

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118552.D
 Acq On : 17 Jan 2020 10:39
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 12:17:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	375094	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1436866	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	831340	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1524786	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1249213	20.00	ng	0.00
87) Perylene-d12	15.52	264	1126687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	494986	22.59	ng	0.00
7) Phenol-d6	6.50	99	648354	24.59	ng	-0.02
23) Nitrobenzene-d5	7.45	82	358369	15.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	179685	17.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1300185	25.23	ng	0.00
79) Terphenyl-d14	12.99	244	1630071	21.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	112128	12.580	ng	98
3) Pyridine	3.44	79	309582	13.161	ng	98
4) n-Nitrosodimethylamine	3.35	42	136715	16.749	ng	# 96
6) Aniline	6.55	93	415099	12.480	ng	98
8) 2-Chlorophenol	6.67	128	261175	10.634	ng	99
9) Benzaldehyde	6.43	77	218093	17.764	ng	97
10) Phenol	6.52	94	334279	11.277	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	276389	12.402	ng	99
12) 1,3-Dichlorobenzene	6.83	146	328987	11.557	ng	98
13) 1,4-Dichlorobenzene	6.90	146	331317	11.615	ng	97
14) 1,2-Dichlorobenzene	7.06	146	316465	11.975	ng	100
15) Benzyl Alcohol	7.02	79	257130	13.685	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	410046	17.769	ng	99
17) 2-Methylphenol	7.13	107	225235	11.752	ng	99
18) Hexachloroethane	7.40	117	110981	10.965	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	227136	14.894	ng	98
20) 3+4-Methylphenols	7.28	107	290852	11.657	ng	97
22) Acetophenone	7.29	105	418994	12.570	ng	# 98
24) Nitrobenzene	7.46	77	202702	8.691	ng	94
25) Isophorone	7.70	82	569829	13.477	ng	98
26) 2-Nitrophenol	7.78	139	55149	4.030	ng	98
27) 2,4-Dimethylphenol	7.82	122	207575	11.363	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	372142	12.768	ng	98
29) 2,4-Dichlorophenol	8.02	162	224925	10.585	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	287958	11.906	ng	99
31) Naphthalene	8.19	128	845252	11.726	ng	95
32) Benzoic acid	7.88	122	59724	4.528	ng	94
33) 4-Chloroaniline	8.23	127	361996	11.802	ng	97
34) Hexachlorobutadiene	8.32	225	177202	12.471	ng	99
35) Caprolactam	8.57	113	70579	10.778	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	244618	11.154	ng	99
37) 2-Methylnaphthalene	8.89	142	588332	12.209	ng	99
38) 1-Methylnaphthalene	8.98	142	553487	12.114	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	306613	12.027	ng	99

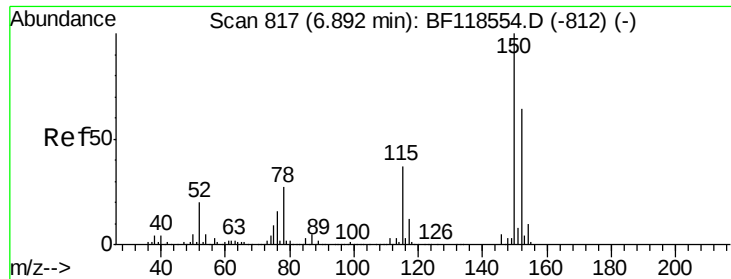
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	127981	33.218	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	163871	9.927	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	164302	9.966	ng	97
46) 1,1'-Biphenyl	9.35	154	741265	11.253	ng	95
47) 2-Chloronaphthalene	9.37	162	593966	11.231	ng	97
48) 2-Nitroaniline	9.46	65	79566	5.602	ng	99
49) Acenaphthylene	9.79	152	869701	11.285	ng	95
50) Dimethylphthalate	9.64	163	674318	10.990	ng	98
51) 2,6-Dinitrotoluene	9.70	165	65693	4.869	ng #	82
52) Acenaphthene	9.96	154	547697	11.551	ng	98
53) 3-Nitroaniline	9.86	138	87407	5.601	ng #	91
54) 2,4-Dinitrophenol	9.96	184	17528	3.479	ng #	1
55) Dibenzofuran	10.13	168	817887	11.888	ng	99
56) 4-Nitrophenol	10.01	139	64146	8.968	ng	90
57) 2,4-Dinitrotoluene	10.10	165	75236	4.363	ng	93
58) Fluorene	10.47	166	659988	11.809	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	143897	10.674	ng	96
60) Diethylphthalate	10.34	149	670038	10.959	ng	95
61) 4-Chlorophenyl-phenylether	10.47	204	340936	12.125	ng	96
62) 4-Nitroaniline	10.47	138	94257	6.117	ng	86
63) Azobenzene	10.62	77	670548	13.241	ng	92
65) 4,6-Dinitro-2-methylphenol	10.50	198	24400	3.033	ng	77
66) n-Nitrosodiphenylamine	10.58	169	566350	11.313	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	220657	12.005	ng	97
68) Hexachlorobenzene	11.02	284	251022	11.518	ng	97
69) Atrazine	11.10	200	175986	14.659	ng	98
70) Pentachlorophenol	11.21	266	96523	16.048	ng	97
71) Phenanthrene	11.43	178	980582	11.946	ng	94
72) Anthracene	11.49	178	981428	11.997	ng	93
73) Carbazole	11.63	167	866935	11.862	ng	95
74) Di-n-butylphthalate	11.97	149	1081759	11.444	ng #	95
75) Fluoranthene	12.62	202	1045716	12.753	ng	94
77) Benzidine	12.73	184	410895	14.737	ng	98
78) Pyrene	12.85	202	1071661	10.152	ng	93
80) Butylbenzylphthalate	13.47	149	396433	8.390	ng	95
81) Benzo(a)anthracene	14.03	228	950743	10.980	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	332791	11.319	ng	100
83) Chrysene	14.07	228	905593	10.911	ng	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	530012	8.396	ng	98
85) Di-n-octyl phthalate	14.64	149	782065	8.280	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	704361	9.031	ng	99
88) Benzo(b)fluoranthene	15.09	252	808008	11.190	ng	96
89) Benzo(k)fluoranthene	15.12	252	794374	12.145	ng	97
90) Benzo(a)pyrene	15.45	252	709505	11.026	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	587659	10.058	ng	97
92) Benzo(g,h,i)perylene	17.43	276	543384	9.560	ng	100

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

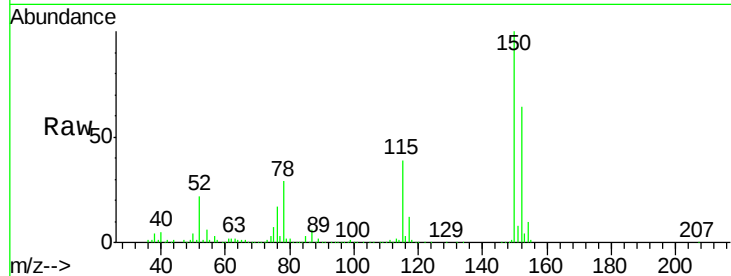


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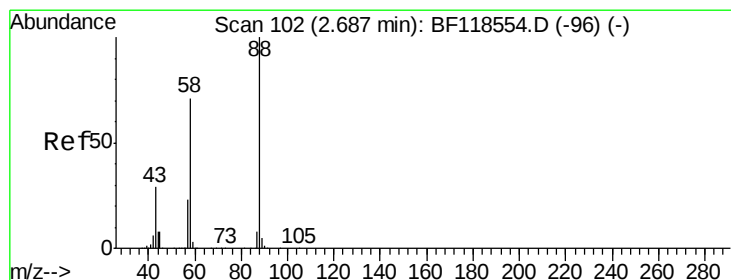
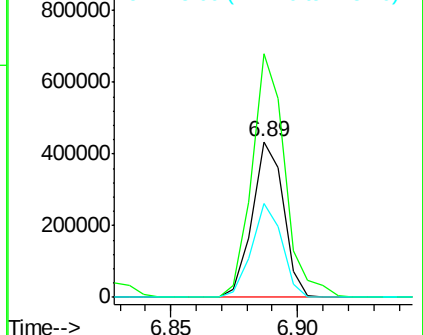
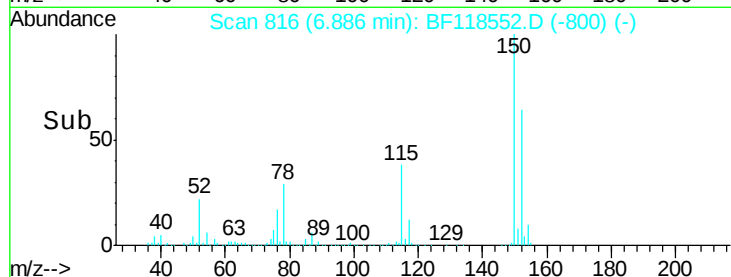
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 375094
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 60.3 45.8 68.6



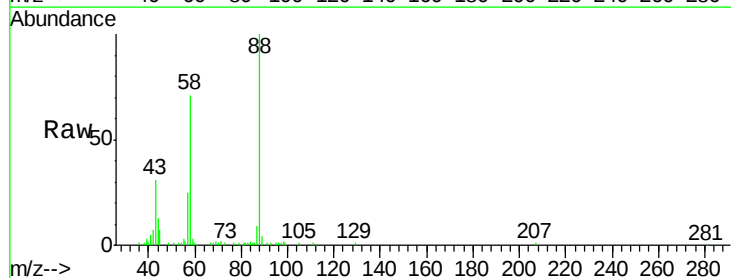
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



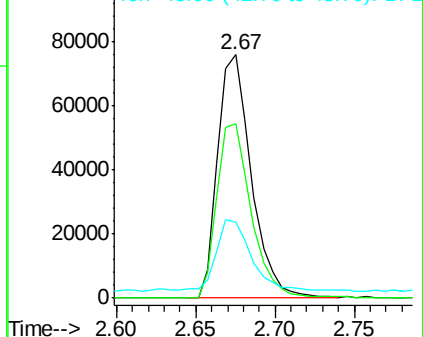
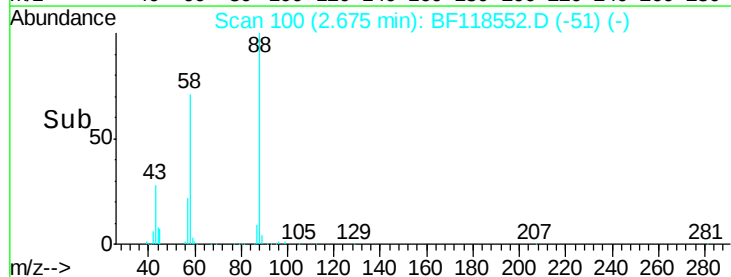
#2

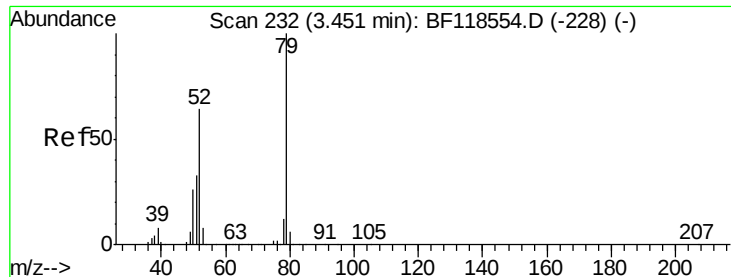
1,4-Dioxane
Concen: 12.580 ng
RT: 2.67 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion: 88 Resp: 112128
Ion Ratio Lower Upper
88 100
58 73.0 56.7 85.1
43 29.5 23.3 34.9



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





#3

Pvridine

Concen: 13.161 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

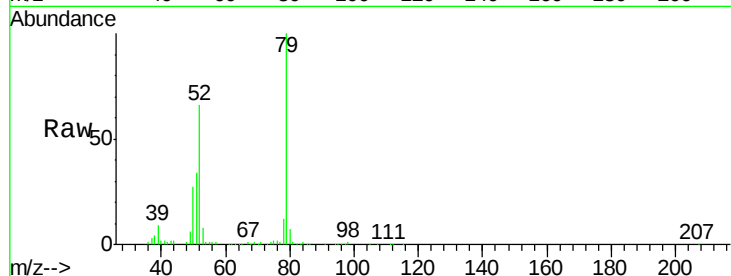
Tot Ion: 79 Resp: 309582

Ion Ratio Lower Upper

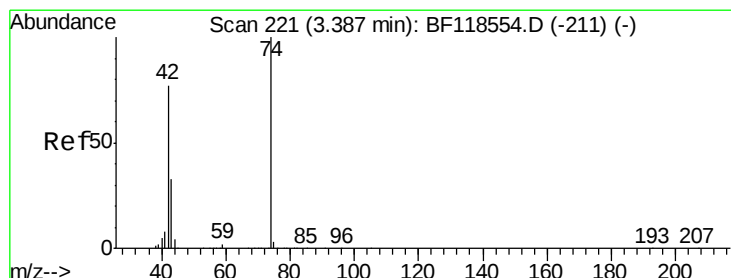
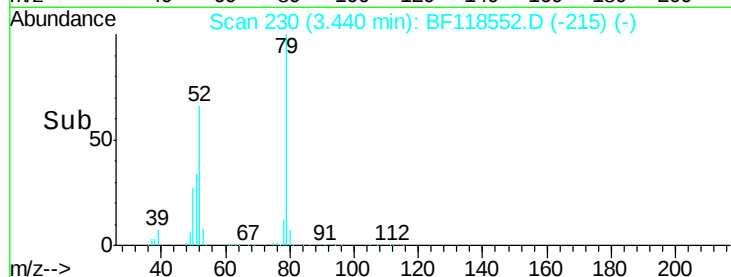
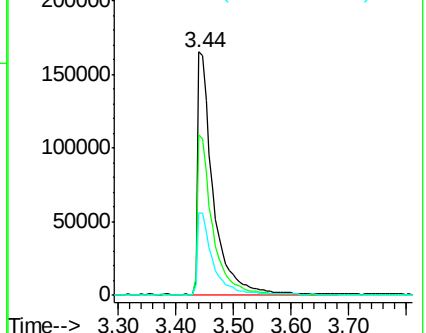
79 100

52 65.8 51.3 76.9

51 33.8 26.7 40.1



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



#4

n-Nitrosodimethylamine

Concen: 16.749 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.04 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

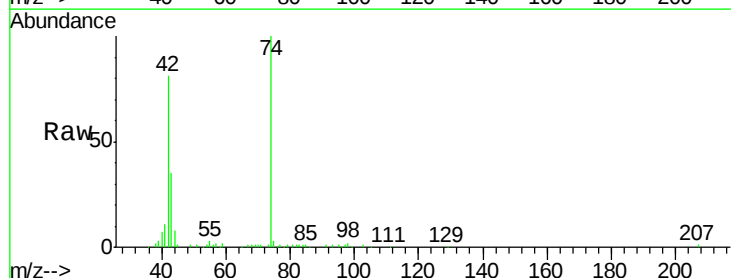
Tgt Ion: 42 Resp: 136715

Ion Ratio Lower Upper

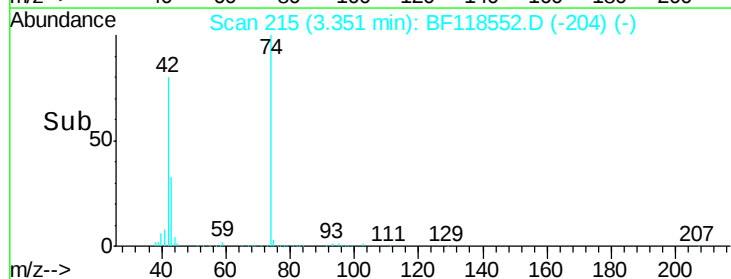
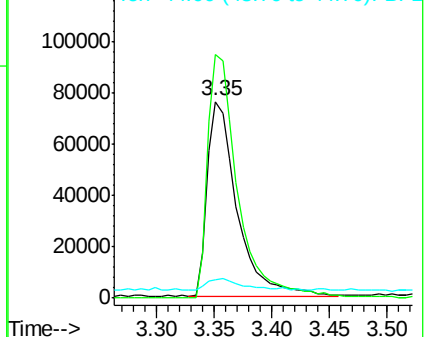
42 100

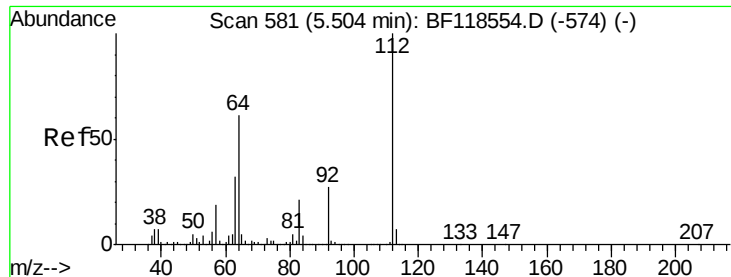
74 124.1 103.1 154.7

44 9.6 5.4 8.2#



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





#5

2-Fluorophenol

Concen: 22.590 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

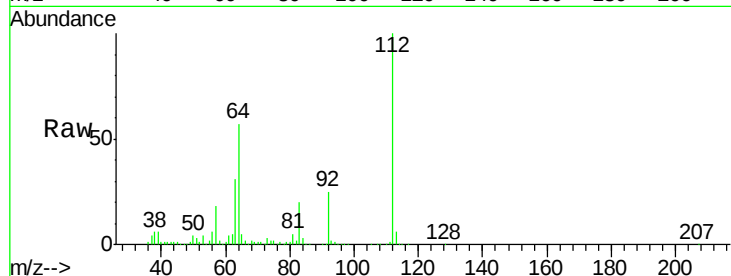
Tot Ion:112 Resp: 494986

Ion Ratio Lower Upper

112 100

64 57.2 49.1 73.7

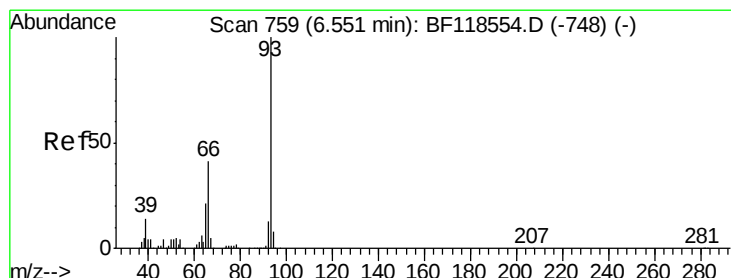
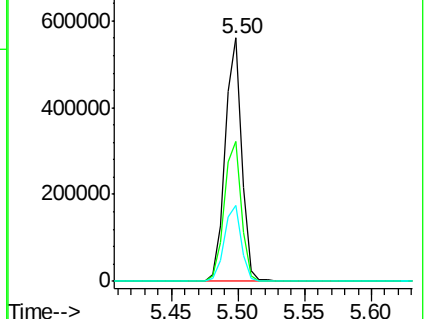
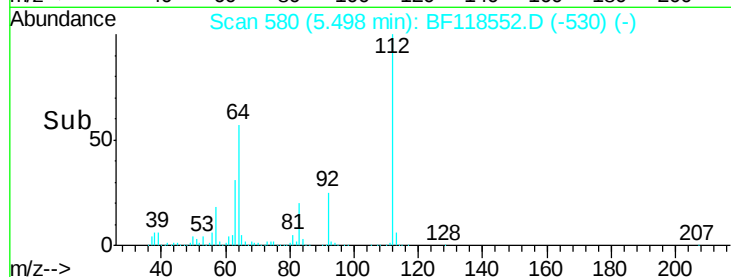
63 31.2 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.480 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

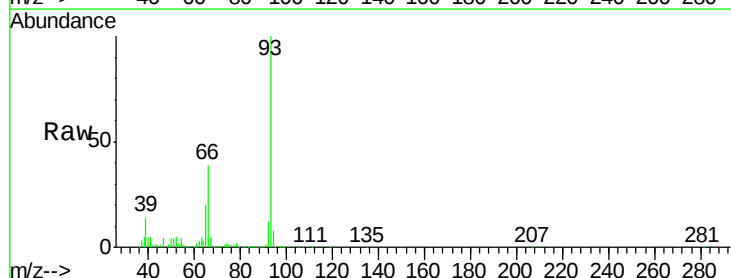
Tgt Ion: 93 Resp: 415099

Ion Ratio Lower Upper

93 100

66 39.2 32.9 49.3

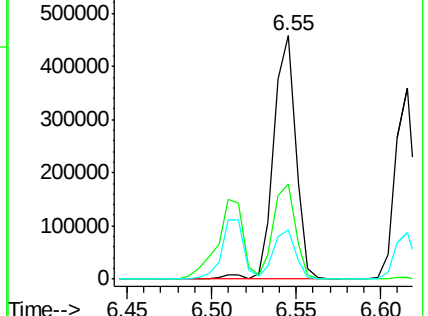
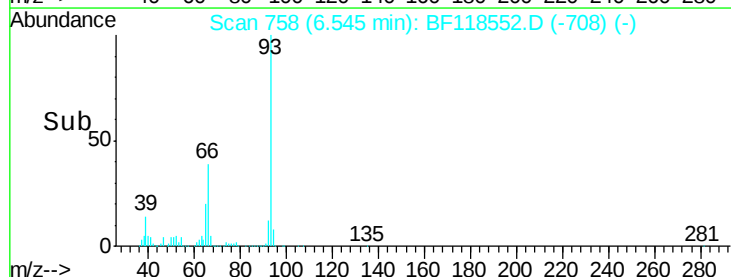
65 20.0 16.5 24.7

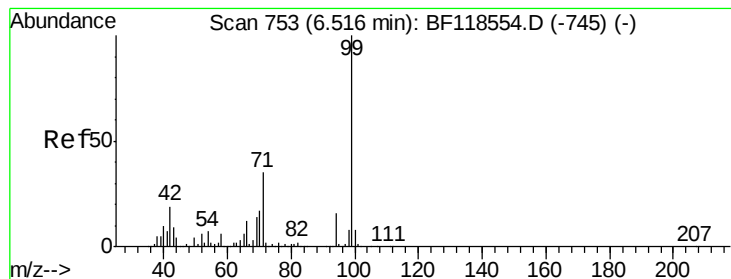


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 24.594 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

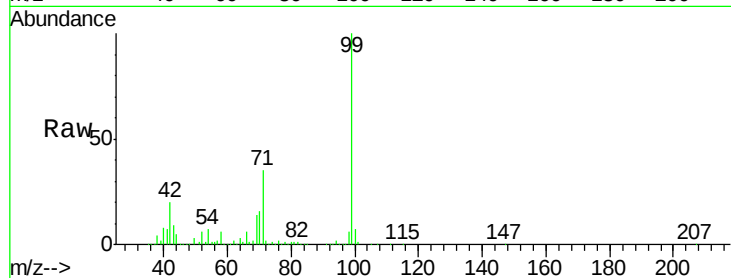
Tot Ion: 99 Resp: 648354

Ion Ratio Lower Upper

99 100

42 19.5 14.9 22.3

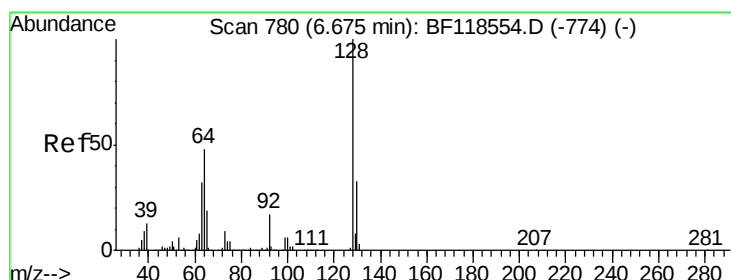
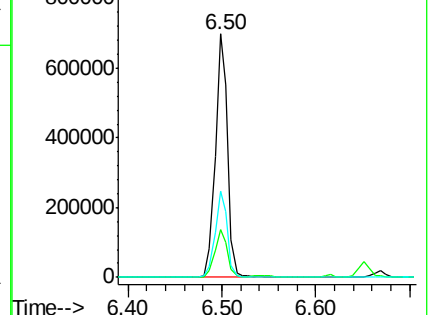
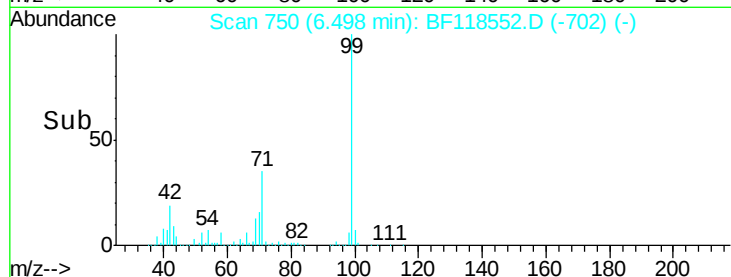
71 35.3 28.3 42.5



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: 10.634 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

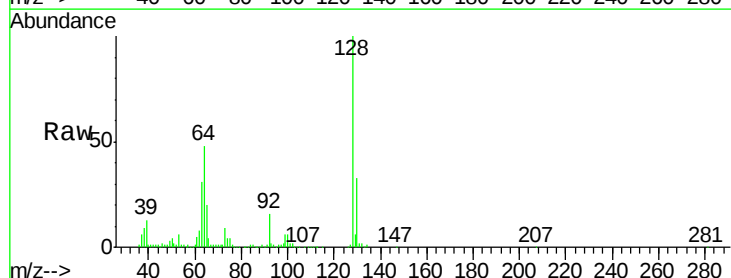
Tgt Ion:128 Resp: 261175

Ion Ratio Lower Upper

128 100

130 33.2 13.2 53.2

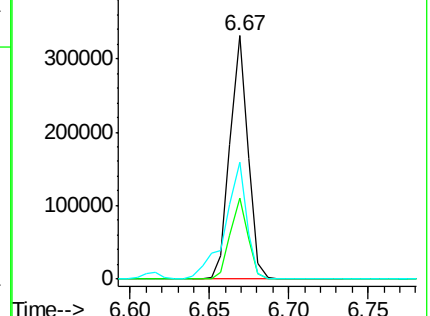
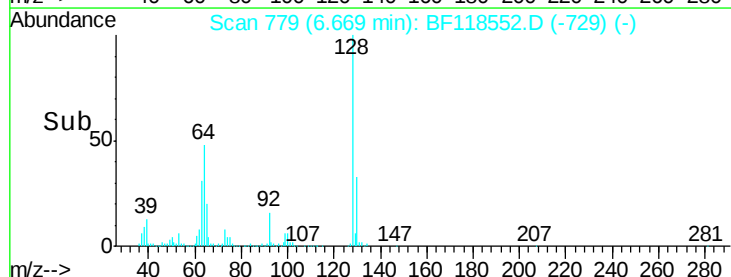
64 47.9 28.9 68.9

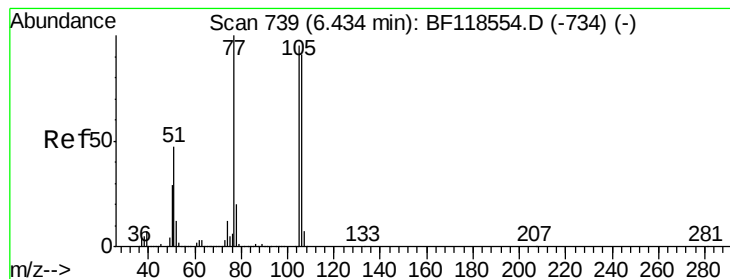


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.764 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

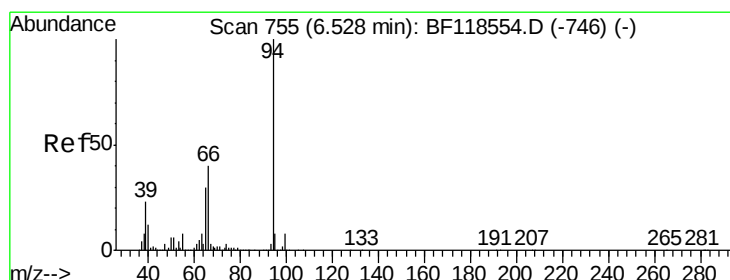
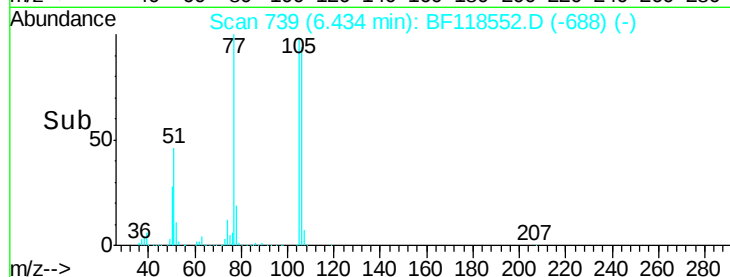
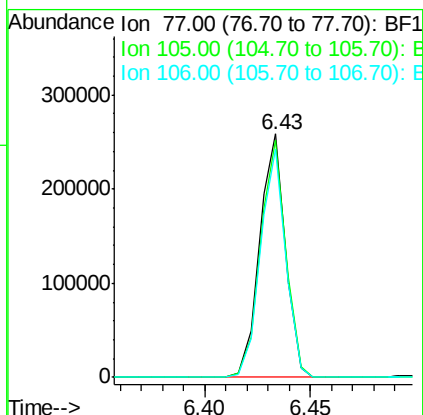
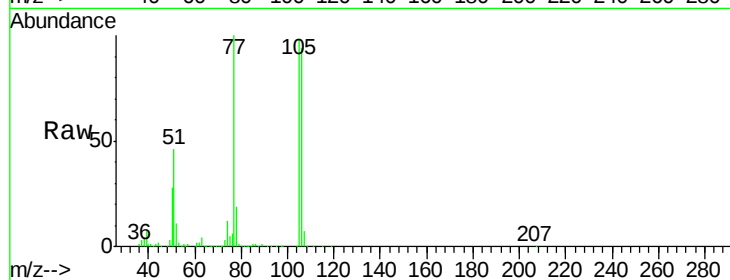
Tot Ion: 77 Resp: 218093

Ion Ratio Lower Upper

77 100

105 97.7 75.2 115.2

106 93.8 71.4 111.4



#10

Phenol

Concen: 11.277 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

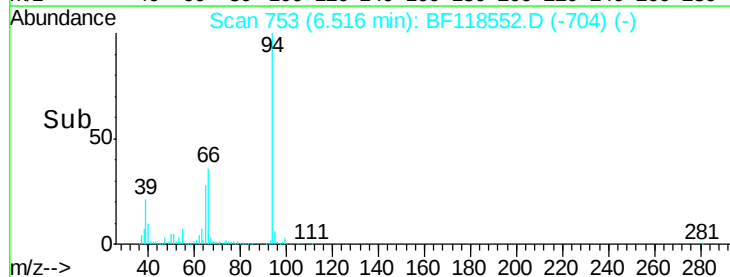
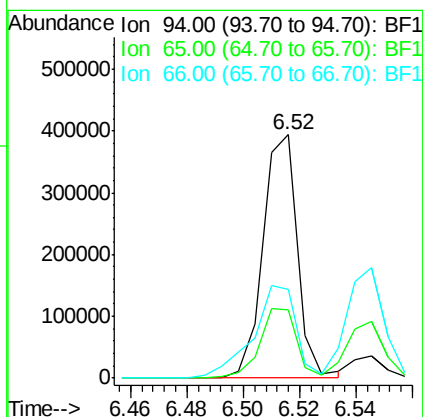
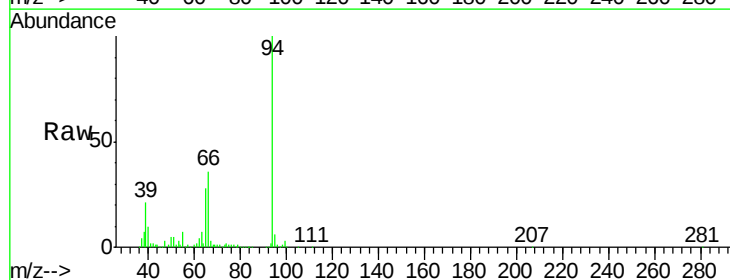
Tgt Ion: 94 Resp: 334279

