

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117022.D
 Acq On : 13 Sep 2019 14:41
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 15:14:36 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 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	75502	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	312096	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	158789	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	256080	20.00	ng	0.00
76) Chrysene-d12	13.98	240	163596	20.00	ng	0.00
87) Perylene-d12	15.43	264	140775	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	762998	163.72	ng	0.00
7) Phenol-d6	6.47	99	971464	158.74	ng	0.01
23) Nitrobenzene-d5	7.40	82	931802	170.44	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	207349	195.33	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1480483	157.28	ng	0.01
79) Terphenyl-d14	12.92	244	1442322	163.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	162249	75.416	ng	99
3) Pyridine	3.31	79	460594	73.943	ng	96
4) n-Nitrosodimethylamine	3.28	42	159444	74.541	ng	96
6) Aniline	6.50	93	620486	73.205	ng	99
8) 2-Chlorophenol	6.62	128	400385	78.699	ng	98
9) Benzaldehyde	6.37	77	217250	53.885	ng	96
10) Phenol	6.49	94	534056	78.810	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	392706	74.426	ng	99
12) 1,3-Dichlorobenzene	6.77	146	454446	79.034	ng	100
13) 1,4-Dichlorobenzene	6.85	146	463559	80.977	ng	99
14) 1,2-Dichlorobenzene	7.00	146	427044	80.497	ng	99
15) Benzyl Alcohol	6.97	79	373851	75.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	392602	63.419	ng	96
17) 2-Methylphenol	7.09	107	340208	76.389	ng	94
18) Hexachloroethane	7.34	117	179751	80.820	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	297946	73.943	ng	96
20) 3+4-Methylphenols	7.25	107	412277	79.616	ng	90
22) Acetophenone	7.25	105	613735	81.682	ng	# 99
24) Nitrobenzene	7.42	77	461592	83.018	ng	97
25) Isophorone	7.66	82	824065	74.387	ng	99
26) 2-Nitrophenol	7.73	139	208995	101.102	ng	96
27) 2,4-Dimethylphenol	7.77	122	313650	75.129	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	498170	73.588	ng	100
29) 2,4-Dichlorophenol	7.97	162	326983	81.499	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	345607	79.419	ng	97
31) Naphthalene	8.13	128	1142742	77.002	ng	99
32) Benzoic acid	7.93	122	257898	109.405	ng	97
33) 4-Chloroaniline	8.18	127	508666	75.298	ng	99
34) Hexachlorobutadiene	8.25	225	198559	83.683	ng	96
35) Caprolactam	8.57	113	86815	57.818	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	377915	81.954	ng	98
37) 2-Methylnaphthalene	8.82	142	766192	77.596	ng	99
38) 1-Methylnaphthalene	8.92	142	719251	77.163	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	306342	80.479	ng	98

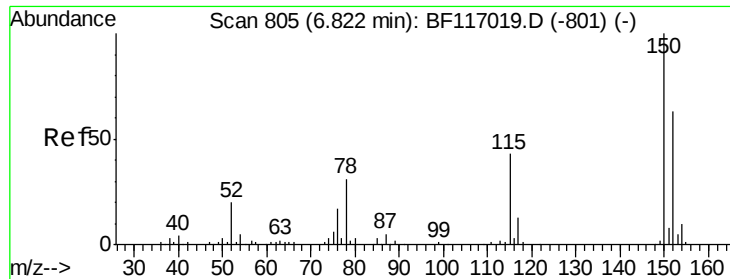
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117022.D
 Acq On : 13 Sep 2019 14:41
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 15:14:36 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 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143447	65.259	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	218882	83.885	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	225140	83.110	ng	96
46) 1,1'-Biphenyl	9.29	154	928818	77.086	ng	99
47) 2-Chloronaphthalene	9.31	162	737892	77.320	ng	99
48) 2-Nitroaniline	9.40	65	255208	92.500	ng	91
49) Acenaphthylene	9.72	152	1107598	76.778	ng	99
50) Dimethylphthalate	9.59	163	862840	78.707	ng	100
51) 2,6-Dinitrotoluene	9.65	165	183759	87.855	ng	96
52) Acenaphthene	9.90	154	657029	74.125	ng	98
53) 3-Nitroaniline	9.82	138	224769	85.750	ng	99
54) 2,4-Dinitrophenol	9.93	184	77867	126.721	ng	93
55) Dibenzofuran	10.07	168	964425	77.182	ng	99
56) 4-Nitrophenol	9.98	139	155247	86.378	ng	96
57) 2,4-Dinitrotoluene	10.06	165	240049	93.860	ng	95
58) Fluorene	10.41	166	778774	81.795	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	176170	90.109	ng	99
60) Diethylphthalate	10.28	149	830997	75.673	ng	97
61) 4-Chlorophenyl-phenylether	10.40	204	330661	79.309	ng	99
62) 4-Nitroaniline	10.44	138	233027	91.606	ng	96
63) Azobenzene	10.56	77	859479	75.060	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	98570	113.975	ng	98
66) n-Nitrosodiphenylamine	10.52	169	676127	76.324	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	201763	77.558	ng	98
68) Hexachlorobenzene	10.96	284	219524	80.655	ng	97
69) Atrazine	11.04	200	145466	58.630	ng	100
70) Pentachlorophenol	11.15	266	116316	88.342	ng	98
71) Phenanthrene	11.37	178	1100080	77.171	ng	100
72) Anthracene	11.42	178	1129435	78.708	ng	98
73) Carbazole	11.57	167	1061039	77.624	ng	99
74) Di-n-butylphthalate	11.90	149	1272991	72.646	ng	100
75) Fluoranthene	12.55	202	1118707	79.855	ng	99
77) Benzidine	12.67	184	311170	48.494	ng	97
78) Pyrene	12.78	202	1128322	77.587	ng	99
80) Butylbenzylphthalate	13.39	149	535144	75.670	ng	96
81) Benzo(a)anthracene	13.97	228	857823	82.850	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	242259	69.236	ng	98
83) Chrysene	14.01	228	827215	77.548	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	677780	77.639	ng	99
85) Di-n-octyl phthalate	14.57	149	1009141	70.638	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	618894	72.233	ng	99
88) Benzo(b)fluoranthene	15.02	252	694048	81.547	ng	100
89) Benzo(k)fluoranthene	15.05	252	584192	75.281	ng	98
90) Benzo(a)pyrene	15.38	252	583449	78.794	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	498064	76.845	ng	99
92) Benzo(g,h,i)perylene	17.32	276	507518	76.778	ng	99

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

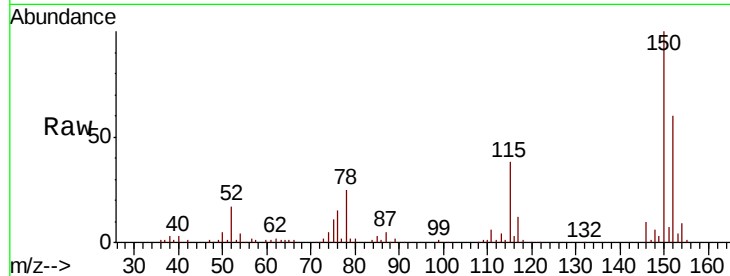


#1

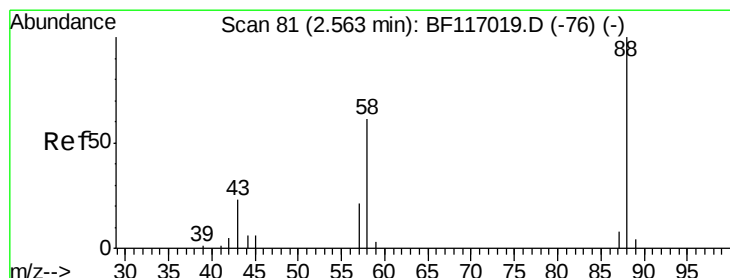
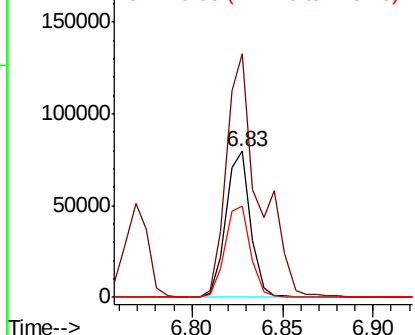
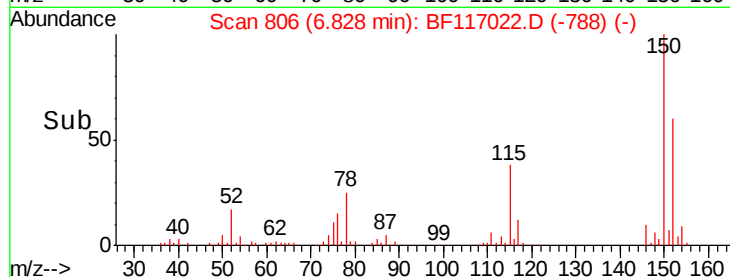
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75502
Ion Ratio Lower Upper
152 100
150 166.4 127.5 191.3
115 62.6 55.0 82.4



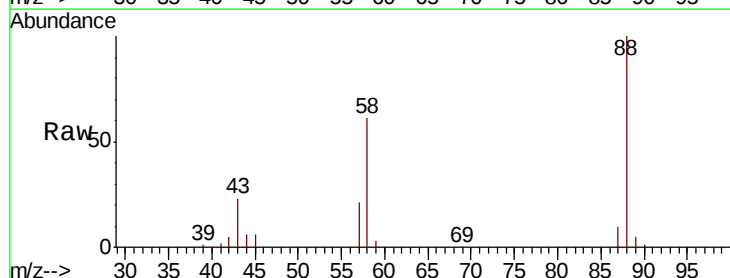
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



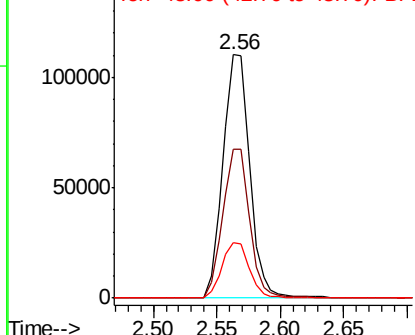
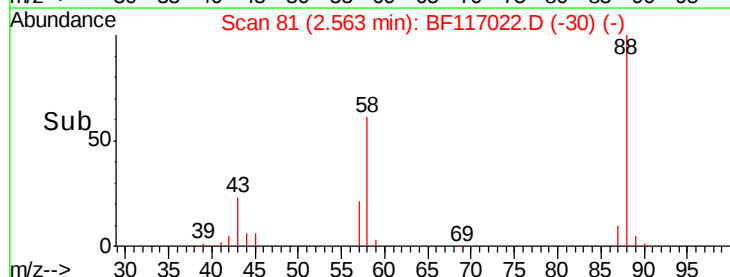
#2

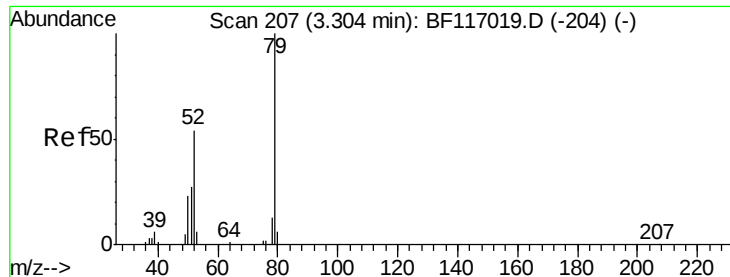
1,4-Dioxane
Concen: 75.416 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion: 88 Resp: 162249
Ion Ratio Lower Upper
88 100
58 61.0 49.3 73.9
43 23.1 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

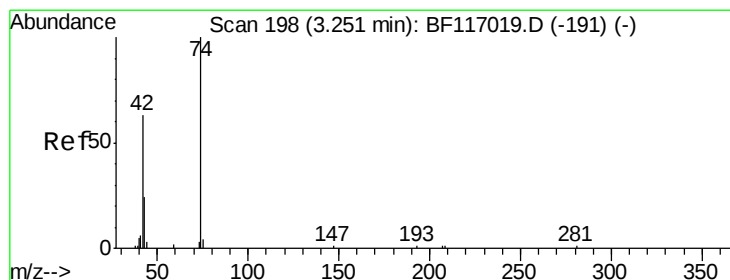
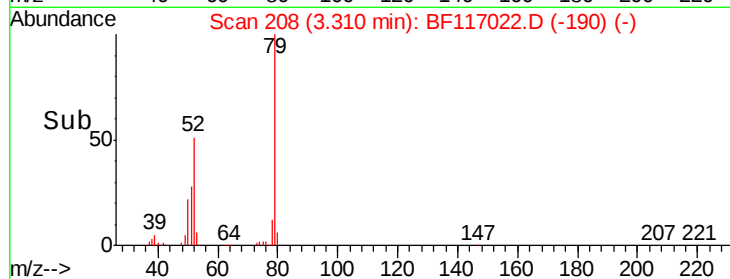
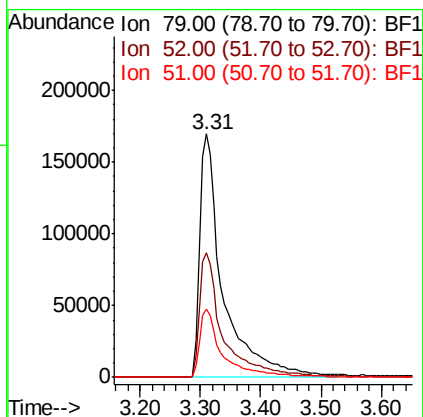
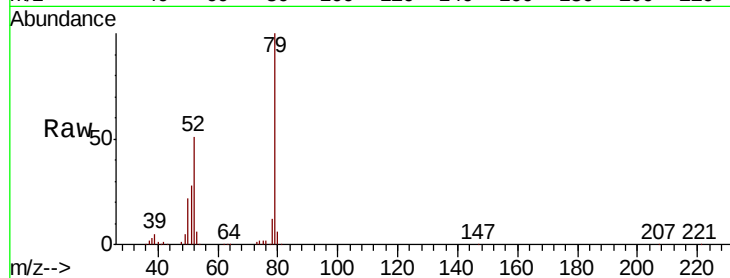




#3
Pvridine
Concen: 73.943 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

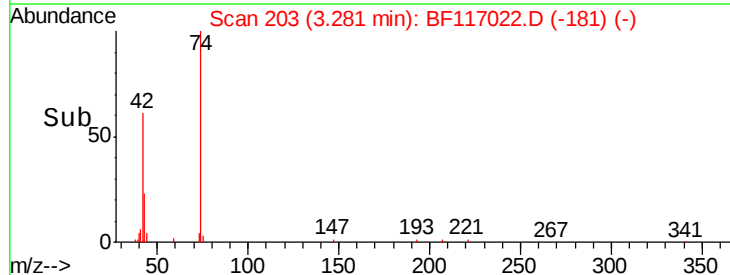
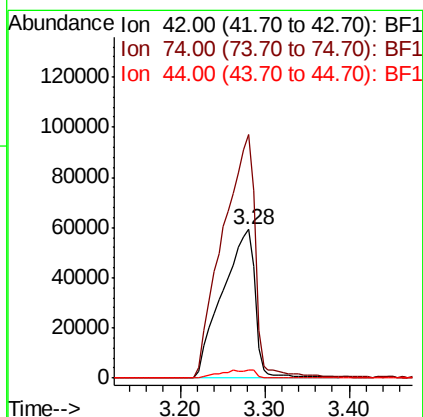
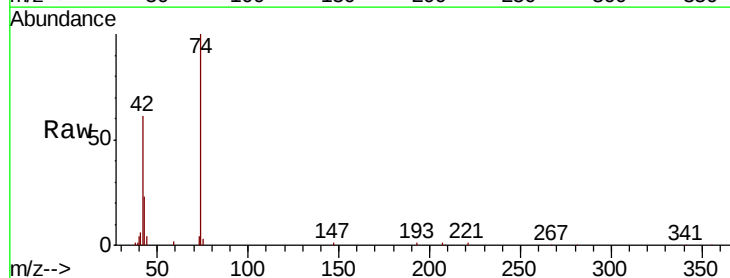
Instrument :
BNA_F
ClientSampleId :

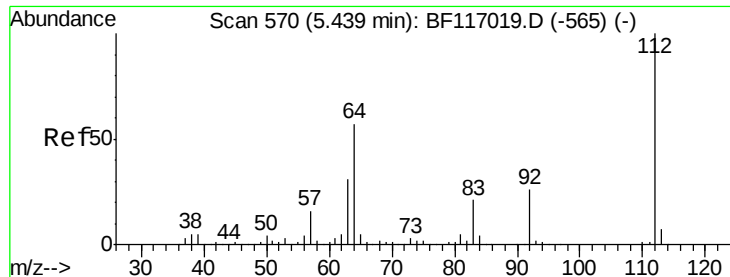
Tot Ion	Ratio	Lower	Upper
79	100		
52	51.2	43.5	65.3
51	28.3	21.8	32.6



#4
n-Nitrosodimethylamine
Concen: 74.541 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.03 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.0	127.1	190.7
44	5.9	4.3	6.5





#5

2-Fluorophenol

Concen: 163.718 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

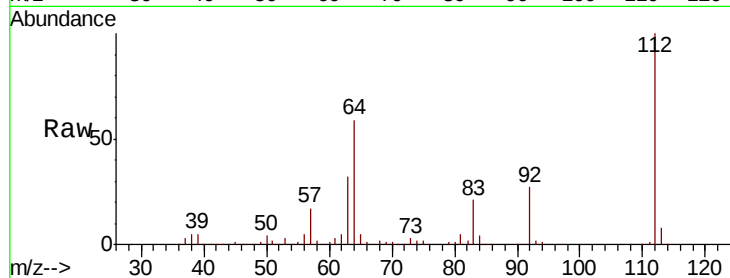
Tot Ion: 112 Resp: 762998

Ion Ratio Lower Upper

112 100

64 59.4 45.7 68.5

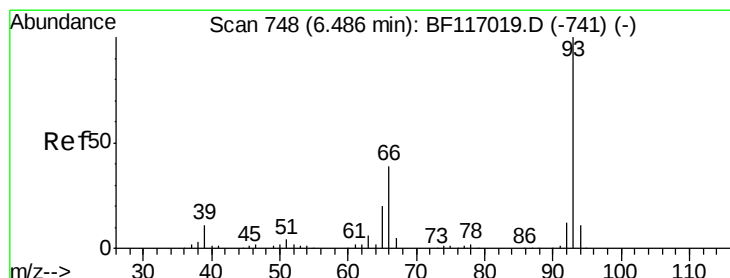
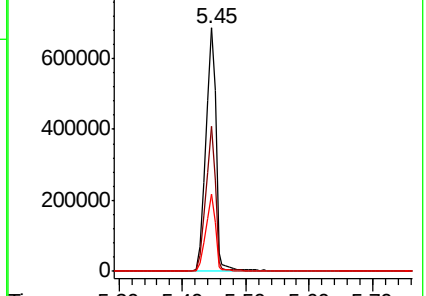
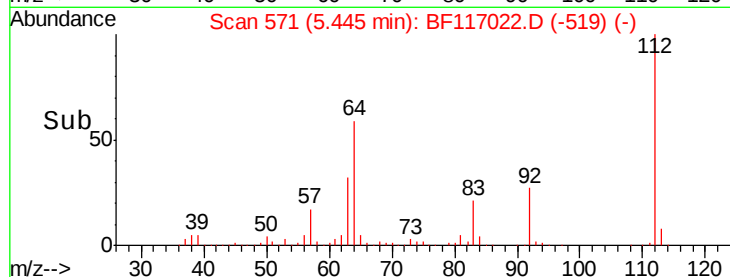
63 31.6 24.9 37.3



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: 73.205 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

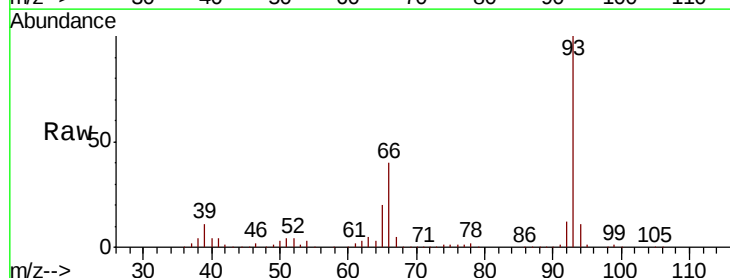
Tgt Ion: 93 Resp: 620486

Ion Ratio Lower Upper

93 100

66 40.0 32.6 49.0

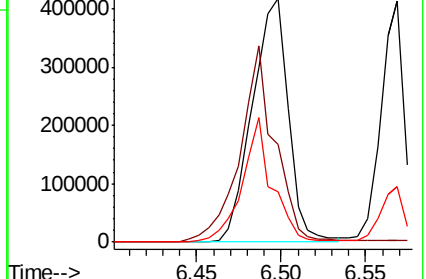
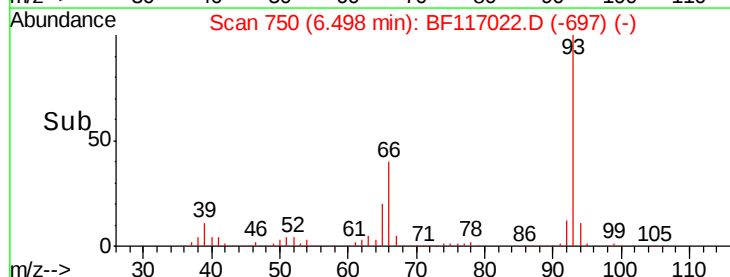
65 20.4 16.7 25.1

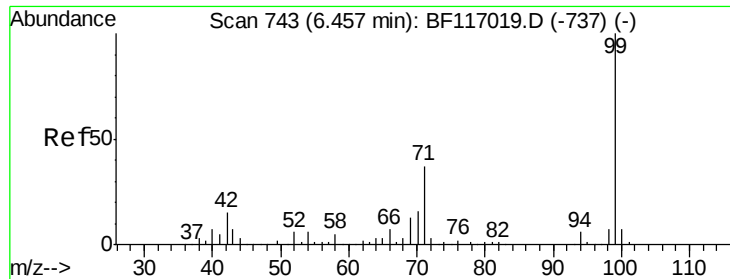


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 158.744 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

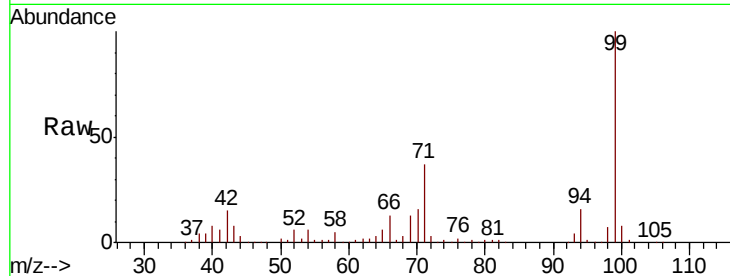
Tot Ion: 99 Resp: 971464

Ion Ratio Lower Upper

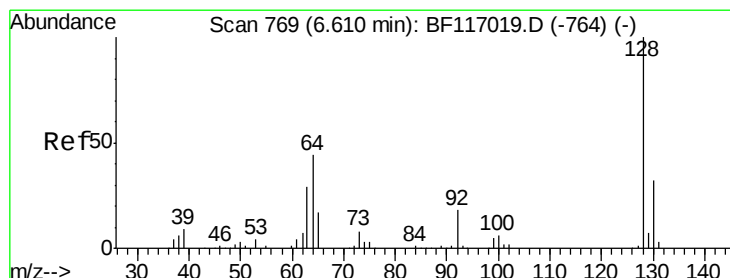
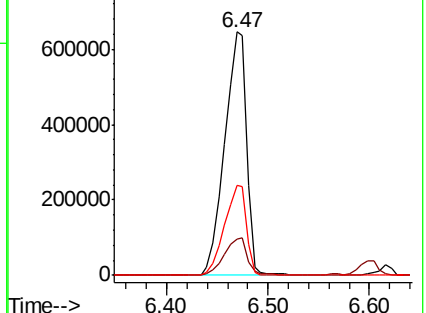
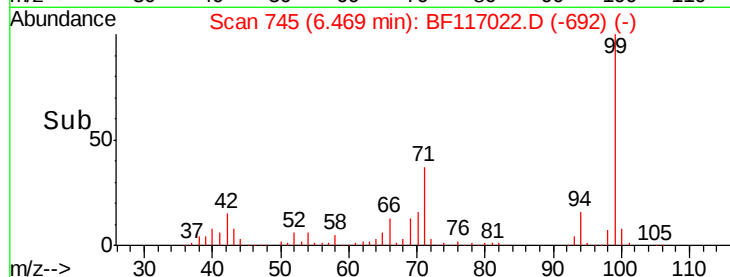
99 100

42 15.0 12.2 18.2

71 37.2 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: 78.699 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

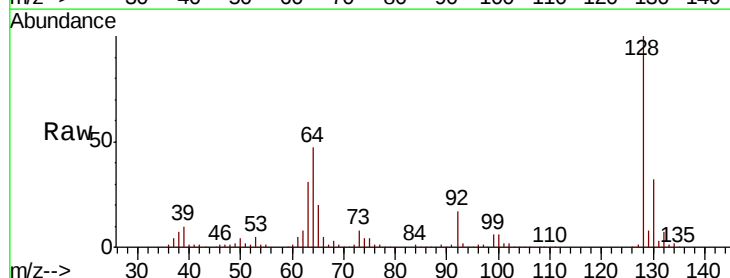
Tgt Ion: 128 Resp: 400385

Ion Ratio Lower Upper

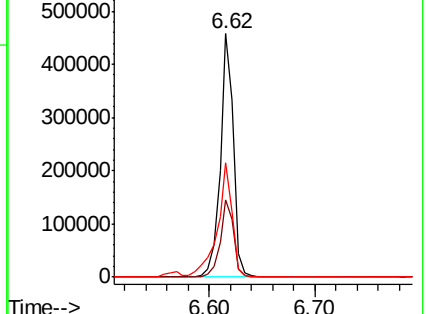
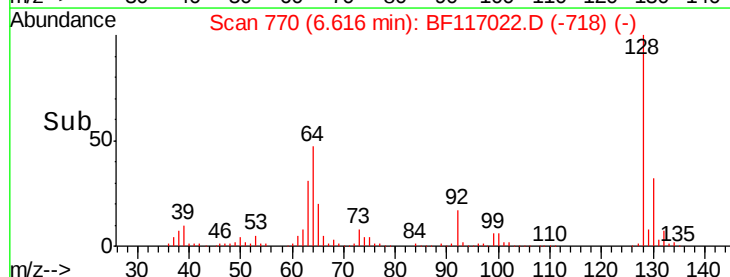
128 100

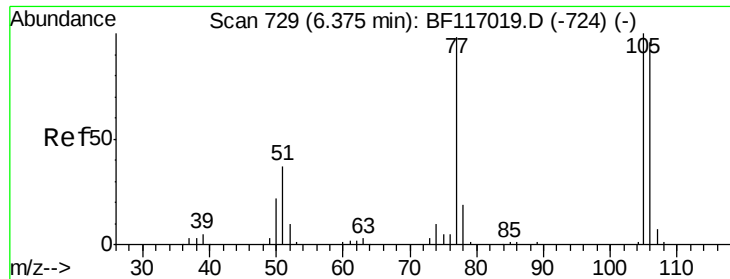
130 31.8 11.8 51.8

64 47.2 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

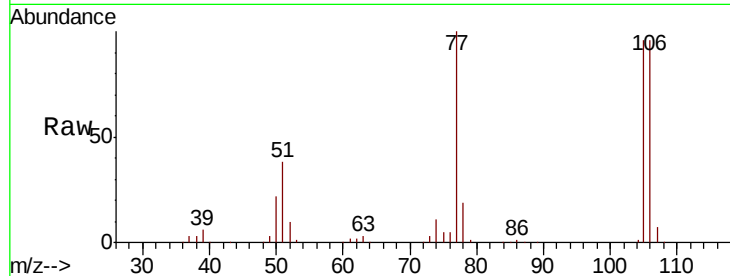




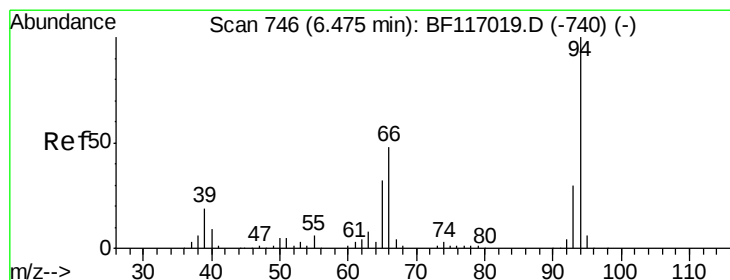
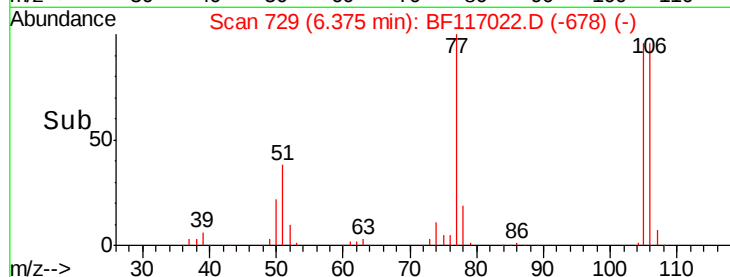
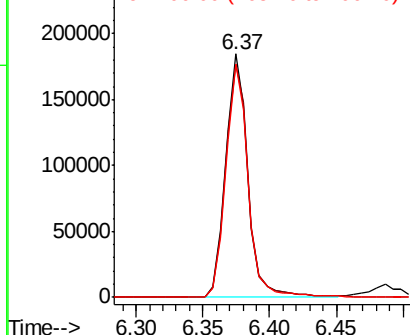
#9
Benzaldehyde
Concen: 53.885 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 217250
Ion Ratio Lower Upper
77 100
105 96.1 81.8 121.8
106 95.9 77.3 117.3

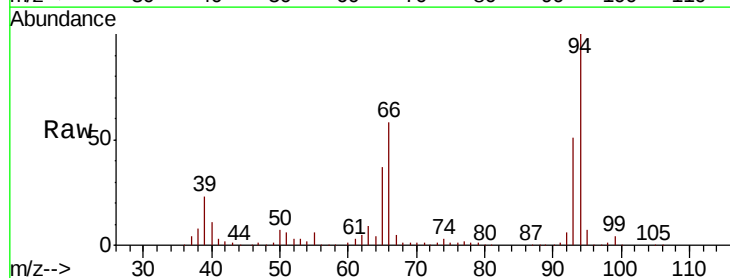


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

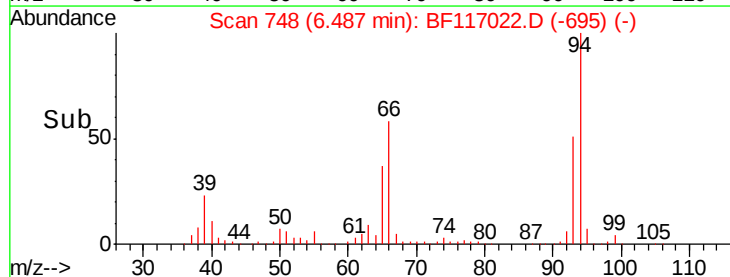
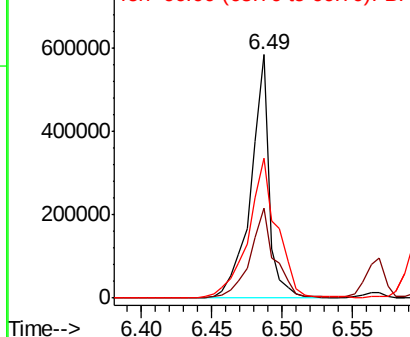


