

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118064.D
 Acq On : 3 Dec 2019 16:09
 Operator : JU
 Sample : K5675-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 16:45:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137995	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	534100	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	284214	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	540009	20.00	ng	0.00
76) Chrysene-d12	14.07	240	357913	20.00	ng	0.00
87) Perylene-d12	15.57	264	346241	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	812613	104.24	ng	0.02
7) Phenol-d6	6.51	99	1002115	106.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	625368	69.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	355754	118.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1278356	80.69	ng	0.00
79) Terphenyl-d14	13.02	244	1552866	79.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	101954	27.978	ng	# 83
3) Pyridine	3.52	79	178189	18.641	ng	99
4) n-Nitrosodimethylamine	3.45	42	128348	30.759	ng	98
6) Aniline	6.54	93	243432	19.591	ng	100
8) 2-Chlorophenol	6.67	128	316021	37.358	ng	97
9) Benzaldehyde	6.43	77	75030	8.412	ng	98
10) Phenol	6.52	94	359953	36.838	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	272814	34.768	ng	97
12) 1,3-Dichlorobenzene	6.82	146	318235	31.954	ng	98
13) 1,4-Dichlorobenzene	6.90	146	331471	32.928	ng	98
14) 1,2-Dichlorobenzene	7.05	146	312444	32.453	ng	99
15) Benzyl Alcohol	7.02	79	272022	37.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	321639	26.624	ng	99
17) 2-Methylphenol	7.13	107	256418	35.794	ng	99
18) Hexachloroethane	7.39	117	118565	32.062	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	202889	34.975	ng	96
20) 3+4-Methylphenols	7.29	107	320910	36.088	ng	91
22) Acetophenone	7.29	105	432884	36.075	ng	# 93
24) Nitrobenzene	7.46	77	317087	34.210	ng	97
25) Isophorone	7.70	82	558940	33.942	ng	99
26) 2-Nitrophenol	7.78	139	174761	38.738	ng	98
27) 2,4-Dimethylphenol	7.82	122	273887	39.070	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	352776	33.759	ng	99
29) 2,4-Dichlorophenol	8.02	162	272189	35.795	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	286650	32.499	ng	99
31) Naphthalene	8.19	128	950191	38.162	ng	99
32) Benzoic acid	7.93	122	168128	28.643	ng	96
33) 4-Chloroaniline	8.23	127	219756	19.715	ng	96
34) Hexachlorobutadiene	8.30	225	167045	32.393	ng	99
35) Caprolactam	8.60	113	41502	17.173	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	291168	37.730	ng	99
37) 2-Methylnaphthalene	8.88	142	637821	37.912	ng	98
38) 1-Methylnaphthalene	8.98	142	595026	37.411	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	285508	34.591	ng	99

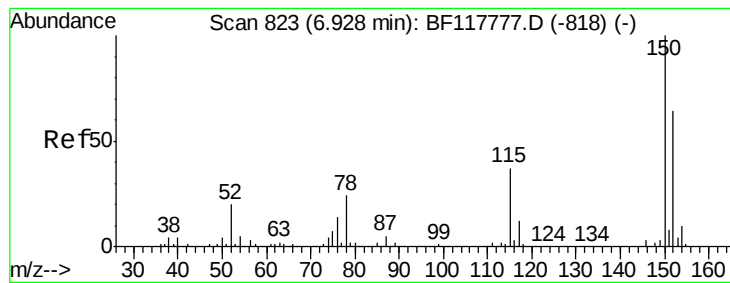
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 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	273553	59.141	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	201804	34.135	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	216858	35.329	ng	97
46) 1,1'-Biphenyl	9.35	154	773259	36.672	ng	99
47) 2-Chloronaphthalene	9.37	162	599635	34.568	ng	97
48) 2-Nitroaniline	9.47	65	172623	32.962	ng	98
49) Acenaphthylene	9.79	152	955914	37.798	ng	99
50) Dimethylphthalate	9.65	163	710576	35.653	ng	99
51) 2,6-Dinitrotoluene	9.71	165	160670	36.886	ng	96
52) Acenaphthene	9.96	154	559541	34.538	ng	100
53) 3-Nitroaniline	9.88	138	128441	24.643	ng	95
54) 2,4-Dinitrophenol	9.99	184	121398	56.568	ng	98
55) Dibenzofuran	10.14	168	859273	38.302	ng	98
56) 4-Nitrophenol	10.05	139	261668	67.259	ng	99
57) 2,4-Dinitrotoluene	10.12	165	215440	38.882	ng	# 84
58) Fluorene	10.48	166	664296	38.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	177298	35.154	ng	99
60) Diethylphthalate	10.35	149	709692	36.524	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	325859	36.935	ng	98
62) 4-Nitroaniline	10.50	138	162096	31.061	ng	97
63) Azobenzene	10.63	77	616499	34.875	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	94244	37.384	ng	79
66) n-Nitrosodiphenylamine	10.59	169	590470	37.572	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	205381	35.249	ng	98
68) Hexachlorobenzene	11.03	284	235269	34.628	ng	98
69) Atrazine	11.12	200	149632	28.944	ng	100
70) Pentachlorophenol	11.23	266	254719	64.172	ng	99
71) Phenanthrene	11.45	178	1011739	37.265	ng	100
72) Anthracene	11.50	178	1043122	38.751	ng	100
73) Carbazole	11.65	167	888474	37.771	ng	100
74) Di-n-butylphthalate	11.98	149	1121079	38.278	ng	99
75) Fluoranthene	12.64	202	1025979	40.795	ng	100
77) Benzidine	12.77	184	1456	0.124	ng	# 60
78) Pyrene	12.87	202	1026624	35.493	ng	100
80) Butylbenzylphthalate	13.49	149	459333	36.974	ng	99
81) Benzo(a)anthracene	14.06	228	845499	35.748	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	257469	31.121	ng	100
83) Chrysene	14.10	228	826839	36.078	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	633622	42.069	ng	99
85) Di-n-octyl phthalate	14.66	149	961104	43.437	ng	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	821827	42.133	ng	100
88) Benzo(b)fluoranthene	15.13	252	795828	35.377	ng	99
89) Benzo(k)fluoranthene	15.16	252	701392	33.091	ng	99
90) Benzo(a)pyrene	15.51	252	696509	35.211	ng	98
91) Dibenzo(a,h)anthracene	17.10	278	686550	40.324	ng	100
92) Benzo(g,h,i)perylene	17.55	276	688889	40.622	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

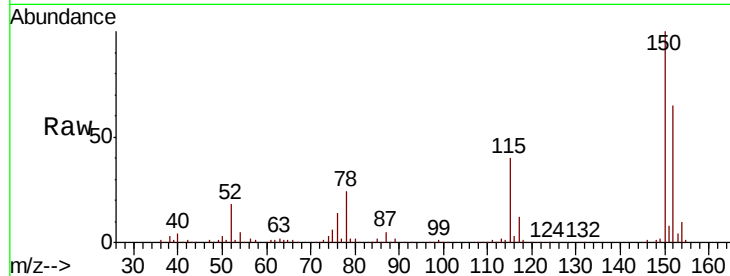


#1

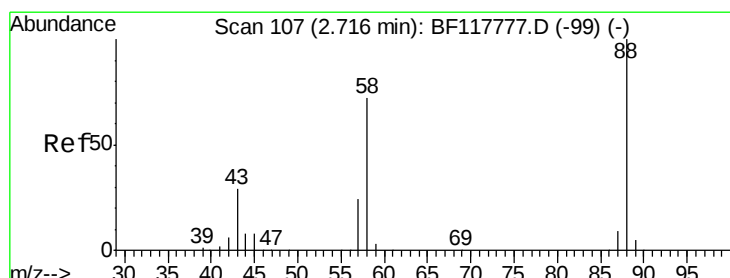
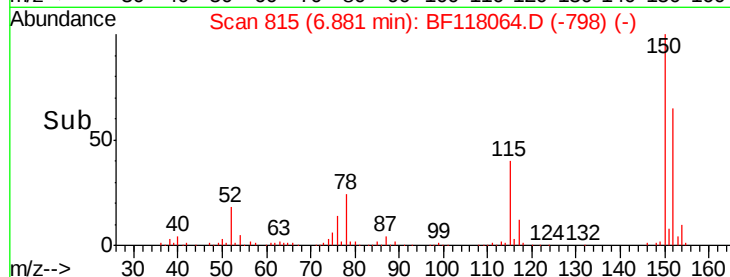
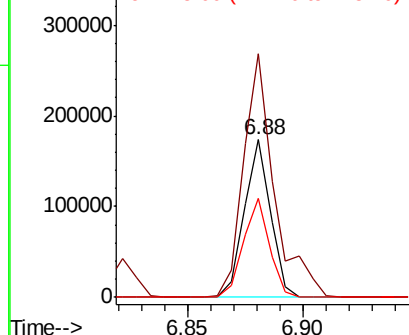
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137995
Ion Ratio Lower Upper
152 100
150 154.5 121.4 182.2
115 62.5 48.8 73.2



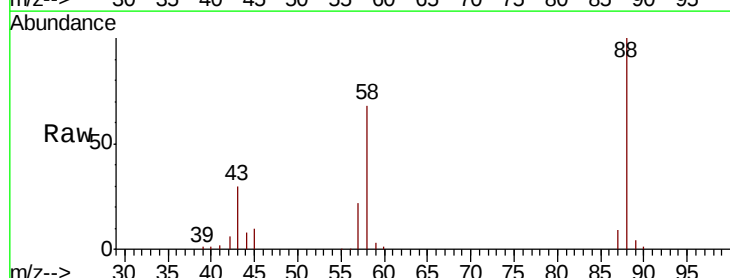
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



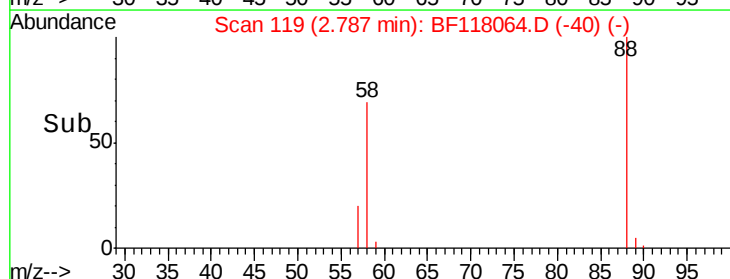
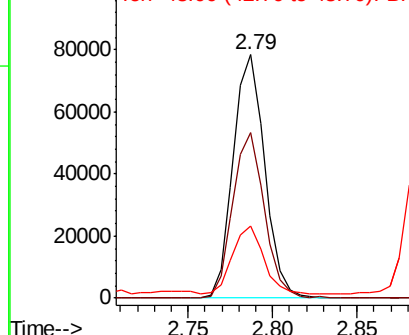
#2

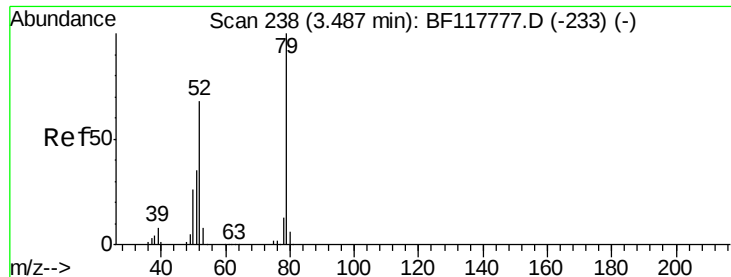
1,4-Dioxane
Concen: 27.978 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.16 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion: 88 Resp: 101954
Ion Ratio Lower Upper
88 100
58 67.9 52.6 78.8
43 0.0 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 18.641 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.14 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

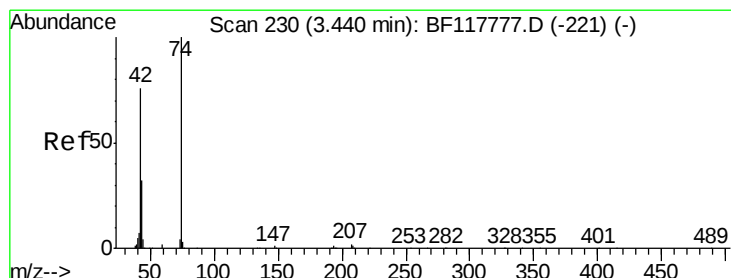
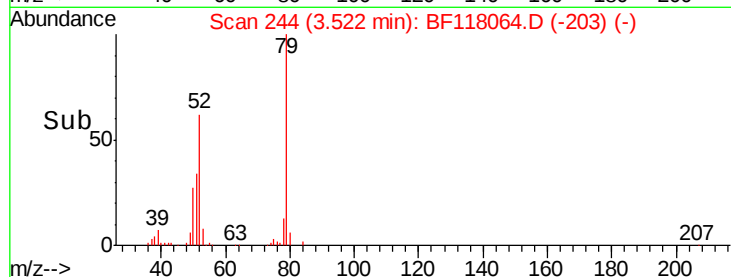
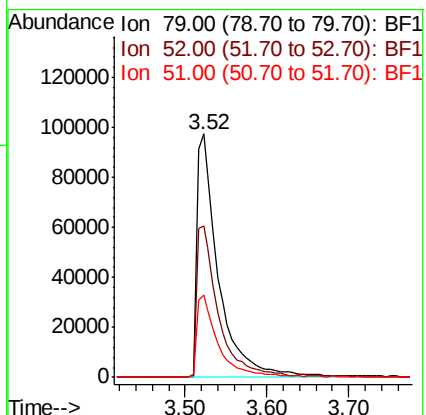
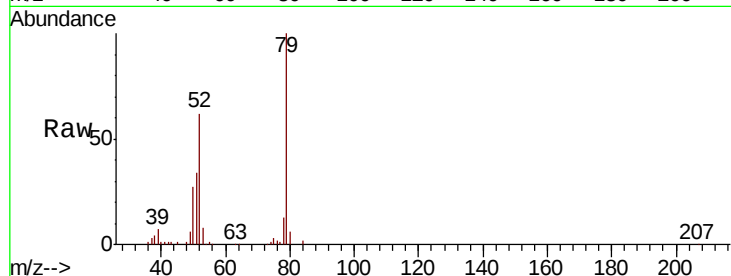
Tot Ion: 79 Resp: 178189

Ion Ratio Lower Upper

79 100

52 62.0 50.6 75.8

51 33.9 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 30.759 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.11 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

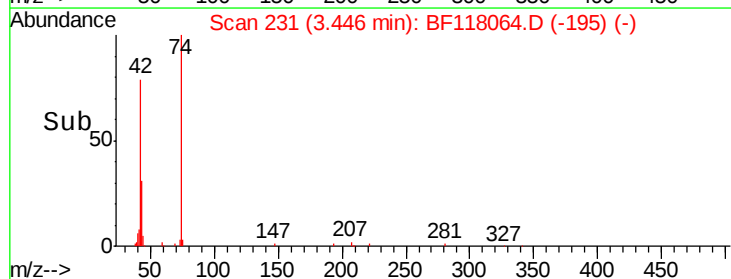
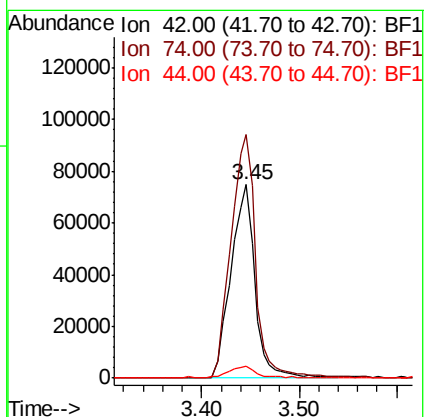
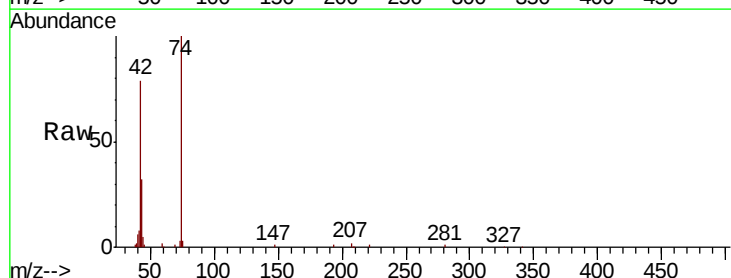
Tgt Ion: 42 Resp: 128348

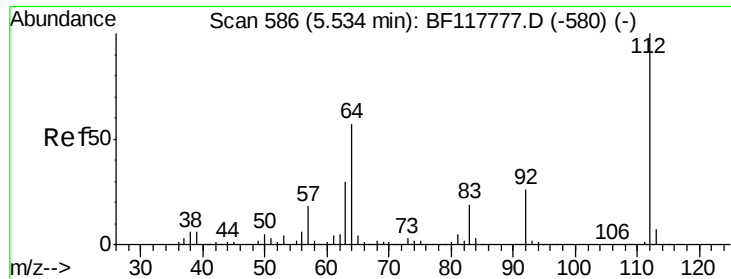
Ion Ratio Lower Upper

42 100

74 126.0 102.8 154.2

44 6.4 4.7 7.1





#5

2-Fluorophenol

Concen: 104.236 ng

RT: 5.51 min Scan# 582

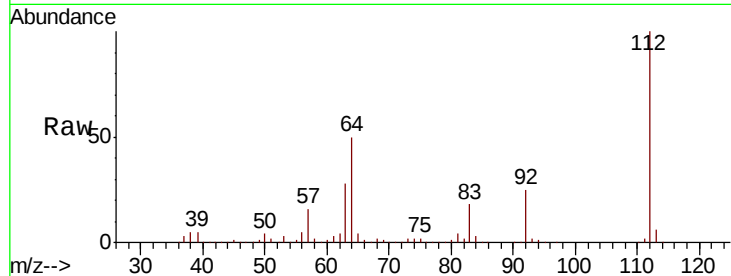
Delta R.T. 0.02 min

Lab File: BF118064.D

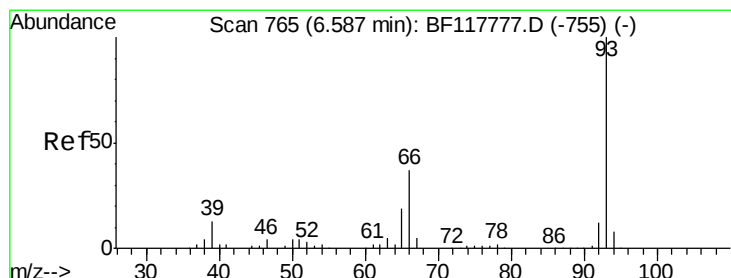
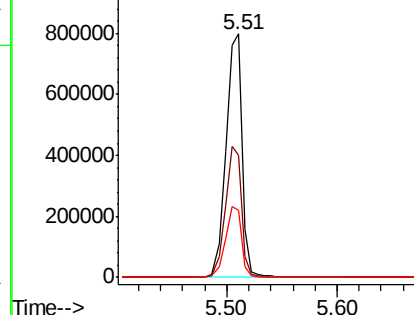
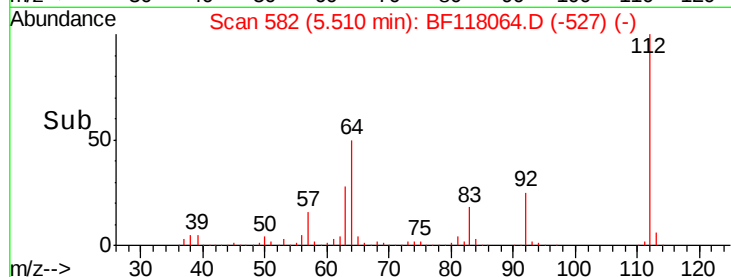
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	812613
Ion	Ratio	Lower	Upper
112	100		
64	49.9	45.1	67.7
63	27.7	24.6	37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.591 ng

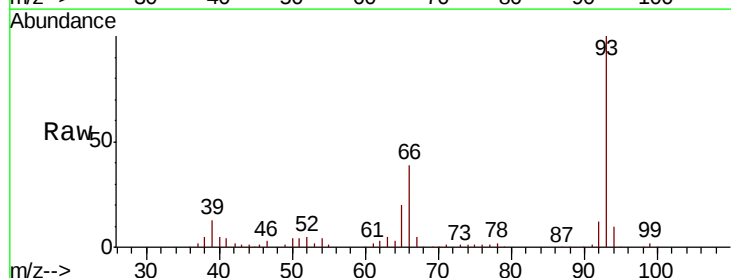
RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

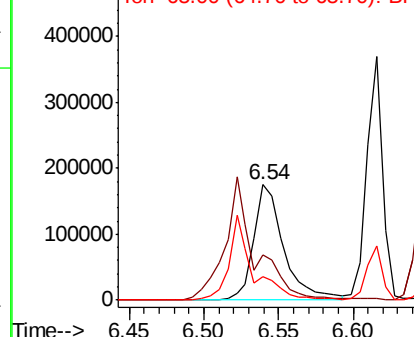
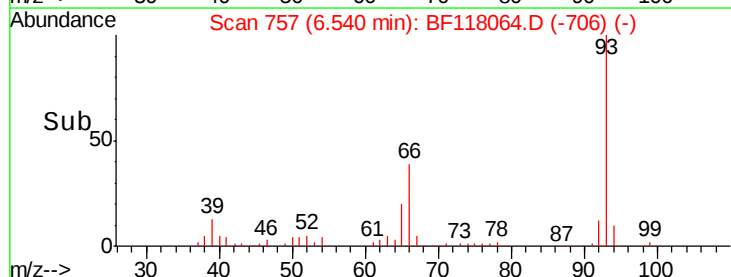
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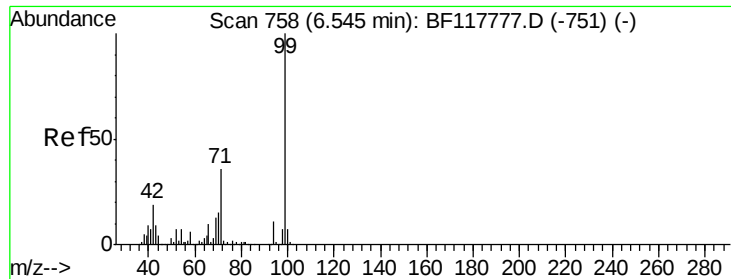
Acq: 3 Dec 2019 16:09

Tgt Ion:	93	Resp:	243432
Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.0	46.6
65	20.1	15.8	23.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.573 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampled :

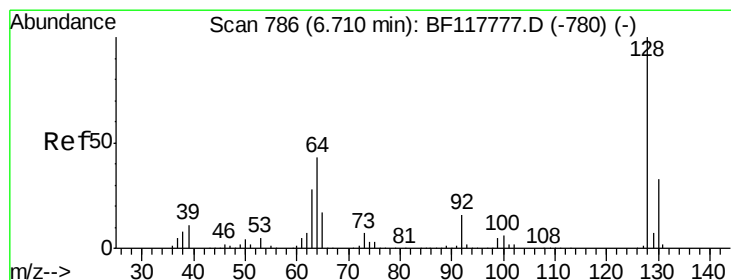
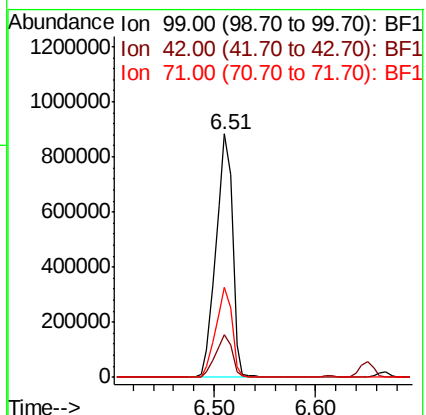
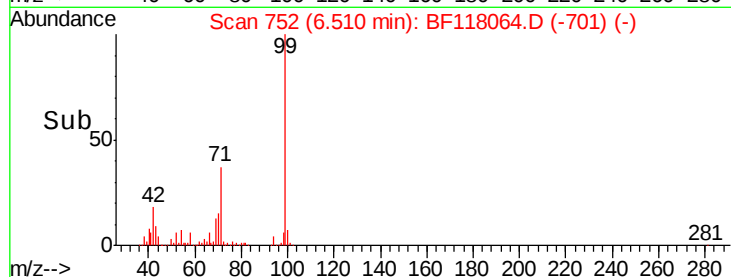
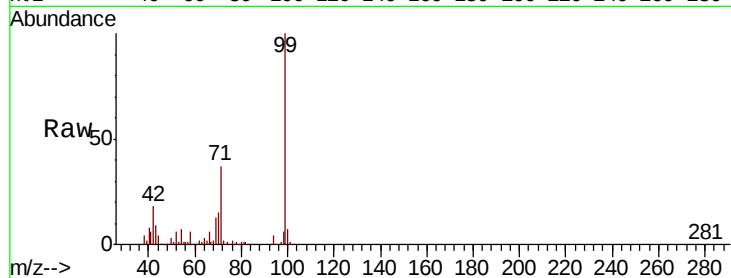
Tot Ion: 99 Resp: 1002115

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

71 36.9 29.2 43.8



#8

2-Chlorophenol

Concen: 37.358 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

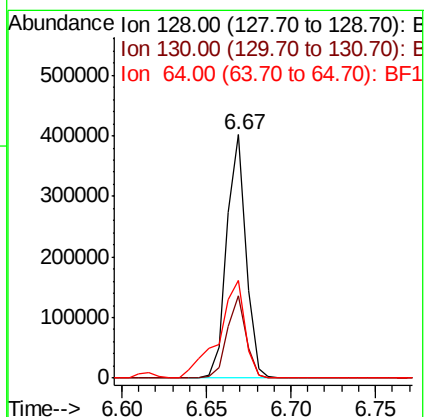
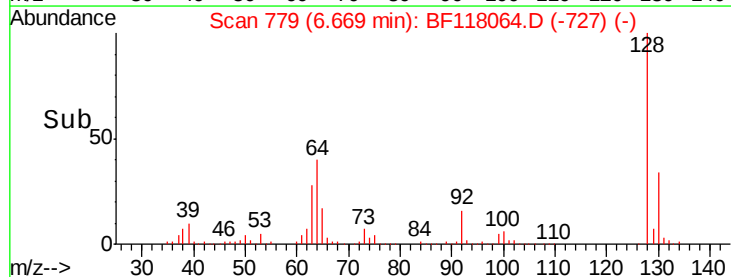
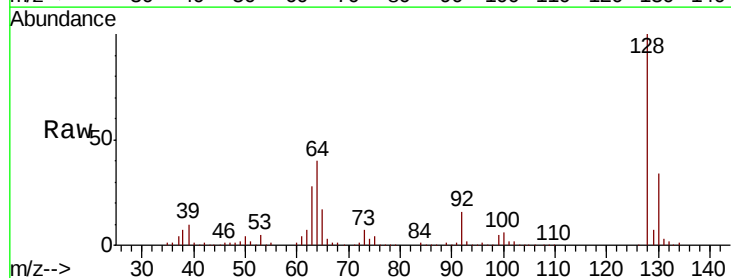
Tgt Ion: 128 Resp: 316021

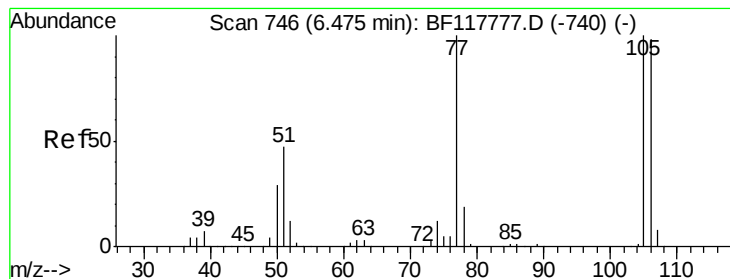
Ion Ratio Lower Upper

128 100

130 33.6 12.4 52.4

64 40.4 23.2 63.2





#9

Benzaldehyde

Concen: 8.412 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampled :

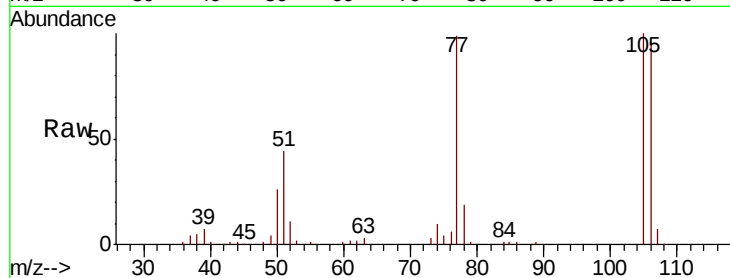
Tot Ion: 77 Resp: 75030

Ion Ratio Lower Upper

77 100

105 101.4 83.3 123.3

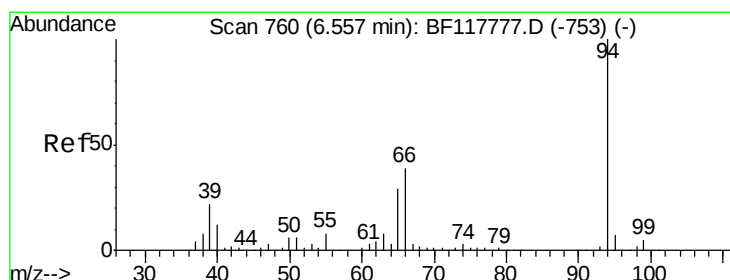
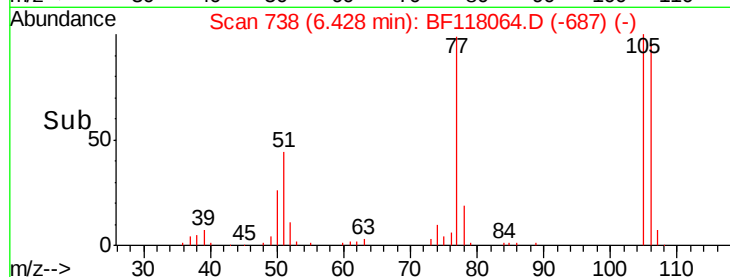
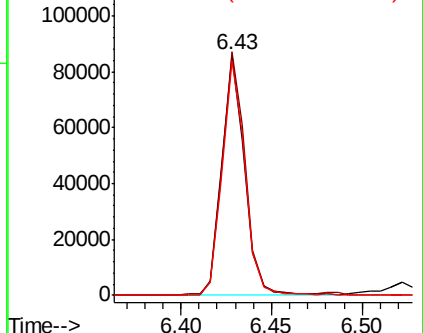
106 97.8 80.9 120.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.838 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