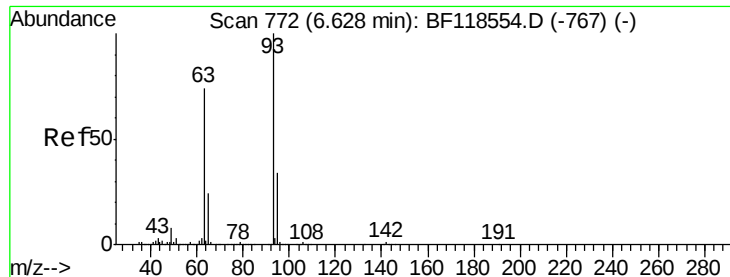
Ion Ratio Lower Upper

94 100

65 28.1 9.8 49.8

66 36.2 19.5 59.5

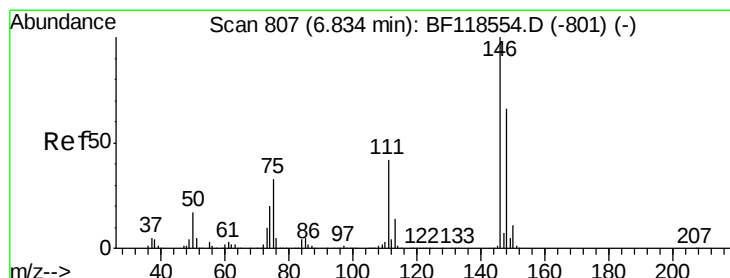
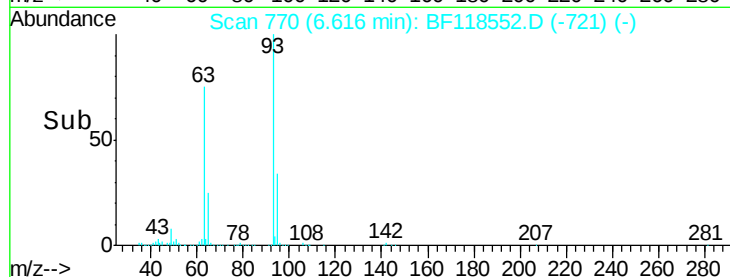
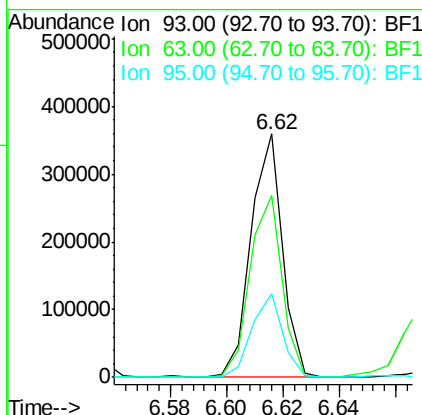
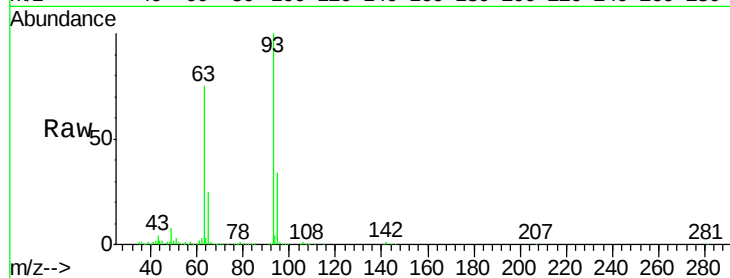




#11
bis(2-Chloroethyl)ether
Concen: 12.402 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

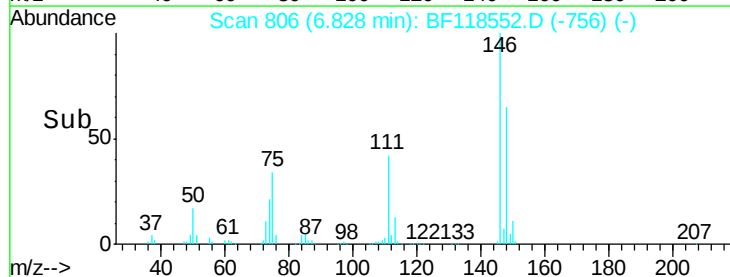
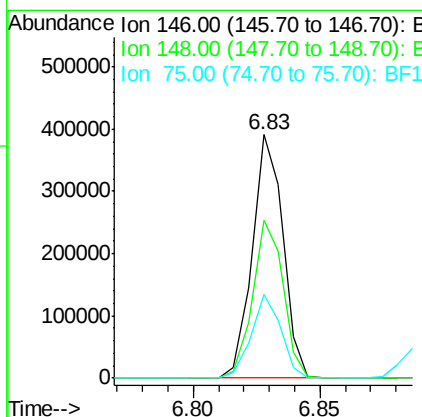
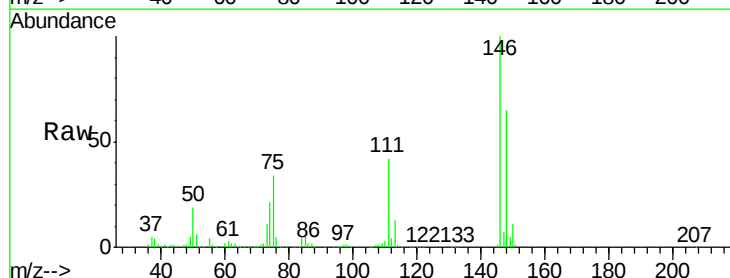
Instrument :
BNA_F
ClientSampleId :

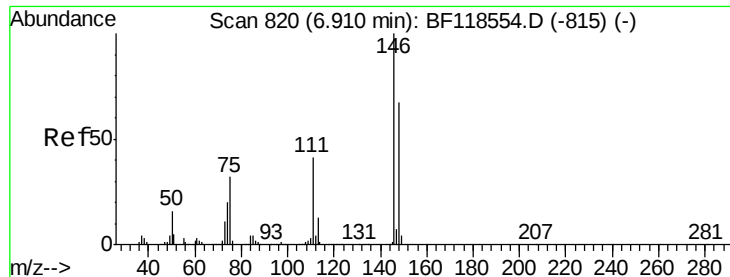
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	54.0	94.0
95	34.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 11.557 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.0	79.6
75	34.5	26.5	39.7

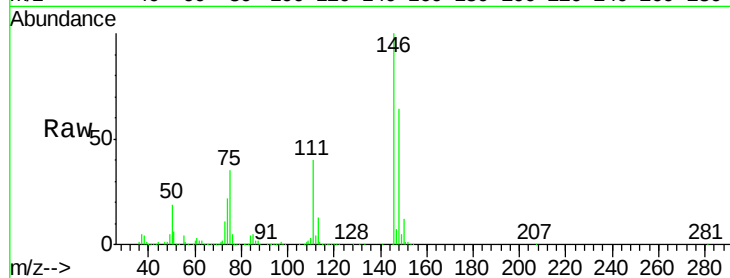




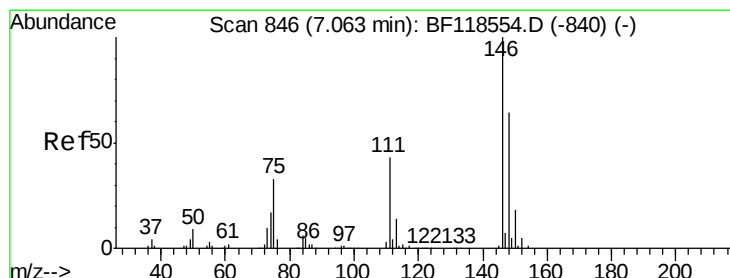
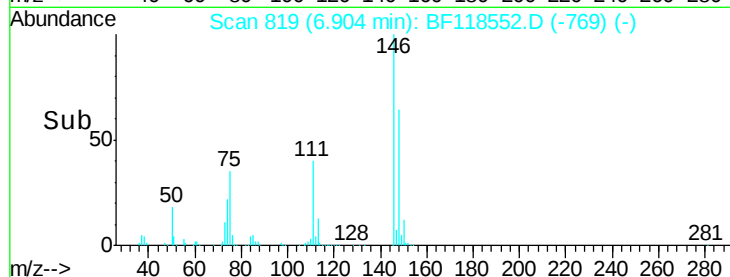
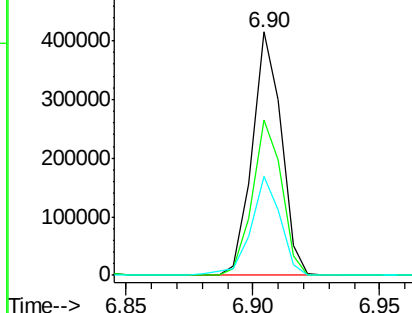
#13
 1,4-Dichlorobenzene
 Concen: 11.615 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.2
111	40.4	32.6	48.8

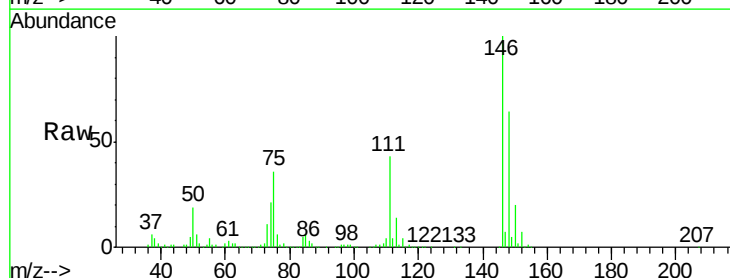


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

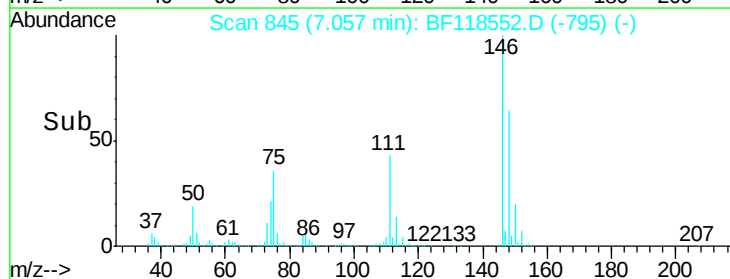
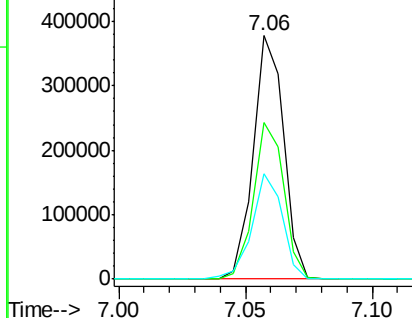


#14
 1,2-Dichlorobenzene
 Concen: 11.975 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	43.4	34.6	52.0



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





#15

Benzyl Alcohol

Concen: 13.685 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

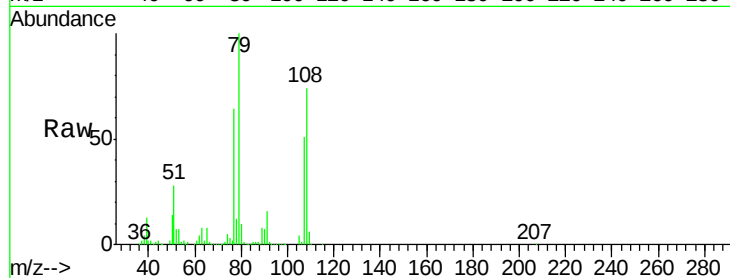
Tot Ion: 79 Resp: 257130

Ion Ratio Lower Upper

79 100

108 73.8 61.9 92.9

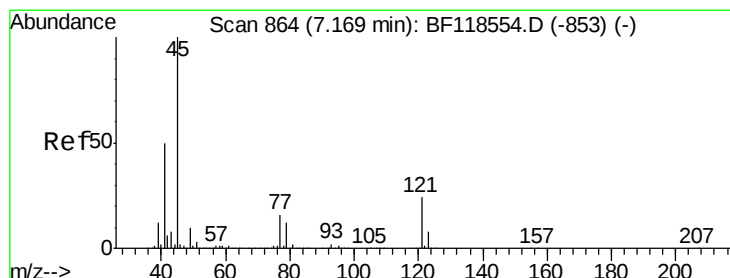
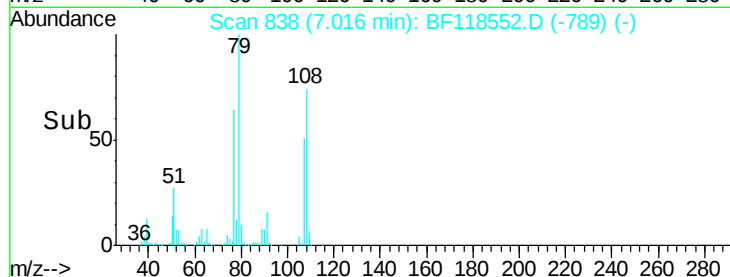
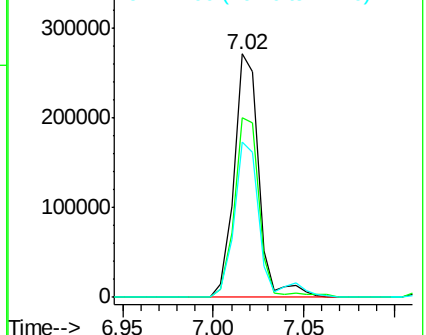
77 64.0 51.5 77.3



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: 17.769 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

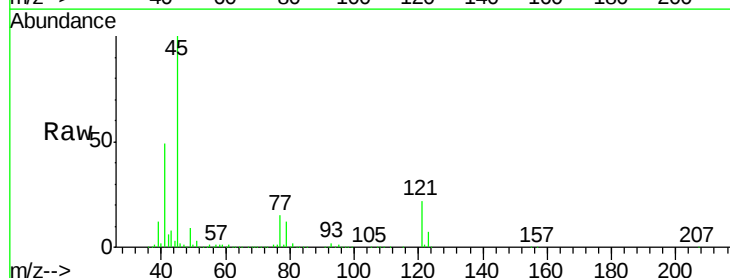
Tgt Ion: 45 Resp: 410046

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.8

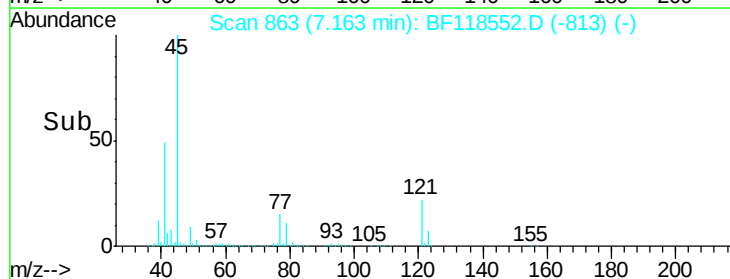
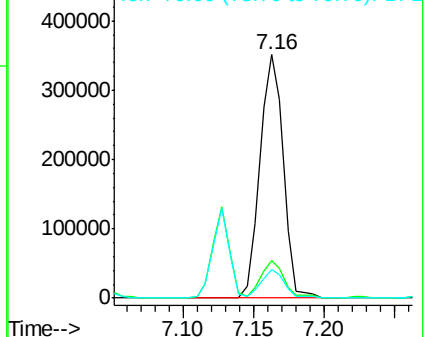
79 11.5 0.0 32.2

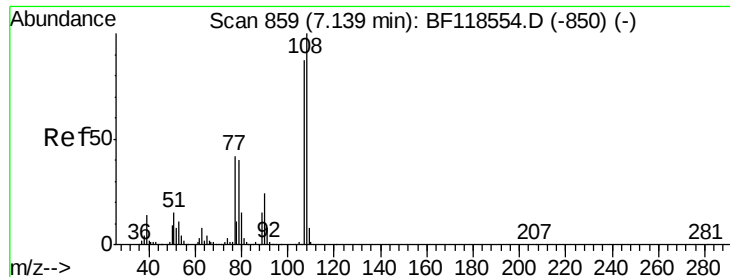


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 11.752 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 225235

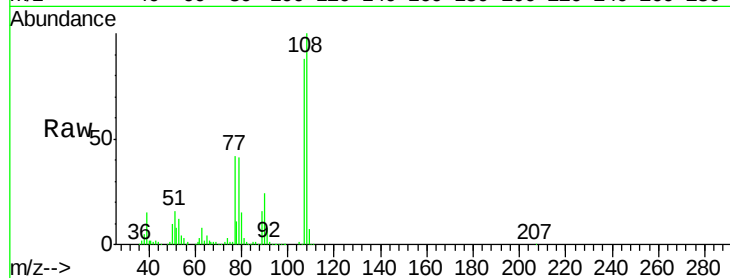
Ion Ratio Lower Upper

107 100

108 113.8 92.3 138.5

77 47.9 38.6 57.8

79 46.8 37.0 55.6

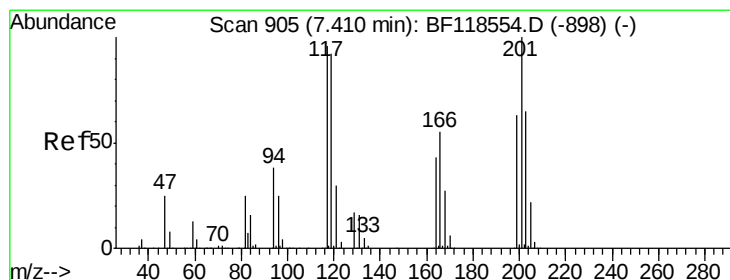
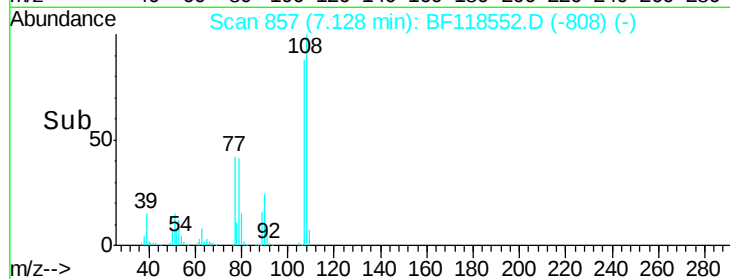
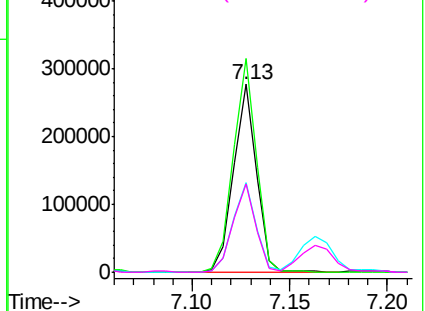


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 10.965 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

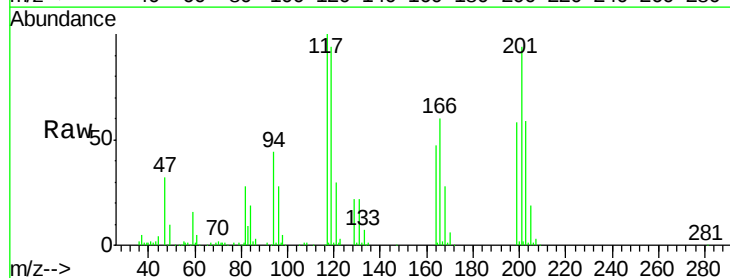
Tgt Ion:117 Resp: 110981

Ion Ratio Lower Upper

117 100

119 93.8 76.9 115.3

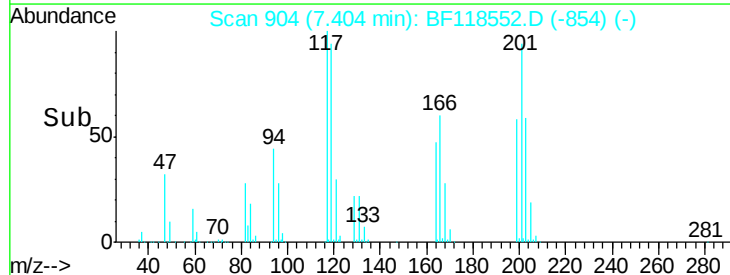
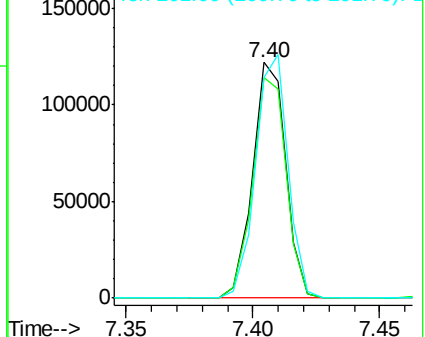
201 93.9 83.6 125.4

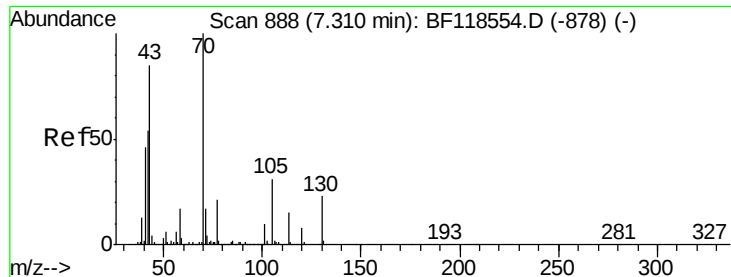


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

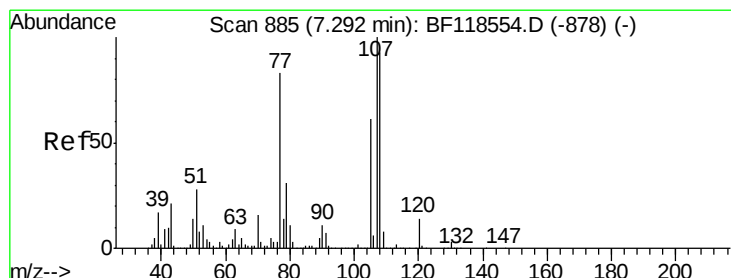
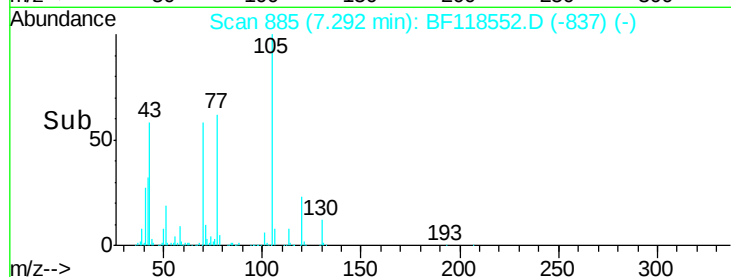
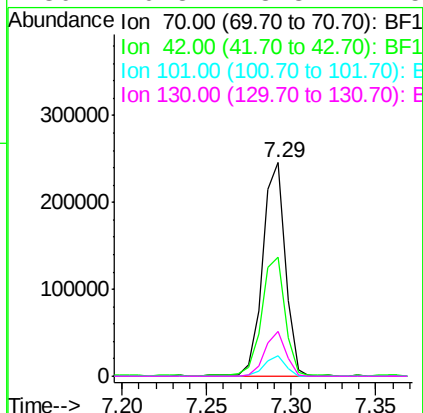
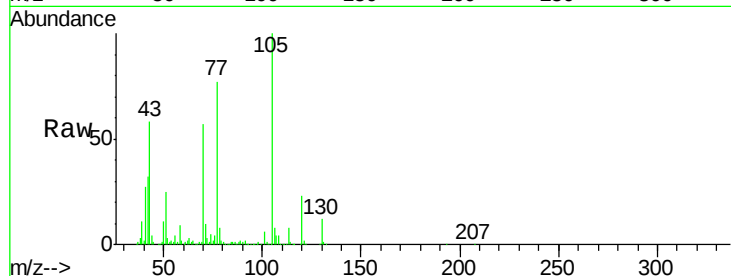




#19
n-Nitroso-di-n-propylamine
Concen: 14.894 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

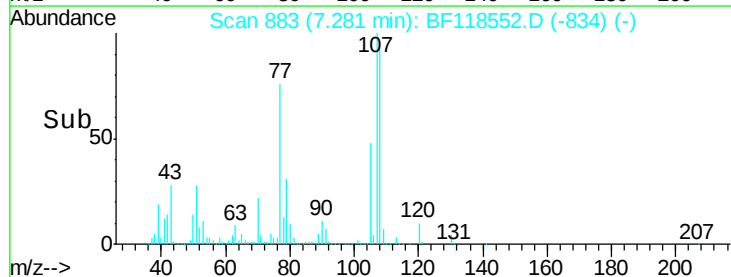
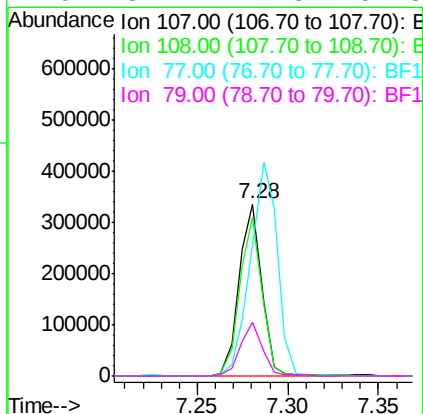
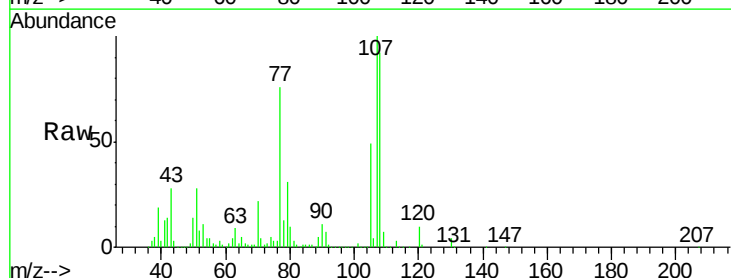
Instrument :
BNA_F
ClientSampleId :

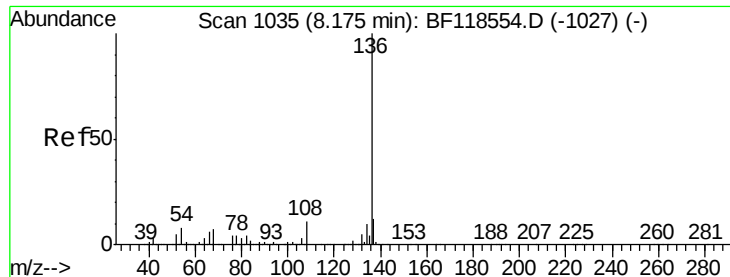
Tot Ion:	70	Resp:	227136
Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.6	65.4
101	9.7	7.7	11.5
130	20.8	18.3	27.5



#20
3+4-Methylphenols
Concen: 11.657 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:	107	Resp:	290852
Ion	Ratio	Lower	Upper
107	100		
108	92.2	72.6	112.6
77	76.3	63.0	103.0
79	31.1	11.3	51.3

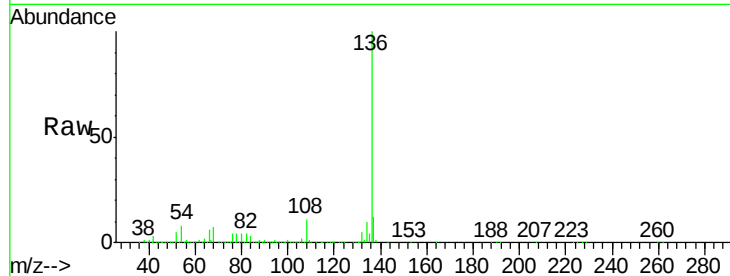




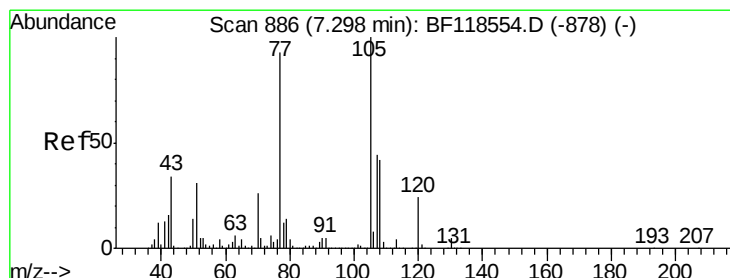
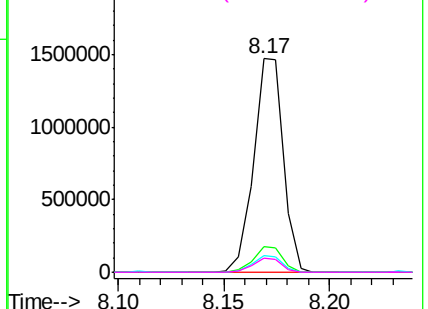
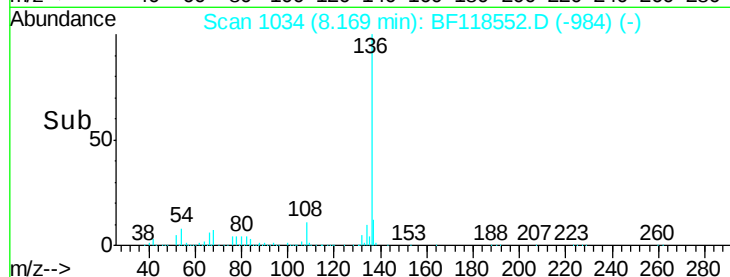
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1436866
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 8.1 6.2 9.2
68 6.9 5.4 8.0

