

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119290.D
 Acq On : 9 Mar 2020 17:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:23:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	97148	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	374384	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	218004	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	411861	20.00	ng	0.00
76) Chrysene-d12	13.89	240	323207	20.00	ng	0.00
87) Perylene-d12	15.32	264	331459	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	487524	83.87	ng	0.00
7) Phenol-d6	6.38	99	593973	84.01	ng	0.00
23) Nitrobenzene-d5	7.30	82	584740	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	228686	80.19	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1174356	79.36	ng	0.00
79) Terphenyl-d14	12.83	244	1533544	81.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	96484	37.278	ng	99
3) Pyridine	3.07	79	251112	35.526	ng	99
4) n-Nitrosodimethylamine	3.02	42	80366	37.532	ng	95
6) Aniline	6.39	93	362460	41.549	ng	# 76
8) 2-Chlorophenol	6.52	128	262214	41.797	ng	99
9) Benzaldehyde	6.28	77	163720	34.661	ng	98
10) Phenol	6.39	94	319467	41.794	ng	# 74
11) bis(2-Chloroethyl)ether	6.46	93	241254	41.250	ng	99
12) 1,3-Dichlorobenzene	6.66	146	307511	40.897	ng	95
13) 1,4-Dichlorobenzene	6.74	146	313930	41.722	ng	99
14) 1,2-Dichlorobenzene	6.90	146	291856	42.531	ng	99
15) Benzyl Alcohol	6.88	79	225393	44.111	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	210377	41.525	ng	# 49
17) 2-Methylphenol	7.00	107	213303	41.937	ng	94
18) Hexachloroethane	7.23	117	112362	41.740	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	187499	45.514	ng	97
20) 3+4-Methylphenols	7.16	107	285772	45.860	ng	# 88
22) Acetophenone	7.14	105	367130	42.383	ng	# 94
24) Nitrobenzene	7.32	77	288088	41.086	ng	99
25) Isophorone	7.55	82	507893	41.244	ng	98
26) 2-Nitrophenol	7.63	139	148810	40.054	ng	95
27) 2,4-Dimethylphenol	7.67	122	199345	39.535	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	321449	40.104	ng	98
29) 2,4-Dichlorophenol	7.88	162	239200	40.297	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	275500	39.145	ng	98
31) Naphthalene	8.03	128	785495	40.456	ng	98
32) Benzoic acid	7.84	122	123631	35.607	ng	99
33) 4-Chloroaniline	8.09	127	346344	41.473	ng	99
34) Hexachlorobutadiene	8.15	225	174860	39.887	ng	97
35) Caprolactam	8.46	113	53203	29.108	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	256447	42.688	ng	96
37) 2-Methylnaphthalene	8.72	142	542243	41.499	ng	97
38) 1-Methylnaphthalene	8.82	142	508237	41.359	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	281833	38.344	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119290.D
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:23:38 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	89132	38.797	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	174468	37.588	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	170523	35.010	ng	99
46) 1,1'-Biphenyl	9.19	154	705098	40.019	ng	98
47) 2-Chloronaphthalene	9.21	162	559697	39.420	ng	98
48) 2-Nitroaniline	9.32	65	167729	42.354	ng	99
49) Acenaphthylene	9.62	152	820802	40.026	ng	99
50) Dimethylphthalate	9.49	163	677072	40.615	ng	99
51) 2,6-Dinitrotoluene	9.56	165	147152	39.731	ng	95
52) Acenaphthene	9.79	154	504567	40.805	ng	99
53) 3-Nitroaniline	9.73	138	164519	40.068	ng	93
54) 2,4-Dinitrophenol	9.86	184	65835	40.631	ng	95
55) Dibenzofuran	9.97	168	741642	40.184	ng	98
56) 4-Nitrophenol	9.92	139	103672	42.025	ng	97
57) 2,4-Dinitrotoluene	9.97	165	195284	40.679	ng	96
58) Fluorene	10.31	166	610434	42.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	159321	38.765	ng	99
60) Diethylphthalate	10.19	149	671611	42.751	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	326570	43.019	ng	96
62) 4-Nitroaniline	10.35	138	162616	38.710	ng	95
63) Azobenzene	10.46	77	589966	43.205	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	97234	39.015	ng	93
66) n-Nitrosodiphenylamine	10.42	169	547500	40.598	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	215395	40.010	ng	98
68) Hexachlorobenzene	10.86	284	251120	40.458	ng	97
69) Atrazine	10.95	200	172667	36.646	ng	97
70) Pentachlorophenol	11.07	266	99111	39.639	ng	97
71) Phenanthrene	11.27	178	923419	41.112	ng	98
72) Anthracene	11.32	178	931598	41.511	ng	98
73) Carbazole	11.48	167	823452	41.187	ng	98
74) Di-n-butylphthalate	11.80	149	1066890	44.065	ng	98
75) Fluoranthene	12.46	202	994551	41.715	ng	99
77) Benzidine	12.58	184	533993	40.625	ng	99
78) Pyrene	12.69	202	998304	38.466	ng	99
80) Butylbenzylphthalate	13.30	149	456562	41.798	ng	99
81) Benzo(a)anthracene	13.87	228	916432	41.614	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	352529	41.225	ng	99
83) Chrysene	13.92	228	876809	39.958	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	638513	46.270	ng	99
85) Di-n-octyl phthalate	14.46	149	1032928	46.979	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	822189	38.696	ng	100
88) Benzo(b)fluoranthene	14.91	252	903420	41.350	ng	99
89) Benzo(k)fluoranthene	14.93	252	845643	41.766	ng	99
90) Benzo(a)pyrene	15.26	252	789032	40.015	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	690574	39.803	ng	99
92) Benzo(g,h,i)perylene	17.14	276	629618	36.728	ng	99

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

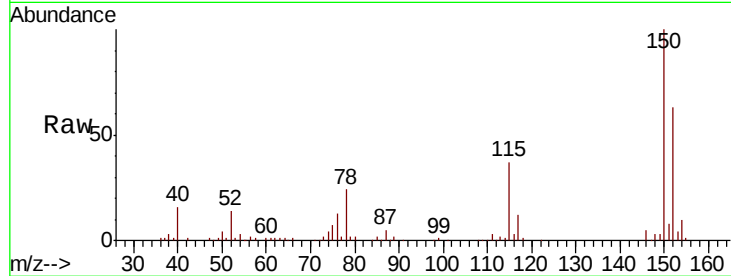


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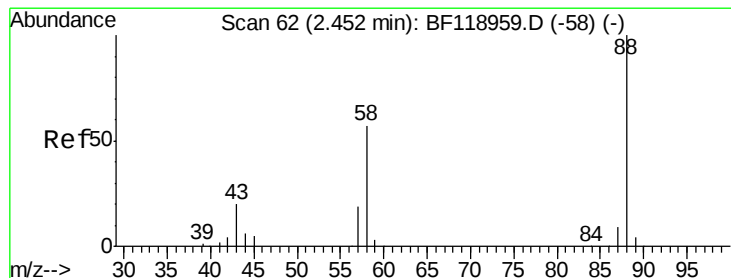
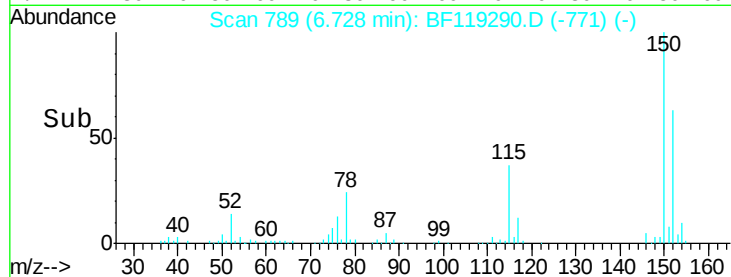
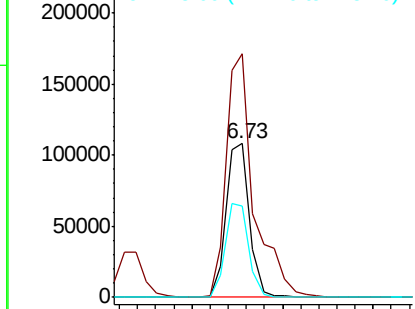
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97148
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 59.1 49.5 74.3



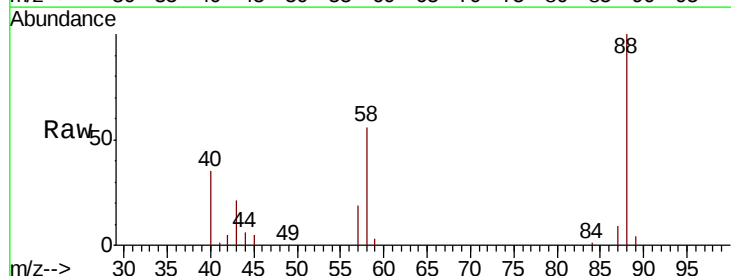
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



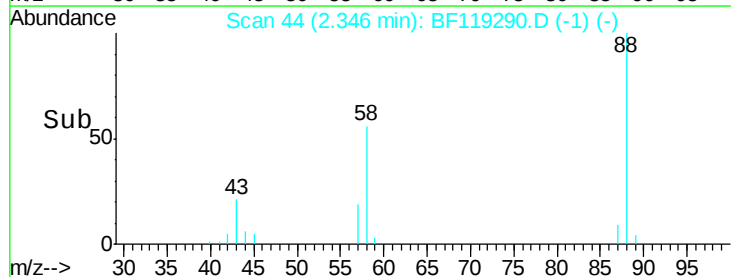
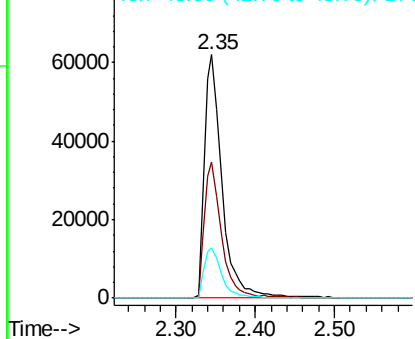
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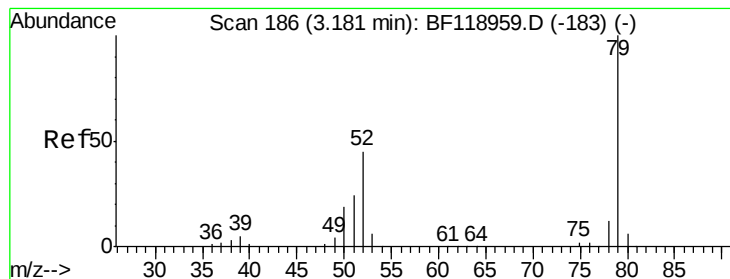
1,4-Dioxane
Concen: 37.278 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.04 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion: 88 Resp: 96484
Ion Ratio Lower Upper
88 100
58 54.2 43.8 65.6
43 20.5 16.2 24.4



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





#3

Pvridine

Concen: 35.526 ng

RT: 3.07 min Scan# 168

Delta R.T. -0.03 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampled :

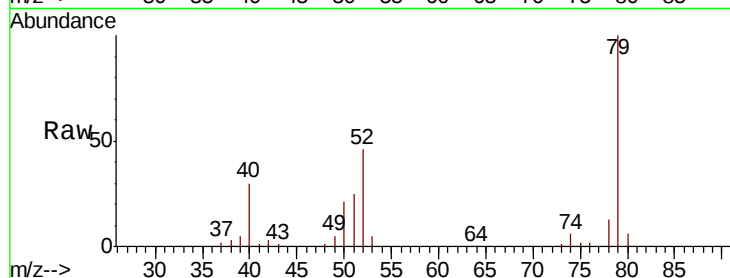
Tot Ion: 79 Resp: 251112

Ion Ratio Lower Upper

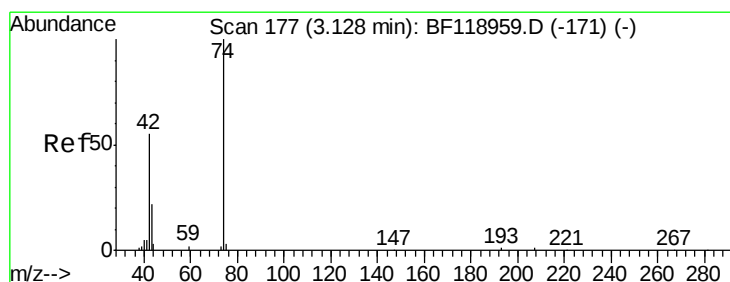
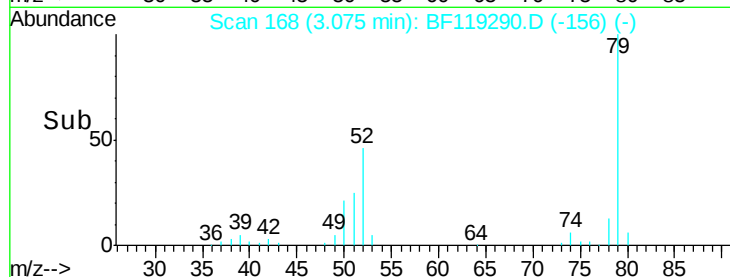
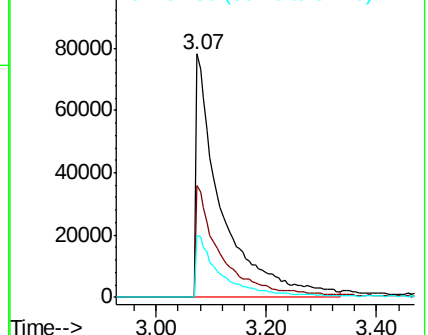
79 100

52 45.7 37.4 56.0

51 25.3 19.8 29.6



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: 37.532 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.04 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

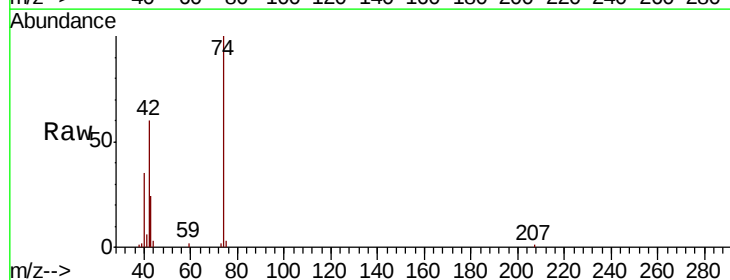
Tgt Ion: 42 Resp: 80366

Ion Ratio Lower Upper

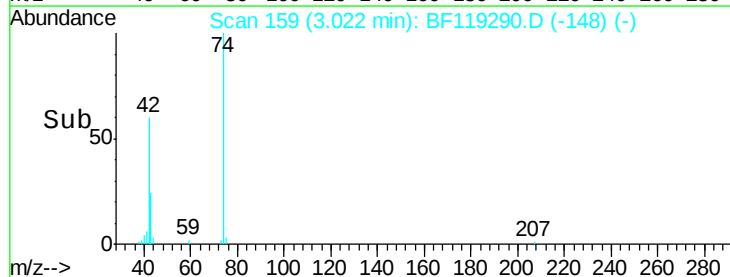
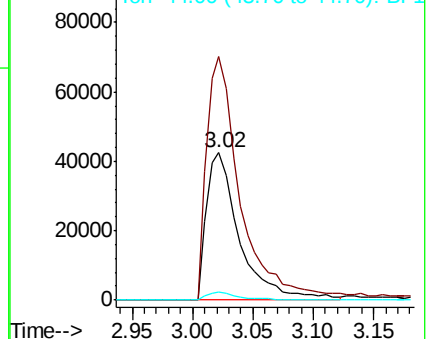
42 100

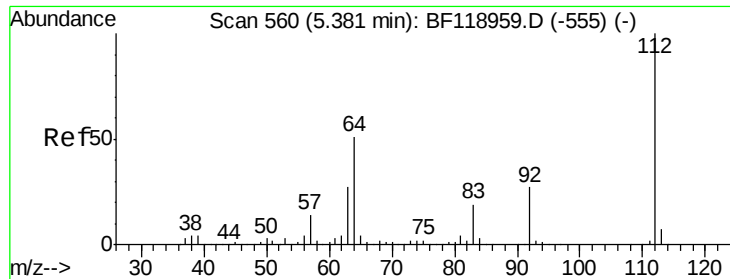
74 165.4 137.7 206.5

44 5.4 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

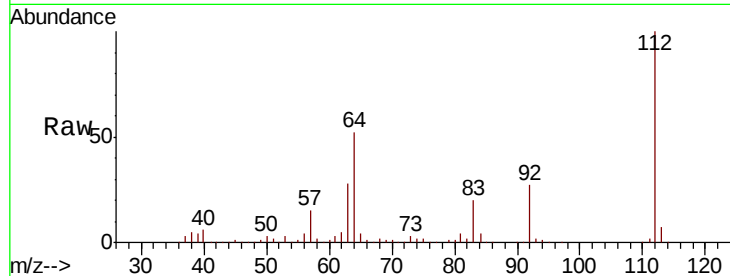




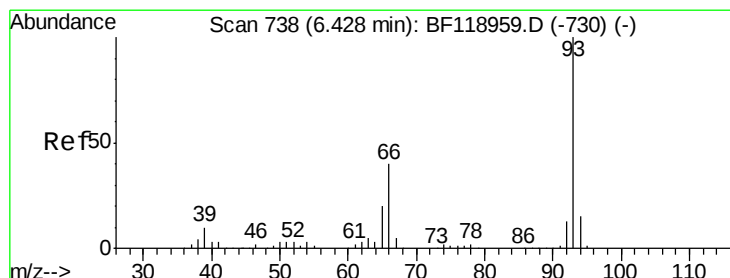
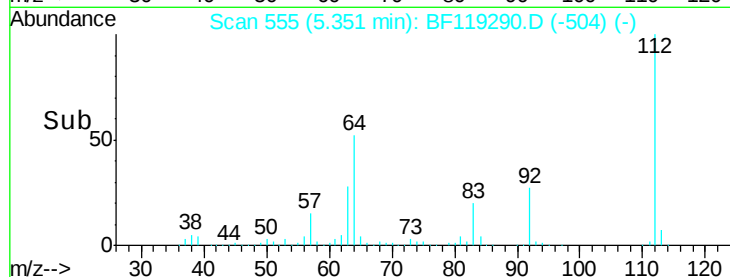
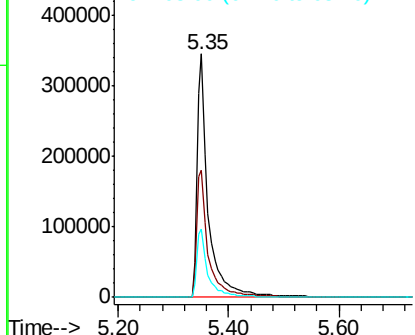
#5
2-Fluorophenol
Concen: 83.866 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 487524
Ion Ratio Lower Upper
112 100
64 52.2 45.0 67.4
63 27.8 24.2 36.4

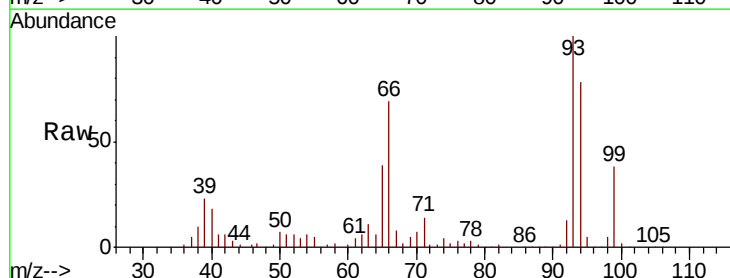


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

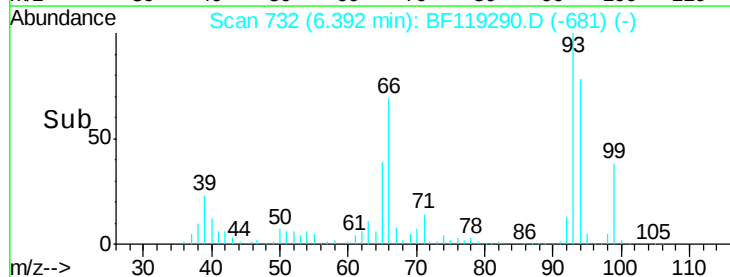
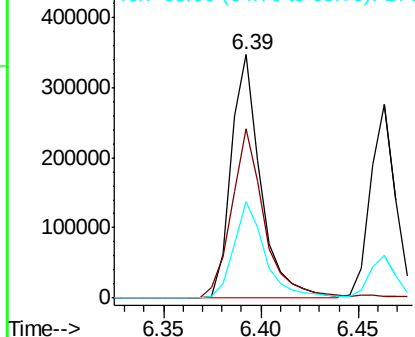


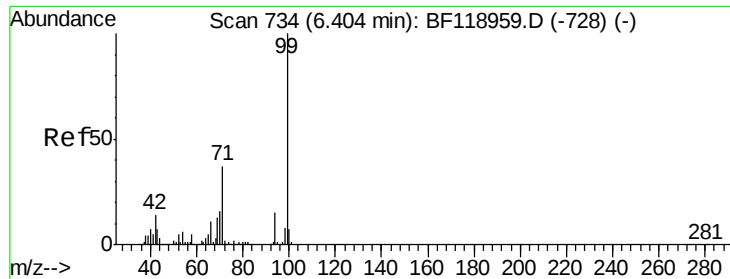
#6
Aniline
Concen: 41.549 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion: 93 Resp: 362460
Ion Ratio Lower Upper
93 100
66 69.3 74.5 111.7#
65 39.5 45.3 67.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.015 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

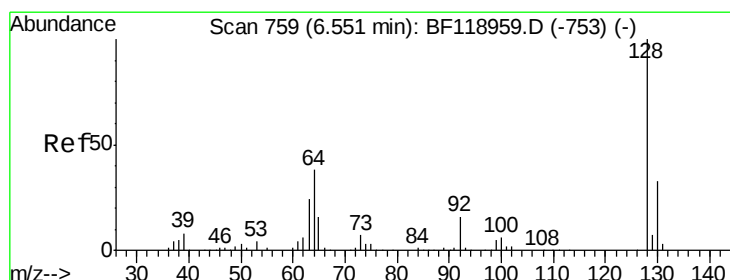
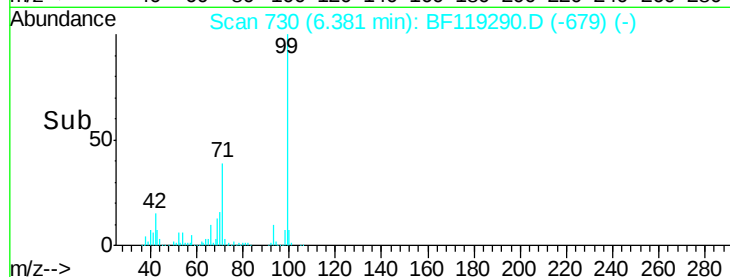
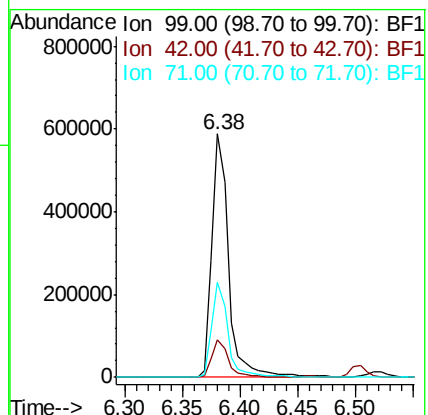
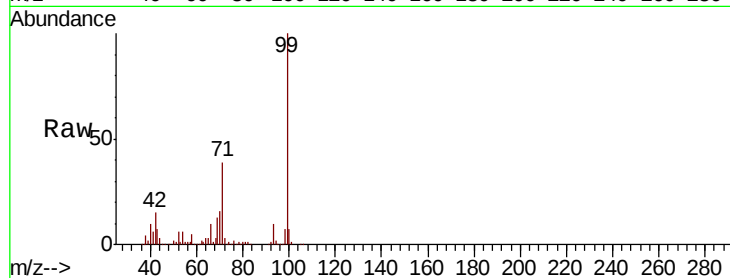
Tot Ion: 99 Resp: 593973

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 39.0 31.0 46.4



#8

2-Chlorophenol

Concen: 41.797 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

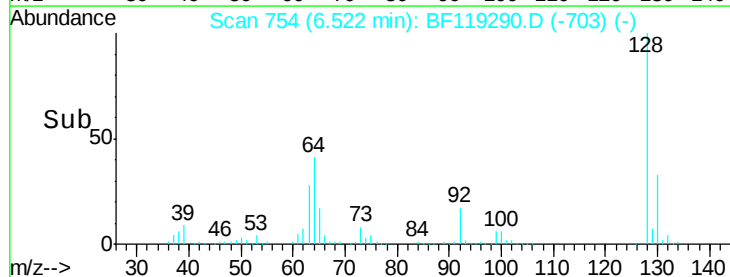
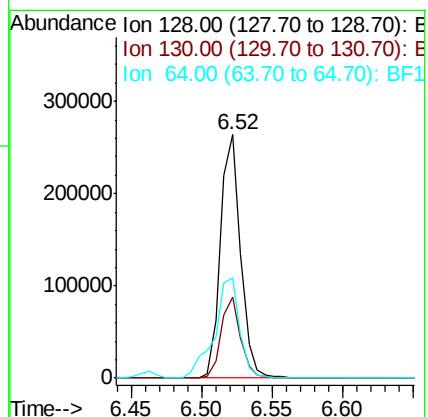
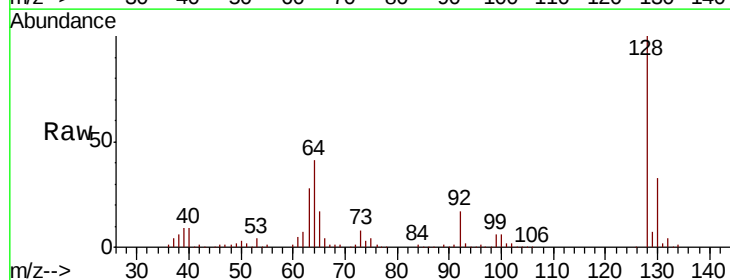
Tgt Ion: 128 Resp: 262214

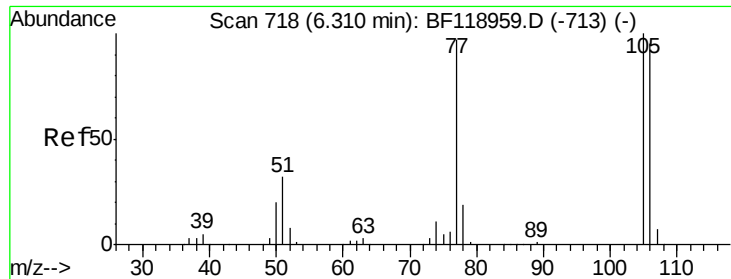
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 41.1 22.3 62.3

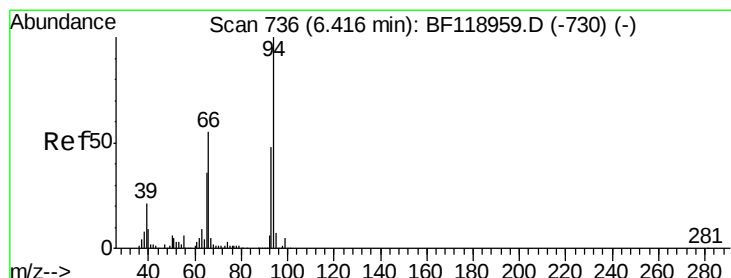
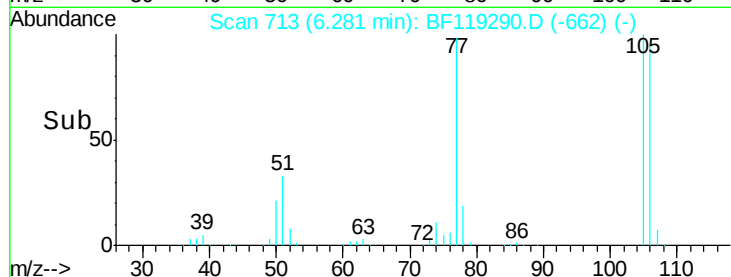
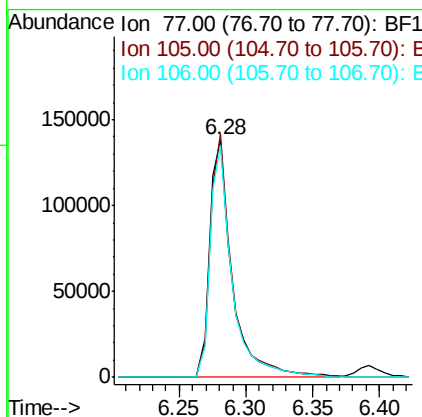
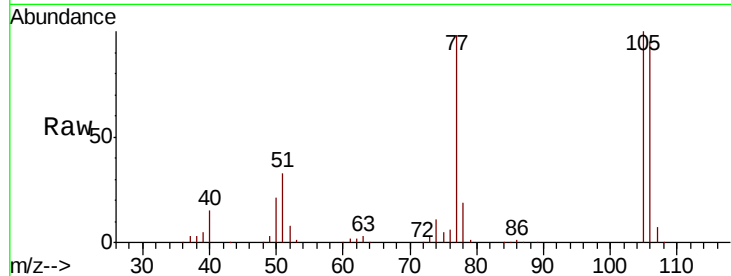




#9
Benzaldehyde
Concen: 34.661 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

