

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117259.D
 Acq On : 26 Sep 2019 00:44
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:32:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38082	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	147888	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	66717	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	95035	20.00	ng	0.00
76) Chrysene-d12	13.98	240	75262	20.00	ng	0.00
87) Perylene-d12	15.43	264	62192	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	190667	78.17	ng	0.00
7) Phenol-d6	6.46	99	240303	76.23	ng	0.00
23) Nitrobenzene-d5	7.38	82	230372	81.85	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	39389	70.64	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	382887	89.73	ng	0.00
79) Terphenyl-d14	12.92	244	313826	77.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	36157	35.425	ng	97
3) Pyridine	3.28	79	98945	35.417	ng	97
4) n-Nitrosodimethylamine	3.22	42	38804	40.474	ng	89
6) Aniline	6.48	93	150101	36.983	ng	# 82
8) 2-Chlorophenol	6.61	128	103383	39.288	ng	95
9) Benzaldehyde	6.37	77	69238	45.180	ng	98
10) Phenol	6.47	94	131400	37.811	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	95510	37.394	ng	98
12) 1,3-Dichlorobenzene	6.76	146	117424	39.767	ng	99
13) 1,4-Dichlorobenzene	6.83	146	120194	39.887	ng	99
14) 1,2-Dichlorobenzene	6.99	146	111255	39.655	ng	98
15) Benzyl Alcohol	6.96	79	92038	38.074	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	93138	36.909	ng	75
17) 2-Methylphenol	7.08	107	83717	37.961	ng	93
18) Hexachloroethane	7.33	117	39687	34.235	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	73629	38.358	ng	95
20) 3+4-Methylphenols	7.23	107	105414	38.374	ng	# 78
22) Acetophenone	7.23	105	153544	40.865	ng	99
24) Nitrobenzene	7.40	77	111986	40.289	ng	99
25) Isophorone	7.64	82	194864	39.101	ng	100
26) 2-Nitrophenol	7.72	139	45212	37.869	ng	95
27) 2,4-Dimethylphenol	7.76	122	71261	37.638	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	121917	39.707	ng	100
29) 2,4-Dichlorophenol	7.96	162	73874	37.238	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	83776	39.088	ng	99
31) Naphthalene	8.12	128	278107	39.101	ng	99
32) Benzoic acid	7.89	122	26384	22.514	ng	94
33) 4-Chloroaniline	8.17	127	112424	35.638	ng	97
34) Hexachlorobutadiene	8.24	225	50904	41.862	ng	94
35) Caprolactam	8.55	113	21882	32.587	ng	# 88
36) 4-Chloro-3-methylphenol	8.66	107	78523	33.946	ng	96
37) 2-Methylnaphthalene	8.81	142	176854	36.925	ng	99
38) 1-Methylnaphthalene	8.91	142	164083	36.579	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	71422	41.457	ng	98

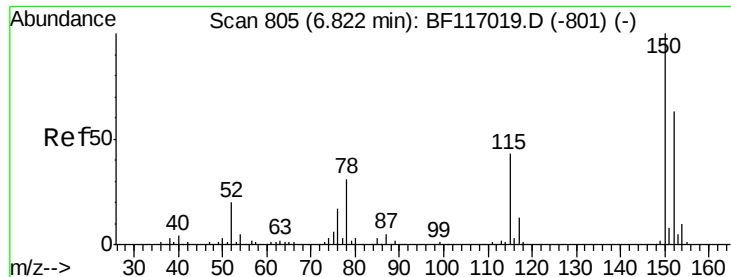
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117259.D
 Acq On : 26 Sep 2019 00:44
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:32:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	3334	11.796	ng	93
43) 2,4,6-Trichlorophenol	9.09	196	45346	38.785	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	44252	35.426	ng	96
46) 1,1'-Biphenyl	9.27	154	214121	40.915	ng	98
47) 2-Chloronaphthalene	9.30	162	165985	40.188	ng	98
48) 2-Nitroaniline	9.40	65	51852	39.141	ng	93
49) Acenaphthylene	9.71	152	231985	37.494	ng	99
50) Dimethylphthalate	9.57	163	185042	39.172	ng	99
51) 2,6-Dinitrotoluene	9.64	165	36409	37.843	ng	98
52) Acenaphthene	9.89	154	140882	38.412	ng	99
53) 3-Nitroaniline	9.81	138	41594	34.265	ng	94
54) 2,4-Dinitrophenol	9.95	184	995	11.287	ng	# 49
55) Dibenzofuran	10.06	168	200536	37.058	ng	98
56) 4-Nitrophenol	9.99	139	22473	28.565	ng	93
57) 2,4-Dinitrotoluene	10.05	165	45004	36.036	ng	# 87
58) Fluorene	10.40	166	164189	37.666	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	32144	33.627	ng	99
60) Diethylphthalate	10.27	149	180815	38.906	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	77321	40.997	ng	97
62) 4-Nitroaniline	10.42	138	41979	33.254	ng	93
63) Azobenzene	10.55	77	176277	37.137	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	3251	13.330	ng	# 71
66) n-Nitrosodiphenylamine	10.50	169	137874	42.008	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	41077	42.324	ng	96
68) Hexachlorobenzene	10.95	284	43725	41.190	ng	95
69) Atrazine	11.03	200	30475	35.174	ng	94
70) Pentachlorophenol	11.15	266	20729	41.659	ng	95
71) Phenanthrene	11.36	178	211833	39.243	ng	98
72) Anthracene	11.42	178	220211	39.959	ng	99
73) Carbazole	11.57	167	197580	37.771	ng	97
74) Di-n-butylphthalate	11.89	149	273690	43.975	ng	97
75) Fluoranthene	12.55	202	213572	38.507	ng	98
77) Benzidine	12.67	184	76535	31.569	ng	100
78) Pyrene	12.78	202	218870	34.659	ng	99
80) Butylbenzylphthalate	13.39	149	113014	37.874	ng	96
81) Benzo(a)anthracene	13.97	228	188461	37.480	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	62674	38.679	ng	97
83) Chrysene	14.00	228	192105	39.171	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	163770	42.567	ng	98
85) Di-n-octyl phthalate	14.56	149	273527	45.170	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	119888	33.507	ng	98
88) Benzo(b)fluoranthene	15.01	252	152831	40.569	ng	98
89) Benzo(k)fluoranthene	15.04	252	140643	39.412	ng	99
90) Benzo(a)pyrene	15.37	252	128640	38.914	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	98272	37.316	ng	99
92) Benzo(g,h,i)perylene	17.32	276	91921	35.028	ng	# 93

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

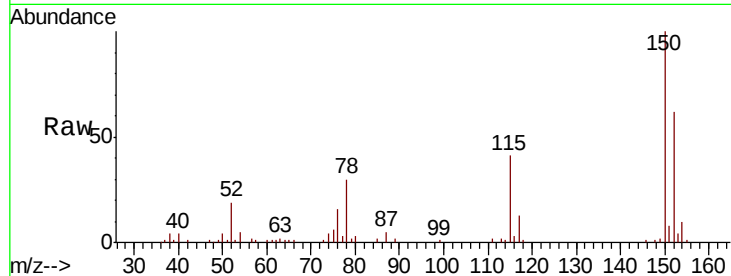


#1

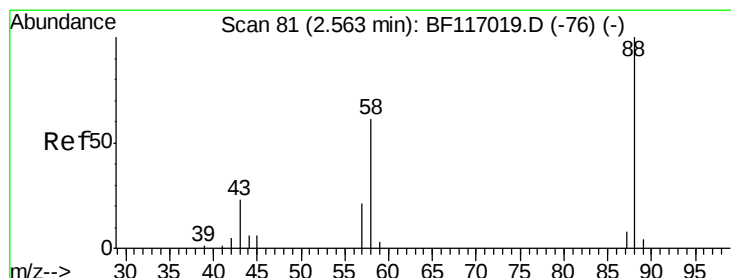
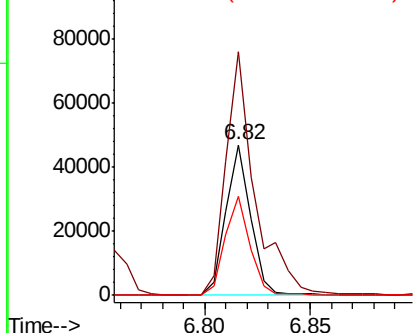
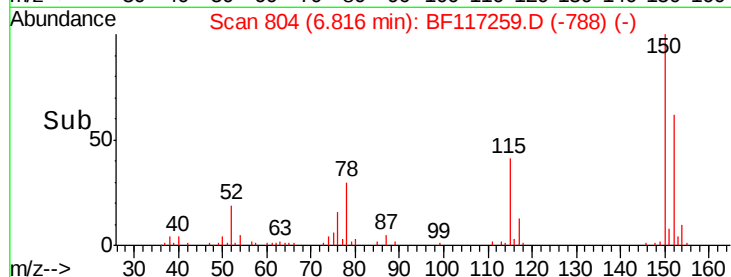
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 38082
Ion Ratio Lower Upper
152 100
150 161.8 127.5 191.3
115 65.8 55.0 82.4



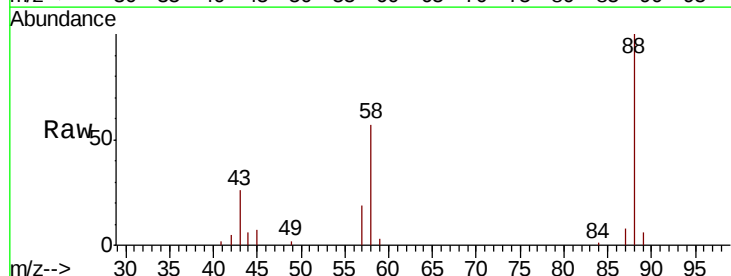
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



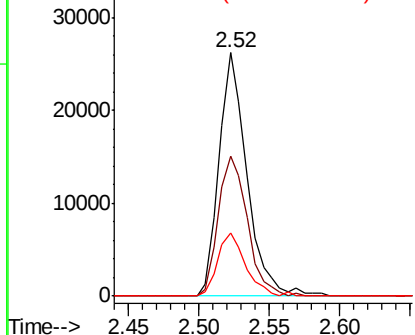
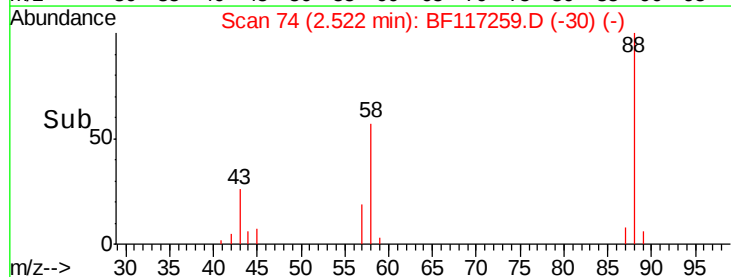
#2

1,4-Dioxane
Concen: 35.425 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.04 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion: 88 Resp: 36157
Ion Ratio Lower Upper
88 100
58 59.8 49.3 73.9
43 26.0 18.8 28.2



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





#3

Pvridine

Concen: 35.417 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

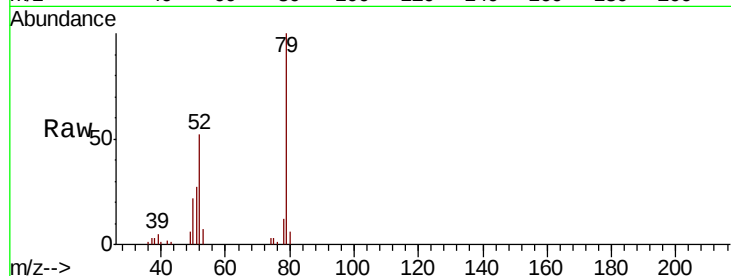
Tot Ion: 79 Resp: 98945

Ion Ratio Lower Upper

79 100

52 51.6 43.5 65.3

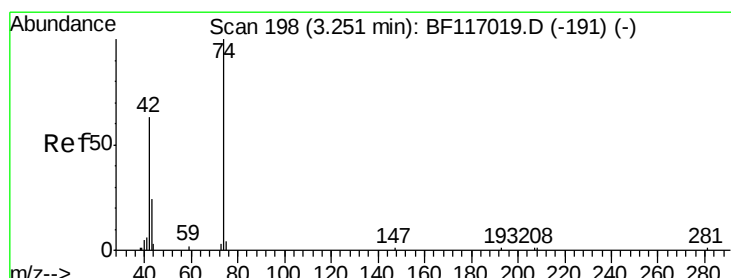
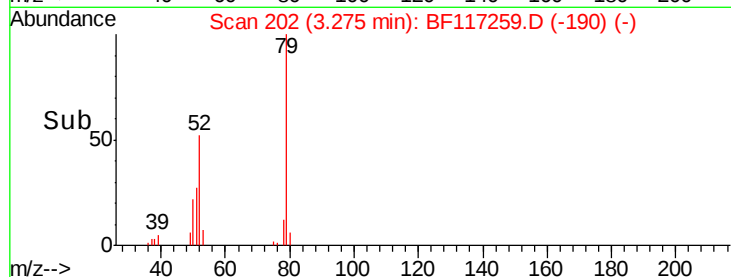
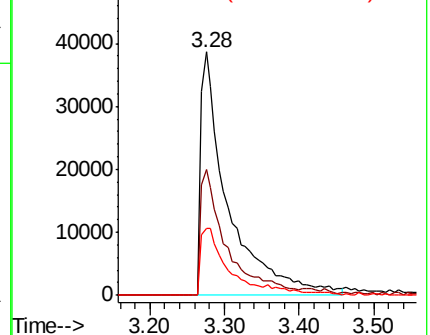
51 27.4 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.474 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.03 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

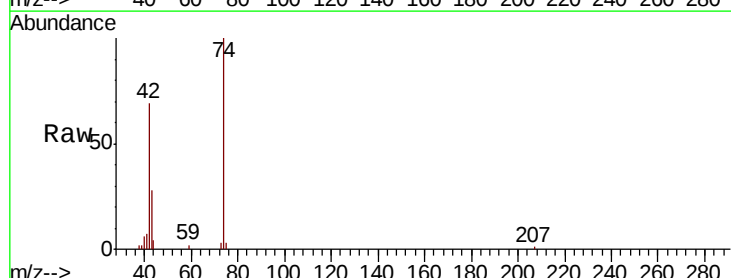
Tgt Ion: 42 Resp: 38804

Ion Ratio Lower Upper

42 100

74 144.2 127.1 190.7

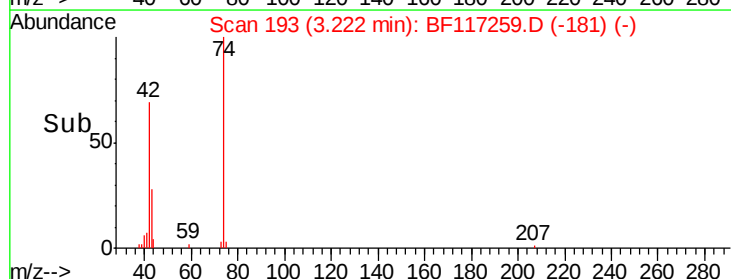
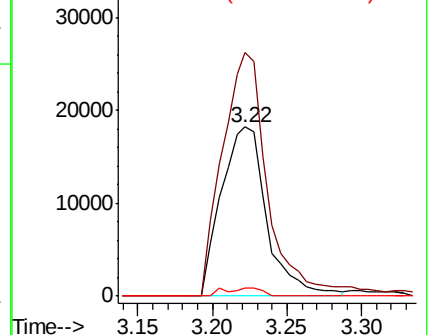
44 5.1 4.3 6.5

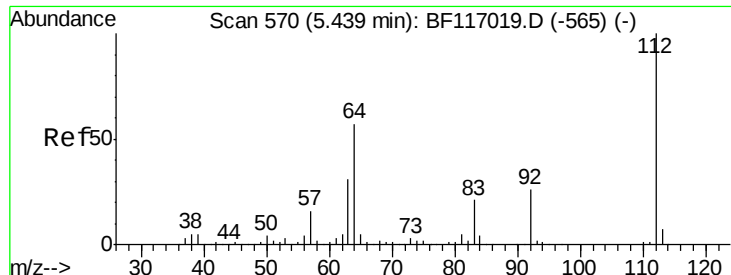


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.168 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

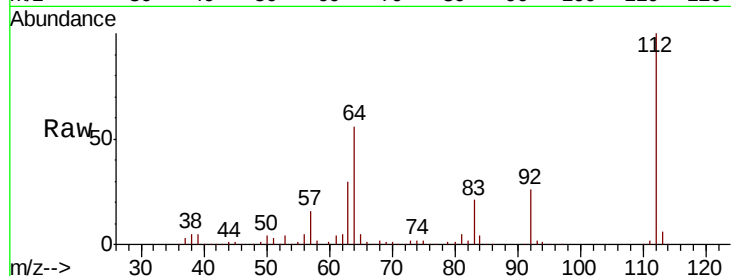
Tot Ion:112 Resp: 190667

Ion Ratio Lower Upper

112 100

64 56.5 45.7 68.5

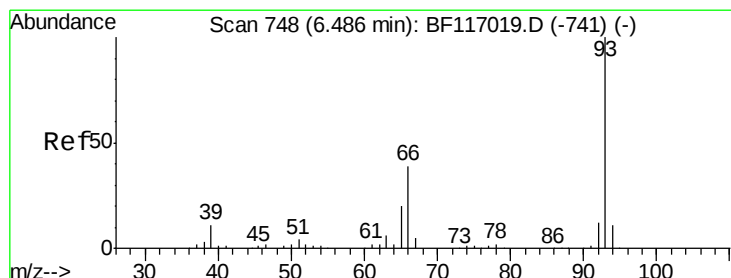
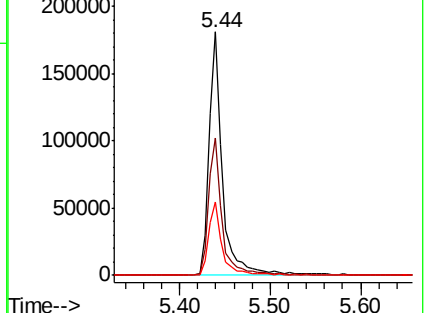
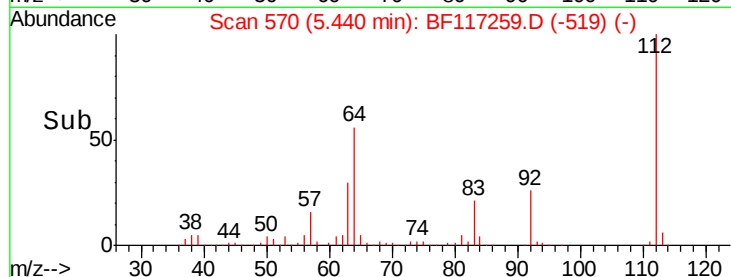
63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF117259.D (-519) (-)

Ion 64.00 (63.70 to 64.70): BF117259.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BF117259.D (-519) (-)



#6

Aniline

Concen: 36.983 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

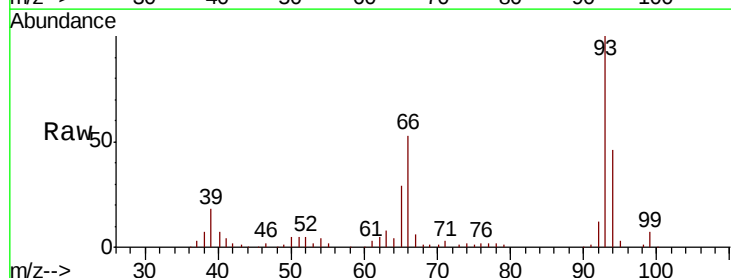
Tgt Ion: 93 Resp: 150101

Ion Ratio Lower Upper

93 100

66 52.6 32.6 49.0#

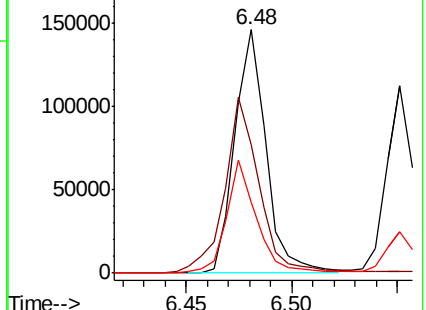
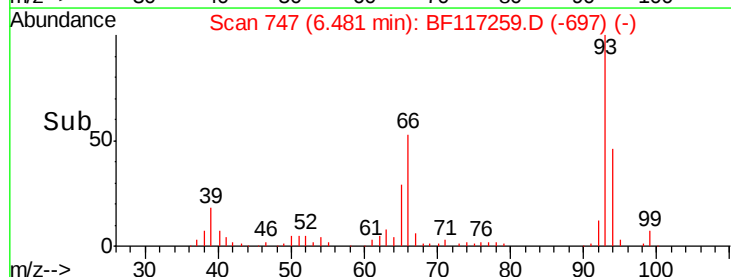
65 29.1 16.7 25.1#

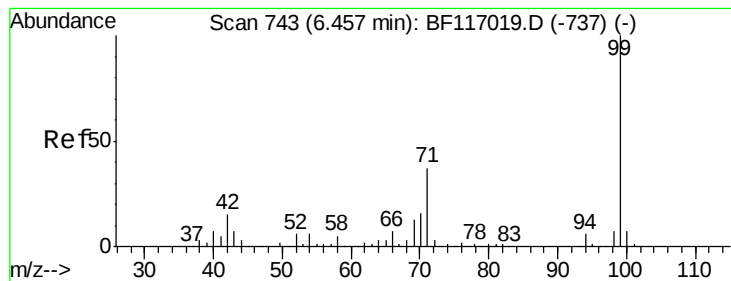


Abundance Ion 93.00 (92.70 to 93.70): BF117259.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BF117259.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BF117259.D (-697) (-)





#7

Phenol-d6

Concen: 76.230 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

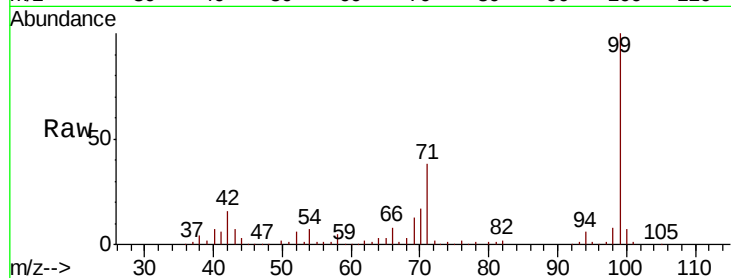
Tot Ion: 99 Resp: 240303

Ion Ratio Lower Upper

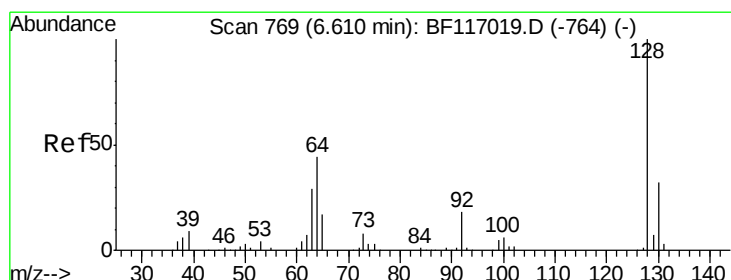
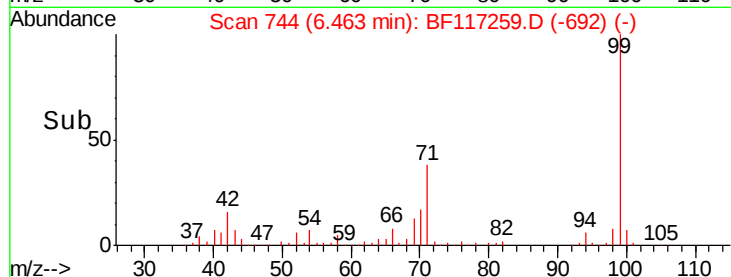
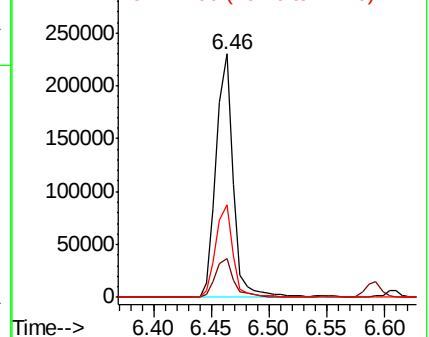
99 100

42 15.7 12.2 18.2

71 38.2 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: 39.288 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

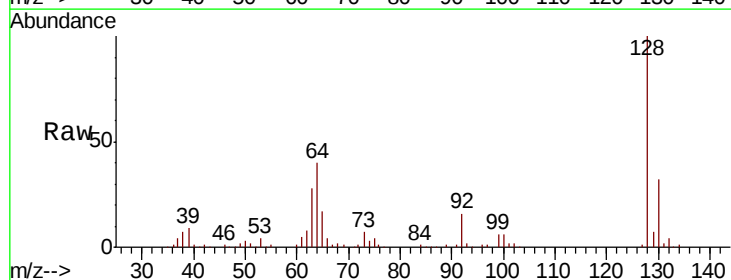
Tgt Ion: 128 Resp: 103383

Ion Ratio Lower Upper

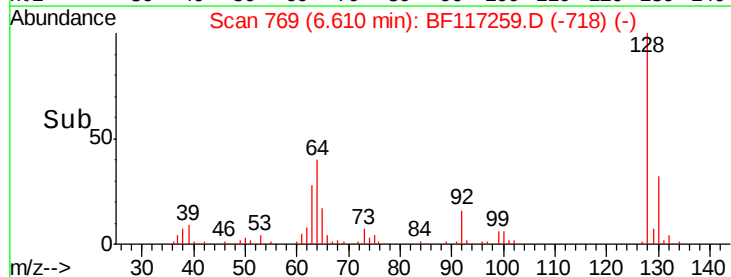
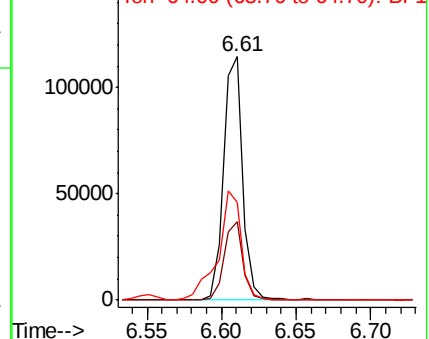
128 100

130 32.5 11.8 51.8

64 40.2 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: 45.180 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

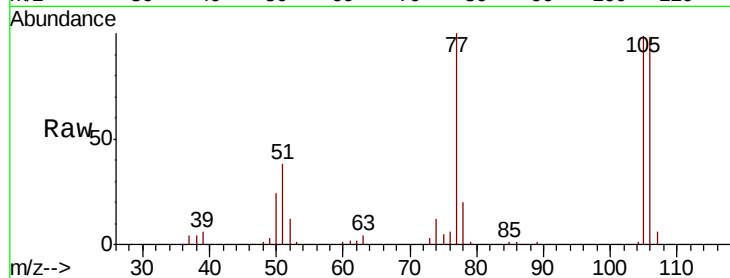
Tot Ion: 77 Resp: 69238

Ion Ratio Lower Upper

77 100

105 99.2 81.8 121.8

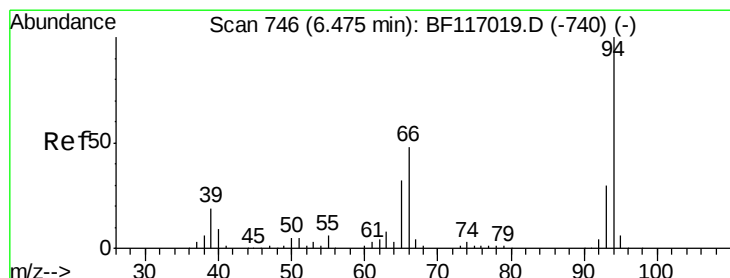
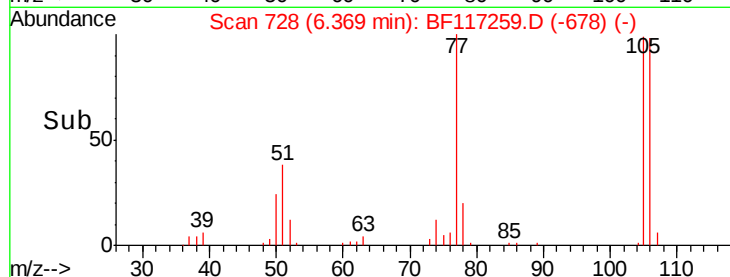
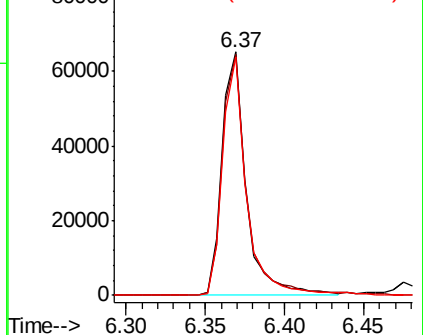
106 97.8 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.811 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