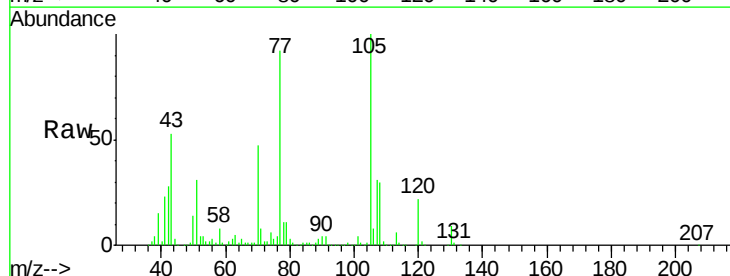


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

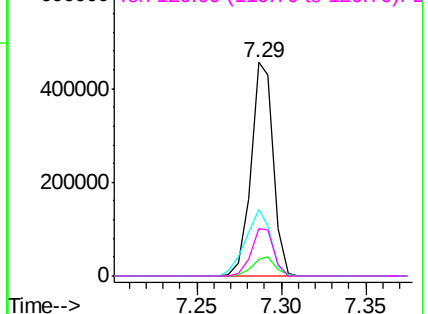
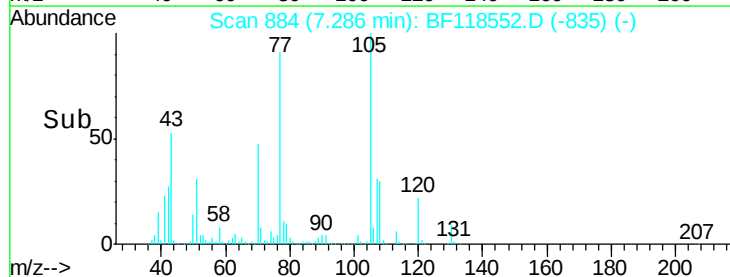


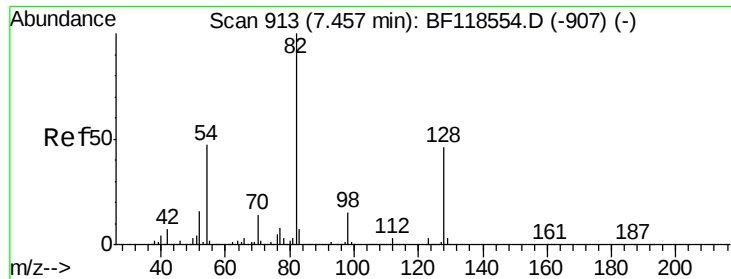
#22
Acetophenone
Concen: 12.570 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:105 Resp: 418994
Ion Ratio Lower Upper
105 100
71 8.1 3.8 5.6#
51 30.9 24.9 37.3
120 22.4 19.2 28.8



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

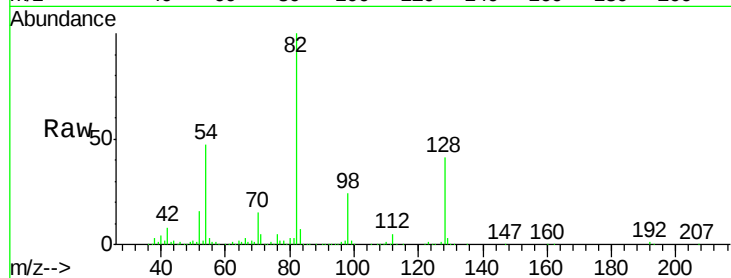




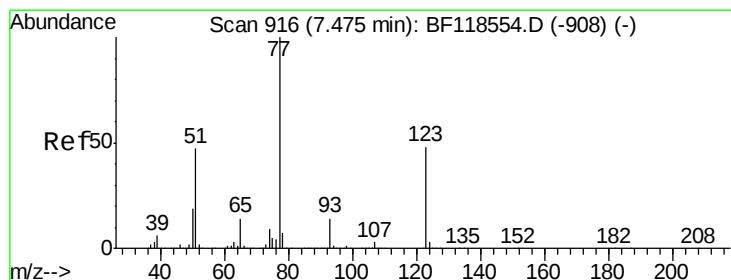
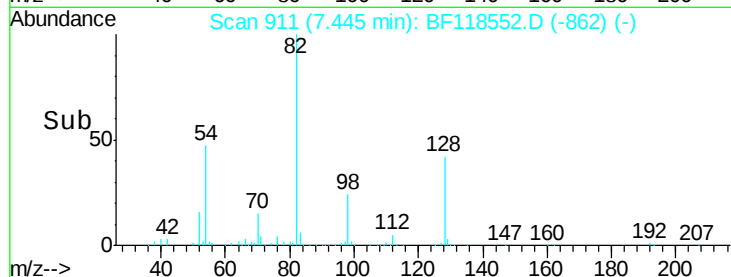
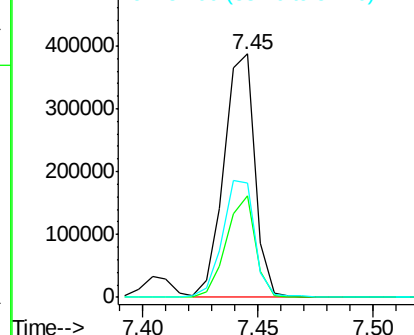
#23
Nitrobenzene-d5
Concen: 15.273 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	358369
Ion Ratio	Lower	Upper	
82	100		
128	41.5	37.0	55.4
54	46.9	37.4	56.0

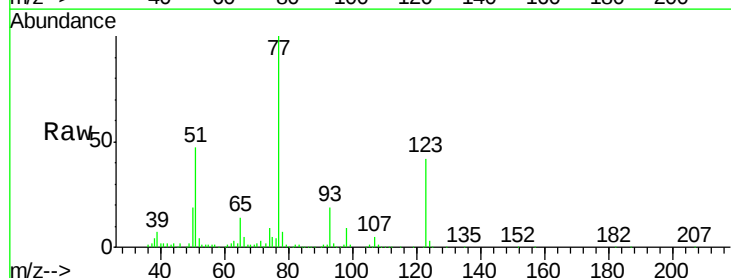


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

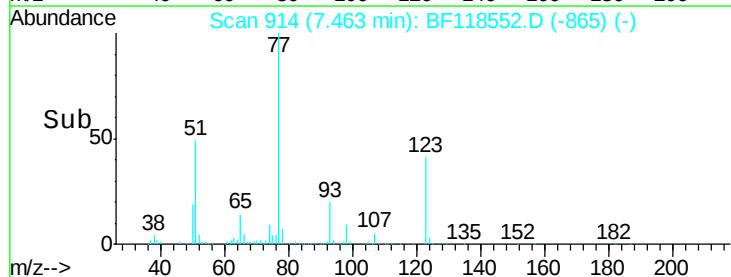
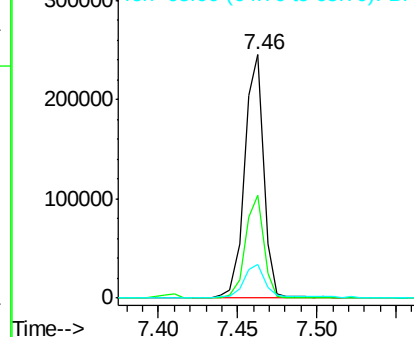


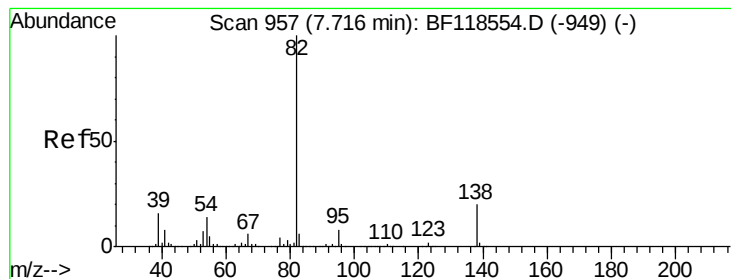
#24
Nitrobenzene
Concen: 8.691 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion	77	Resp	202702
Ion Ratio	Lower	Upper	
77	100		
123	42.5	38.2	57.2
65	13.7	11.1	16.7



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





#25

Isophorone

Concen: 13.477 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

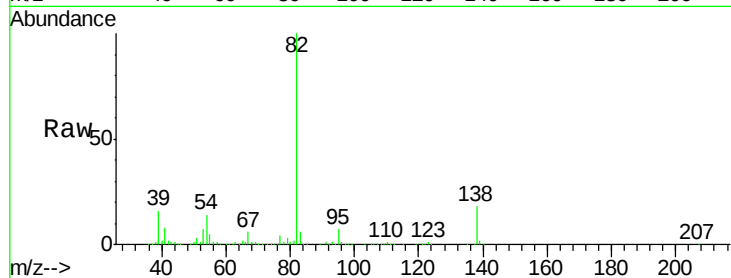
Tot Ion: 82 Resp: 569829

Ion Ratio Lower Upper

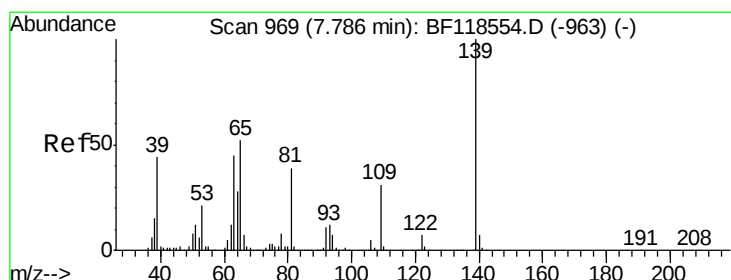
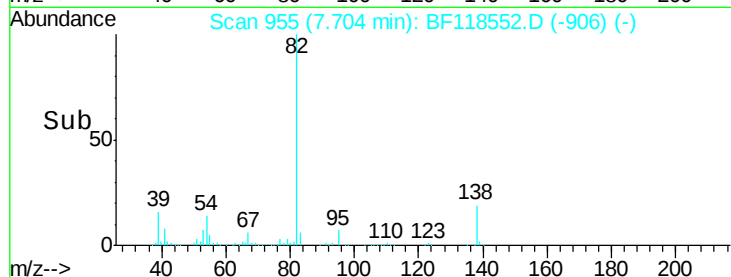
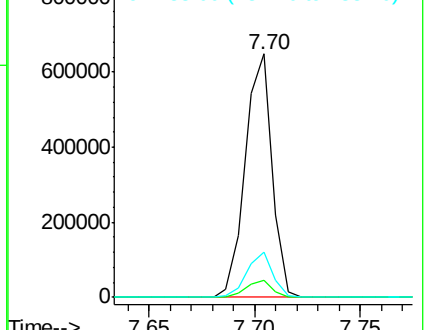
82 100

95 7.2 6.0 9.0

138 18.5 15.8 23.8



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: 4.030 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

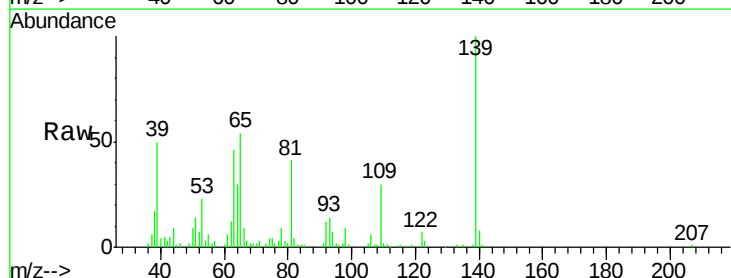
Tgt Ion: 139 Resp: 55149

Ion Ratio Lower Upper

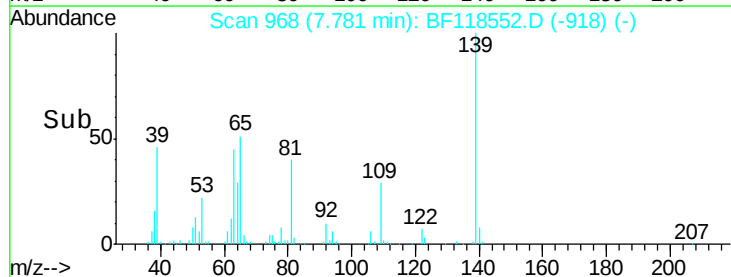
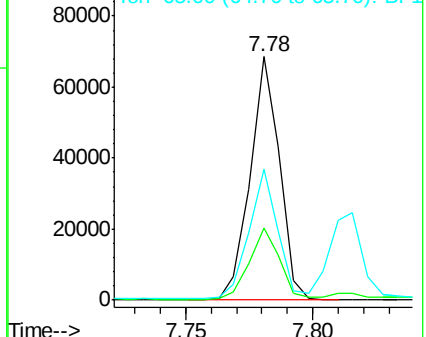
139 100

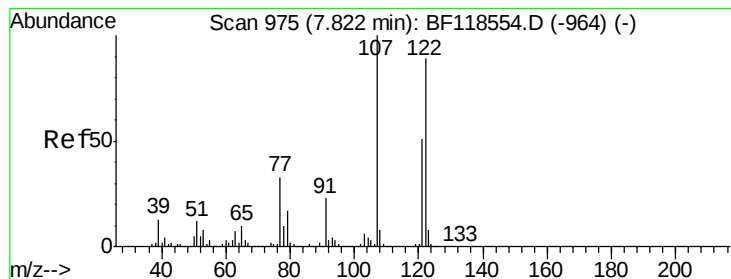
109 29.6 24.6 36.8

65 53.9 42.1 63.1



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

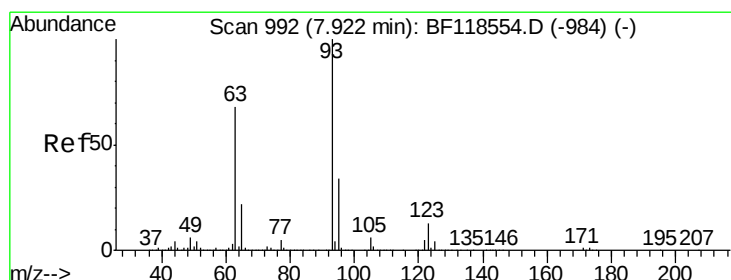
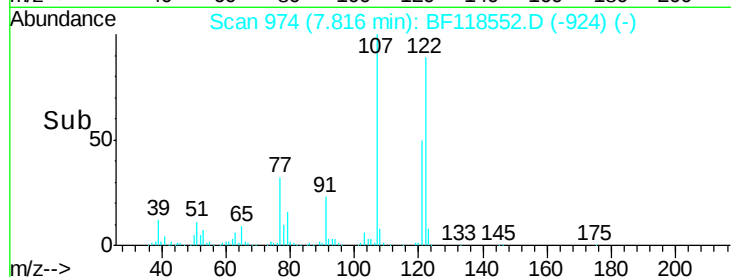
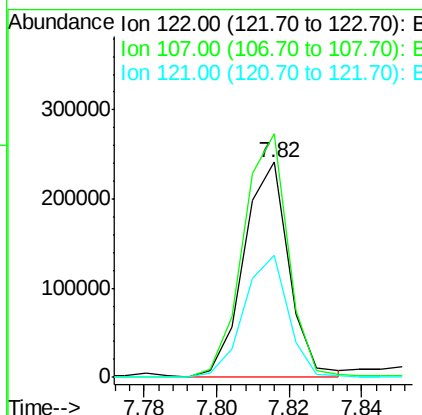
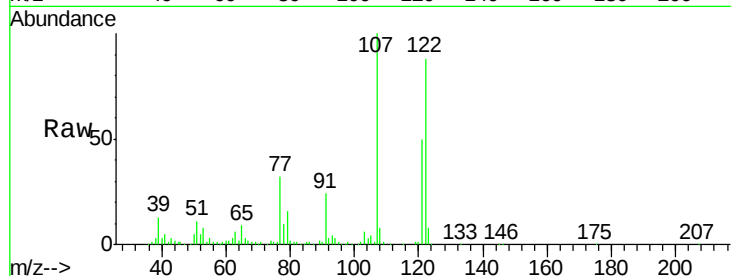




#27
2,4-Dimethylphenol
Concen: 11.363 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

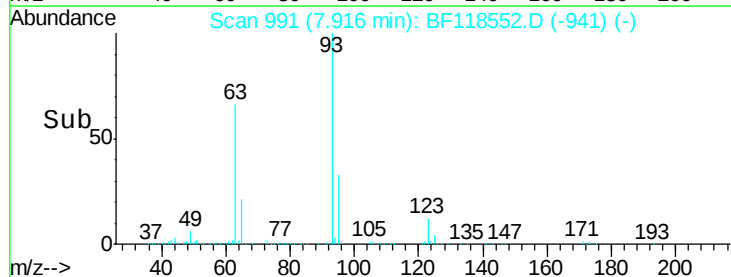
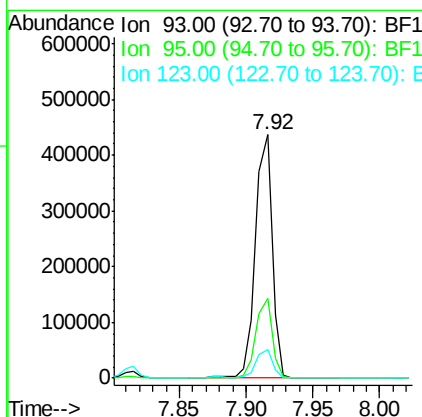
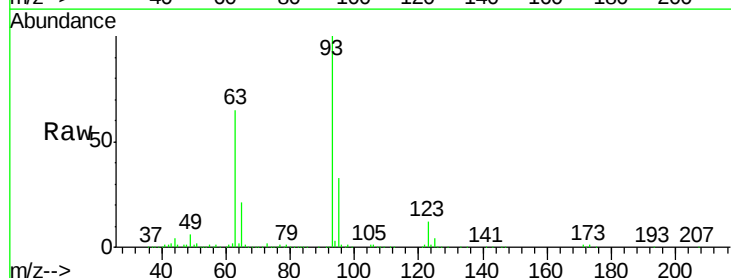
Instrument :
BNA_F
ClientSampleId :

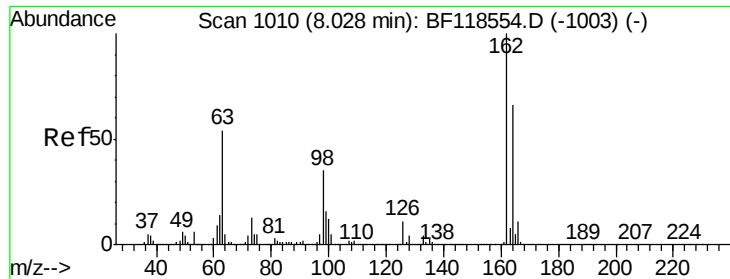
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	89.6	134.4
121	56.4	45.9	68.9



#28
bis(2-Chloroethoxy)methane
Concen: 12.768 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.3	40.9
123	11.5	10.2	15.4

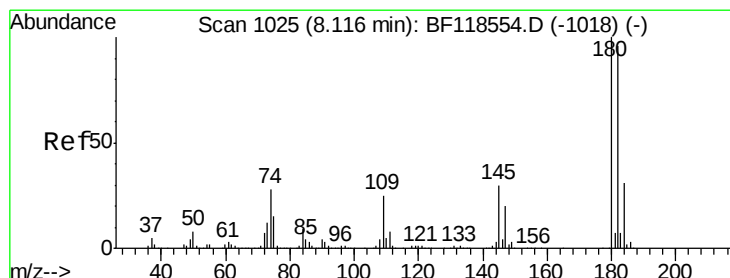
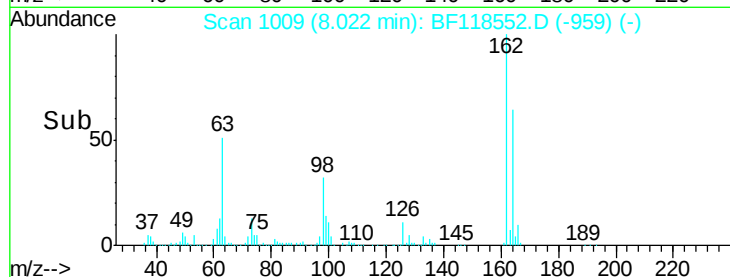
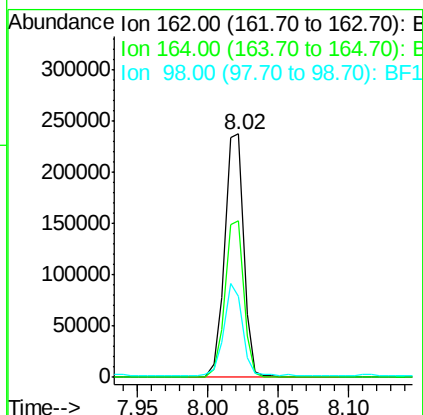
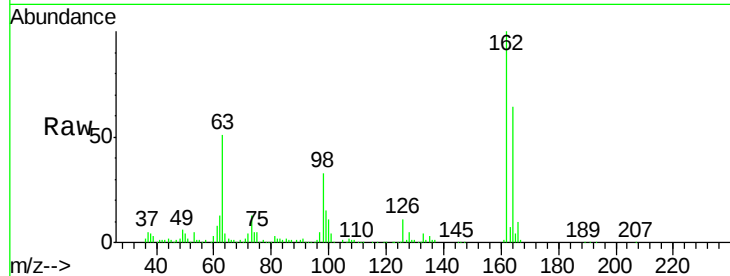




#29
2,4-Dichlorophenol
Concen: 10.585 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

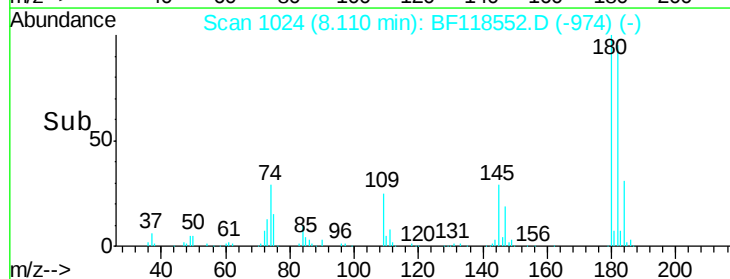
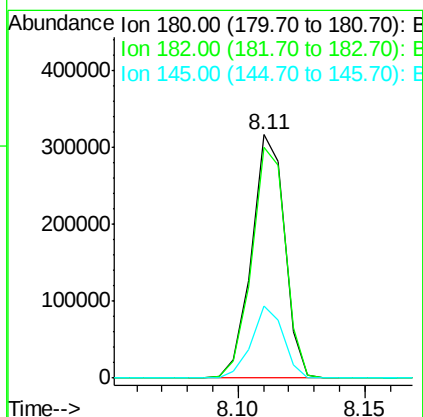
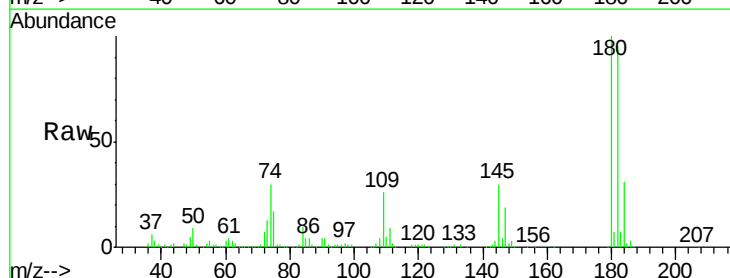
Instrument :
BNA_F
ClientSampleId :

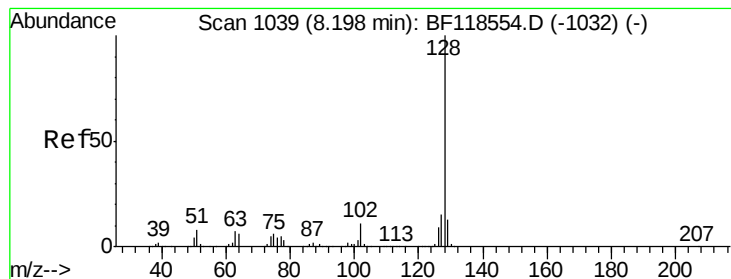
Tot Ion:162 Resp: 224925
Ion Ratio Lower Upper
162 100
164 64.5 45.6 85.6
98 33.4 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 11.906 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:180 Resp: 287958
Ion Ratio Lower Upper
180 100
182 94.8 76.8 115.2
145 29.6 24.2 36.2





#31

Naphthalene

Concen: 11.726 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampled :

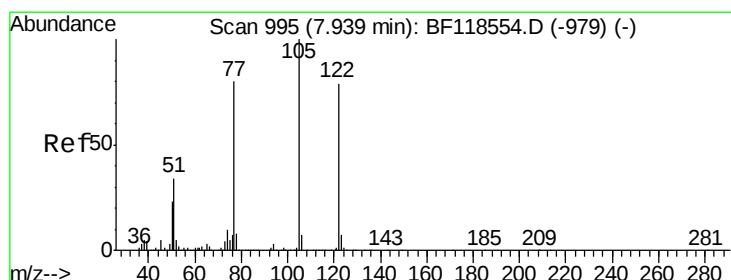
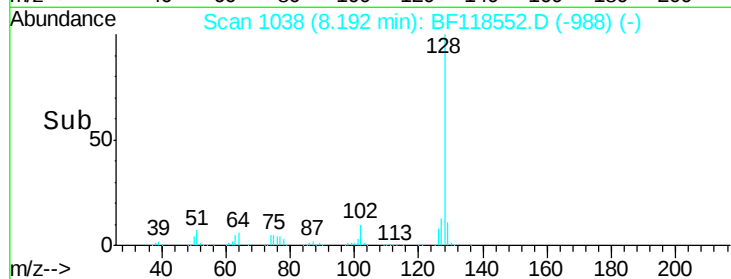
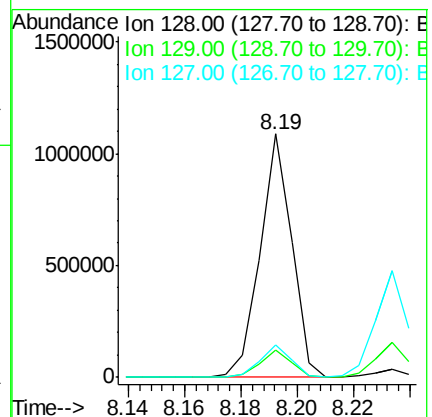
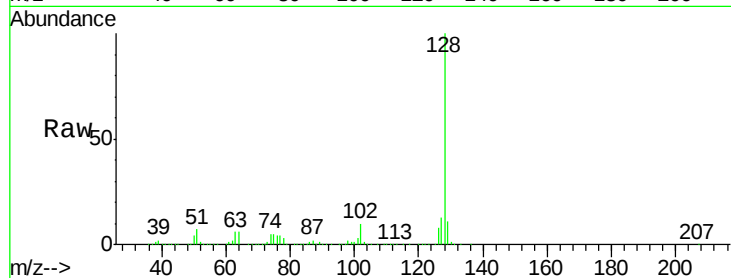
Tot Ion:128 Resp: 845252

Ion Ratio Lower Upper

128 100

129 11.2 10.3 15.5

127 13.1 12.1 18.1



#32

Benzoic acid

Concen: 4.528 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.06 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

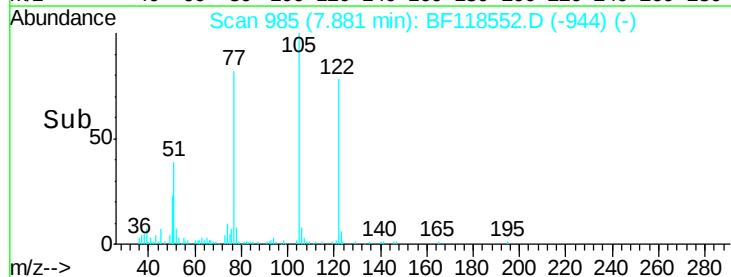
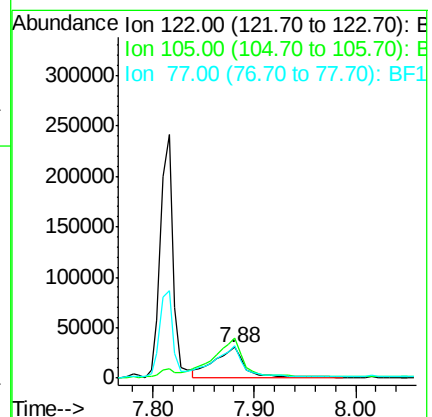
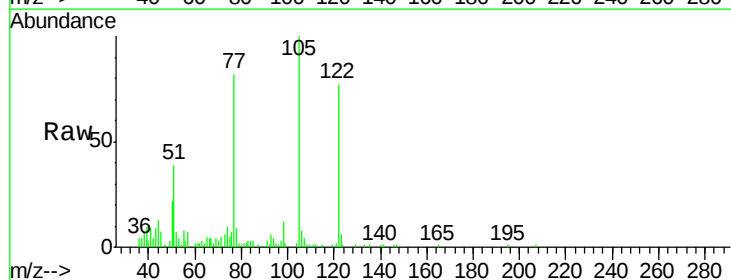
Tgt Ion:122 Resp: 59724

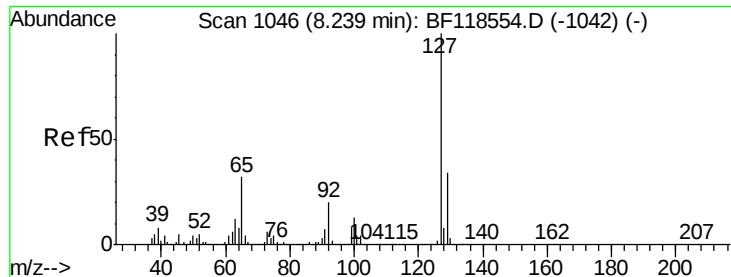
Ion Ratio Lower Upper

122 100

105 130.4 105.0 145.0

77 107.3 80.7 120.7

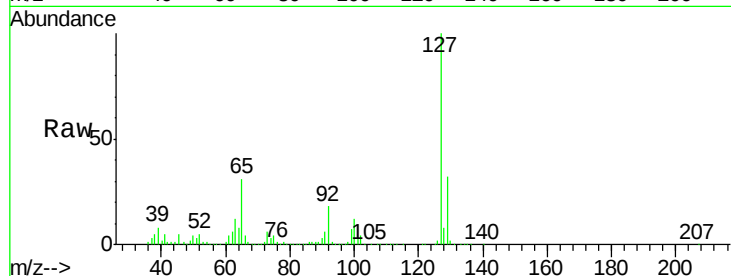




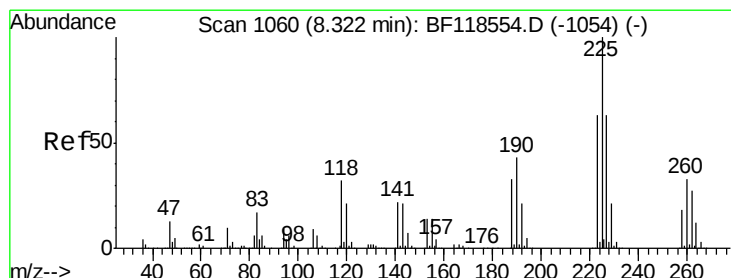
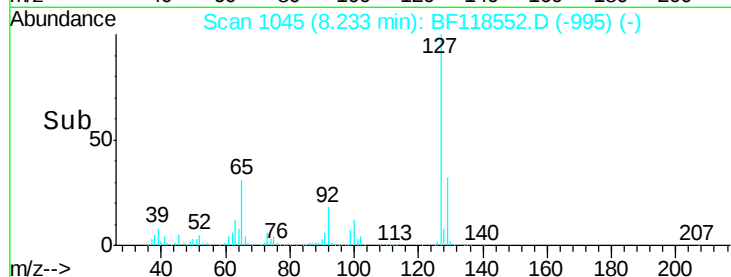
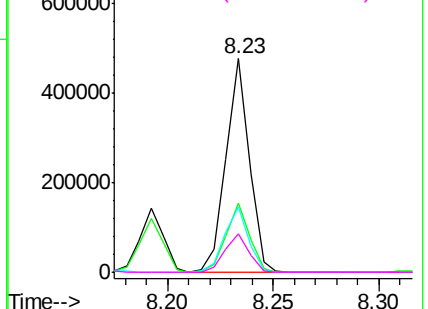
#33
4-Chloroaniline
Concen: 11.802 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	361996
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	30.9	25.8	38.8
92	18.3	15.8	23.8