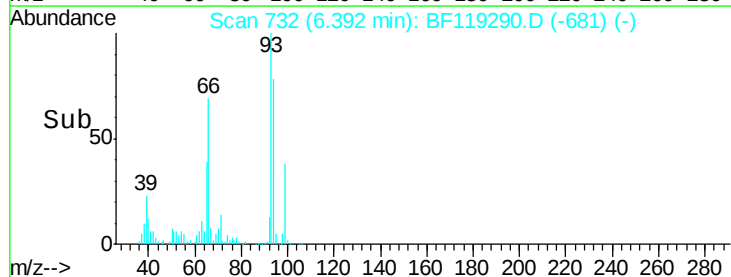
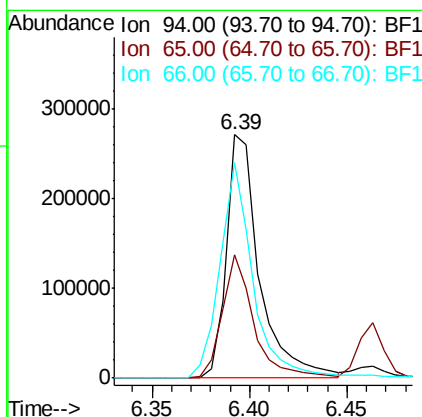
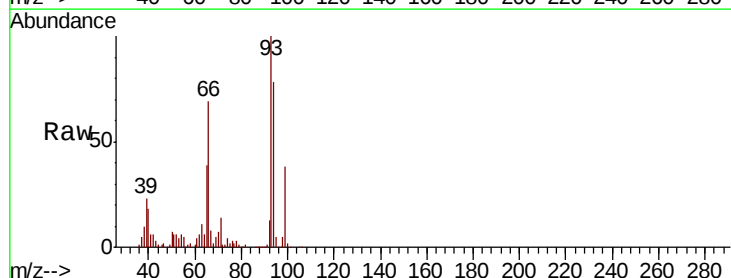
Instrument :
BNA_F
ClientSampleId :

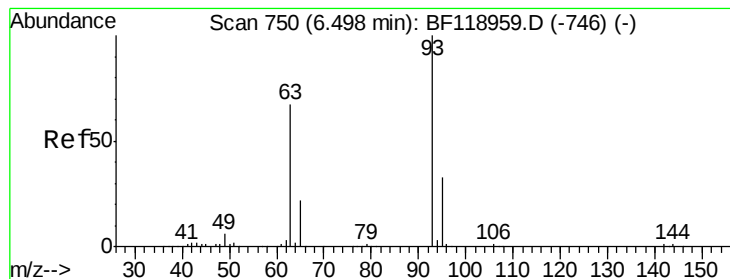
Tot Ion: 77 Resp: 163720
Ion Ratio Lower Upper
77 100
105 102.5 80.1 120.1
106 97.5 75.9 115.9



#10
Phenol
Concen: 41.794 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion: 94 Resp: 319467
Ion Ratio Lower Upper
94 100
65 50.5 19.2 59.2
66 88.7 44.4 84.4#





#11

bis(2-Chloroethyl)ether

Concen: 41.250 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

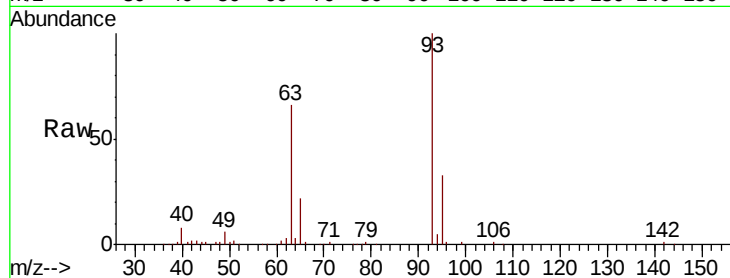
Tot Ion: 93 Resp: 241254

Ion Ratio Lower Upper

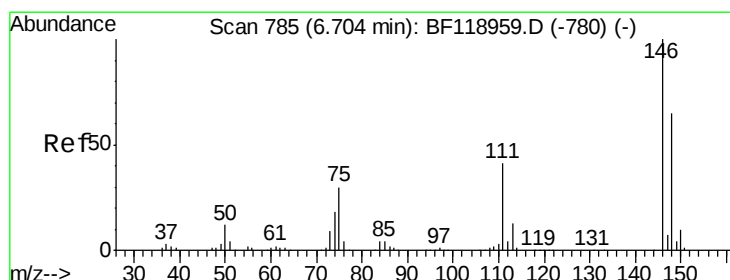
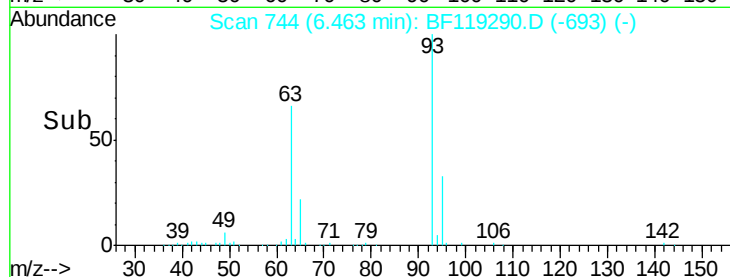
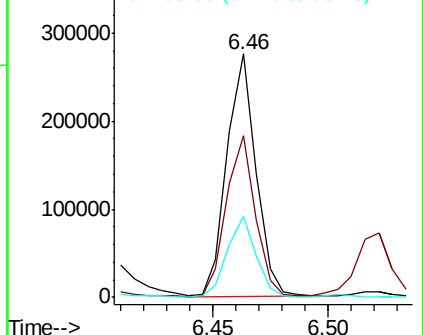
93 100

63 66.2 45.4 85.4

95 33.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.897 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

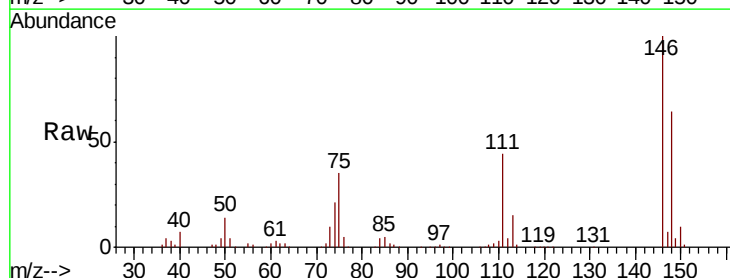
Tgt Ion: 146 Resp: 307511

Ion Ratio Lower Upper

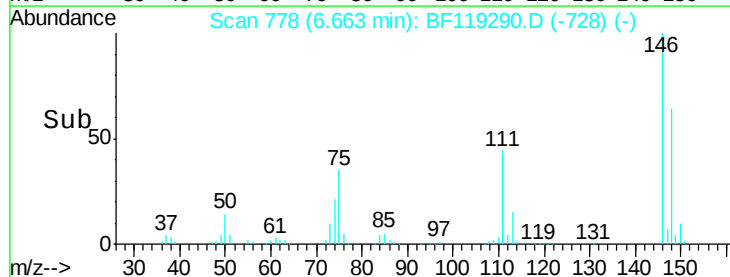
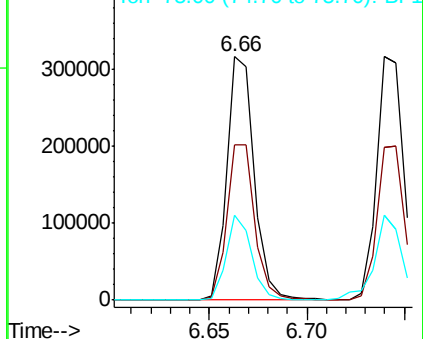
146 100

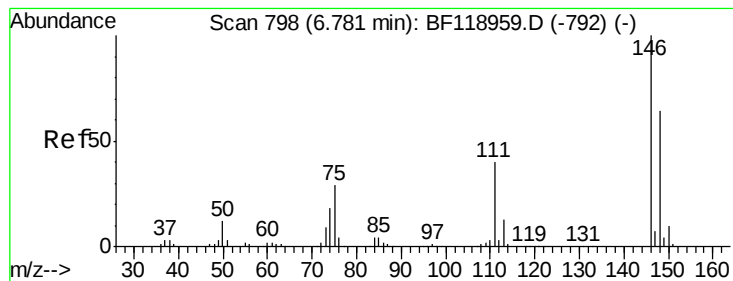
148 63.8 52.5 78.7

75 34.8 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.722 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

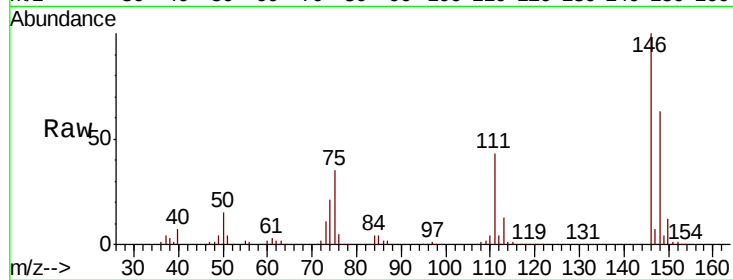
Tot Ion:146 Resp: 313930

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

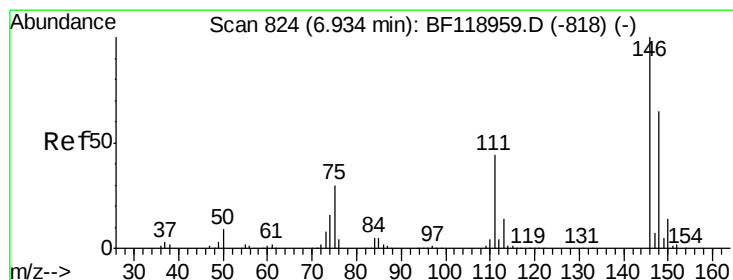
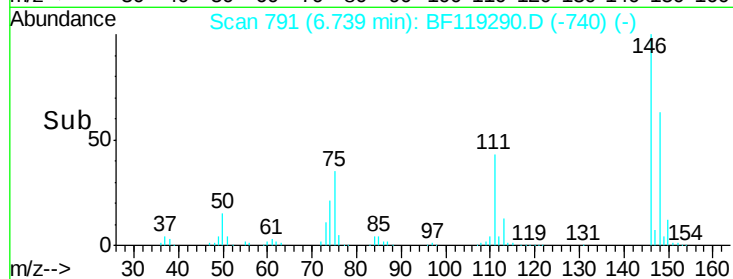
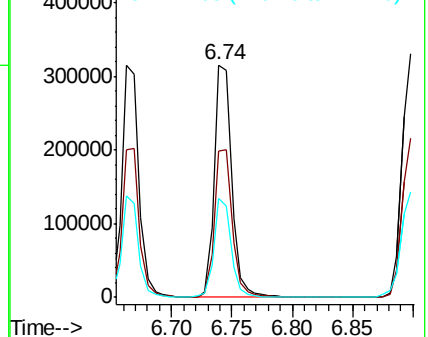
111 42.8 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.531 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

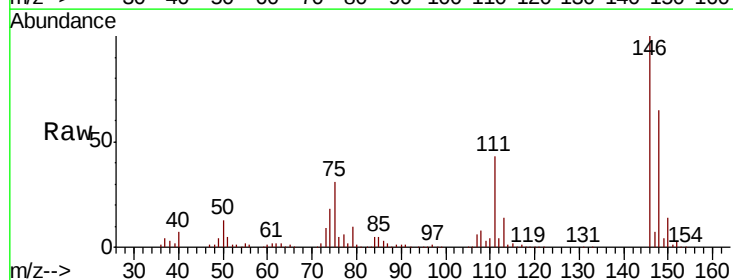
Tgt Ion:146 Resp: 291856

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

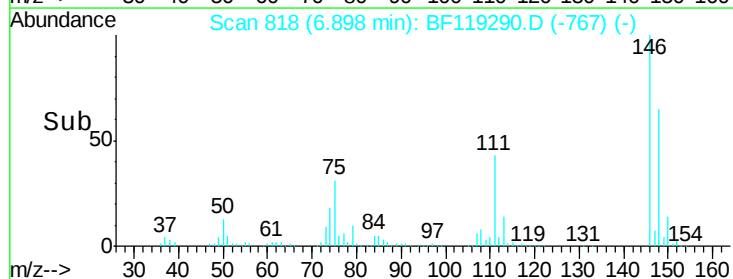
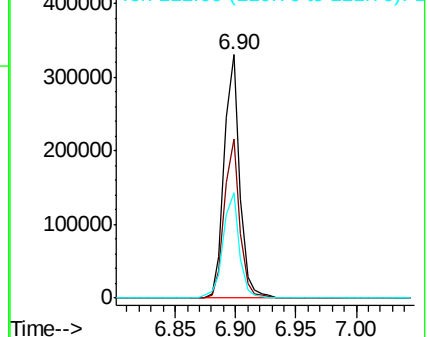
111 43.1 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.111 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

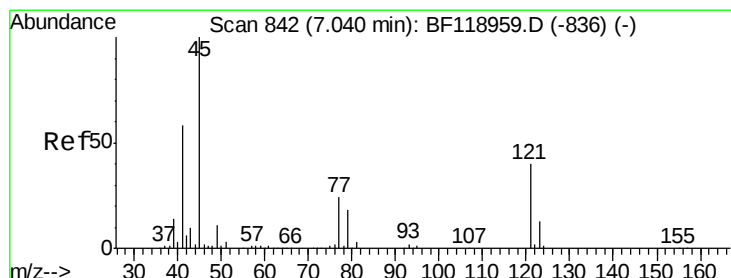
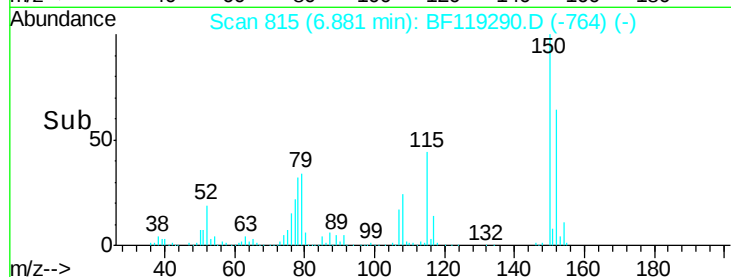
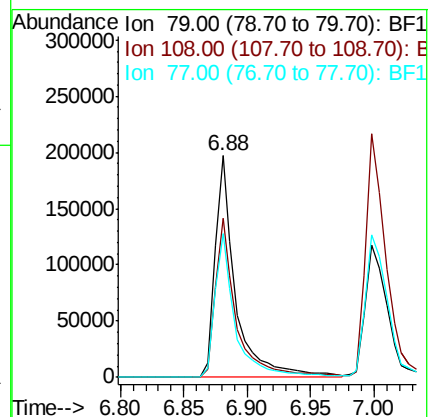
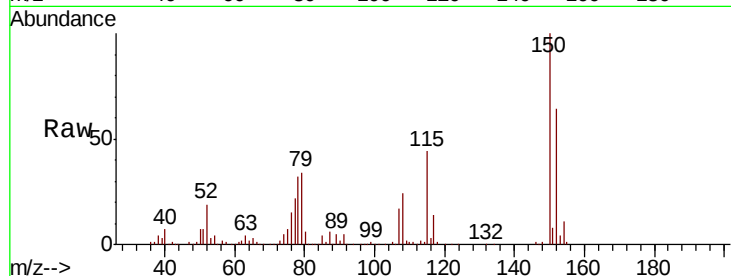
Tot Ion: 79 Resp: 225393

Ion Ratio Lower Upper

79 100

108 71.8 58.2 87.2

77 64.6 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.525 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

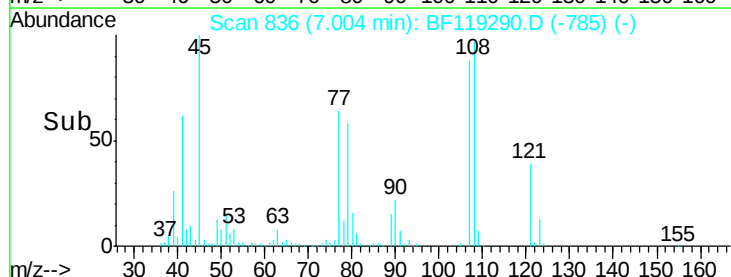
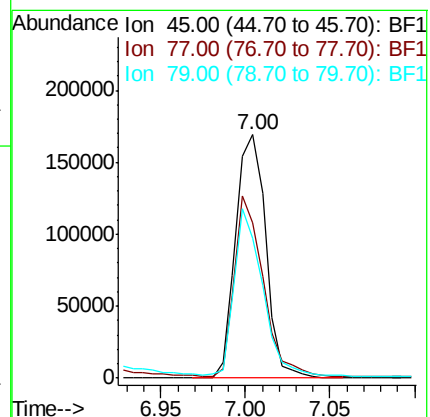
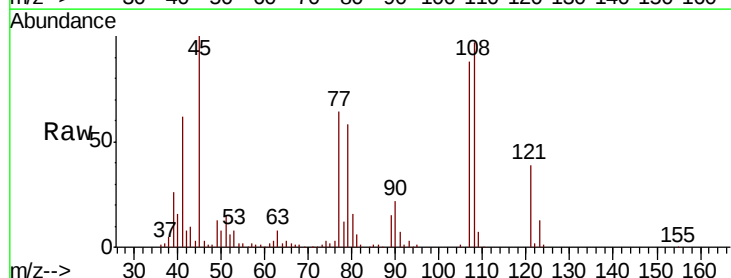
Tgt Ion: 45 Resp: 210377

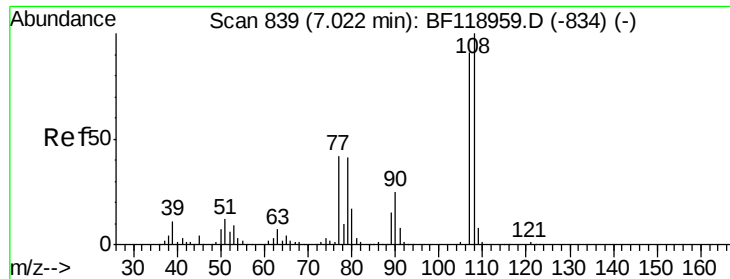
Ion Ratio Lower Upper

45 100

77 63.6 15.0 55.0#

79 57.7 9.4 49.4#

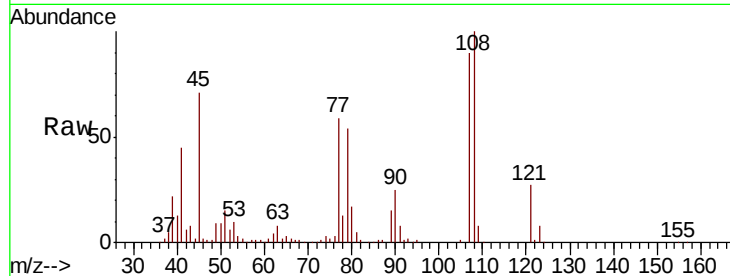




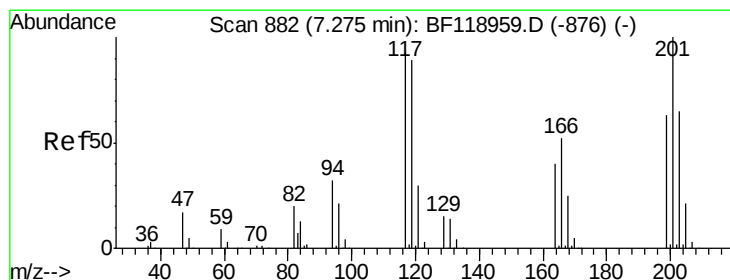
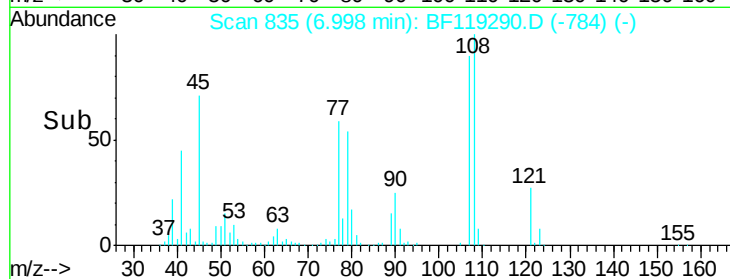
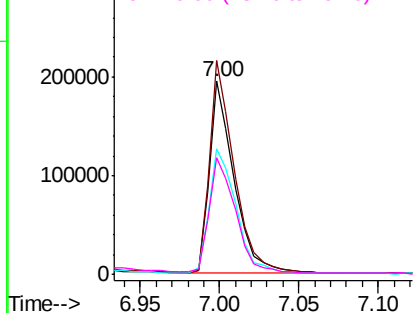
#17
2-Methylphenol
Concen: 41.937 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	213303
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.9	131.9
77	65.0	45.3	67.9
79	60.2	43.0	64.4

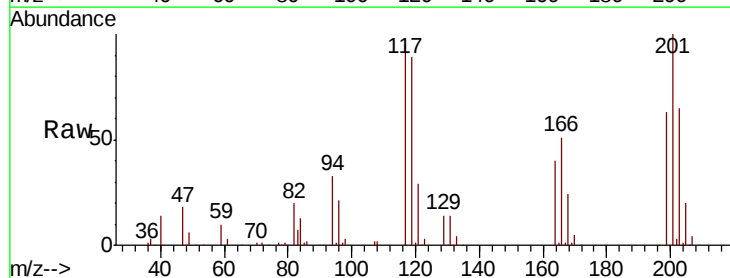


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

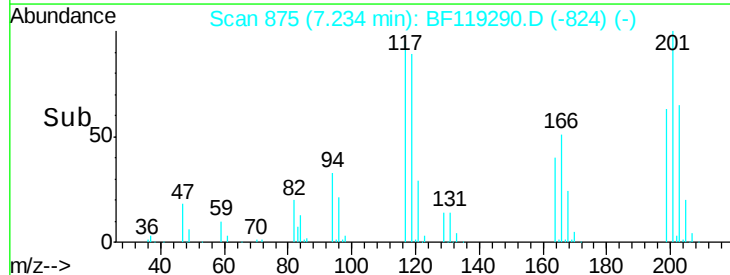
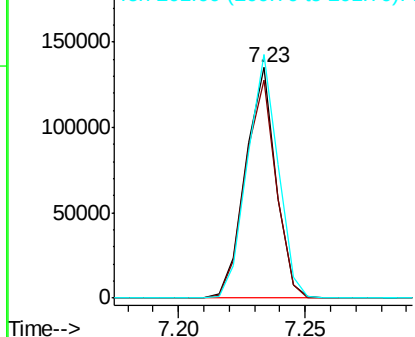


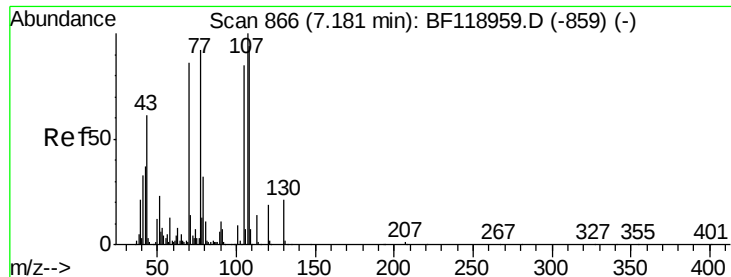
#18
Hexachloroethane
Concen: 41.740 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:	117	Resp:	112362
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.5	116.3
201	105.7	82.6	123.8



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

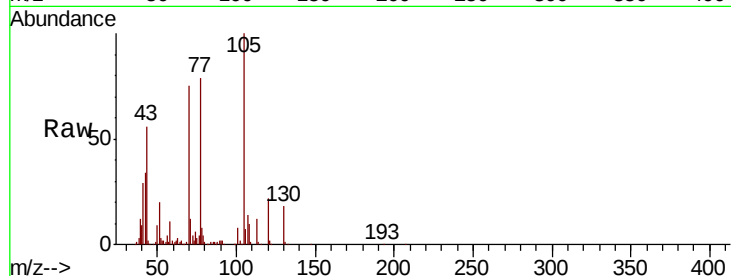




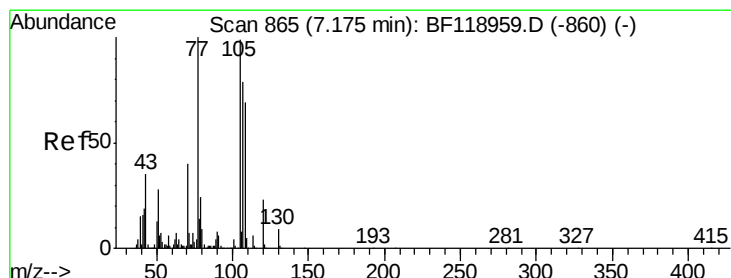
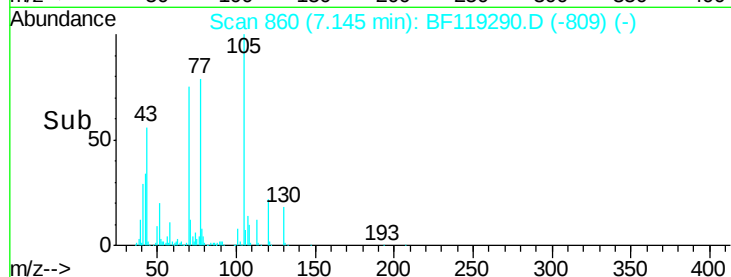
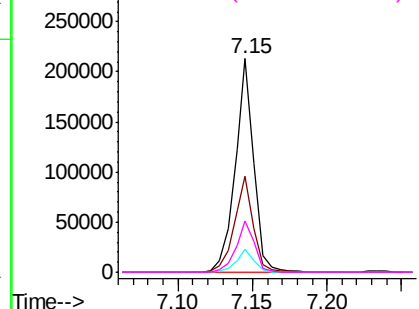
#19
n-Nitroso-di-n-propylamine
Concen: 45.514 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 187499
Ion Ratio Lower Upper
70 100
42 45.0 38.0 57.0
101 10.5 8.2 12.4
130 23.8 18.2 27.4

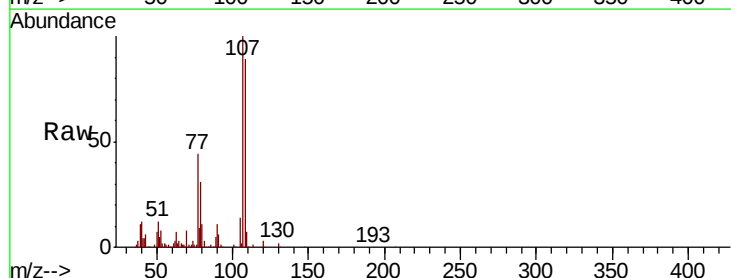


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

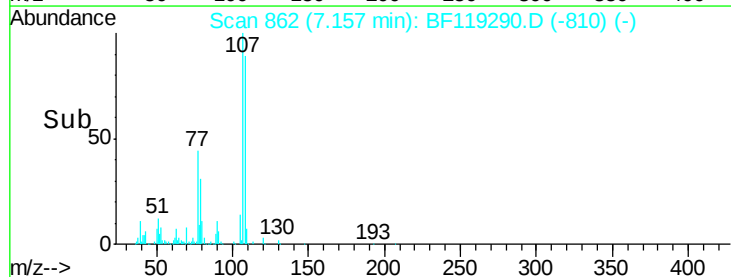
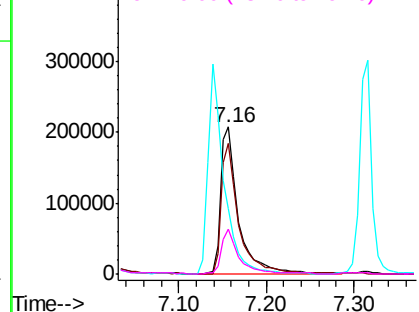


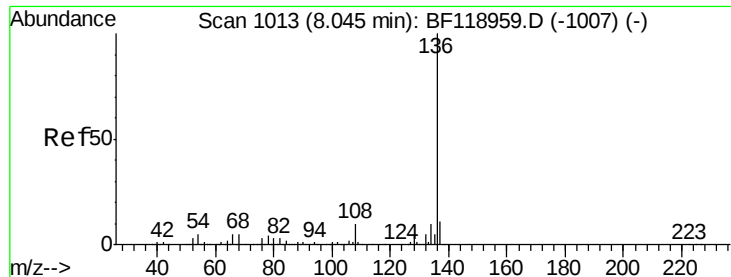
#20
3+4-Methylphenols
Concen: 45.860 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion: 107 Resp: 285772
Ion Ratio Lower Upper
107 100
108 88.9 71.5 111.5
77 44.1 45.9 85.9#
79 30.6 13.8 53.8



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

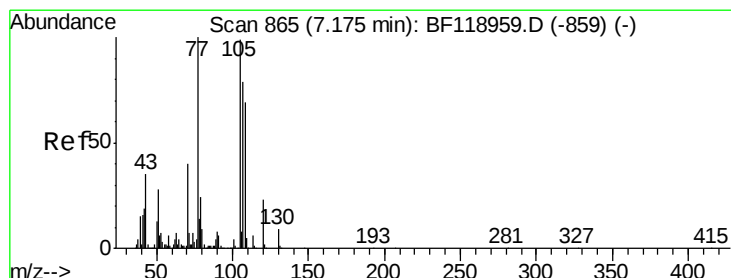
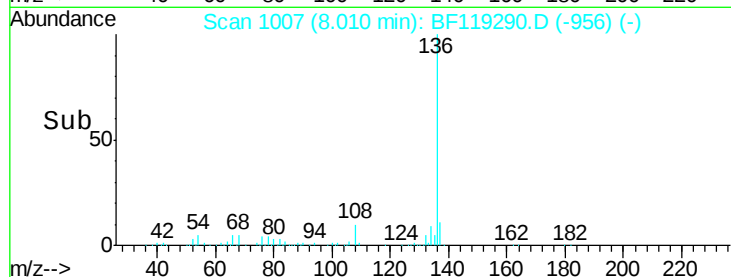
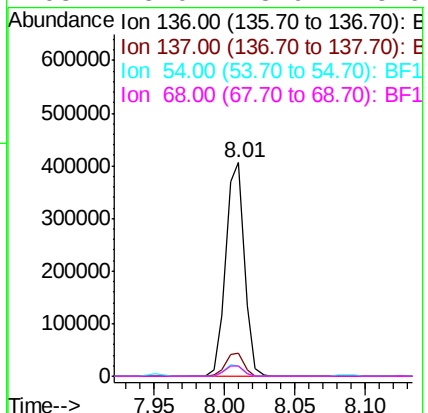
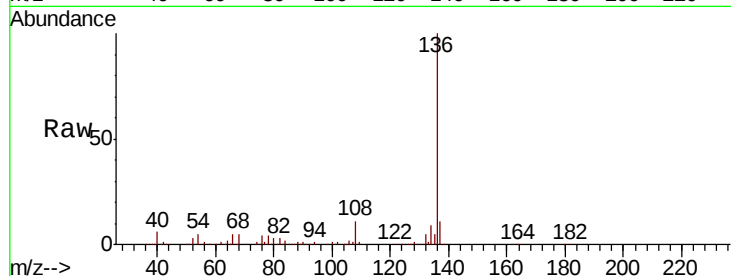