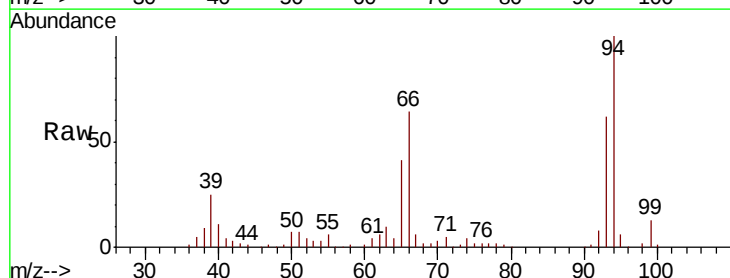
Tgt Ion: 94 Resp: 131400

Ion Ratio Lower Upper

94 100

65 40.9 12.5 52.5

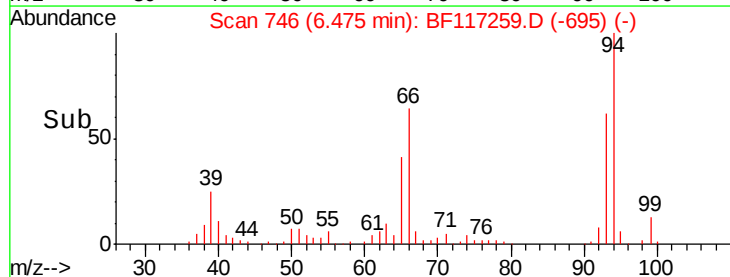
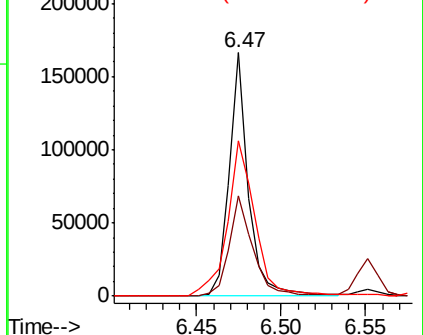
66 63.7 28.9 68.9



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

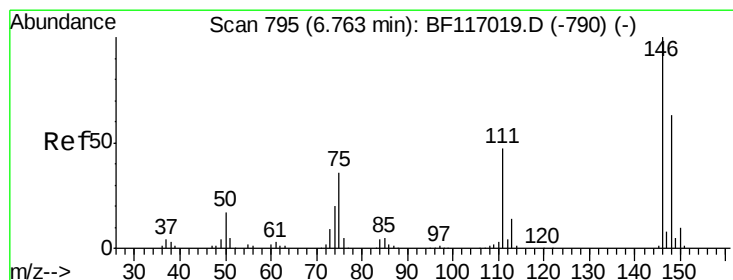
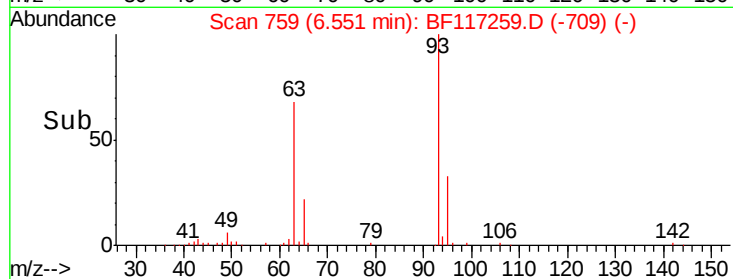
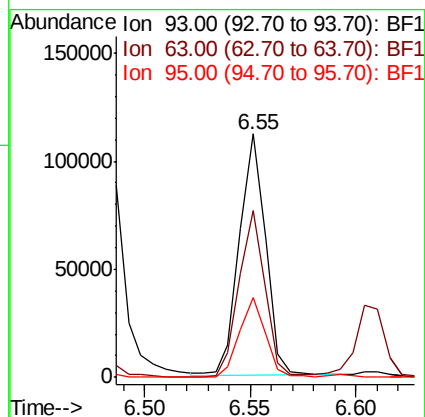
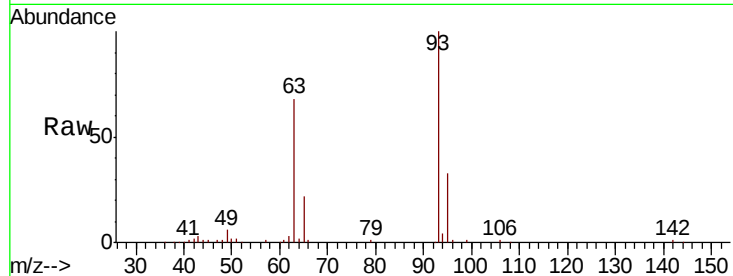




#11
 bis(2-Chloroethyl)ether
 Concen: 37.394 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

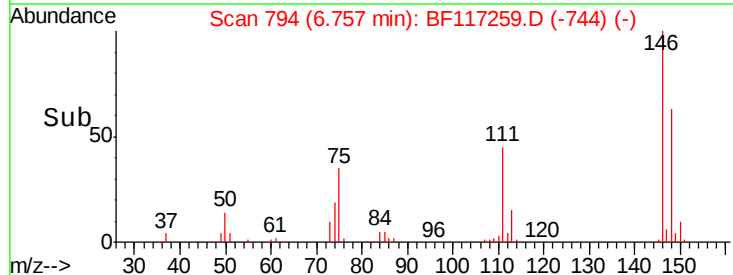
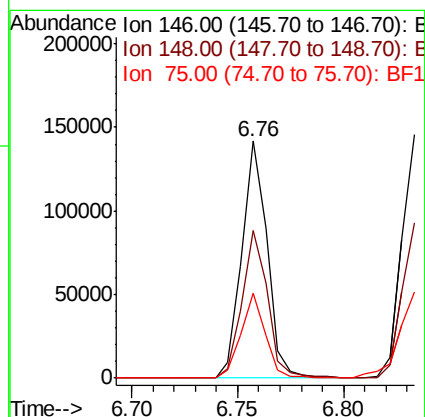
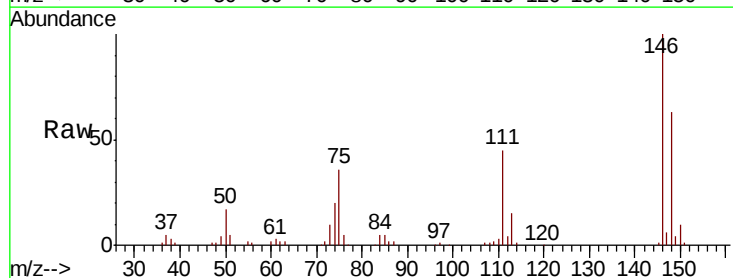
Instrument :
 BNA_F
 ClientSampled :

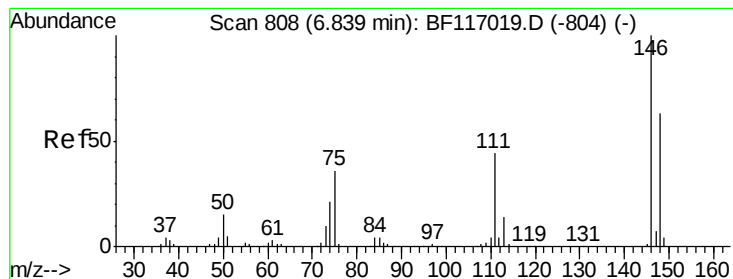
Tot Ion	93	Resp	95510
Ion	Ratio	Lower	Upper
93	100		
63	68.3	49.3	89.3
95	33.0	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.767 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion	146	Resp	117424
Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
75	35.6	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 39.887 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

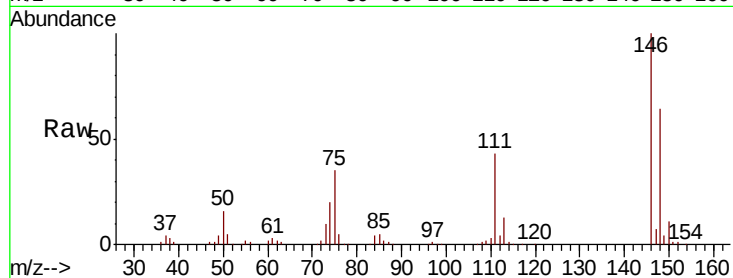
Tot Ion:146 Resp: 120194

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

111 42.8 35.0 52.6

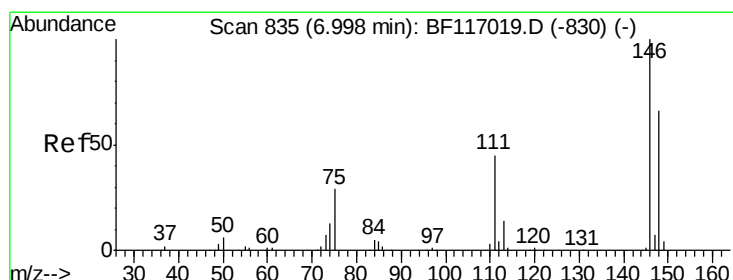
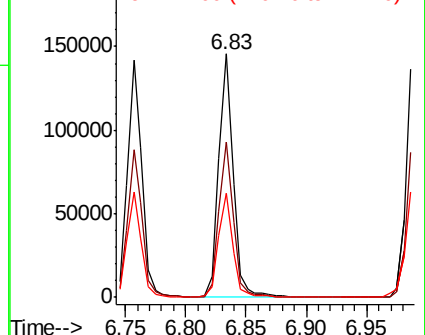
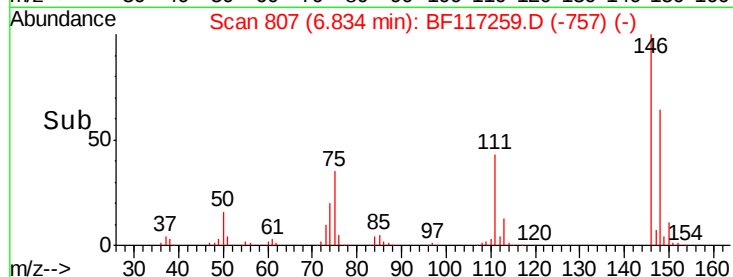


Abundance

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: 39.655 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

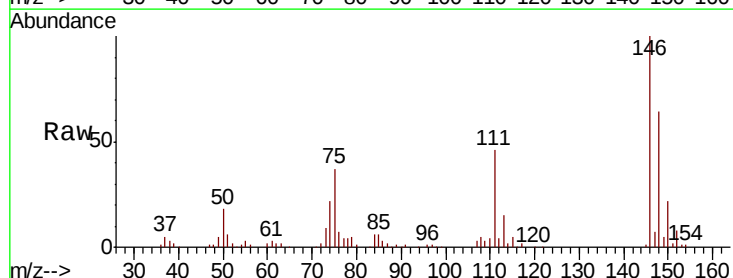
Tgt Ion:146 Resp: 111255

Ion Ratio Lower Upper

146 100

148 63.7 52.6 78.8

111 46.1 36.2 54.2

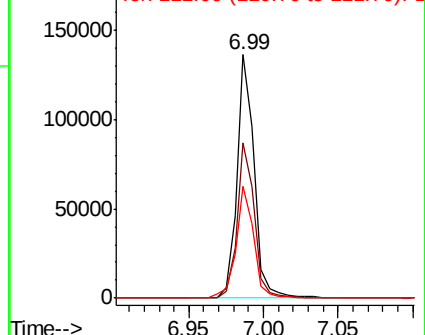
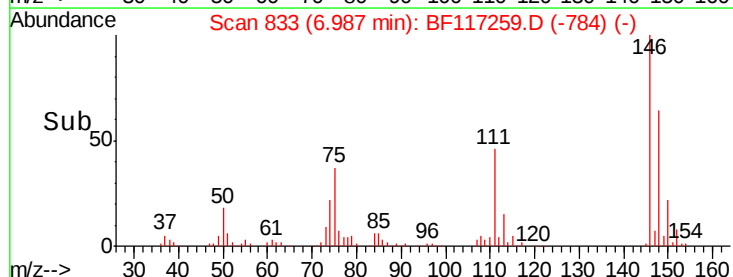


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.074 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleID :

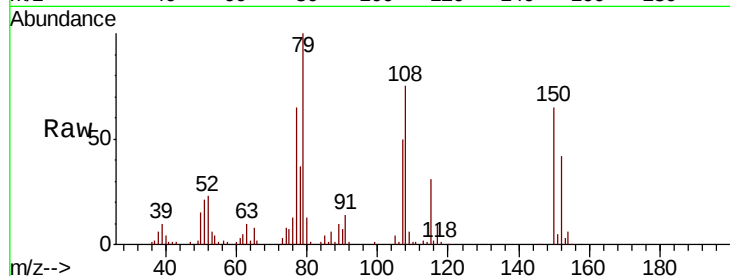
Tot Ion: 79 Resp: 92038

Ion Ratio Lower Upper

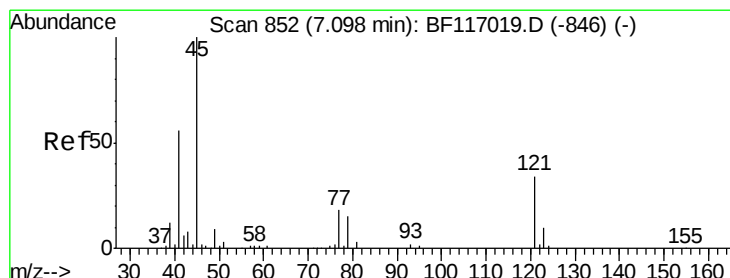
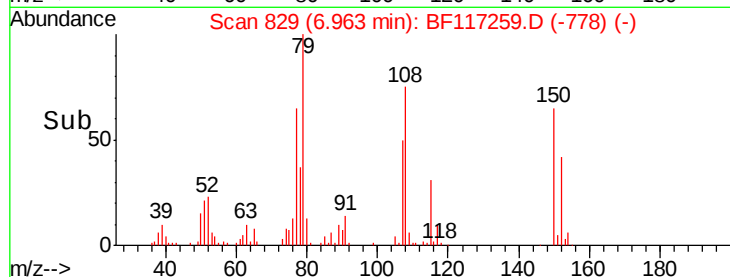
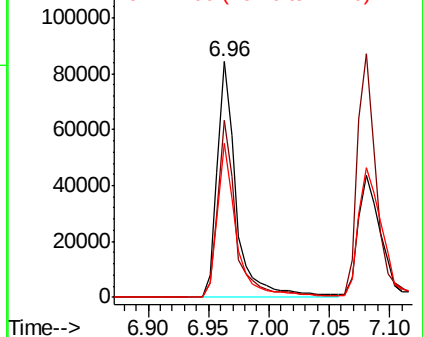
79 100

108 75.2 59.4 89.0

77 65.3 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.909 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

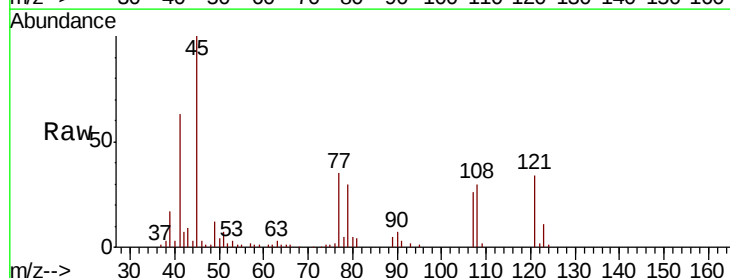
Tgt Ion: 45 Resp: 93138

Ion Ratio Lower Upper

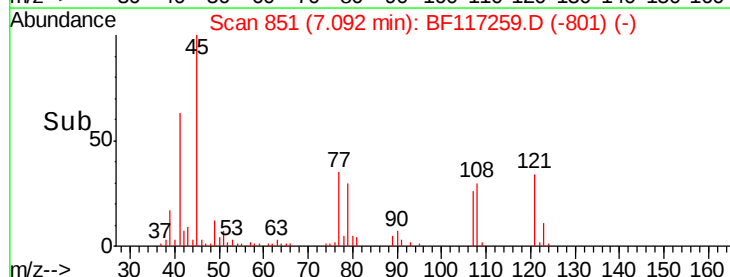
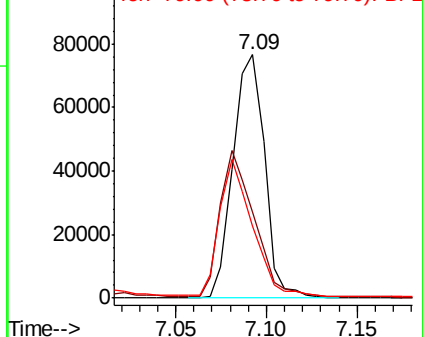
45 100

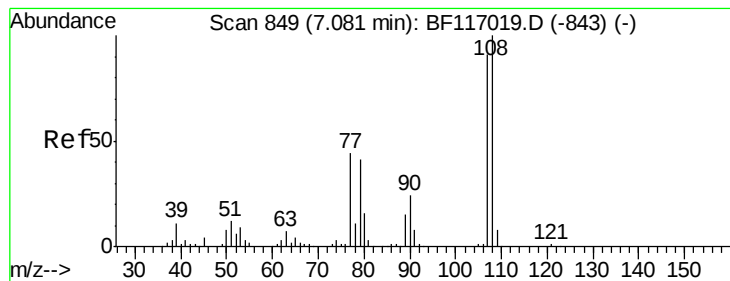
77 35.3 2.7 42.7

79 29.9 0.0 38.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

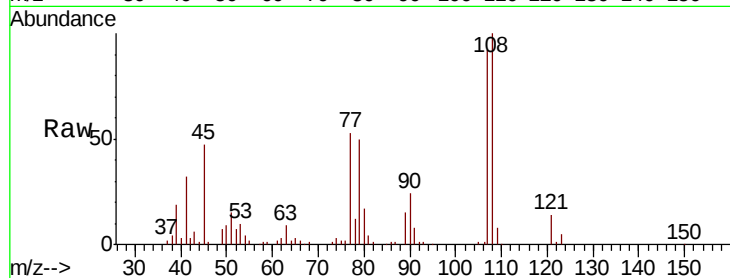




#17
2-Methylphenol
Concen: 37.961 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.7	87.7	131.5
77	57.9	38.6	58.0
79	54.6	36.8	55.2



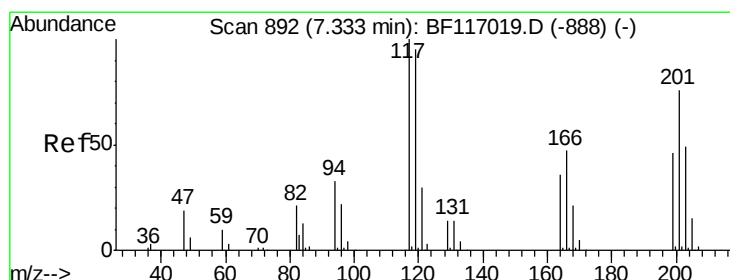
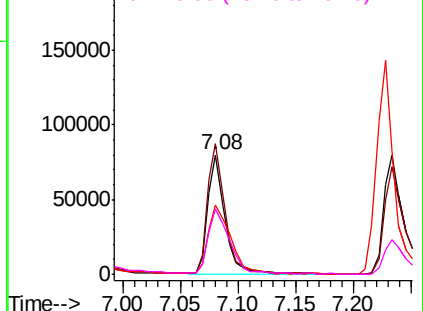
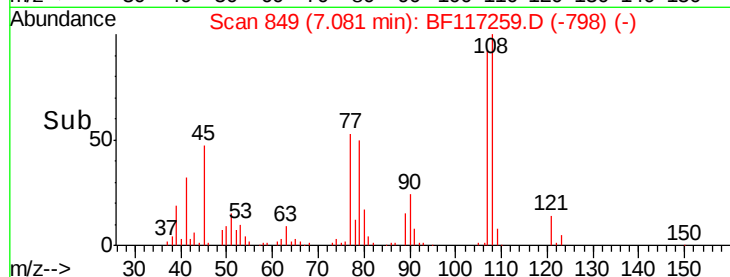
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

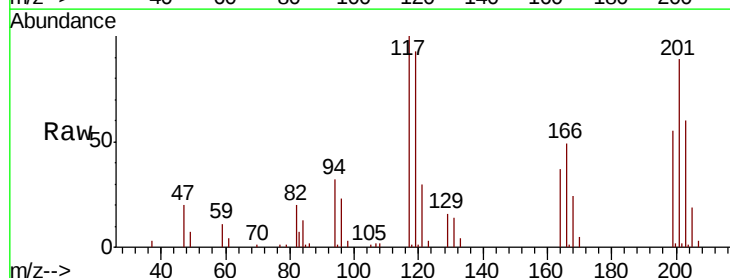
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.235 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.8
201	88.6	60.9	91.3

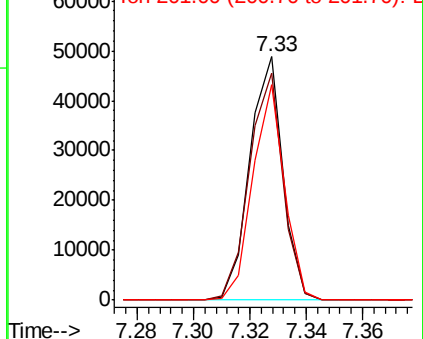
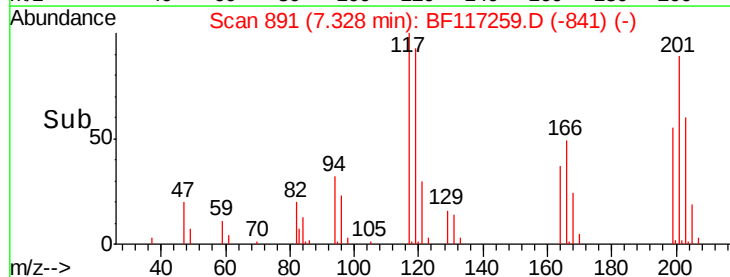


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

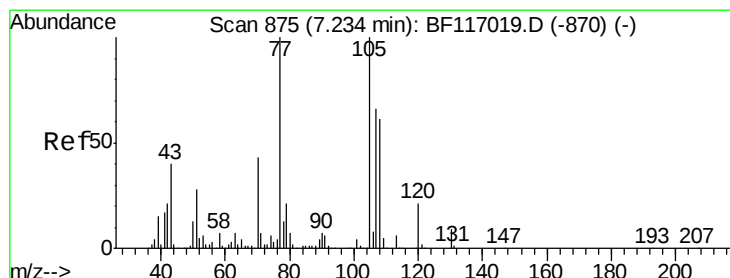
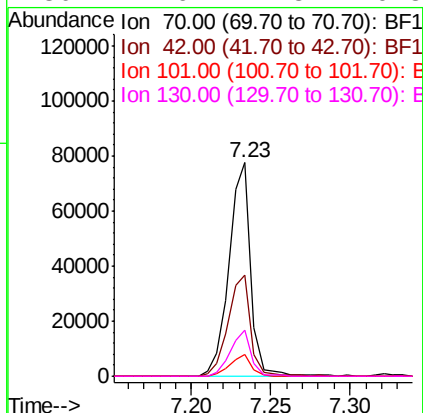
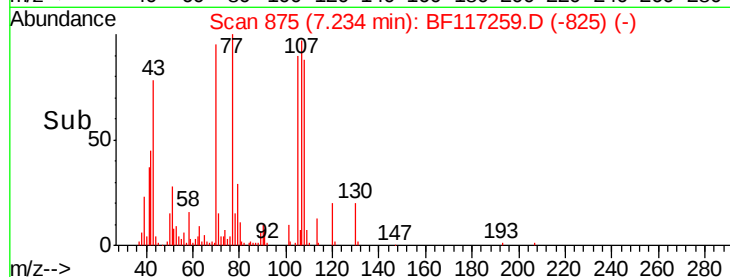
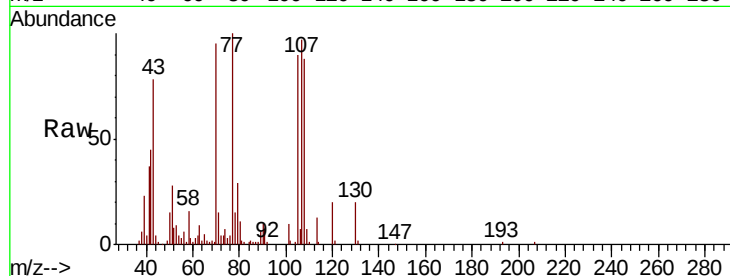




#19
n-Nitroso-di-n-propylamine
Concen: 38.358 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

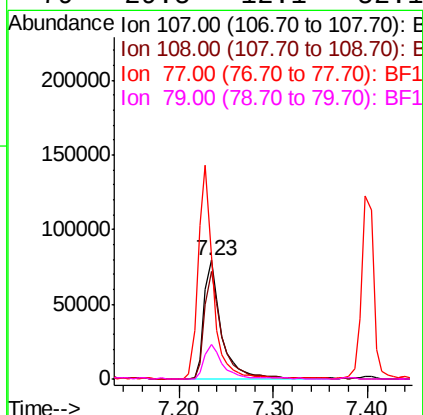
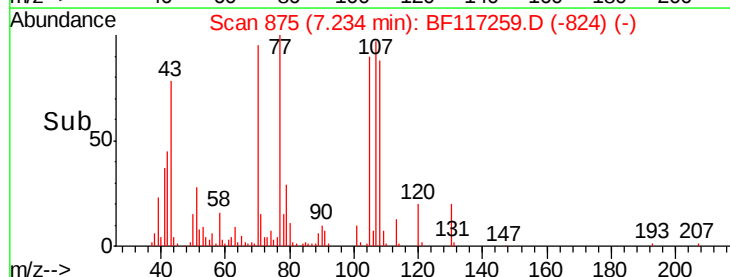
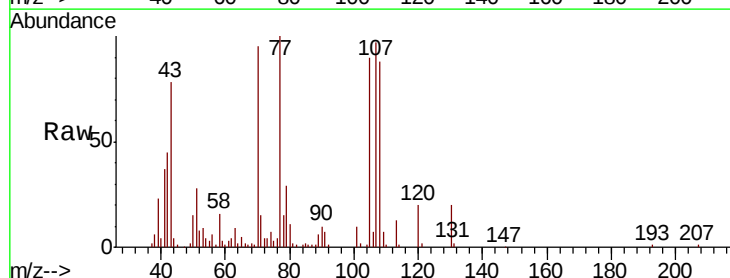
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 73629
Ion Ratio Lower Upper
70 100
42 47.2 34.0 51.0
101 10.0 7.8 11.6
130 21.6 17.8 26.8



#20
3+4-Methylphenols
Concen: 38.374 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion: 107 Resp: 105414
Ion Ratio Lower Upper
107 100
108 90.4 72.6 112.6
77 103.2 132.1 172.1#
79 29.5 12.1 52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 147888

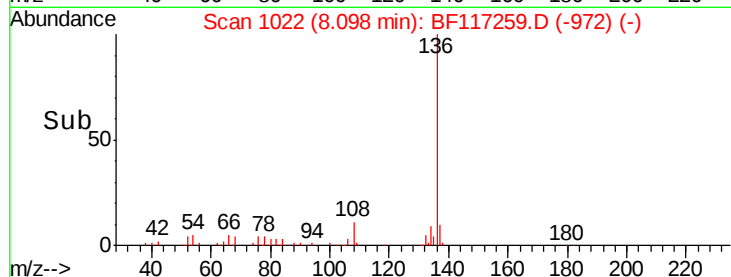
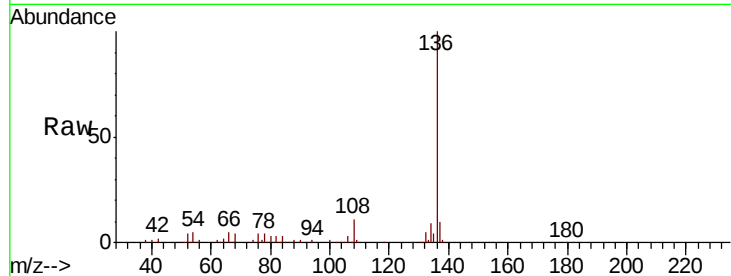
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.4 4.5 6.7

68 4.4 4.0 6.0

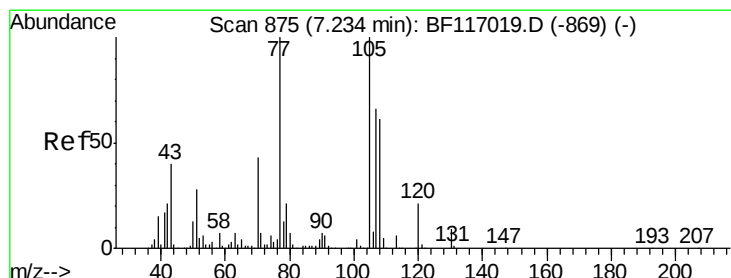
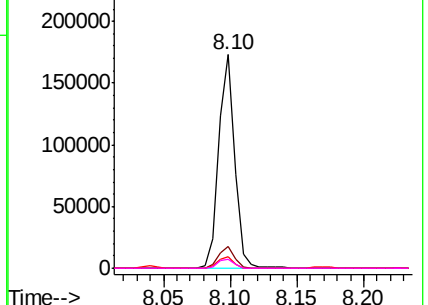


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.865 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Tgt Ion:105 Resp: 153544