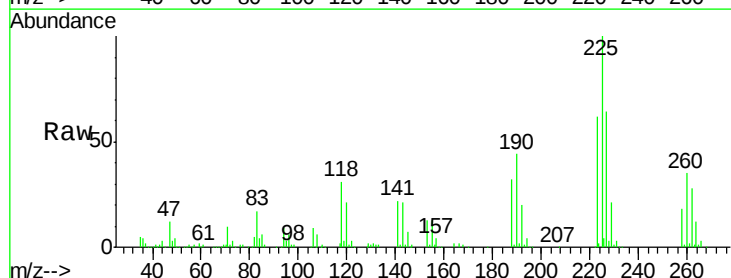


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

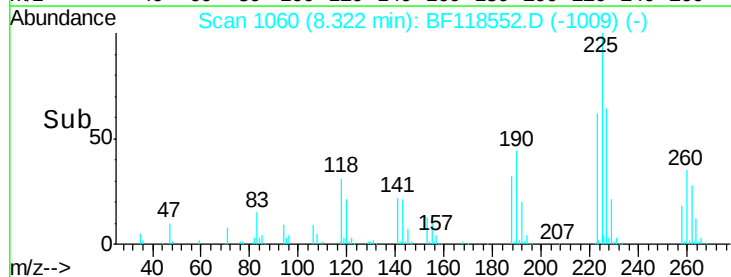
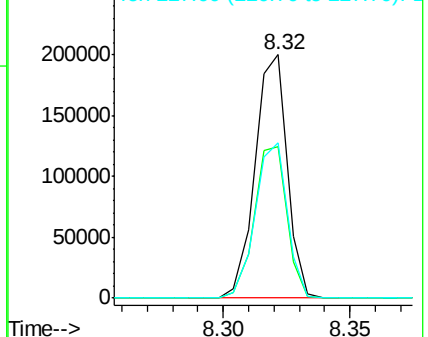


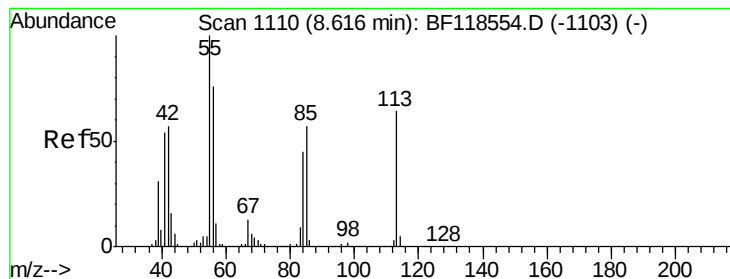
#34
Hexachlorobutadiene
Concen: 12.471 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:	225	Resp:	177202
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.8	50.4	75.6



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





#35

Caprolactam

Concen: 10.778 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.05 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampled :

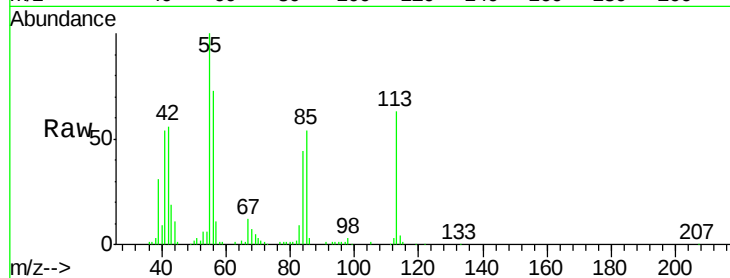
Tot Ion:113 Resp: 70579

Ion Ratio Lower Upper

113 100

55 159.3 137.3 177.3

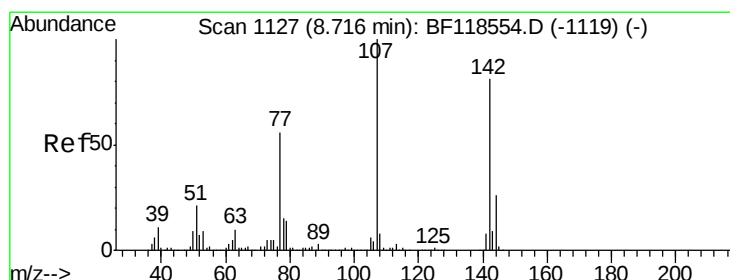
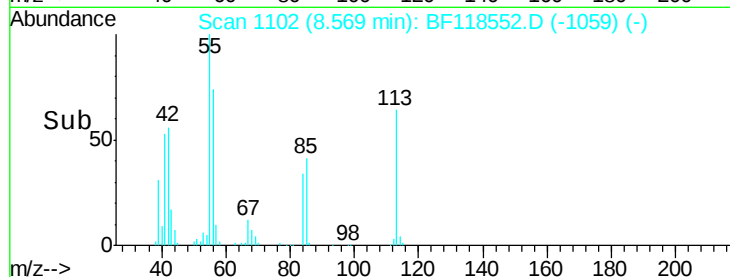
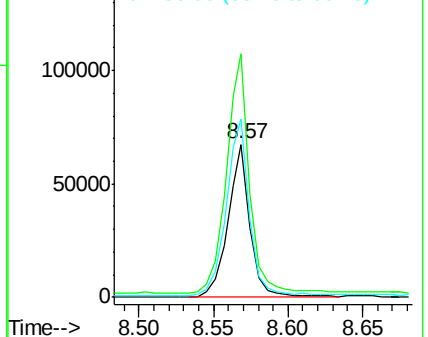
56 116.8 99.7 139.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 11.154 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

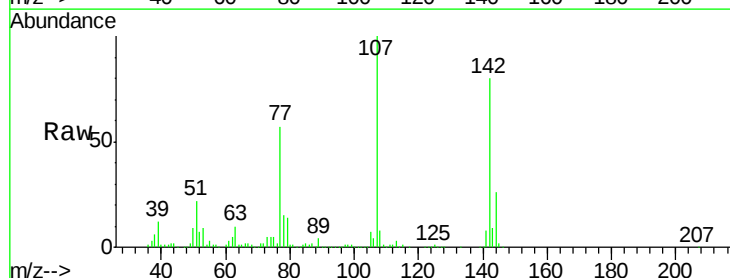
Tgt Ion:107 Resp: 244618

Ion Ratio Lower Upper

107 100

144 25.6 21.2 31.8

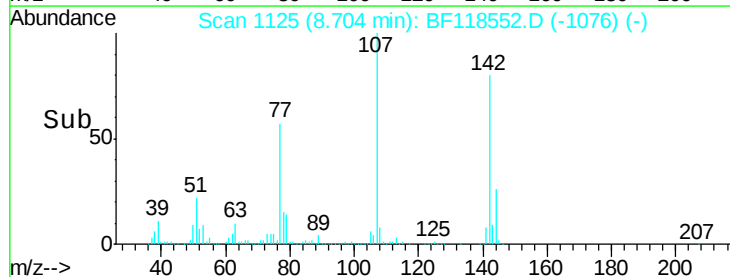
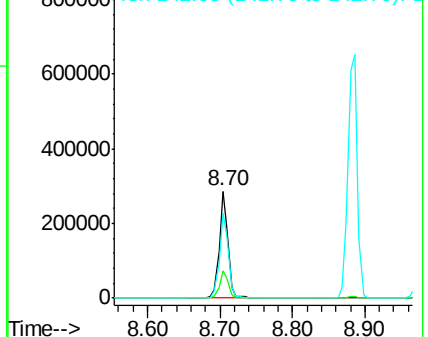
142 79.8 64.4 96.6

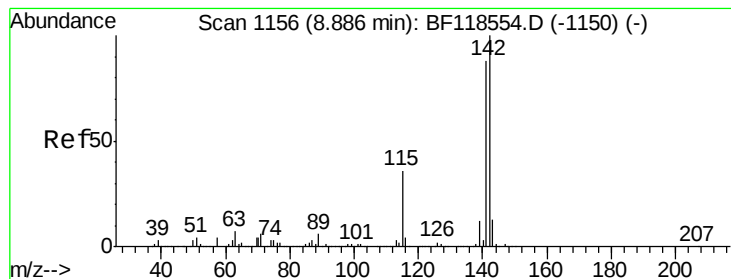


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 12.209 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

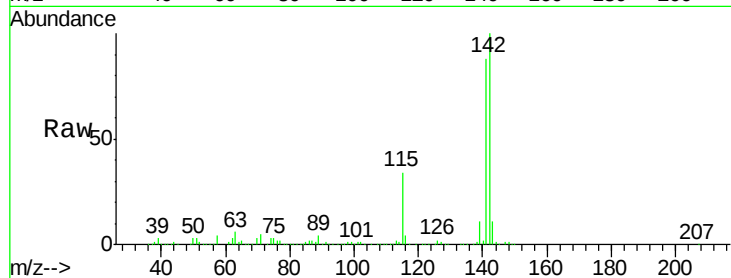
Tot Ion:142 Resp: 588332

Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0

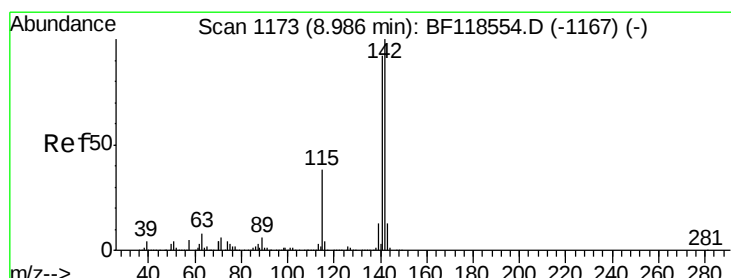
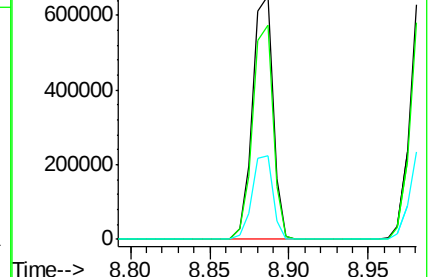
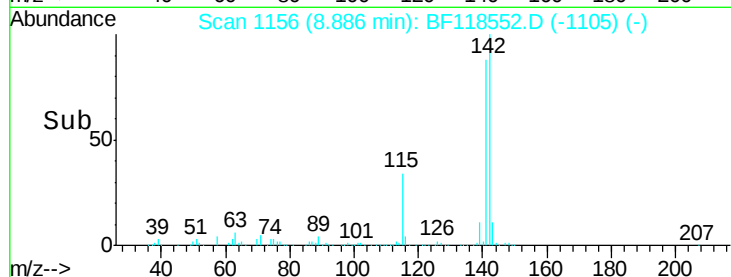
115 34.1 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 12.114 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

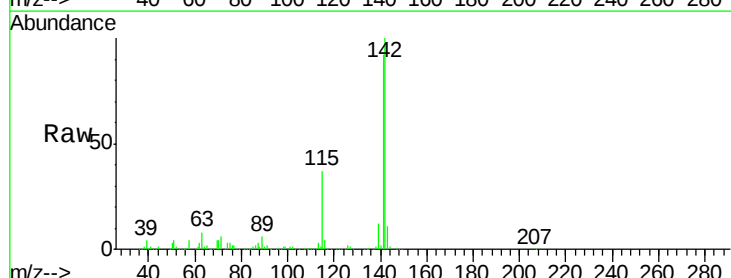
Tgt Ion:142 Resp: 553487

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

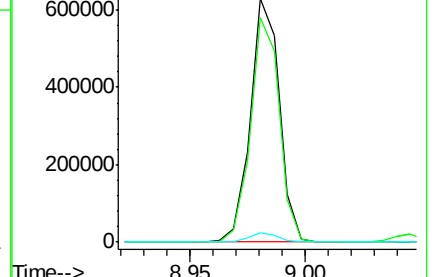
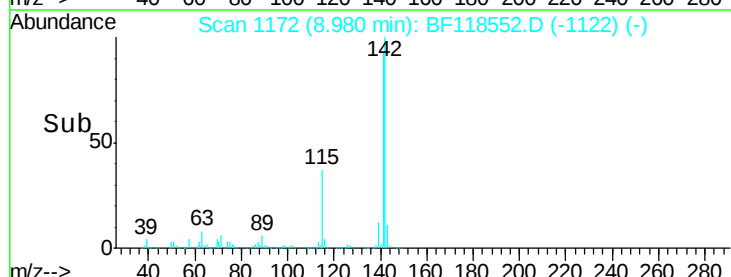
116 4.0 3.3 4.9

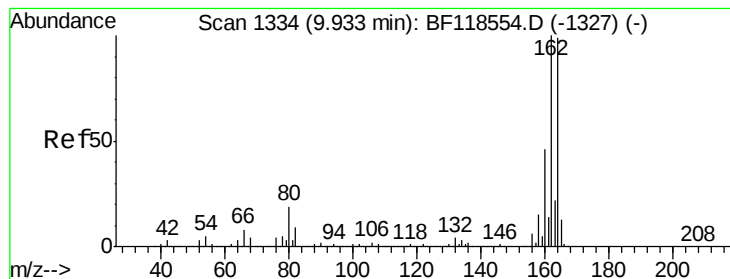


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampled :

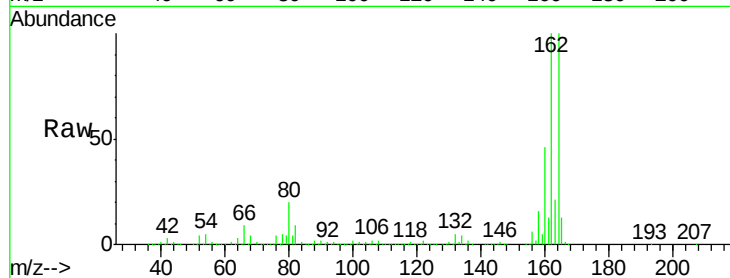
Tot Ion:164 Resp: 831340

Ion Ratio Lower Upper

164 100

162 99.8 80.6 120.8

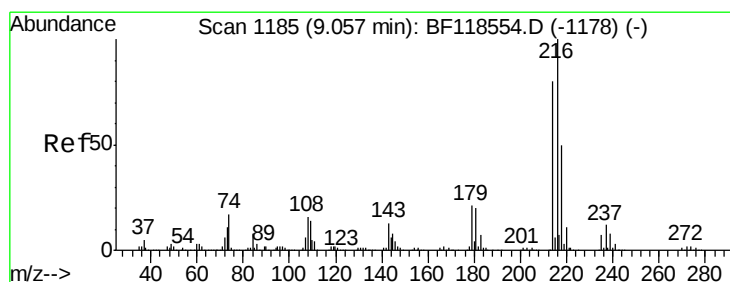
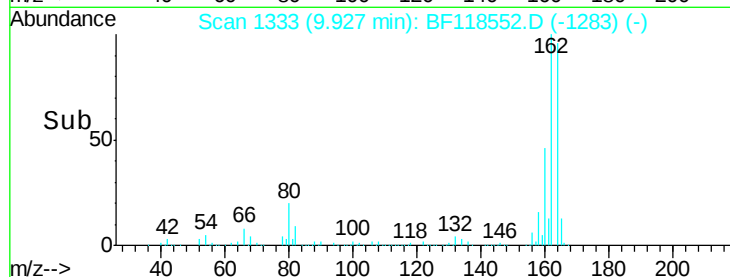
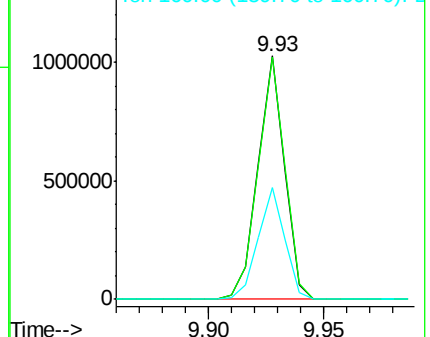
160 45.9 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 12.027 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Tgt Ion:216 Resp: 306613

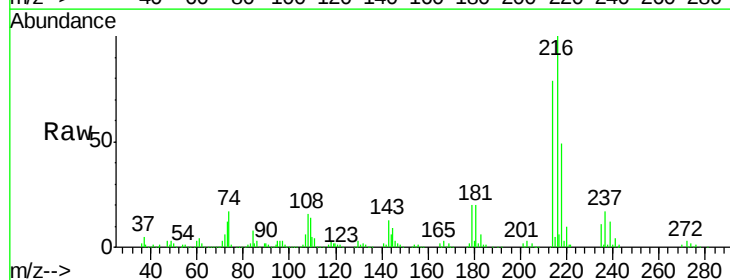
Ion Ratio Lower Upper

216 100

214 78.9 63.6 95.4

179 20.3 16.5 24.7

108 18.2 14.6 21.8

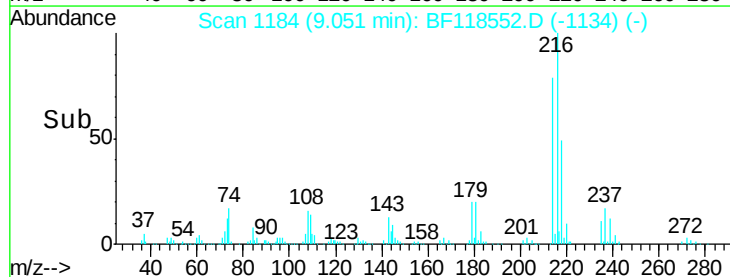
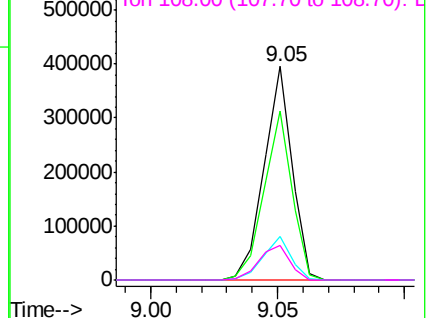


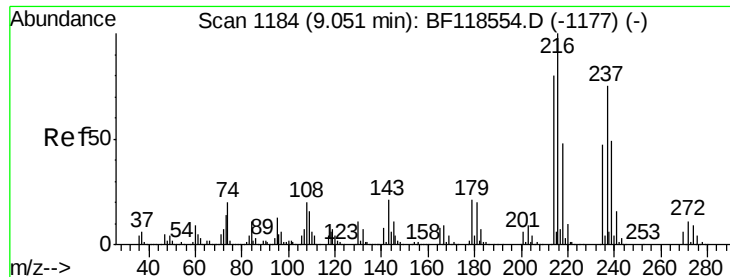
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.218 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

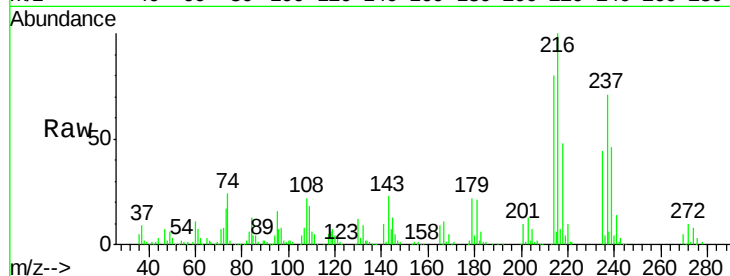
Tot Ion:237 Resp: 127981

Ion Ratio Lower Upper

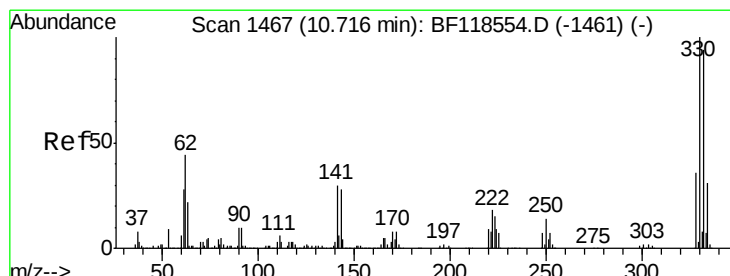
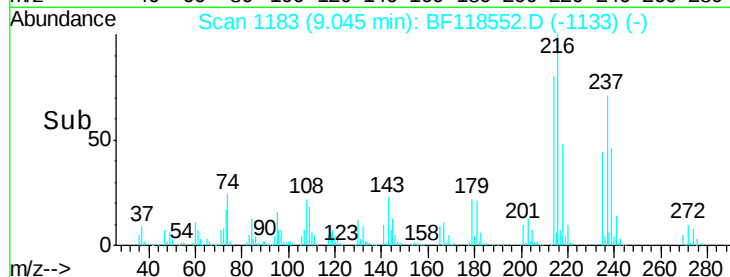
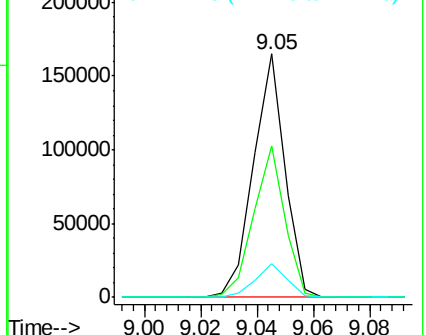
237 100

235 62.3 42.1 82.1

272 13.8 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 17.819 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

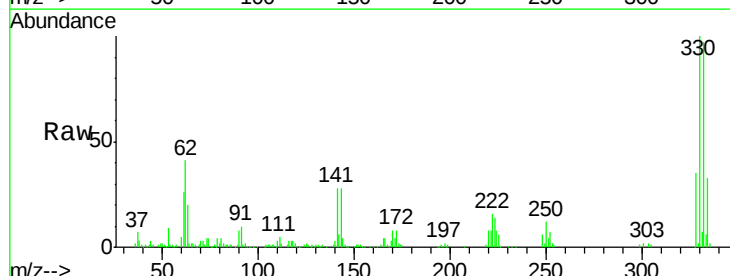
Tgt Ion:330 Resp: 179685

Ion Ratio Lower Upper

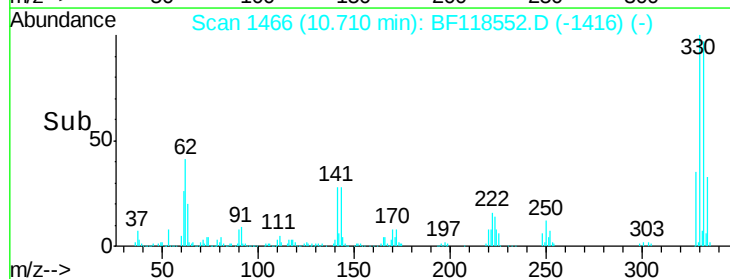
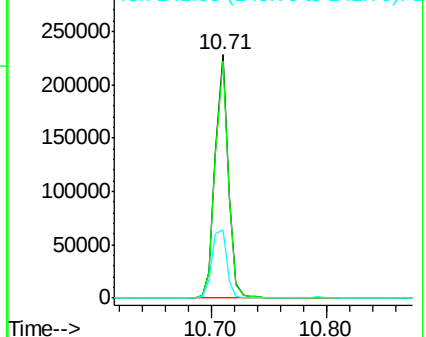
330 100

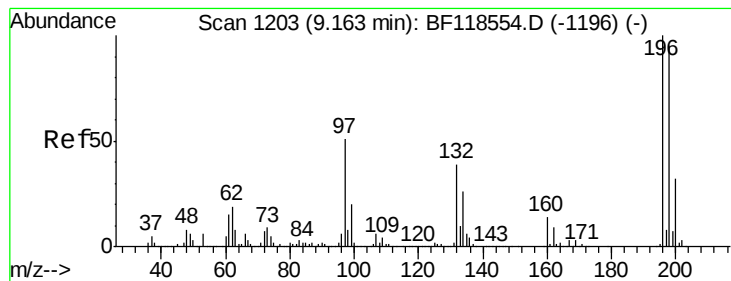
332 98.1 76.4 114.6

141 32.6 23.4 35.2



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: 9.927 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

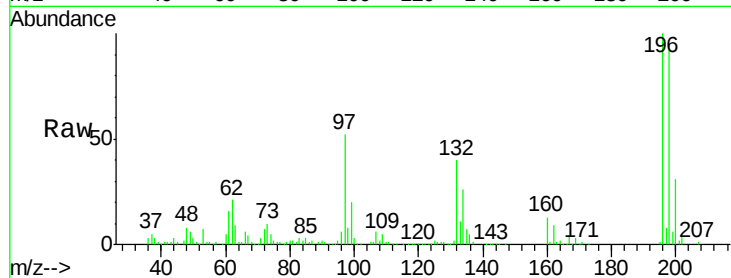
Tot Ion:196 Resp: 163871

Ion Ratio Lower Upper

196 100

198 95.2 76.0 114.0

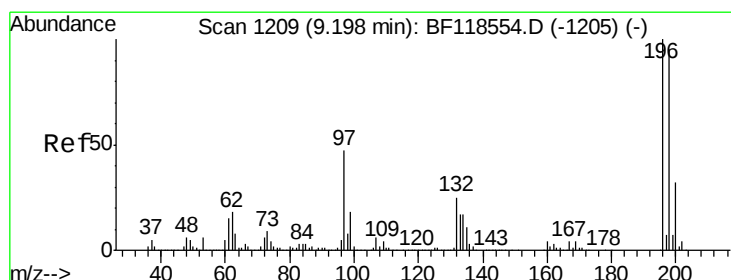
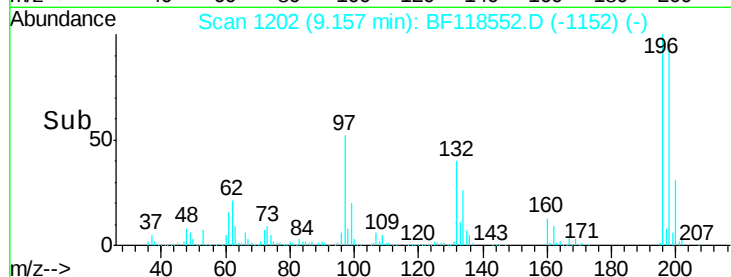
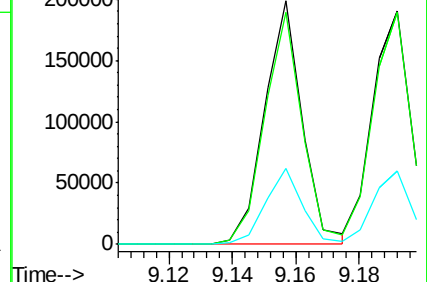
200 31.1 25.4 38.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 9.966 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Tgt Ion:196 Resp: 164302

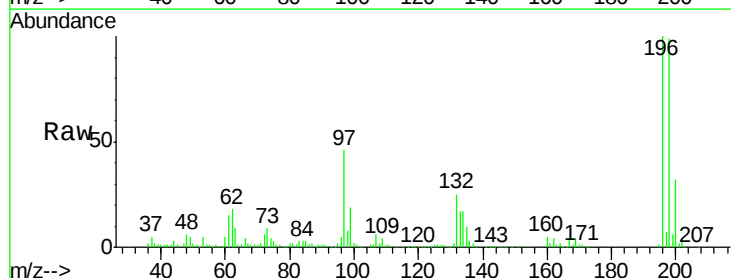
Ion Ratio Lower Upper

196 100

198 99.2 76.2 114.4

97 46.2 37.4 56.2

132 25.1 20.3 30.5

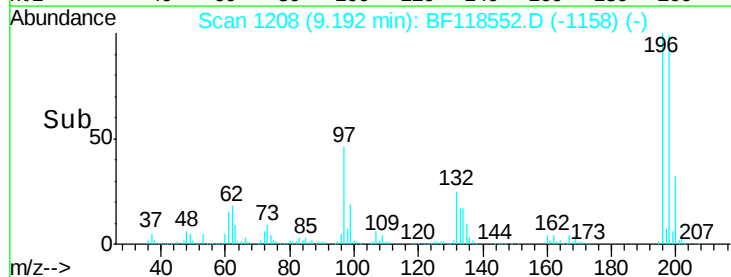
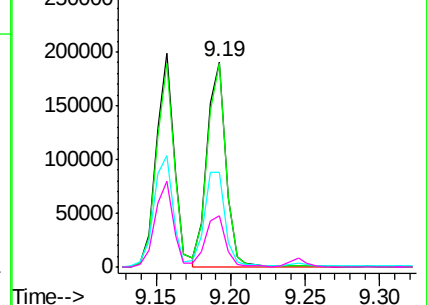


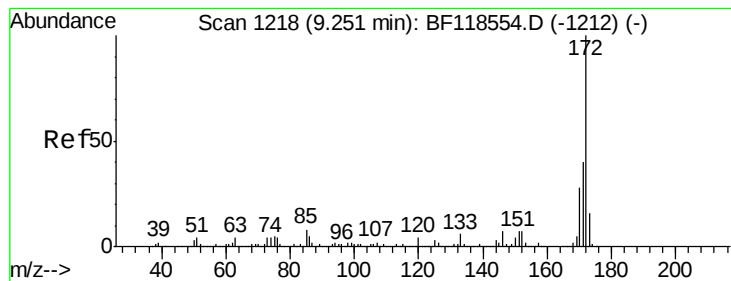
Abundance Ion 196.00 (195.70 to 196.70): E

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: 25.228 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

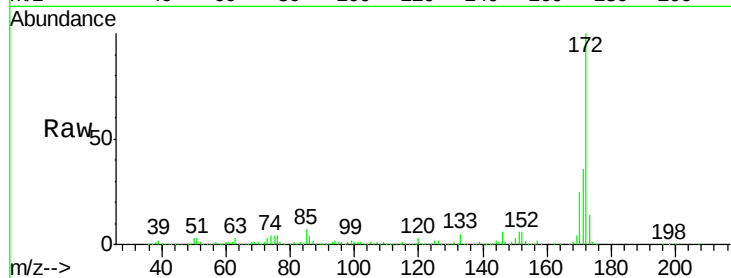
Tot Ion:172 Resp: 1300185

Ion Ratio Lower Upper

172 100

171 36.1 32.4 48.6

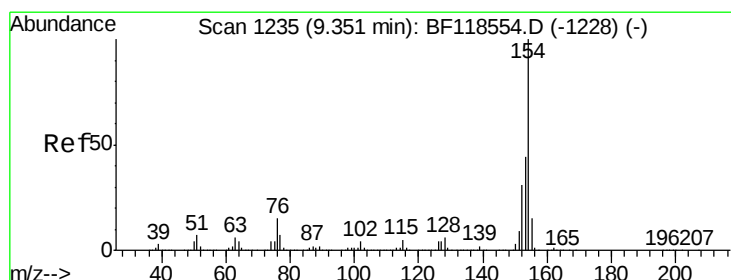
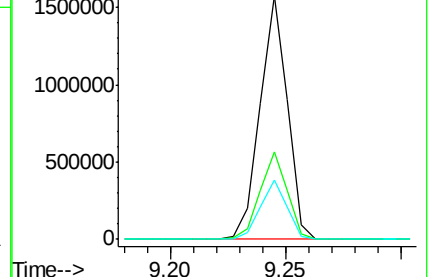
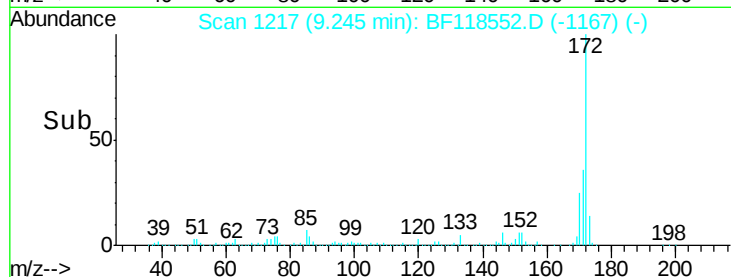
170 24.5 22.5 33.7