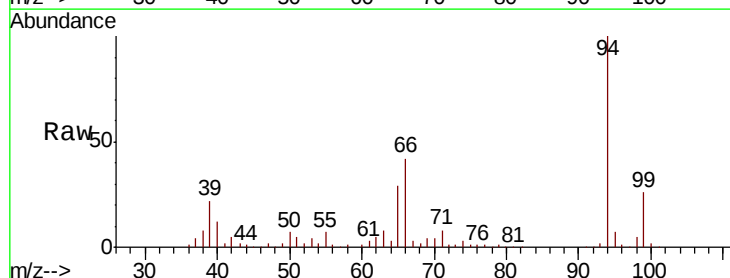
Tgt Ion: 94 Resp: 359953

Ion Ratio Lower Upper

94 100

65 28.8 6.9 46.9

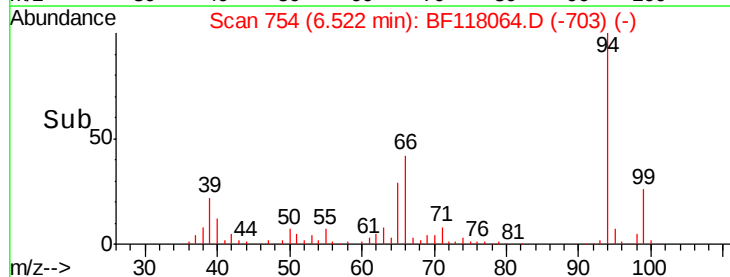
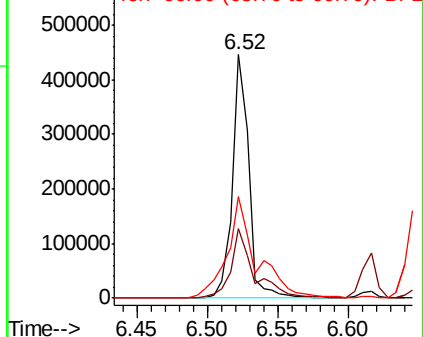
66 41.9 18.6 58.6

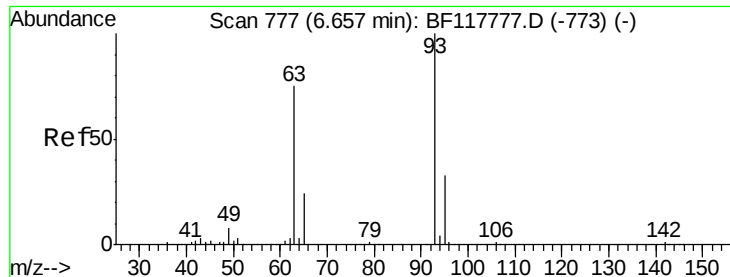


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.768 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

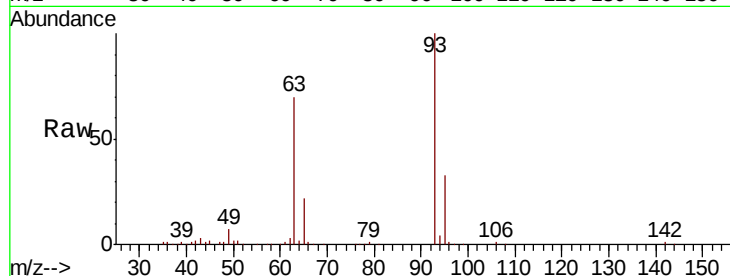
Tot Ion: 93 Resp: 272814

Ion Ratio Lower Upper

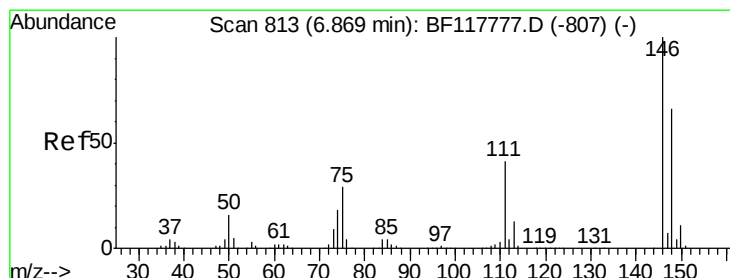
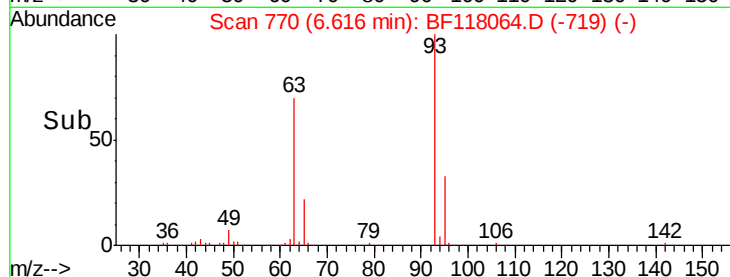
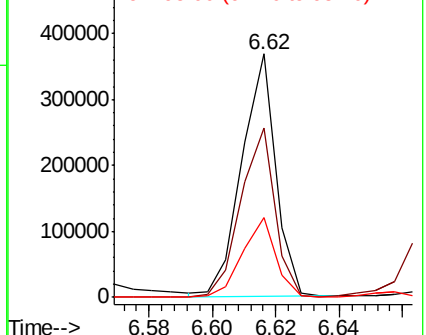
93 100

63 69.8 46.8 86.8

95 32.6 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 31.954 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

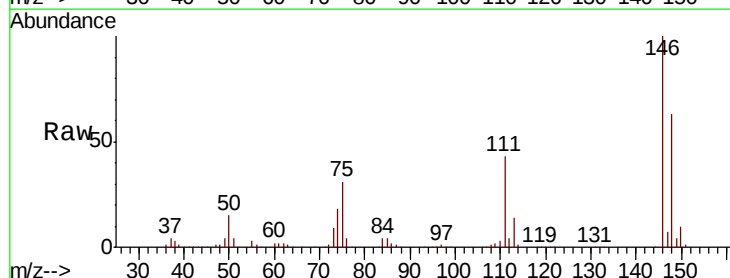
Tgt Ion: 146 Resp: 318235

Ion Ratio Lower Upper

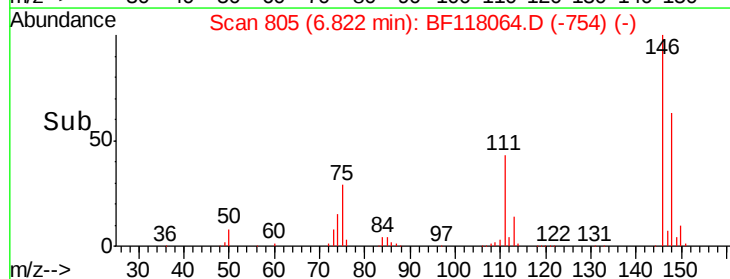
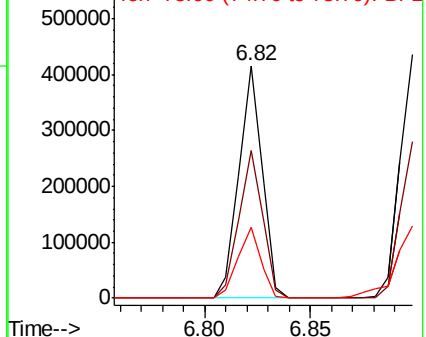
146 100

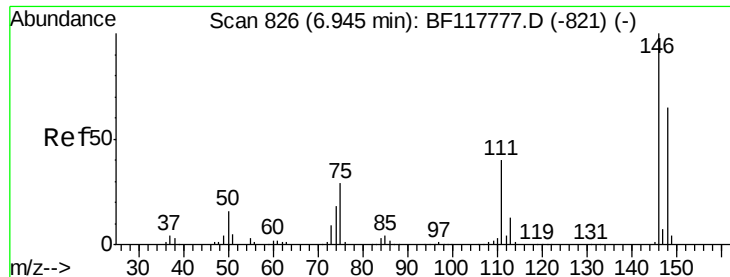
148 63.4 52.7 79.1

75 30.6 24.5 36.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

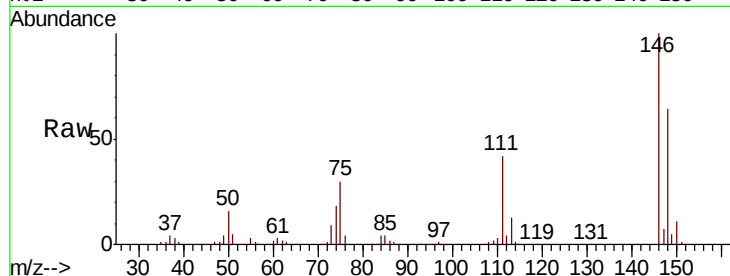




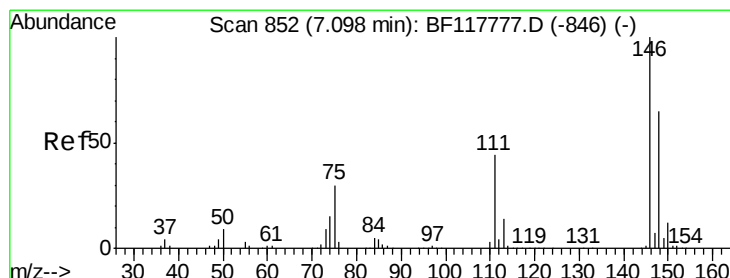
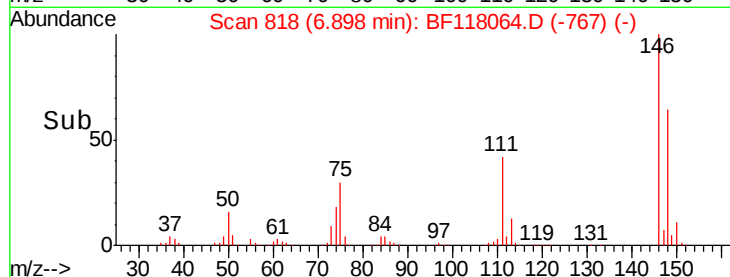
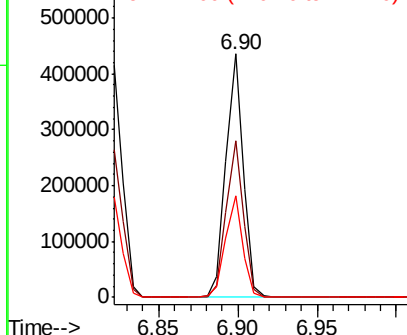
#13
 1,4-Dichlorobenzene
 Concen: 32.928 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 331471
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.6 34.6 51.8

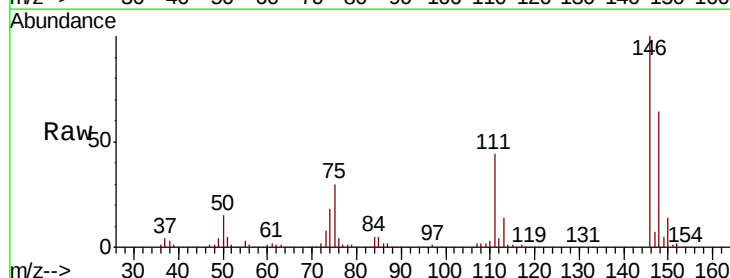


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

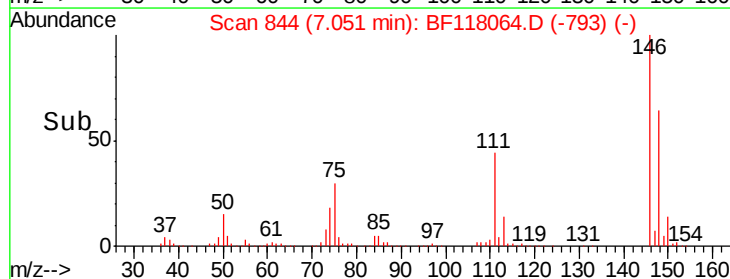
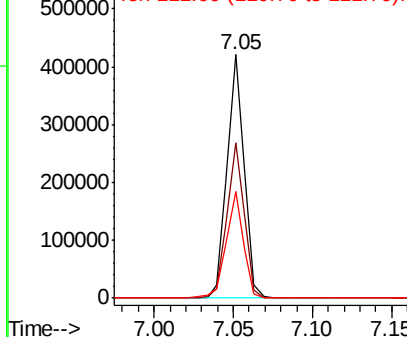


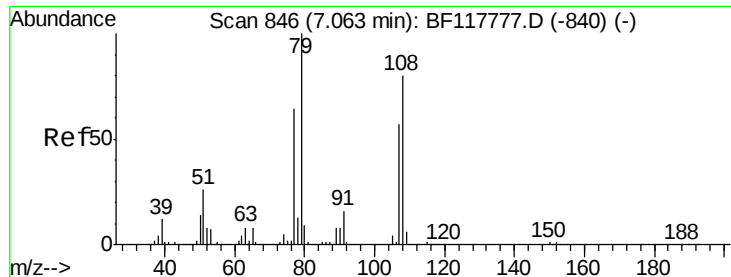
#14
 1,2-Dichlorobenzene
 Concen: 32.453 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:146 Resp: 312444
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.6 77.4
 111 43.8 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.471 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

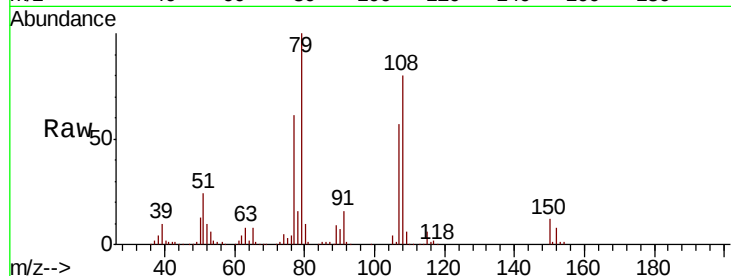
Tot Ion: 79 Resp: 272022

Ion Ratio Lower Upper

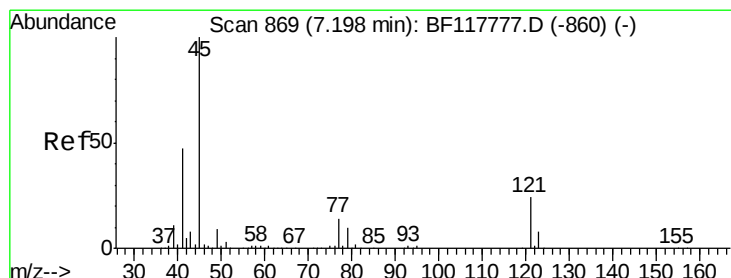
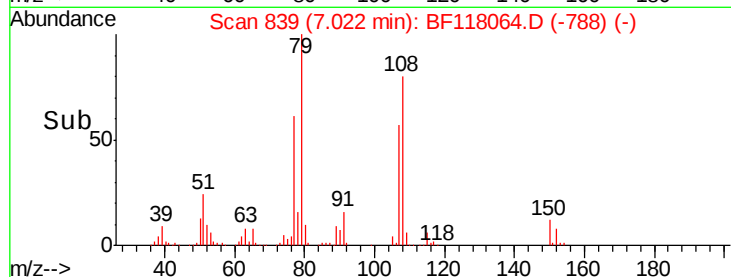
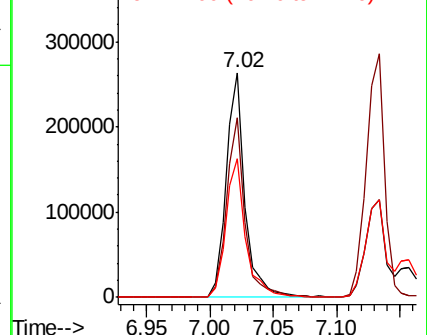
79 100

108 79.7 63.1 94.7

77 61.4 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.624 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

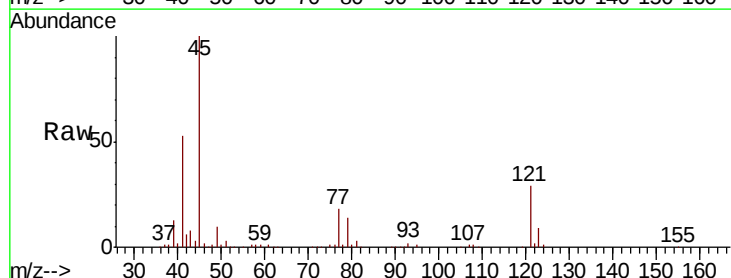
Tgt Ion: 45 Resp: 321639

Ion Ratio Lower Upper

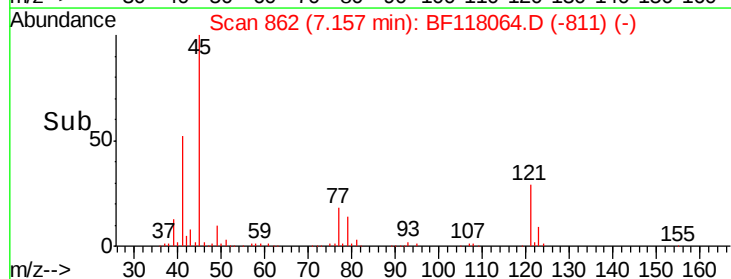
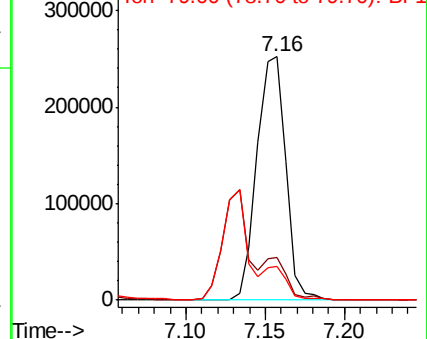
45 100

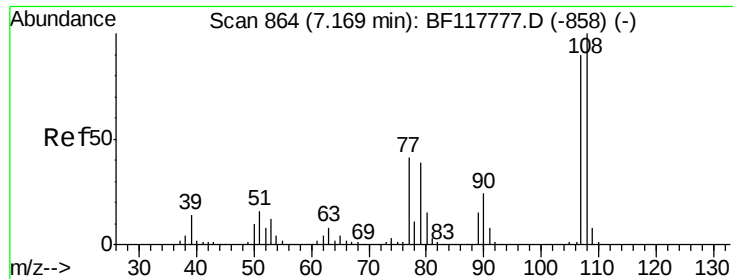
77 17.5 0.0 36.8

79 13.6 0.0 33.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

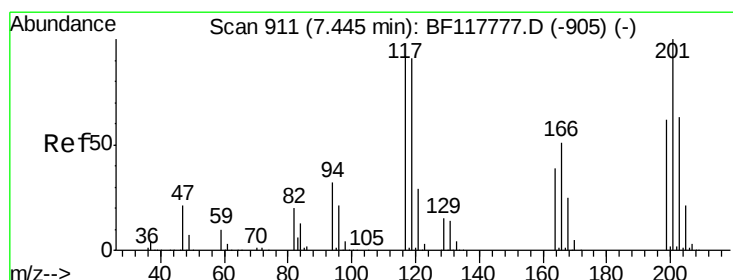
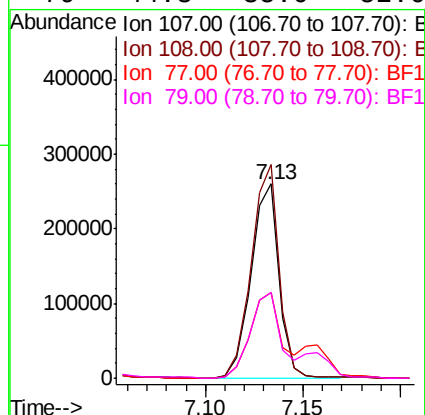
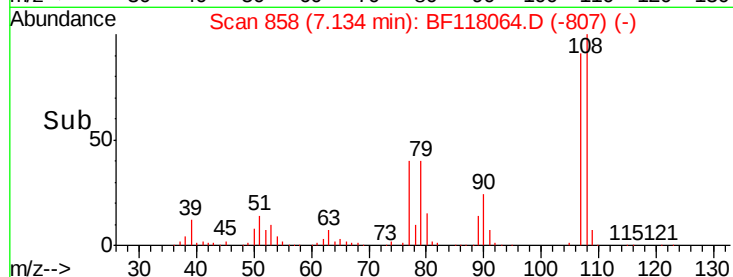
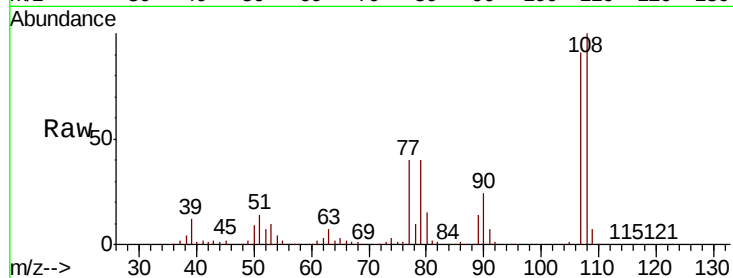




#17
2-Methylphenol
Concen: 35.794 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

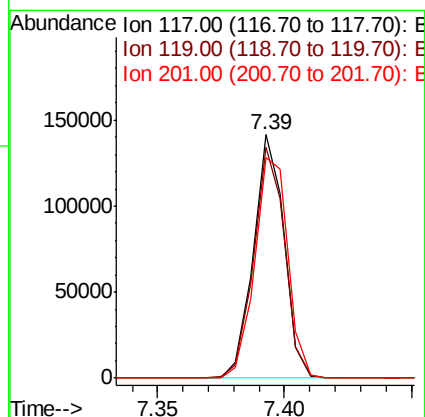
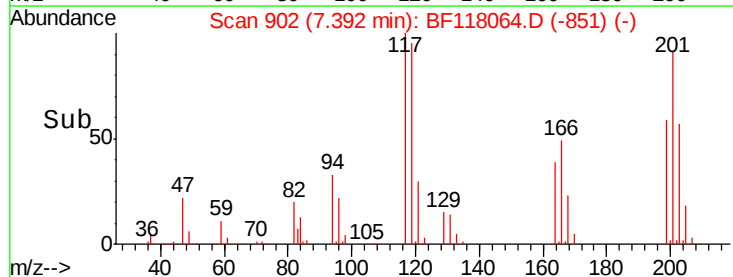
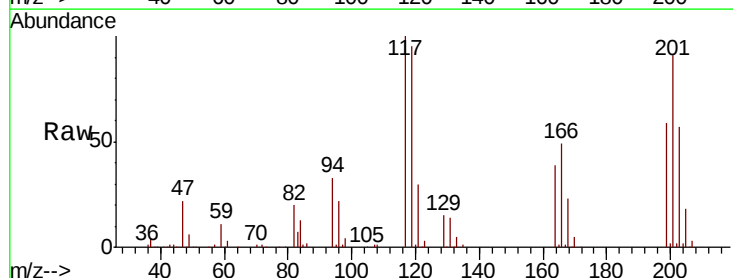
Instrument :
BNA_F
ClientSampleId :

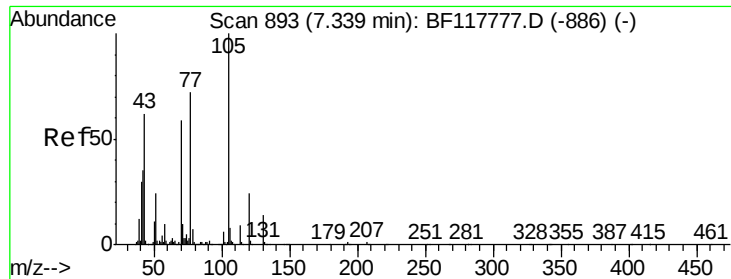
Tot Ion:107 Resp: 256418
Ion Ratio Lower Upper
107 100
108 110.0 89.8 134.8
77 44.1 35.0 52.6
79 44.3 35.0 52.6



#18
Hexachloroethane
Concen: 32.062 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:117 Resp: 118565
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
201 90.7 71.7 107.5

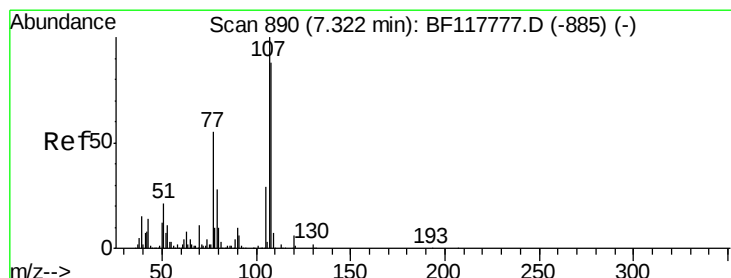
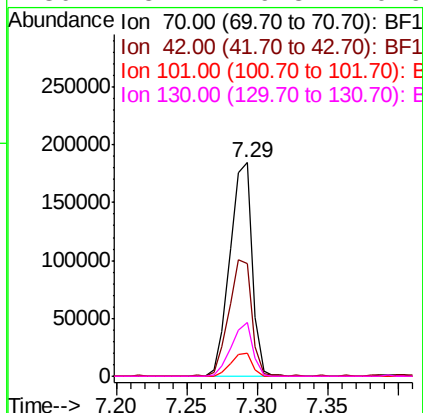
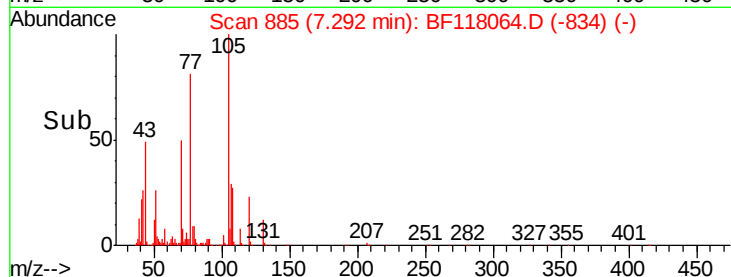
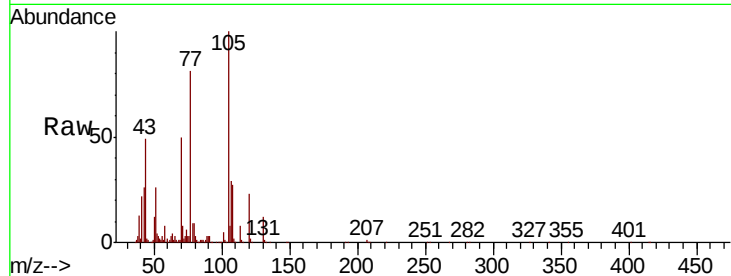




#19
n-Nitroso-di-n-propylamine
Concen: 34.975 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

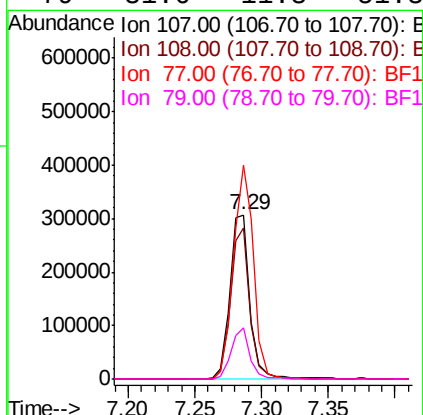
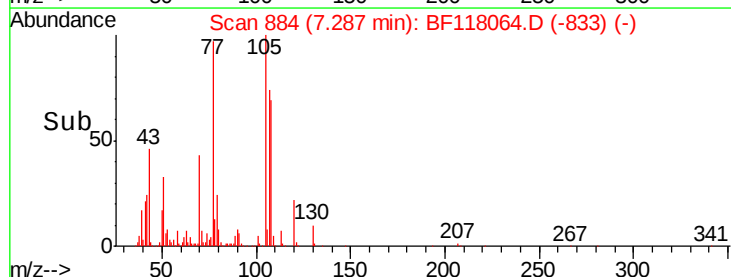
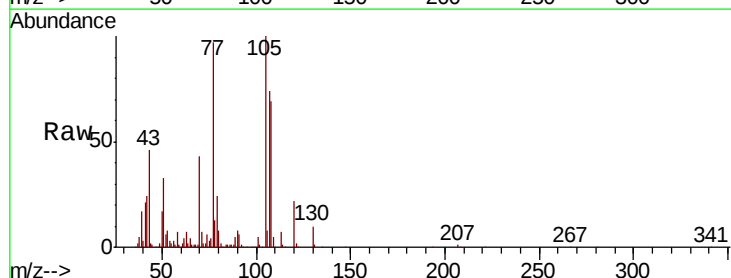
Instrument :
BNA_F
ClientSampleId :

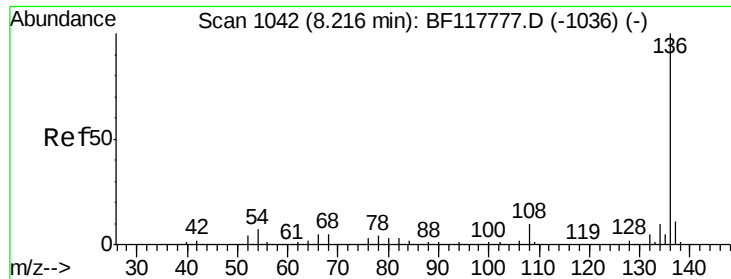
Tot Ion: 70 Resp: 202889
Ion Ratio Lower Upper
70 100
42 52.9 46.0 69.0
101 10.8 8.8 13.2
130 25.1 19.8 29.6



#20
3+4-Methylphenols
Concen: 36.088 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:107 Resp: 320910
Ion Ratio Lower Upper
107 100
108 92.1 71.9 111.9
77 130.3 91.6 131.6
79 31.6 11.3 51.3

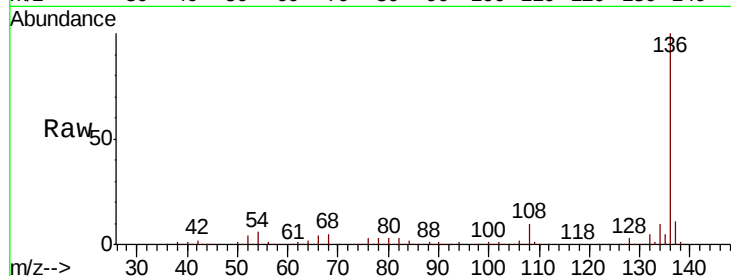




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	534100
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.1 13.7
54	5.9	4.9 7.3
68	4.8	3.6 5.4



