

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117139.D
 Acq On : 18 Sep 2019 11:08
 Operator : HP/JU
 Sample : PB123161BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 13:28:27 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	69260	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	295333	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	154745	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	249573	20.00	ng	0.00
76) Chrysene-d12	13.97	240	163555	20.00	ng	0.00
87) Perylene-d12	15.42	264	126585	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	468591	105.63	ng	0.02
7) Phenol-d6	6.47	99	606322	105.76	ng	0.01
23) Nitrobenzene-d5	7.39	82	367200	65.33	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	137188	106.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	656230	66.31	ng	0.00
79) Terphenyl-d14	12.91	244	621229	71.00	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	74391	40.075	ng	97
3) Pyridine	3.40	79	170191	33.496	ng	97
4) n-Nitrosodimethylamine	3.34	42	66014	37.860	ng	# 99
6) Aniline	6.49	93	229684	31.116	ng	# 90
8) 2-Chlorophenol	6.62	128	204315	42.692	ng	96
9) Benzaldehyde	6.37	77	126001	45.216	ng	99
10) Phenol	6.48	94	259682	41.087	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	194279	41.824	ng	96
12) 1,3-Dichlorobenzene	6.76	146	214424	39.928	ng	99
13) 1,4-Dichlorobenzene	6.84	146	221228	40.367	ng	99
14) 1,2-Dichlorobenzene	6.99	146	206775	40.524	ng	98
15) Benzyl Alcohol	6.97	79	185003	42.080	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	181162	39.474	ng	94
17) 2-Methylphenol	7.08	107	167526	41.767	ng	95
18) Hexachloroethane	7.33	117	84930	40.283	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	147389	42.219	ng	99
20) 3+4-Methylphenols	7.23	107	210152	42.064	ng	92
22) Acetophenone	7.23	105	299086	39.860	ng	99
24) Nitrobenzene	7.40	77	228346	41.138	ng	99
25) Isophorone	7.65	82	404669	40.661	ng	100
26) 2-Nitrophenol	7.72	139	107928	45.267	ng	97
27) 2,4-Dimethylphenol	7.76	122	176900	46.787	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	245204	39.990	ng	100
29) 2,4-Dichlorophenol	7.96	162	167650	42.317	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	165835	38.745	ng	97
31) Naphthalene	8.13	128	581393	40.933	ng	99
32) Benzoic acid	7.89	122	79780	30.700	ng	95
33) 4-Chloroaniline	8.17	127	145744	23.135	ng	99
34) Hexachlorobutadiene	8.24	225	95550	39.348	ng	97
35) Caprolactam	8.55	113	35138	26.204	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	195056	42.225	ng	99
37) 2-Methylnaphthalene	8.82	142	402286	42.060	ng	97
38) 1-Methylnaphthalene	8.92	142	380478	42.473	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	156791	39.238	ng	99

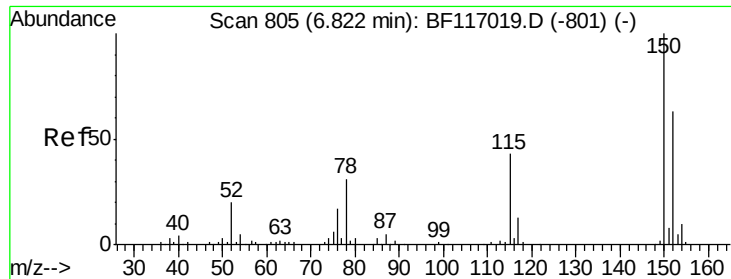
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117139.D
 Acq On : 18 Sep 2019 11:08
 Operator : HP/JU
 Sample : PB123161BS
 Misc :
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Instrument :
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 ClientSampleId :

Quant Time: Sep 18 13:28:27 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	8.97	237	133474	76.002	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	106613	39.315	ng	96
44) 2,4,5-Trichlorophenol	9.14	196	115971	40.028	ng	98
46) 1,1'-Biphenyl	9.27	154	471040	38.806	ng	99
47) 2-Chloronaphthalene	9.30	162	367545	38.367	ng	98
48) 2-Nitroaniline	9.40	65	115962	37.740	ng	96
49) Acenaphthylene	9.72	152	583248	40.642	ng	100
50) Dimethylphthalate	9.57	163	427225	38.992	ng	98
51) 2,6-Dinitrotoluene	9.64	165	93072	41.708	ng	96
52) Acenaphthene	9.89	154	333646	39.220	ng	99
53) 3-Nitroaniline	9.81	138	76244	27.080	ng	96
54) 2,4-Dinitrophenol	9.92	184	71602	74.962	ng	100
55) Dibenzofuran	10.06	168	507198	40.410	ng	96
56) 4-Nitrophenol	9.98	139	125591	68.826	ng	97
57) 2,4-Dinitrotoluene	10.04	165	125419	43.298	ng	98
58) Fluorene	10.40	166	410280	40.579	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	92689	41.806	ng	97
60) Diethylphthalate	10.27	149	424570	39.387	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	176689	40.391	ng	93
62) 4-Nitroaniline	10.42	138	106479	36.366	ng	95
63) Azobenzene	10.55	77	442142	40.160	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49695	44.319	ng	95
66) n-Nitrosodiphenylamine	10.51	169	353688	41.035	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	103861	40.750	ng	95
68) Hexachlorobenzene	10.95	284	110665	39.697	ng	95
69) Atrazine	11.03	200	99687	47.057	ng	99
70) Pentachlorophenol	11.15	266	103521	79.221	ng	99
71) Phenanthrene	11.36	178	571863	40.341	ng	100
72) Anthracene	11.41	178	605529	41.841	ng	98
73) Carbazole	11.57	167	556134	40.484	ng	100
74) Di-n-butylphthalate	11.89	149	667338	40.830	ng	99
75) Fluoranthene	12.54	202	577820	39.671	ng	98
77) Benzidine	12.66	184	223300	42.384	ng	98
78) Pyrene	12.77	202	581347	42.361	ng	100
80) Butylbenzylphthalate	13.38	149	269691	41.590	ng	100
81) Benzo(a)anthracene	13.96	228	431570	39.495	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	106656	30.289	ng	96
83) Chrysene	14.00	228	428654	40.220	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	358459	42.873	ng	98
85) Di-n-octyl phthalate	14.55	149	556864	42.316	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	297566	38.270	ng	99
88) Benzo(b)fluoranthene	15.00	252	322986	42.123	ng	99
89) Benzo(k)fluoranthene	15.03	252	337682	46.491	ng	99
90) Benzo(a)pyrene	15.36	252	304748	45.292	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	253635	47.318	ng	98
92) Benzo(g,h,i)perylene	17.29	276	247997	46.429	ng	99

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

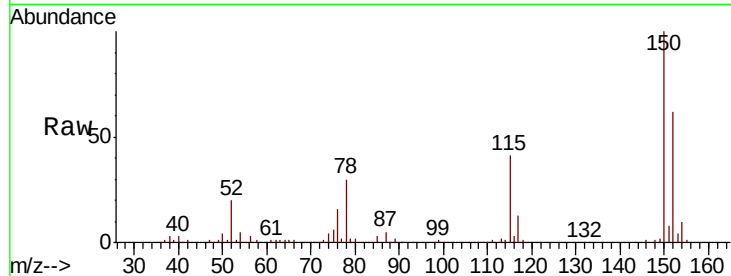


#1

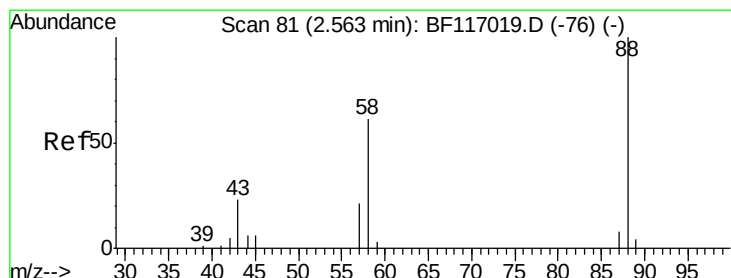
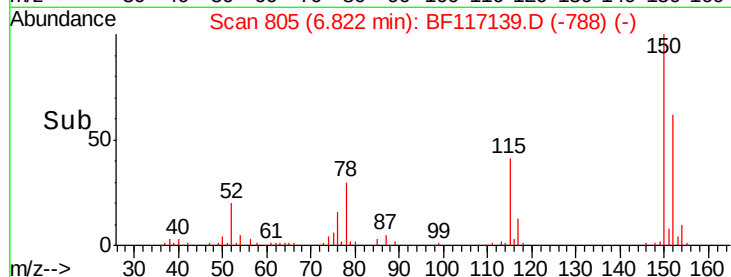
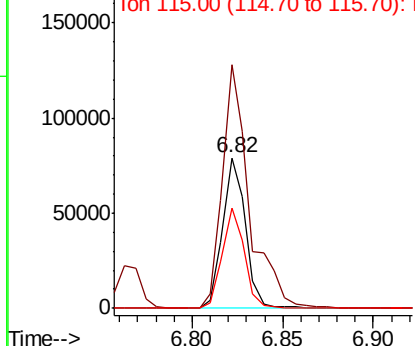
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69260
Ion Ratio Lower Upper
152 100
150 161.8 127.5 191.3
115 66.9 55.0 82.4



