

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118059.D
 Acq On : 3 Dec 2019 13:14
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 15:18:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147221	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	547049	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	285230	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	517732	20.00	ng	-0.01
76) Chrysene-d12	14.07	240	321017	20.00	ng	-0.01
87) Perylene-d12	15.57	264	284469	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	677771	81.49	ng	-0.01
7) Phenol-d6	6.51	99	813392	81.08	ng	-0.01
23) Nitrobenzene-d5	7.45	82	777715	84.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	270268	89.50	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	1548185	97.38	ng	-0.02
79) Terphenyl-d14	13.02	244	1655054	94.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	143639	36.947	ng	93
3) Pyridine	3.38	79	365863	35.876	ng	95
4) n-Nitrosodimethylamine	3.33	42	156046	35.053	ng	98
6) Aniline	6.54	93	529407	39.936	ng	99
8) 2-Chlorophenol	6.66	128	380967	42.214	ng	99
9) Benzaldehyde	6.43	77	231741	34.237	ng	97
10) Phenol	6.52	94	463606	44.473	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	340478	40.672	ng	93
12) 1,3-Dichlorobenzene	6.82	146	447352	42.104	ng	99
13) 1,4-Dichlorobenzene	6.90	146	456858	42.540	ng	97
14) 1,2-Dichlorobenzene	7.05	146	429491	41.815	ng	99
15) Benzyl Alcohol	7.02	79	324492	41.897	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	426550	33.095	ng	95
17) 2-Methylphenol	7.13	107	304975	39.905	ng	99
18) Hexachloroethane	7.39	117	165658	41.989	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	245280	39.633	ng	98
20) 3+4-Methylphenols	7.29	107	387431	40.838	ng	# 72
22) Acetophenone	7.29	105	532233	43.304	ng	# 96
24) Nitrobenzene	7.46	77	386154	40.675	ng	97
25) Isophorone	7.70	82	667328	39.565	ng	99
26) 2-Nitrophenol	7.78	139	202358	43.793	ng	97
27) 2,4-Dimethylphenol	7.82	122	275753	38.405	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	435773	40.714	ng	100
29) 2,4-Dichlorophenol	8.02	162	325972	41.853	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	380700	42.141	ng	99
31) Naphthalene	8.19	128	1121555	43.978	ng	98
32) Benzoic acid	7.94	122	228854	38.066	ng	97
33) 4-Chloroaniline	8.23	127	471685	41.314	ng	98
34) Hexachlorobutadiene	8.30	225	230620	43.662	ng	98
35) Caprolactam	8.61	113	94921	38.348	ng	88
36) 4-Chloro-3-methylphenol	8.72	107	332800	42.104	ng	94
37) 2-Methylnaphthalene	8.88	142	754699	43.798	ng	99
38) 1-Methylnaphthalene	8.98	142	706078	43.343	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	357297	43.134	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	159496	34.359	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	237997	40.114	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	245568	39.864	ng	97
46) 1,1'-Biphenyl	9.35	154	923387	43.635	ng	97
47) 2-Chloronaphthalene	9.37	162	733054	42.109	ng	97
48) 2-Nitroaniline	9.47	65	206085	39.212	ng	95
49) Acenaphthylene	9.79	152	1088616	42.891	ng	99
50) Dimethylphthalate	9.65	163	837810	41.887	ng	98
51) 2,6-Dinitrotoluene	9.71	165	183198	41.908	ng	96
52) Acenaphthene	9.96	154	668368	41.108	ng	99
53) 3-Nitroaniline	9.88	138	214713	41.048	ng	99
54) 2,4-Dinitrophenol	9.99	184	74746	37.497	ng	95
55) Dibenzofuran	10.14	168	964870	42.856	ng	99
56) 4-Nitrophenol	10.04	139	142050	36.382	ng	95
57) 2,4-Dinitrotoluene	10.12	165	238989	42.978	ng	# 86
58) Fluorene	10.48	166	761076	43.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	196999	38.921	ng	97
60) Diethylphthalate	10.35	149	844515	43.308	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	390527	44.107	ng	95
62) 4-Nitroaniline	10.50	138	217863	41.598	ng	97
63) Azobenzene	10.63	77	720957	40.639	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	106063	43.883	ng	95
66) n-Nitrosodiphenylamine	10.59	169	672579	44.638	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	245719	43.986	ng	94
68) Hexachlorobenzene	11.03	284	283598	43.538	ng	97
69) Atrazine	11.12	200	192731	38.885	ng	99
70) Pentachlorophenol	11.23	266	137696	36.182	ng	99
71) Phenanthrene	11.45	178	1131477	43.468	ng	97
72) Anthracene	11.50	178	1123860	43.547	ng	98
73) Carbazole	11.65	167	978932	43.407	ng	99
74) Di-n-butylphthalate	11.98	149	1271287	45.274	ng	99
75) Fluoranthene	12.64	202	1108179	47.103	ng	99
77) Benzidine	12.76	184	392919	37.367	ng	99
78) Pyrene	12.87	202	1100147	42.406	ng	98
80) Butylbenzylphthalate	13.49	149	492154	44.169	ng	98
81) Benzo(a)anthracene	14.06	228	902082	42.524	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	309748	41.744	ng	98
83) Chrysene	14.10	228	871598	42.402	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	648470	48.004	ng	99
85) Di-n-octyl phthalate	14.66	149	967720	48.762	ng	97
86) Indeno(1,2,3-cd)pyrene	17.09	276	714023	40.813	ng	97
88) Benzo(b)fluoranthene	15.13	252	746355	40.383	ng	99
89) Benzo(k)fluoranthene	15.16	252	752186	43.194	ng	99
90) Benzo(a)pyrene	15.50	252	676174	41.606	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	591852	42.310	ng	97
92) Benzo(g,h,i)perylene	17.54	276	568699	40.817	ng	99

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

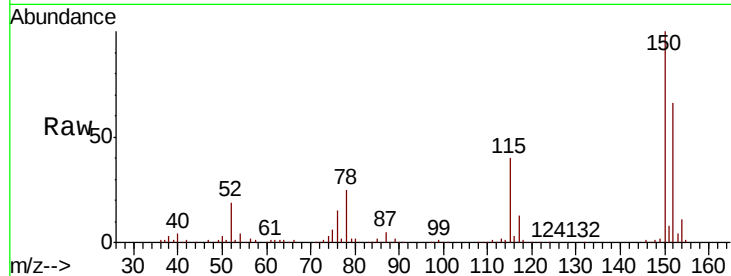


#1

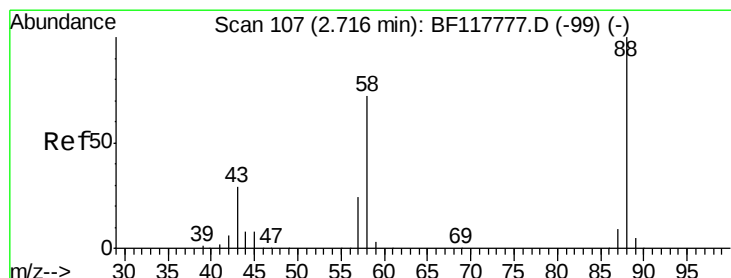
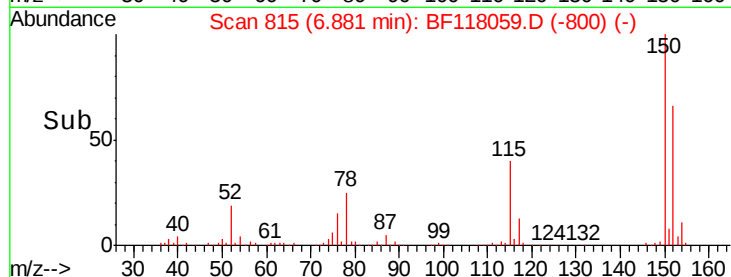
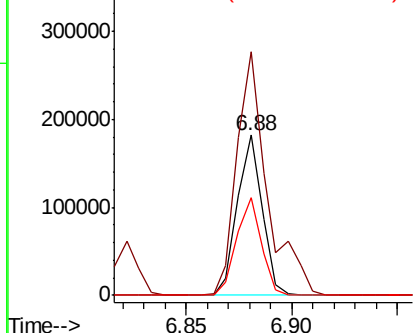
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147221
Ion Ratio Lower Upper
152 100
150 151.8 125.3 187.9
115 61.0 47.0 70.4



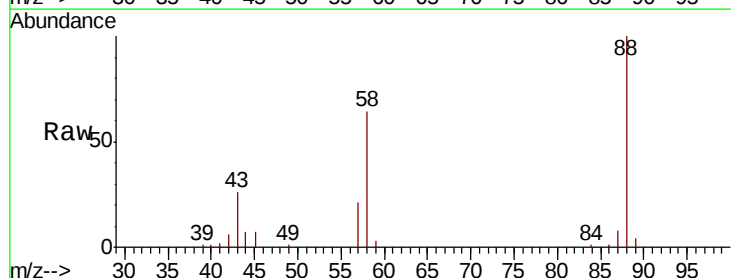
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



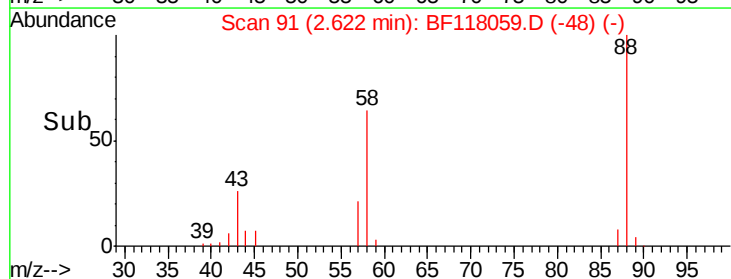
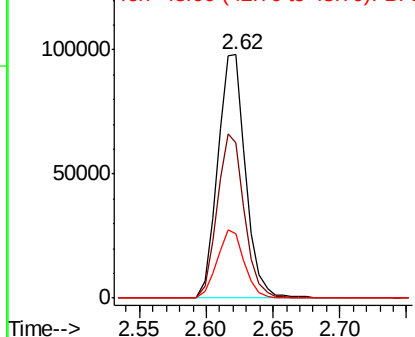
#2

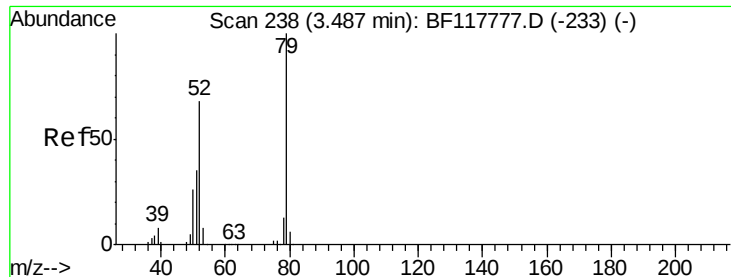
1,4-Dioxane
Concen: 36.947 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.05 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion: 88 Resp: 143639
Ion Ratio Lower Upper
88 100
58 65.7 58.2 87.2
43 27.2 23.3 34.9



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: 35.876 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.05 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

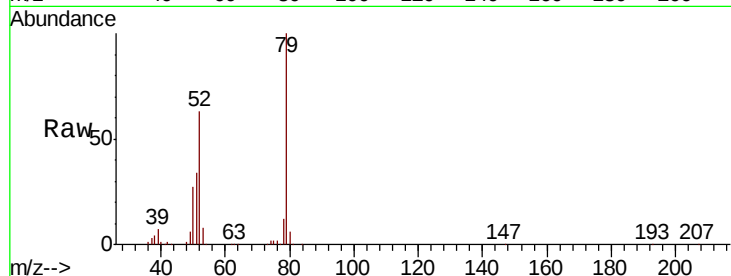
Tot Ion: 79 Resp: 365863

Ion Ratio Lower Upper

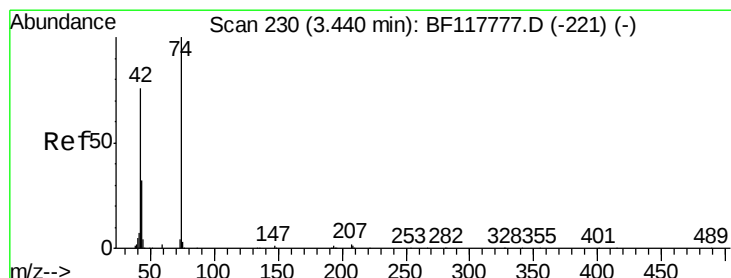
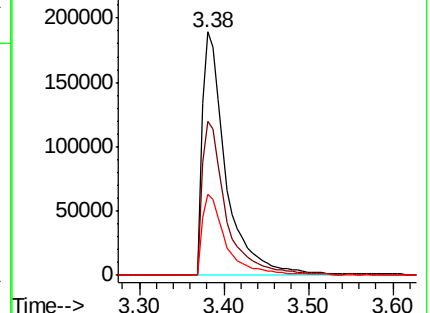
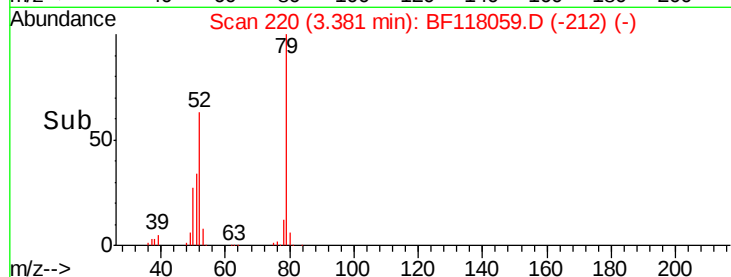
79 100

52 63.2 54.8 82.2

51 33.5 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.053 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.06 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

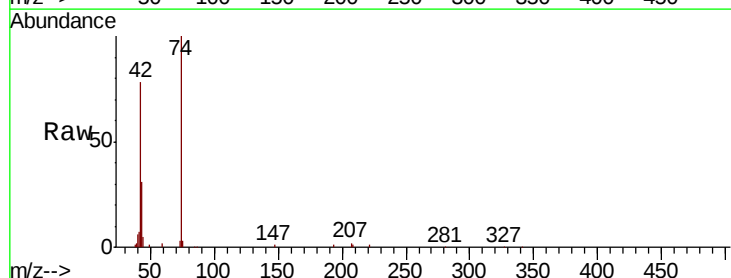
Tgt Ion: 42 Resp: 156046

Ion Ratio Lower Upper

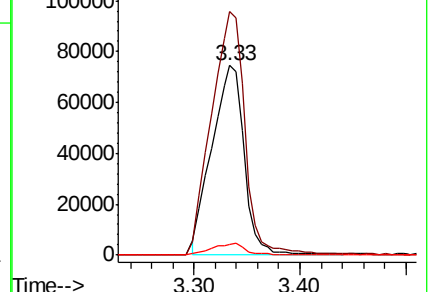
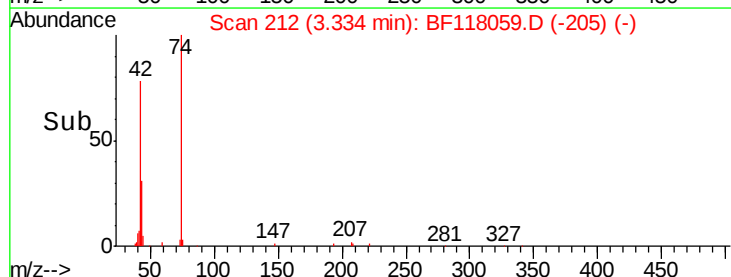
42 100

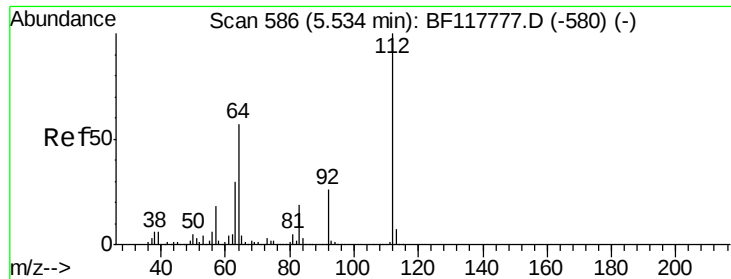
74 128.5 105.1 157.7

44 5.9 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.492 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

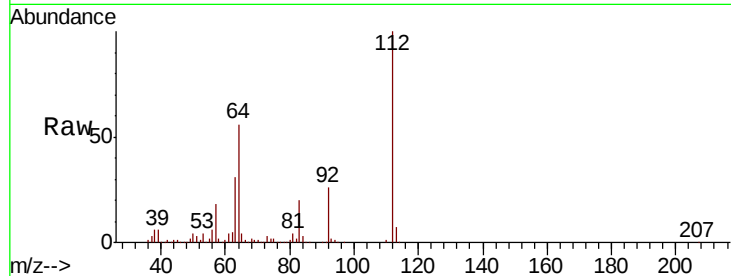
Tot Ion:112 Resp: 677771

Ion Ratio Lower Upper

112 100

64 56.4 45.6 68.4

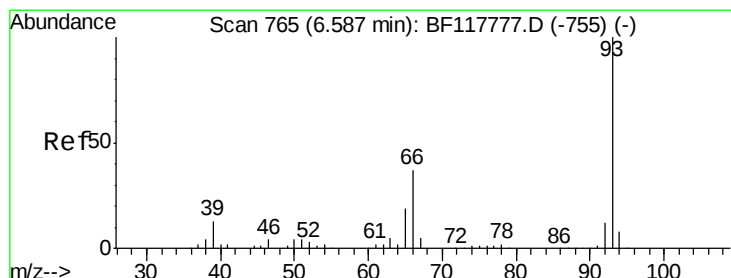
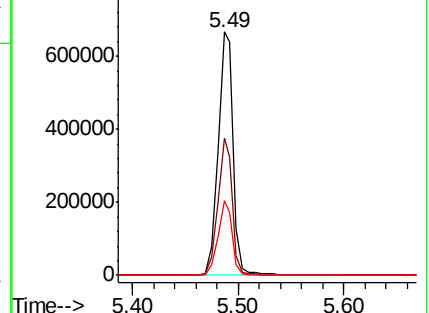
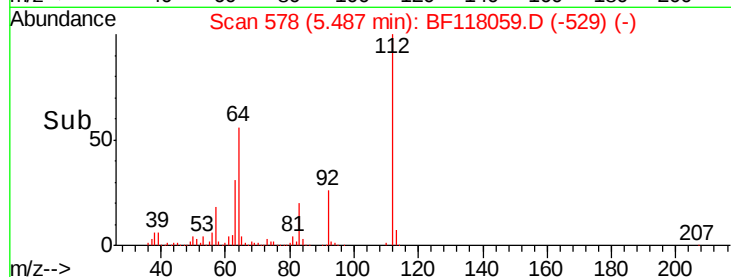
63 30.8 24.1 36.1



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: 39.936 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

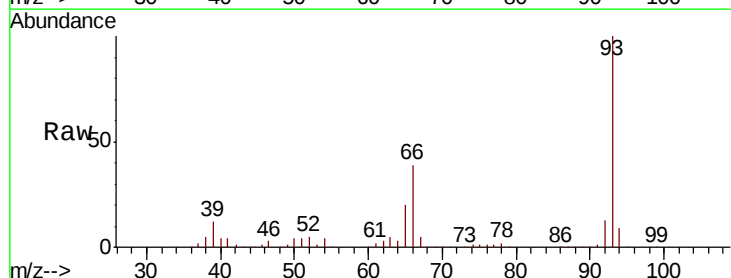
Tgt Ion: 93 Resp: 529407

Ion Ratio Lower Upper

93 100

66 38.8 30.6 45.8

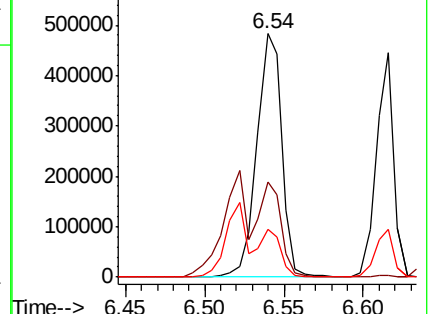
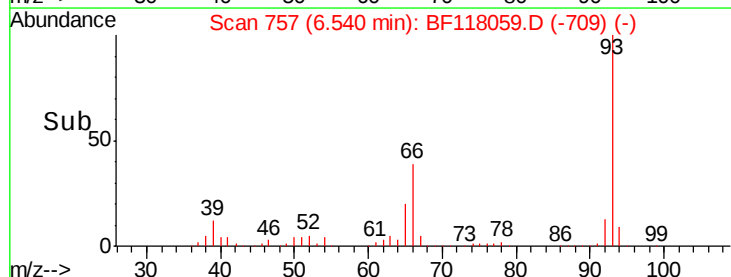
65 19.8 15.6 23.4

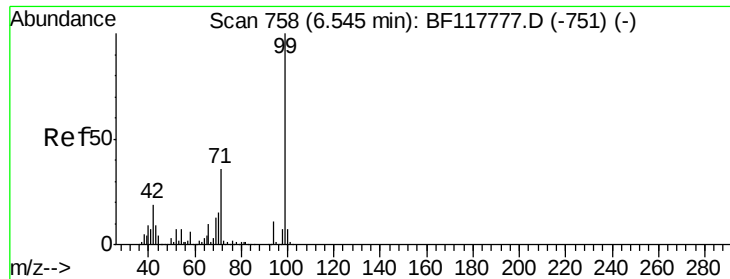


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.082 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

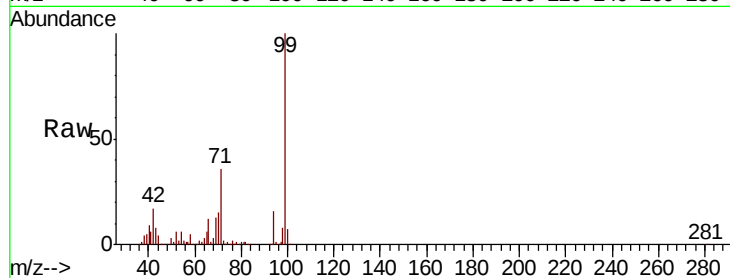
Tot Ion: 99 Resp: 813392

Ion Ratio Lower Upper

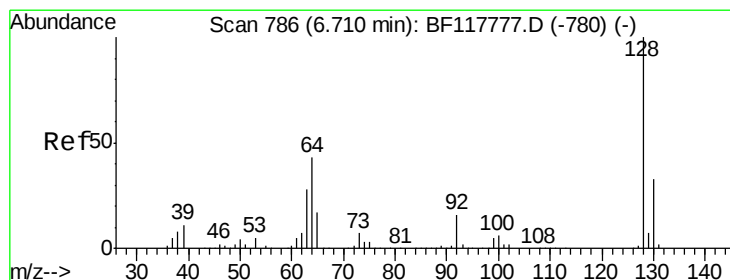
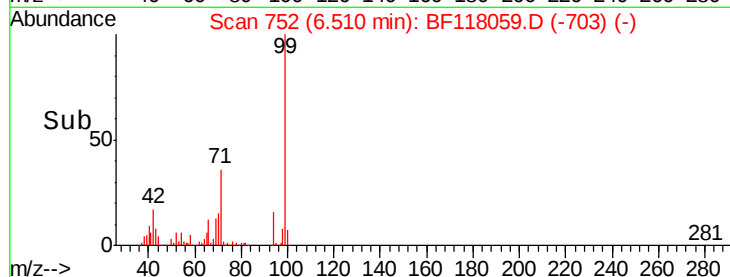
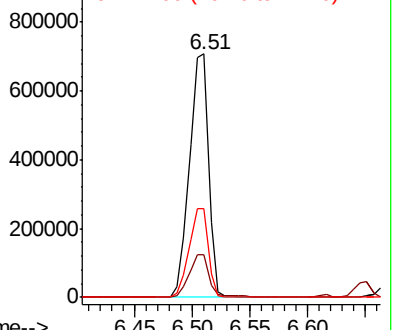
99 100

42 17.5 14.9 22.3

71 36.5 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.214 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

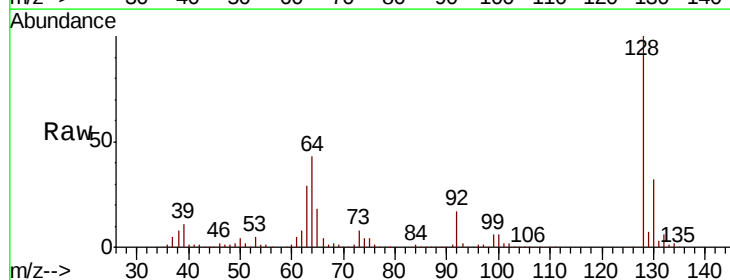
Tgt Ion: 128 Resp: 380967

Ion Ratio Lower Upper

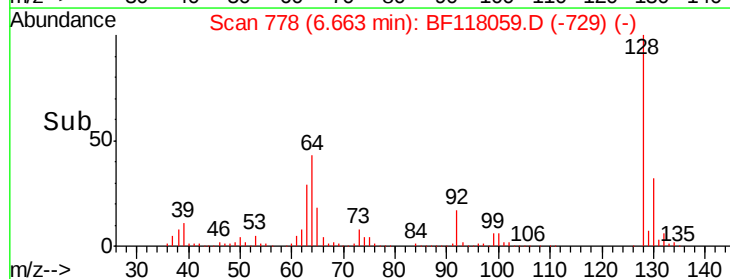
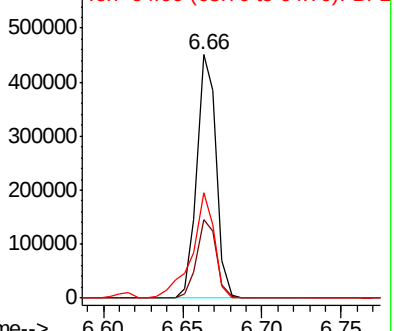
128 100

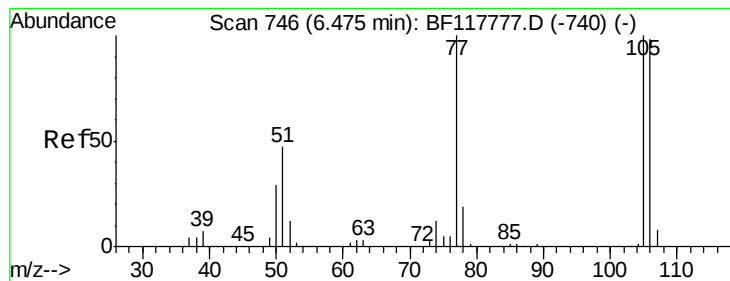
130 32.4 13.2 53.2

64 43.2 23.7 63.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.237 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

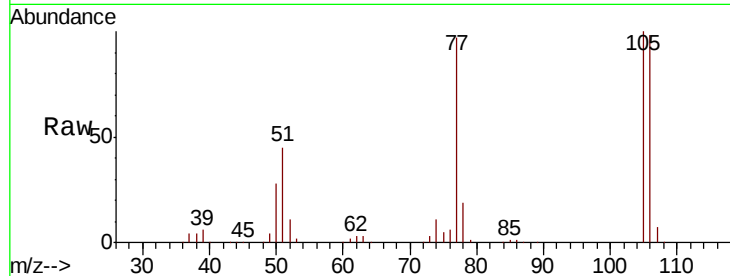
Tot Ion: 77 Resp: 231741

Ion Ratio Lower Upper

77 100

105 103.3 80.2 120.2

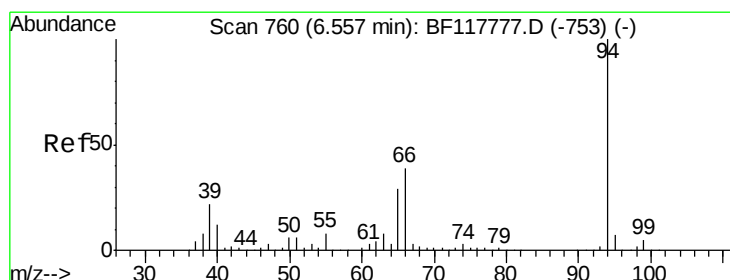
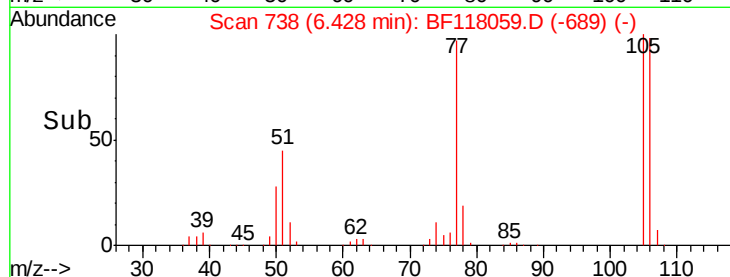
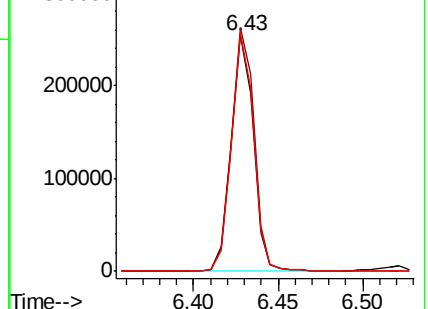
106 100.9 78.4 118.4



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: 44.473 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

