

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119210.D
 Acq On : 5 Mar 2020 12:52
 Operator : CG/JU
 Sample : PB127191BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:22:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110056	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	420950	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	239532	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	444675	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	284839	20.00	ng	-0.01
87) Perylene-d12	15.31	264	243142	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	826354	125.48	ng	0.00
7) Phenol-d6	6.39	99	997123	124.50	ng	-0.01
23) Nitrobenzene-d5	7.29	82	605782	75.98	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	374278	119.44	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1252312	77.02	ng	-0.02
79) Terphenyl-d14	12.83	244	1457217	88.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	118617	40.455	ng	98
3) Pyridine	3.20	79	283309	35.380	ng	99
4) n-Nitrosodimethylamine	3.14	42	111409	45.928	ng	95
6) Aniline	6.39	93	312269	31.597	ng	# 75
8) 2-Chlorophenol	6.52	128	340808	47.954	ng	99
9) Benzaldehyde	6.27	77	148700	27.789	ng	99
10) Phenol	6.40	94	403203	46.562	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	308080	46.498	ng	98
12) 1,3-Dichlorobenzene	6.67	146	373983	43.904	ng	98
13) 1,4-Dichlorobenzene	6.75	146	380829	44.677	ng	98
14) 1,2-Dichlorobenzene	6.90	146	352987	45.406	ng	99
15) Benzyl Alcohol	6.88	79	288755	49.884	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	243554	42.435	ng	# 15
17) 2-Methylphenol	7.00	107	277964	48.240	ng	95
18) Hexachloroethane	7.23	117	135804	44.531	ng	100
19) n-Nitroso-di-n-propylamine	7.15	70	233437	50.019	ng	97
20) 3+4-Methylphenols	7.16	107	365857	51.826	ng	# 84
22) Acetophenone	7.14	105	466490	47.896	ng	# 95
24) Nitrobenzene	7.31	77	351467	44.580	ng	97
25) Isophorone	7.55	82	640125	46.232	ng	98
26) 2-Nitrophenol	7.63	139	191973	45.956	ng	98
27) 2,4-Dimethylphenol	7.68	122	298963	52.733	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	388961	43.159	ng	99
29) 2,4-Dichlorophenol	7.88	162	303669	45.499	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	330045	41.708	ng	100
31) Naphthalene	8.03	128	986615	45.193	ng	99
32) Benzoic acid	7.84	122	167623	41.561	ng	99
33) 4-Chloroaniline	8.09	127	260788	27.774	ng	99
34) Hexachlorobutadiene	8.15	225	202439	41.070	ng	99
35) Caprolactam	8.46	113	49939	24.300	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	322336	47.721	ng	99
37) 2-Methylnaphthalene	8.72	142	687008	46.762	ng	99
38) 1-Methylnaphthalene	8.82	142	642687	46.515	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341485	42.284	ng	99

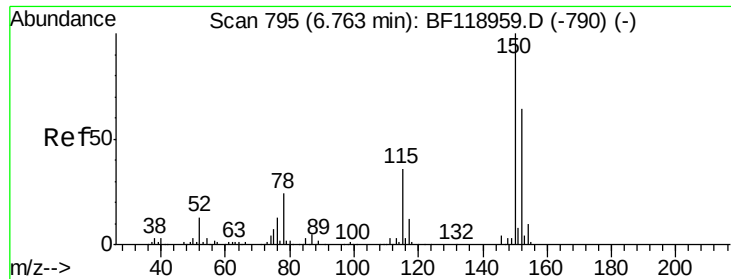
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119210.D
 Acq On : 5 Mar 2020 12:52
 Operator : CG/JU
 Sample : PB127191BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:22:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	174768	61.865	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	215726	42.300	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	225771	42.187	ng	99
46) 1,1'-Biphenyl	9.19	154	831540	42.954	ng	99
47) 2-Chloronaphthalene	9.22	162	663634	42.539	ng	97
48) 2-Nitroaniline	9.32	65	186560	42.875	ng	96
49) Acenaphthylene	9.63	152	1020418	45.288	ng	99
50) Dimethylphthalate	9.49	163	808101	44.119	ng	98
51) 2,6-Dinitrotoluene	9.56	165	184047	45.227	ng	90
52) Acenaphthene	9.80	154	601906	44.302	ng	100
53) 3-Nitroaniline	9.73	138	126775	28.101	ng	96
54) 2,4-Dinitrophenol	9.85	184	139786	71.548	ng	92
55) Dibenzofuran	9.97	168	899162	44.340	ng	100
56) 4-Nitrophenol	9.92	139	177087	65.332	ng	97
57) 2,4-Dinitrotoluene	9.97	165	224572	42.575	ng	94
58) Fluorene	10.32	166	732449	46.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	193523	42.855	ng	97
60) Diethylphthalate	10.19	149	789690	45.750	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	381774	45.771	ng	96
62) 4-Nitroaniline	10.35	138	156240	33.850	ng	96
63) Azobenzene	10.46	77	697432	46.484	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	121265	45.067	ng	92
66) n-Nitrosodiphenylamine	10.43	169	656188	45.067	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	248456	42.745	ng	95
68) Hexachlorobenzene	10.87	284	281476	42.002	ng	98
69) Atrazine	10.96	200	231584	45.523	ng	98
70) Pentachlorophenol	11.07	266	185475	68.707	ng	98
71) Phenanthrene	11.27	178	1055809	43.538	ng	98
72) Anthracene	11.33	178	1098712	45.345	ng	98
73) Carbazole	11.49	167	932896	43.217	ng	98
74) Di-n-butylphthalate	11.81	149	1198565	45.850	ng	99
75) Fluoranthene	12.46	202	1103971	42.887	ng	99
77) Benzidine	12.58	184	356793	30.800	ng	98
78) Pyrene	12.69	202	1089300	47.625	ng	99
80) Butylbenzylphthalate	13.30	149	467801	48.596	ng	96
81) Benzo(a)anthracene	13.88	228	878011	45.240	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	232396	30.837	ng	97
83) Chrysene	13.92	228	831960	43.021	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	643090	52.879	ng	100
85) Di-n-octyl phthalate	14.47	149	987237	50.949	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	765428	40.878	ng	100
88) Benzo(b)fluoranthene	14.91	252	744359	46.445	ng	99
89) Benzo(k)fluoranthene	14.93	252	696997	46.929	ng	100
90) Benzo(a)pyrene	15.26	252	633522	43.799	ng	97
91) Dibenzo(a,h)anthracene	16.72	278	650386	51.103	ng	99
92) Benzo(g,h,i)perylene	17.14	276	650165	51.703	ng	99

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

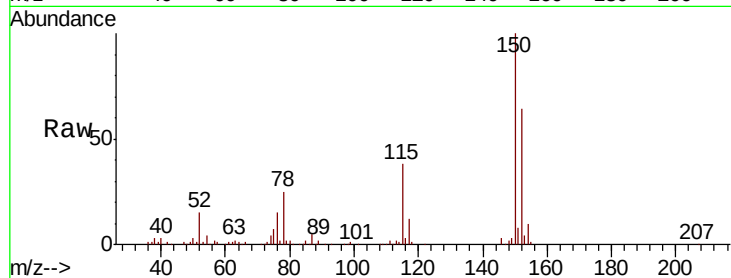


#1

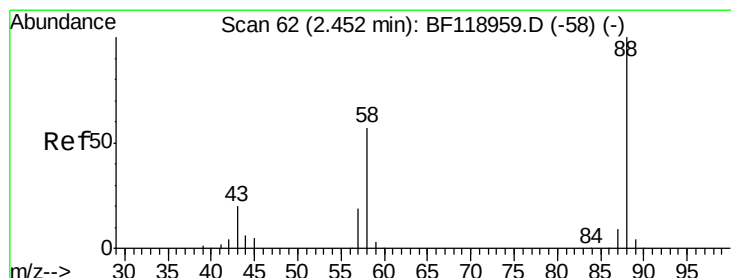
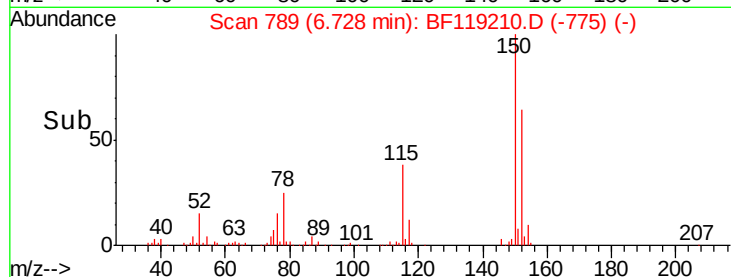
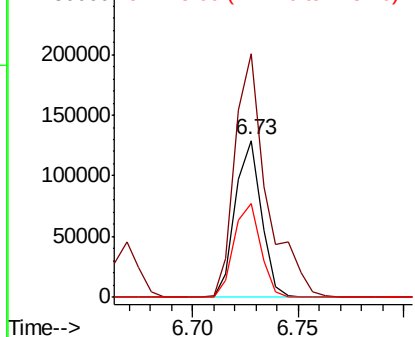
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110056
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 59.6 49.5 74.3



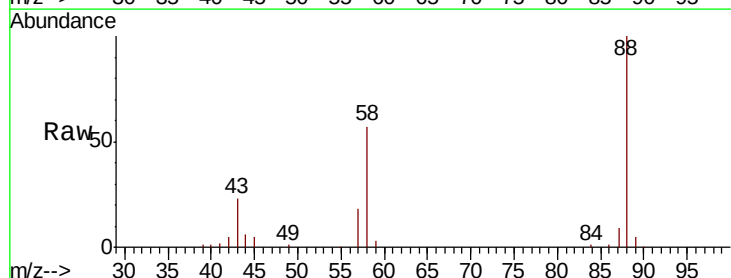
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



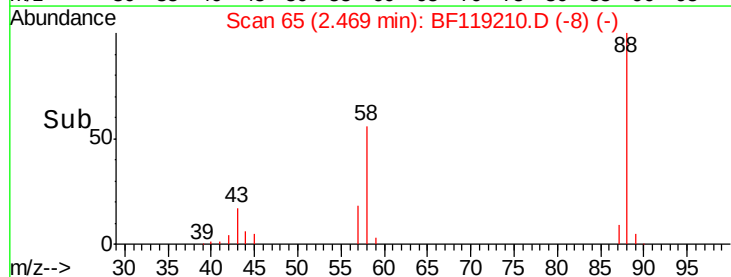
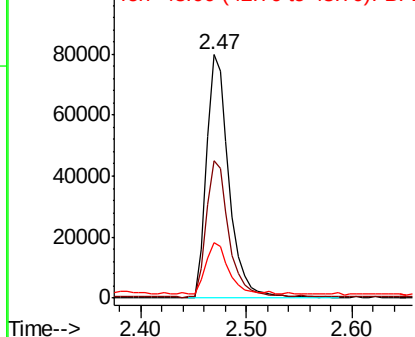
#2

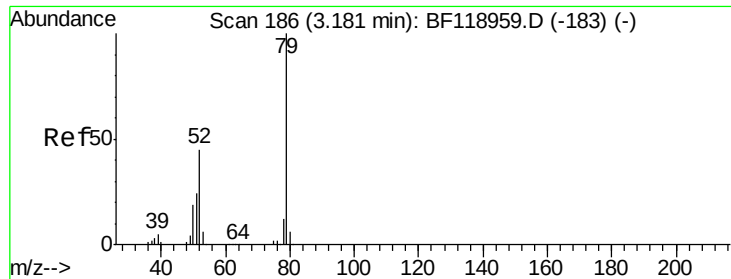
1,4-Dioxane
Concen: 40.455 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.04 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion: 88 Resp: 118617
Ion Ratio Lower Upper
88 100
58 56.6 43.8 65.6
43 20.1 16.2 24.4



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





#3

Pvridine

Concen: 35.380 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.05 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

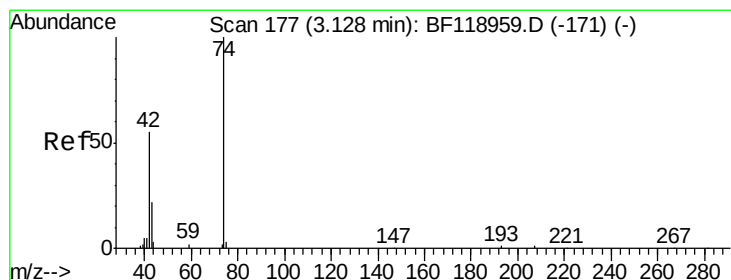
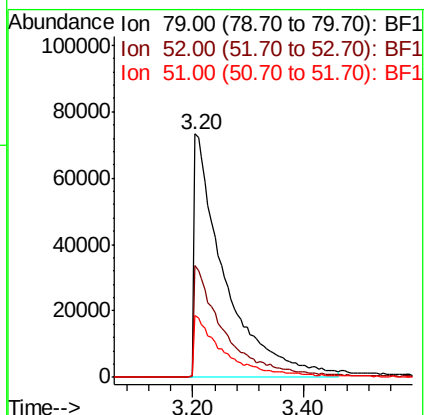
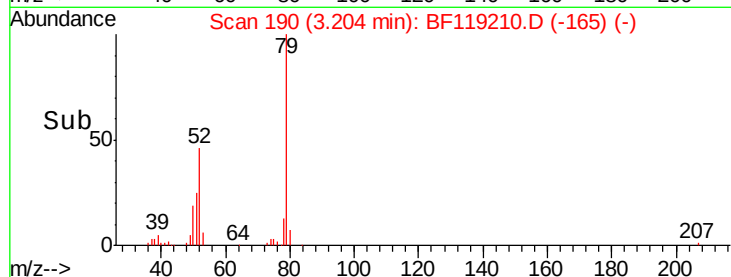
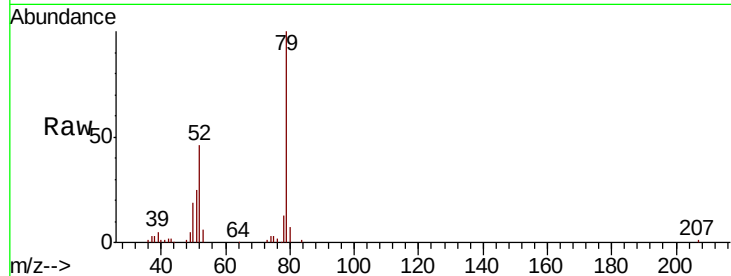
Tot Ion: 79 Resp: 283309

Ion Ratio Lower Upper

79 100

52 45.9 37.4 56.0

51 25.5 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 45.928 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

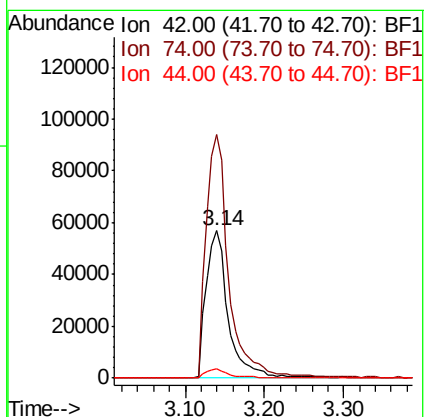
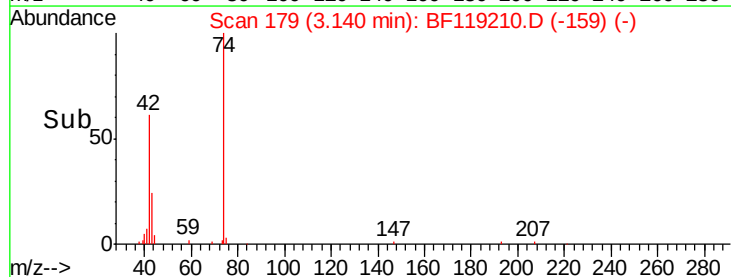
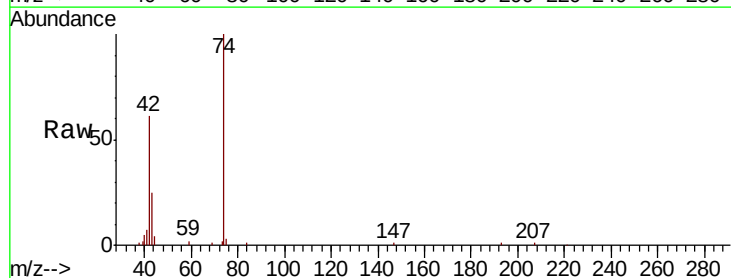
Tgt Ion: 42 Resp: 111409

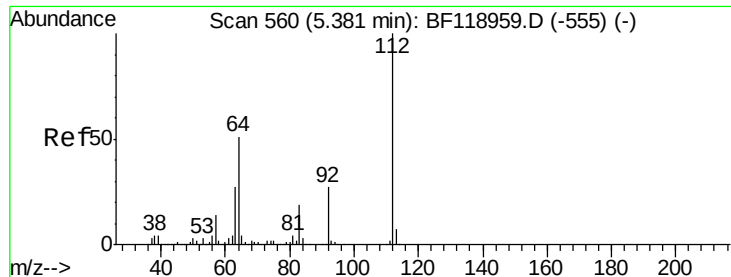
Ion Ratio Lower Upper

42 100

74 165.2 137.7 206.5

44 6.3 4.5 6.7





#5

2-Fluorophenol

Concen: 125.480 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

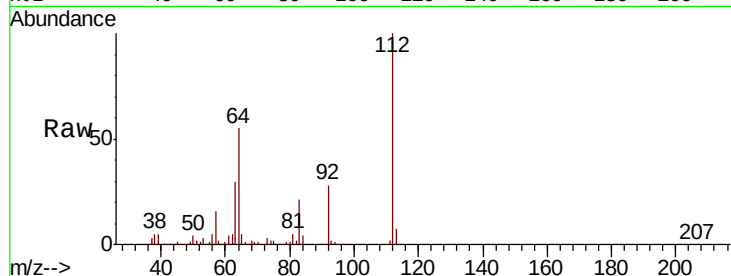
Tot Ion:112 Resp: 826354

Ion Ratio Lower Upper

112 100

64 55.4 45.0 67.4

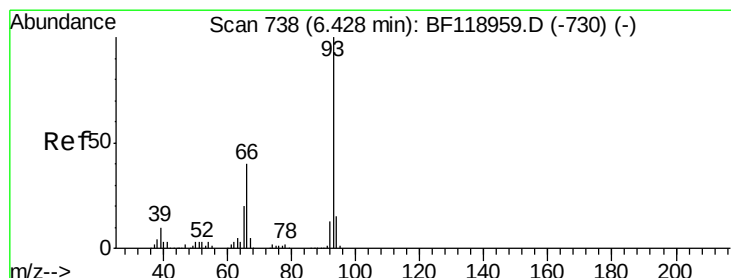
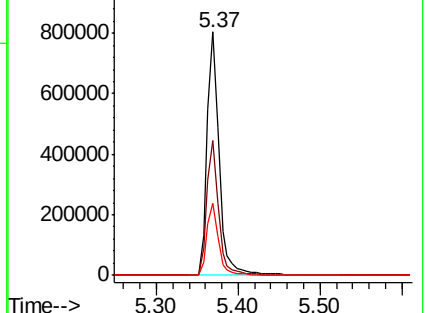
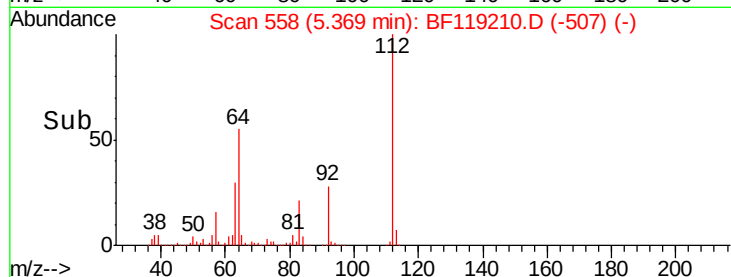
63 29.5 24.2 36.4



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: 31.597 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

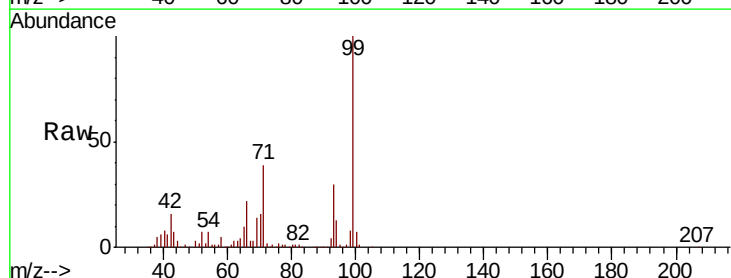
Tgt Ion: 93 Resp: 312269

Ion Ratio Lower Upper

93 100

66 72.5 74.5 111.7#

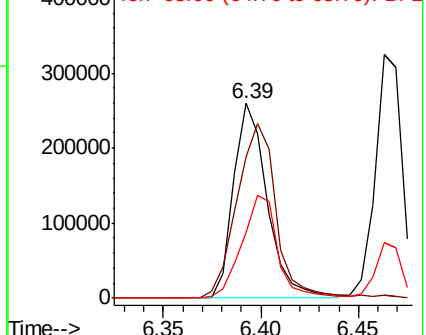
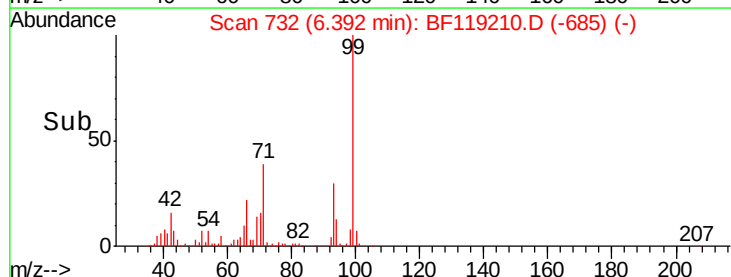
65 33.6 45.3 67.9#

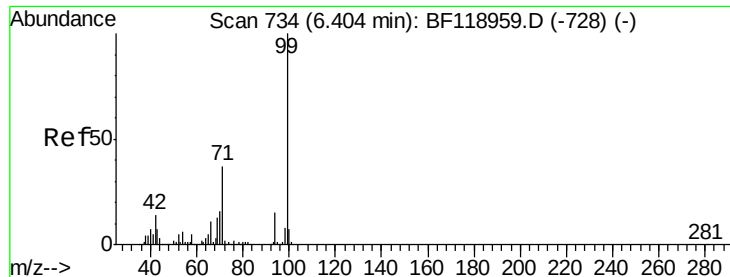


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.497 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

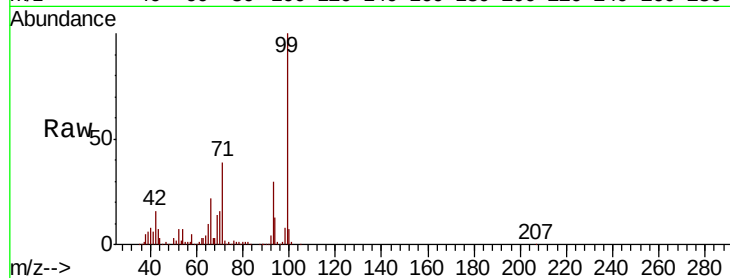
Tot Ion: 99 Resp: 997123

Ion Ratio Lower Upper

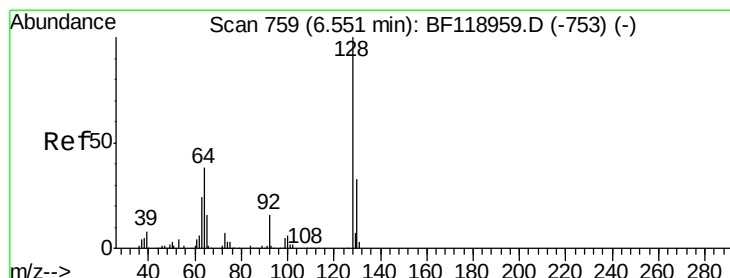
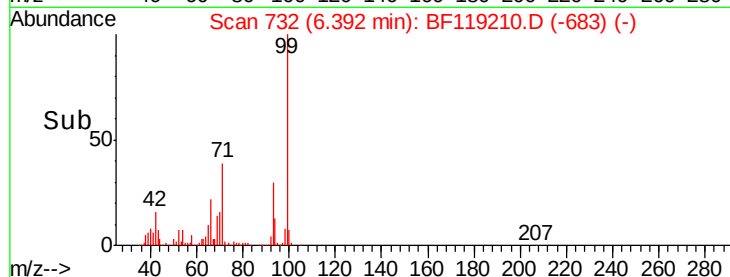
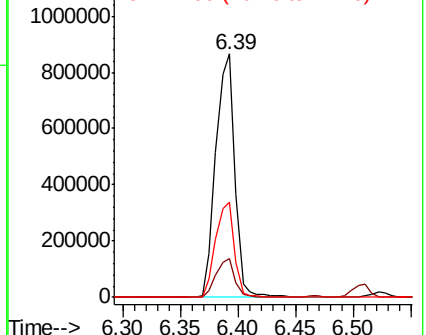
99 100

42 15.8 12.6 18.8

71 39.3 31.0 46.4



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: 47.954 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

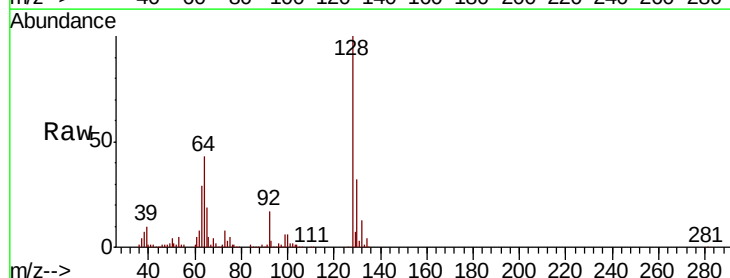
Tgt Ion: 128 Resp: 340808

Ion Ratio Lower Upper

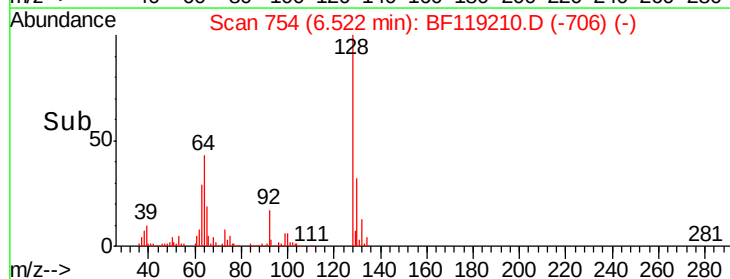
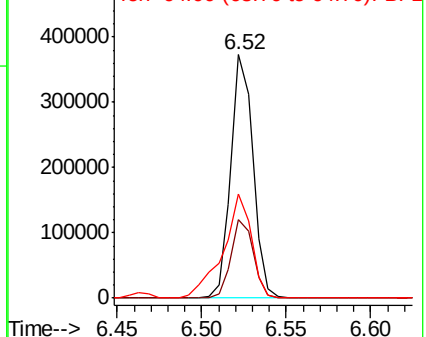
128 100

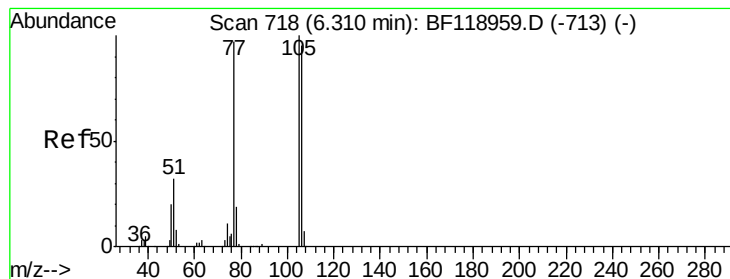
130 32.0 12.7 52.7

64 42.8 22.3 62.3



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: 27.789 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

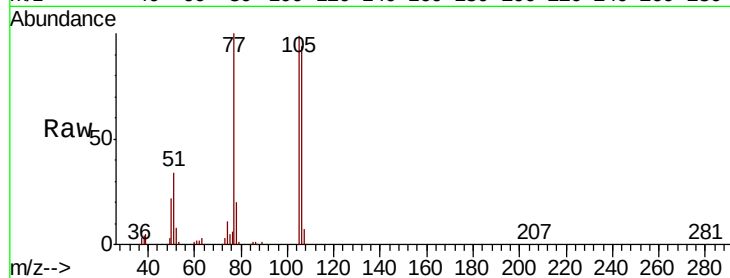
Tot Ion: 77 Resp: 148700

Ion Ratio Lower Upper

77 100

105 99.3 80.1 120.1

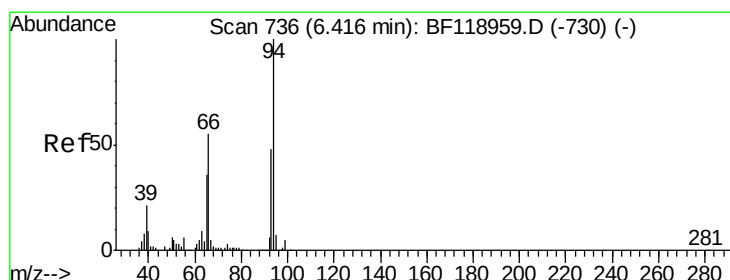
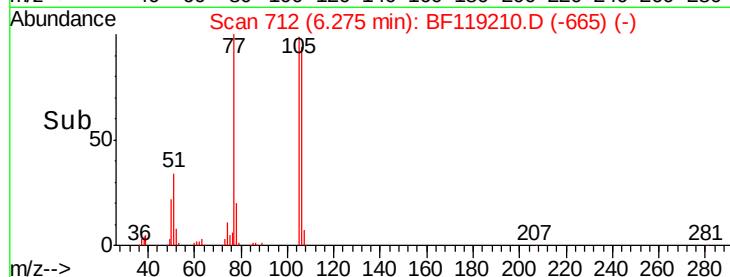
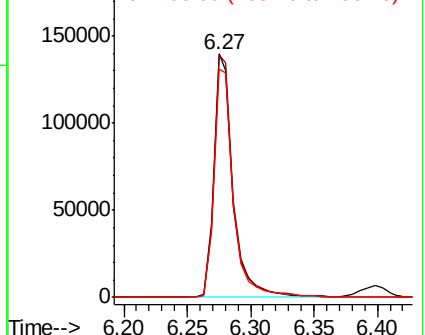
106 93.7 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.562 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