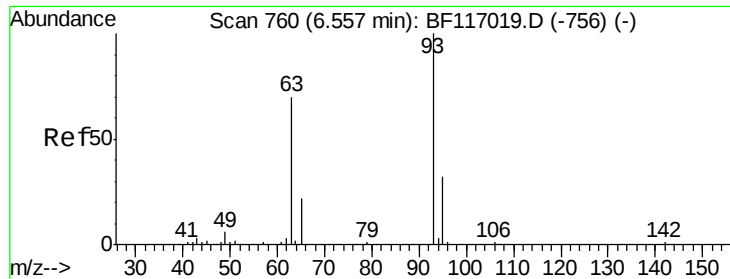
#10
Phenol
Concen: 78.810 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion: 94 Resp: 534056
Ion Ratio Lower Upper
94 100
65 36.8 12.5 52.5
66 57.7 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

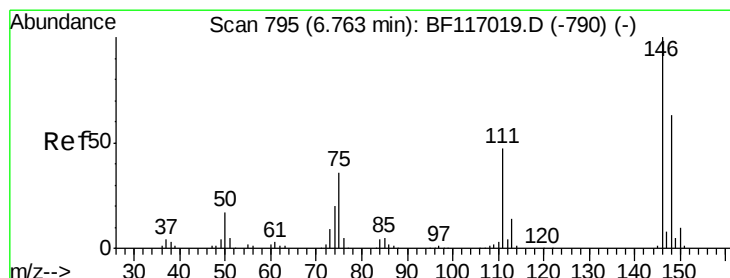
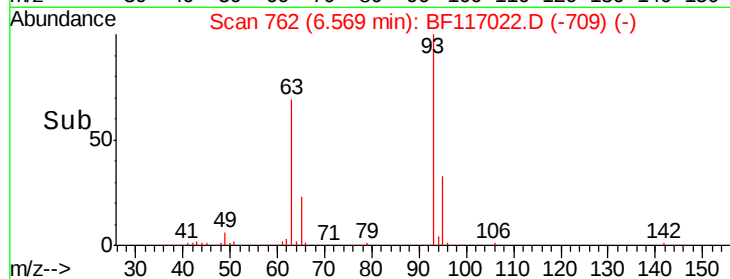
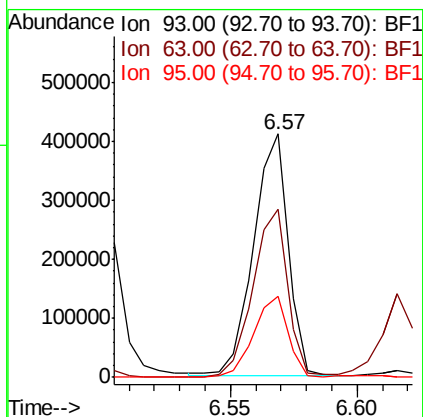
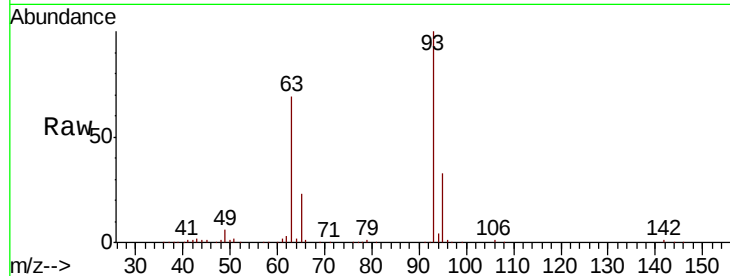




#11
bis(2-Chloroethyl)ether
Concen: 74.426 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

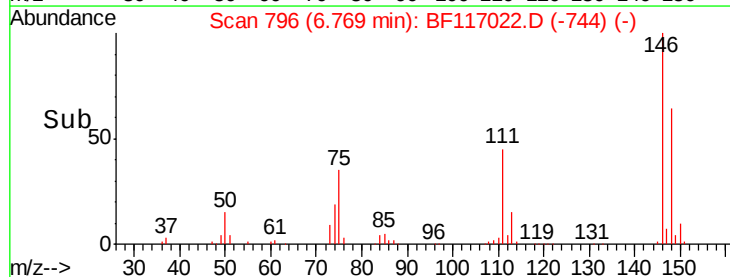
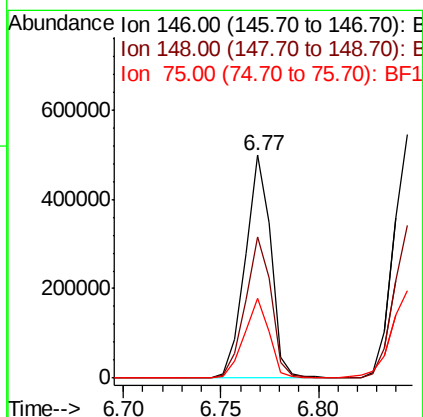
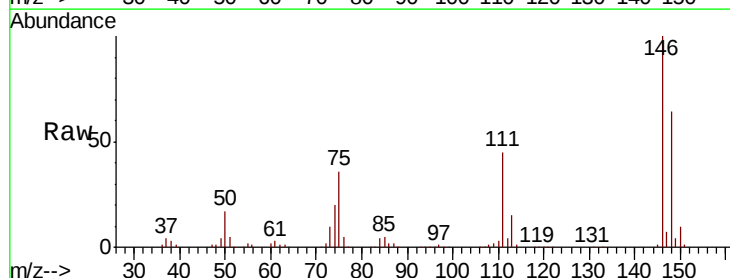
Instrument :
BNA_F
ClientSampleId :

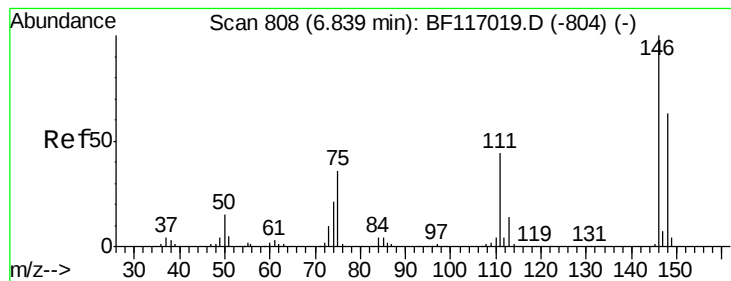
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.8	49.3	89.3
95	33.1	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 79.034 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
75	35.7	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 80.977 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

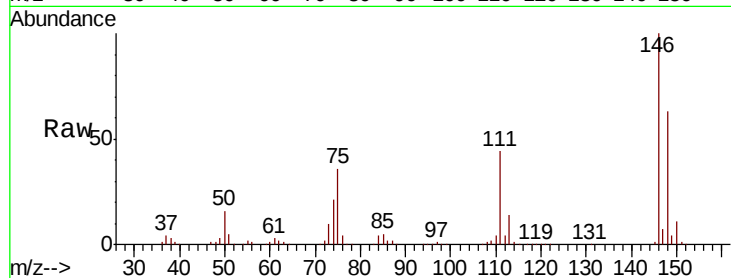
Tot Ion:146 Resp: 463559

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

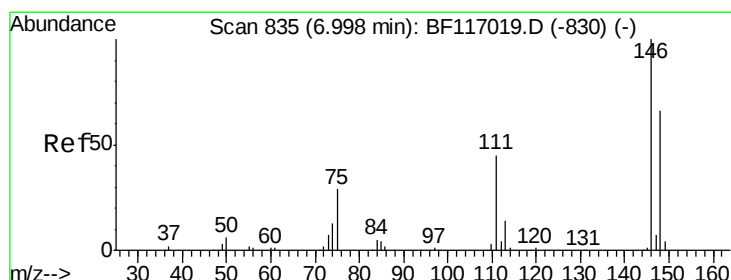
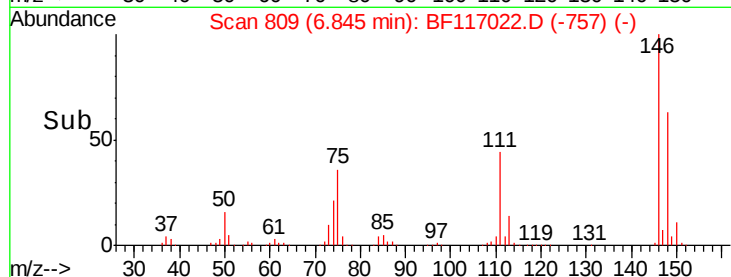
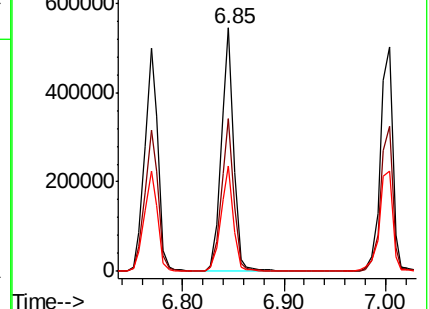
111 43.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 80.497 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

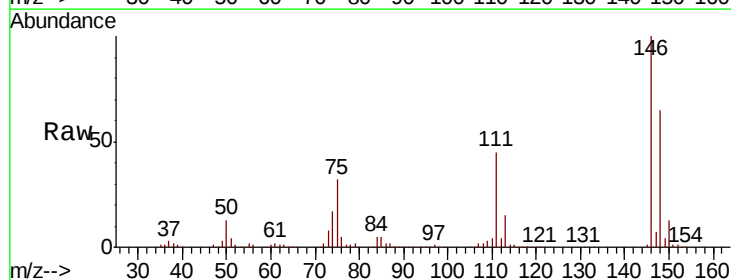
Tgt Ion:146 Resp: 427044

Ion Ratio Lower Upper

146 100

148 65.0 52.6 78.8

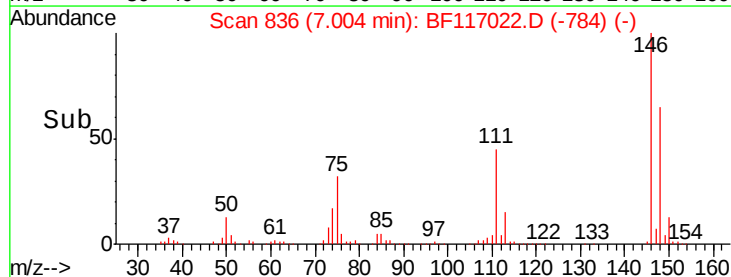
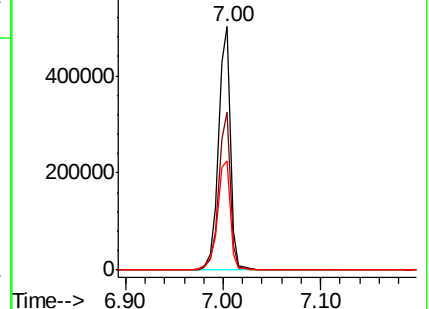
111 44.6 36.2 54.2

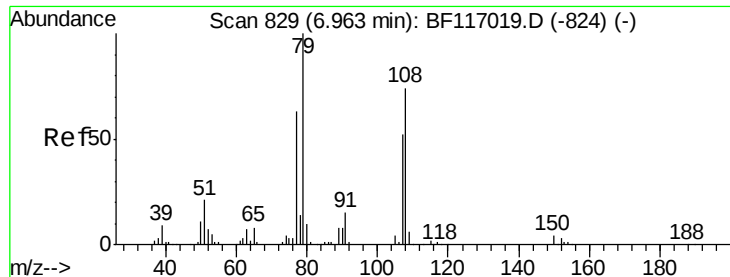


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 75.259 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampled :

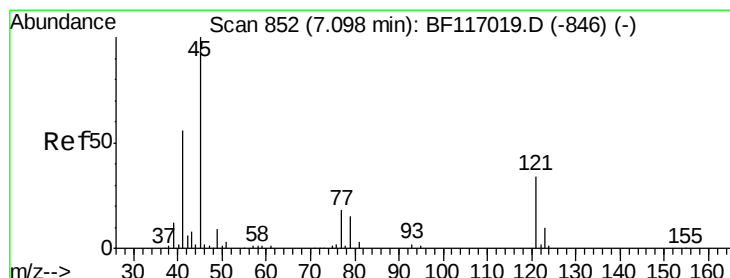
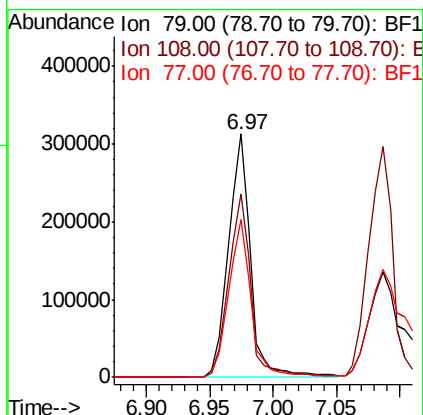
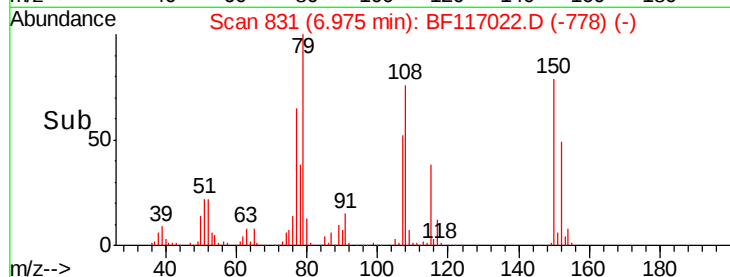
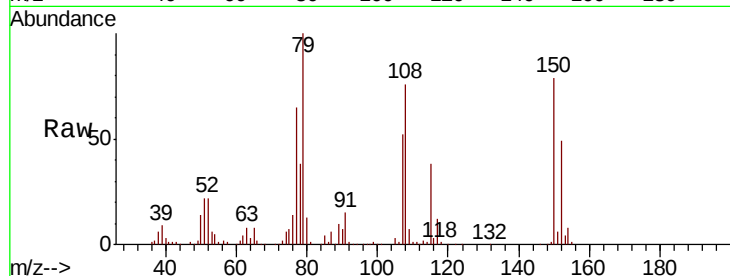
Tot Ion: 79 Resp: 373851

Ion Ratio Lower Upper

79 100

108 75.5 59.4 89.0

77 65.0 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 63.419 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

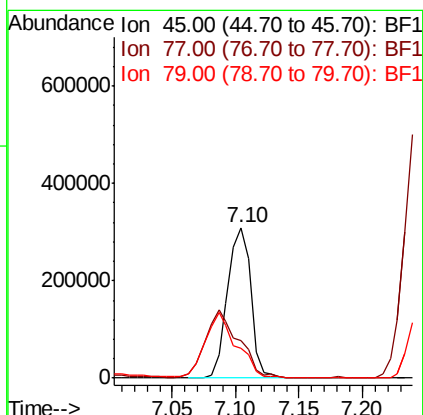
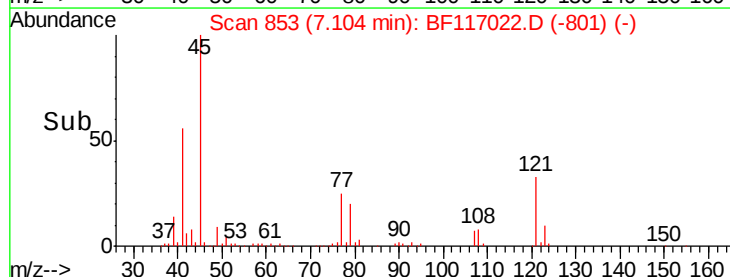
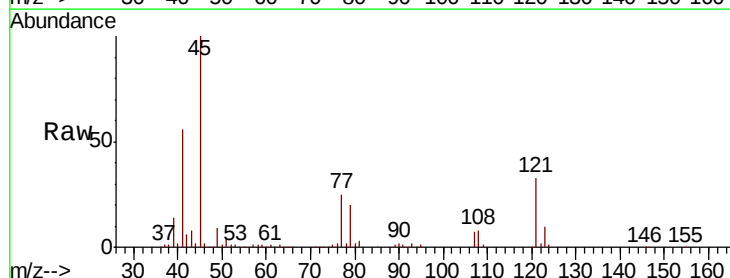
Tgt Ion: 45 Resp: 392602

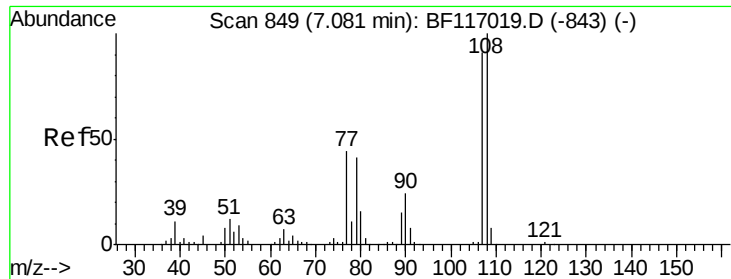
Ion Ratio Lower Upper

45 100

77 25.2 2.7 42.7

79 19.8 0.0 38.9

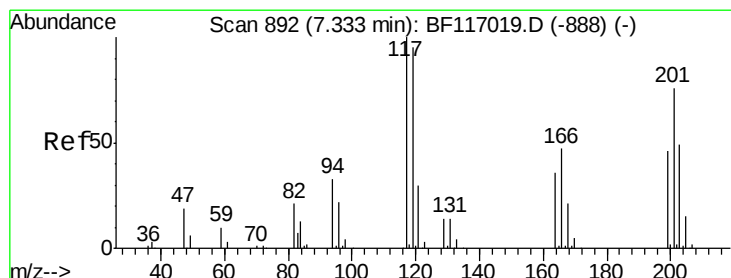
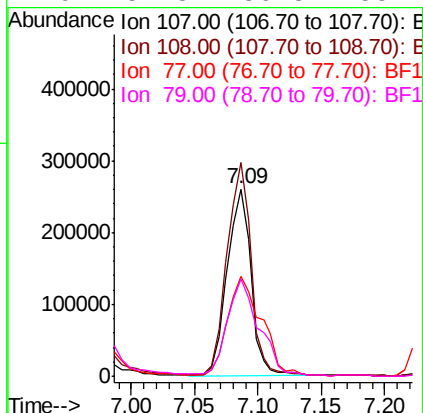
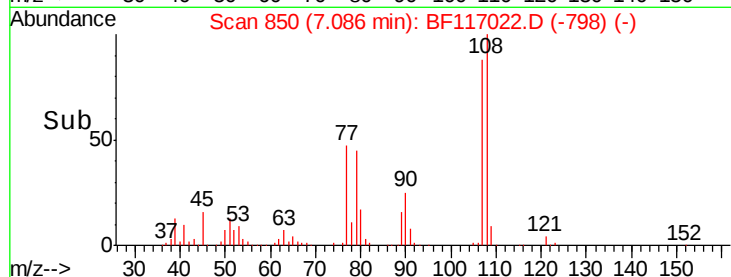
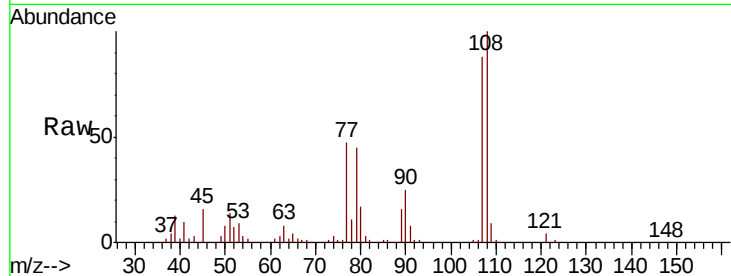




#17
2-Methylphenol
Concen: 76.389 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

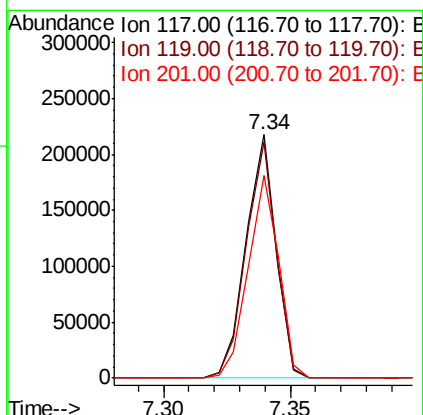
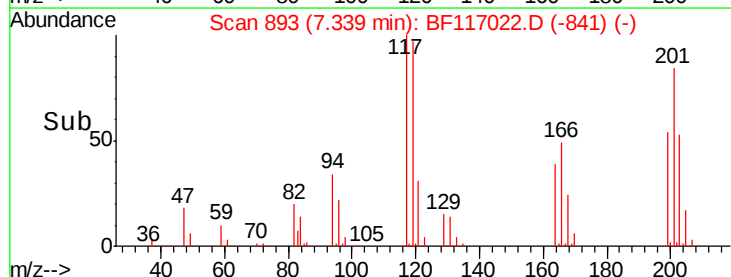
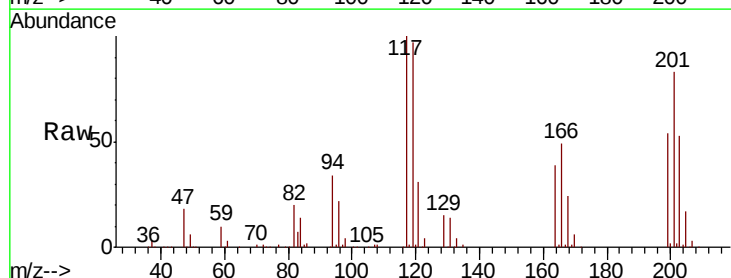
Instrument :
BNA_F
ClientSampled :

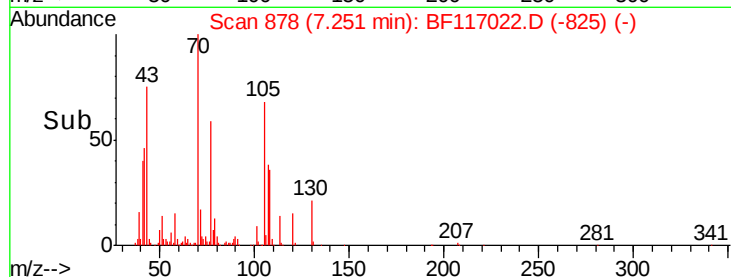
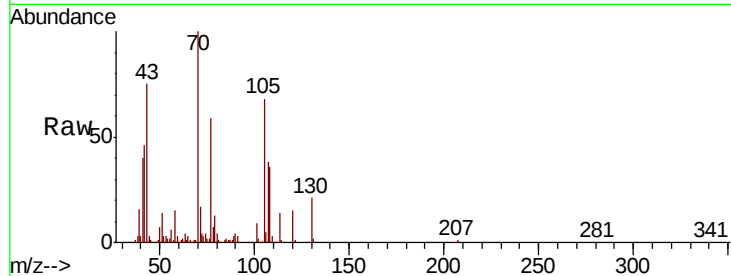
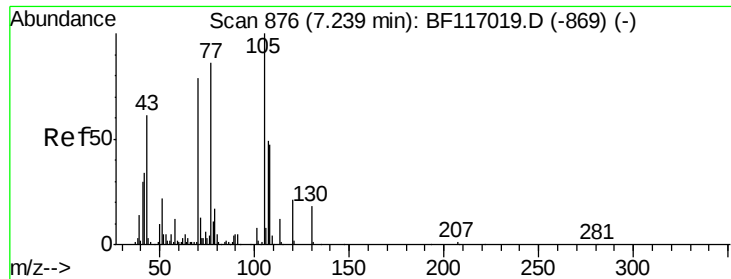
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	87.7	131.5
77	53.4	38.6	58.0
79	51.8	36.8	55.2



#18
Hexachloroethane
Concen: 80.820 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	83.4	60.9	91.3

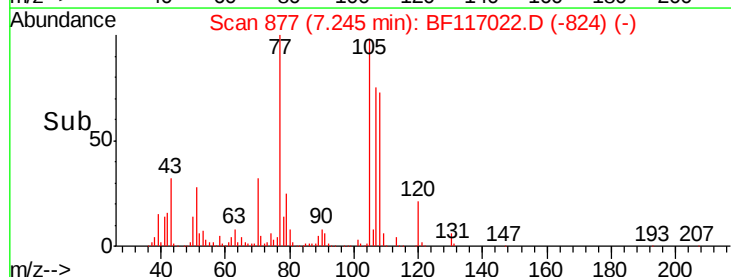
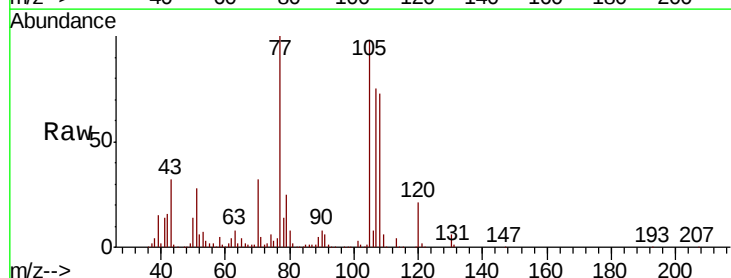
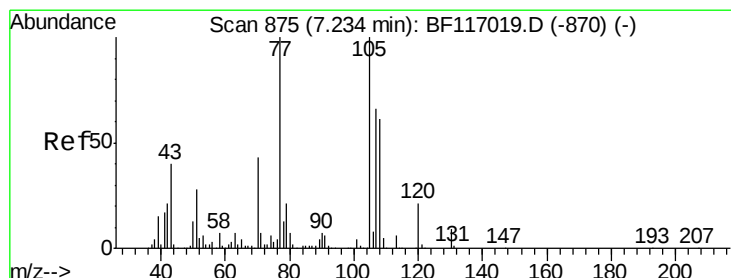
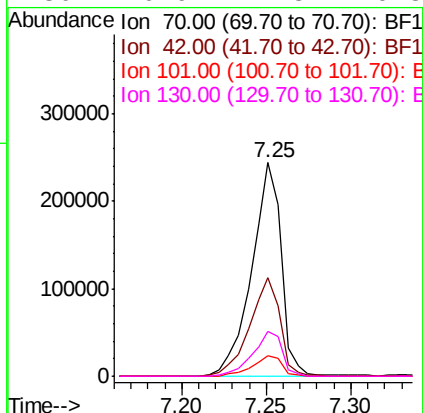




#19
n-Nitroso-di-n-propylamine
Concen: 73.943 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

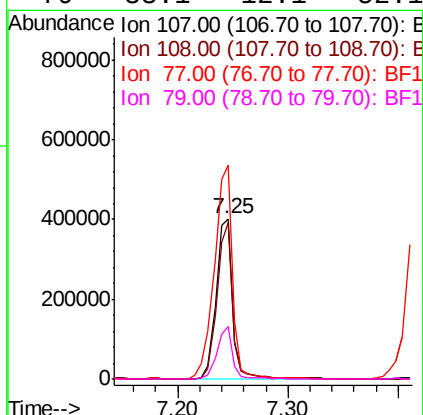
Instrument :
BNA_F
ClientSampleId :

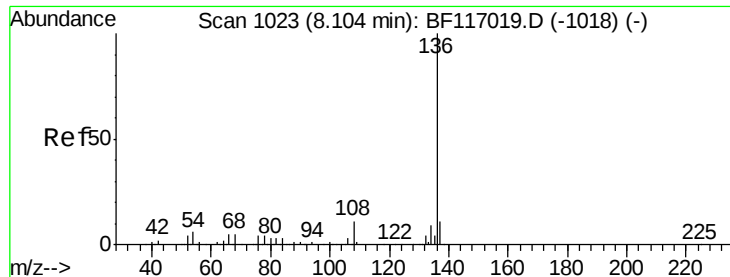
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	34.0	51.0
101	9.4	7.8	11.6
130	20.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 79.616 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.9	72.6	112.6
77	133.0	132.1	172.1
79	33.1	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 312096

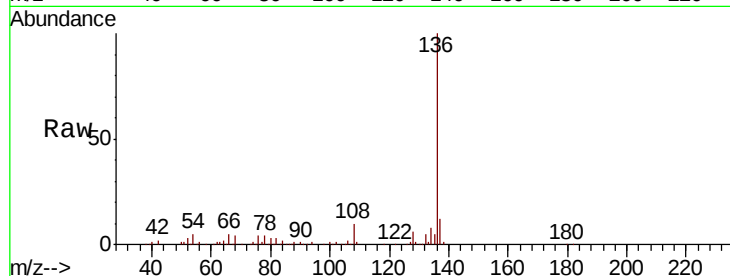
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 5.2 4.5 6.7

68 4.5 4.0 6.0

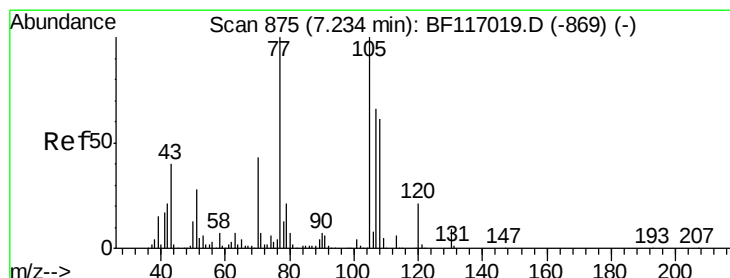
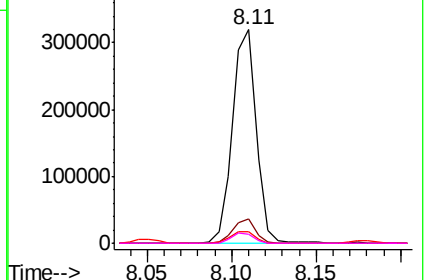
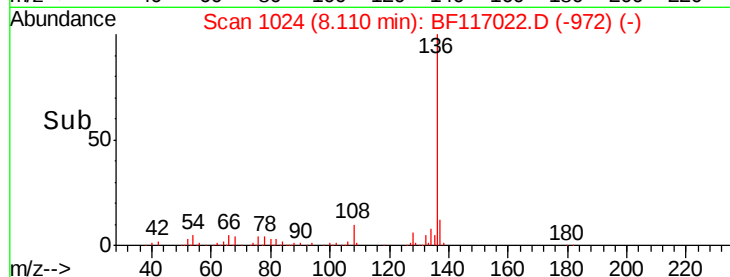