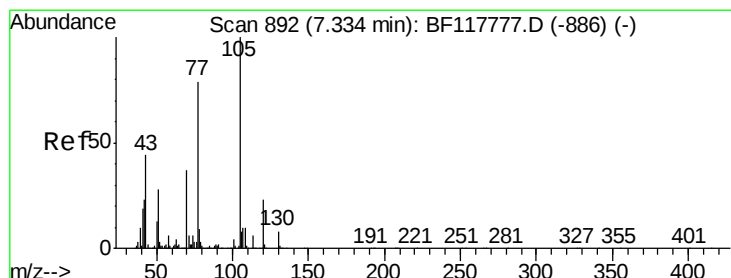
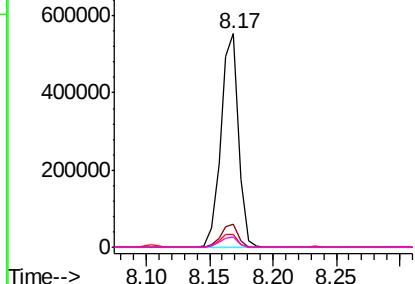
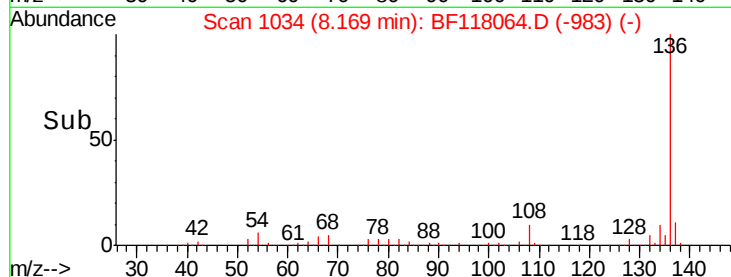
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

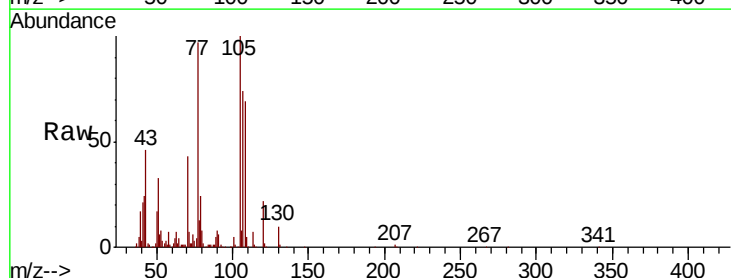
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.075 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:105	Resp:	432884
Ion	Ratio	Lower Upper
105	100	
71	6.9	5.9 8.9
51	32.7	20.2 30.2#
120	22.3	17.9 26.9



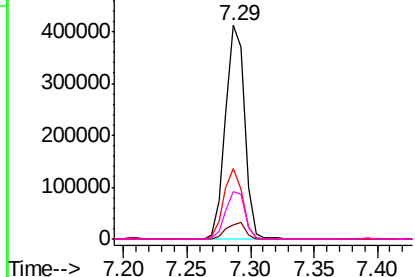
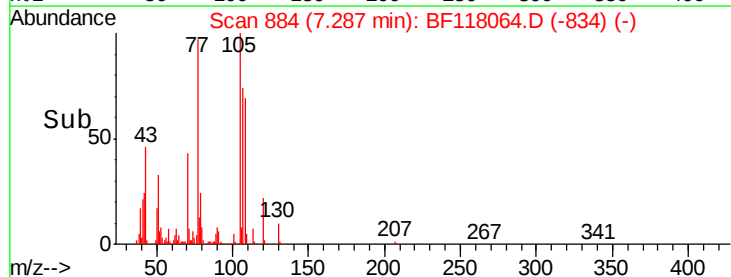
Abundance

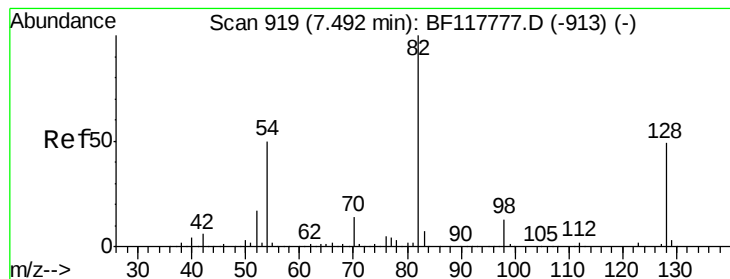
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 69.604 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

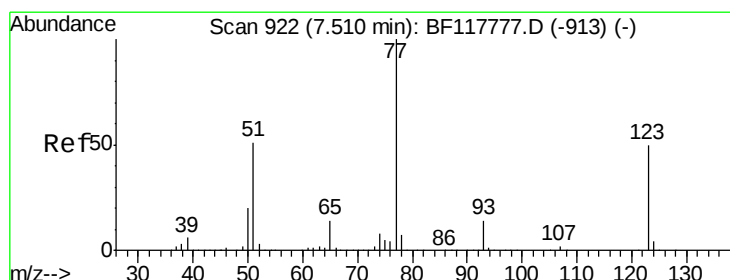
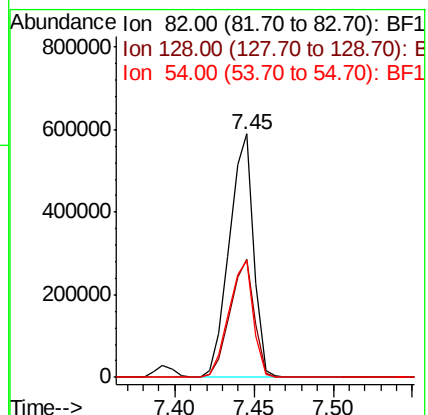
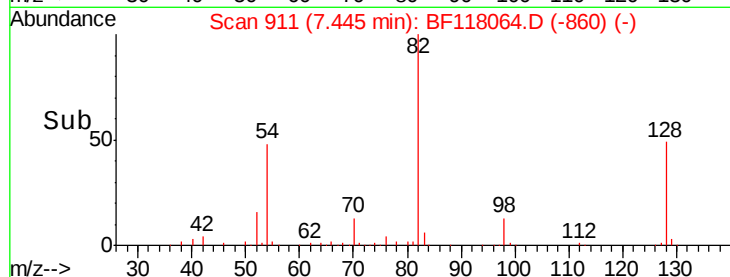
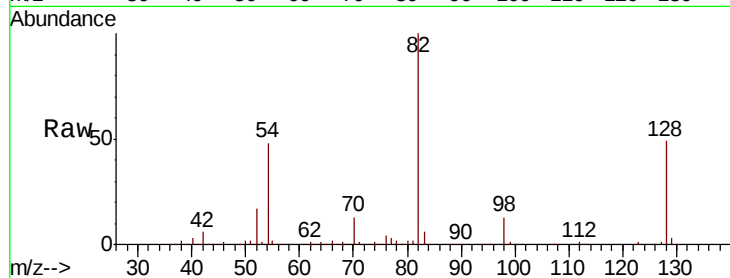
Tot Ion: 82 Resp: 625368

Ion Ratio Lower Upper

82 100

128 48.7 38.2 57.4

54 47.8 39.0 58.4



#24

Nitrobenzene

Concen: 34.210 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

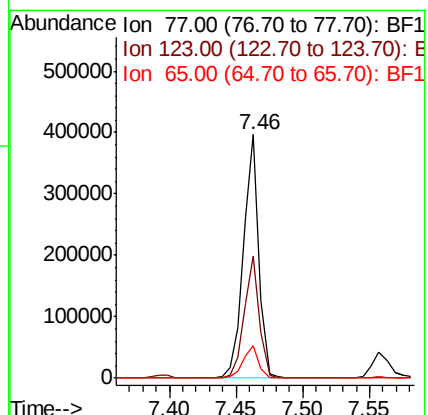
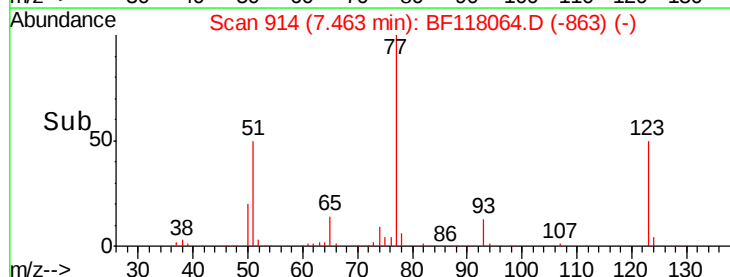
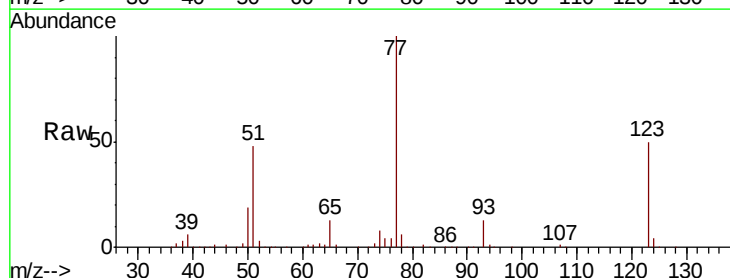
Tgt Ion: 77 Resp: 317087

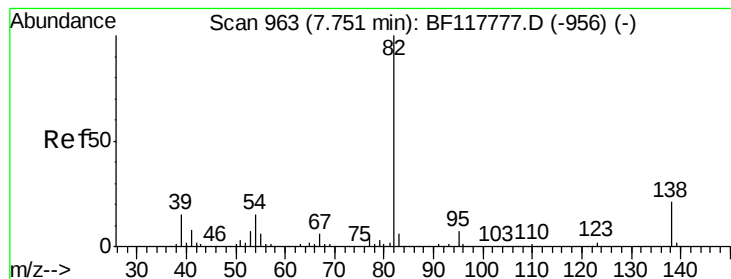
Ion Ratio Lower Upper

77 100

123 50.3 38.2 57.2

65 13.3 11.1 16.7





#25

Isophorone

Concen: 33.942 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

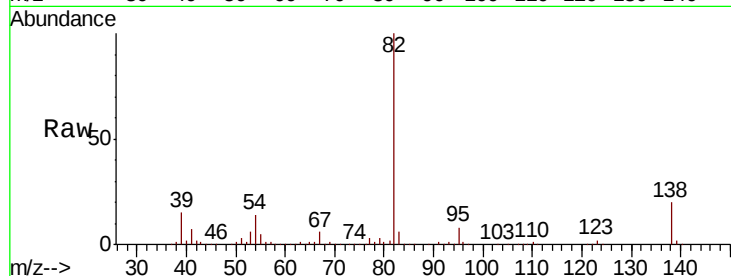
Tot Ion: 82 Resp: 558940

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

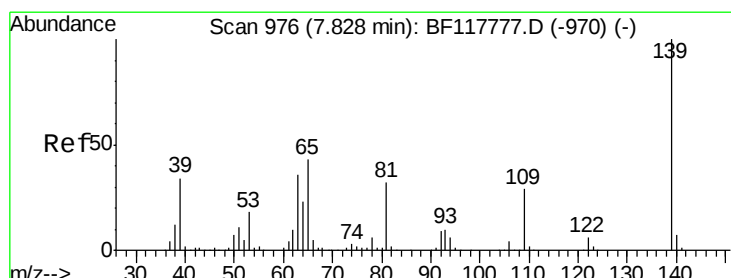
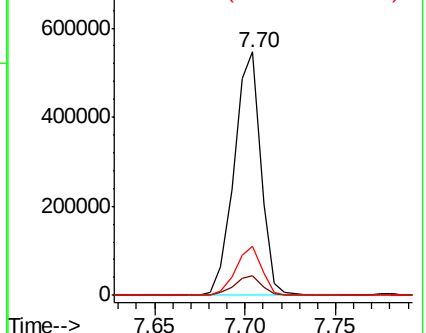
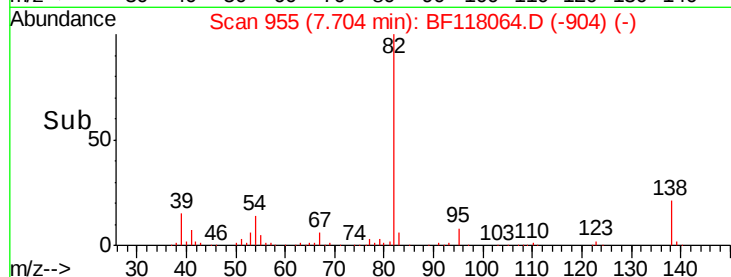
138 20.4 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.738 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

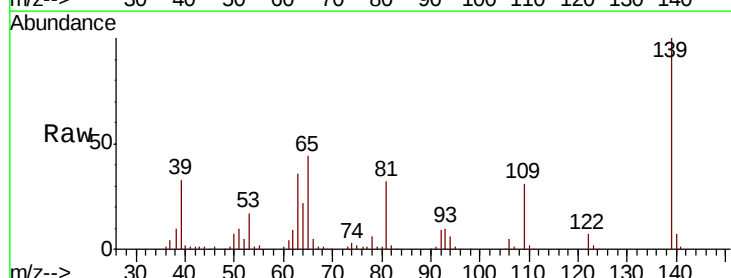
Tgt Ion: 139 Resp: 174761

Ion Ratio Lower Upper

139 100

109 30.7 23.8 35.6

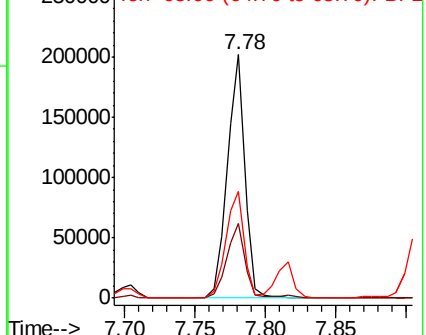
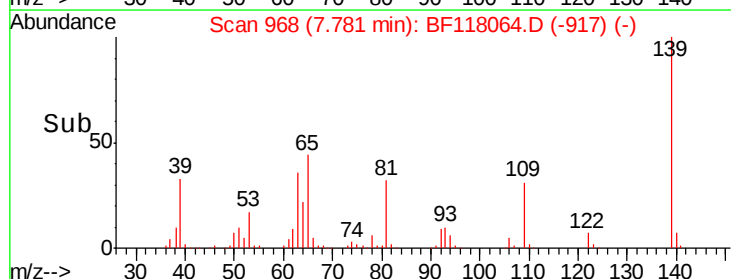
65 43.6 36.2 54.4

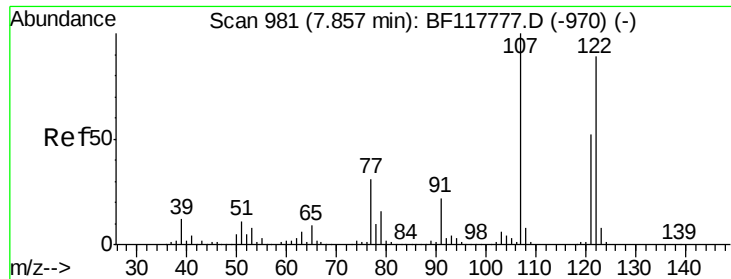


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

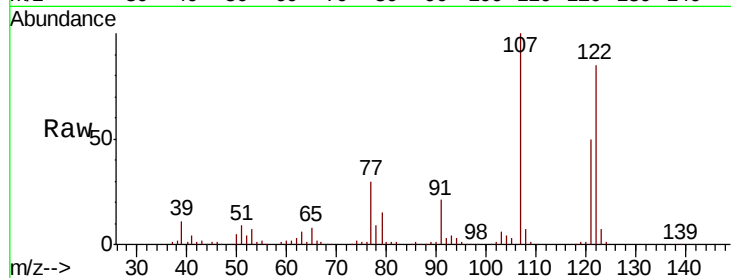




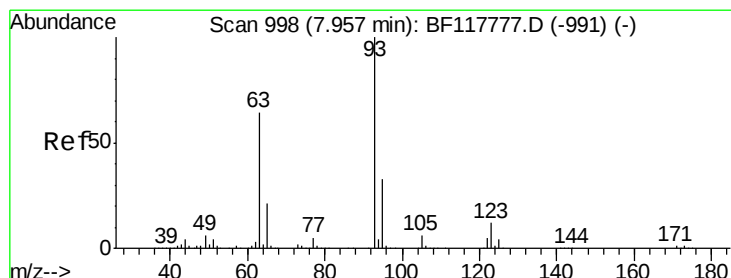
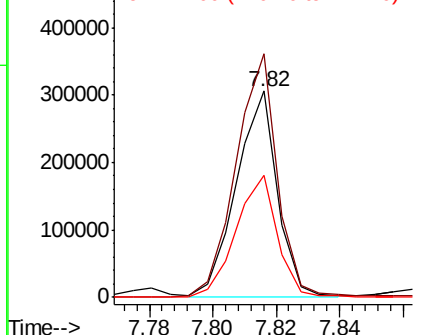
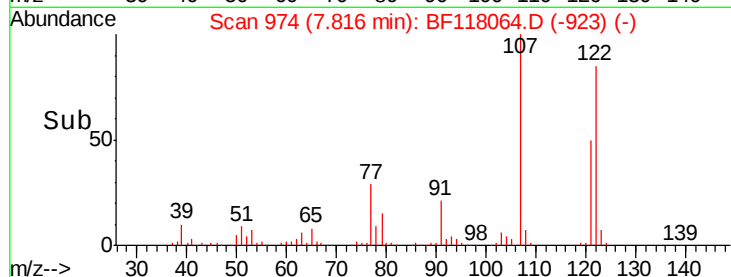
#27
2,4-Dimethylphenol
Concen: 39.070 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 273887
Ion Ratio Lower Upper
122 100
107 118.1 92.6 138.8
121 59.4 46.9 70.3

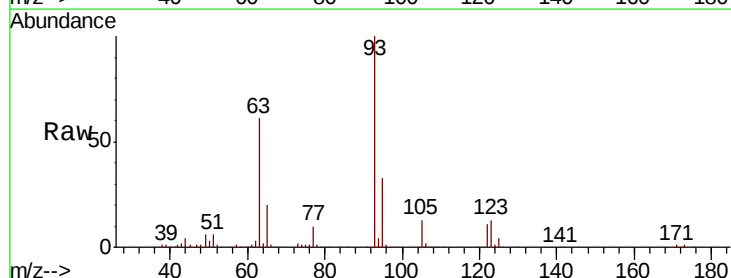


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

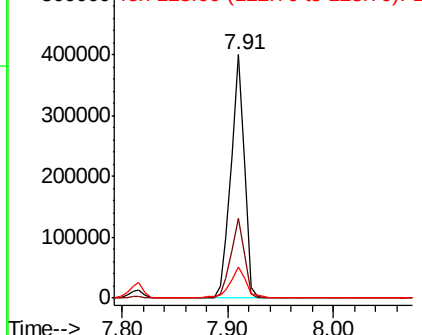
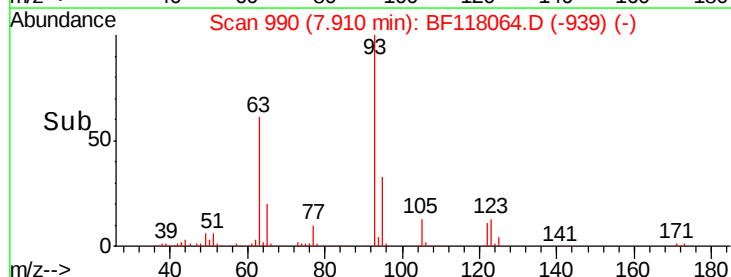


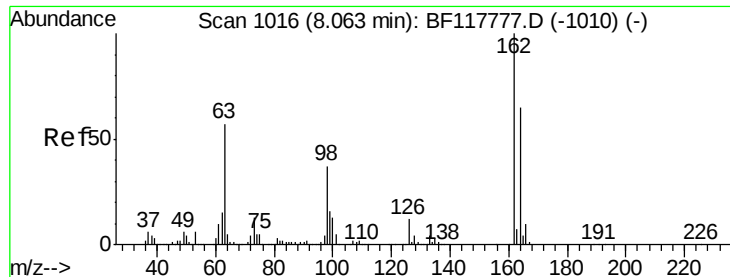
#28
bis(2-Chloroethoxy)methane
Concen: 33.759 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion: 93 Resp: 352776
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.8 10.2 15.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

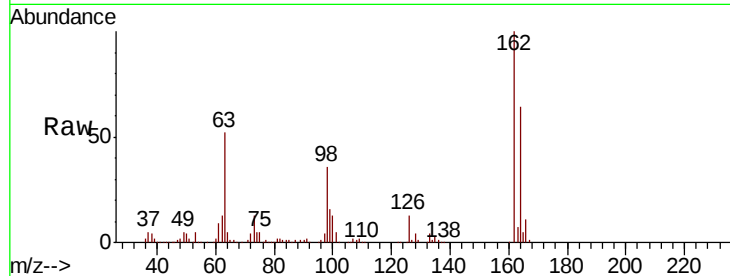




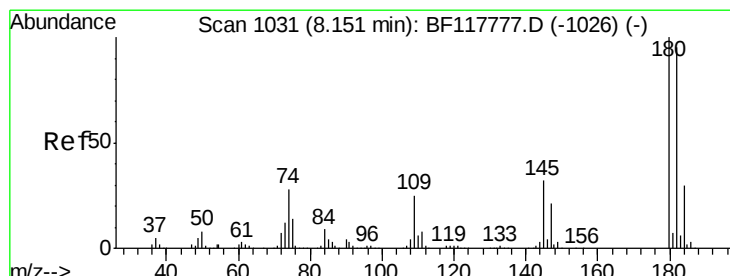
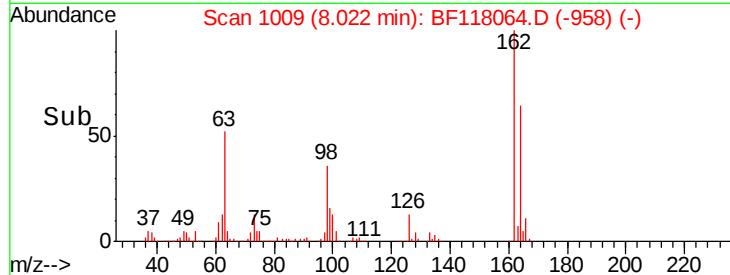
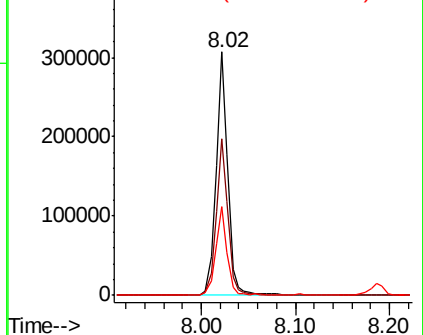
#29
2,4-Dichlorophenol
Concen: 35.795 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 272189
Ion Ratio Lower Upper
162 100
164 64.3 42.9 82.9
98 36.3 16.7 56.7

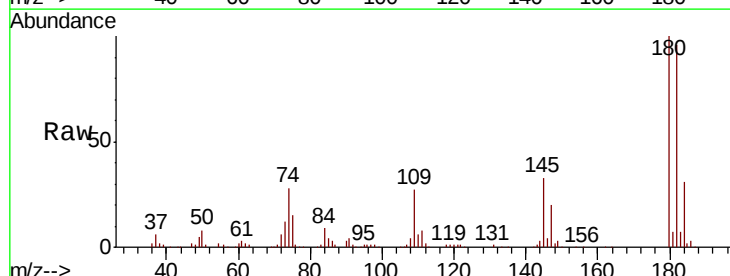


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

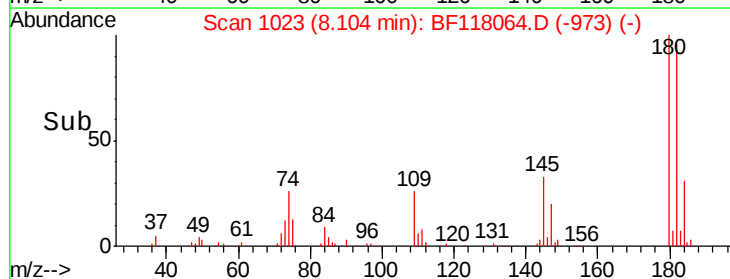
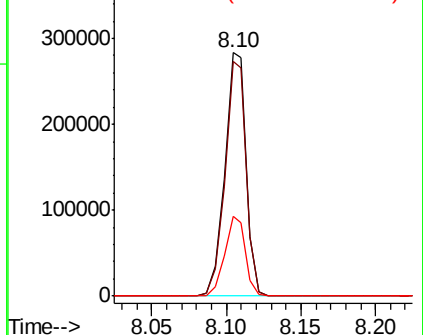


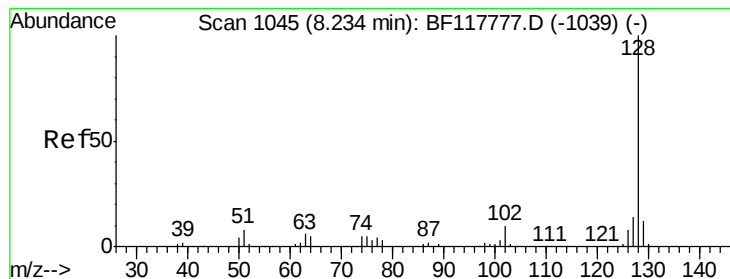
#30
1,2,4-Trichlorobenzene
Concen: 32.499 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:180 Resp: 286650
Ion Ratio Lower Upper
180 100
182 96.3 76.6 114.8
145 32.9 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.162 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

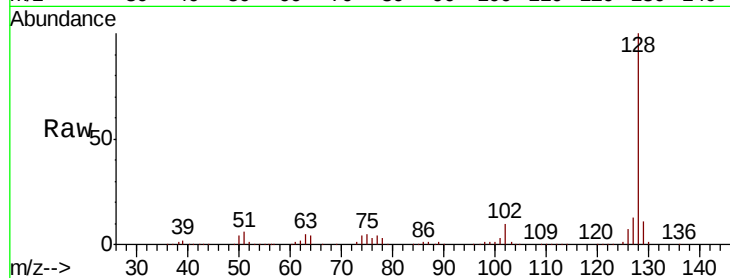
Tot Ion:128 Resp: 950191

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

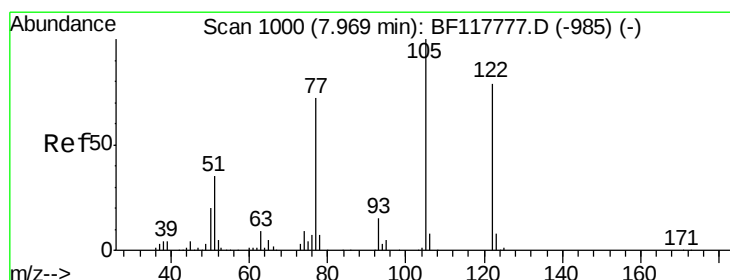
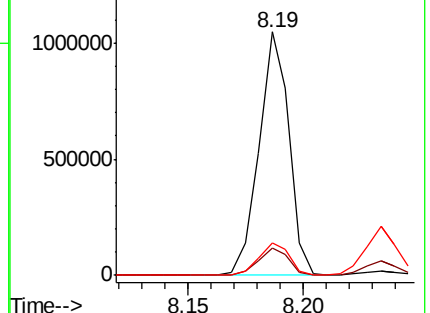
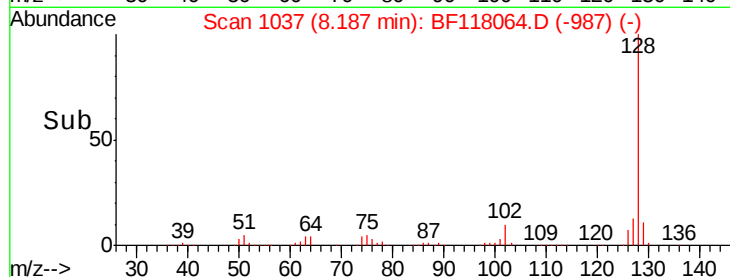
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.643 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

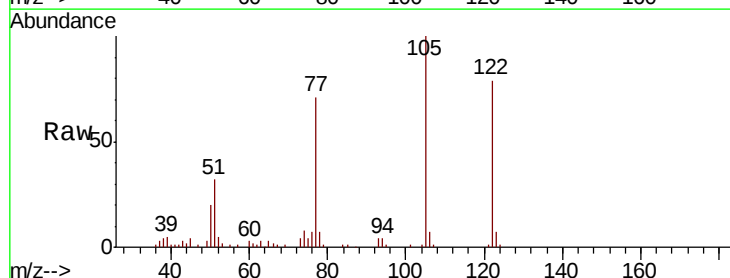
Tgt Ion:122 Resp: 168128

Ion Ratio Lower Upper

122 100

105 126.0 101.4 141.4

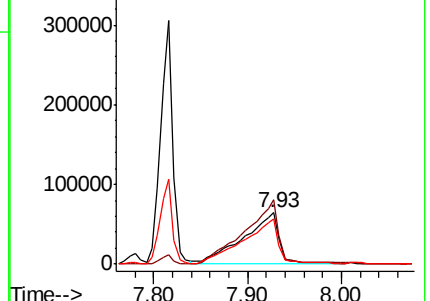
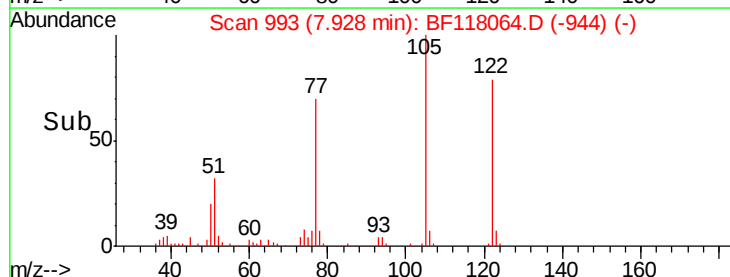
77 88.9 66.4 106.4