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: 11.253 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

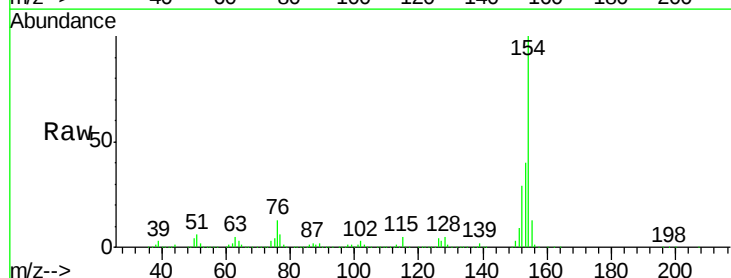
Tgt Ion:154 Resp: 741265

Ion Ratio Lower Upper

154 100

153 40.4 23.7 63.7

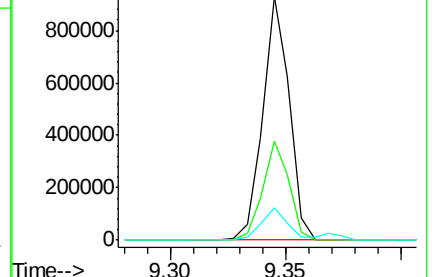
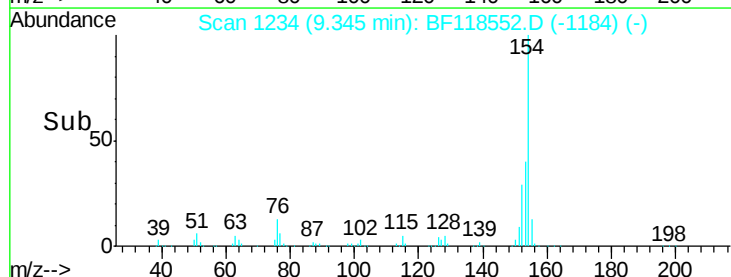
76 13.2 0.0 35.2

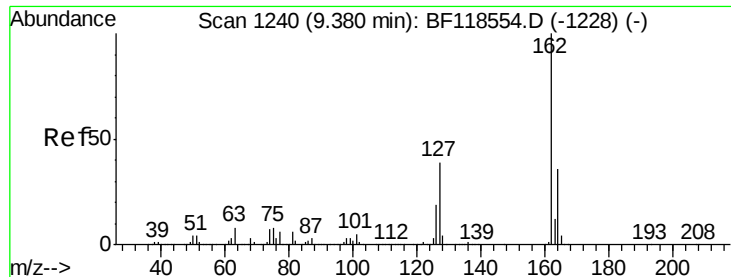


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

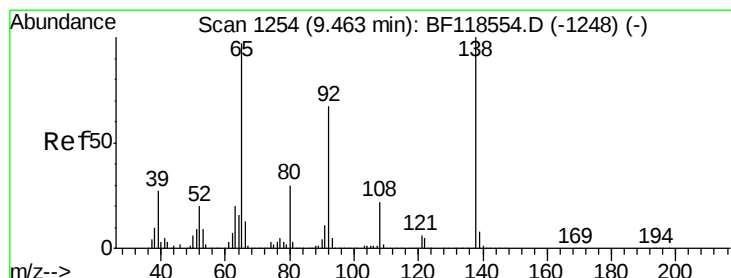
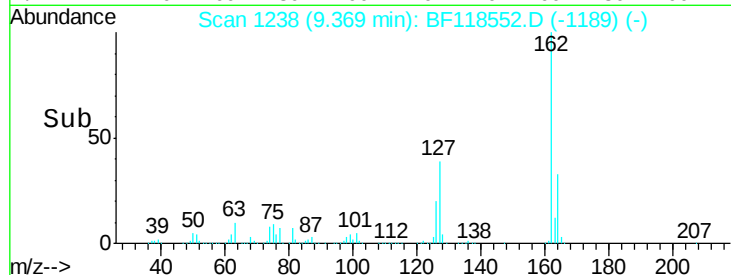
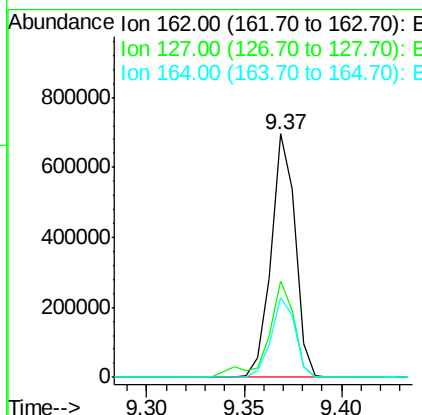
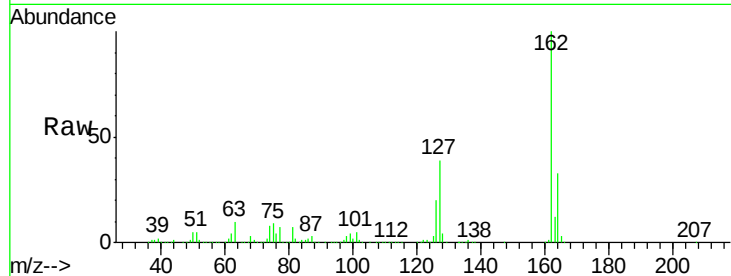




#47
 2-Chloronaphthalene
 Concen: 11.231 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

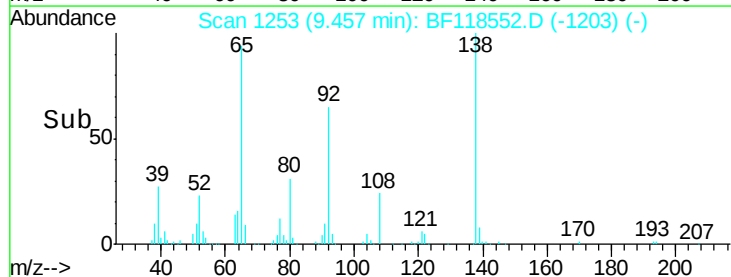
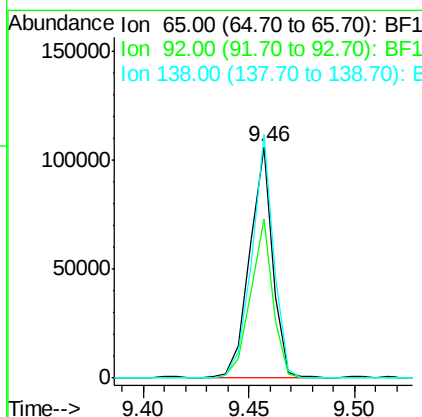
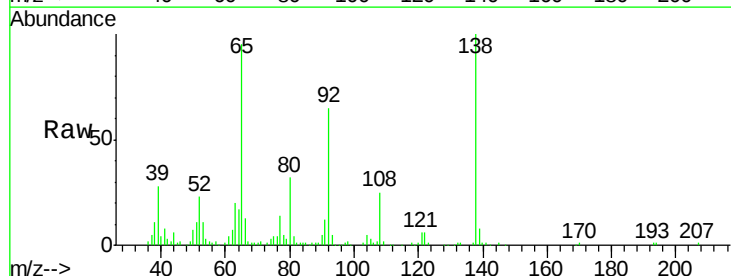
Instrument :
 BNA_F
 ClientSampleId :

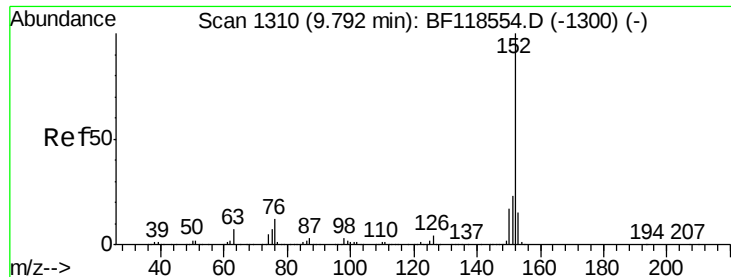
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	32.9	28.6	42.8



#48
 2-Nitroaniline
 Concen: 5.602 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.3	82.9
138	105.2	82.9	124.3





#49

Acenaphthylene

Concen: 11.285 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampled :

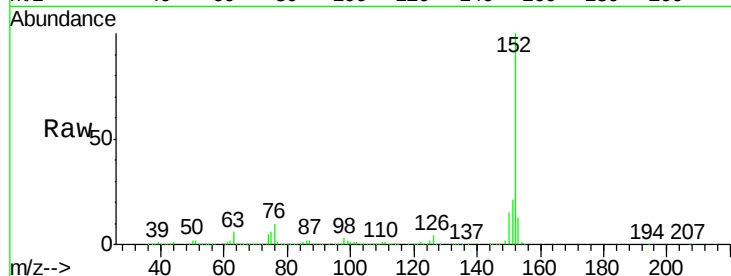
Tot Ion:152 Resp: 869701

Ion Ratio Lower Upper

152 100

151 20.6 18.6 27.8

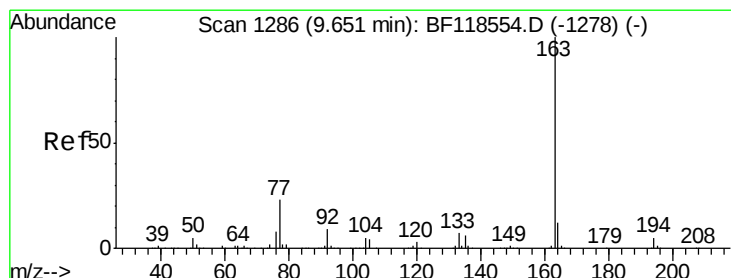
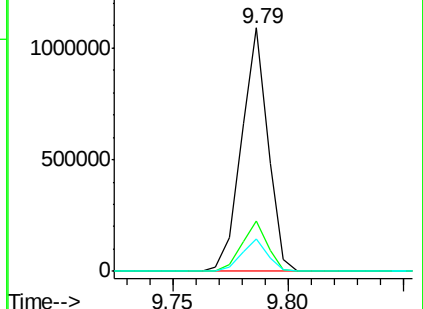
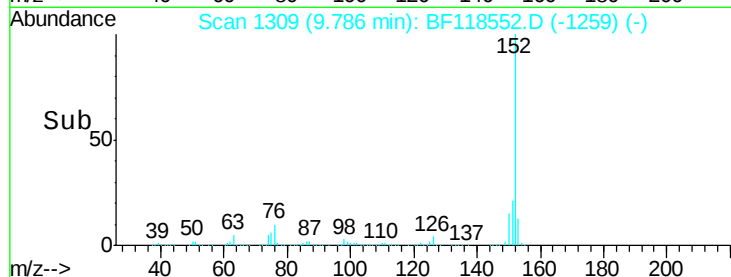
153 13.1 12.3 18.5



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: 10.990 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

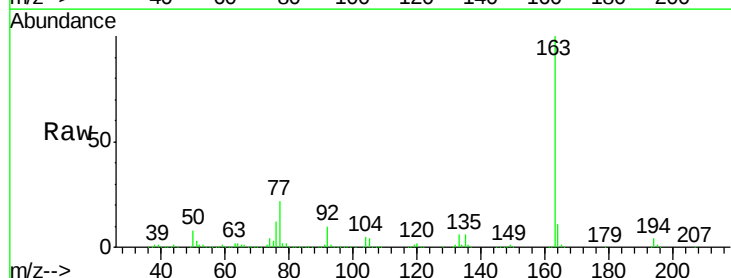
Tgt Ion:163 Resp: 674318

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.8

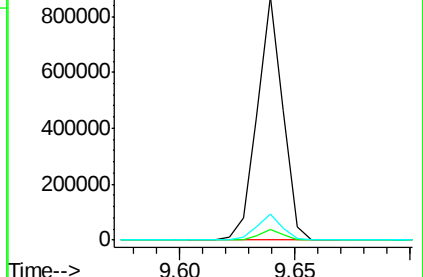
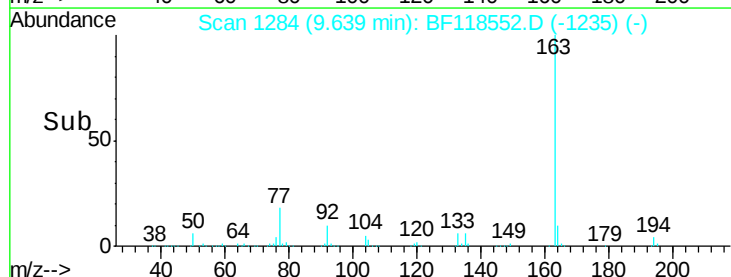
164 10.6 9.3 13.9

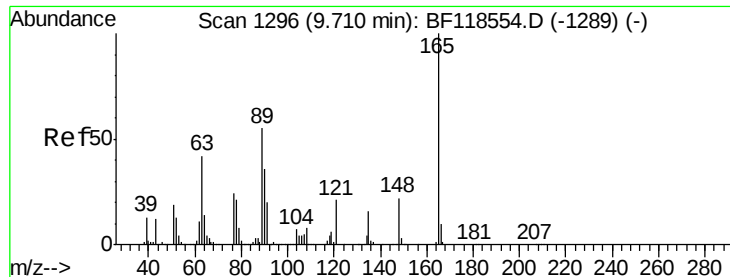


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

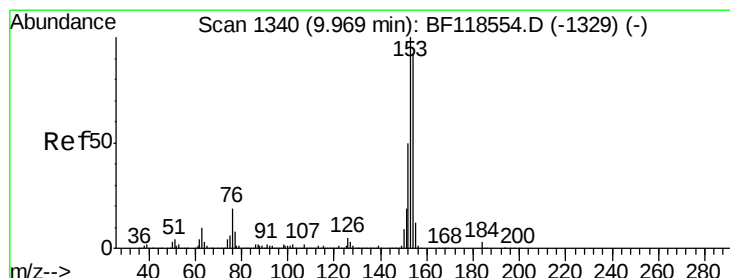
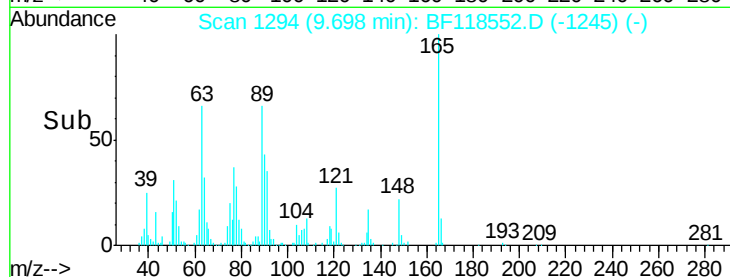
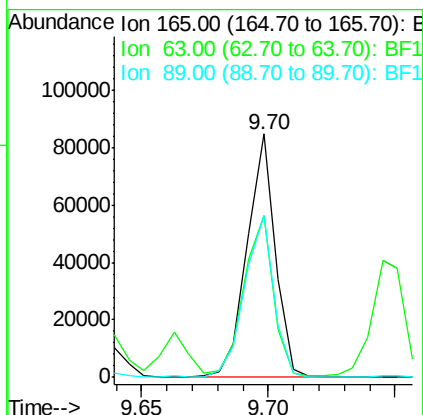
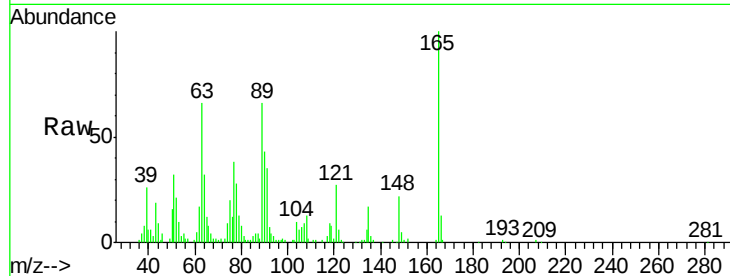




#51
2,6-Dinitrotoluene
Concen: 4.869 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

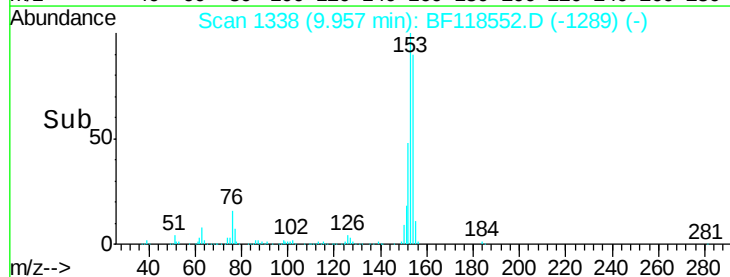
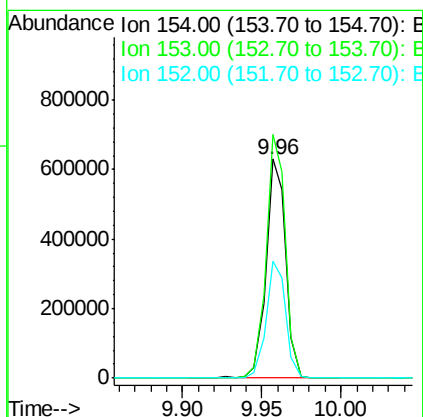
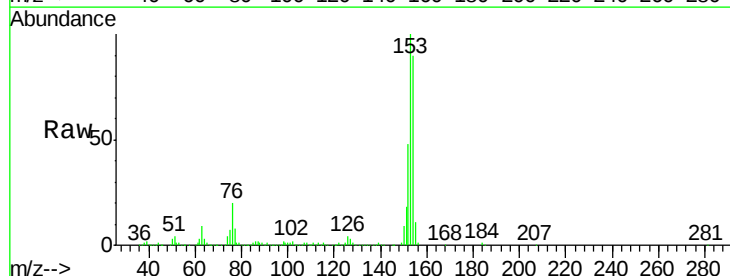
Instrument :
BNA_F
ClientSampleId :

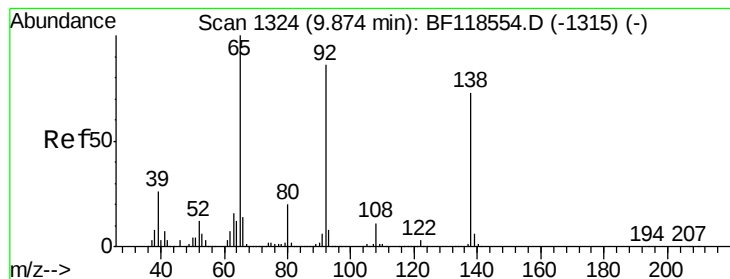
Tot Ion:165 Resp: 65693
Ion Ratio Lower Upper
165 100
63 66.4 41.9 62.9#
89 66.3 44.0 66.0#



#52
Acenaphthene
Concen: 11.551 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:154 Resp: 547697
Ion Ratio Lower Upper
154 100
153 111.3 87.0 130.4
152 53.6 43.8 65.8





#53

3-Nitroaniline

Concen: 5.601 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

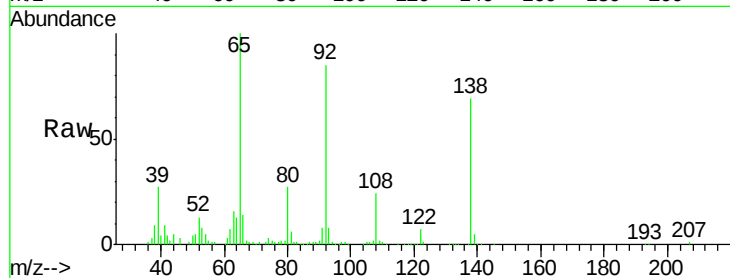
Tot Ion:138 Resp: 87407

Ion Ratio Lower Upper

138 100

108 34.3 12.2 18.4#

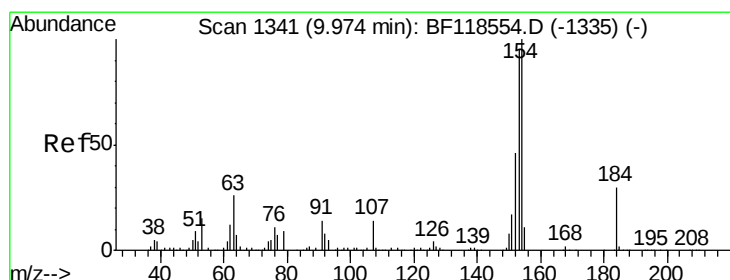
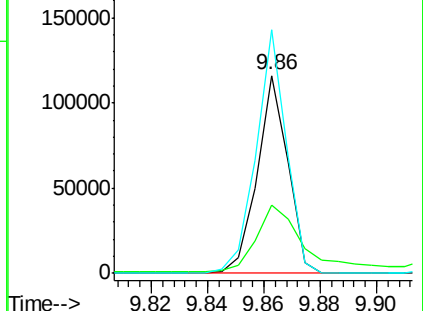
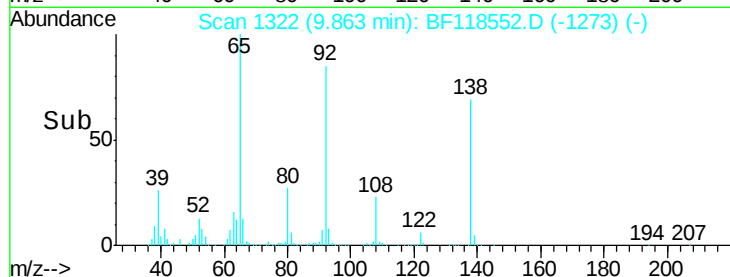
92 123.0 94.2 141.2



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: 3.479 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

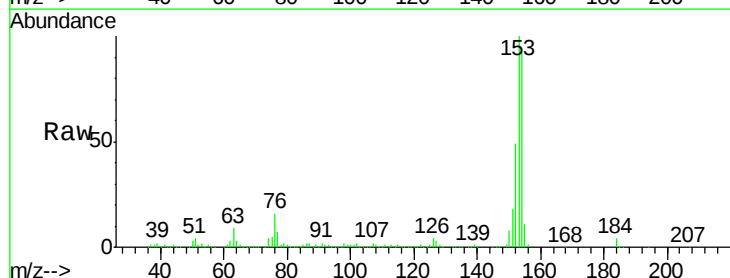
Tgt Ion:184 Resp: 17528

Ion Ratio Lower Upper

184 100

63 248.3 69.4 104.0#

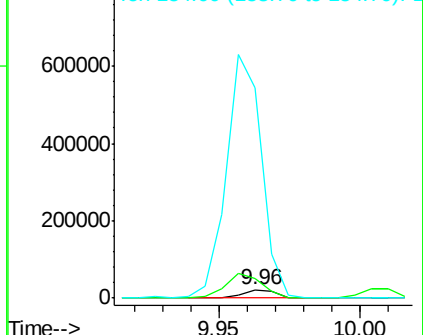
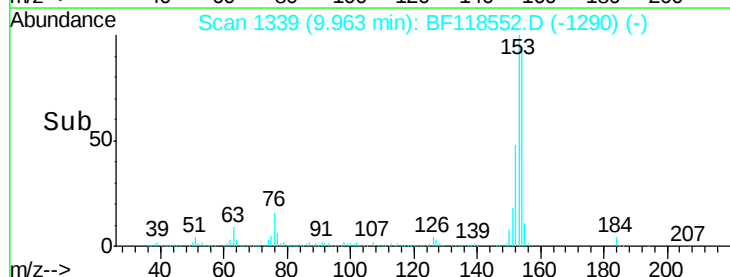
154 2593.7 268.5 402.7#

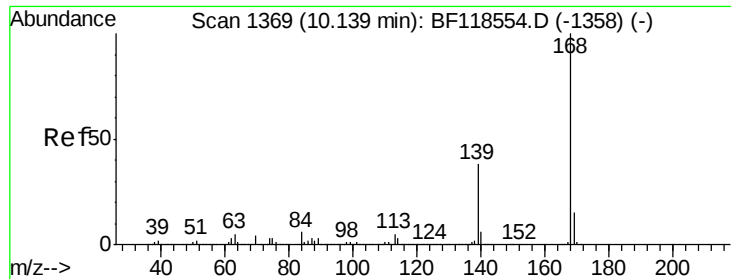


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

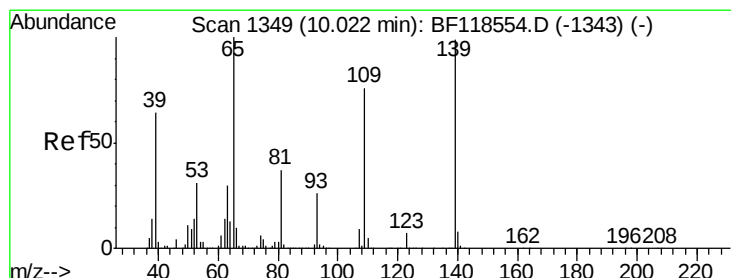
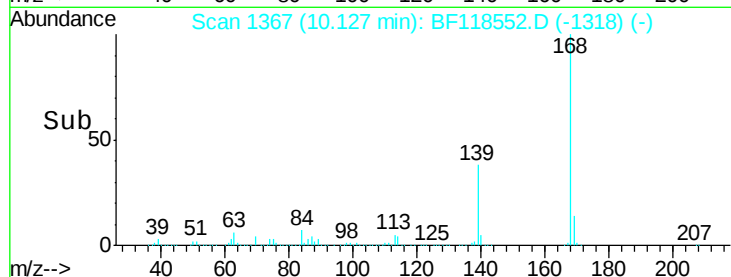
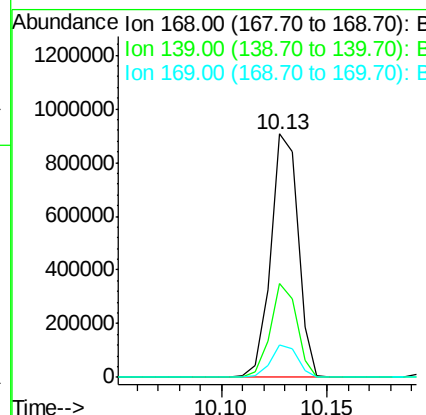
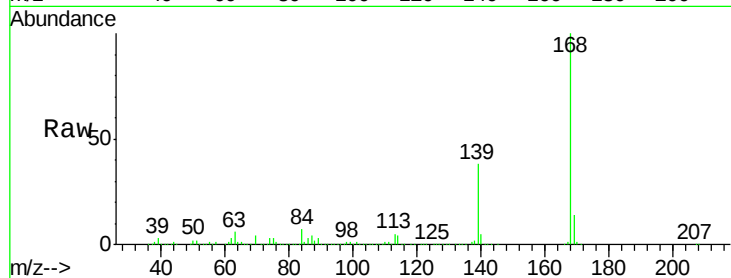




#55
Dibenzofuran
Concen: 11.888 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

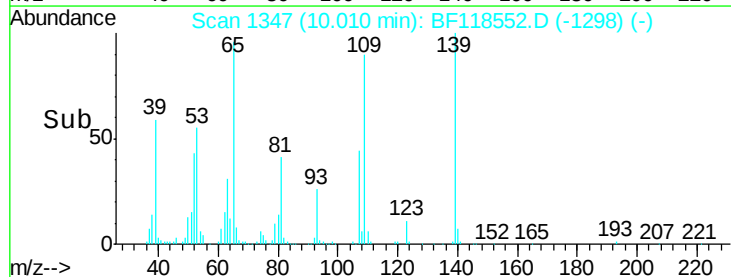
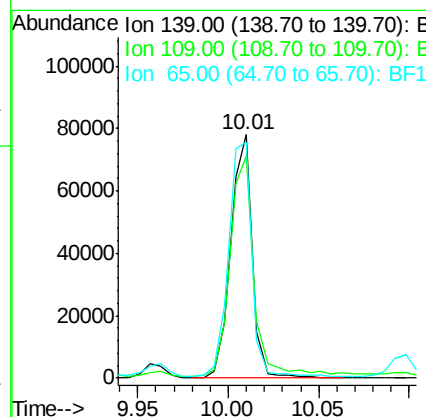
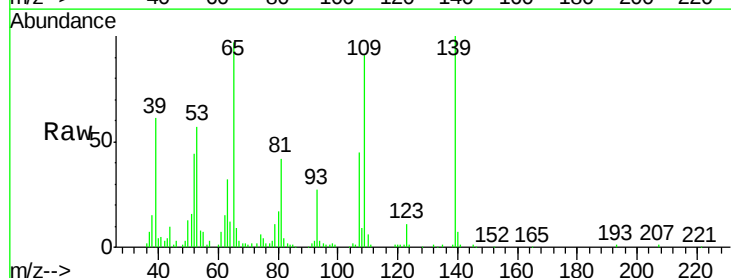
Instrument :
BNA_F
ClientSampleId :

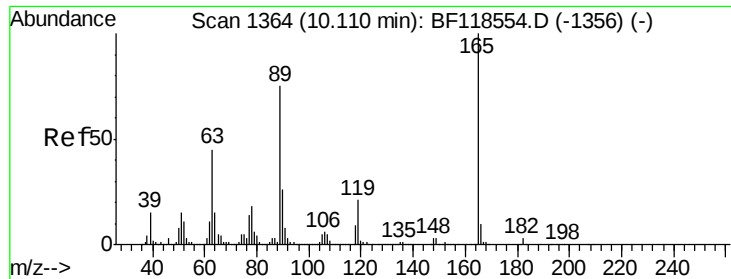
Tot Ion:168 Resp: 817887
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.5 11.9 17.9



#56
4-Nitrophenol
Concen: 8.968 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:139 Resp: 64146
Ion Ratio Lower Upper
139 100
109 91.0 56.9 96.9
65 96.9 81.7 121.7

