

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119117.D
 Acq On : 27 Feb 2020 18:41
 Operator : CG/JU
 Sample : L1688-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:56:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	142907	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	526739	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	273703	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	480554	20.00	ng	0.00
76) Chrysene-d12	13.90	240	320393	20.00	ng	0.00
87) Perylene-d12	15.33	264	354774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	707617	82.75	ng	0.00
7) Phenol-d6	6.40	99	856224	82.33	ng	0.00
23) Nitrobenzene-d5	7.31	82	564200	56.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	265443	74.14	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1064745	57.31	ng	0.00
79) Terphenyl-d14	12.84	244	1117647	60.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	153720	40.375	ng	98
3) Pyridine	3.22	79	390551	37.561	ng	98
4) n-Nitrosodimethylamine	3.16	42	157768	50.088	ng	98
6) Aniline	6.41	93	444846	34.665	ng	96
8) 2-Chlorophenol	6.54	128	476824	51.669	ng	97
9) Benzaldehyde	6.29	77	193306	27.820	ng	100
10) Phenol	6.41	94	554248	49.292	ng	98
11) bis(2-Chloroethyl)ether	6.48	93	425807	49.493	ng	98
12) 1,3-Dichlorobenzene	6.69	146	518091	46.840	ng	97
13) 1,4-Dichlorobenzene	6.76	146	526140	47.535	ng	98
14) 1,2-Dichlorobenzene	6.92	146	488200	48.363	ng	99
15) Benzyl Alcohol	6.90	79	384472	51.151	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	339782	45.592	ng	96
17) 2-Methylphenol	7.02	107	368817	49.294	ng	99
18) Hexachloroethane	7.26	117	181890	45.933	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	300688	49.618	ng	99
20) 3+4-Methylphenols	7.17	107	461692	50.367	ng	96
22) Acetophenone	7.16	105	607903	49.880	ng	# 97
24) Nitrobenzene	7.33	77	474324	48.080	ng	96
25) Isophorone	7.57	82	839947	48.480	ng	99
26) 2-Nitrophenol	7.65	139	255692	48.916	ng	95
27) 2,4-Dimethylphenol	7.69	122	387646	54.643	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	519078	46.029	ng	99
29) 2,4-Dichlorophenol	7.90	162	394289	47.211	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	453118	45.761	ng	98
31) Naphthalene	8.05	128	1305690	47.797	ng	99
32) Benzoic acid	7.85	122	236218	45.963	ng	97
33) 4-Chloroaniline	8.10	127	192069	16.347	ng	96
34) Hexachlorobutadiene	8.17	225	277749	45.031	ng	97
35) Caprolactam	8.48	113	76038	29.569	ng	95
36) 4-Chloro-3-methylphenol	8.60	107	407857	48.255	ng	99
37) 2-Methylnaphthalene	8.74	142	887233	48.261	ng	99
38) 1-Methylnaphthalene	8.84	142	827116	47.840	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	442532	47.955	ng	99

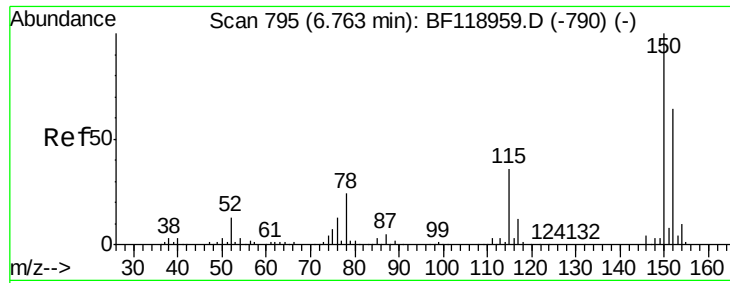
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119117.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	238088	71.951	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	277864	47.682	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	289509	47.343	ng	98
46) 1,1'-Biphenyl	9.20	154	1059704	47.905	ng	99
47) 2-Chloronaphthalene	9.23	162	846819	47.505	ng	98
48) 2-Nitroaniline	9.33	65	234055	47.075	ng	98
49) Acenaphthylene	9.65	152	1279138	49.683	ng	99
50) Dimethylphthalate	9.51	163	1066827	50.972	ng	99
51) 2,6-Dinitrotoluene	9.57	165	226178	48.641	ng	95
52) Acenaphthene	9.82	154	745851	48.044	ng	98
53) 3-Nitroaniline	9.74	138	113376	21.993	ng	99
54) 2,4-Dinitrophenol	9.86	184	132607	60.669	ng	# 92
55) Dibenzofuran	9.99	168	1128950	48.721	ng	99
56) 4-Nitrophenol	9.92	139	261067	84.290	ng	92
57) 2,4-Dinitrotoluene	9.98	165	282696	46.904	ng	95
58) Fluorene	10.33	166	874658	48.577	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	248224	48.106	ng	97
60) Diethylphthalate	10.20	149	959976	48.671	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	461320	48.403	ng	94
62) 4-Nitroaniline	10.36	138	193452	36.679	ng	98
63) Azobenzene	10.48	77	847512	49.435	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122183	42.018	ng	97
66) n-Nitrosodiphenylamine	10.44	169	794366	50.484	ng	99
67) 4-Bromophenyl-phenylether	10.81	248	301572	48.010	ng	92
68) Hexachlorobenzene	10.88	284	333490	46.048	ng	96
69) Atrazine	10.97	200	280269	50.979	ng	99
70) Pentachlorophenol	11.08	266	239079	81.951	ng	100
71) Phenanthrene	11.29	178	1263029	48.194	ng	98
72) Anthracene	11.34	178	1313843	50.175	ng	98
73) Carbazole	11.50	167	1106317	47.425	ng	99
74) Di-n-butylphthalate	11.83	149	1442709	51.069	ng	98
75) Fluoranthene	12.47	202	1287627	46.287	ng	99
77) Benzidine	12.60	184	618904	47.498	ng	97
78) Pyrene	12.70	202	1260992	49.014	ng	99
80) Butylbenzylphthalate	13.32	149	554216	51.184	ng	97
81) Benzo(a)anthracene	13.89	228	1076900	49.330	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	382129	45.079	ng	98
83) Chrysene	13.93	228	1032820	47.481	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	768719	56.195	ng	99
85) Di-n-octyl phthalate	14.49	149	1248597	57.287	ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1273348	60.457	ng	100
88) Benzo(b)fluoranthene	14.92	252	1078392	46.115	ng	100
89) Benzo(k)fluoranthene	14.95	252	1068955	49.326	ng	99
90) Benzo(a)pyrene	15.27	252	1007636	47.743	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1067448	57.482	ng	99
92) Benzo(g,h,i)perylene	17.16	276	1069316	58.279	ng	99

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

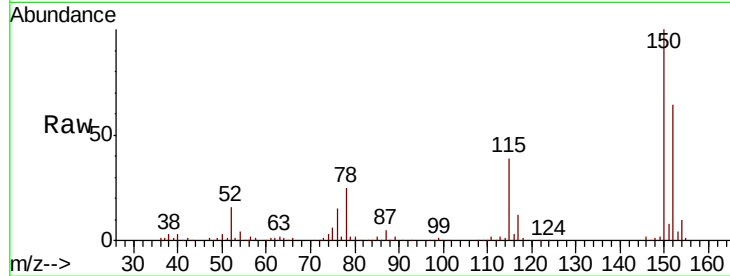


#1

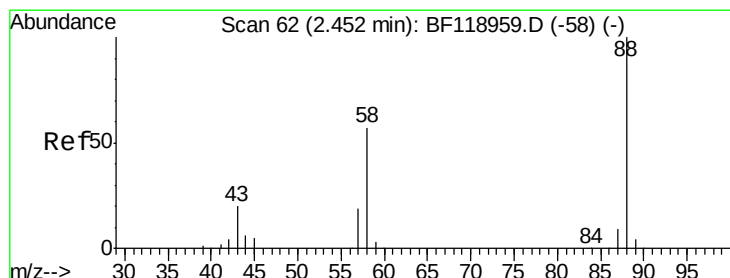
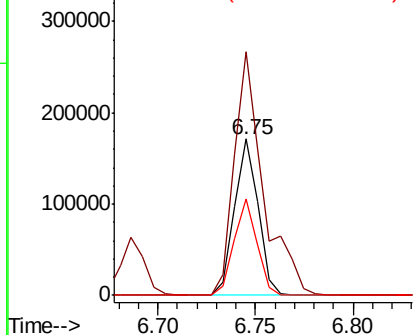
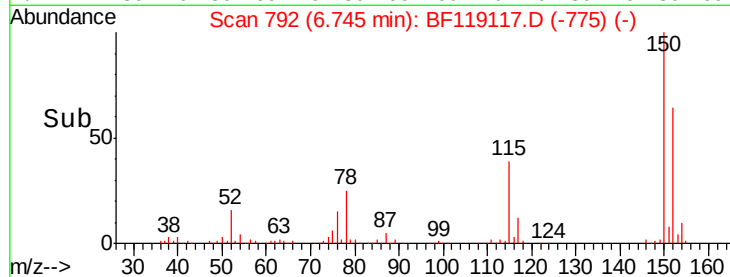
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.6
115	61.5	49.5	74.3



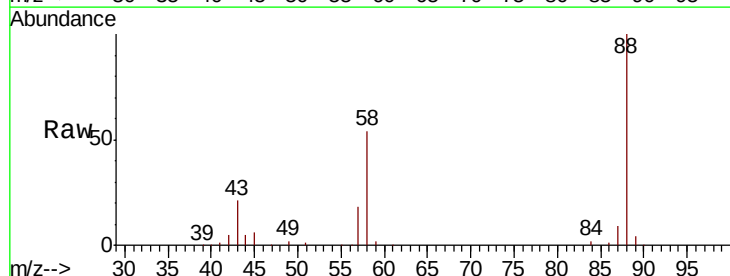
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



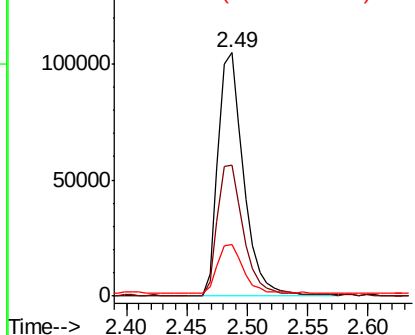
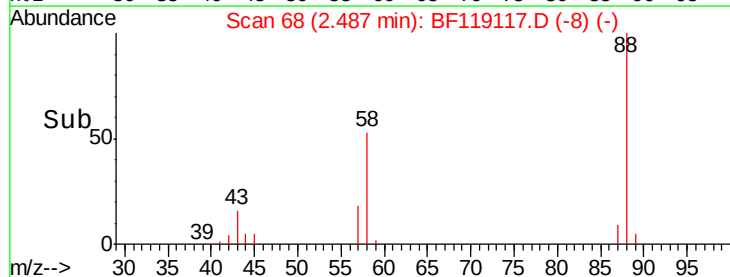
#2

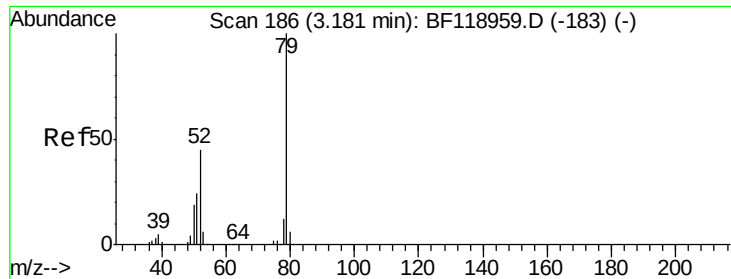
1,4-Dioxane
 Concen: 40.375 ng
 RT: 2.49 min Scan# 68
 Delta R.T. 0.05 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	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

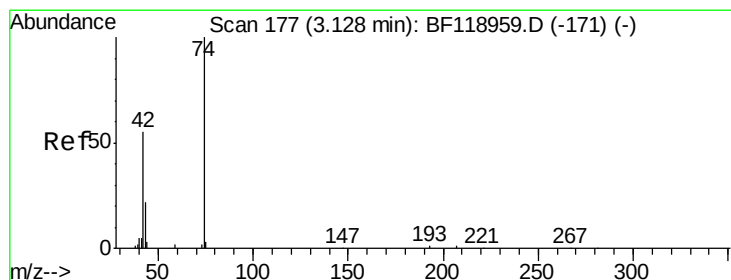
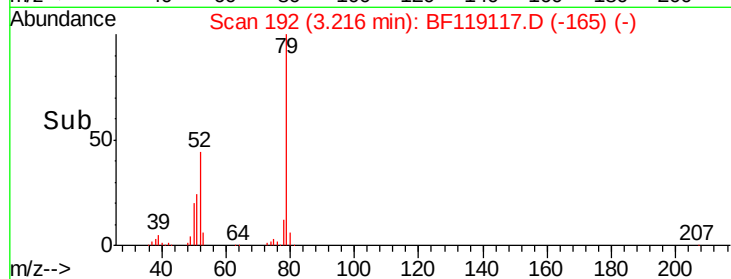
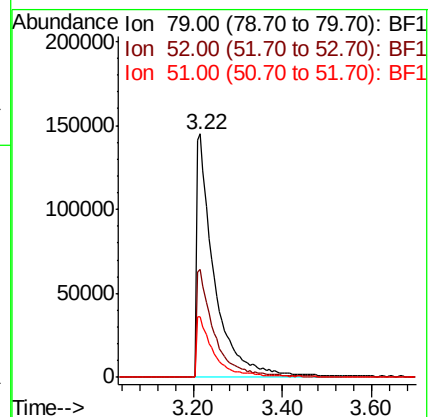
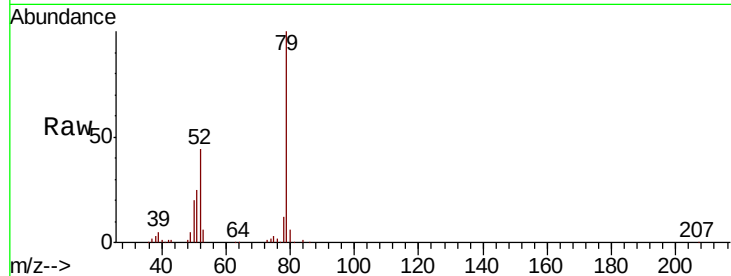




#3
 Pvridine
 Concen: 37.561 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.06 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

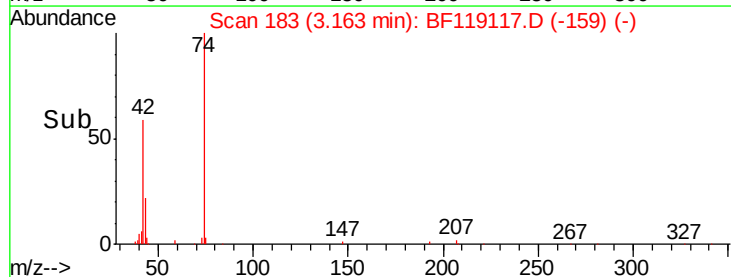
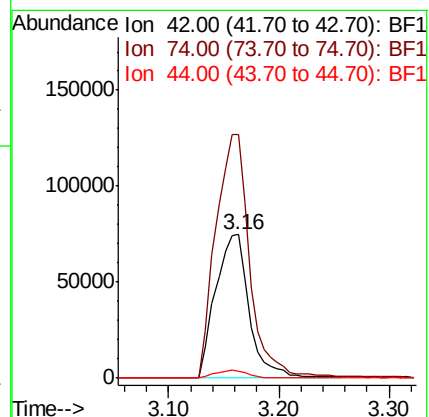
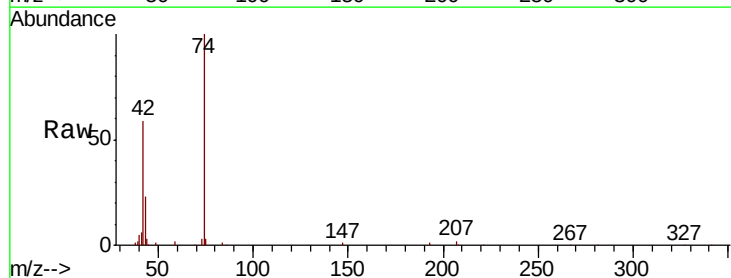
Instrument :
 BNA_F
 ClientSampleId :

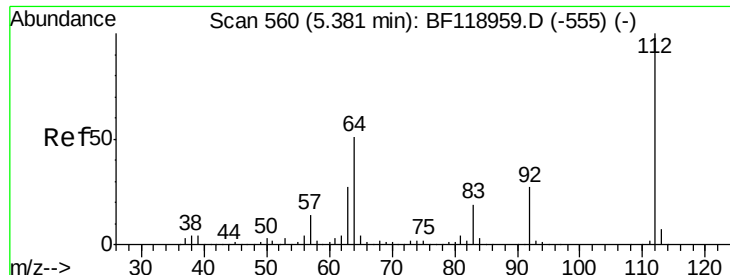
Tot Ion	Ratio	Lower	Upper
79	100		
52	44.2	37.4	56.0
51	24.7	19.8	29.6



#4
 n-Nitrosodimethylamine
 Concen: 50.088 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.04 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.9	137.7	206.5
44	5.1	4.5	6.7





#5

2-Fluorophenol

Concen: 82.750 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119117.D

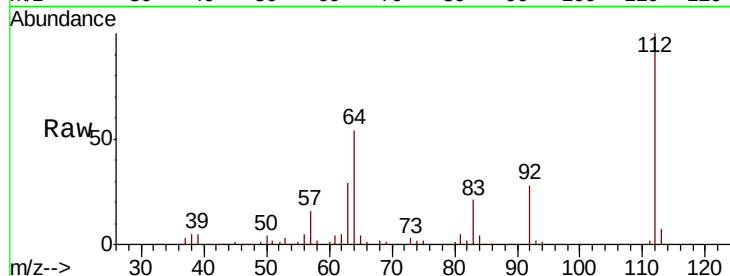
Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampled :

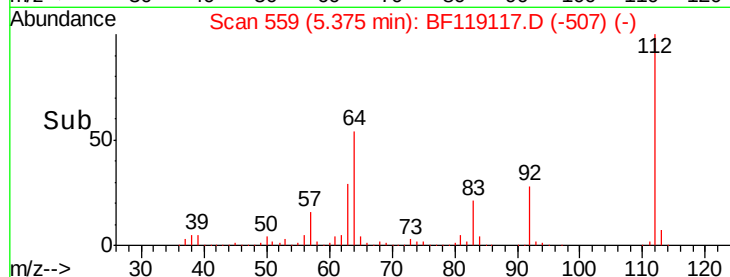
Tot Ion:	112	Resp:	707617
Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.2	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

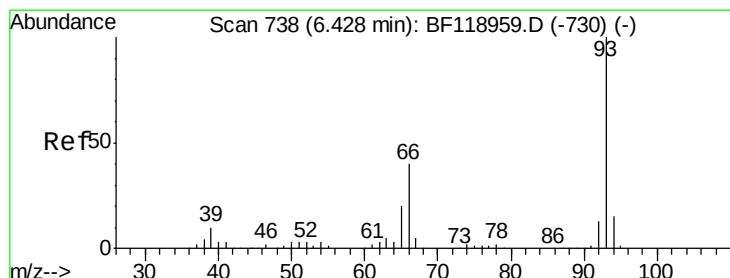
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->

5.37



#6

Aniline

Concen: 34.665 ng

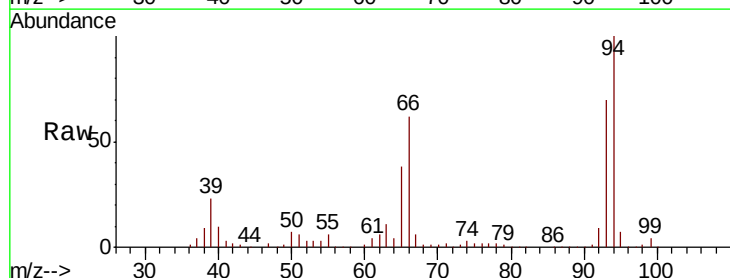
RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

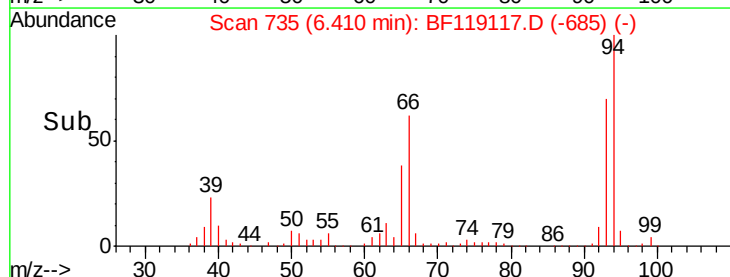
Tgt Ion:	93	Resp:	444846
Ion	Ratio	Lower	Upper
93	100		
66	88.5	74.5	111.7
65	54.4	45.3	67.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

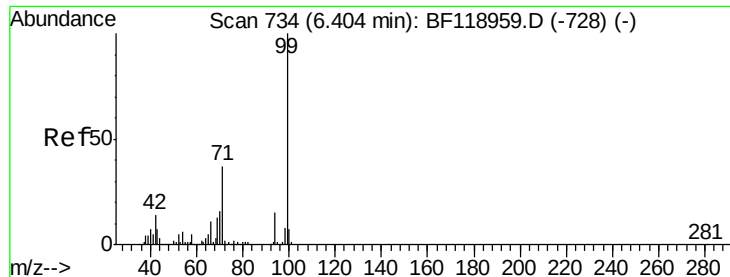
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->

6.41



#7

Phenol-d6

Concen: 82.330 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

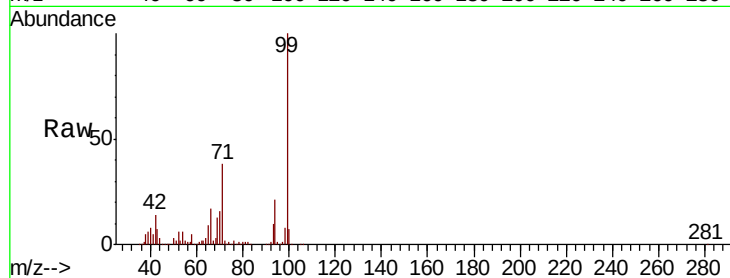
Tot Ion: 99 Resp: 856224

Ion Ratio Lower Upper

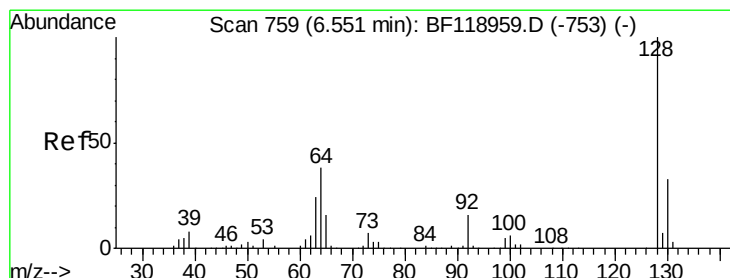
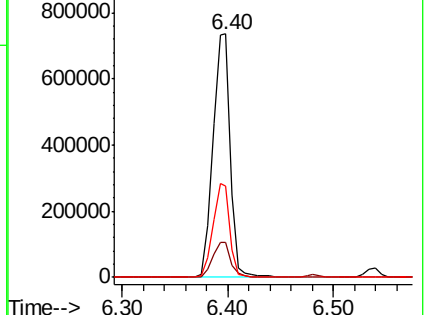
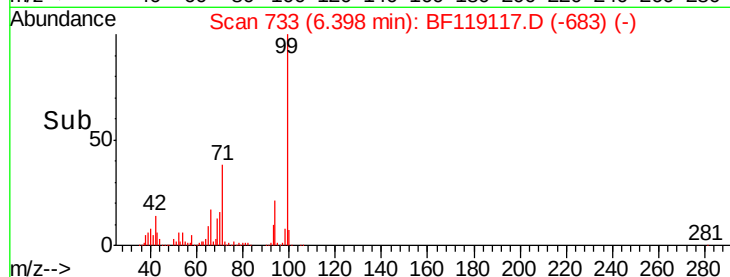
99 100

42 14.3 12.6 18.8

71 37.6 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: 51.669 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

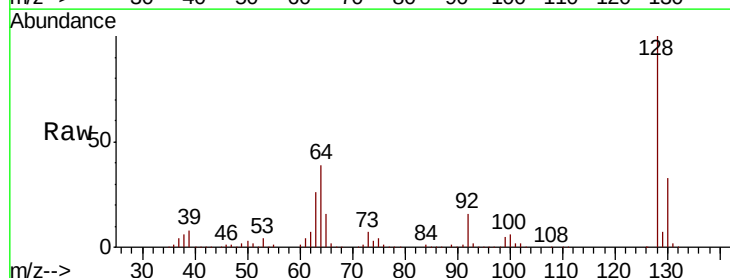
Tgt Ion: 128 Resp: 476824

Ion Ratio Lower Upper

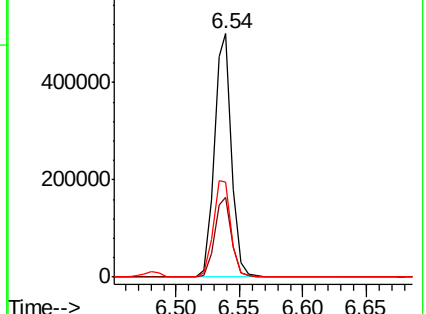
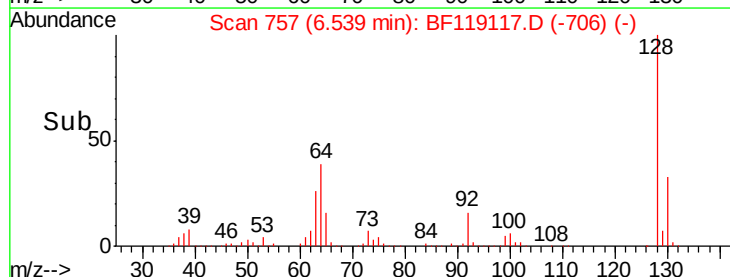
128 100

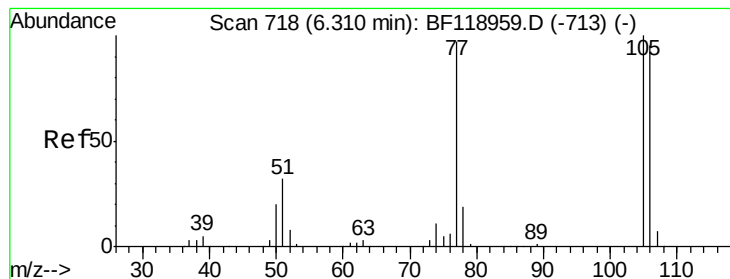
130 33.0 12.7 52.7

64 38.9 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: 27.820 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

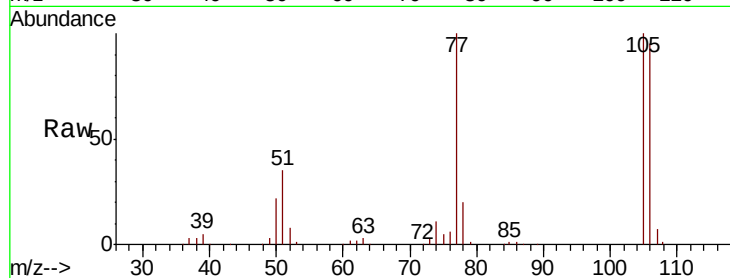
Tot Ion: 77 Resp: 193306

Ion Ratio Lower Upper

77 100

105 100.0 80.1 120.1

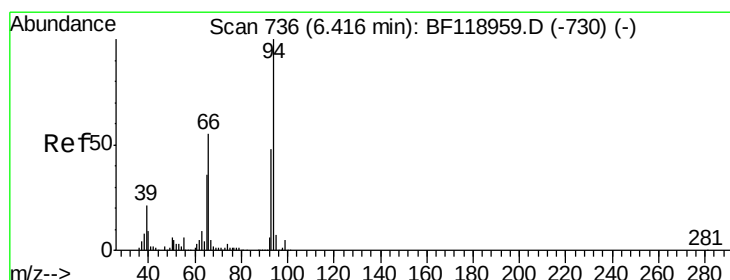
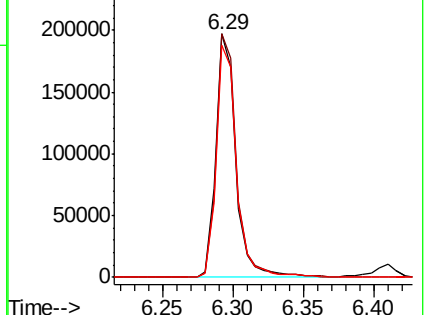
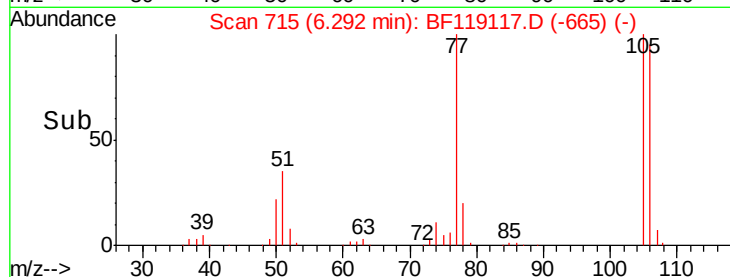
106 95.3 75.9 115.9



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: 49.292 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

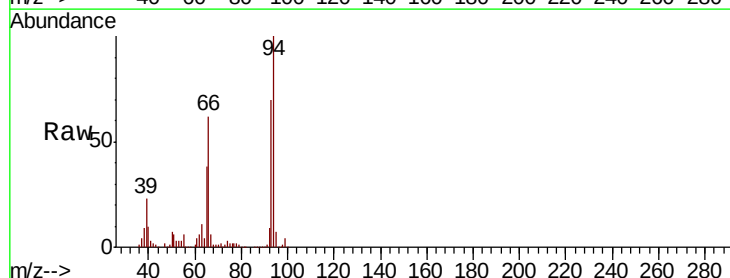
Tgt Ion: 94 Resp: 554248

Ion Ratio Lower Upper

94 100

65 38.3 19.2 59.2

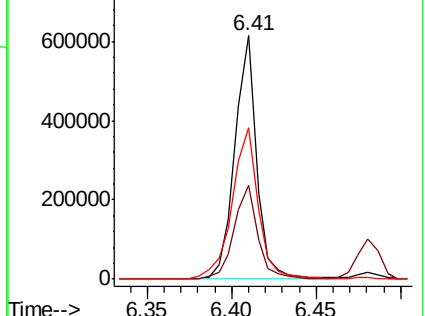
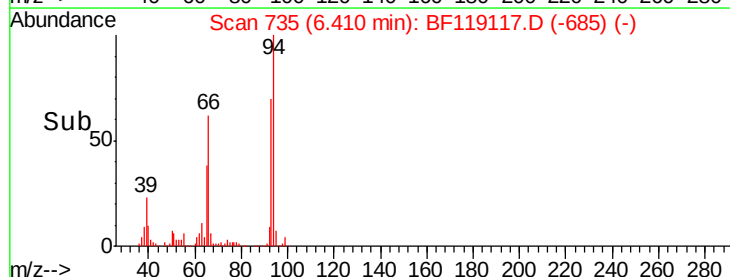
66 62.3 44.4 84.4

