

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117120.D
 Acq On : 17 Sep 2019 21:17
 Operator : HP/JU
 Sample : K4661-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:53:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62337	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	239818	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	124576	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209740	20.00	ng	0.00
76) Chrysene-d12	13.97	240	141780	20.00	ng	0.00
87) Perylene-d12	15.42	264	120191	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	517692	129.66	ng	0.02
7) Phenol-d6	6.47	99	638634	123.76	ng	0.01
23) Nitrobenzene-d5	7.39	82	470347	103.05	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	167510	160.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	827554	103.87	ng	0.00
79) Terphenyl-d14	12.92	244	823043	108.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	68673	41.103	ng	# 85
3) Pyridine	3.45	79	92210	20.164	ng	97
4) n-Nitrosodimethylamine	3.36	42	70512	44.930	ng	97
6) Aniline	6.49	93	65587	9.872	ng	# 80
8) 2-Chlorophenol	6.62	128	210584	48.889	ng	98
9) Benzaldehyde	6.37	77	55186	15.661	ng	95
10) Phenol	6.48	94	230507	40.521	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	202507	48.436	ng	98
12) 1,3-Dichlorobenzene	6.77	146	209135	43.268	ng	97
13) 1,4-Dichlorobenzene	6.84	146	215408	43.670	ng	98
14) 1,2-Dichlorobenzene	7.00	146	204365	44.500	ng	97
15) Benzyl Alcohol	6.97	79	193499	48.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	189571	45.894	ng	87
17) 2-Methylphenol	7.09	107	173347	48.018	ng	95
18) Hexachloroethane	7.33	117	83405	43.953	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	155054	49.347	ng	96
20) 3+4-Methylphenols	7.24	107	219945	48.913	ng	# 81
22) Acetophenone	7.23	105	317323	52.080	ng	98
24) Nitrobenzene	7.40	77	241527	53.585	ng	99
25) Isophorone	7.65	82	432483	53.516	ng	100
26) 2-Nitrophenol	7.72	139	108061	55.814	ng	97
27) 2,4-Dimethylphenol	7.76	122	184720	60.165	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	257442	51.705	ng	99
29) 2,4-Dichlorophenol	7.97	162	178331	55.433	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	170139	48.952	ng	96
31) Naphthalene	8.13	128	616177	53.424	ng	99
32) Benzoic acid	7.89	122	54258	26.783	ng	97
33) 4-Chloroaniline	8.18	127	21896	4.280	ng	97
34) Hexachlorobutadiene	8.24	225	98013	49.705	ng	99
35) Caprolactam	8.55	113	25067	23.021	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	208043	55.461	ng	98
37) 2-Methylnaphthalene	8.82	142	420093	54.089	ng	99
38) 1-Methylnaphthalene	8.92	142	392401	53.944	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	164981	51.286	ng	98

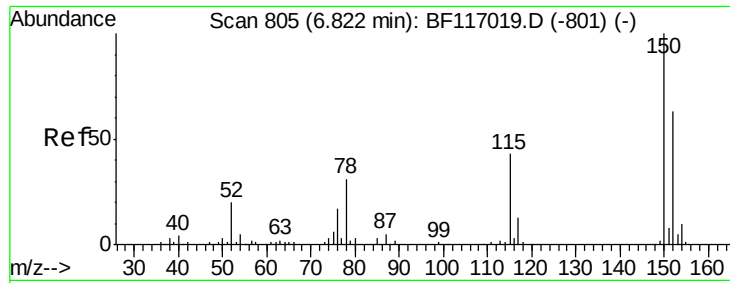
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	131566	91.297	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	117167	53.671	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	126506	54.238	ng	96
46) 1,1'-Biphenyl	9.27	154	509802	52.171	ng	99
47) 2-Chloronaphthalene	9.30	162	399760	51.836	ng	99
48) 2-Nitroaniline	9.40	65	130003	52.556	ng	94
49) Acenaphthylene	9.72	152	632887	54.781	ng	100
50) Dimethylphthalate	9.57	163	484475	54.925	ng	100
51) 2,6-Dinitrotoluene	9.64	165	103454	57.587	ng	93
52) Acenaphthene	9.89	154	362330	52.907	ng	99
53) 3-Nitroaniline	9.81	138	40366	17.809	ng	99
54) 2,4-Dinitrophenol	9.92	184	59181	76.718	ng	97
55) Dibenzofuran	10.06	168	549429	54.375	ng	96
56) 4-Nitrophenol	9.99	139	138324	94.161	ng	93
57) 2,4-Dinitrotoluene	10.05	165	141701	60.766	ng	96
58) Fluorene	10.40	166	454911	55.890	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	99717	55.868	ng	99
60) Diethylphthalate	10.27	149	477094	54.978	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	191482	54.373	ng	97
62) 4-Nitroaniline	10.43	138	115287	48.909	ng	100
63) Azobenzene	10.55	77	485331	54.759	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49249	51.025	ng	88
66) n-Nitrosodiphenylamine	10.51	169	392710	54.215	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	114462	53.438	ng	96
68) Hexachlorobenzene	10.95	284	121145	51.710	ng	# 92
69) Atrazine	11.03	200	94064	55.615	ng	98
70) Pentachlorophenol	11.15	266	122723	111.752	ng	97
71) Phenanthrene	11.36	178	643480	54.014	ng	99
72) Anthracene	11.41	178	670869	55.159	ng	98
73) Carbazole	11.57	167	629151	54.497	ng	99
74) Di-n-butylphthalate	11.89	149	760264	55.350	ng	99
75) Fluoranthene	12.54	202	652754	53.326	ng	99
77) Benzidine	12.92	184	11965	2.620	ng	95
78) Pyrene	12.77	202	651935	54.801	ng	99
80) Butylbenzylphthalate	13.38	149	317698	56.517	ng	98
81) Benzo(a)anthracene	13.96	228	497479	52.518	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	73926	24.218	ng	98
83) Chrysene	14.00	228	483324	52.315	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	428748	59.156	ng	99
85) Di-n-octyl phthalate	14.55	149	689527	60.445	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	400846	59.471	ng	98
88) Benzo(b)fluoranthene	15.00	252	379487	52.124	ng	99
89) Benzo(k)fluoranthene	15.03	252	405235	58.759	ng	99
90) Benzo(a)pyrene	15.36	252	371012	58.073	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	334699	65.764	ng	98
92) Benzo(g,h,i)perylene	17.29	276	330756	65.218	ng	96

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

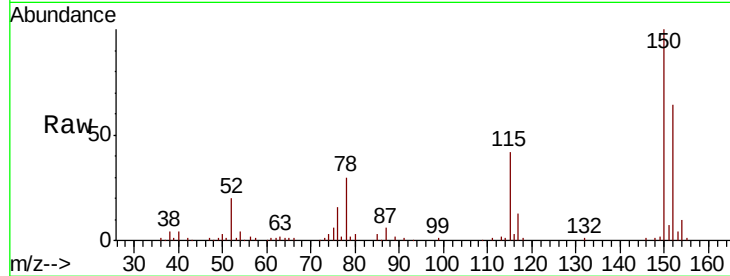


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.5	191.3
115	65.9	55.0	82.4

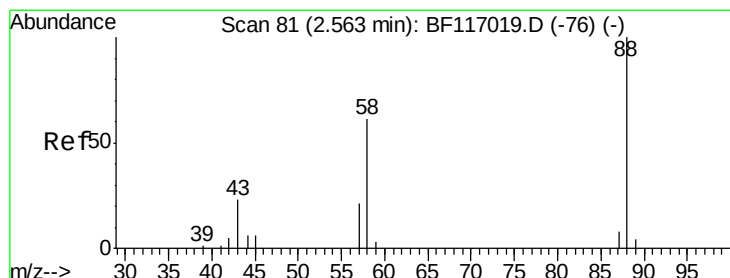
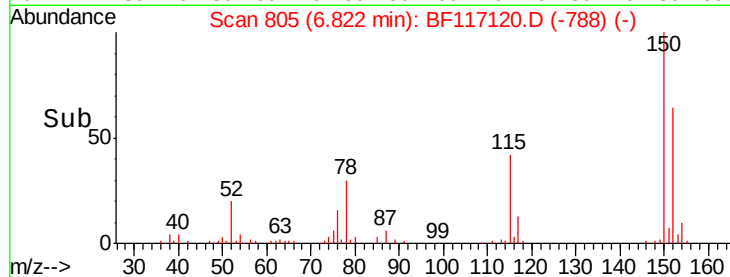
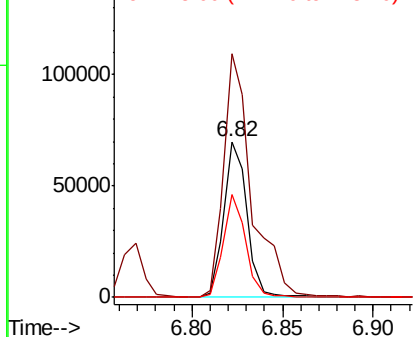


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

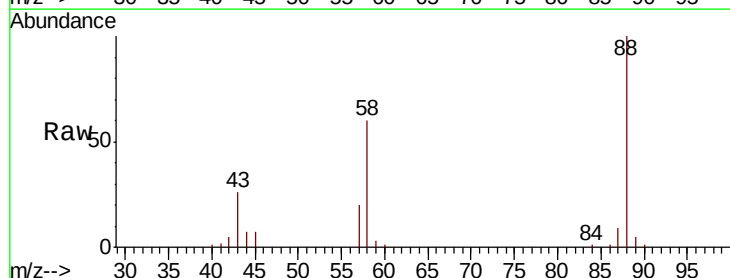
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.103 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.15 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	49.3	73.9
43	0.0	18.8	28.2

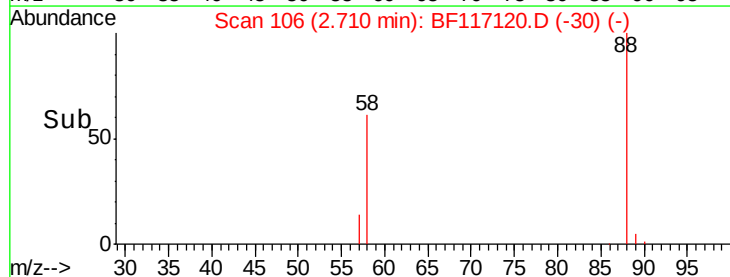
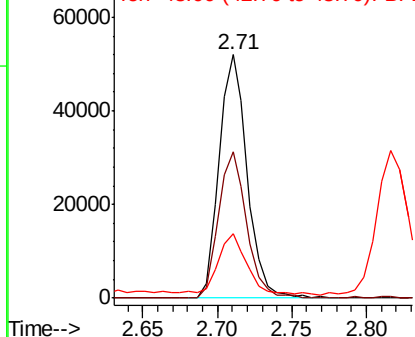


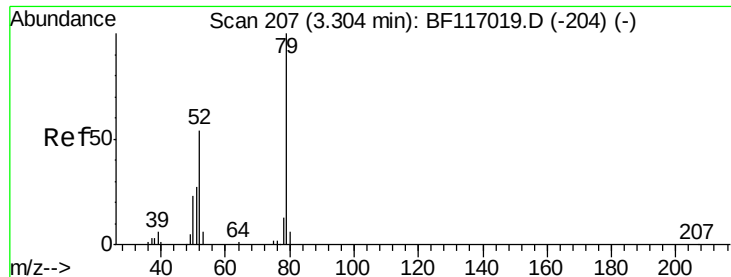
Abundance

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: 20.164 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.14 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampled :

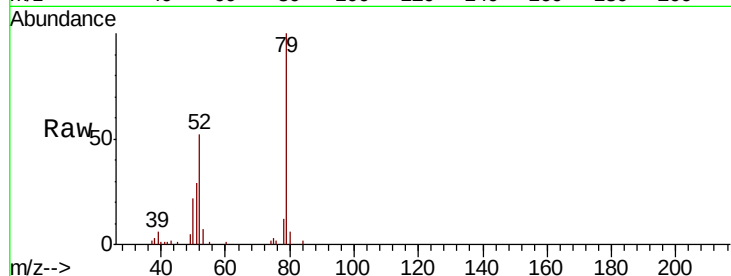
Tot Ion: 79 Resp: 92210

Ion Ratio Lower Upper

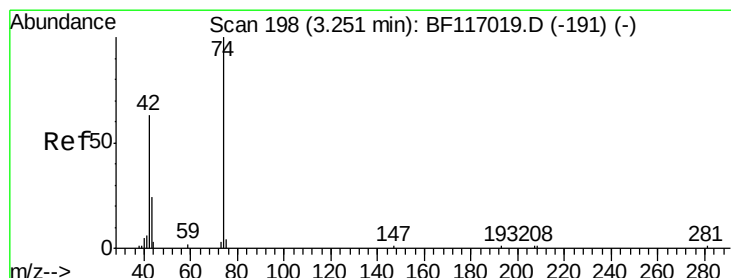
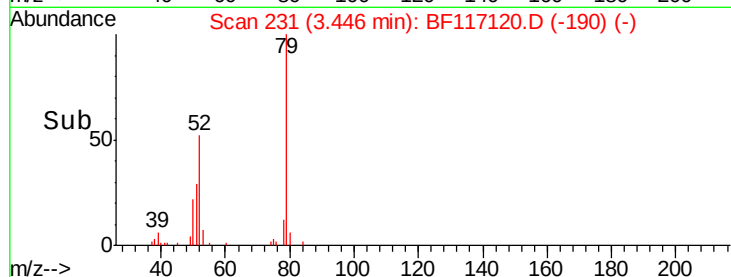
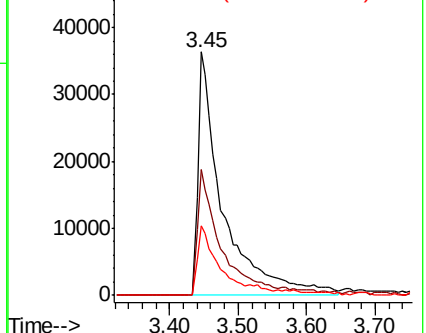
79 100

52 51.8 43.5 65.3

51 28.6 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.930 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

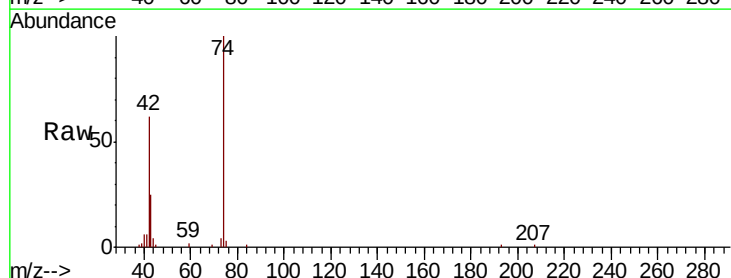
Tgt Ion: 42 Resp: 70512

Ion Ratio Lower Upper

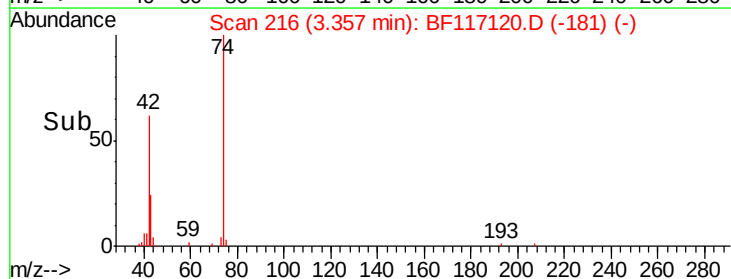
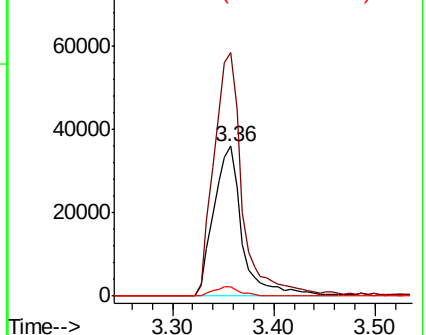
42 100

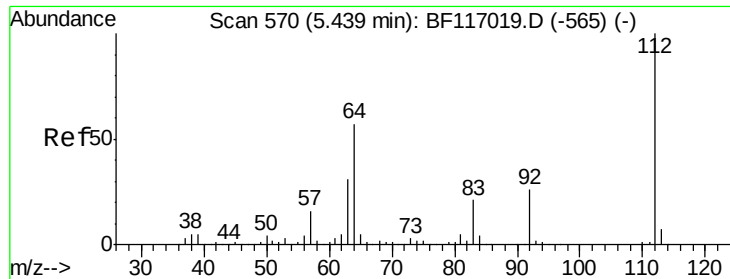
74 162.5 127.1 190.7

44 5.9 4.3 6.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.657 ng

RT: 5.46 min Scan# 574

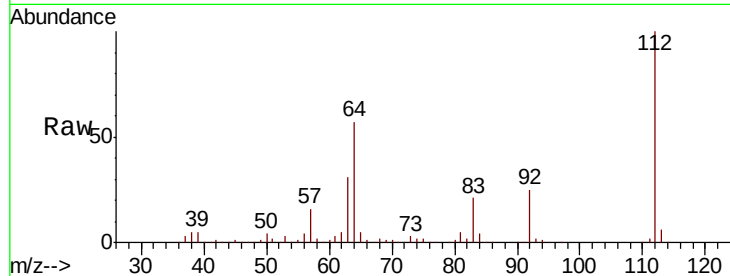
Delta R.T. 0.02 min

Lab File: BF117120.D

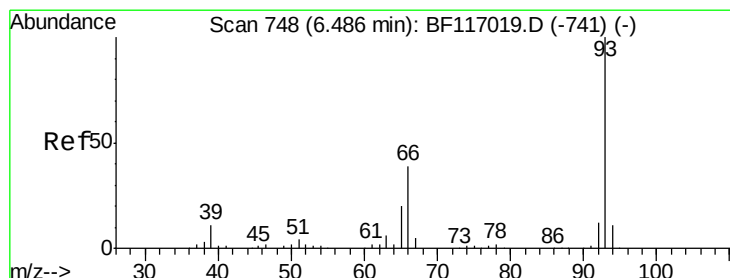
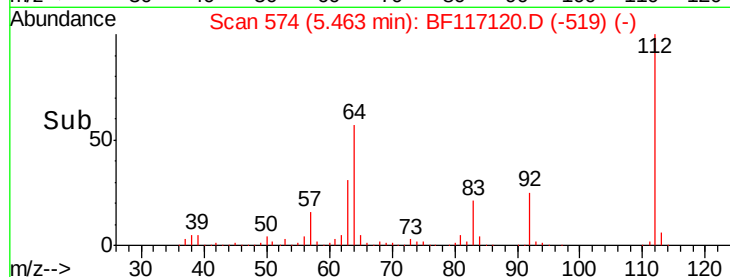
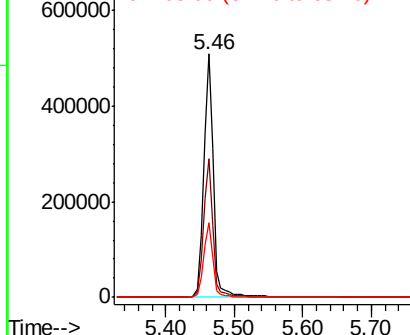
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	517692
Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.7	68.5
63	30.6	24.9	37.3



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



#6

Aniline

Concen: 9.872 ng

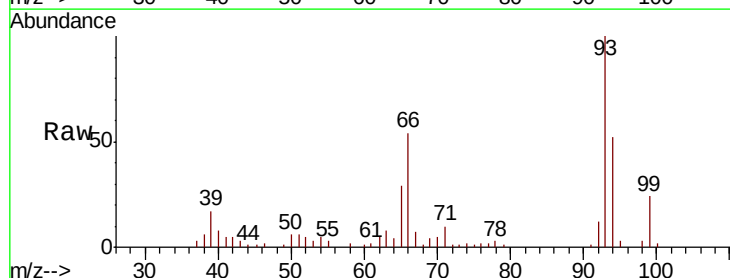
RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

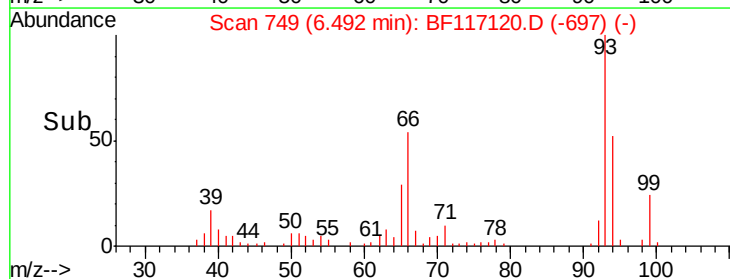
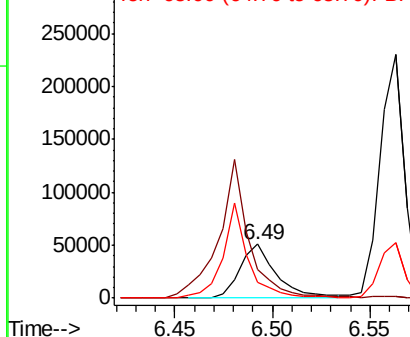
Lab File: BF117120.D

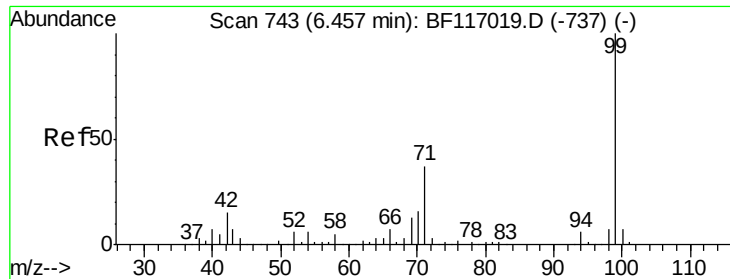
Acq: 17 Sep 2019 21:17

Tgt Ion:	93	Resp:	65587
Ion	Ratio	Lower	Upper
93	100		
66	53.9	32.6	49.0#
65	28.9	16.7	25.1#



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





#7

Phenol-d6

Concen: 123.764 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

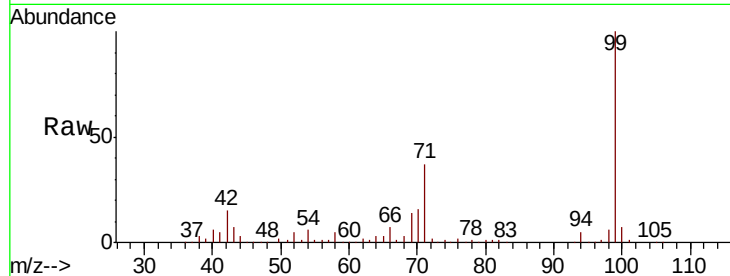
Tot Ion: 99 Resp: 638634

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

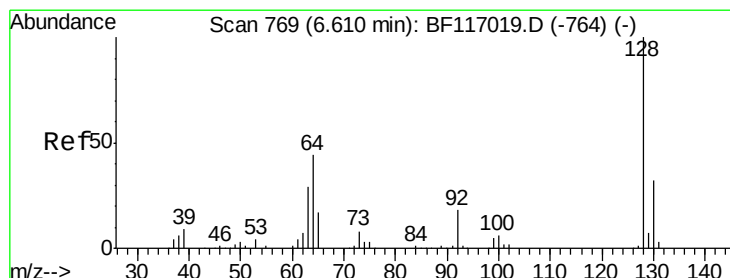
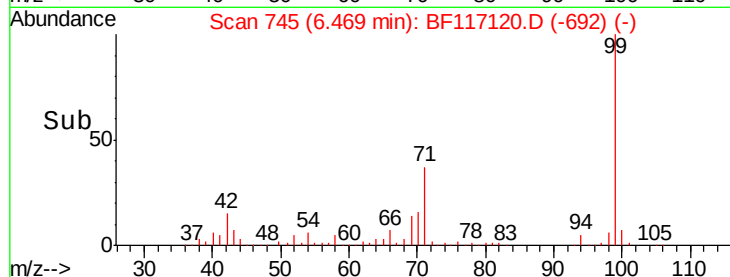
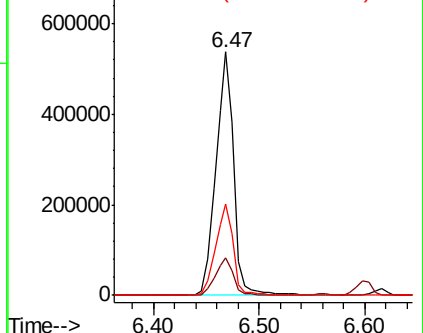
71 37.3 29.8 44.8



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: 48.889 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

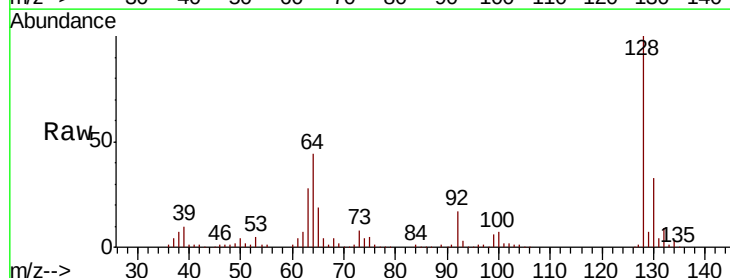
Tgt Ion:128 Resp: 210584

Ion Ratio Lower Upper

128 100

130 33.5 11.8 51.8

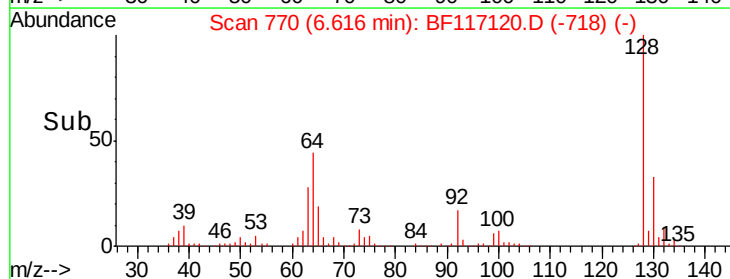
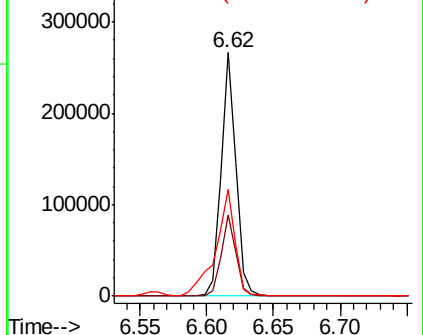
64 43.7 25.0 65.0

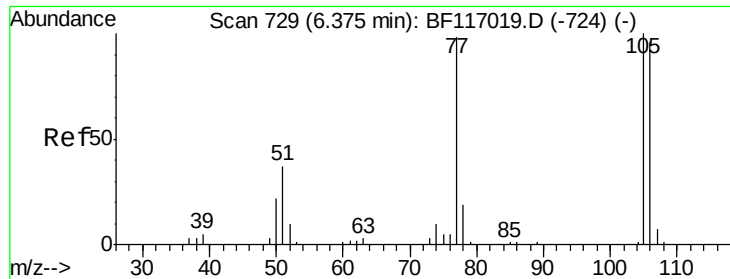


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

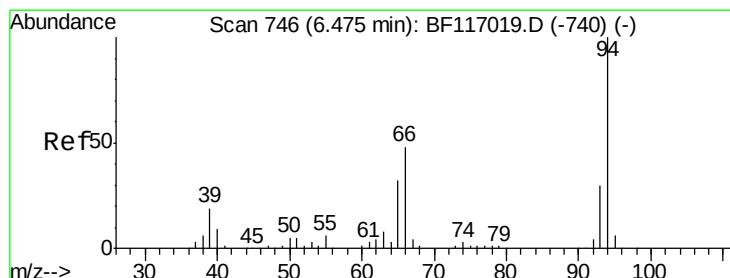
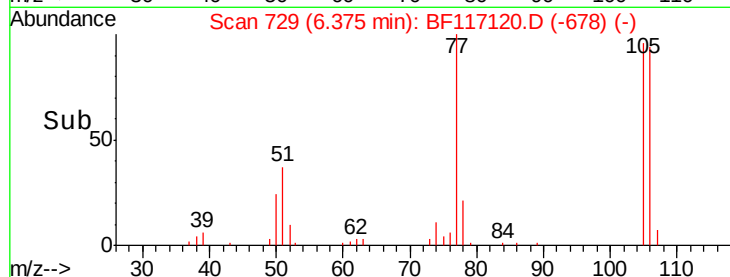
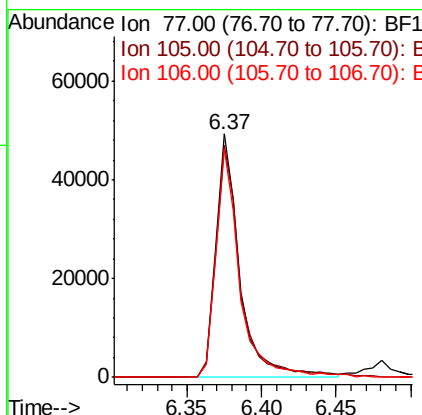
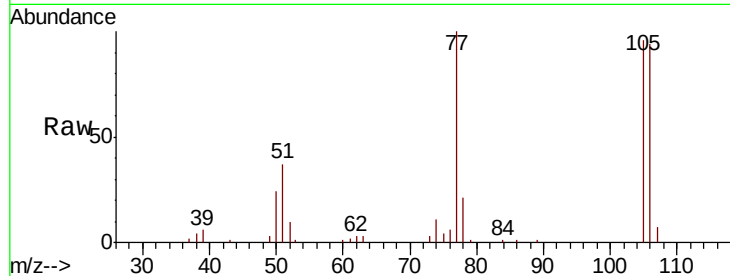




#9
Benzaldehyde
Concen: 15.661 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

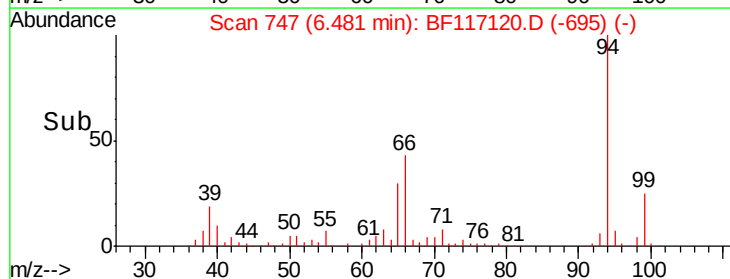
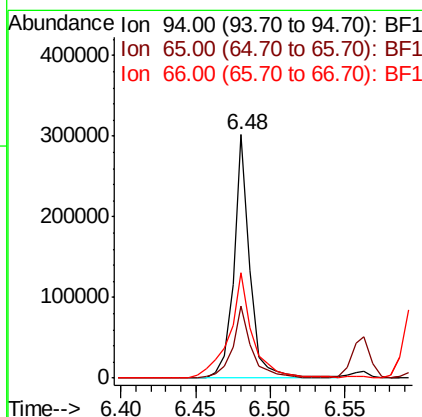
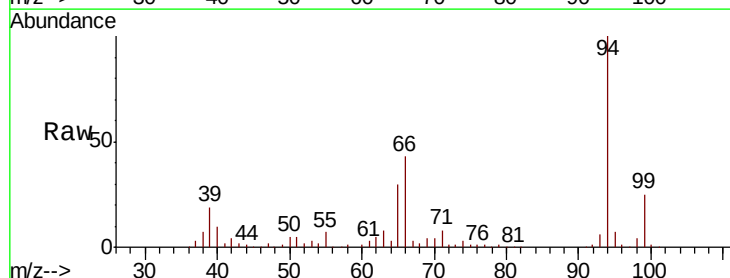
Instrument :
BNA_F
ClientSampled :

