

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118804.D
 Acq On : 4 Feb 2020 16:23
 Operator : CG/JU
 Sample : PB126588BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 17:10:20 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	6.81	152	239294	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	890694	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	520264	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	980934	20.00	ng	0.00
76) Chrysene-d12	13.97	240	702379	20.00	ng	-0.01
87) Perylene-d12	15.40	264	653795	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1145469	90.61	ng	0.00
7) Phenol-d6	6.45	99	1428851	91.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	1232815	82.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	555599	89.25	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2570031	88.31	ng	0.00
79) Terphenyl-d14	12.92	244	3094789	90.50	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	272278	47.261	ng	99
3) Pyridine	3.37	79	664829	41.559	ng	99
4) n-Nitrosodimethylamine	3.31	42	280304	48.126	ng	100
6) Aniline	6.47	93	741068	36.666	ng	100
8) 2-Chlorophenol	6.60	128	723552	51.387	ng	98
9) Benzaldehyde	6.36	77	358712	39.427	ng	98
10) Phenol	6.46	94	878141	50.327	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	647531	48.506	ng	99
12) 1,3-Dichlorobenzene	6.76	146	792566	47.289	ng	97
13) 1,4-Dichlorobenzene	6.83	146	808432	48.357	ng	99
14) 1,2-Dichlorobenzene	6.99	146	747038	46.778	ng	99
15) Benzyl Alcohol	6.95	79	615984	50.783	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	758736	46.412	ng	99
17) 2-Methylphenol	7.07	107	589659	50.371	ng	99
18) Hexachloroethane	7.33	117	277504	46.249	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	466858	48.623	ng	100
20) 3+4-Methylphenols	7.22	107	696893	47.494	ng	91
22) Acetophenone	7.22	105	912761	47.167	ng	# 98
24) Nitrobenzene	7.39	77	724774	48.551	ng	99
25) Isophorone	7.63	82	1342129	49.975	ng	100
26) 2-Nitrophenol	7.71	139	398538	50.101	ng	98
27) 2,4-Dimethylphenol	7.75	122	636676	58.920	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	826822	47.478	ng	99
29) 2,4-Dichlorophenol	7.95	162	646606	49.967	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	711788	47.058	ng	100
31) Naphthalene	8.12	128	2049875	50.320	ng	99
32) Benzoic acid	7.87	122	434057	48.517	ng	98
33) 4-Chloroaniline	8.16	127	527510	28.944	ng	98
34) Hexachlorobutadiene	8.24	225	419367	45.254	ng	98
35) Caprolactam	8.53	113	118129	28.159	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	665384	51.093	ng	98
37) 2-Methylnaphthalene	8.81	142	1435706	50.816	ng	98
38) 1-Methylnaphthalene	8.91	142	1348640	50.743	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	691370	44.031	ng	99

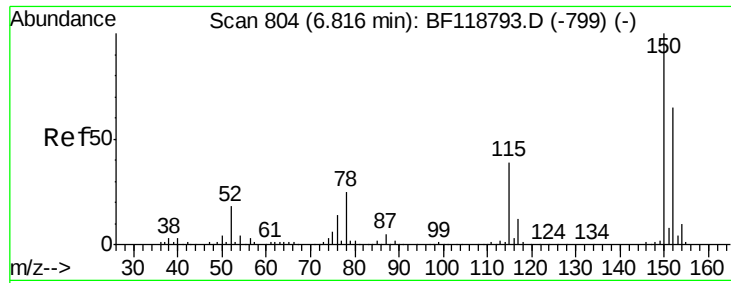
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	751886	122.119	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	505333	48.127	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	521942	48.650	ng	99
46) 1,1'-Biphenyl	9.27	154	1723390	47.887	ng	99
47) 2-Chloronaphthalene	9.30	162	1398741	46.751	ng	98
48) 2-Nitroaniline	9.39	65	396881	45.993	ng	91
49) Acenaphthylene	9.72	152	2165549	50.130	ng	99
50) Dimethylphthalate	9.57	163	1681556	47.468	ng	100
51) 2,6-Dinitrotoluene	9.63	165	394976	48.729	ng	96
52) Acenaphthene	9.89	154	1473010	51.746	ng	99
53) 3-Nitroaniline	9.80	138	262930	29.249	ng	99
54) 2,4-Dinitrophenol	9.91	184	375269	96.305	ng	# 90
55) Dibenzofuran	10.06	168	1979849	48.126	ng	99
56) 4-Nitrophenol	9.96	139	639875	98.352	ng	99
57) 2,4-Dinitrotoluene	10.04	165	531499	49.549	ng	98
58) Fluorene	10.40	166	1476083	47.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	459530	49.045	ng	100
60) Diethylphthalate	10.27	149	1620597	47.046	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	785560	46.803	ng	97
62) 4-Nitroaniline	10.42	138	380446	42.262	ng	97
63) Azobenzene	10.55	77	1437683	48.887	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	278341	50.497	ng	96
66) n-Nitrosodiphenylamine	10.51	169	1396835	49.160	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	549164	47.325	ng	95
68) Hexachlorobenzene	10.95	284	617019	46.358	ng	95
69) Atrazine	11.03	200	505944	53.447	ng	100
70) Pentachlorophenol	11.14	266	644548	91.714	ng	99
71) Phenanthrene	11.36	178	2279693	47.234	ng	99
72) Anthracene	11.41	178	2342085	48.780	ng	100
73) Carbazole	11.56	167	2025741	48.075	ng	100
74) Di-n-butylphthalate	11.90	149	2458969	45.810	ng	99
75) Fluoranthene	12.55	202	2436814	46.244	ng	99
77) Benzidine	12.66	184	1083662	51.010	ng	99
78) Pyrene	12.77	202	2444532	50.732	ng	100
80) Butylbenzylphthalate	13.39	149	1032697	46.956	ng	95
81) Benzo(a)anthracene	13.96	228	2006103	47.998	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	581661	34.026	ng	99
83) Chrysene	14.00	228	2022255	48.208	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1270977	45.550	ng	99
85) Di-n-octyl phthalate	14.56	149	2075101	43.411	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	1806756	42.868	ng	100
88) Benzo(b)fluoranthene	14.99	252	1858155	45.802	ng	100
89) Benzo(k)fluoranthene	15.02	252	1872419	53.001	ng	99
90) Benzo(a)pyrene	15.35	252	1646487	47.423	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	1513994	49.121	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1520703	51.303	ng	98

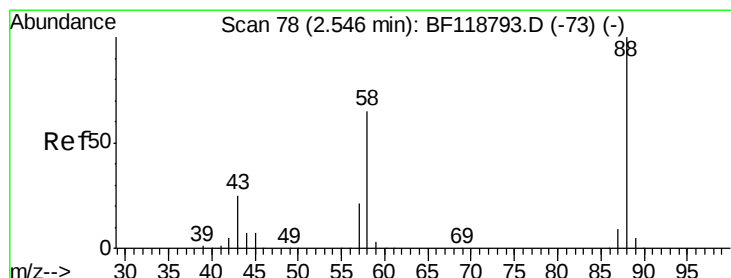
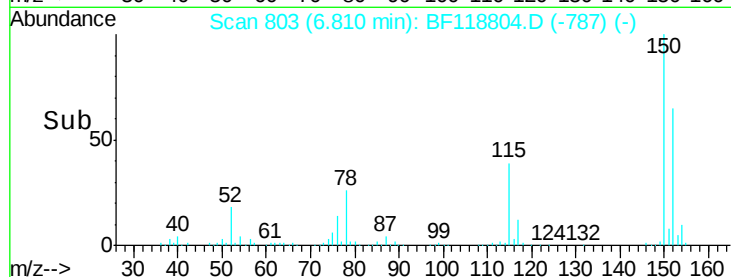
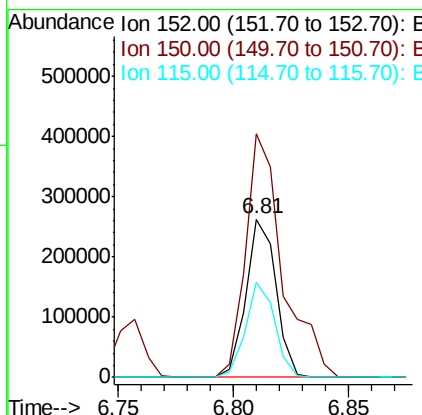
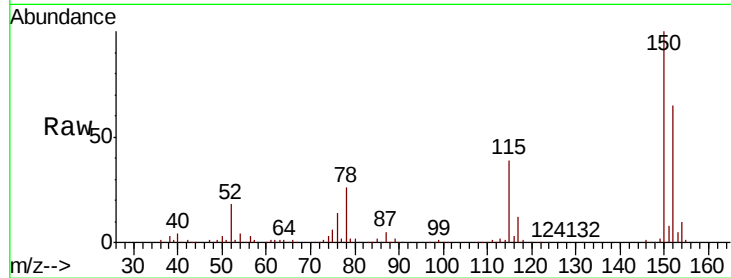
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

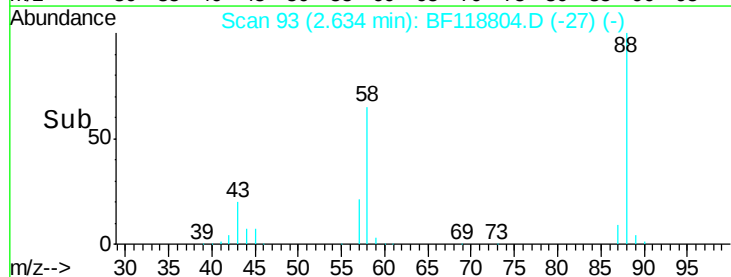
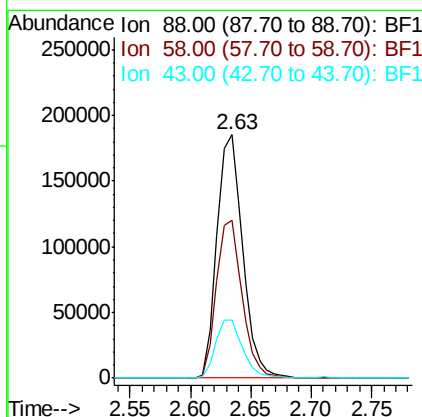
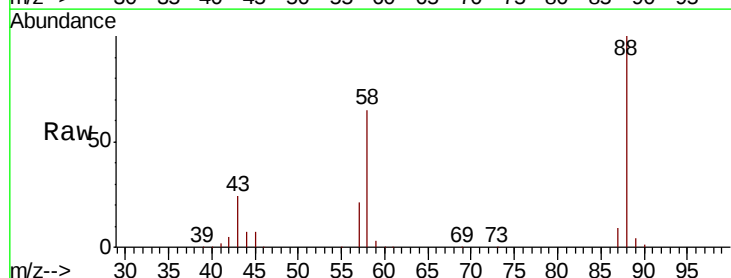
Instrument :
 BNA_F
 ClientSampled :

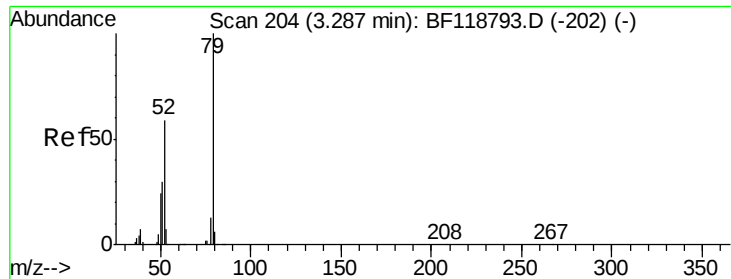
Tot Ion:152 Resp: 239294
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.6 185.4
 115 60.1 48.2 72.2



#2
 1,4-Dioxane
 Concen: 47.261 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion: 88 Resp: 272278
 Ion Ratio Lower Upper
 88 100
 58 65.0 51.6 77.4
 43 24.3 19.8 29.6





#3

Pvridine

Concen: 41.559 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

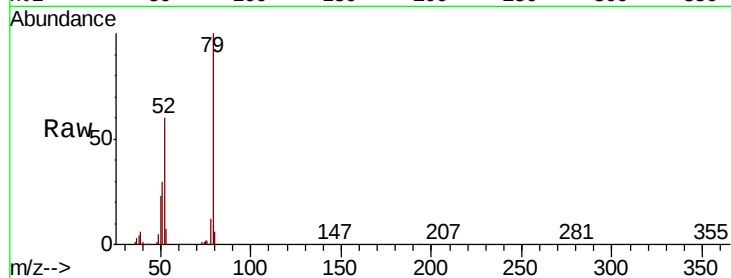
Tot Ion: 79 Resp: 664829

Ion Ratio Lower Upper

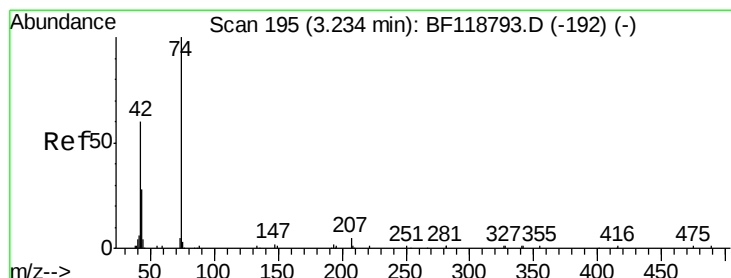
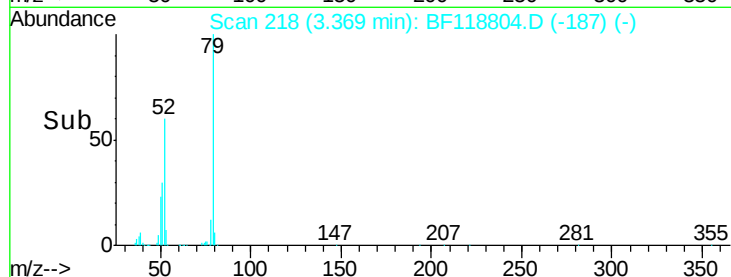
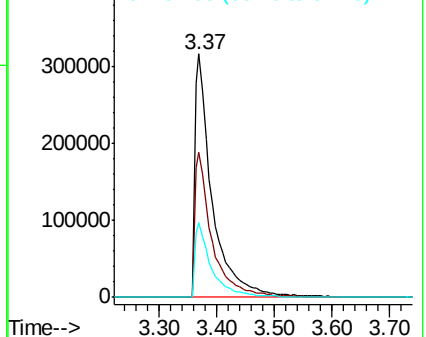
79 100

52 59.7 47.4 71.0

51 30.5 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: 48.126 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

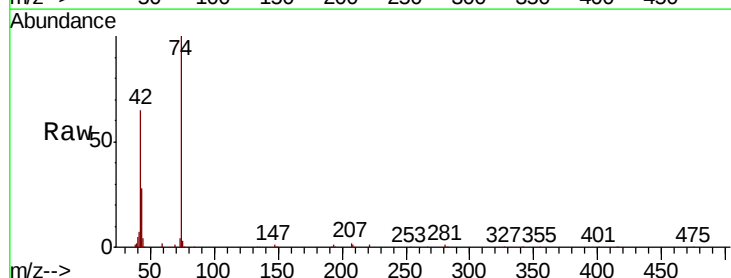
Tgt Ion: 42 Resp: 280304

Ion Ratio Lower Upper

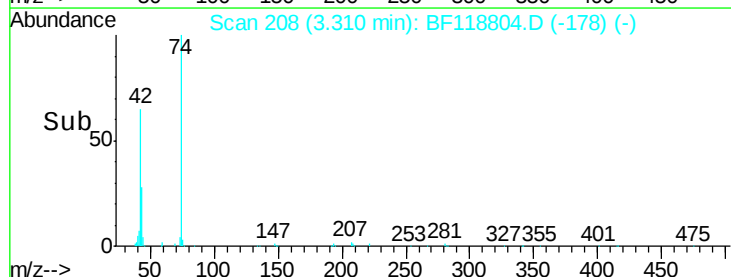
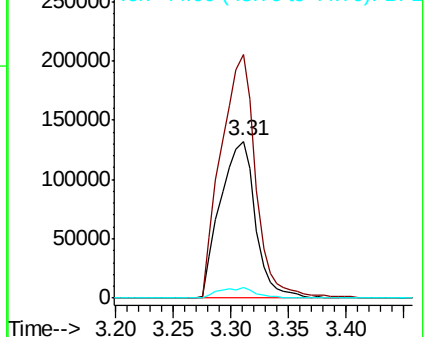
42 100

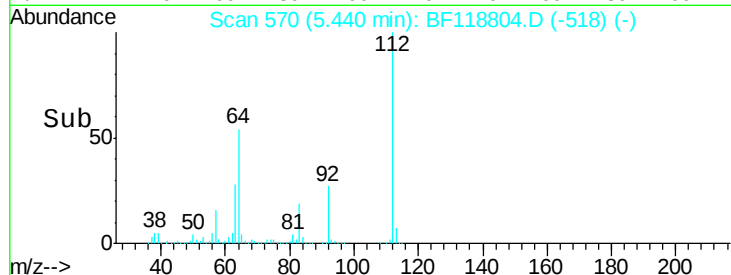
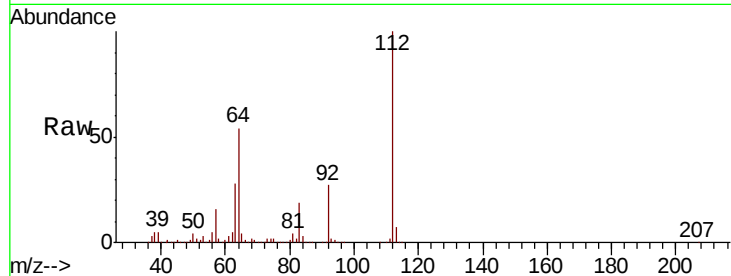
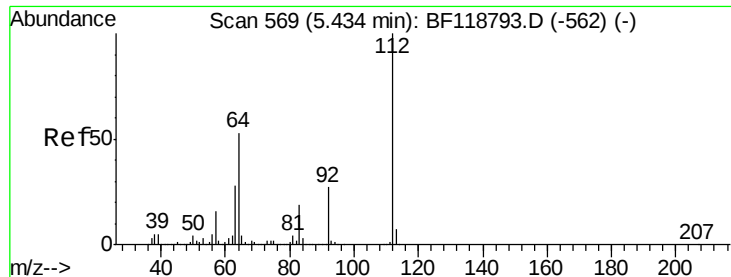
74 154.9 124.3 186.5

44 6.8 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: 90.612 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

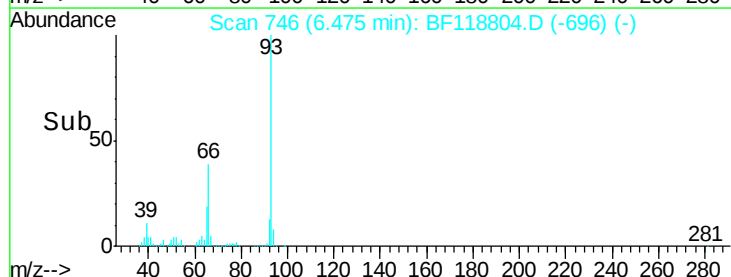
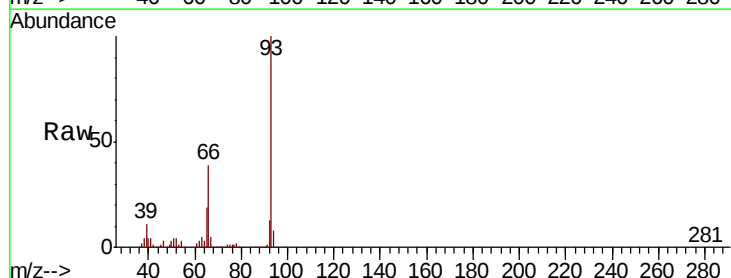
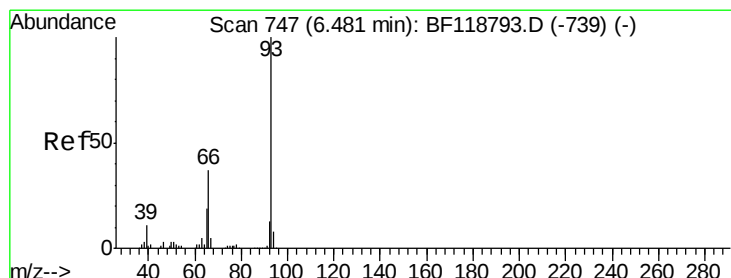
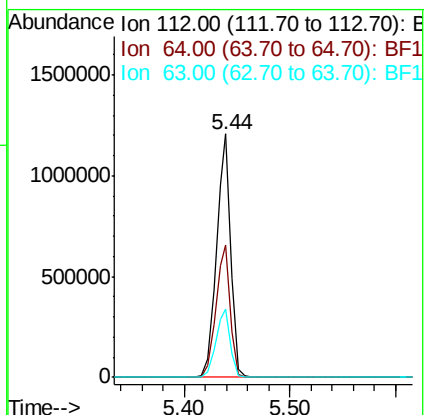
Tot Ion:112 Resp: 1145469

Ion Ratio Lower Upper

112 100

64 54.3 42.6 63.8

63 27.9 22.2 33.4



#6

Aniline

Concen: 36.666 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

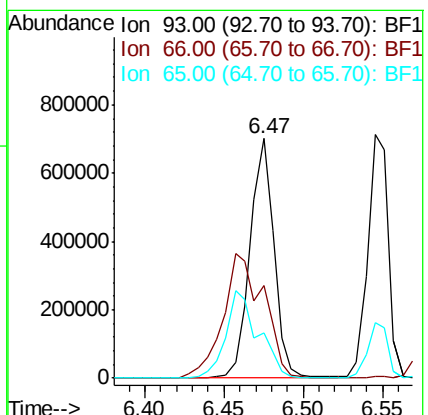
Tgt Ion: 93 Resp: 741068

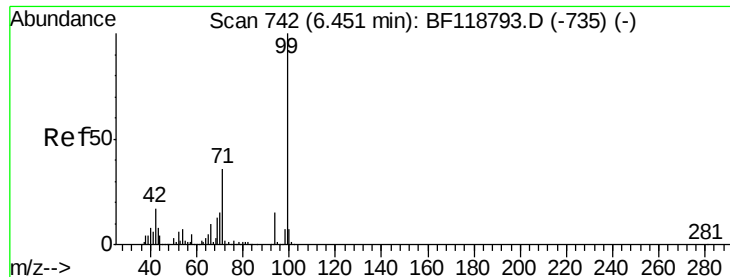
Ion Ratio Lower Upper

93 100

66 38.9 30.8 46.2

65 19.1 15.4 23.0





#7

Phenol-d6

Concen: 91.053 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

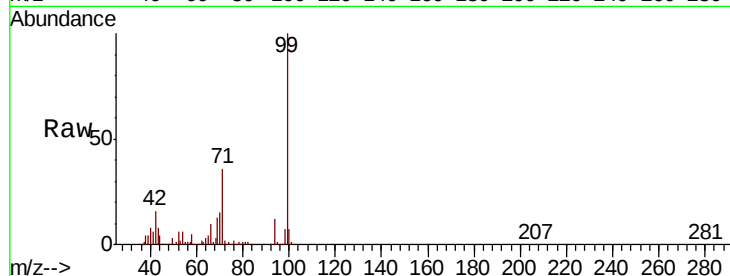
Tot Ion: 99 Resp: 1428851

Ion Ratio Lower Upper

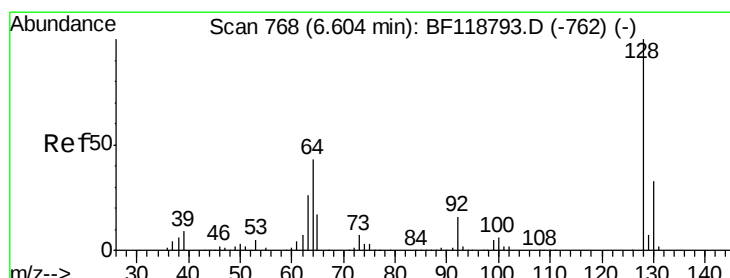
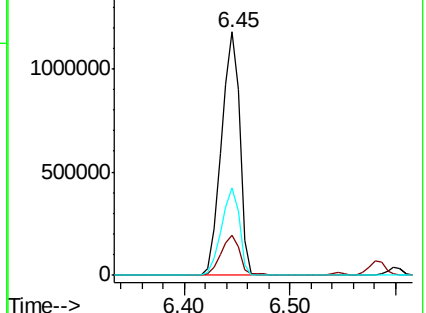
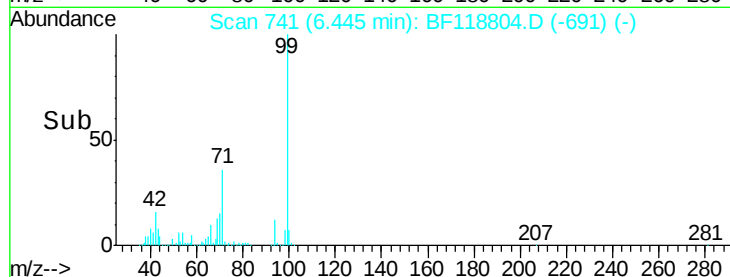
99 100

42 16.4 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: 51.387 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

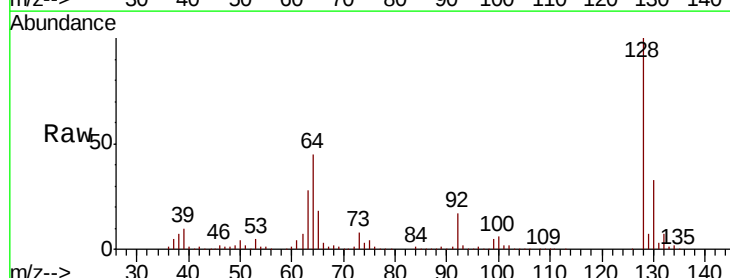
Tgt Ion: 128 Resp: 723552

Ion Ratio Lower Upper

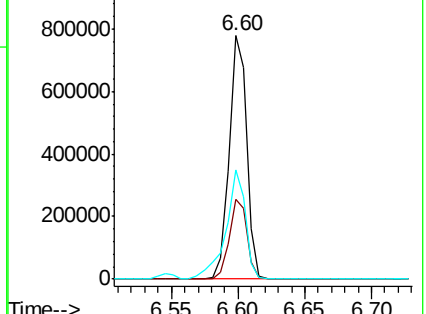
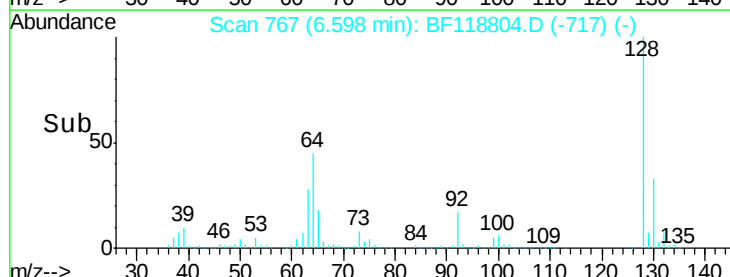
128 100

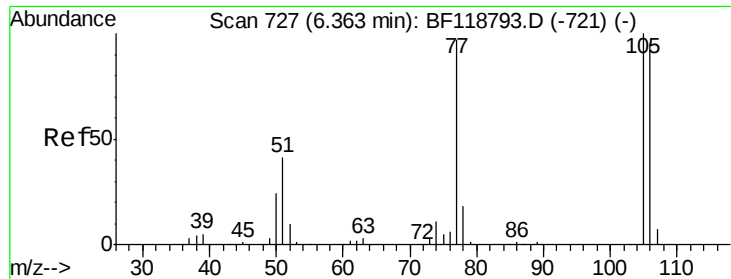
130 32.9 13.1 53.1

64 45.0 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: 39.427 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

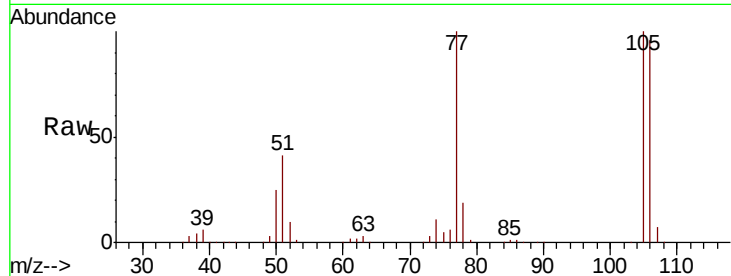
Tot Ion: 77 Resp: 358712

Ion Ratio Lower Upper

77 100

105 100.4 82.8 122.8

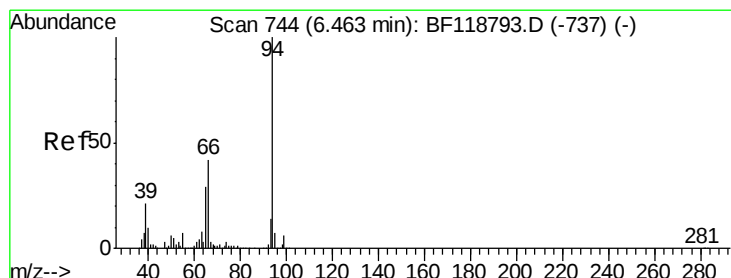
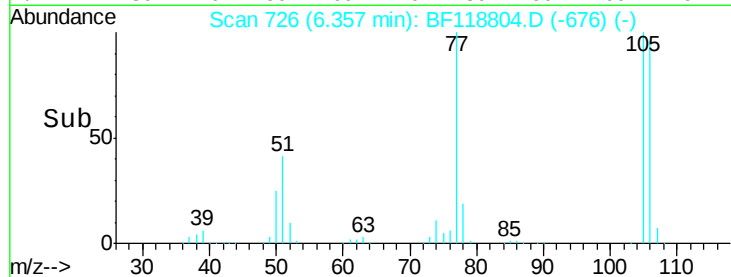
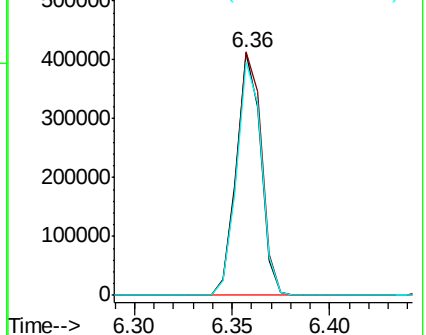
106 96.4 78.1 118.1



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: 50.327 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

