

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118104.D
 Acq On : 4 Dec 2019 23:34
 Operator : JU
 Sample : K5675-11MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:42:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176513	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	626492	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	313067	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	761661	20.00	ng	0.00
76) Chrysene-d12	14.07	240	530686	20.00	ng	0.00
87) Perylene-d12	15.57	264	483531	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1067974	107.10	ng	0.02
7) Phenol-d6	6.52	99	1307718	108.73	ng	0.00
23) Nitrobenzene-d5	7.45	82	781147	74.12	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	433874	130.91	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1617827	92.71	ng	0.00
79) Terphenyl-d14	13.01	244	1859225	64.03	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	127717	27.400	ng	# 84
3) Pyridine	3.52	79	240361	19.658	ng	98
4) n-Nitrosodimethylamine	3.45	42	156851	29.387	ng	93
6) Aniline	6.54	93	308969	19.439	ng	98
8) 2-Chlorophenol	6.67	128	370786	34.267	ng	94
9) Benzaldehyde	6.43	77	86419	7.235	ng	97
10) Phenol	6.53	94	482177	38.579	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	349212	34.793	ng	97
12) 1,3-Dichlorobenzene	6.82	146	406328	31.897	ng	97
13) 1,4-Dichlorobenzene	6.90	146	420765	32.677	ng	96
14) 1,2-Dichlorobenzene	7.05	146	394827	32.061	ng	98
15) Benzyl Alcohol	7.02	79	349018	37.586	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	402609	26.054	ng	98
17) 2-Methylphenol	7.13	107	322858	35.234	ng	99
18) Hexachloroethane	7.39	117	146258	30.920	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	251436	33.886	ng	95
20) 3+4-Methylphenols	7.29	107	409273	35.981	ng	91
22) Acetophenone	7.29	105	546442	38.823	ng	# 93
24) Nitrobenzene	7.46	77	383457	35.269	ng	93
25) Isophorone	7.70	82	732906	37.943	ng	98
26) 2-Nitrophenol	7.78	139	227325	42.958	ng	95
27) 2,4-Dimethylphenol	7.82	122	359964	43.776	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	389686	31.792	ng	99
29) 2,4-Dichlorophenol	8.02	162	308592	34.598	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	329107	31.810	ng	98
31) Naphthalene	8.19	128	1131143	38.729	ng	99
32) Benzoic acid	7.94	122	198052	28.765	ng	99
33) 4-Chloroaniline	8.23	127	264298	20.214	ng	98
34) Hexachlorobutadiene	8.30	225	206671	34.166	ng	97
35) Caprolactam	8.60	113	67555	23.831	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	382621	42.269	ng	94
37) 2-Methylnaphthalene	8.88	142	833628	42.244	ng	98
38) 1-Methylnaphthalene	8.98	142	775547	41.570	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	373405	41.071	ng	100

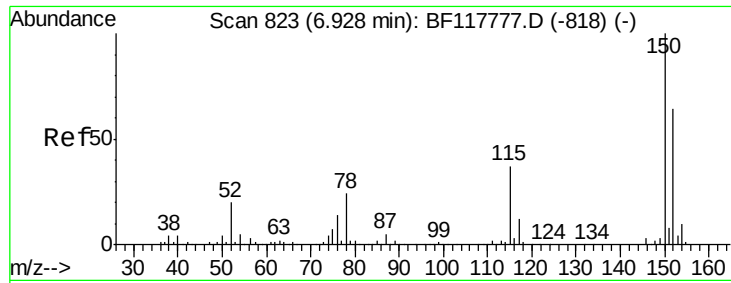
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118104.D
 Acq On : 4 Dec 2019 23:34
 Operator : JU
 Sample : K5675-11MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:42:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	345197	67.752	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	252299	38.743	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	287823	42.569	ng	96
46) 1,1'-Biphenyl	9.35	154	1012189	43.579	ng	99
47) 2-Chloronaphthalene	9.37	162	790718	41.383	ng	96
48) 2-Nitroaniline	9.47	65	232653	40.331	ng	98
49) Acenaphthylene	9.79	152	1057588	37.964	ng	99
50) Dimethylphthalate	9.65	163	955046	43.503	ng	99
51) 2,6-Dinitrotoluene	9.71	165	182551	38.047	ng	94
52) Acenaphthene	9.96	154	610603	34.216	ng	98
53) 3-Nitroaniline	9.88	138	159048	27.703	ng	97
54) 2,4-Dinitrophenol	9.99	184	158076	65.554	ng	96
55) Dibenzofuran	10.13	168	936747	37.907	ng	99
56) 4-Nitrophenol	10.05	139	288127	67.234	ng	93
57) 2,4-Dinitrotoluene	10.12	165	244174	40.006	ng	98
58) Fluorene	10.48	166	756171	39.487	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	198949	35.811	ng	99
60) Diethylphthalate	10.35	149	788091	36.821	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	362306	37.281	ng	97
62) 4-Nitroaniline	10.50	138	214151	37.254	ng	98
63) Azobenzene	10.63	77	698793	35.887	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	119581	33.631	ng	97
66) n-Nitrosodiphenylamine	10.59	169	686628	30.976	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	279933	34.062	ng	97
68) Hexachlorobenzene	11.03	284	324245	33.836	ng	94
69) Atrazine	11.12	200	191634	26.281	ng	99
70) Pentachlorophenol	11.23	266	341467	60.991	ng	99
71) Phenanthrene	11.45	178	1406933	36.740	ng	99
72) Anthracene	11.50	178	1295179	34.113	ng	99
73) Carbazole	11.66	167	1291830	38.936	ng	99
74) Di-n-butylphthalate	11.98	149	1511367	36.587	ng	99
75) Fluoranthene	12.64	202	1204939	32.456	ng	99
78) Pyrene	12.87	202	1231858	28.723	ng	100
80) Butylbenzylphthalate	13.49	149	659165	35.785	ng	98
81) Benzo(a)anthracene	14.06	228	1212159	34.565	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	402036	32.774	ng	100
83) Chrysene	14.10	228	1018913	29.984	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	892847	39.981	ng	100
85) Di-n-octyl phthalate	14.66	149	1371383	41.801	ng	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1134616	39.231	ng	98
88) Benzo(b)fluoranthene	15.13	252	909105	28.938	ng	99
89) Benzo(k)fluoranthene	15.16	252	815989	27.567	ng	99
90) Benzo(a)pyrene	15.51	252	986658	35.717	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	943181	39.668	ng	98
92) Benzo(g,h,i)perylene	17.55	276	708662	29.923	ng	99

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

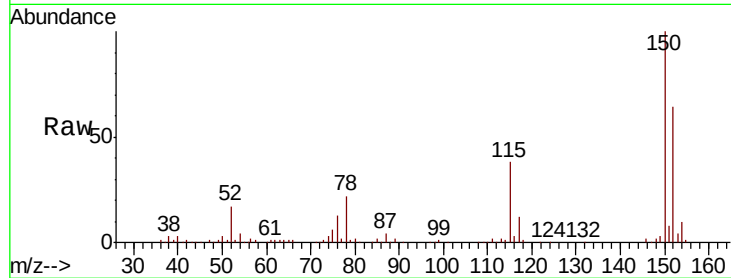


#1

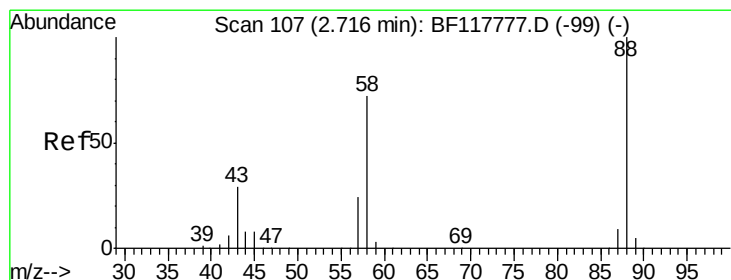
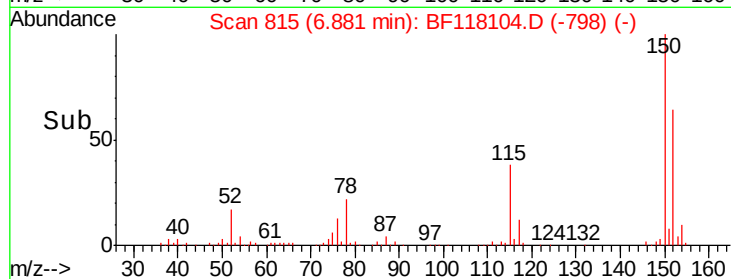
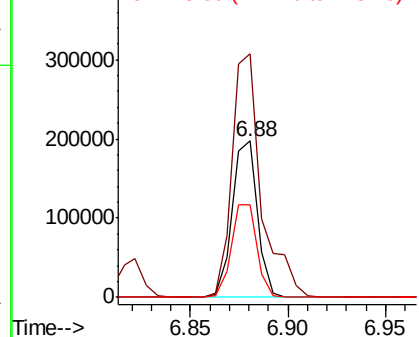
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176513
Ion Ratio Lower Upper
152 100
150 155.8 121.4 182.2
115 59.0 48.8 73.2



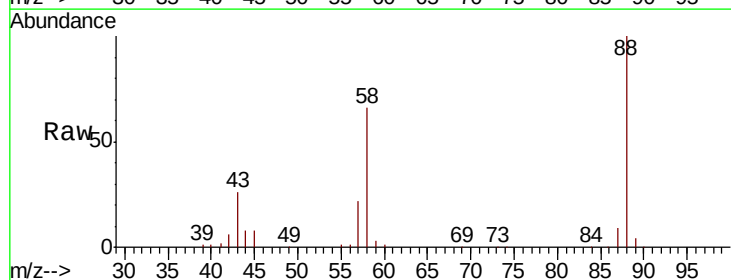
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



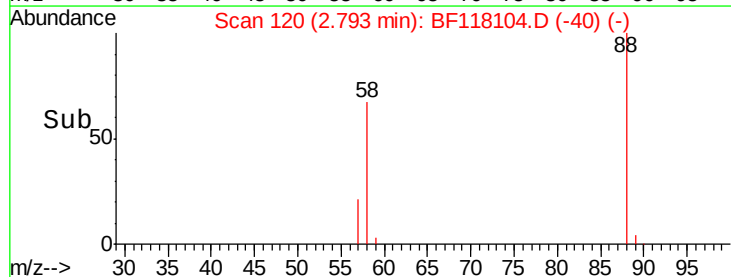
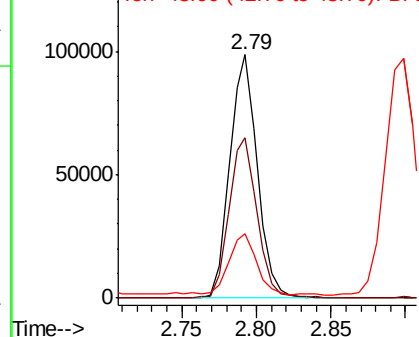
#2

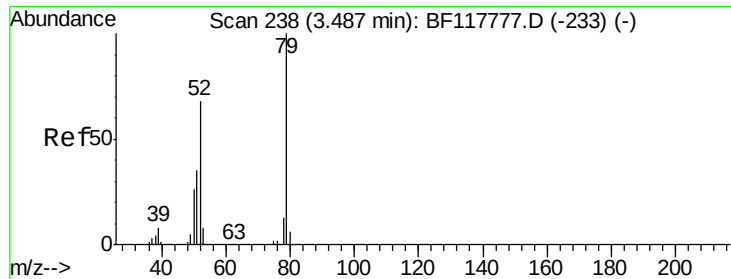
1,4-Dioxane
Concen: 27.400 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.17 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion: 88 Resp: 127717
Ion Ratio Lower Upper
88 100
58 66.7 52.6 78.8
43 0.0 21.8 32.6#



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





#3

Pvridine

Concen: 19.658 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.14 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

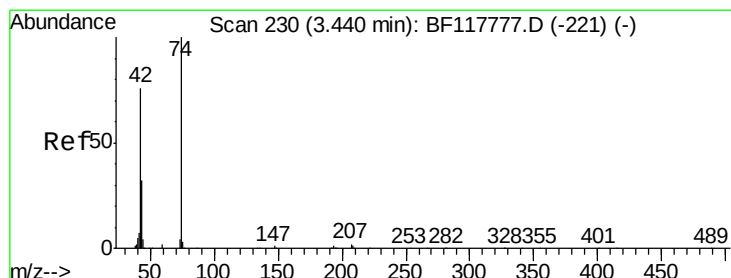
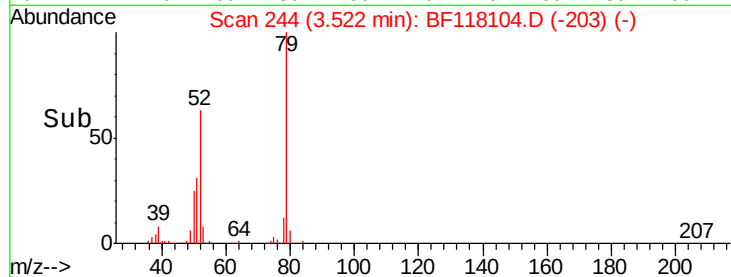
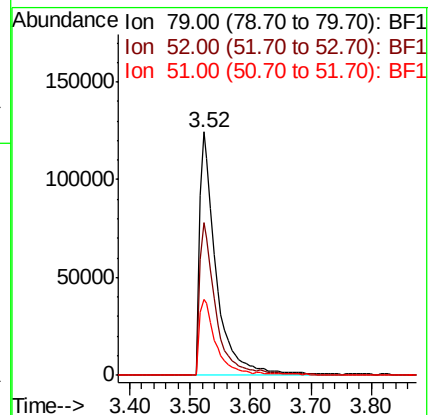
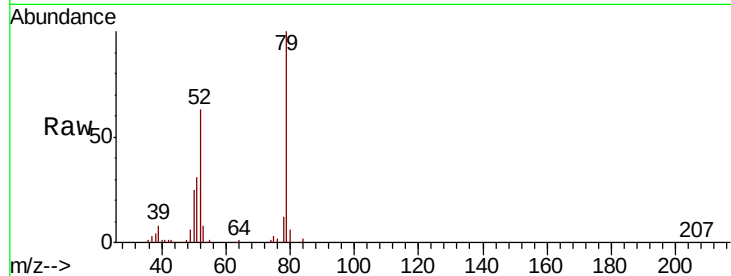
Tot Ion: 79 Resp: 240361

Ion Ratio Lower Upper

79 100

52 62.7 50.6 75.8

51 31.3 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 29.387 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.11 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

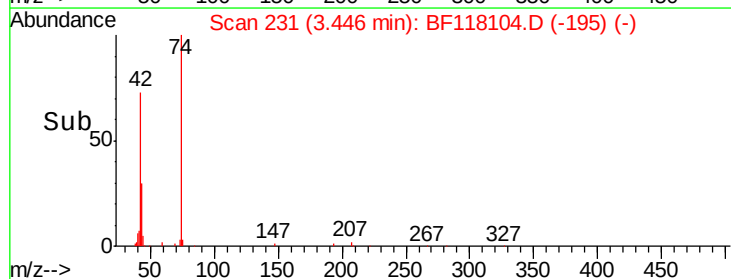
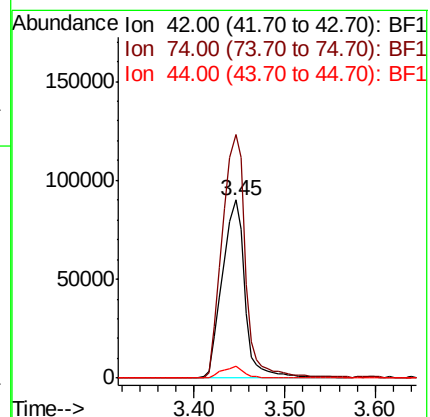
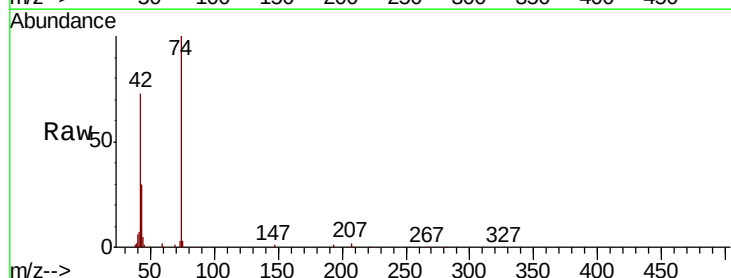
Tgt Ion: 42 Resp: 156851

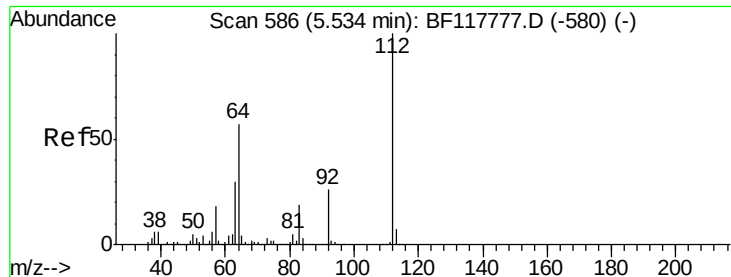
Ion Ratio Lower Upper

42 100

74 137.0 102.8 154.2

44 6.6 4.7 7.1





#5

2-Fluorophenol

Concen: 107.098 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampled :

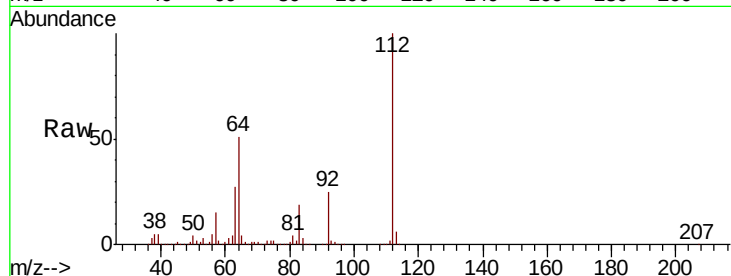
Tot Ion:112 Resp: 1067974

Ion Ratio Lower Upper

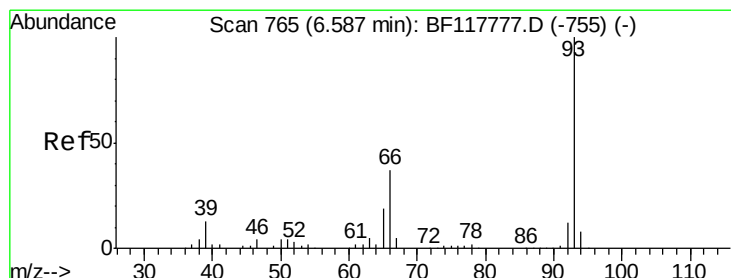
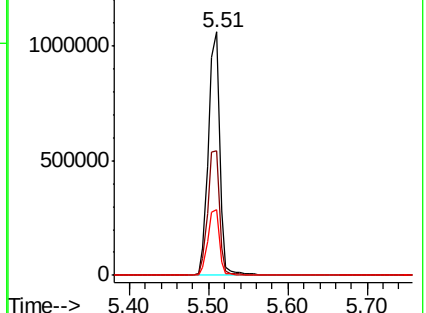
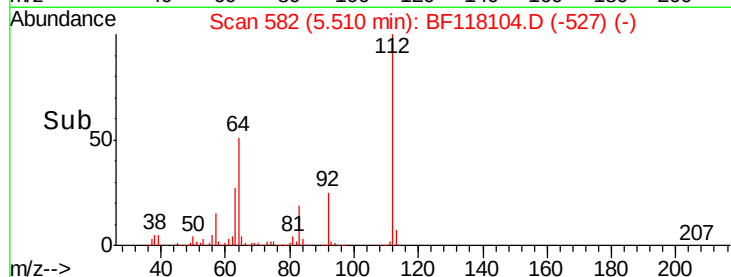
112 100

64 51.0 45.1 67.7

63 26.9 24.6 37.0



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



#6

Aniline

Concen: 19.439 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

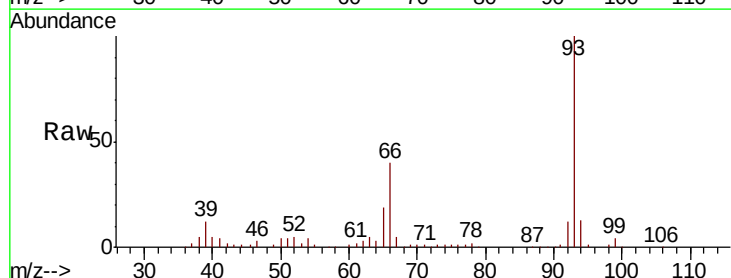
Tgt Ion: 93 Resp: 308969

Ion Ratio Lower Upper

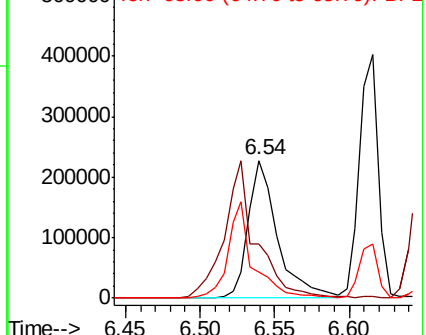
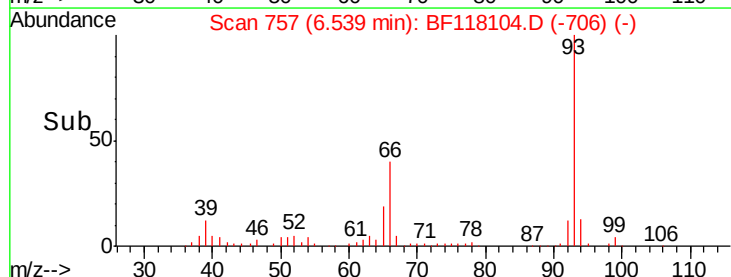
93 100

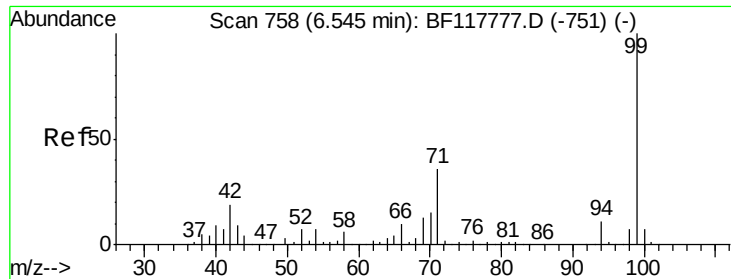
66 39.6 31.0 46.6

65 19.0 15.8 23.8



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





#7

Phenol-d6

Concen: 108.725 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

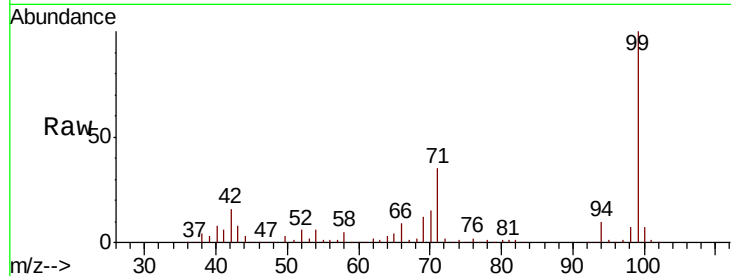
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1307718

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.0	21.0
71	35.2	29.2	43.8

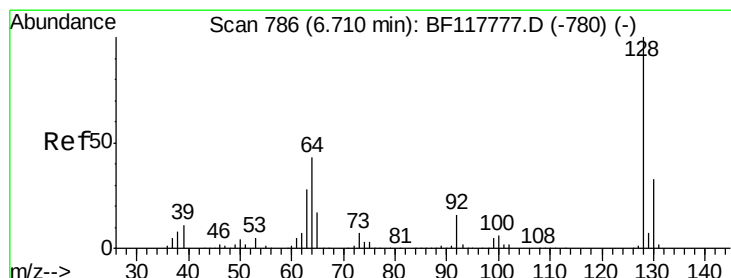
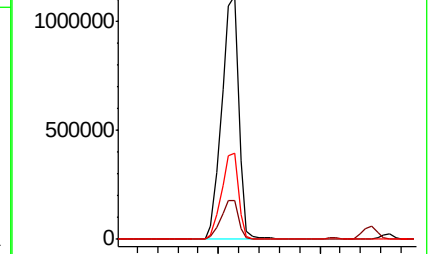
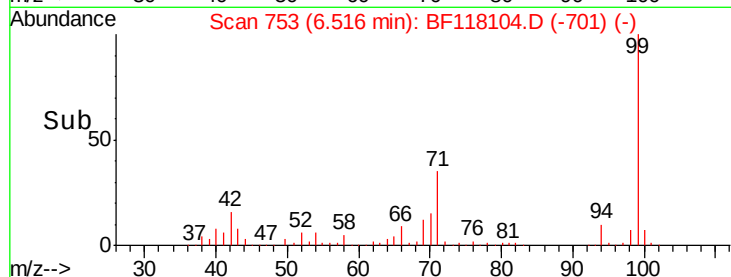


Abundance

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: 34.267 ng

RT: 6.67 min Scan# 779

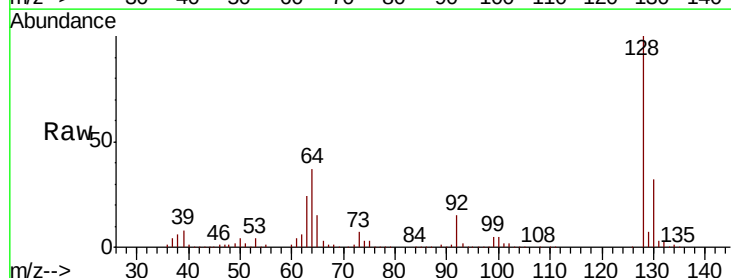
Delta R.T. 0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:128 Resp: 370786

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	37.0	23.2	63.2

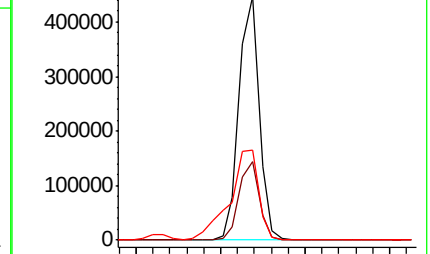
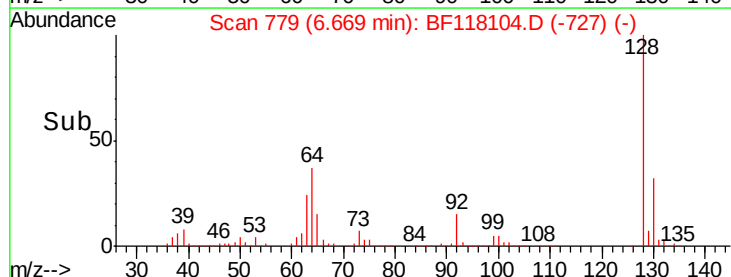


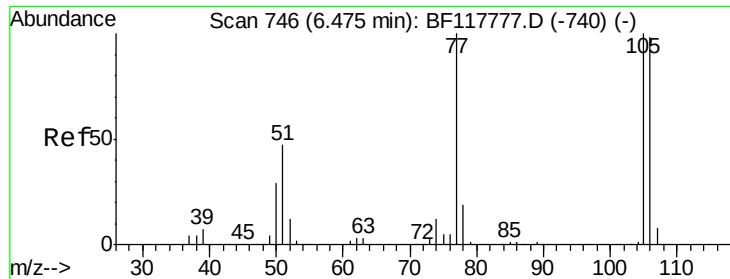
Abundance

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

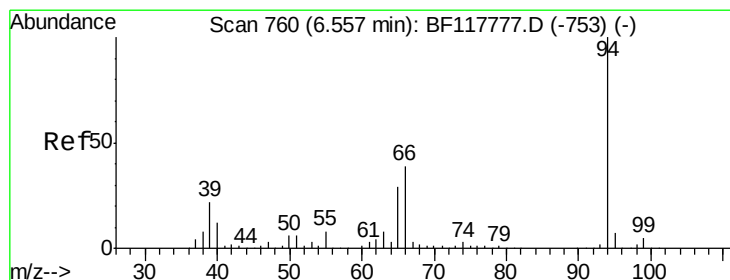
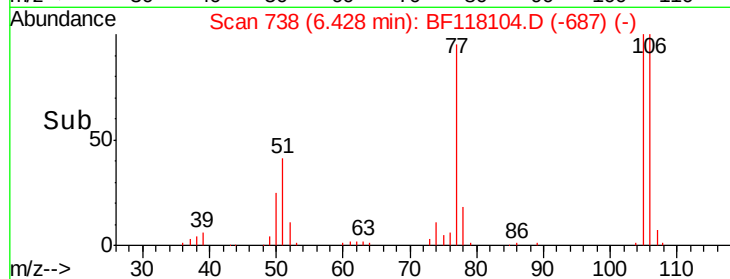
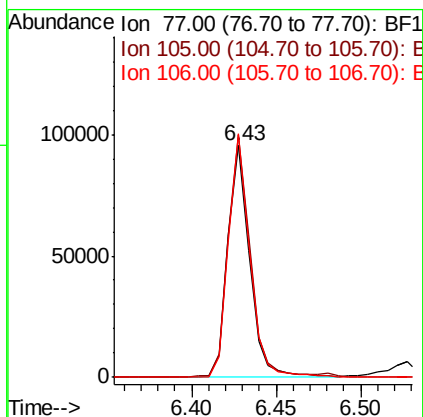
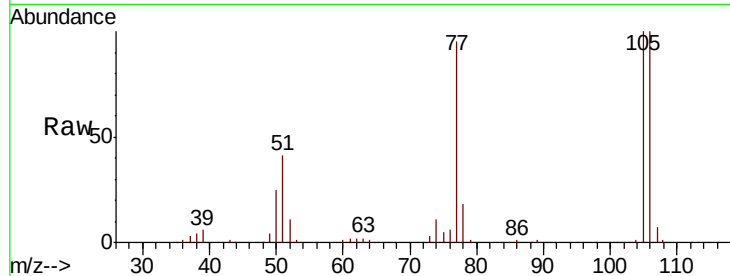




#9
Benzaldehyde
Concen: 7.235 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

