

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118966.D
 Acq On : 20 Feb 2020 18:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:10:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	195592	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	713929	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	378186	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	669673	20.00	ng	0.00
76) Chrysene-d12	13.91	240	477143	20.00	ng	0.00
87) Perylene-d12	15.33	264	454444	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	897411	76.68	ng	0.00
7) Phenol-d6	6.40	99	1097072	77.07	ng	0.00
23) Nitrobenzene-d5	7.33	82	1016290	75.16	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	362540	73.28	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1905293	74.22	ng	0.00
79) Terphenyl-d14	12.86	244	2116181	76.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	199517	38.288	ng	99
3) Pyridine	3.19	79	547182	38.449	ng	97
4) n-Nitrosodimethylamine	3.13	42	167360	38.821	ng	99
6) Aniline	6.43	93	680650	38.753	ng	98
8) 2-Chlorophenol	6.55	128	484854	38.387	ng	99
9) Benzaldehyde	6.31	77	375682	39.504	ng	97
10) Phenol	6.42	94	597563	38.829	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	451227	38.320	ng	100
12) 1,3-Dichlorobenzene	6.70	146	579661	38.290	ng	99
13) 1,4-Dichlorobenzene	6.78	146	587992	38.814	ng	99
14) 1,2-Dichlorobenzene	6.93	146	539520	39.050	ng	99
15) Benzyl Alcohol	6.91	79	398981	38.783	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	394949	38.720	ng	99
17) 2-Methylphenol	7.02	107	391746	38.255	ng	97
18) Hexachloroethane	7.27	117	207361	38.260	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	313473	37.794	ng	98
20) 3+4-Methylphenols	7.17	107	464533	37.027	ng	97
22) Acetophenone	7.17	105	614040	37.173	ng	99
24) Nitrobenzene	7.35	77	502779	37.601	ng	100
25) Isophorone	7.59	82	870196	37.057	ng	100
26) 2-Nitrophenol	7.66	139	265279	37.444	ng	99
27) 2,4-Dimethylphenol	7.70	122	357137	37.143	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	569689	37.272	ng	99
29) 2,4-Dichlorophenol	7.90	162	429030	37.902	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	507366	37.804	ng	99
31) Naphthalene	8.06	128	1387704	37.480	ng	99
32) Benzoic acid	7.84	122	240066	36.135	ng	99
33) 4-Chloroaniline	8.12	127	591234	37.126	ng	100
34) Hexachlorobutadiene	8.19	225	315930	37.792	ng	99
35) Caprolactam	8.49	113	125500	36.007	ng	95
36) 4-Chloro-3-methylphenol	8.60	107	423826	36.997	ng	99
37) 2-Methylnaphthalene	8.76	142	929400	37.300	ng	100
38) 1-Methylnaphthalene	8.86	142	880878	37.591	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	489345	38.377	ng	100

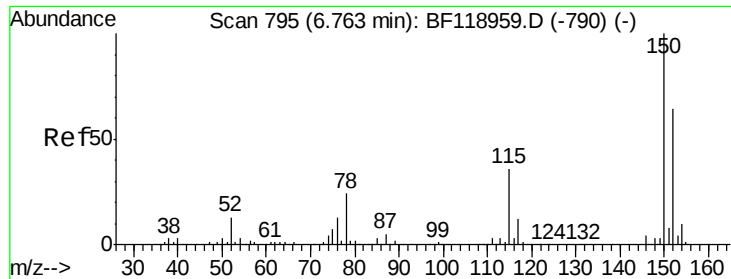
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	146316	37.217	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	306222	38.030	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	322604	38.180	nq	98
46) 1,1'-Biphenyl	9.22	154	1163492	38.066	nq	99
47) 2-Chloronaphthalene	9.25	162	948873	38.524	nq	100
48) 2-Nitroaniline	9.34	65	256681	37.363	nq	100
49) Acenaphthylene	9.66	152	1355972	38.117	nq	100
50) Dimethylphthalate	9.52	163	1070964	37.033	nq	100
51) 2,6-Dinitrotoluene	9.58	165	242462	37.737	nq	99
52) Acenaphthene	9.83	154	818235	38.145	nq	99
53) 3-Nitroaniline	9.75	138	264779	37.173	nq	98
54) 2,4-Dinitrophenol	9.86	184	97866	35.887	nq	99
55) Dibenzofuran	10.00	168	1220414	38.117	nq	99
56) 4-Nitrophenol	9.92	139	155166	36.257	nq	98
57) 2,4-Dinitrotoluene	9.99	165	315882	37.930	nq	99
58) Fluorene	10.35	166	934165	37.548	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	272892	38.276	nq	98
60) Diethylphthalate	10.22	149	1004110	36.844	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	498658	37.866	nq	99
62) 4-Nitroaniline	10.36	138	267475	36.703	nq	100
63) Azobenzene	10.49	77	884817	37.352	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	154640	38.161	nq	100
66) n-Nitrosodiphenylamine	10.45	169	853334	38.916	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	338666	38.689	nq	98
68) Hexachlorobenzene	10.89	284	390883	38.731	nq	100
69) Atrazine	10.98	200	283342	36.984	nq	98
70) Pentachlorophenol	11.09	266	152843	37.596	nq	99
71) Phenanthrene	11.30	178	1398340	38.289	nq	99
72) Anthracene	11.35	178	1385062	37.957	nq	99
73) Carbazole	11.50	167	1242384	38.217	nq	100
74) Di-n-butylphthalate	11.84	149	1472829	37.412	nq	100
75) Fluoranthene	12.49	202	1449305	37.386	nq	99
77) Benzidine	12.60	184	744337	38.358	nq	97
78) Pyrene	12.72	202	1467254	38.295	nq	100
80) Butylbenzylphthalate	13.33	149	597652	37.063	nq	99
81) Benzo(a)anthracene	13.90	228	1222657	37.608	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	472820	37.454	nq	99
83) Chrysene	13.94	228	1217516	37.584	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	749606	36.796	nq	99
85) Di-n-octyl phthalate	14.50	149	1196589	36.865	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1076054	34.306	nq	99
88) Benzo(b)fluoranthene	14.93	252	1142732	38.149	nq	100
89) Benzo(k)fluoranthene	14.96	252	1118185	40.281	nq	99
90) Benzo(a)pyrene	15.27	252	1021197	37.774	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	879346	36.967	nq	99
92) Benzo(g,h,i)perylene	17.15	276	870021	37.017	nq	100

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

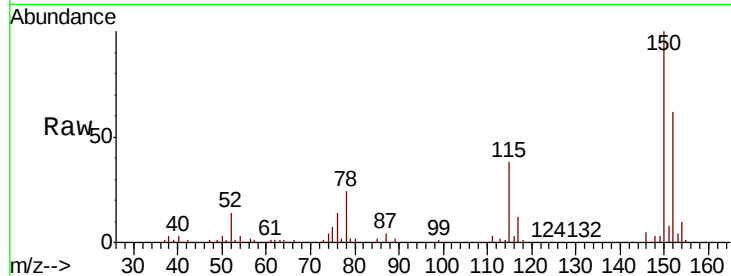


#1

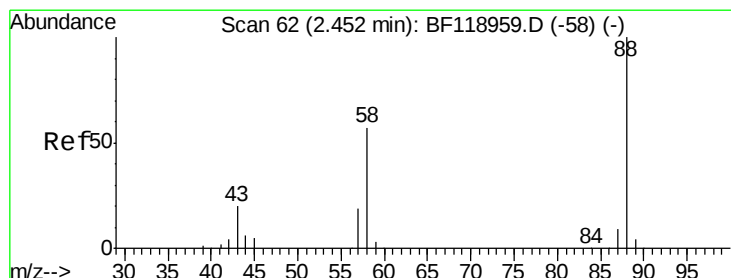
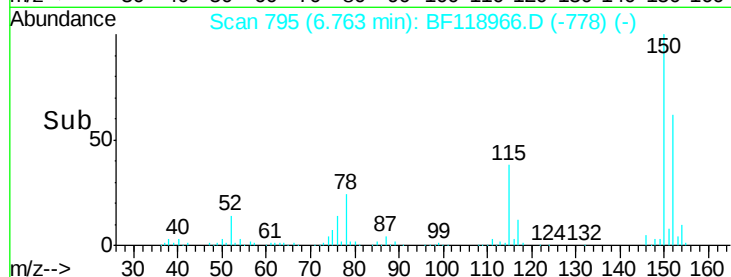
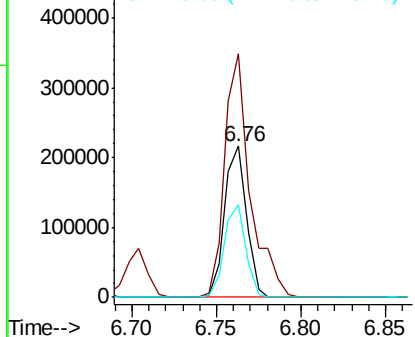
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.3	186.5
115	61.1	44.6	67.0



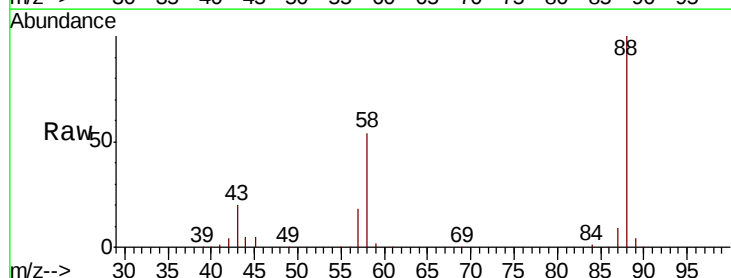
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



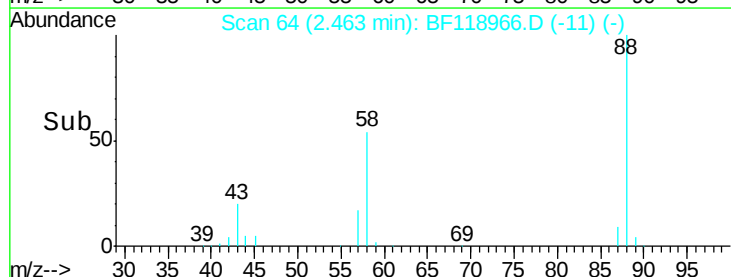
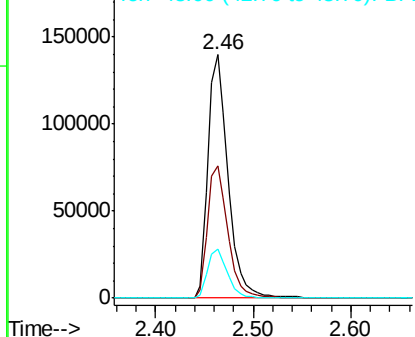
#2

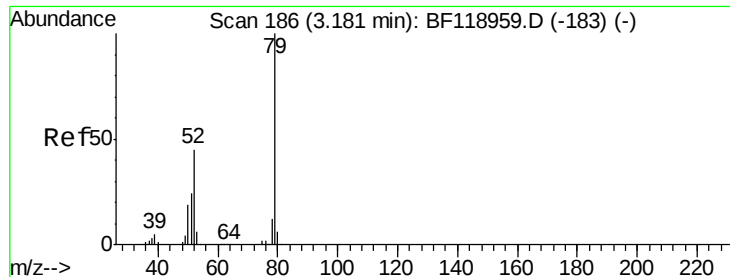
1,4-Dioxane
Concen: 38.288 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.01 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.8	44.6	66.8
43	19.9	16.0	24.0



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





#3

Pvridine

Concen: 38.449 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

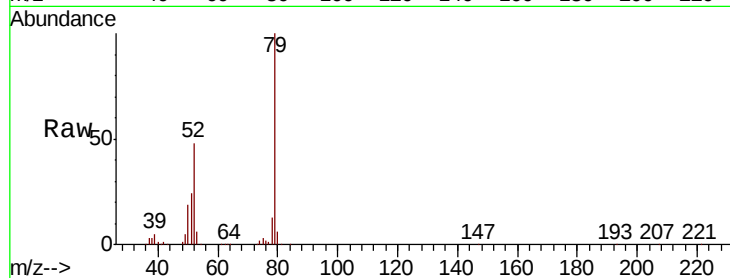
Tot Ion: 79 Resp: 547182

Ion Ratio Lower Upper

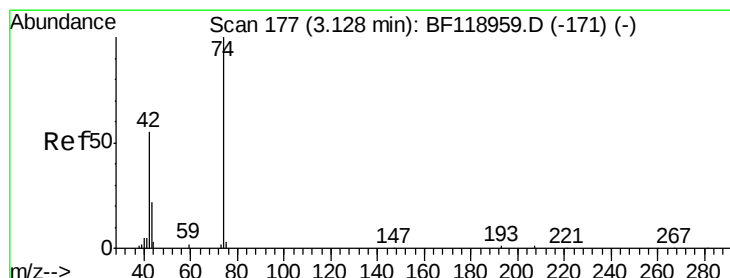
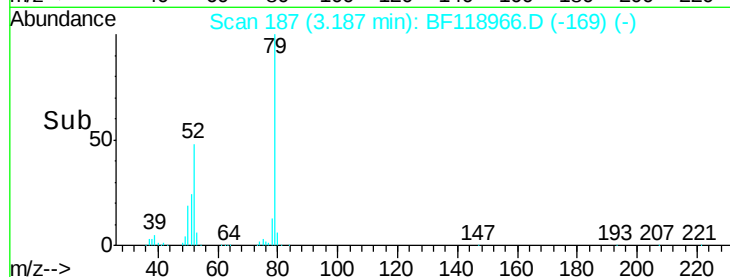
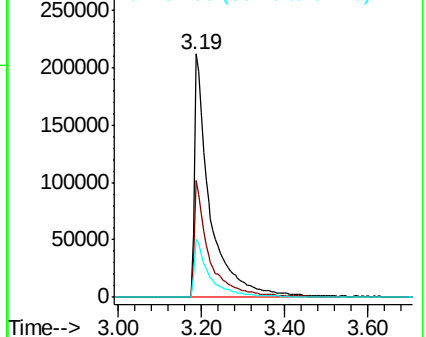
79 100

52 48.2 36.3 54.5

51 23.9 19.5 29.3



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: 38.821 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.01 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

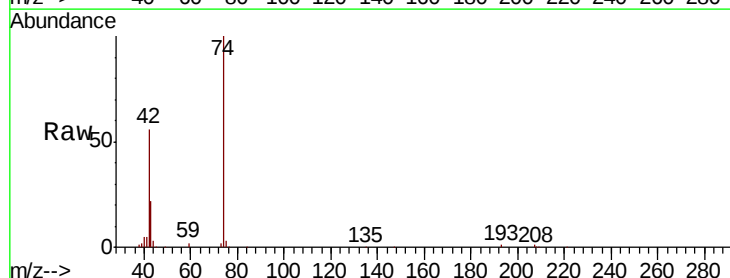
Tgt Ion: 42 Resp: 167360

Ion Ratio Lower Upper

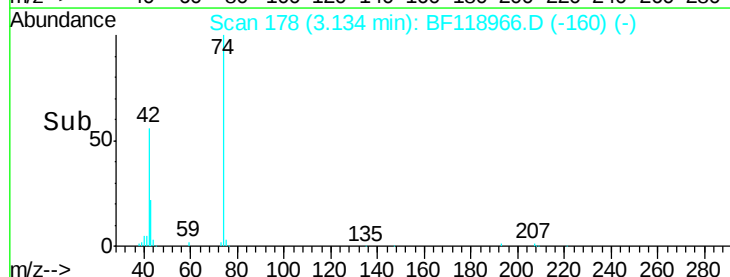
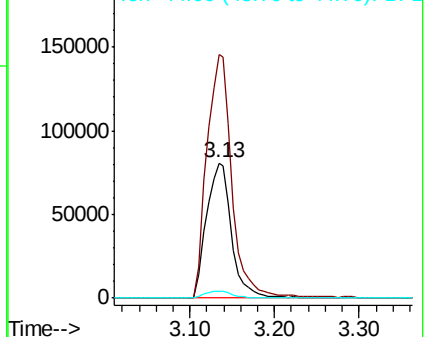
42 100

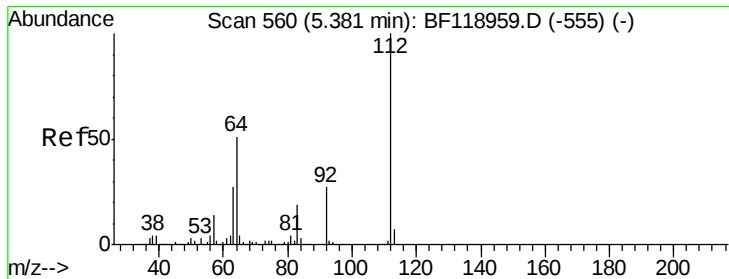
74 179.8 144.4 216.6

44 5.2 4.5 6.7



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: 76.677 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

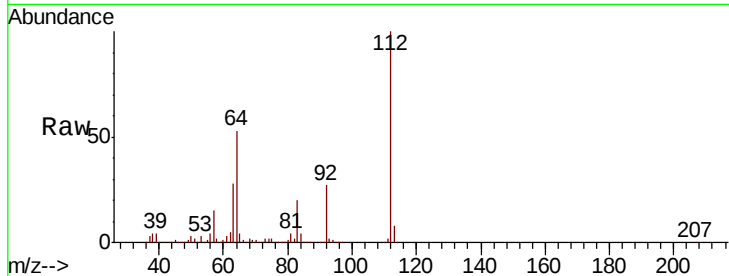
Tot Ion:112 Resp: 897411

Ion Ratio Lower Upper

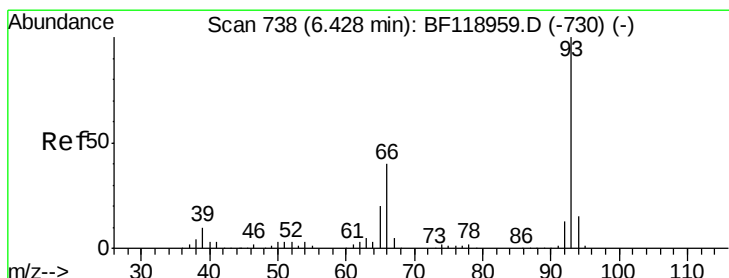
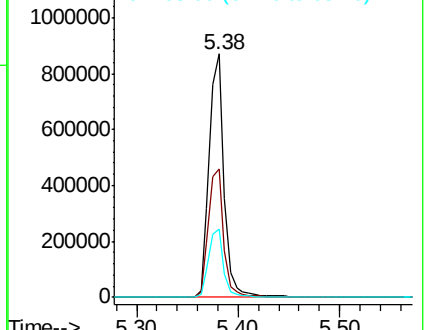
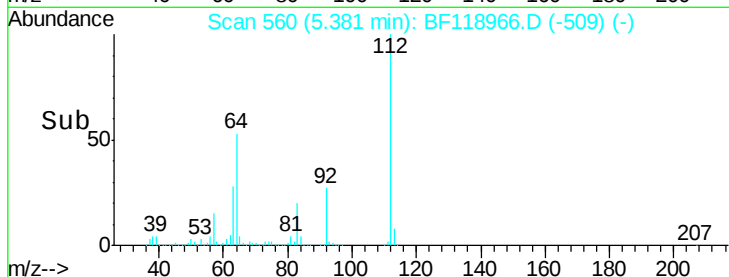
112 100

64 52.6 40.4 60.6

63 28.0 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF118966.D (-509) (-)



#6

Aniline

Concen: 38.753 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

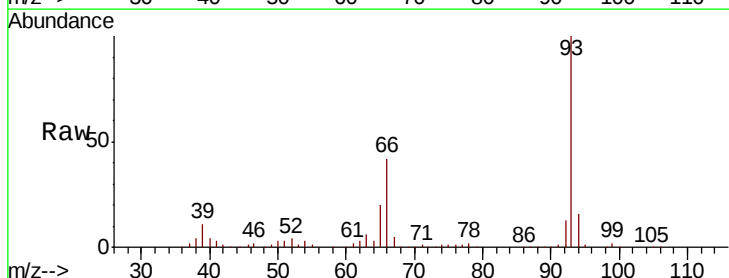
Tgt Ion: 93 Resp: 680650

Ion Ratio Lower Upper

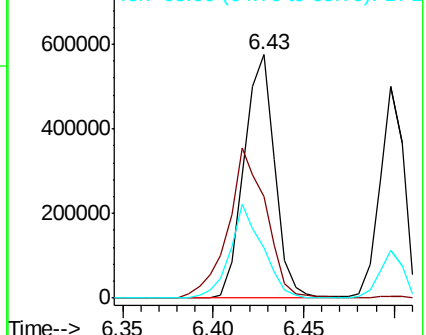
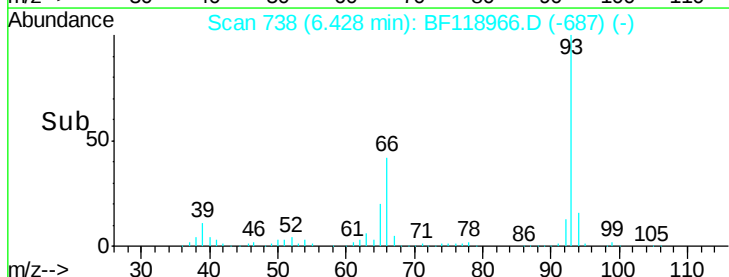
93 100

66 41.8 32.2 48.2

65 20.5 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BF118966.D (-687) (-)





#7

Phenol-d6

Concen: 77.074 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

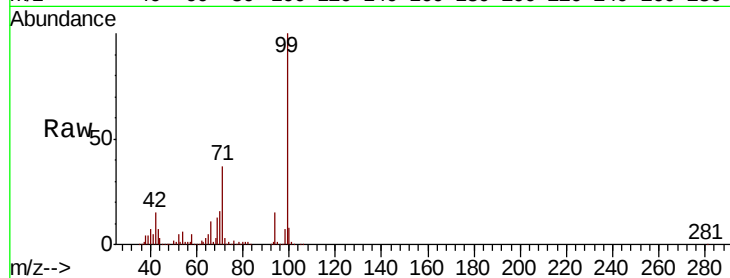
Tot Ion: 99 Resp: 1097072

Ion Ratio Lower Upper

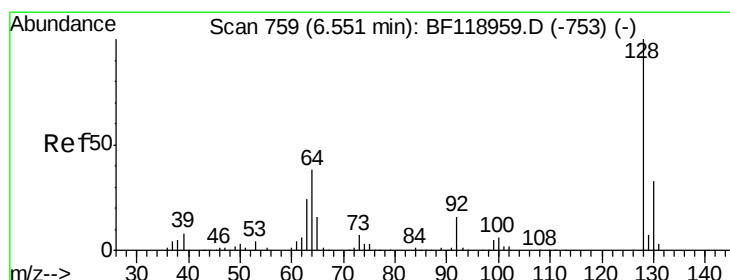
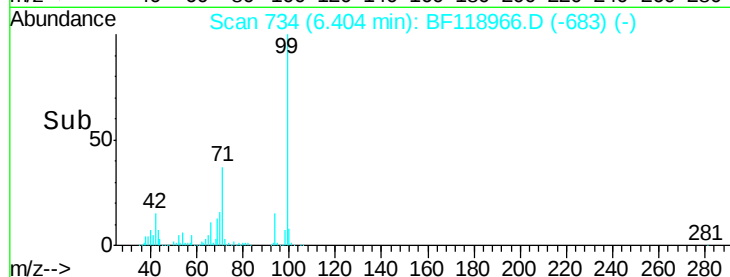
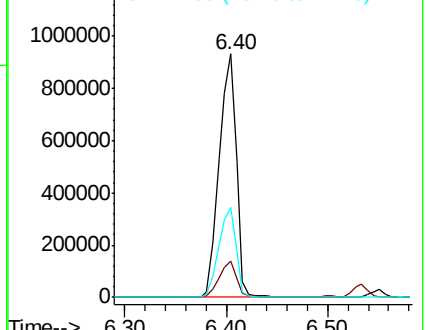
99 100

42 14.6 11.4 17.0

71 37.2 29.8 44.6



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: 38.387 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

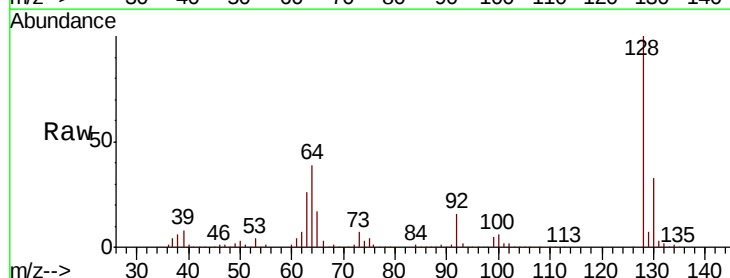
Tgt Ion: 128 Resp: 484854

Ion Ratio Lower Upper

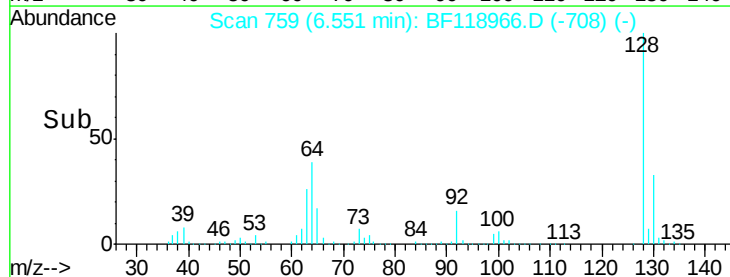
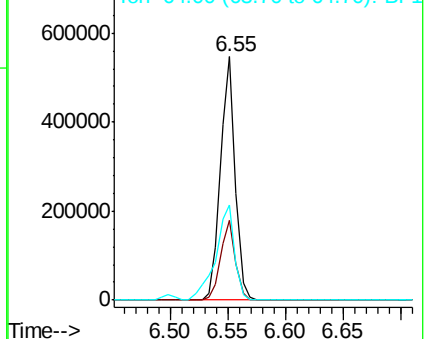
128 100

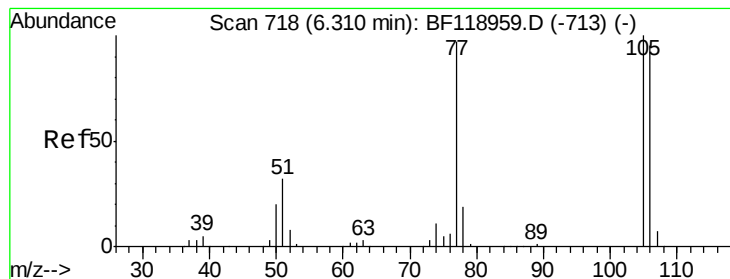
130 32.9 12.7 52.7

64 39.3 18.7 58.7



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: 39.504 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

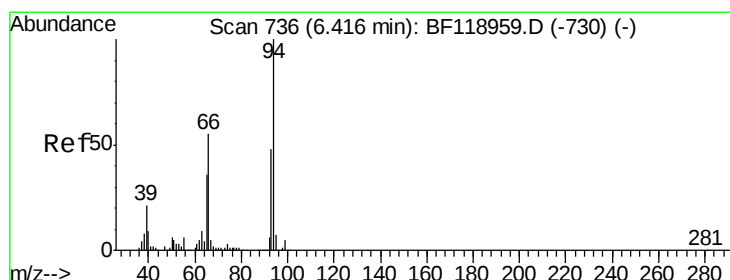
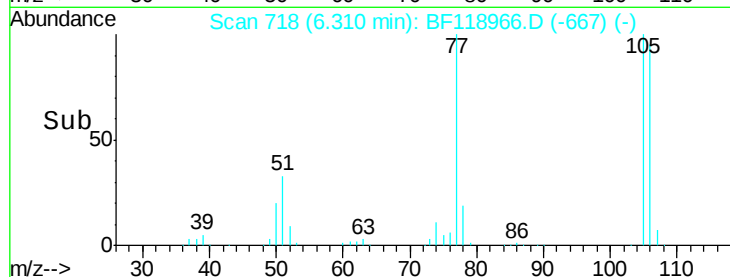
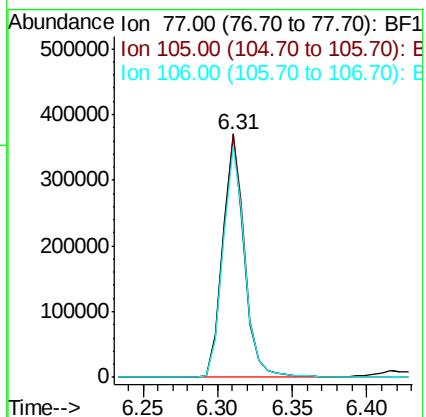
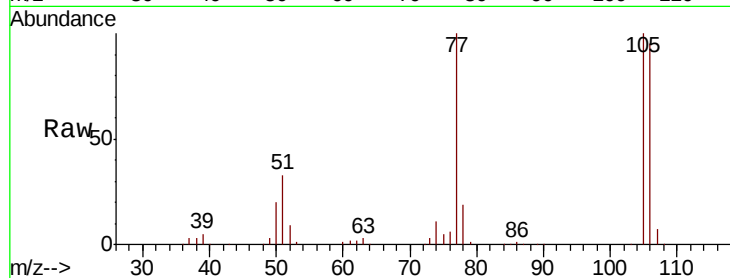
Tot Ion: 77 Resp: 375682