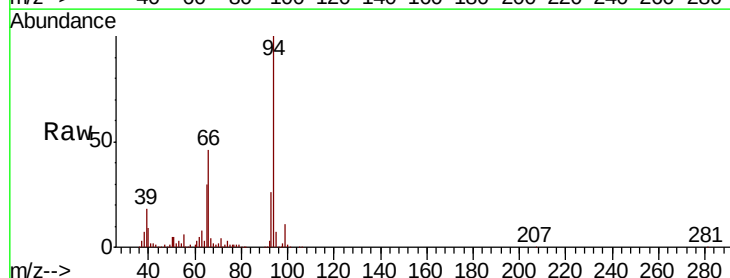
Tgt Ion: 94 Resp: 403203

Ion Ratio Lower Upper

94 100

65 30.0 19.2 59.2

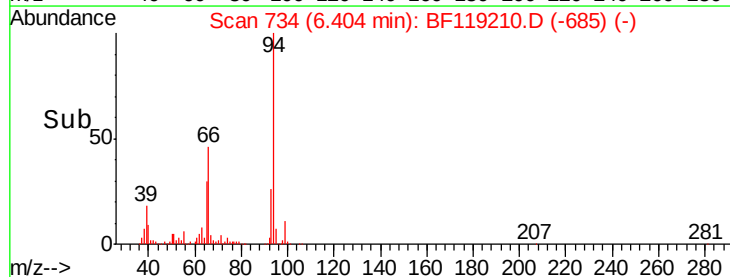
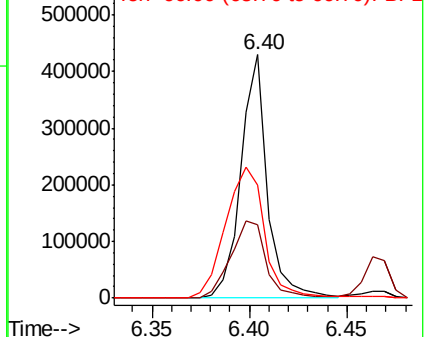
66 46.2 44.4 84.4

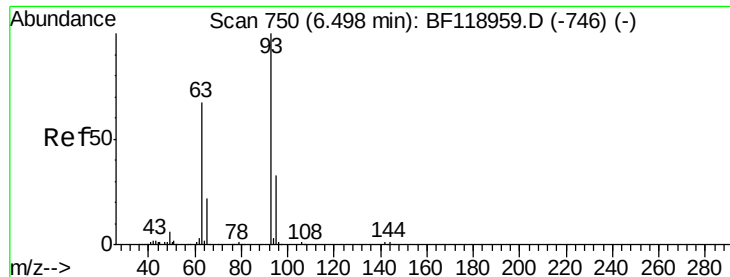


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

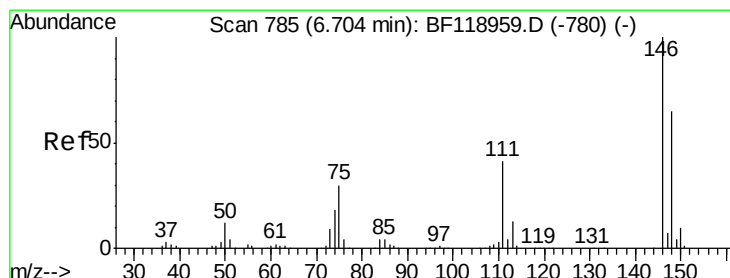
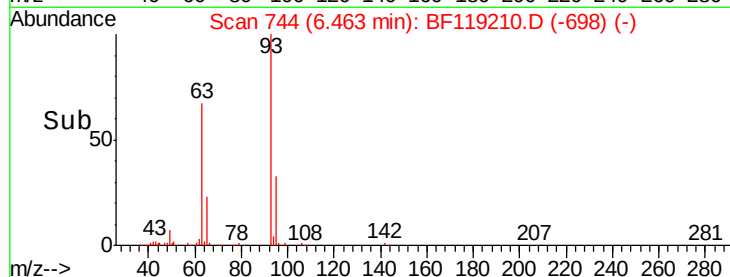
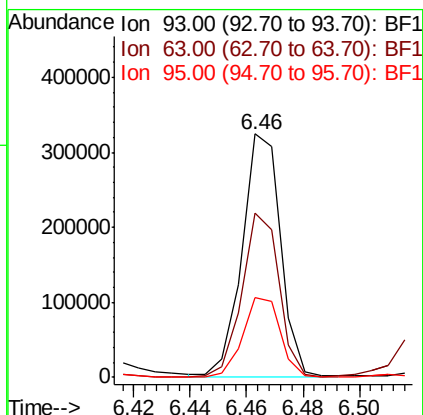
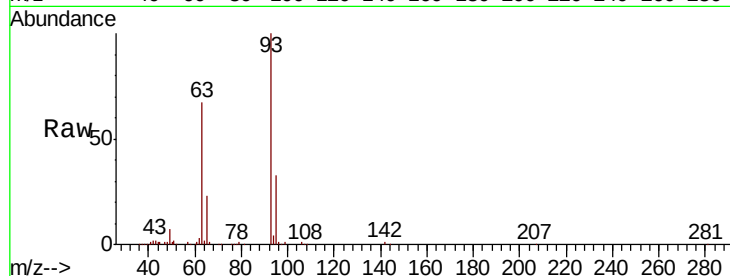




#11
 bis(2-Chloroethyl)ether
 Concen: 46.498 ng
 RT: 6.46 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

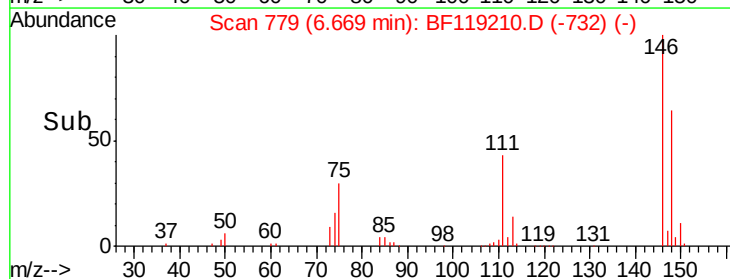
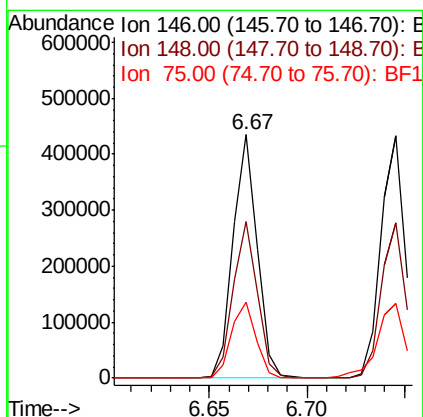
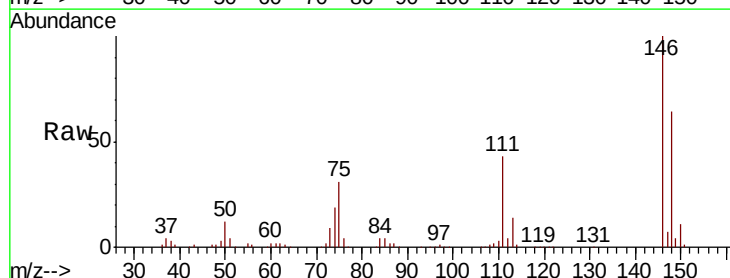
Instrument :
 BNA_F
 ClientSampleId :

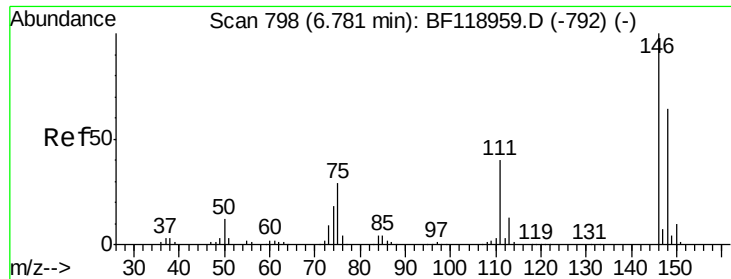
Tot Ion: 93 Resp: 308080
 Ion Ratio Lower Upper
 93 100
 63 67.3 45.4 85.4
 95 32.5 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 43.904 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion: 146 Resp: 373983
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.5 78.7
 75 31.0 23.6 35.4

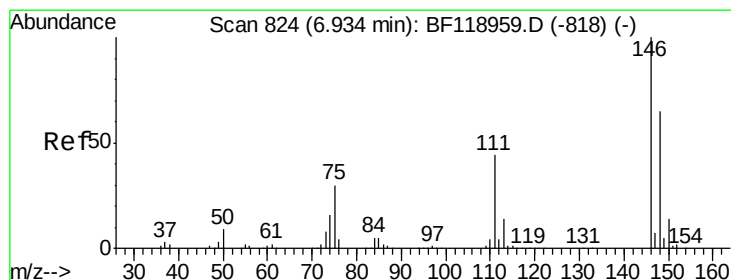
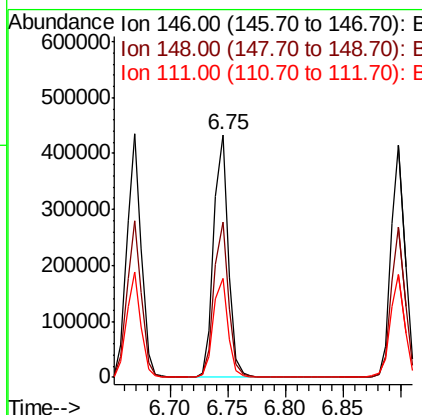
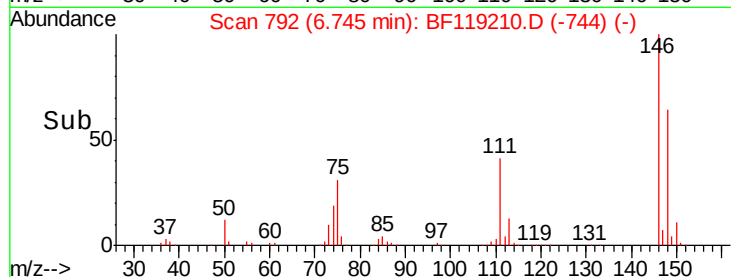
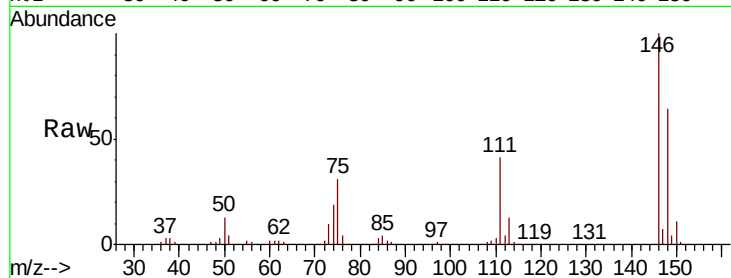




#13
 1,4-Dichlorobenzene
 Concen: 44.677 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

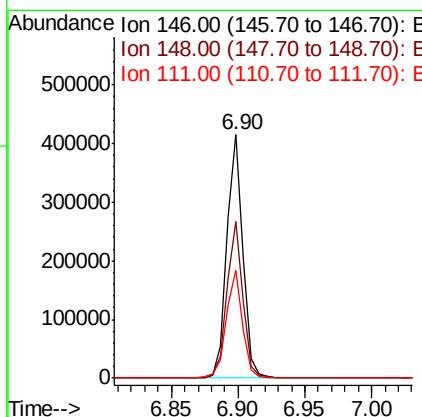
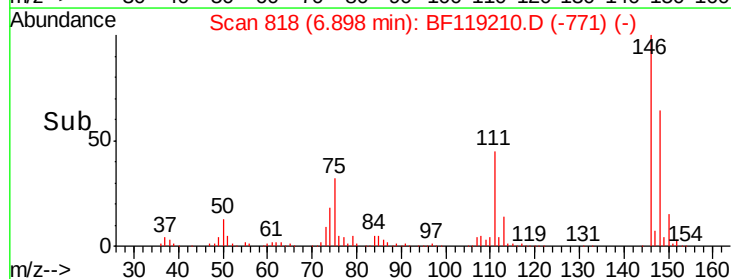
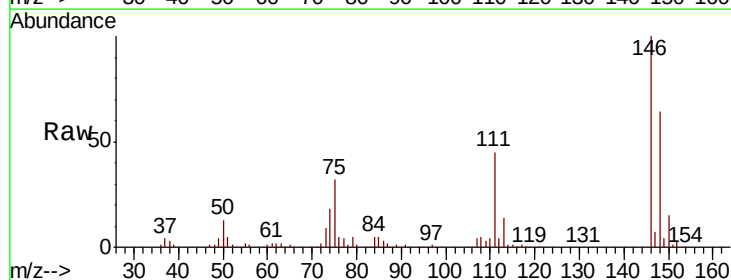
Instrument :
 BNA_F
 ClientSampled :

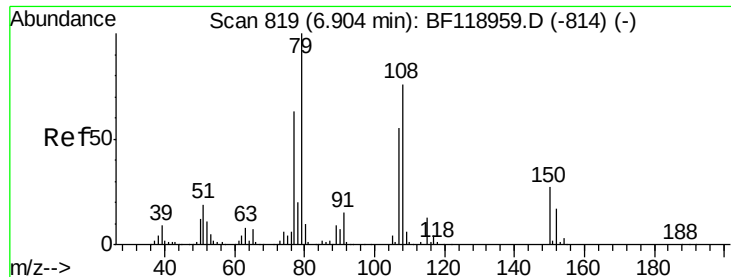
Tot Ion:146 Resp: 380829
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 40.7 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 45.406 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion:146 Resp: 352987
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 44.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 49.884 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

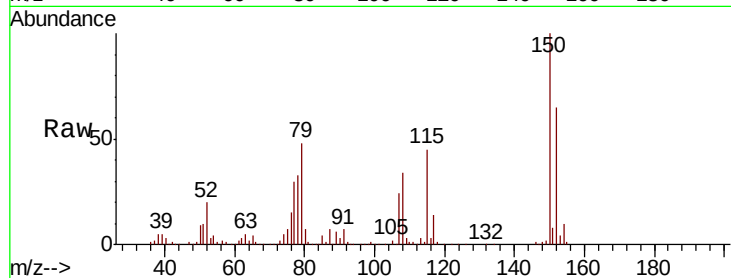
Tot Ion: 79 Resp: 288755

Ion Ratio Lower Upper

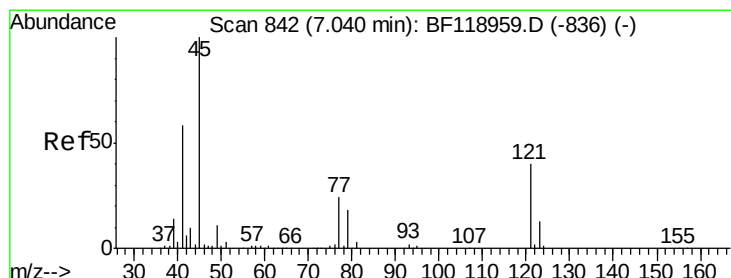
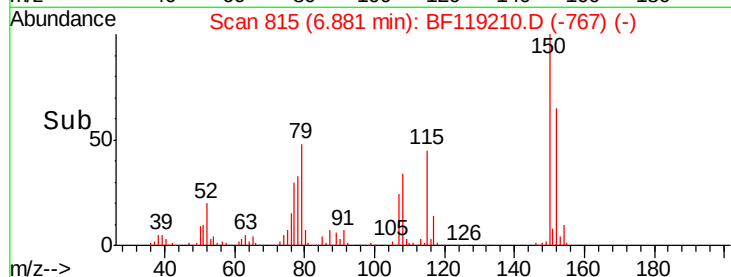
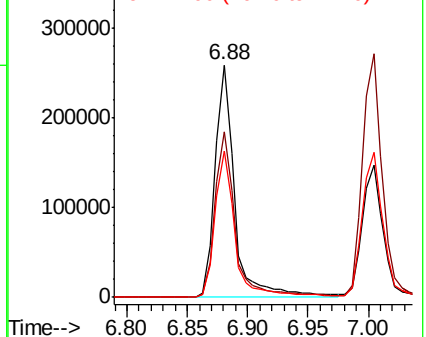
79 100

108 71.5 58.2 87.2

77 62.8 51.2 76.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.435 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

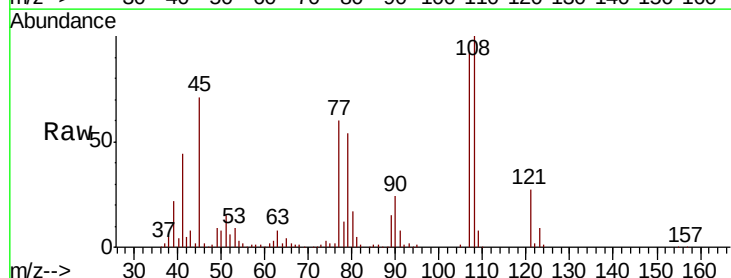
Tgt Ion: 45 Resp: 243554

Ion Ratio Lower Upper

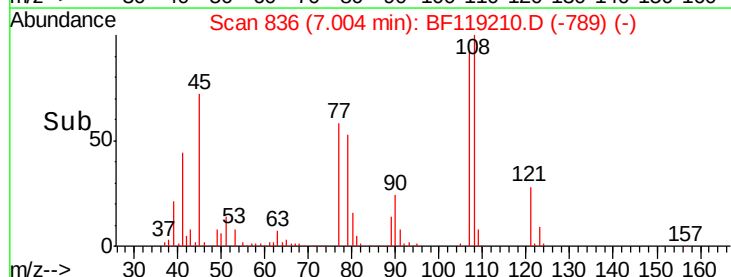
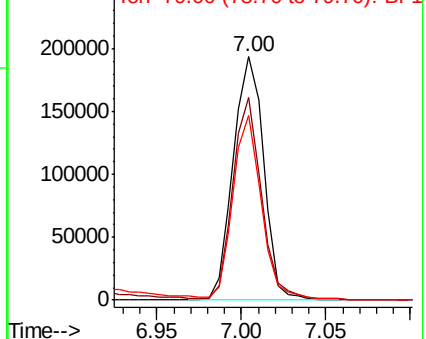
45 100

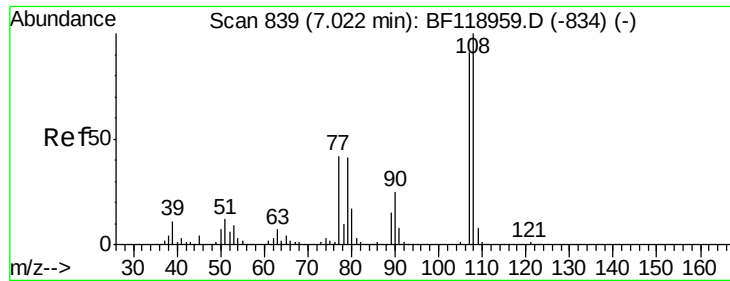
77 83.3 15.0 55.0#

79 75.9 9.4 49.4#



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

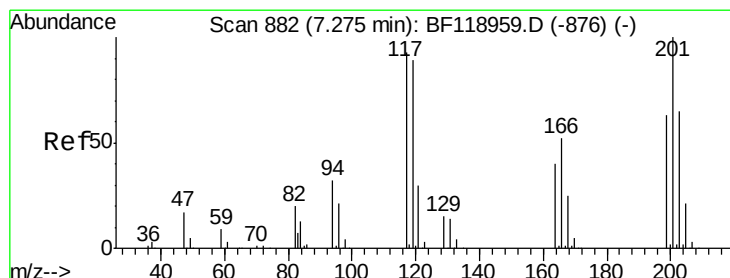
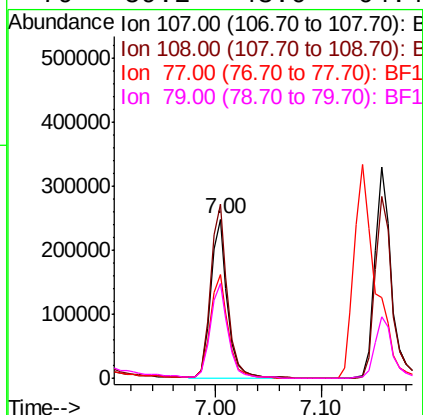
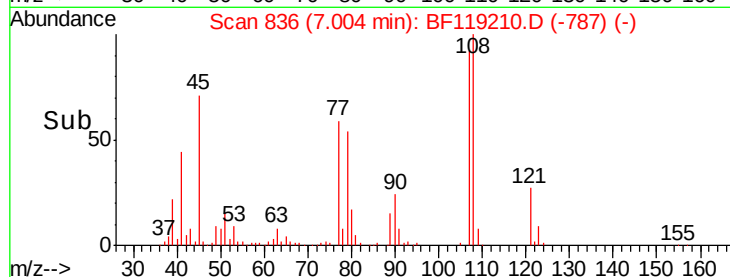
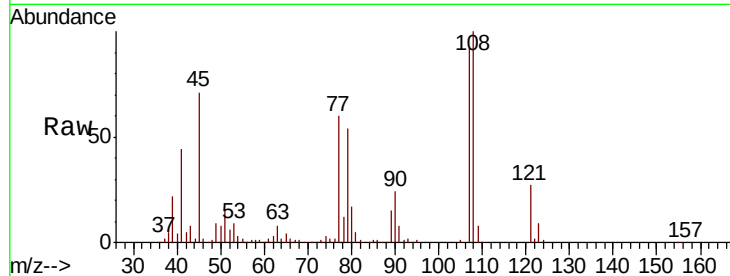




#17
2-Methylphenol
Concen: 48.240 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

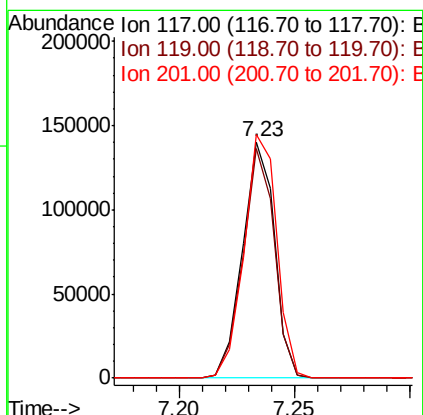
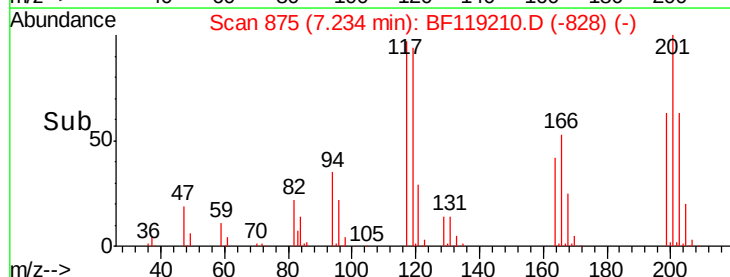
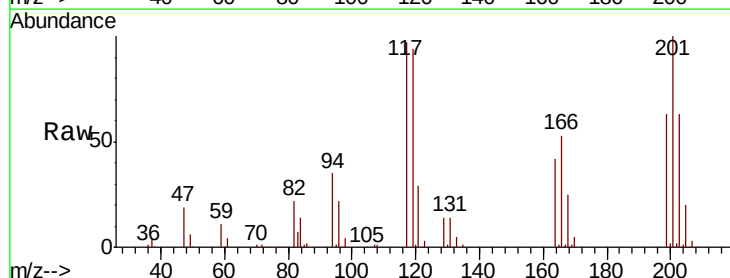
Instrument :
BNA_F
ClientSampleId :

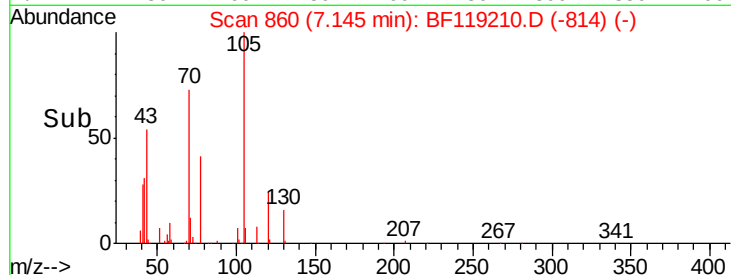
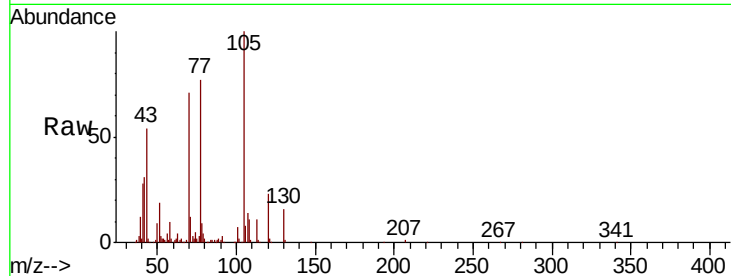
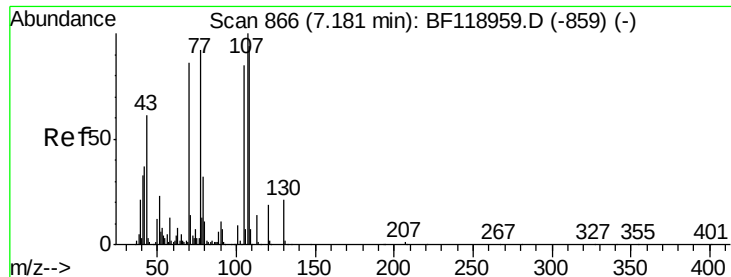
Tot Ion:107 Resp: 277964
Ion Ratio Lower Upper
107 100
108 109.2 87.9 131.9
77 65.0 45.3 67.9
79 59.2 43.0 64.4



#18
Hexachloroethane
Concen: 44.531 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:117 Resp: 135804
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 103.1 82.6 123.8

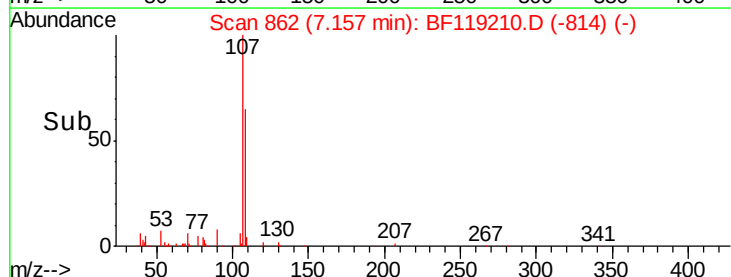
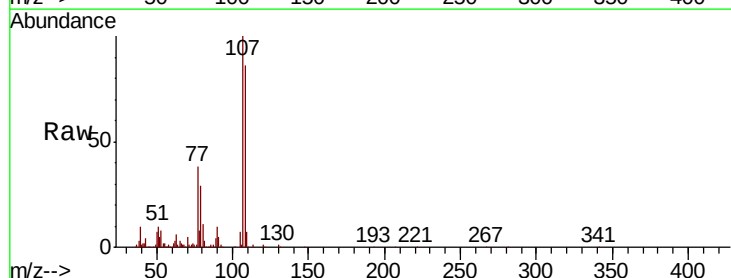
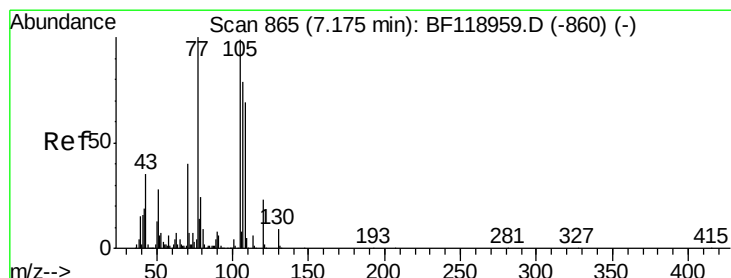
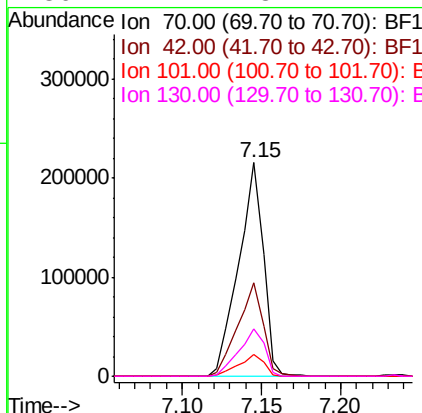




#19
n-Nitroso-di-n-propylamine
Concen: 50.019 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

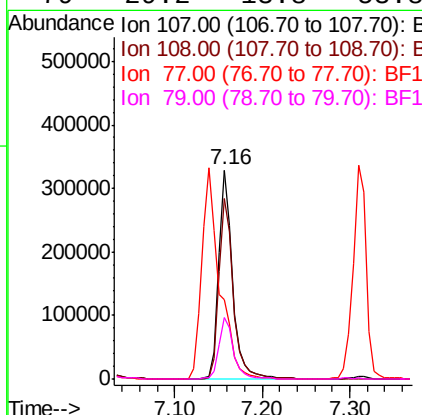
Instrument :
BNA_F
ClientSampleId :

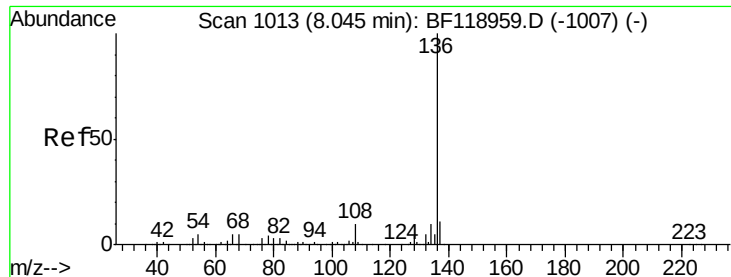
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	38.0	57.0
101	10.2	8.2	12.4
130	22.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 51.826 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.5	111.5
77	38.1	45.9	85.9#
79	29.2	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 420950

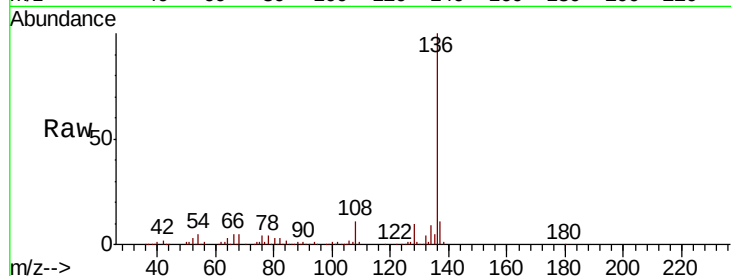
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.0 3.8 5.6