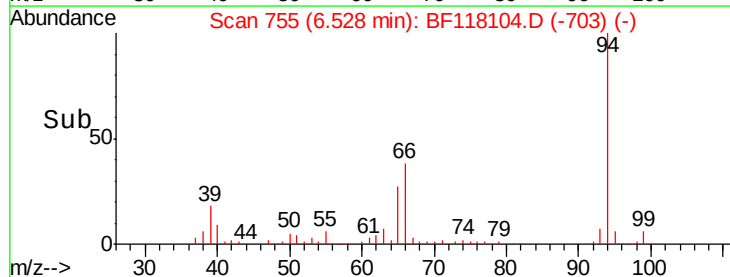
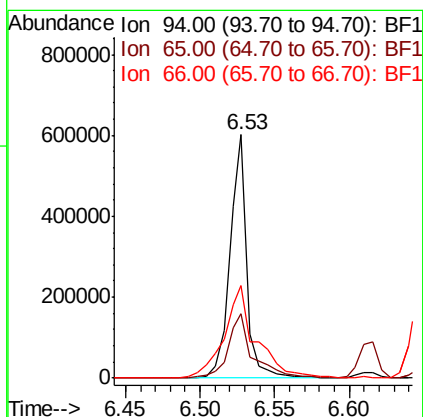
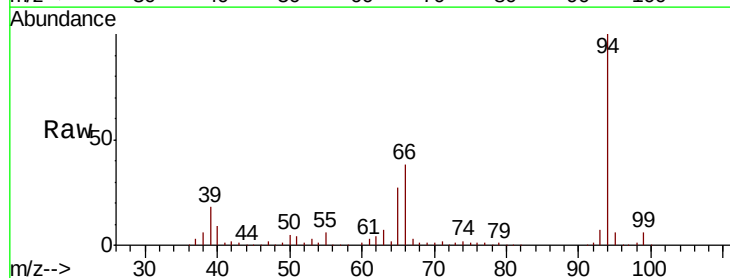
Instrument :
BNA_F
ClientSampled :

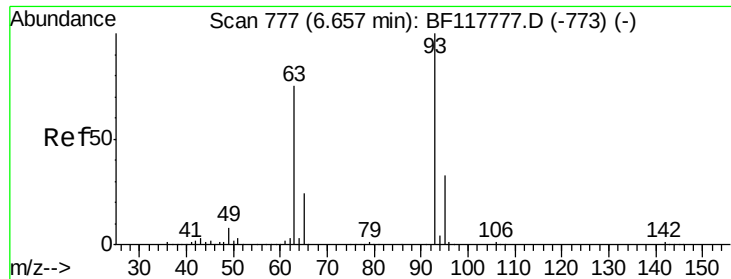
Tot Ion: 77 Resp: 86419
Ion Ratio Lower Upper
77 100
105 104.8 83.3 123.3
106 105.2 80.9 120.9



#10
Phenol
Concen: 38.579 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion: 94 Resp: 482177
Ion Ratio Lower Upper
94 100
65 26.6 6.9 46.9
66 37.8 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 34.793 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

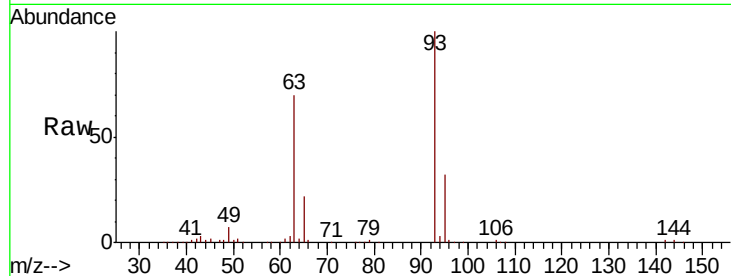
Tot Ion: 93 Resp: 349212

Ion Ratio Lower Upper

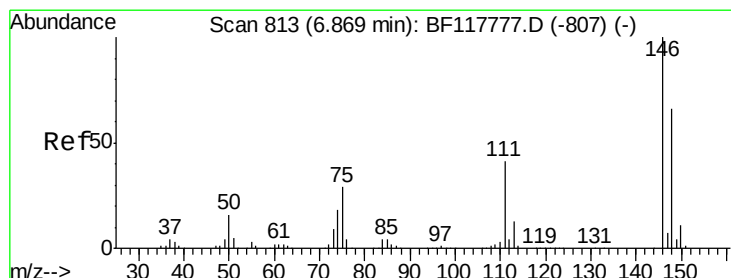
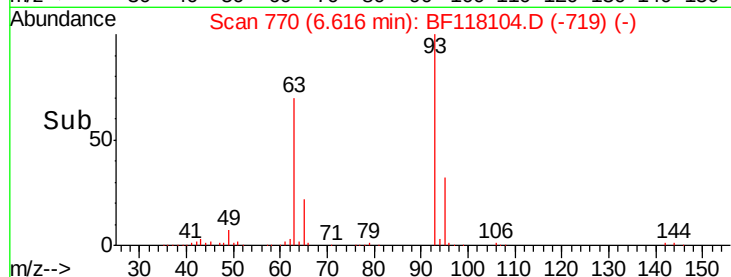
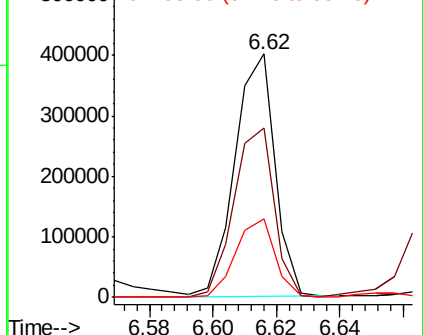
93 100

63 69.5 46.8 86.8

95 32.4 12.0 52.0



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



#12

1,3-Dichlorobenzene

Concen: 31.897 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

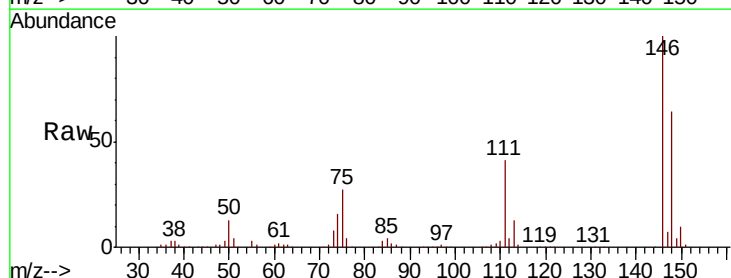
Tgt Ion: 146 Resp: 406328

Ion Ratio Lower Upper

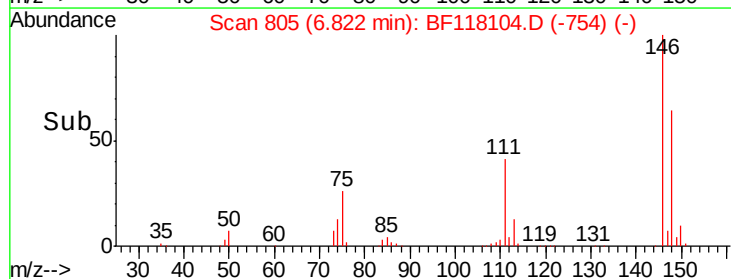
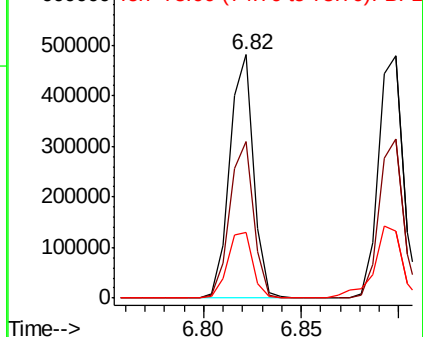
146 100

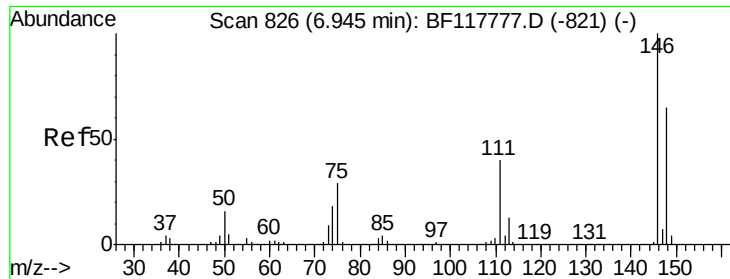
148 64.4 52.7 79.1

75 26.9 24.5 36.7



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

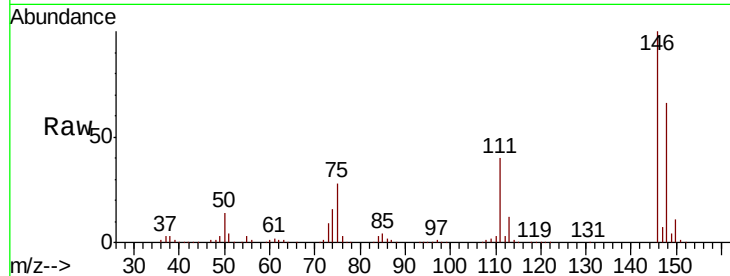




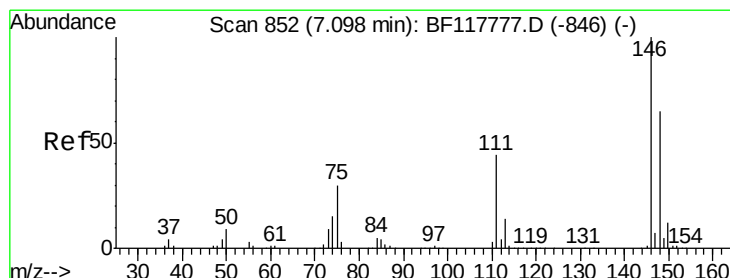
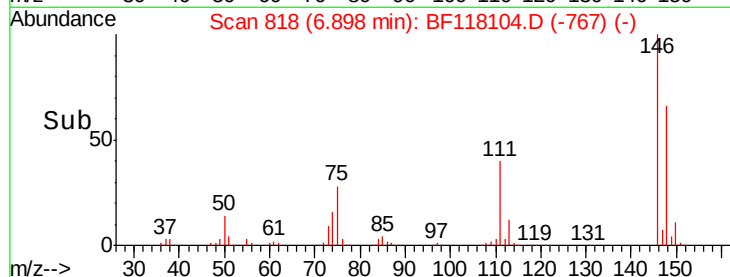
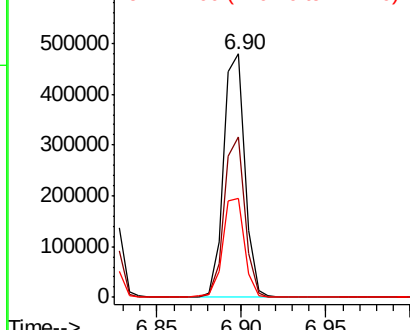
#13
 1,4-Dichlorobenzene
 Concen: 32.677 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 420765
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.8 76.2
 111 40.4 34.6 51.8

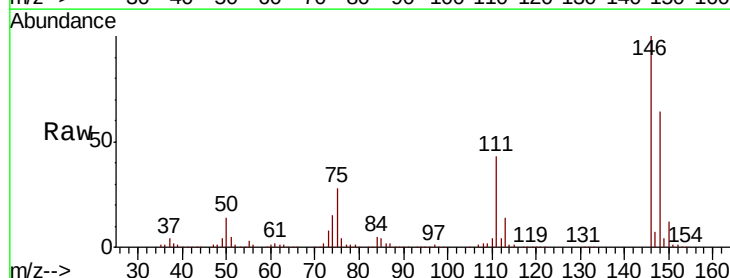


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

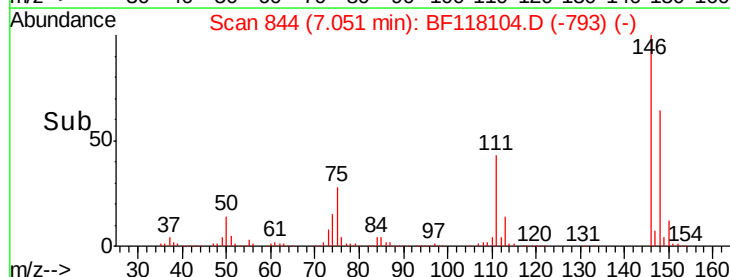
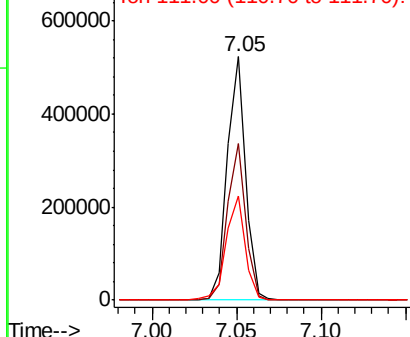


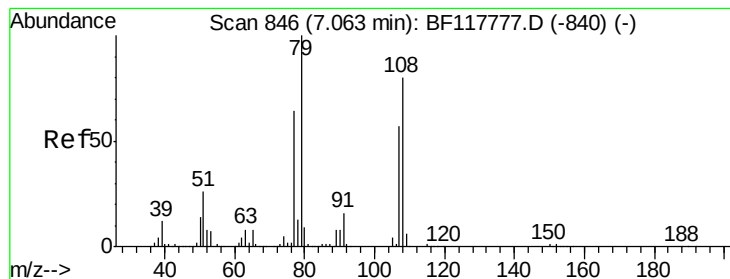
#14
 1,2-Dichlorobenzene
 Concen: 32.061 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:146 Resp: 394827
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 42.7 35.8 53.8



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





#15

Benzyl Alcohol

Concen: 37.586 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

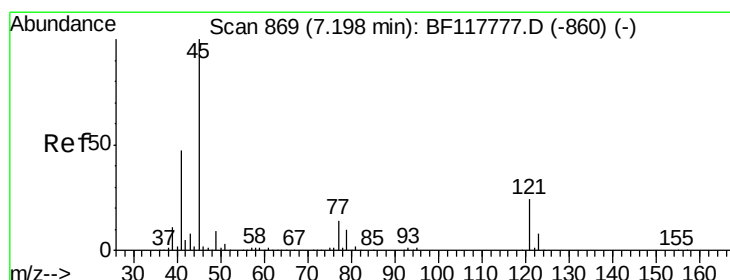
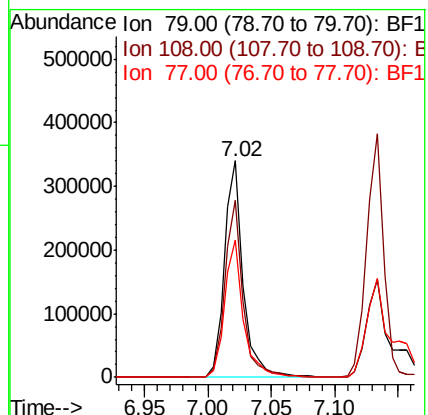
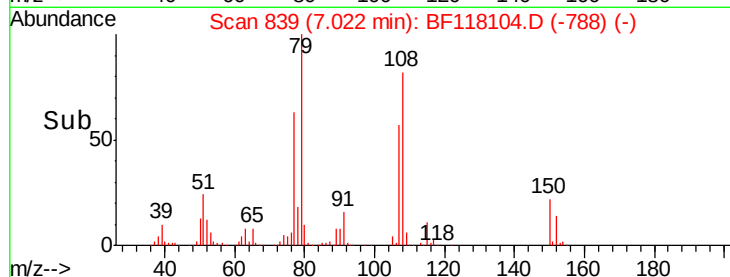
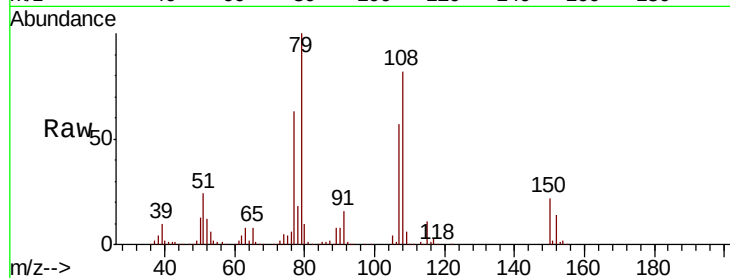
Tot Ion: 79 Resp: 349018

Ion Ratio Lower Upper

79 100

108 81.6 63.1 94.7

77 63.3 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.054 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

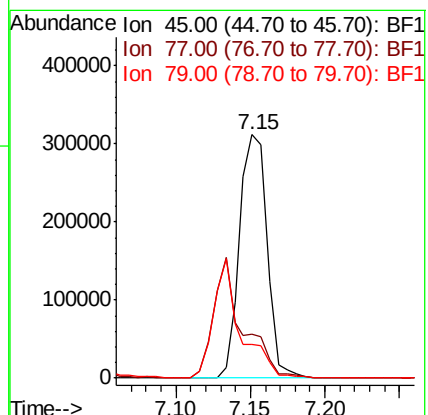
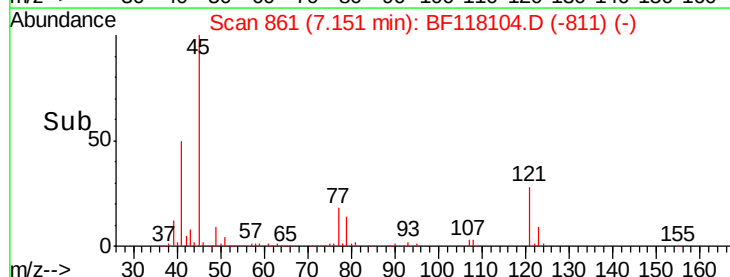
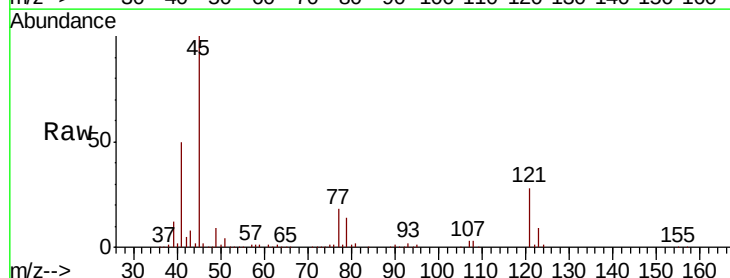
Tgt Ion: 45 Resp: 402609

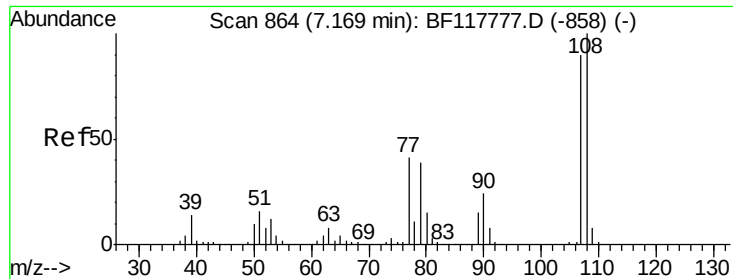
Ion Ratio Lower Upper

45 100

77 18.3 0.0 36.8

79 13.6 0.0 33.5

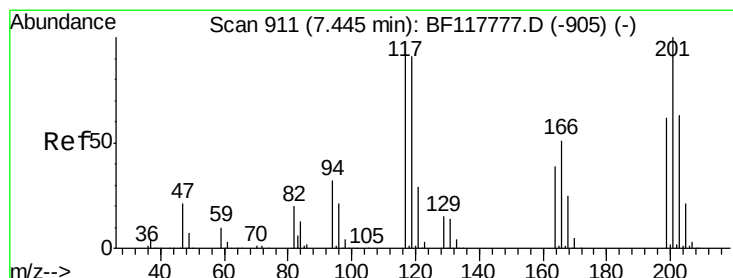
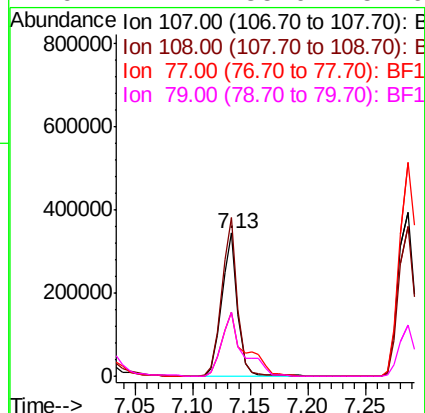
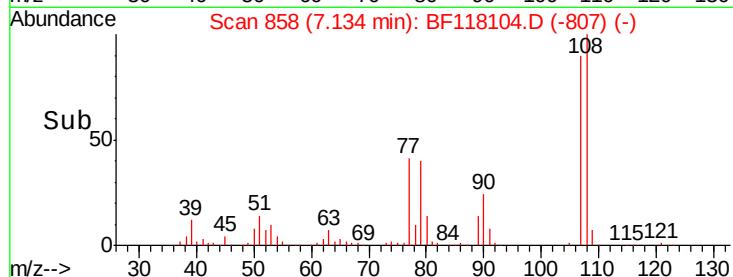
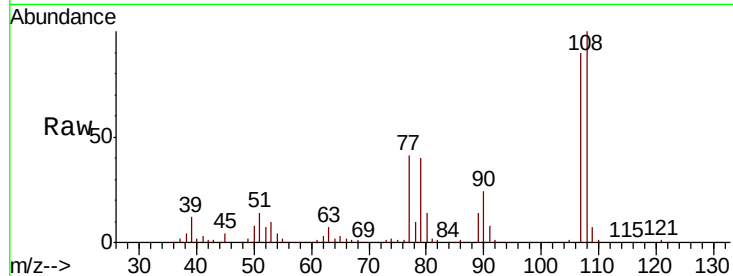




#17
2-Methylphenol
Concen: 35.234 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

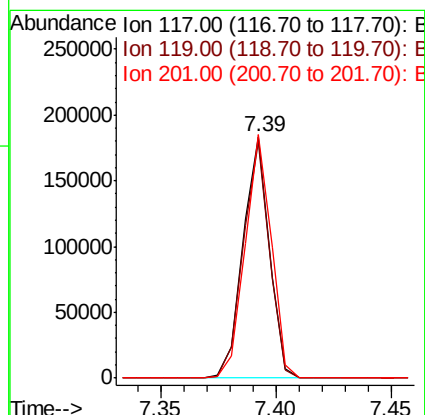
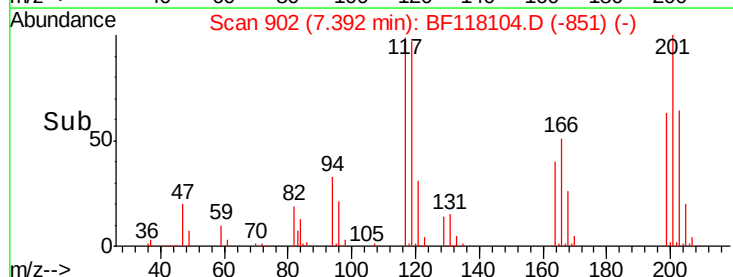
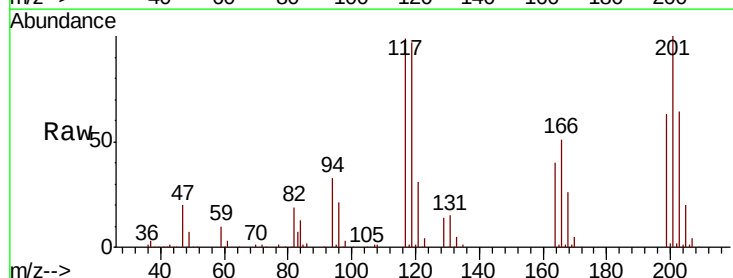
Instrument :
BNA_F
ClientSampleId :

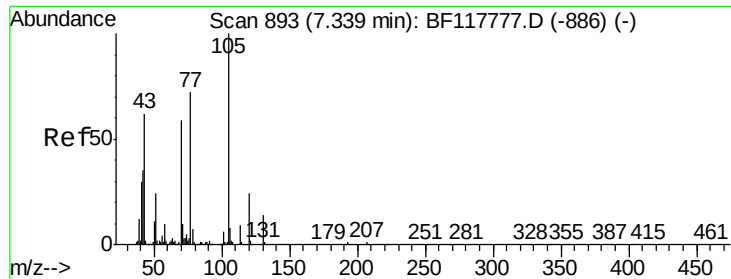
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.8	134.8
77	45.1	35.0	52.6
79	44.4	35.0	52.6



#18
Hexachloroethane
Concen: 30.920 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.4	114.6
201	101.0	71.7	107.5

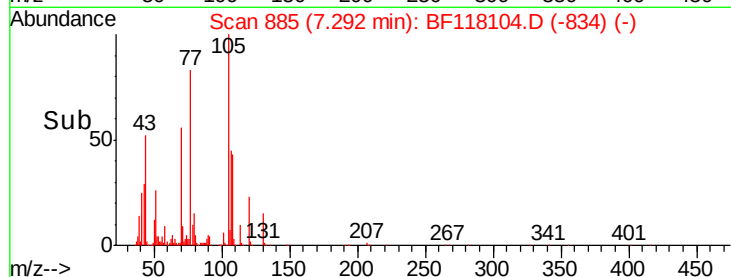
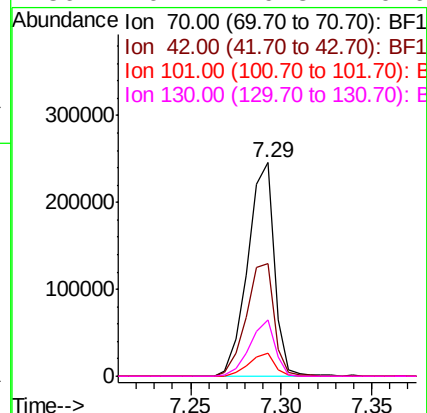
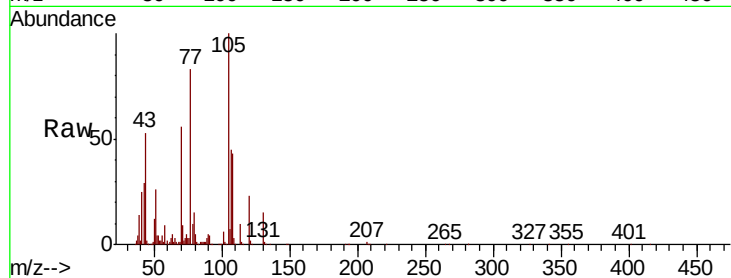




#19
n-Nitroso-di-n-propylamine
Concen: 33.886 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

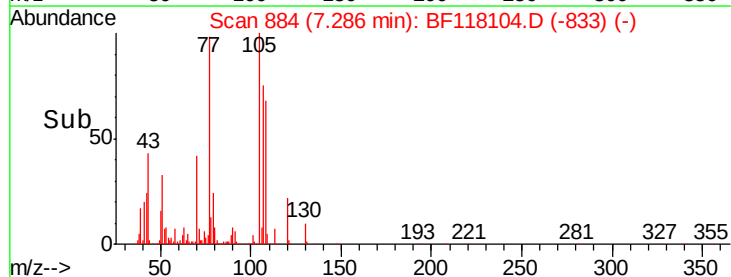
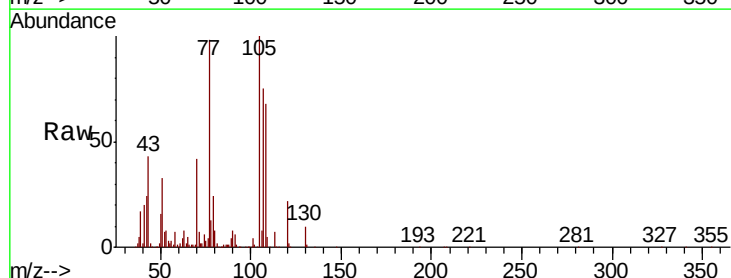
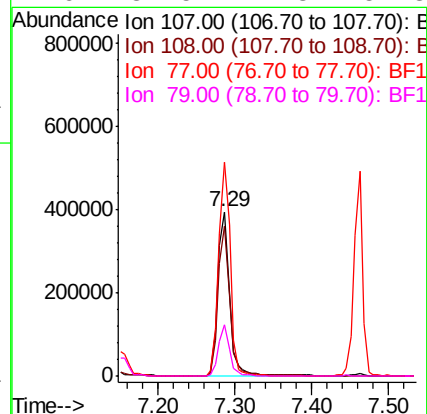
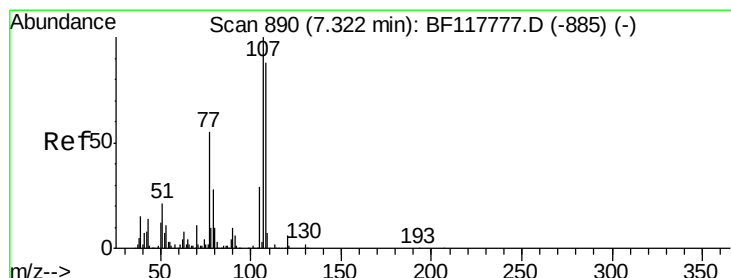
Instrument :
BNA_F
ClientSampleId :

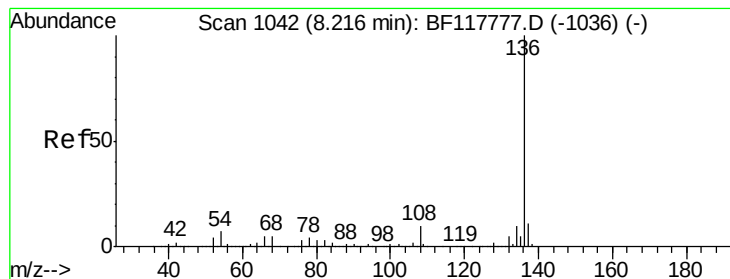
Tot Ion:	70	Resp:	251436
Ion	Ratio	Lower	Upper
70	100		
42	52.8	46.0	69.0
101	11.0	8.8	13.2
130	26.2	19.8	29.6



#20
3+4-Methylphenols
Concen: 35.981 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:	107	Resp:	409273
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.9	111.9
77	130.2	91.6	131.6
79	31.5	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 626492