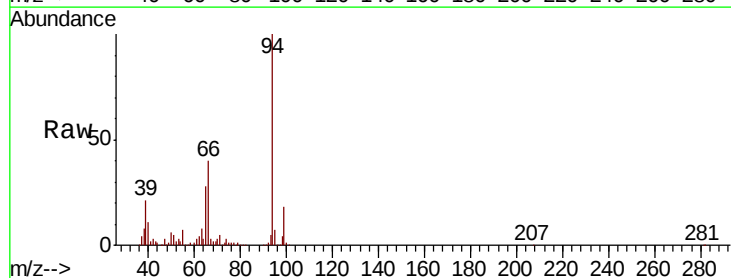
Tgt Ion: 94 Resp: 878141

Ion Ratio Lower Upper

94 100

65 28.1 9.1 49.1

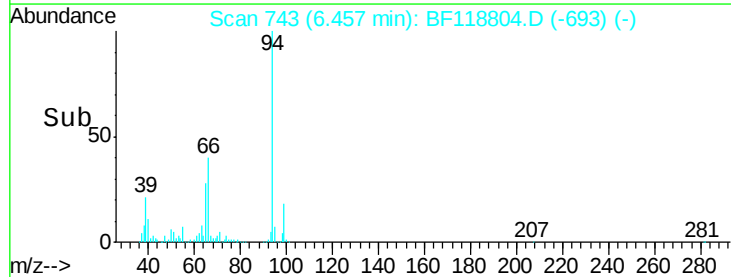
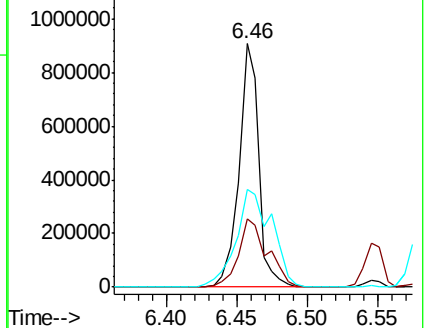
66 40.1 21.7 61.7

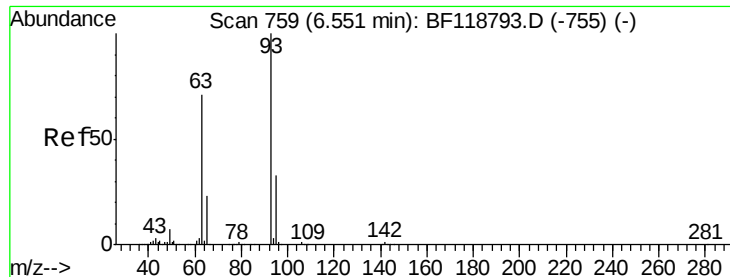


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.506 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

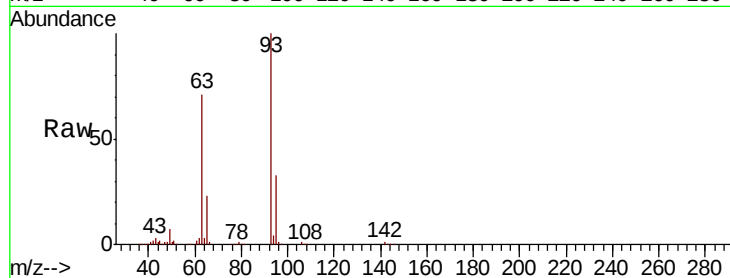
Tot Ion: 93 Resp: 647531

Ion Ratio Lower Upper

93 100

63 71.0 50.7 90.7

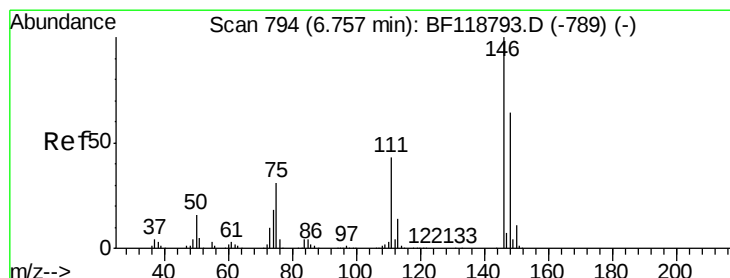
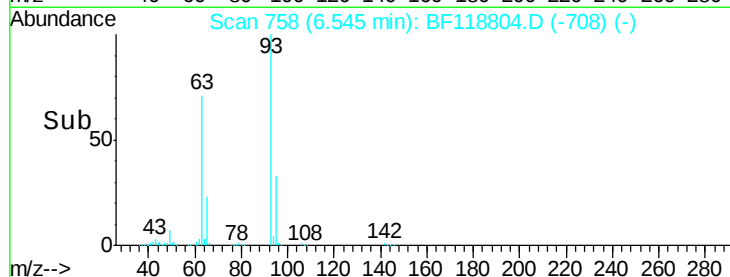
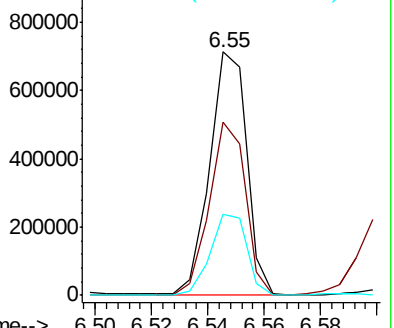
95 33.3 12.6 52.6



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: 47.289 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

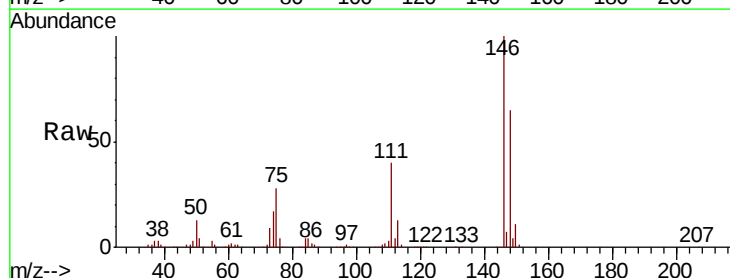
Tgt Ion: 146 Resp: 792566

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

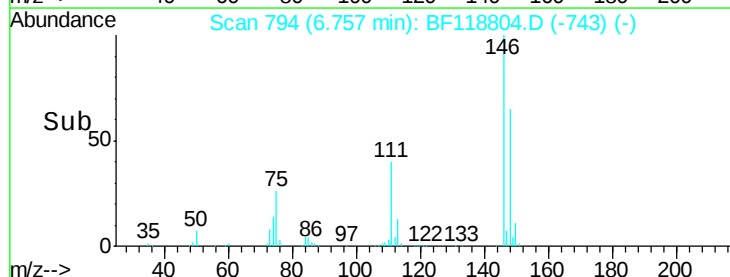
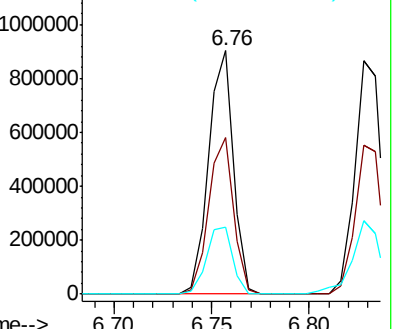
75 27.6 25.0 37.4

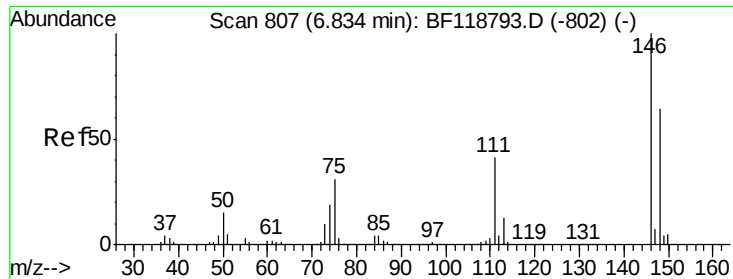


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

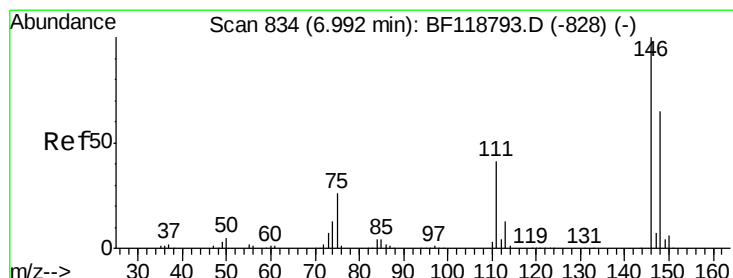
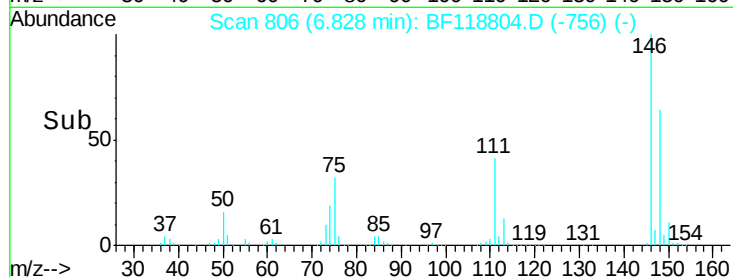
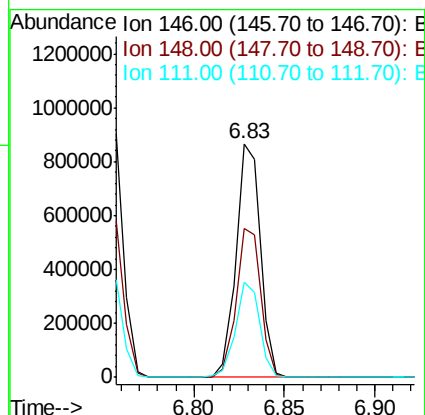
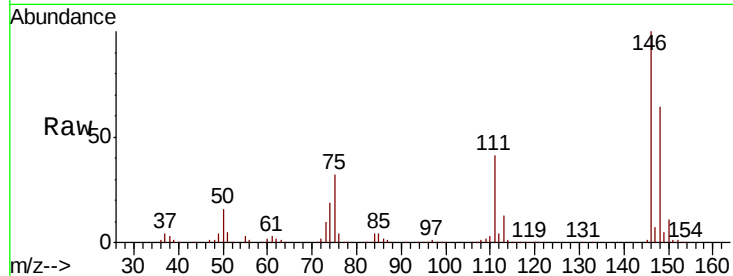




#13
 1,4-Dichlorobenzene
 Concen: 48.357 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

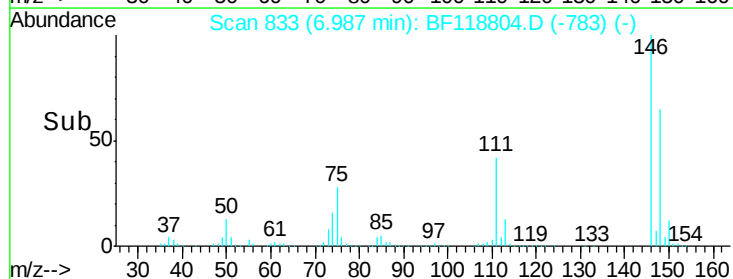
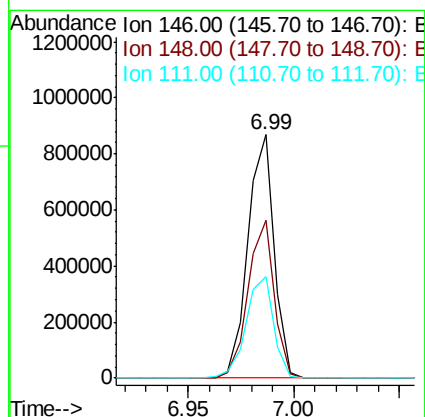
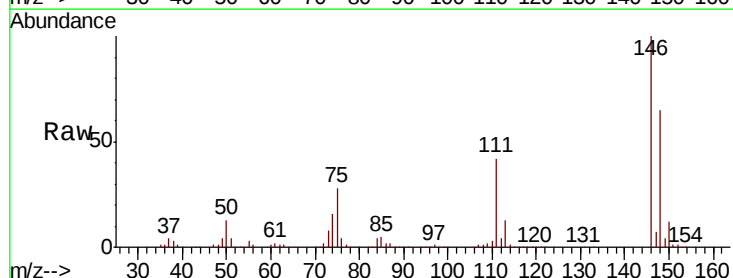
Instrument :
 BNA_F
 ClientSampled :

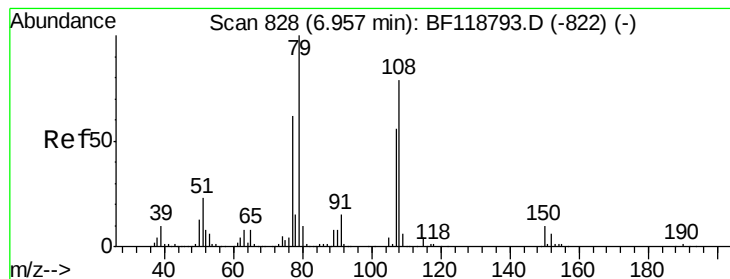
Tot Ion:146 Resp: 808432
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 41.0 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 46.778 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion:146 Resp: 747038
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.6 77.4
 111 41.9 32.7 49.1





#15

Benzyl Alcohol

Concen: 50.783 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

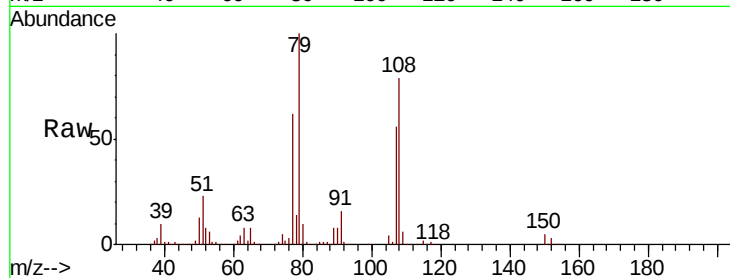
Tot Ion: 79 Resp: 615984

Ion Ratio Lower Upper

79 100

108 78.9 62.9 94.3

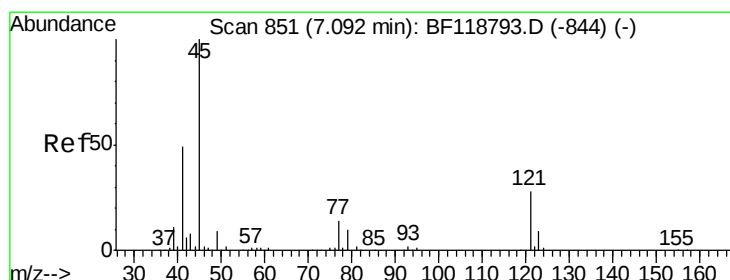
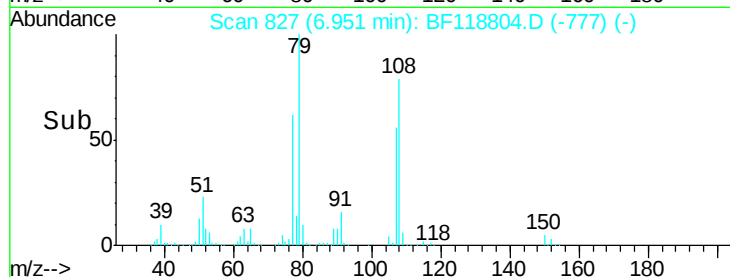
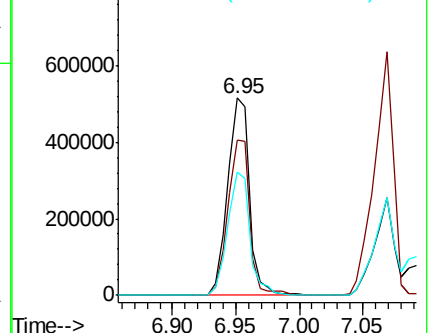
77 62.5 50.0 75.0



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: 46.412 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

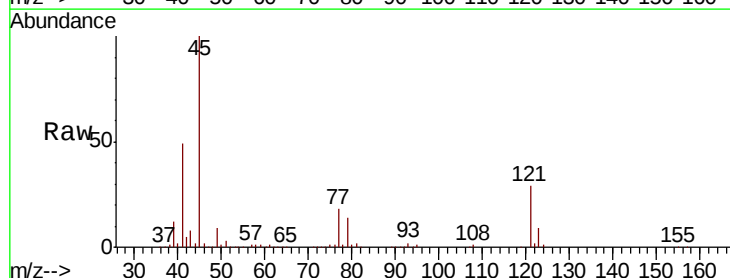
Tgt Ion: 45 Resp: 758736

Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.1

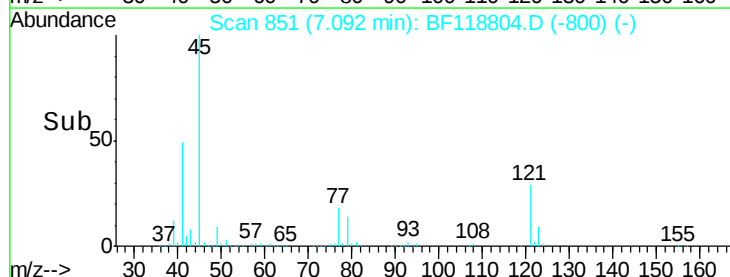
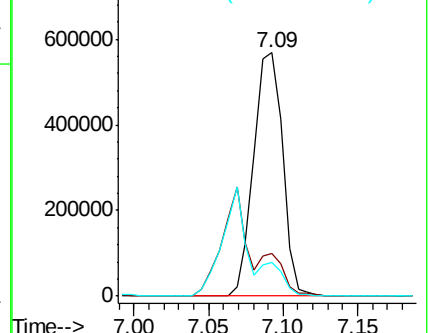
79 13.8 0.0 33.1

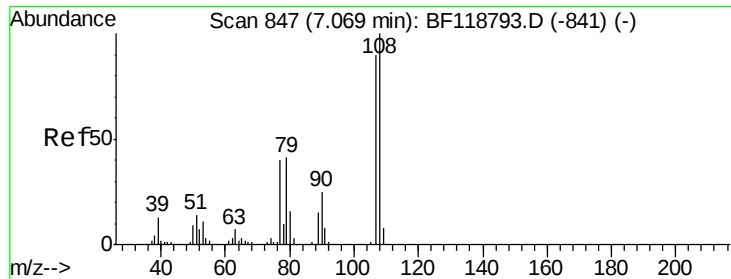


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 50.371 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 589659

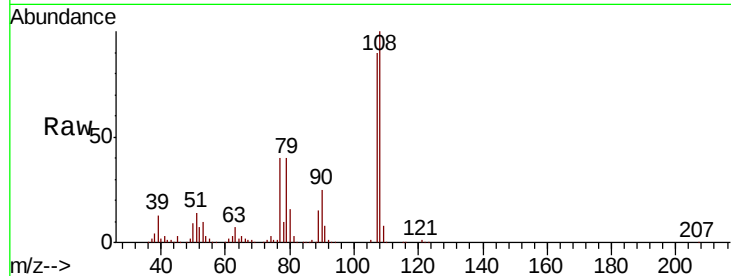
Ion Ratio Lower Upper

107 100

108 111.4 89.3 133.9

77 44.7 36.2 54.2

79 44.7 36.3 54.5



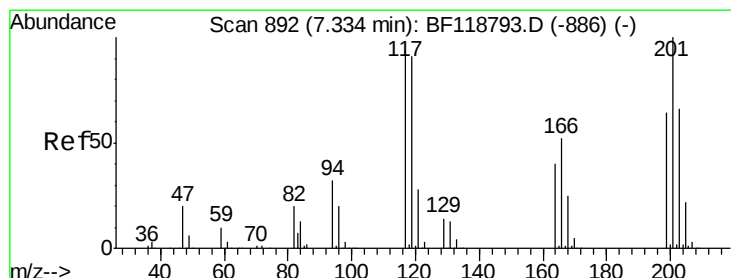
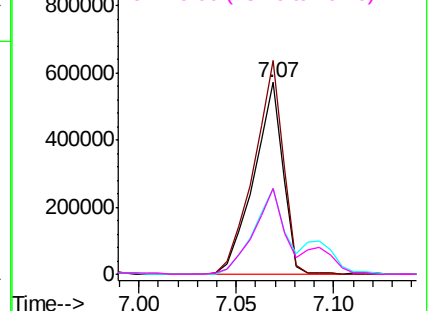
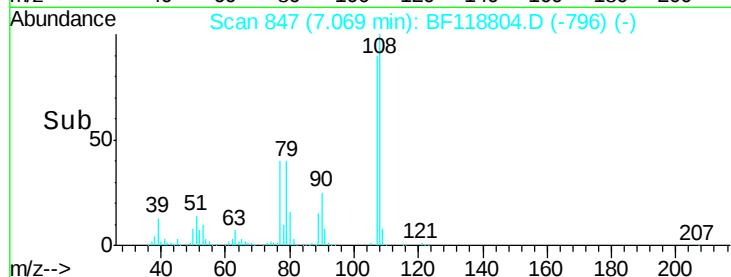
Abundance

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: 46.249 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

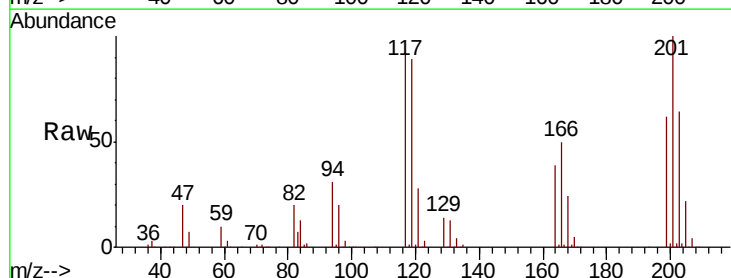
Tgt Ion:117 Resp: 277504

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

201 108.8 85.1 127.7

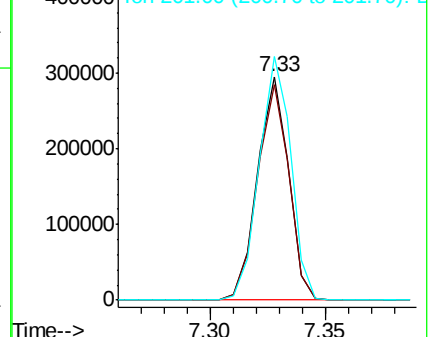
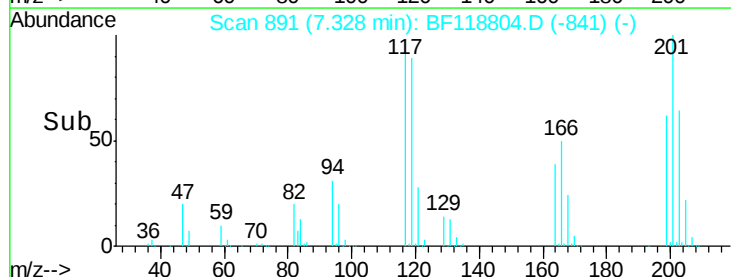


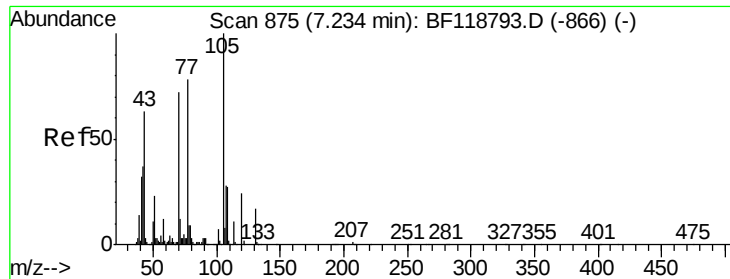
Abundance

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

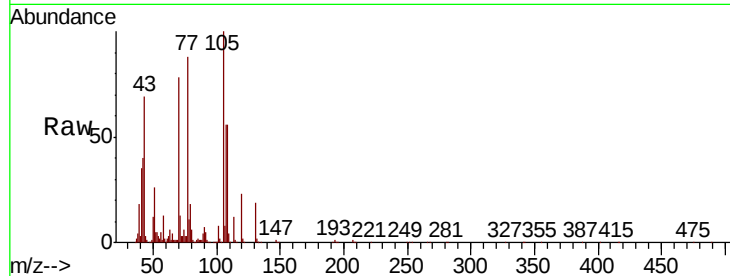




#19
n-Nitroso-di-n-propylamine
Concen: 48.623 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	466858
Ion	Ratio	Lower	Upper
70	100		
42	51.6	41.5	62.3
101	10.5	8.3	12.5
130	24.2	19.2	28.8



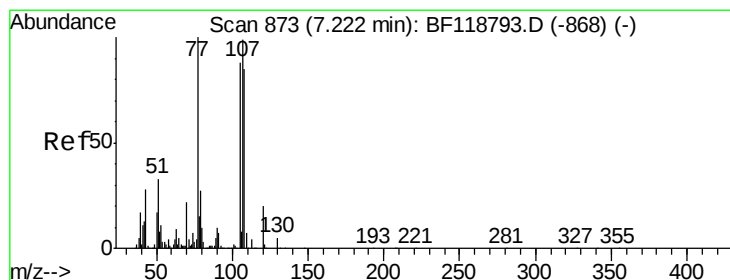
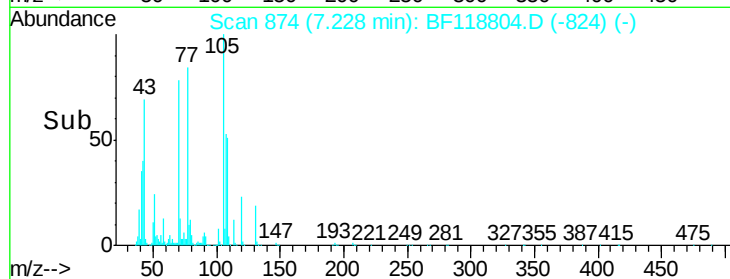
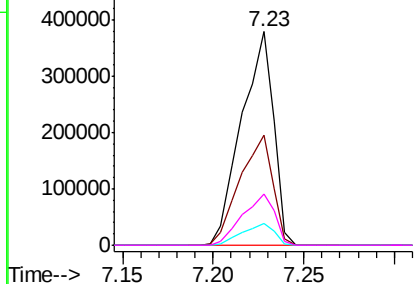
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 47.494 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:	107	Resp:	696893
Ion	Ratio	Lower	Upper
107	100		
108	92.9	65.9	105.9
77	110.7	80.9	120.9
79	31.5	7.5	47.5

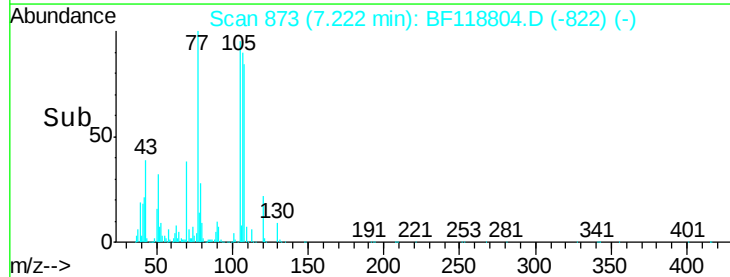
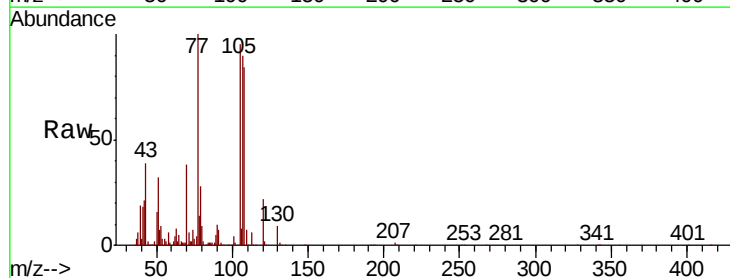
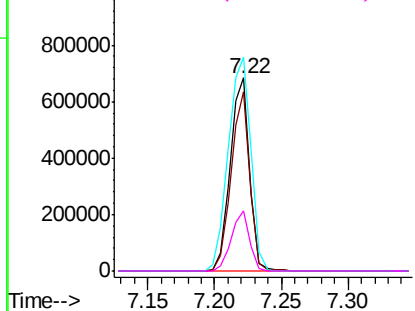
Abundance

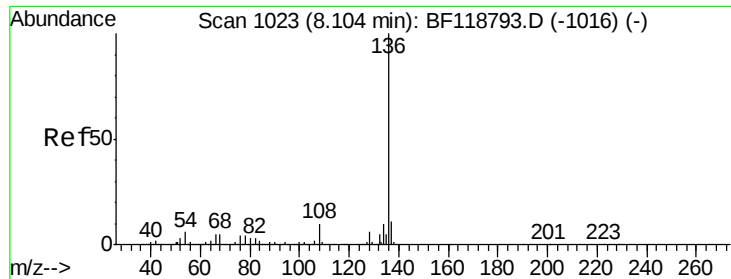
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

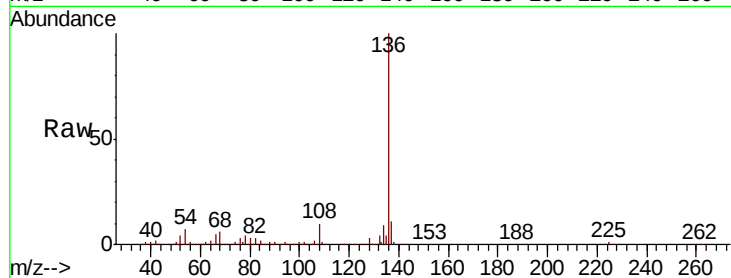




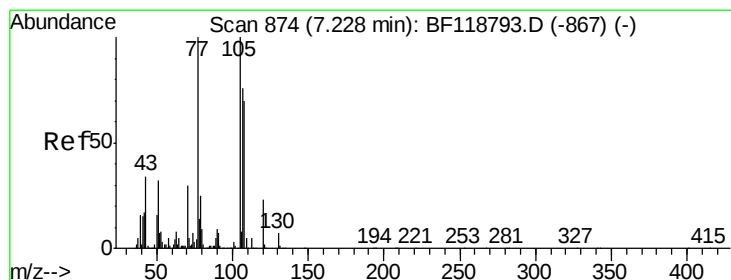
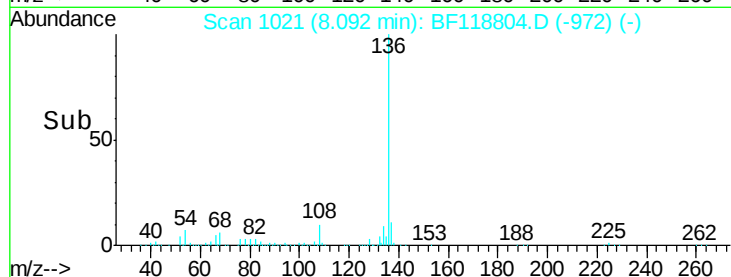
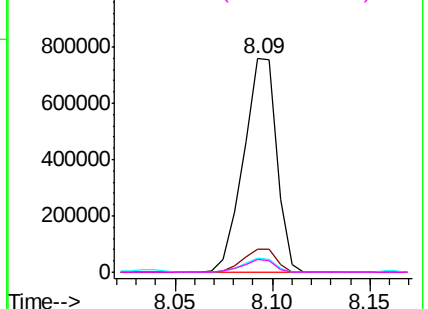
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	890694	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.7	13.1	
54 6.7	5.0	7.6	
68 5.8	4.2	6.4	