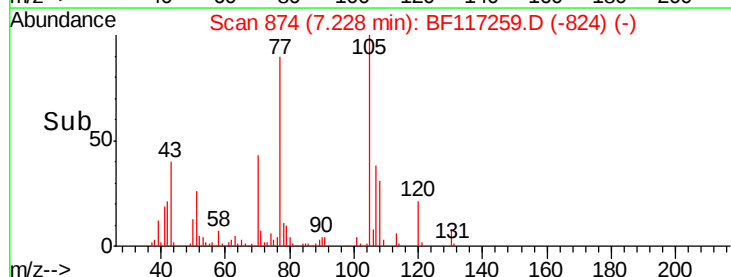
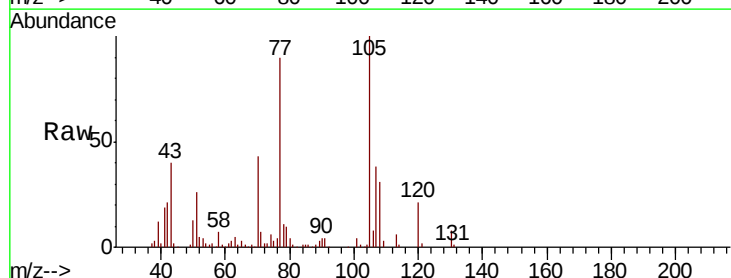
Ion Ratio Lower Upper

105 100

71 7.4 5.7 8.5

51 26.2 22.1 33.1

120 21.4 17.1 25.7

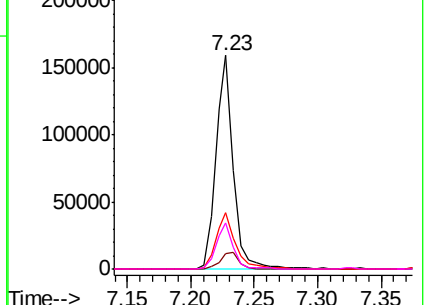


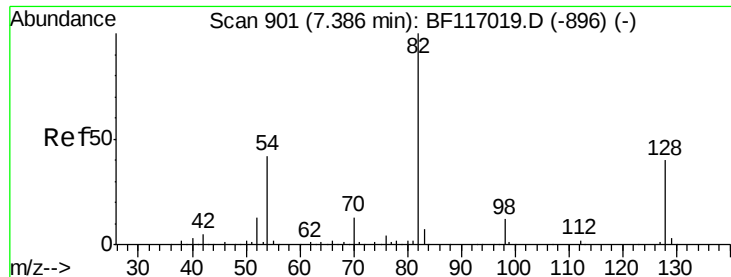
Abundance Ion 105.00 (104.70 to 105.70): E

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

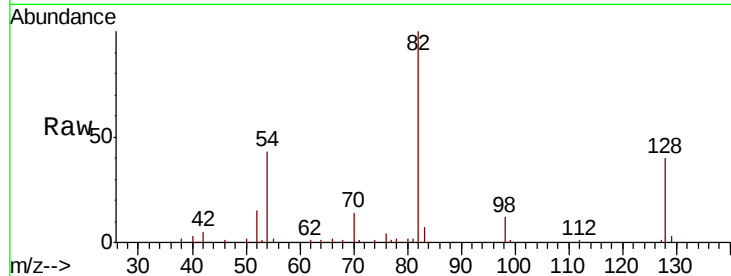




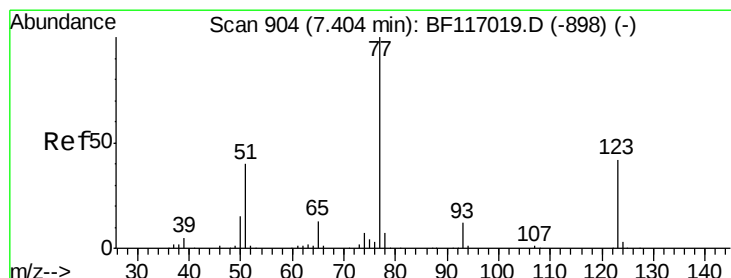
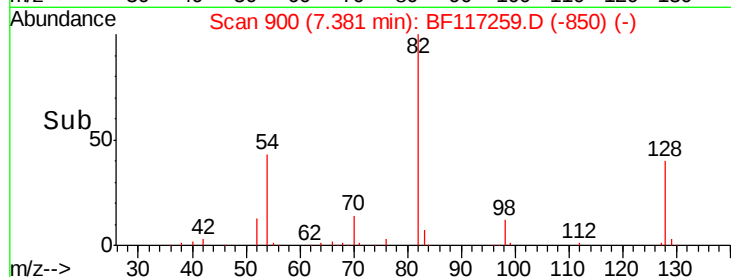
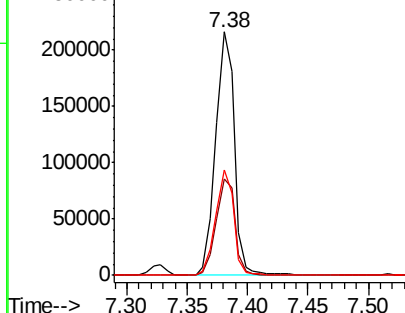
#23
 Nitrobenzene-d5
 Concen: 81.848 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	230372
Ion Ratio	100	Lower	Upper
128	39.6	32.3	48.5
54	43.3	33.3	49.9

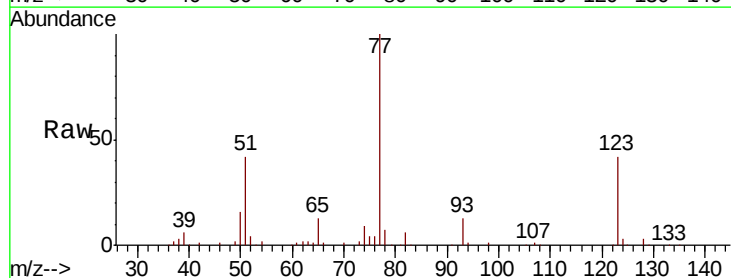


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

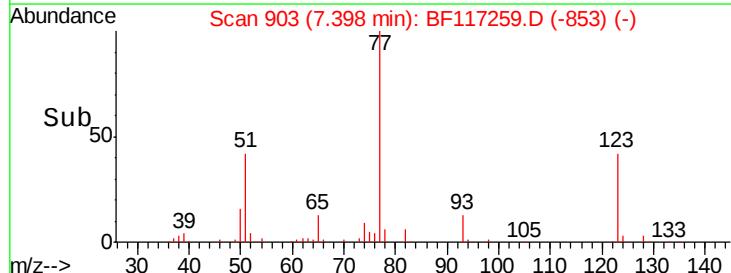
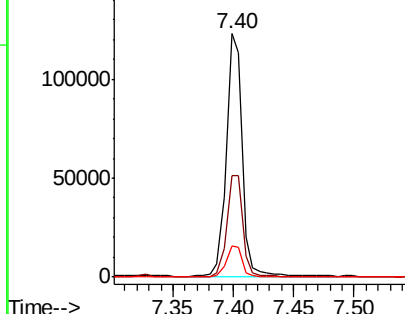


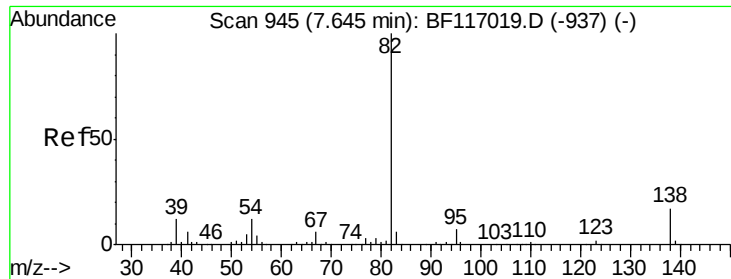
#24
 Nitrobenzene
 Concen: 40.289 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion	77	Resp	111986
Ion Ratio	100	Lower	Upper
123	41.6	33.5	50.3
65	12.7	10.5	15.7



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





#25

Isophorone

Concen: 39.101 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

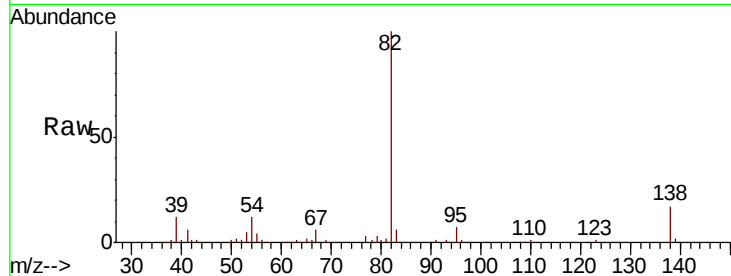
Tot Ion: 82 Resp: 194864

Ion Ratio Lower Upper

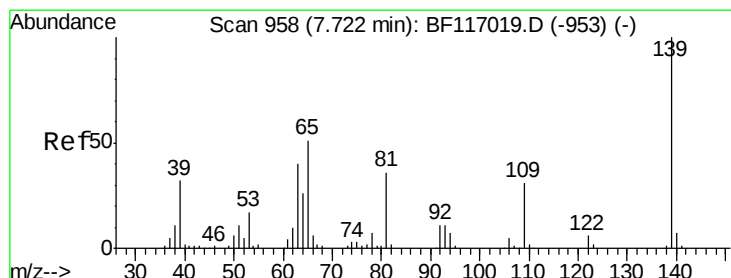
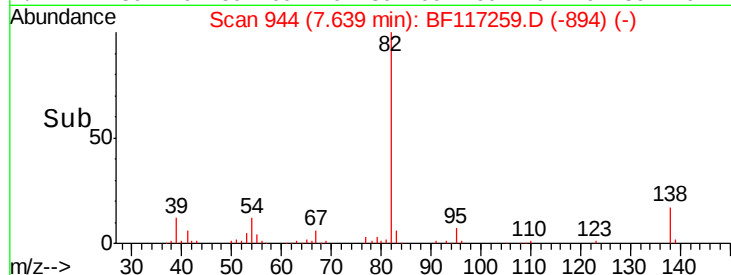
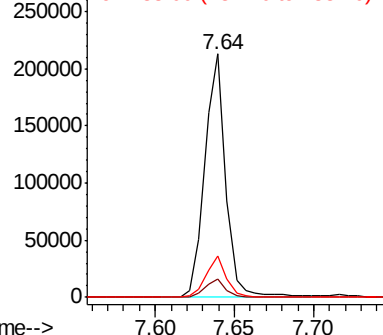
82 100

95 7.3 5.8 8.6

138 16.8 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: 37.869 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

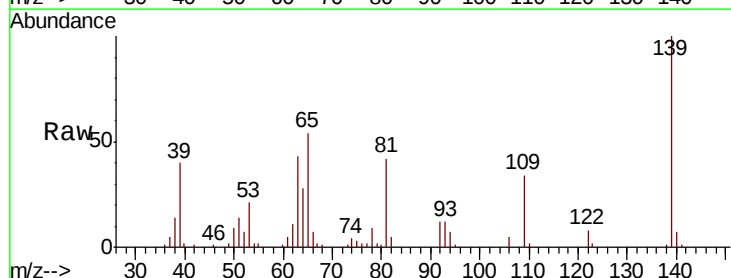
Tgt Ion: 139 Resp: 45212

Ion Ratio Lower Upper

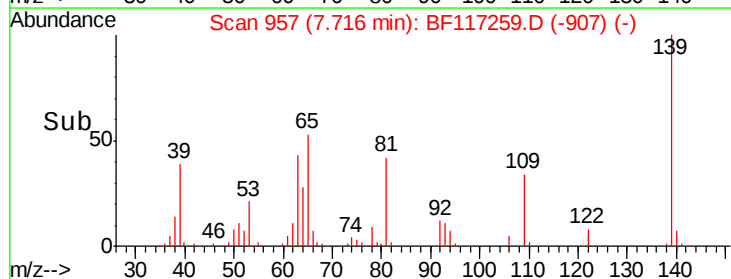
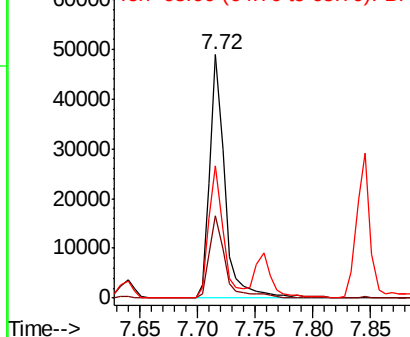
139 100

109 33.7 24.6 36.8

65 54.3 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.638 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

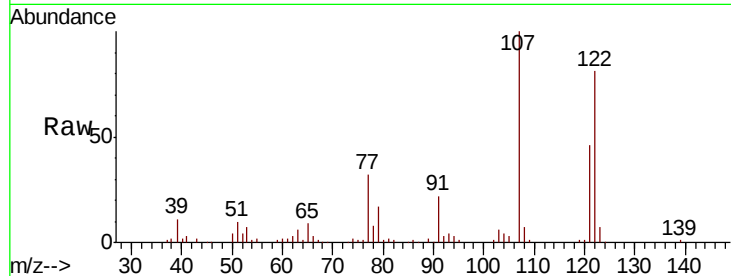
Tot Ion:122 Resp: 71261

Ion Ratio Lower Upper

122 100

107 123.7 98.9 148.3

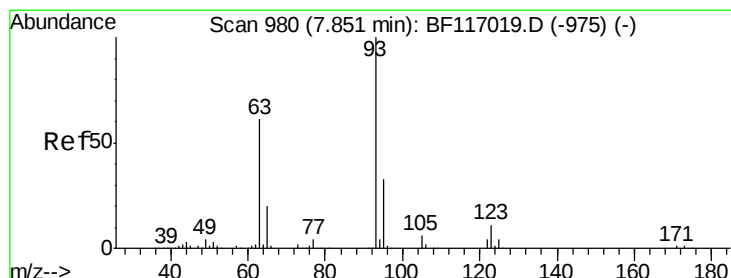
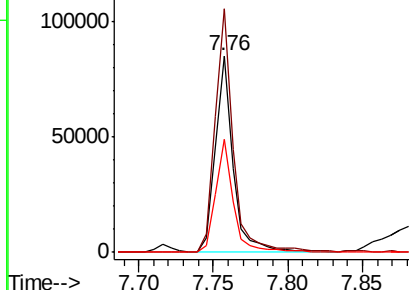
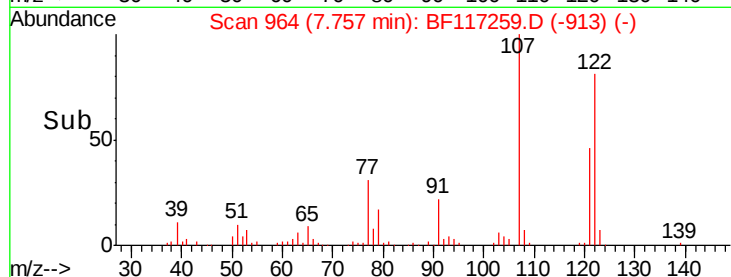
121 57.2 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.707 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

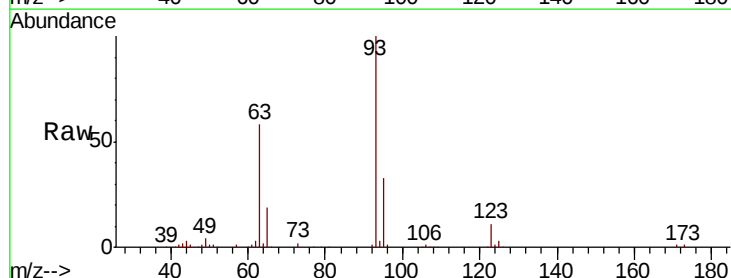
Tgt Ion: 93 Resp: 121917

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

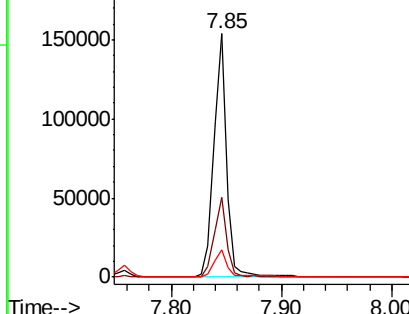
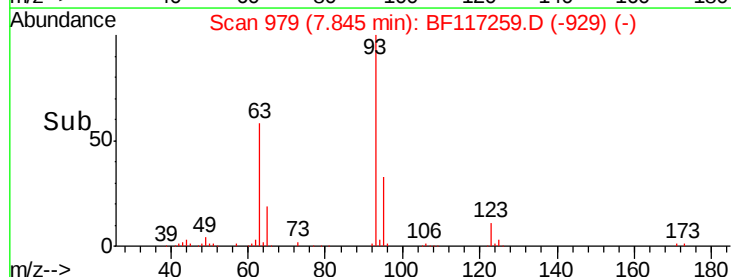
123 11.0 9.0 13.6

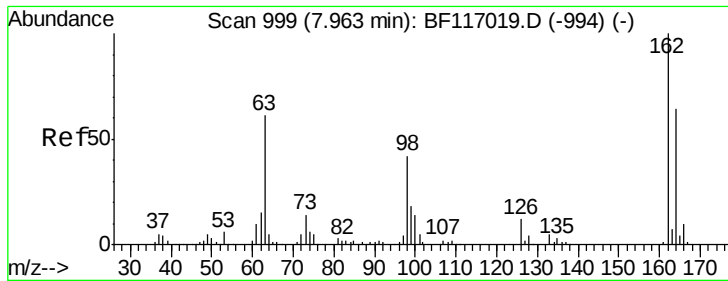


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

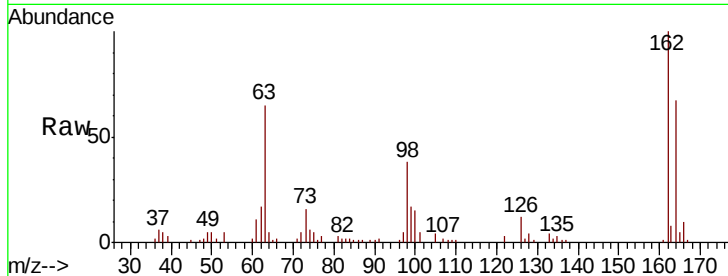




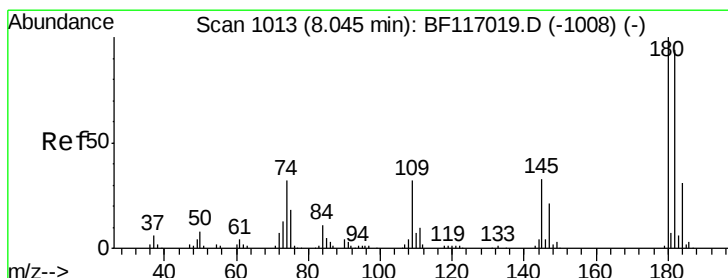
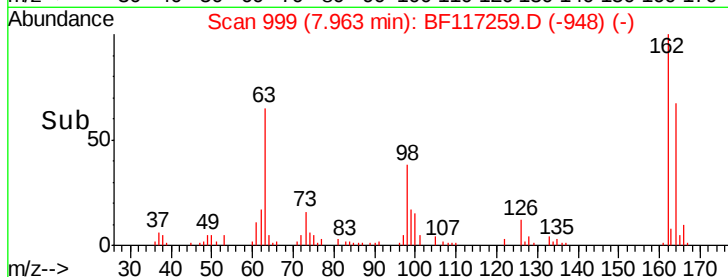
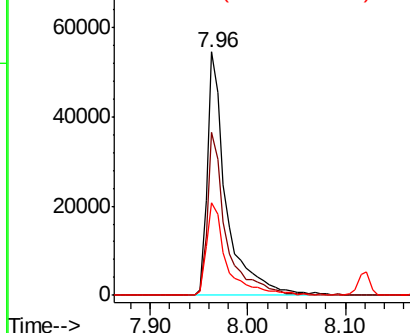
#29
2,4-Dichlorophenol
Concen: 37.238 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 73874
Ion Ratio Lower Upper
162 100
164 66.7 43.8 83.8
98 38.1 22.1 62.1

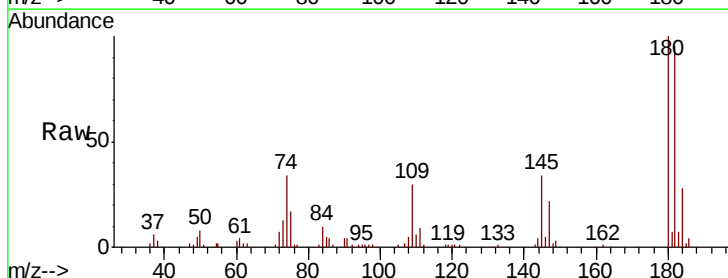


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

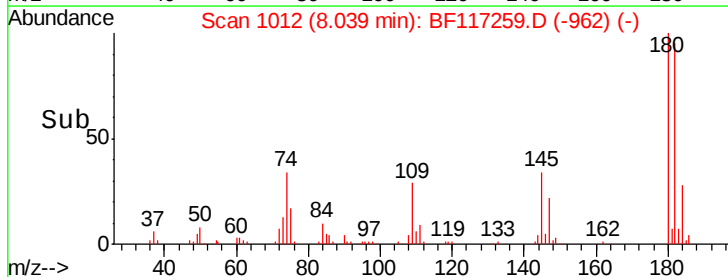
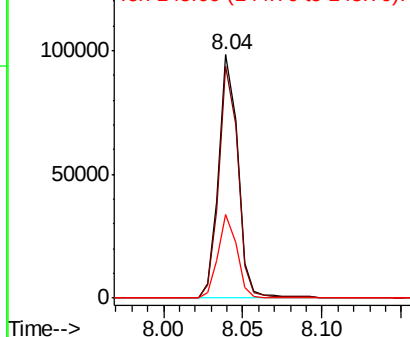


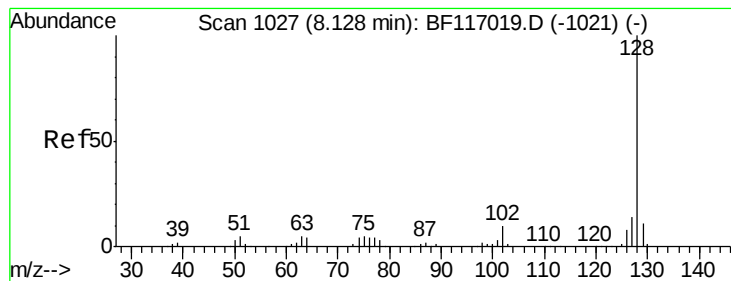
#30
1,2,4-Trichlorobenzene
Concen: 39.088 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:180 Resp: 83776
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 34.1 26.7 40.1



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





#31

Naphthalene

Concen: 39.101 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

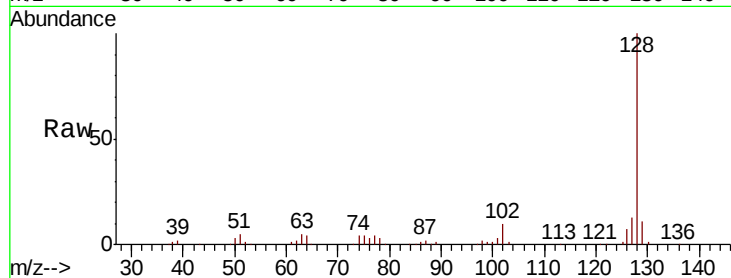
Tot Ion:128 Resp: 278107

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

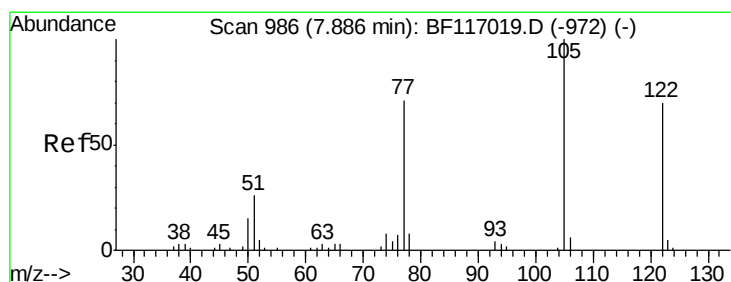
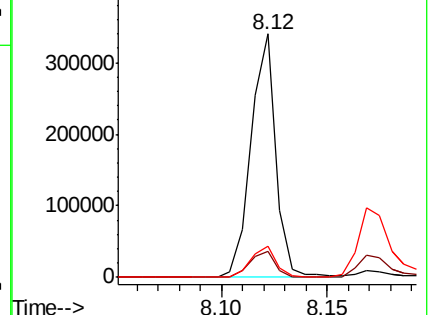
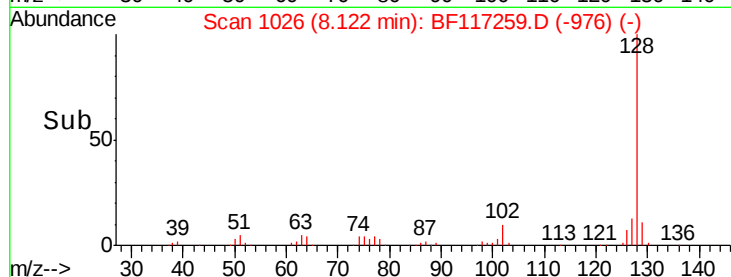
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.514 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

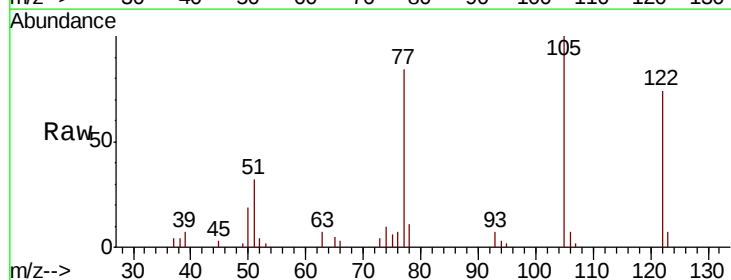
Tgt Ion:122 Resp: 26384

Ion Ratio Lower Upper

122 100

105 134.3 114.8 154.8

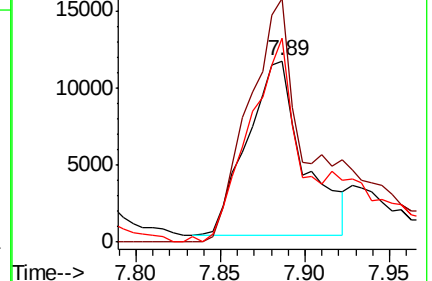
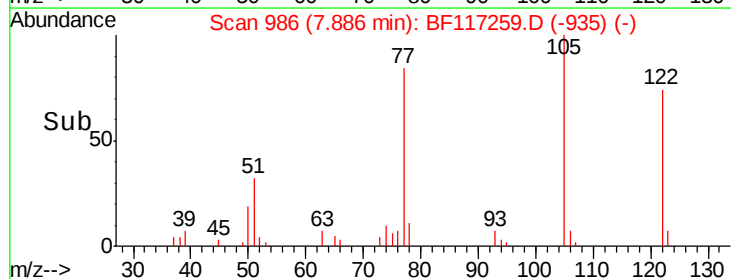
77 112.3 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

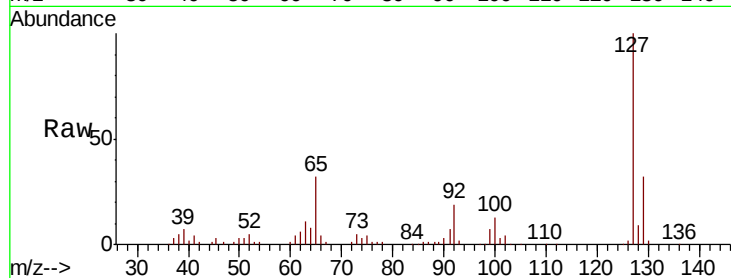




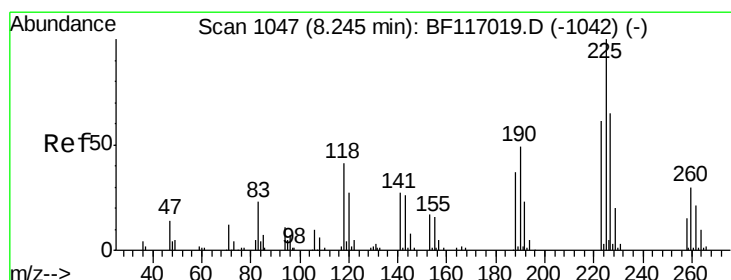
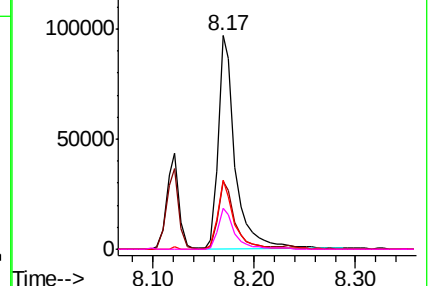
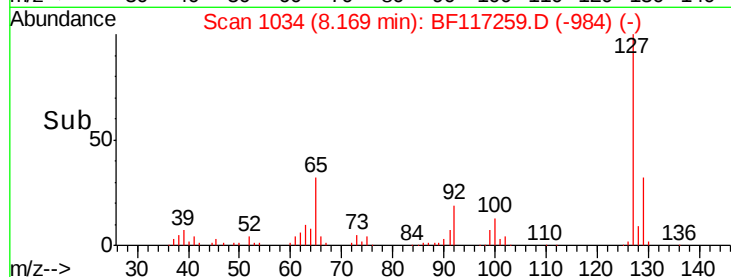
#33
4-Chloroaniline
Concen: 35.638 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	112424
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.2 39.2
65	32.4	23.5 35.3
92	19.4	15.9 23.9