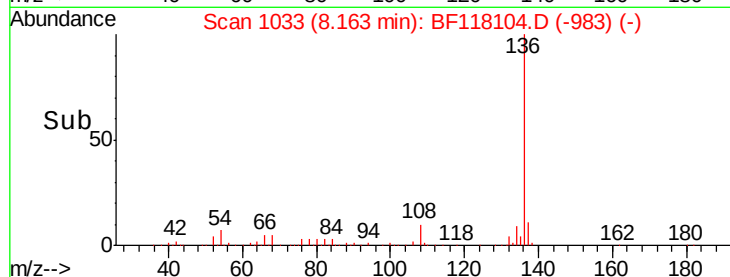
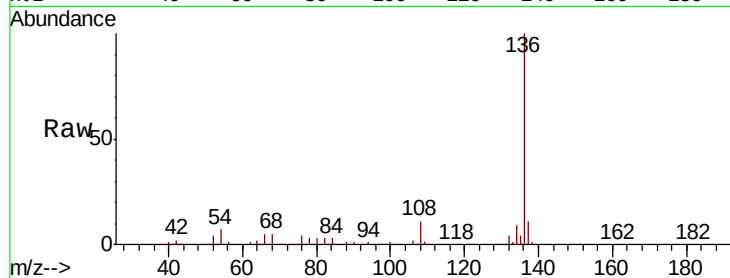
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 4.9 7.3

68 4.9 3.6 5.4

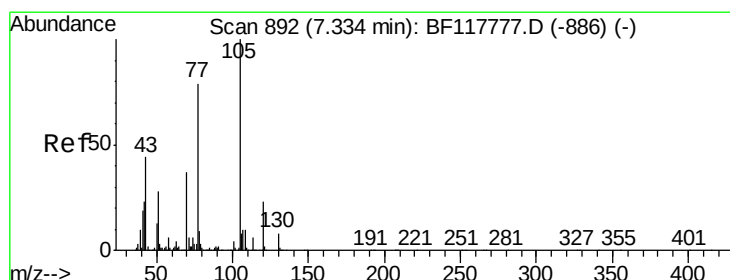
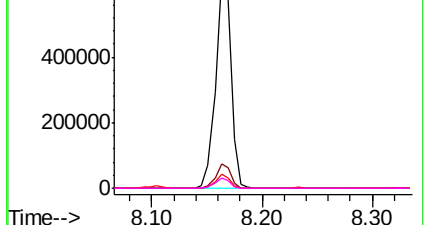


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.823 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:105 Resp: 546442

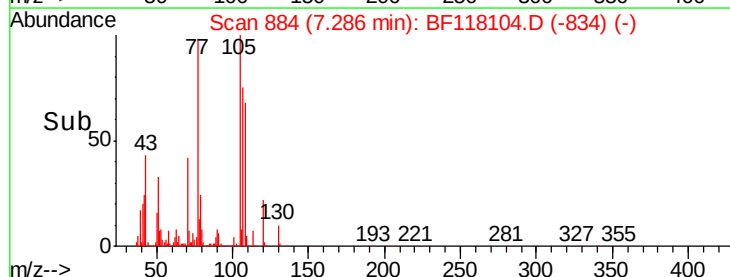
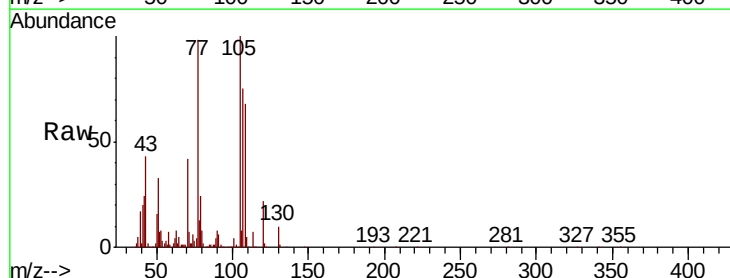
Ion Ratio Lower Upper

105 100

71 7.0 5.9 8.9

51 33.0 20.2 30.2#

120 22.2 17.9 26.9

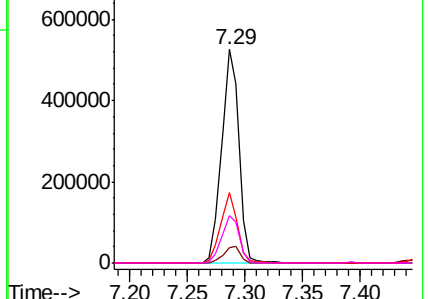


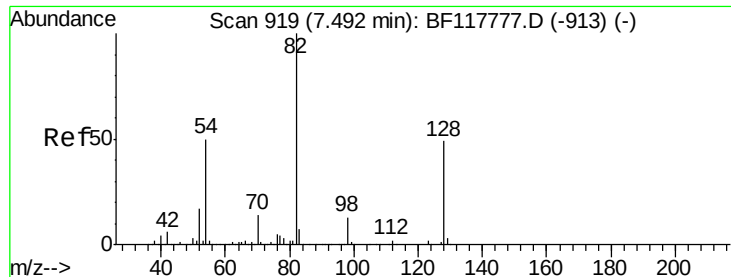
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

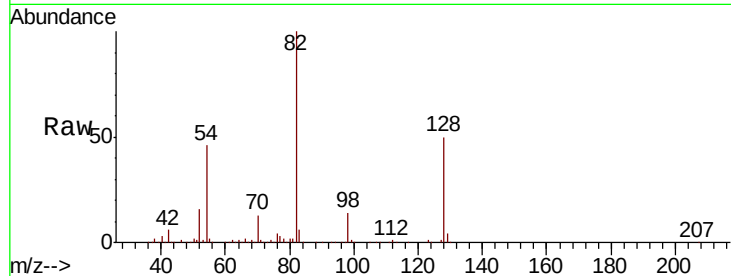




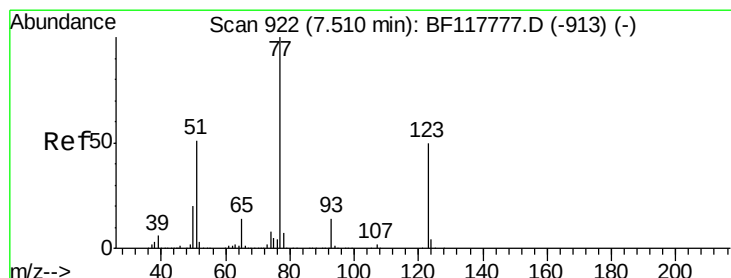
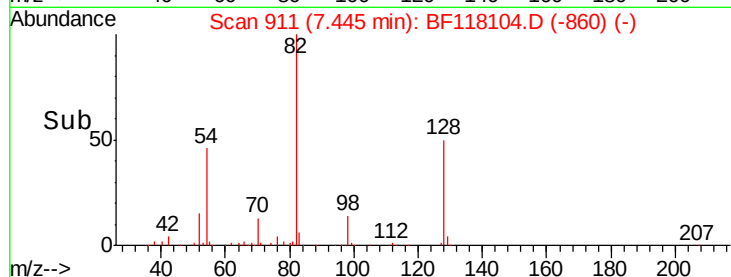
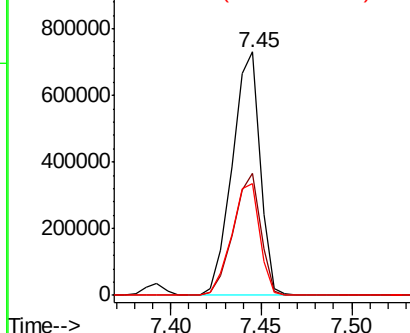
#23
Nitrobenzene-d5
Concen: 74.121 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	781147
Ion Ratio	100	Lower	Upper
128	50.2	38.2	57.4
54	46.0	39.0	58.4

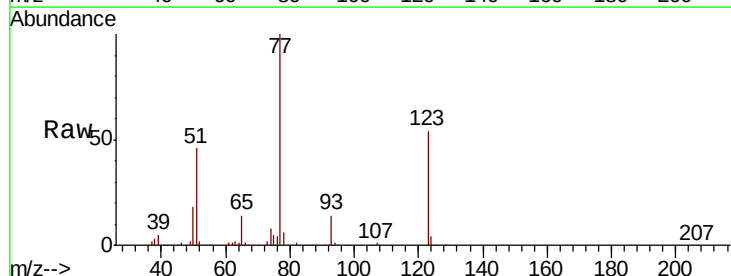


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

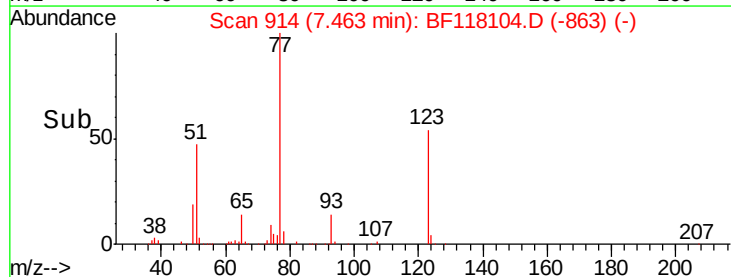
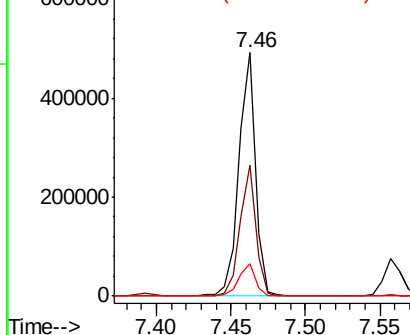


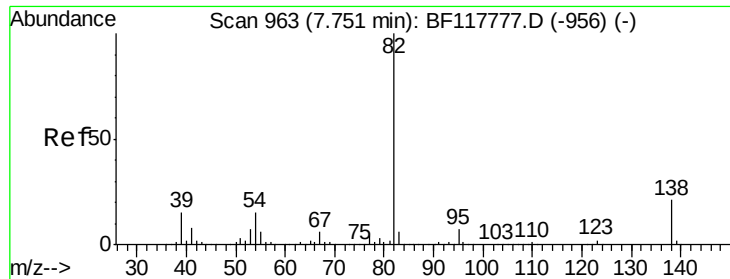
#24
Nitrobenzene
Concen: 35.269 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	77	Resp	383457
Ion Ratio	100	Lower	Upper
123	53.6	38.2	57.2
65	13.5	11.1	16.7



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: 37.943 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampled :

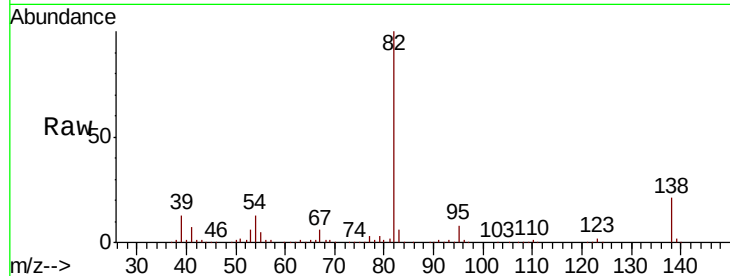
Tot Ion: 82 Resp: 732906

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

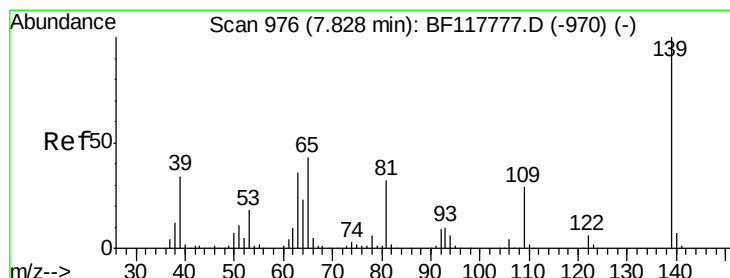
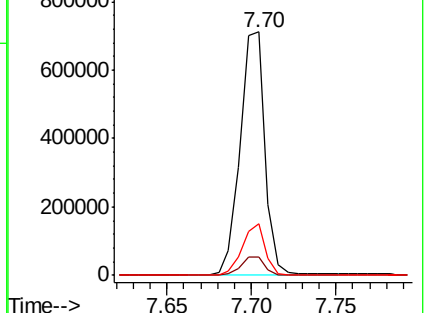
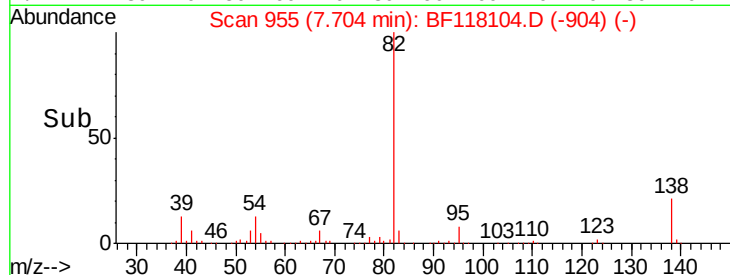
138 21.0 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.958 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

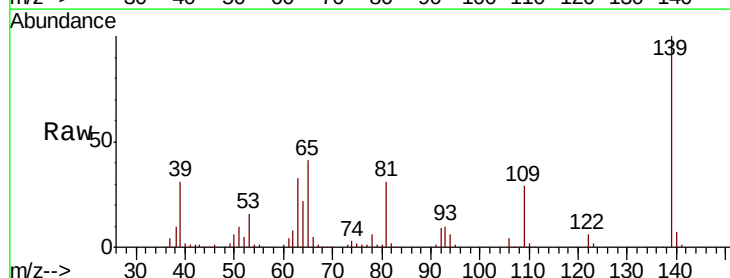
Tgt Ion: 139 Resp: 227325

Ion Ratio Lower Upper

139 100

109 28.6 23.8 35.6

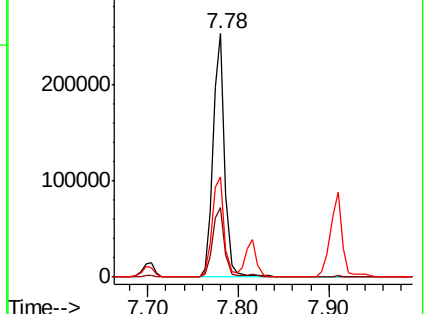
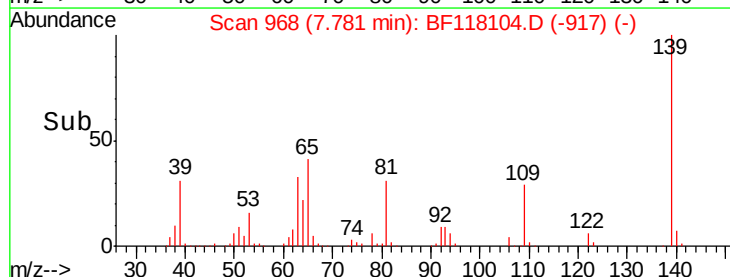
65 41.2 36.2 54.4

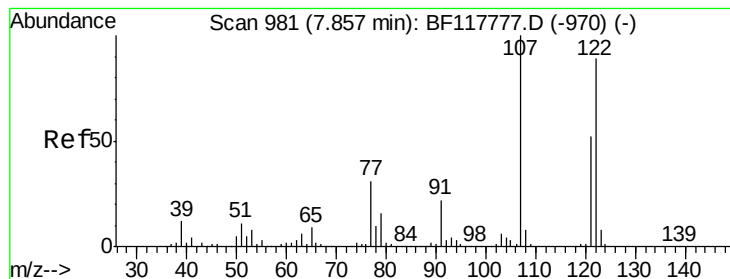


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.776 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

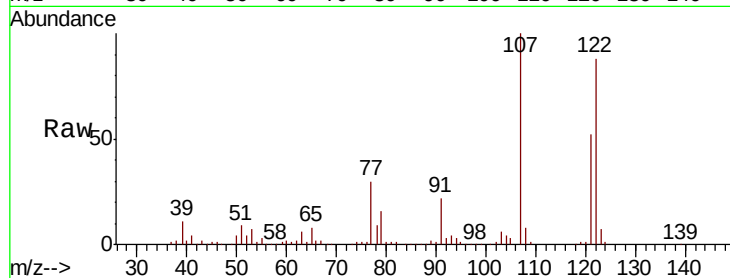
Tot Ion:122 Resp: 359964

Ion Ratio Lower Upper

122 100

107 114.0 92.6 138.8

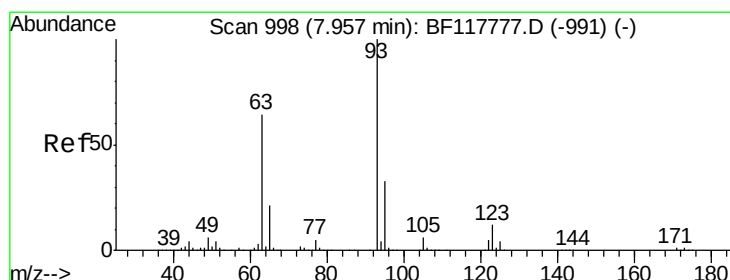
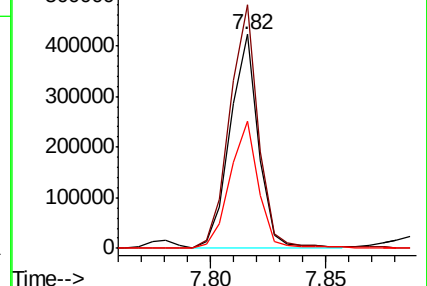
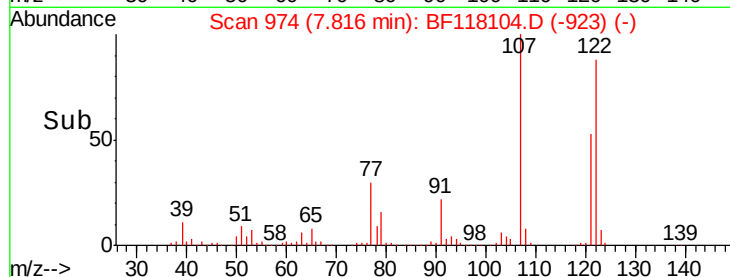
121 59.8 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.792 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

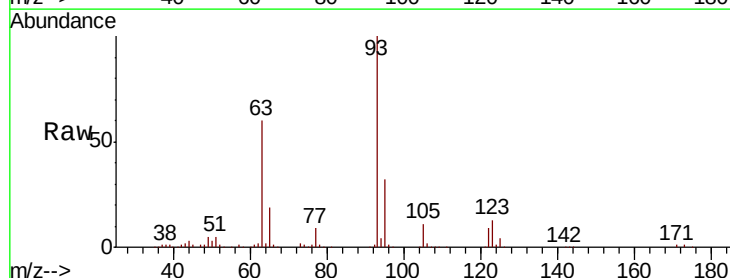
Tgt Ion: 93 Resp: 389686

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

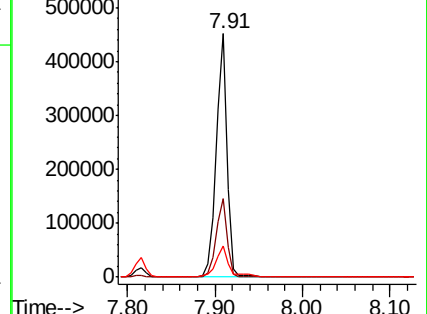
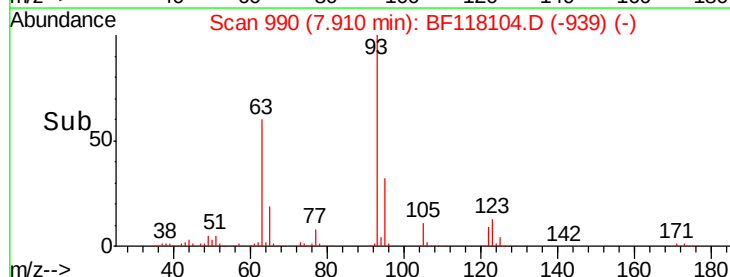
123 13.0 10.2 15.4

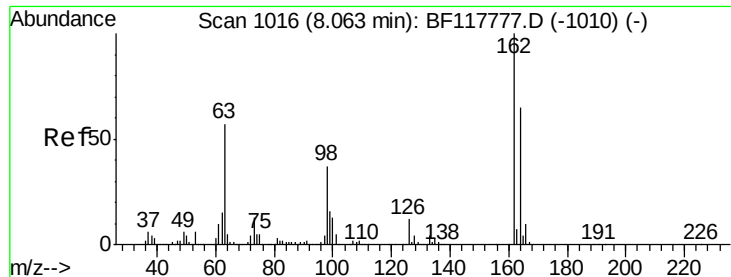


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

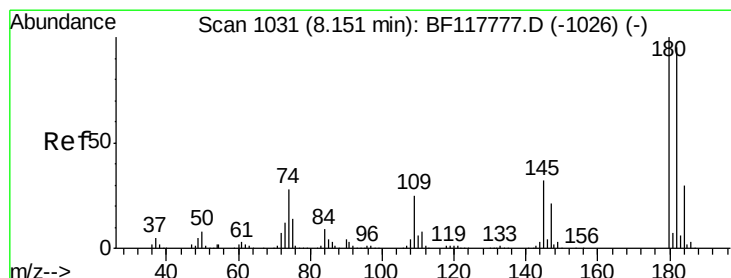
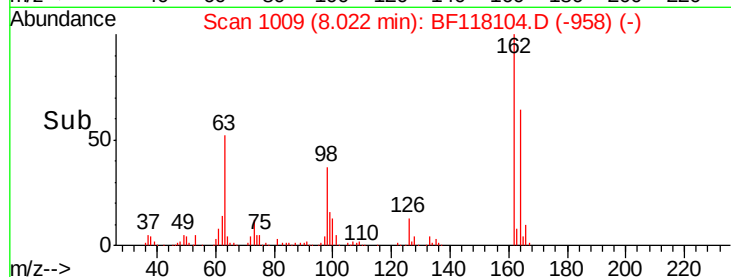
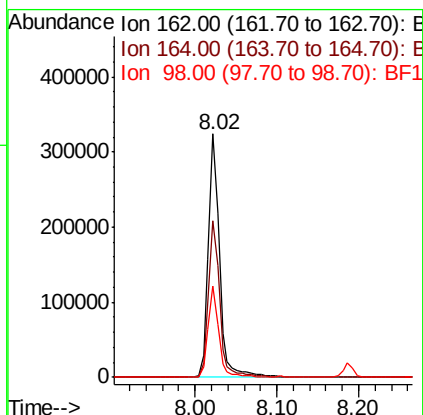
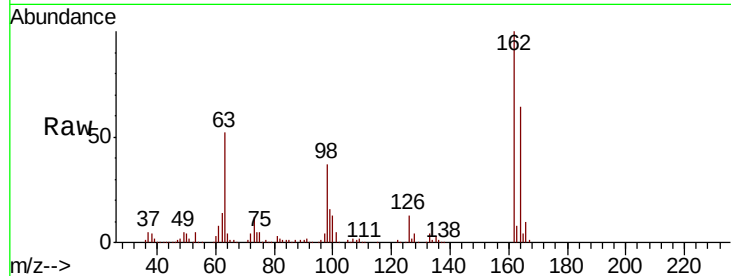




#29
 2,4-Dichlorophenol
 Concen: 34.598 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

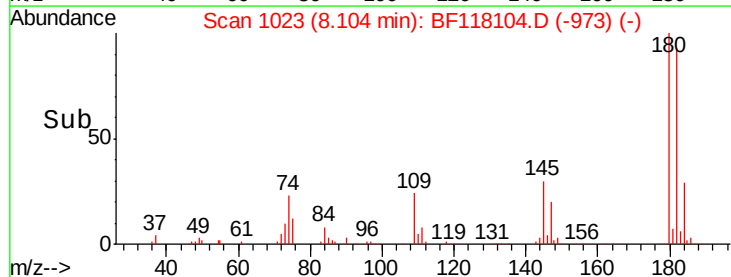
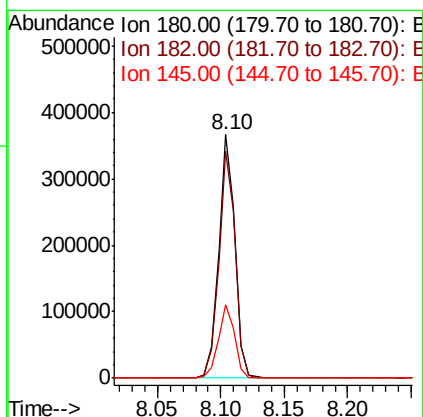
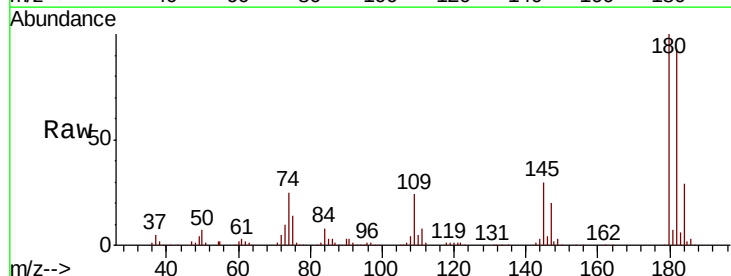
Instrument :
 BNA_F
 ClientSampleId :

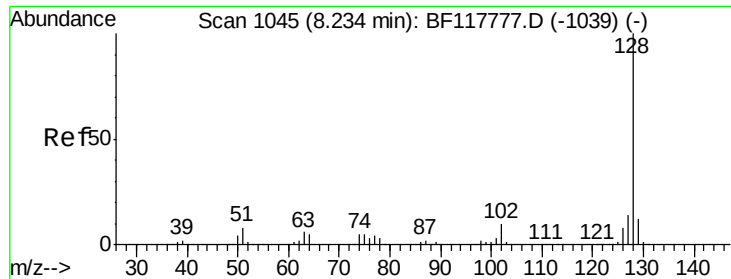
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.9	82.9
98	37.5	16.7	56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 31.810 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.6	114.8
145	30.4	25.1	37.7

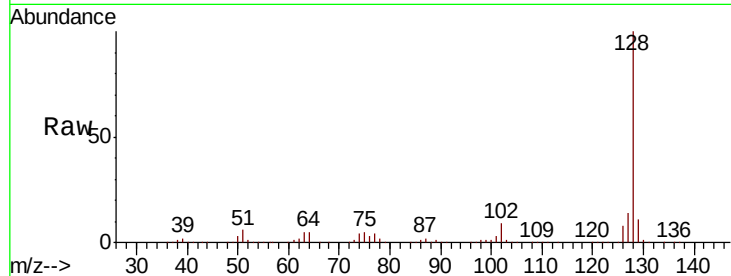




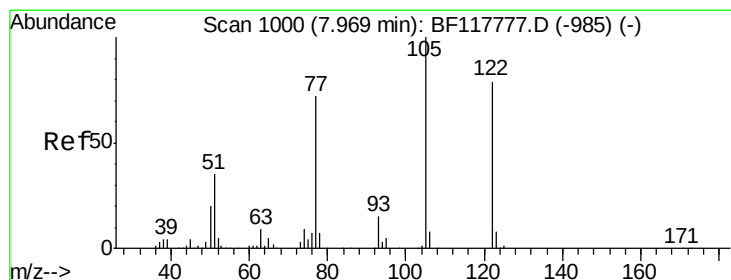
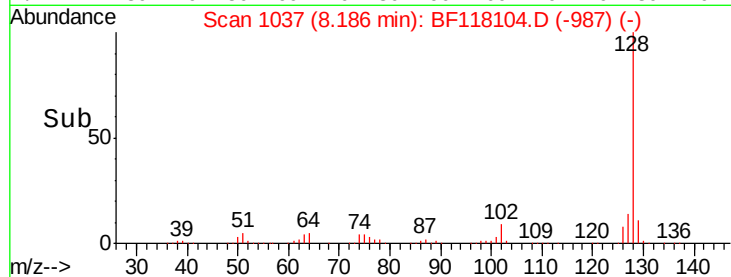
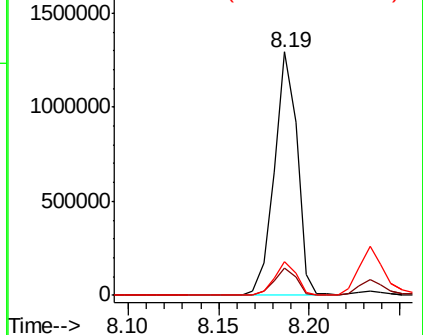
#31
Naphthalene
Concen: 38.729 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1131143
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.6 16.0

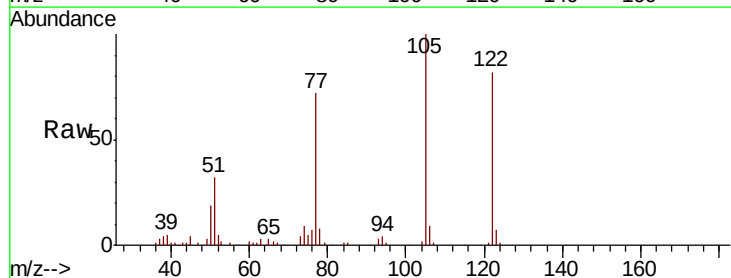


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

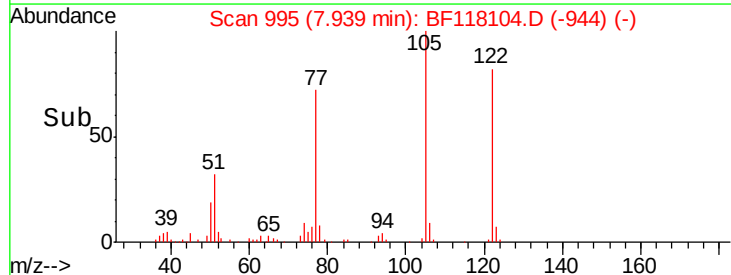
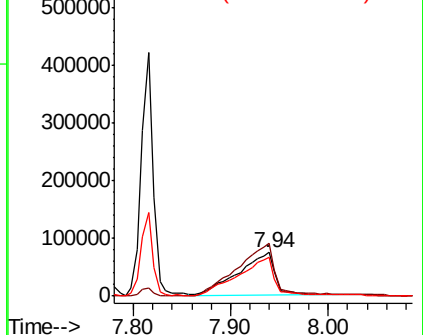


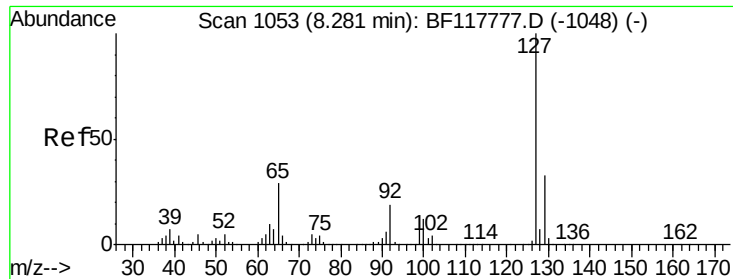
#32
Benzoic acid
Concen: 28.765 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:122 Resp: 198052
Ion Ratio Lower Upper
122 100
105 121.5 101.4 141.4
77 87.7 66.4 106.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