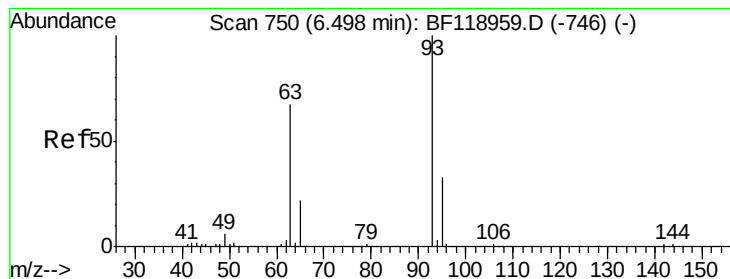


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

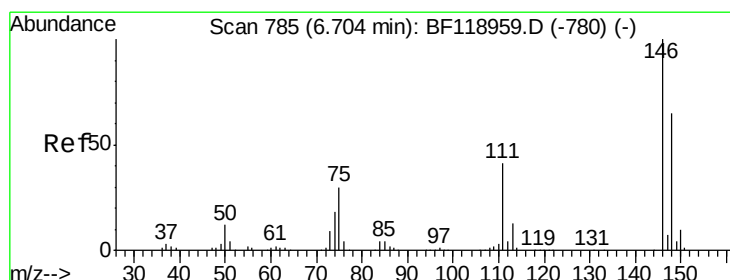
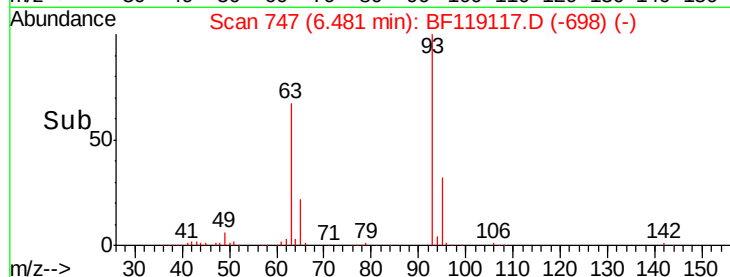
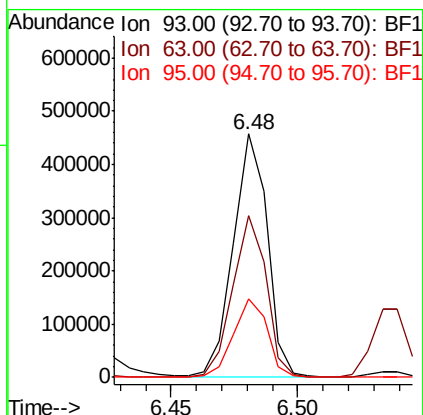
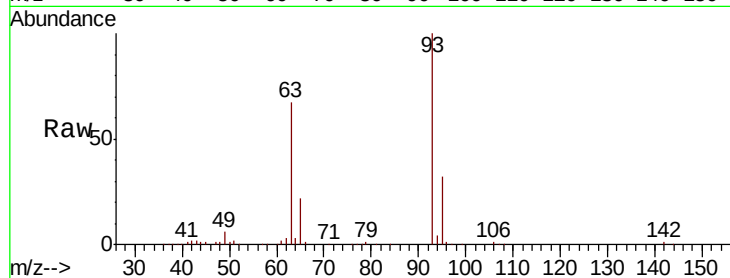




#11
 bis(2-Chloroethyl)ether
 Concen: 49.493 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

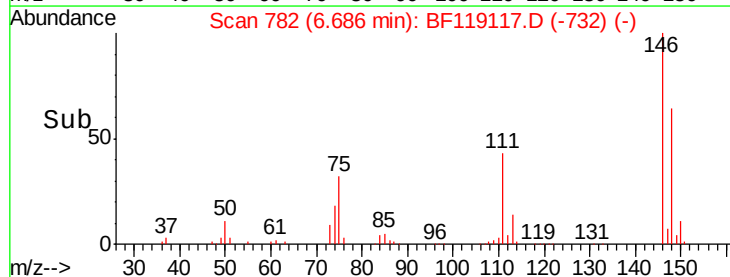
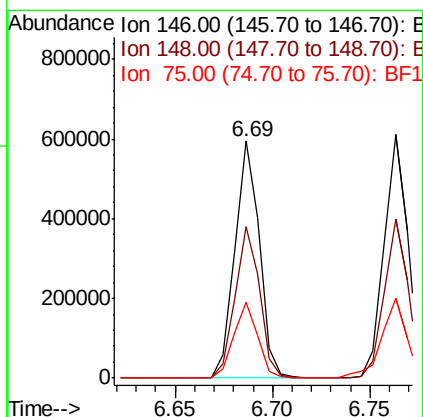
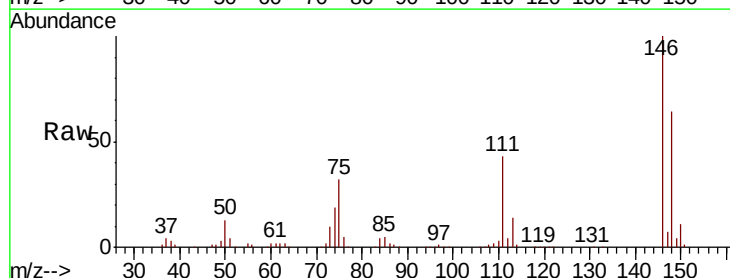
Instrument :
 BNA_F
 ClientSampleId :

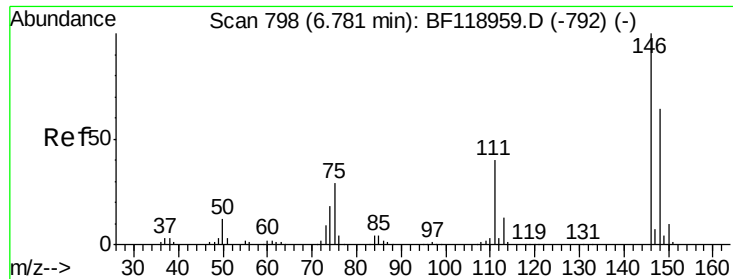
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.7	45.4	85.4
95	32.4	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 46.840 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.5	78.7
75	32.1	23.6	35.4

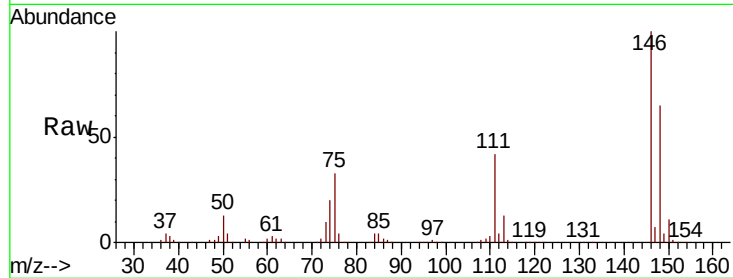




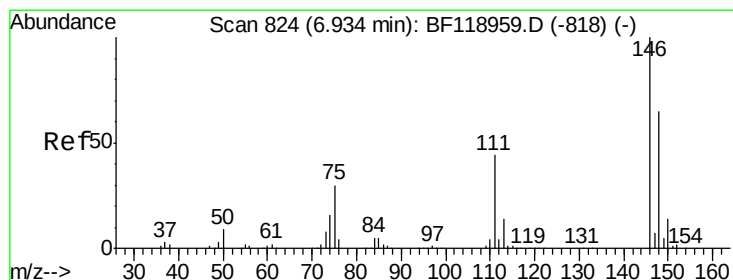
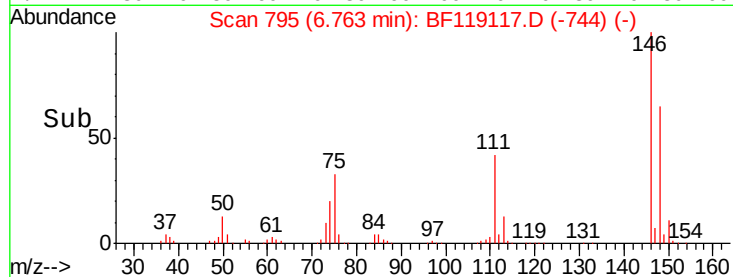
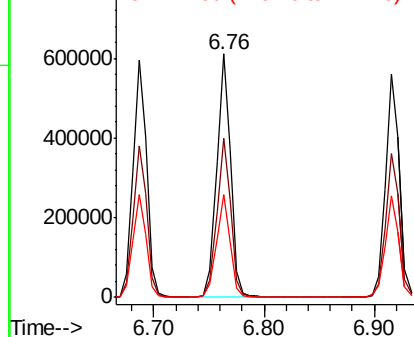
#13
 1,4-Dichlorobenzene
 Concen: 47.535 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 526140
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 42.3 34.8 52.2

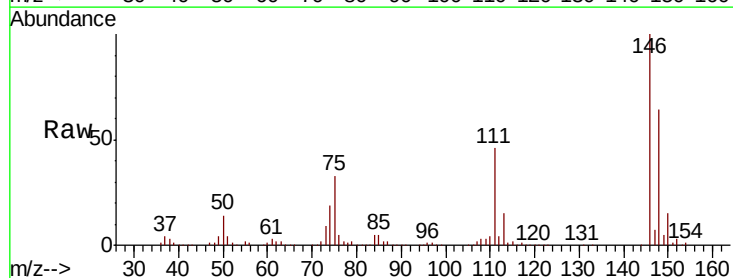


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

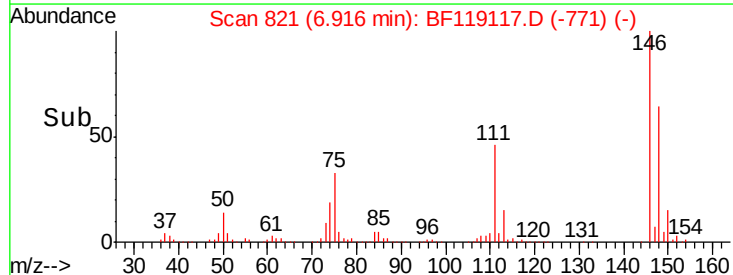
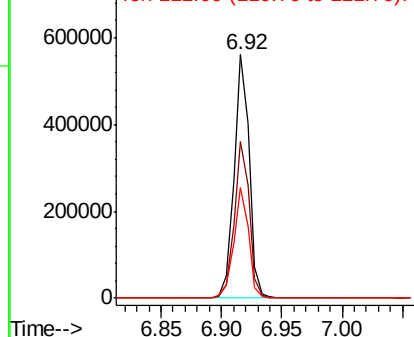


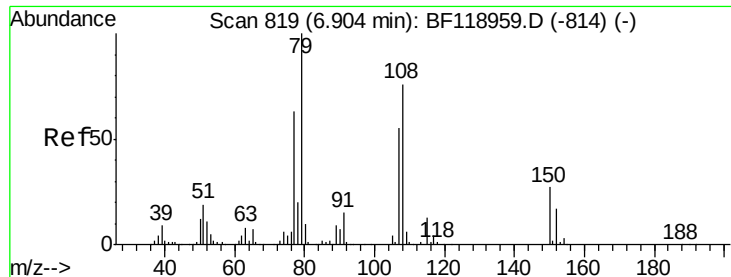
#14
 1,2-Dichlorobenzene
 Concen: 48.363 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:146 Resp: 488200
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 45.6 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: 51.151 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

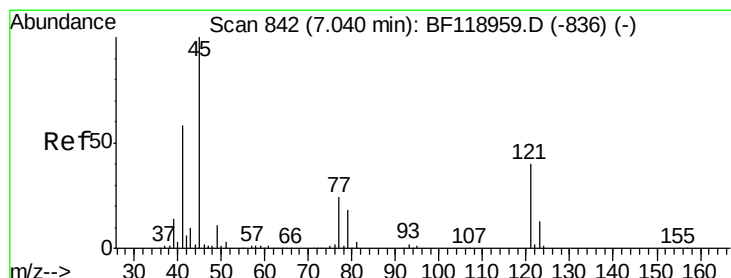
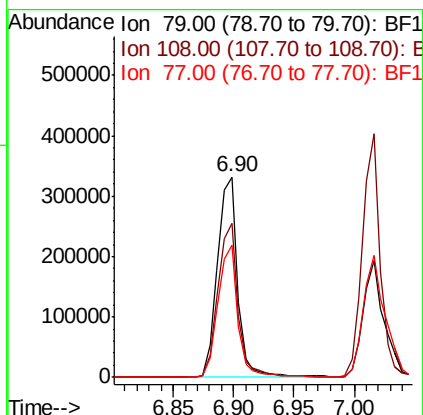
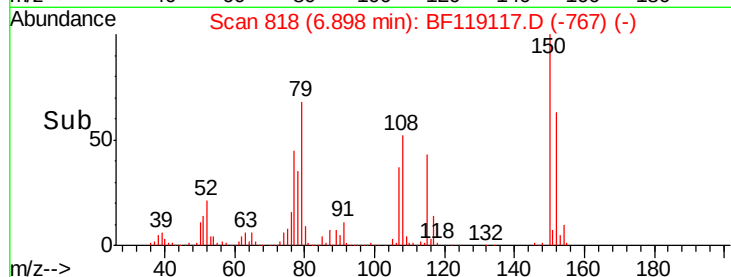
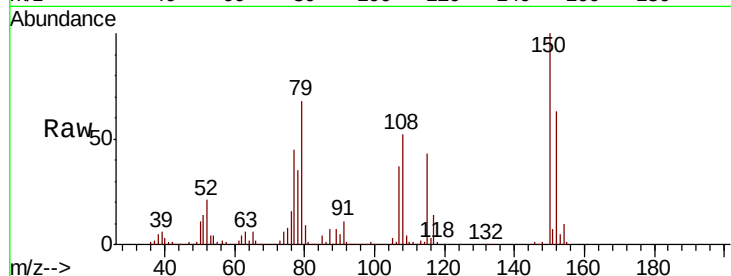
Tot Ion: 79 Resp: 384472

Ion Ratio Lower Upper

79 100

108 76.6 58.2 87.2

77 65.8 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.592 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

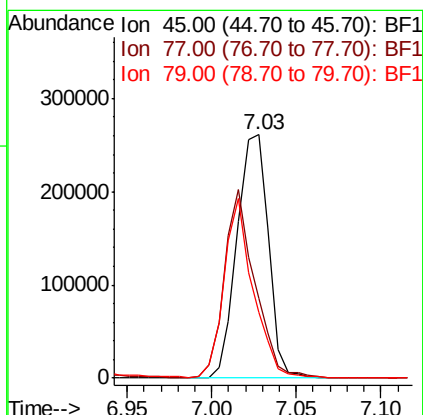
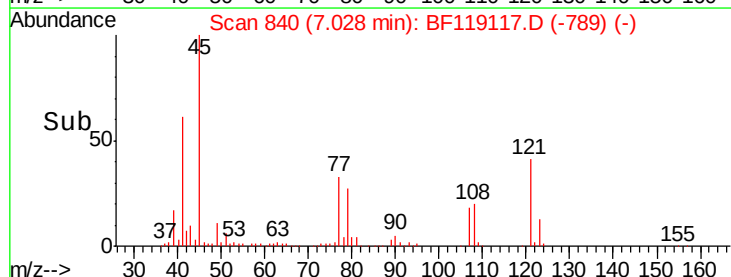
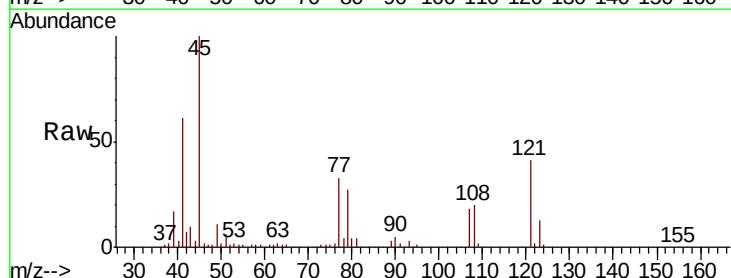
Tgt Ion: 45 Resp: 339782

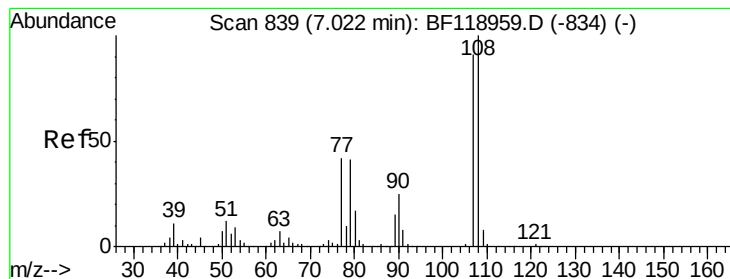
Ion Ratio Lower Upper

45 100

77 33.0 15.0 55.0

79 26.9 9.4 49.4

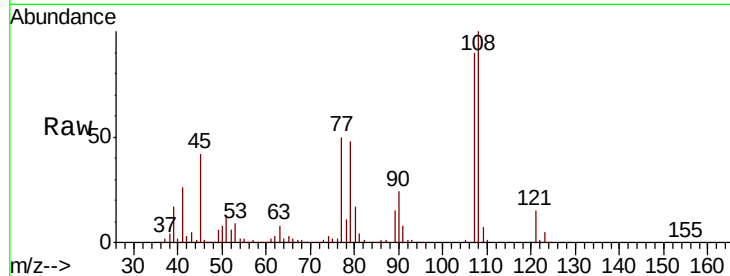




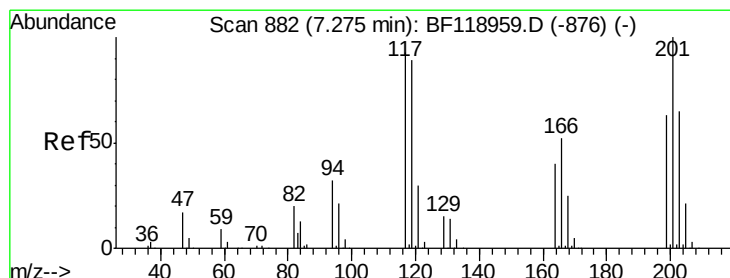
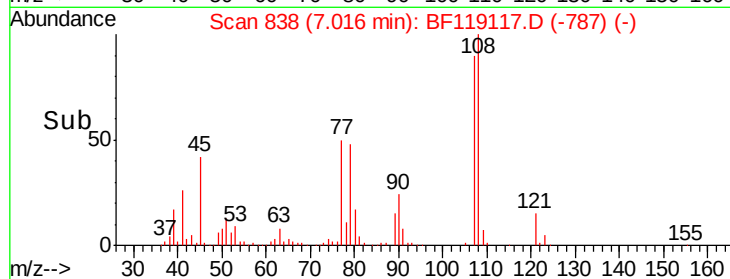
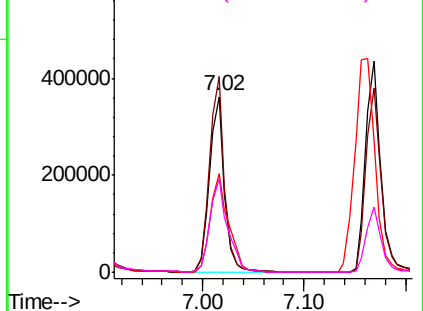
#17
2-Methylphenol
Concen: 49.294 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	368817
Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.9	131.9
77	55.9	45.3	67.9
79	53.1	43.0	64.4

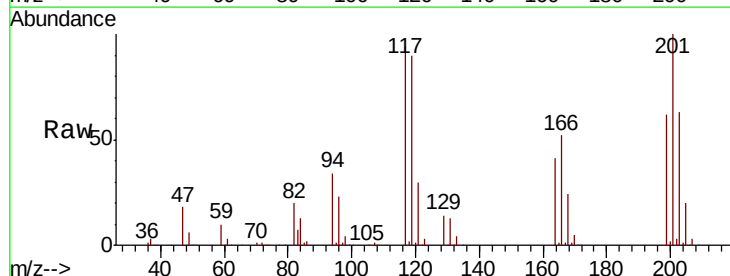


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

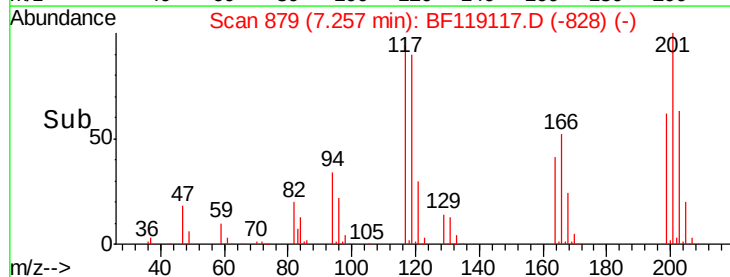
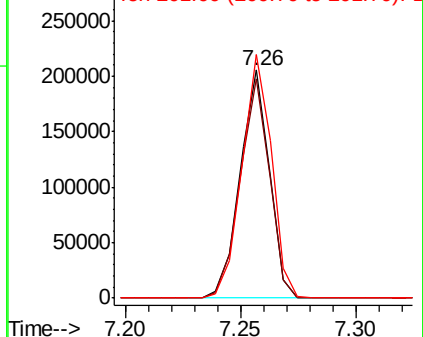


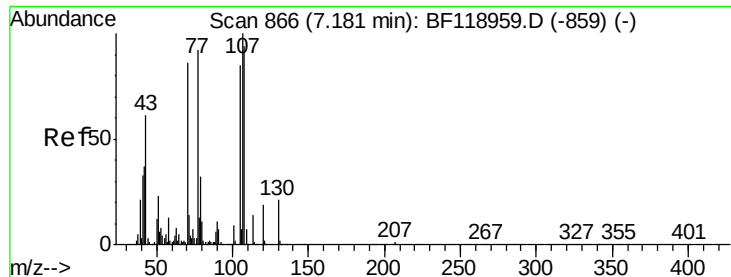
#18
Hexachloroethane
Concen: 45.933 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:	117	Resp:	181890
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.5	116.3
201	106.7	82.6	123.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

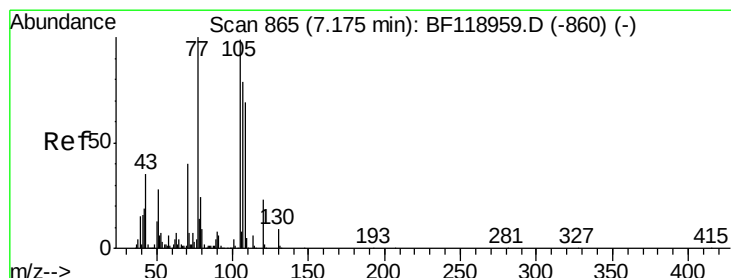
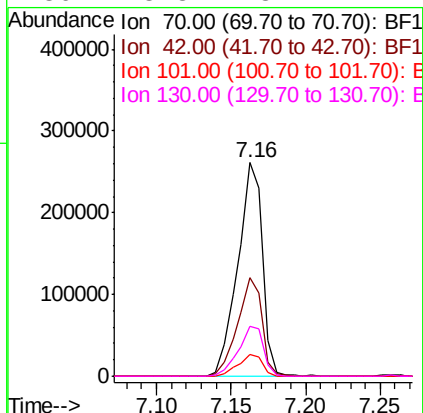
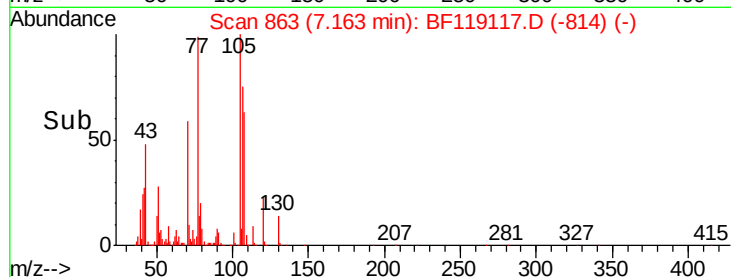
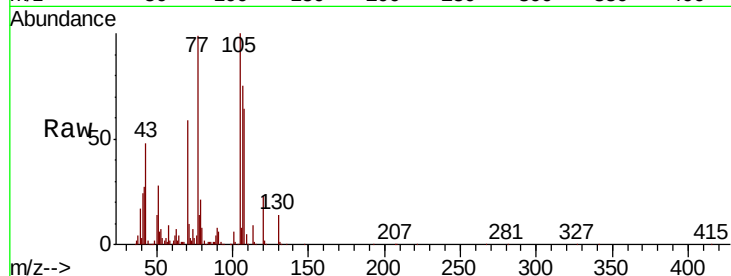




#19
n-Nitroso-di-n-propylamine
Concen: 49.618 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

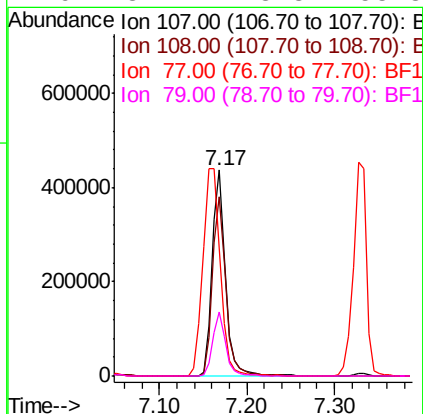
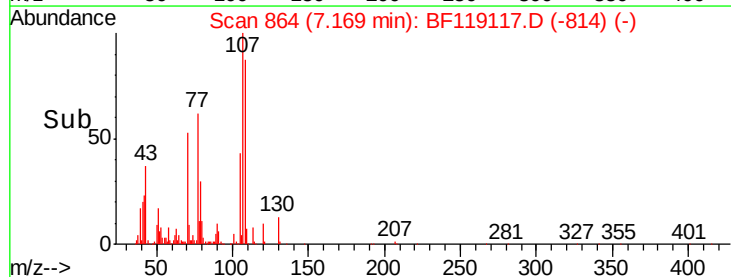
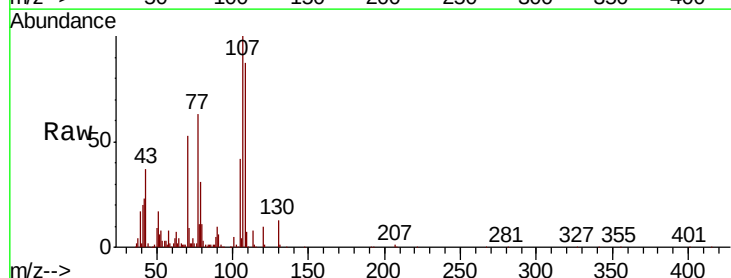
Instrument :
BNA_F
ClientSampleId :

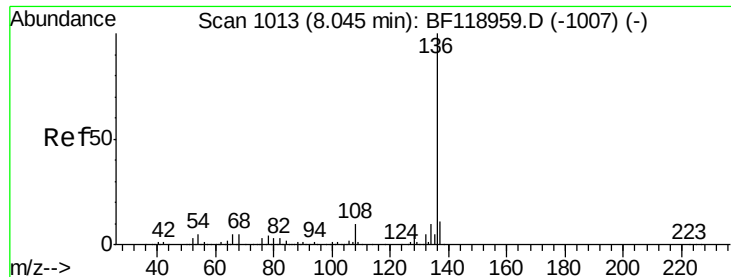
Tot Ion: 70 Resp: 300688
Ion Ratio Lower Upper
70 100
42 46.3 38.0 57.0
101 10.2 8.2 12.4
130 23.3 18.2 27.4



#20
3+4-Methylphenols
Concen: 50.367 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion: 107 Resp: 461692
Ion Ratio Lower Upper
107 100
108 87.3 71.5 111.5
77 62.6 45.9 85.9
79 31.1 13.8 53.8

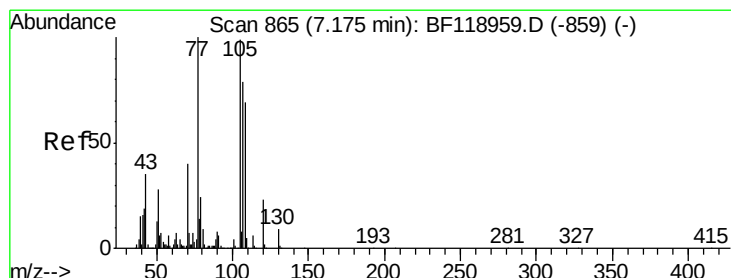
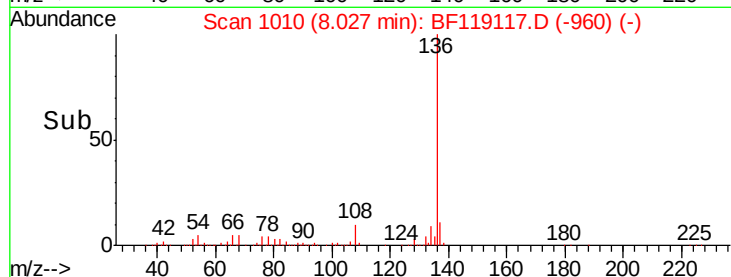
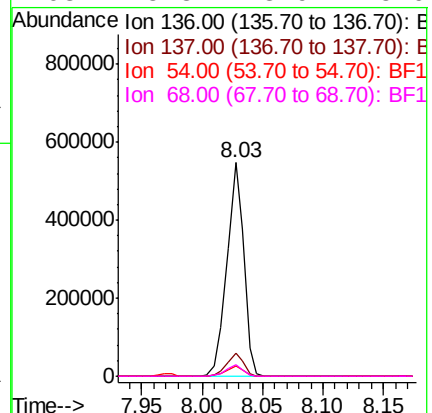
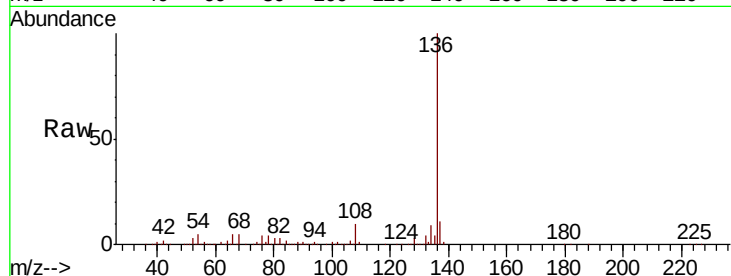