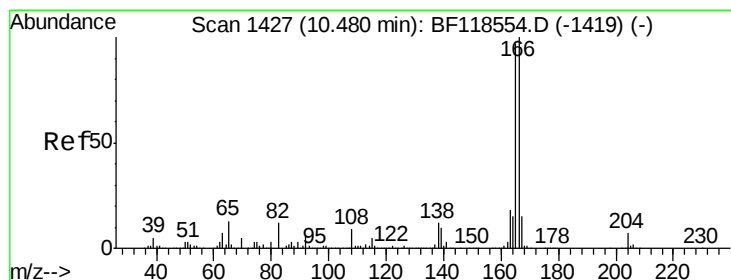
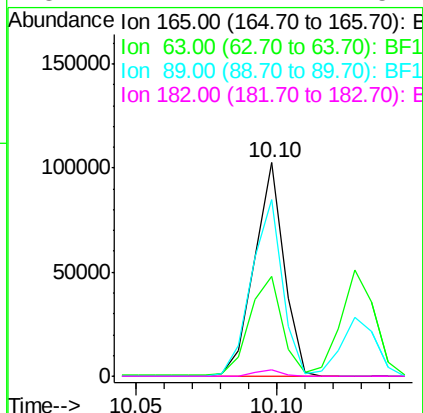
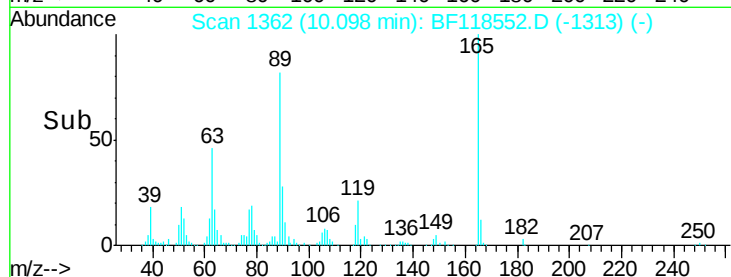
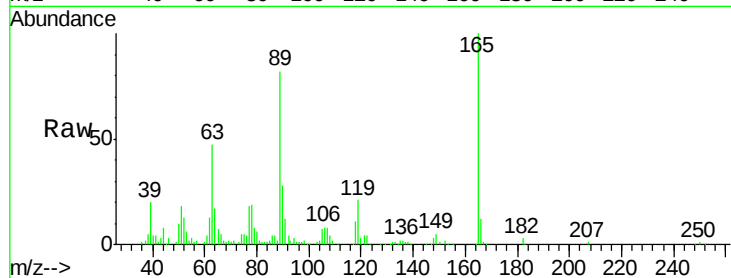




#57
2,4-Dinitrotoluene
Concen: 4.363 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

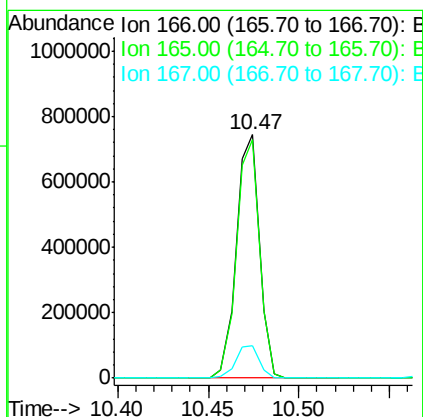
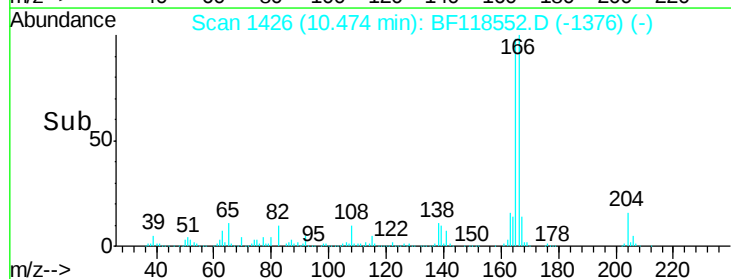
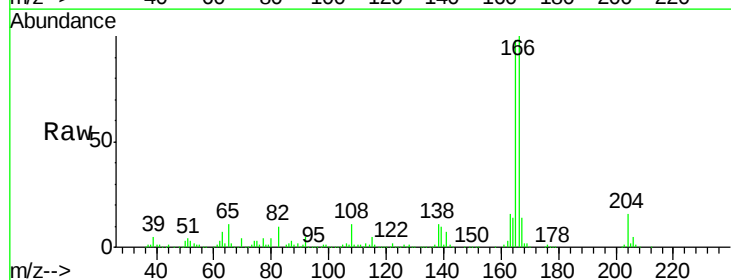
Instrument :
BNA_F
ClientSampleId :

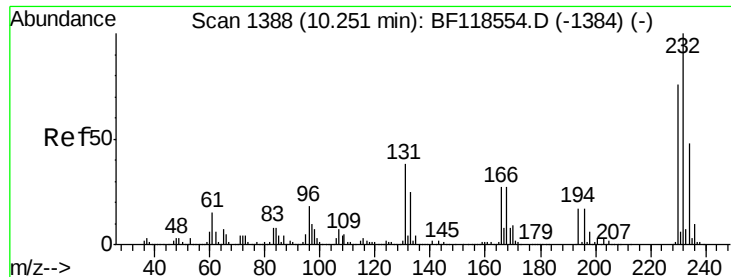
Tot Ion:165 Resp: 75236
Ion Ratio Lower Upper
165 100
63 46.6 35.8 53.6
89 82.5 59.9 89.9
182 2.7 2.2 3.2



#58
Fluorene
Concen: 11.809 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:166 Resp: 659988
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.5 11.7 17.5





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.674 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 143897

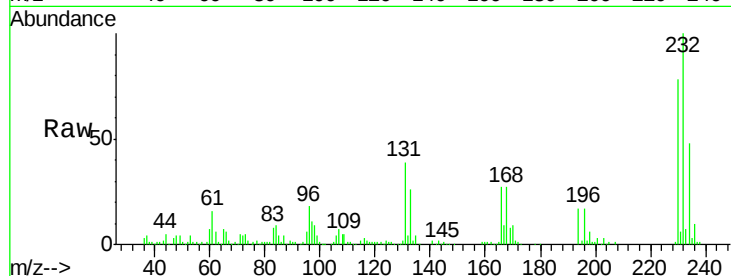
Ion Ratio Lower Upper

232 100

131 42.6 32.3 48.5

130 2.4 1.7 2.5

166 29.6 22.2 33.2

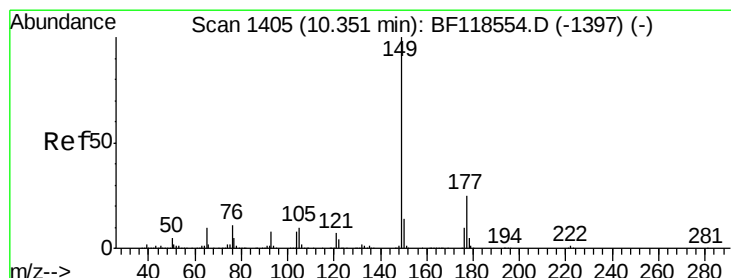
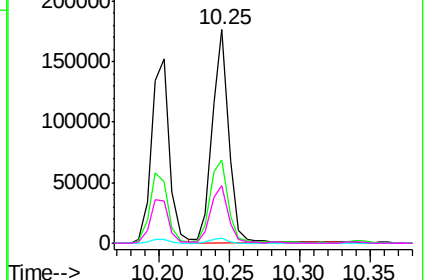
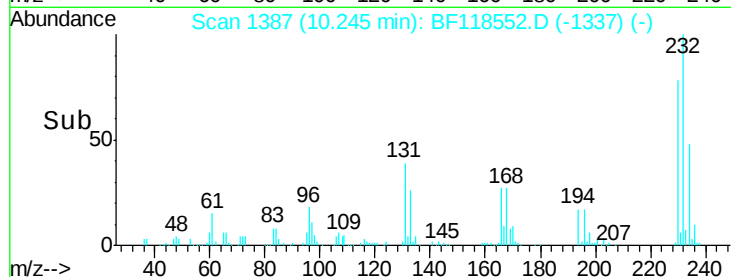


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 10.959 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

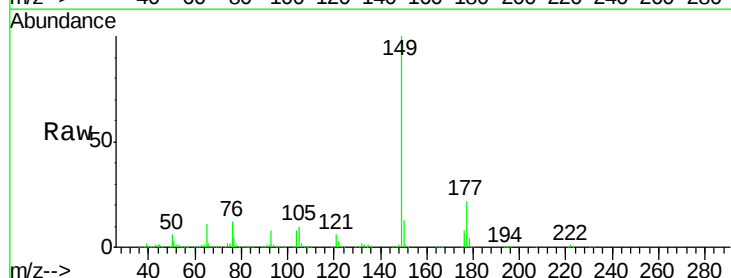
Tgt Ion:149 Resp: 670038

Ion Ratio Lower Upper

149 100

177 21.7 20.2 30.4

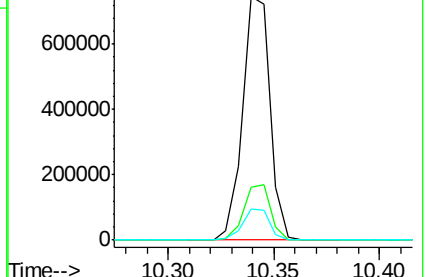
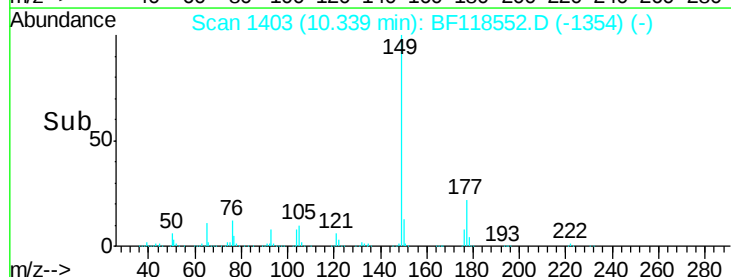
150 12.9 11.0 16.4

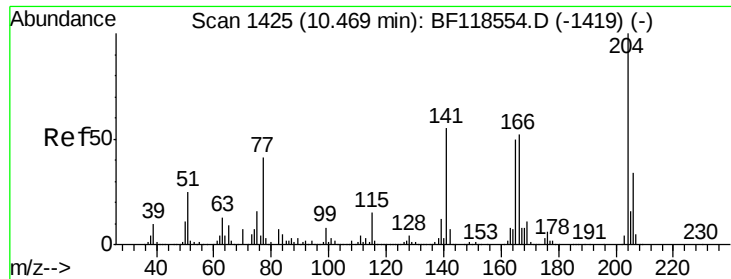


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

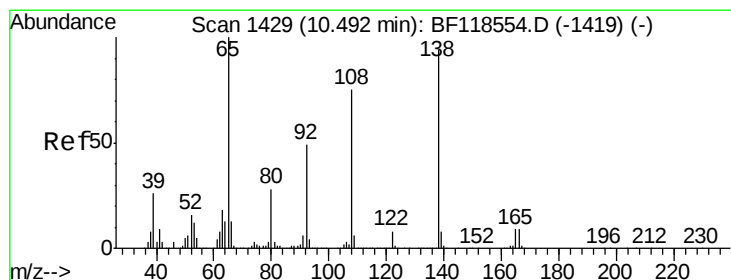
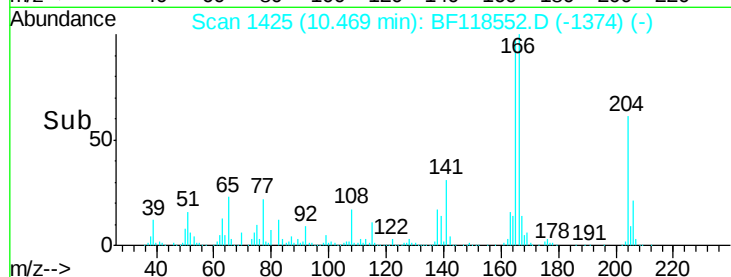
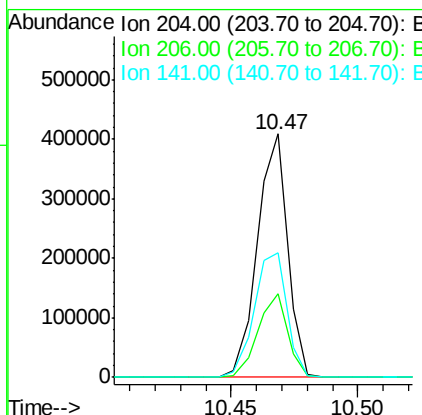
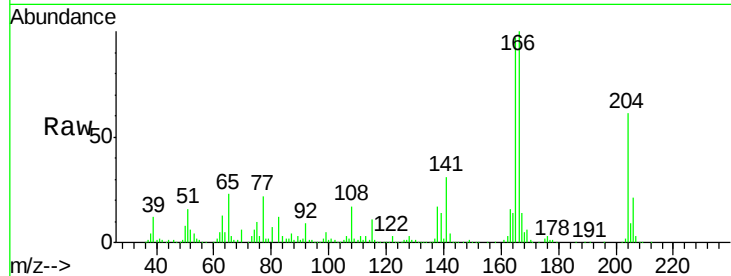




#61
 4-Chlorophenyl-phenylether
 Concen: 12.125 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

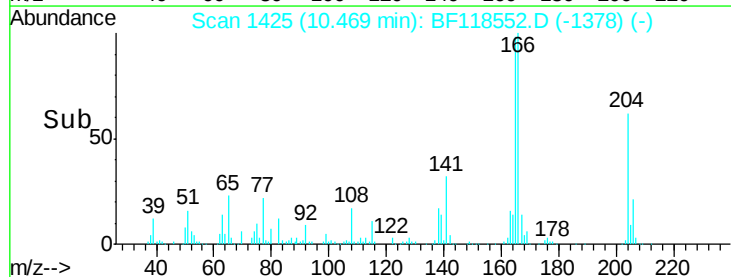
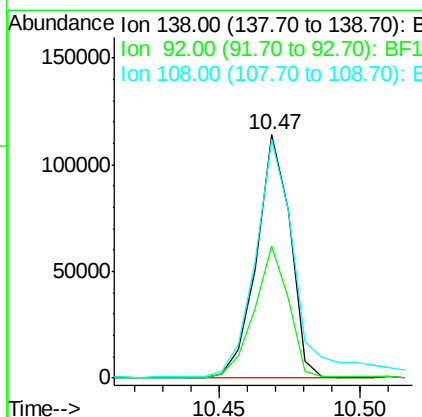
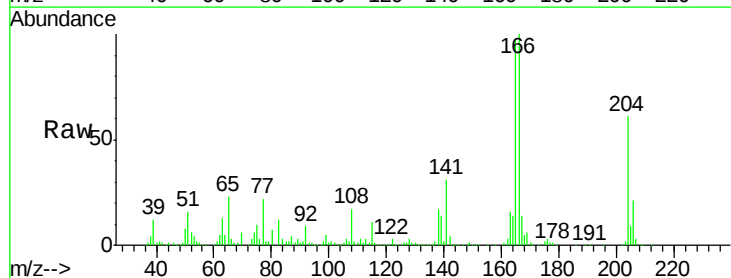
Instrument :
 BNA_F
 ClientSampled :

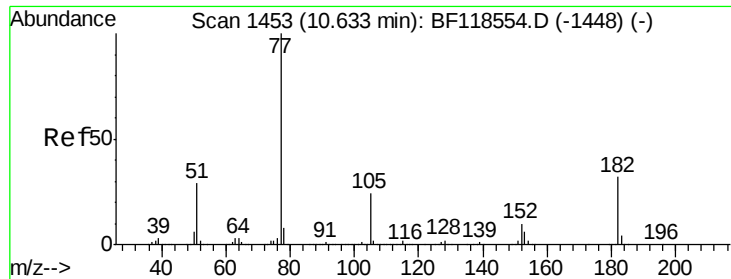
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.1	40.7
141	51.1	44.4	66.6



#62
 4-Nitroaniline
 Concen: 6.117 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	31.7	71.7
108	98.0	59.6	99.6

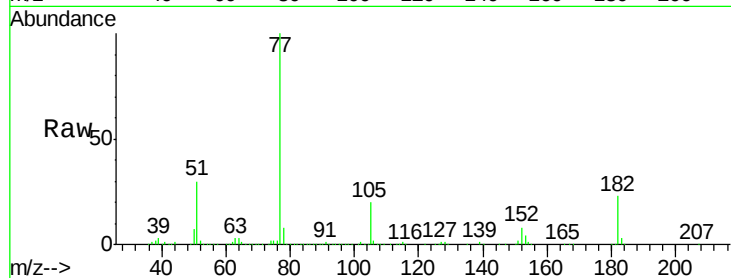




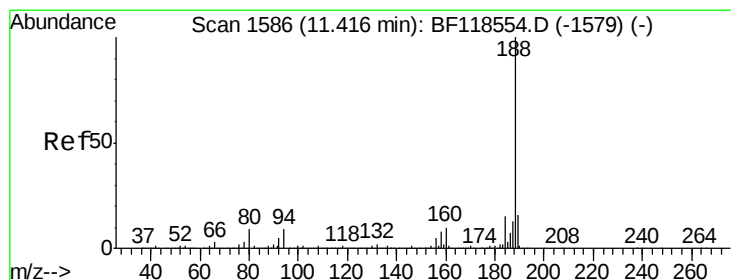
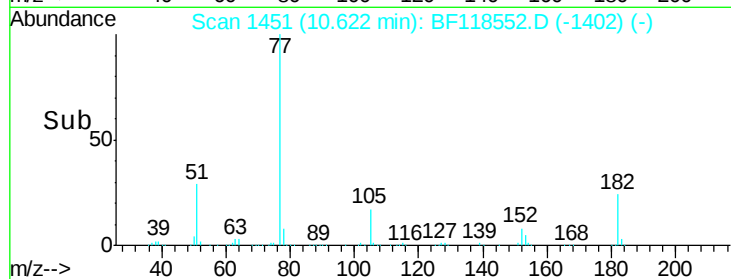
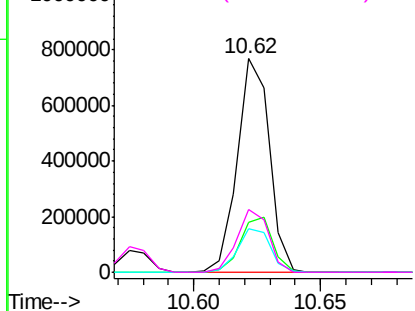
#63
Azobenzene
Concen: 13.241 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	670548
Ion	Ratio	Lower	Upper
77	100		
182	23.1	11.7	51.7
105	20.3	3.6	43.6
51	29.5	9.0	49.0

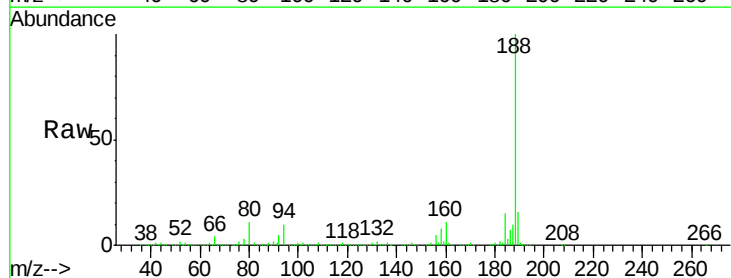


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

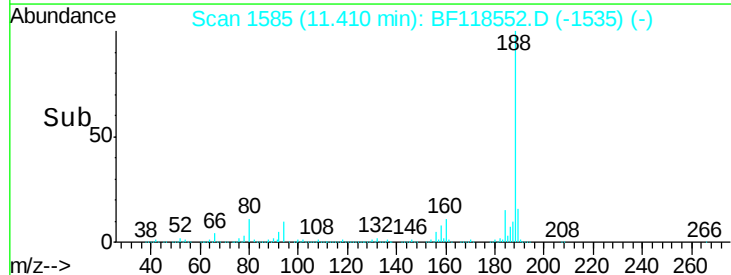
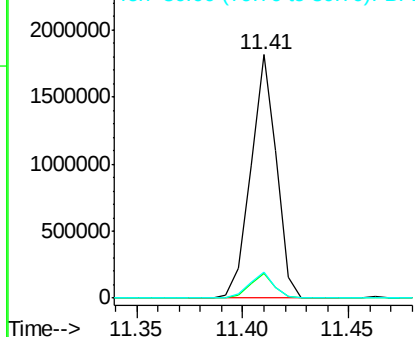


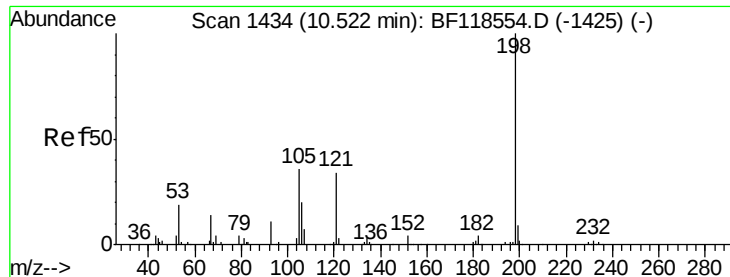
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:	188	Resp:	1524786
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.4
80	10.7	7.4	11.2



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: 3.033 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

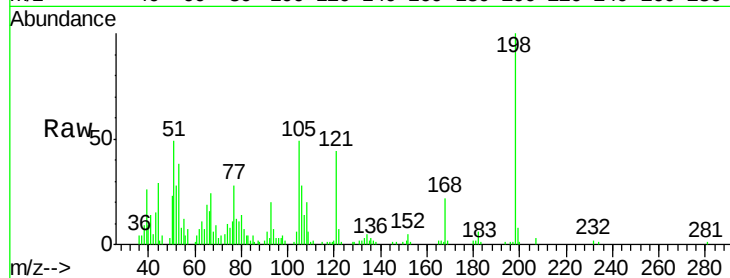
Tot Ion:198 Resp: 24400

Ion Ratio Lower Upper

198 100

51 48.9 13.2 53.2

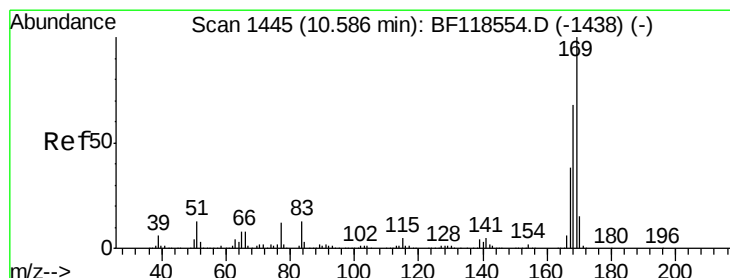
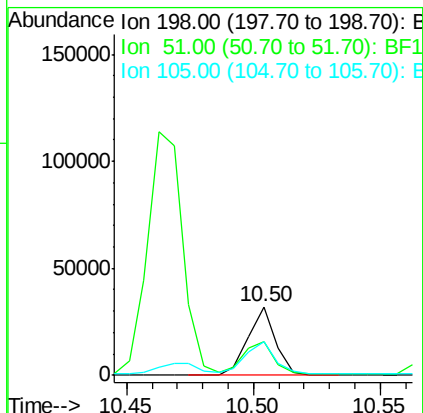
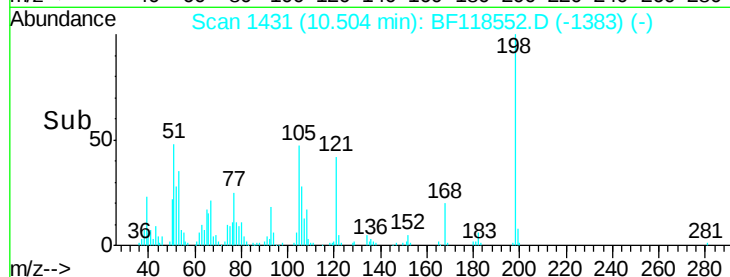
105 48.6 17.2 57.2



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: 11.313 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

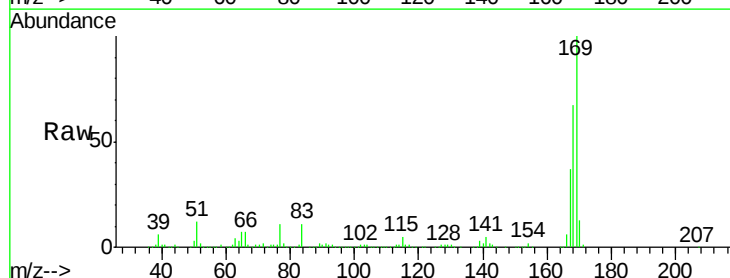
Tgt Ion:169 Resp: 566350

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.4

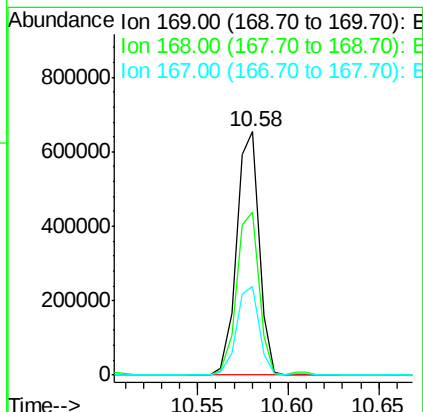
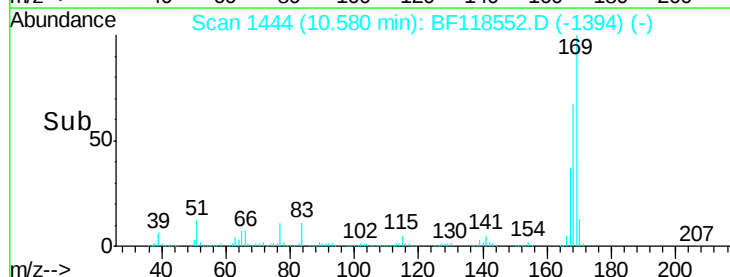
167 36.7 30.5 45.7

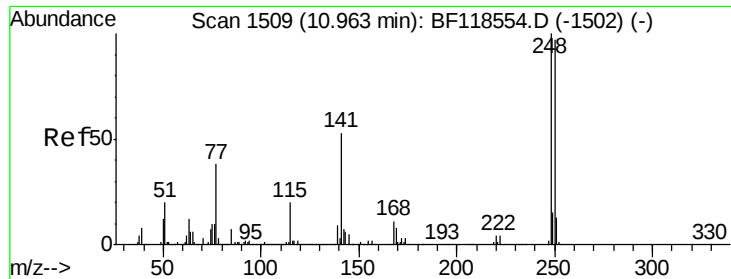


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

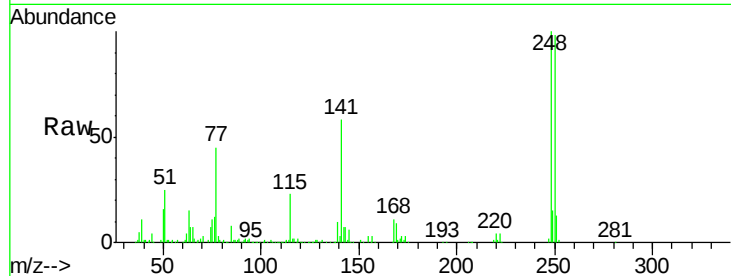




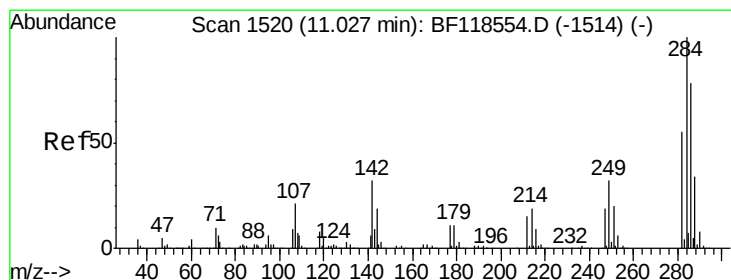
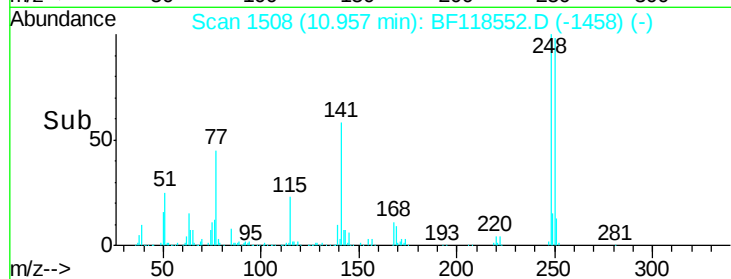
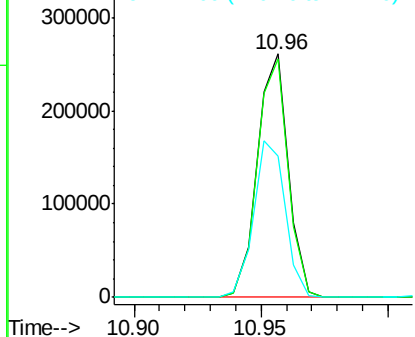
#67
4-Bromophenyl-phenylether
Concen: 12.005 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 220657
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 58.2 42.7 64.1

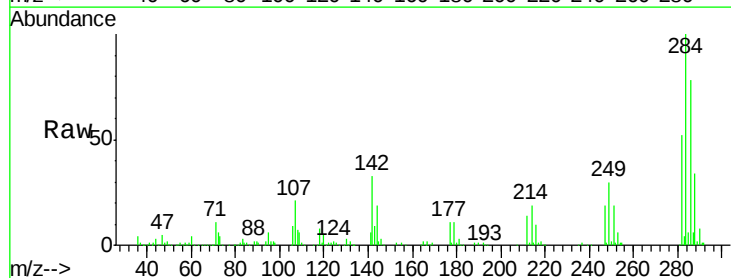


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

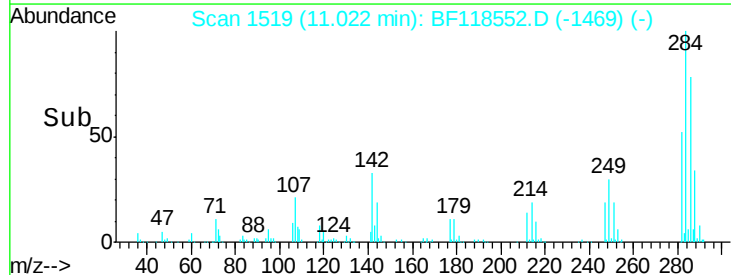
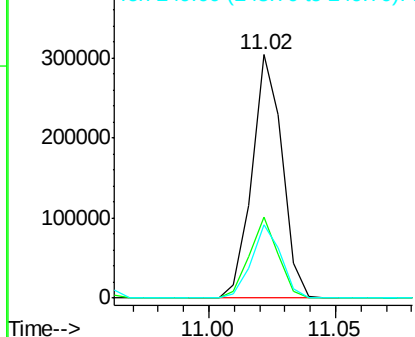


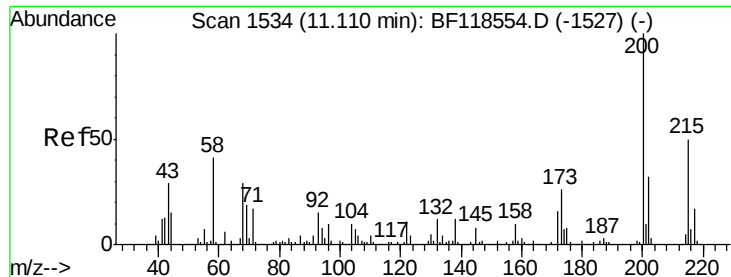
#68
Hexachlorobenzene
Concen: 11.518 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:284 Resp: 251022
Ion Ratio Lower Upper
284 100
142 33.5 25.6 38.4
249 29.9 25.6 38.4