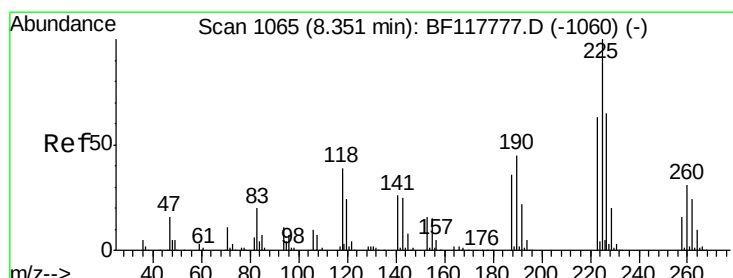
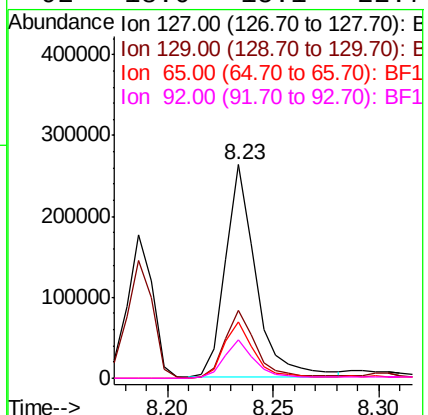
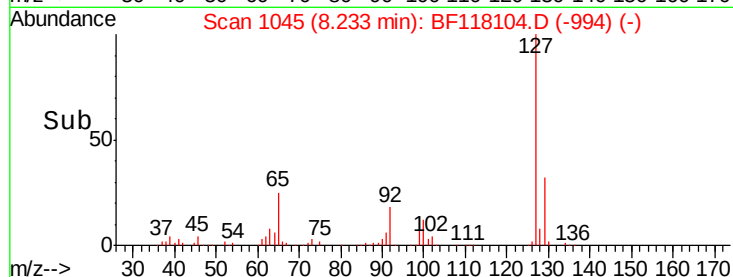
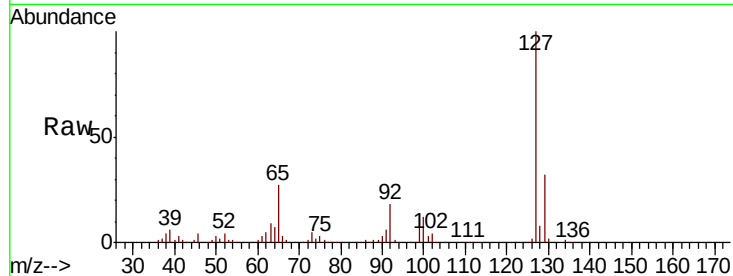




#33
4-Chloroaniline
Concen: 20.214 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

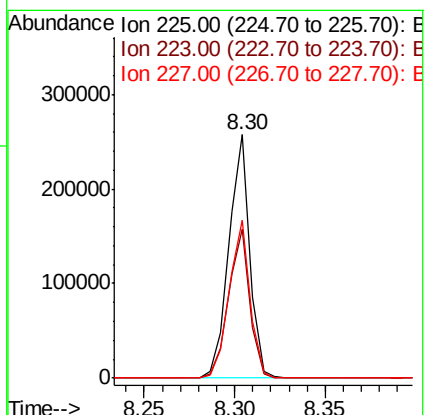
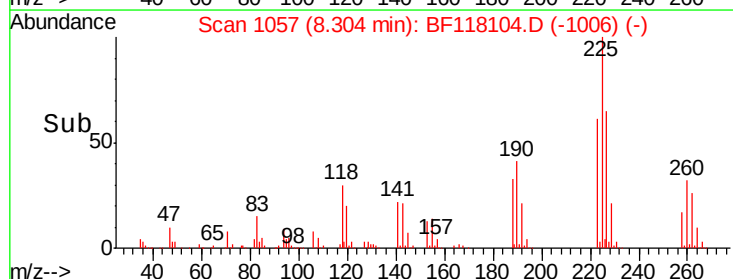
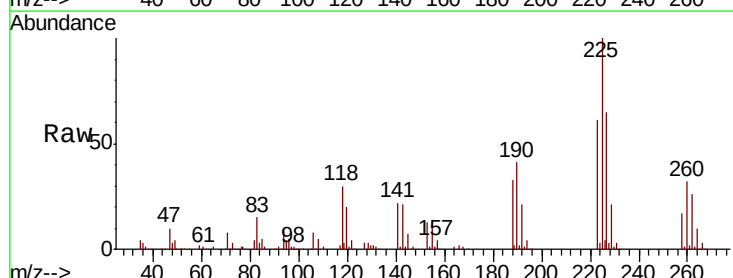
Instrument :
BNA_F
ClientSampled :

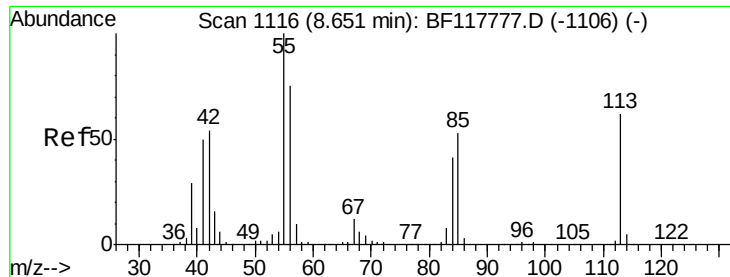
Tot Ion:	127	Resp:	264298
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.0
65	26.6	23.4	35.0
92	18.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 34.166 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:	225	Resp:	206671
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.4	77.2
227	64.6	52.6	78.8

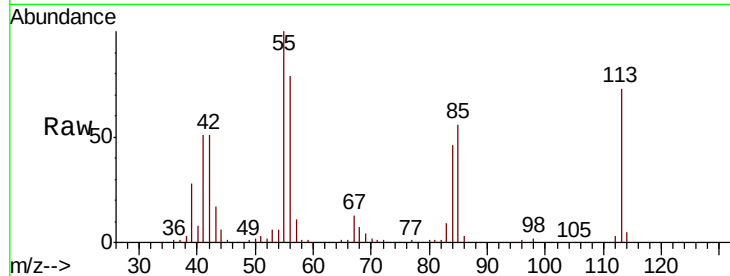




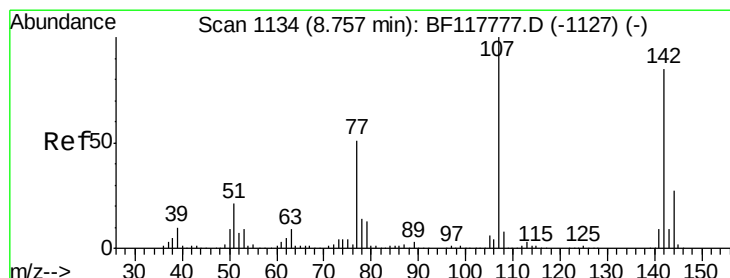
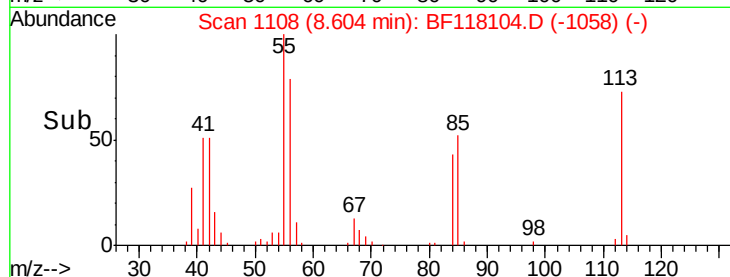
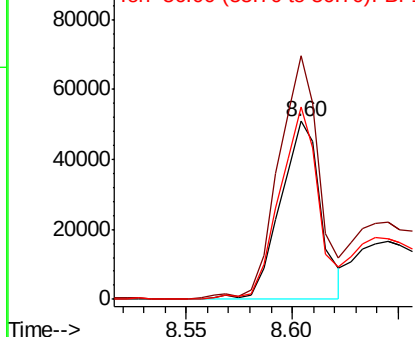
#35
Caprolactam
Concen: 23.831 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 67555
Ion Ratio Lower Upper
113 100
55 136.8 125.5 165.5
56 108.0 88.0 128.0

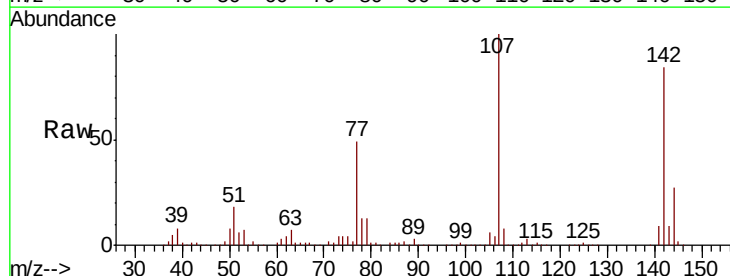


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

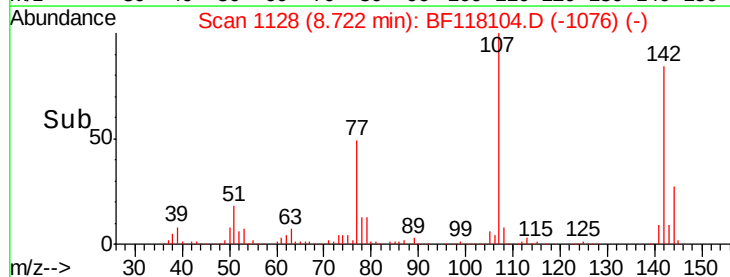
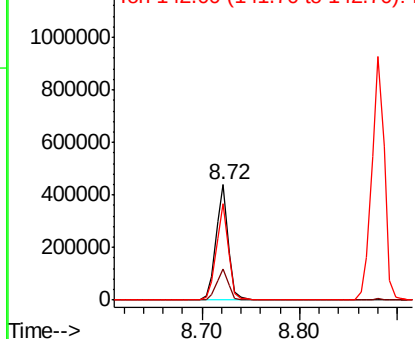


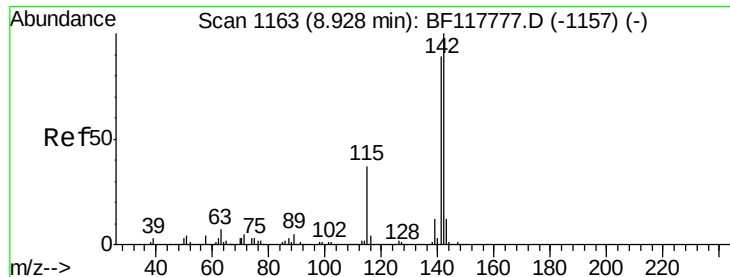
#36
4-Chloro-3-methylphenol
Concen: 42.269 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:107 Resp: 382621
Ion Ratio Lower Upper
107 100
144 26.8 20.6 30.8
142 84.1 62.5 93.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

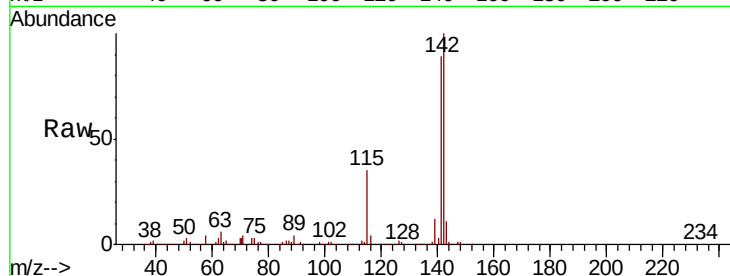




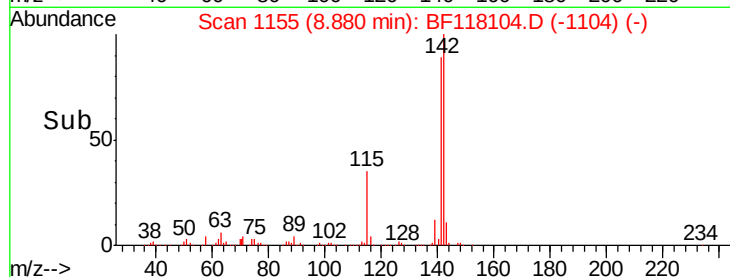
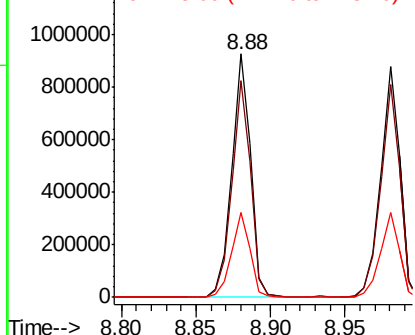
#37
2-Methylnaphthalene
Concen: 42.244 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 833628
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.4
115 35.0 29.2 43.8

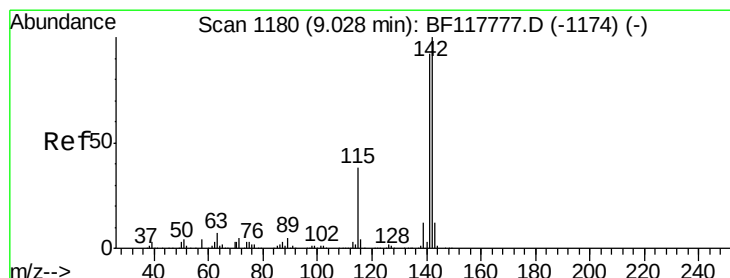


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

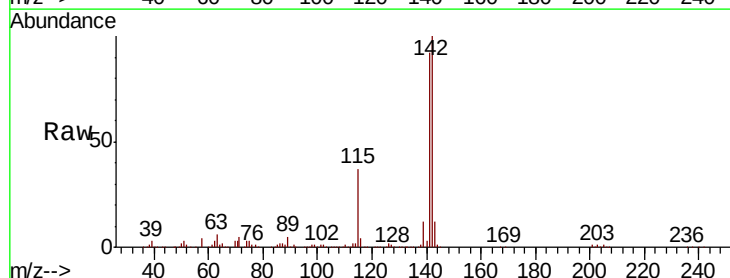
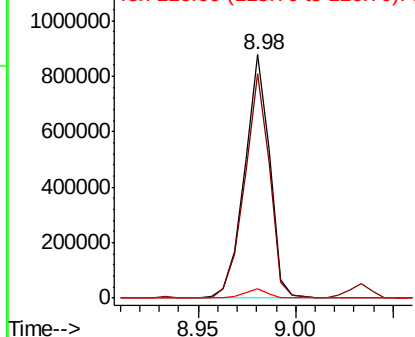


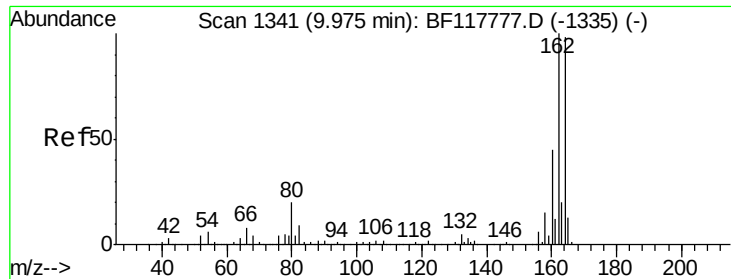
#38
1-Methylnaphthalene
Concen: 41.570 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:142 Resp: 775547
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 3.7 3.1 4.7



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

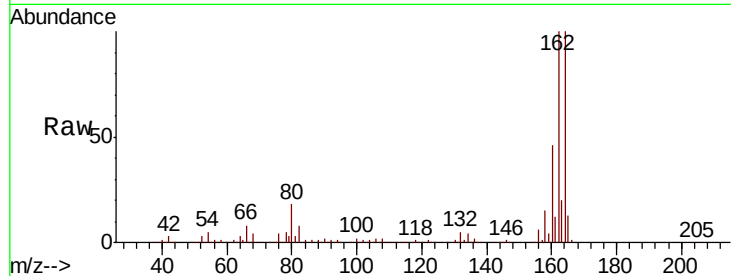




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.8
160	45.6	35.9	53.9

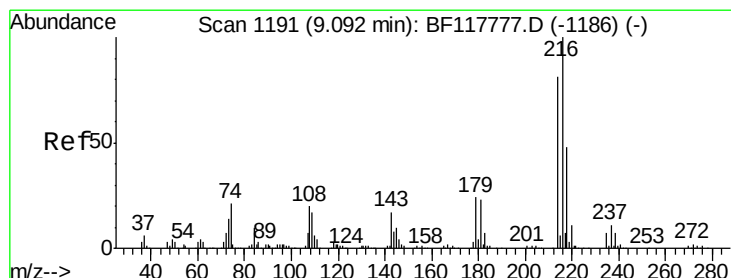
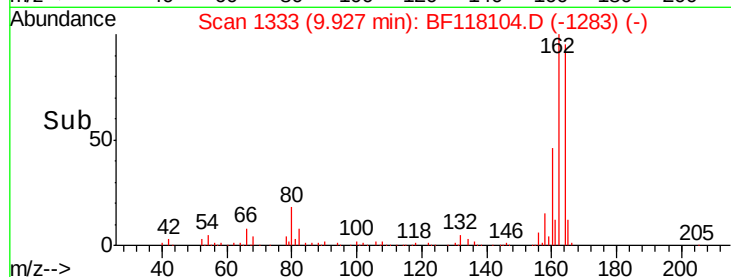
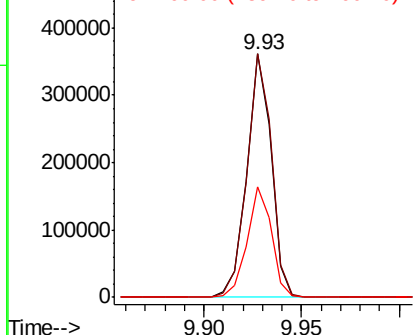


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.071 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.8	18.5	27.7
108	20.0	15.4	23.2

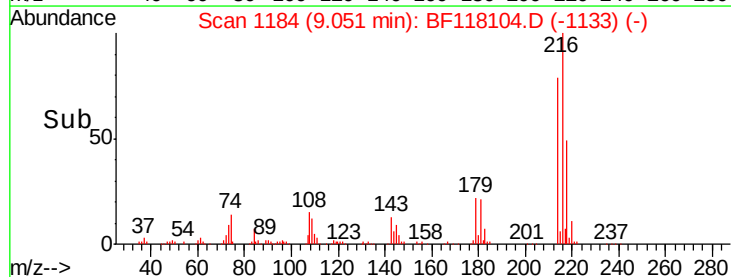
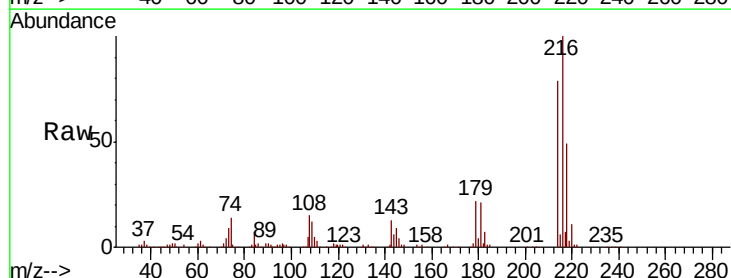
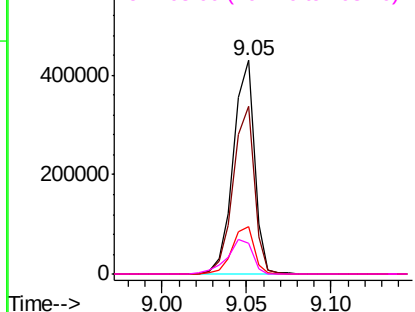
Abundance

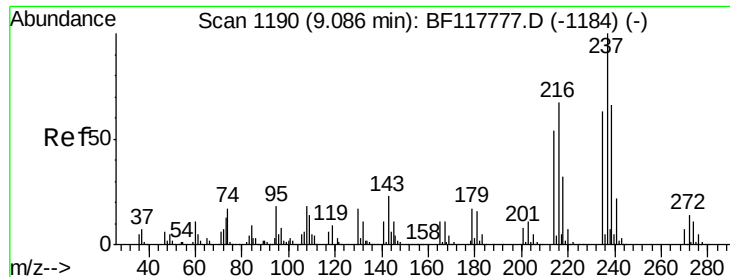
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

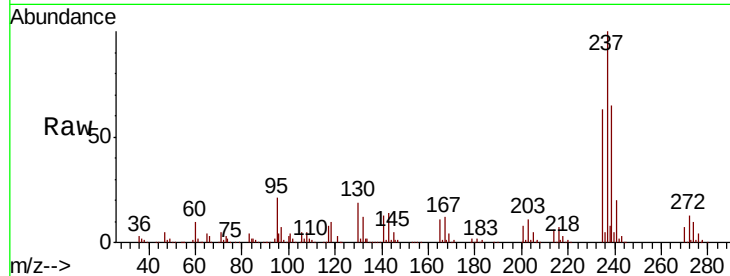




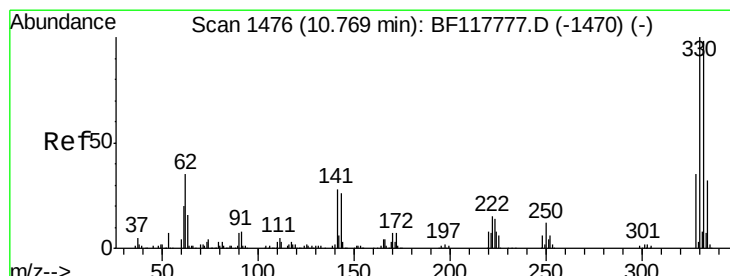
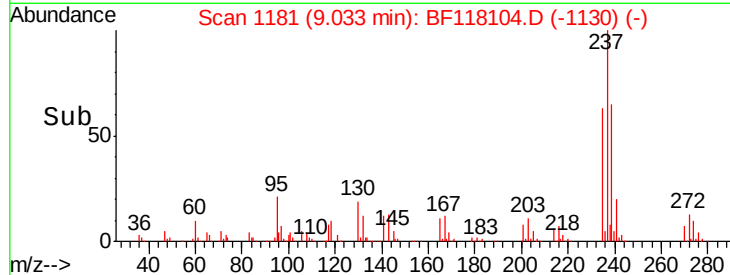
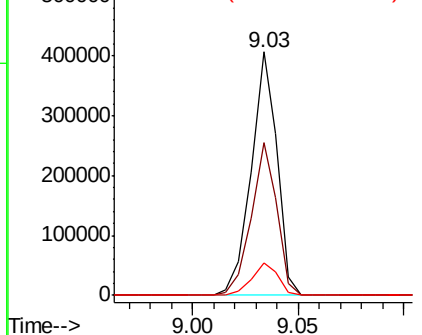
#41
Hexachlorocyclopentadiene
Concen: 67.752 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.7	83.7
272	13.2	0.0	32.7

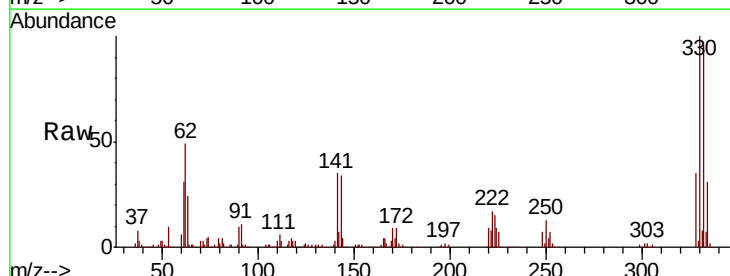


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

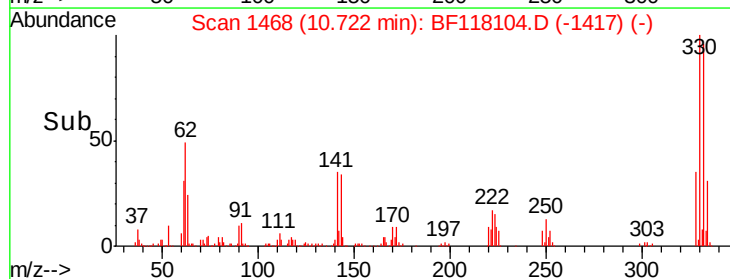
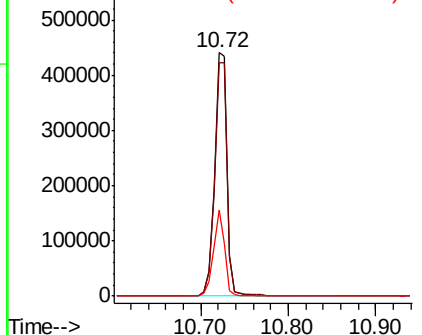


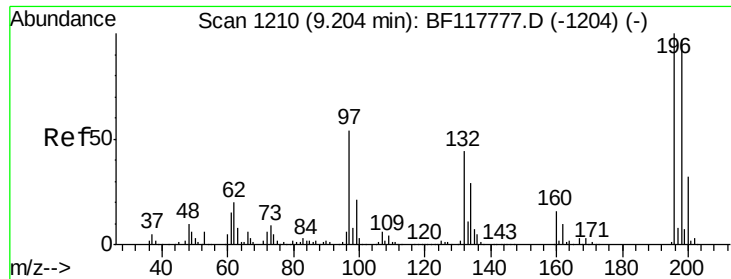
#42
2,4,6-Tribromophenol
Concen: 130.905 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.3	117.5
141	31.6	26.4	39.6



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

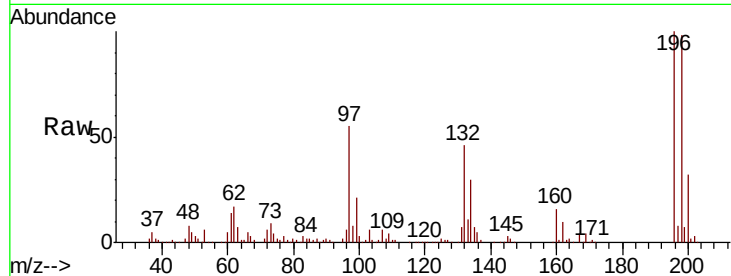




#43
 2,4,6-Trichlorophenol
 Concen: 38.743 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	252299
Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.9	115.3
200	32.0	24.2	36.4

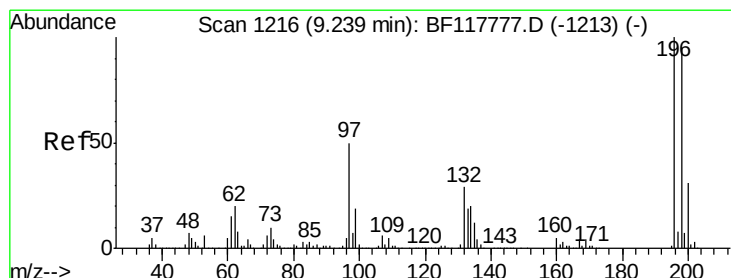
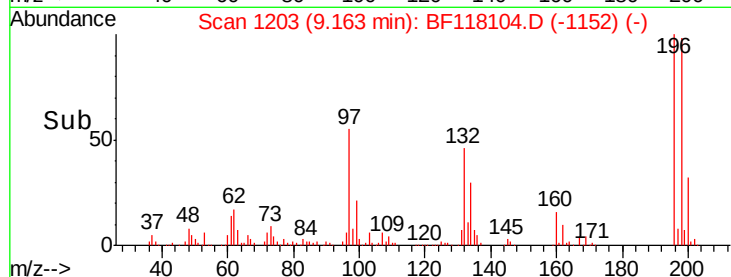
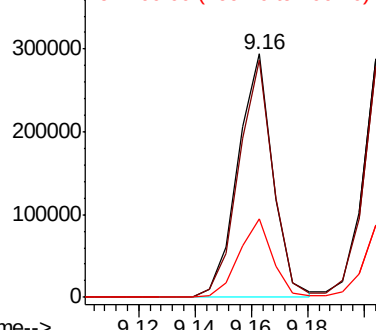


Abundance

Ion 196.00 (195.70 to 196.70): E

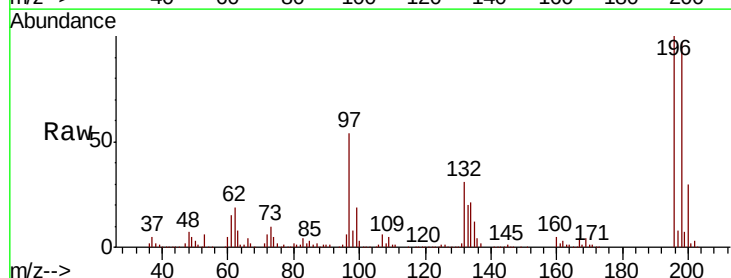
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.569 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	196	Resp	287823
Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.1	117.1
97	53.7	37.4	56.2
132	31.3	22.7	34.1



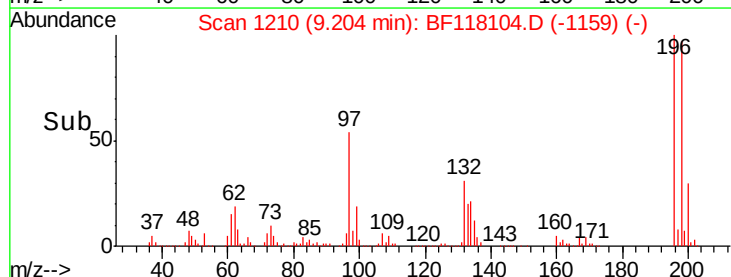
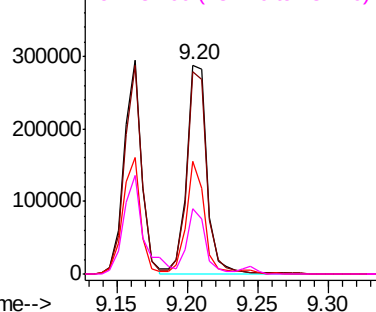
Abundance