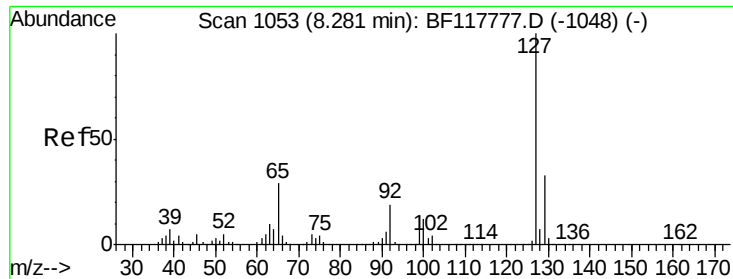


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

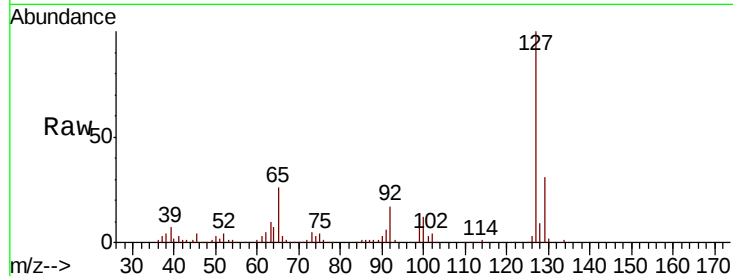




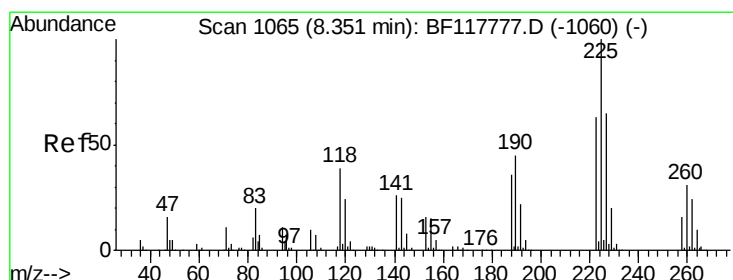
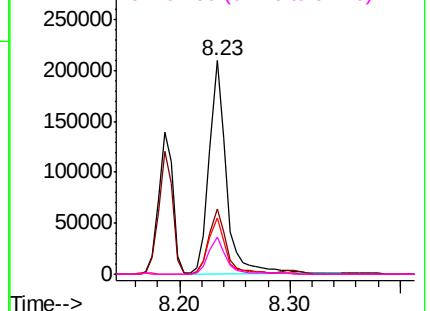
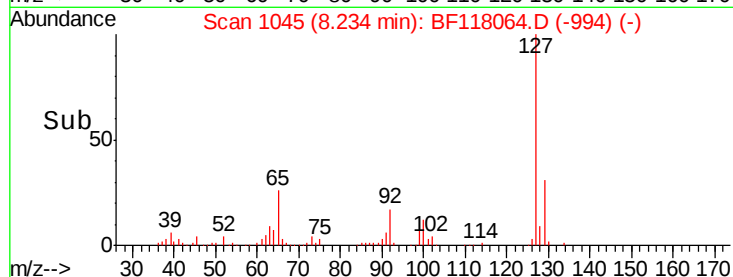
#33
4-Chloroaniline
Concen: 19.715 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	219756
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.4	38.0
65	26.2	23.4	35.0
92	17.4	15.1	22.7

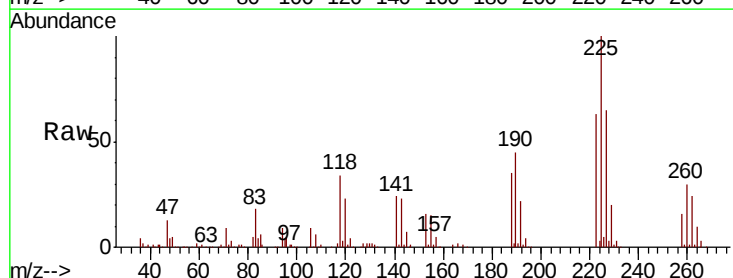


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

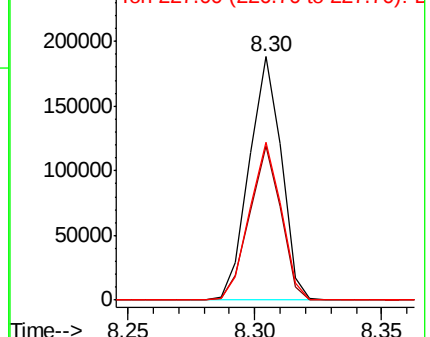
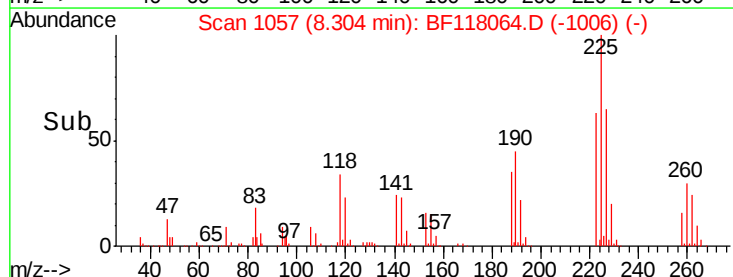


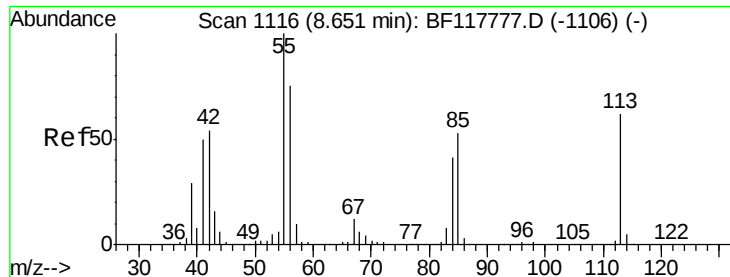
#34
Hexachlorobutadiene
Concen: 32.393 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:	225	Resp:	167045
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	65.0	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.173 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

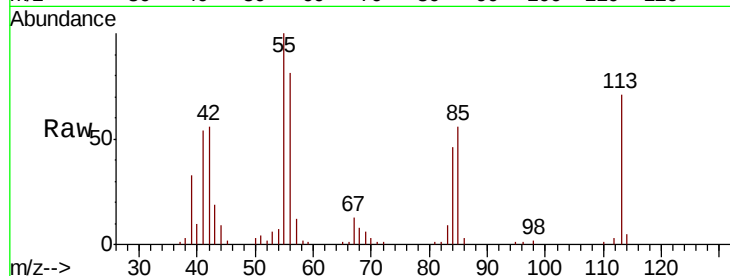
Tot Ion:113 Resp: 41502

Ion Ratio Lower Upper

113 100

55 140.4 125.5 165.5

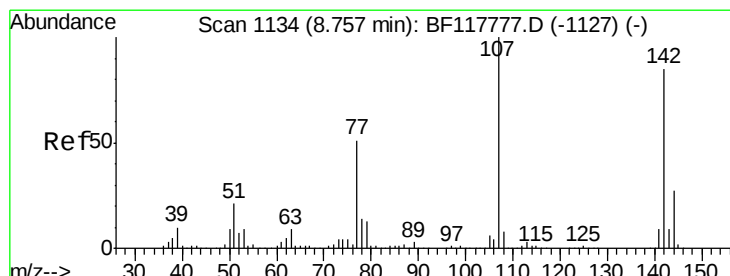
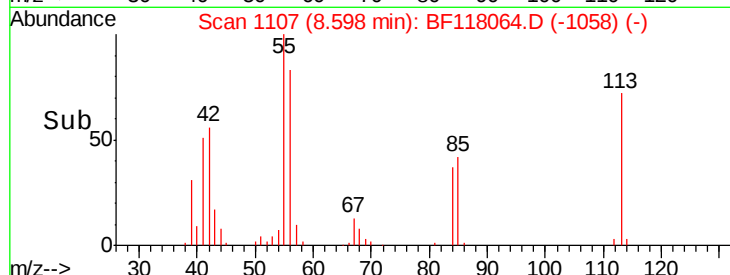
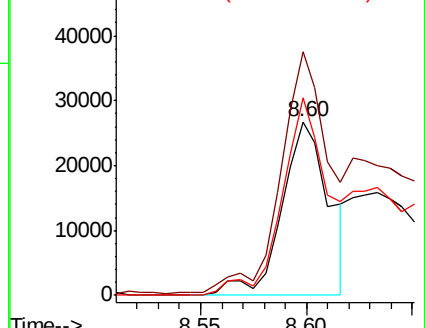
56 114.2 88.0 128.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.730 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

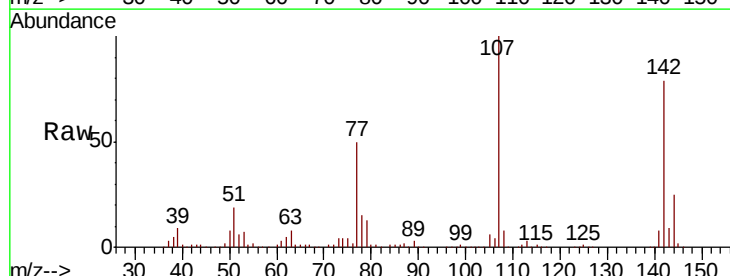
Tgt Ion:107 Resp: 291168

Ion Ratio Lower Upper

107 100

144 25.3 20.6 30.8

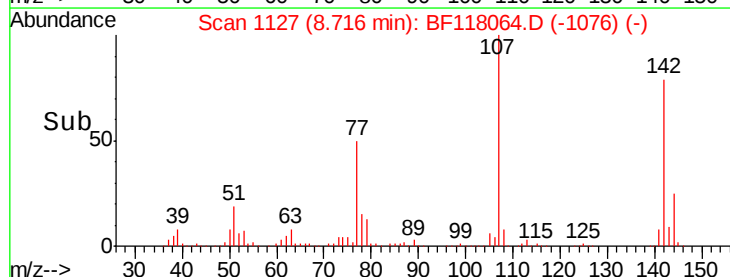
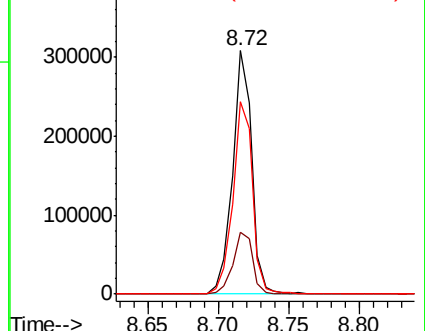
142 79.1 62.5 93.7

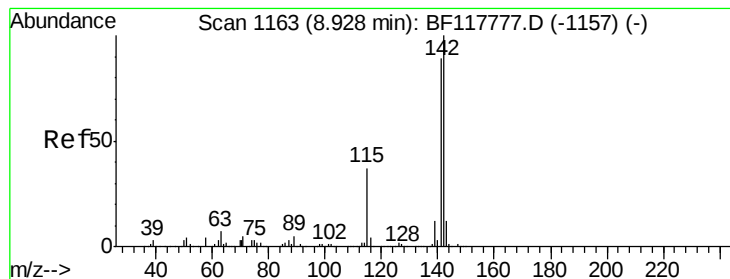


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.912 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

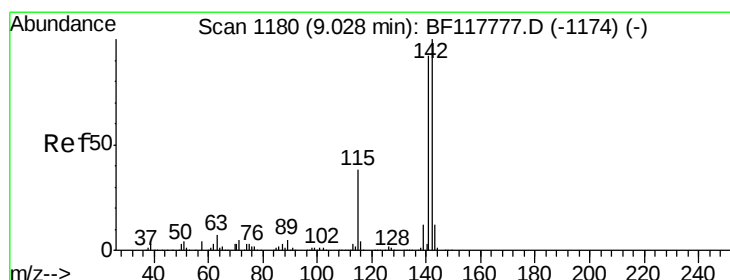
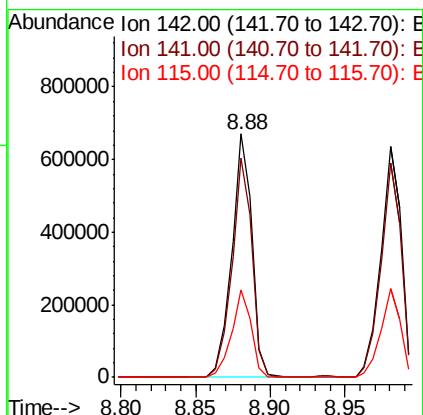
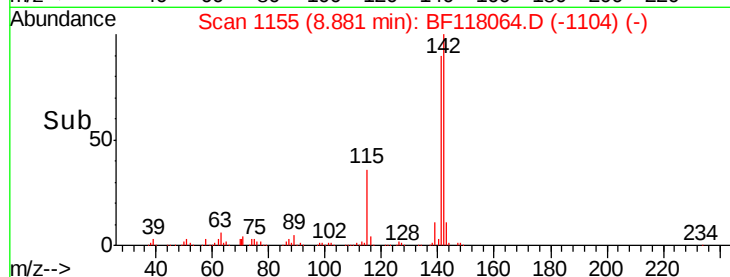
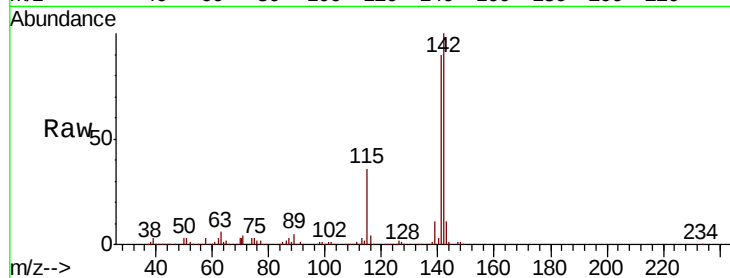
Tot Ion:142 Resp: 637821

Ion Ratio Lower Upper

142 100

141 90.3 70.2 105.4

115 36.1 29.2 43.8



#38

1-Methylnaphthalene

Concen: 37.411 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

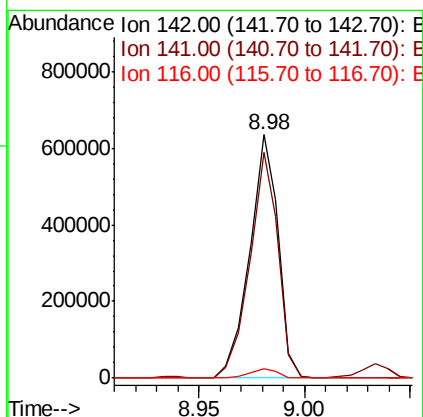
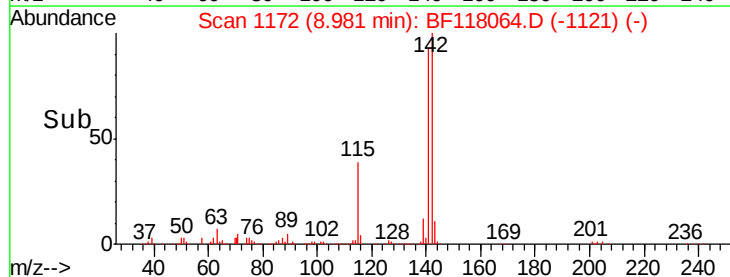
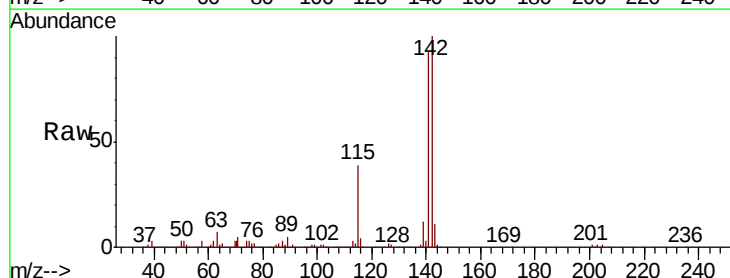
Tgt Ion:142 Resp: 595026

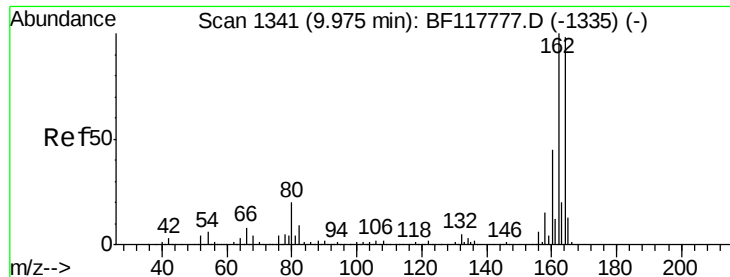
Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4

116 3.9 3.1 4.7

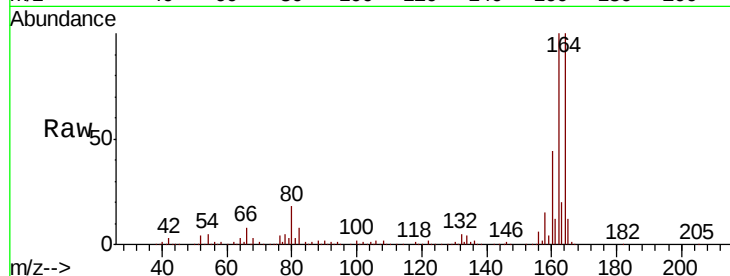




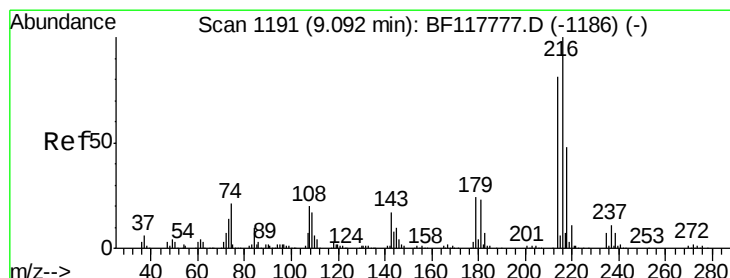
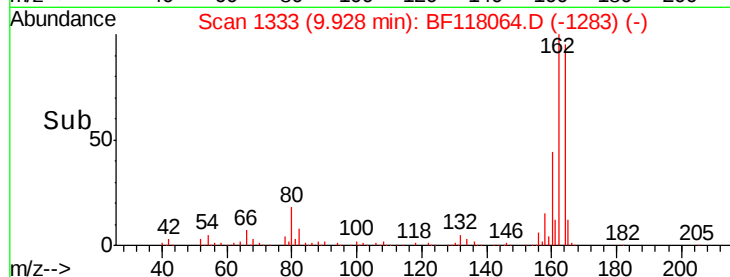
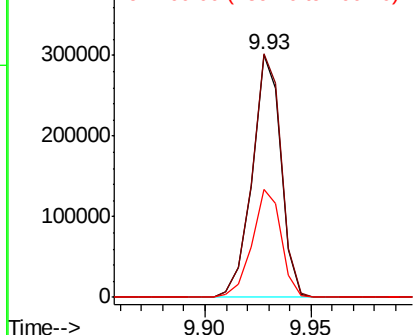
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 284214
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.8 122.8
 160 44.5 35.9 53.9

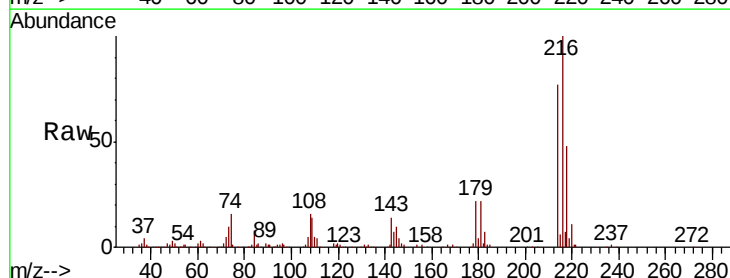


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

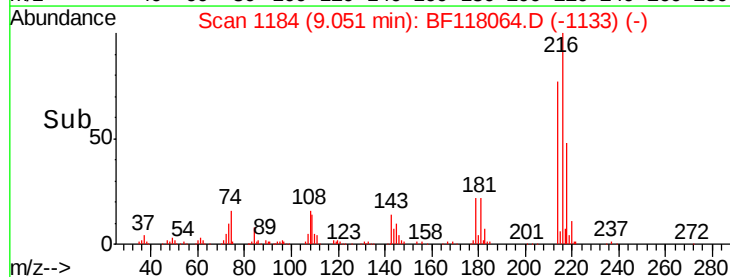
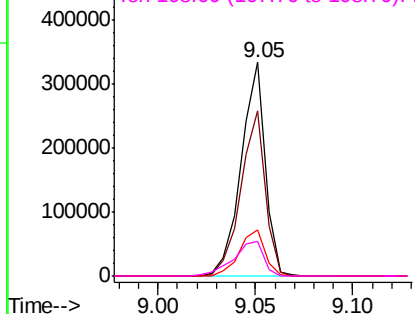


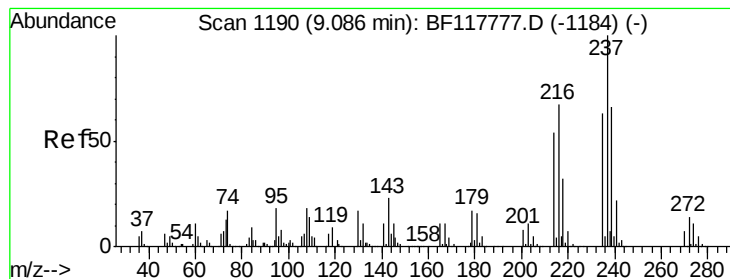
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.591 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:216 Resp: 285508
 Ion Ratio Lower Upper
 216 100
 214 78.4 63.0 94.4
 179 22.6 18.5 27.7
 108 20.6 15.4 23.2



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.141 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

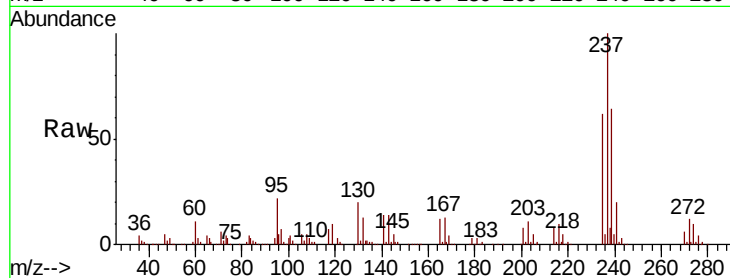
Tot Ion:237 Resp: 273553

Ion Ratio Lower Upper

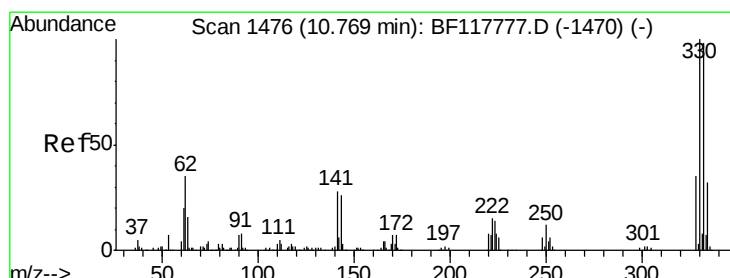
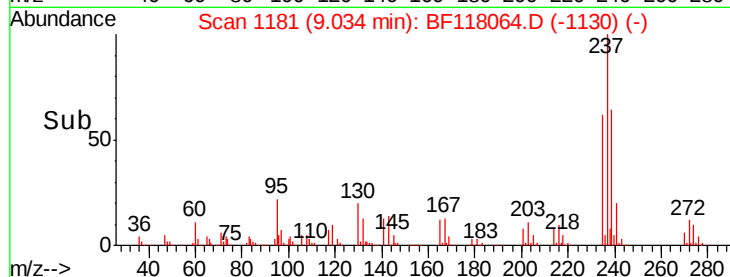
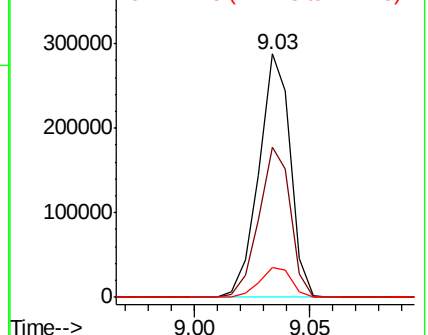
237 100

235 61.8 43.7 83.7

272 12.4 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.232 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

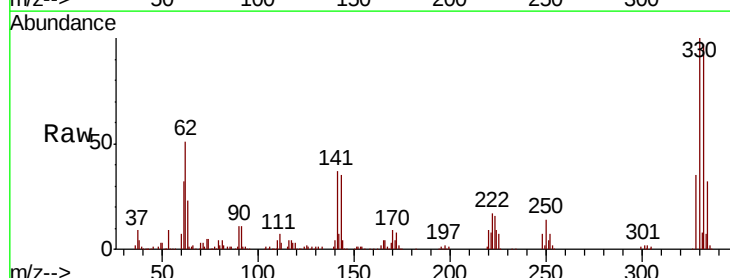
Tgt Ion:330 Resp: 355754

Ion Ratio Lower Upper

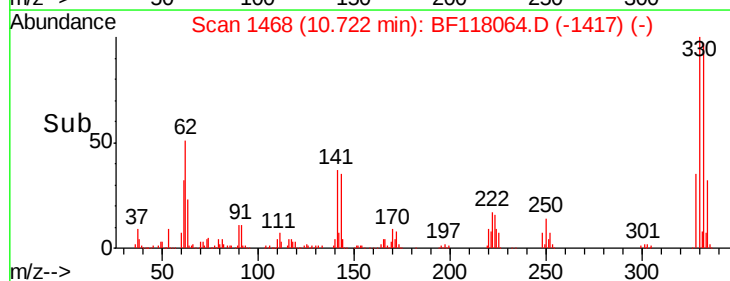
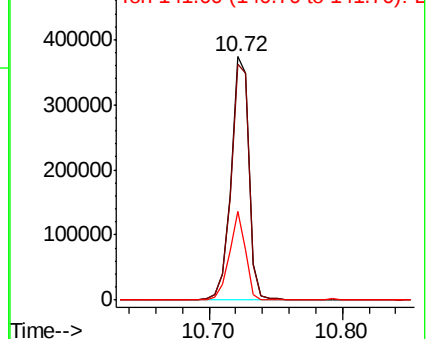
330 100

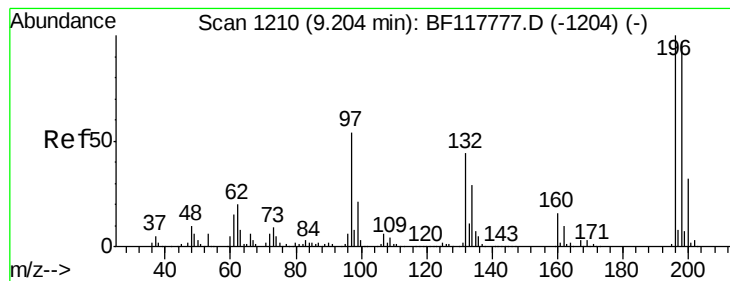
332 98.4 78.3 117.5

141 33.0 26.4 39.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 34.135 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

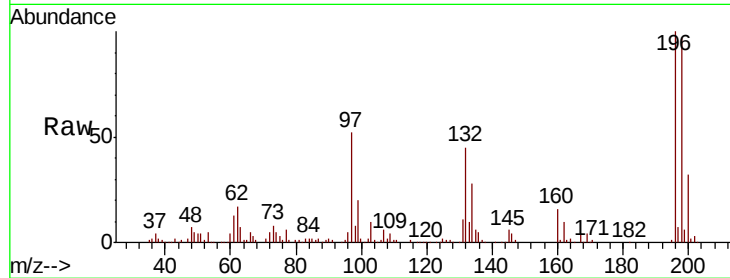
Tot Ion:196 Resp: 201804

Ion Ratio Lower Upper

196 100

198 97.1 76.9 115.3

200 32.3 24.2 36.4

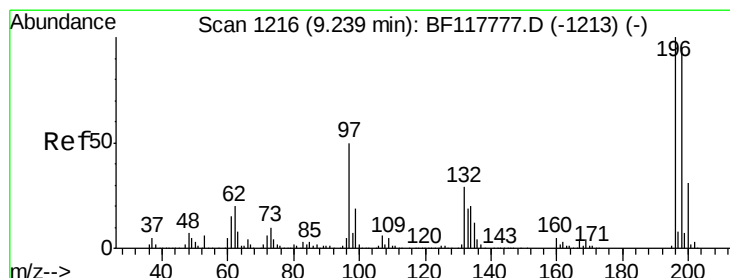
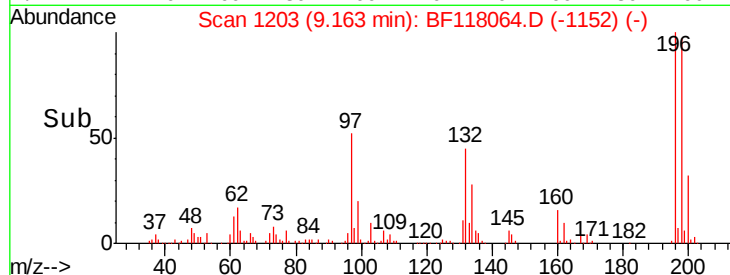
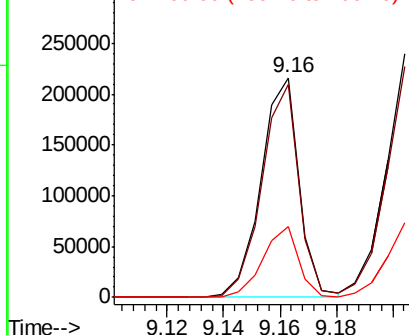


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.329 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:196 Resp: 216858

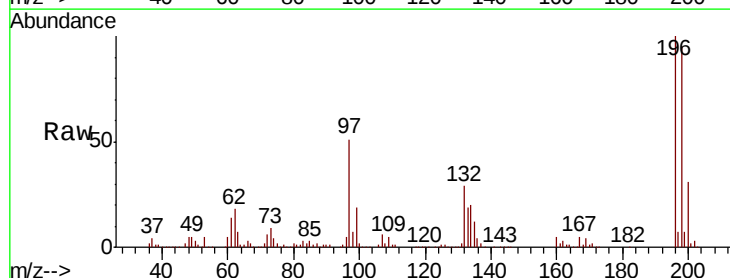
Ion Ratio Lower Upper

196 100

198 94.6 78.1 117.1

97 50.8 37.4 56.2

132 28.9 22.7 34.1



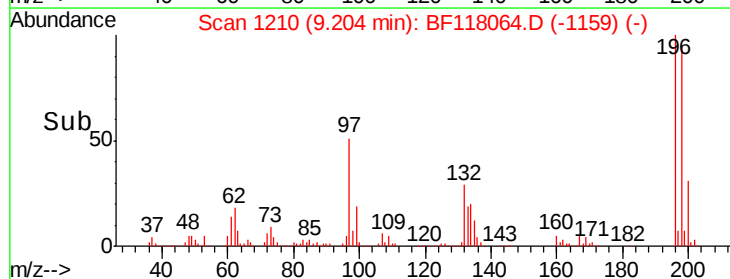
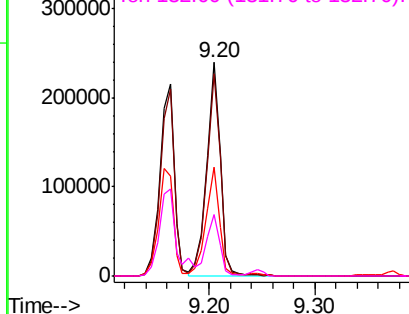
Abundance