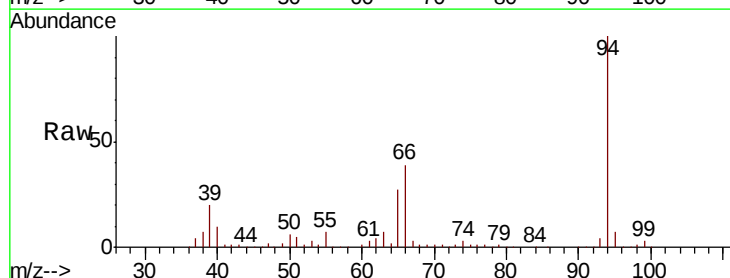
Tgt Ion: 94 Resp: 463606

Ion Ratio Lower Upper

94 100

65 26.9 8.9 48.9

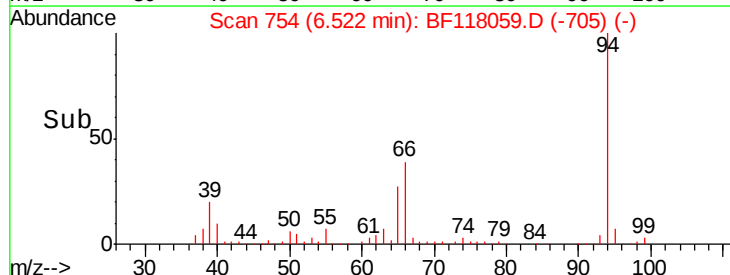
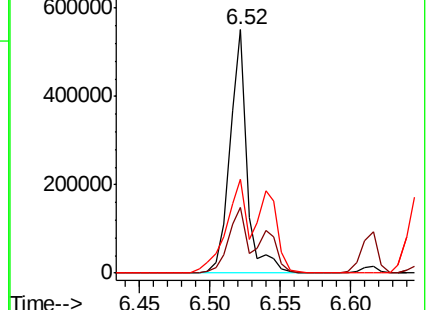
66 38.6 18.7 58.7

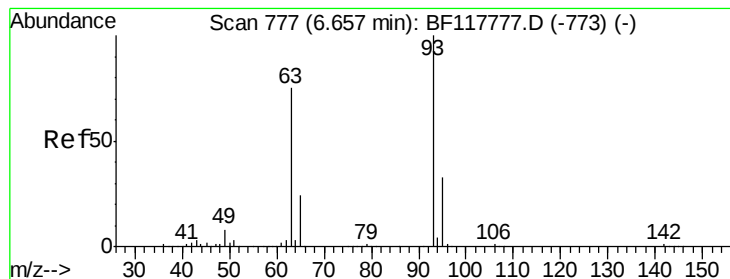


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

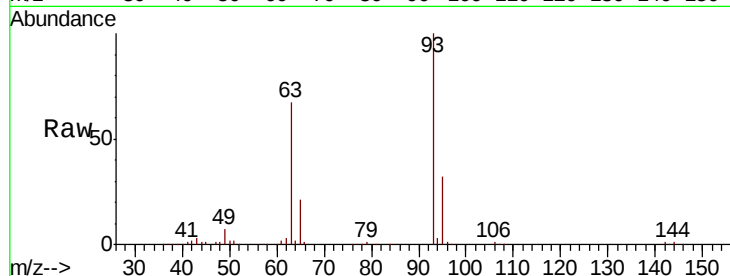




#11
bis(2-Chloroethyl)ether
Concen: 40.672 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.8	54.8	94.8
95	32.0	12.7	52.7

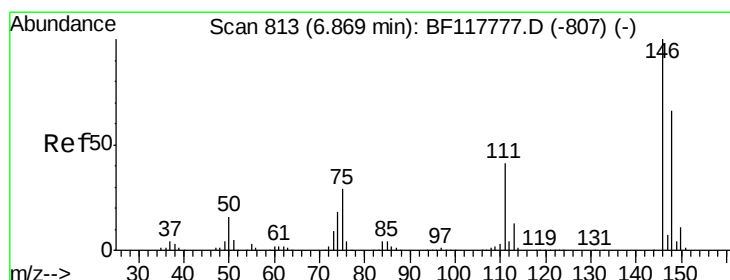
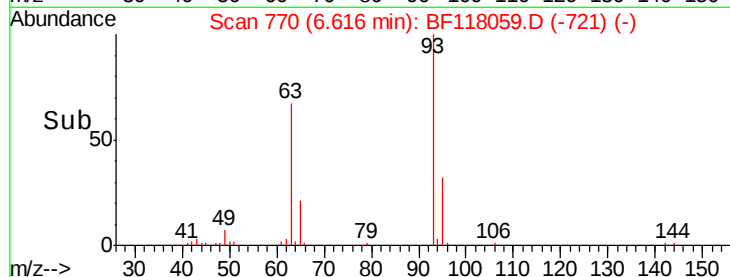
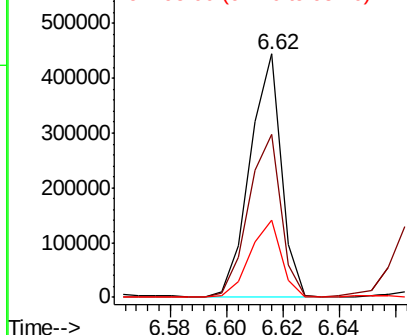


Abundance

Ion 93.00 (92.70 to 93.70): BF1

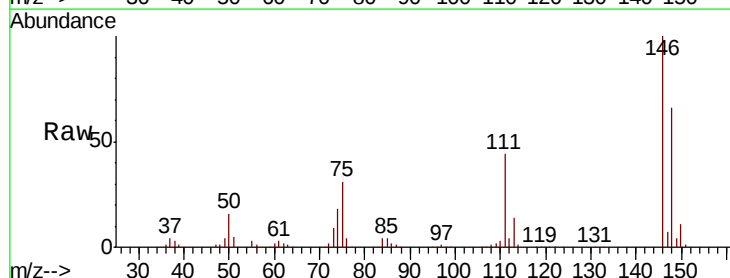
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.104 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.8	79.2
75	30.6	23.4	35.0

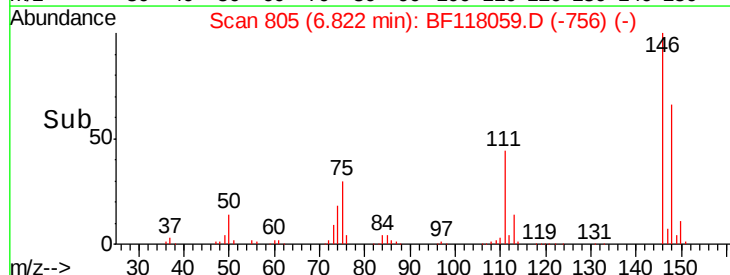
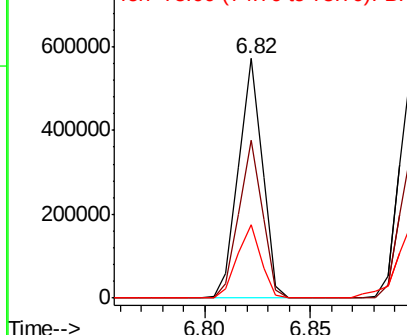


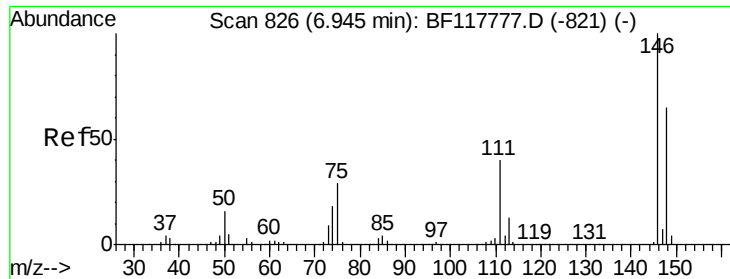
Abundance

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

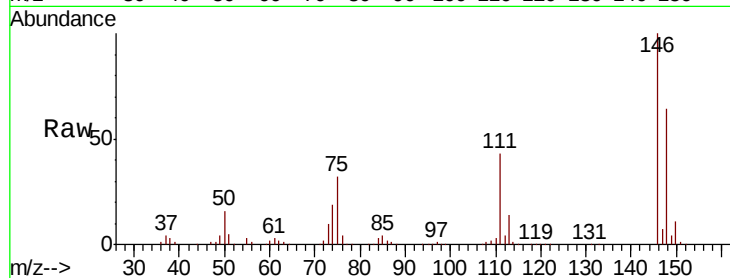




#13
 1,4-Dichlorobenzene
 Concen: 42.540 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
111	43.2	32.2	48.4

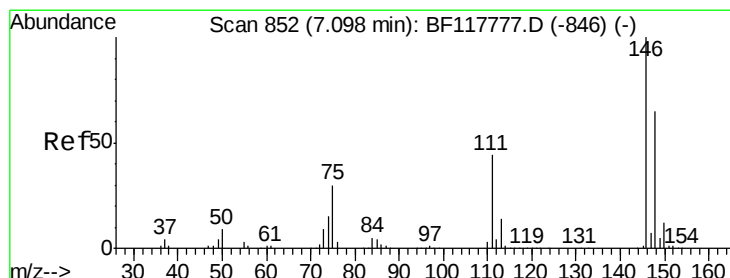
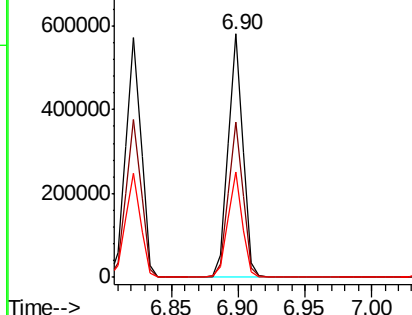
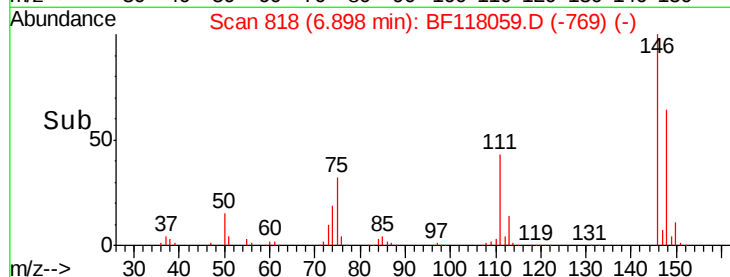


Abundance

Ion 146.00 (145.70 to 146.70): E

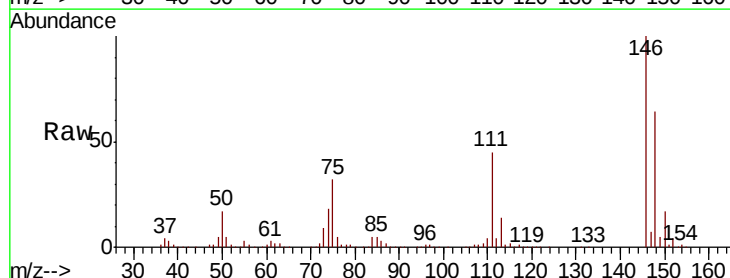
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.815 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
111	44.8	35.0	52.6

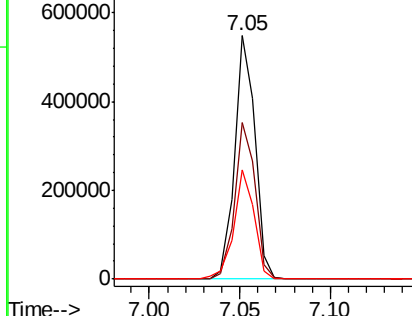
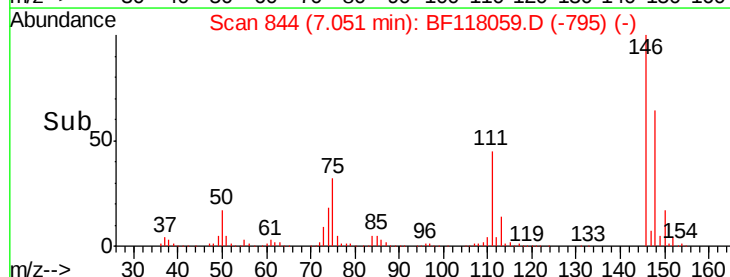


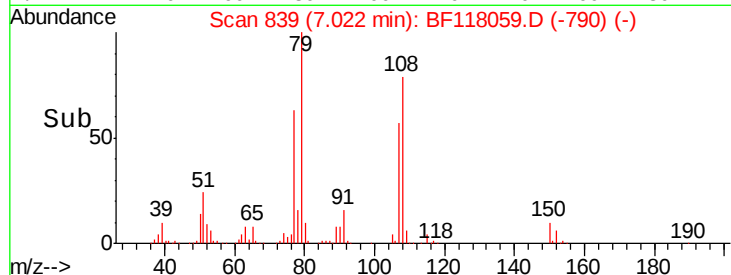
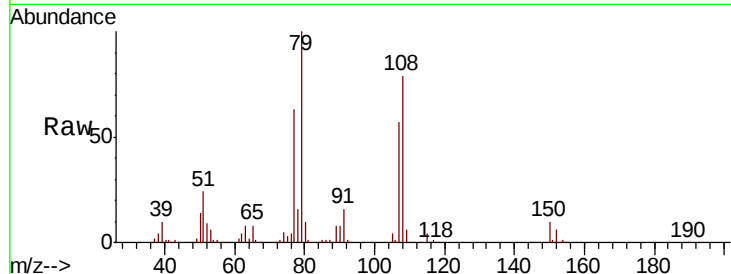
Abundance

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

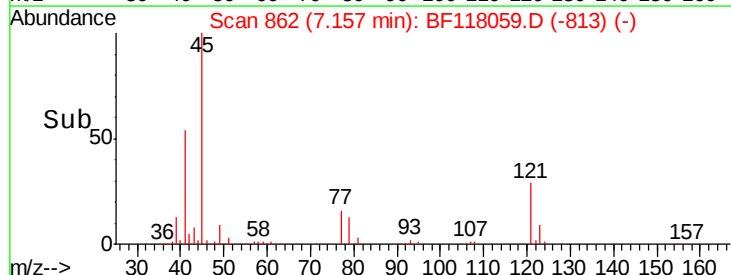
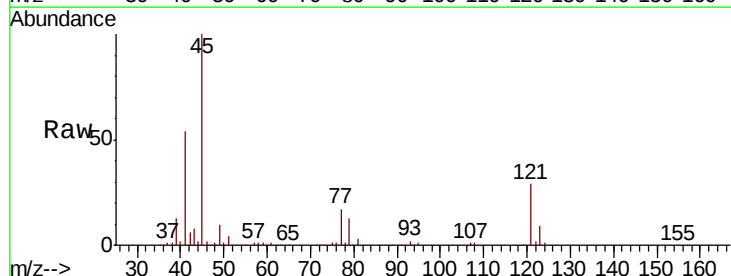
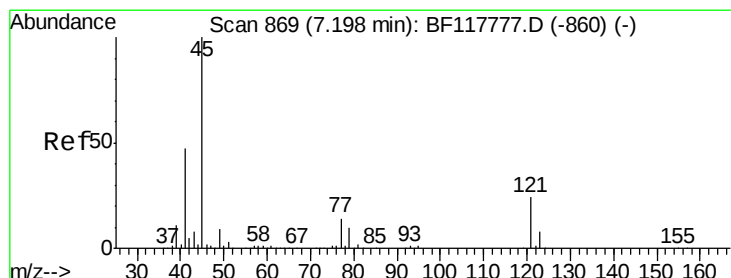
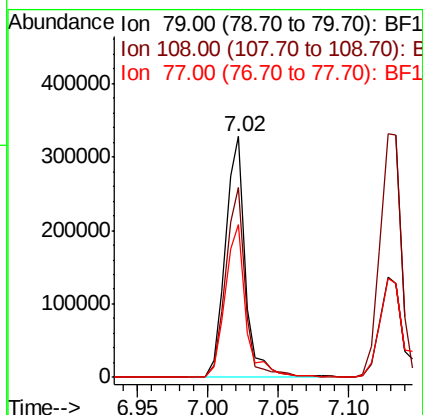




#15
Benzyl Alcohol
Concen: 41.897 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

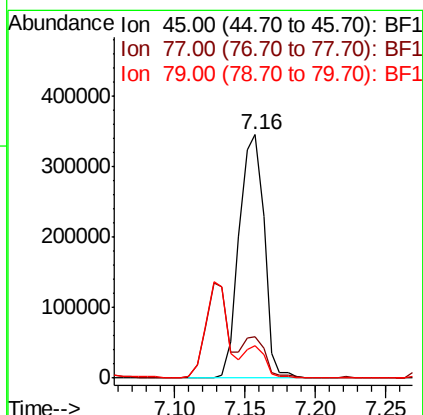
Instrument :
BNA_F
ClientSampled :

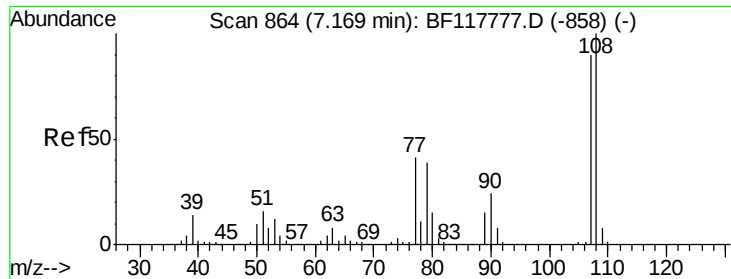
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	64.1	96.1
77	63.3	51.3	76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.095 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	35.0
79	13.5	0.0	31.1

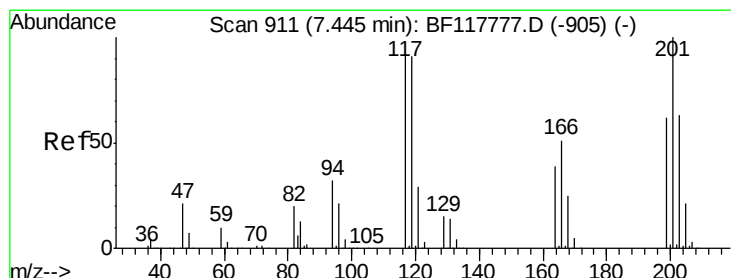
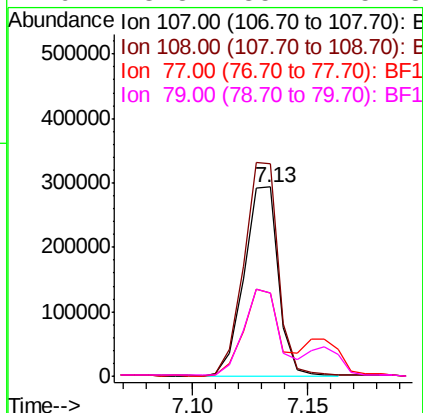
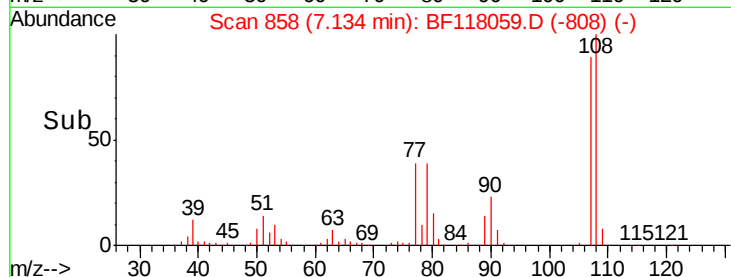
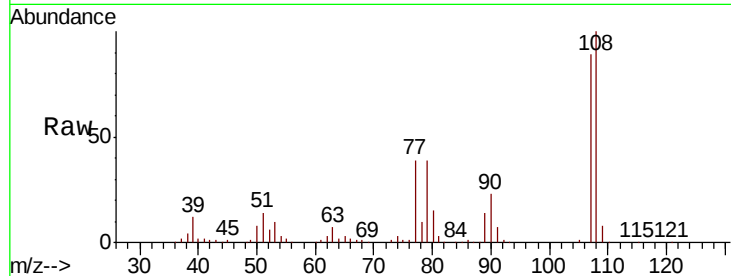




#17
2-Methylphenol
Concen: 39.905 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

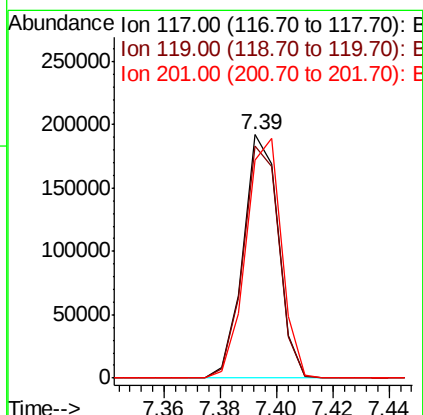
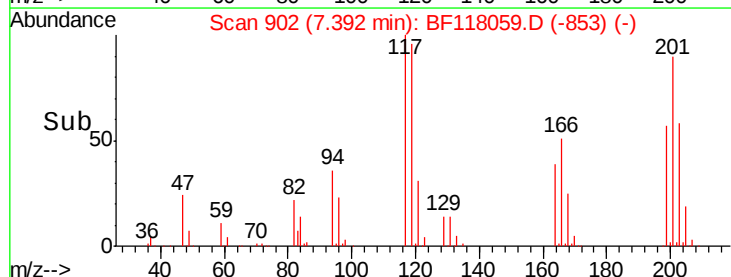
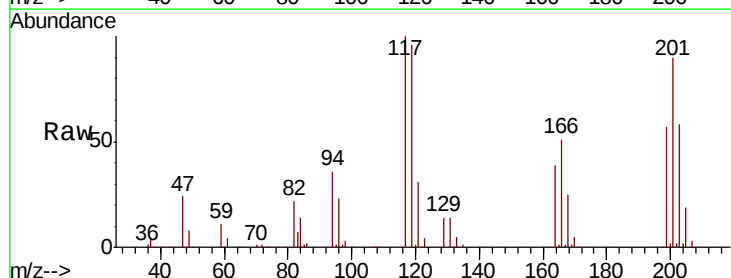
Instrument :
BNA_F
ClientSampleId :

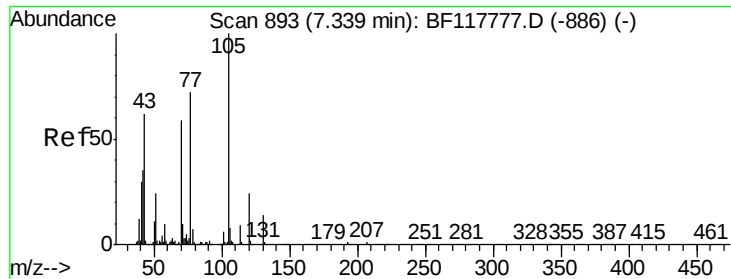
Tot Ion:107 Resp: 304975
Ion Ratio Lower Upper
107 100
108 112.3 89.1 133.7
77 43.8 36.6 54.8
79 43.8 35.2 52.8



#18
Hexachloroethane
Concen: 41.989 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:117 Resp: 165658
Ion Ratio Lower Upper
117 100
119 95.5 78.7 118.1
201 89.6 86.5 129.7

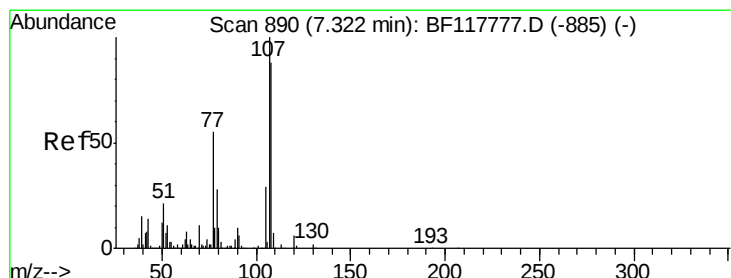
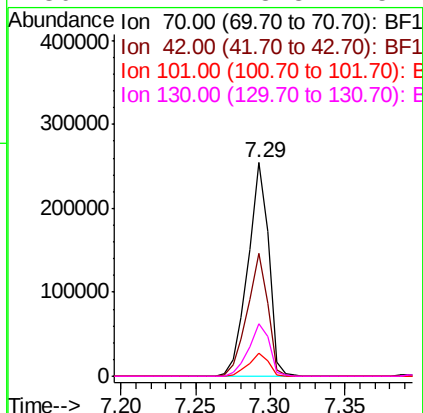
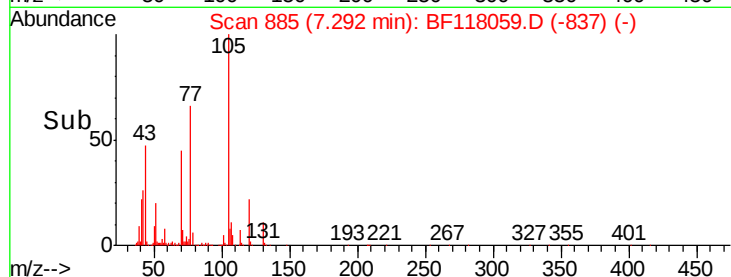
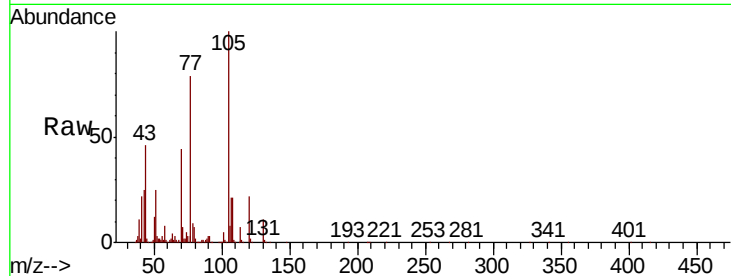




#19
n-Nitroso-di-n-propylamine
Concen: 39.633 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

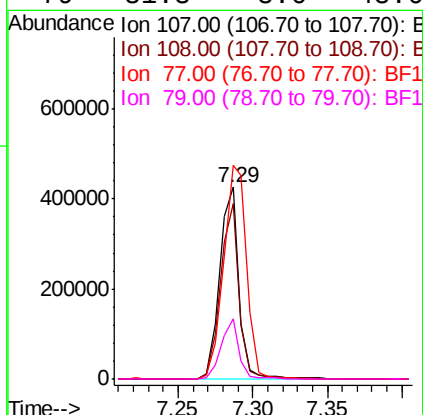
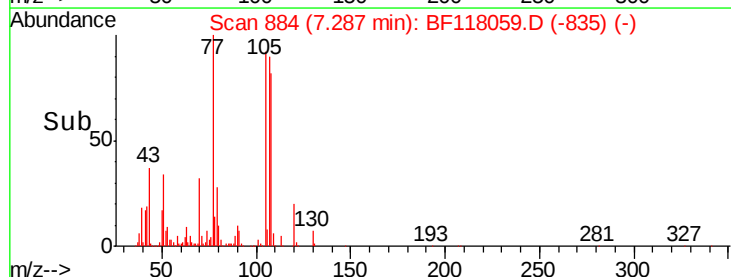
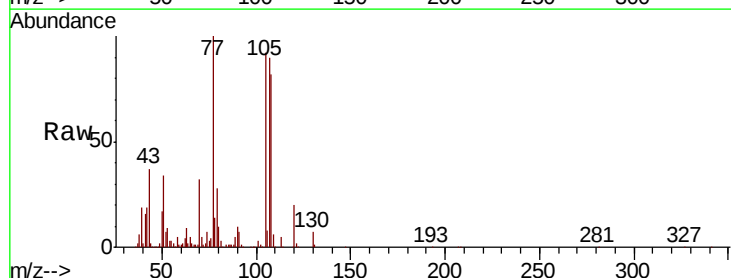
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	245280
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.4	71.2
101	11.0	8.4	12.6
130	24.7	18.8	28.2



#20
3+4-Methylphenols
Concen: 40.838 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:	107	Resp:	387431
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.4	108.4
77	111.6	35.2	75.2#
79	31.3	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 547049

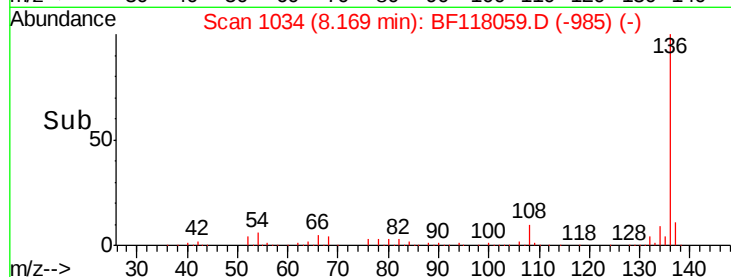
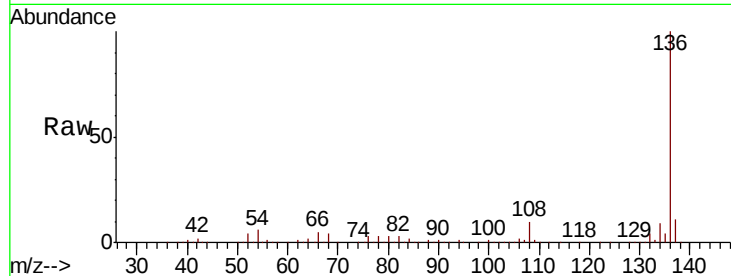
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.1 5.4 8.2

68 4.5 4.3 6.5

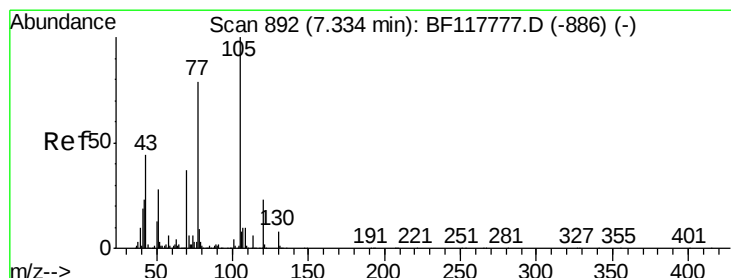
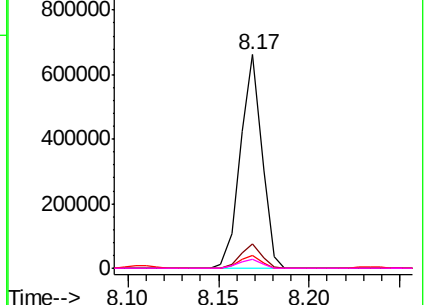


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.304 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Tgt Ion:105 Resp: 532233