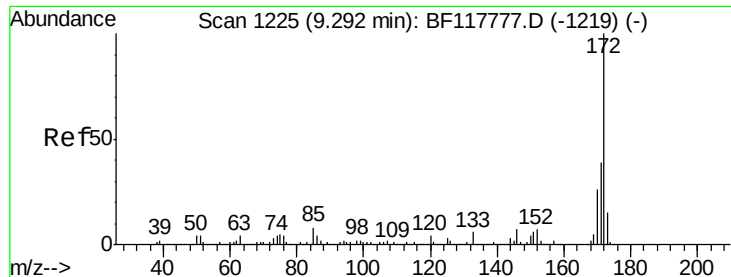
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

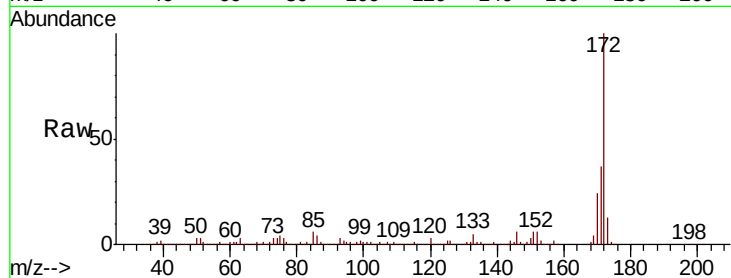




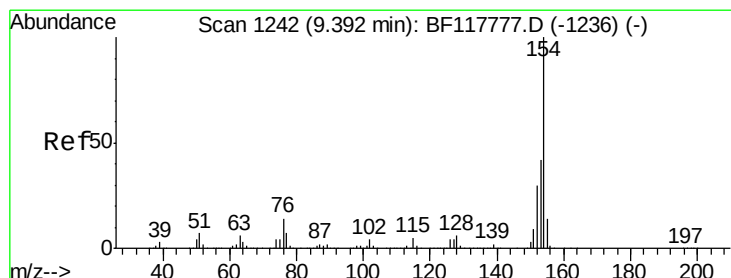
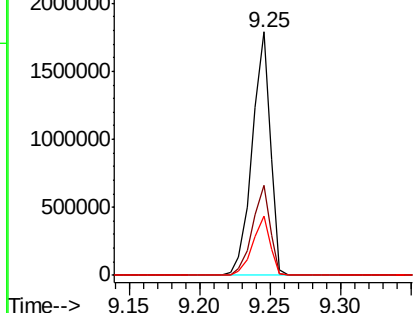
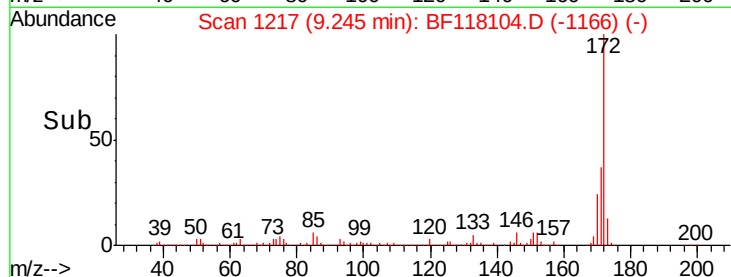
#45
2-Fluorobiphenyl
Concen: 92.710 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1617827
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.4 19.3 28.9

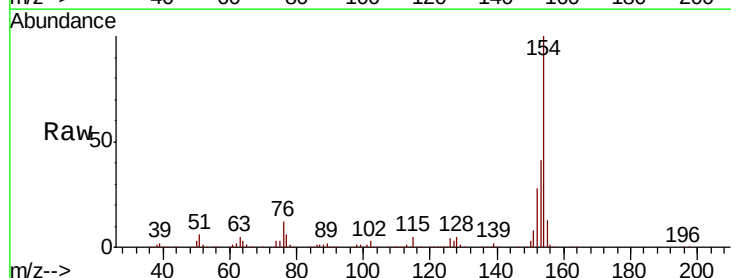


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

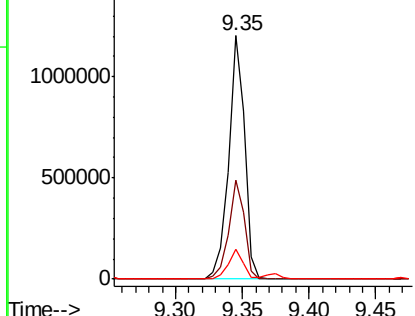
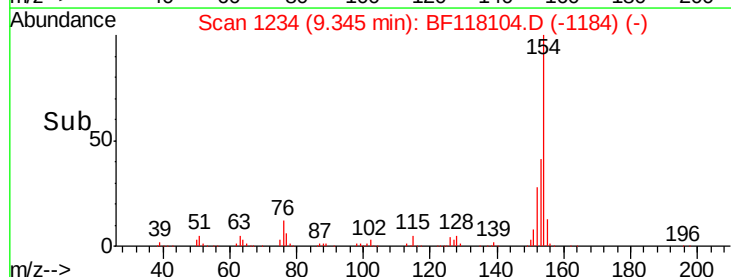


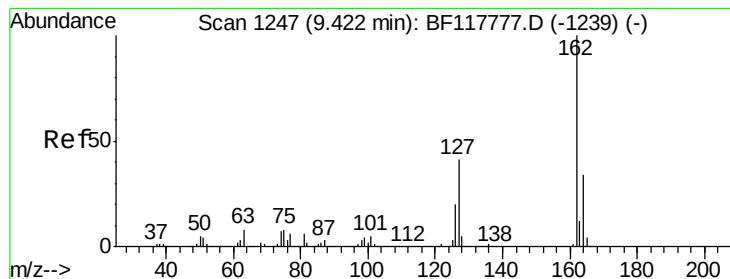
#46
1,1'-Biphenyl
Concen: 43.579 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:154 Resp: 1012189
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 12.1 0.0 30.8



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





#47

2-Chloronaphthalene

Concen: 41.383 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

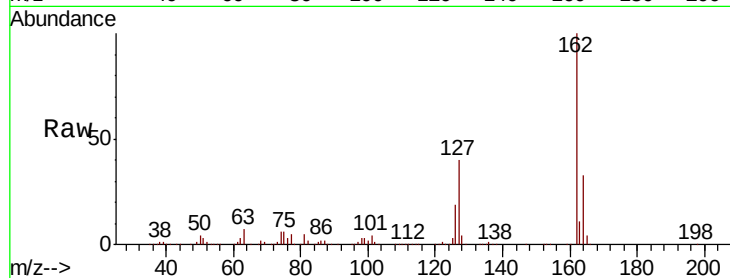
Tot Ion:162 Resp: 790718

Ion Ratio Lower Upper

162 100

127 39.8 34.6 52.0

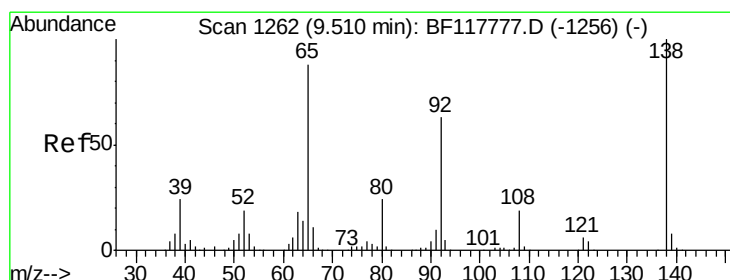
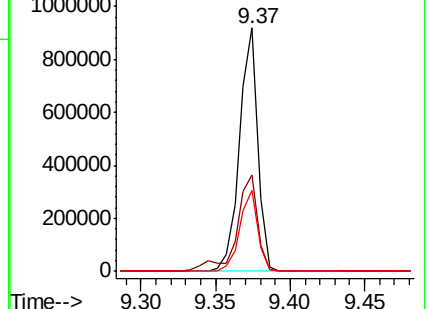
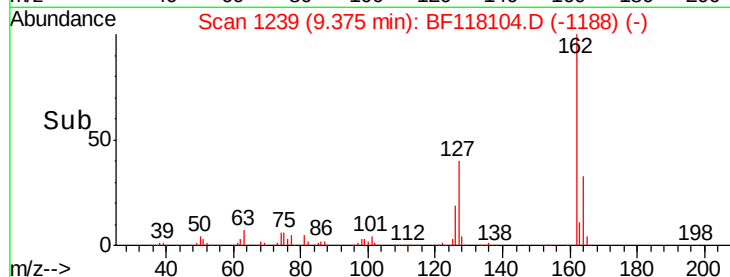
164 33.3 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.331 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

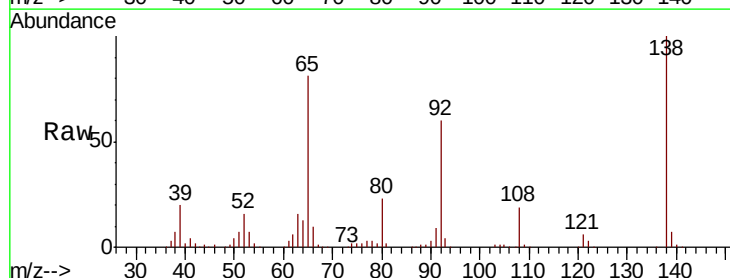
Tgt Ion: 65 Resp: 232653

Ion Ratio Lower Upper

65 100

92 73.6 57.9 86.9

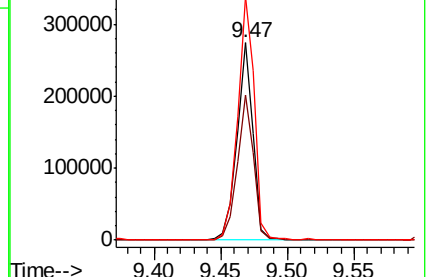
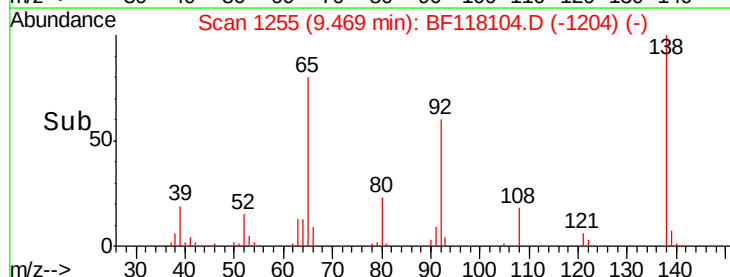
138 123.6 96.2 144.2

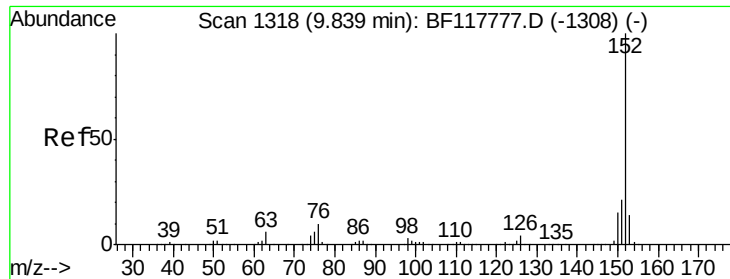


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.964 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

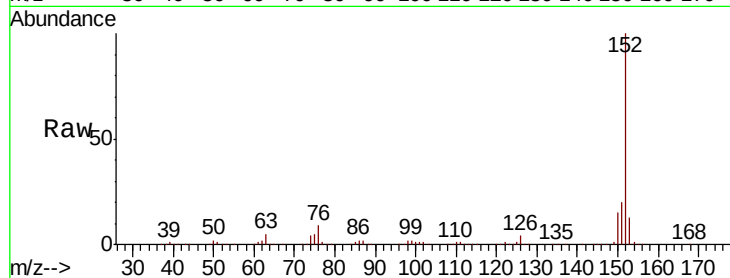
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1057588

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1
153	13.2	11.1	16.7

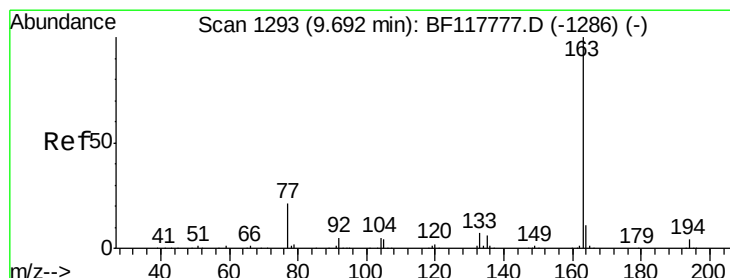
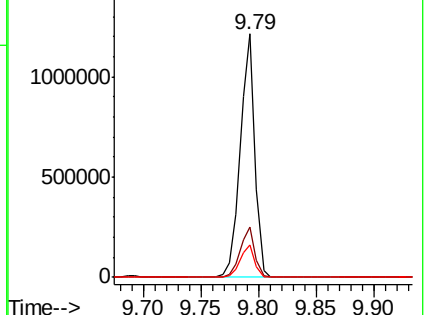
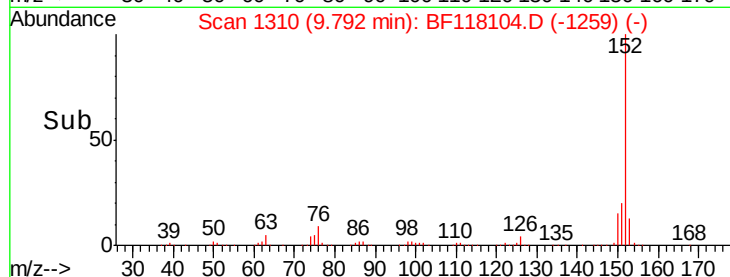


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.503 ng

RT: 9.65 min Scan# 1285

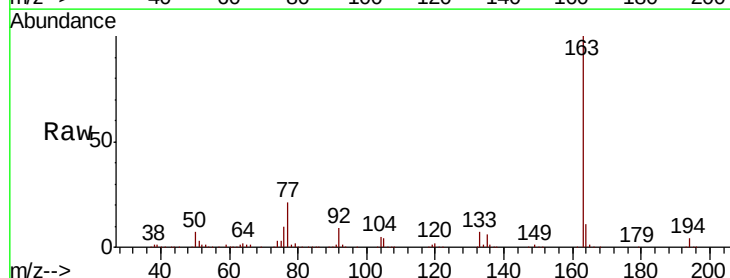
Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Tgt Ion:163 Resp: 955046

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.6	7.9	11.9

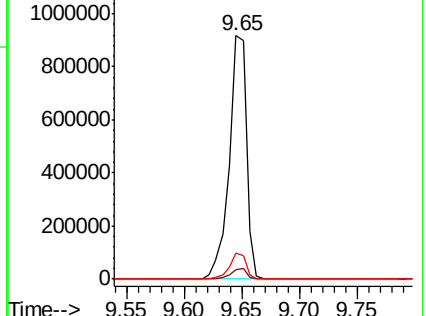
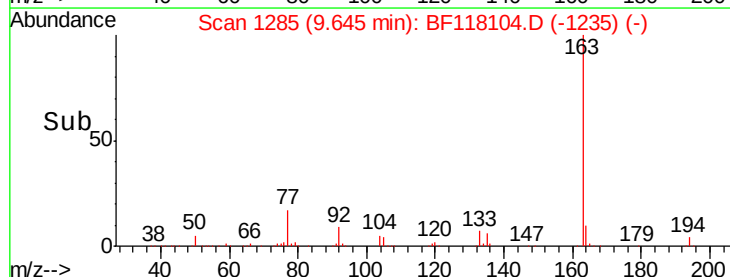


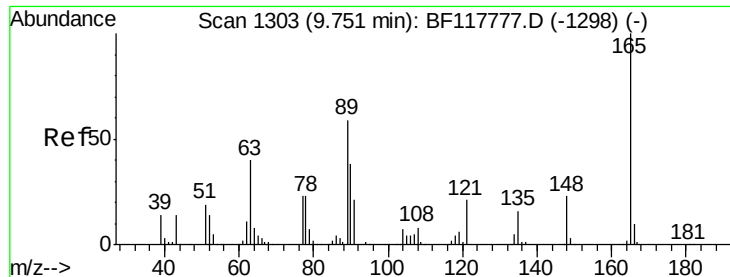
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.047 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampled :

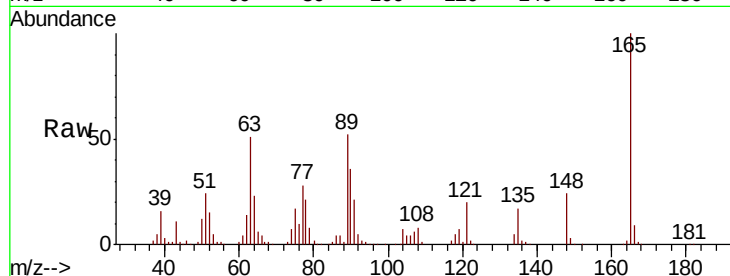
Tot Ion:165 Resp: 182551

Ion Ratio Lower Upper

165 100

63 51.1 43.9 65.9

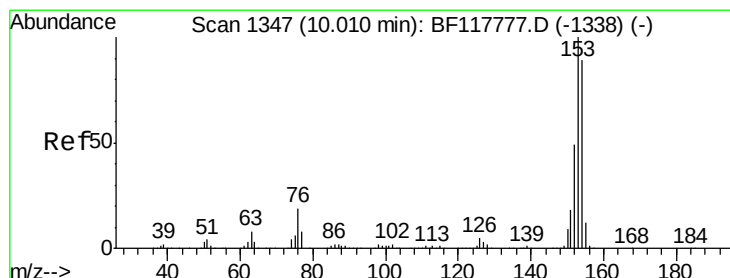
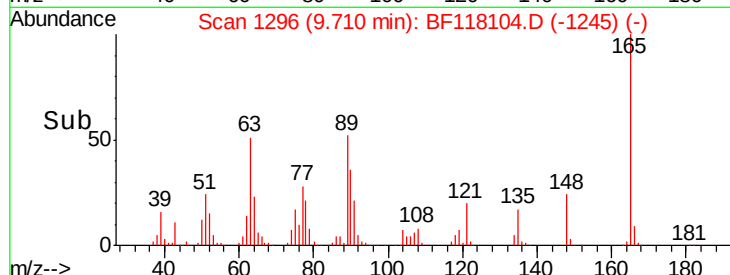
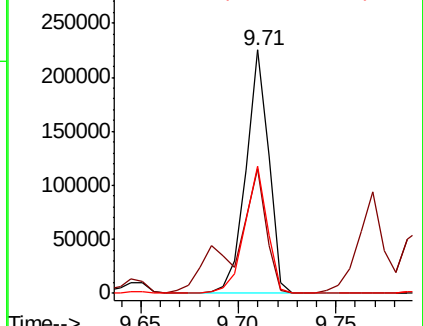
89 52.1 45.5 68.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.216 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

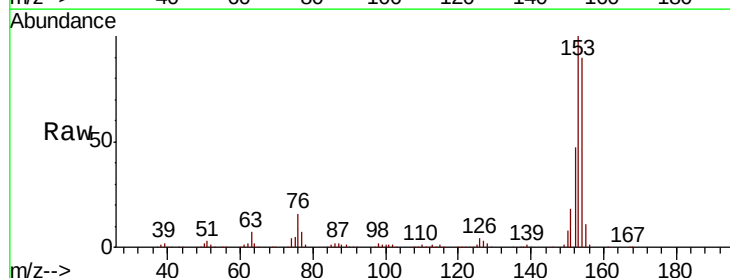
Tgt Ion:154 Resp: 610603

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

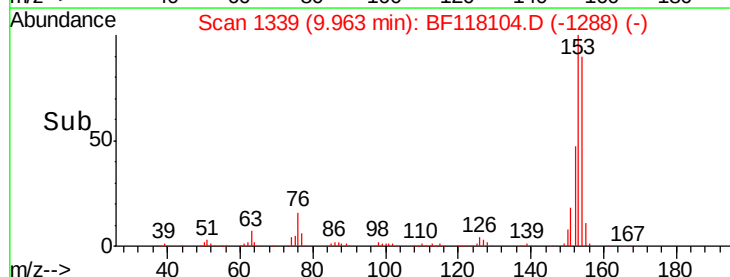
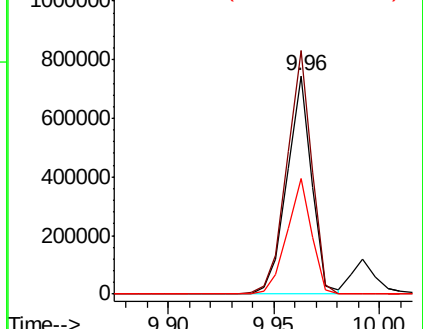
152 52.9 43.6 65.4

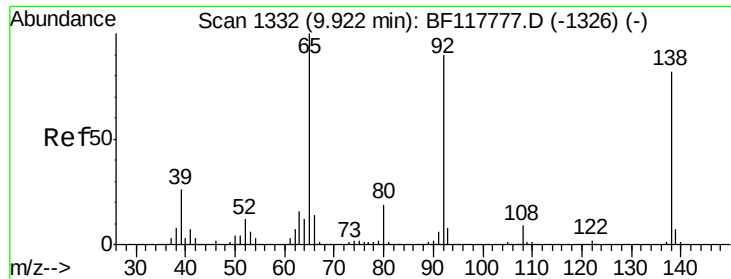


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

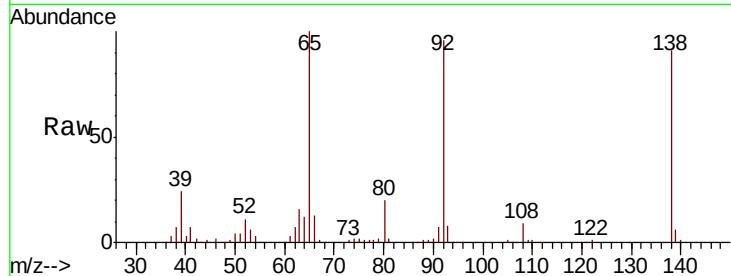




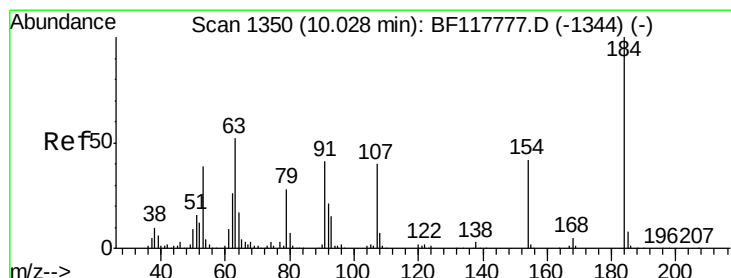
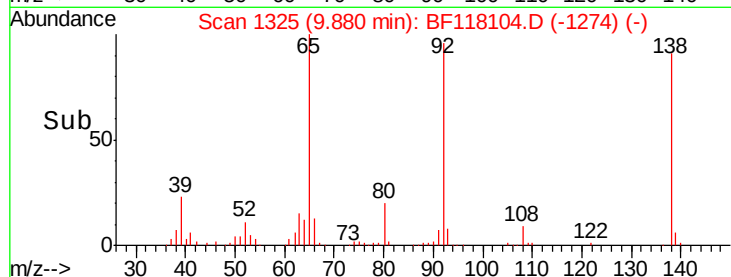
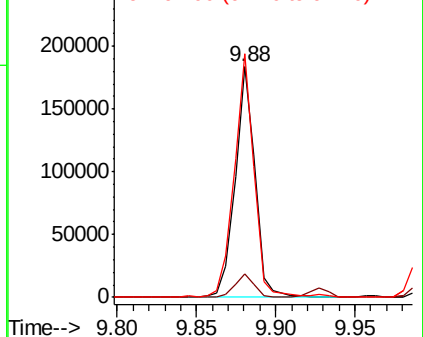
#53
 3-Nitroaniline
 Concen: 27.703 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 159048
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.7 13.1
 92 105.5 87.4 131.0

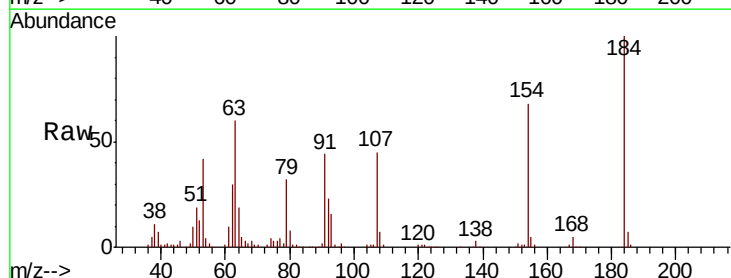


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

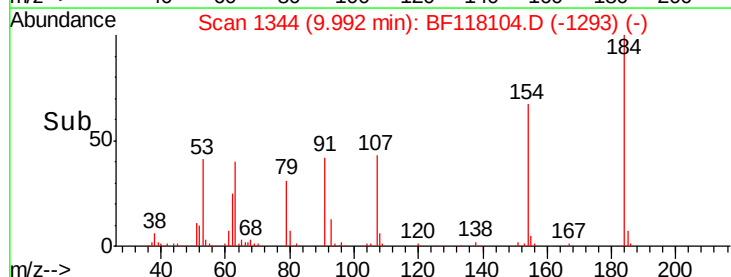
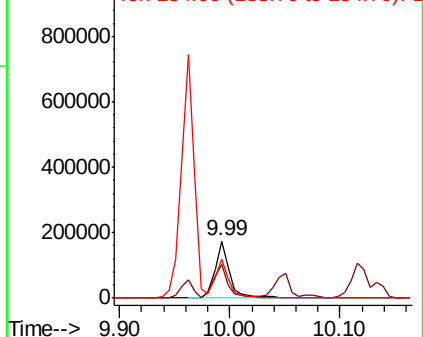


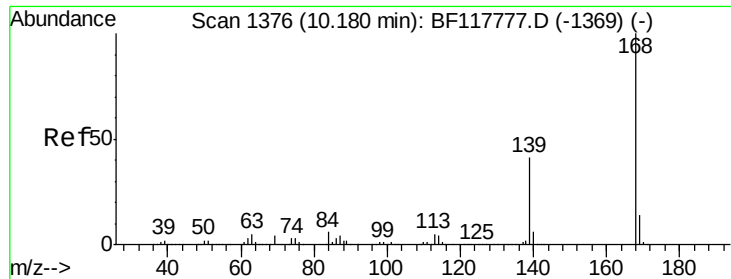
#54
 2,4-Dinitrophenol
 Concen: 65.554 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:184 Resp: 158076
 Ion Ratio Lower Upper
 184 100
 63 59.7 45.3 67.9
 154 67.7 51.6 77.4



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

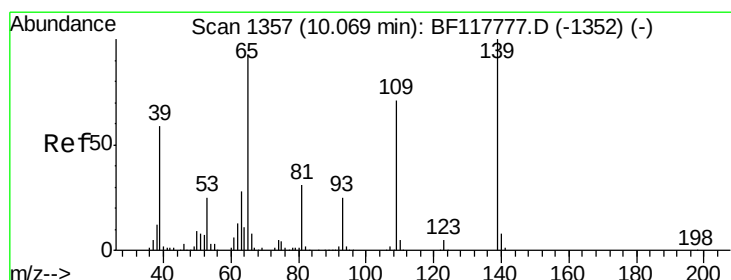
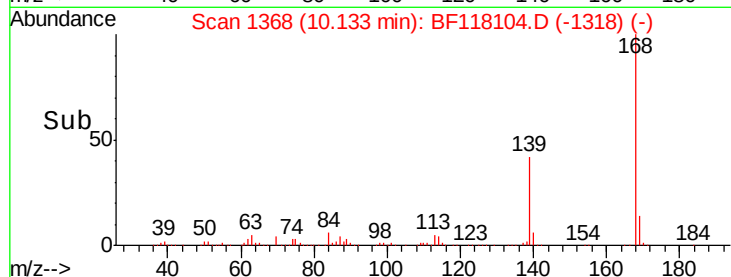
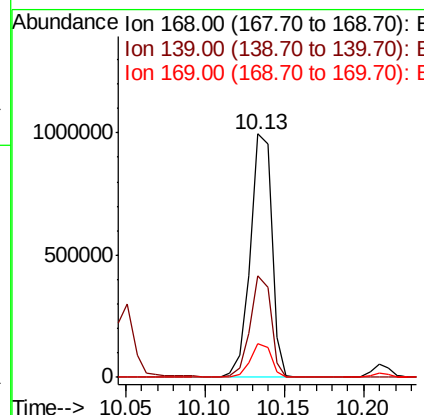
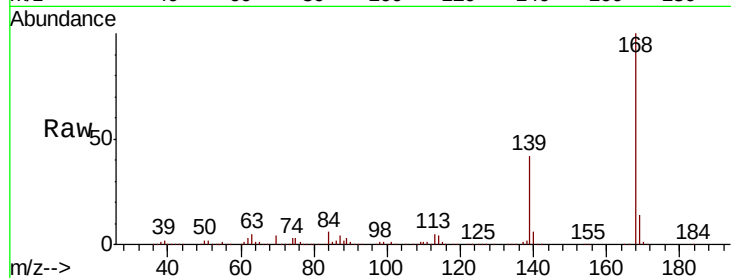




#55
Dibenzofuran
Concen: 37.907 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

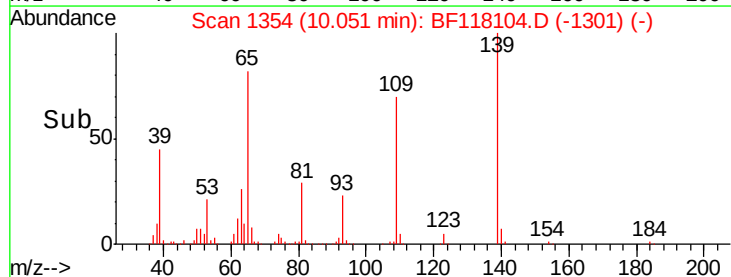
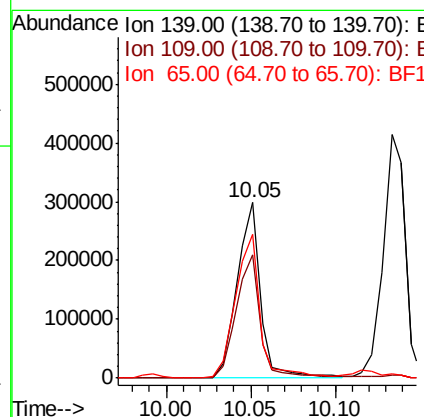
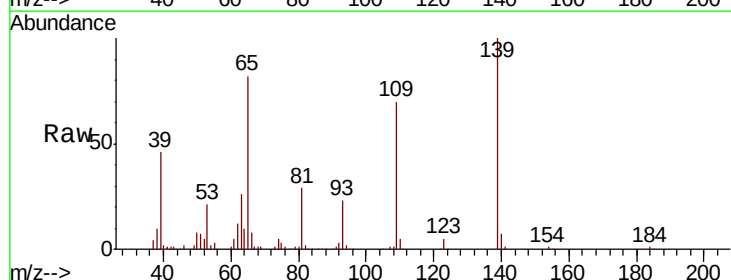
Instrument :
BNA_F
ClientSampleId :