Ion Ratio Lower Upper

77 100

105 99.8 83.0 123.0

106 94.6 78.3 118.3



#10

Phenol

Concen: 38.829 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

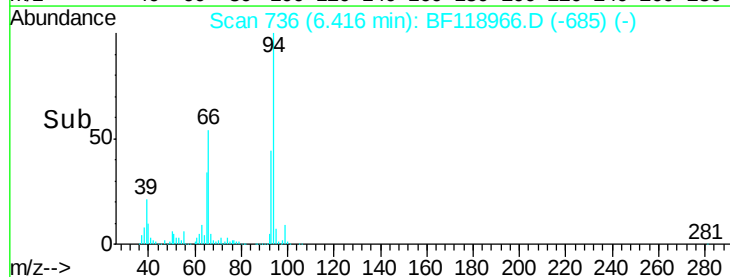
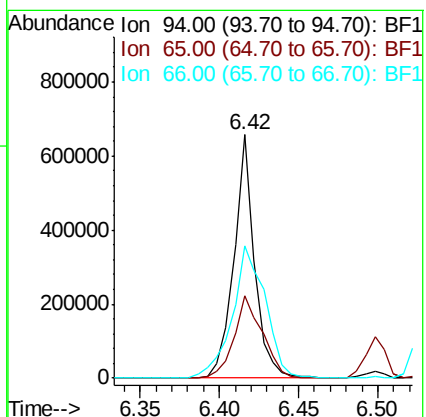
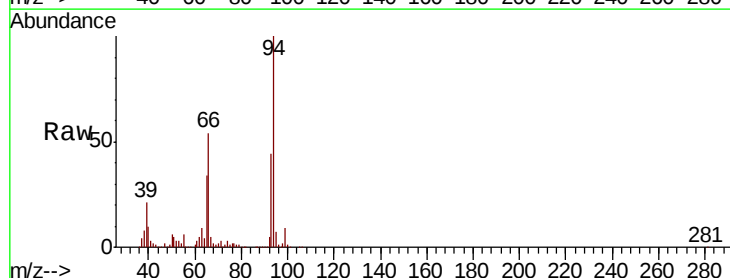
Tgt Ion: 94 Resp: 597563

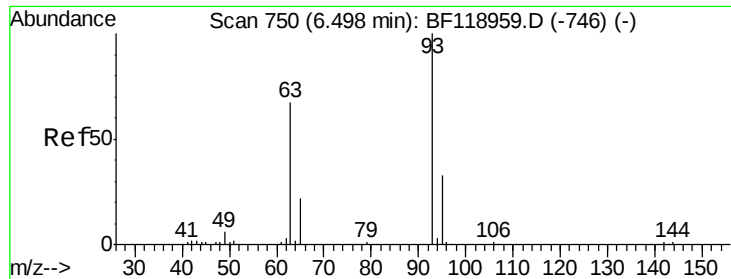
Ion Ratio Lower Upper

94 100

65 33.8 15.5 55.5

66 54.1 35.6 75.6

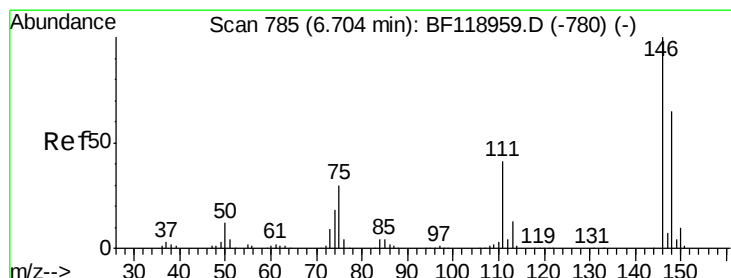
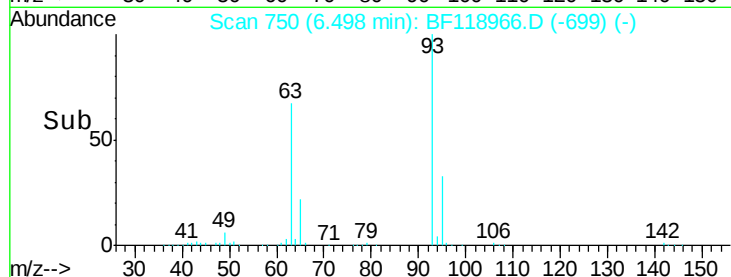
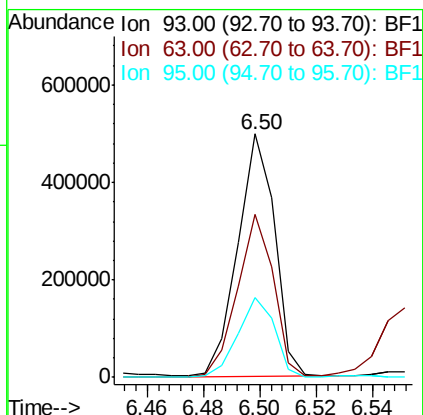
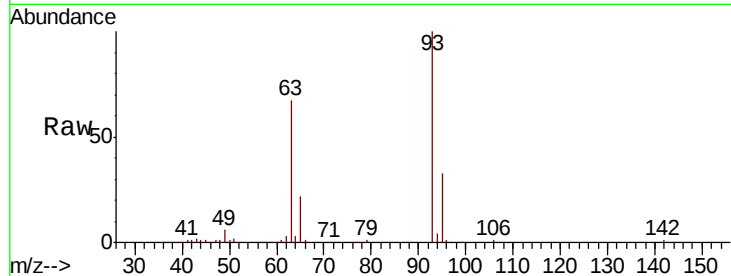




#11
bis(2-Chloroethyl)ether
Concen: 38.320 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

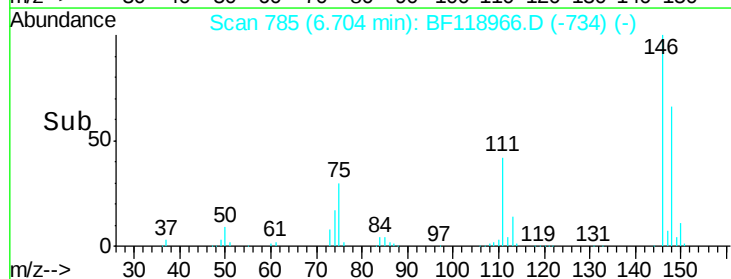
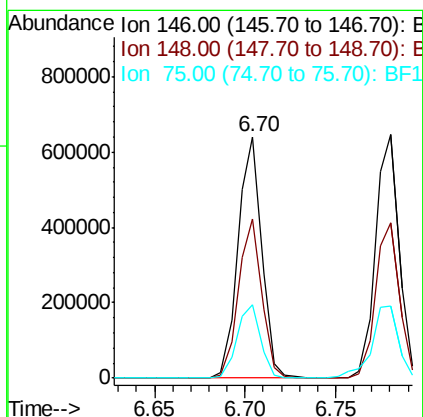
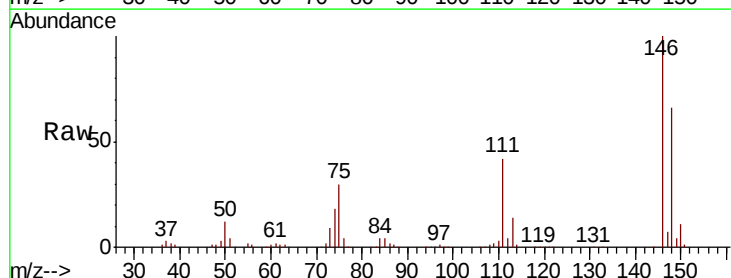
Instrument :
BNA_F
ClientSampleId :

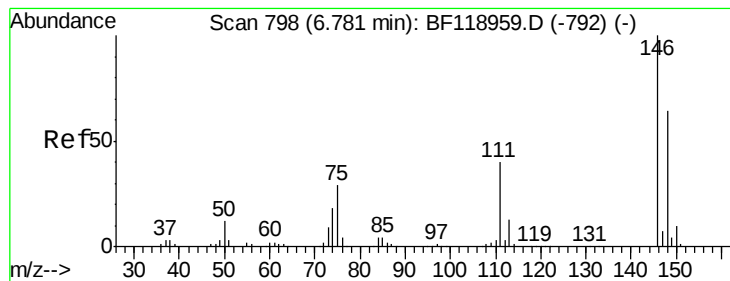
Tot Ion: 93 Resp: 451227
Ion Ratio Lower Upper
93 100
63 66.9 46.8 86.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.290 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion: 146 Resp: 579661
Ion Ratio Lower Upper
146 100
148 65.8 51.7 77.5
75 30.1 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 38.814 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

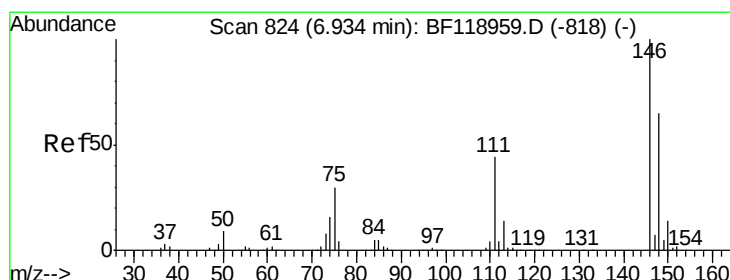
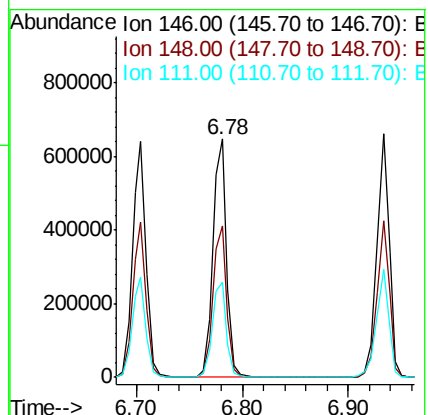
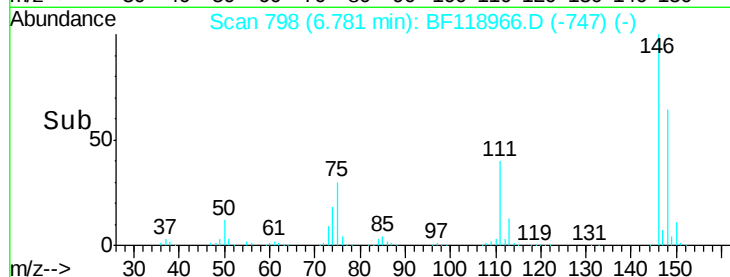
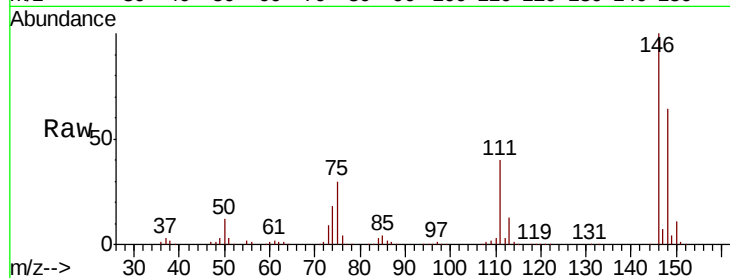
Tot Ion:146 Resp: 587992

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 40.2 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 39.050 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

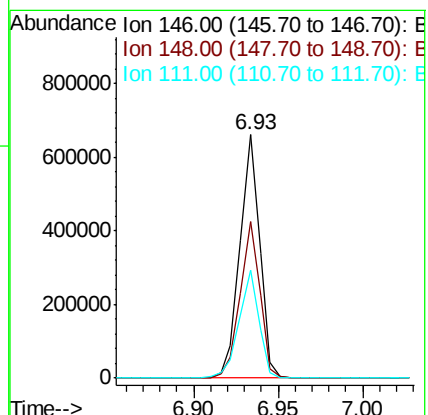
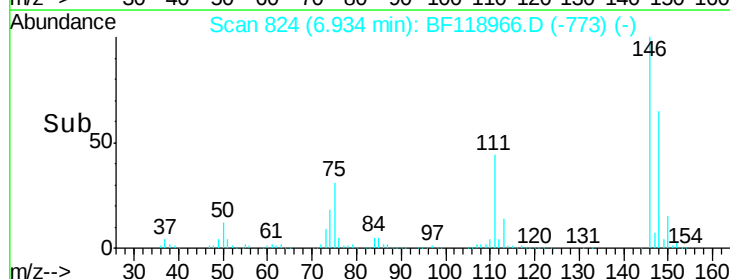
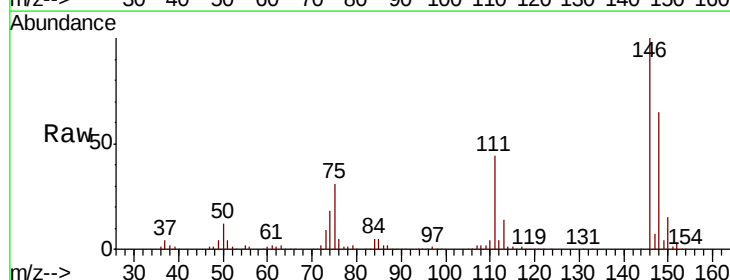
Tgt Ion:146 Resp: 539520

Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

111 44.2 35.5 53.3





#15

Benzyl Alcohol

Concen: 38.783 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampled :

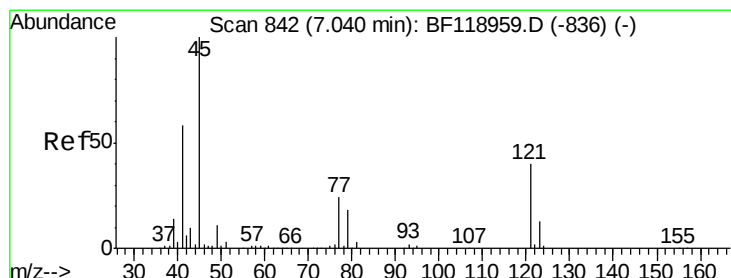
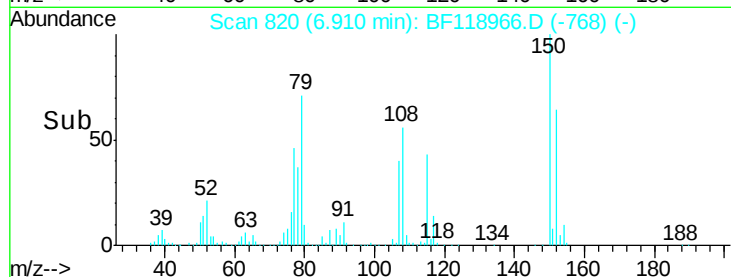
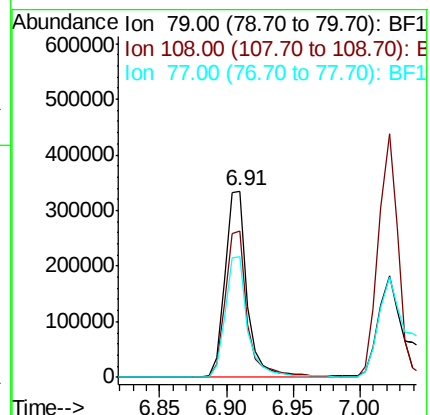
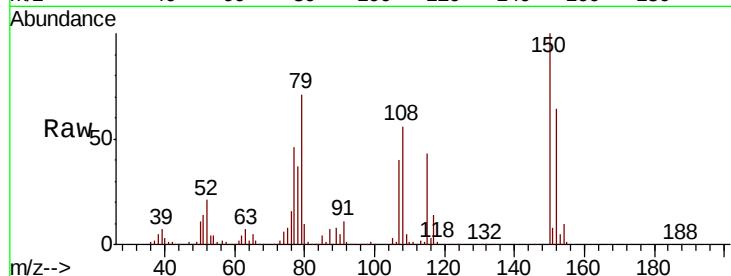
Tot Ion: 79 Resp: 398981

Ion Ratio Lower Upper

79 100

108 78.3 61.1 91.7

77 64.8 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.720 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

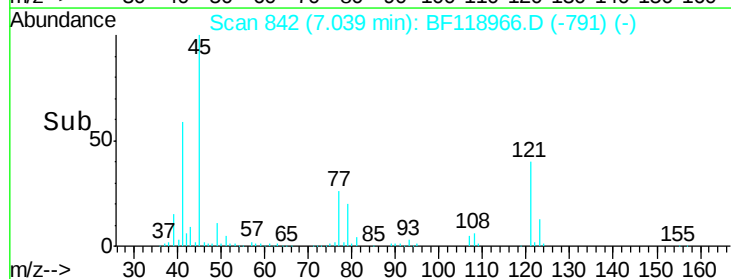
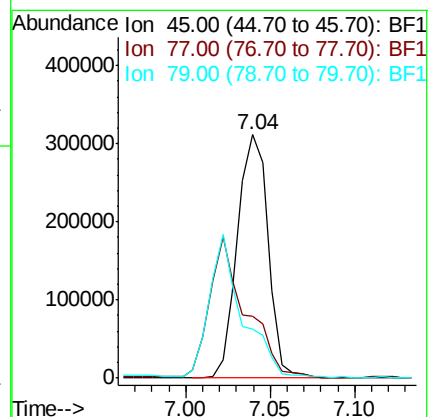
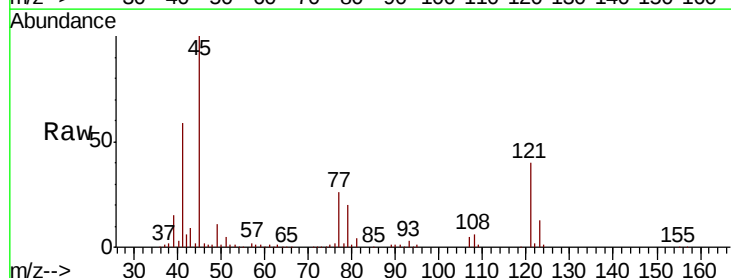
Tgt Ion: 45 Resp: 394949

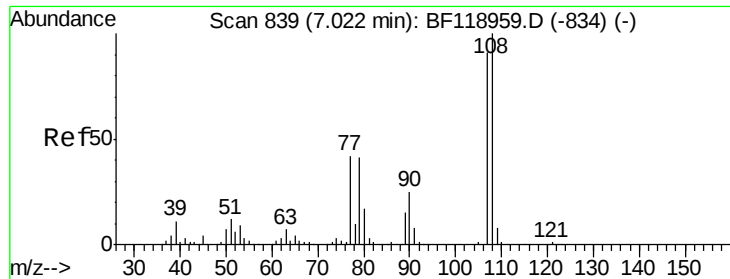
Ion Ratio Lower Upper

45 100

77 25.6 6.1 46.1

79 20.3 0.5 40.5

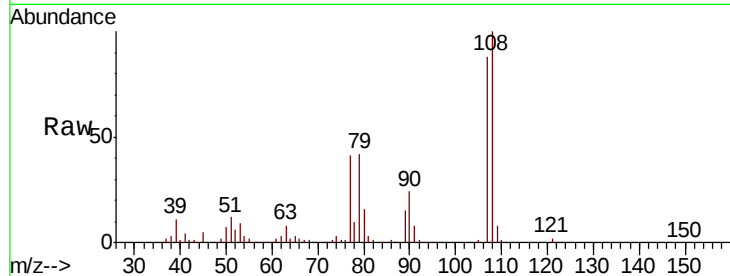




#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	87.7	131.5
77	47.2	36.8	55.2
79	47.7	36.4	54.6



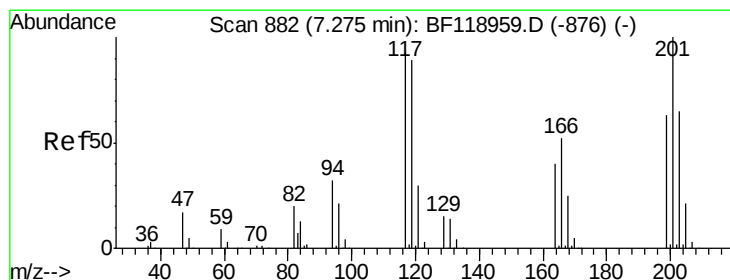
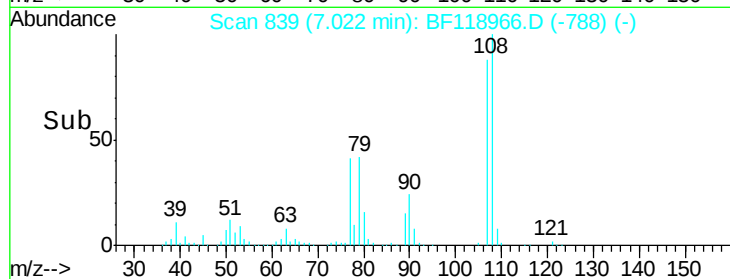
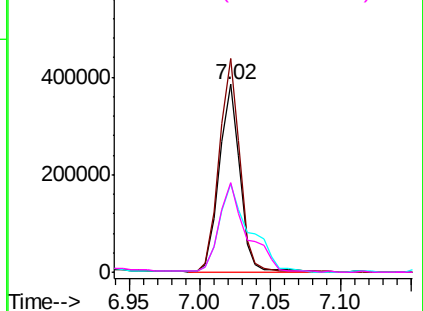
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

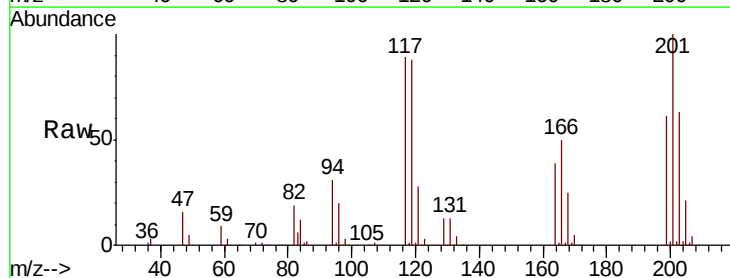
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.260 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.0	115.6
201	112.2	86.4	129.6

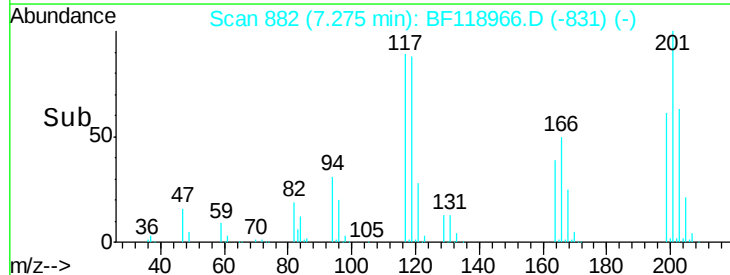
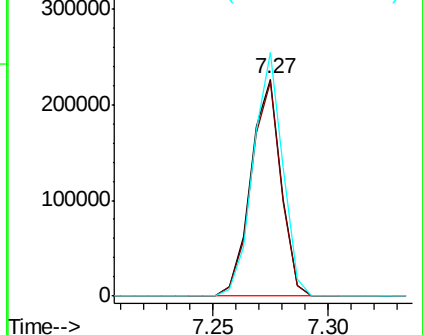


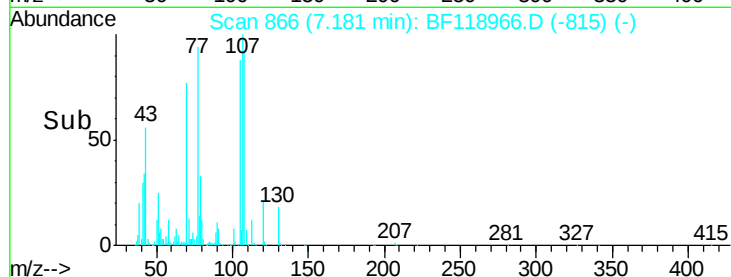
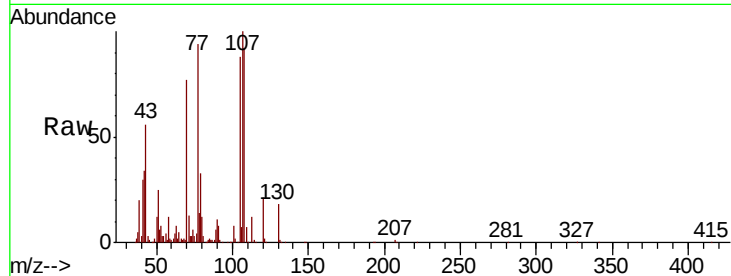
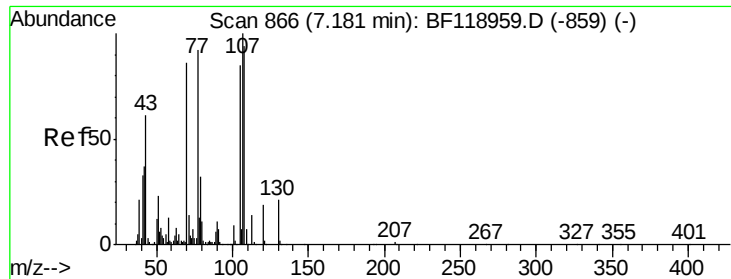
Abundance

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

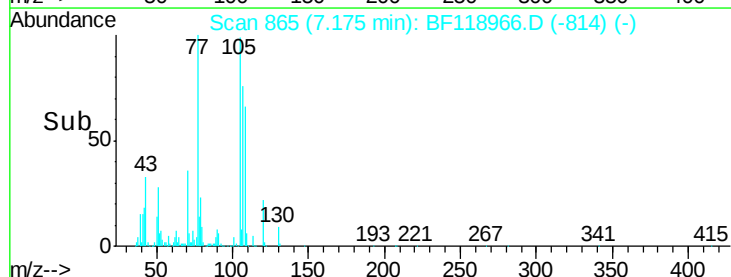
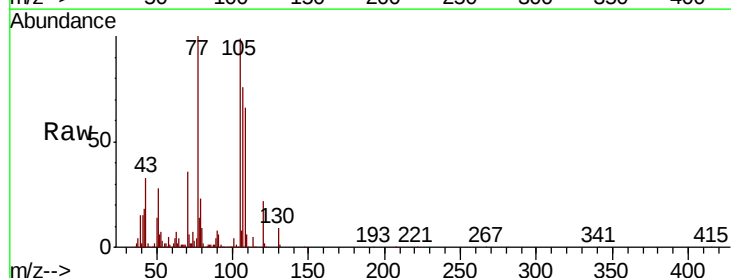
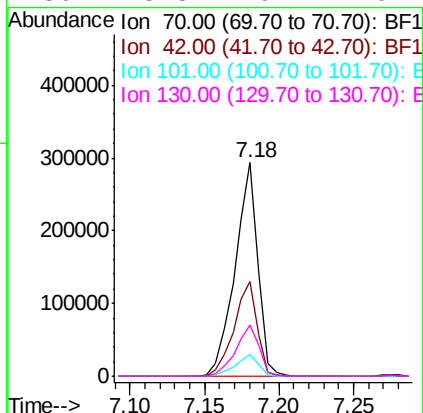




#19
n-Nitroso-di-n-propylamine
Concen: 37.794 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

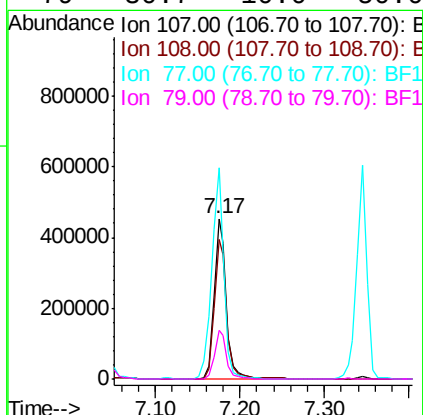
Instrument :
BNA_F
ClientSampleId :

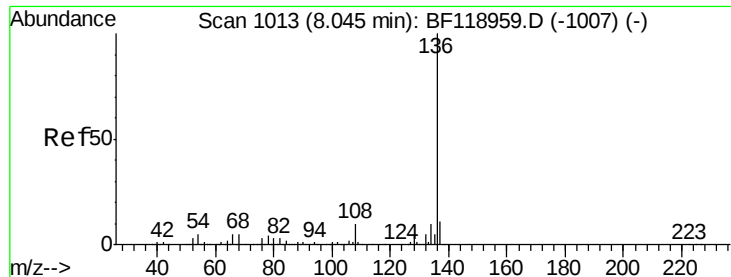
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	34.6	51.8
101	10.1	8.1	12.1
130	23.8	19.4	29.2



#20
3+4-Methylphenols
Concen: 37.027 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.0	107.0
77	131.5	106.2	146.2
79	30.7	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 713929

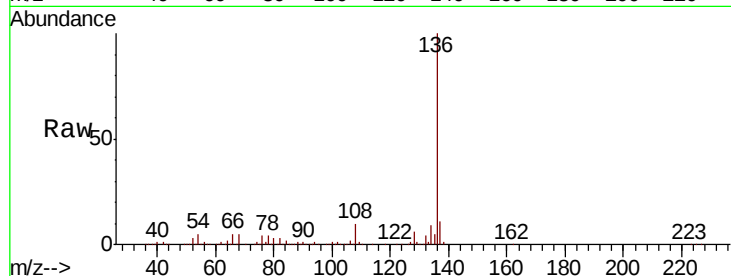
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 4.7 3.8 5.6

68 5.1 4.2 6.2

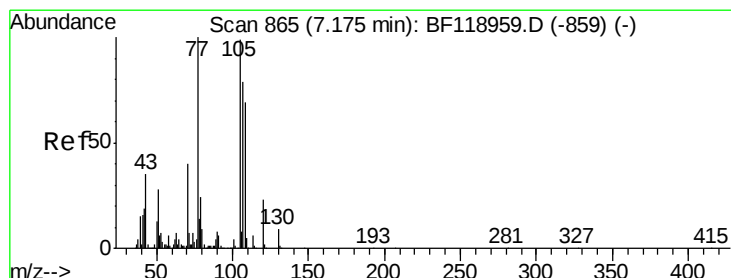
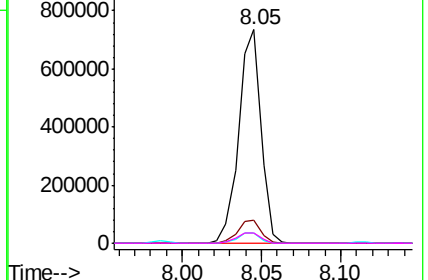
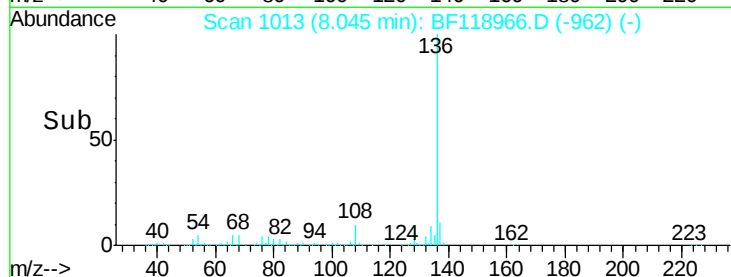


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.173 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Tgt Ion:105 Resp: 614040

