

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119321.D
 Acq On : 10 Mar 2020 17:21
 Operator : CG/JU
 Sample : L1852-19MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:39:41 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	101294	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	393007	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	202222	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	321608	20.00	ng	0.00
76) Chrysene-d12	13.89	240	218998	20.00	ng	0.00
87) Perylene-d12	15.32	264	221506	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	691063	114.01	ng	0.02
7) Phenol-d6	6.39	99	804852	109.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	552914	74.28	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	244914	92.58	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1054689	76.83	ng	0.00
79) Terphenyl-d14	12.83	244	965713	75.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	106859	39.597	ng	99
3) Pyridine	3.19	79	248366	33.699	ng	100
4) n-Nitrosodimethylamine	3.13	42	103397	46.312	ng	93
6) Aniline	6.39	93	269841	29.666	ng	# 74
8) 2-Chlorophenol	6.52	128	324962	49.679	ng	99
9) Benzaldehyde	6.28	77	224120	45.506	ng	99
10) Phenol	6.40	94	374528	46.992	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	290448	47.629	ng	98
12) 1,3-Dichlorobenzene	6.66	146	355945	45.401	ng	96
13) 1,4-Dichlorobenzene	6.74	146	364930	46.515	ng	99
14) 1,2-Dichlorobenzene	6.90	146	330594	46.204	ng	99
15) Benzyl Alcohol	6.88	79	265681	49.868	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	238259	45.103	ng	# 26
17) 2-Methylphenol	7.00	107	255490	48.175	ng	# 92
18) Hexachloroethane	7.23	117	118676	42.281	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	223568	52.048	ng	99
20) 3+4-Methylphenols	7.16	107	343509	52.869	ng	# 86
22) Acetophenone	7.14	105	438957	48.273	ng	# 95
24) Nitrobenzene	7.32	77	336015	45.650	ng	99
25) Isophorone	7.55	82	596114	46.114	ng	98
26) 2-Nitrophenol	7.63	139	160752	41.218	ng	97
27) 2,4-Dimethylphenol	7.68	122	270875	51.175	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	367341	43.658	ng	98
29) 2,4-Dichlorophenol	7.89	162	278804	44.743	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	310701	42.055	ng	99
31) Naphthalene	8.03	128	923309	45.300	ng	99
32) Benzoic acid	7.84	122	106216	30.354	ng	99
33) 4-Chloroaniline	8.09	127	156657	17.870	ng	99
34) Hexachlorobutadiene	8.15	225	191088	41.523	ng	99
35) Caprolactam	8.47	113	79718	41.548	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	289799	45.954	ng	100
37) 2-Methylnaphthalene	8.72	142	624691	45.543	ng	99
38) 1-Methylnaphthalene	8.82	142	577962	44.804	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	309727	45.427	ng	99

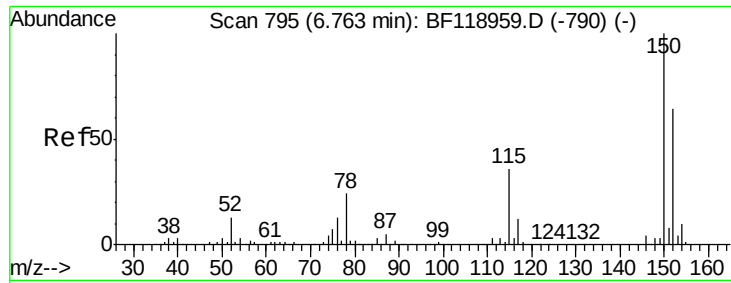
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	17286	15.542	ng	96
43) 2,4,6-Trichlorophenol	9.02	196	189767	44.075	ng	100
44) 2,4,5-Trichlorophenol	9.07	196	190773	42.224	ng	99
46) 1,1'-Biphenyl	9.19	154	747572	45.741	ng	97
47) 2-Chloronaphthalene	9.21	162	585523	44.457	ng	98
48) 2-Nitroaniline	9.32	65	169883	46.246	ng	95
49) Acenaphthylene	9.62	152	872339	45.859	ng	99
50) Dimethylphthalate	9.49	163	841972	54.449	ng	100
51) 2,6-Dinitrotoluene	9.56	165	146751	42.715	ng #	83
52) Acenaphthene	9.80	154	510523	44.509	ng	99
53) 3-Nitroaniline	9.73	138	96146	25.244	ng	90
54) 2,4-Dinitrophenol	9.87	184	19310	17.959	ng #	86
55) Dibenzofuran	9.97	168	758695	44.316	ng	98
56) 4-Nitrophenol	9.93	139	93521	40.868	ng	93
57) 2,4-Dinitrotoluene	9.97	165	177926	39.956	ng #	87
58) Fluorene	10.31	166	596187	44.815	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	151132	39.643	ng	99
60) Diethylphthalate	10.19	149	689996	47.349	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	325278	46.193	ng	96
62) 4-Nitroaniline	10.35	138	122593	31.460	ng	92
63) Azobenzene	10.46	77	578017	45.633	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26711	13.725	ng	95
66) n-Nitrosodiphenylamine	10.42	169	537168	51.010	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	198861	47.305	ng	96
68) Hexachlorobenzene	10.87	284	213757	44.103	ng	95
69) Atrazine	10.95	200	173959	47.281	ng	99
70) Pentachlorophenol	11.07	266	127790	65.453	ng	99
71) Phenanthrene	11.27	178	804202	45.852	ng	98
72) Anthracene	11.33	178	807286	46.067	ng	97
73) Carbazole	11.49	167	683790	43.799	ng	98
74) Di-n-butylphthalate	11.80	149	962751	50.922	ng	99
75) Fluoranthene	12.46	202	814818	43.767	ng	99
77) Benzidine	12.59	184	454678	51.050	ng	97
78) Pyrene	12.69	202	800005	45.493	ng	98
80) Butylbenzylphthalate	13.30	149	348220	47.049	ng	99
81) Benzo(a)anthracene	13.88	228	734923	49.252	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	267563	46.178	ng	100
83) Chrysene	13.92	228	689634	46.383	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	500268	53.503	ng	98
85) Di-n-octyl phthalate	14.46	149	822094	55.182	ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	584493	40.599	ng	99
88) Benzo(b)fluoranthene	14.92	252	719123	49.253	ng	98
89) Benzo(k)fluoranthene	14.94	252	626550	46.306	ng	99
90) Benzo(a)pyrene	15.26	252	589561	44.741	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	488669	42.147	ng	99
92) Benzo(g,h,i)perylene	17.16	276	463326	40.444	ng	98

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

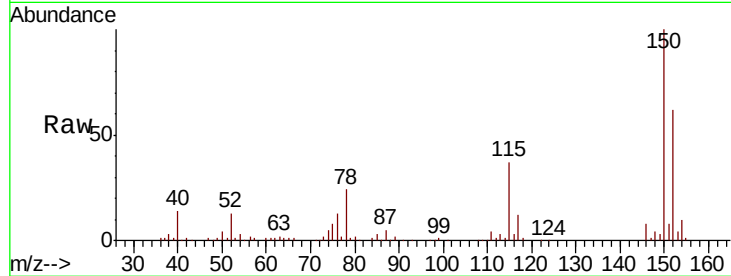


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.0	184.6
115	59.8	49.5	74.3

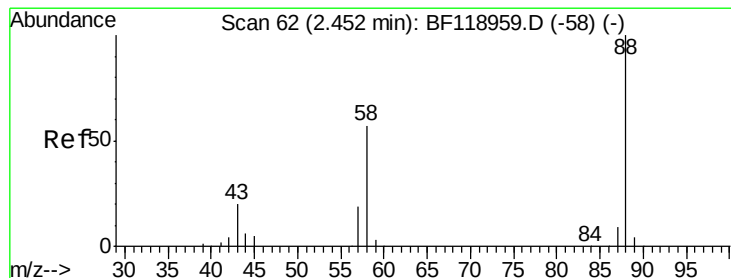
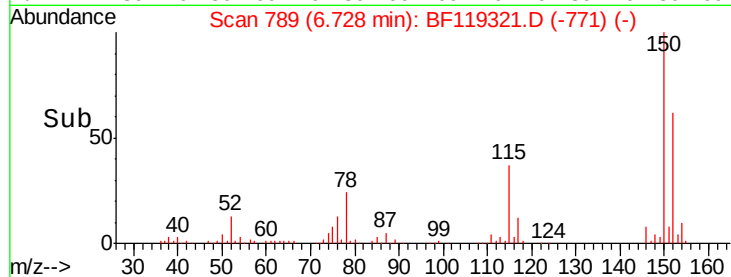
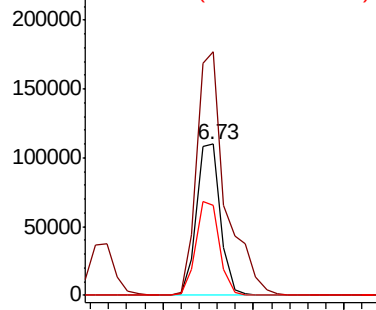


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

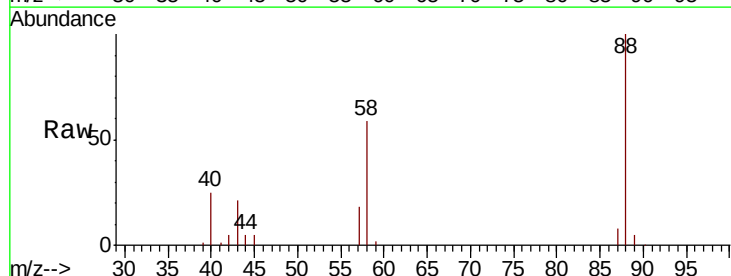
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.597 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.08 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	43.8	65.6
43	20.7	16.2	24.4

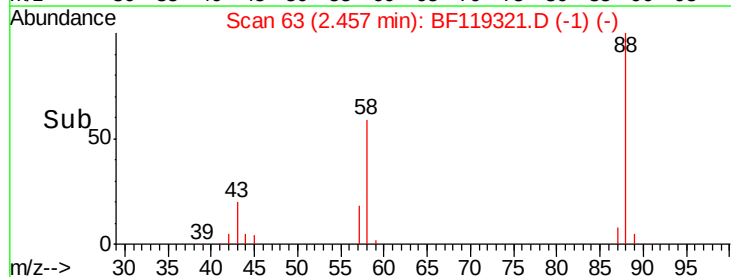
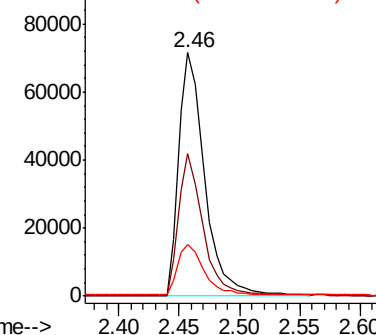


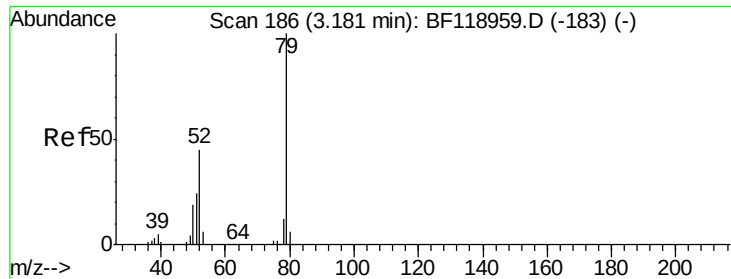
Abundance

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: 33.699 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.09 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

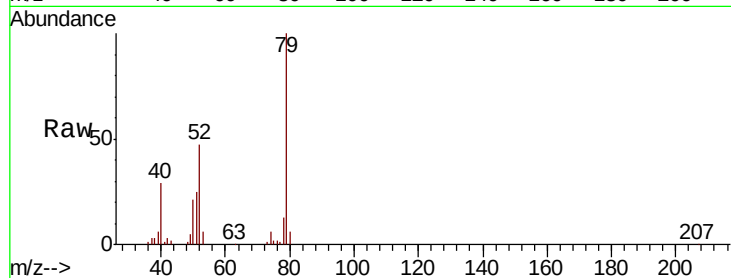
Tot Ion: 79 Resp: 248366

Ion Ratio Lower Upper

79 100

52 47.1 37.4 56.0

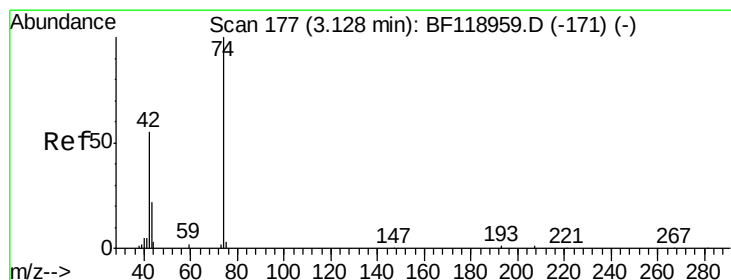
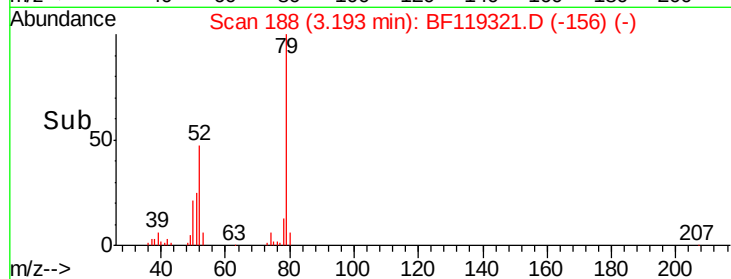
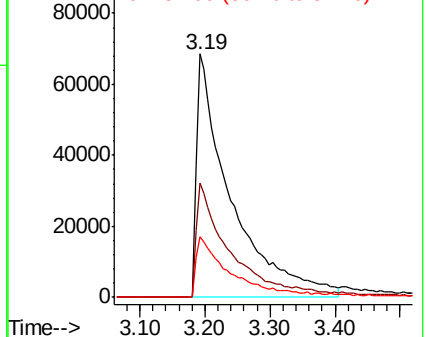
51 24.8 19.8 29.6



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: 46.312 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.08 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

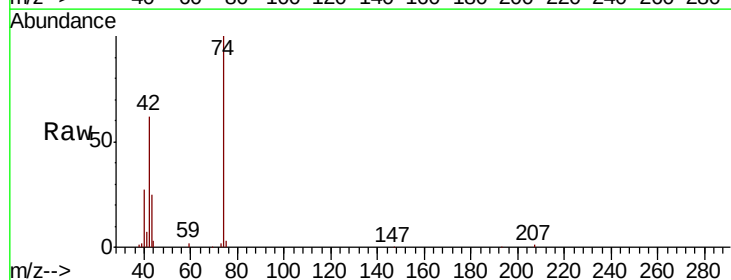
Tgt Ion: 42 Resp: 103397

Ion Ratio Lower Upper

42 100

74 162.4 137.7 206.5

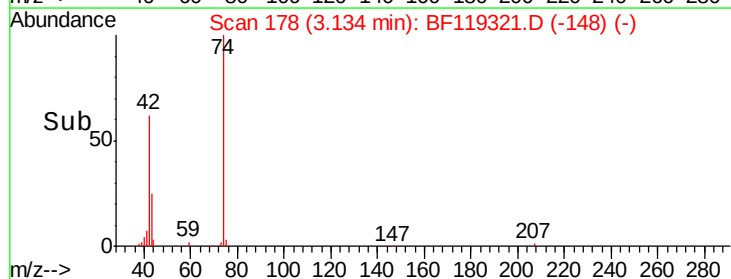
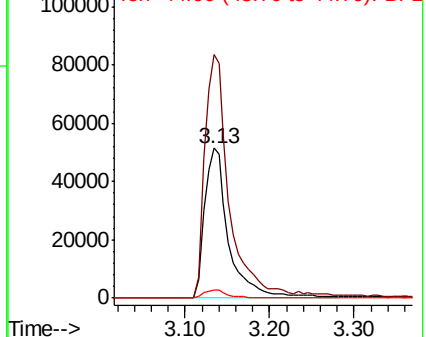
44 5.3 4.5 6.7

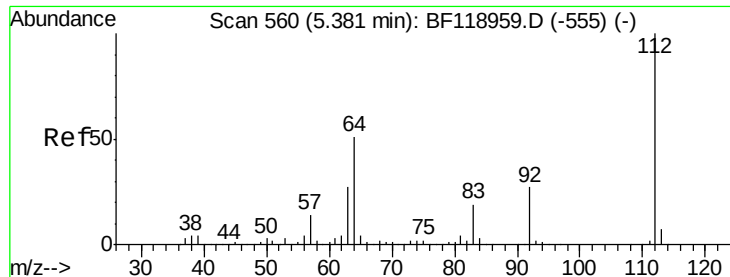


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.014 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF119321.D

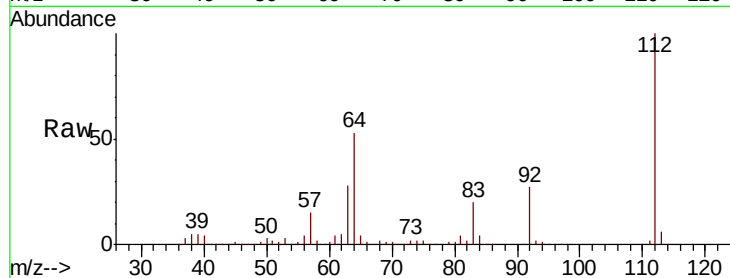
Acq: 10 Mar 2020 17:21

Instrument :

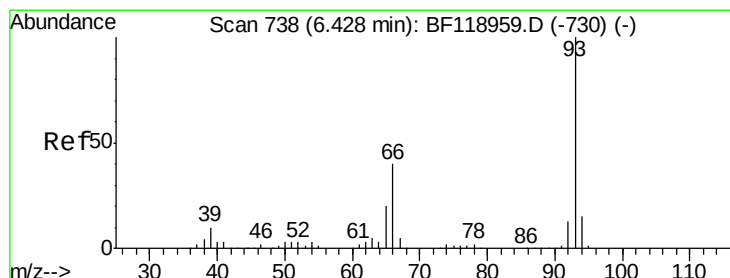
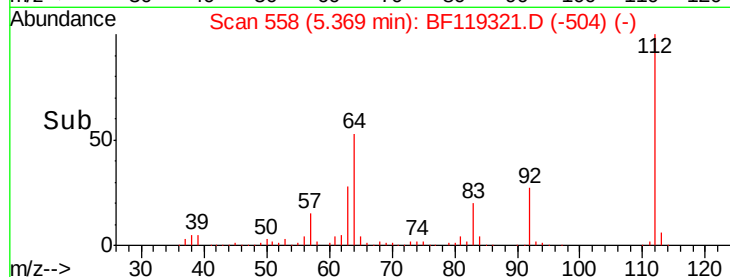
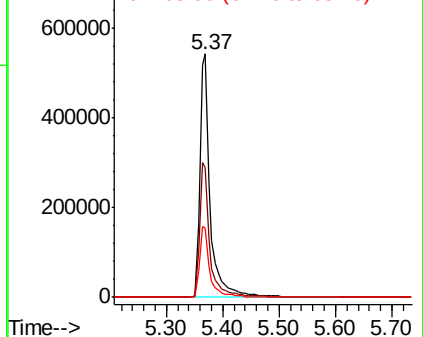
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	691063
Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.0	67.4
63	28.4	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: 29.666 ng

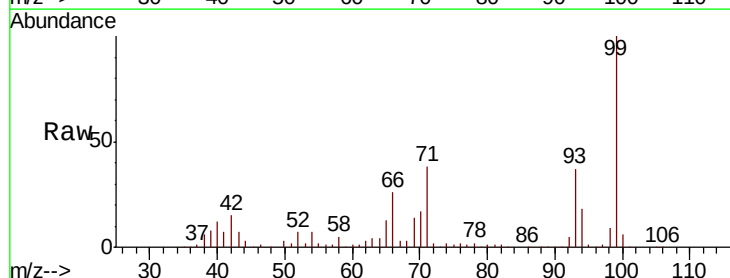
RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

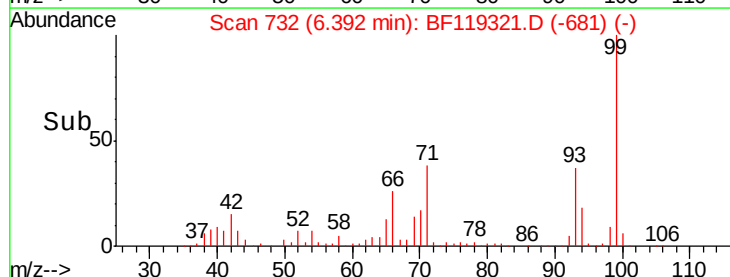
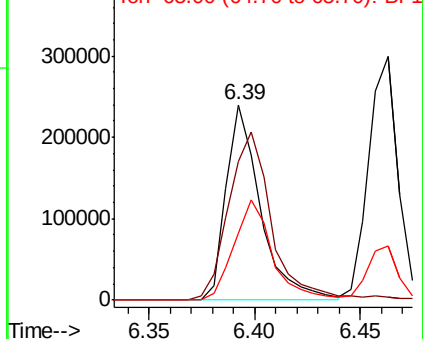
Lab File: BF119321.D

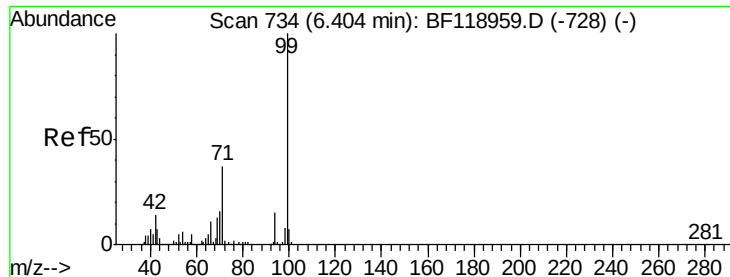
Acq: 10 Mar 2020 17:21

Tgt Ion:	93	Resp:	269841
Ion	Ratio	Lower	Upper
93	100		
66	70.8	74.5	111.7#
65	34.3	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: 109.183 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampled :

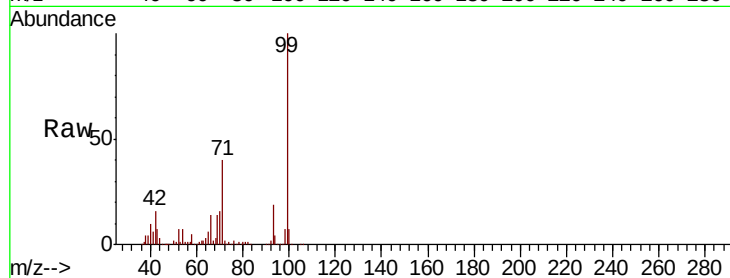
Tot Ion: 99 Resp: 804852

Ion Ratio Lower Upper

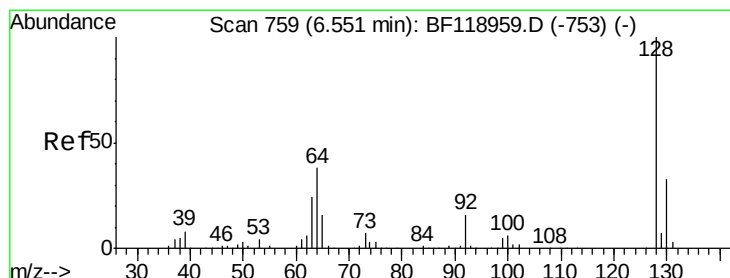
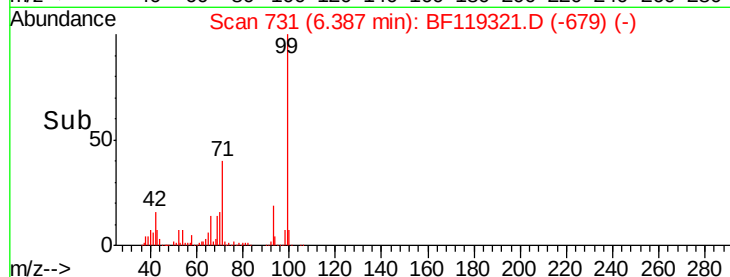
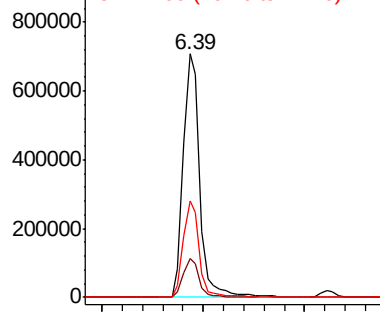
99 100

42 15.8 12.6 18.8

71 39.8 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.679 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

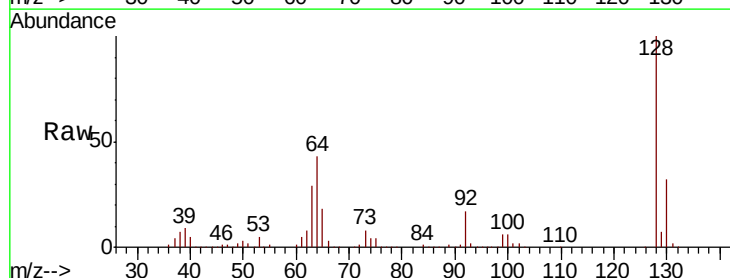
Tgt Ion:128 Resp: 324962

Ion Ratio Lower Upper

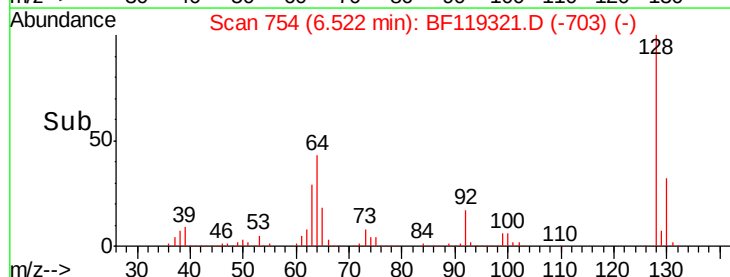
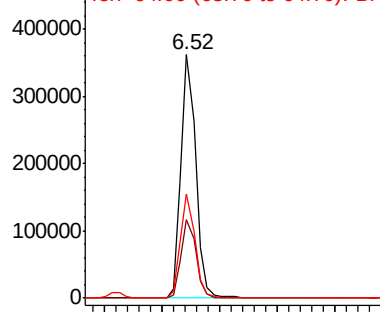
128 100

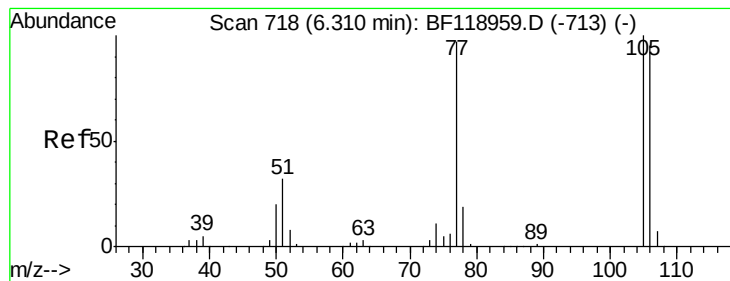
130 32.4 12.7 52.7

64 42.8 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.506 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampled :

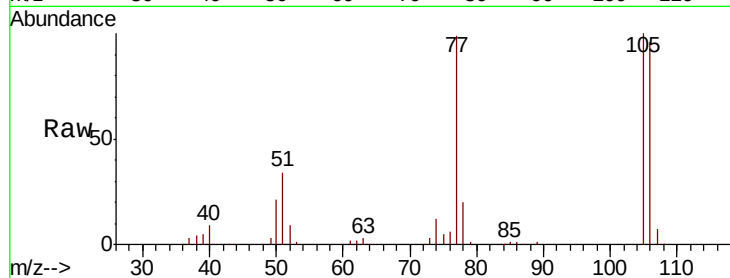
Tot Ion: 77 Resp: 224120

Ion Ratio Lower Upper

77 100

105 101.1 80.1 120.1

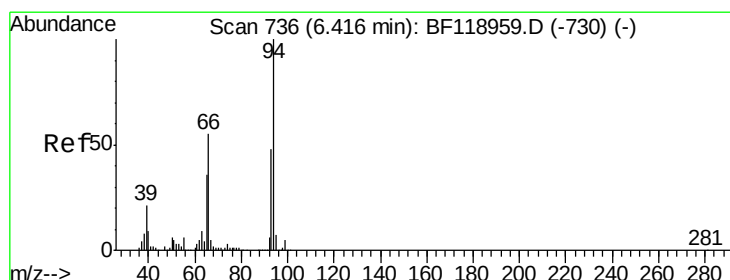
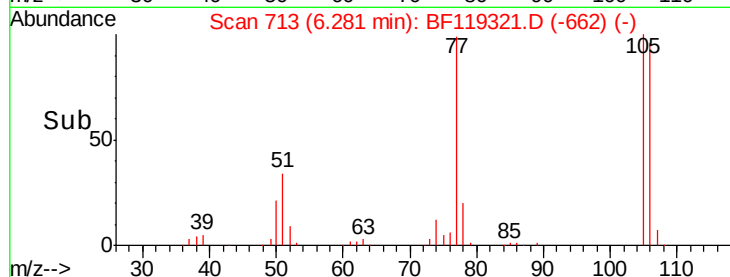
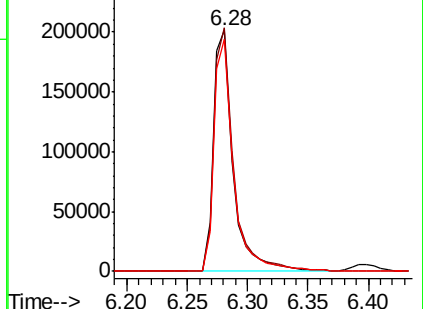
106 96.7 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.992 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

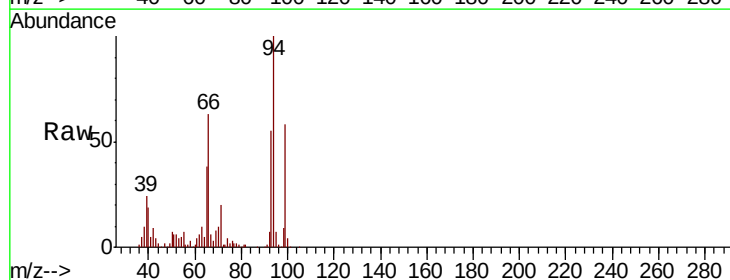
Tgt Ion: 94 Resp: 374528

Ion Ratio Lower Upper

94 100

65 38.1 19.2 59.2

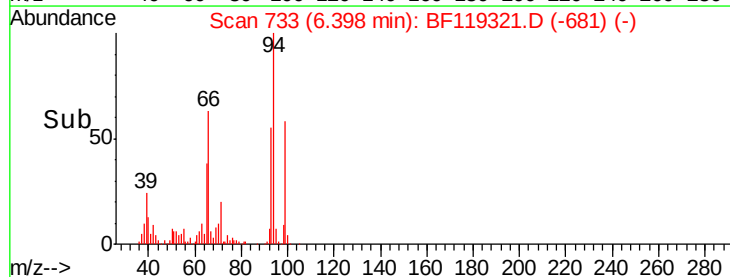
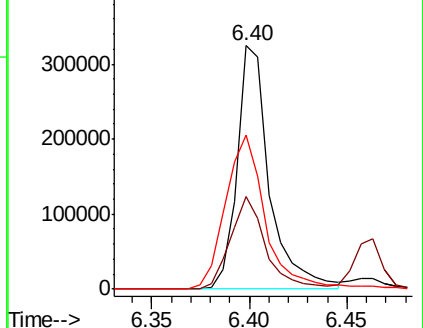
66 63.4 44.4 84.4