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.682 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Tgt Ion:105 Resp: 613735

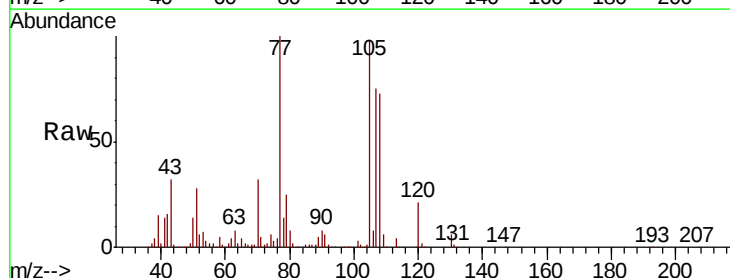
Ion Ratio Lower Upper

105 100

71 5.3 5.7 8.5#

51 28.2 22.1 33.1

120 21.4 17.1 25.7

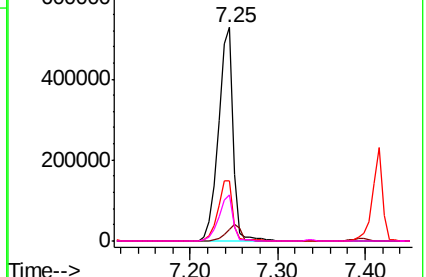
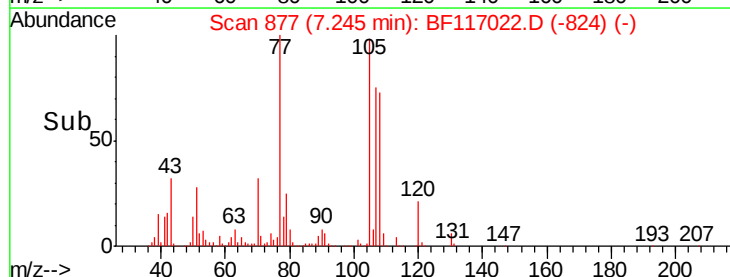


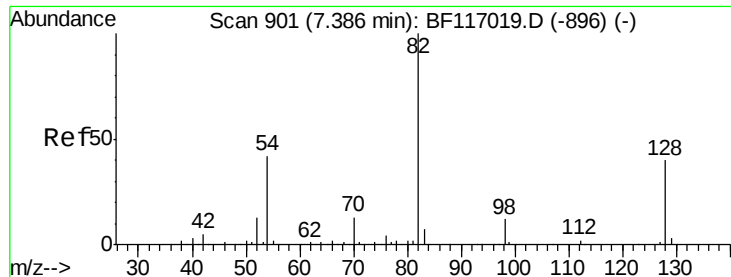
Abundance Ion 105.00 (104.70 to 105.70): E

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

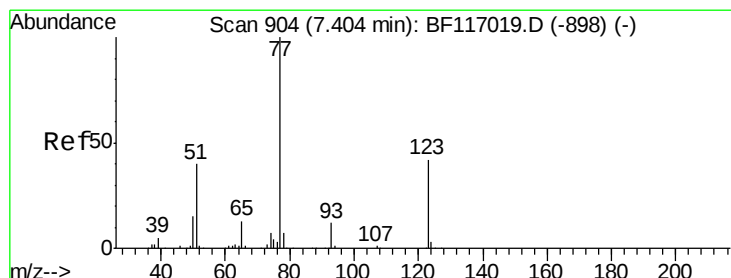
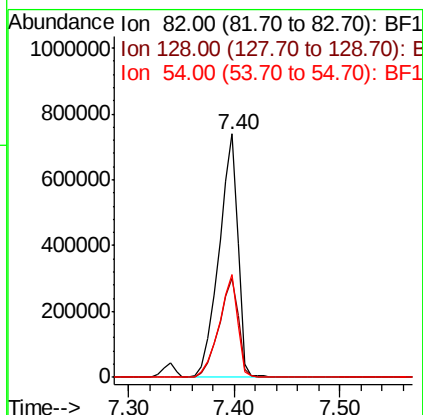
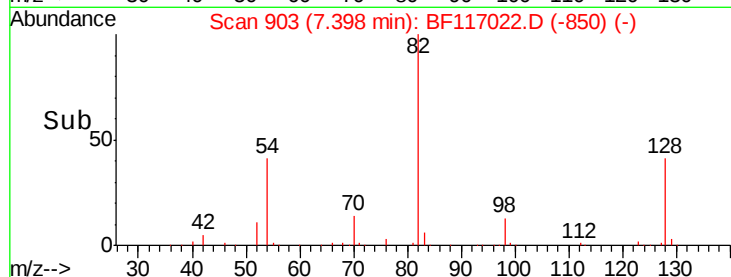
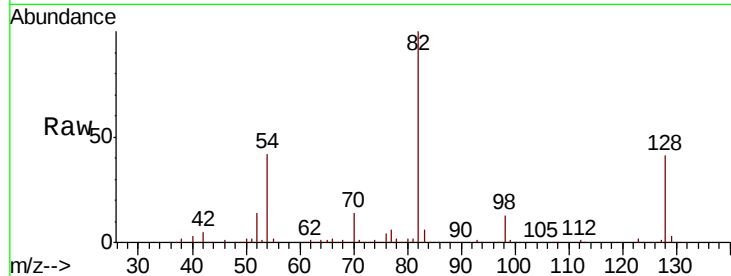




#23
 Nitrobenzene-d5
 Concen: 170.441 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

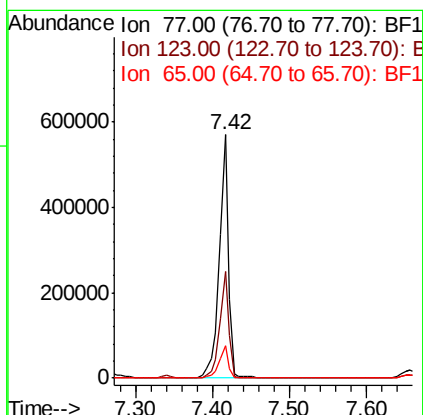
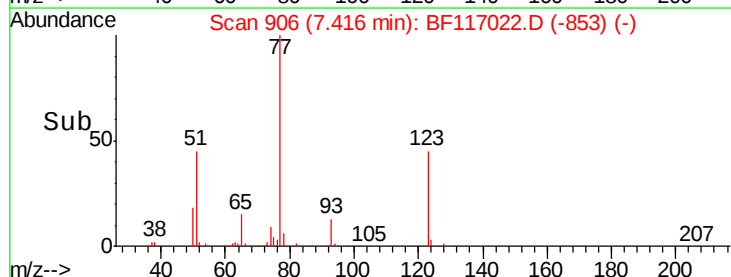
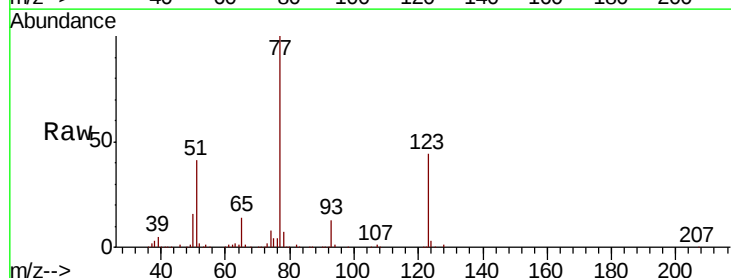
Instrument :
 BNA_F
 ClientSampled :

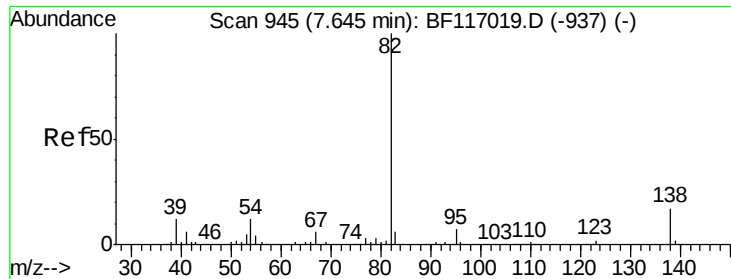
Tot Ion: 82 Resp: 931802
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.3 48.5
 54 42.3 33.3 49.9



#24
 Nitrobenzene
 Concen: 83.018 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion: 77 Resp: 461592
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.5 50.3
 65 13.5 10.5 15.7





#25

Isophorone

Concen: 74.387 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

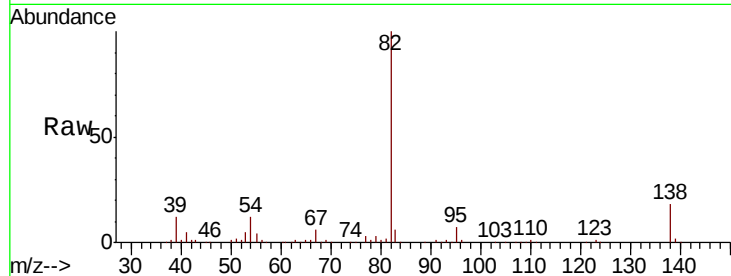
Tot Ion: 82 Resp: 824065

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

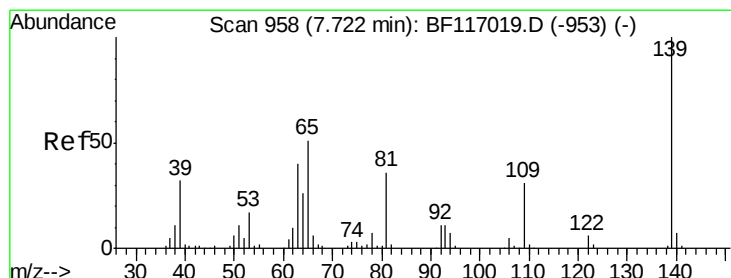
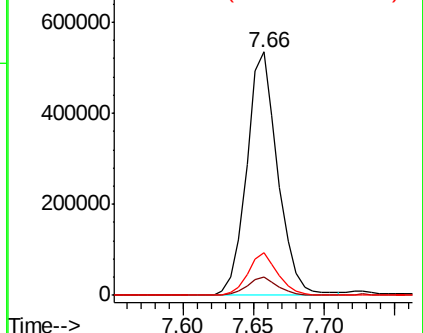
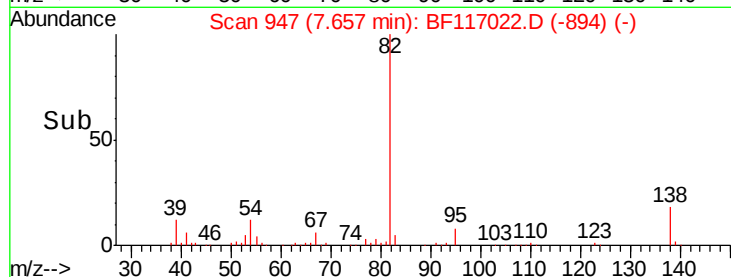
138 17.7 13.5 20.3



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: 101.102 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

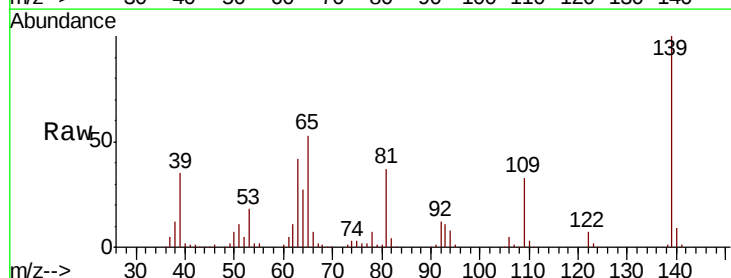
Tgt Ion: 139 Resp: 208995

Ion Ratio Lower Upper

139 100

109 33.5 24.6 36.8

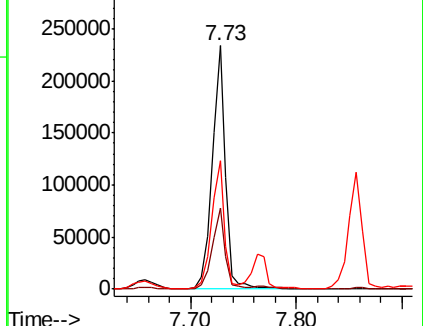
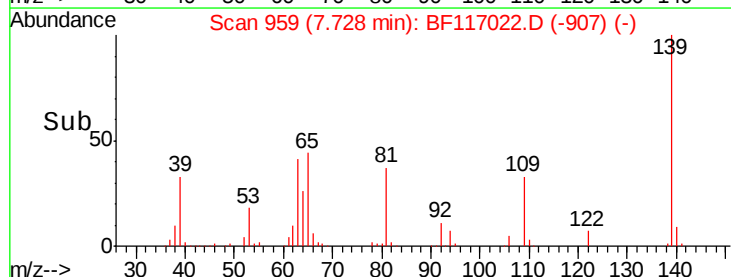
65 52.9 40.9 61.3

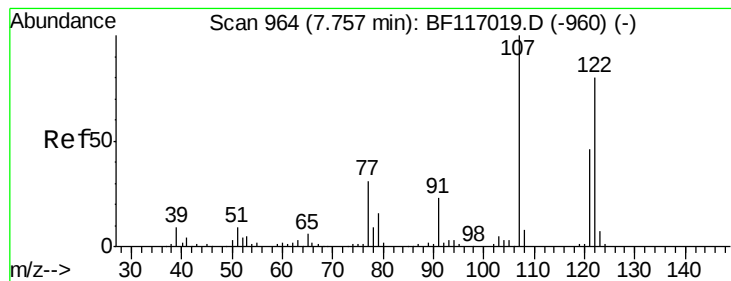


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

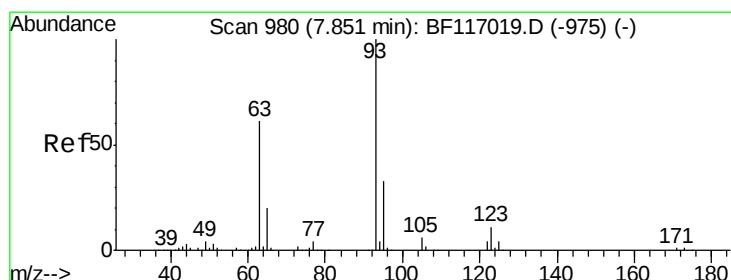
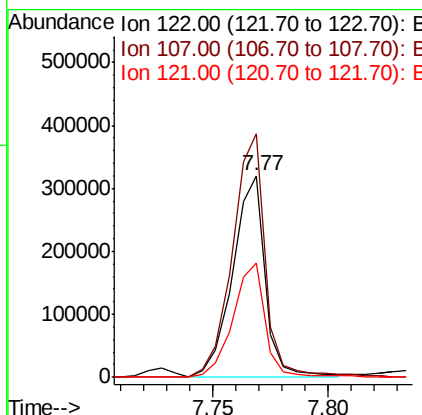
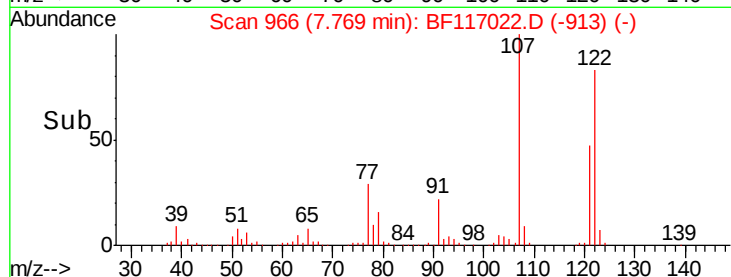
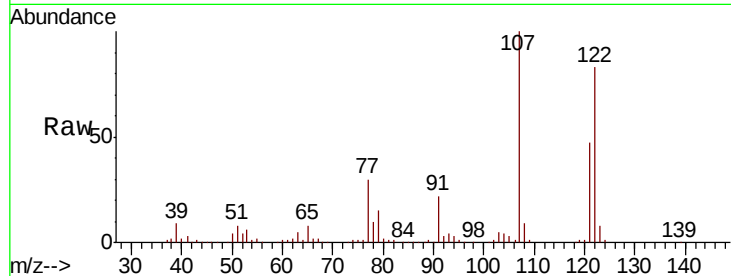




#27
 2,4-Dimethylphenol
 Concen: 75.129 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

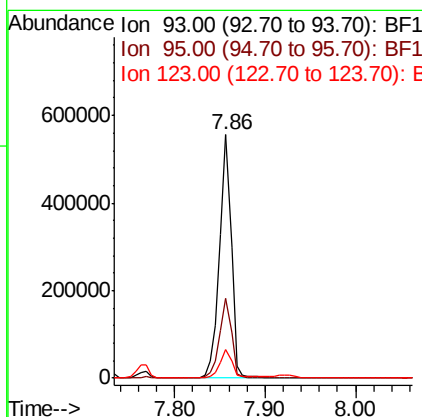
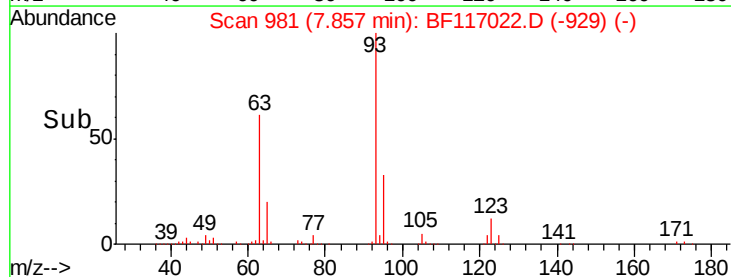
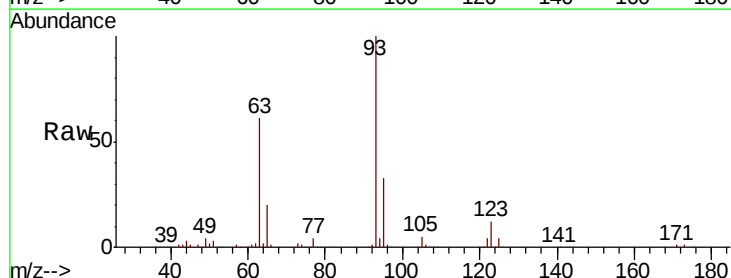
Instrument :
 BNA_F
 ClientSampleID :

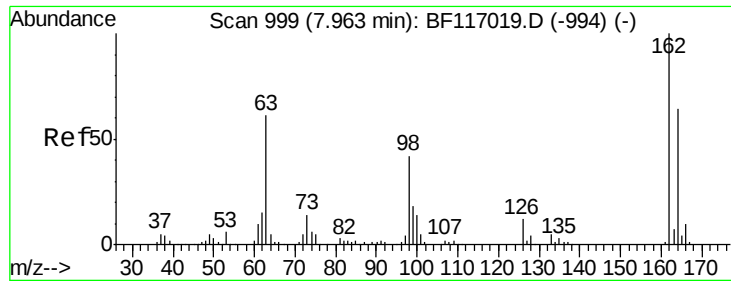
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	98.9	148.3
121	56.8	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 73.588 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.7	9.0	13.6

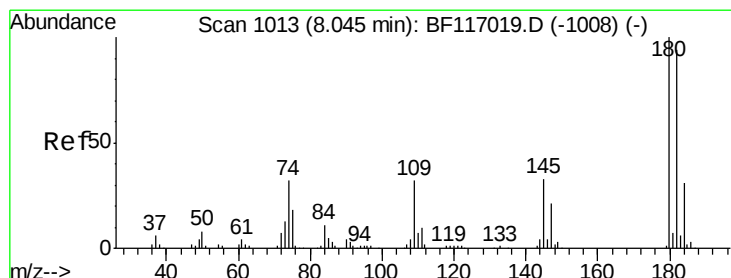
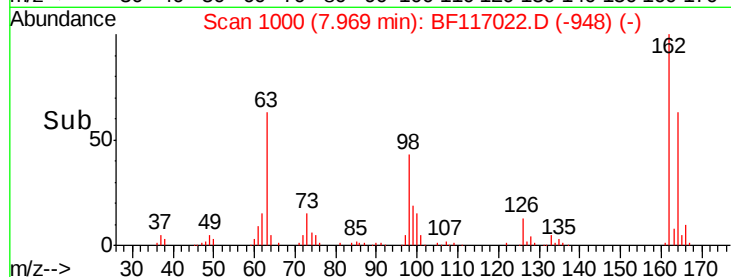
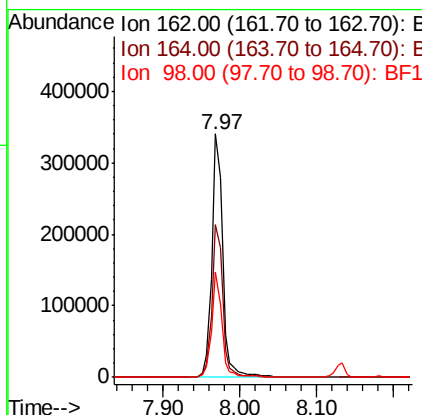
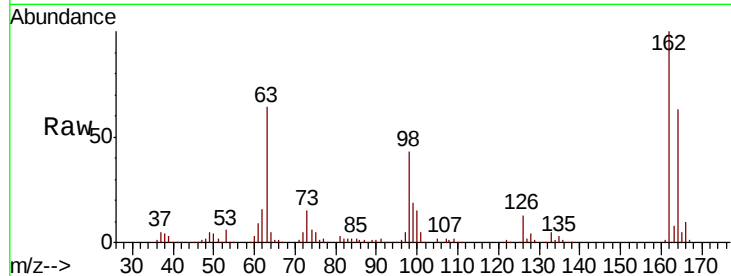




#29
 2,4-Dichlorophenol
 Concen: 81.499 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

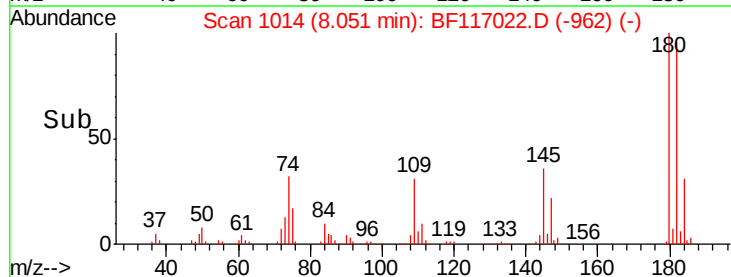
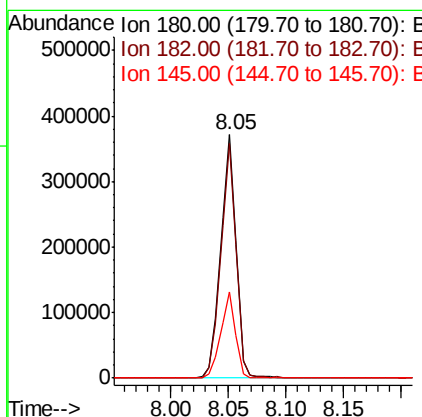
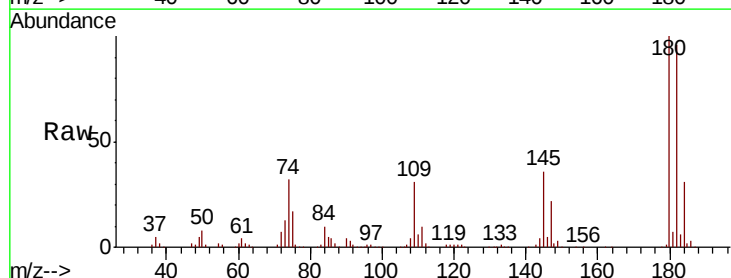
Instrument :
 BNA_F
 ClientSampleId :

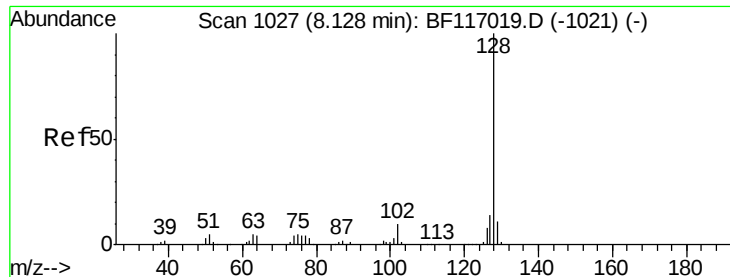
Tot Ion:162 Resp: 326983
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.8 83.8
 98 43.1 22.1 62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 79.419 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:180 Resp: 345607
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.4 113.0
 145 35.6 26.7 40.1

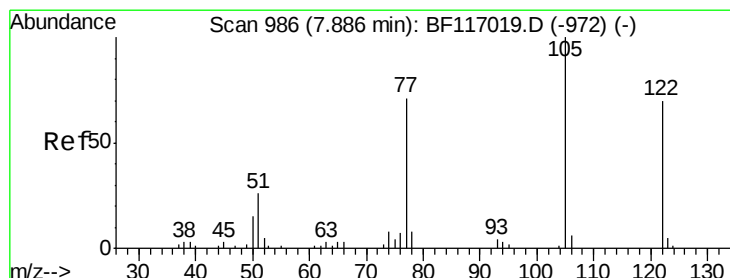
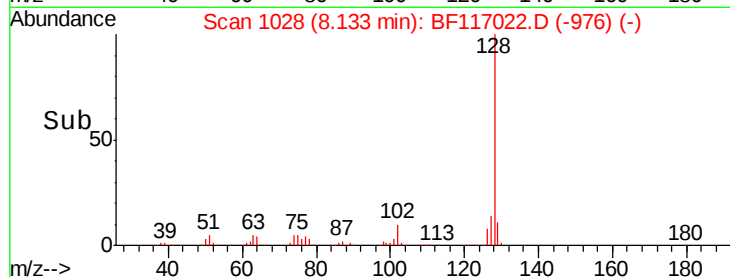
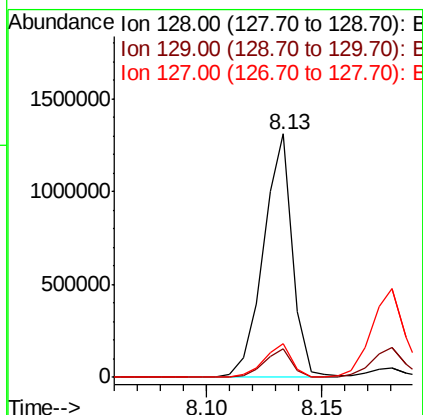
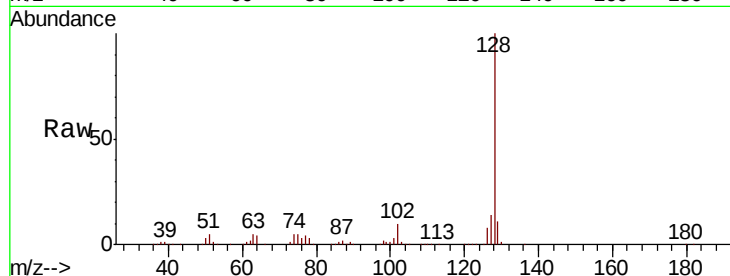




#31
Naphthalene
Concen: 77.002 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

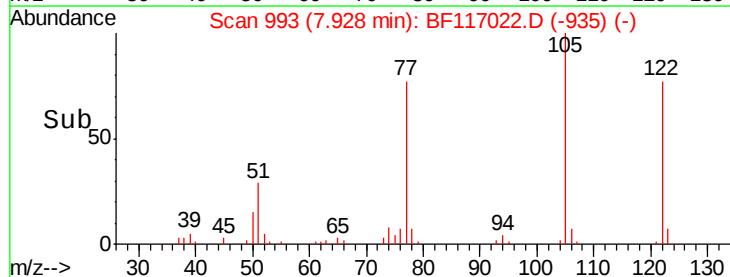
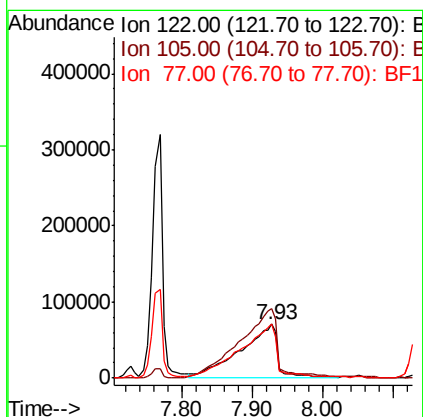
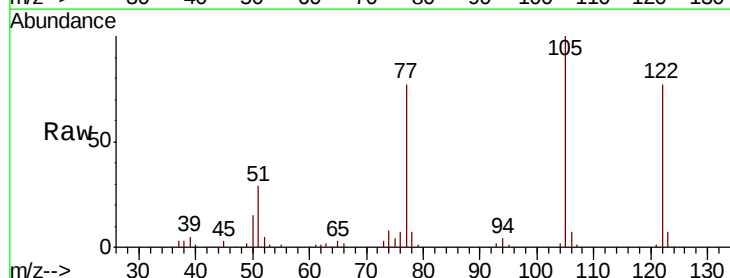
Instrument :
BNA_F
ClientSampleId :

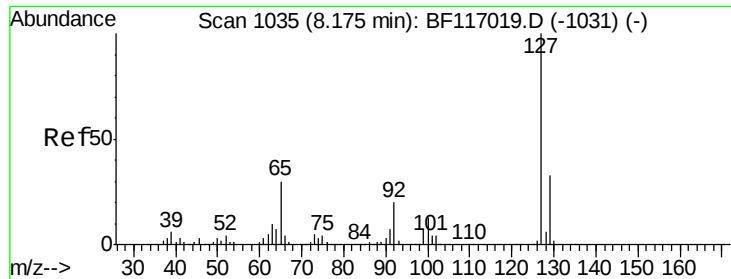
Tot Ion:128 Resp: 1142742
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 109.405 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:122 Resp: 257898
Ion Ratio Lower Upper
122 100
105 129.7 114.8 154.8
77 100.3 78.7 118.7