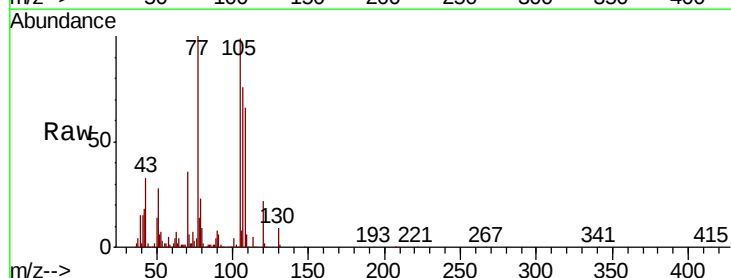
Ion Ratio Lower Upper

105 100

71 6.0 5.4 8.0

51 28.5 22.5 33.7

120 22.7 18.4 27.6

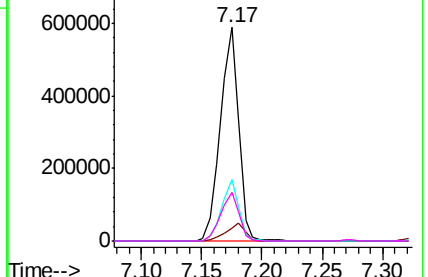
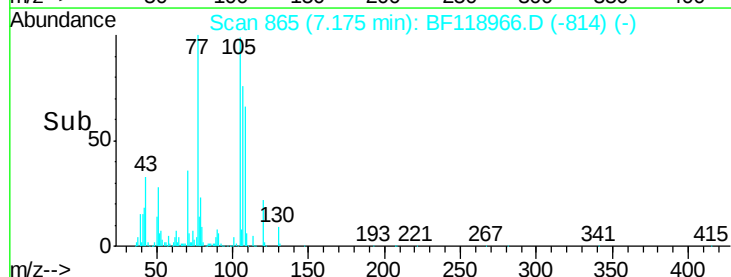


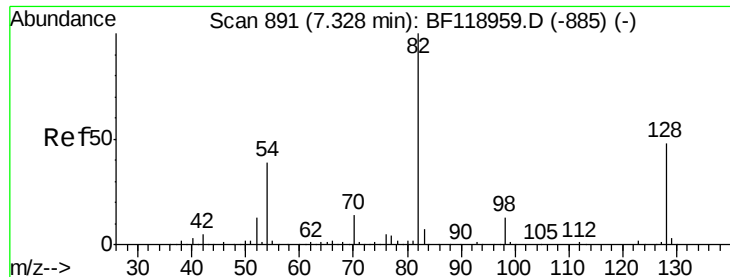
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

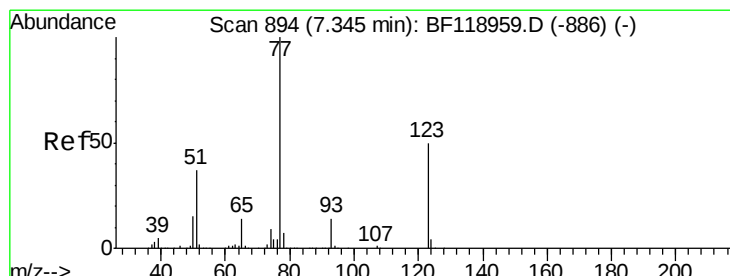
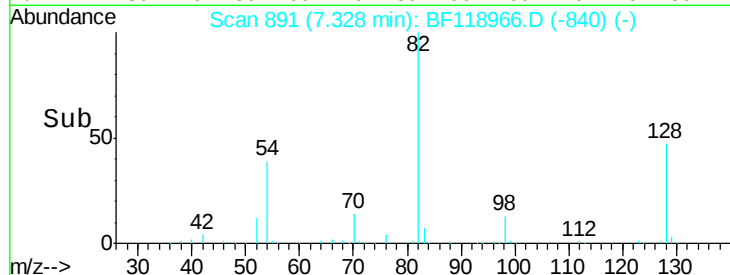
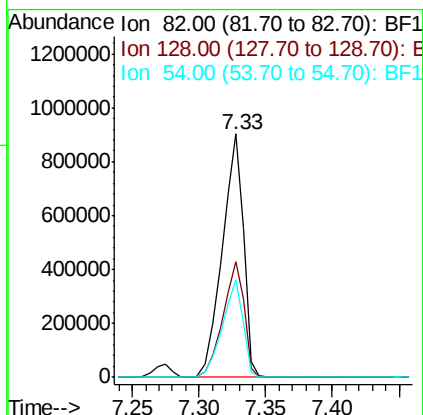
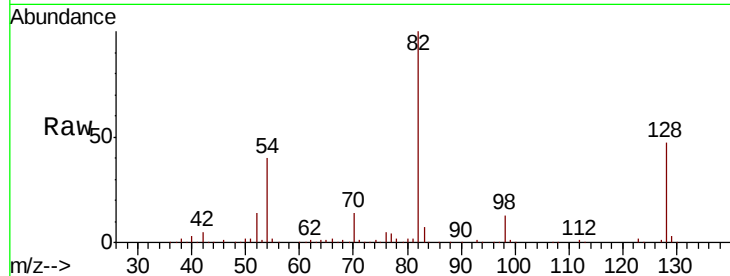




#23
Nitrobenzene-d5
Concen: 75.162 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

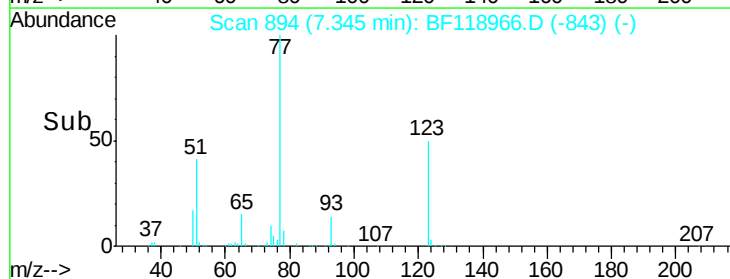
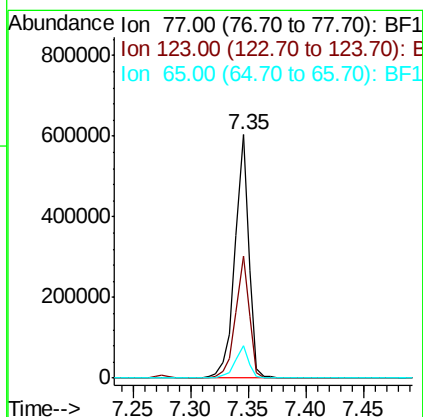
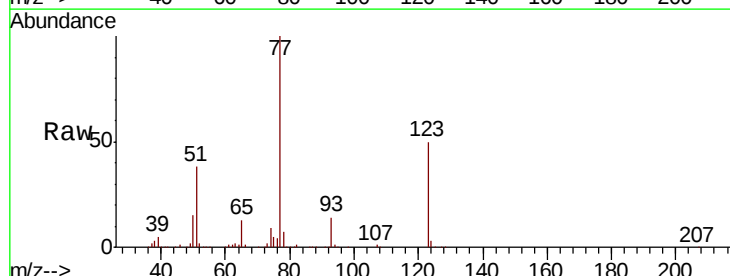
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1016290
Ion Ratio Lower Upper
82 100
128 47.4 38.2 57.2
54 40.0 31.3 46.9



#24
Nitrobenzene
Concen: 37.601 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion: 77 Resp: 502779
Ion Ratio Lower Upper
77 100
123 50.0 40.1 60.1
65 13.3 10.9 16.3

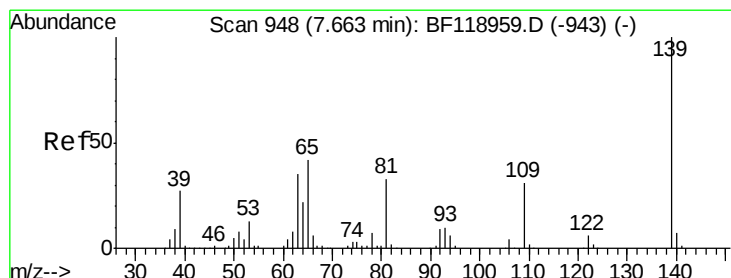
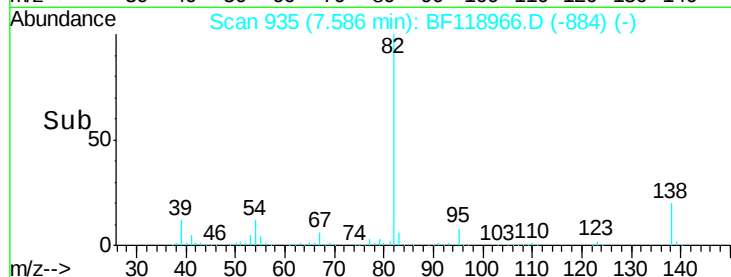
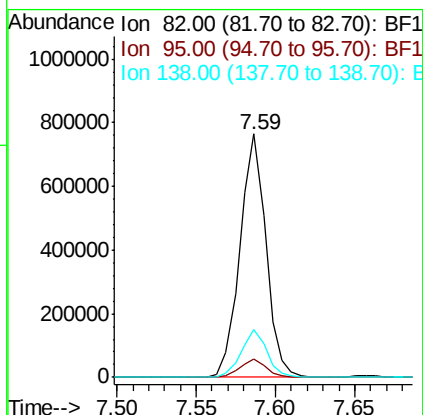
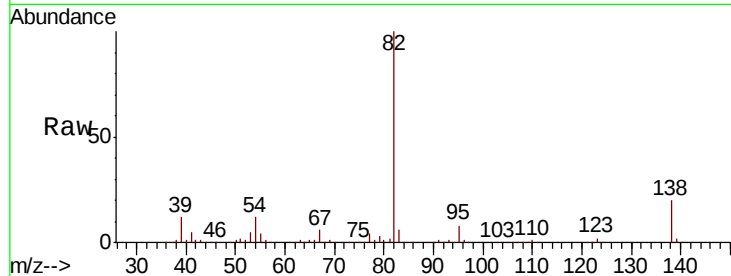




#25
Isophorone
Concen: 37.057 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

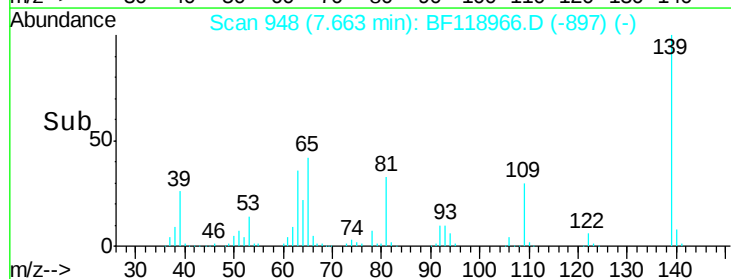
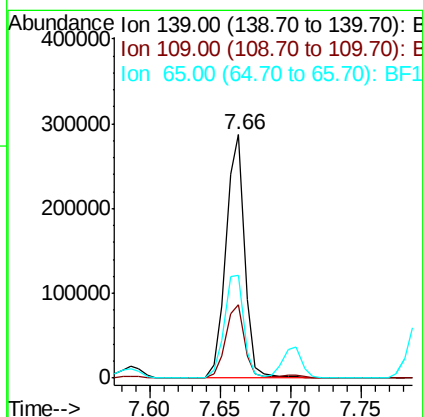
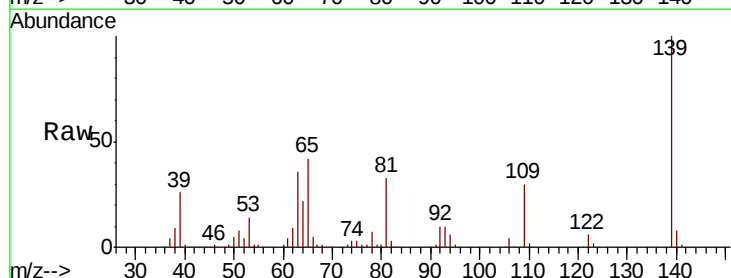
Instrument :
BNA_F
ClientSampled :

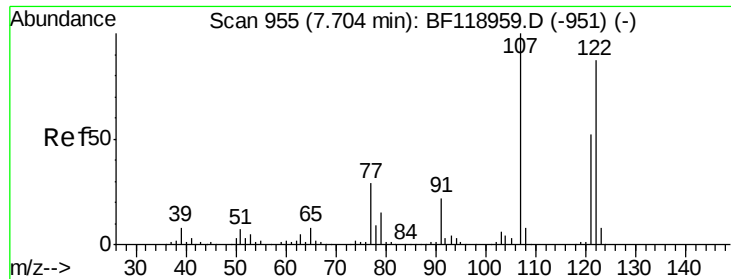
Tot Ion: 82 Resp: 870196
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.8 15.8 23.6



#26
2-Nitrophenol
Concen: 37.444 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion: 139 Resp: 265279
Ion Ratio Lower Upper
139 100
109 30.0 24.6 36.8
65 42.3 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 37.143 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampled :

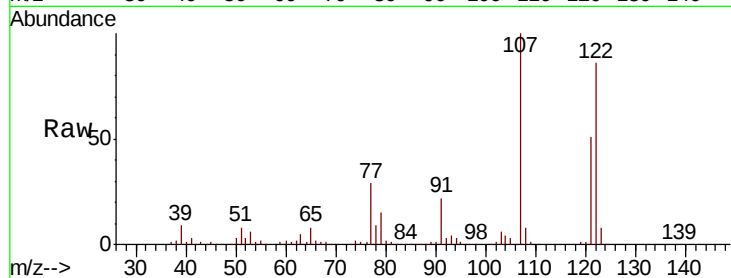
Tot Ion:122 Resp: 357137

Ion Ratio Lower Upper

122 100

107 116.8 91.8 137.8

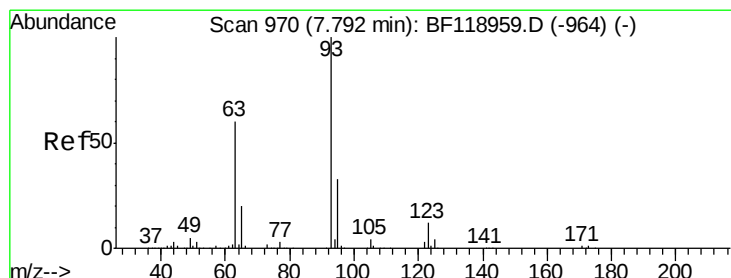
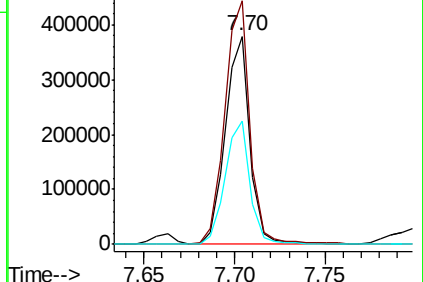
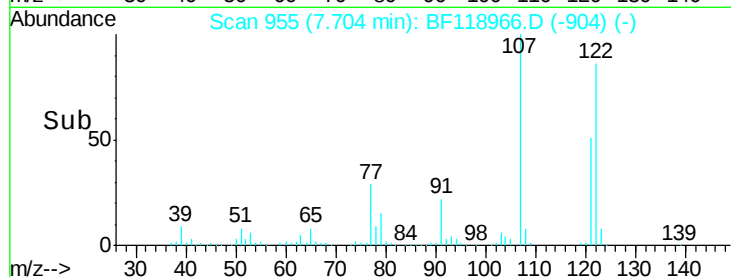
121 59.2 47.4 71.0



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: 37.272 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

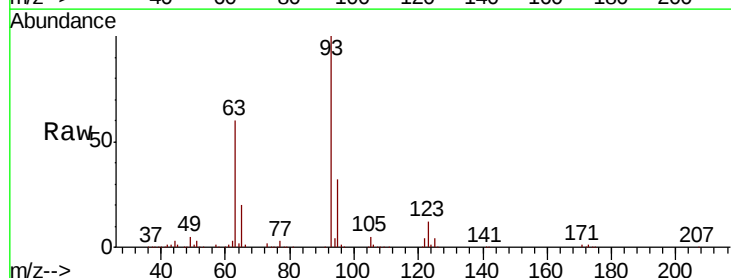
Tgt Ion: 93 Resp: 569689

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

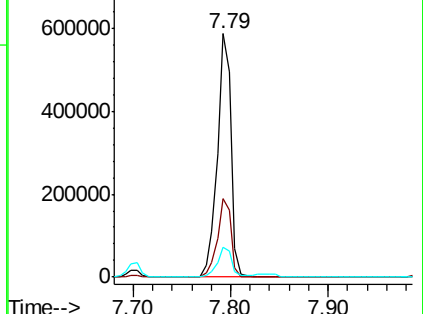
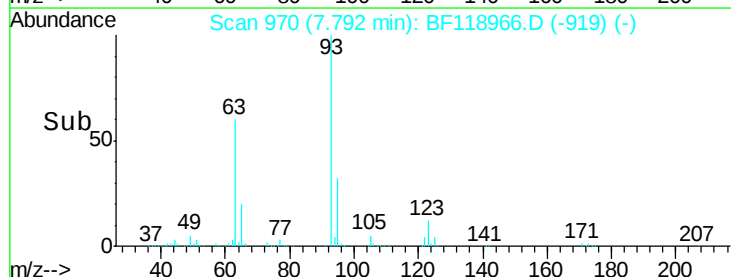
123 12.4 9.8 14.8

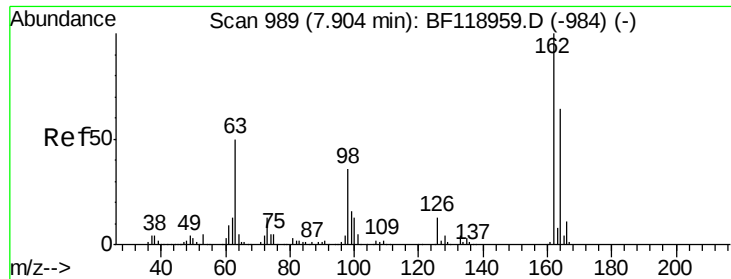


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.902 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampled :

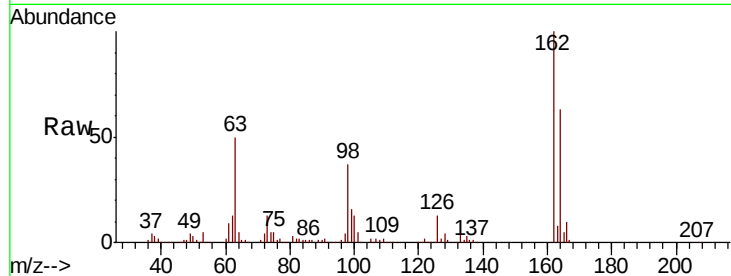
Tot Ion:162 Resp: 429030

Ion Ratio Lower Upper

162 100

164 62.9 44.1 84.1

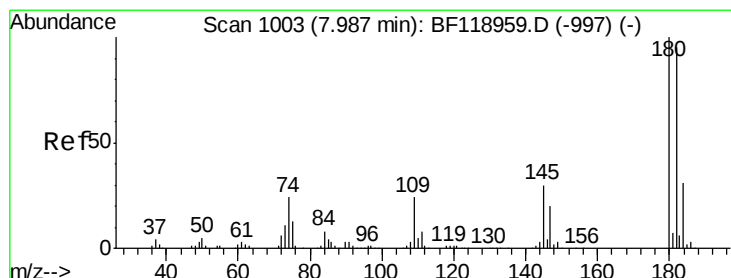
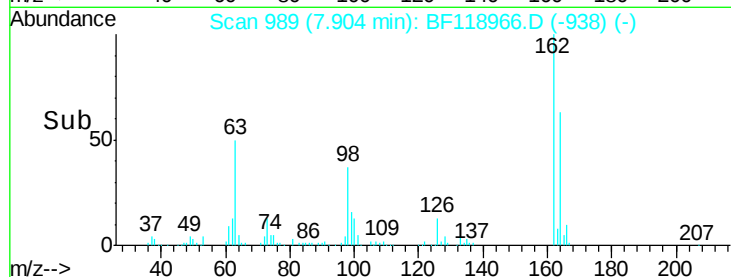
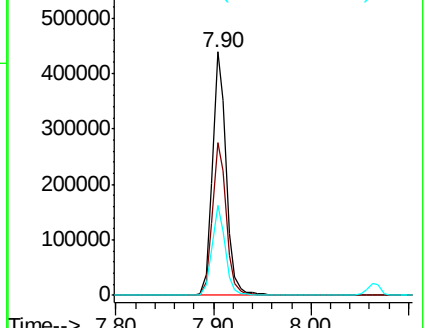
98 36.8 16.4 56.4



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: 37.804 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

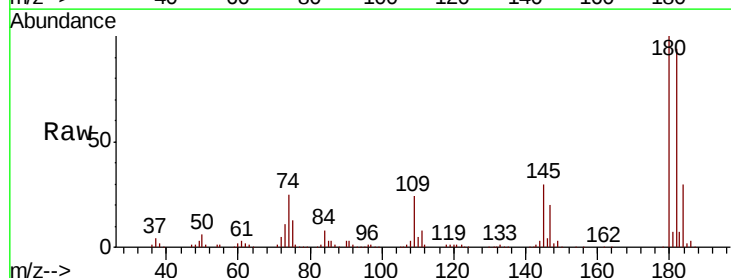
Tgt Ion:180 Resp: 507366

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

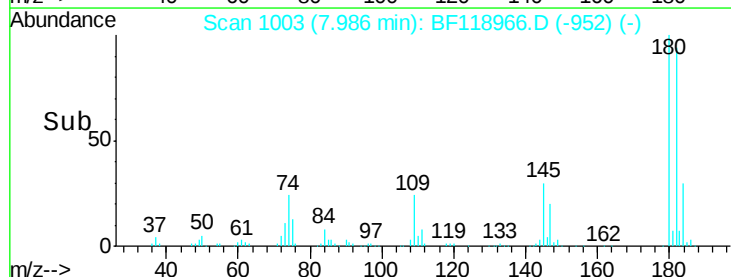
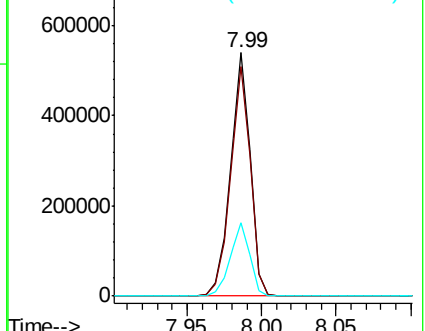
145 29.9 24.2 36.2

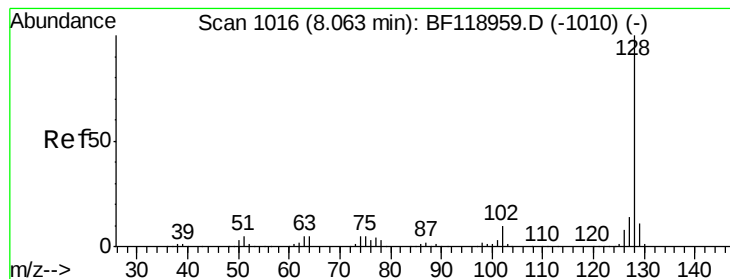


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.480 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

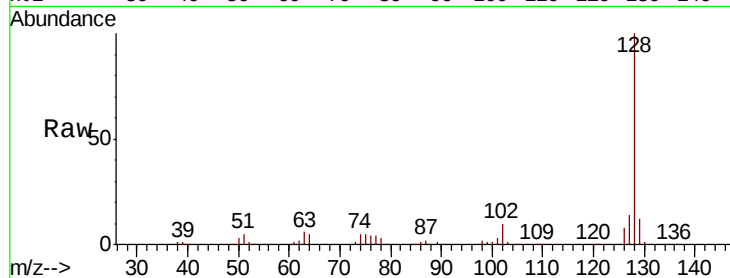
Tot Ion:128 Resp: 1387704

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.4

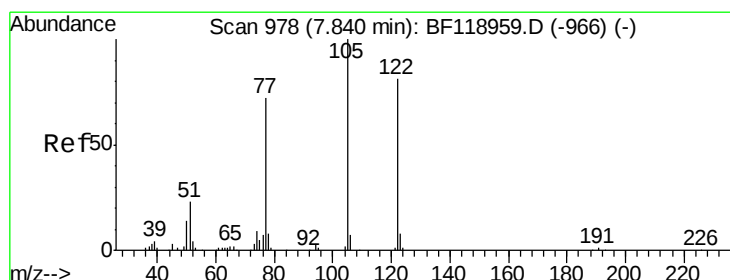
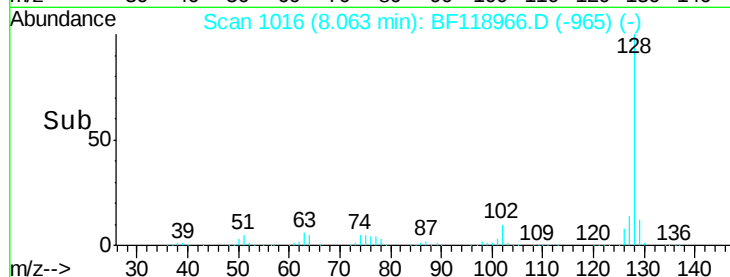
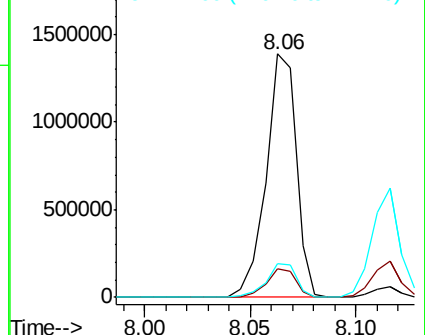
127 13.9 10.9 16.3



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: 36.135 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

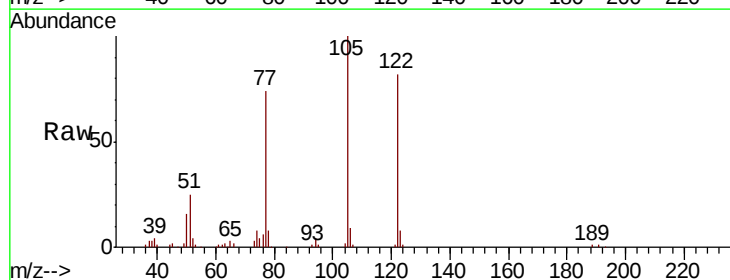
Tgt Ion:122 Resp: 240066

Ion Ratio Lower Upper

122 100

105 122.5 102.2 142.2

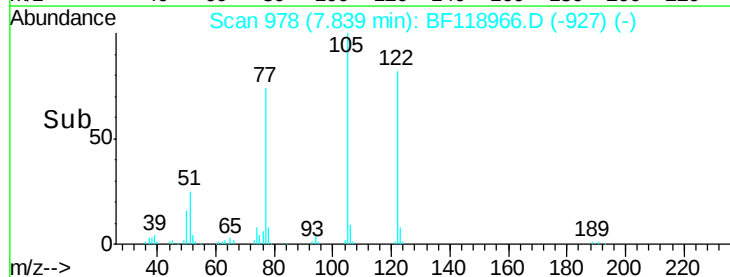
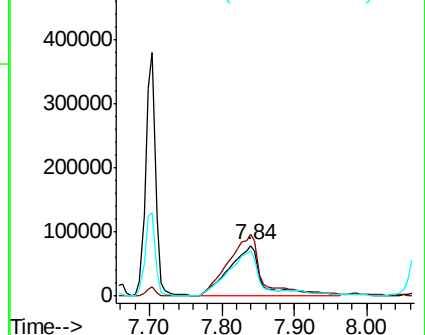
77 90.1 68.6 108.6

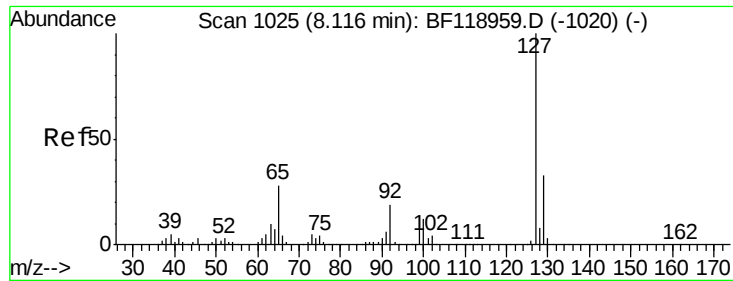


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

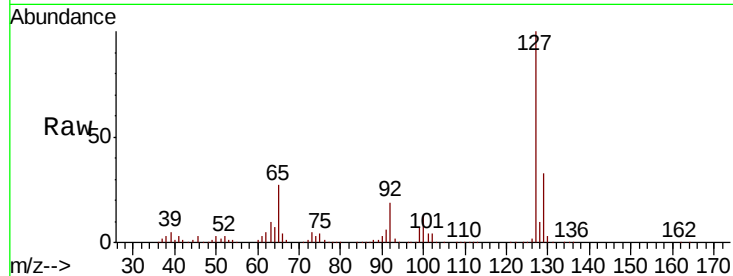




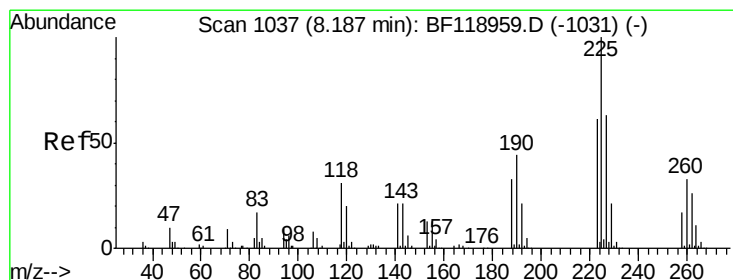
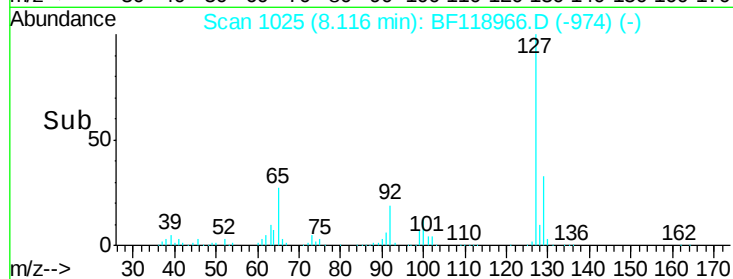
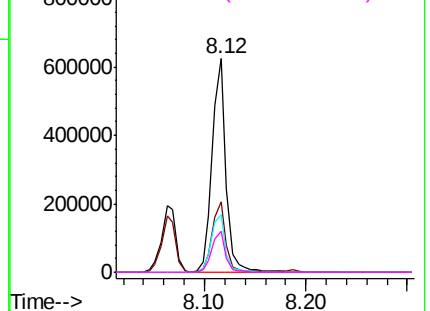
#33
4-Chloroaniline
Concen: 37.126 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	591234
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	27.3	22.0	33.0
92	19.0	15.5	23.3