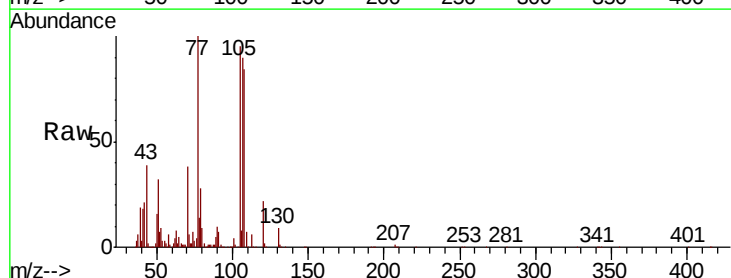


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

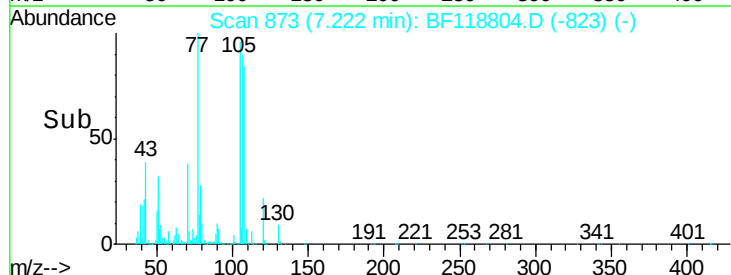
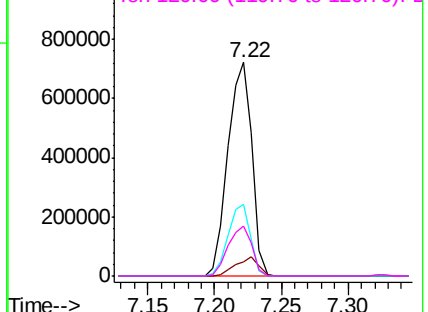


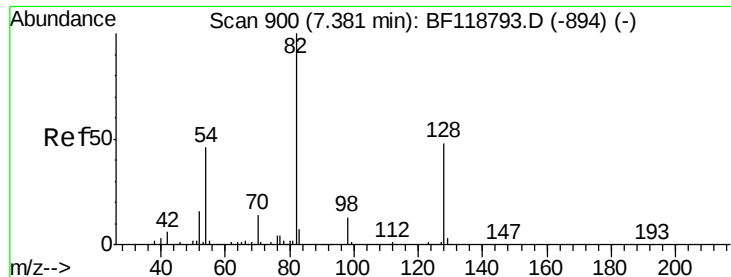
#22
Acetophenone
Concen: 47.167 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt	Ion:105	Resp:	912761
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.2	6.4#
51	33.7	25.5	38.3
120	23.5	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

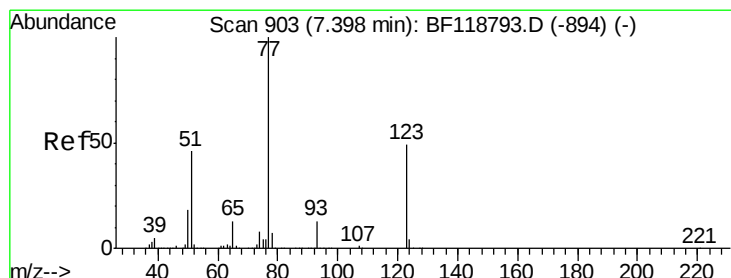
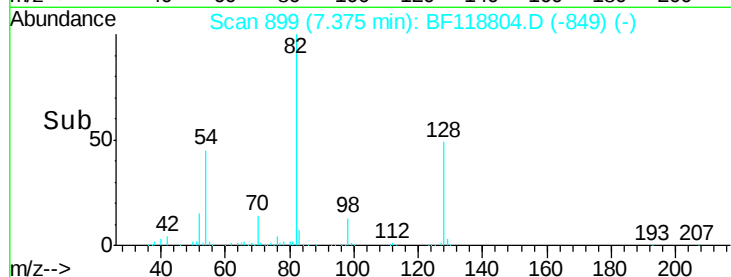
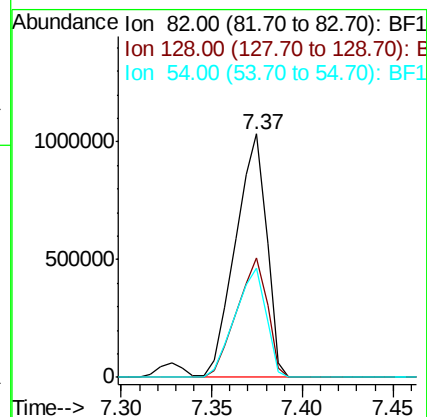
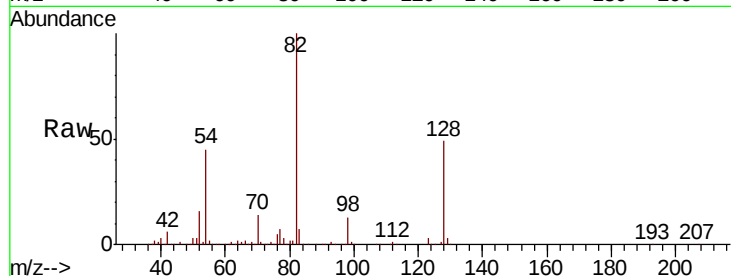




#23
 Nitrobenzene-d5
 Concen: 82.500 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

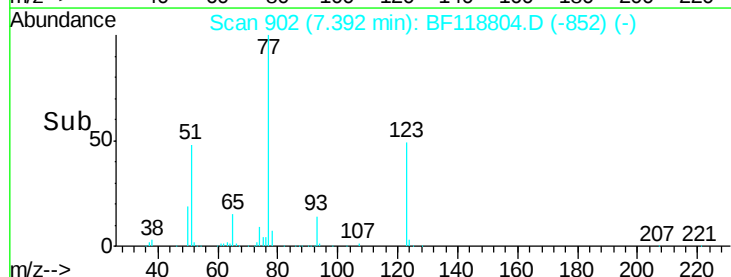
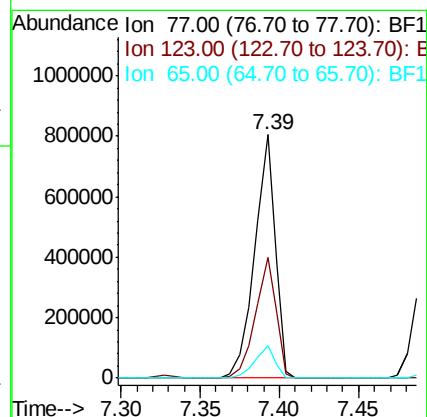
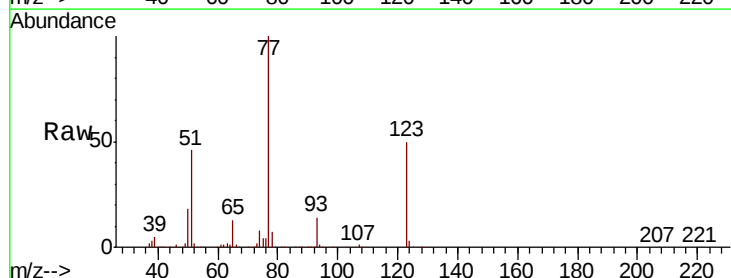
Instrument :
 BNA_F
 ClientSampleId :

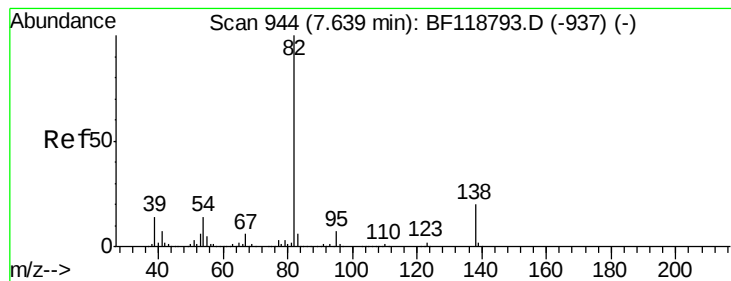
Tot Ion: 82 Resp: 1232815
 Ion Ratio Lower Upper
 82 100
 128 48.9 38.5 57.7
 54 44.6 36.7 55.1



#24
 Nitrobenzene
 Concen: 48.551 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion: 77 Resp: 724774
 Ion Ratio Lower Upper
 77 100
 123 49.8 39.0 58.4
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 49.975 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

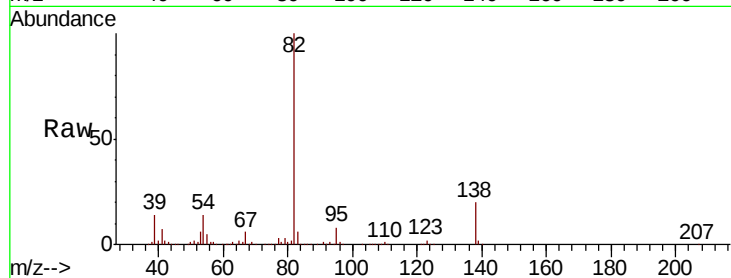
Tot Ion: 82 Resp: 1342129

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

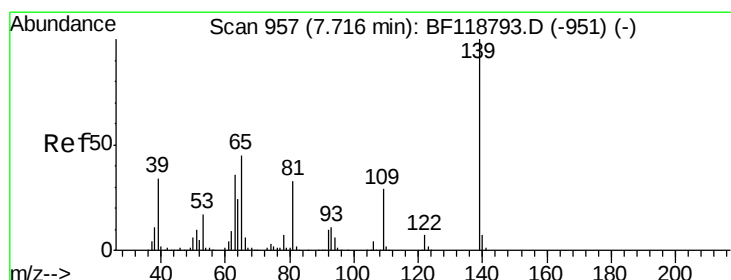
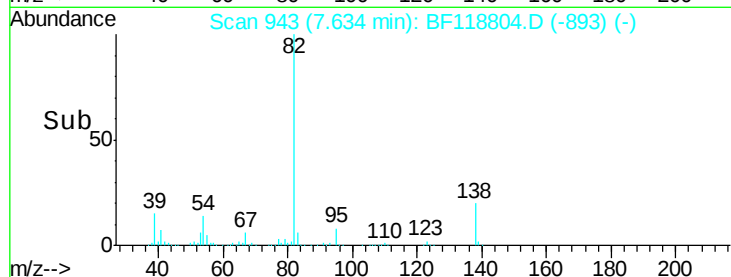
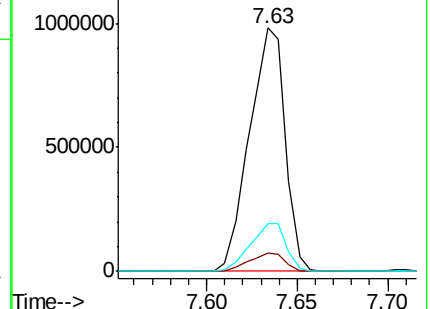
138 19.6 15.7 23.5



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: 50.101 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

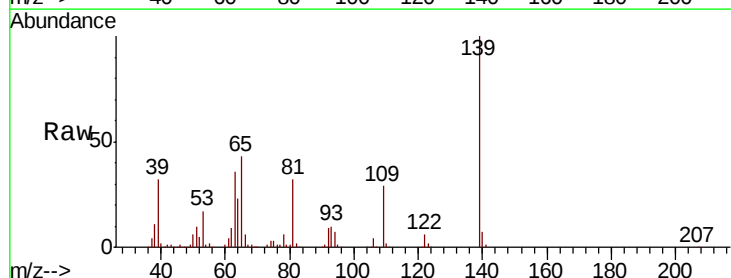
Tgt Ion:139 Resp: 398538

Ion Ratio Lower Upper

139 100

109 28.6 23.4 35.0

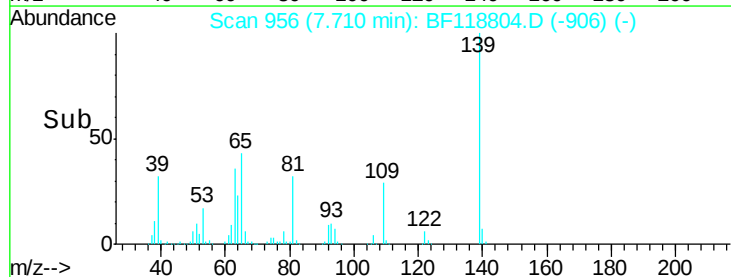
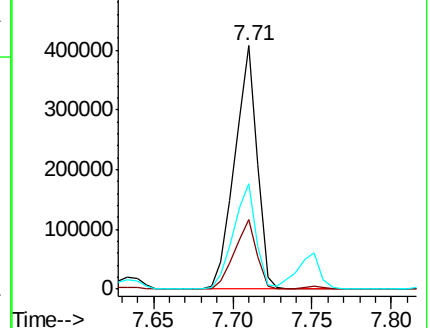
65 43.5 36.2 54.2

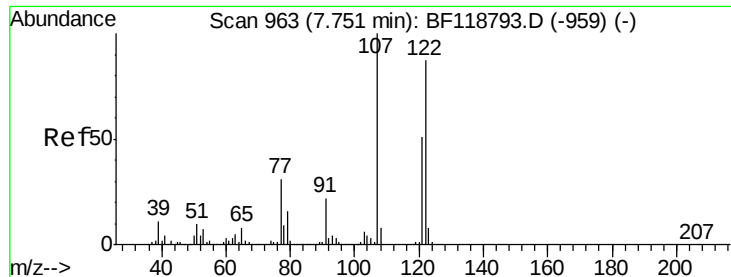


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 58.920 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

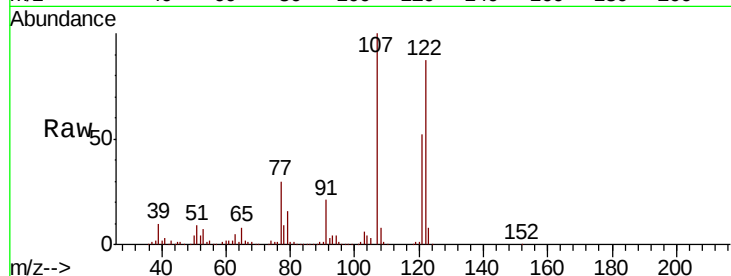
Tot Ion:122 Resp: 636676

Ion Ratio Lower Upper

122 100

107 114.6 92.2 138.2

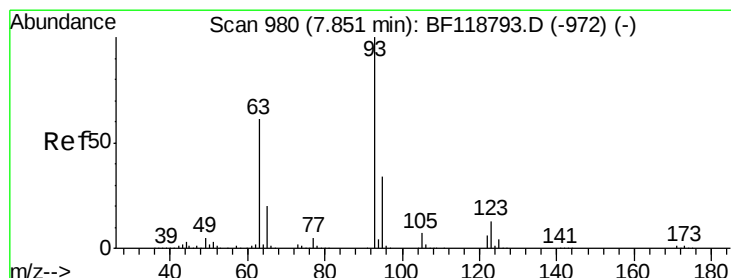
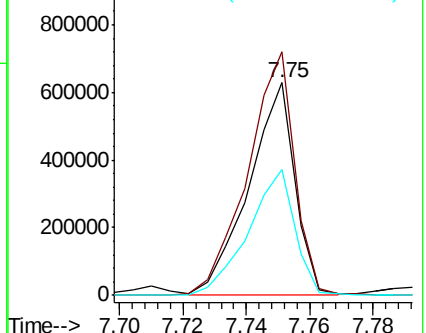
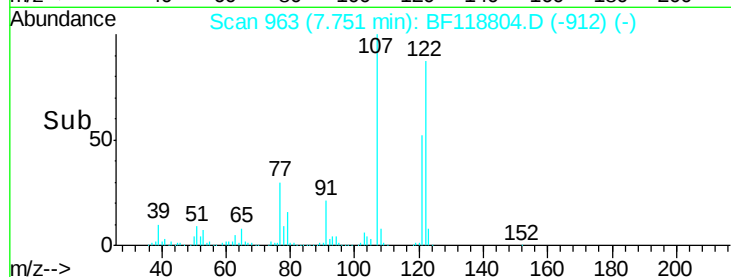
121 59.1 46.8 70.2



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: 47.478 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

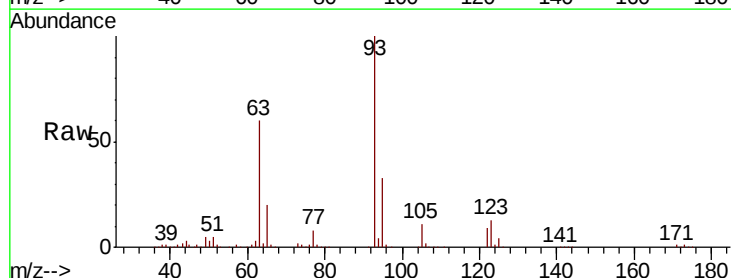
Tgt Ion: 93 Resp: 826822

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

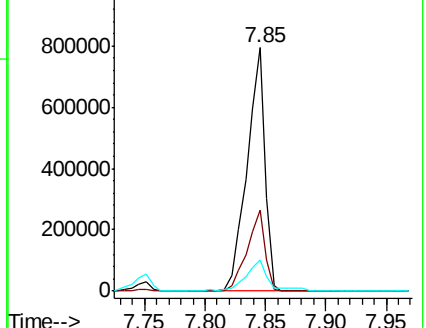
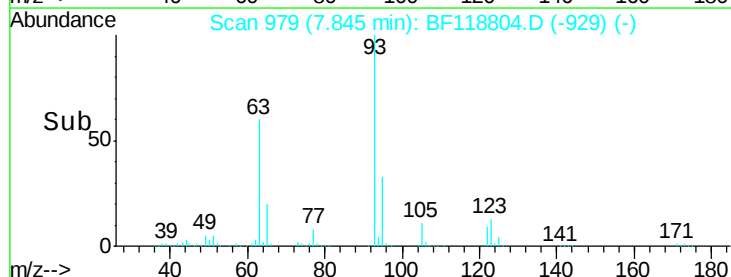
123 12.9 10.6 15.8

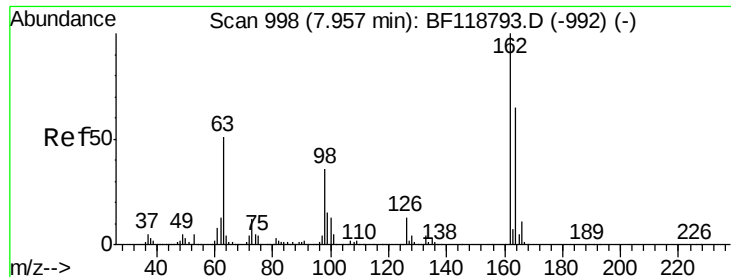


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.967 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

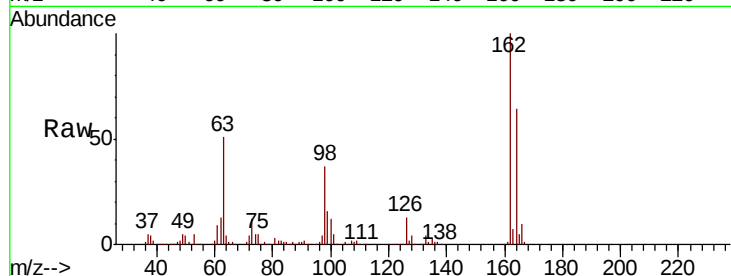
Tot Ion:162 Resp: 646606

Ion Ratio Lower Upper

162 100

164 64.0 44.8 84.8

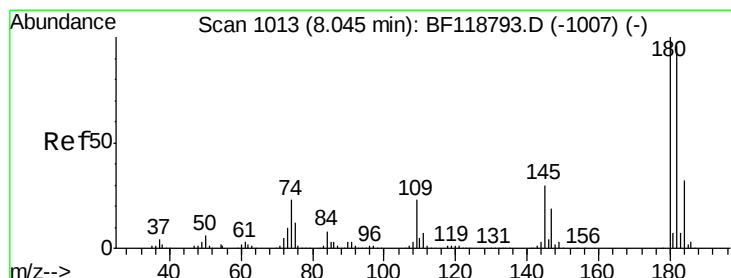
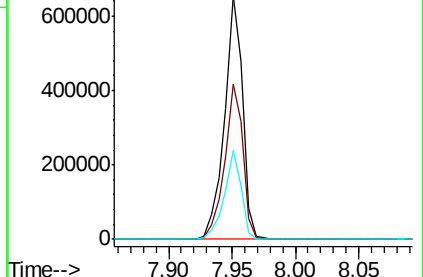
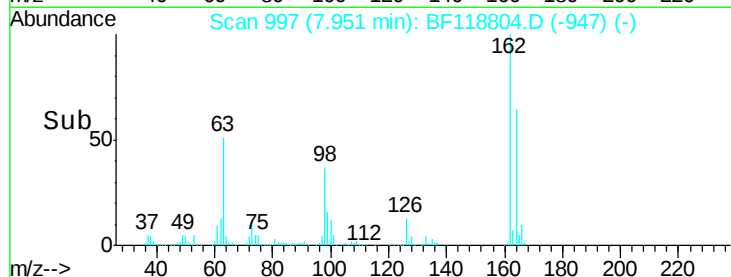
98 36.7 16.4 56.4



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: 47.058 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

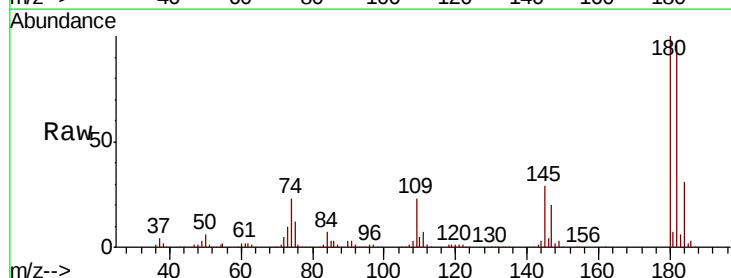
Tgt Ion:180 Resp: 711788

Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

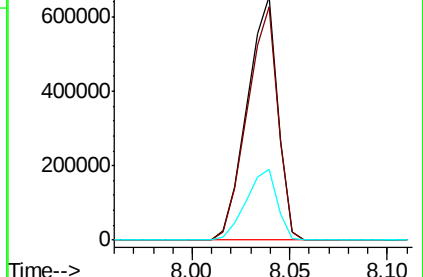
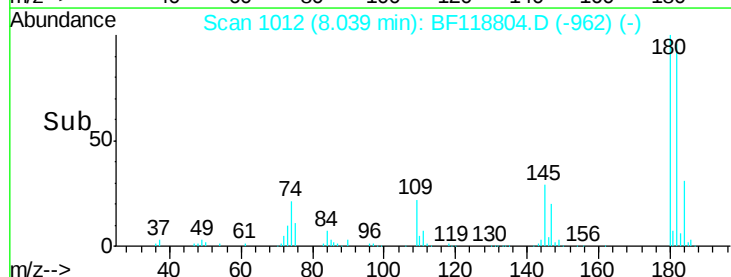
145 29.2 24.0 36.0

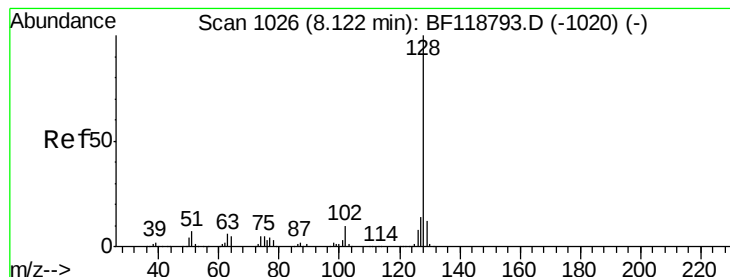


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.320 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

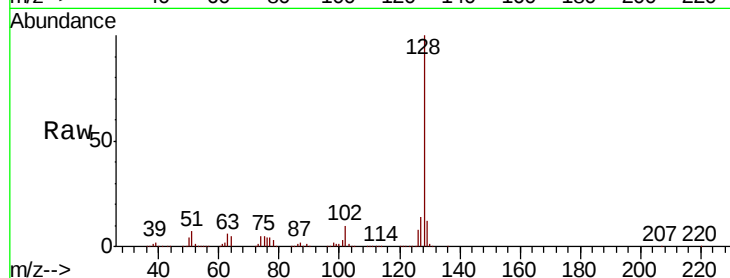
Tot Ion:128 Resp: 2049875

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

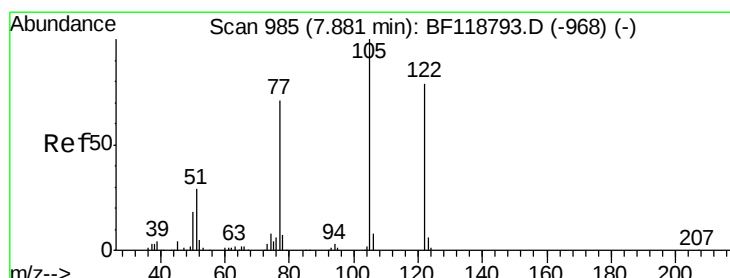
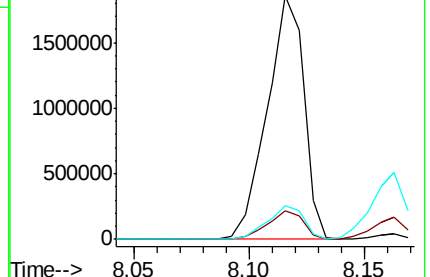
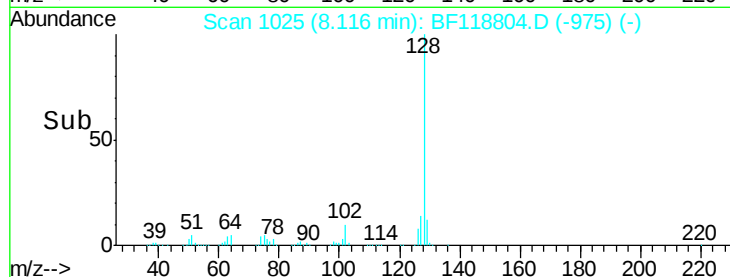
127 13.7 11.3 16.9



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: 48.517 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

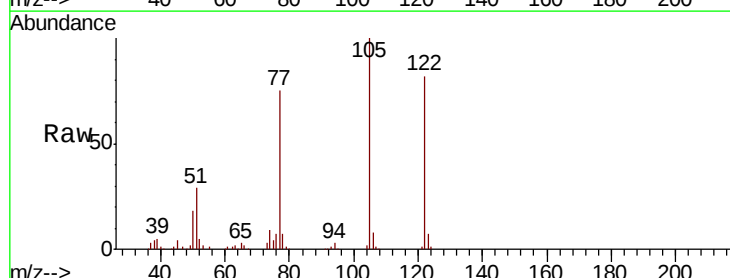
Tgt Ion:122 Resp: 434057

Ion Ratio Lower Upper

122 100

105 121.2 104.4 144.4

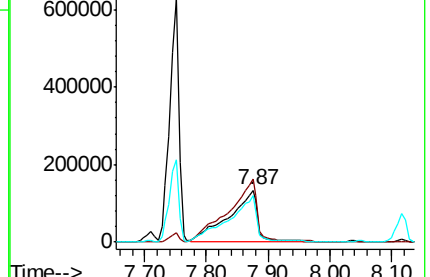
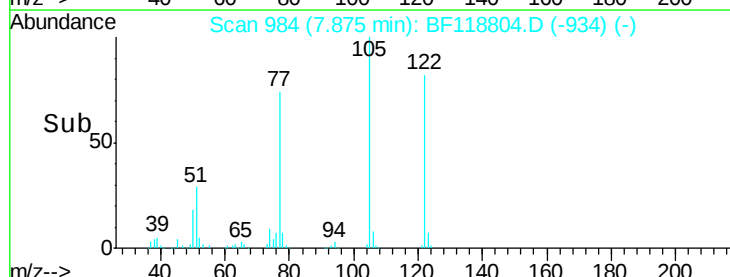
77 90.3 69.3 109.3

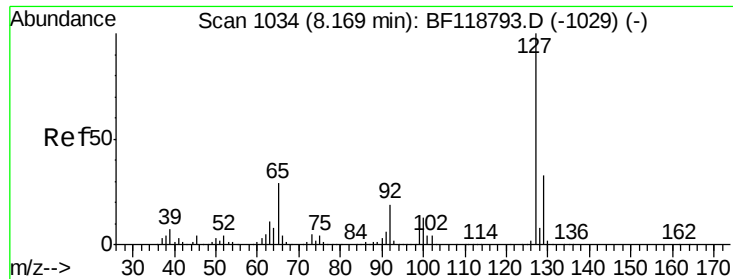


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

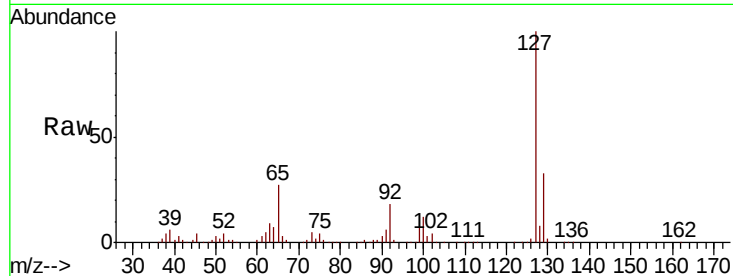




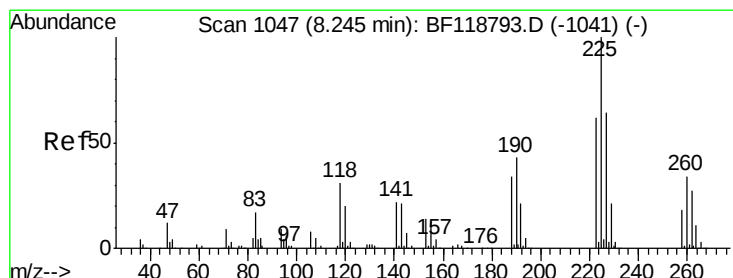
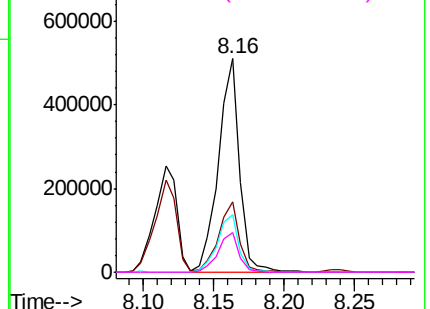
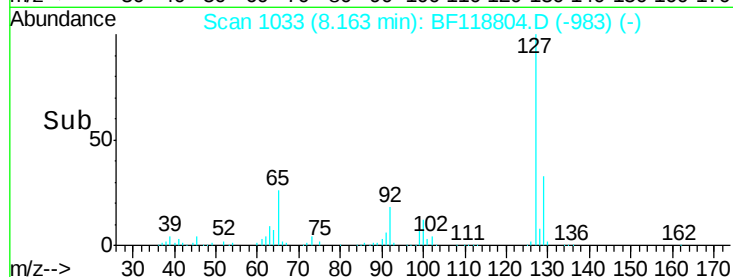
#33
4-Chloroaniline
Concen: 28.944 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	527510
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	27.2	22.9	34.3
92	18.4	15.4	23.0