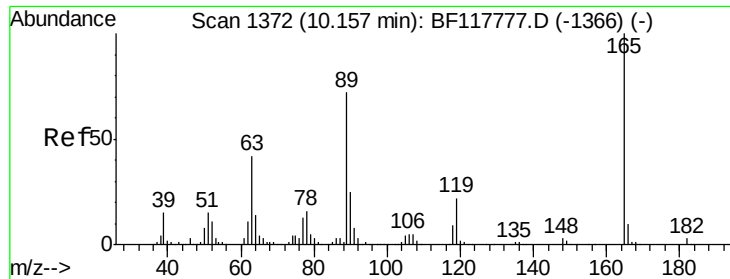
Tot Ion:168 Resp: 936747
Ion Ratio Lower Upper
168 100
139 41.6 32.5 48.7
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 67.234 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:139 Resp: 288127
Ion Ratio Lower Upper
139 100
109 70.3 55.2 95.2
65 82.0 68.7 108.7

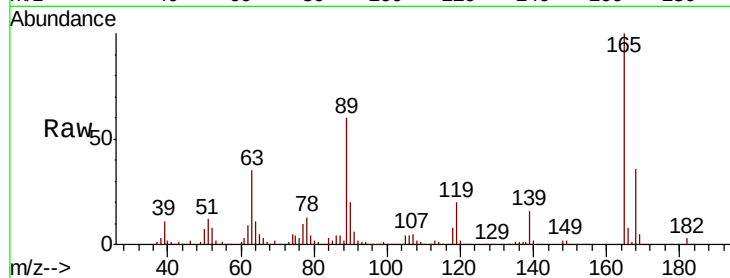




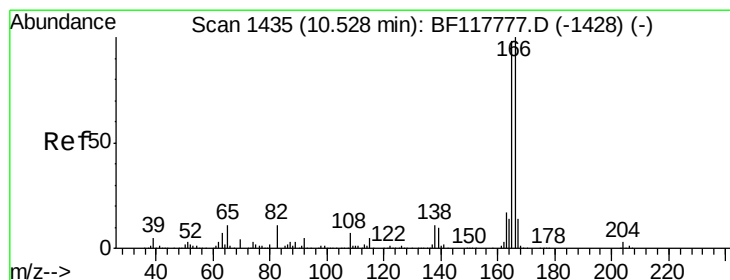
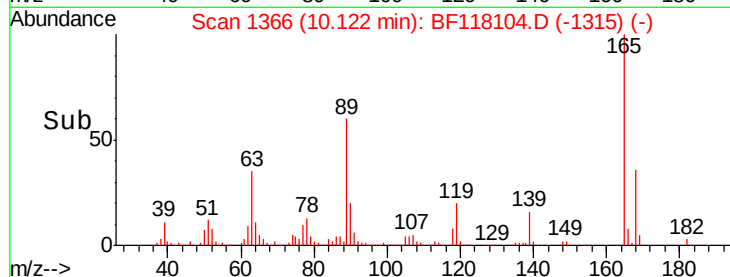
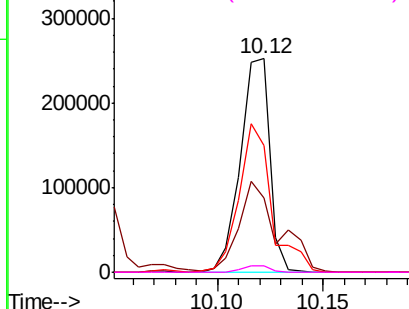
#57
2,4-Dinitrotoluene
Concen: 40.006 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	26.5	39.7
89	59.6	47.2	70.8
182	3.0	2.3	3.5

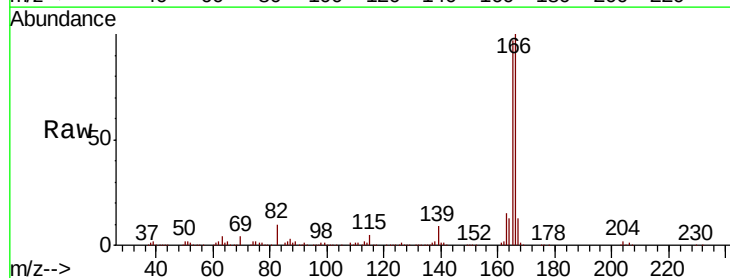


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

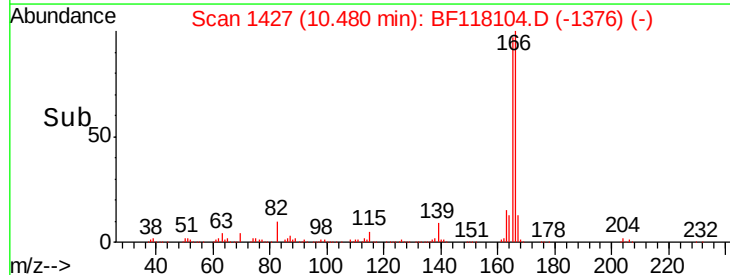
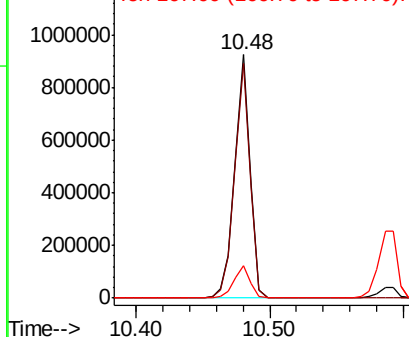


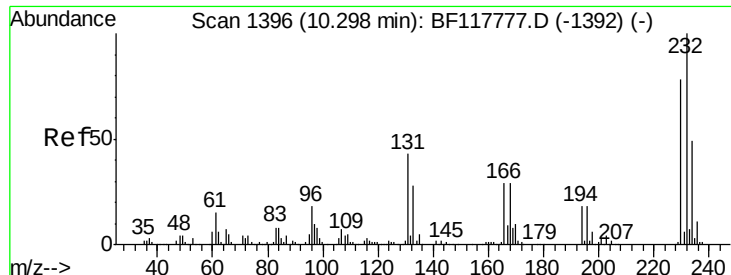
#58
Fluorene
Concen: 39.487 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.2
167	13.3	10.7	16.1



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

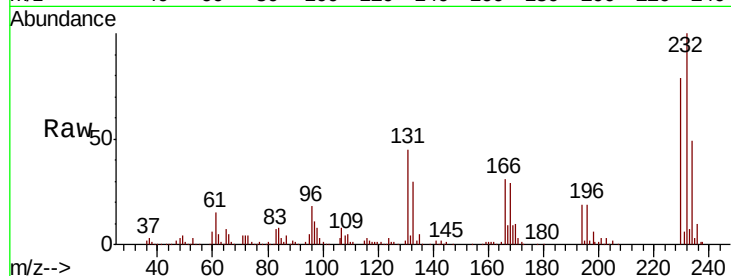




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.811 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	38.8	58.2
130	2.3	1.9	2.9
166	31.4	25.9	38.9



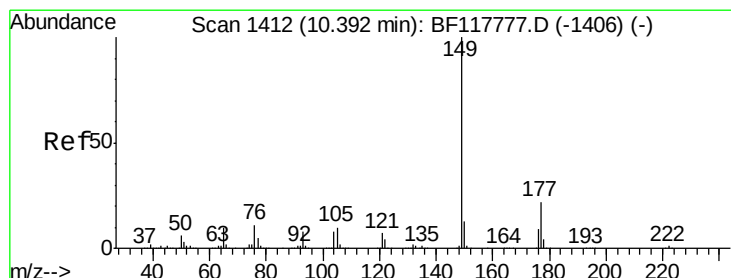
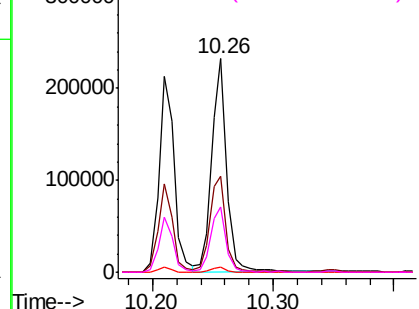
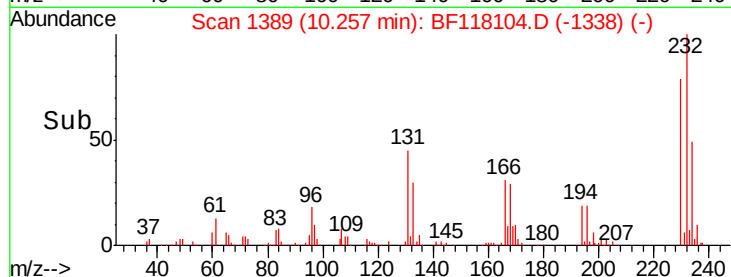
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

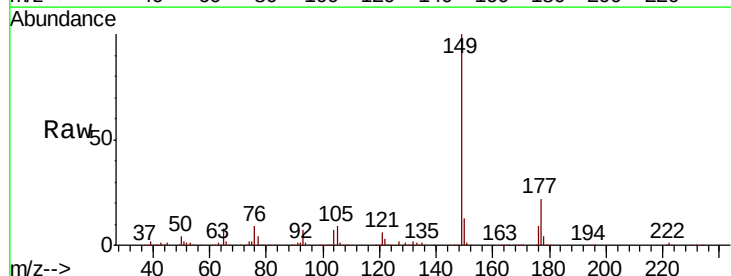
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.821 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.5	9.8	14.8

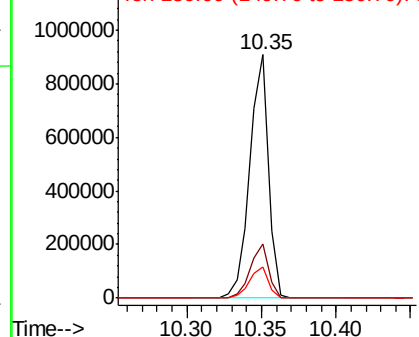
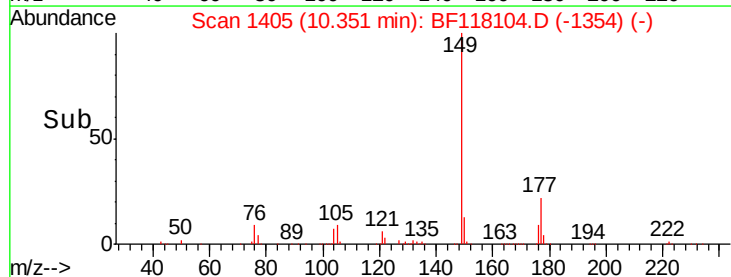


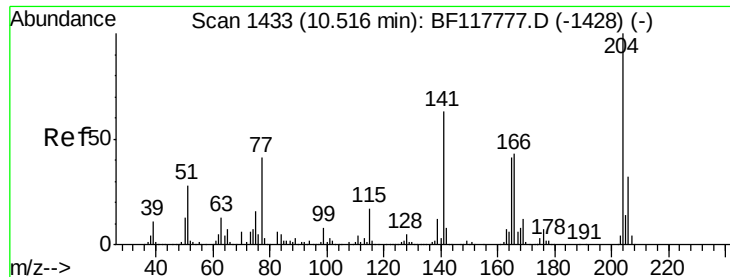
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

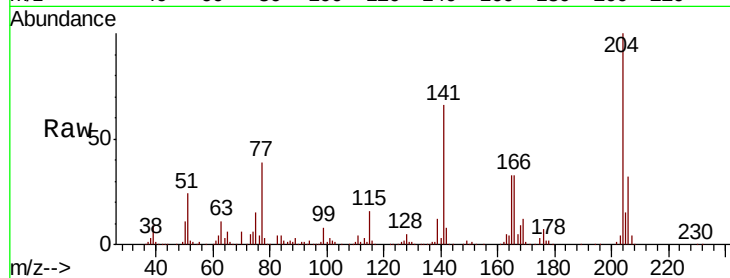




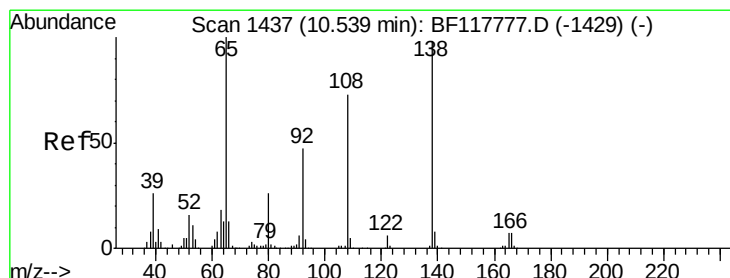
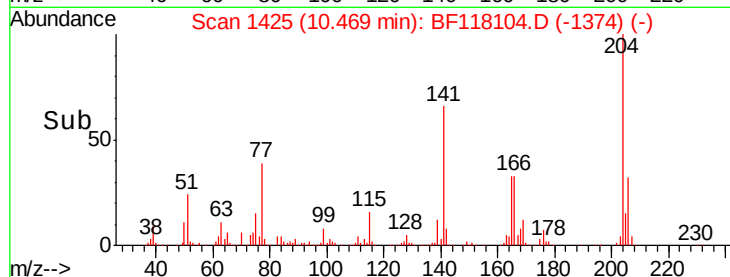
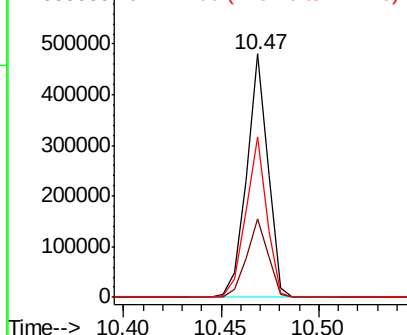
#61
4-Chlorophenyl-phenylether
Concen: 37.281 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 362306
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 65.7 55.1 82.7

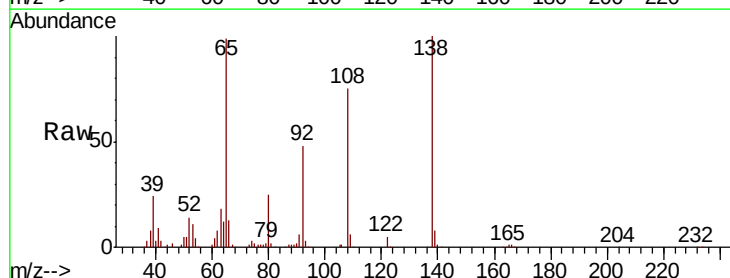


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

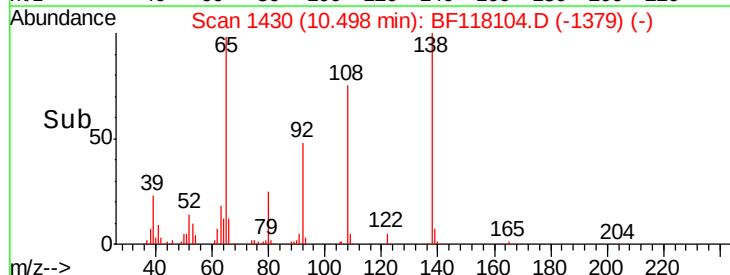
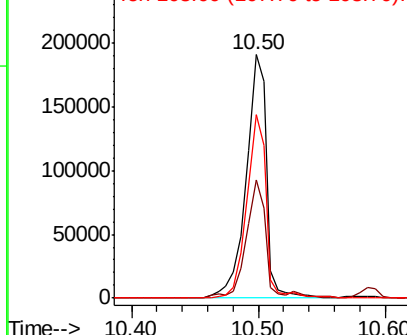


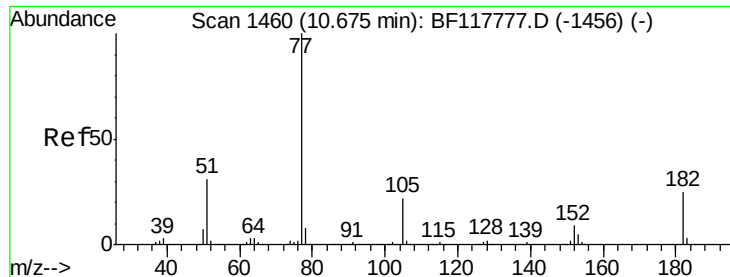
#62
4-Nitroaniline
Concen: 37.254 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:138 Resp: 214151
Ion Ratio Lower Upper
138 100
92 48.4 27.5 67.5
108 75.5 57.9 97.9



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





#63

Azobenzene

Concen: 35.887 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

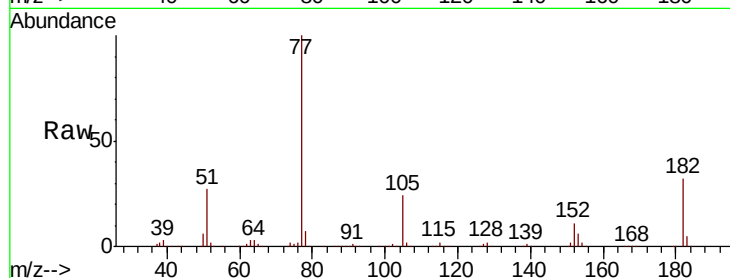
Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 698793

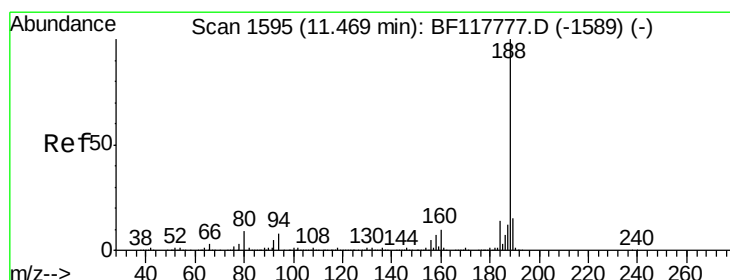
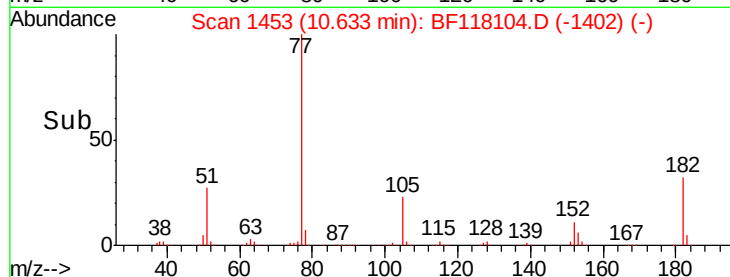
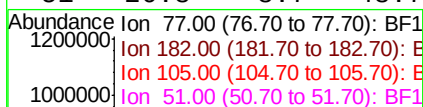
Ion Ratio Lower Upper

77 100

182 32.0 8.2 48.2

105 23.9 2.1 42.1

51 26.8 8.7 48.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

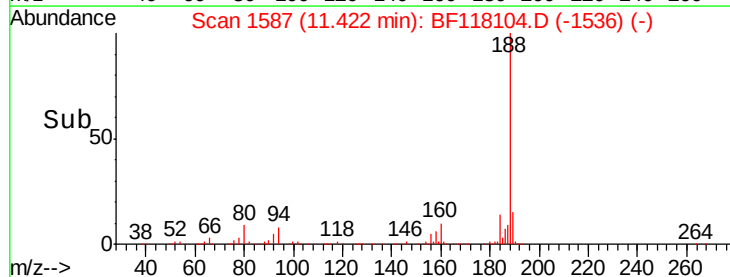
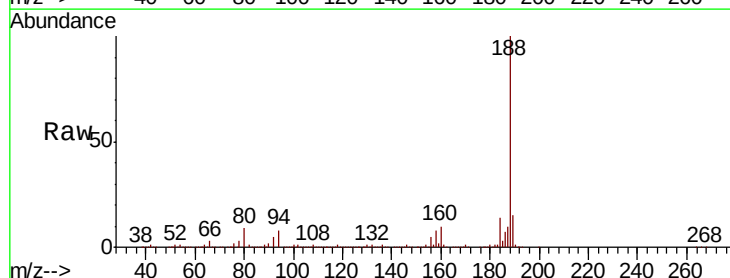
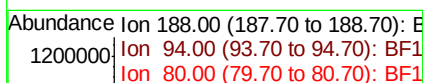
Tgt Ion: 188 Resp: 761661

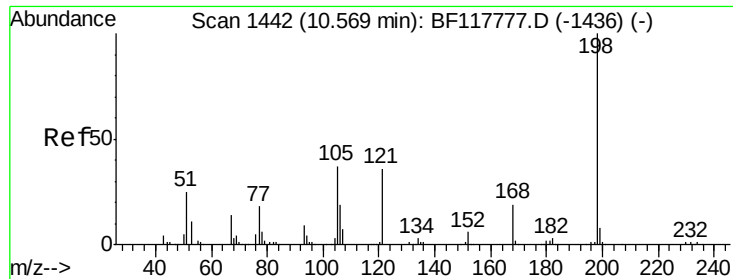
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 8.9 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 33.631 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampled :

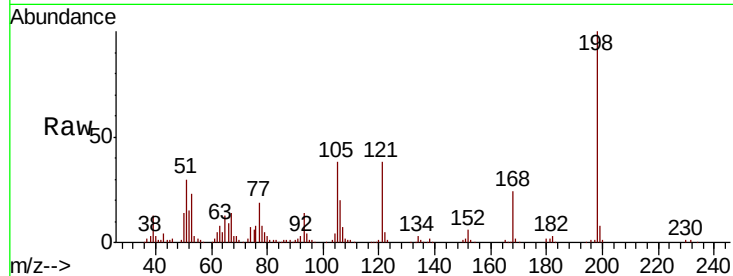
Tot Ion:198 Resp: 119581

Ion Ratio Lower Upper

198 100

51 30.1 12.6 52.6

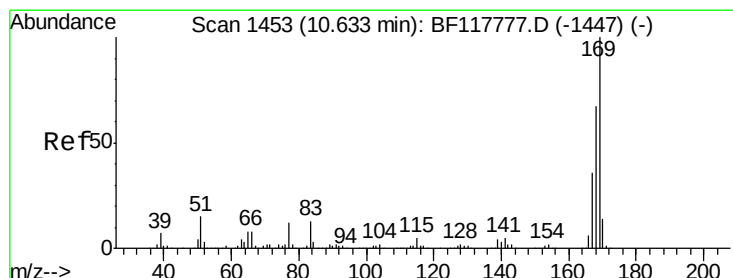
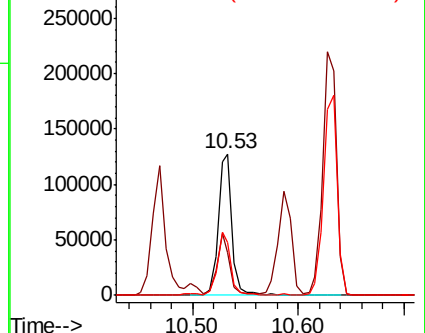
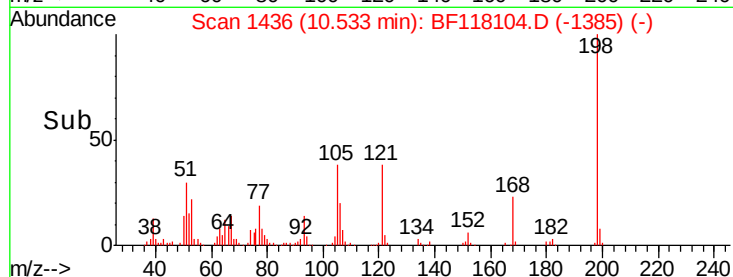
105 37.7 17.0 57.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 30.976 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

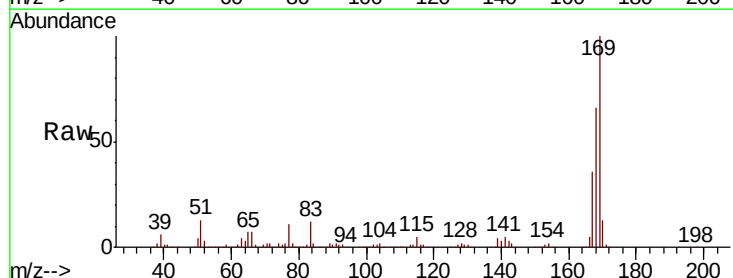
Tgt Ion:169 Resp: 686628

Ion Ratio Lower Upper

169 100

168 65.6 52.5 78.7

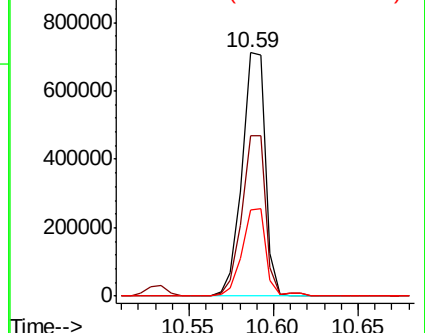
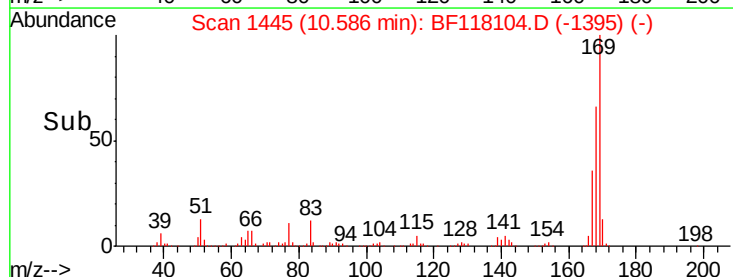
167 35.6 28.4 42.6

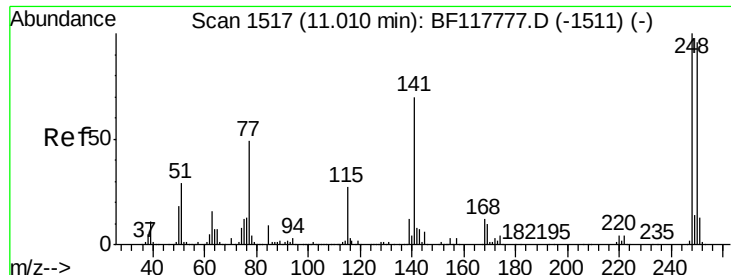


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

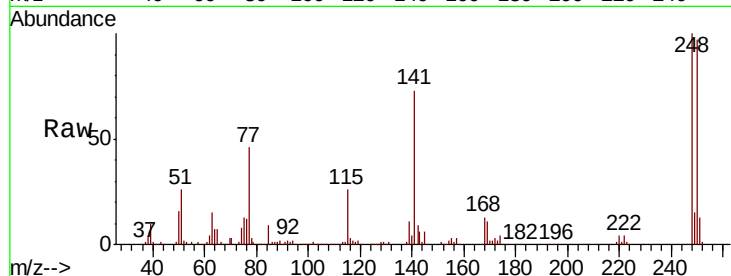




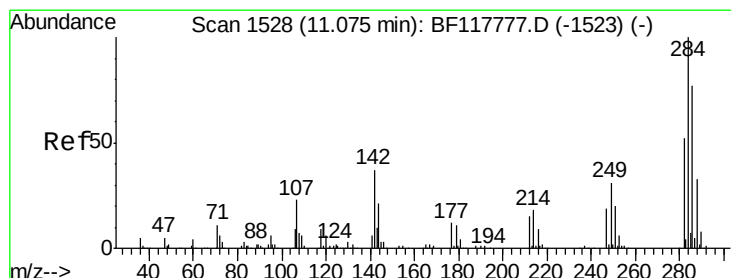
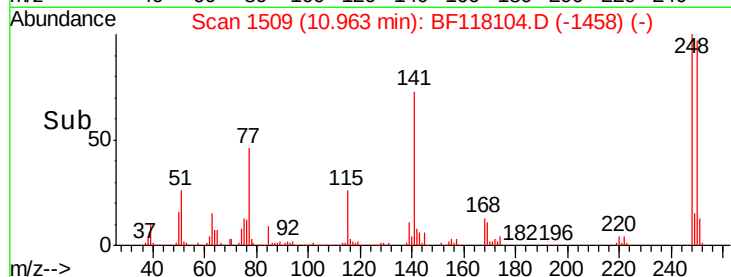
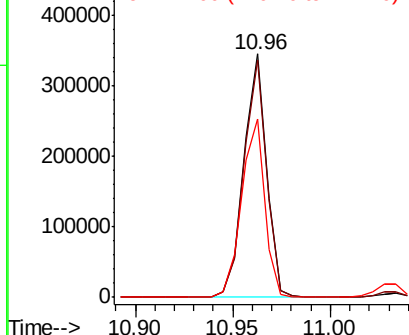
#67
4-Bromophenyl-phenylether
Concen: 34.062 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 279933
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 73.4 64.0 96.0

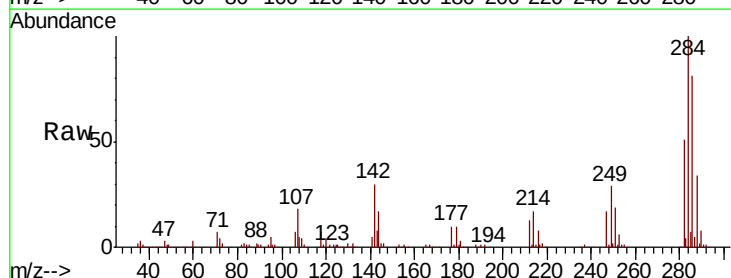


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

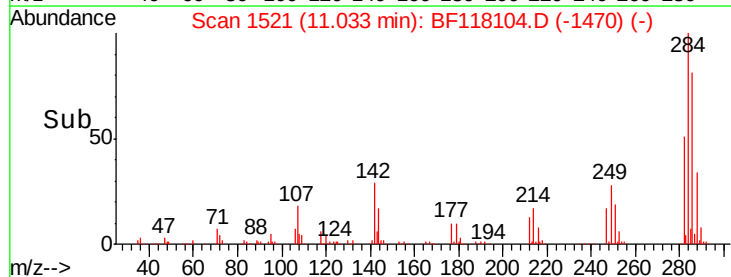
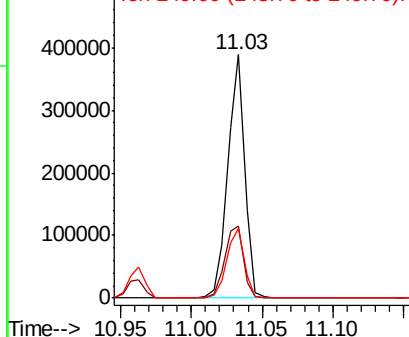