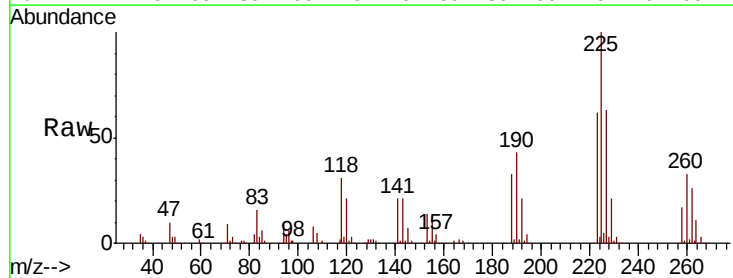


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

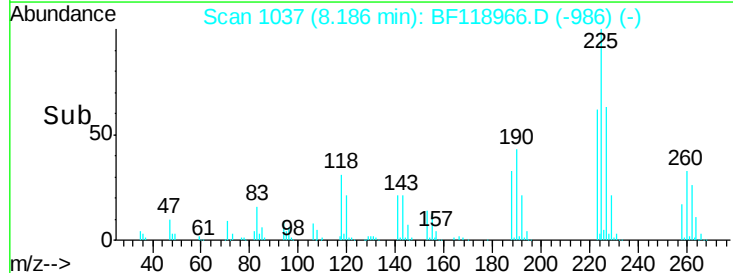
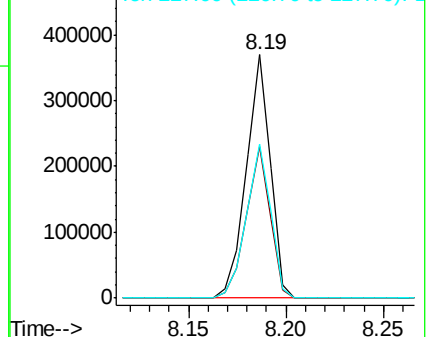


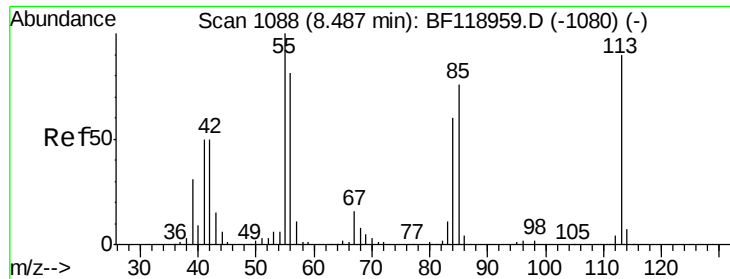
#34
Hexachlorobutadiene
Concen: 37.792 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion:	225	Resp:	315930
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.9	73.3
227	63.3	50.4	75.6



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

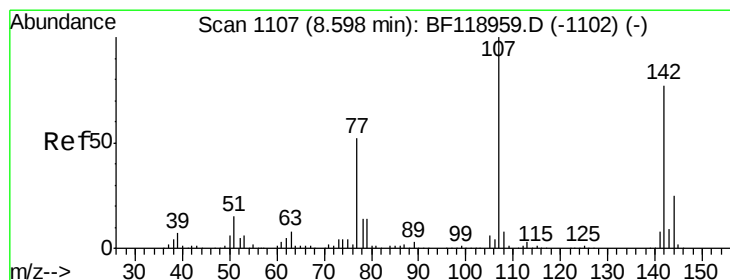
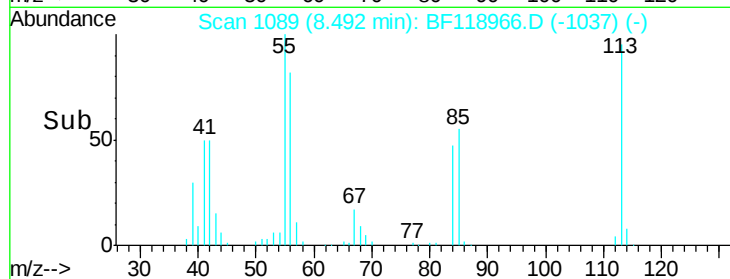
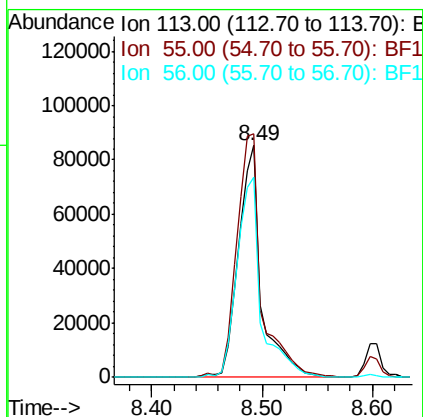
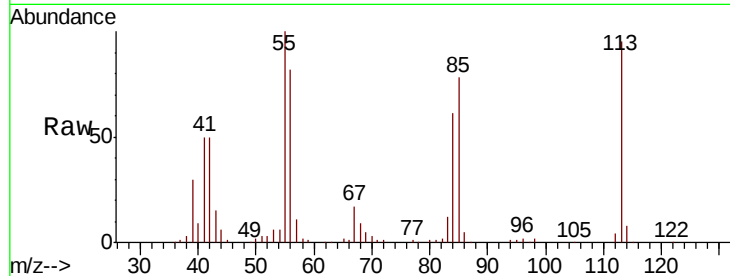




#35
 Caprolactam
 Concen: 36.007 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

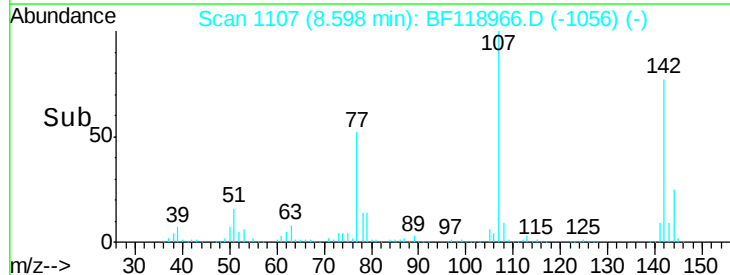
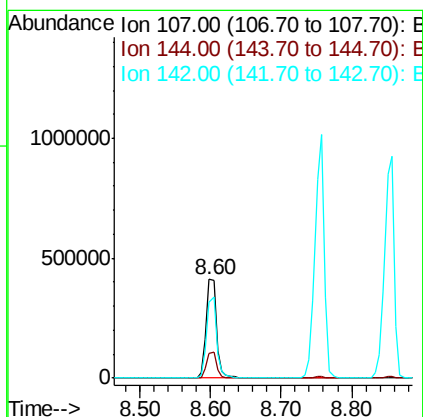
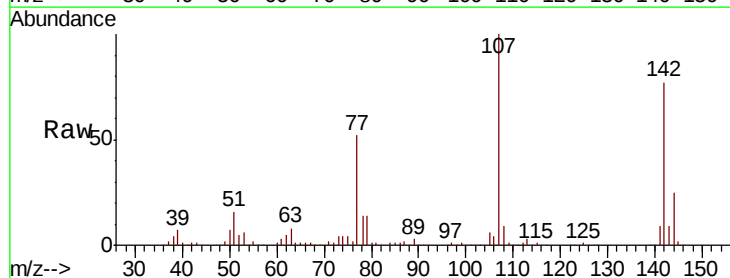
Instrument :
 BNA_F
 ClientSampled :

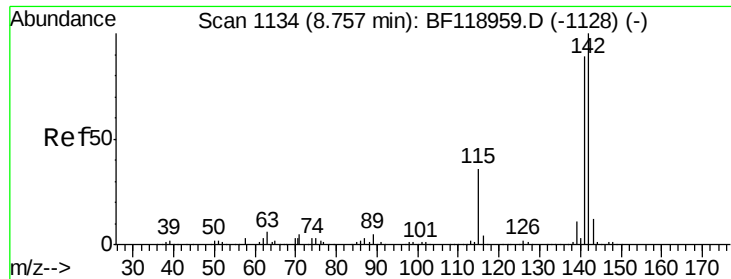
Tot Ion:113 Resp: 125500
 Ion Ratio Lower Upper
 113 100
 55 105.0 90.8 130.8
 56 86.5 70.0 110.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.997 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Tgt Ion:107 Resp: 423826
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.8
 142 77.0 61.3 91.9

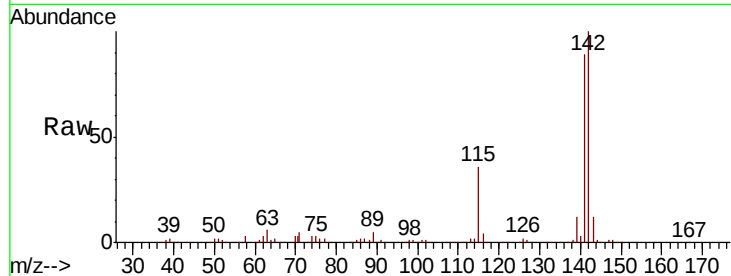




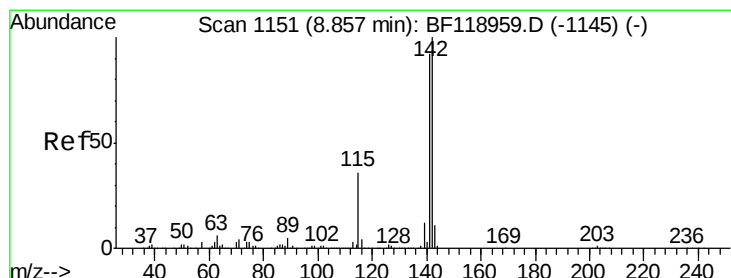
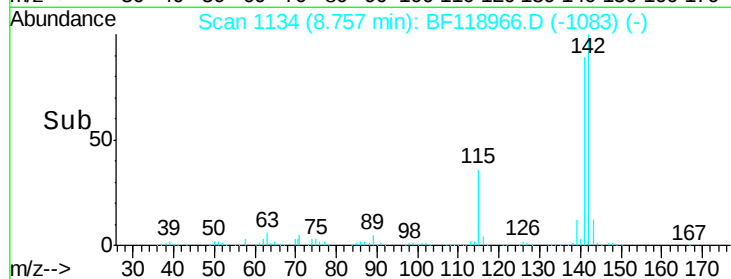
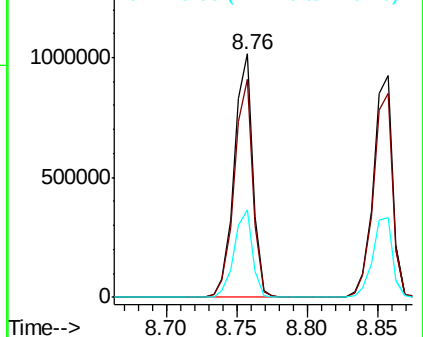
#37
2-Methylnaphthalene
Concen: 37.300 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	35.7	28.6	42.8

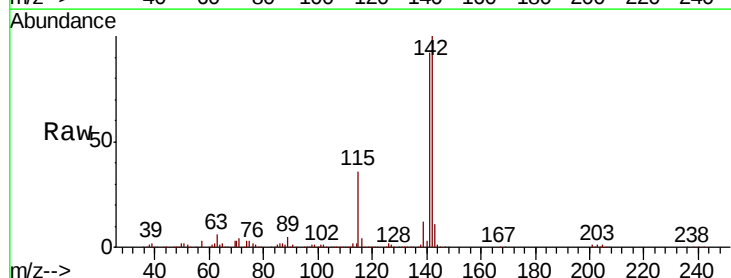


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

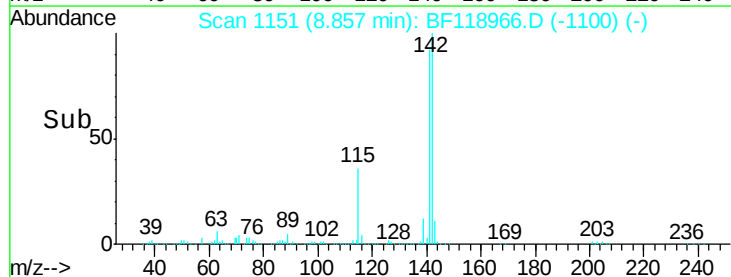
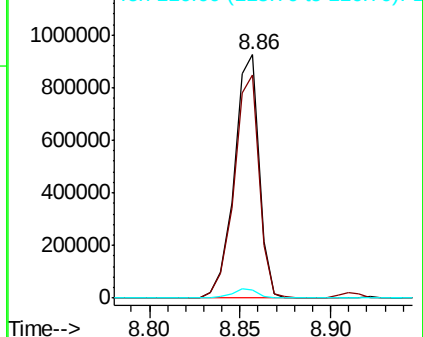


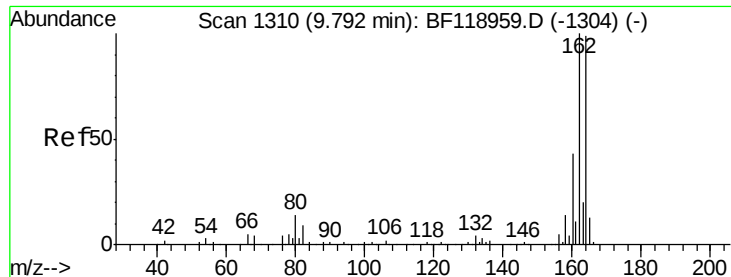
#38
1-Methylnaphthalene
Concen: 37.591 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5
116	3.6	3.0	4.6



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

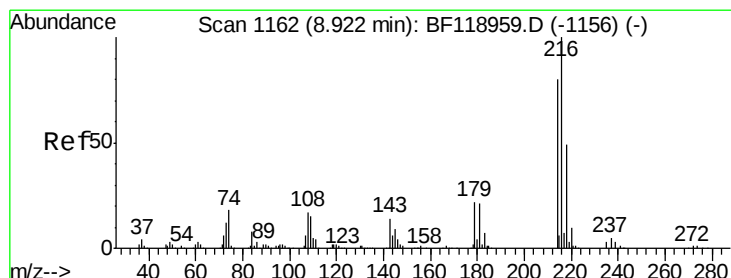
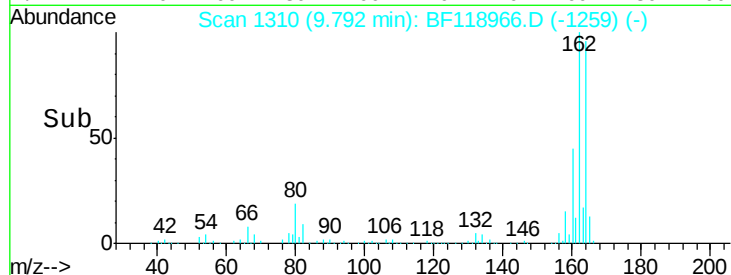
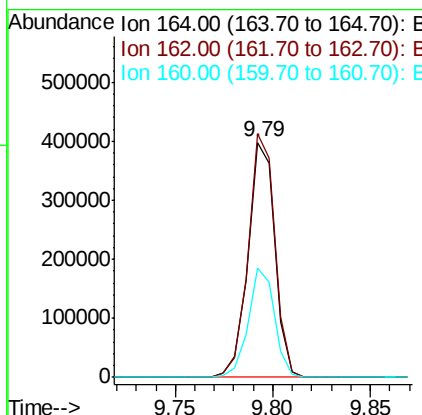
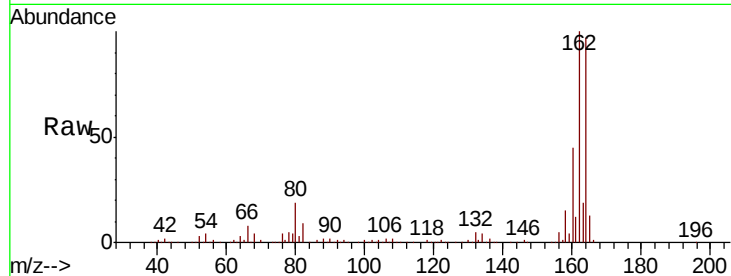




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

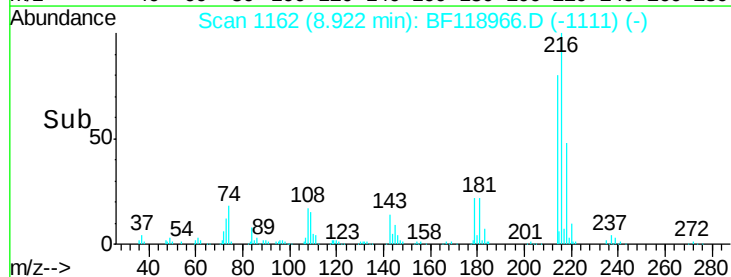
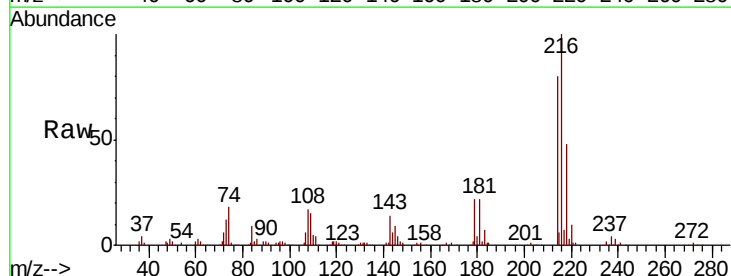
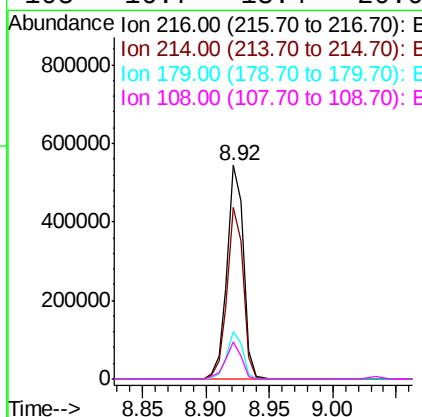
Instrument :
BNA_F
ClientSampleId :

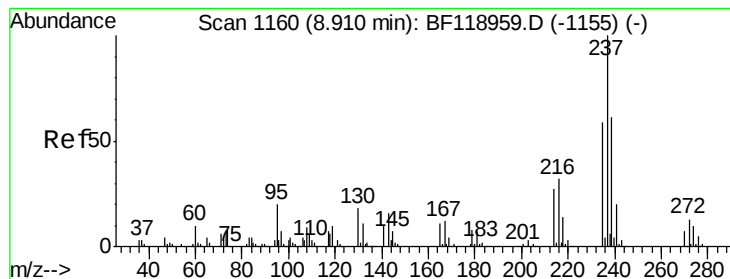
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.2	121.8
160	46.3	35.2	52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.377 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.1	94.7
179	21.4	17.2	25.8
108	16.7	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 37.217 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

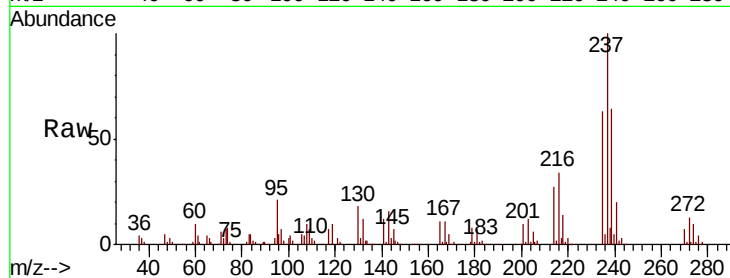
Tot Ion:237 Resp: 146316

Ion Ratio Lower Upper

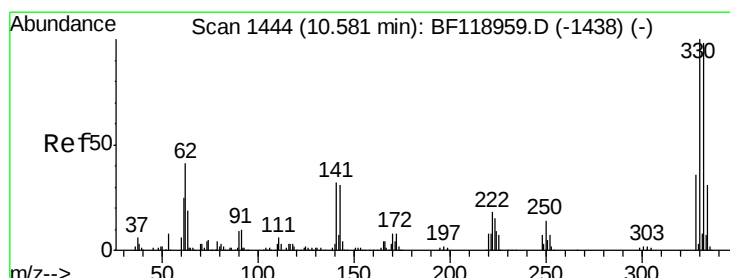
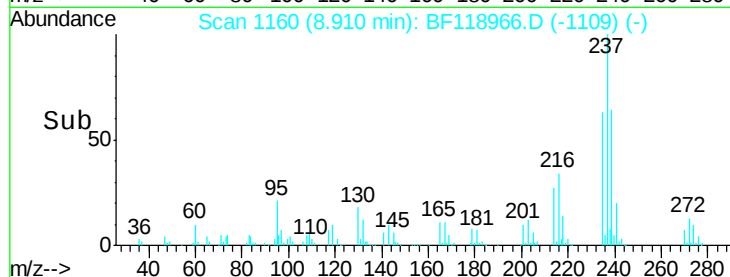
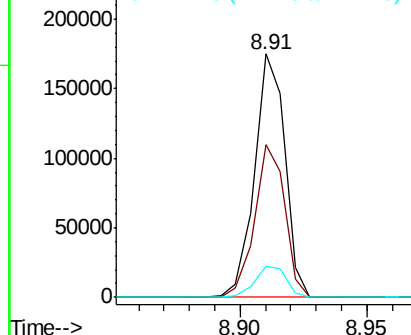
237 100

235 62.5 39.4 79.4

272 13.0 0.0 32.6



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: 73.280 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

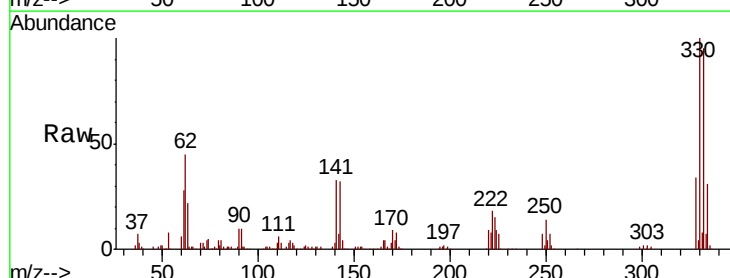
Tgt Ion:330 Resp: 362540

Ion Ratio Lower Upper

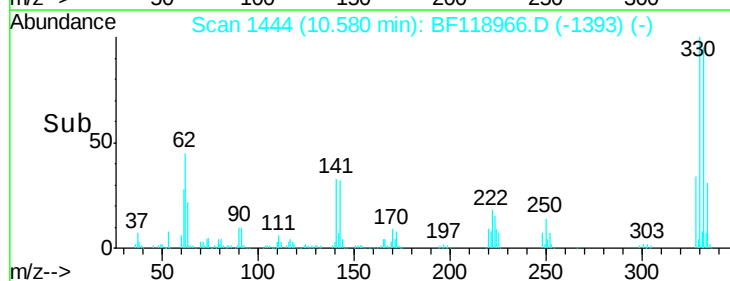
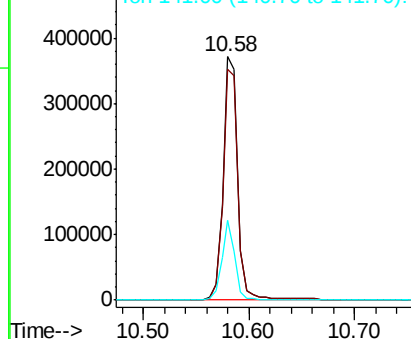
330 100

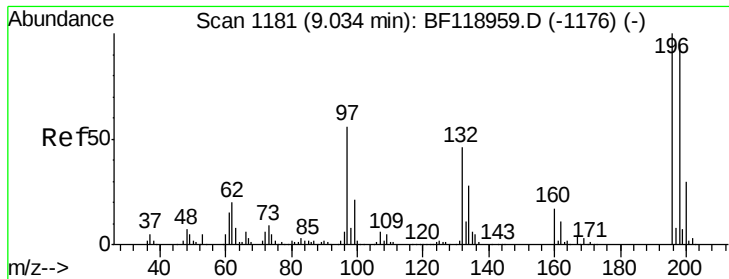
332 97.4 77.1 115.7

141 29.2 23.0 34.6



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

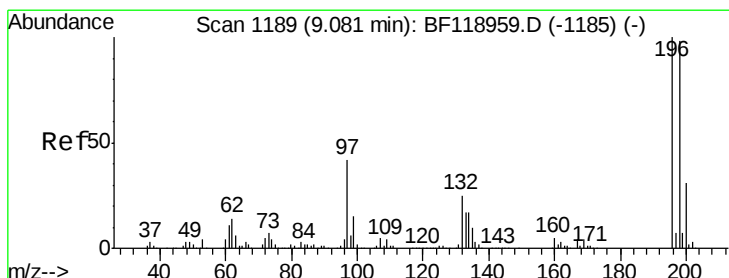
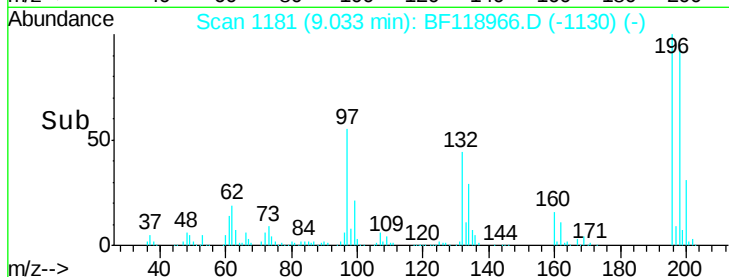
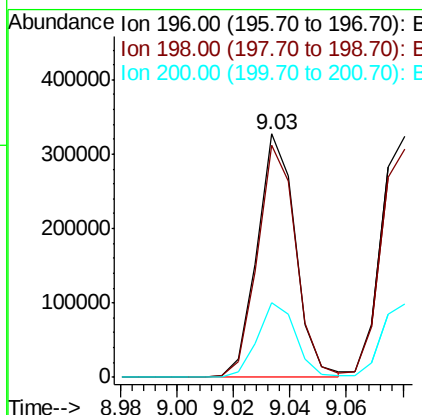
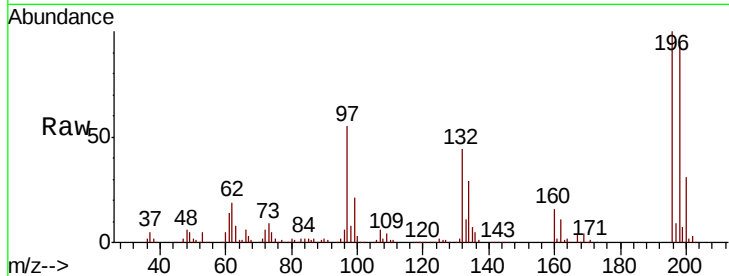




#43
 2,4,6-Trichlorophenol
 Concen: 38.030 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

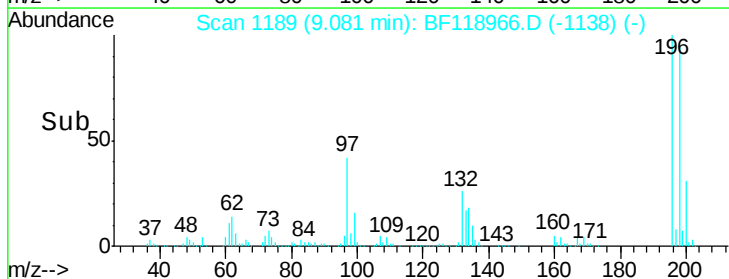
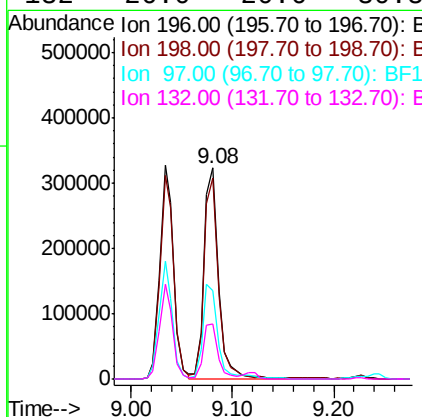
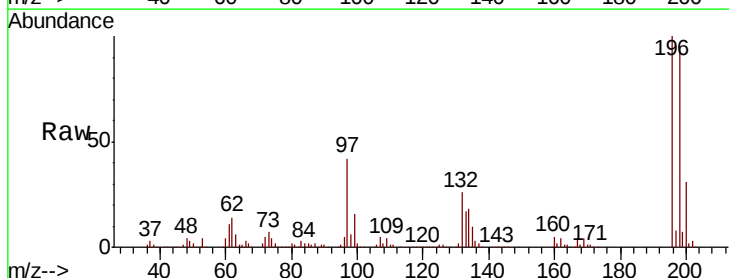
Instrument :
 BNA_F
 ClientSampleId :

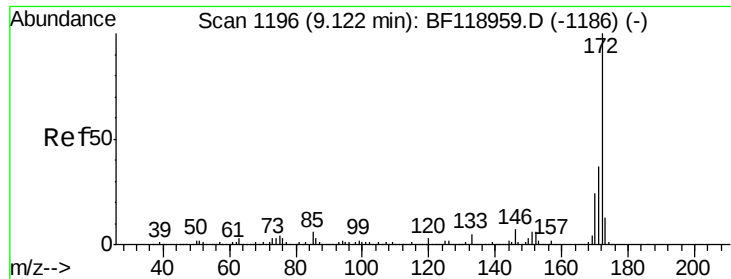
Tot Ion:196 Resp: 306222
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.8 113.6
 200 30.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.180 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Tgt Ion:196 Resp: 322604
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.4 117.6
 97 41.7 33.4 50.0
 132 26.0 20.6 30.8



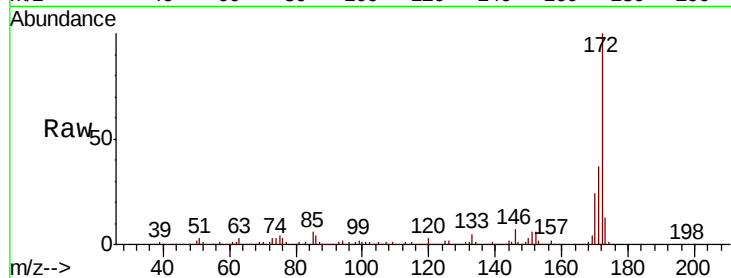


#45
 2-Fluorobiphenyl
 Concen: 74.218 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