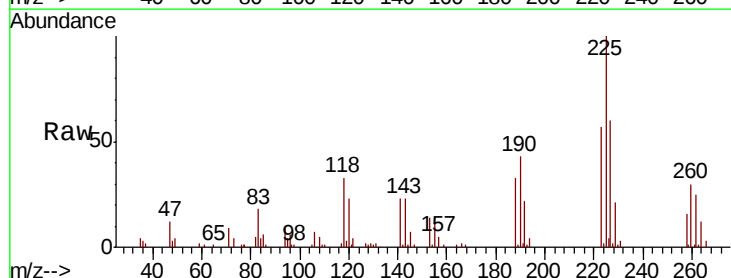


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

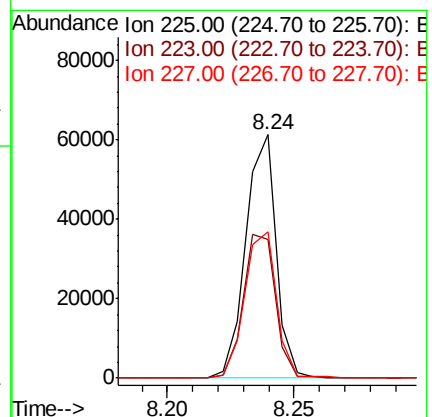
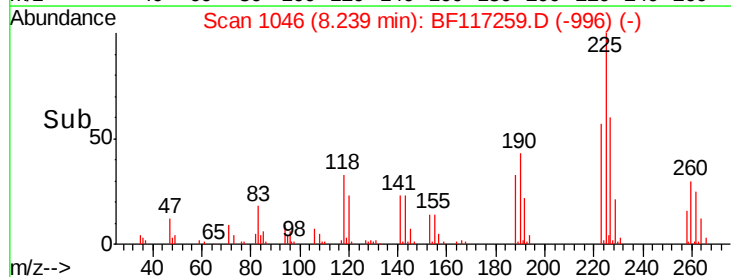


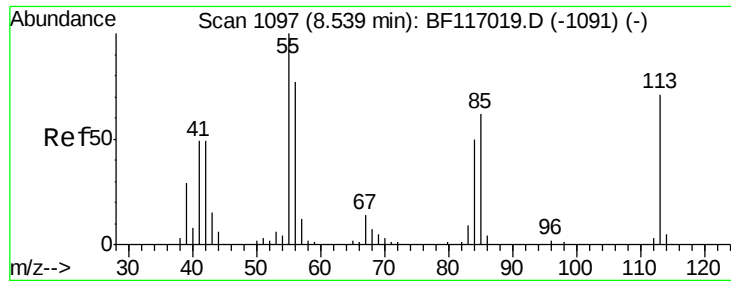
#34
Hexachlorobutadiene
Concen: 41.862 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:225	Resp:	50904
Ion Ratio	Lower	Upper
225	100	
223	56.7	49.1 73.7
227	60.2	52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E
80000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

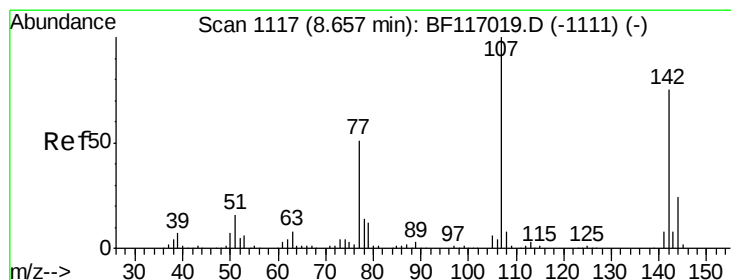
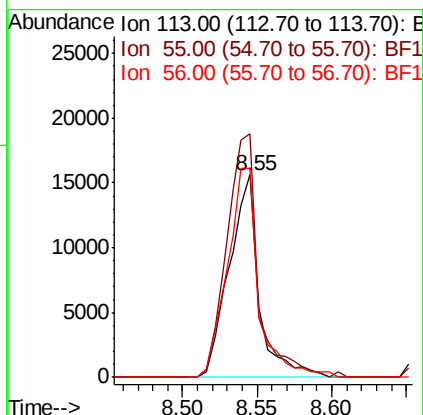
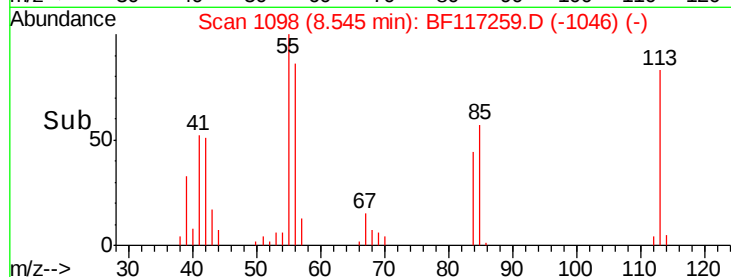
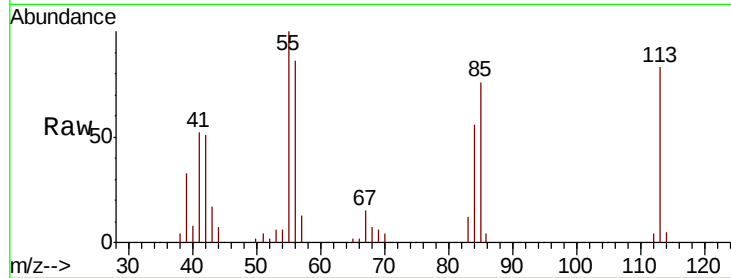




#35
Caprolactam
Concen: 32.587 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

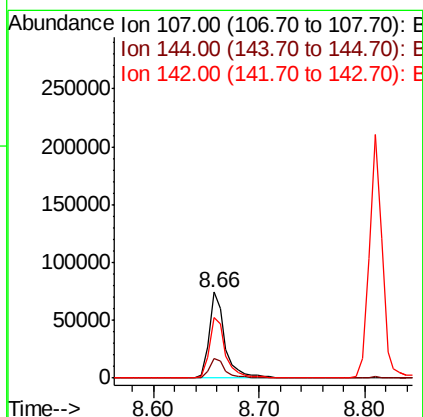
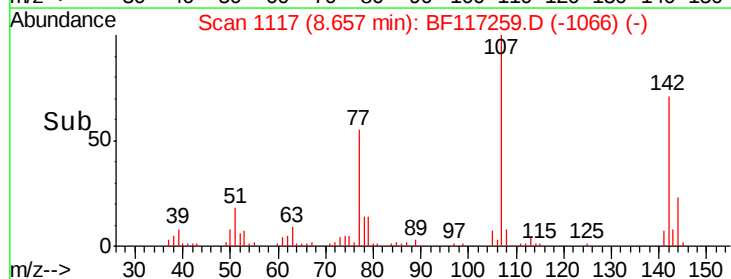
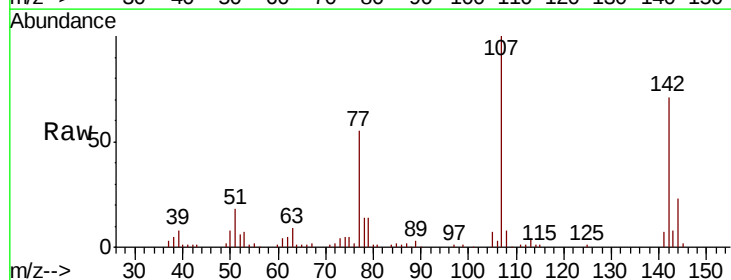
Instrument :
BNA_F
ClientSampled :

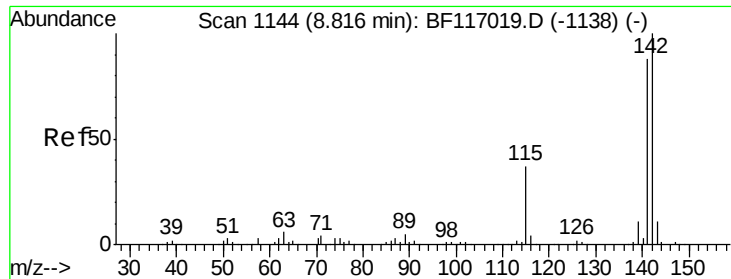
Tot Ion:113 Resp: 21882
Ion Ratio Lower Upper
113 100
55 120.4 120.6 160.6#
56 103.5 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 33.946 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:107 Resp: 78523
Ion Ratio Lower Upper
107 100
144 23.0 19.2 28.8
142 70.8 59.6 89.4

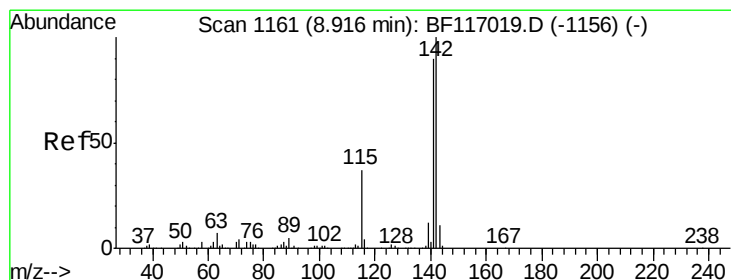
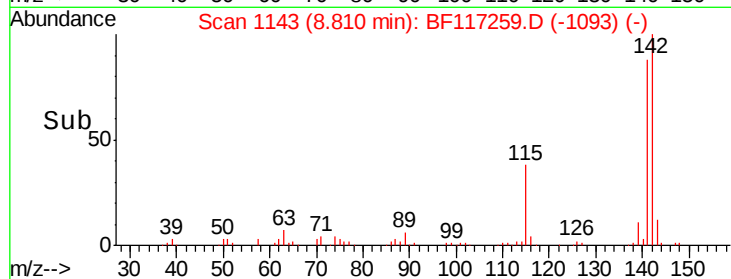
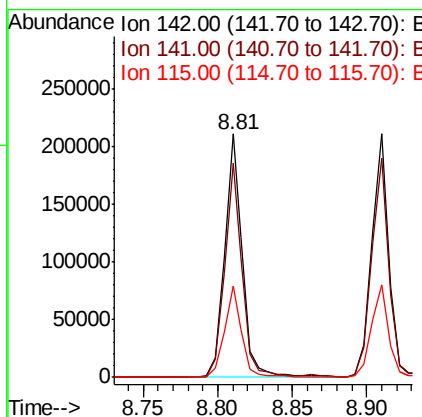
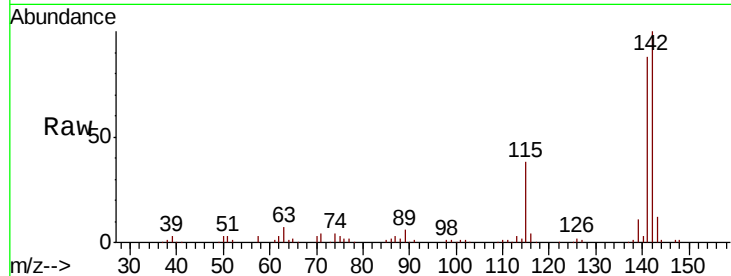




#37
2-Methylnaphthalene
Concen: 36.925 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

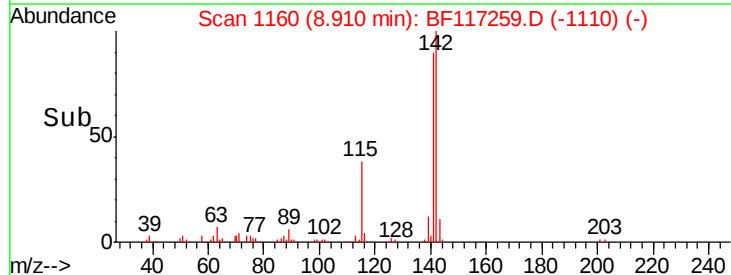
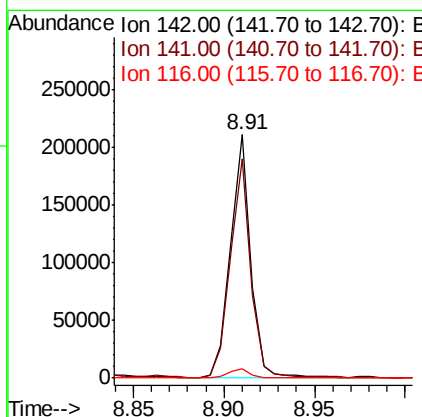
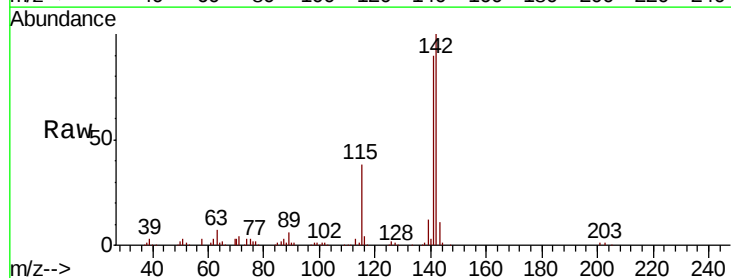
Instrument :
BNA_F
ClientSampleId :

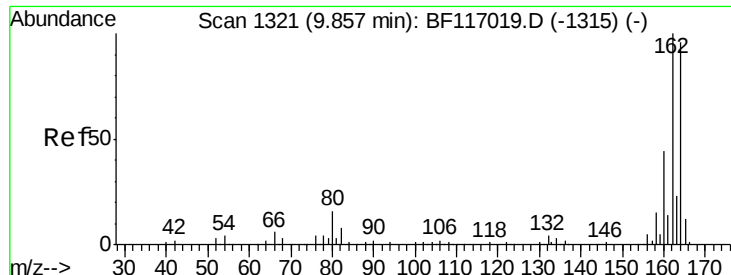
Tot Ion:142 Resp: 176854
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1
115 37.6 29.4 44.0



#38
1-Methylnaphthalene
Concen: 36.579 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:142 Resp: 164083
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
116 4.0 3.2 4.8

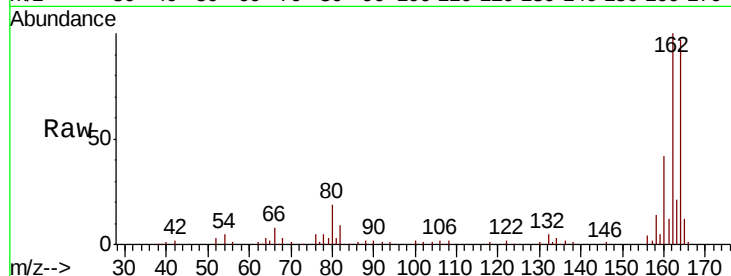




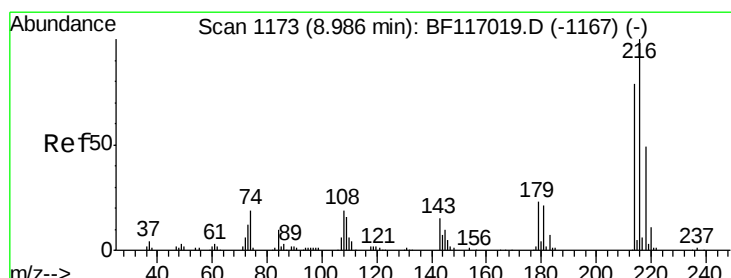
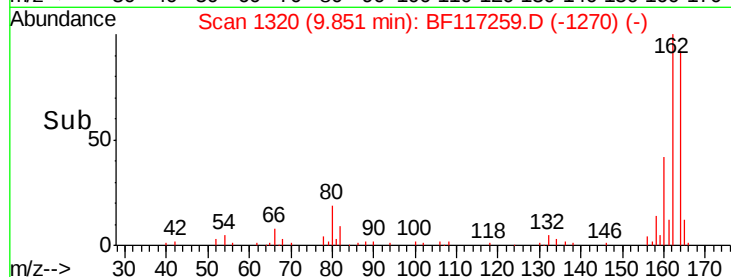
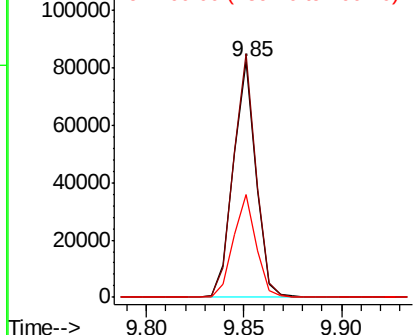
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 66717
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.2
160 43.7 36.4 54.6

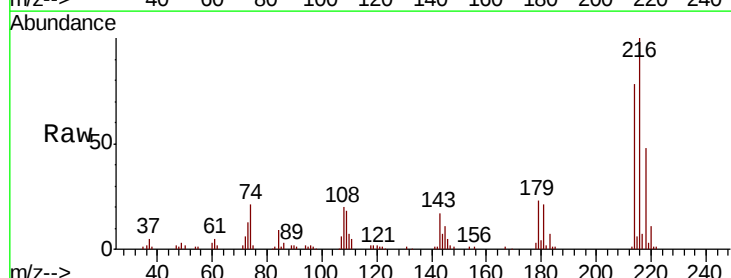


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

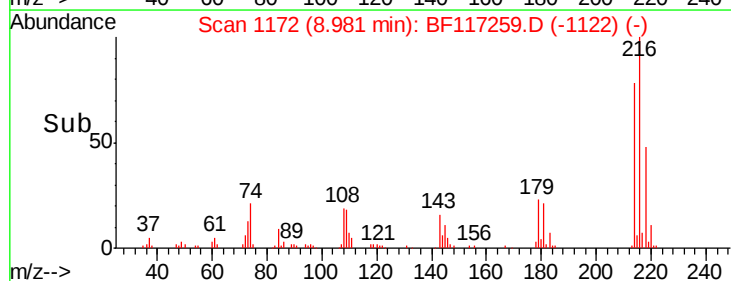
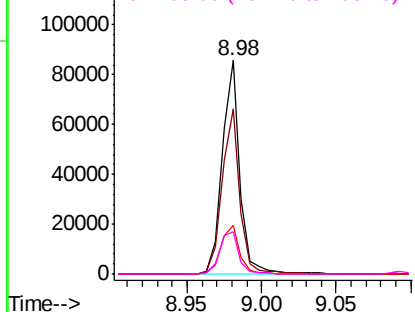


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.457 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:216 Resp: 71422
Ion Ratio Lower Upper
216 100
214 77.7 63.6 95.4
179 23.9 18.3 27.5
108 21.4 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: 11.796 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

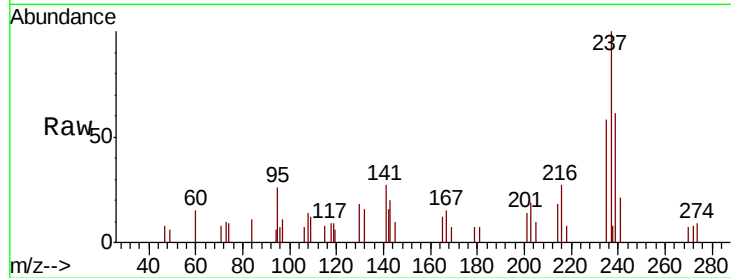
Tot Ion:237 Resp: 3334

Ion Ratio Lower Upper

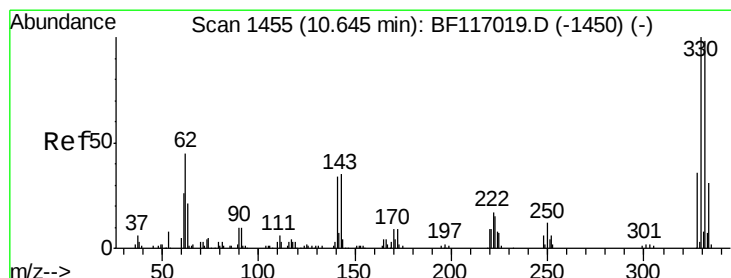
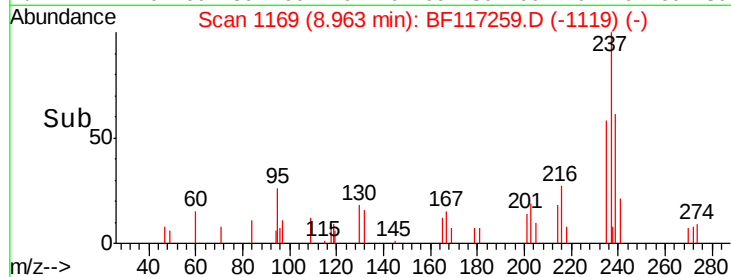
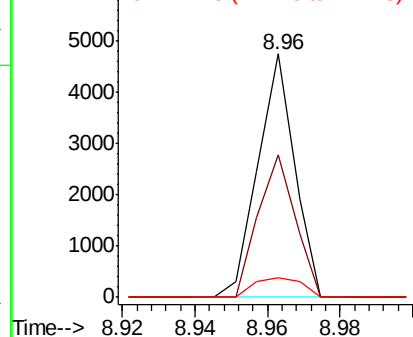
237 100

235 58.4 43.2 83.2

272 8.1 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: 70.640 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

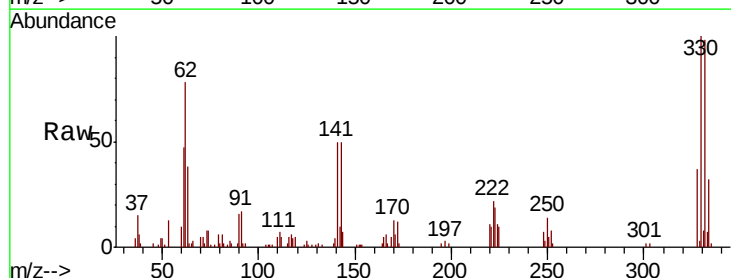
Tgt Ion:330 Resp: 39389

Ion Ratio Lower Upper

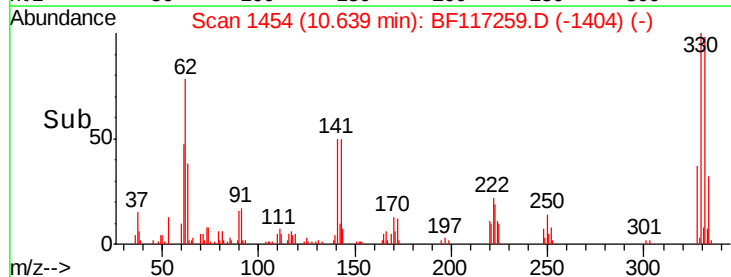
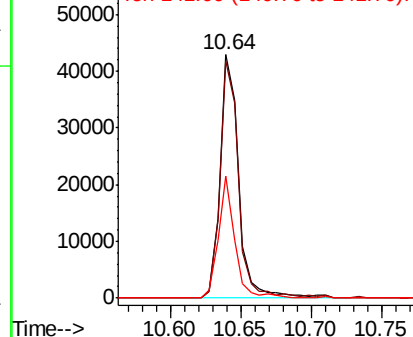
330 100

332 96.9 78.0 117.0

141 43.9 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

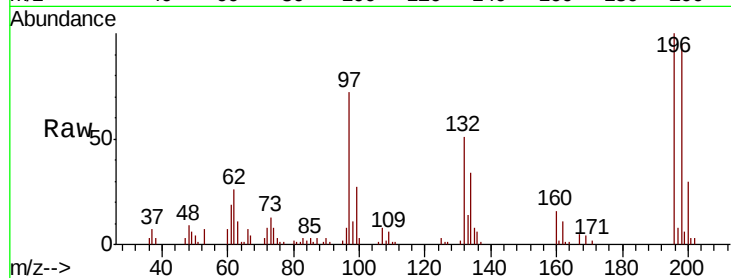




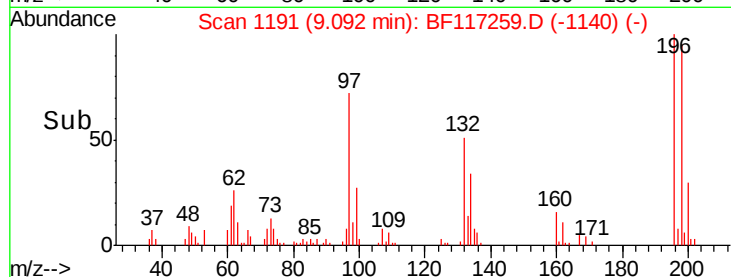
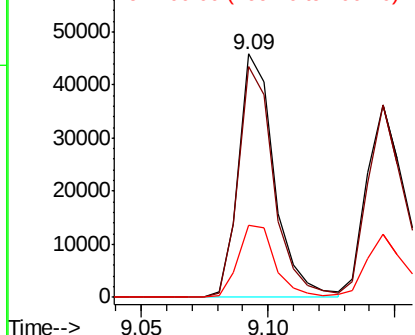
#43
 2,4,6-Trichlorophenol
 Concen: 38.785 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 45346
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 29.6 23.3 34.9

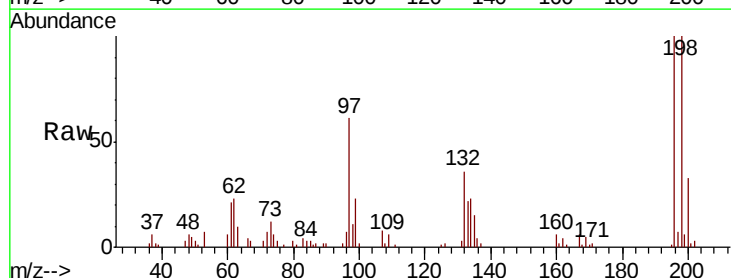


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

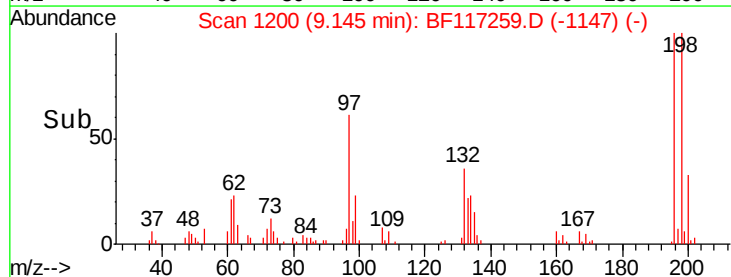
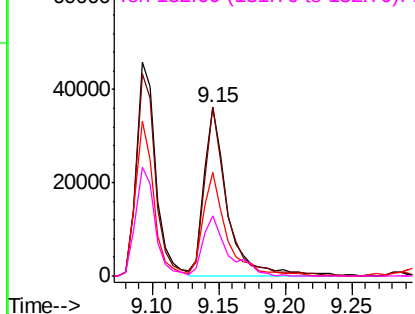


#44
 2,4,5-Trichlorophenol
 Concen: 35.426 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion:196 Resp: 44252
 Ion Ratio Lower Upper
 196 100
 198 100.1 74.6 112.0
 97 61.2 49.5 74.3
 132 35.9 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

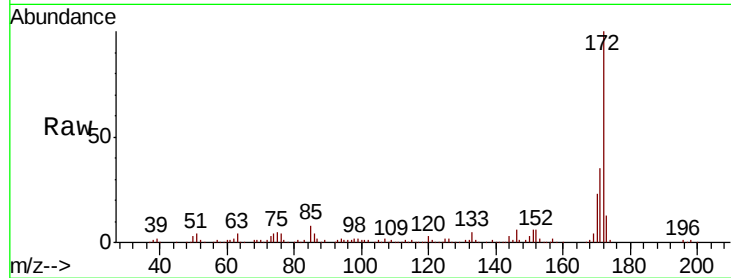




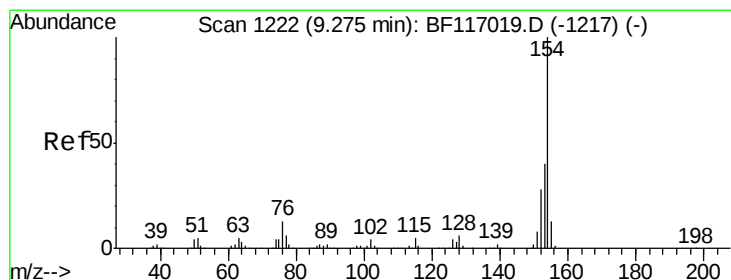
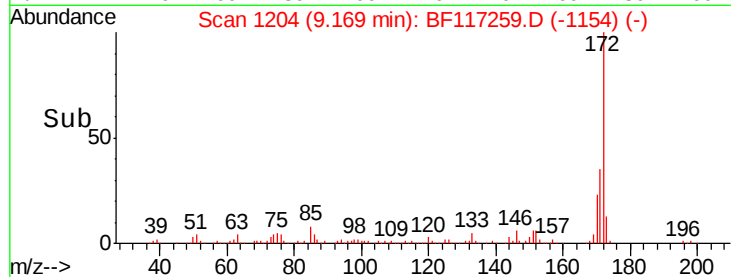
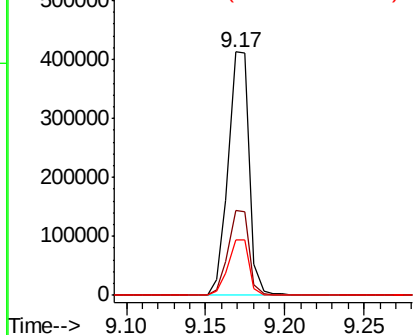
#45
2-Fluorobiphenyl
Concen: 89.733 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.5	18.9	28.3