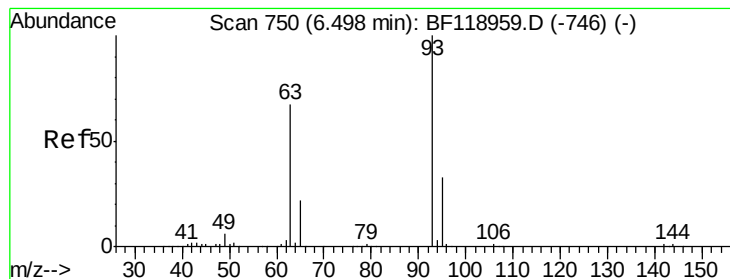


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.629 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

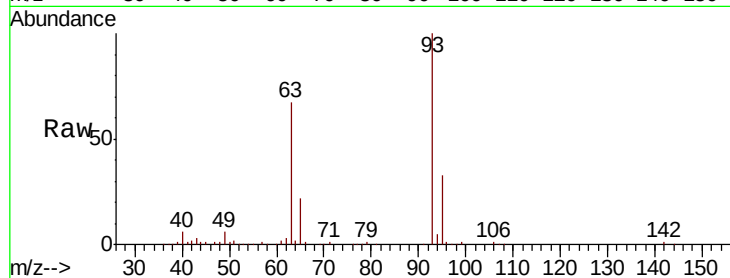
Tot Ion: 93 Resp: 290448

Ion Ratio Lower Upper

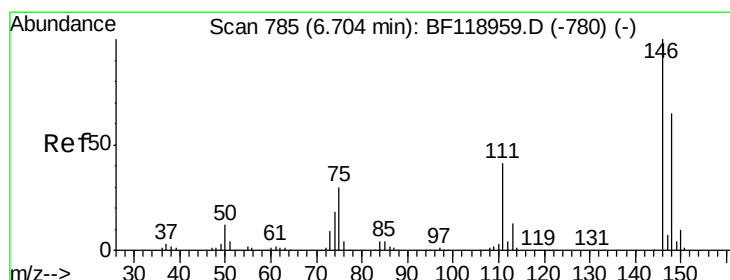
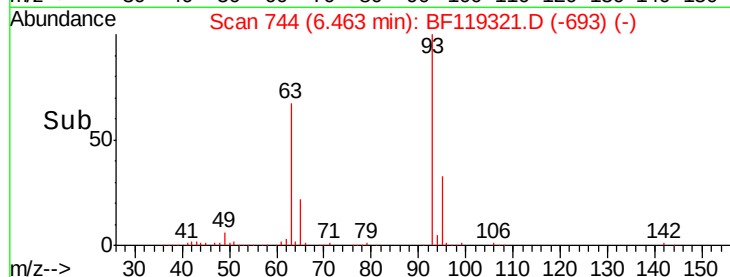
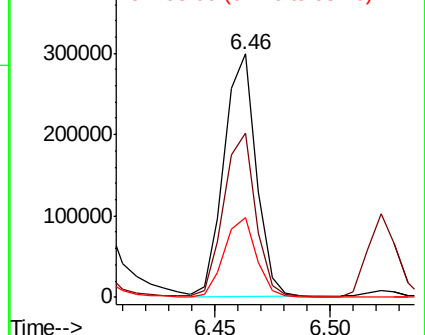
93 100

63 67.3 45.4 85.4

95 32.9 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: 45.401 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

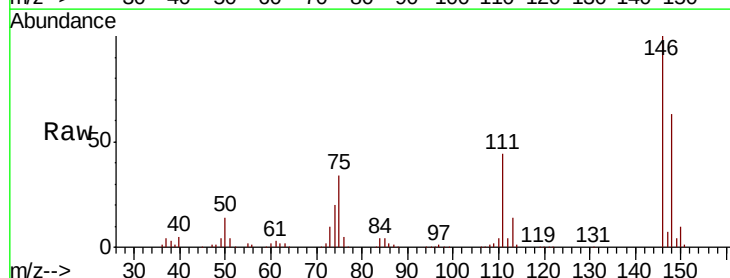
Tgt Ion: 146 Resp: 355945

Ion Ratio Lower Upper

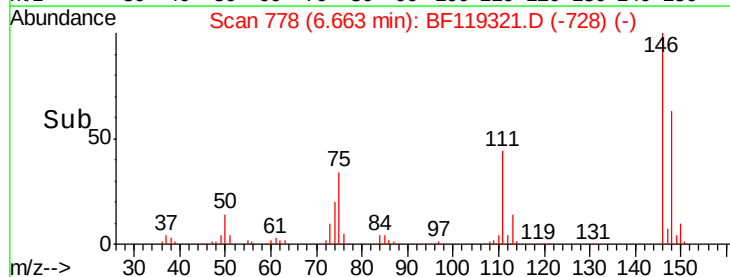
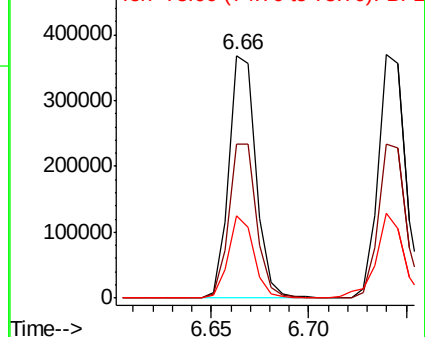
146 100

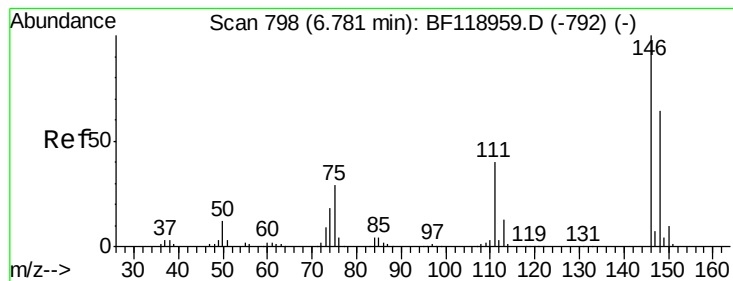
148 63.2 52.5 78.7

75 33.7 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: 46.515 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampled :

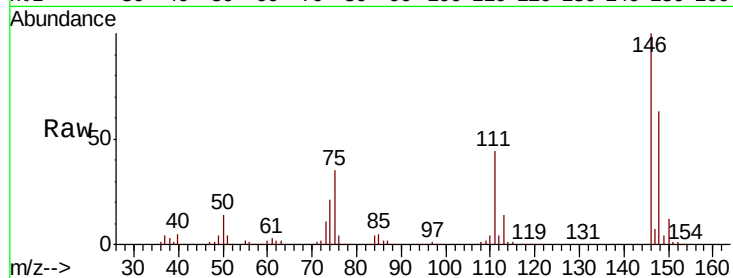
Tot Ion:146 Resp: 364930

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

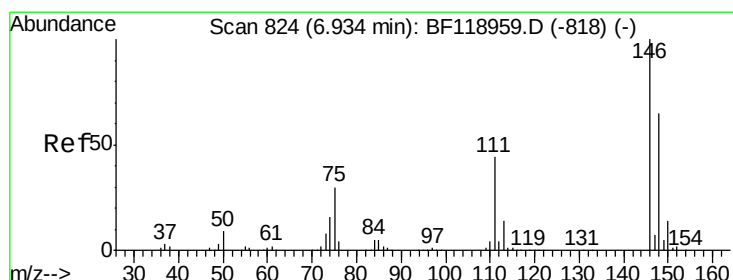
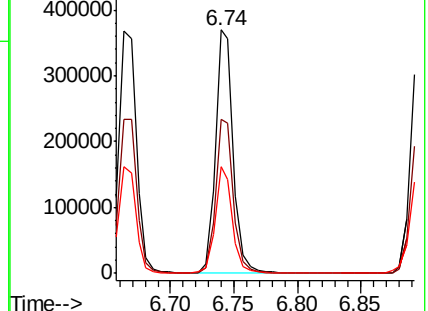
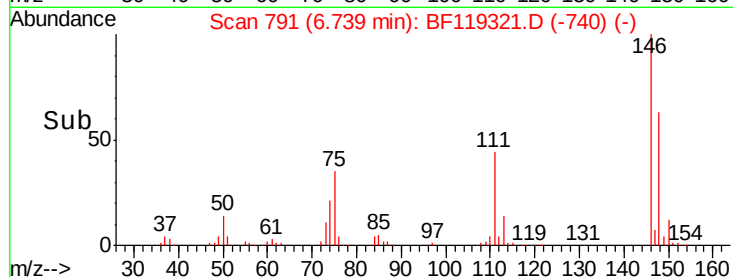
111 43.7 34.8 52.2



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: 46.204 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

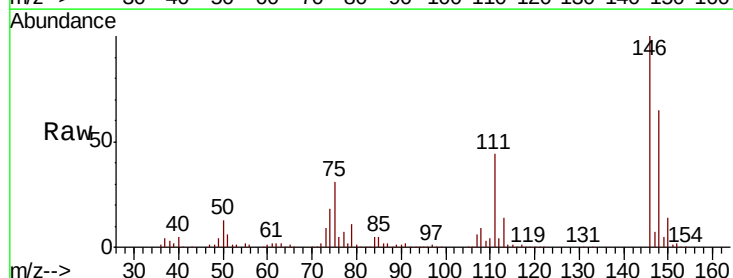
Tgt Ion:146 Resp: 330594

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

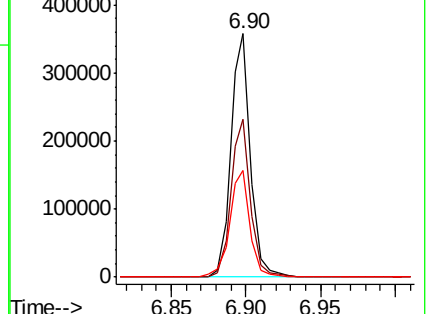
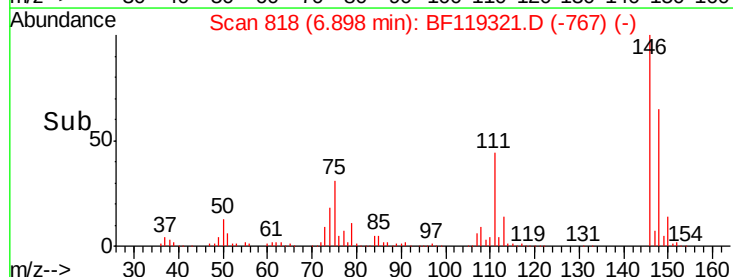
111 43.7 36.2 54.2

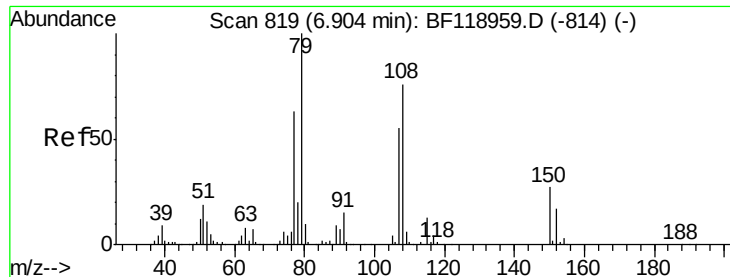


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.868 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampled :

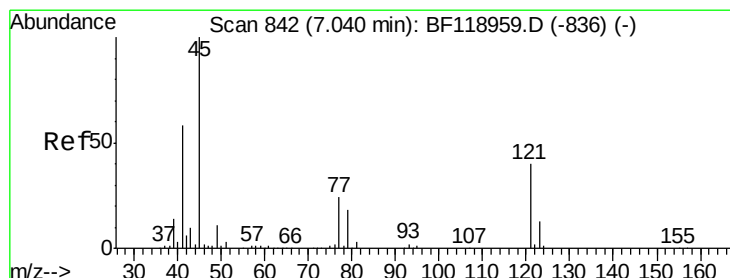
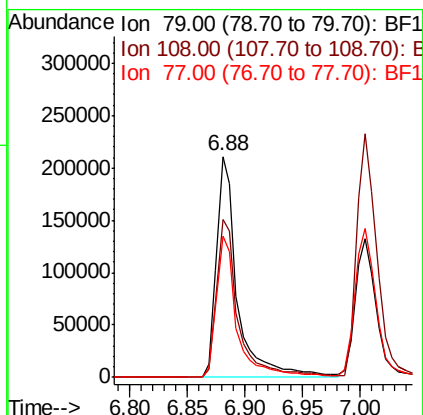
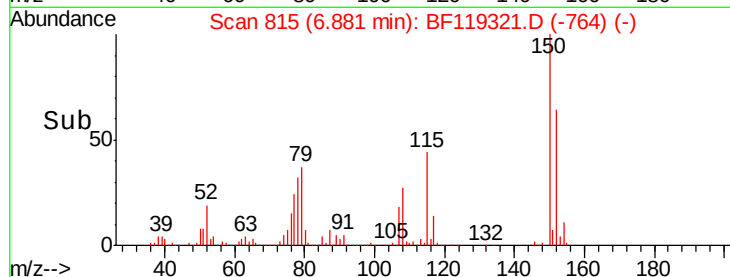
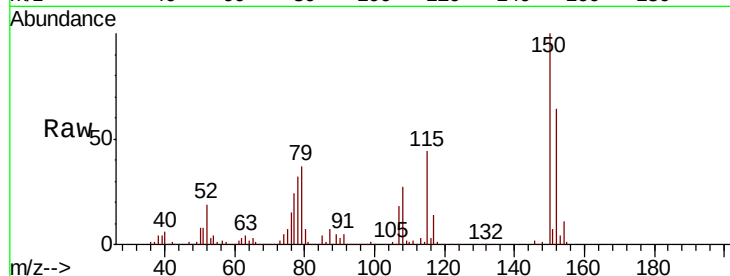
Tot Ion: 79 Resp: 265681

Ion Ratio Lower Upper

79 100

108 71.2 58.2 87.2

77 64.1 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.103 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

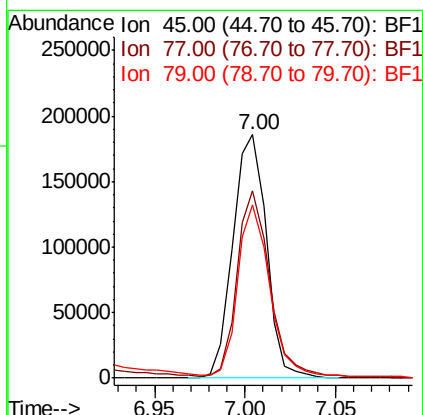
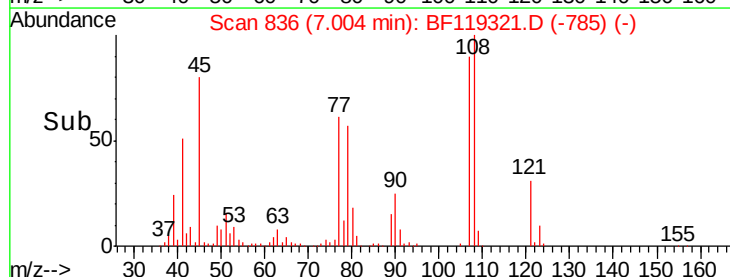
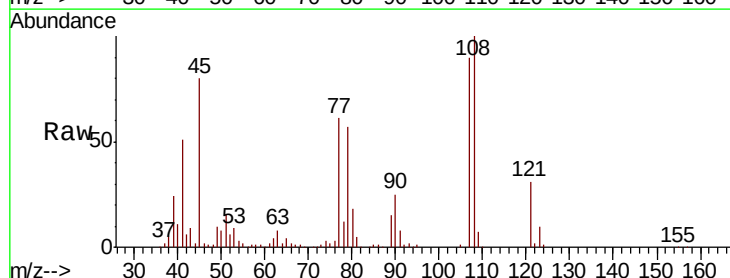
Tgt Ion: 45 Resp: 238259

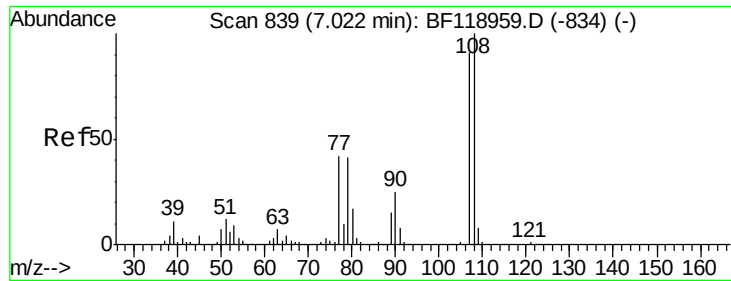
Ion Ratio Lower Upper

45 100

77 76.7 15.0 55.0#

79 71.1 9.4 49.4#

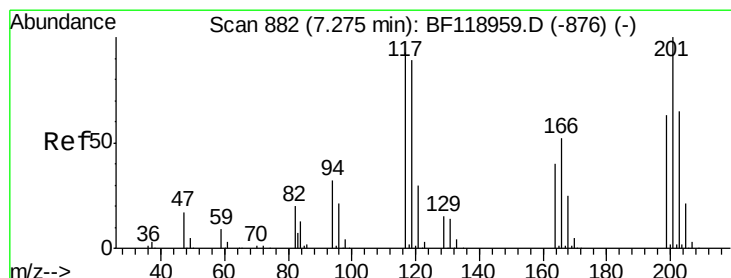
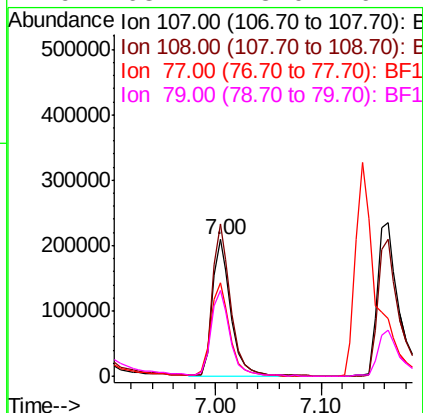
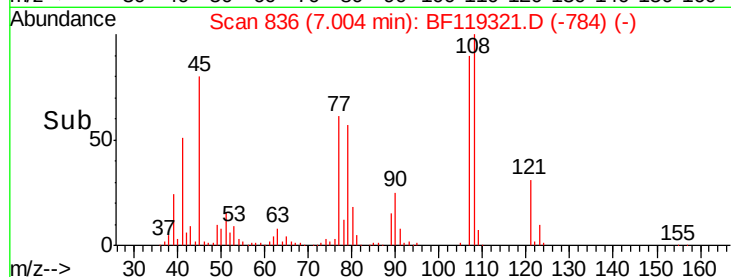
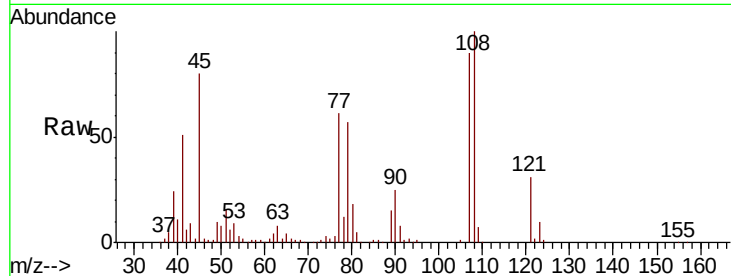




#17
2-Methylphenol
Concen: 48.175 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

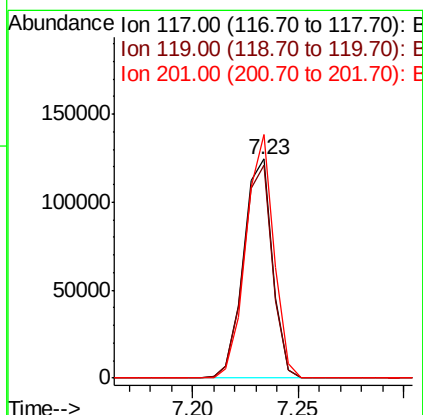
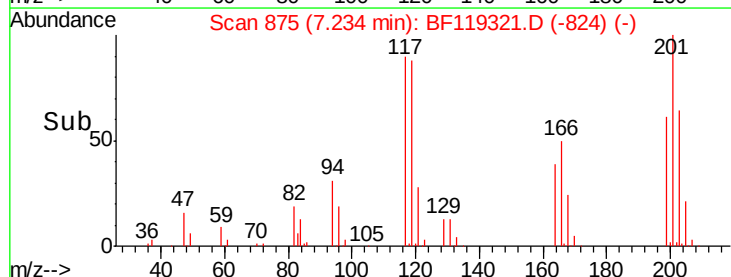
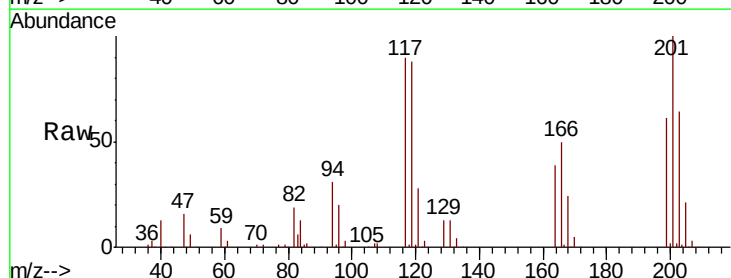
Instrument :
BNA_F
ClientSampled :

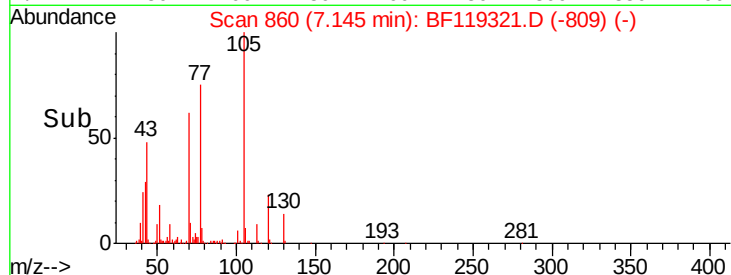
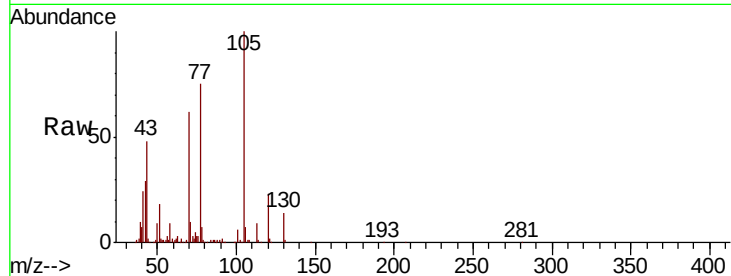
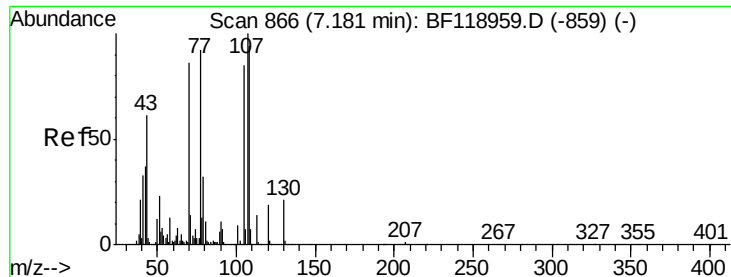
Tot Ion:107 Resp: 255490
Ion Ratio Lower Upper
107 100
108 111.1 87.9 131.9
77 68.1 45.3 67.9#
79 63.1 43.0 64.4



#18
Hexachloroethane
Concen: 42.281 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:117 Resp: 118676
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 111.2 82.6 123.8

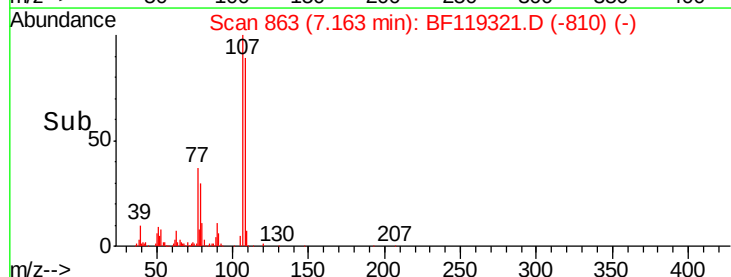
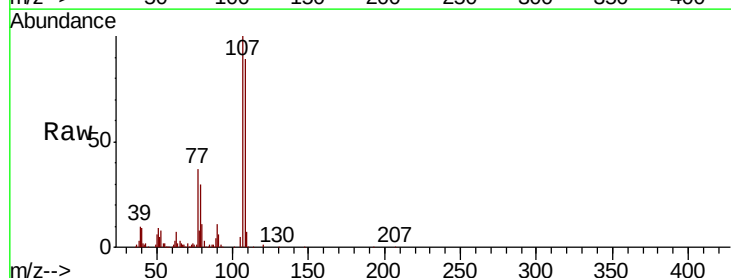
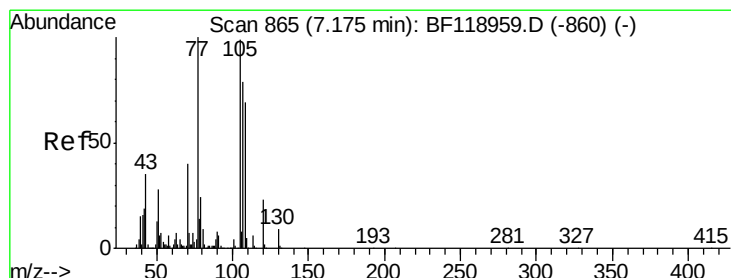
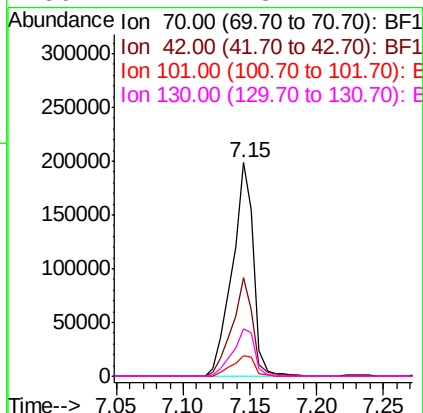




#19
n-Nitroso-di-n-propylamine
Concen: 52.048 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

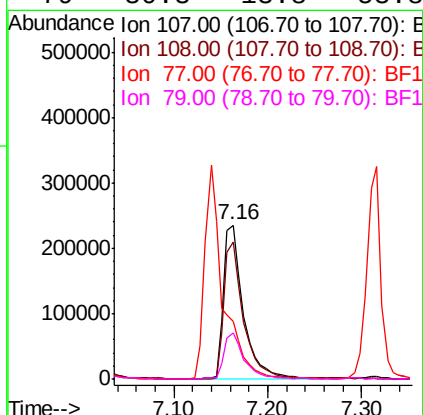
Instrument :
BNA_F
ClientSampleId :

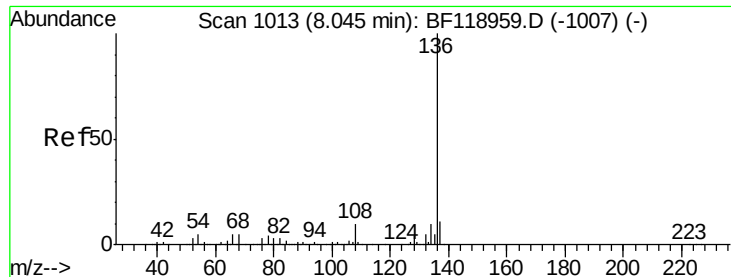
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	38.0	57.0
101	9.9	8.2	12.4
130	22.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 52.869 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.5	111.5
77	37.5	45.9	85.9#
79	30.3	13.8	53.8

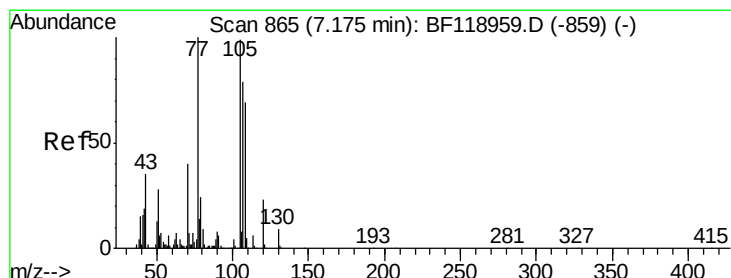
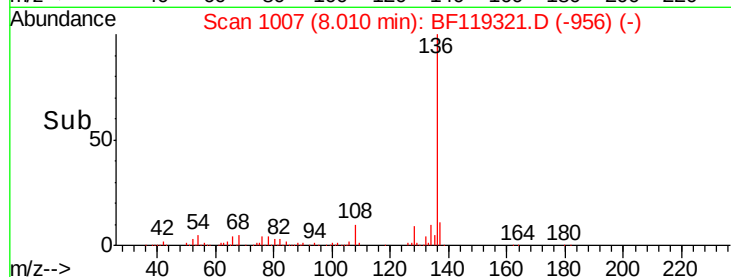
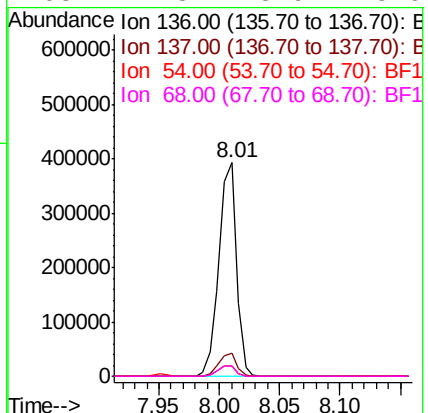
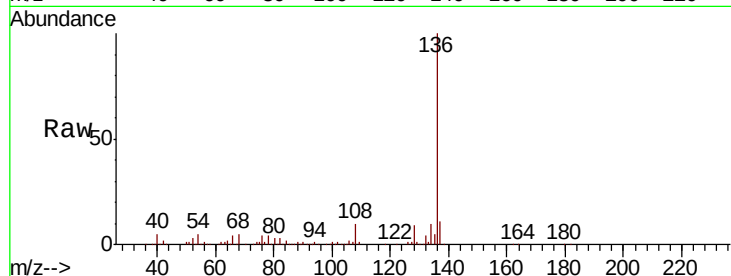