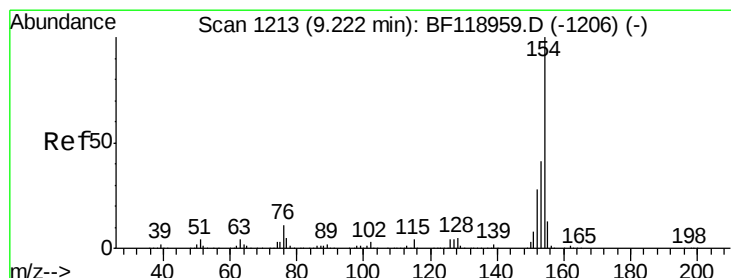
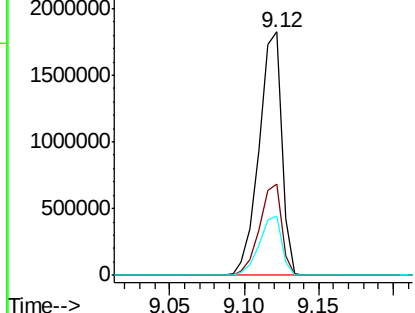
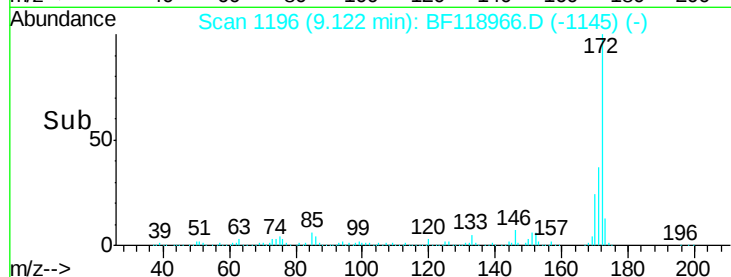
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1905293

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	24.4	19.6	29.4



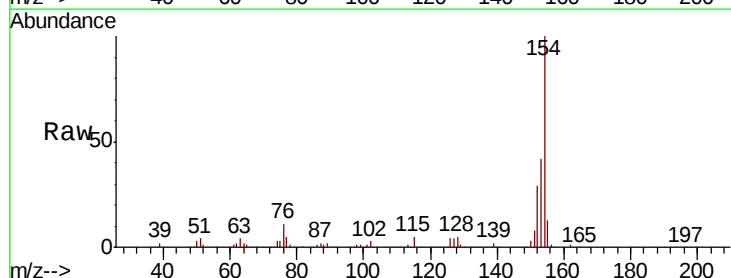
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



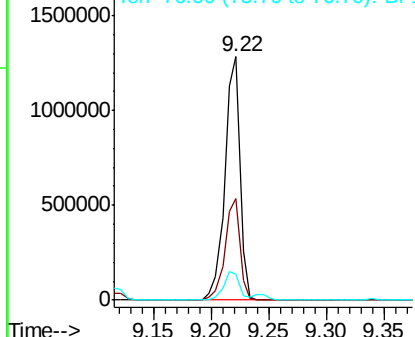
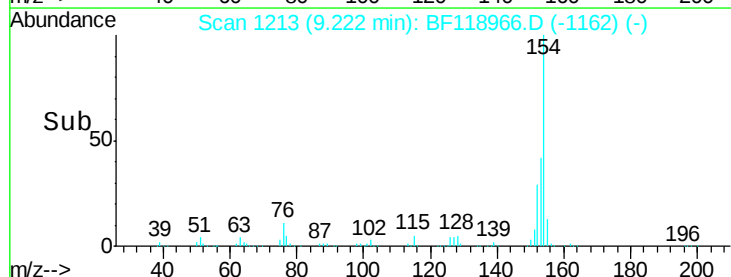
#46
 1,1'-Biphenyl
 Concen: 38.066 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

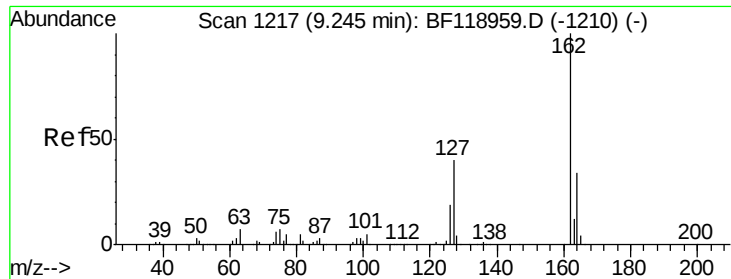
Tgt Ion:154 Resp: 1163492

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	10.9	0.0	31.1



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

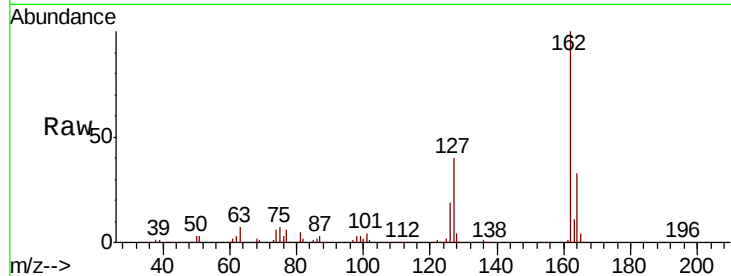




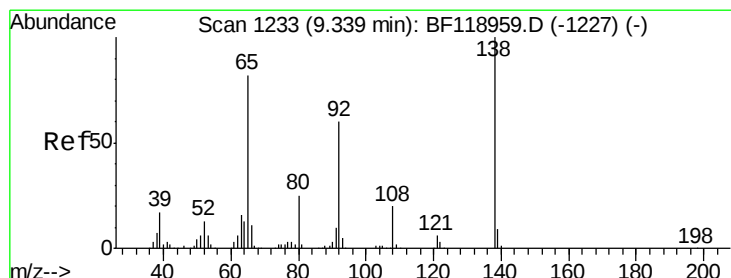
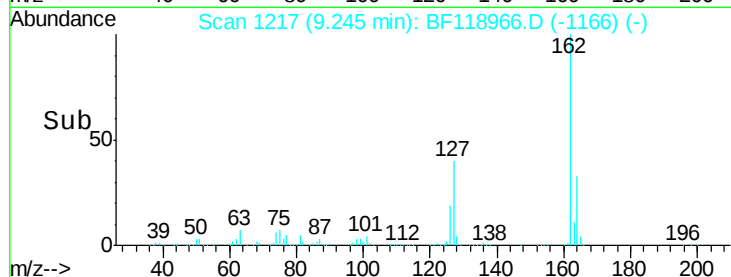
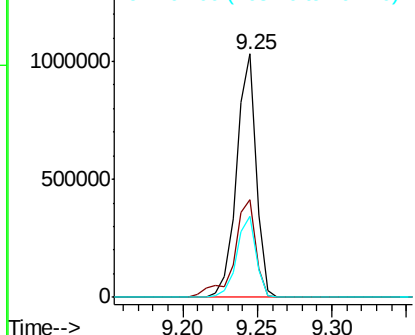
#47
 2-Chloronaphthalene
 Concen: 38.524 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.9	47.9
164	33.4	26.8	40.2

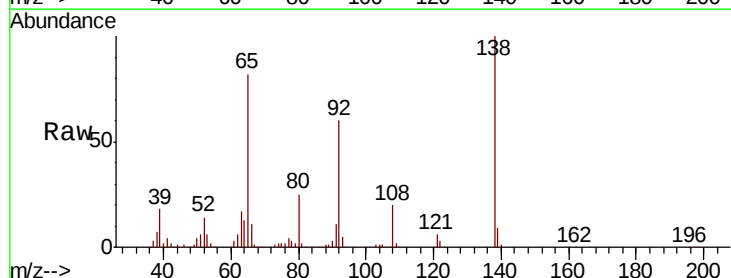


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

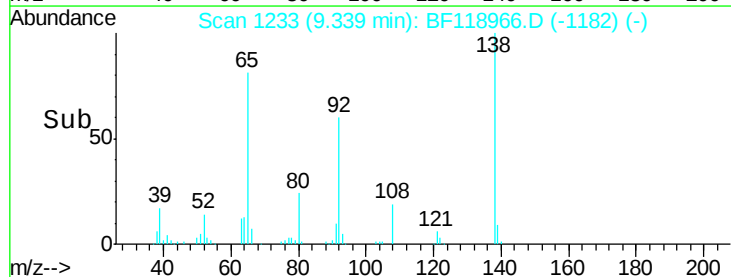
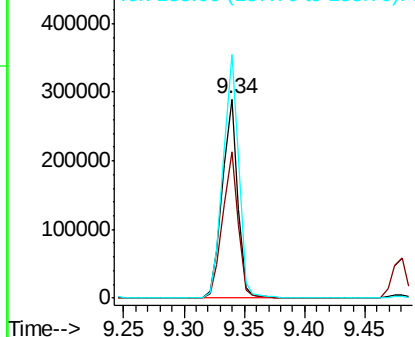


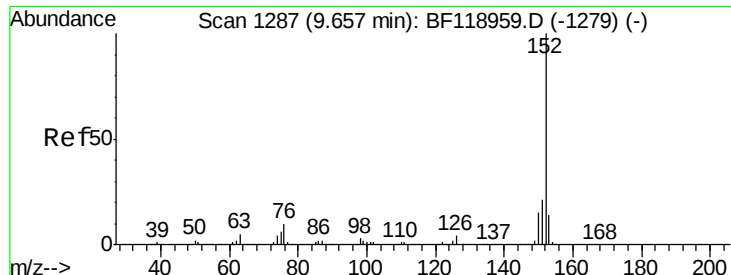
#48
 2-Nitroaniline
 Concen: 37.363 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.6	87.8
138	122.3	97.5	146.3



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: 38.117 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

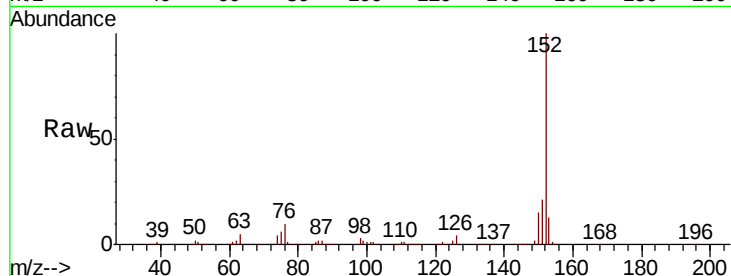
Tot Ion:152 Resp: 1355972

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

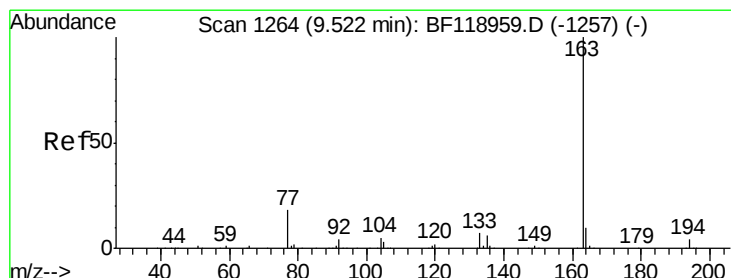
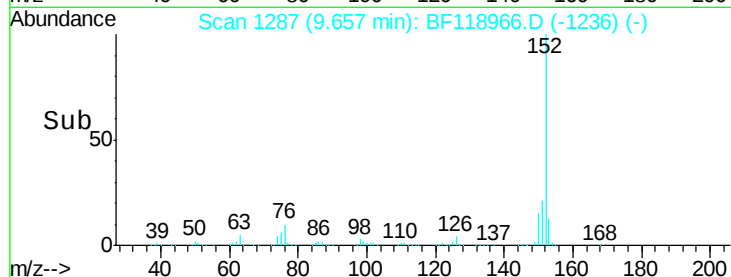
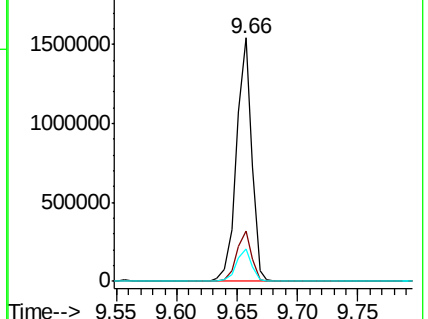
153 13.4 10.9 16.3



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: 37.033 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

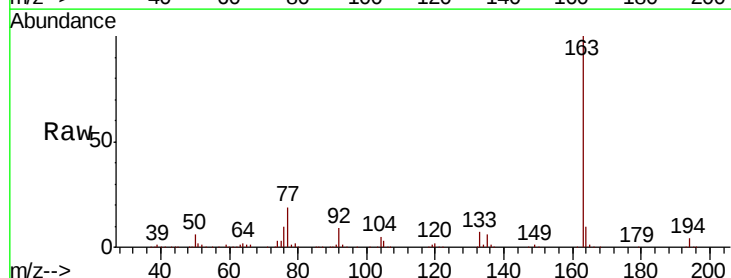
Tgt Ion:163 Resp: 1070964

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

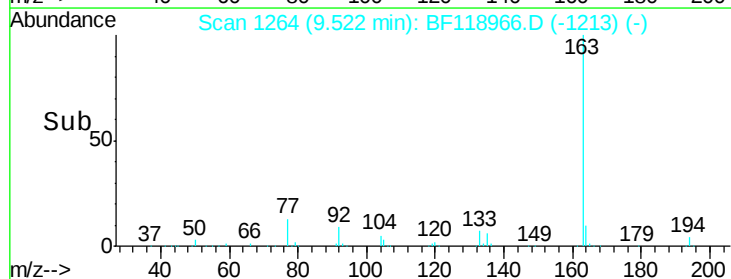
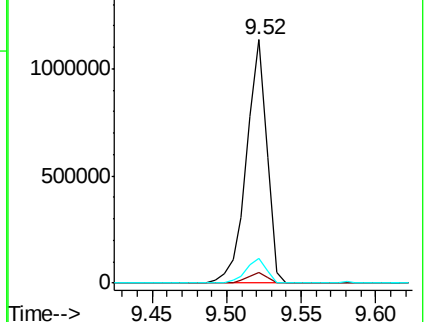
164 10.4 8.2 12.2

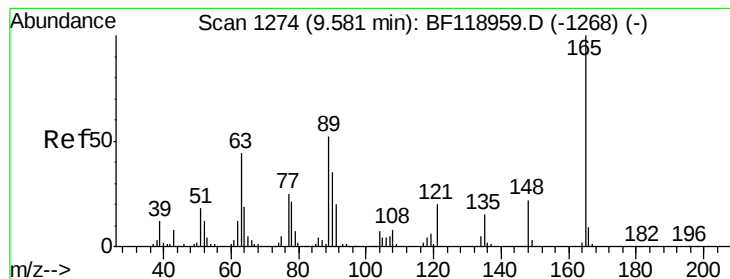


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.737 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampled :

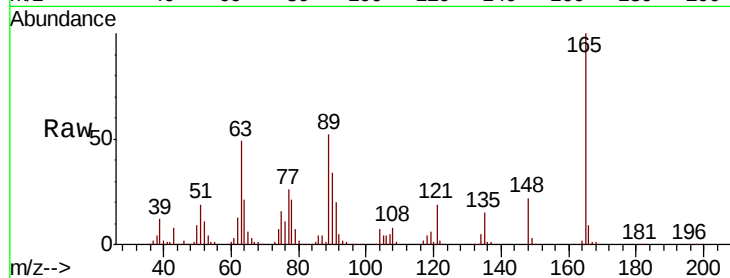
Tot Ion:165 Resp: 242462

Ion Ratio Lower Upper

165 100

63 48.6 37.9 56.9

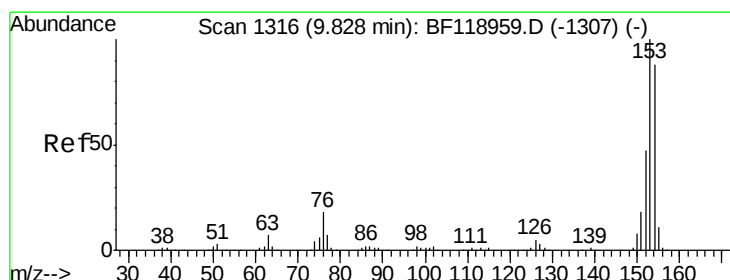
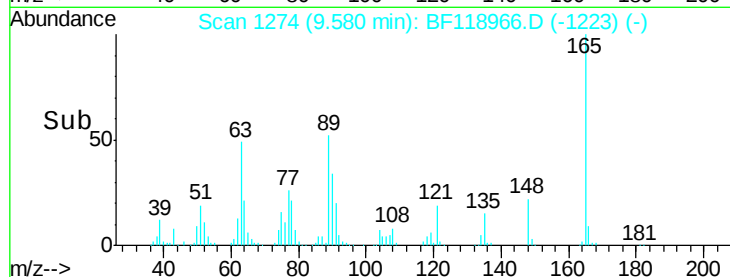
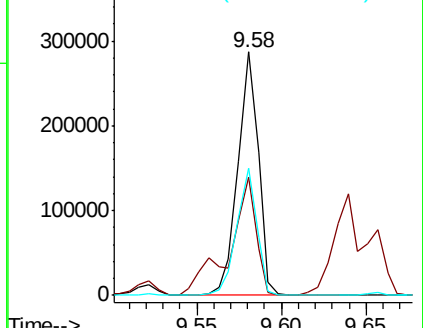
89 52.1 41.4 62.0



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: 38.145 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

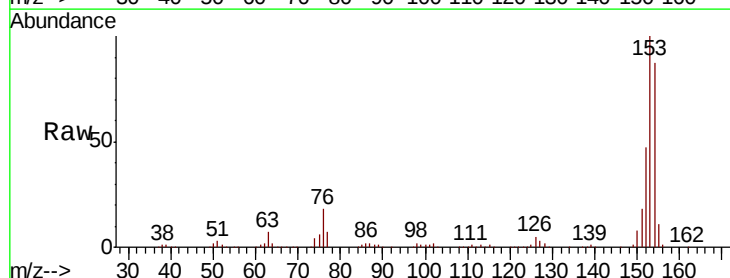
Tgt Ion:154 Resp: 818235

Ion Ratio Lower Upper

154 100

153 114.6 90.4 135.6

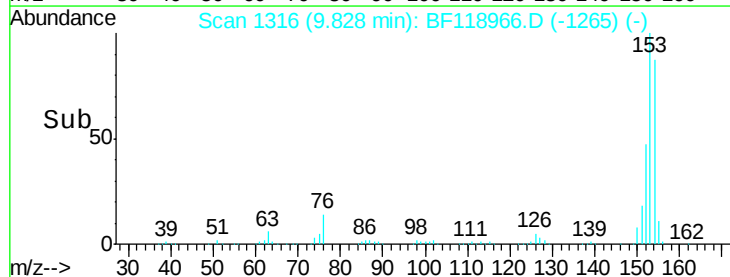
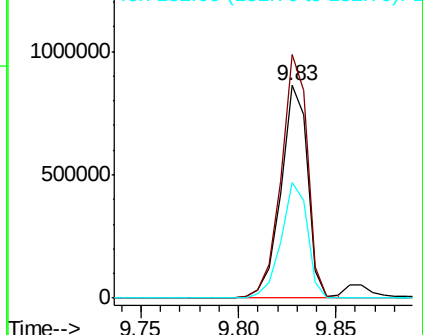
152 54.2 42.9 64.3

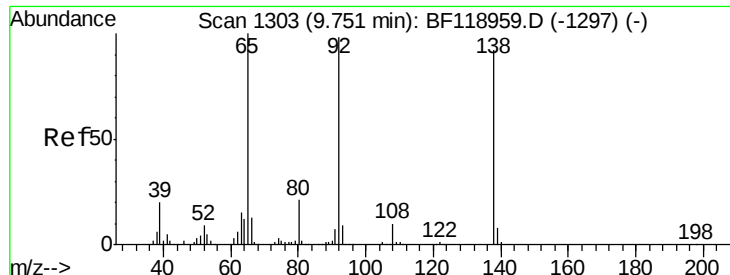


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

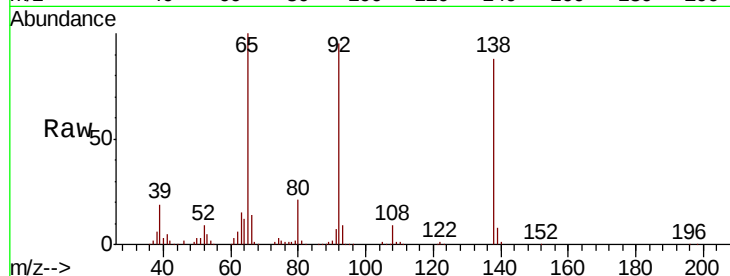




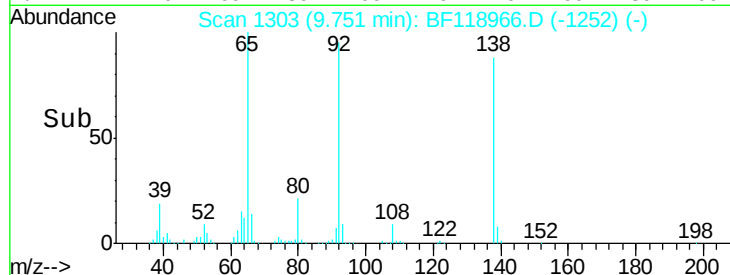
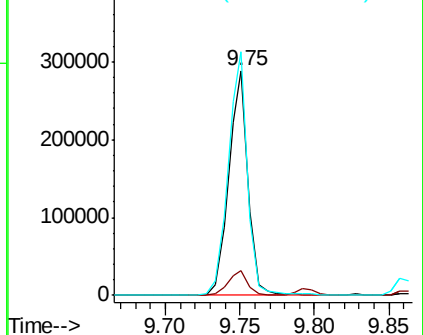
#53
3-Nitroaniline
Concen: 37.173 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 264779
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 108.2 84.6 127.0

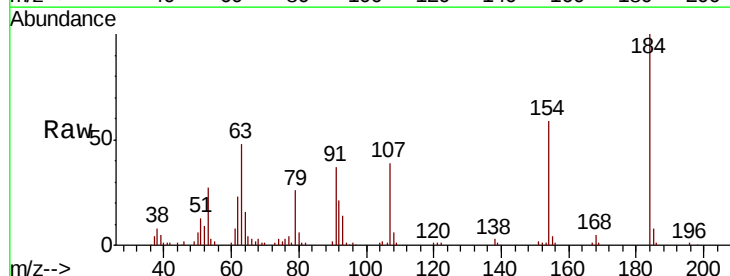


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

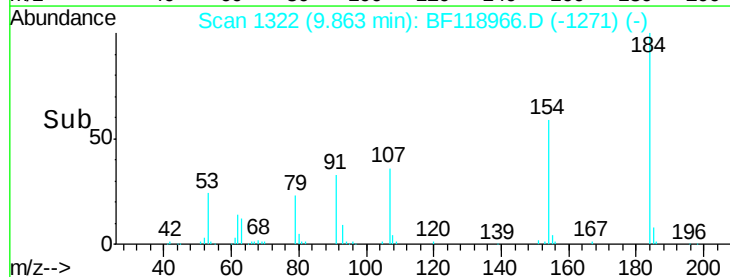
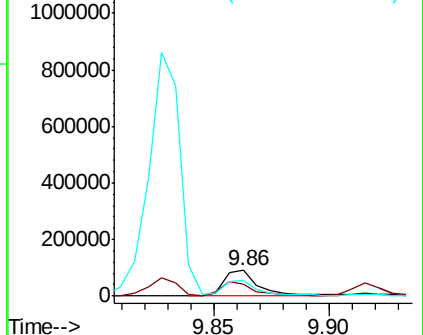


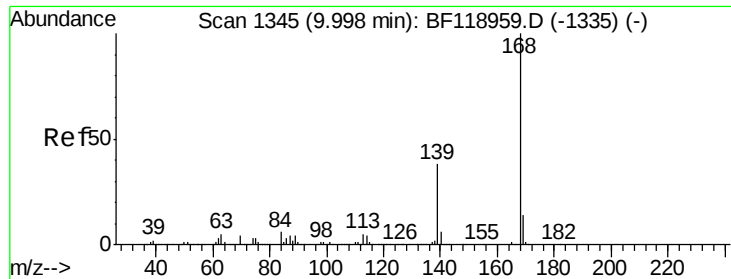
#54
2,4-Dinitrophenol
Concen: 35.887 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion:184 Resp: 97866
Ion Ratio Lower Upper
184 100
63 47.8 37.8 56.6
154 59.1 47.6 71.4



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

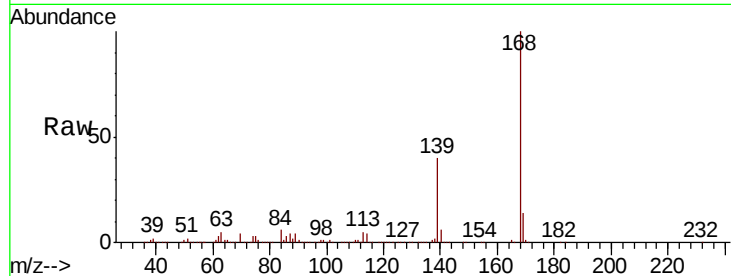




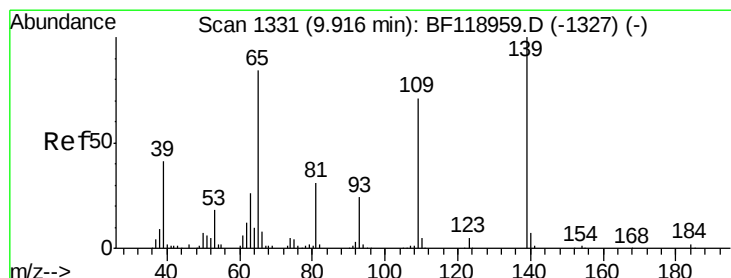
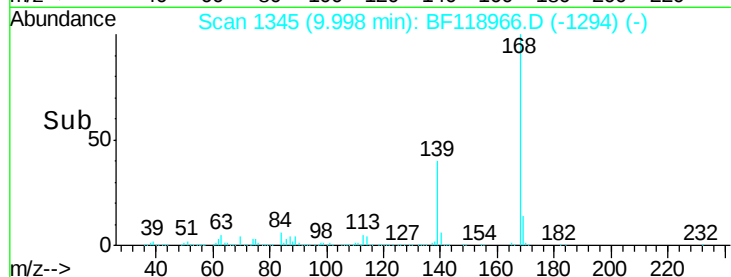
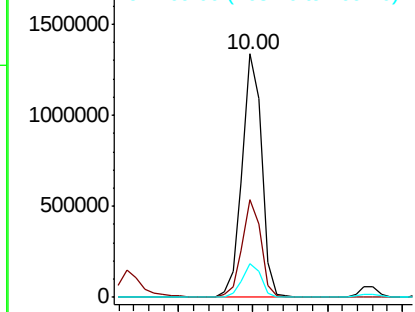
#55
Dibenzofuran
Concen: 38.117 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1220414
Ion Ratio Lower Upper
168 100
139 40.1 31.7 47.5
169 13.7 11.0 16.4

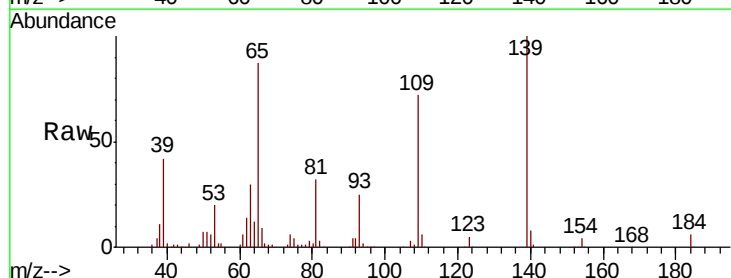


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

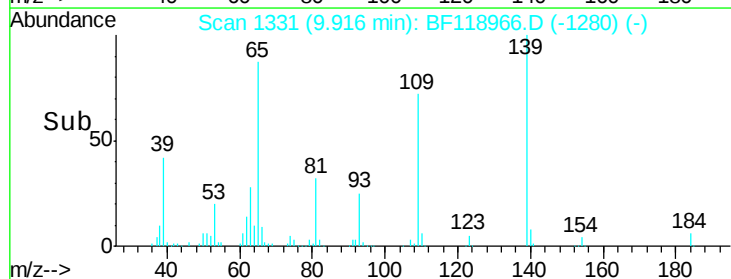
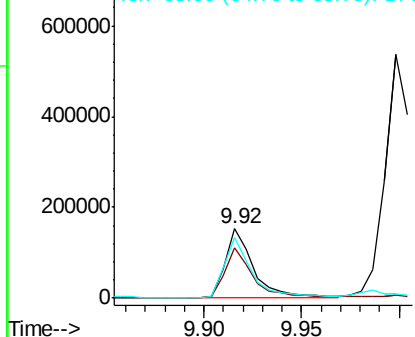


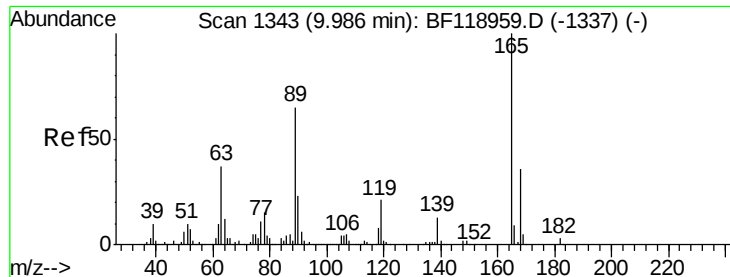
#56
4-Nitrophenol
Concen: 36.257 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion:139 Resp: 155166
Ion Ratio Lower Upper
139 100
109 71.8 51.1 91.1
65 87.3 64.7 104.7