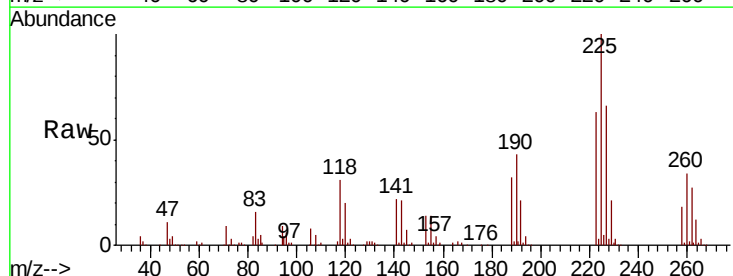


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

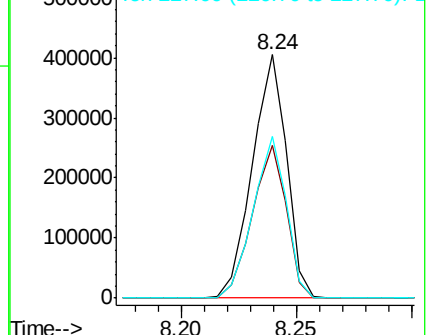
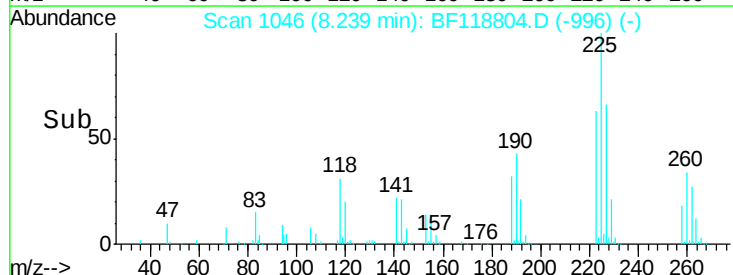


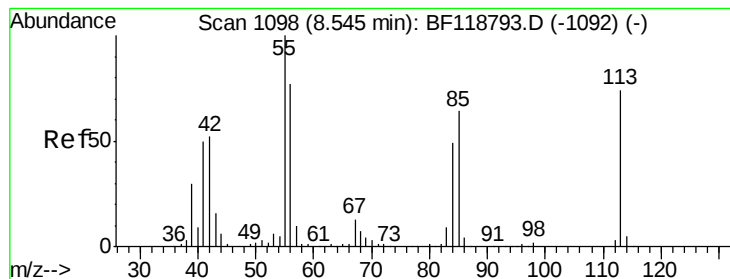
#34
Hexachlorobutadiene
Concen: 45.254 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:	225	Resp:	419367
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	66.3	51.0	76.4



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





#35

Caprolactam

Concen: 28.159 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

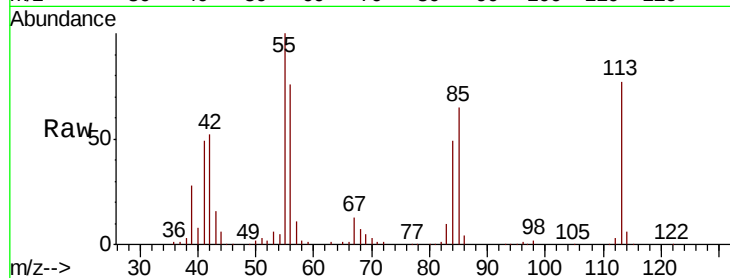
Tot Ion:113 Resp: 118129

Ion Ratio Lower Upper

113 100

55 129.4 115.5 155.5

56 98.3 83.7 123.7

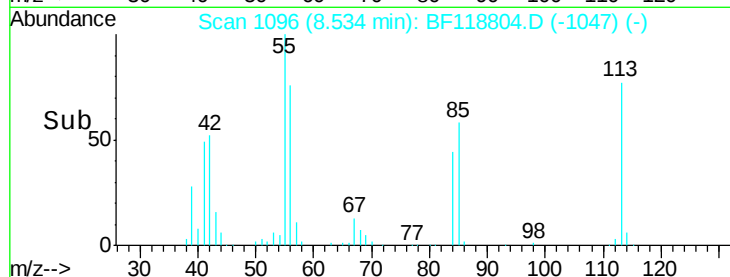


Abundance Ion 113.00 (112.70 to 113.70): E

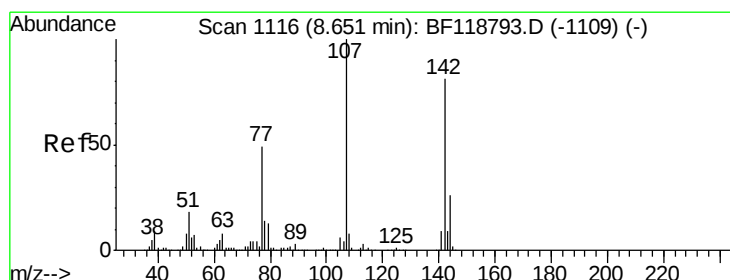
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 51.093 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

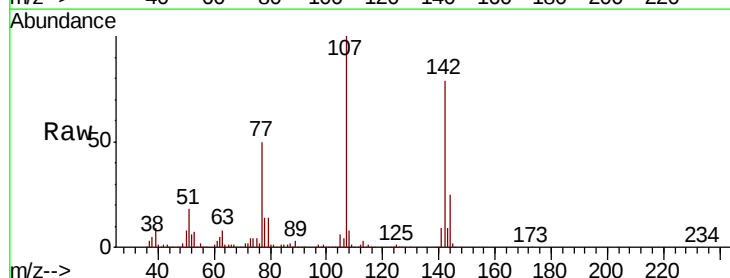
Tgt Ion:107 Resp: 665384

Ion Ratio Lower Upper

107 100

144 25.5 21.0 31.6

142 78.9 64.8 97.2

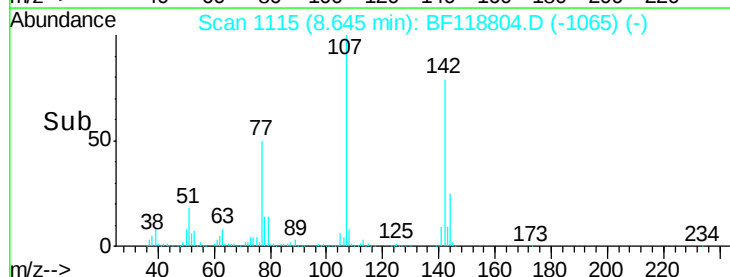


Abundance Ion 107.00 (106.70 to 107.70): E

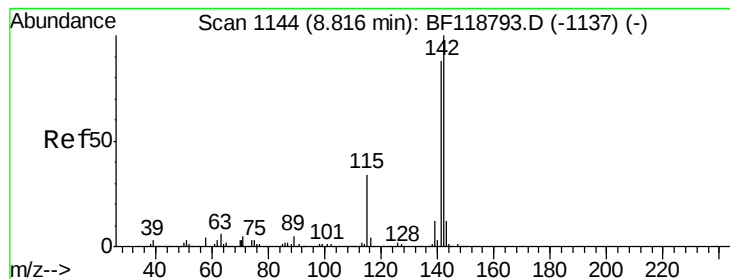
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



#37

2-Methylnaphthalene

Concen: 50.816 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

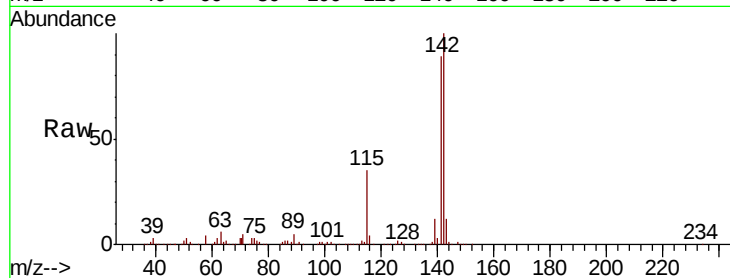
Tot Ion:142 Resp: 1435706

Ion Ratio Lower Upper

142 100

141 89.4 70.1 105.1

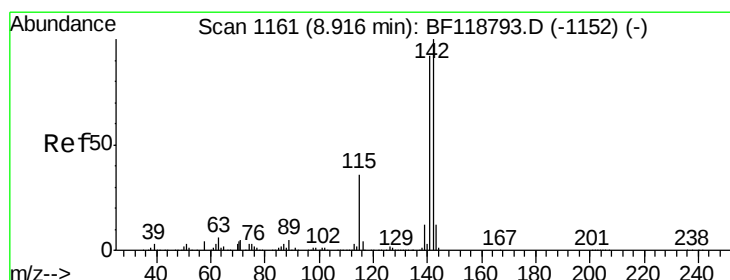
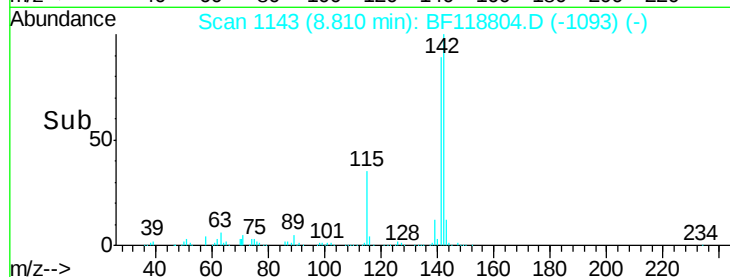
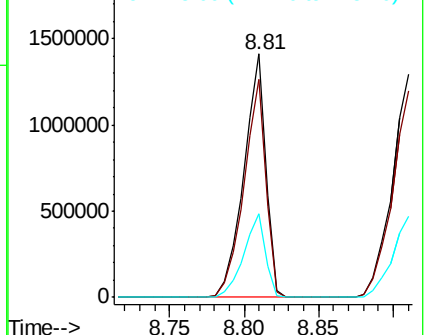
115 34.6 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.743 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

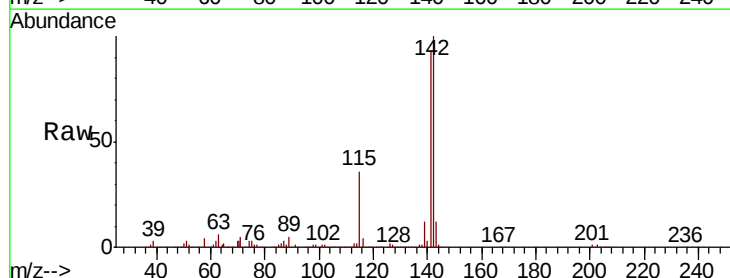
Tgt Ion:142 Resp: 1348640

Ion Ratio Lower Upper

142 100

141 92.9 73.8 110.6

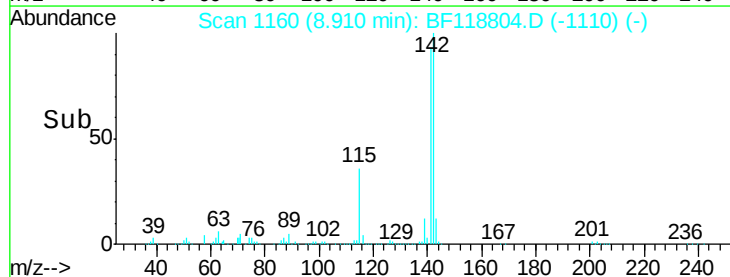
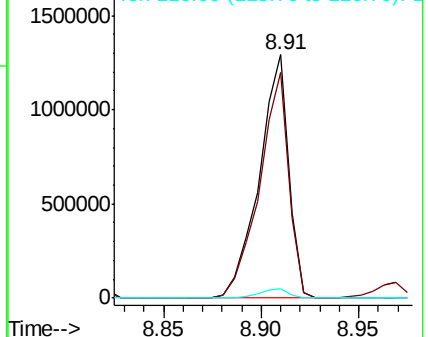
116 3.9 3.0 4.4

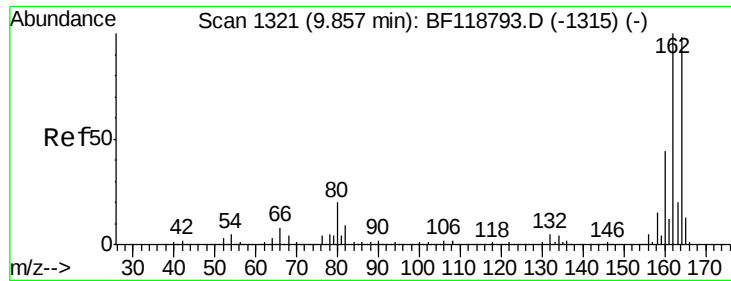


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

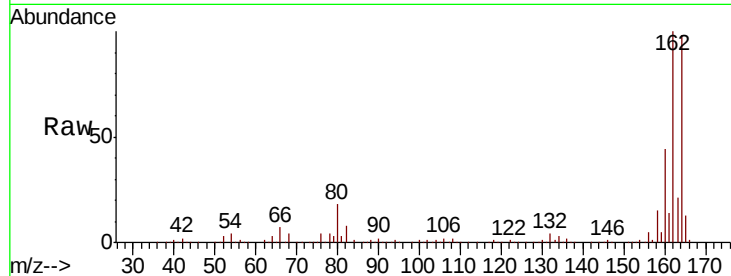




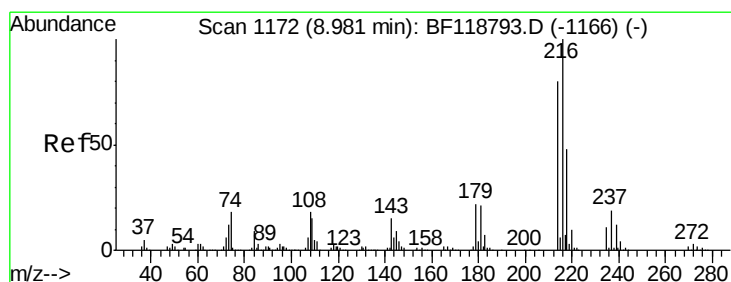
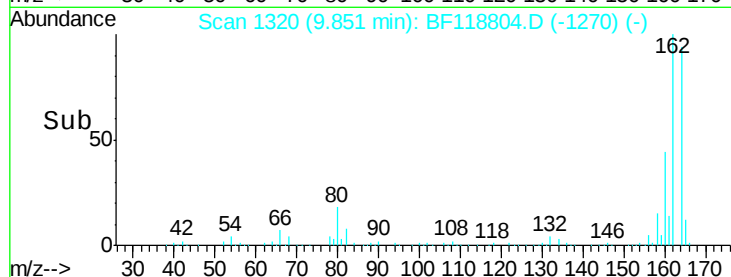
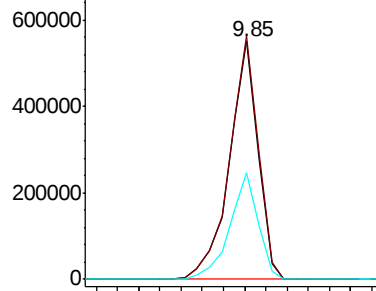
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 520264
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.2
160 45.0 35.6 53.4

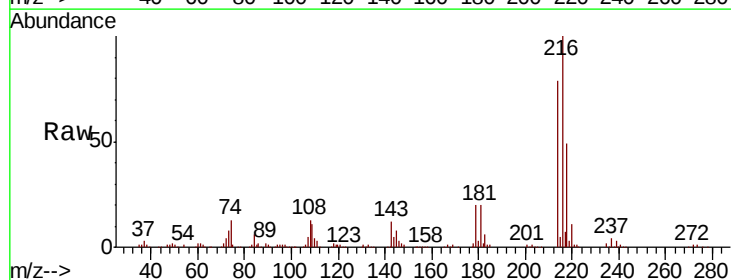


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

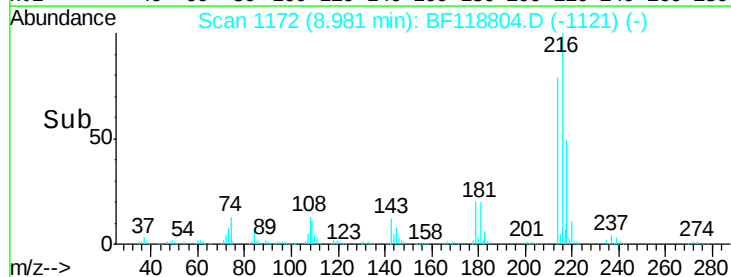
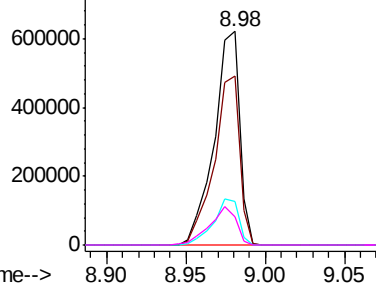


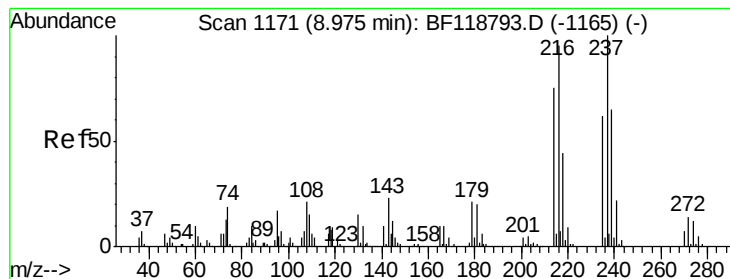
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.031 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:216 Resp: 691370
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 21.3 17.0 25.6
108 18.7 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: 122.119 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

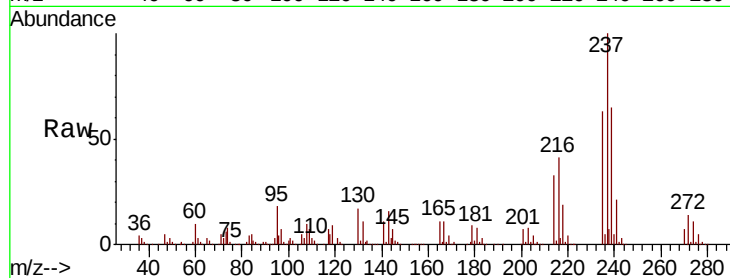
Tot Ion:237 Resp: 751886

Ion Ratio Lower Upper

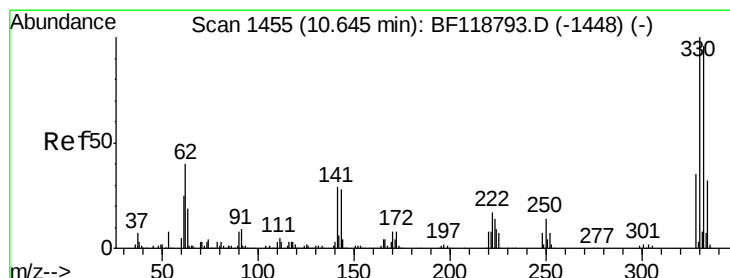
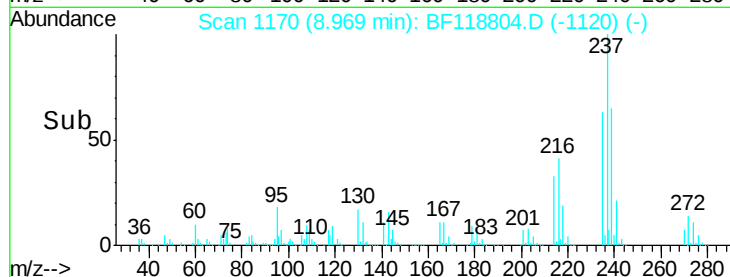
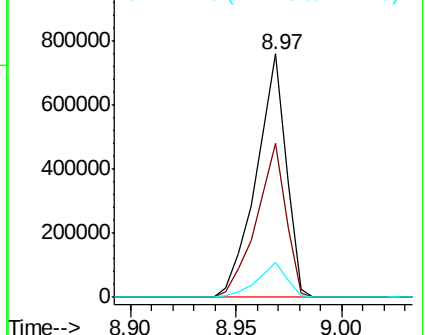
237 100

235 63.4 42.1 82.1

272 14.4 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: 89.251 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

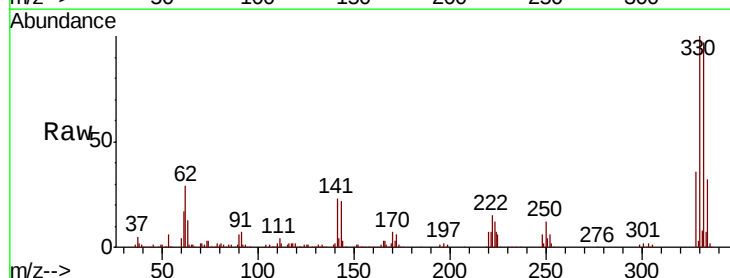
Tgt Ion:330 Resp: 555599

Ion Ratio Lower Upper

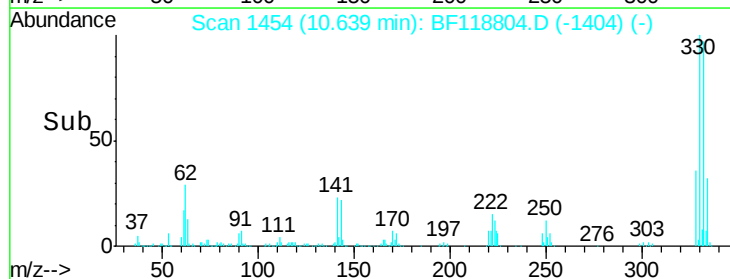
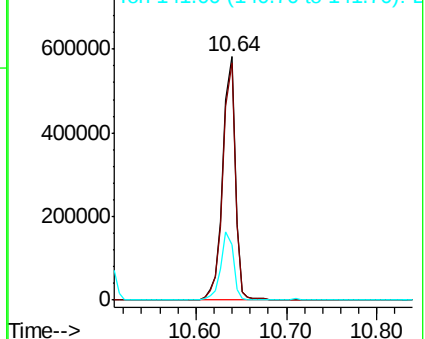
330 100

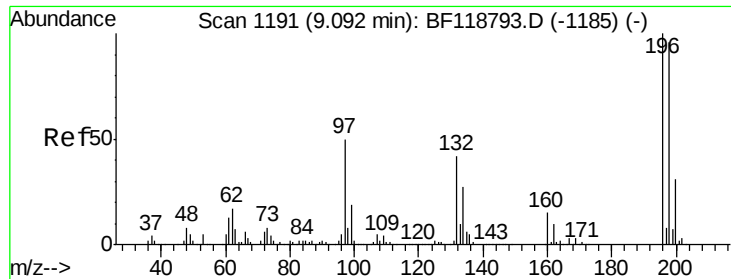
332 96.6 77.3 115.9

141 28.2 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

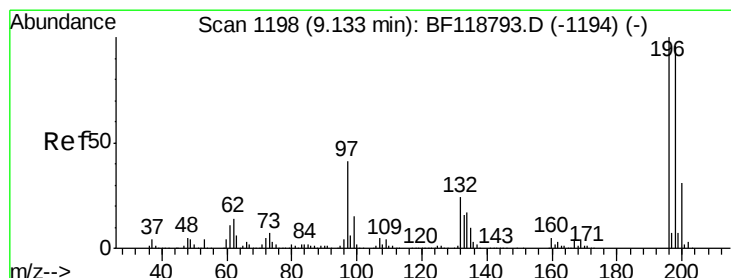
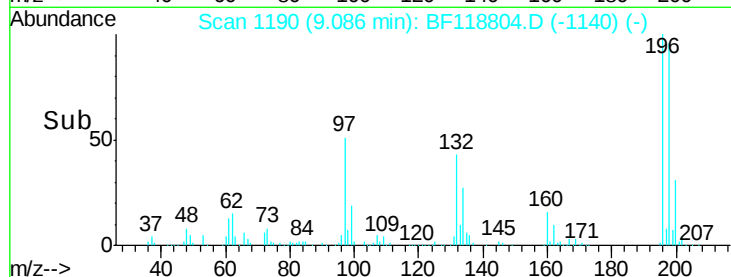
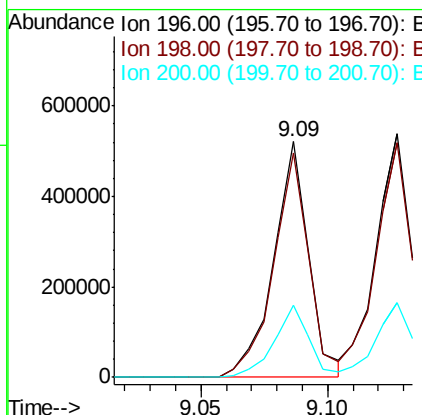
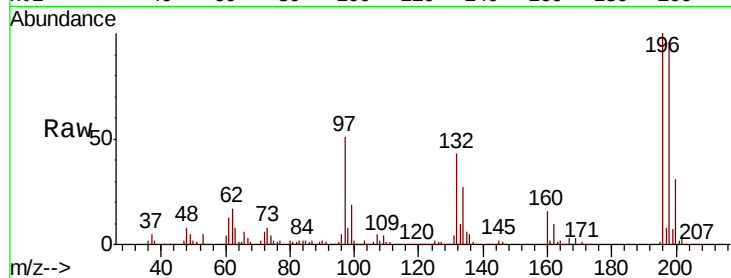




#43
 2,4,6-Trichlorophenol
 Concen: 48.127 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

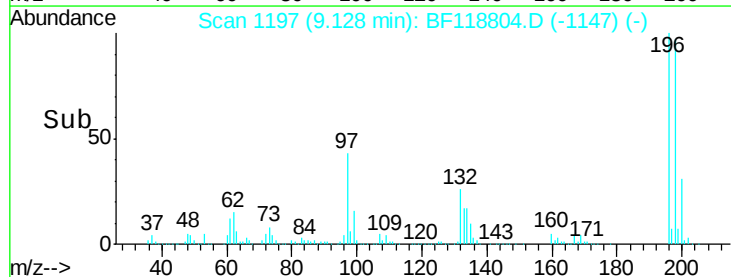
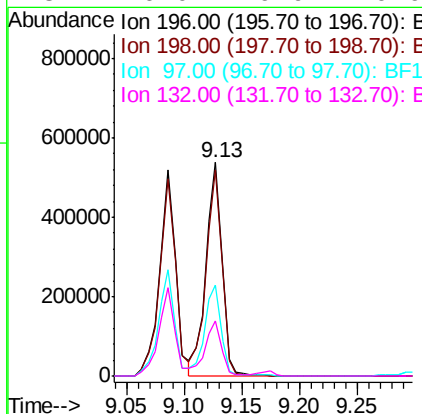
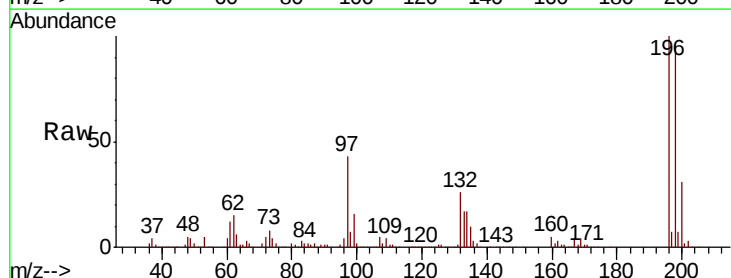
Instrument :
 BNA_F
 ClientSampled :

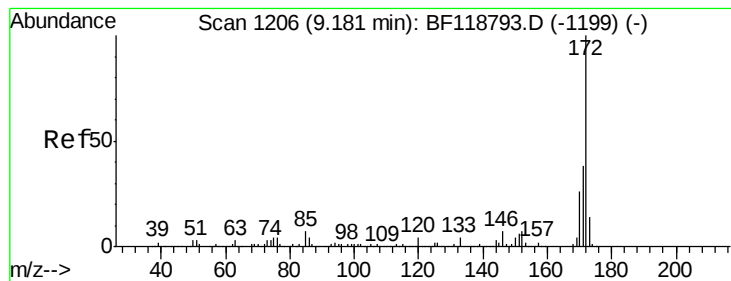
Tot Ion:196 Resp: 505333
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.7 115.1
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.650 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion:196 Resp: 521942
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.0 115.4
 97 42.8 32.9 49.3
 132 26.0 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 88.310 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

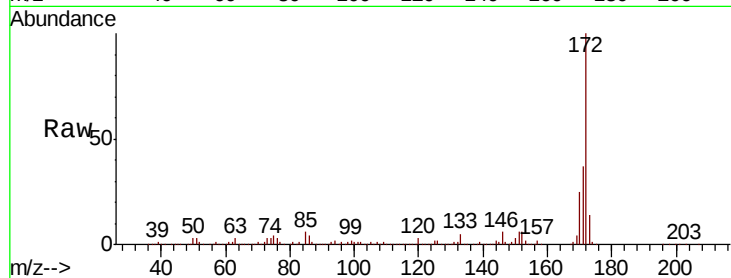
Tot Ion:172 Resp: 2570031

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

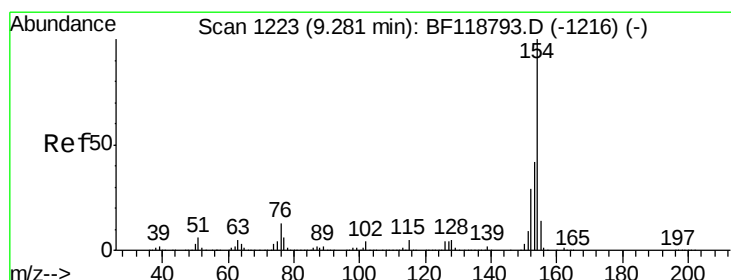
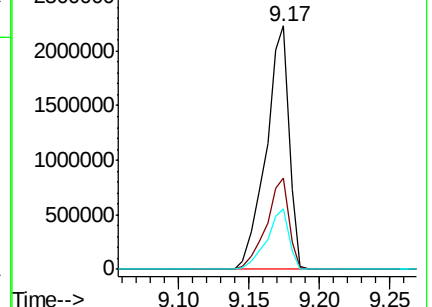
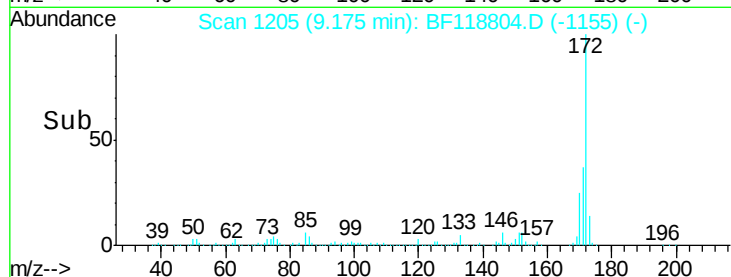
170 24.8 20.5 30.7