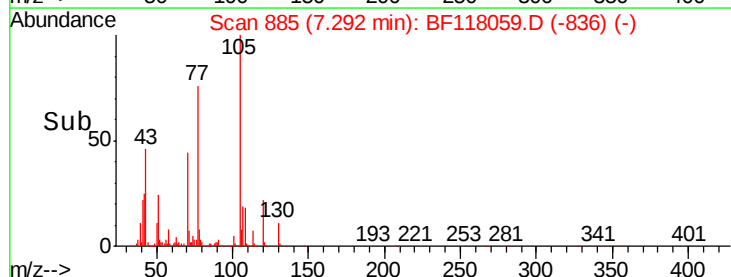
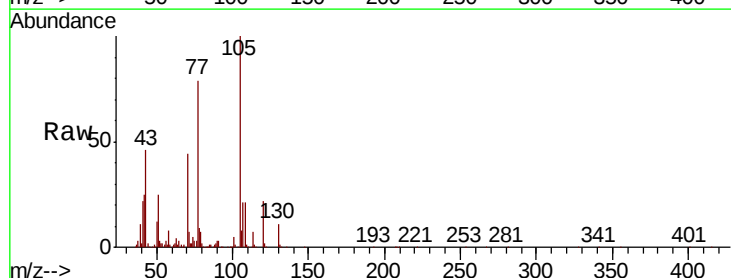
Ion Ratio Lower Upper

105 100

71 7.4 4.9 7.3#

51 25.2 22.7 34.1

120 22.4 18.5 27.7

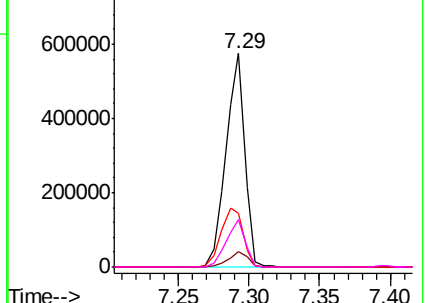


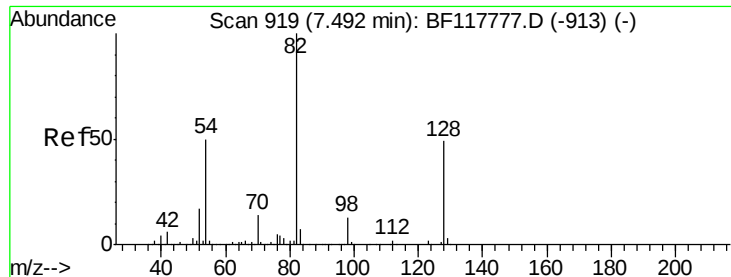
Abundance Ion 105.00 (104.70 to 105.70): E

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

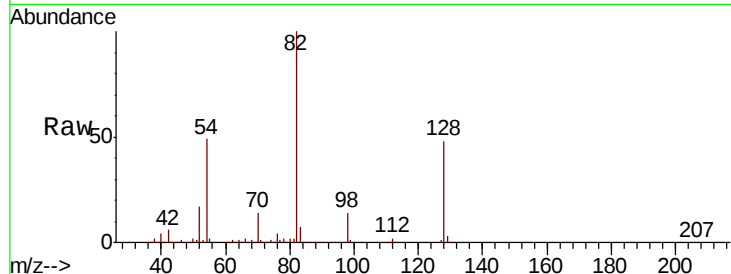




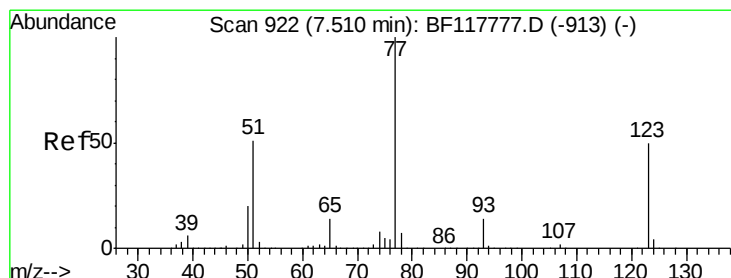
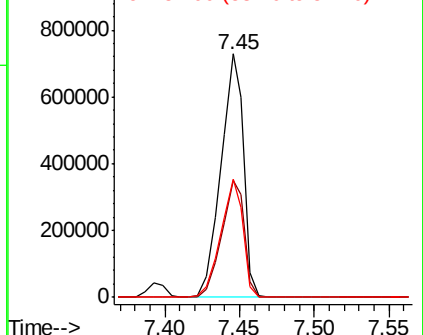
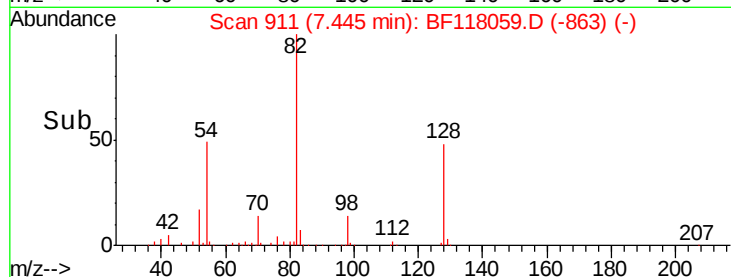
#23
Nitrobenzene-d5
Concen: 84.512 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	777715
Ion Ratio	100	Lower	Upper
128	47.8	38.9	58.3
54	48.7	39.8	59.6

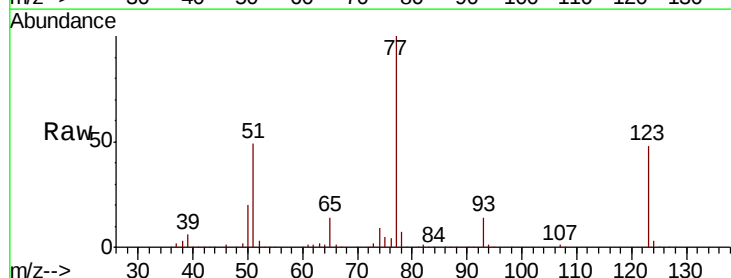


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

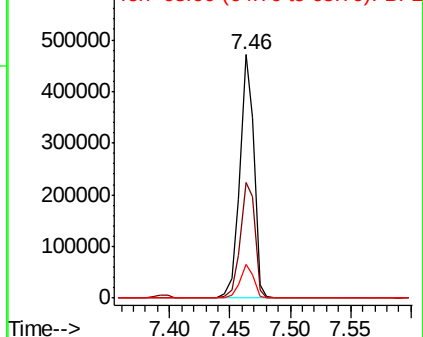
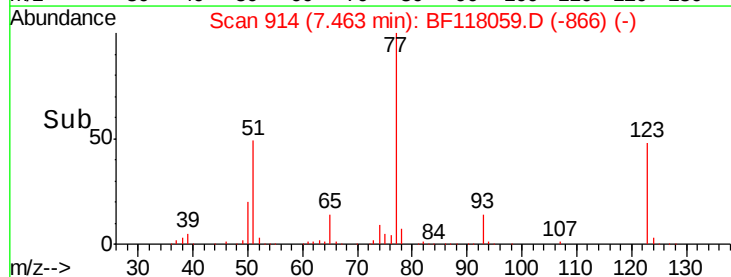


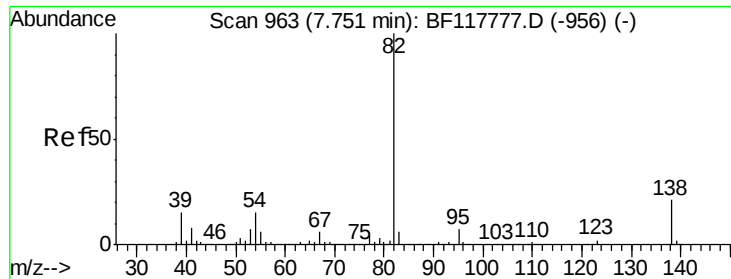
#24
Nitrobenzene
Concen: 40.675 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion	77	Resp	386154
Ion Ratio	100	Lower	Upper
123	47.7	40.3	60.5
65	13.9	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.565 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

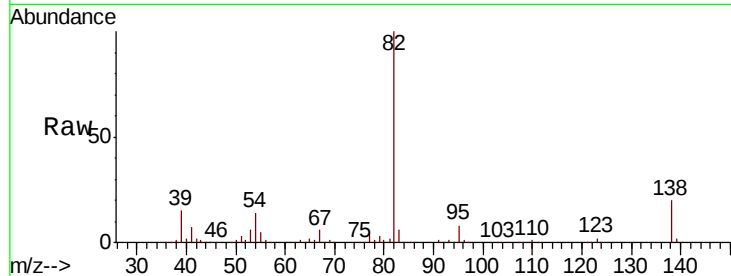
Tot Ion: 82 Resp: 667328

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.8

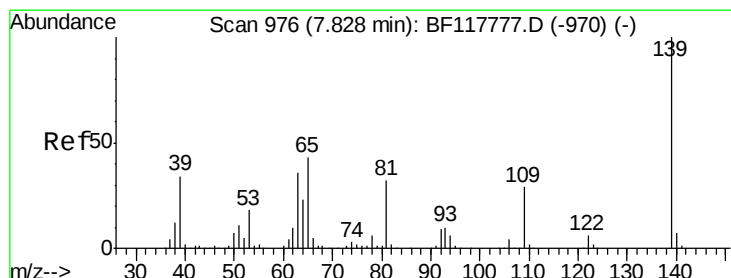
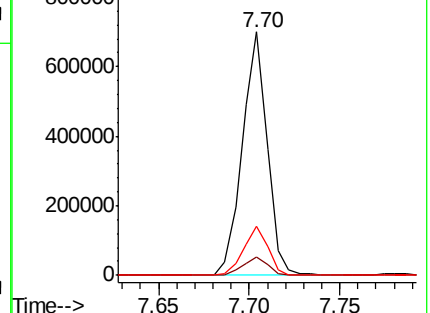
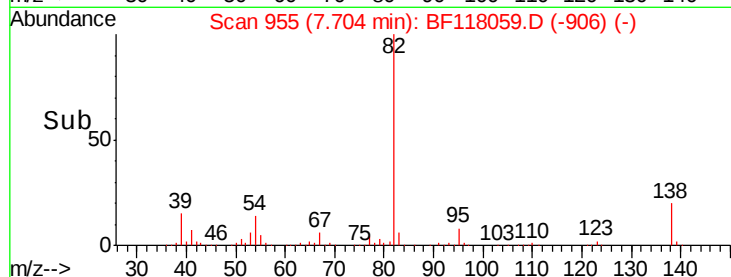
138 19.9 16.5 24.7



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: 43.793 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

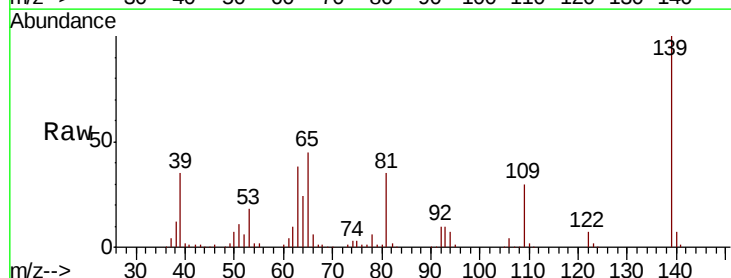
Tgt Ion: 139 Resp: 202358

Ion Ratio Lower Upper

139 100

109 29.7 23.0 34.4

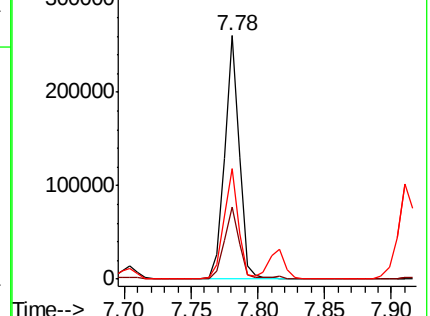
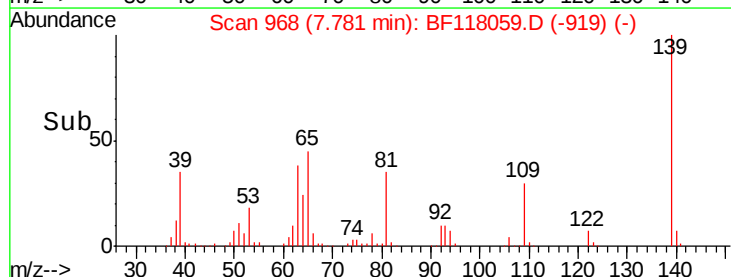
65 45.3 34.7 52.1

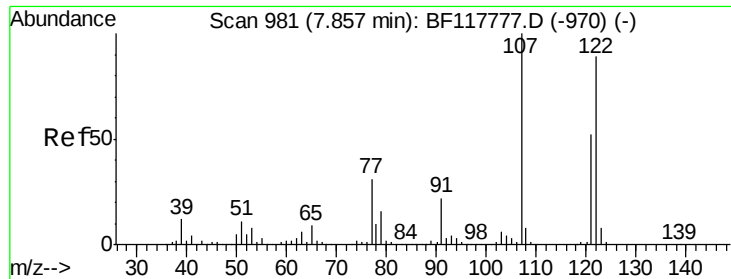


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

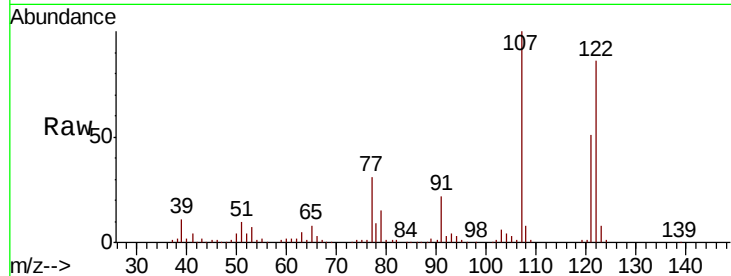




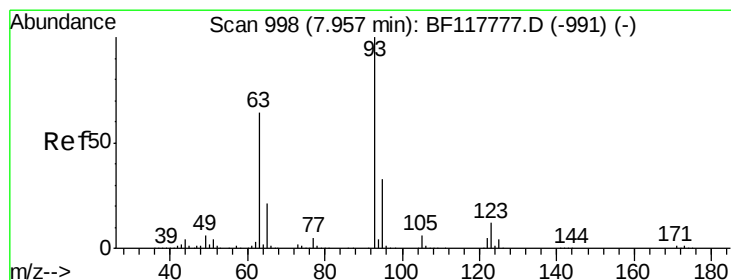
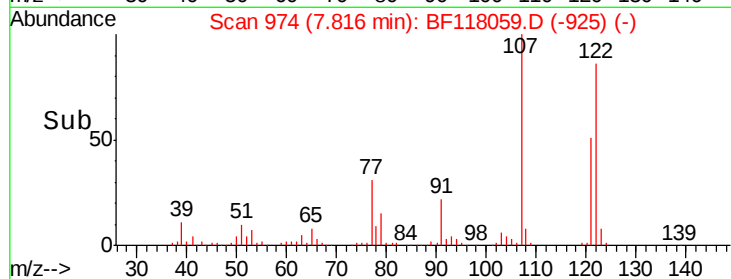
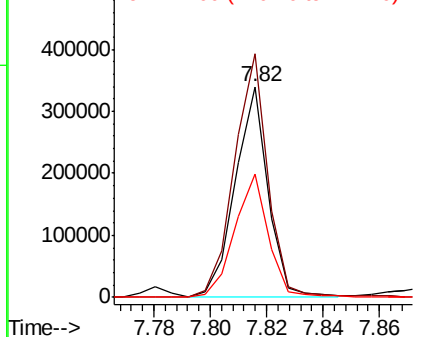
#27
 2,4-Dimethylphenol
 Concen: 38.405 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 275753
 Ion Ratio Lower Upper
 122 100
 107 115.7 90.0 135.0
 121 58.6 46.7 70.1

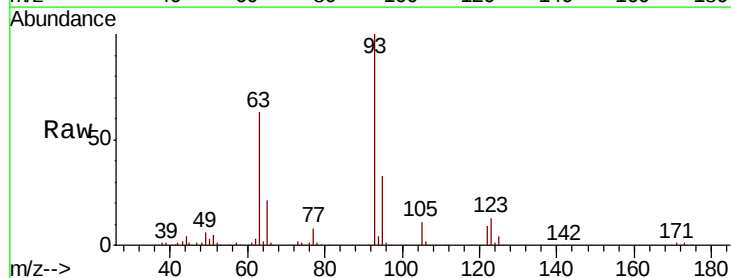


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

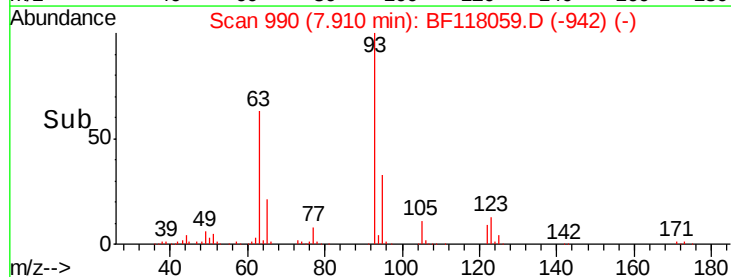
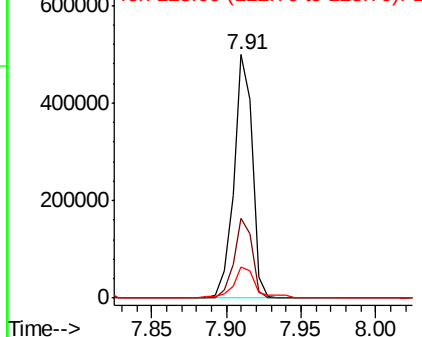


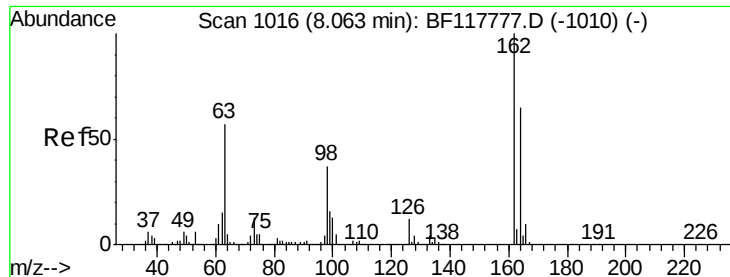
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.714 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion: 93 Resp: 435773
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 12.8 10.3 15.5



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

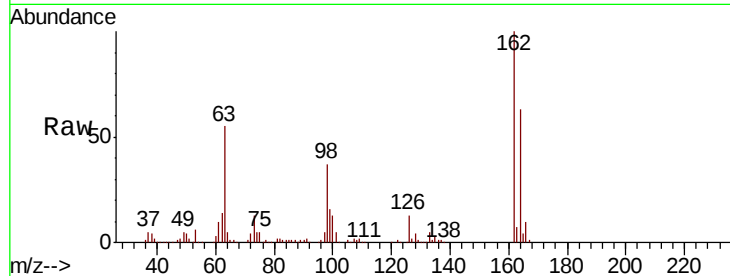




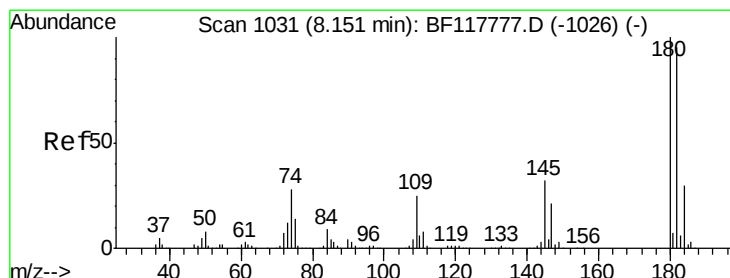
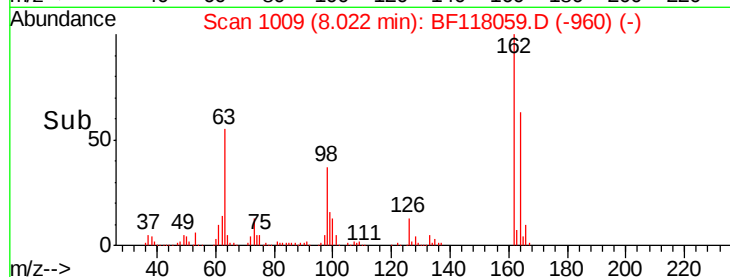
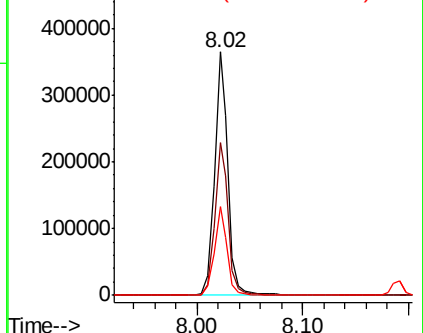
#29
2,4-Dichlorophenol
Concen: 41.853 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 325972
Ion Ratio Lower Upper
162 100
164 62.9 45.1 85.1
98 36.7 17.2 57.2

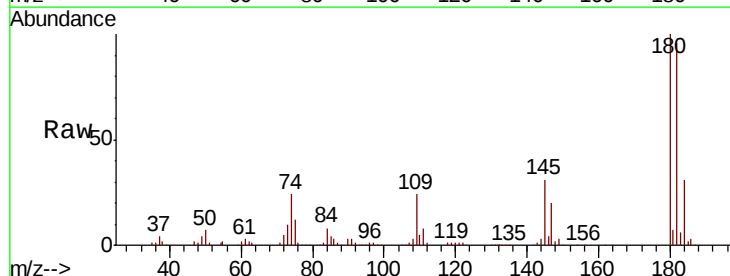


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

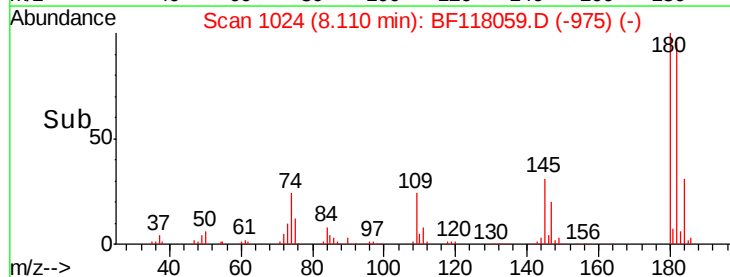
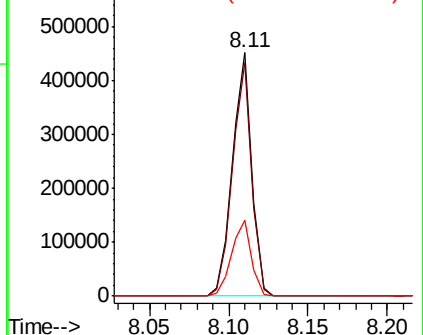


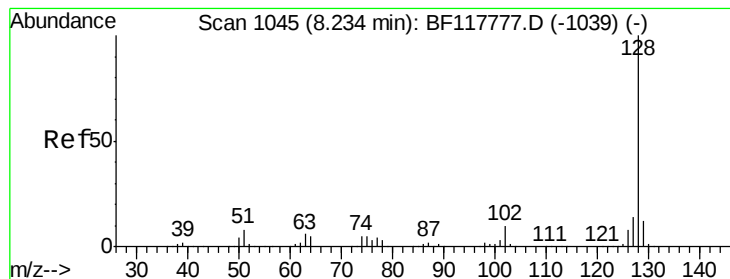
#30
1,2,4-Trichlorobenzene
Concen: 42.141 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:180 Resp: 380700
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 31.4 25.5 38.3



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: 43.978 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

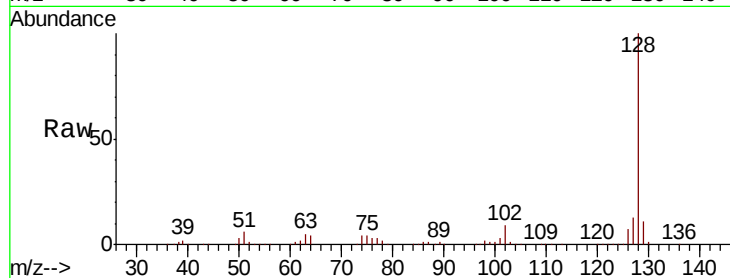
Tot Ion:128 Resp: 1121555

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

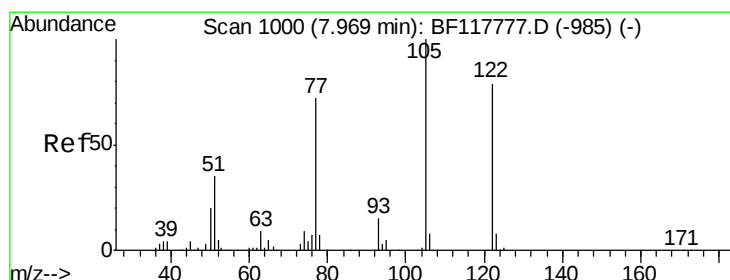
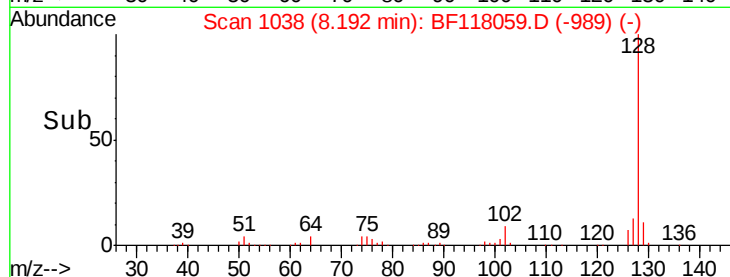
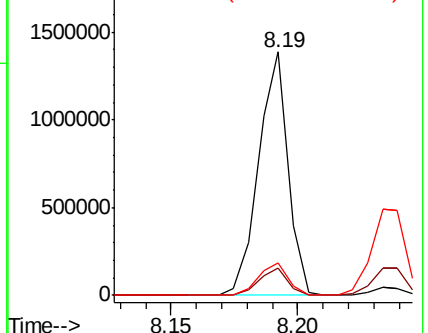
127 13.3 11.3 16.9



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: 38.066 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

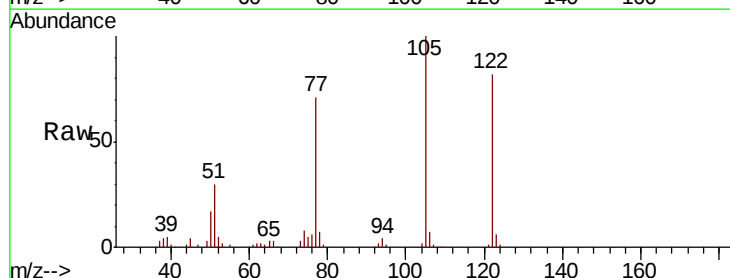
Tgt Ion:122 Resp: 228854

Ion Ratio Lower Upper

122 100

105 121.4 102.7 142.7

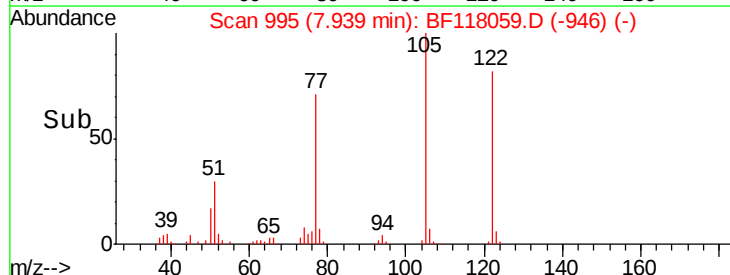
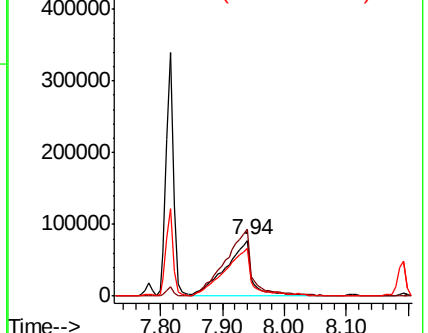
77 86.4 70.5 110.5



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

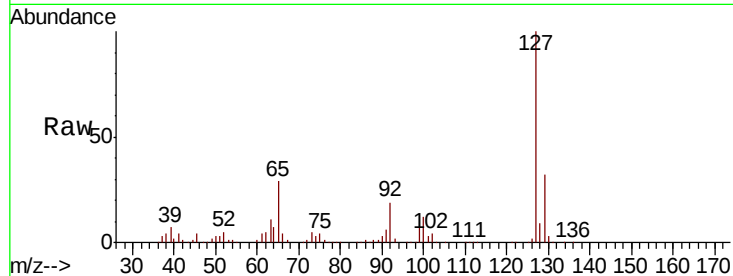




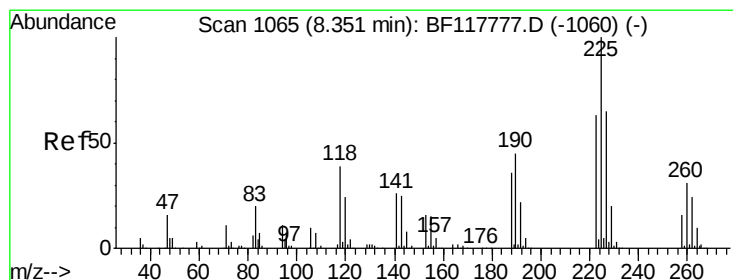
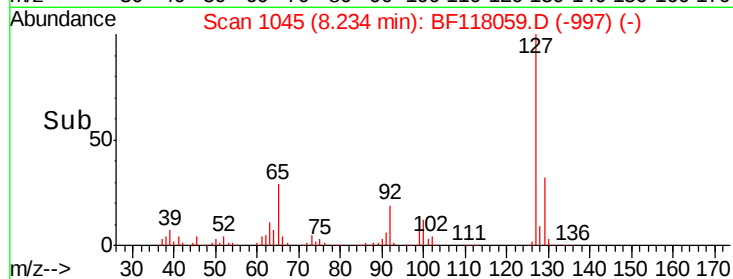
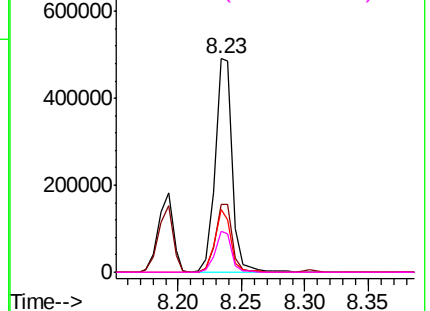
#33
4-Chloroaniline
Concen: 41.314 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	471685
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	29.2	22.9	34.3
92	18.9	15.0	22.6