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

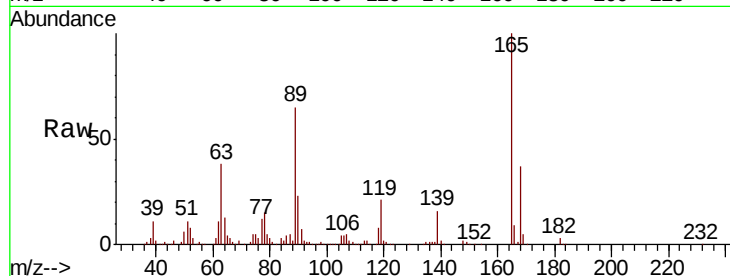




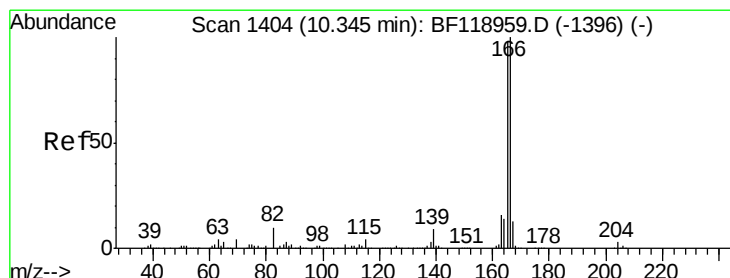
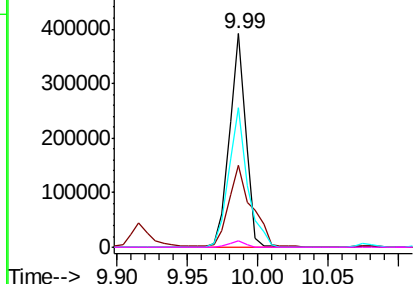
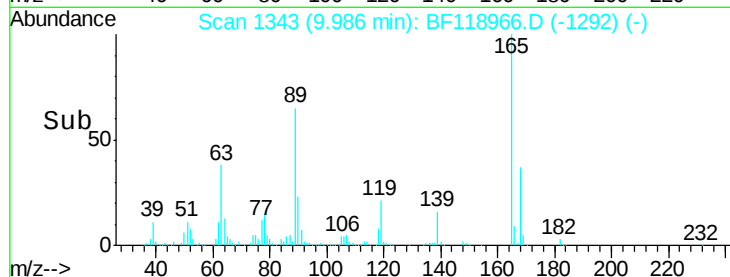
#57
2,4-Dinitrotoluene
Concen: 37.930 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 315882
Ion Ratio Lower Upper
165 100
63 38.4 29.8 44.8
89 65.0 51.9 77.9
182 3.0 2.3 3.5

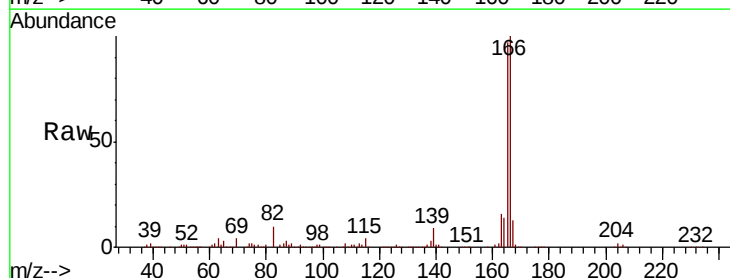


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

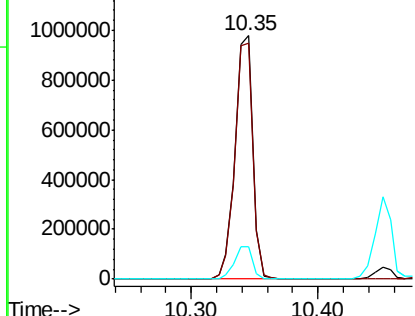
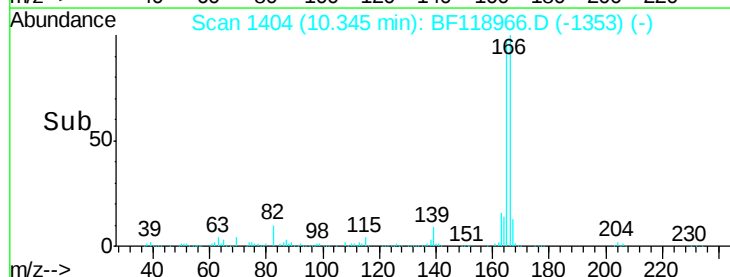


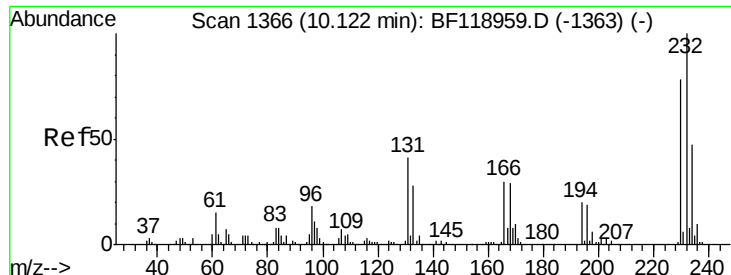
#58
Fluorene
Concen: 37.548 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion:166 Resp: 934165
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.2 10.6 16.0



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

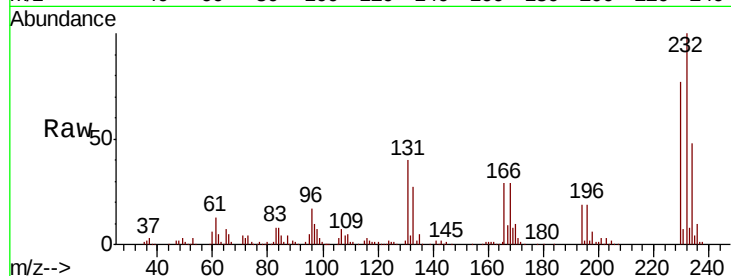




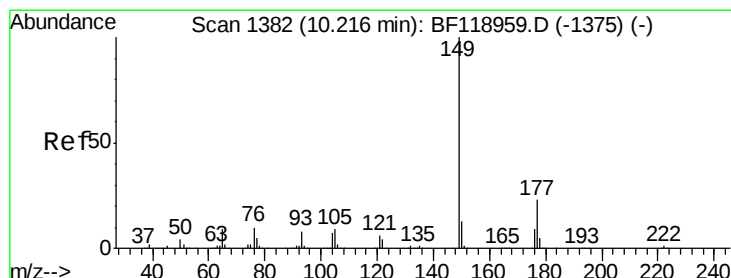
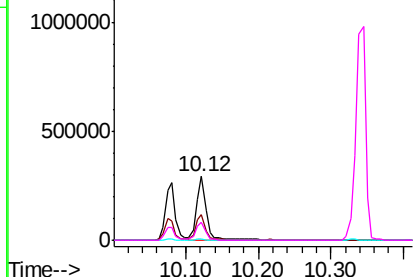
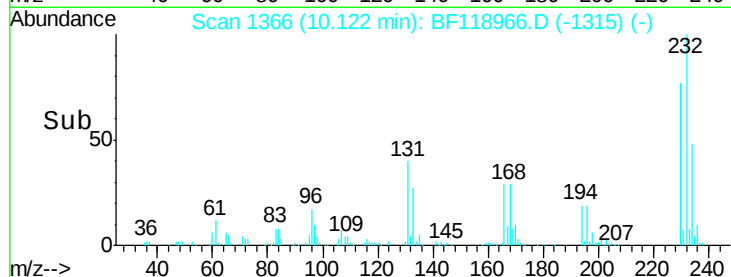
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.276 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	272892
Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.0	51.0
130	2.1	1.6	2.4
166	28.8	23.6	35.4

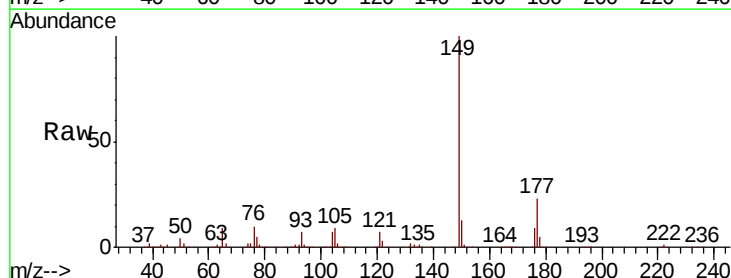


Abundance Ion 232.00 (231.70 to 232.70): E
 1500000 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

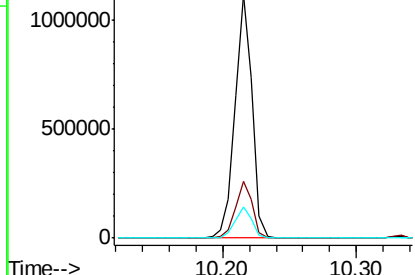
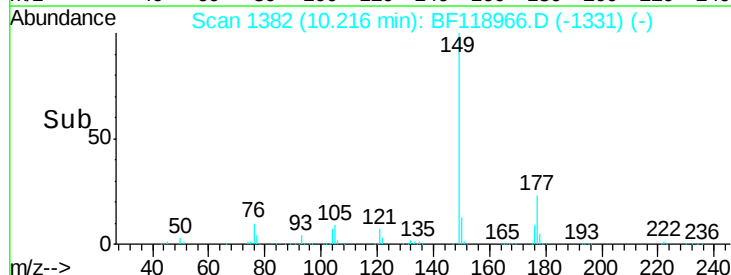


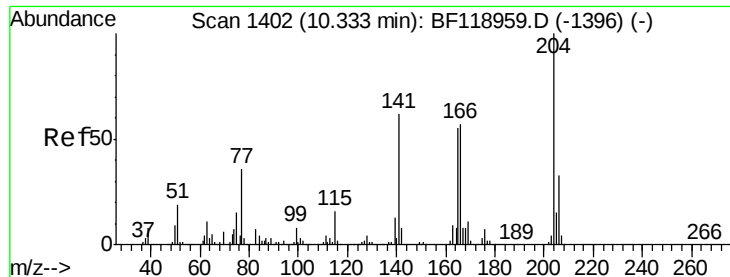
#60
 Diethylphthalate
 Concen: 36.844 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Tgt Ion:	149	Resp:	1004110
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	12.9	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

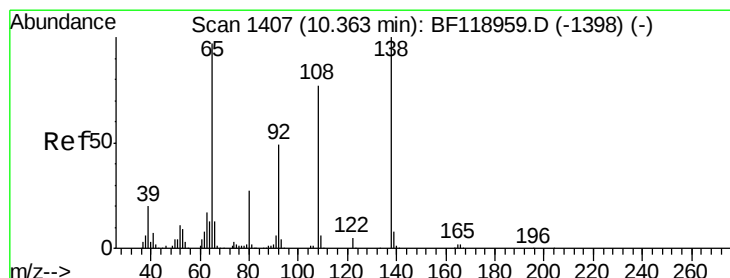
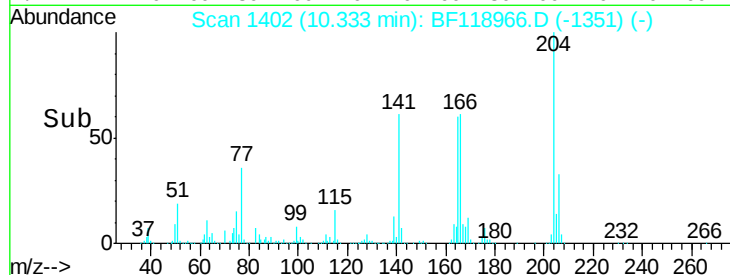
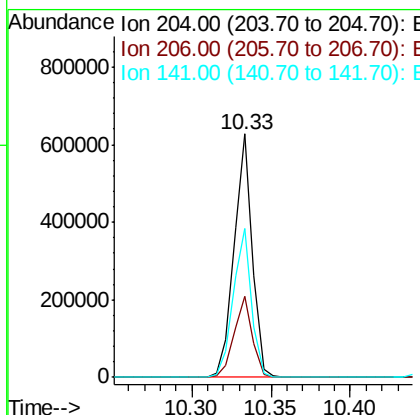
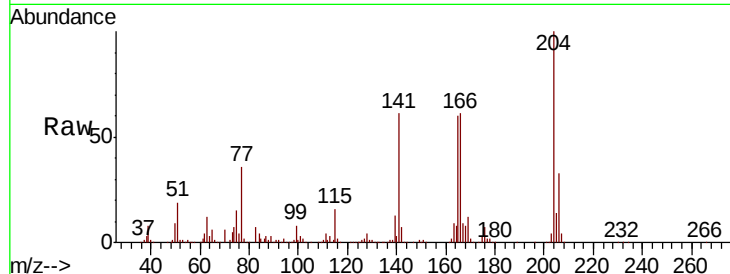




#61
4-Chlorophenyl-phenylether
Concen: 37.866 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

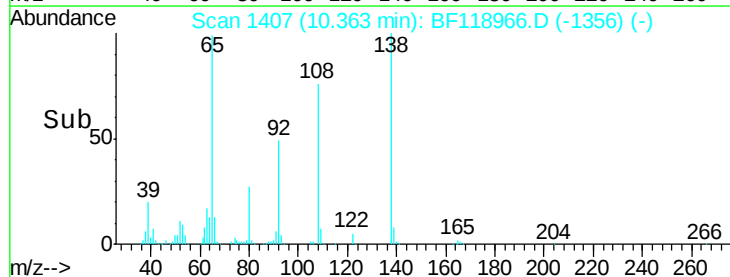
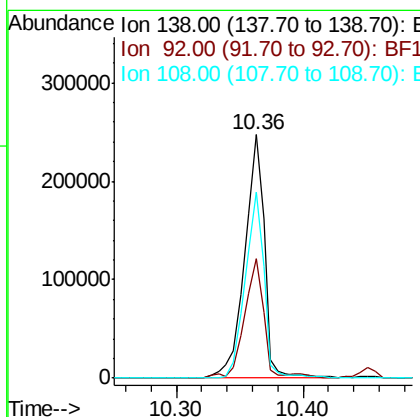
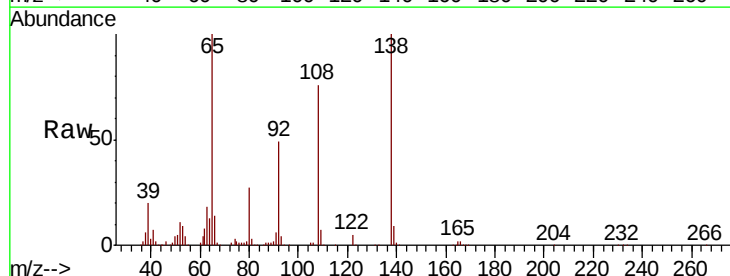
Instrument :
BNA_F
ClientSampleId :

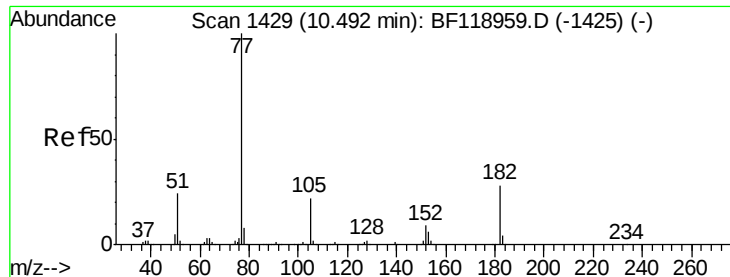
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.0	49.5	74.3



#62
4-Nitroaniline
Concen: 36.703 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.7	68.7
108	76.4	56.8	96.8





#63

Azobenzene

Concen: 37.352 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

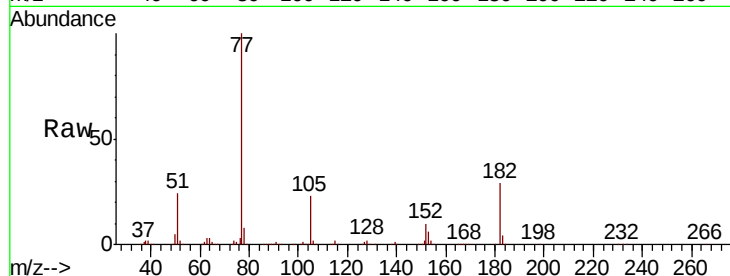
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 884817

Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.2	48.2
105	22.7	2.3	42.3
51	24.0	3.6	43.6

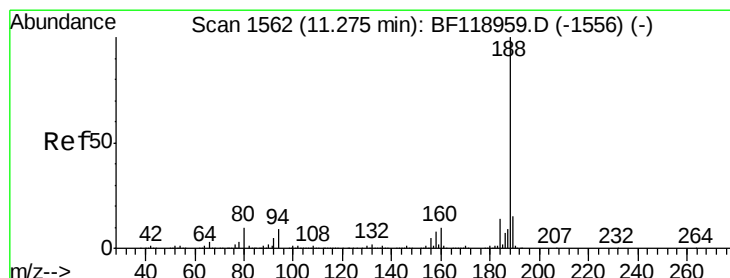
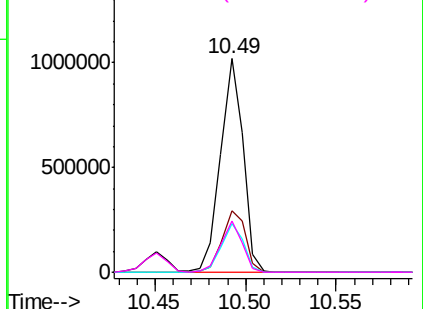
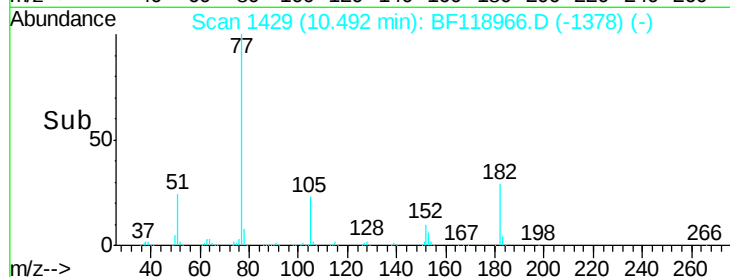


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.27 min Scan# 1562

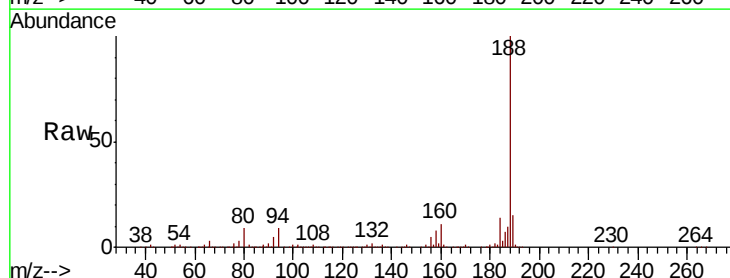
Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Tgt Ion: 188 Resp: 669673

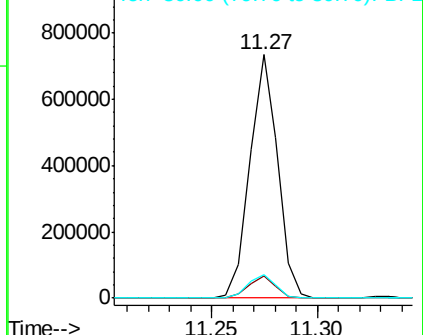
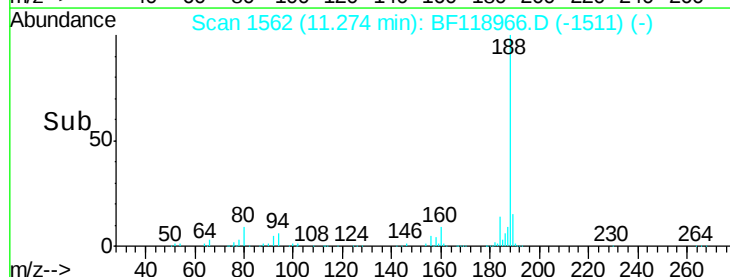
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.5	7.9	11.9

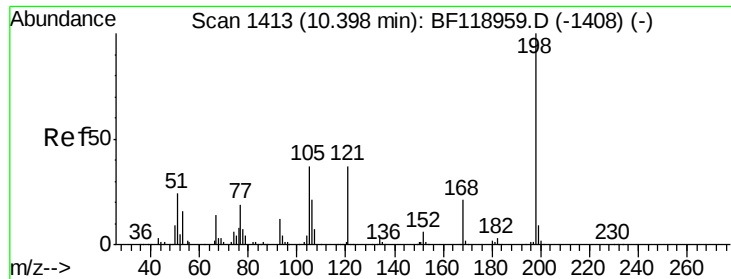


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 38.161 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

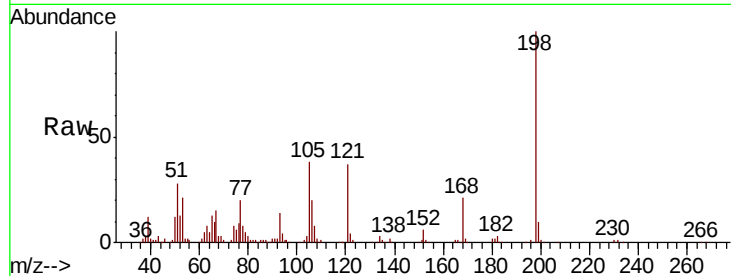
Tot Ion:198 Resp: 154640

Ion Ratio Lower Upper

198 100

51 27.6 7.1 47.1

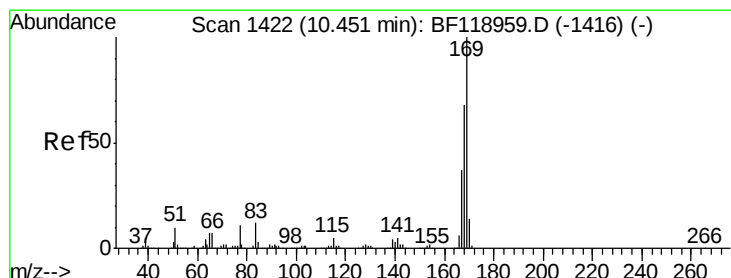
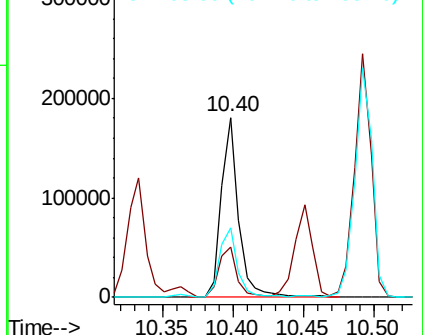
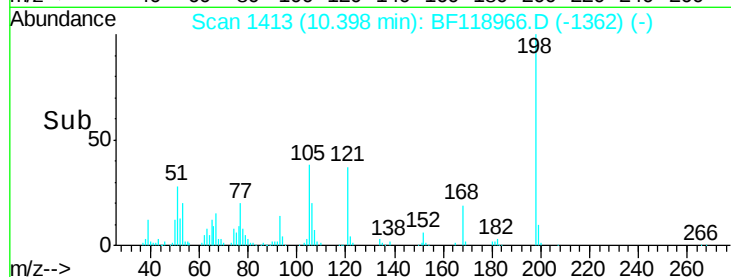
105 38.3 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.916 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

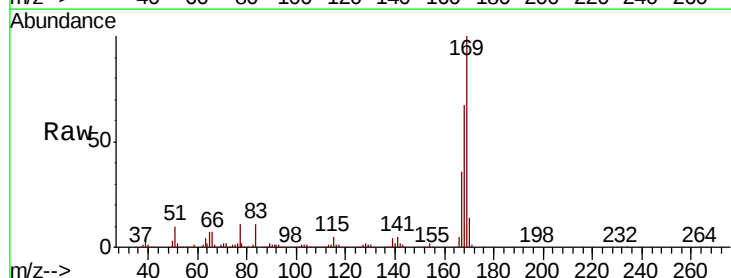
Tgt Ion:169 Resp: 853334

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

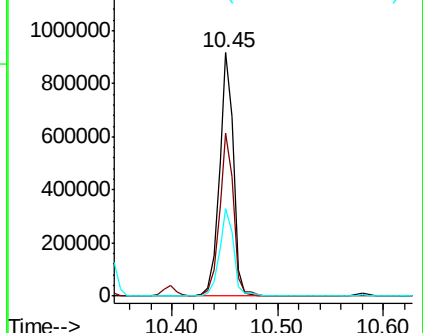
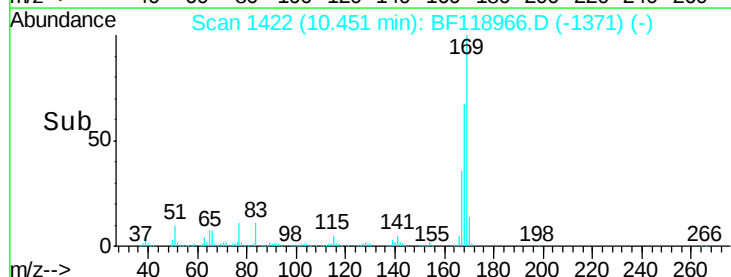
167 36.1 29.4 44.2

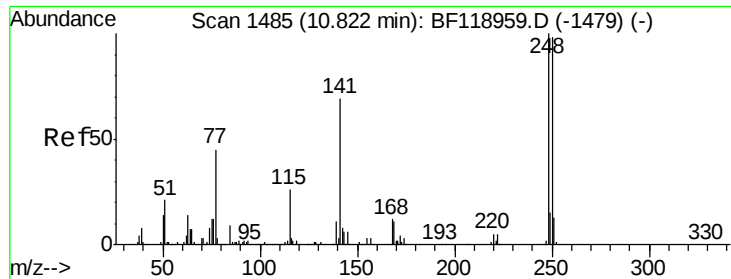


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

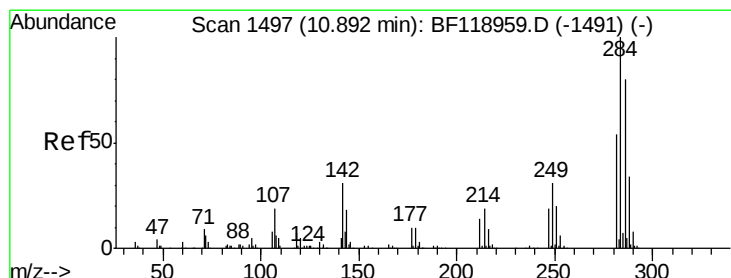
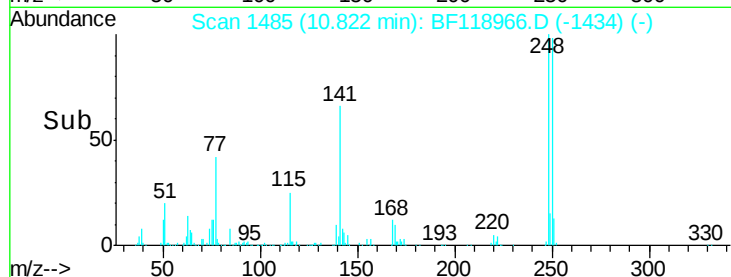
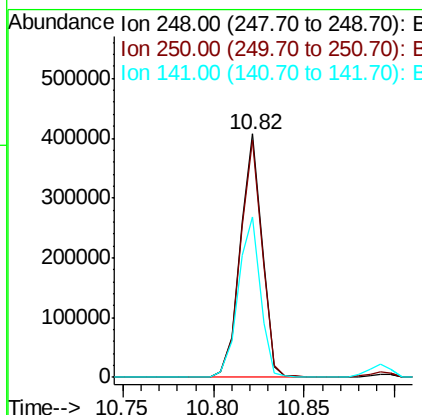
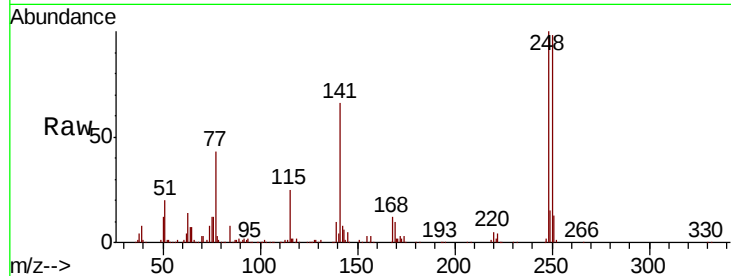




#67
4-Bromophenyl-phenylether
Concen: 38.689 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

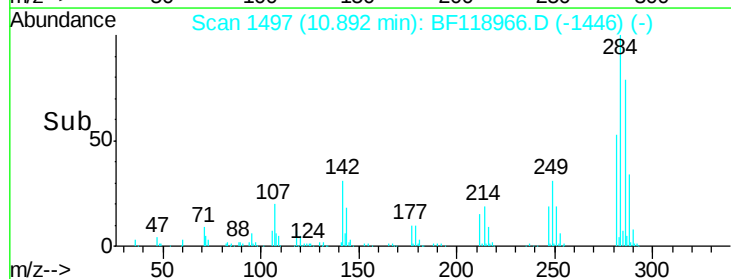
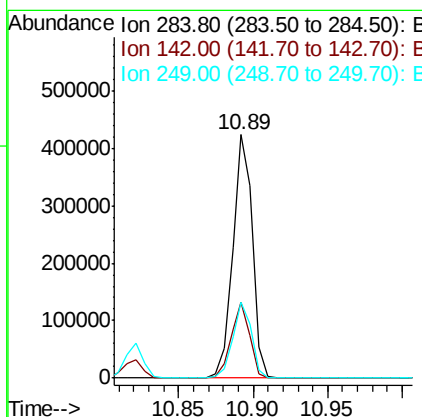
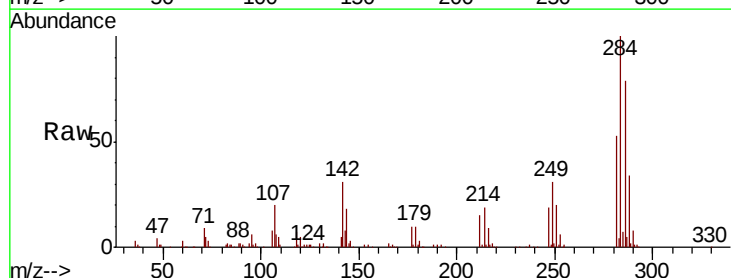
Instrument :
BNA_F
ClientSampleId :

