

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118822.D
 Acq On : 5 Feb 2020 11:08
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:22:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	245556	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	903961	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	529750	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	990693	20.00	ng	0.00
76) Chrysene-d12	13.97	240	714622	20.00	ng	0.00
87) Perylene-d12	15.42	264	695773	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1083102	83.49	ng	0.00
7) Phenol-d6	6.45	99	1319934	81.97	ng	0.00
23) Nitrobenzene-d5	7.38	82	1214543	80.08	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	506590	79.92	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2389533	80.64	ng	0.00
79) Terphenyl-d14	12.92	244	2942000	84.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	234616	39.686	ng	99
3) Pyridine	3.28	79	659759	40.190	ng	98
4) n-Nitrosodimethylamine	3.22	42	235175	39.348	ng	99
6) Aniline	6.48	93	841443	40.571	ng	100
8) 2-Chlorophenol	6.60	128	599137	41.466	ng	99
9) Benzaldehyde	6.36	77	370835	39.873	ng	100
10) Phenol	6.46	94	730048	40.773	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	553938	40.437	ng	99
12) 1,3-Dichlorobenzene	6.76	146	707440	41.133	ng	100
13) 1,4-Dichlorobenzene	6.83	146	712621	41.539	ng	99
14) 1,2-Dichlorobenzene	6.99	146	658028	40.153	ng	98
15) Benzyl Alcohol	6.96	79	505153	40.584	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	680587	40.570	ng	99
17) 2-Methylphenol	7.07	107	486995	40.540	ng	99
18) Hexachloroethane	7.33	117	252245	40.967	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	388144	39.394	ng	97
20) 3+4-Methylphenols	7.22	107	576918	38.315	ng	94
22) Acetophenone	7.23	105	795349	40.497	ng	# 97
24) Nitrobenzene	7.40	77	602659	39.778	ng	97
25) Isophorone	7.64	82	1056691	38.769	ng	98
26) 2-Nitrophenol	7.72	139	326605	40.456	ng	95
27) 2,4-Dimethylphenol	7.75	122	434420	39.613	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	705769	39.932	ng	99
29) 2,4-Dichlorophenol	7.96	162	527689	40.179	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	621566	40.490	ng	99
31) Naphthalene	8.12	128	1690354	40.886	ng	100
32) Benzoic acid	7.87	122	338355	37.265	ng	98
33) 4-Chloroaniline	8.17	127	735487	39.763	ng	97
34) Hexachlorobutadiene	8.25	225	382846	40.707	ng	100
35) Caprolactam	8.54	113	164025	38.526	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	529174	40.037	ng	98
37) 2-Methylnaphthalene	8.81	142	1163421	40.575	ng	98
38) 1-Methylnaphthalene	8.91	142	1096019	40.633	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	629485	39.372	ng	100

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

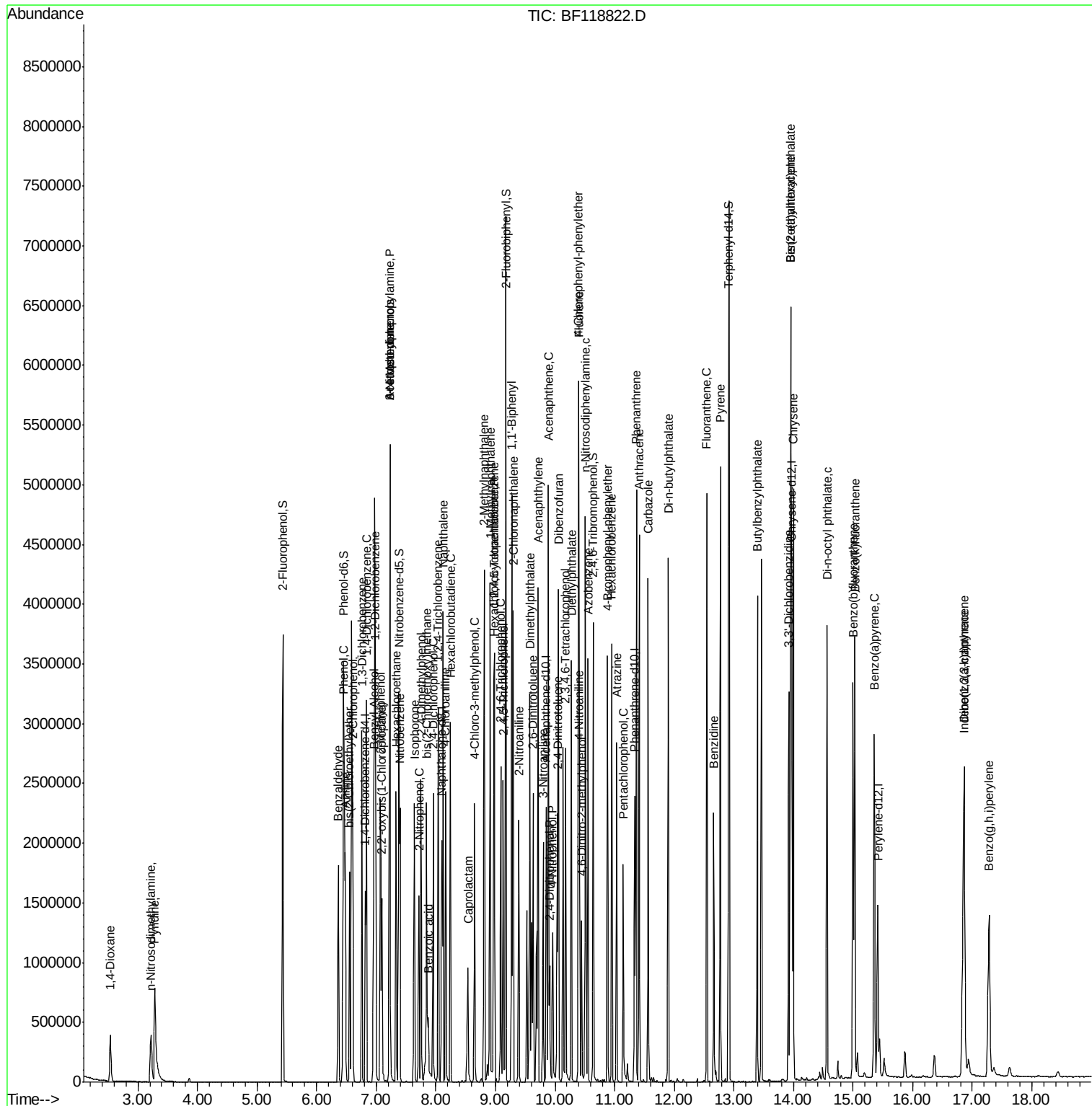
Instrument :
 BNA_F
 ClientSampleId :

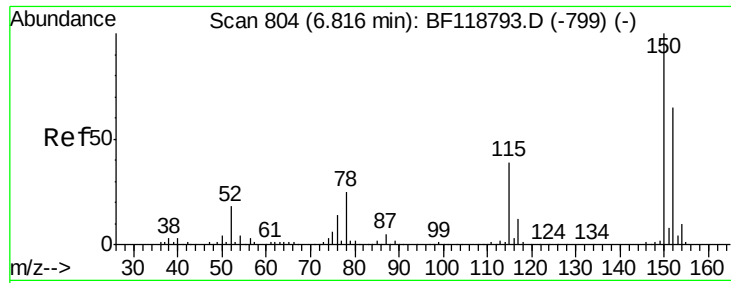
Quant Time: Feb 06 00:22:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	224725	35.846	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	410725	38.416	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	419026	38.357	ng	97
46) 1,1'-Biphenyl	9.27	154	1457337	39.769	ng	100
47) 2-Chloronaphthalene	9.30	162	1208727	39.677	ng	99
48) 2-Nitroaniline	9.39	65	333756	37.985	ng	97
49) Acenaphthylene	9.72	152	1804927	41.034	ng	99
50) Dimethylphthalate	9.57	163	1448068	40.145	ng	100
51) 2,6-Dinitrotoluene	9.63	165	327634	39.697	ng	97
52) Acenaphthene	9.89	154	1181041	40.746	ng	99
53) 3-Nitroaniline	9.80	138	365266	39.905	ng	99
54) 2,4-Dinitrophenol	9.91	184	147294	37.123	ng	90
55) Dibenzofuran	10.06	168	1665024	39.749	ng	99
56) 4-Nitrophenol	9.96	139	254107	38.358	ng	92
57) 2,4-Dinitrotoluene	10.04	165	439638	40.251	ng	95
58) Fluorene	10.40	166	1267339	40.216	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	377755	39.596	ng	99
60) Diethylphthalate	10.27	149	1417620	40.417	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	679488	39.759	ng	99
62) 4-Nitroaniline	10.42	138	364714	39.789	ng	96
63) Azobenzene	10.55	77	1224781	40.901	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	215523	38.716	ng	87
66) n-Nitrosodiphenylamine	10.51	169	1171374	40.819	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	471749	40.253	ng	98
68) Hexachlorobenzene	10.95	284	538471	40.058	ng	99
69) Atrazine	11.03	200	379019	39.644	ng	99
70) Pentachlorophenol	11.15	266	266896	37.603	ng	97
71) Phenanthrene	11.36	178	1953535	40.078	ng	99
72) Anthracene	11.41	178	1940748	40.023	ng	99
73) Carbazole	11.56	167	1760264	41.363	ng	99
74) Di-n-butylphthalate	11.90	149	2173819	40.099	ng	99
75) Fluoranthene	12.54	202	2069857	38.893	ng	99
77) Benzidine	12.66	184	848813	39.271	ng	99
78) Pyrene	12.77	202	2084541	42.520	ng	99
80) Butylbenzylphthalate	13.39	149	915508	40.914	ng	99
81) Benzo(a)anthracene	13.96	228	1762139	41.438	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	712600	40.972	ng	98
83) Chrysene	14.00	228	1737959	40.721	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1179840	41.559	ng	99
85) Di-n-octyl phthalate	14.56	149	1915247	39.380	ng	100
86) Indeno(1,2,3-cd)pyrene	16.85	276	1665336	38.836	ng	99
88) Benzo(b)fluoranthene	15.00	252	1639229	37.968	ng	99
89) Benzo(k)fluoranthene	15.03	252	1657644	44.091	ng	99
90) Benzo(a)pyrene	15.36	252	1493759	40.428	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1372298	41.838	ng	98
92) Benzo(g,h,i)perylene	17.28	276	1263064	40.041	ng	98

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

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QLast Update : Mon Feb 03 16:26:03 2020
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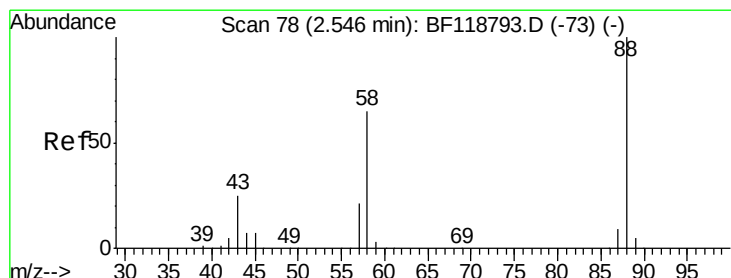
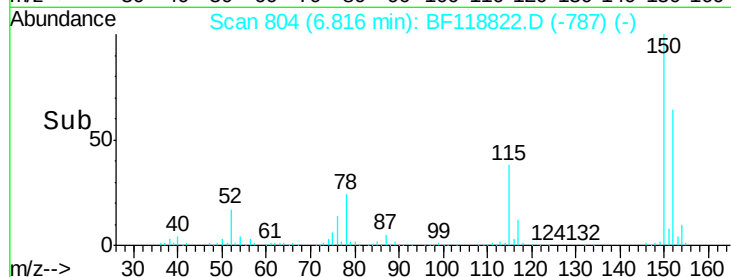
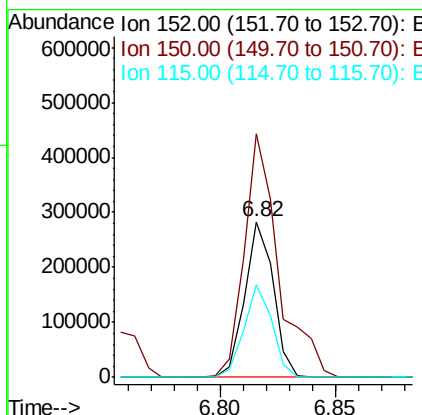
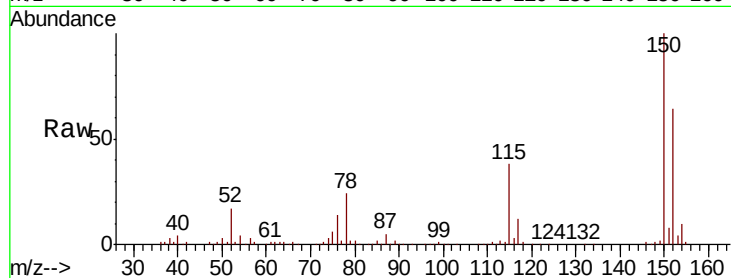




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

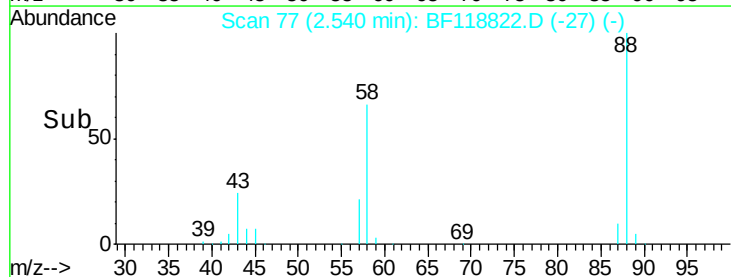
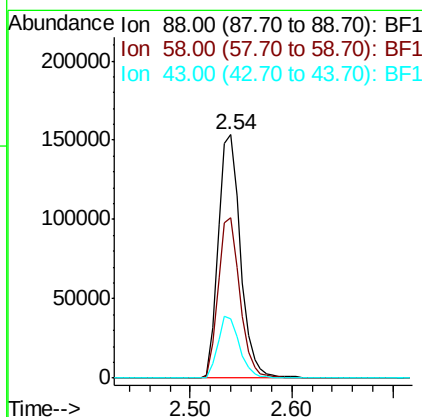
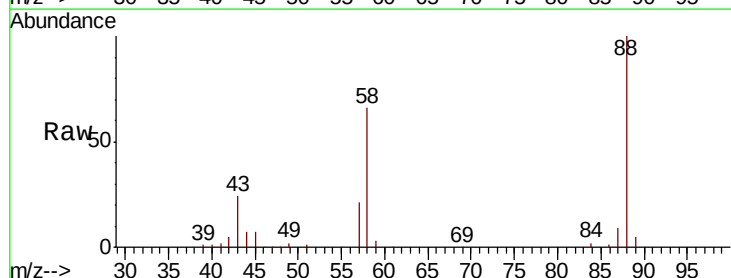
Instrument :
 BNA_F
 ClientSampled :

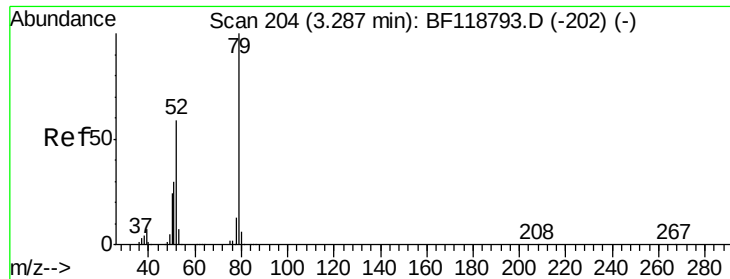
Tot Ion:152 Resp: 245556
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.6 185.4
 115 59.4 48.2 72.2



#2
 1,4-Dioxane
 Concen: 39.686 ng
 RT: 2.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion: 88 Resp: 234616
 Ion Ratio Lower Upper
 88 100
 58 63.8 51.6 77.4
 43 24.6 19.8 29.6





#3

Pvridine

Concen: 40.190 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

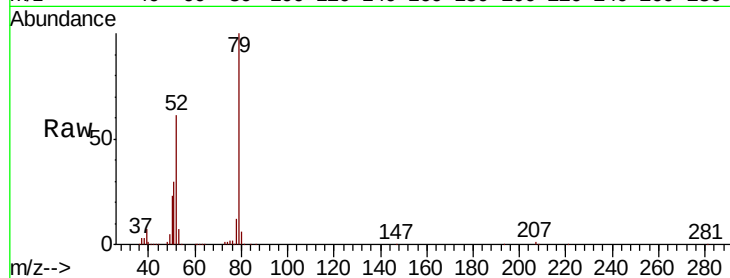
Tot Ion: 79 Resp: 659759

Ion Ratio Lower Upper

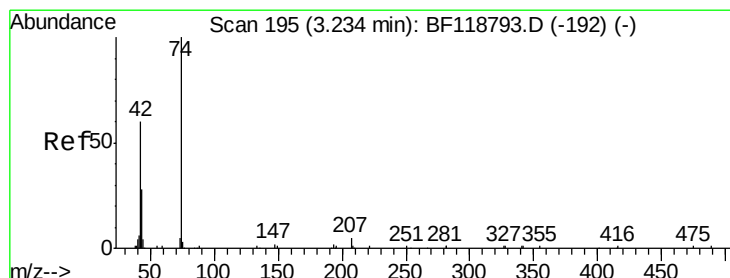
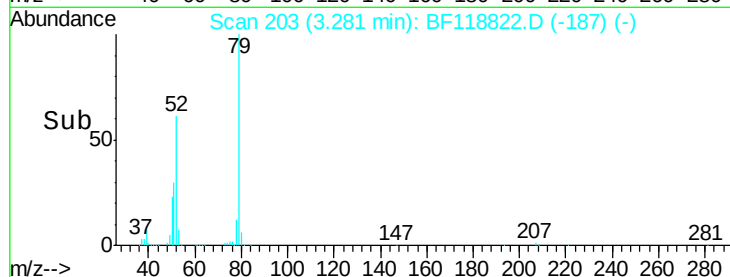
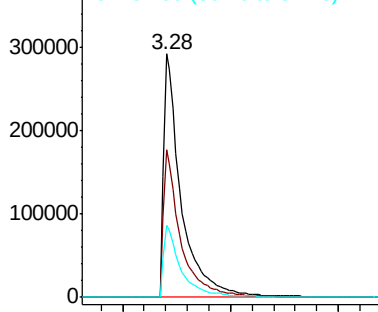
79 100

52 60.6 47.4 71.0

51 29.7 24.2 36.4



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



#4

n-Nitrosodimethylamine

Concen: 39.348 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

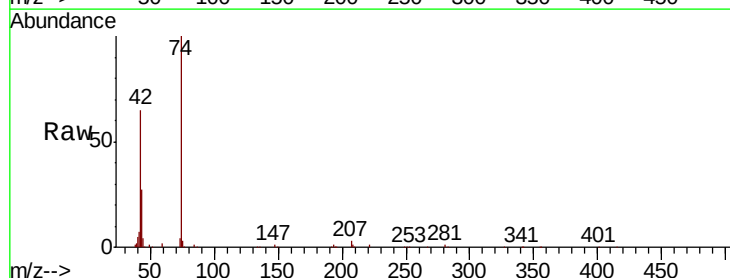
Tgt Ion: 42 Resp: 235175

Ion Ratio Lower Upper

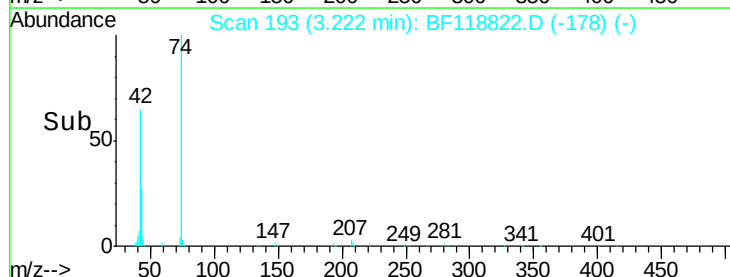
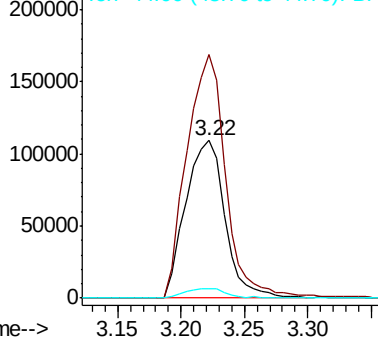
42 100

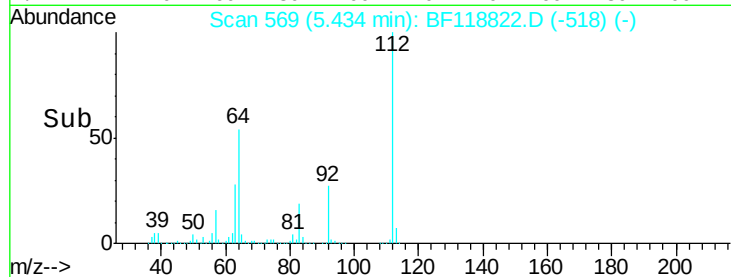
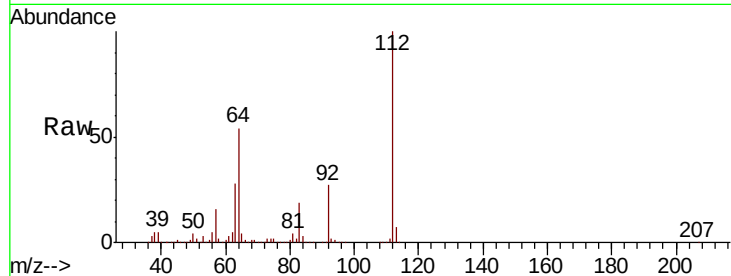
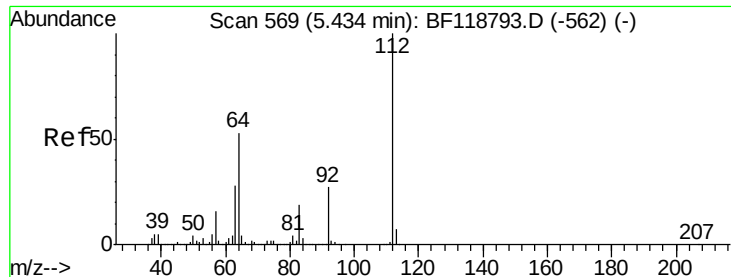
74 154.4 124.3 186.5

44 6.0 5.3 7.9



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: 83.494 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

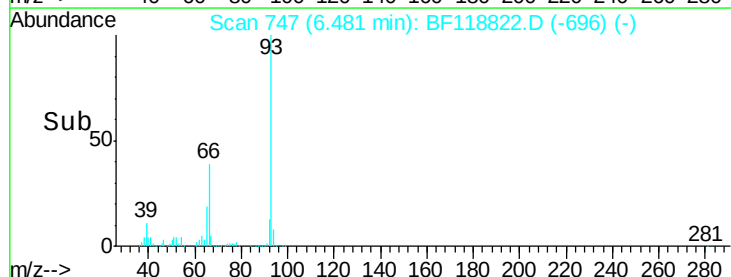
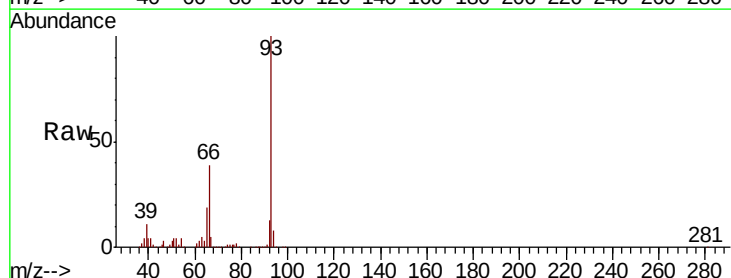
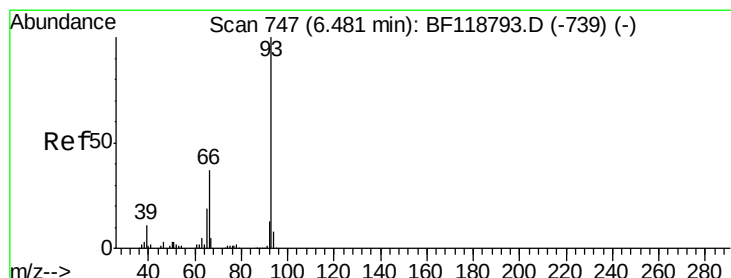
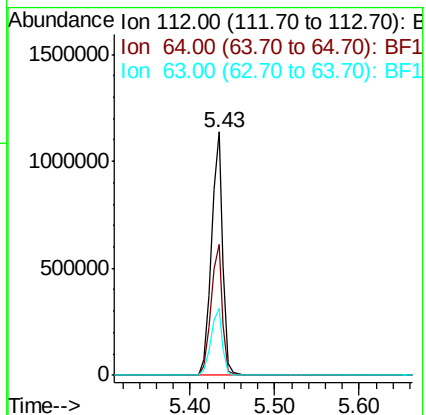
Tot Ion:112 Resp: 1083102

Ion Ratio Lower Upper

112 100

64 53.6 42.6 63.8

63 27.6 22.2 33.4



#6

Aniline

Concen: 40.571 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

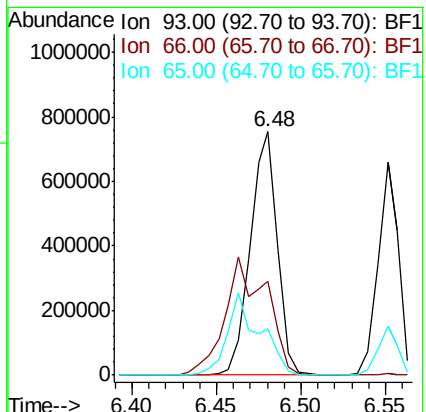
Tgt Ion: 93 Resp: 841443

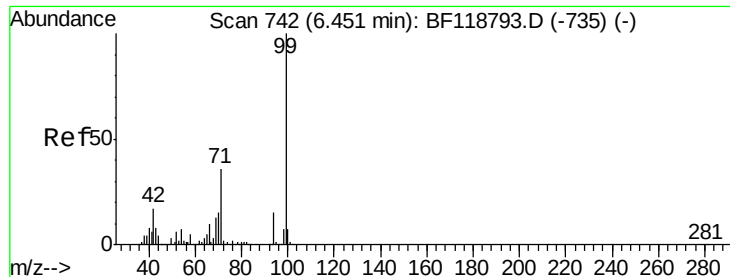
Ion Ratio Lower Upper

93 100

66 38.7 30.8 46.2

65 19.1 15.4 23.0





#7

Phenol-d6

Concen: 81.967 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

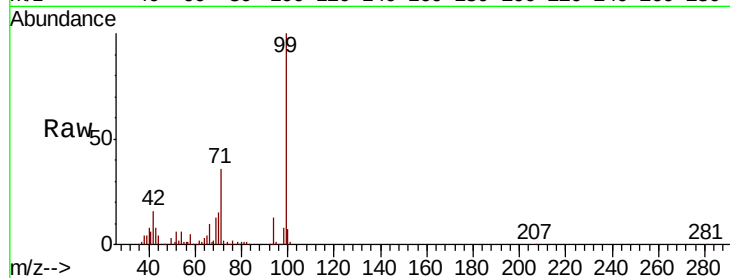
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1319934

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.0
71	35.8	29.0	43.6

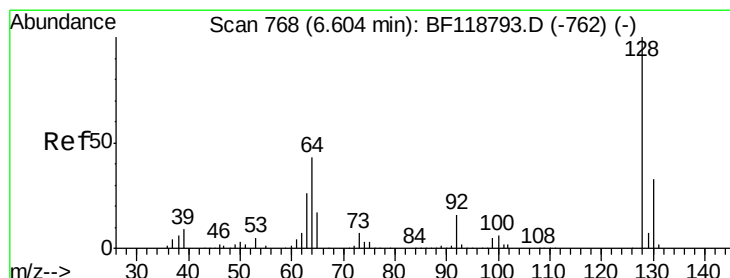
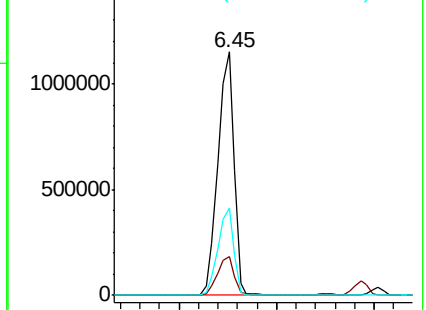
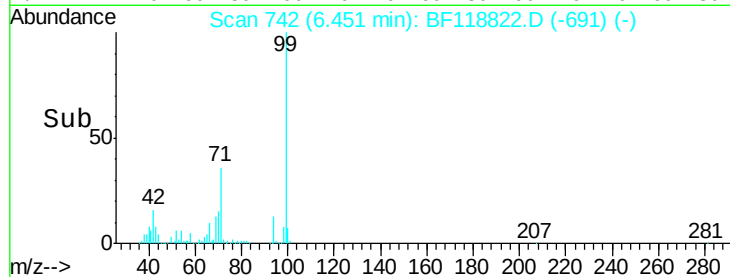


Abundance

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: 41.466 ng

RT: 6.60 min Scan# 768

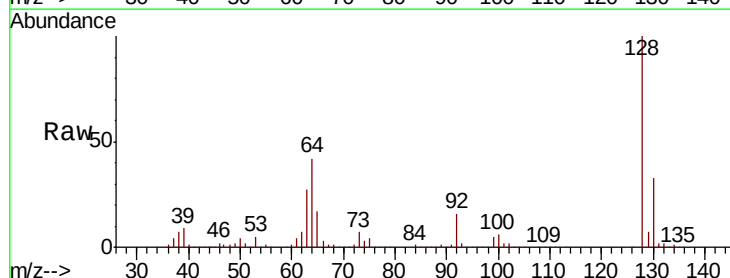
Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Tgt Ion: 128 Resp: 599137

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	42.2	23.0	63.0

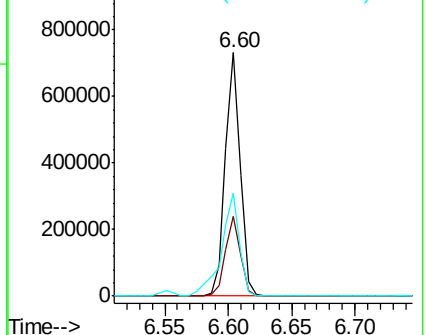
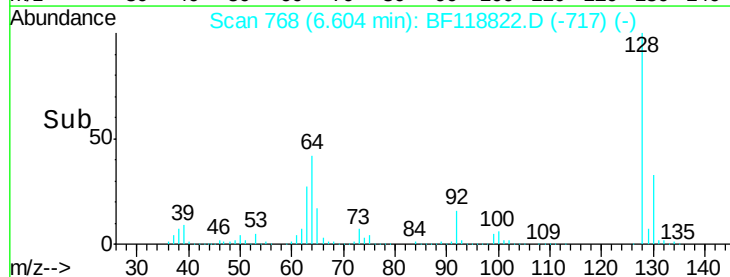