68 5.1 3.9 5.9

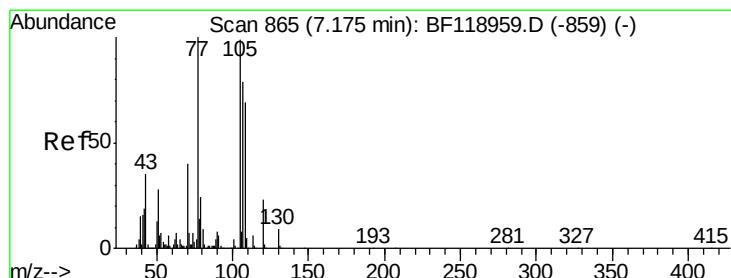
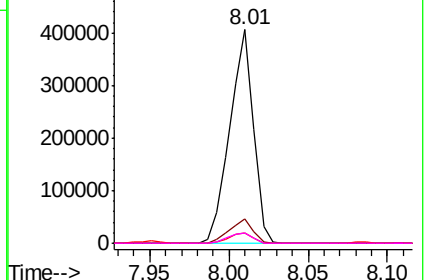
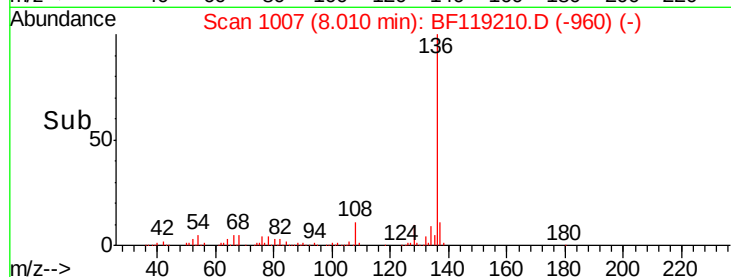


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.896 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:105 Resp: 466490

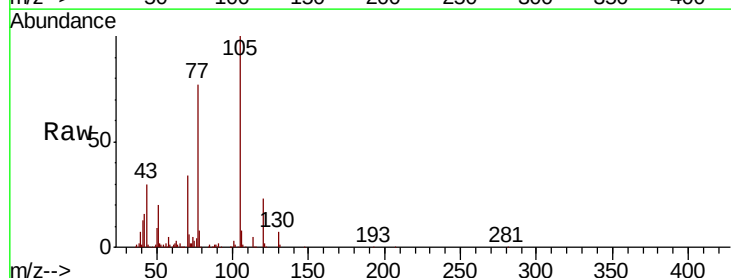
Ion Ratio Lower Upper

105 100

71 5.6 3.0 4.4#

51 20.3 20.1 30.1

120 22.7 18.0 27.0

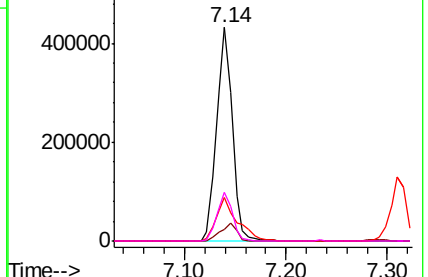
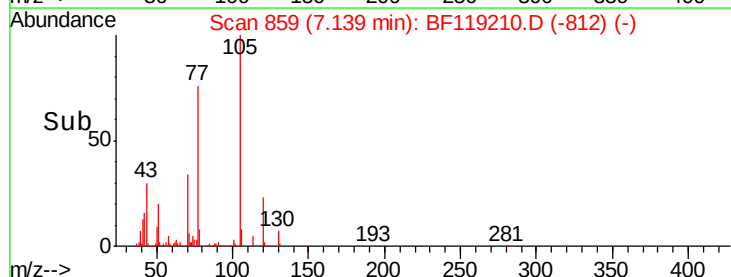


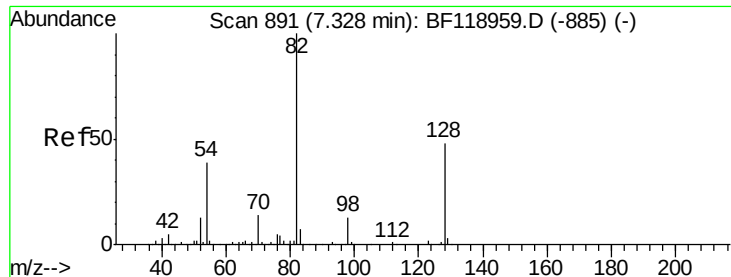
Abundance Ion 105.00 (104.70 to 105.70): E

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

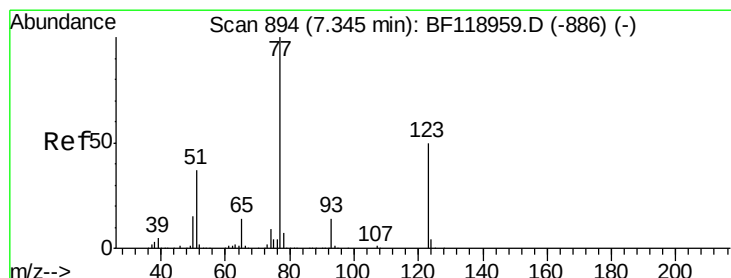
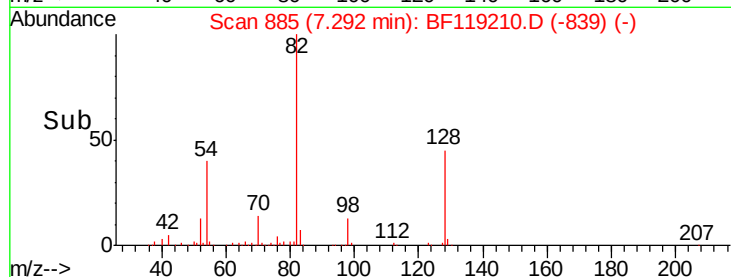
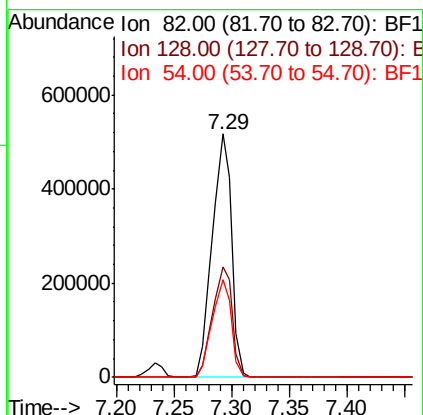
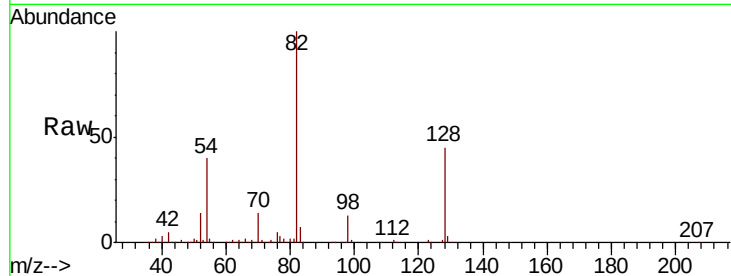




#23
Nitrobenzene-d5
Concen: 75.984 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

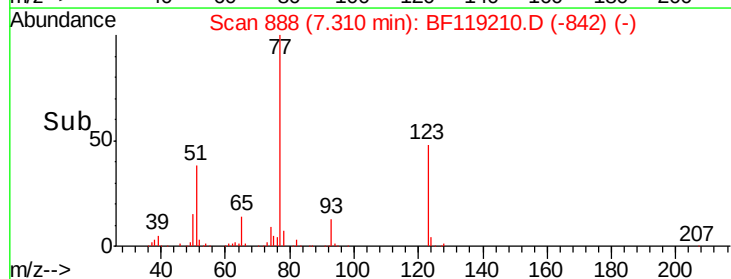
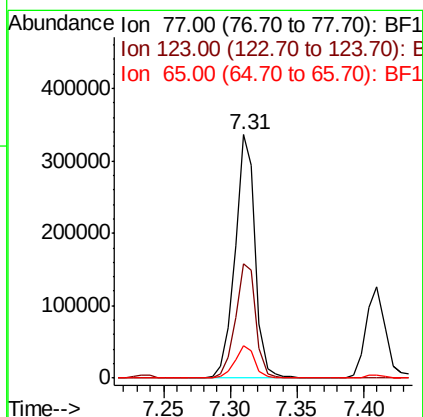
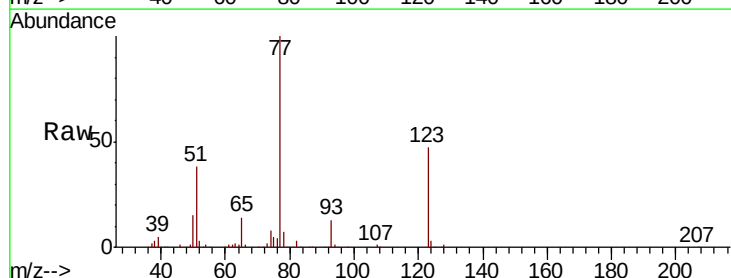
Instrument :
BNA_F
ClientSampleId :

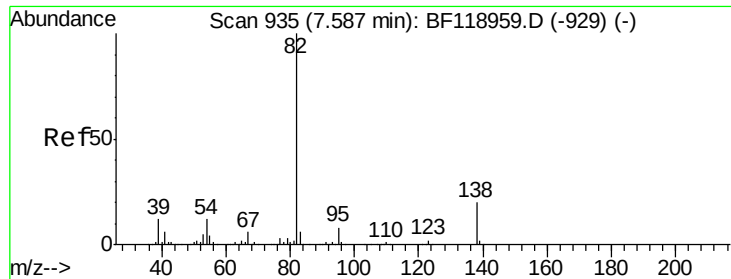
Tot Ion: 82 Resp: 605782
Ion Ratio Lower Upper
82 100
128 45.4 37.9 56.9
54 40.3 33.4 50.2



#24
Nitrobenzene
Concen: 44.580 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion: 77 Resp: 351467
Ion Ratio Lower Upper
77 100
123 47.2 40.2 60.2
65 13.6 10.8 16.2





#25

Isophorone

Concen: 46.232 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

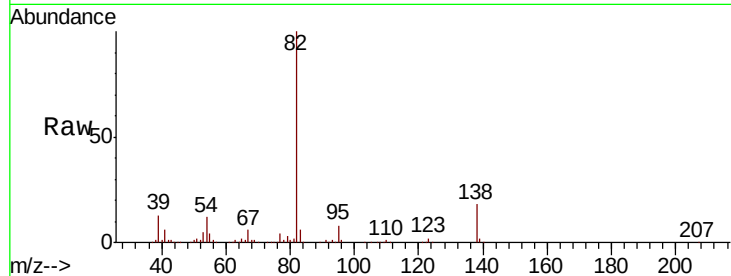
Tot Ion: 82 Resp: 640125

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

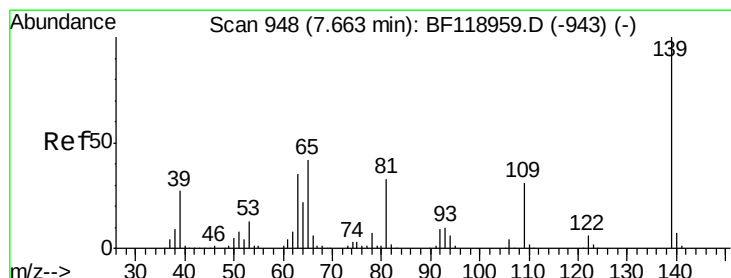
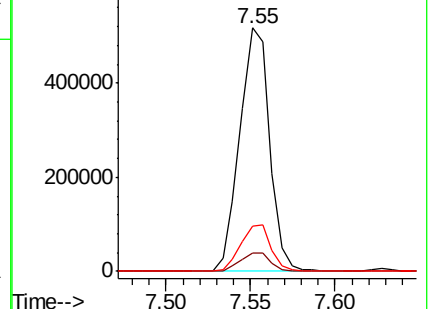
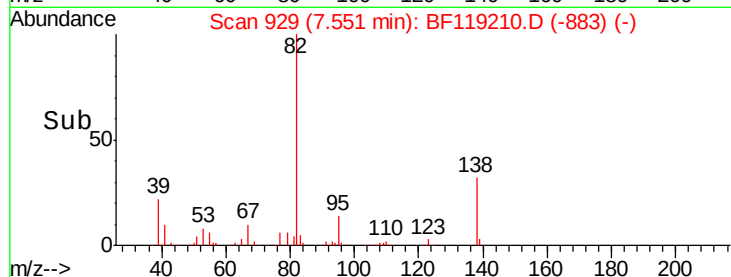
138 18.4 15.7 23.5



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: 45.956 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

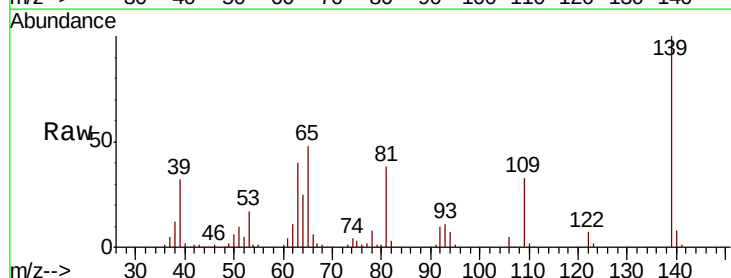
Tgt Ion: 139 Resp: 191973

Ion Ratio Lower Upper

139 100

109 33.0 25.7 38.5

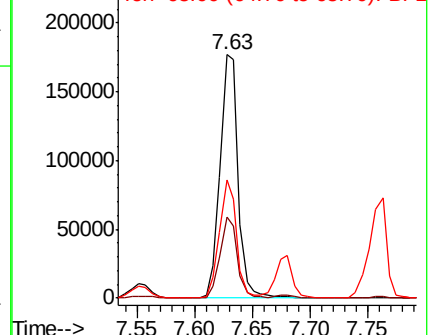
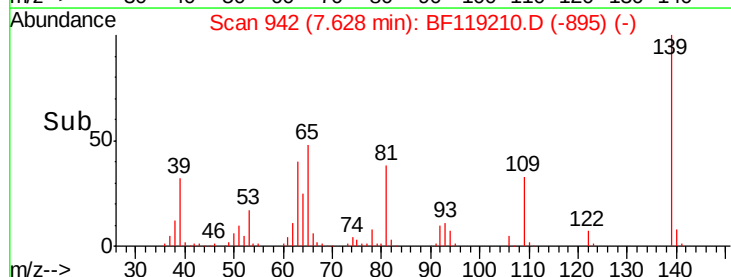
65 48.4 37.1 55.7

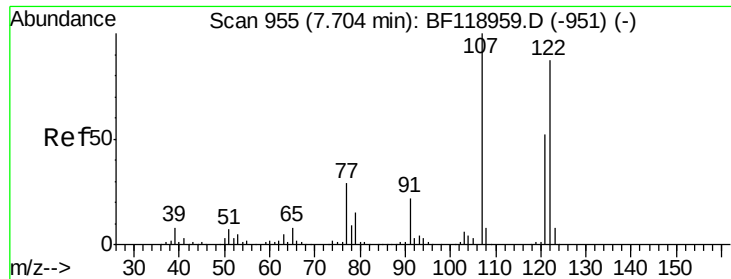


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

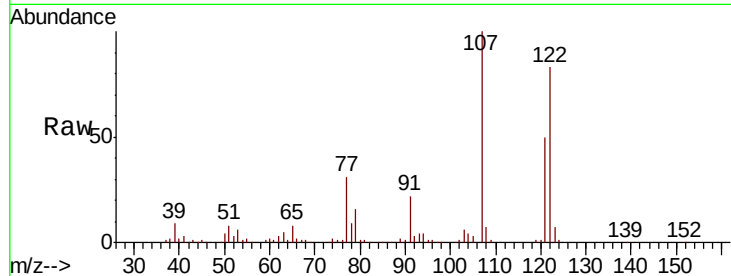




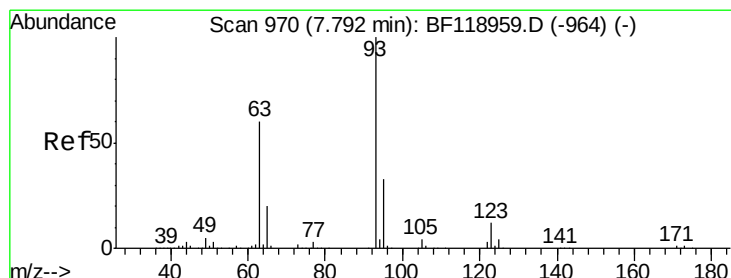
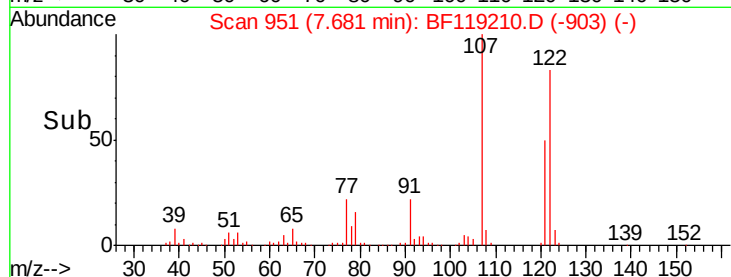
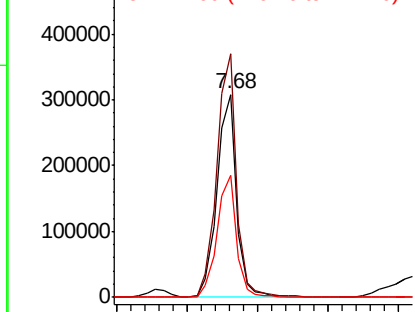
#27
 2,4-Dimethylphenol
 Concen: 52.733 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 298963
 Ion Ratio Lower Upper
 122 100
 107 119.9 93.8 140.6
 121 60.2 48.2 72.2

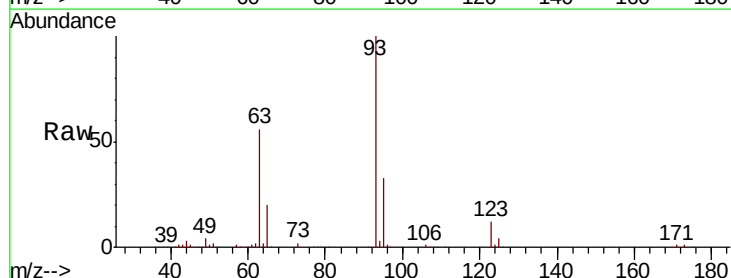


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

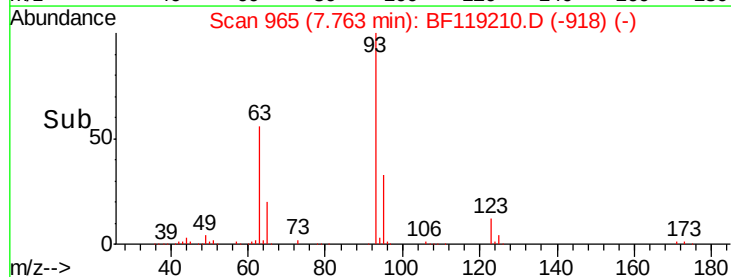
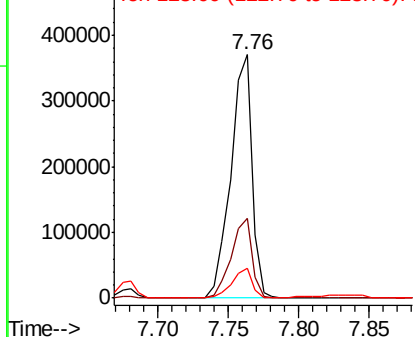


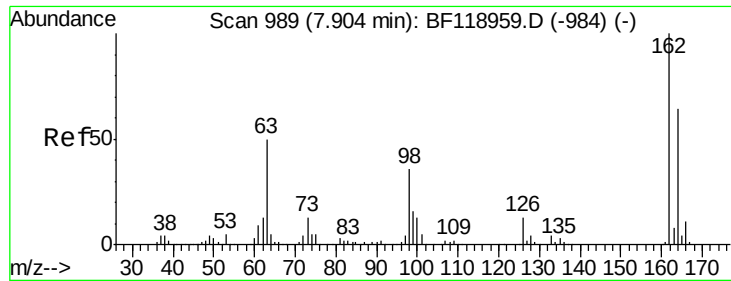
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.159 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion: 93 Resp: 388961
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 12.3 10.2 15.2



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

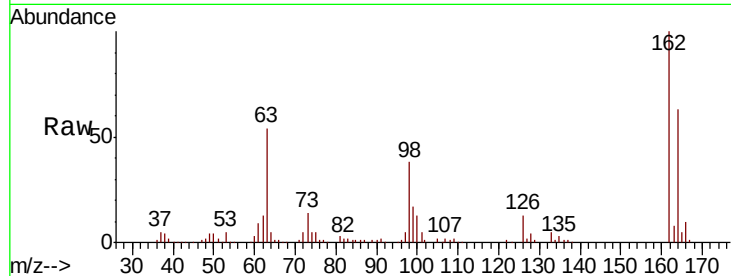




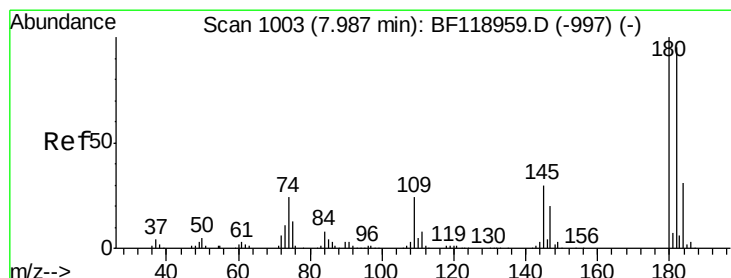
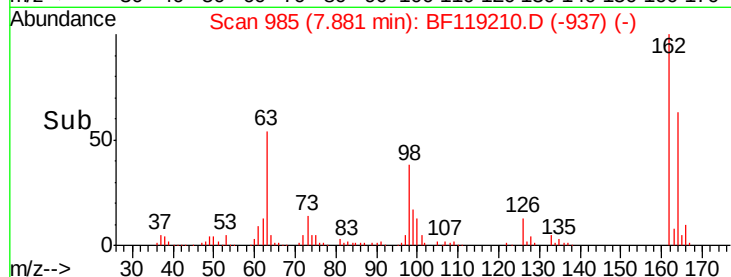
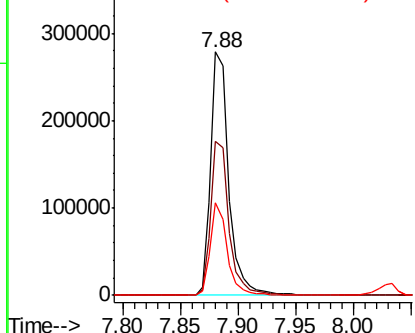
#29
 2,4-Dichlorophenol
 Concen: 45.499 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.2	85.2
98	37.9	17.4	57.4

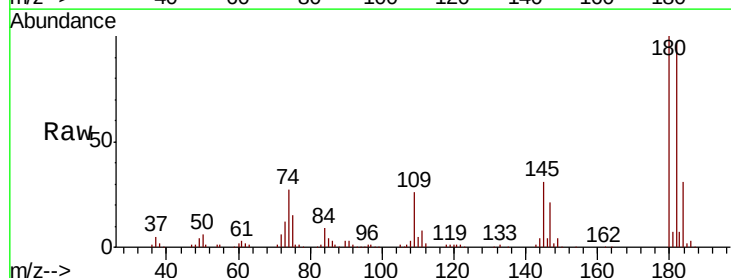


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

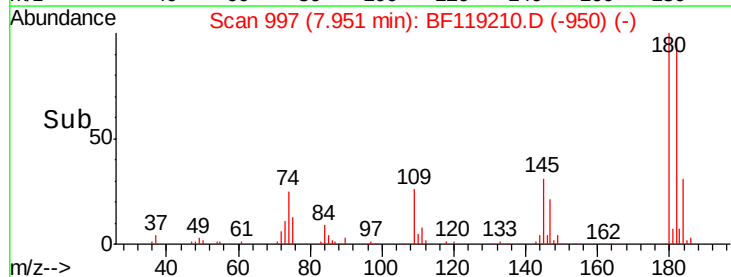
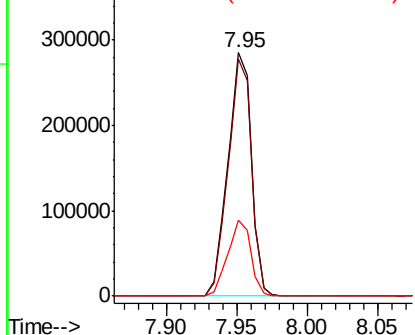


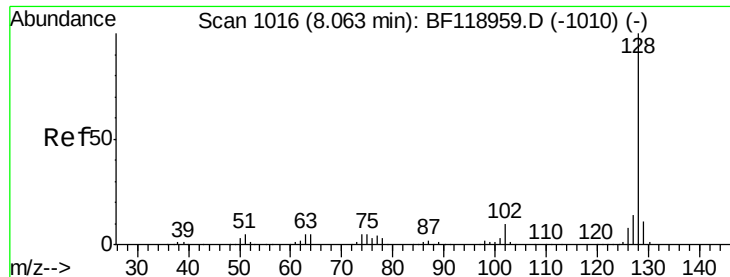
#30
 1,2,4-Trichlorobenzene
 Concen: 41.708 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.8	116.6
145	31.3	25.2	37.8



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

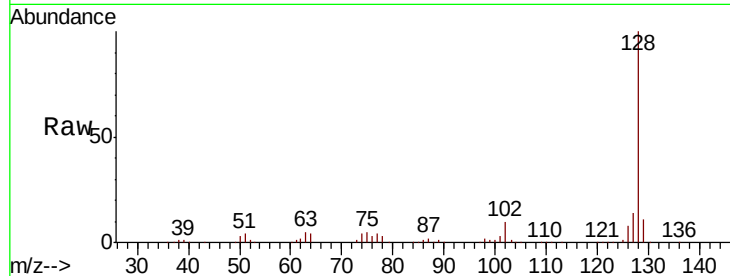




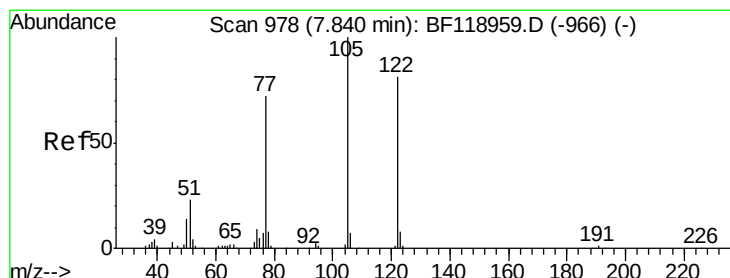
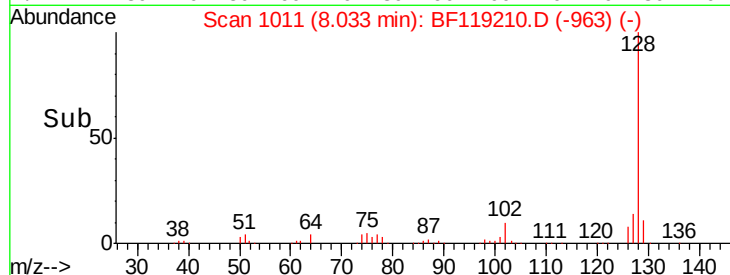
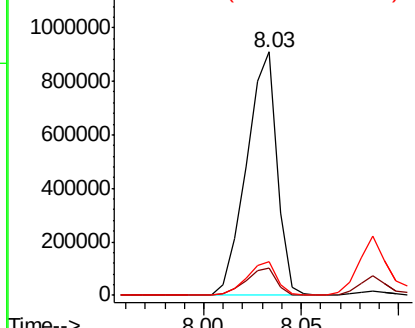
#31
Naphthalene
Concen: 45.193 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 986615
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.8 11.4 17.2

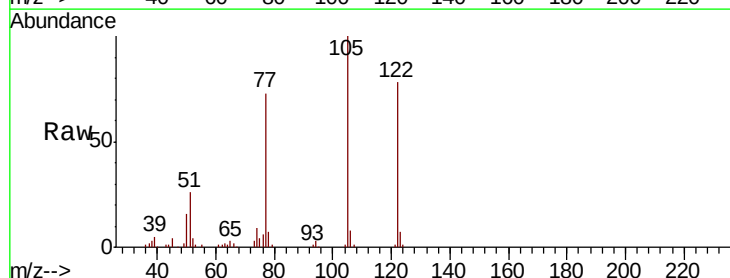


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

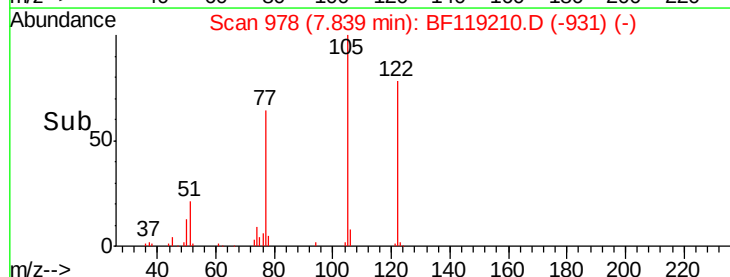
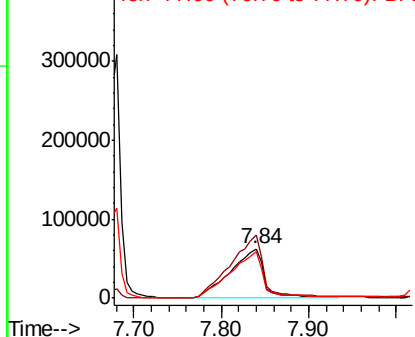


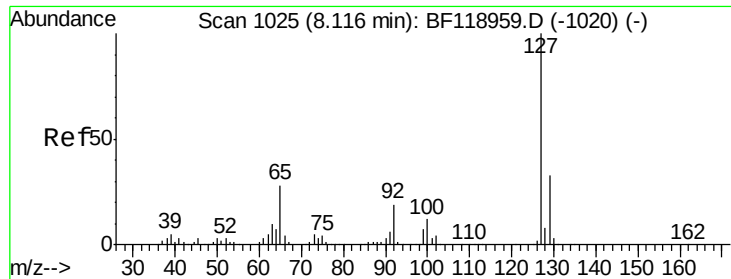
#32
Benzoic acid
Concen: 41.561 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:122 Resp: 167623
Ion Ratio Lower Upper
122 100
105 128.3 106.3 146.3
77 93.4 73.1 113.1