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

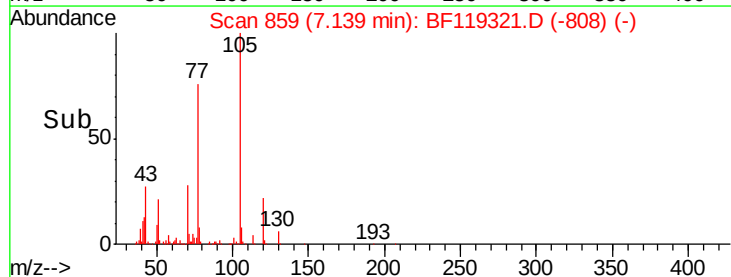
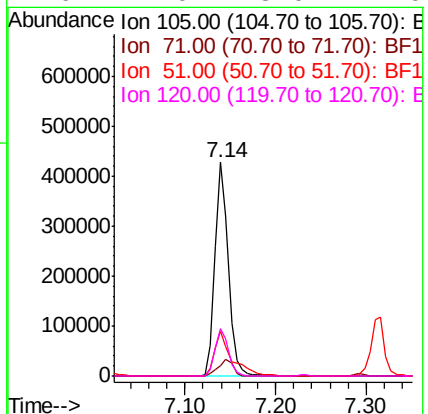
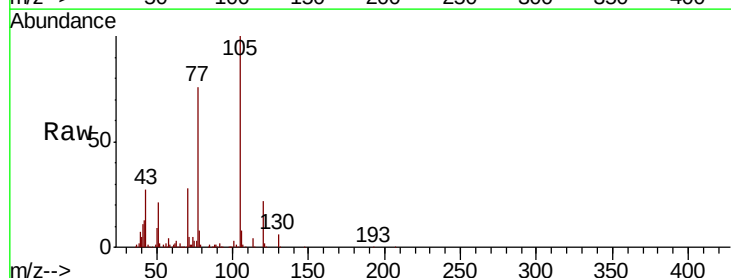
Instrument :
BNA_F
ClientSampleId :

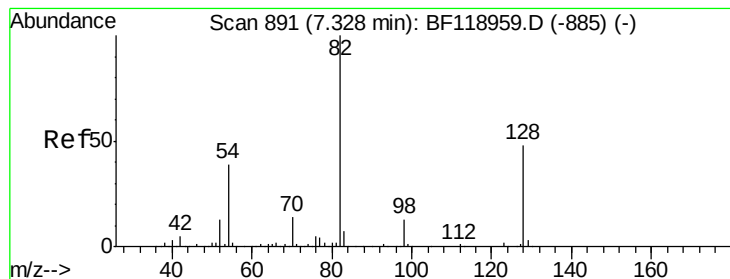
Tot Ion:136	Resp:	393007
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	4.7	3.8 5.6
68	4.8	3.9 5.9



#22
Acetophenone
Concen: 48.273 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:105	Resp:	438957
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.0 4.4#
51	20.9	20.1 30.1
120	22.0	18.0 27.0





#23

Nitrobenzene-d5

Concen: 74.283 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

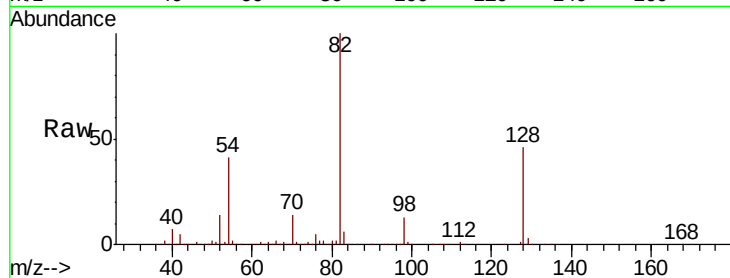
Tot Ion: 82 Resp: 552914

Ion Ratio Lower Upper

82 100

128 45.6 37.9 56.9

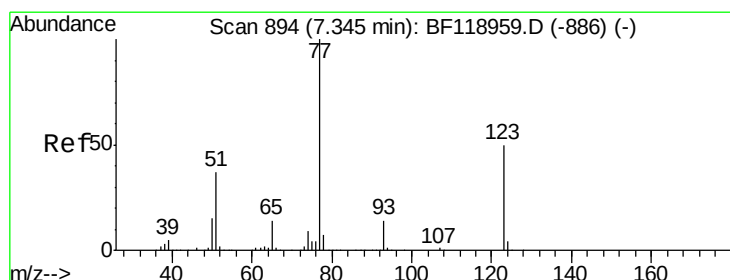
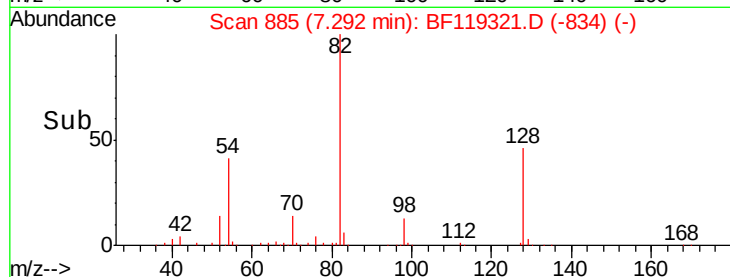
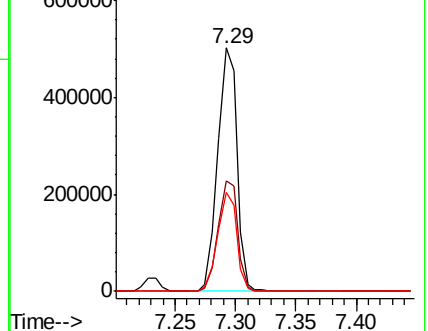
54 40.8 33.4 50.2



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: 45.650 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

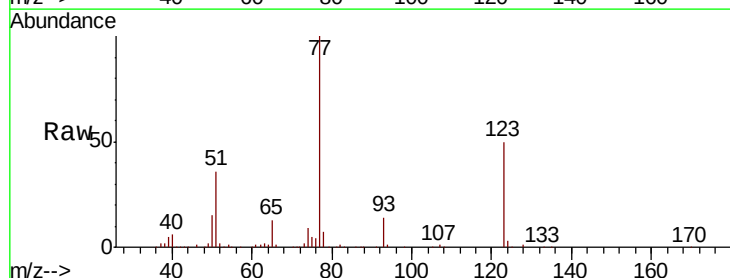
Tgt Ion: 77 Resp: 336015

Ion Ratio Lower Upper

77 100

123 49.7 40.2 60.2

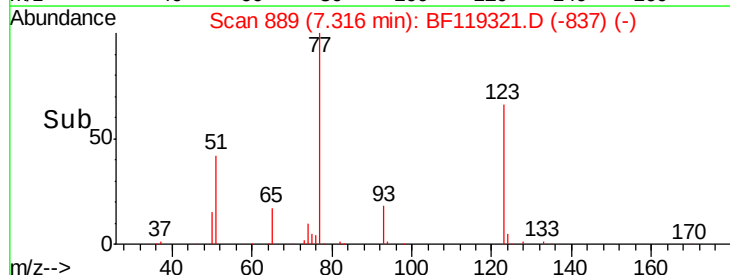
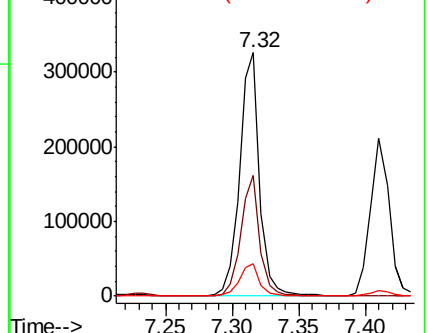
65 13.3 10.8 16.2

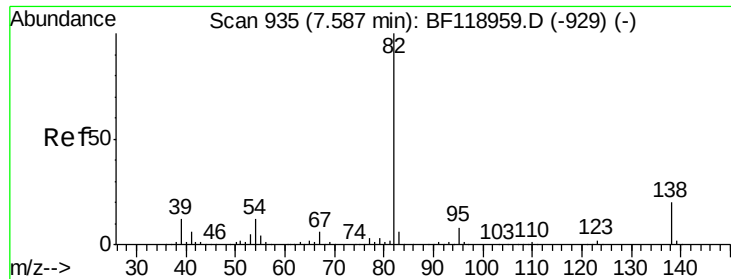


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.114 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

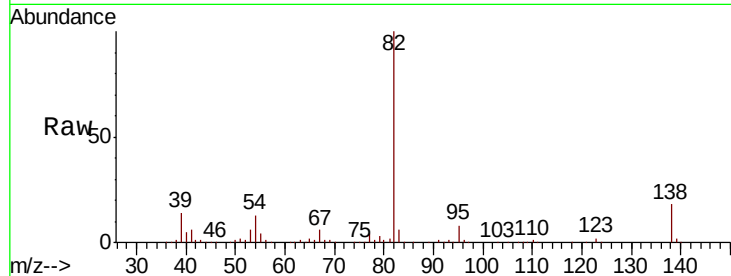
Tot Ion: 82 Resp: 596114

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

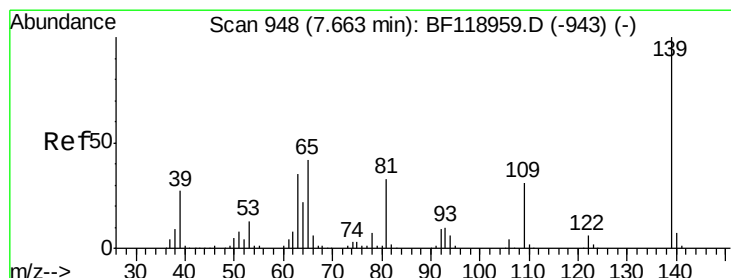
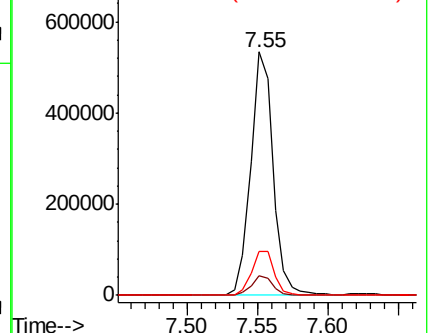
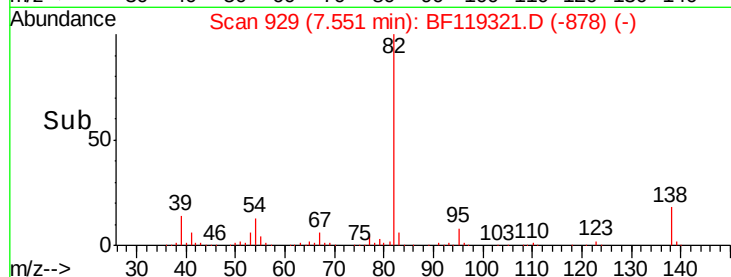
138 18.2 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.218 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

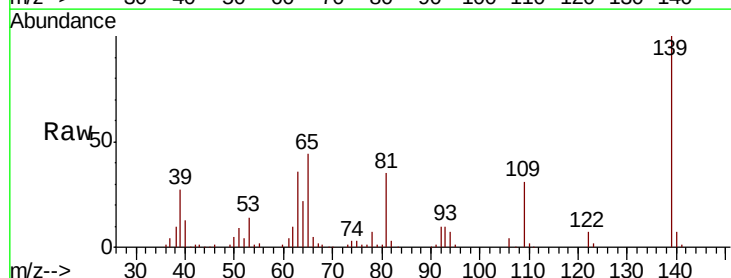
Tgt Ion: 139 Resp: 160752

Ion Ratio Lower Upper

139 100

109 30.9 25.7 38.5

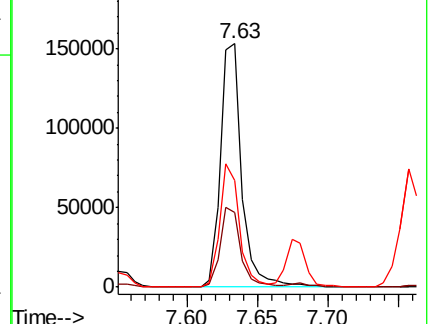
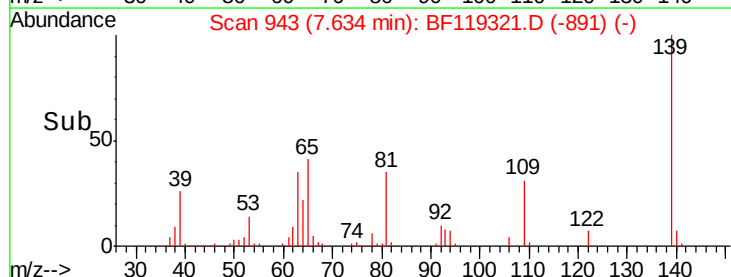
65 43.8 37.1 55.7

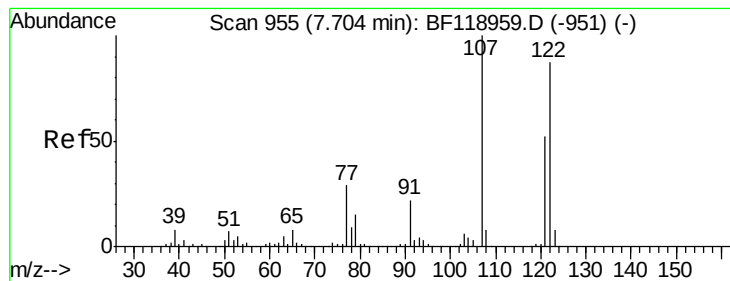


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.175 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampled :

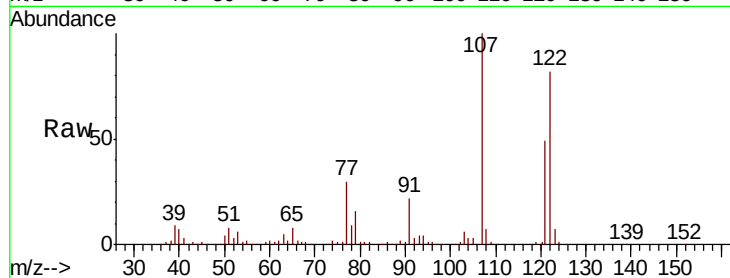
Tot Ion:122 Resp: 270875

Ion Ratio Lower Upper

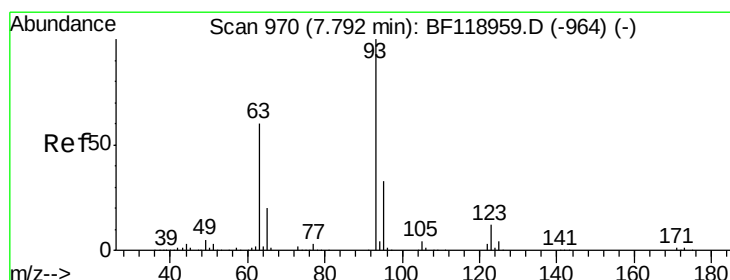
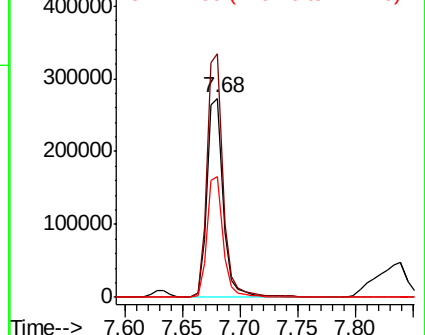
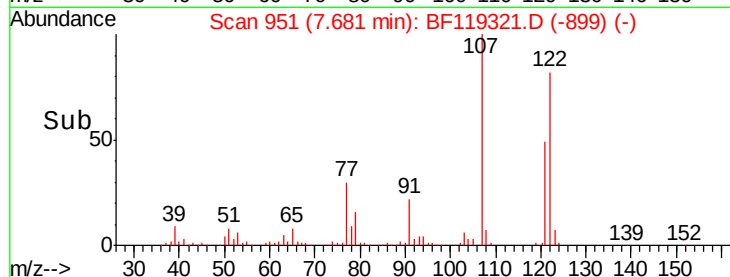
122 100

107 122.1 93.8 140.6

121 60.4 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: 43.658 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

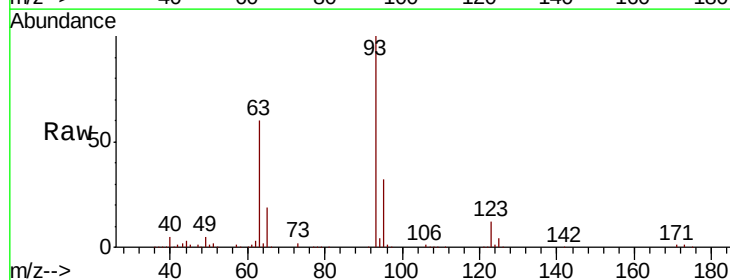
Tgt Ion: 93 Resp: 367341

Ion Ratio Lower Upper

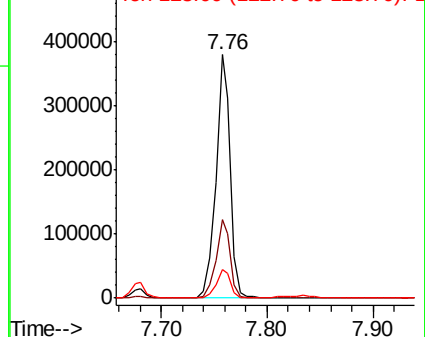
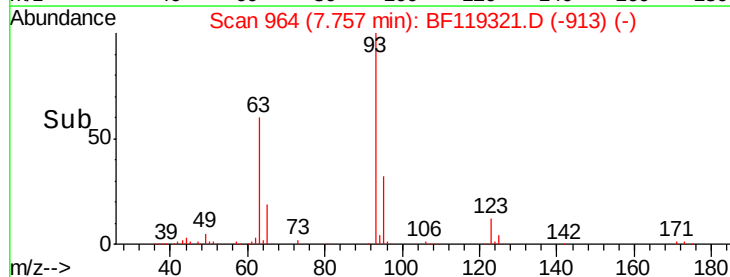
93 100

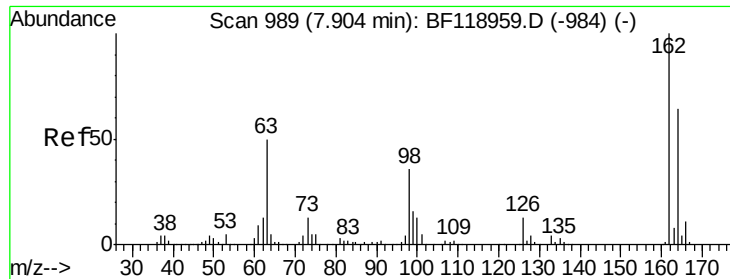
95 32.3 26.5 39.7

123 11.5 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

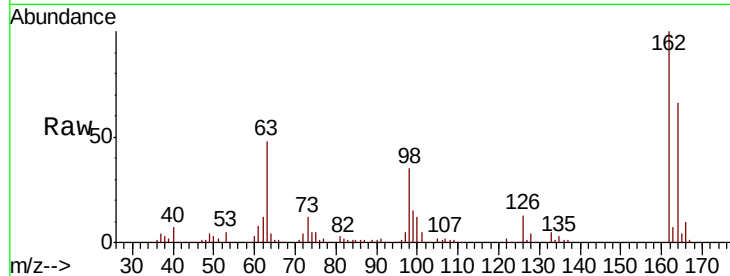




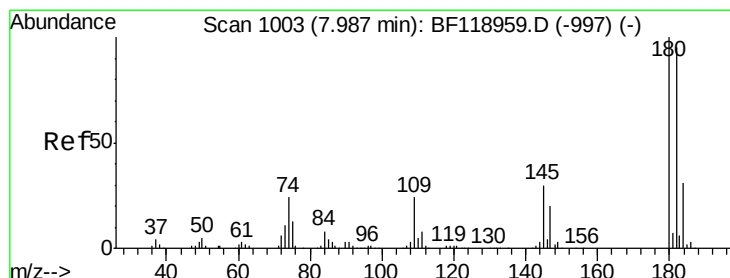
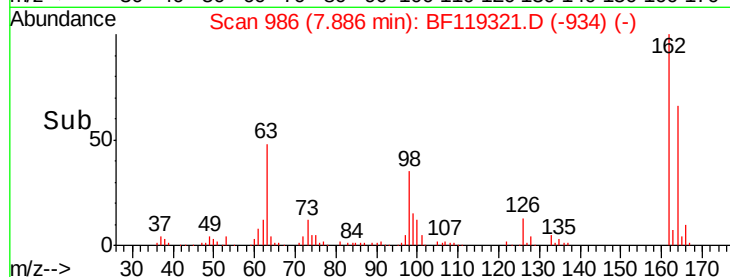
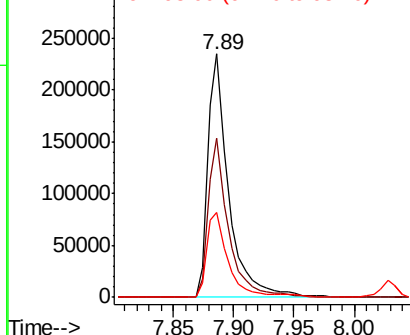
#29
2,4-Dichlorophenol
Concen: 44.743 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 278804
Ion Ratio Lower Upper
162 100
164 65.6 45.2 85.2
98 34.9 17.4 57.4

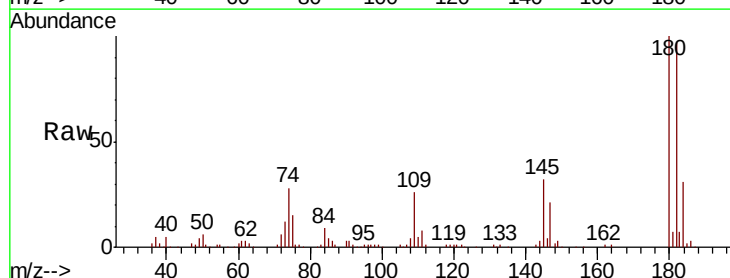


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

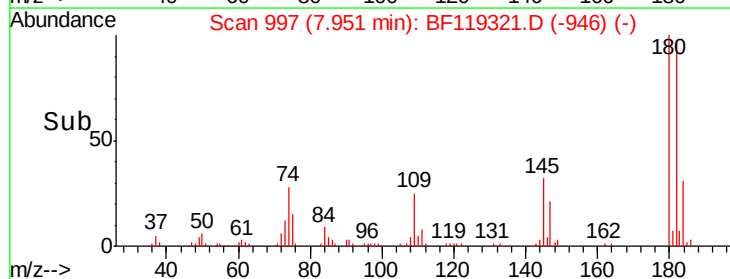
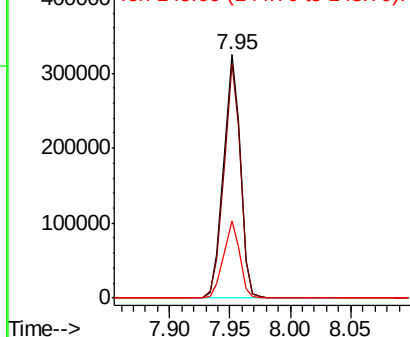


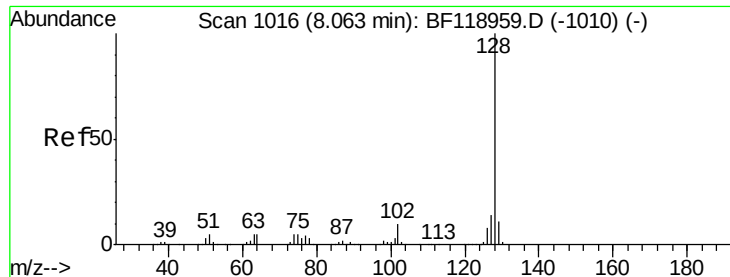
#30
1,2,4-Trichlorobenzene
Concen: 42.055 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:180 Resp: 310701
Ion Ratio Lower Upper
180 100
182 96.5 77.8 116.6
145 31.9 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

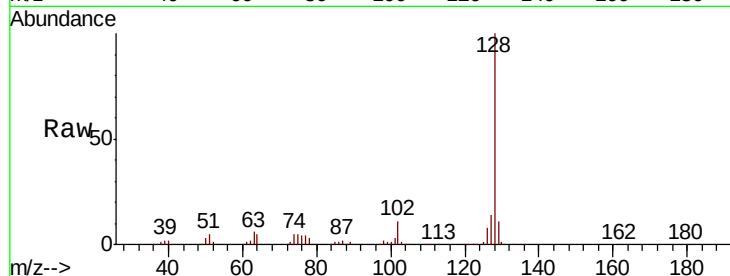




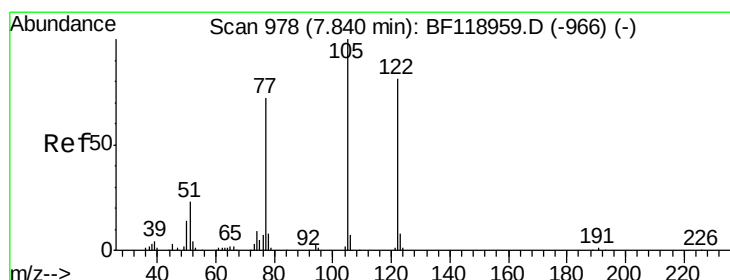
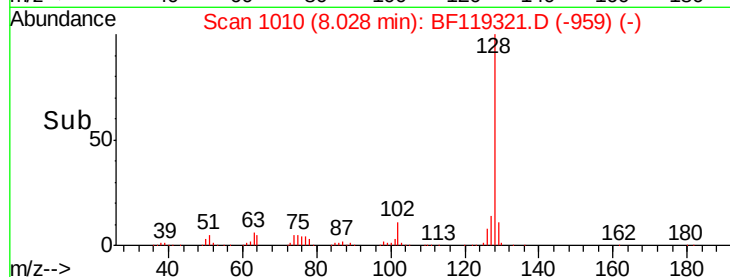
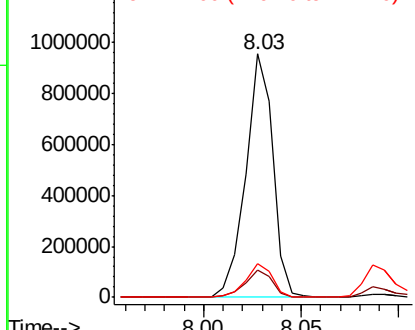
#31
Naphthalene
Concen: 45.300 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 923309
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.6 11.4 17.2

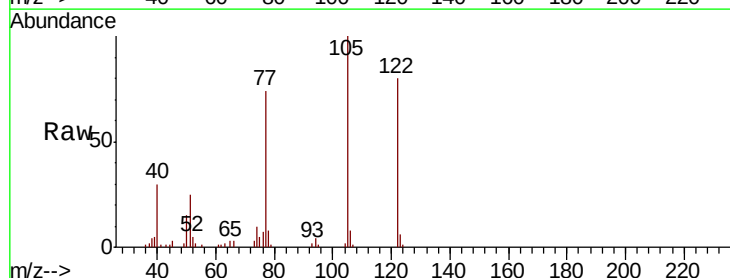


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

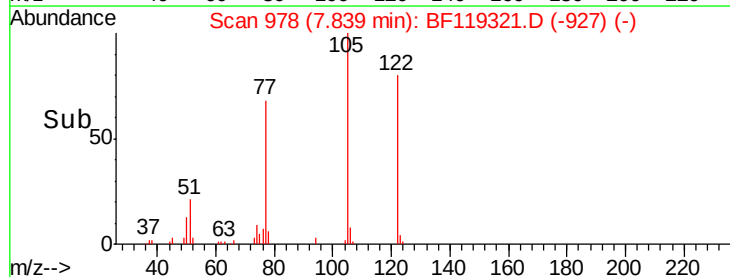
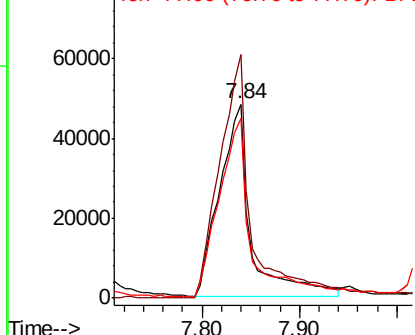


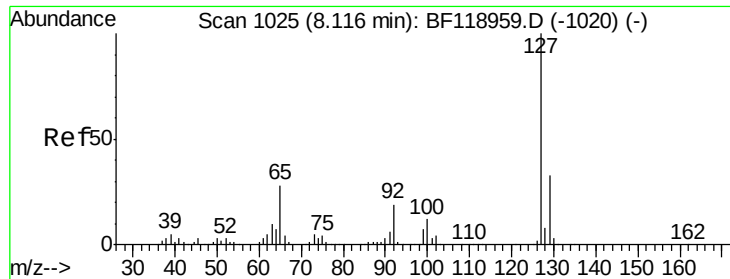
#32
Benzoic acid
Concen: 30.354 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:122 Resp: 106216
Ion Ratio Lower Upper
122 100
105 125.5 106.3 146.3
77 92.6 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

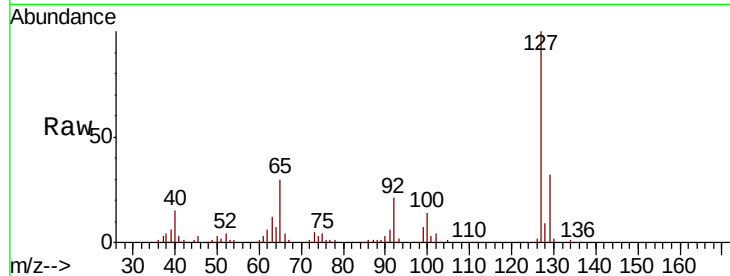




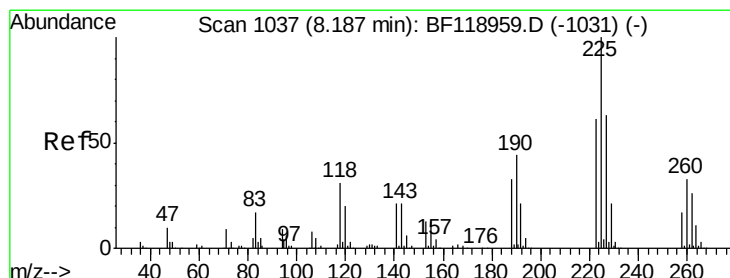
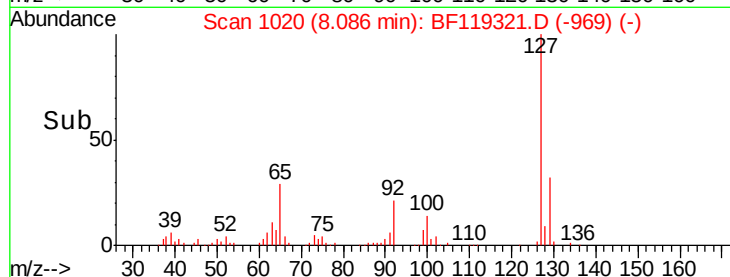
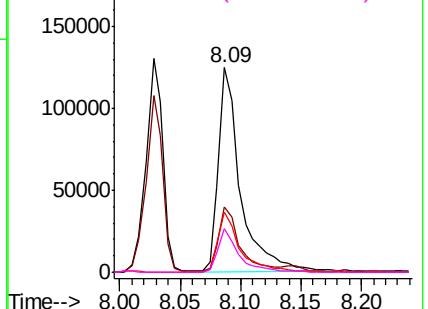
#33
4-Chloroaniline
Concen: 17.870 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	156657
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.7	23.9	35.9
92	21.1	16.3	24.5