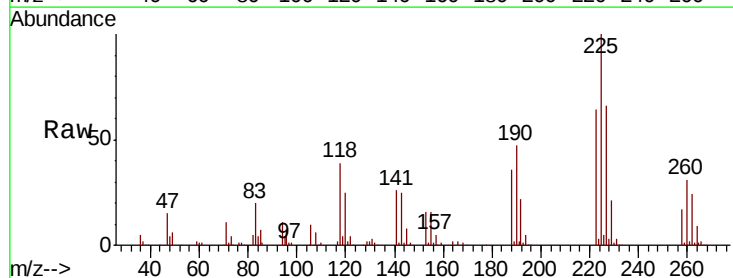


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

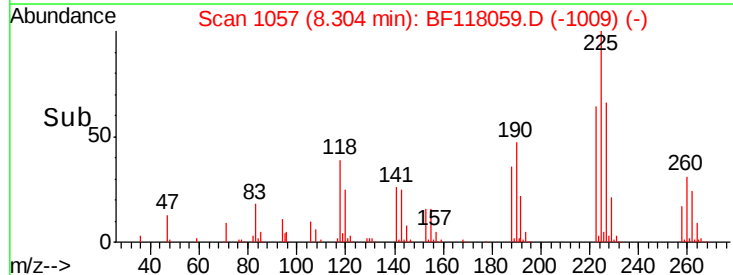
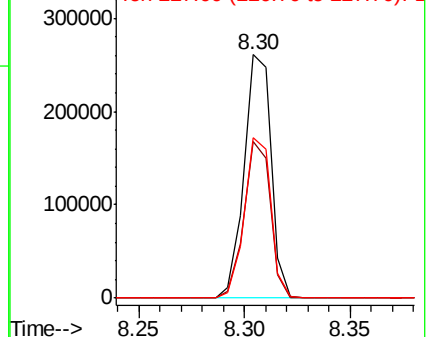


#34
Hexachlorobutadiene
Concen: 43.662 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:	225	Resp:	230620
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.0	75.0
227	65.7	51.8	77.6



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

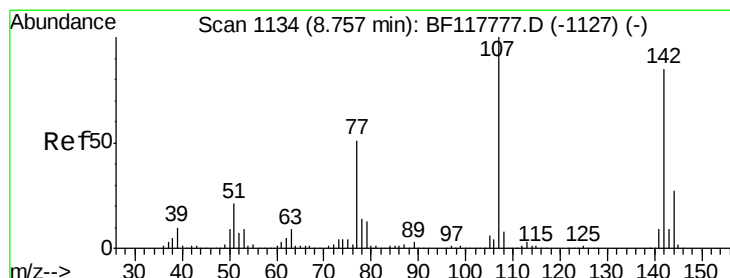
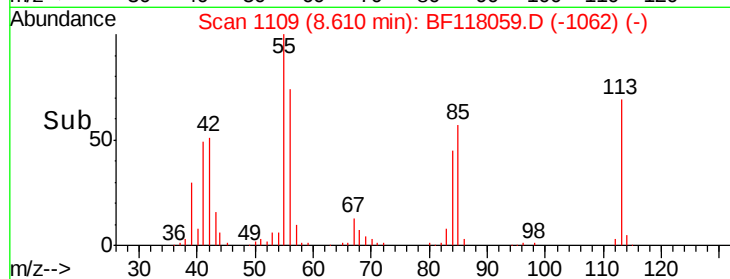
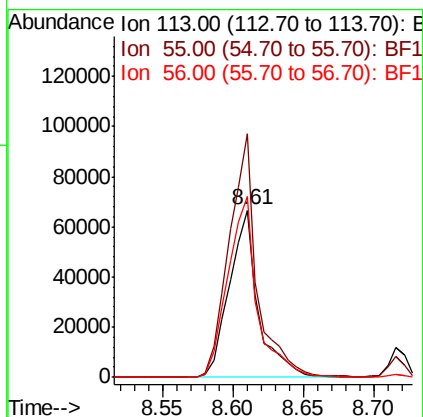
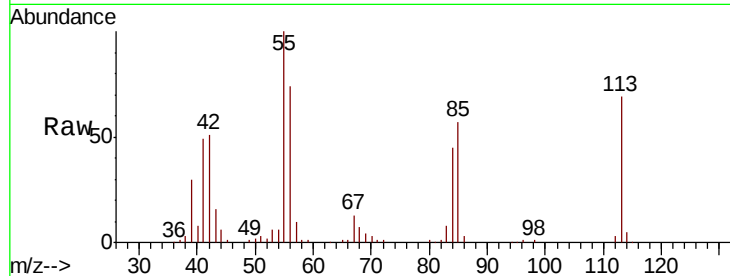




#35
 Caprolactam
 Concen: 38.348 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

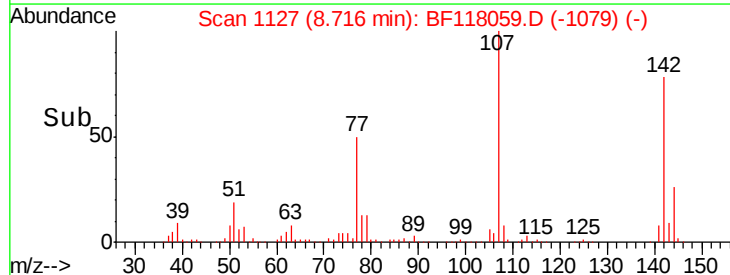
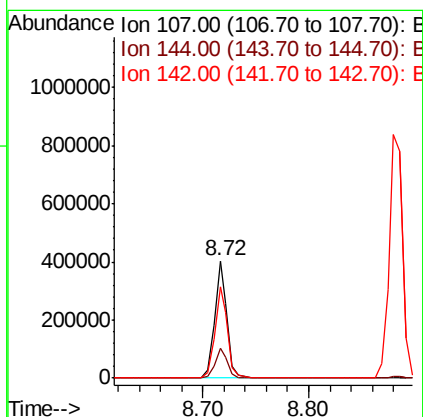
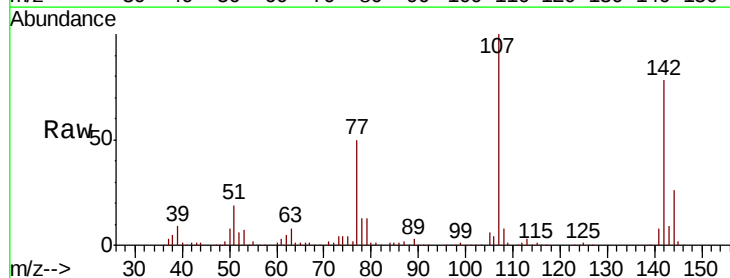
Instrument :
 BNA_F
 ClientSampleId :

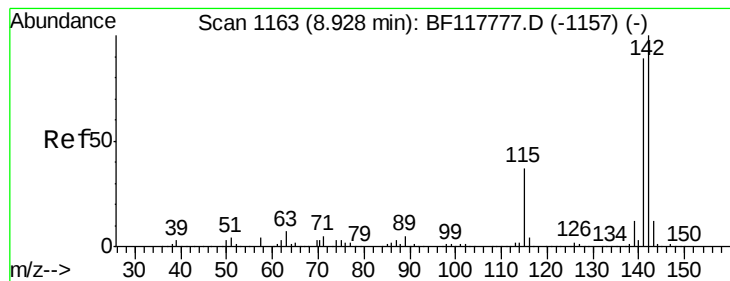
Tot Ion:113 Resp: 94921
 Ion Ratio Lower Upper
 113 100
 55 145.5 141.1 181.1
 56 108.0 100.5 140.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.104 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion:107 Resp: 332800
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.9 32.9
 142 78.1 67.7 101.5





#37

2-Methylnaphthalene

Concen: 43.798 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

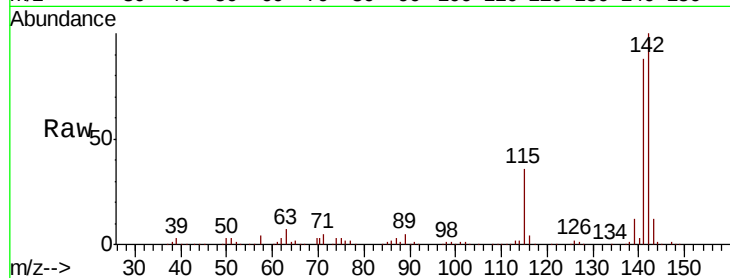
Tot Ion:142 Resp: 754699

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7

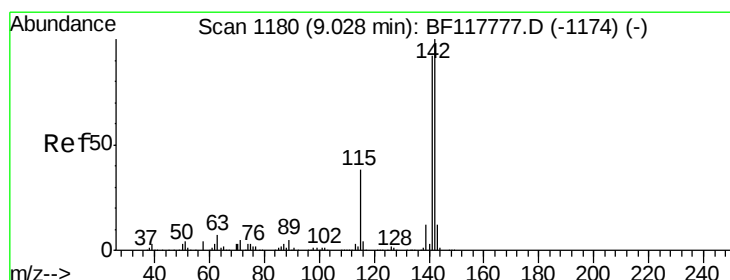
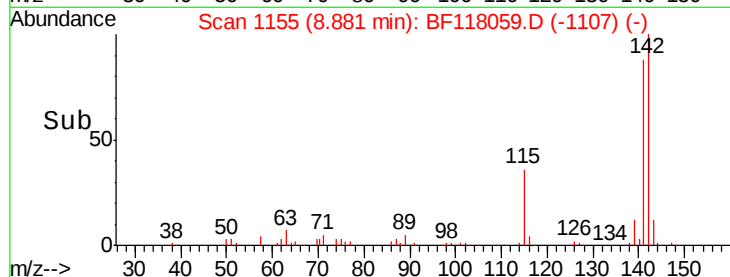
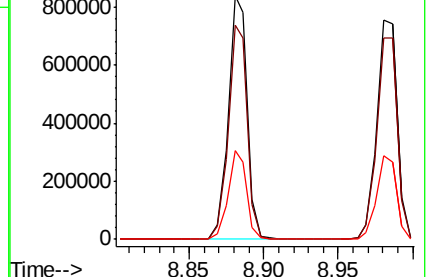
115 36.5 29.2 43.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.343 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

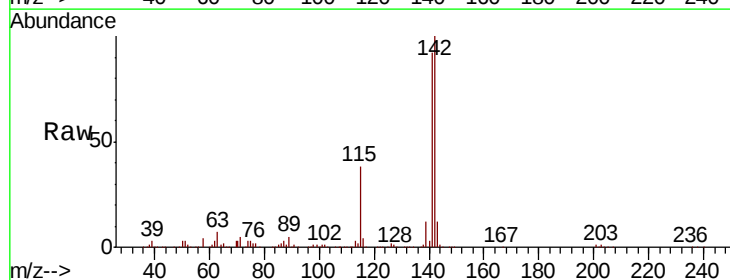
Tgt Ion:142 Resp: 706078

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3

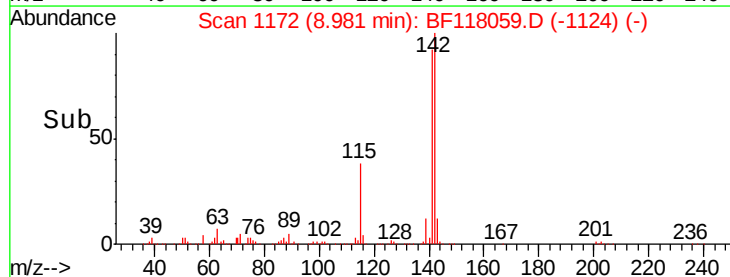
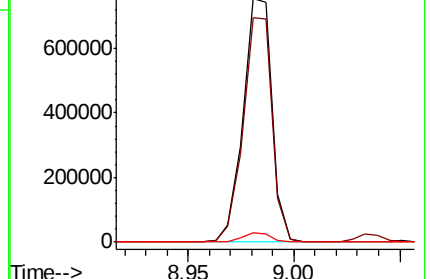
116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

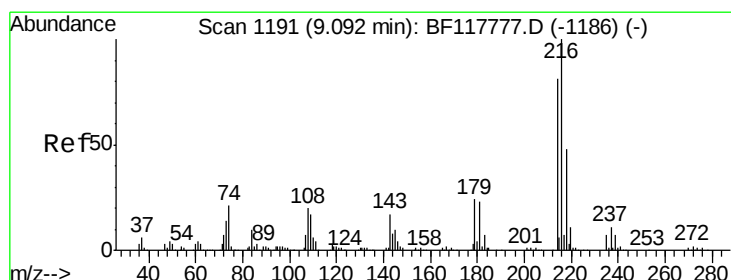
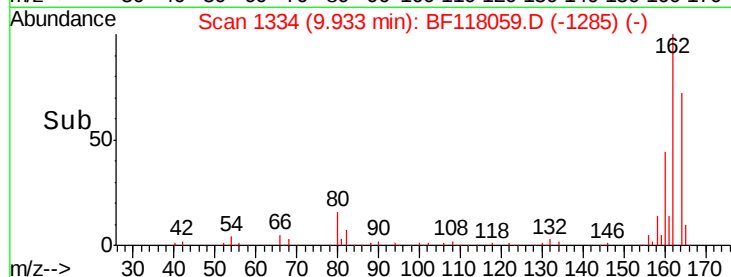
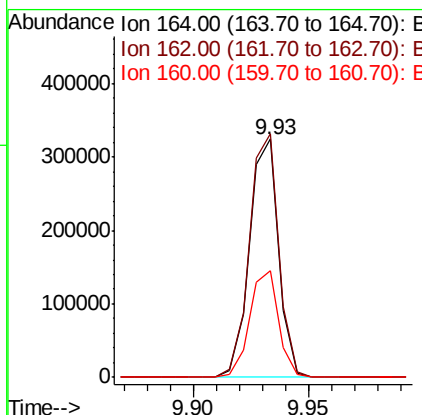
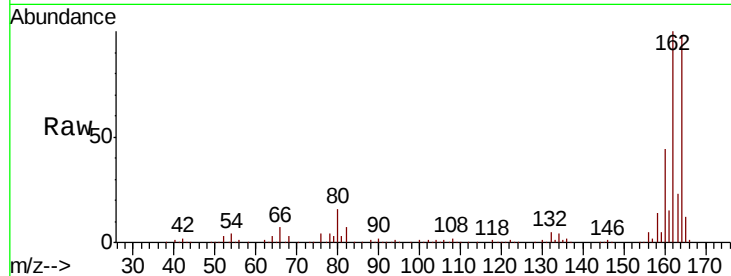




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

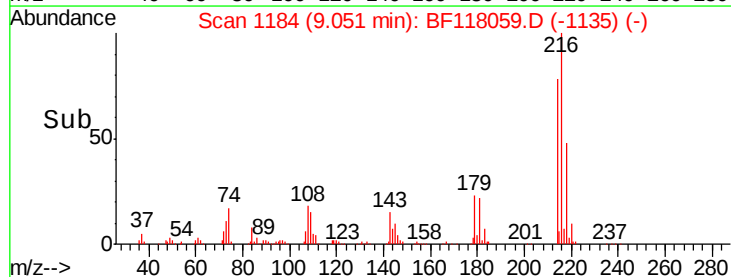
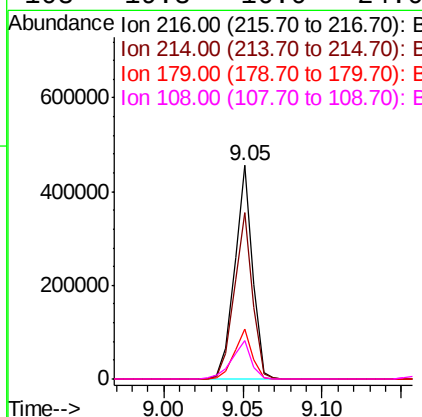
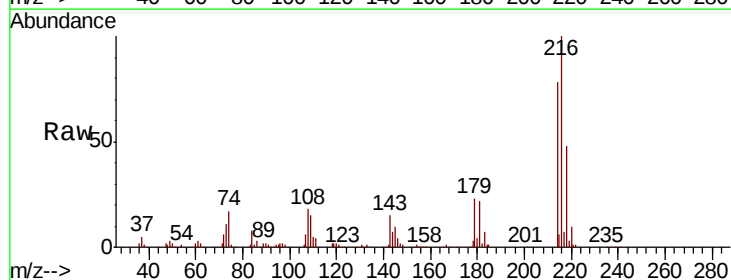
Instrument :
BNA_F
ClientSampleId :

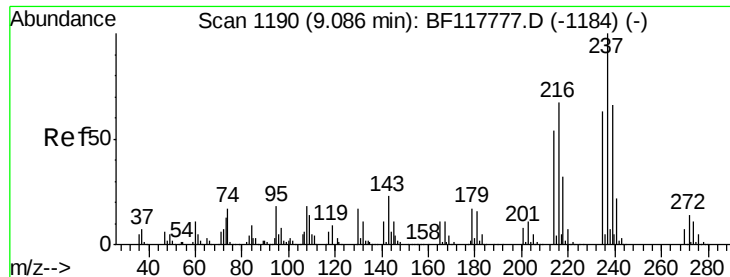
Tot Ion:164 Resp: 285230
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 44.9 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.134 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:216 Resp: 357297
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 23.1 18.2 27.4
108 19.3 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 34.359 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampled :

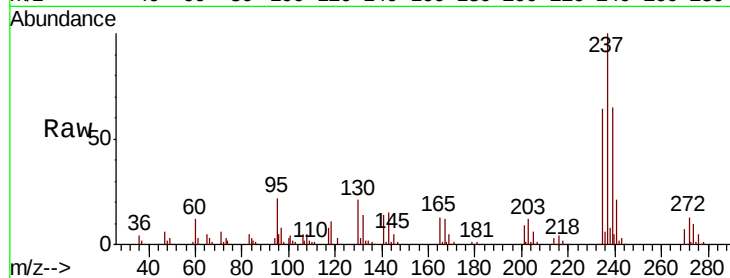
Tot Ion:237 Resp: 159496

Ion Ratio Lower Upper

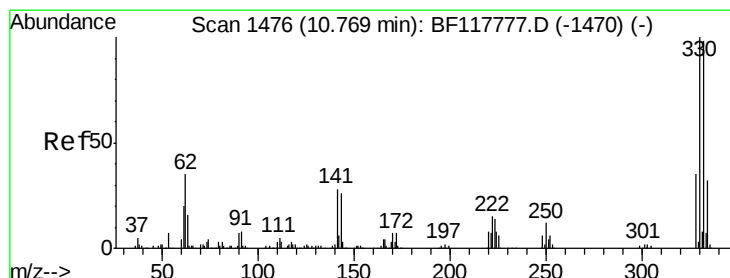
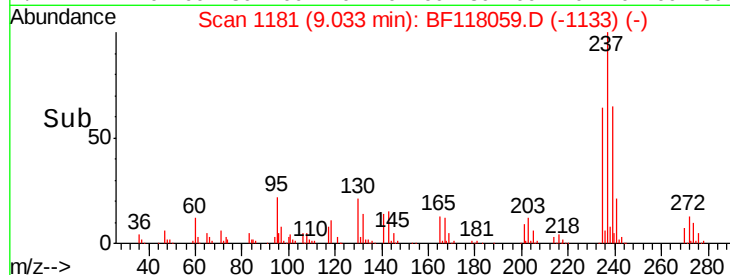
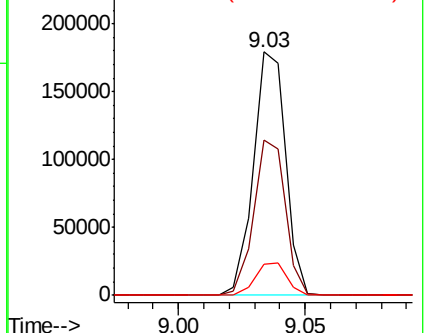
237 100

235 63.7 42.6 82.6

272 12.7 0.0 34.3



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: 89.502 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

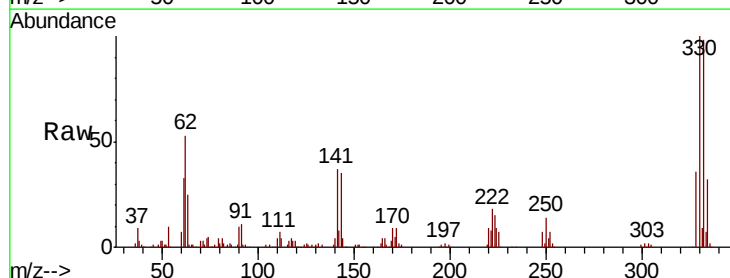
Tgt Ion:330 Resp: 270268

Ion Ratio Lower Upper

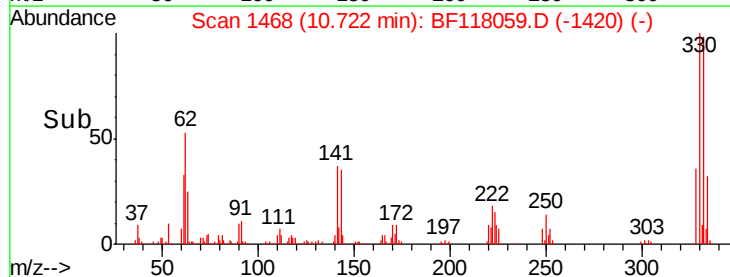
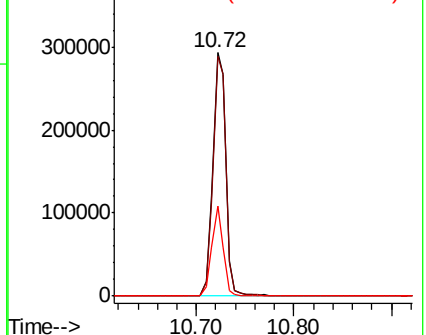
330 100

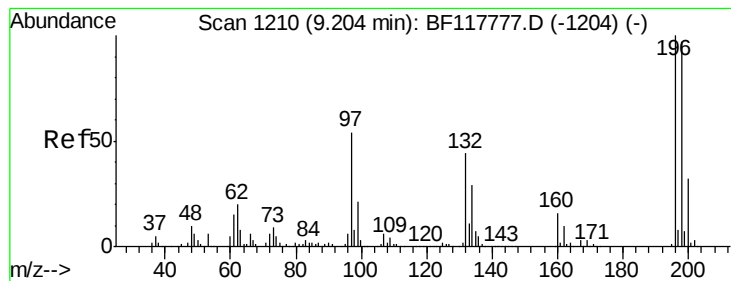
332 97.9 76.7 115.1

141 33.0 27.7 41.5



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: 40.114 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampled :

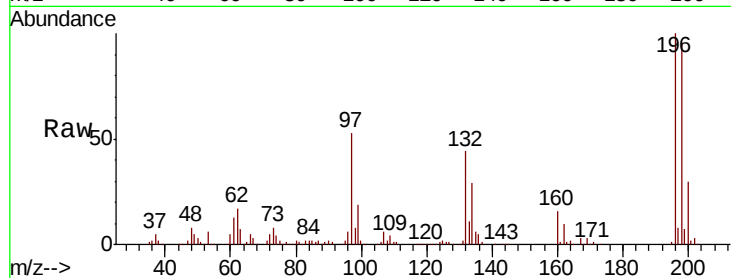
Tot Ion:196 Resp: 237997

Ion Ratio Lower Upper

196 100

198 96.1 77.8 116.6

200 30.3 25.4 38.0

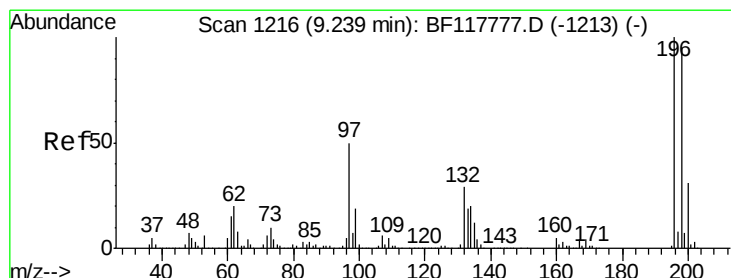
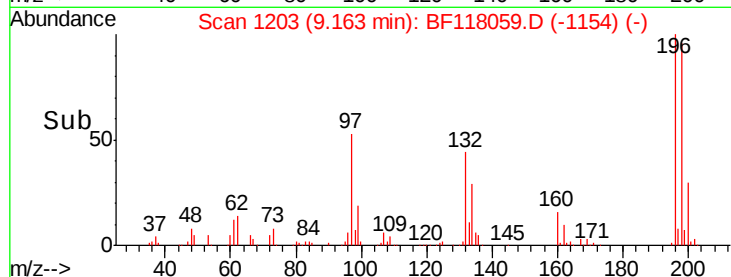
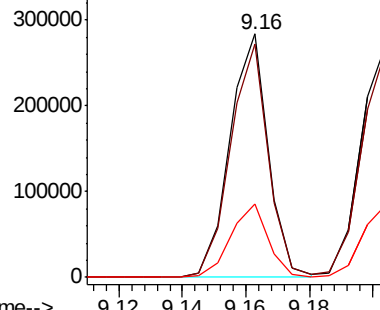


Abundance

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: 39.864 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Tgt Ion:196 Resp: 245568

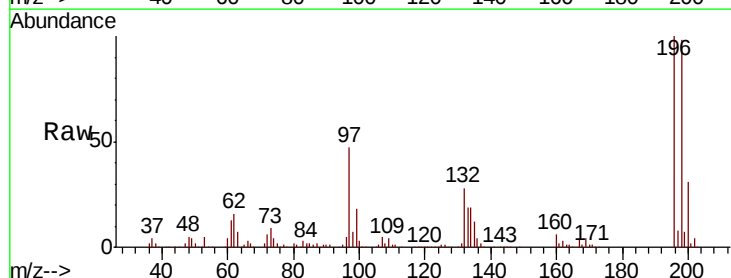
Ion Ratio Lower Upper

196 100

198 97.6 76.3 114.5

97 46.8 40.0 60.0

132 28.4 23.6 35.4



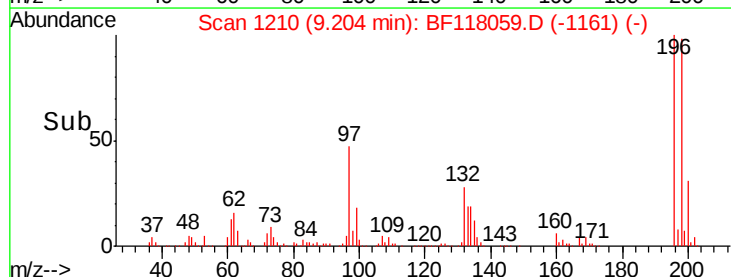
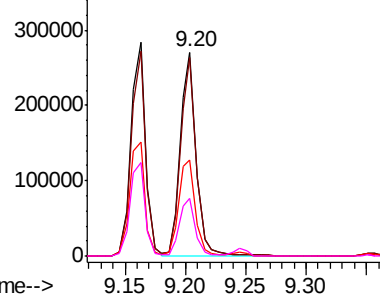
Abundance

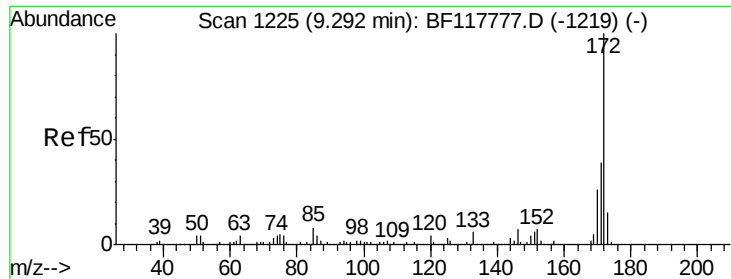
Ion 196.00 (195.70 to 196.70): E

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



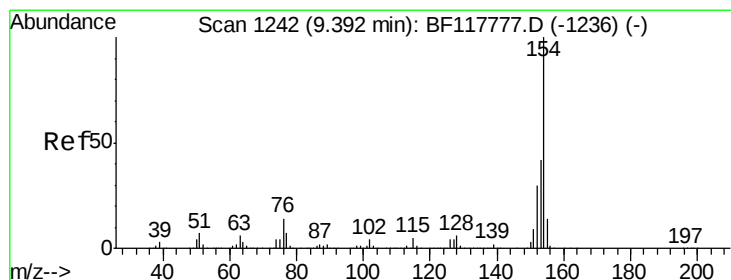
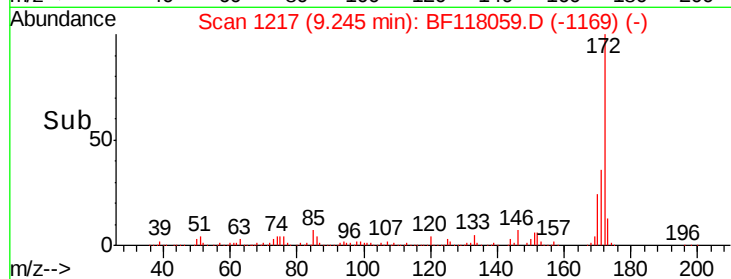
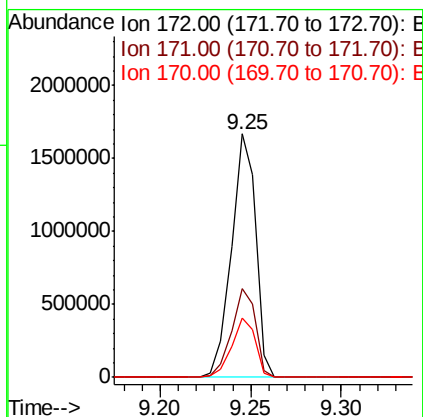
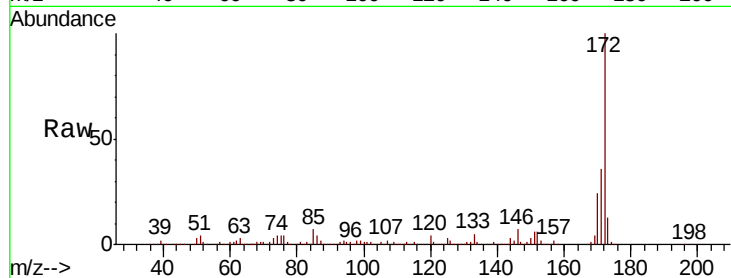