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

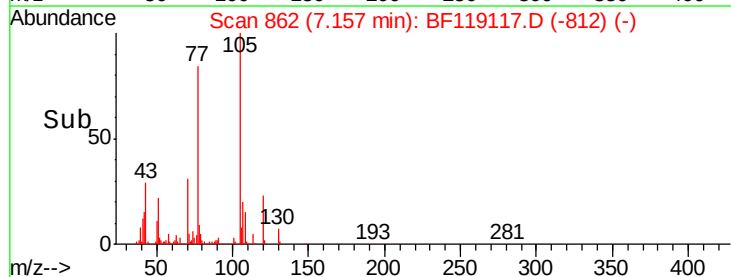
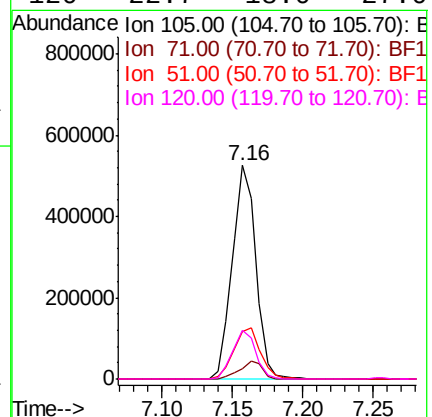
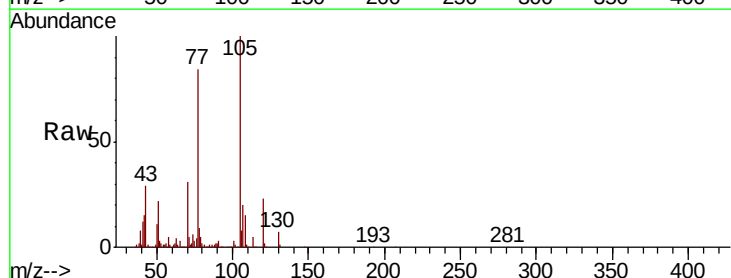
Instrument :
BNA_F
ClientSampleId :

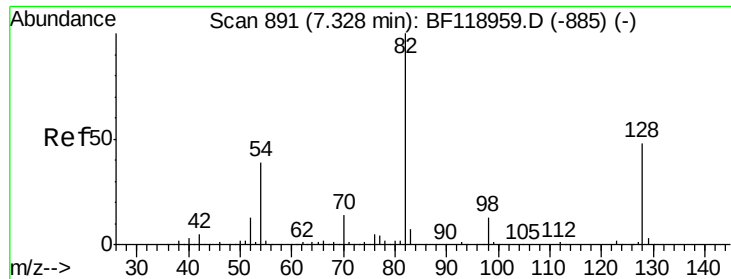
Tot Ion:136	Resp:	526739
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	4.9	3.8 5.6
68	5.3	3.9 5.9



#22
Acetophenone
Concen: 49.880 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:105	Resp:	607903
Ion	Ratio	Lower Upper
105	100	
71	5.1	3.0 4.4#
51	22.2	20.1 30.1
120	22.7	18.0 27.0

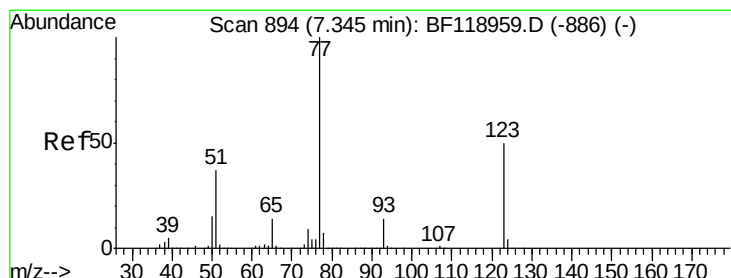
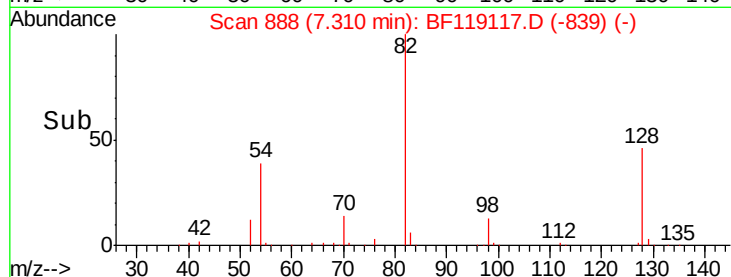
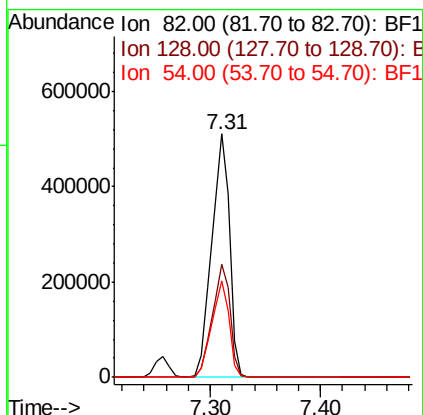
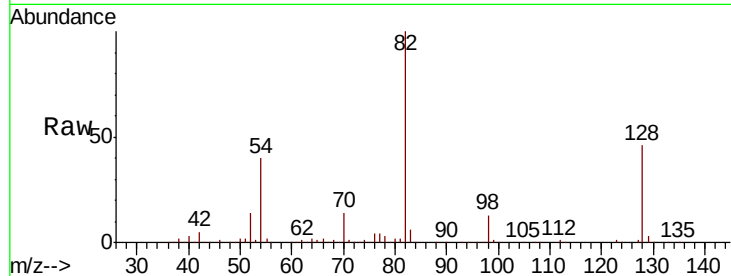




#23
Nitrobenzene-d5
Concen: 56.555 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

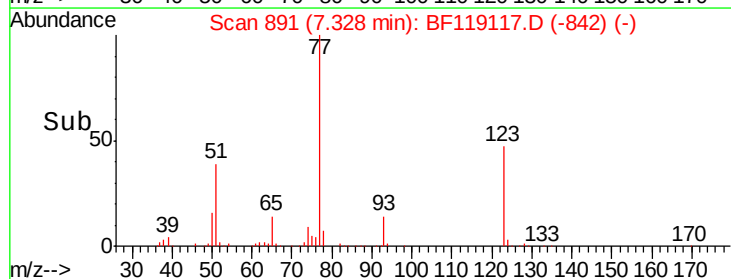
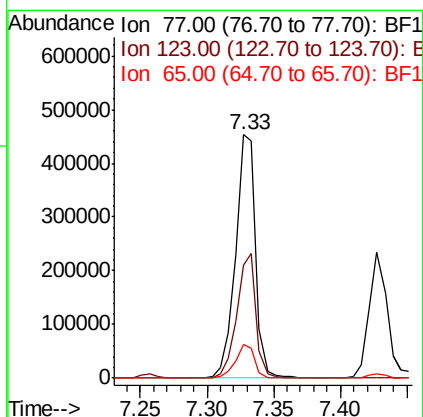
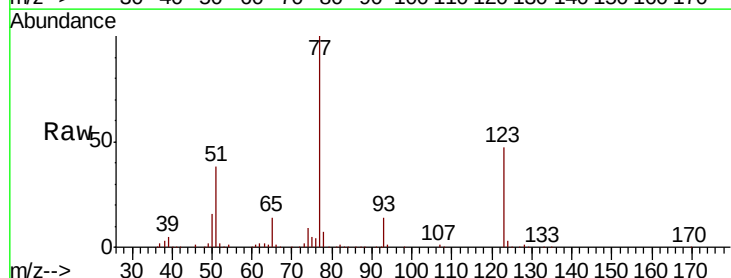
Instrument :
BNA_F
ClientSampleId :

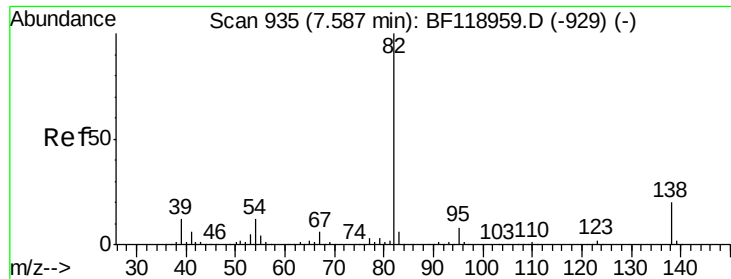
Tot Ion: 82 Resp: 564200
Ion Ratio Lower Upper
82 100
128 46.3 37.9 56.9
54 39.5 33.4 50.2



#24
Nitrobenzene
Concen: 48.080 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion: 77 Resp: 474324
Ion Ratio Lower Upper
77 100
123 46.7 40.2 60.2
65 13.8 10.8 16.2





#25

Isophorone

Concen: 48.480 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

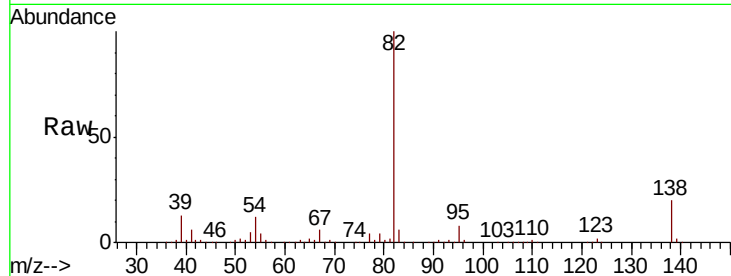
Tot Ion: 82 Resp: 839947

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

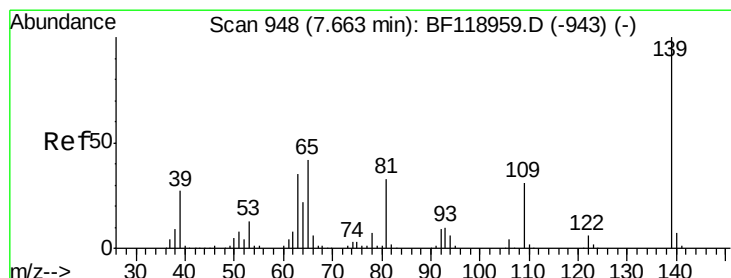
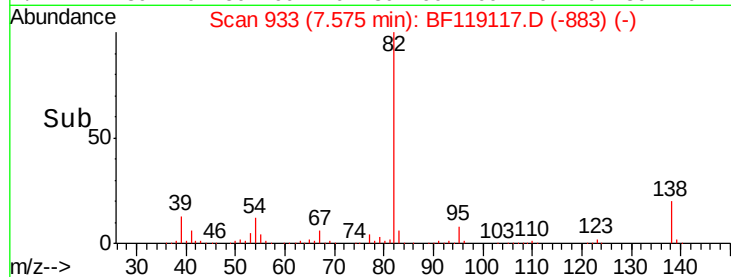
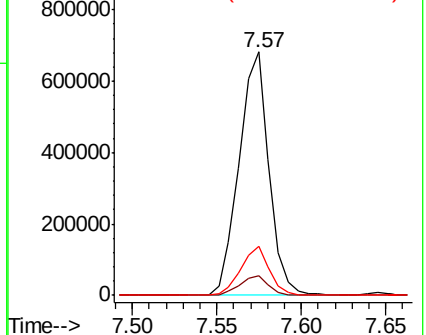
138 20.3 15.7 23.5



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: 48.916 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

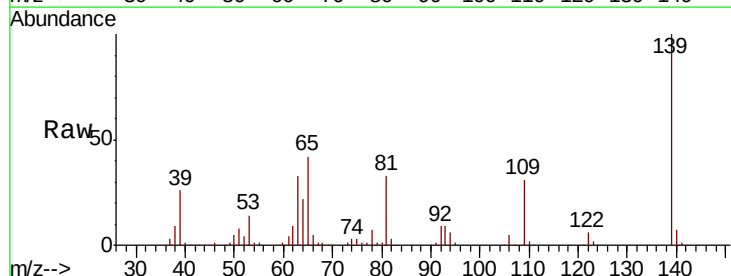
Tgt Ion: 139 Resp: 255692

Ion Ratio Lower Upper

139 100

109 30.5 25.7 38.5

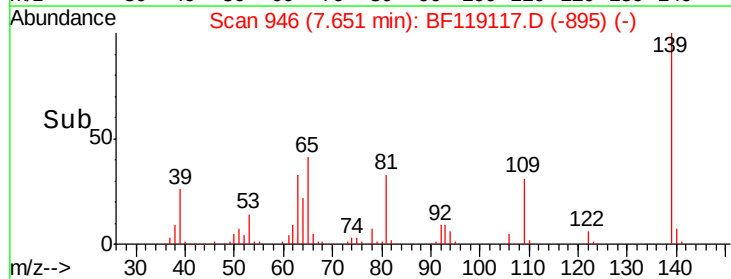
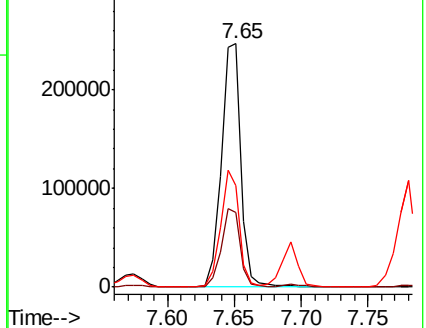
65 41.6 37.1 55.7

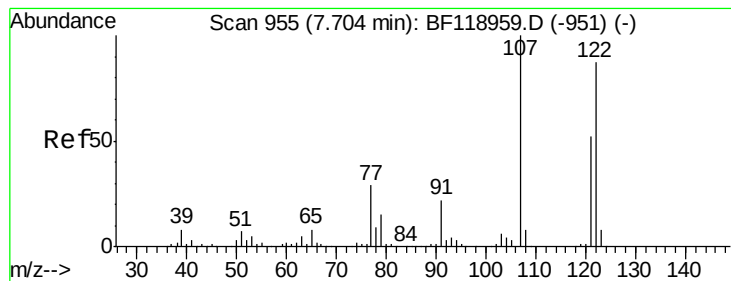


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.643 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

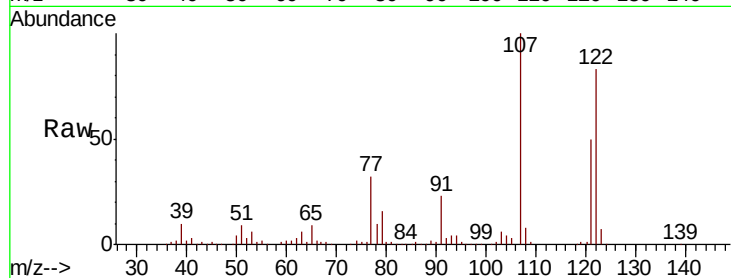
Tot Ion:122 Resp: 387646

Ion Ratio Lower Upper

122 100

107 119.9 93.8 140.6

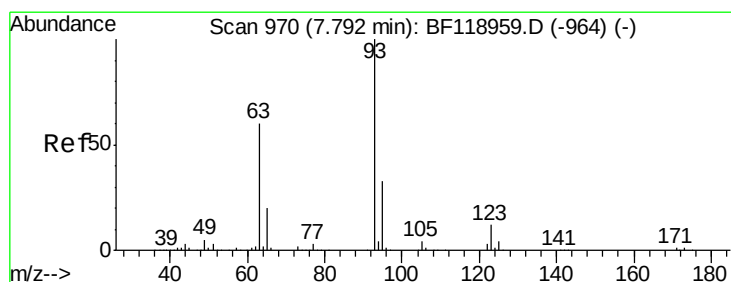
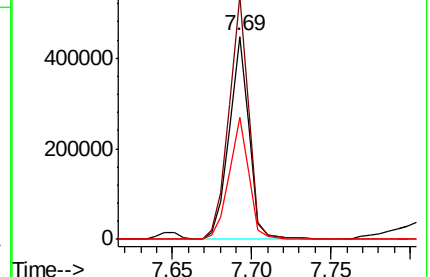
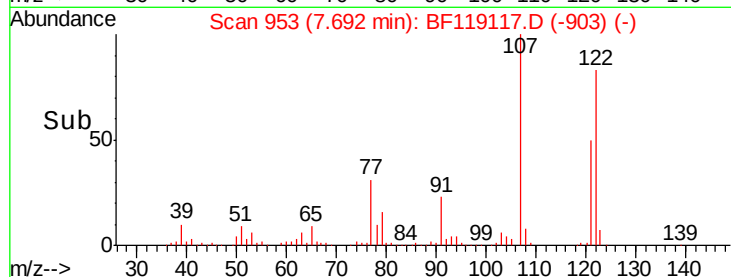
121 59.9 48.2 72.2



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: 46.029 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

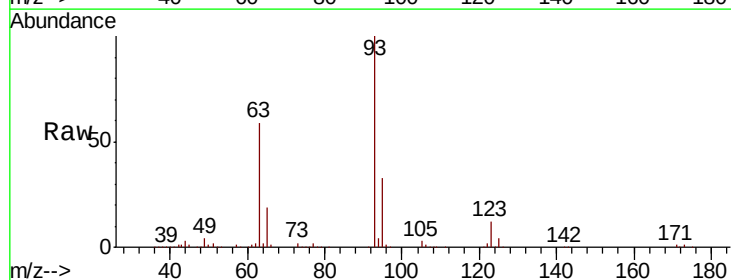
Tgt Ion: 93 Resp: 519078

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

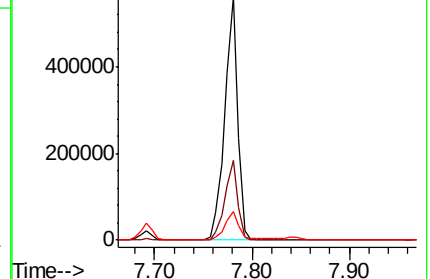
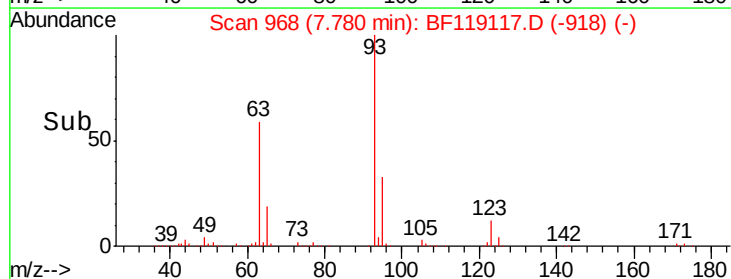
123 11.8 10.2 15.2

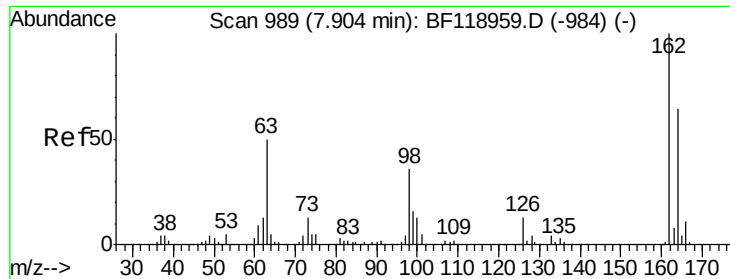


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

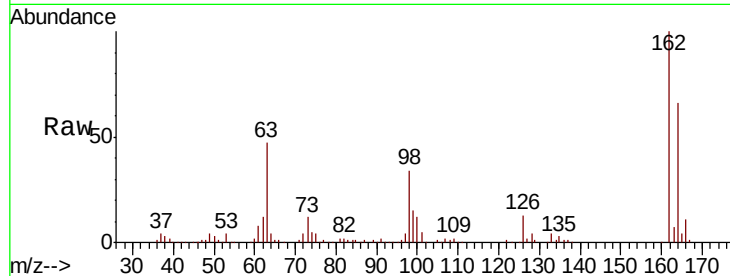




#29
2,4-Dichlorophenol
Concen: 47.211 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.2	85.2
98	34.5	17.4	57.4

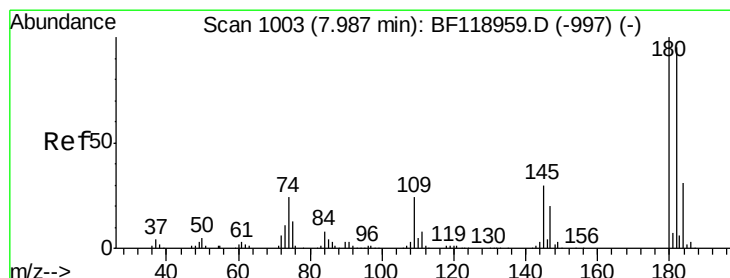
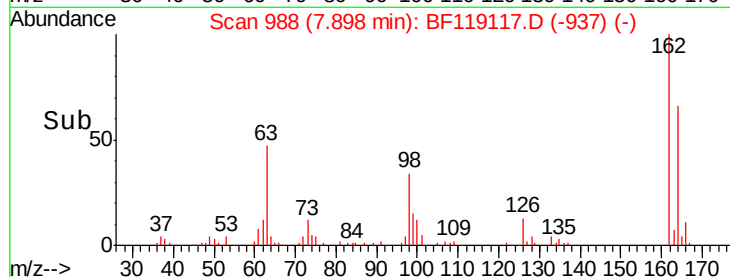
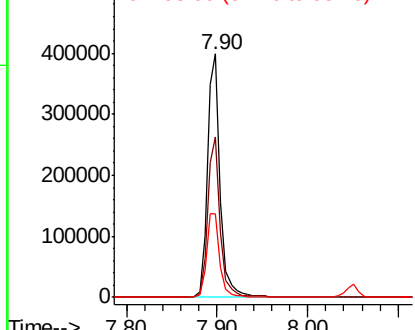


Abundance

Ion 162.00 (161.70 to 162.70): E

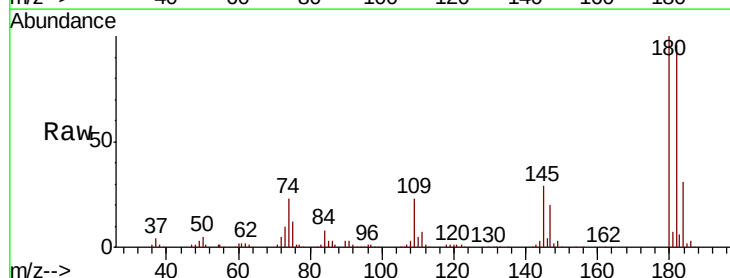
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 45.761 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.8	116.6
145	29.3	25.2	37.8

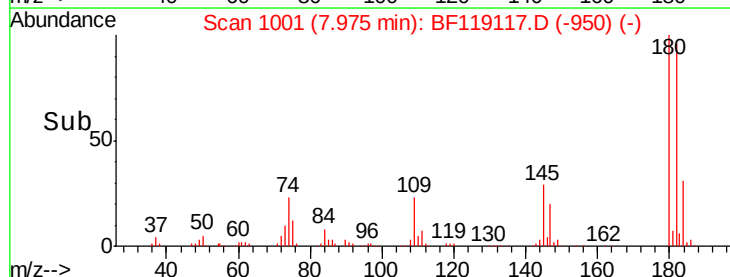
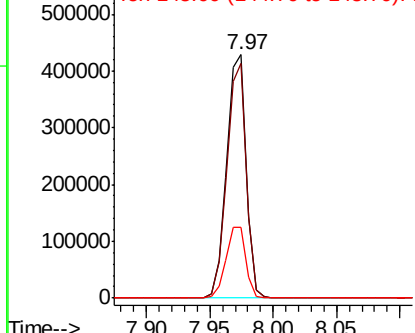


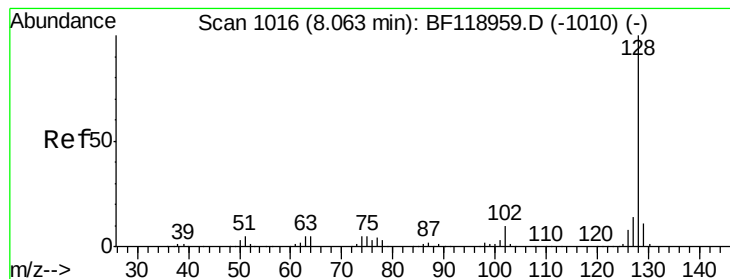
Abundance

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: 47.797 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

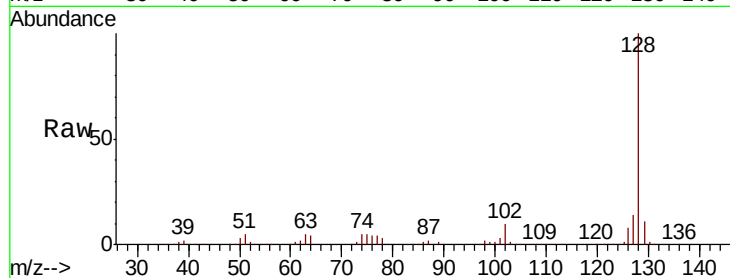
Tot Ion:128 Resp: 1305690

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

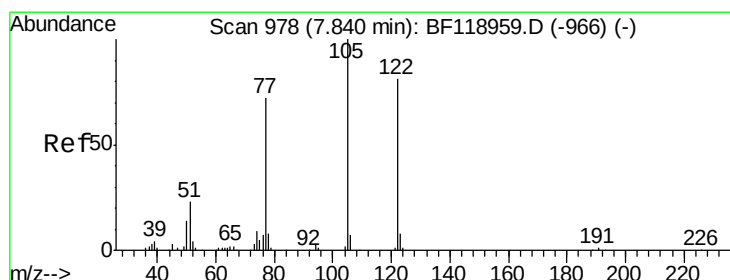
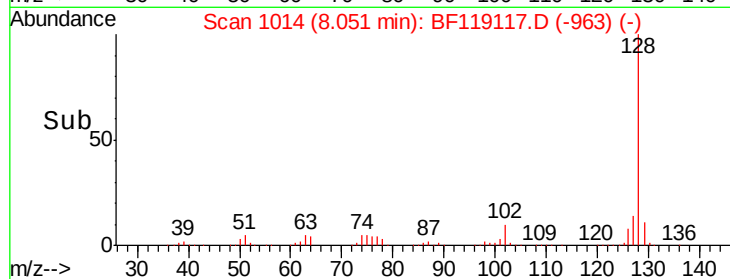
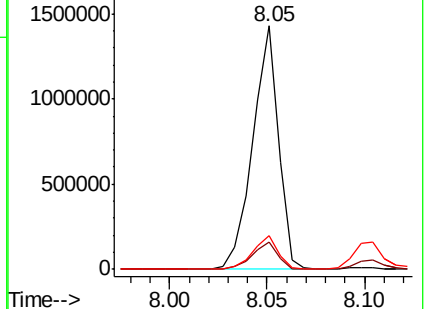
127 13.9 11.4 17.2



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: 45.963 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

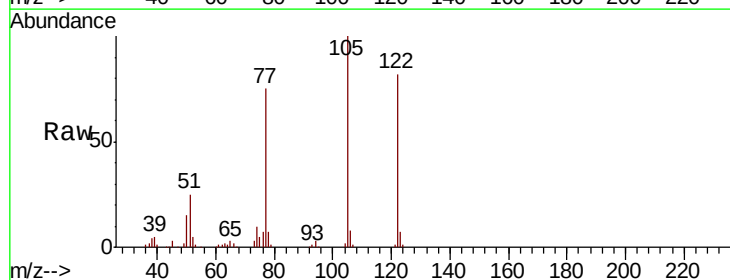
Tgt Ion:122 Resp: 236218

Ion Ratio Lower Upper

122 100

105 121.9 106.3 146.3

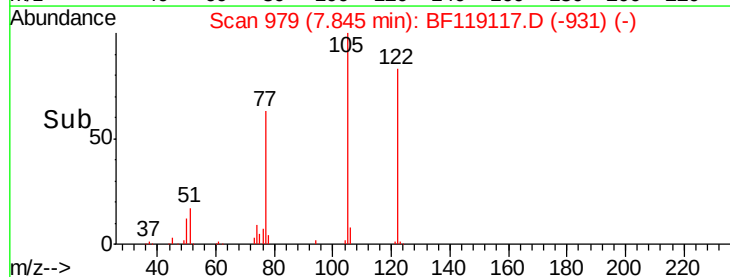
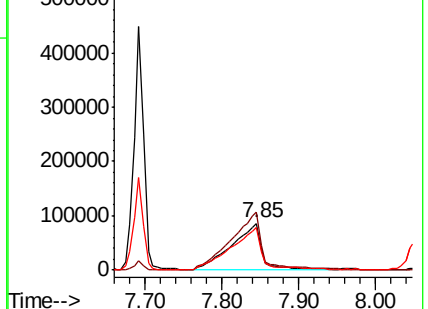
77 91.8 73.1 113.1

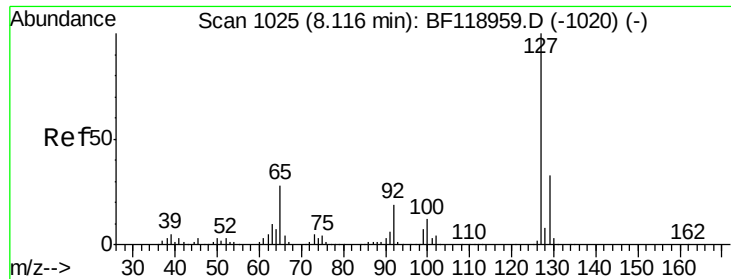


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

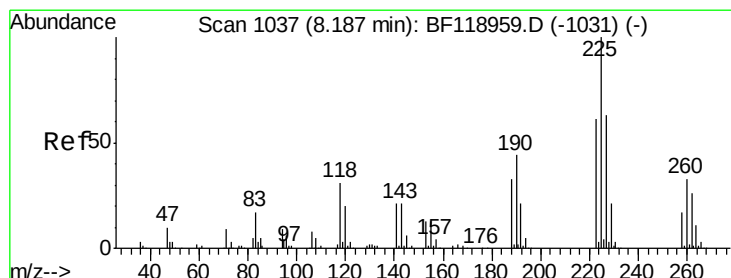
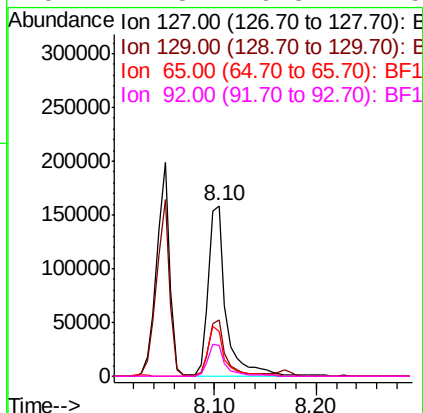
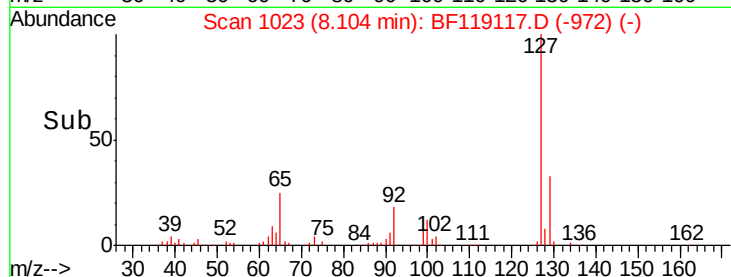
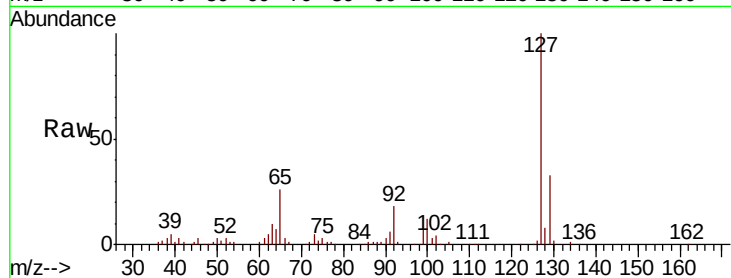