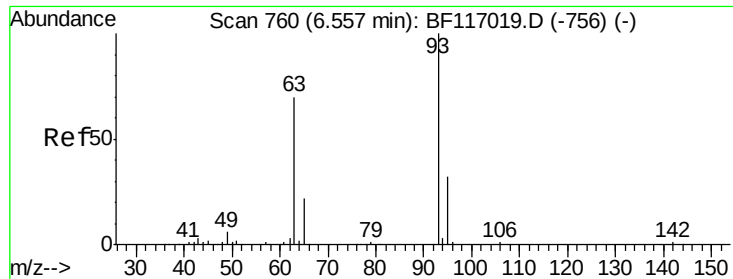
Tot Ion: 77 Resp: 55186
Ion Ratio Lower Upper
77 100
105 95.6 81.8 121.8
106 93.8 77.3 117.3



#10
Phenol
Concen: 40.521 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion: 94 Resp: 230507
Ion Ratio Lower Upper
94 100
65 29.6 12.5 52.5
66 43.3 28.9 68.9

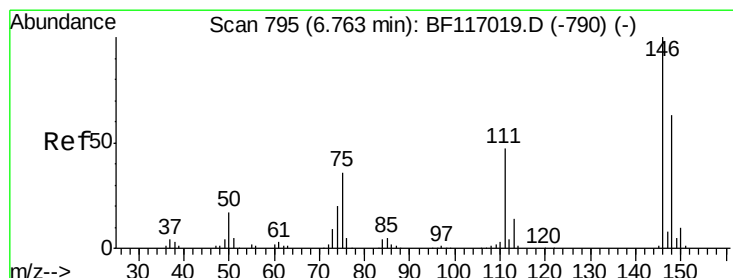
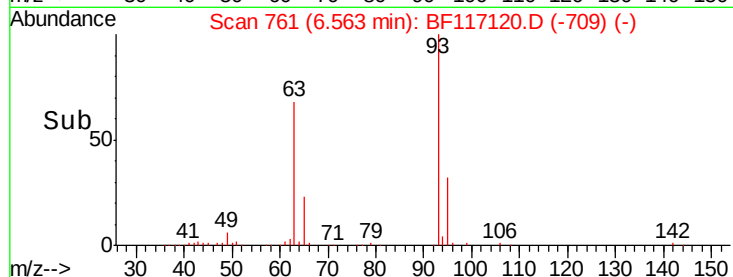
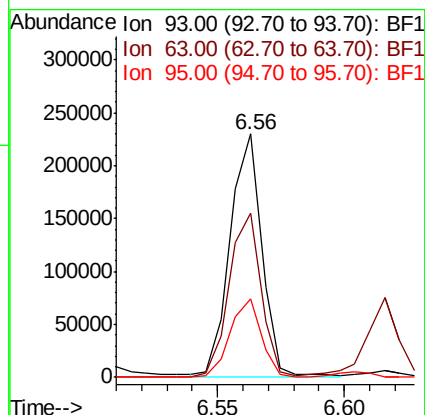
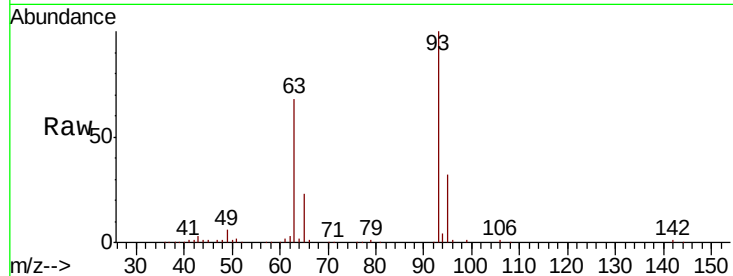




#11
 bis(2-Chloroethyl)ether
 Concen: 48.436 ng
 RT: 6.56 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

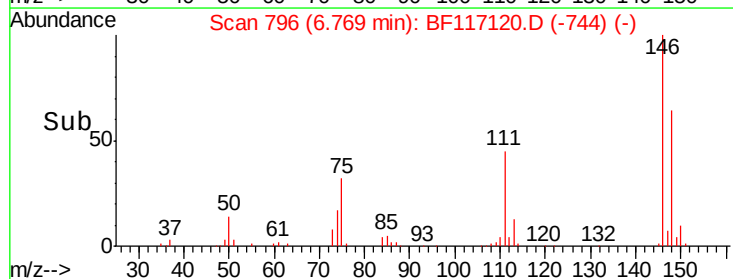
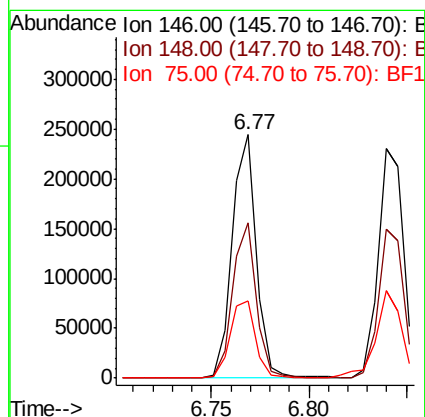
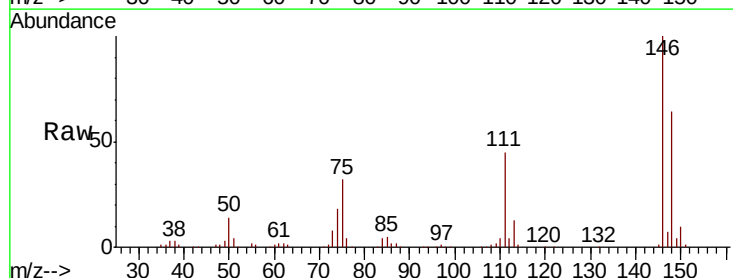
Instrument :
 BNA_F
 ClientSampleId :

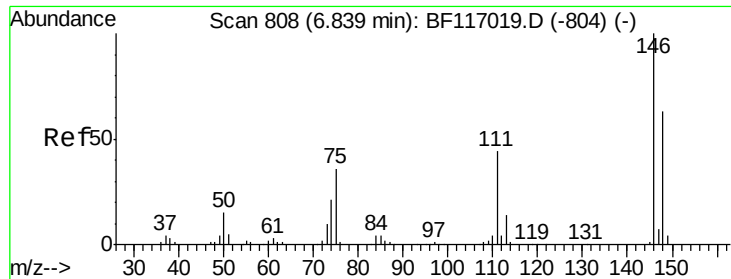
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.6	49.3	89.3
95	32.2	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 43.268 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
75	31.8	28.7	43.1

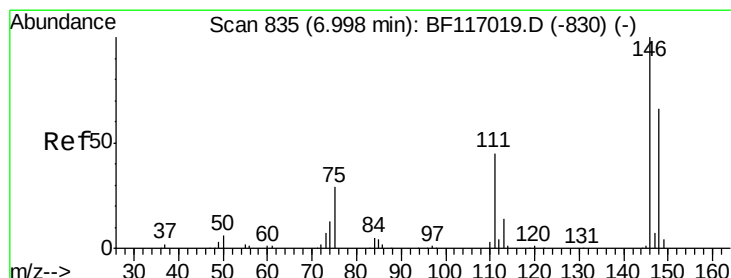
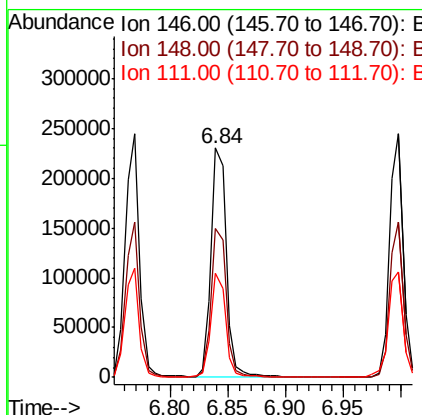
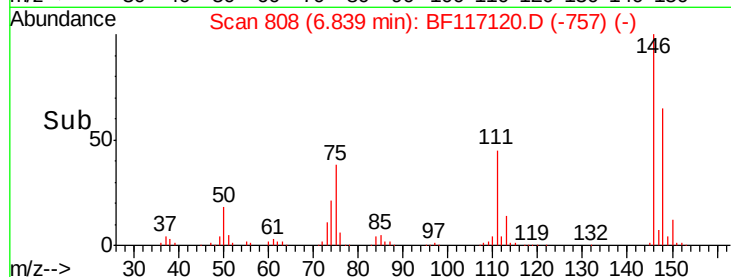
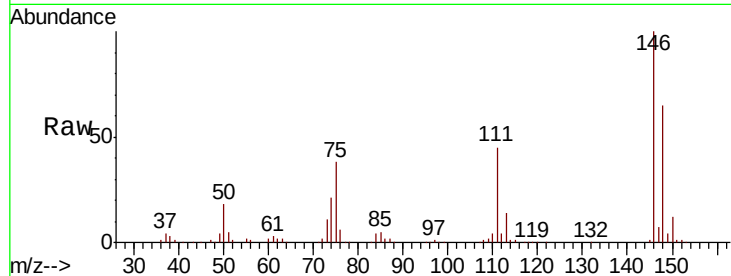




#13
1,4-Dichlorobenzene
Concen: 43.670 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

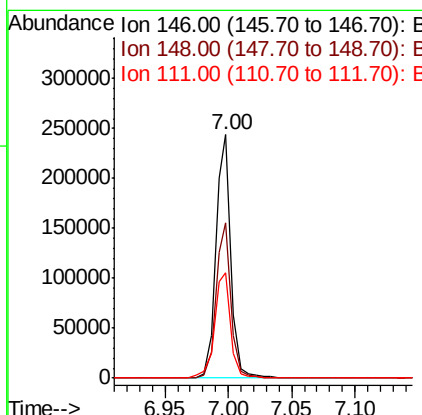
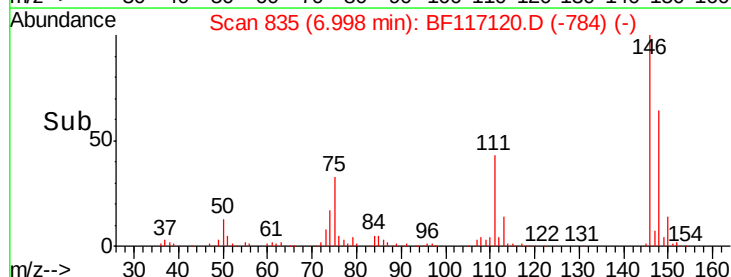
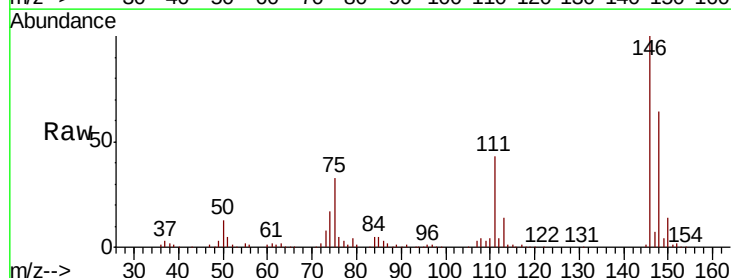
Instrument :
BNA_F
ClientSampleId :

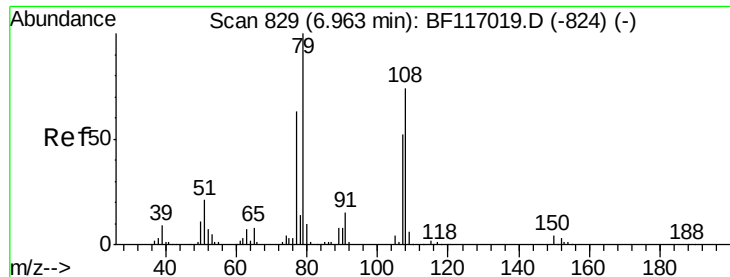
Tot Ion:146 Resp: 215408
Ion Ratio Lower Upper
146 100
148 65.1 50.6 76.0
111 45.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 44.500 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:146 Resp: 204365
Ion Ratio Lower Upper
146 100
148 63.8 52.6 78.8
111 43.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.900 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampled :

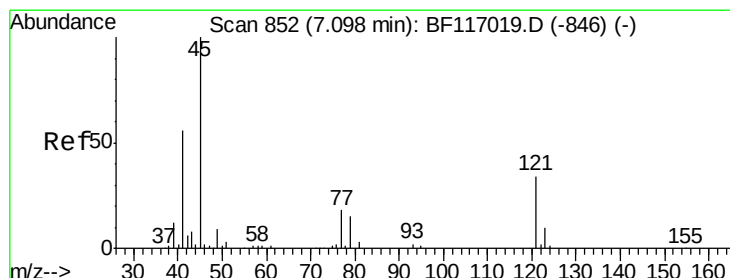
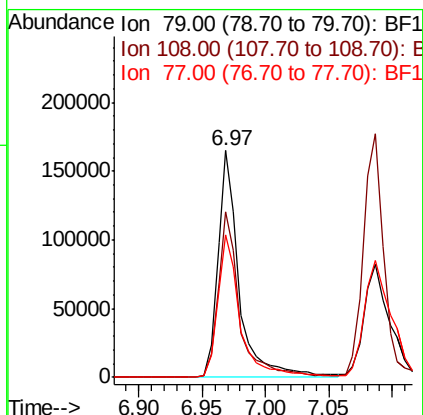
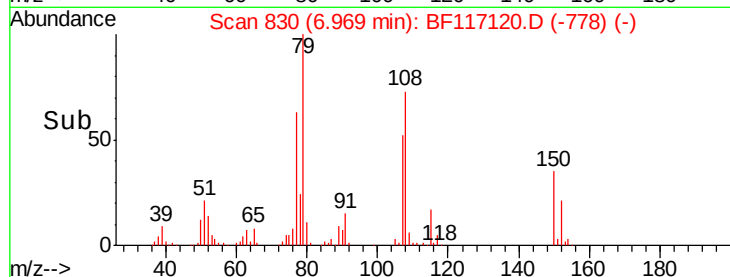
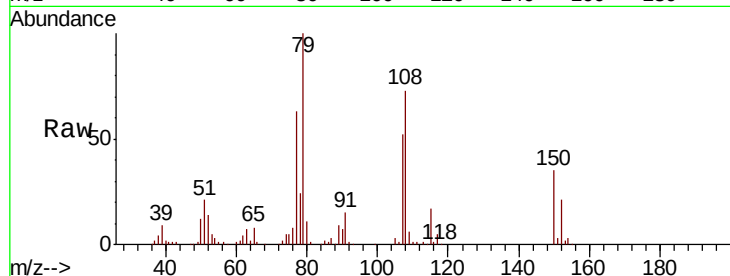
Tot Ion: 79 Resp: 193499

Ion Ratio Lower Upper

79 100

108 73.0 59.4 89.0

77 62.9 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.894 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

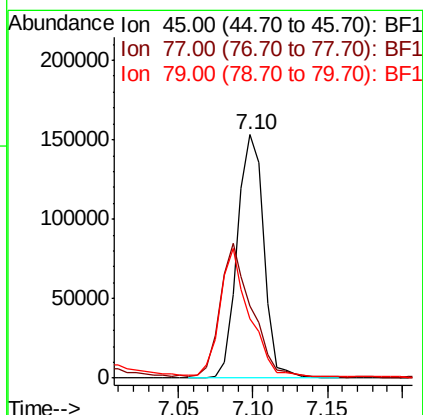
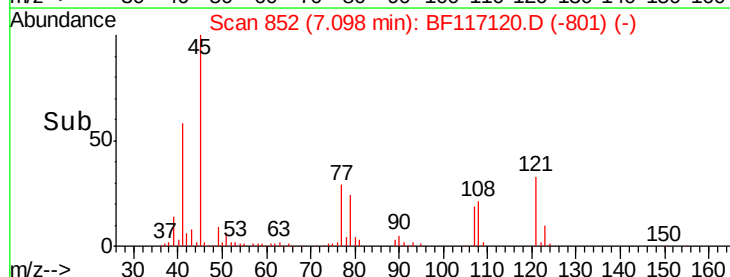
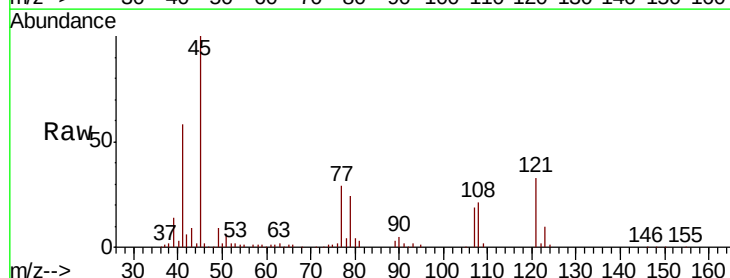
Tgt Ion: 45 Resp: 189571

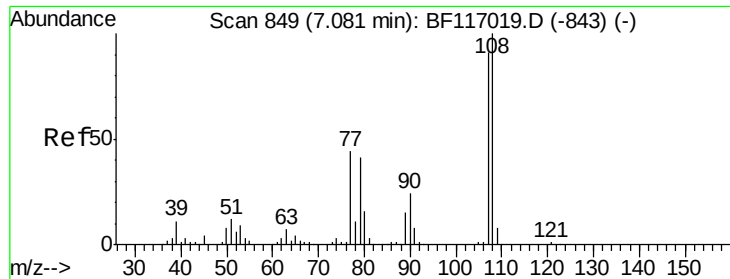
Ion Ratio Lower Upper

45 100

77 29.5 2.7 42.7

79 24.4 0.0 38.9





#17

2-Methylphenol

Concen: 48.018 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 173347

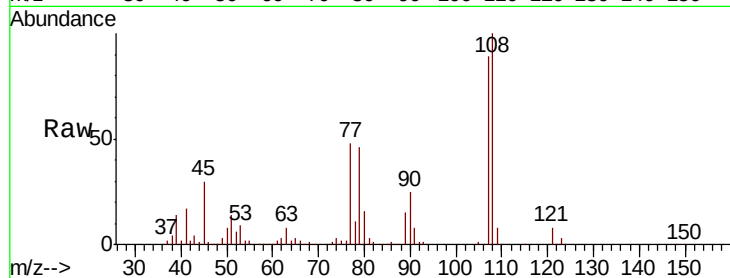
Ion Ratio Lower Upper

107 100

108 112.1 87.7 131.5

77 53.7 38.6 58.0

79 51.8 36.8 55.2

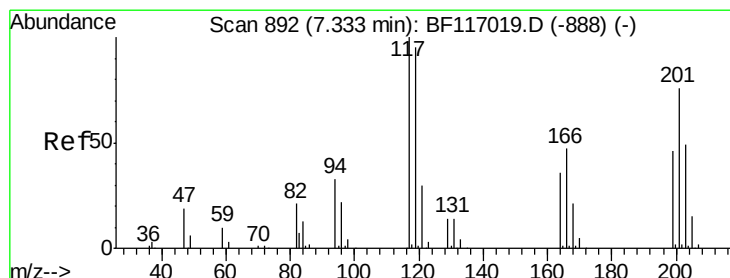
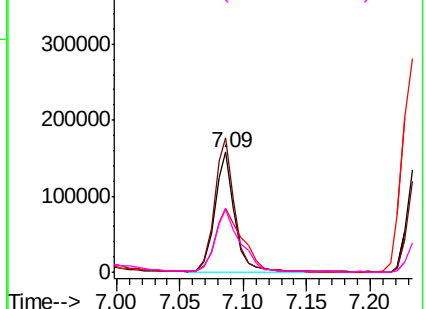
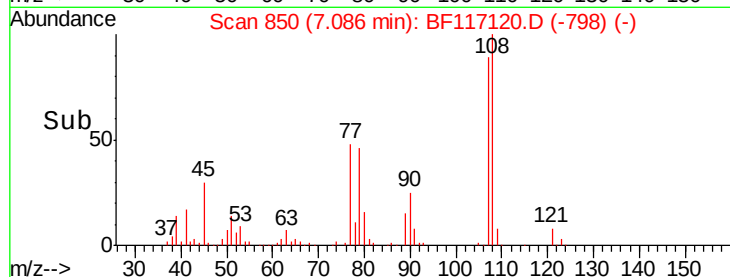


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.953 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

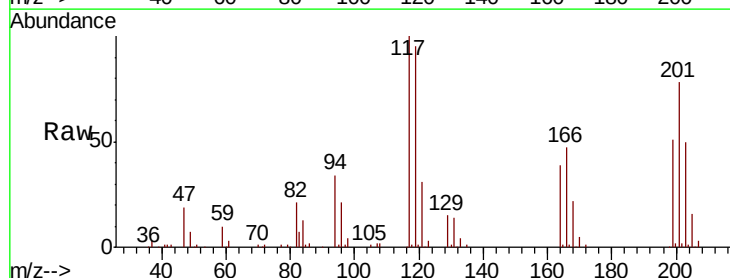
Tgt Ion:117 Resp: 83405

Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8

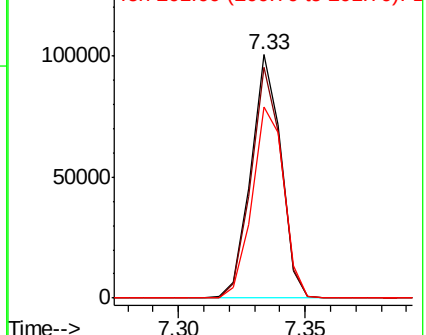
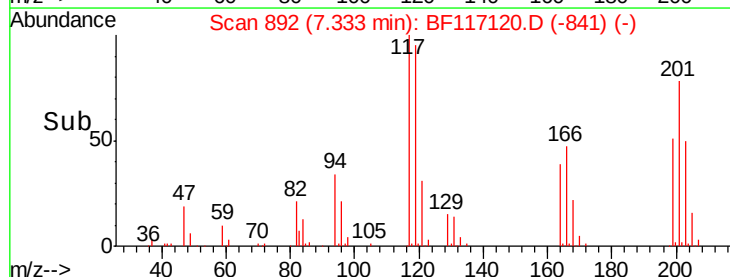
201 78.5 60.9 91.3

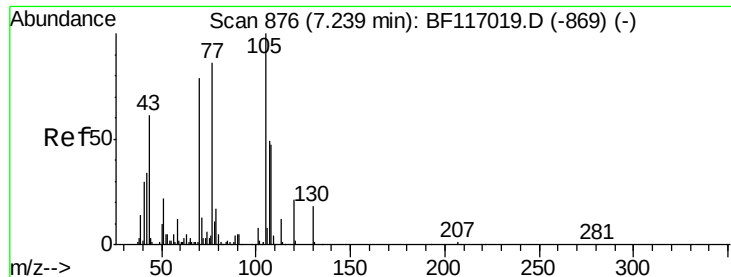


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

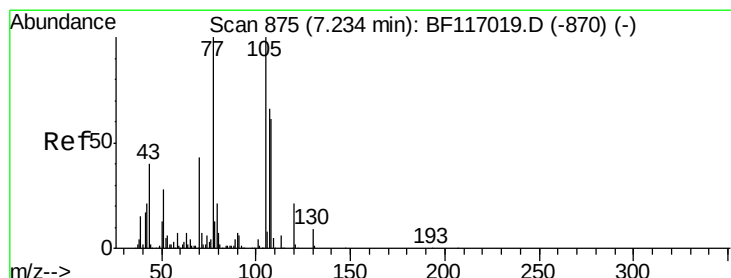
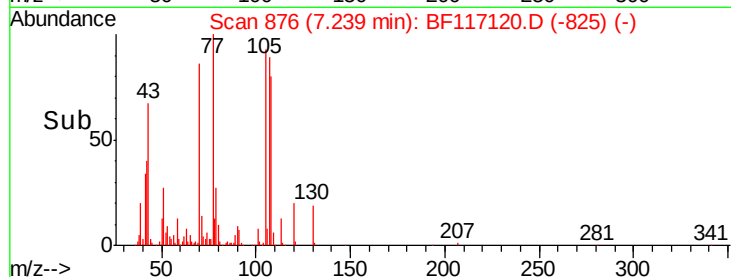
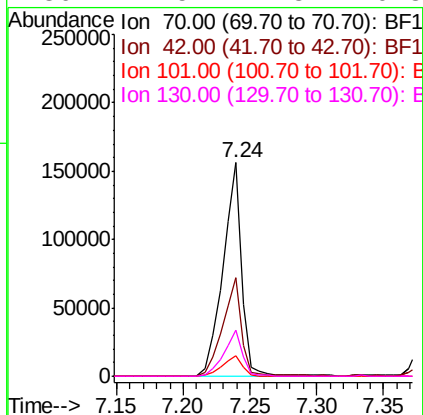
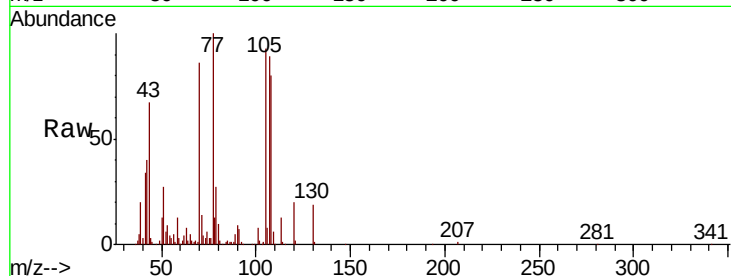




#19
n-Nitroso-di-n-propylamine
Concen: 49.347 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

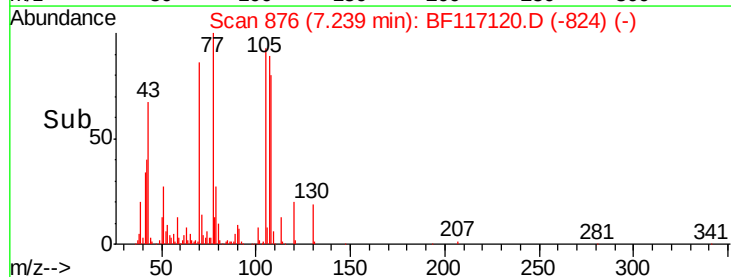
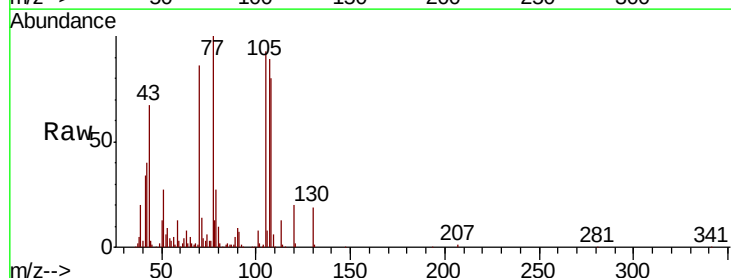
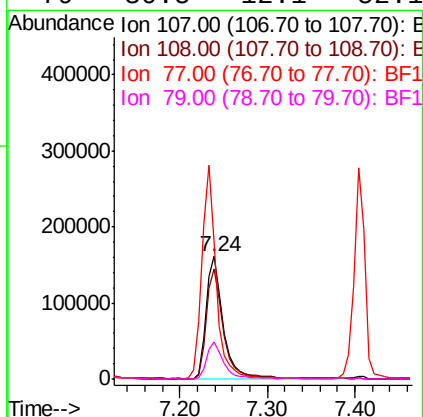
Instrument :
BNA_F
ClientSampled :

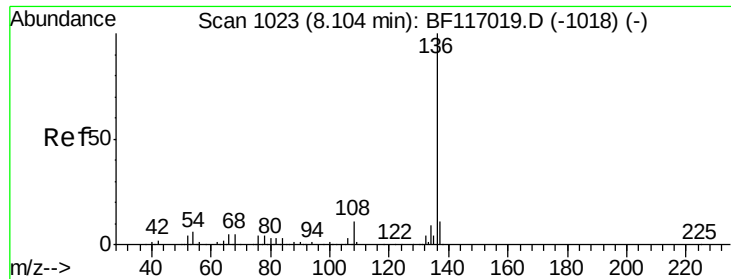
Tot Ion: 70 Resp: 155054
Ion Ratio Lower Upper
70 100
42 46.3 34.0 51.0
101 9.7 7.8 11.6
130 21.5 17.8 26.8



#20
3+4-Methylphenols
Concen: 48.913 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion: 107 Resp: 219945
Ion Ratio Lower Upper
107 100
108 89.5 72.6 112.6
77 111.8 132.1 172.1#
79 30.5 12.1 52.1

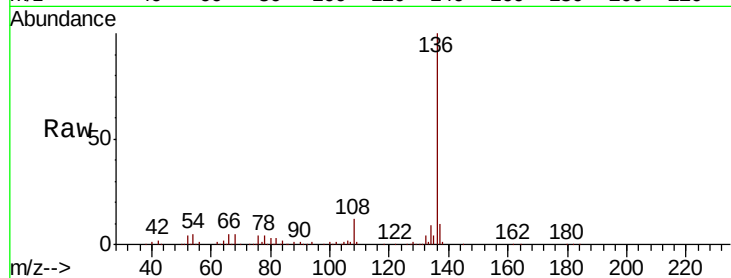




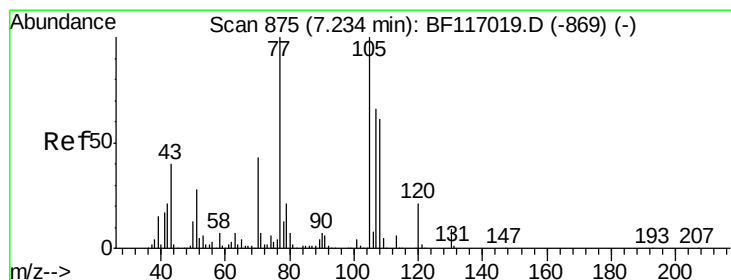
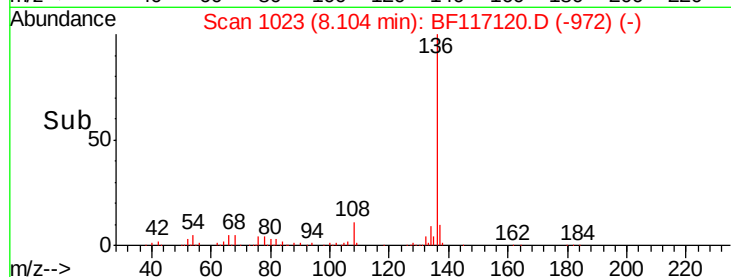
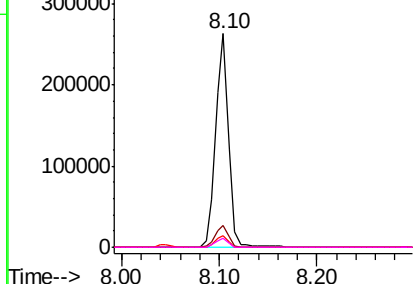
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	239818	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	9.0	13.4	
54 5.1	4.5	6.7	
68 4.5	4.0	6.0	