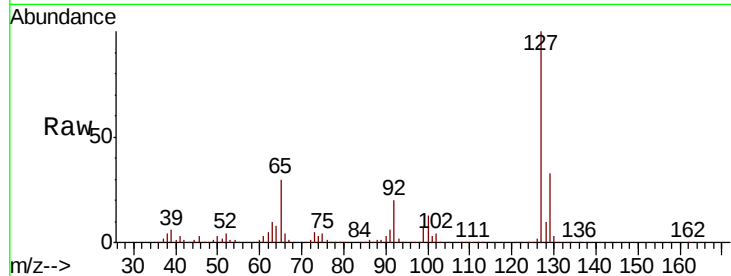




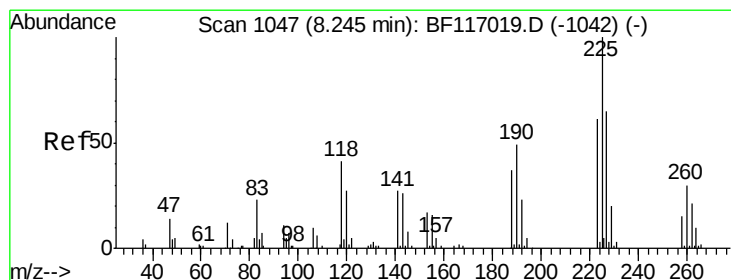
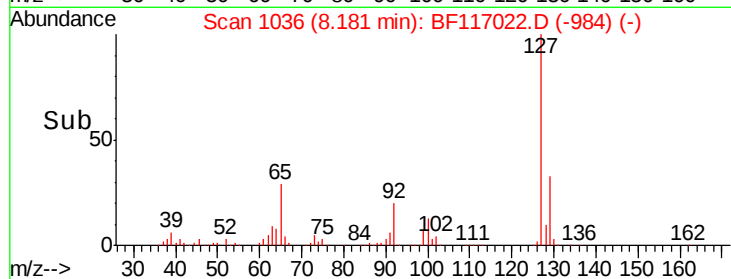
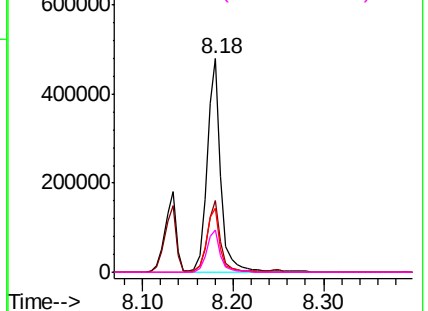
#33
4-Chloroaniline
Concen: 75.298 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	508666
Ion Ratio	Lower	Upper
127 100		
129 33.3	26.2	39.2
65 30.0	23.5	35.3
92 19.7	15.9	23.9

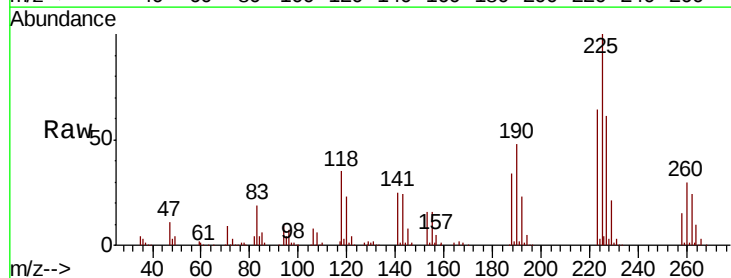


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

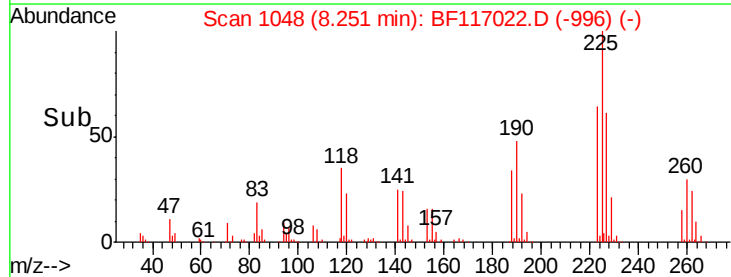
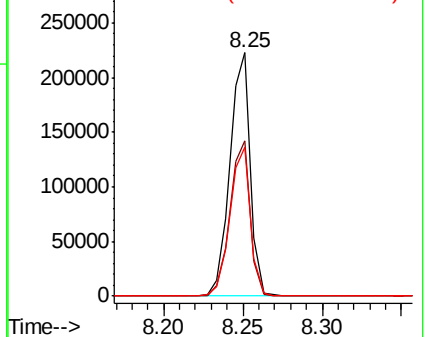


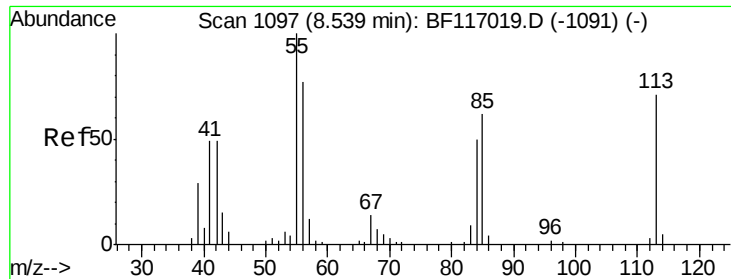
#34
Hexachlorobutadiene
Concen: 83.683 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:225	Resp:	198559
Ion Ratio	Lower	Upper
225 100		
223 63.6	49.1	73.7
227 61.4	52.2	78.2



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

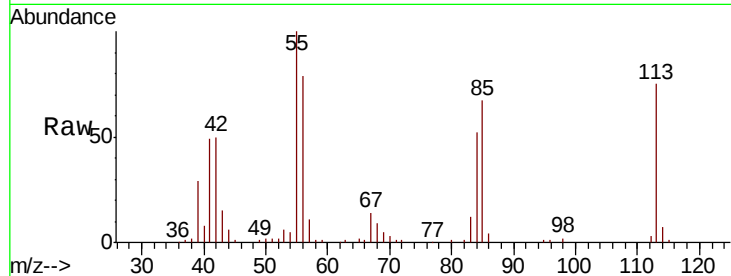




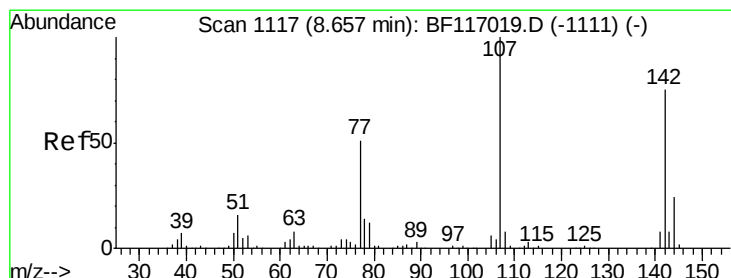
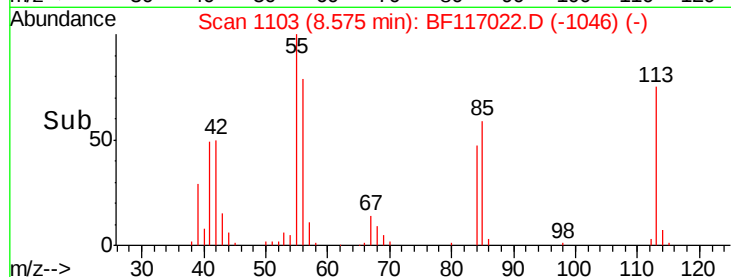
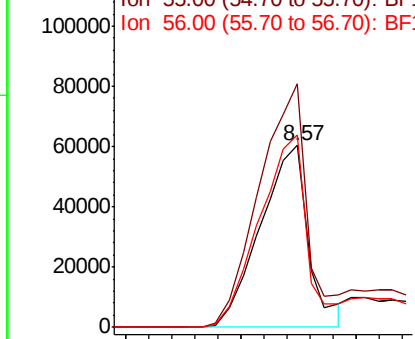
#35
Caprolactam
Concen: 57.818 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.04 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 86815
Ion Ratio Lower Upper
113 100
55 133.9 120.6 160.6
56 105.9 88.8 128.8

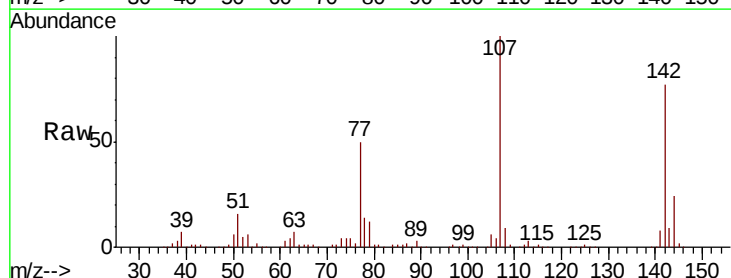


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

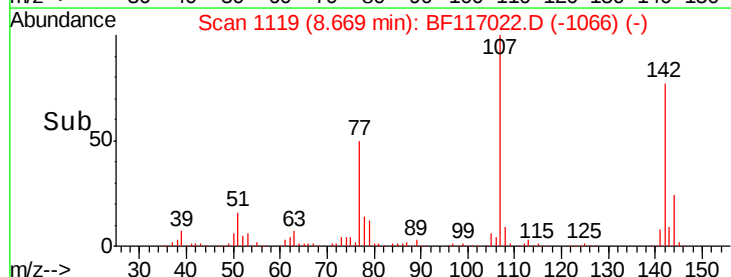
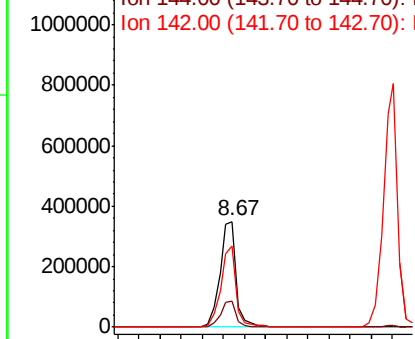


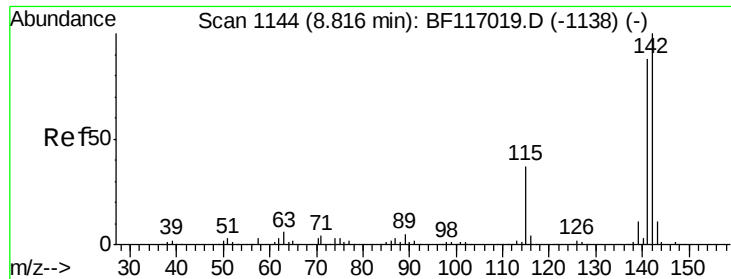
#36
4-Chloro-3-methylphenol
Concen: 81.954 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:107 Resp: 377915
Ion Ratio Lower Upper
107 100
144 24.4 19.2 28.8
142 76.9 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

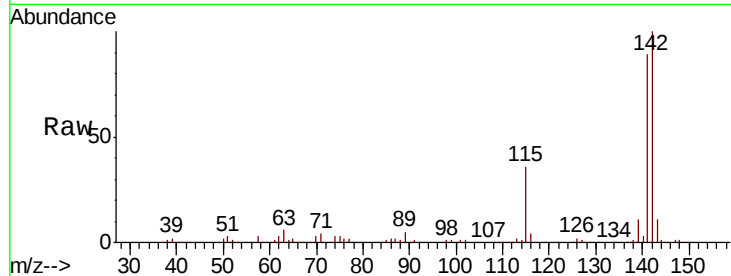




#37
 2-Methylnaphthalene
 Concen: 77.596 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	36.0	29.4	44.0

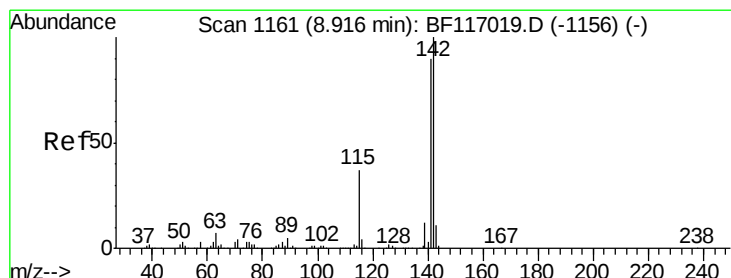
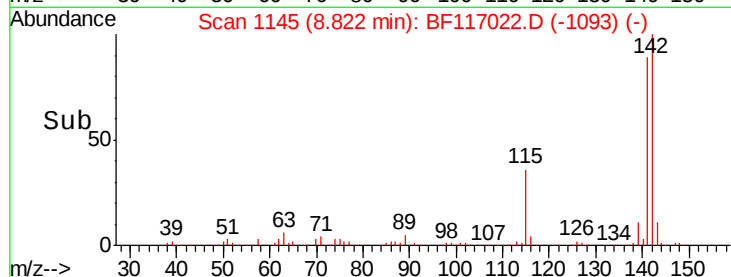
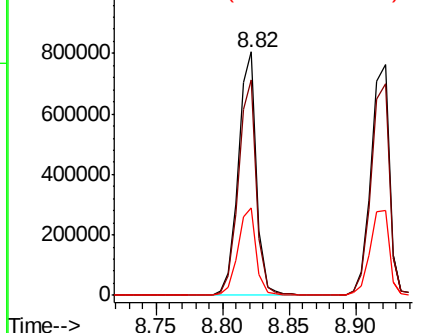


Abundance

Ion 142.00 (141.70 to 142.70): E

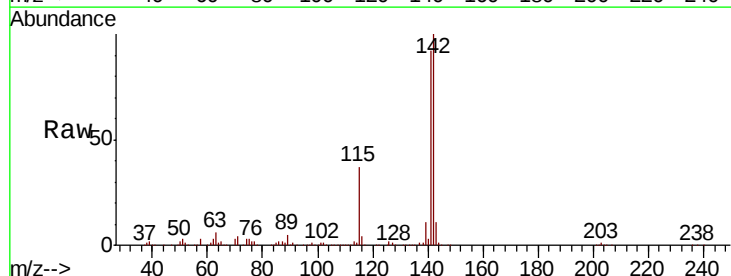
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 77.163 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
116	3.8	3.2	4.8

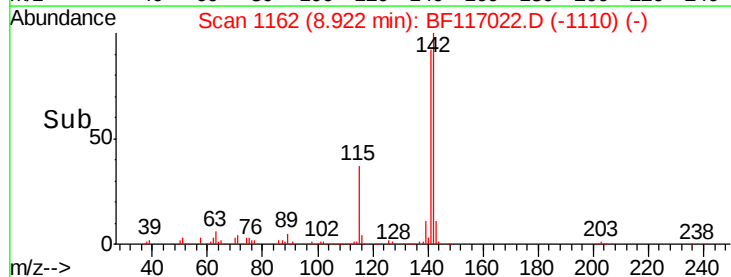
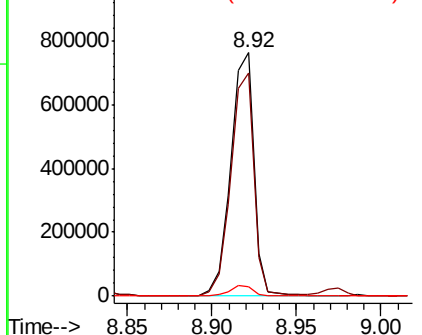


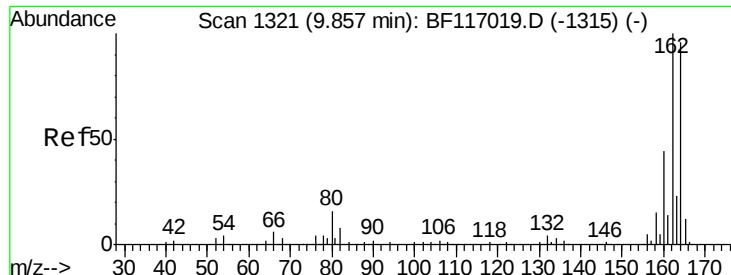
Abundance

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

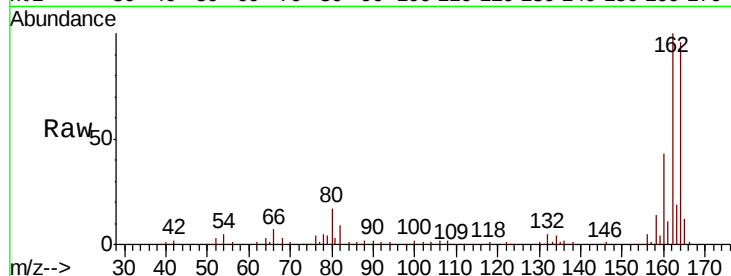




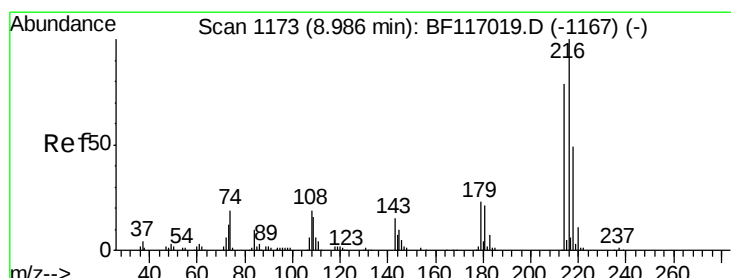
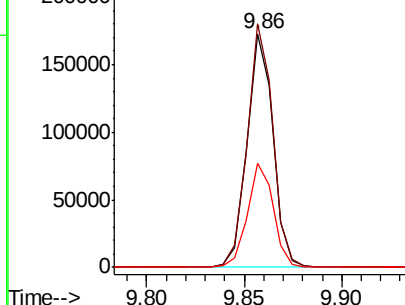
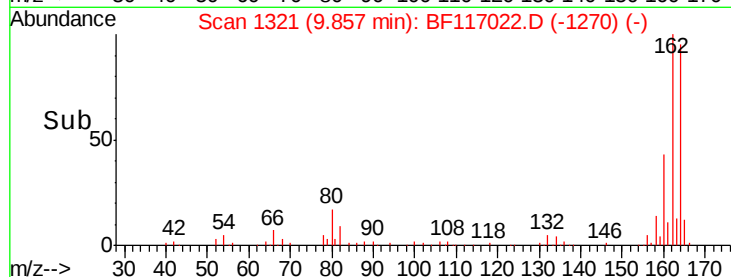
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158789
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.2
160 44.6 36.4 54.6

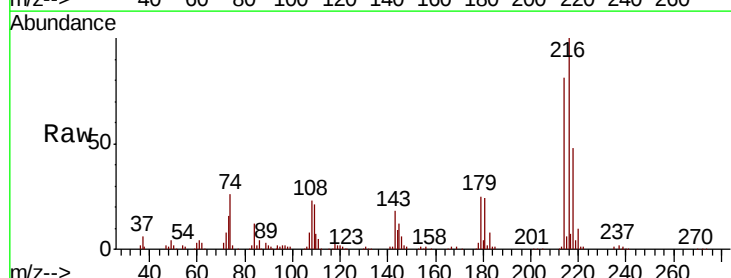


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

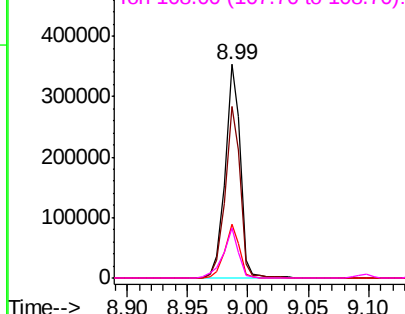
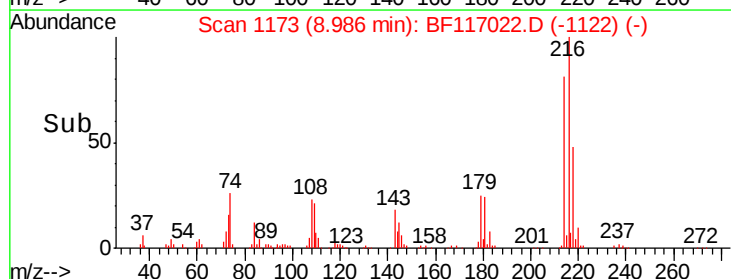


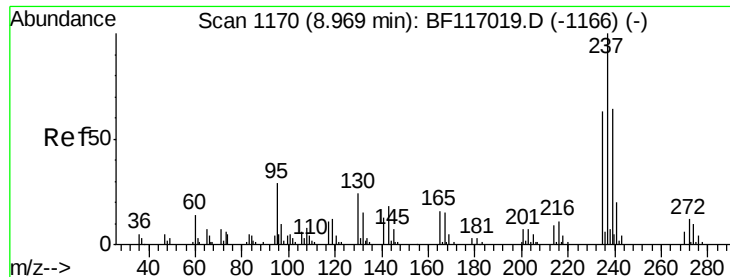
#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.479 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:216 Resp: 306342
Ion Ratio Lower Upper
216 100
214 80.4 63.6 95.4
179 24.3 18.3 27.5
108 23.2 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

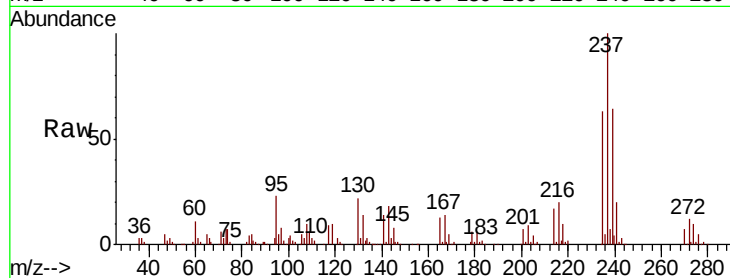




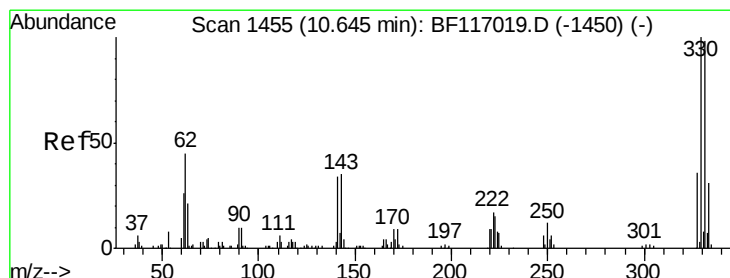
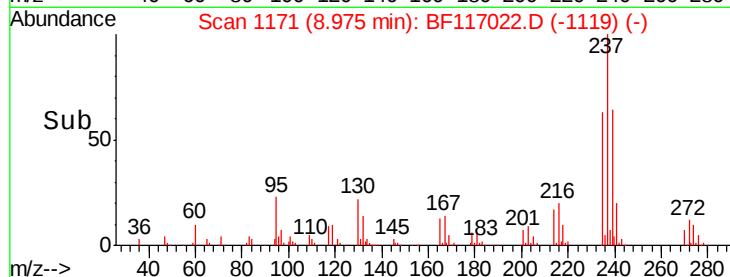
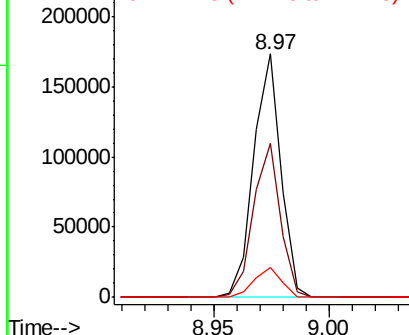
#41
Hexachlorocyclopentadiene
Concen: 65.259 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.2	83.2
272	12.2	0.0	31.9

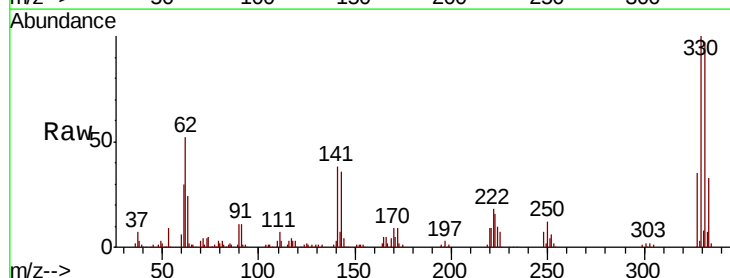


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

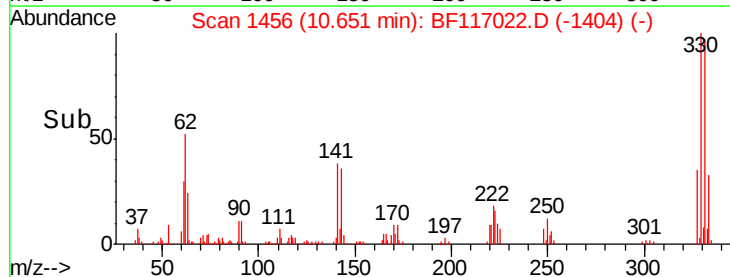
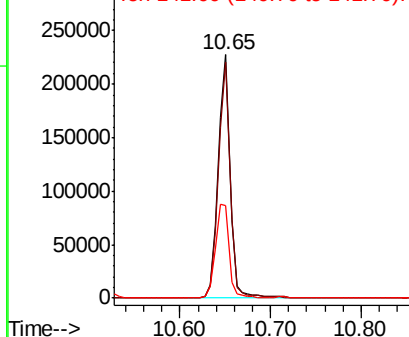


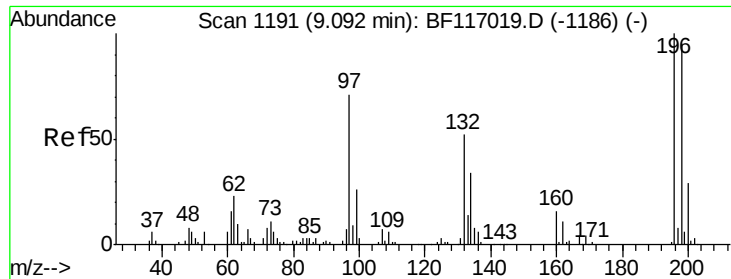
#42
2,4,6-Tribromophenol
Concen: 195.329 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	44.1	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

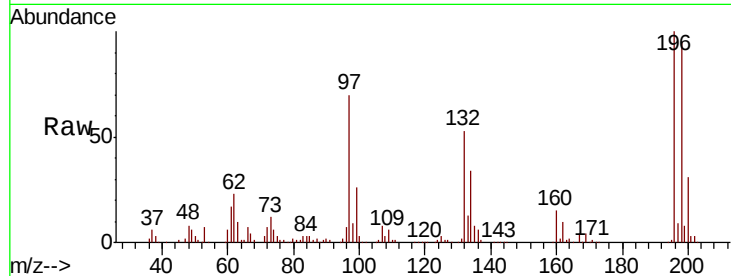




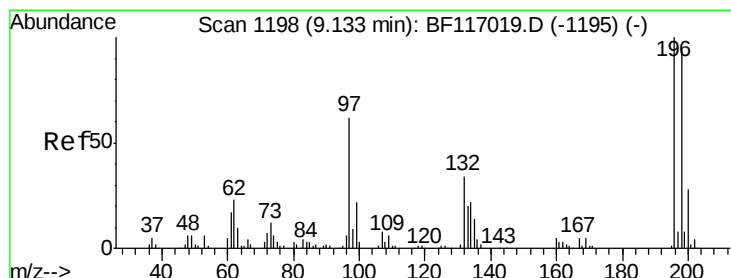
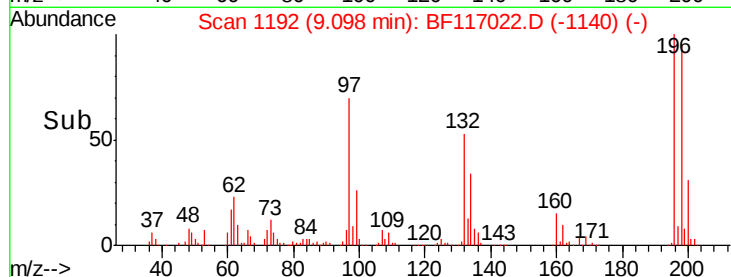
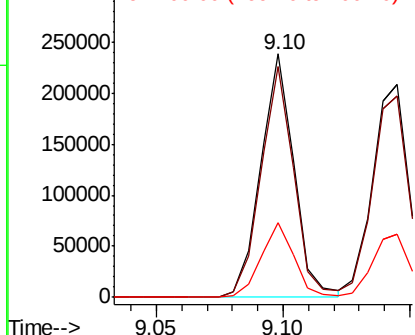
#43
 2,4,6-Trichlorophenol
 Concen: 83.885 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 218882
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.8 23.3 34.9

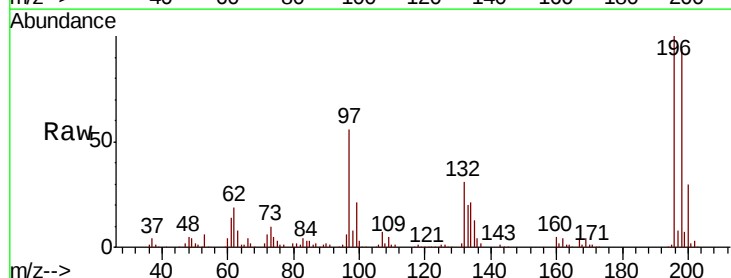


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

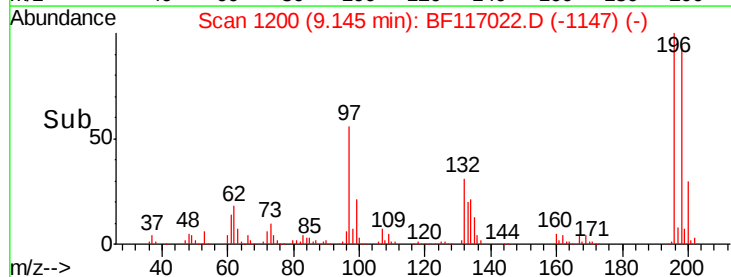
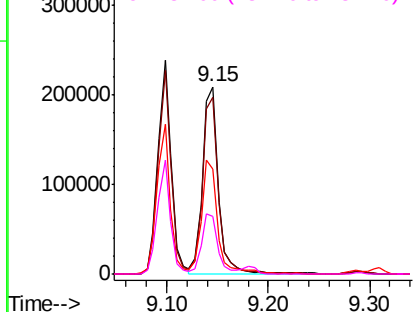


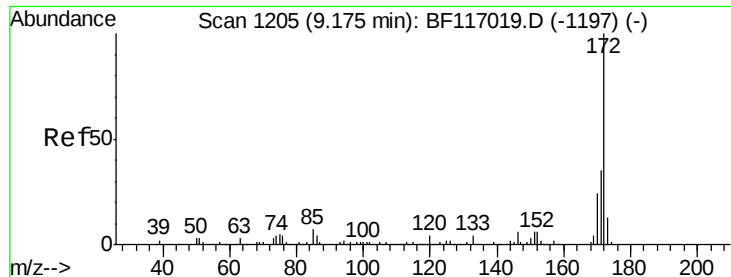
#44
 2,4,5-Trichlorophenol
 Concen: 83.110 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:196 Resp: 225140
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 56.0 49.5 74.3
 132 30.7 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



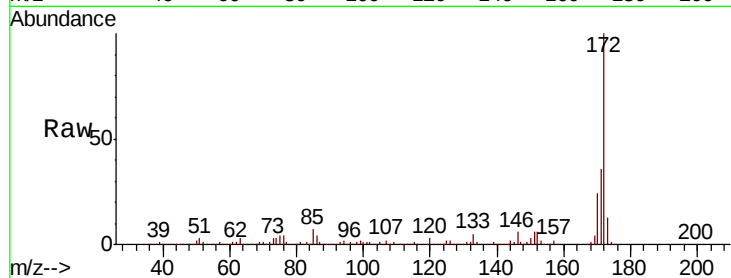


#45
 2-Fluorobiphenyl
 Concen: 157.279 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