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: 47.887 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

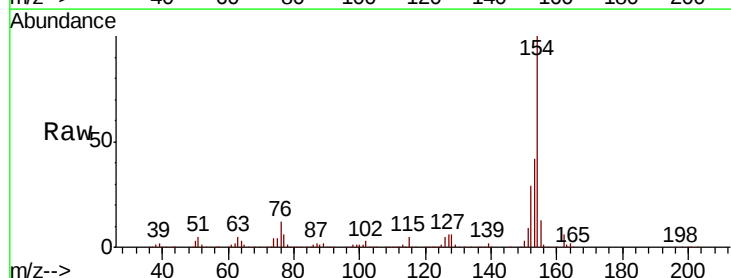
Tgt Ion:154 Resp: 1723390

Ion Ratio Lower Upper

154 100

153 41.6 22.4 62.4

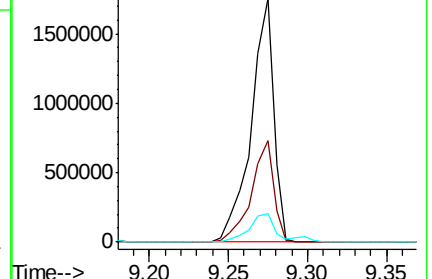
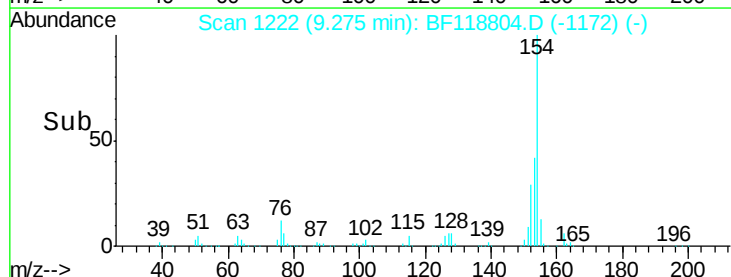
76 12.0 0.0 32.7

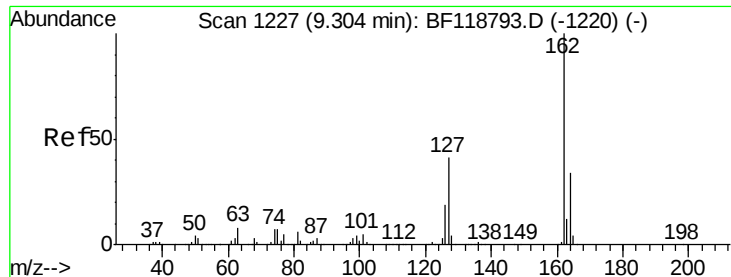


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

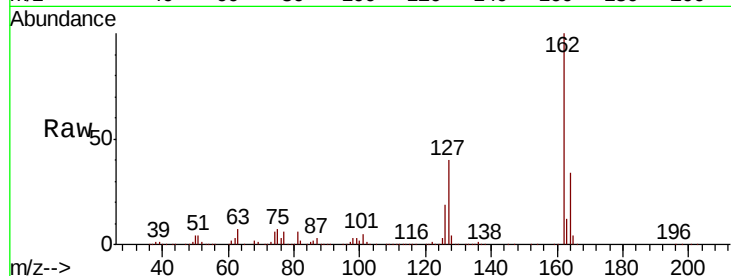




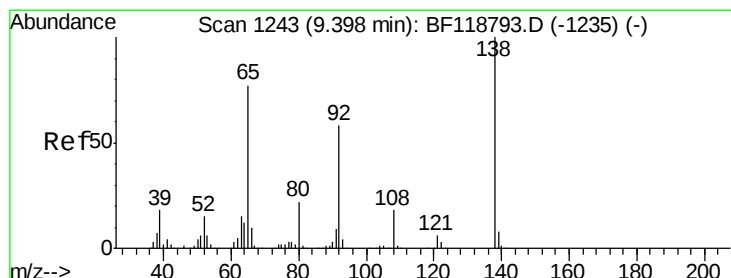
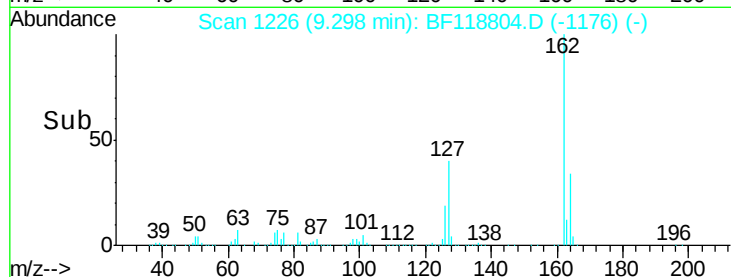
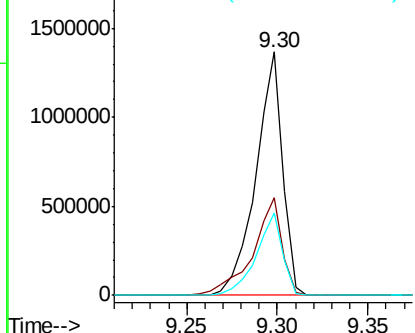
#47
 2-Chloronaphthalene
 Concen: 46.751 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1398741
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.3 49.9
 164 33.6 27.1 40.7

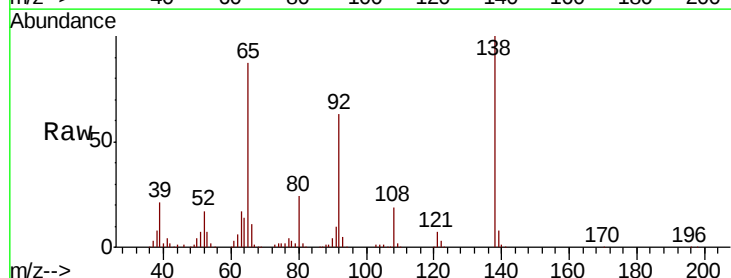


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

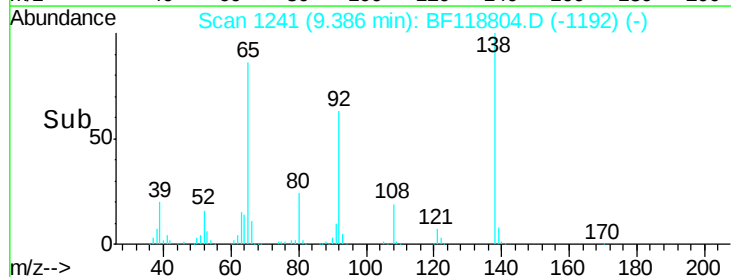
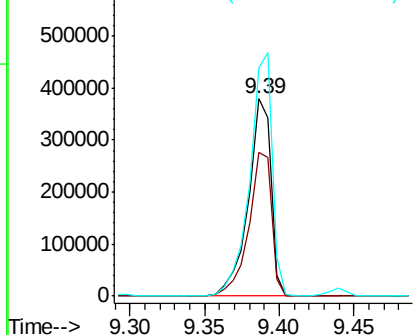


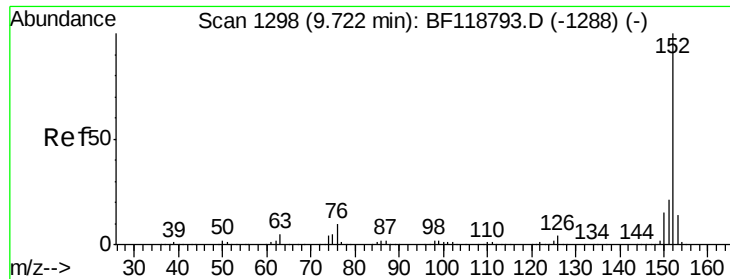
#48
 2-Nitroaniline
 Concen: 45.993 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion: 65 Resp: 396881
 Ion Ratio Lower Upper
 65 100
 92 72.8 60.6 91.0
 138 115.5 104.6 156.8



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: 50.130 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

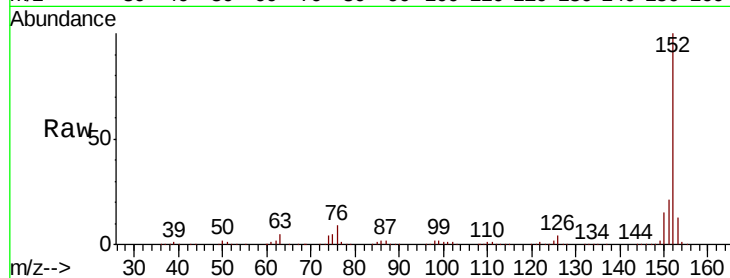
Tot Ion:152 Resp: 2165549

Ion Ratio Lower Upper

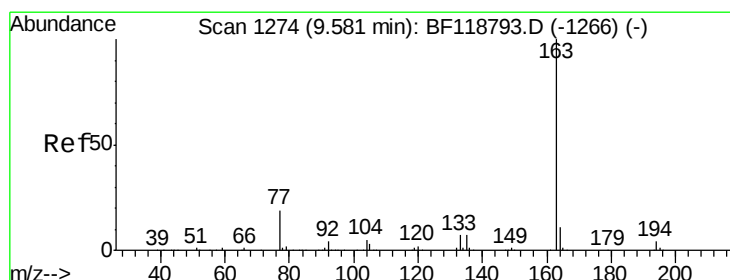
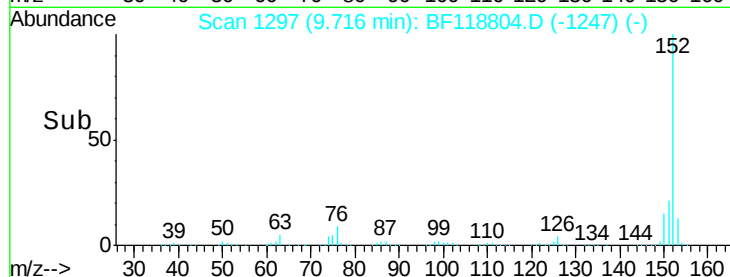
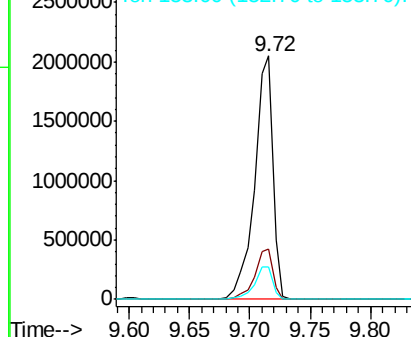
152 100

151 20.9 17.1 25.7

153 13.4 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: 47.468 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

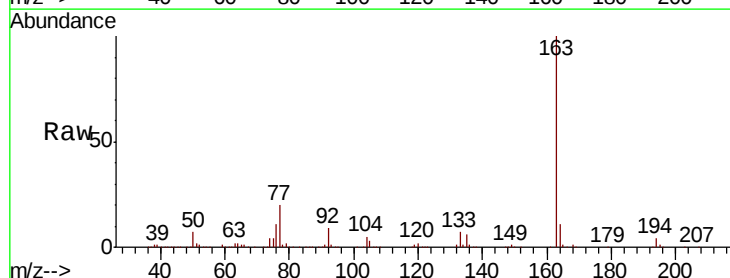
Tgt Ion:163 Resp: 1681556

Ion Ratio Lower Upper

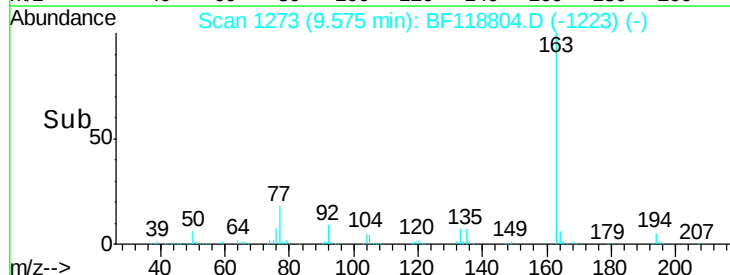
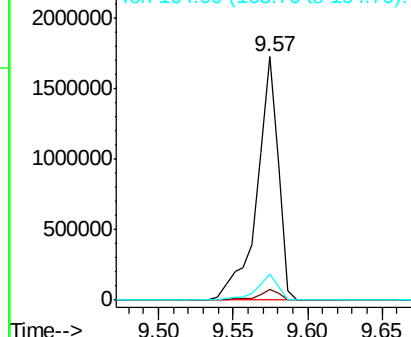
163 100

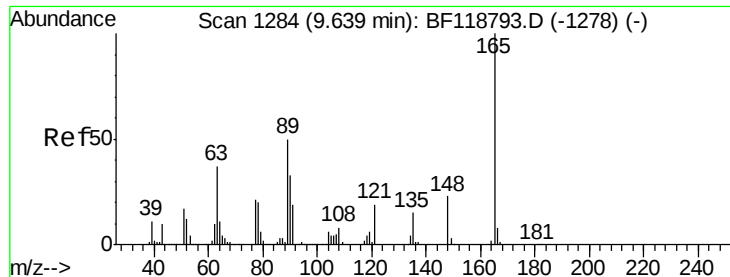
194 4.5 3.6 5.4

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: 48.729 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

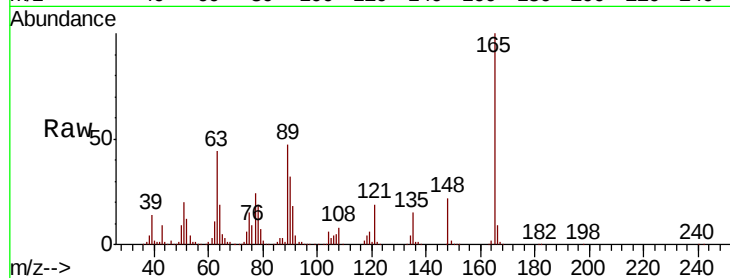
Tot Ion:165 Resp: 394976

Ion Ratio Lower Upper

165 100

63 43.9 37.4 56.0

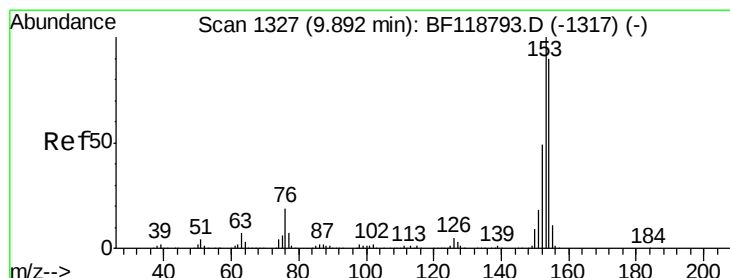
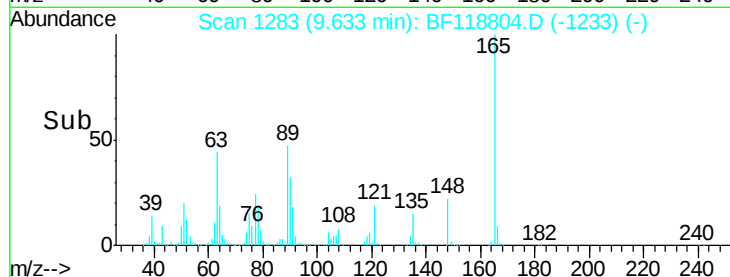
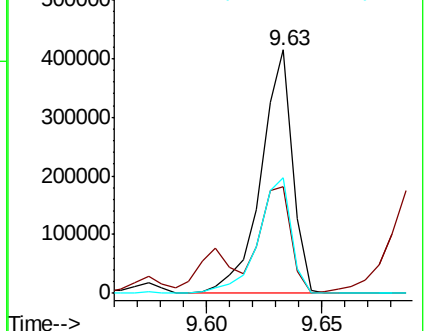
89 47.4 39.7 59.5



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: 51.746 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

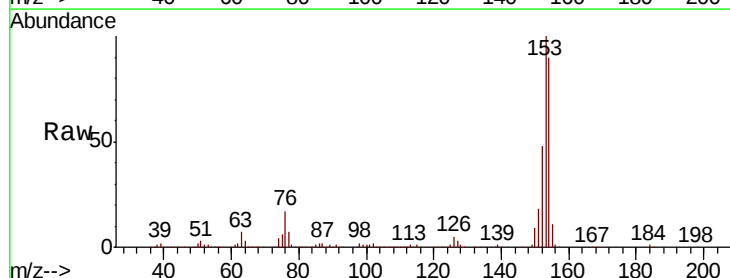
Tgt Ion:154 Resp: 1473010

Ion Ratio Lower Upper

154 100

153 111.2 89.4 134.0

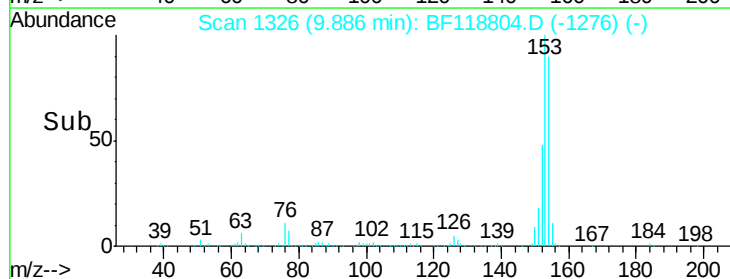
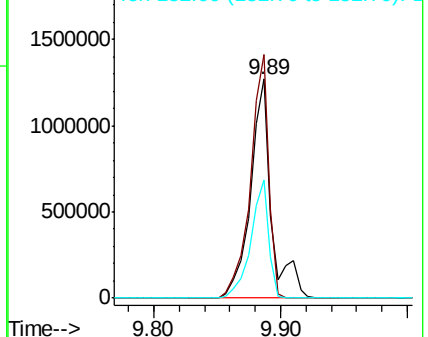
152 53.8 43.6 65.4

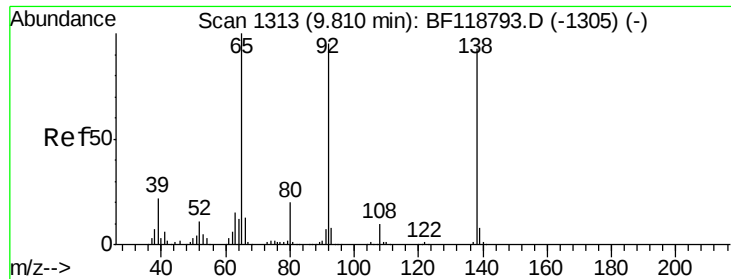


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

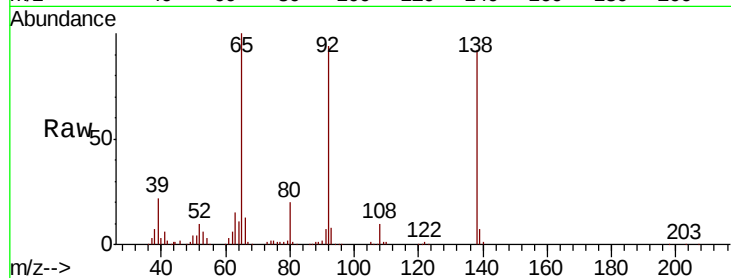




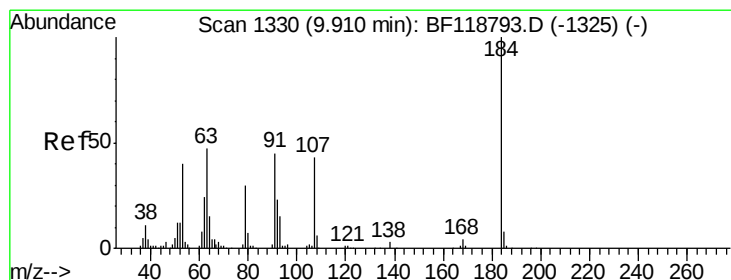
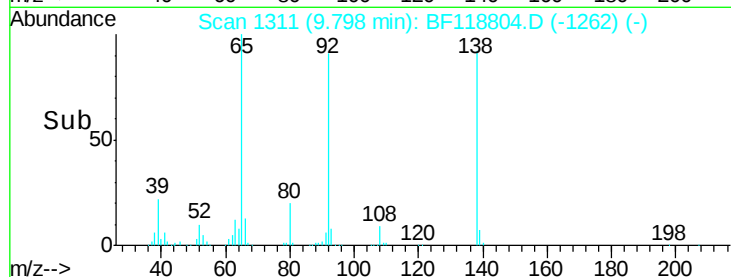
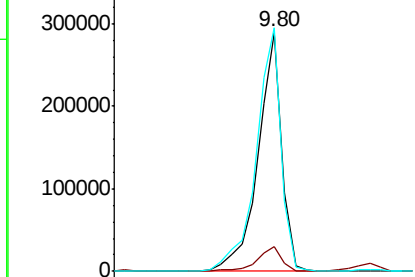
#53
3-Nitroaniline
Concen: 29.249 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 262930
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 102.1 82.2 123.4

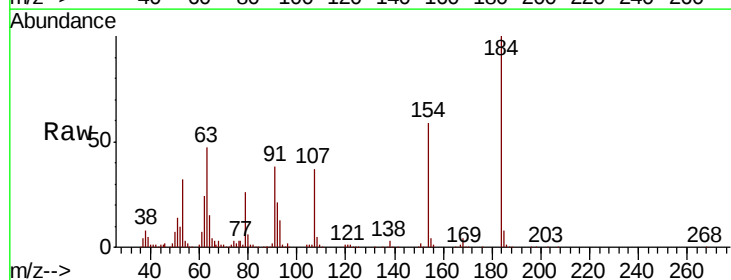


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

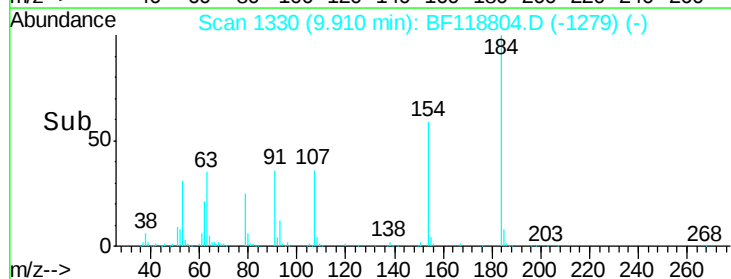
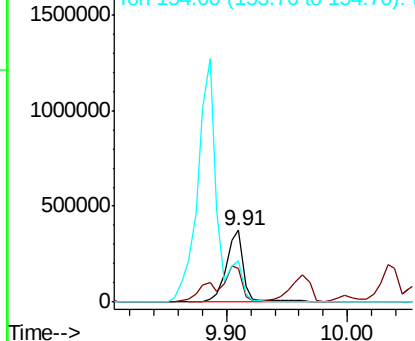


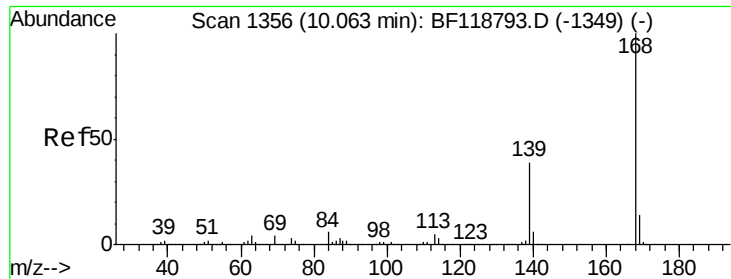
#54
2,4-Dinitrophenol
Concen: 96.305 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:184 Resp: 375269
Ion Ratio Lower Upper
184 100
63 47.0 47.5 71.3#
154 58.7 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

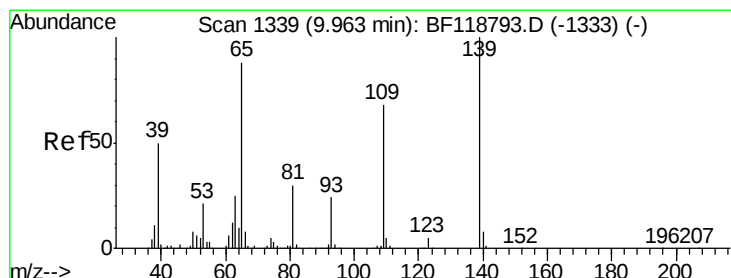
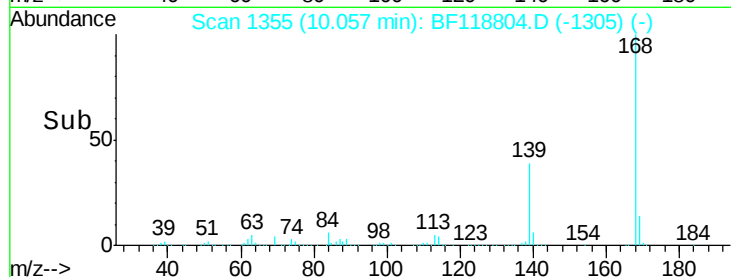
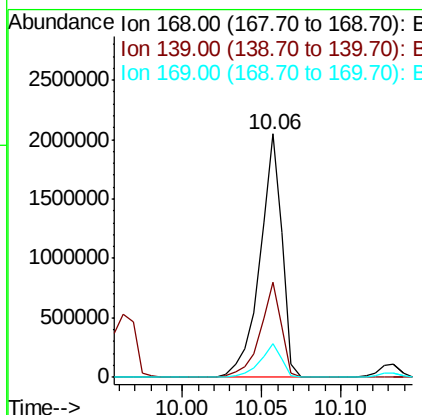
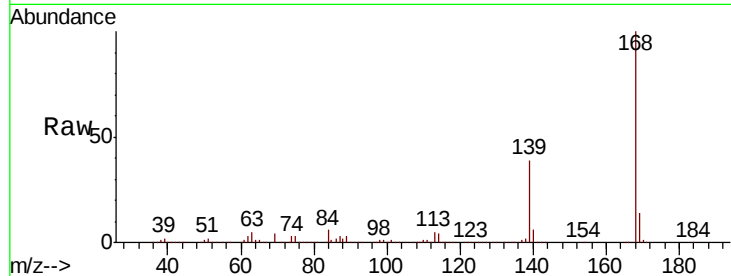




#55
Dibenzofuran
Concen: 48.126 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

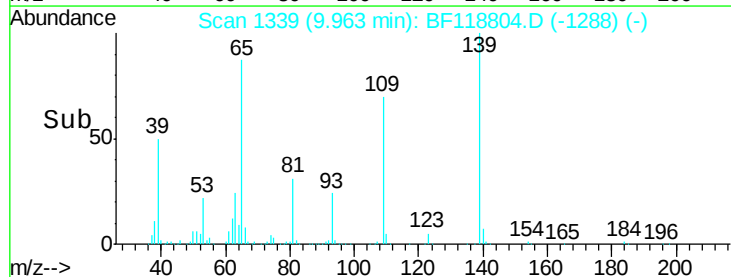
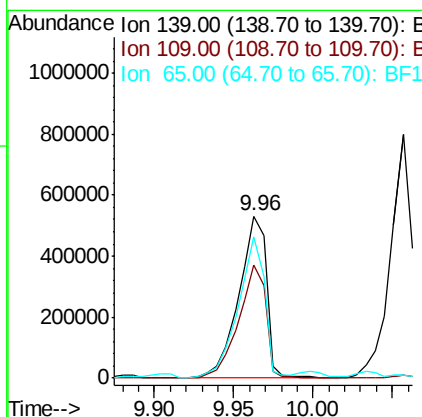
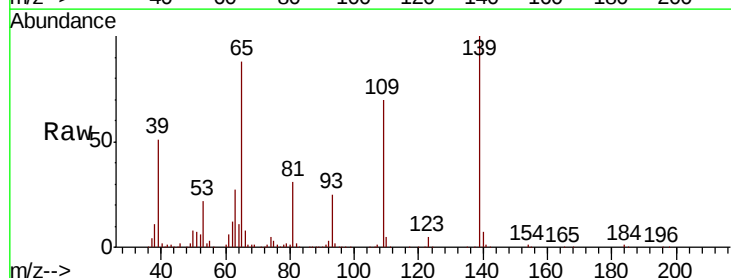
Instrument :
BNA_F
ClientSampled :

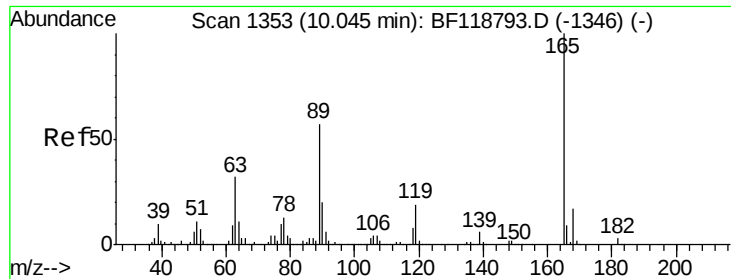
Tot Ion:168 Resp: 1979849
Ion Ratio Lower Upper
168 100
139 39.0 31.6 47.4
169 14.1 11.4 17.2



#56
4-Nitrophenol
Concen: 98.352 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:139 Resp: 639875
Ion Ratio Lower Upper
139 100
109 69.5 48.0 88.0
65 87.6 68.3 108.3

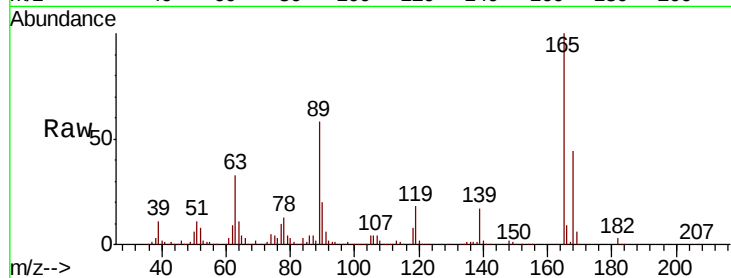




#57
2,4-Dinitrotoluene
Concen: 49.549 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	165	100		
63	63	32.6	25.5	38.3
89	89	58.0	45.4	68.0
182	182	3.2	2.4	3.6