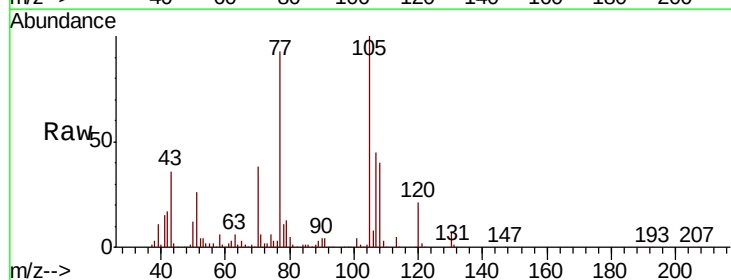


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

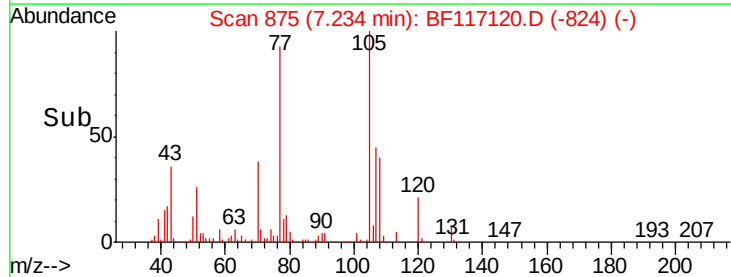
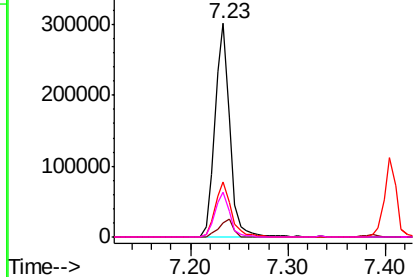


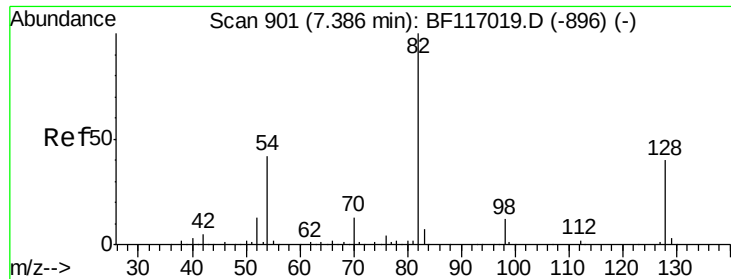
#22
Acetophenone
Concen: 52.080 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:105	Resp:	317323
Ion Ratio	Lower	Upper
105 100		
71 6.3	5.7	8.5
51 25.7	22.1	33.1
120 20.9	17.1	25.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

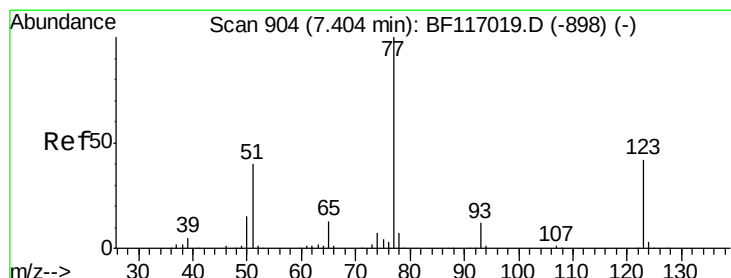
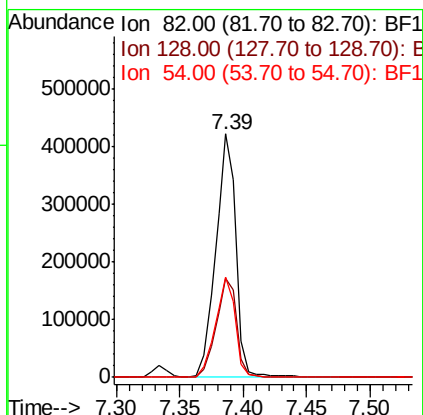
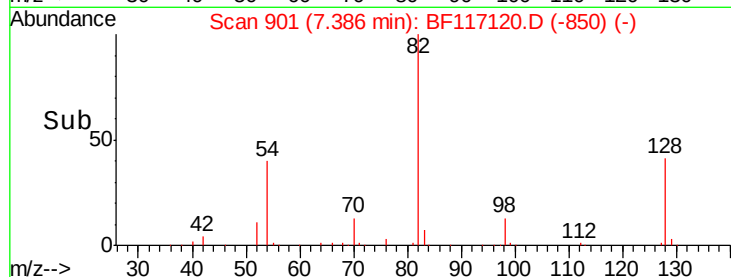
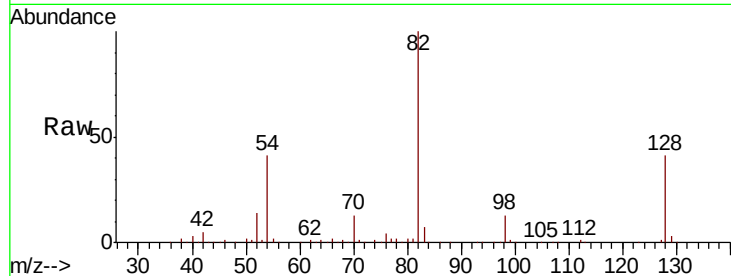




#23
 Nitrobenzene-d5
 Concen: 103.050 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

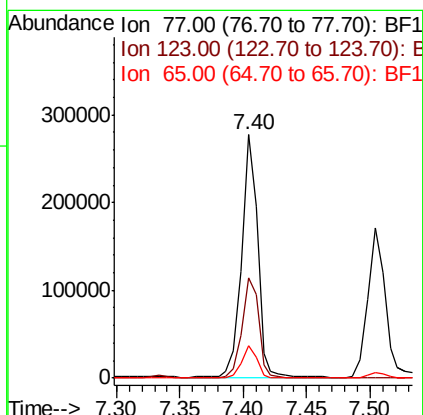
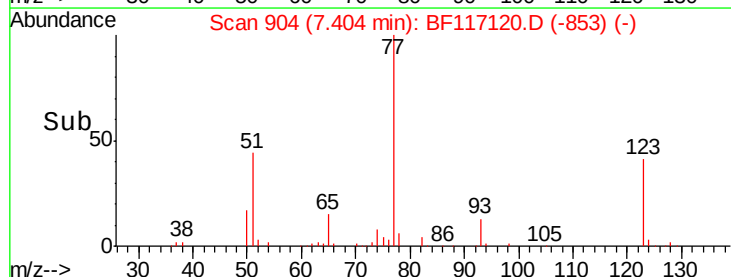
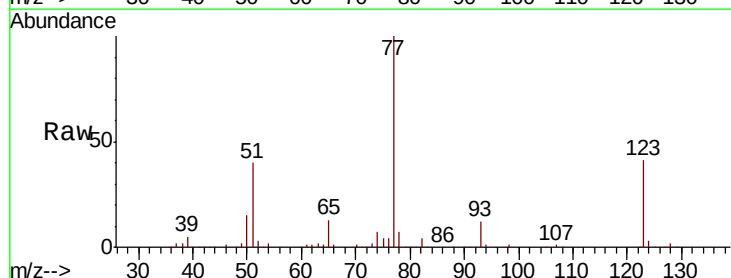
Instrument :
 BNA_F
 ClientSampleId :

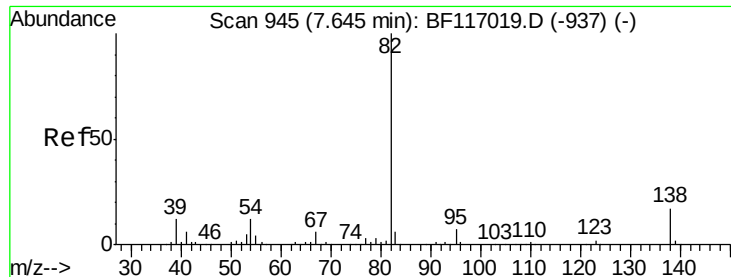
Tot Ion	82	Resp	470347
Ion Ratio	100	Lower	Upper
128	40.9	32.3	48.5
54	41.3	33.3	49.9



#24
 Nitrobenzene
 Concen: 53.585 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	77	Resp	241527
Ion Ratio	100	Lower	Upper
123	41.3	33.5	50.3
65	13.2	10.5	15.7





#25

Isophorone

Concen: 53.516 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

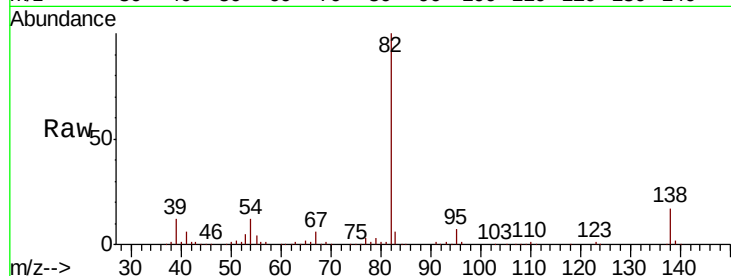
Tot Ion: 82 Resp: 432483

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

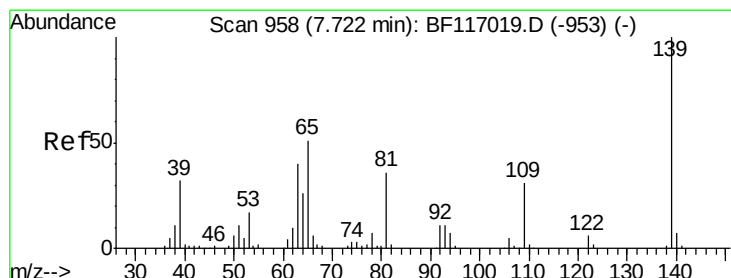
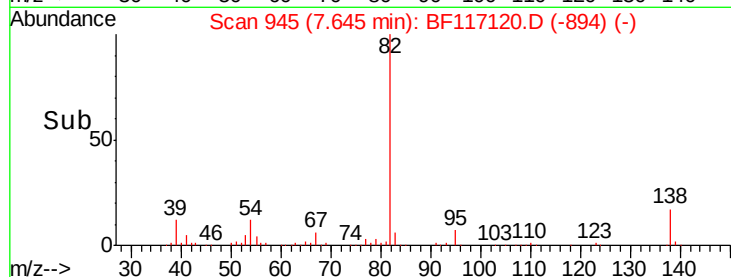
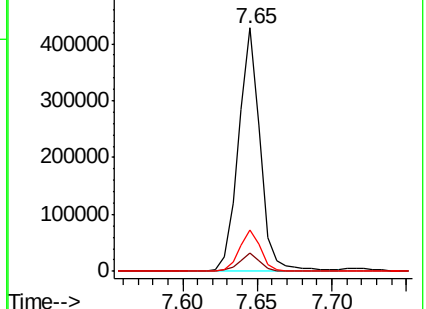
138 17.1 13.5 20.3



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: 55.814 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

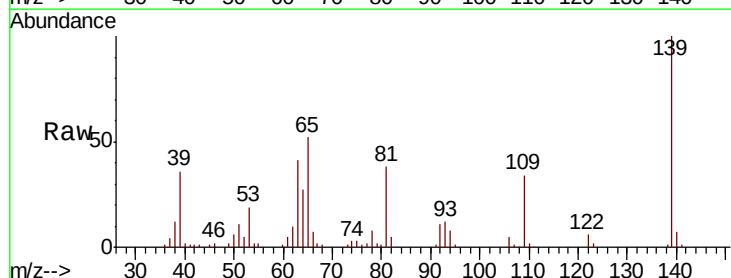
Tgt Ion: 139 Resp: 108061

Ion Ratio Lower Upper

139 100

109 34.0 24.6 36.8

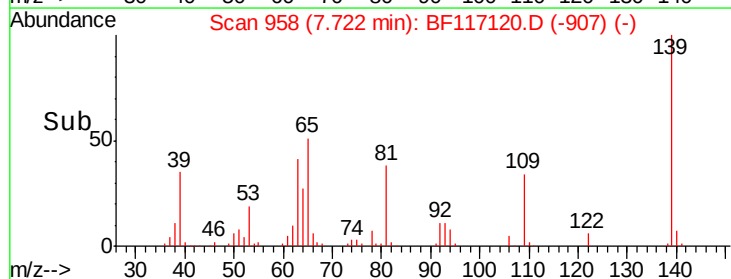
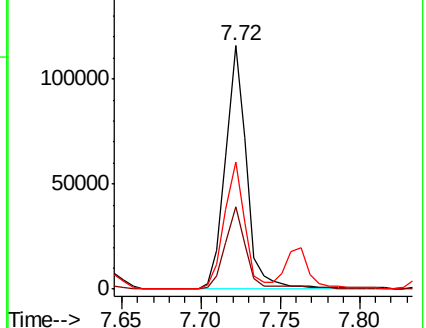
65 52.4 40.9 61.3

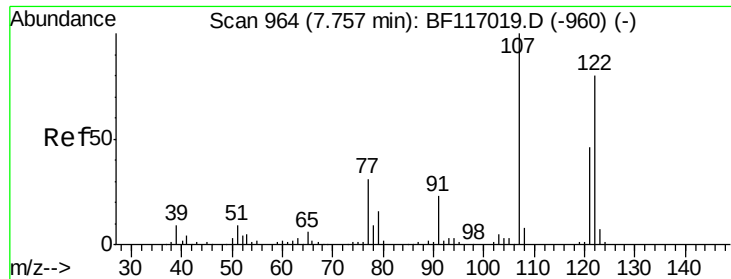


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

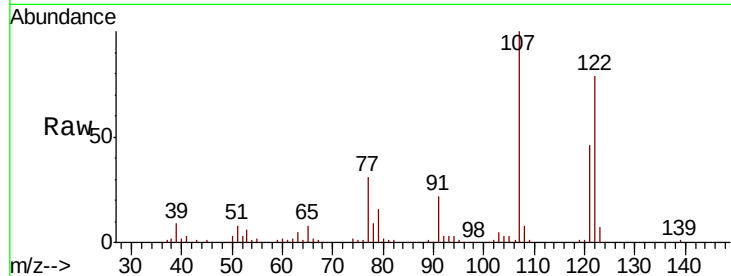




#27
2,4-Dimethylphenol
Concen: 60.165 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.1	98.9	148.3
121	57.7	45.3	67.9

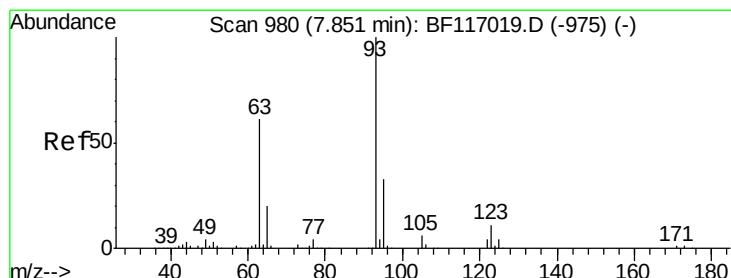
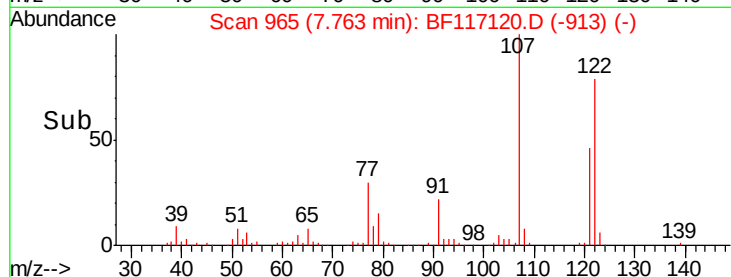
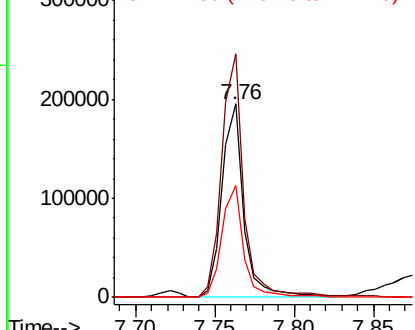


Abundance

Ion 122.00 (121.70 to 122.70): E

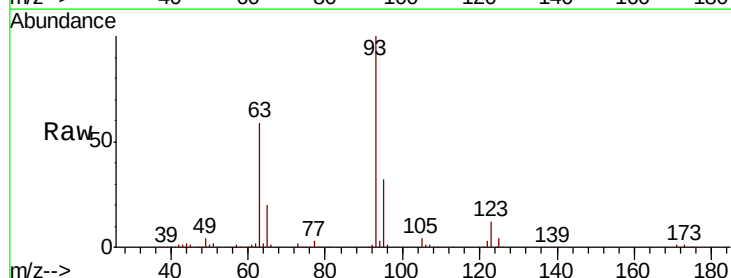
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 51.705 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	12.0	9.0	13.6

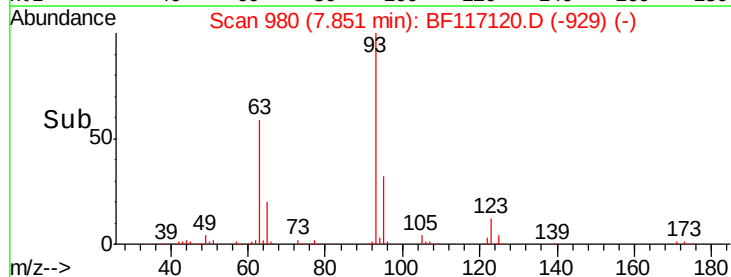
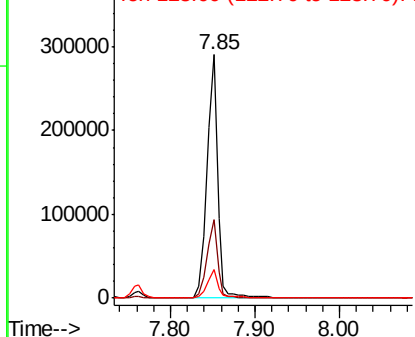


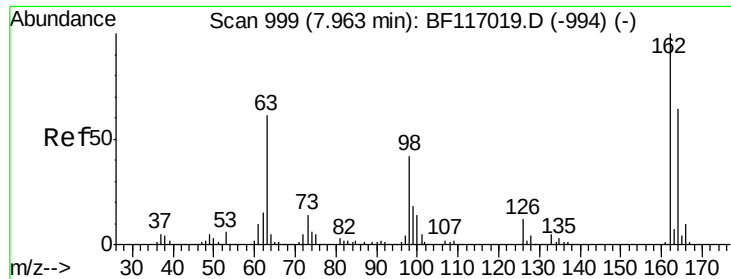
Abundance

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

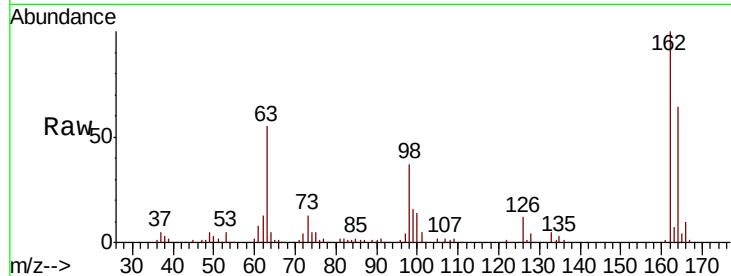




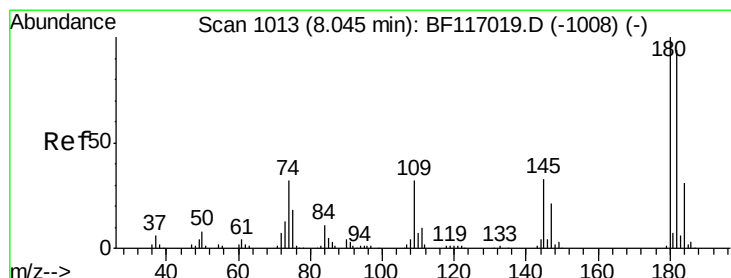
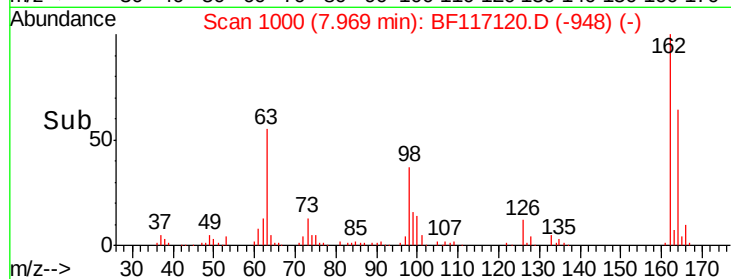
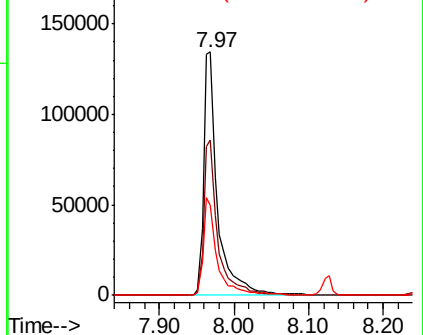
#29
 2,4-Dichlorophenol
 Concen: 55.433 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	36.9	22.1	62.1

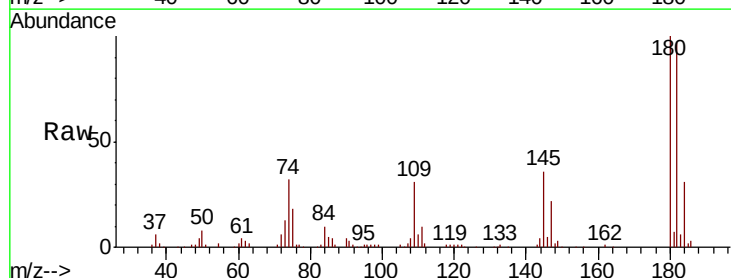


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

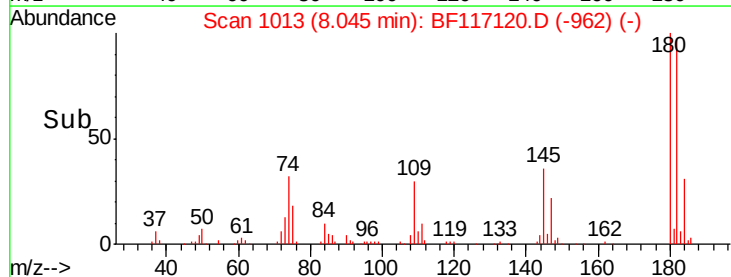
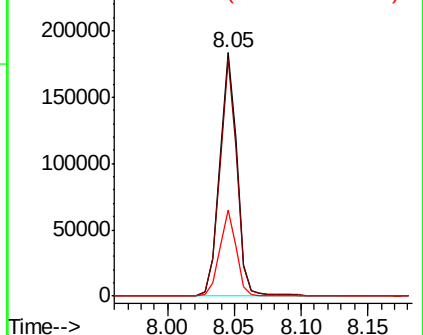


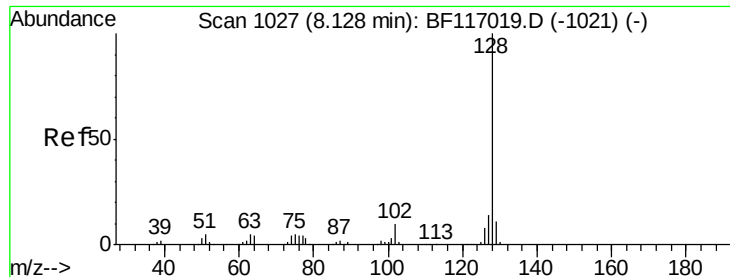
#30
 1,2,4-Trichlorobenzene
 Concen: 48.952 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.4	113.0
145	35.6	26.7	40.1



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

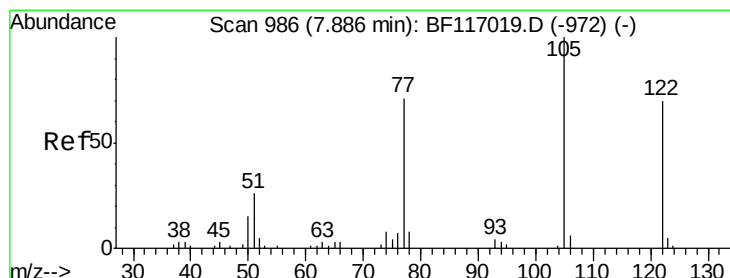
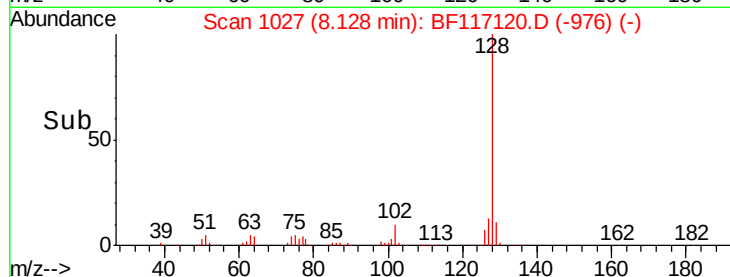
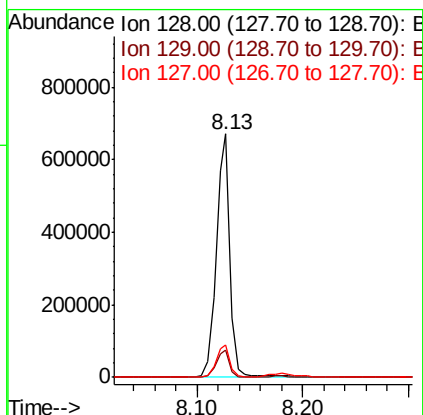
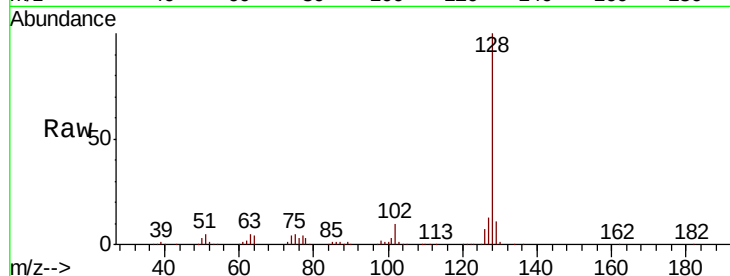




#31
Naphthalene
Concen: 53.424 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

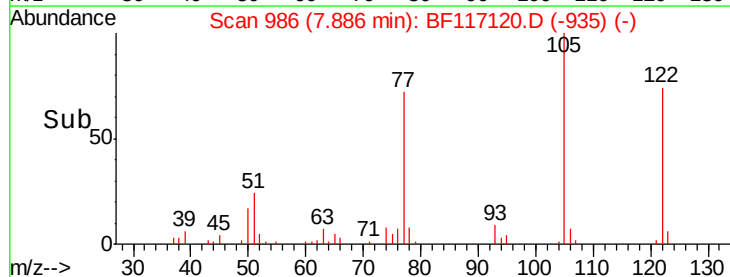
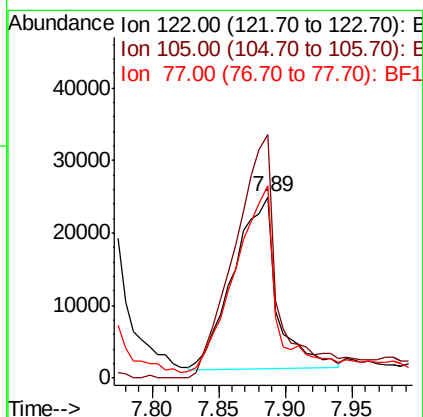
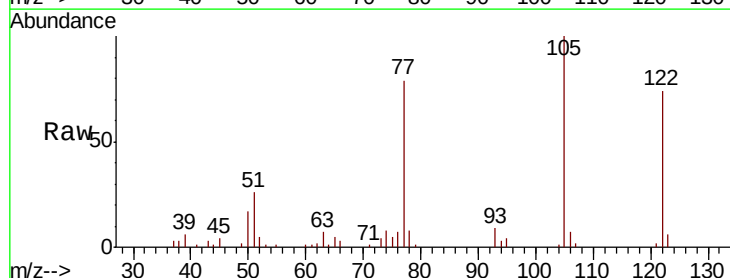
Instrument :
BNA_F
ClientSampleId :

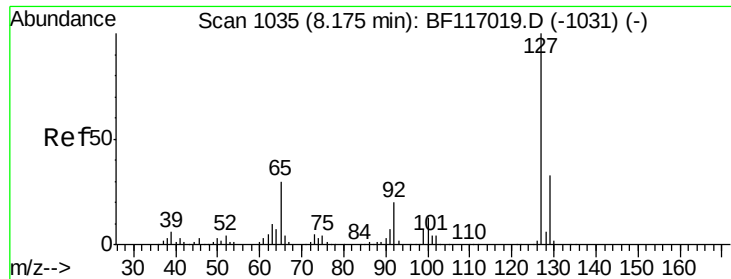
Tot Ion:128 Resp: 616177
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 26.783 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:122 Resp: 54258
Ion Ratio Lower Upper
122 100
105 134.3 114.8 154.8
77 105.9 78.7 118.7

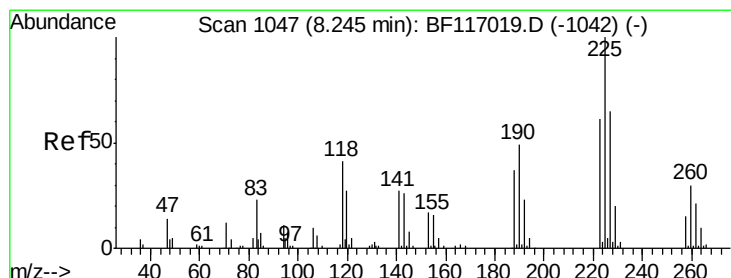
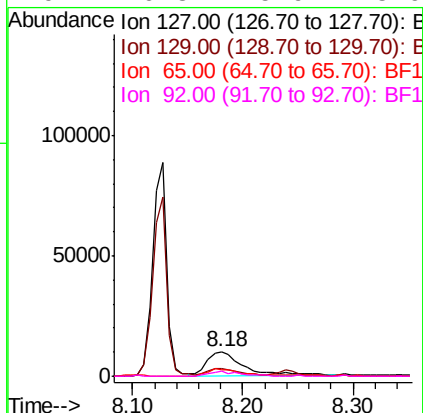
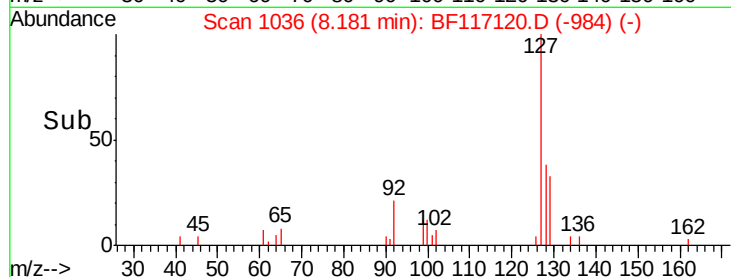
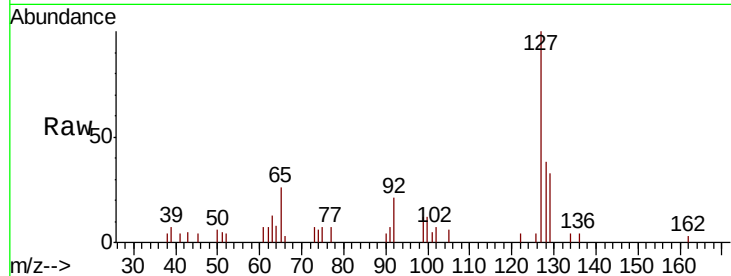