#33
4-Chloroaniline
Concen: 16.347 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

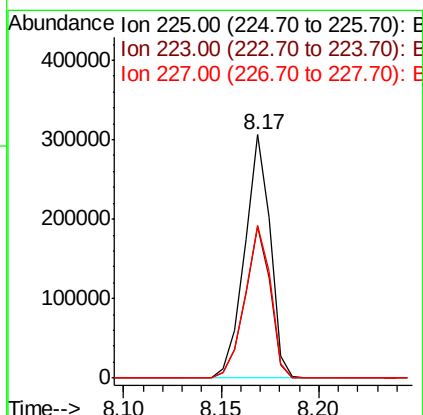
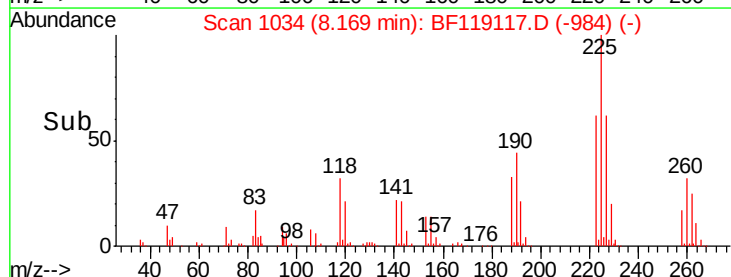
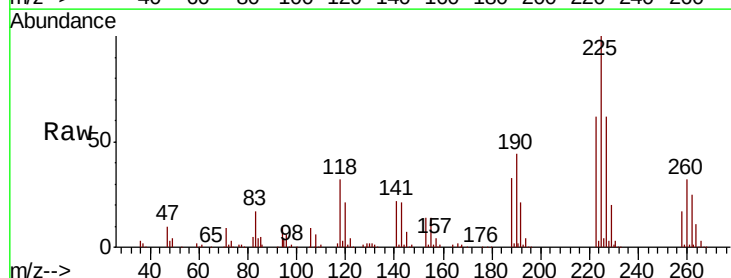
Instrument :
BNA_F
ClientSampleId :

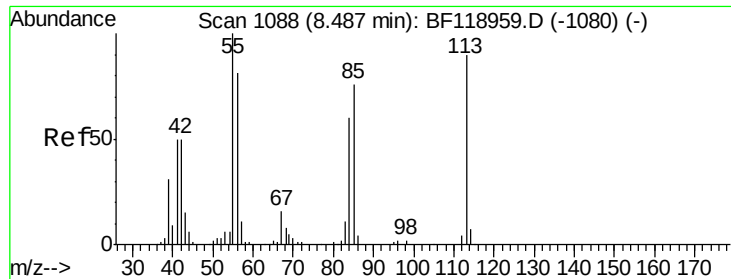
Tot Ion:	127	Resp:	192069
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	26.1	23.9	35.9
92	17.8	16.3	24.5



#34
Hexachlorobutadiene
Concen: 45.031 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:	225	Resp:	277749
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.2
227	62.5	52.9	79.3

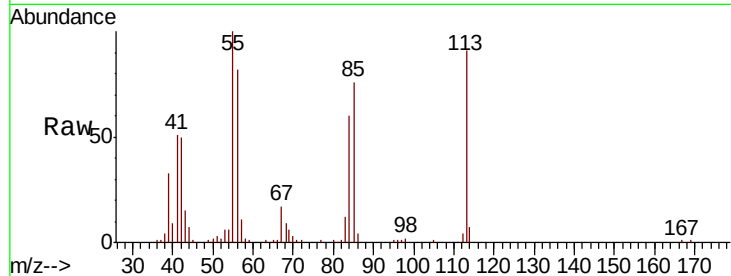




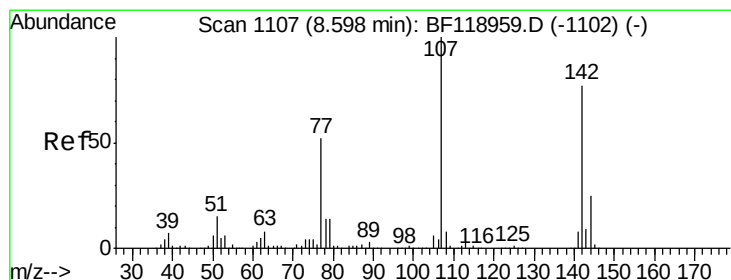
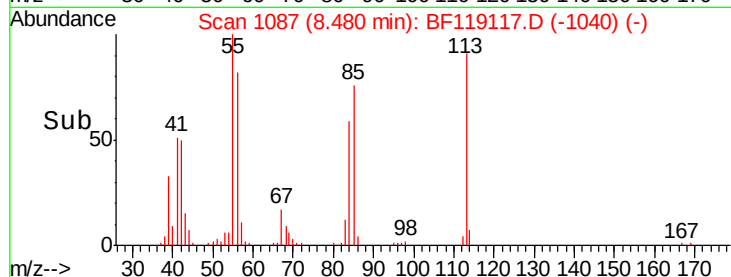
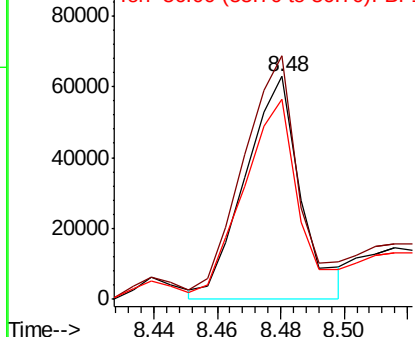
#35
 Caprolactam
 Concen: 29.569 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 76038
 Ion Ratio Lower Upper
 113 100
 55 109.4 95.7 135.7
 56 89.9 73.1 113.1

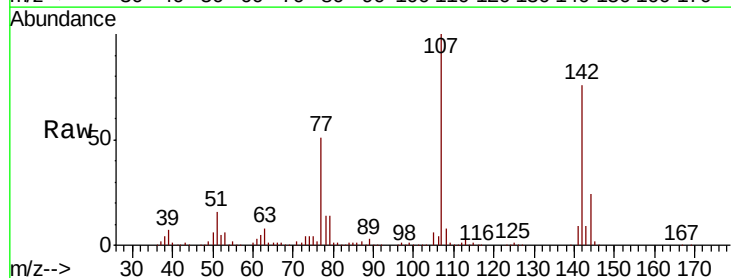


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

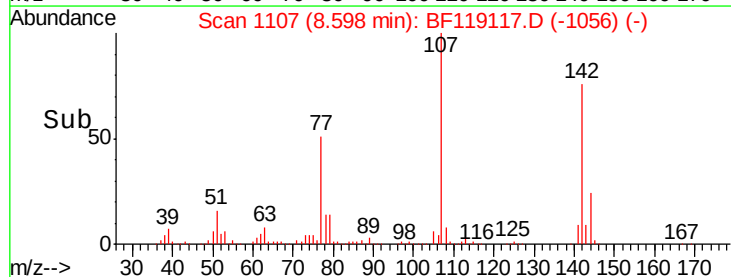
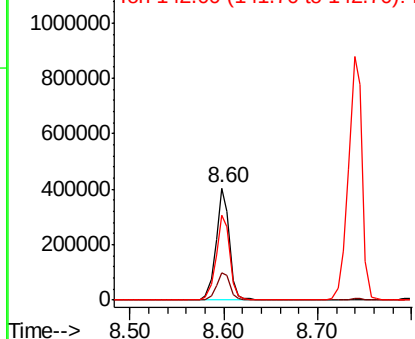


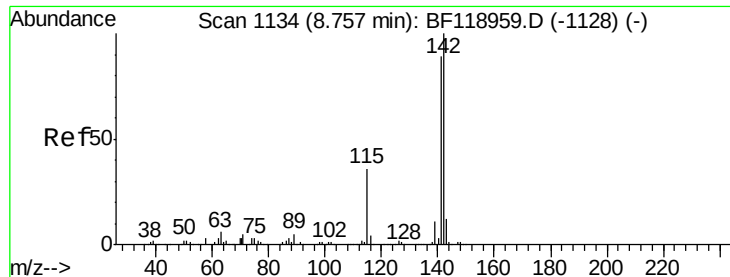
#36
 4-Chloro-3-methylphenol
 Concen: 48.255 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:107 Resp: 407857
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.1 30.1
 142 75.8 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

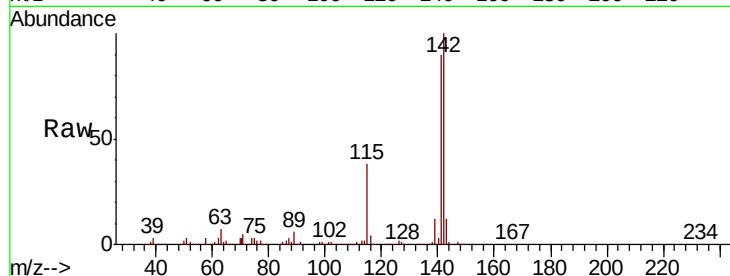




#37
2-Methylnaphthalene
Concen: 48.261 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	37.5	30.6	45.8

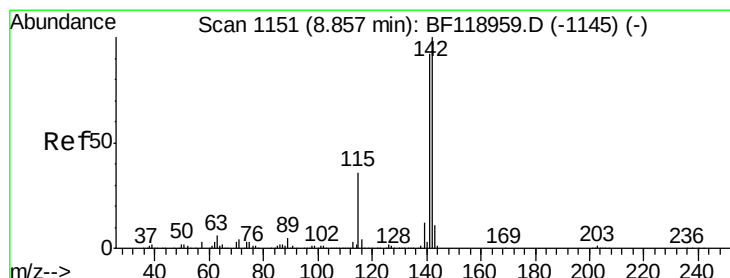
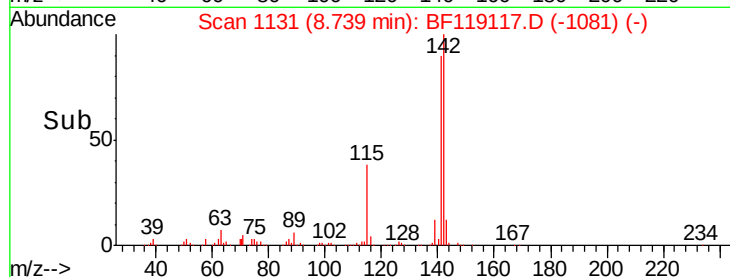
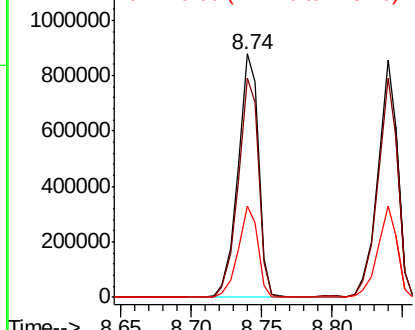


Abundance

Ion 142.00 (141.70 to 142.70): E

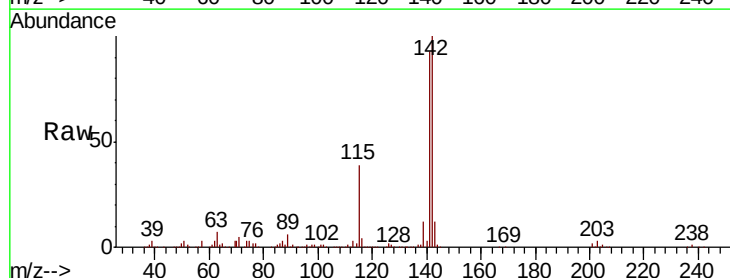
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.840 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.8	113.6
116	4.2	3.1	4.7

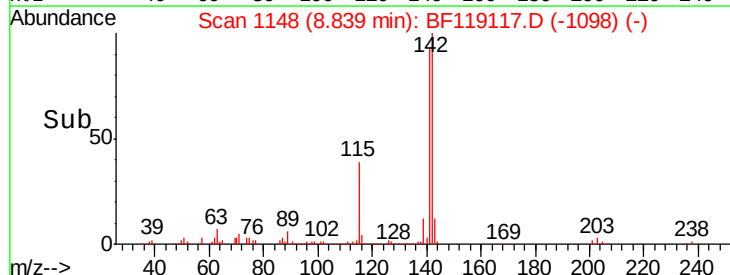
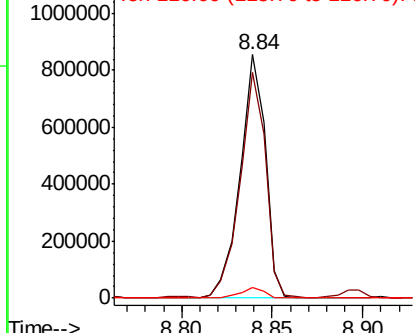


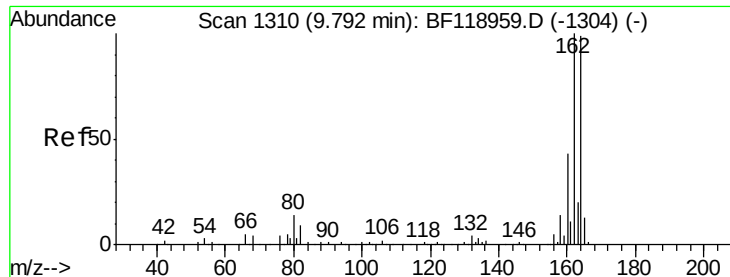
Abundance

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

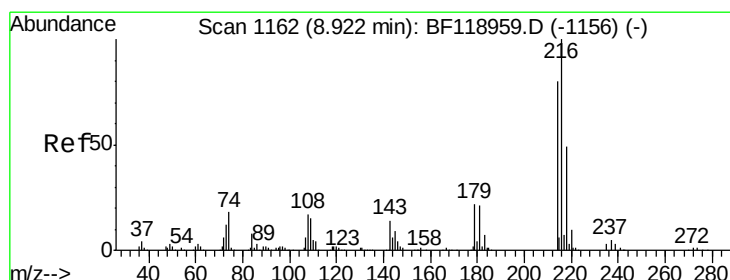
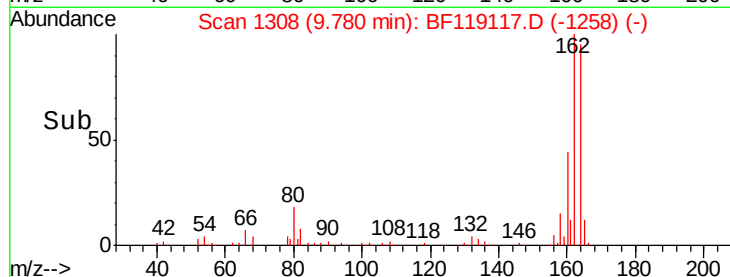
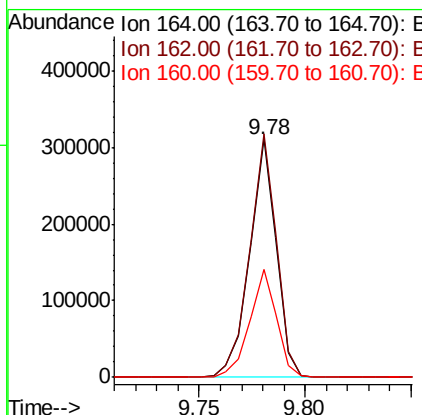
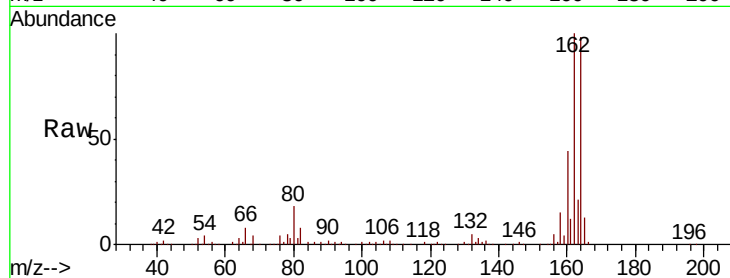




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

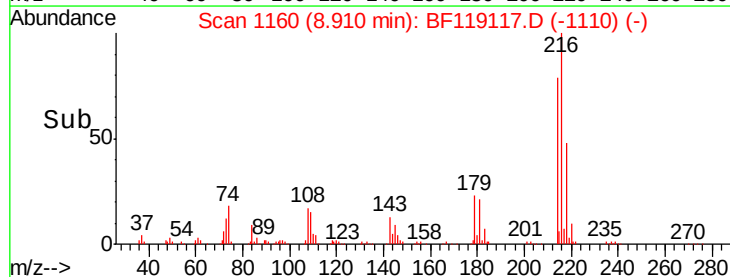
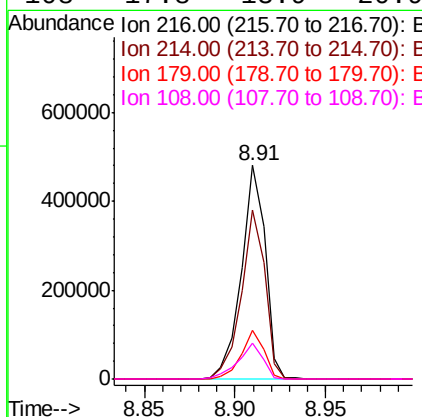
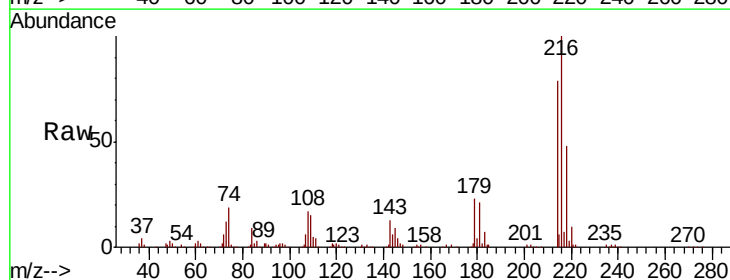
Instrument :
 BNA_F
 ClientSampleId :

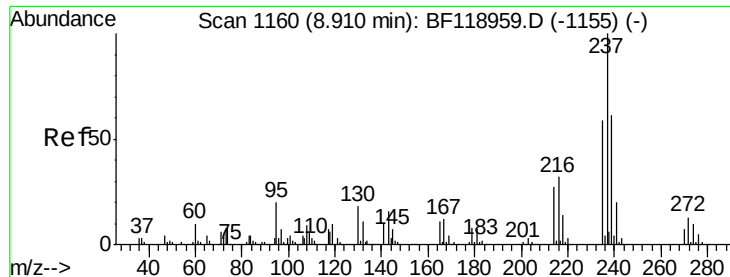
Tot Ion:164 Resp: 273703
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.8
 160 45.3 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.955 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:216 Resp: 442532
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.3 94.9
 179 21.6 17.7 26.5
 108 17.8 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 71.951 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

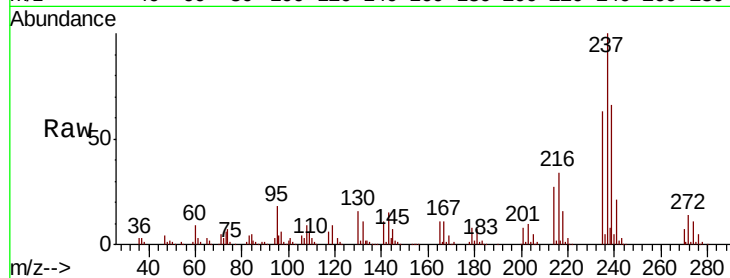
Tot Ion:237 Resp: 238088

Ion Ratio Lower Upper

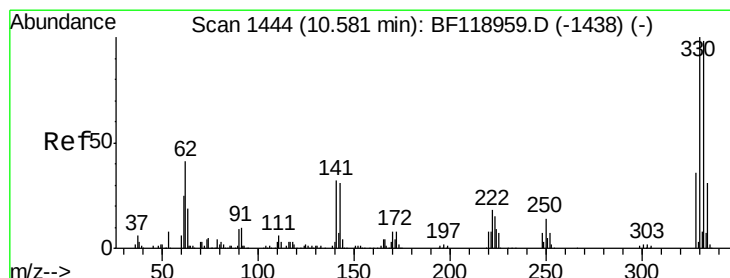
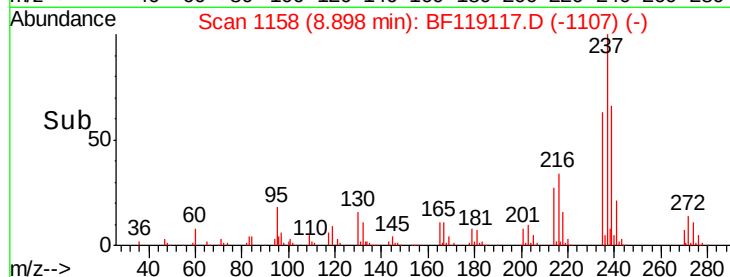
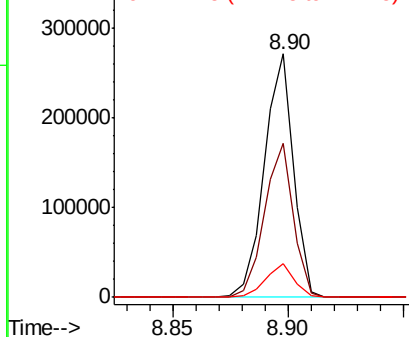
237 100

235 63.0 42.3 82.3

272 13.7 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: 74.136 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

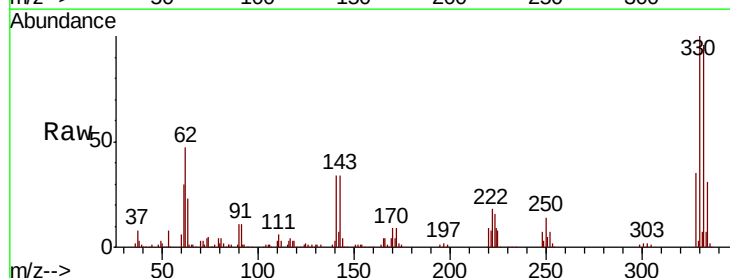
Tgt Ion:330 Resp: 265443

Ion Ratio Lower Upper

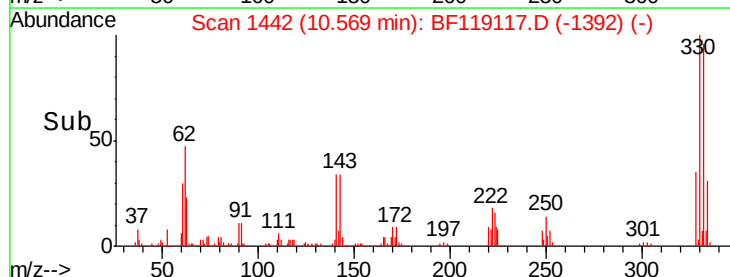
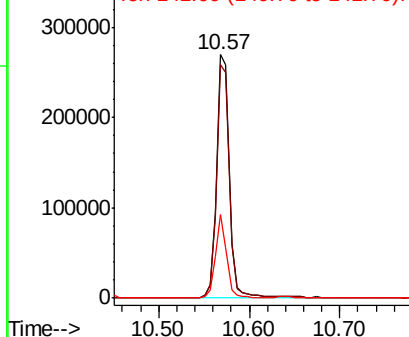
330 100

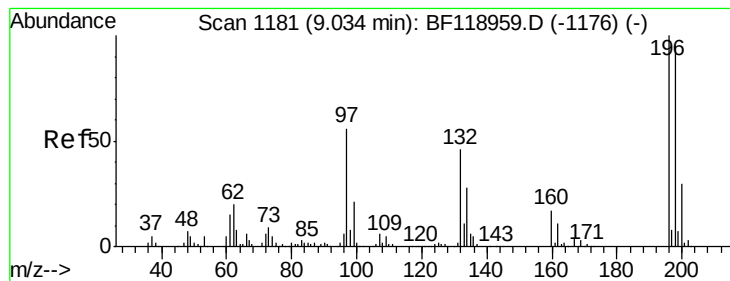
332 95.7 76.0 114.0

141 29.7 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

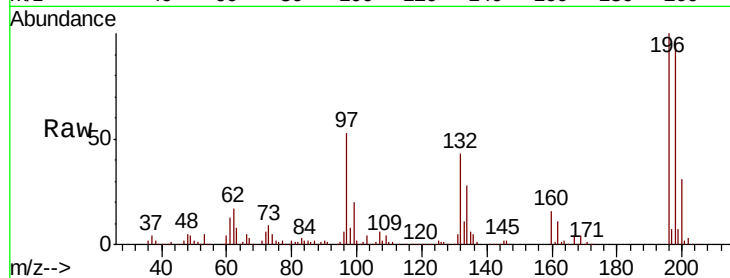




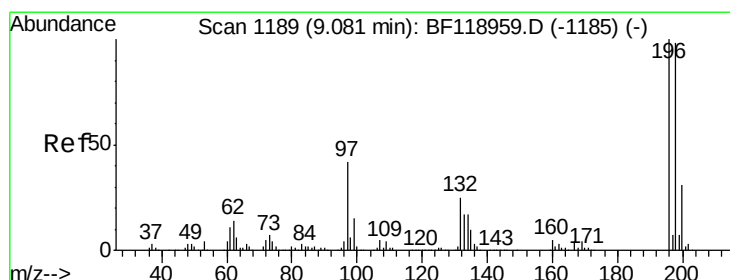
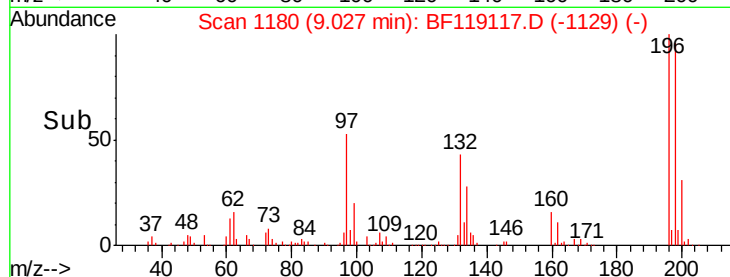
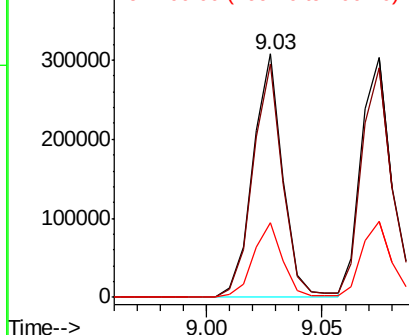
#43
 2,4,6-Trichlorophenol
 Concen: 47.682 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 277864
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.1 115.7
 200 30.9 25.0 37.6



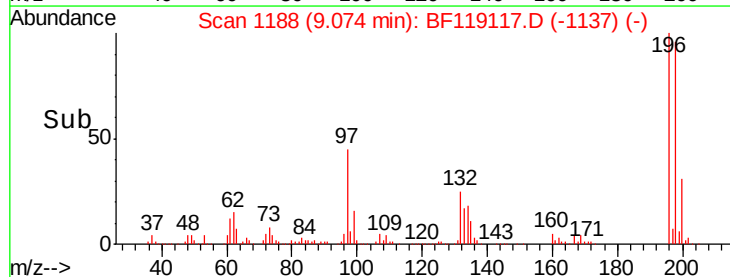
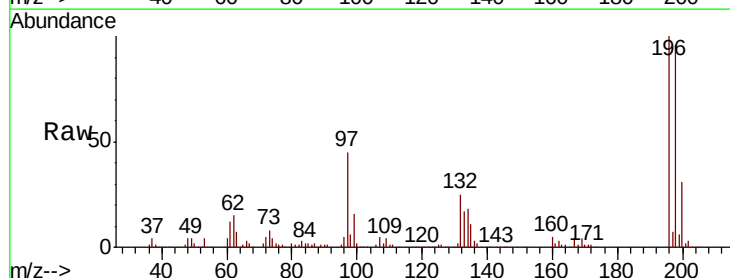
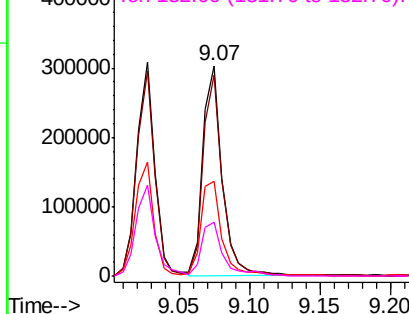
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

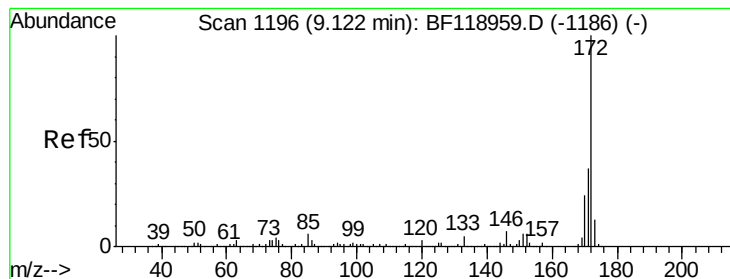


#44
 2,4,5-Trichlorophenol
 Concen: 47.343 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:196 Resp: 289509
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.8 115.2
 97 45.0 38.5 57.7
 132 25.4 22.2 33.4