#45
 2-Fluorobiphenyl
 Concen: 97.377 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1548185

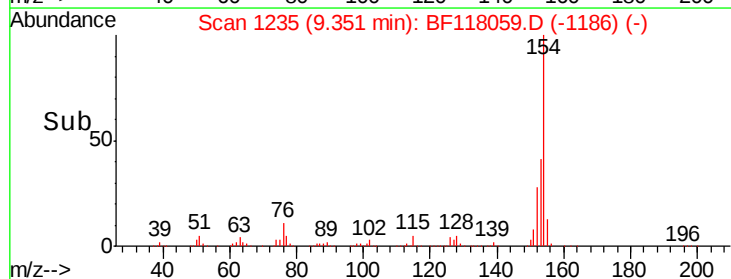
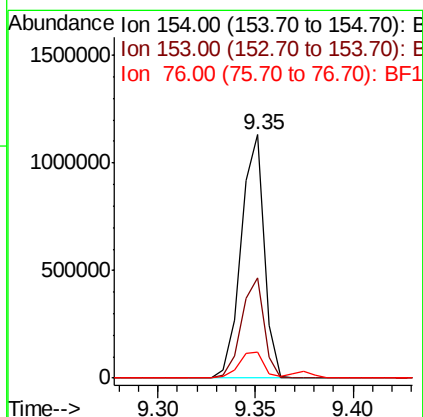
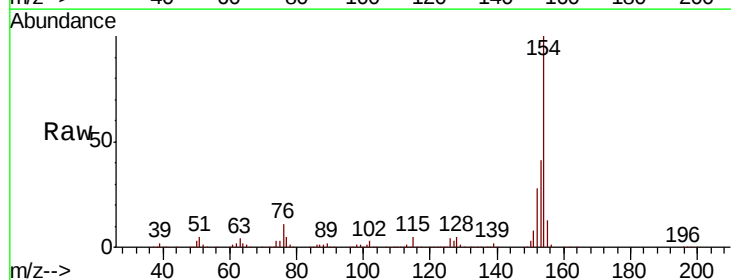
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.1	21.0	31.4

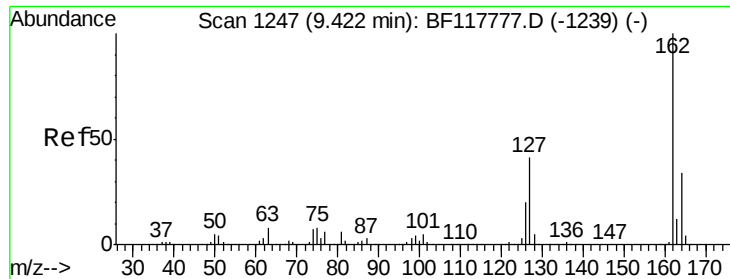


#46
 1,1'-Biphenyl
 Concen: 43.635 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion:154 Resp: 923387

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	10.8	0.0	33.6

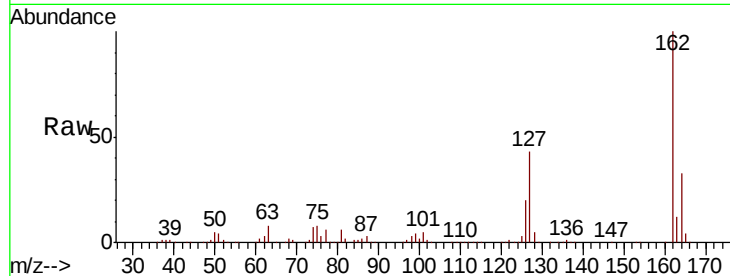




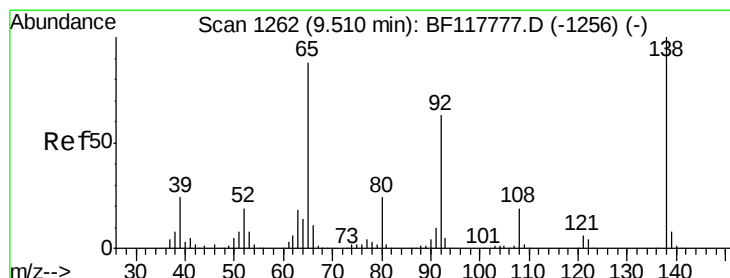
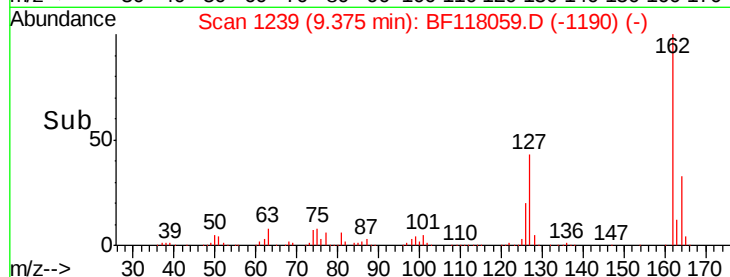
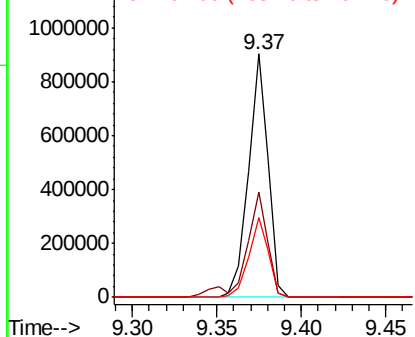
#47
 2-Chloronaphthalene
 Concen: 42.109 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 733054
 Ion Ratio Lower Upper
 162 100
 127 43.3 33.2 49.8
 164 32.5 27.3 40.9

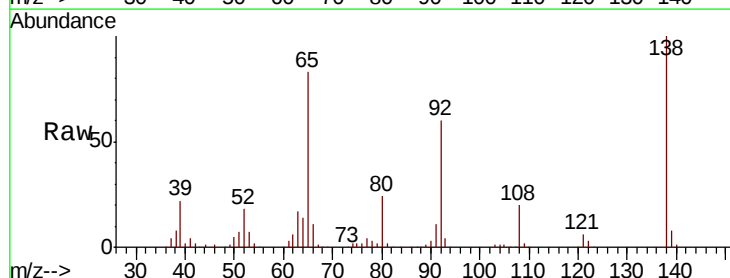


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

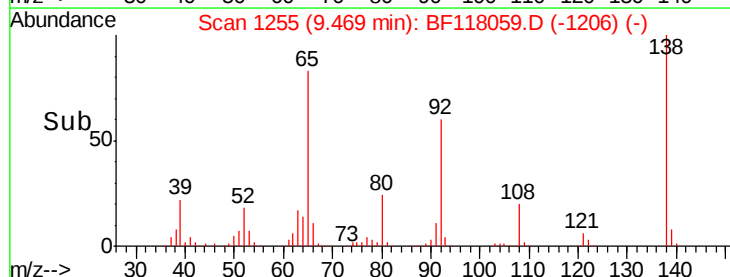
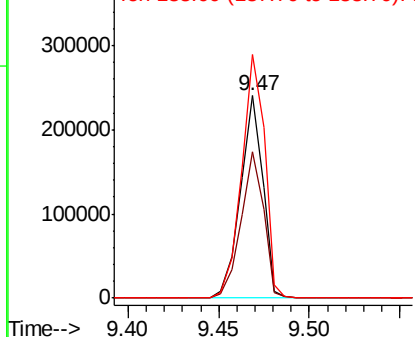


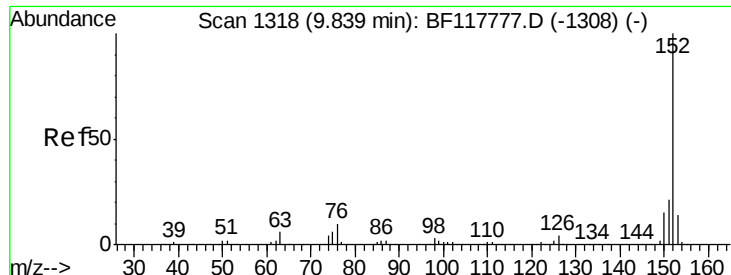
#48
 2-Nitroaniline
 Concen: 39.212 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion: 65 Resp: 206085
 Ion Ratio Lower Upper
 65 100
 92 72.4 56.6 84.8
 138 120.2 90.5 135.7



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: 42.891 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

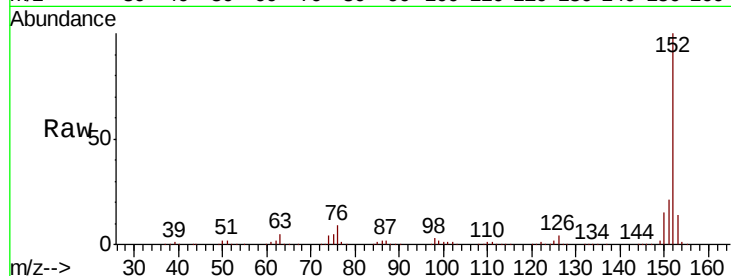
Tot Ion:152 Resp: 1088616

Ion Ratio Lower Upper

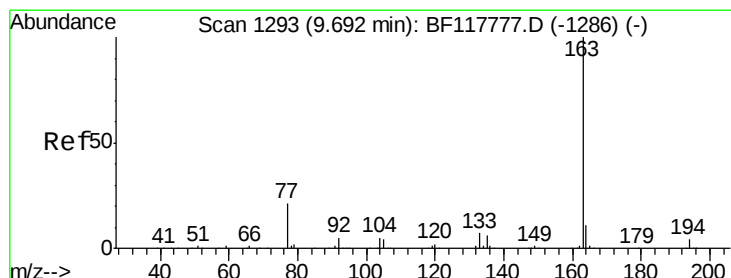
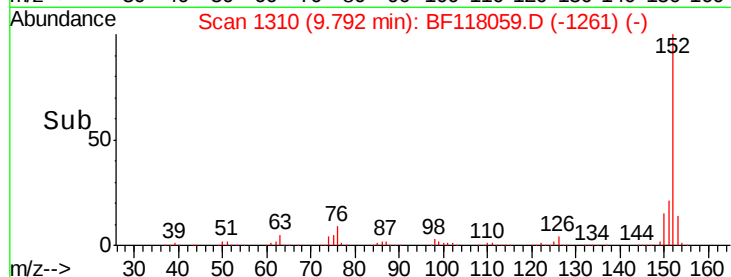
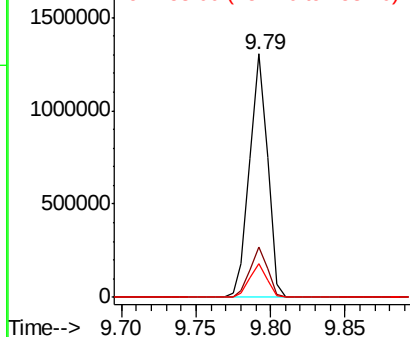
152 100

151 20.9 17.0 25.6

153 13.9 11.0 16.6



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: 41.887 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

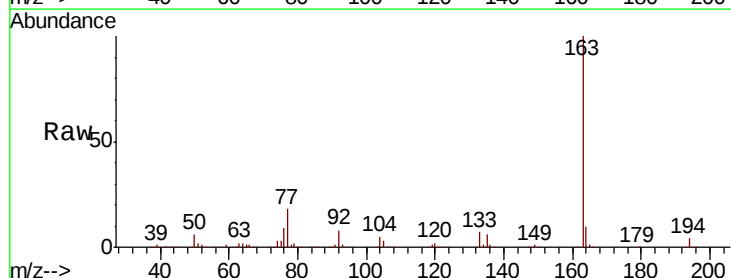
Tgt Ion:163 Resp: 837810

Ion Ratio Lower Upper

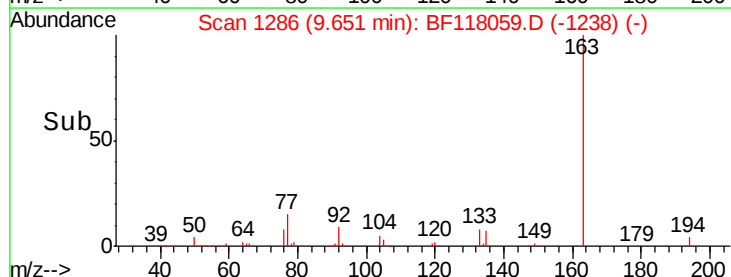
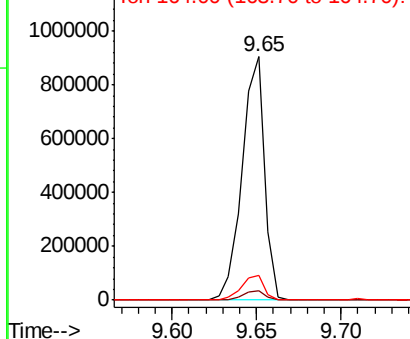
163 100

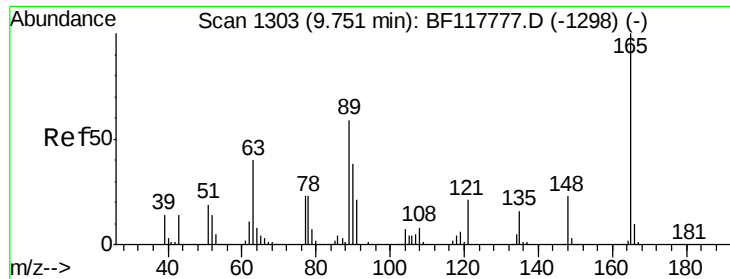
194 3.9 3.3 4.9

164 9.9 8.7 13.1



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: 41.908 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

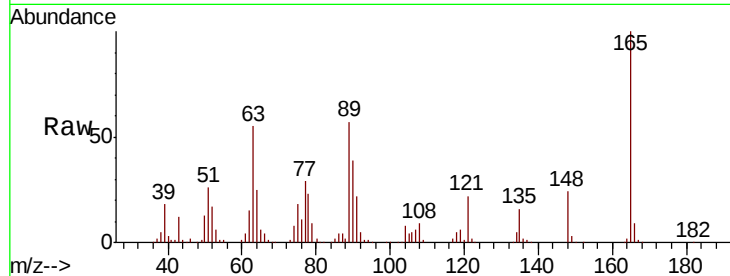
Tot Ion:165 Resp: 183198

Ion Ratio Lower Upper

165 100

63 54.9 46.0 69.0

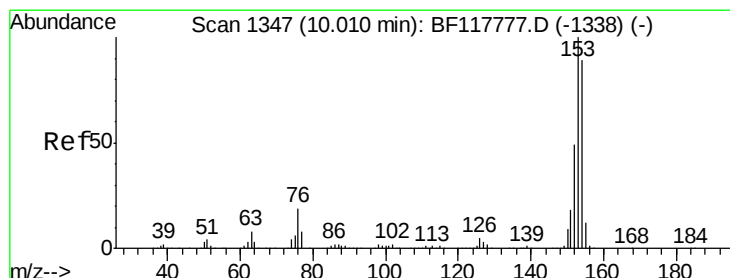
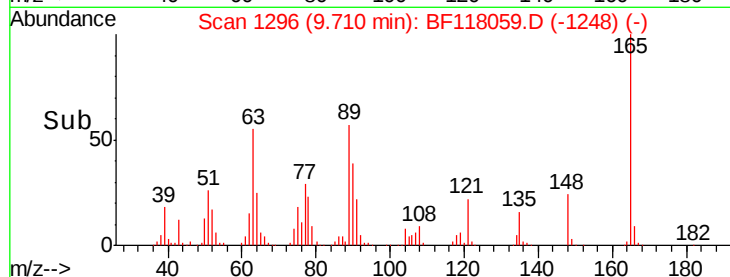
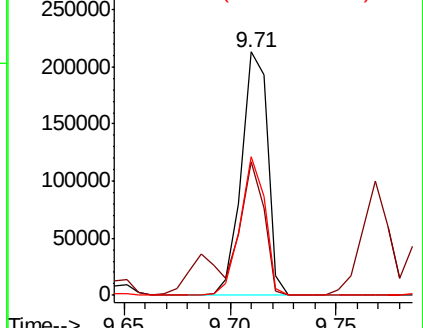
89 56.9 47.7 71.5



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



#52

Acenaphthene

Concen: 41.108 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

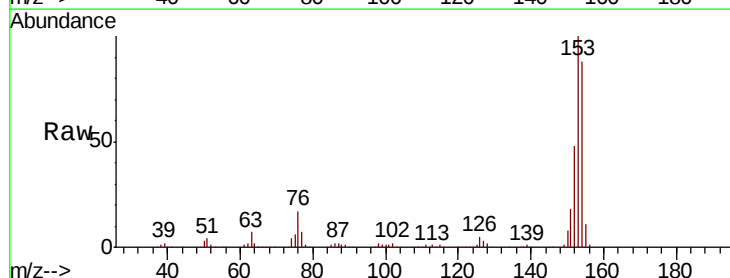
Tgt Ion:154 Resp: 668368

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

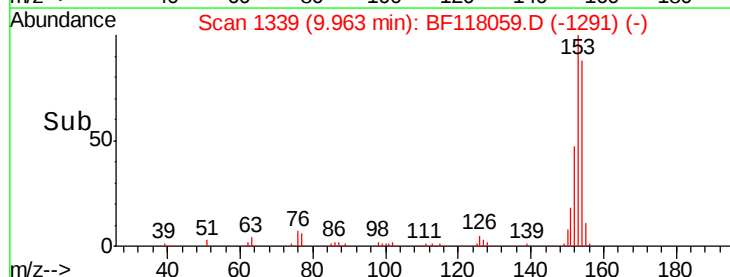
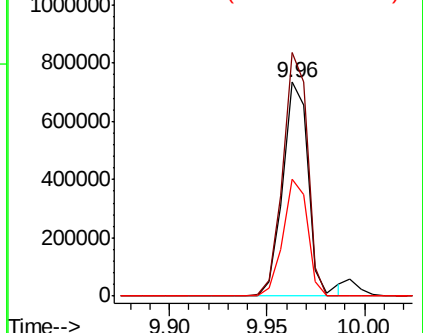
152 54.5 44.0 66.0

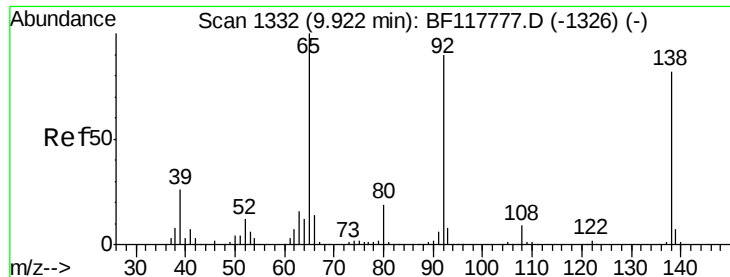


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

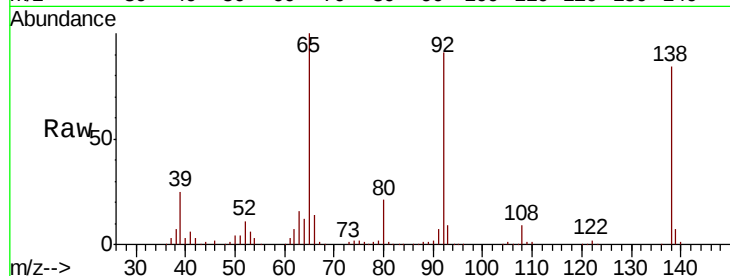




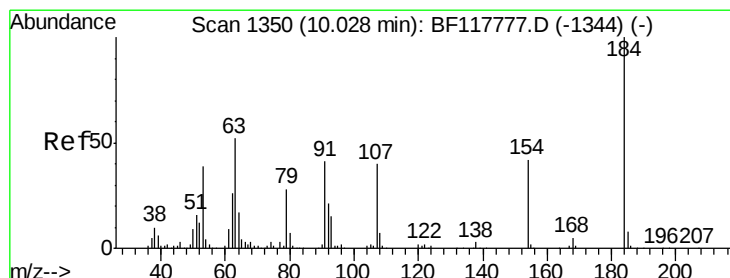
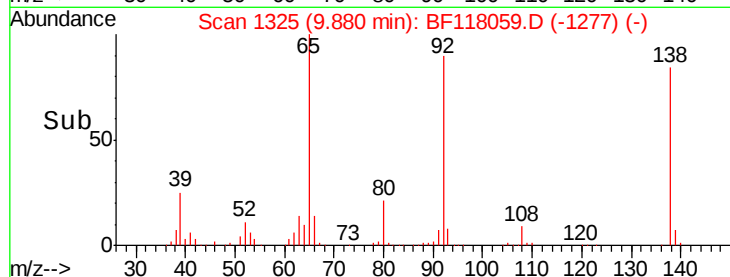
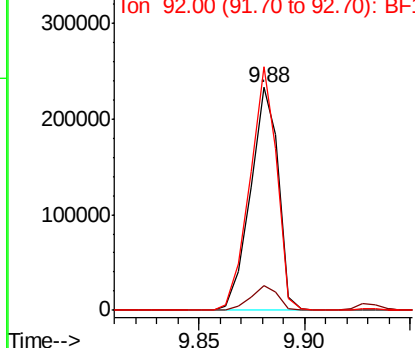
#53
3-Nitroaniline
Concen: 41.048 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 214713
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 109.2 87.9 131.9

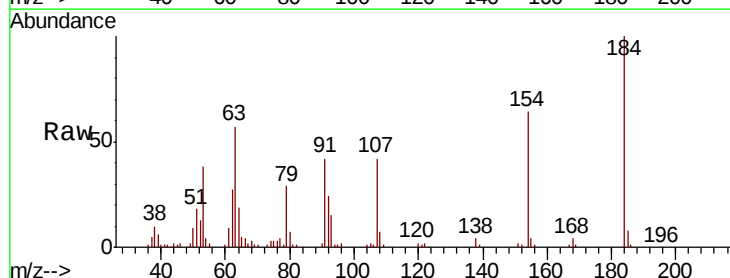


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

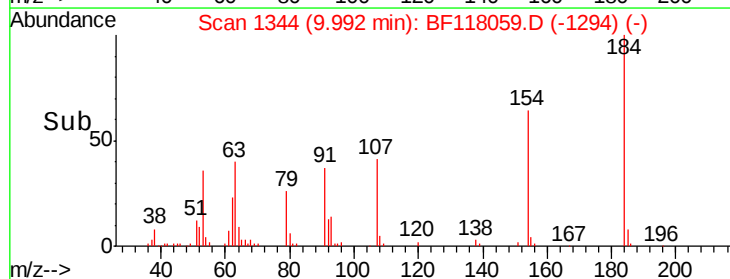
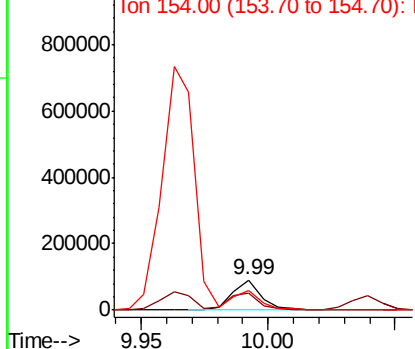


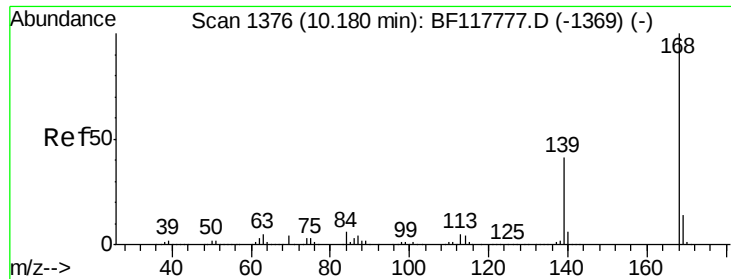
#54
2,4-Dinitrophenol
Concen: 37.497 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:184 Resp: 74746
Ion Ratio Lower Upper
184 100
63 56.6 43.0 64.6
154 64.5 48.0 72.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

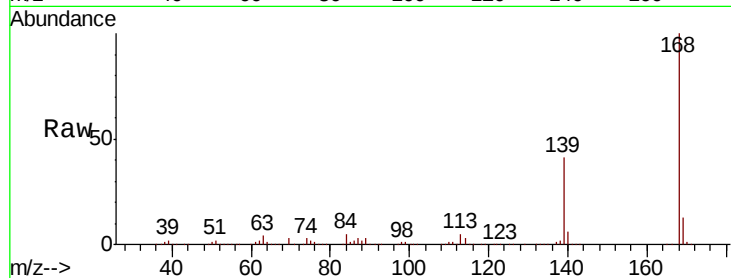




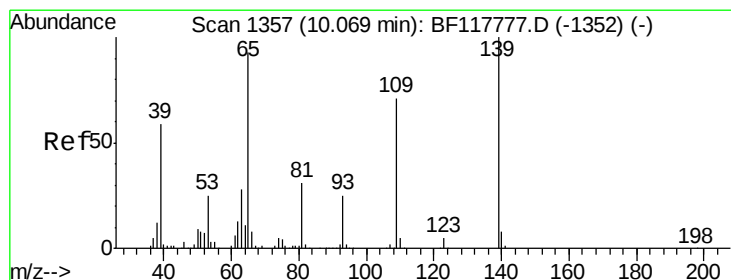
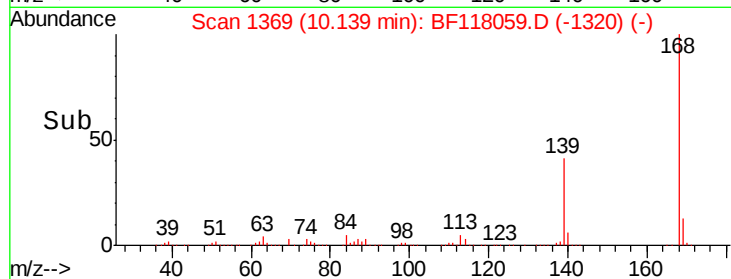
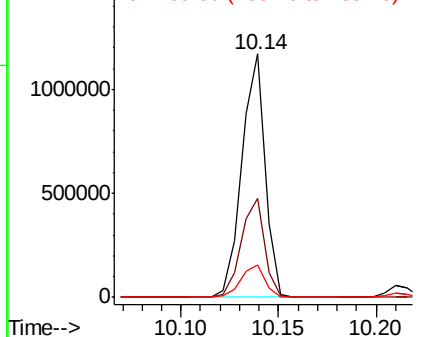
#55
Dibenzenofuran
Concen: 42.856 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 964870
Ion Ratio Lower Upper
168 100
139 40.6 33.0 49.6
169 13.5 11.5 17.3

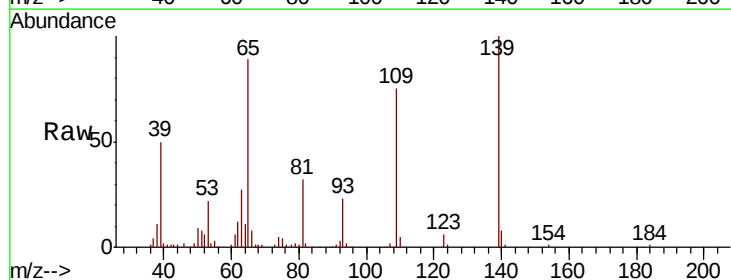


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

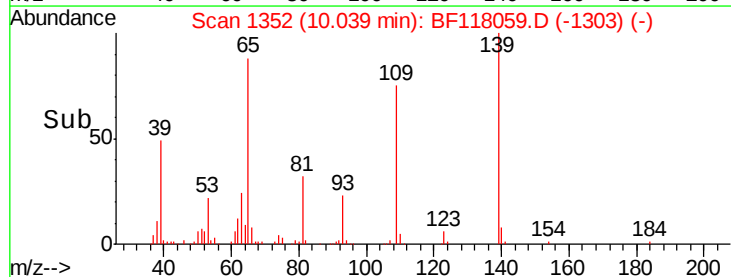
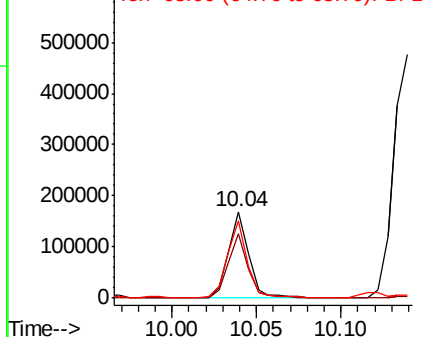


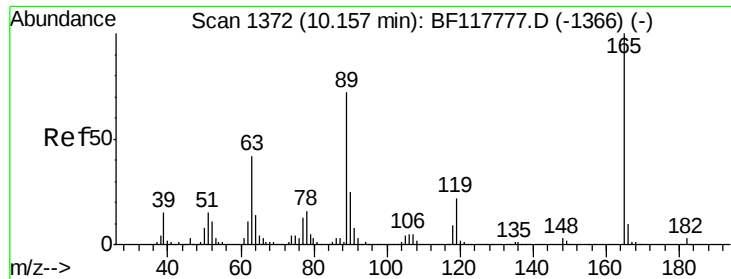
#56
4-Nitrophenol
Concen: 36.382 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:139 Resp: 142050
Ion Ratio Lower Upper
139 100
109 75.2 50.8 90.8
65 88.7 73.6 113.6