#33
4-Chloroaniline
Concen: 4.280 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

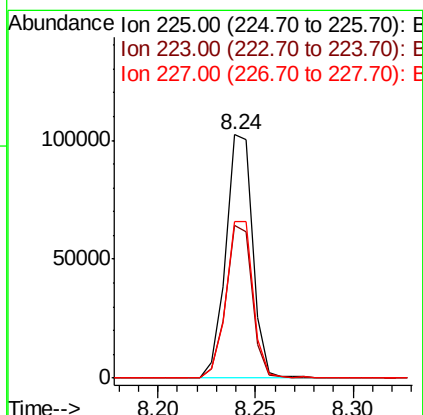
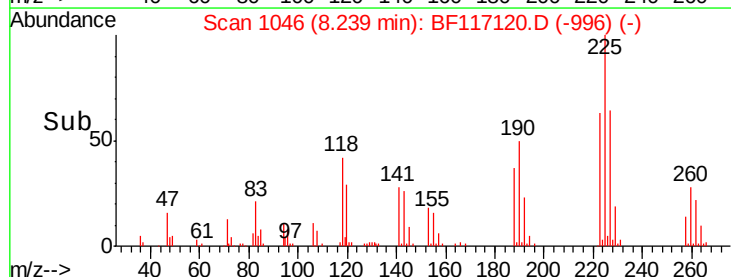
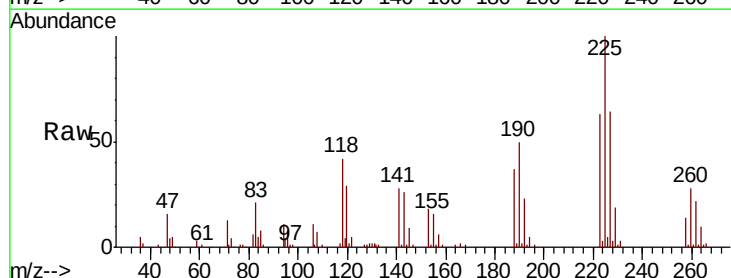
Instrument :
BNA_F
ClientSampleId :

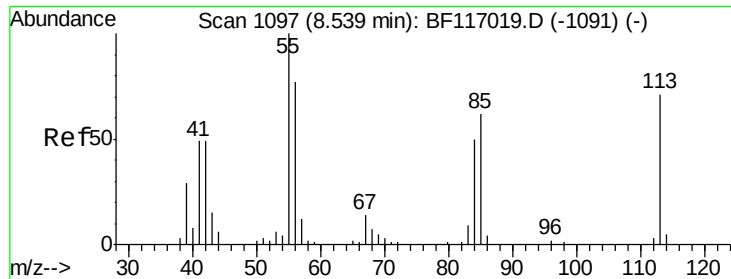
Tot Ion:	127	Resp:	21896
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	25.8	23.5	35.3
92	20.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 49.705 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:	225	Resp:	98013
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.1	73.7
227	64.4	52.2	78.2

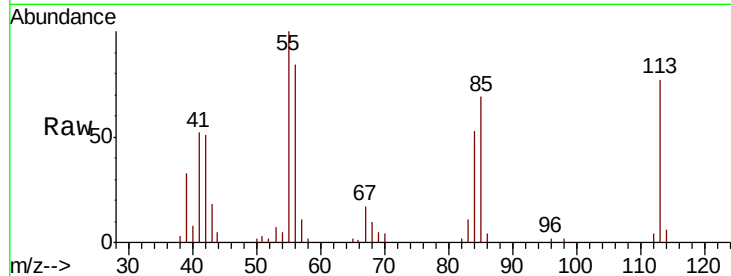




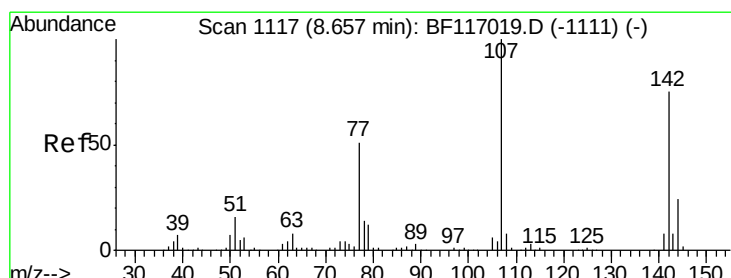
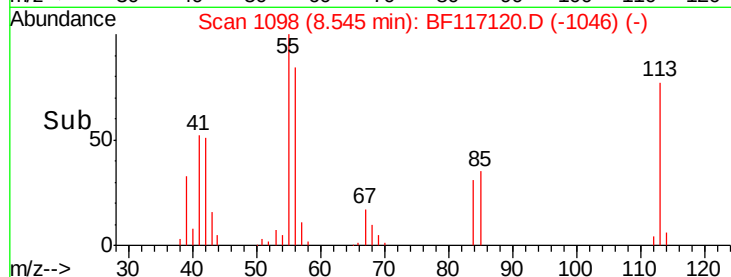
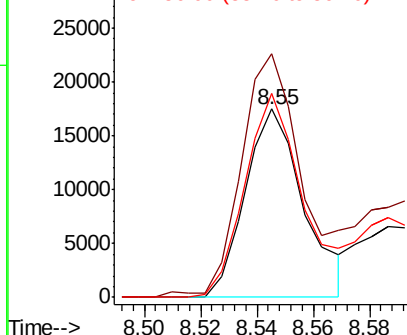
#35
Caprolactam
Concen: 23.021 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 25067
Ion Ratio Lower Upper
113 100
55 129.4 120.6 160.6
56 108.3 88.8 128.8

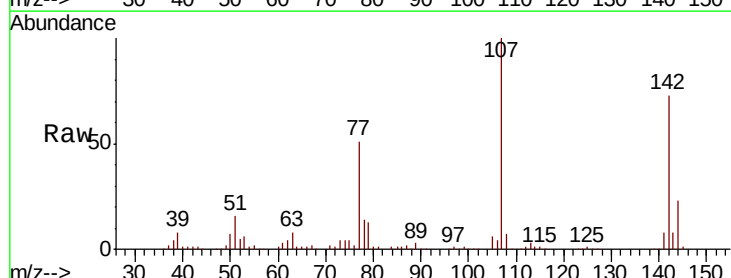


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

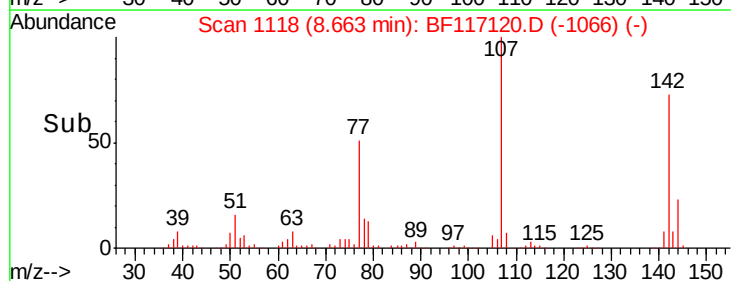
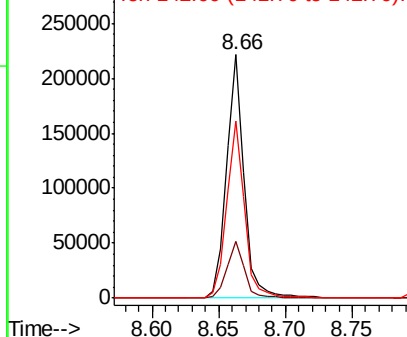


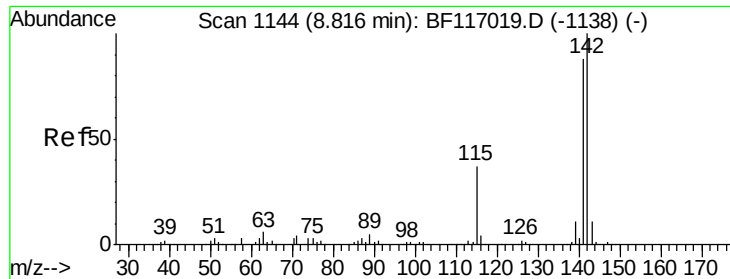
#36
4-Chloro-3-methylphenol
Concen: 55.461 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:107 Resp: 208043
Ion Ratio Lower Upper
107 100
144 23.1 19.2 28.8
142 72.6 59.6 89.4



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

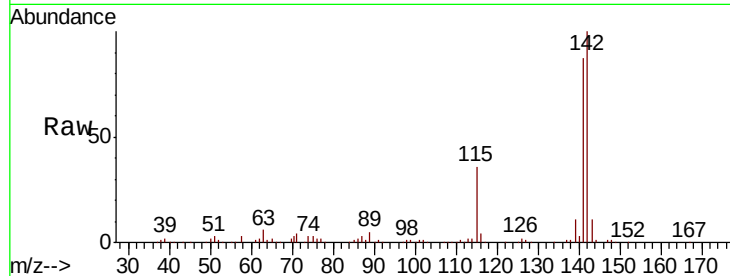




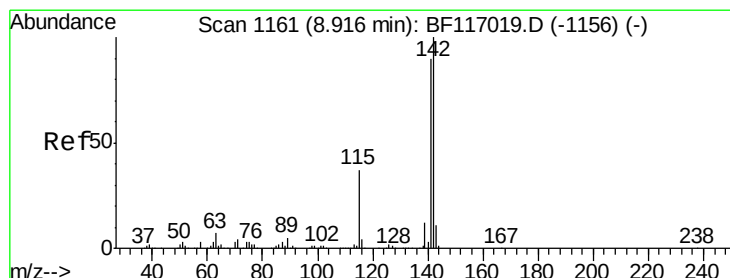
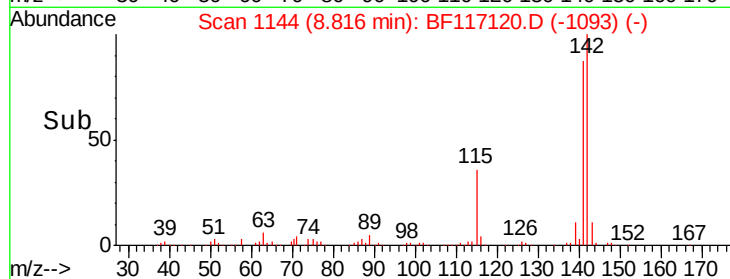
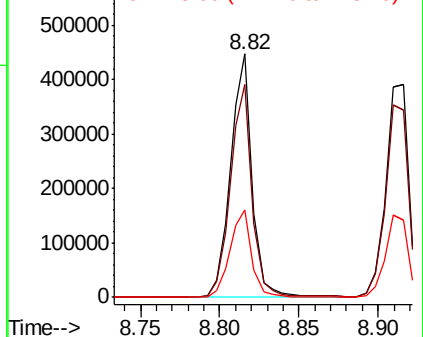
#37
2-Methylnaphthalene
Concen: 54.089 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 420093
Ion Ratio Lower Upper
142 100
141 87.3 70.7 106.1
115 35.8 29.4 44.0

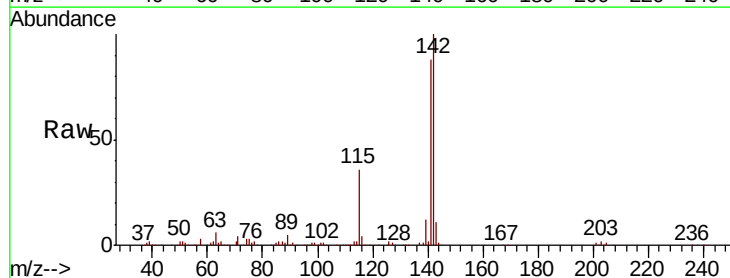


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

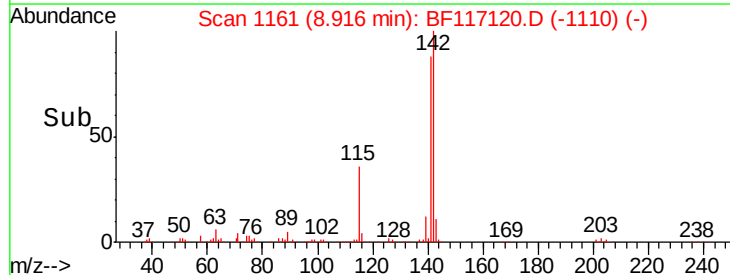
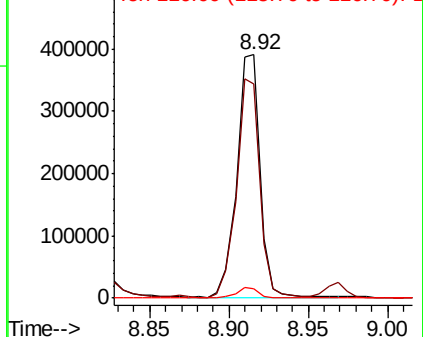


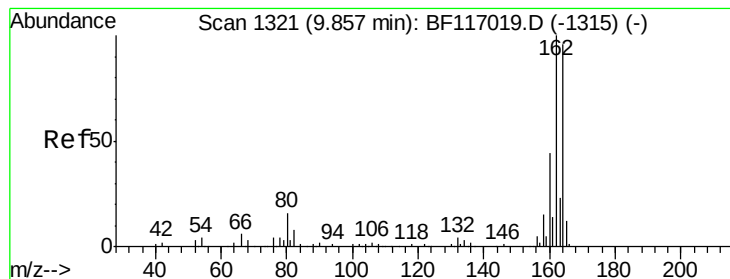
#38
1-Methylnaphthalene
Concen: 53.944 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:142 Resp: 392401
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9
116 3.6 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

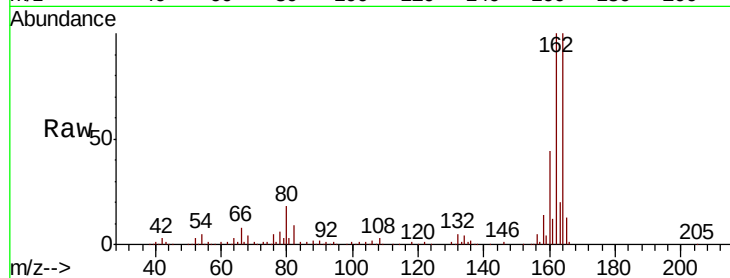
Tot Ion:164 Resp: 124576

Ion Ratio Lower Upper

164 100

162 99.5 83.4 125.2

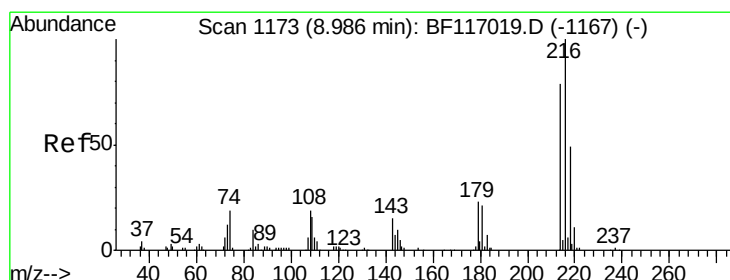
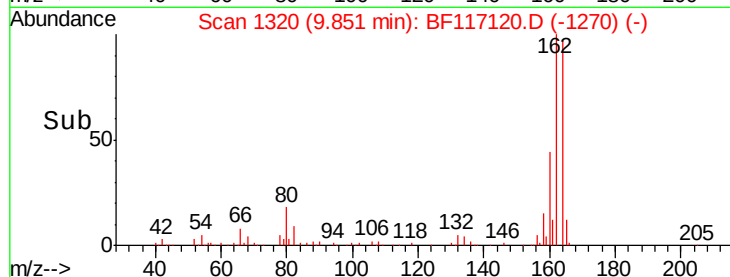
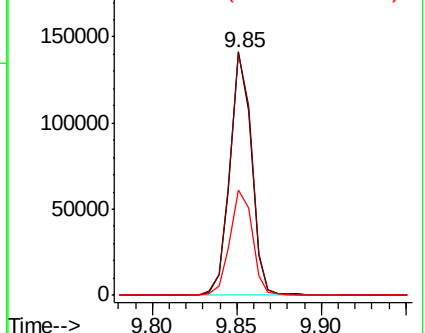
160 43.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.286 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:216 Resp: 164981

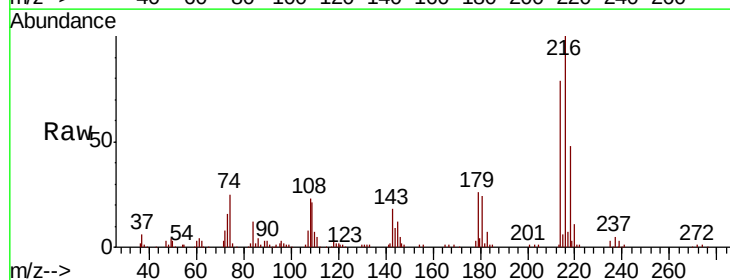
Ion Ratio Lower Upper

216 100

214 78.3 63.6 95.4

179 24.0 18.3 27.5

108 24.1 17.8 26.6

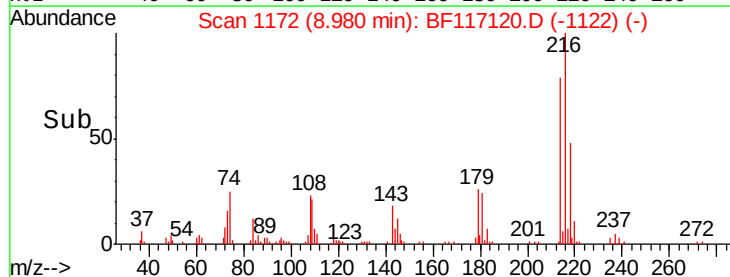
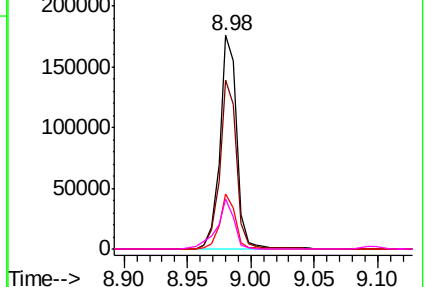


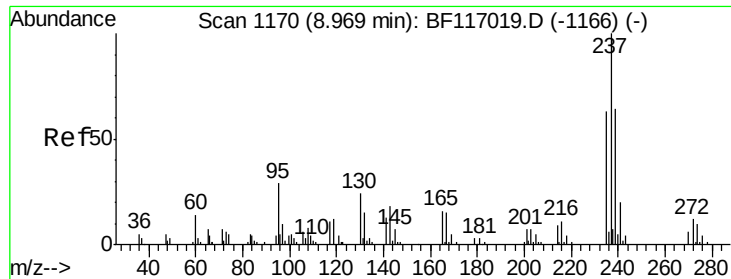
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

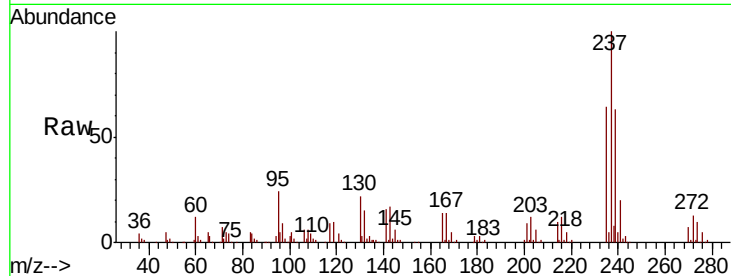




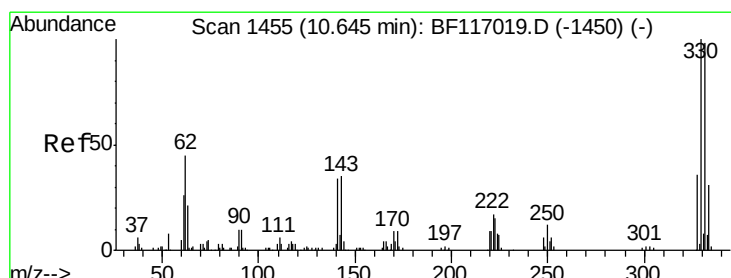
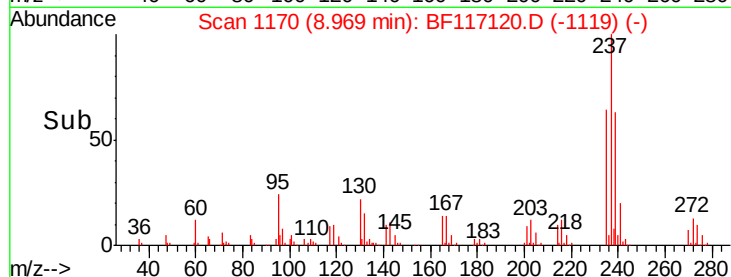
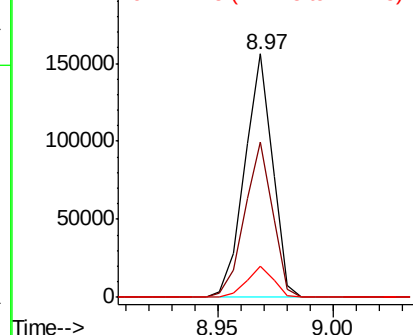
#41
Hexachlorocyclopentadiene
Concen: 91.297 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.2	83.2
272	12.8	0.0	31.9

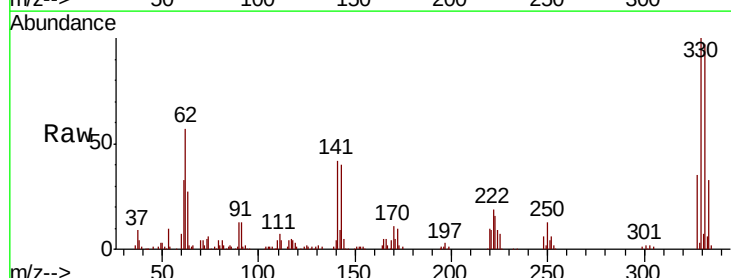


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

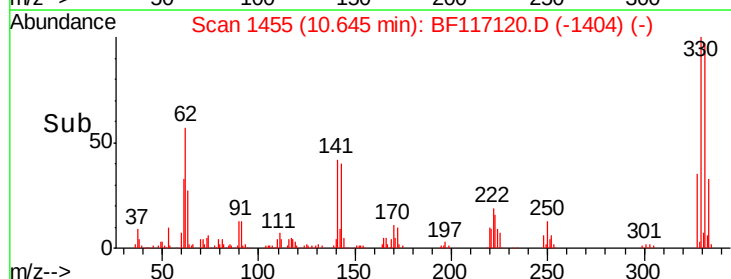
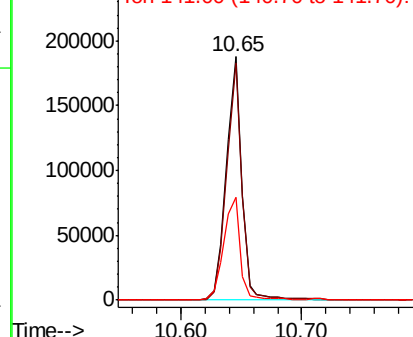


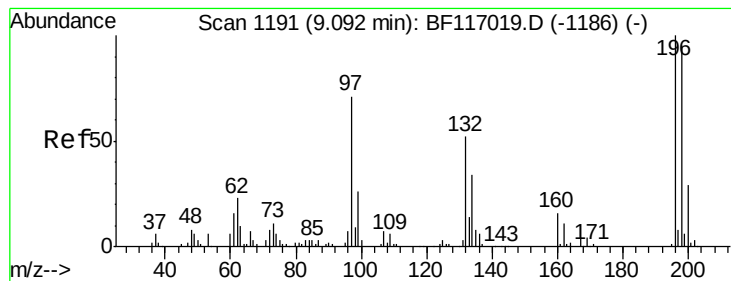
#42
2,4,6-Tribromophenol
Concen: 160.886 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	44.8	35.8	53.6



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





#43

2,4,6-Trichlorophenol

Concen: 53.671 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampled :

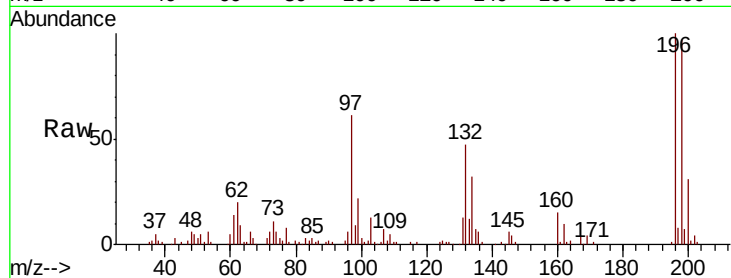
Tot Ion:196 Resp: 117167

Ion Ratio Lower Upper

196 100

198 96.8 75.7 113.5

200 30.6 23.3 34.9

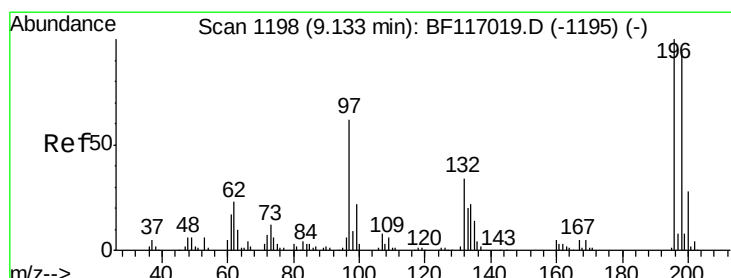
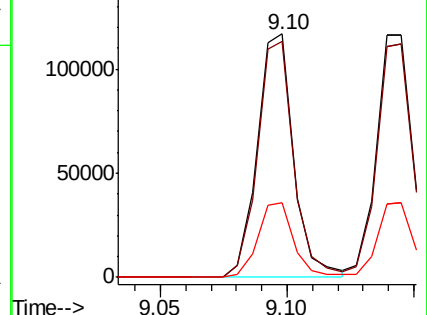
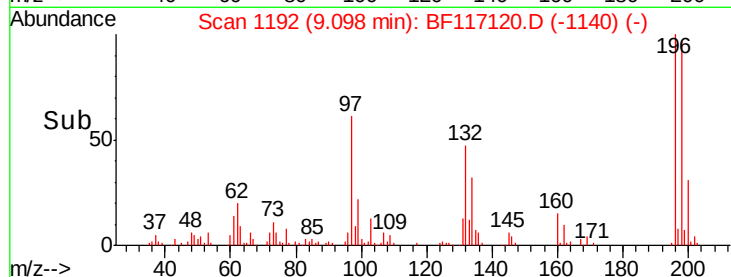


Abundance

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: 54.238 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:196 Resp: 126506

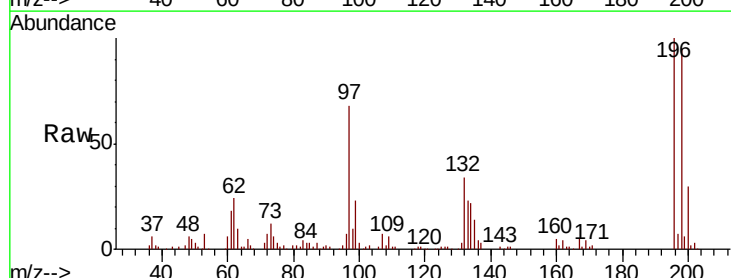
Ion Ratio Lower Upper

196 100

198 95.1 74.6 112.0

97 67.8 49.5 74.3

132 33.7 27.4 41.2



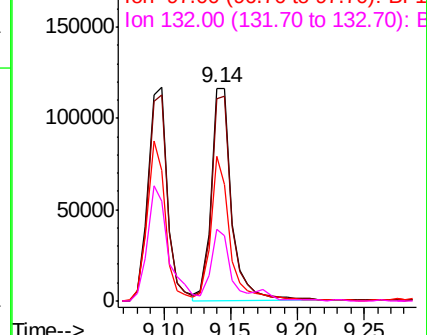
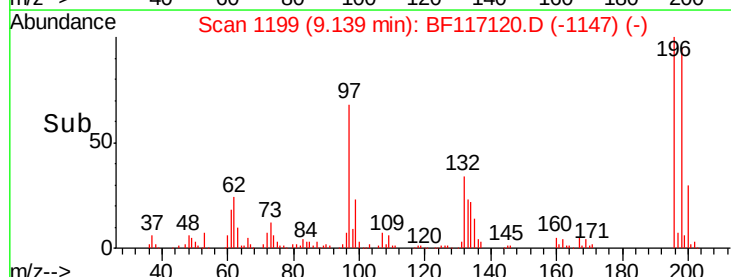
Abundance