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





#45

2-Fluorobiphenyl

Concen: 57.309 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

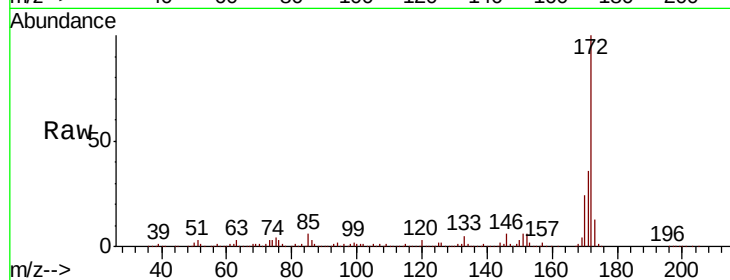
Tot Ion:172 Resp: 1064745

Ion Ratio Lower Upper

172 100

171 35.9 30.6 45.8

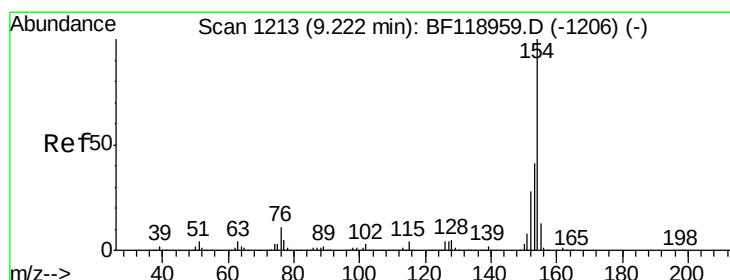
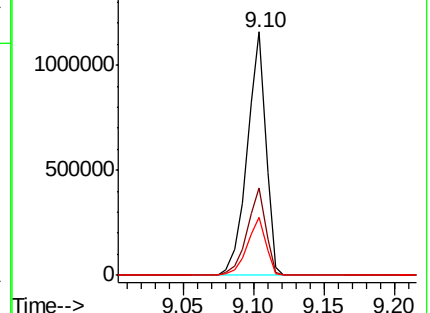
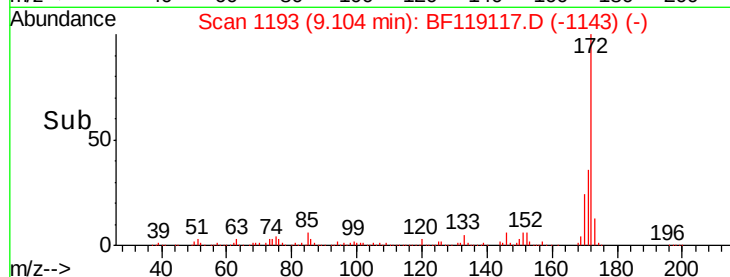
170 23.6 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.905 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

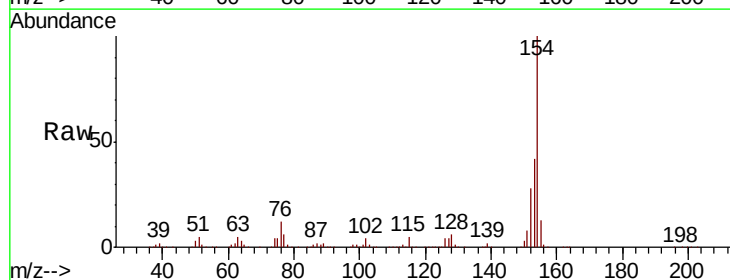
Tgt Ion:154 Resp: 1059704

Ion Ratio Lower Upper

154 100

153 42.1 22.8 62.8

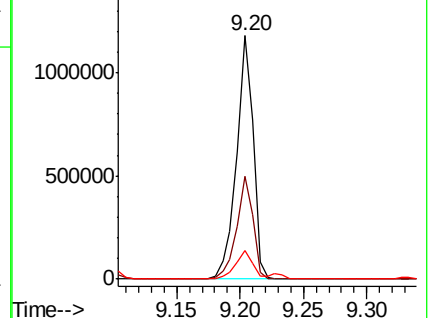
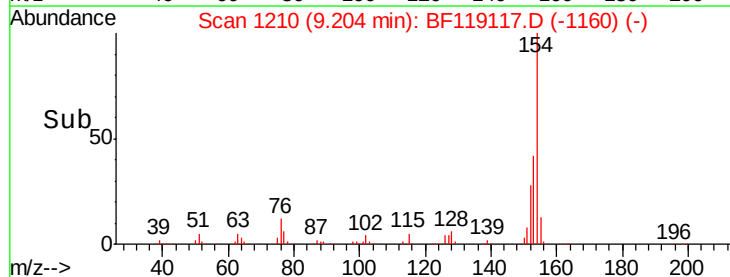
76 12.0 0.0 32.2

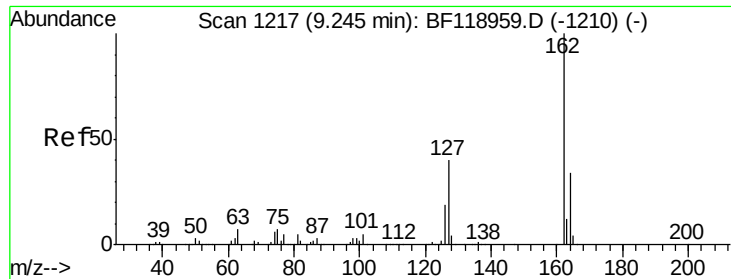


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

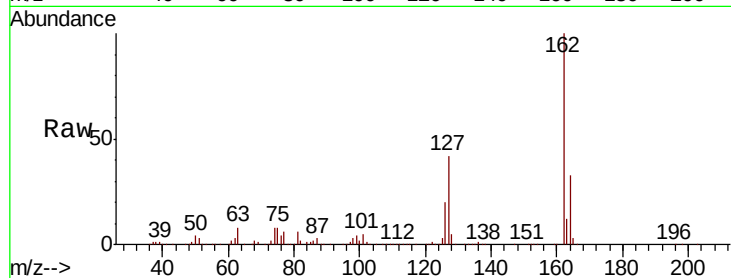




#47
 2-Chloronaphthalene
 Concen: 47.505 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	35.0	52.4
164	32.9	27.2	40.8

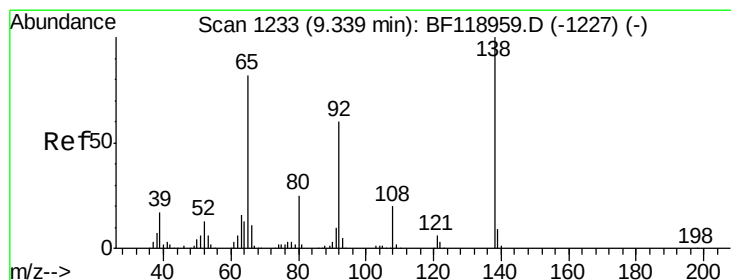
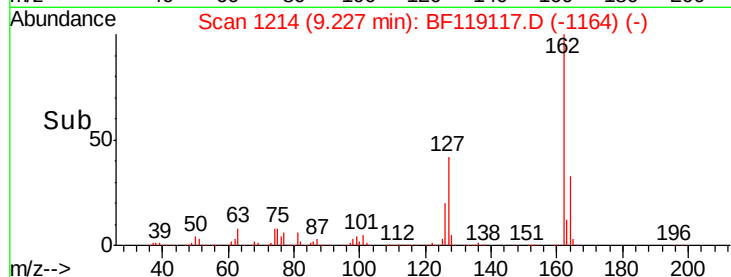
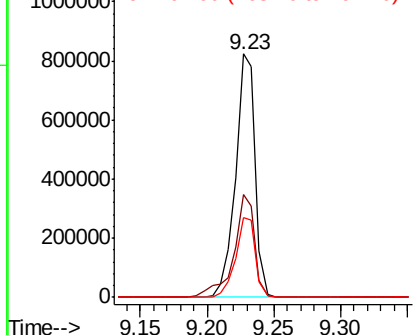


Abundance

Ion 162.00 (161.70 to 162.70): E

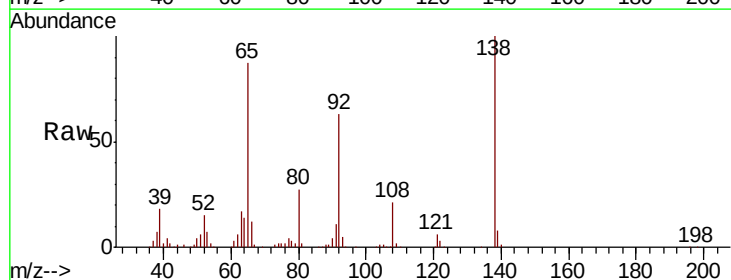
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 47.075 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	115.2	95.6	143.4

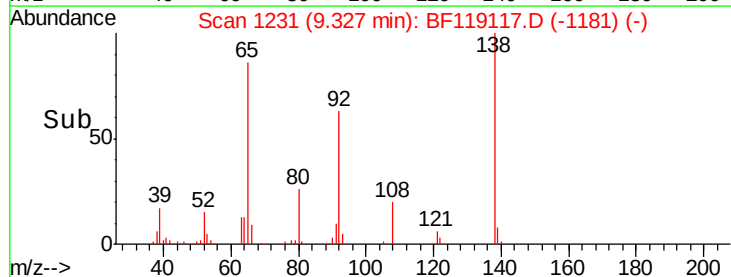
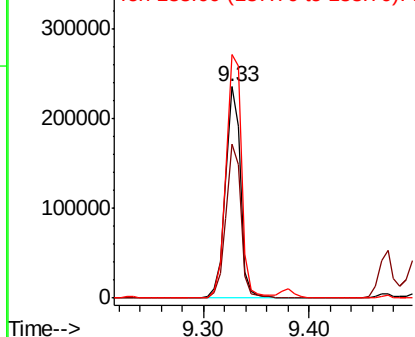


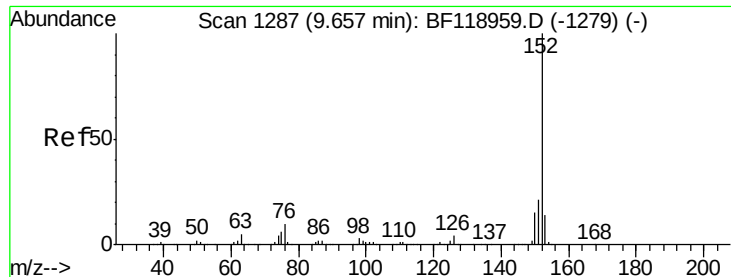
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.683 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

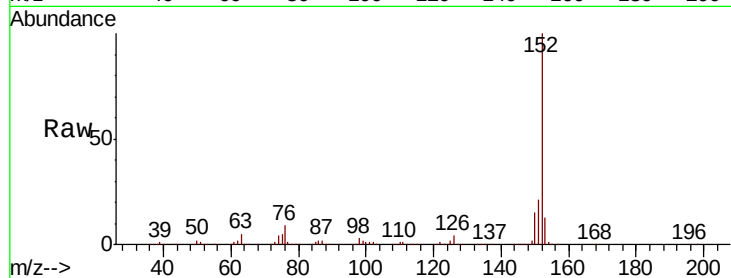
Tot Ion:152 Resp: 1279138

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

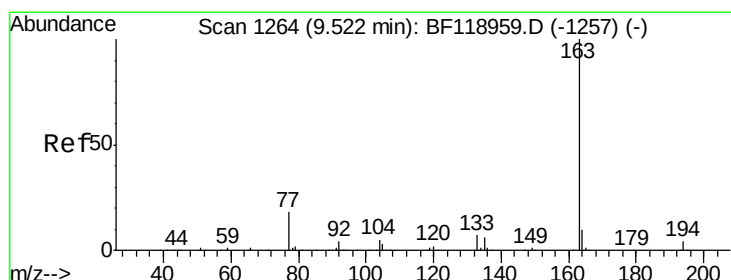
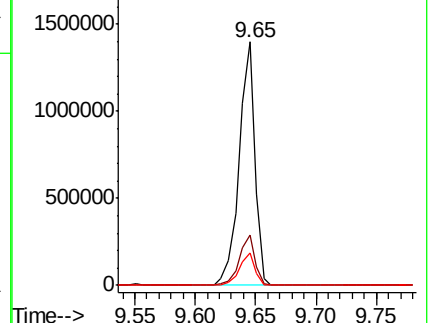
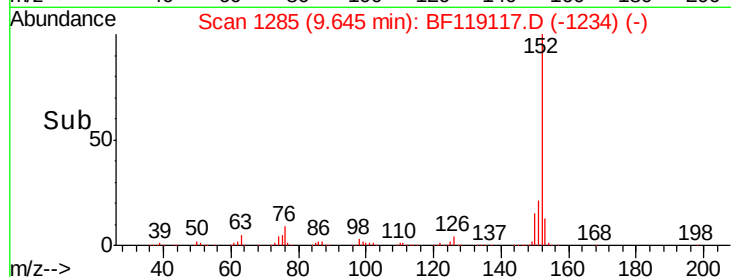
153 13.2 11.0 16.6



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: 50.972 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

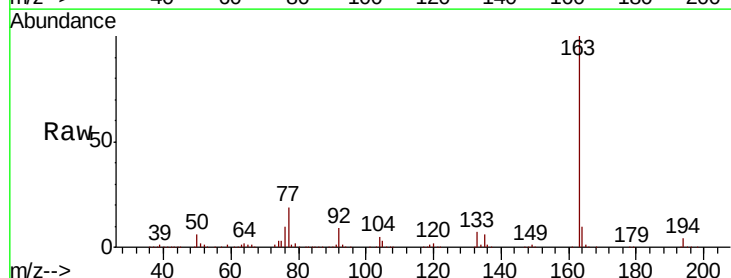
Tgt Ion:163 Resp: 1066827

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

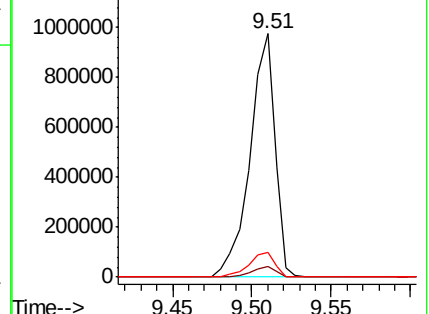
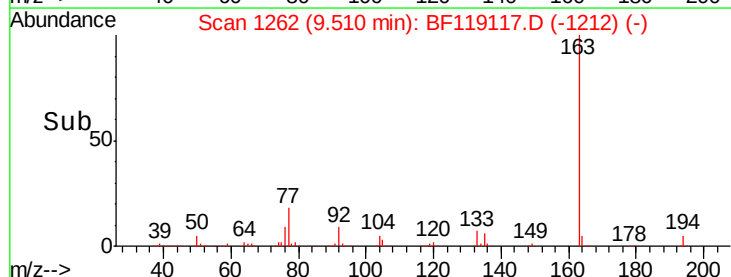
164 10.1 8.4 12.6

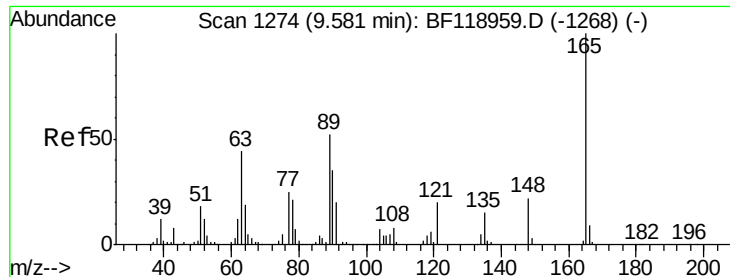


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

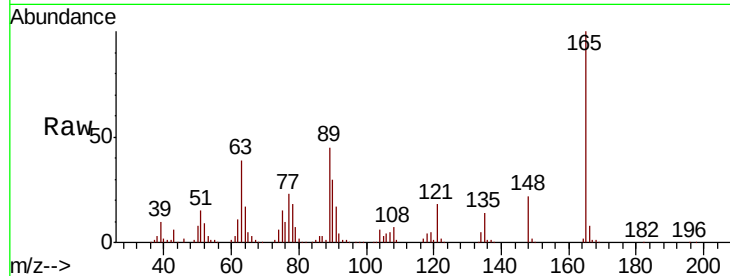




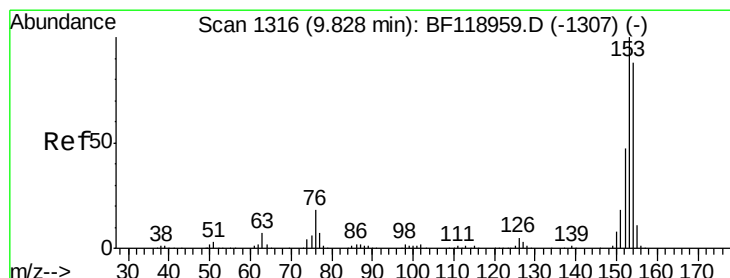
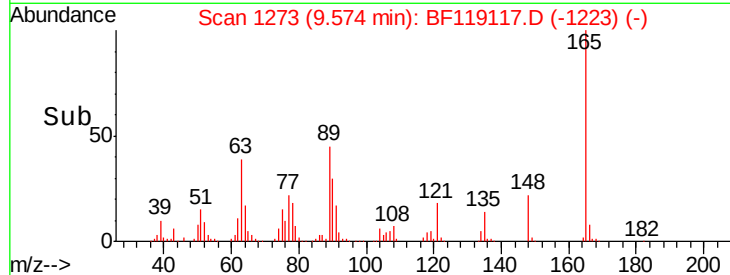
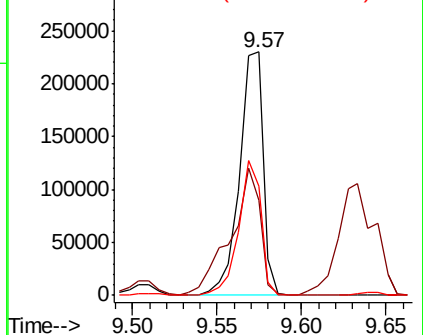
#51
 2,6-Dinitrotoluene
 Concen: 48.641 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	34.3	51.5
89	44.9	38.3	57.5

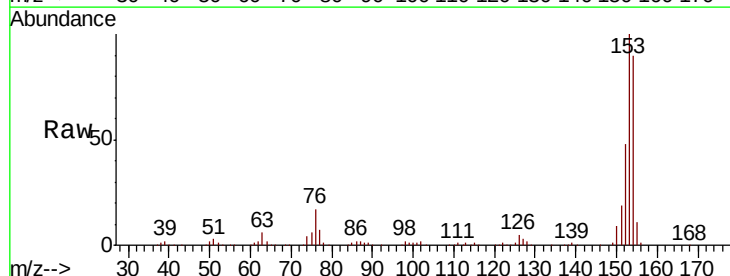


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

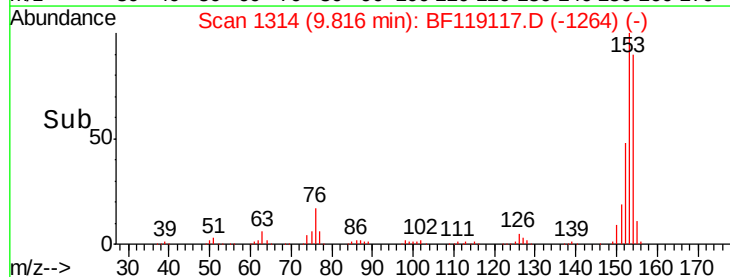
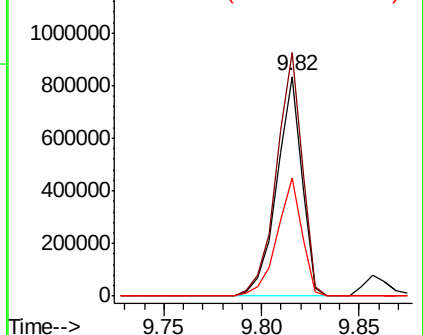


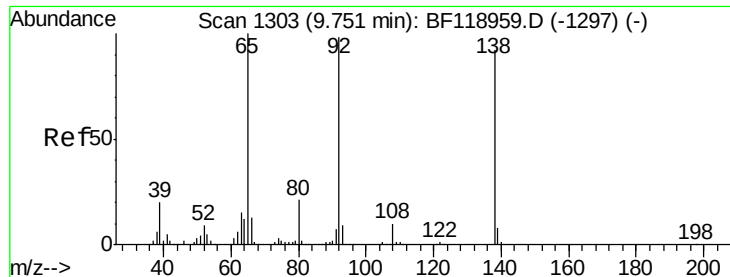
#52
 Acenaphthene
 Concen: 48.044 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.3	135.5
152	53.6	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

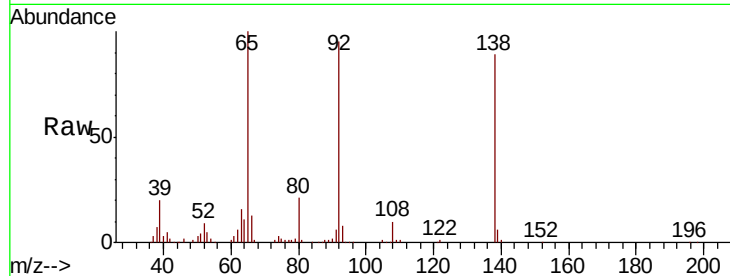




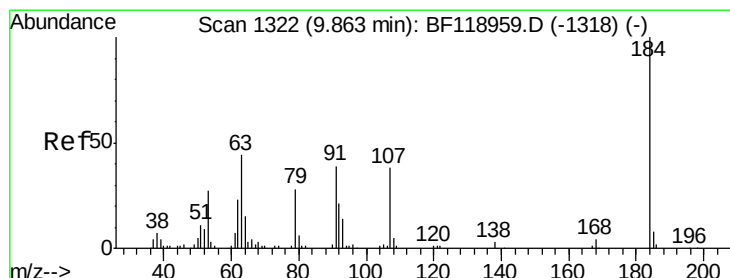
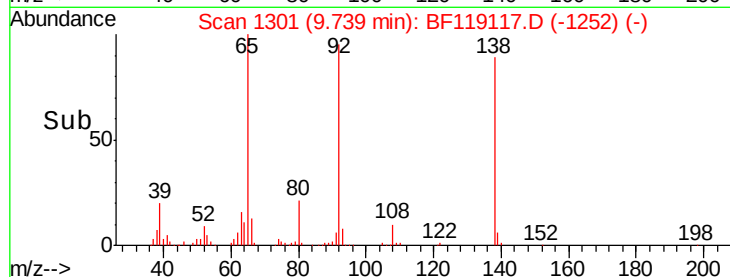
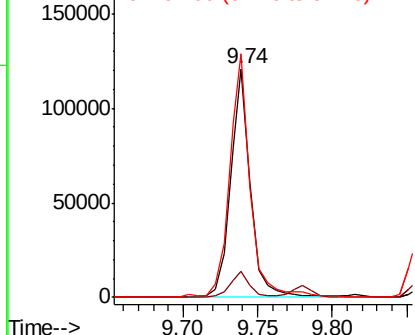
#53
3-Nitroaniline
Concen: 21.993 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 113376
Ion Ratio Lower Upper
138 100
108 11.6 8.8 13.2
92 106.7 84.8 127.2

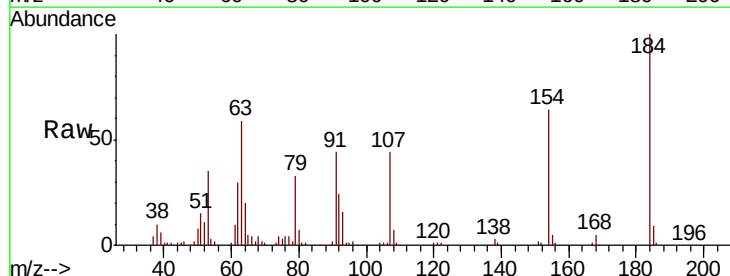


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

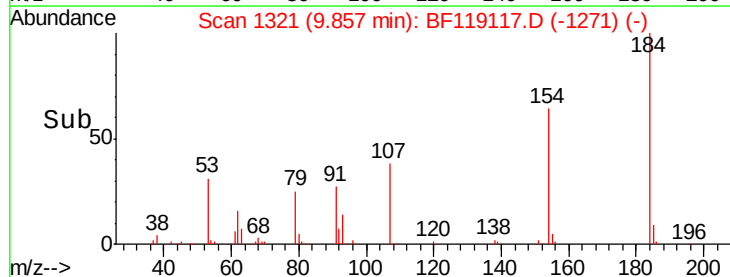
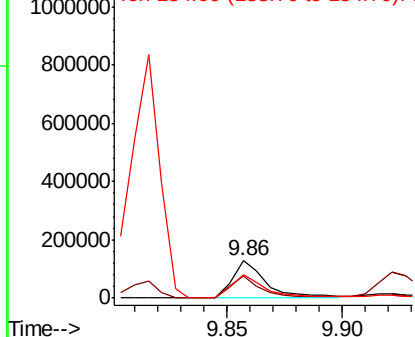


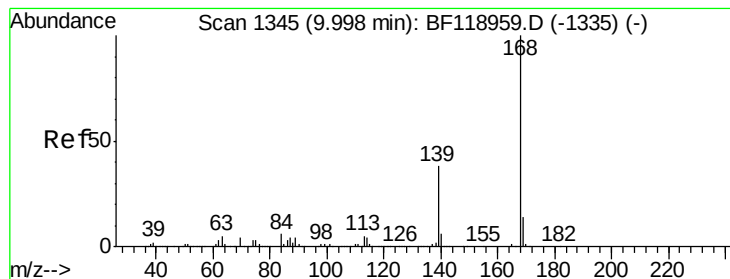
#54
2,4-Dinitrophenol
Concen: 60.669 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:184 Resp: 132607
Ion Ratio Lower Upper
184 100
63 58.7 38.7 58.1#
154 63.5 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: 48.721 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

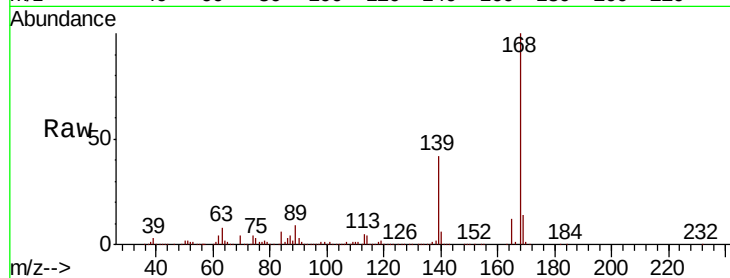
Tot Ion:168 Resp: 1128950

Ion Ratio Lower Upper

168 100

139 41.8 34.0 51.0

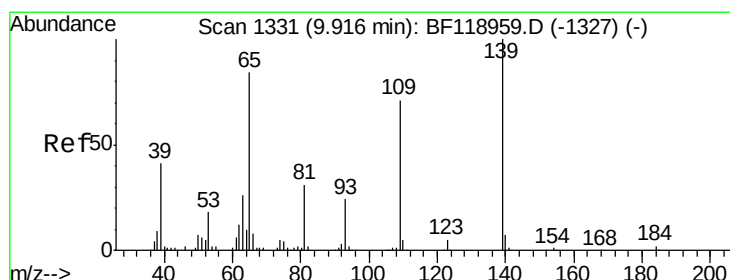
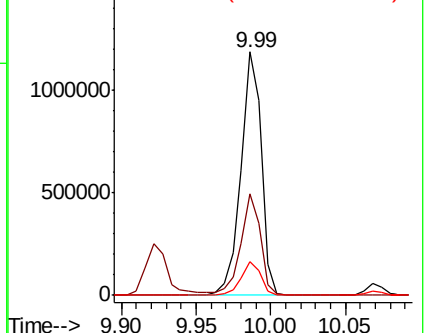
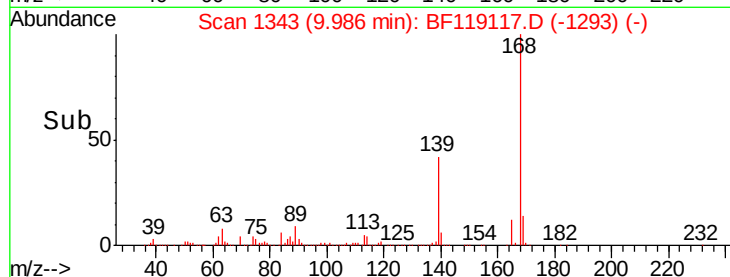
169 13.8 11.0 16.4



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: 84.290 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

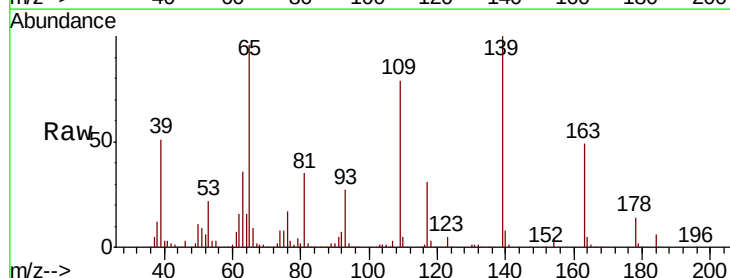
Tgt Ion:139 Resp: 261067

Ion Ratio Lower Upper

139 100

109 78.7 56.7 96.7

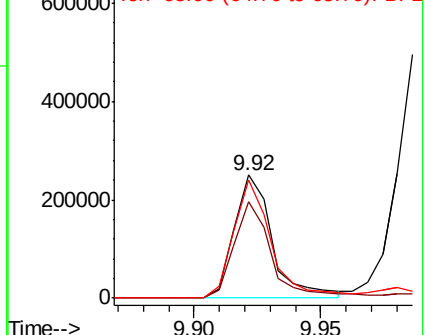
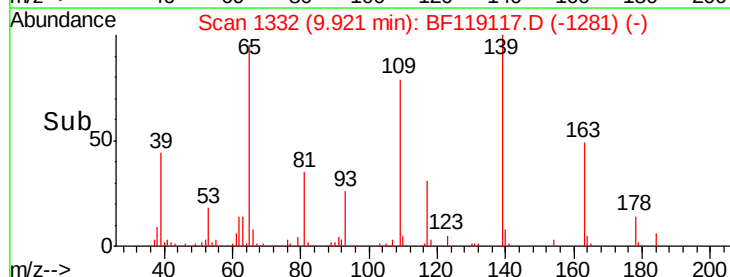
65 96.4 65.0 105.0