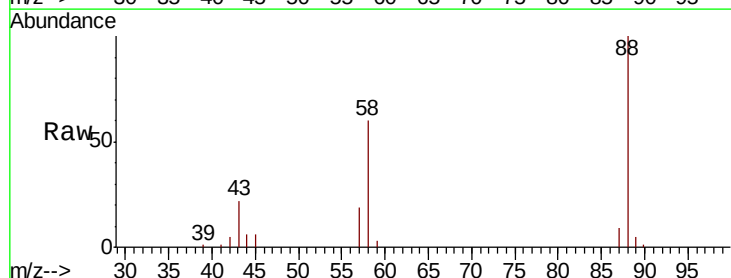
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



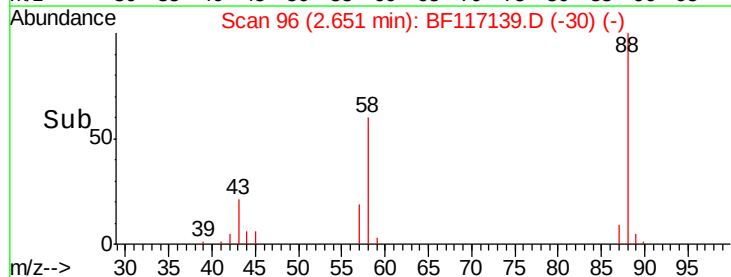
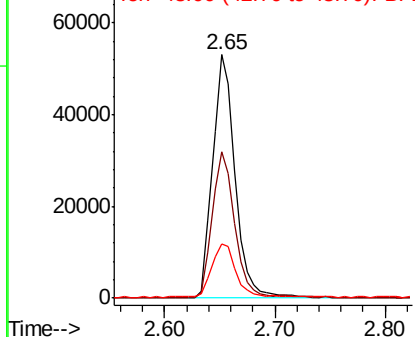
#2

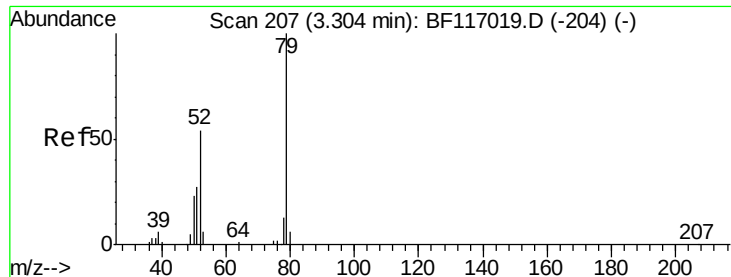
1,4-Dioxane
Concen: 40.075 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion: 88 Resp: 74391
Ion Ratio Lower Upper
88 100
58 60.5 49.3 73.9
43 26.2 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: 33.496 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

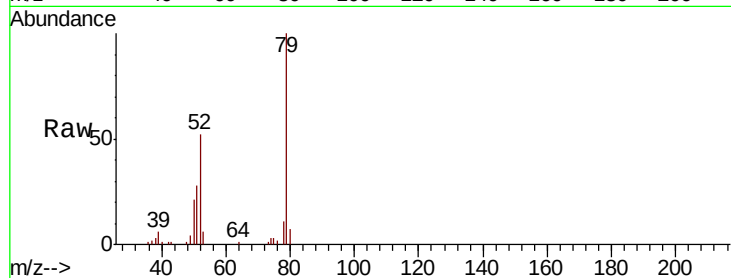
Tot Ion: 79 Resp: 170191

Ion Ratio Lower Upper

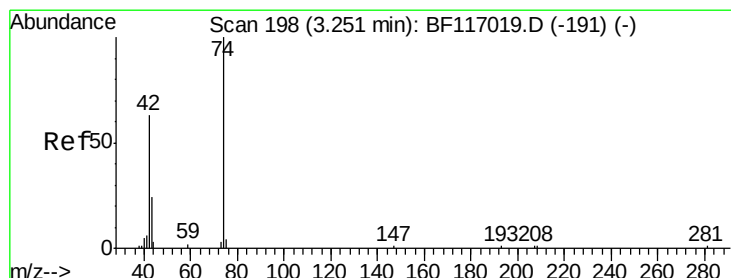
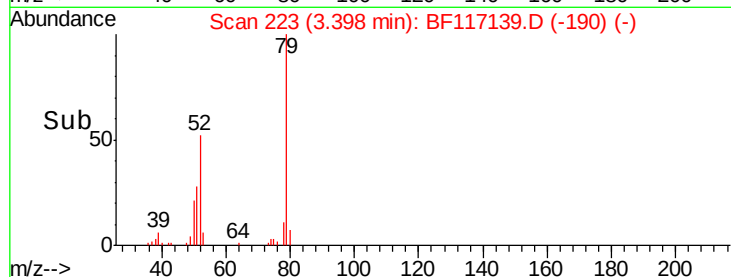
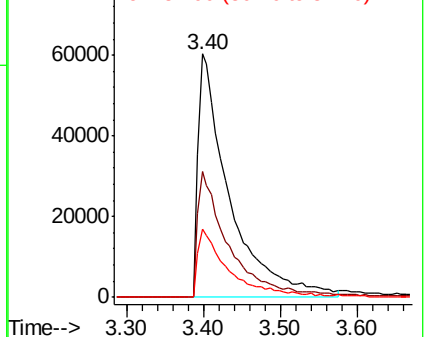
79 100

52 51.6 43.5 65.3

51 28.3 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: 37.860 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

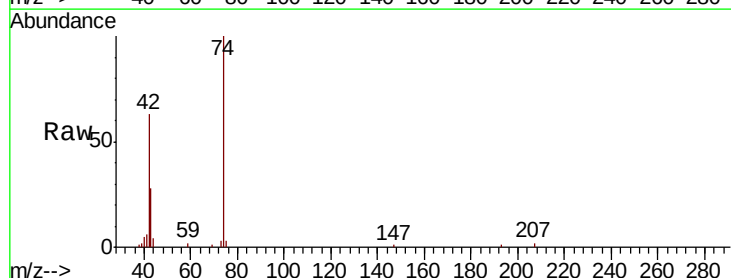
Tgt Ion: 42 Resp: 66014

Ion Ratio Lower Upper

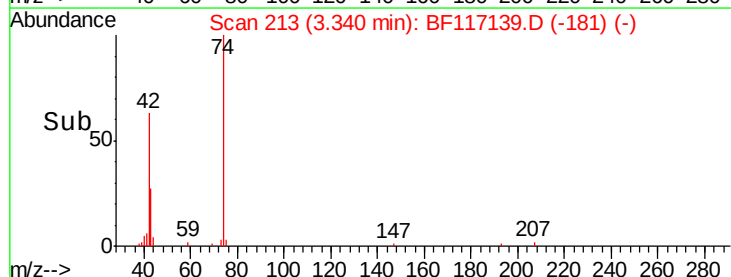
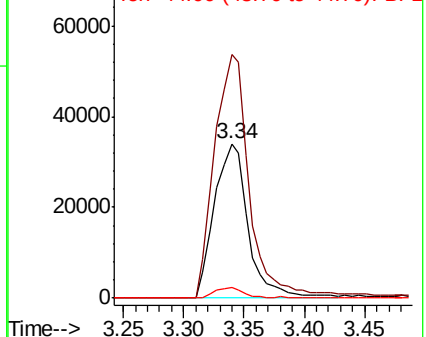
42 100