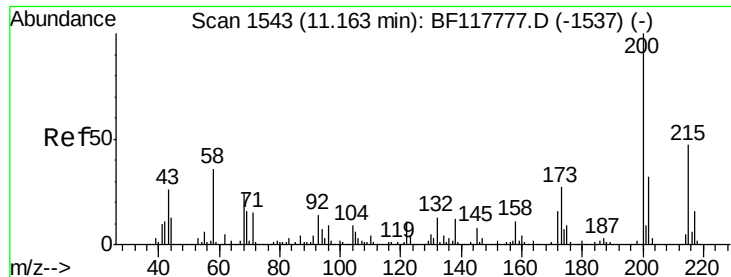
#68
Hexachlorobenzene
Concen: 33.836 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:284 Resp: 324245
Ion Ratio Lower Upper
284 100
142 29.8 27.3 40.9
249 28.8 24.8 37.2



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





#69

Atrazine

Concen: 26.281 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

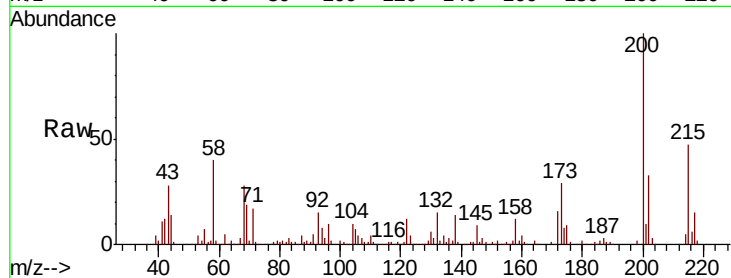
Tot Ion:200 Resp: 191634

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

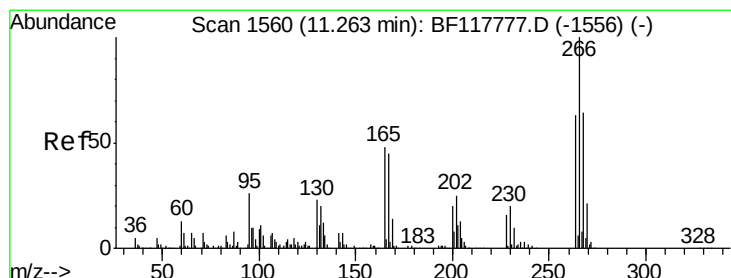
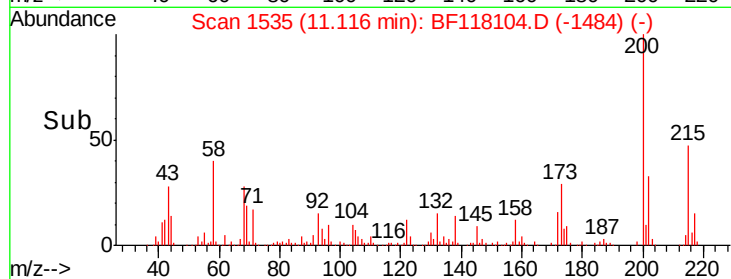
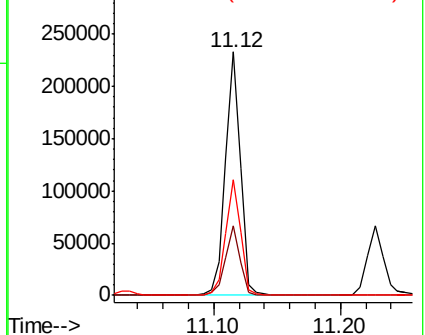
215 47.3 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.991 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

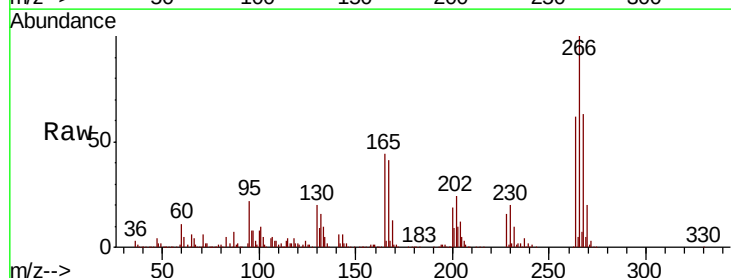
Tgt Ion:266 Resp: 341467

Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

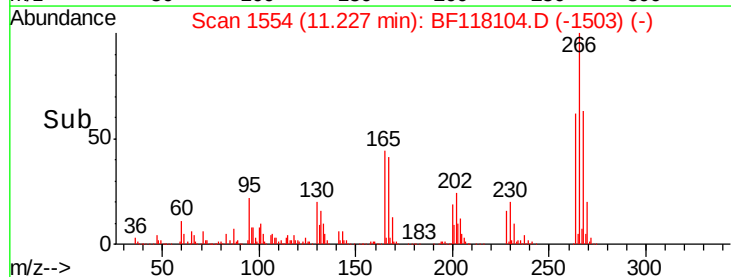
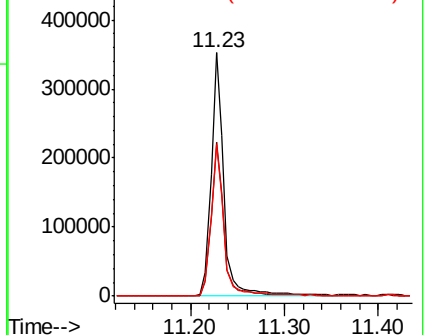
264 62.3 50.3 75.5

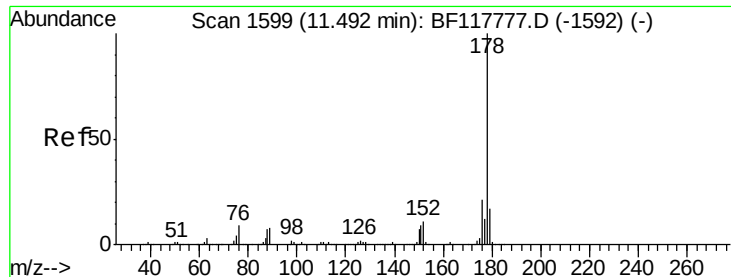


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.740 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

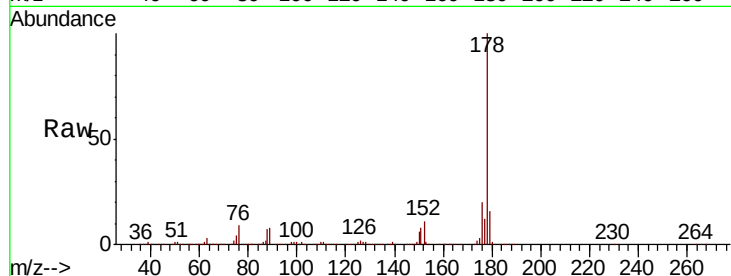
Tot Ion:178 Resp: 1406933

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

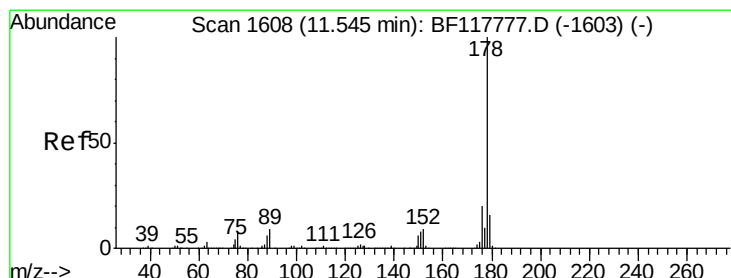
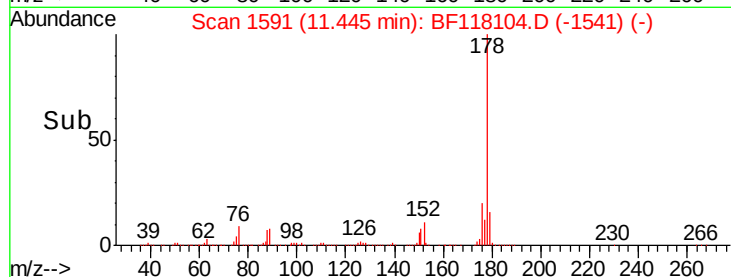
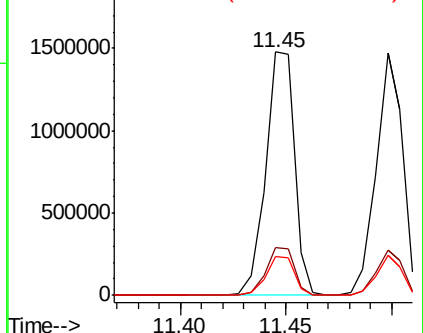
179 16.1 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.113 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

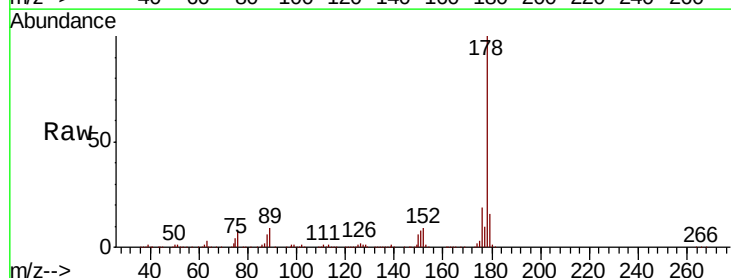
Tgt Ion:178 Resp: 1295179

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

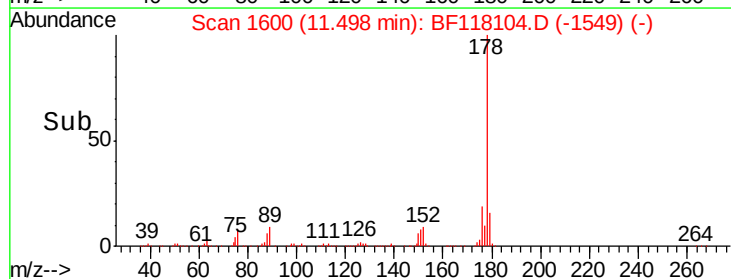
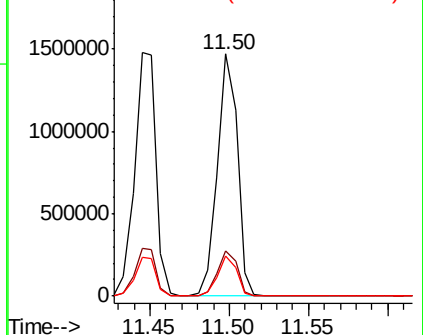
179 16.3 12.8 19.2

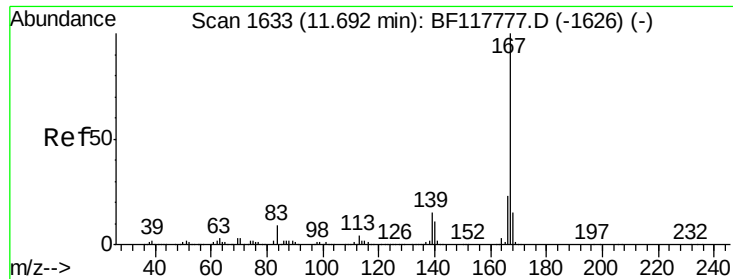


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

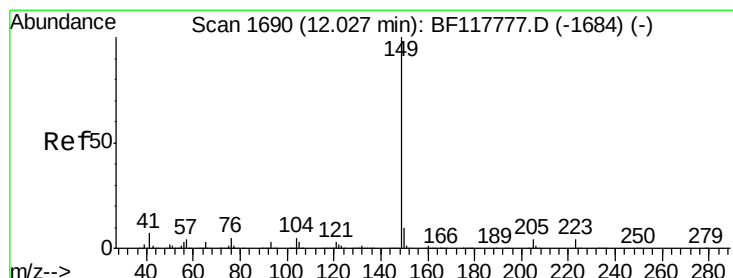
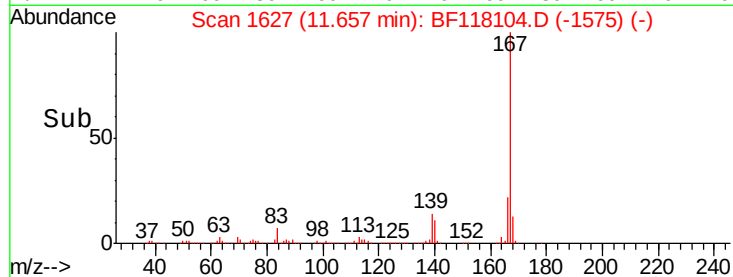
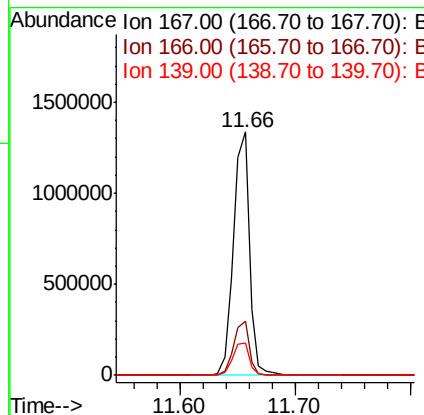
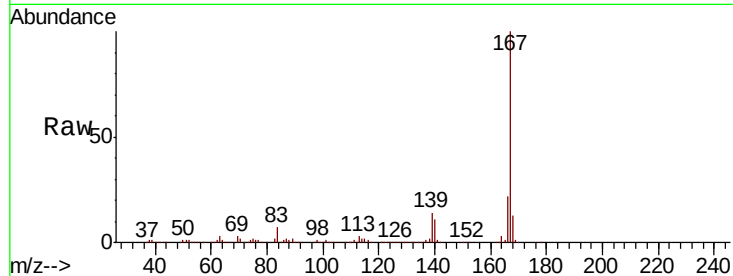




#73
 Carbazole
 Concen: 38.936 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

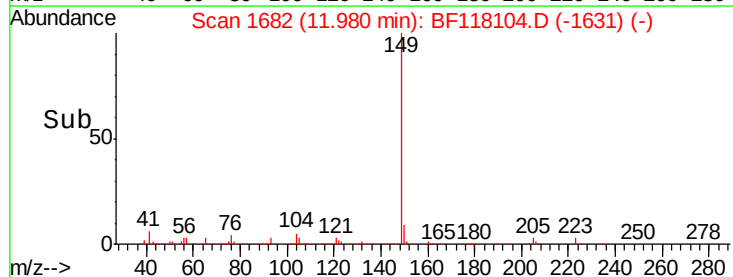
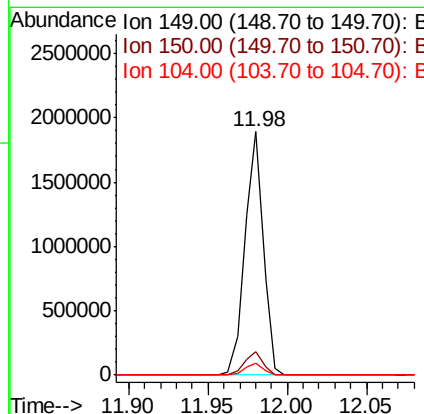
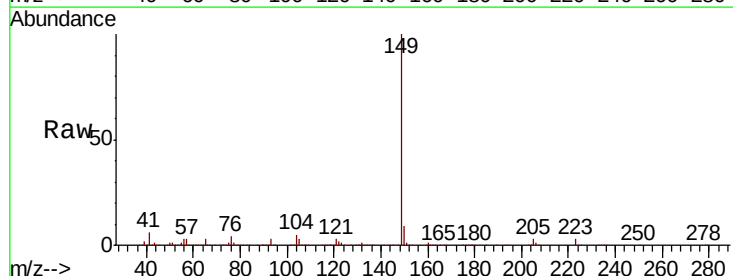
Instrument :
 BNA_F
 ClientSampleId :

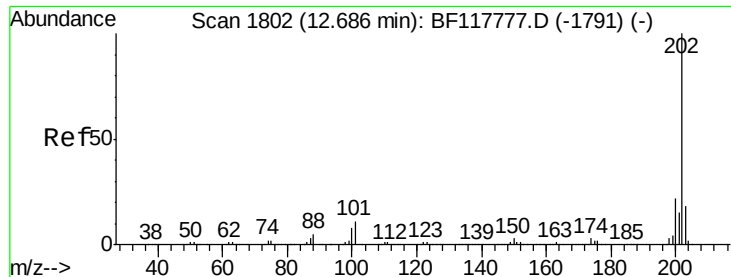
Tot Ion:167 Resp: 1291830
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.5 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 36.587 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:149 Resp: 1511367
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.9 4.2 6.4



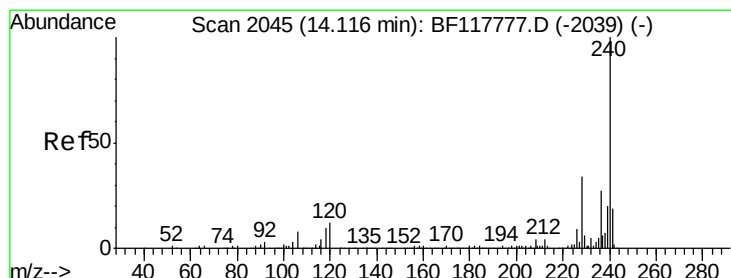
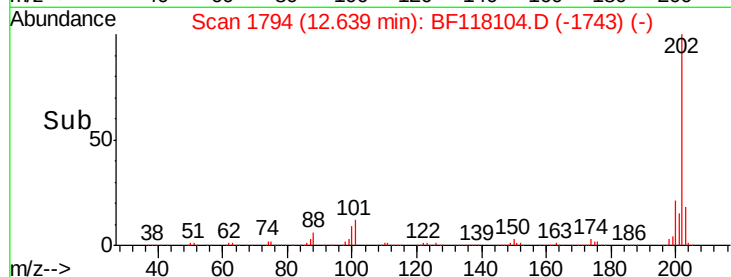
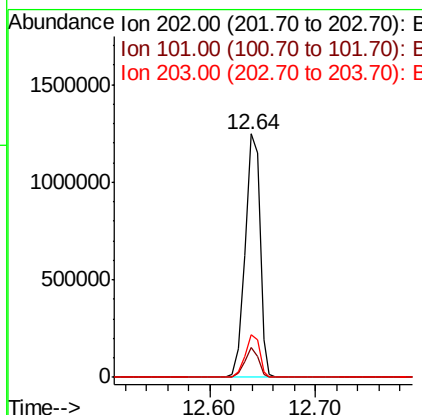
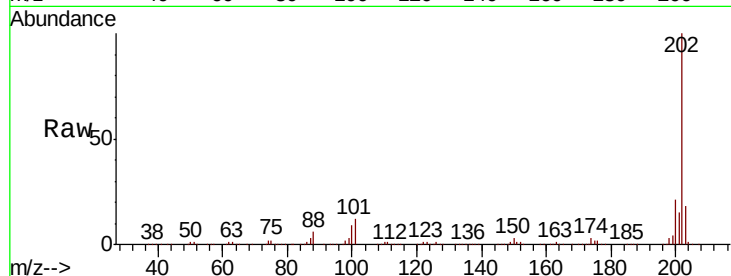


#75
 Fluoranthene
 Concen: 32.456 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1204939

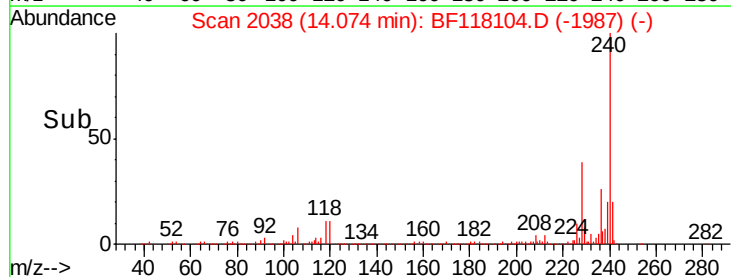
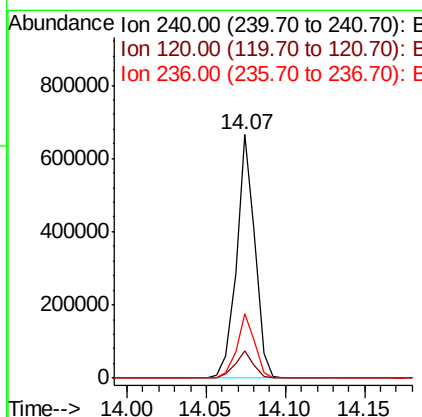
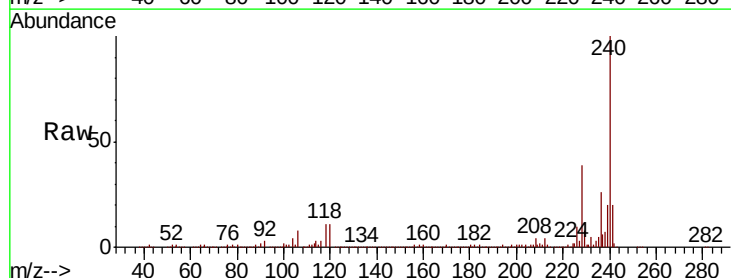
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.7	0.0	37.6

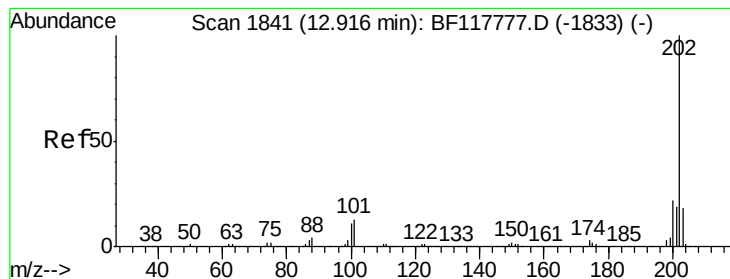


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:240 Resp: 530686

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.5	20.6	31.0





#78

Pvrene

Concen: 28.723 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

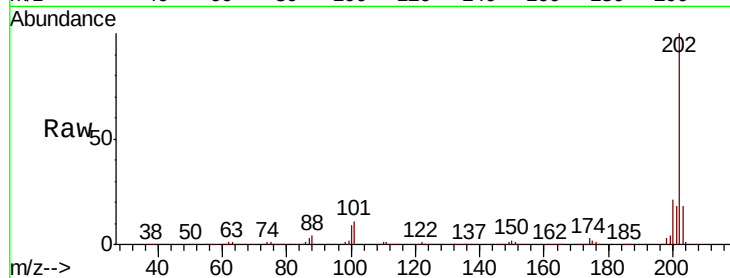
Tot Ion:202 Resp: 1231858

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.9	14.2	21.4

202 100

200 21.4 17.0 25.6

203 17.9 14.2 21.4

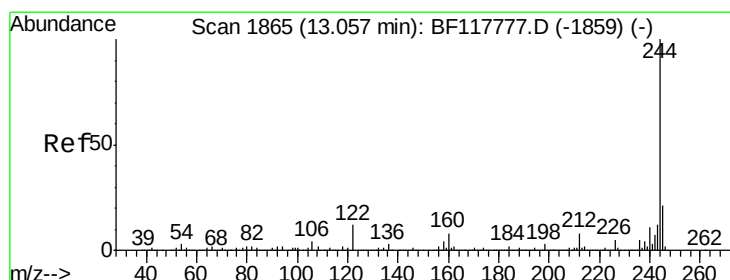
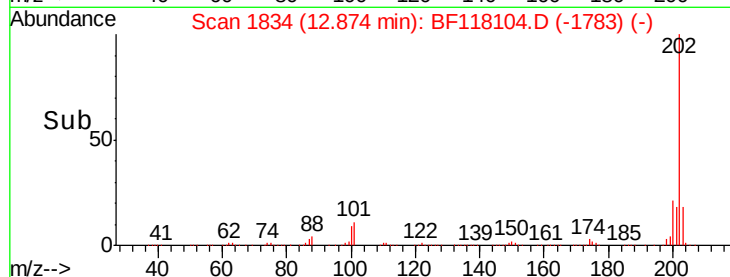
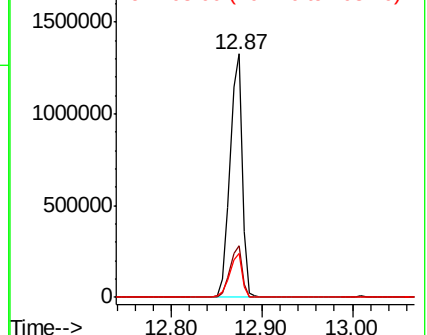


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 64.029 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

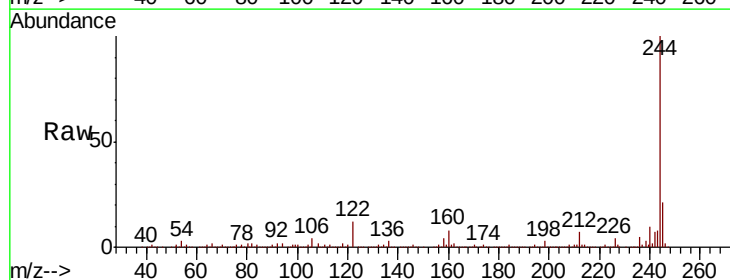
Tgt Ion:244 Resp: 1859225

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.2	7.8
122	12.2	7.2	10.8

244 100

212 7.3 5.2 7.8

122 12.2 7.2 10.8

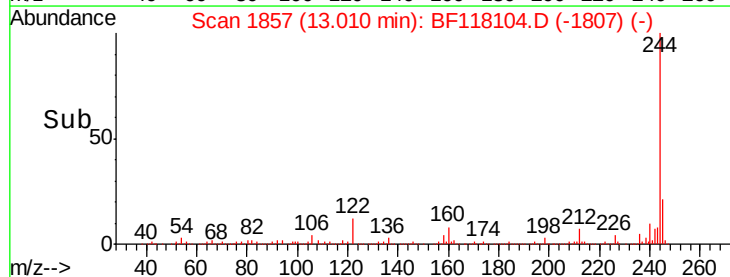
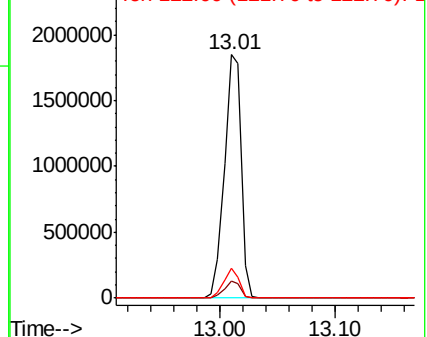


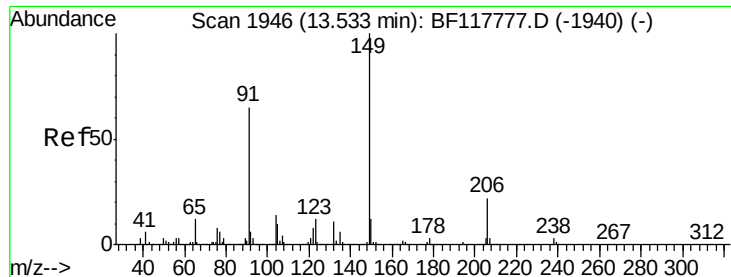
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

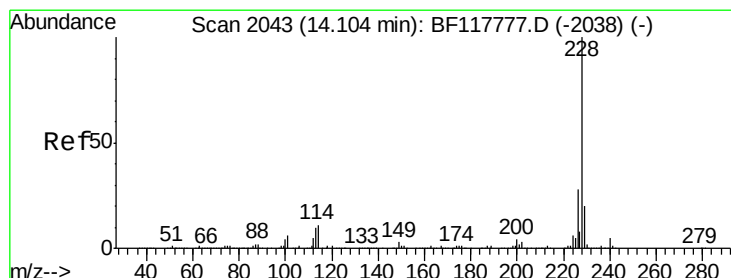
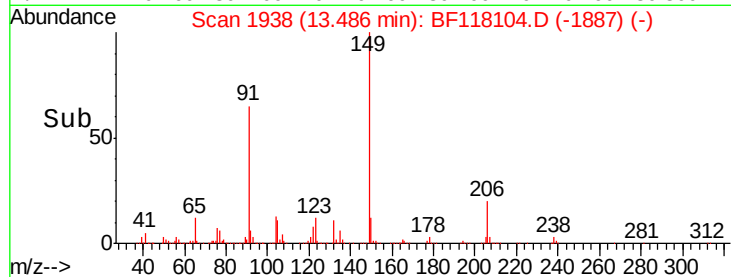
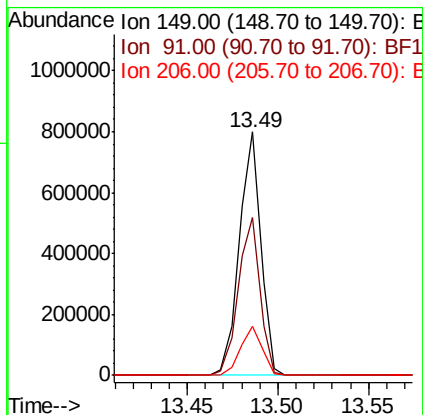
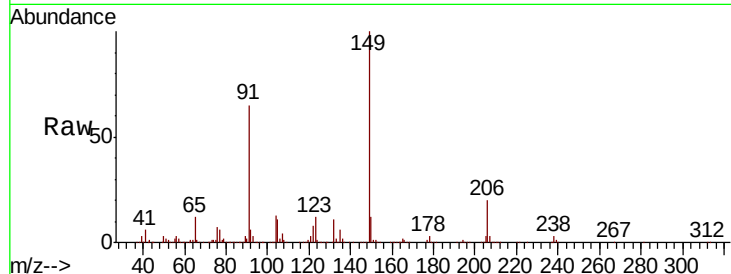