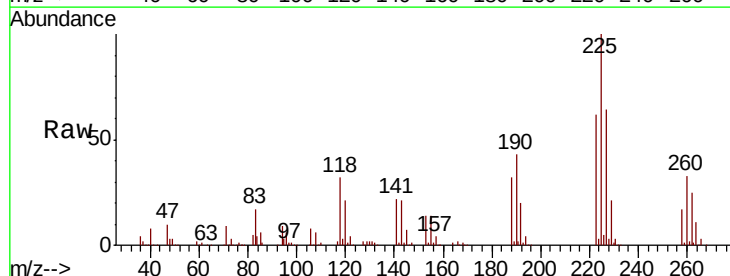


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

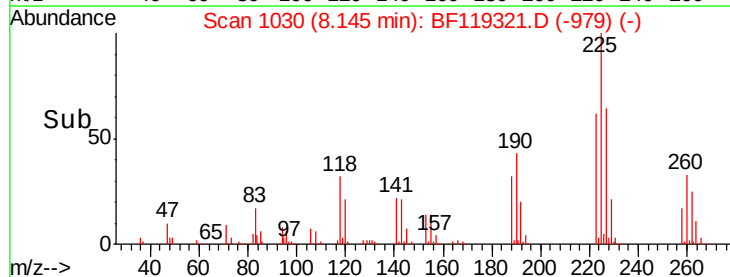
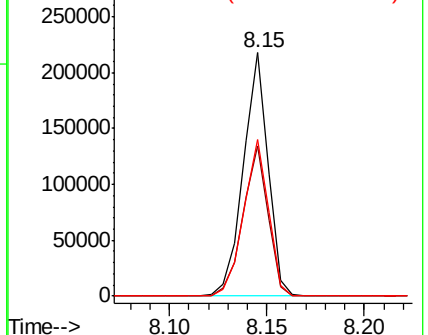


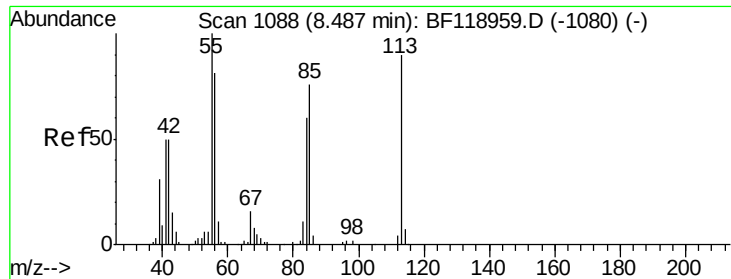
#34
Hexachlorobutadiene
Concen: 41.523 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:	225	Resp:	191088
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.2
227	64.1	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

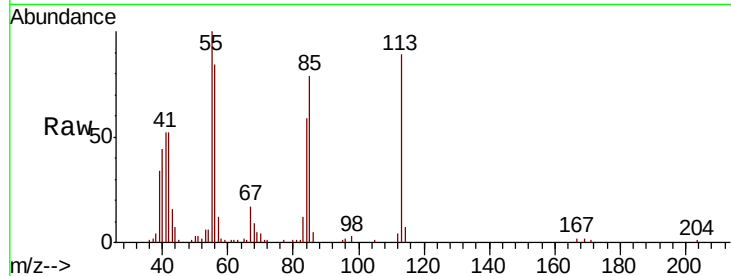




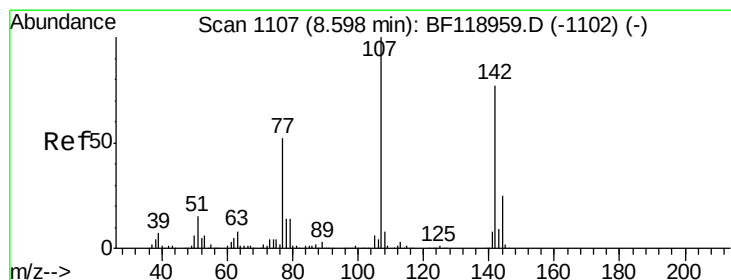
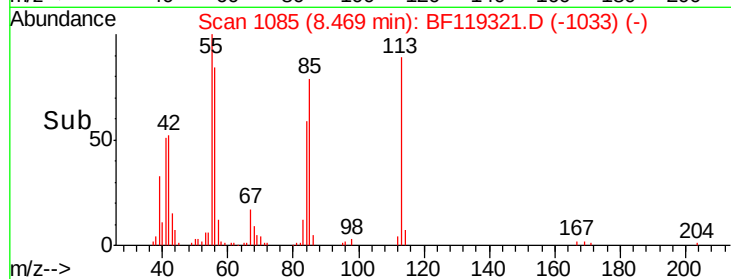
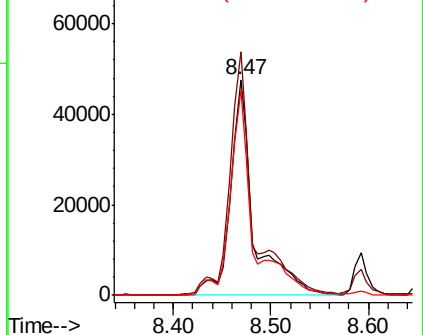
#35
 Caprolactam
 Concen: 41.548 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 79718
 Ion Ratio Lower Upper
 113 100
 55 113.0 95.7 135.7
 56 95.4 73.1 113.1

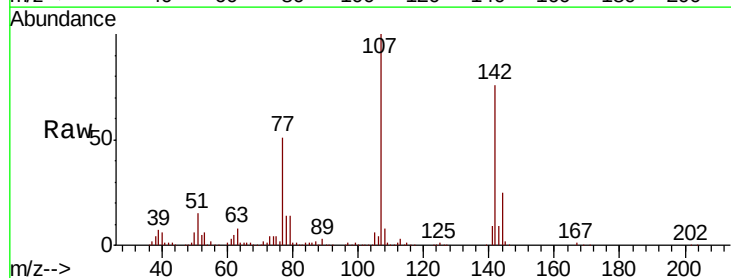


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

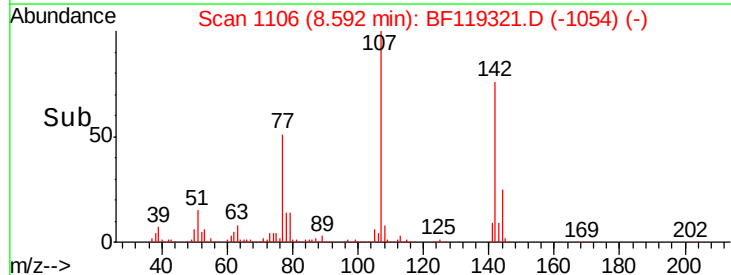
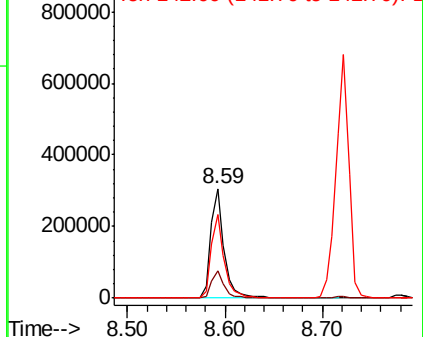


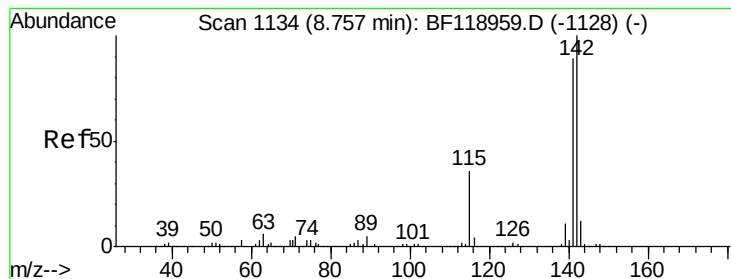
#36
 4-Chloro-3-methylphenol
 Concen: 45.954 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion:107 Resp: 289799
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.1 30.1
 142 76.5 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: 45.543 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

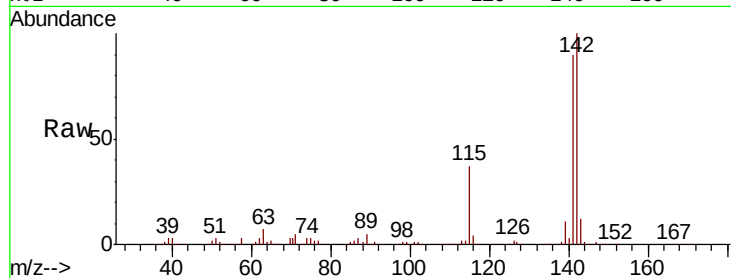
Tot Ion:142 Resp: 624691

Ion Ratio Lower Upper

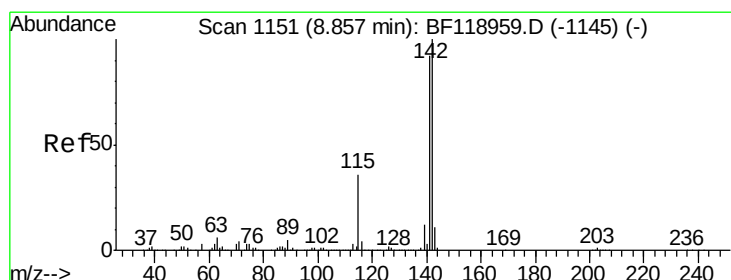
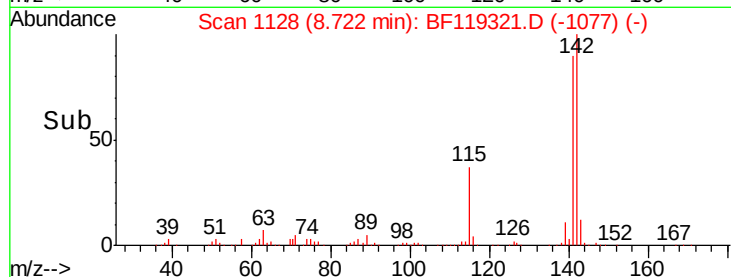
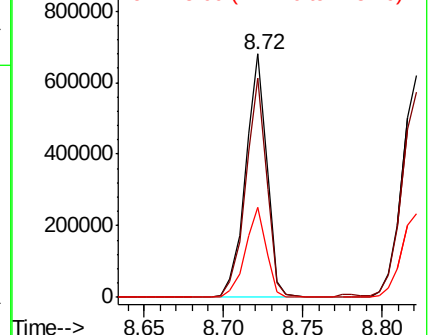
142 100

141 90.1 72.3 108.5

115 36.9 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



#38

1-Methylnaphthalene

Concen: 44.804 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

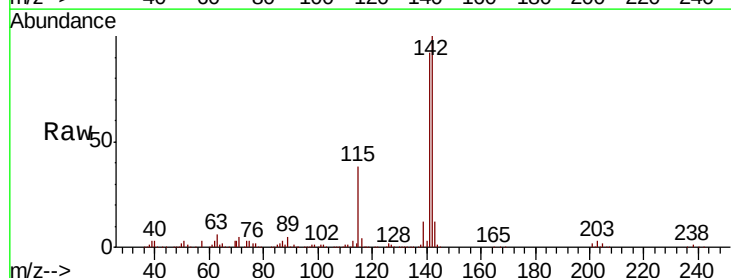
Tgt Ion:142 Resp: 577962

Ion Ratio Lower Upper

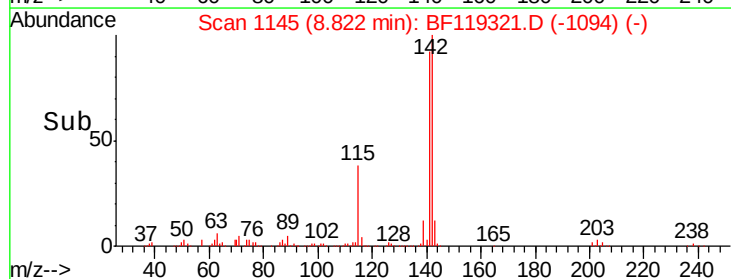
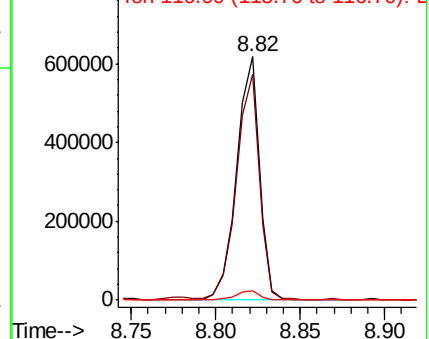
142 100

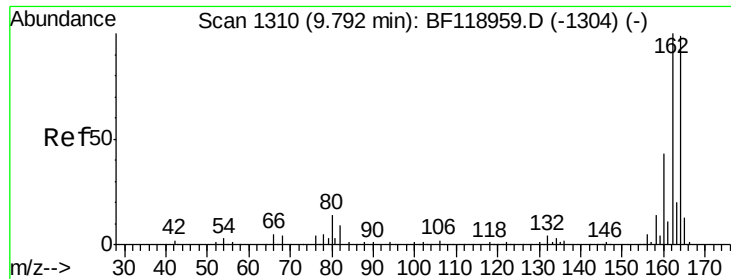
141 92.5 75.8 113.6

116 3.9 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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

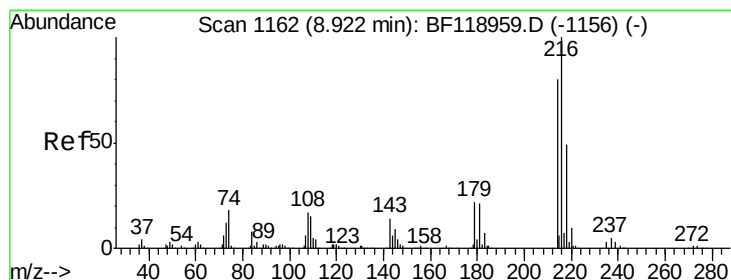
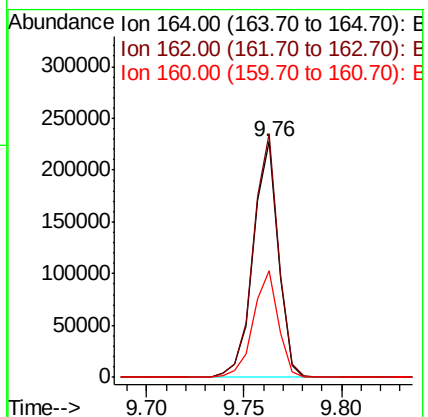
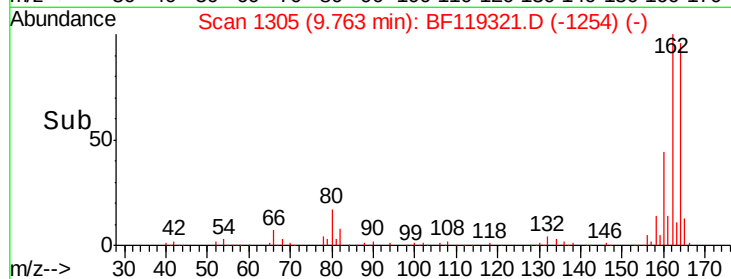
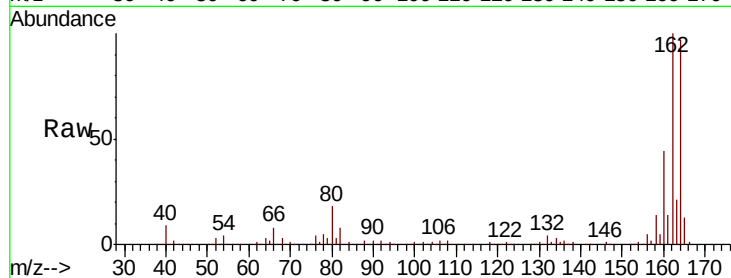
Tot Ion:164 Resp: 202222

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.8

160 45.2 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.427 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Tgt Ion:216 Resp: 309727

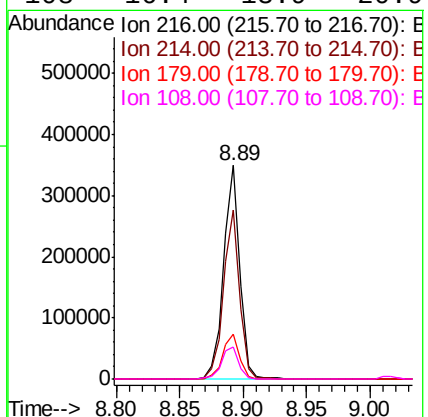
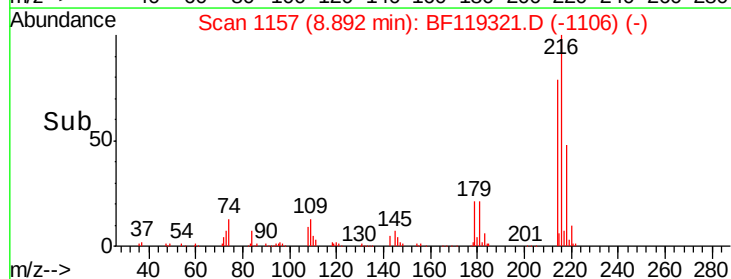
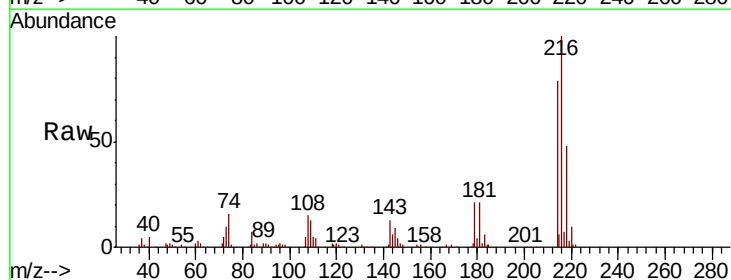
Ion Ratio Lower Upper

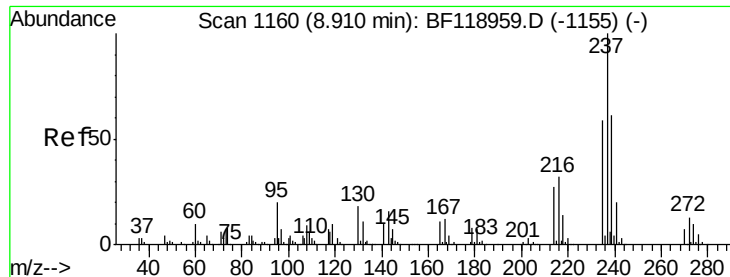
216 100

214 79.0 63.3 94.9

179 21.8 17.7 26.5

108 16.4 13.9 20.9

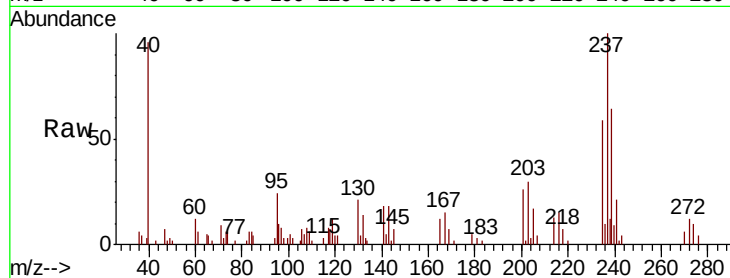




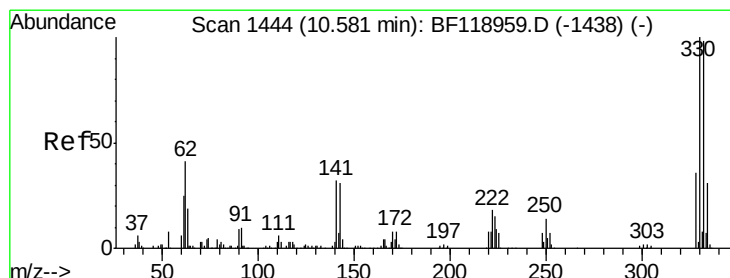
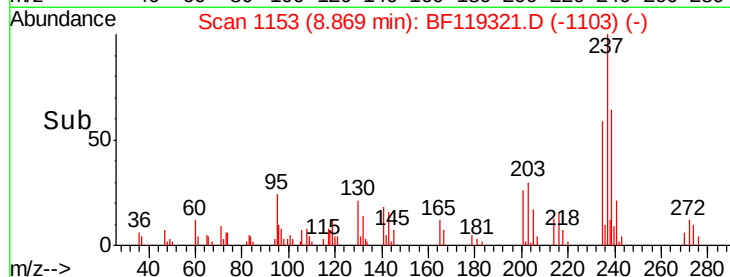
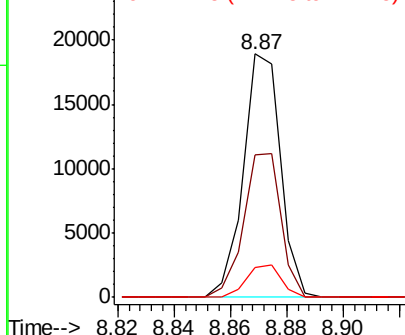
#41
Hexachlorocyclopentadiene
Concen: 15.542 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 17286
Ion Ratio Lower Upper
237 100
235 58.7 42.3 82.3
272 12.0 0.0 33.5

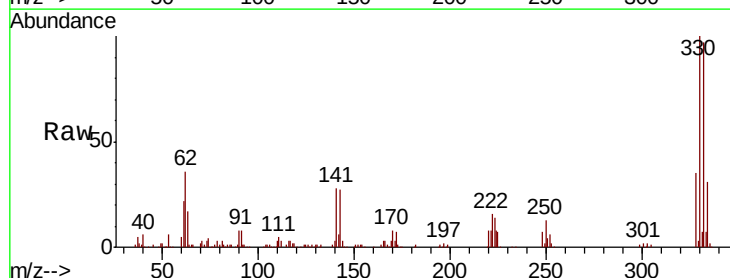


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

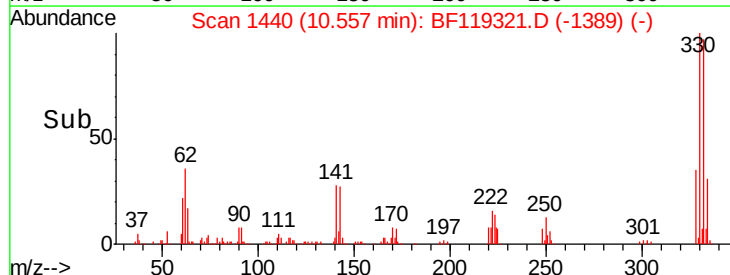
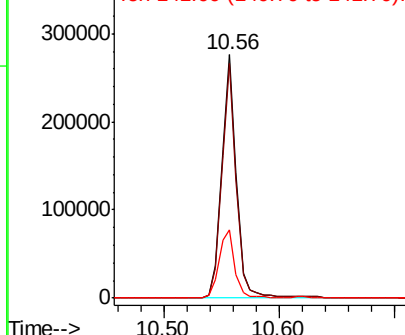


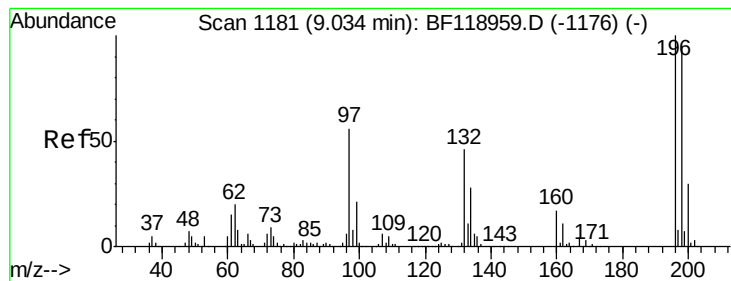
#42
2,4,6-Tribromophenol
Concen: 92.581 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:330 Resp: 244914
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 30.2 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: 44.075 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

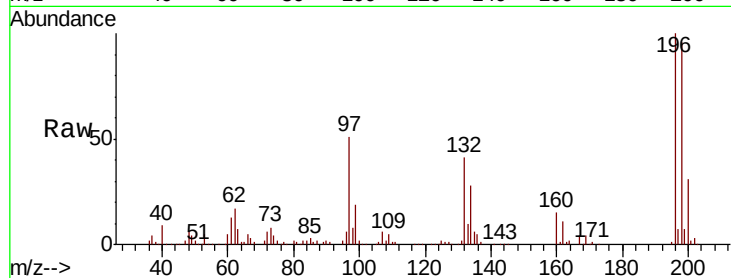
Tot Ion:196 Resp: 189767

Ion Ratio Lower Upper

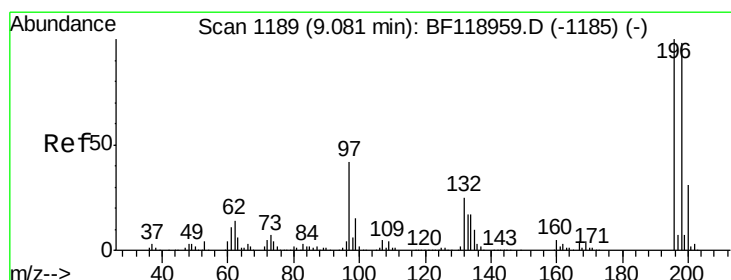
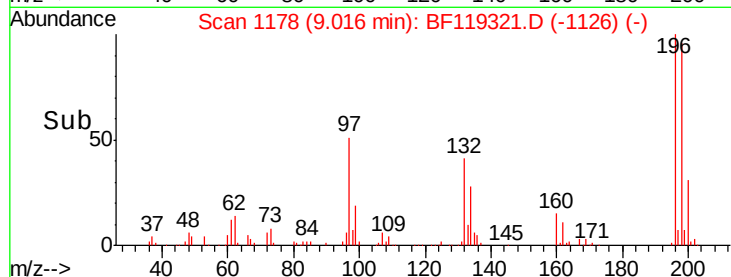
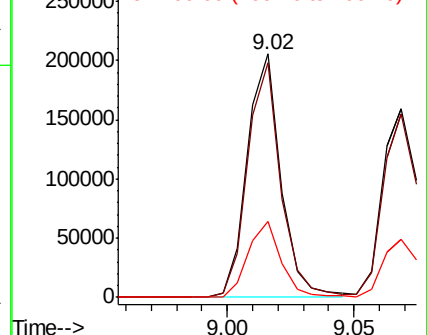
196 100

198 96.3 77.1 115.7

200 31.3 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: 42.224 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Tgt Ion:196 Resp: 190773

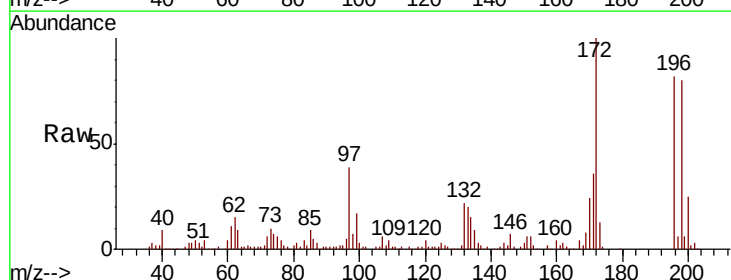
Ion Ratio Lower Upper

196 100

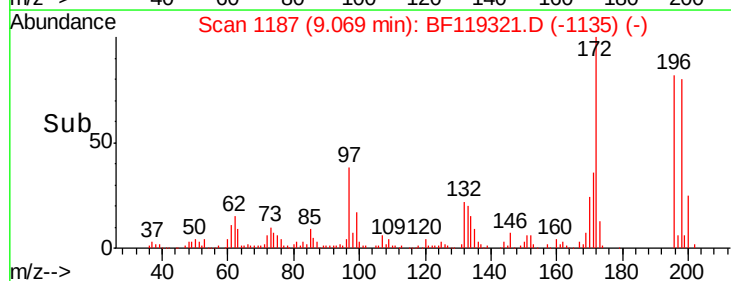
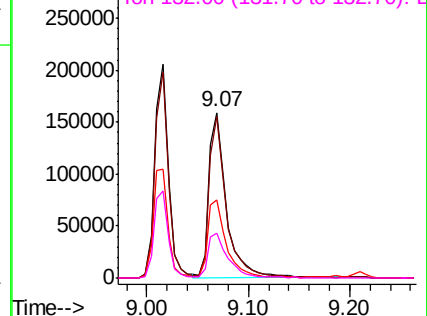
198 97.5 76.8 115.2

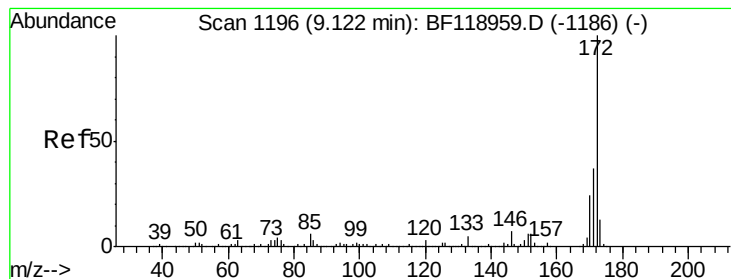
97 47.4 38.5 57.7

132 26.8 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



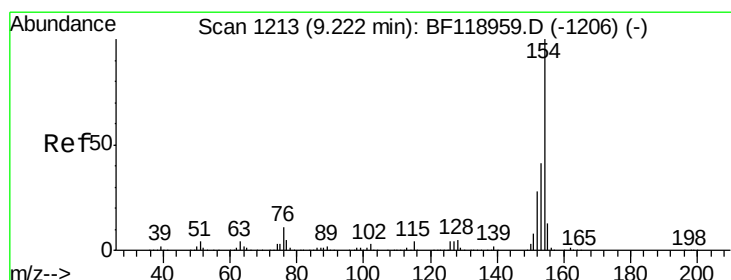
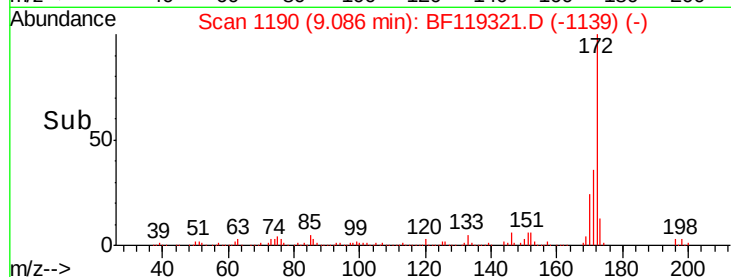
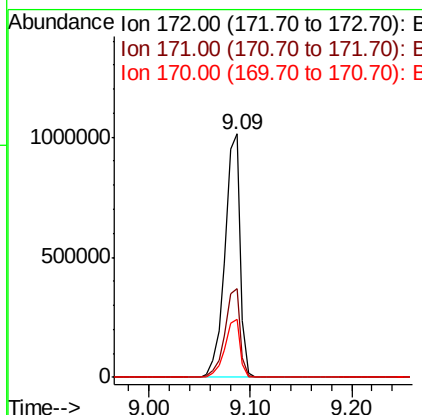
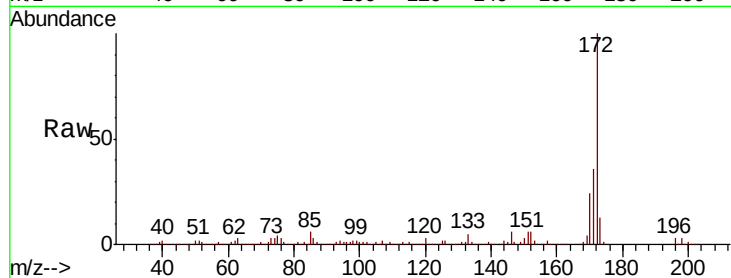