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

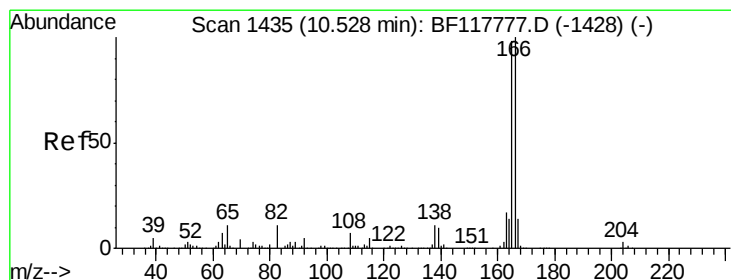
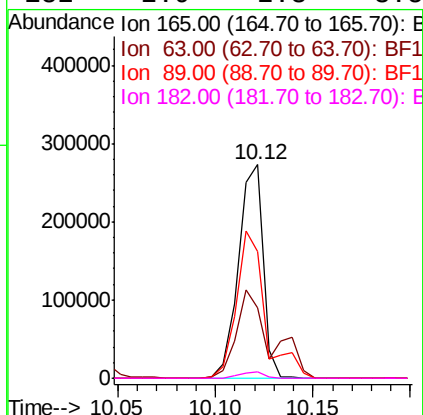
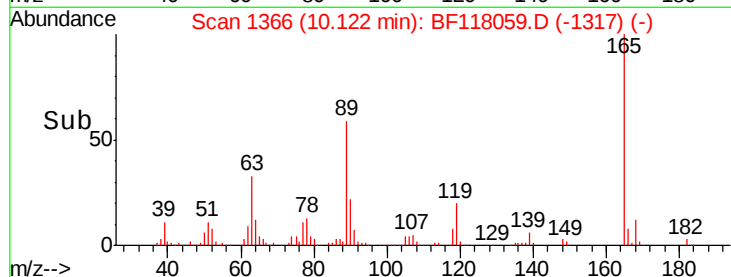
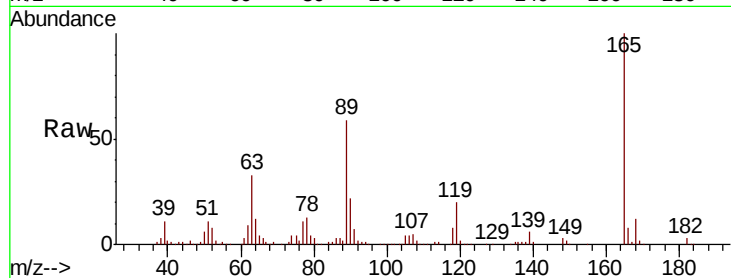




#57
2,4-Dinitrotoluene
Concen: 42.978 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

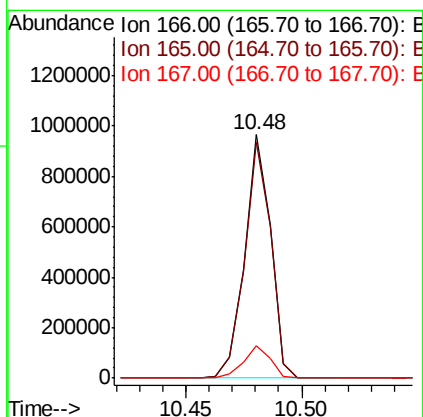
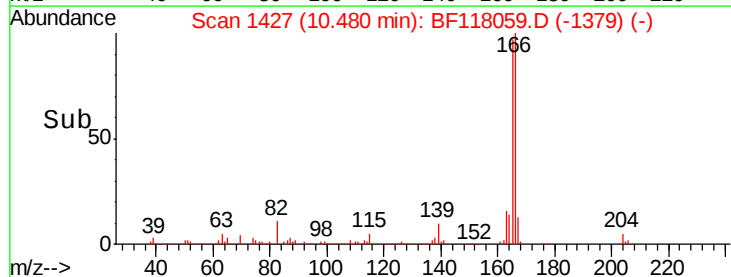
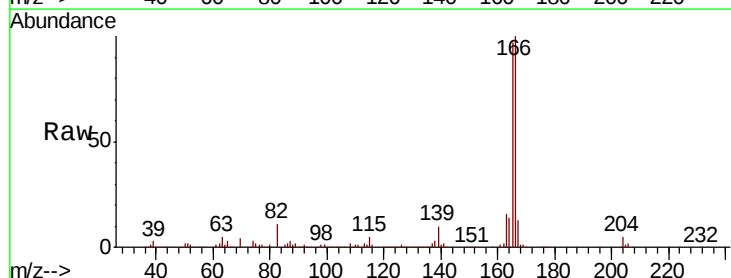
Instrument :
BNA_F
ClientSampleId :

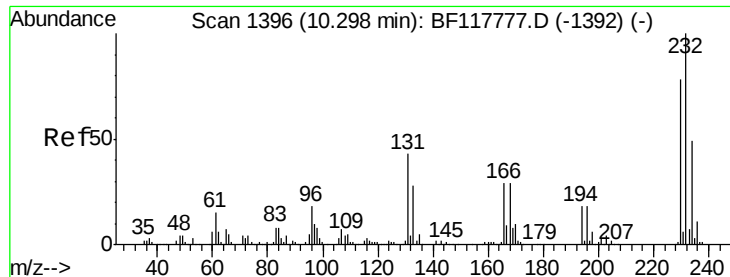
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.1	33.7	50.5#
89	59.0	57.3	85.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 43.622 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	13.4	11.0	16.4

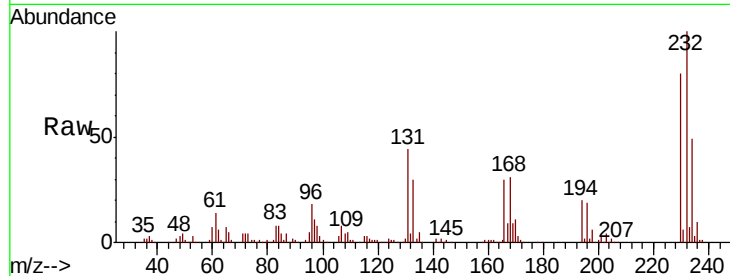




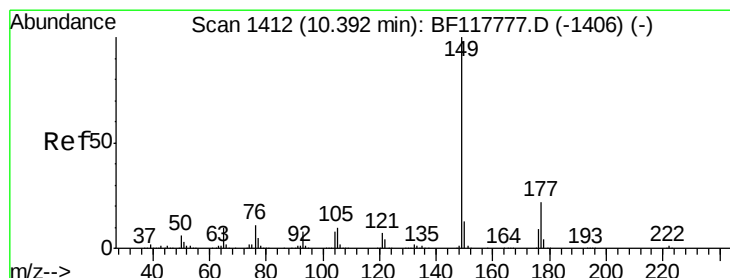
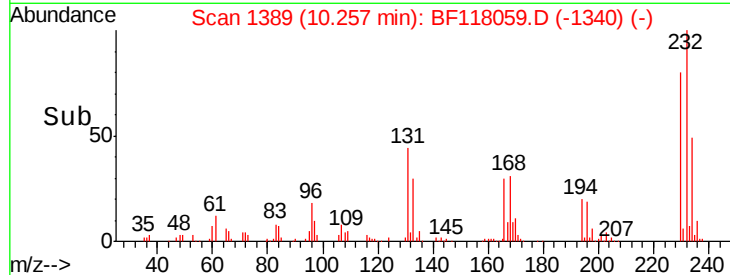
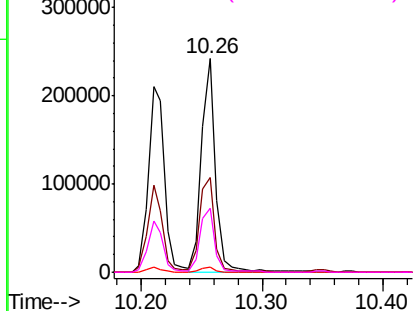
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.921 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 196999
Ion Ratio Lower Upper
232 100
131 48.5 37.6 56.4
130 2.4 1.9 2.9
166 32.4 24.2 36.4

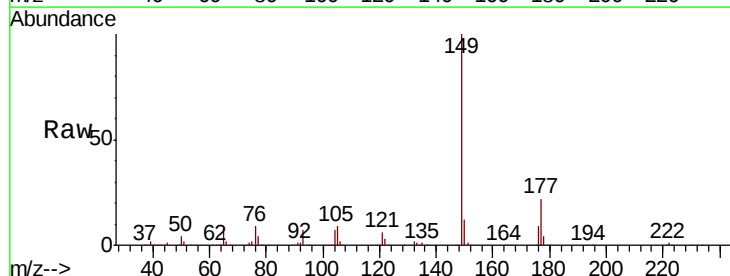


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

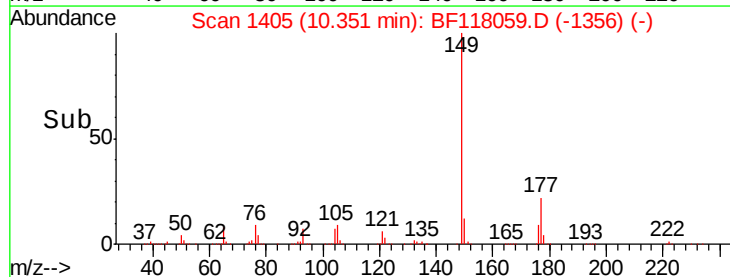
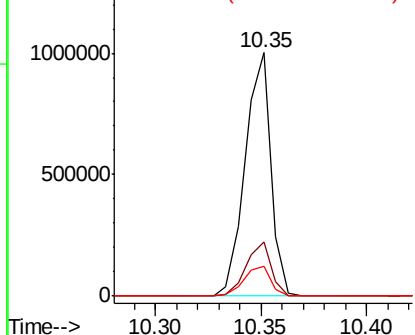


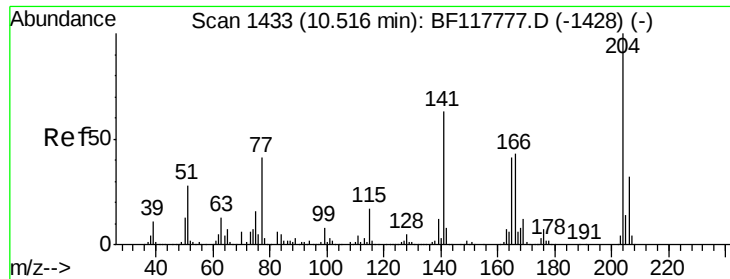
#60
Diethylphthalate
Concen: 43.308 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:149 Resp: 844515
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.3 10.5 15.7



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

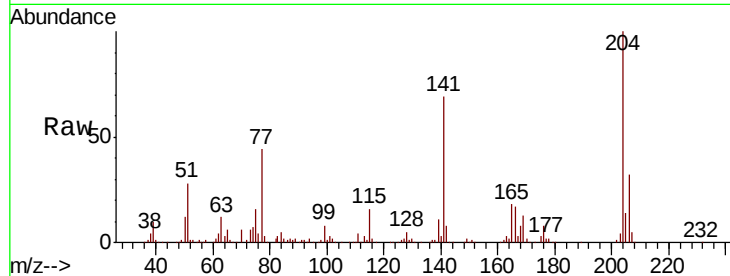




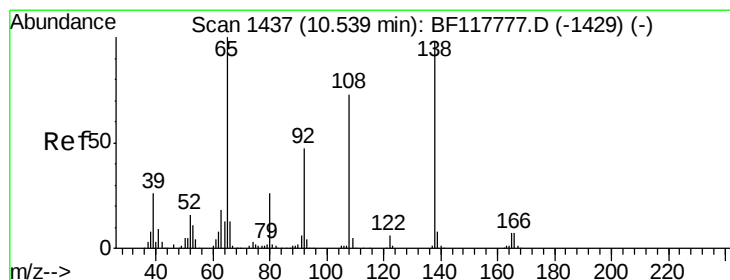
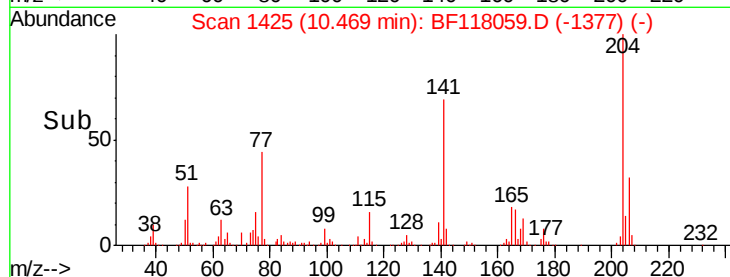
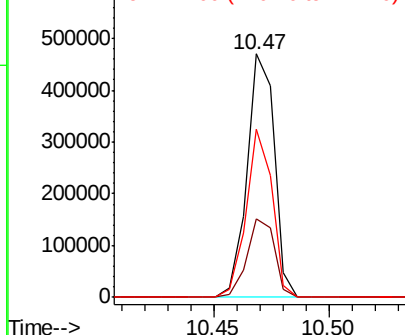
#61
4-Chlorophenyl-phenylether
Concen: 44.107 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 390527
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 68.9 50.7 76.1

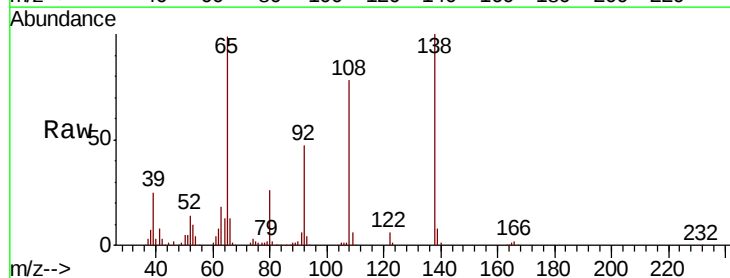


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

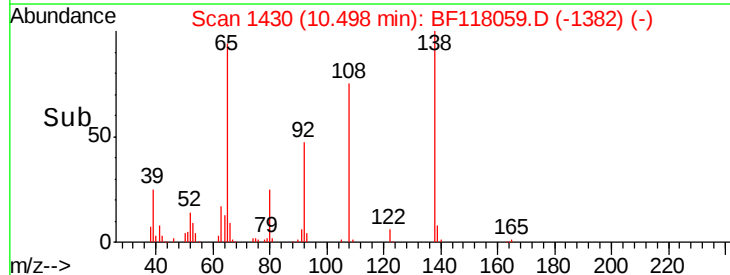
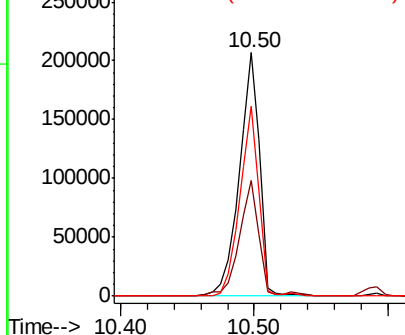


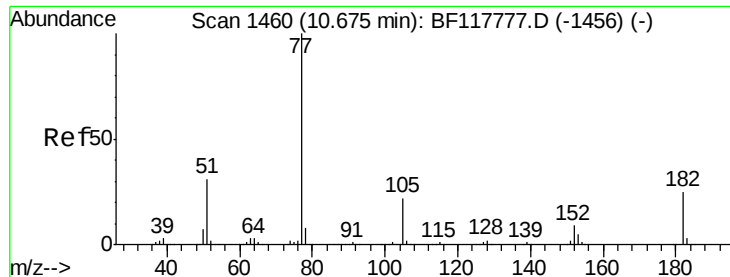
#62
4-Nitroaniline
Concen: 41.598 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:138 Resp: 217863
Ion Ratio Lower Upper
138 100
92 47.5 28.3 68.3
108 77.9 54.3 94.3



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: 40.639 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 720957

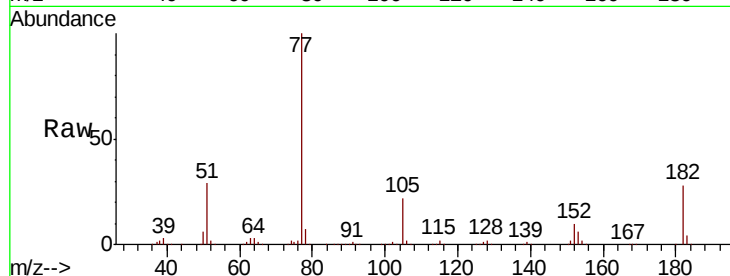
Ion Ratio Lower Upper

77 100

182 28.2 4.8 44.8

105 22.1 2.1 42.1

51 28.7 11.4 51.4

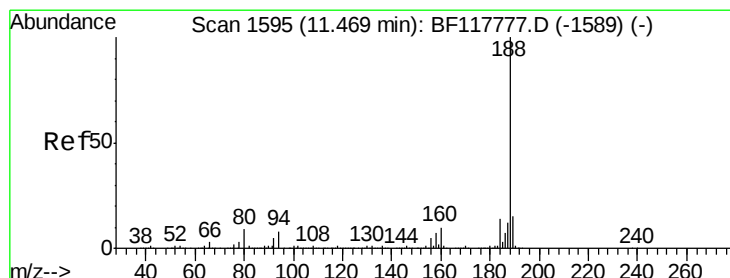
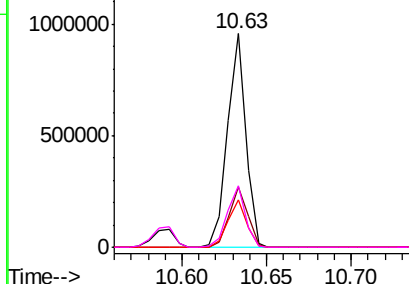
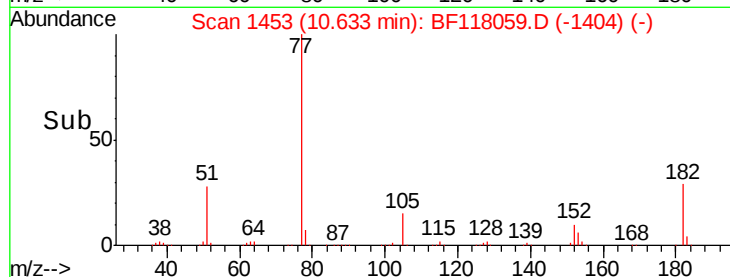


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

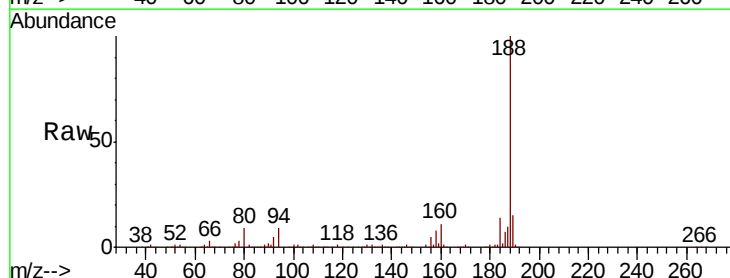
Tgt Ion: 188 Resp: 517732

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

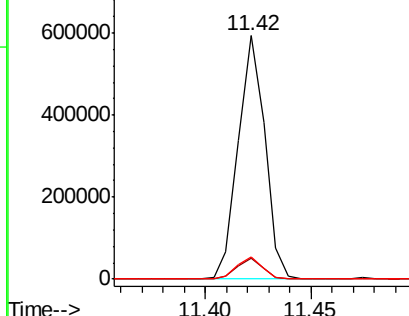
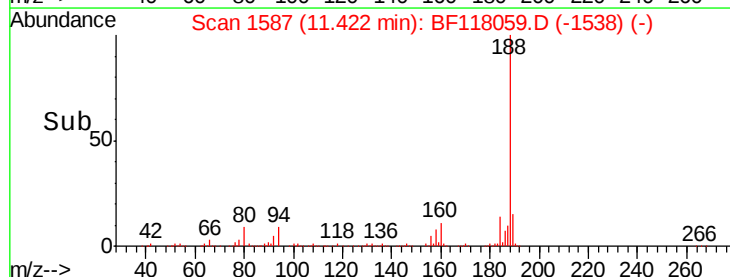
80 9.0 7.2 10.8

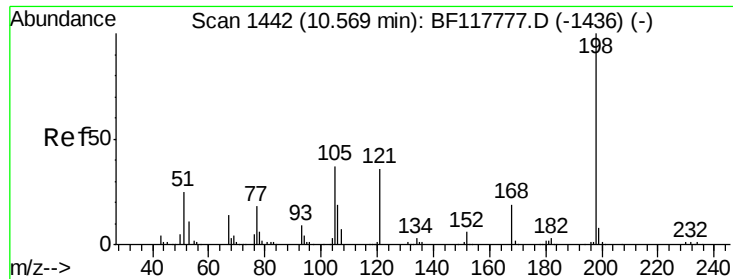


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

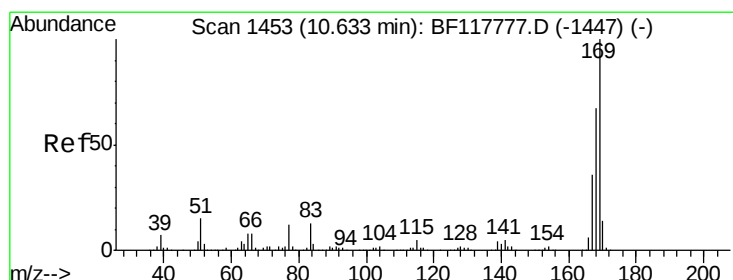
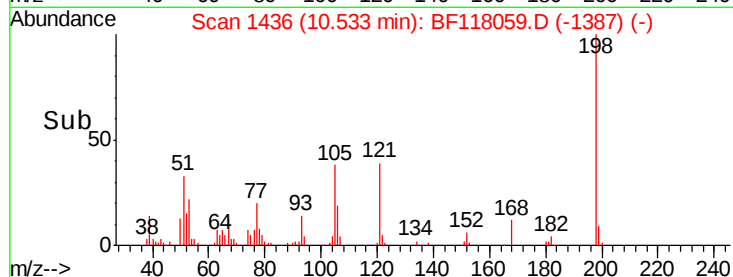
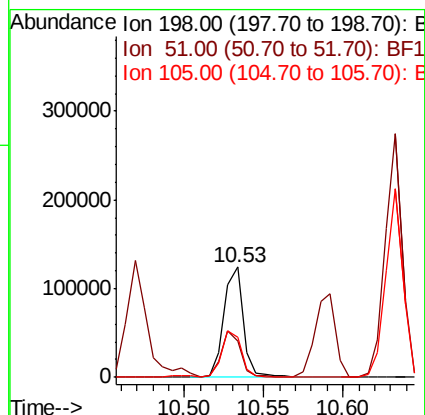
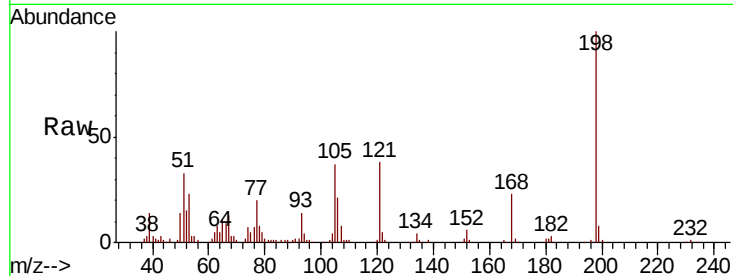




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.883 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

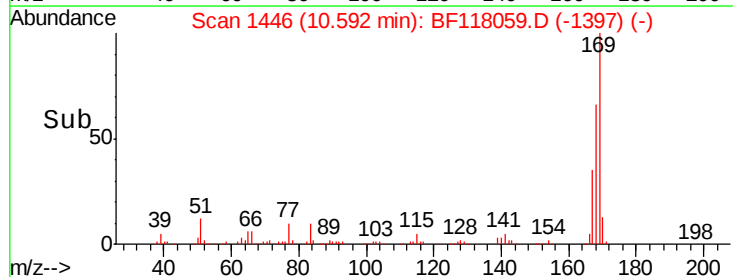
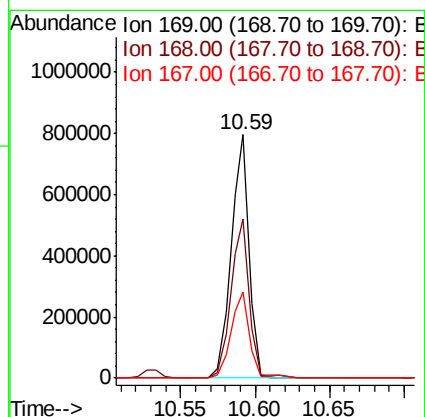
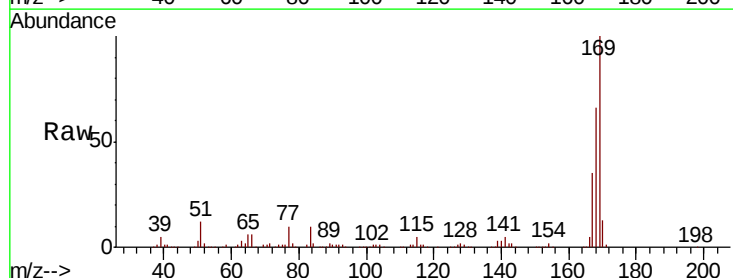
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 106063
 Ion Ratio Lower Upper
 198 100
 51 32.6 16.0 56.0
 105 37.0 19.1 59.1



#66
 n-Nitrosodiphenylamine
 Concen: 44.638 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion:169 Resp: 672579
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.5 80.3
 167 35.5 29.0 43.4

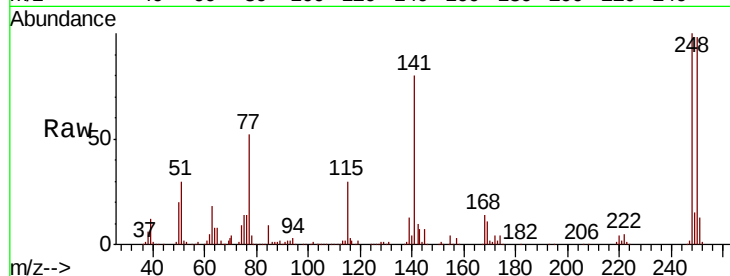




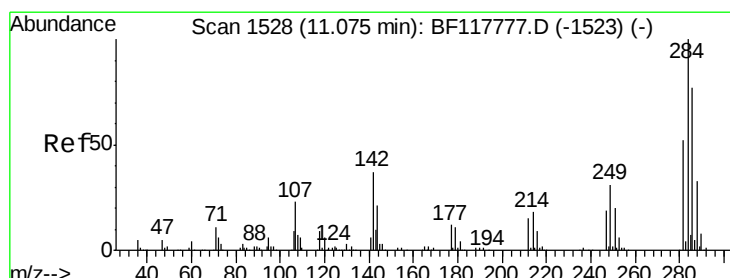
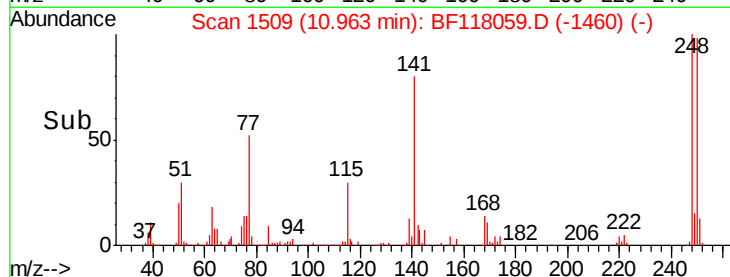
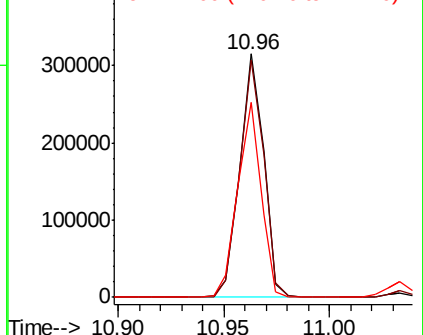
#67
4-Bromophenyl-phenylether
Concen: 43.986 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 245719
Ion Ratio Lower Upper
248 100
250 97.5 76.6 115.0
141 80.0 55.9 83.9

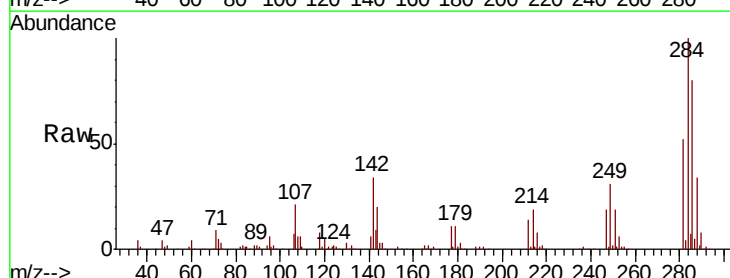


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

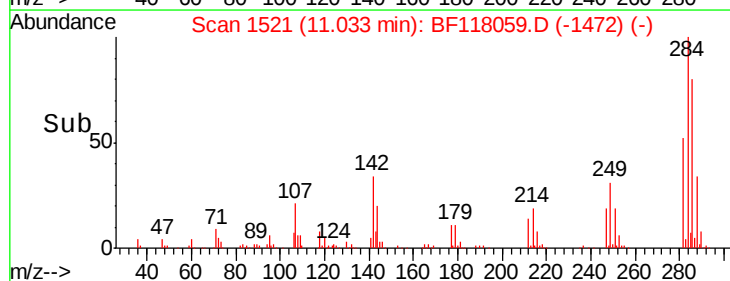
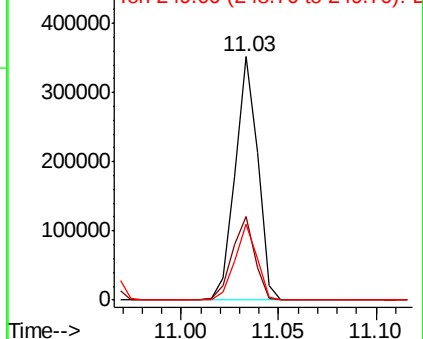


#68
Hexachlorobenzene
Concen: 43.538 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:284 Resp: 283598
Ion Ratio Lower Upper
284 100
142 34.1 29.4 44.2
249 31.0 24.6 37.0