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

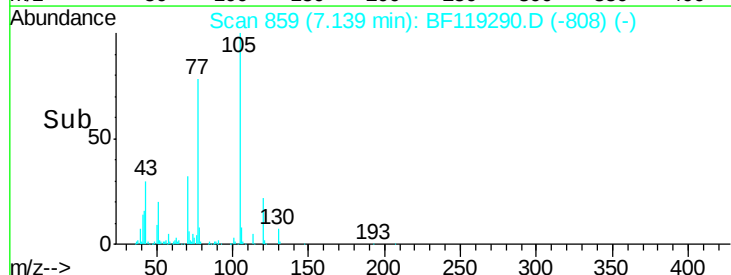
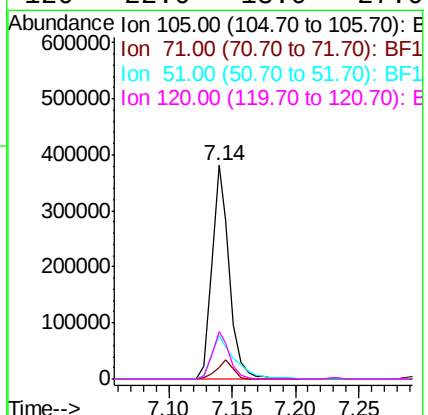
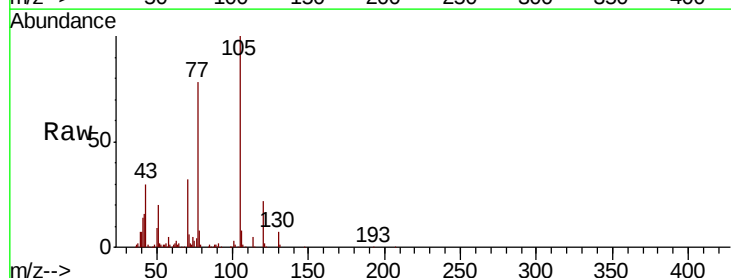
Instrument :
BNA_F
ClientSampleId :

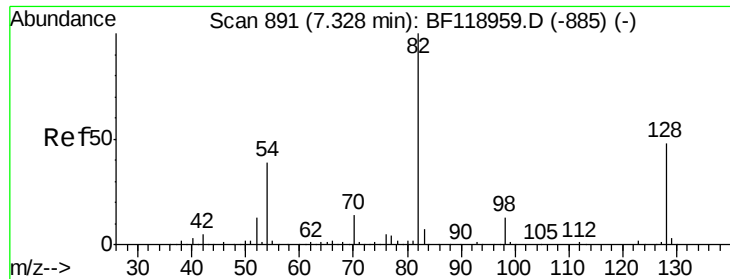
Tot Ion:136	Resp:	374384
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	4.5	3.8 5.6
68	5.0	3.9 5.9



#22
Acetophenone
Concen: 42.383 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:105	Resp:	367130
Ion	Ratio	Lower Upper
105	100	
71	5.7	3.0 4.4#
51	20.2	20.1 30.1
120	22.0	18.0 27.0

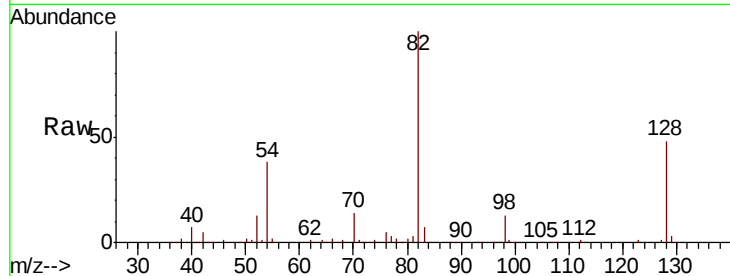




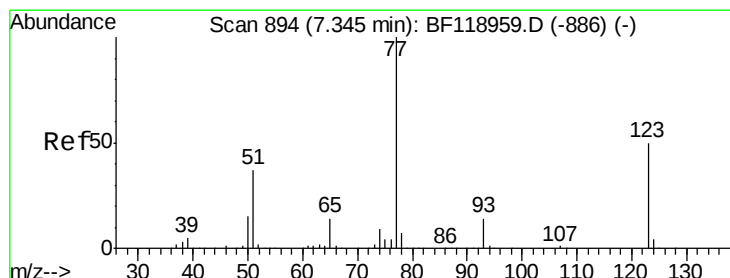
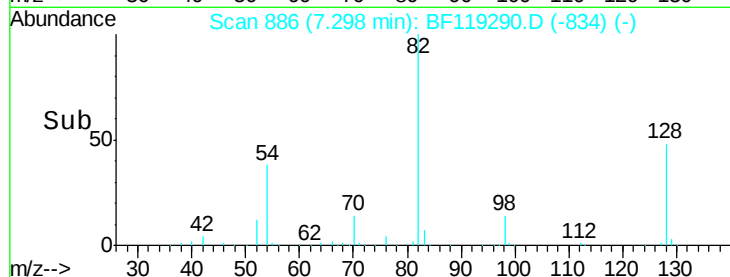
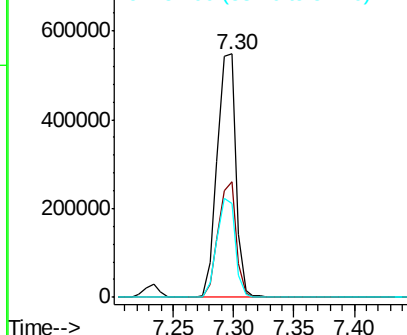
#23
 Nitrobenzene-d5
 Concen: 82.467 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 584740
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.9 56.9
 54 38.4 33.4 50.2

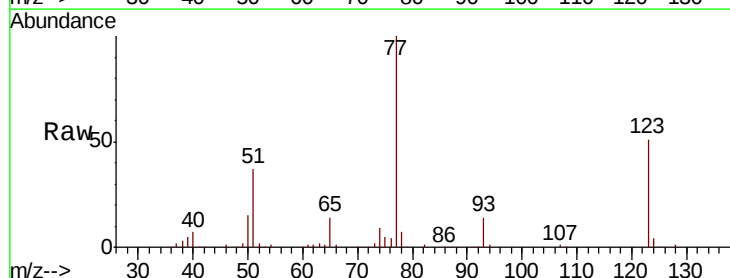


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

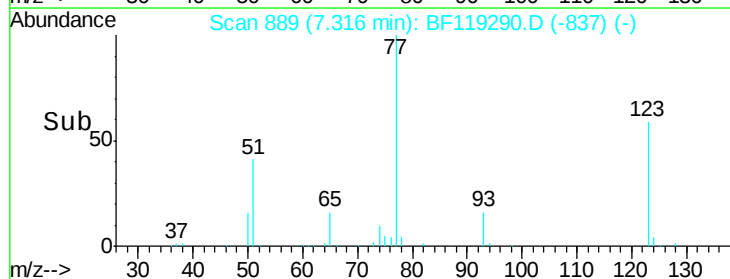
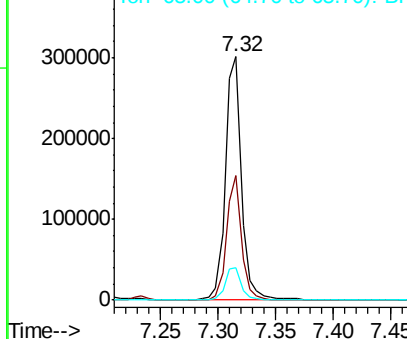


#24
 Nitrobenzene
 Concen: 41.086 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion: 77 Resp: 288088
 Ion Ratio Lower Upper
 77 100
 123 51.0 40.2 60.2
 65 13.5 10.8 16.2



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





#25

Isophorone

Concen: 41.244 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

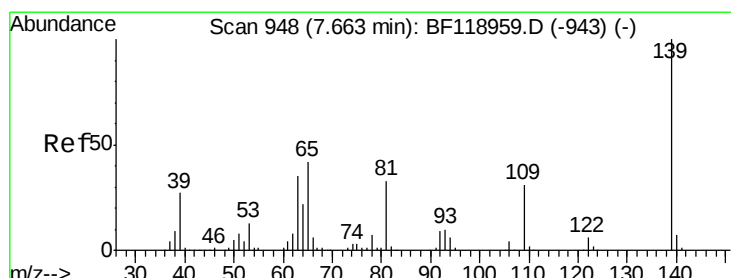
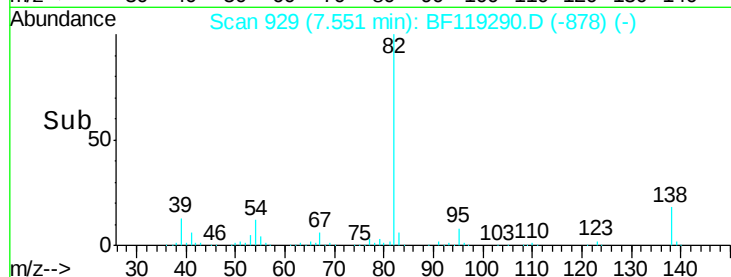
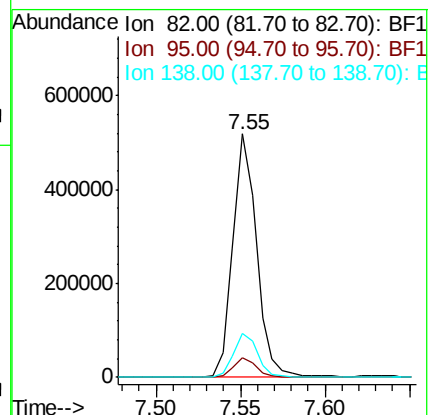
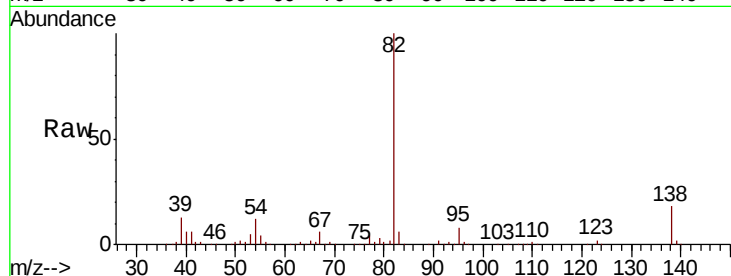
Tot Ion: 82 Resp: 507893

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 18.2 15.7 23.5



#26

2-Nitrophenol

Concen: 40.054 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

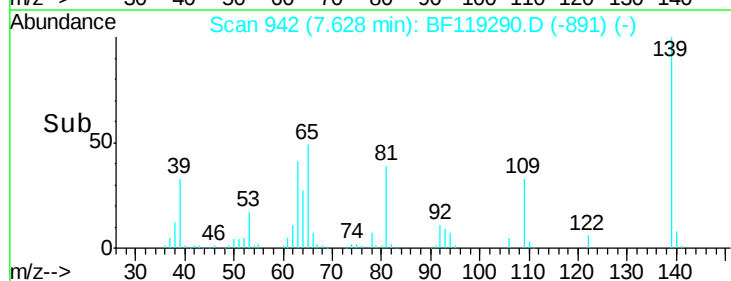
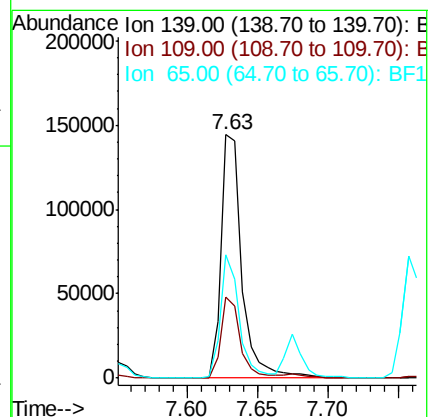
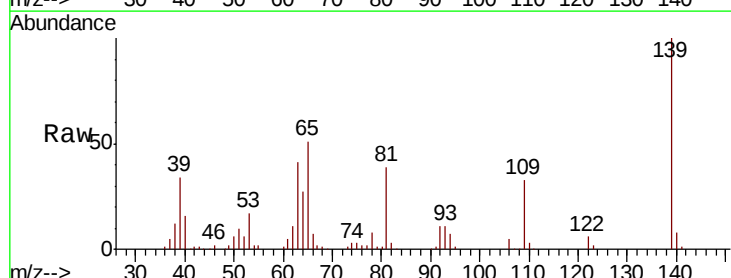
Tgt Ion: 139 Resp: 148810

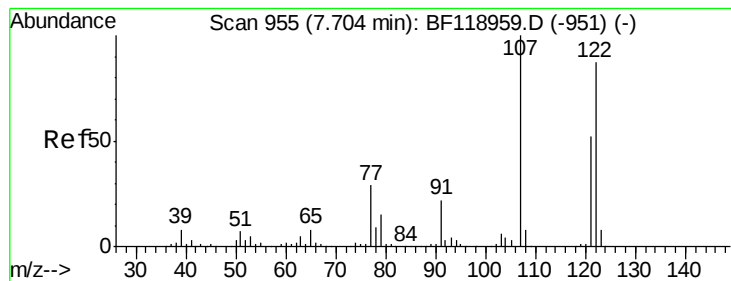
Ion Ratio Lower Upper

139 100

109 33.3 25.7 38.5

65 50.9 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.535 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

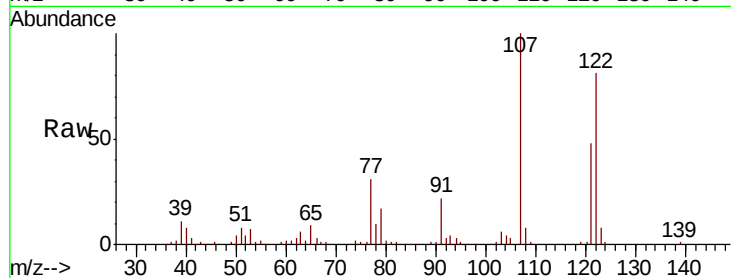
Tot Ion:122 Resp: 199345

Ion Ratio Lower Upper

122 100

107 122.7 93.8 140.6

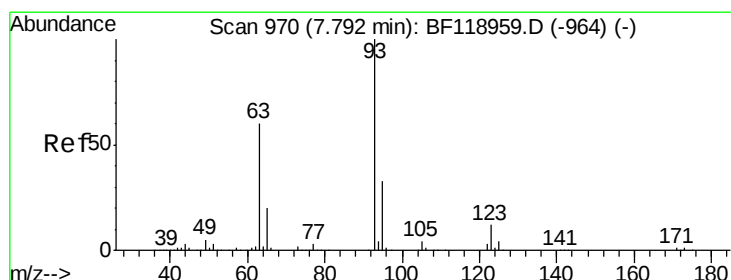
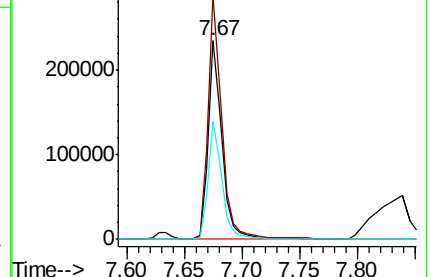
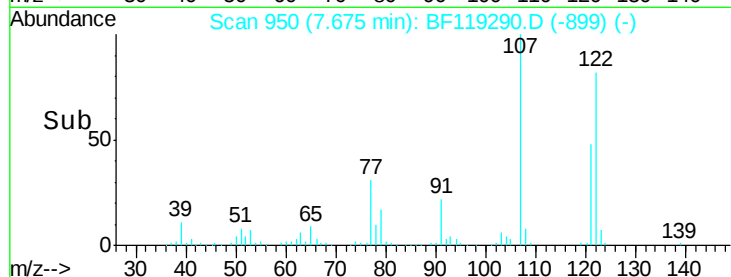
121 59.4 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.104 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

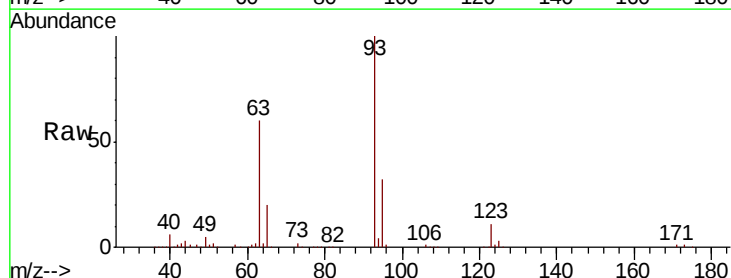
Tgt Ion: 93 Resp: 321449

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

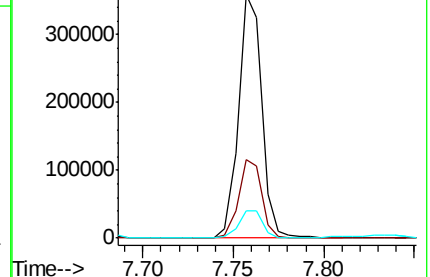
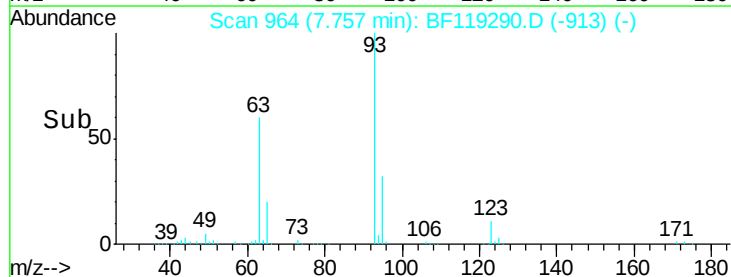
123 11.4 10.2 15.2

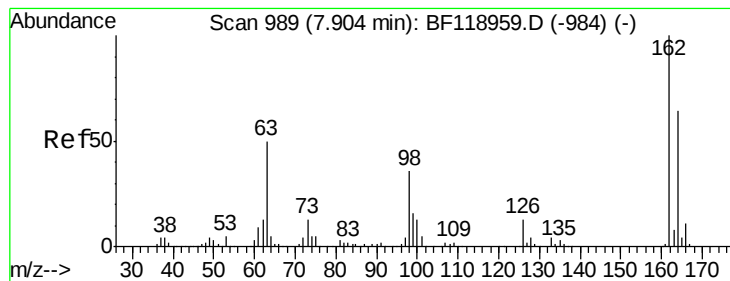


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

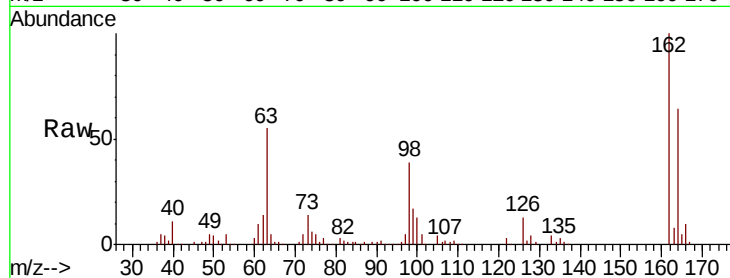




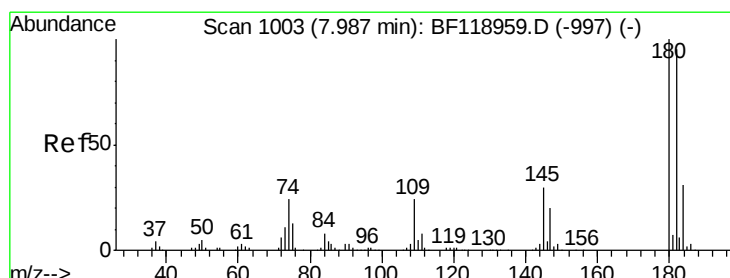
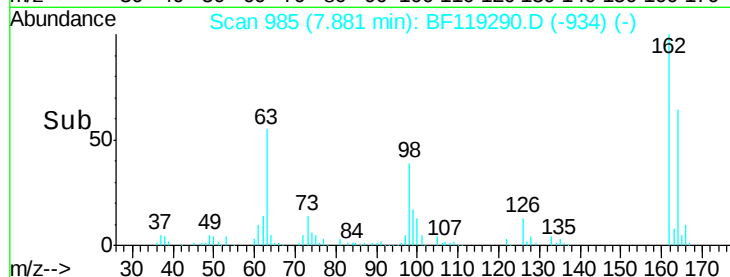
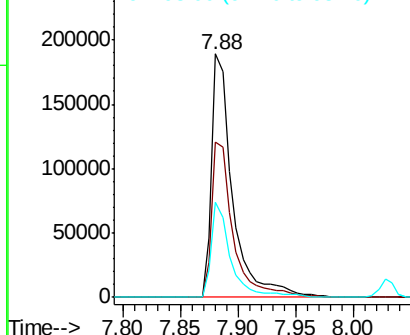
#29
2,4-Dichlorophenol
Concen: 40.297 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 239200
Ion Ratio Lower Upper
162 100
164 63.9 45.2 85.2
98 38.9 17.4 57.4

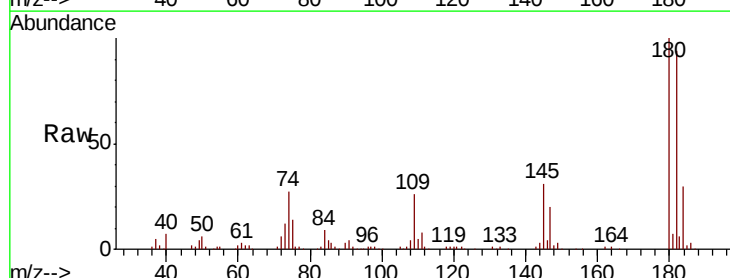


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

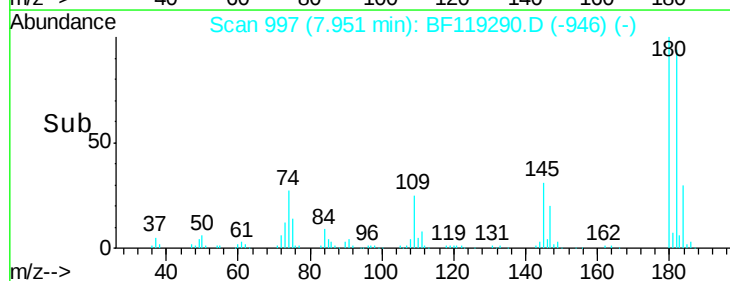
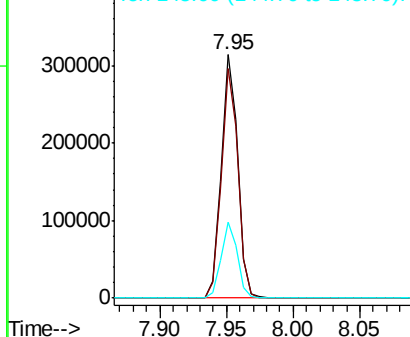


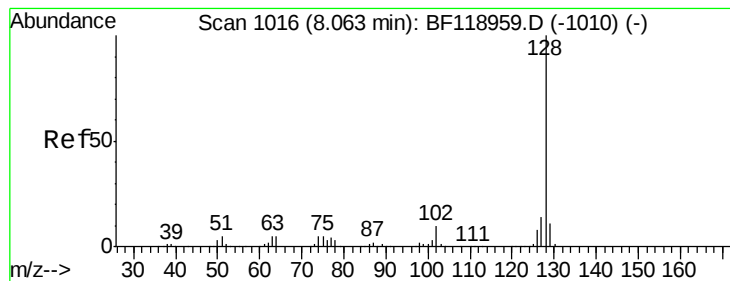
#30
1,2,4-Trichlorobenzene
Concen: 39.145 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:180 Resp: 275500
Ion Ratio Lower Upper
180 100
182 94.2 77.8 116.6
145 31.4 25.2 37.8



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





#31

Naphthalene

Concen: 40.456 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampled :

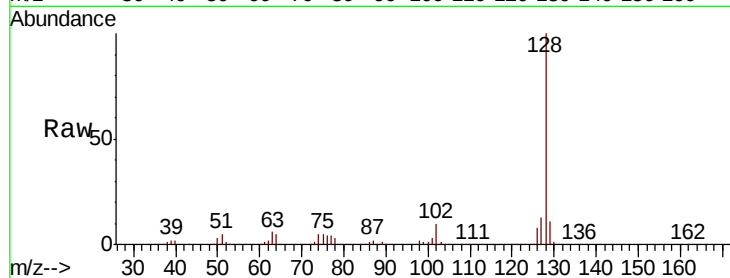
Tot Ion:128 Resp: 785495

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

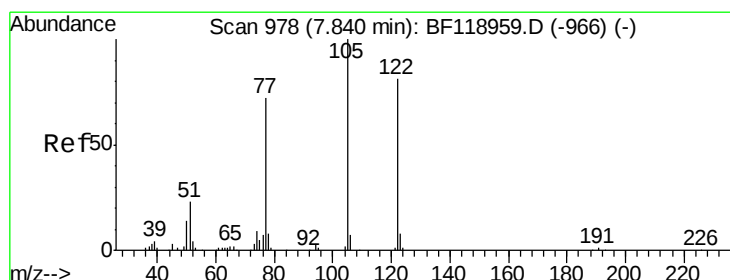
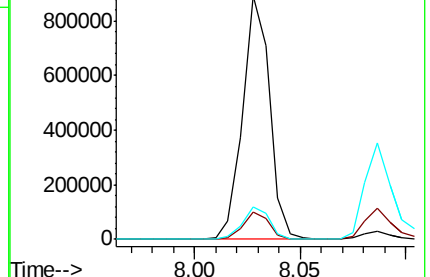
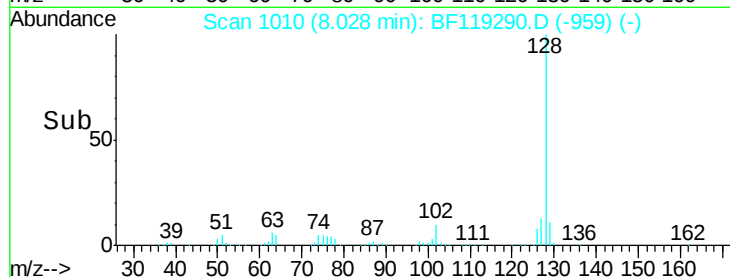
127 13.2 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.607 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

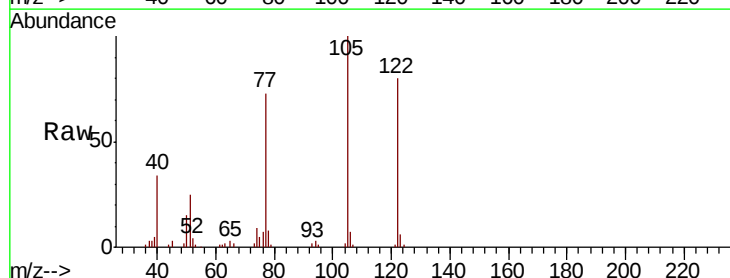
Tgt Ion:122 Resp: 123631

Ion Ratio Lower Upper

122 100

105 125.7 106.3 146.3

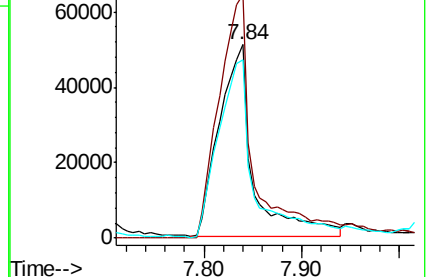
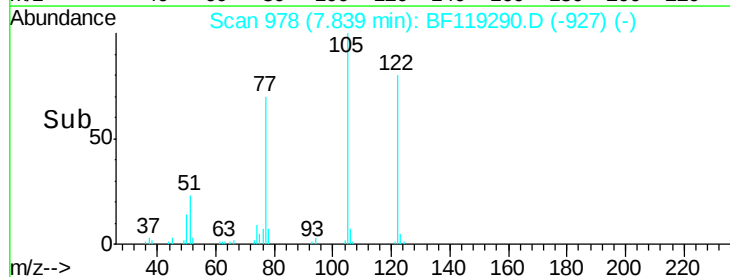
77 92.2 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

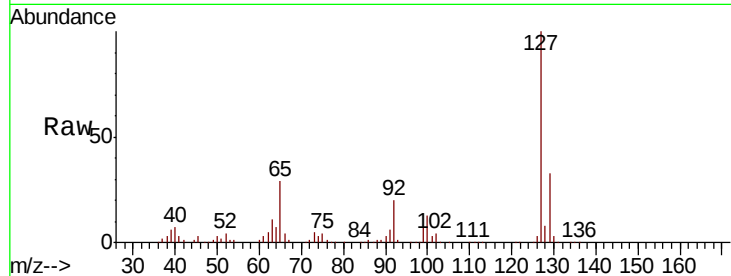




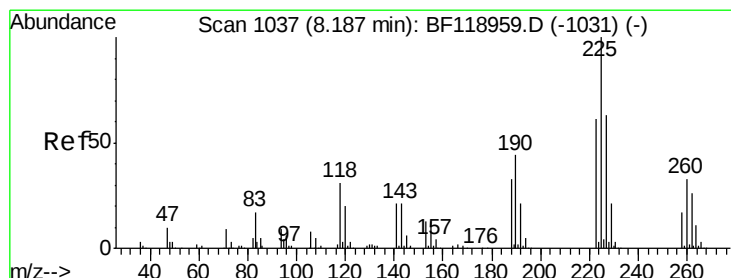
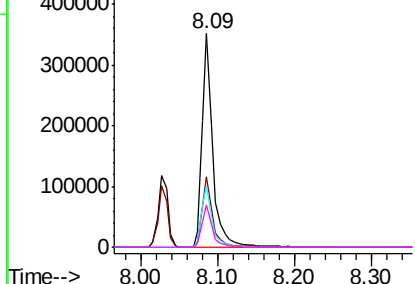
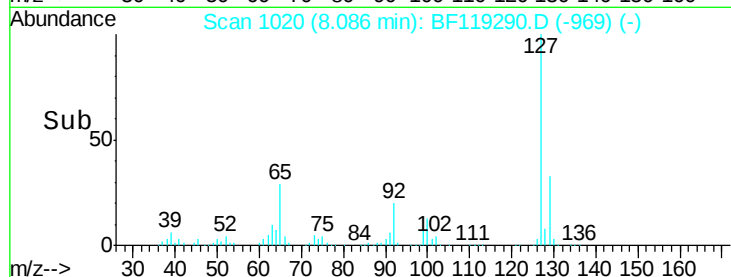
#33
4-Chloroaniline
Concen: 41.473 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	346344
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.8	23.9	35.9
92	19.5	16.3	24.5