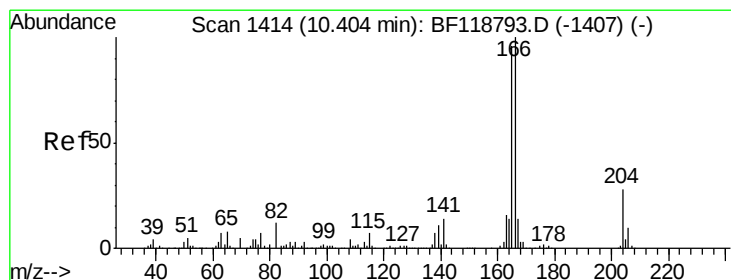
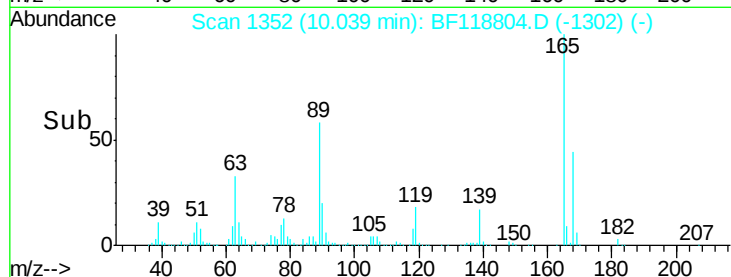
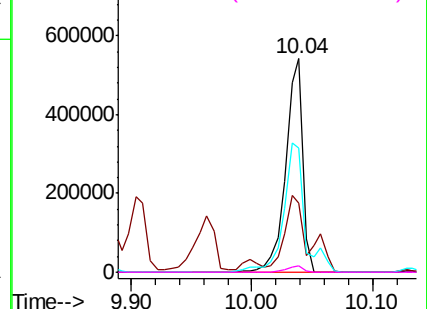
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

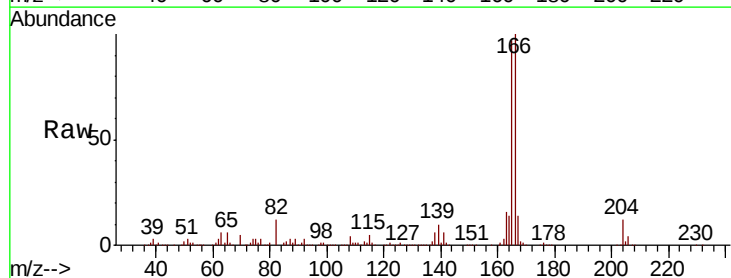
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.694 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
166	166	100		
165	165	97.5	77.0	115.6
167	167	13.9	11.1	16.7

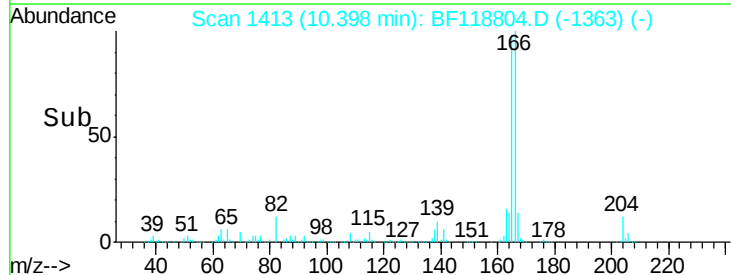
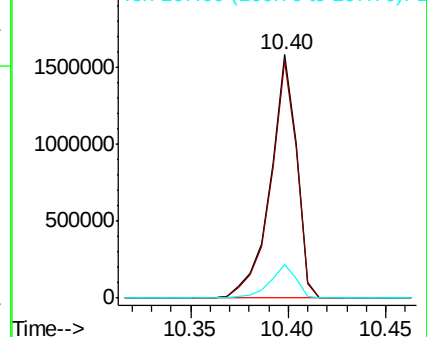


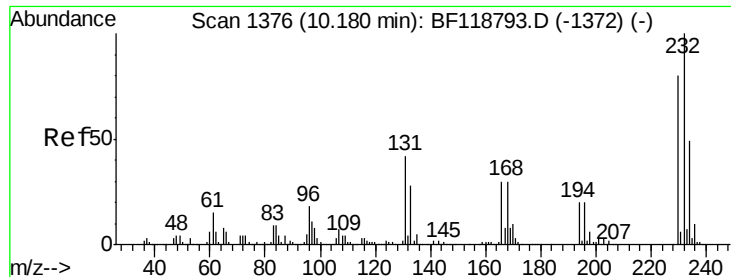
Abundance

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: 49.045 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 459530

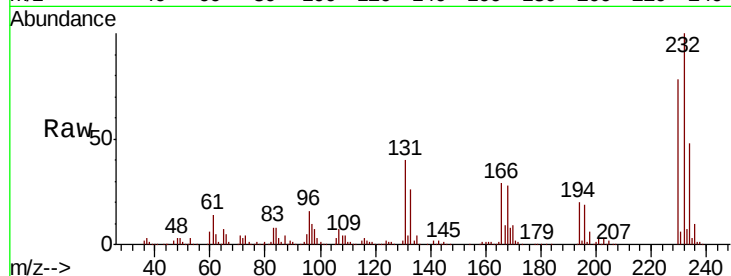
Ion Ratio Lower Upper

232 100

131 39.7 31.8 47.6

130 2.0 1.6 2.4

166 28.7 23.1 34.7

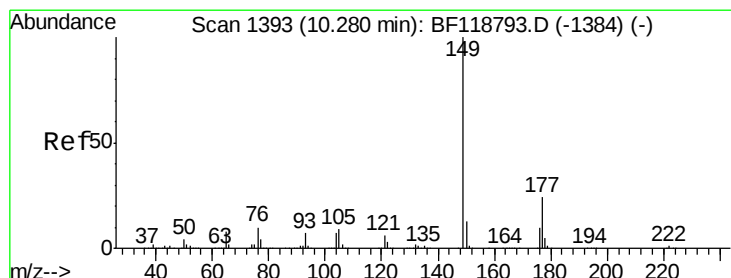
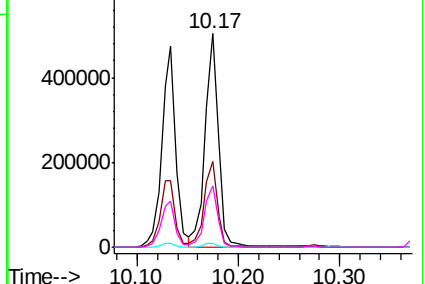
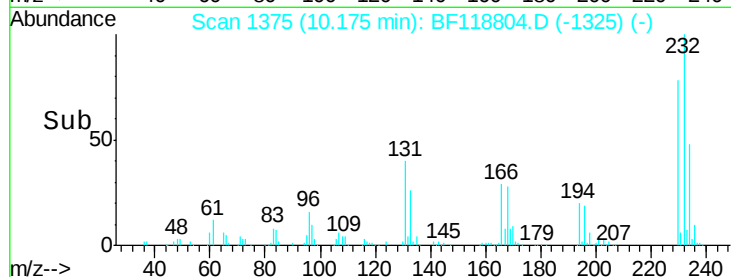


Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.046 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

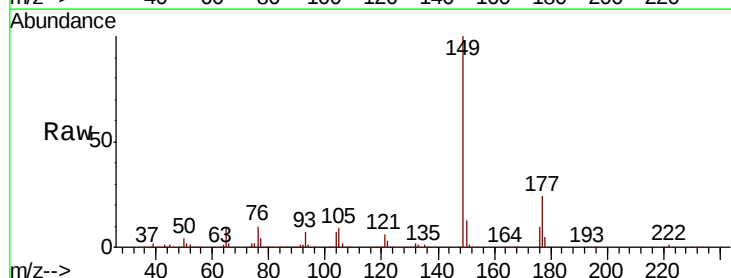
Tgt Ion:149 Resp: 1620597

Ion Ratio Lower Upper

149 100

177 23.9 19.3 28.9

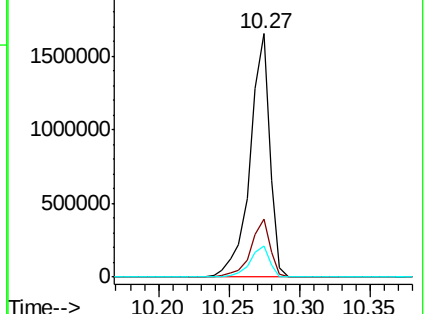
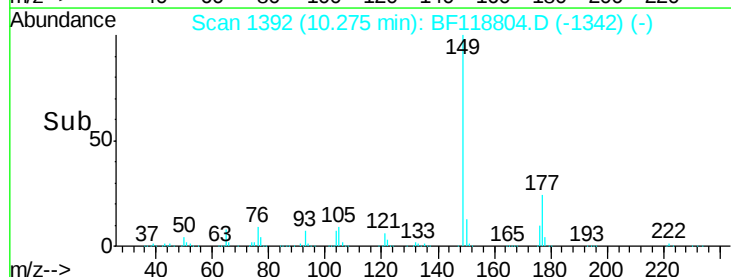
150 13.0 10.4 15.6

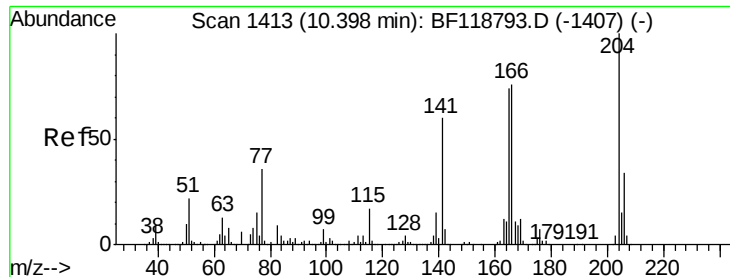


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

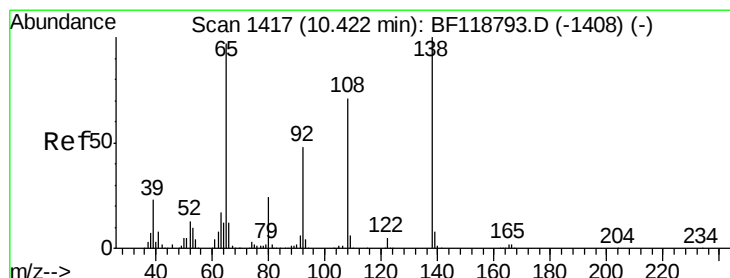
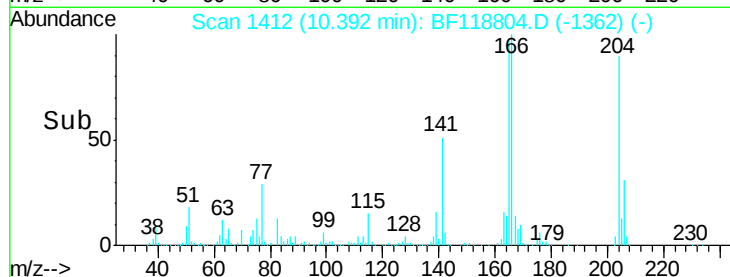
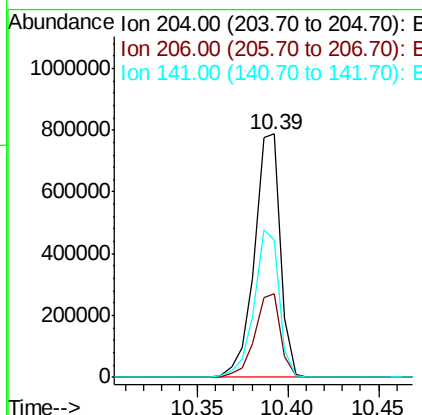
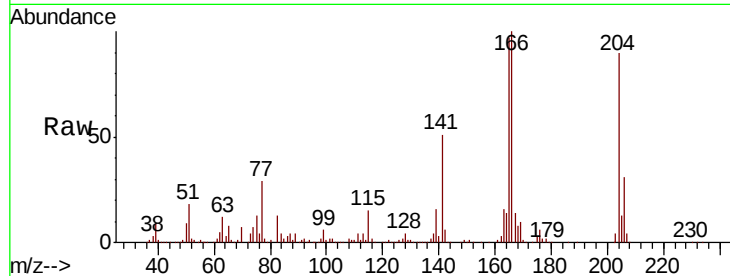




#61
4-Chlorophenyl-phenylether
Concen: 46.803 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

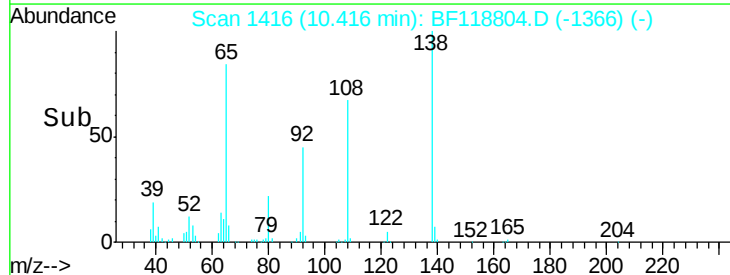
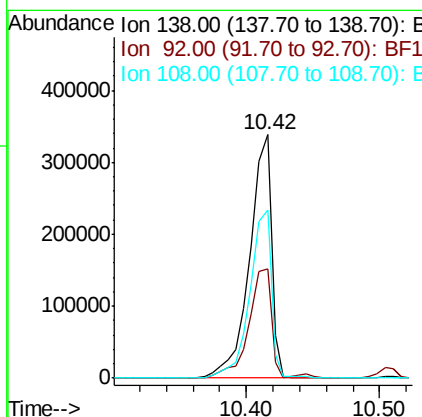
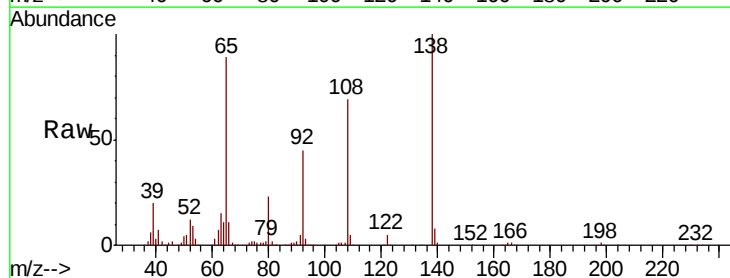
Instrument :
BNA_F
ClientSampleId :

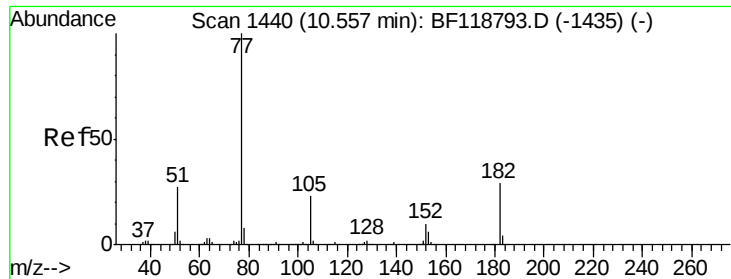
Tot Ion:204 Resp: 785560
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 56.4 47.8 71.6



#62
4-Nitroaniline
Concen: 42.262 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:138 Resp: 380446
Ion Ratio Lower Upper
138 100
92 45.0 27.6 67.6
108 69.1 51.3 91.3





#63

Azobenzene

Concen: 48.887 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1437683

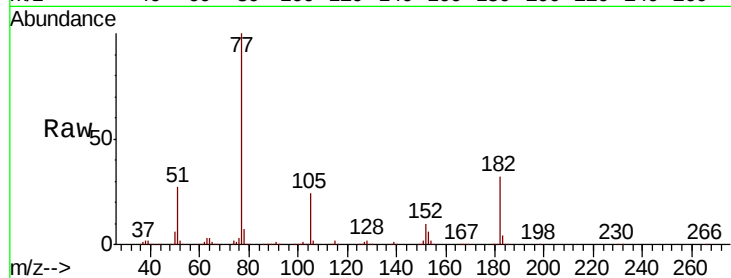
Ion Ratio Lower Upper

77 100

182 31.6 9.2 49.2

105 23.8 3.1 43.1

51 27.3 7.4 47.4



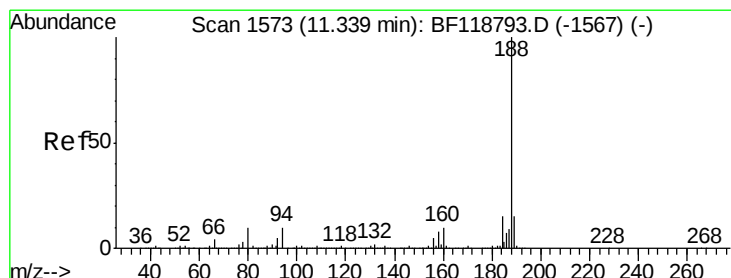
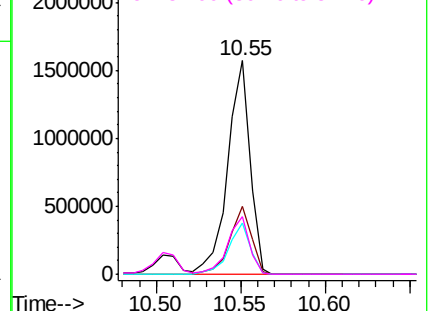
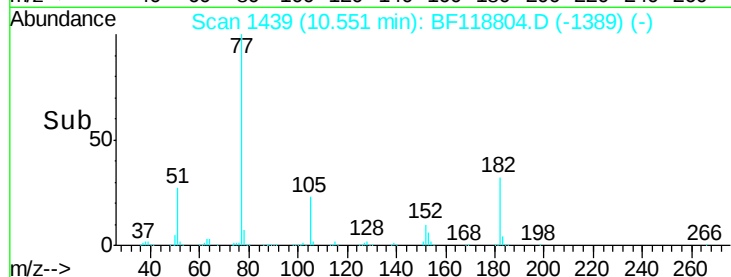
Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

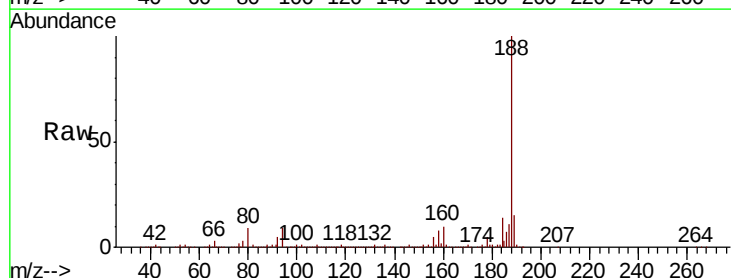
Tgt Ion: 188 Resp: 980934

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.3 8.4 12.6

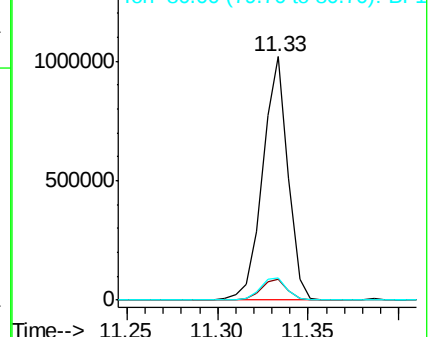
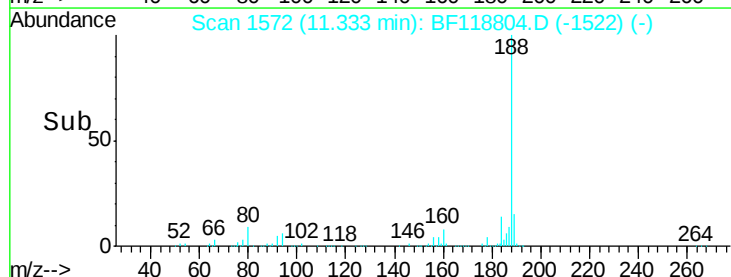


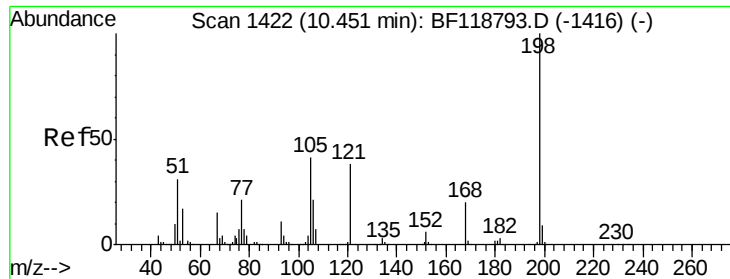
Abundance

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





#65

4,6-Dinitro-2-methylphenol

Concen: 50.497 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

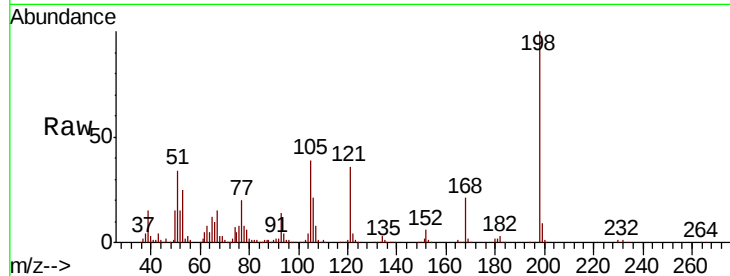
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 278341

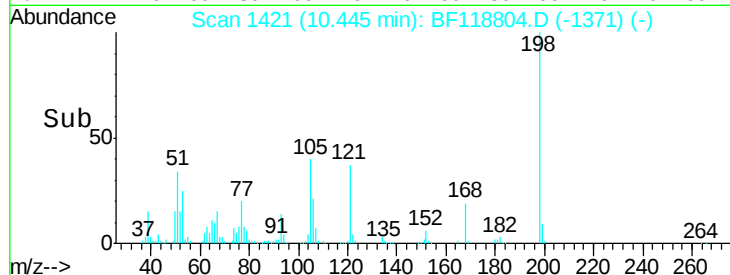
Ion	Ratio	Lower	Upper
198	100		
51	34.3	16.7	56.7
105	39.3	22.0	62.0



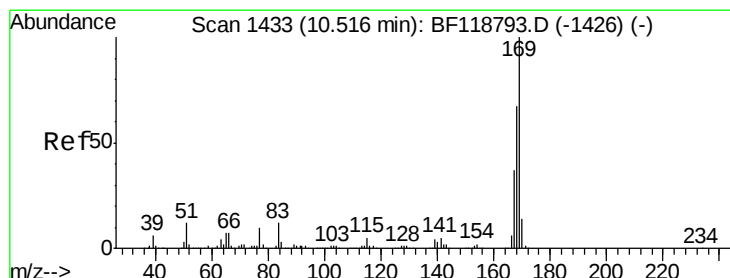
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 49.160 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

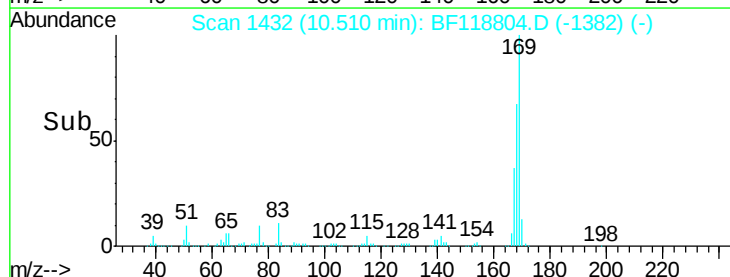
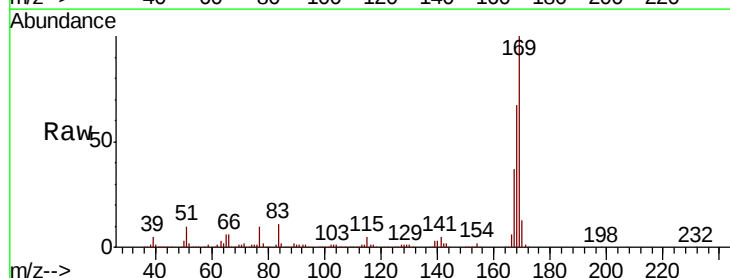
Tgt Ion:169 Resp: 1396835

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.5	80.3
167	36.7	29.3	43.9

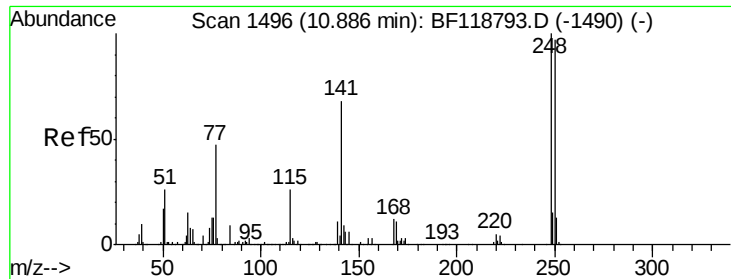
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



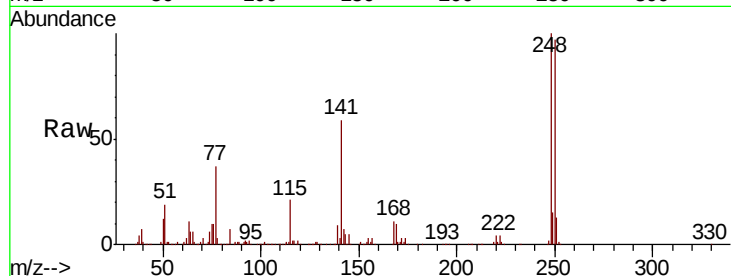
Time-->



#67
4-Bromophenyl-phenylether
Concen: 47.325 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.6	116.4
141	58.7	54.4	81.6

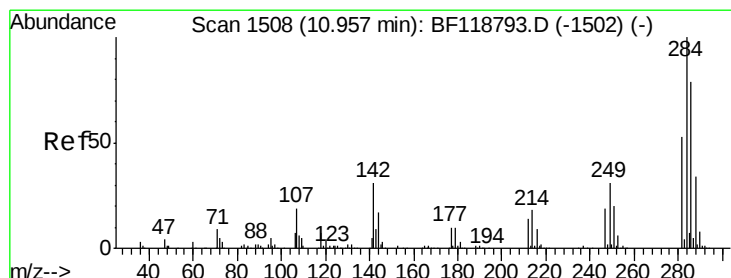
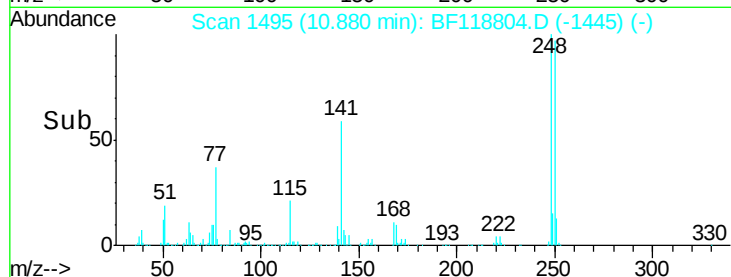
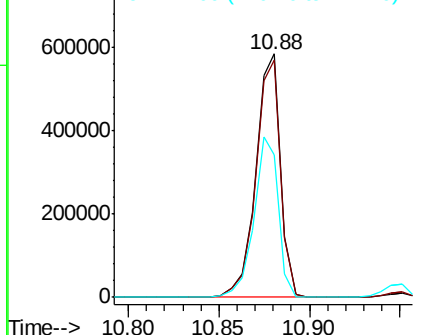


Abundance

Ion 248.00 (247.70 to 248.70): E

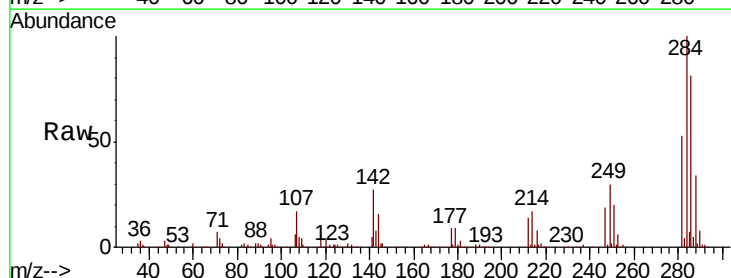
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.358 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	24.5	36.7
249	29.8	24.7	37.1

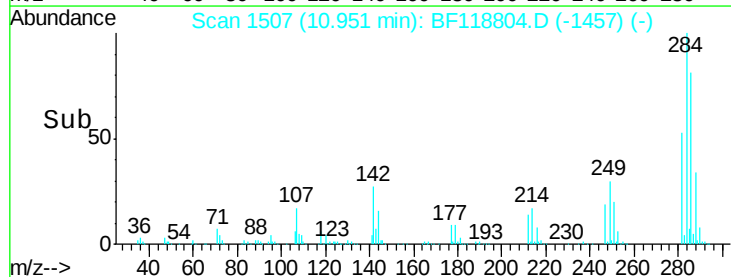
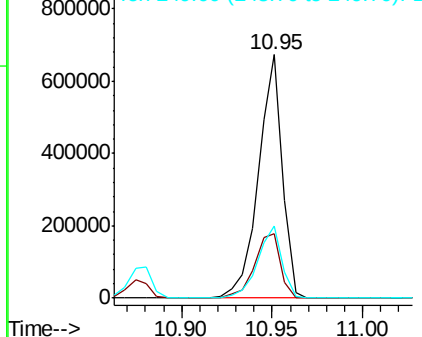


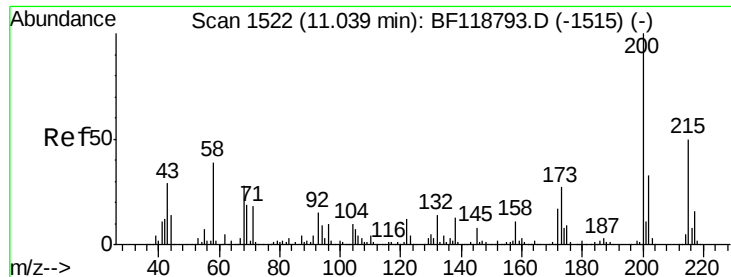
Abundance

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: 53.447 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