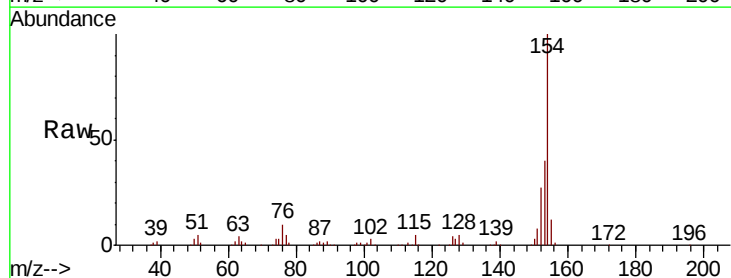


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

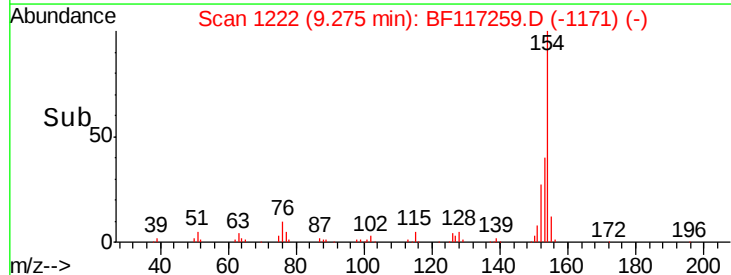
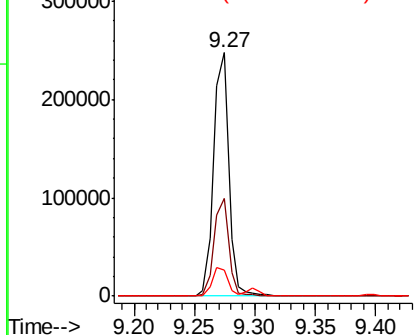


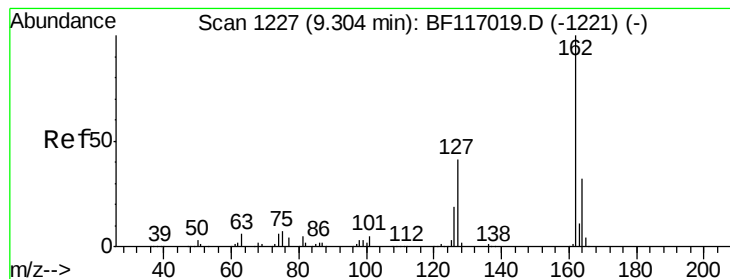
#46
1,1'-Biphenyl
Concen: 40.915 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.0	60.0
76	10.5	0.0	32.7



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





#47

2-Chloronaphthalene

Concen: 40.188 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

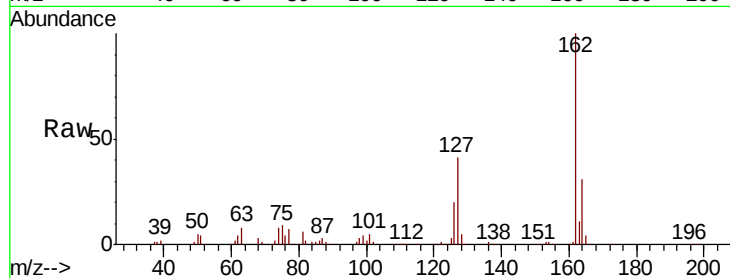
Tot Ion:162 Resp: 165985

Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

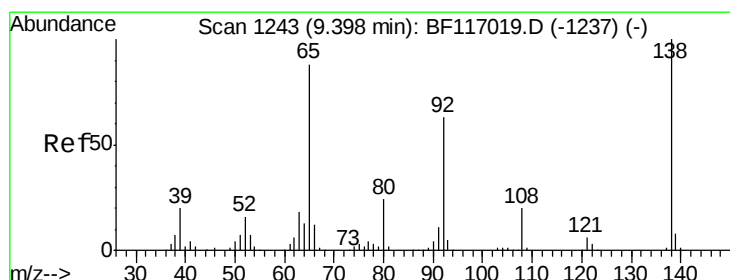
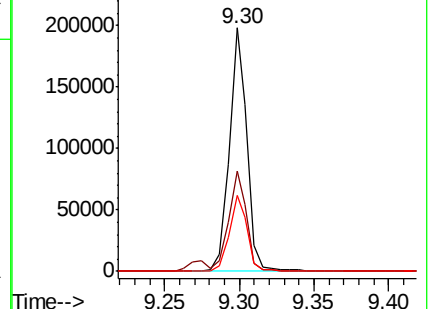
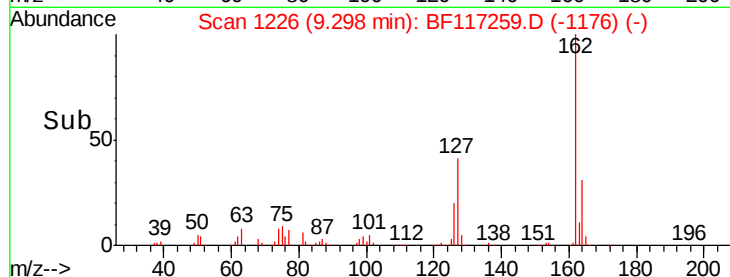
164 31.2 25.9 38.9



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: 39.141 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

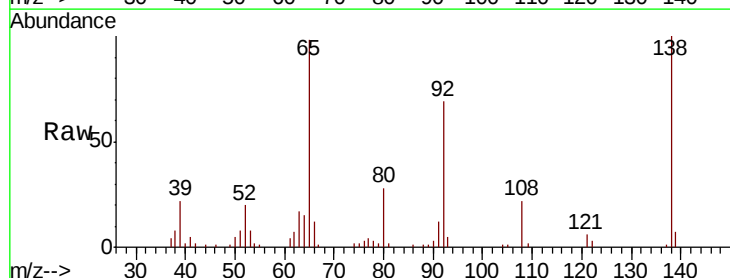
Tgt Ion: 65 Resp: 51852

Ion Ratio Lower Upper

65 100

92 70.0 57.5 86.3

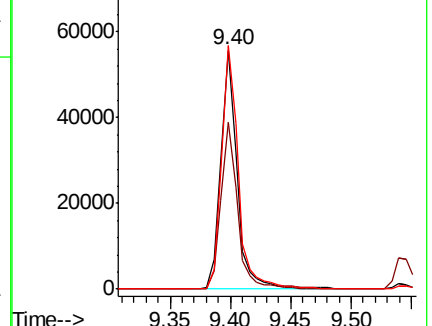
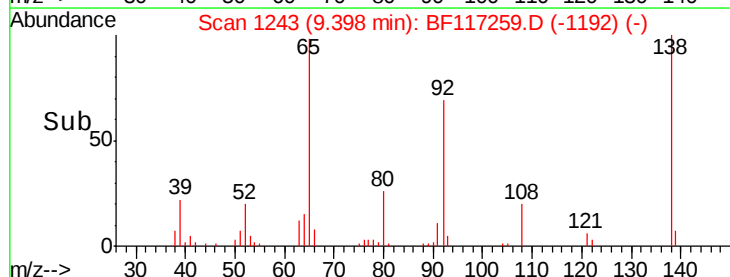
138 102.1 90.6 136.0

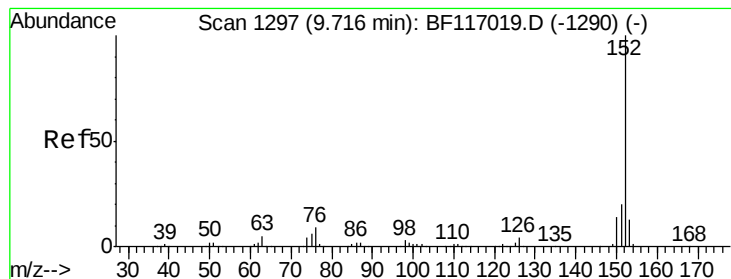


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.494 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

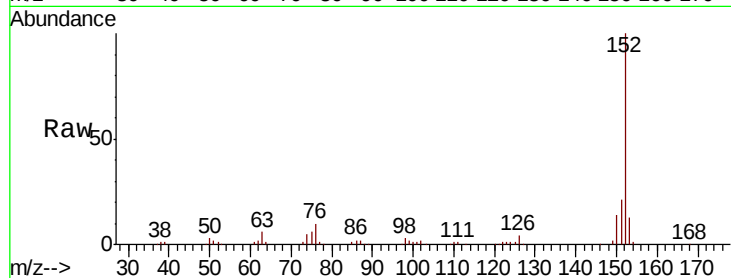
Tot Ion:152 Resp: 231985

Ion Ratio Lower Upper

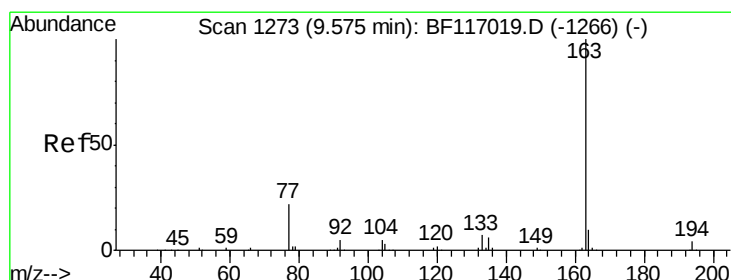
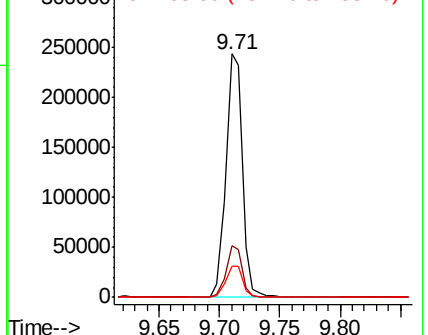
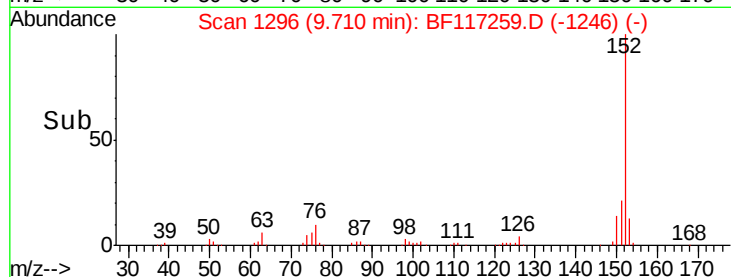
152 100

151 21.0 16.2 24.2

153 13.0 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: 39.172 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

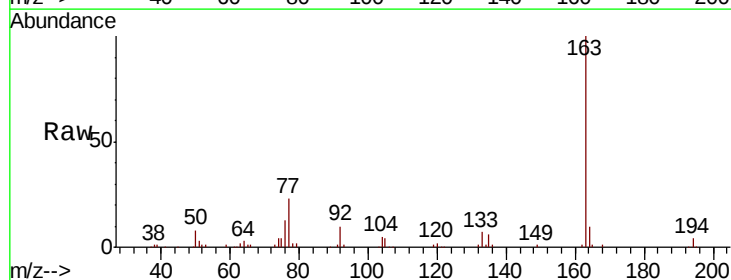
Tgt Ion:163 Resp: 185042

Ion Ratio Lower Upper

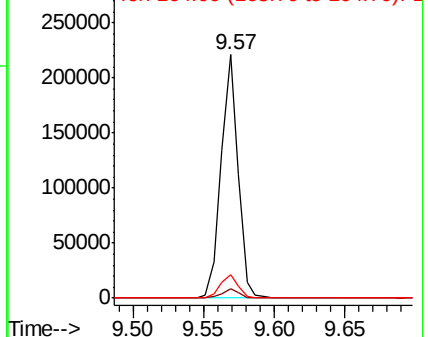
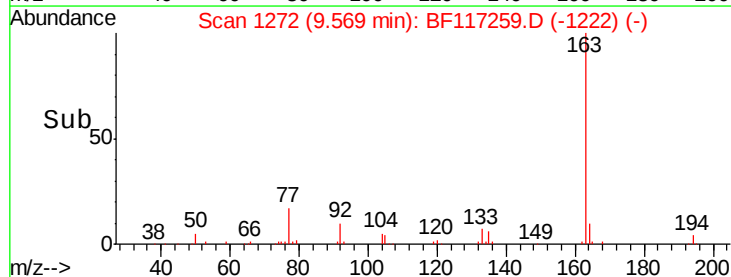
163 100

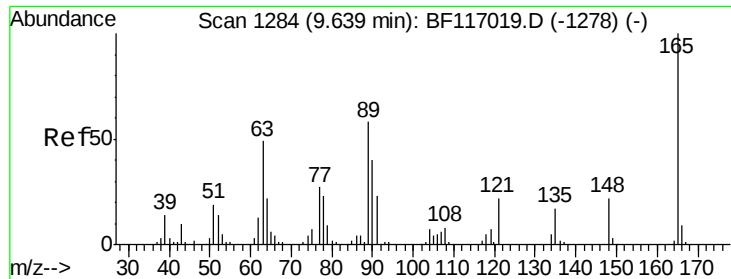
194 3.9 2.9 4.3

164 9.9 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

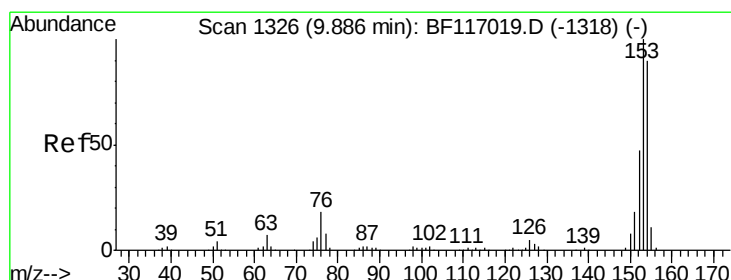
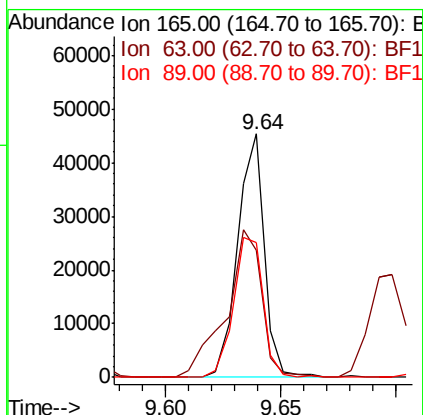
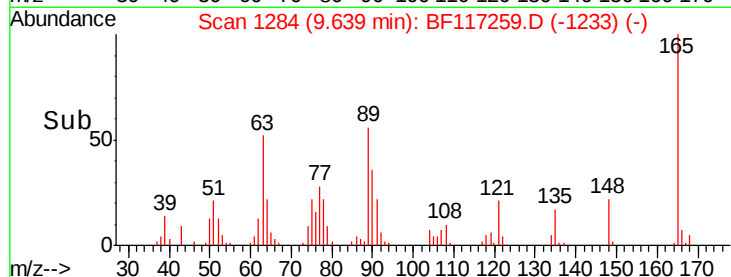
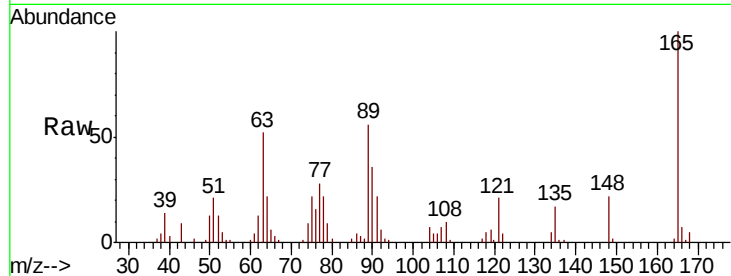




#51
2,6-Dinitrotoluene
Concen: 37.843 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

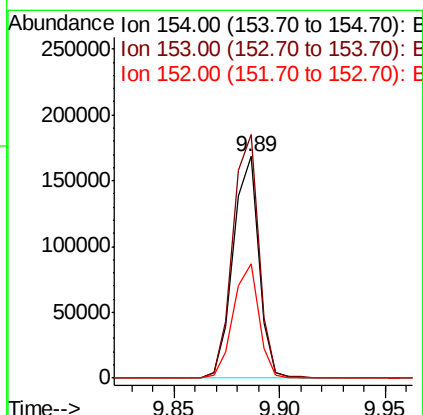
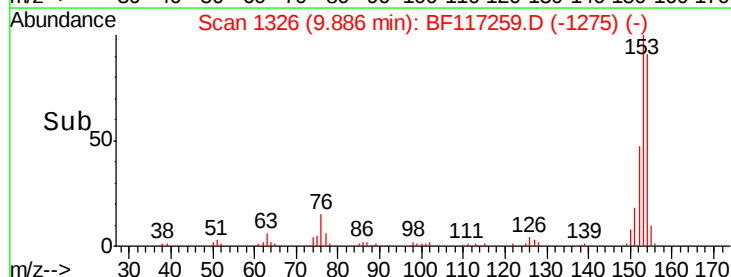
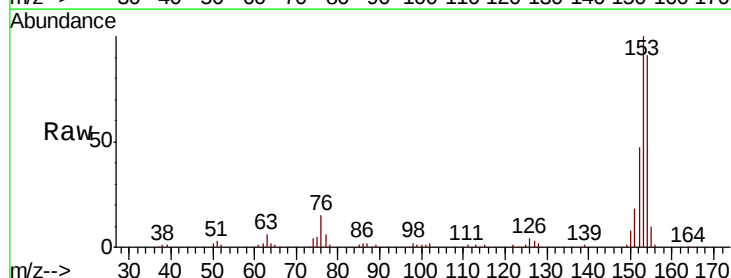
Instrument :
BNA_F
ClientSampled :

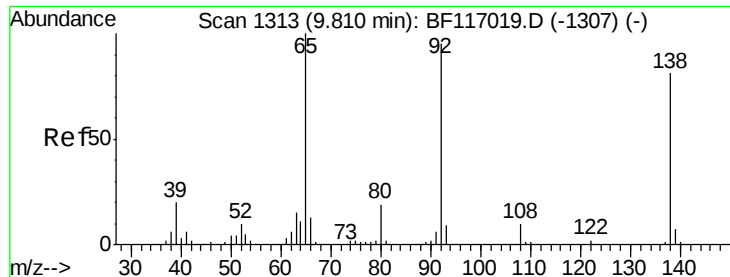
Tot Ion:165 Resp: 36409
Ion Ratio Lower Upper
165 100
63 52.4 41.8 62.8
89 55.6 46.5 69.7



#52
Acenaphthene
Concen: 38.412 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:154 Resp: 140882
Ion Ratio Lower Upper
154 100
153 110.0 89.0 133.6
152 51.7 41.9 62.9

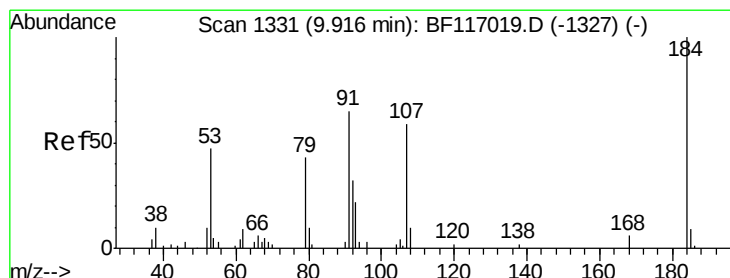
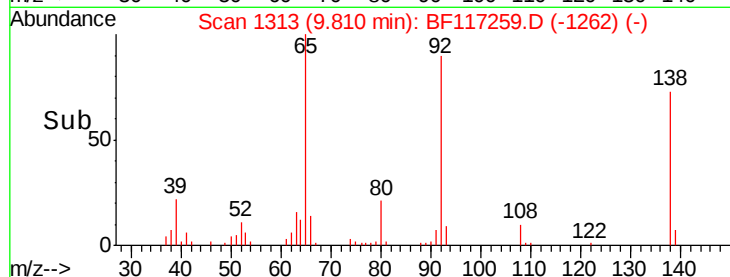
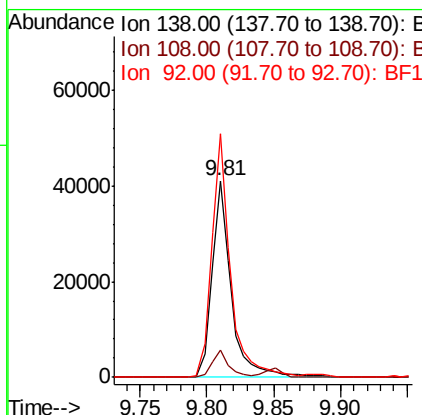
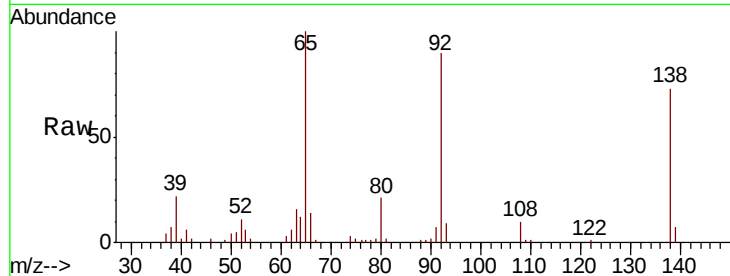




#53
 3-Nitroaniline
 Concen: 34.265 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

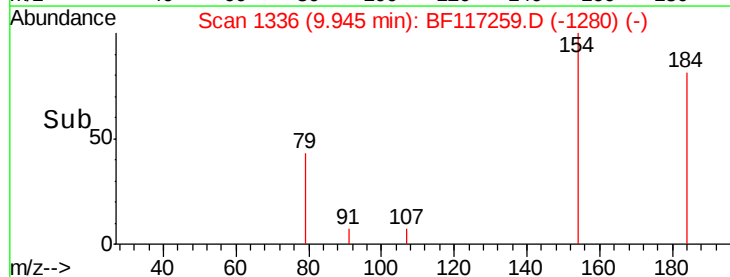
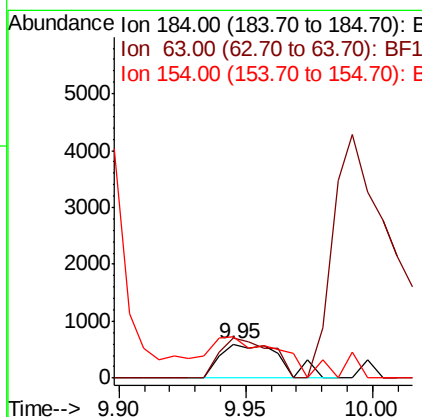
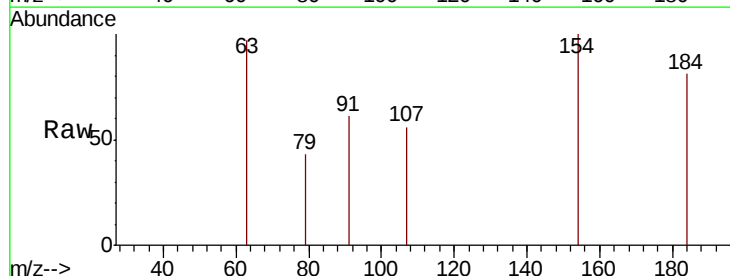
Instrument :
 BNA_F
 ClientSampleId :

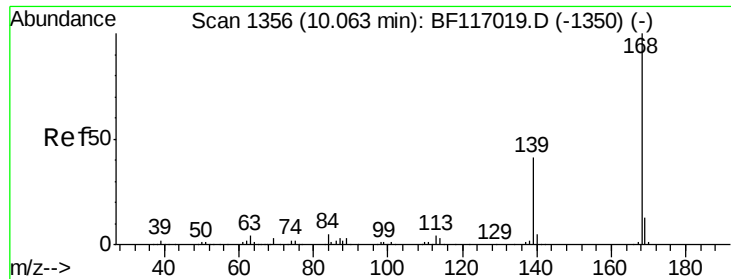
Tot Ion:138 Resp: 41594
 Ion Ratio Lower Upper
 138 100
 108 13.6 9.5 14.3
 92 123.9 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 11.287 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.03 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion:184 Resp: 995
 Ion Ratio Lower Upper
 184 100
 63 119.6 63.8 95.6#
 154 123.8 60.4 90.6#





#55

Dibenzofuran

Concen: 37.058 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

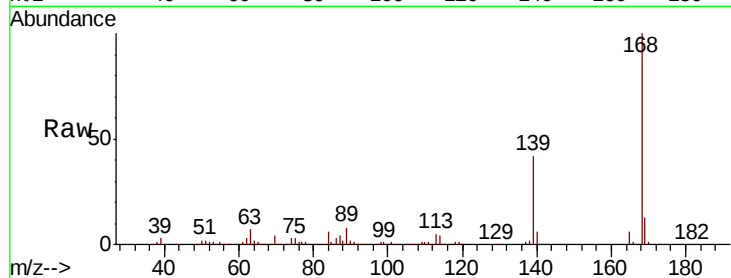
Tot Ion:168 Resp: 200536

Ion Ratio Lower Upper

168 100

139 42.4 32.8 49.2

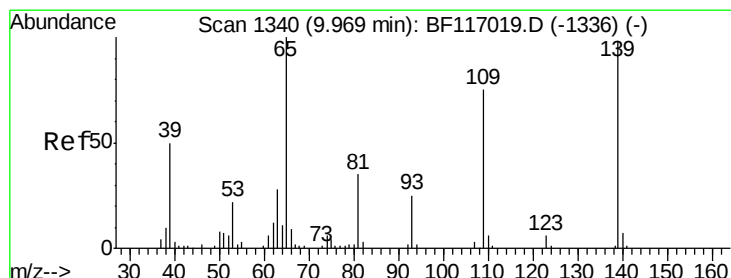
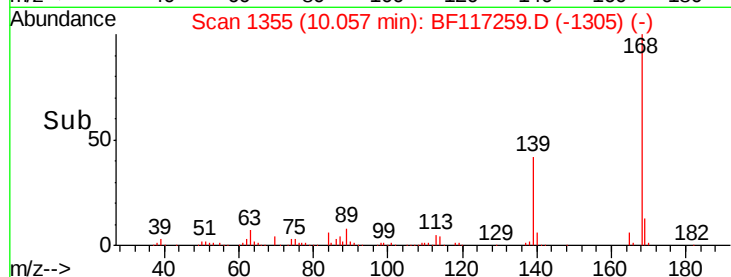
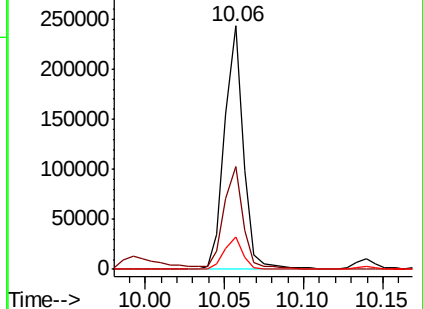
169 13.1 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 28.565 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.02 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

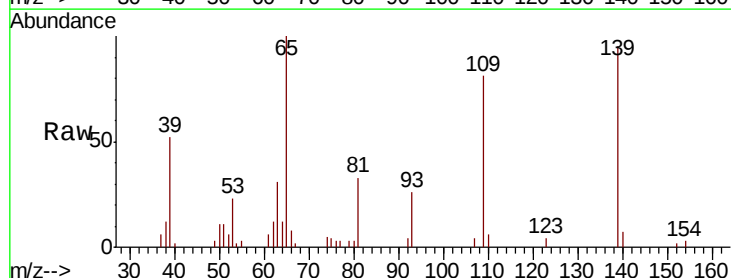
Tgt Ion:139 Resp: 22473

Ion Ratio Lower Upper

139 100

109 86.0 56.4 96.4

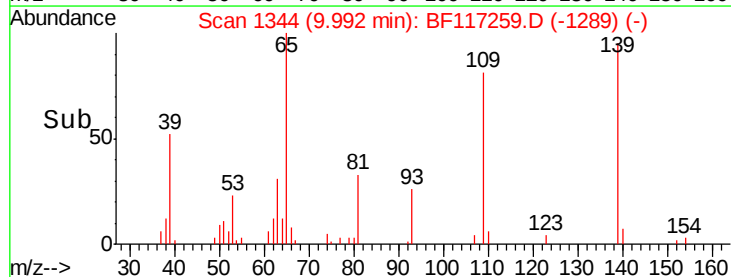
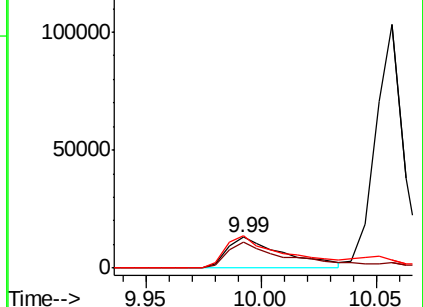
65 105.8 82.5 122.5