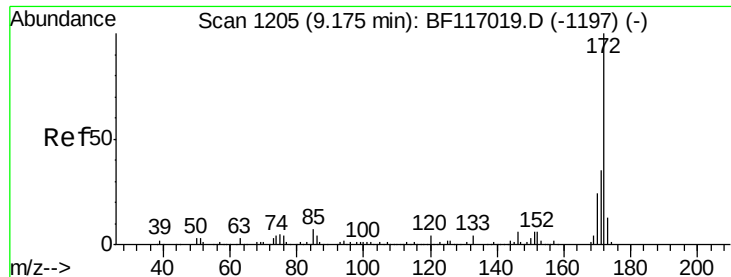
Ion 196.00 (195.70 to 196.70): E

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

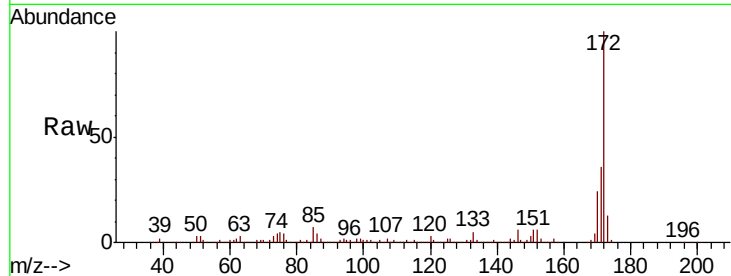




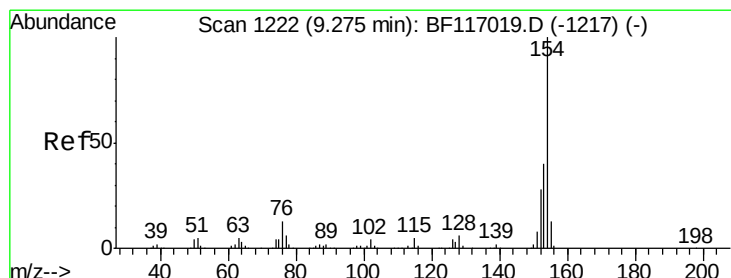
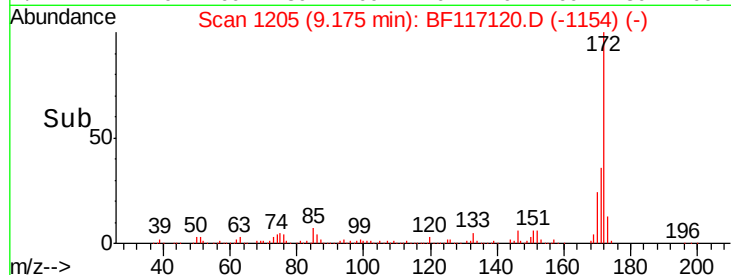
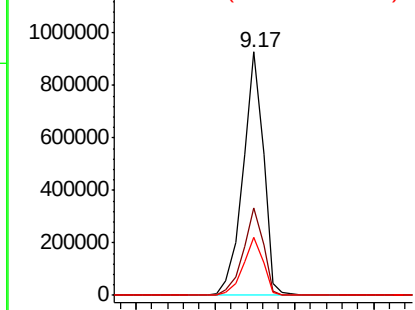
#45
 2-Fluorobiphenyl
 Concen: 103.868 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 827554
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 23.9 18.9 28.3

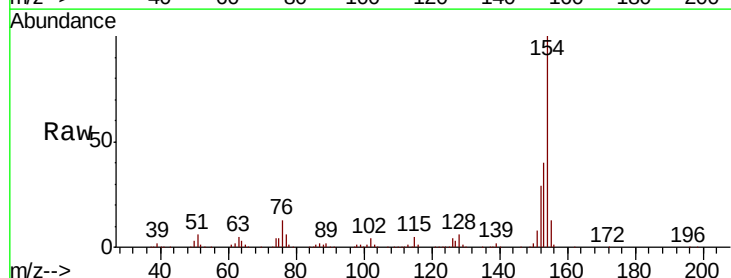


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

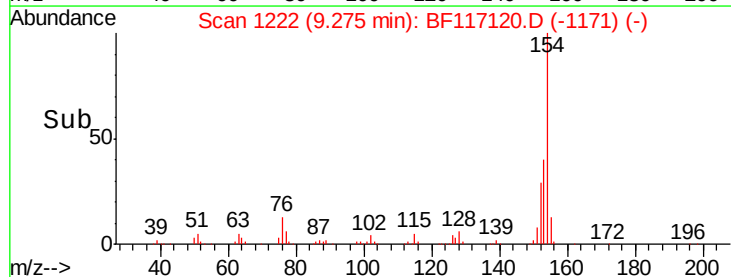
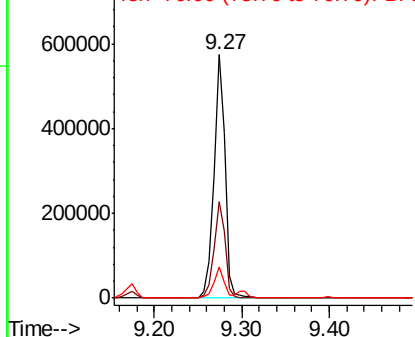


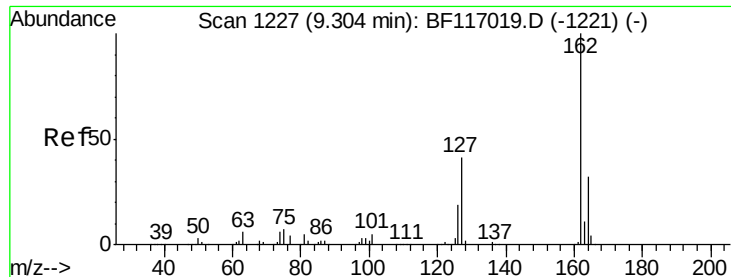
#46
 1,1'-Biphenyl
 Concen: 52.171 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion:154 Resp: 509802
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.0 60.0
 76 12.7 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

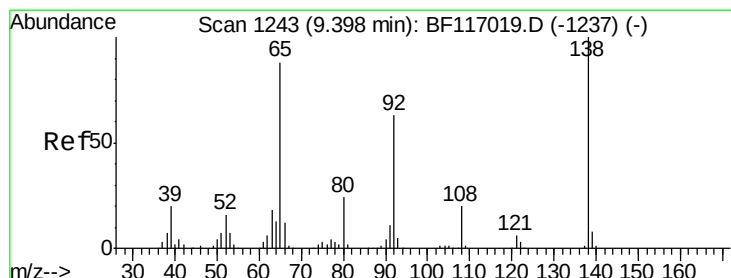
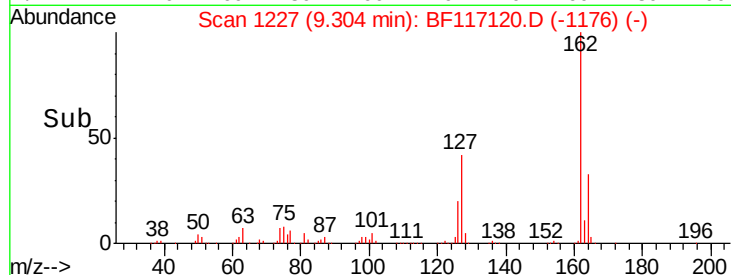
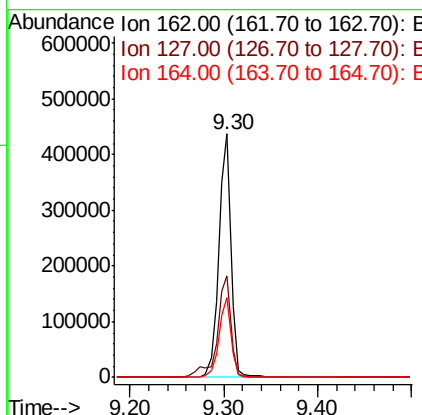
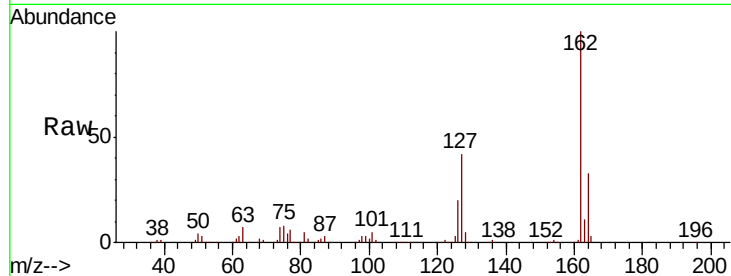




#47
 2-Chloronaphthalene
 Concen: 51.836 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

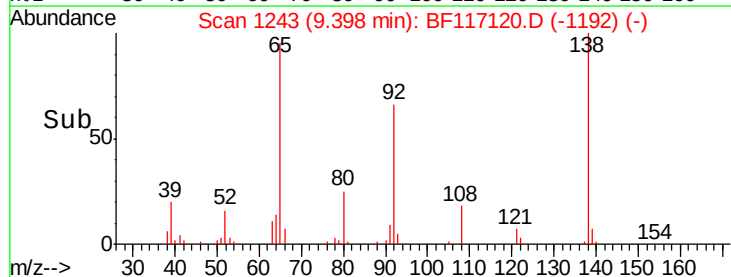
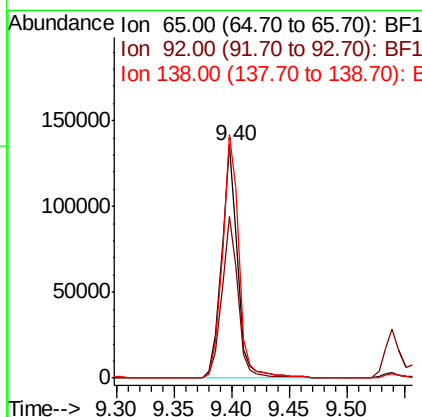
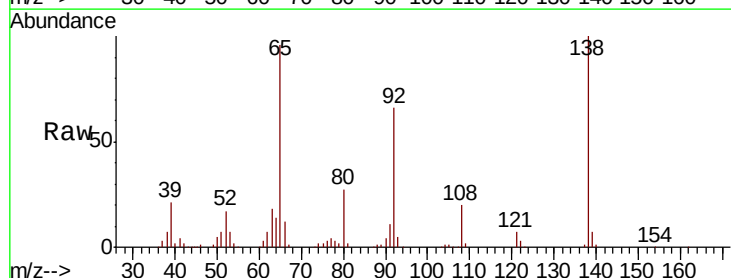
Instrument :
 BNA_F
 ClientSampled :

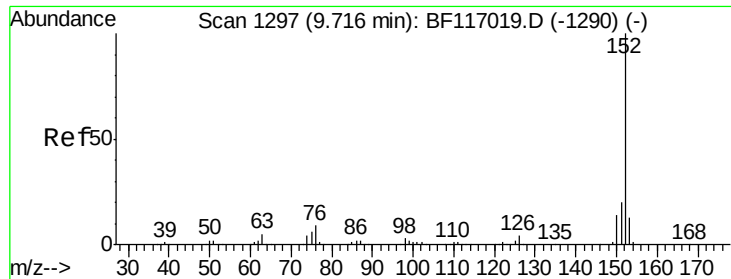
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.1	51.1
164	32.9	25.9	38.9



#48
 2-Nitroaniline
 Concen: 52.556 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	57.5	86.3
138	104.5	90.6	136.0





#49

Acenaphthylene

Concen: 54.781 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampled :

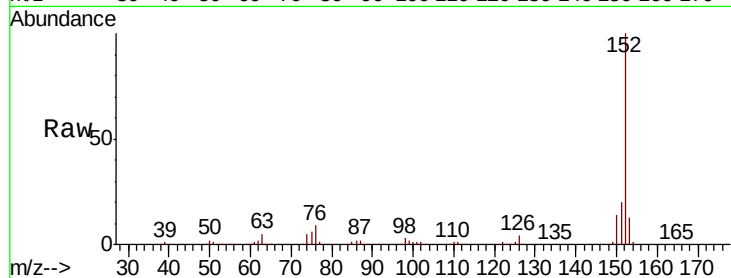
Tot Ion:152 Resp: 632887

Ion Ratio Lower Upper

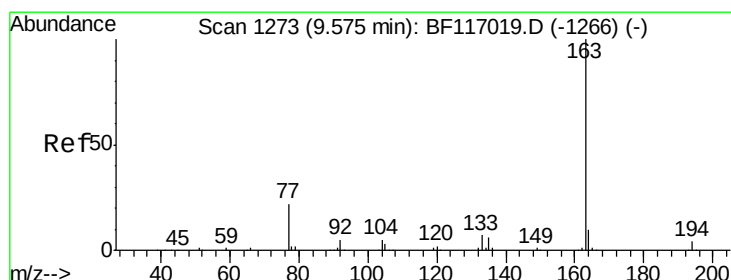
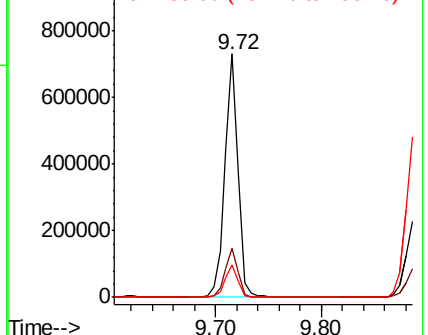
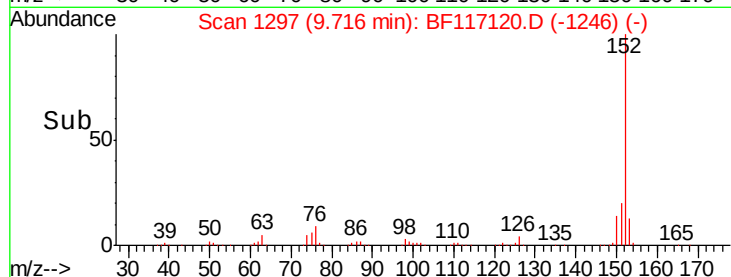
152 100

151 20.2 16.2 24.2

153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.925 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

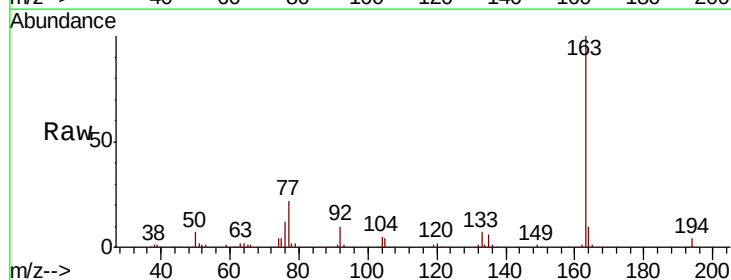
Tgt Ion:163 Resp: 484475

Ion Ratio Lower Upper

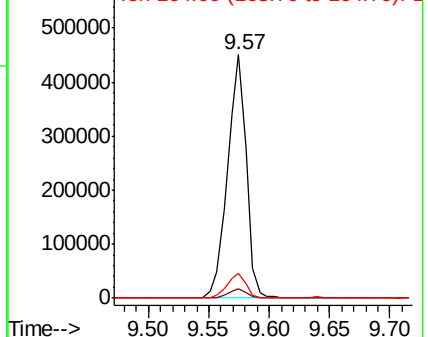
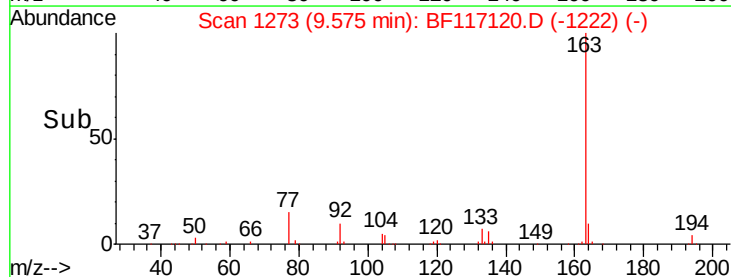
163 100

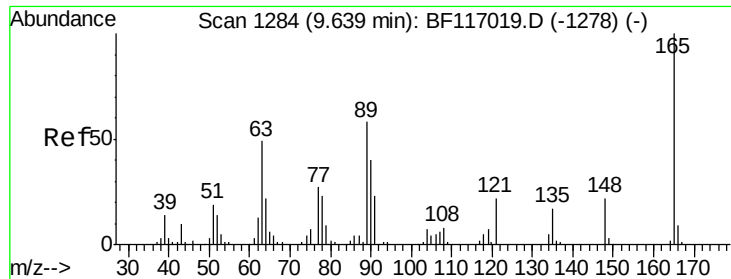
194 3.7 2.9 4.3

164 10.2 8.2 12.4



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

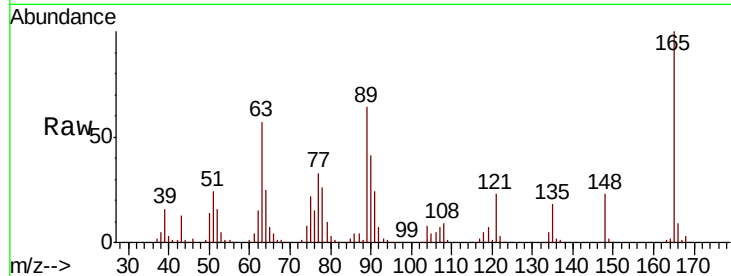




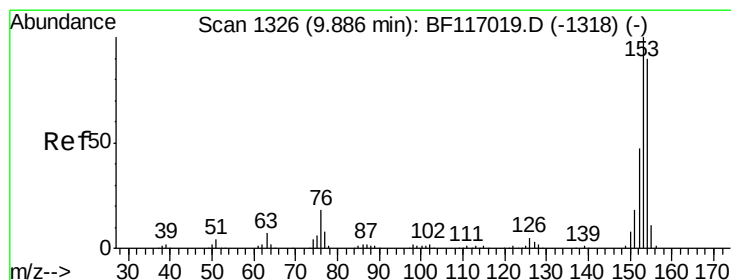
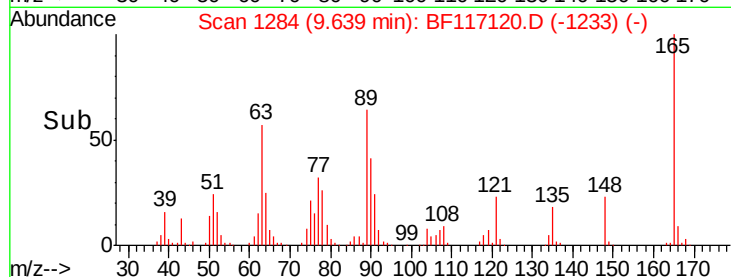
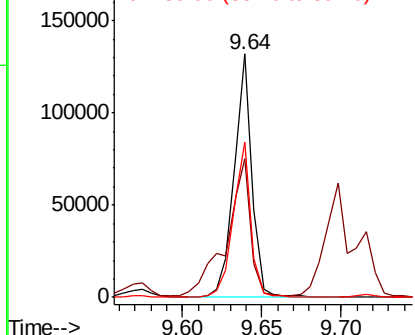
#51
2,6-Dinitrotoluene
Concen: 57.587 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 103454
Ion Ratio Lower Upper
165 100
63 56.9 41.8 62.8
89 63.9 46.5 69.7

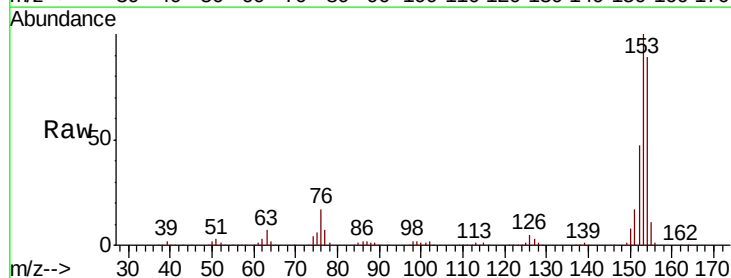


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

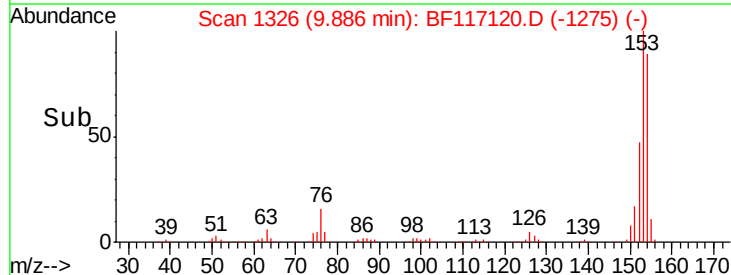
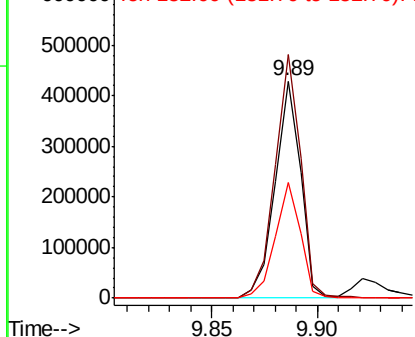


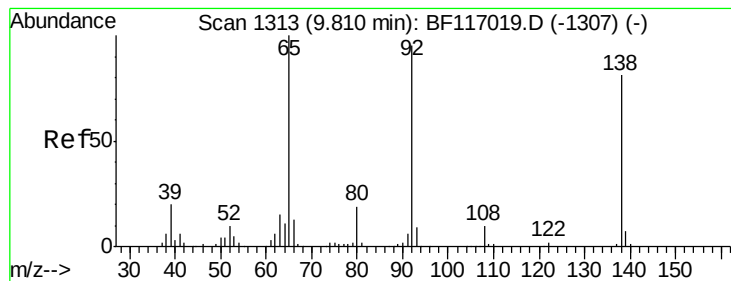
#52
Acenaphthene
Concen: 52.907 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:154 Resp: 362330
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.6
152 53.1 41.9 62.9



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: 17.809 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

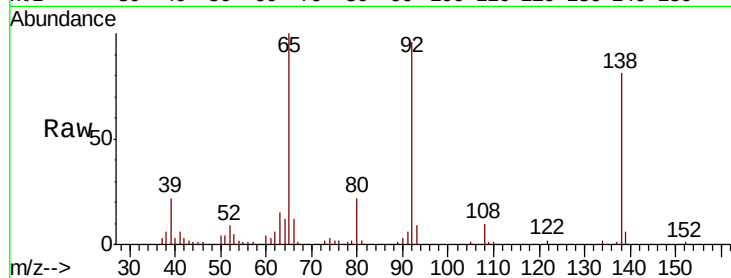
Tot Ion:138 Resp: 40366

Ion Ratio Lower Upper

138 100

108 12.5 9.5 14.3

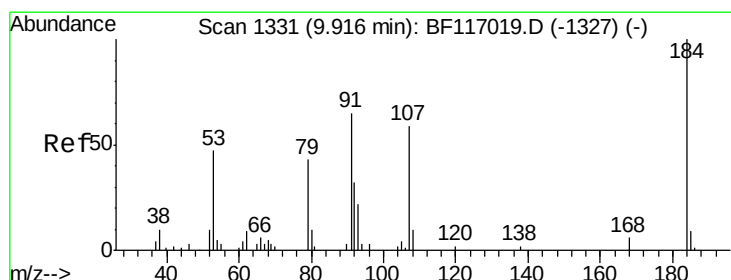
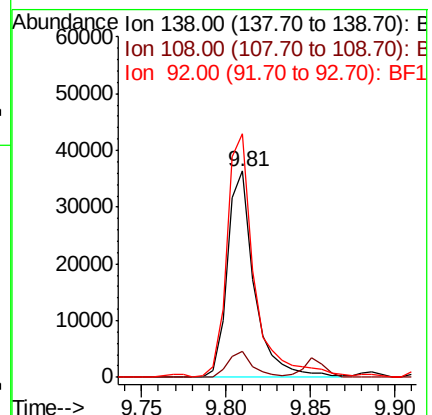
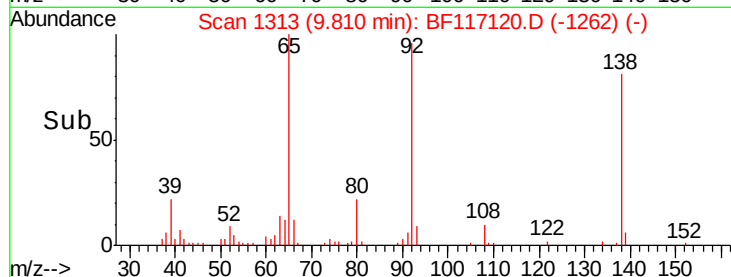
92 118.1 94.1 141.1



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: 76.718 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

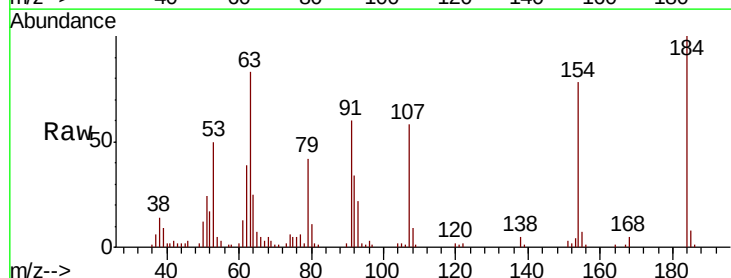
Tgt Ion:184 Resp: 59181

Ion Ratio Lower Upper

184 100

63 82.6 63.8 95.6

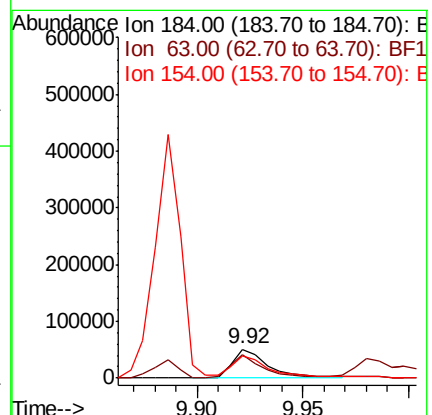
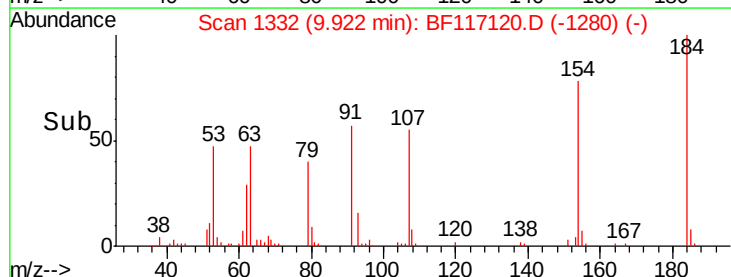
154 78.3 60.4 90.6

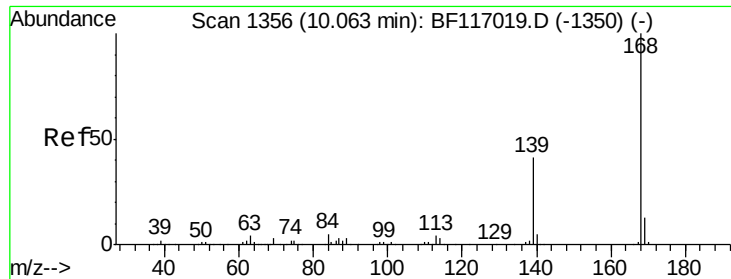


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

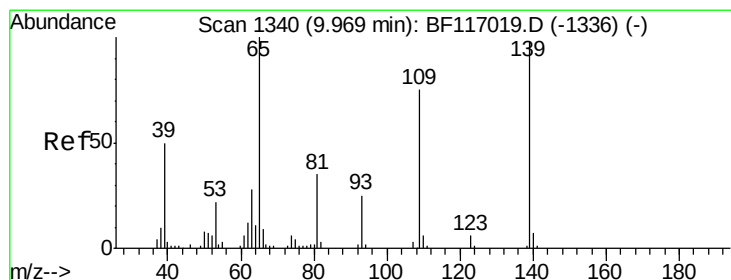
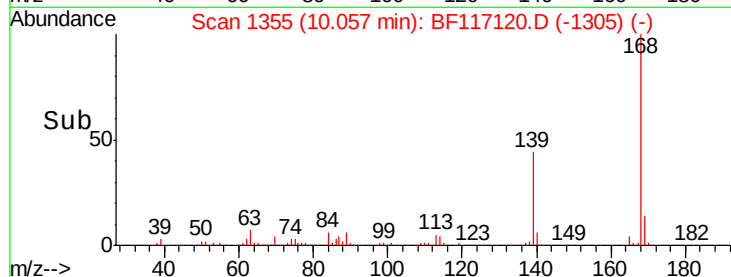
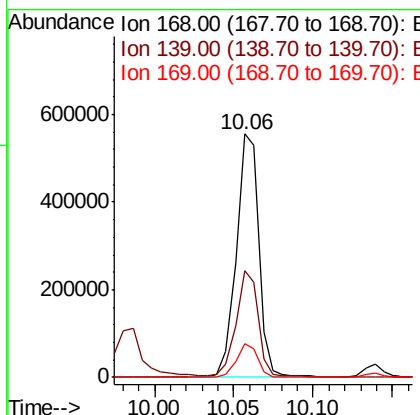
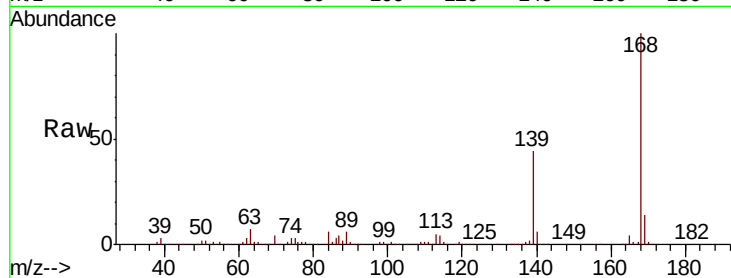




#55
Dibenzenofuran
Concen: 54.375 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

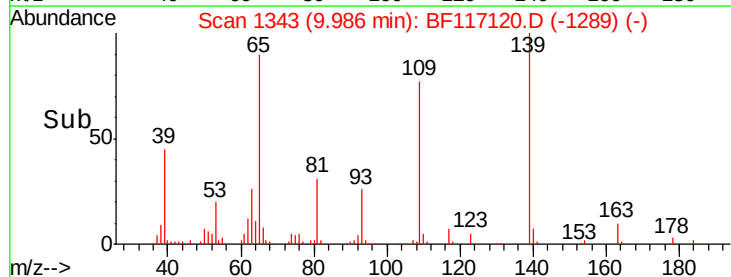
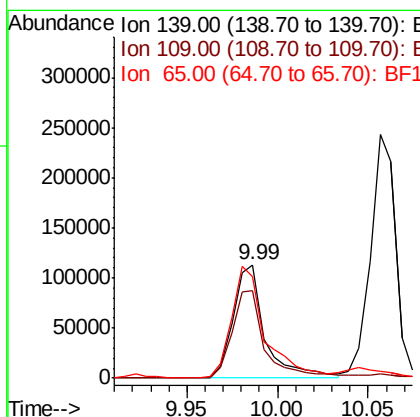
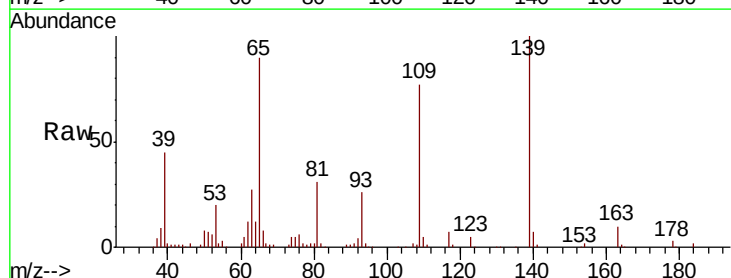
Instrument :
BNA_F
ClientSampleId :

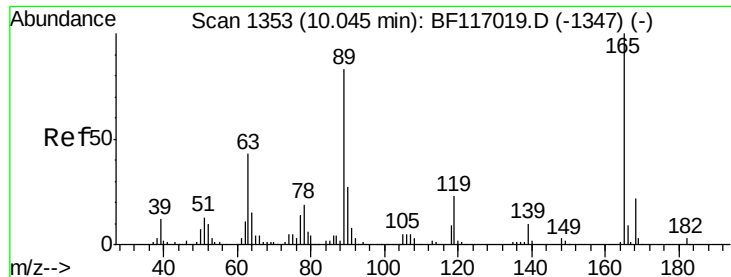
Tot Ion:168 Resp: 549429
Ion Ratio Lower Upper
168 100
139 43.7 32.8 49.2
169 13.9 10.5 15.7