#45
 2-Fluorobiphenyl
 Concen: 76.833 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1054689

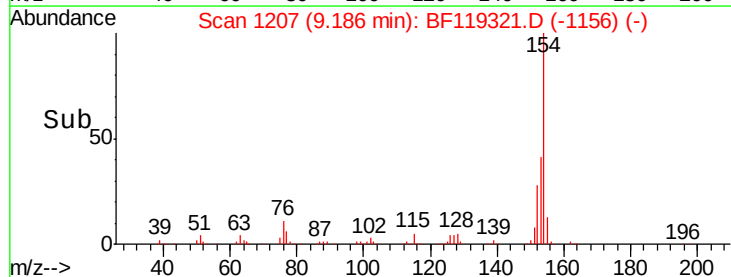
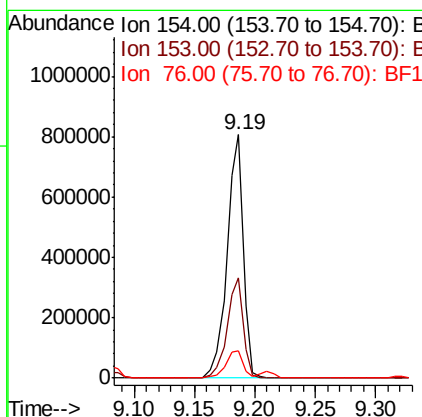
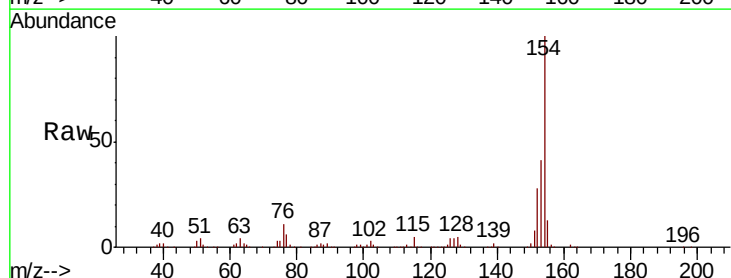
Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	23.8	20.2	30.2

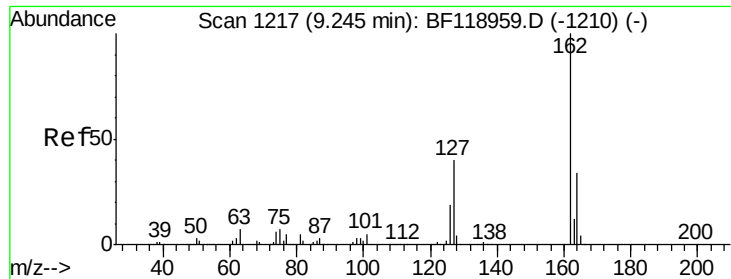


#46
 1,1'-Biphenyl
 Concen: 45.741 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion:154 Resp: 747572

Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.8	62.8
76	11.0	0.0	32.2

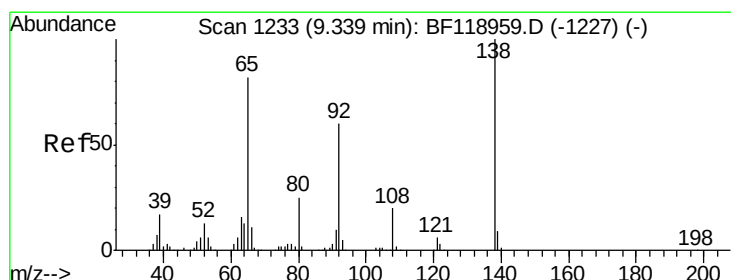
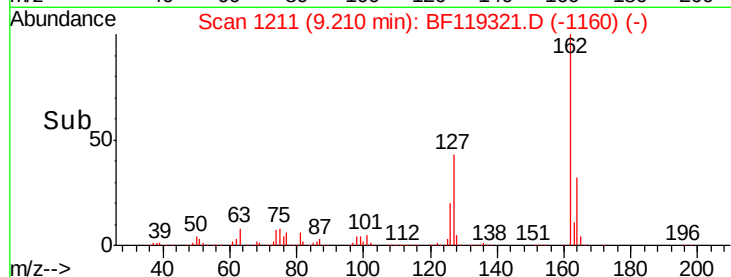
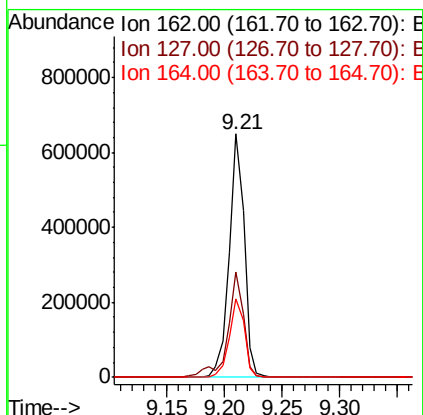
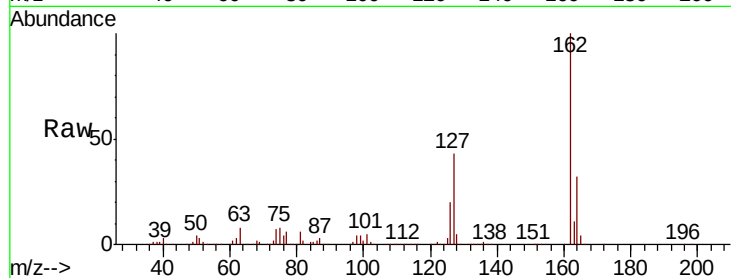




#47
 2-Chloronaphthalene
 Concen: 44.457 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

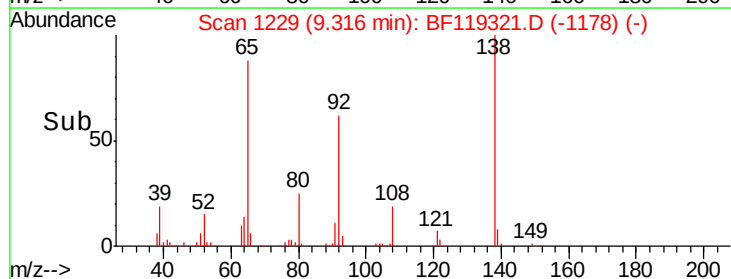
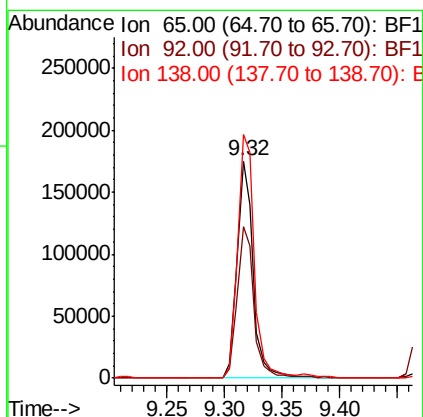
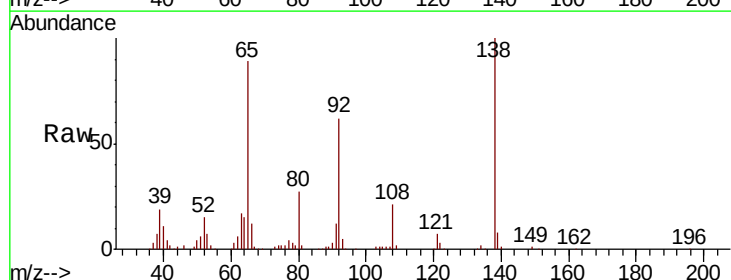
Instrument :
 BNA_F
 ClientSampleId :

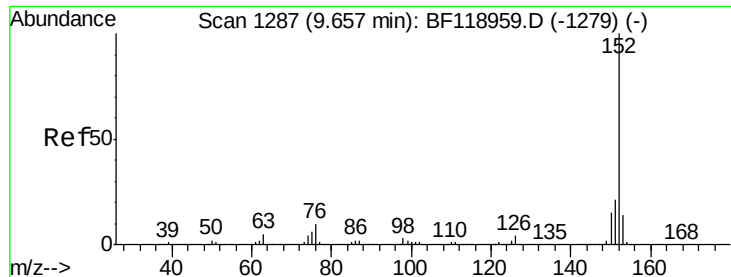
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	35.0	52.4
164	32.3	27.2	40.8



#48
 2-Nitroaniline
 Concen: 46.246 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	58.2	87.2
138	112.3	95.6	143.4





#49

Acenaphthylene

Concen: 45.859 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

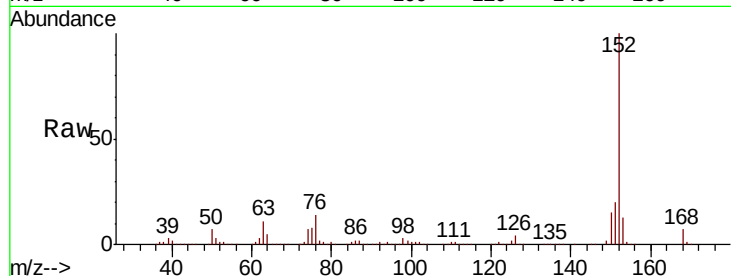
Tot Ion:152 Resp: 872339

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

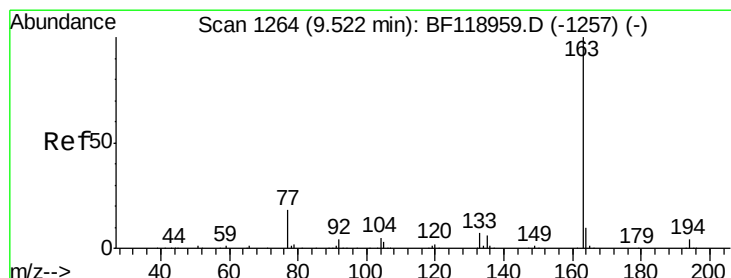
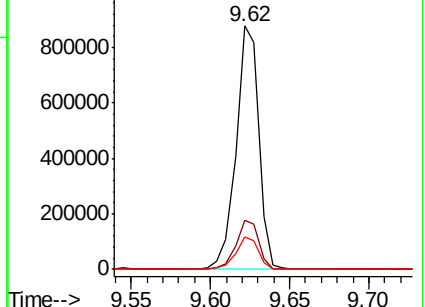
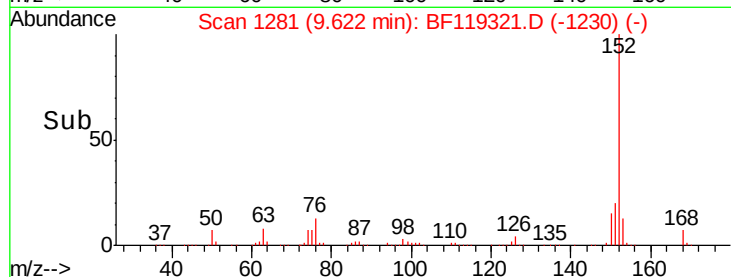
153 13.5 11.0 16.6



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: 54.449 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

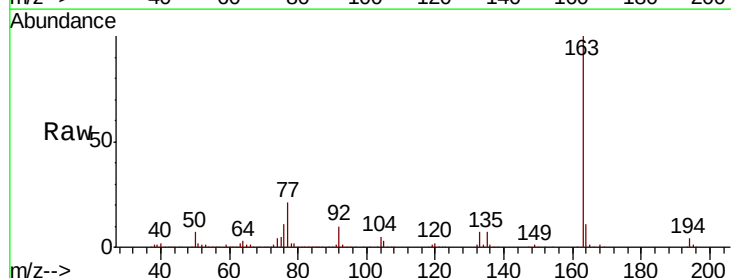
Tgt Ion:163 Resp: 841972

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

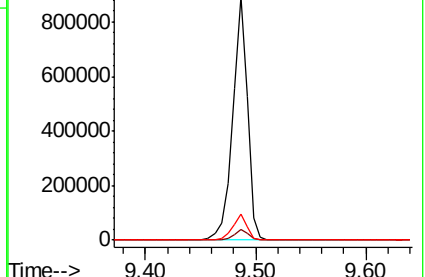
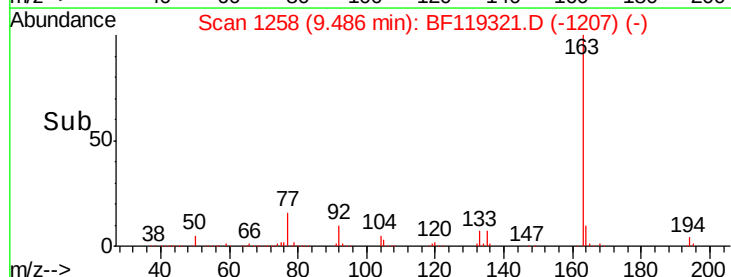
164 10.6 8.4 12.6

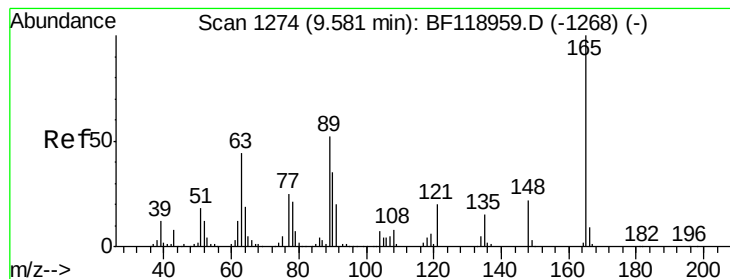


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.715 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampled :

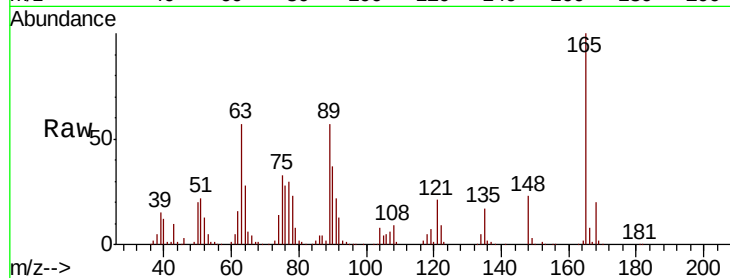
Tot Ion:165 Resp: 146751

Ion Ratio Lower Upper

165 100

63 56.9 34.3 51.5#

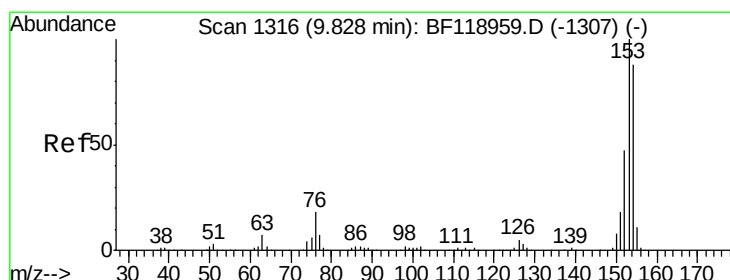
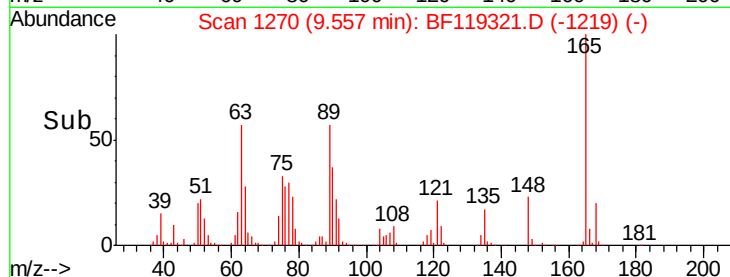
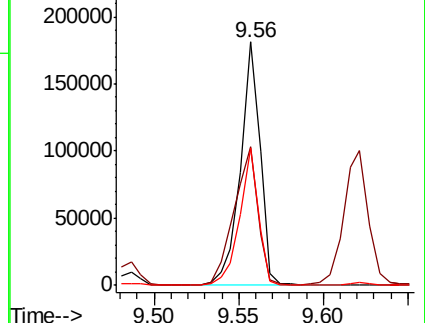
89 56.7 38.3 57.5



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: 44.509 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

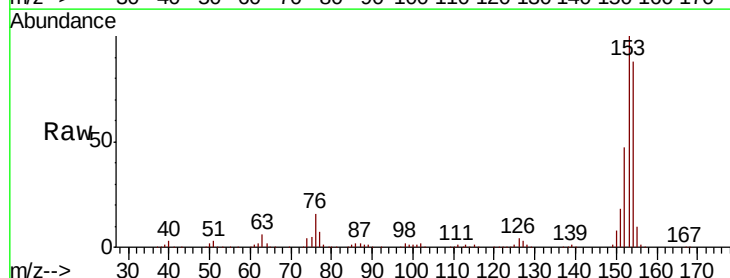
Tgt Ion:154 Resp: 510523

Ion Ratio Lower Upper

154 100

153 113.7 90.3 135.5

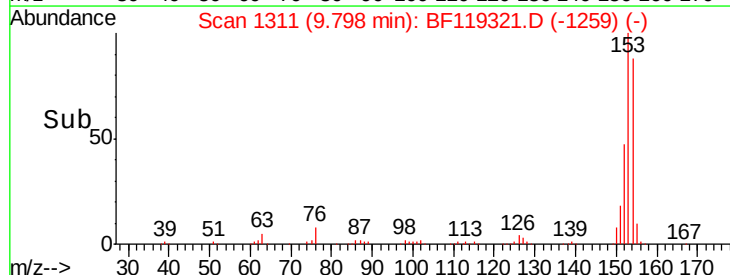
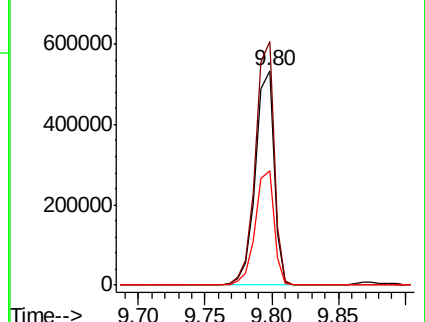
152 53.2 43.8 65.8

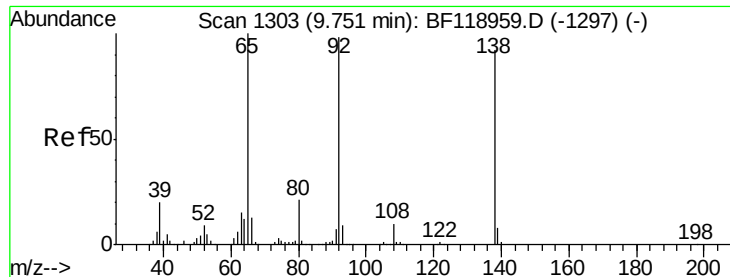


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

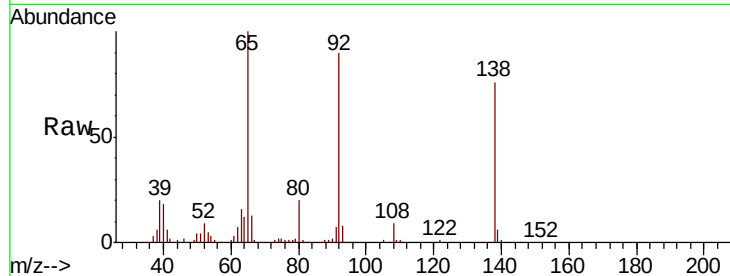




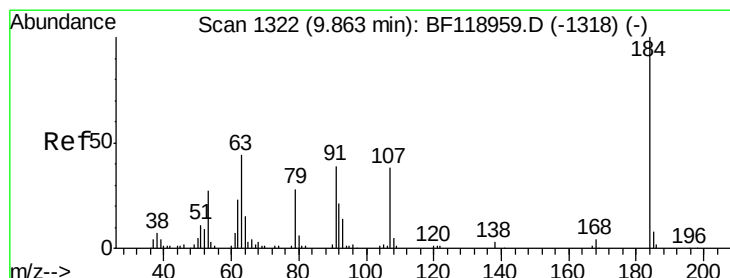
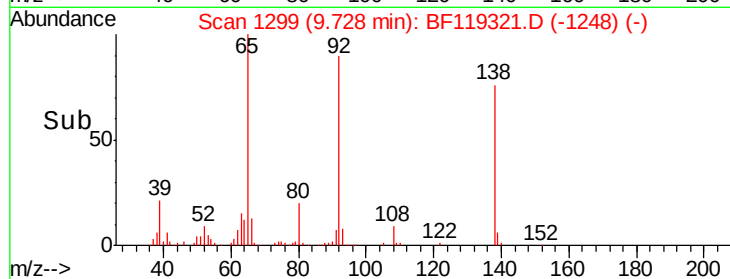
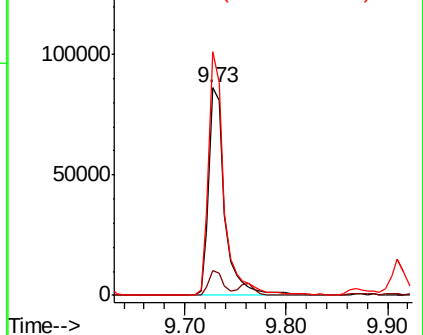
#53
3-Nitroaniline
Concen: 25.244 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 96146
Ion Ratio Lower Upper
138 100
108 12.1 8.8 13.2
92 117.3 84.8 127.2

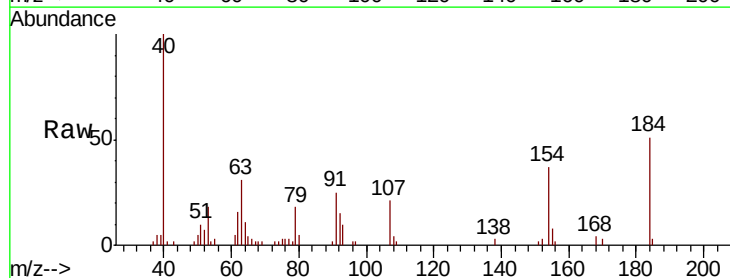


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

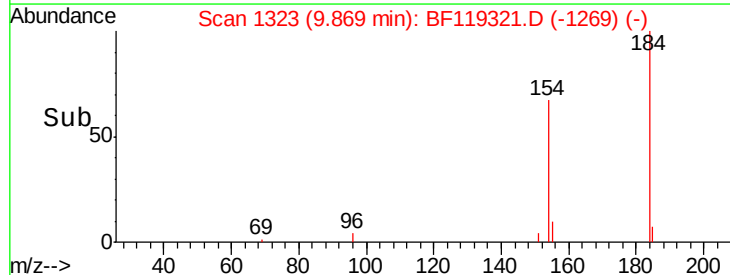
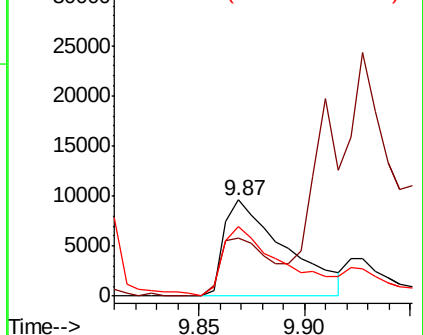


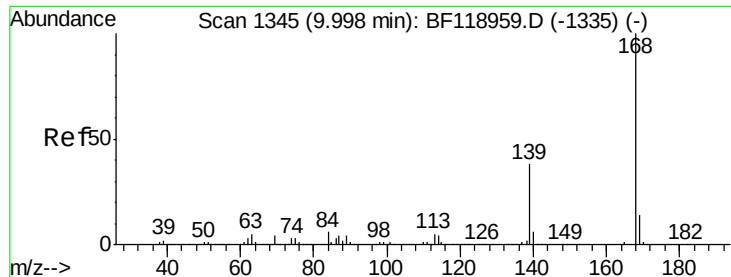
#54
2,4-Dinitrophenol
Concen: 17.959 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:184 Resp: 19310
Ion Ratio Lower Upper
184 100
63 59.9 38.7 58.1#
154 71.7 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

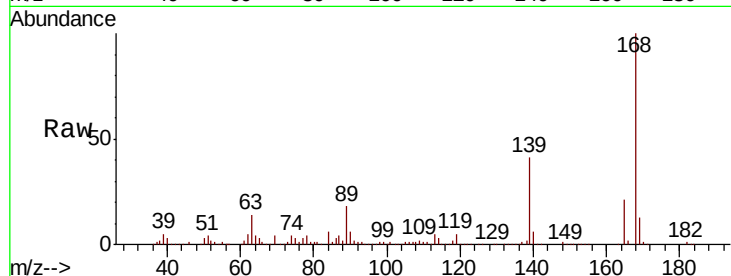




#55
Dibenzenofuran
Concen: 44.316 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	34.0	51.0
169	13.4	11.0	16.4

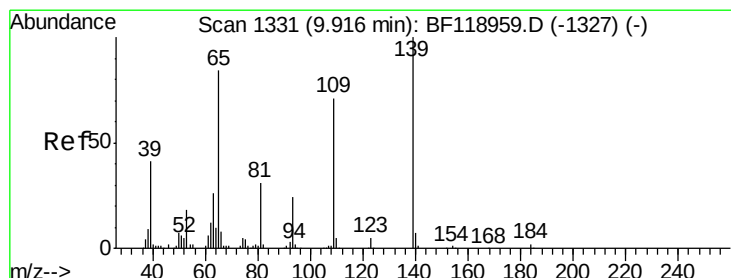
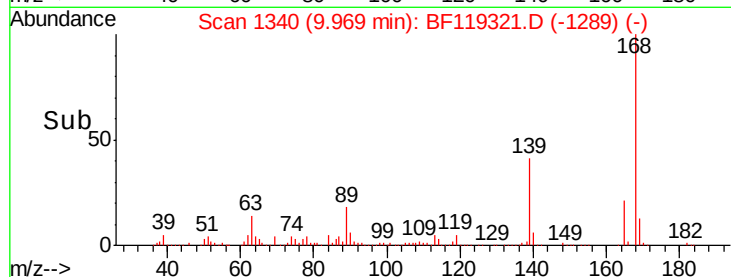
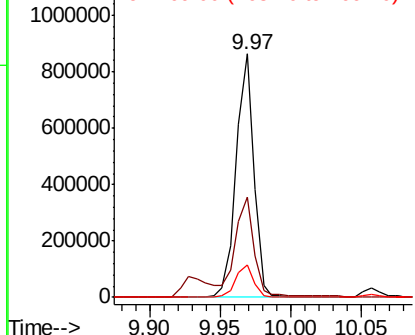


Abundance

Ion 168.00 (167.70 to 168.70): E

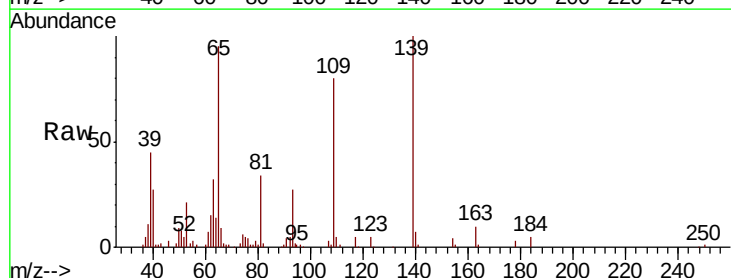
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.868 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	56.7	96.7
65	94.7	65.0	105.0

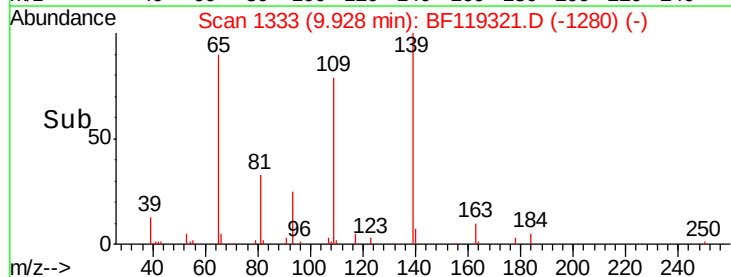
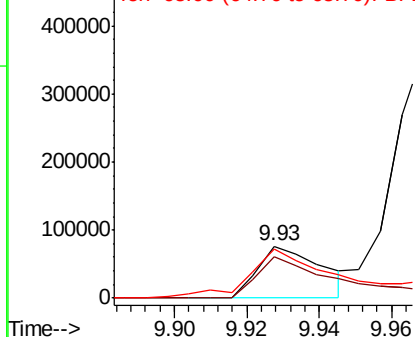


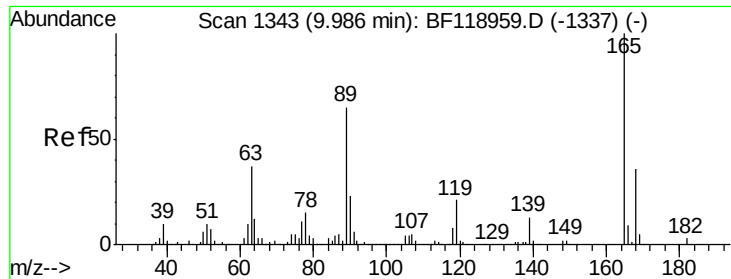
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