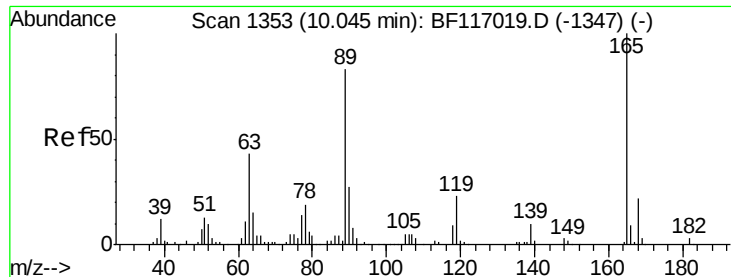


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

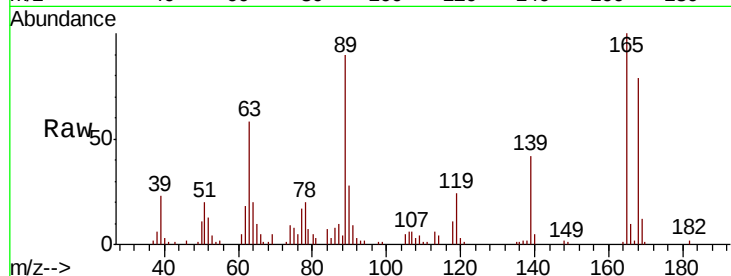




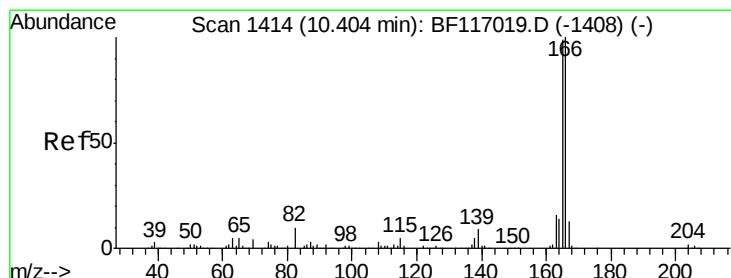
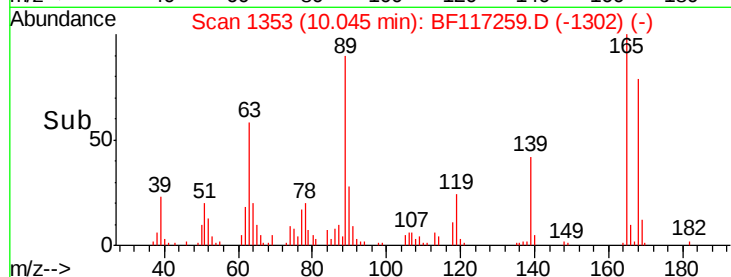
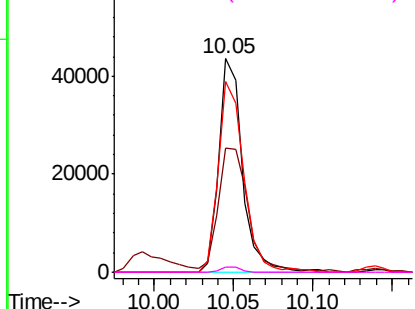
#57
2,4-Dinitrotoluene
Concen: 36.036 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 45004
Ion Ratio Lower Upper
165 100
63 58.4 35.0 52.4#
89 89.6 66.1 99.1
182 2.4 2.0 3.0

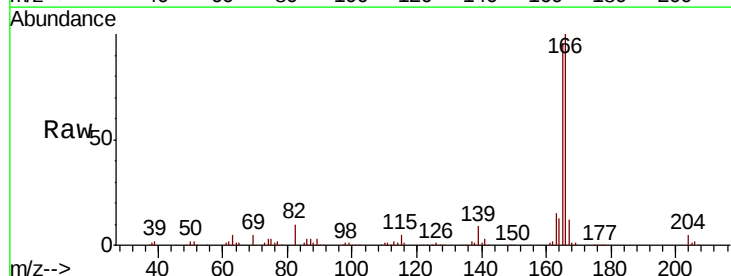


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

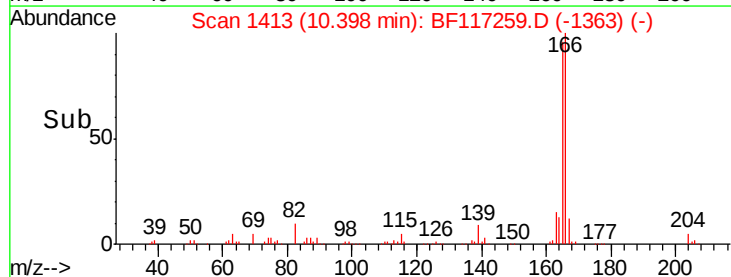
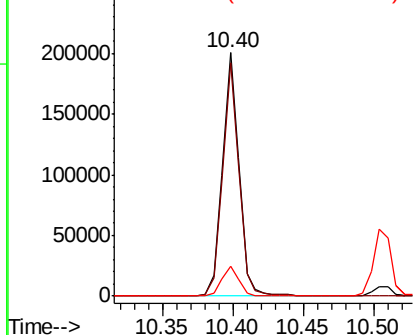


#58
Fluorene
Concen: 37.666 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:166 Resp: 164189
Ion Ratio Lower Upper
166 100
165 96.0 78.9 118.3
167 12.2 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

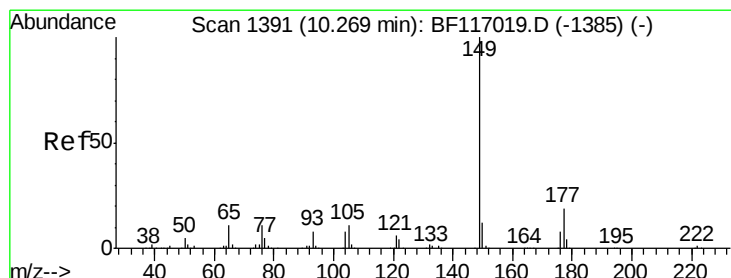
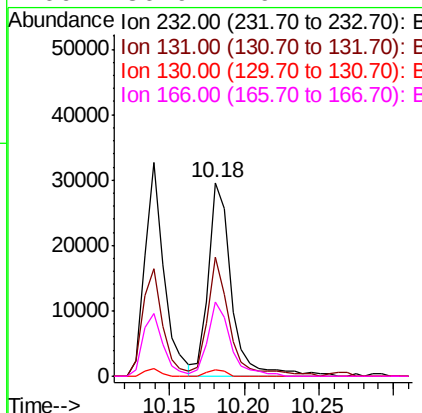
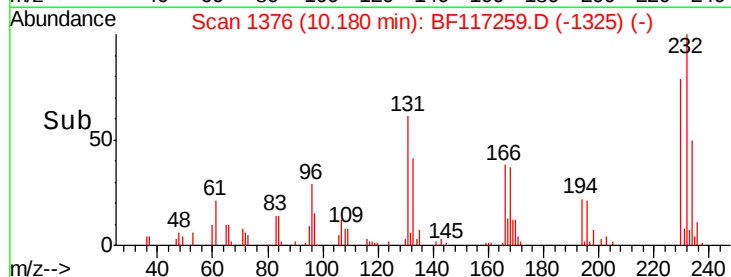
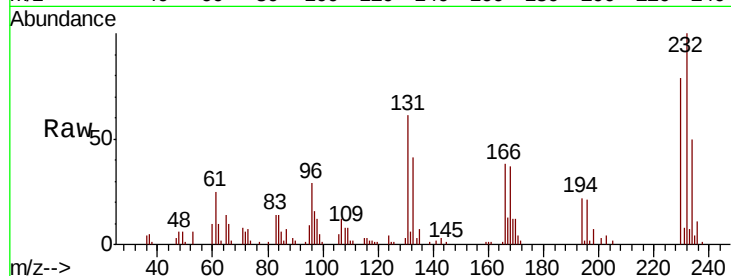




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.627 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

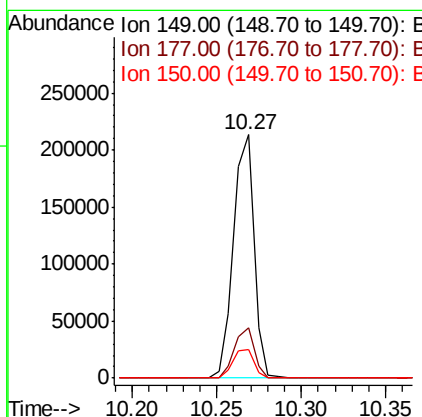
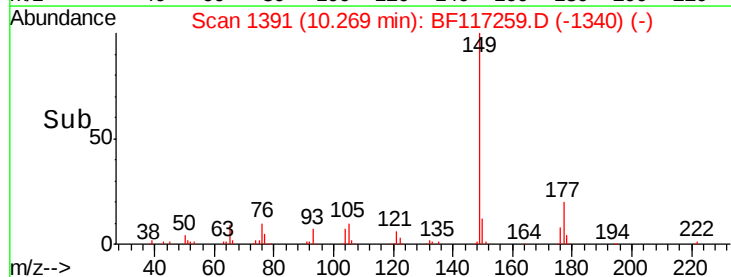
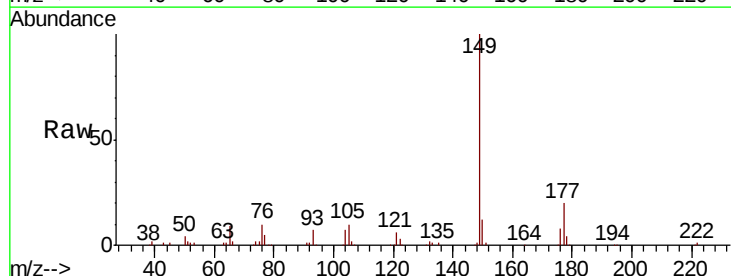
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	58.2	45.3	67.9
130	2.6	1.8	2.8
166	36.9	29.4	44.2



#60
 Diethylphthalate
 Concen: 38.906 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	15.2	22.8
150	12.0	9.9	14.9

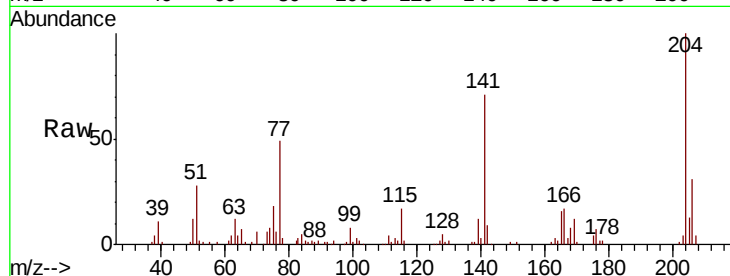




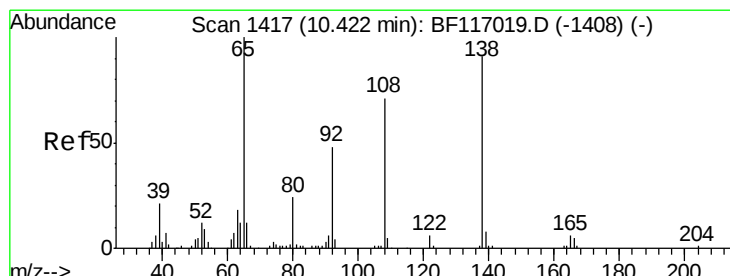
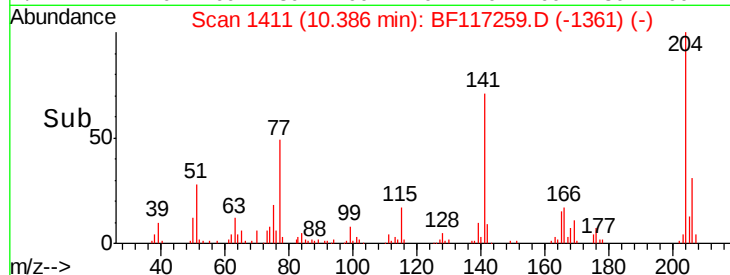
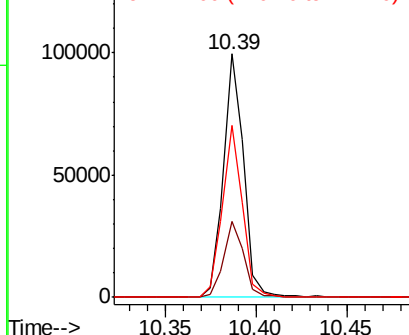
#61
4-Chlorophenyl-phenylether
Concen: 40.997 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 77321
Ion Ratio Lower Upper
204 100
206 31.0 26.0 39.0
141 70.6 58.2 87.2

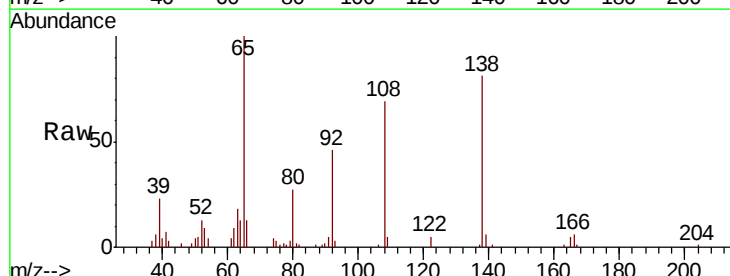


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

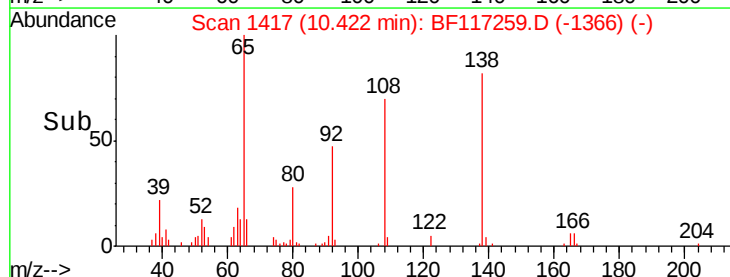
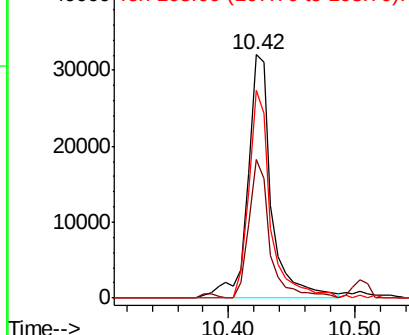


#62
4-Nitroaniline
Concen: 33.254 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:138 Resp: 41979
Ion Ratio Lower Upper
138 100
92 57.1 32.9 72.9
108 85.1 58.3 98.3



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

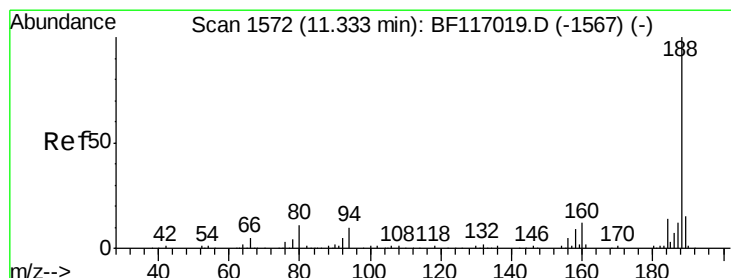
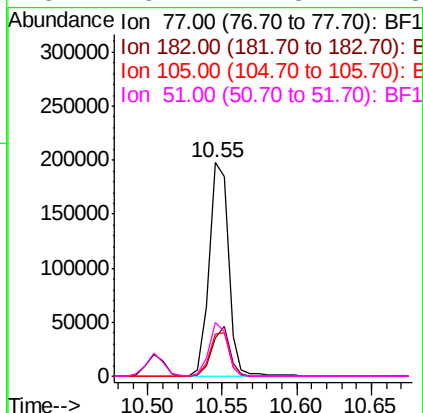
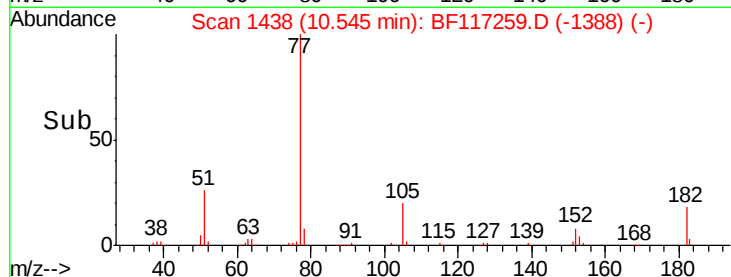
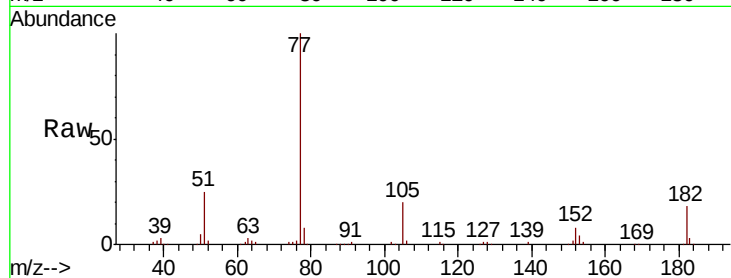




#63
Azobenzene
Concen: 37.137 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

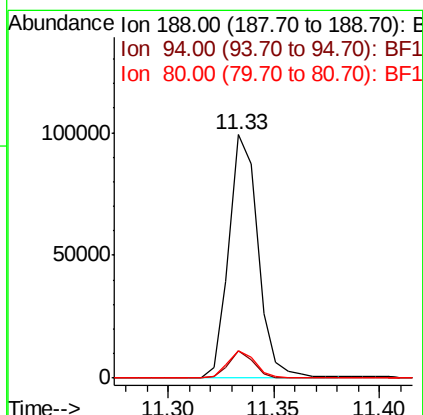
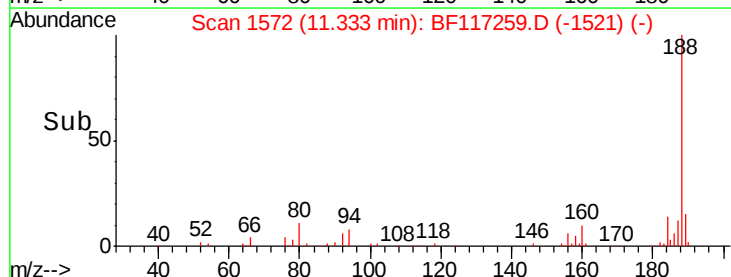
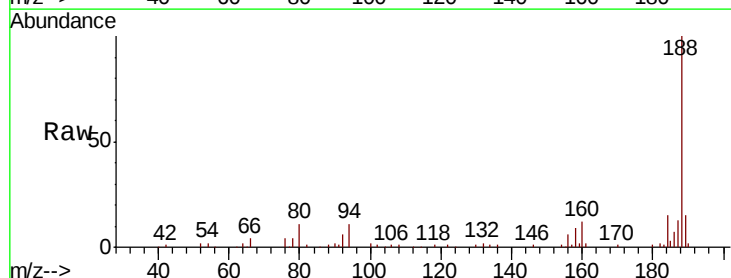
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	18.1	0.4	40.4
105	20.1	0.9	40.9
51	25.4	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.2
80	11.5	9.0	13.6

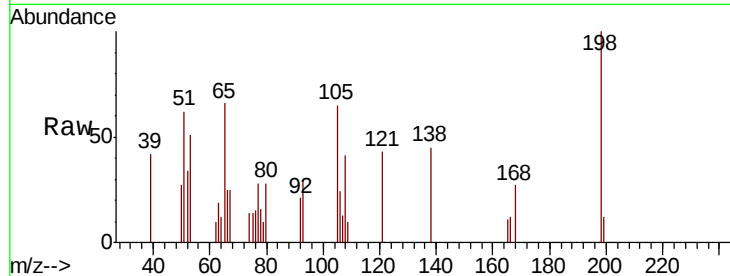




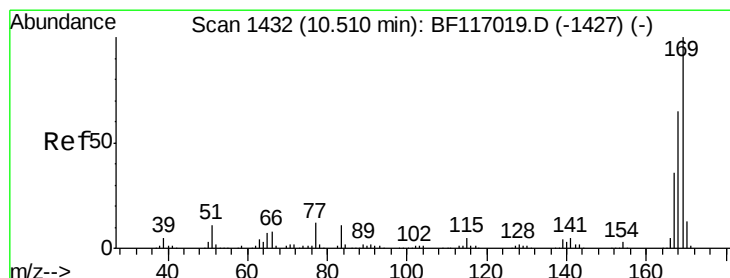
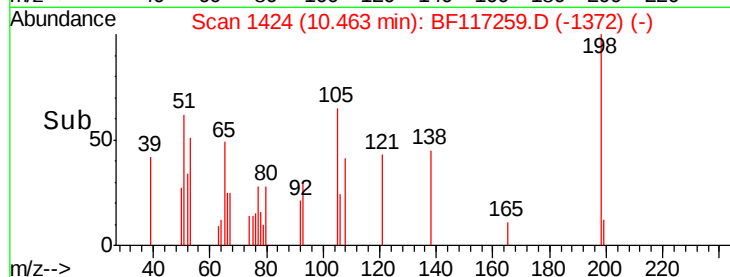
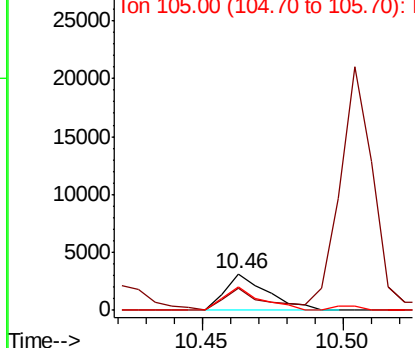
#65
4,6-Dinitro-2-methylphenol
Concen: 13.330 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 3251
Ion Ratio Lower Upper
198 100
51 62.2 18.7 58.7#
105 64.8 30.2 70.2

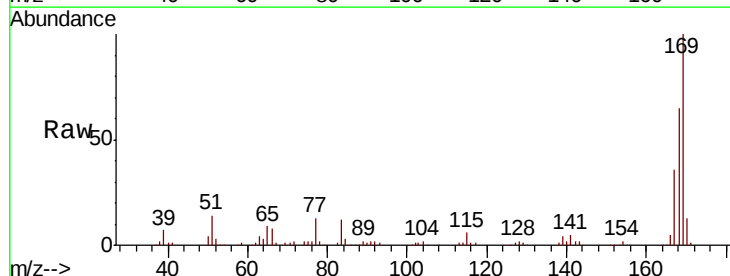


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

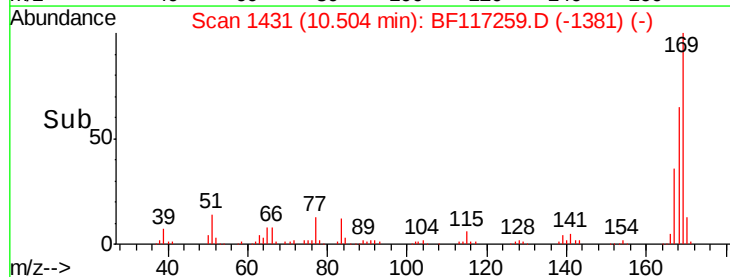
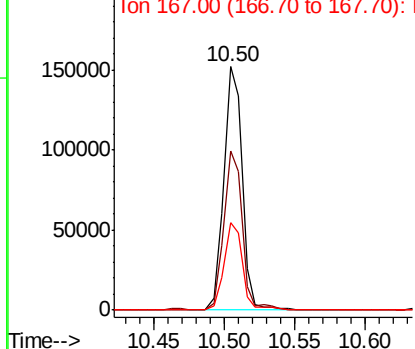


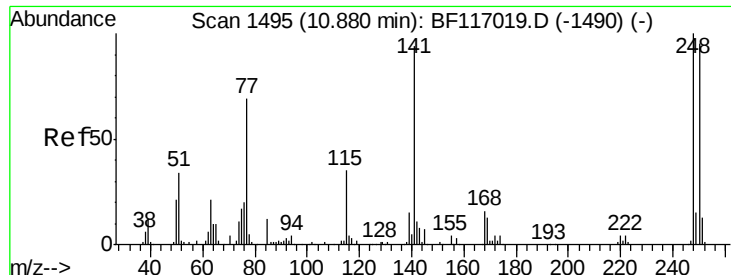
#66
n-Nitrosodiphenylamine
Concen: 42.008 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:169 Resp: 137874
Ion Ratio Lower Upper
169 100
168 65.1 52.2 78.2
167 36.2 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

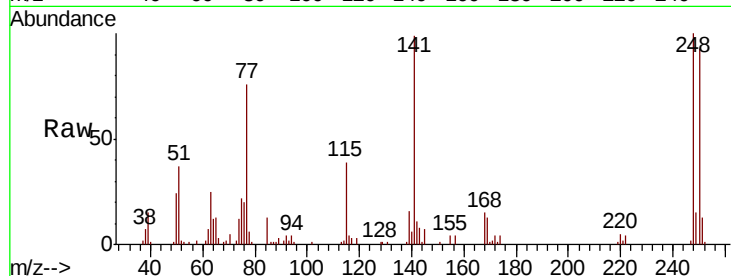




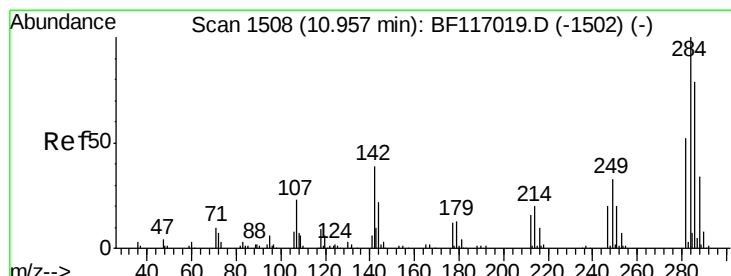
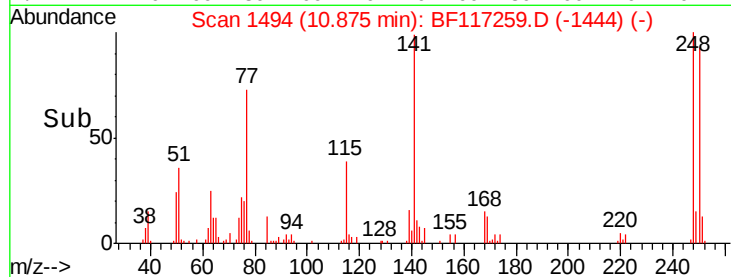
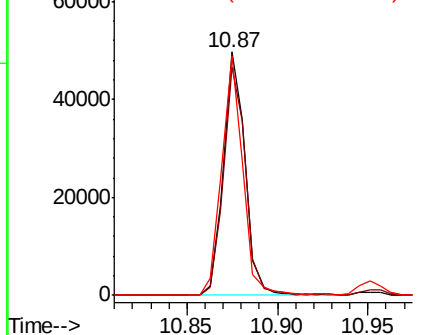
#67
 4-Bromophenyl-phenylether
 Concen: 42.324 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 41077
 Ion Ratio Lower Upper
 248 100
 250 93.5 76.2 114.4
 141 98.7 75.0 112.4

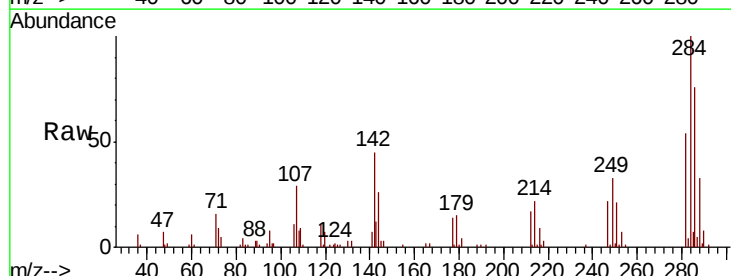


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

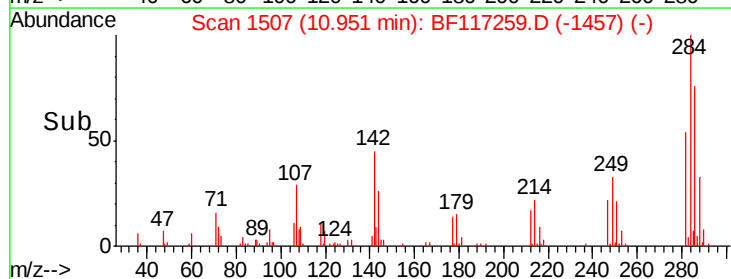
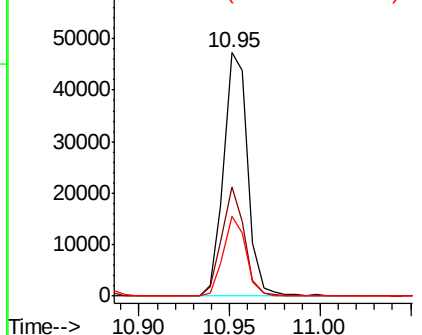


#68
 Hexachlorobenzene
 Concen: 41.190 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion:284 Resp: 43725
 Ion Ratio Lower Upper
 284 100
 142 45.1 31.4 47.2
 249 32.9 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