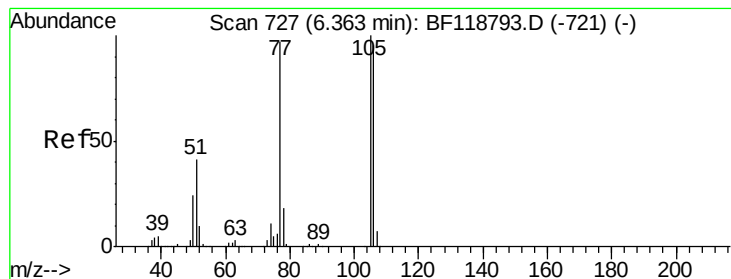
Abundance

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: 39.873 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

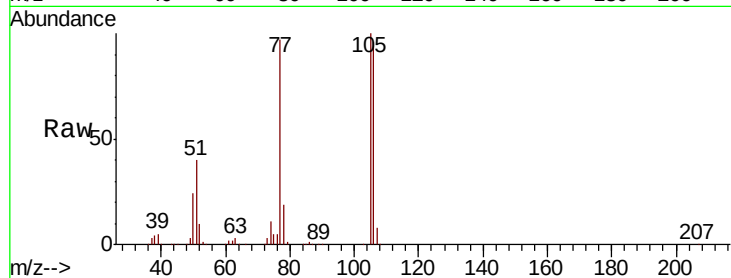
Tot Ion: 77 Resp: 370835

Ion Ratio Lower Upper

77 100

105 102.7 82.8 122.8

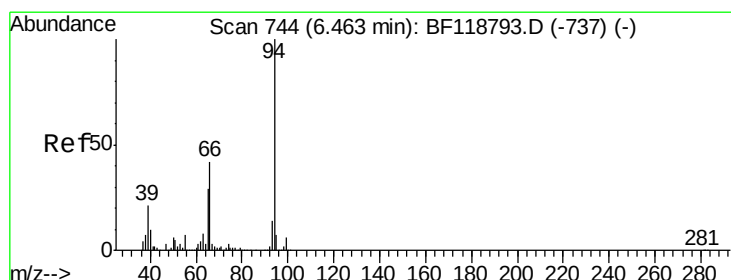
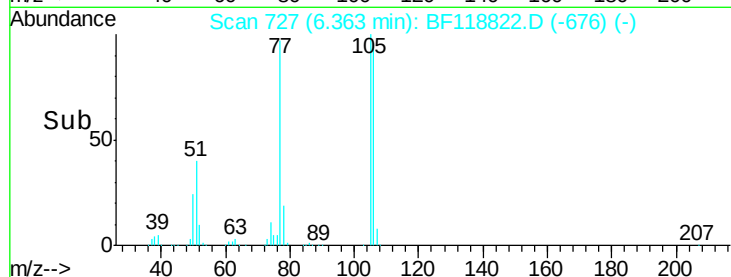
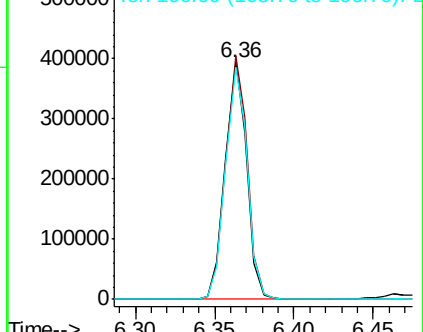
106 98.1 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.773 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

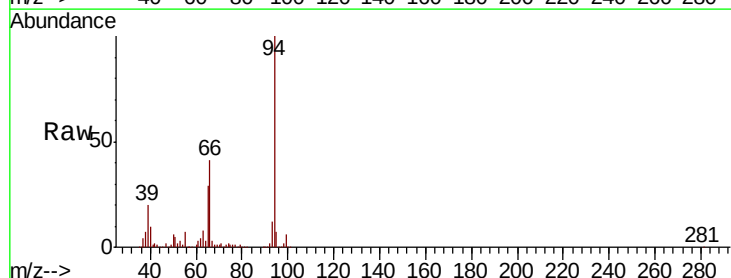
Tgt Ion: 94 Resp: 730048

Ion Ratio Lower Upper

94 100

65 28.8 9.1 49.1

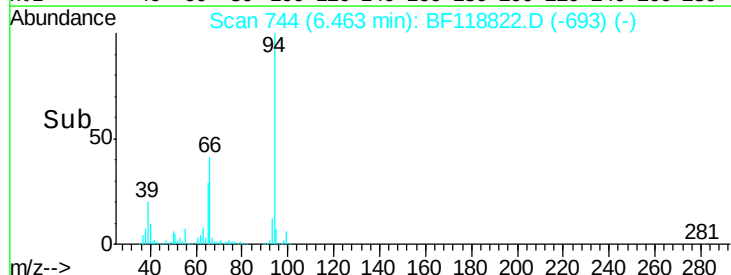
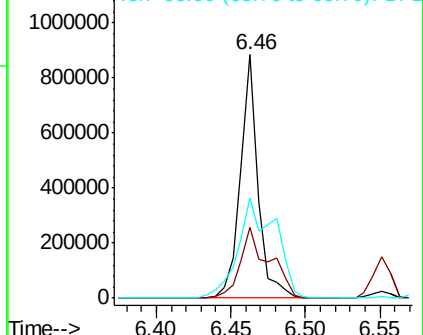
66 41.3 21.7 61.7

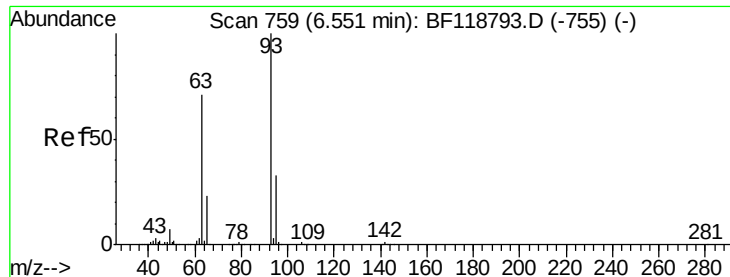


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.437 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

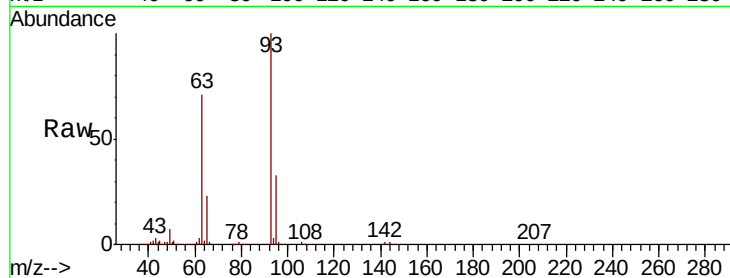
Tot Ion: 93 Resp: 553938

Ion Ratio Lower Upper

93 100

63 71.0 50.7 90.7

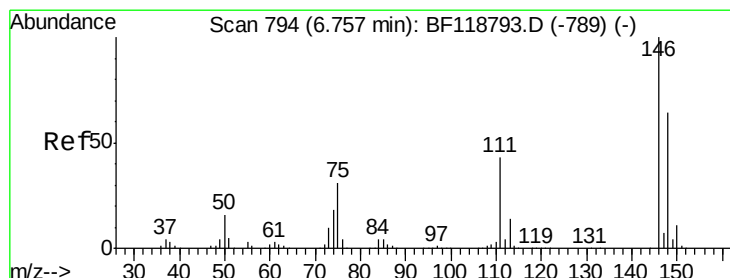
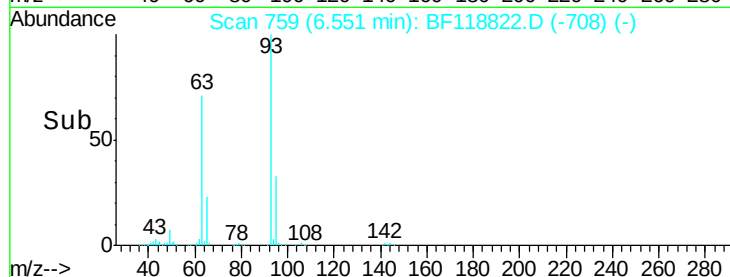
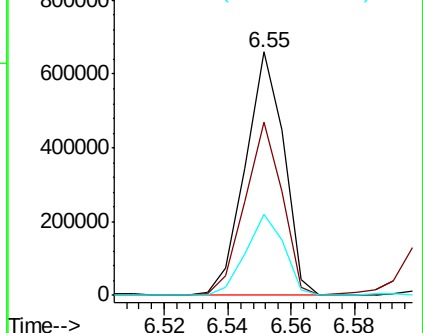
95 33.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.133 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

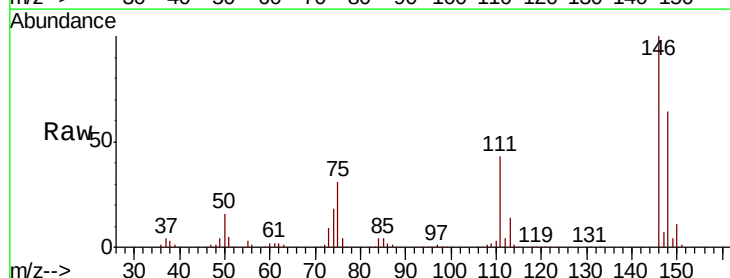
Tgt Ion:146 Resp: 707440

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

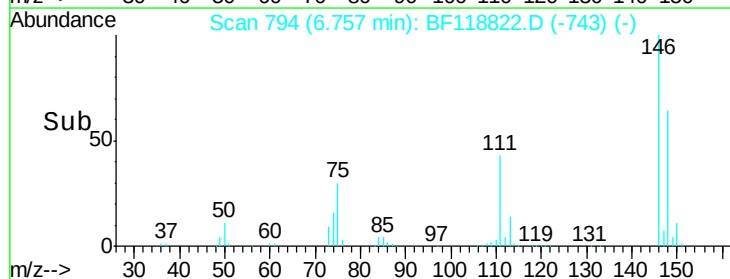
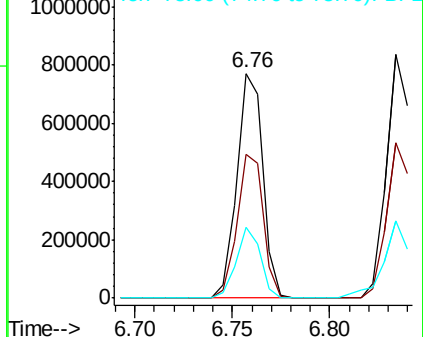
75 31.2 25.0 37.4

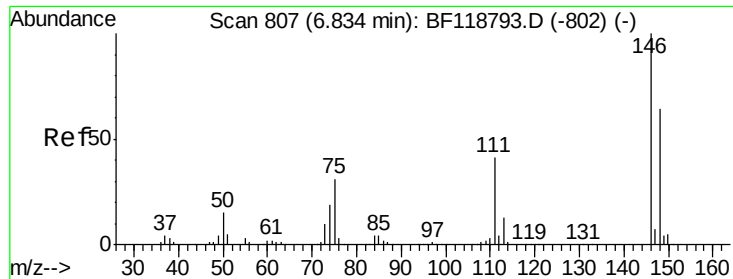


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

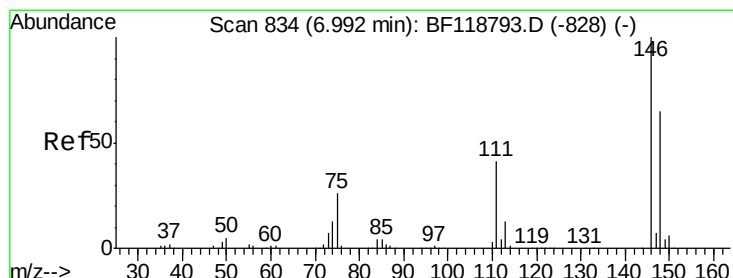
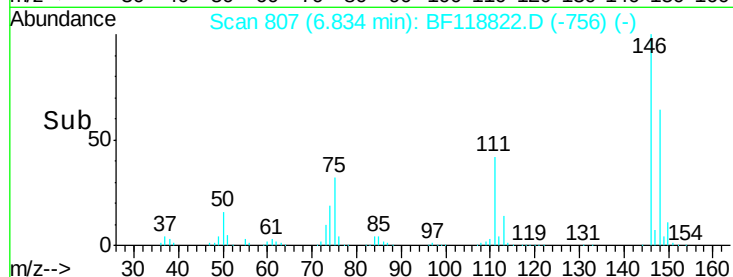
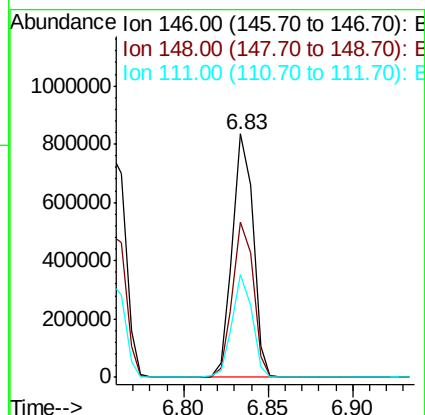
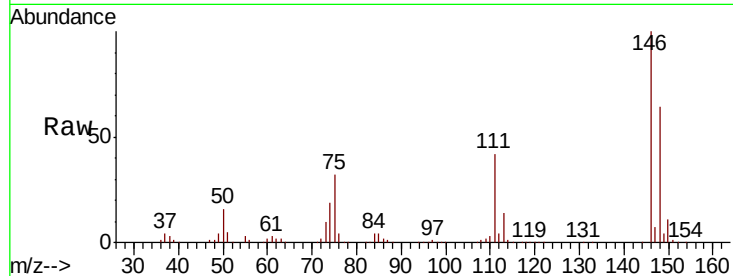




#13
 1,4-Dichlorobenzene
 Concen: 41.539 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

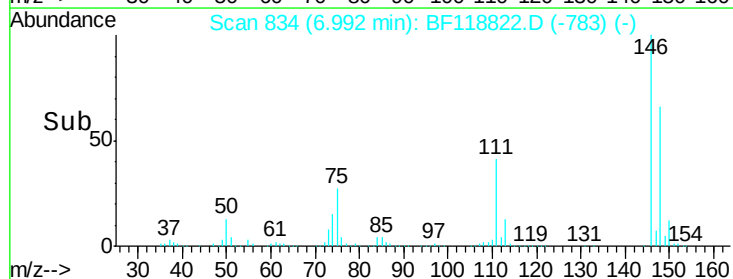
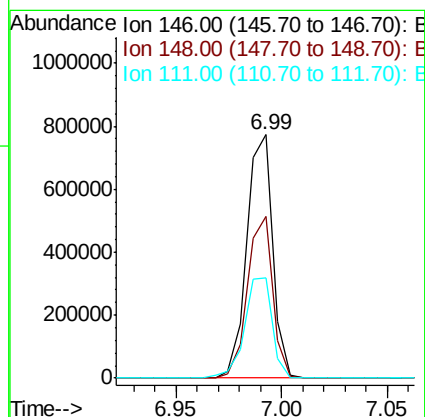
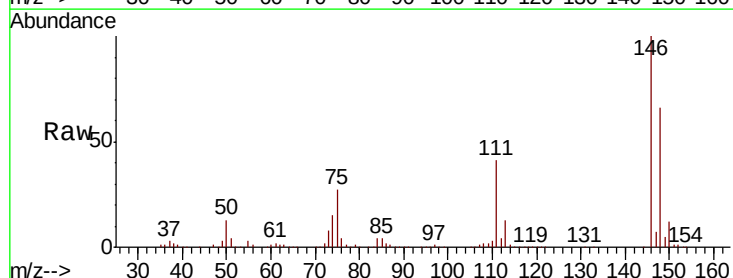
Instrument :
 BNA_F
 ClientSampleId :

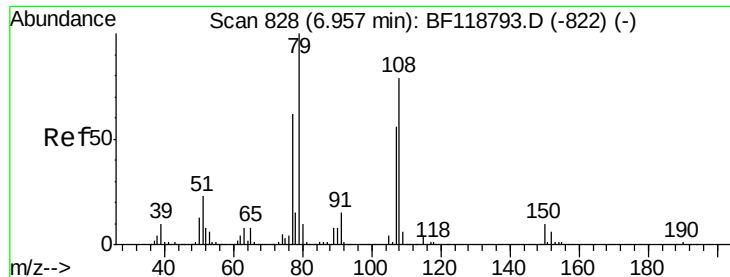
Tot Ion:146 Resp: 712621
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 42.1 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 40.153 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion:146 Resp: 658028
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.6 77.4
 111 41.4 32.7 49.1





#15

Benzyl Alcohol

Concen: 40.584 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

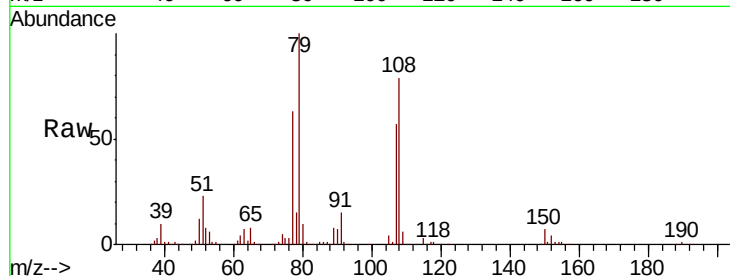
Tot Ion: 79 Resp: 505153

Ion Ratio Lower Upper

79 100

108 79.1 62.9 94.3

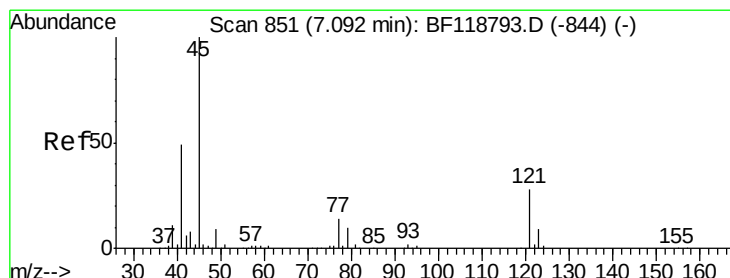
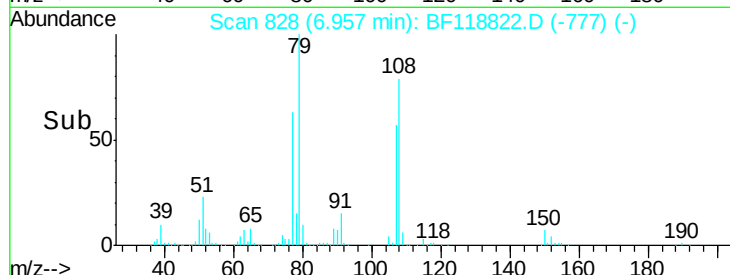
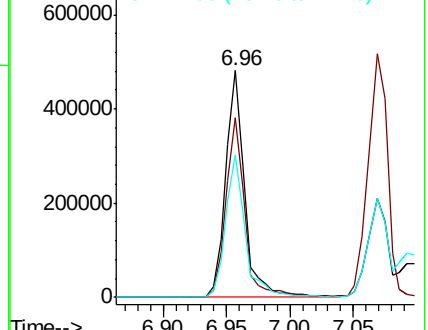
77 63.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.570 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

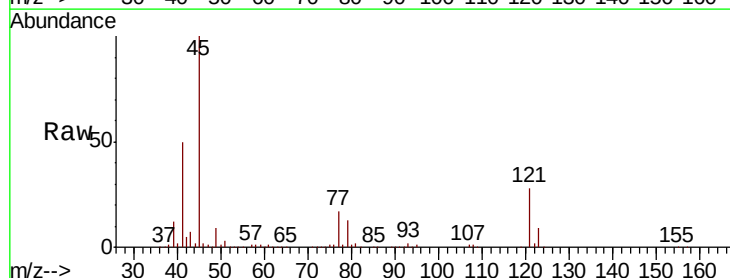
Tgt Ion: 45 Resp: 680587

Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.1

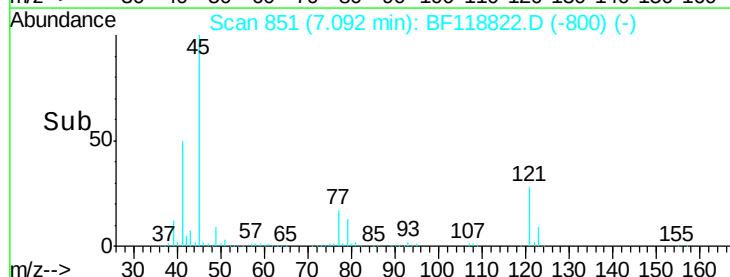
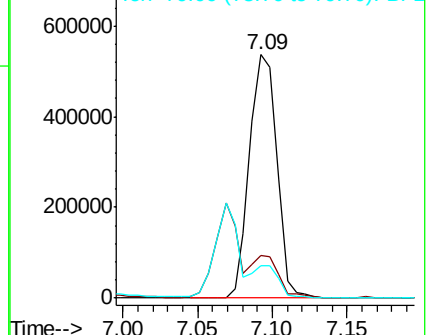
79 13.4 0.0 33.1

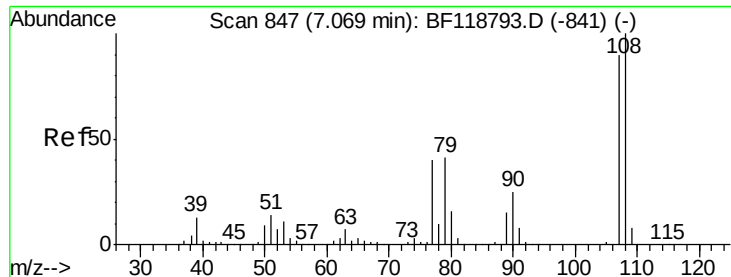


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.540 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 486995

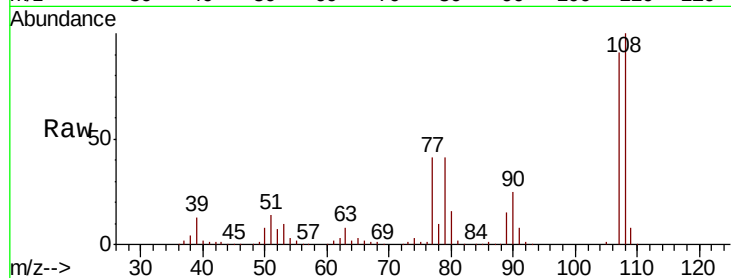
Ion Ratio Lower Upper

107 100

108 109.8 89.3 133.9

77 44.5 36.2 54.2

79 44.7 36.3 54.5

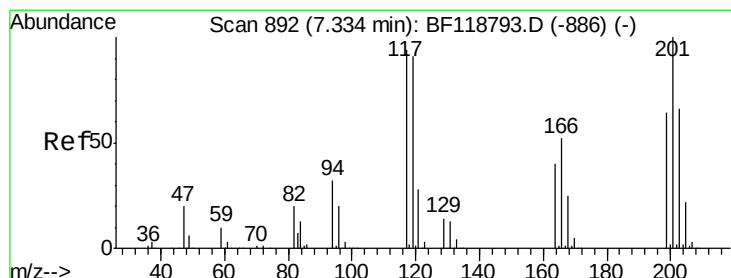
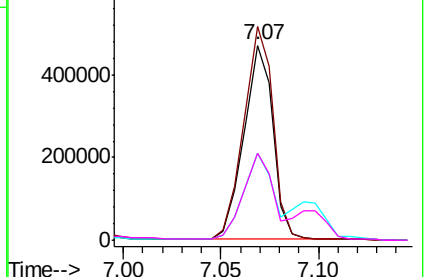
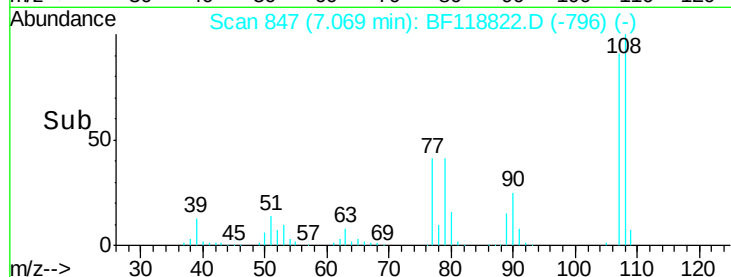


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.967 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

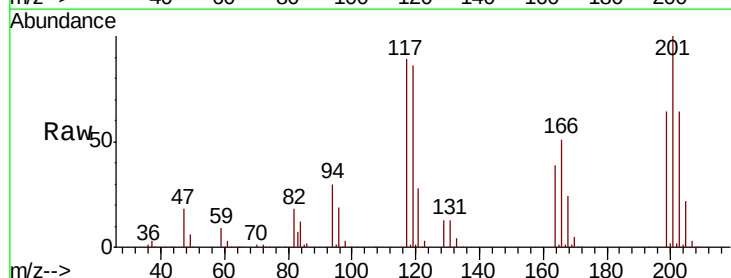
Tgt Ion:117 Resp: 252245

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

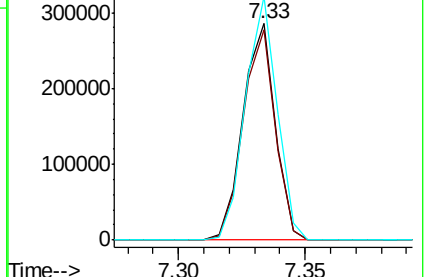
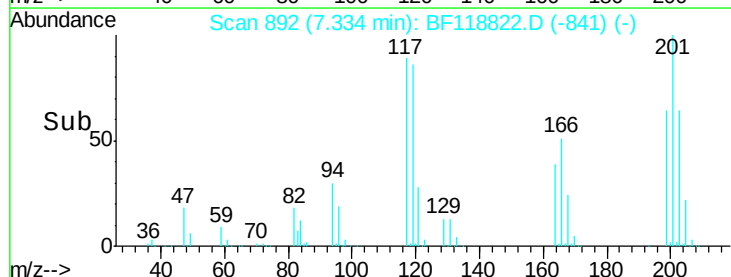
201 112.4 85.1 127.7

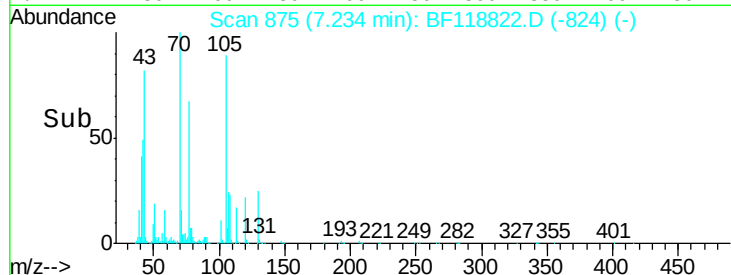
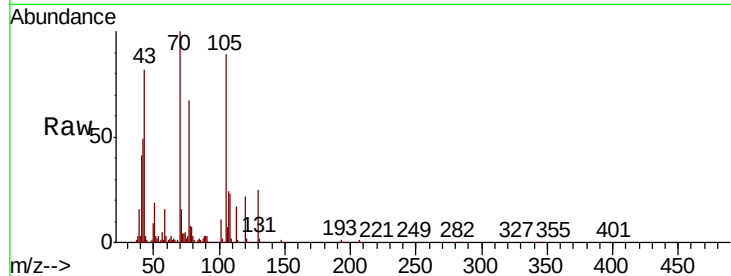
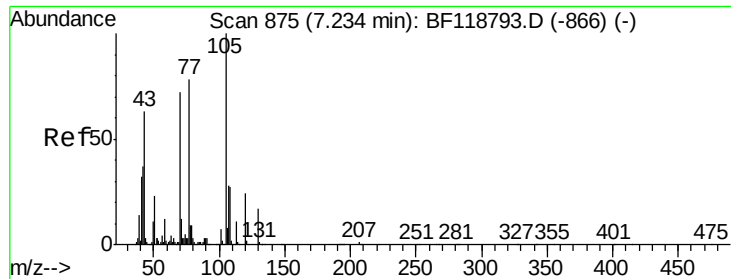


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

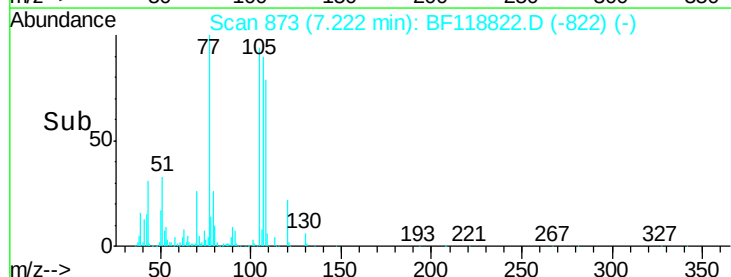
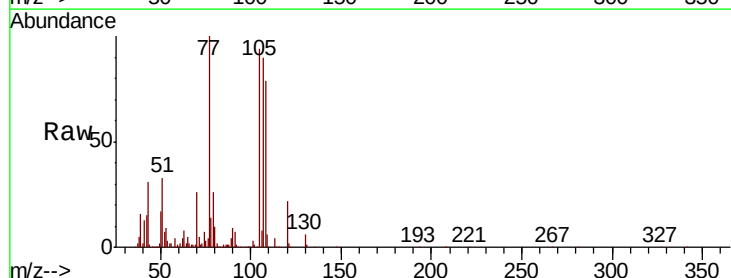
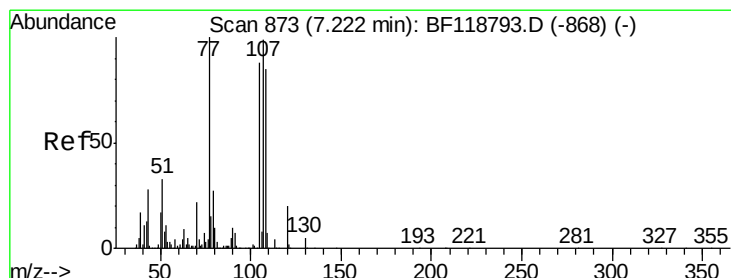
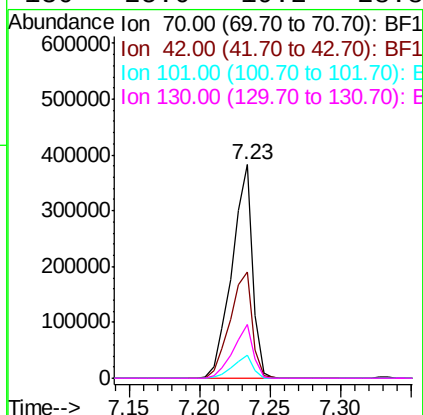




#19
n-Nitroso-di-n-propylamine
Concen: 39.394 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

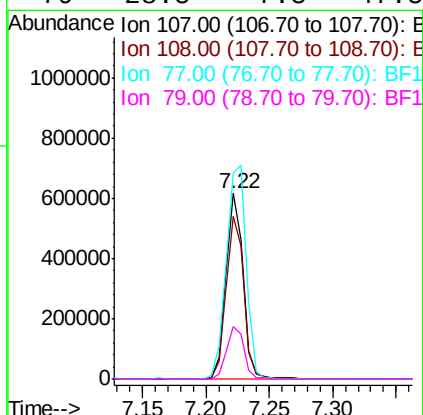
Instrument :
BNA_F
ClientSampled :