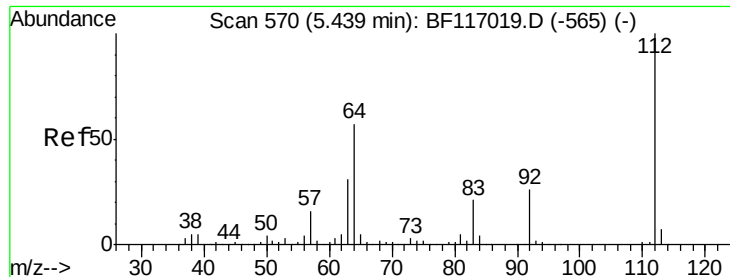
74 158.1 127.1 190.7

44 6.7 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: 105.629 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117139.D

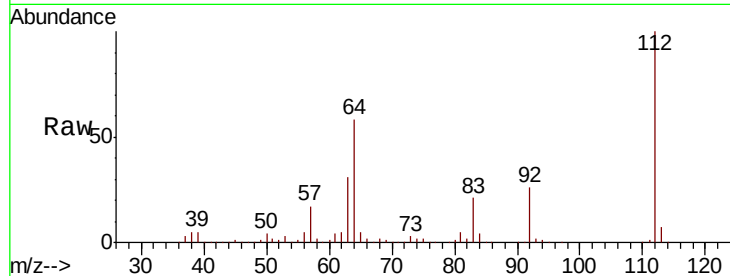
Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampled :

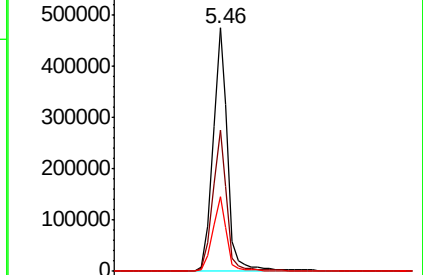
Tot Ion:	112	Resp:	468591
Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.7	68.5
63	30.9	24.9	37.3



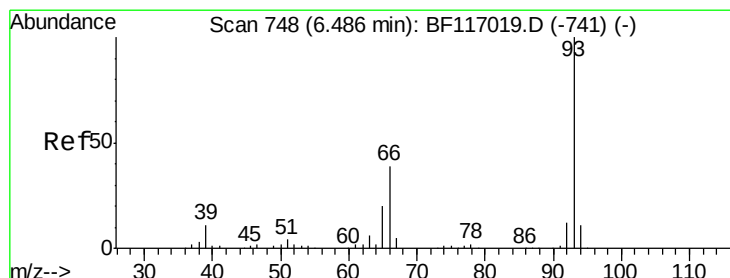
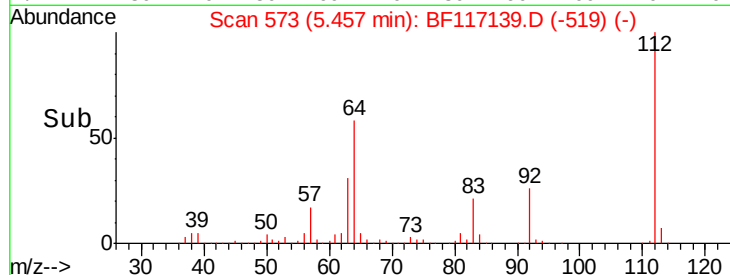
Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->



#6

Aniline

Concen: 31.116 ng

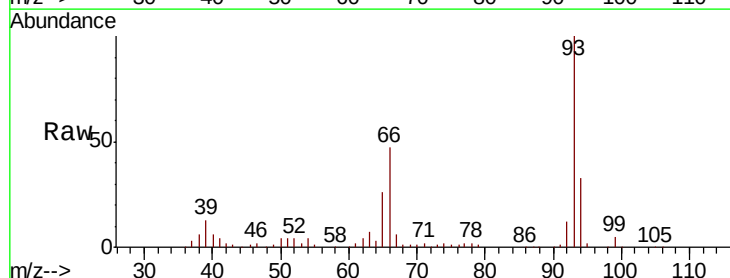
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

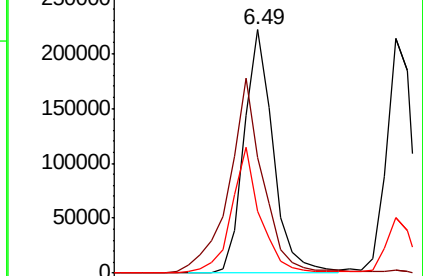
Tgt Ion:	93	Resp:	229684
Ion	Ratio	Lower	Upper
93	100		
66	47.4	32.6	49.0
65	25.5	16.7	25.1#



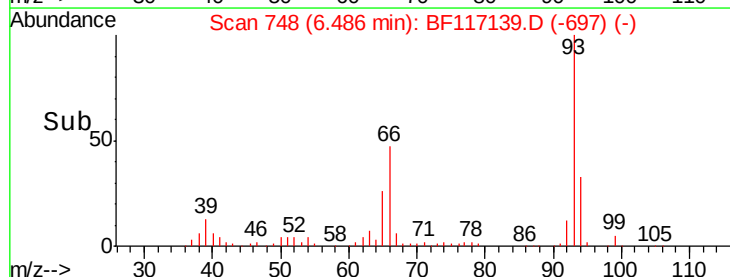
Abundance Ion 93.00 (92.70 to 93.70): BF1

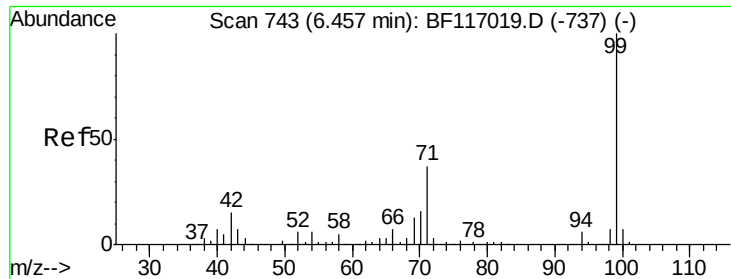
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 105.757 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

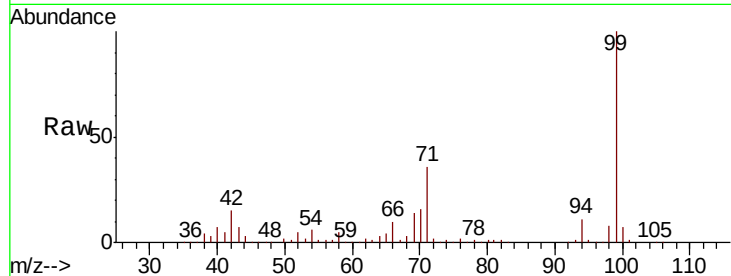
Tot Ion: 99 Resp: 606322

Ion Ratio Lower Upper

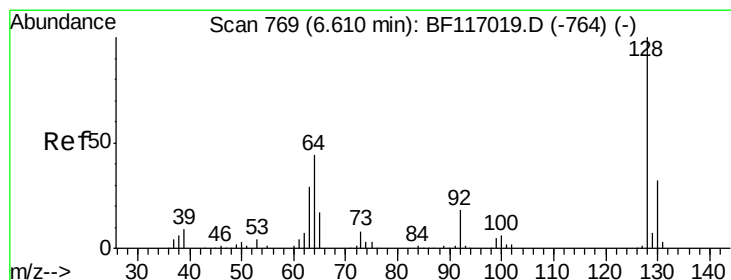
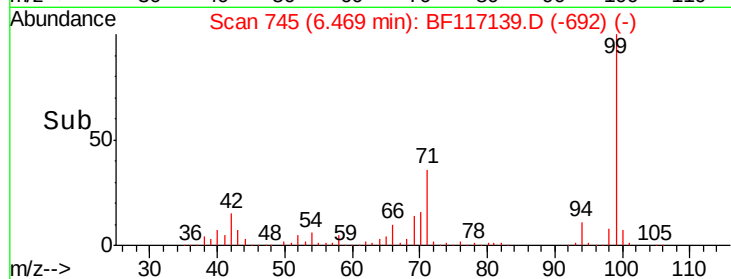
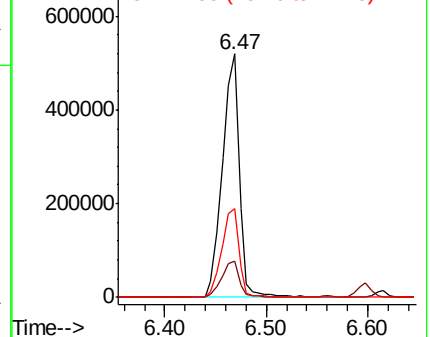
99 100