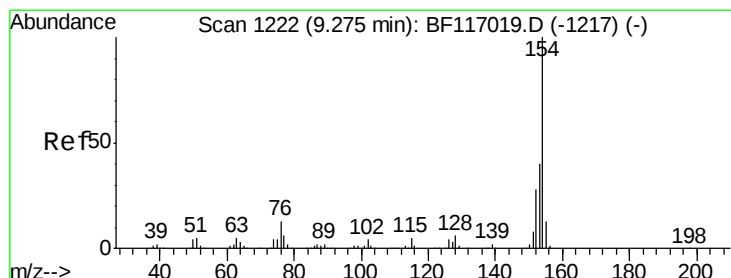
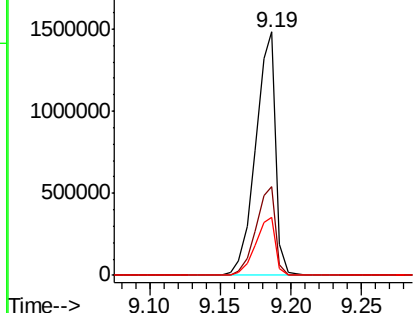
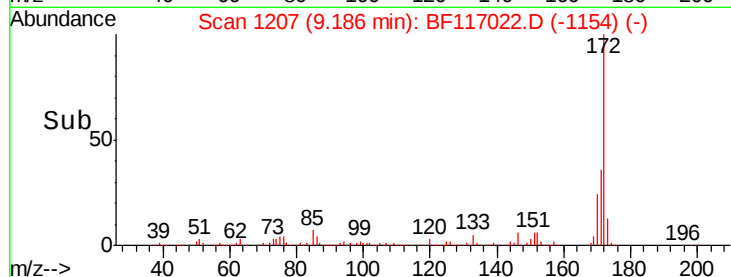
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1480483

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.2
170	24.1	18.9	28.3



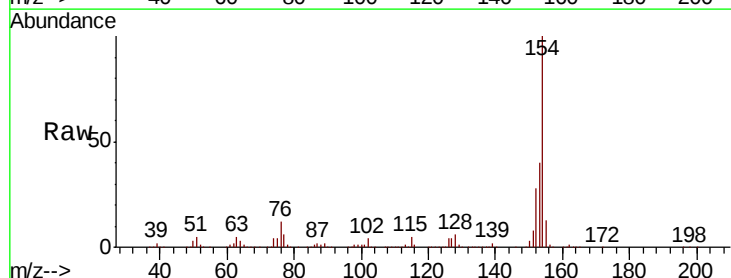
Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



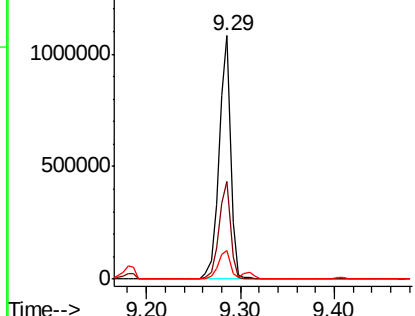
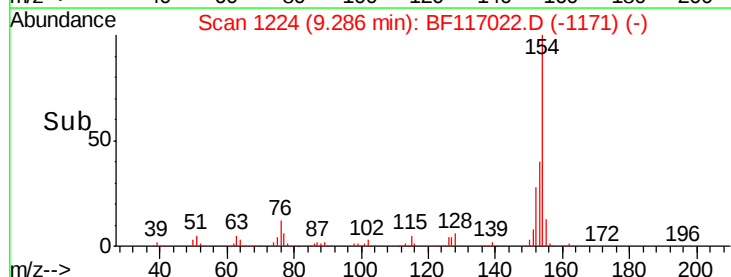
#46
 1,1'-Biphenyl
 Concen: 77.086 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

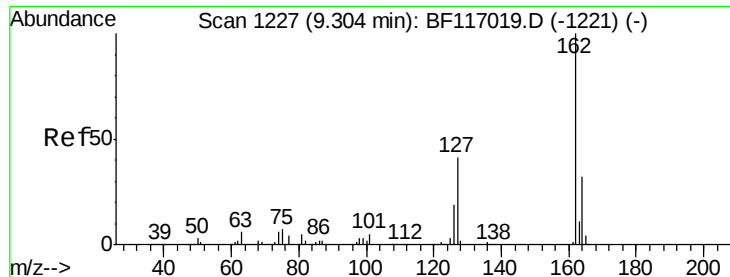
Tgt Ion:154 Resp: 928818

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.0	60.0
76	11.6	0.0	32.7



Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 77.320 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

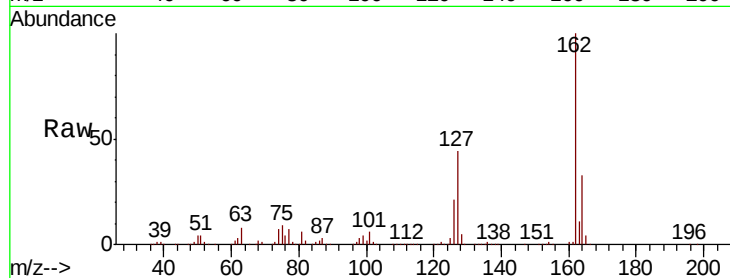
Tot Ion:162 Resp: 737892

Ion Ratio Lower Upper

162 100

127 43.8 34.1 51.1

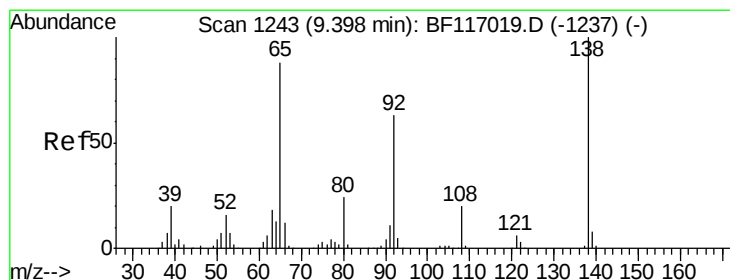
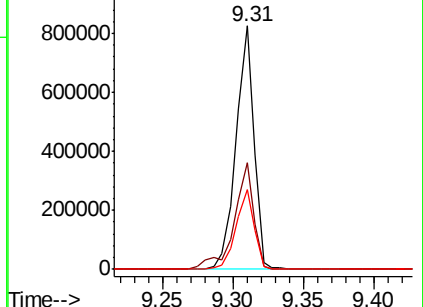
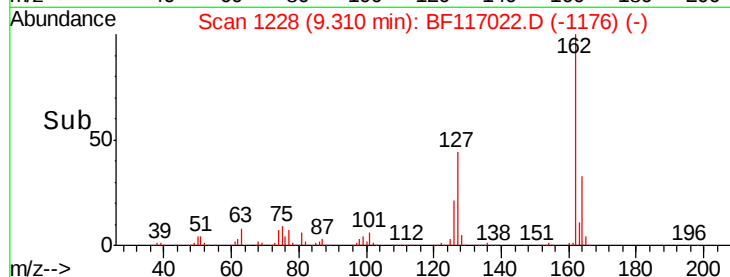
164 32.9 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 92.500 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

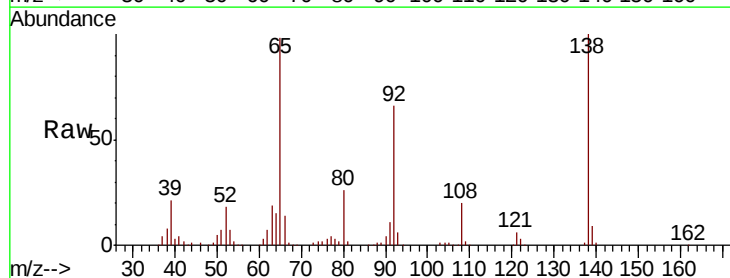
Tgt Ion: 65 Resp: 255208

Ion Ratio Lower Upper

65 100

92 67.2 57.5 86.3

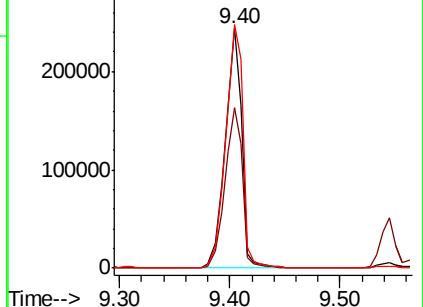
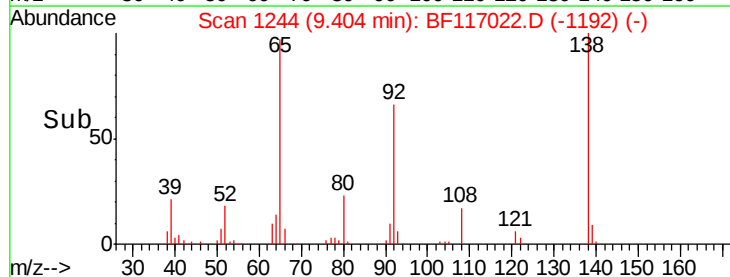
138 101.8 90.6 136.0

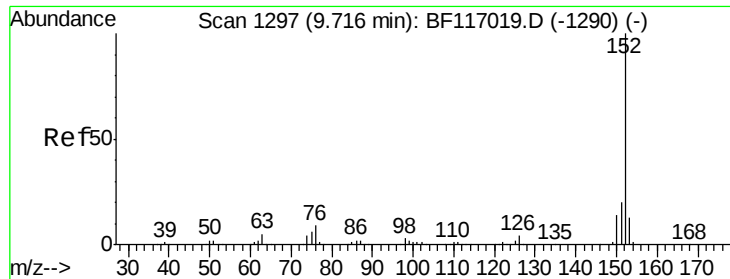


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 76.778 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

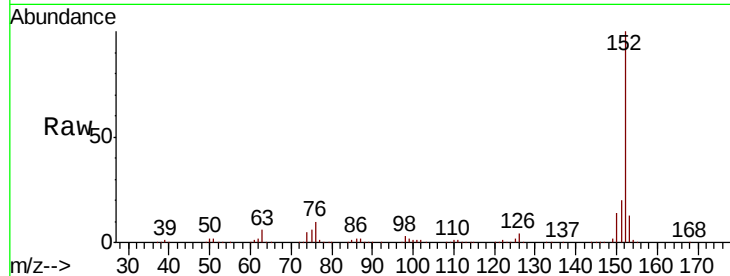
Tot Ion:152 Resp: 1107598

Ion Ratio Lower Upper

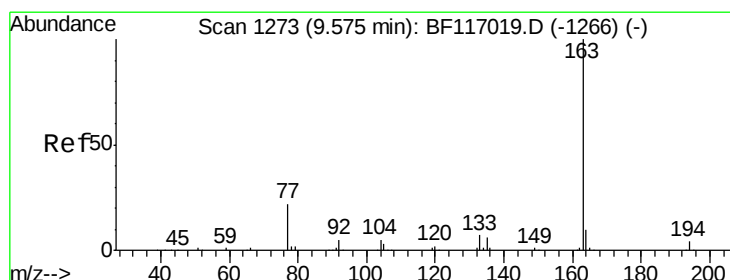
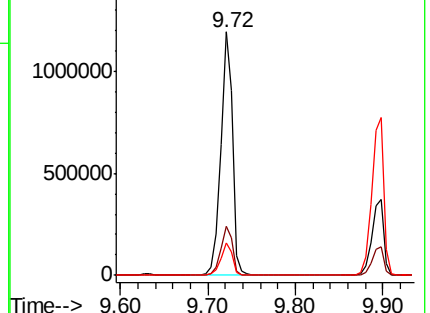
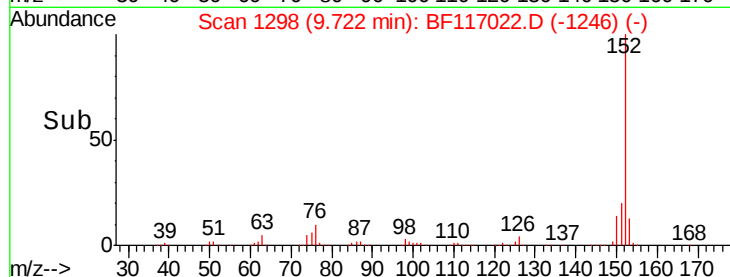
152 100

151 20.4 16.2 24.2

153 13.3 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: 78.707 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

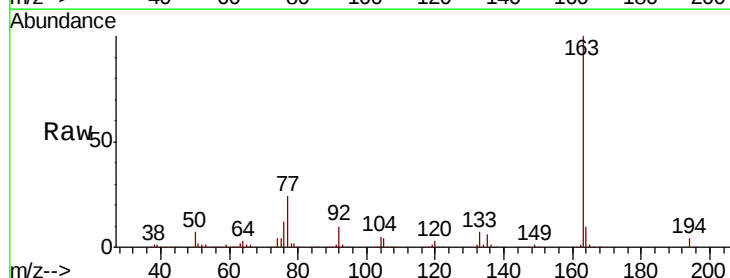
Tgt Ion:163 Resp: 862840

Ion Ratio Lower Upper

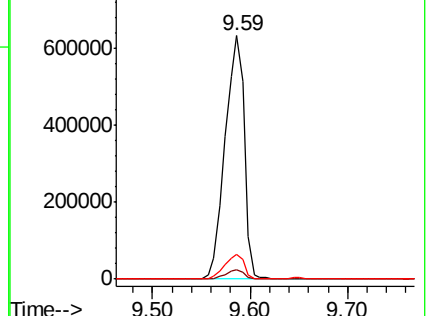
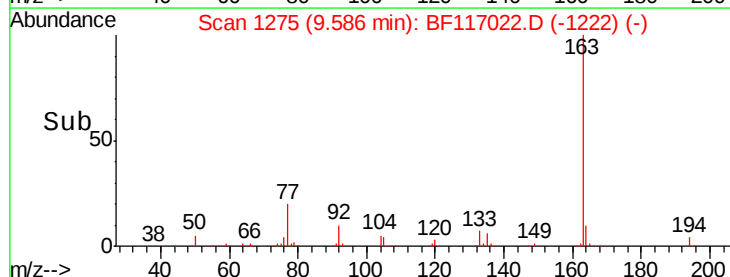
163 100

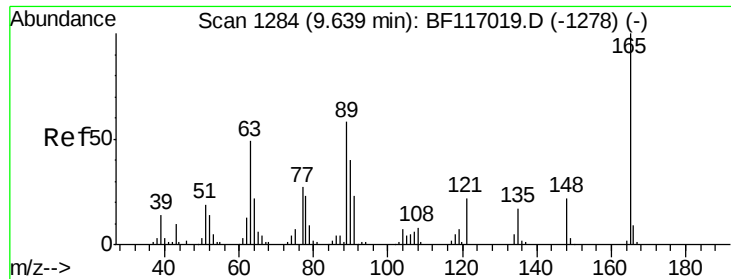
194 3.6 2.9 4.3

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: 87.855 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

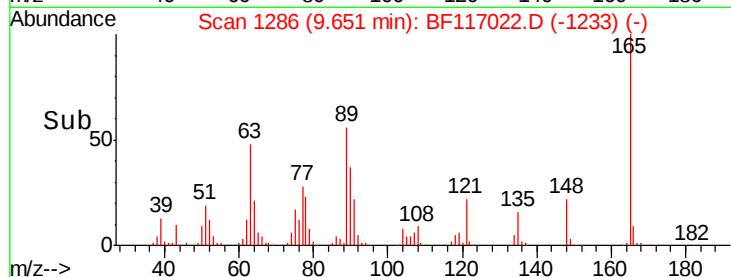
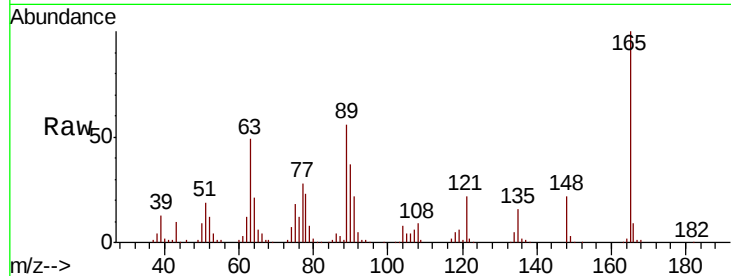
Tot Ion:165 Resp: 183759

Ion Ratio Lower Upper

165 100

63 48.5 41.8 62.8

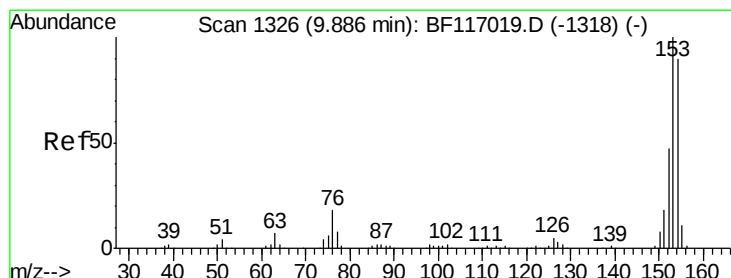
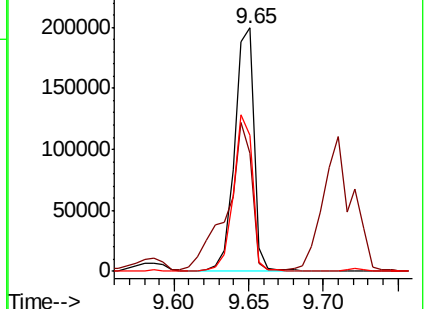
89 56.0 46.5 69.7



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: 74.125 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

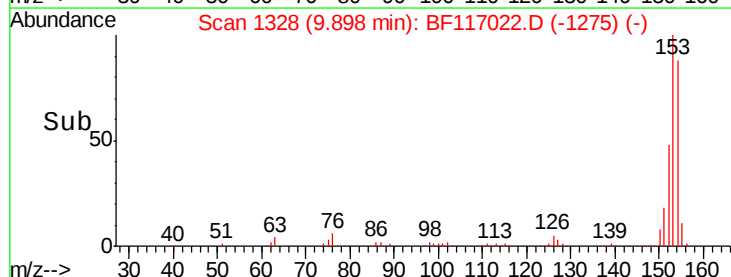
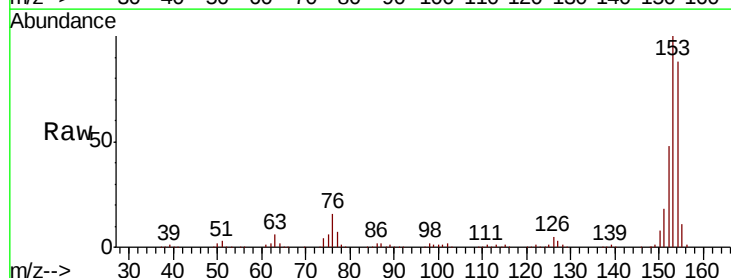
Tgt Ion:154 Resp: 657029

Ion Ratio Lower Upper

154 100

153 113.2 89.0 133.6

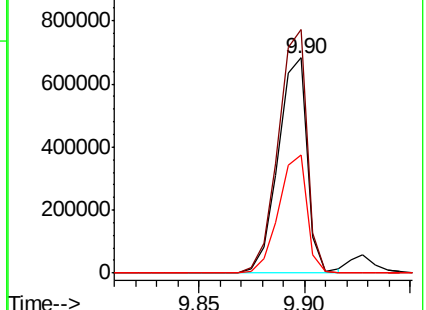
152 54.8 41.9 62.9

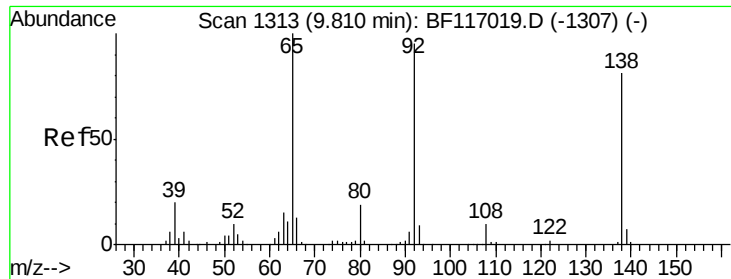


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

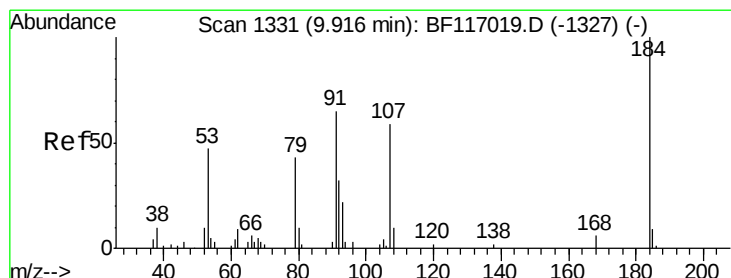
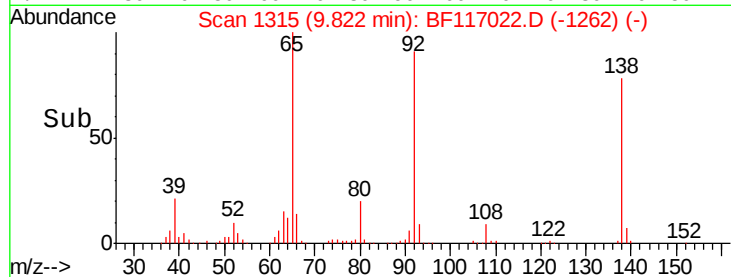
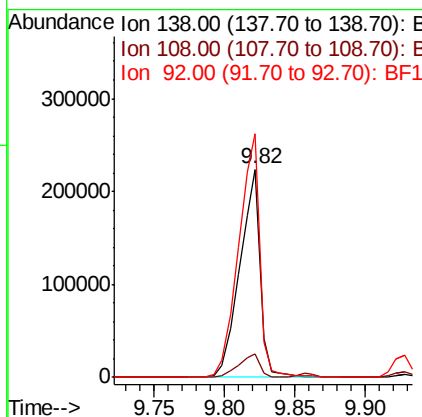
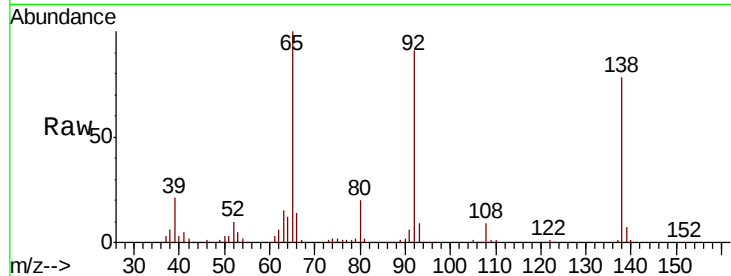




#53
 3-Nitroaniline
 Concen: 85.750 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

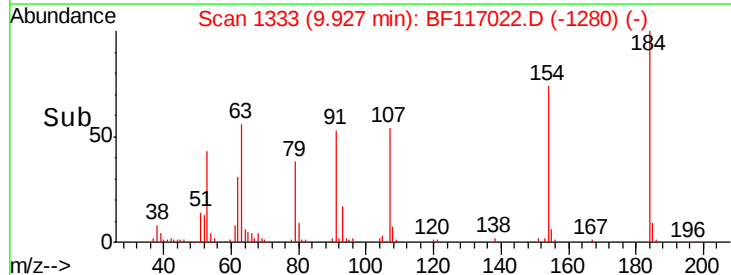
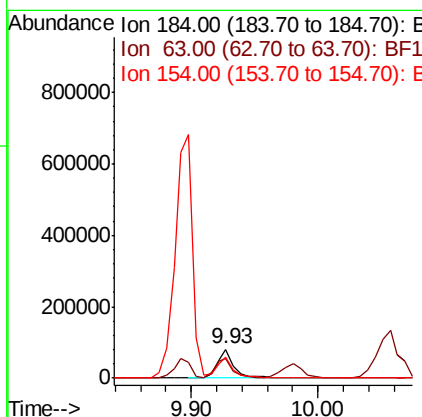
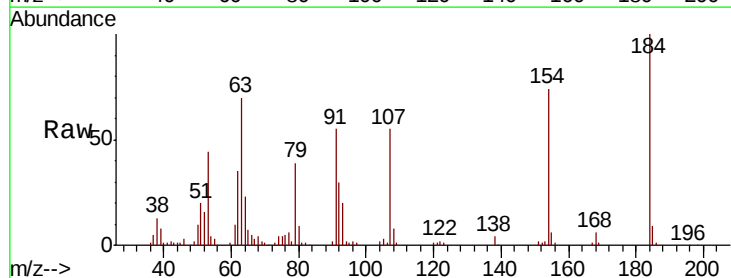
Instrument :
 BNA_F
 ClientSampleId :

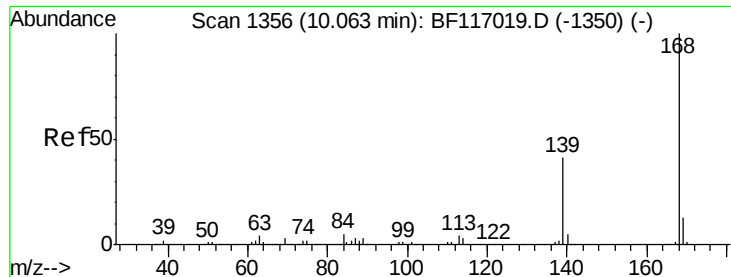
Tot Ion:138 Resp: 224769
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.5 14.3
 92 117.2 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 126.721 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:184 Resp: 77867
 Ion Ratio Lower Upper
 184 100
 63 69.9 63.8 95.6
 154 73.8 60.4 90.6

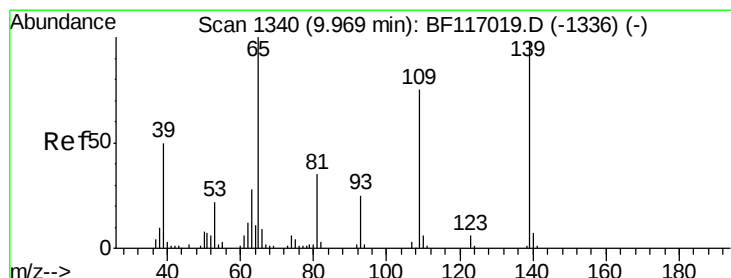
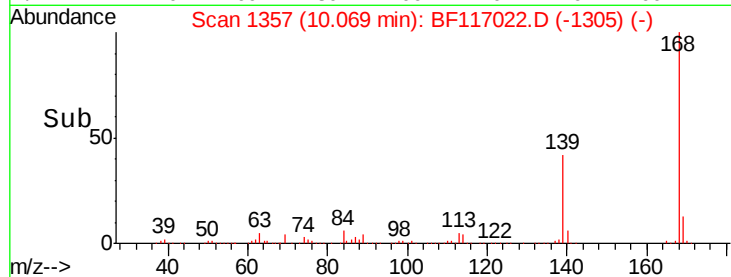
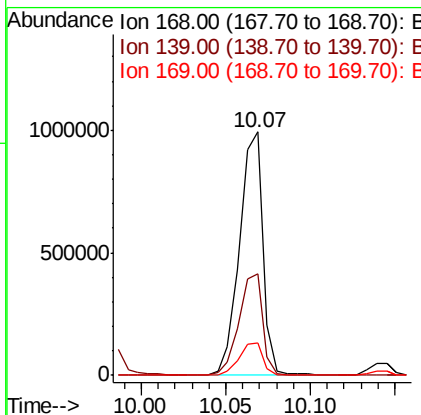
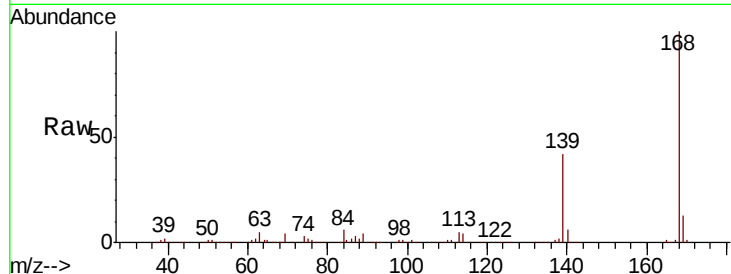




#55
Dibenzenofuran
Concen: 77.182 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

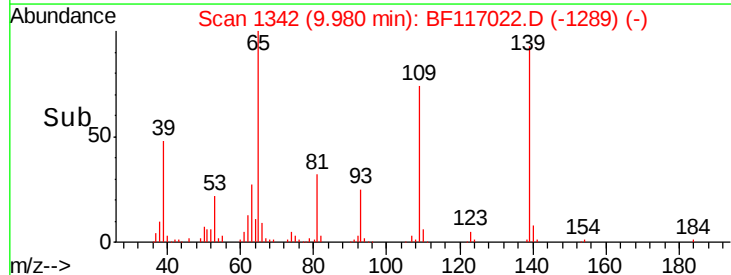
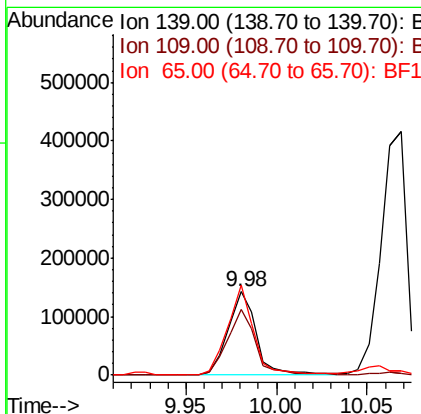
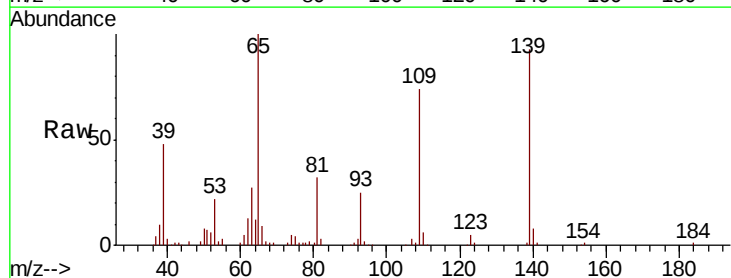
Instrument :
BNA_F
ClientSampleId :

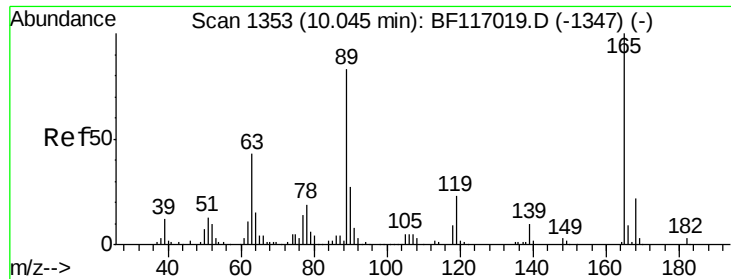
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	13.3	10.5	15.7



#56
4-Nitrophenol
Concen: 86.378 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.3	56.4	96.4
65	107.4	82.5	122.5