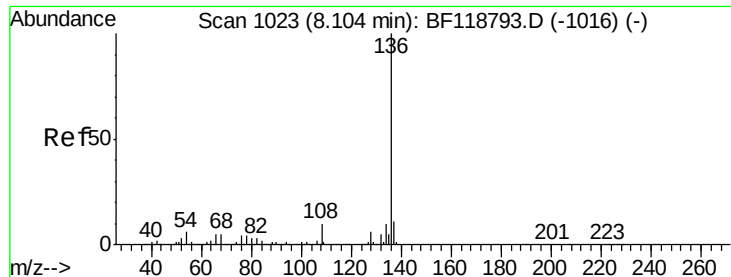
Tot Ion:	70	Resp:	388144
Ion	Ratio	Lower	Upper
70	100		
42	49.5	41.5	62.3
101	10.6	8.3	12.5
130	25.0	19.2	28.8



#20
3+4-Methylphenols
Concen: 38.315 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:	107	Resp:	576918
Ion	Ratio	Lower	Upper
107	100		
108	87.5	65.9	105.9
77	111.4	80.9	120.9
79	28.5	7.5	47.5

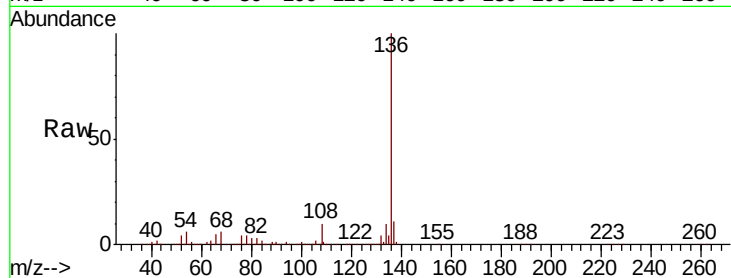




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 903961
Ion Ratio	Lower Upper
136 100	
137 11.4	8.7 13.1
54 6.3	5.0 7.6
68 5.7	4.2 6.4



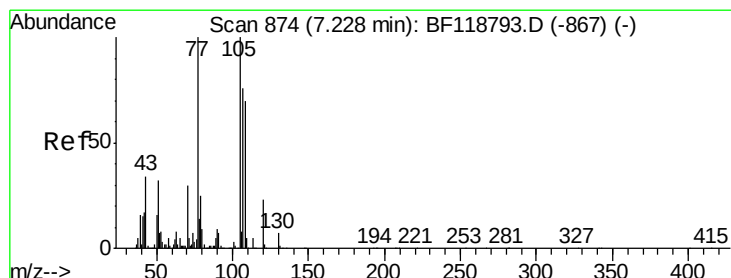
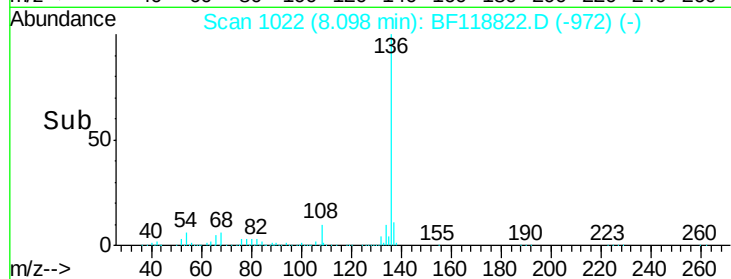
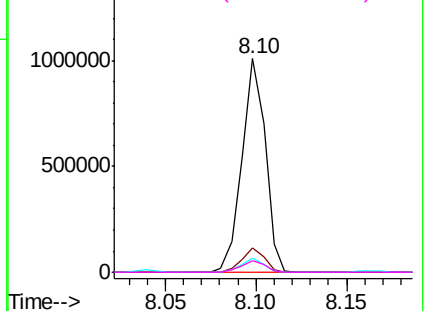
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

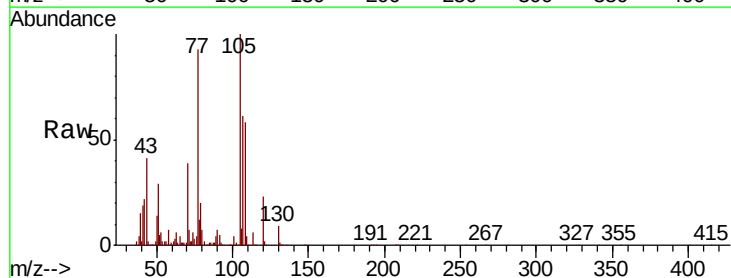
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.497 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt	Ion:105	Resp:	795349
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.2	6.4#
51	28.8	25.5	38.3
120	23.3	18.6	28.0



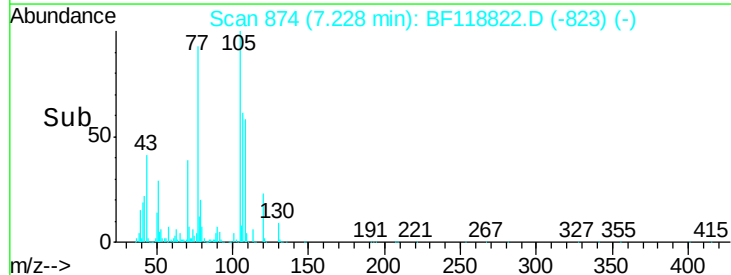
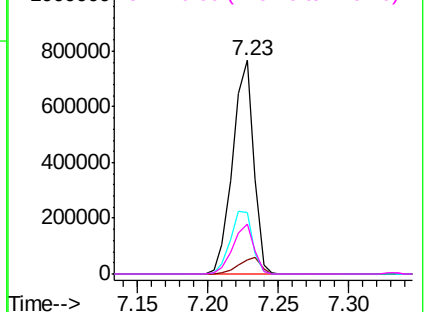
Abundance

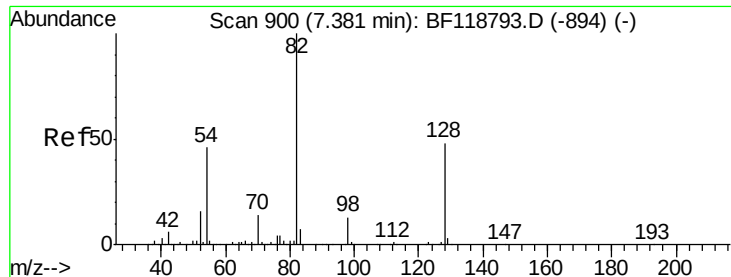
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

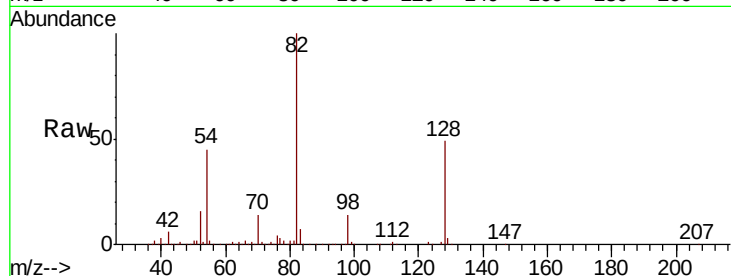




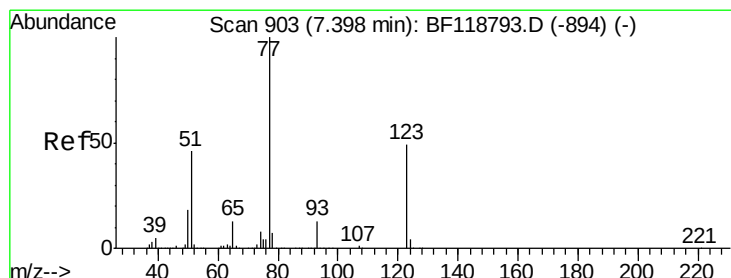
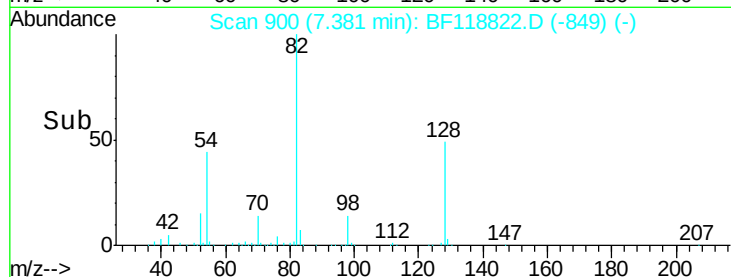
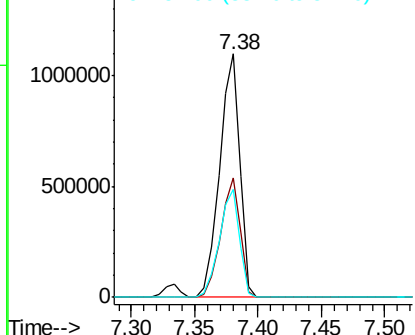
#23
 Nitrobenzene-d5
 Concen: 80.084 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1214543
 Ion Ratio Lower Upper
 82 100
 128 48.9 38.5 57.7
 54 44.5 36.7 55.1

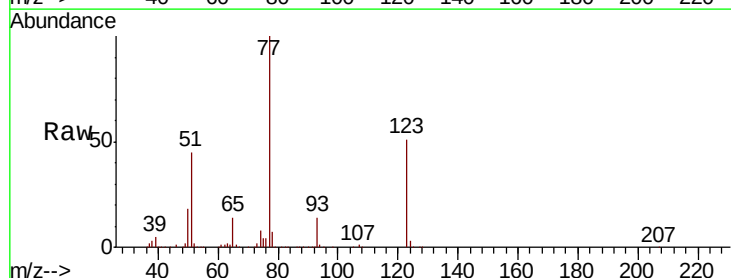


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

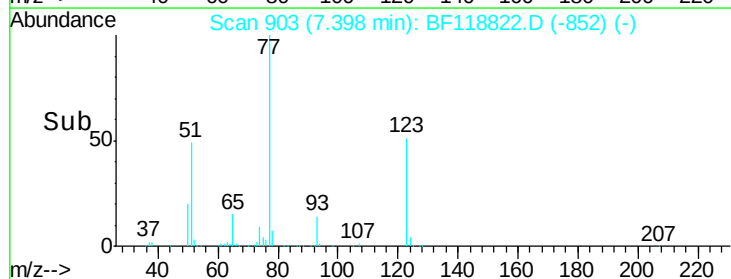
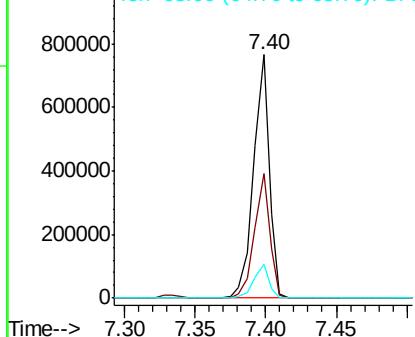


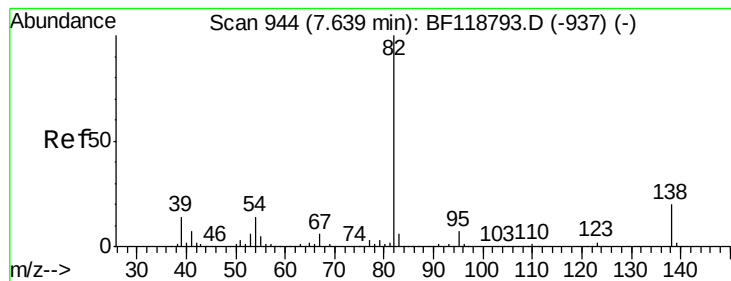
#24
 Nitrobenzene
 Concen: 39.778 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion: 77 Resp: 602659
 Ion Ratio Lower Upper
 77 100
 123 50.9 39.0 58.4
 65 13.7 10.6 15.8



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: 38.769 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

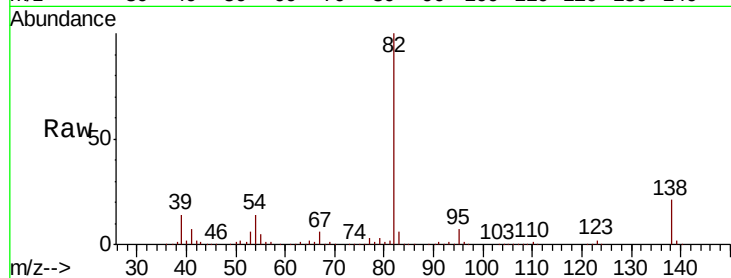
Tot Ion: 82 Resp: 1056691

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

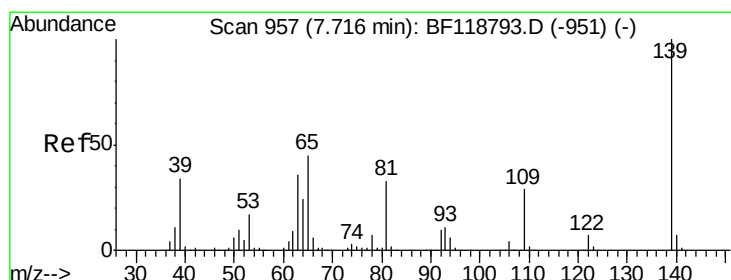
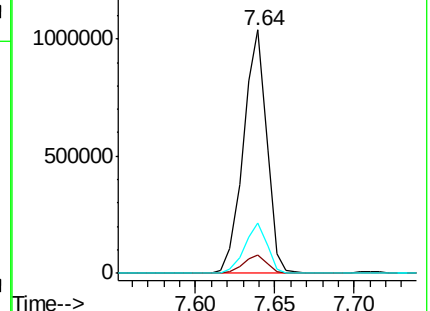
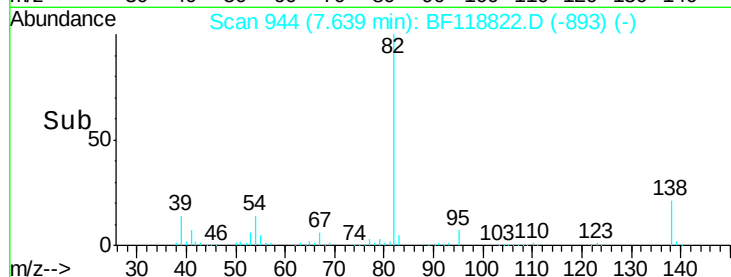
138 20.8 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.456 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

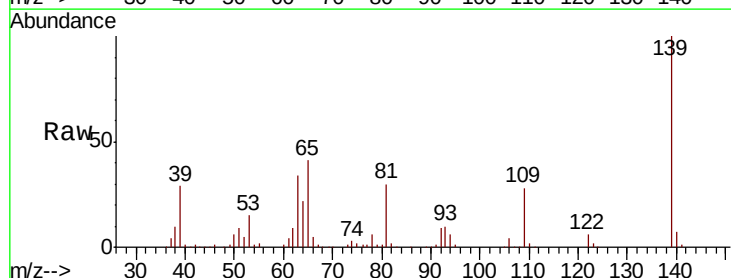
Tgt Ion: 139 Resp: 326605

Ion Ratio Lower Upper

139 100

109 27.6 23.4 35.0

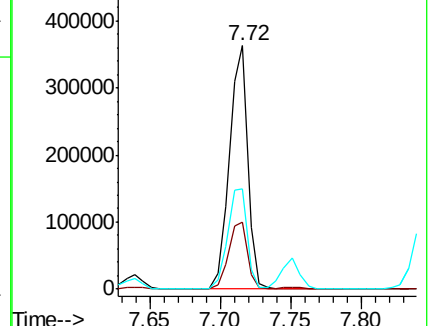
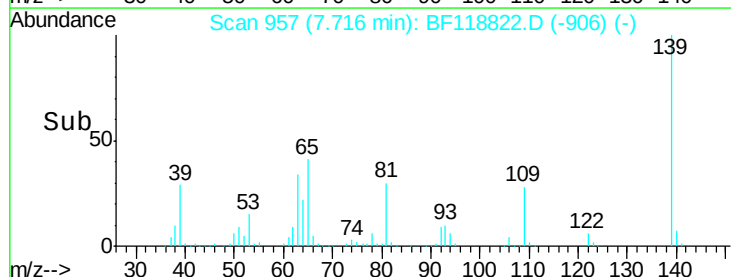
65 41.3 36.2 54.2

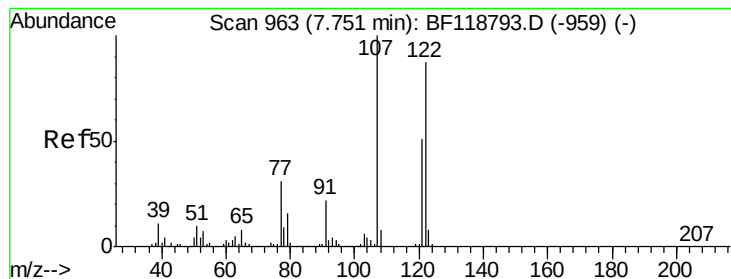


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.613 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

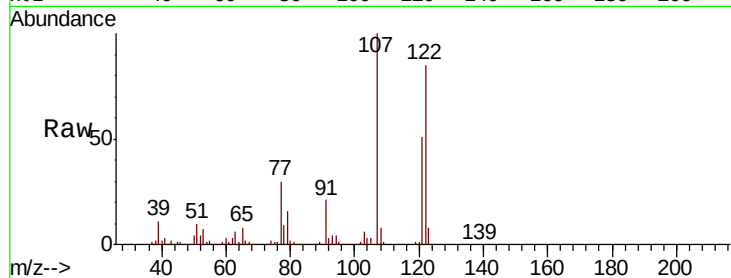
Tot Ion:122 Resp: 434420

Ion Ratio Lower Upper

122 100

107 117.8 92.2 138.2

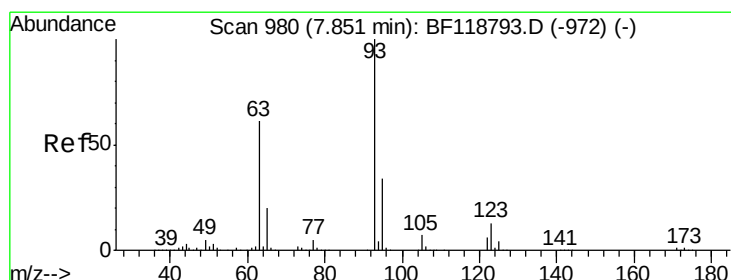
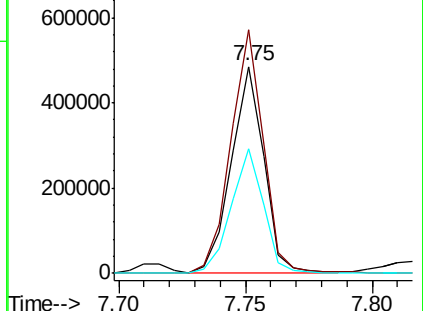
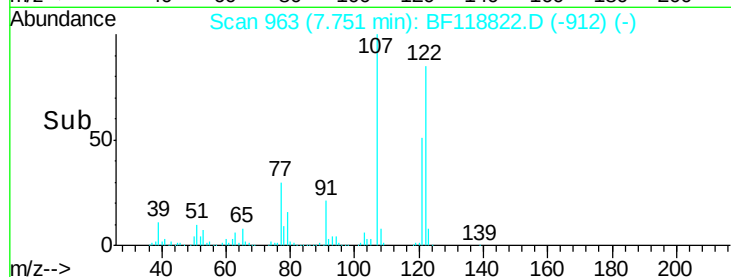
121 60.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.932 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

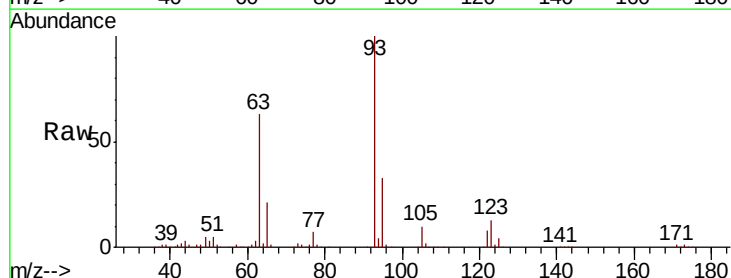
Tgt Ion: 93 Resp: 705769

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

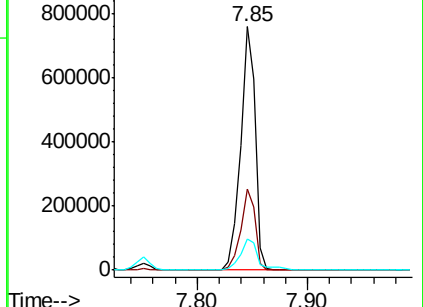
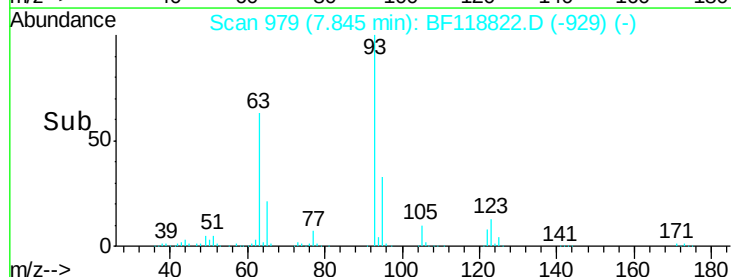
123 12.8 10.6 15.8

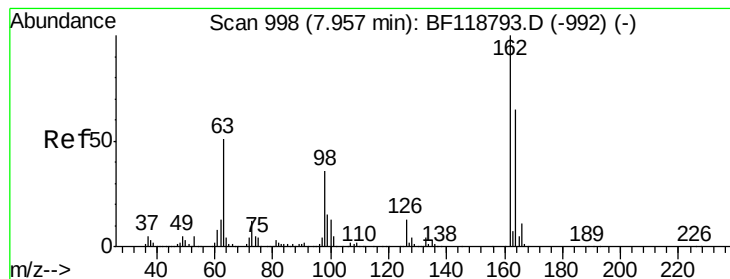


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.179 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

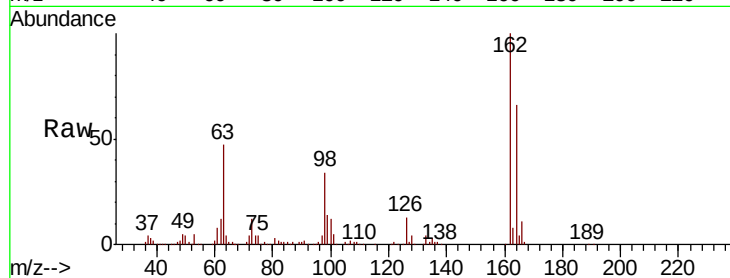
Tot Ion:162 Resp: 527689

Ion Ratio Lower Upper

162 100

164 65.6 44.8 84.8

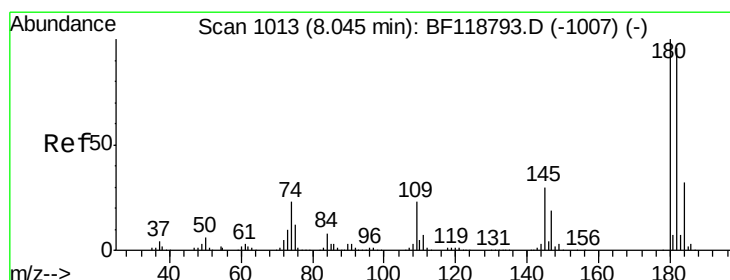
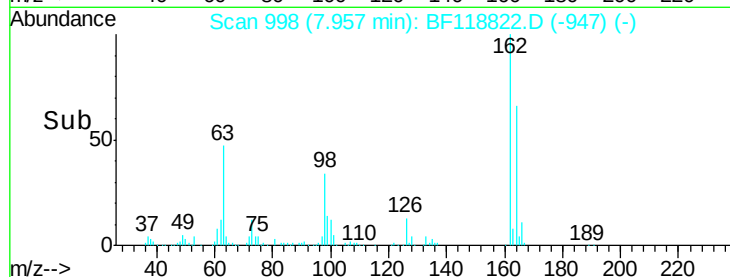
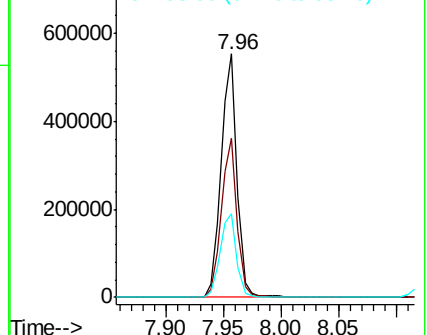
98 34.1 16.4 56.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.490 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

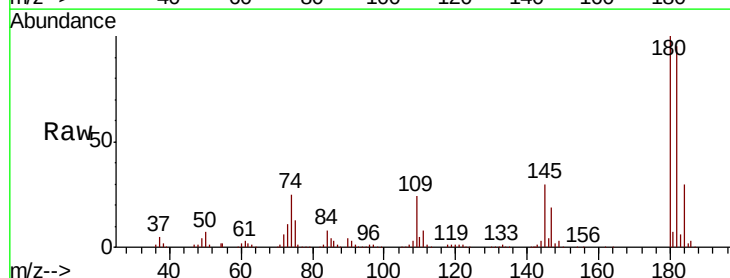
Tgt Ion:180 Resp: 621566

Ion Ratio Lower Upper

180 100

182 94.6 76.6 115.0

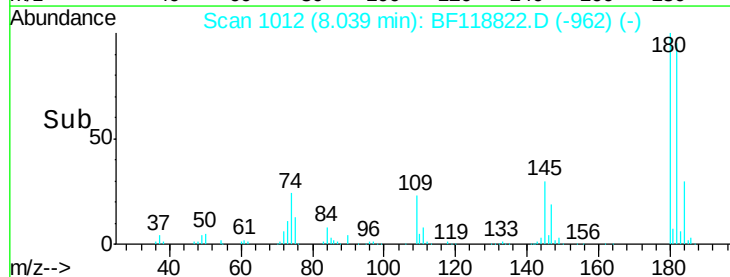
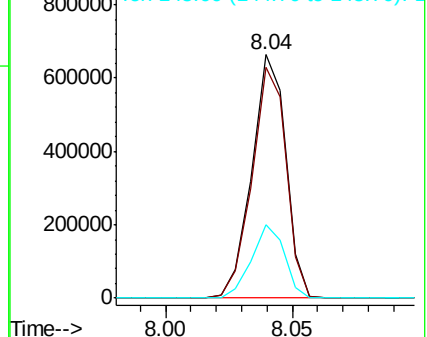
145 30.2 24.0 36.0

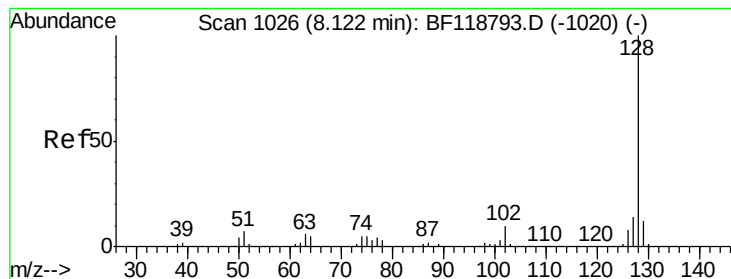


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.886 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampled :

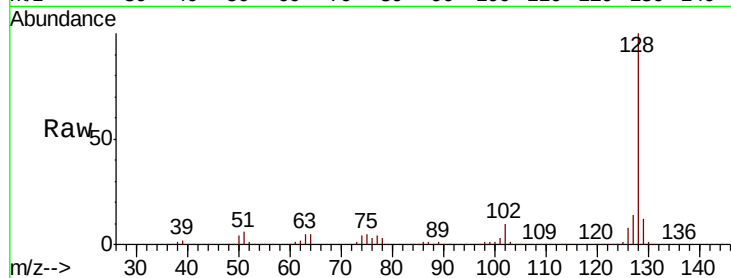
Tot Ion:128 Resp: 1690354

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

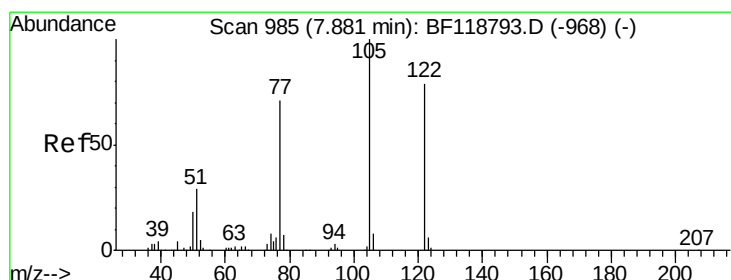
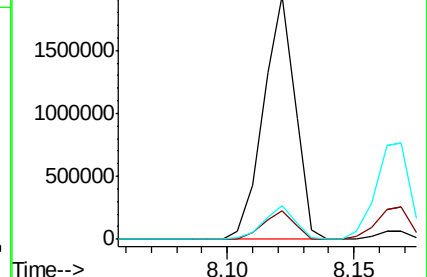
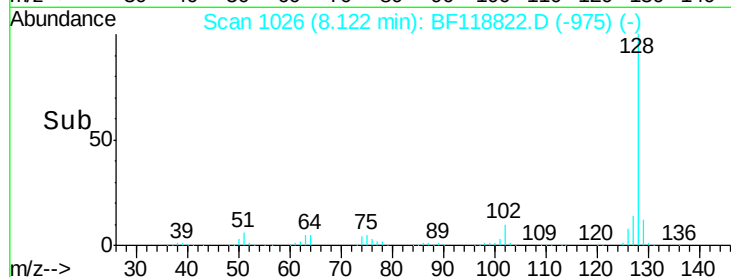
127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.265 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

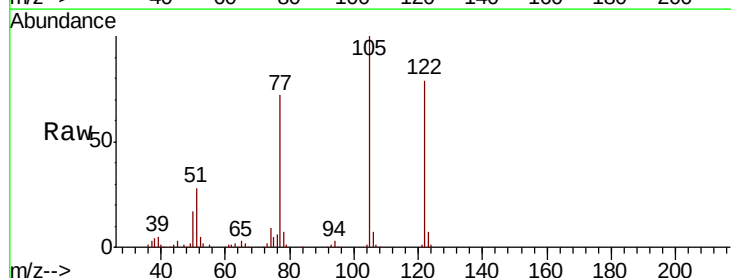
Tgt Ion:122 Resp: 338355

Ion Ratio Lower Upper

122 100

105 127.0 104.4 144.4

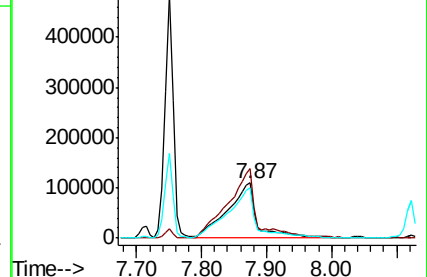
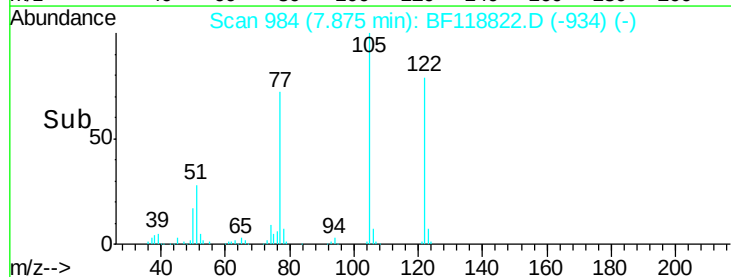
77 91.2 69.3 109.3