42 14.9 12.2 18.2

71 36.4 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: 42.692 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

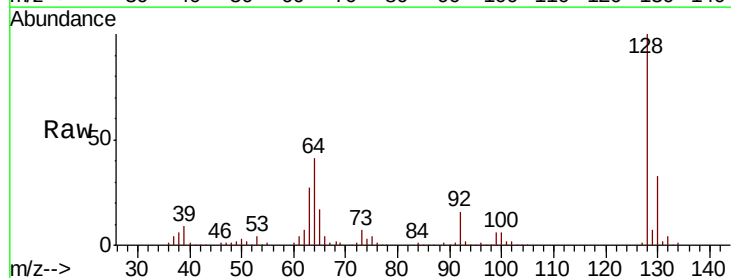
Tgt Ion: 128 Resp: 204315

Ion Ratio Lower Upper

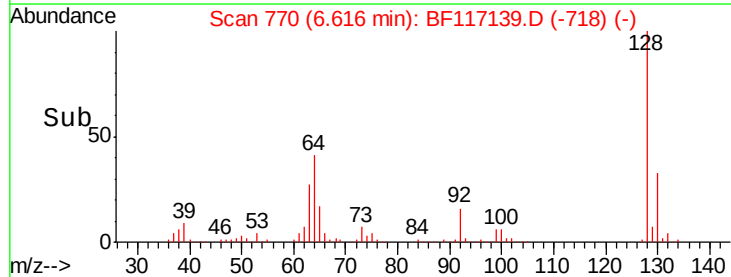
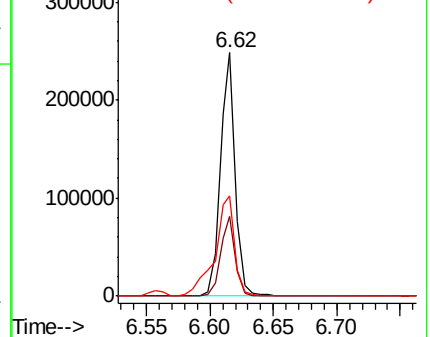
128 100

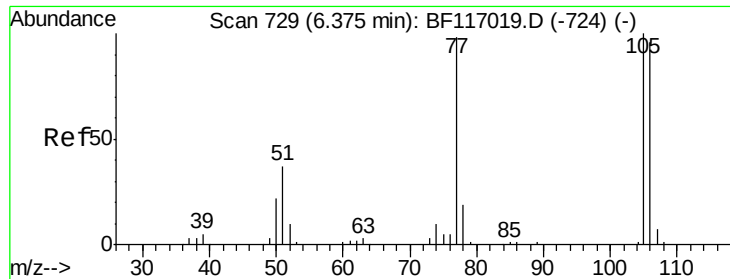
130 32.9 11.8 51.8

64 41.1 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: 45.216 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

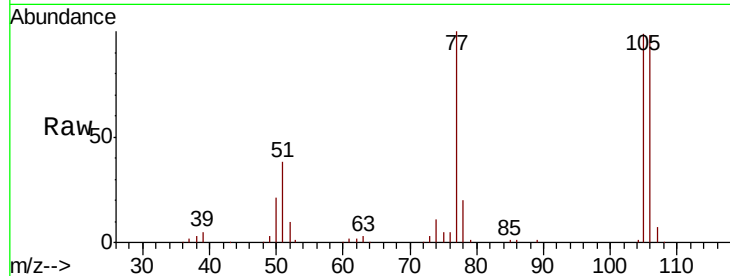
Tot Ion: 77 Resp: 126001

Ion Ratio Lower Upper

77 100

105 99.4 81.8 121.8

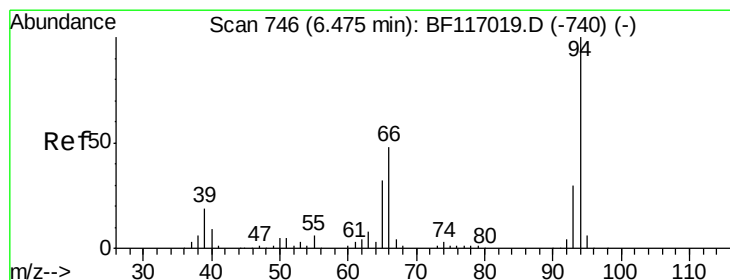
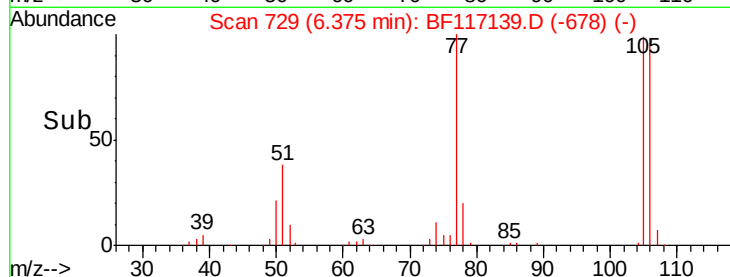
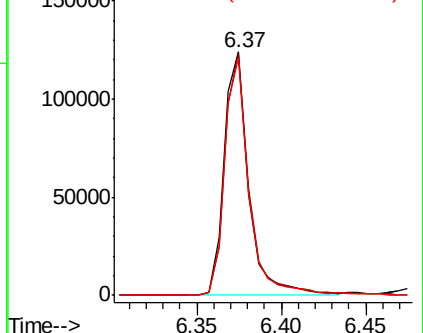
106 97.6 77.3 117.3



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: 41.087 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

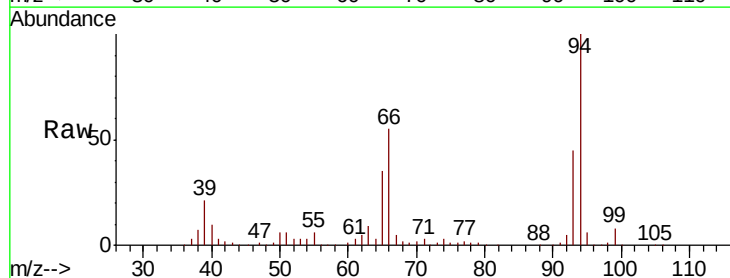
Tgt Ion: 94 Resp: 259682

Ion Ratio Lower Upper

94 100

65 35.5 12.5 52.5

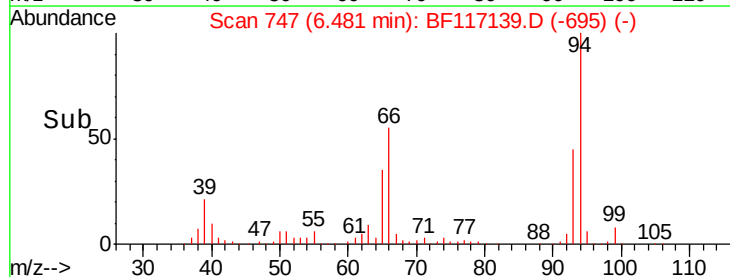
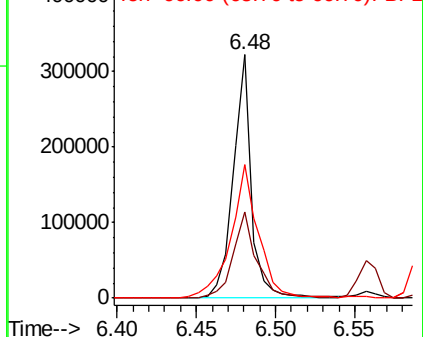
66 54.9 28.9 68.9