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

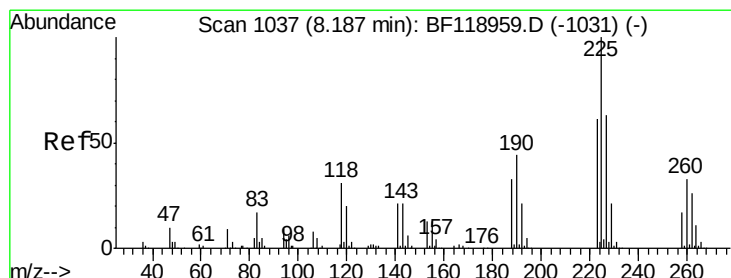
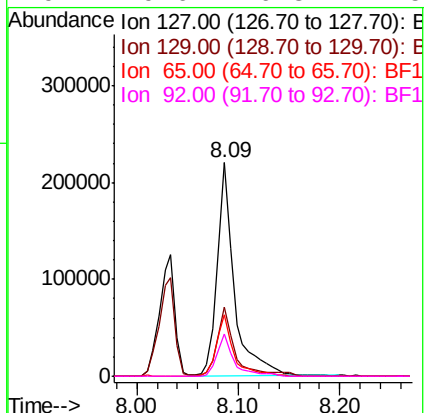
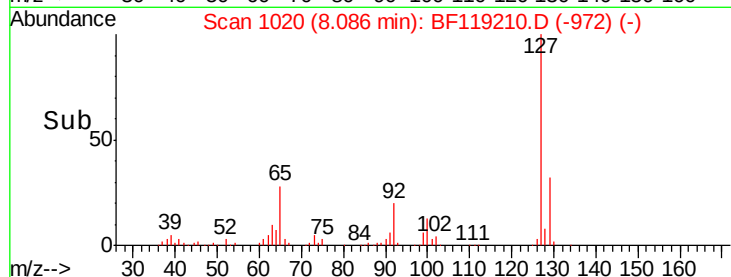
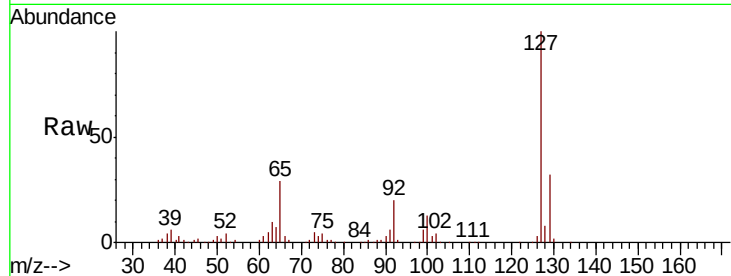




#33
4-Chloroaniline
Concen: 27.774 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

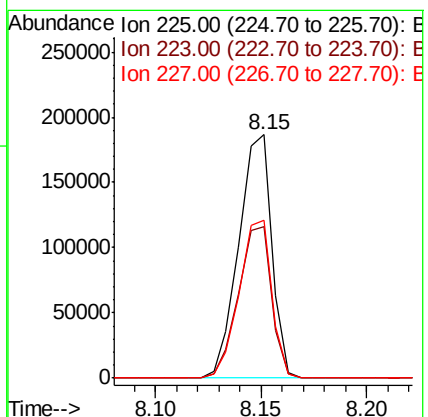
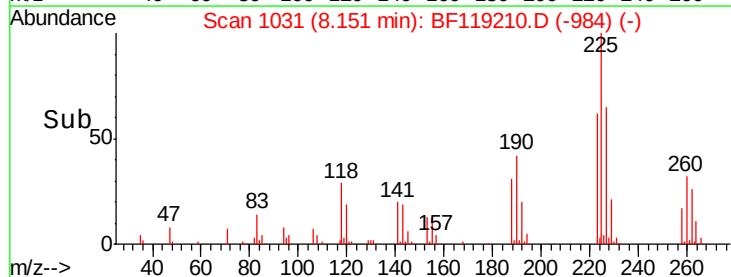
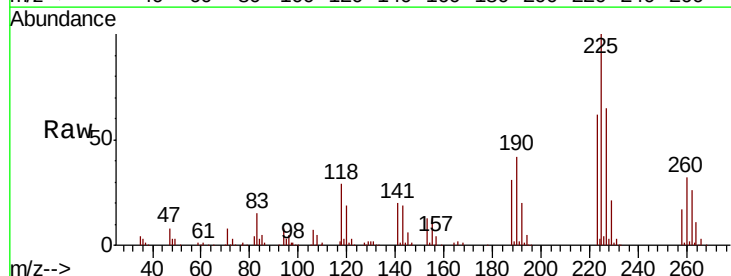
Instrument :
BNA_F
ClientSampleId :

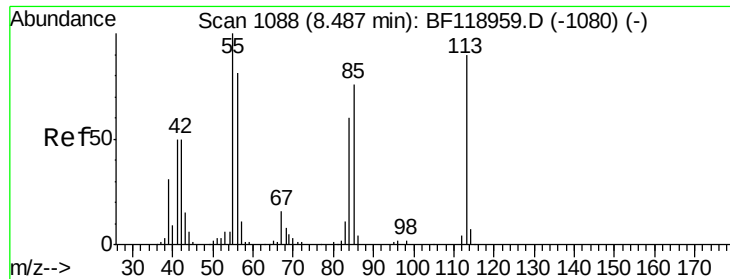
Tot Ion:	127	Resp:	260788
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	29.0	23.9	35.9
92	19.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 41.070 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:	225	Resp:	202439
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	64.7	52.9	79.3

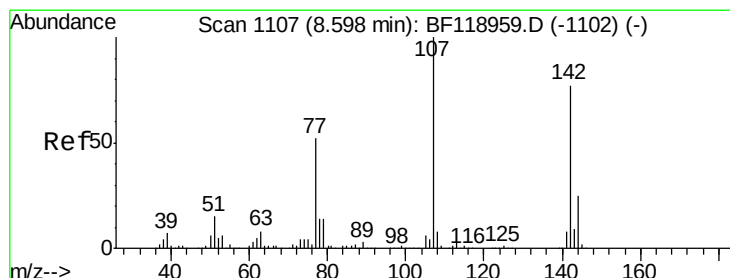
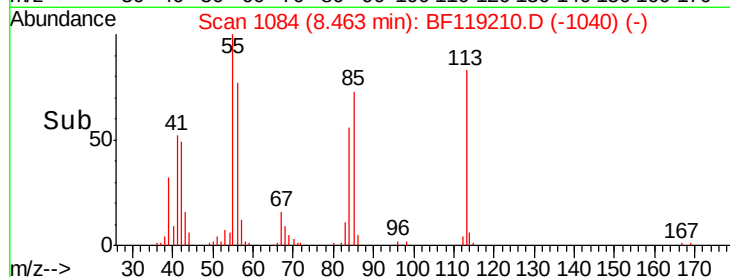
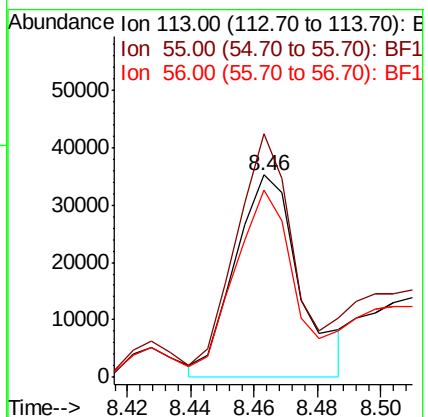
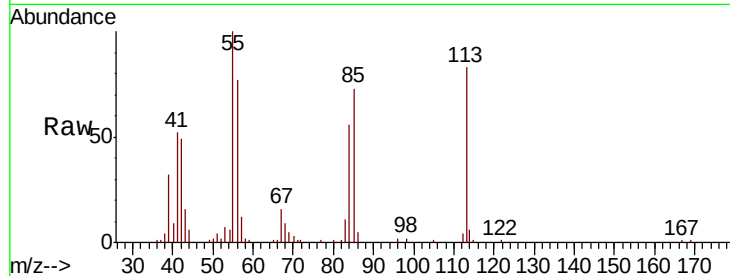




#35
 Caprolactam
 Concen: 24.300 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

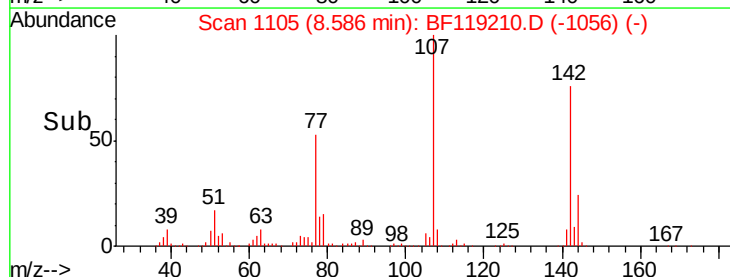
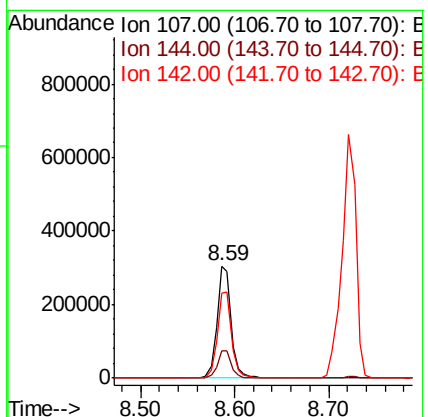
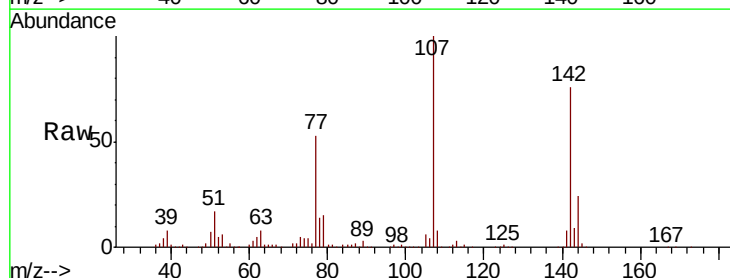
Instrument :
 BNA_F
 ClientSampled :

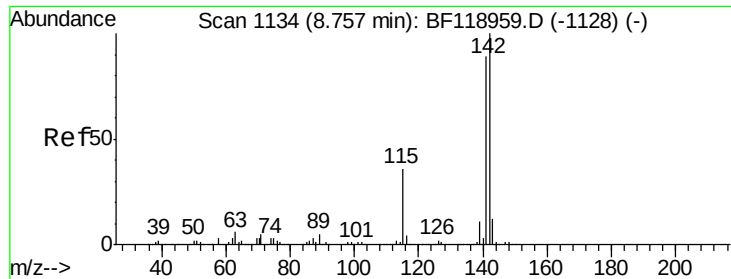
Tot Ion:113 Resp: 49939
 Ion Ratio Lower Upper
 113 100
 55 120.3 95.7 135.7
 56 92.7 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.721 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion:107 Resp: 322336
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.1 30.1
 142 76.1 61.4 92.2

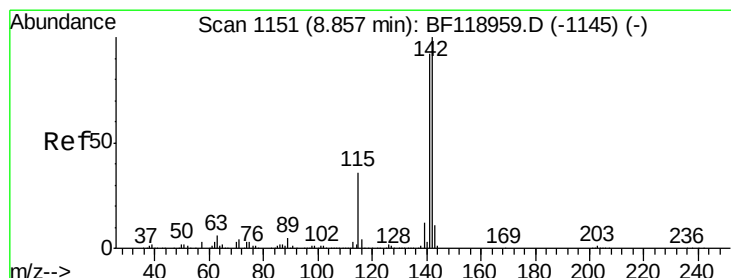
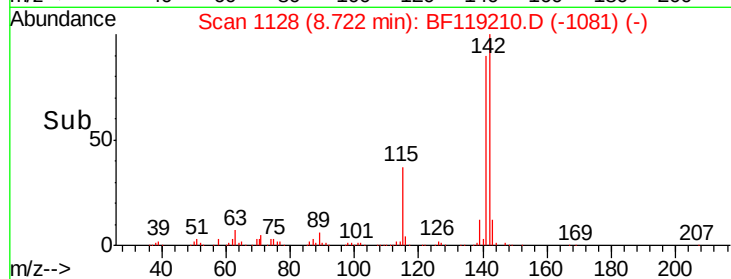
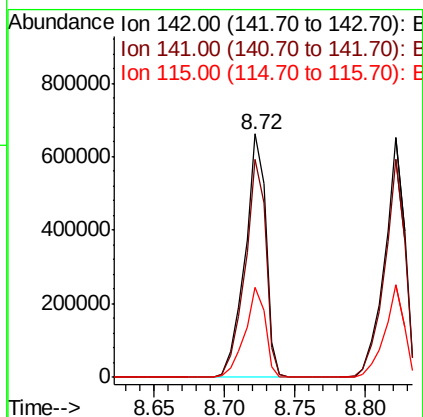
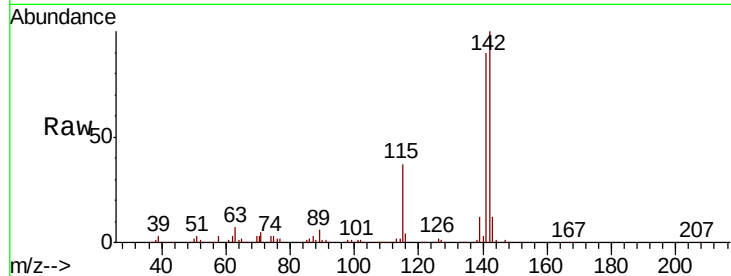




#37
2-Methylnaphthalene
Concen: 46.762 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

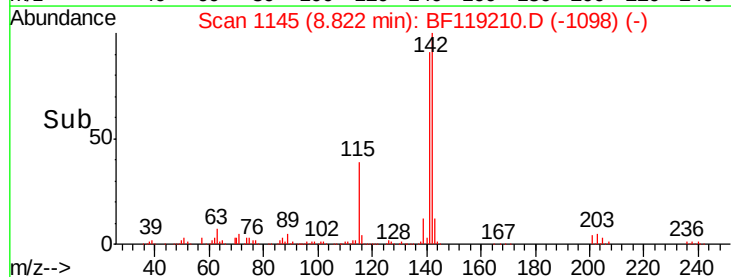
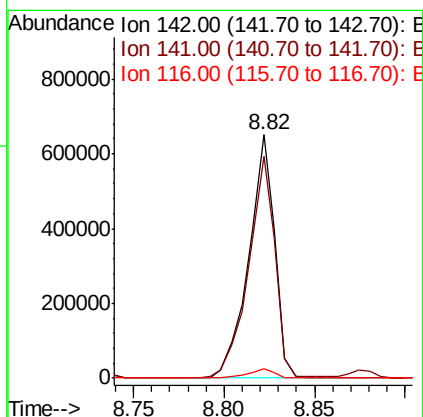
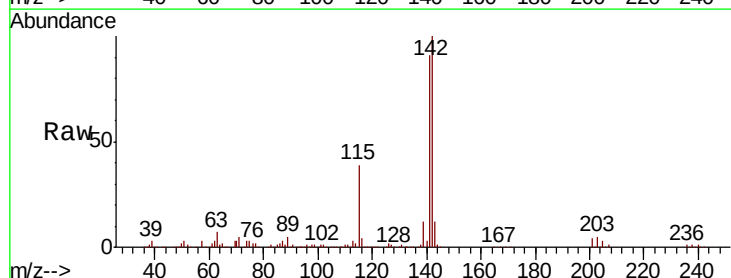
Instrument :
BNA_F
ClientSampleId :

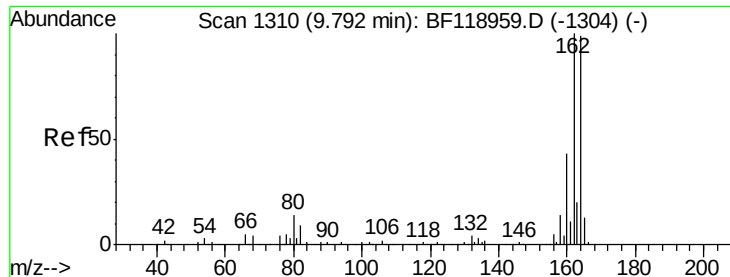
Tot Ion:142 Resp: 687008
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5
115 36.9 30.6 45.8



#38
1-Methylnaphthalene
Concen: 46.515 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:142 Resp: 642687
Ion Ratio Lower Upper
142 100
141 91.2 75.8 113.6
116 3.9 3.1 4.7

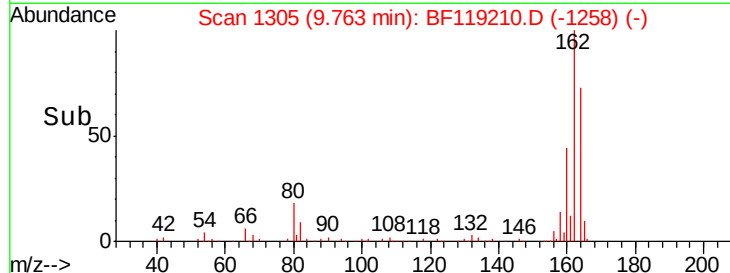
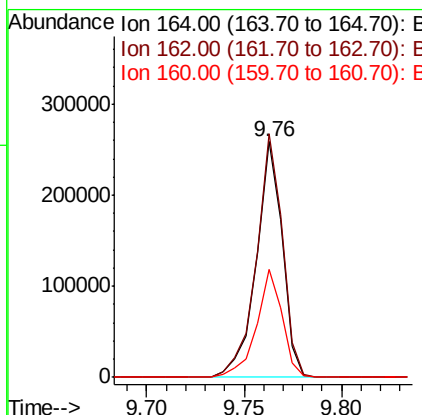
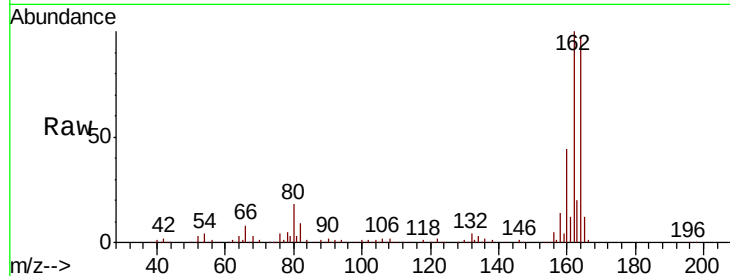




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

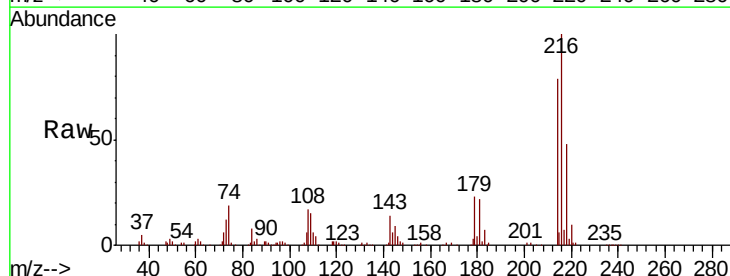
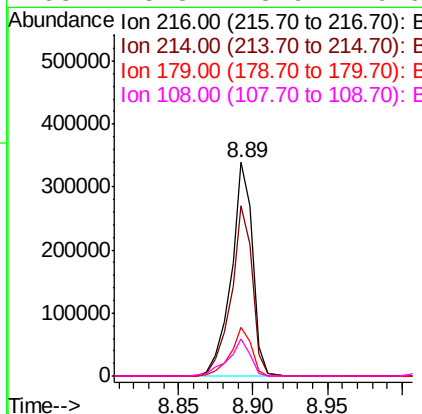
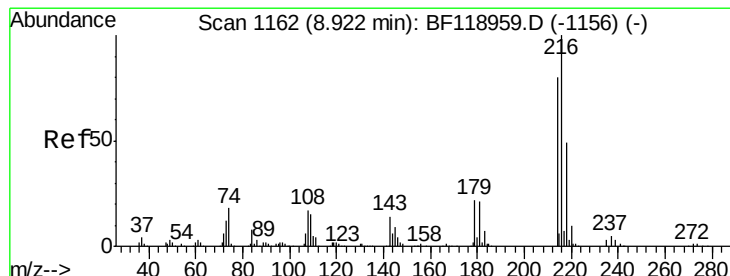
Instrument :
 BNA_F
 ClientSampleId :

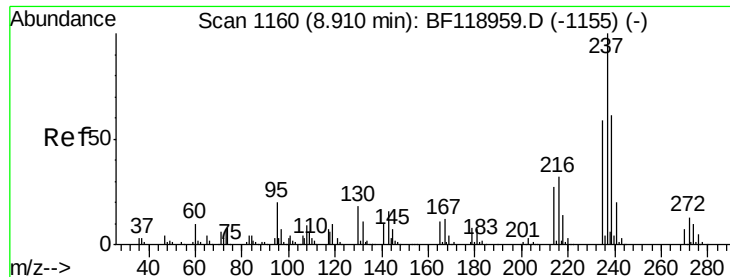
Tot Ion:164 Resp: 239532
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.8 122.8
 160 45.6 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.284 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion:216 Resp: 341485
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.3 94.9
 179 21.9 17.7 26.5
 108 18.3 13.9 20.9

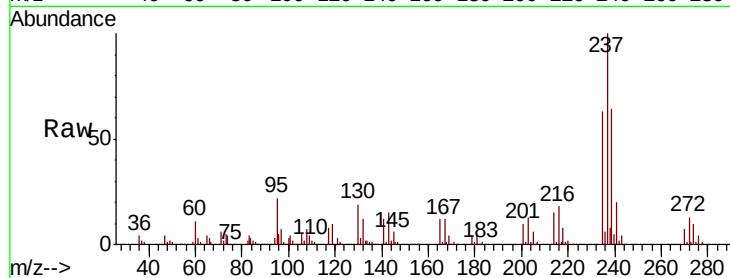




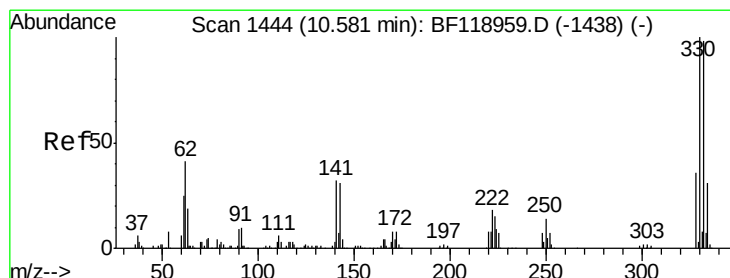
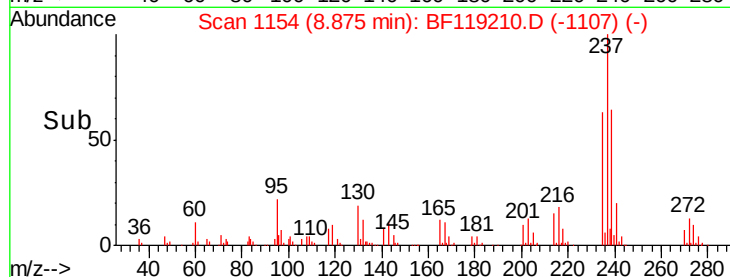
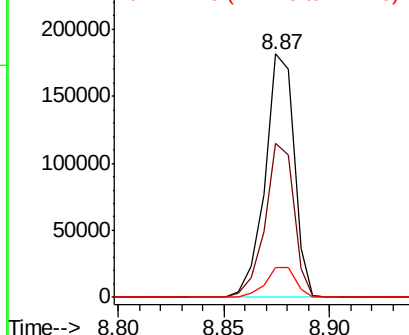
#41
Hexachlorocyclopentadiene
Concen: 61.865 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 174768
Ion Ratio Lower Upper
237 100
235 63.2 42.3 82.3
272 12.5 0.0 33.5

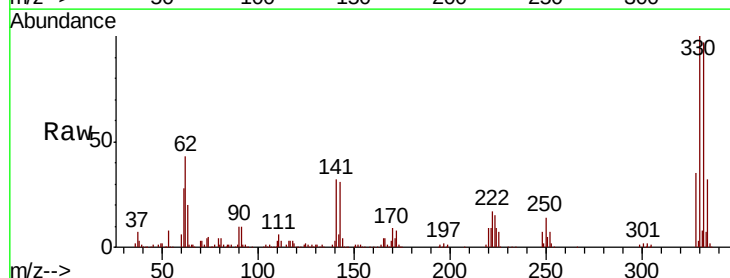


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

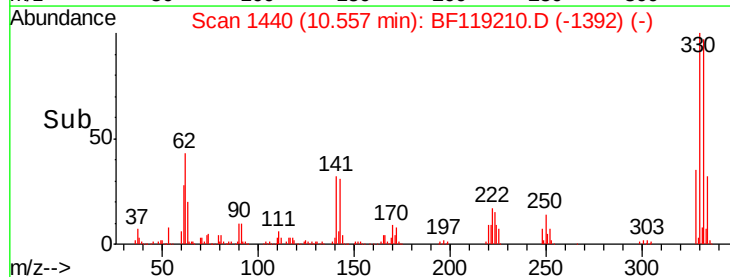
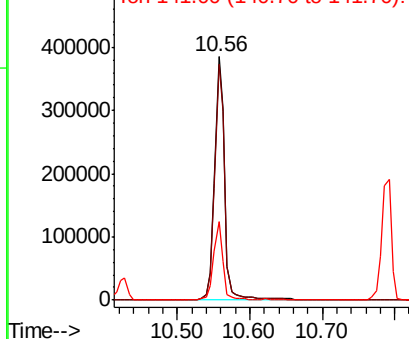


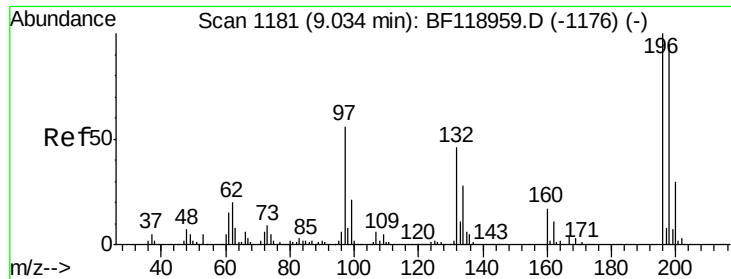
#42
2,4,6-Tribromophenol
Concen: 119.445 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:330 Resp: 374278
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 29.7 22.9 34.3



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

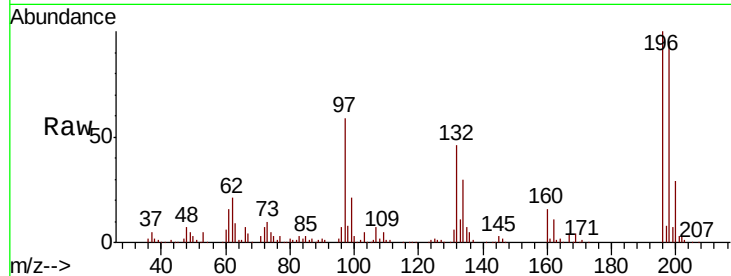




#43
 2,4,6-Trichlorophenol
 Concen: 42.300 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	215726
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.1	115.7
200	29.4	25.0	37.6

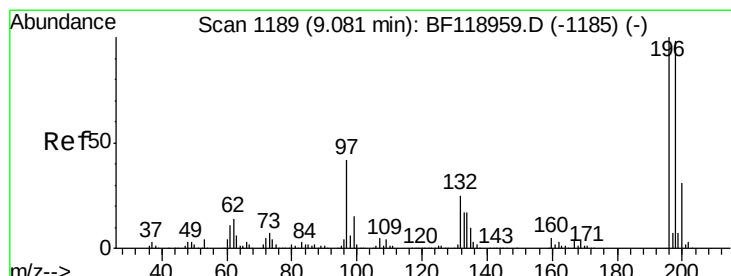
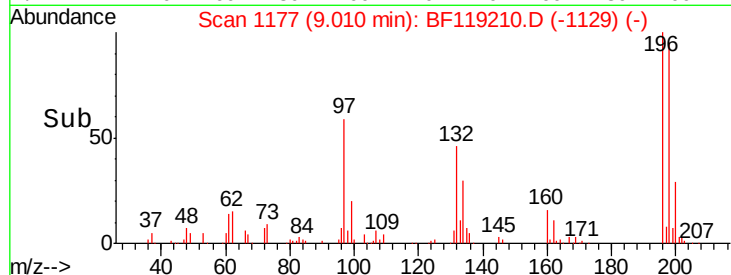
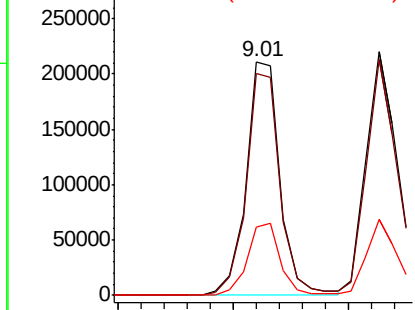


Abundance

Ion 196.00 (195.70 to 196.70): E

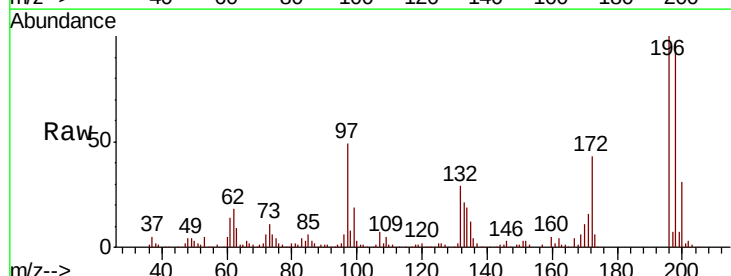
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.187 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	196	Resp	225771
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.8	115.2
97	49.1	38.5	57.7
132	28.7	22.2	33.4



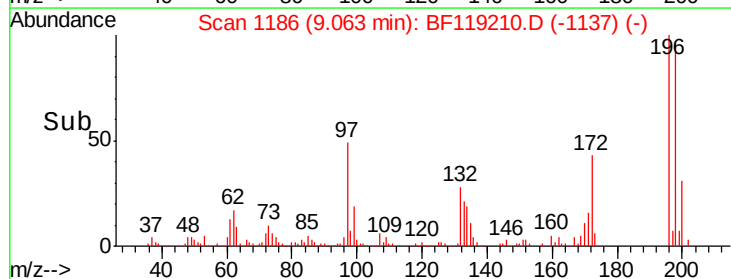
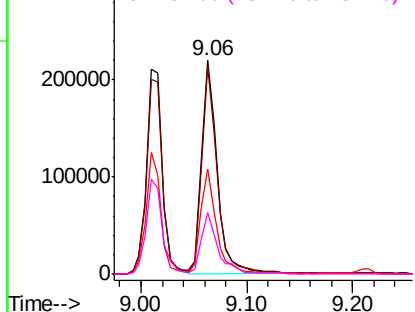
Abundance

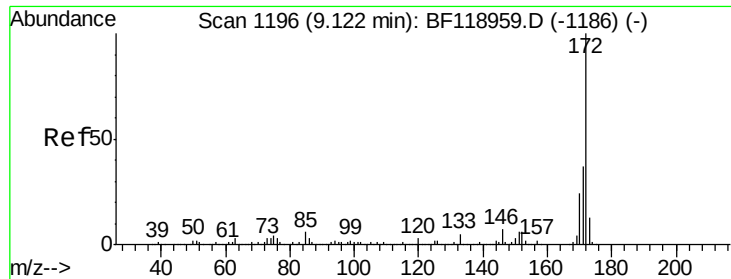
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