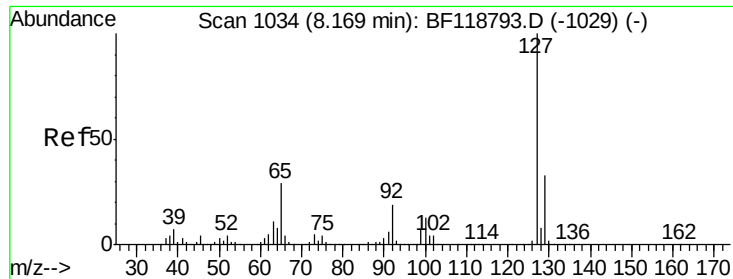


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

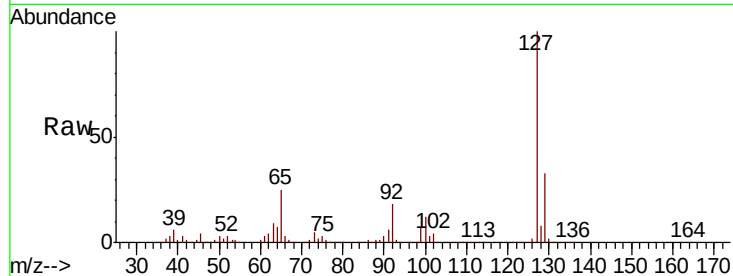




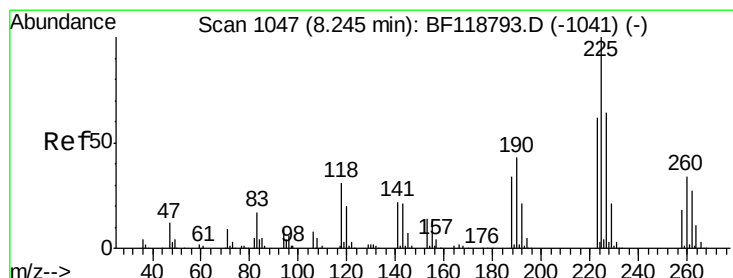
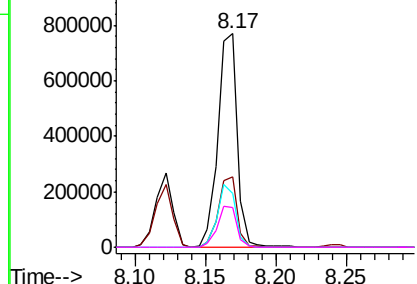
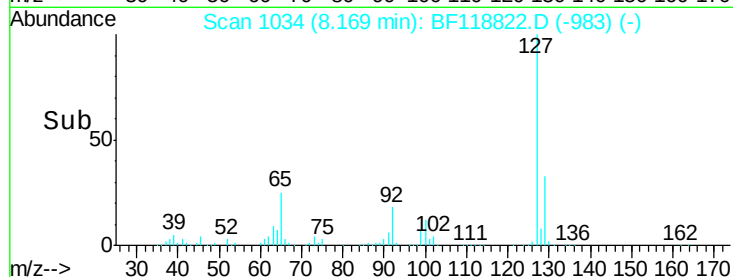
#33
4-Chloroaniline
Concen: 39.763 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	735487
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	25.4	22.9	34.3
92	18.4	15.4	23.0

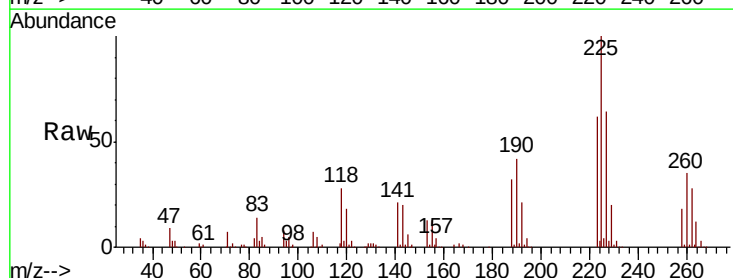


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
1000000
Ion 65.00 (64.70 to 65.70): BF1
800000
Ion 92.00 (91.70 to 92.70): BF1
600000
400000
200000
0

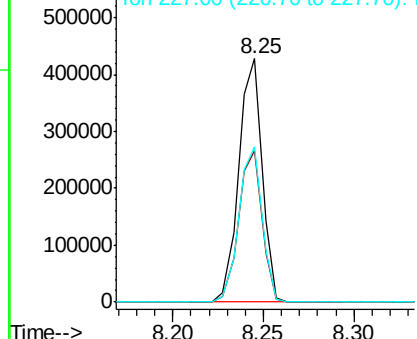
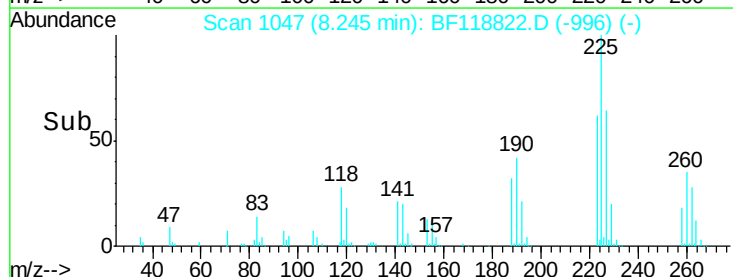


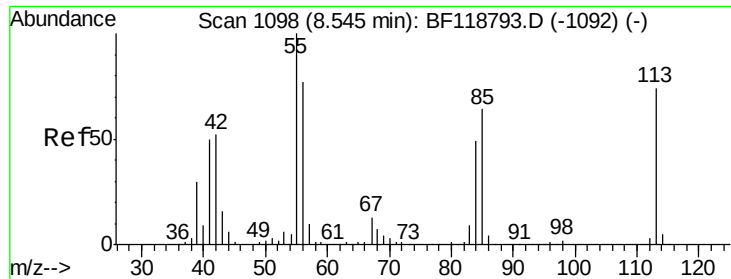
#34
Hexachlorobutadiene
Concen: 40.707 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:	225	Resp:	382846
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	63.9	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
400000
Ion 227.00 (226.70 to 227.70): E
300000
200000
100000
0

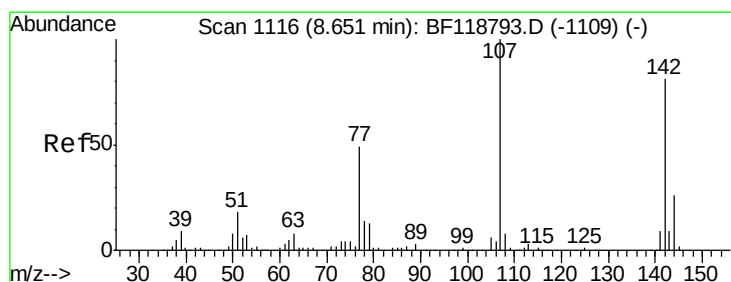
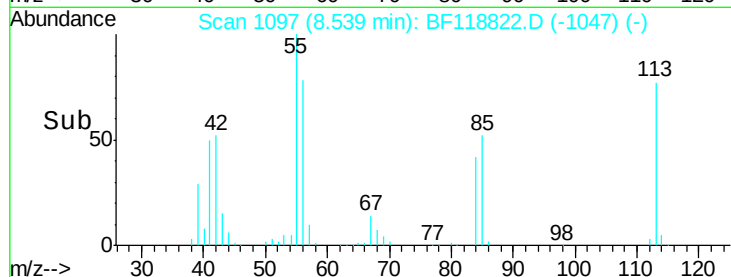
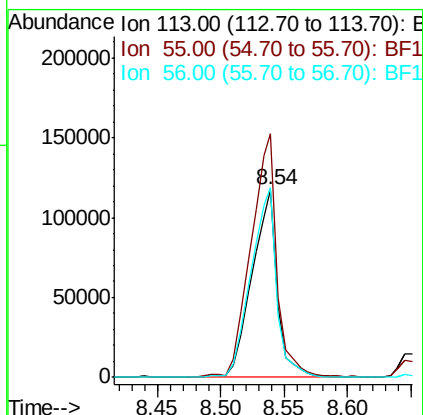
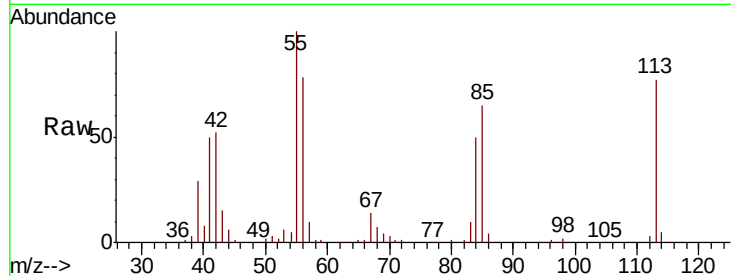




#35
 Caprolactam
 Concen: 38.526 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

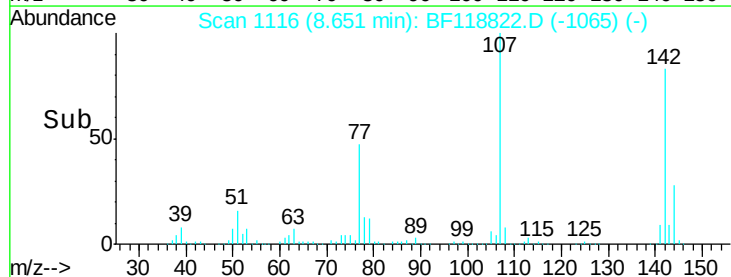
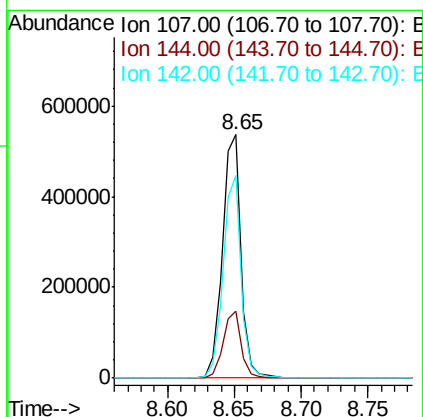
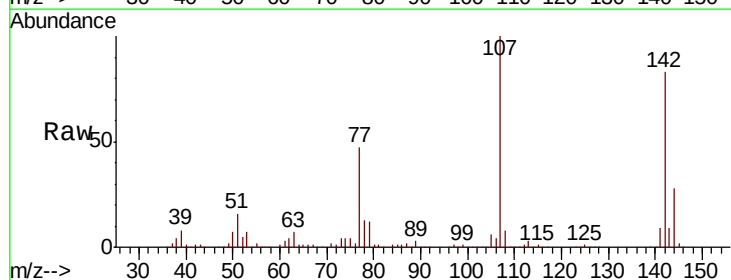
Instrument :
 BNA_F
 ClientSampleId :

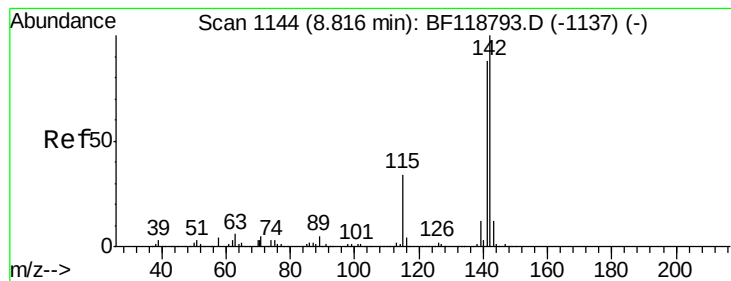
Tot Ion:113 Resp: 164025
 Ion Ratio Lower Upper
 113 100
 55 130.0 115.5 155.5
 56 101.5 83.7 123.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.037 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion:107 Resp: 529174
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.0 31.6
 142 83.2 64.8 97.2

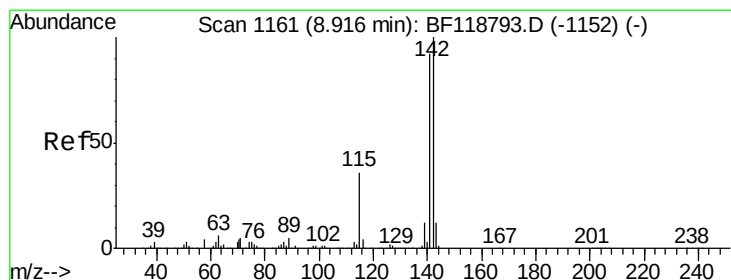
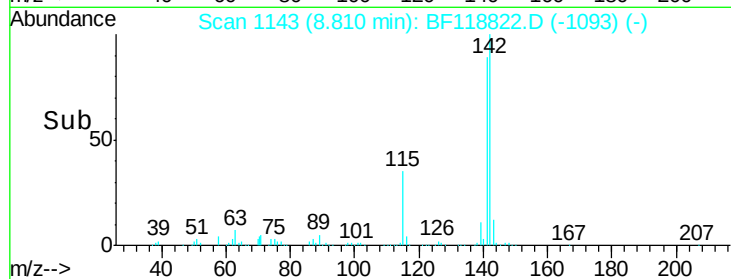
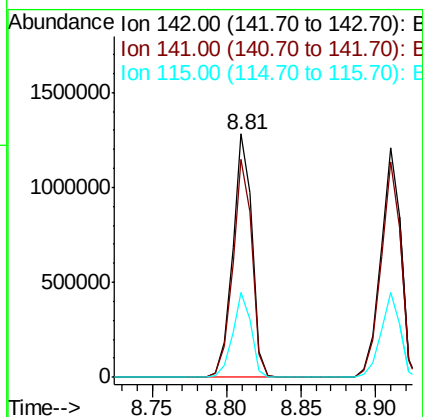
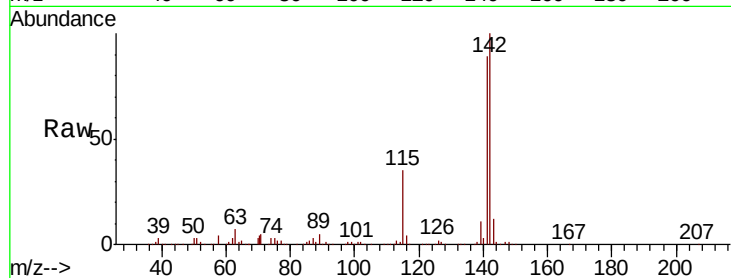




#37
2-Methylnaphthalene
Concen: 40.575 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

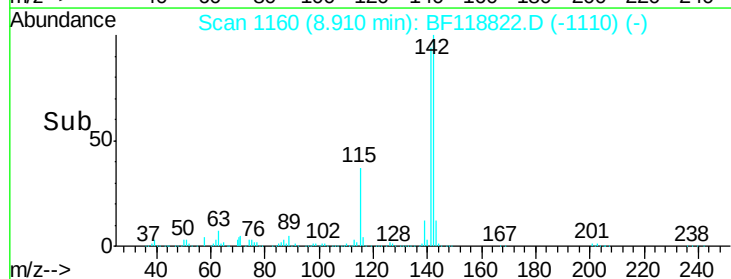
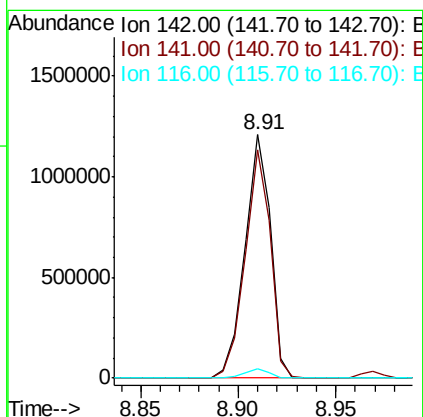
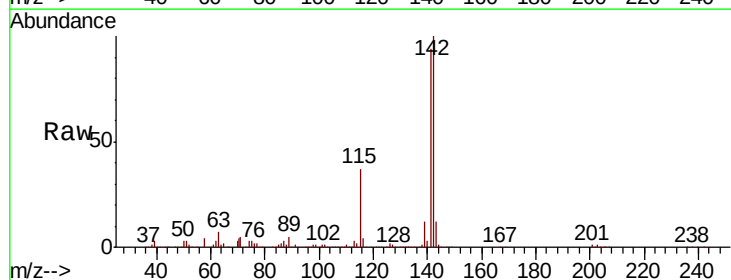
Instrument :
BNA_F
ClientSampleId :

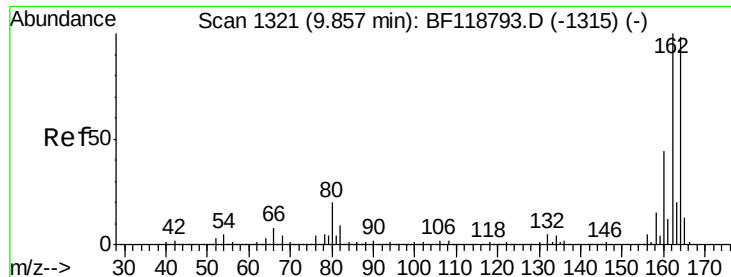
Tot Ion:142 Resp: 1163421
Ion Ratio Lower Upper
142 100
141 89.5 70.1 105.1
115 34.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.633 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:142 Resp: 1096019
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.6
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

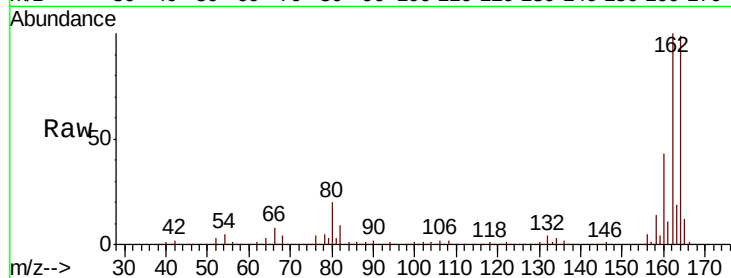
Tot Ion:164 Resp: 529750

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.2

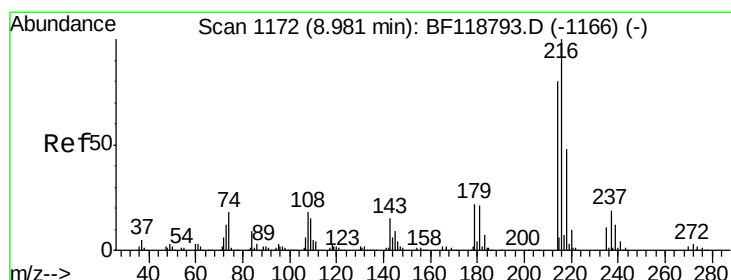
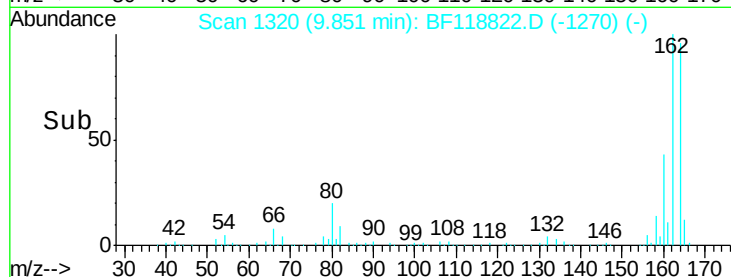
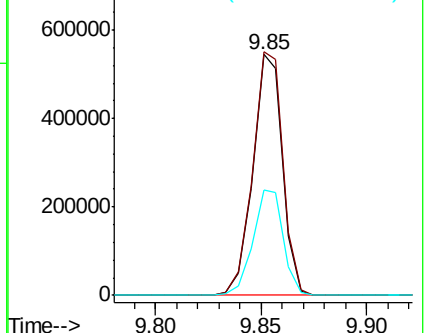
160 43.6 35.6 53.4



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: 39.372 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Tgt Ion:216 Resp: 629485

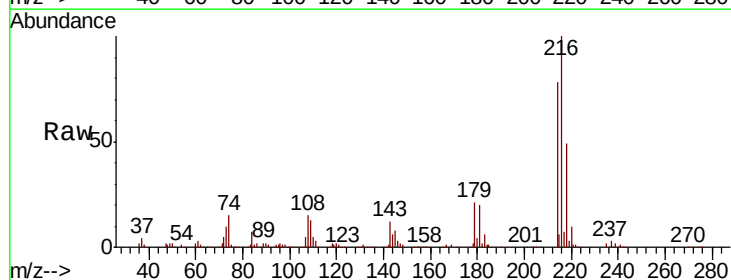
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 21.3 17.0 25.6

108 16.6 13.5 20.3

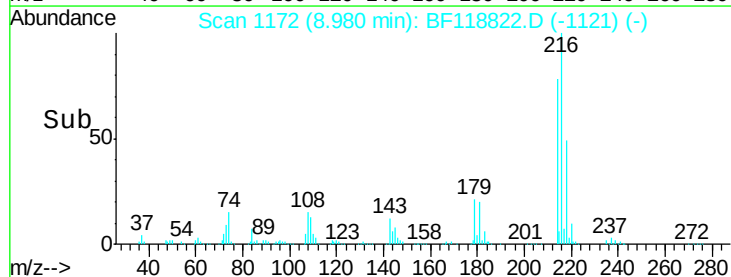
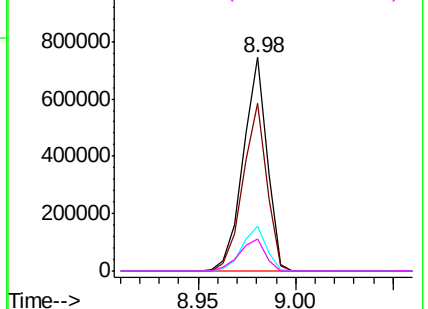


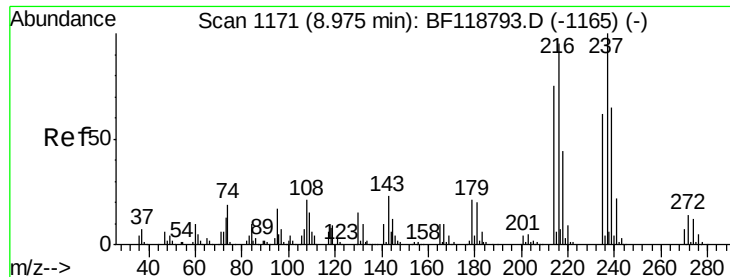
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.846 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118822.D

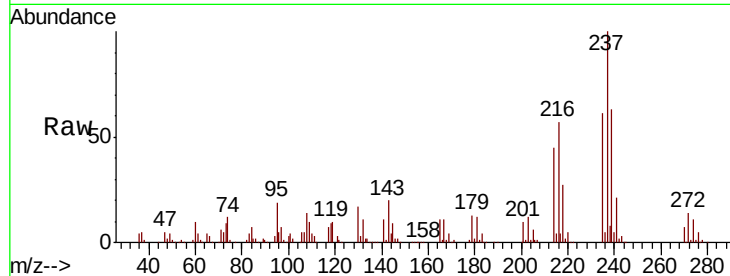
Acq: 5 Feb 2020 11:08

Instrument :

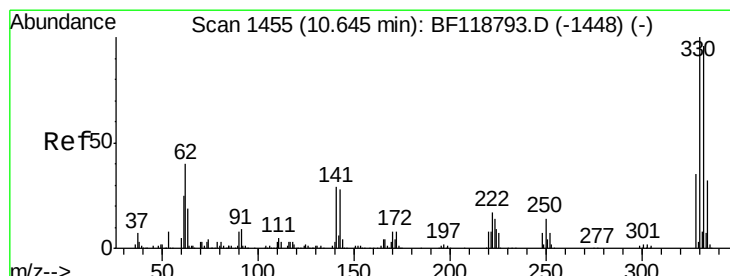
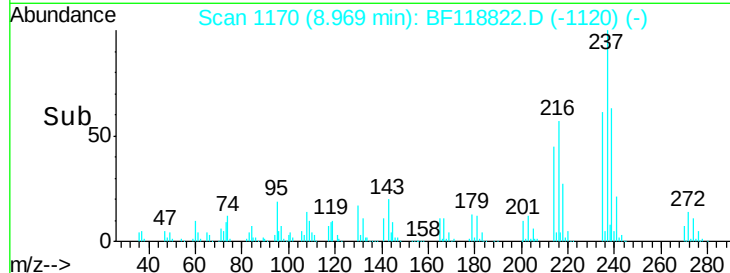
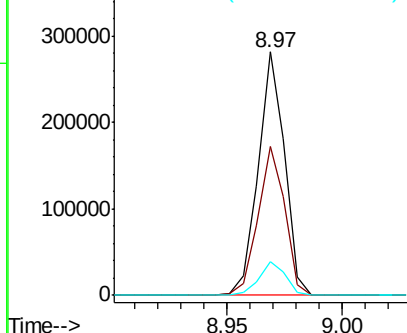
BNA_F

ClientSampleId :

Tot Ion:	237	Resp:	224725
Ion Ratio	Lower	Upper	
237	100		
235	61.1	42.1	82.1
272	13.8	0.0	34.4



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: 79.921 ng

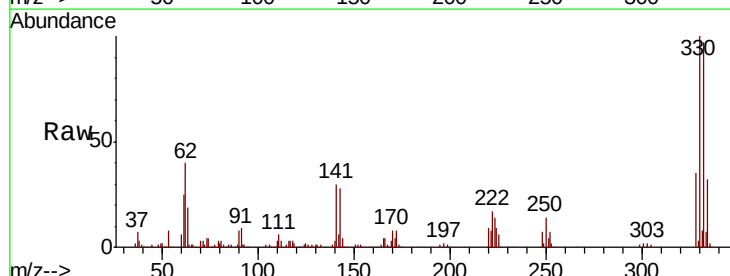
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

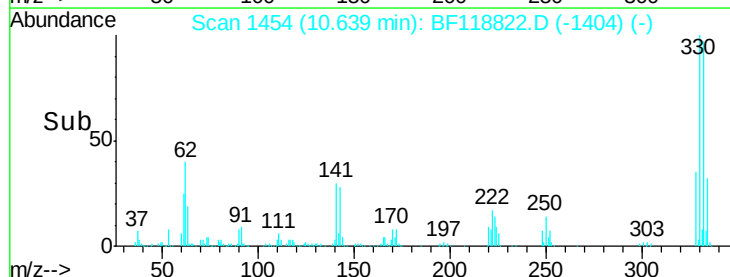
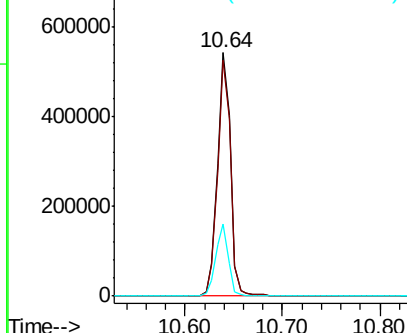
Lab File: BF118822.D

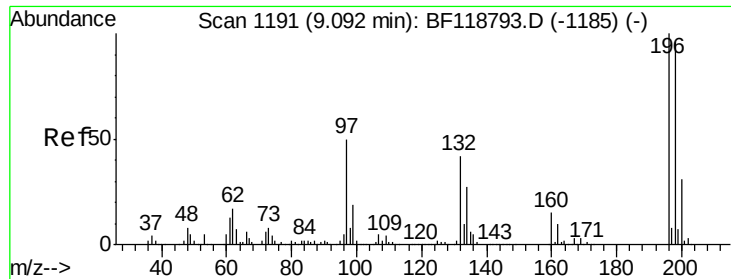
Acq: 5 Feb 2020 11:08

Tgt Ion:	330	Resp:	506590
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	28.3	22.4	33.6



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

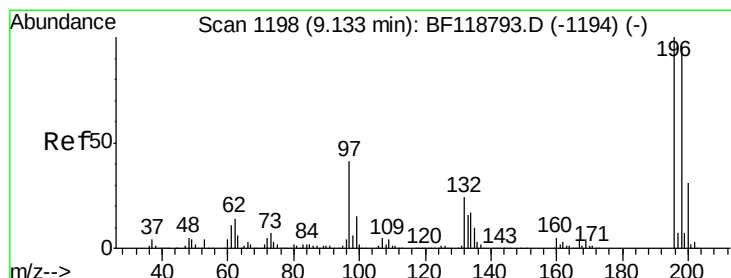
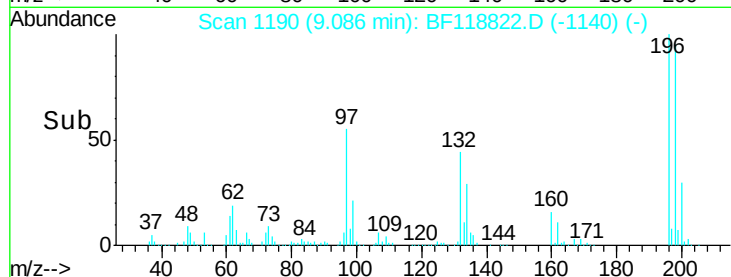
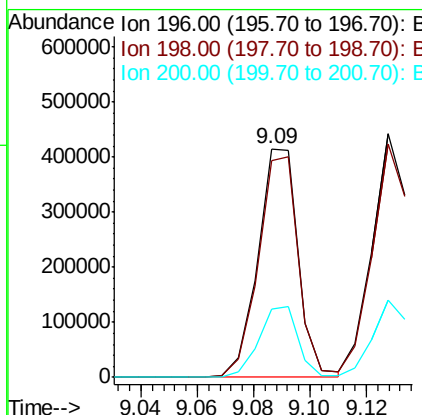
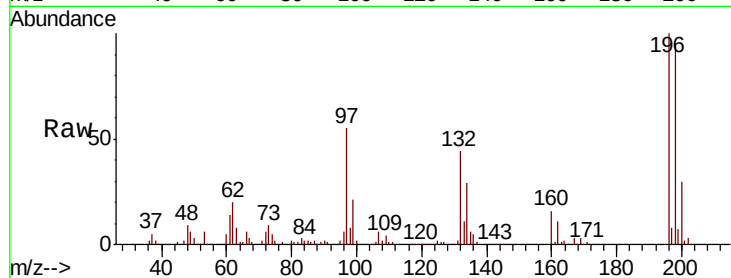




#43
 2,4,6-Trichlorophenol
 Concen: 38.416 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