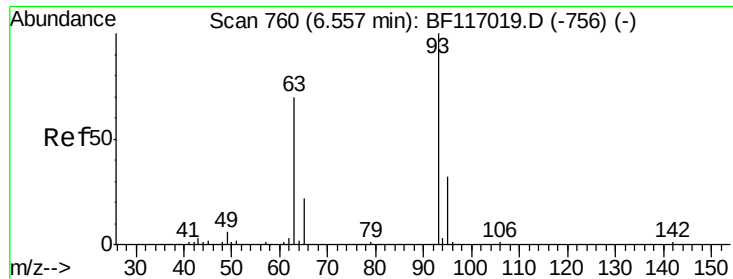


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

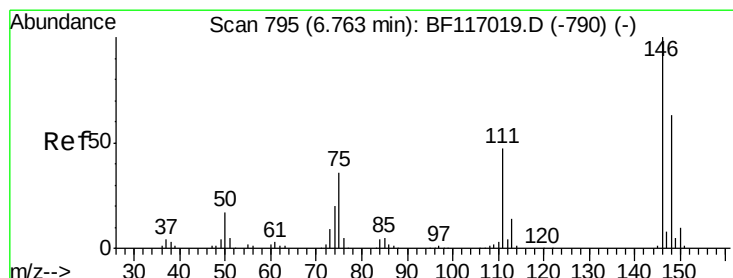
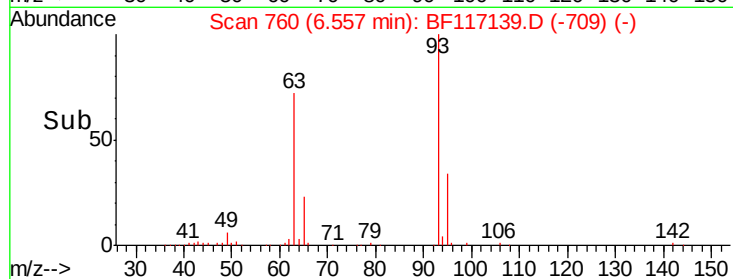
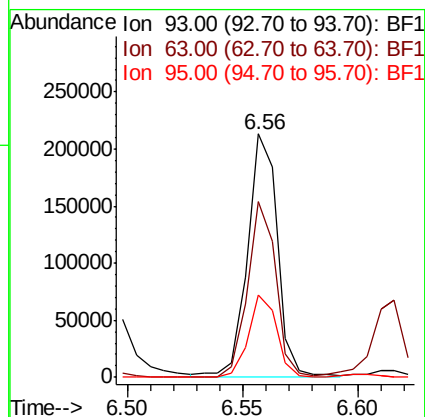
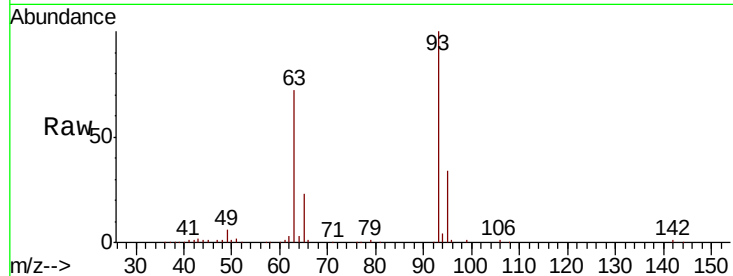




#11
bis(2-Chloroethyl)ether
Concen: 41.824 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

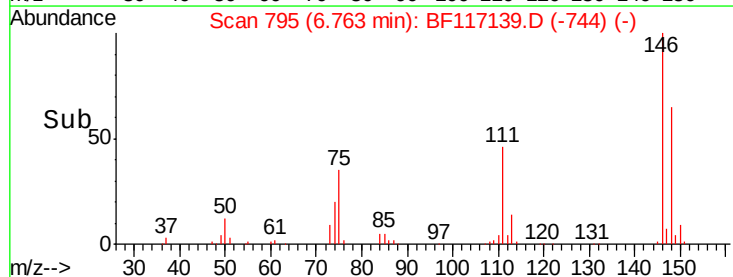
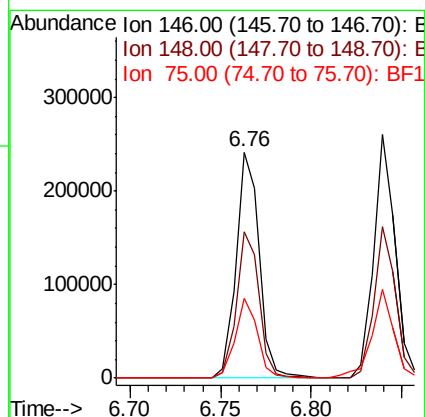
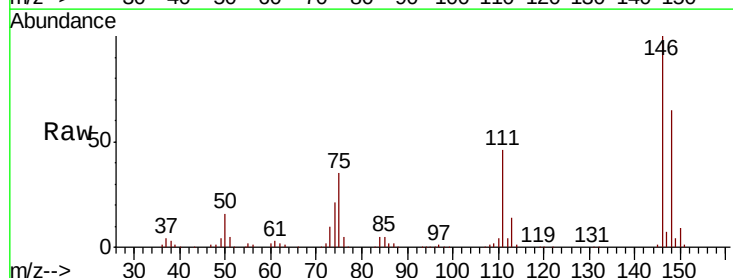
Instrument :
BNA_F
ClientSampled :

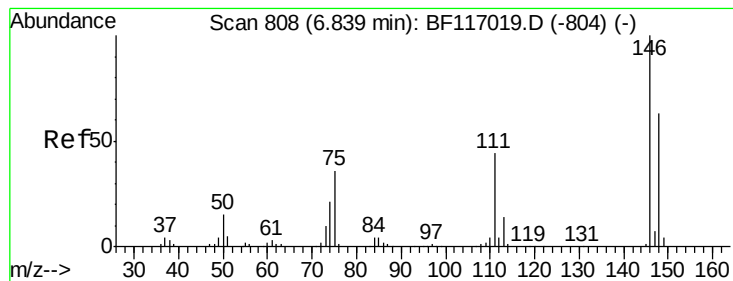
Tot Ion: 93 Resp: 194279
Ion Ratio Lower Upper
93 100
63 72.2 49.3 89.3
95 33.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.928 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion: 146 Resp: 214424
Ion Ratio Lower Upper
146 100
148 64.9 50.8 76.2
75 35.5 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 40.367 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

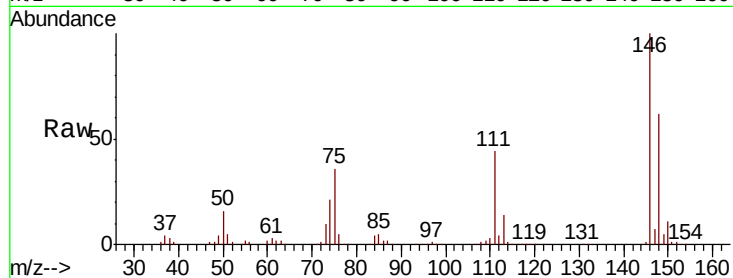
Tot Ion:146 Resp: 221228

Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

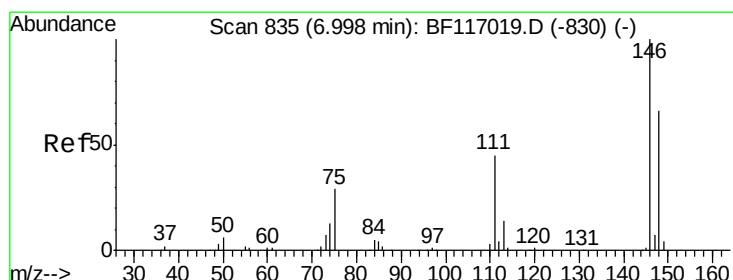
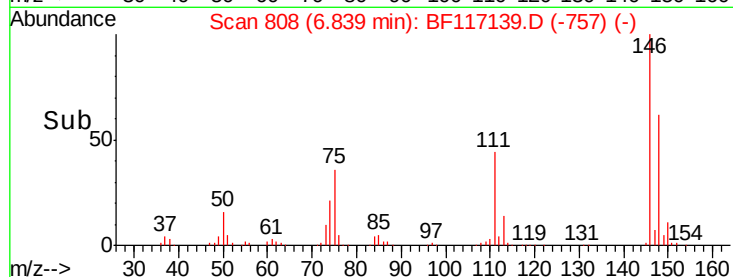
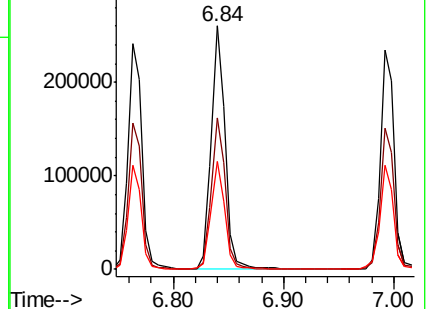
111 44.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.524 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