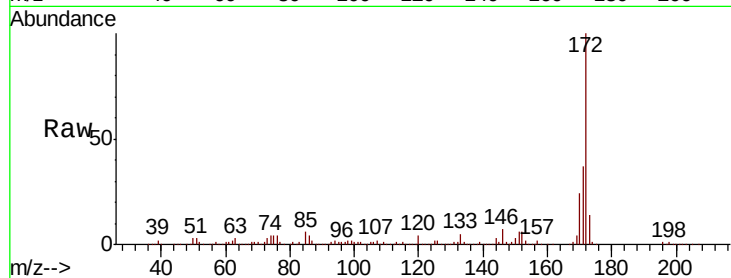




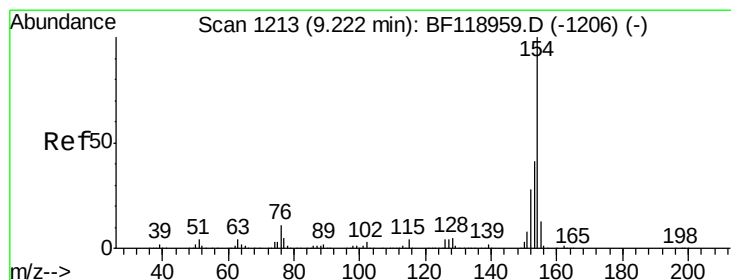
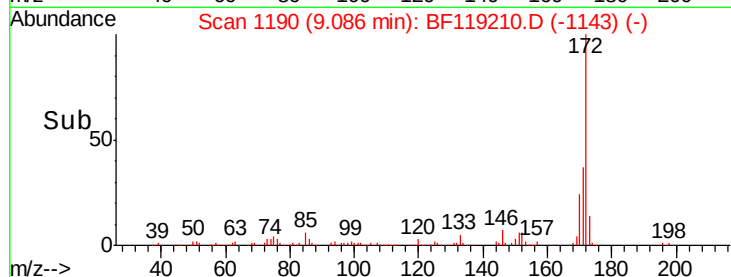
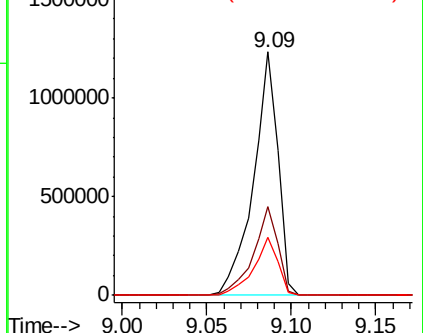
#45
2-Fluorobiphenyl
Concen: 77.020 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1252312
Ion Ratio Lower Upper
172 100
171 36.6 30.6 45.8
170 24.1 20.2 30.2

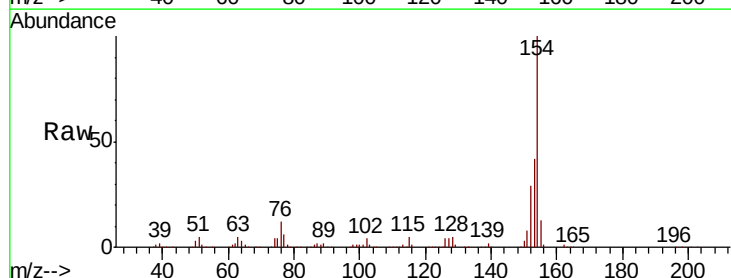


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

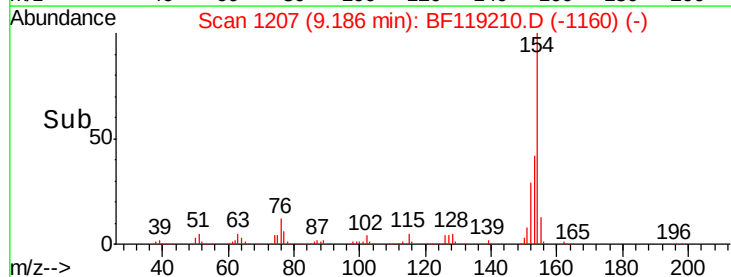
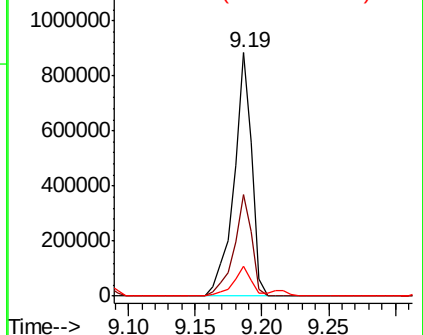


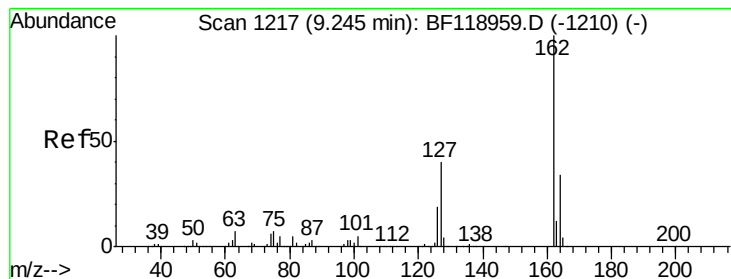
#46
1,1'-Biphenyl
Concen: 42.954 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:154 Resp: 831540
Ion Ratio Lower Upper
154 100
153 41.9 22.8 62.8
76 12.1 0.0 32.2



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: 42.539 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

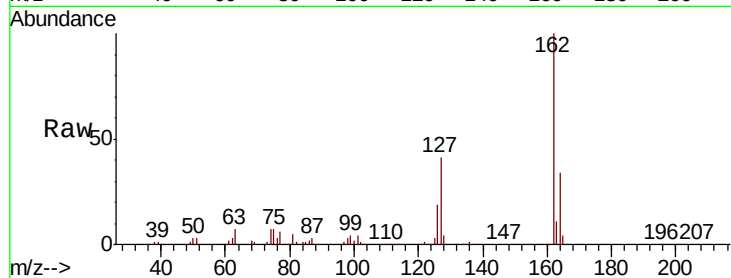
Tot Ion:162 Resp: 663634

Ion Ratio Lower Upper

162 100

127 41.2 35.0 52.4

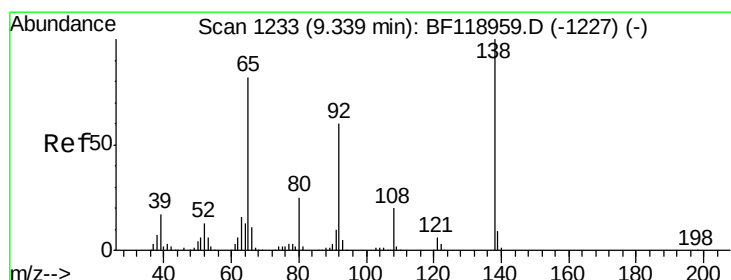
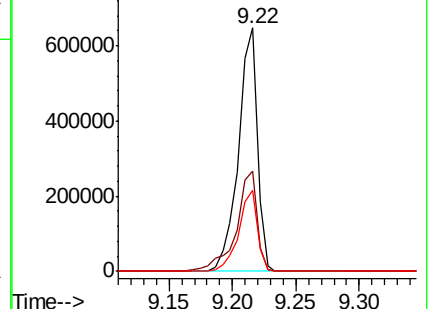
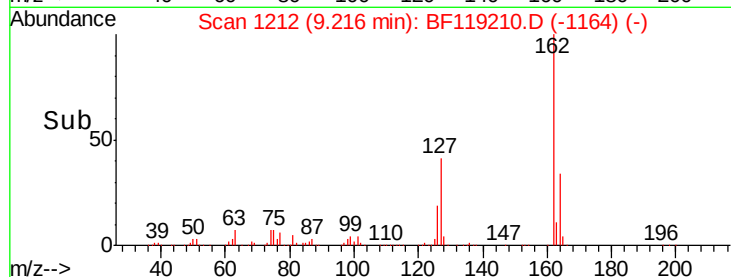
164 33.5 27.2 40.8



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: 42.875 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

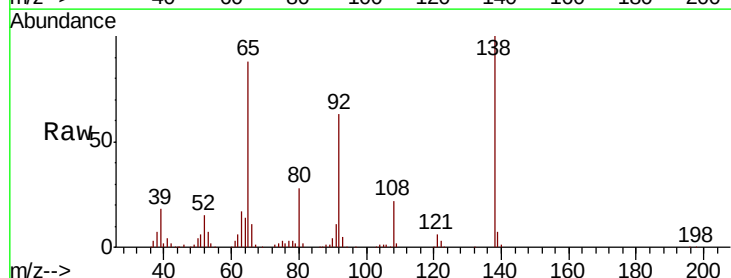
Tgt Ion: 65 Resp: 186560

Ion Ratio Lower Upper

65 100

92 71.3 58.2 87.2

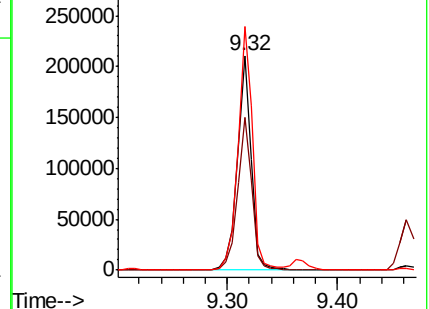
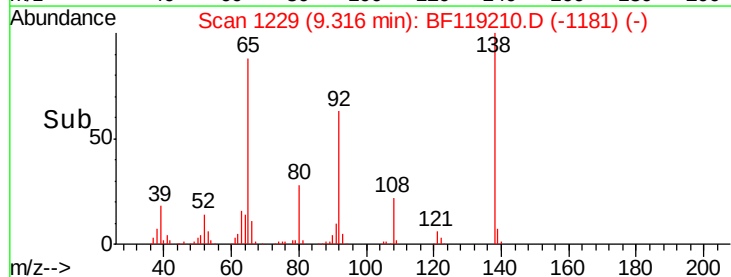
138 113.5 95.6 143.4

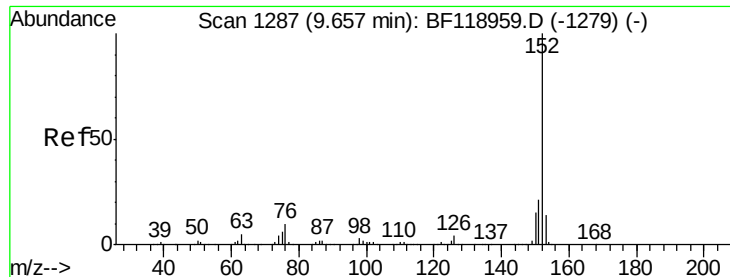


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.288 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampled :

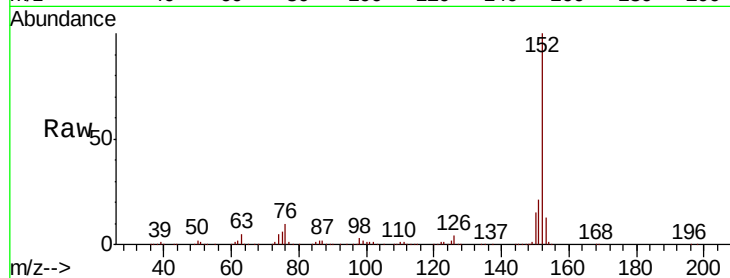
Tot Ion:152 Resp: 1020418

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

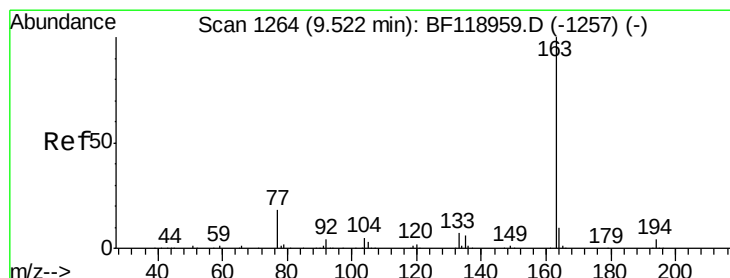
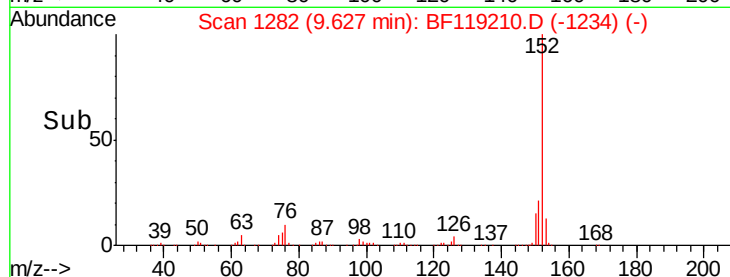
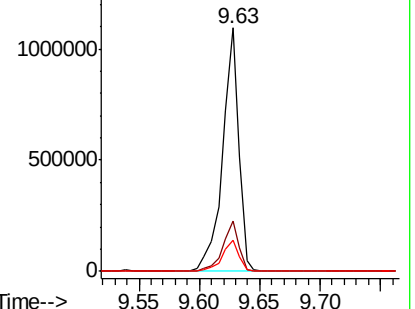
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.119 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

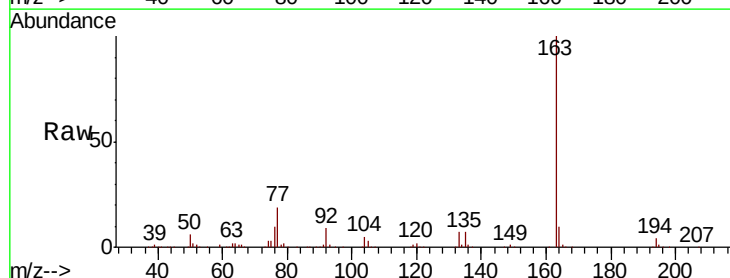
Tgt Ion:163 Resp: 808101

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

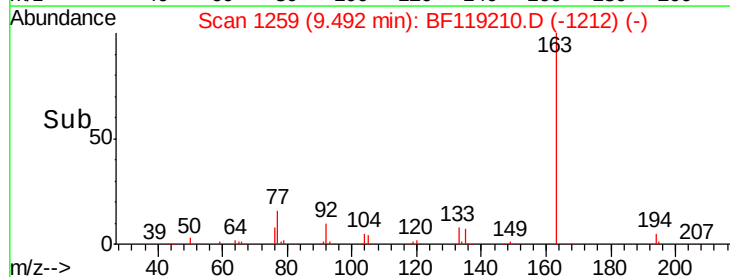
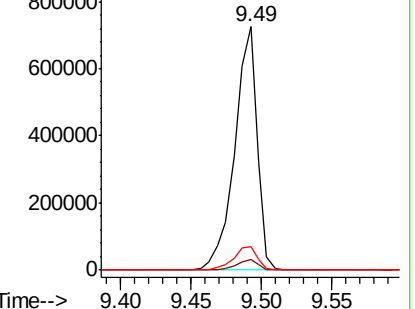
164 9.7 8.4 12.6

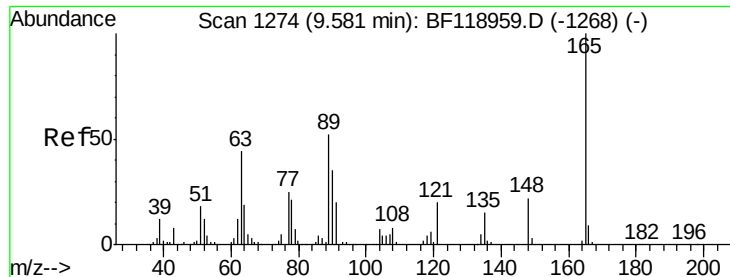


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

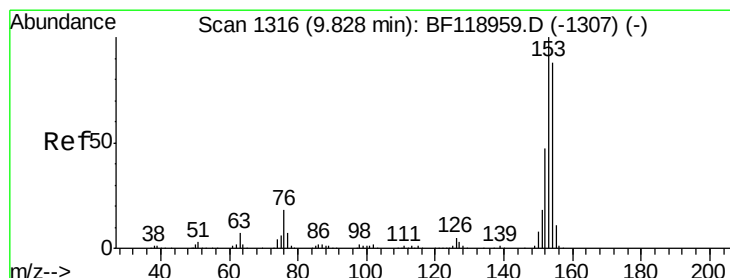
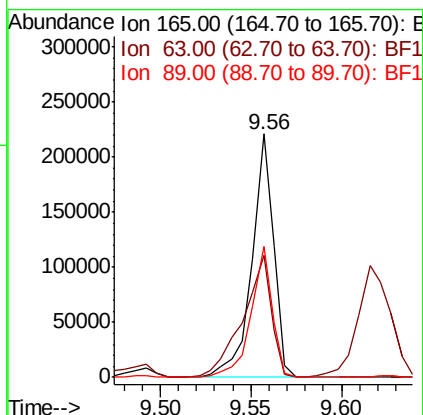
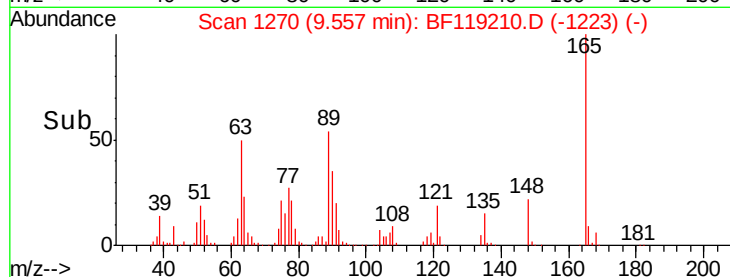
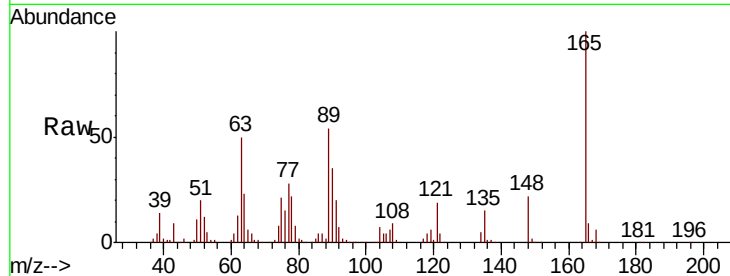




#51
 2,6-Dinitrotoluene
 Concen: 45.227 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

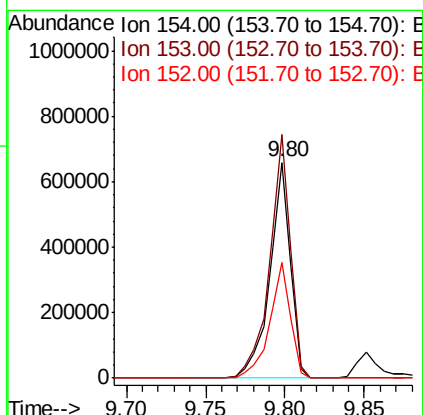
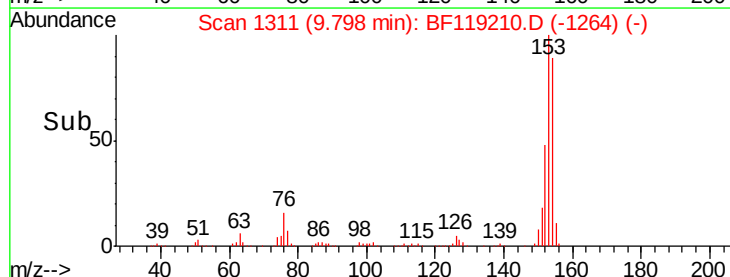
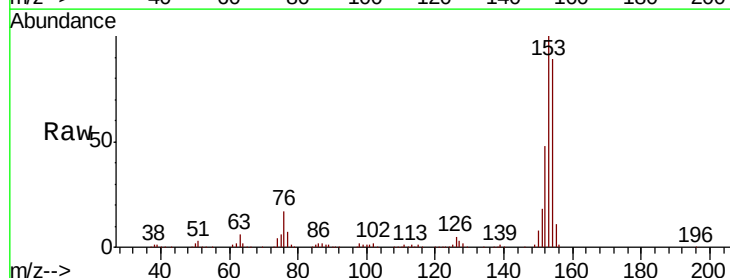
Instrument :
 BNA_F
 ClientSampled :

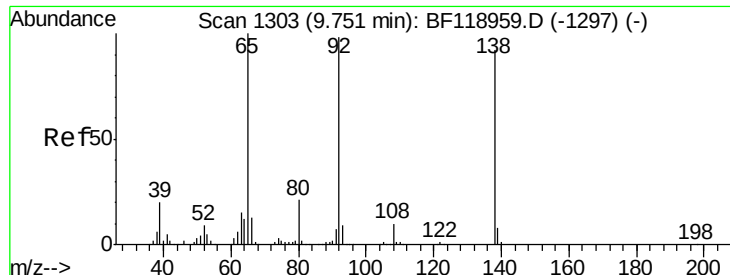
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	34.3	51.5
89	53.8	38.3	57.5



#52
 Acenaphthene
 Concen: 44.302 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.3	135.5
152	53.8	43.8	65.8

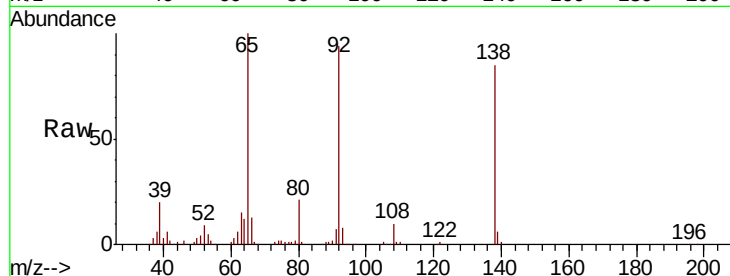




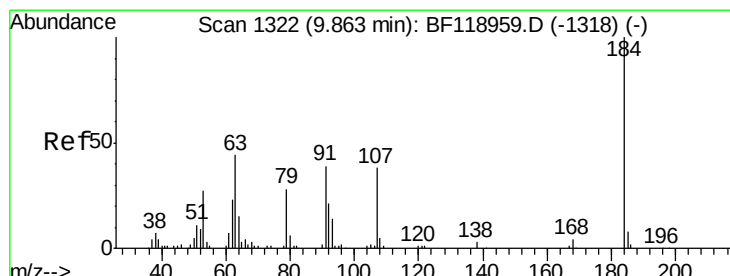
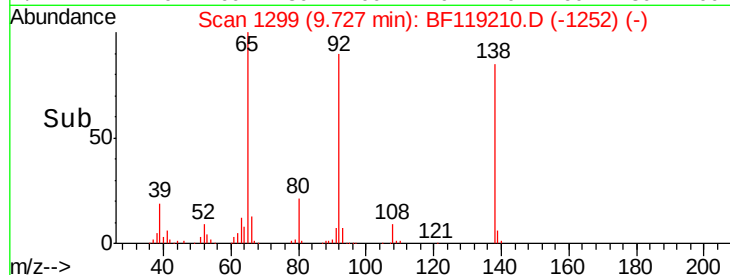
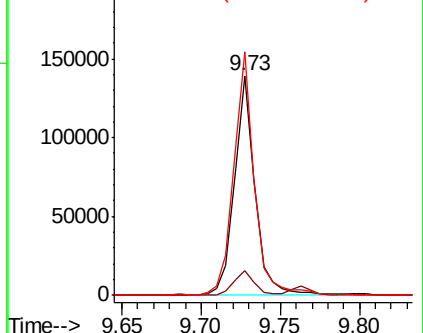
#53
3-Nitroaniline
Concen: 28.101 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 126775
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 110.9 84.8 127.2

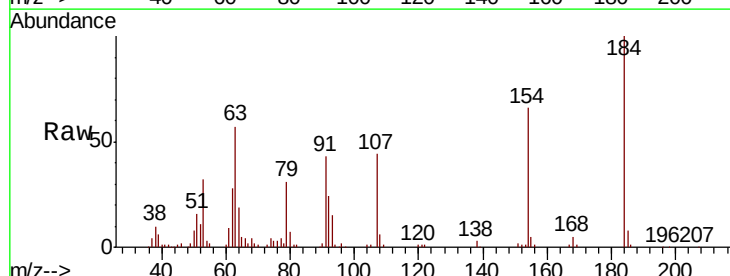


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

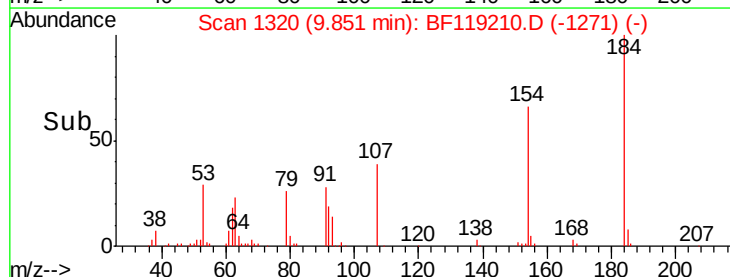
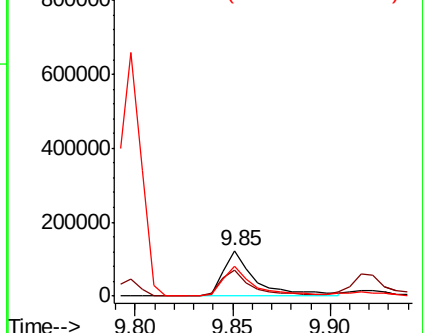


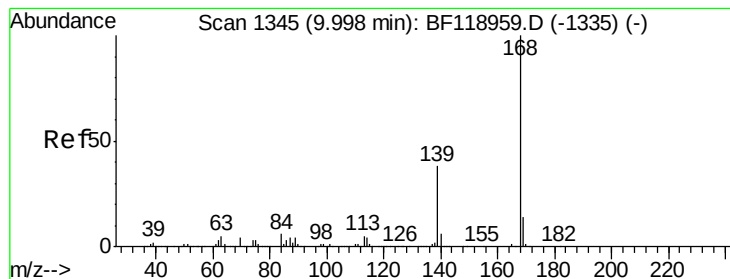
#54
2,4-Dinitrophenol
Concen: 71.548 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:184 Resp: 139786
Ion Ratio Lower Upper
184 100
63 57.0 38.7 58.1
154 66.0 49.7 74.5



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





#55

Dibenzenofuran

Concen: 44.340 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

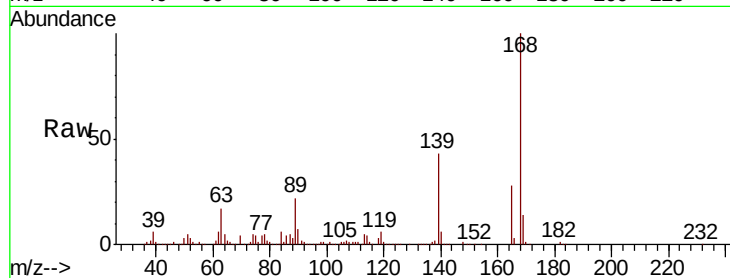
Tot Ion:168 Resp: 899162

Ion Ratio Lower Upper

168 100

139 42.7 34.0 51.0

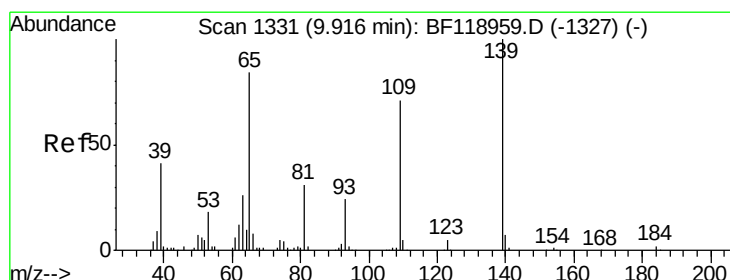
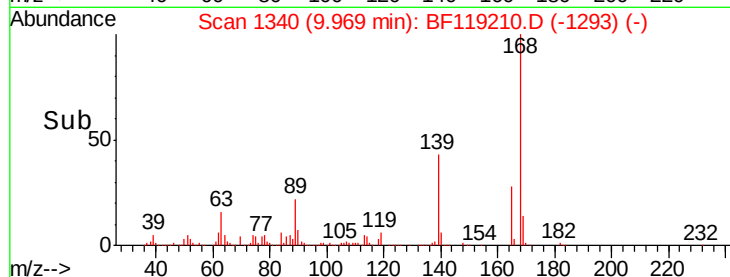
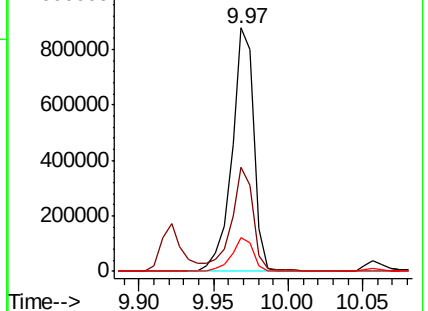
169 14.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.332 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

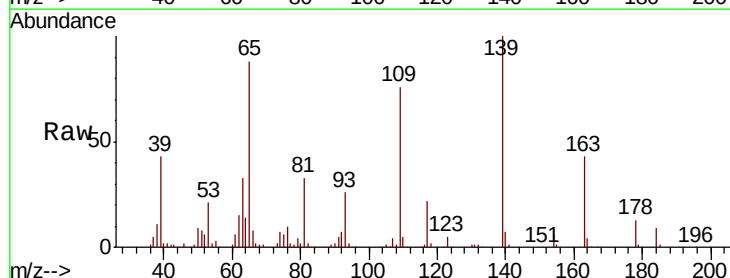
Tgt Ion:139 Resp: 177087

Ion Ratio Lower Upper

139 100

109 75.6 56.7 96.7

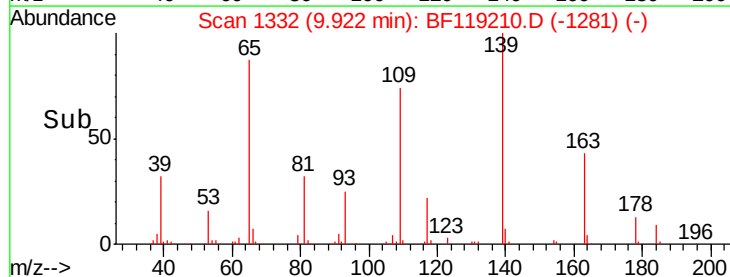
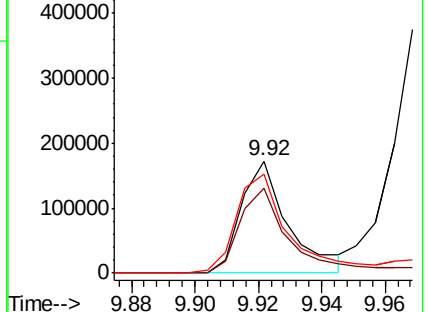
65 88.3 65.0 105.0