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

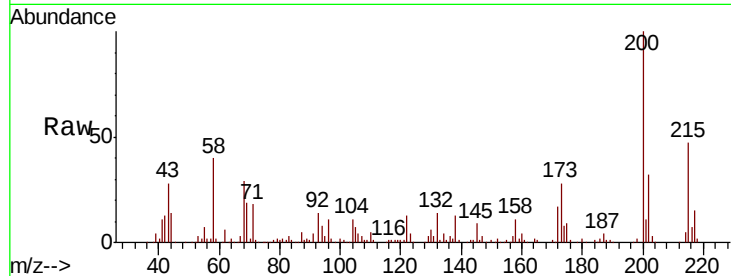




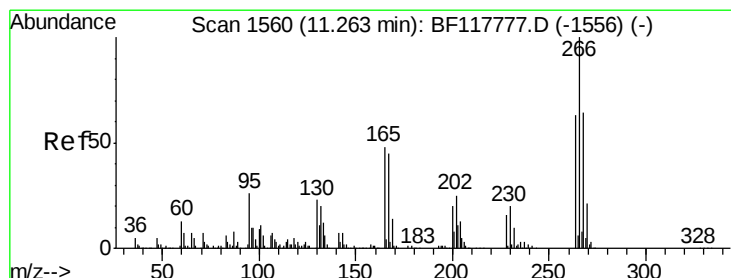
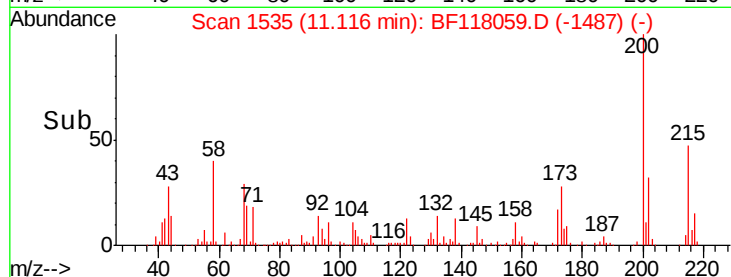
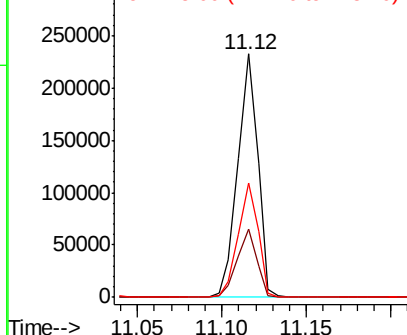
#69
 Atrazine
 Concen: 38.885 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.02 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 192731
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.7 46.7
 215 47.0 27.5 67.5

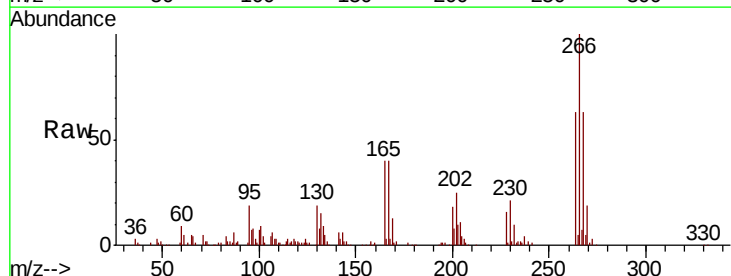


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

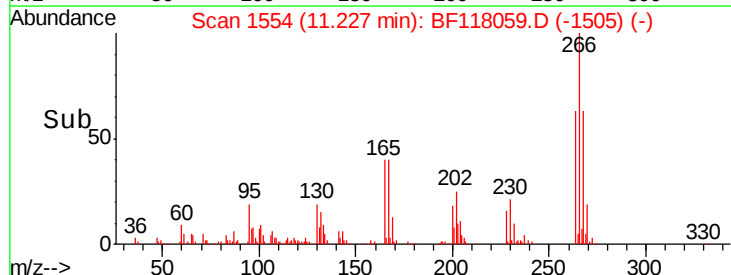
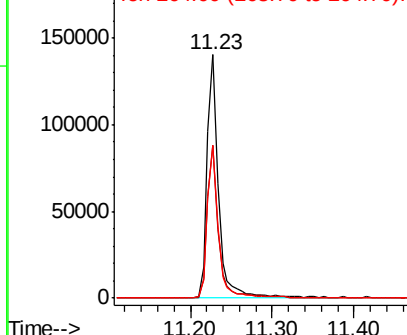


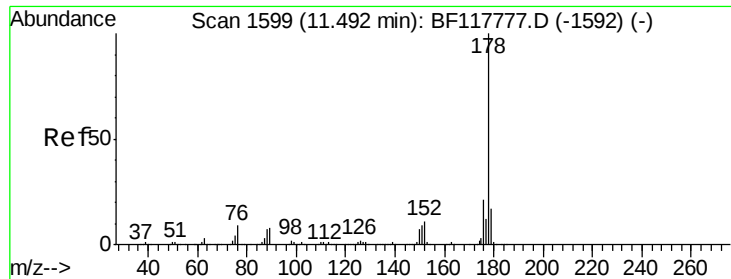
#70
 Pentachlorophenol
 Concen: 36.182 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion:266 Resp: 137696
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.8 76.2
 264 62.9 50.7 76.1



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

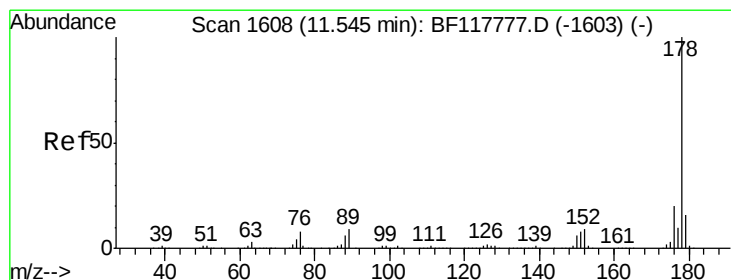
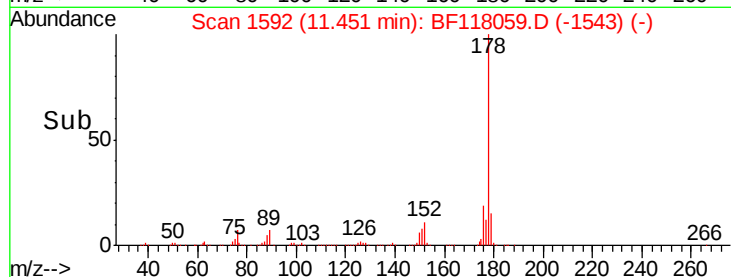
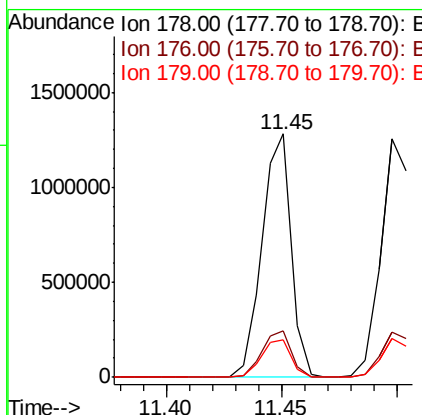
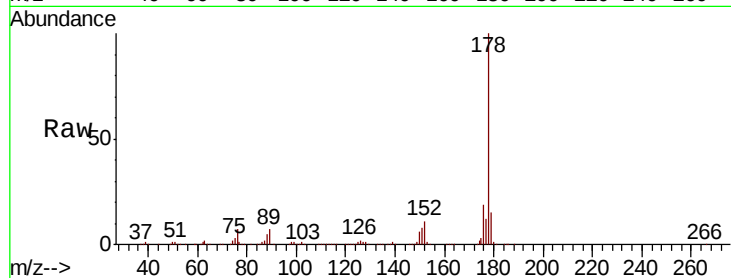




#71
Phenanthrene
Concen: 43.468 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

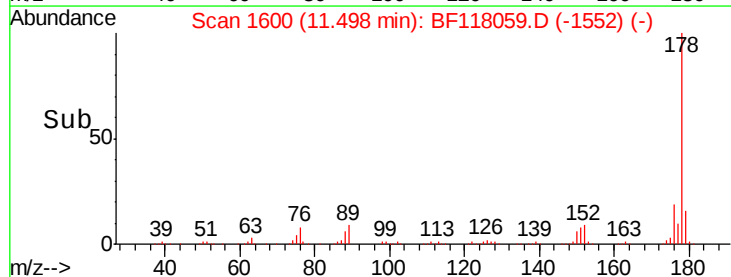
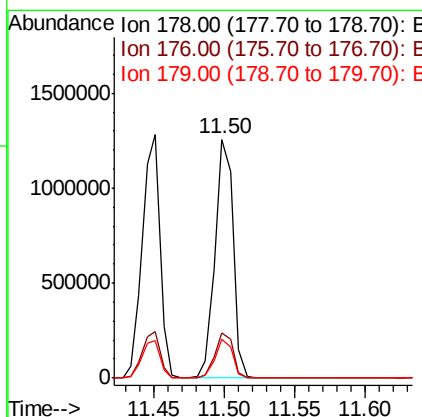
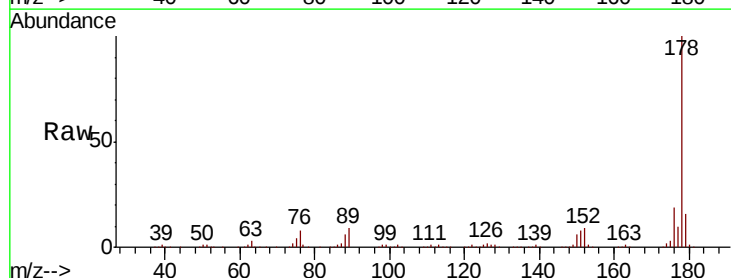
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1131477
Ion Ratio Lower Upper
178 100
176 19.2 16.6 25.0
179 15.4 13.2 19.8



#72
Anthracene
Concen: 43.547 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:178 Resp: 1123860
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 16.0 13.0 19.4





#73

Carbazole

Concen: 43.407 ng

RT: 11.65 min Scan# 1626

Delta R.T. -0.02 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampled :

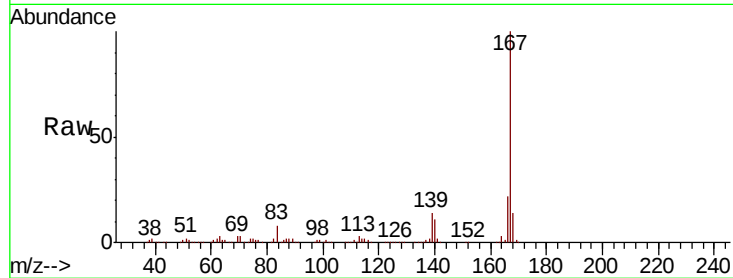
Tot Ion:167 Resp: 978932

Ion Ratio Lower Upper

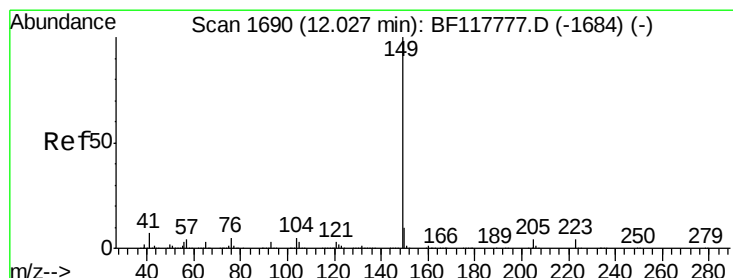
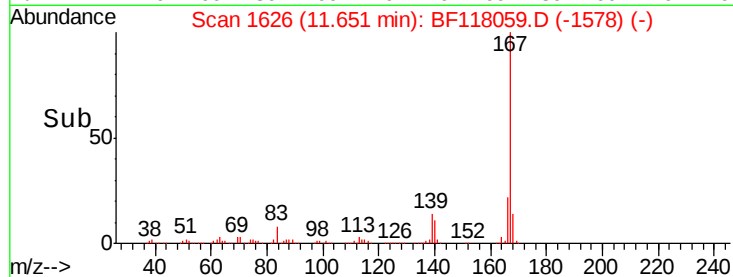
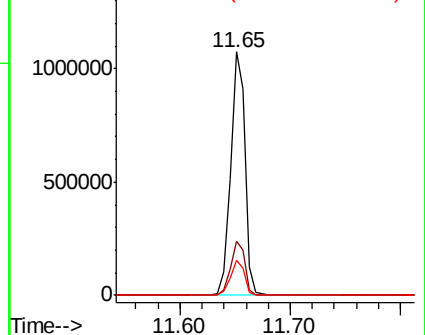
167 100

166 22.0 18.0 27.0

139 14.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.274 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

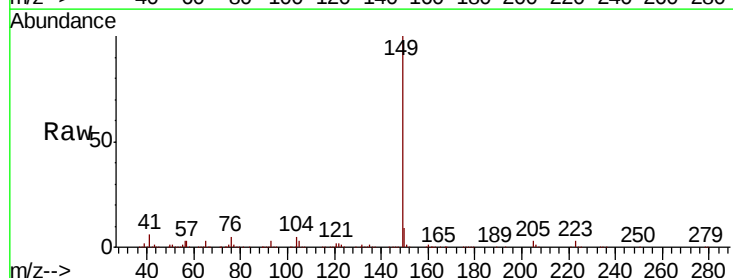
Tgt Ion:149 Resp: 1271287

Ion Ratio Lower Upper

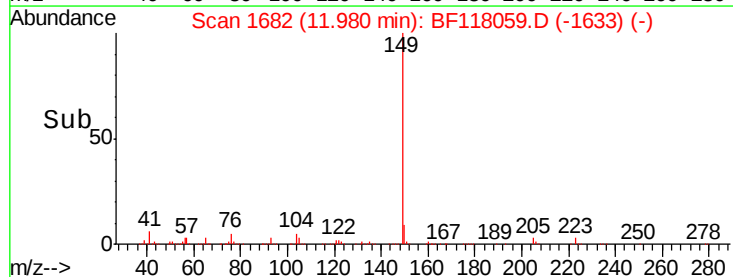
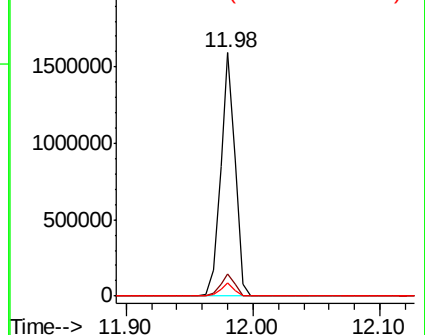
149 100

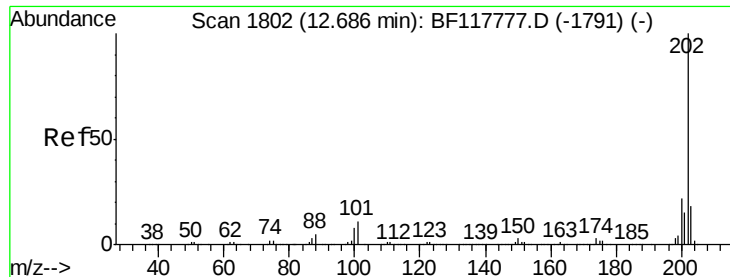
150 9.4 7.9 11.9

104 5.3 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

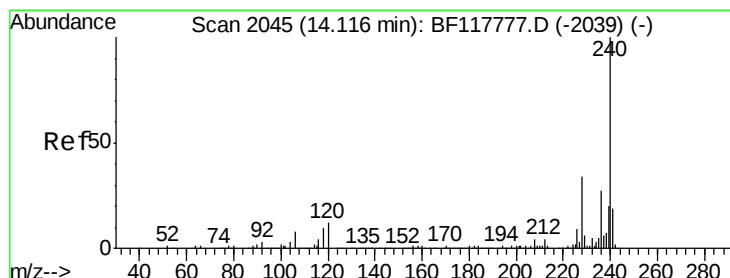
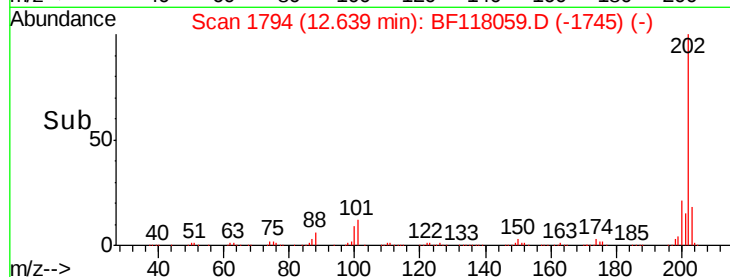
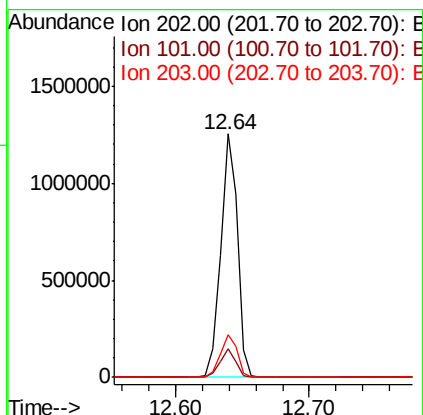
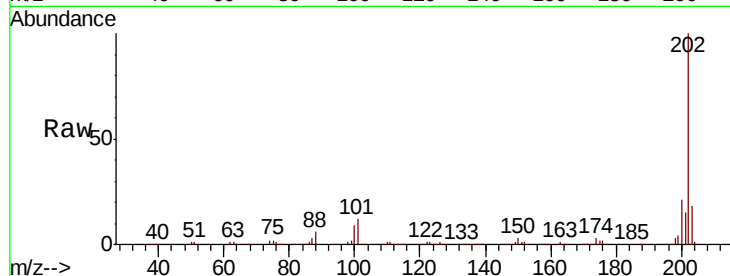




#75
 Fluoranthene
 Concen: 47.103 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

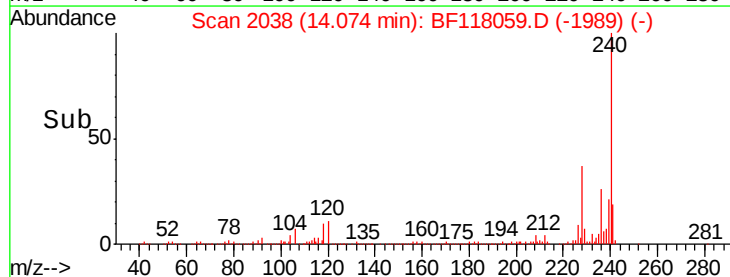
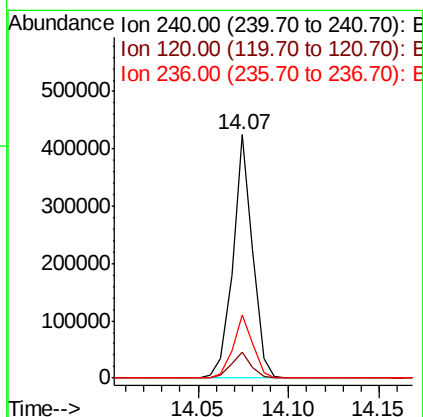
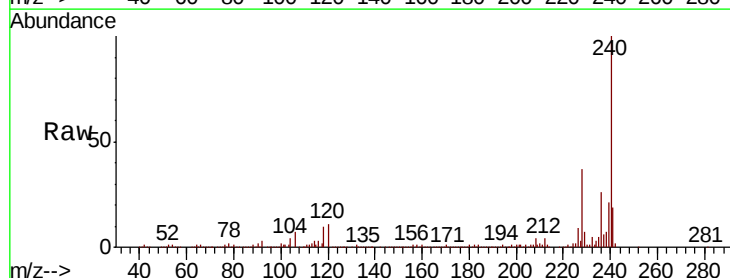
Instrument :
 BNA_F
 ClientSampleId :

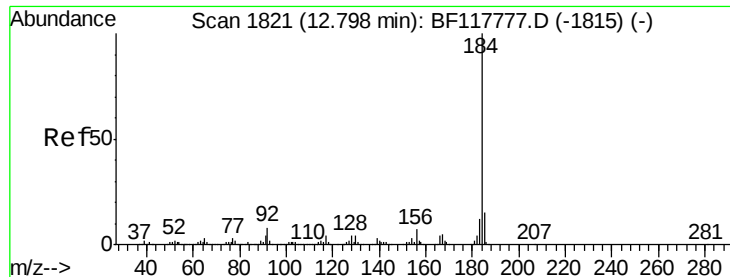
Tot Ion:202 Resp: 1108179
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.1
 203 17.6 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF118059.D
 Acq: 3 Dec 2019 13:14

Tgt Ion:240 Resp: 321017
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 25.8 21.3 31.9

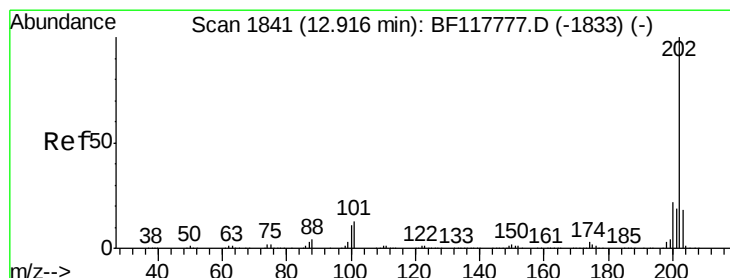
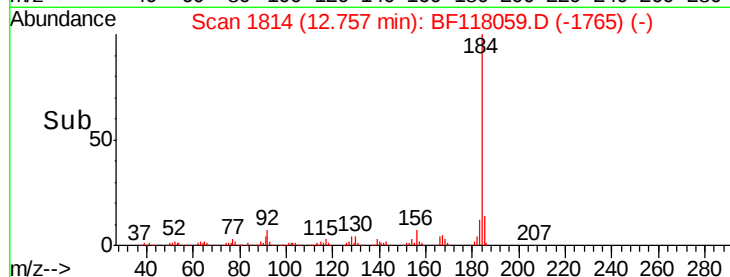
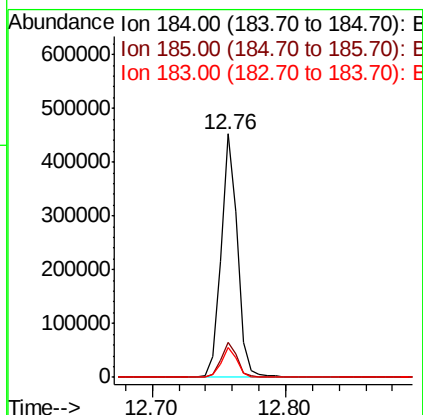
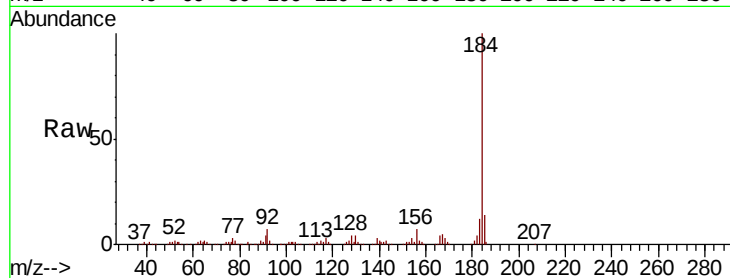




#77
Benzidine
Concen: 37.367 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

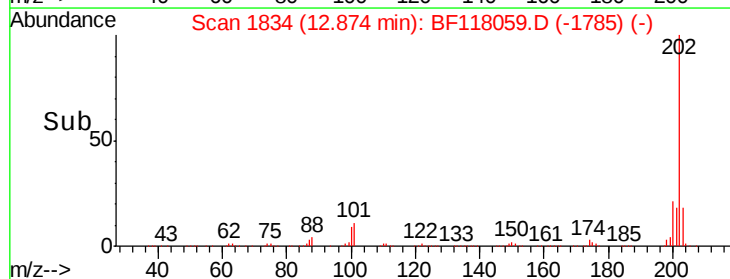
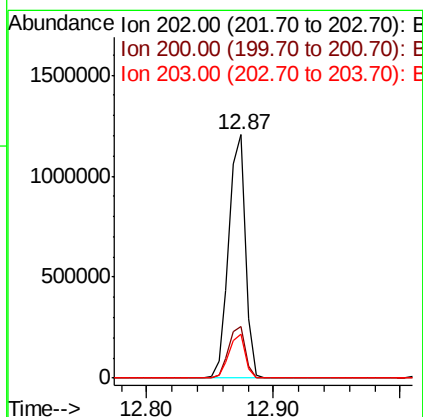
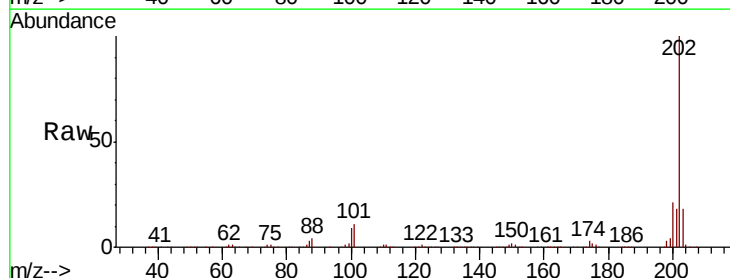
Instrument :
BNA_F
ClientSampleId :

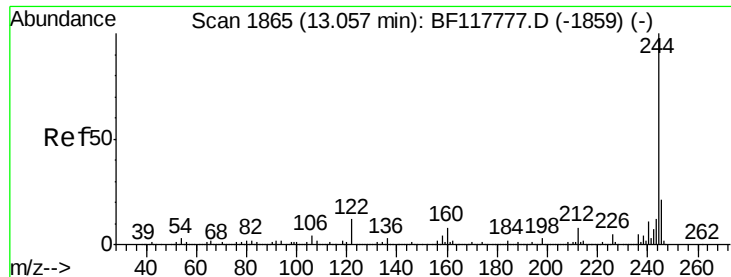
Tot Ion:184 Resp: 392919
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 12.1 9.5 14.3



#78
Pyrene
Concen: 42.406 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:202 Resp: 1100147
Ion Ratio Lower Upper
202 100
200 21.3 17.8 26.8
203 17.8 14.6 22.0





#79

Terphenyl-d14

Concen: 94.225 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

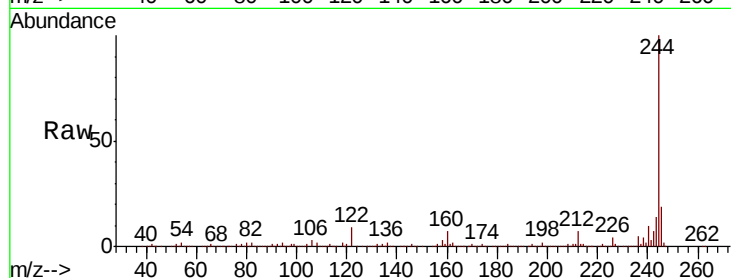
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1655054

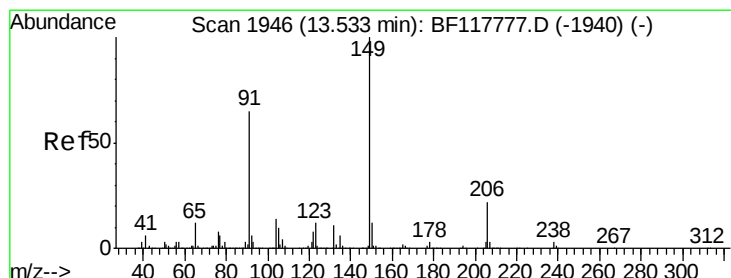
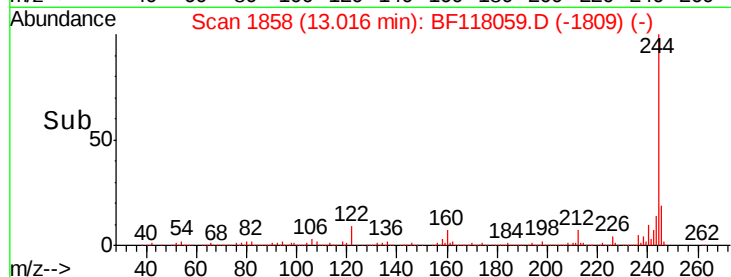
Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.3	9.5
122	9.0	9.4	14.2



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: 44.169 ng

RT: 13.49 min Scan# 1938

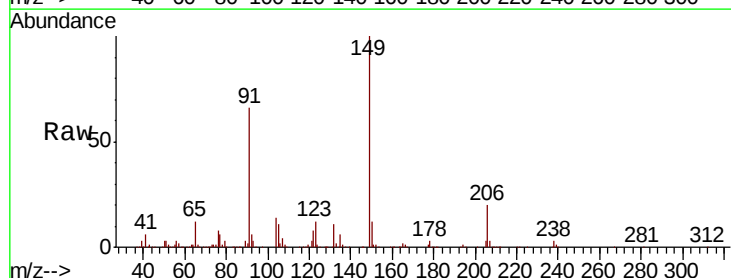
Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Tgt Ion:149 Resp: 492154

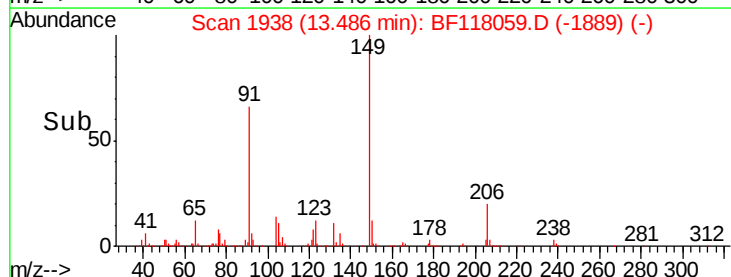
Ion	Ratio	Lower	Upper
149	100		
91	66.4	51.9	77.9
206	19.7	17.2	25.8