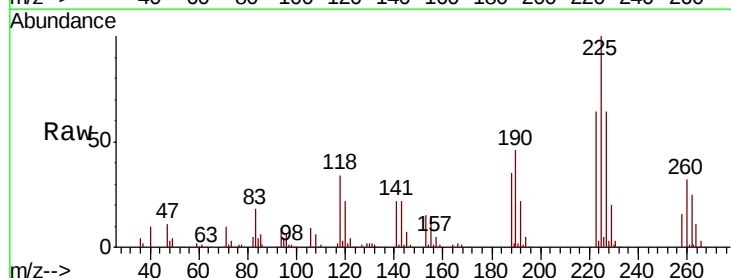


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

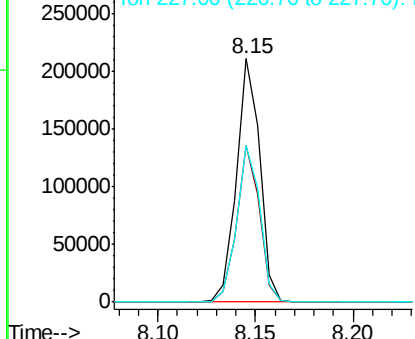
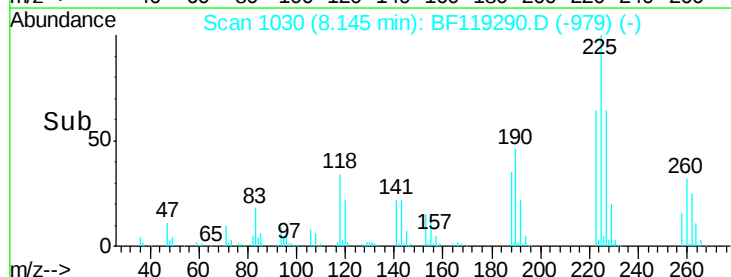


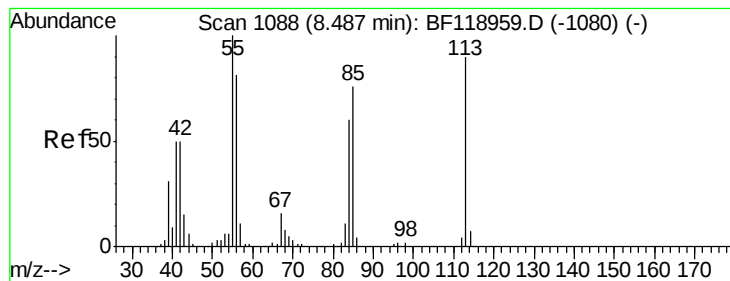
#34
Hexachlorobutadiene
Concen: 39.887 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:	225	Resp:	174860
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.2
227	64.4	52.9	79.3



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: 29.108 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

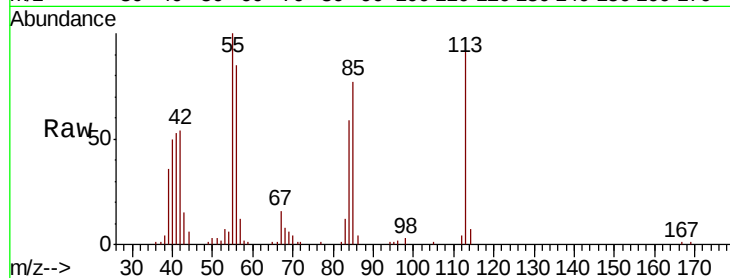
Tot Ion:113 Resp: 53203

Ion Ratio Lower Upper

113 100

55 109.3 95.7 135.7

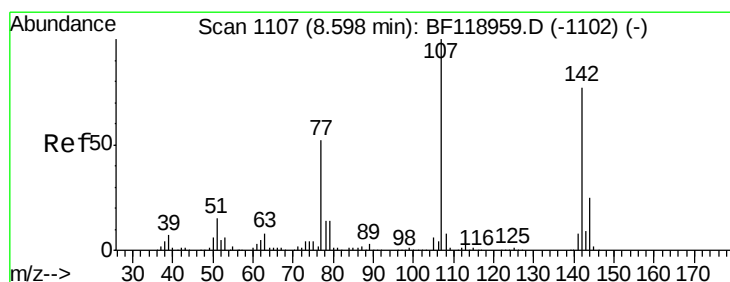
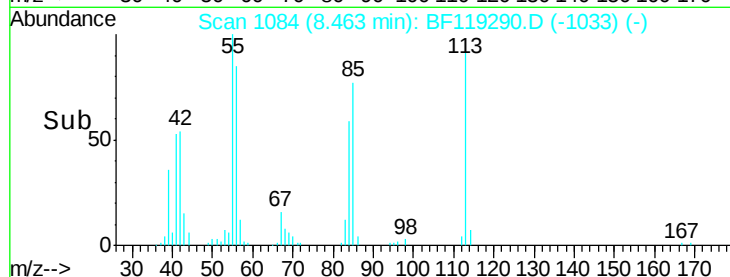
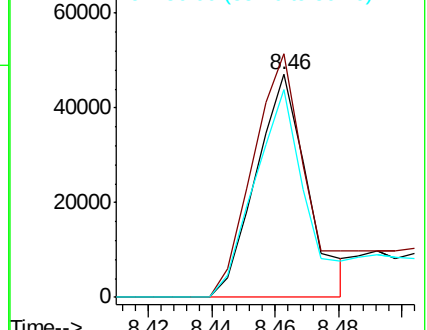
56 93.2 73.1 113.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.688 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

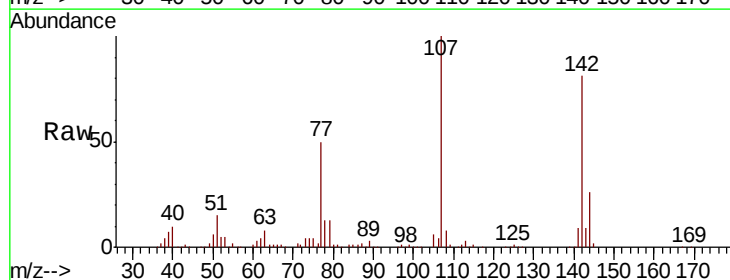
Tgt Ion:107 Resp: 256447

Ion Ratio Lower Upper

107 100

144 25.9 20.1 30.1

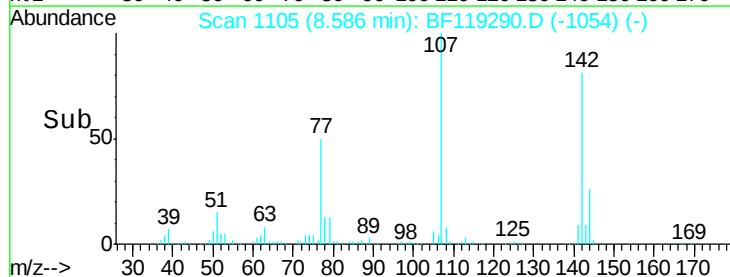
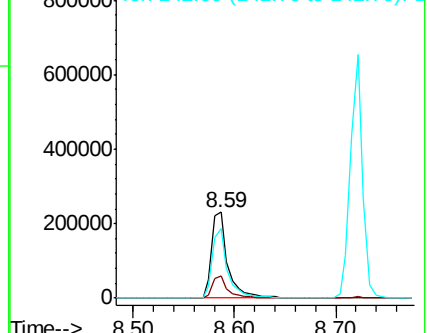
142 80.7 61.4 92.2

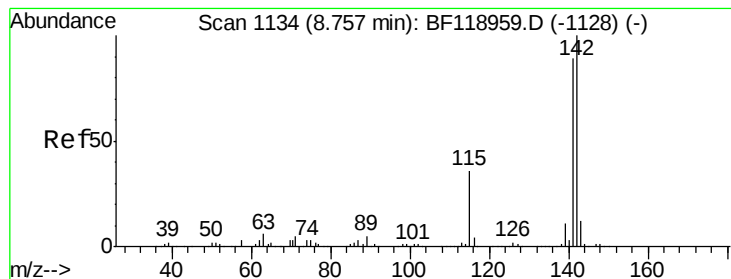


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.499 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

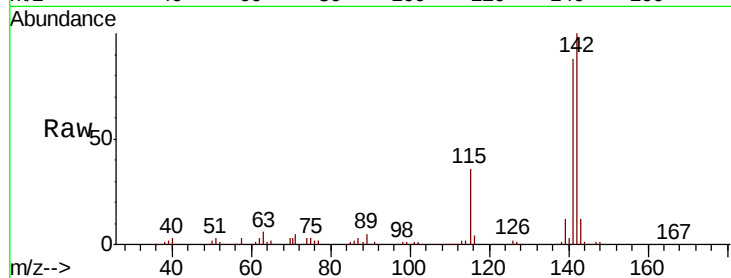
Tot Ion:142 Resp: 542243

Ion Ratio Lower Upper

142 100

141 88.2 72.3 108.5

115 35.7 30.6 45.8



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

8.72

600000

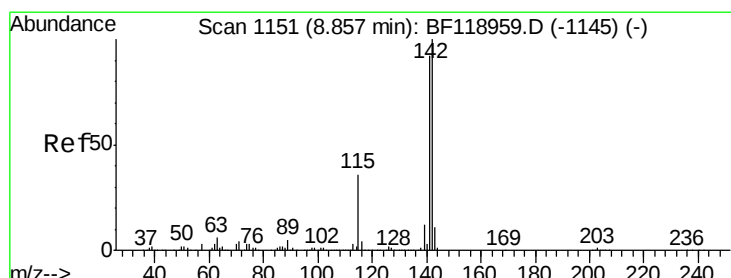
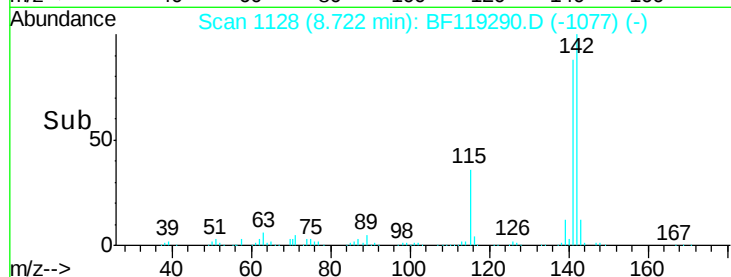
400000

200000

0

8.65 8.70 8.75 8.80

Time-->



#38

1-Methylnaphthalene

Concen: 41.359 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

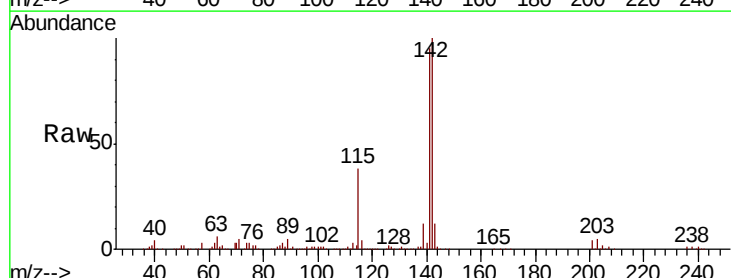
Tgt Ion:142 Resp: 508237

Ion Ratio Lower Upper

142 100

141 94.6 75.8 113.6

116 3.8 3.1 4.7



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

8.82

600000

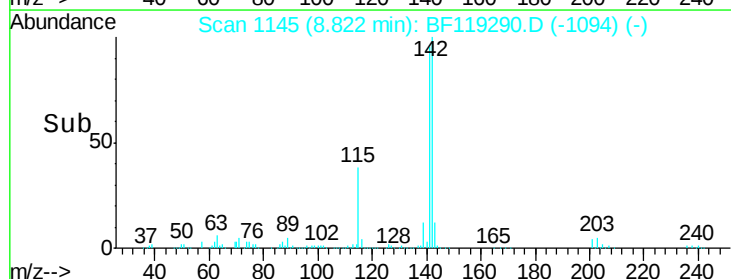
400000

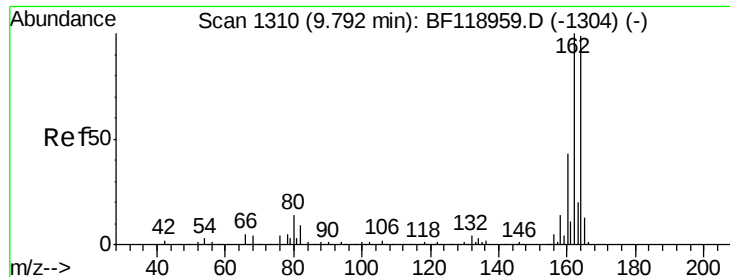
200000

0

8.75 8.80 8.85 8.90

Time-->

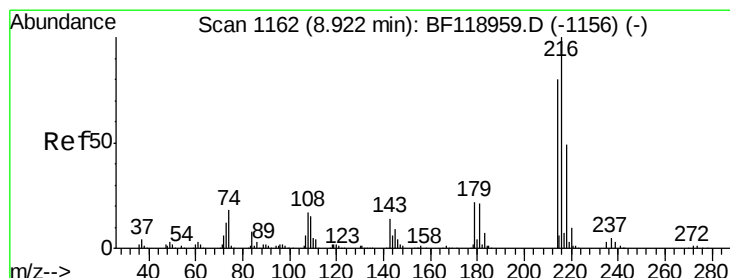
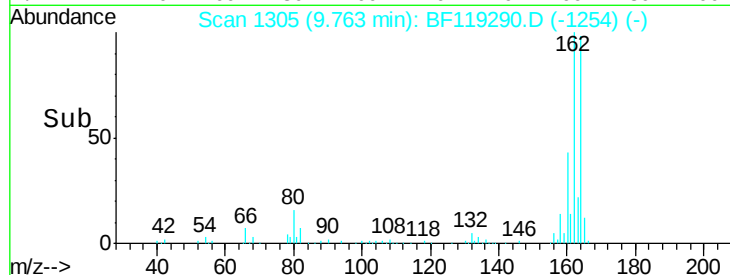
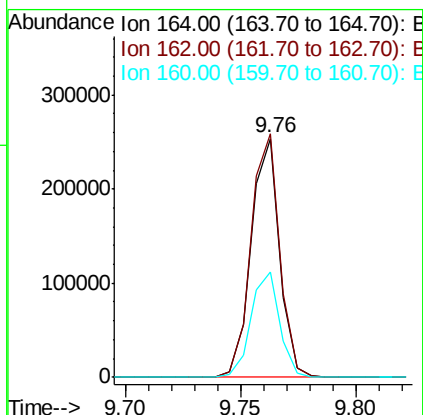
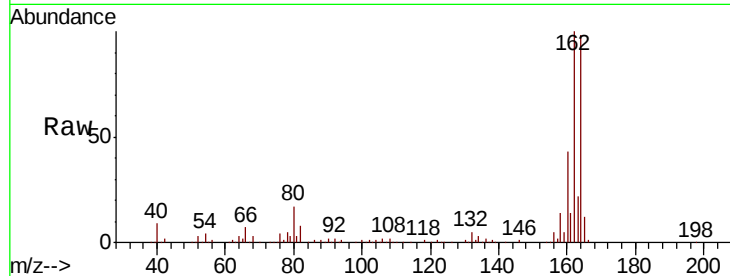




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

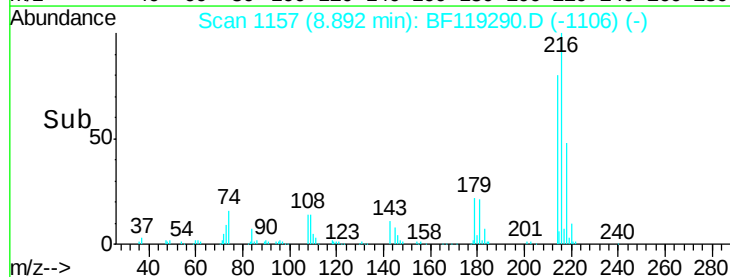
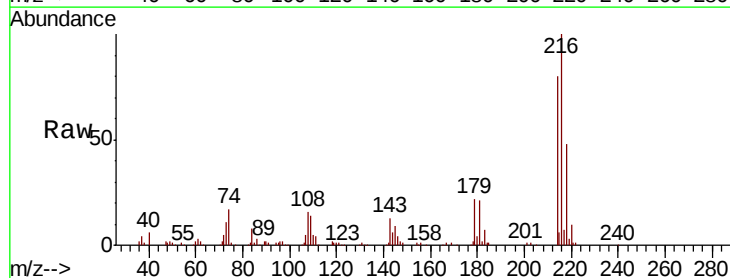
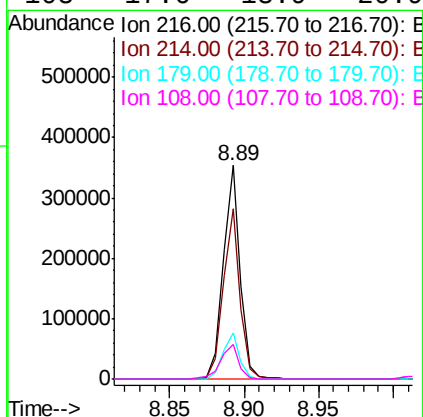
Instrument :
 BNA_F
 ClientSampleId :

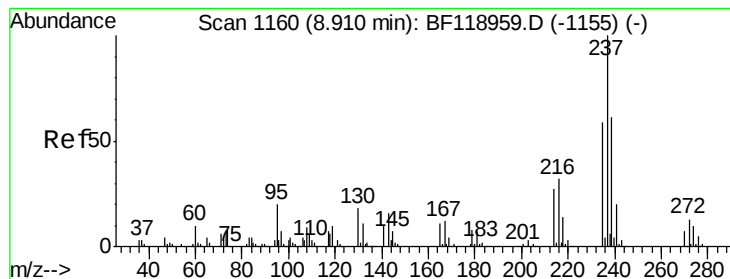
Tot Ion:164 Resp: 218004
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.8
 160 44.1 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.344 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion:216 Resp: 281833
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.3 94.9
 179 21.3 17.7 26.5
 108 17.6 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 38.797 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

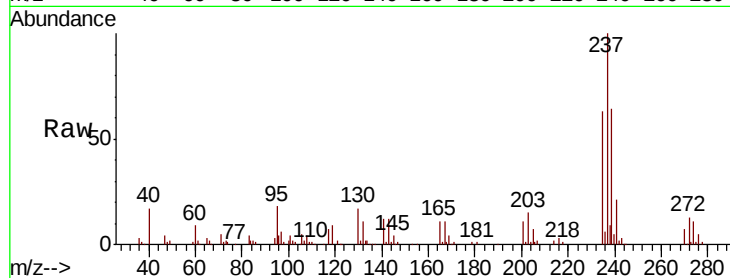
Tot Ion:237 Resp: 89132

Ion Ratio Lower Upper

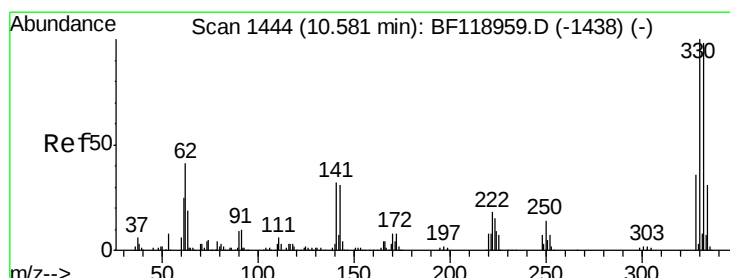
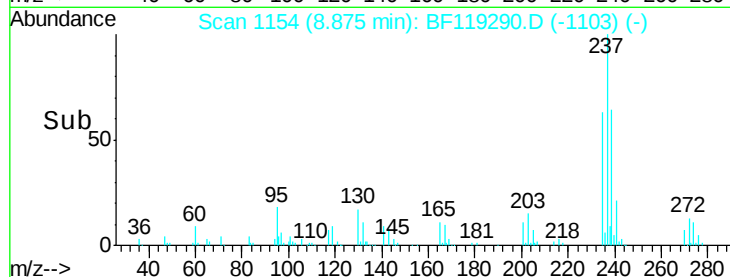
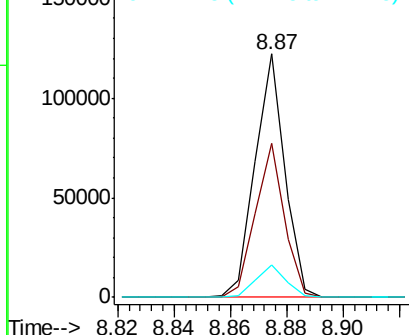
237 100

235 63.1 42.3 82.3

272 13.4 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 80.188 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

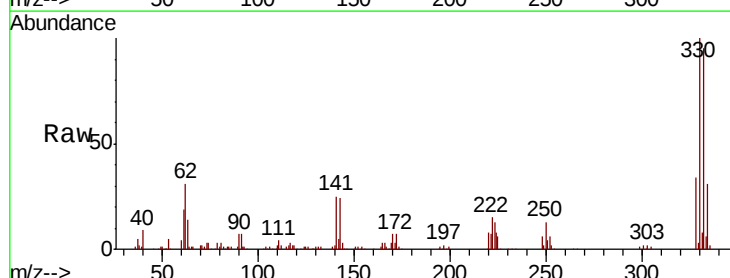
Tgt Ion:330 Resp: 228686

Ion Ratio Lower Upper

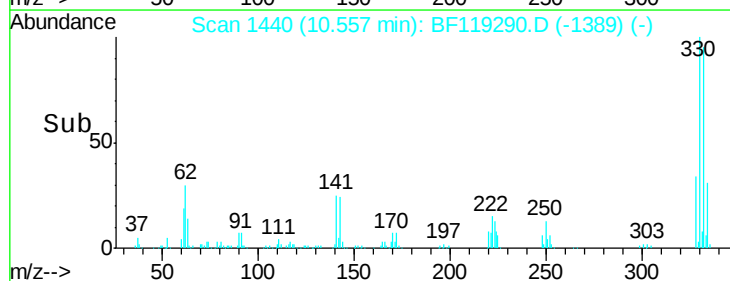
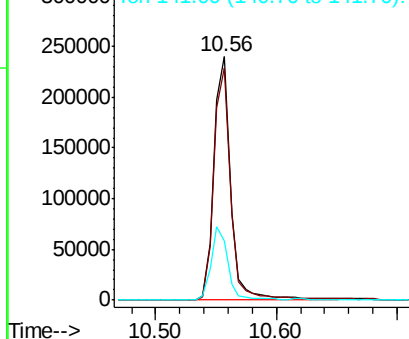
330 100

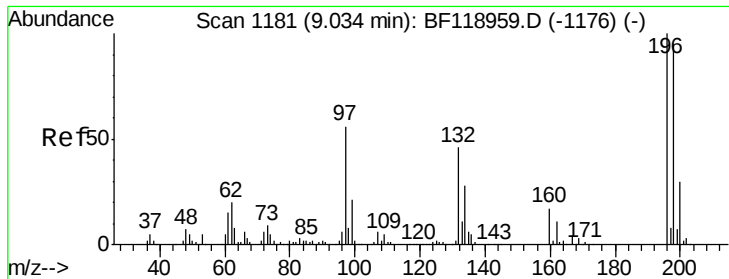
332 96.6 76.0 114.0

141 30.0 22.9 34.3



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

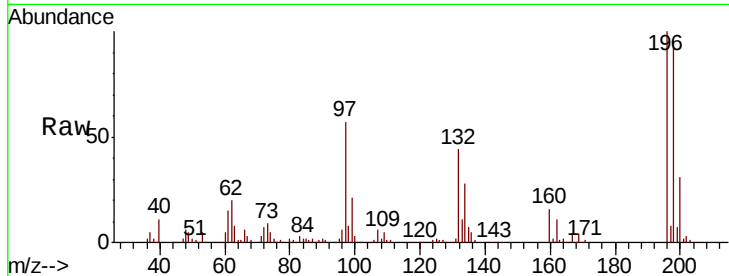




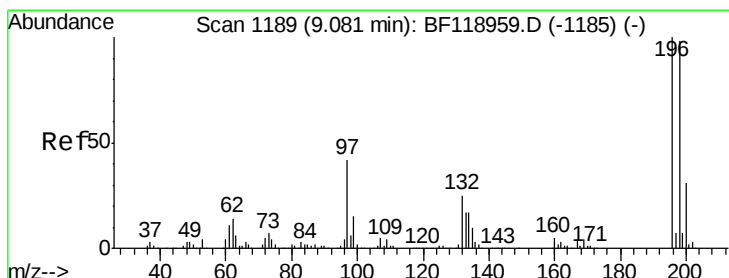
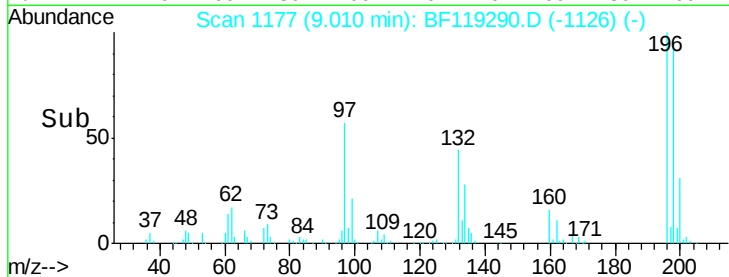
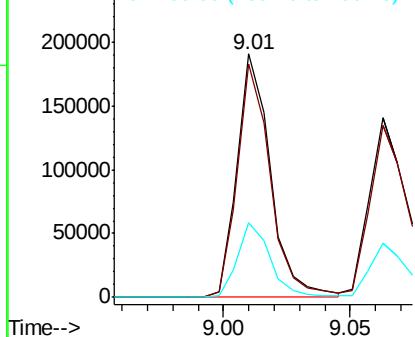
#43
 2,4,6-Trichlorophenol
 Concen: 37.588 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 174468
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.1 115.7
 200 30.9 25.0 37.6

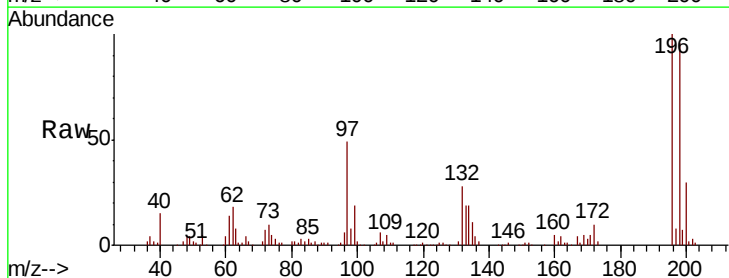


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

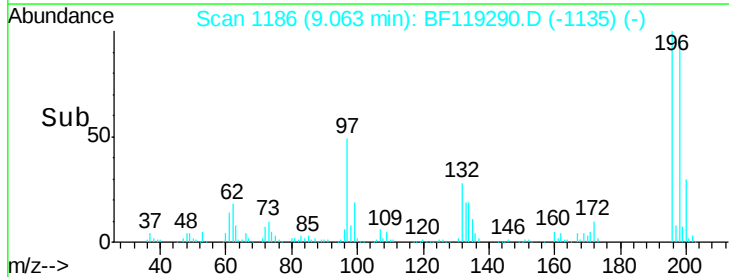
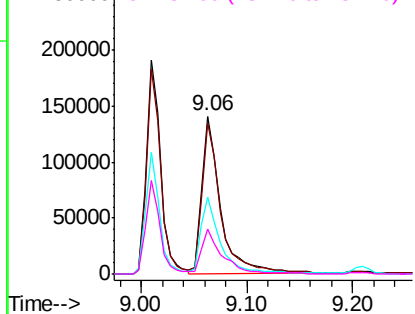


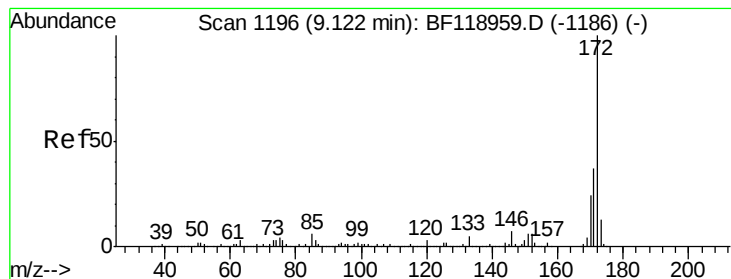
#44
 2,4,5-Trichlorophenol
 Concen: 35.010 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion:196 Resp: 170523
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 48.7 38.5 57.7
 132 28.4 22.2 33.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.358 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