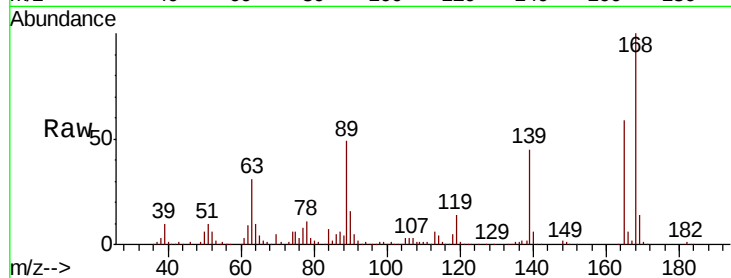




#57
2,4-Dinitrotoluene
Concen: 93.860 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	35.0	52.4
89	83.5	66.1	99.1
182	2.5	2.0	3.0



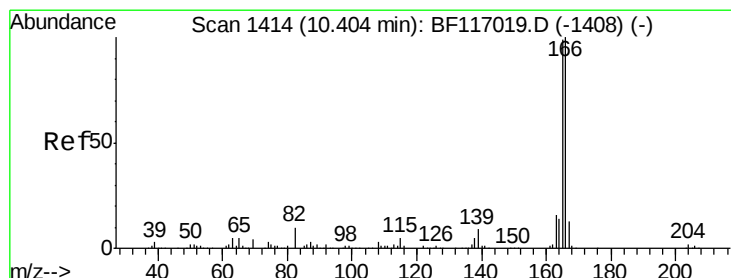
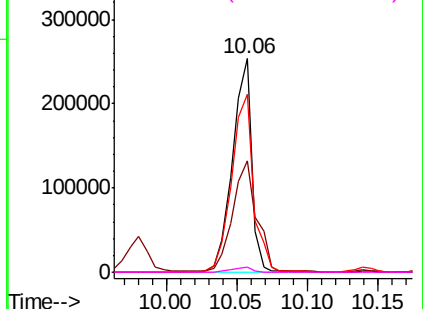
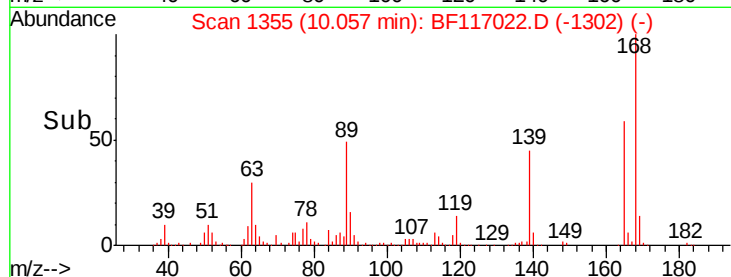
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

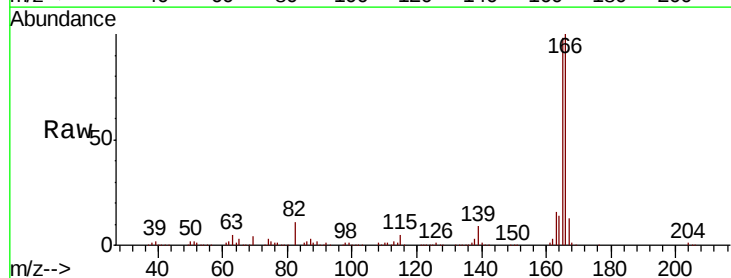
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 81.795 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.9	118.3
167	13.4	10.6	15.8

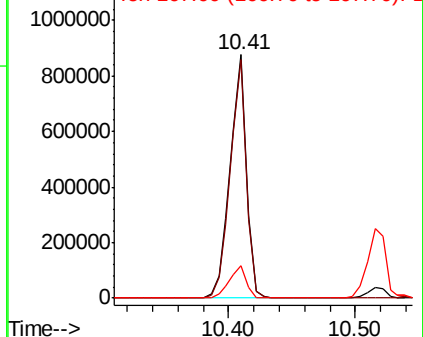
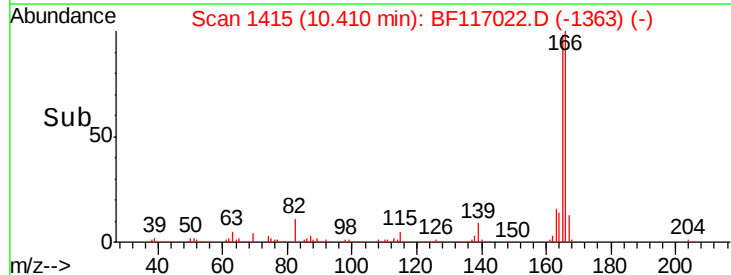


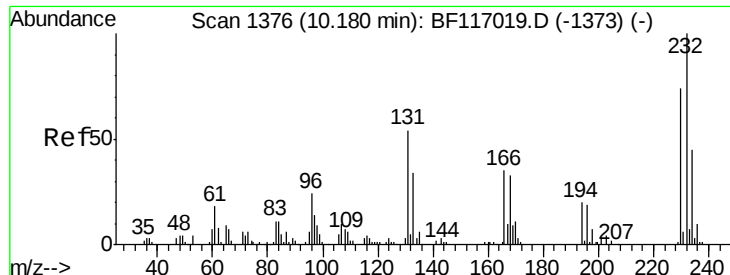
Abundance

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

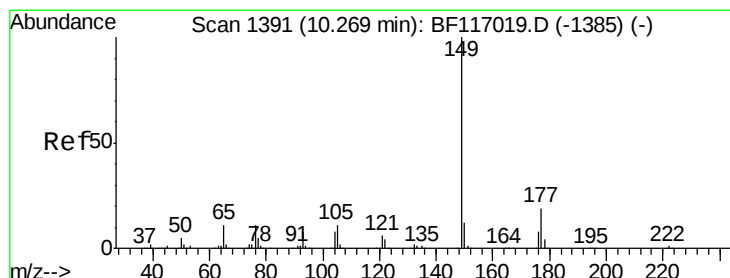
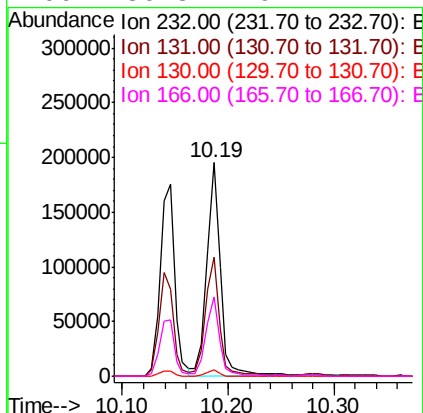
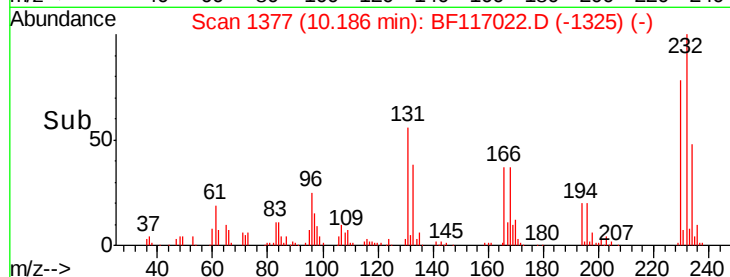
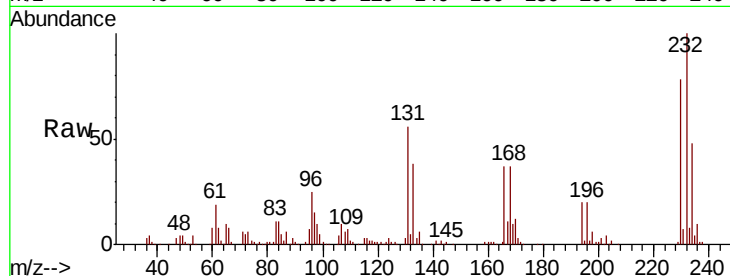




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 90.109 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

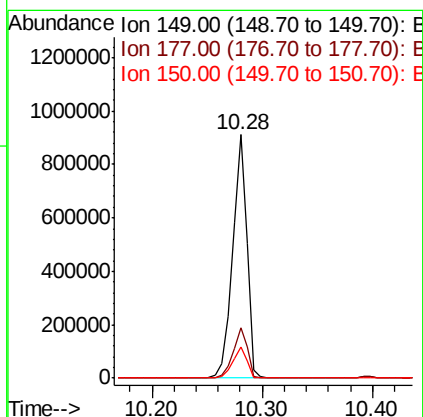
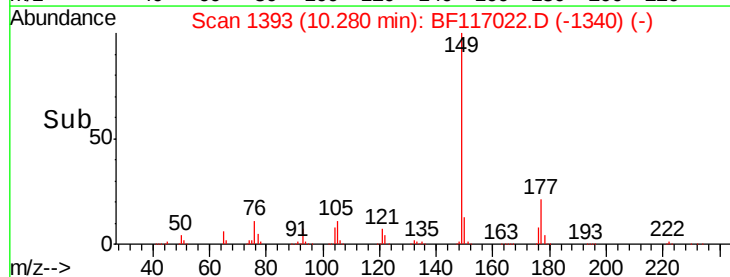
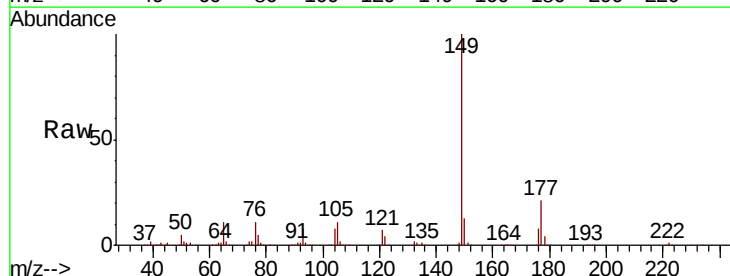
Instrument :
 BNA_F
 ClientSampled :

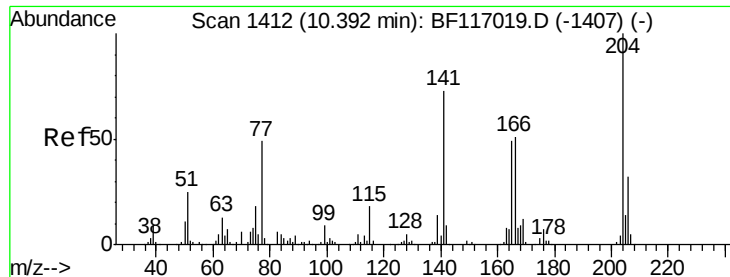
Tot Ion	Ratio	Lower	Upper
232	100		
131	55.7	45.3	67.9
130	2.7	1.8	2.8
166	36.3	29.4	44.2



#60
 Diethylphthalate
 Concen: 75.673 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.2	22.8
150	12.8	9.9	14.9

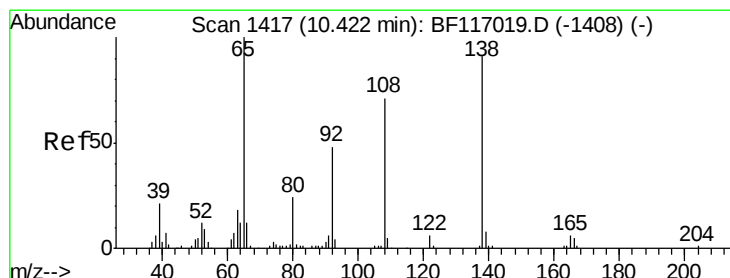
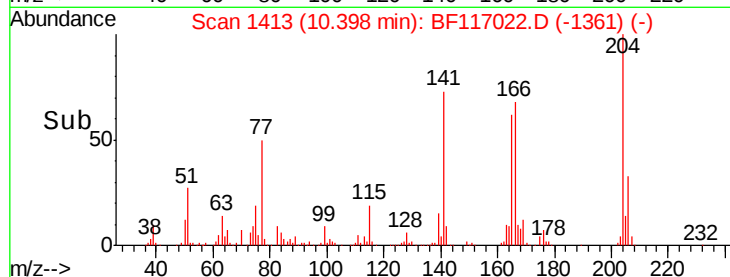
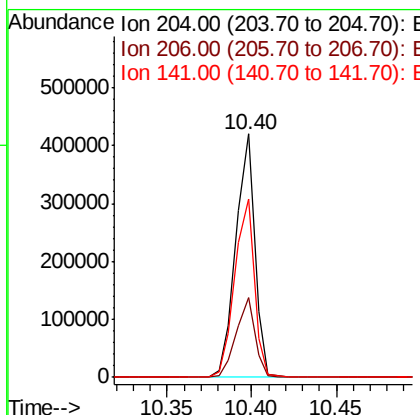
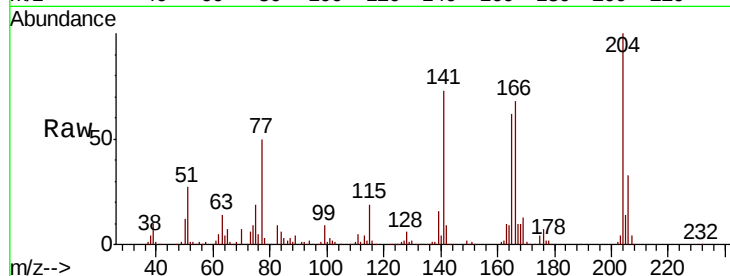




#61
4-Chlorophenyl-phenylether
Concen: 79.309 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

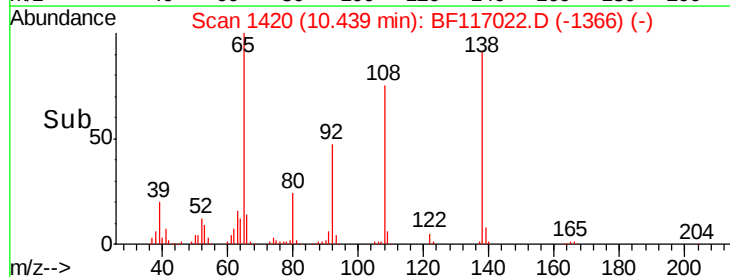
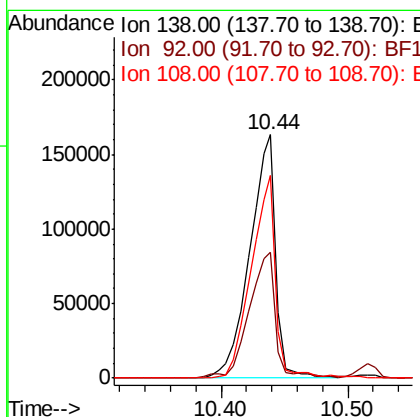
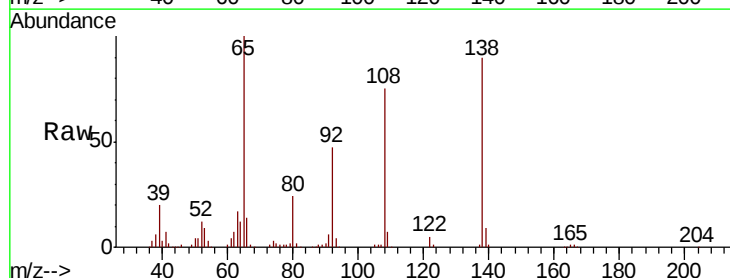
Instrument :
BNA_F
ClientSampleId :

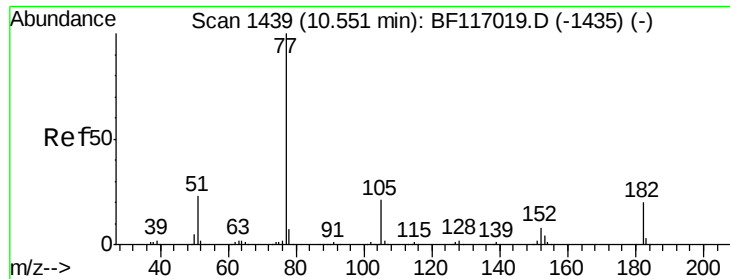
Tot Ion:204 Resp: 330661
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 73.4 58.2 87.2



#62
4-Nitroaniline
Concen: 91.606 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:138 Resp: 233027
Ion Ratio Lower Upper
138 100
92 51.7 32.9 72.9
108 83.0 58.3 98.3





#63

Azobenzene

Concen: 75.060 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 859479

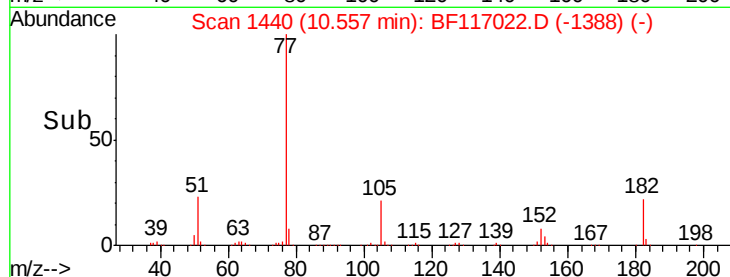
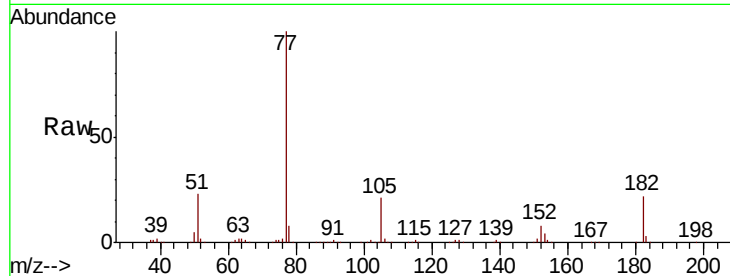
Ion Ratio Lower Upper

77 100

182 21.7 0.4 40.4

105 21.3 0.9 40.9

51 23.5 2.8 42.8

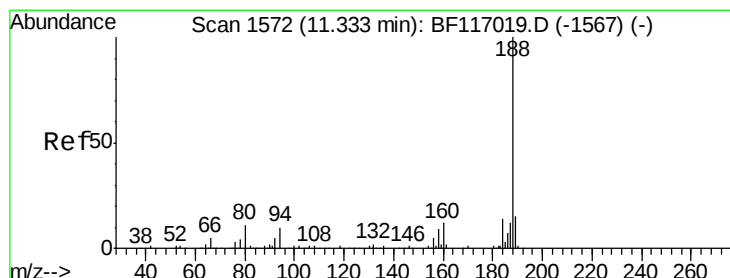
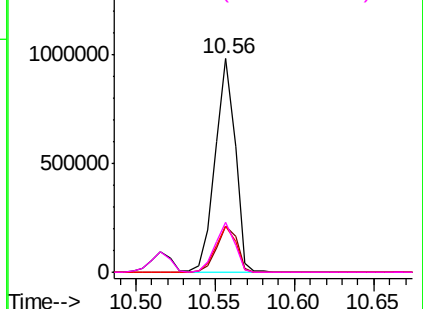


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

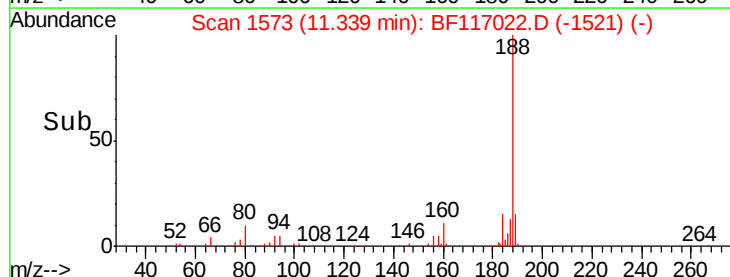
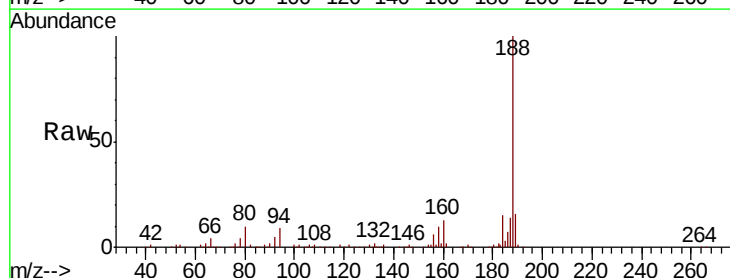
Tgt Ion: 188 Resp: 256080

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

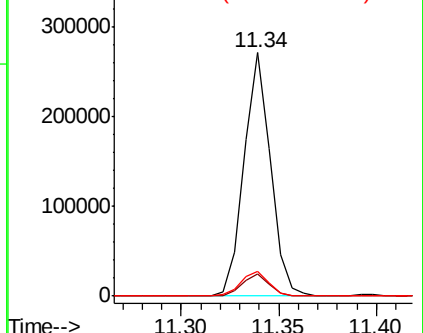
80 10.1 9.0 13.6

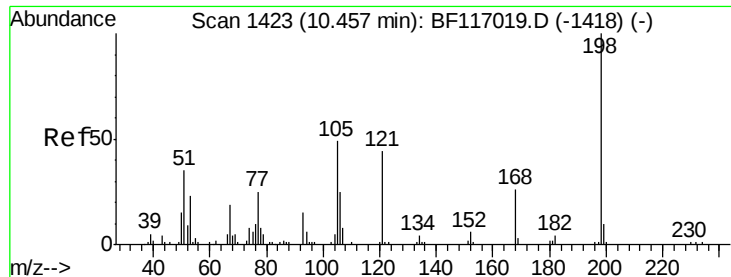


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 113.975 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampled :

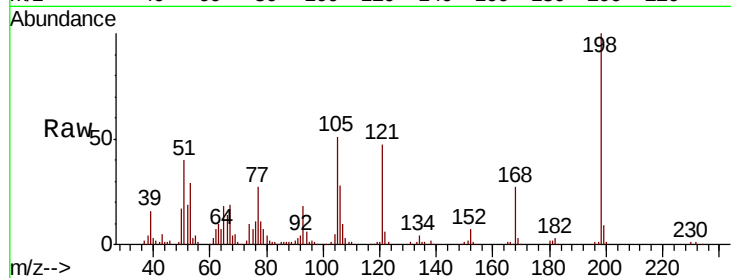
Tot Ion:198 Resp: 98570

Ion Ratio Lower Upper

198 100

51 40.4 18.7 58.7

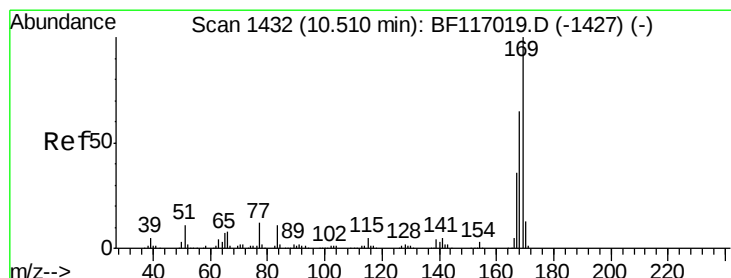
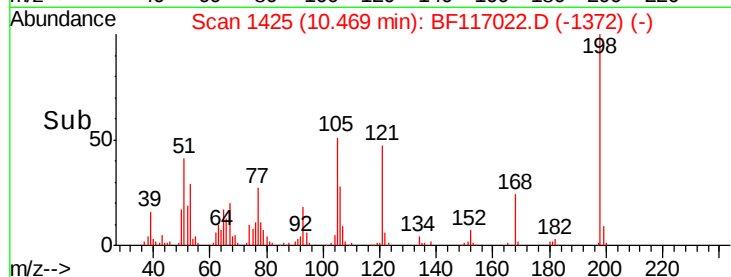
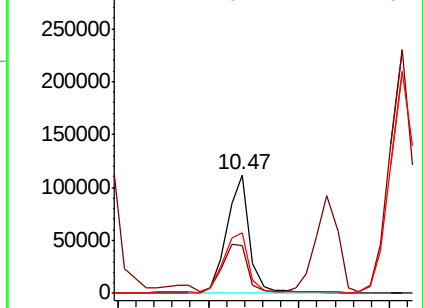
105 51.1 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 76.324 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

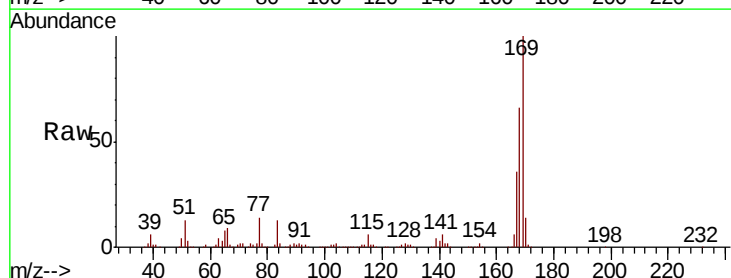
Tgt Ion:169 Resp: 676127

Ion Ratio Lower Upper

169 100

168 66.0 52.2 78.2

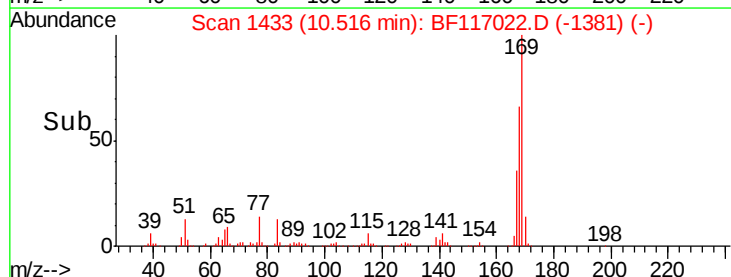
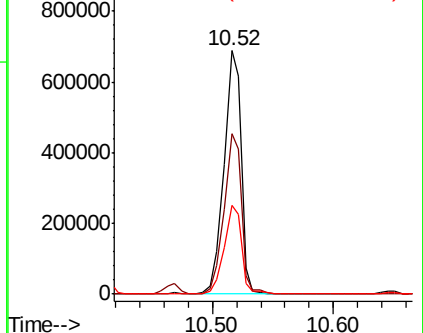
167 36.3 28.8 43.2

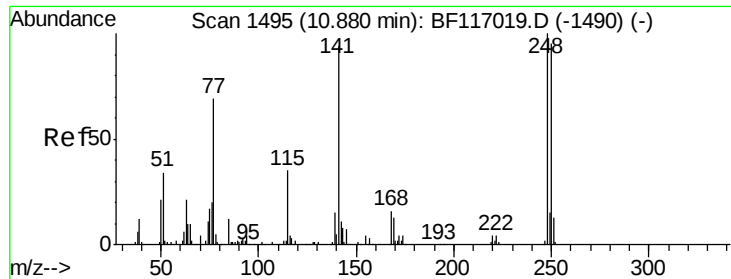


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

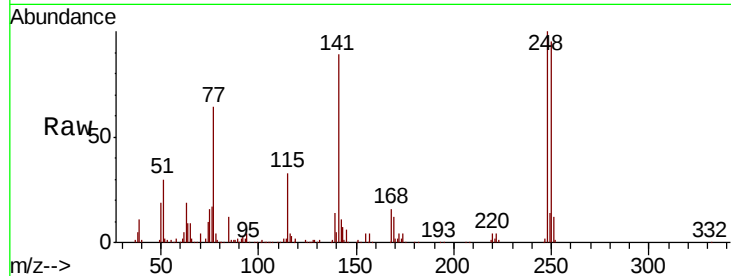




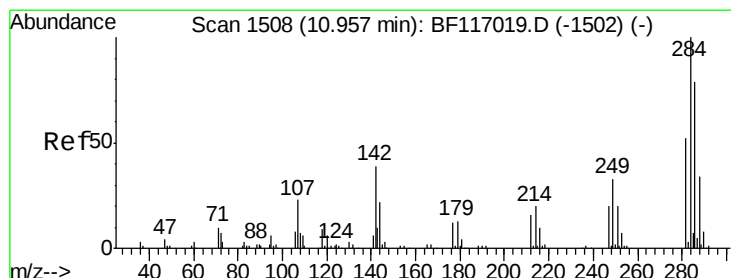
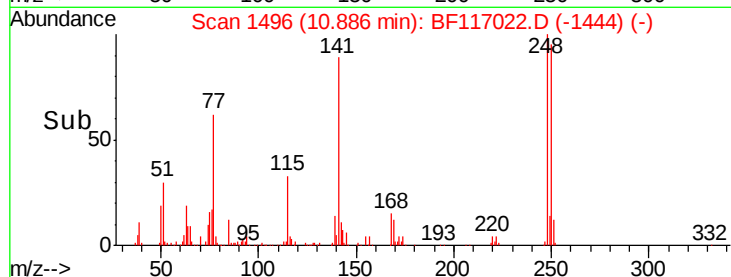
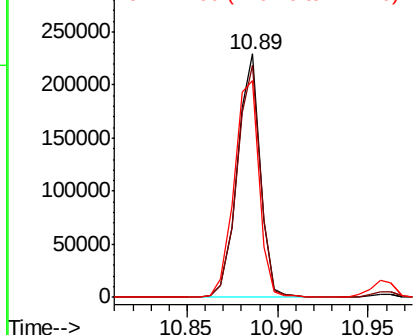
#67
4-Bromophenyl-phenylether
Concen: 77.558 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 201763
Ion Ratio Lower Upper
248 100
250 95.3 76.2 114.4
141 88.9 75.0 112.4

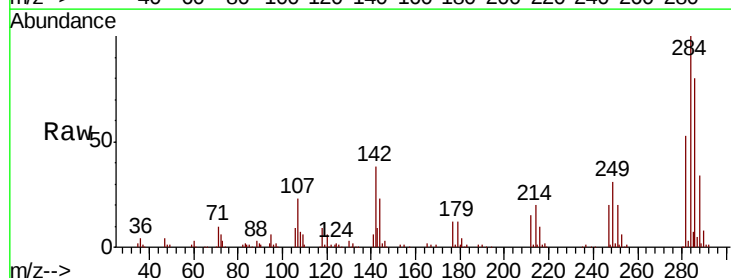


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

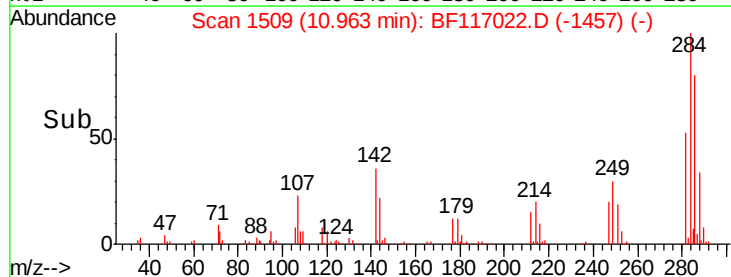
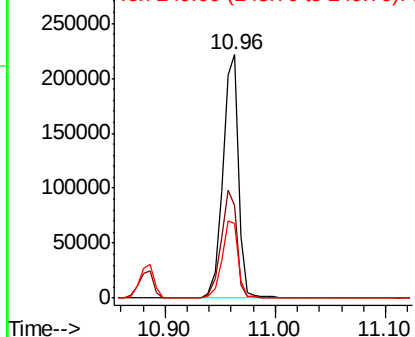