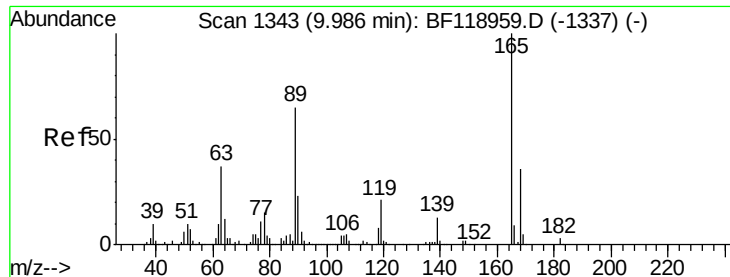


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

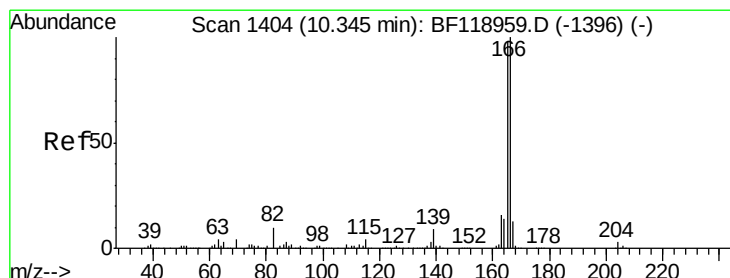
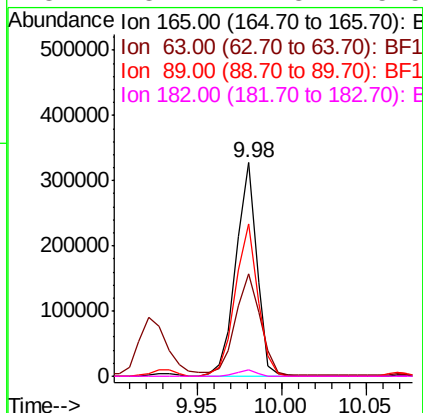
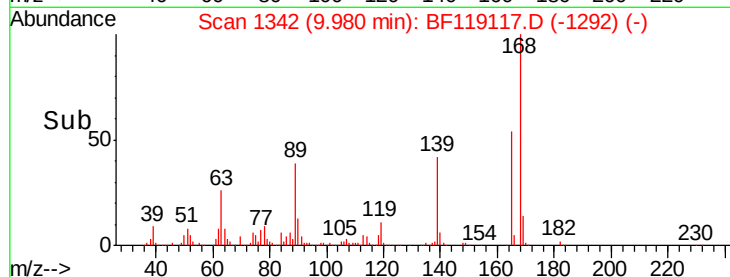
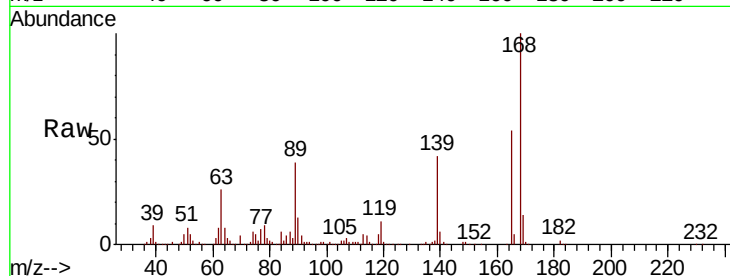




#57
 2,4-Dinitrotoluene
 Concen: 46.904 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

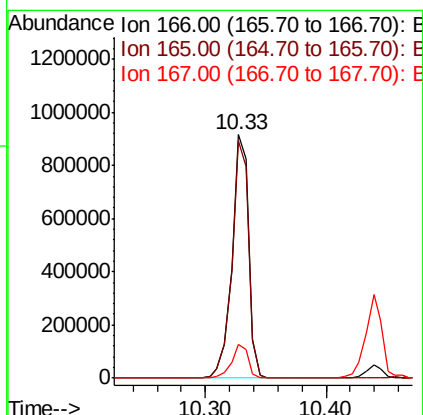
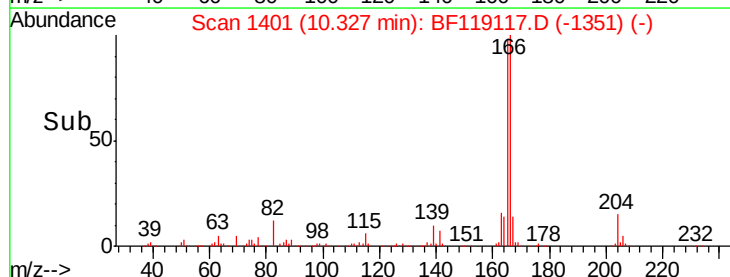
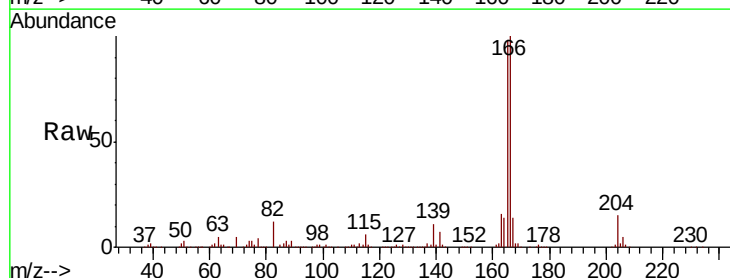
Instrument :
 BNA_F
 ClientSampled :

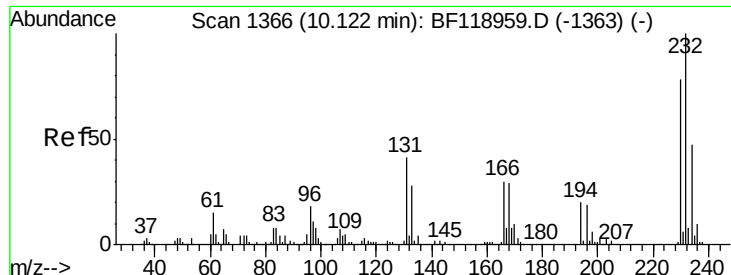
Tot Ion:165	Resp:	282696
Ion Ratio	Lower	Upper
165	100	
63	48.1	42.3 63.5
89	71.3	60.2 90.4
182	3.1	2.3 3.5



#58
 Fluorene
 Concen: 48.577 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:166	Resp:	874658
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.5 117.7
167	13.7	11.0 16.4

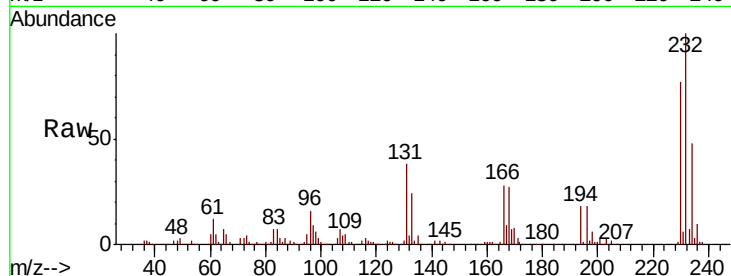




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.106 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.8	50.8
130	2.0	1.8	2.6
166	27.0	23.0	34.4



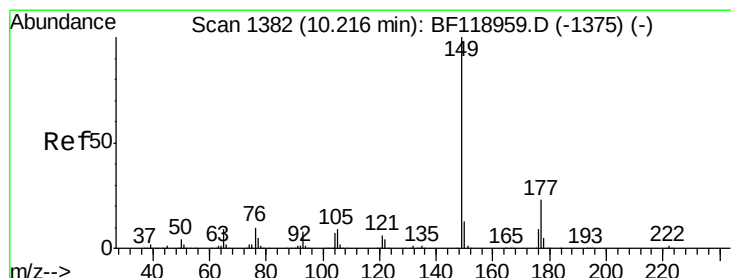
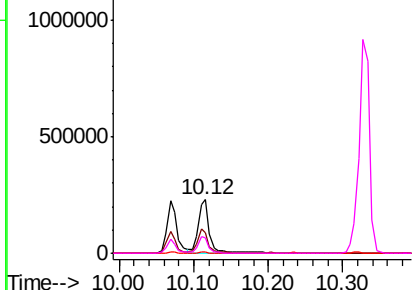
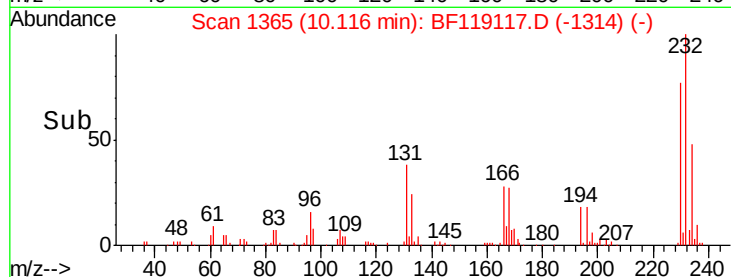
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

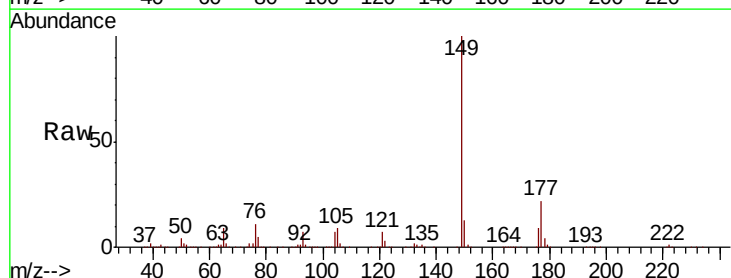
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.671 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.8	10.5	15.7

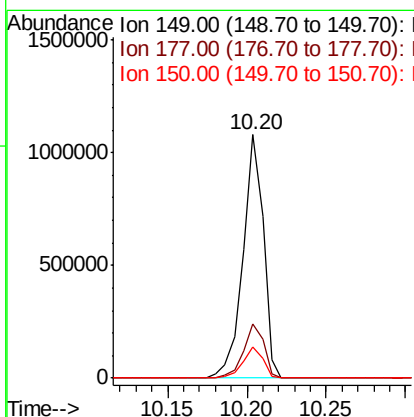
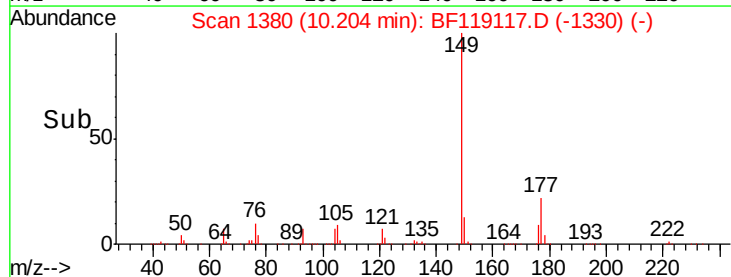


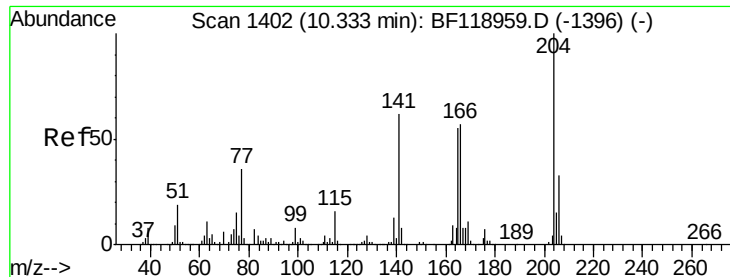
Abundance

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: 48.403 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

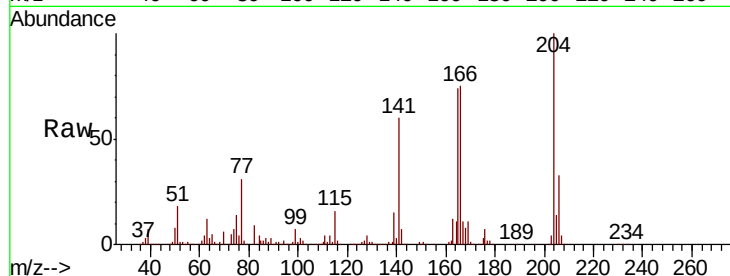
Tot Ion:204 Resp: 461320

Ion Ratio Lower Upper

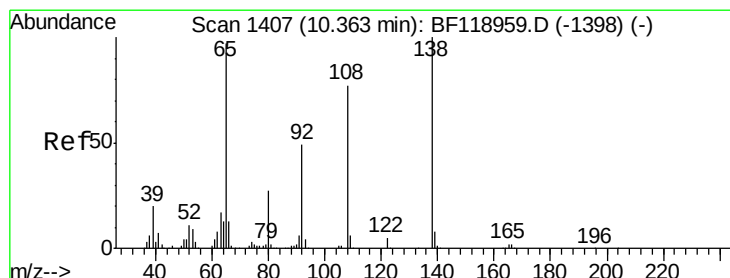
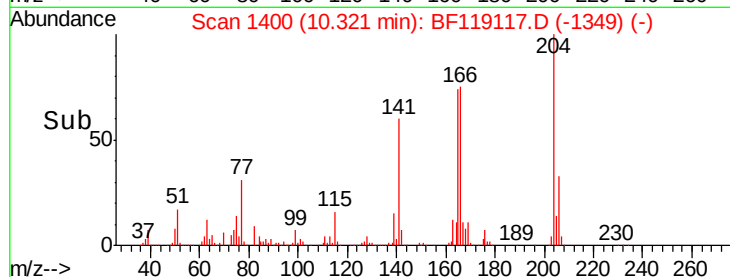
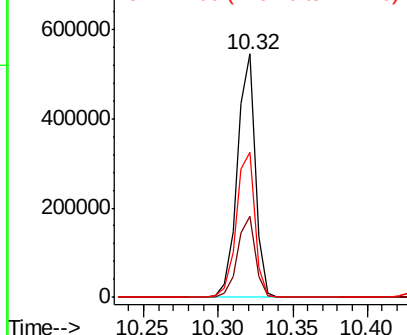
204 100

206 33.2 27.1 40.7

141 59.8 52.9 79.3



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



#62

4-Nitroaniline

Concen: 36.679 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

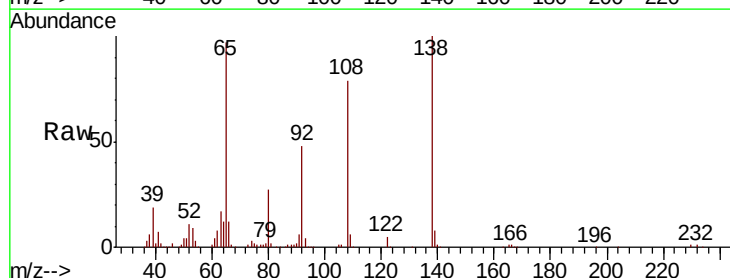
Tgt Ion:138 Resp: 193452

Ion Ratio Lower Upper

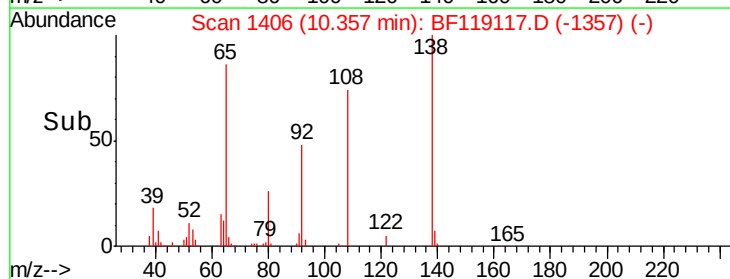
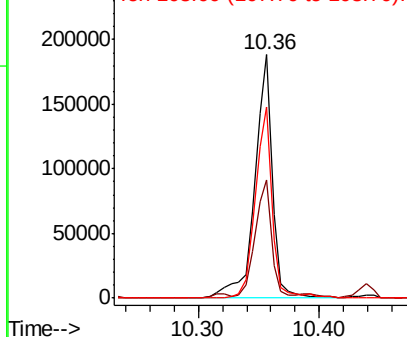
138 100

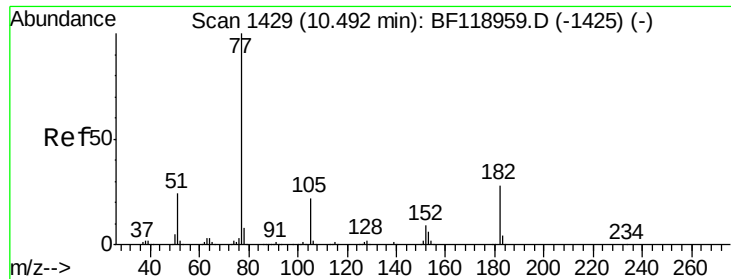
92 48.3 27.3 67.3

108 78.7 57.0 97.0



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

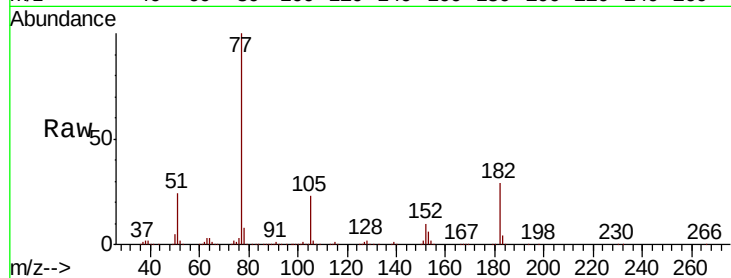




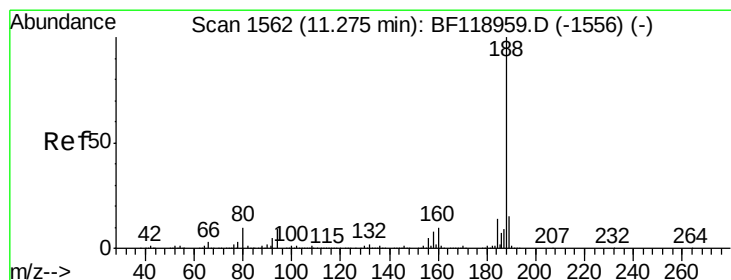
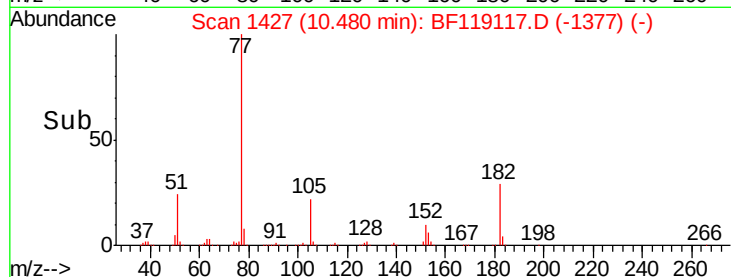
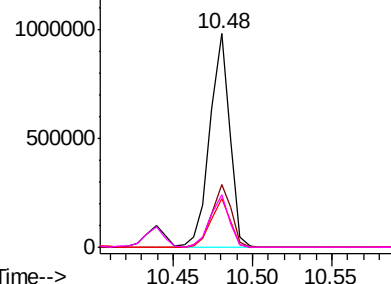
#63
Azobenzene
Concen: 49.435 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	847512
Ion	Ratio	Lower	Upper
77	100		
182	29.1	11.4	51.4
105	22.9	3.4	43.4
51	24.3	5.1	45.1

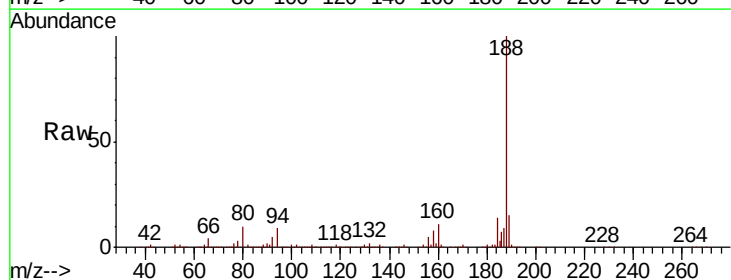


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

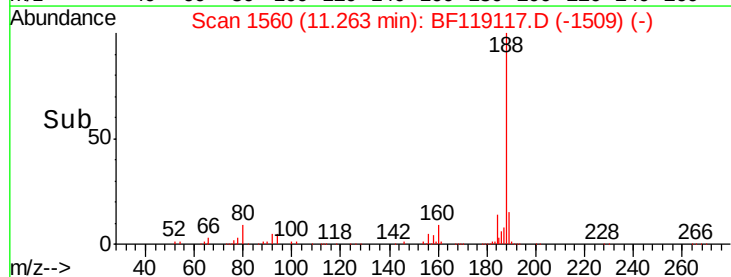
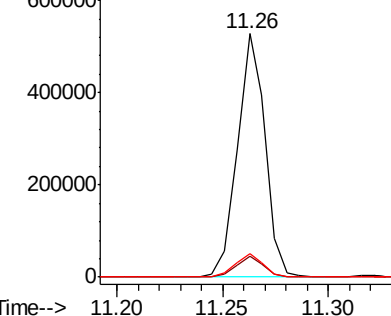


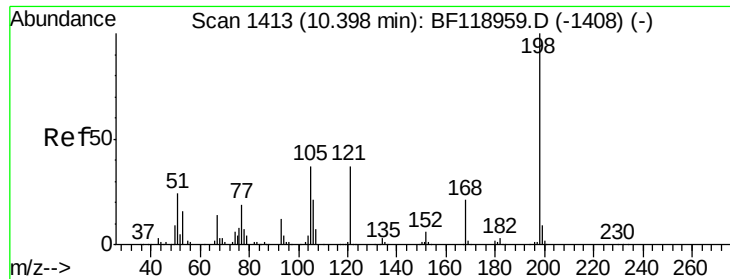
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:	188	Resp:	480554
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.9	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

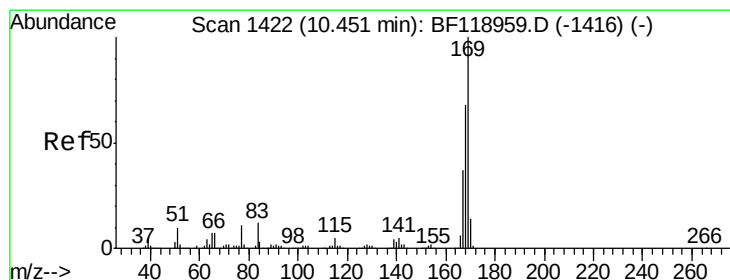
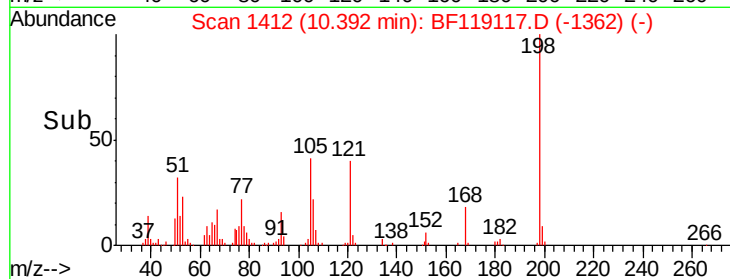
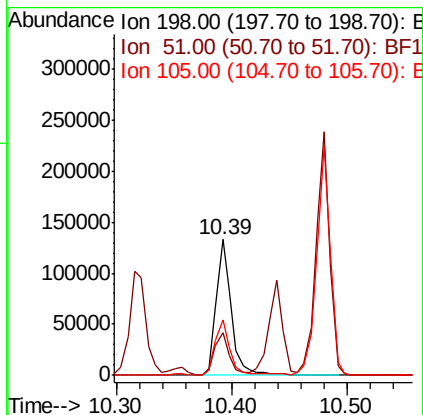
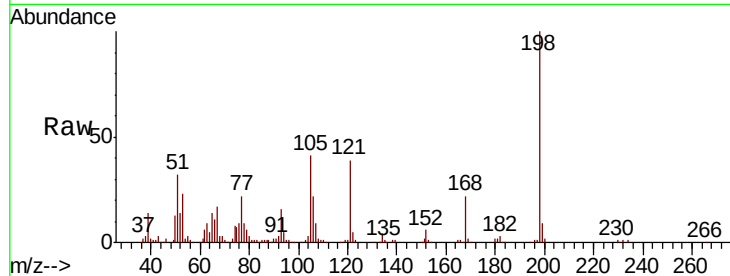




#65
4,6-Dinitro-2-methylphenol
Concen: 42.018 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

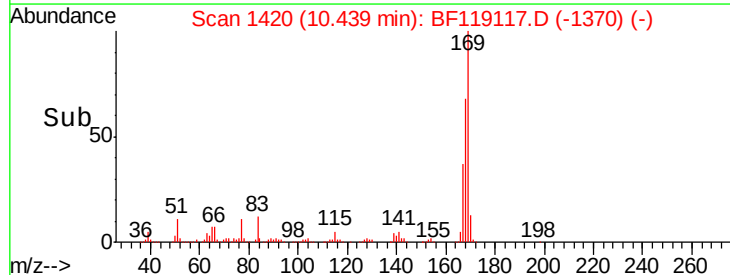
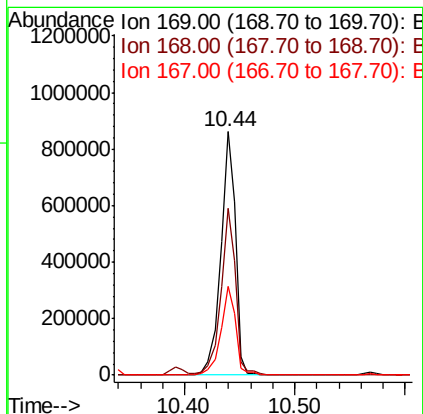
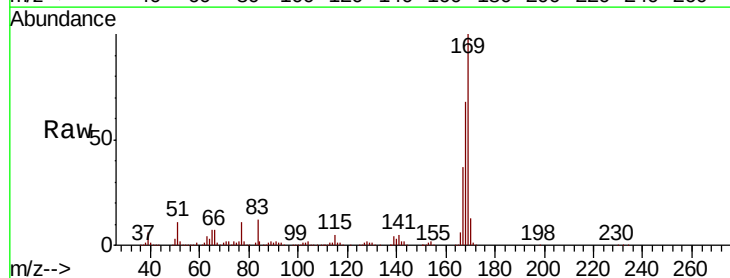
Instrument :
BNA_F
ClientSampleId :

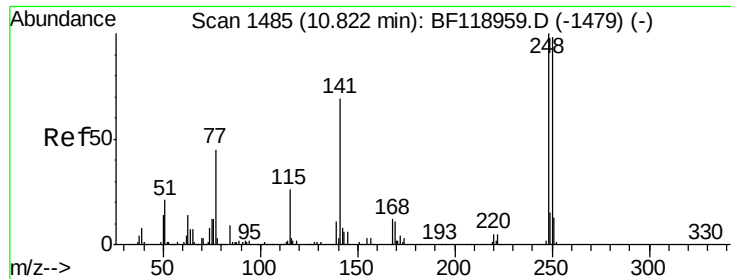
Tot Ion	198	Resp	122183
Ion Ratio	100	Lower	Upper
51	31.8	14.2	54.2
105	40.8	22.7	62.7



#66
n-Nitrosodiphenylamine
Concen: 50.484 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion	169	Resp	794366
Ion Ratio	100	Lower	Upper
168	68.4	54.1	81.1
167	36.6	29.4	44.0

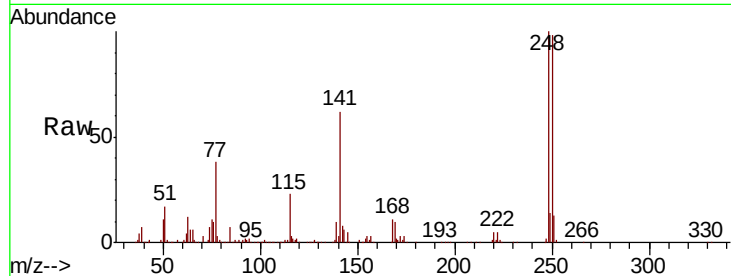




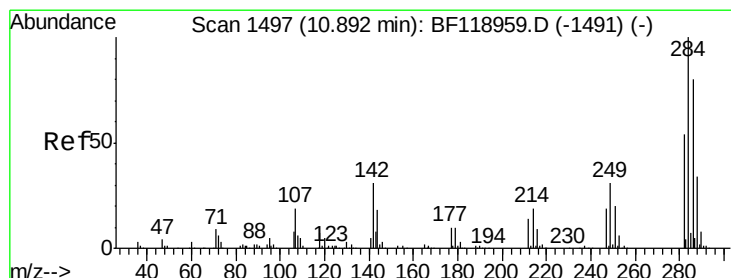
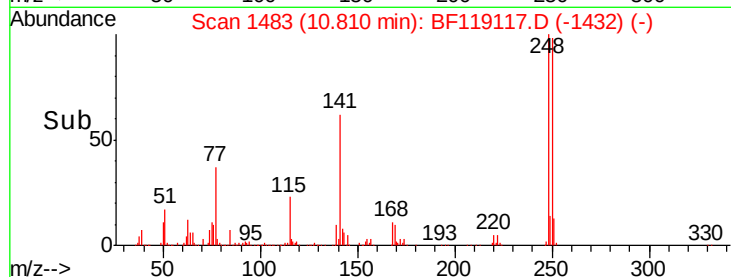
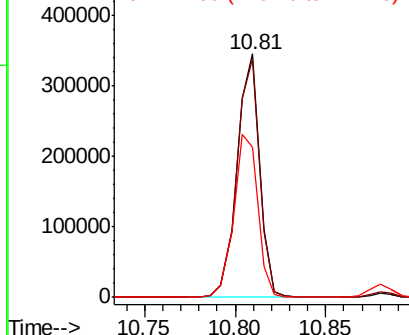
#67
4-Bromophenyl-phenylether
Concen: 48.010 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 301572
Ion Ratio Lower Upper
248 100
250 98.1 76.7 115.1
141 61.8 60.7 91.1

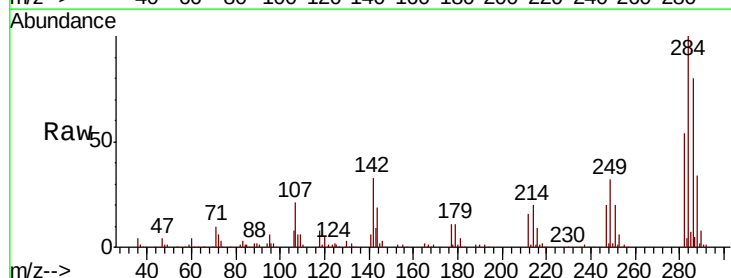


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

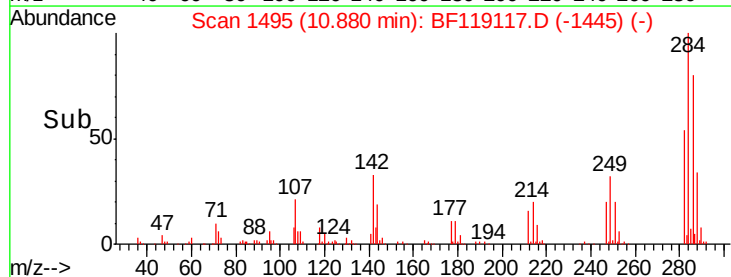
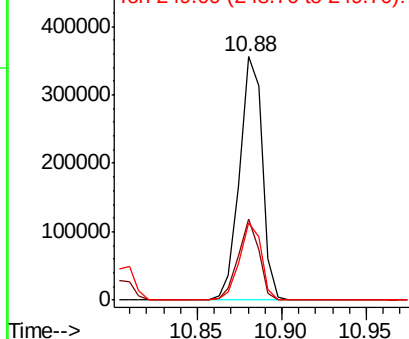