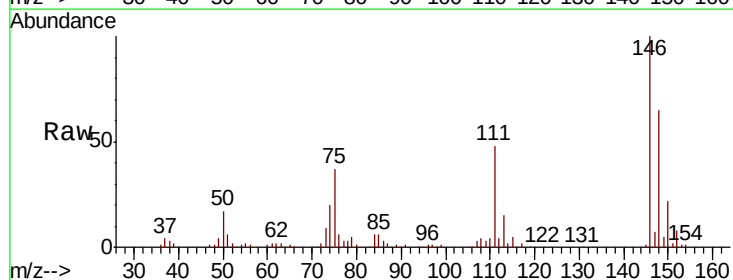
Tgt Ion:146 Resp: 206775

Ion Ratio Lower Upper

146 100

148 64.6 52.6 78.8

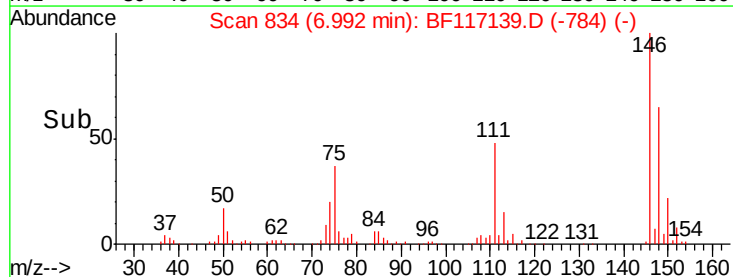
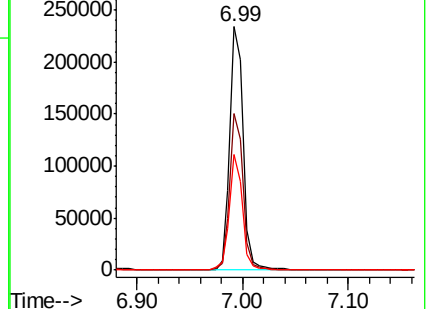
111 47.7 36.2 54.2

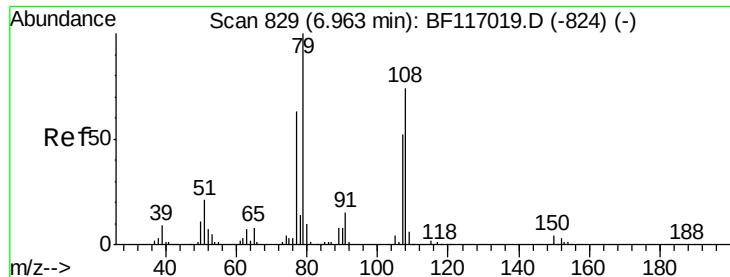


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.080 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

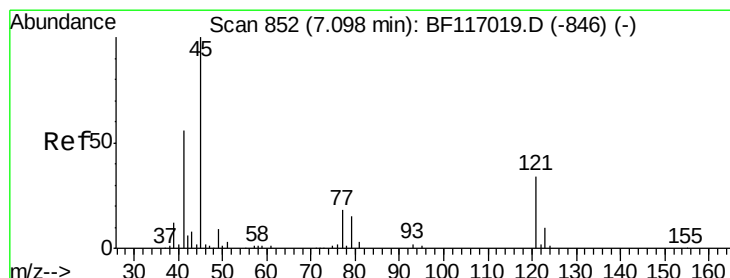
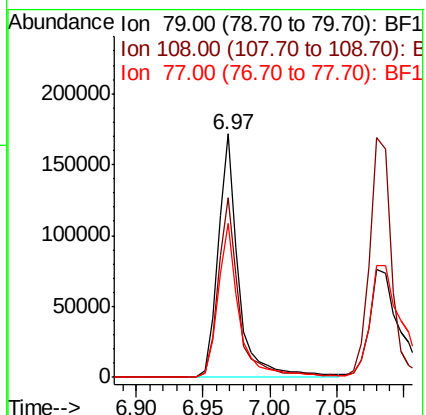
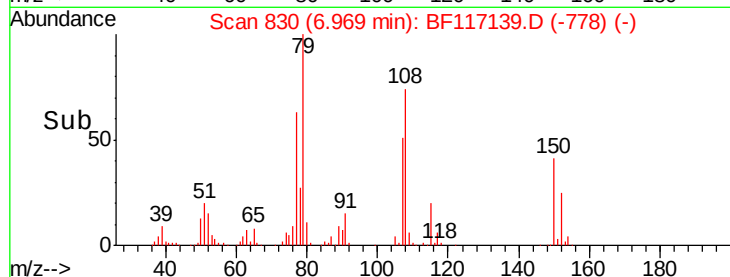
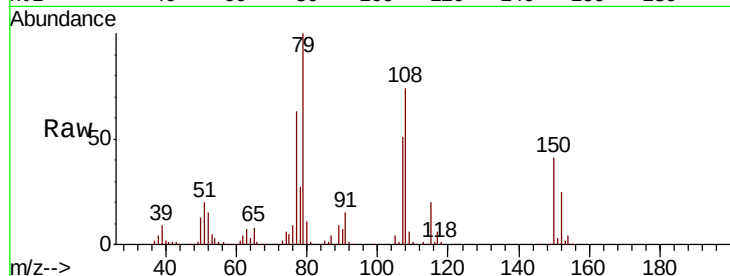
Tot Ion: 79 Resp: 185003

Ion Ratio Lower Upper

79 100

108 74.0 59.4 89.0

77 63.0 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.474 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

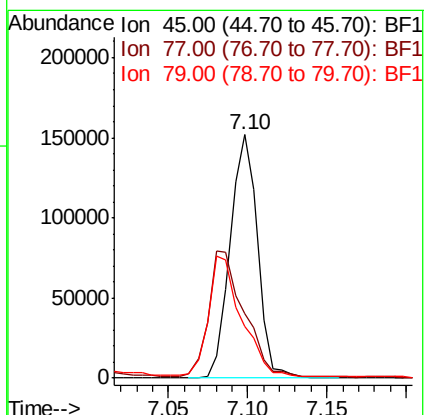
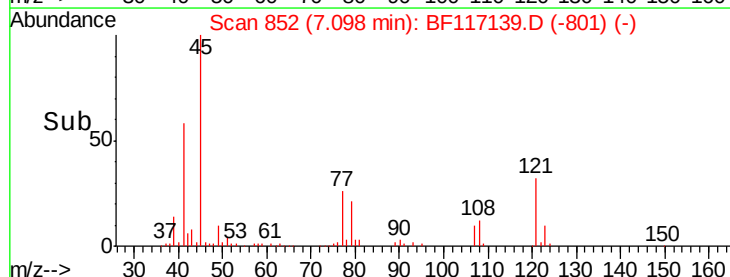
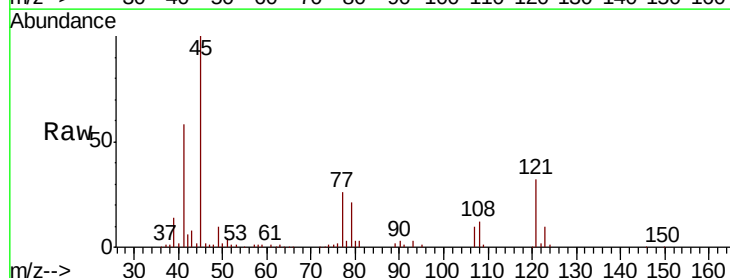
Tgt Ion: 45 Resp: 181162