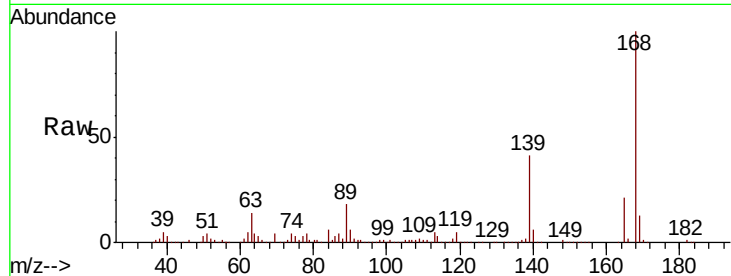




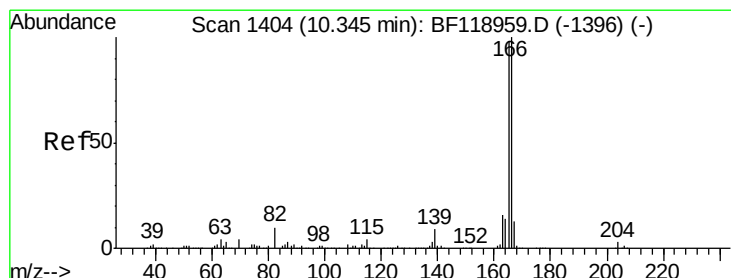
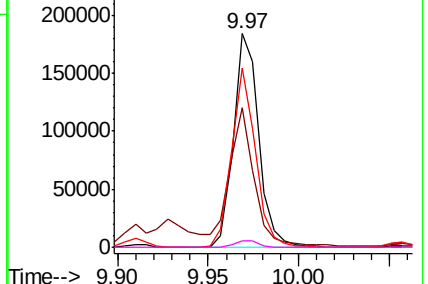
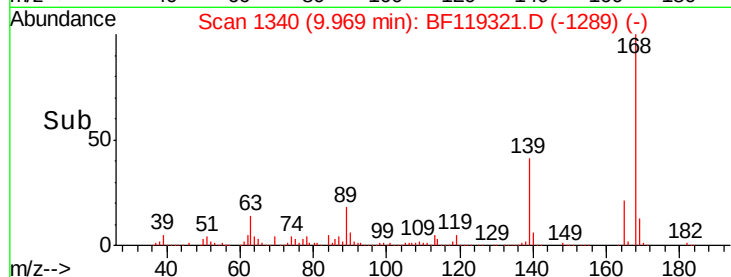
#57
 2,4-Dinitrotoluene
 Concen: 39.956 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 177926
 Ion Ratio Lower Upper
 165 100
 63 65.4 42.3 63.5#
 89 84.0 60.2 90.4
 182 3.0 2.3 3.5

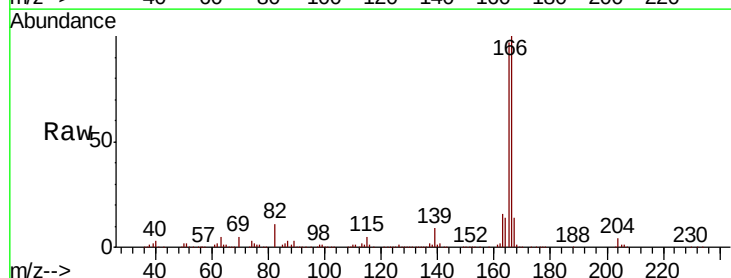


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

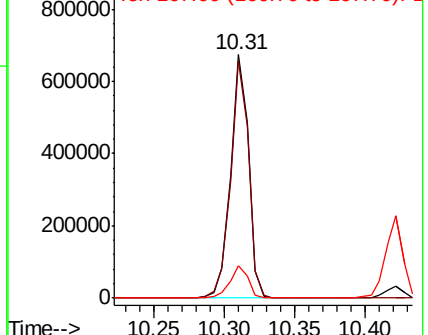
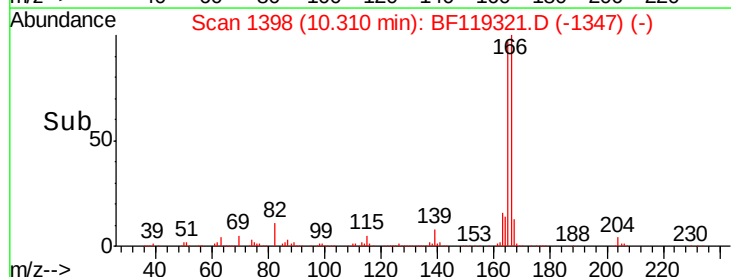


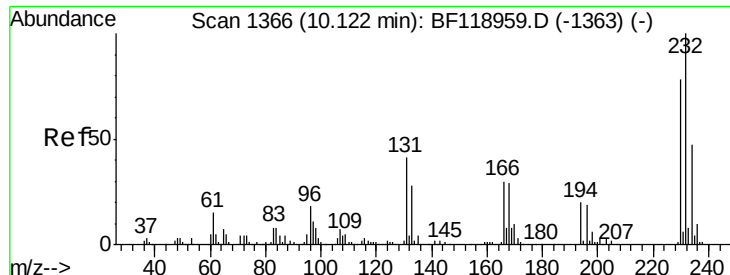
#58
 Fluorene
 Concen: 44.815 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion:166 Resp: 596187
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.5 117.7
 167 13.5 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

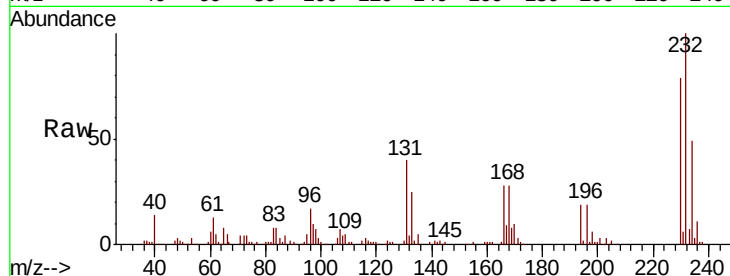




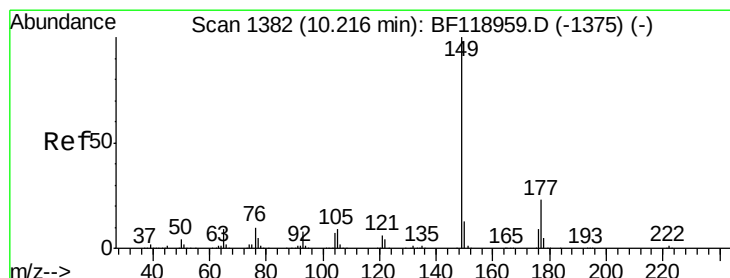
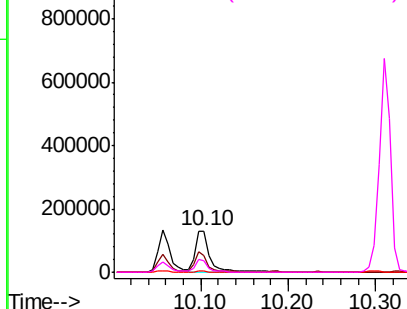
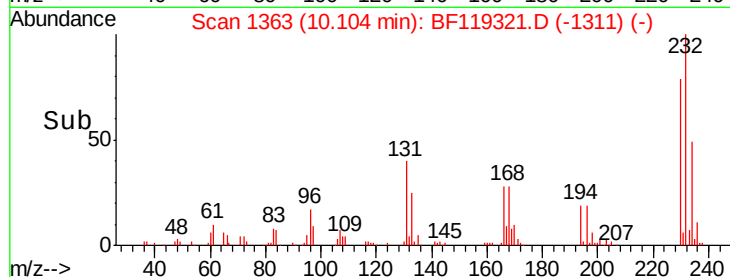
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.643 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	151132
Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.8	50.8
130	2.3	1.8	2.6
166	28.3	23.0	34.4

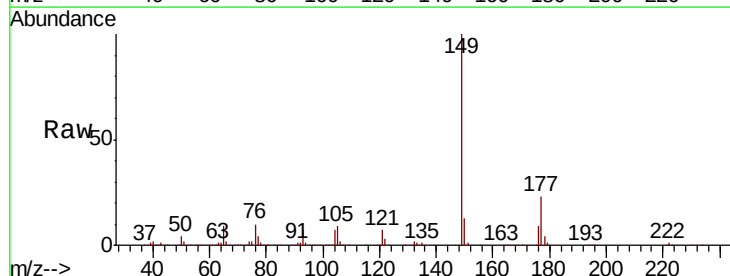


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

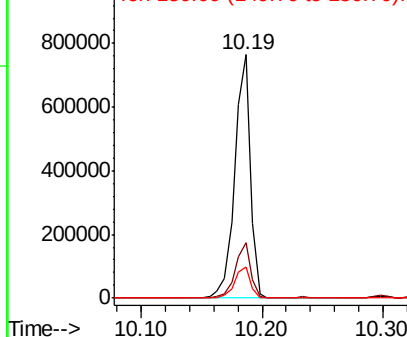
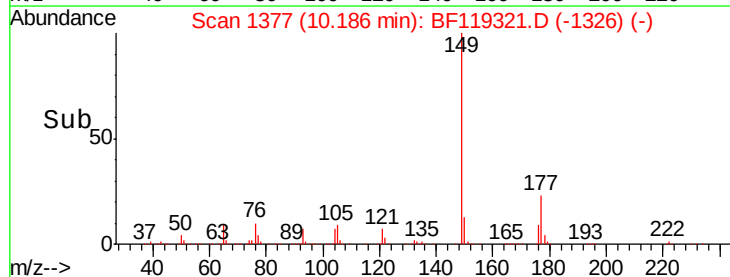


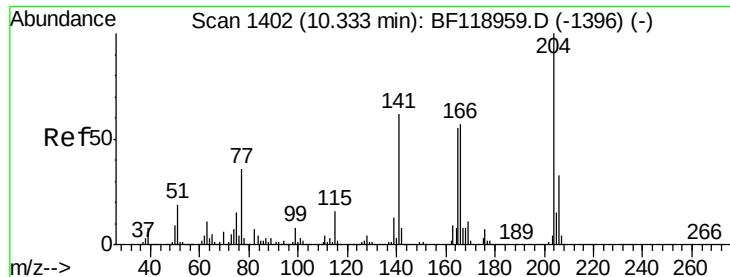
#60
 Diethylphthalate
 Concen: 47.349 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion:	149	Resp:	689996
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.5	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

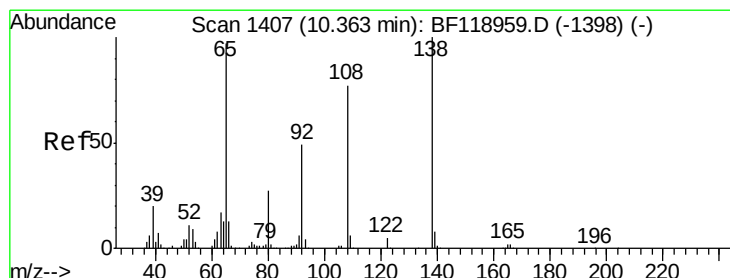
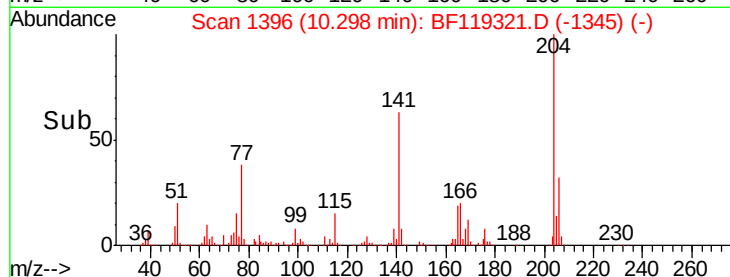
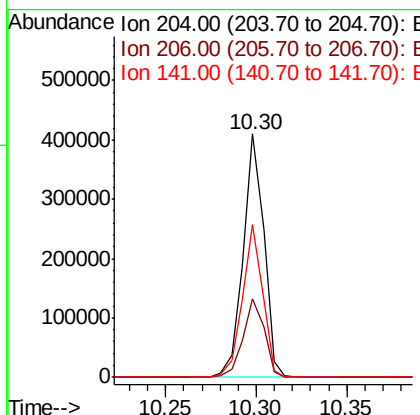
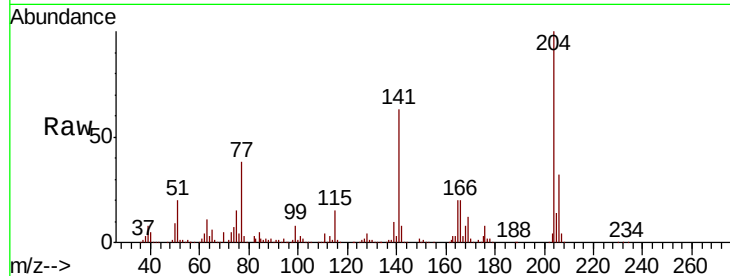




#61
 4-Chlorophenyl-phenylether
 Concen: 46.193 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

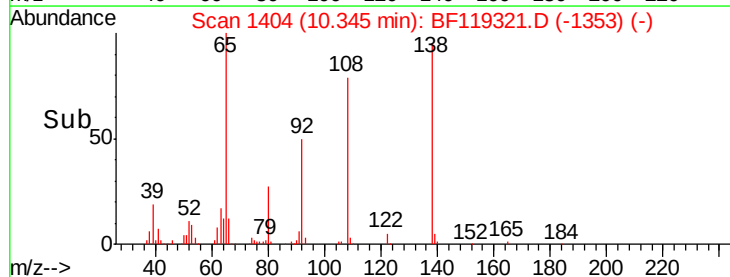
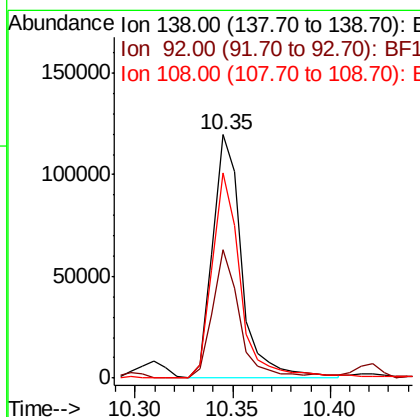
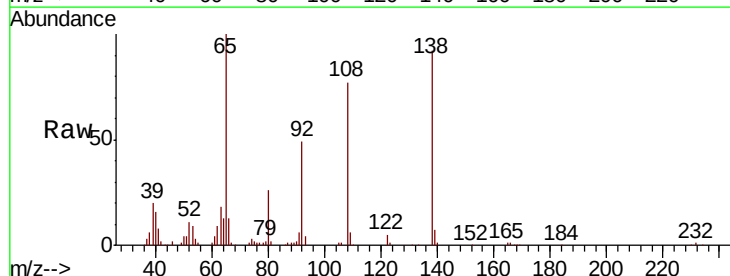
Instrument :
 BNA_F
 ClientSampled :

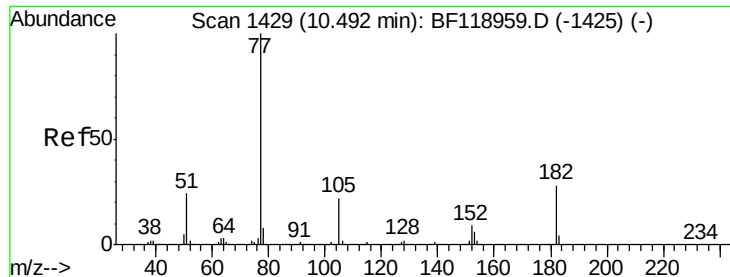
Tot Ion:	204	Resp:	325278
Ion	Ratio	Lower	Upper
204	100		
206	32.1	27.1	40.7
141	62.6	52.9	79.3



#62
 4-Nitroaniline
 Concen: 31.460 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion:	138	Resp:	122593
Ion	Ratio	Lower	Upper
138	100		
92	53.0	27.3	67.3
108	84.1	57.0	97.0

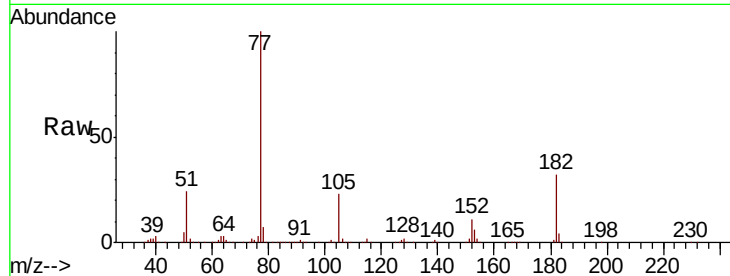




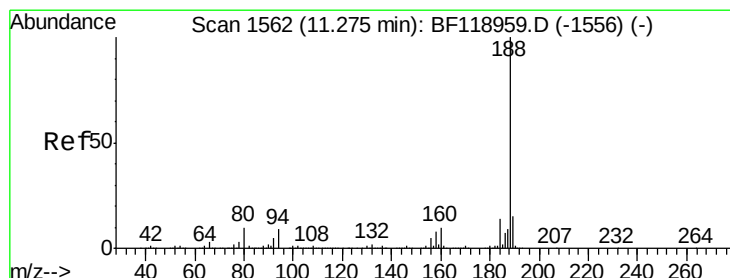
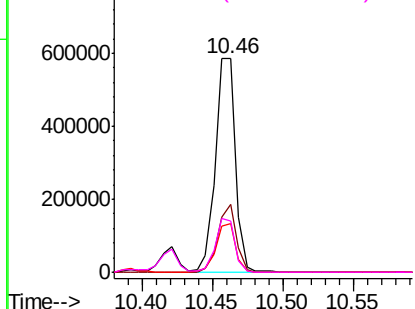
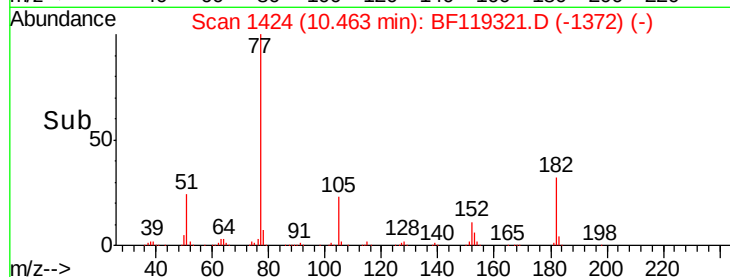
#63
Azobenzene
Concen: 45.633 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.8	11.4	51.4
105	22.8	3.4	43.4
51	23.8	5.1	45.1

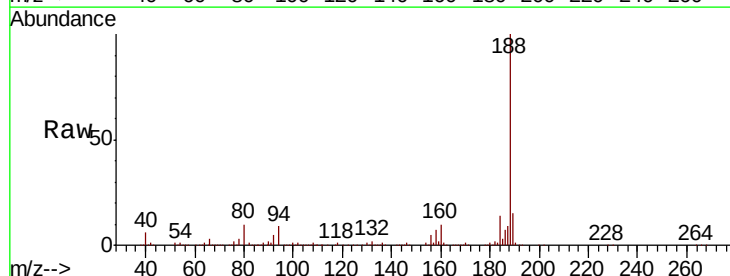


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

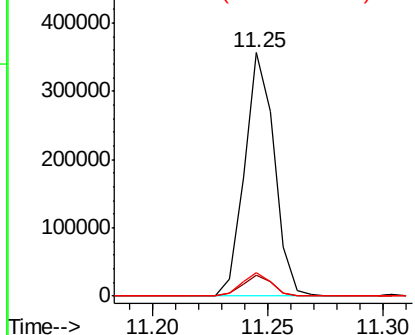
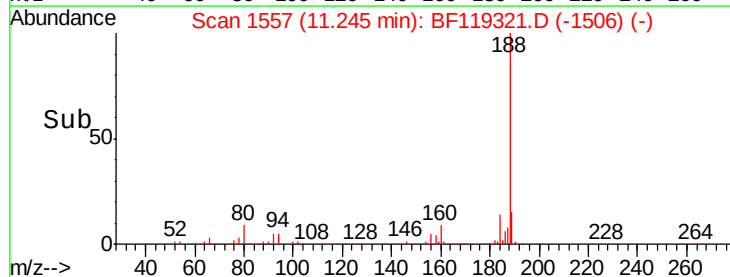


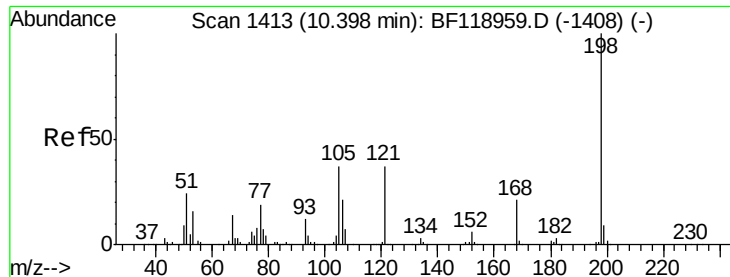
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.8	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

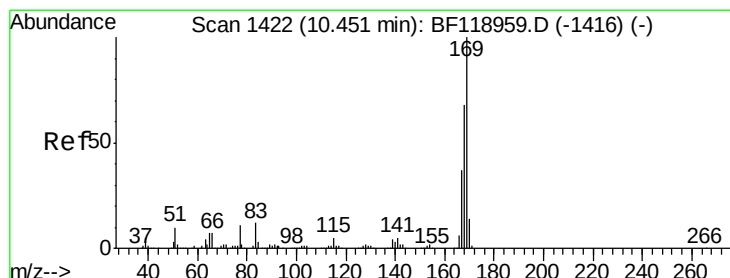
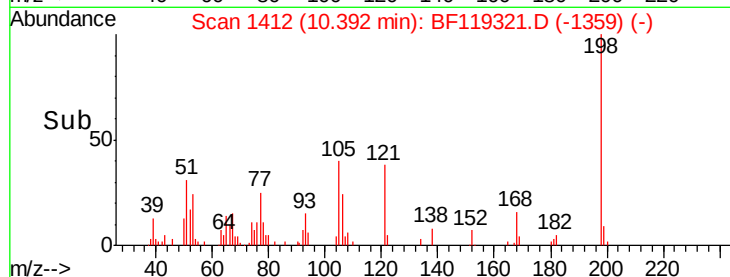
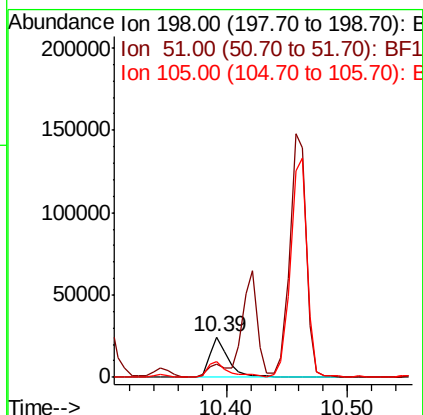
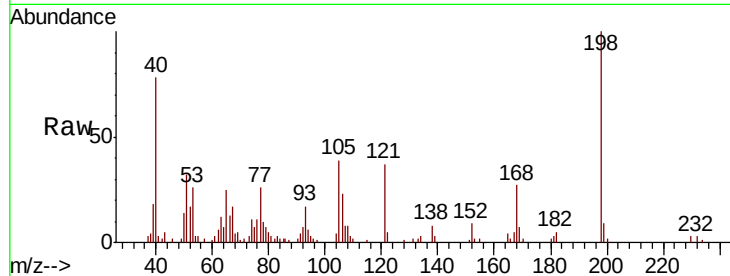




#65
4,6-Dinitro-2-methylphenol
Concen: 13.725 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

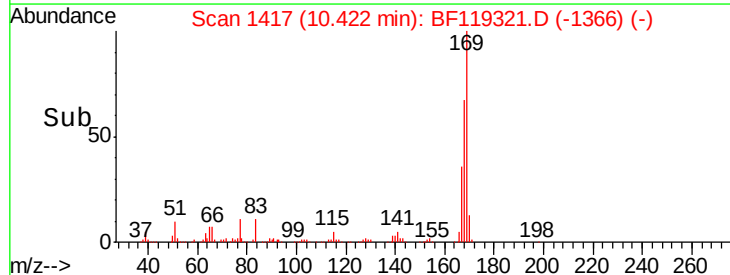
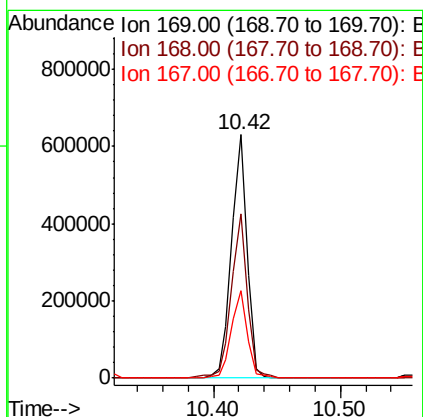
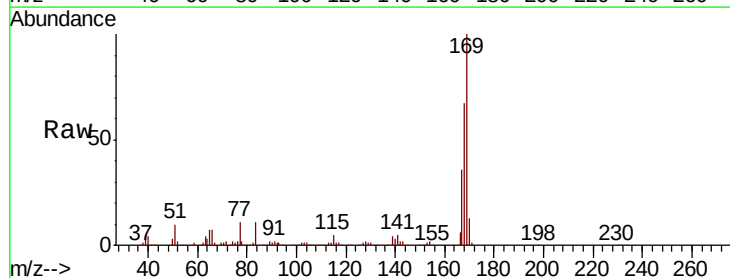
Instrument :
BNA_F
ClientSampleId :

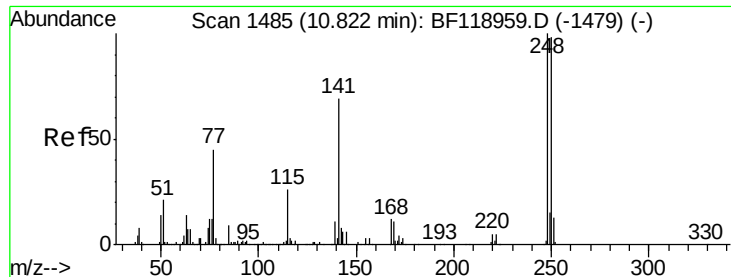
Tot Ion:198 Resp: 26711
Ion Ratio Lower Upper
198 100
51 31.9 14.2 54.2
105 38.8 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 51.010 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:169 Resp: 537168
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 35.9 29.4 44.0

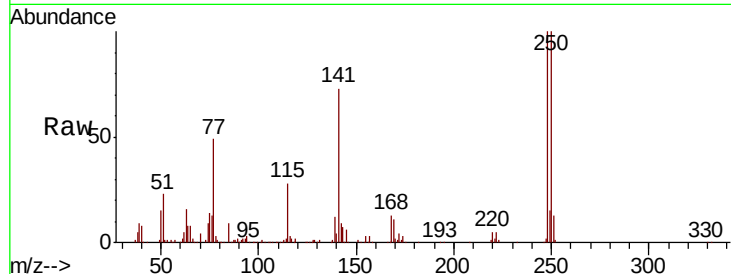




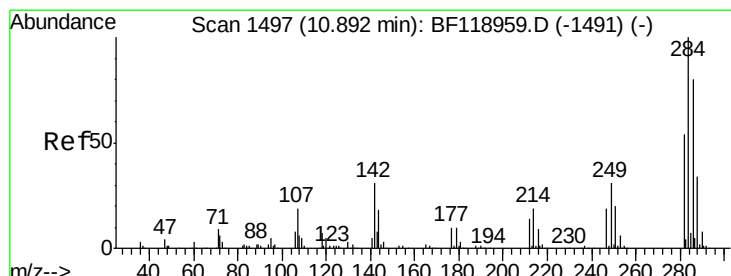
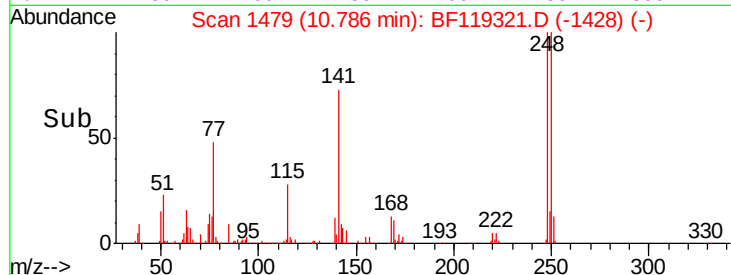
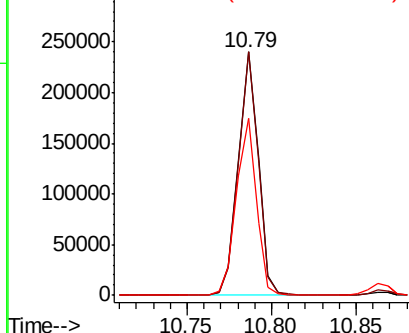
#67
4-Bromophenyl-phenylether
Concen: 47.305 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 198861
Ion Ratio Lower Upper
248 100
250 99.9 76.7 115.1
141 72.7 60.7 91.1

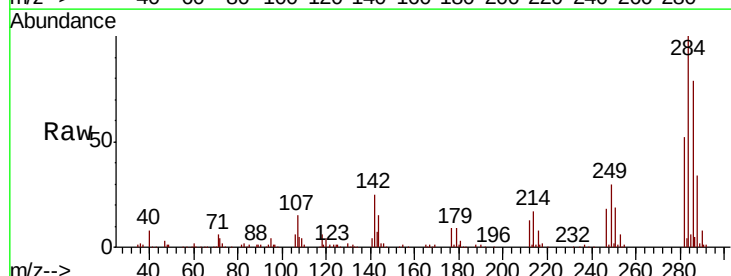


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

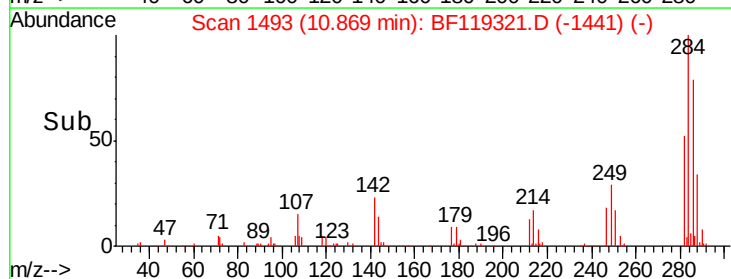
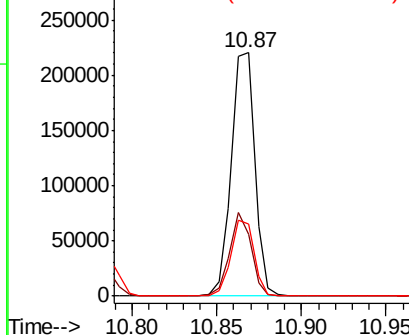


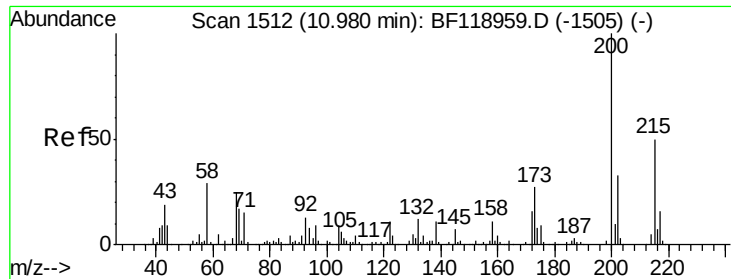
#68
Hexachlorobenzene
Concen: 44.103 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:284 Resp: 213757
Ion Ratio Lower Upper
284 100
142 25.2 23.7 35.5
249 29.8 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.281 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