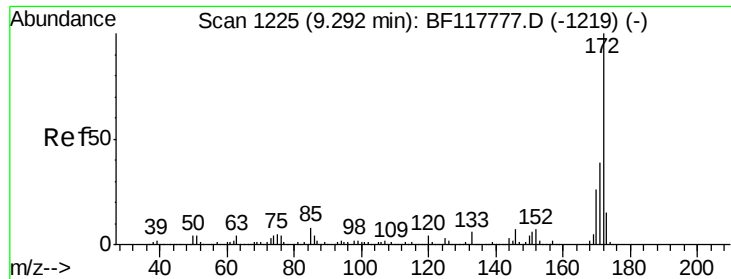
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

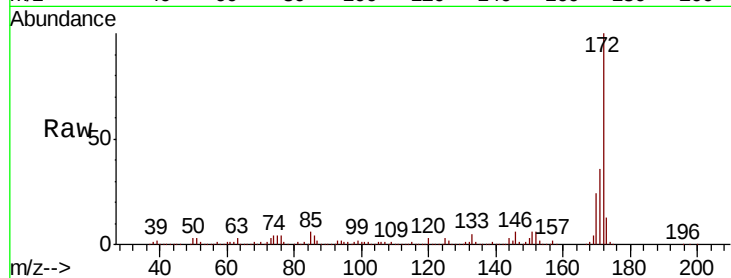




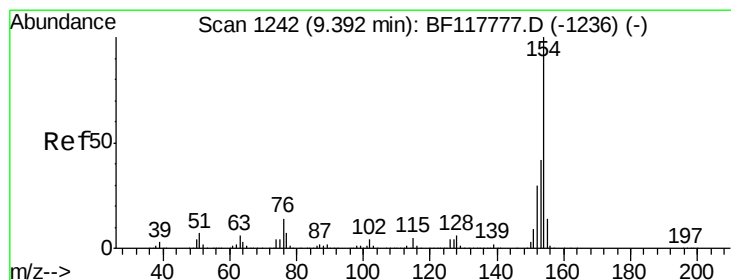
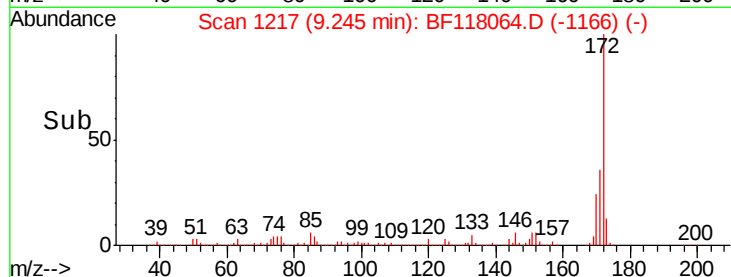
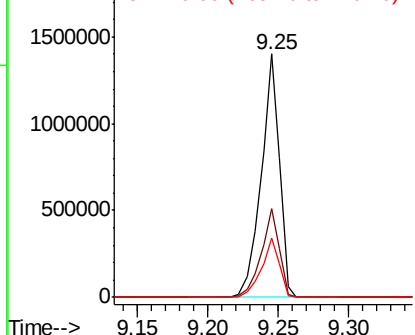
#45
2-Fluorobiphenyl
Concen: 80.693 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1278356
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.3 19.3 28.9

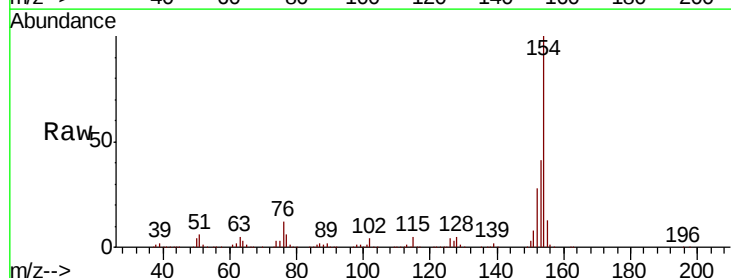


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

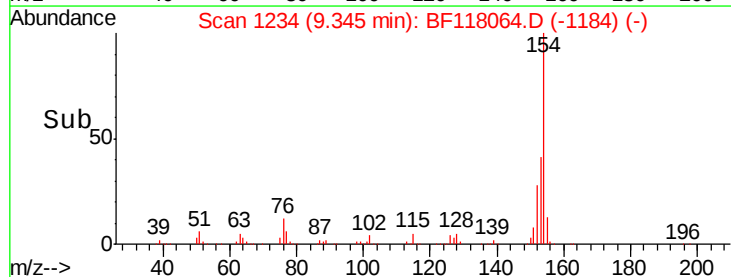
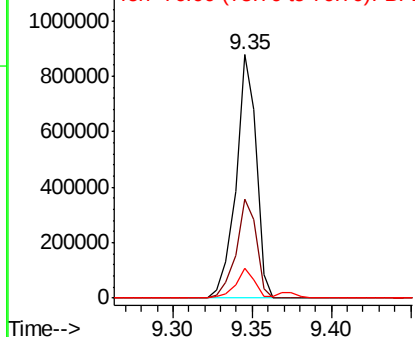


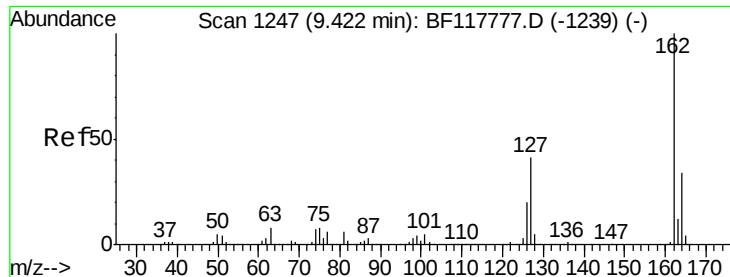
#46
1,1'-Biphenyl
Concen: 36.672 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:154 Resp: 773259
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 12.1 0.0 30.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

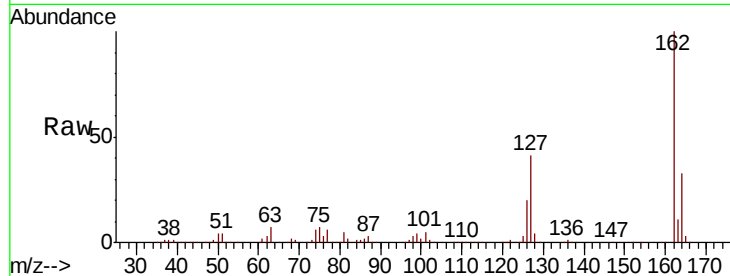




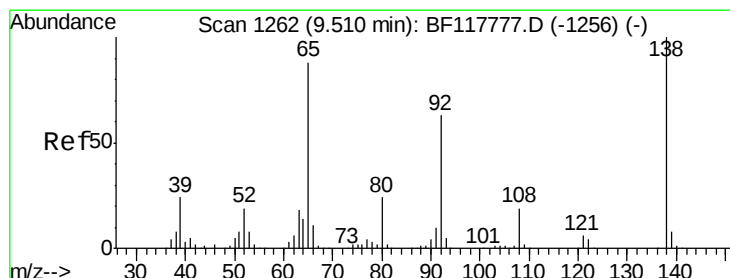
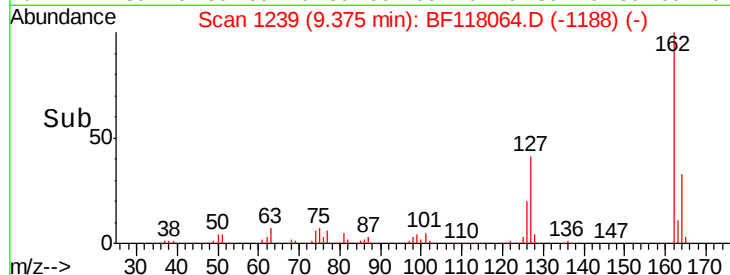
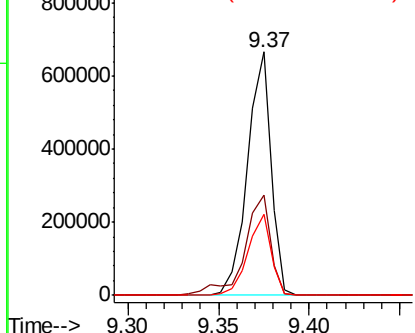
#47
 2-Chloronaphthalene
 Concen: 34.568 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 599635
 Ion Ratio Lower Upper
 162 100
 127 41.0 34.6 52.0
 164 33.3 26.0 39.0

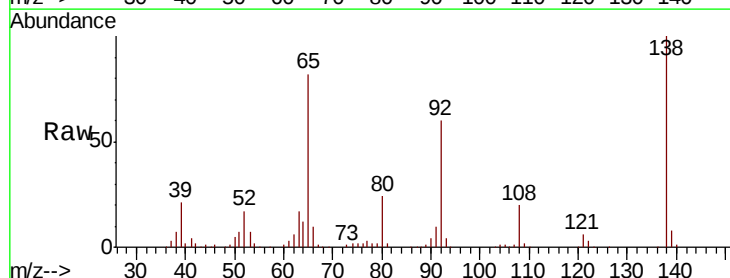


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

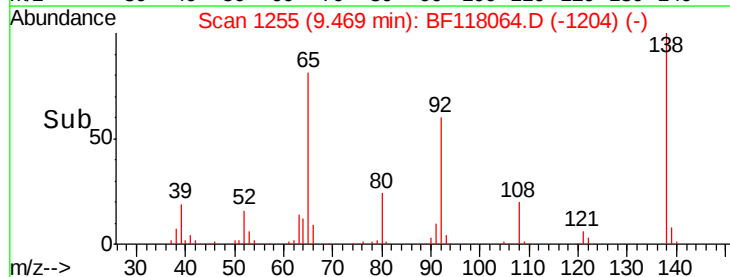
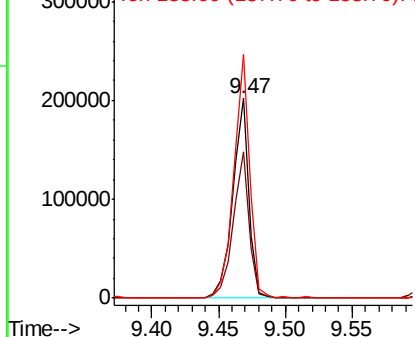


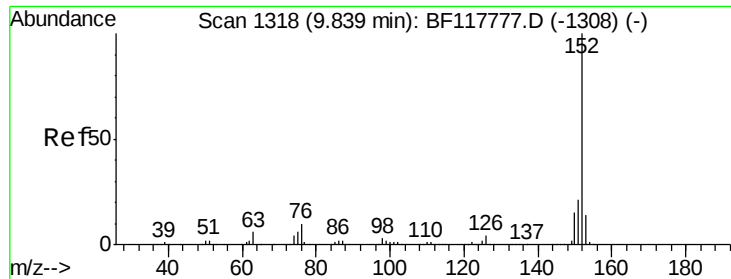
#48
 2-Nitroaniline
 Concen: 32.962 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion: 65 Resp: 172623
 Ion Ratio Lower Upper
 65 100
 92 73.6 57.9 86.9
 138 121.9 96.2 144.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.798 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

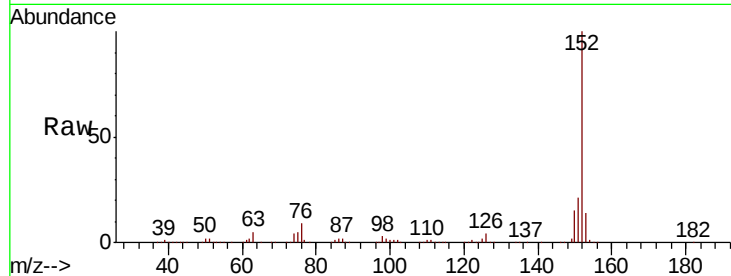
Tot Ion:152 Resp: 955914

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1

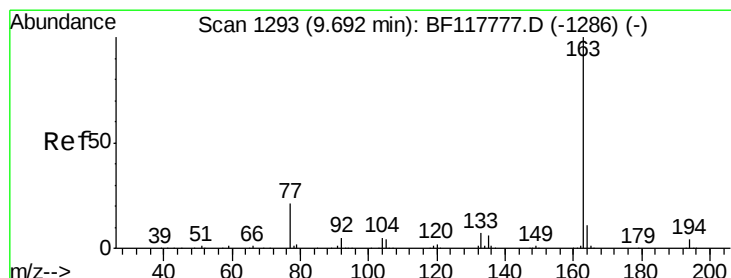
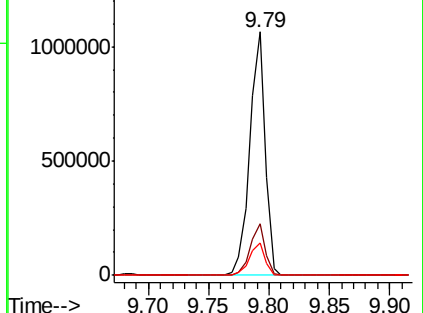
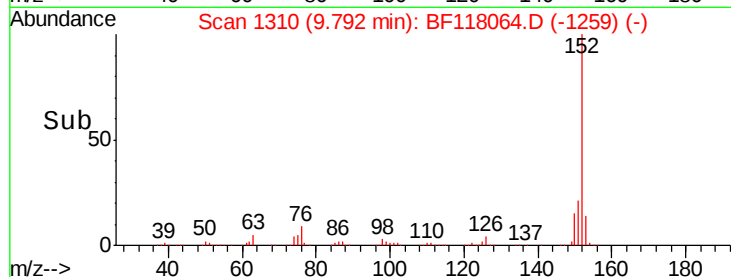
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.653 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

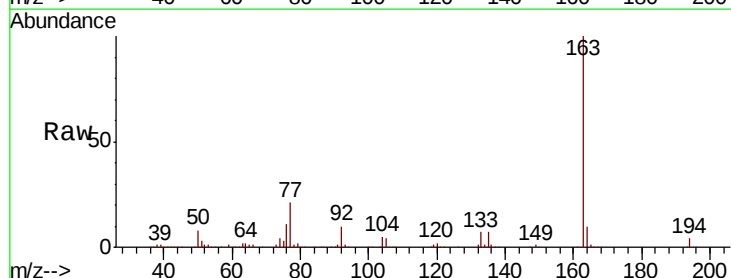
Tgt Ion:163 Resp: 710576

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

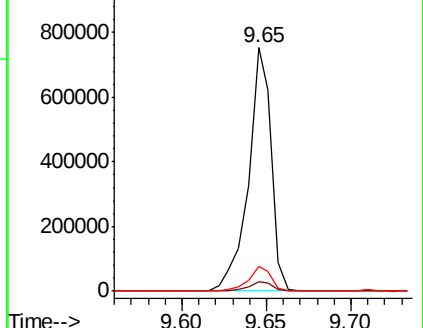
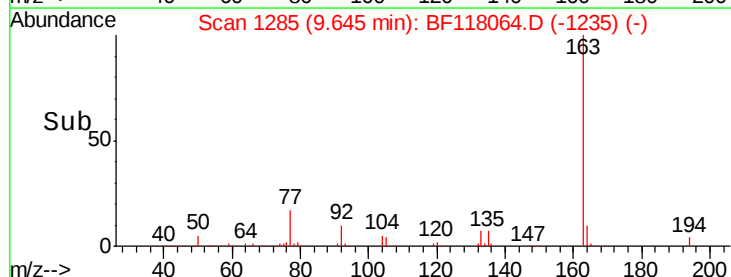
164 10.4 7.9 11.9

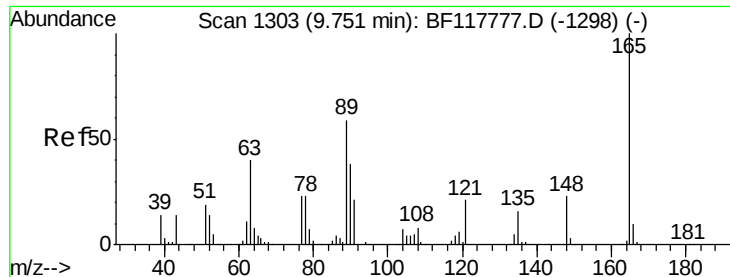


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.886 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

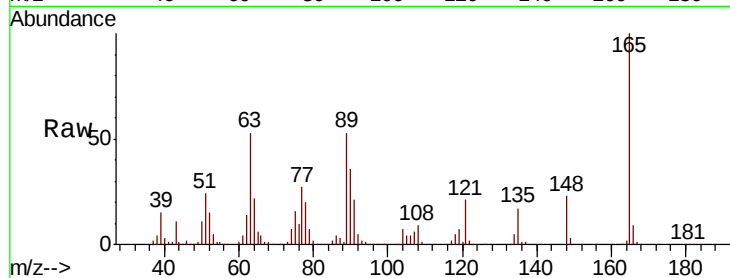
Tot Ion:165 Resp: 160670

Ion Ratio Lower Upper

165 100

63 52.6 43.9 65.9

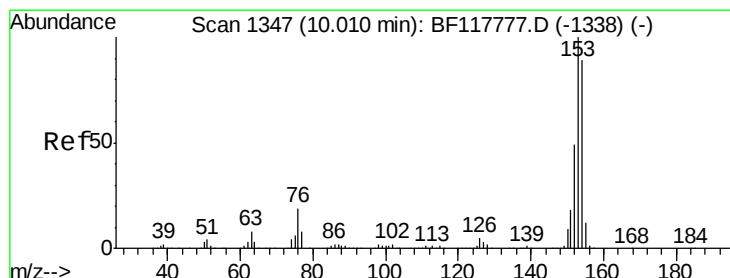
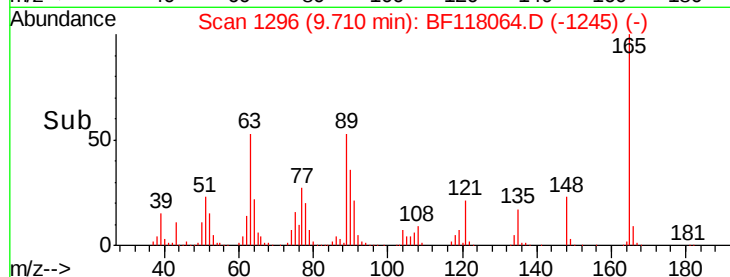
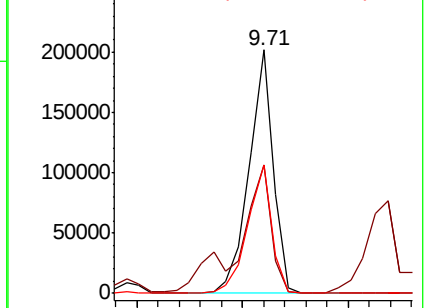
89 53.0 45.5 68.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.538 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

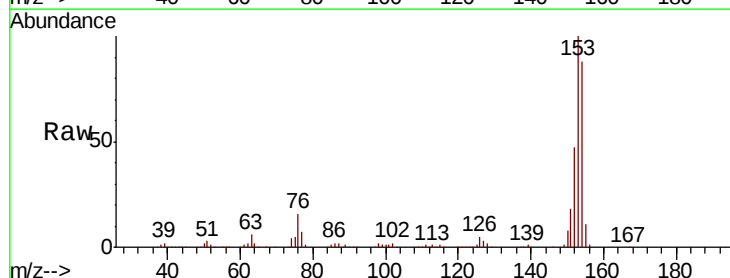
Tgt Ion:154 Resp: 559541

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

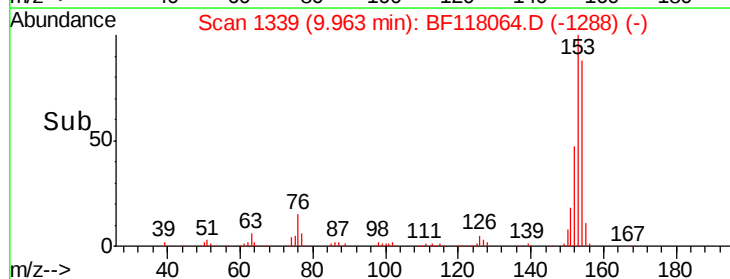
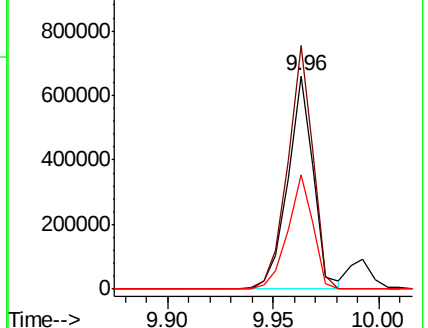
152 53.6 43.6 65.4

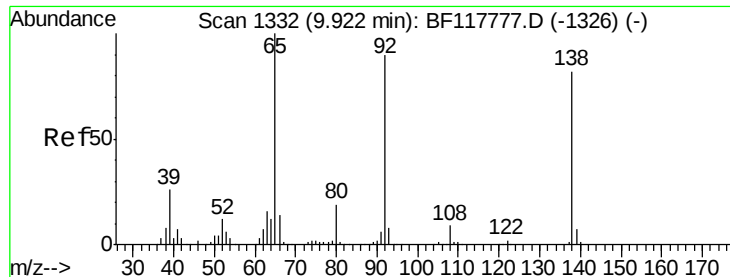


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

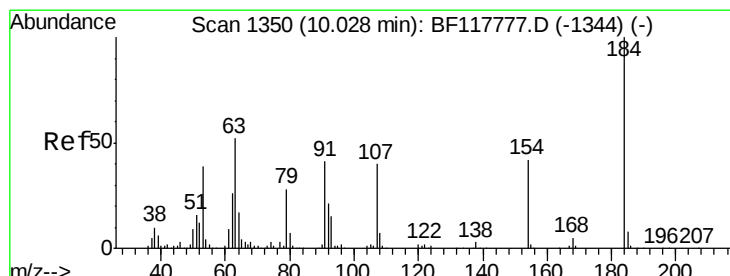
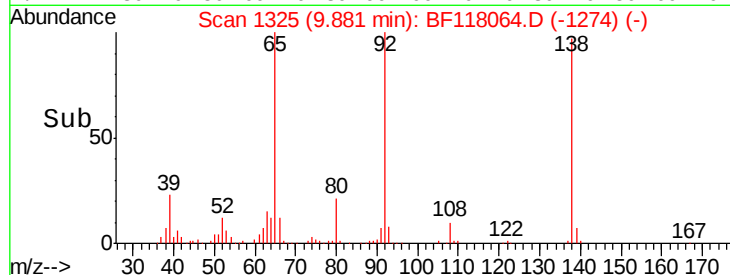
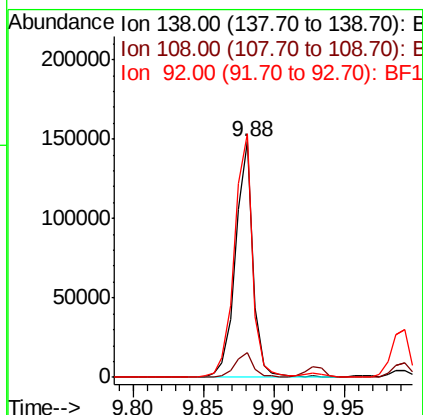
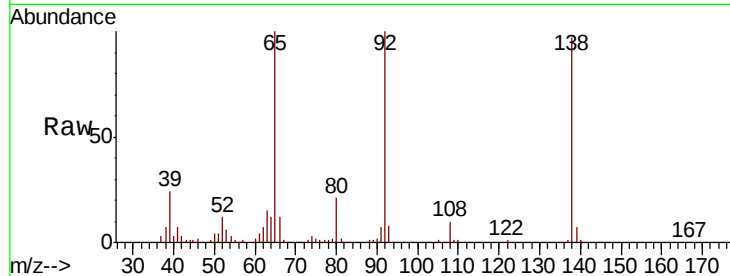




#53
3-Nitroaniline
Concen: 24.643 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

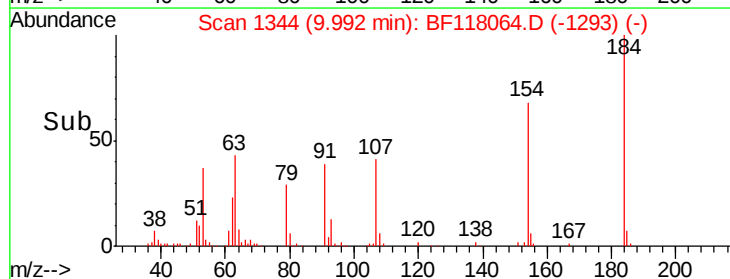
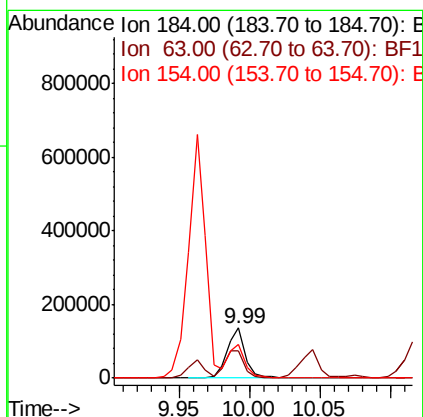
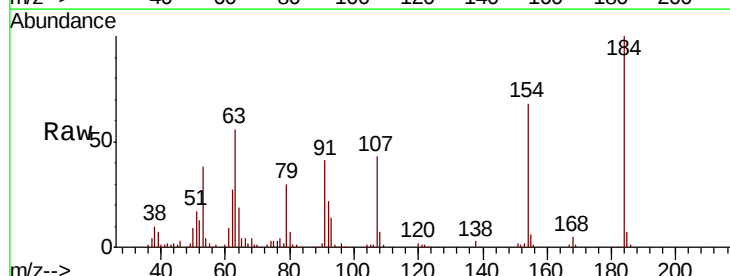
Instrument :
BNA_F
ClientSampleId :

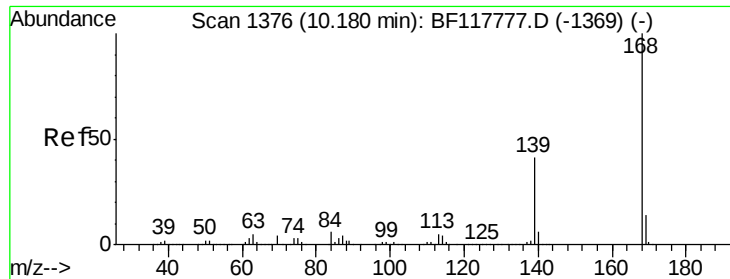
Tot Ion:138 Resp: 128441
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 103.4 87.4 131.0



#54
2,4-Dinitrophenol
Concen: 56.568 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:184 Resp: 121398
Ion Ratio Lower Upper
184 100
63 55.9 45.3 67.9
154 67.5 51.6 77.4

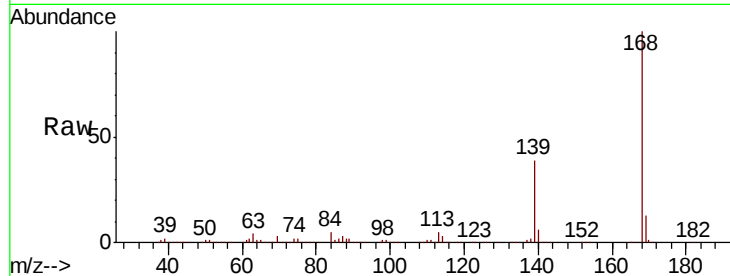




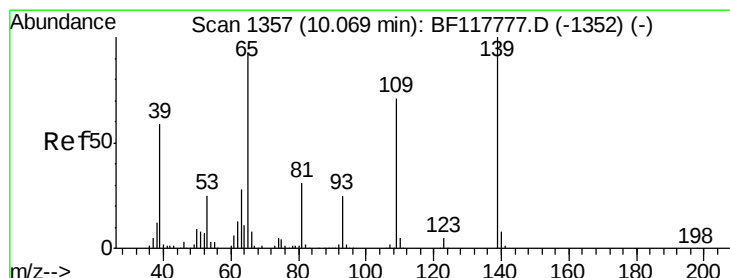
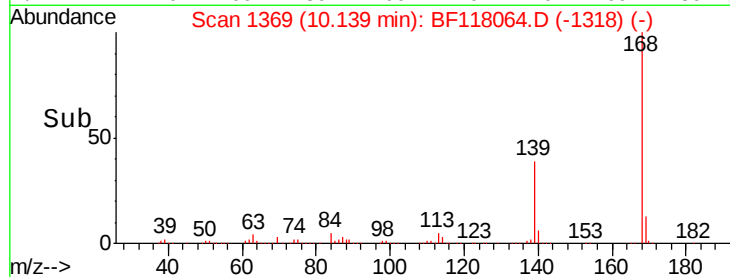
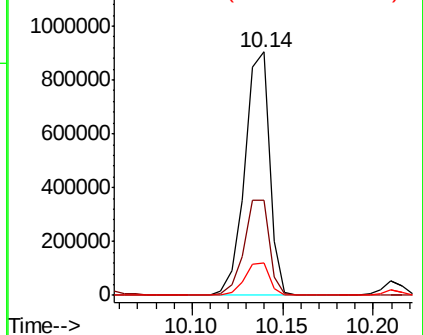
#55
Dibenzofuran
Concen: 38.302 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 859273
Ion Ratio Lower Upper
168 100
139 38.8 32.5 48.7
169 13.2 10.8 16.2

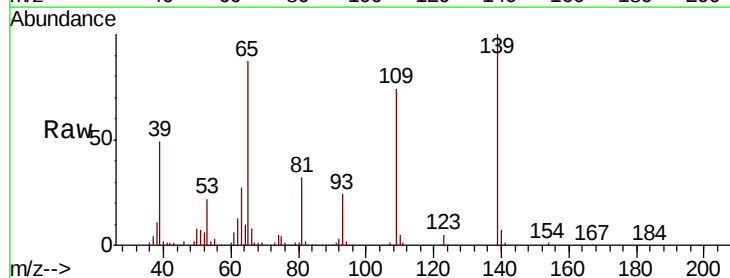


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

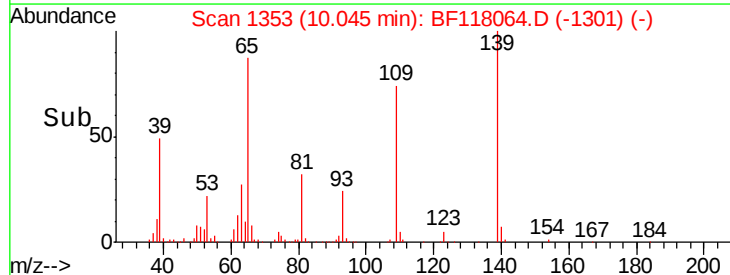
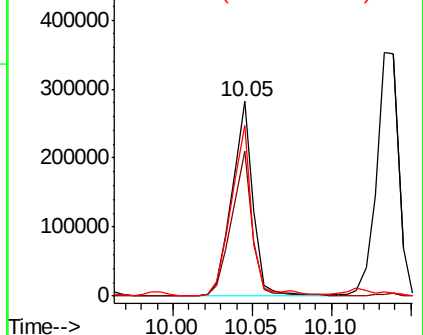