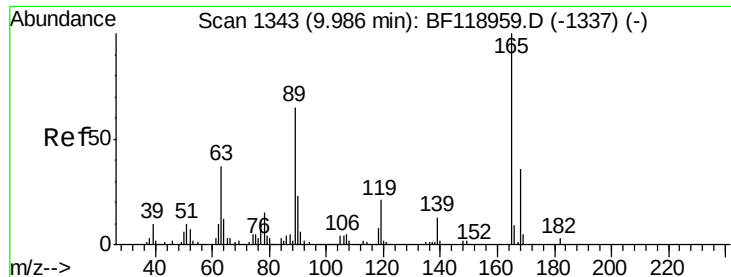


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

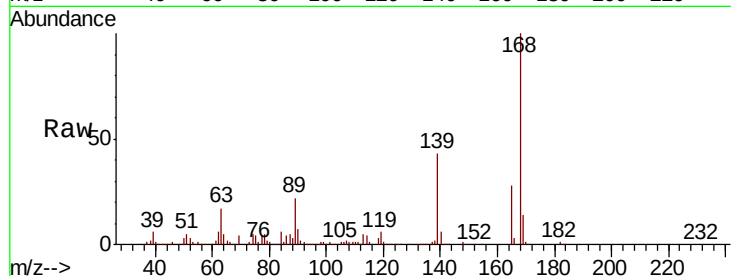




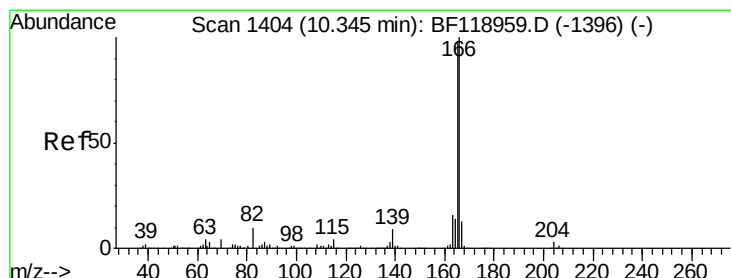
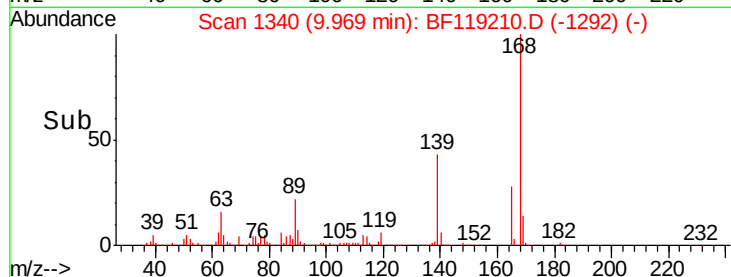
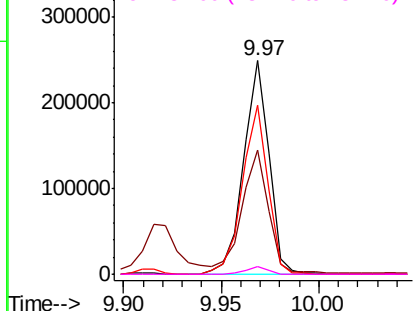
#57
 2,4-Dinitrotoluene
 Concen: 42.575 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 224572
 Ion Ratio Lower Upper
 165 100
 63 58.2 42.3 63.5
 89 79.1 60.2 90.4
 182 3.3 2.3 3.5

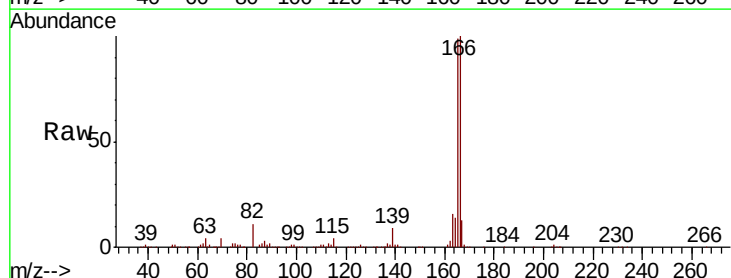


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

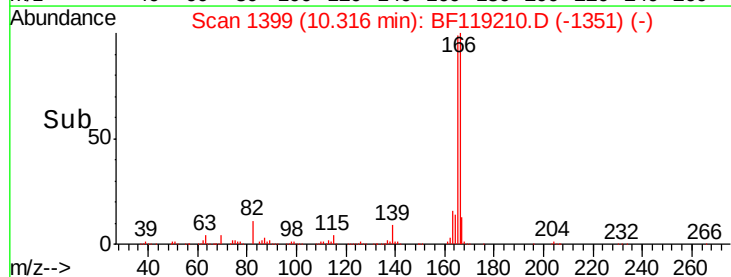
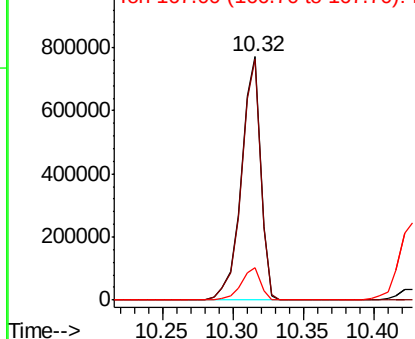


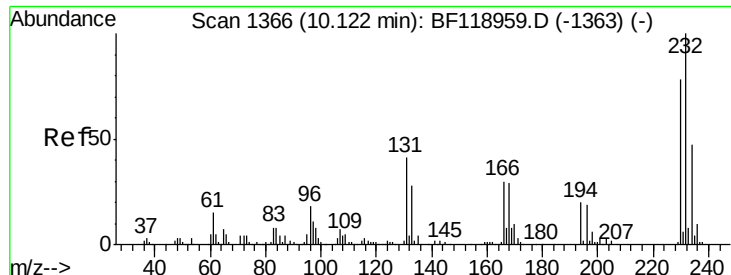
#58
 Fluorene
 Concen: 46.482 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion:166 Resp: 732449
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.3 11.0 16.4



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

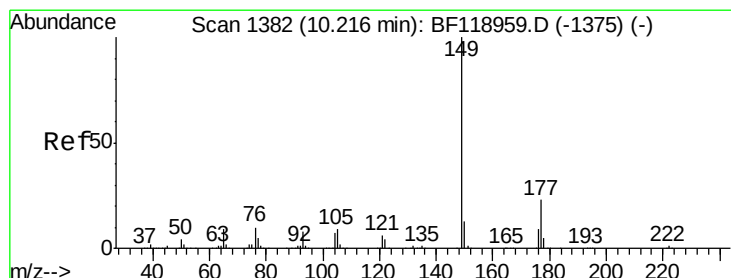
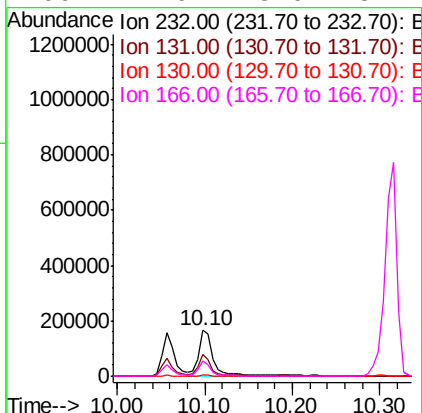
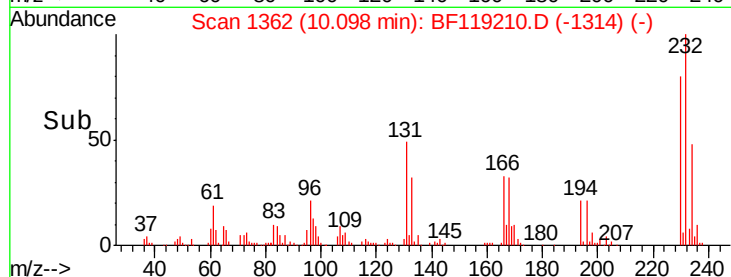
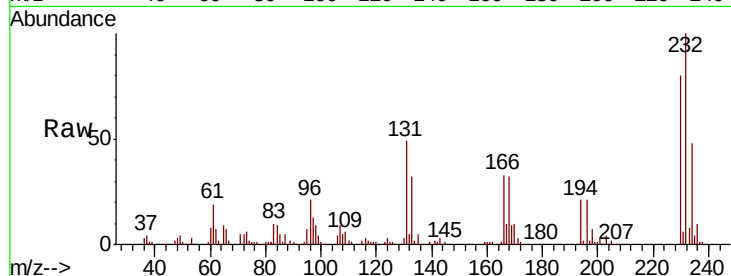




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.855 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

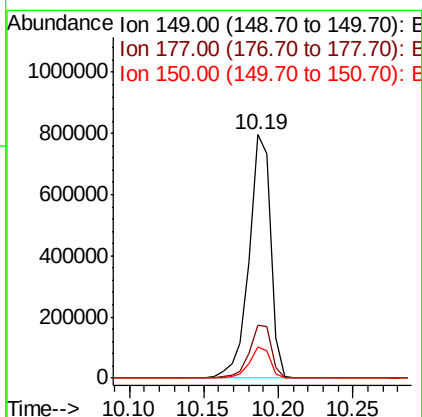
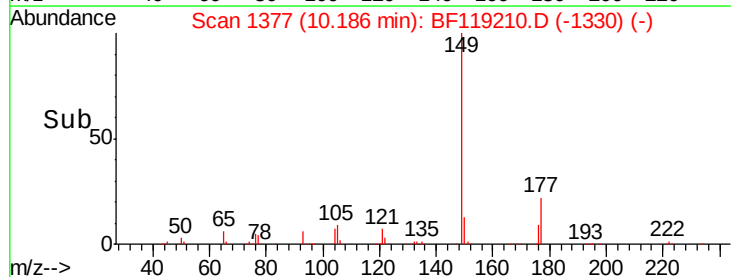
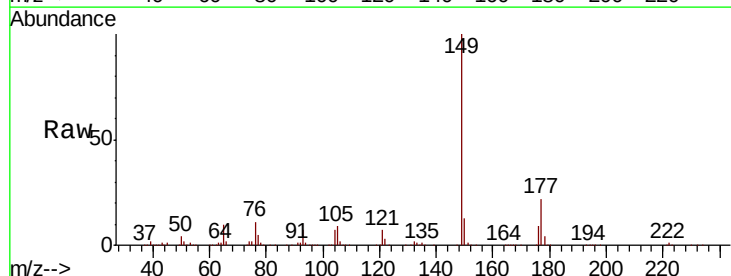
Instrument :
 BNA_F
 ClientSampled :

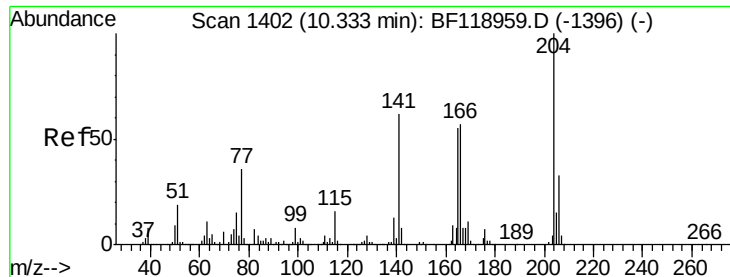
Tot Ion:	232	Resp:	193523
Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.8	50.8
130	2.4	1.8	2.6
166	27.6	23.0	34.4



#60
 Diethylphthalate
 Concen: 45.750 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion:	149	Resp:	789690
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.7	10.5	15.7

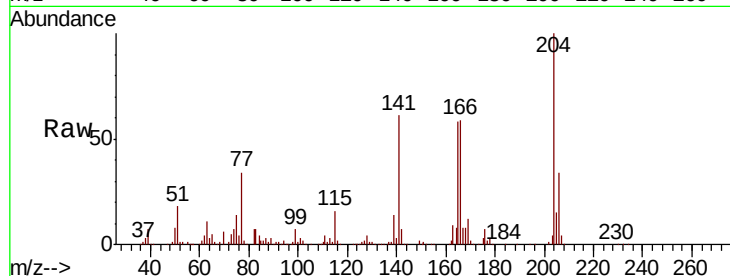




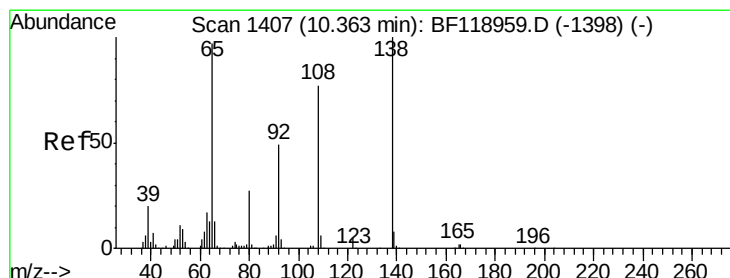
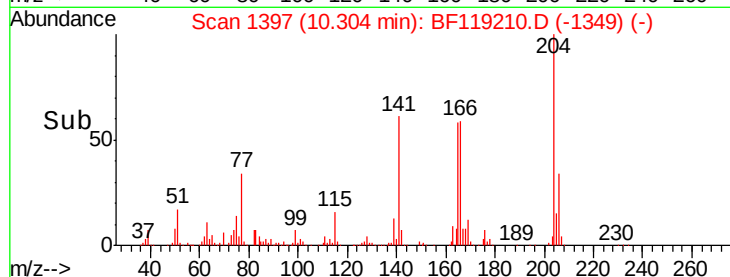
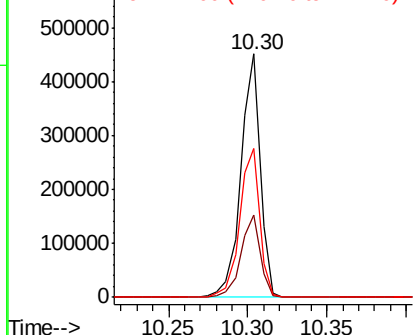
#61
 4-Chlorophenyl-phenylether
 Concen: 45.771 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.1	40.7
141	61.4	52.9	79.3

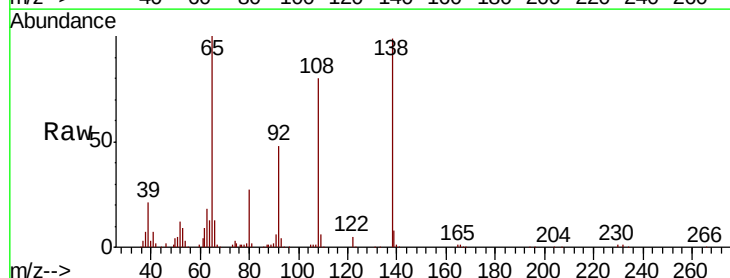


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

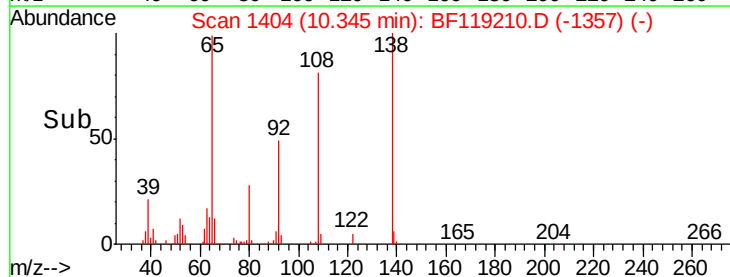
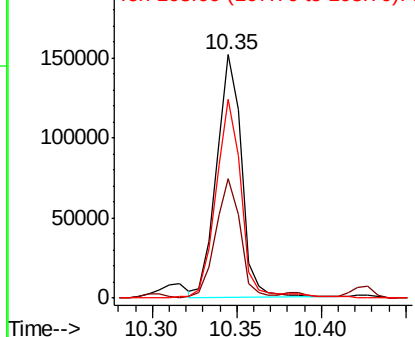


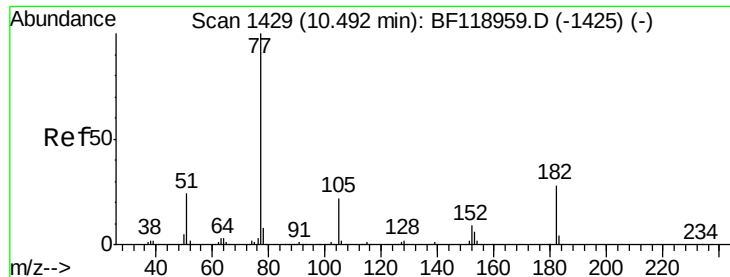
#62
 4-Nitroaniline
 Concen: 33.850 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	81.7	57.0	97.0



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: 46.484 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 697432

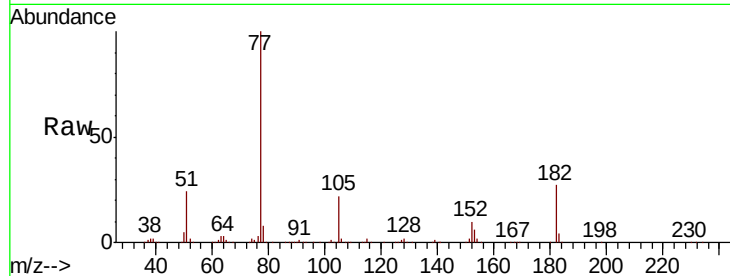
Ion Ratio Lower Upper

77 100

182 27.4 11.4 51.4

105 22.2 3.4 43.4

51 24.2 5.1 45.1

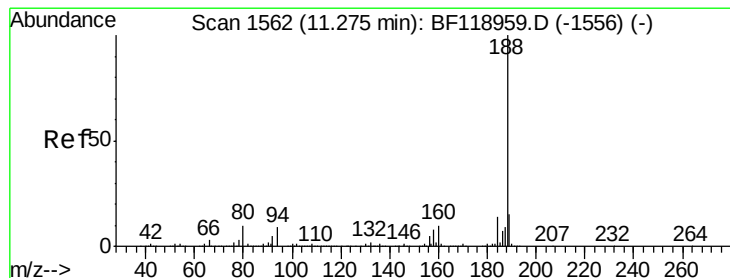
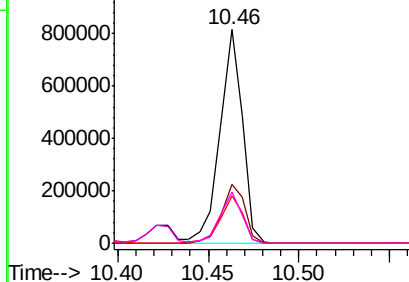
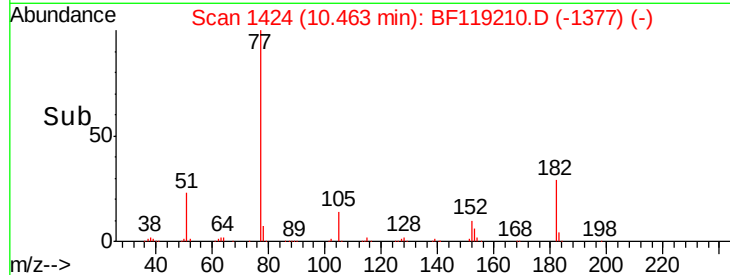


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

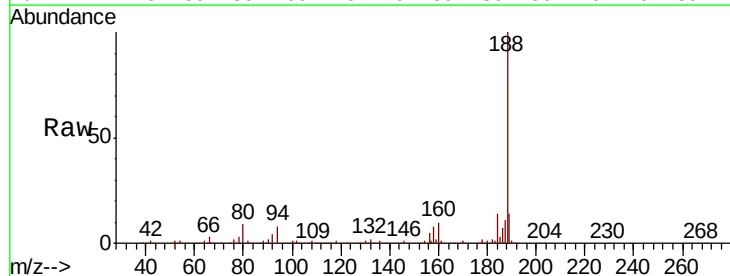
Tgt Ion: 188 Resp: 444675

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

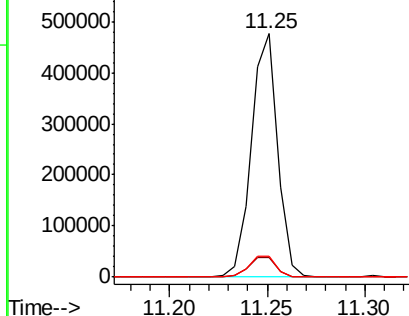
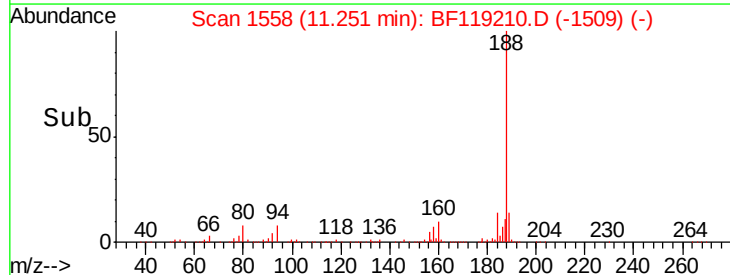
80 8.6 7.8 11.8

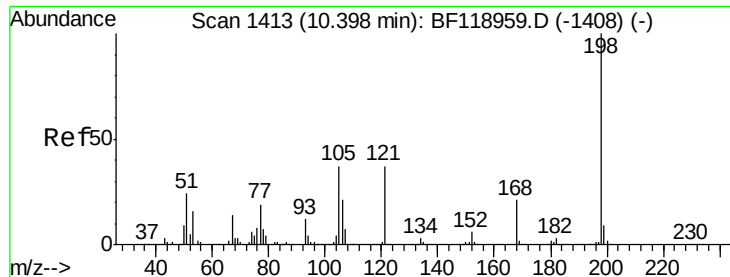


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

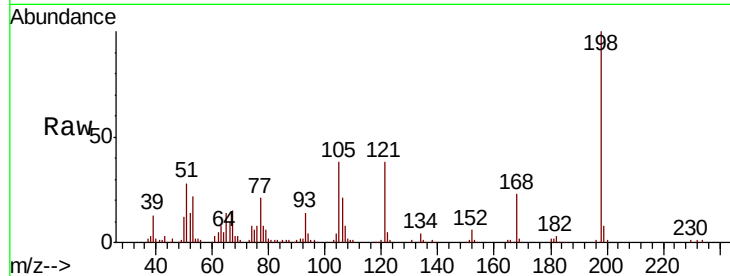




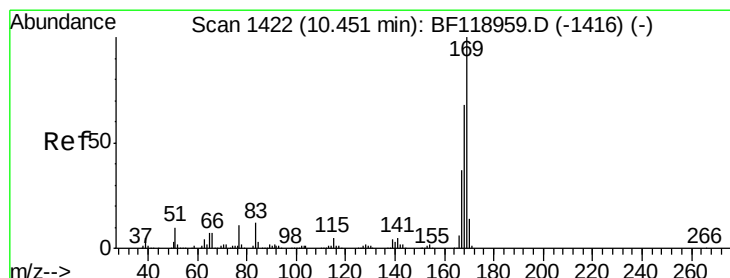
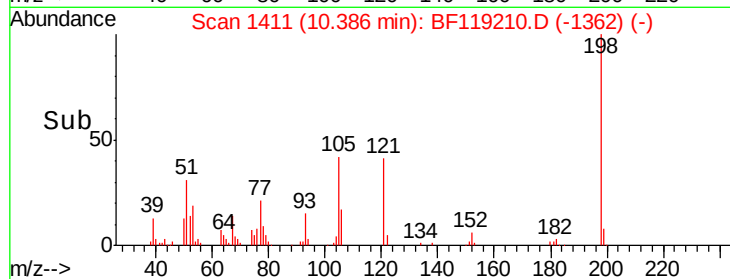
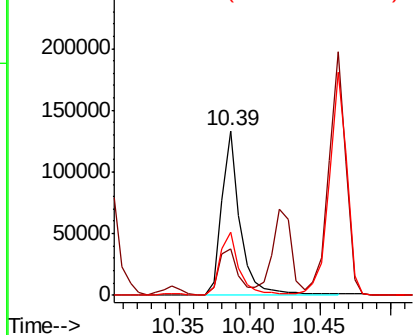
#65
4,6-Dinitro-2-methylphenol
Concen: 45.067 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 121265
Ion Ratio Lower Upper
198 100
51 28.4 14.2 54.2
105 38.5 22.7 62.7

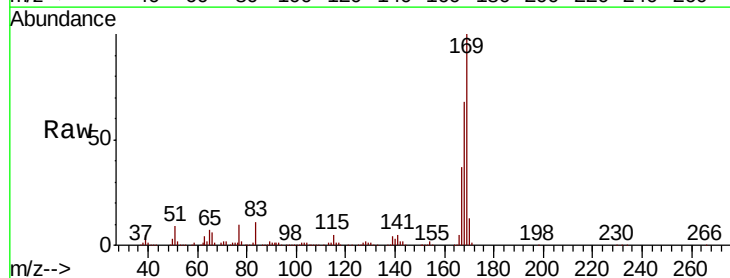


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

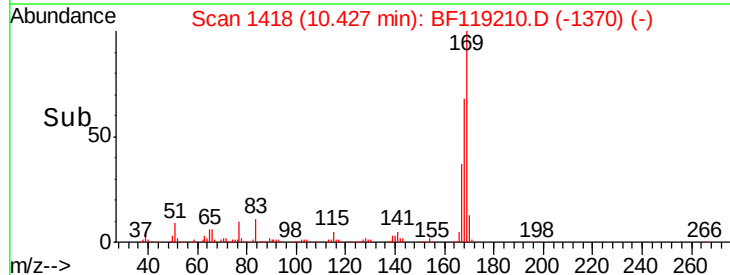
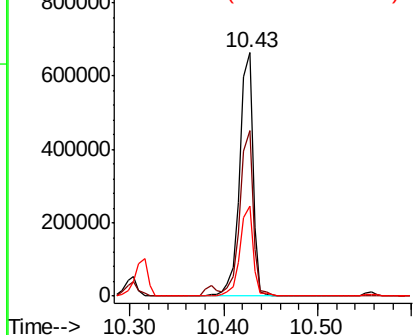


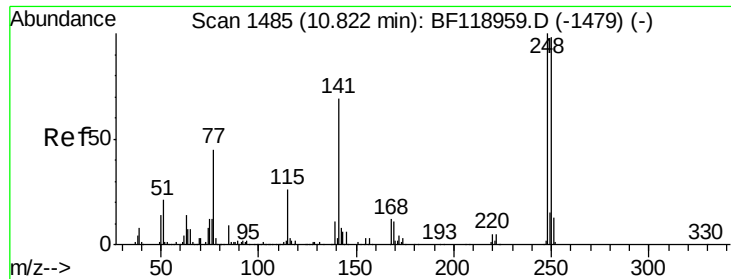
#66
n-Nitrosodiphenylamine
Concen: 45.067 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:169 Resp: 656188
Ion Ratio Lower Upper
169 100
168 68.1 54.1 81.1
167 36.8 29.4 44.0



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

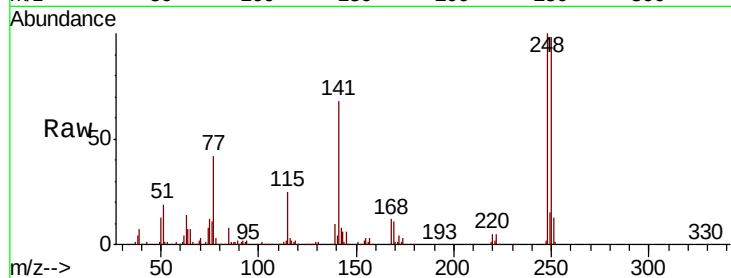




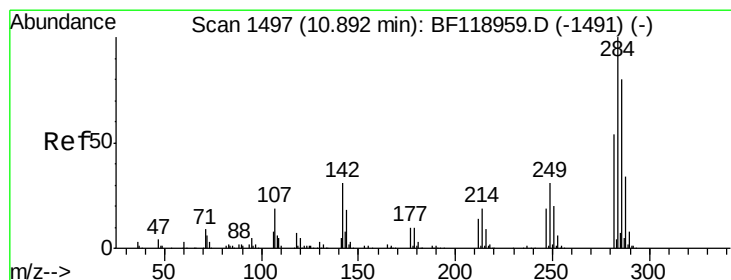
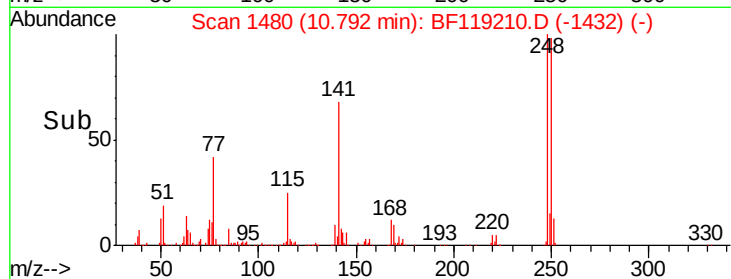
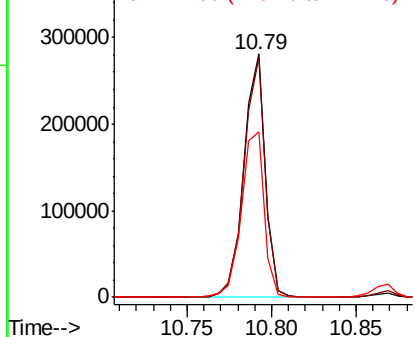
#67
4-Bromophenyl-phenylether
Concen: 42.745 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 248456
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 68.0 60.7 91.1

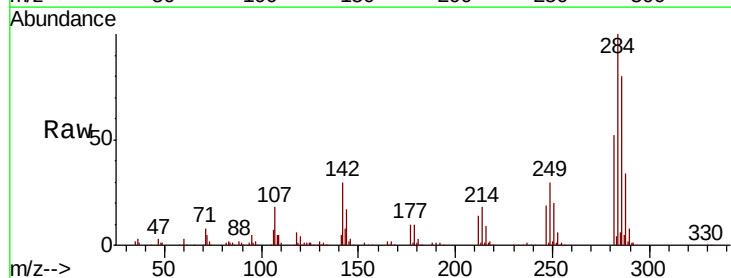


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

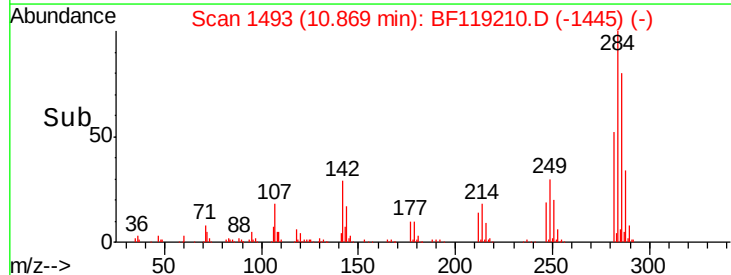
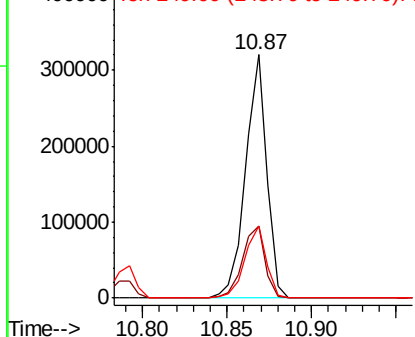