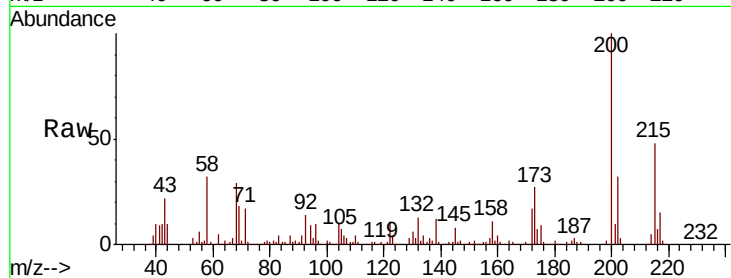
Tot Ion:200 Resp: 173959

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

215 47.8 27.4 67.4

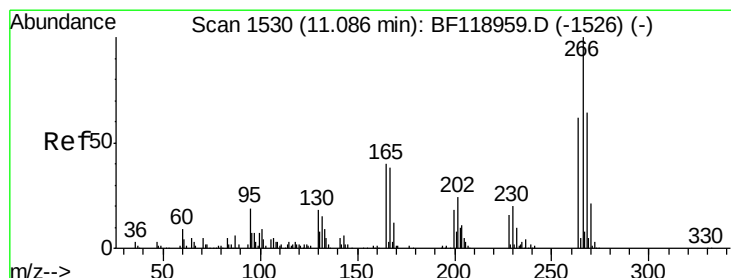
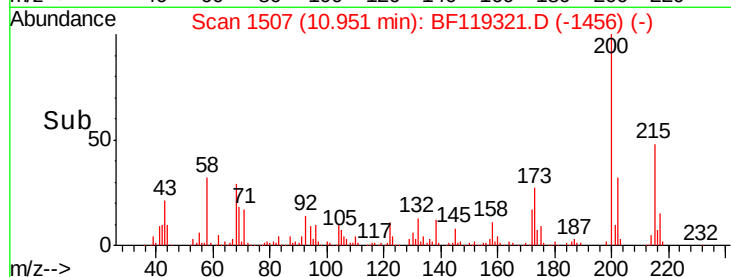
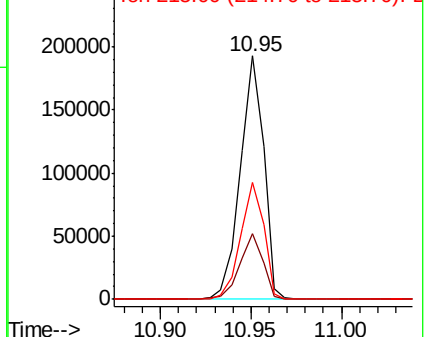


Abundance

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: 65.453 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

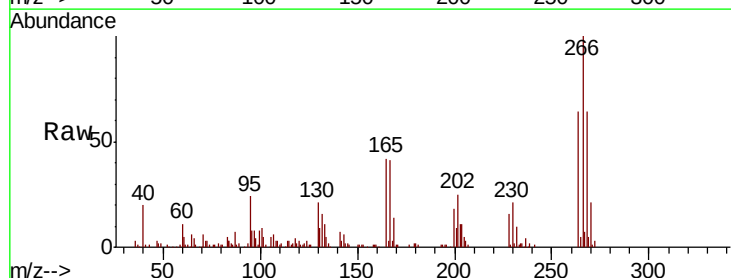
Tgt Ion:266 Resp: 127790

Ion Ratio Lower Upper

266 100

268 63.8 51.9 77.9

264 63.9 51.0 76.4

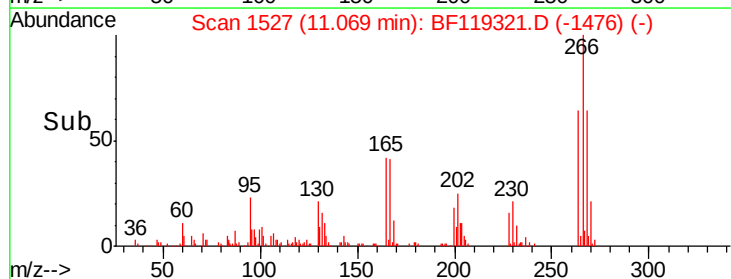
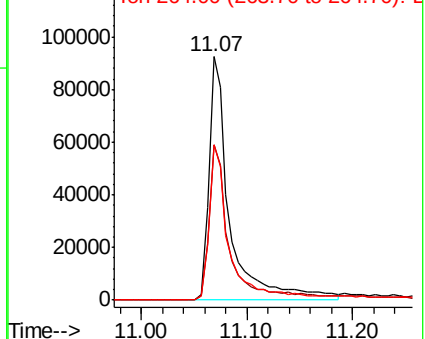


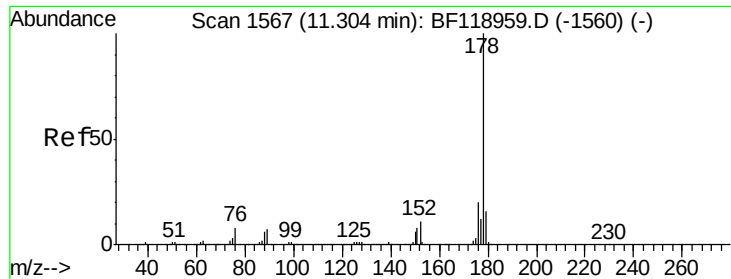
Abundance

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

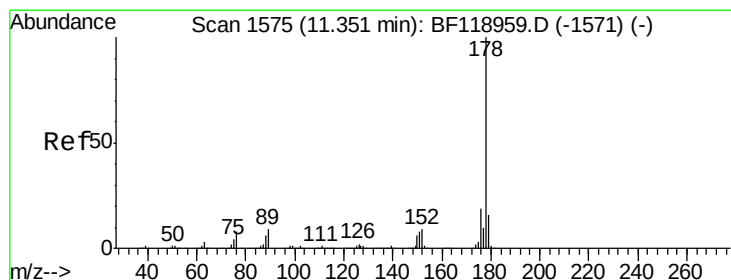
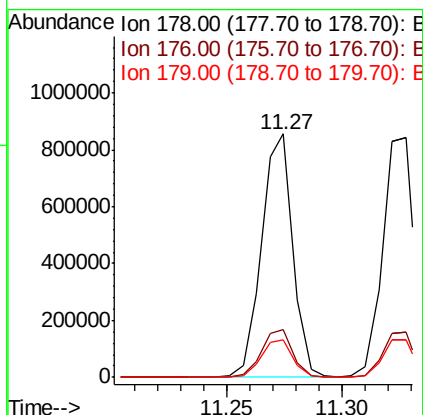
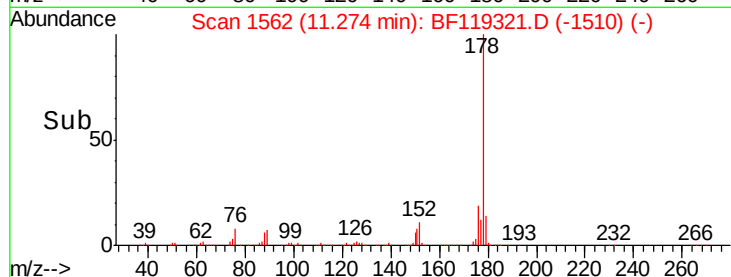
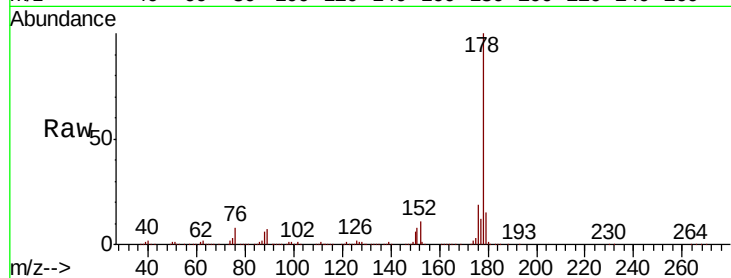




#71
Phenanthrene
Concen: 45.852 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

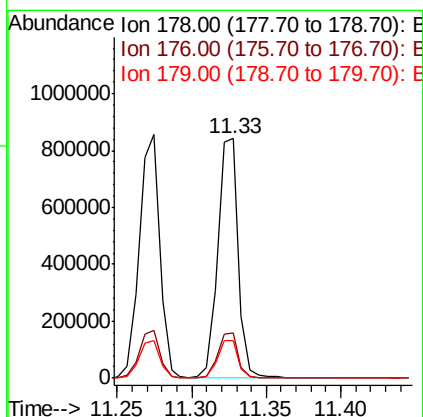
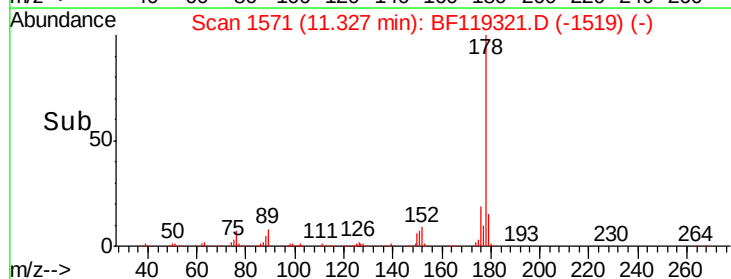
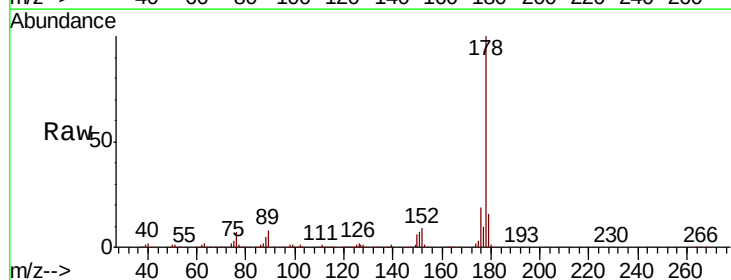
Instrument :
BNA_F
ClientSampled :

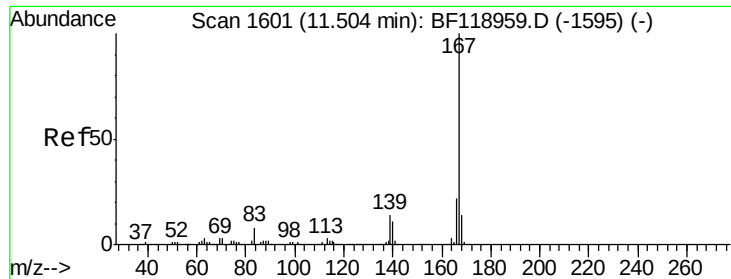
Tot Ion:178 Resp: 804202
Ion Ratio Lower Upper
178 100
176 19.4 16.5 24.7
179 15.3 13.0 19.6



#72
Anthracene
Concen: 46.067 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:178 Resp: 807286
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.6 13.1 19.7

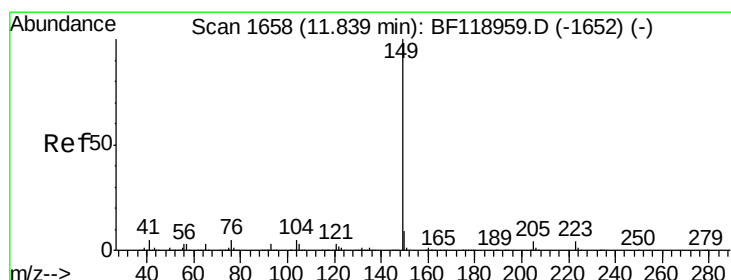
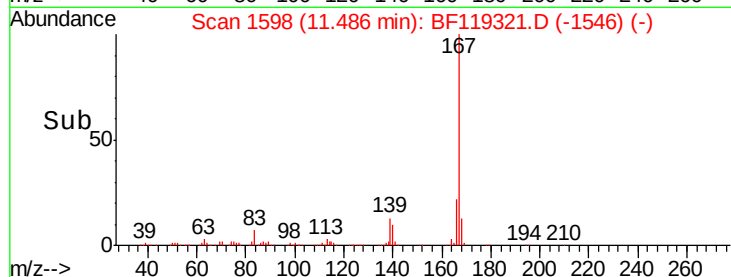
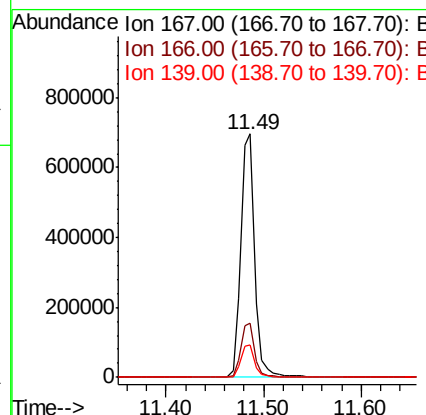
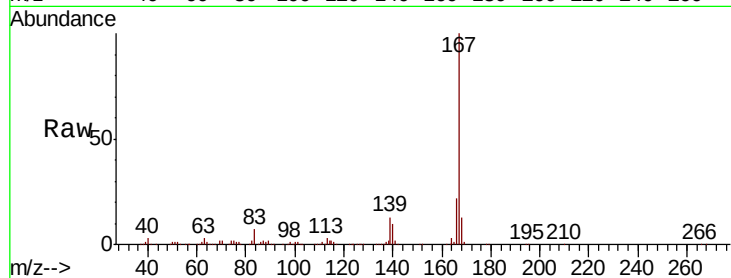




#73
 Carbazole
 Concen: 43.799 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

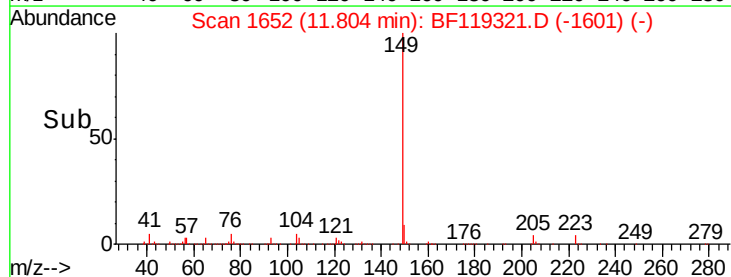
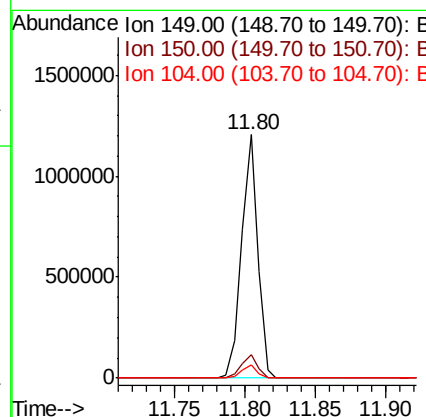
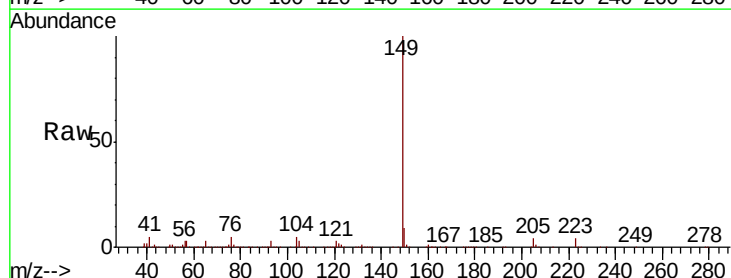
Instrument :
 BNA_F
 ClientSampleId :

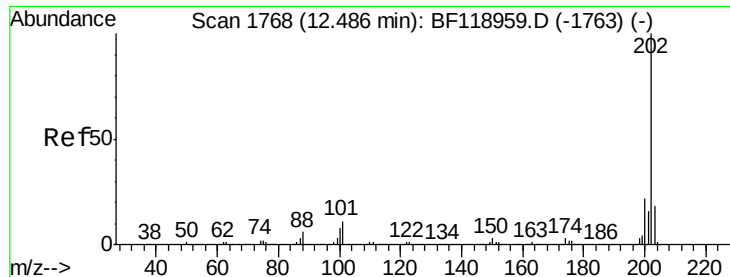
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.1	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 50.922 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.2	4.6	6.8

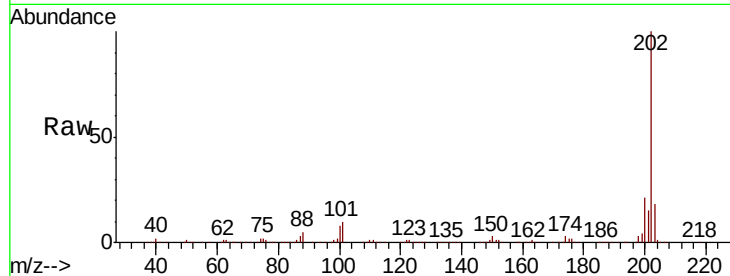




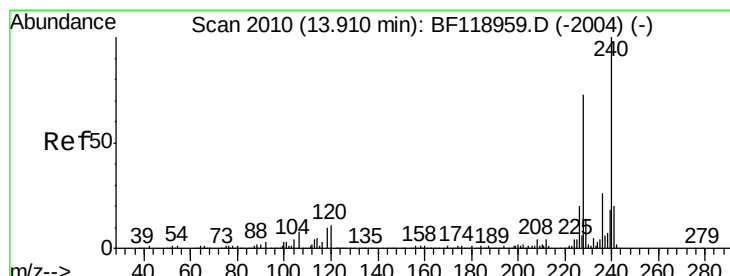
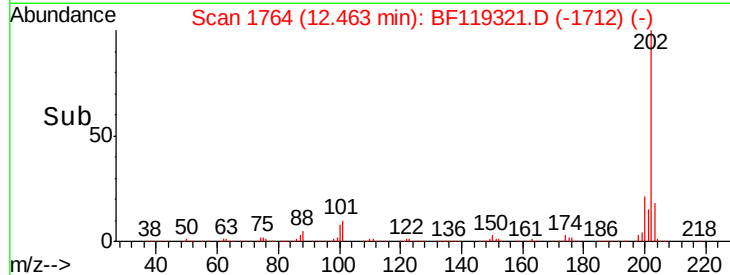
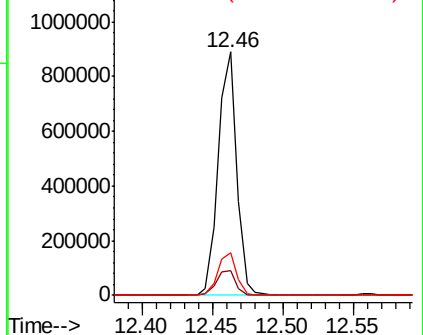
#75
Fluoranthene
Concen: 43.767 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 814818
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.3
203 17.6 0.0 38.4

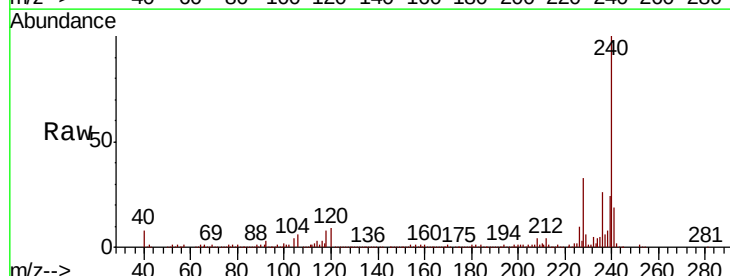


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

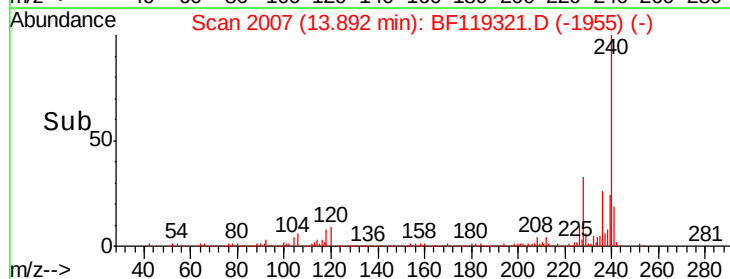
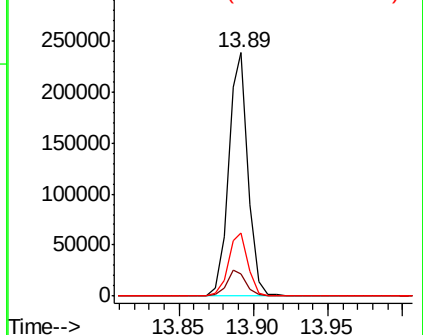


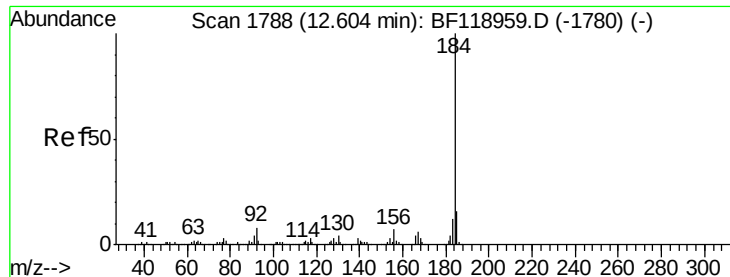
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:240 Resp: 218998
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.9 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: 51.050 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampled :

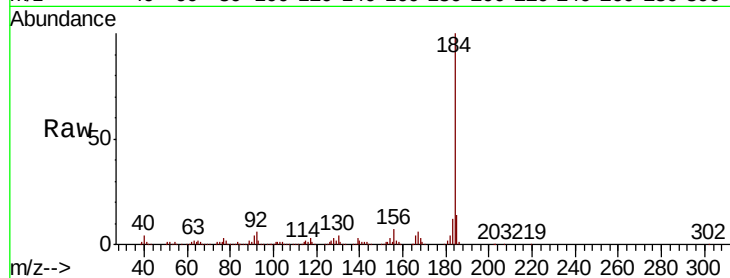
Tot Ion:184 Resp: 454678

Ion Ratio Lower Upper

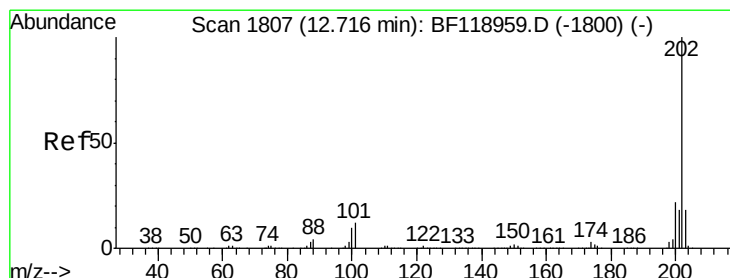
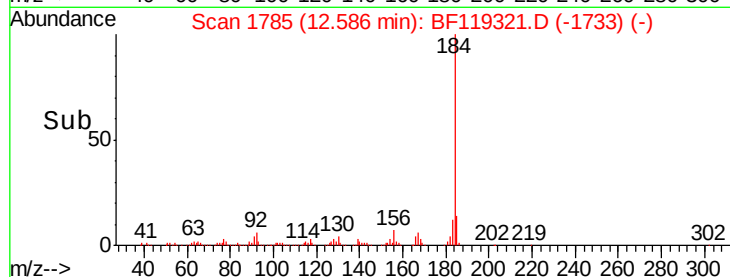
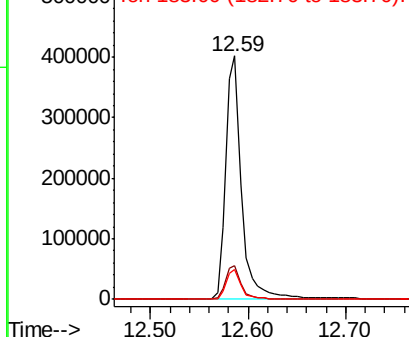
184 100

185 13.6 12.2 18.4

183 12.2 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: 45.493 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

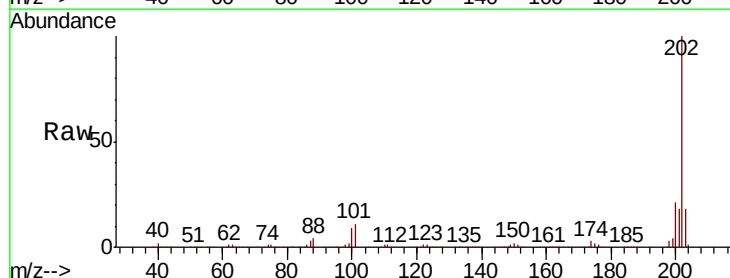
Tgt Ion:202 Resp: 800005

Ion Ratio Lower Upper

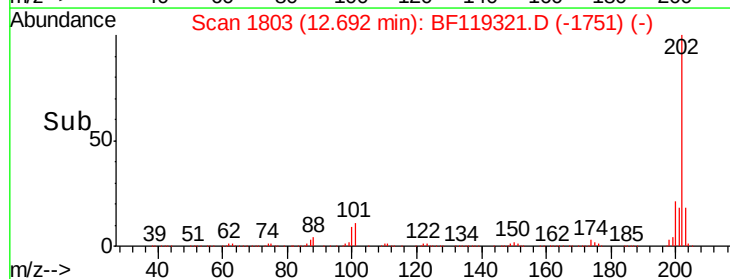
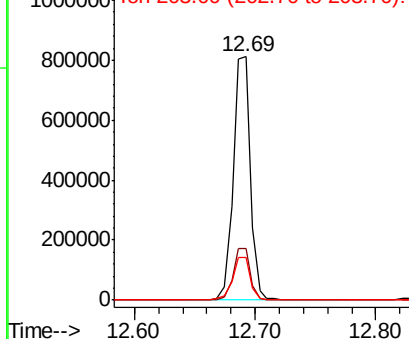
202 100

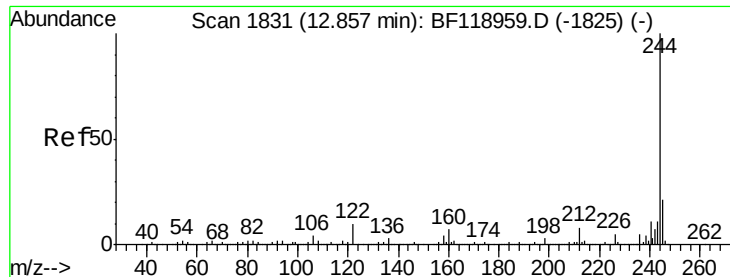
200 21.4 18.0 27.0

203 17.6 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

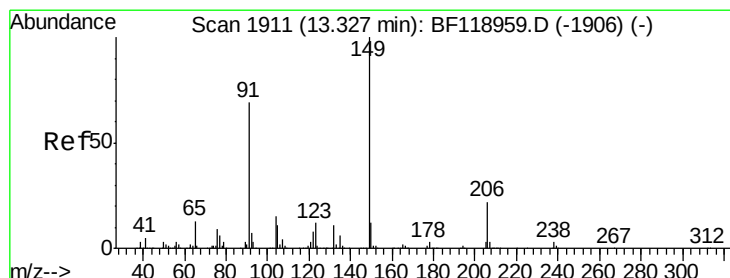
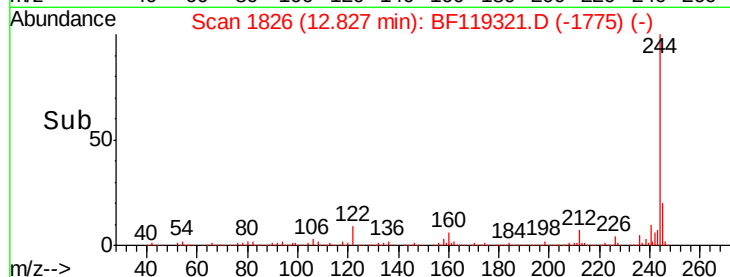
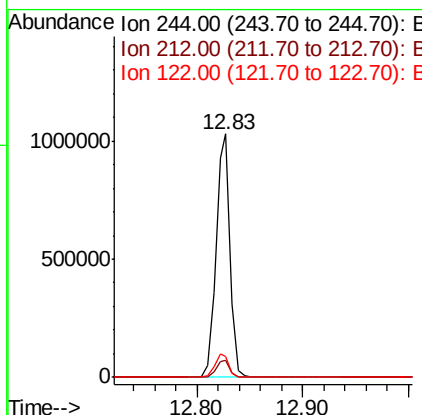
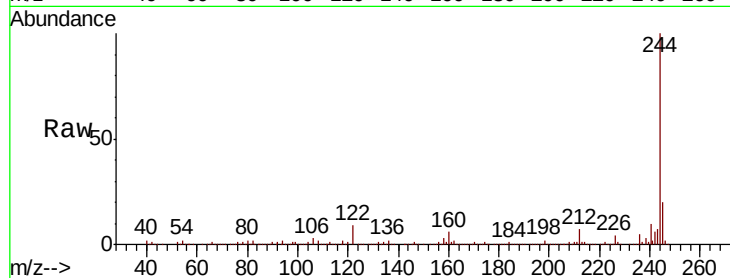




#79
 Terphenyl-d14
 Concen: 75.920 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

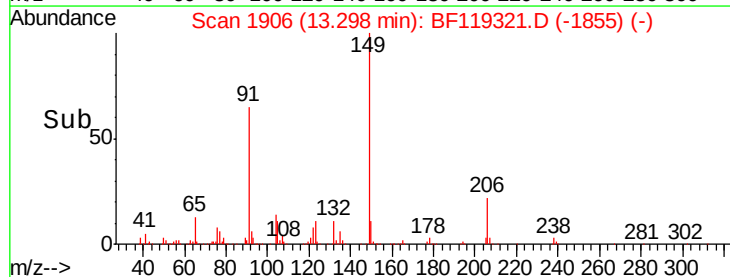
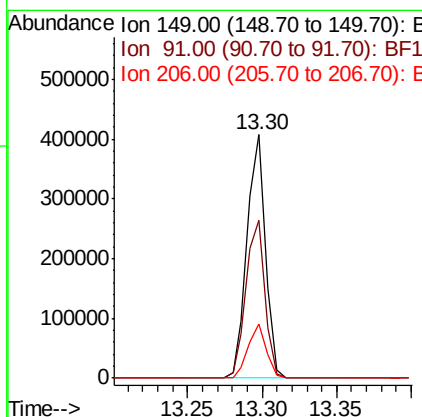
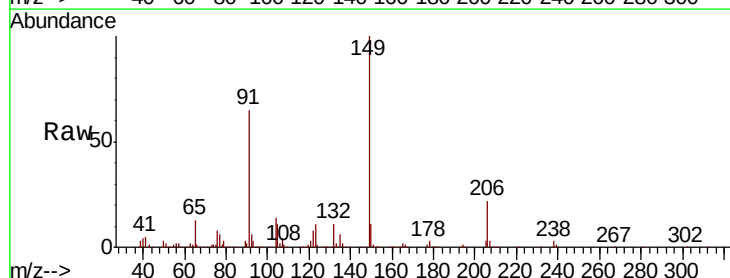
Instrument :
 BNA_F
 ClientSampleId :