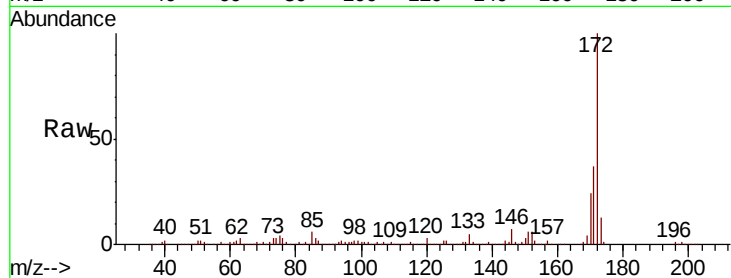
Tot Ion:172 Resp: 1174356

Ion Ratio Lower Upper

172 100

171 36.8 30.6 45.8

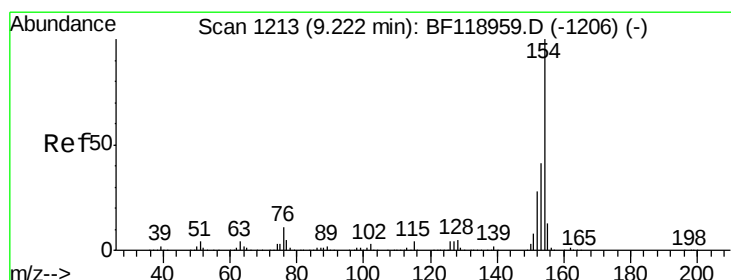
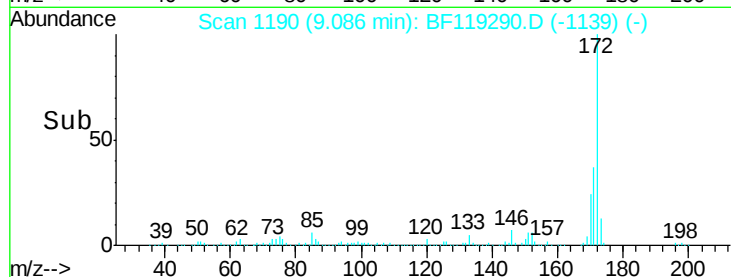
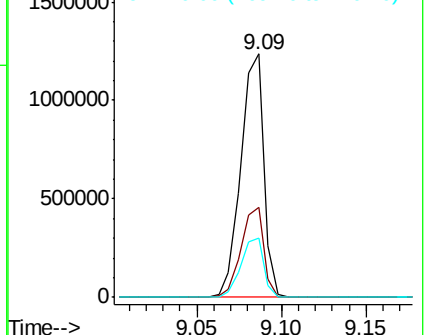
170 24.2 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.019 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

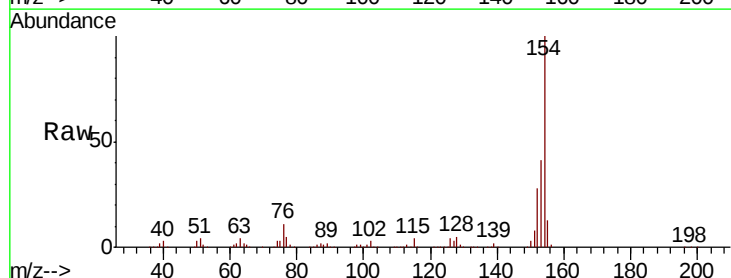
Tgt Ion:154 Resp: 705098

Ion Ratio Lower Upper

154 100

153 41.3 22.8 62.8

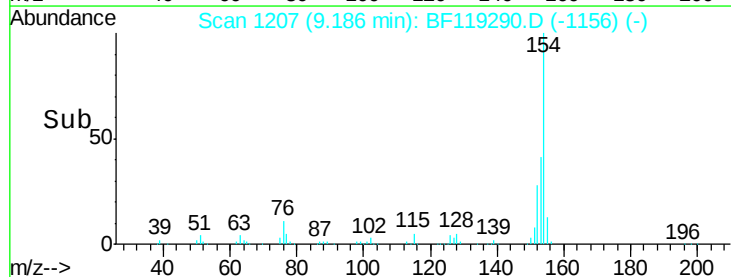
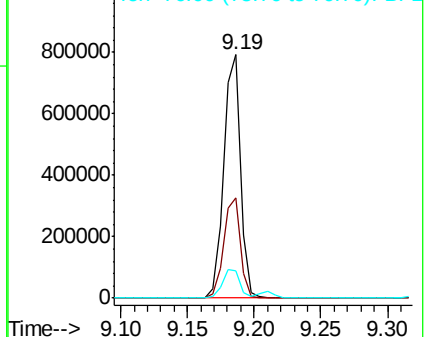
76 11.1 0.0 32.2

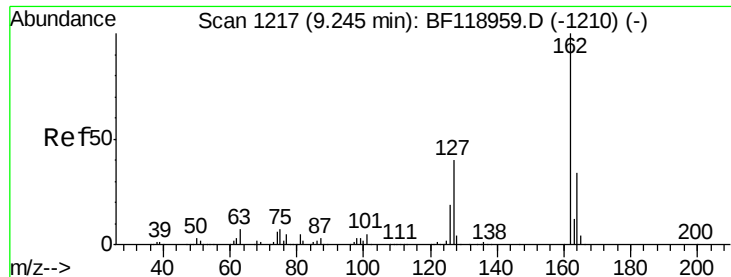


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

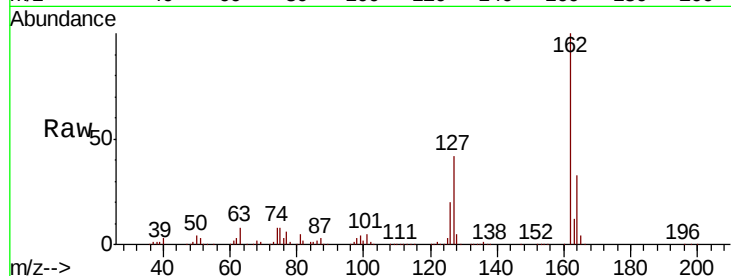




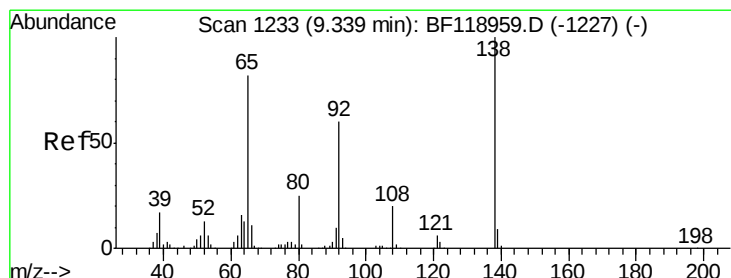
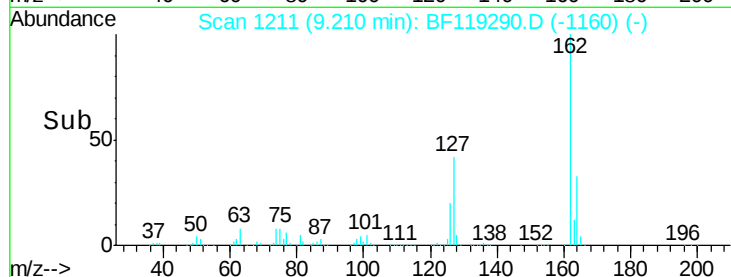
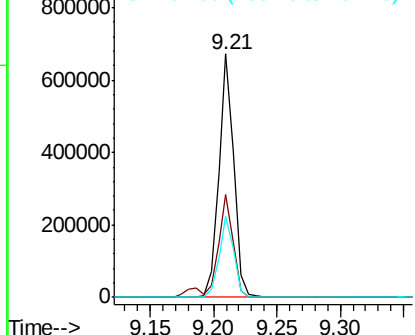
#47
2-Chloronaphthalene
Concen: 39.420 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	33.2	27.2	40.8

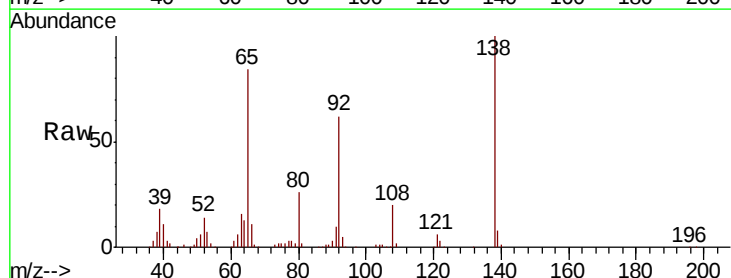


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

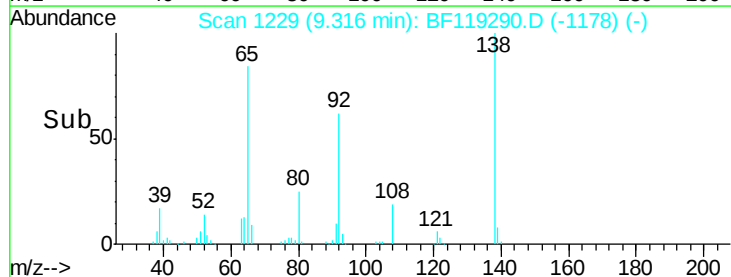
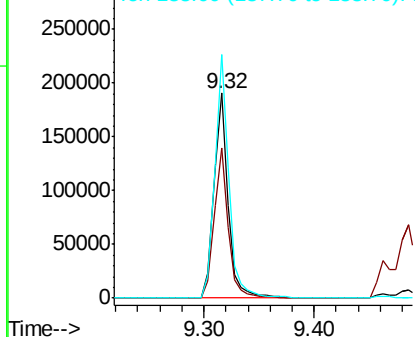


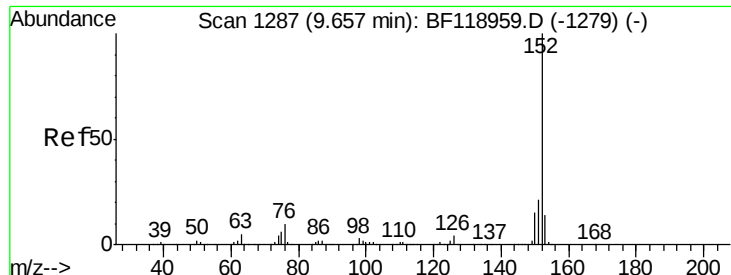
#48
2-Nitroaniline
Concen: 42.354 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.2	87.2
138	118.9	95.6	143.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.026 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

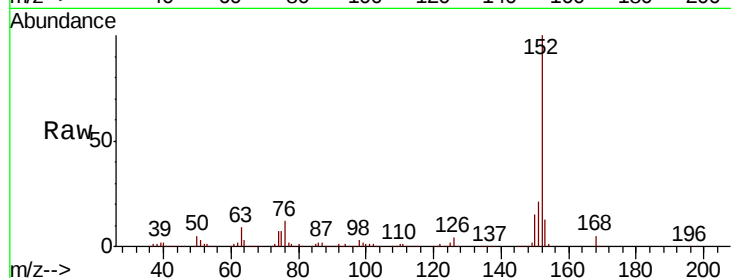
Tot Ion:152 Resp: 820802

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

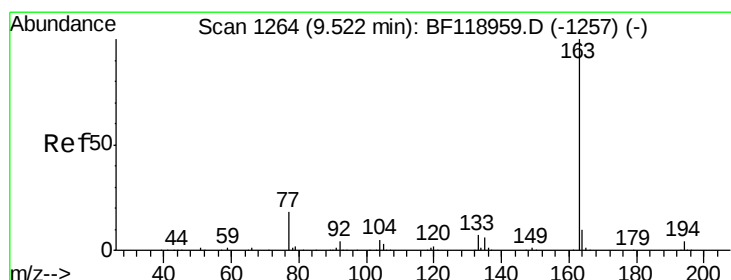
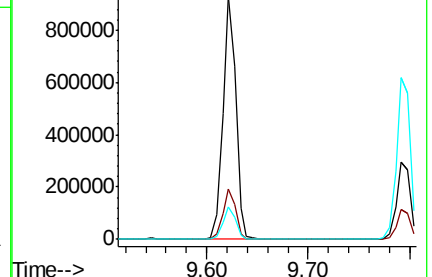
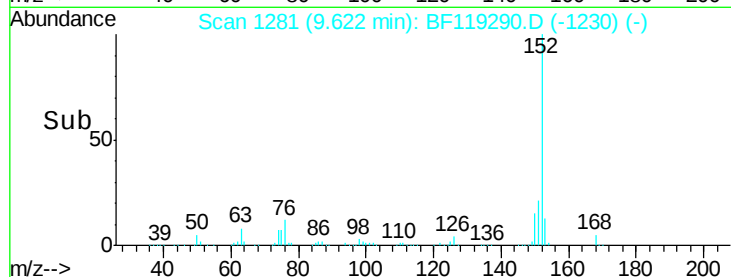
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.615 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

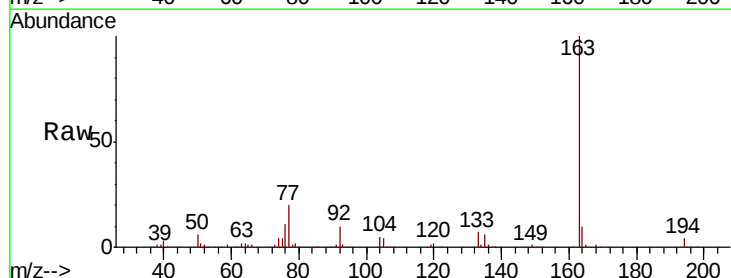
Tgt Ion:163 Resp: 677072

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

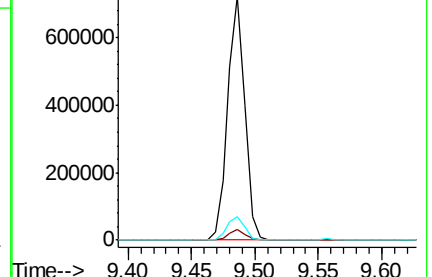
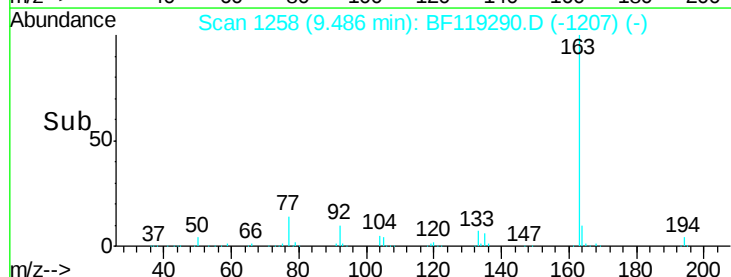
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

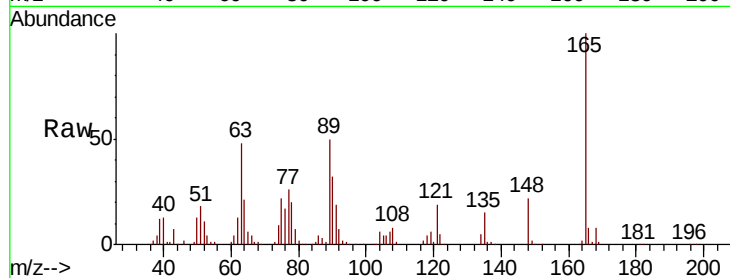




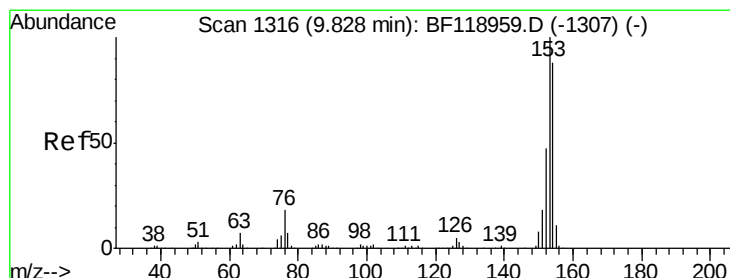
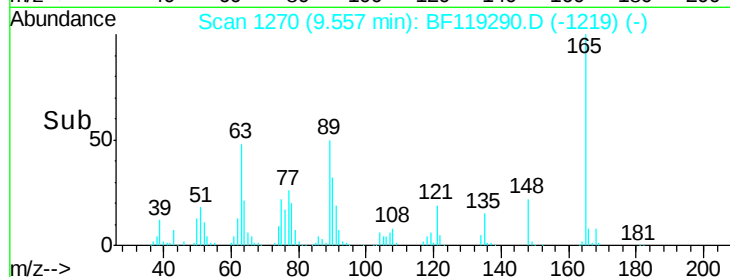
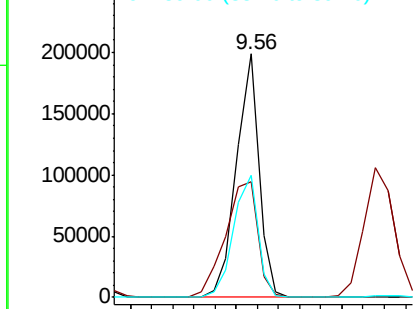
#51
 2,6-Dinitrotoluene
 Concen: 39.731 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 147152
 Ion Ratio Lower Upper
 165 100
 63 47.5 34.3 51.5
 89 50.0 38.3 57.5

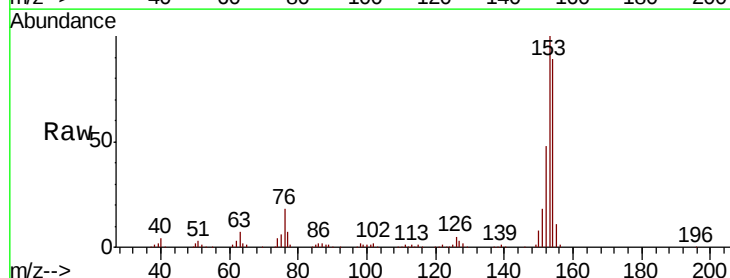


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

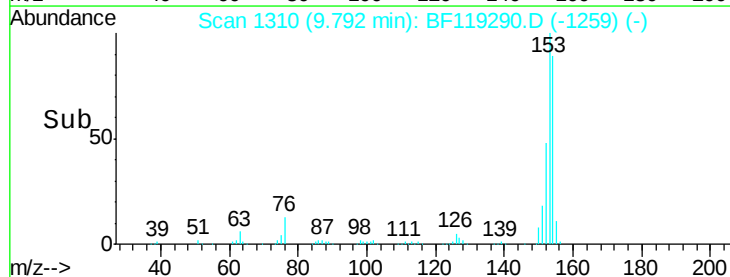
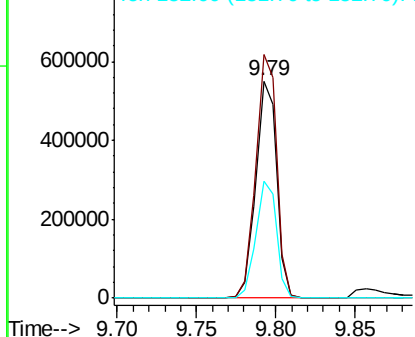


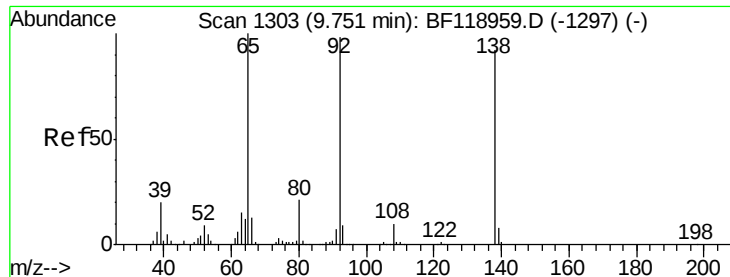
#52
 Acenaphthene
 Concen: 40.805 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion:154 Resp: 504567
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.3 135.5
 152 53.9 43.8 65.8



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

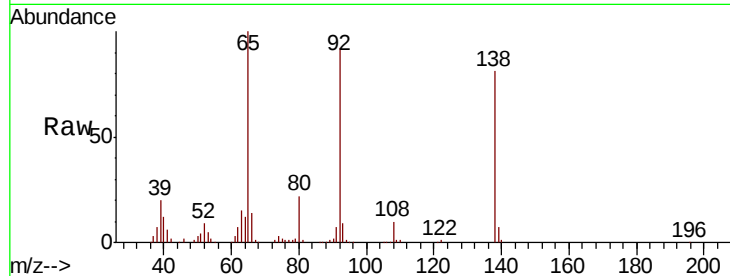




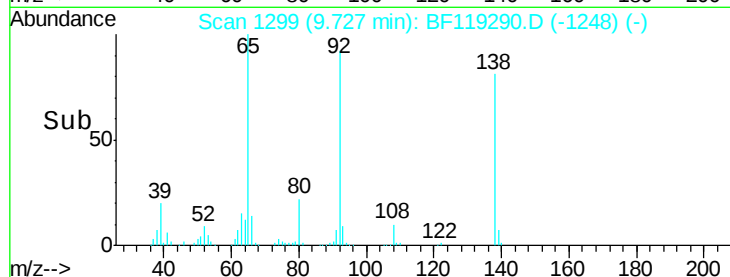
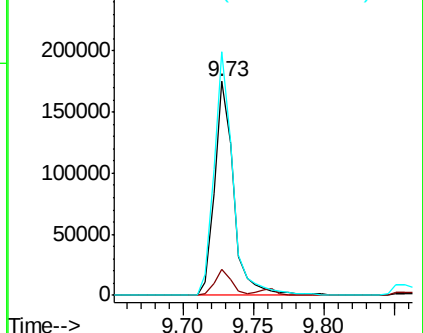
#53
3-Nitroaniline
Concen: 40.068 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 164519
Ion Ratio Lower Upper
138 100
108 12.0 8.8 13.2
92 113.8 84.8 127.2

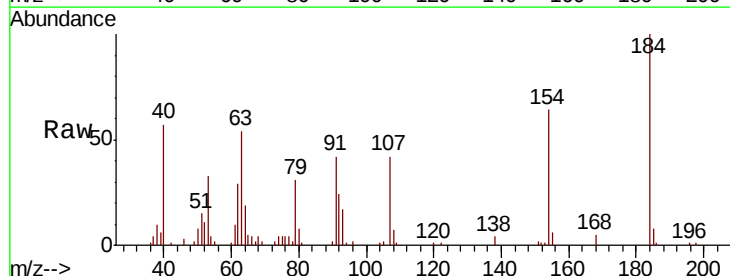


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

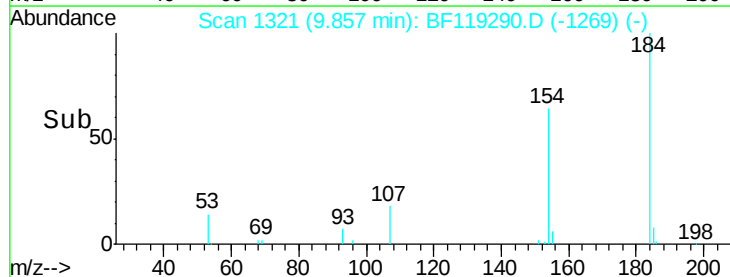
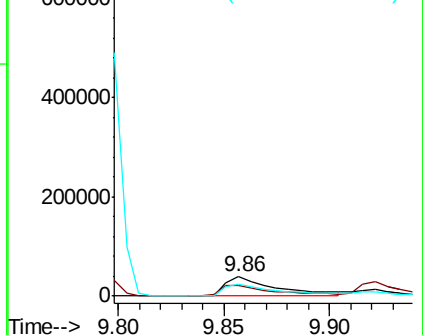


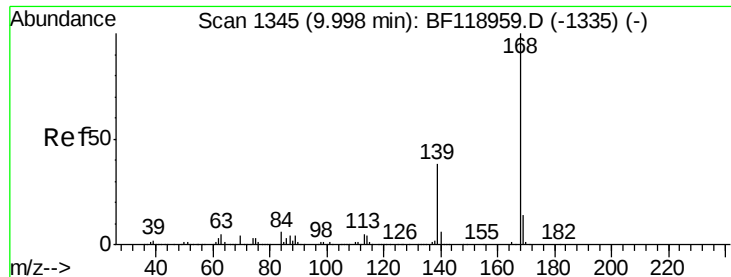
#54
2,4-Dinitrophenol
Concen: 40.631 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:184 Resp: 65835
Ion Ratio Lower Upper
184 100
63 54.2 38.7 58.1
154 64.2 49.7 74.5



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

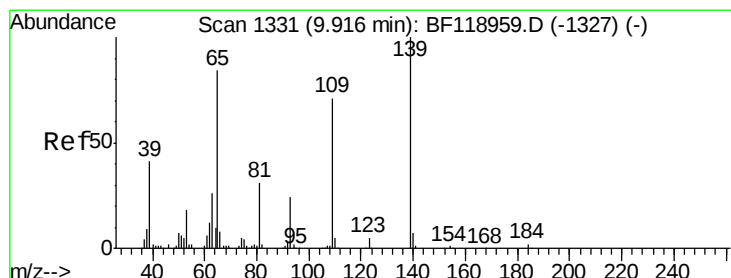
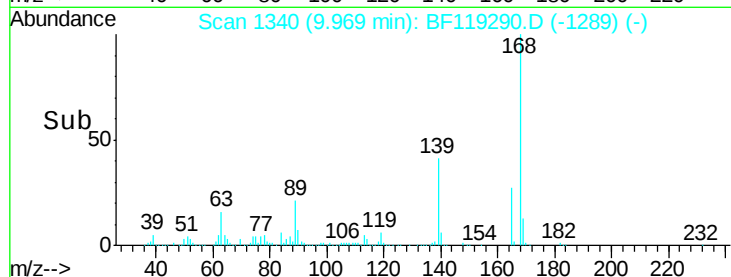
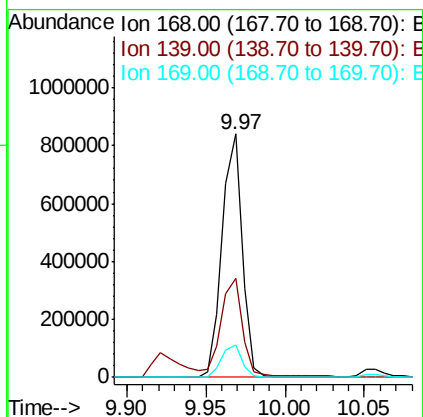
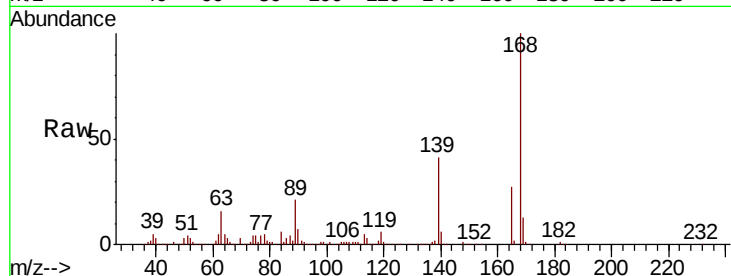




#55
Dibenzofuran
Concen: 40.184 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

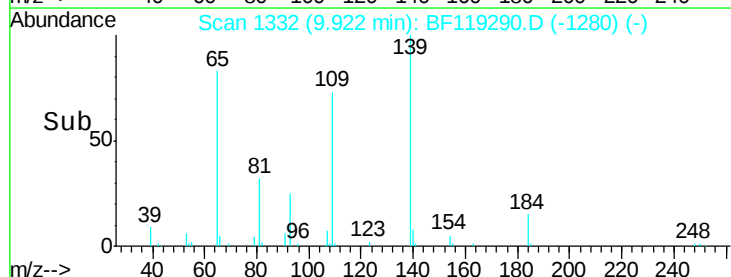
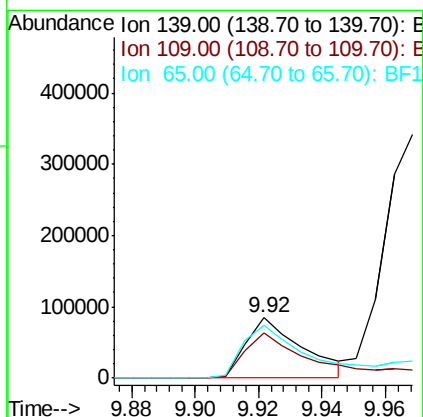
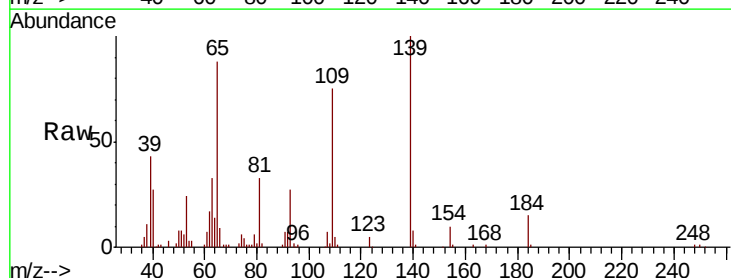
Instrument :
BNA_F
ClientSampleId :

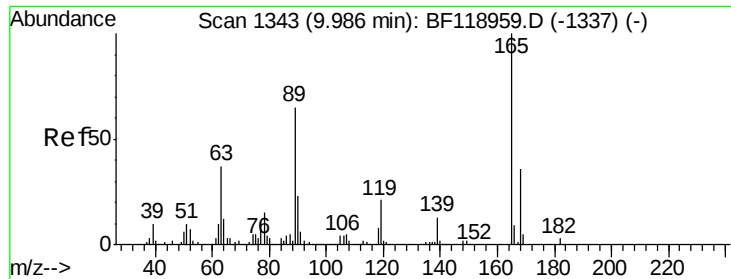
Tot Ion:168 Resp: 741642
Ion Ratio Lower Upper
168 100
139 40.6 34.0 51.0
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 42.025 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:139 Resp: 103672
Ion Ratio Lower Upper
139 100
109 74.5 56.7 96.7
65 88.3 65.0 105.0

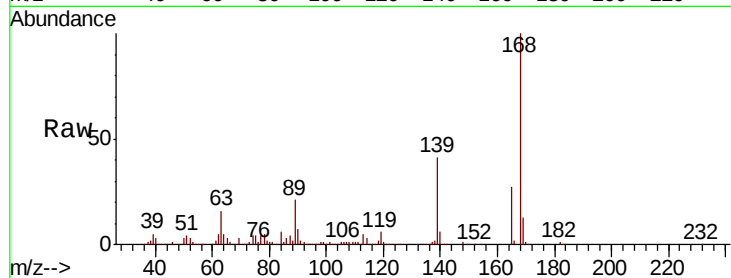




#57
 2,4-Dinitrotoluene
 Concen: 40.679 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	42.3	63.5
89	77.6	60.2	90.4
182	2.9	2.3	3.5