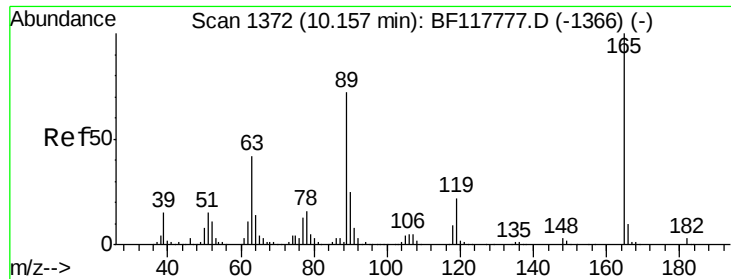
#56
4-Nitrophenol
Concen: 67.259 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:139 Resp: 261668
Ion Ratio Lower Upper
139 100
109 74.4 55.2 95.2
65 87.5 68.7 108.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

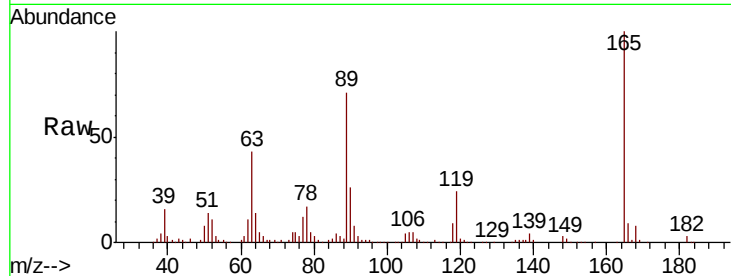




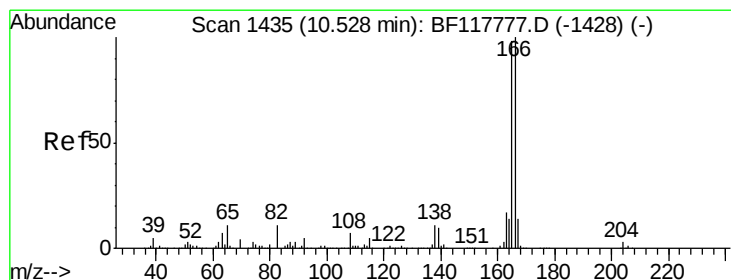
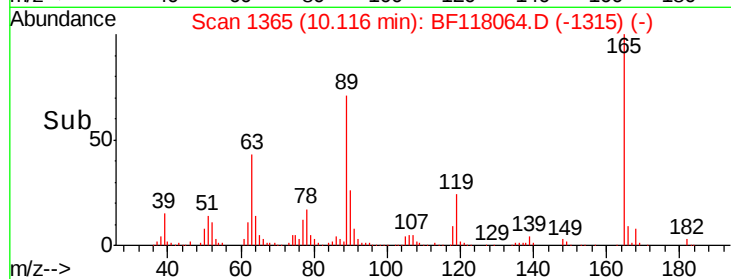
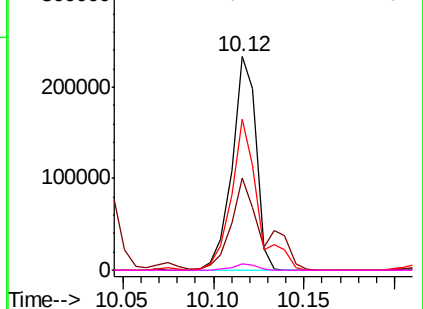
#57
2,4-Dinitrotoluene
Concen: 38.882 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	26.5	39.7#
89	71.0	47.2	70.8#
182	3.2	2.3	3.5

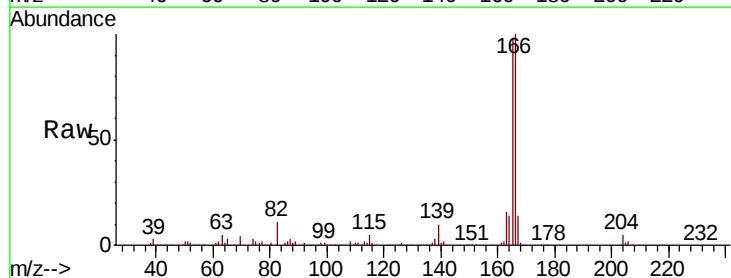


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

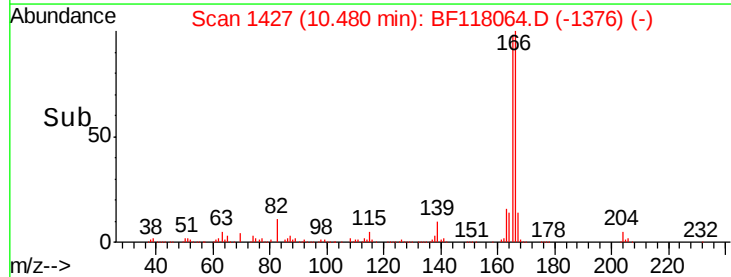
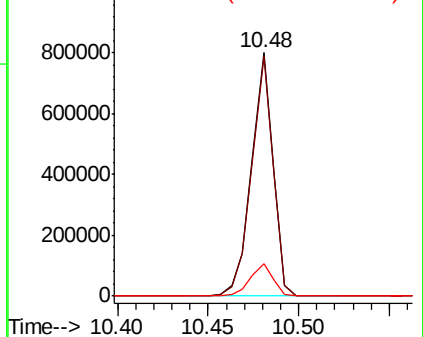


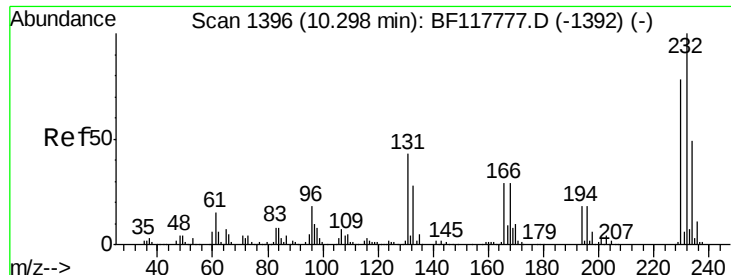
#58
Fluorene
Concen: 38.211 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.4	116.2
167	13.5	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

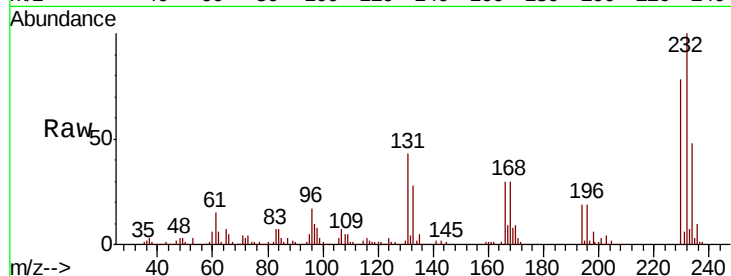




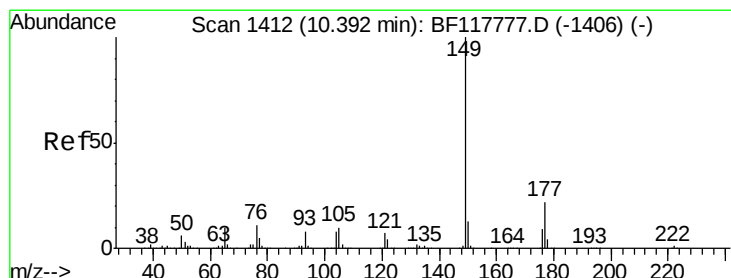
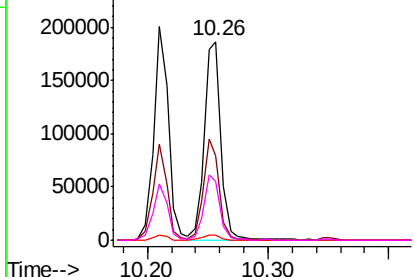
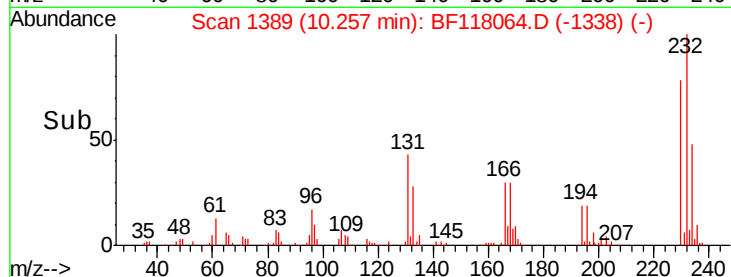
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.154 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 177298
 Ion Ratio Lower Upper
 232 100
 131 47.6 38.8 58.2
 130 2.7 1.9 2.9
 166 32.6 25.9 38.9

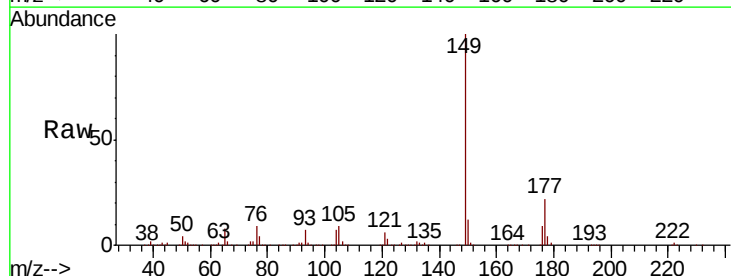


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

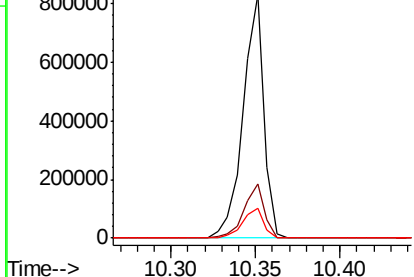
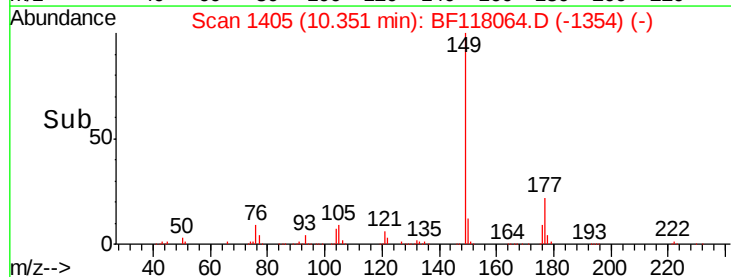


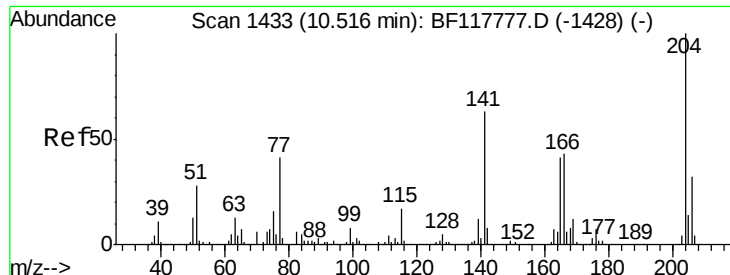
#60
 Diethylphthalate
 Concen: 36.524 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:149 Resp: 709692
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.6 26.4
 150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

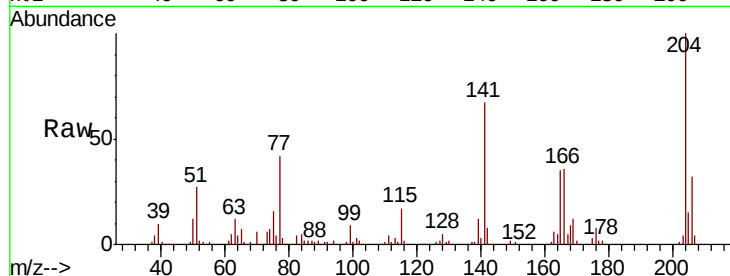




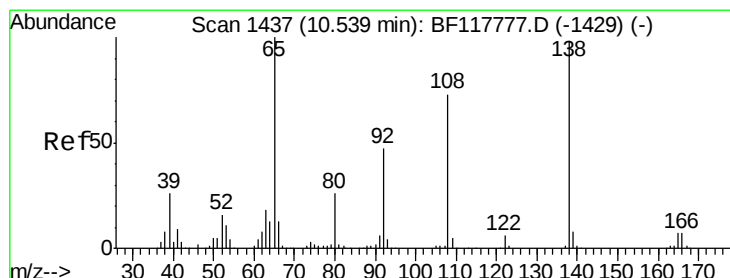
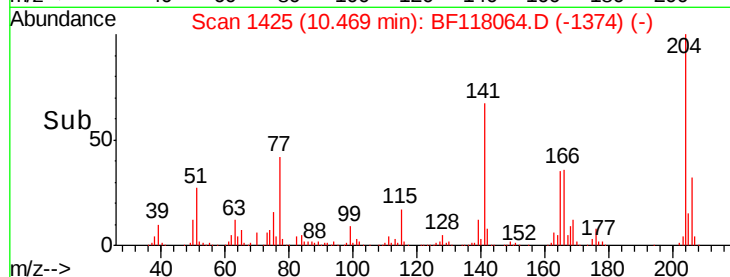
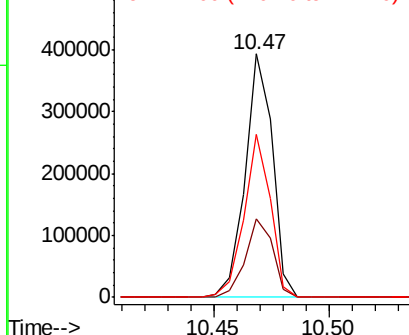
#61
4-Chlorophenyl-phenylether
Concen: 36.935 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 325859
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 66.8 55.1 82.7

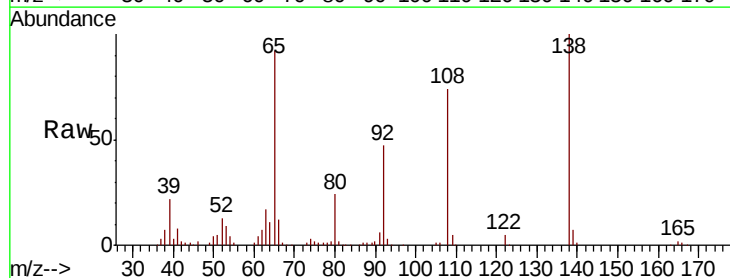


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

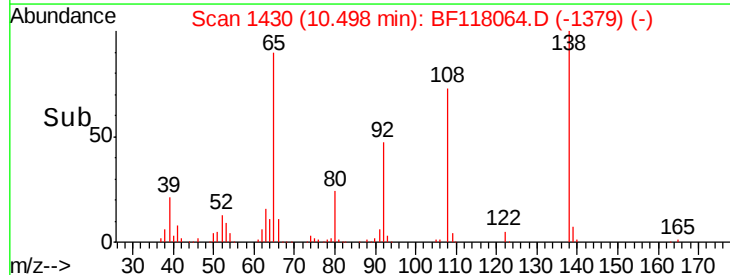
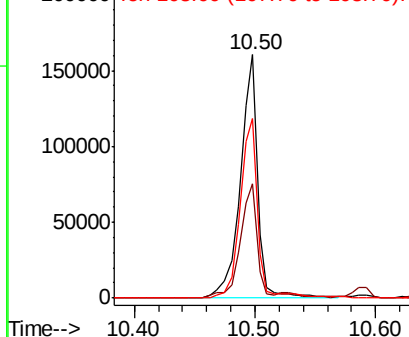


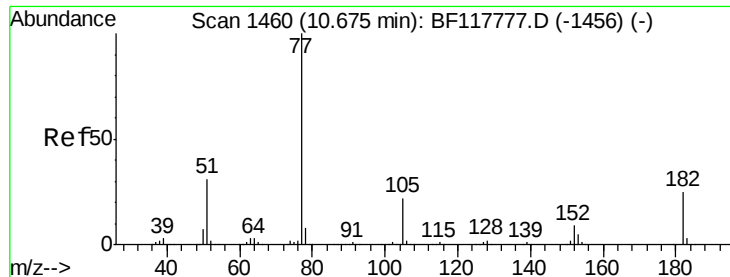
#62
4-Nitroaniline
Concen: 31.061 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:138 Resp: 162096
Ion Ratio Lower Upper
138 100
92 47.1 27.5 67.5
108 74.0 57.9 97.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.875 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 616499

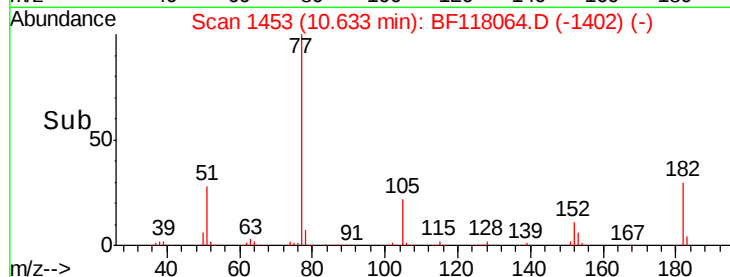
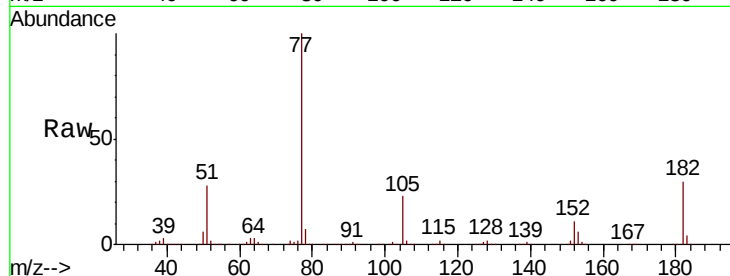
Ion Ratio Lower Upper

77 100

182 29.9 8.2 48.2

105 22.9 2.1 42.1

51 28.0 8.7 48.7

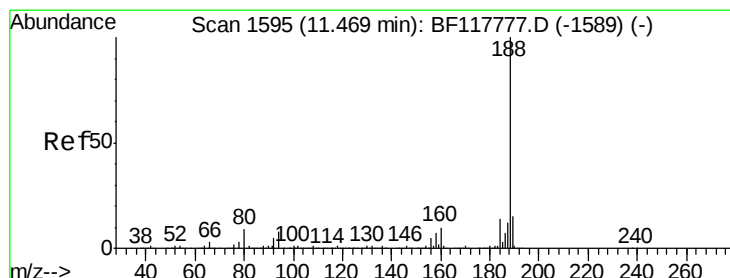
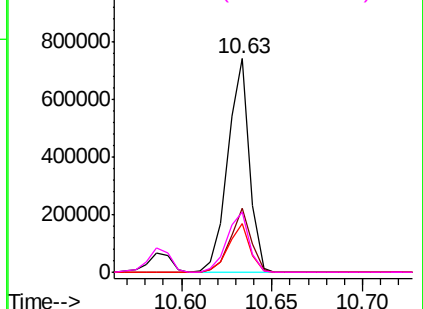


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

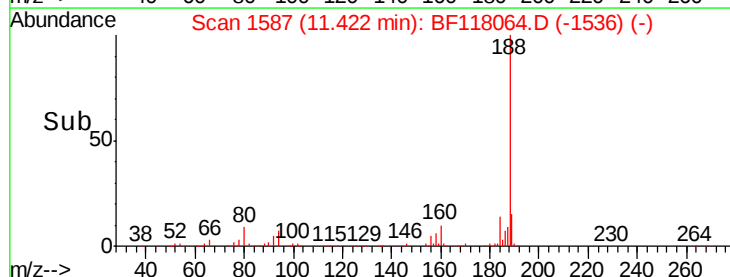
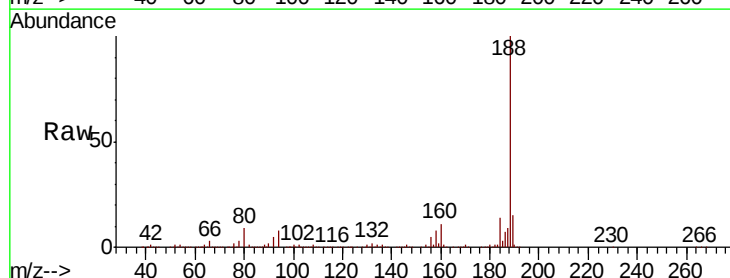
Tgt Ion: 188 Resp: 540009

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

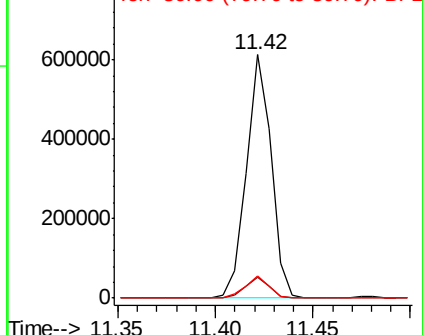
80 9.2 7.2 10.8

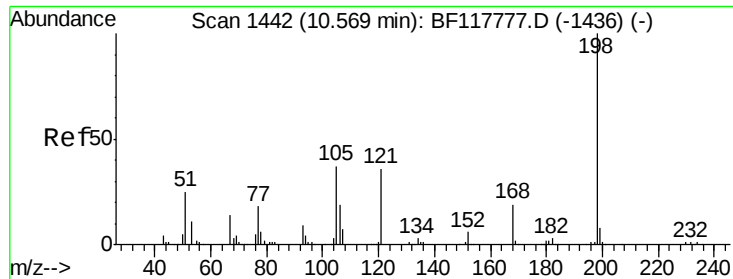


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.384 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampled :

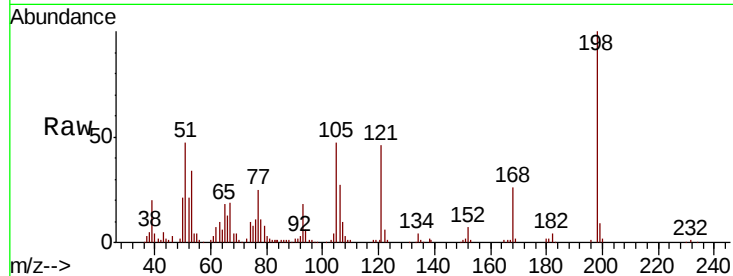
Tot Ion:198 Resp: 94244

Ion Ratio Lower Upper

198 100

51 46.8 12.6 52.6

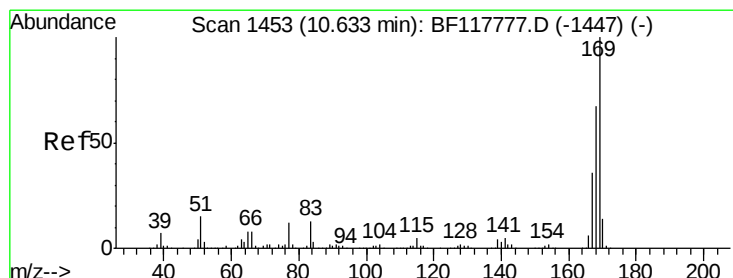
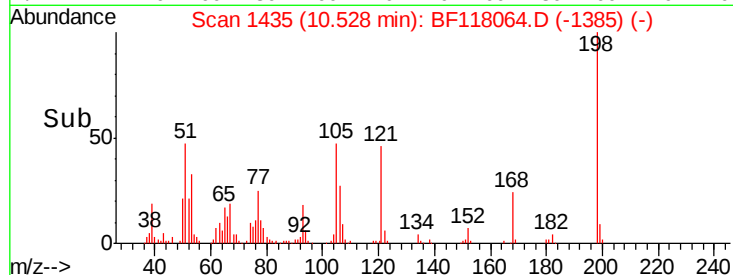
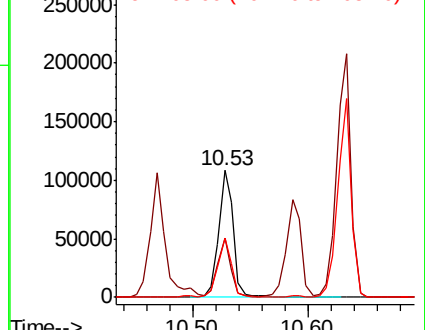
105 46.9 17.0 57.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.572 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

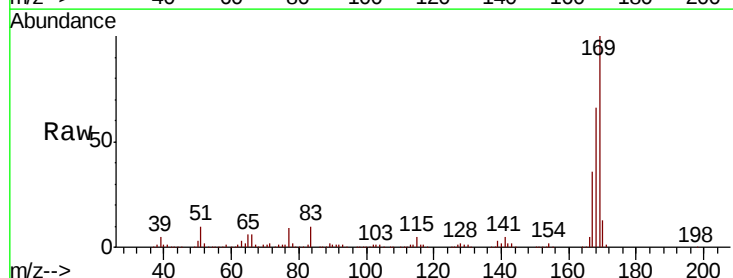
Tgt Ion:169 Resp: 590470

Ion Ratio Lower Upper

169 100

168 65.6 52.5 78.7

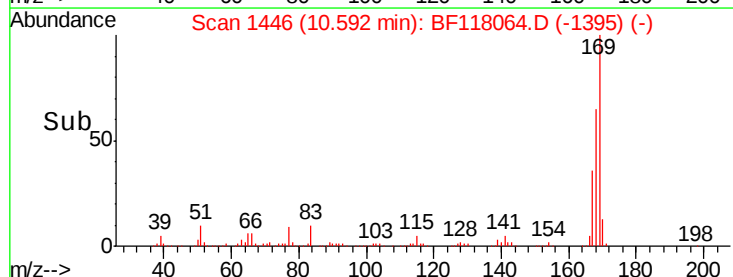
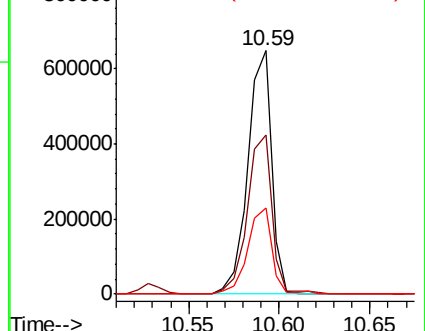
167 35.5 28.4 42.6

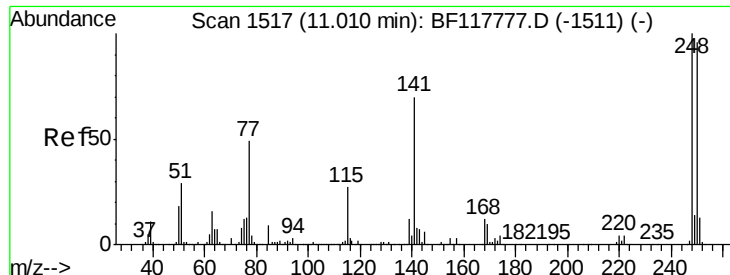


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

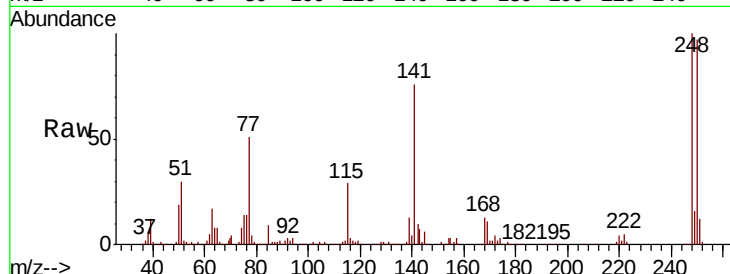




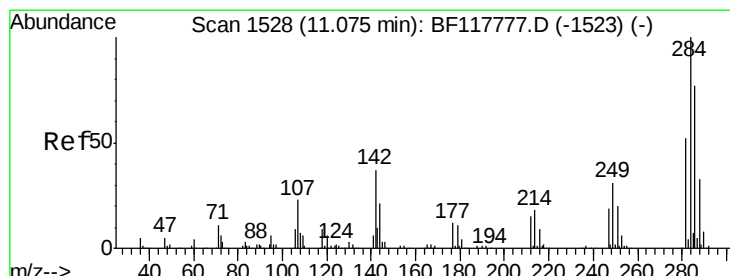
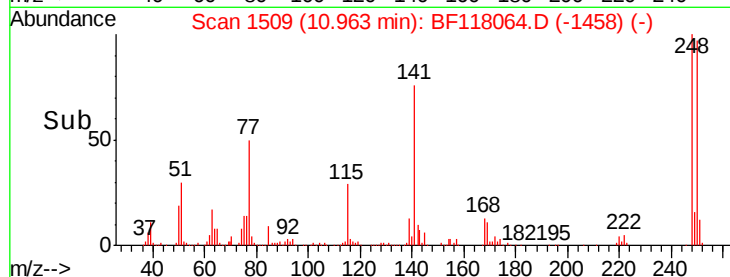
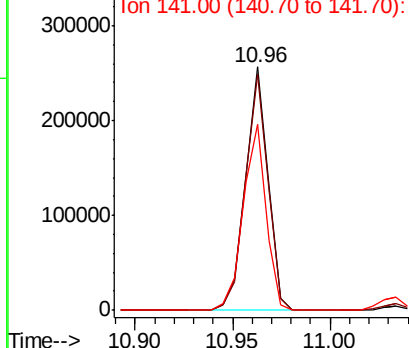
#67
4-Bromophenyl-phenylether
Concen: 35.249 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 205381
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 76.3 64.0 96.0

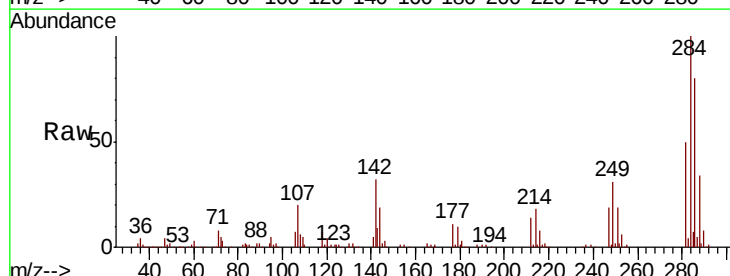


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

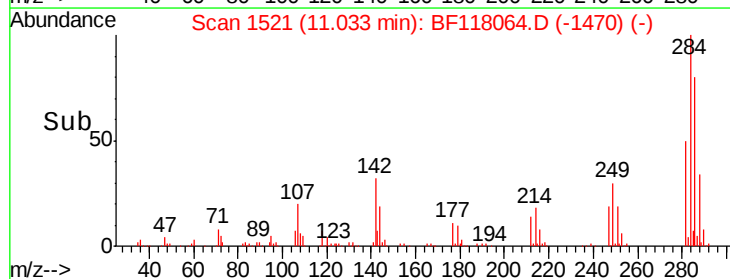
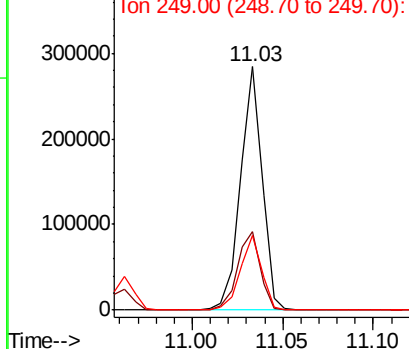