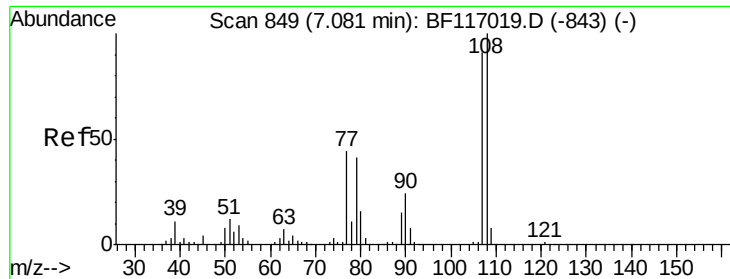
Ion Ratio Lower Upper

45 100

77 26.2 2.7 42.7

79 21.1 0.0 38.9





#17

2-Methylphenol

Concen: 41.767 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 167526

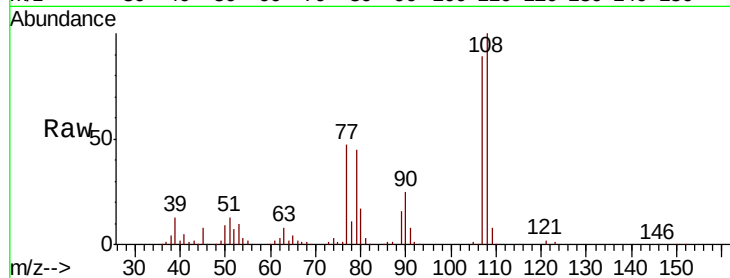
Ion Ratio Lower Upper

107 100

108 112.4 87.7 131.5

77 52.6 38.6 58.0

79 50.9 36.8 55.2

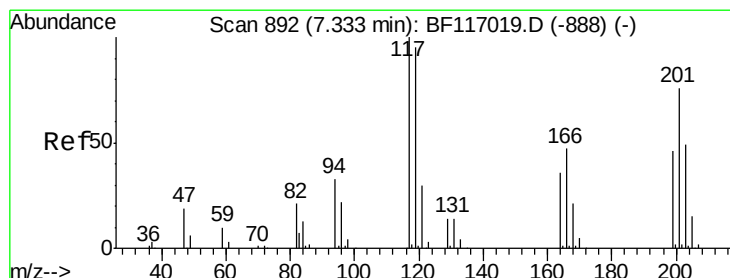
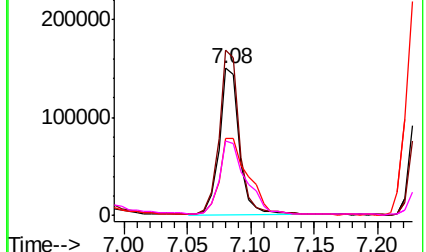
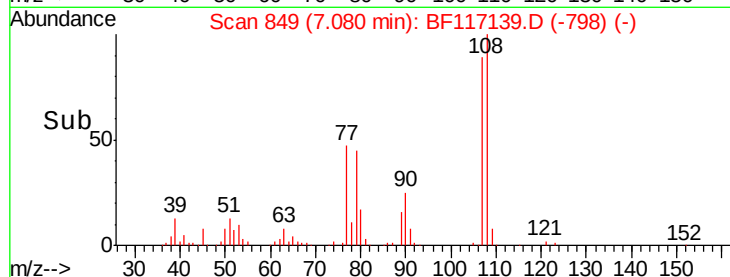


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.283 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

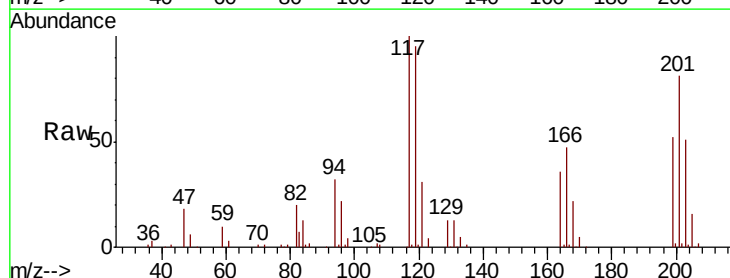
Tgt Ion:117 Resp: 84930

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

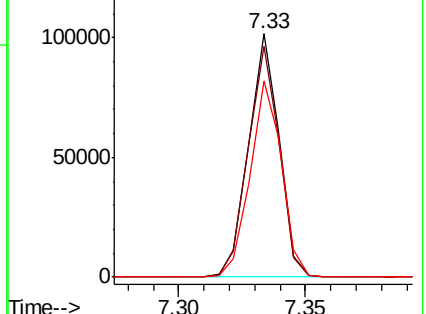
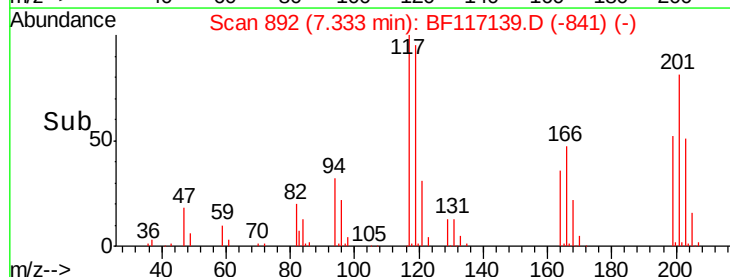
201 80.9 60.9 91.3

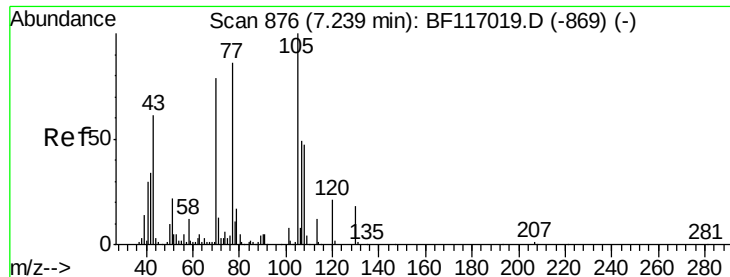


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

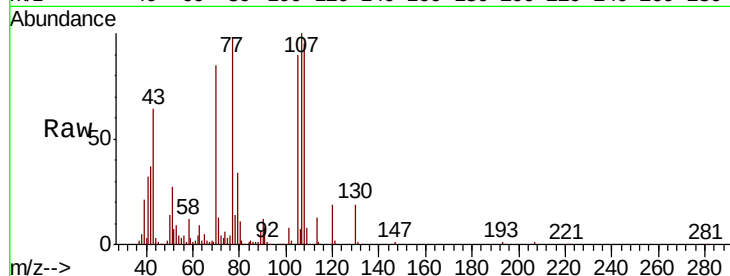




#19
n-Nitroso-di-n-propylamine
Concen: 42.219 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	147389
Ion	Ratio	Lower	Upper
70	100		
42	43.3	34.0	51.0
101	10.0	7.8	11.6
130	22.3	17.8	26.8



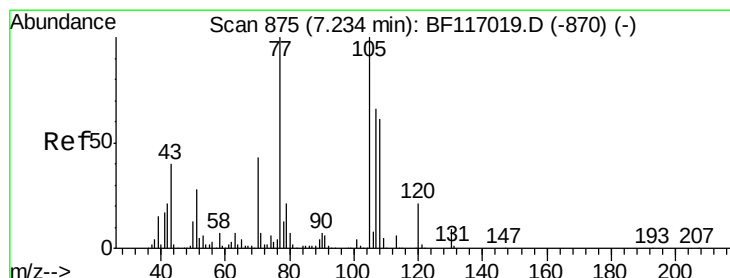
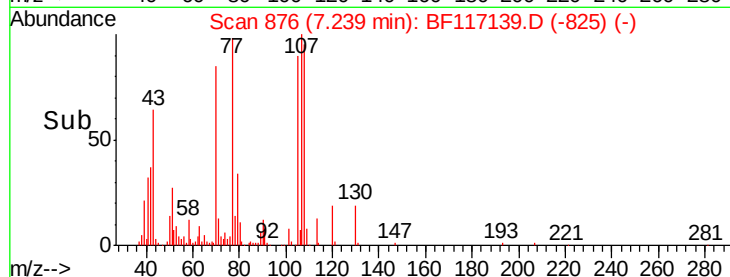
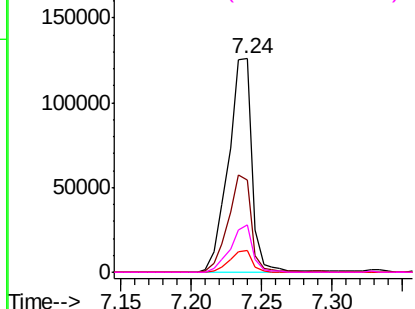
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

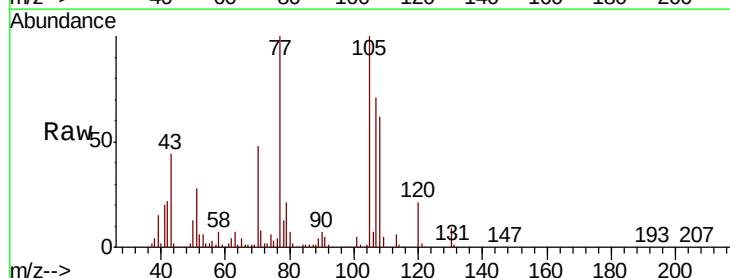
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.064 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:	107	Resp:	210152
Ion	Ratio	Lower	Upper
107	100		
108	86.2	72.6	112.6
77	140.1	132.1	172.1
79	29.0	12.1	52.1