#80
Butylbenzylphthalate
Concen: 35.785 ng
RT: 13.49 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

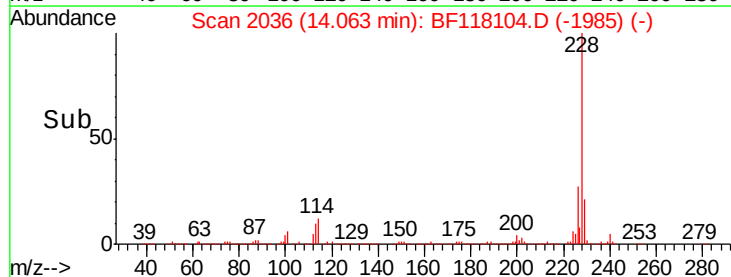
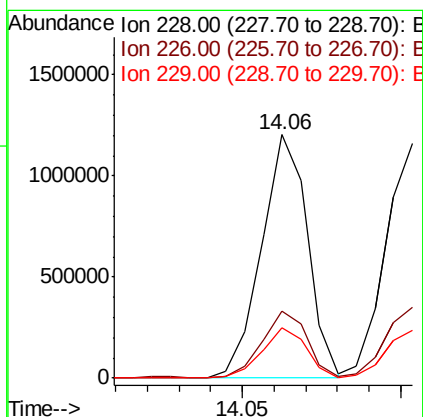
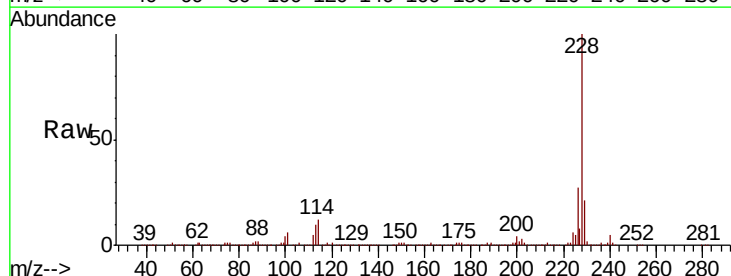
Instrument :
BNA_F
ClientSampled :

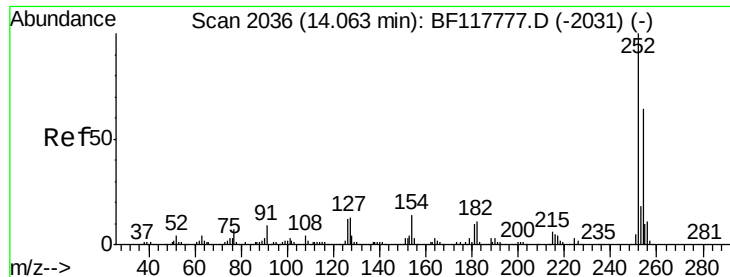
Tot Ion:149 Resp: 659165
Ion Ratio Lower Upper
149 100
91 64.8 53.1 79.7
206 20.2 15.8 23.6



#81
Benzo(a)anthracene
Concen: 34.565 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:228 Resp: 1212159
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.6 16.2 24.2

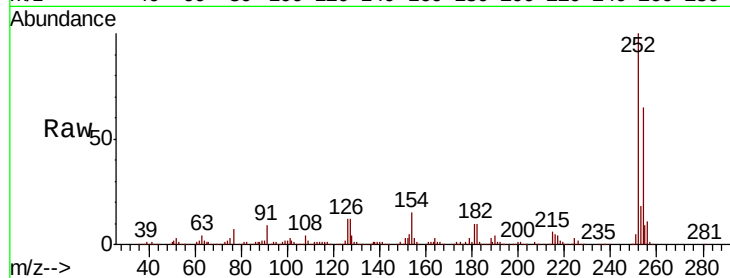




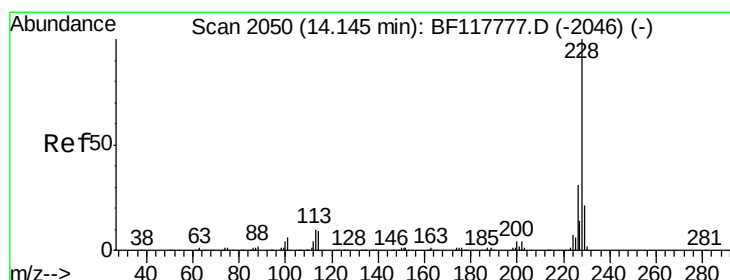
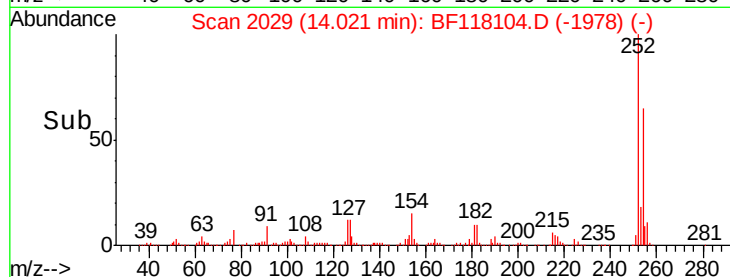
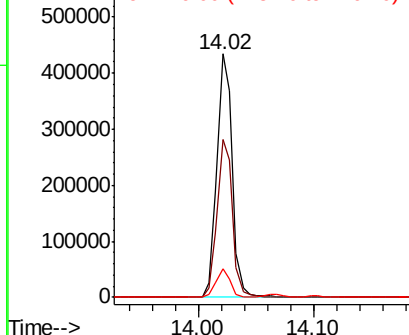
#82
 3,3'-Dichlorobenzidine
 Concen: 32.774 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 402036
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.2 78.2
 126 11.9 9.3 13.9

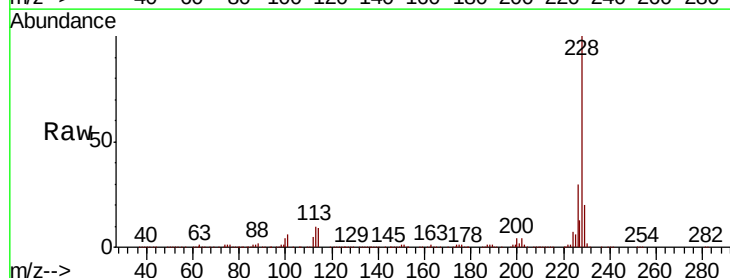


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

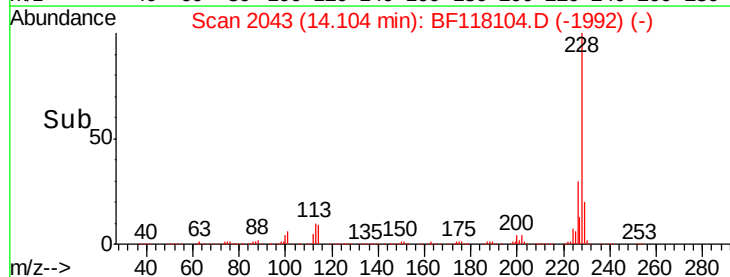
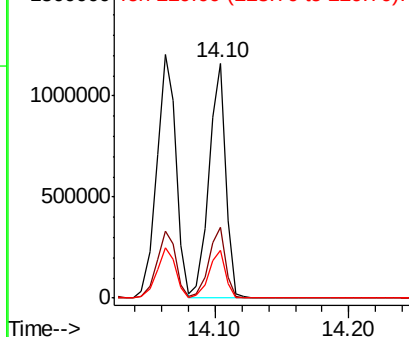


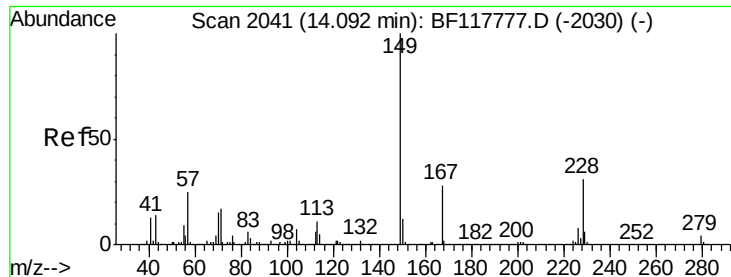
#83
 Chrysene
 Concen: 29.984 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:228 Resp: 1018913
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.6 35.4
 229 20.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 39.981 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampled :

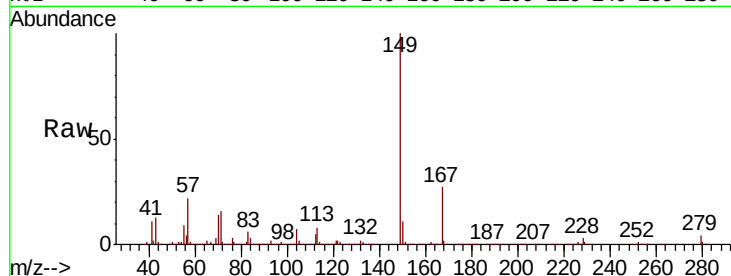
Tot Ion:149 Resp: 892847

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

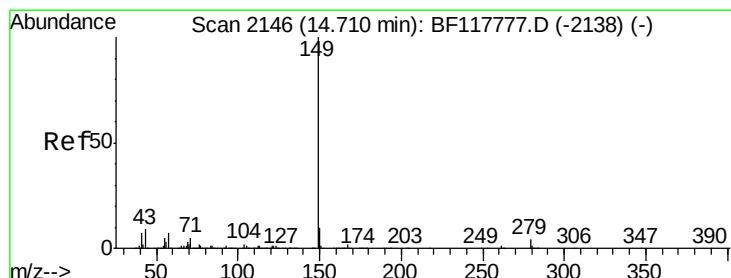
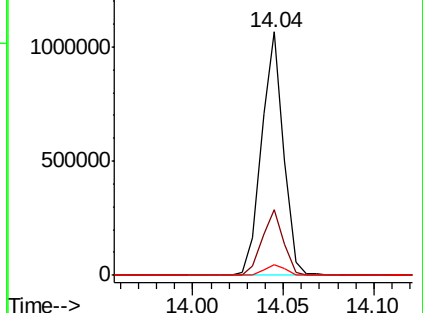
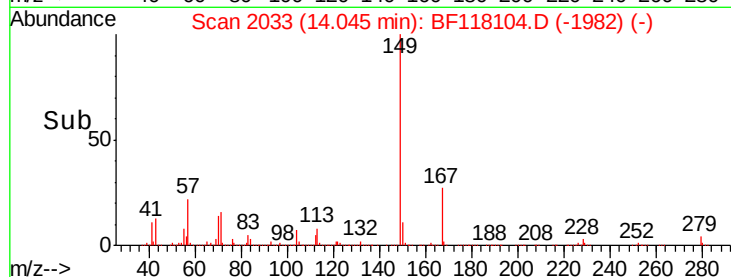
279 4.4 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.801 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

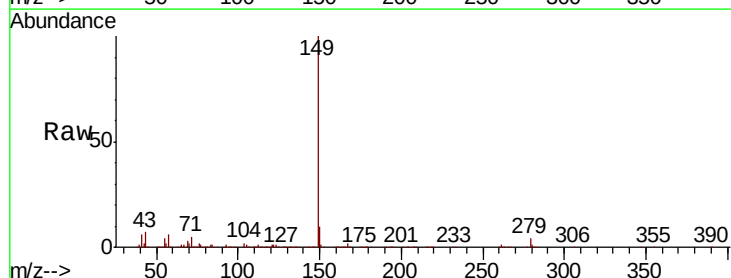
Tgt Ion:149 Resp: 1371383

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

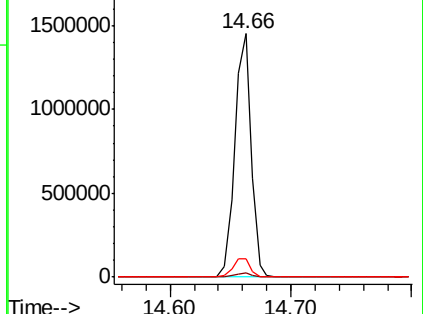
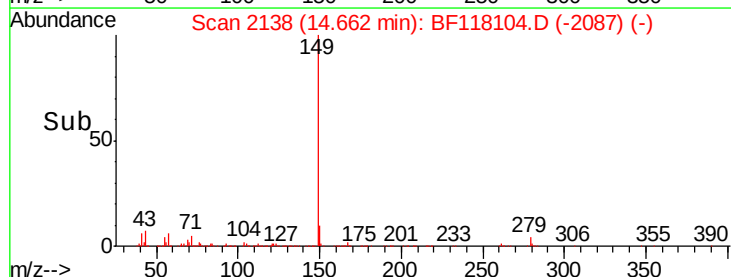
43 7.9 6.4 9.6

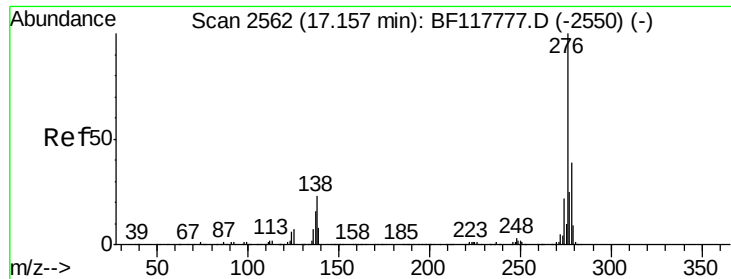


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



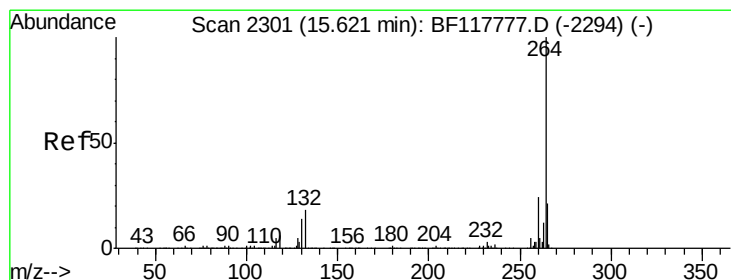
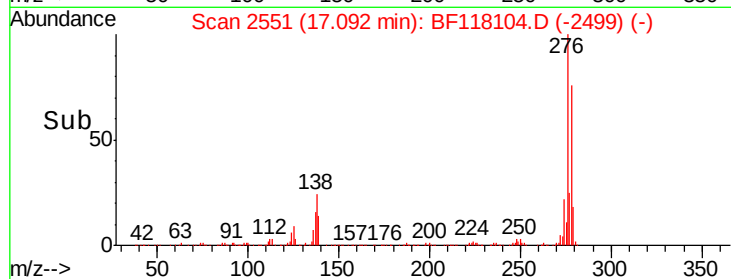
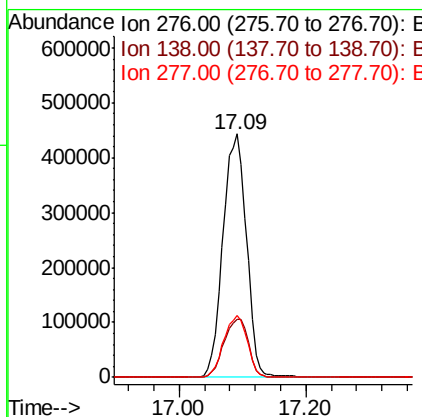
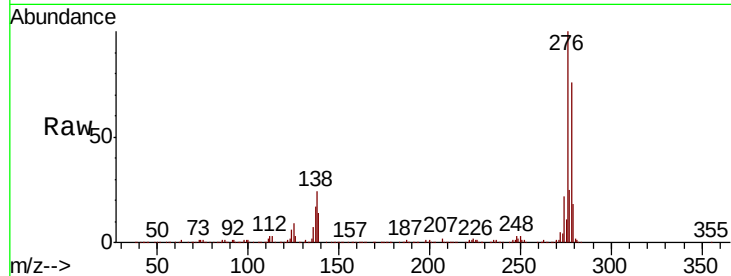


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.231 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1134616

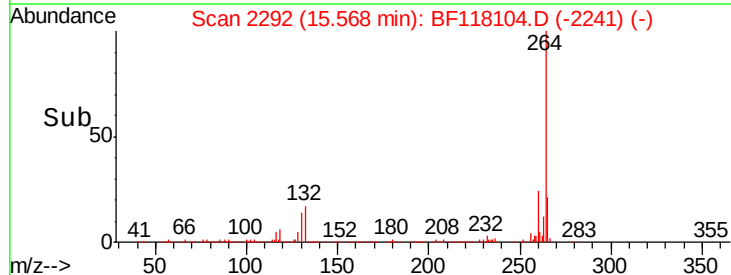
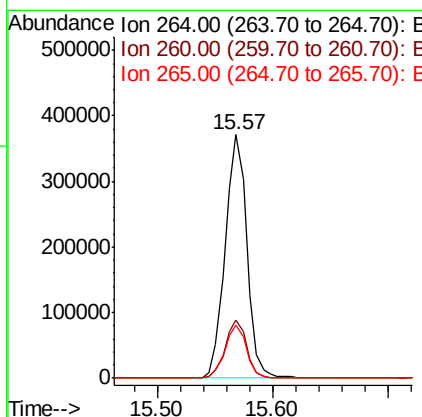
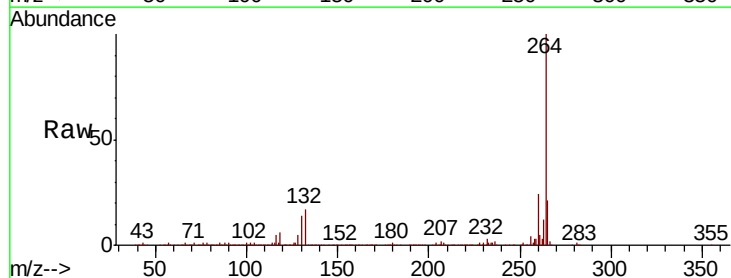
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.0	28.6
277	25.4	20.7	31.1

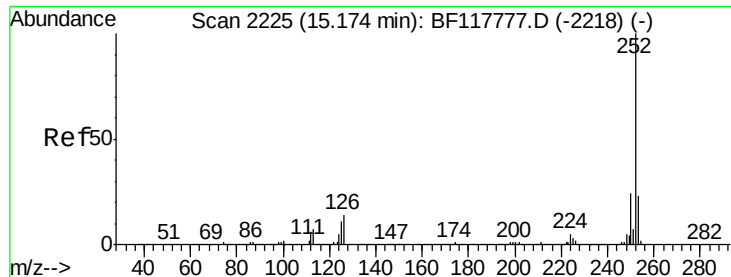


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF118104.D
 Acq: 4 Dec 2019 23:34

Tgt Ion:264 Resp: 483531

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.5	16.4	24.6

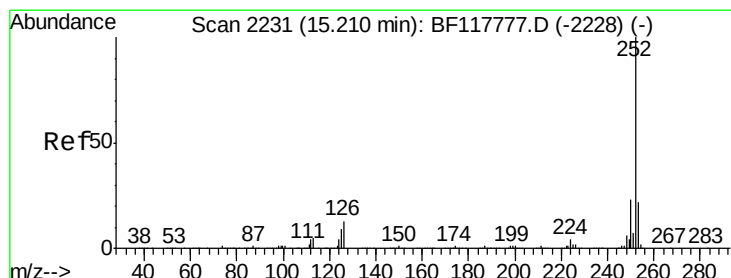
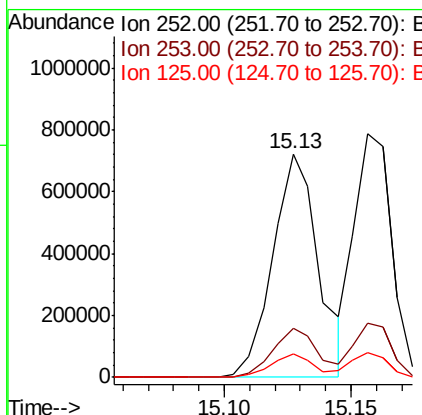
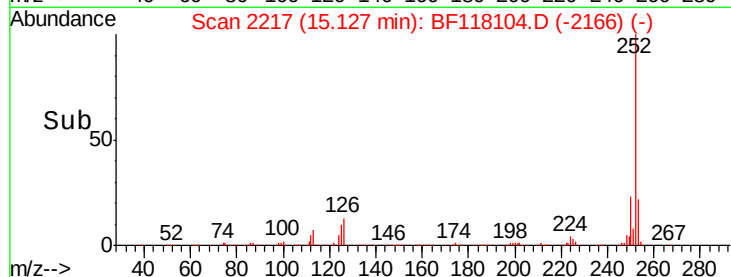
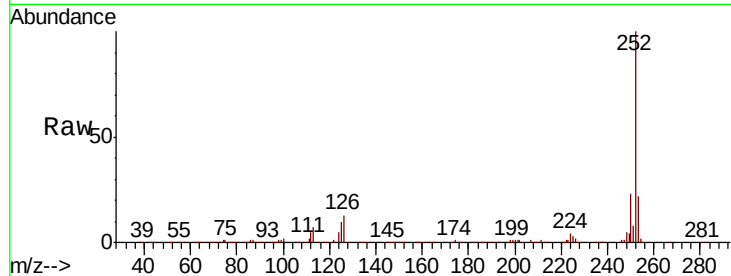




#88
Benzo(b)fluoranthene
Concen: 28.938 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

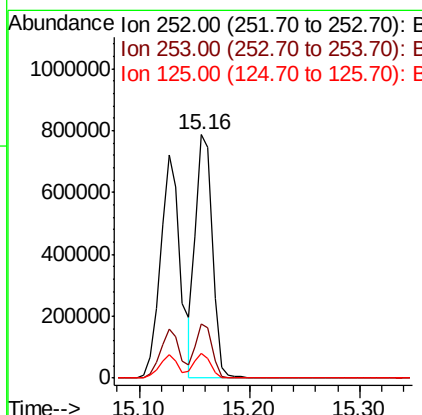
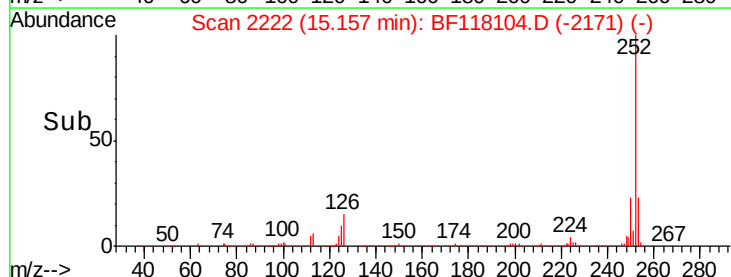
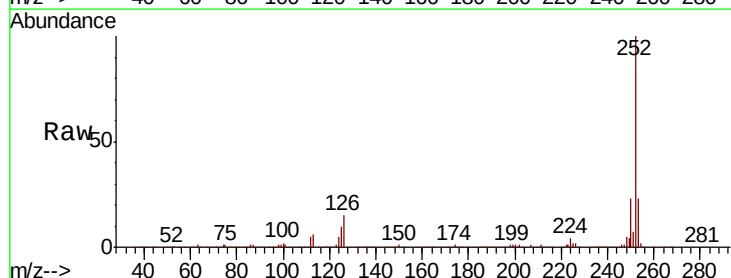
Instrument :
BNA_F
ClientSampleId :

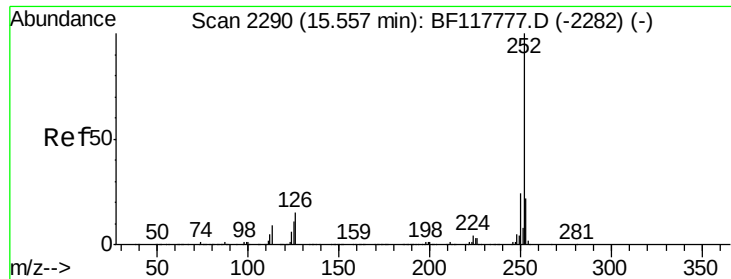
Tot Ion:252 Resp: 909105
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.3 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 27.567 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:252 Resp: 815989
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.4 8.5 12.7

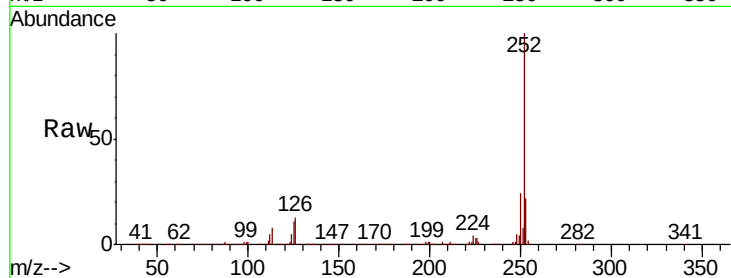




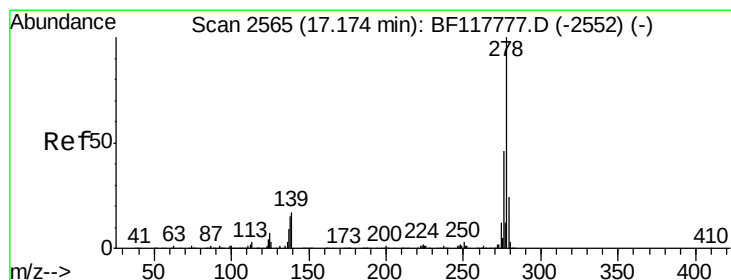
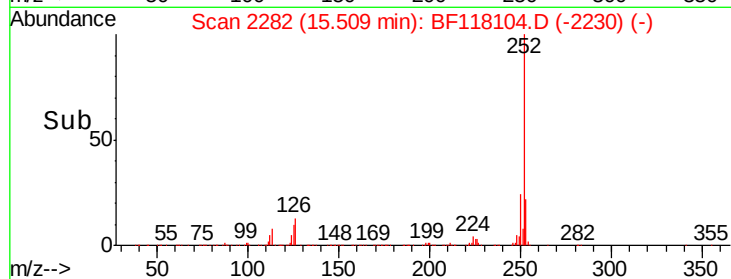
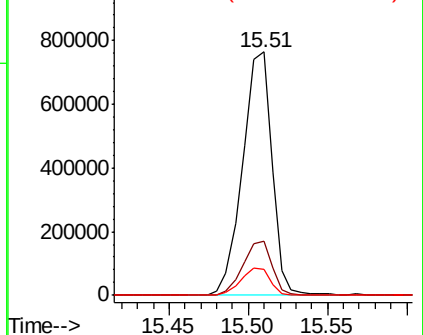
#90
Benzo(a)pyrene
Concen: 35.717 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 986658
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.5 8.9 13.3

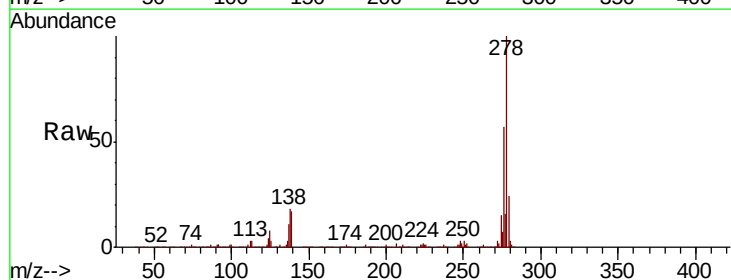


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

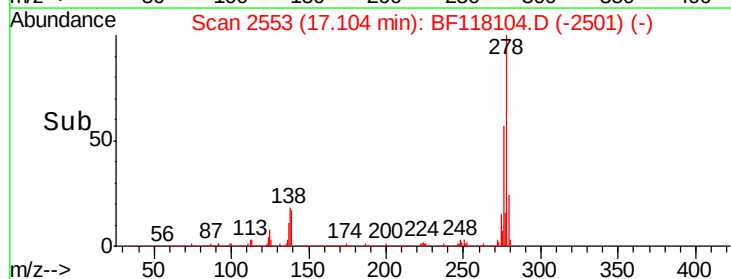
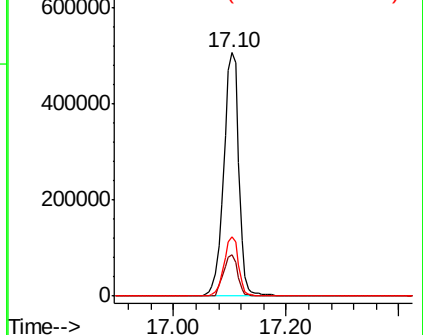


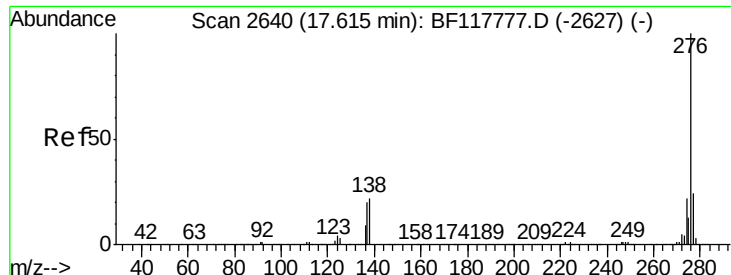
#91
Dibenzo(a,h)anthracene
Concen: 39.668 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118104.D
Acq: 4 Dec 2019 23:34

Tgt Ion:278 Resp: 943181
Ion Ratio Lower Upper
278 100
139 16.9 12.2 18.4
279 24.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 29.923 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF118104.D

Acq: 4 Dec 2019 23:34

Instrument :

BNA_F

ClientSampleId :

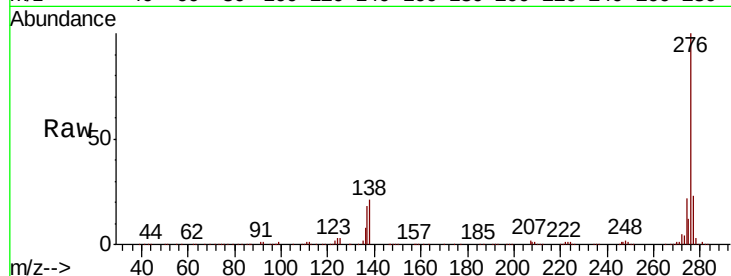
Tot Ion: 276 Resp: 708662

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 20.6 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