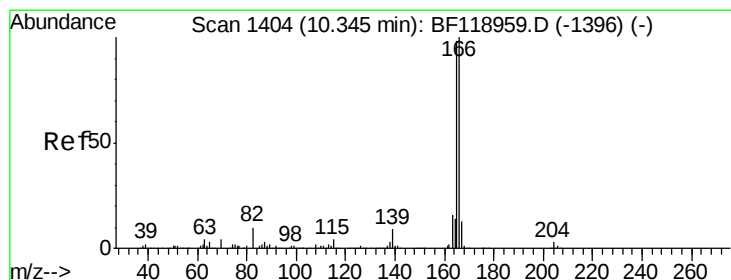
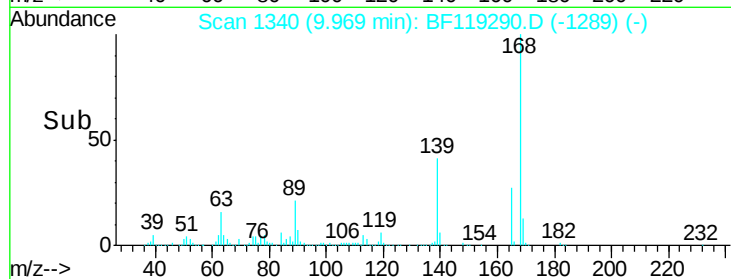
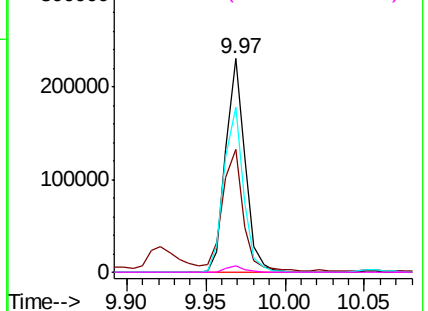


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

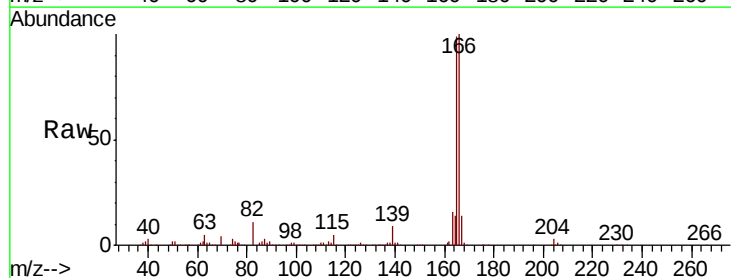
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.564 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

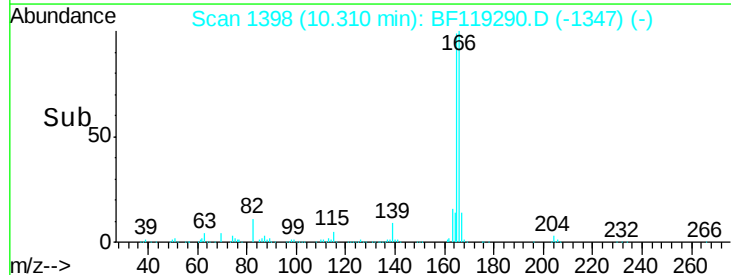
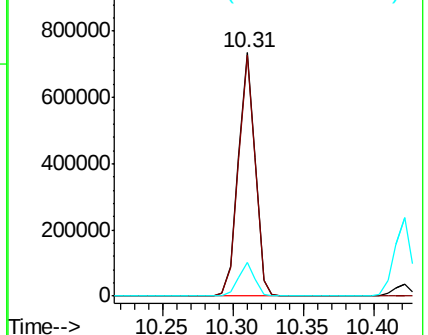
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.5	117.7
167	13.7	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

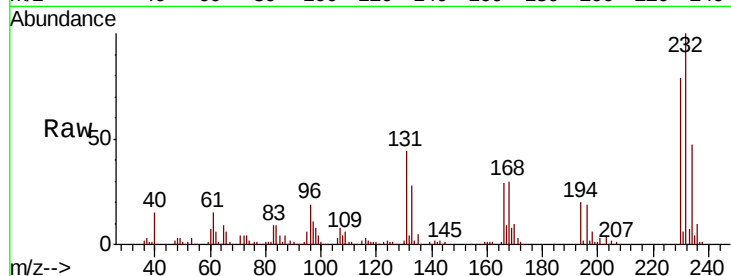




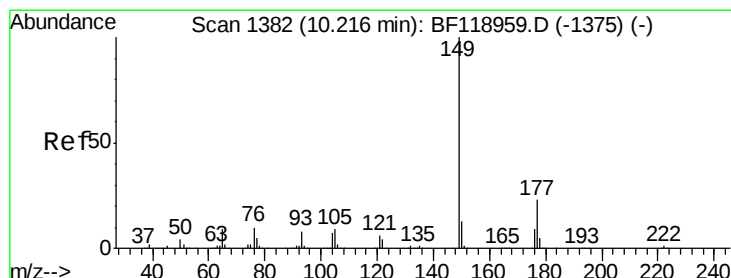
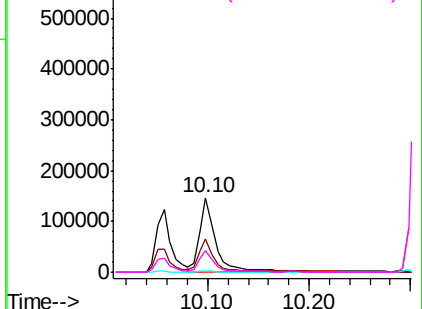
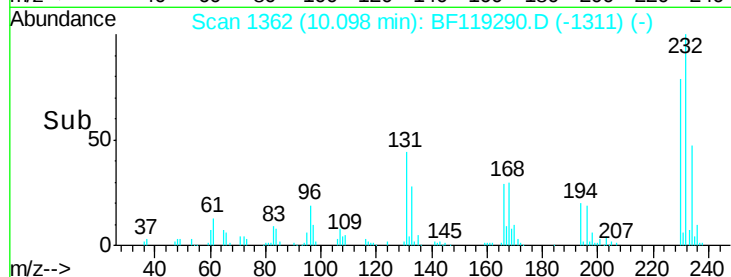
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.765 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 159321
 Ion Ratio Lower Upper
 232 100
 131 43.0 33.8 50.8
 130 2.2 1.8 2.6
 166 27.7 23.0 34.4

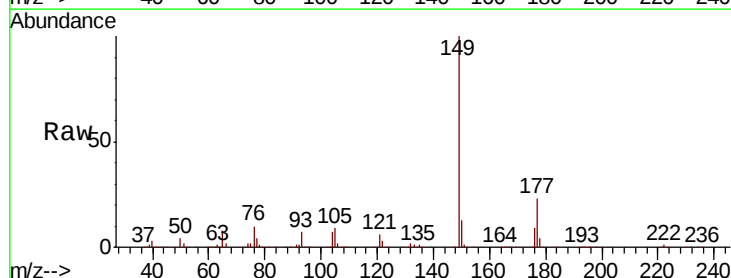


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

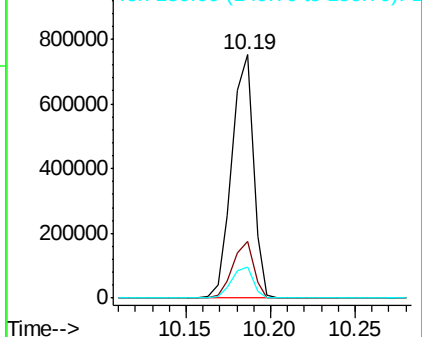
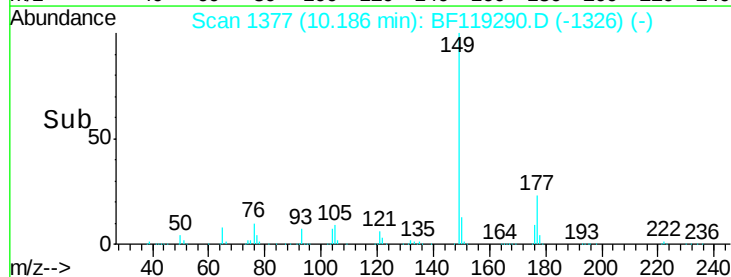


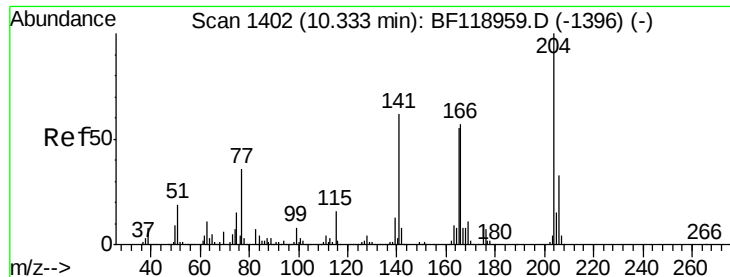
#60
 Diethylphthalate
 Concen: 42.751 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion:149 Resp: 671611
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.2 27.2
 150 12.7 10.5 15.7



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

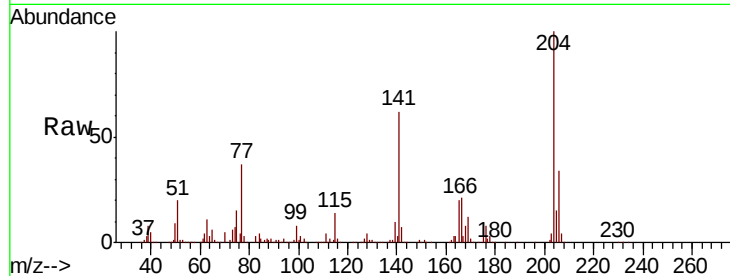




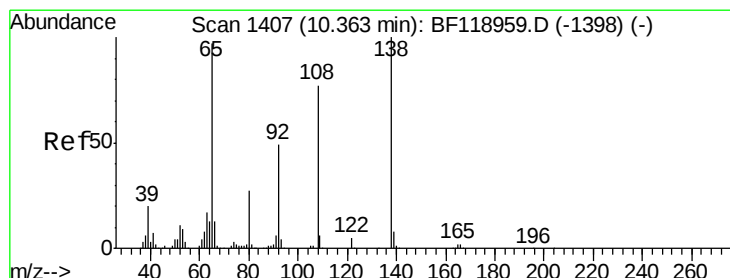
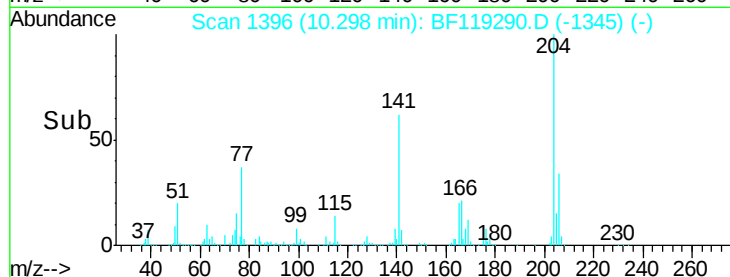
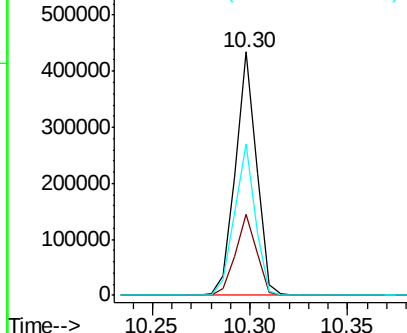
#61
4-Chlorophenyl-phenylether
Concen: 43.019 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 326570
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 62.1 52.9 79.3

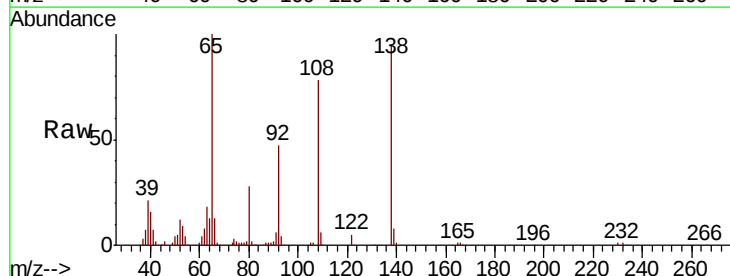


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

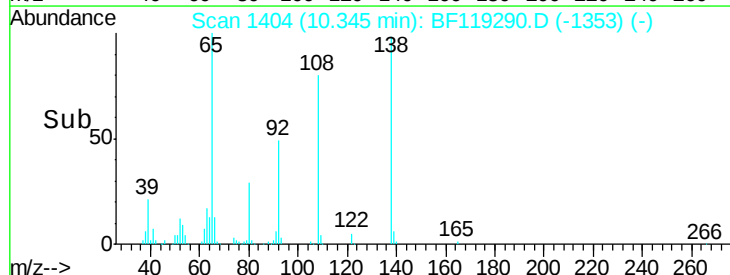
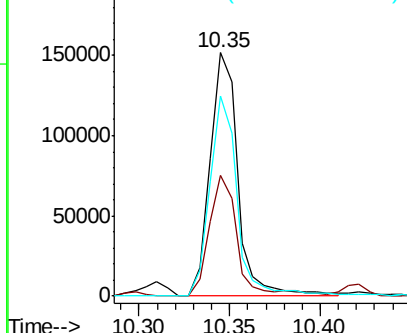


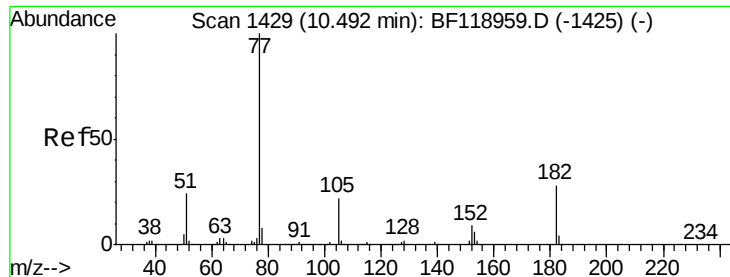
#62
4-Nitroaniline
Concen: 38.710 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:138 Resp: 162616
Ion Ratio Lower Upper
138 100
92 49.8 27.3 67.3
108 82.4 57.0 97.0



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

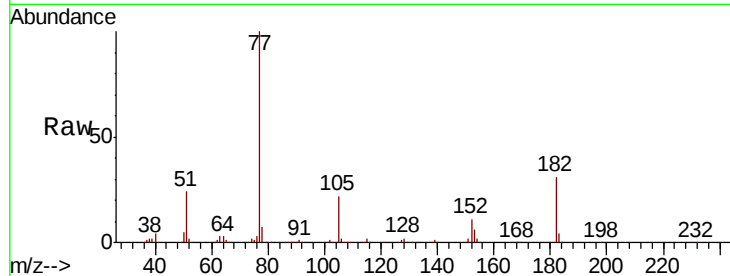




#63
Azobenzene
Concen: 43.205 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	11.4	51.4
105	22.3	3.4	43.4
51	23.5	5.1	45.1



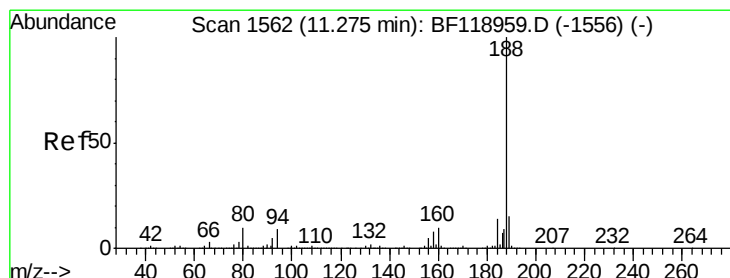
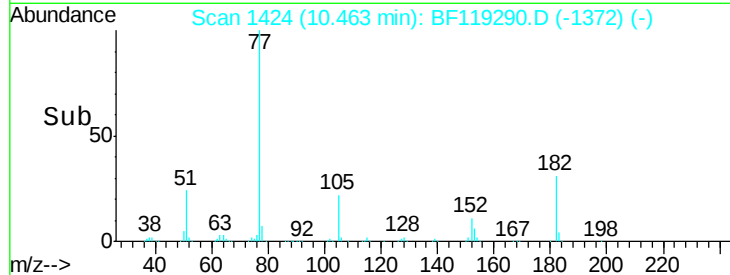
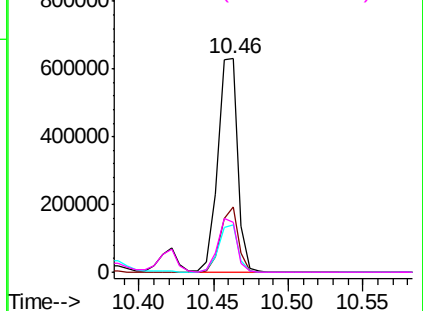
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

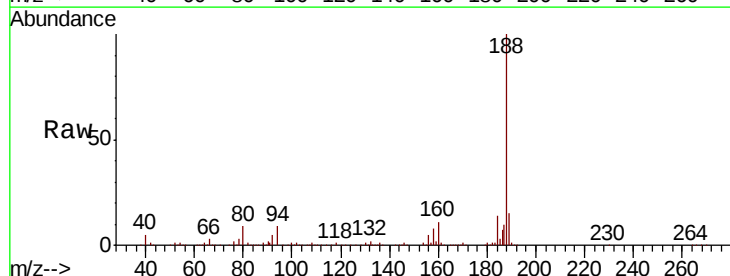
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.4	7.8	11.8

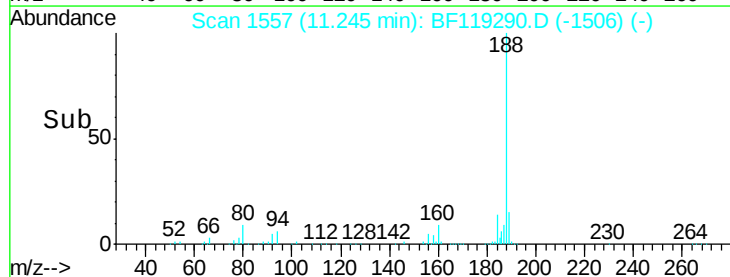
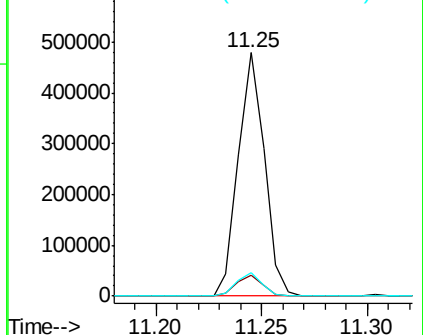


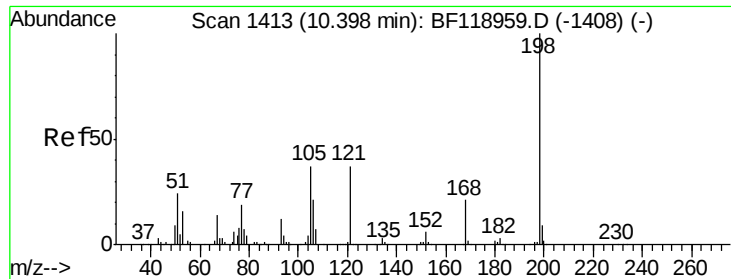
Abundance

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

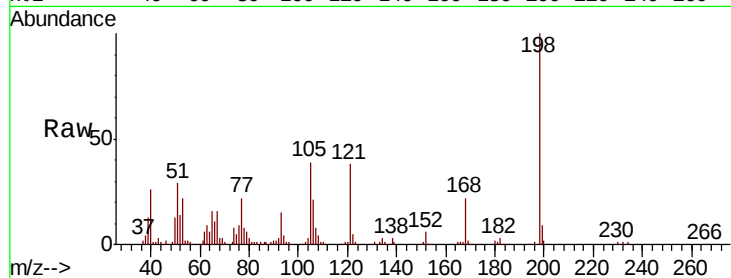




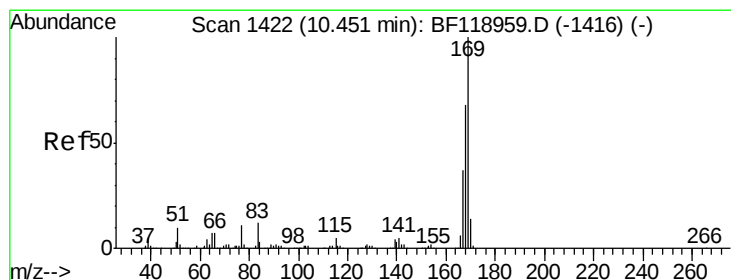
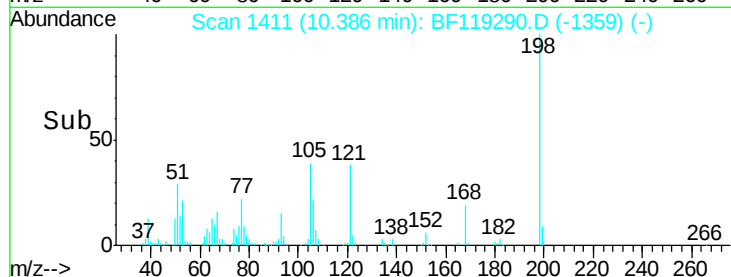
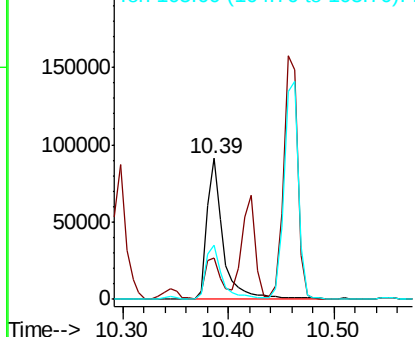
#65
4,6-Dinitro-2-methylphenol
Concen: 39.015 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 97234
Ion Ratio Lower Upper
198 100
51 29.2 14.2 54.2
105 39.0 22.7 62.7

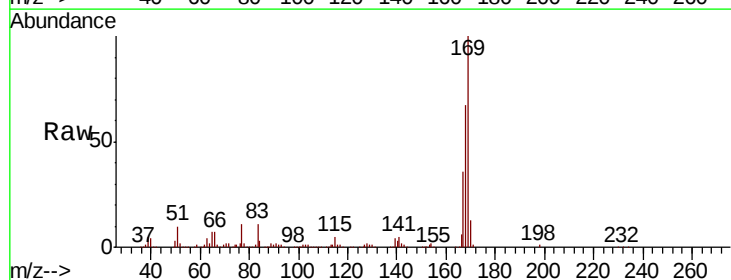


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

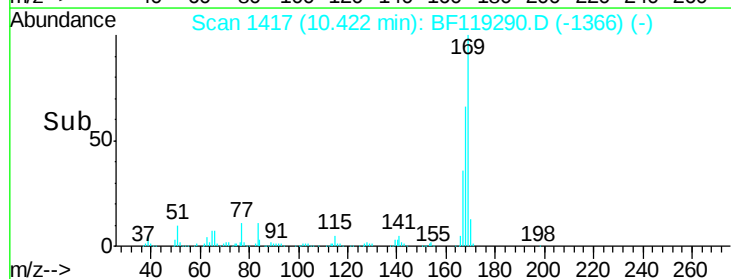
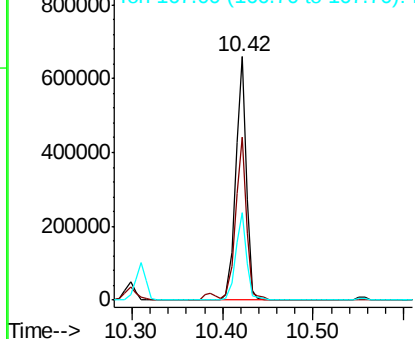


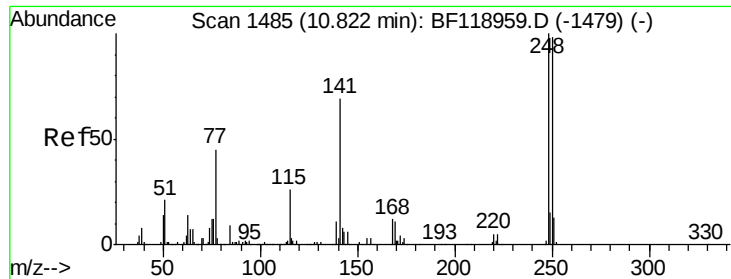
#66
n-Nitrosodiphenylamine
Concen: 40.598 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:169 Resp: 547500
Ion Ratio Lower Upper
169 100
168 66.7 54.1 81.1
167 35.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

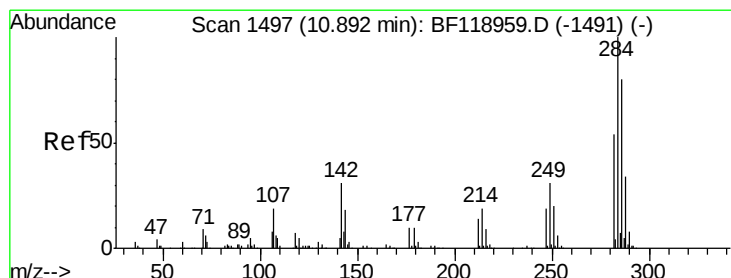
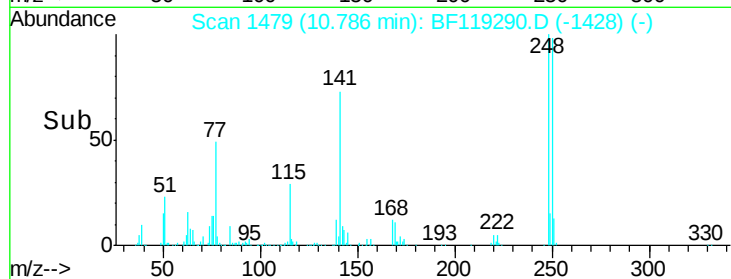
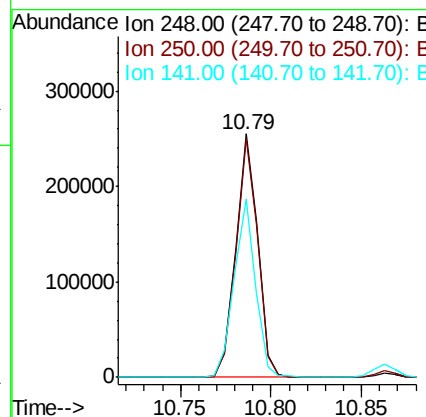
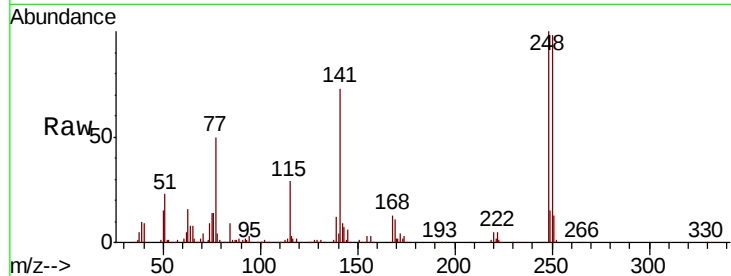




#67
4-Bromophenyl-phenylether
Concen: 40.010 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

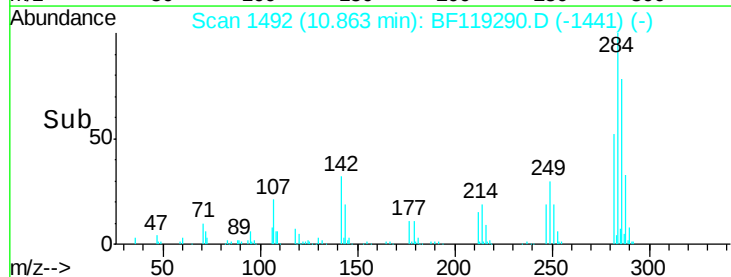
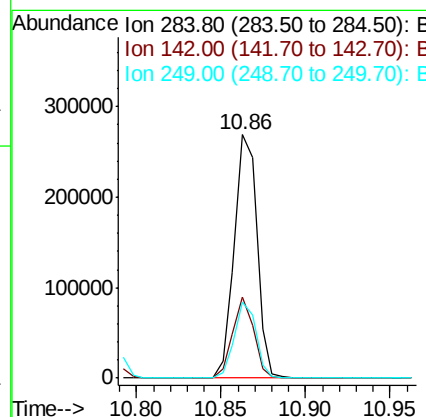
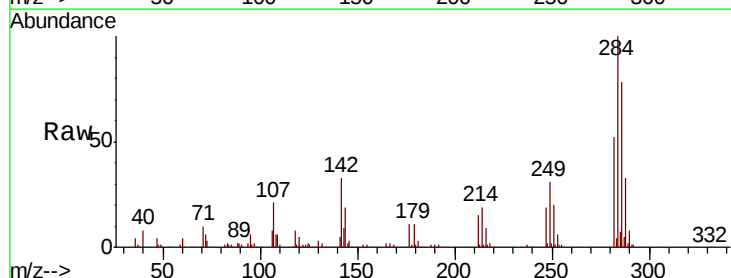
Instrument :
BNA_F
ClientSampleId :

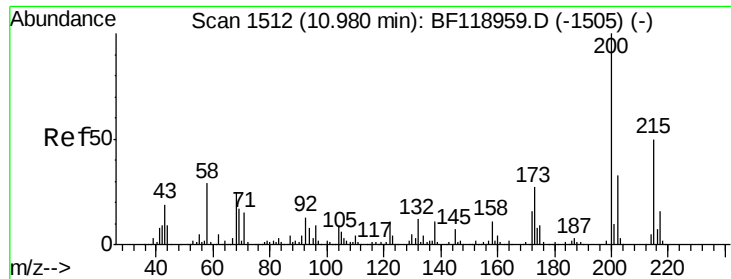
Tot Ion:248 Resp: 215395
Ion Ratio Lower Upper
248 100
250 97.8 76.7 115.1
141 73.3 60.7 91.1