#56
4-Nitrophenol
Concen: 94.161 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:139 Resp: 138324
Ion Ratio Lower Upper
139 100
109 77.1 56.4 96.4
65 89.9 82.5 122.5

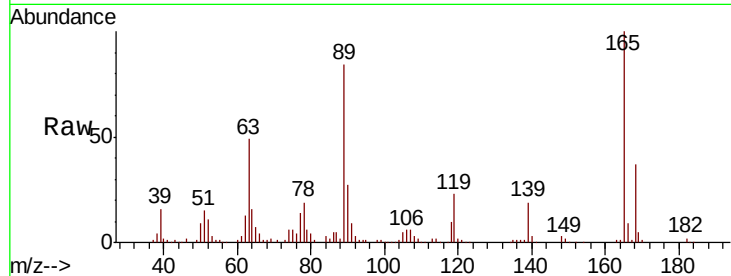




#57
2,4-Dinitrotoluene
Concen: 60.766 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	35.0	52.4
89	83.6	66.1	99.1
182	2.4	2.0	3.0



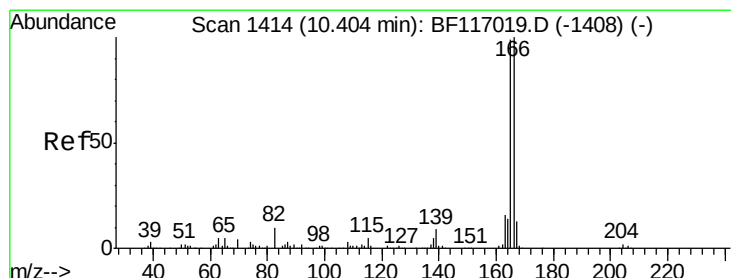
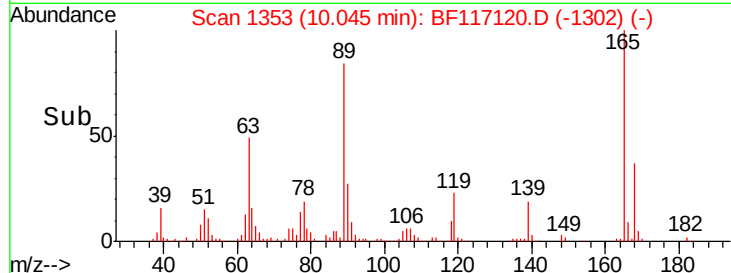
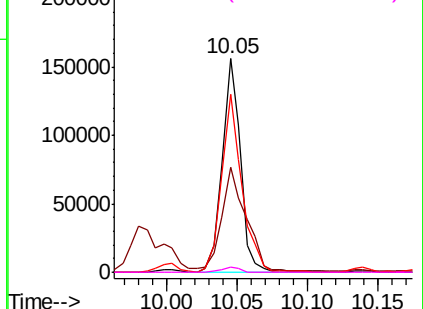
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

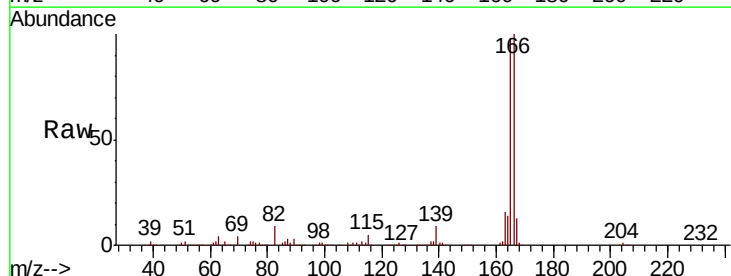
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 55.890 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.9	118.3
167	13.0	10.6	15.8

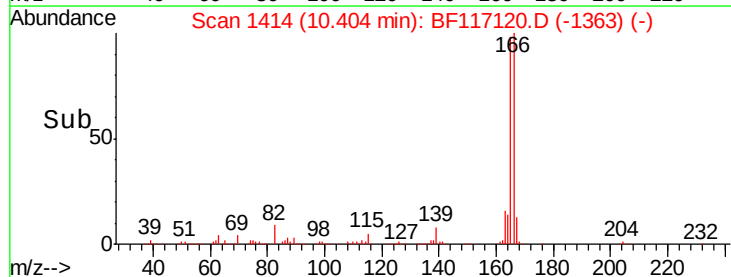
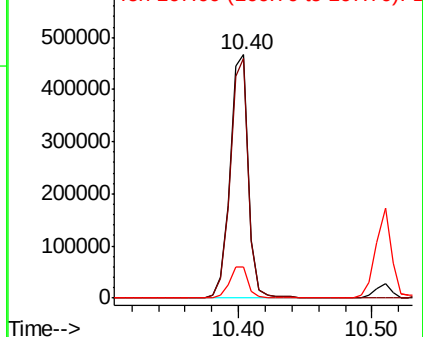


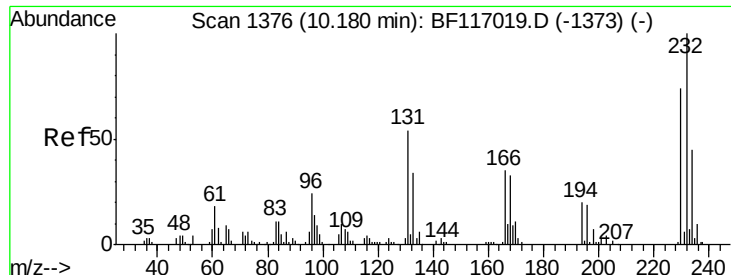
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.868 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 99717

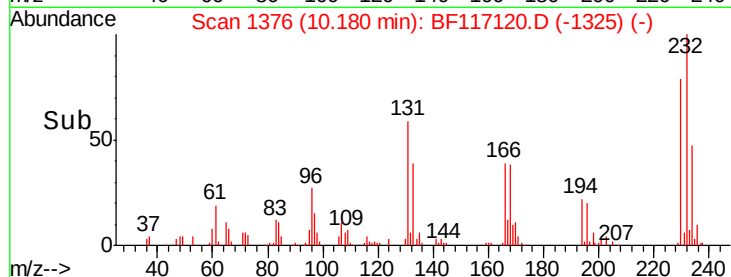
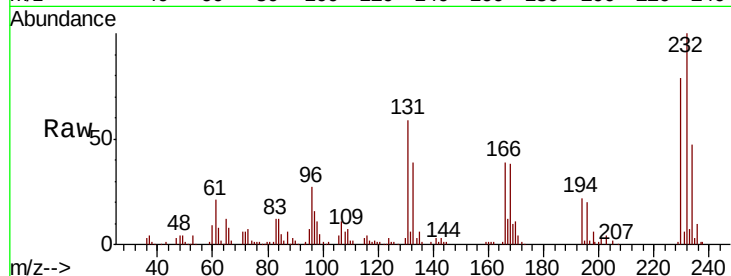
Ion Ratio Lower Upper

232 100

131 55.7 45.3 67.9

130 2.7 1.8 2.8

166 37.4 29.4 44.2

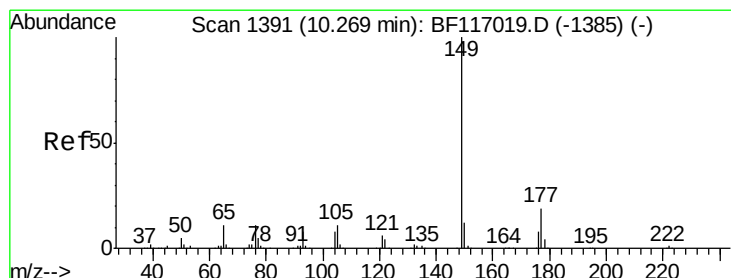
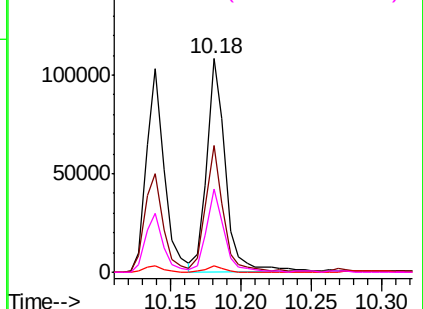


Abundance Ion 232.00 (231.70 to 232.70): E

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: 54.978 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

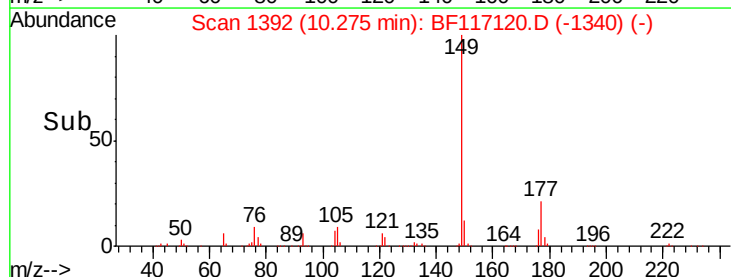
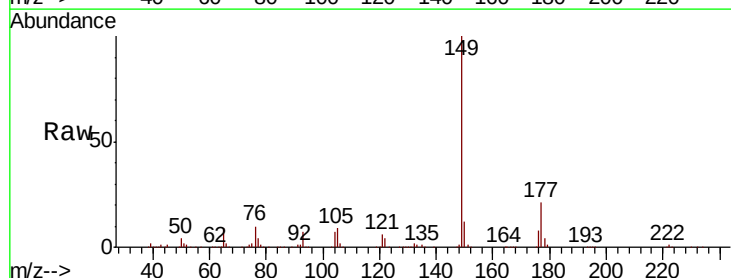
Tgt Ion:149 Resp: 477094

Ion Ratio Lower Upper

149 100

177 21.1 15.2 22.8

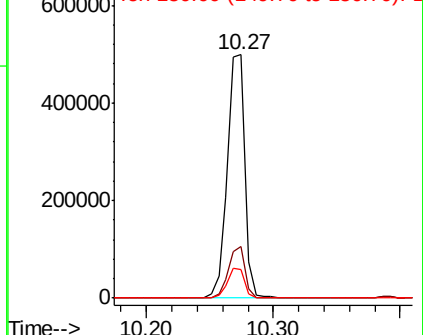
150 11.9 9.9 14.9

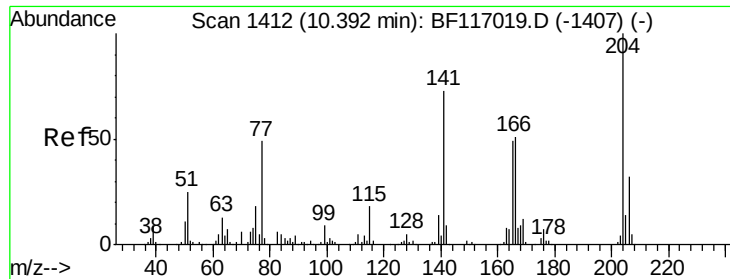


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

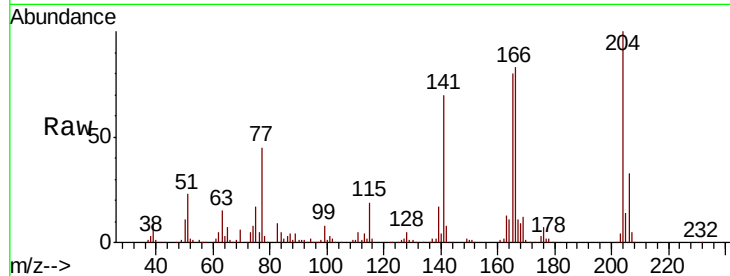




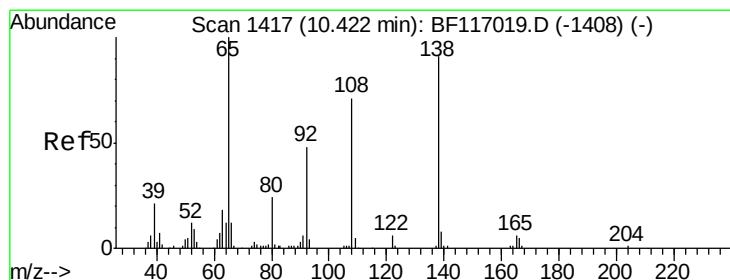
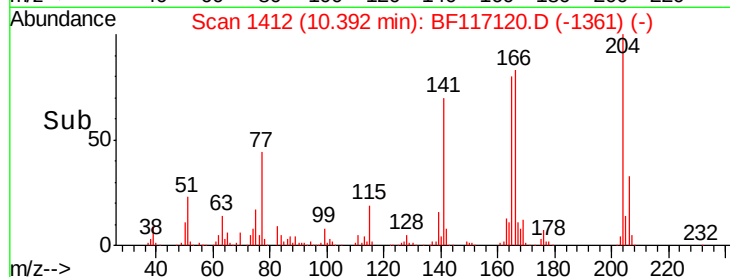
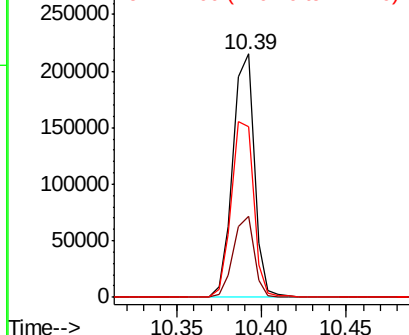
#61
4-Chlorophenyl-phenylether
Concen: 54.373 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 191482
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 69.8 58.2 87.2

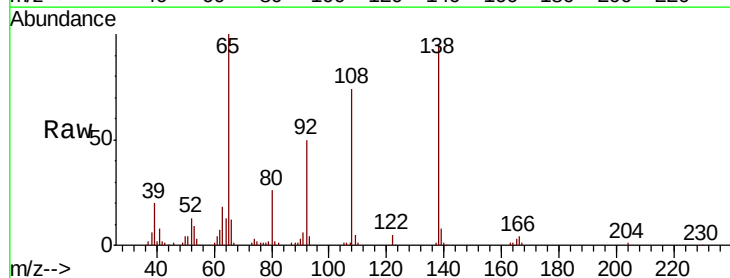


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

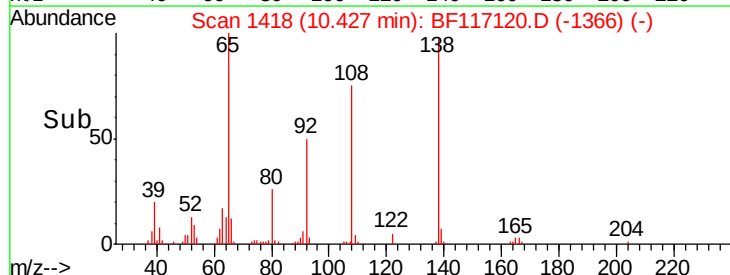
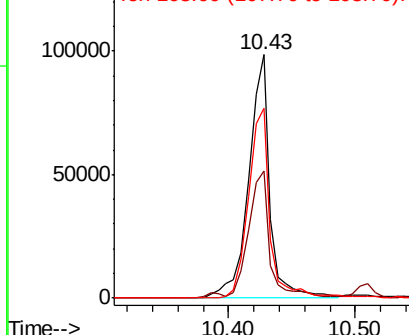


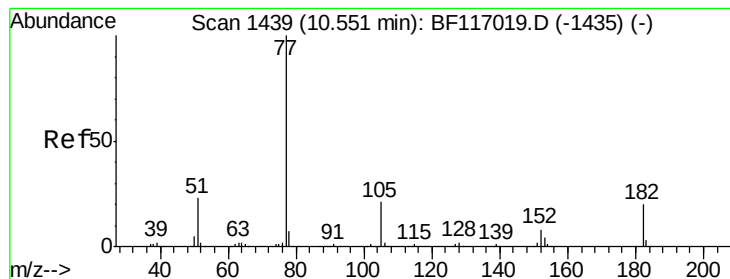
#62
4-Nitroaniline
Concen: 48.909 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:138 Resp: 115287
Ion Ratio Lower Upper
138 100
92 52.2 32.9 72.9
108 78.2 58.3 98.3



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: 54.759 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 485331

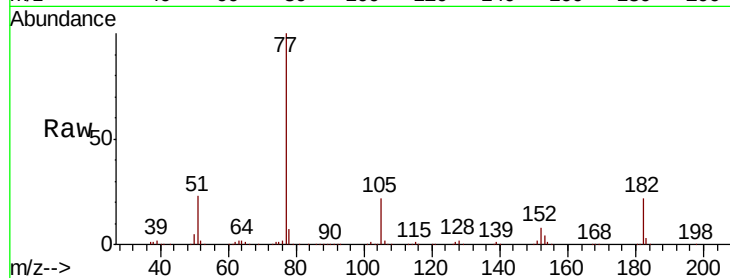
Ion Ratio Lower Upper

77 100

182 21.8 0.4 40.4

105 21.9 0.9 40.9

51 23.0 2.8 42.8

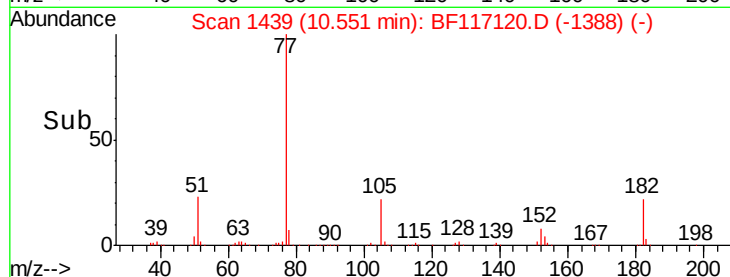


Abundance Ion 77.00 (76.70 to 77.70): BF1

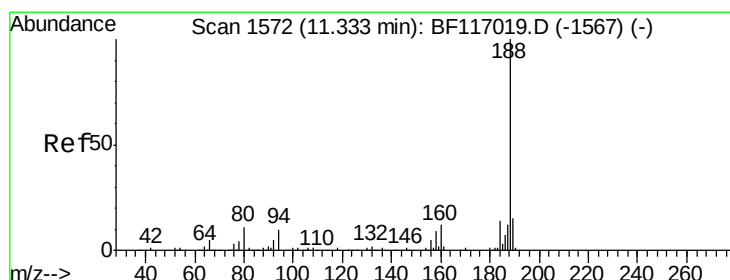
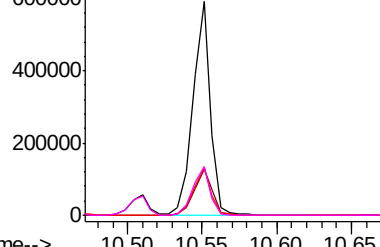
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

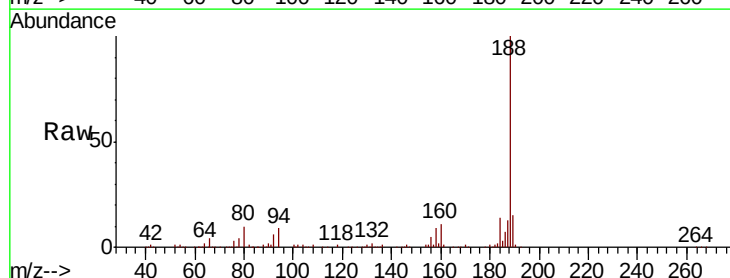
Tgt Ion: 188 Resp: 209740

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

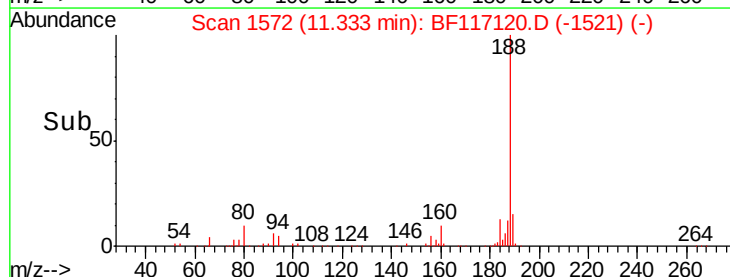
80 10.3 9.0 13.6



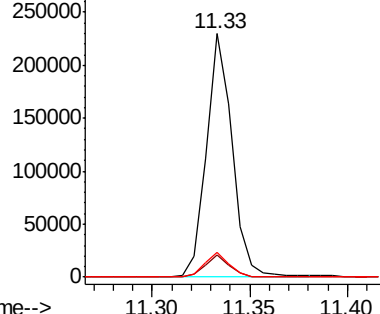
Abundance Ion 188.00 (187.70 to 188.70): BF1

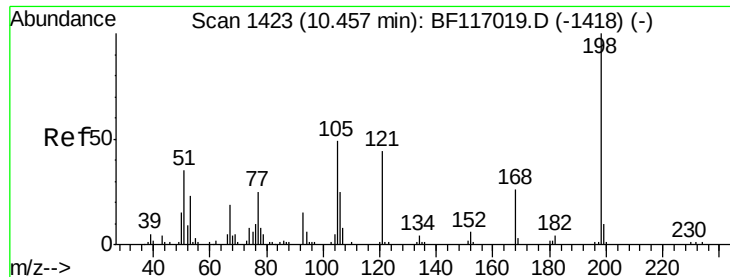
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

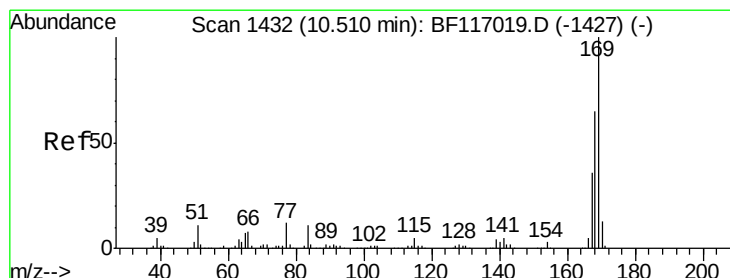
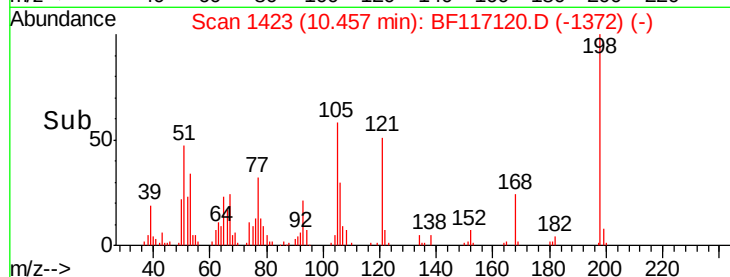
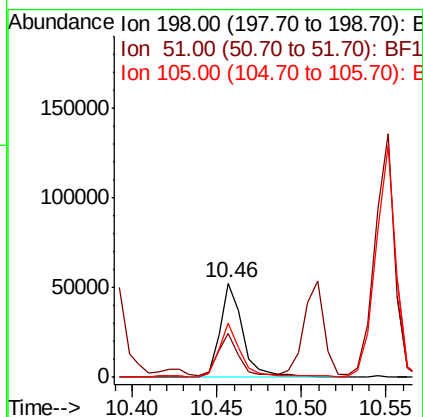
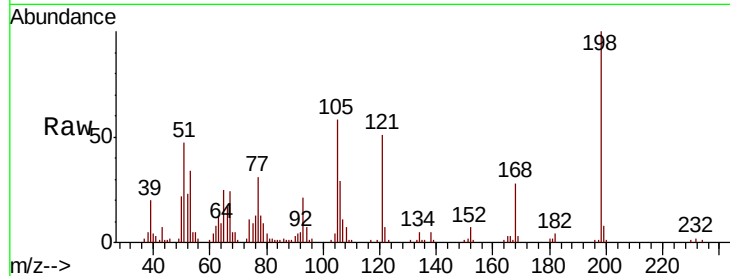




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.025 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

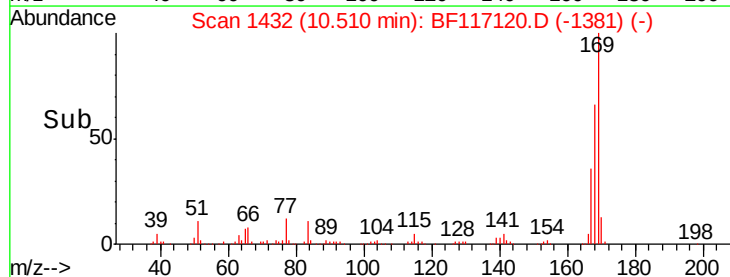
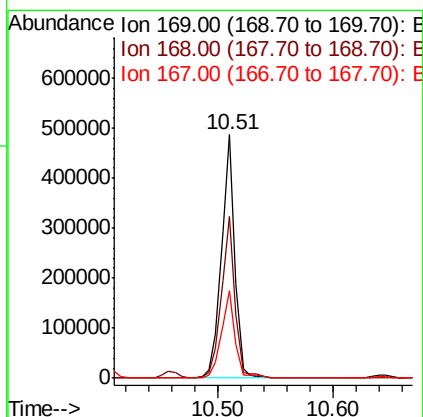
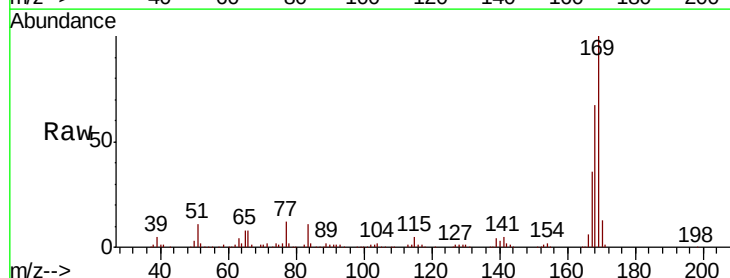
Instrument :
 BNA_F
 ClientSampled :

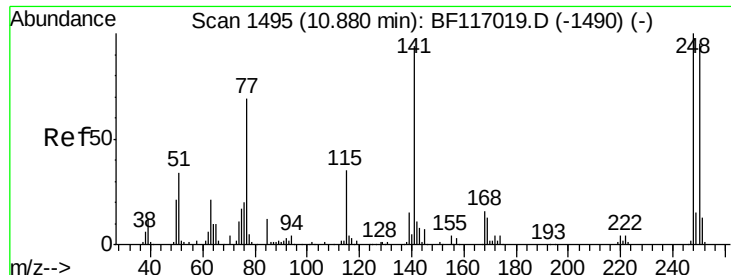
Tot Ion:198 Resp: 49249
 Ion Ratio Lower Upper
 198 100
 51 47.4 18.7 58.7
 105 57.5 30.2 70.2



#66
 n-Nitrosodiphenylamine
 Concen: 54.215 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion:169 Resp: 392710
 Ion Ratio Lower Upper
 169 100
 168 66.6 52.2 78.2
 167 35.7 28.8 43.2

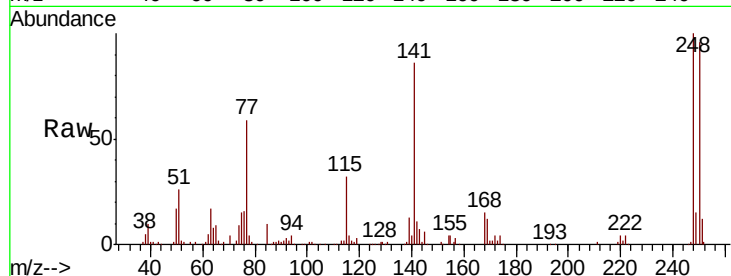




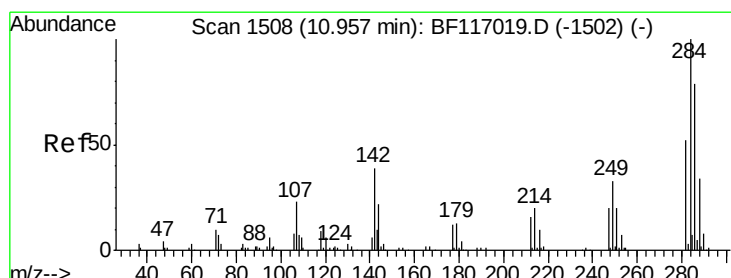
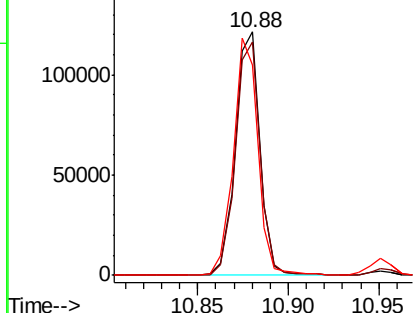
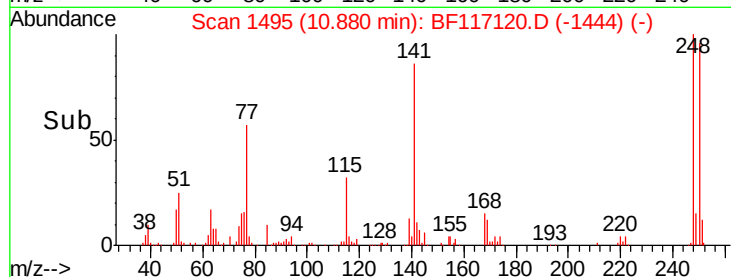
#67
4-Bromophenyl-phenylether
Concen: 53.438 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 114462
Ion Ratio Lower Upper
248 100
250 96.0 76.2 114.4
141 86.4 75.0 112.4

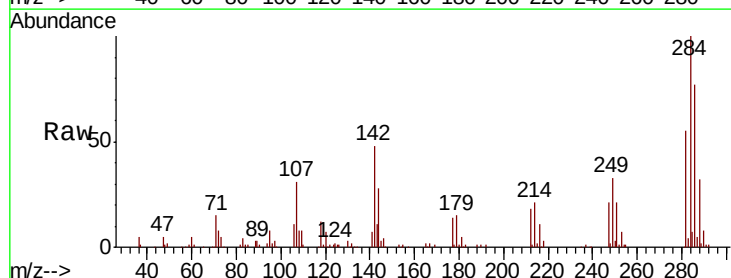


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

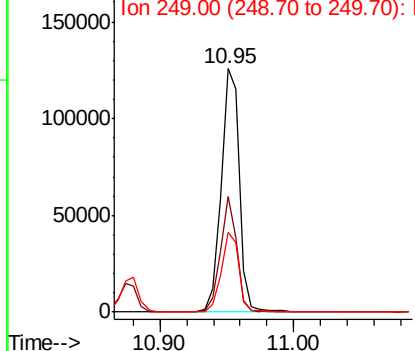
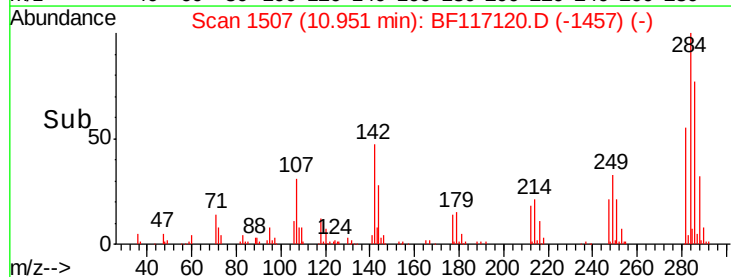