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

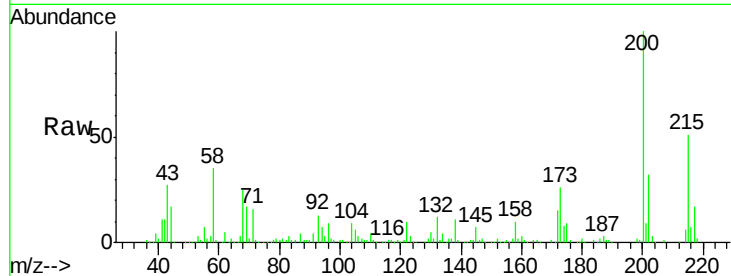




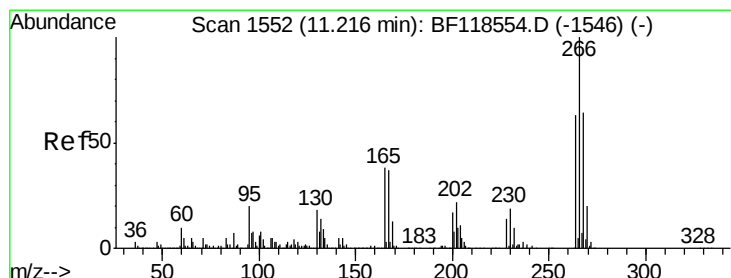
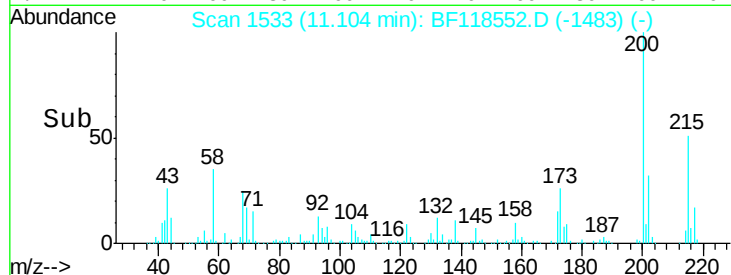
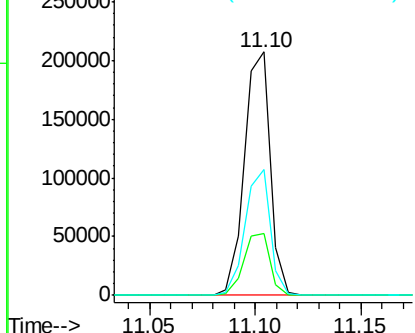
#69
Atrazine
Concen: 14.659 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 175986
Ion Ratio Lower Upper
200 100
173 25.5 5.8 45.8
215 51.4 29.8 69.8

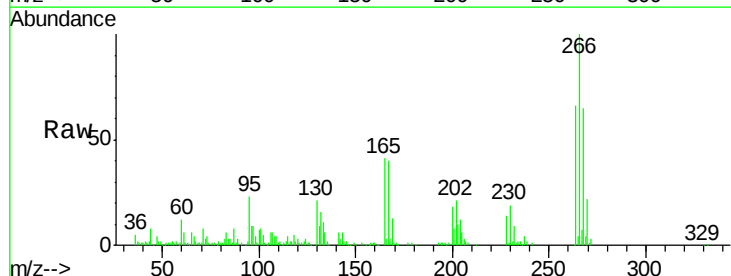


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

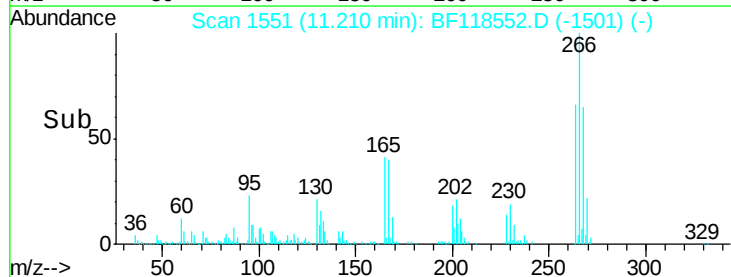
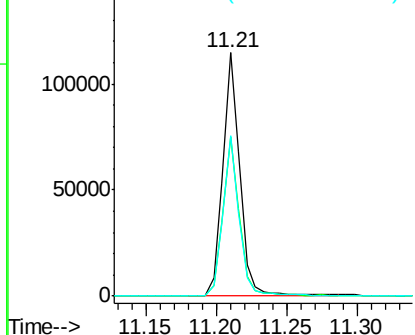


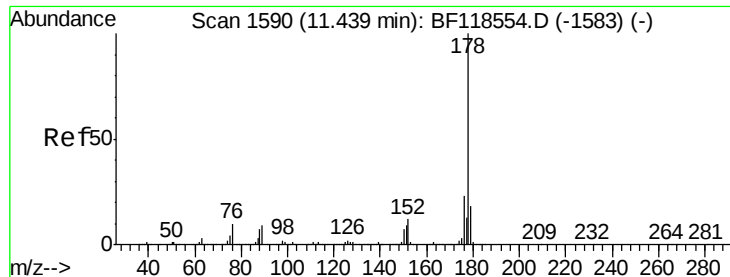
#70
Pentachlorophenol
Concen: 16.048 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:266 Resp: 96523
Ion Ratio Lower Upper
266 100
268 65.1 51.0 76.4
264 65.7 50.5 75.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.946 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

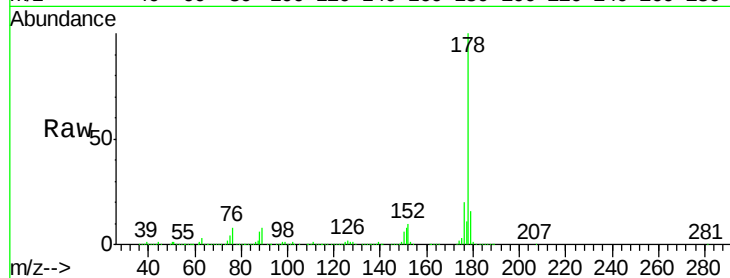
Tot Ion:178 Resp: 980582

Ion Ratio Lower Upper

178 100

176 20.0 18.6 28.0

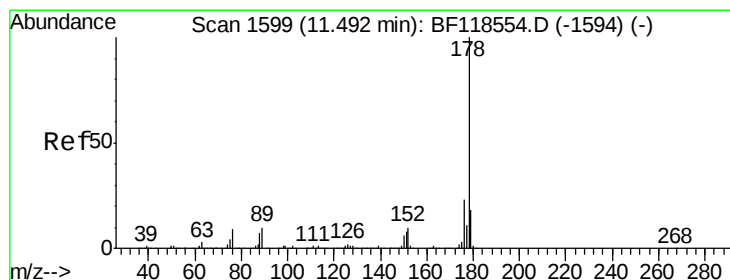
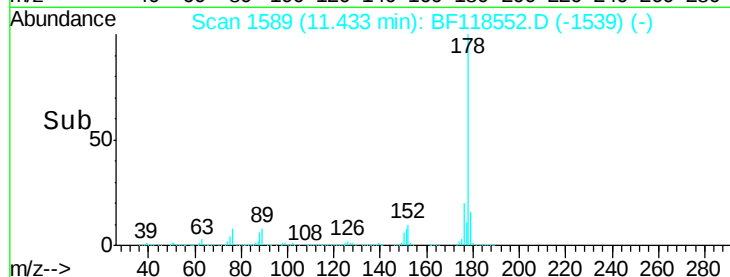
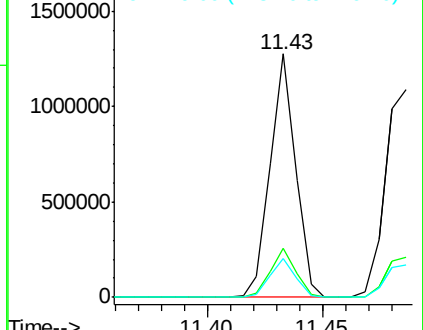
179 15.8 14.6 22.0



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: 11.997 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

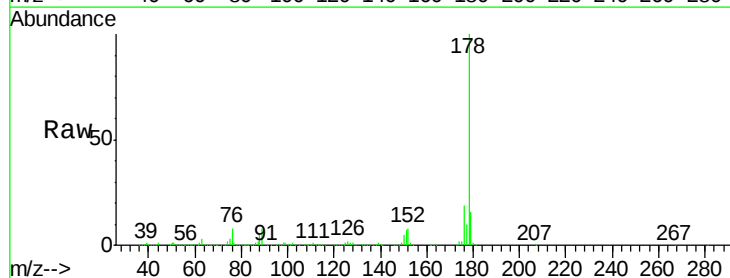
Tgt Ion:178 Resp: 981428

Ion Ratio Lower Upper

178 100

176 19.2 18.1 27.1

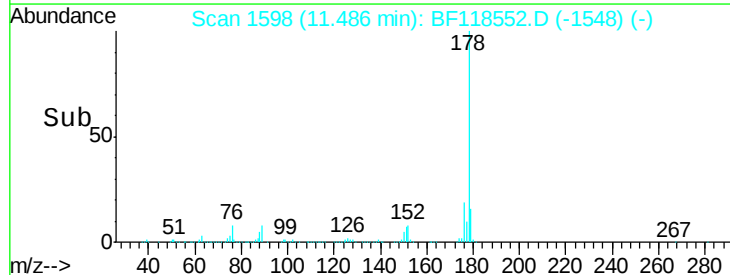
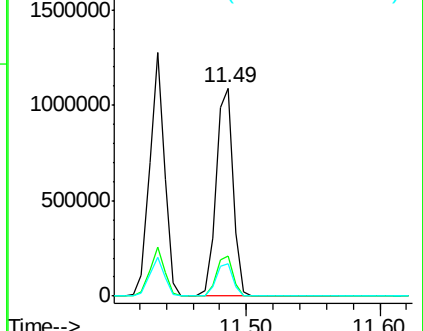
179 15.7 14.7 22.1

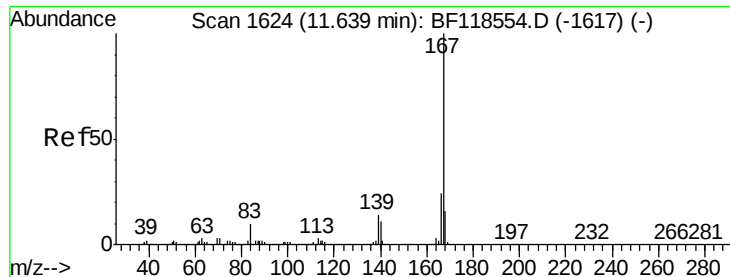


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

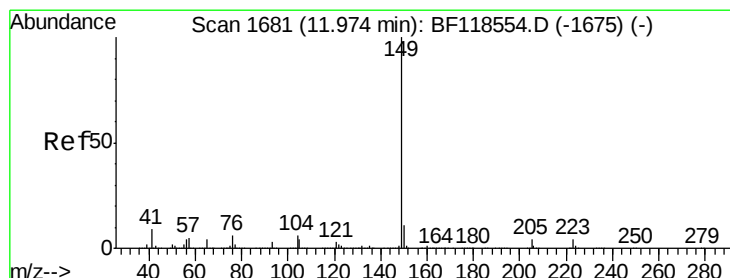
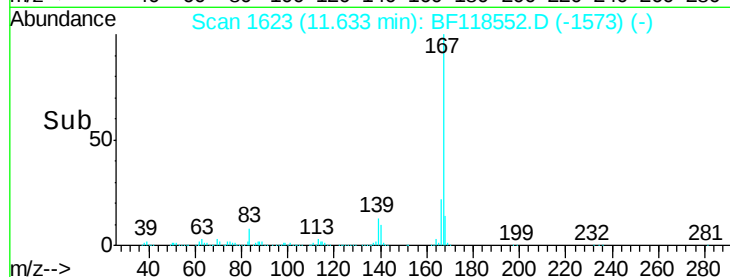
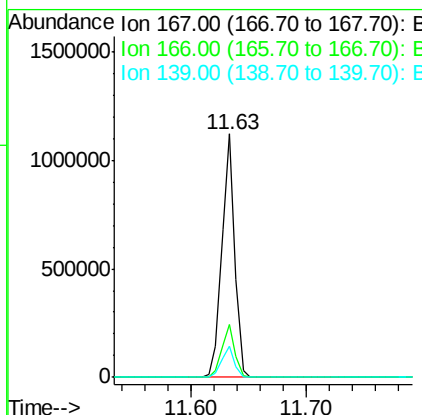
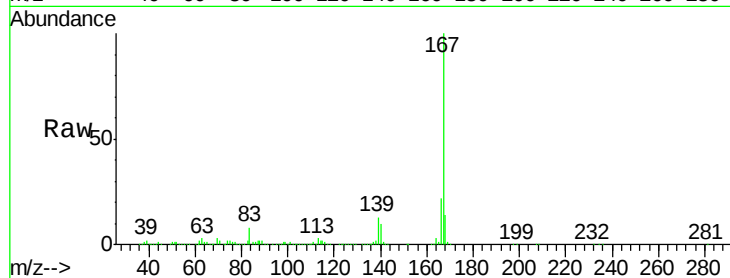




#73
 Carbazole
 Concen: 11.862 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

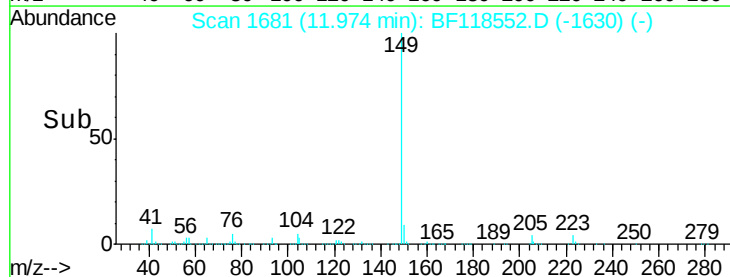
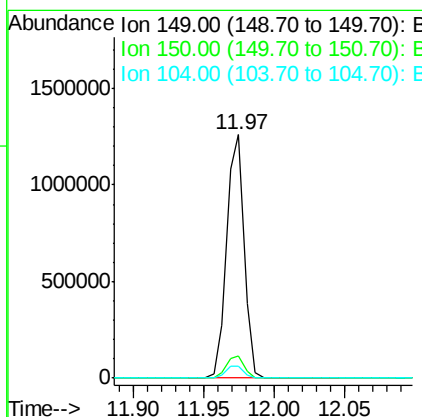
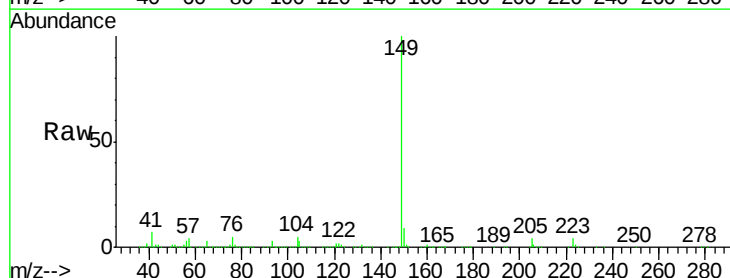
Instrument :
 BNA_F
 ClientSampleId :

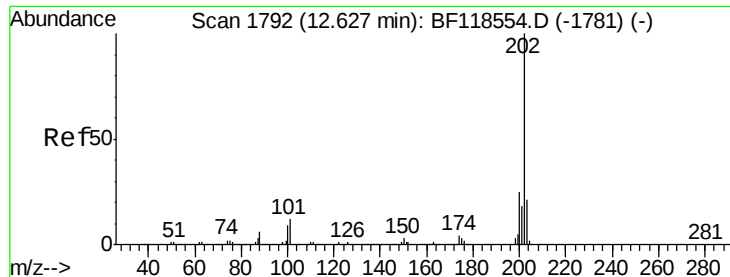
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.5	29.3
139	12.7	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 11.444 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118552.D
 Acq: 17 Jan 2020 10:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	9.0	13.6
104	4.9	5.0	7.4





#75

Fluoranthene

Concen: 12.753 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

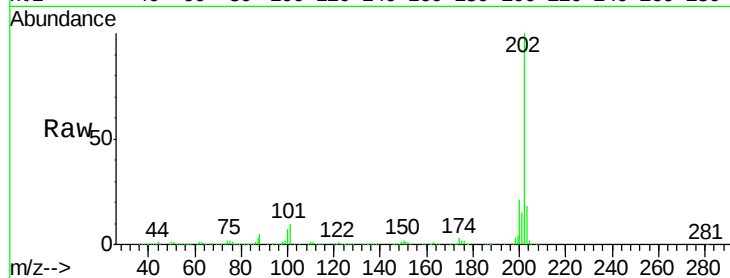
Tot Ion:202 Resp: 1045716

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.9

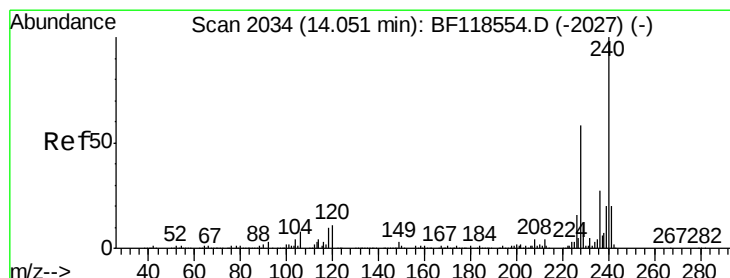
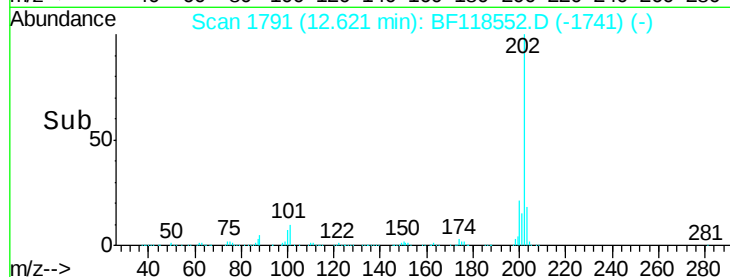
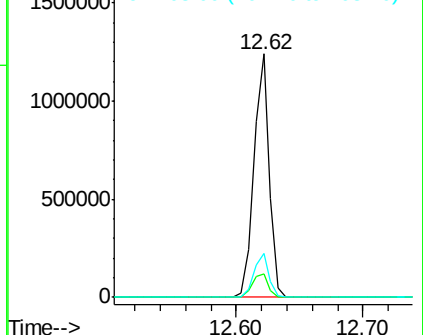
203 18.0 0.9 40.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

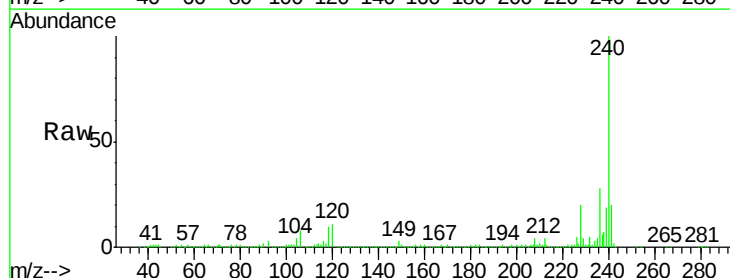
Tgt Ion:240 Resp: 1249213

Ion Ratio Lower Upper

240 100

120 11.1 8.7 13.1

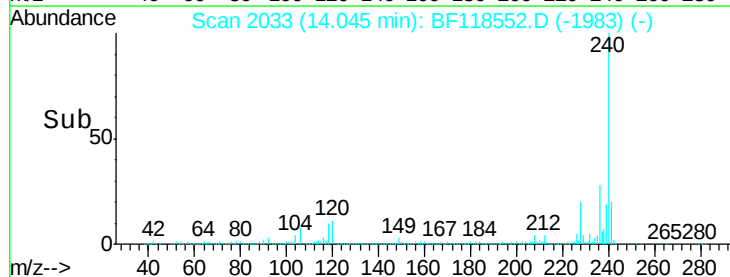
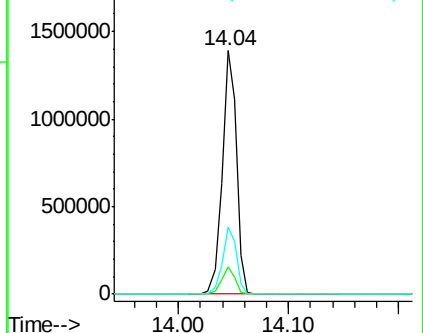
236 27.6 21.8 32.8

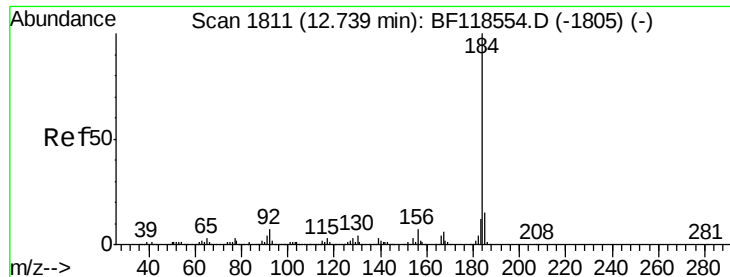


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

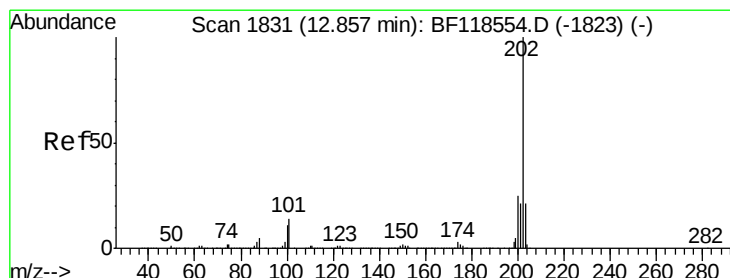
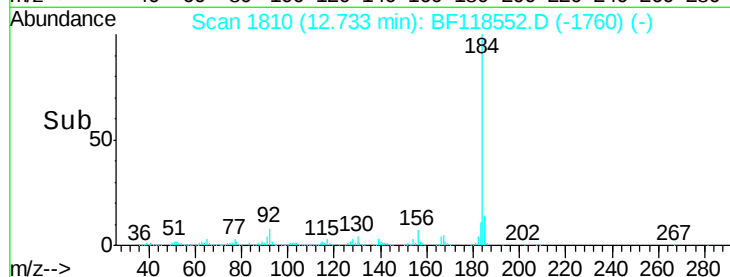
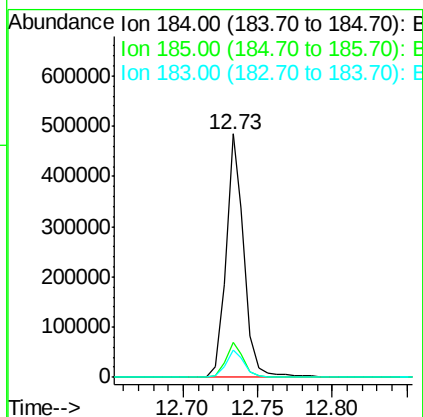
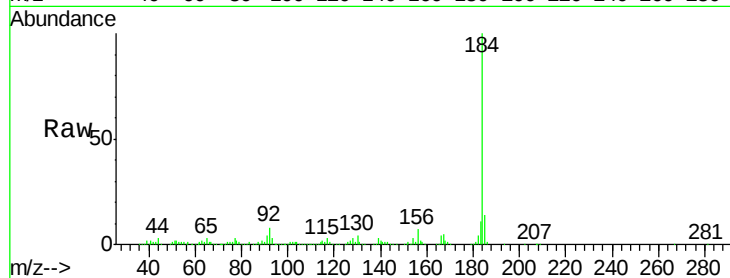




#77
Benzidine
Concen: 14.737 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

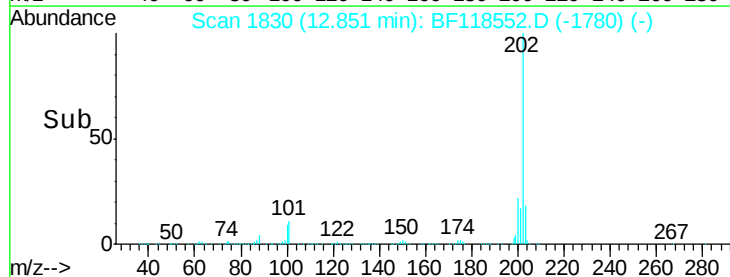
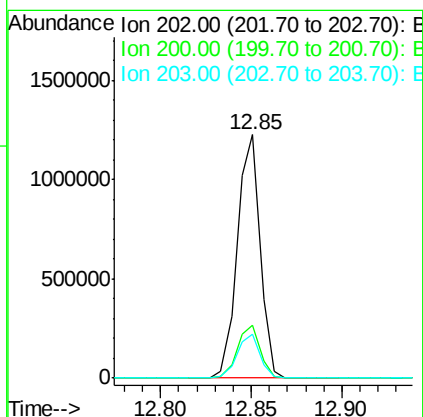
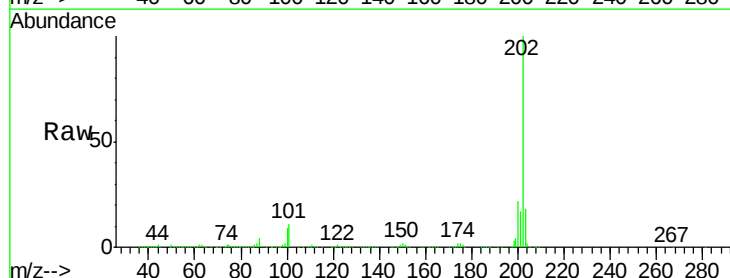
Instrument :
BNA_F
ClientSampleId :

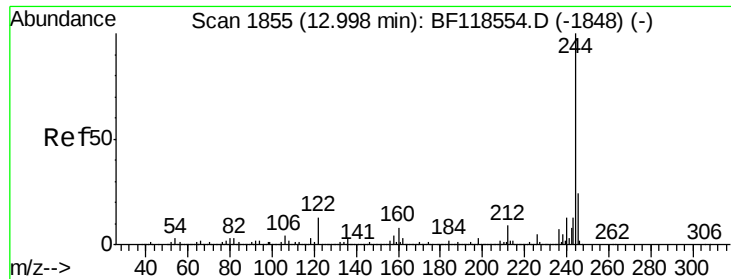
Tot Ion:184 Resp: 410895
Ion Ratio Lower Upper
184 100
185 14.4 12.3 18.5
183 11.3 9.5 14.3



#78
Pyrene
Concen: 10.152 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:202 Resp: 1071661
Ion Ratio Lower Upper
202 100
200 21.6 20.2 30.4
203 18.0 16.6 25.0





#79

Terphenyl-d14

Concen: 21.626 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

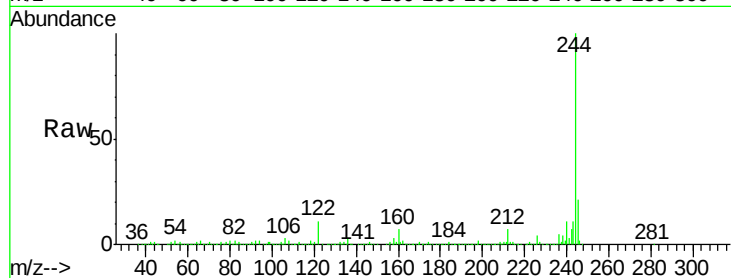
Tot Ion:244 Resp: 1630071

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

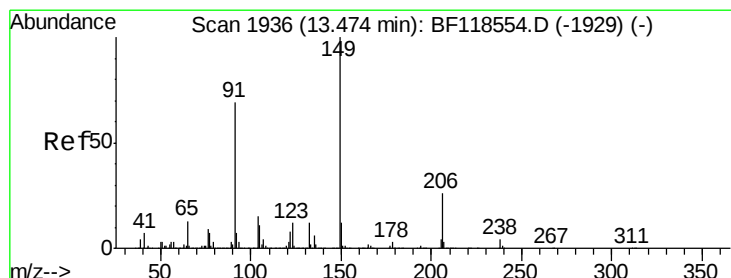
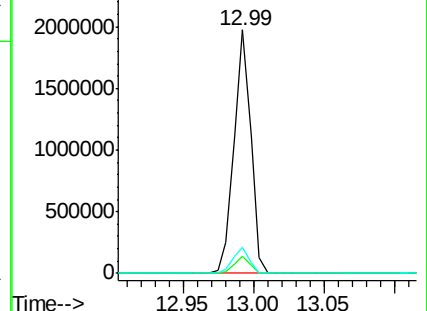
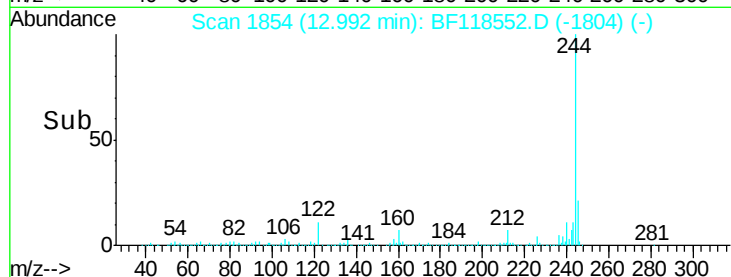
122 10.8 10.4 15.6



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: 8.390 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

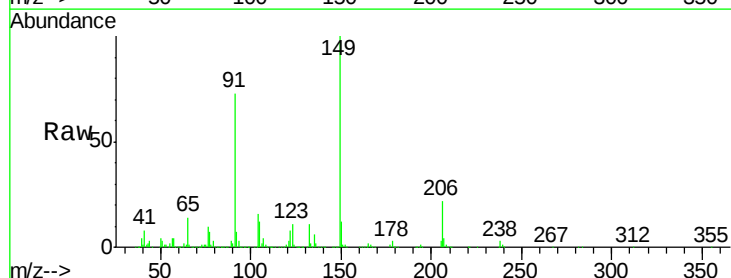
Tgt Ion:149 Resp: 396433

Ion Ratio Lower Upper

149 100

91 72.8 55.5 83.3

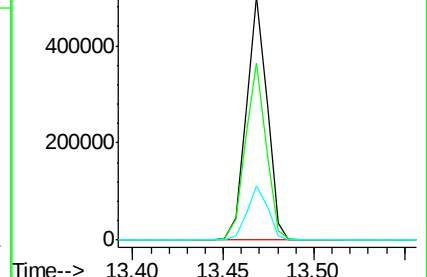
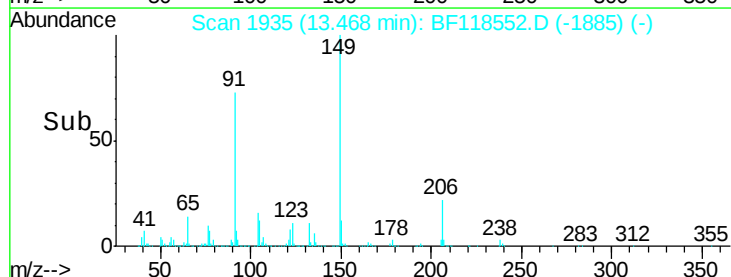
206 22.1 20.7 31.1