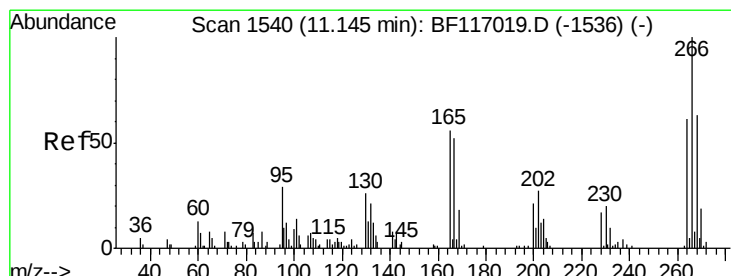
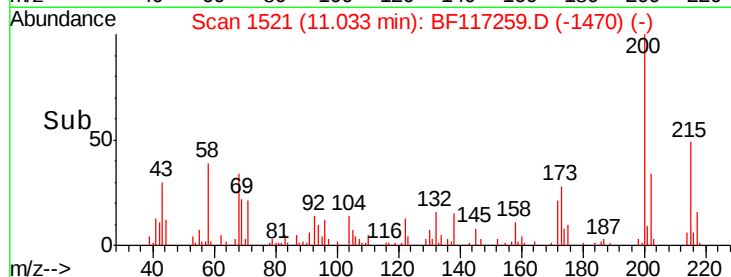
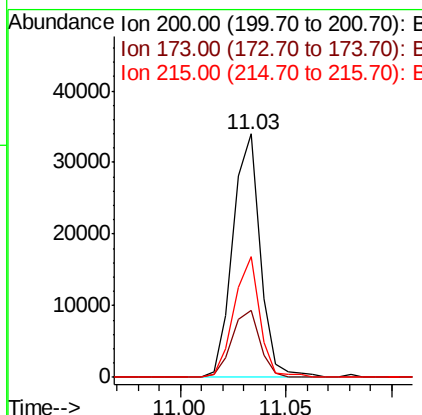
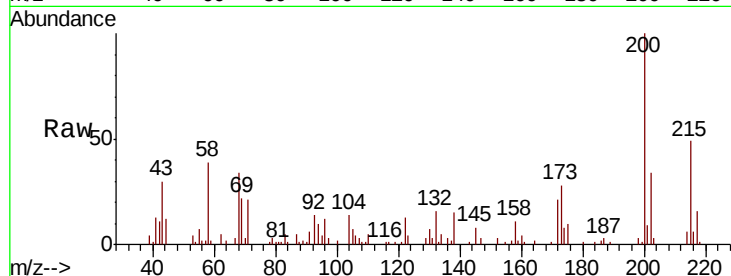




#69
 Atrazine
 Concen: 35.174 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

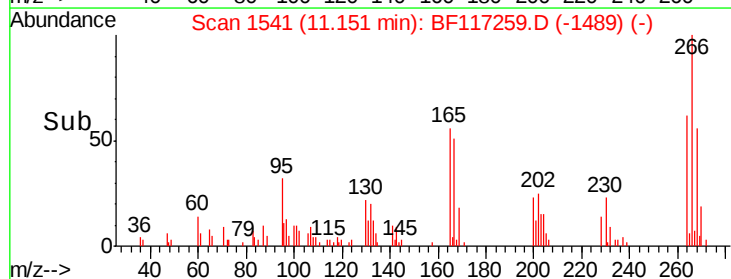
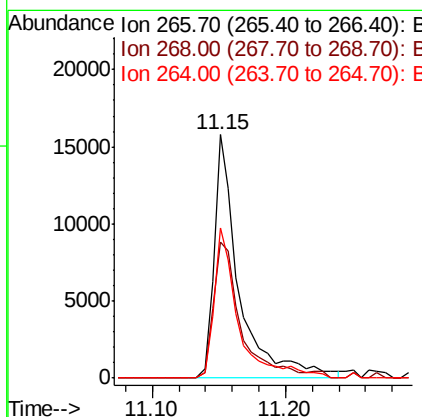
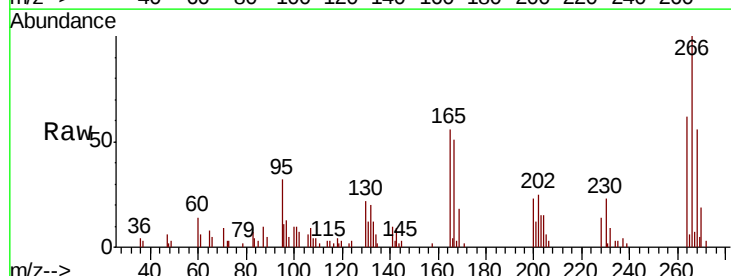
Instrument :
 BNA_F
 ClientSampleId :

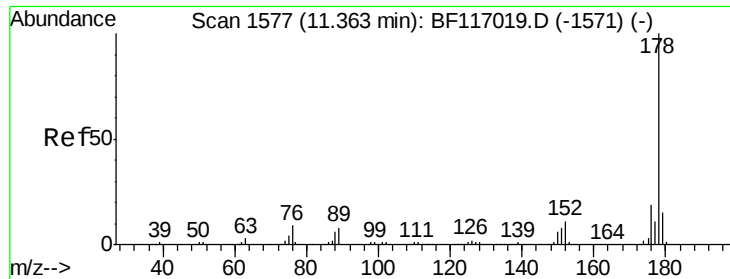
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.9	46.9
215	49.4	23.8	63.8



#70
 Pentachlorophenol
 Concen: 41.659 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	55.9	50.5	75.7
264	61.8	48.8	73.2





#71

Phenanthrene

Concen: 39.243 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

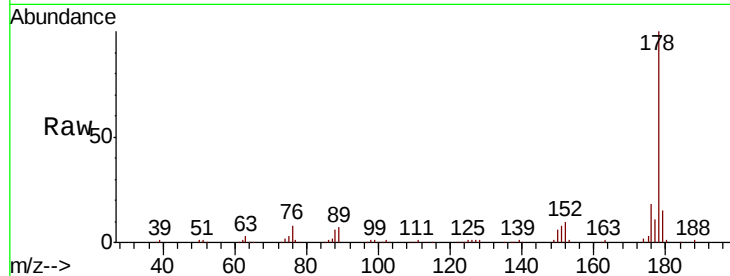
Tot Ion:178 Resp: 211833

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

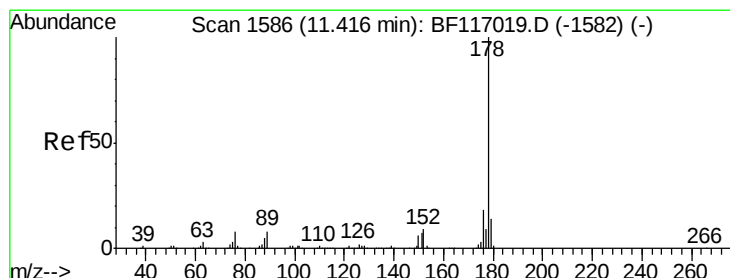
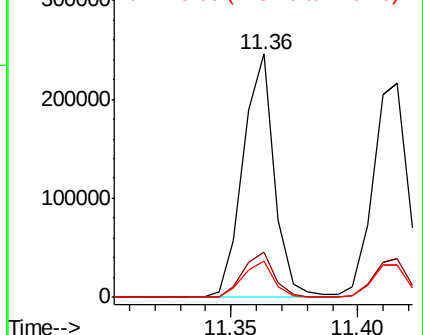
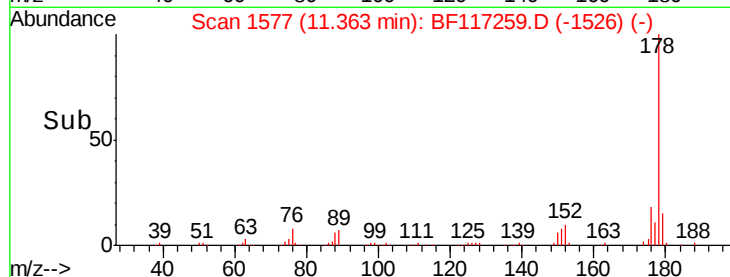
179 15.1 12.4 18.6



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: 39.959 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

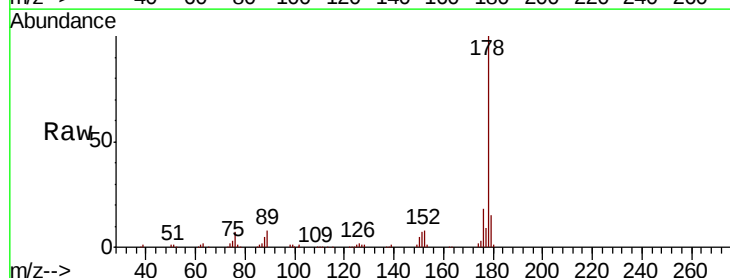
Tgt Ion:178 Resp: 220211

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

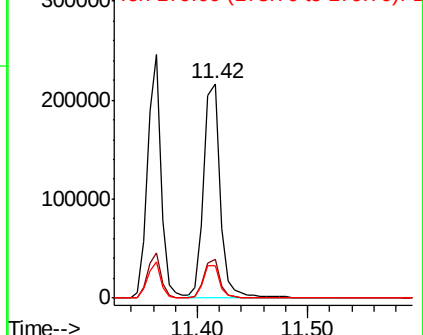
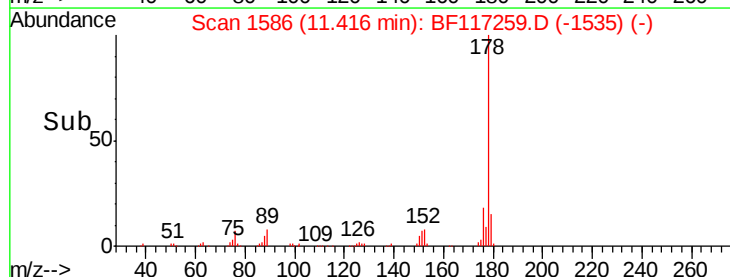
179 15.2 11.6 17.4



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

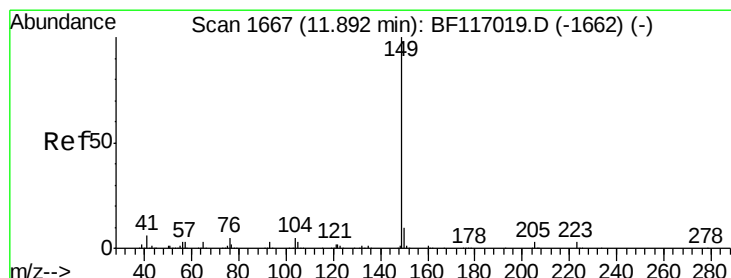
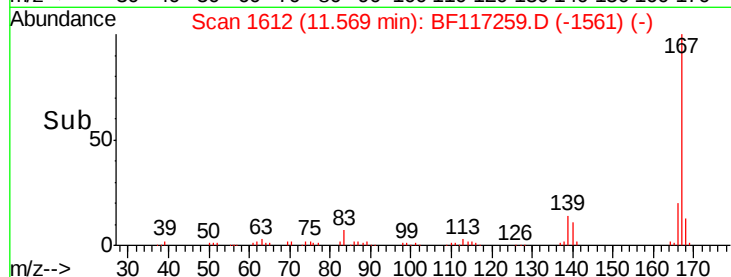
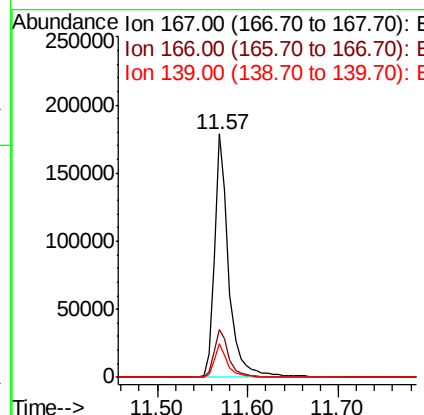
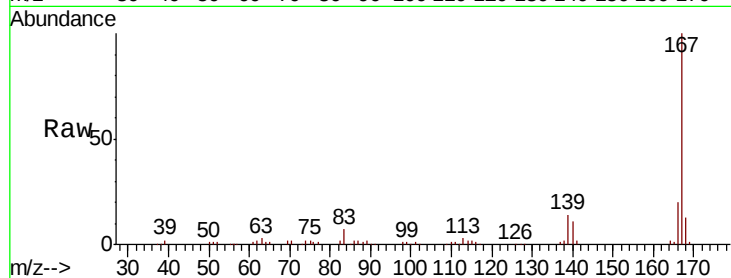




#73
 Carbazole
 Concen: 37.771 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

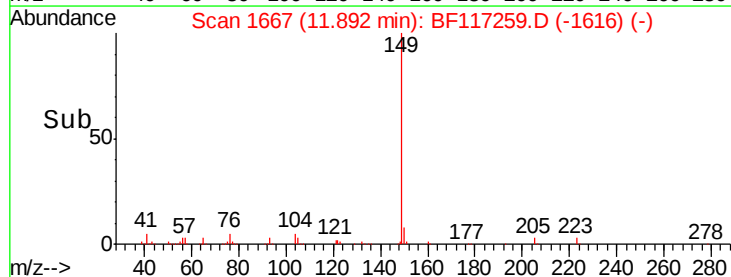
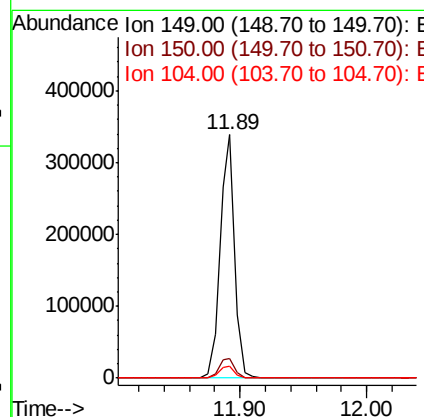
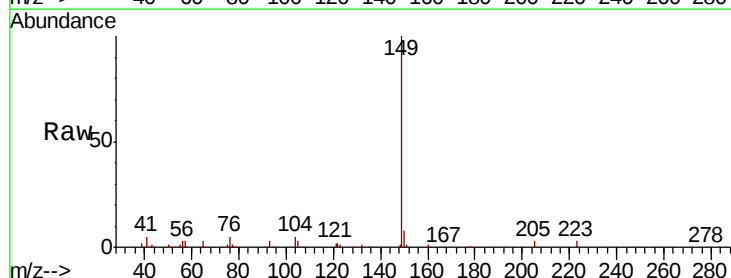
Instrument :
 BNA_F
 ClientSampleId :

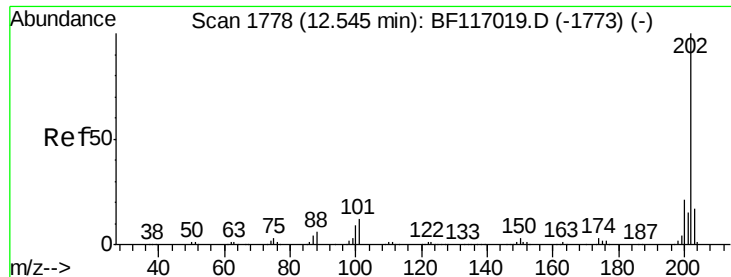
Tot Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.2	25.8
139	14.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 43.975 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.1	7.7	11.5
104	5.1	4.2	6.4

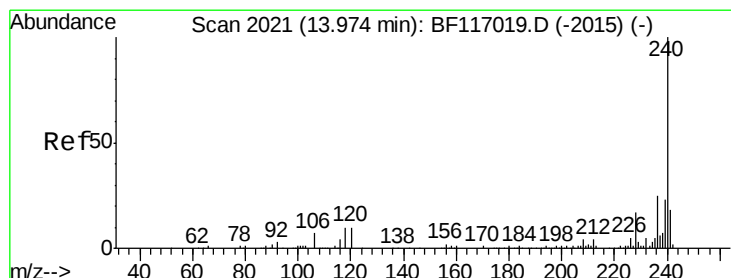
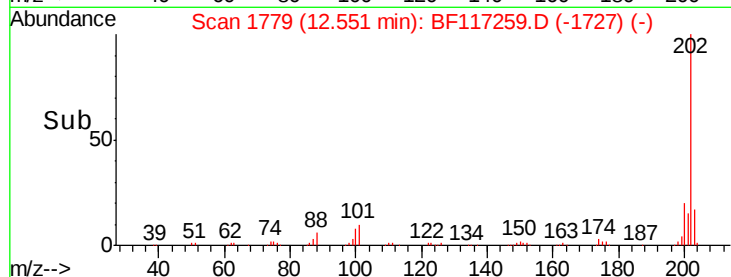
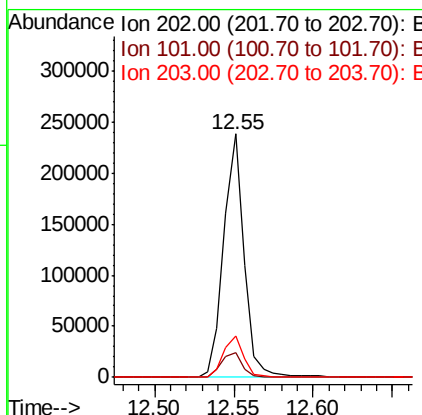
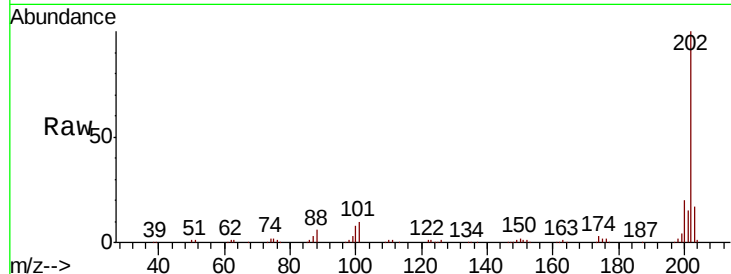




#75
 Fluoranthene
 Concen: 38.507 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

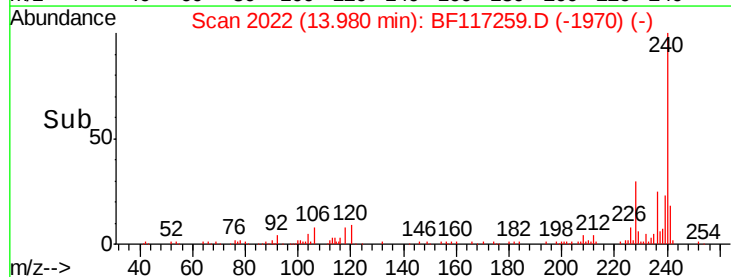
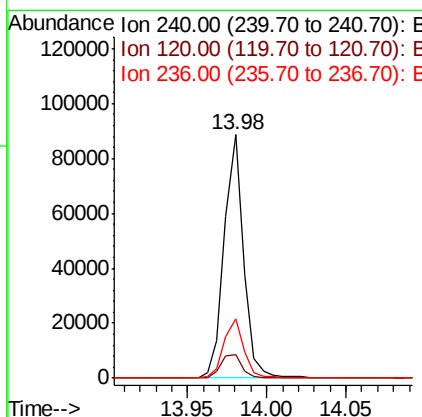
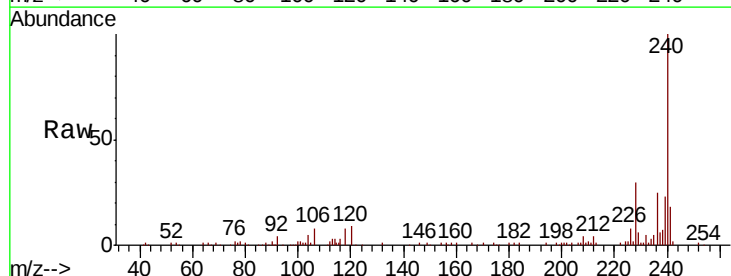
Instrument :
 BNA_F
 ClientSampleId :

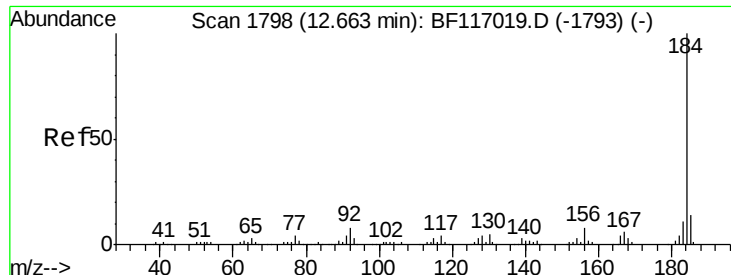
Tot Ion:202 Resp: 213572
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 32.3
 203 17.2 0.0 37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117259.D
 Acq: 26 Sep 2019 00:44

Tgt Ion:240 Resp: 75262
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.3 12.5
 236 24.6 20.3 30.5





#77

Benzidine

Concen: 31.569 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

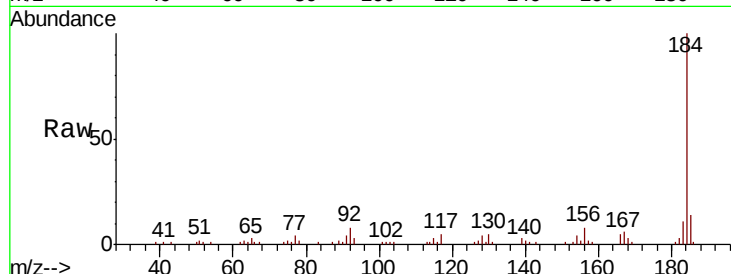
Tot Ion:184 Resp: 76535

Ion Ratio Lower Upper

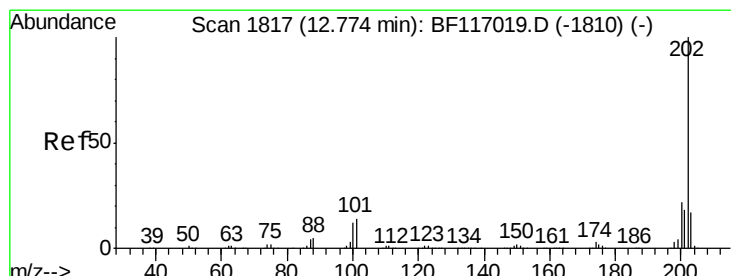
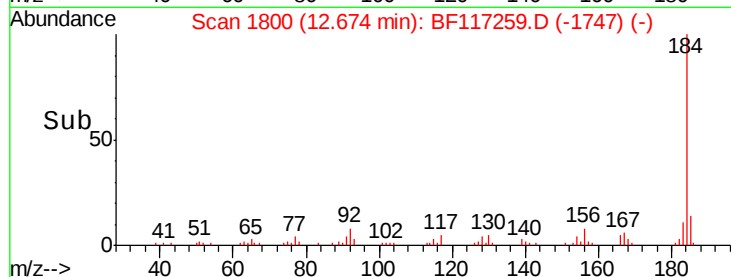
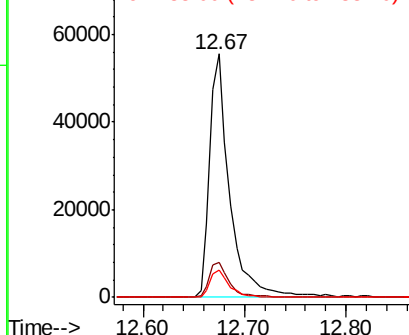
184 100

185 14.2 11.6 17.4

183 11.2 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: 34.659 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

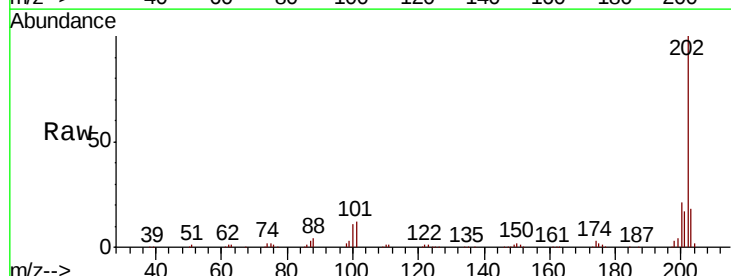
Tgt Ion:202 Resp: 218870

Ion Ratio Lower Upper

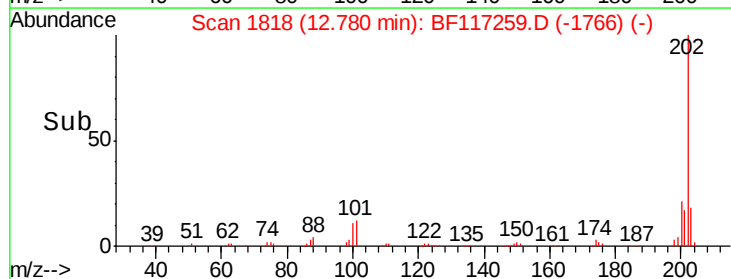
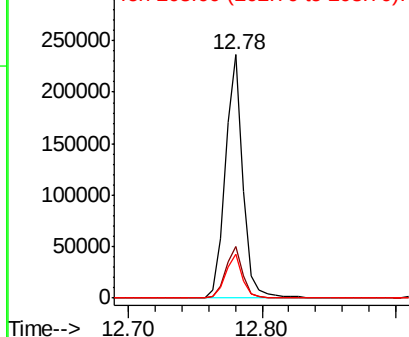
202 100

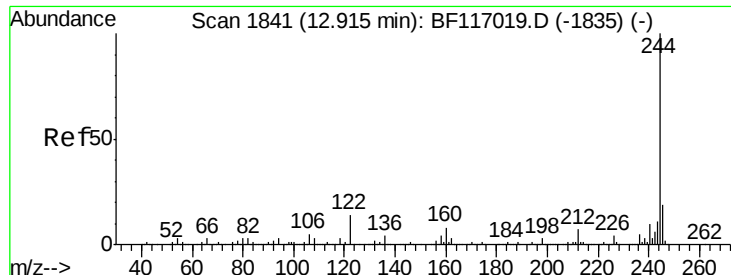
200 21.4 17.2 25.8

203 17.9 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.942 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampled :

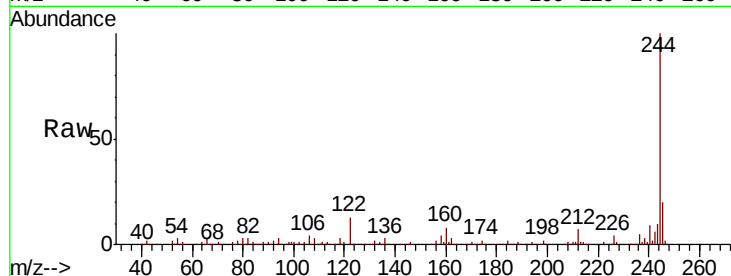
Tot Ion:244 Resp: 313826

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

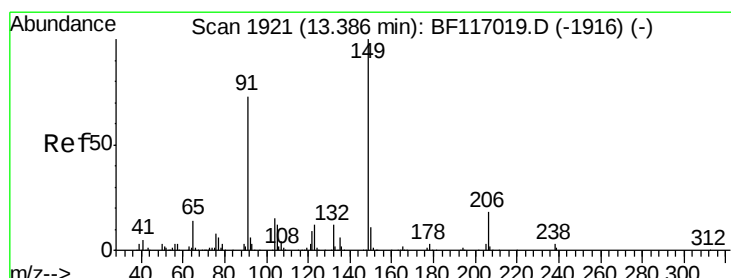
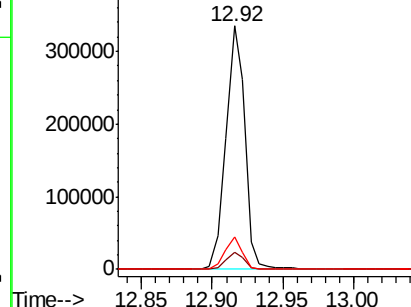
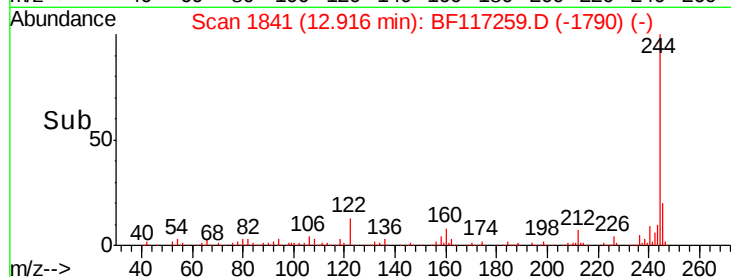
122 13.1 11.3 16.9



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: 37.874 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

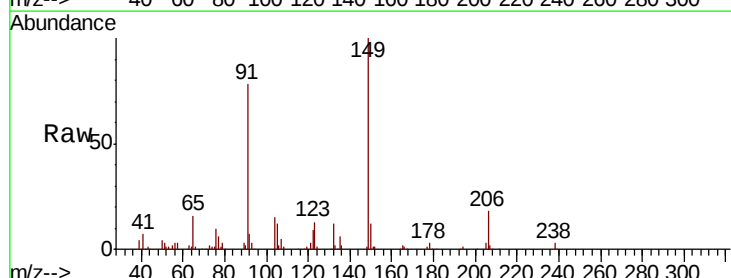
Tgt Ion:149 Resp: 113014

Ion Ratio Lower Upper

149 100

91 77.8 58.8 88.2

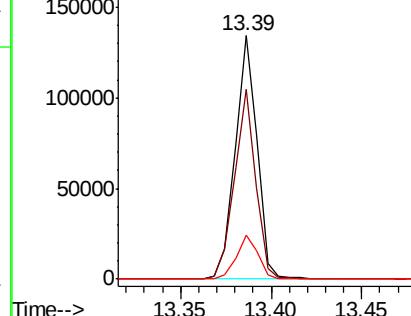
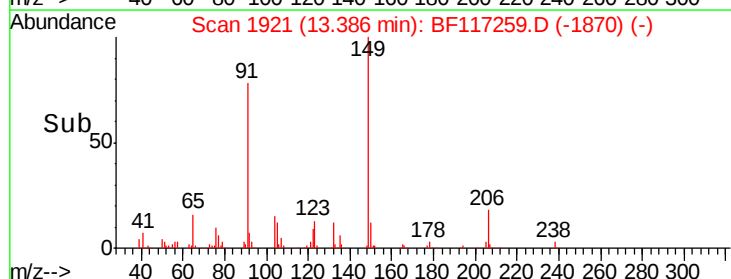
206 17.8 14.1 21.1