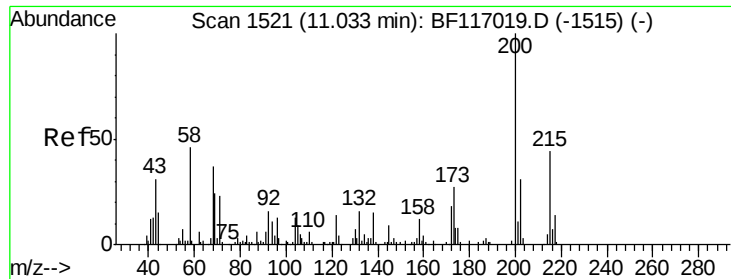
#68
Hexachlorobenzene
Concen: 80.655 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:284 Resp: 219524
Ion Ratio Lower Upper
284 100
142 38.0 31.4 47.2
249 30.9 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

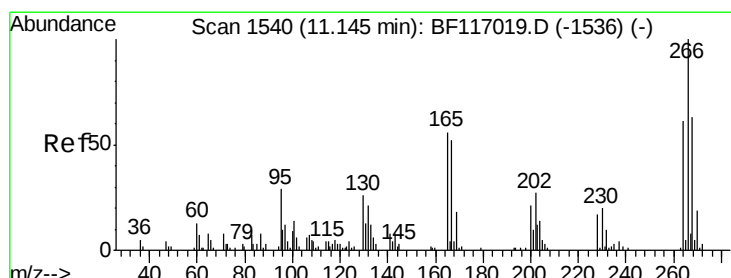
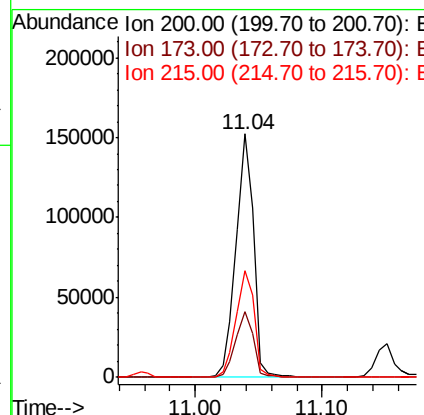
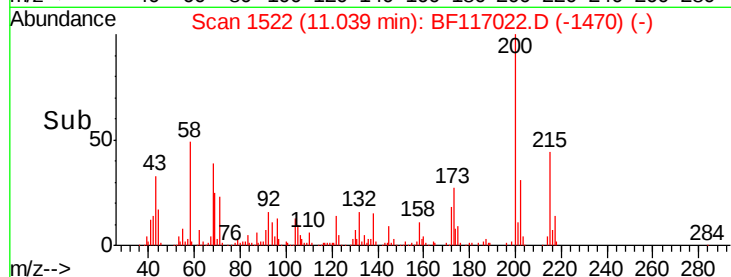
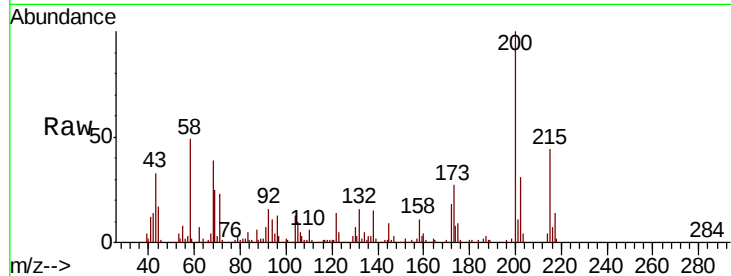




#69
 Atrazine
 Concen: 58.630 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

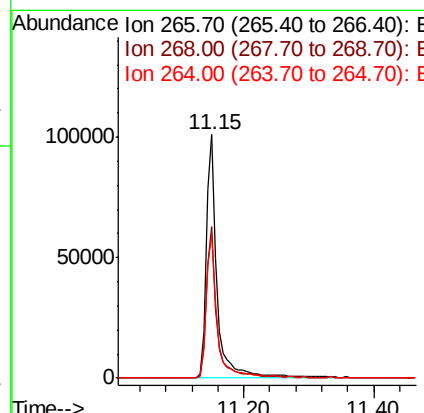
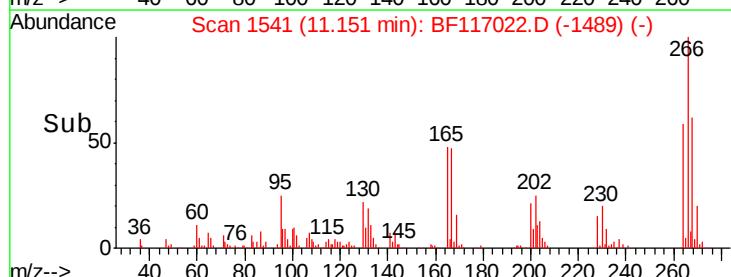
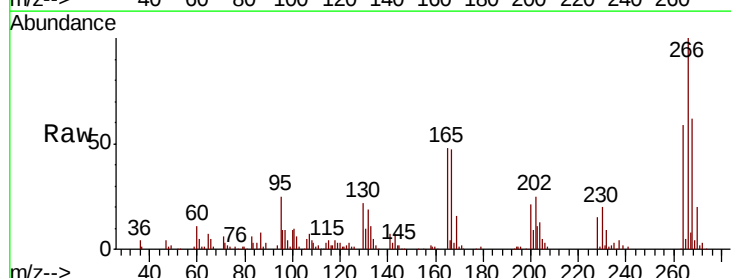
Instrument :
 BNA_F
 ClientSampleId :

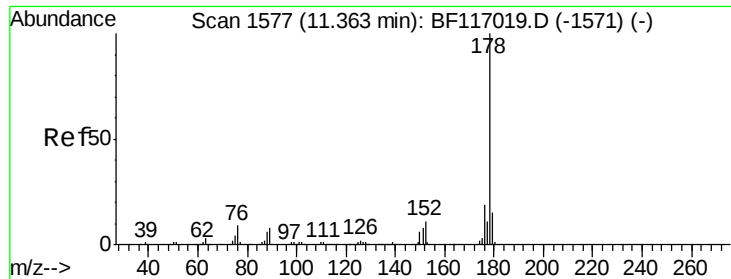
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.9	46.9
215	43.8	23.8	63.8



#70
 Pentachlorophenol
 Concen: 88.342 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.5	75.7
264	59.0	48.8	73.2





#71

Phenanthrene

Concen: 77.171 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

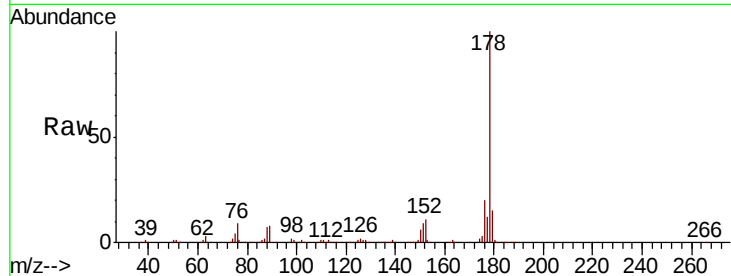
Tot Ion:178 Resp: 1100080

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

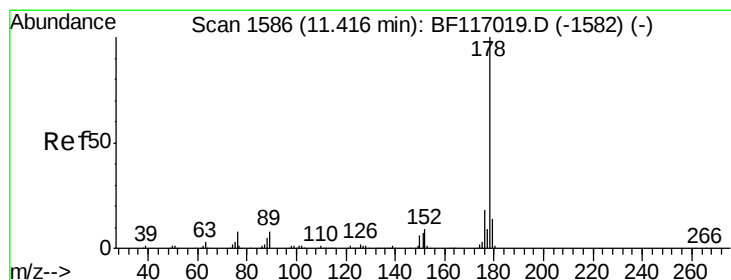
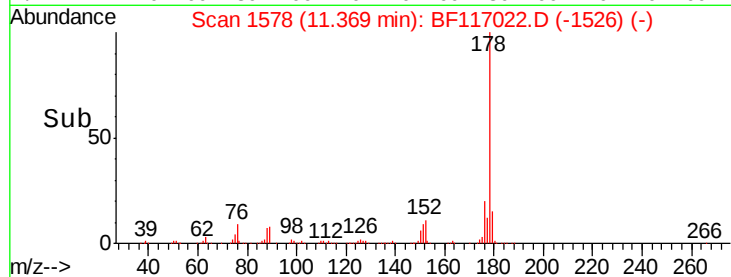
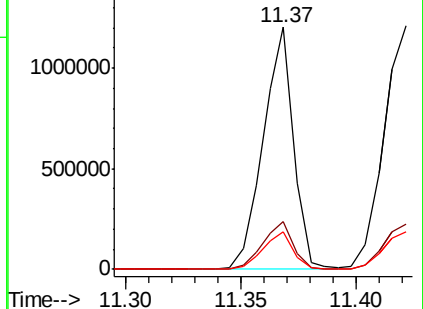
179 15.5 12.4 18.6



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: 78.708 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

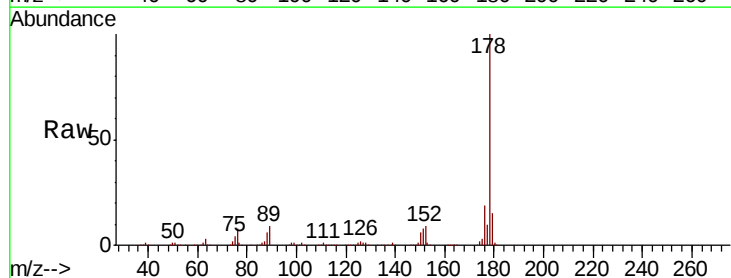
Tgt Ion:178 Resp: 1129435

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

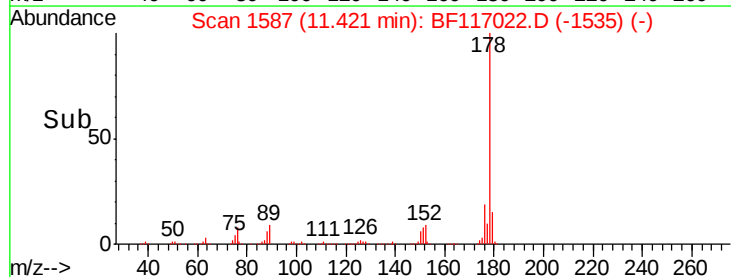
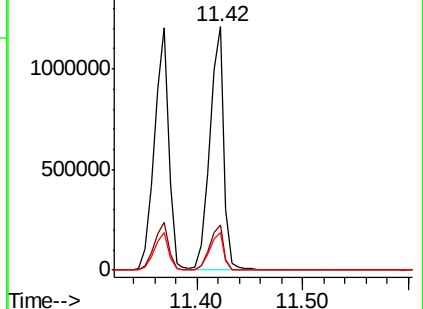
179 15.5 11.6 17.4

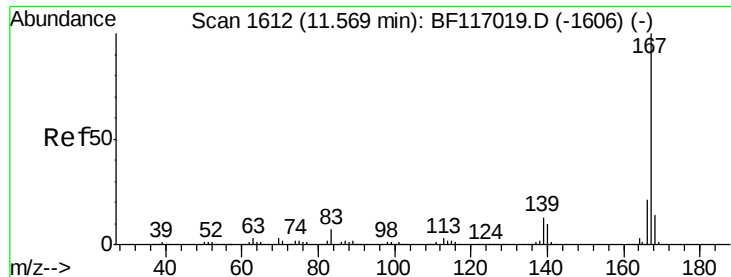


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

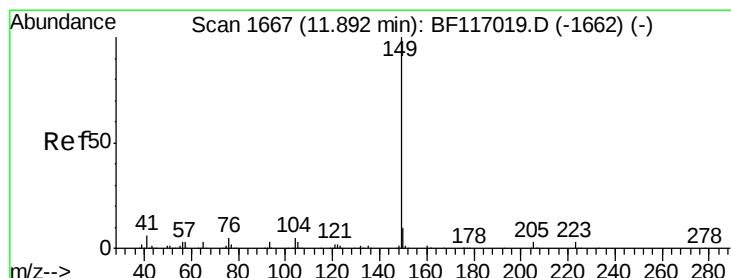
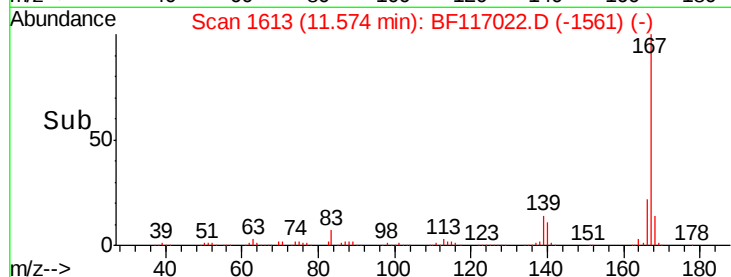
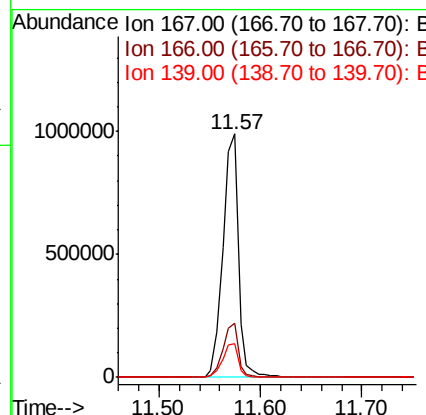
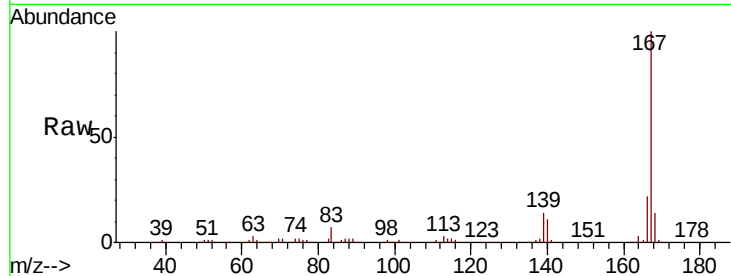




#73
 Carbazole
 Concen: 77.624 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

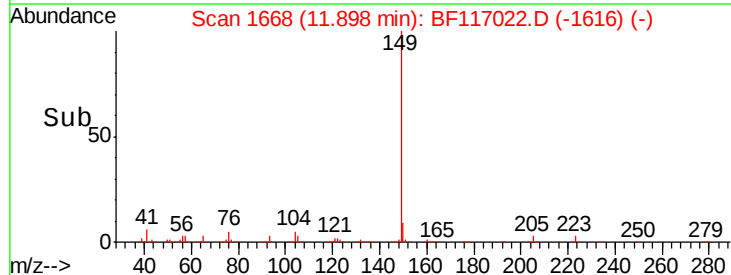
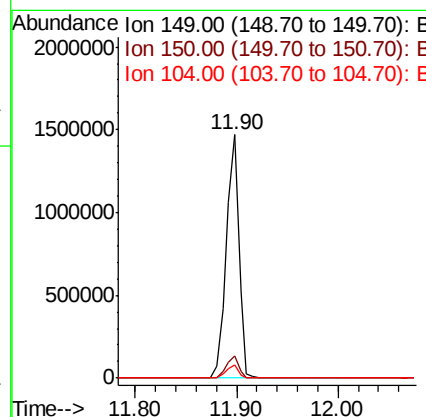
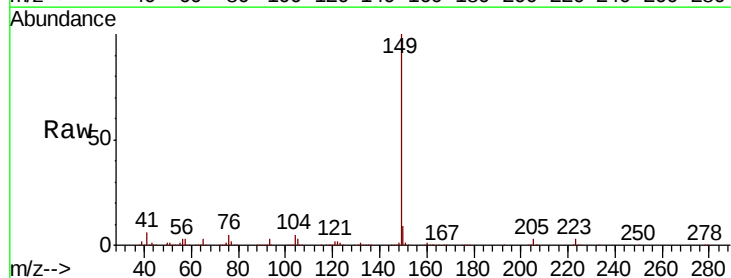
Instrument :
 BNA_F
 ClientSampleId :

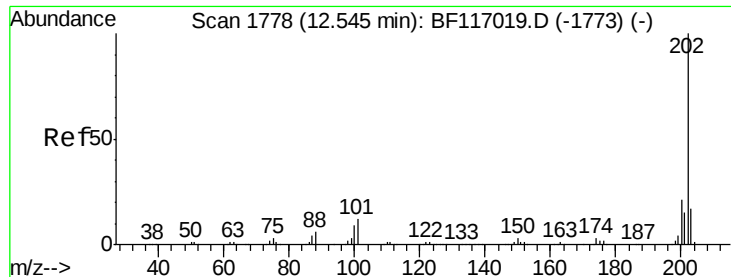
Tot Ion:167 Resp: 1061039
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 72.646 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:149 Resp: 1272991
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.4

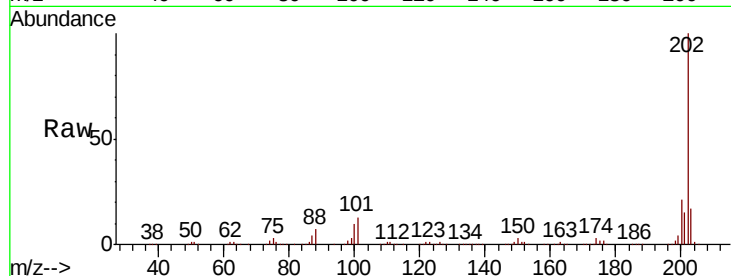




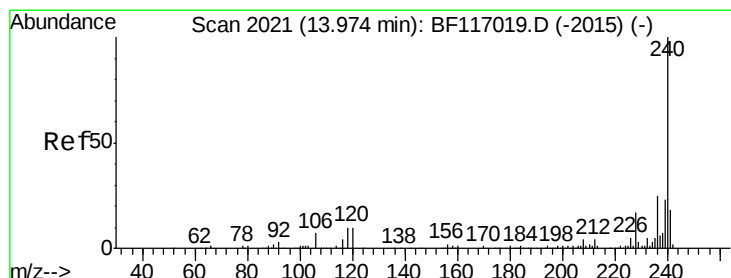
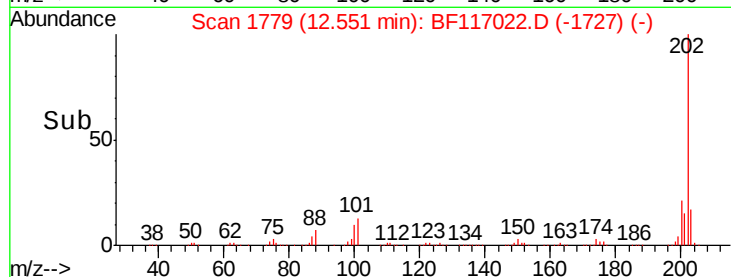
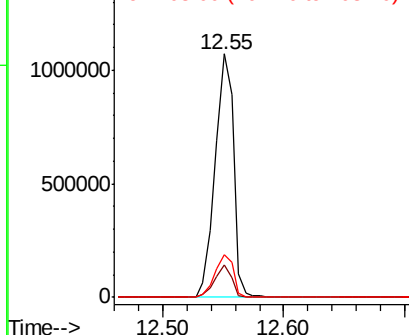
#75
 Fluoranthene
 Concen: 79.855 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1118707
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 32.3
 203 17.5 0.0 37.1

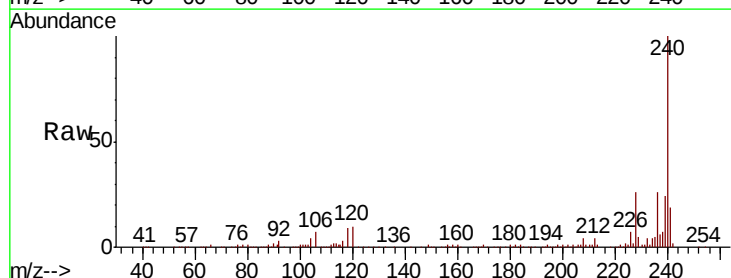


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

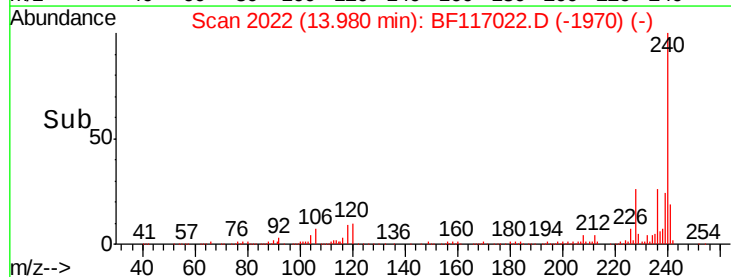
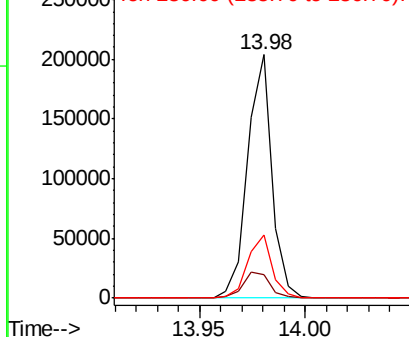


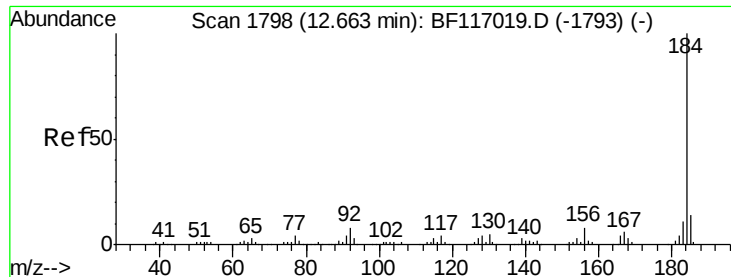
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:240 Resp: 163596
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.3 12.5
 236 25.8 20.3 30.5



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





#77

Benzidine

Concen: 48.494 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

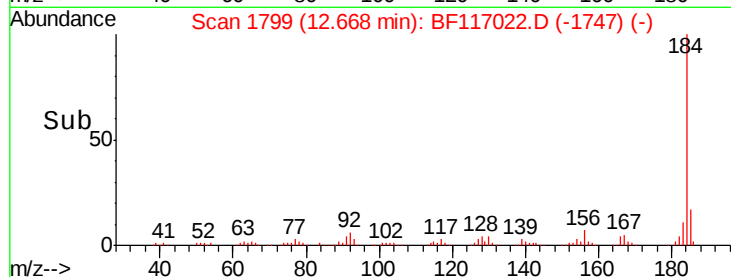
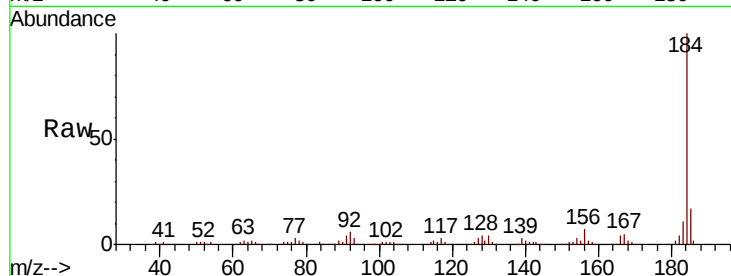
Tot Ion:184 Resp: 311170

Ion Ratio Lower Upper

184 100

185 16.7 11.6 17.4

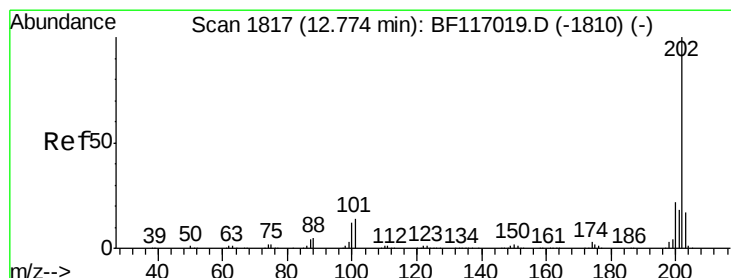
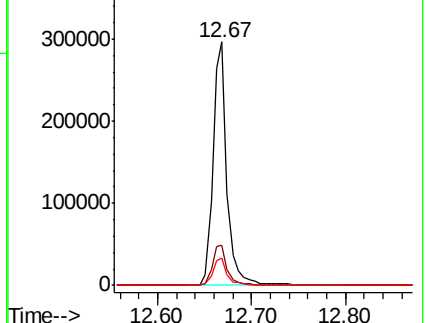
183 11.3 9.0 13.4



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: 77.587 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

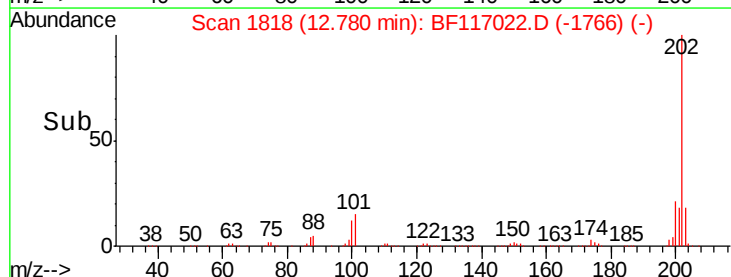
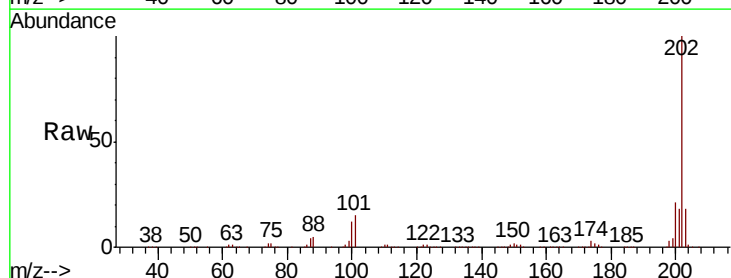
Tgt Ion:202 Resp: 1128322

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

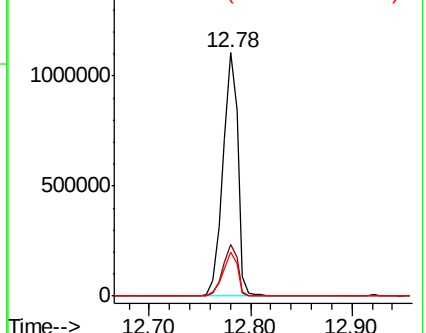
203 17.8 14.0 21.0

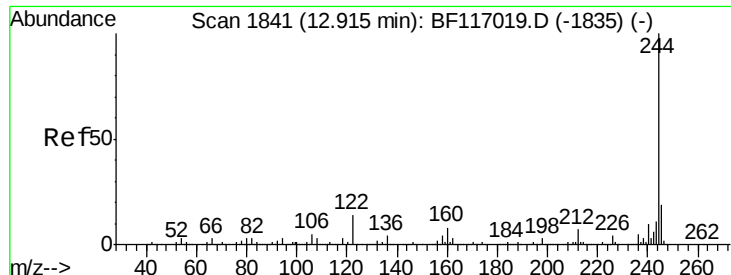


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 163.098 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

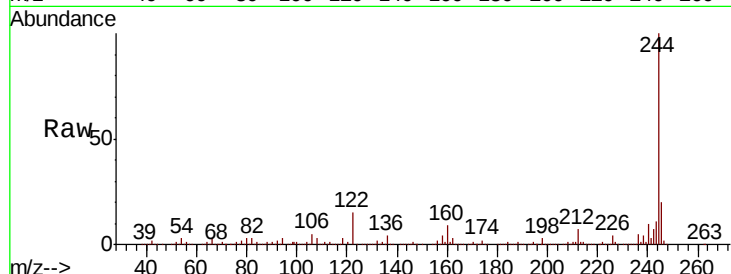
Tot Ion:244 Resp: 1442322

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

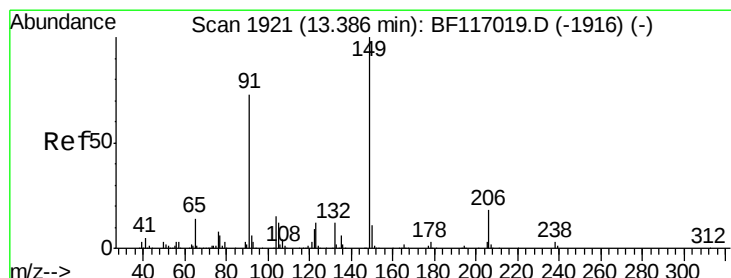
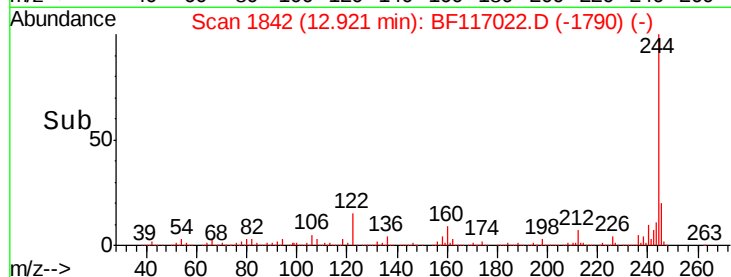
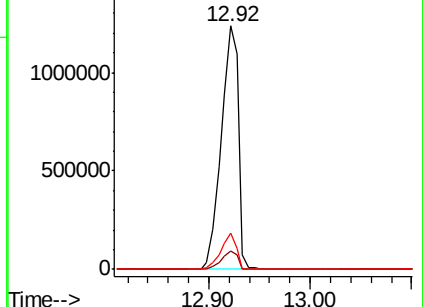
122 14.9 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 75.670 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

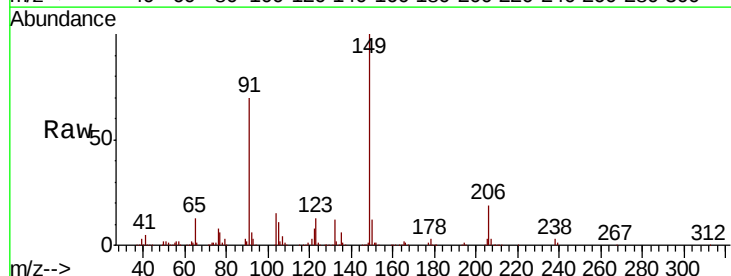
Tgt Ion:149 Resp: 535144

Ion Ratio Lower Upper

149 100

91 70.4 58.8 88.2

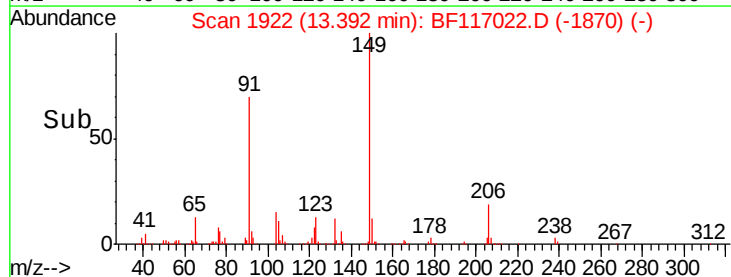
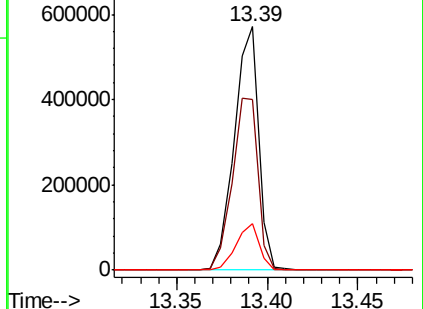
206 18.9 14.1 21.1