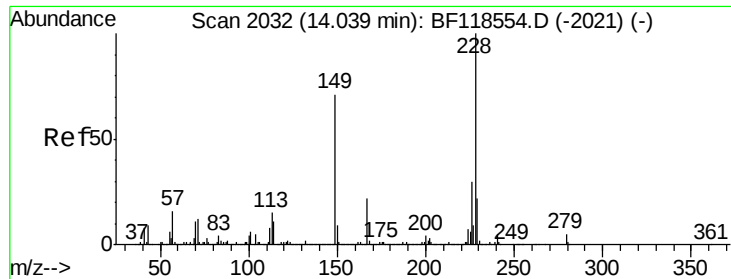


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

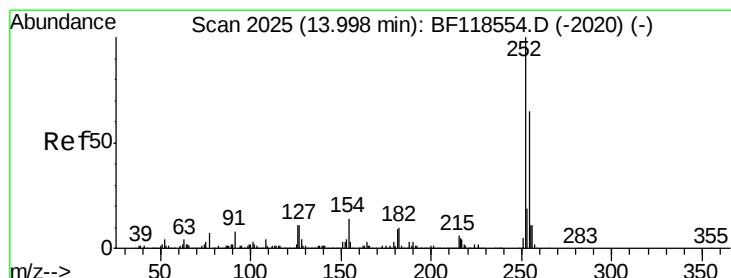
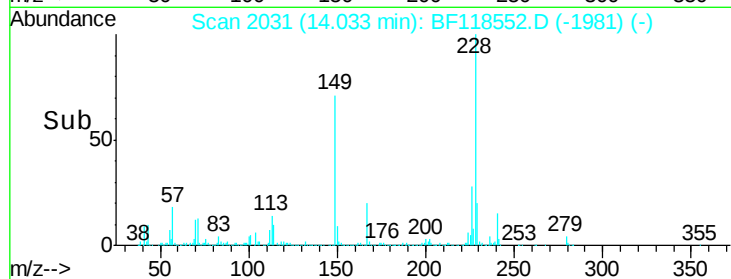
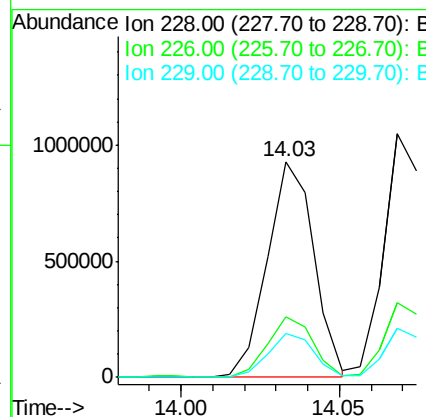
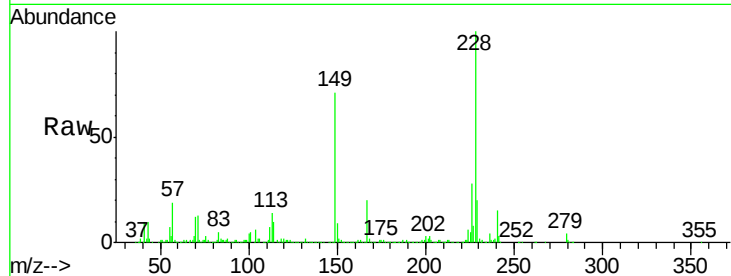




#81
Benzo(a)anthracene
Concen: 10.980 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

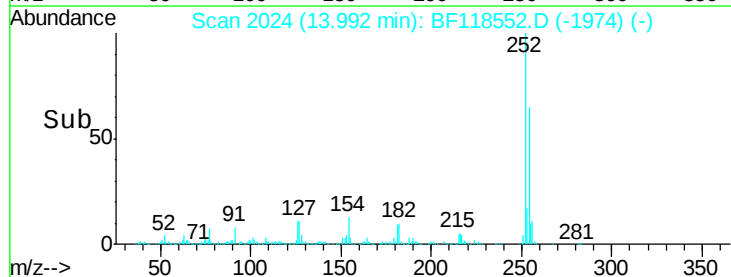
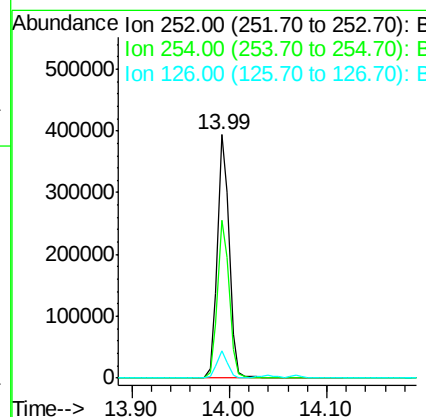
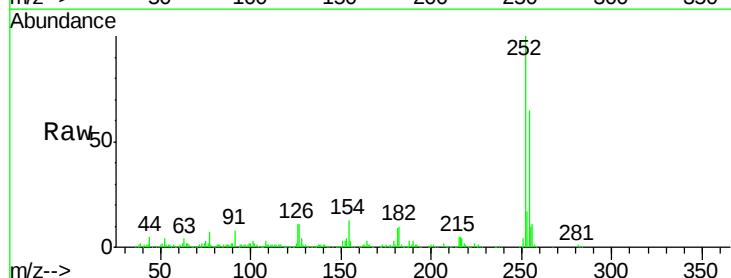
Instrument :
BNA_F
ClientSampled :

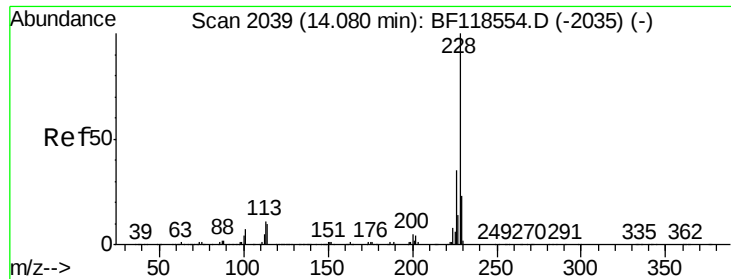
Tot Ion:228 Resp: 950743
Ion Ratio Lower Upper
228 100
226 28.2 23.7 35.5
229 20.2 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 11.319 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:252 Resp: 332791
Ion Ratio Lower Upper
252 100
254 64.7 52.0 78.0
126 11.2 9.1 13.7





#83

Chrvsene

Concen: 10.911 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

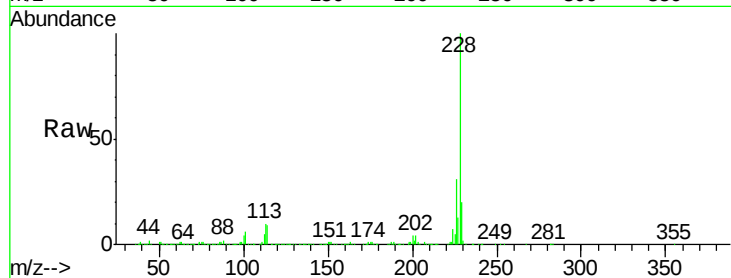
Tot Ion:228 Resp: 905593

Ion Ratio Lower Upper

228 100

226 30.6 28.2 42.2

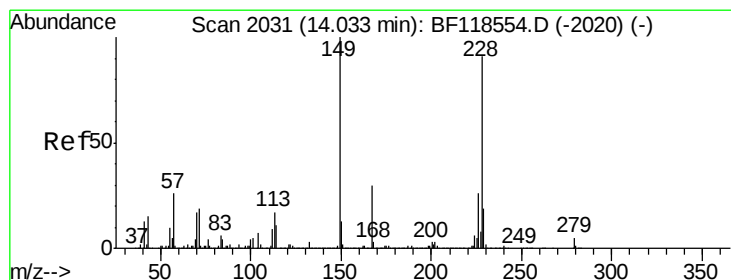
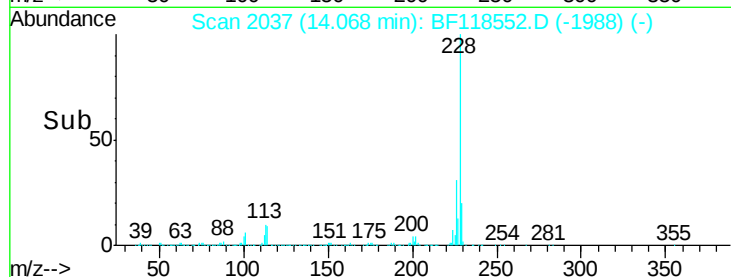
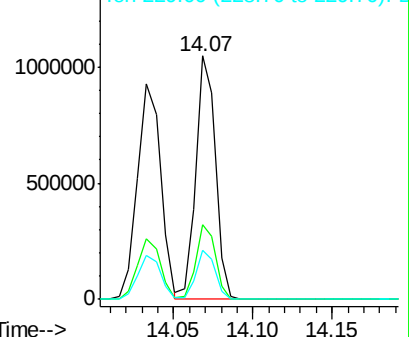
229 20.1 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.396 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

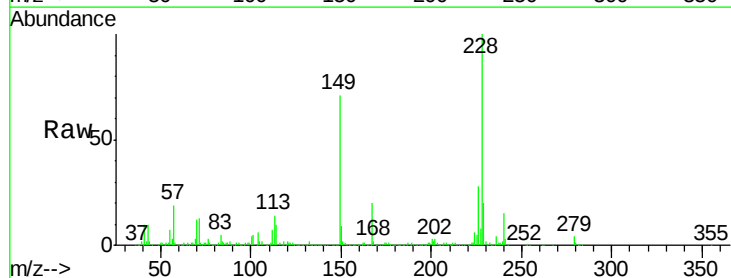
Tgt Ion:149 Resp: 530012

Ion Ratio Lower Upper

149 100

167 28.4 23.9 35.9

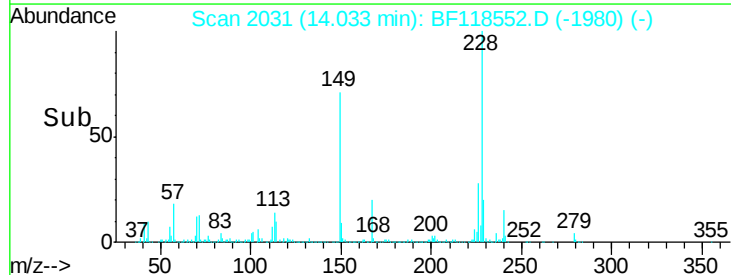
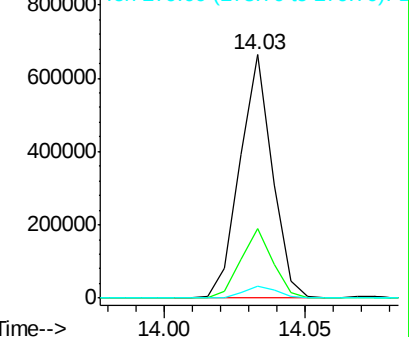
279 5.1 4.2 6.2

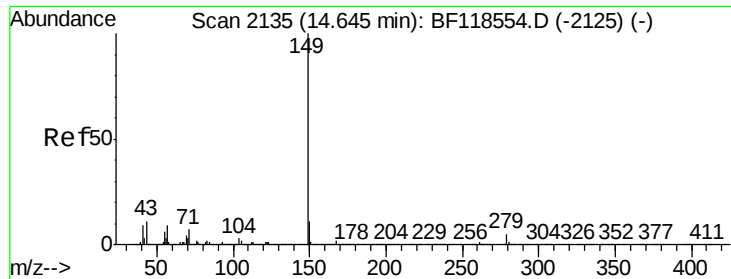


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.280 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Instrument :

BNA_F

ClientSampleId :

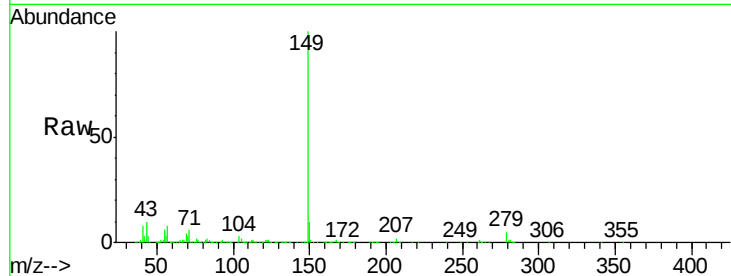
Tot Ion:149 Resp: 782065

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.2

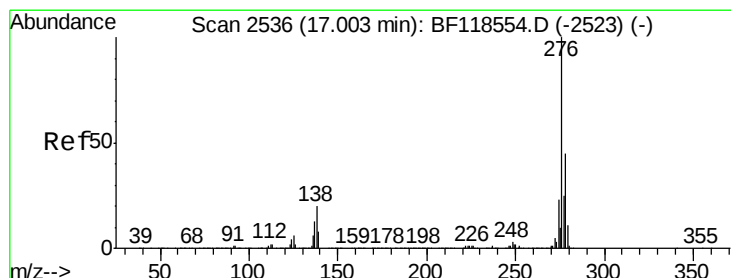
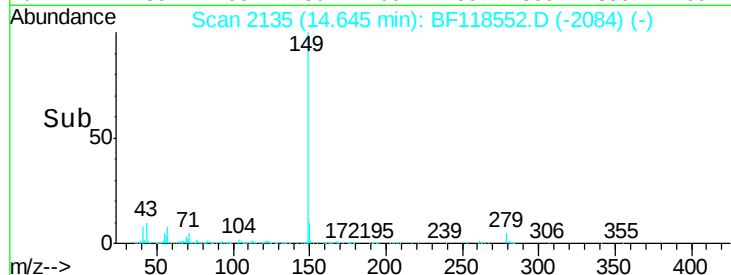
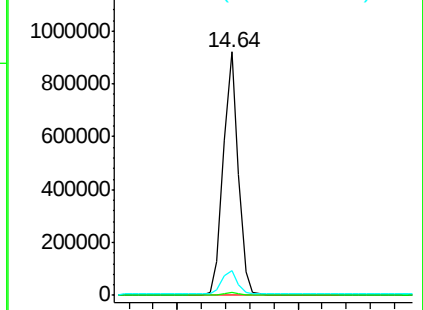
43 10.4 8.9 13.3



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: 9.031 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

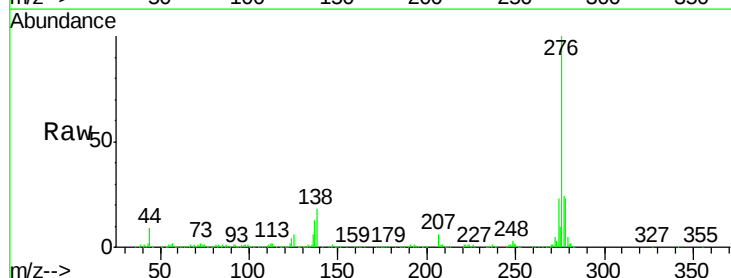
Tgt Ion:276 Resp: 704361

Ion Ratio Lower Upper

276 100

138 22.1 17.3 25.9

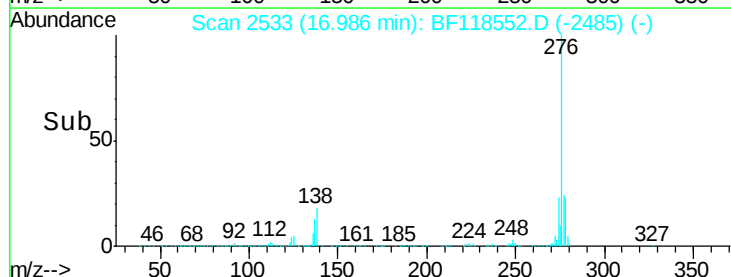
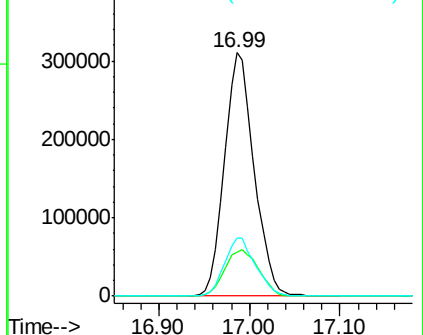
277 24.9 20.5 30.7

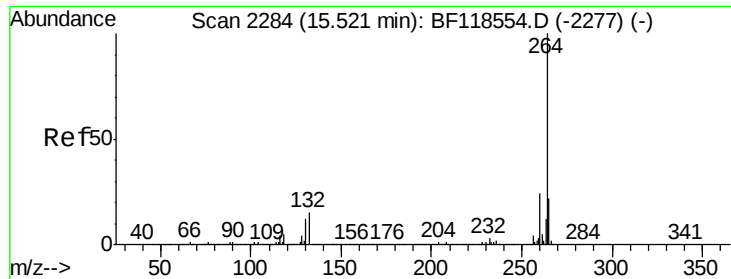


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



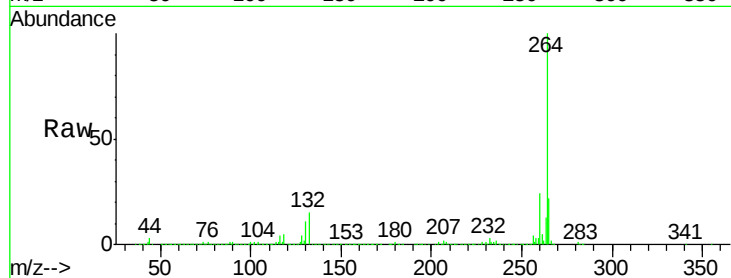


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

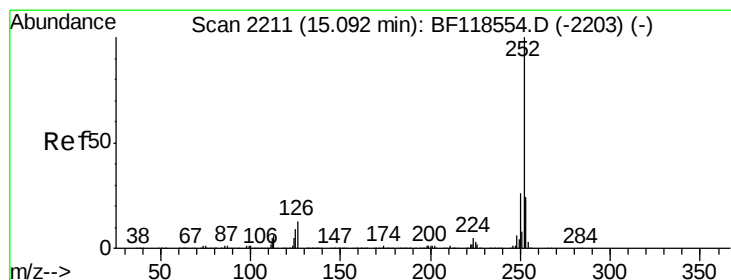
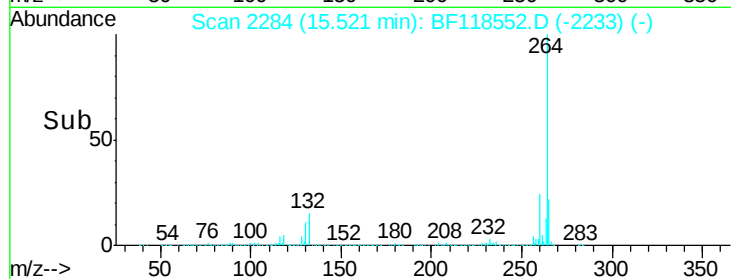
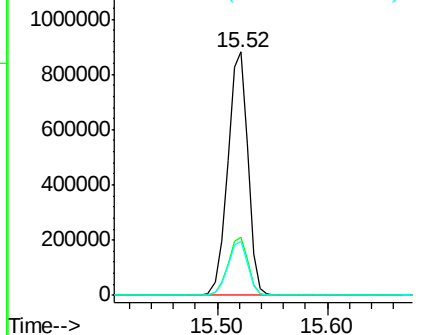
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1126687

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.0	17.6	26.4



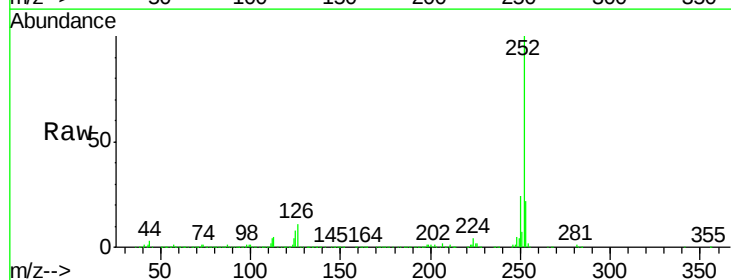
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



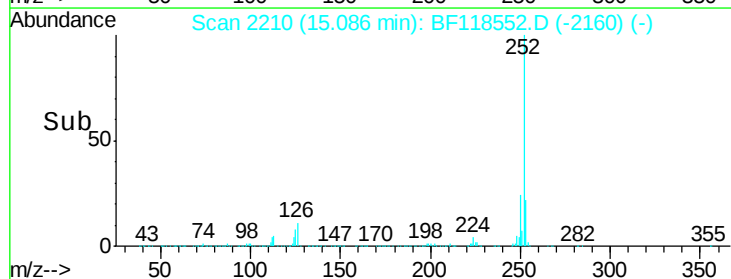
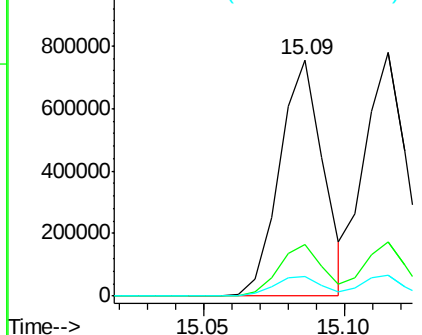
#88
Benzo(b)fluoranthene
Concen: 11.190 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

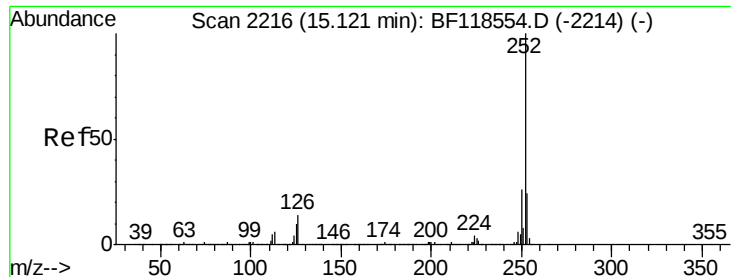
Tgt Ion:252 Resp: 808008

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.1	28.7
125	8.3	7.5	11.3



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

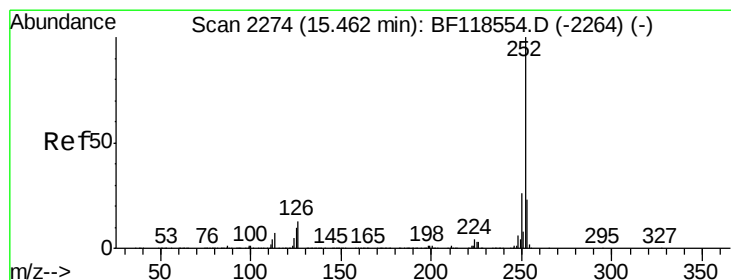
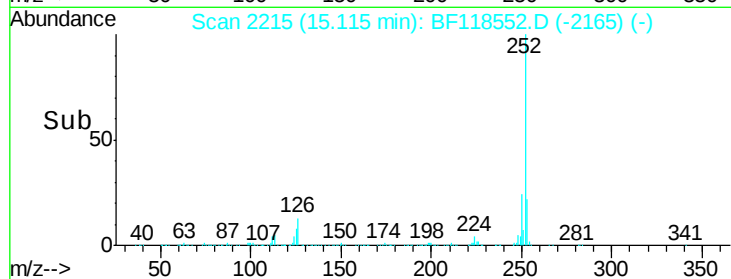
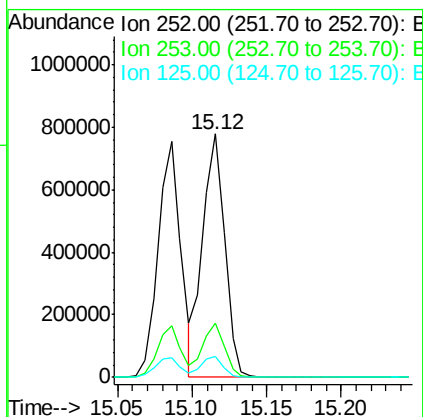
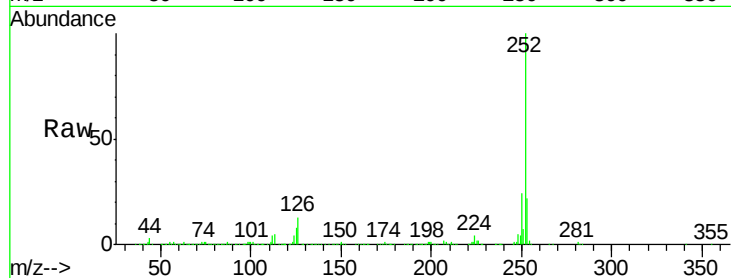




#89
Benzo(k)fluoranthene
Concen: 12.145 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

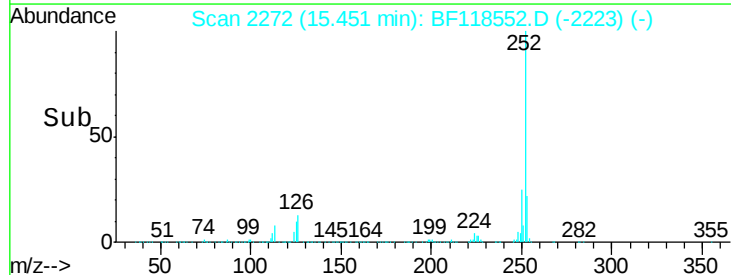
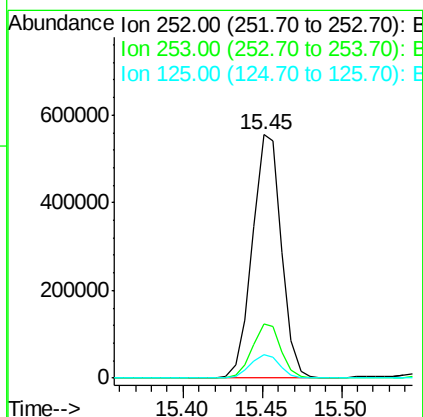
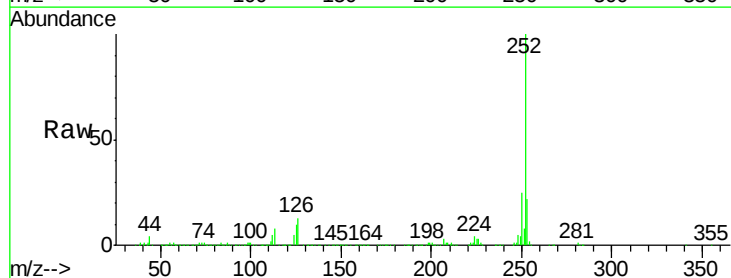
Instrument :
BNA_F
ClientSampleId :

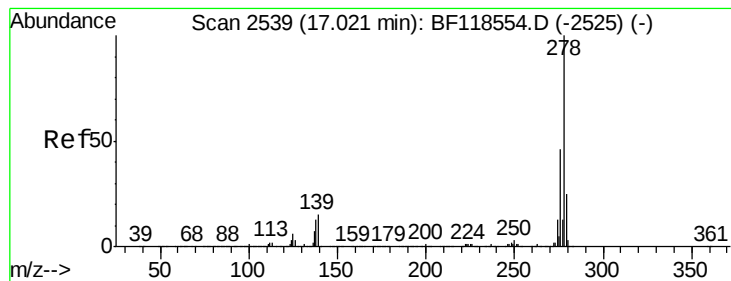
Tot Ion:252 Resp: 794374
Ion Ratio Lower Upper
252 100
253 22.3 19.0 28.4
125 8.4 7.8 11.8



#90
Benzo(a)pyrene
Concen: 11.026 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118552.D
Acq: 17 Jan 2020 10:39

Tgt Ion:252 Resp: 709505
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 9.8 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 10.058 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

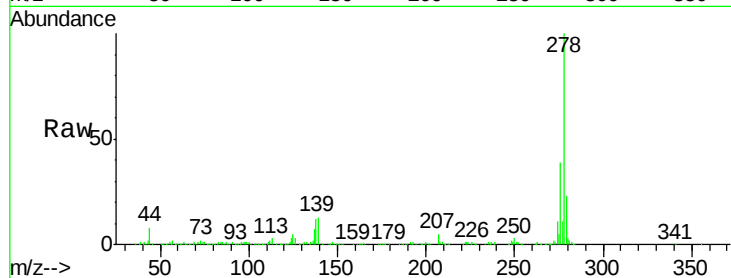
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 587659

Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	23.2	20.0	30.0

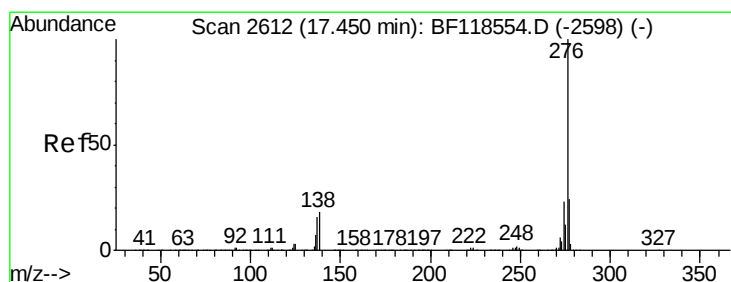
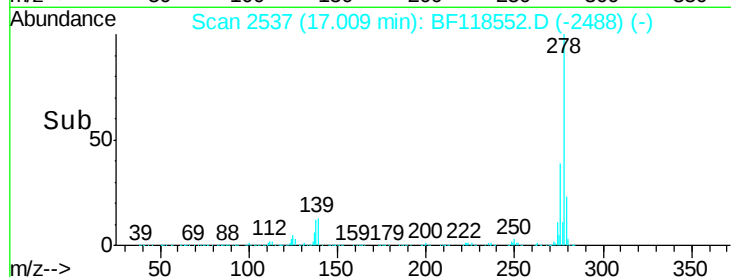
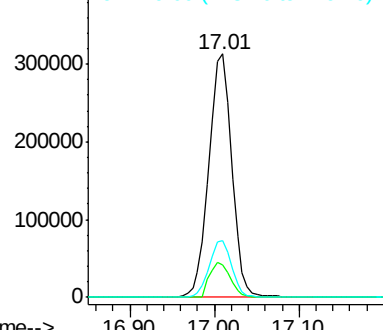


Abundance

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: 9.560 ng

RT: 17.43 min Scan# 2609

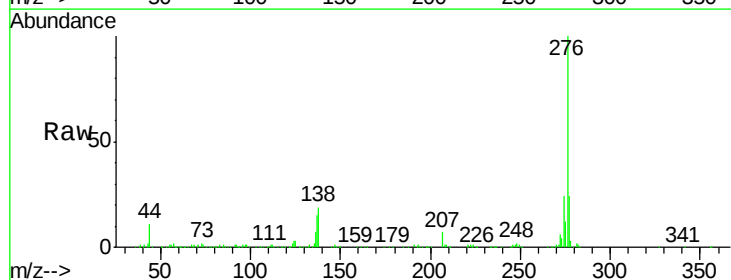
Delta R.T. -0.02 min

Lab File: BF118552.D

Acq: 17 Jan 2020 10:39

Tgt Ion:276 Resp: 543384

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.7	14.7	22.1



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