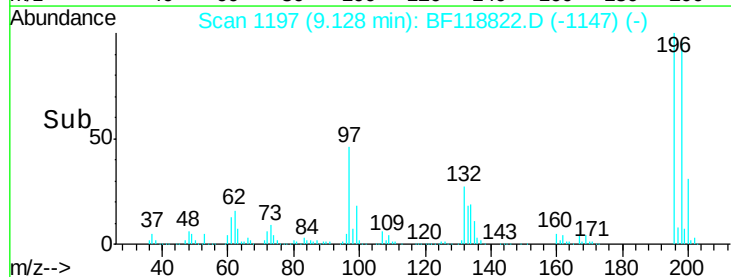
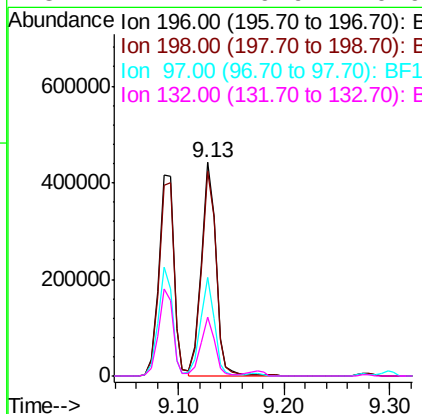
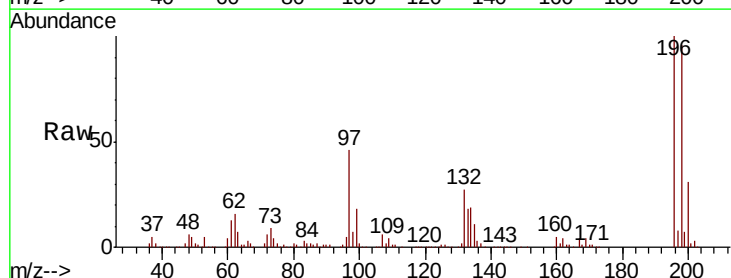
Instrument :
 BNA_F
 ClientSampled :

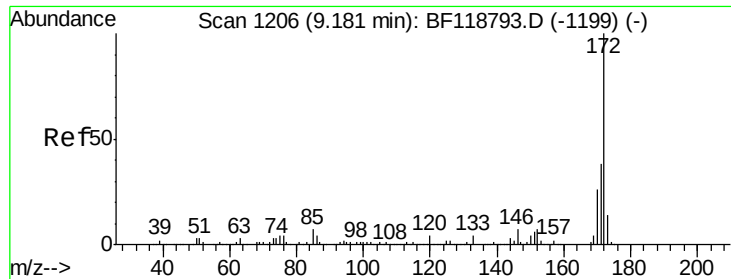
Tot Ion	196	Resp	410725
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.7	115.1
200	30.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.357 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion	196	Resp	419026
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.0	115.4
97	46.3	32.9	49.3
132	27.4	19.9	29.9

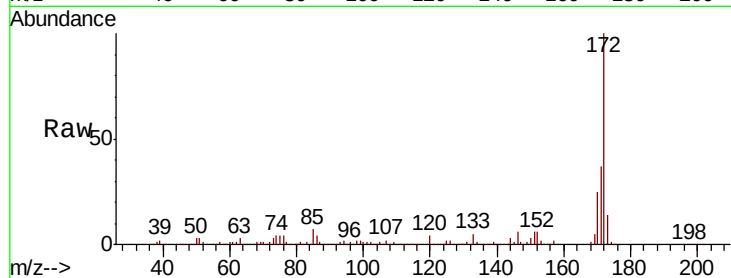




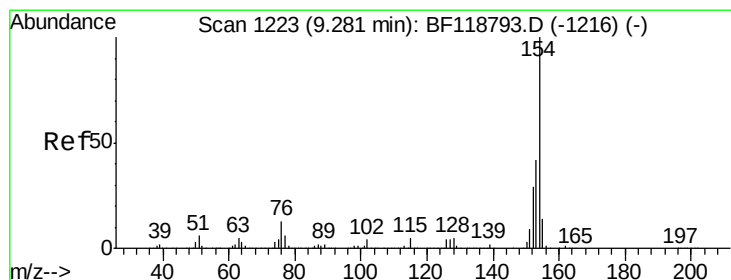
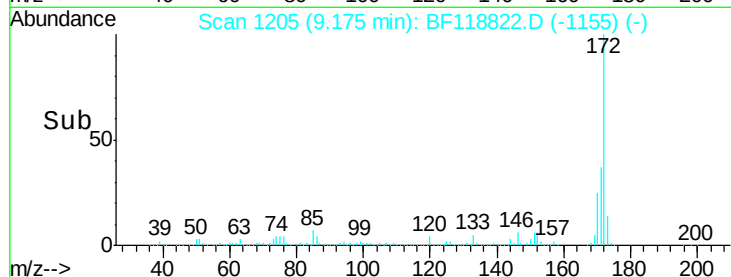
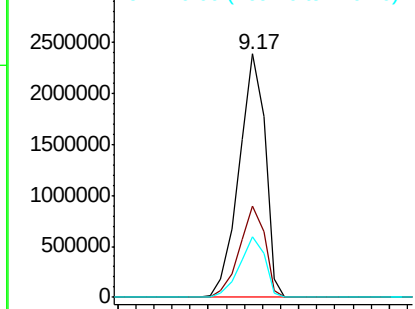
#45
2-Fluorobiphenyl
Concen: 80.637 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2389533
Ion Ratio Lower Upper
172 100
171 37.5 30.8 46.2
170 24.8 20.5 30.7

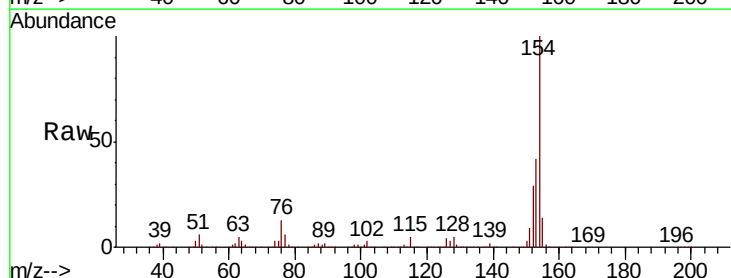


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

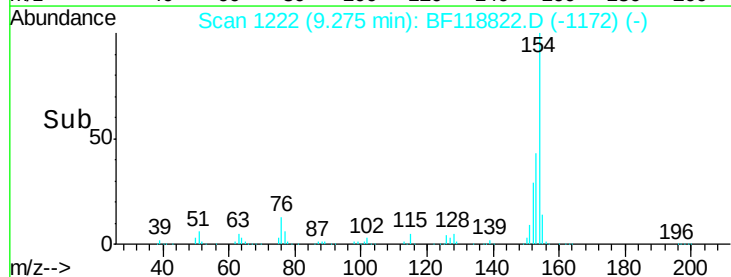
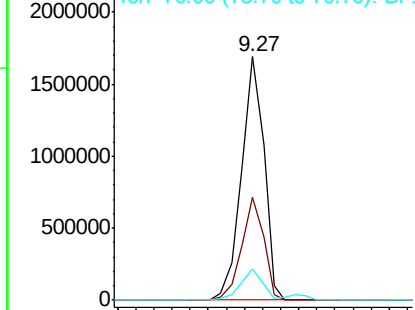


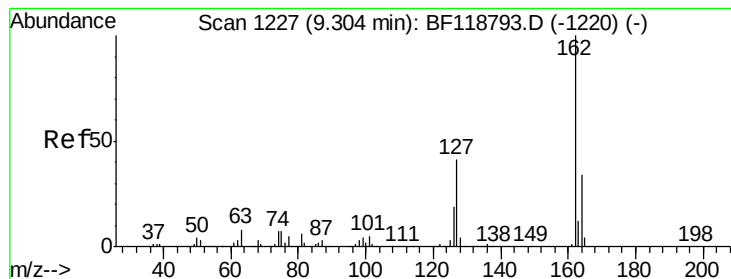
#46
1,1'-Biphenyl
Concen: 39.769 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:154 Resp: 1457337
Ion Ratio Lower Upper
154 100
153 42.4 22.4 62.4
76 12.8 0.0 32.7



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: 39.677 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

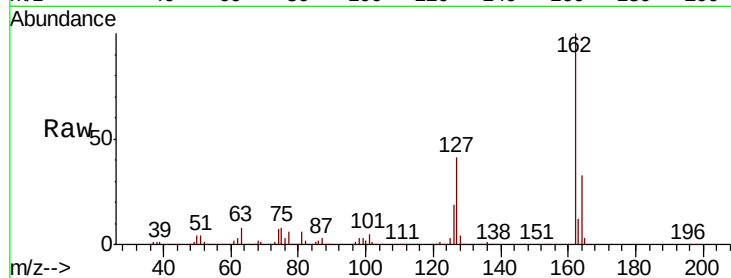
Tot Ion:162 Resp: 1208727

Ion Ratio Lower Upper

162 100

127 40.7 33.3 49.9

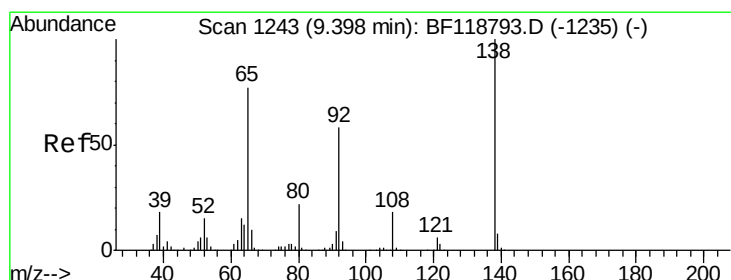
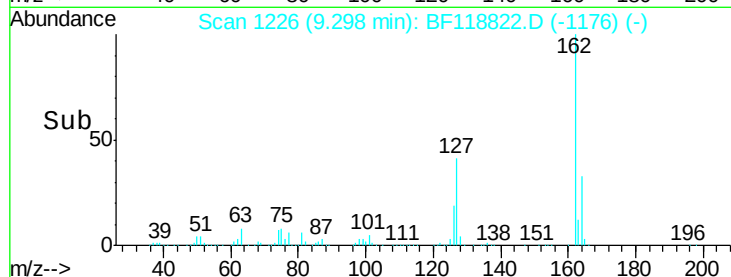
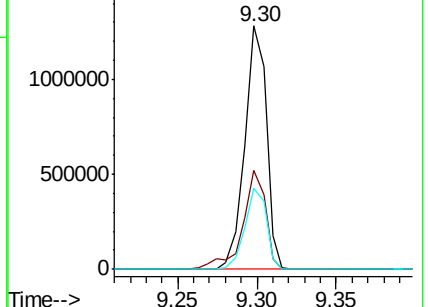
164 33.4 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.985 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

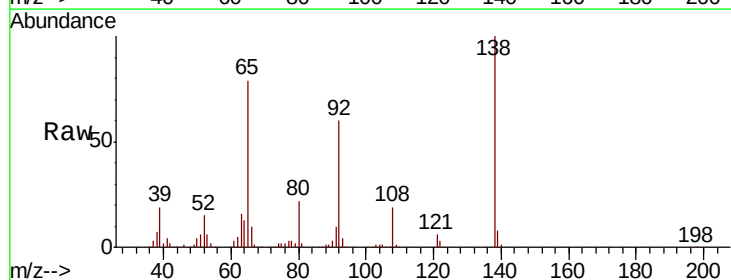
Tgt Ion: 65 Resp: 333756

Ion Ratio Lower Upper

65 100

92 75.4 60.6 91.0

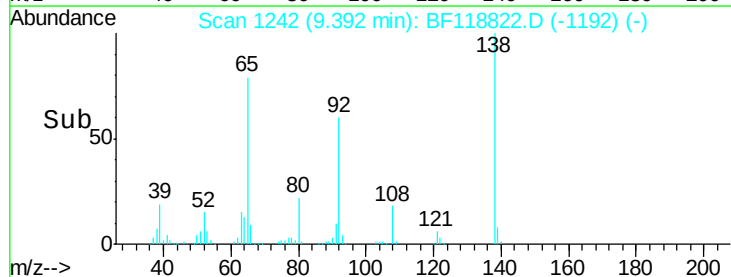
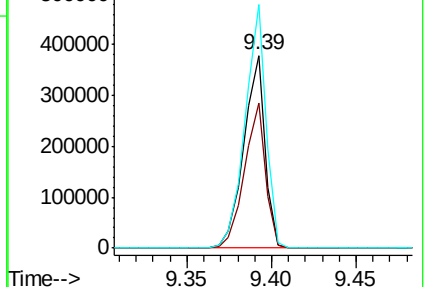
138 126.4 104.6 156.8

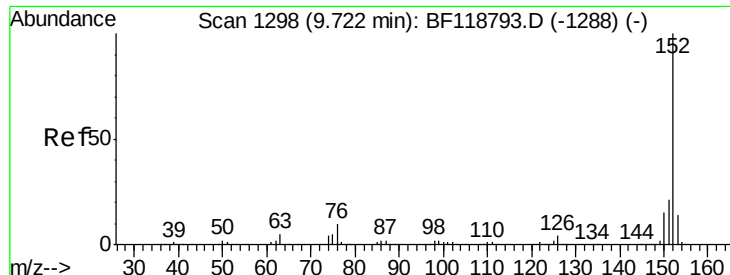


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.034 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

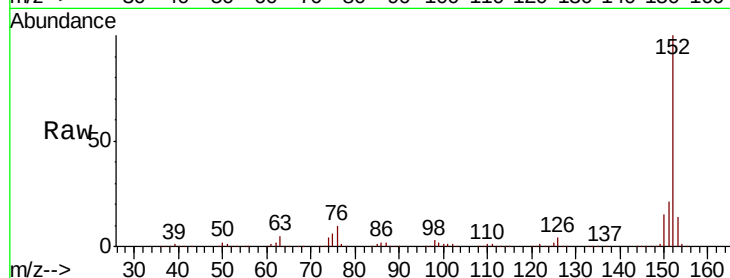
Tot Ion:152 Resp: 1804927

Ion Ratio Lower Upper

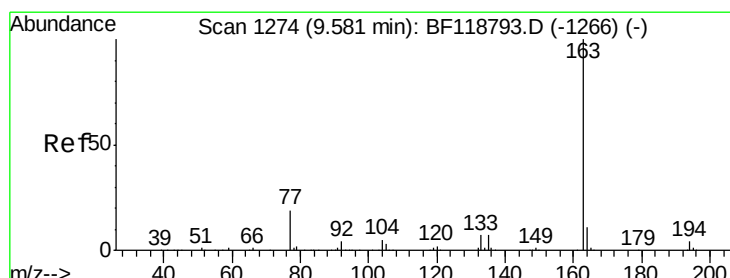
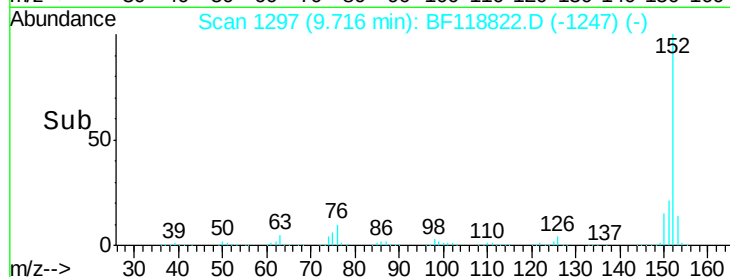
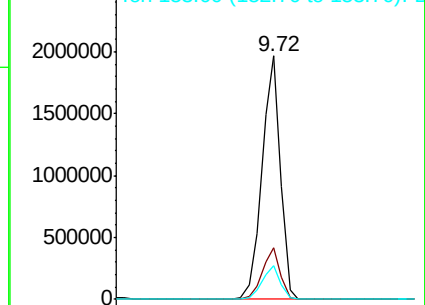
152 100

151 21.1 17.1 25.7

153 13.9 11.0 16.4



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: 40.145 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

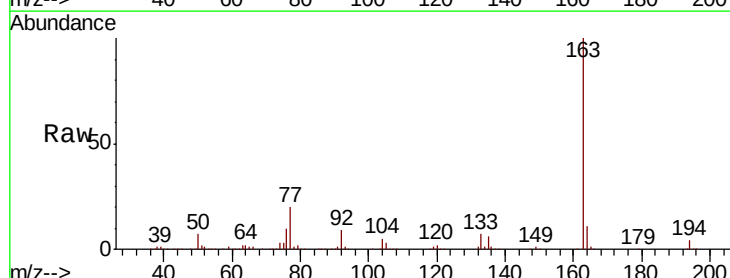
Tgt Ion:163 Resp: 1448068

Ion Ratio Lower Upper

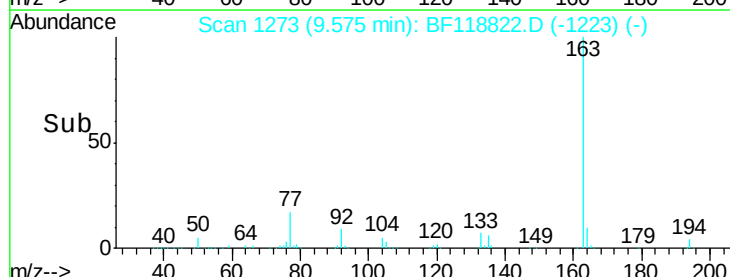
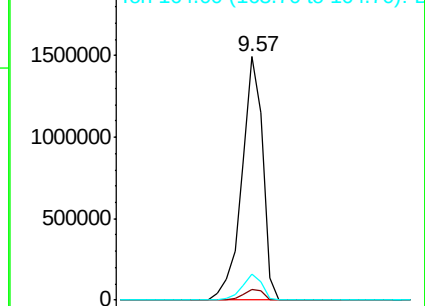
163 100

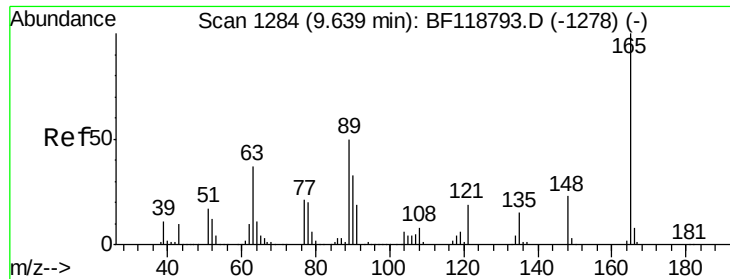
194 4.4 3.6 5.4

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

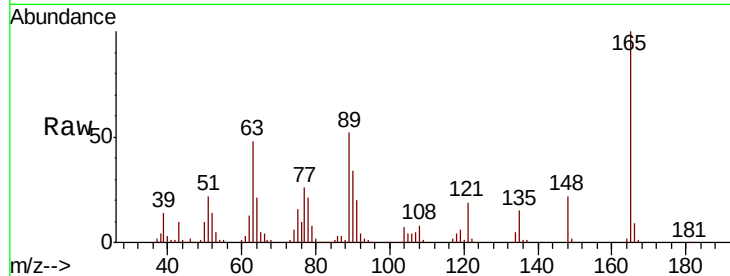




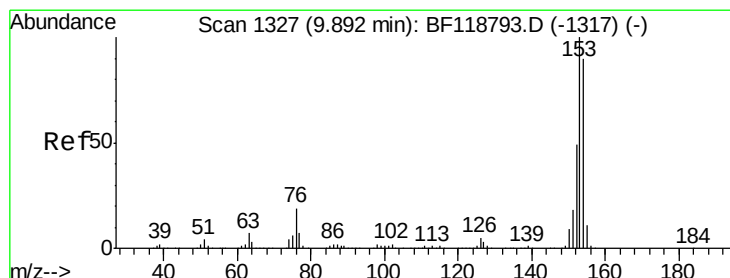
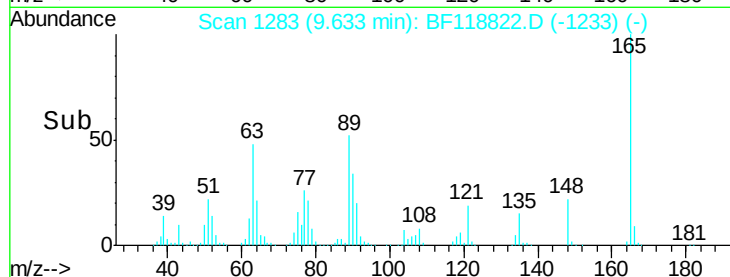
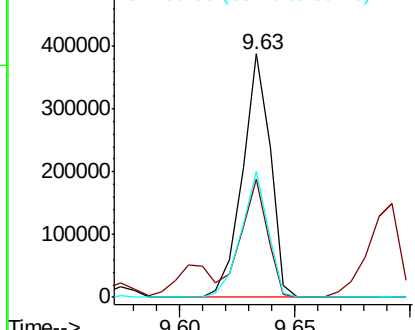
#51
2,6-Dinitrotoluene
Concen: 39.697 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 327634
Ion Ratio Lower Upper
165 100
63 48.5 37.4 56.0
89 51.9 39.7 59.5

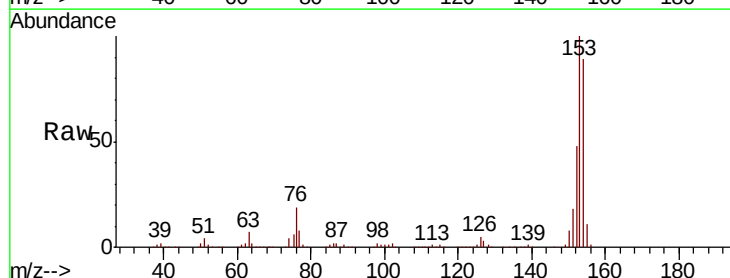


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

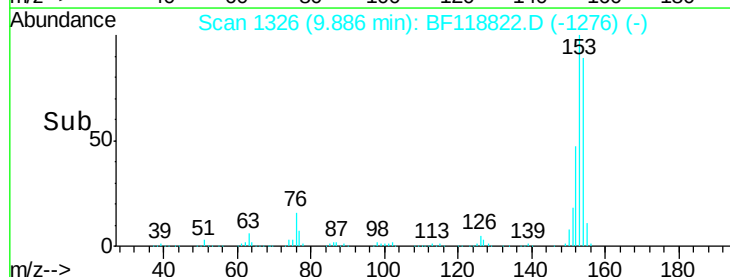
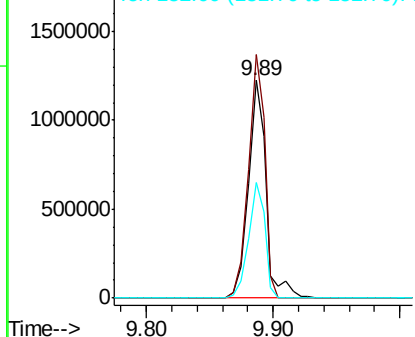


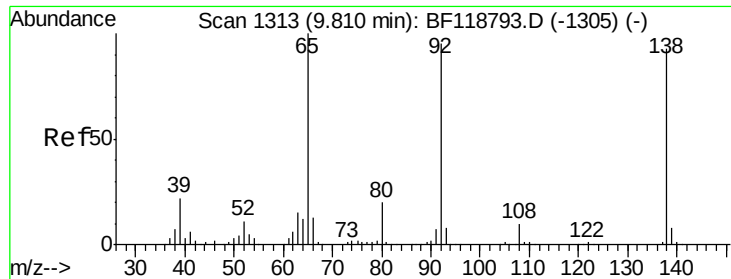
#52
Acenaphthene
Concen: 40.746 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:154 Resp: 1181041
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 53.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

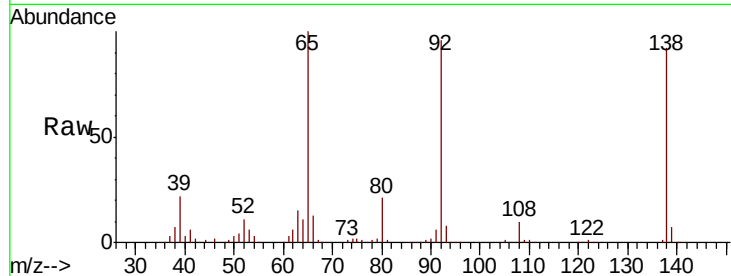




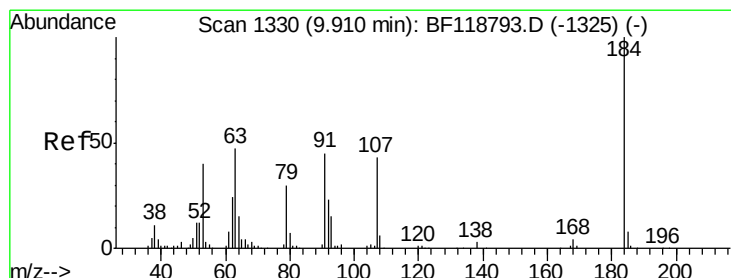
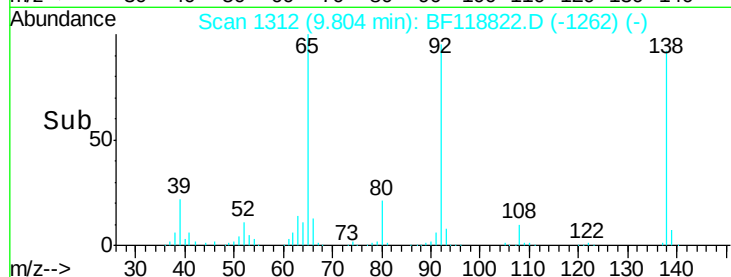
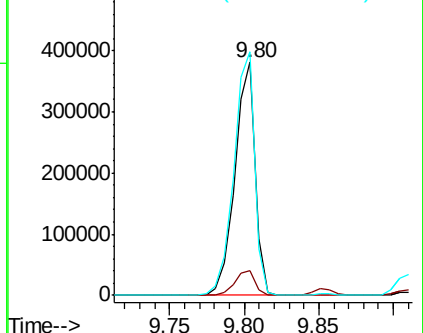
#53
3-Nitroaniline
Concen: 39.905 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 365266
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 104.4 82.2 123.4

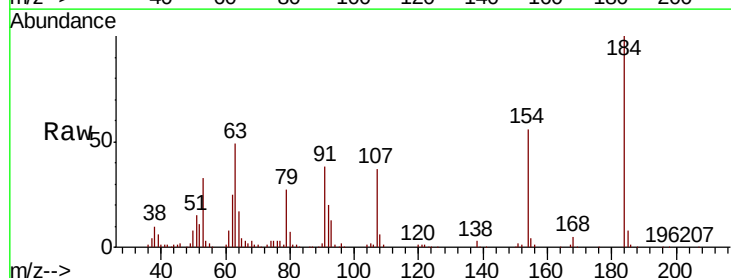


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

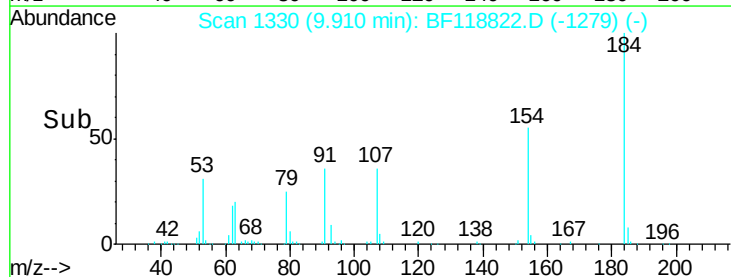
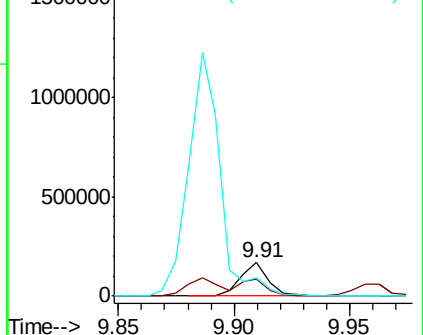


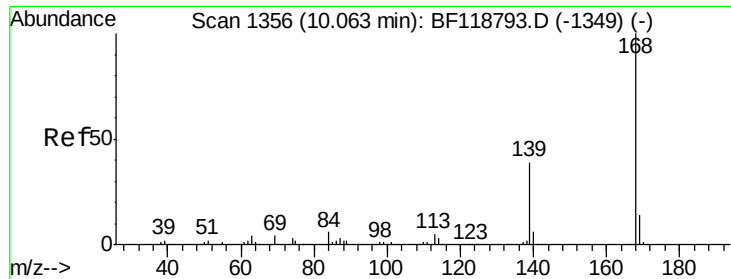
#54
2,4-Dinitrophenol
Concen: 37.123 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:184 Resp: 147294
Ion Ratio Lower Upper
184 100
63 49.4 47.5 71.3
154 55.6 48.6 72.8



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

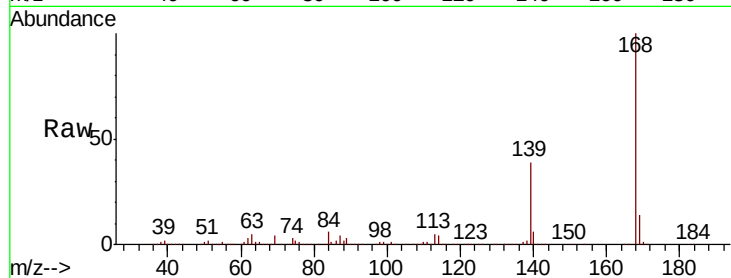




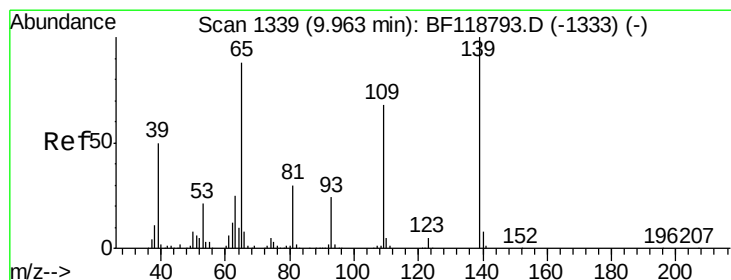
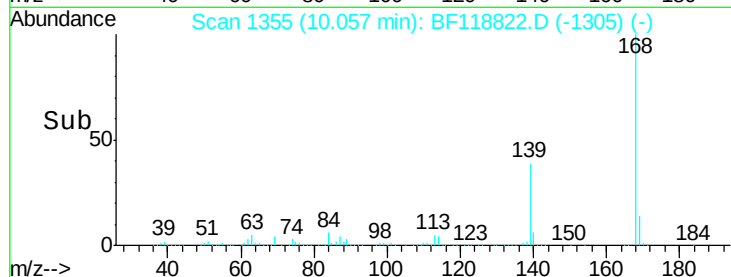
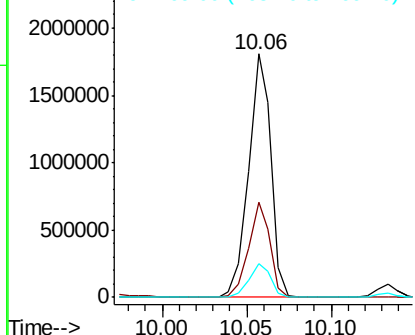
#55
Dibenzofuran
Concen: 39.749 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1665024
Ion Ratio Lower Upper
168 100
139 39.0 31.6 47.4
169 14.0 11.4 17.2