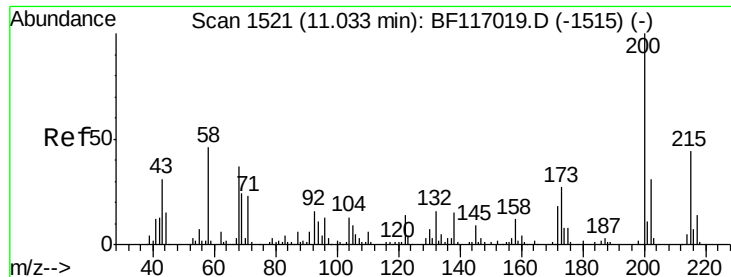
#68
Hexachlorobenzene
Concen: 51.710 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:284 Resp: 121145
Ion Ratio Lower Upper
284 100
142 47.7 31.4 47.2#
249 33.0 26.5 39.7



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: 55.615 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampled :

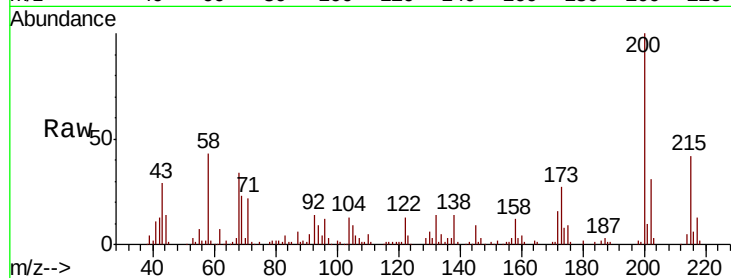
Tot Ion:200 Resp: 94064

Ion Ratio Lower Upper

200 100

173 27.2 6.9 46.9

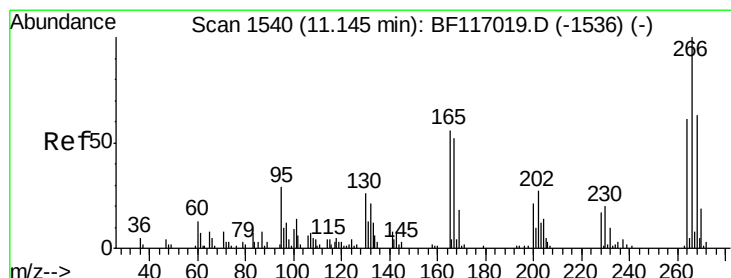
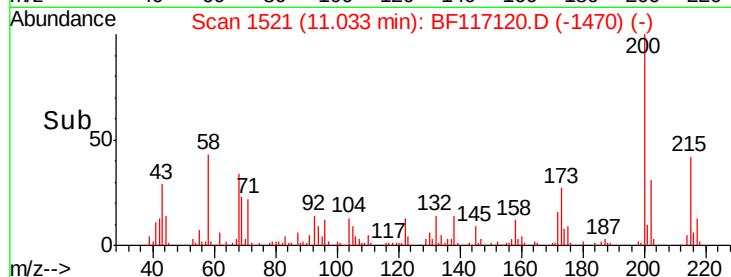
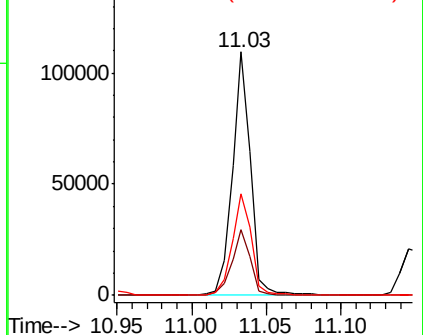
215 41.9 23.8 63.8



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: 111.752 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

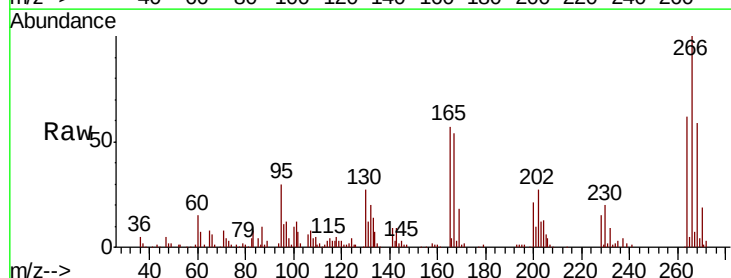
Tgt Ion:266 Resp: 122723

Ion Ratio Lower Upper

266 100

268 59.0 50.5 75.7

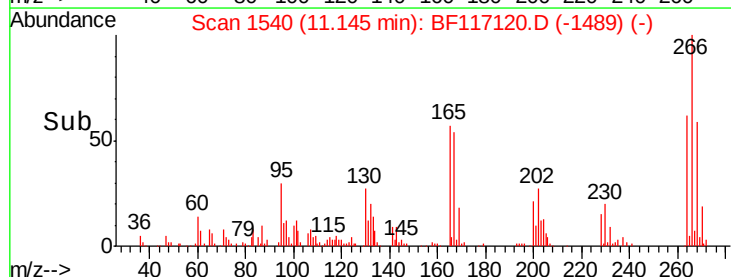
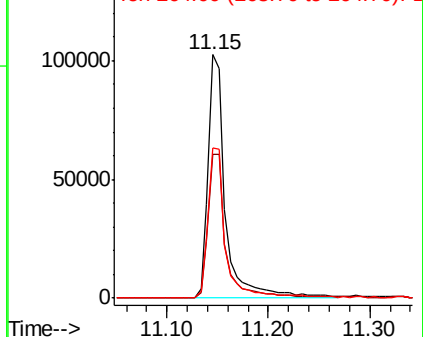
264 61.6 48.8 73.2

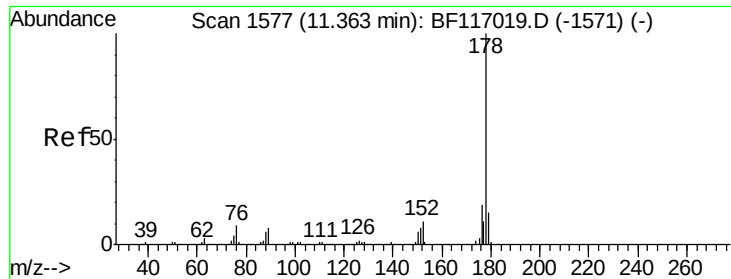


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.014 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampled :

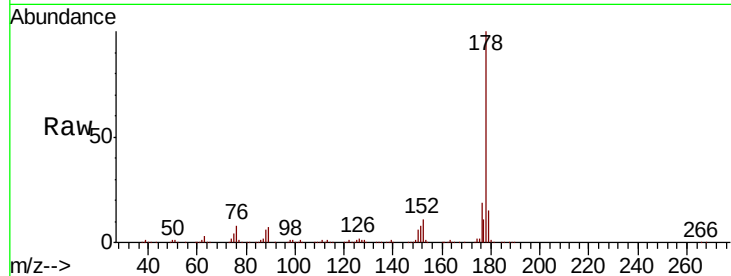
Tot Ion:178 Resp: 643480

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

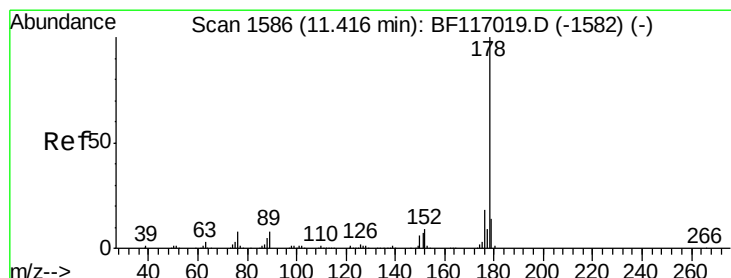
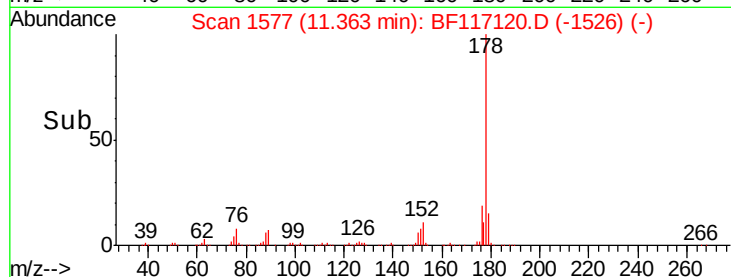
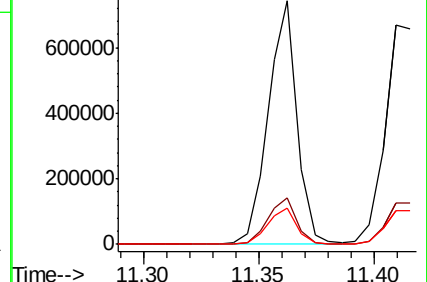
179 14.7 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.159 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

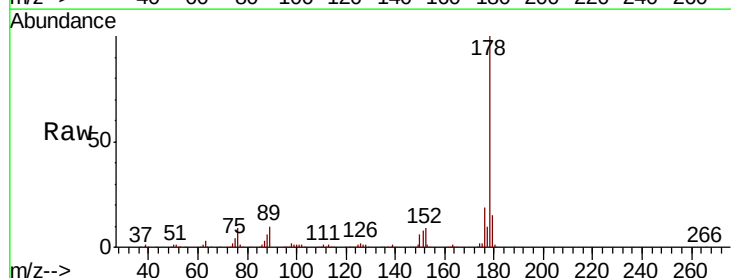
Tgt Ion:178 Resp: 670869

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

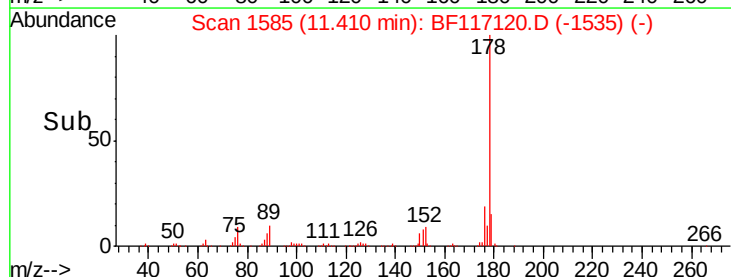
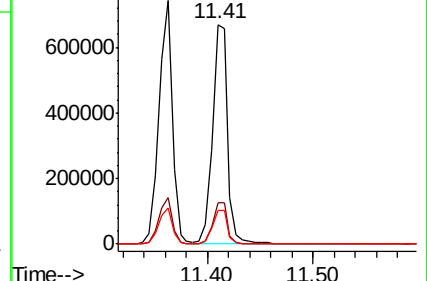
179 15.4 11.6 17.4

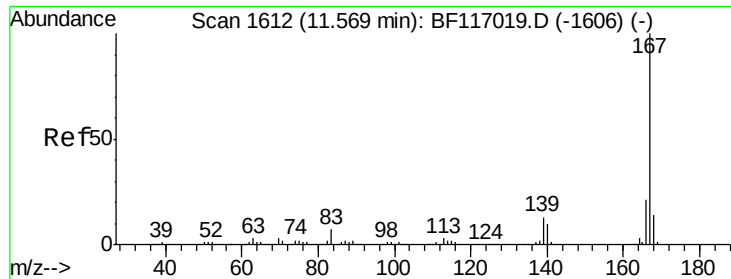


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

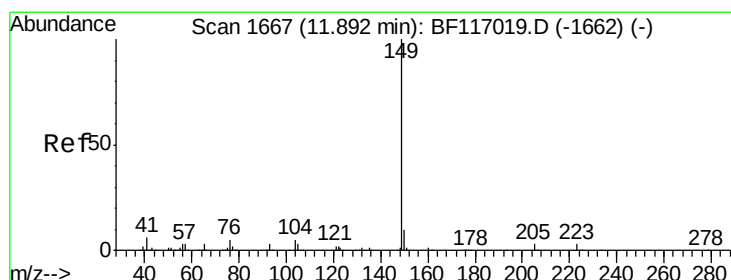
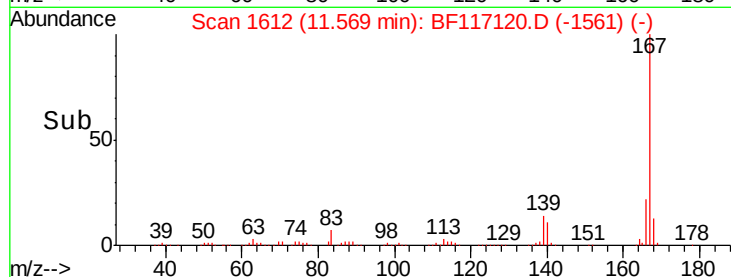
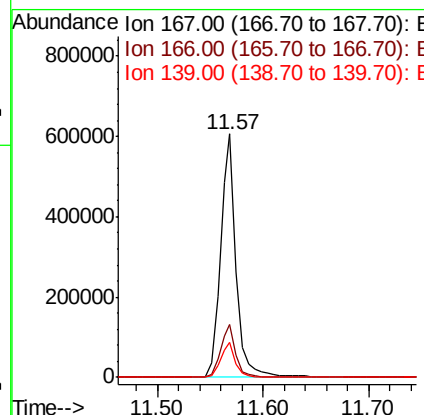
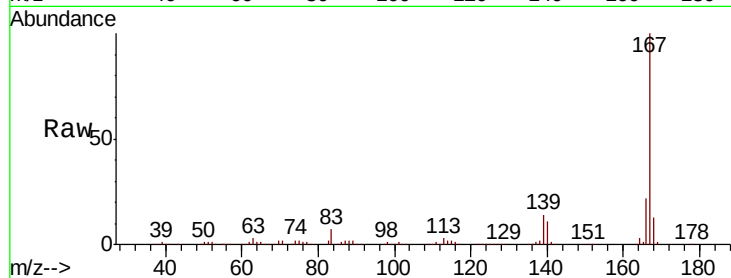




#73
 Carbazole
 Concen: 54.497 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

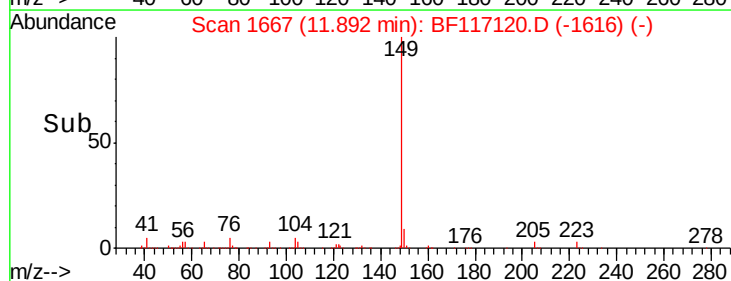
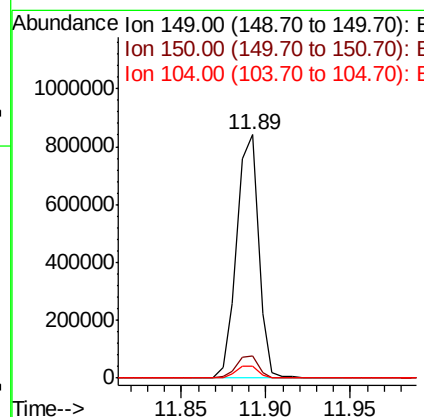
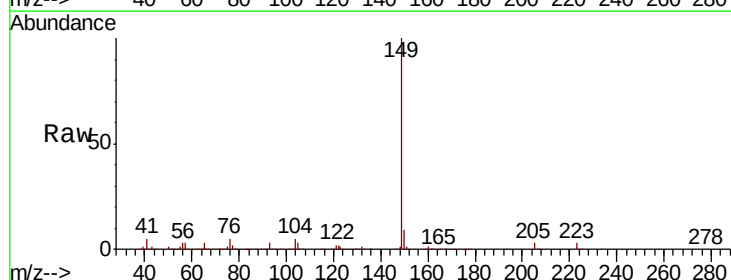
Instrument :
 BNA_F
 ClientSampleId :

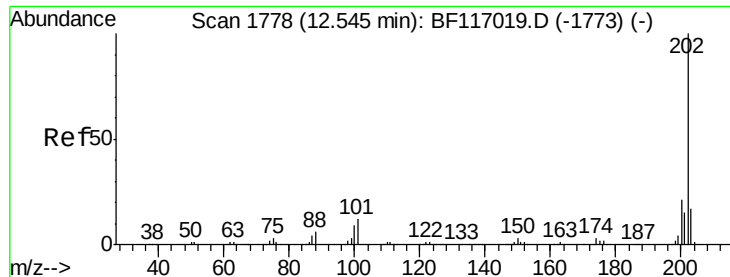
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	14.2	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 55.350 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.1	4.2	6.4

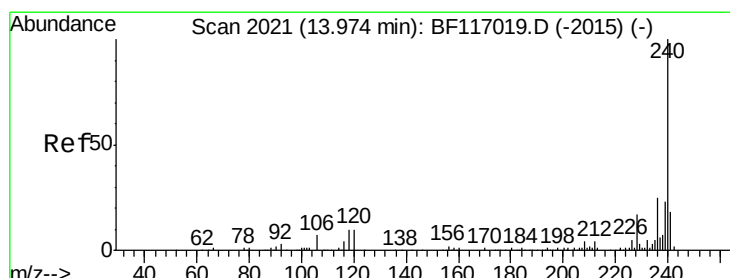
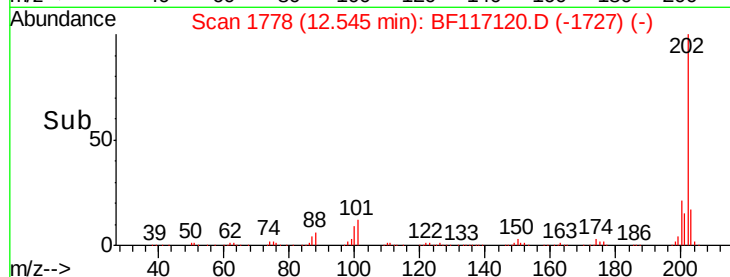
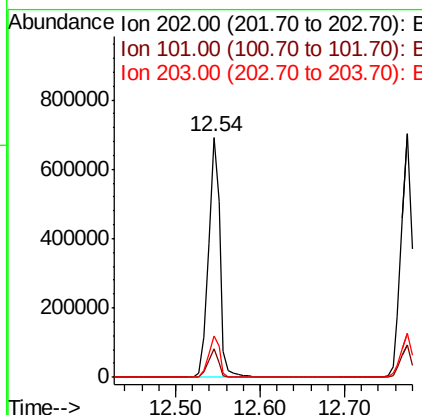
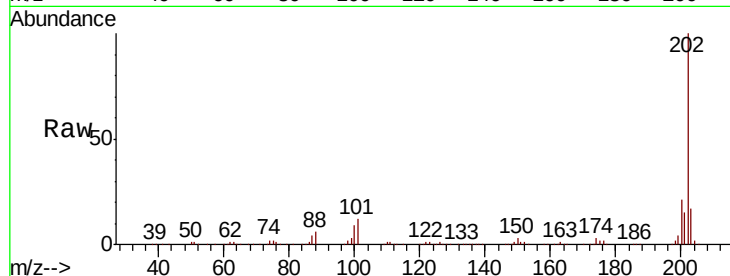




#75
 Fluoranthene
 Concen: 53.326 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

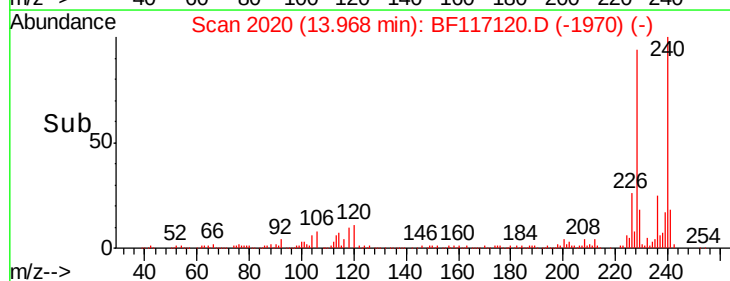
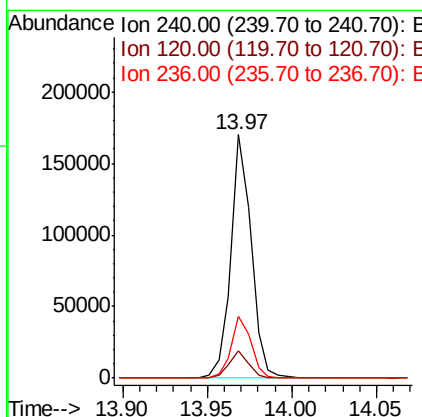
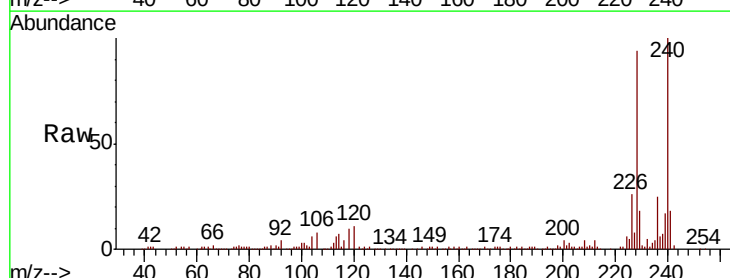
Instrument :
 BNA_F
 ClientSampleId :

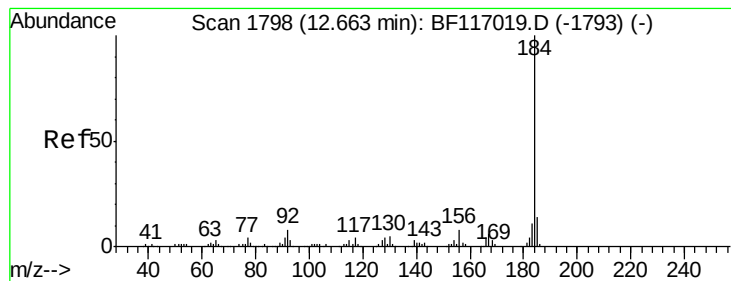
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.3
203	17.3	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.2	20.3	30.5





#77

Benzidine

Concen: 2.620 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.25 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

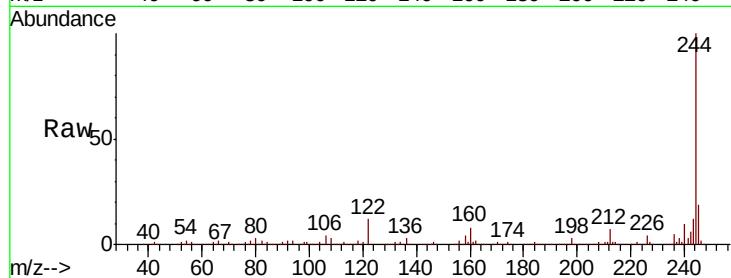
Tot Ion:184 Resp: 11965

Ion Ratio Lower Upper

184 100

185 16.8 11.6 17.4

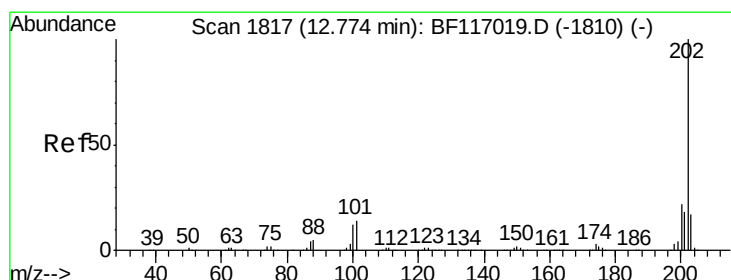
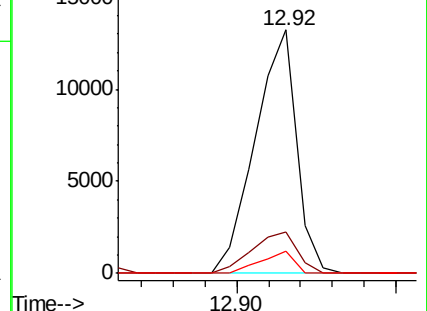
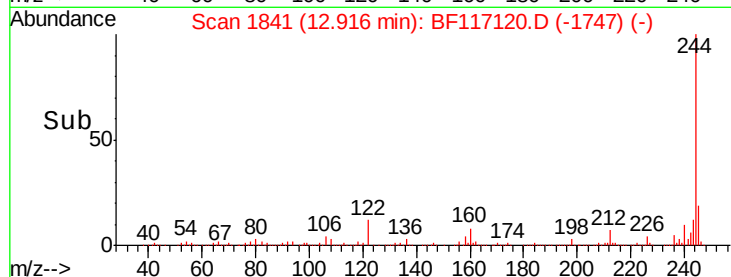
183 9.4 9.0 13.4



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: 54.801 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

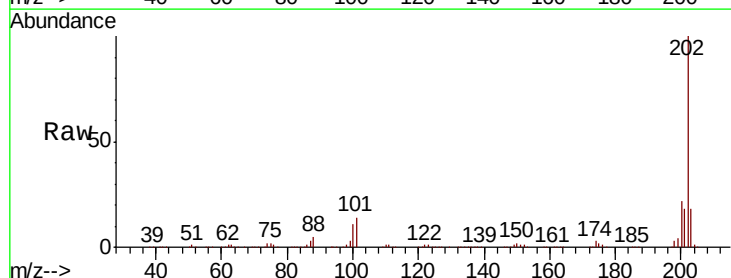
Tgt Ion:202 Resp: 651935

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

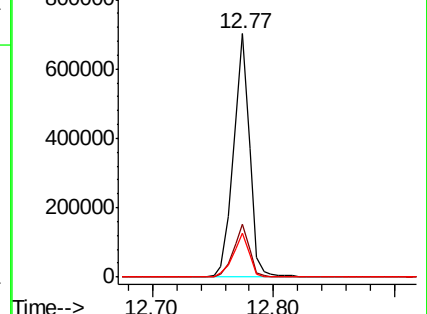
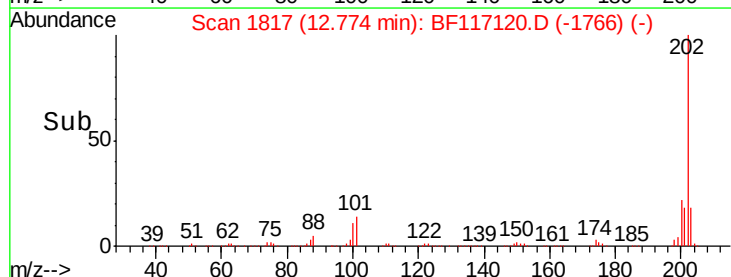
203 17.9 14.0 21.0

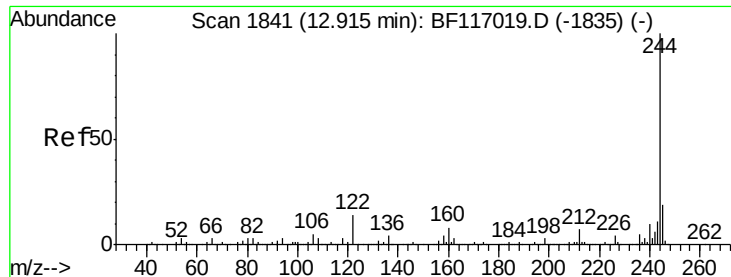


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

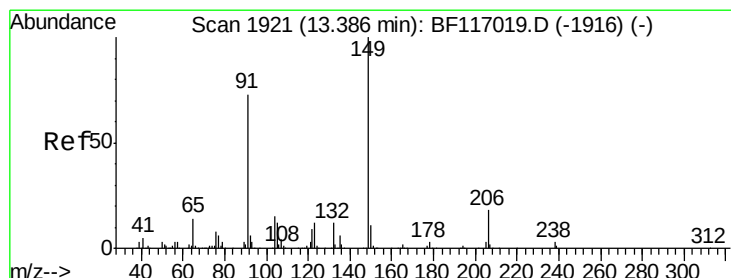
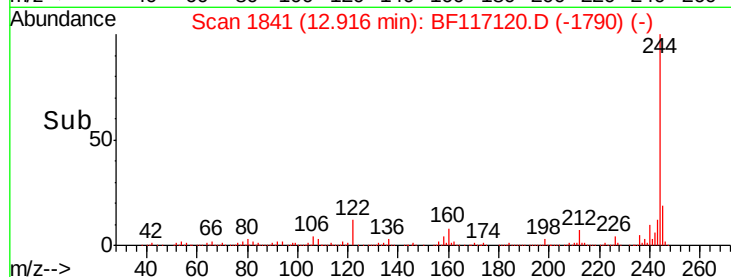
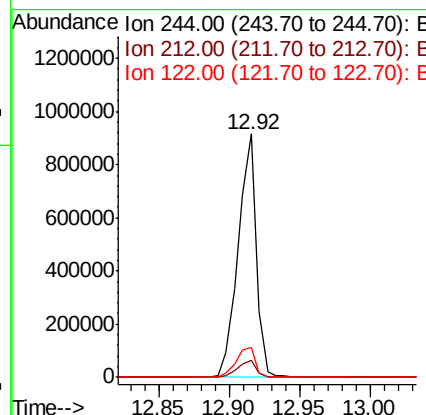
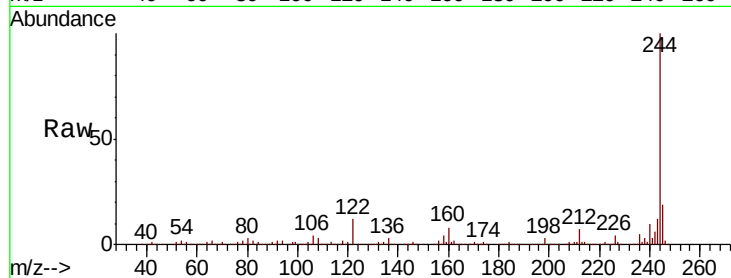




#79
 Terphenyl-d14
 Concen: 108.510 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

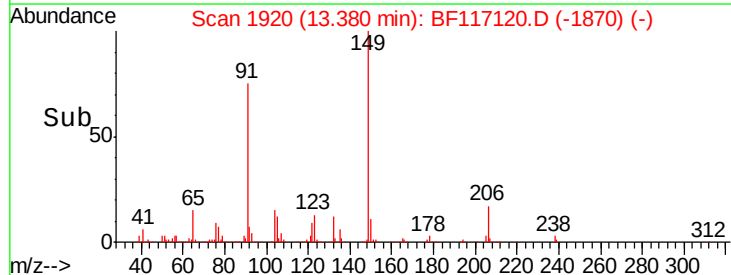
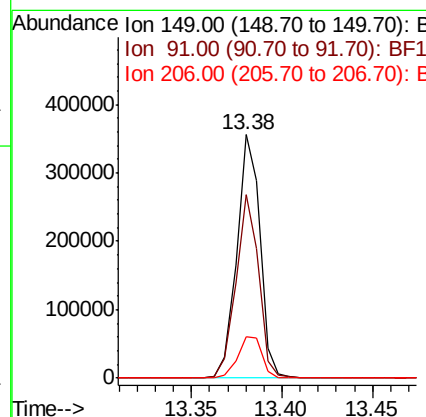
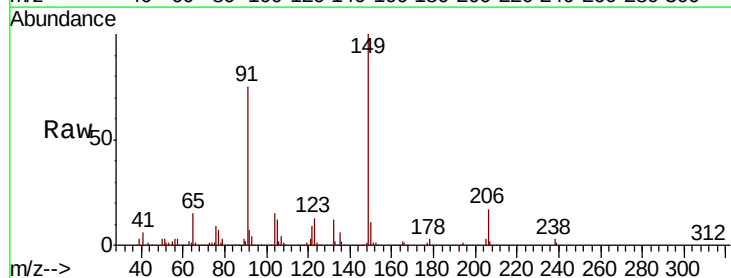
Instrument :
 BNA_F
 ClientSampleId :