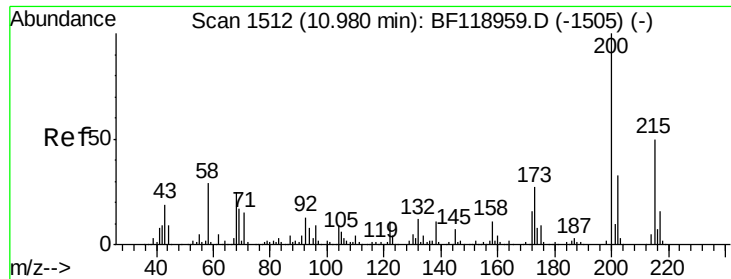
#68
Hexachlorobenzene
Concen: 46.048 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:284 Resp: 333490
Ion Ratio Lower Upper
284 100
142 33.2 23.7 35.5
249 31.6 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

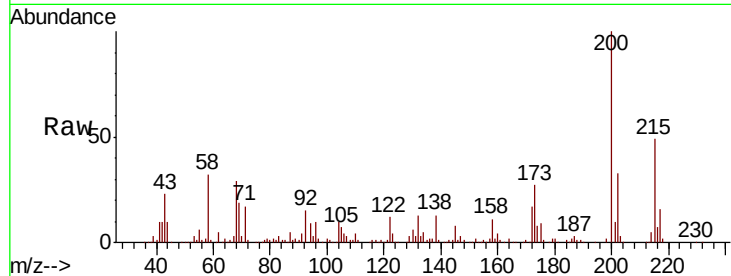




#69
Atrazine
Concen: 50.979 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.4	46.4
215	48.6	27.4	67.4

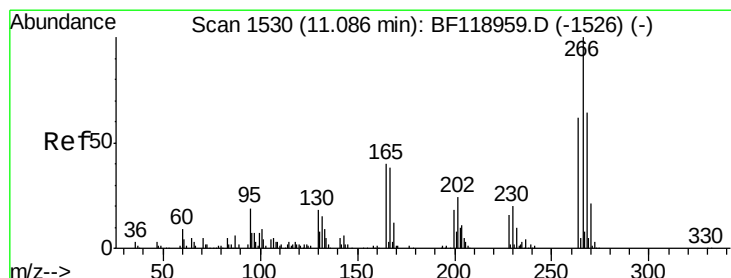
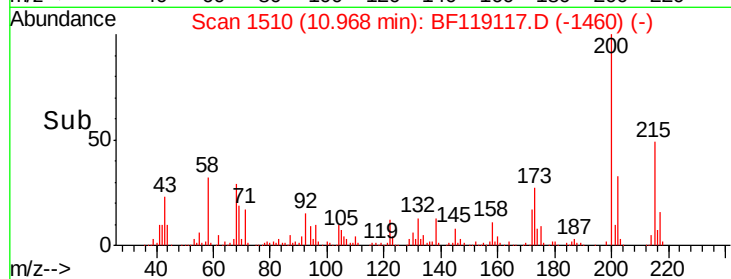
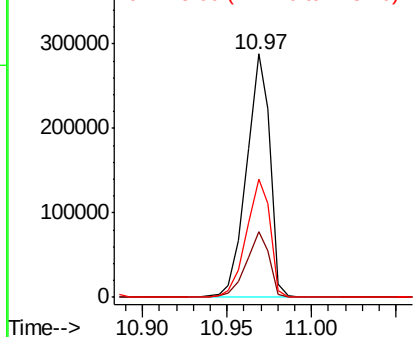


Abundance

Ion 200.00 (199.70 to 200.70): E

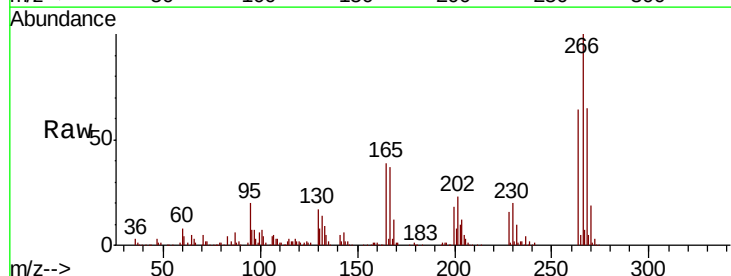
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.951 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.9	77.9
264	63.9	51.0	76.4

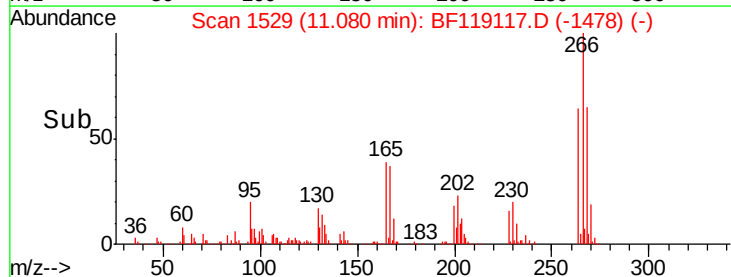
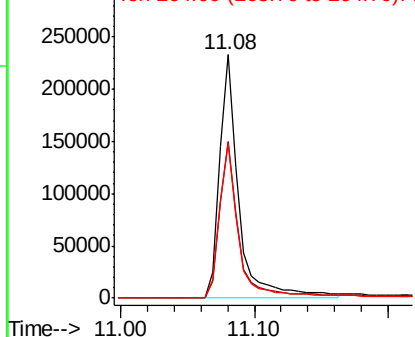


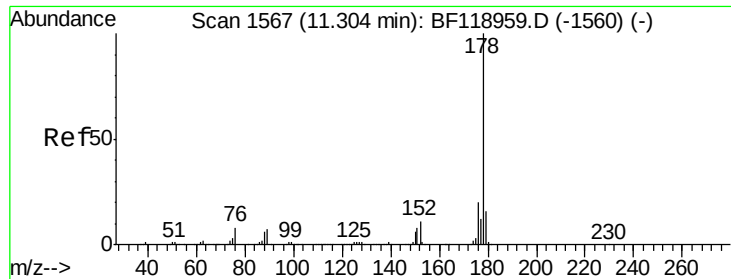
Abundance

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

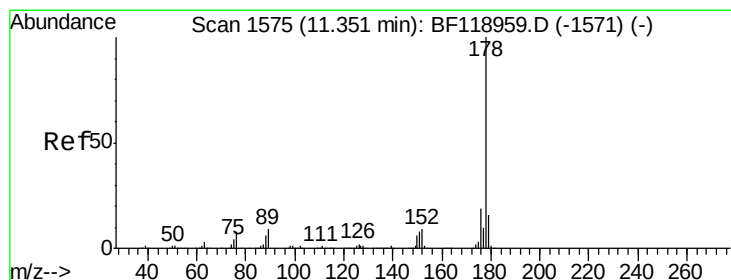
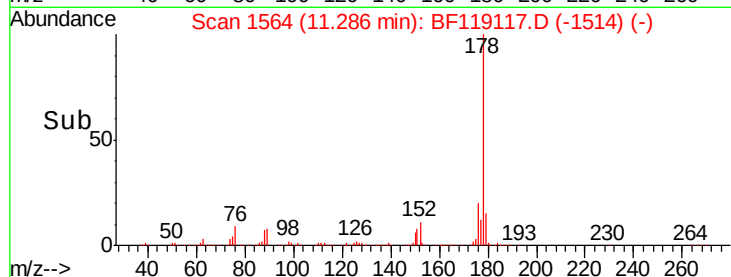
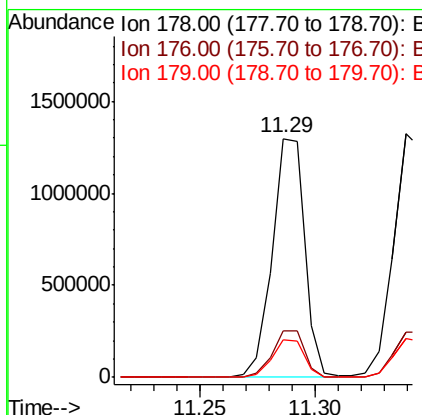
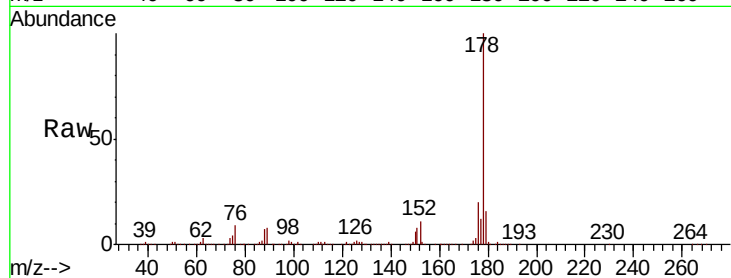




#71
 Phenanthrene
 Concen: 48.194 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

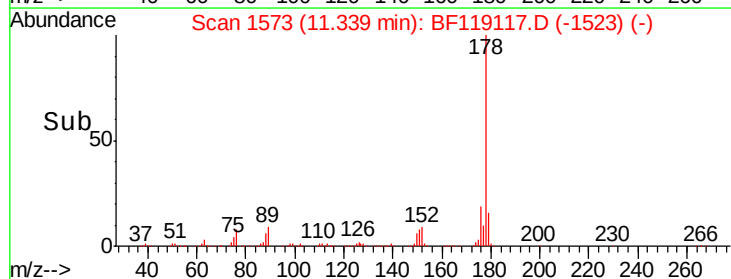
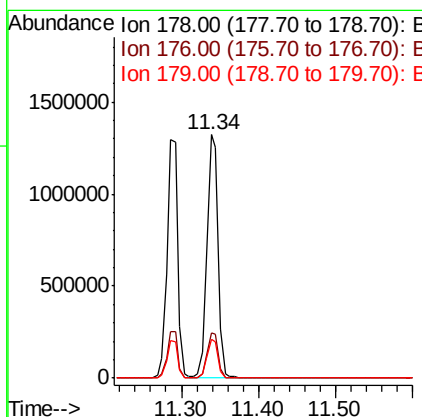
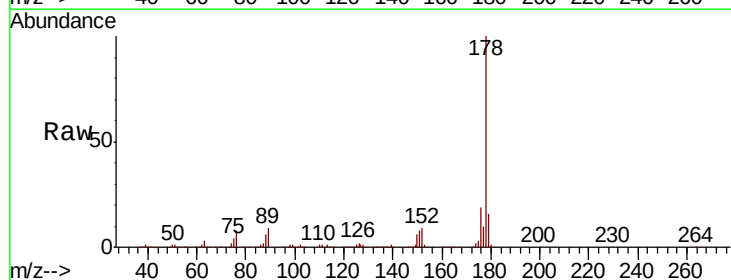
Instrument :
 BNA_F
 ClientSampleId :

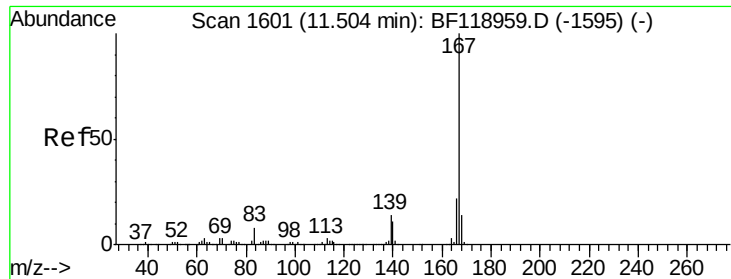
Tot Ion:178 Resp: 1263029
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 15.8 13.0 19.6



#72
 Anthracene
 Concen: 50.175 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:178 Resp: 1313843
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 16.2 13.1 19.7



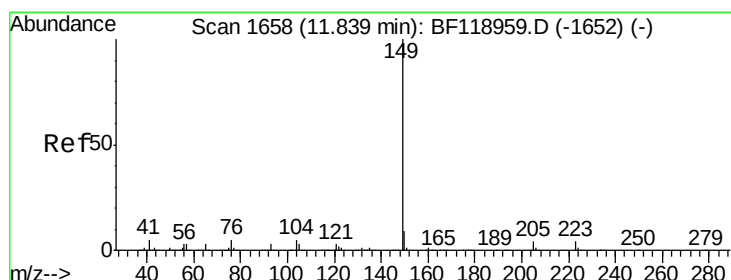
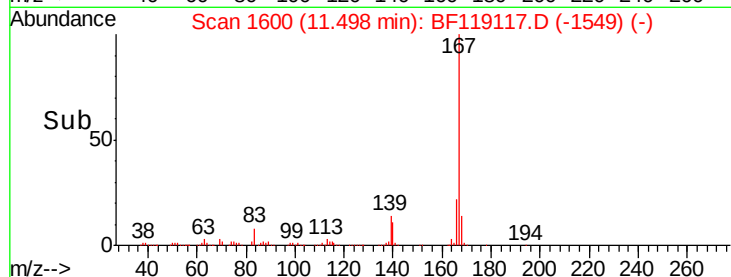
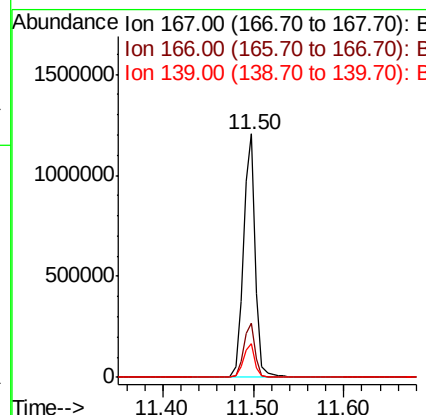
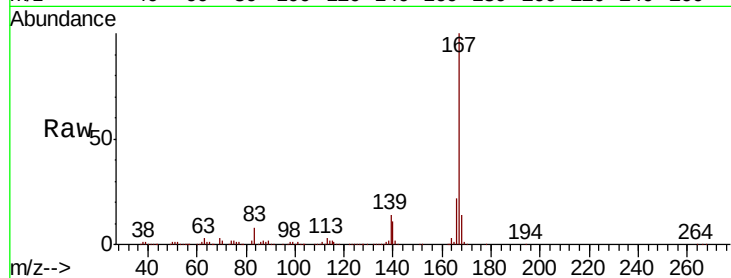


#73
 Carbazole
 Concen: 47.425 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1106317

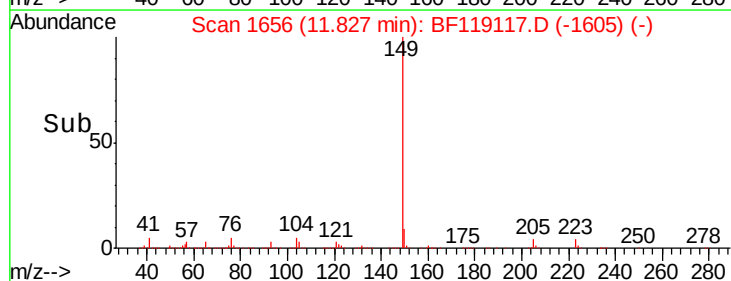
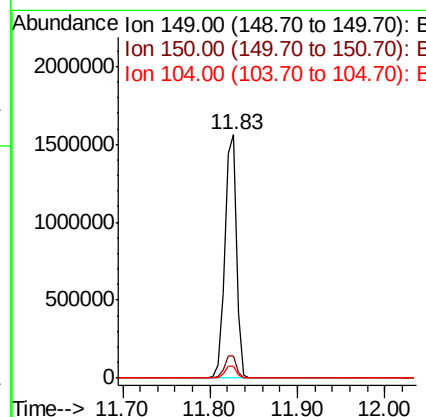
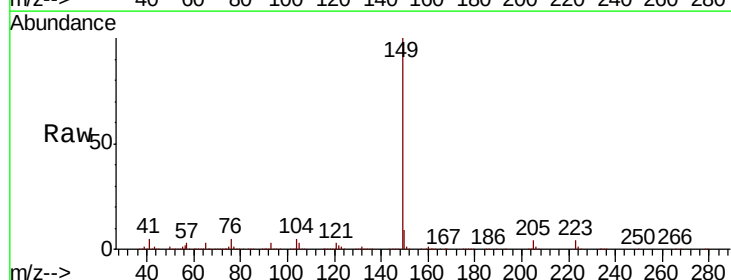
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.7	11.7	17.5

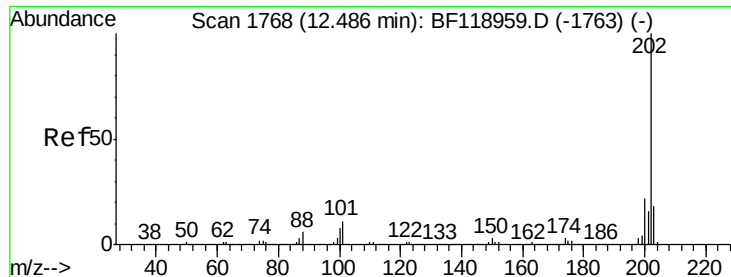


#74
 Di-n-butylphthalate
 Concen: 51.069 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:149 Resp: 1442709

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.9	4.6	6.8





#75

Fluoranthene

Concen: 46.287 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

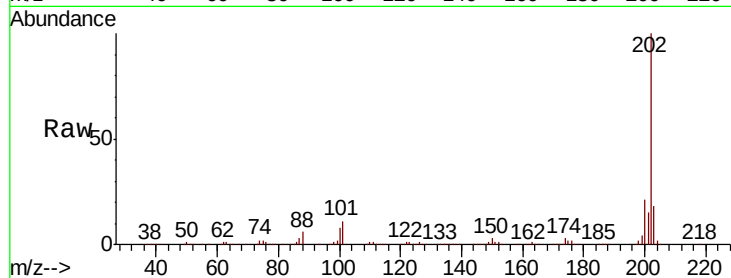
Tot Ion:202 Resp: 1287627

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

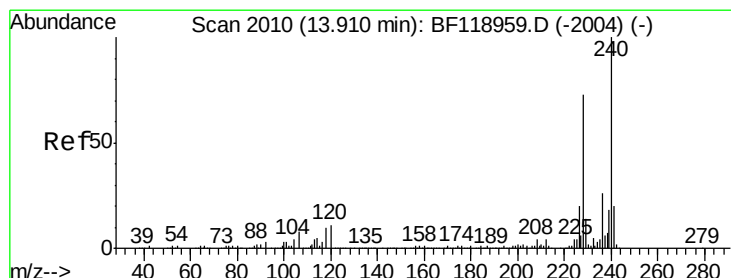
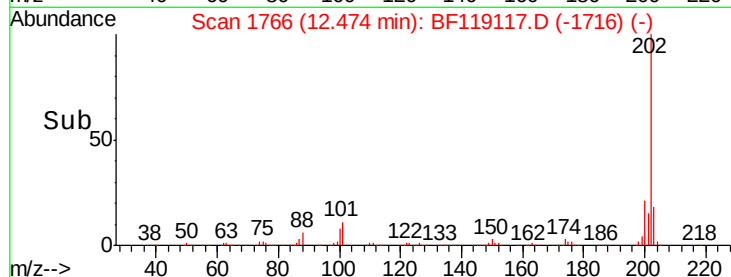
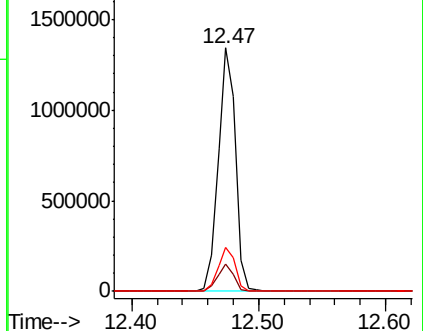
203 18.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

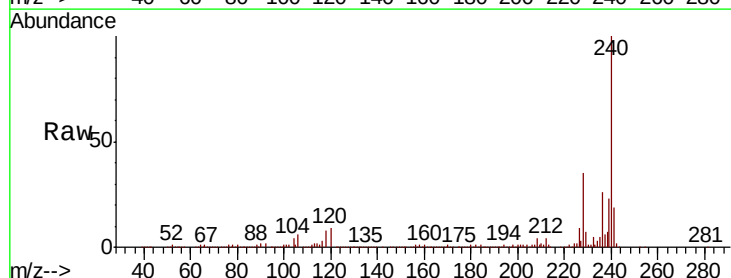
Tgt Ion:240 Resp: 320393

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

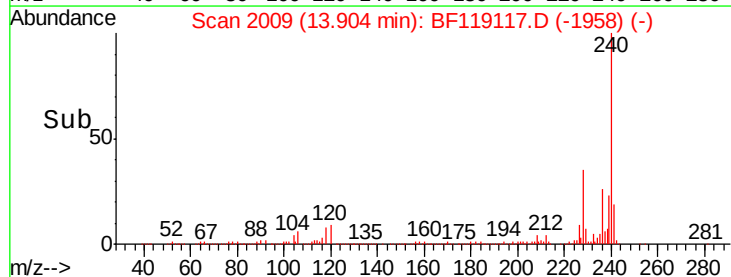
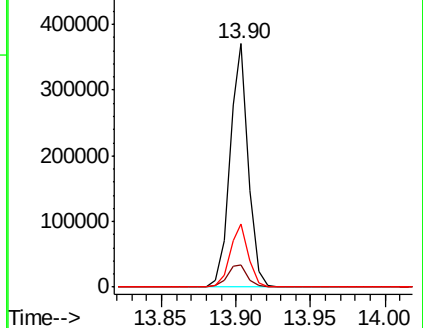
236 26.2 21.0 31.4

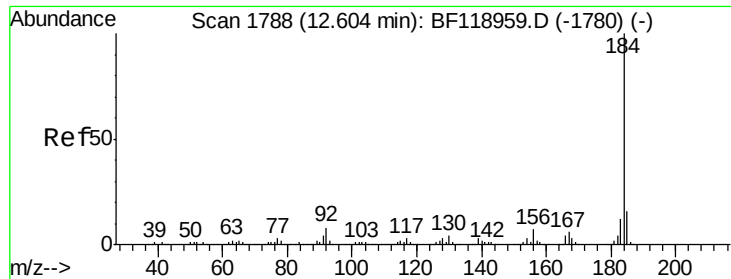


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.498 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

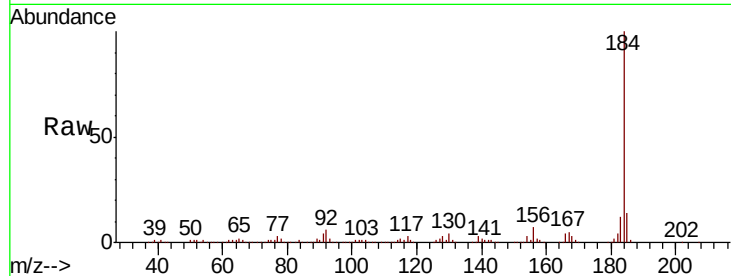
Tot Ion:184 Resp: 618904

Ion Ratio Lower Upper

184 100

185 13.7 12.2 18.4

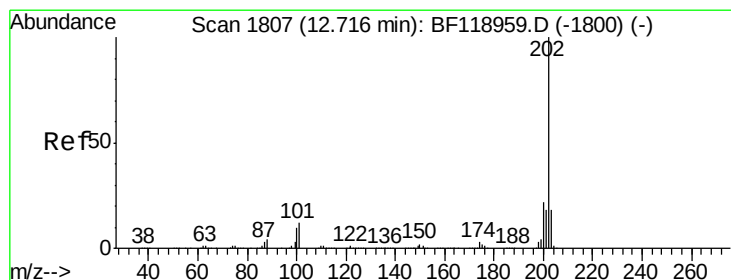
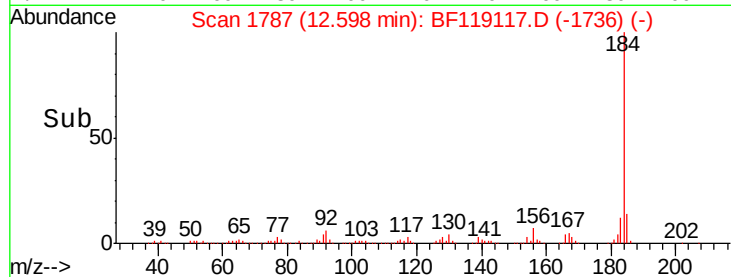
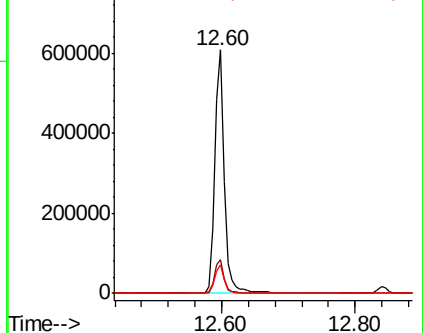
183 11.7 9.9 14.9



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: 49.014 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

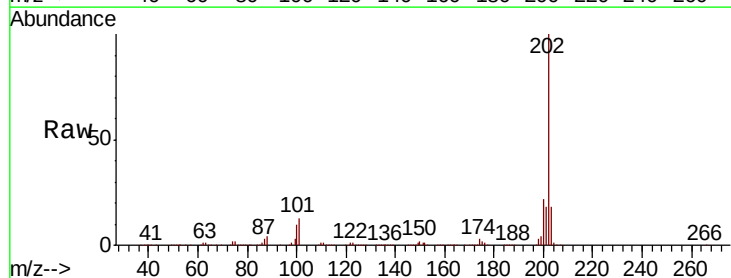
Tgt Ion:202 Resp: 1260992

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

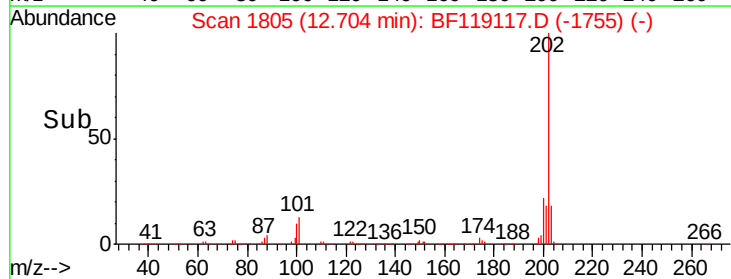
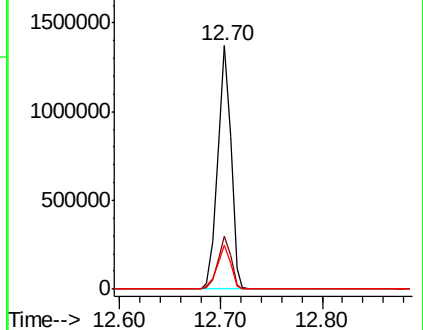
203 18.0 14.6 22.0

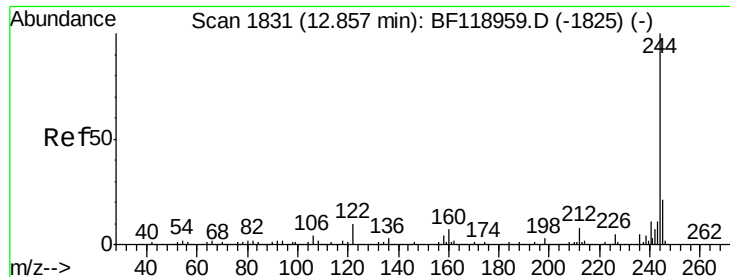


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.058 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

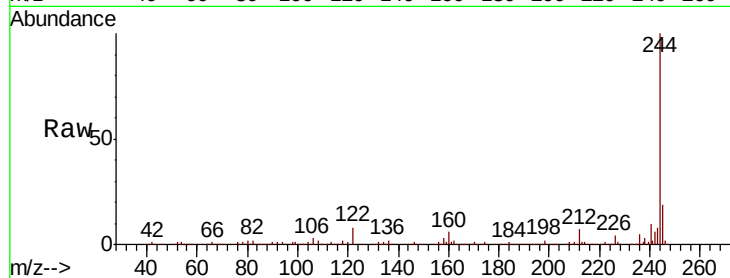
Tot Ion:244 Resp: 1117647

Ion Ratio Lower Upper

244 100

212 6.6 6.6 10.0#

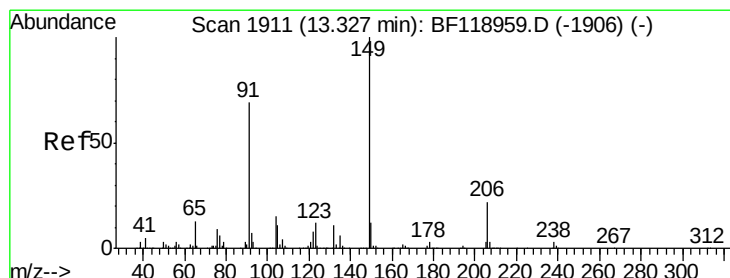
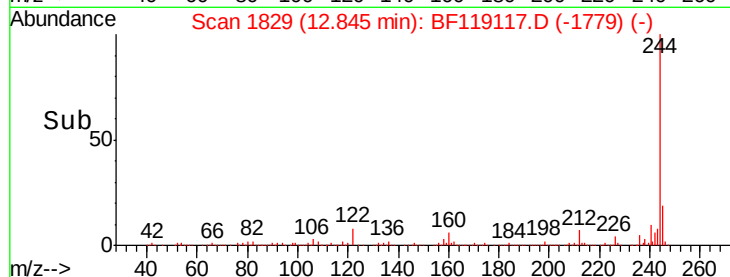
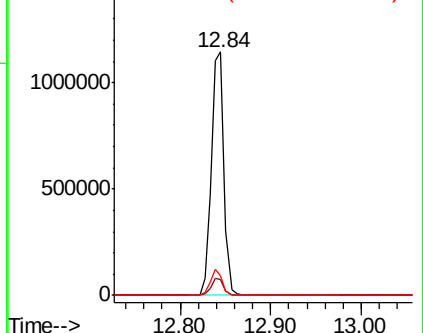
122 8.3 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.184 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

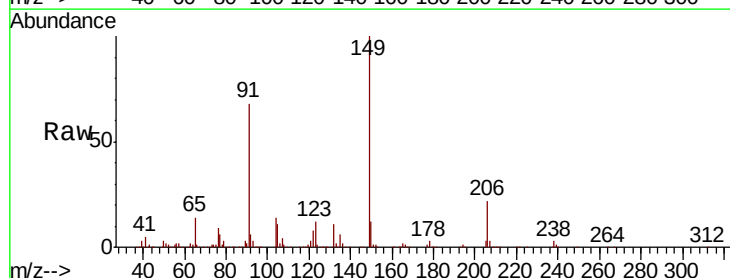
Tgt Ion:149 Resp: 554216

Ion Ratio Lower Upper

149 100

91 68.3 52.3 78.5

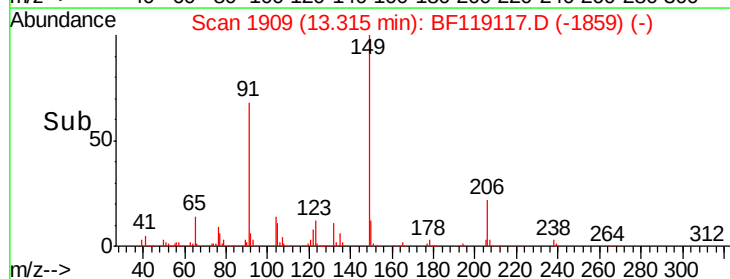
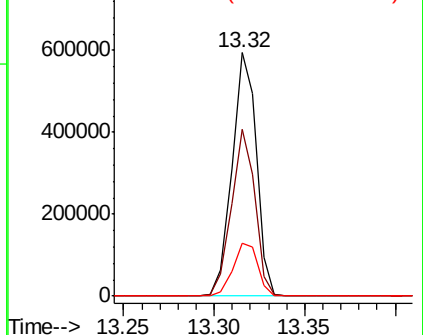
206 21.9 18.5 27.7