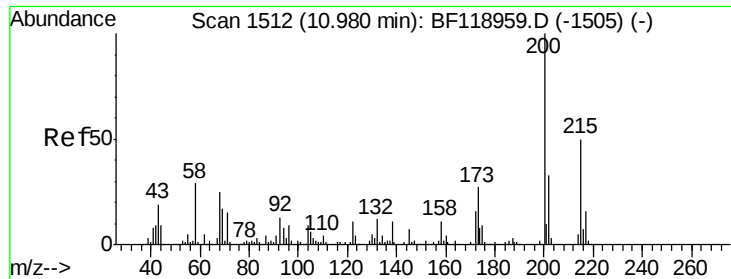
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.8	118.2
141	65.7	55.3	82.9



#68
Hexachlorobenzene
Concen: 38.731 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.0	37.6
249	31.3	25.0	37.4

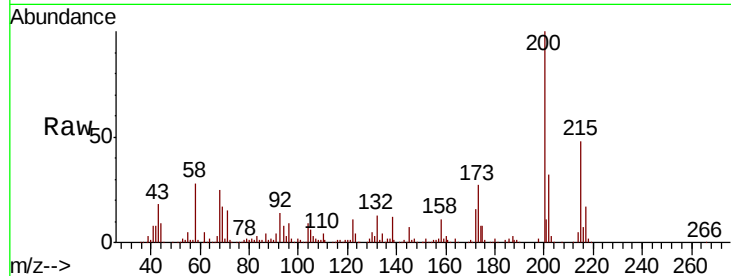




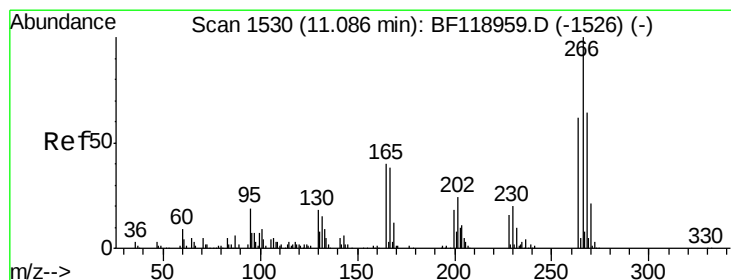
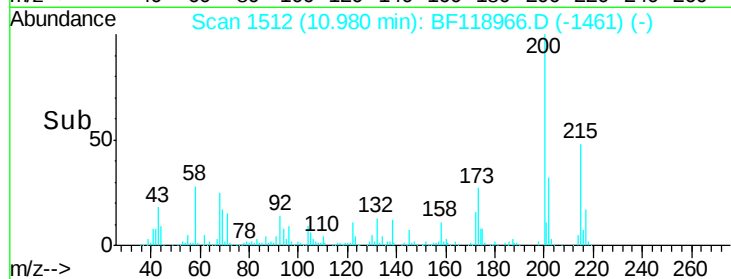
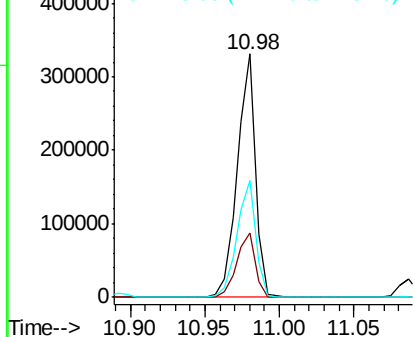
#69
Atrazine
Concen: 36.984 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	48.2	29.7	69.7

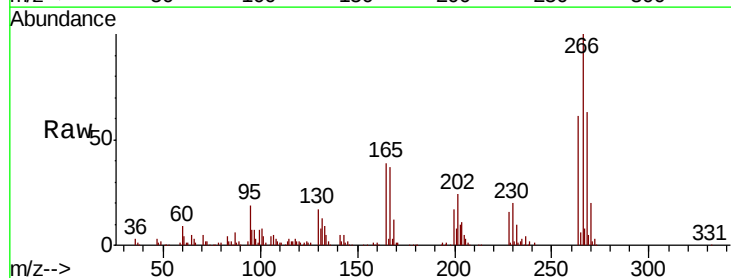


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

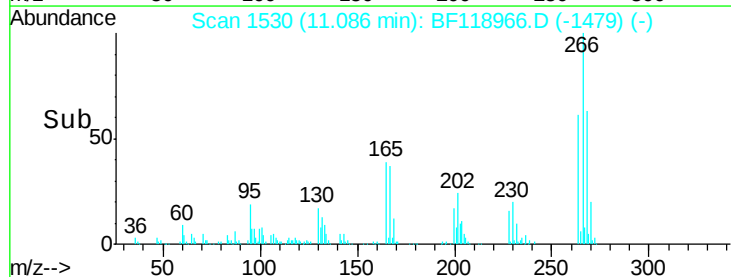
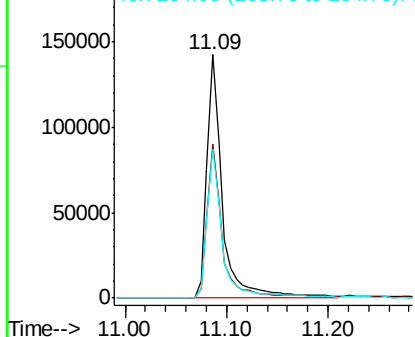


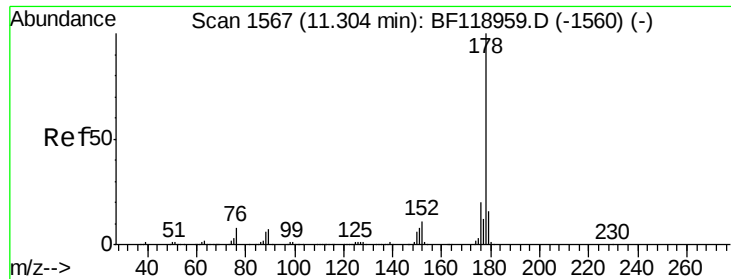
#70
Pentachlorophenol
Concen: 37.596 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.4	77.0
264	61.3	49.5	74.3



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: 38.289 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

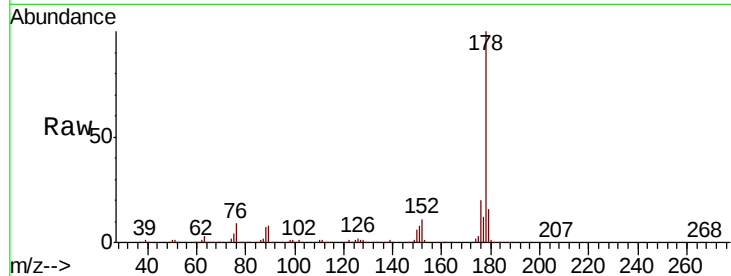
Tot Ion:178 Resp: 1398340

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

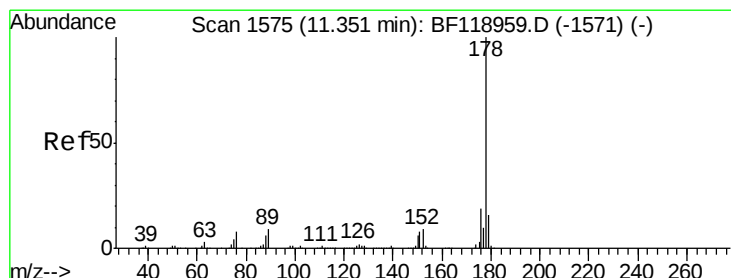
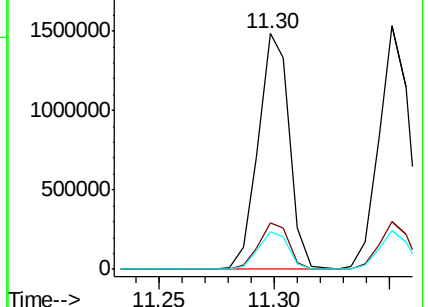
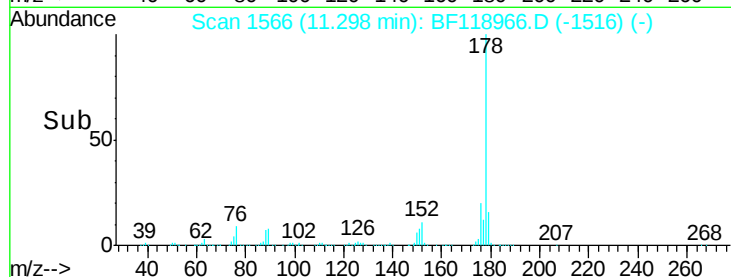
179 15.8 12.6 18.8



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: 37.957 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

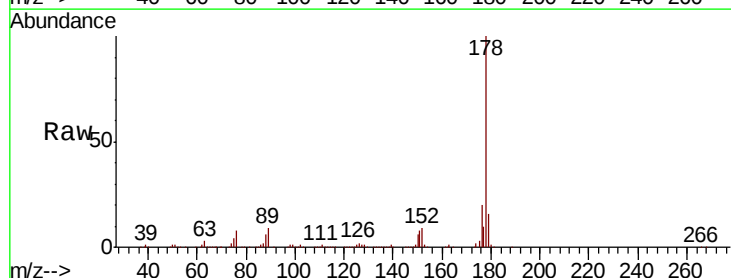
Tgt Ion:178 Resp: 1385062

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

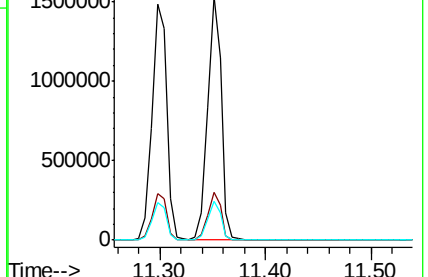
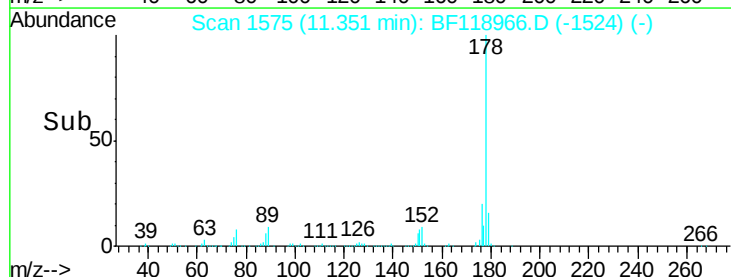
179 15.7 12.8 19.2

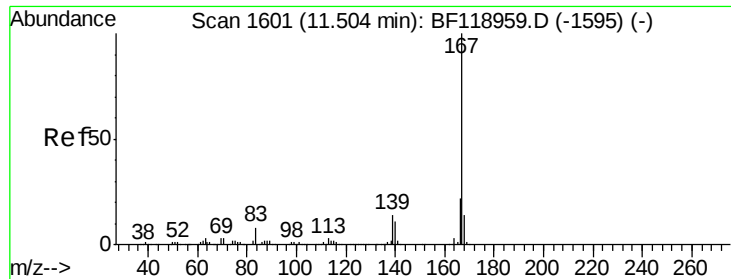


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

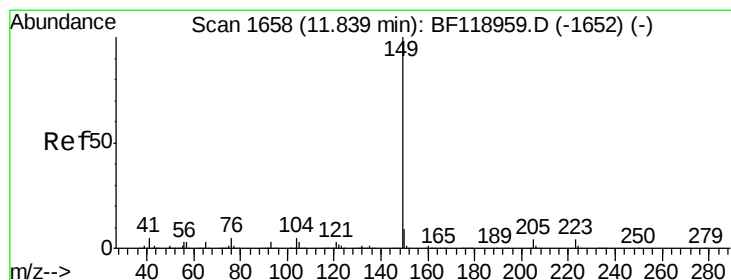
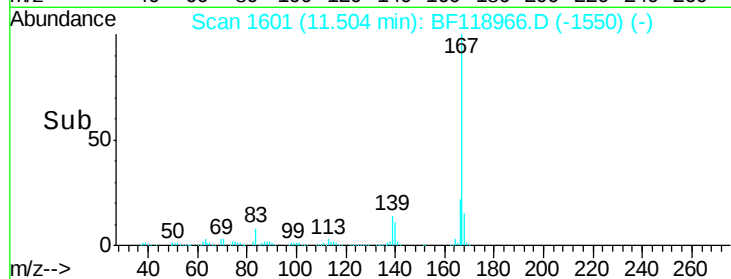
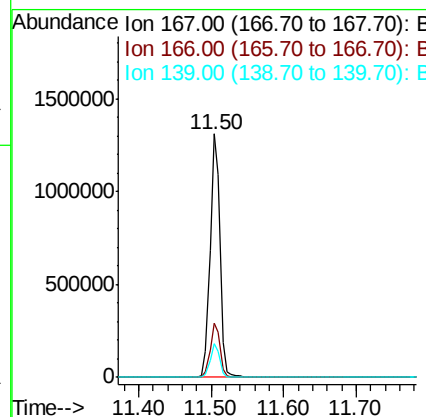
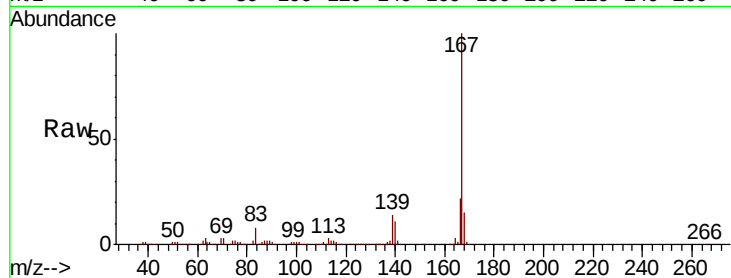




#73
 Carbazole
 Concen: 38.217 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

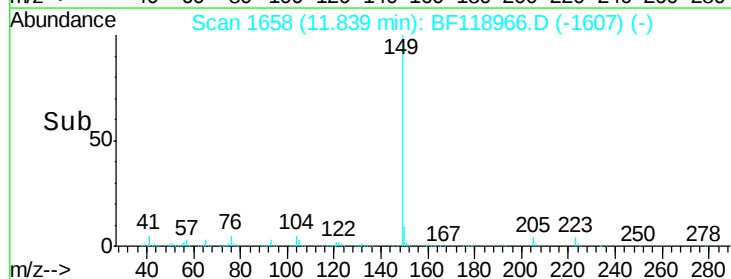
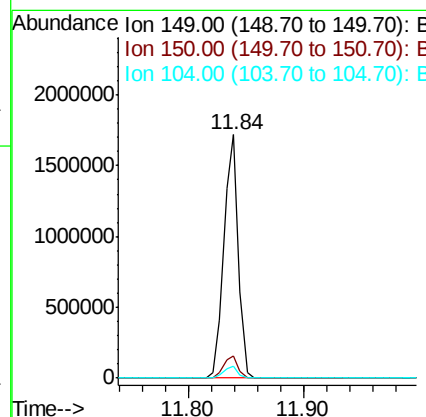
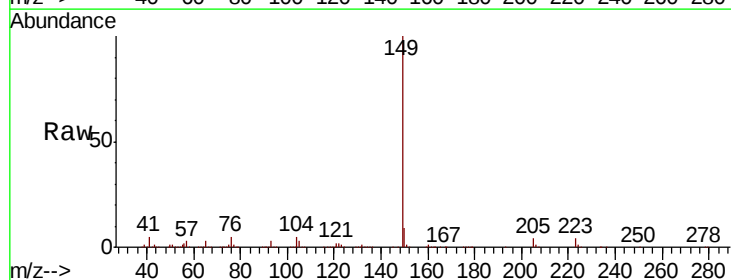
Instrument :
 BNA_F
 ClientSampleId :

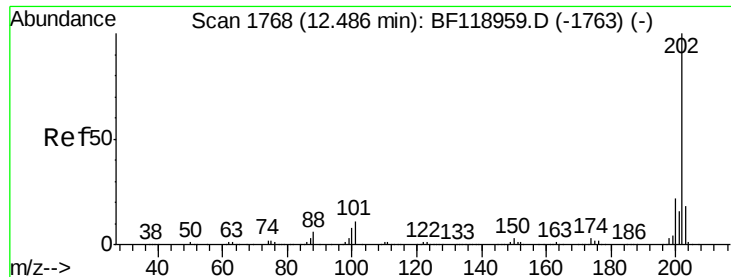
Tot Ion:167 Resp: 1242384
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.7 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 37.412 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Tgt Ion:149 Resp: 1472829
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.0 6.0

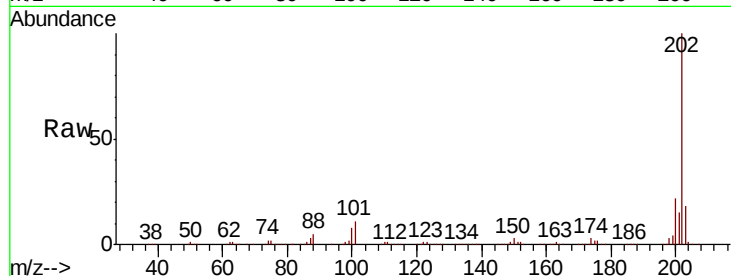




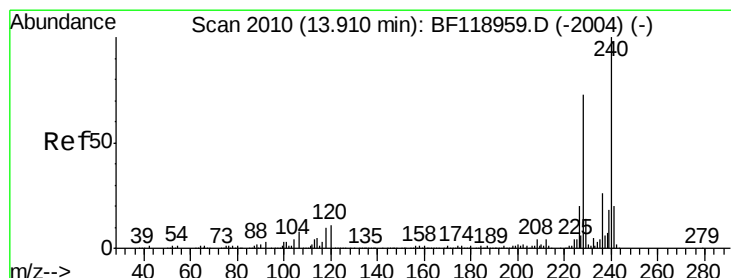
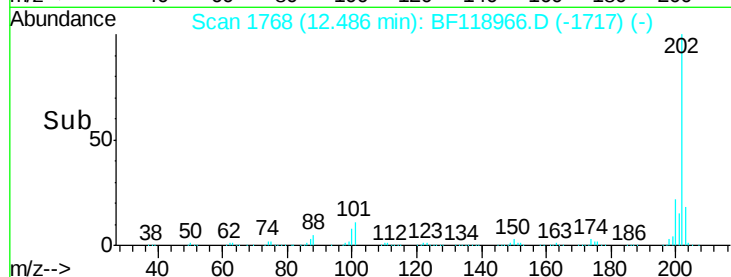
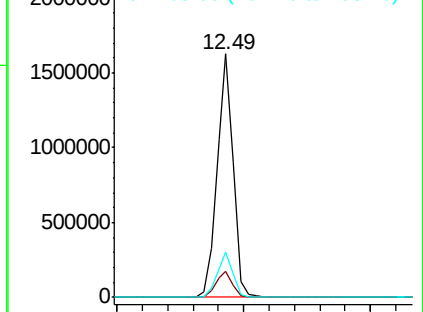
#75
 Fluoranthene
 Concen: 37.386 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1449305
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.1
 203 18.4 0.0 38.1

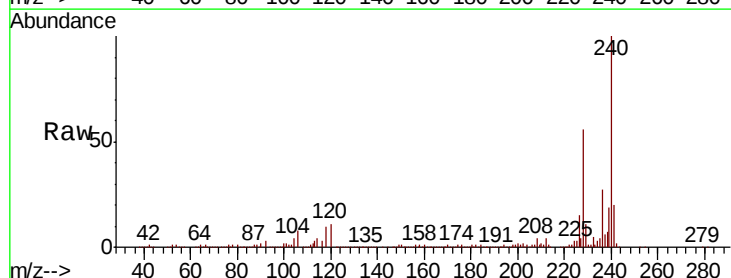


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

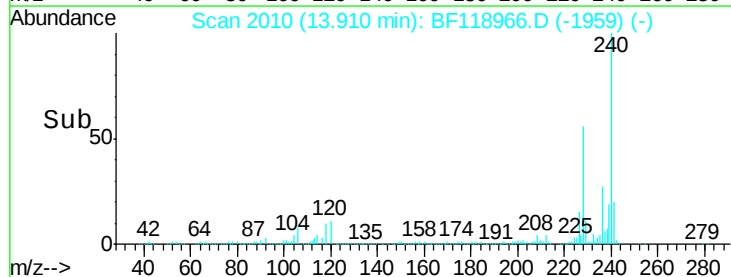
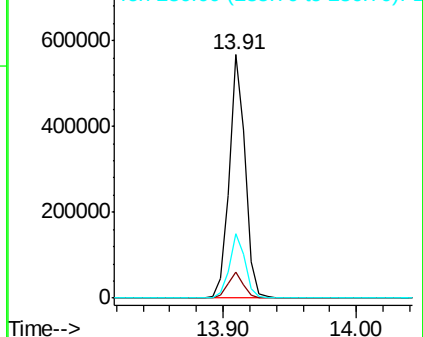


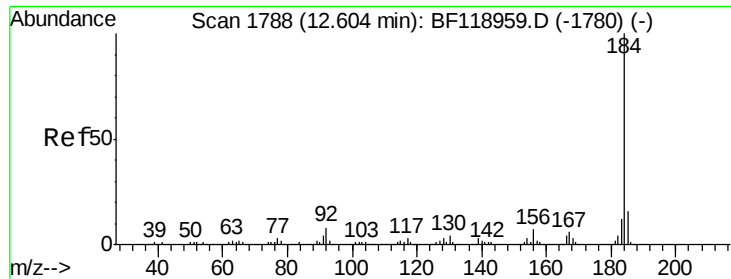
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF118966.D
 Acq: 20 Feb 2020 18:39

Tgt Ion:240 Resp: 477143
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.9 13.3
 236 26.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

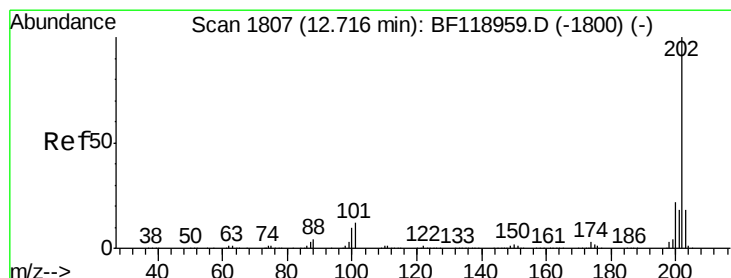
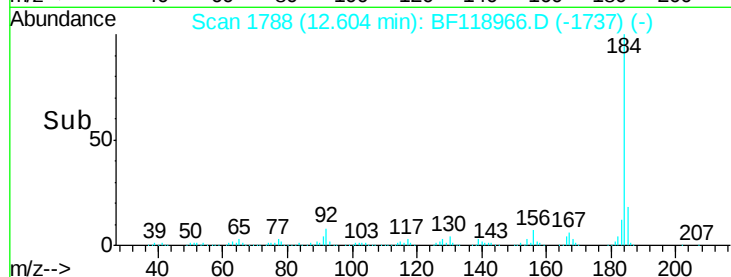
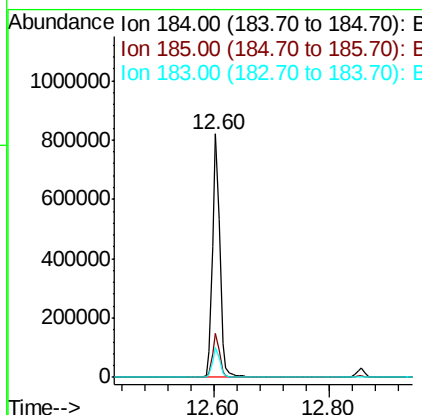
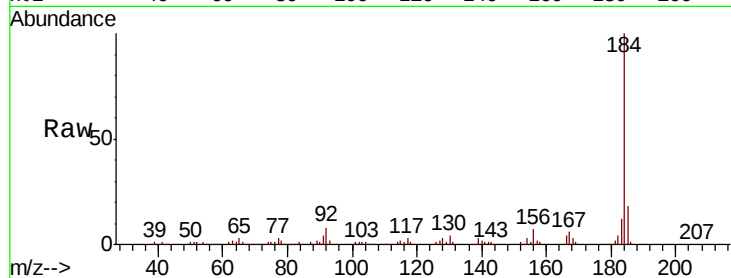




#77
Benzidine
Concen: 38.358 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

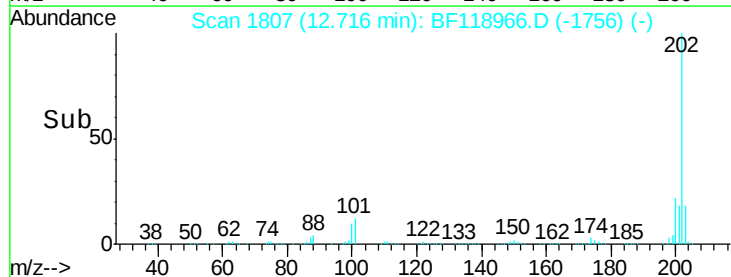
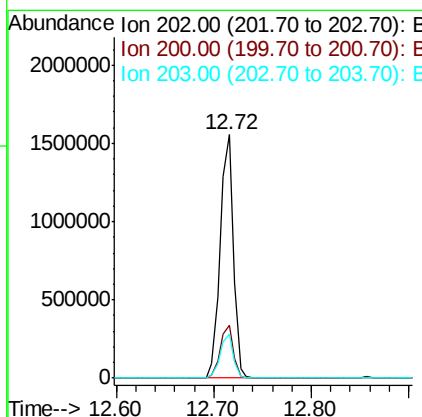
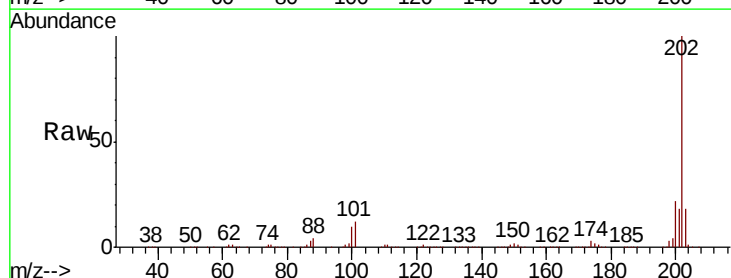
Instrument :
BNA_F
ClientSampled :

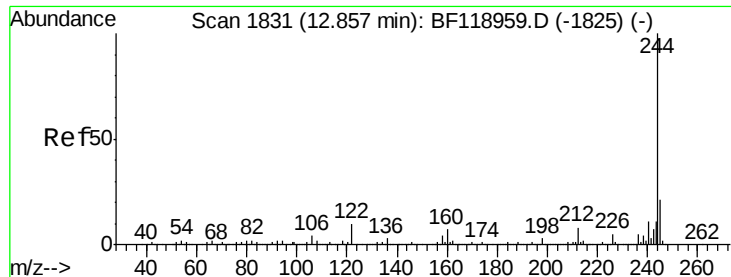
Tot Ion:184 Resp: 744337
Ion Ratio Lower Upper
184 100
185 17.9 12.6 19.0
183 12.4 9.9 14.9



#78
Pyrene
Concen: 38.295 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion:202 Resp: 1467254
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.0
203 18.0 14.5 21.7





#79

Terphenyl-d14

Concen: 76.358 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

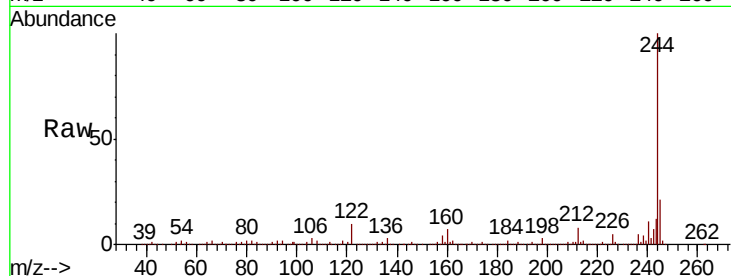
Tot Ion:244 Resp: 2116181

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

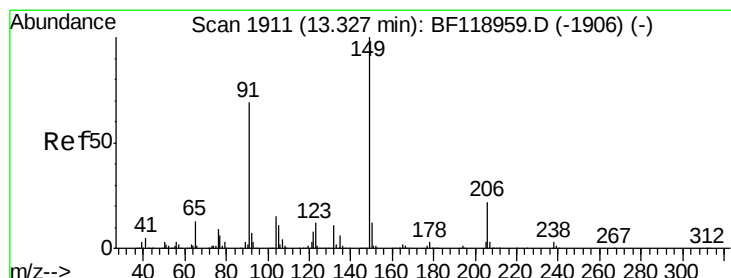
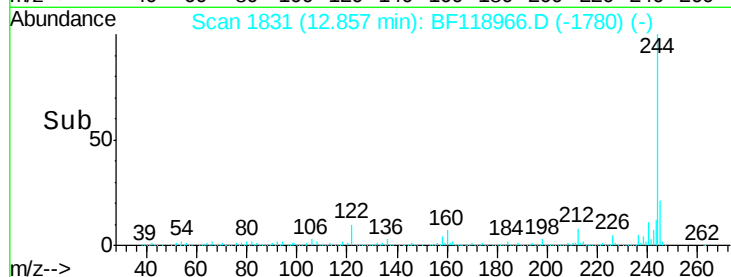
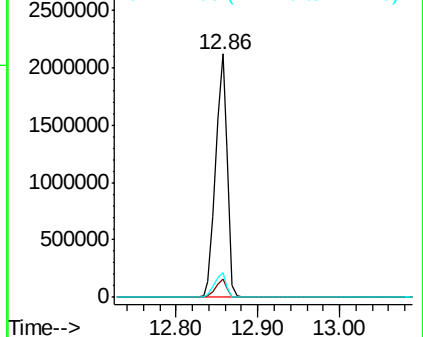
122 10.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.063 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