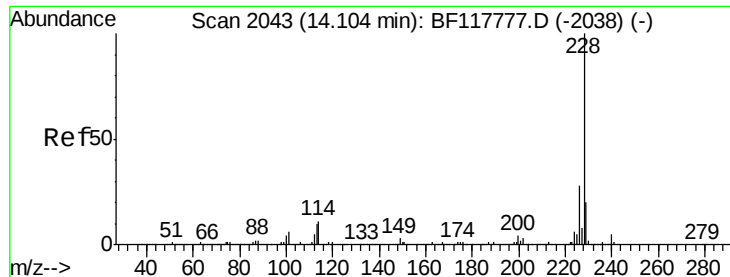


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.524 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

Instrument :

BNA_F

ClientSampleId :

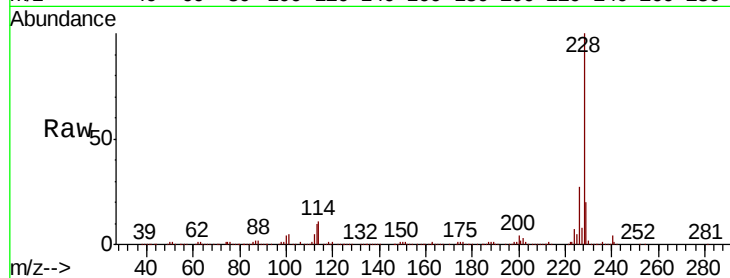
Tot Ion:228 Resp: 902082

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

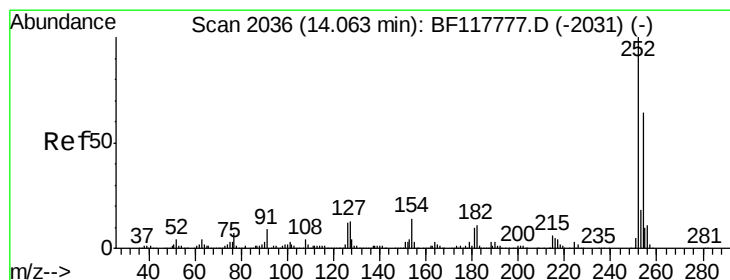
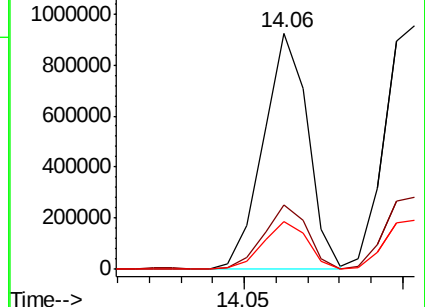
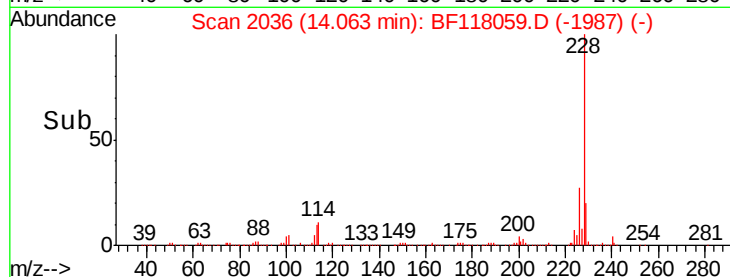
229 20.2 15.9 23.9



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: 41.744 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118059.D

Acq: 3 Dec 2019 13:14

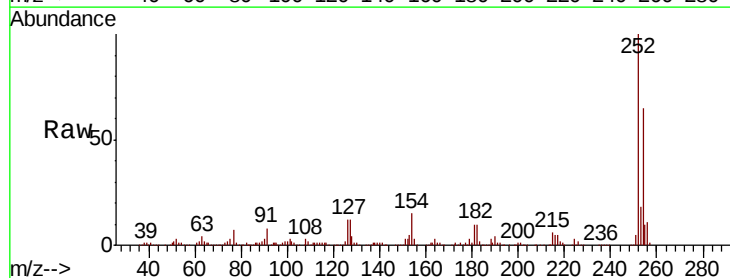
Tgt Ion:252 Resp: 309748

Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

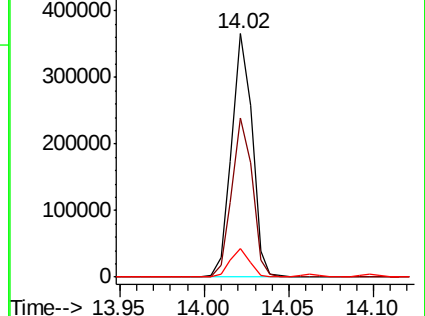
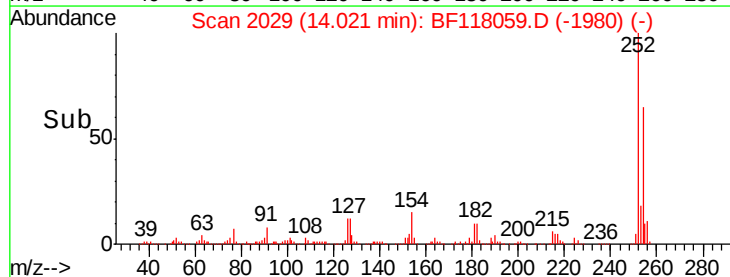
126 11.6 9.7 14.5

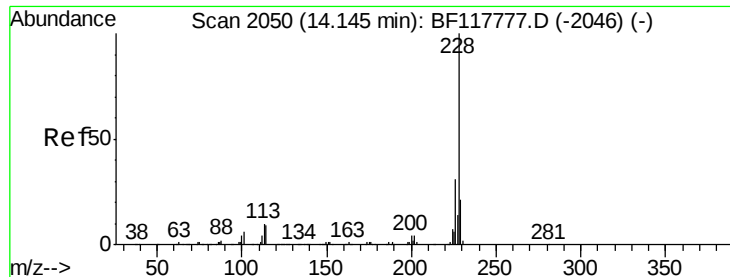


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

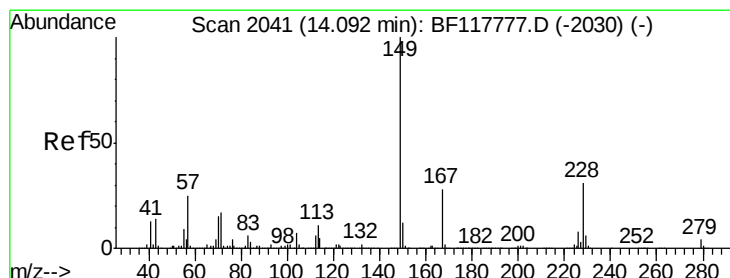
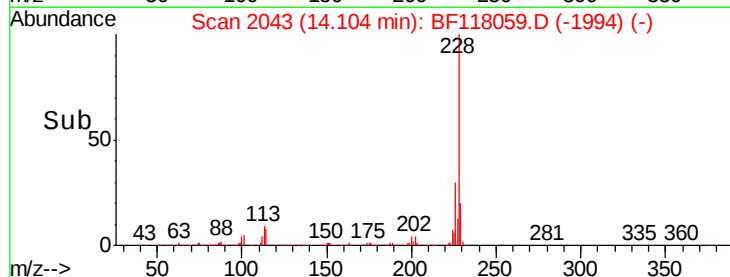
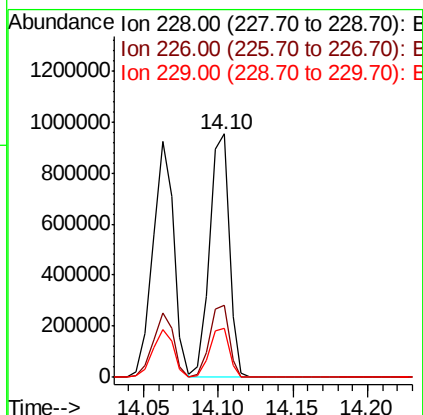
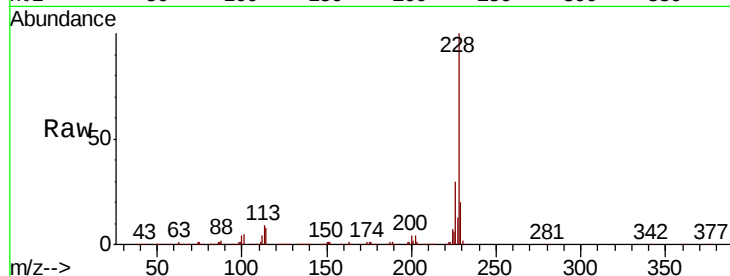




#83
Chrysene
Concen: 42.402 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

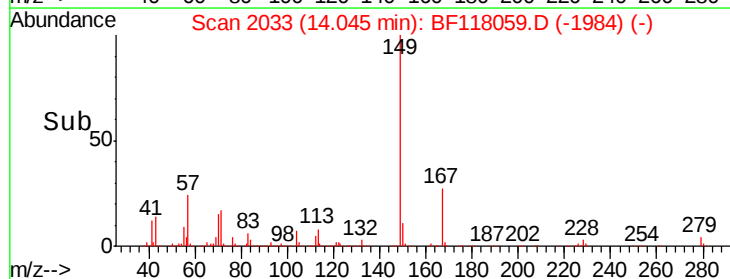
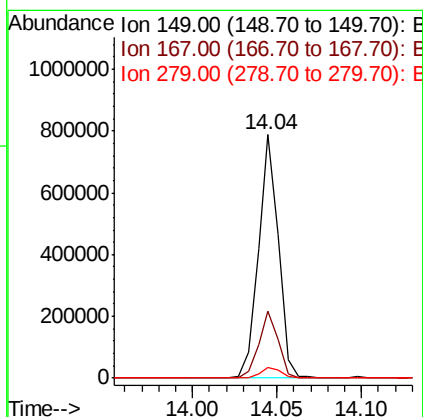
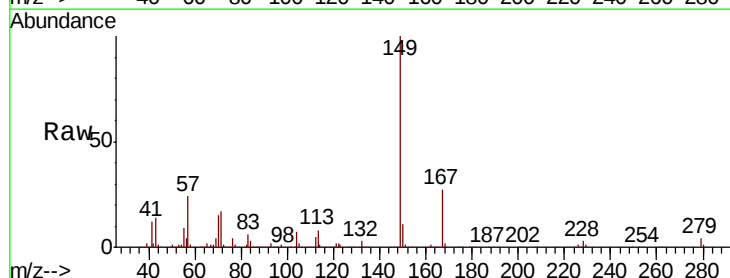
Instrument :
BNA_F
ClientSampleId :

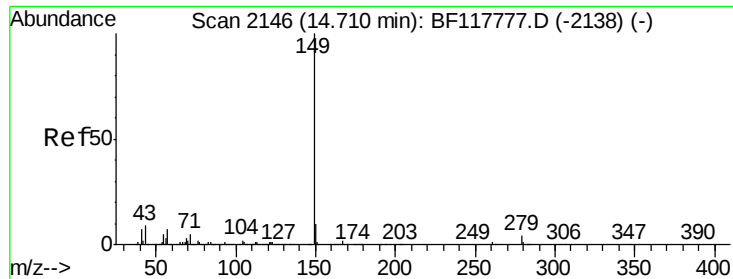
Tot Ion:228 Resp: 871598
Ion Ratio Lower Upper
228 100
226 29.5 25.0 37.4
229 20.2 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.004 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:149 Resp: 648470
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.2
279 4.2 3.4 5.2

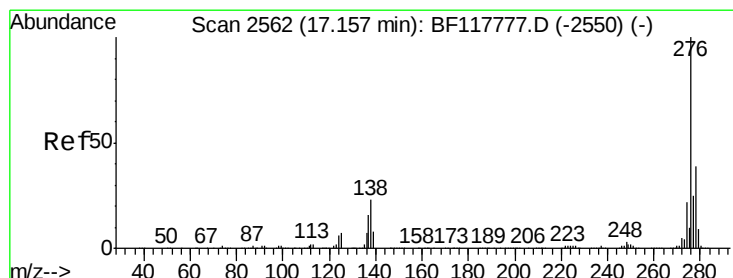
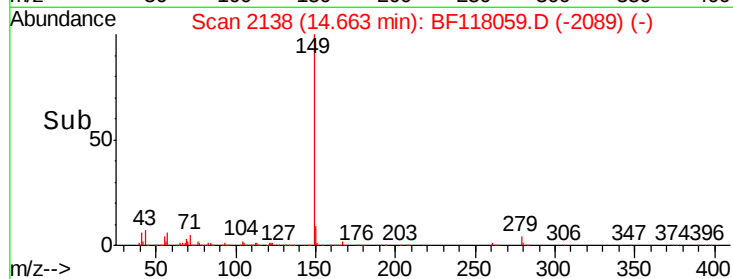
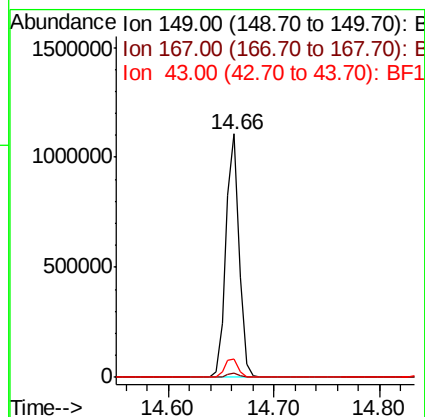
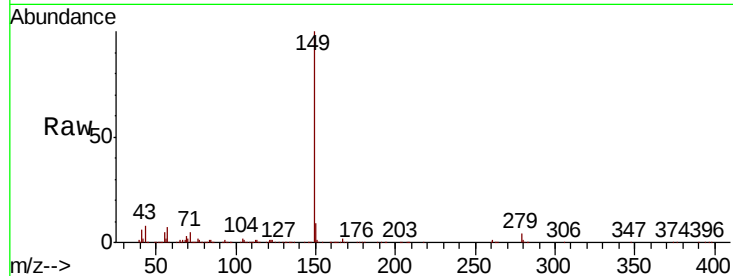




#85
Di-n-octyl phthalate
Concen: 48.762 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

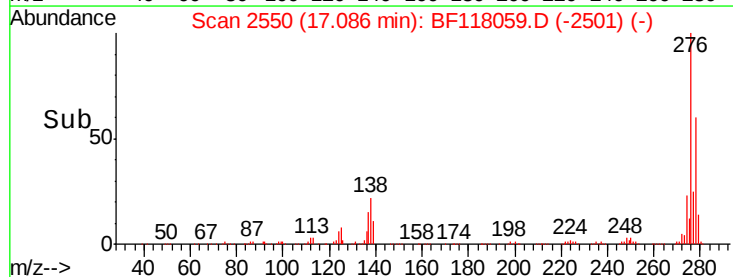
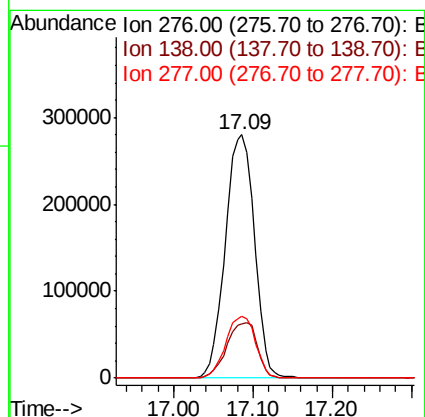
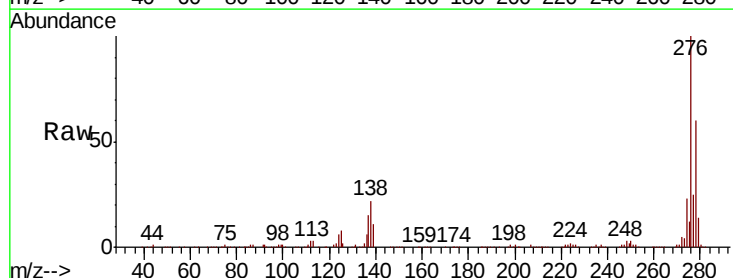
Instrument :
BNA_F
ClientSampled :

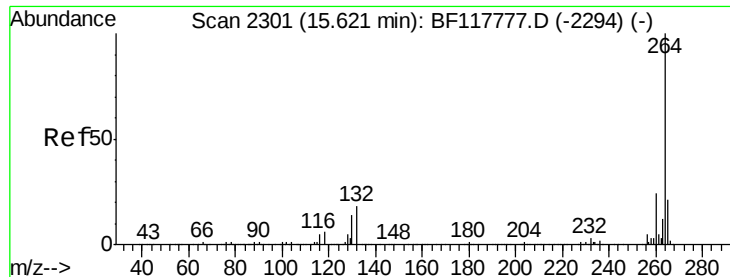
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	8.0	7.4	11.2	



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.813 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	23.8	20.9	31.3	
277	25.9	20.3	30.5	

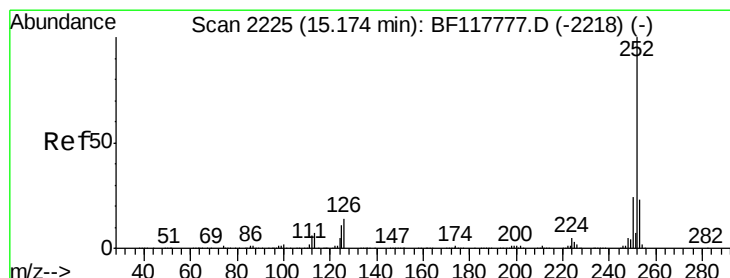
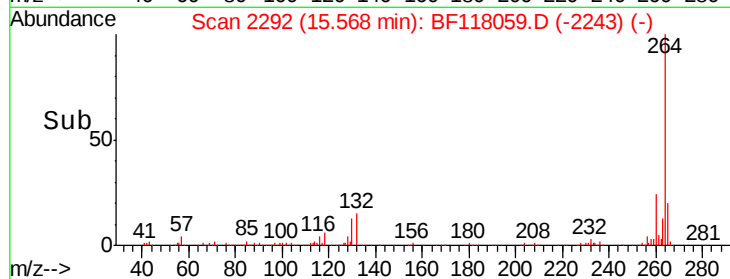
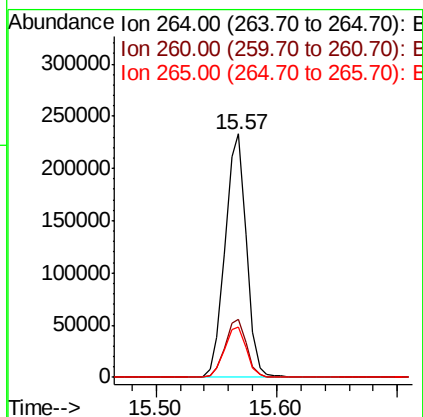
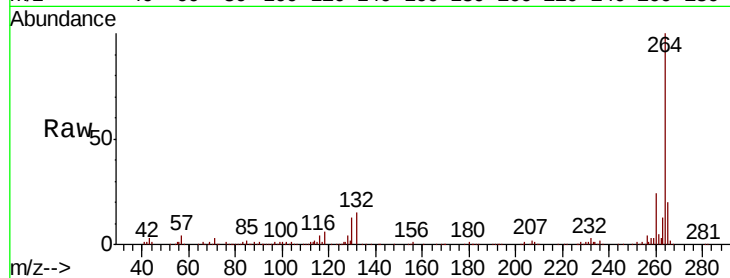




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

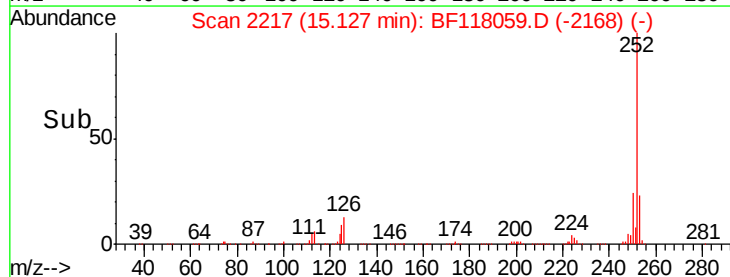
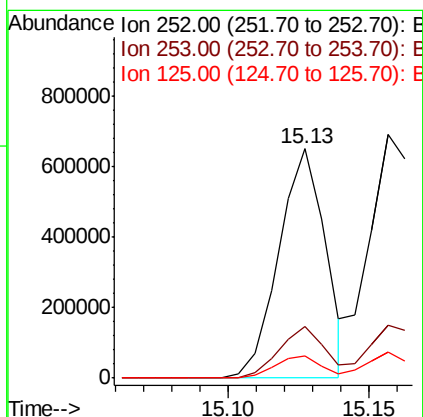
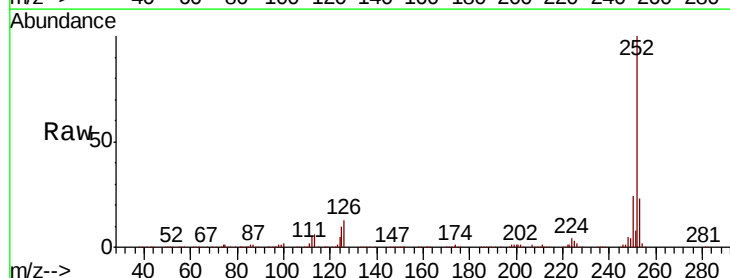
Instrument :
BNA_F
ClientSampleId :

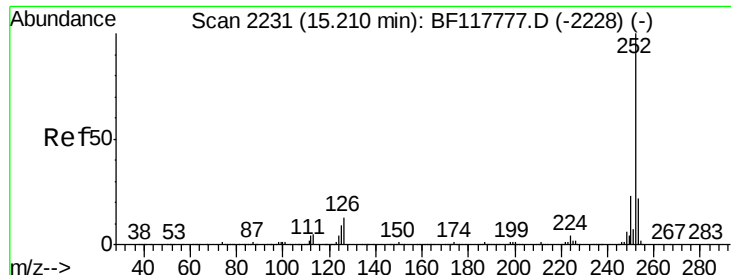
Tot Ion:264 Resp: 284469
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 20.5 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 40.383 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:252 Resp: 746355
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 9.6 8.6 13.0

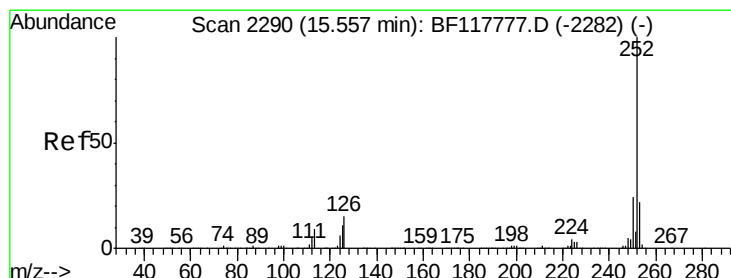
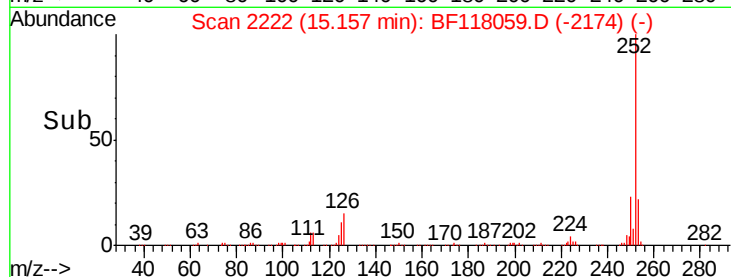
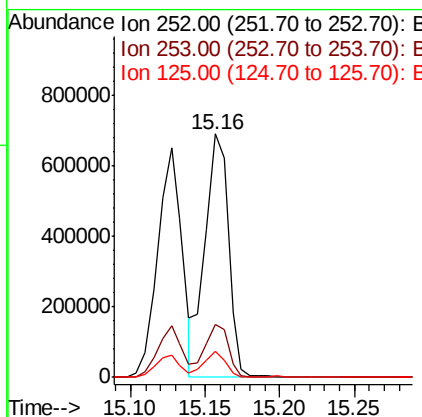
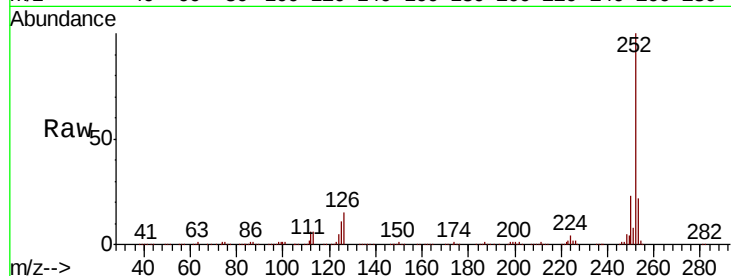




#89
Benzo(k)fluoranthene
Concen: 43.194 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

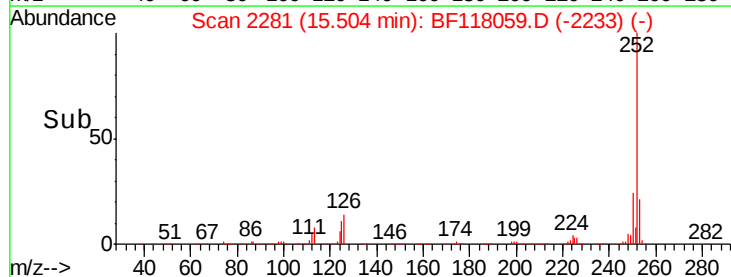
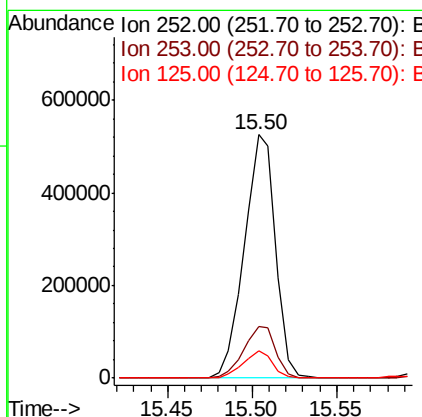
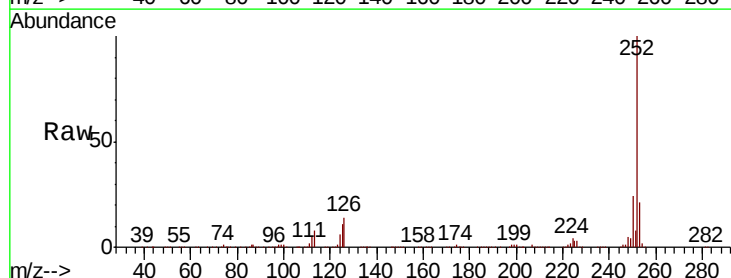
Instrument :
BNA_F
ClientSampleId :

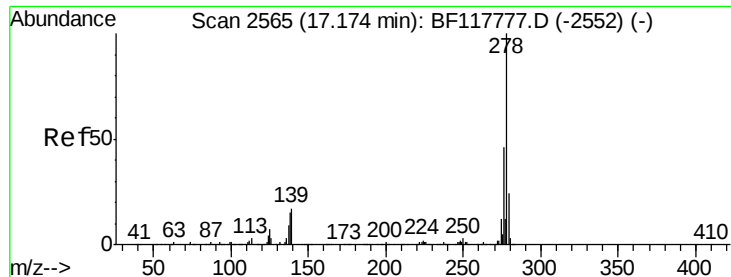
Tot Ion:252 Resp: 752186
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 41.606 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion:252 Resp: 676174
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 11.1 9.2 13.8

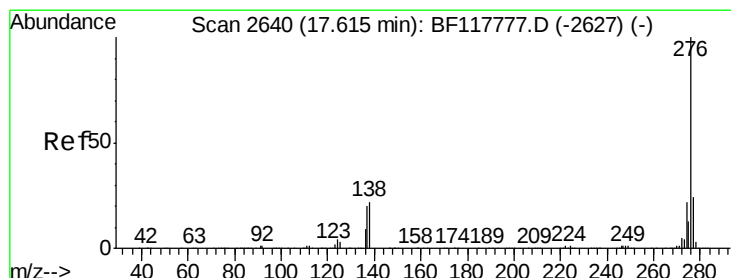
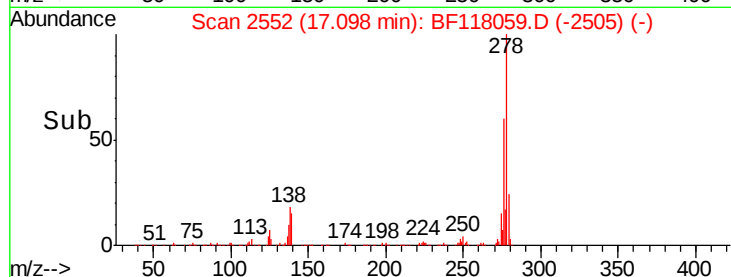
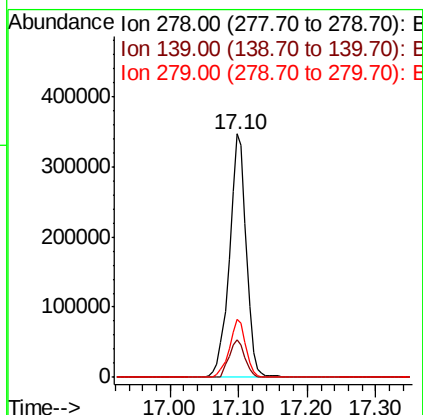
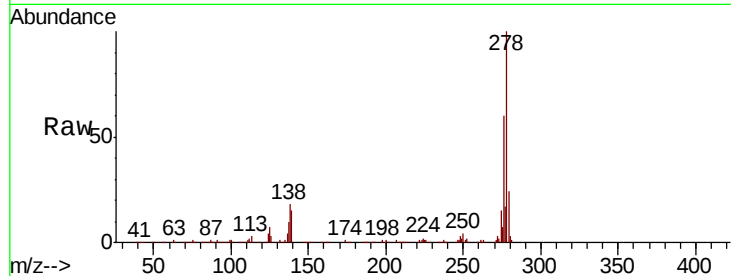




#91
Dibenzo(a,h)anthracene
Concen: 42.310 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.8	20.8
279	23.8	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 40.817 ng
RT: 17.54 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BF118059.D
Acq: 3 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	20.8	17.4	26.2