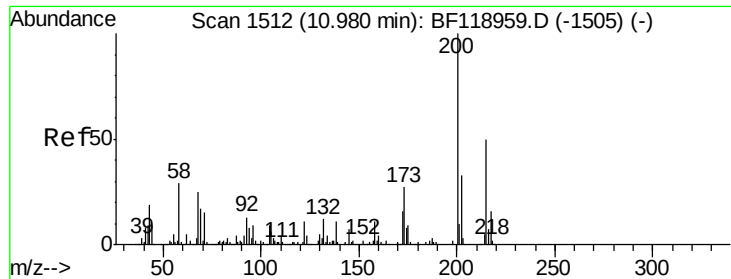
#68
Hexachlorobenzene
Concen: 42.002 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:284 Resp: 281476
Ion Ratio Lower Upper
284 100
142 29.5 23.7 35.5
249 29.6 25.0 37.6



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

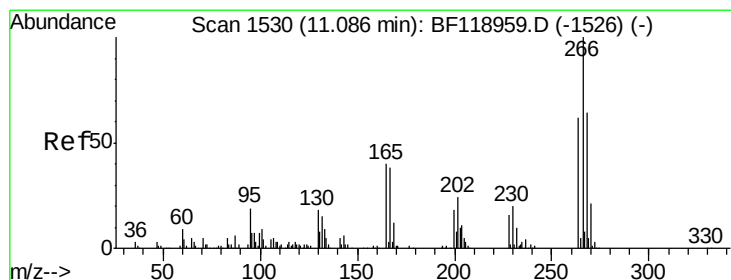
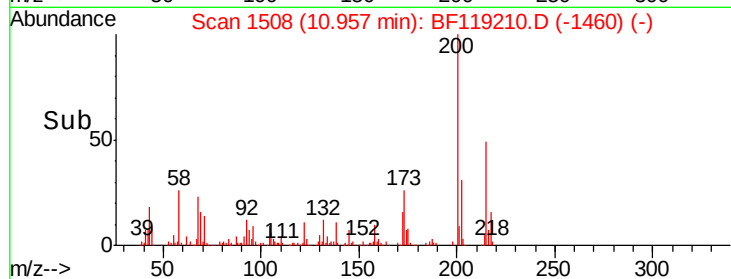
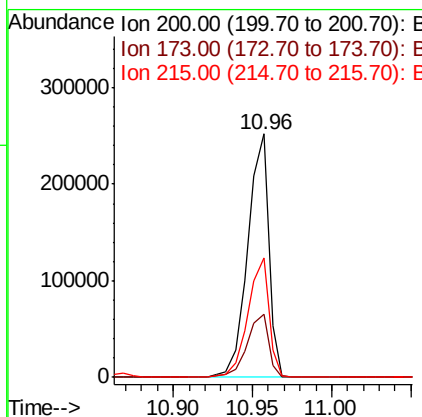
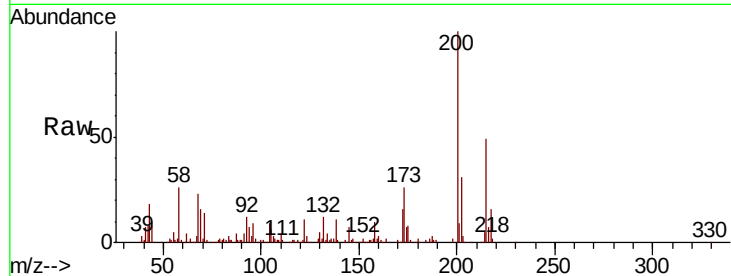




#69
Atrazine
Concen: 45.523 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

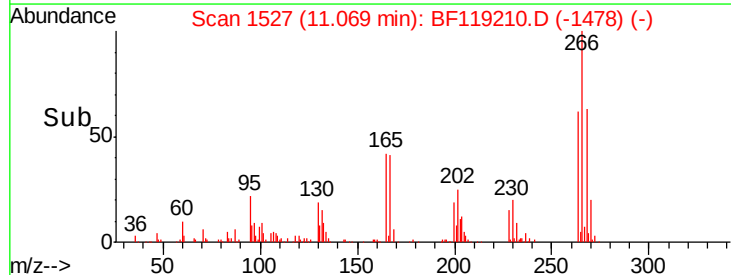
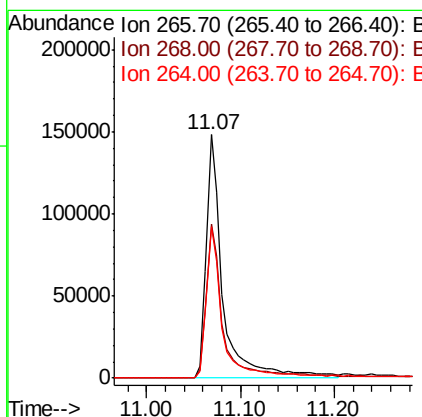
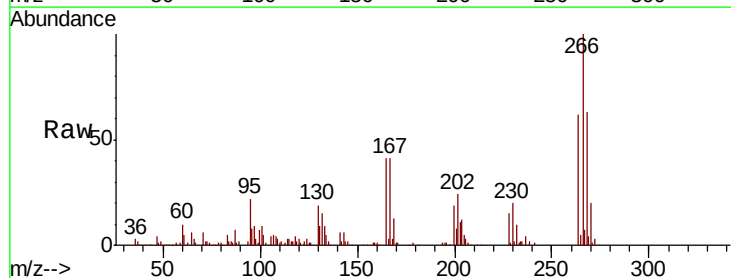
Instrument :
BNA_F
ClientSampleId :

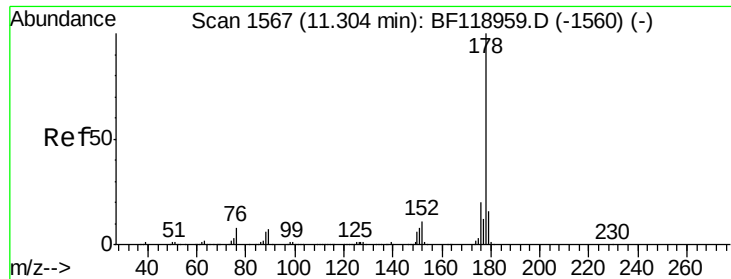
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	48.8	27.4	67.4



#70
Pentachlorophenol
Concen: 68.707 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.9	77.9
264	62.3	51.0	76.4





#71

Phenanthrene

Concen: 43.538 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

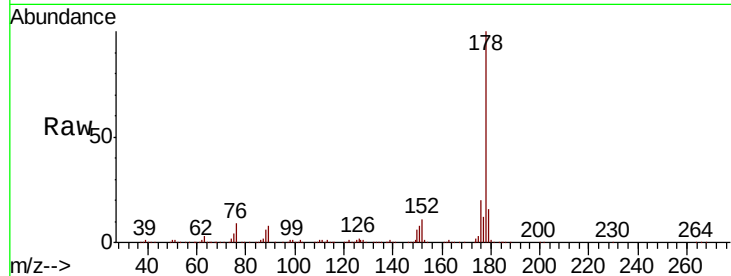
Tot Ion:178 Resp: 1055809

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

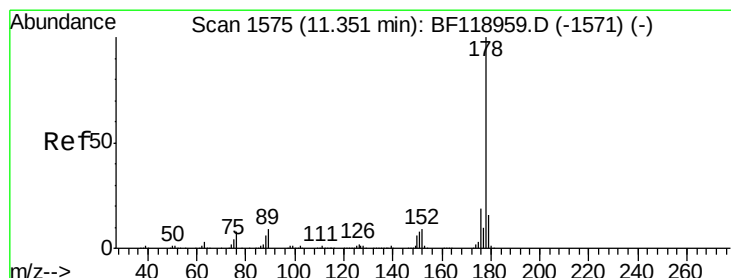
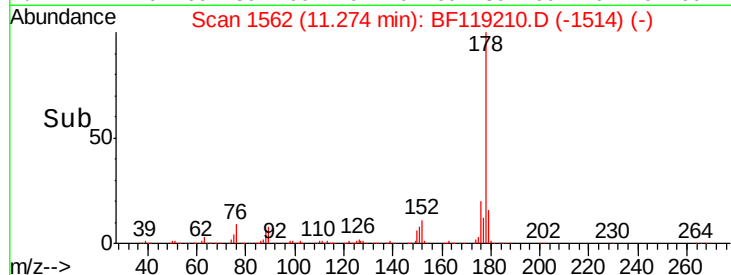
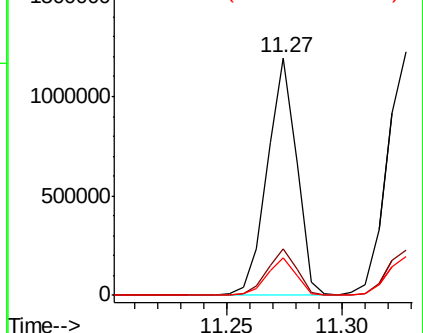
179 15.7 13.0 19.6



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: 45.345 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

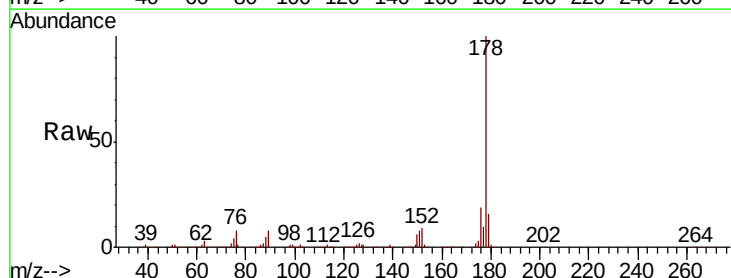
Tgt Ion:178 Resp: 1098712

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

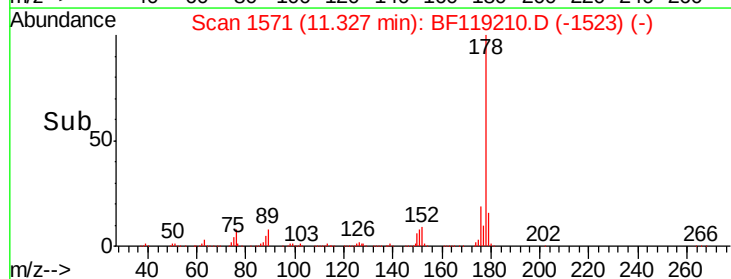
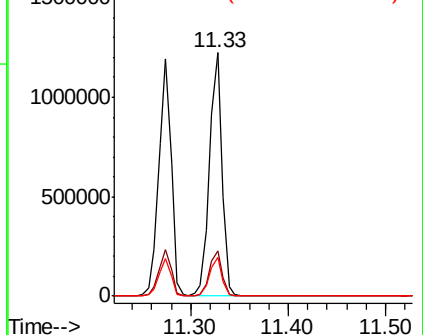
179 15.7 13.1 19.7

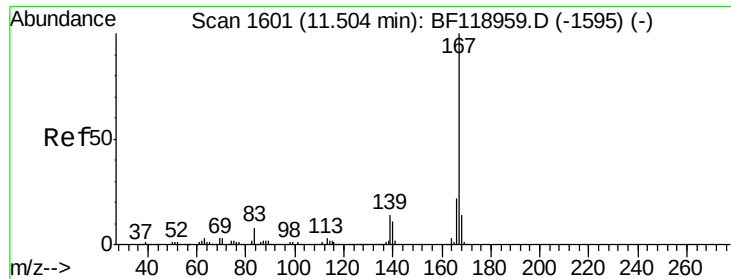


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.217 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

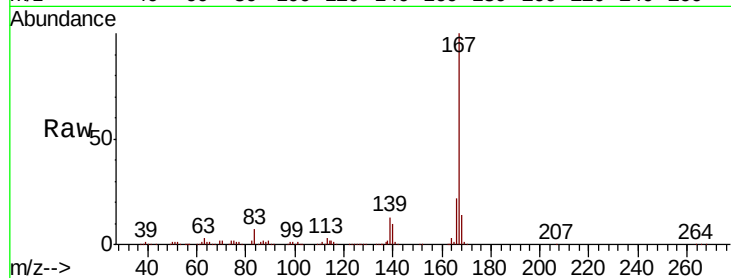
Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:167 Resp: 932896

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.2	11.7	17.5

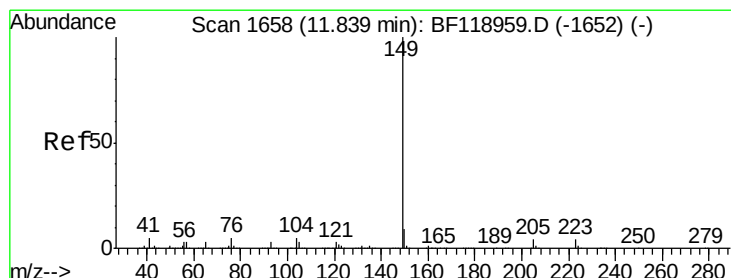
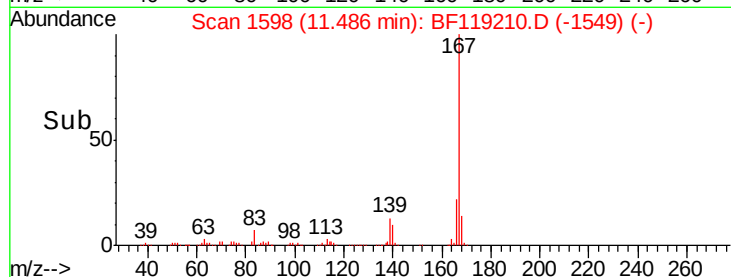
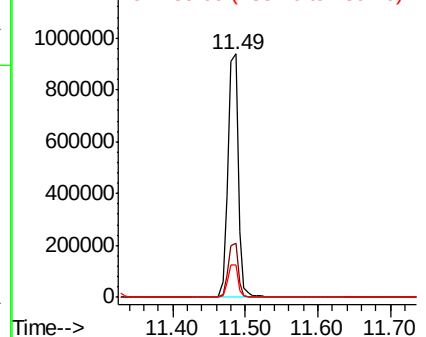


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.850 ng

RT: 11.81 min Scan# 1653

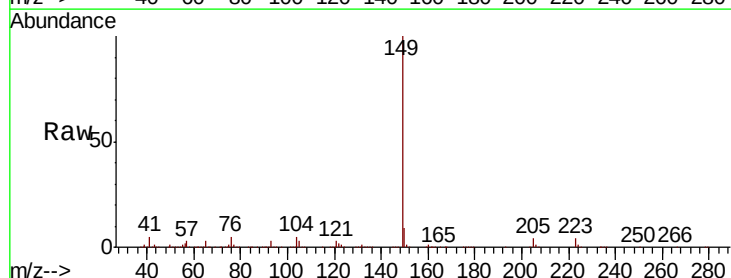
Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:149 Resp: 1198565

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.1	4.6	6.8

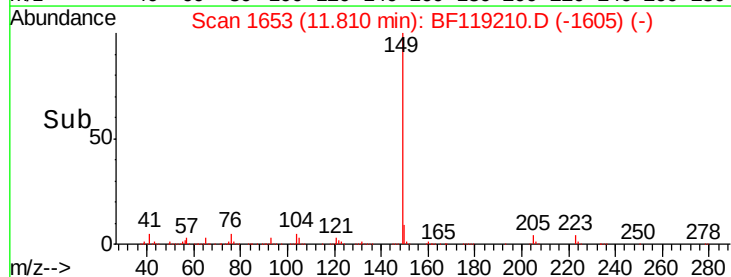
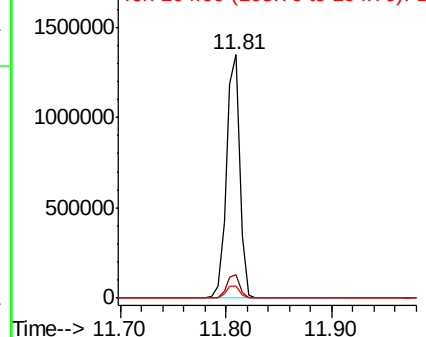


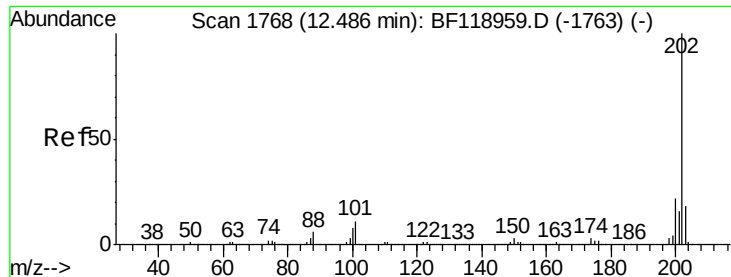
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.887 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

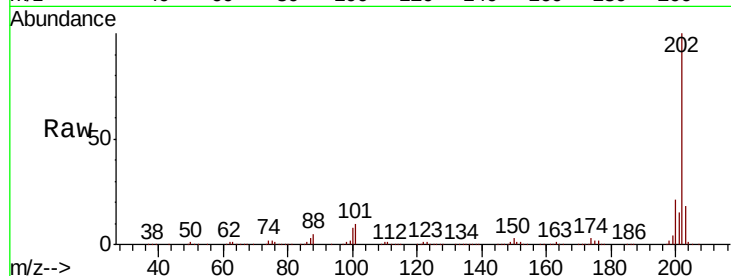
Tot Ion:202 Resp: 1103971

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.7	0.0	38.4

202 100

101 10.4 0.0 30.3

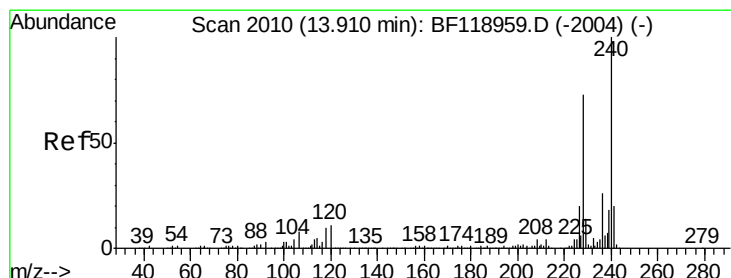
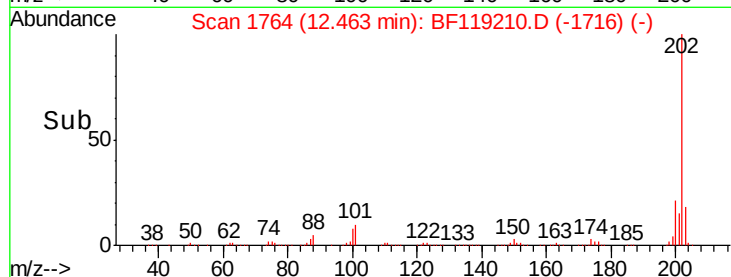
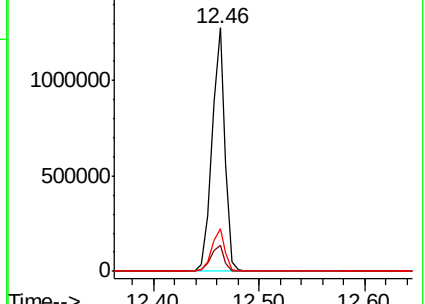
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

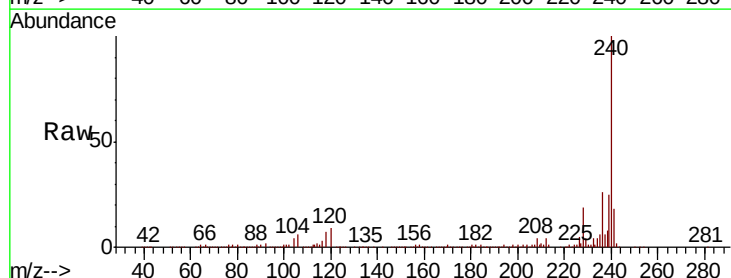
Tgt Ion:240 Resp: 284839

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.4	12.6
236	25.6	21.0	31.4

240 100

120 8.8 8.4 12.6

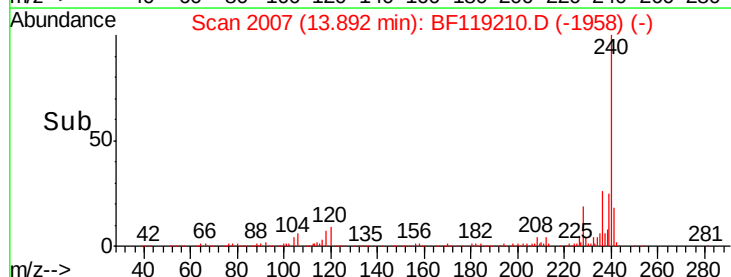
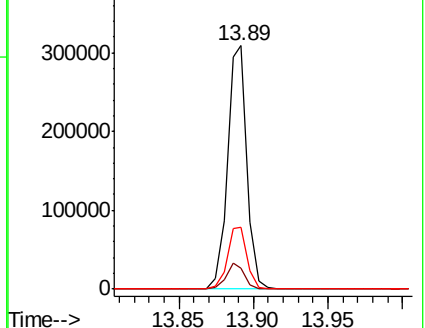
236 25.6 21.0 31.4

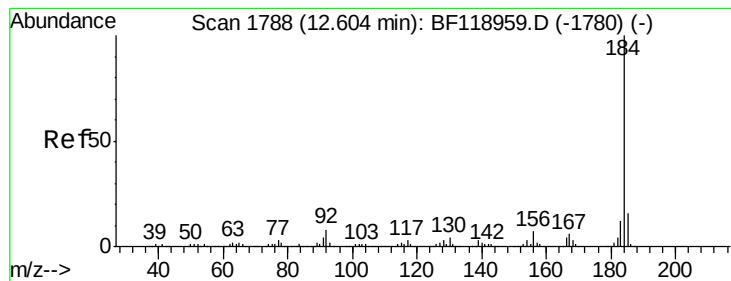


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

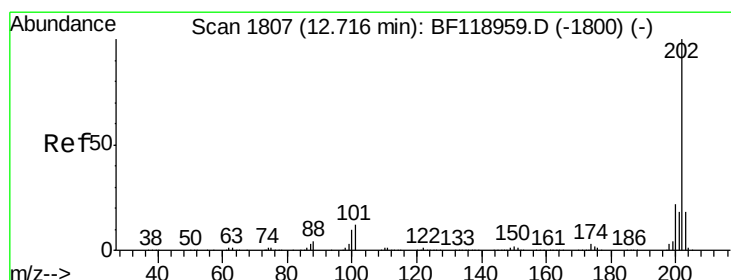
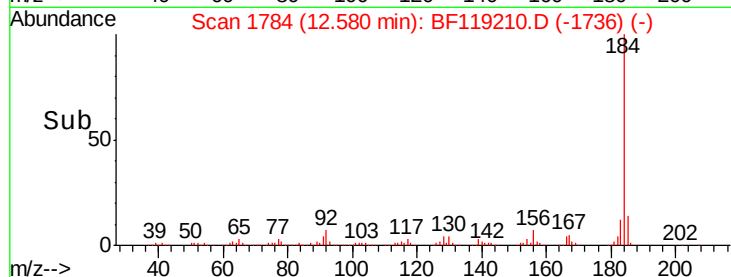
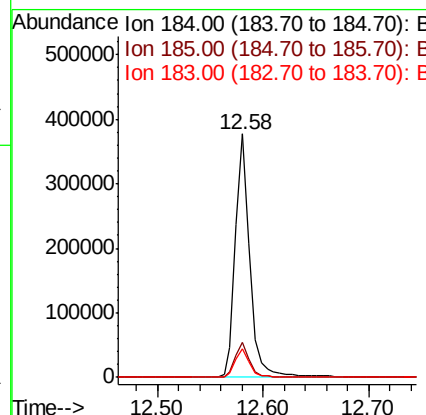
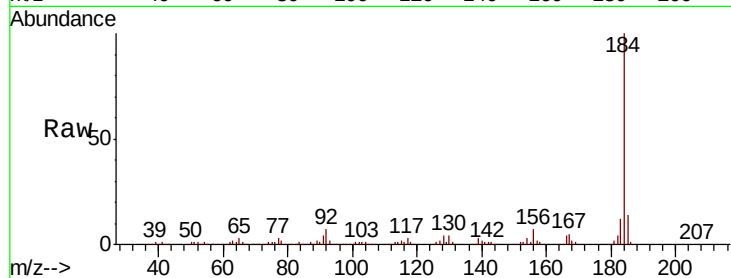




#77
Benzidine
Concen: 30.800 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

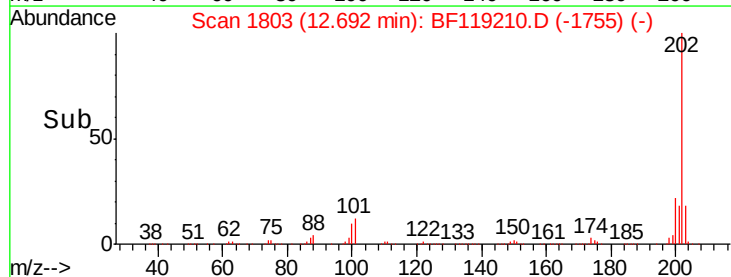
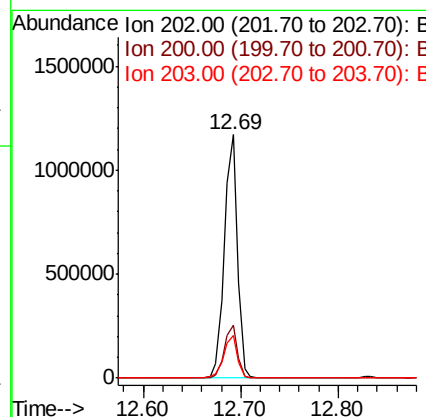
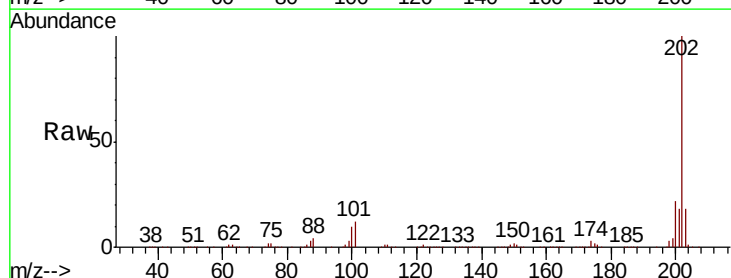
Instrument :
BNA_F
ClientSampleId :

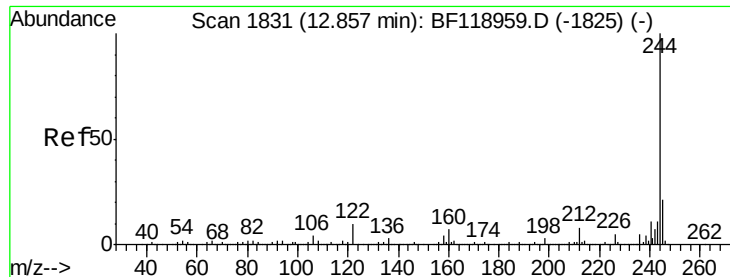
Tot Ion:184 Resp: 356793
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.6 9.9 14.9



#78
Pyrene
Concen: 47.625 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:202 Resp: 1089300
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 17.7 14.6 22.0





#79

Terphenyl-d14

Concen: 88.080 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

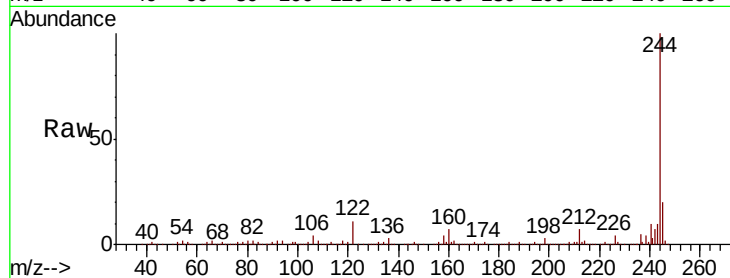
Tot Ion:244 Resp: 1457217

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

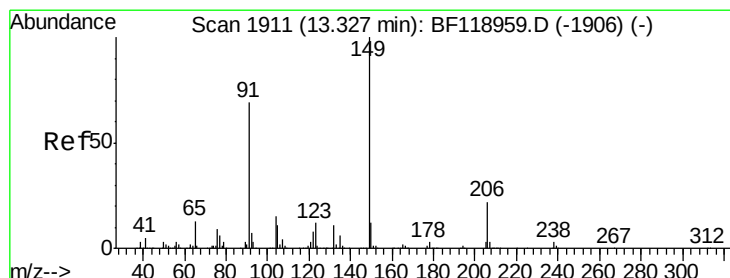
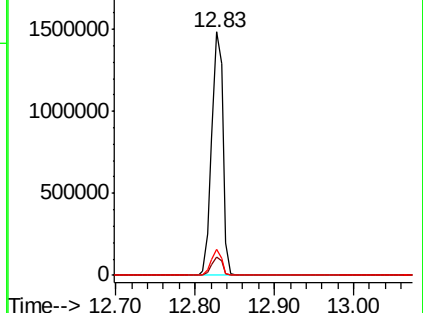
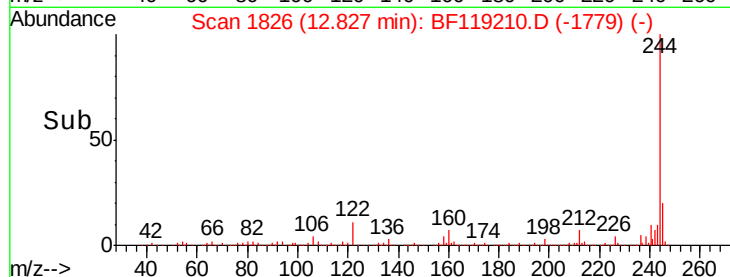
122 10.5 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.596 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

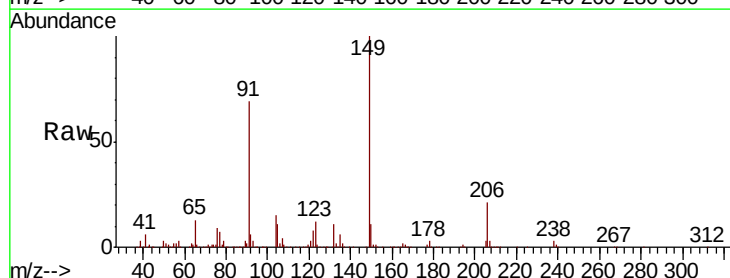
Tgt Ion:149 Resp: 467801

Ion Ratio Lower Upper

149 100

91 68.9 52.3 78.5

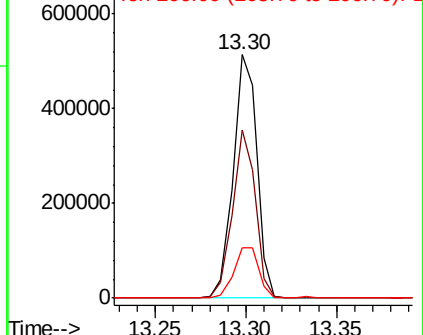
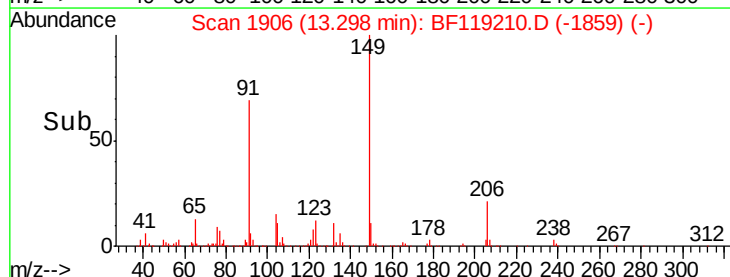
206 20.9 18.5 27.7