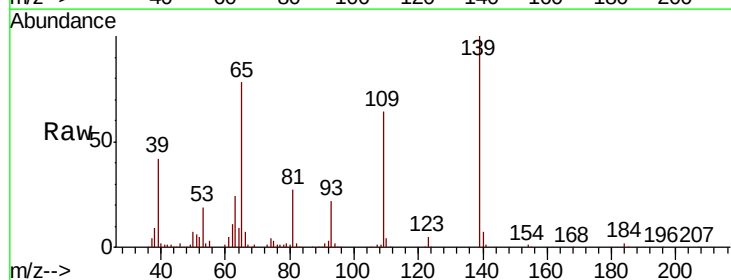


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

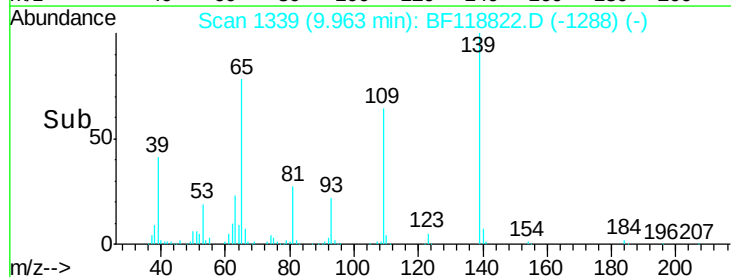
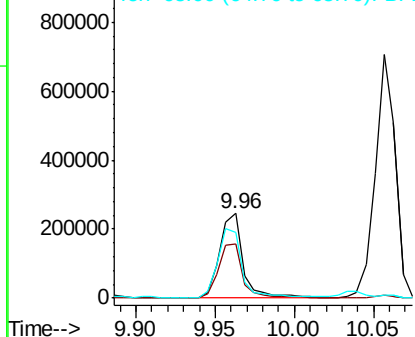


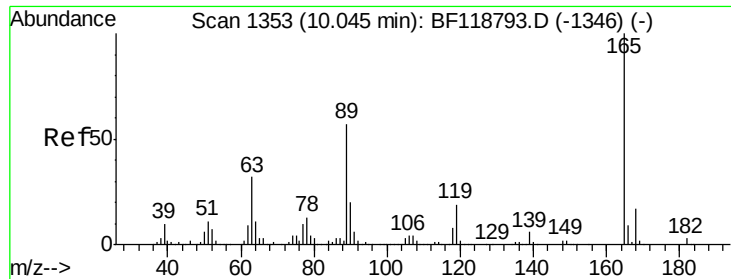
#56
4-Nitrophenol
Concen: 38.358 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:139 Resp: 254107
Ion Ratio Lower Upper
139 100
109 63.8 48.0 88.0
65 78.1 68.3 108.3



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

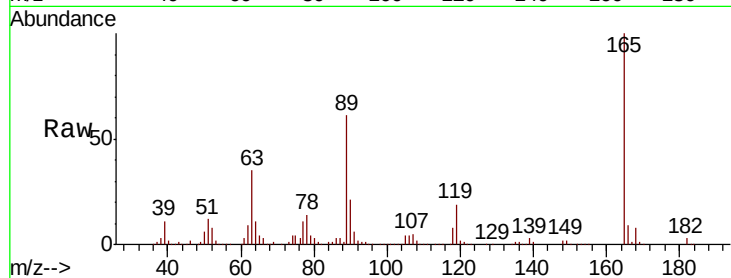




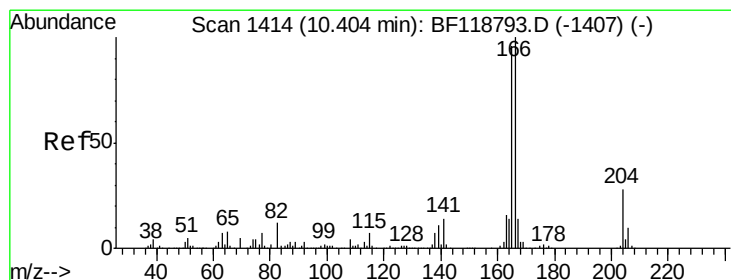
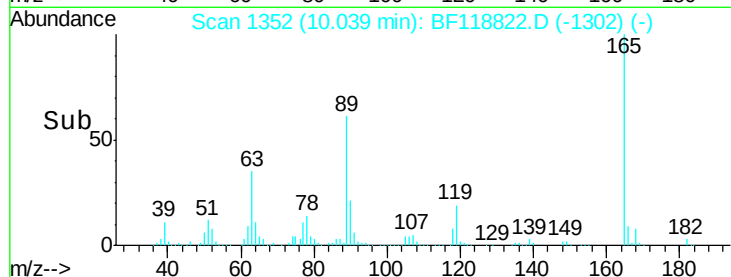
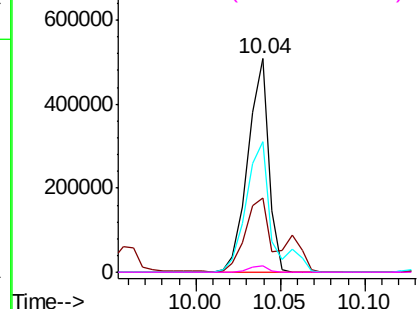
#57
2,4-Dinitrotoluene
Concen: 40.251 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	25.5	38.3
89	61.0	45.4	68.0
182	3.1	2.4	3.6

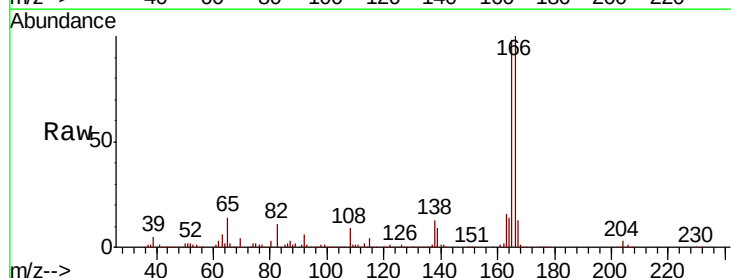


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

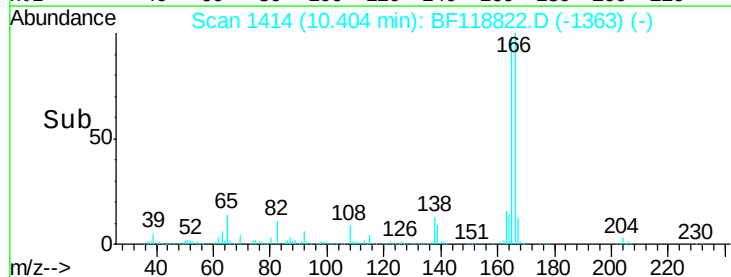
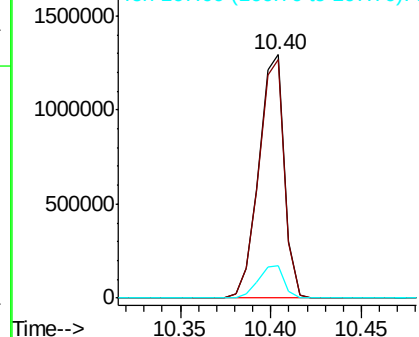


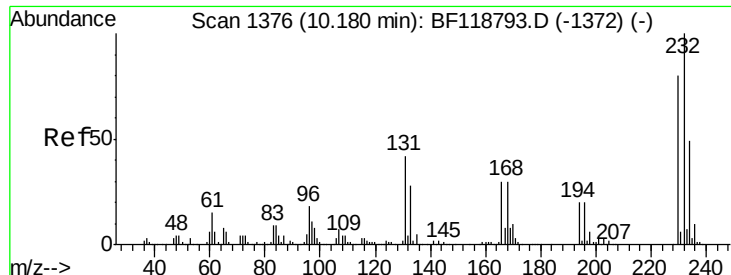
#58
Fluorene
Concen: 40.216 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.0	115.6
167	13.5	11.1	16.7



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

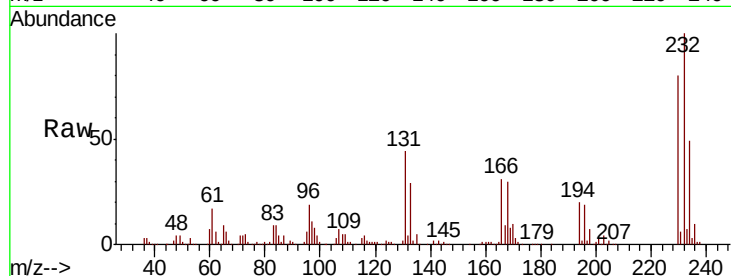




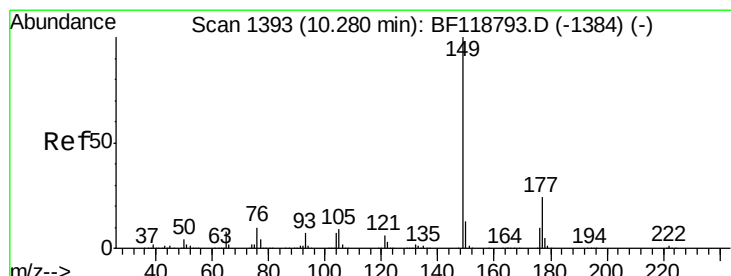
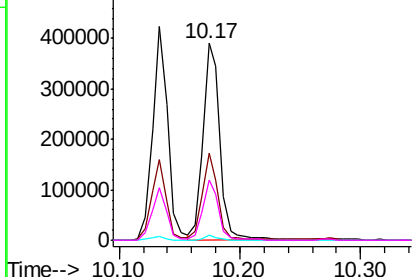
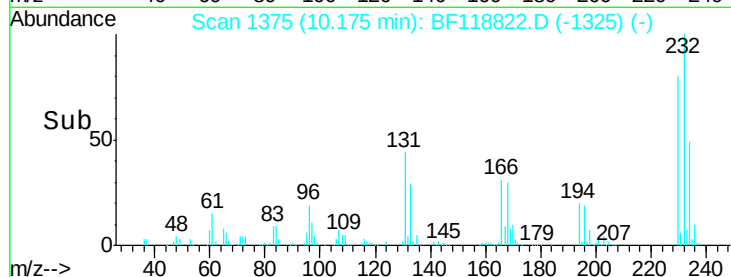
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.596 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 377755
Ion Ratio Lower Upper
232 100
131 40.2 31.8 47.6
130 2.1 1.6 2.4
166 28.5 23.1 34.7

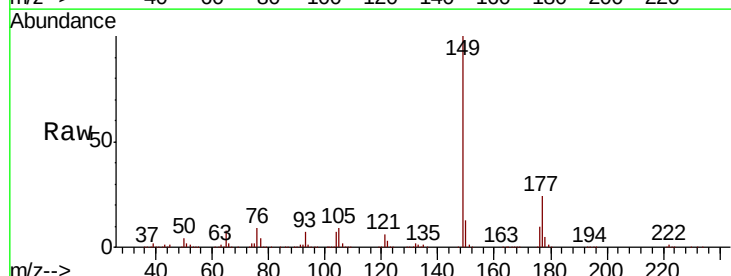


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

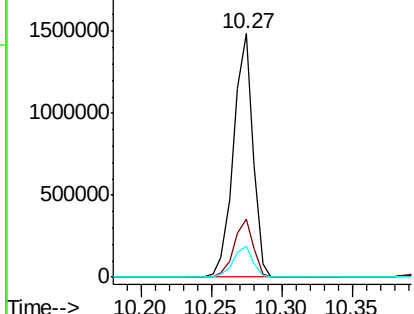
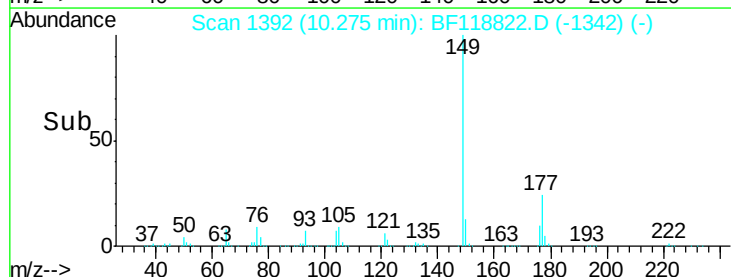


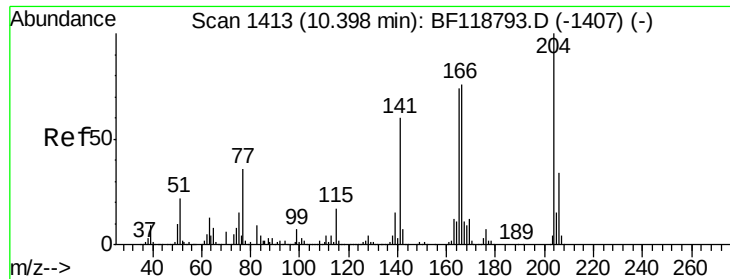
#60
Diethylphthalate
Concen: 40.417 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:149 Resp: 1417620
Ion Ratio Lower Upper
149 100
177 23.9 19.3 28.9
150 12.6 10.4 15.6



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

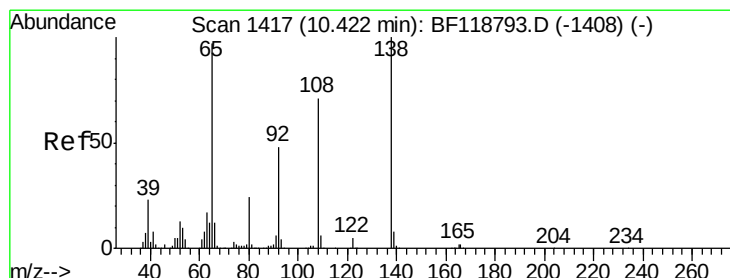
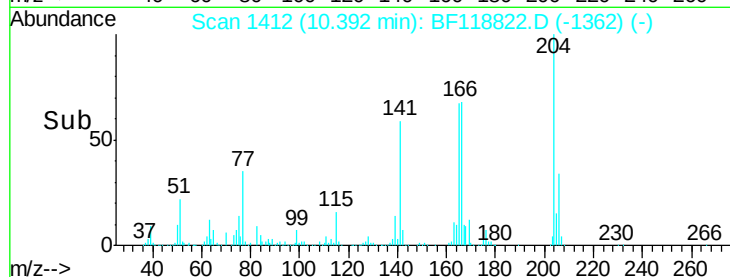
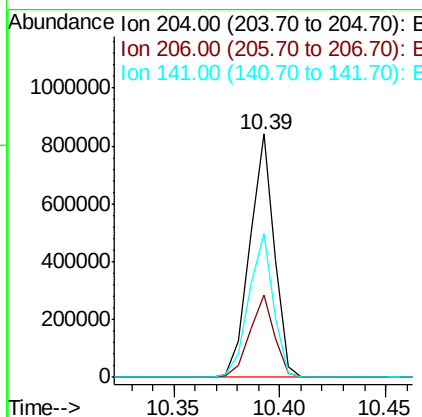
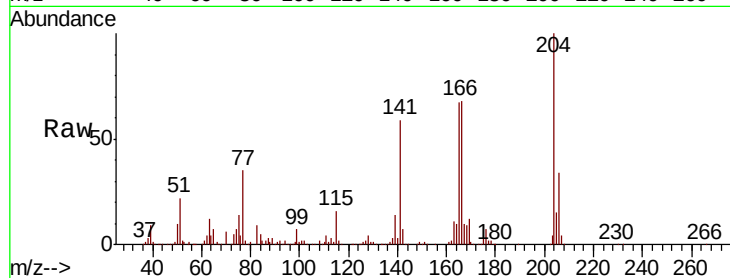




#61
 4-Chlorophenyl-phenylether
 Concen: 39.759 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

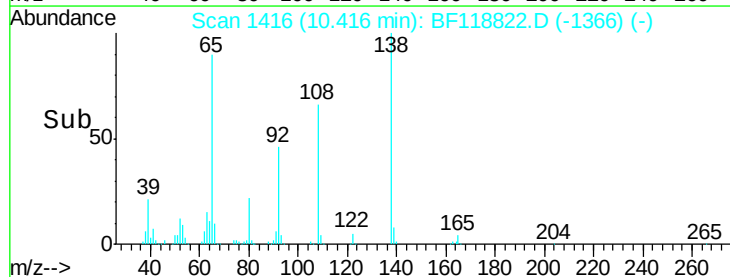
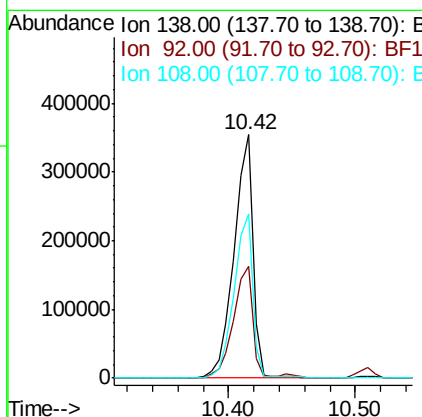
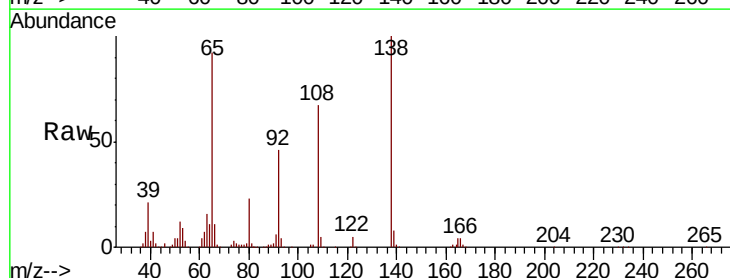
Instrument :
 BNA_F
 ClientSampled :

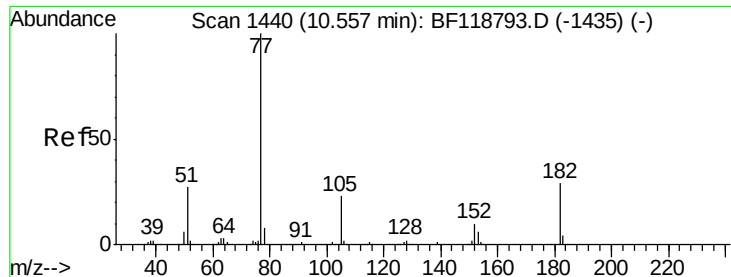
Tot Ion:204 Resp: 679488
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.4 41.2
 141 59.3 47.8 71.6



#62
 4-Nitroaniline
 Concen: 39.789 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion:138 Resp: 364714
 Ion Ratio Lower Upper
 138 100
 92 45.7 27.6 67.6
 108 67.2 51.3 91.3





#63

Azobenzene

Concen: 40.901 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

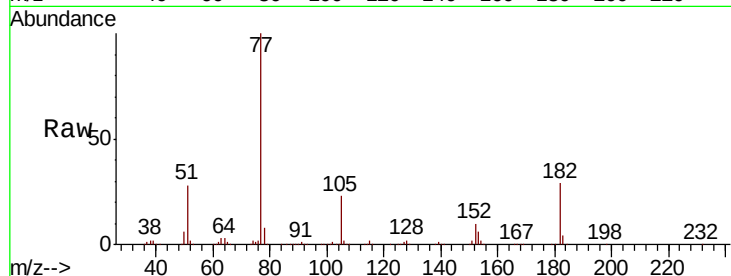
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1224781

Ion	Ratio	Lower	Upper
77	100		
182	29.2	9.2	49.2
105	22.8	3.1	43.1
51	27.5	7.4	47.4

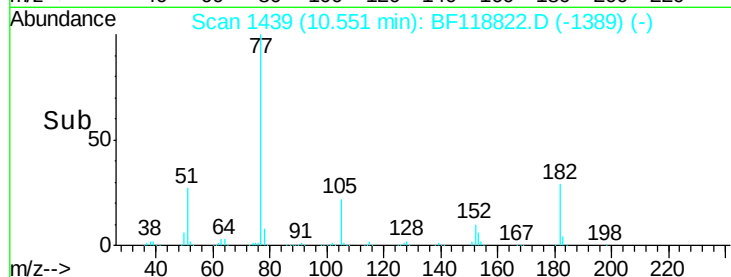


Abundance Ion 77.00 (76.70 to 77.70): BF1

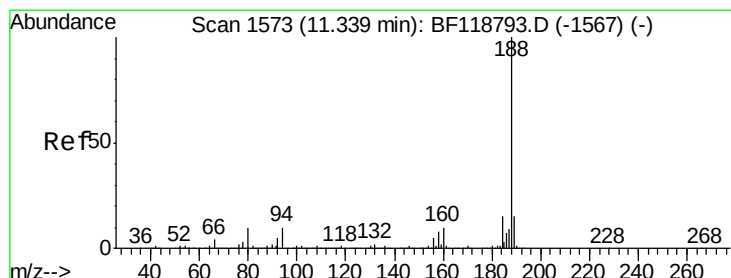
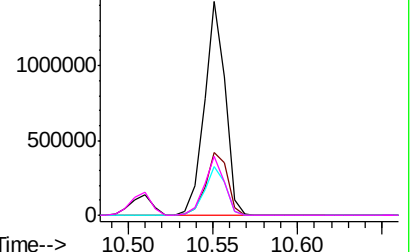
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

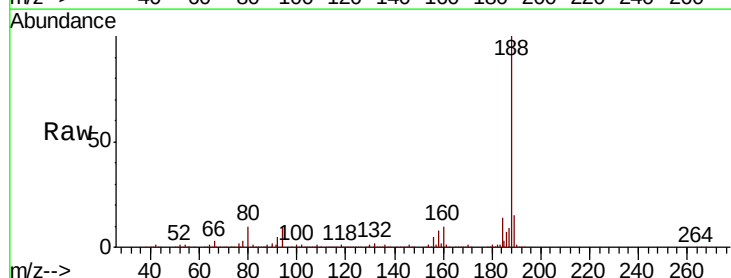
Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Tgt Ion: 188 Resp: 990693

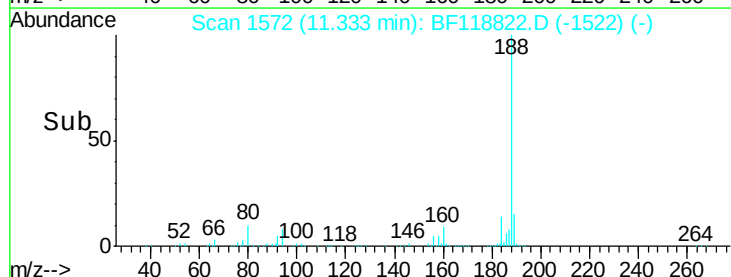
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.2	8.4	12.6



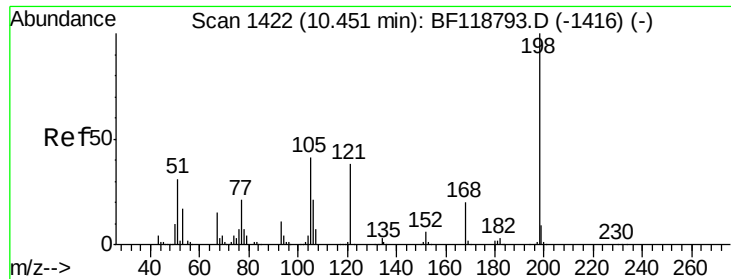
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 38.716 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

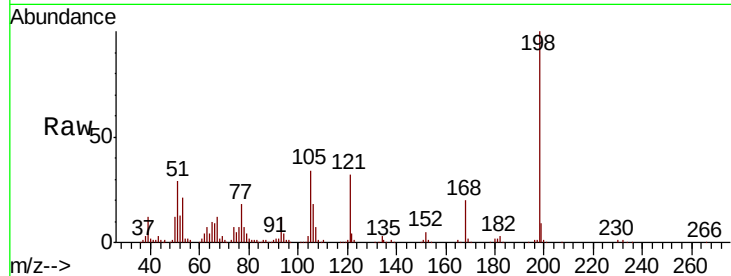
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 215523

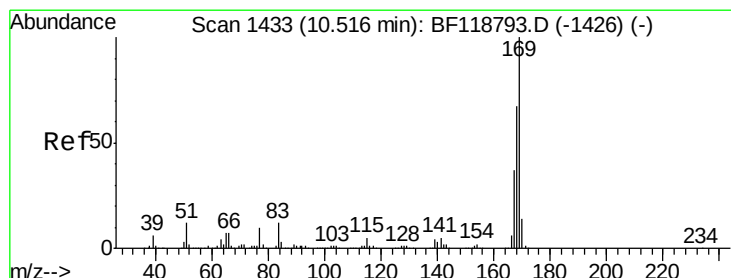
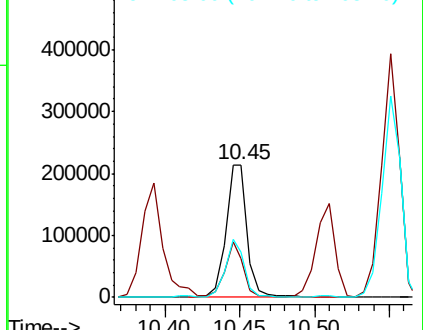
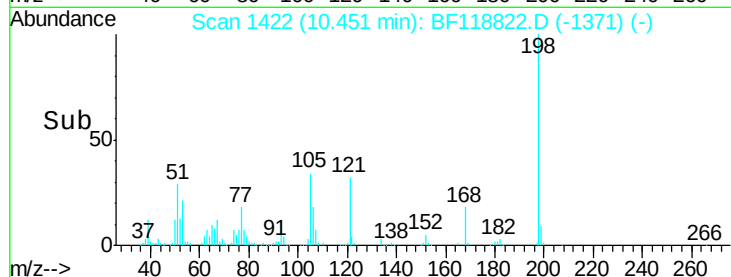
Ion	Ratio	Lower	Upper
198	100		
51	28.9	16.7	56.7
105	33.9	22.0	62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.819 ng

RT: 10.51 min Scan# 1432

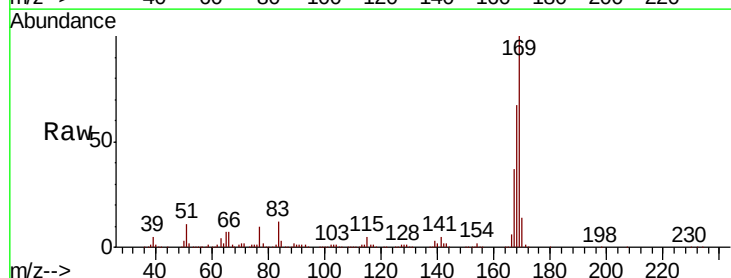
Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Tgt Ion:169 Resp: 1171374

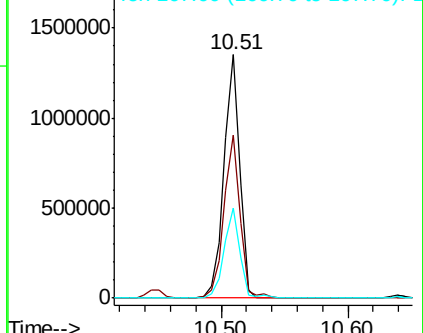
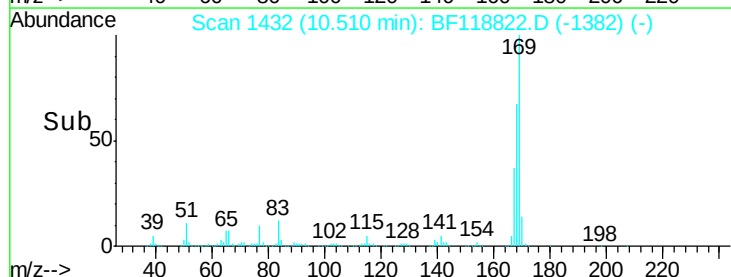
Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.5	80.3
167	36.9	29.3	43.9

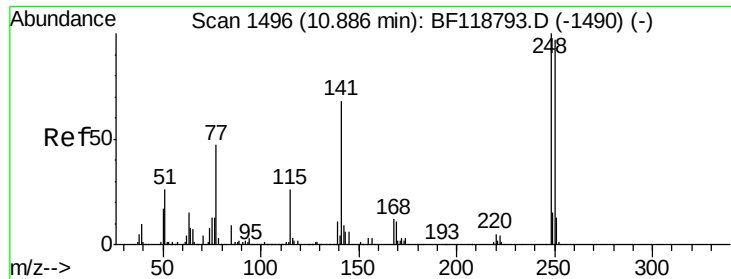


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

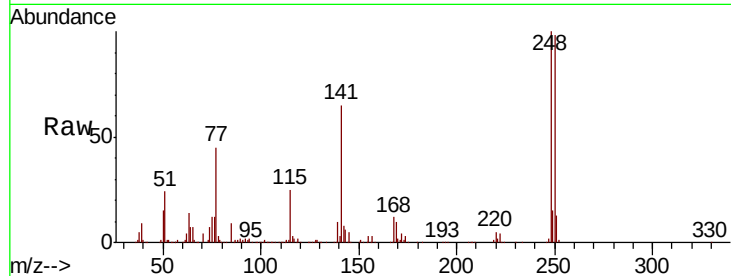




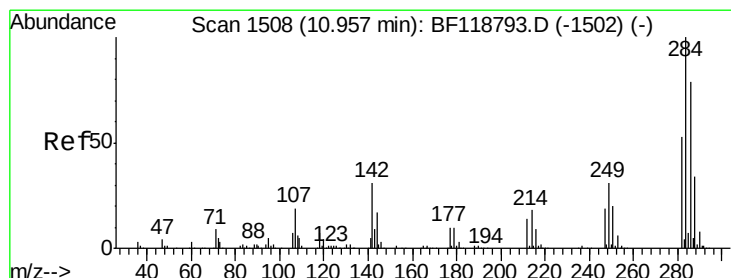
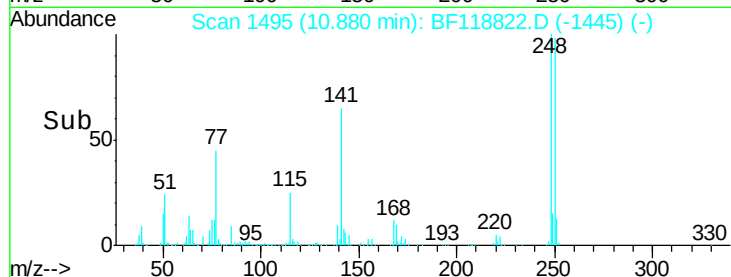
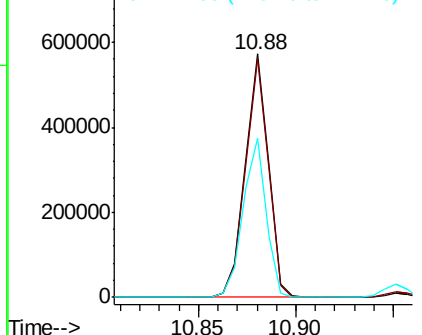
#67
4-Bromophenyl-phenylether
Concen: 40.253 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 471749
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 65.5 54.4 81.6