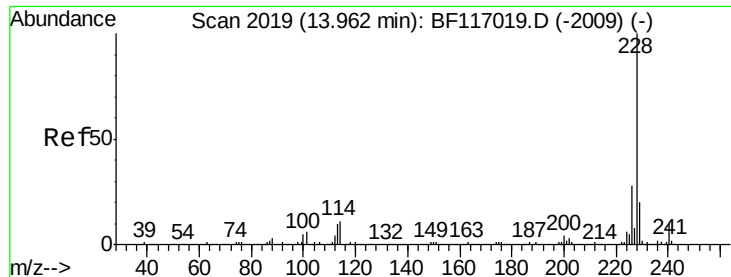
Tot Ion:244 Resp: 823043
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.1 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 56.517 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion:149 Resp: 317698
 Ion Ratio Lower Upper
 149 100
 91 75.1 58.8 88.2
 206 17.2 14.1 21.1





#81

Benzo(a)anthracene

Concen: 52.518 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

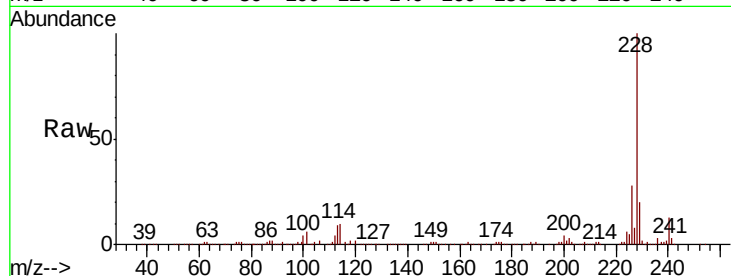
Tot Ion:228 Resp: 497479

Ion Ratio Lower Upper

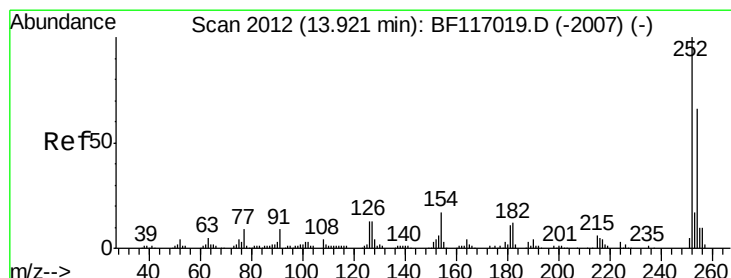
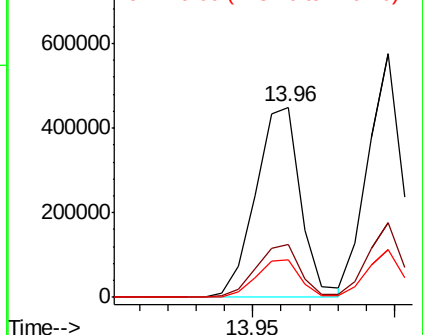
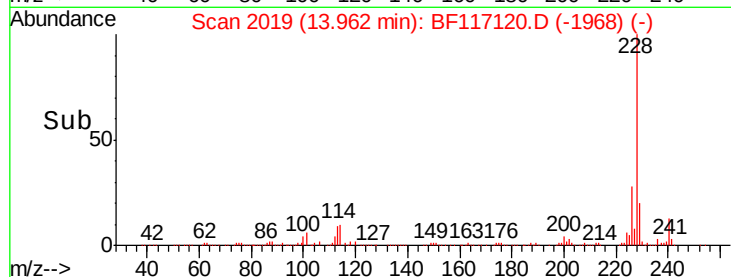
228 100

226 27.8 22.3 33.5

229 19.8 15.9 23.9



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: 24.218 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

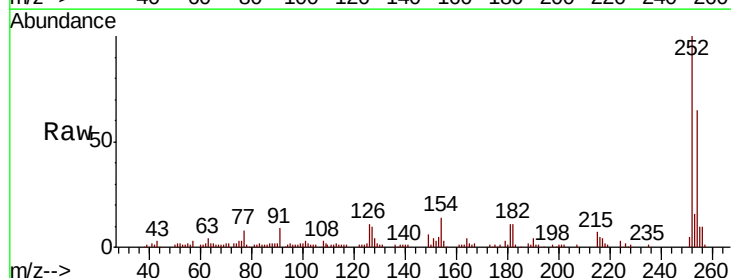
Tgt Ion:252 Resp: 73926

Ion Ratio Lower Upper

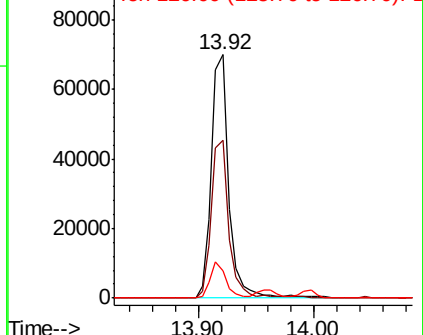
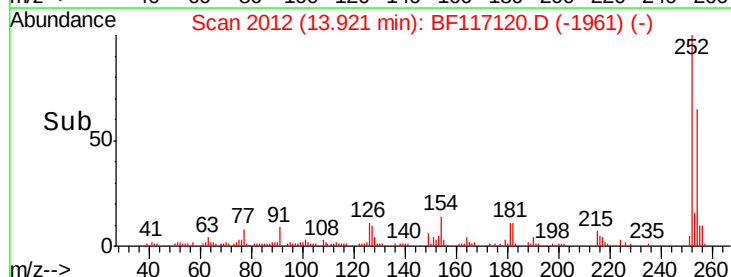
252 100

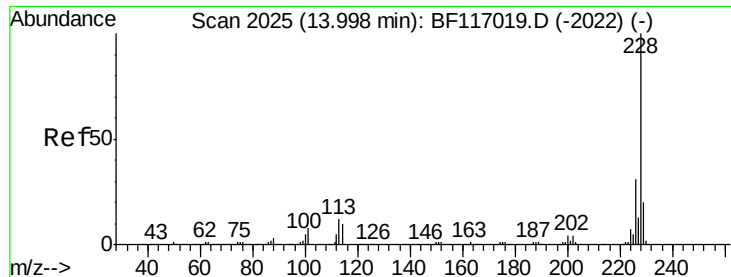
254 64.7 52.6 79.0

126 11.2 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

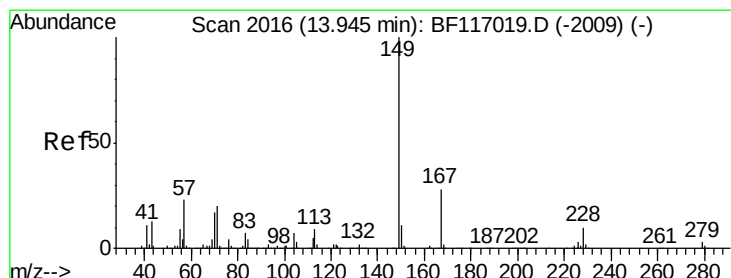
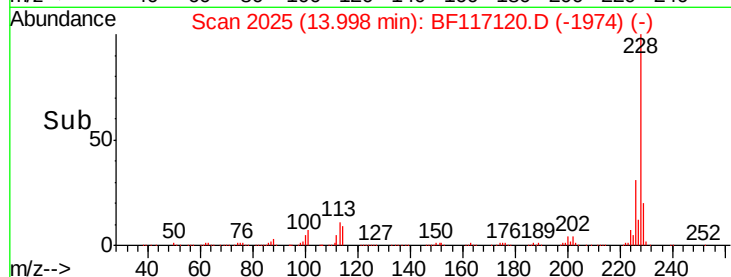
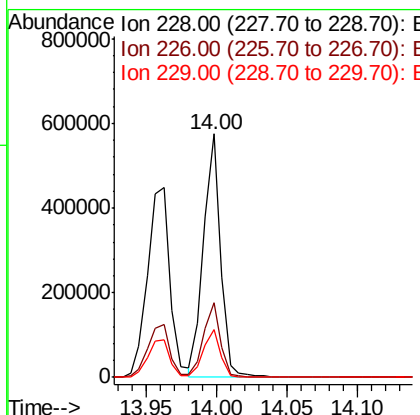
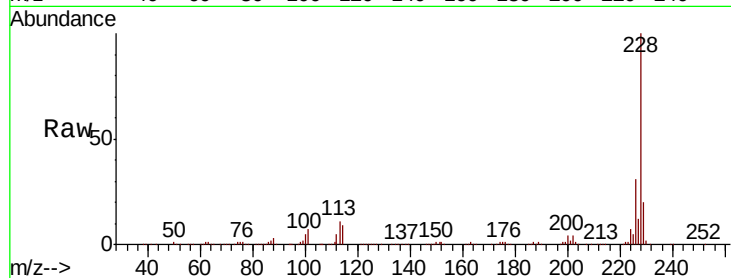




#83
Chrysene
Concen: 52.315 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

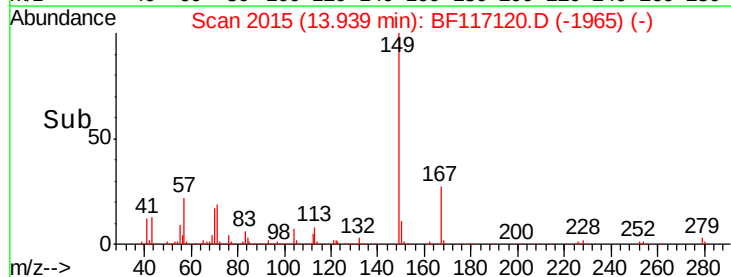
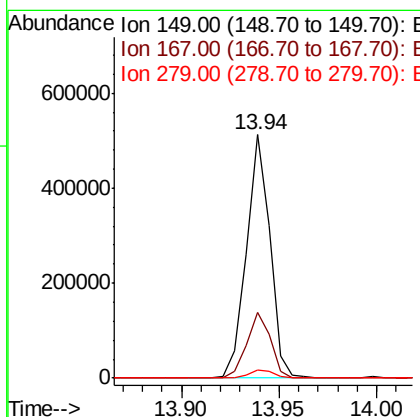
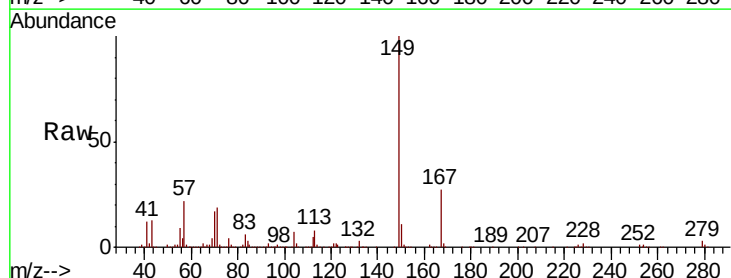
Instrument :
BNA_F
ClientSampleId :

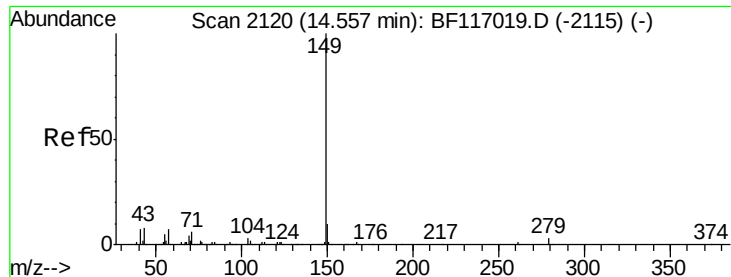
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.156 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.2	2.8	4.2

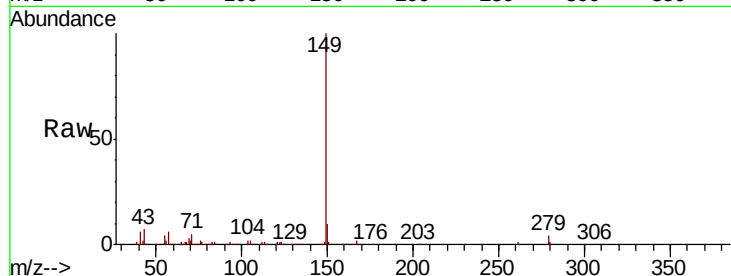




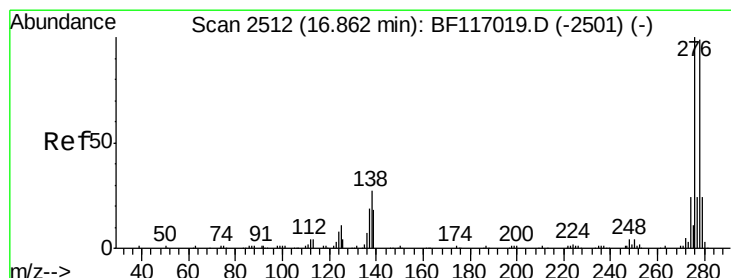
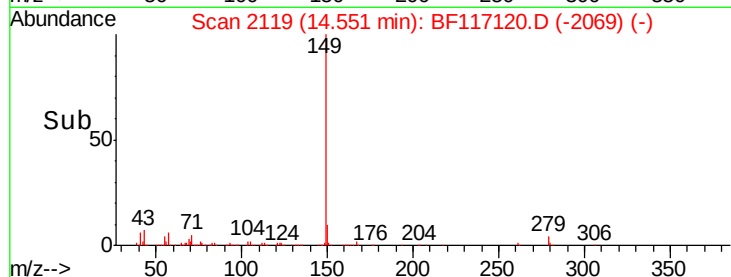
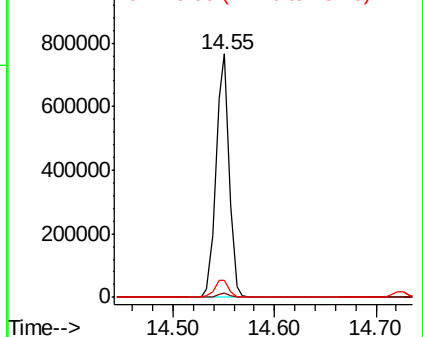
#85
Di-n-octyl phthalate
Concen: 60.445 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.3	6.2	9.4

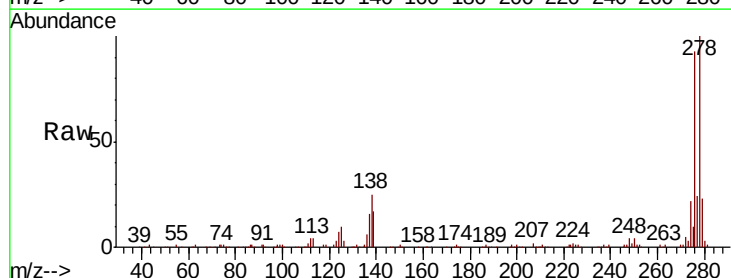


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

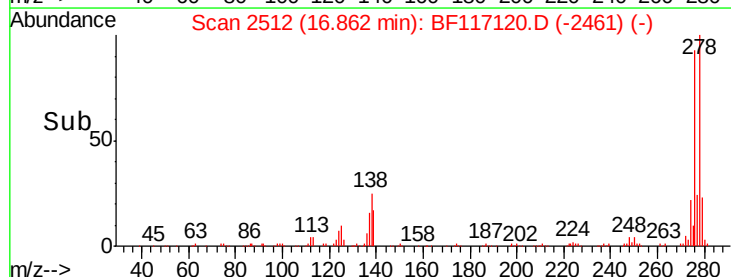
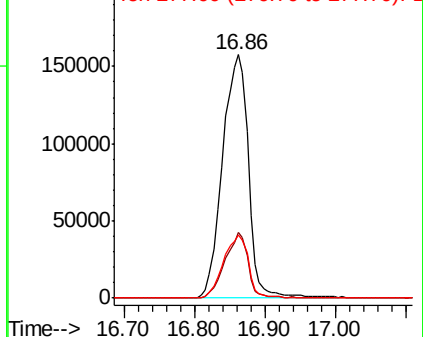


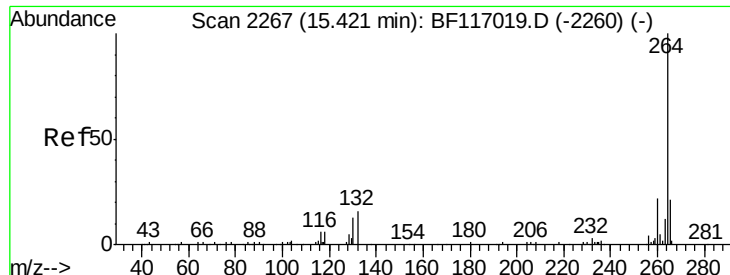
#86
Indeno(1,2,3-cd)pyrene
Concen: 59.471 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.7	31.1
277	25.2	19.8	29.8



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

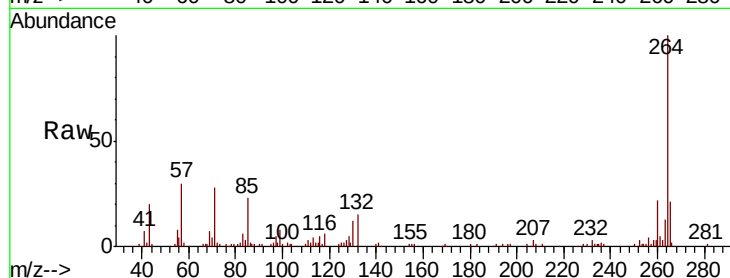
Tot Ion:264 Resp: 120191

Ion Ratio Lower Upper

264 100

260 22.2 17.6 26.4

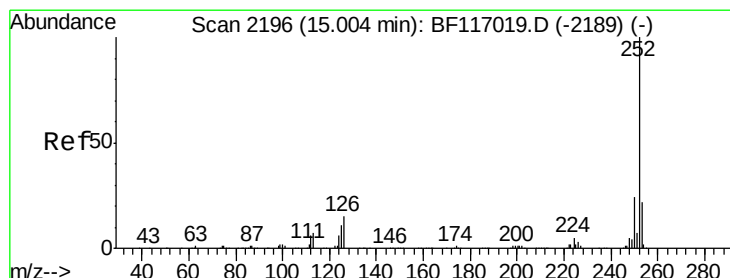
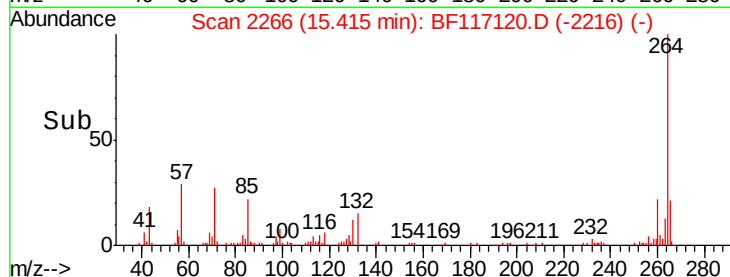
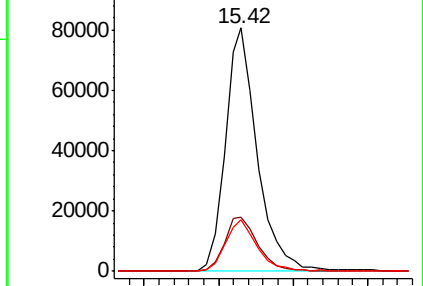
265 21.4 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.124 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

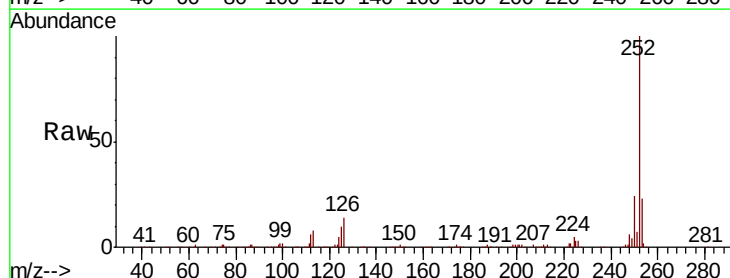
Tgt Ion:252 Resp: 379487

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

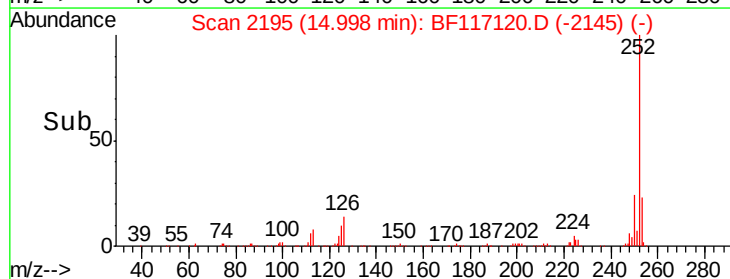
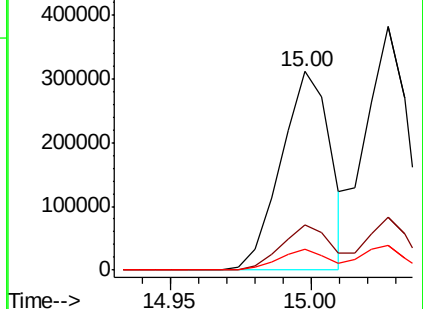
125 10.3 8.6 12.8

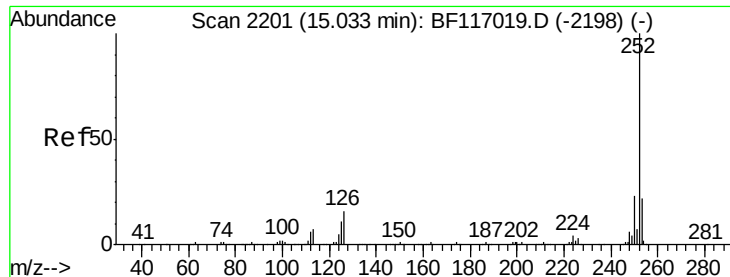


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

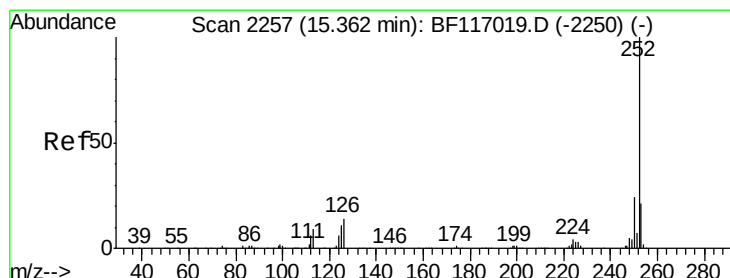
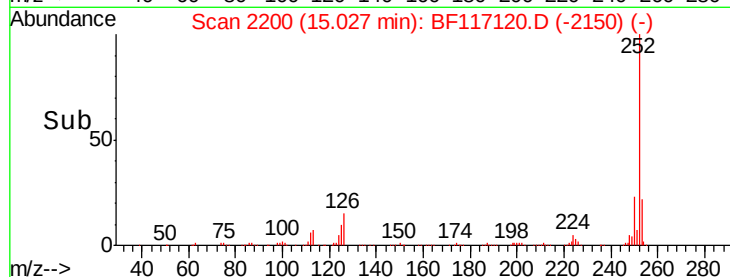
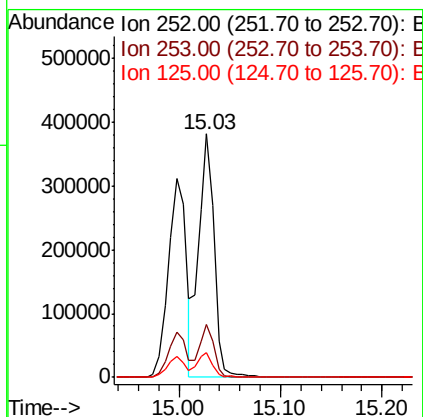
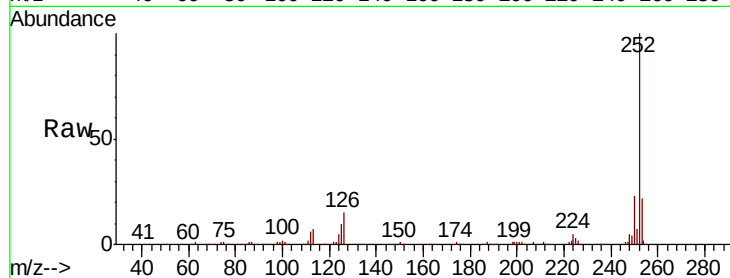




#89
Benzo(k)fluoranthene
Concen: 58.759 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

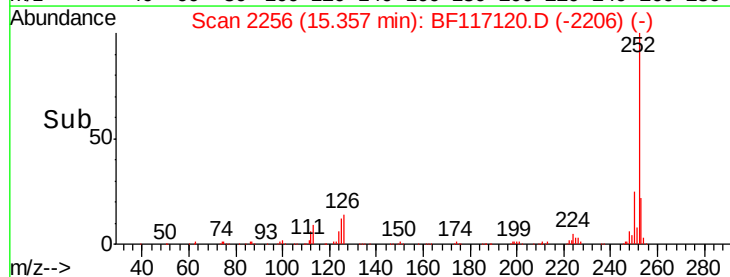
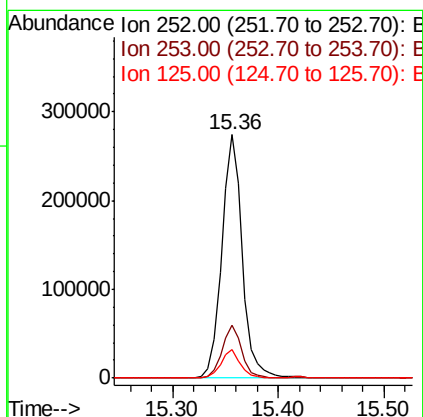
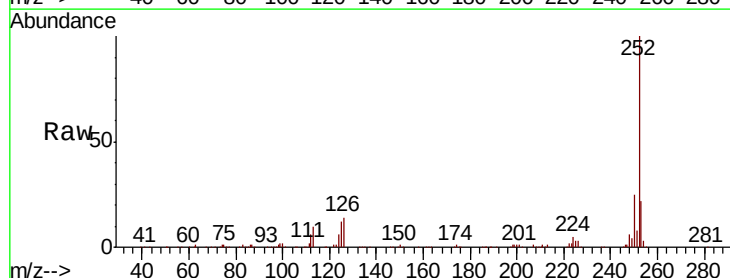
Instrument :
BNA_F
ClientSampled :

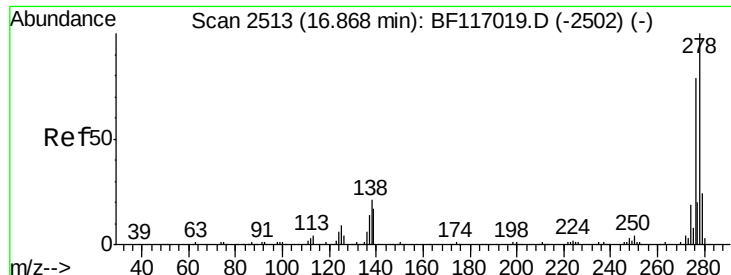
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.4	8.8	13.2



#90
Benzo(a)pyrene
Concen: 58.073 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	11.6	8.9	13.3

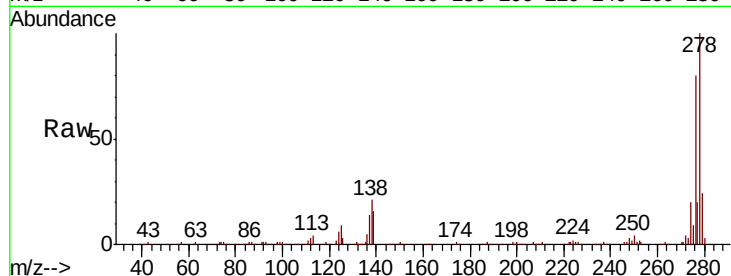




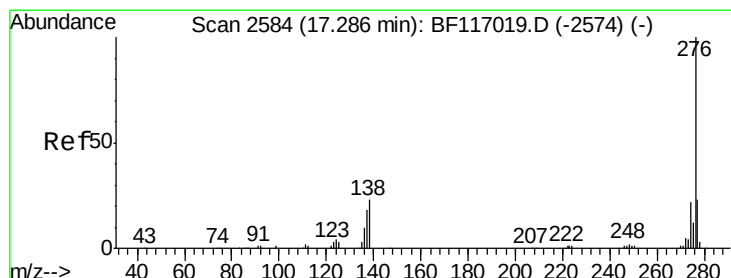
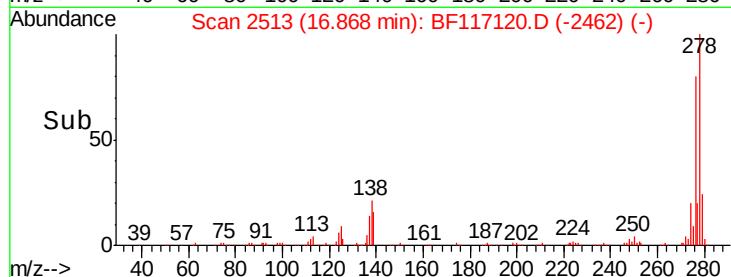
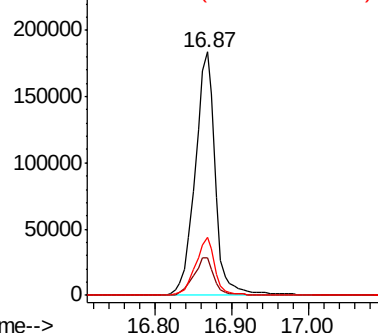
#91
Dibenzo(a,h)anthracene
Concen: 65.764 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.5	20.3
279	24.0	18.8	28.2

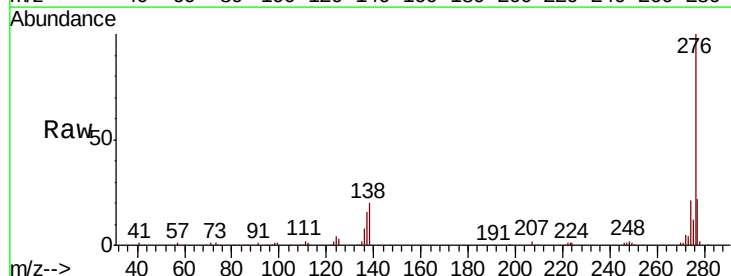


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 65.218 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.6	27.8
138	20.0	18.0	27.0



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