#68
Hexachlorobenzene
Concen: 40.458 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:284 Resp: 251120
Ion Ratio Lower Upper
284 100
142 33.1 23.7 35.5
249 31.0 25.0 37.6





#69

Atrazine

Concen: 36.646 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

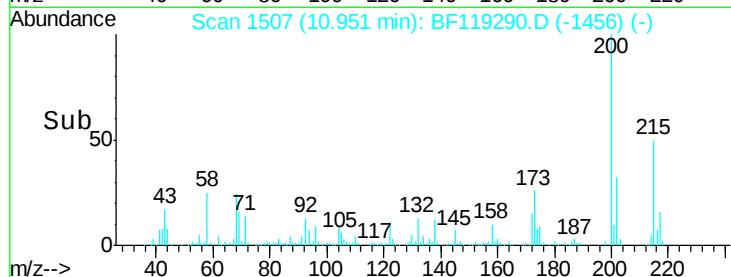
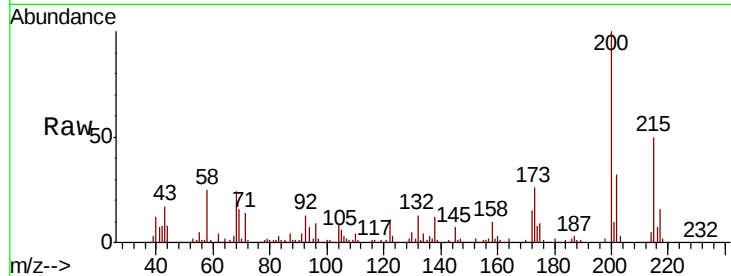
Tot Ion:200 Resp: 172667

Ion Ratio Lower Upper

200 100

173 25.8 6.4 46.4

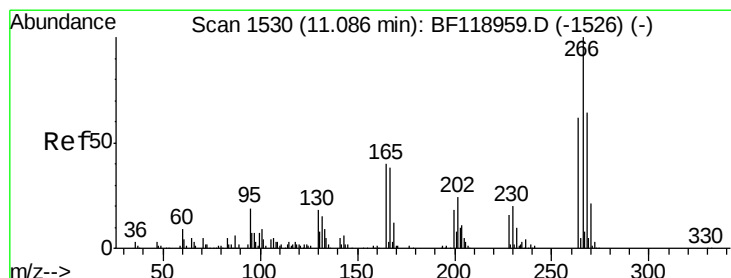
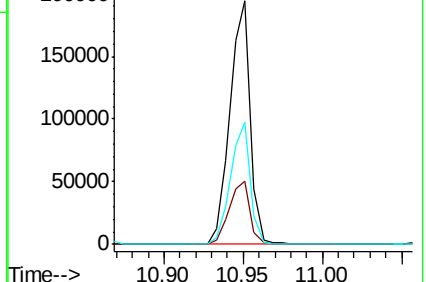
215 50.0 27.4 67.4



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: 39.639 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

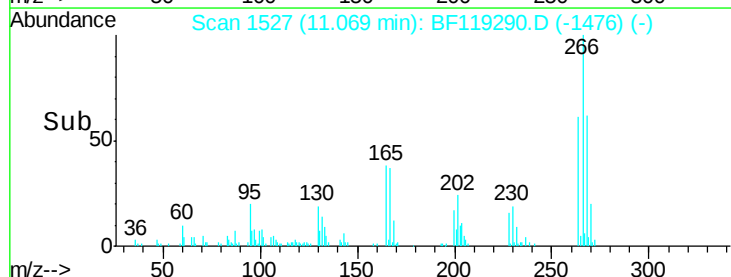
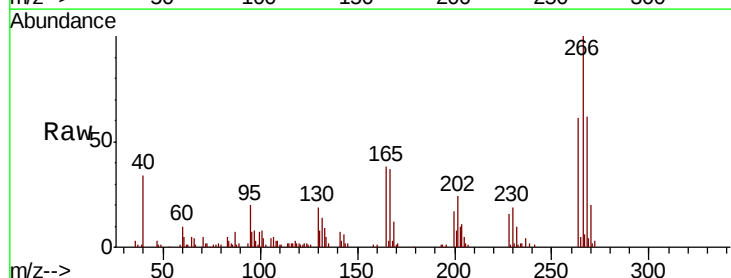
Tgt Ion:266 Resp: 99111

Ion Ratio Lower Upper

266 100

268 61.8 51.9 77.9

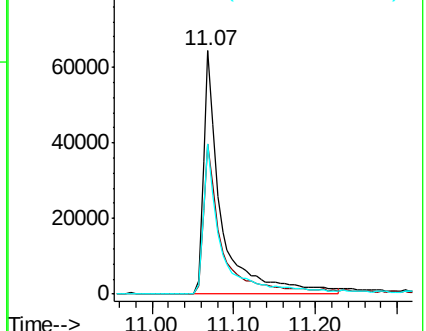
264 61.4 51.0 76.4

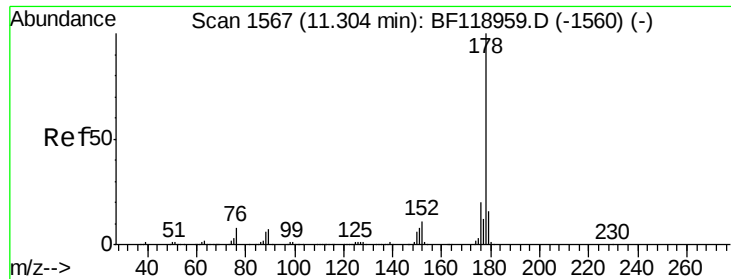


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

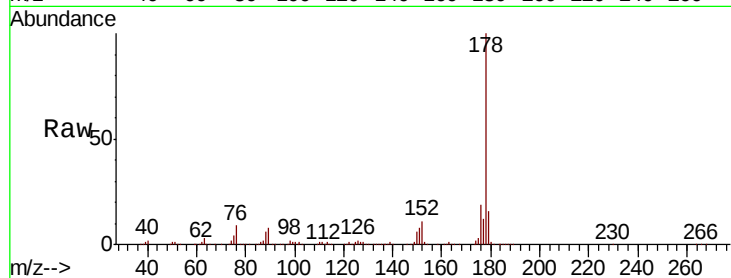




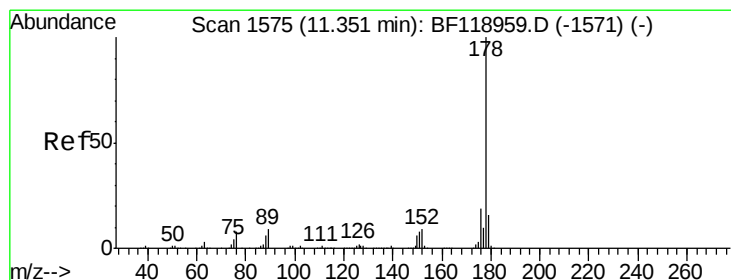
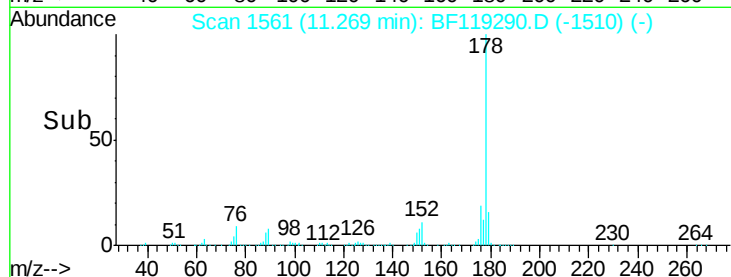
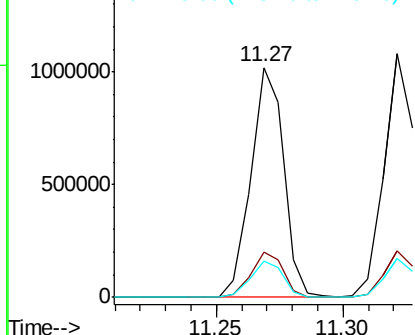
#71
Phenanthrene
Concen: 41.112 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 923419
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.6 13.0 19.6

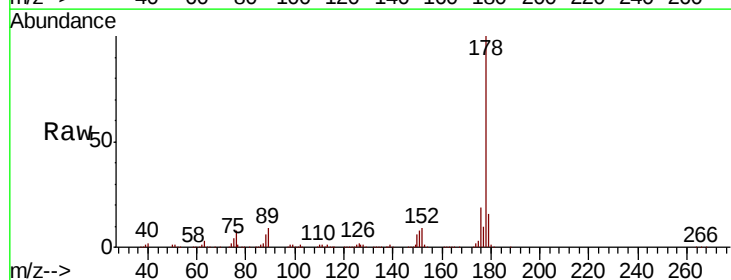


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

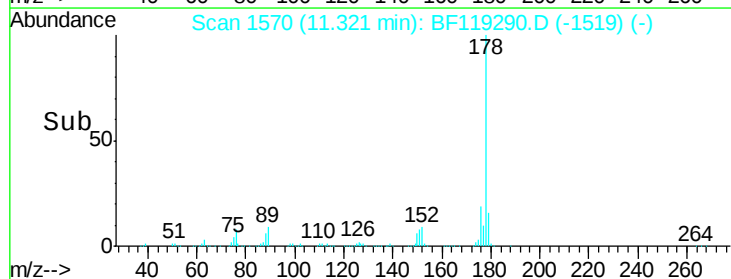
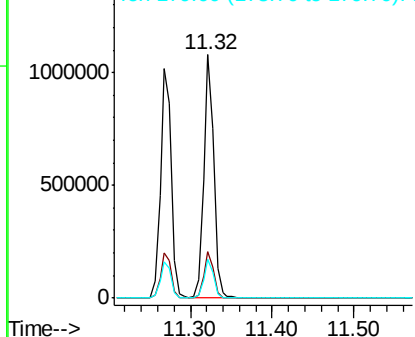


#72
Anthracene
Concen: 41.511 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:178 Resp: 931598
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

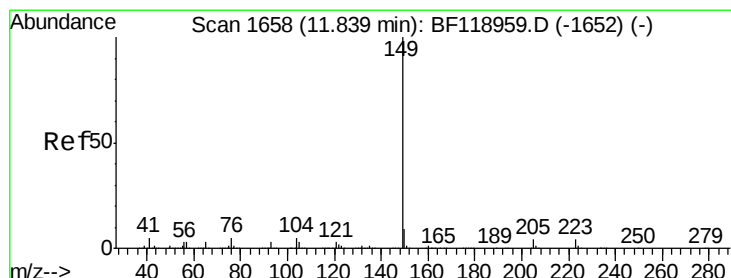
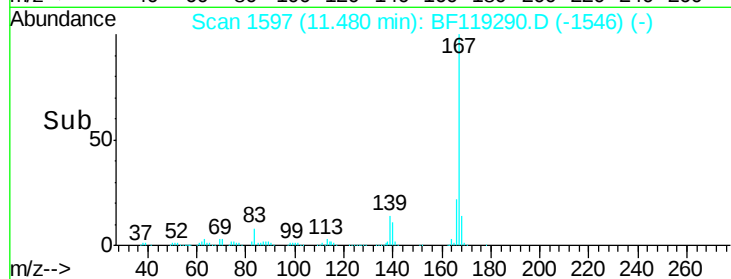
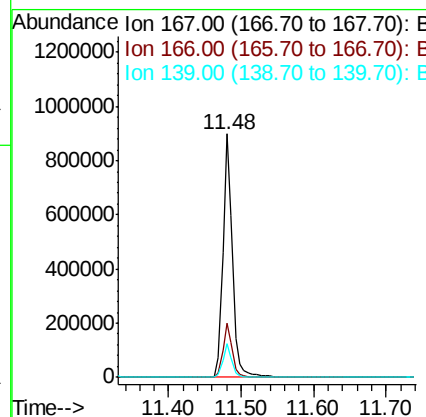
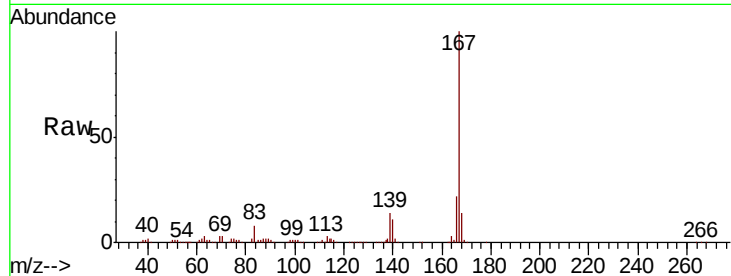




#73
 Carbazole
 Concen: 41.187 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

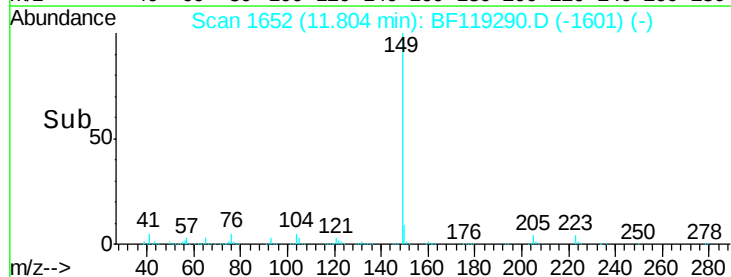
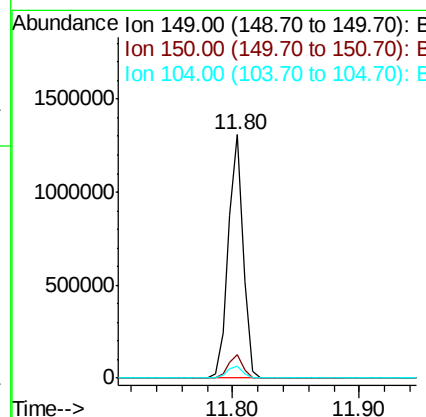
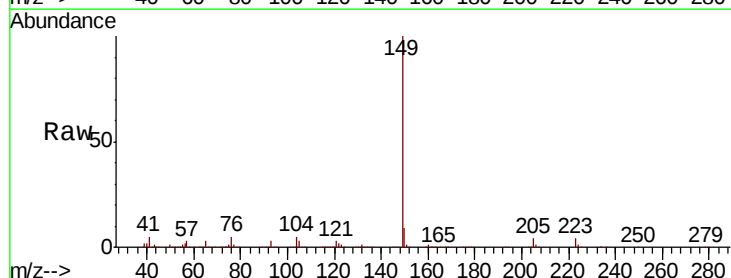
Instrument :
 BNA_F
 ClientSampleId :

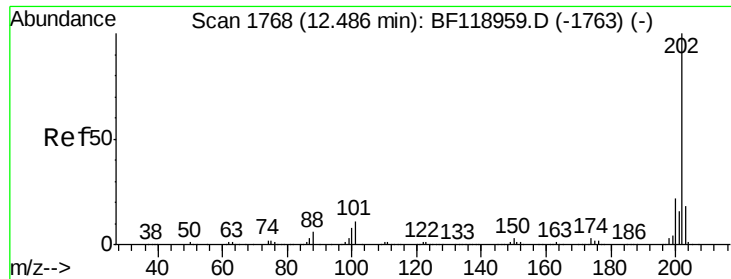
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	13.7	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 44.065 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8

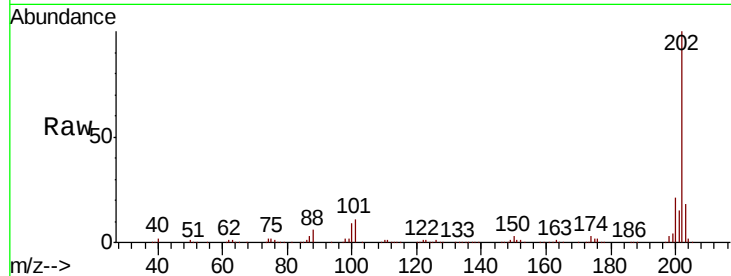




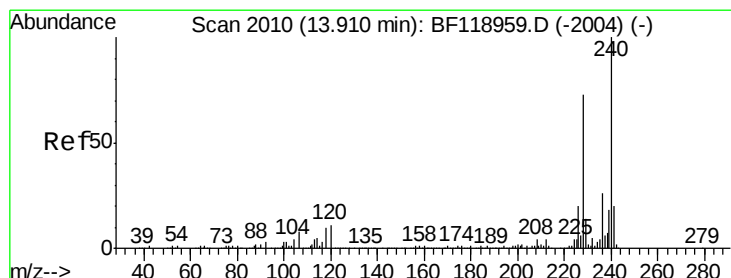
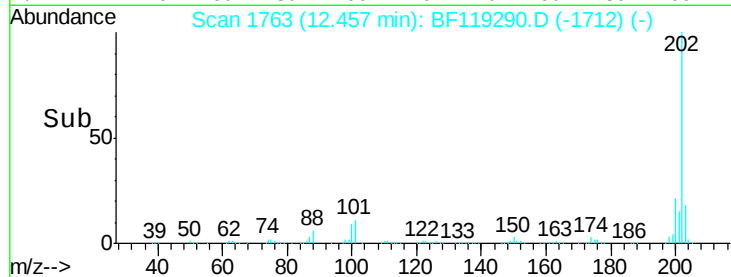
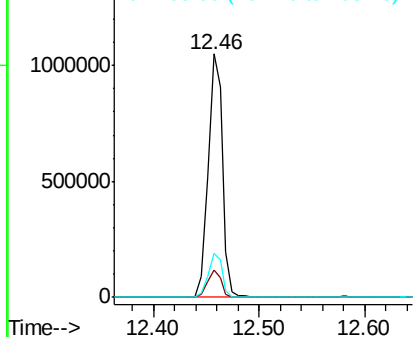
#75
 Fluoranthene
 Concen: 41.715 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.0	0.0	38.4

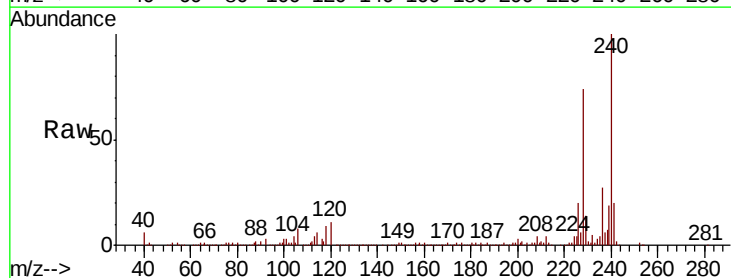


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

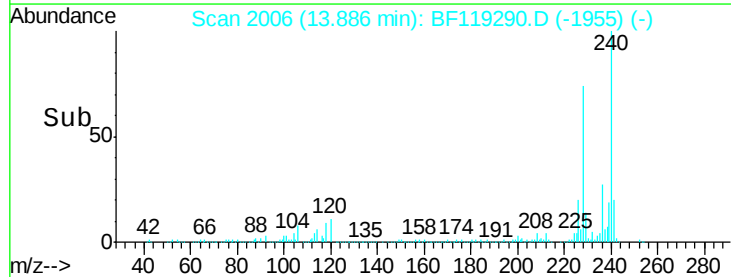
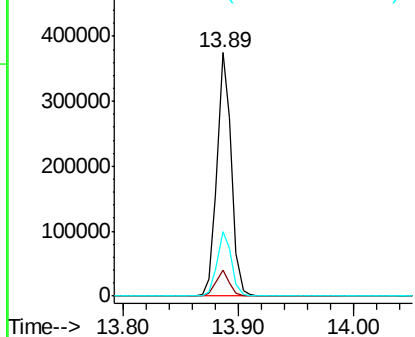


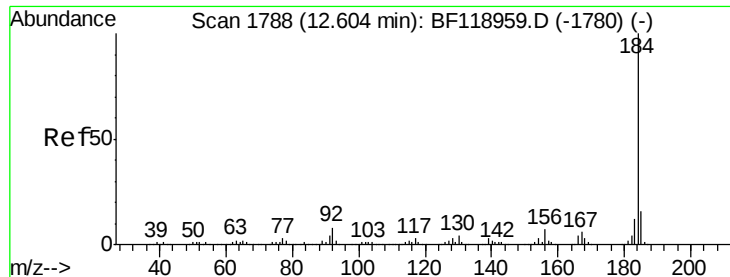
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	26.5	21.0	31.4



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





#77

Benzidine

Concen: 40.625 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

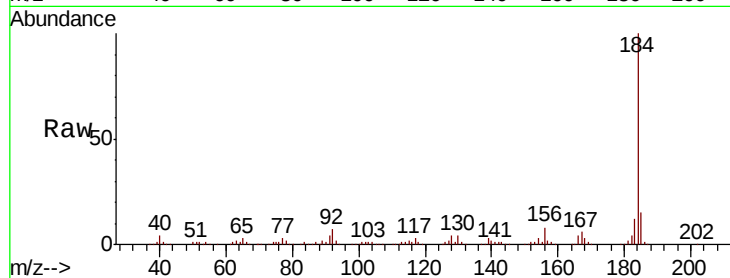
Tot Ion:184 Resp: 533993

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

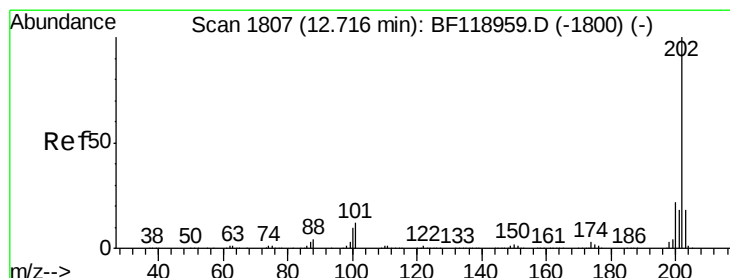
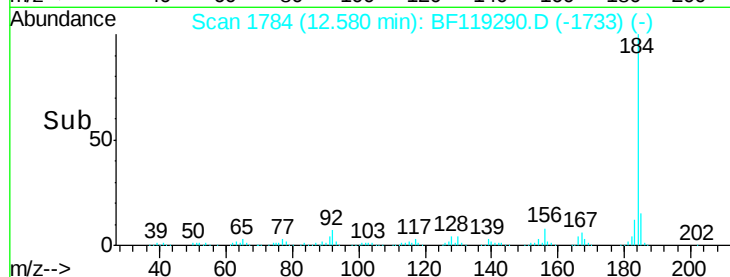
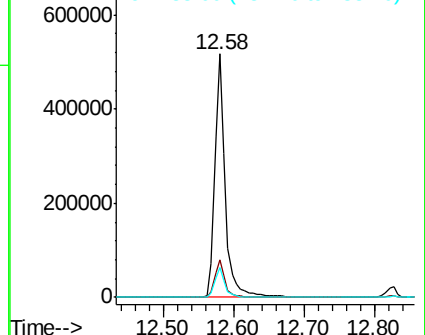
183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.466 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

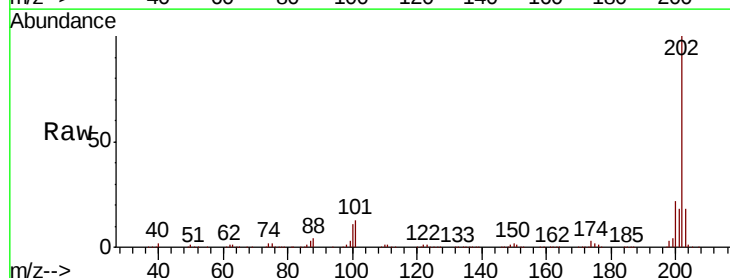
Tgt Ion:202 Resp: 998304

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

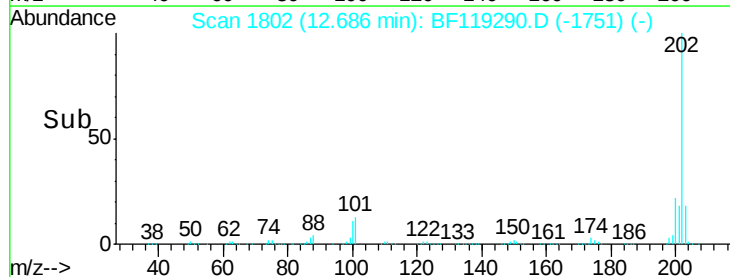
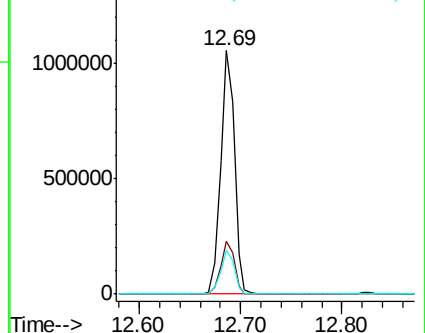
203 17.8 14.6 22.0

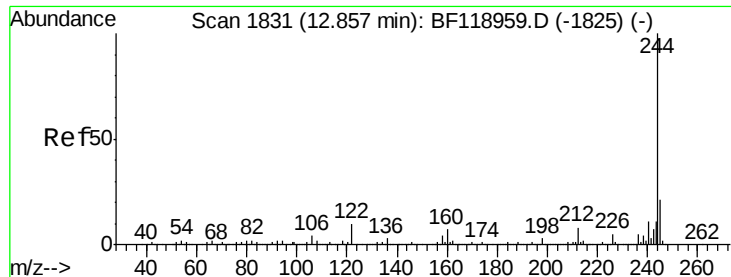


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

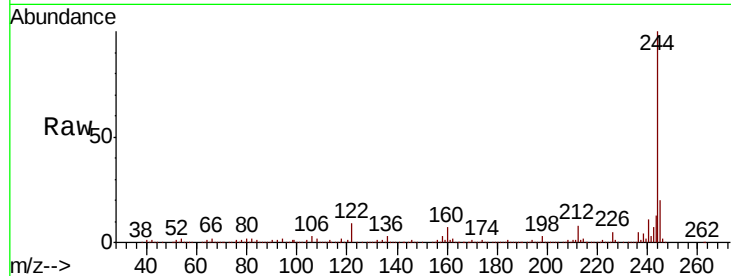




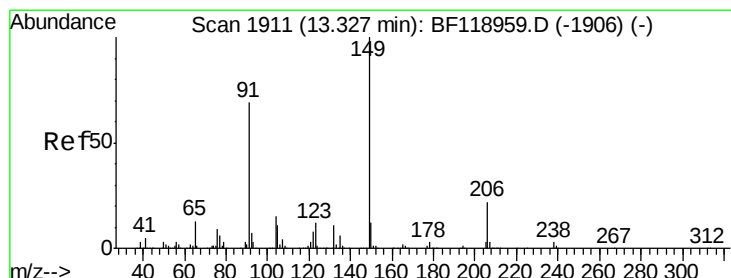
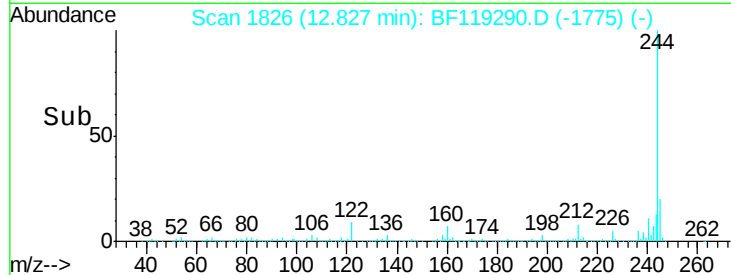
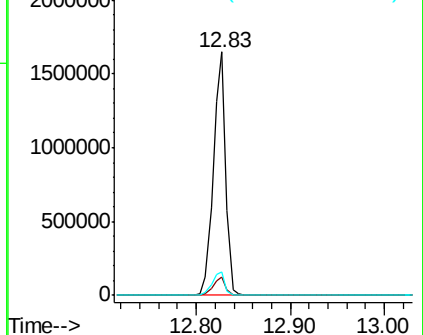
#79
 Terphenyl-d14
 Concen: 81.690 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1533544
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 9.4 8.2 12.2

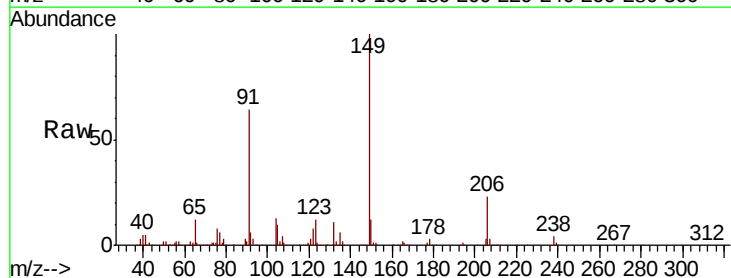


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

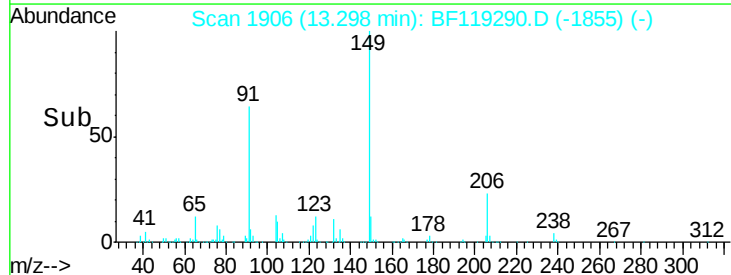
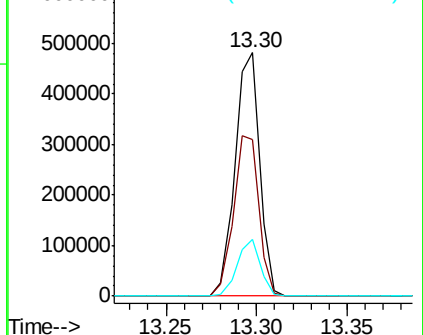


#80
 Butylbenzylphthalate
 Concen: 41.798 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion:149 Resp: 456562
 Ion Ratio Lower Upper
 149 100
 91 64.1 52.3 78.5
 206 23.5 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.614 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