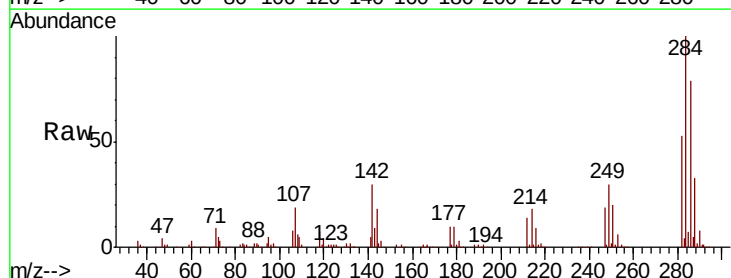


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

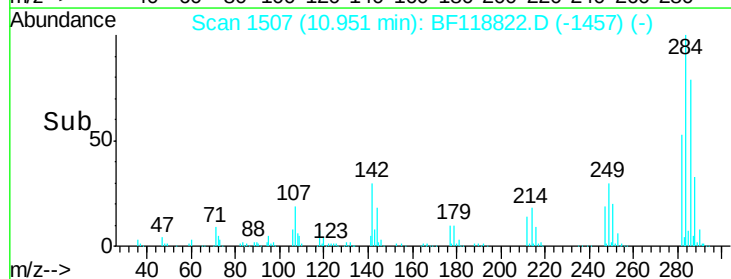
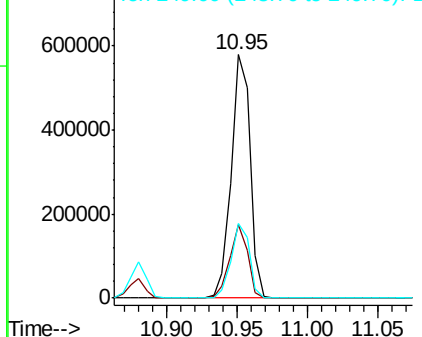


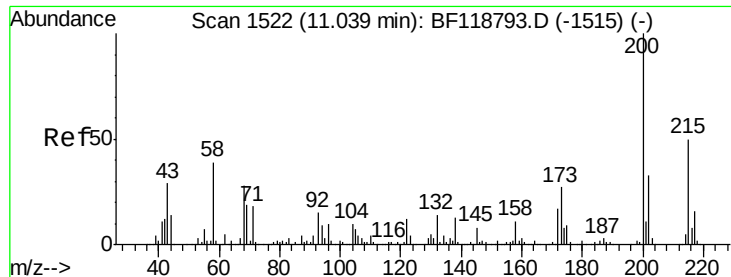
#68
Hexachlorobenzene
Concen: 40.058 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:284 Resp: 538471
Ion Ratio Lower Upper
284 100
142 30.3 24.5 36.7
249 30.5 24.7 37.1



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

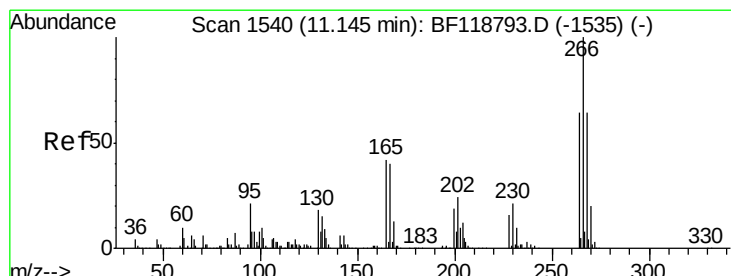
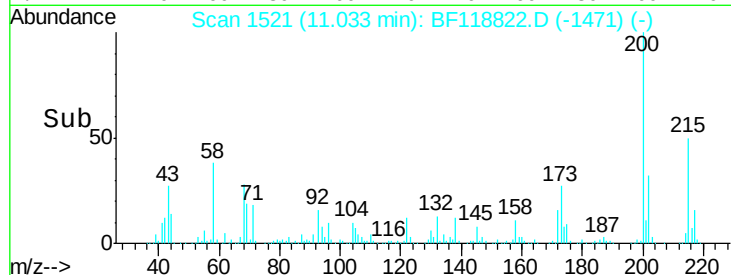
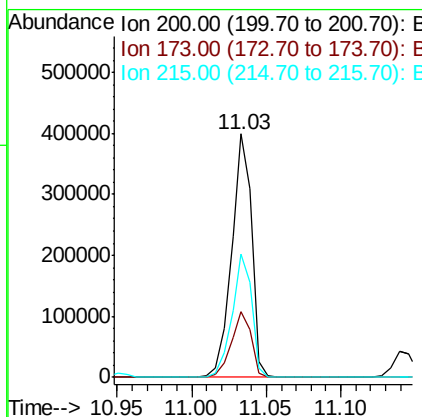
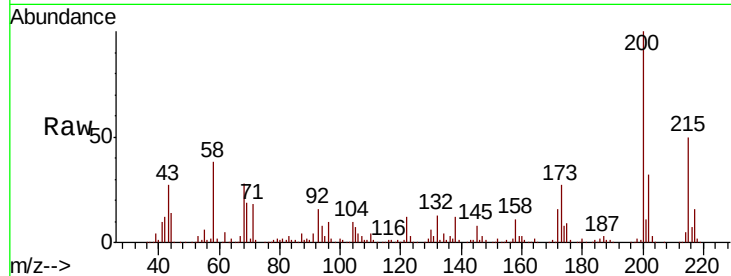




#69
 Atrazine
 Concen: 39.644 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

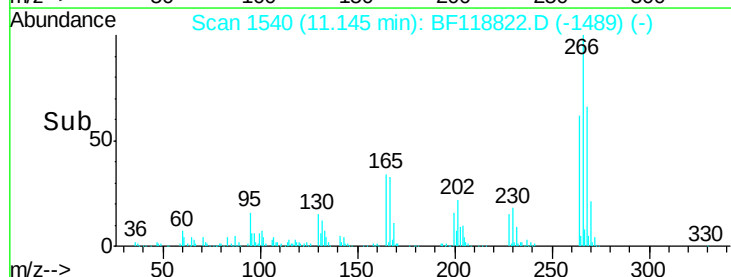
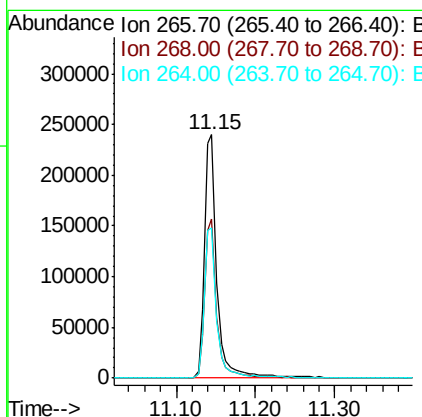
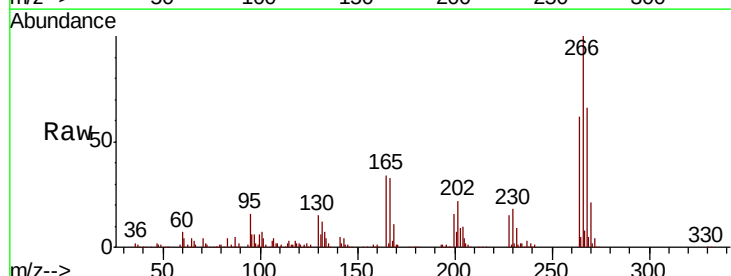
Instrument :
 BNA_F
 ClientSampleId :

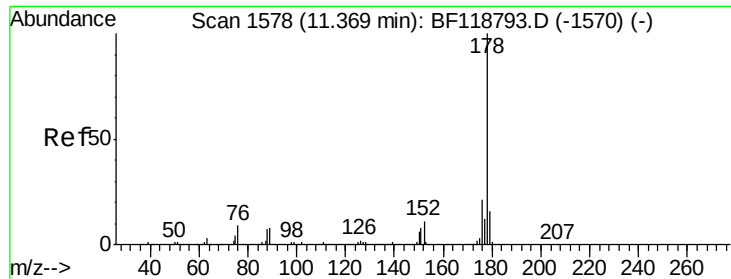
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.5	47.5
215	50.5	29.9	69.9



#70
 Pentachlorophenol
 Concen: 37.603 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.0	76.6
264	61.7	51.4	77.2





#71

Phenanthrene

Concen: 40.078 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

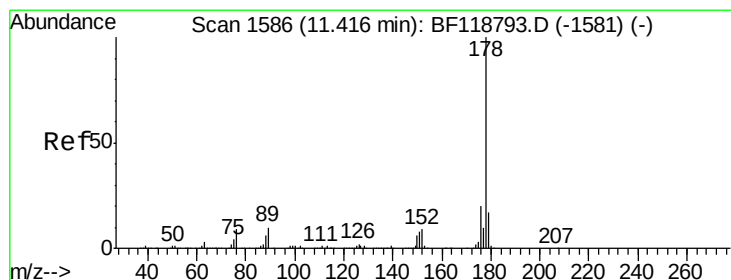
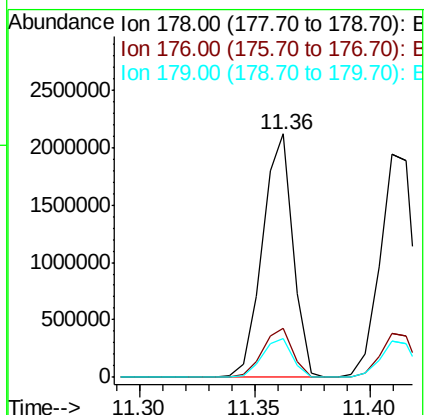
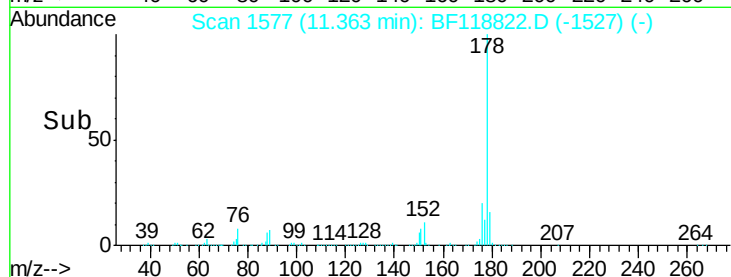
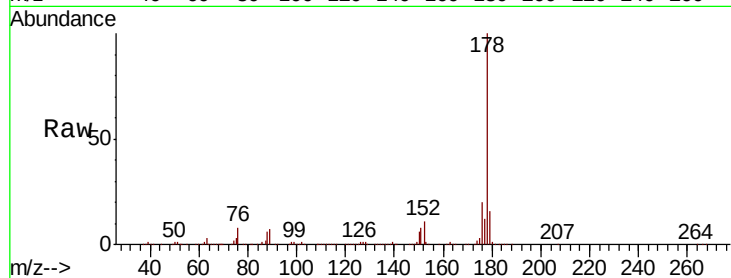
Tot Ion:178 Resp: 1953535

Ion Ratio Lower Upper

178 100

176 20.2 16.6 24.8

179 16.1 13.2 19.8



#72

Anthracene

Concen: 40.023 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

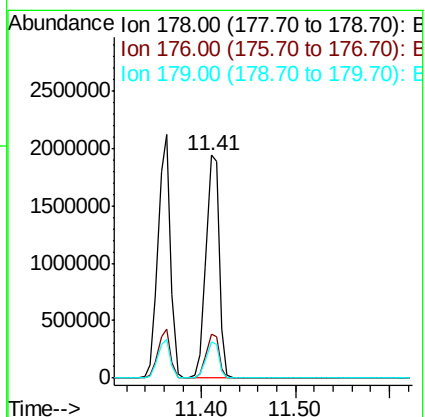
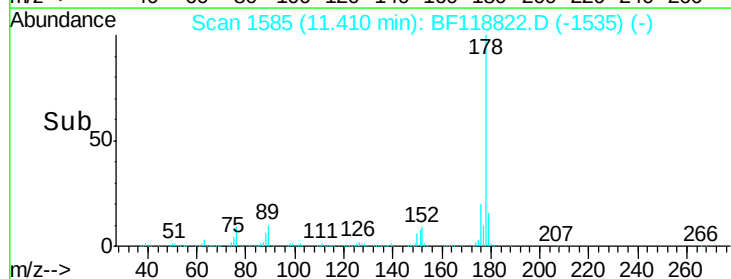
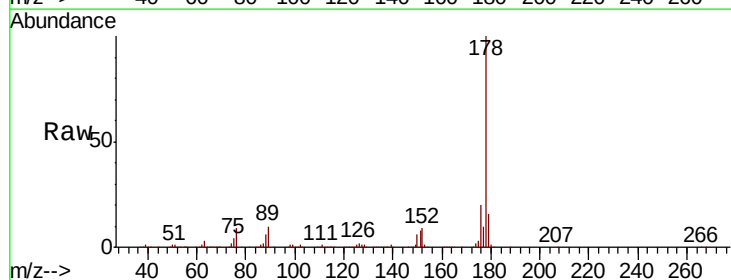
Tgt Ion:178 Resp: 1940748

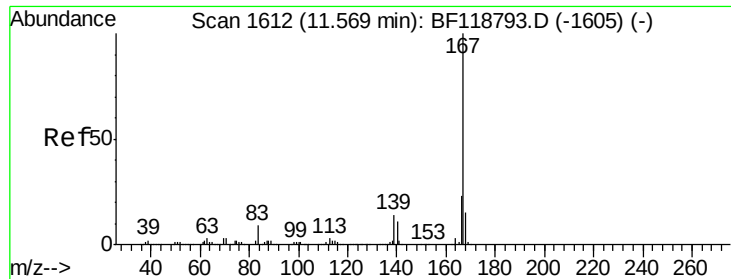
Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

179 16.4 13.4 20.2





#73

Carbazole

Concen: 41.363 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

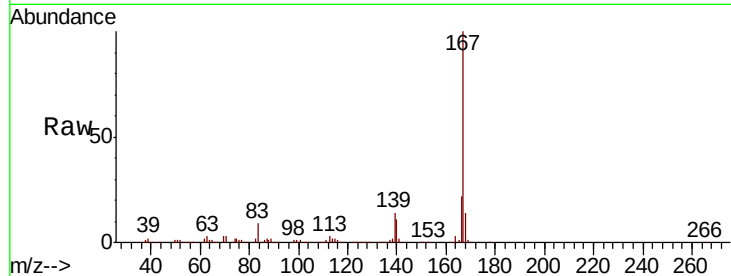
Tot Ion:167 Resp: 1760264

Ion Ratio Lower Upper

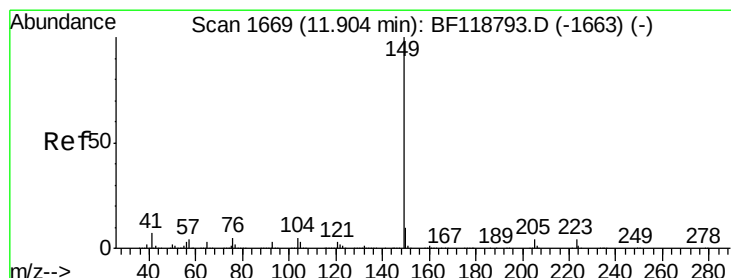
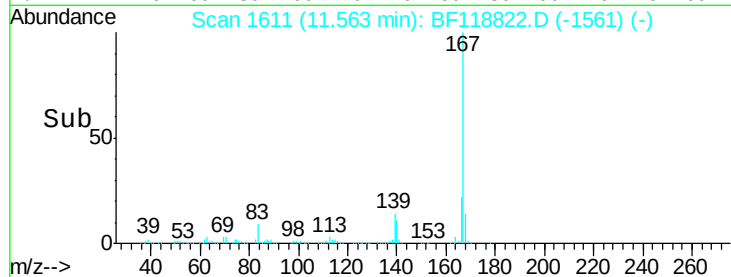
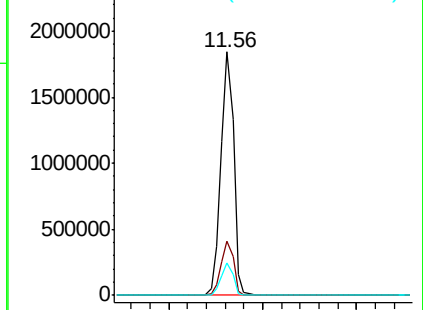
167 100

166 22.4 18.4 27.6

139 13.5 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
2500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.099 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

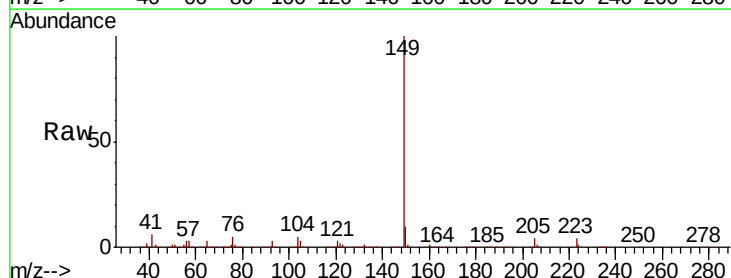
Tgt Ion:149 Resp: 2173819

Ion Ratio Lower Upper

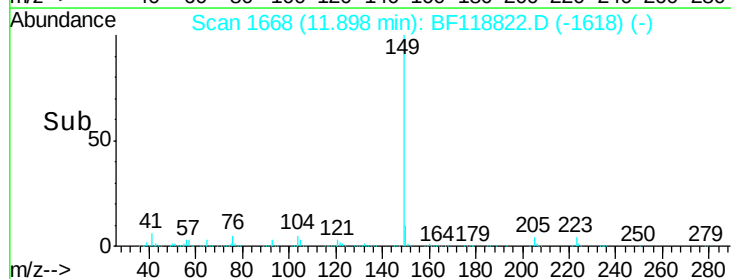
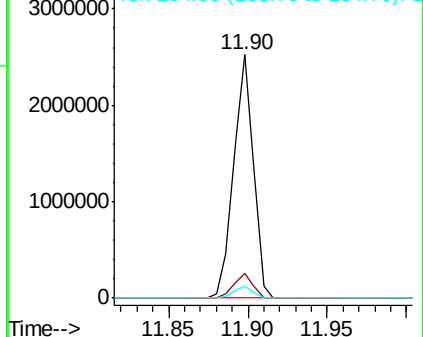
149 100

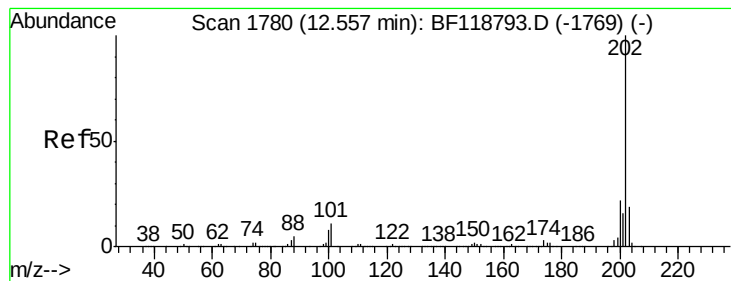
150 9.9 8.1 12.1

104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

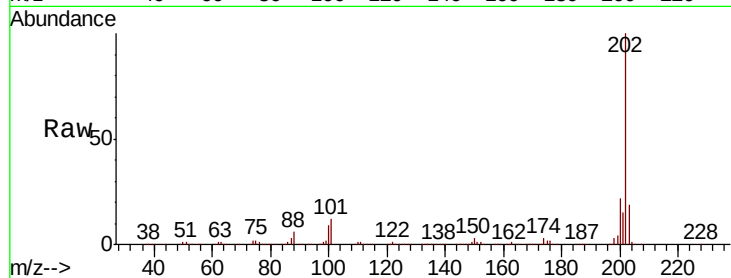




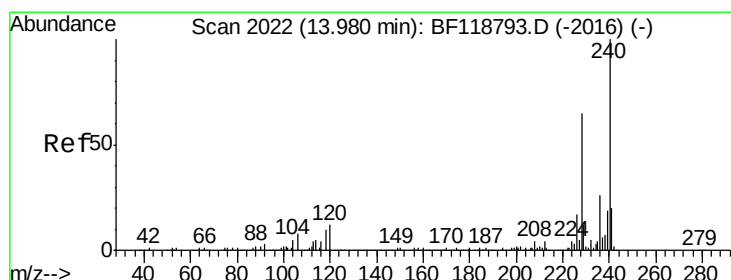
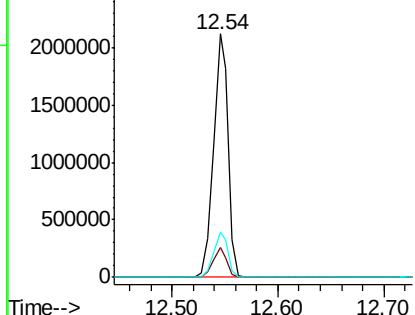
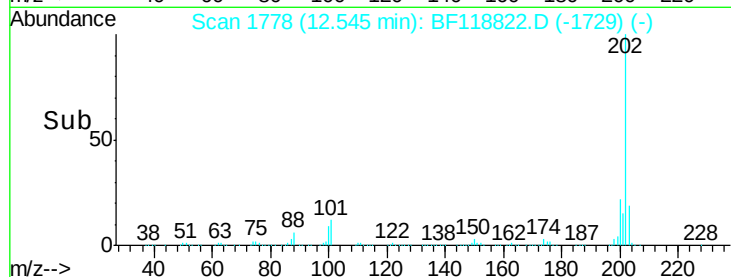
#75
Fluoranthene
Concen: 38.893 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2069857
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.0
203 18.6 0.0 38.7

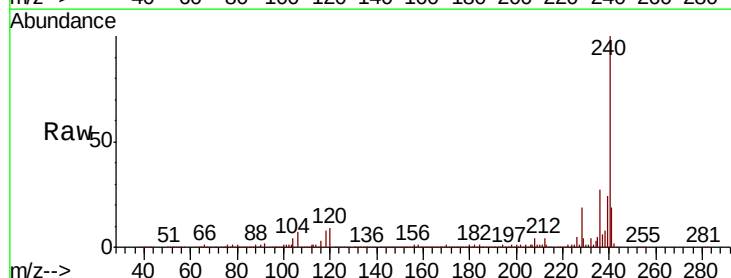


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

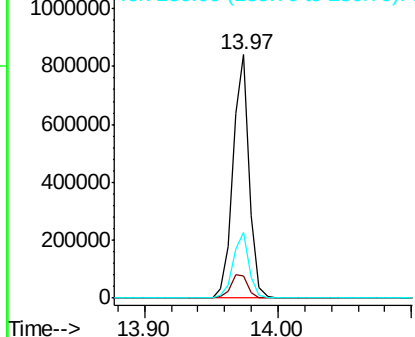
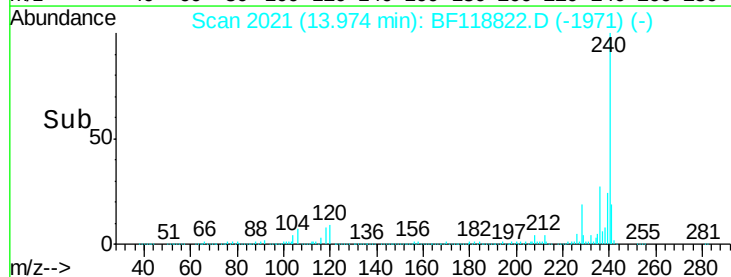


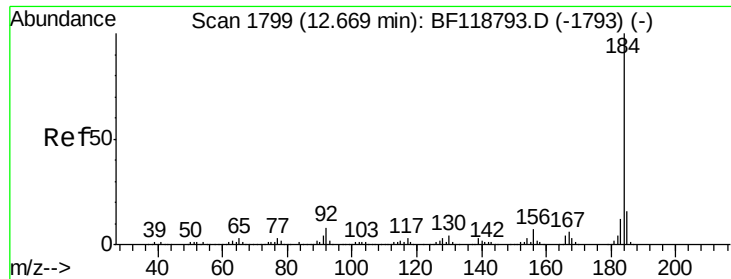
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:240 Resp: 714622
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.0#
236 26.8 21.0 31.6



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: 39.271 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

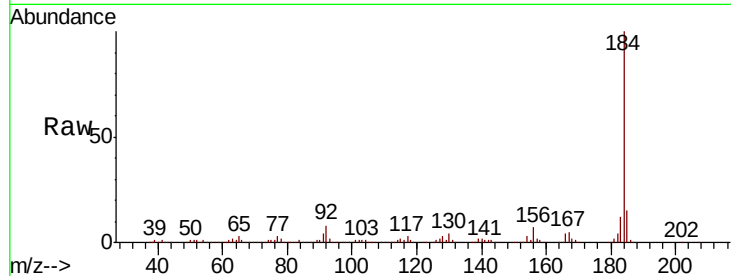
Tot Ion:184 Resp: 848813

Ion Ratio Lower Upper

184 100

185 15.3 12.5 18.7

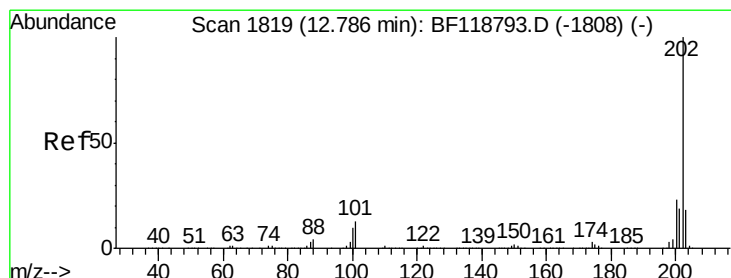
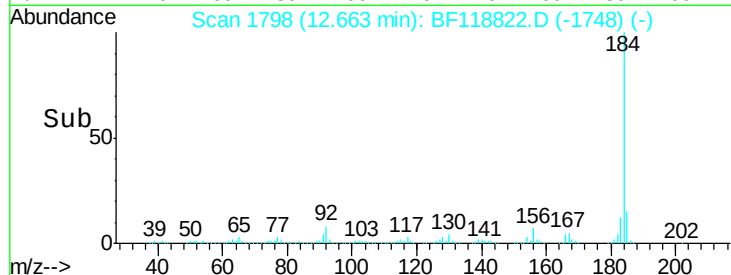
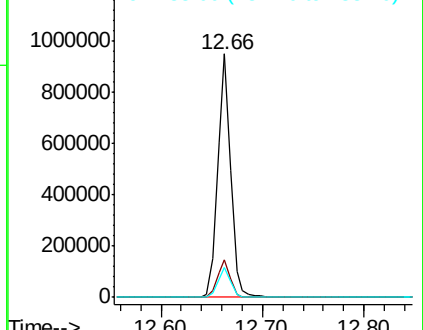
183 12.2 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.520 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

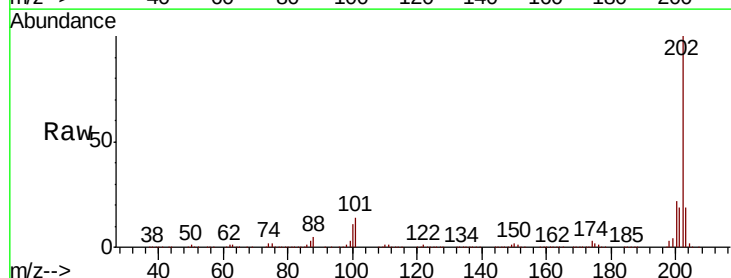
Tgt Ion:202 Resp: 2084541

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

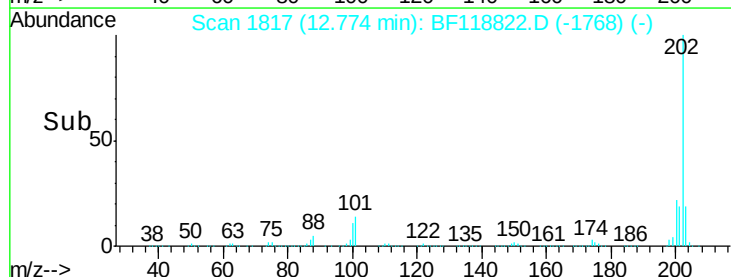
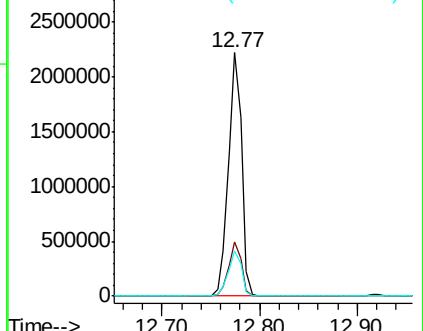
203 18.6 14.8 22.2

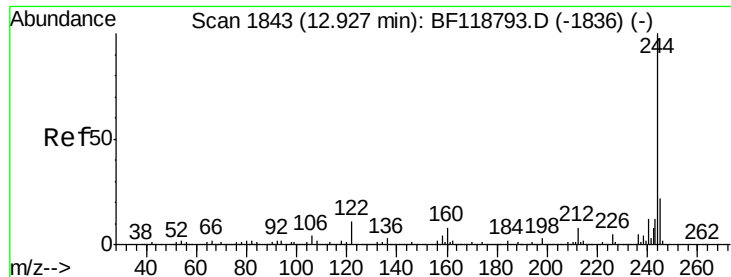


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.562 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

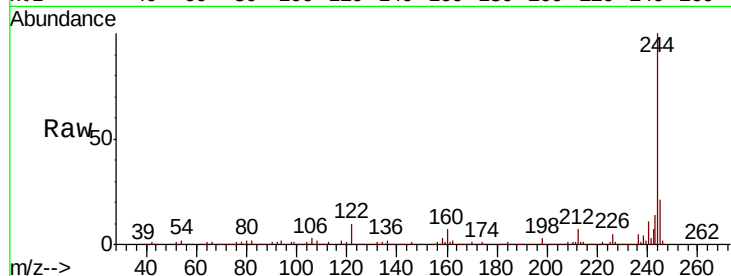
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2942000

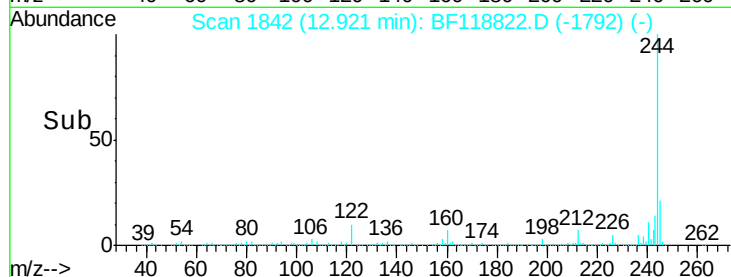
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.6	8.9	13.3



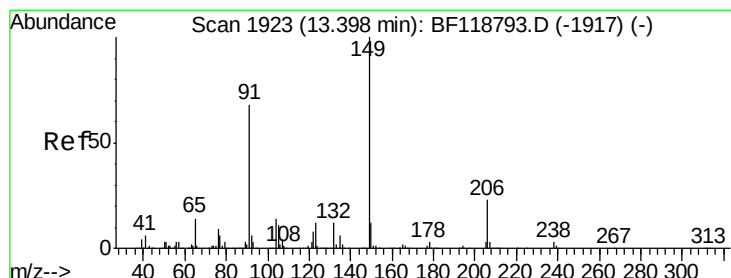
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 40.914 ng

RT: 13.39 min Scan# 1922

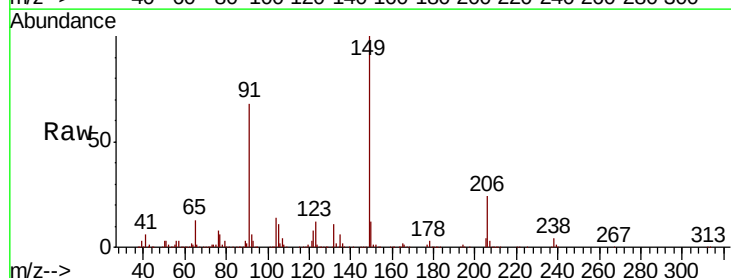
Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Tgt Ion:149 Resp: 915508