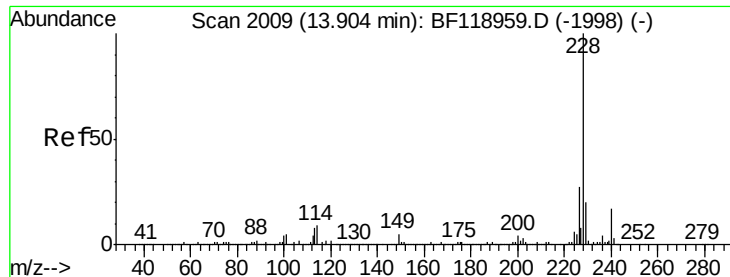


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.240 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

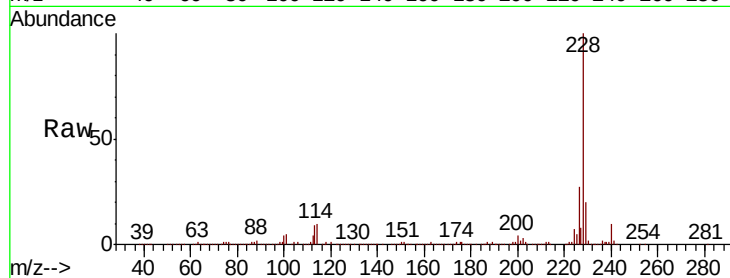
Tot Ion:228 Resp: 878011

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

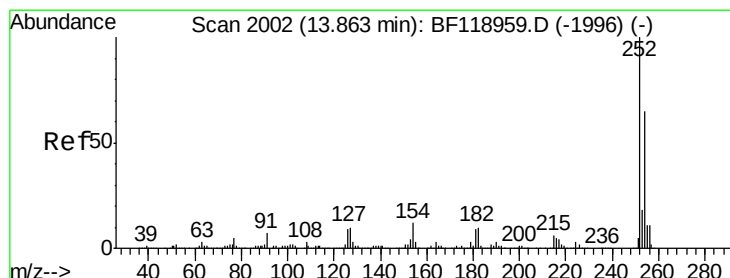
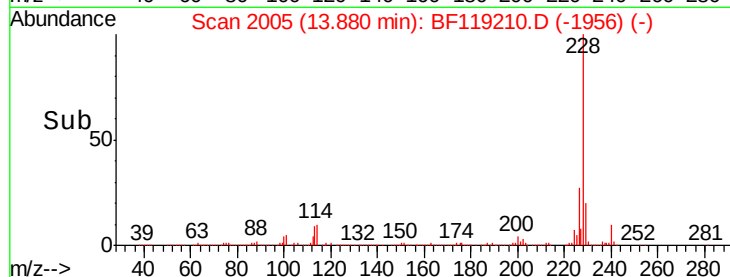
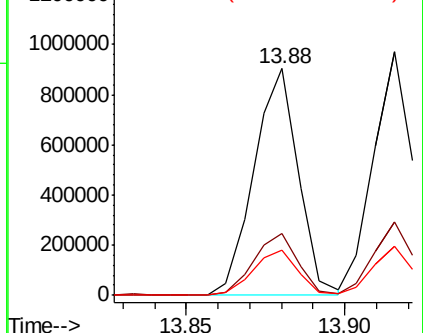
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.837 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

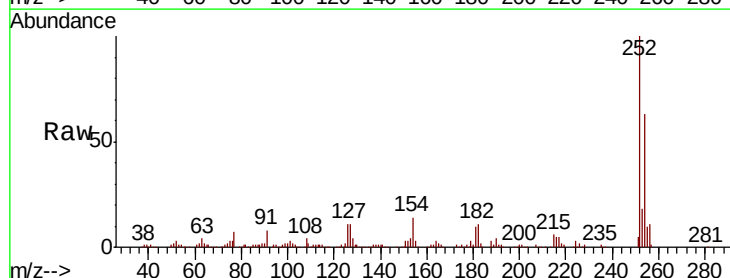
Tgt Ion:252 Resp: 232396

Ion Ratio Lower Upper

252 100

254 62.8 51.6 77.4

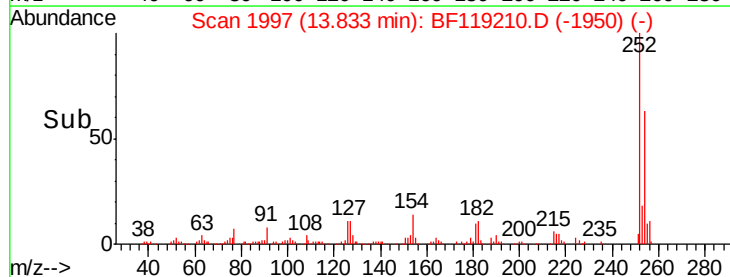
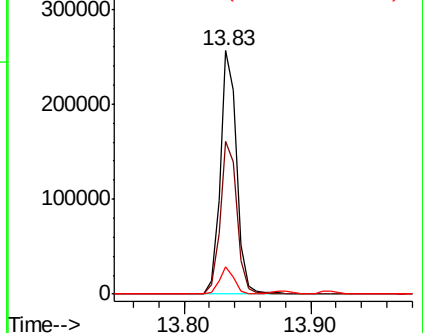
126 11.0 7.4 11.0

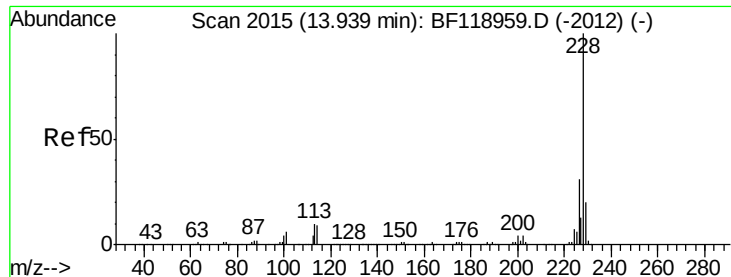


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

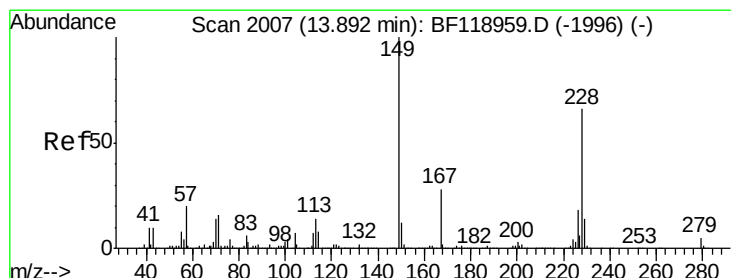
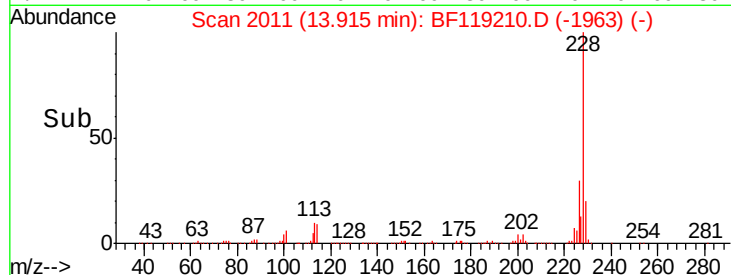
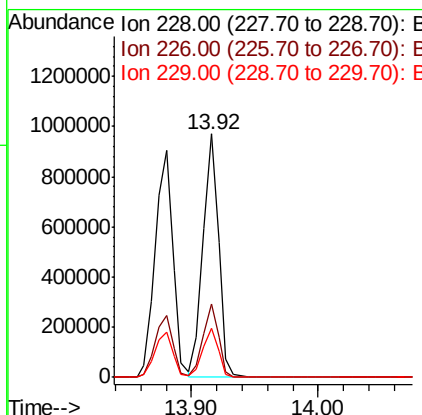
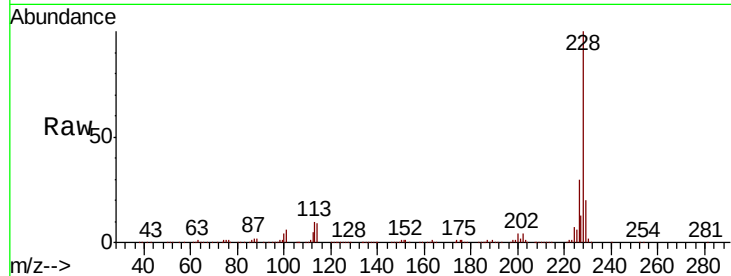




#83
 Chrvsene
 Concen: 43.021 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

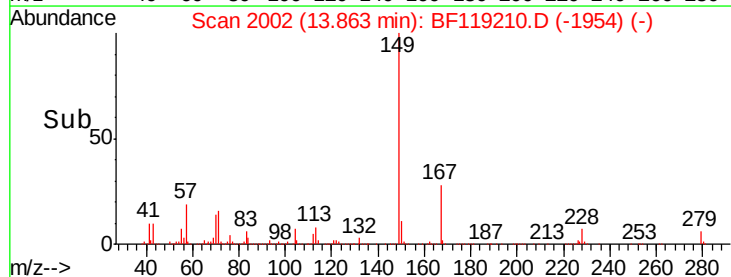
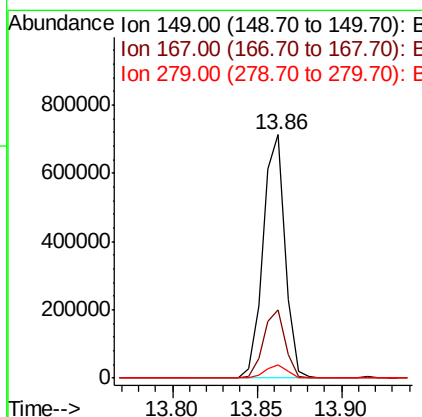
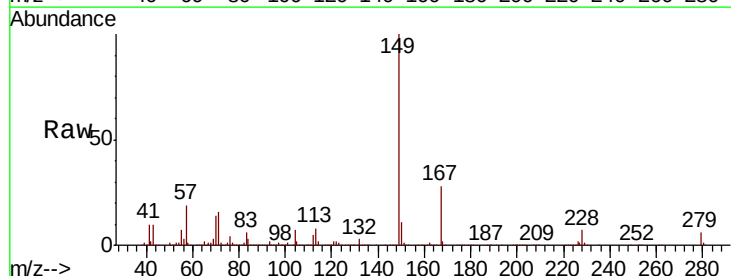
Instrument :
 BNA_F
 ClientSampleId :

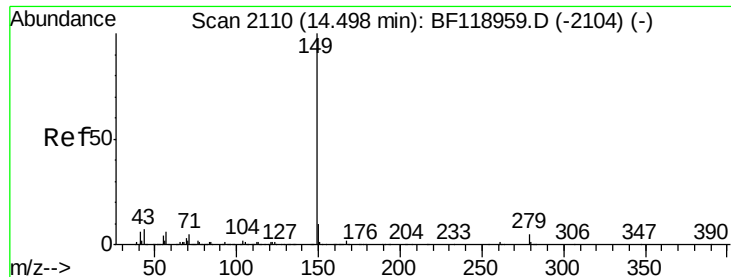
Tot Ion:228 Resp: 831960
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.879 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion:149 Resp: 643090
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.8 34.2
 279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.949 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampled :

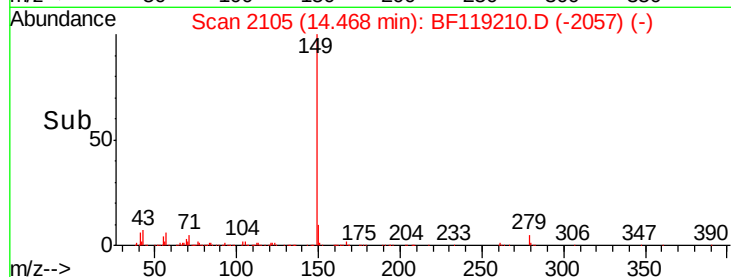
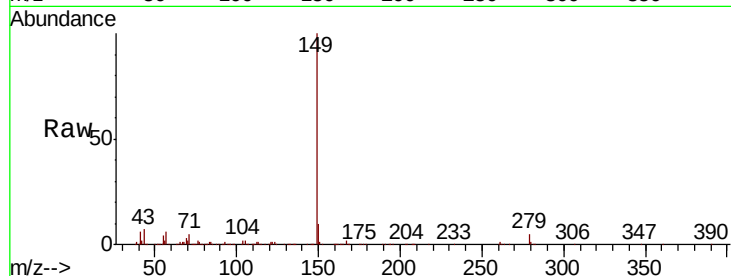
Tot Ion:149 Resp: 987237

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

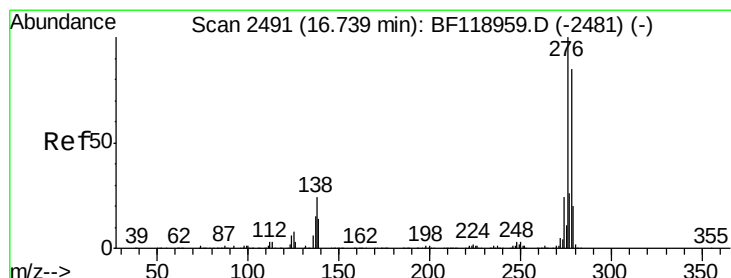
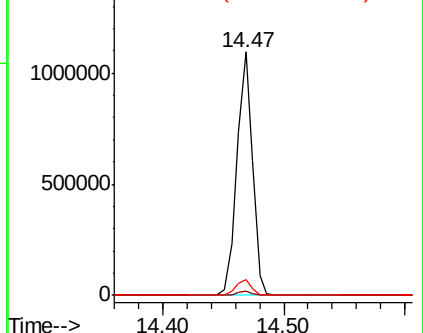
43 6.5 5.7 8.5



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: 40.878 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

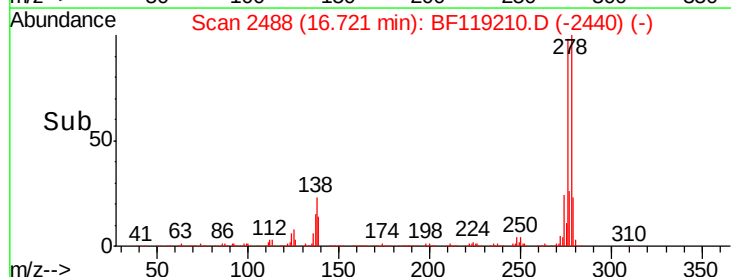
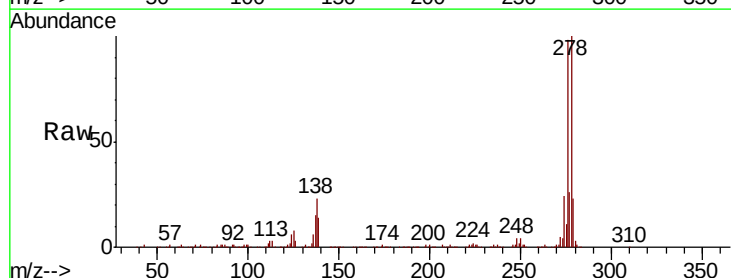
Tgt Ion:276 Resp: 765428

Ion Ratio Lower Upper

276 100

138 21.9 17.4 26.0

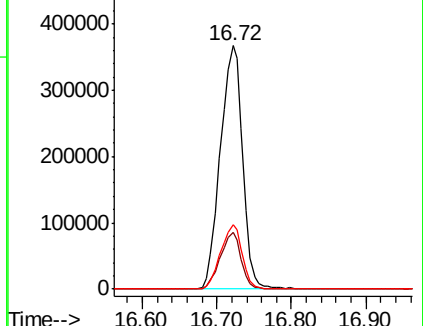
277 25.6 20.3 30.5

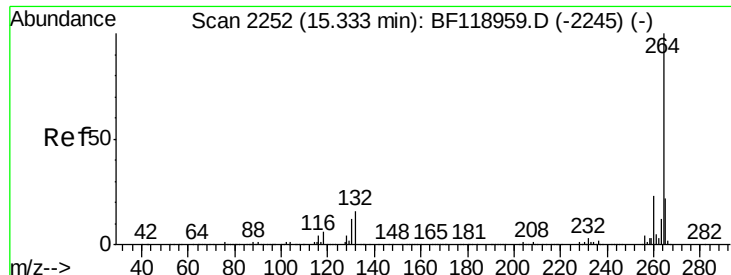


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

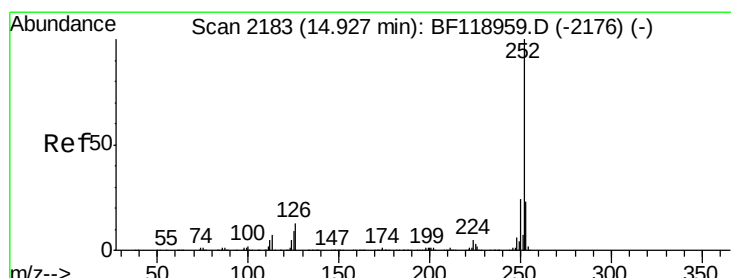
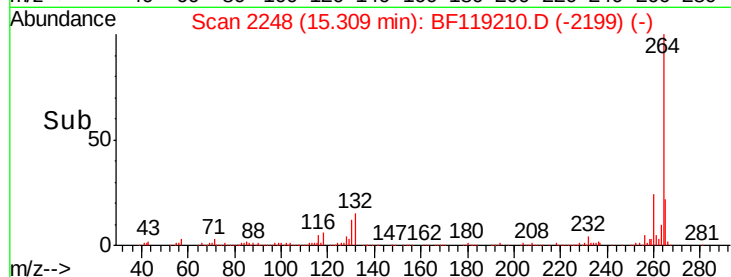
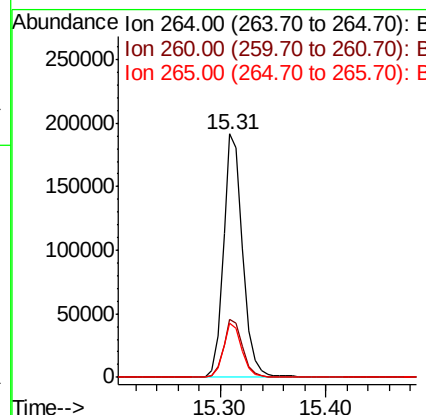
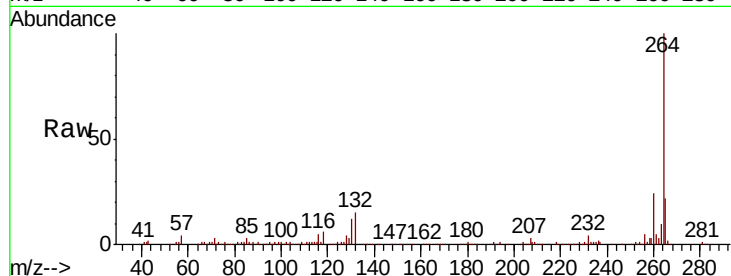




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

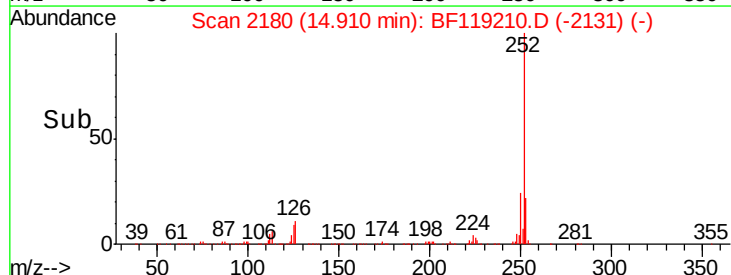
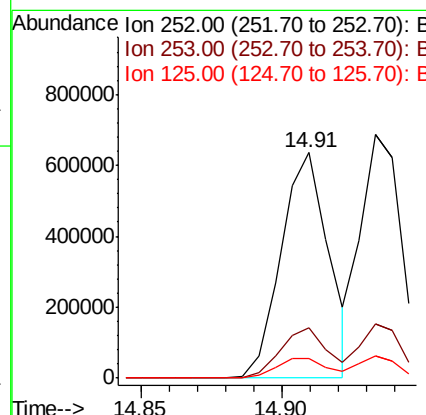
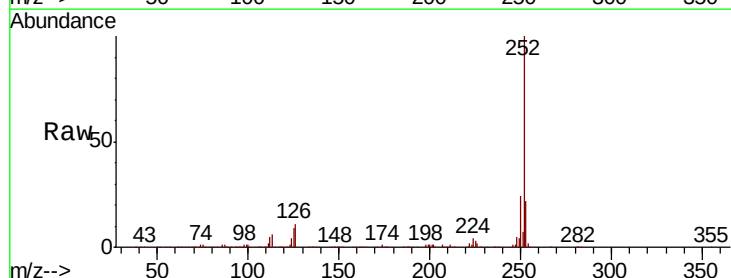
Instrument :
BNA_F
ClientSampled :

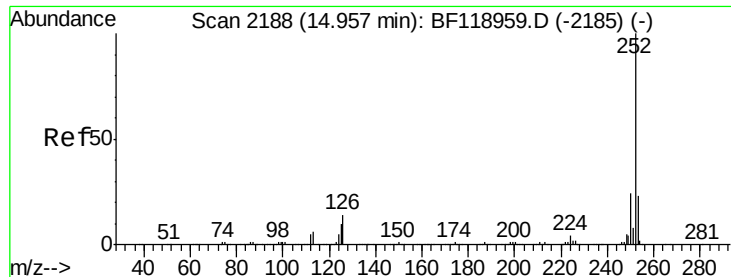
Tot Ion:264 Resp: 243142
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 46.445 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:252 Resp: 744359
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.6 7.4 11.0

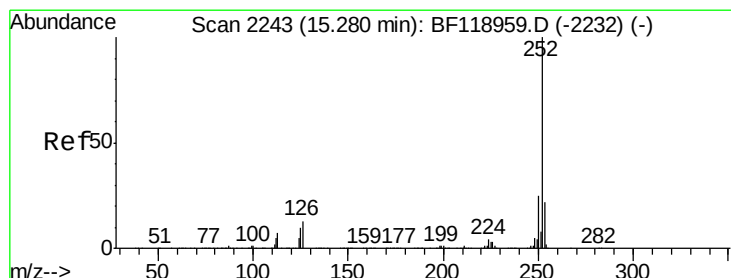
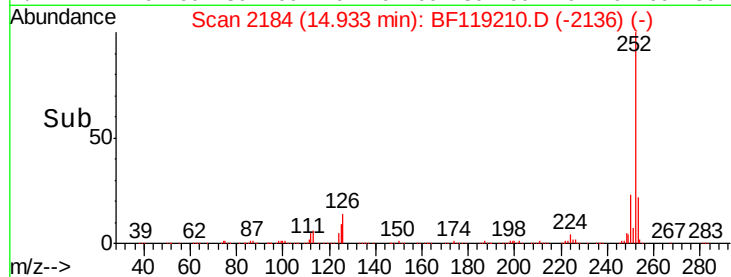
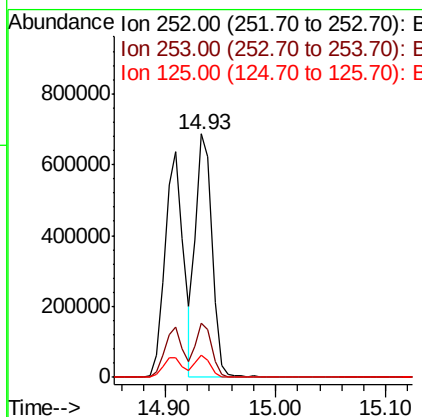
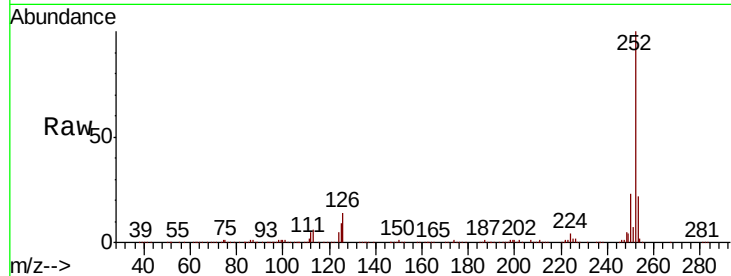




#89
Benzo(k)fluoranthene
Concen: 46.929 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

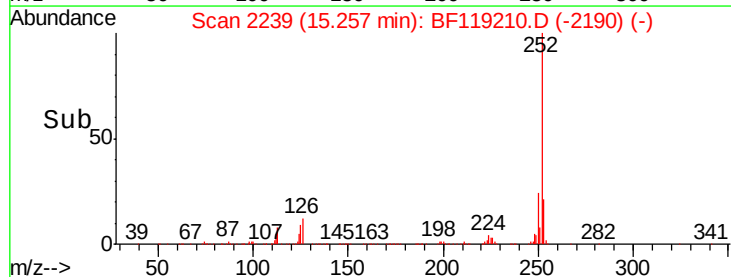
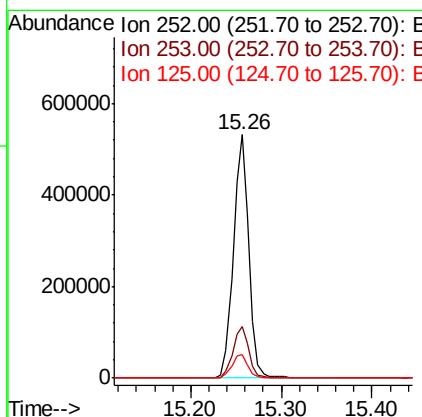
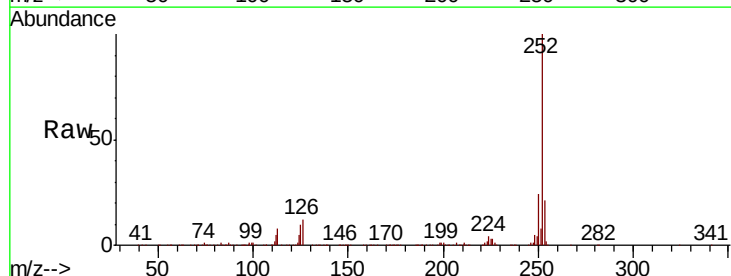
Instrument :
BNA_F
ClientSampleId :

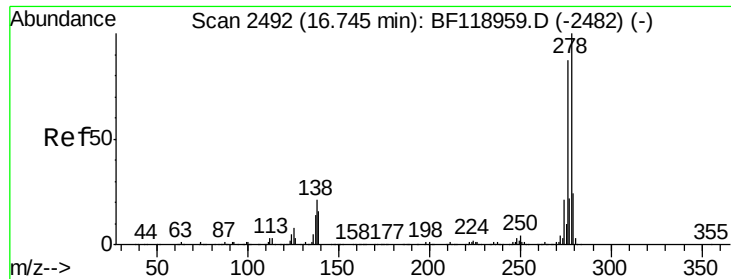
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.4	7.5	11.3



#90
Benzo(a)pyrene
Concen: 43.799 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.6	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 51.103 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

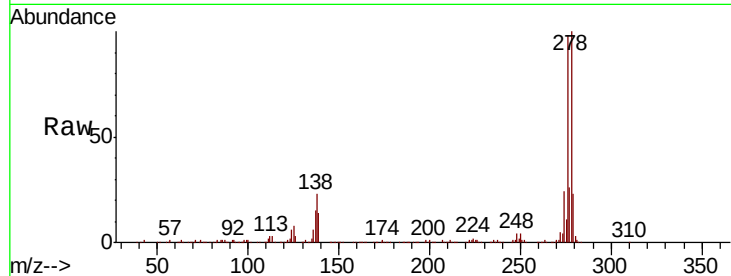
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 650386

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.0	16.4
279	23.4	18.6	28.0

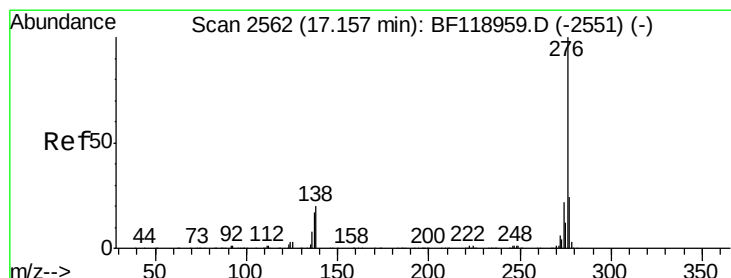
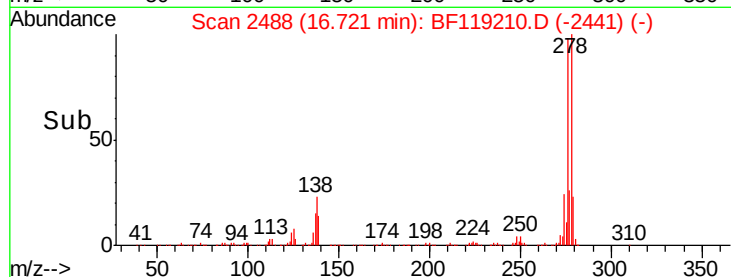
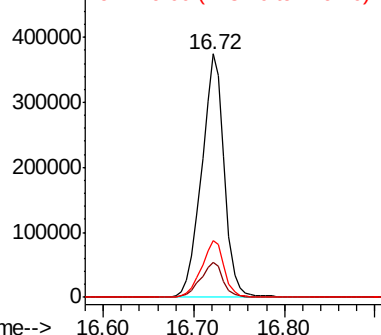


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.703 ng

RT: 17.14 min Scan# 2559

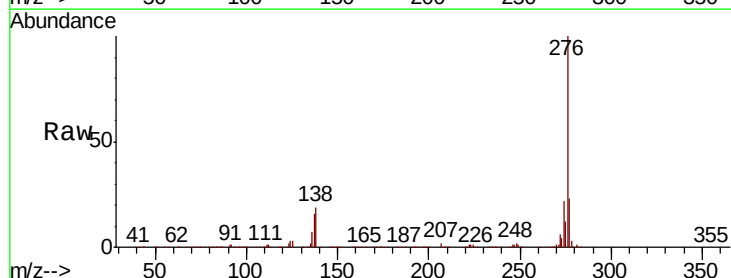
Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:276 Resp: 650165

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	18.8	14.3	21.5



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