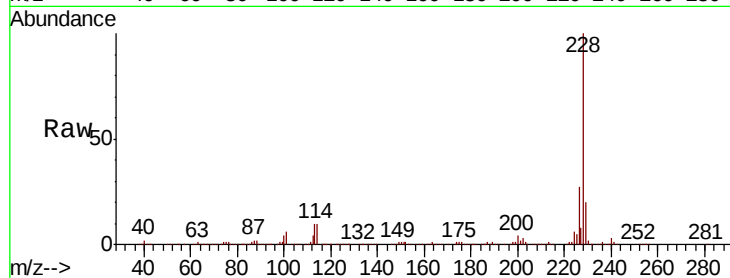
Tot Ion:228 Resp: 916432

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

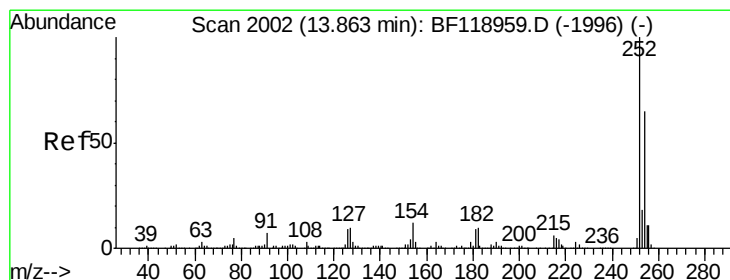
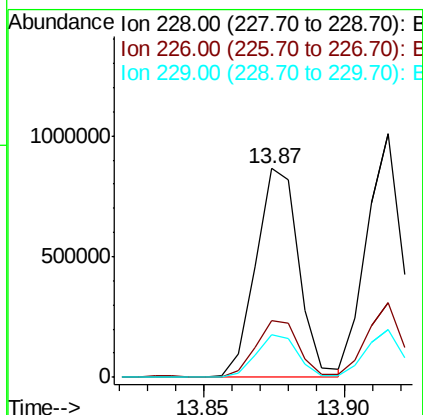
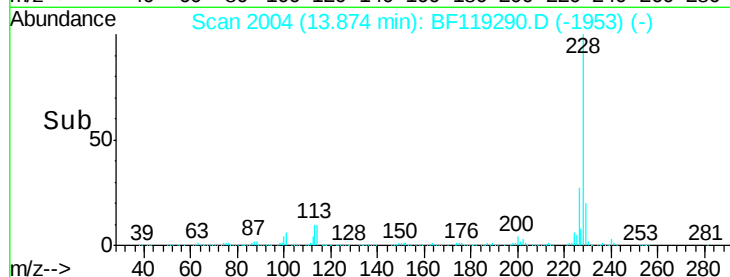
229 20.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.225 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

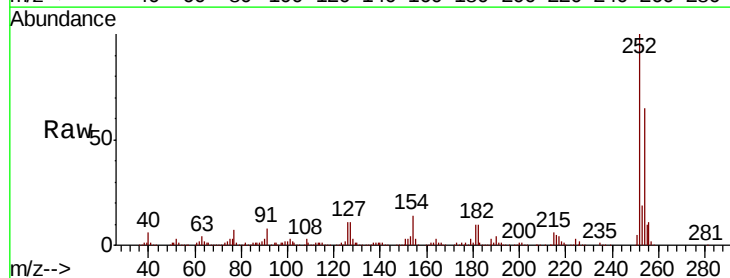
Tgt Ion:252 Resp: 352529

Ion Ratio Lower Upper

252 100

254 65.4 51.6 77.4

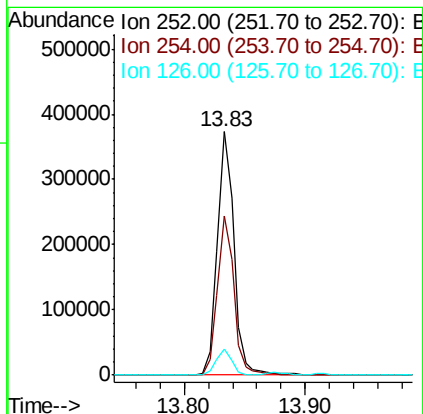
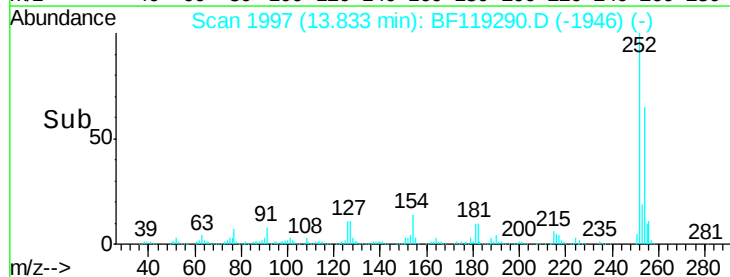
126 10.6 7.4 11.0

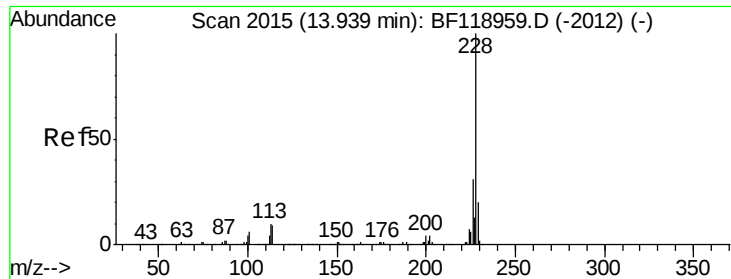


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

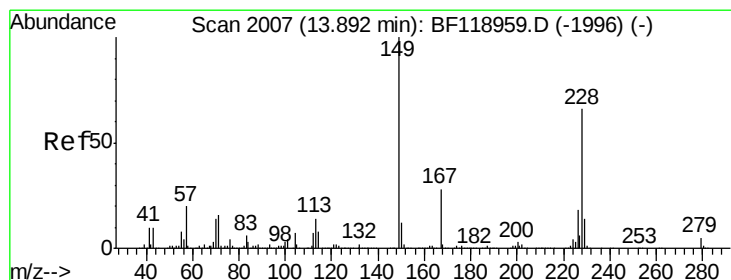
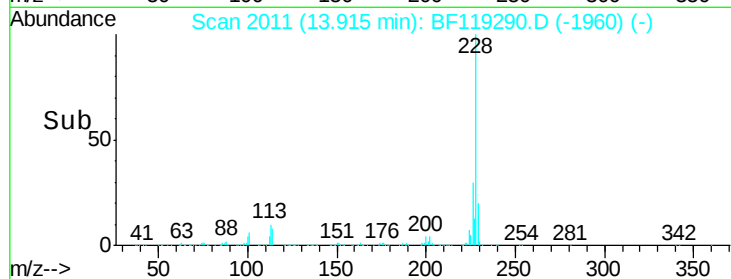
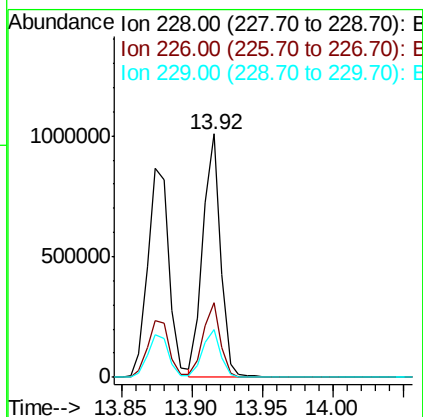
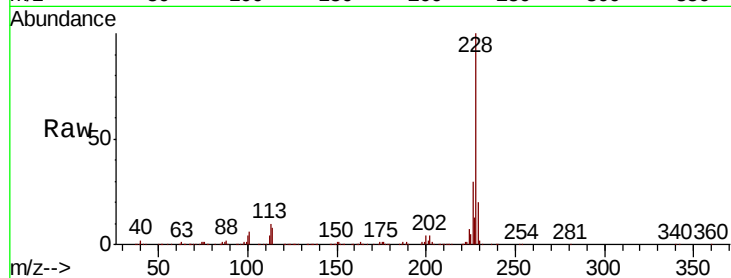




#83
 Chrvsene
 Concen: 39.958 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

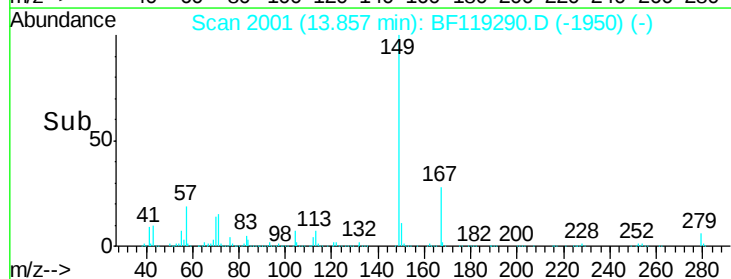
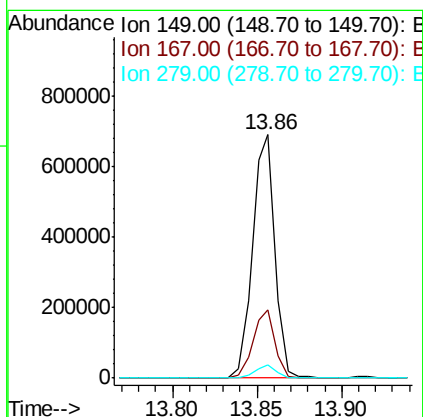
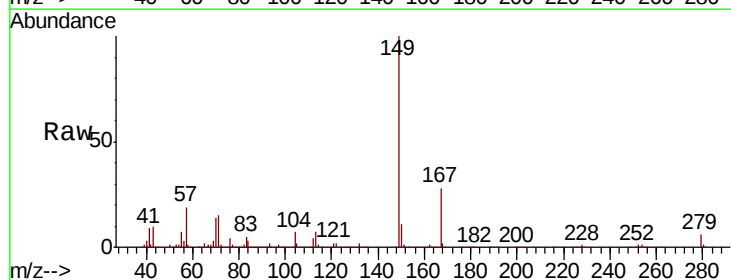
Instrument :
 BNA_F
 ClientSampled :

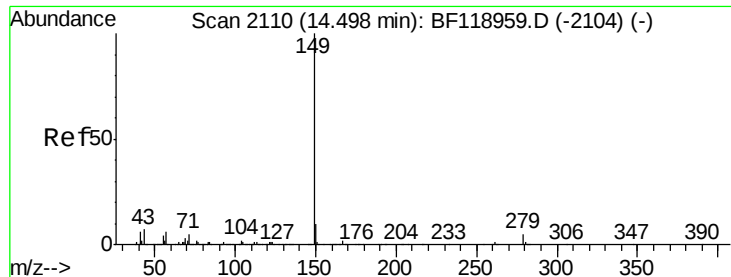
Tot Ion:228 Resp: 876809
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.270 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119290.D
 Acq: 9 Mar 2020 17:40

Tgt Ion:149 Resp: 638513
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.8 34.2
 279 5.7 4.6 6.8

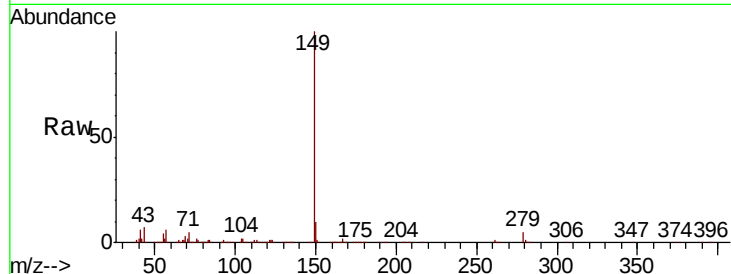




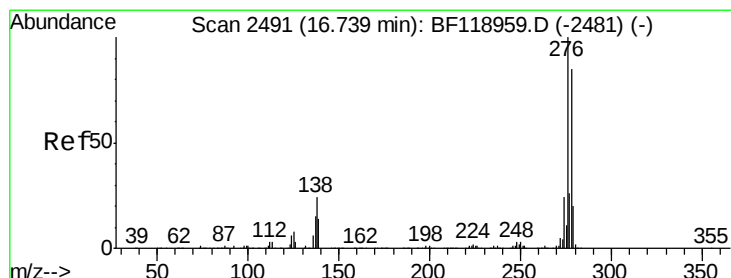
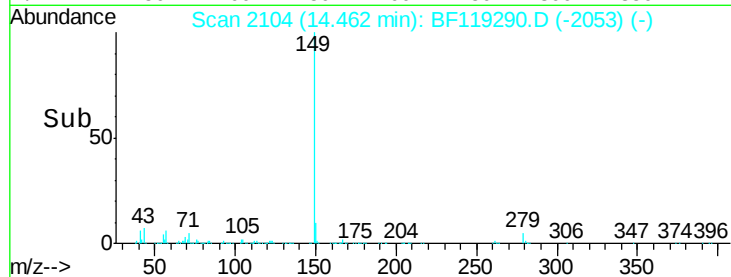
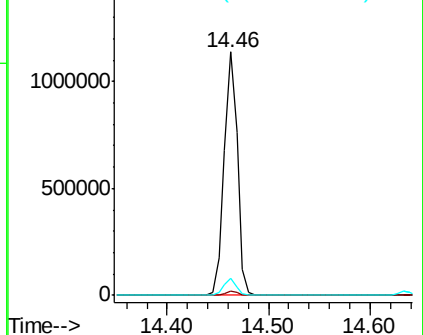
#85
Di-n-octyl phthalate
Concen: 46.979 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1032928
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 5.7 8.5

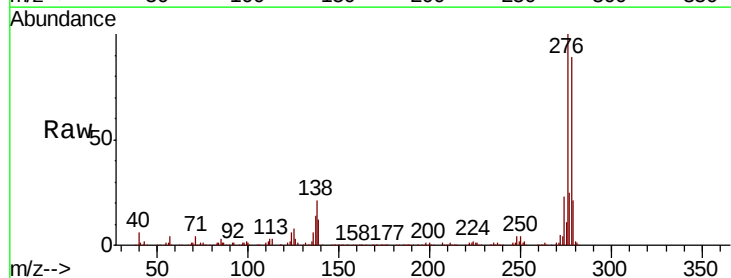


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

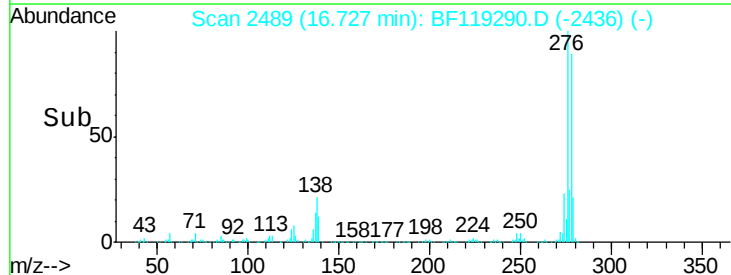
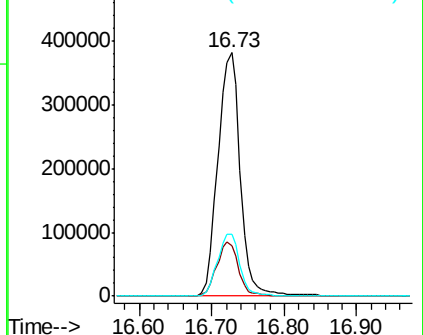


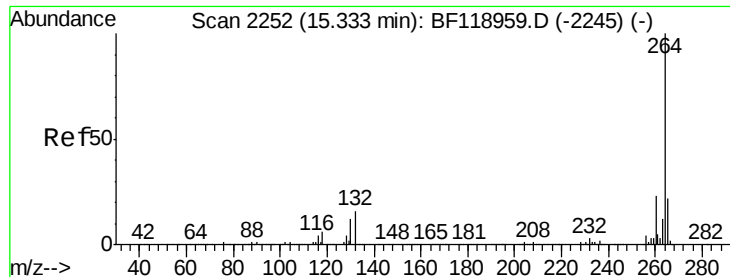
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.696 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:276 Resp: 822189
Ion Ratio Lower Upper
276 100
138 21.6 17.4 26.0
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



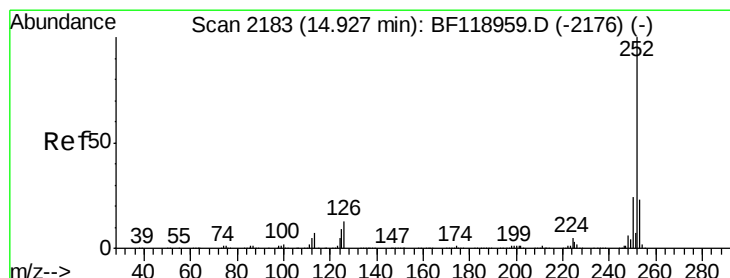
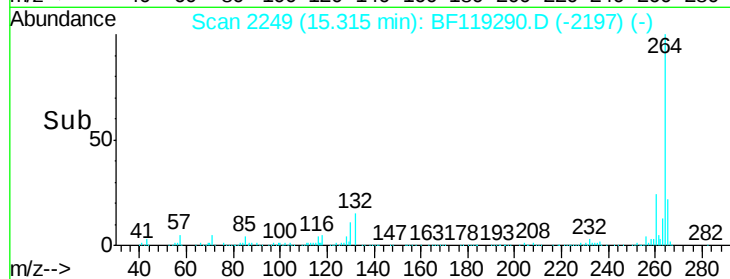
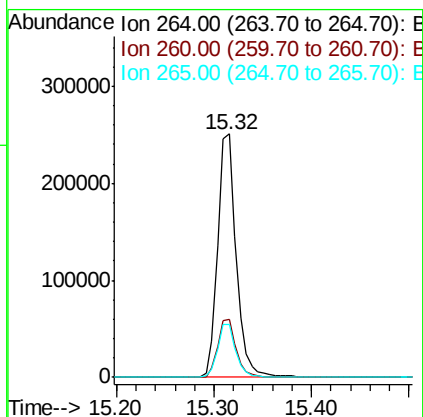
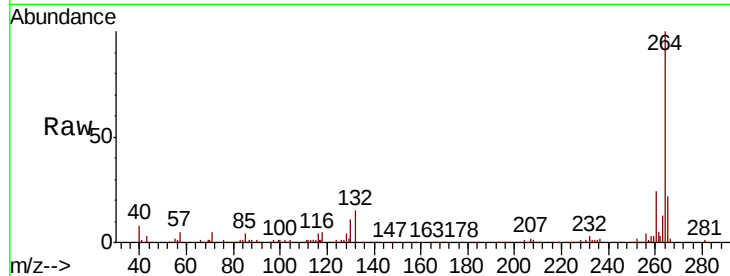


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 331459

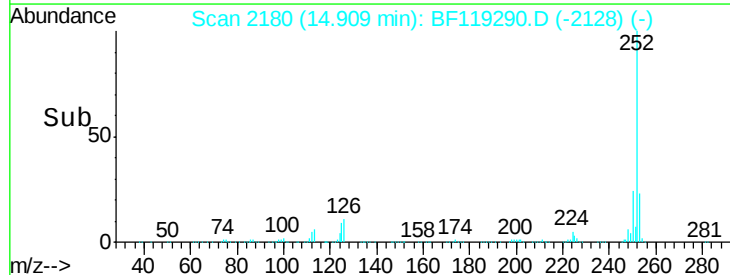
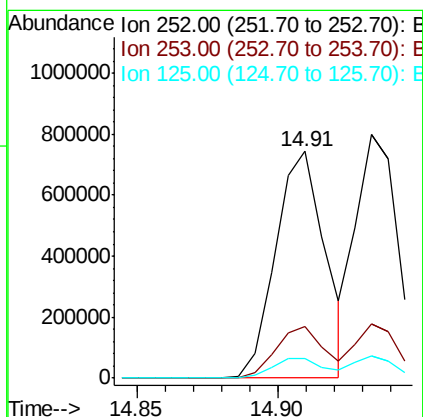
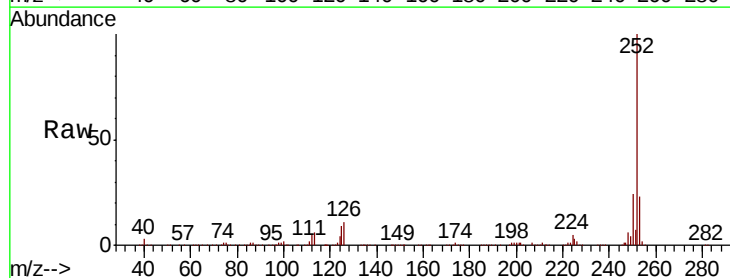
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.9	17.7	26.5

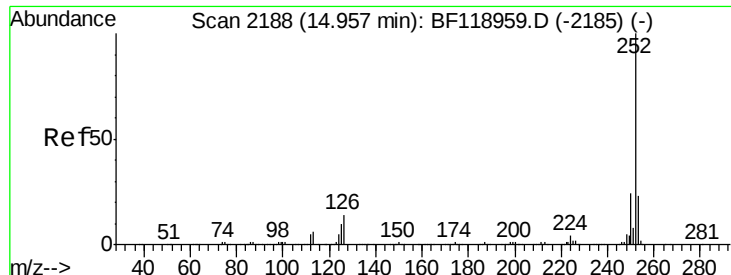


#88
Benzo(b)fluoranthene
Concen: 41.350 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:252 Resp: 903420

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	8.8	7.4	11.0

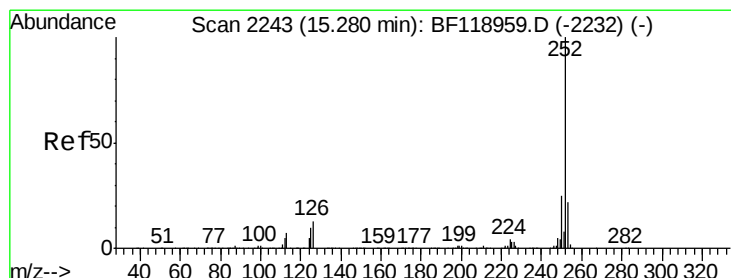
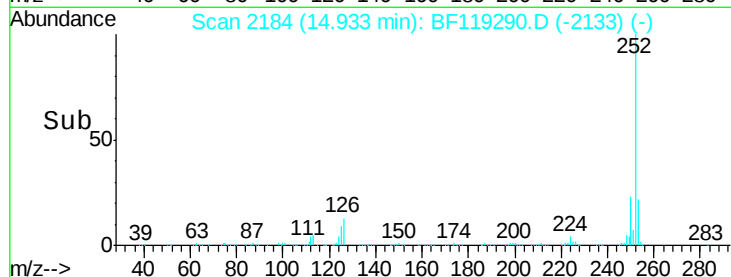
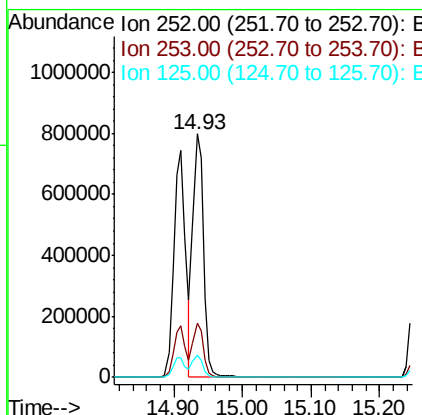
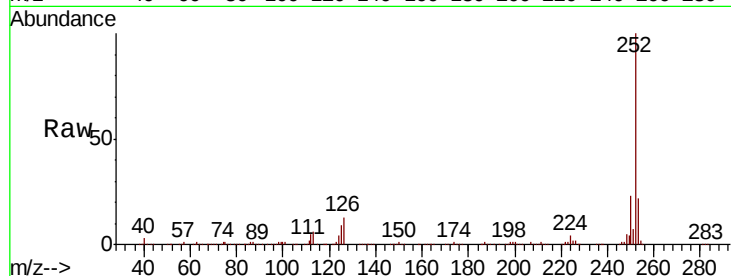




#89
Benzo(k)fluoranthene
Concen: 41.766 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

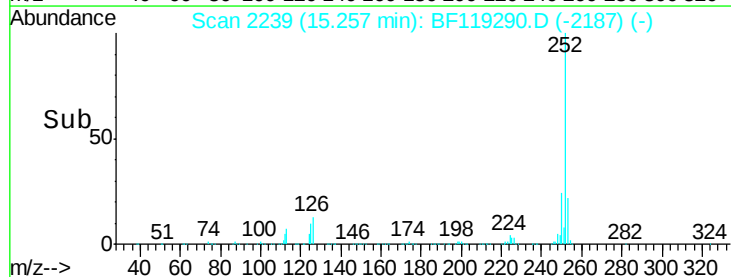
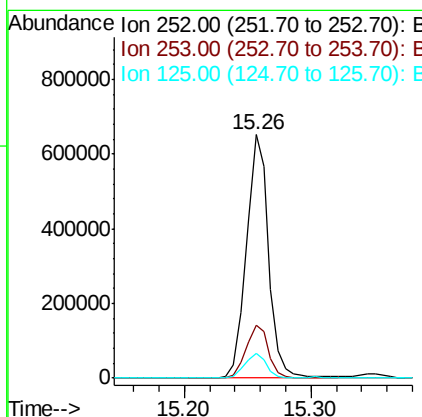
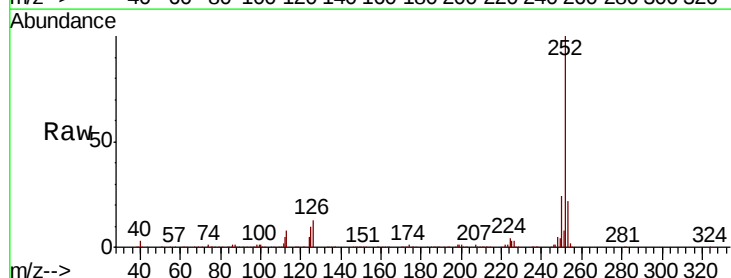
Instrument :
BNA_F
ClientSampleId :

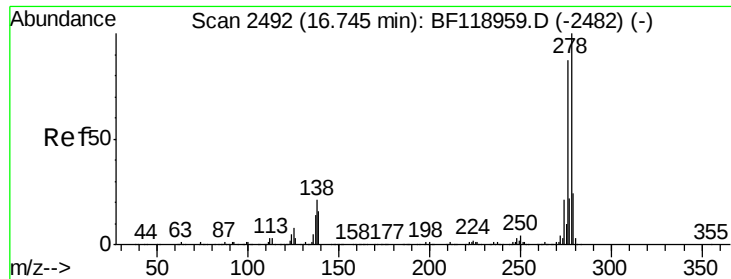
Tot Ion:252 Resp: 845643
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.015 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119290.D
Acq: 9 Mar 2020 17:40

Tgt Ion:252 Resp: 789032
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 39.803 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

Instrument :

BNA_F

ClientSampleId :

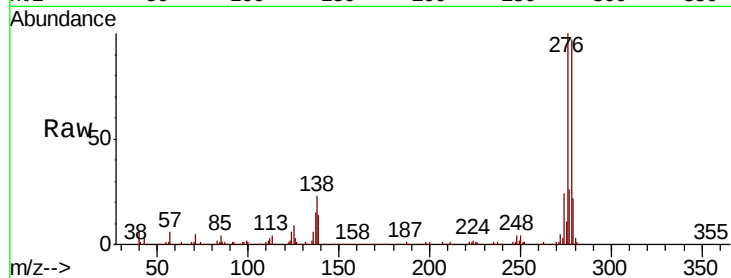
Tot Ion:278 Resp: 690574

Ion Ratio Lower Upper

278 100

139 14.2 11.0 16.4

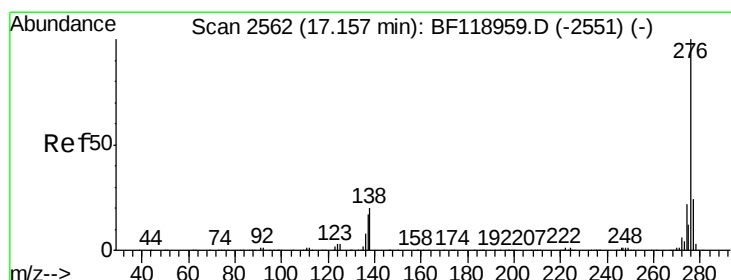
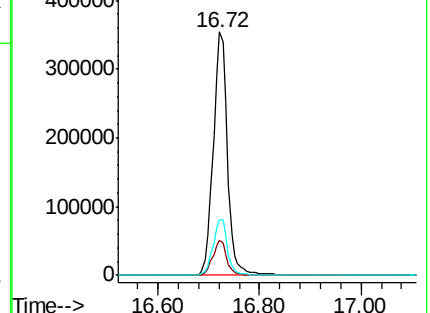
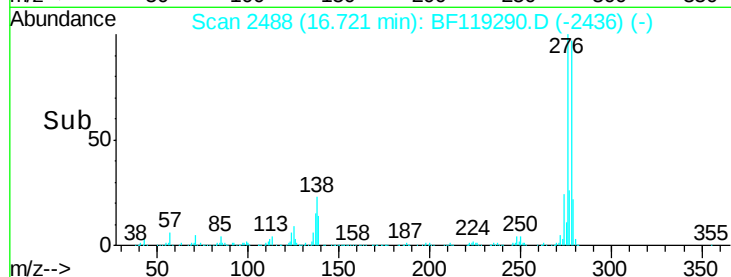
279 22.8 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.728 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF119290.D

Acq: 9 Mar 2020 17:40

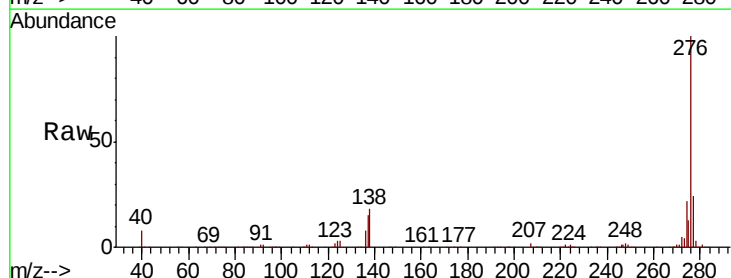
Tgt Ion:276 Resp: 629618

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.7 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