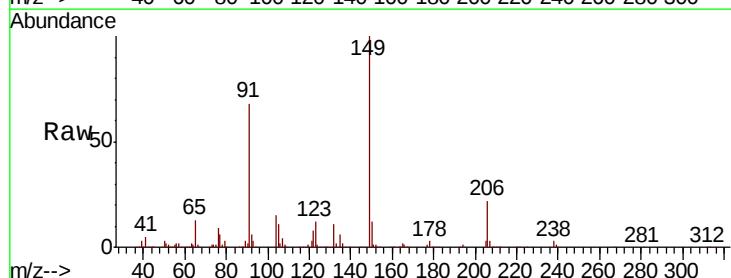
Tgt Ion:149 Resp: 597652

Ion Ratio Lower Upper

149 100

91 68.3 55.4 83.2

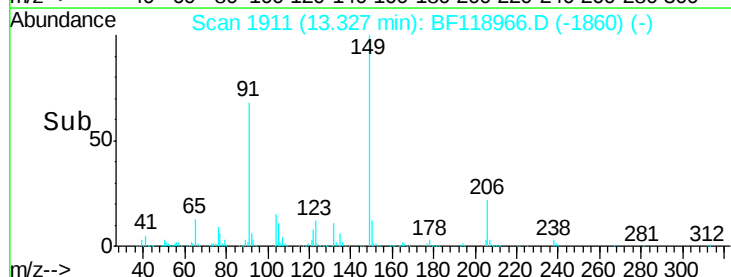
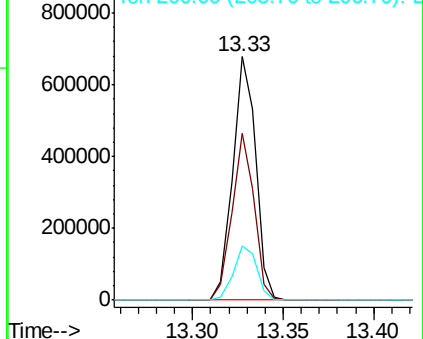
206 22.3 17.7 26.5

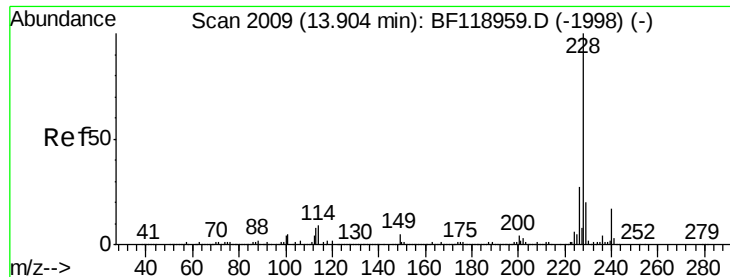


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.608 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

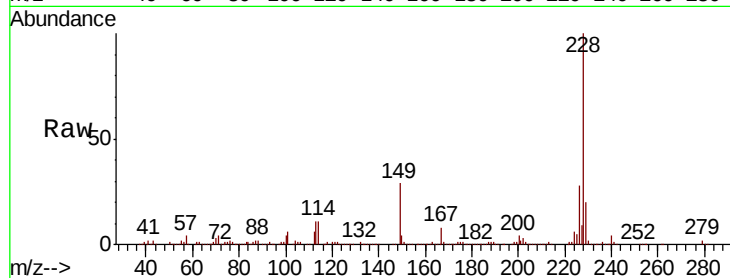
Tot Ion:228 Resp: 1222657

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

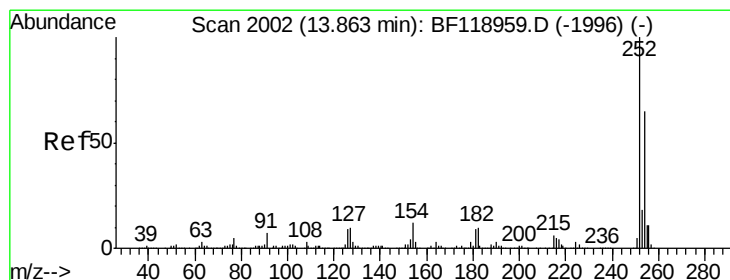
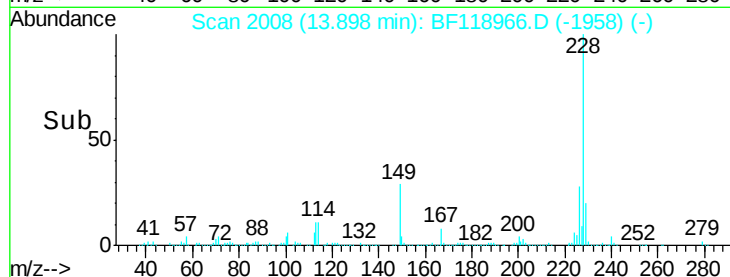
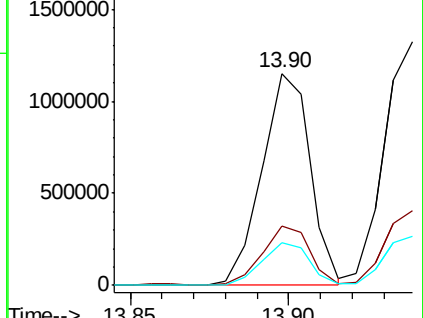
229 20.3 16.0 24.0



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: 37.454 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

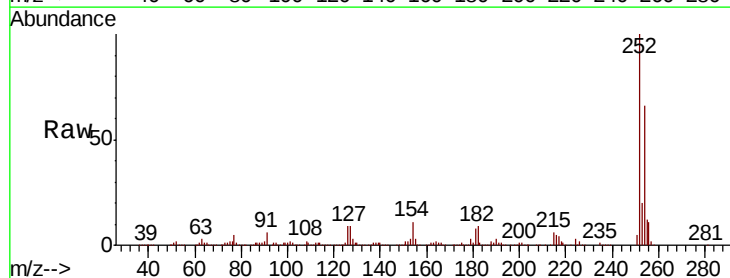
Tgt Ion:252 Resp: 472820

Ion Ratio Lower Upper

252 100

254 66.1 52.1 78.1

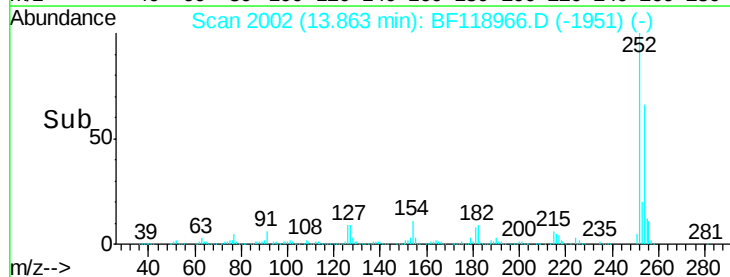
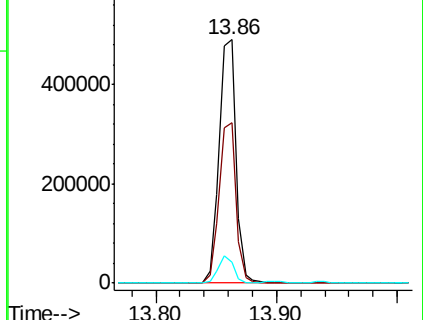
126 8.7 7.3 10.9

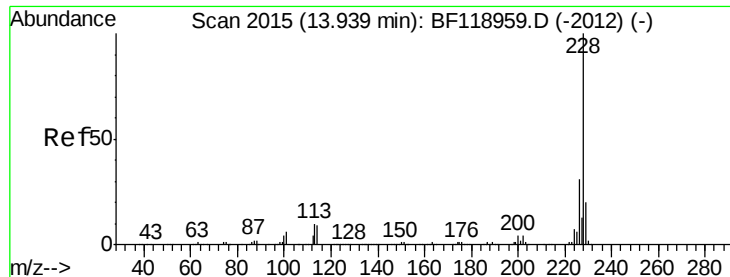


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.584 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

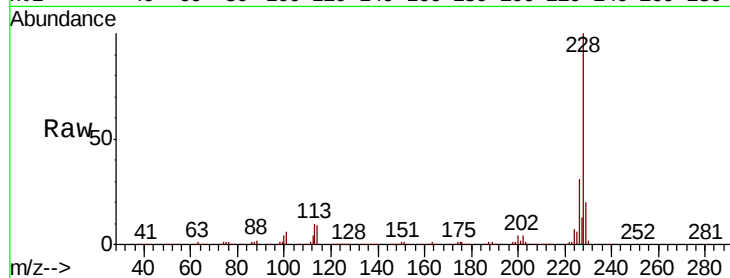
Tot Ion:228 Resp: 1217516

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

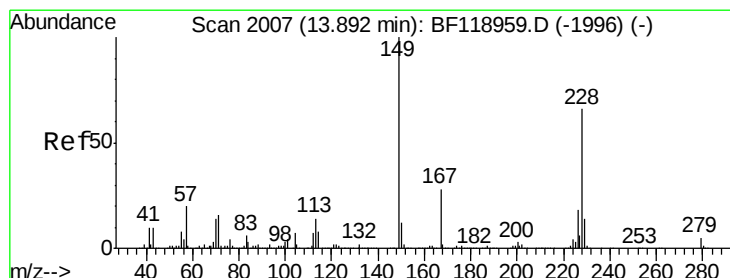
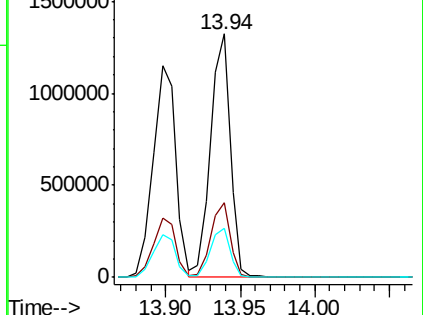
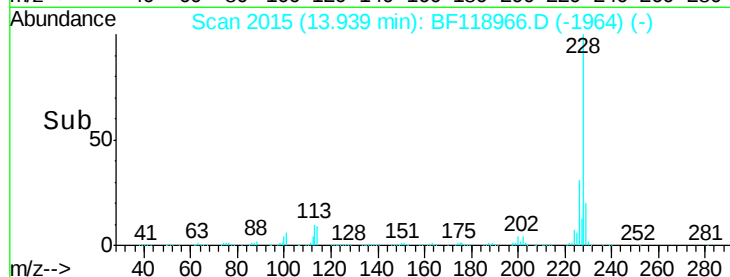
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.796 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

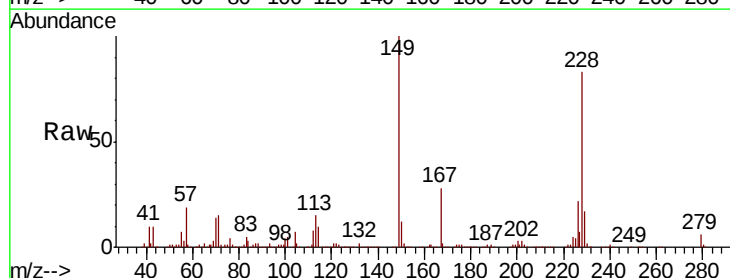
Tgt Ion:149 Resp: 749606

Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

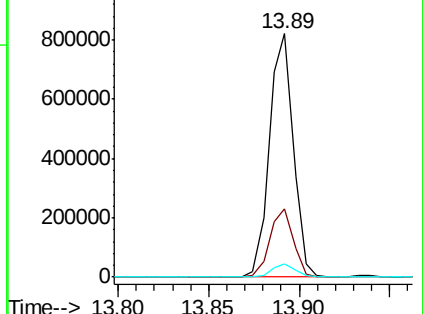
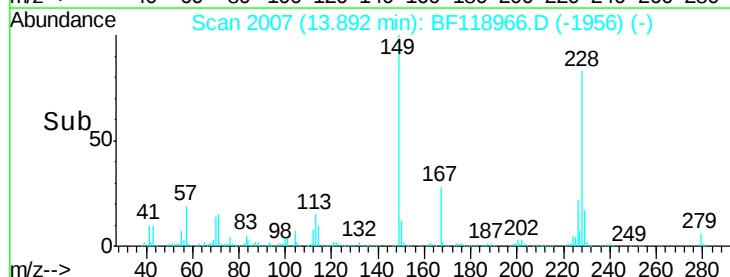
279 5.6 4.2 6.4

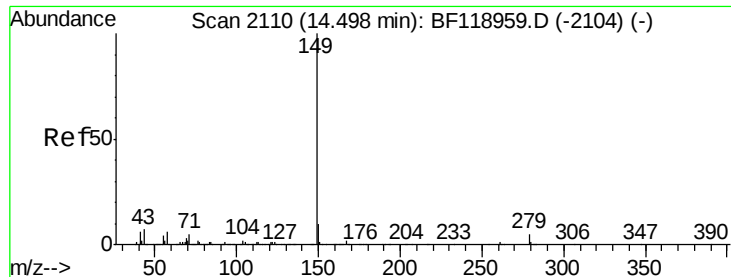


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.865 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

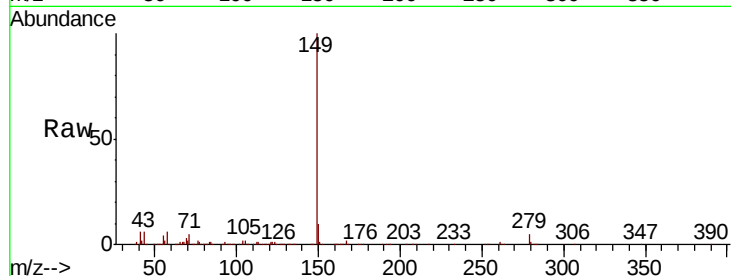
Tot Ion:149 Resp: 1196589

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

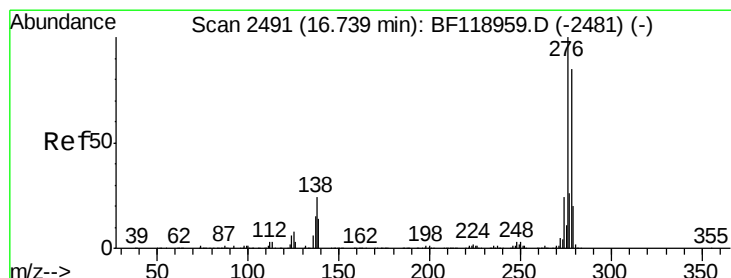
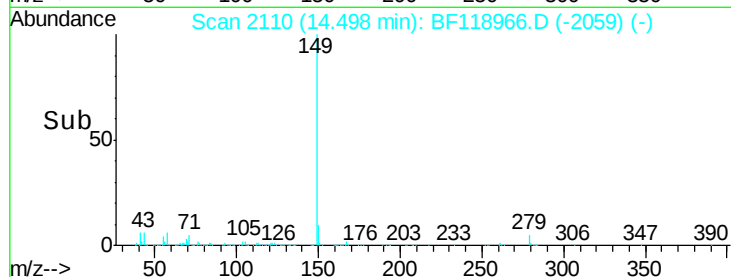
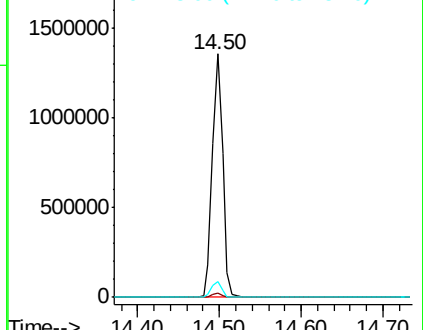
43 6.3 5.2 7.8



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: 34.306 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

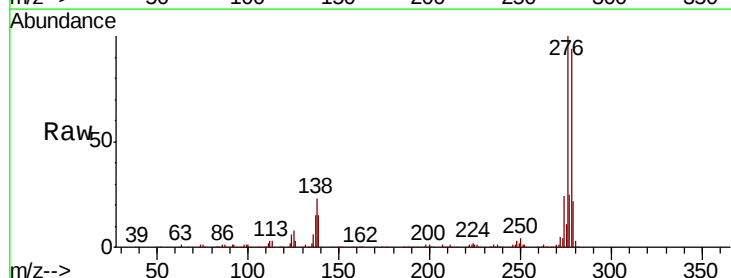
Tgt Ion:276 Resp: 1076054

Ion Ratio Lower Upper

276 100

138 22.2 18.7 28.1

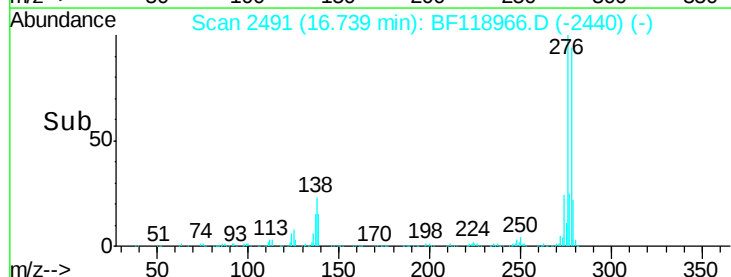
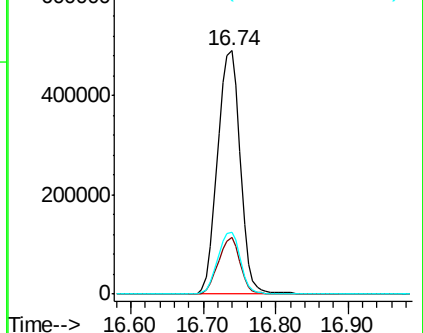
277 25.4 20.3 30.5

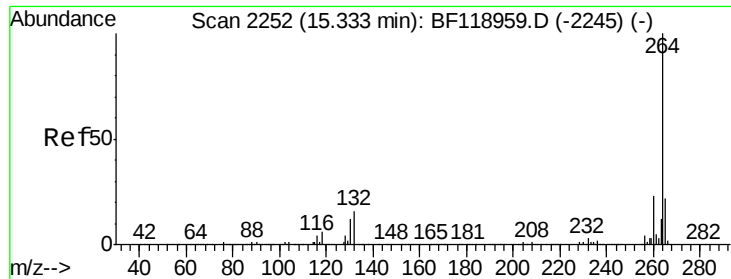


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



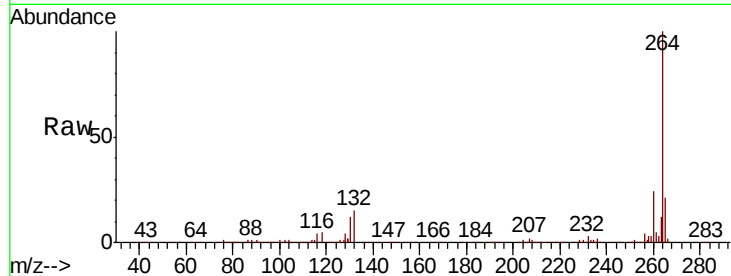


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

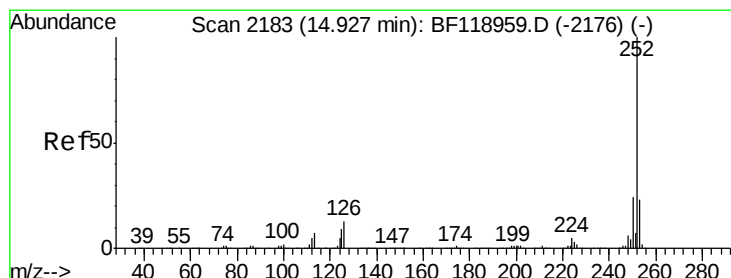
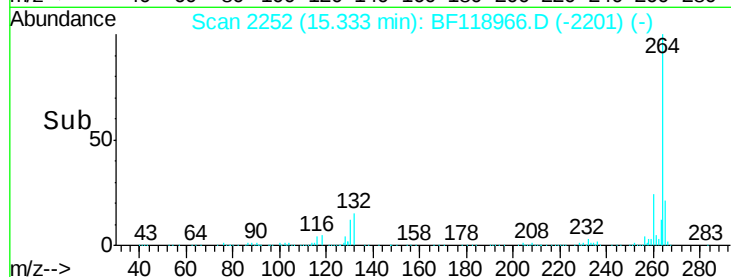
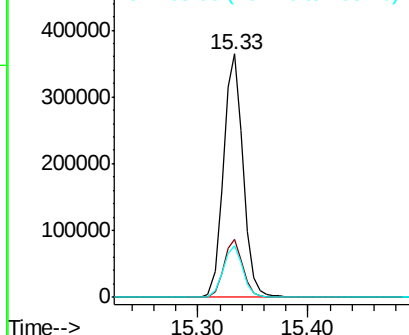
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 454444

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.5	17.3	25.9



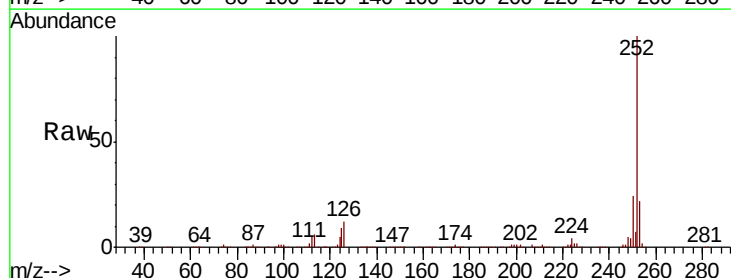
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



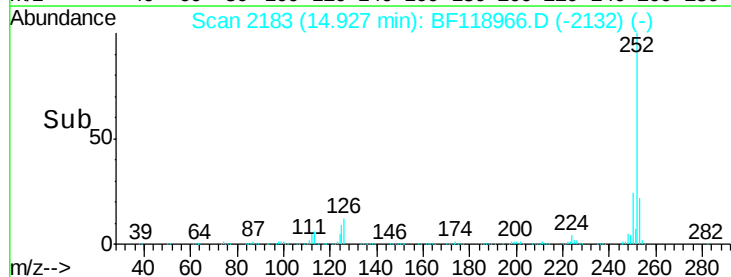
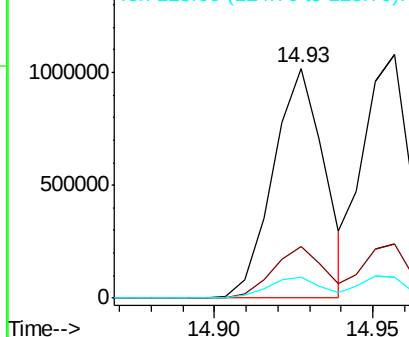
#88
Benzo(b)fluoranthene
Concen: 38.149 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

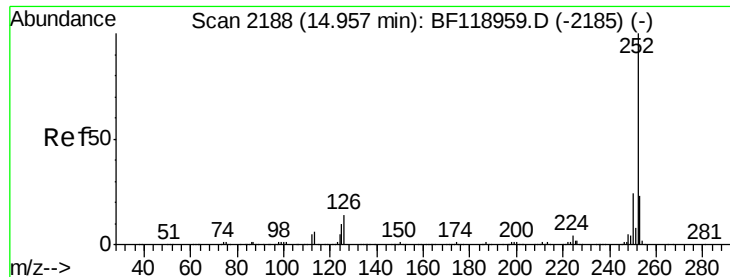
Tgt Ion:252 Resp: 1142732

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.3	7.4	11.0



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

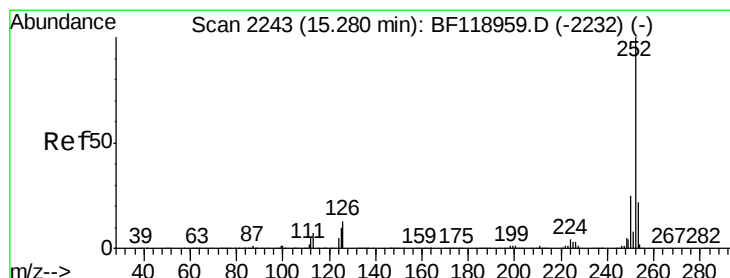
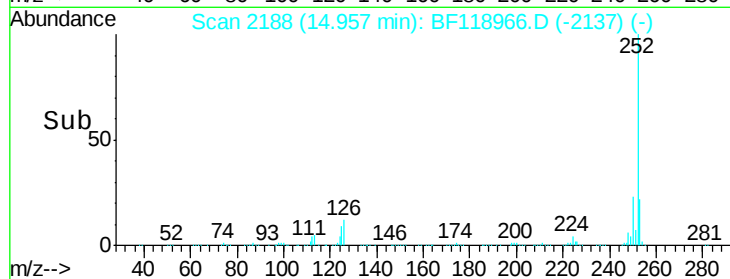
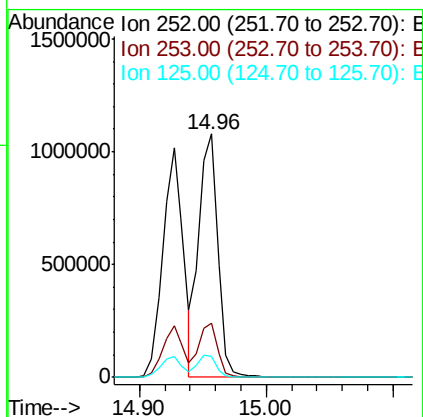
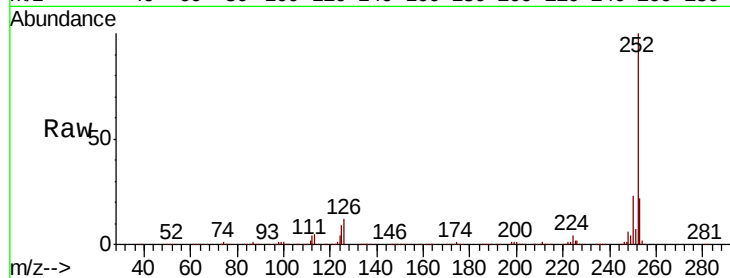




#89
Benzo(k)fluoranthene
Concen: 40.281 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

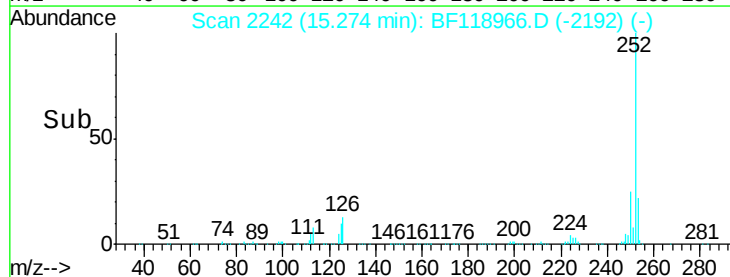
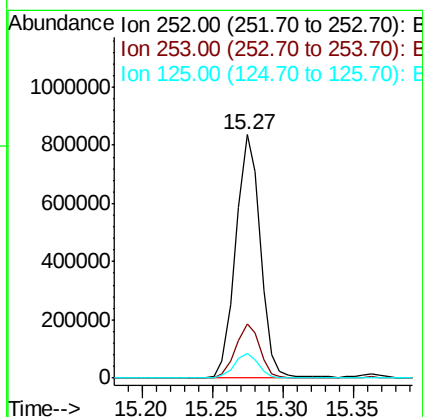
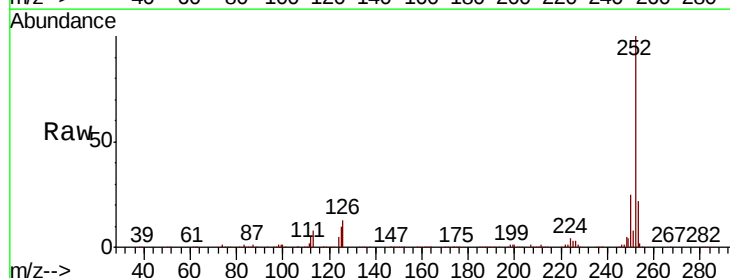
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1118185
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.774 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118966.D
Acq: 20 Feb 2020 18:39

Tgt Ion:252 Resp: 1021197
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 36.967 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

Instrument :

BNA_F

ClientSampleId :

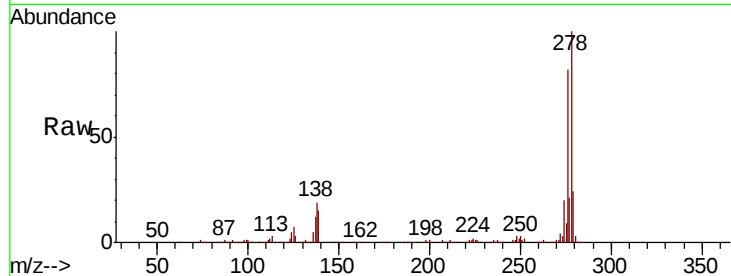
Tot Ion:278 Resp: 879346

Ion Ratio Lower Upper

278 100

139 14.6 12.6 18.8

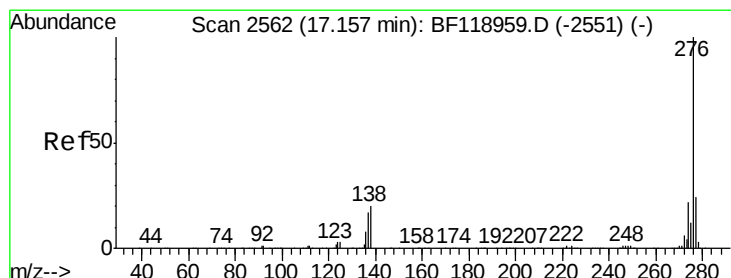
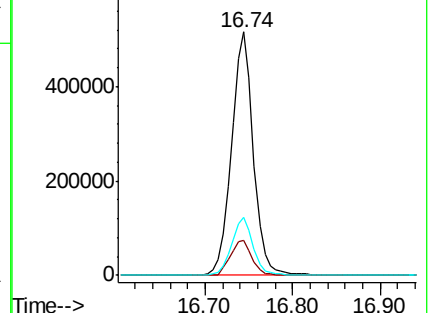
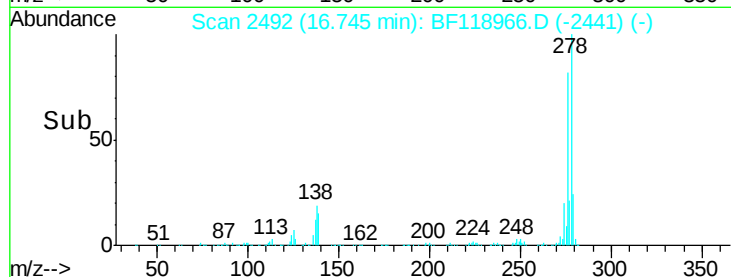
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.017 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF118966.D

Acq: 20 Feb 2020 18:39

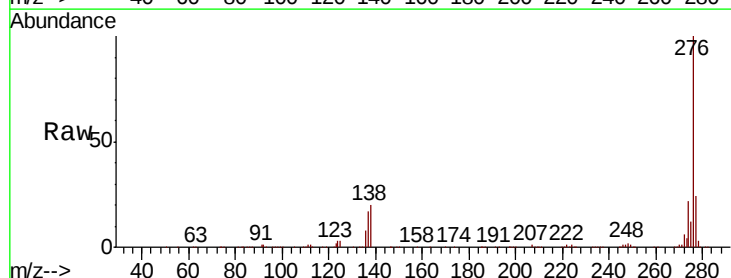
Tgt Ion:276 Resp: 870021

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.0 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