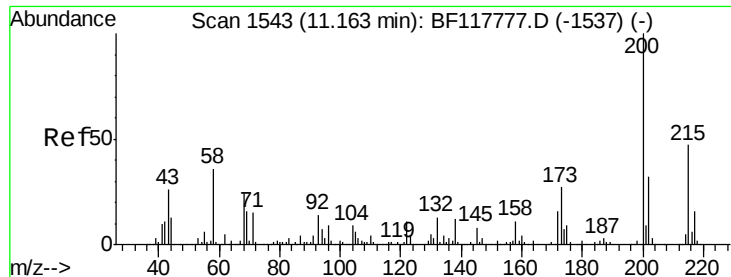
#68
Hexachlorobenzene
Concen: 34.628 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:284 Resp: 235269
Ion Ratio Lower Upper
284 100
142 32.3 27.3 40.9
249 30.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 28.944 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampled :

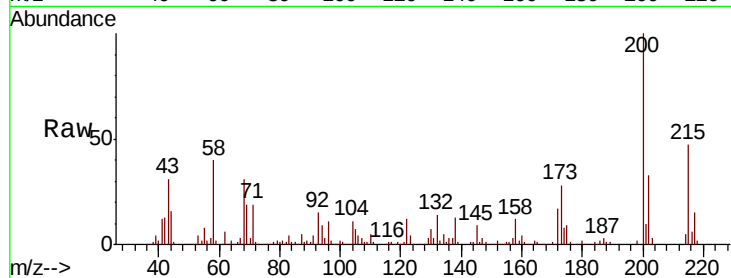
Tot Ion:200 Resp: 149632

Ion Ratio Lower Upper

200 100

173 28.0 7.9 47.9

215 46.9 27.0 67.0

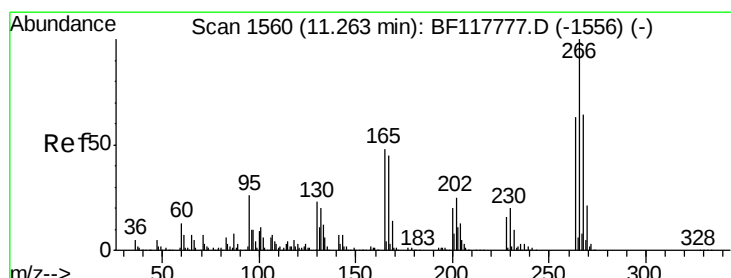
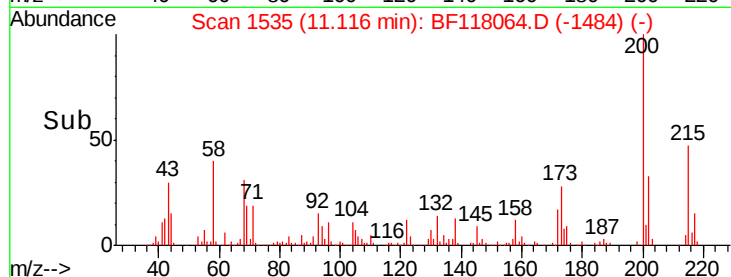
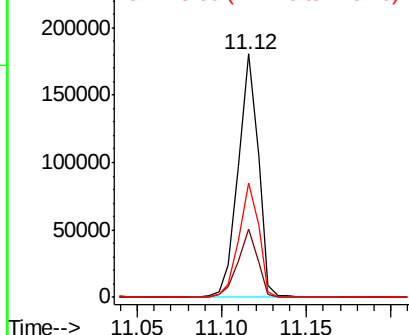


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 64.172 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

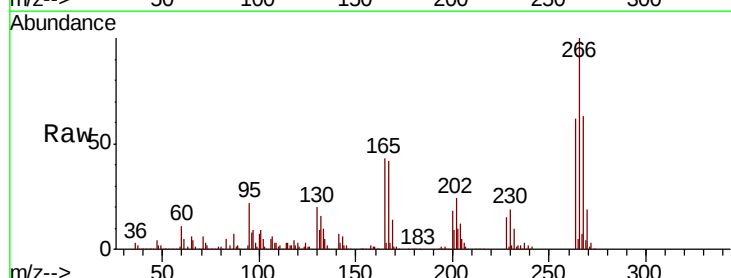
Tgt Ion:266 Resp: 254719

Ion Ratio Lower Upper

266 100

268 63.0 50.3 75.5

264 61.8 50.3 75.5

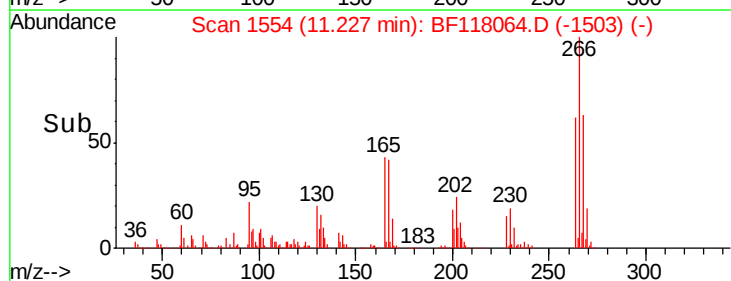
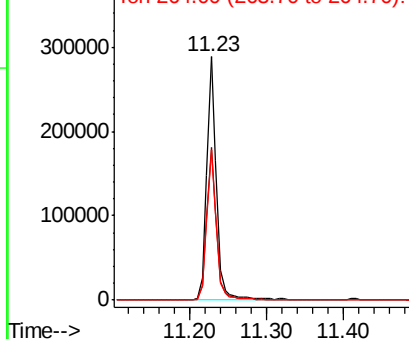


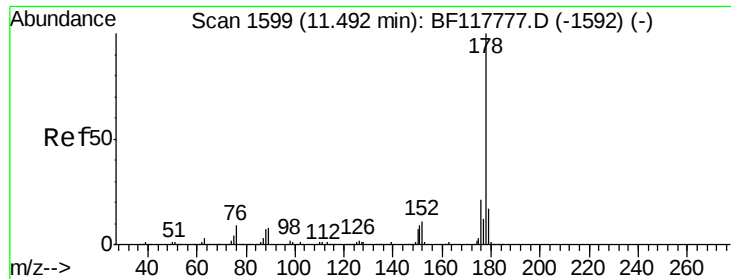
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.265 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

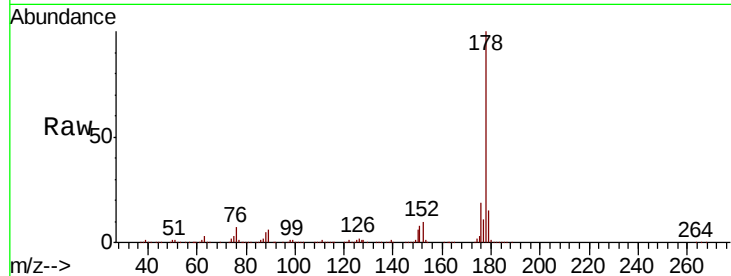
Tot Ion:178 Resp: 1011739

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

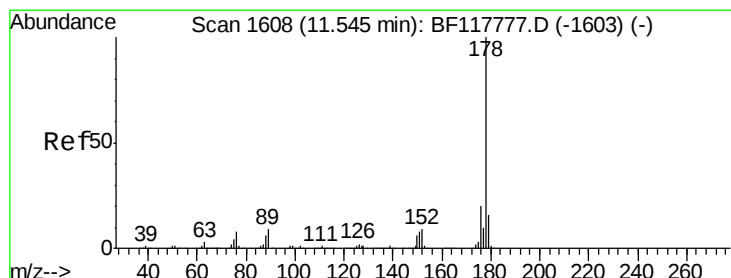
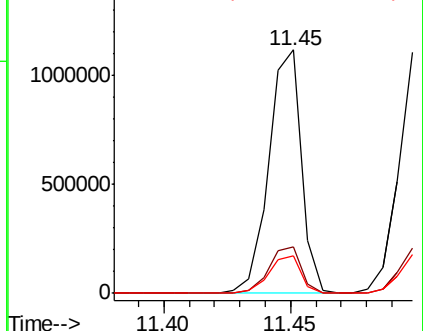
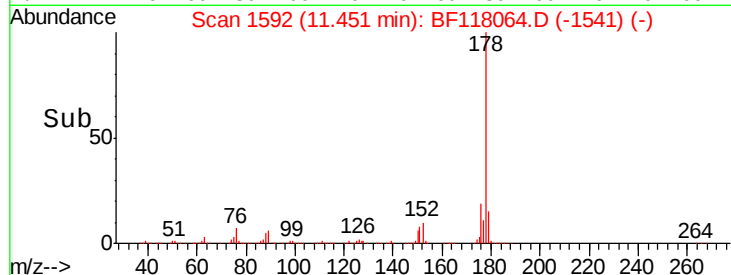
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.751 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

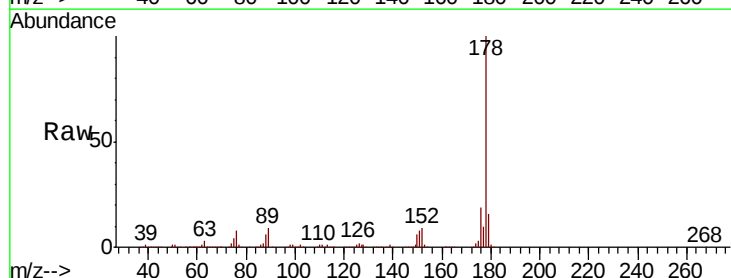
Tgt Ion:178 Resp: 1043122

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

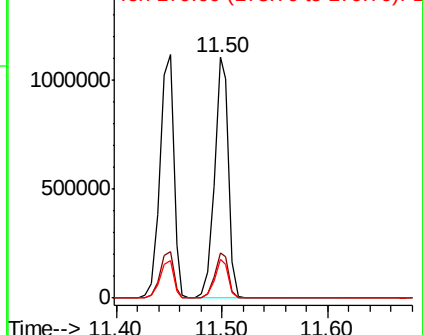
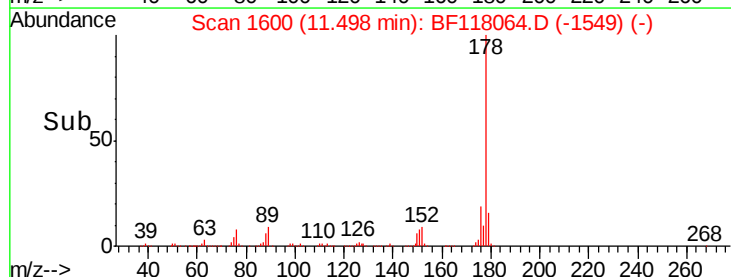
179 15.9 12.8 19.2

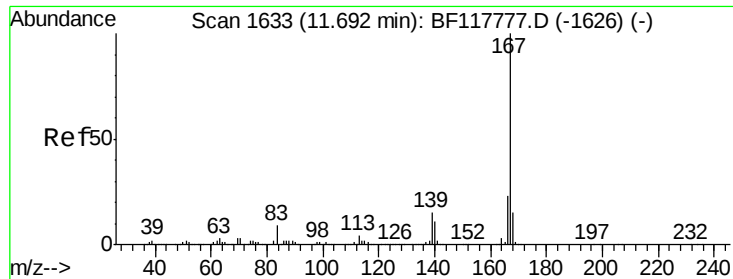


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

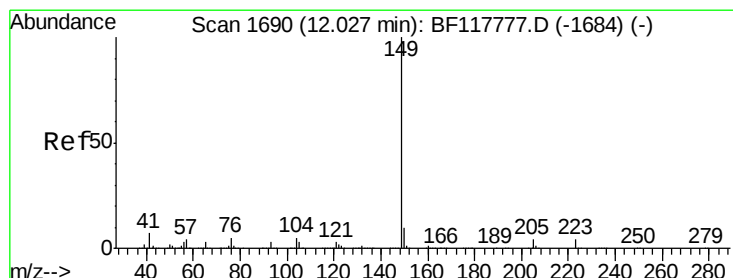
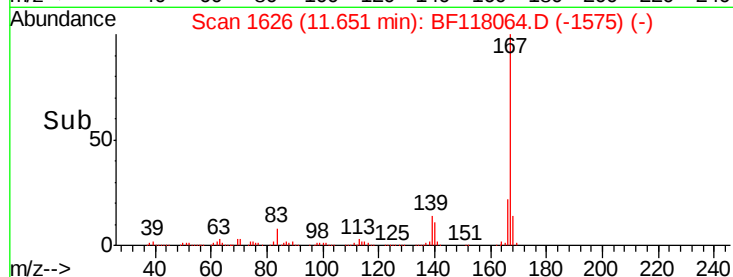
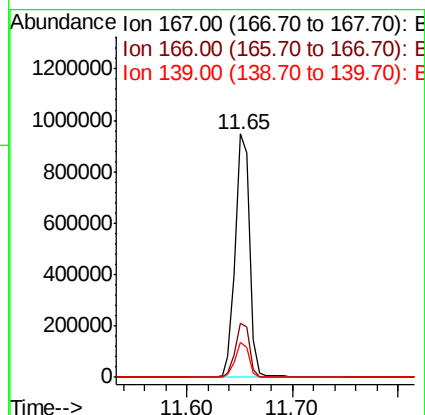
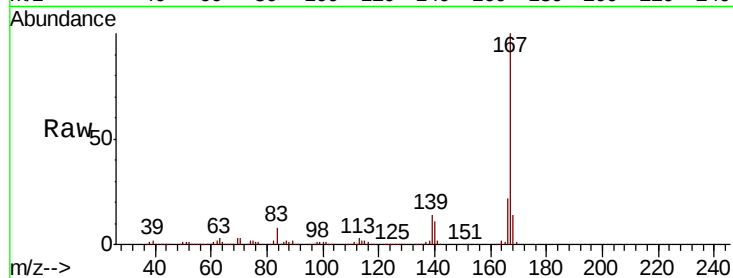




#73
 Carbazole
 Concen: 37.771 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

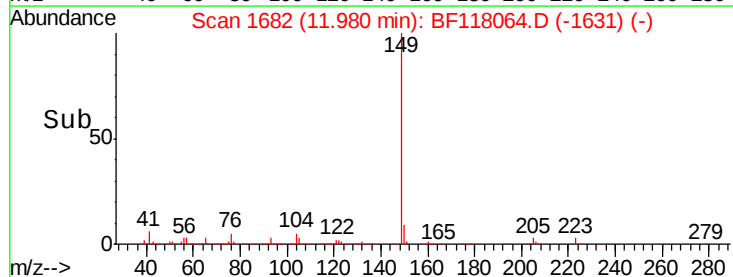
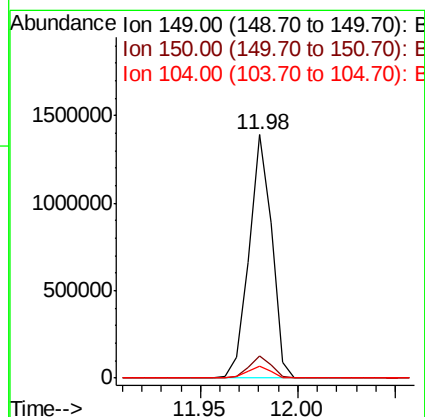
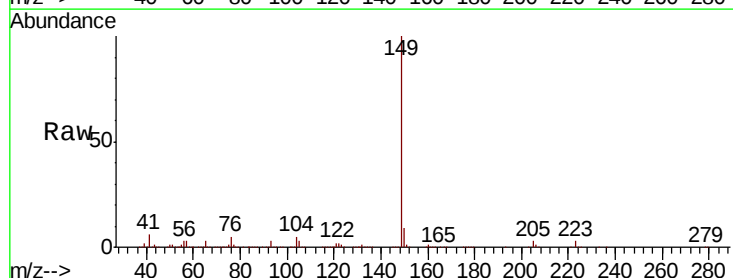
Instrument :
 BNA_F
 ClientSampleId :

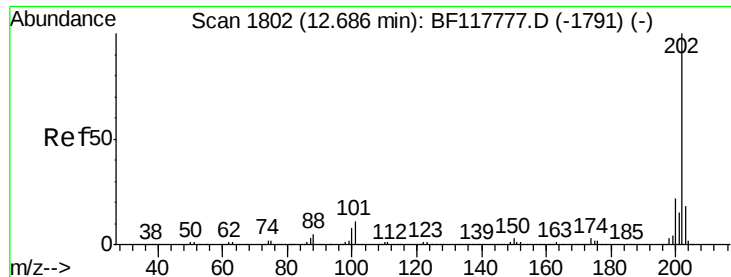
Tot Ion:167 Resp: 888474
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.4 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 38.278 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:149 Resp: 1121079
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.2 6.4

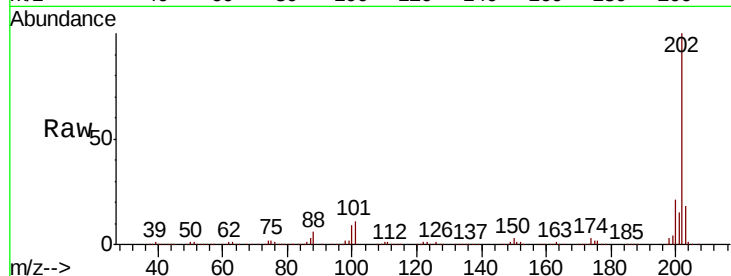




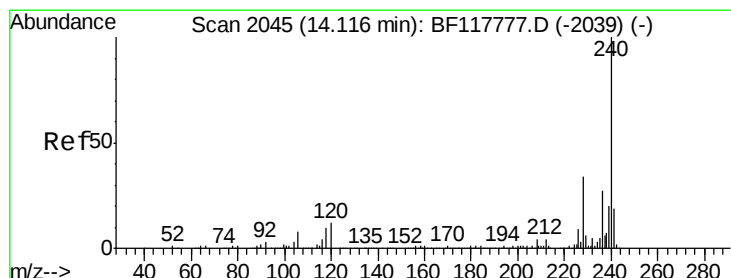
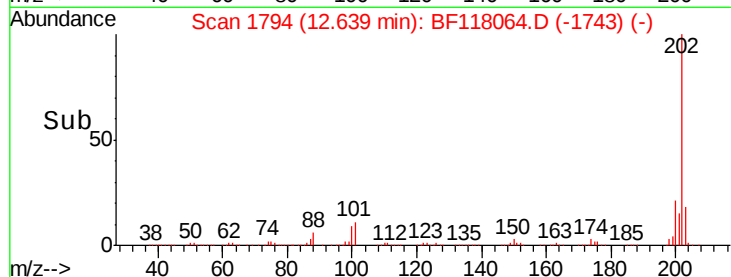
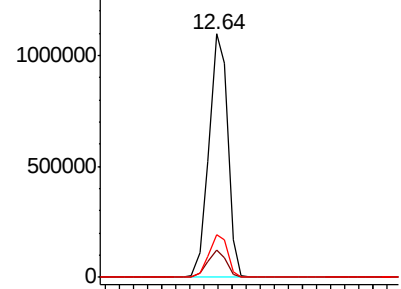
#75
 Fluoranthene
 Concen: 40.795 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1025979
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.5
 203 17.5 0.0 37.6

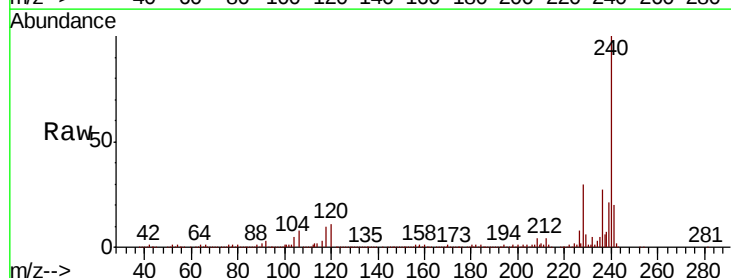


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

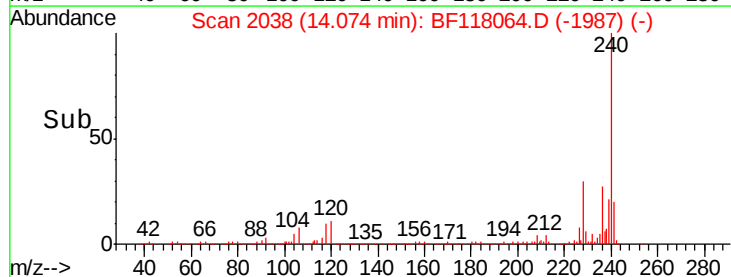
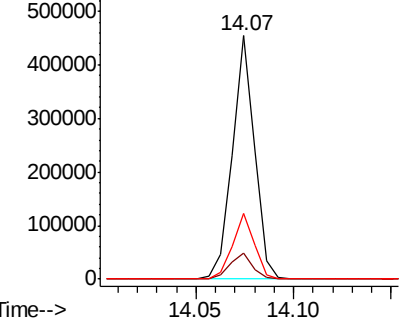


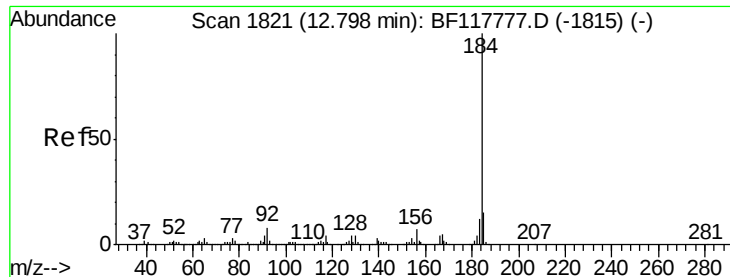
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:240 Resp: 357913
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 26.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.124 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

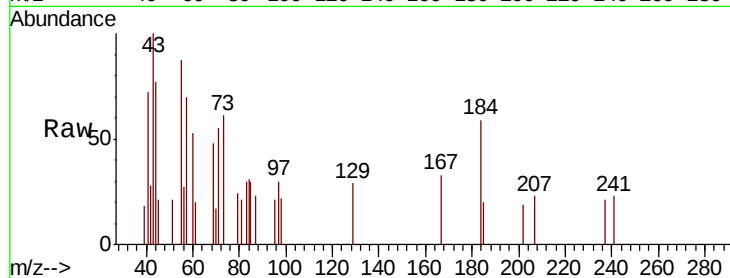
Tot Ion:184 Resp: 1456

Ion Ratio Lower Upper

184 100

185 34.3 11.6 17.4#

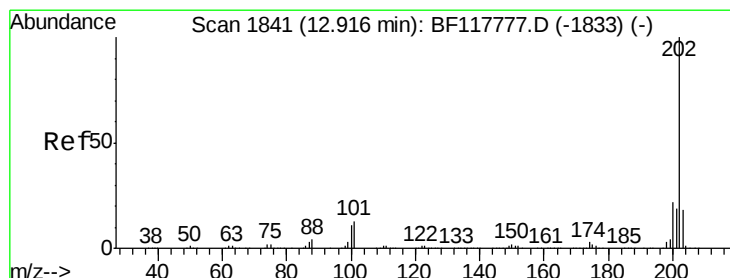
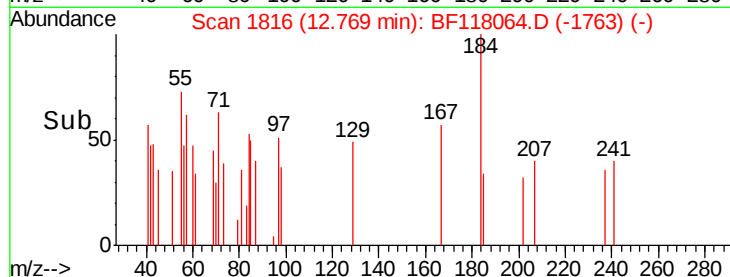
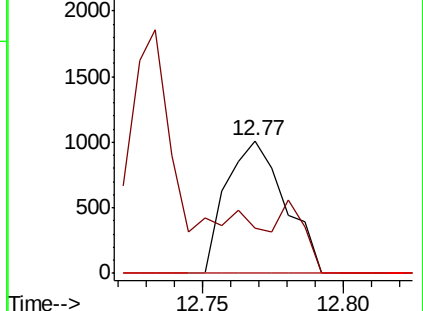
183 0.0 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.493 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

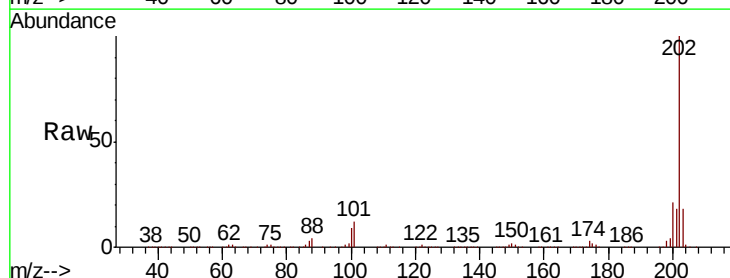
Tgt Ion:202 Resp: 1026624

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

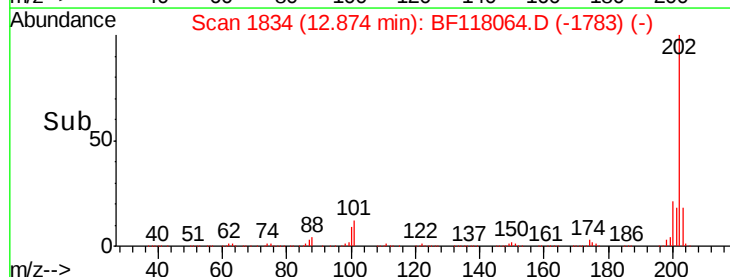
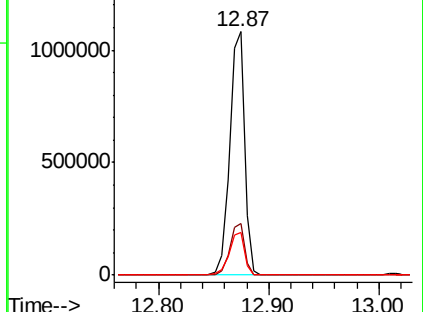
203 17.7 14.2 21.4

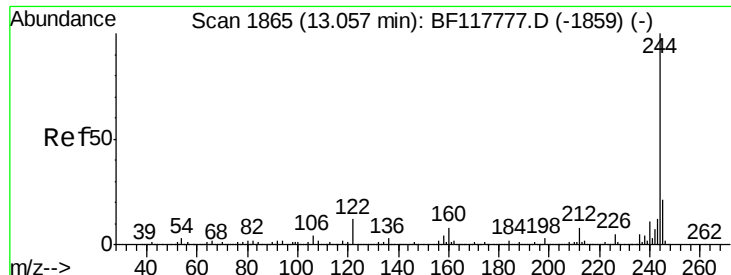


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.294 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

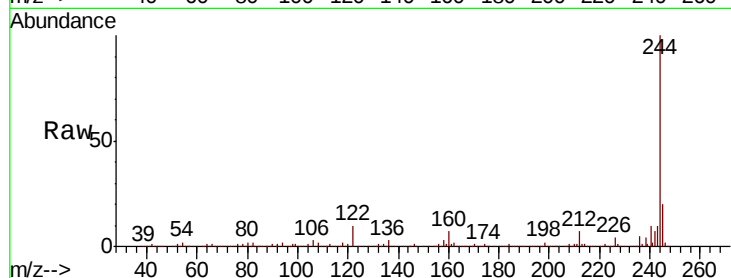
Tot Ion:244 Resp: 1552866

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

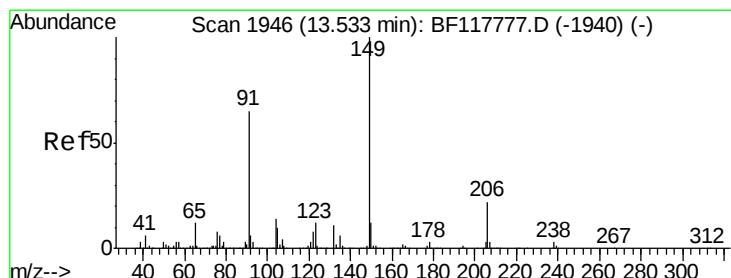
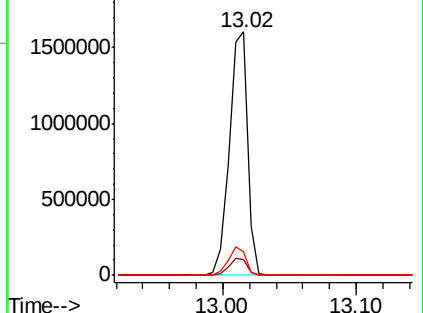
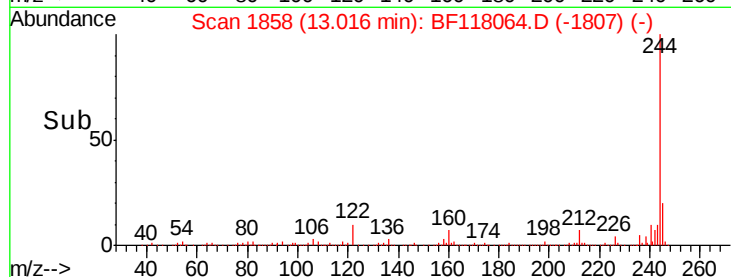
122 9.6 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.974 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