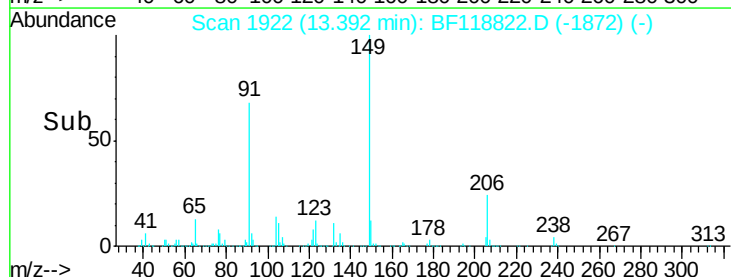
Ion	Ratio	Lower	Upper
149	100		
91	67.5	54.7	82.1
206	24.1	18.5	27.7



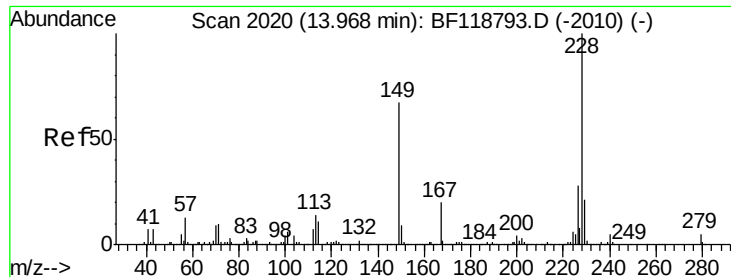
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 41.438 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampled :

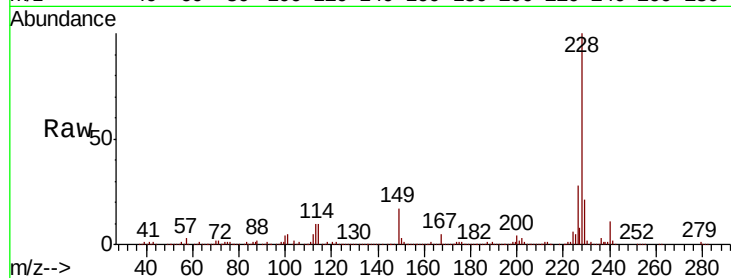
Tot Ion:228 Resp: 1762139

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

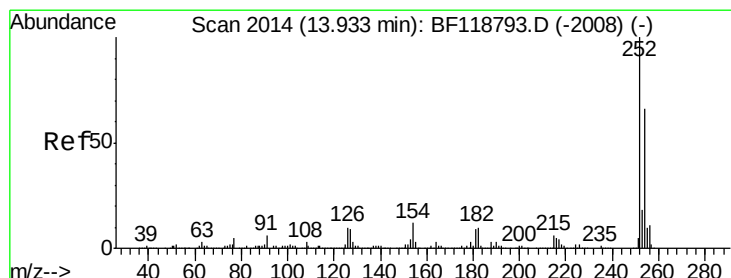
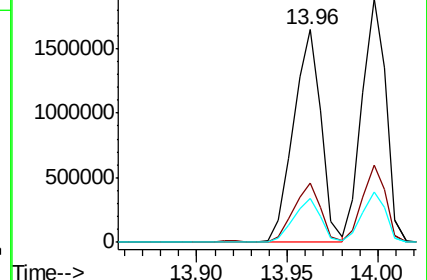
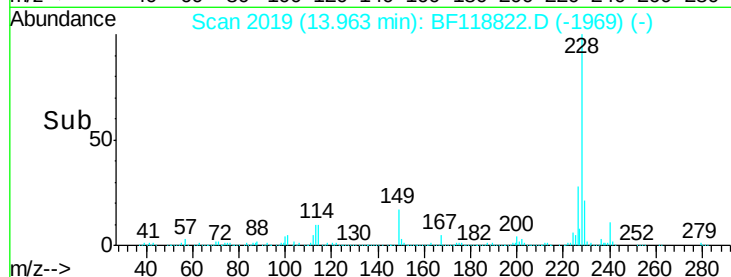
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.972 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

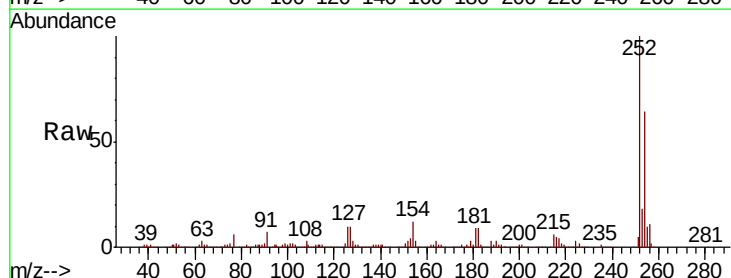
Tgt Ion:252 Resp: 712600

Ion Ratio Lower Upper

252 100

254 64.1 52.4 78.6

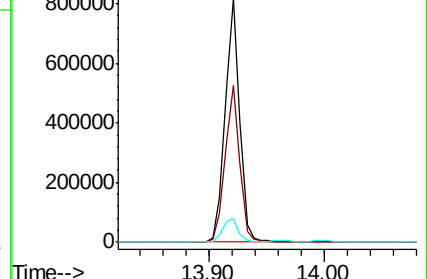
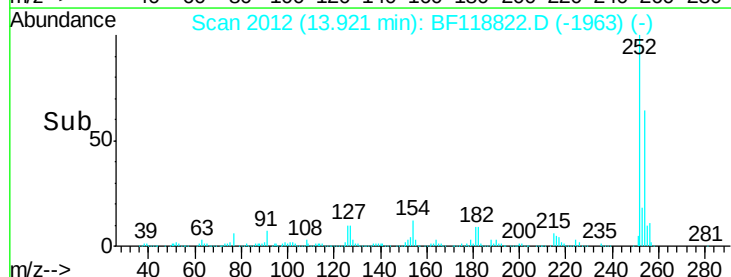
126 9.9 7.8 11.8

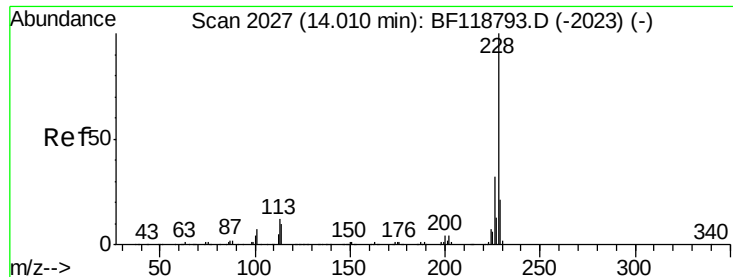


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

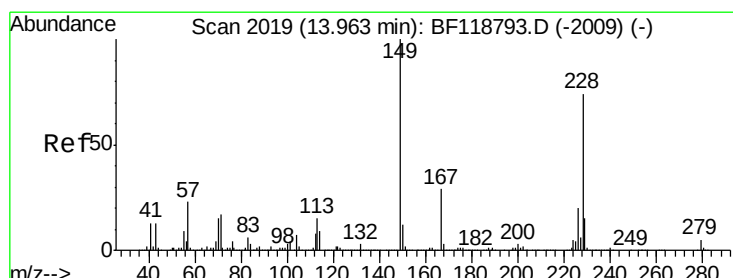
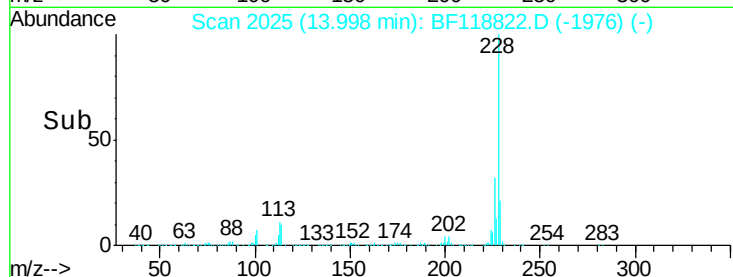
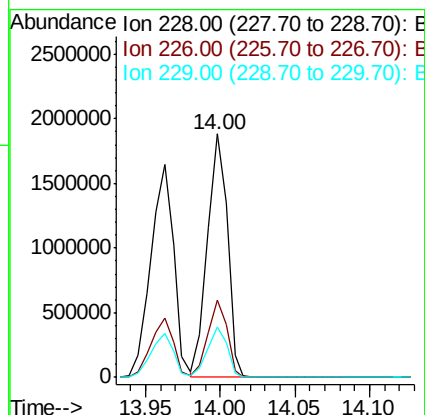
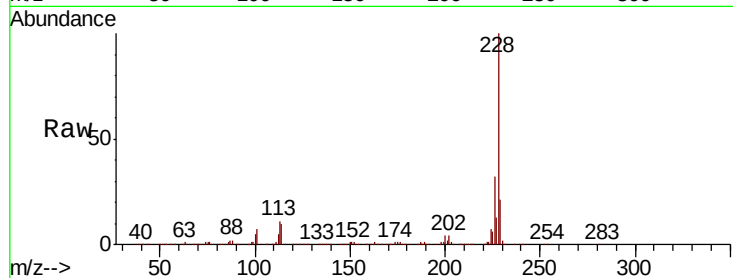




#83
 Chrysene
 Concen: 40.721 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

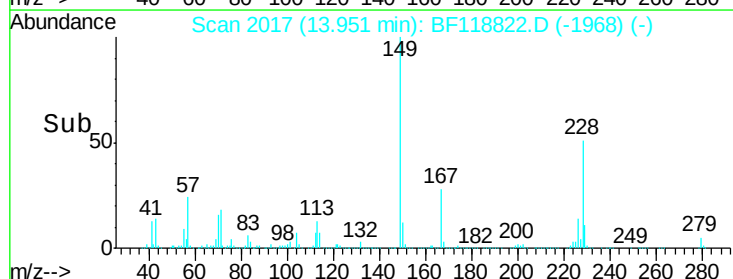
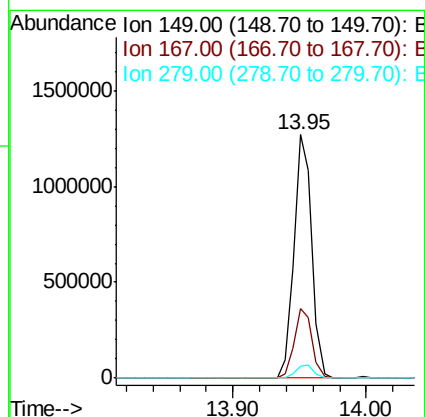
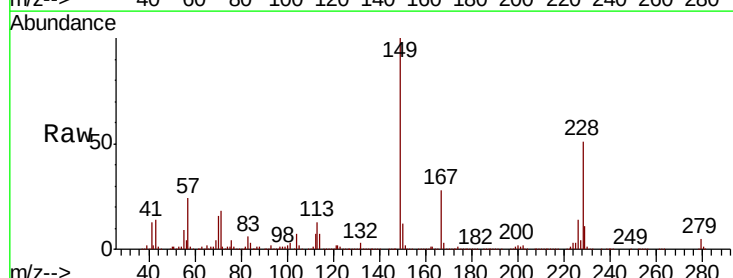
Instrument :
 BNA_F
 ClientSampleId :

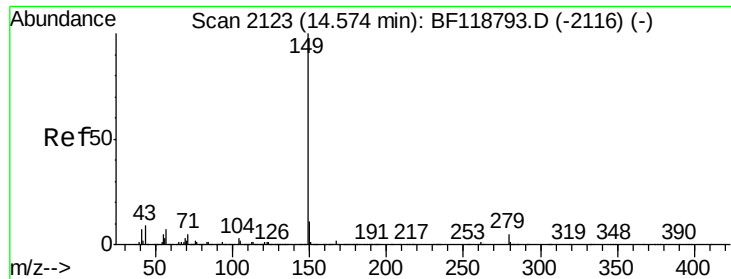
Tot Ion:228 Resp: 1737959
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.8 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.559 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF118822.D
 Acq: 5 Feb 2020 11:08

Tgt Ion:149 Resp: 1179840
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.0 34.6
 279 5.2 4.4 6.6

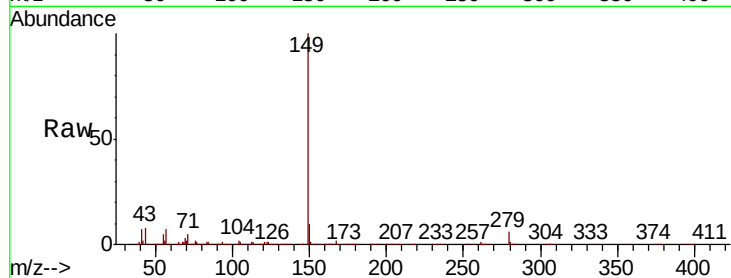




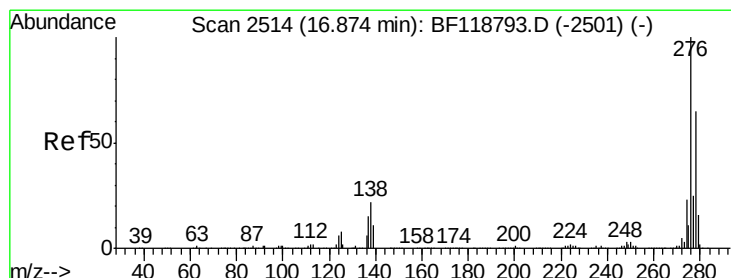
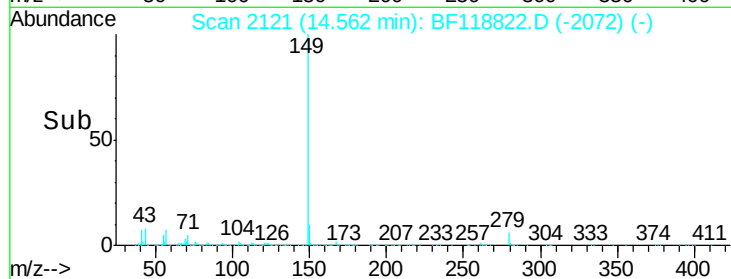
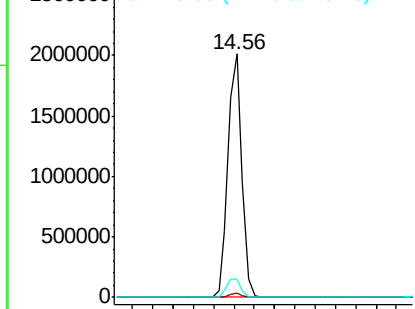
#85
Di-n-octyl phthalate
Concen: 39.380 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1915247
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.3 6.6 10.0

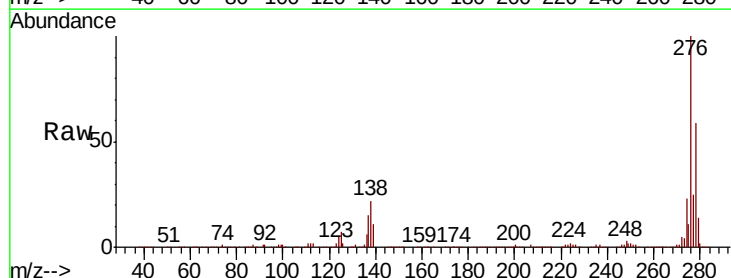


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

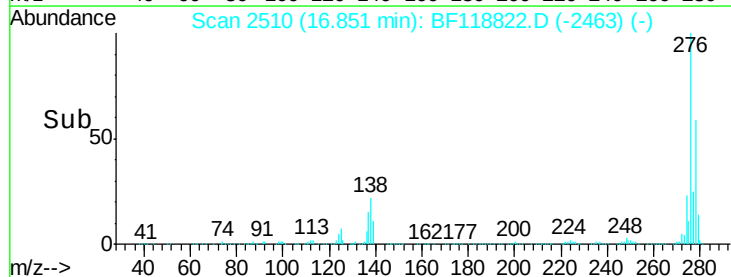
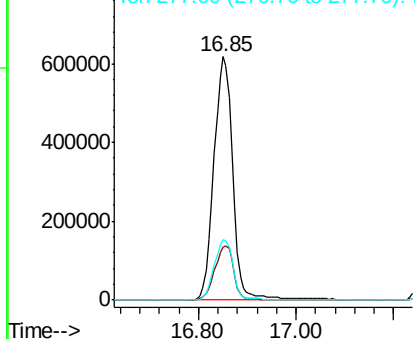


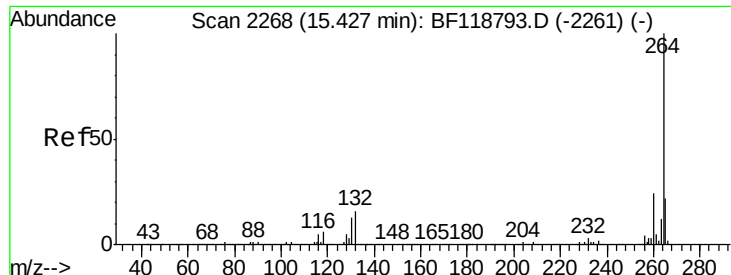
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.836 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:276 Resp: 1665336
Ion Ratio Lower Upper
276 100
138 22.7 18.3 27.5
277 25.0 20.2 30.4



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

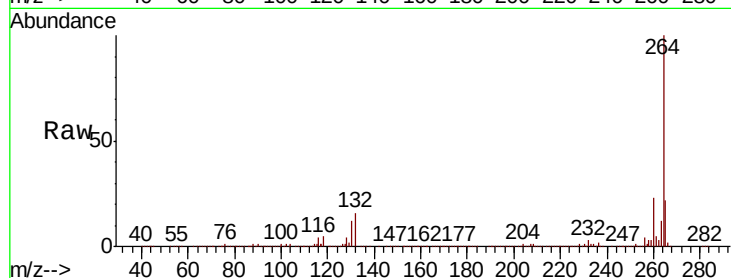
Tot Ion:264 Resp: 695773

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

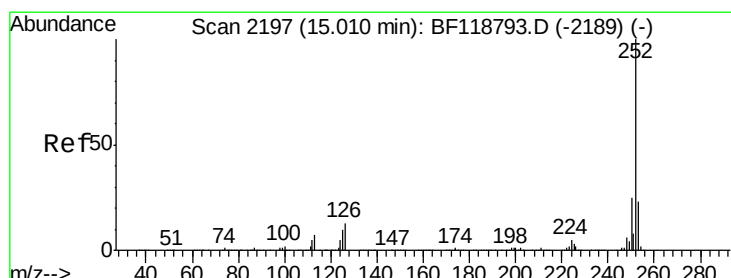
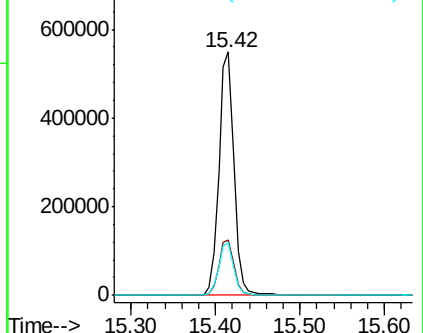
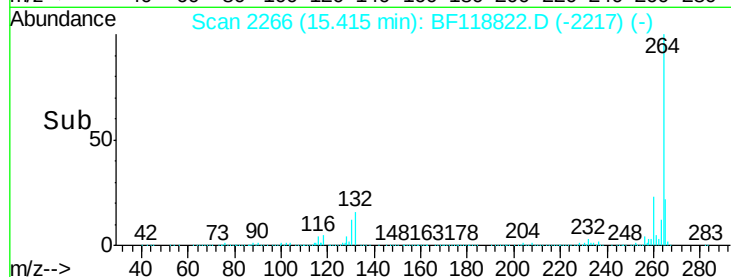
265 21.6 17.2 25.8



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: 37.968 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

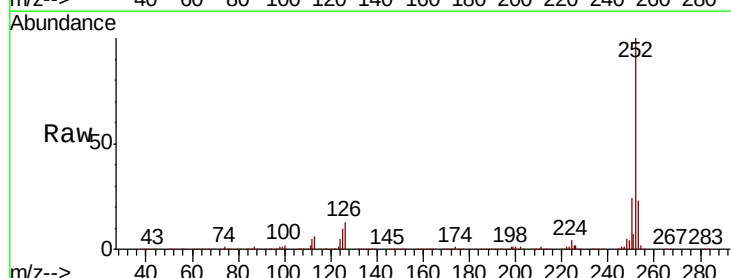
Tgt Ion:252 Resp: 1639229

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

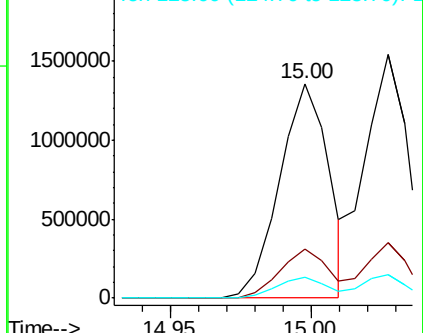
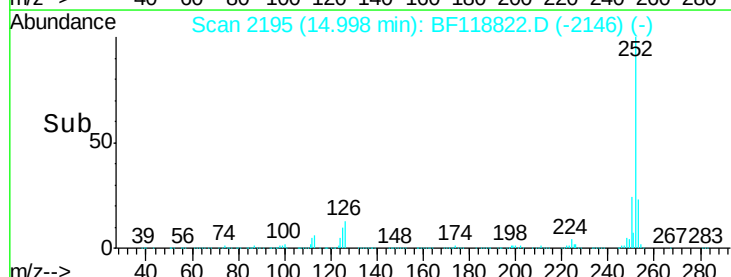
125 9.8 8.1 12.1

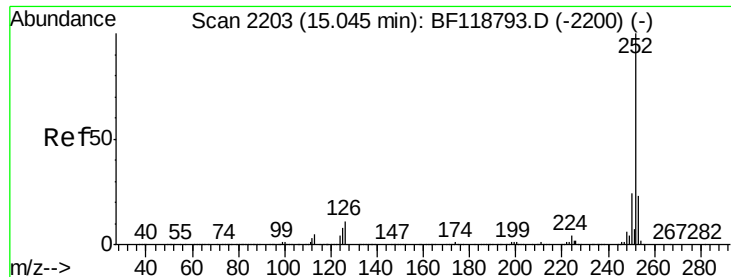


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

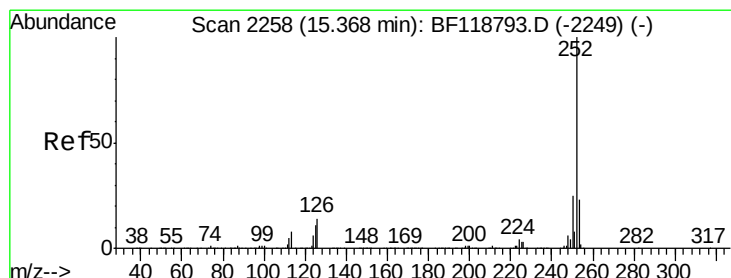
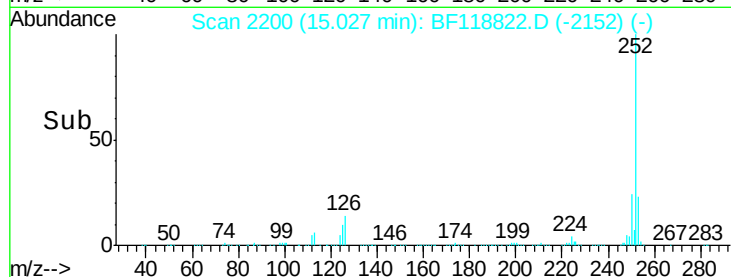
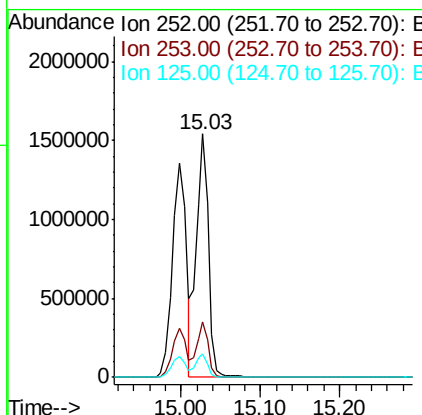
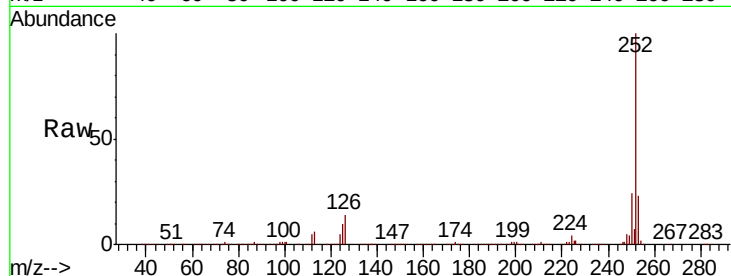




#89
Benzo(k)fluoranthene
Concen: 44.091 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

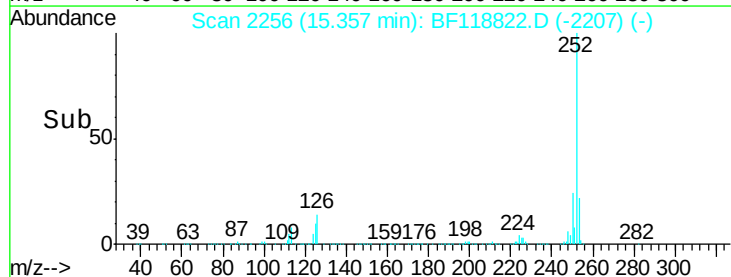
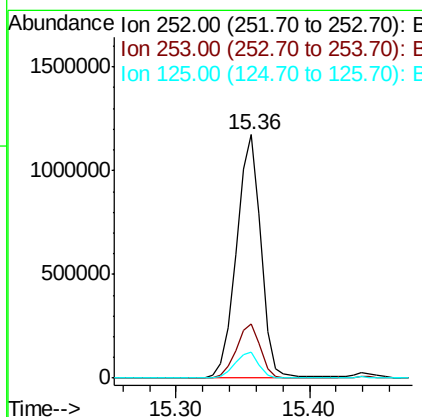
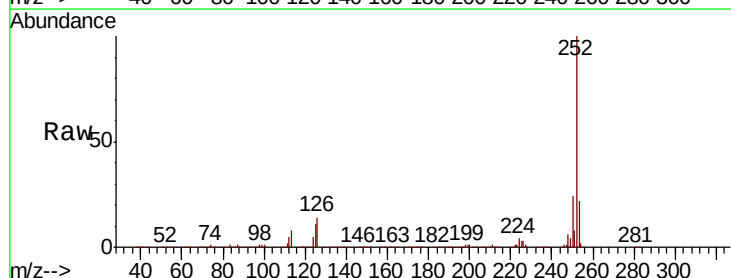
Instrument :
BNA_F
ClientSampleId :

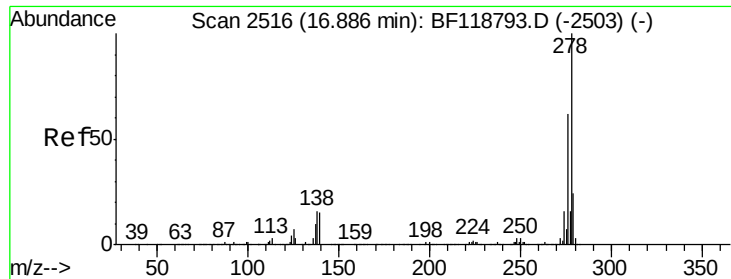
Tot Ion:252 Resp: 1657644
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.6 7.0 10.6



#90
Benzo(a)pyrene
Concen: 40.428 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118822.D
Acq: 5 Feb 2020 11:08

Tgt Ion:252 Resp: 1493759
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.838 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.02 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

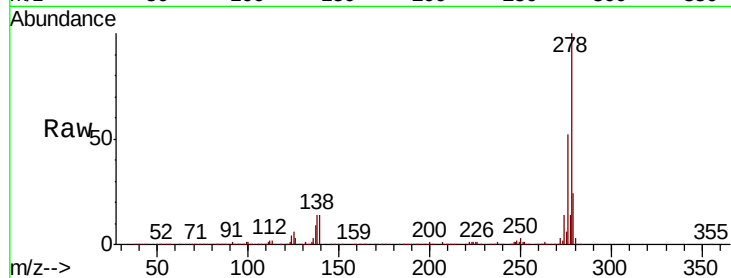
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1372298

Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.3	18.5
279	24.0	19.1	28.7

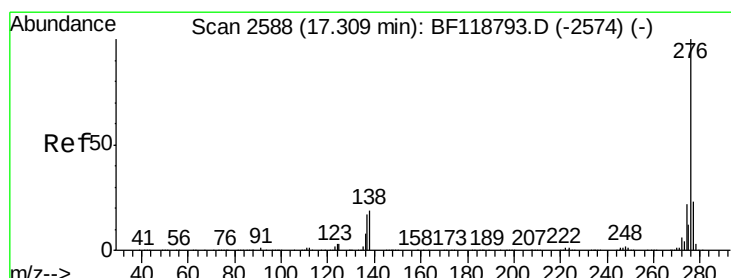
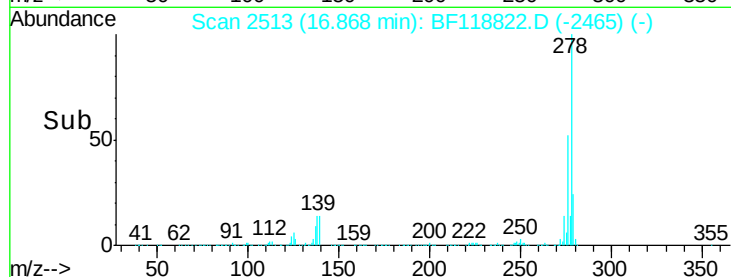
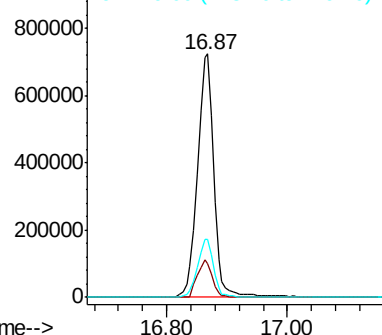


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.041 ng

RT: 17.28 min Scan# 2583

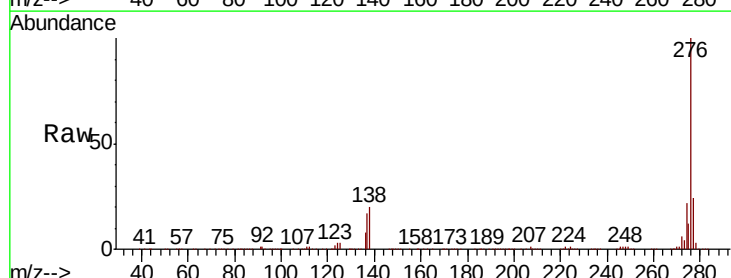
Delta R.T. -0.03 min

Lab File: BF118822.D

Acq: 5 Feb 2020 11:08

Tgt Ion:276 Resp: 1263064

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	19.8	15.4	23.2



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