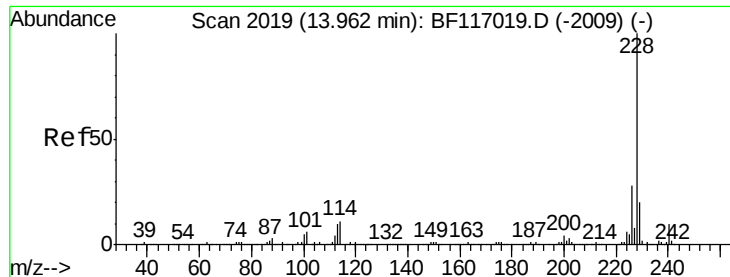


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

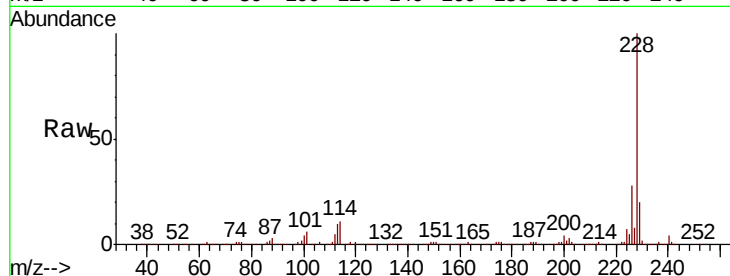




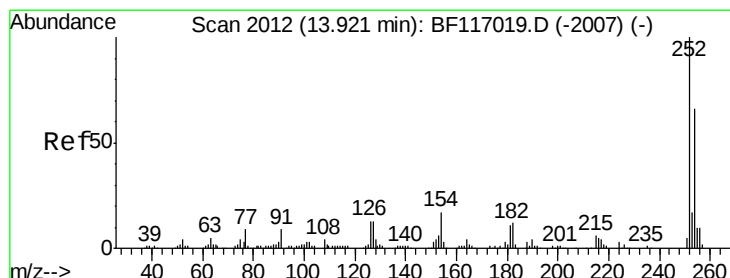
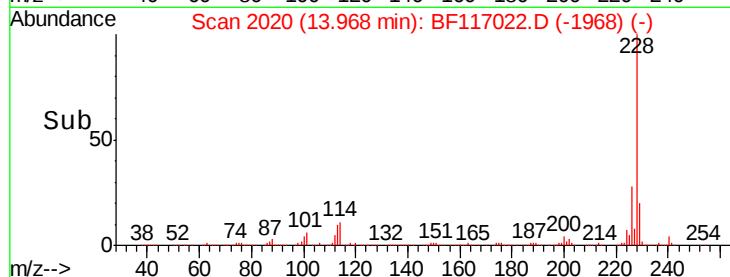
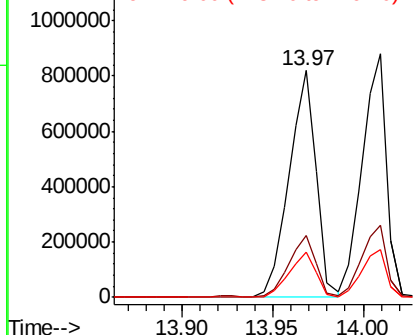
#81
Benzo(a)anthracene
Concen: 82.850 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 857823
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.8 15.9 23.9

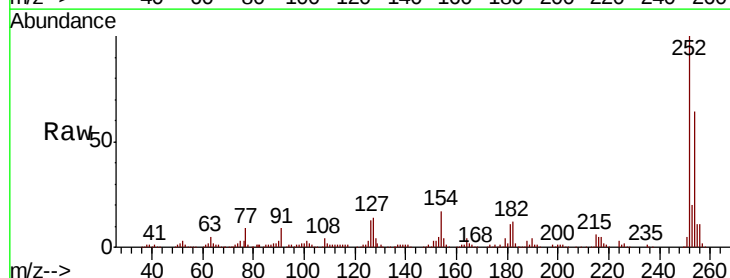


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

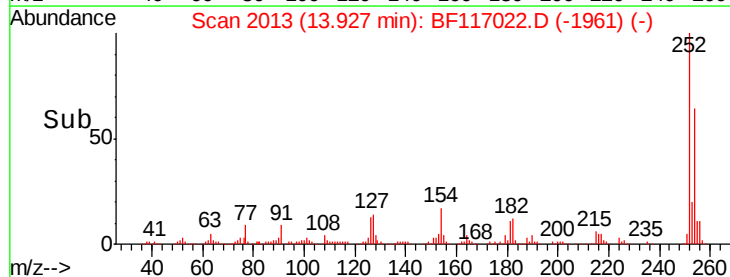
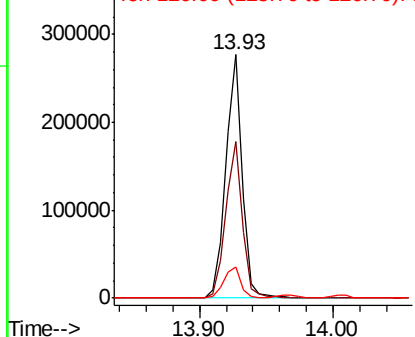


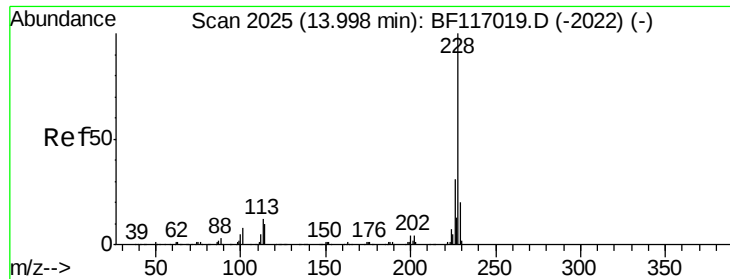
#82
3,3'-Dichlorobenzidine
Concen: 69.236 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:252 Resp: 242259
Ion Ratio Lower Upper
252 100
254 64.2 52.6 79.0
126 12.9 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

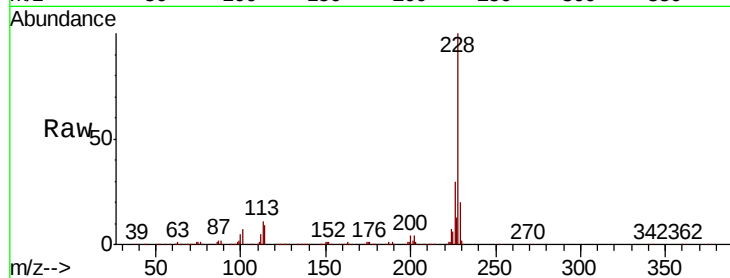




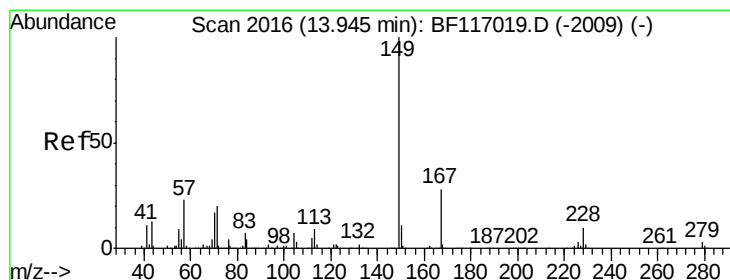
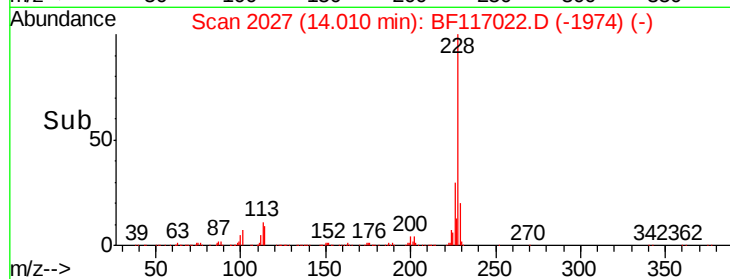
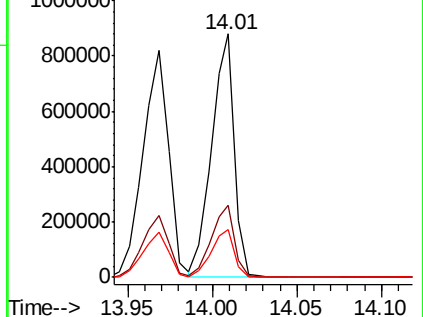
#83
Chrysene
Concen: 77.548 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 827215
Ion Ratio Lower Upper
228 100
226 29.8 24.8 37.2
229 19.6 15.8 23.8

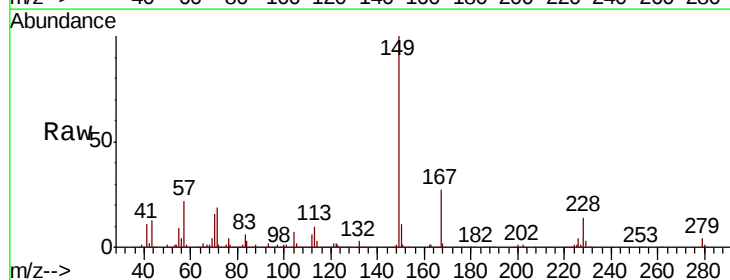


Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E
800000
600000
400000
200000
0

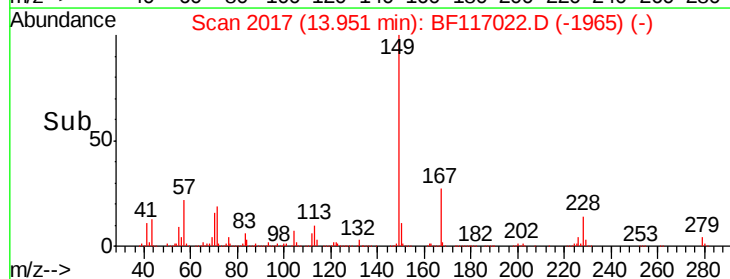
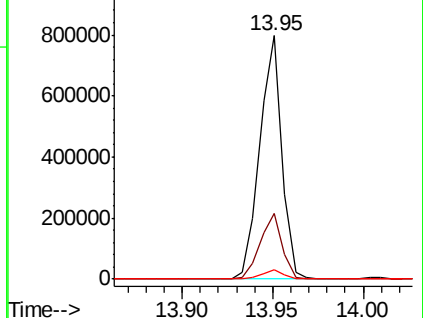


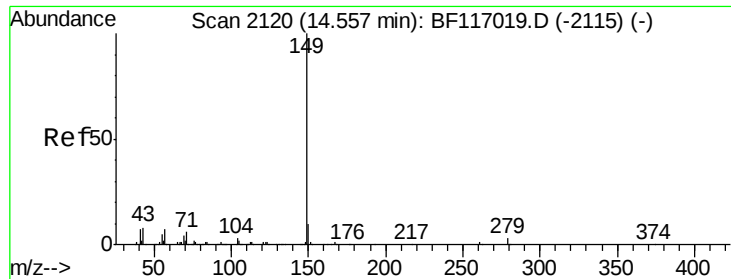
#84
Bis(2-ethylhexyl)phthalate
Concen: 77.639 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:149 Resp: 677780
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.2
279 3.6 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
800000
Ion 279.00 (278.70 to 279.70): E
600000
400000
200000
0

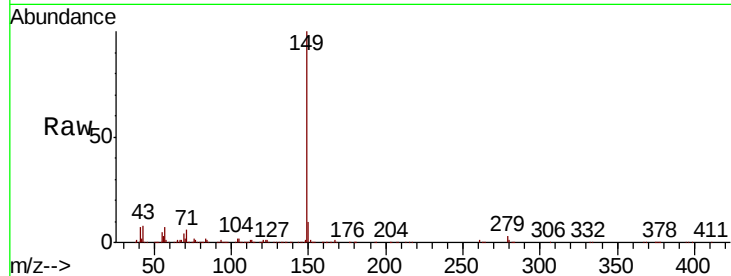




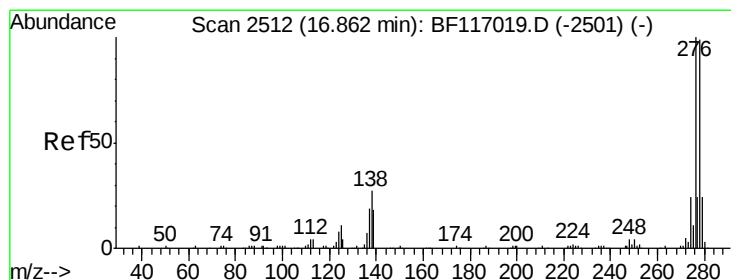
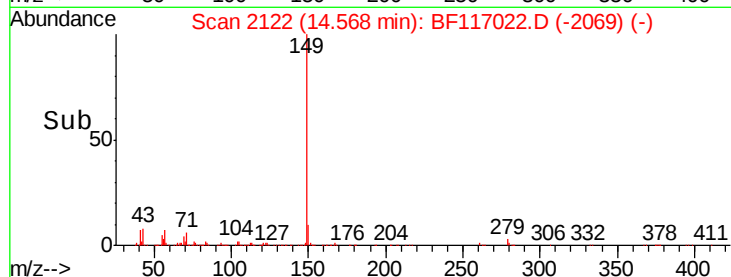
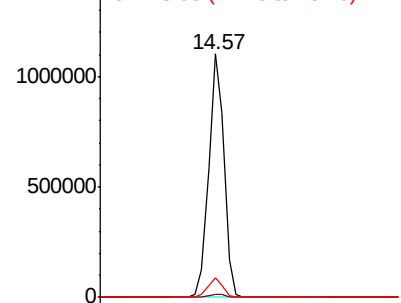
#85
 Di-n-octyl phthalate
 Concen: 70.638 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1009141
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 6.2 9.4

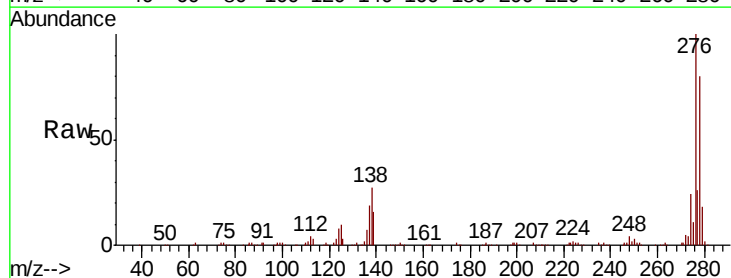


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

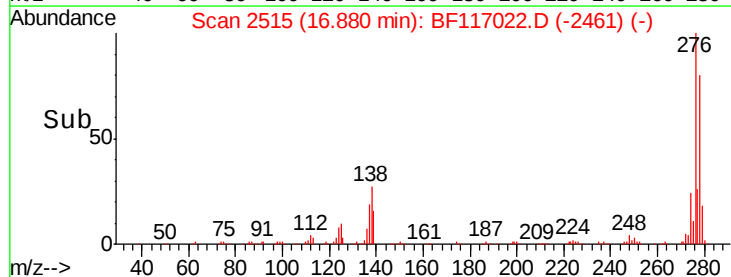
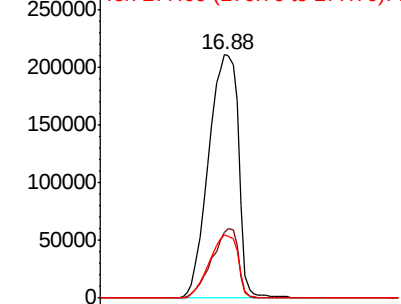


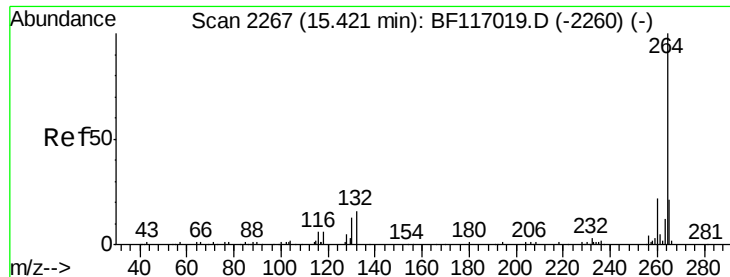
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 72.233 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. 0.02 min
 Lab File: BF117022.D
 Acq: 13 Sep 2019 14:41

Tgt Ion:276 Resp: 618894
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.7 31.1
 277 25.1 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

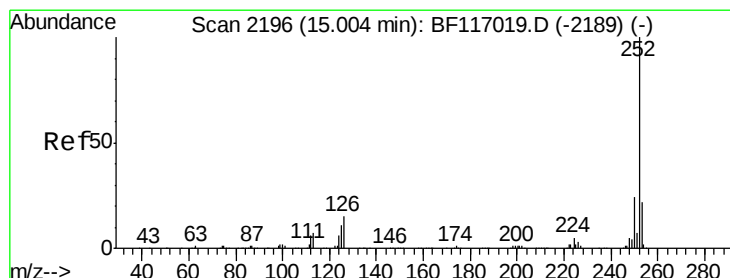
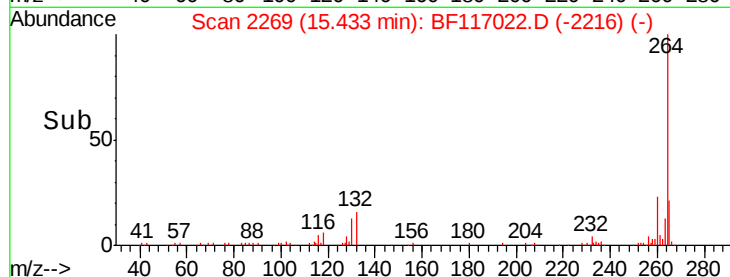
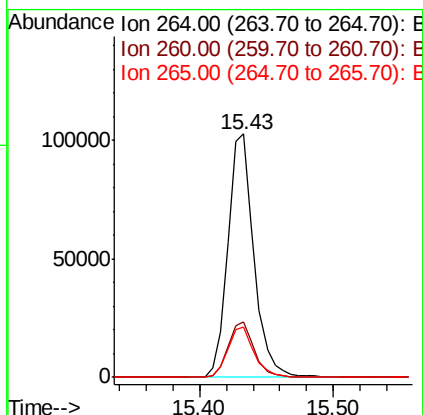
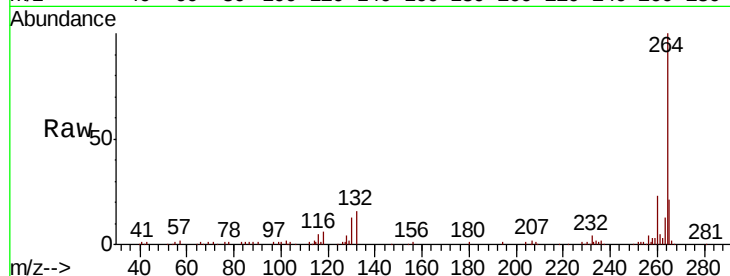




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

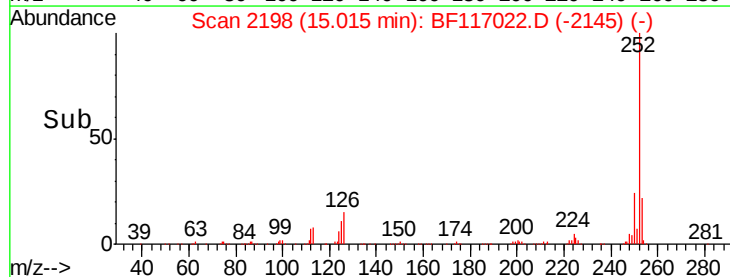
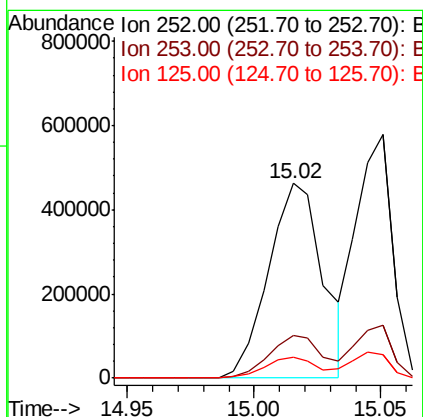
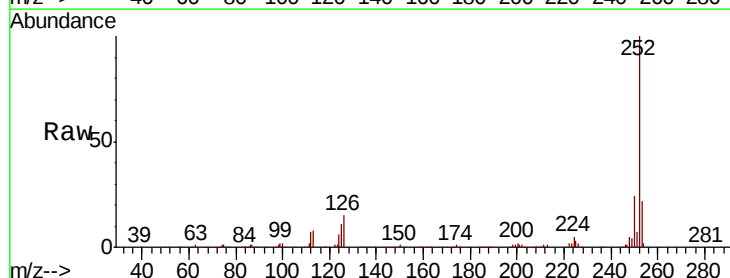
Instrument :
BNA_F
ClientSampleId :

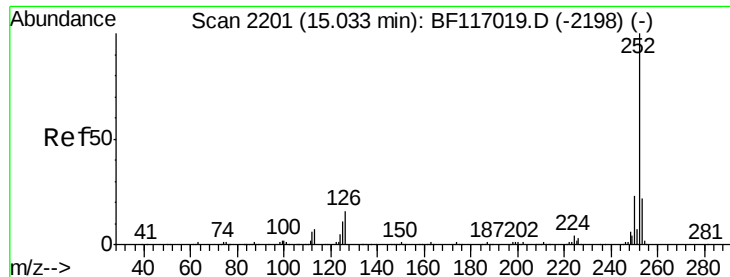
Tot Ion:264 Resp: 140775
Ion Ratio Lower Upper
264 100
260 22.7 17.6 26.4
265 20.8 16.6 24.8



#88
Benzo(b)fluoranthene
Concen: 81.547 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:252 Resp: 694048
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.9 8.6 12.8

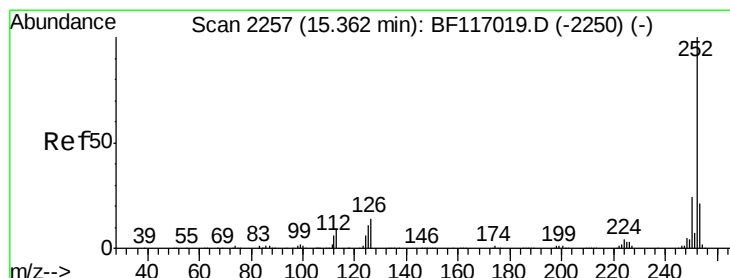
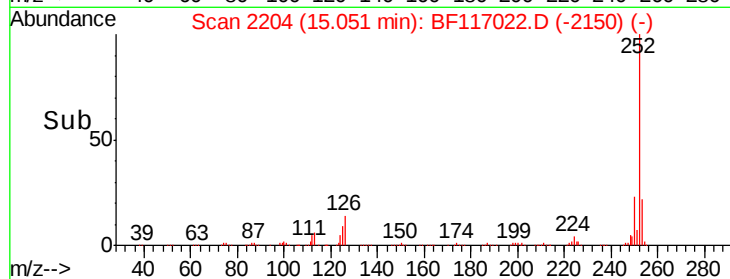
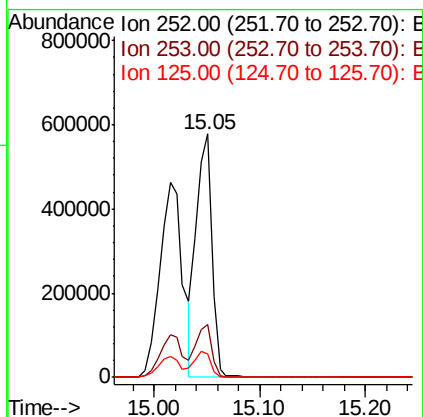
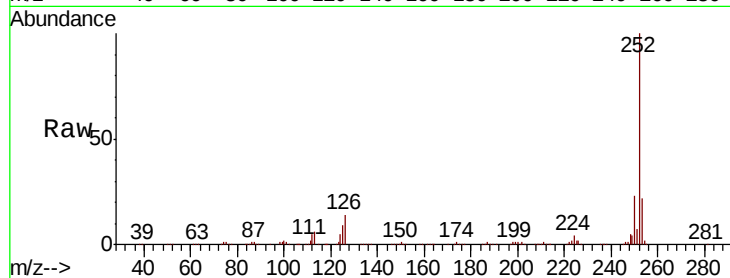




#89
Benzo(k)fluoranthene
Concen: 75.281 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

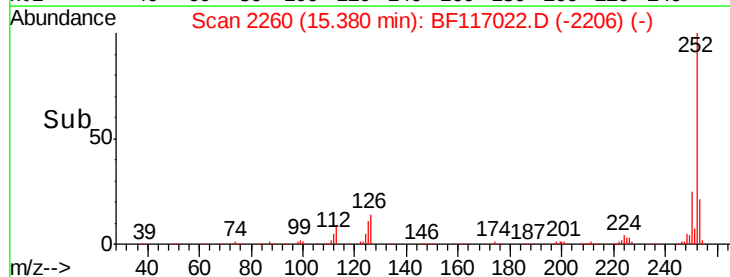
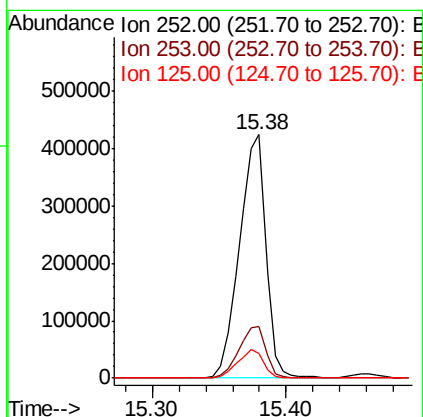
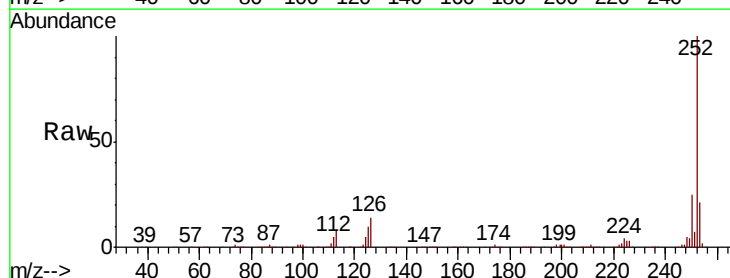
Instrument :
BNA_F
ClientSampleId :

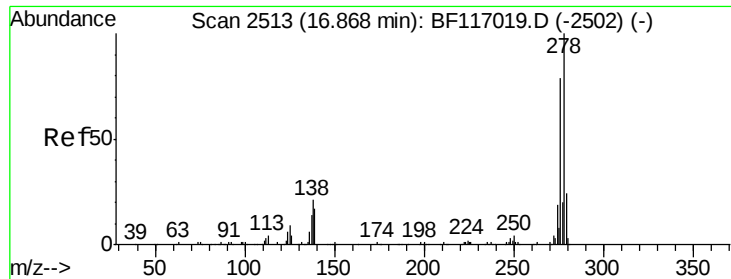
Tot Ion:252 Resp: 584192
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.4 8.8 13.2



#90
Benzo(a)pyrene
Concen: 78.794 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BF117022.D
Acq: 13 Sep 2019 14:41

Tgt Ion:252 Resp: 583449
Ion Ratio Lower Upper
252 100
253 21.3 16.6 25.0
125 10.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 76.845 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

Instrument :

BNA_F

ClientSampleId :

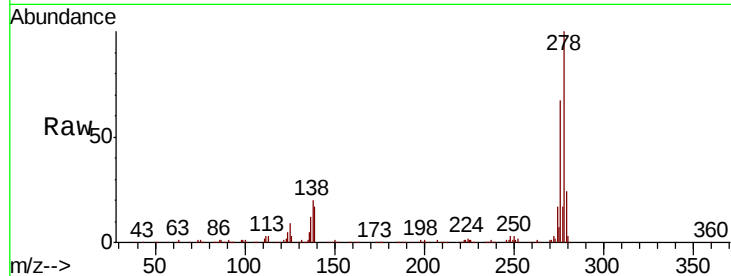
Tot Ion:278 Resp: 498064

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

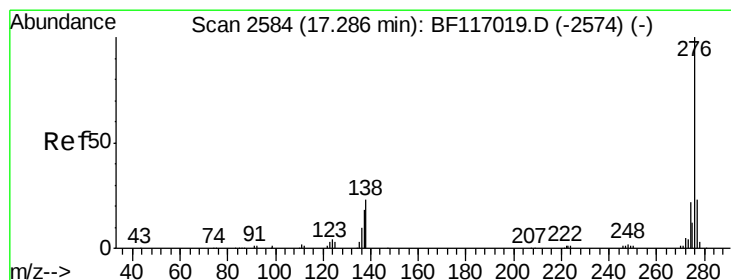
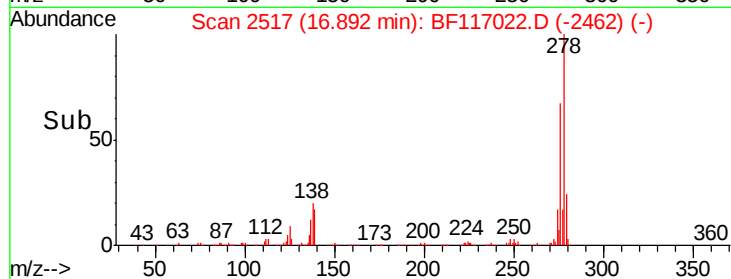
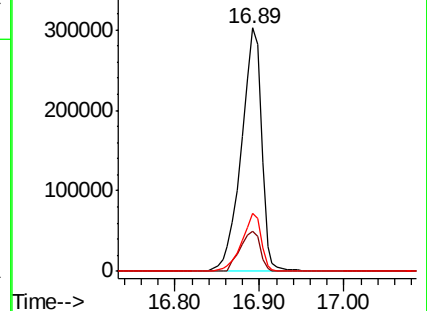
279 23.7 18.8 28.2



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: 76.778 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.03 min

Lab File: BF117022.D

Acq: 13 Sep 2019 14:41

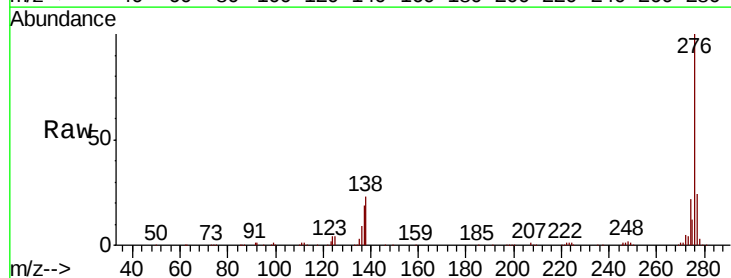
Tgt Ion:276 Resp: 507518

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 22.7 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