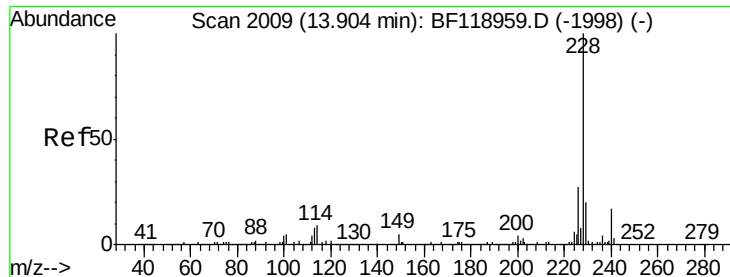
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	8.8	8.2	12.2



#80
 Butylbenzylphthalate
 Concen: 47.049 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	52.3	78.5
206	22.1	18.5	27.7





#81

Benzo(a)anthracene

Concen: 49.252 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

Instrument :

BNA_F

ClientSampleId :

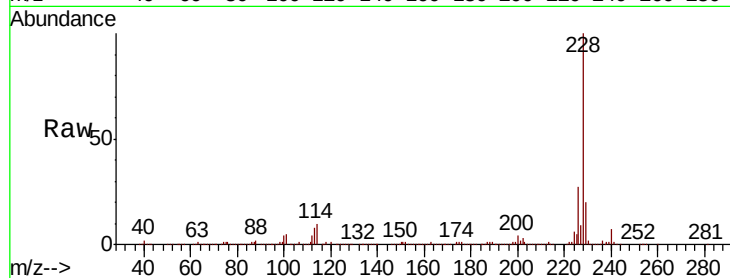
Tot Ion:228 Resp: 734923

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

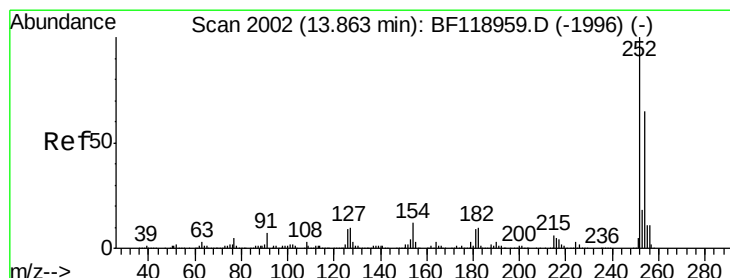
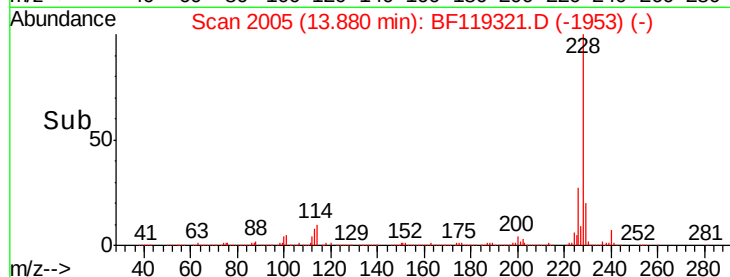
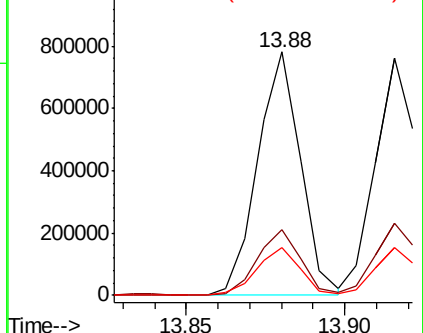
229 19.6 16.6 24.8



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: 46.178 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF119321.D

Acq: 10 Mar 2020 17:21

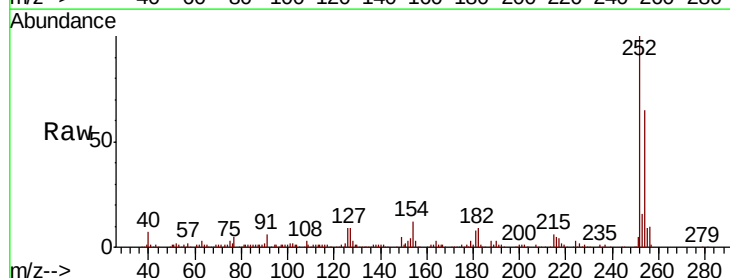
Tgt Ion:252 Resp: 267563

Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

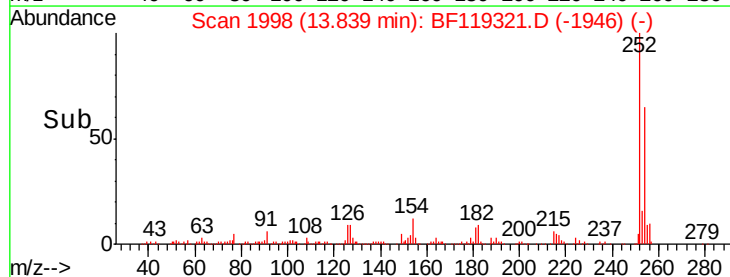
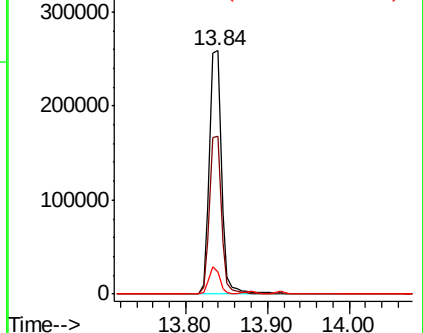
126 9.2 7.4 11.0

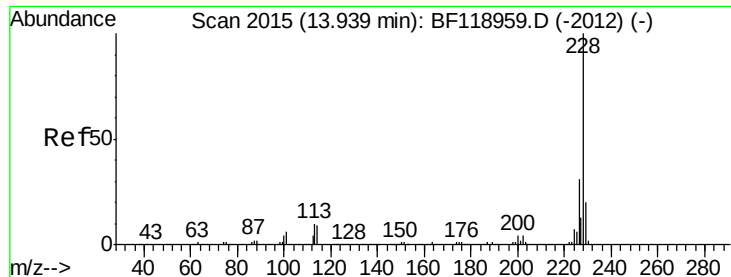


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

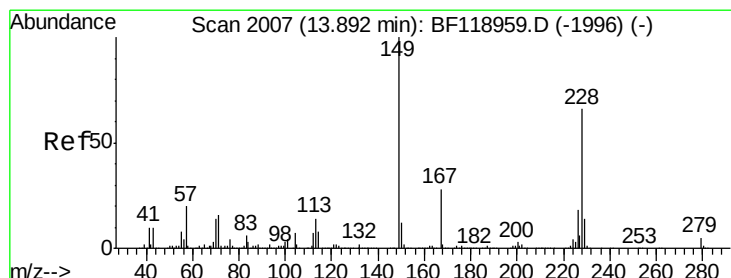
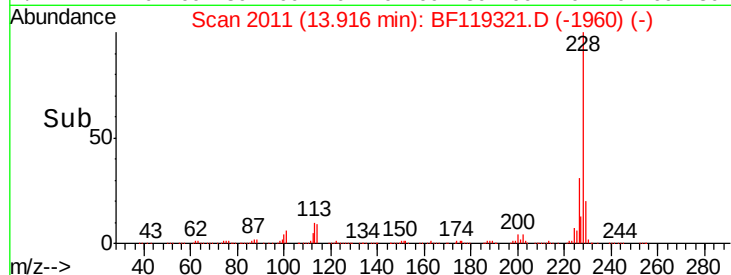
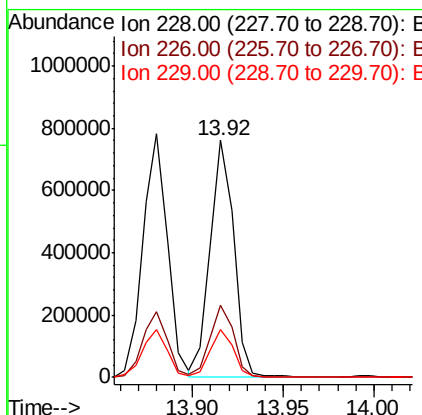
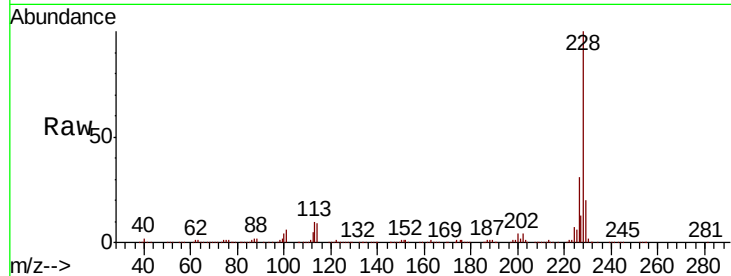




#83
 Chrvsene
 Concen: 46.383 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

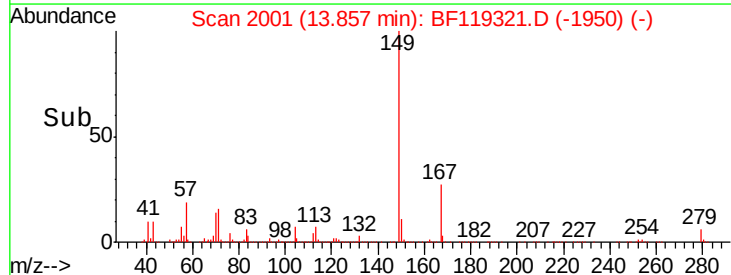
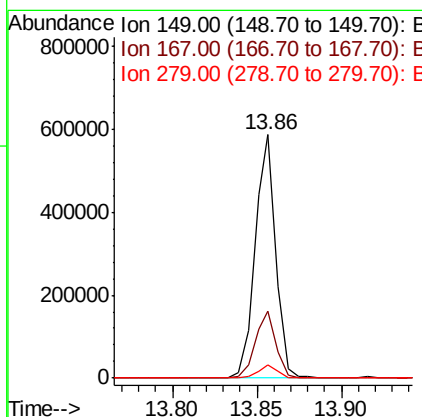
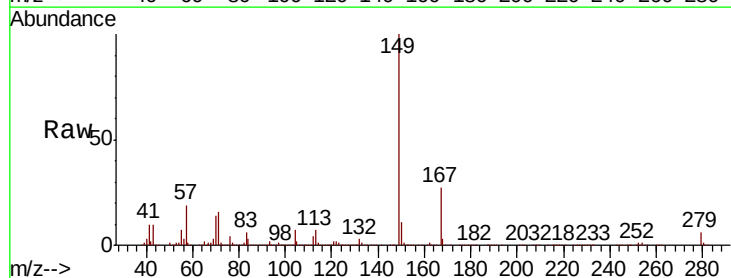
Instrument :
 BNA_F
 ClientSampleId :

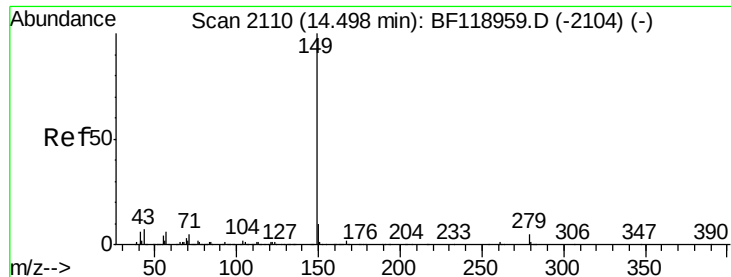
Tot Ion:228 Resp: 689634
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 20.2 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.503 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119321.D
 Acq: 10 Mar 2020 17:21

Tgt Ion:149 Resp: 500268
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.8 34.2
 279 5.7 4.6 6.8

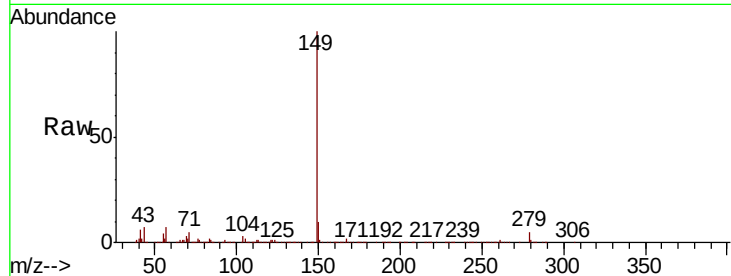




#85
Di-n-octyl phthalate
Concen: 55.182 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.6	5.7	8.5

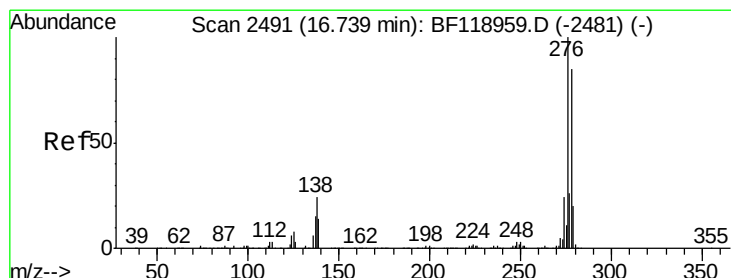
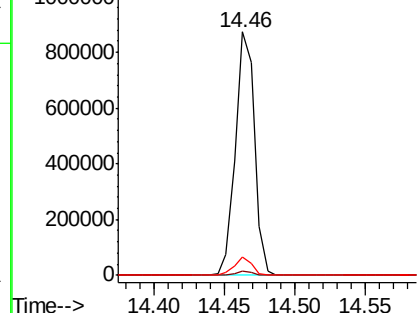
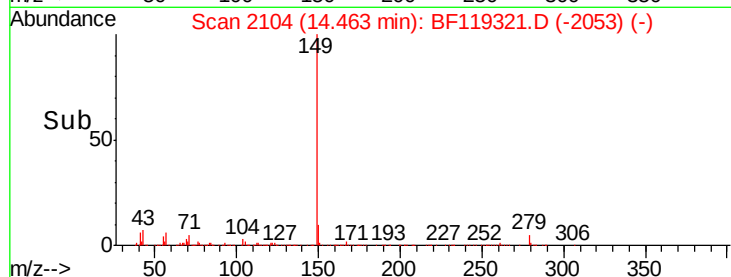


Abundance

Ion 149.00 (148.70 to 149.70): E

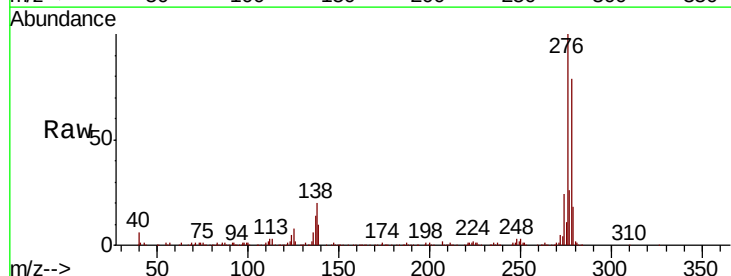
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.599 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.4	26.0
277	25.6	20.3	30.5

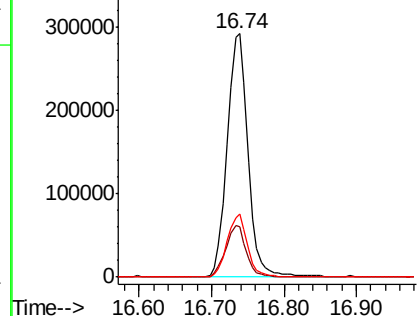
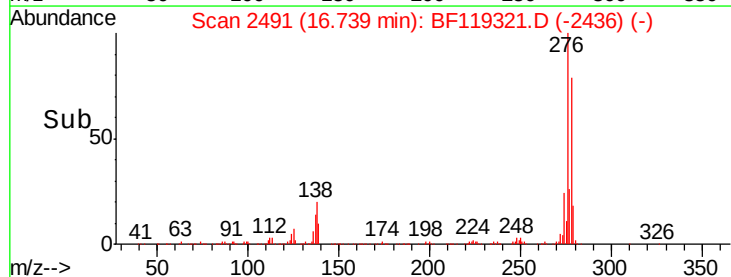


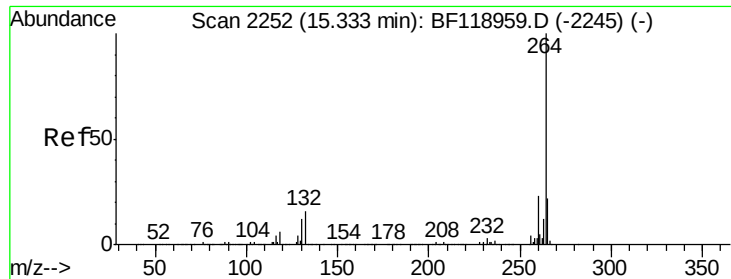
Abundance

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

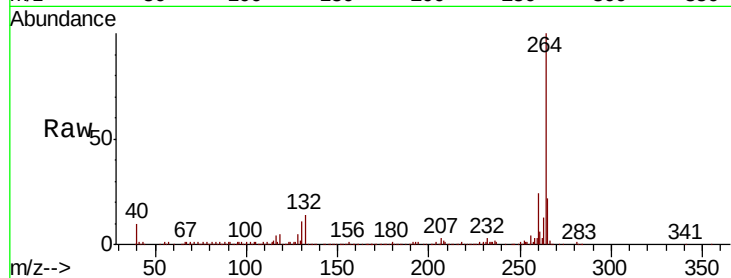




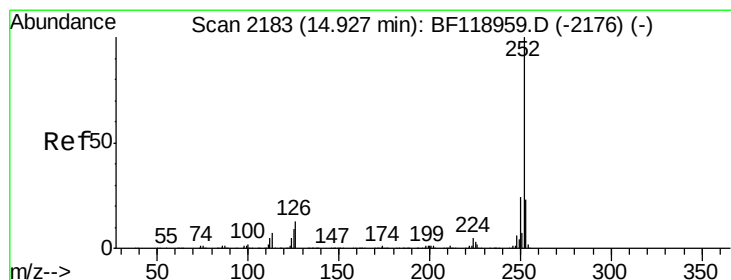
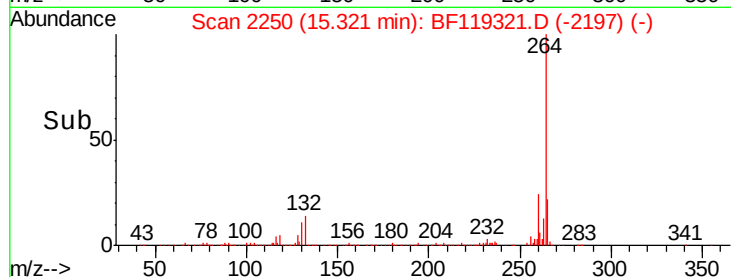
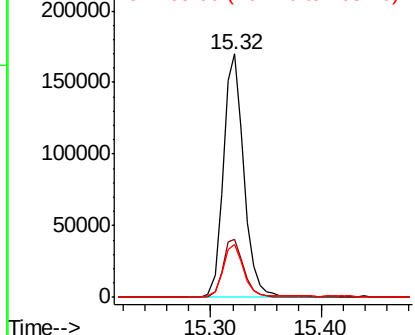
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 221506
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 22.0 17.7 26.5

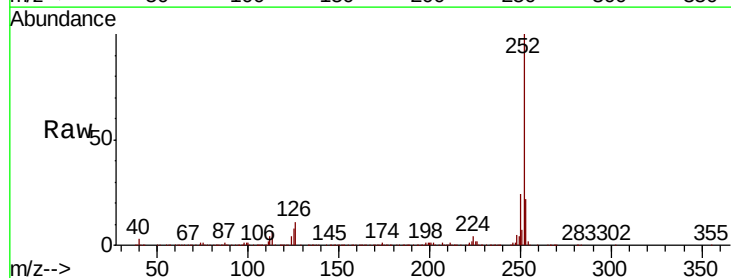


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

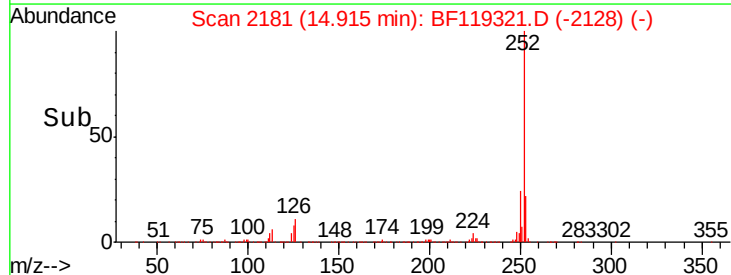
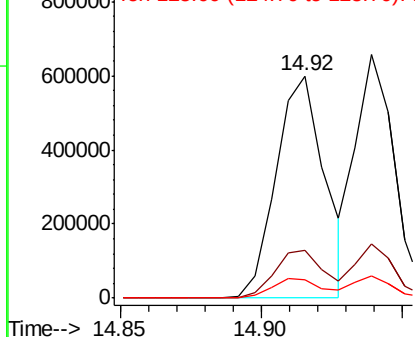


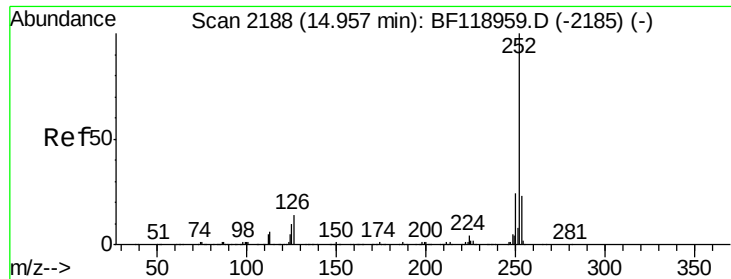
#88
Benzo(b)fluoranthene
Concen: 49.253 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:252 Resp: 719123
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 8.3 7.4 11.0



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

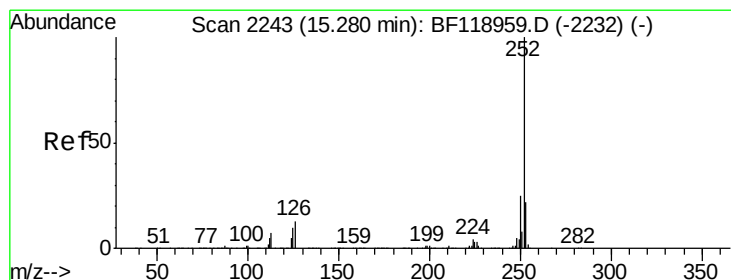
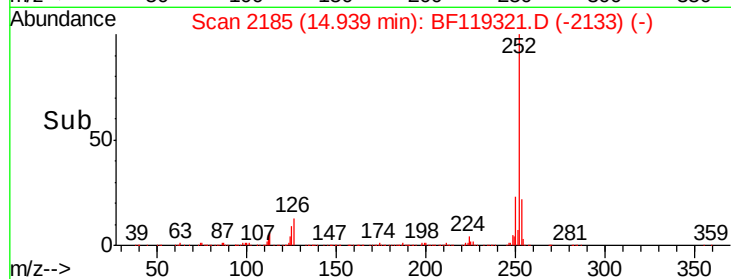
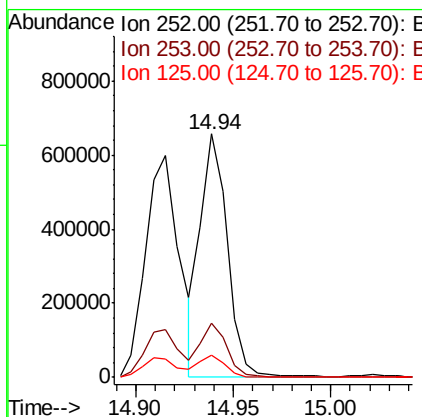
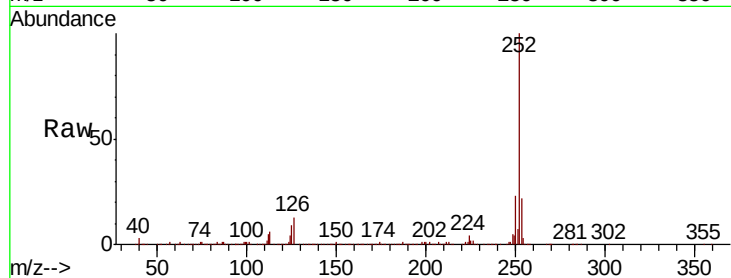




#89
Benzo(k)fluoranthene
Concen: 46.306 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

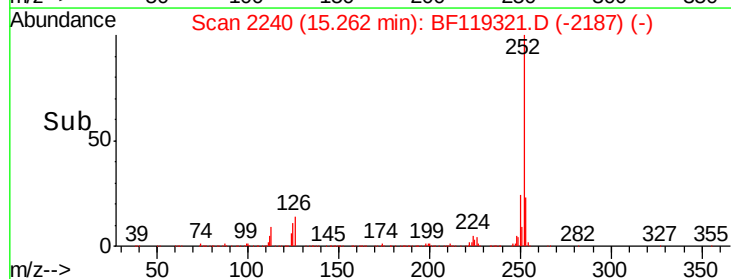
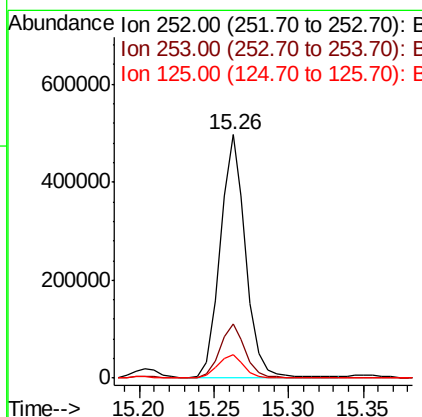
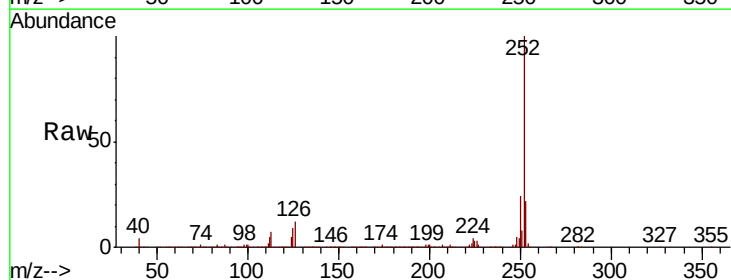
Instrument :
BNA_F
ClientSampleId :

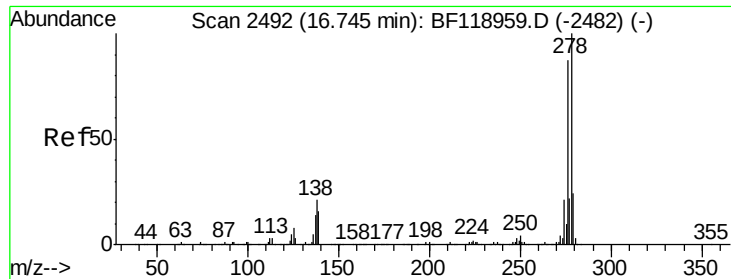
Tot Ion:252 Resp: 626550
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 44.741 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:252 Resp: 589561
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.4 8.6 12.8

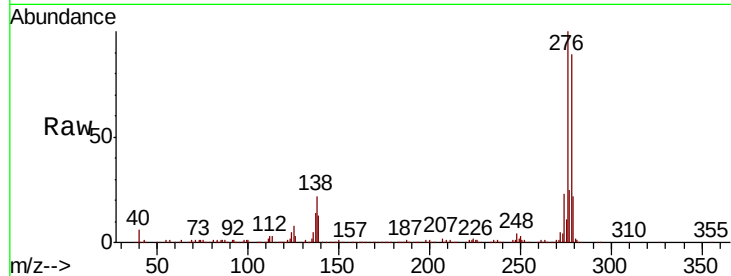




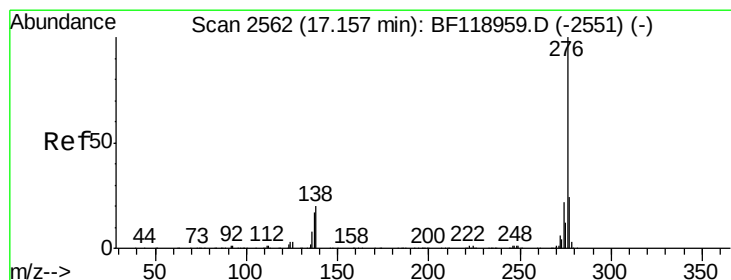
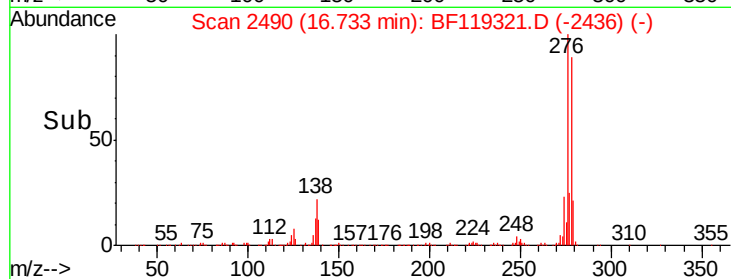
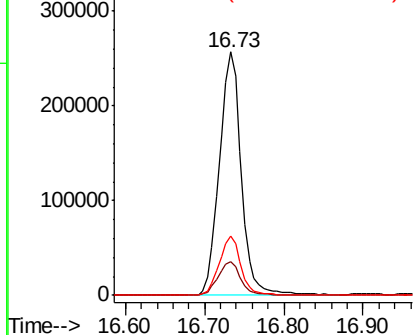
#91
Dibenzo(a,h)anthracene
Concen: 42.147 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 488669
Ion Ratio Lower Upper
278 100
139 14.1 11.0 16.4
279 24.1 18.6 28.0

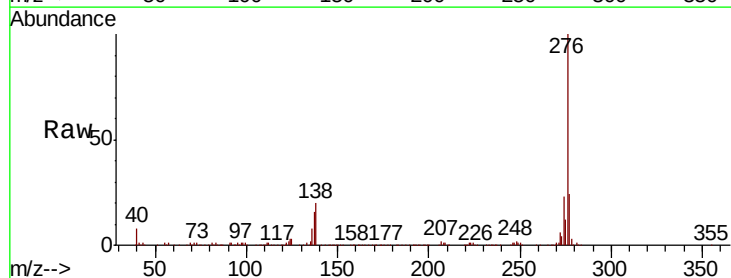


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.444 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119321.D
Acq: 10 Mar 2020 17:21

Tgt Ion:276 Resp: 463326
Ion Ratio Lower Upper
276 100
277 24.1 18.7 28.1
138 19.6 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