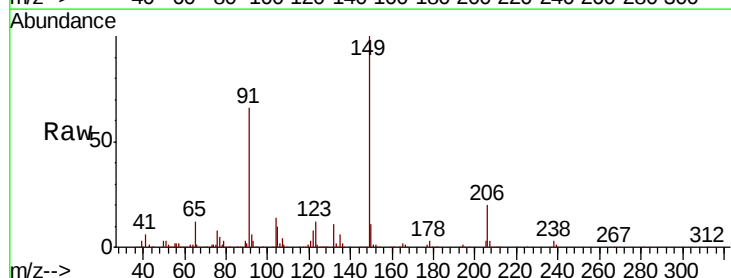
Tgt Ion:149 Resp: 459333

Ion Ratio Lower Upper

149 100

91 65.7 53.1 79.7

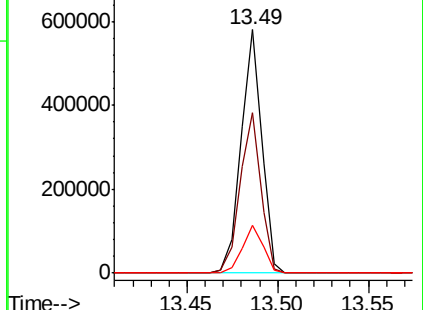
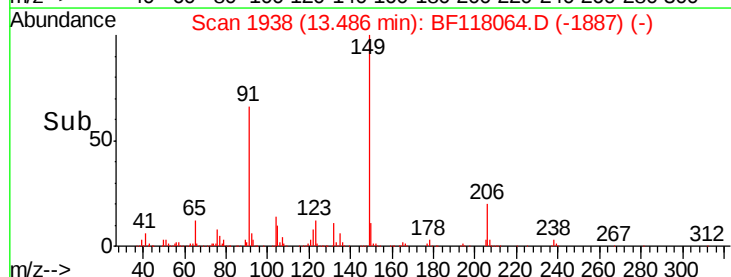
206 19.8 15.8 23.6

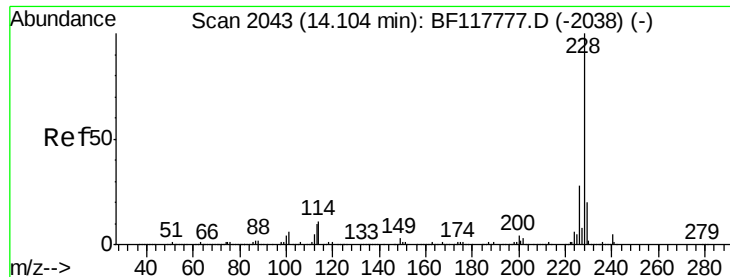


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.748 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

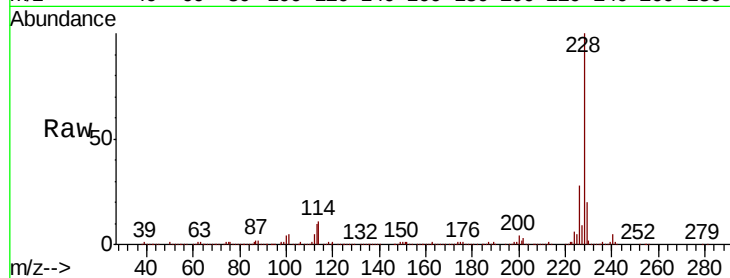
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 845499

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.7	16.2	24.2

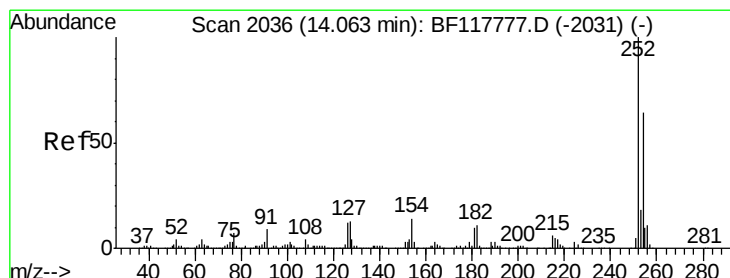
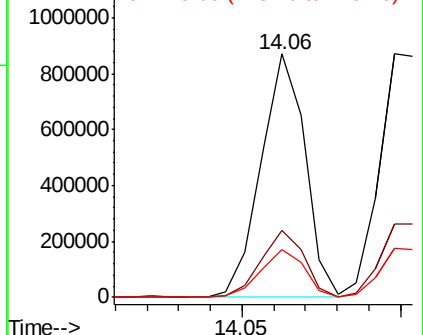
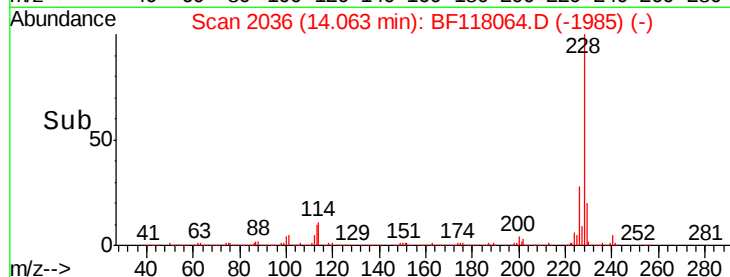


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.121 ng

RT: 14.02 min Scan# 2029

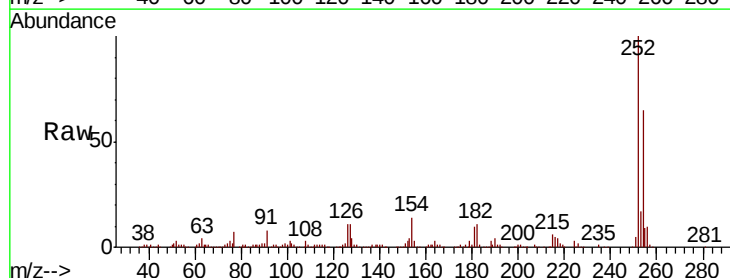
Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:252 Resp: 257469

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.2	78.2
126	11.5	9.3	13.9

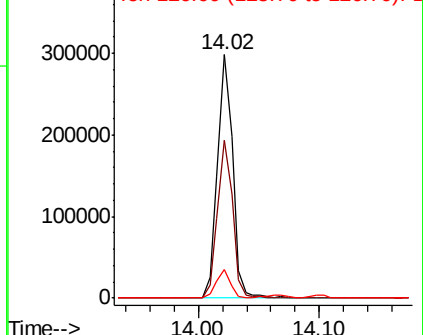
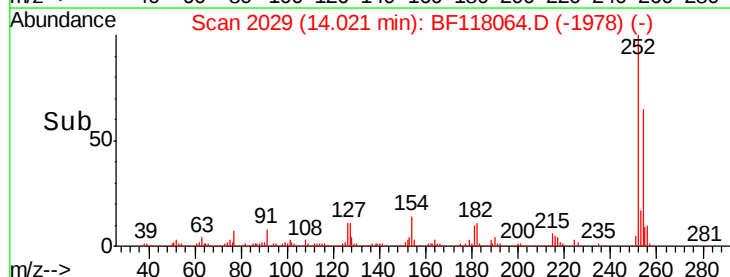


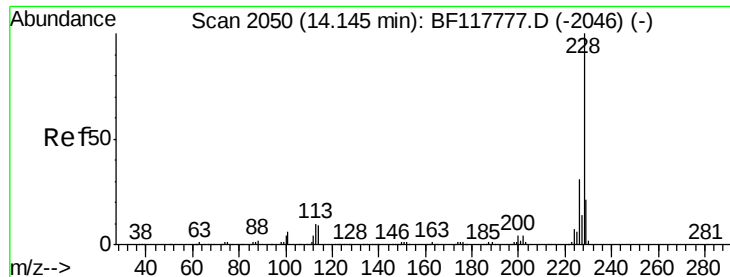
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

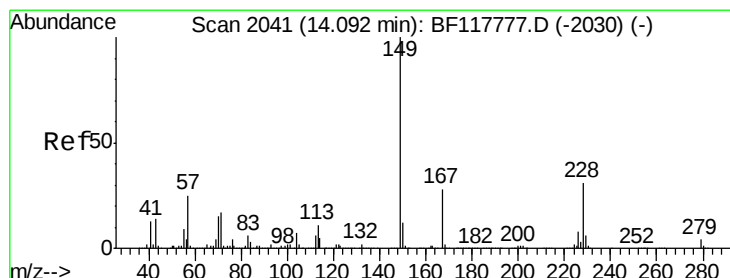
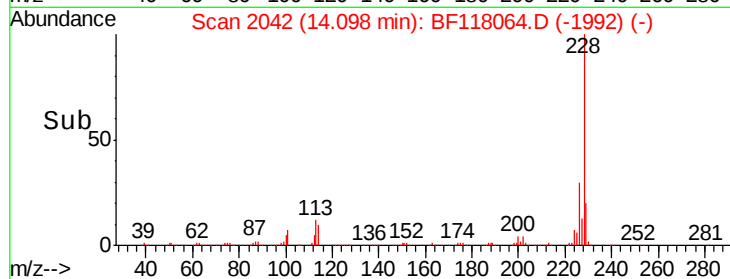
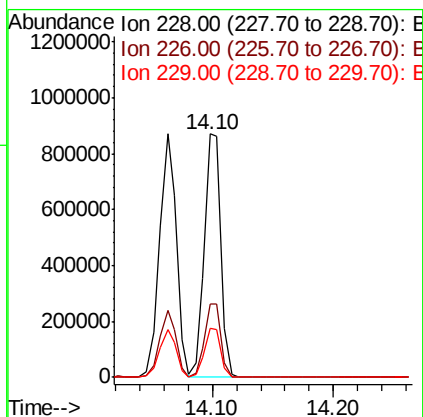
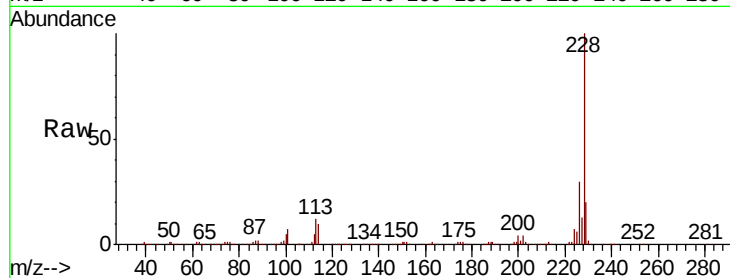




#83
 Chrvsene
 Concen: 36.078 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

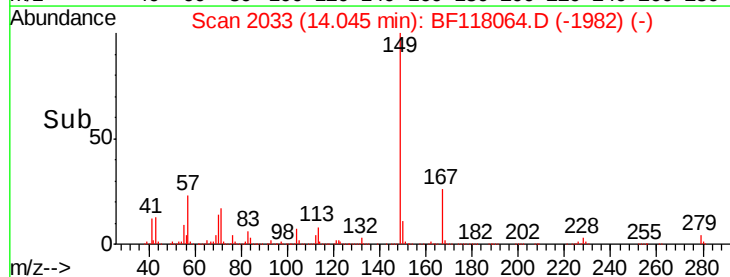
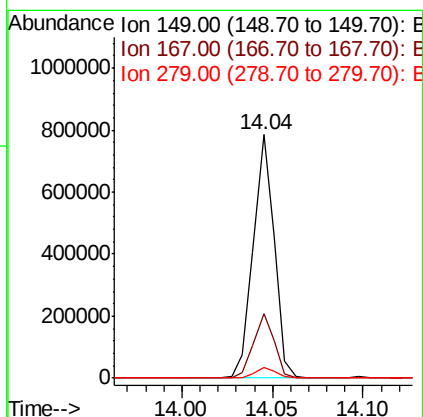
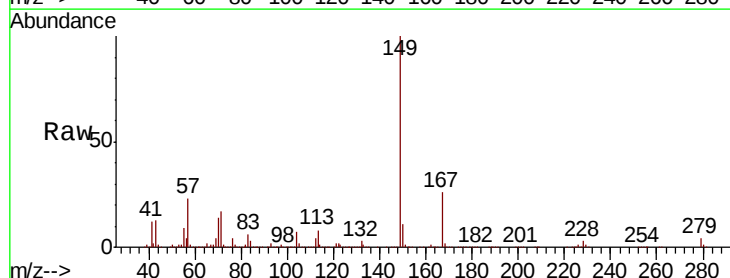
Instrument :
 BNA_F
 ClientSampled :

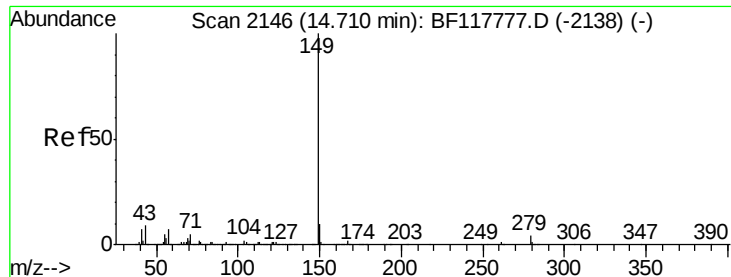
Tot Ion:228 Resp: 826839
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.6 35.4
 229 20.0 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.069 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:149 Resp: 633622
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 4.1 3.4 5.0

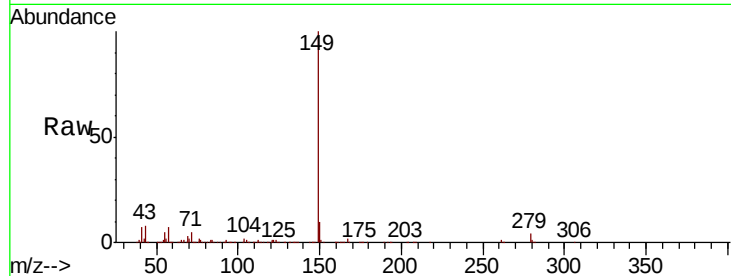




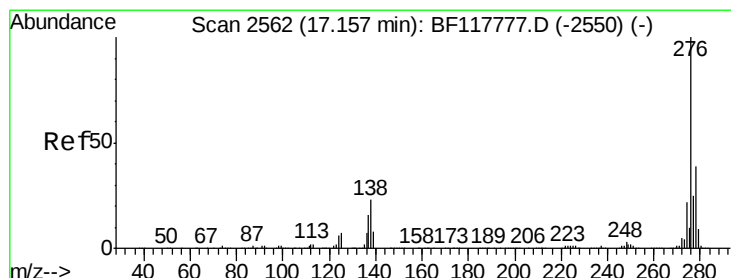
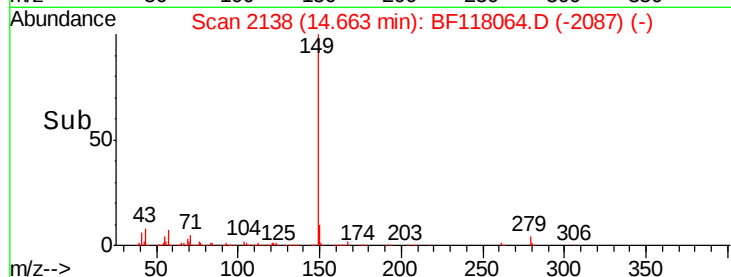
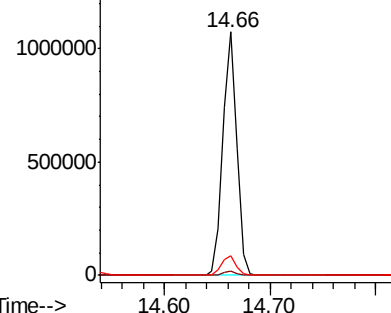
#85
Di-n-octyl phthalate
Concen: 43.437 ng
RT: 14.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.4	9.6

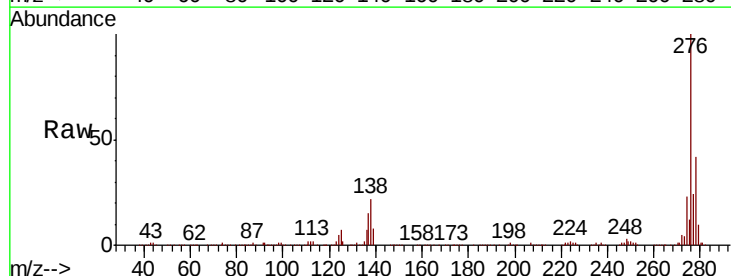


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

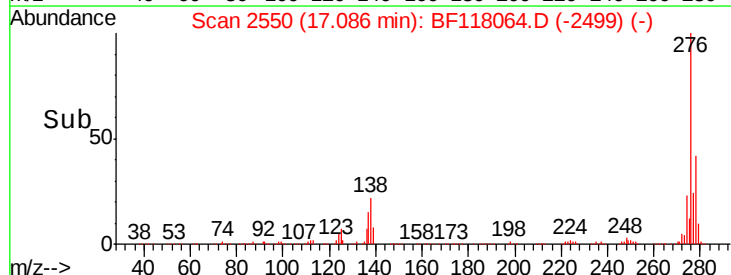
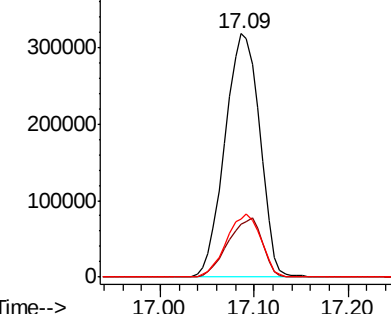


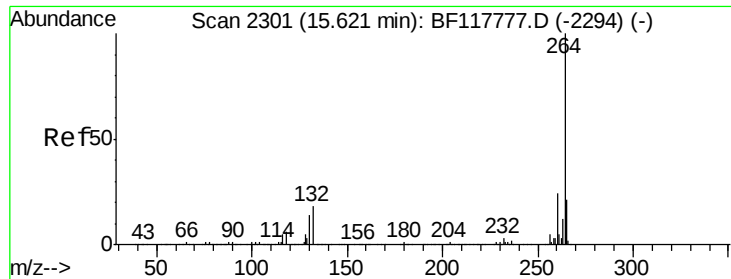
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.133 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.6
277	25.7	20.7	31.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

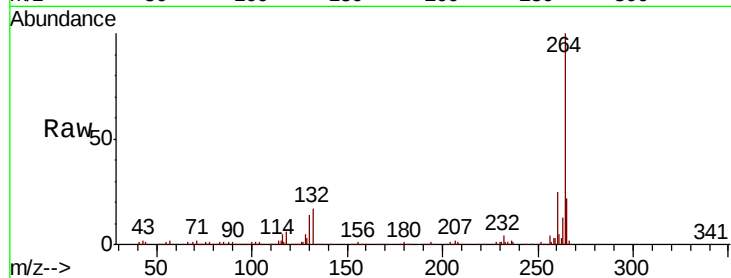
Tot Ion:264 Resp: 346241

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

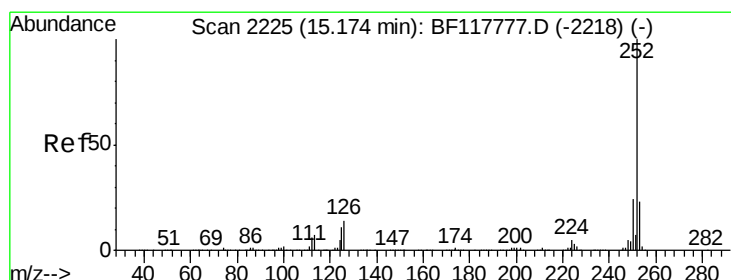
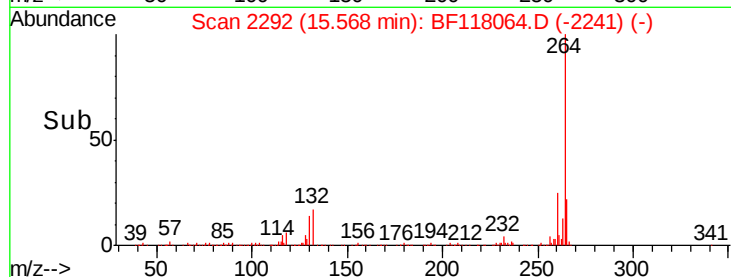
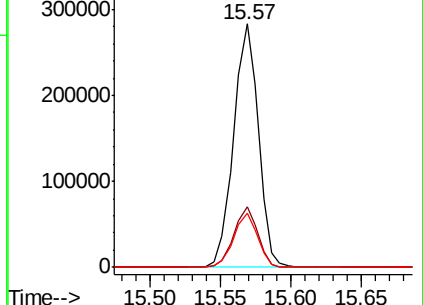
265 22.1 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.377 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

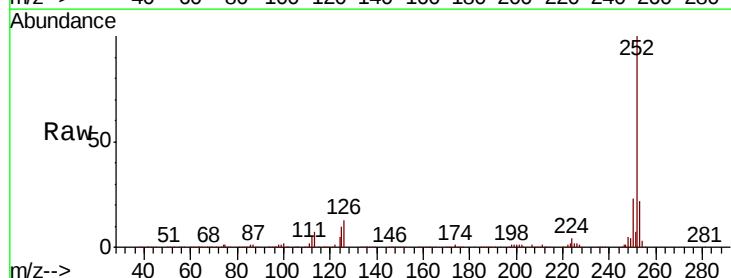
Tgt Ion:252 Resp: 795828

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

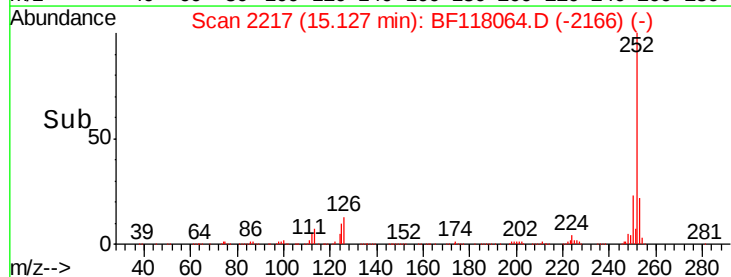
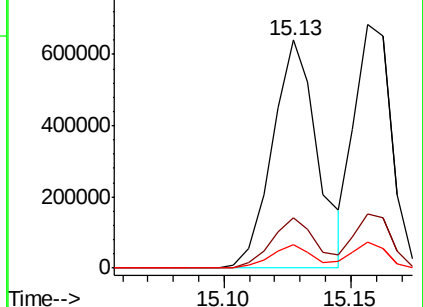
125 10.2 7.7 11.5

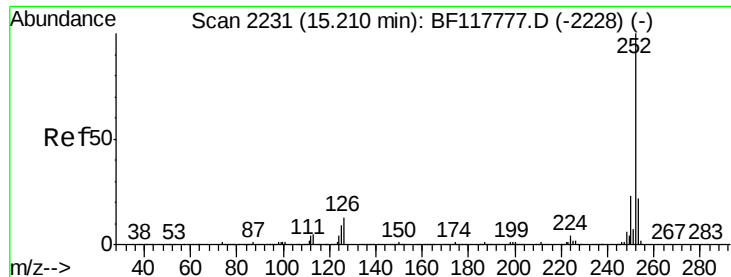


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

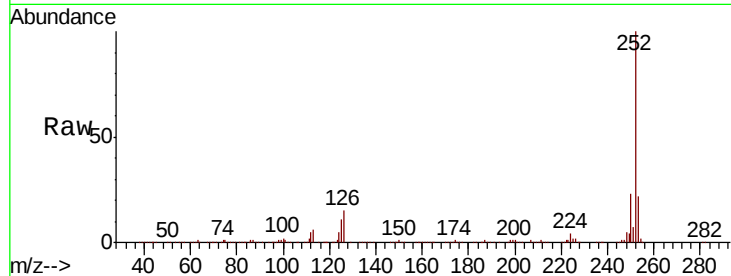




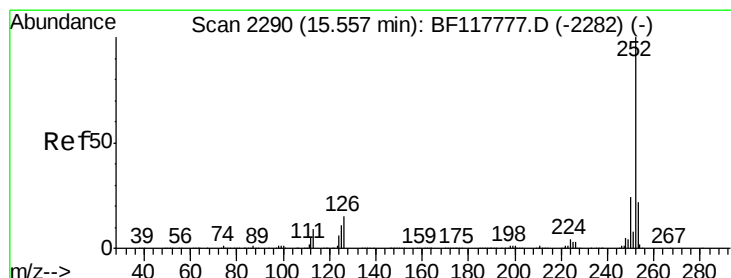
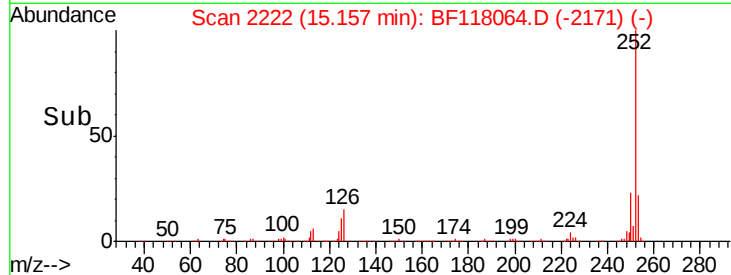
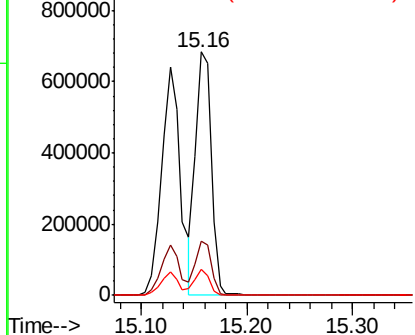
#89
Benzo(k)fluoranthene
Concen: 33.091 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 701392
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.6 8.5 12.7

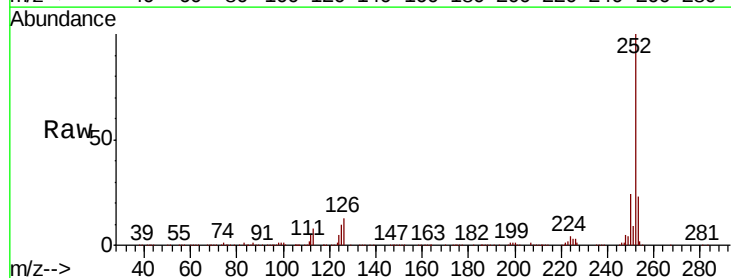


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

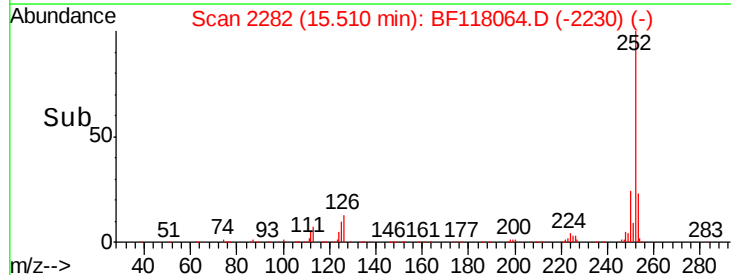
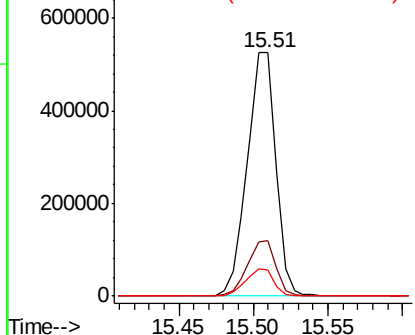


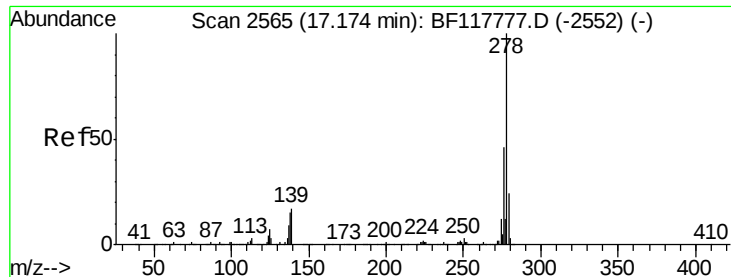
#90
Benzo(a)pyrene
Concen: 35.211 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:252 Resp: 696509
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.324 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

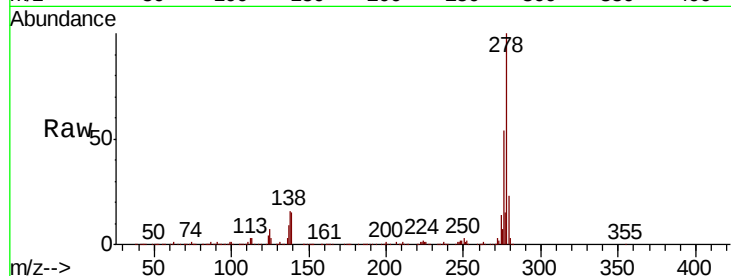
Tot Ion:278 Resp: 686550

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

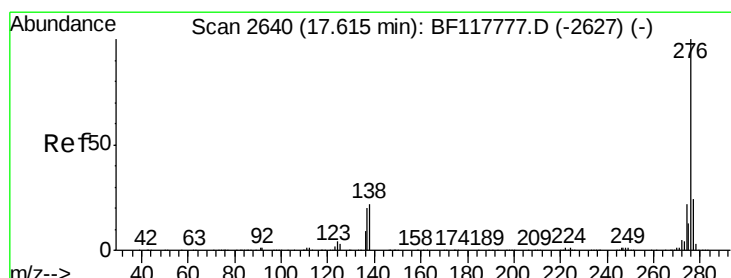
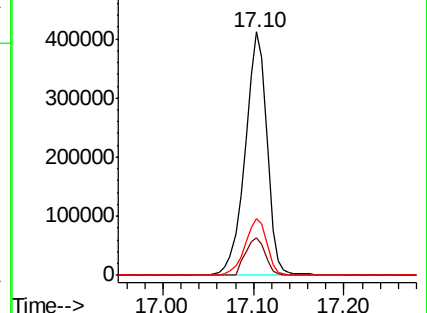
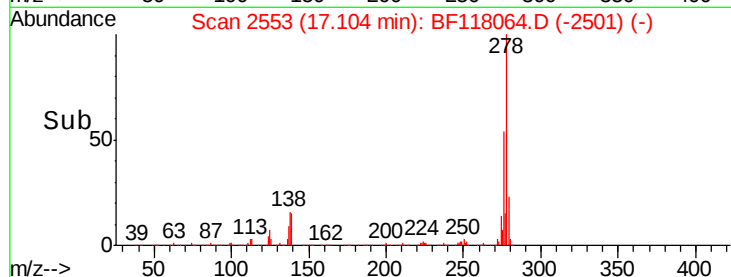
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.622 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

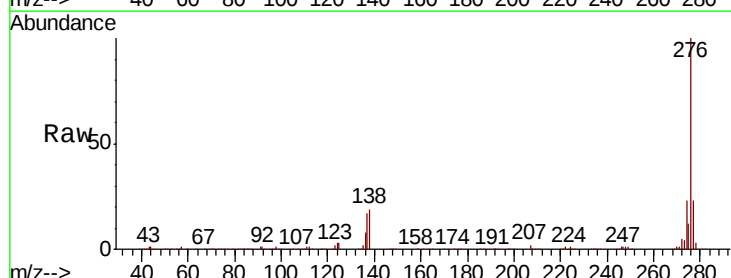
Tgt Ion:276 Resp: 688889

Ion Ratio Lower Upper

276 100

277 22.6 19.0 28.4

138 18.9 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