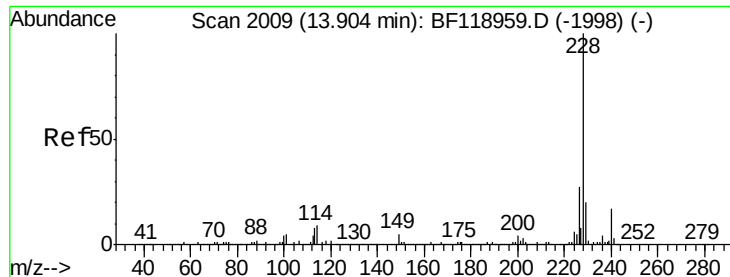


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.330 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampled :

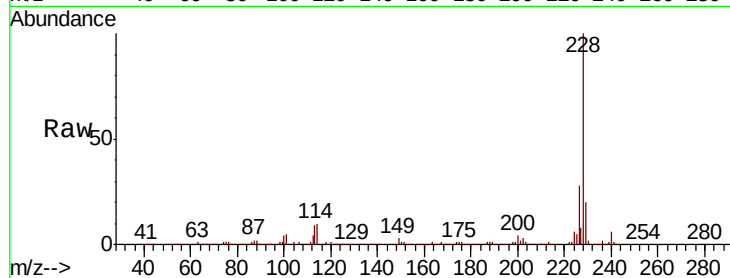
Tot Ion:228 Resp: 1076900

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

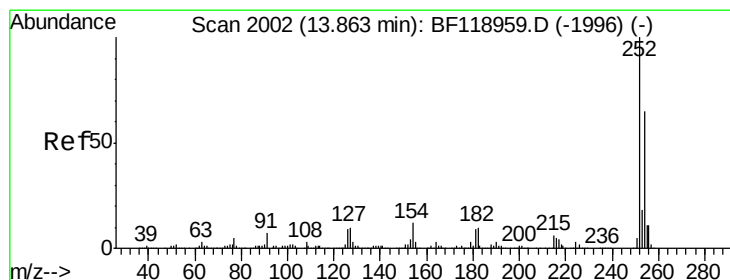
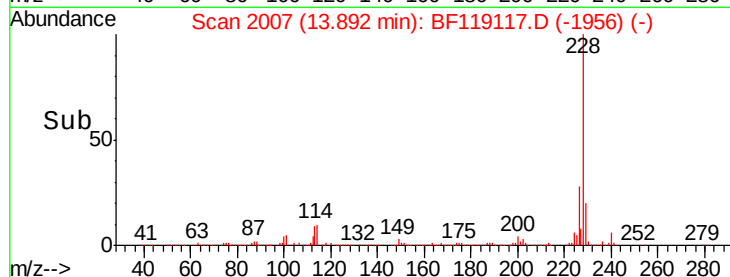
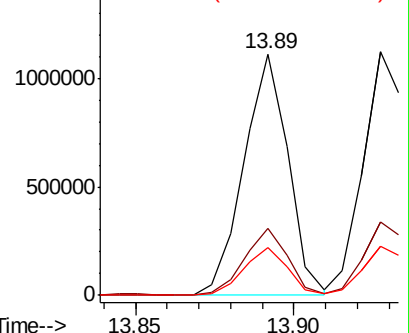
229 20.0 16.6 24.8



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: 45.079 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

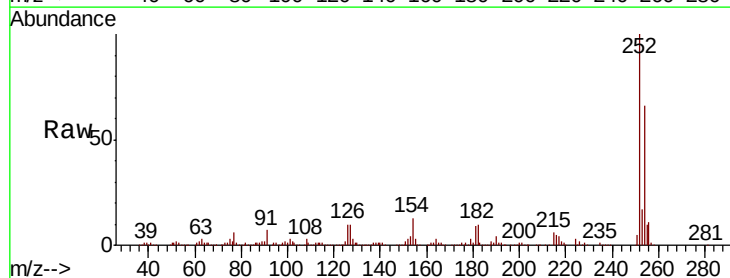
Tgt Ion:252 Resp: 382129

Ion Ratio Lower Upper

252 100

254 65.7 51.6 77.4

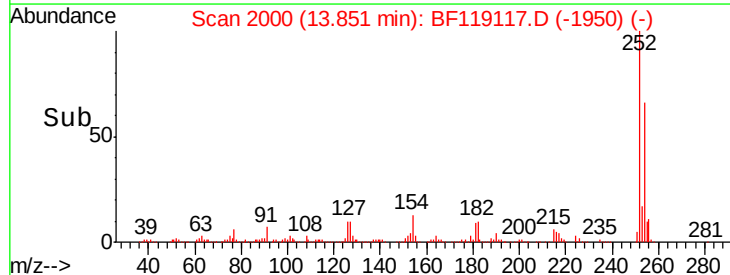
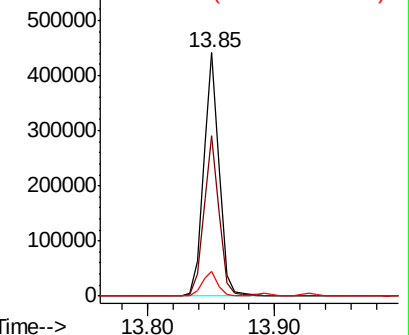
126 10.0 7.4 11.0

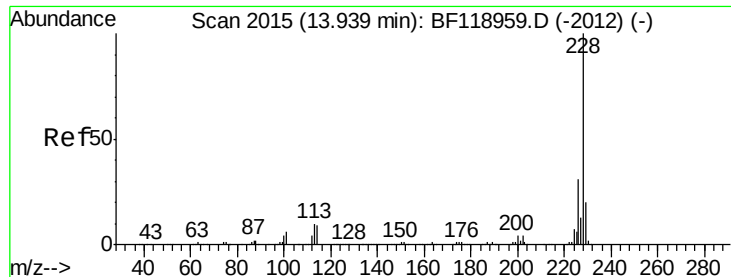


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

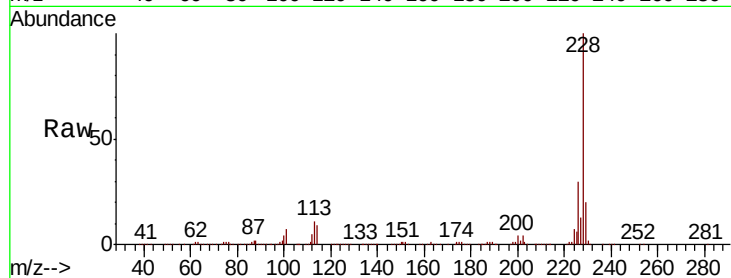




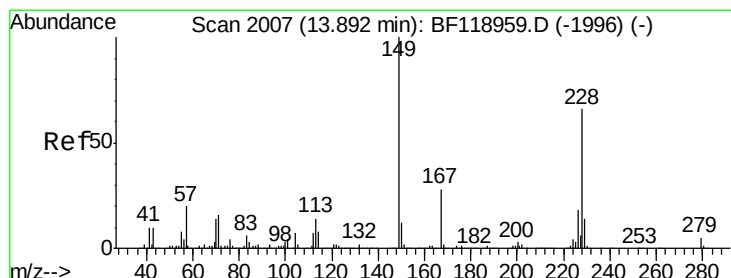
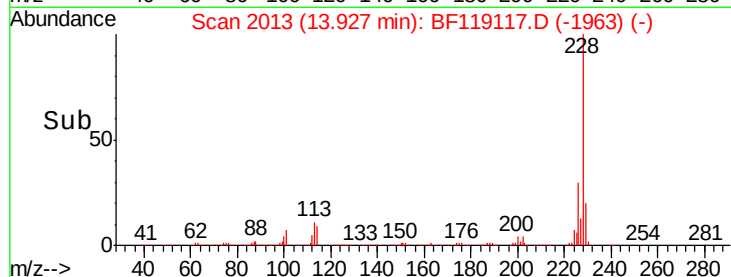
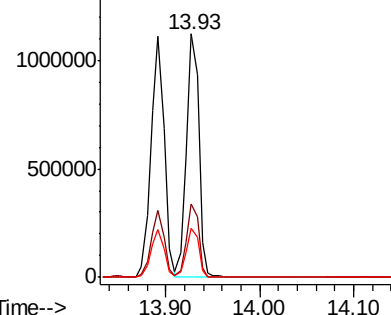
#83
 Chrvsene
 Concen: 47.481 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1032820
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.1 37.7
 229 20.3 16.3 24.5

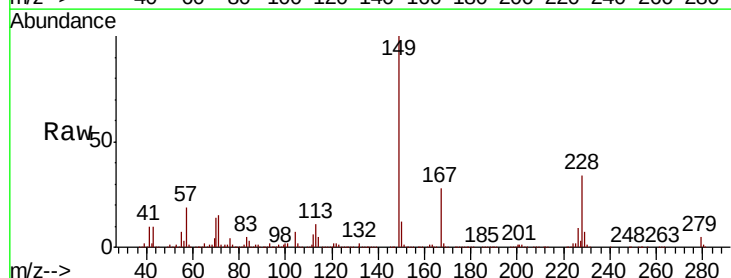


Abundance Ion 228.00 (227.70 to 228.70): E
 1500000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

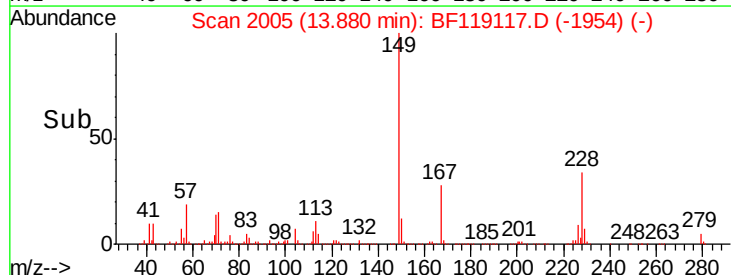
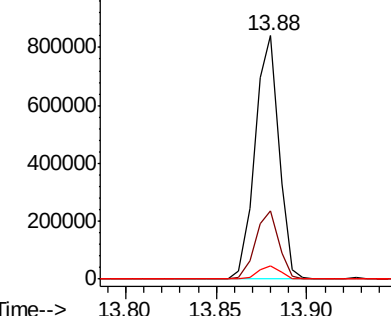


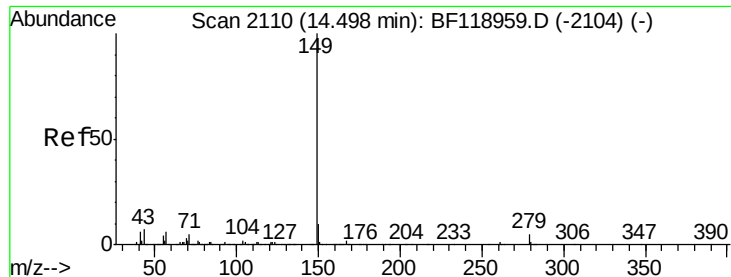
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.195 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF119117.D
 Acq: 27 Feb 2020 18:41

Tgt Ion:149 Resp: 768719
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.8 34.2
 279 5.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.287 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Instrument :

BNA_F

ClientSampleId :

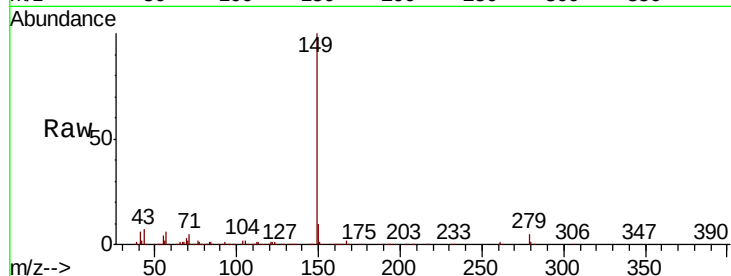
Tot Ion:149 Resp: 1248597

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

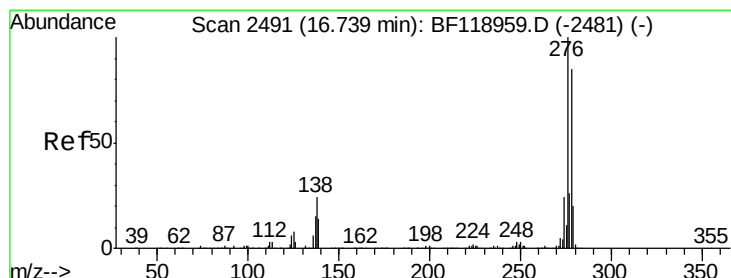
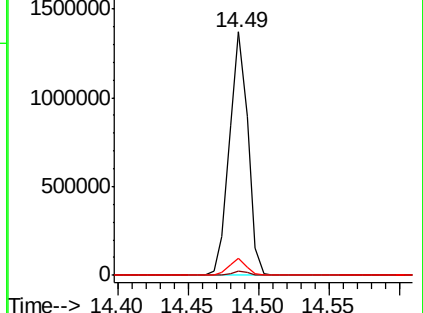
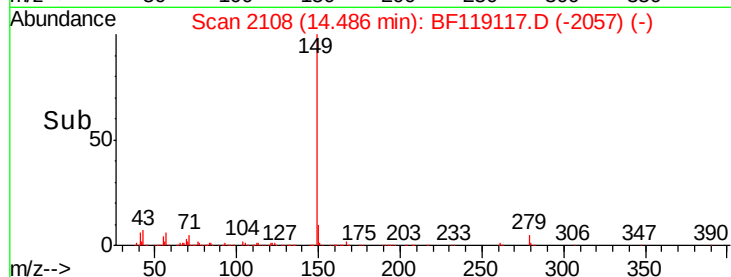
43 6.5 5.7 8.5



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: 60.457 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

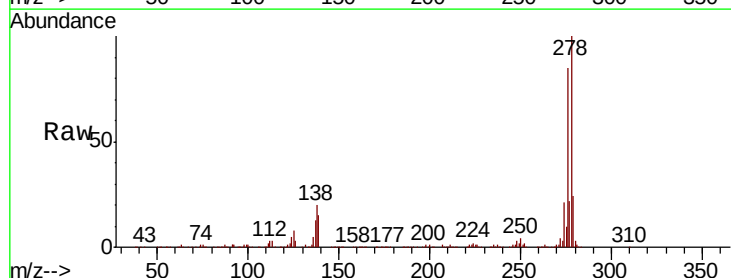
Tgt Ion:276 Resp: 1273348

Ion Ratio Lower Upper

276 100

138 21.8 17.4 26.0

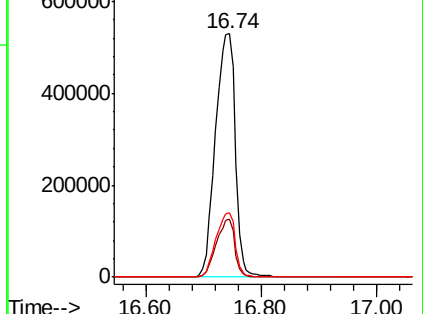
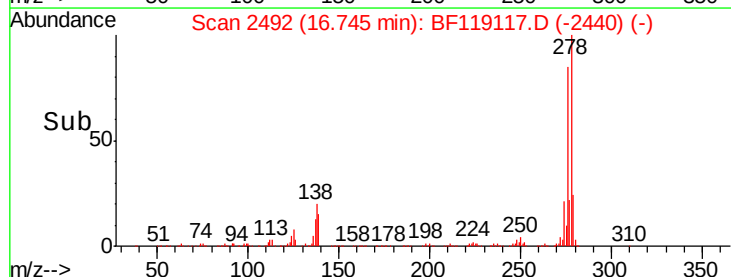
277 25.6 20.3 30.5

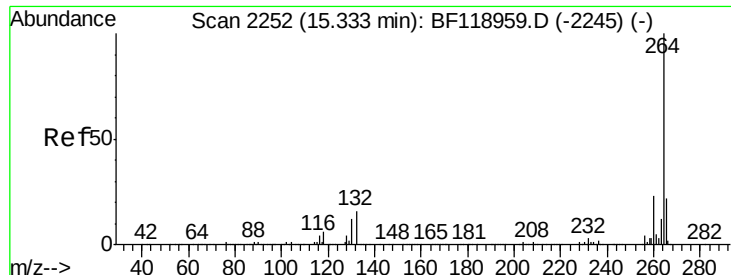


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



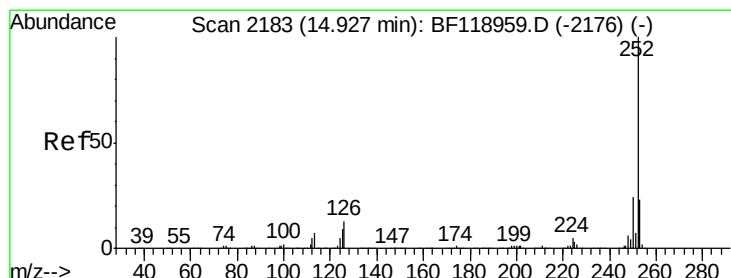
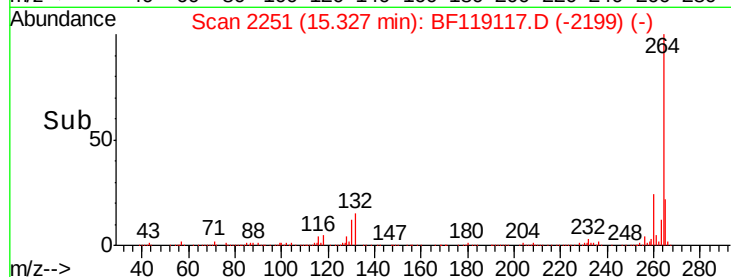
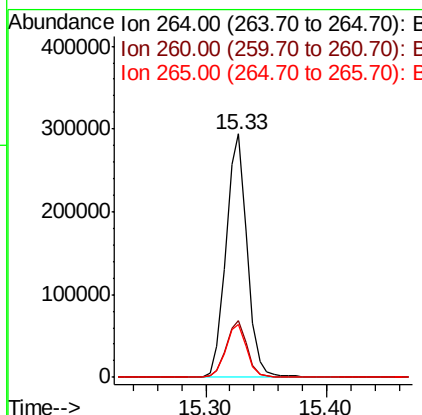
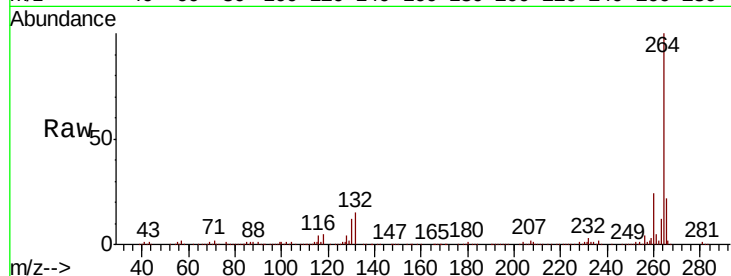


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 354774

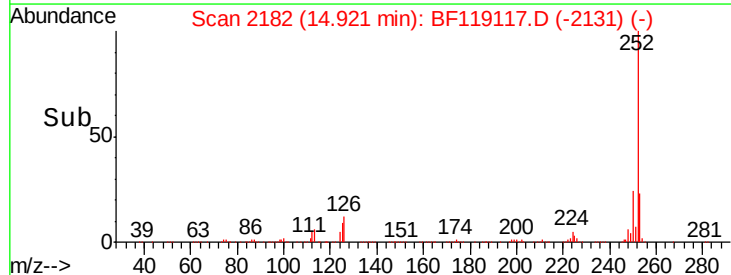
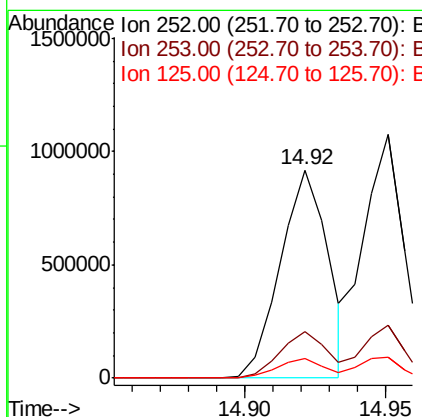
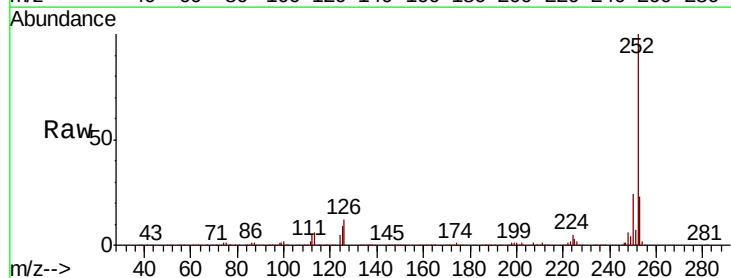
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.8	17.7	26.5

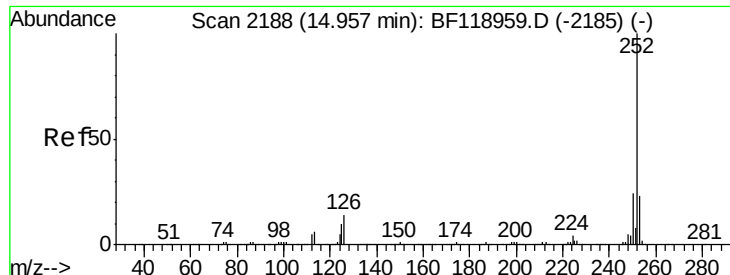


#88
Benzo(b)fluoranthene
Concen: 46.115 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:252 Resp: 1078392

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.3	7.4	11.0

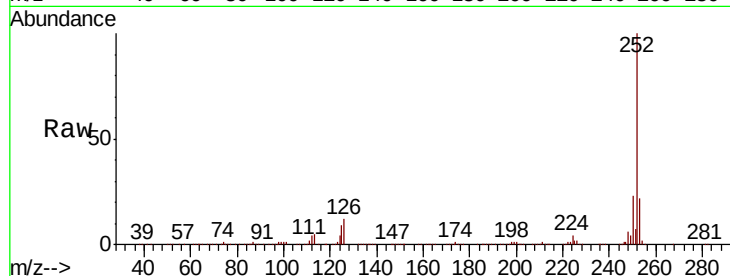




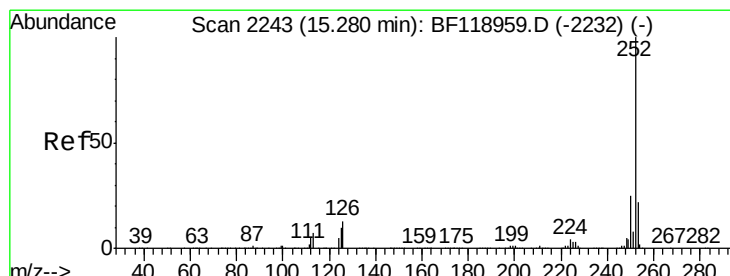
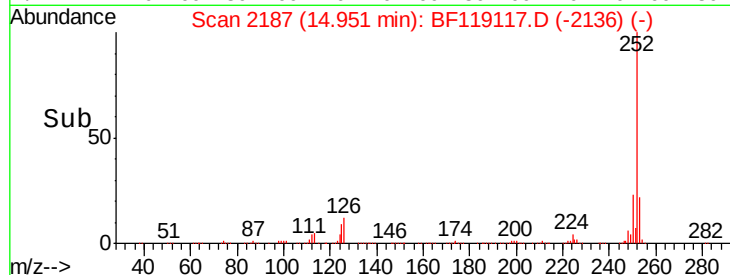
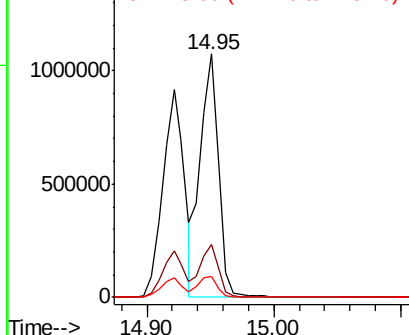
#89
Benzo(k)fluoranthene
Concen: 49.326 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1068955
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.5 7.5 11.3

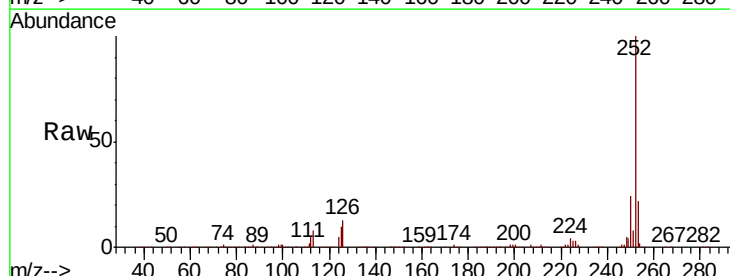


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

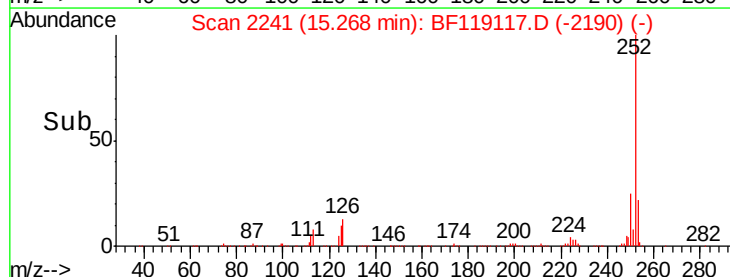
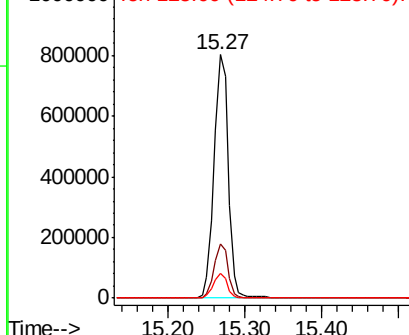


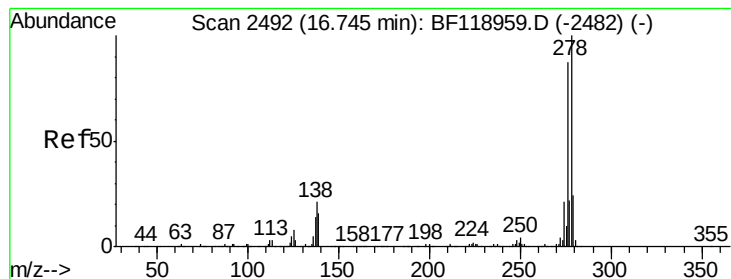
#90
Benzo(a)pyrene
Concen: 47.743 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119117.D
Acq: 27 Feb 2020 18:41

Tgt Ion:252 Resp: 1007636
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.0 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 57.482 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

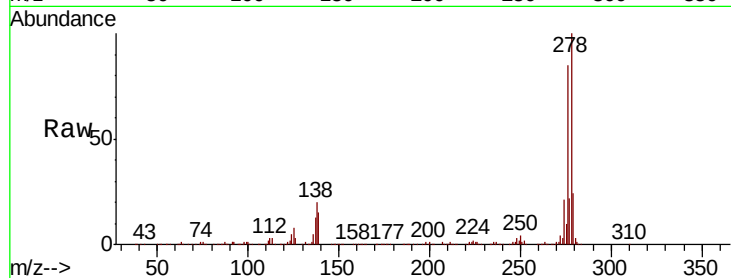
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1067448

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.0	16.4
279	23.7	18.6	28.0

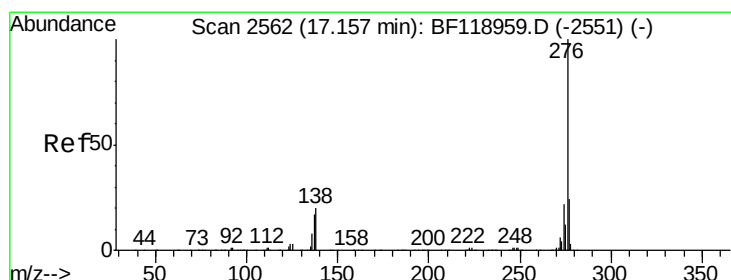
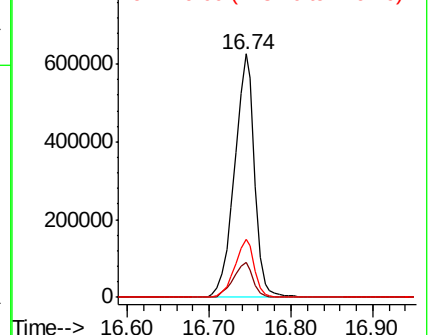
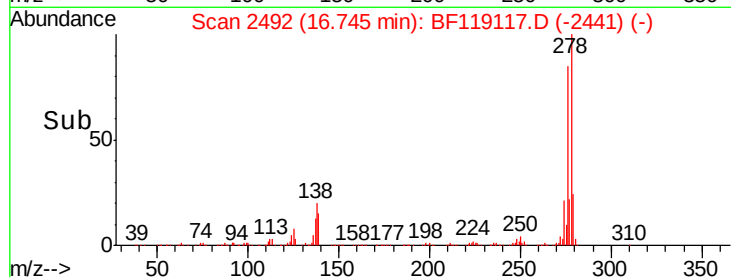


Abundance

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: 58.279 ng

RT: 17.16 min Scan# 2563

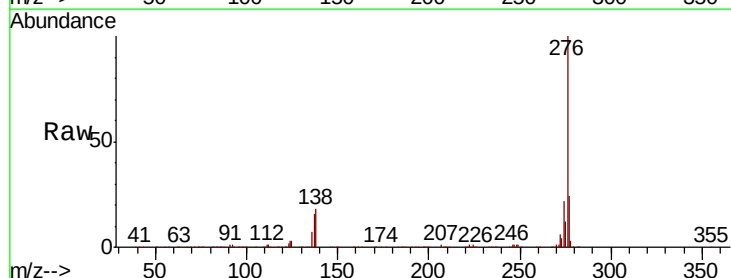
Delta R.T. 0.01 min

Lab File: BF119117.D

Acq: 27 Feb 2020 18:41

Tgt Ion:276 Resp: 1069316

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.3	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