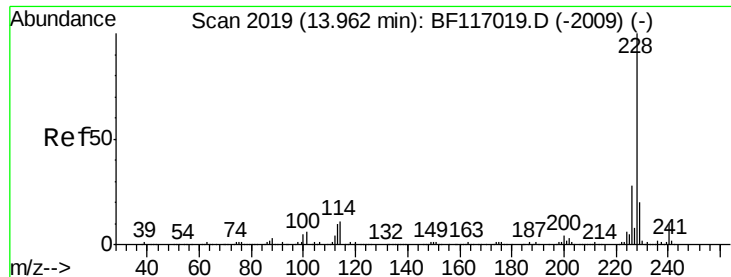


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.480 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Instrument :

BNA_F

ClientSampleId :

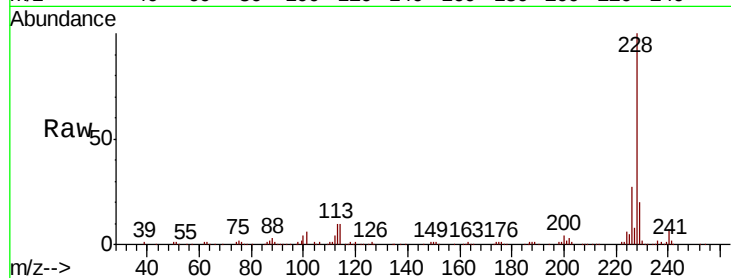
Tot Ion:228 Resp: 188461

Ion Ratio Lower Upper

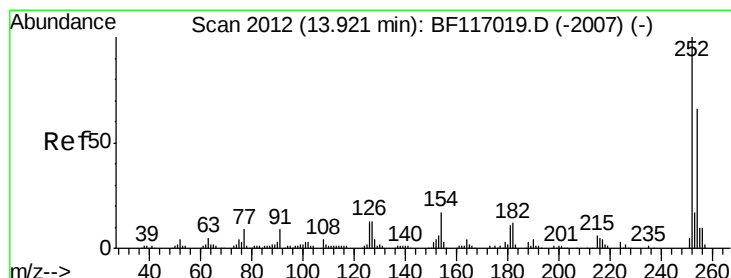
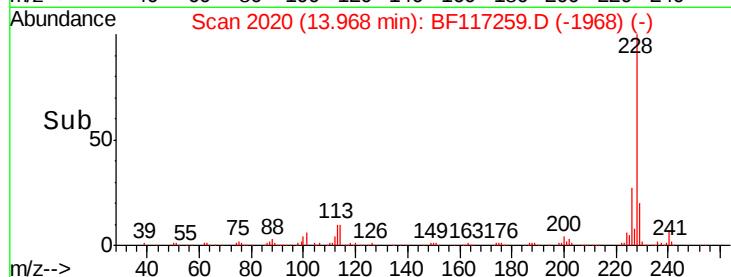
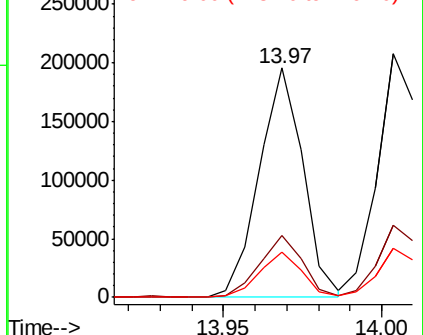
228 100

226 27.2 22.3 33.5

229 19.5 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: 38.679 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

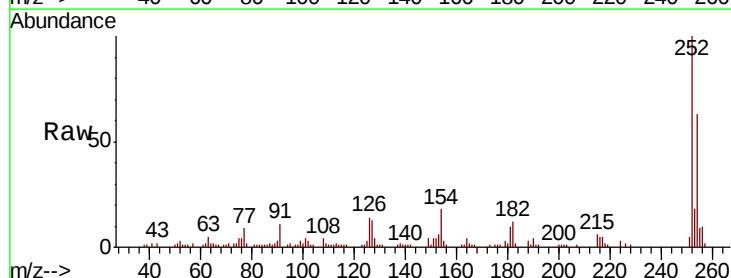
Tgt Ion:252 Resp: 62674

Ion Ratio Lower Upper

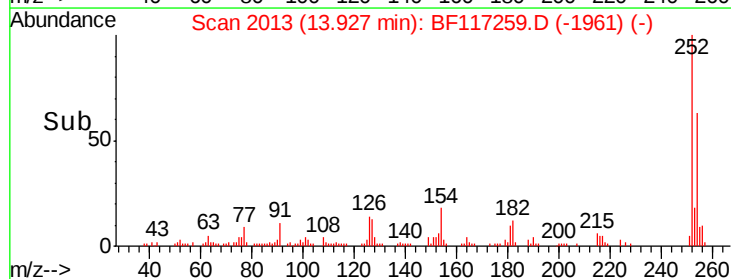
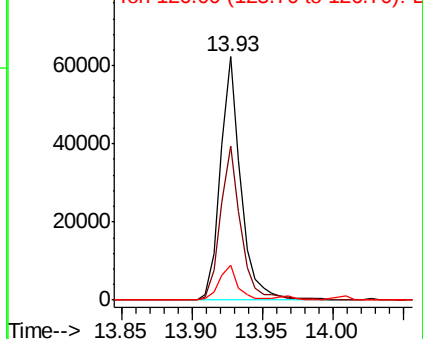
252 100

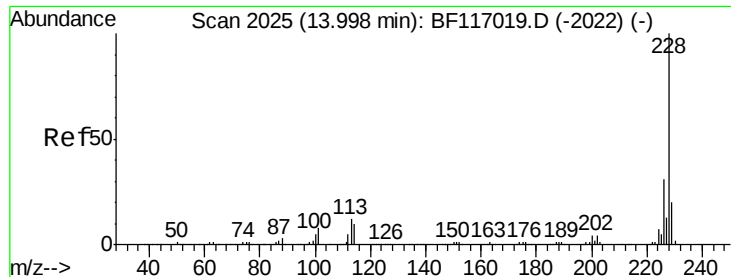
254 63.1 52.6 79.0

126 14.2 10.4 15.6



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

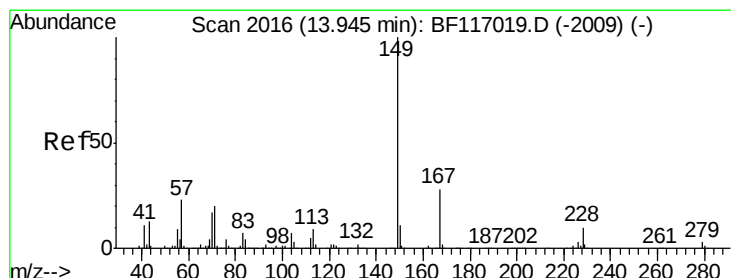
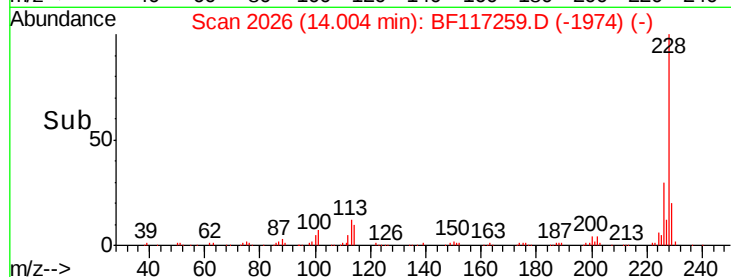
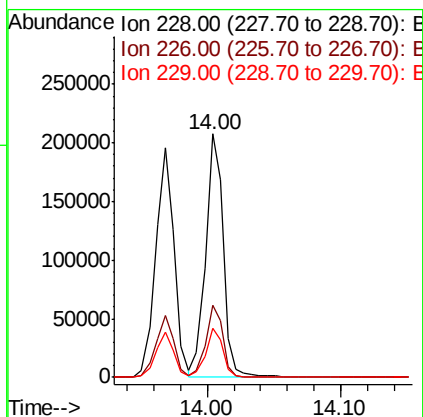
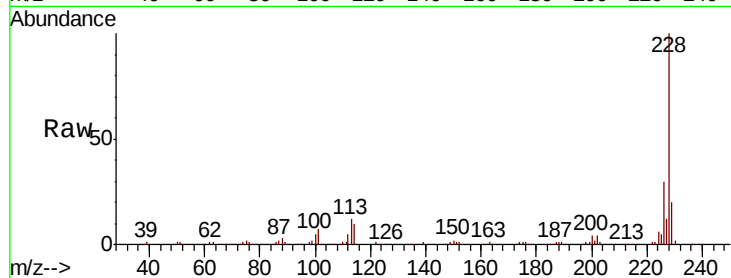




#83
Chrysene
Concen: 39.171 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

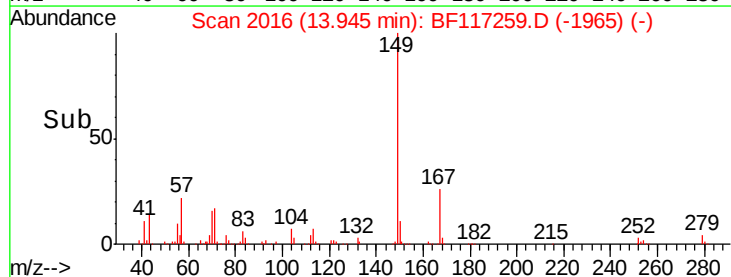
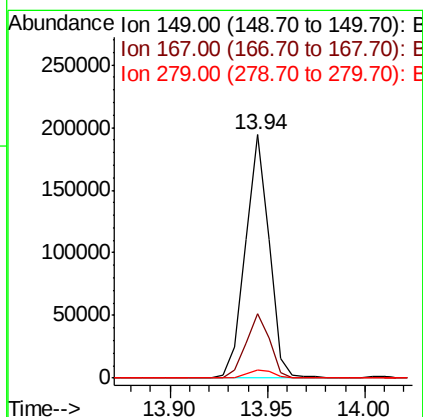
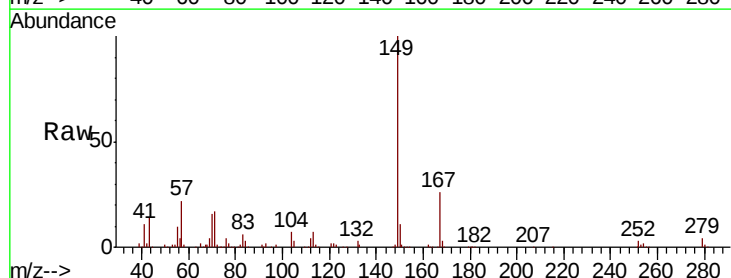
Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 192105
Ion Ratio Lower Upper
228 100
226 29.5 24.8 37.2
229 20.2 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.567 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:149 Resp: 163770
Ion Ratio Lower Upper
149 100
167 26.5 22.2 33.2
279 3.6 2.8 4.2

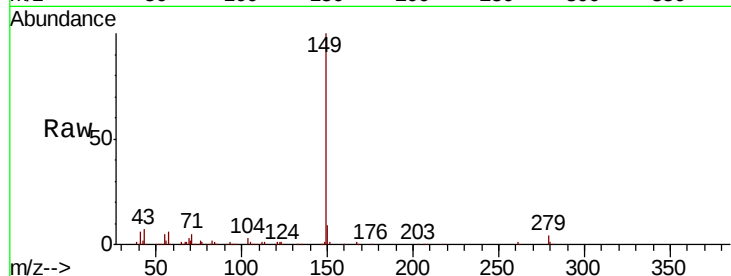




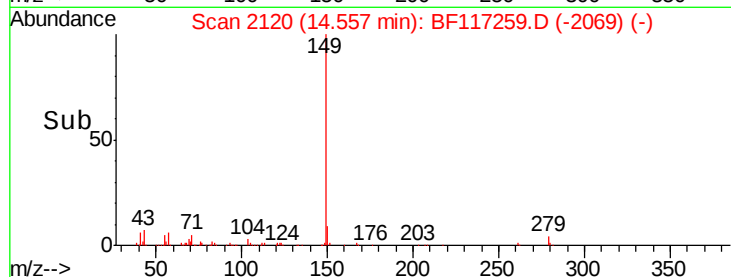
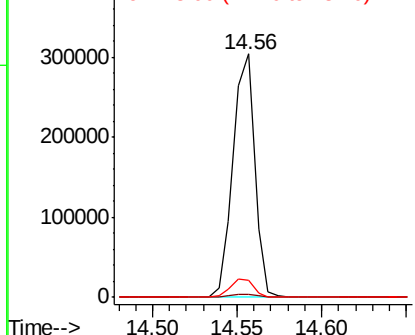
#85
Di-n-octyl phthalate
Concen: 45.170 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	6.2	9.4

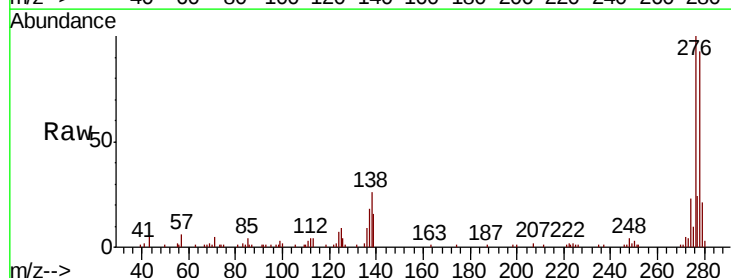


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

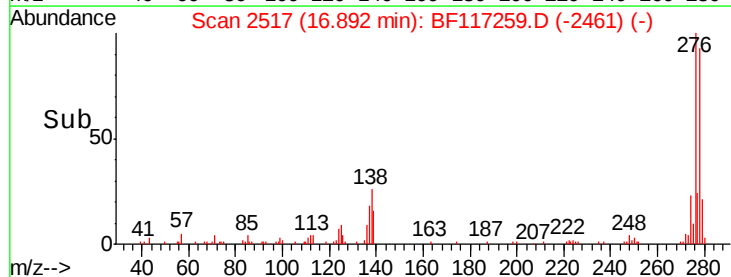
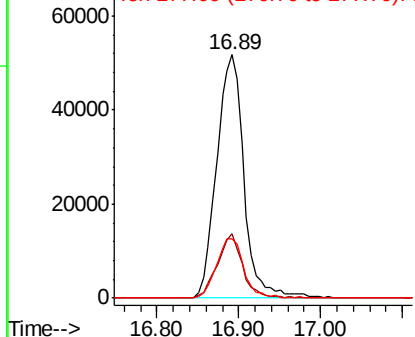


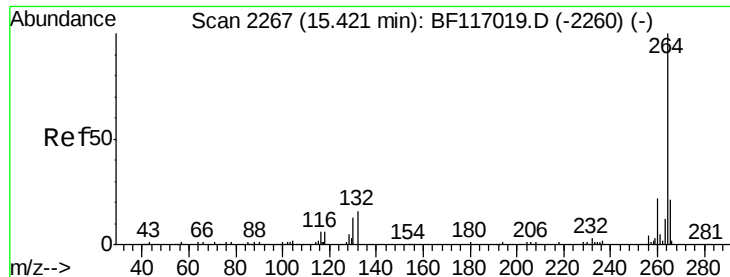
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.507 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.7	31.1
277	24.5	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

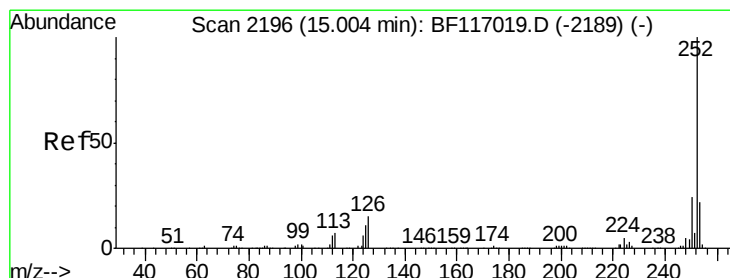
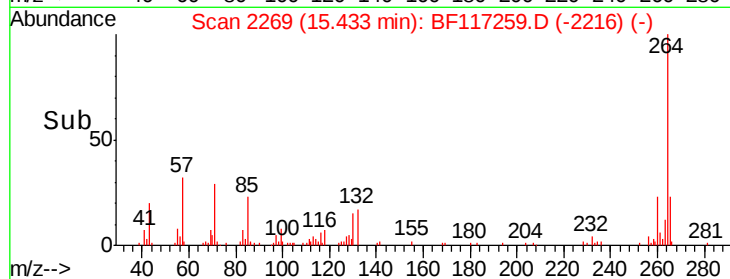
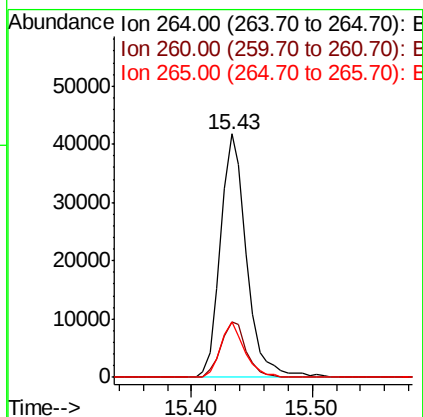
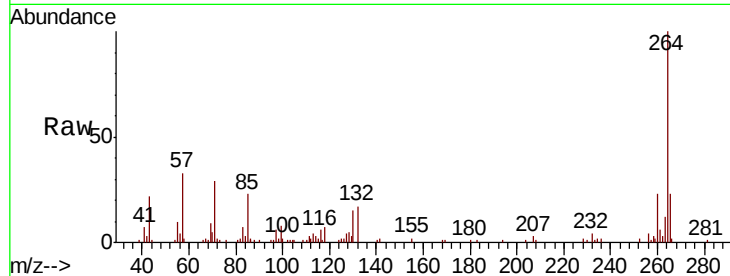




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

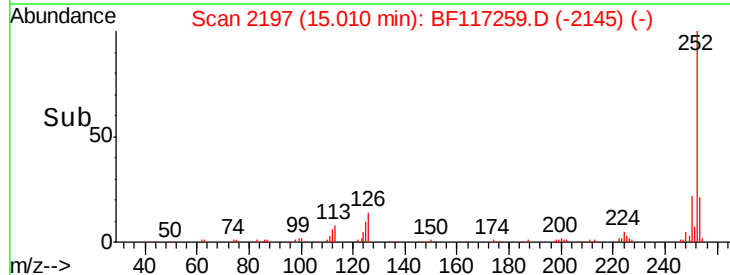
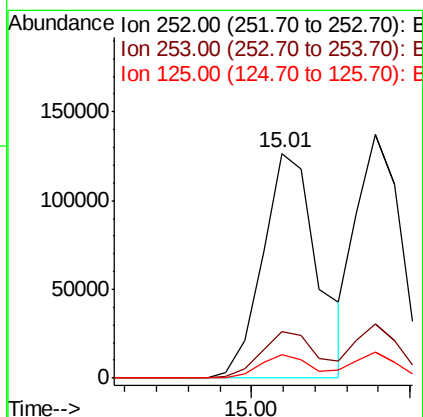
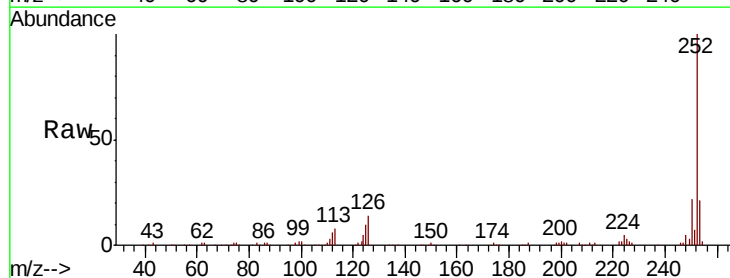
Instrument :
BNA_F
ClientSampleId :

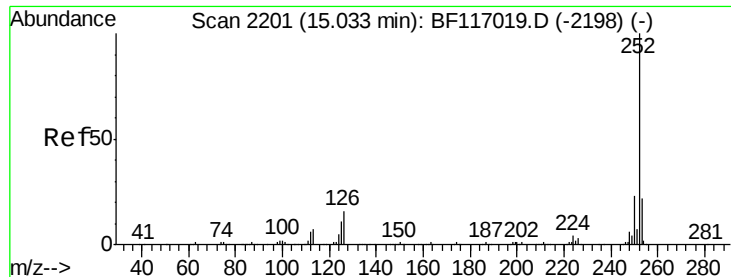
Tot Ion:264 Resp: 62192
Ion Ratio Lower Upper
264 100
260 22.9 17.6 26.4
265 22.7 16.6 24.8



#88
Benzo(b)fluoranthene
Concen: 40.569 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:252 Resp: 152831
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 10.5 8.6 12.8

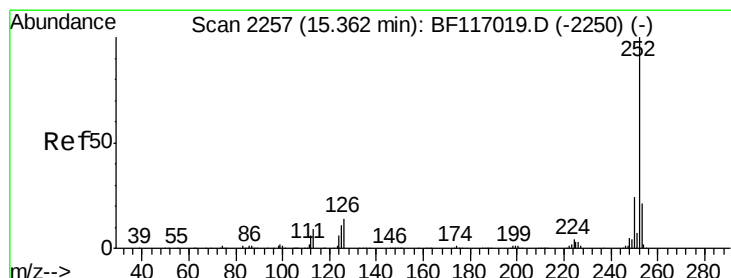
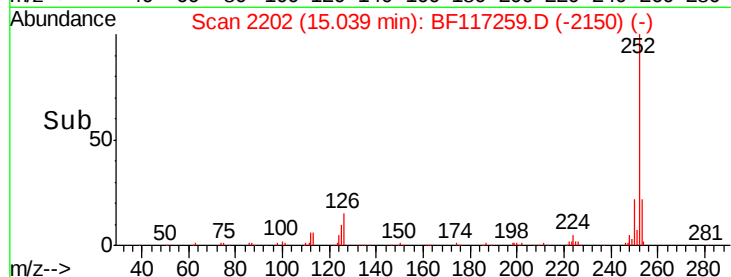
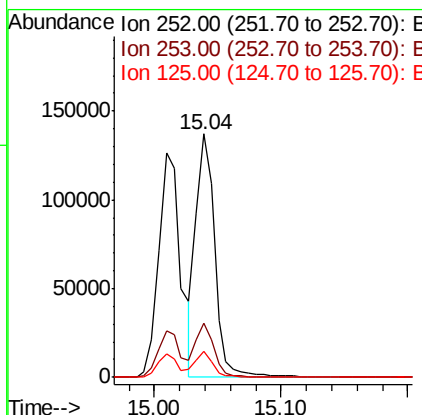
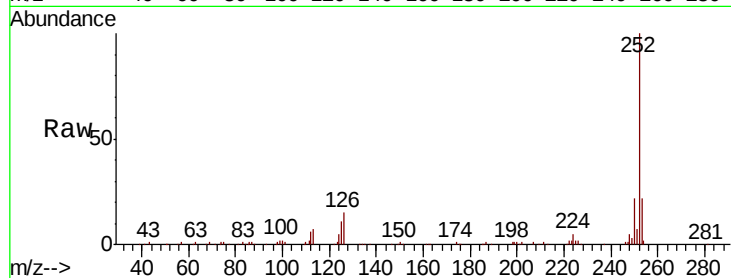




#89
Benzo(k)fluoranthene
Concen: 39.412 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

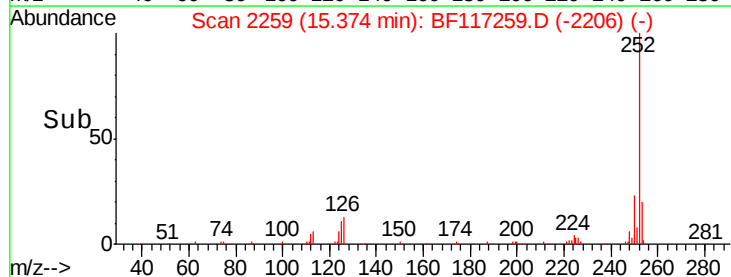
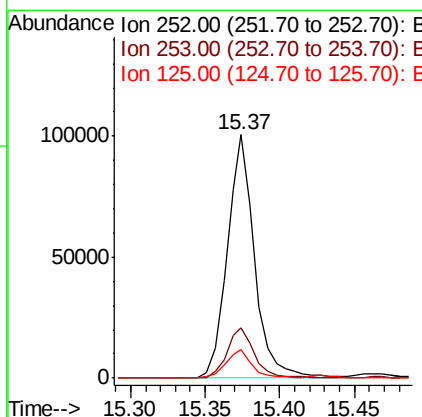
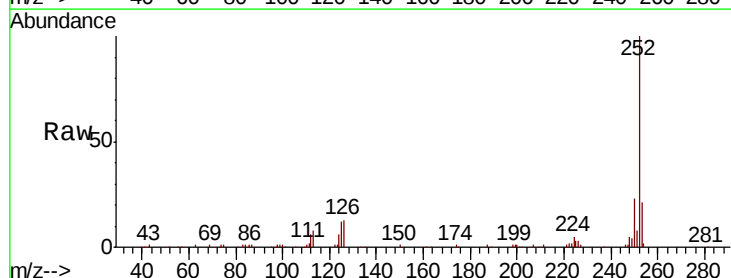
Instrument :
BNA_F
ClientSampleId :

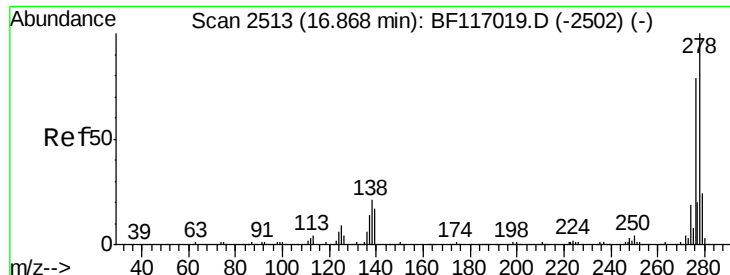
Tot Ion:252 Resp: 140643
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.914 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117259.D
Acq: 26 Sep 2019 00:44

Tgt Ion:252 Resp: 128640
Ion Ratio Lower Upper
252 100
253 20.6 16.6 25.0
125 11.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 37.316 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

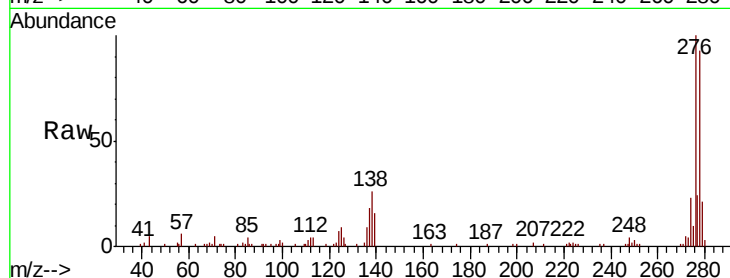
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 98272

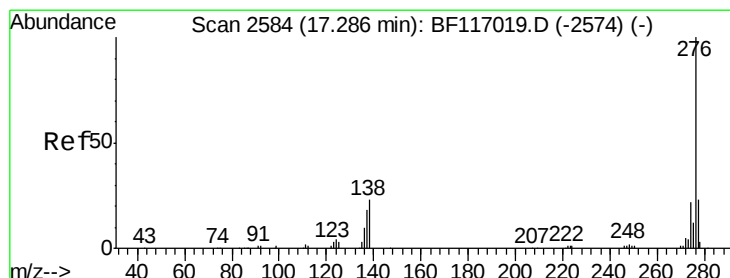
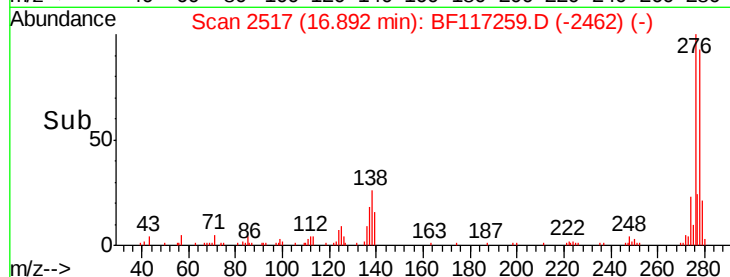
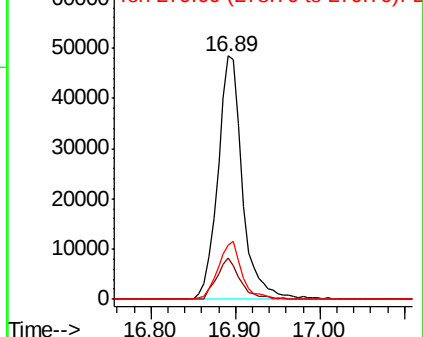
Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	22.3	18.8	28.2



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: 35.028 ng

RT: 17.32 min Scan# 2590

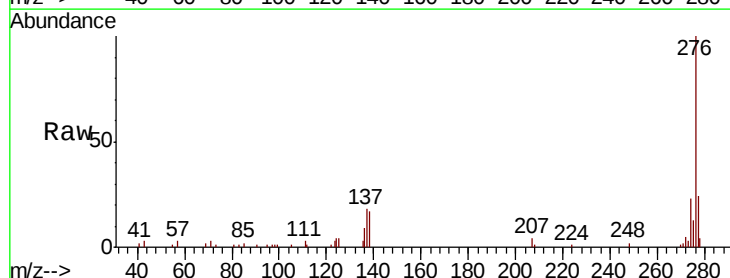
Delta R.T. 0.04 min

Lab File: BF117259.D

Acq: 26 Sep 2019 00:44

Tgt Ion:276 Resp: 91921

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	16.7	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