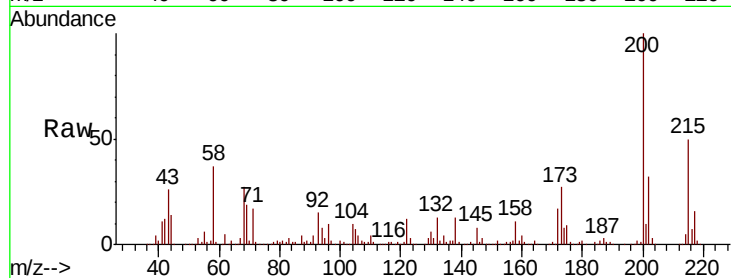
Tot Ion:200 Resp: 505944

Ion Ratio Lower Upper

200 100

173 27.4 7.5 47.5

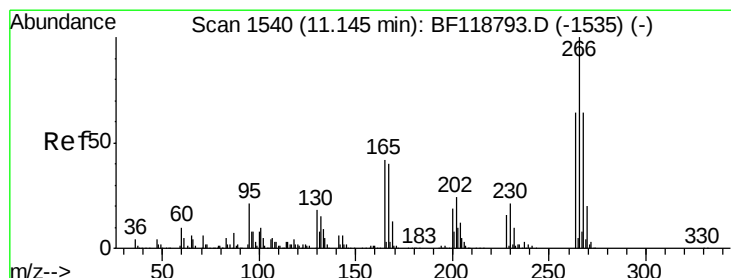
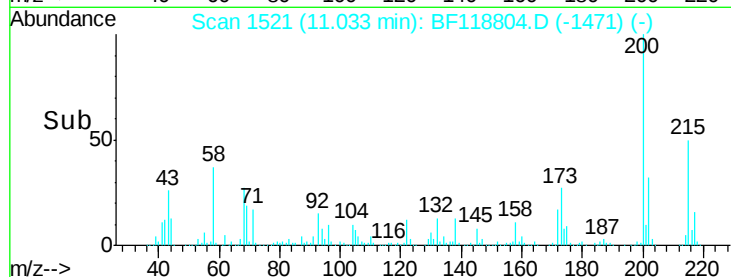
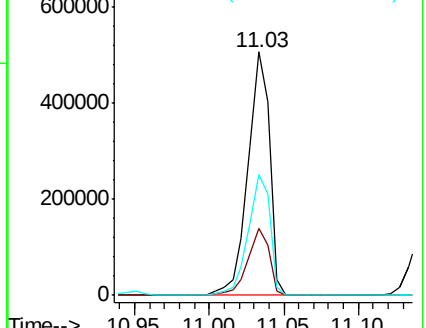
215 49.7 29.9 69.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.714 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

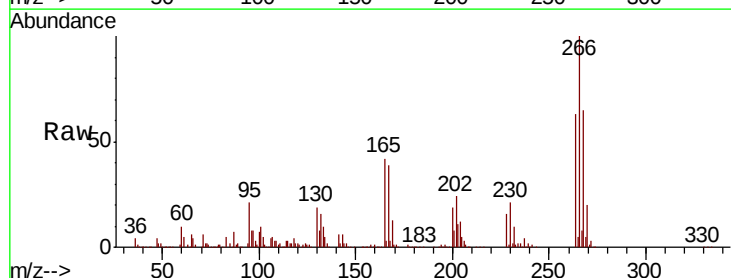
Tgt Ion:266 Resp: 644548

Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

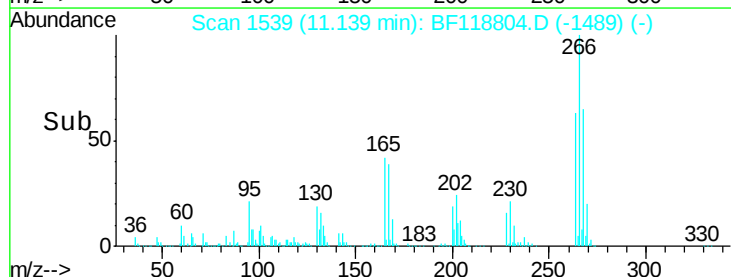
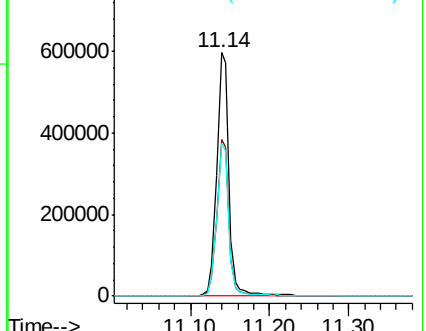
264 62.8 51.4 77.2

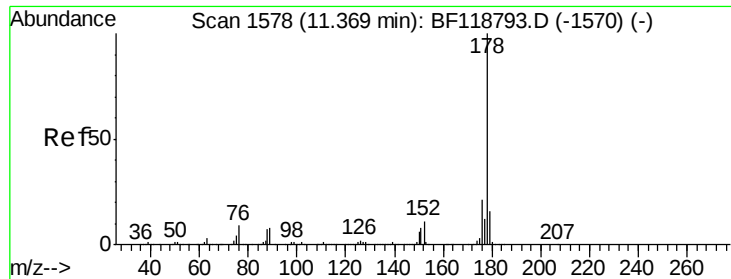


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.234 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

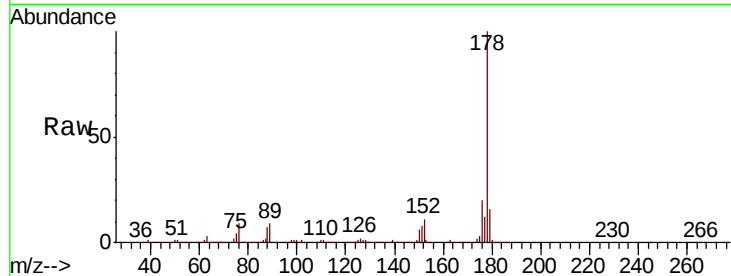
Tot Ion:178 Resp: 2279693

Ion Ratio Lower Upper

178 100

176 20.2 16.6 24.8

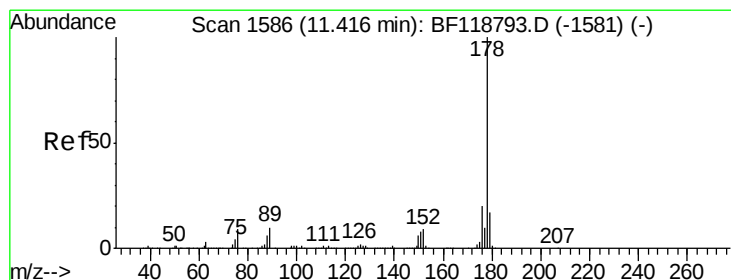
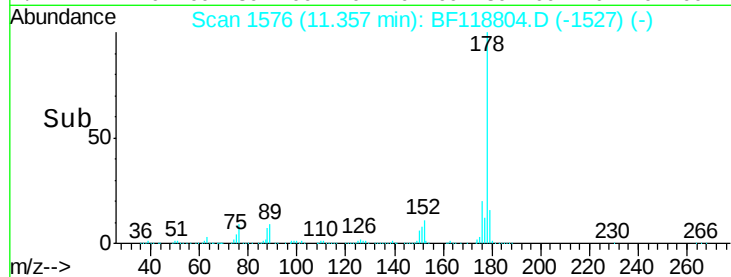
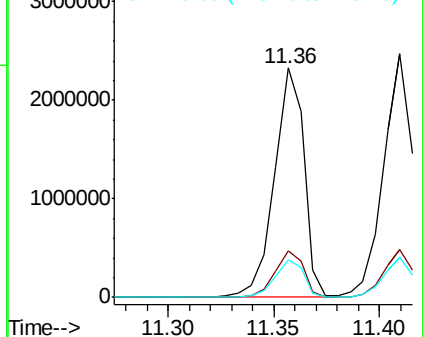
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.780 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

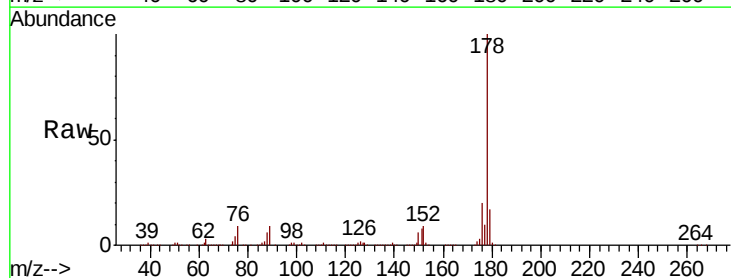
Tgt Ion:178 Resp: 2342085

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

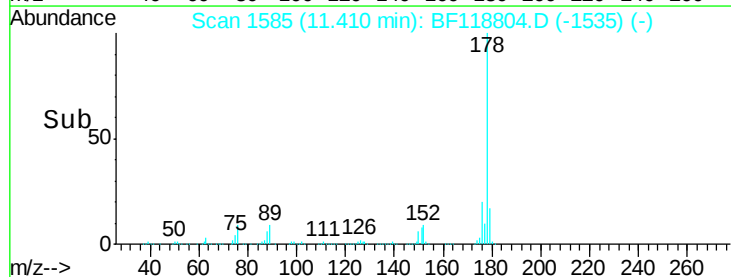
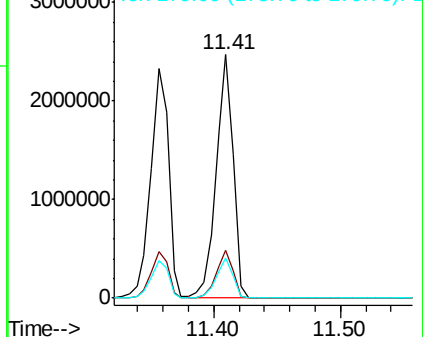
179 16.7 13.4 20.2

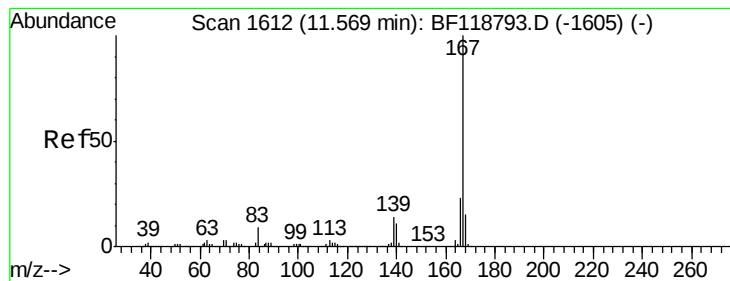


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.075 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

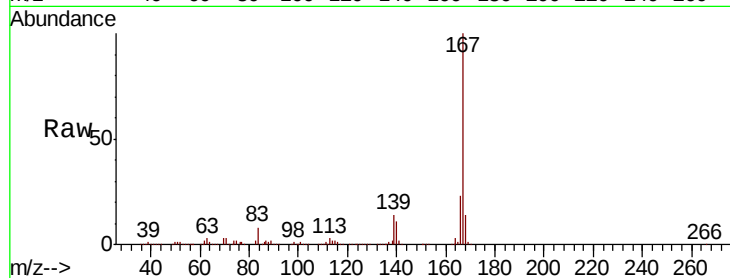
Tot Ion:167 Resp: 2025741

Ion Ratio Lower Upper

167 100

166 22.8 18.4 27.6

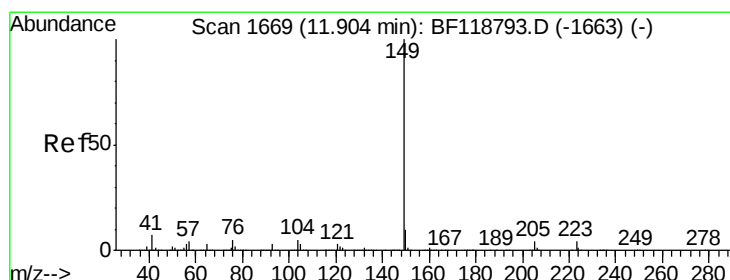
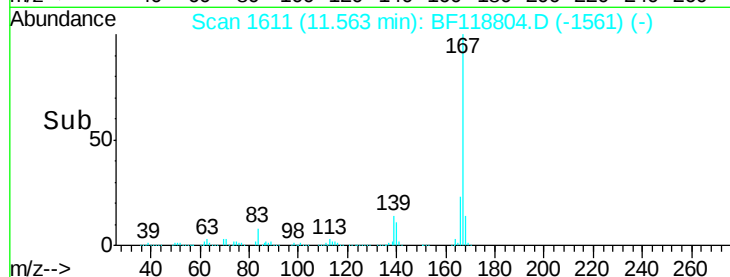
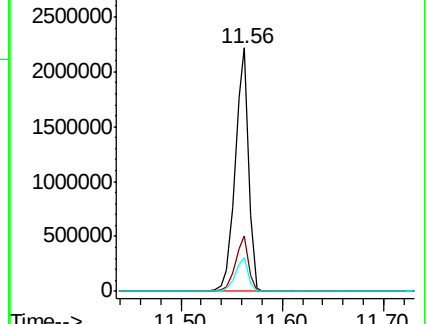
139 13.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.810 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

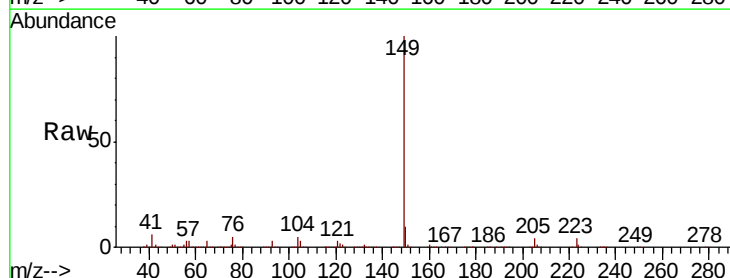
Tgt Ion:149 Resp: 2458969

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

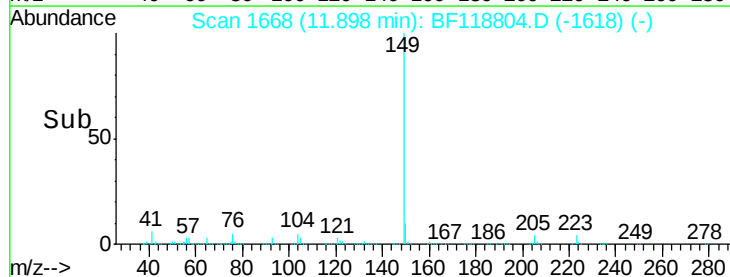
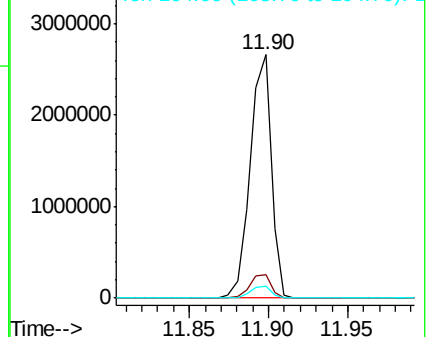
104 5.0 4.3 6.5

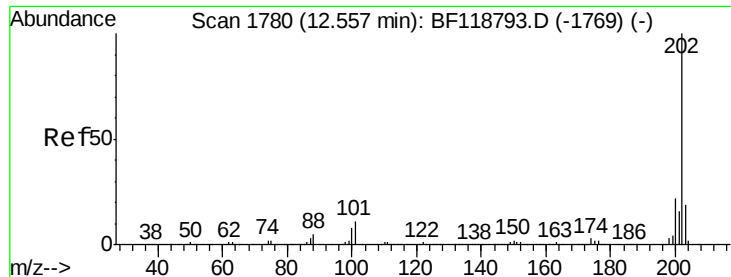


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

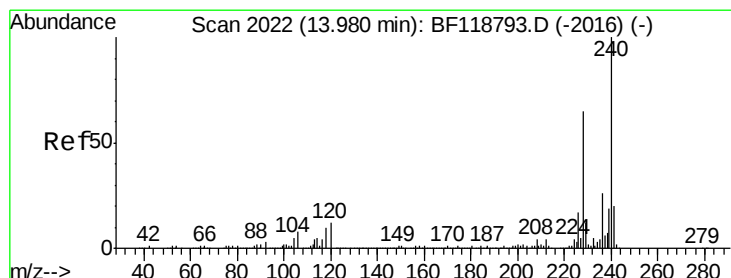
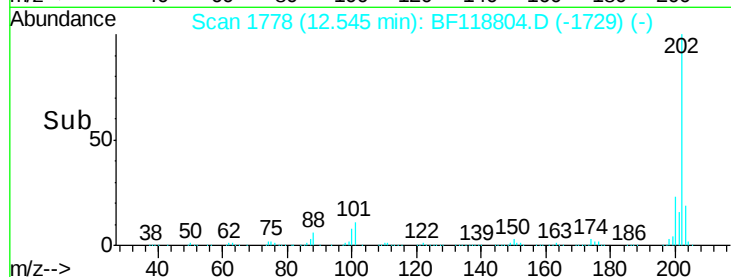
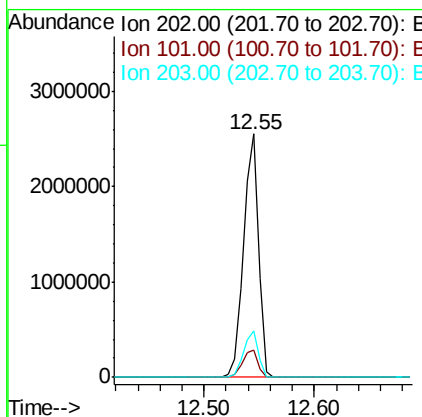
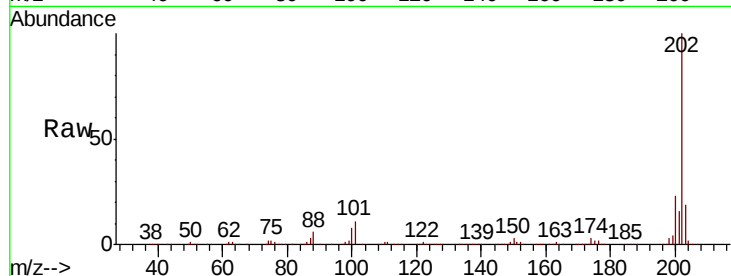




#75
 Fluoranthene
 Concen: 46.244 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

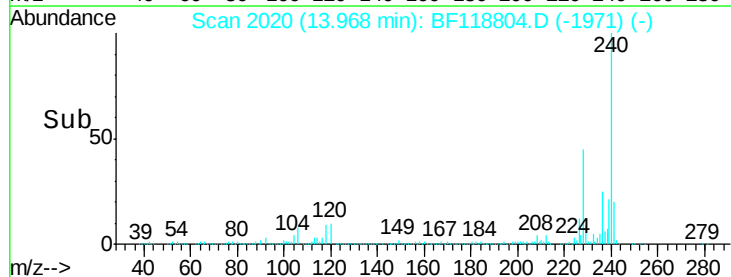
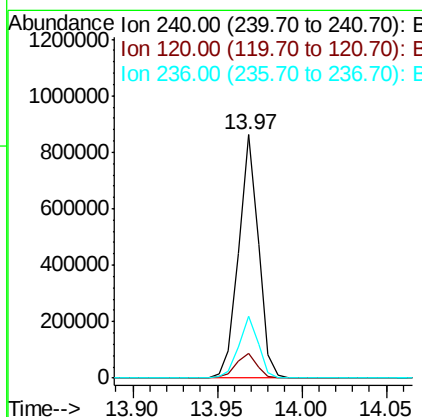
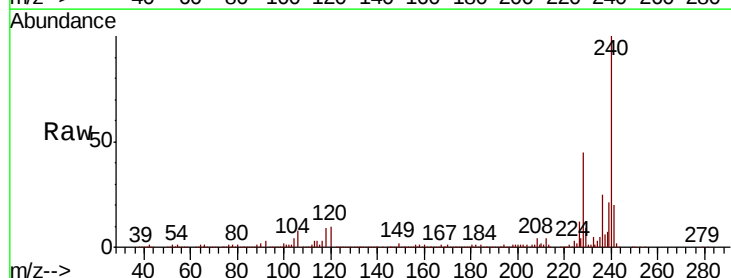
Instrument :
 BNA_F
 ClientSampleId :

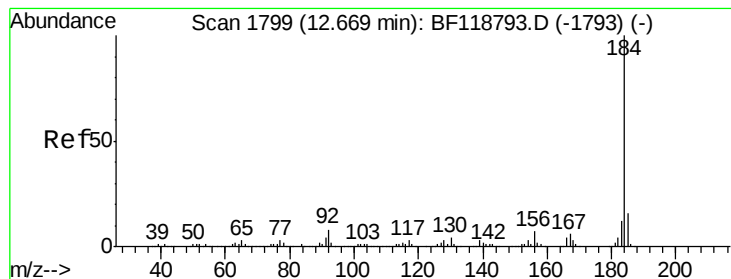
Tot Ion:202 Resp: 2436814
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.0
 203 19.0 0.0 38.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion:240 Resp: 702379
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.4 14.0
 236 25.4 21.0 31.6





#77

Benzidine

Concen: 51.010 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampled :

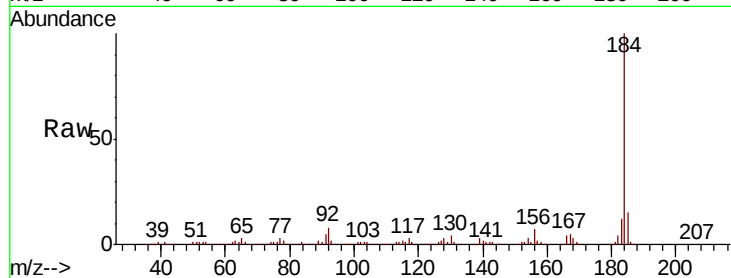
Tot Ion:184 Resp: 1083662

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.5	18.7
183	12.1	9.7	14.5

184 100

185 14.9 12.5 18.7

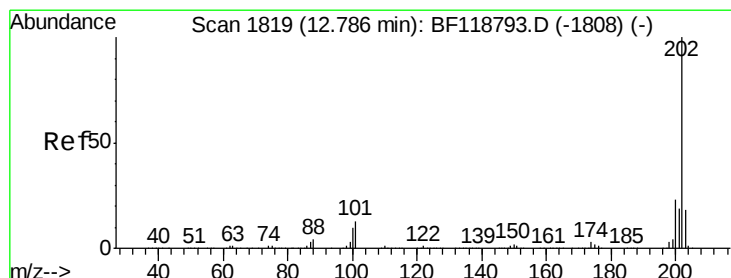
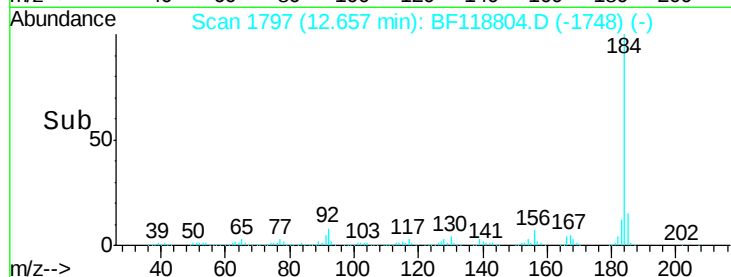
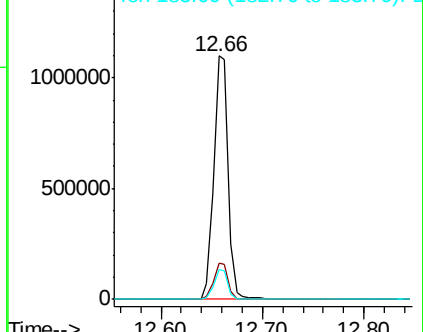
183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

1500000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.732 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

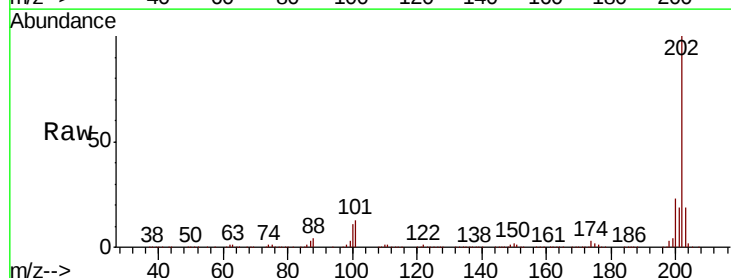
Tgt Ion:202 Resp: 2444532

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	18.7	14.8	22.2

202 100

200 22.6 18.2 27.2

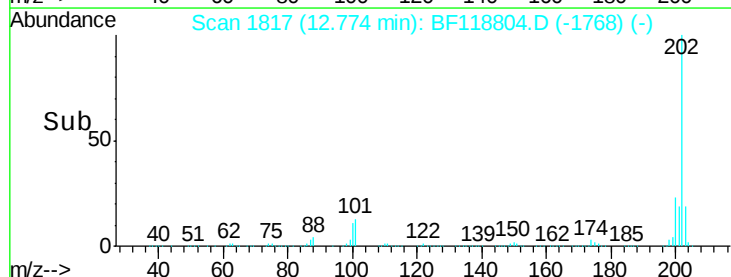
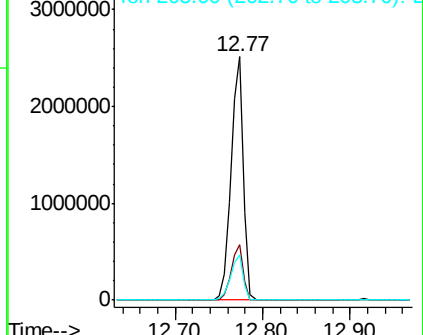
203 18.7 14.8 22.2

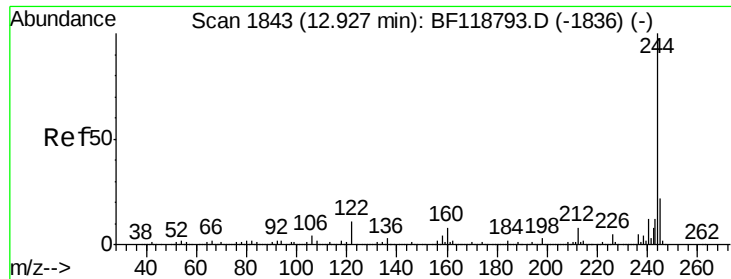


Abundance Ion 202.00 (201.70 to 202.70): E

3000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

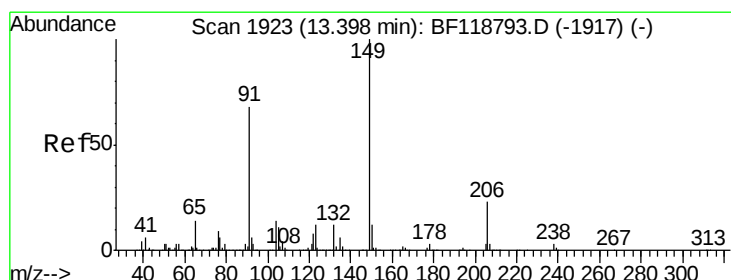
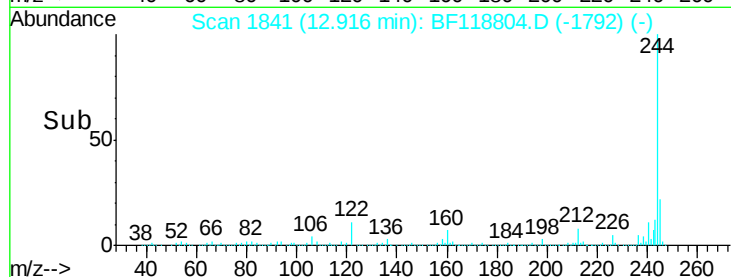
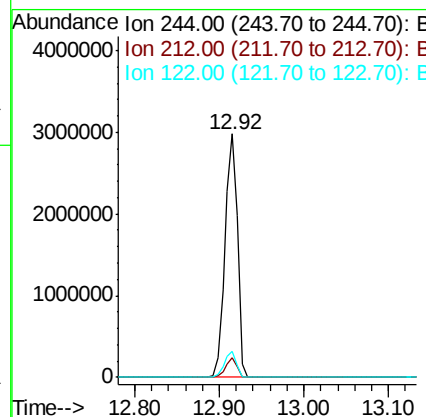
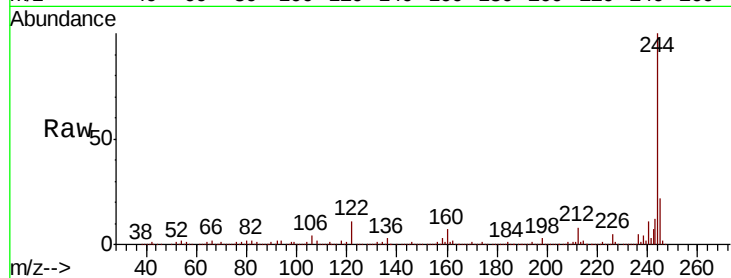




#79
 Terphenyl-d14
 Concen: 90.504 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

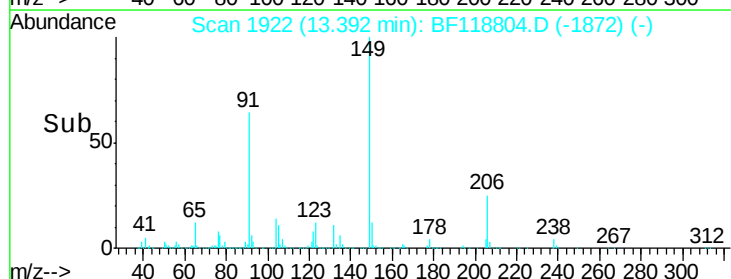
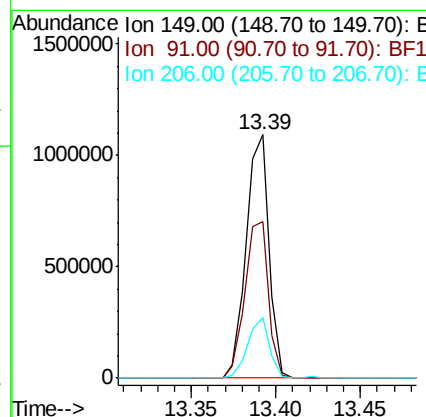
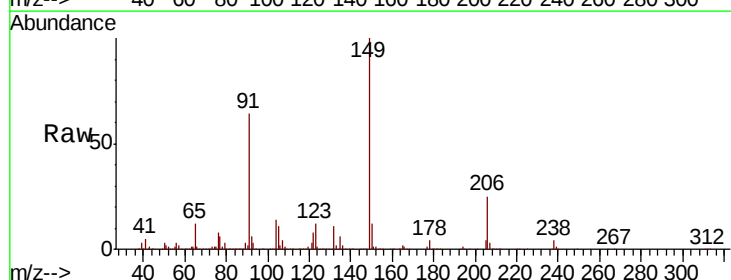
Instrument :
 BNA_F
 ClientSampleId :

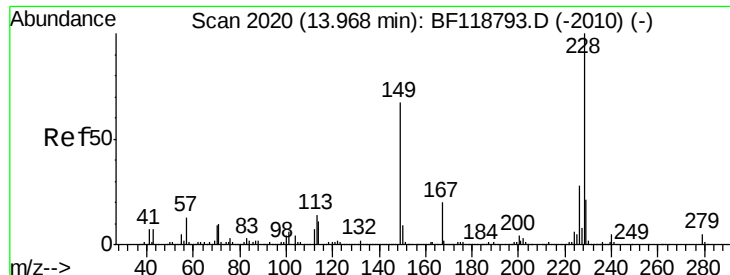
Tot Ion:244 Resp: 3094789
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 10.7 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 46.956 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF118804.D
 Acq: 4 Feb 2020 16:23

Tgt Ion:149 Resp: 1032697
 Ion Ratio Lower Upper
 149 100
 91 64.1 54.7 82.1
 206 24.8 18.5 27.7

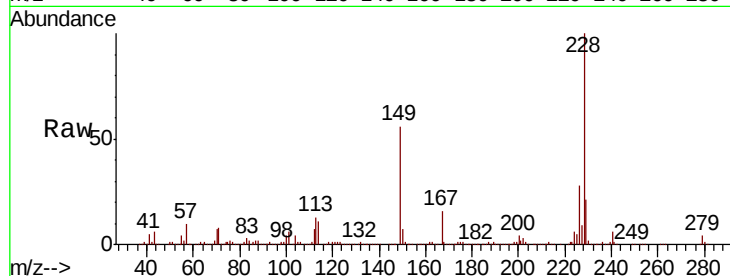




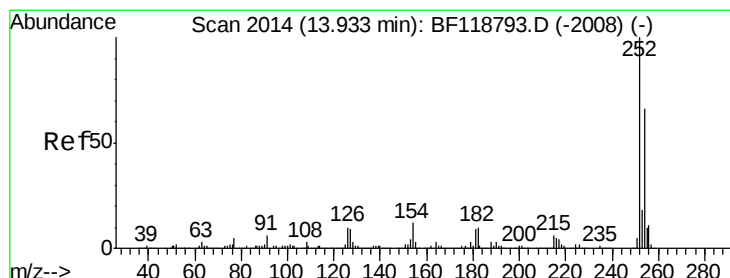
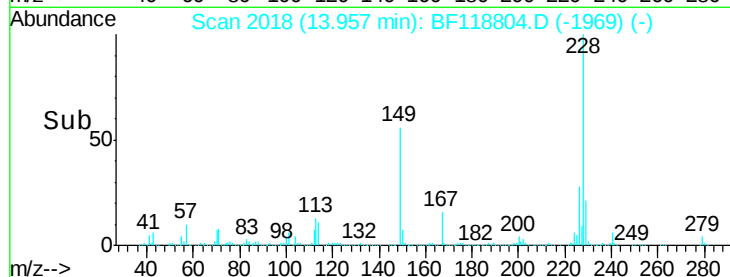
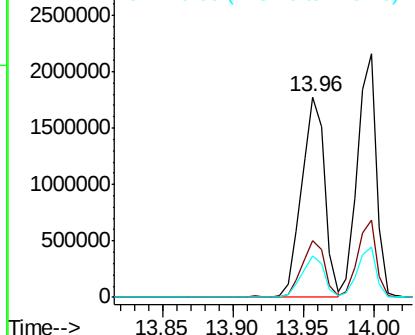
#81
Benzo(a)anthracene
Concen: 47.998 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 2006103
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.6 16.6 25.0

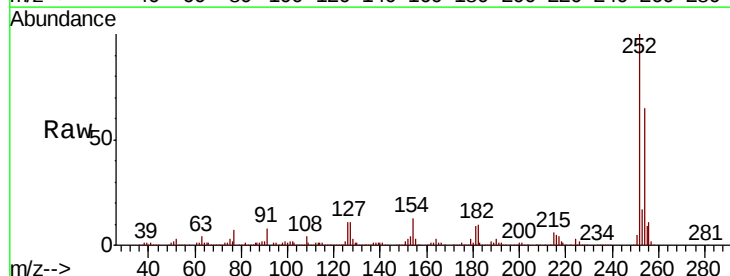


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

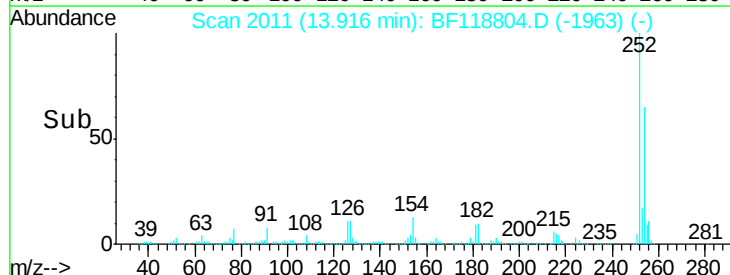
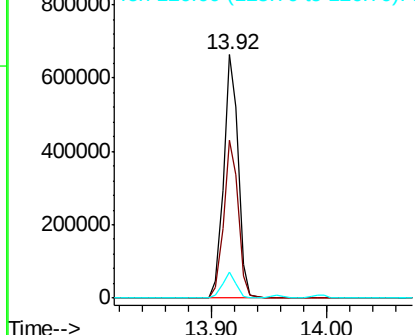


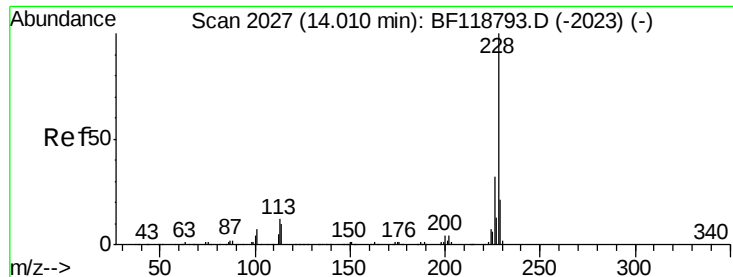
#82
3,3'-Dichlorobenzidine
Concen: 34.026 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:252 Resp: 581661
Ion Ratio Lower Upper
252 100
254 64.8 52.4 78.6
126 10.7 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

Chrvsene

Concen: 48.208 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

Instrument :

BNA_F

ClientSampleId :

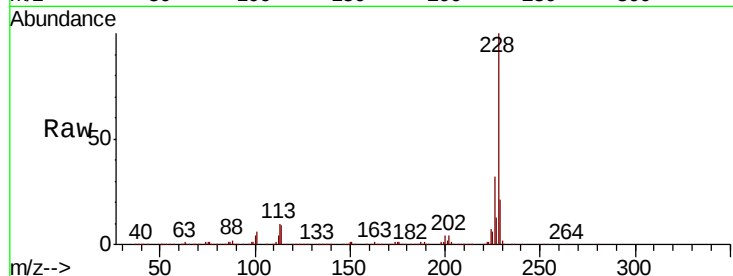
Tot Ion:228 Resp: 2022255

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

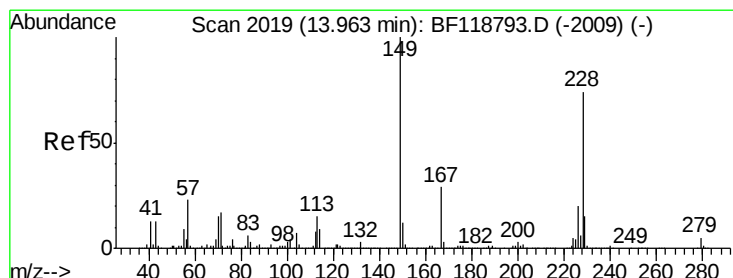
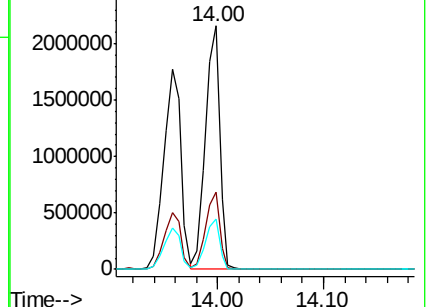
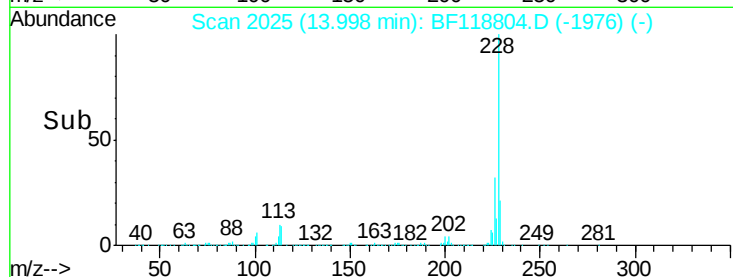
229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.550 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118804.D

Acq: 4 Feb 2020 16:23

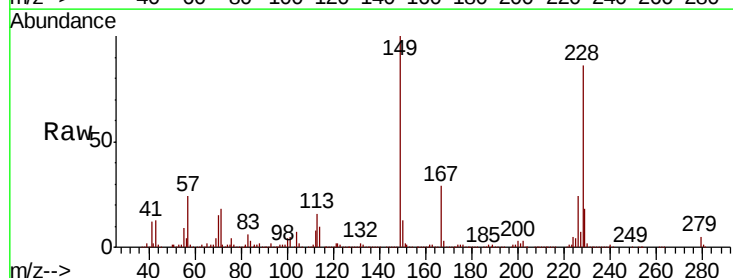
Tgt Ion:149 Resp: 1270977

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.6

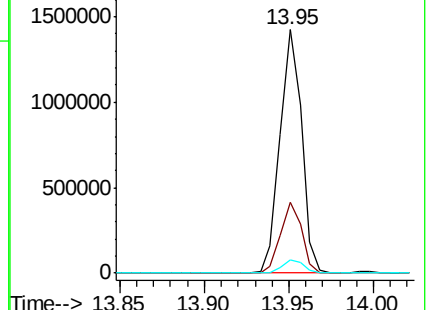
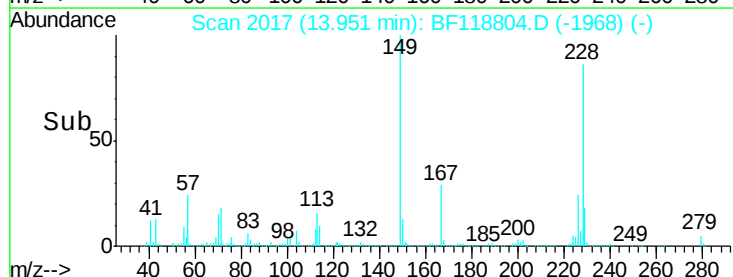
279 5.4 4.4 6.6

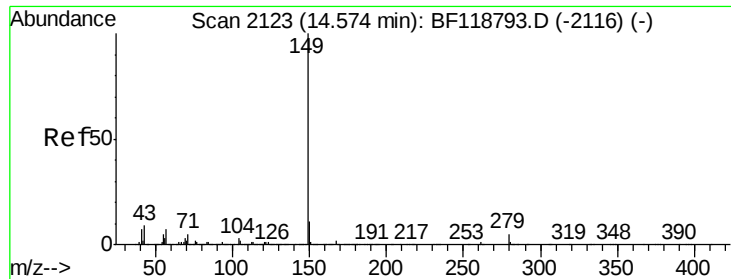


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

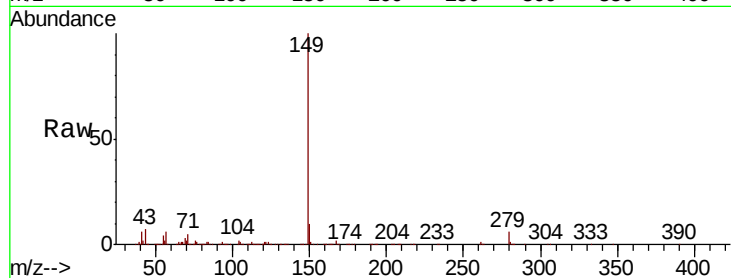




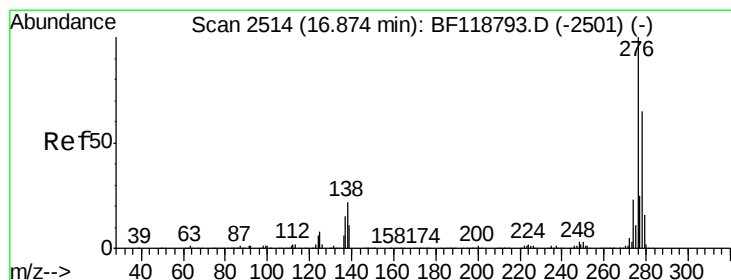
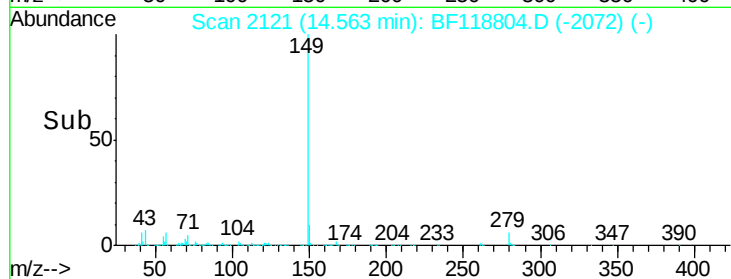
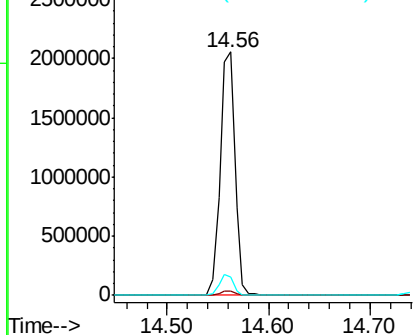
#85
Di-n-octyl phthalate
Concen: 43.411 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 2075101
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.1 6.6 10.0

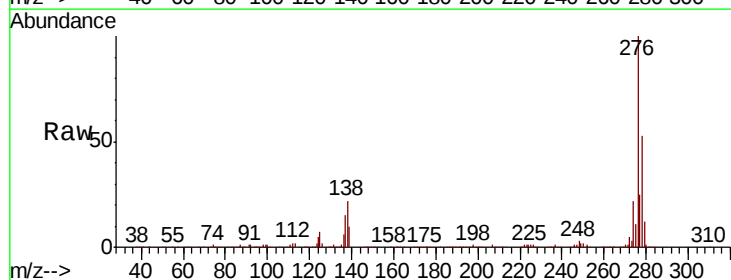


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

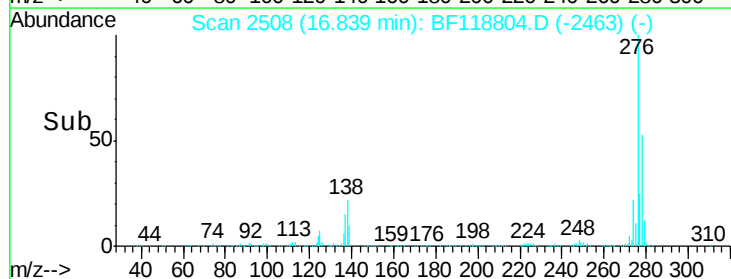
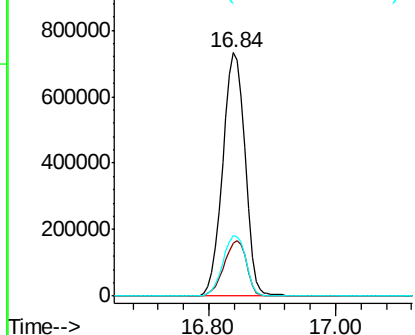


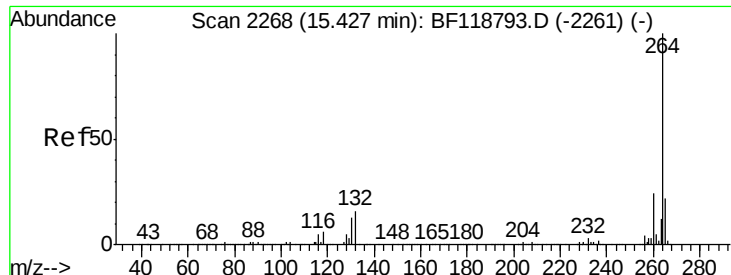
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.868 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.04 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:276 Resp: 1806756
Ion Ratio Lower Upper
276 100
138 23.0 18.3 27.5
277 25.5 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

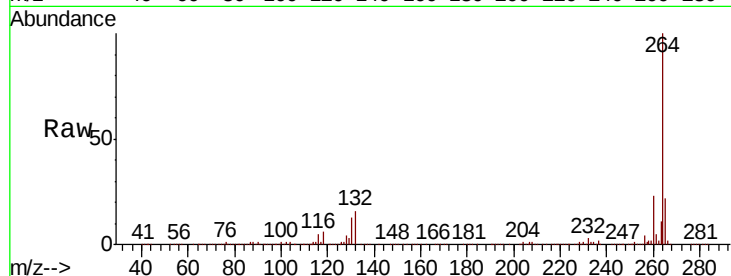




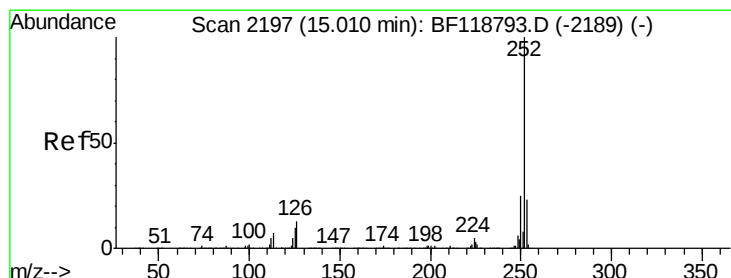
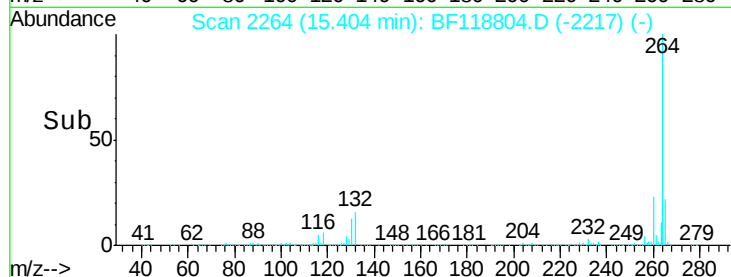
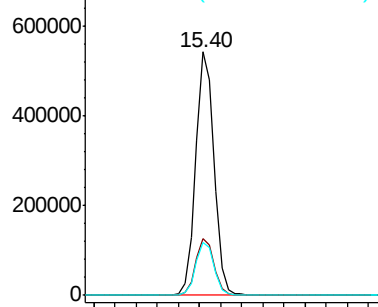
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 653795
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.6 17.2 25.8

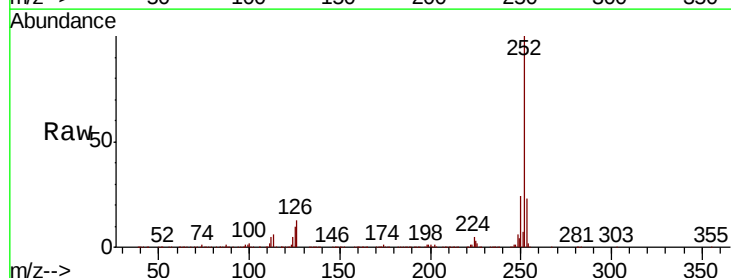


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

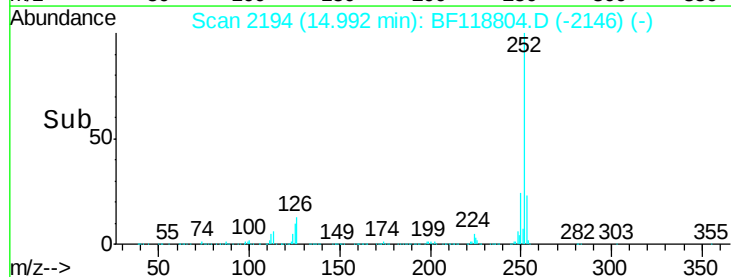
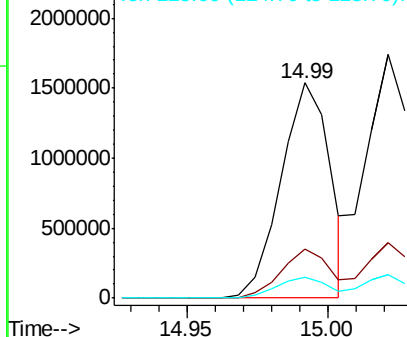


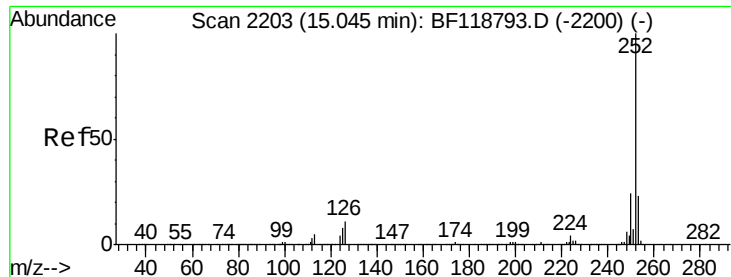
#88
Benzo(b)fluoranthene
Concen: 45.802 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:252 Resp: 1858155
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 10.0 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

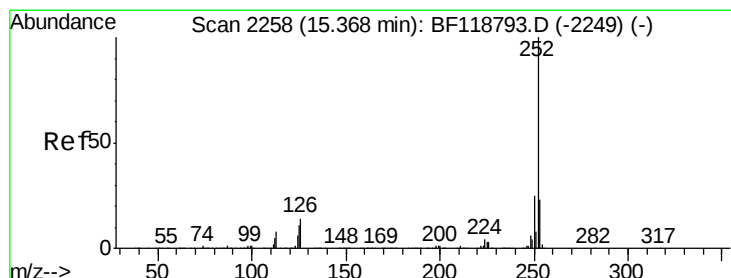
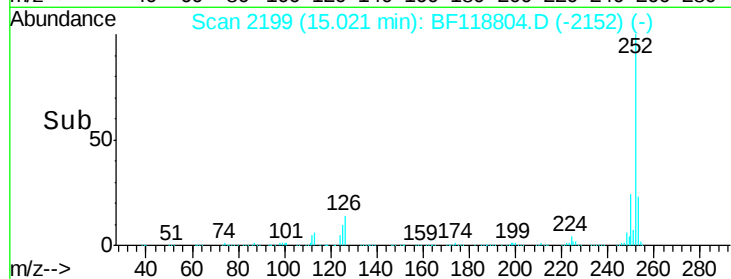
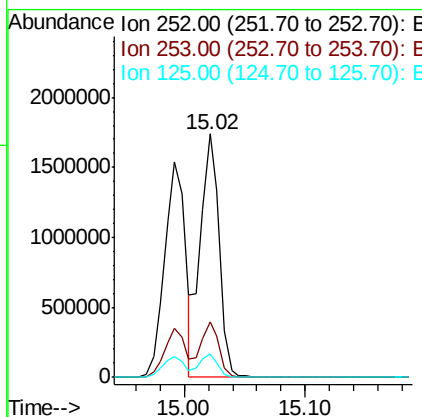
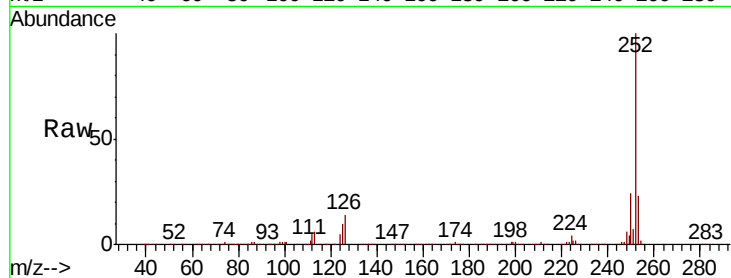




#89
Benzo(k)fluoranthene
Concen: 53.001 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

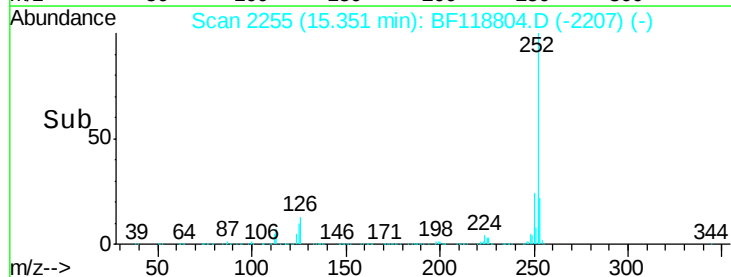
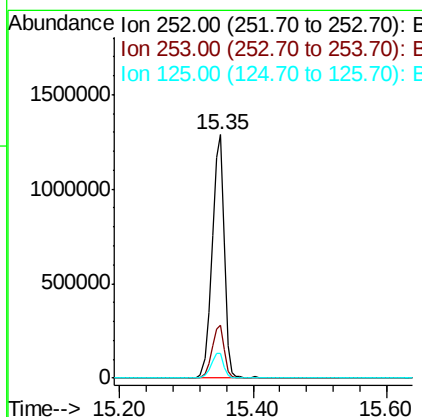
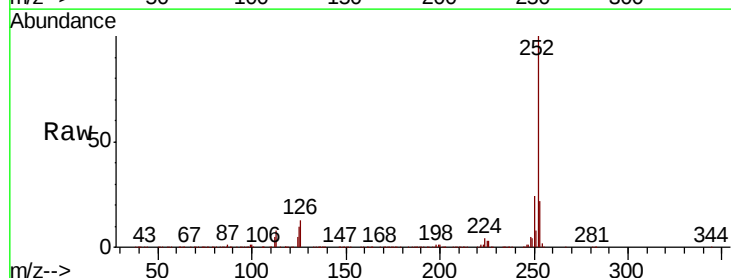
Instrument :
BNA_F
ClientSampleId :

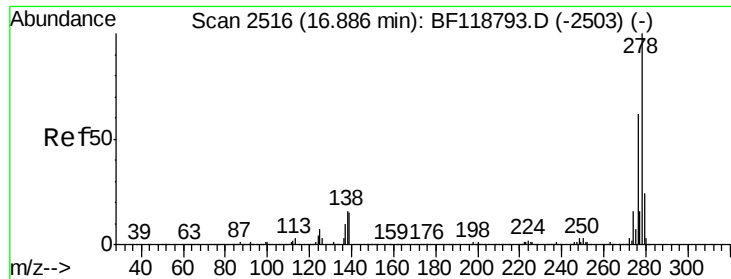
Tot Ion:252 Resp: 1872419
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.8 7.0 10.6



#90
Benzo(a)pyrene
Concen: 47.423 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:252 Resp: 1646487
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.3 8.7 13.1

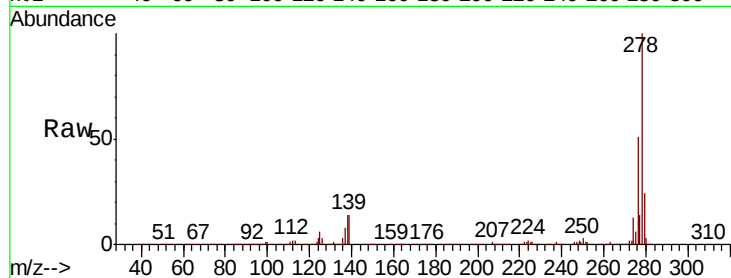




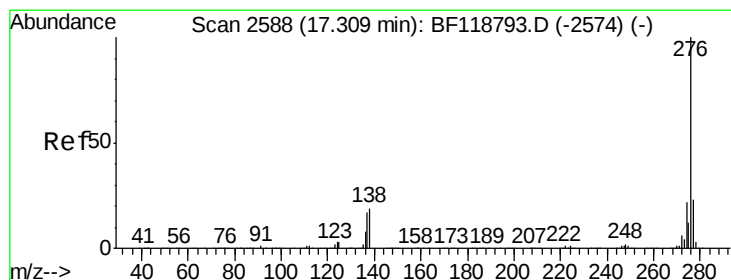
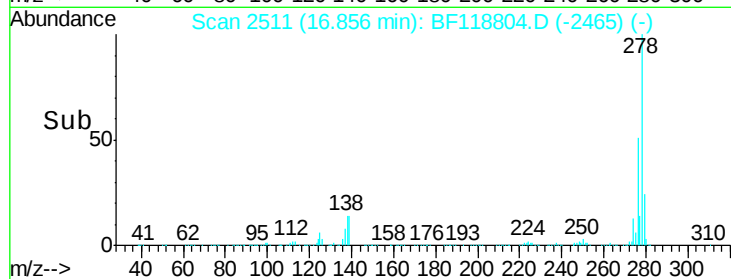
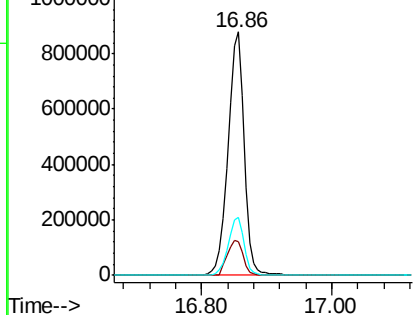
#91
Dibenzo(a,h)anthracene
Concen: 49.121 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1513994
Ion Ratio Lower Upper
278 100
139 14.0 12.3 18.5
279 23.9 19.1 28.7

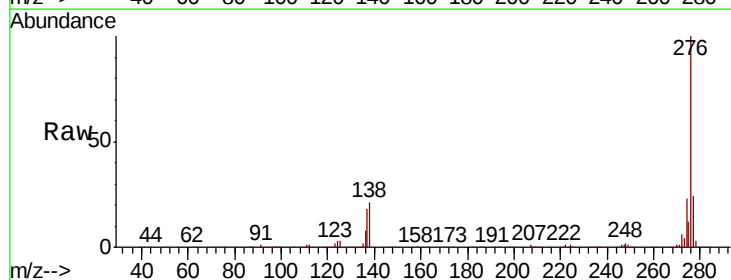


Abundance Ion 278.00 (277.70 to 278.70): E
1200000
Ion 139.00 (138.70 to 139.70): E
1000000
Ion 279.00 (278.70 to 279.70): E
800000
600000
400000
200000
0



#92
Benzo(g,h,i)perylene
Concen: 51.303 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.04 min
Lab File: BF118804.D
Acq: 4 Feb 2020 16:23

Tgt Ion:276 Resp: 1520703
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 20.6 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 277.00 (276.70 to 277.70): E
600000
Ion 138.00 (137.70 to 138.70): E
400000
200000
0