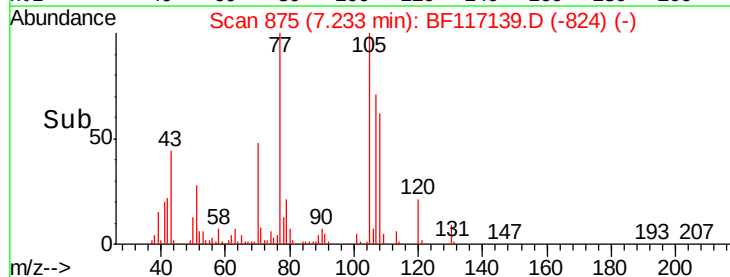
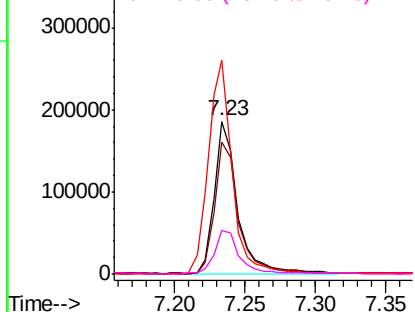
Abundance

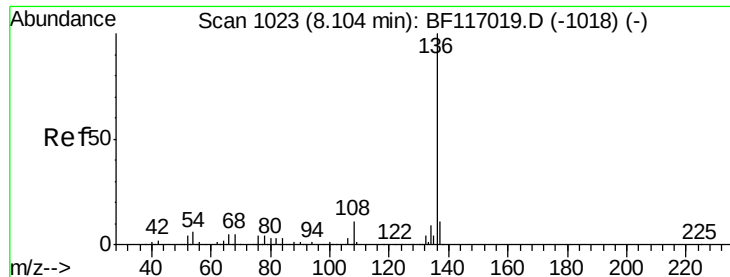
Ion 107.00 (106.70 to 107.70): E

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

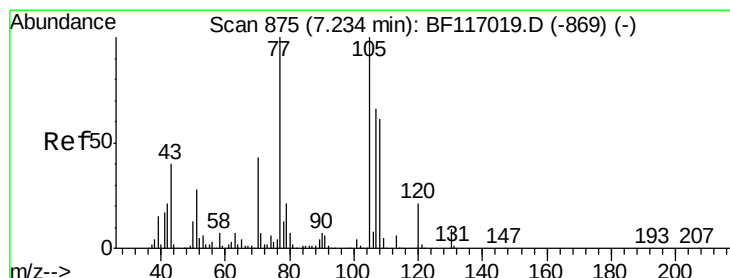
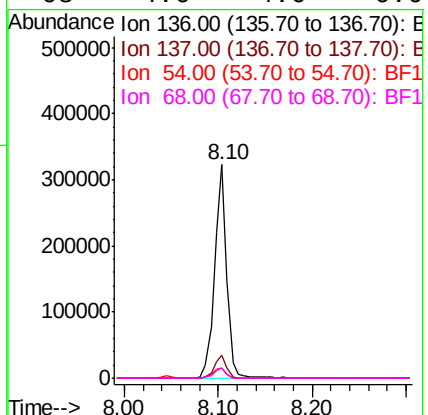
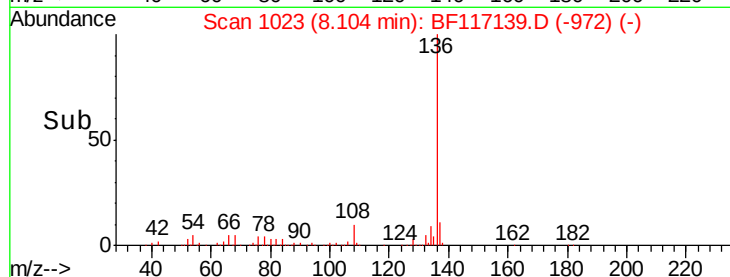
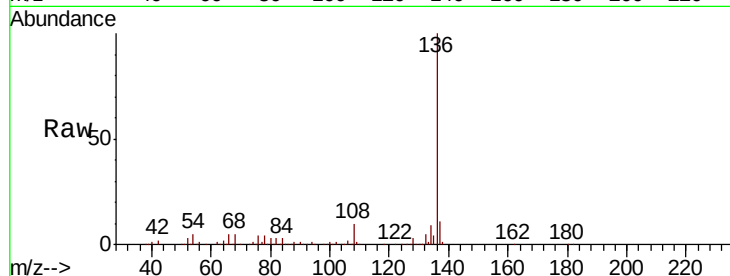




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

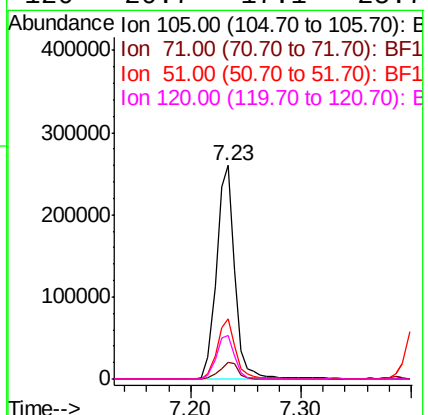
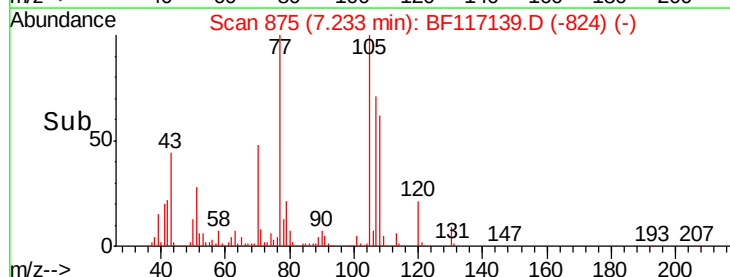
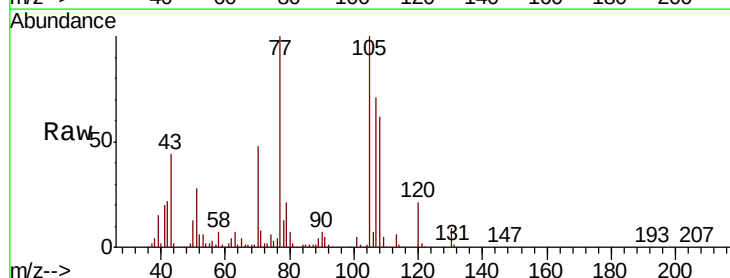
Instrument :
BNA_F
ClientSampleId :

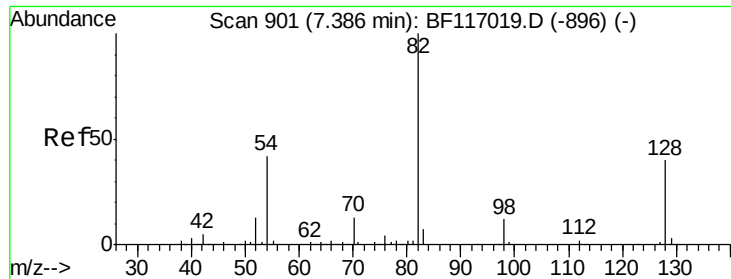
Tot Ion:136	Resp:	295333	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.0	13.4	
54 5.1	4.5	6.7	
68 4.6	4.0	6.0	



#22
Acetophenone
Concen: 39.860 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:105	Resp:	299086
Ion Ratio	Lower	Upper
105 100		
71 7.8	5.7	8.5
51 28.0	22.1	33.1
120 20.7	17.1	25.7

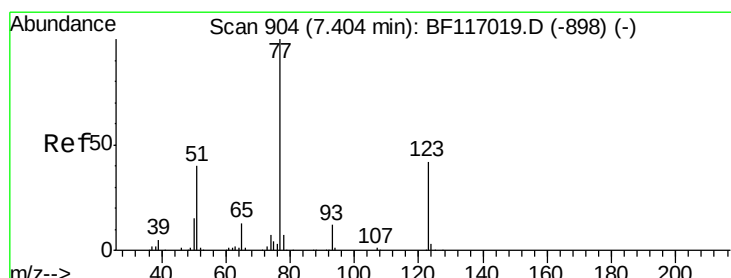
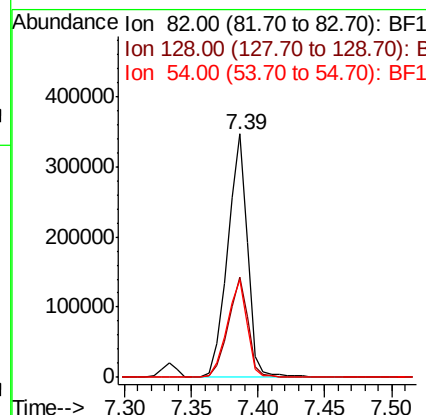
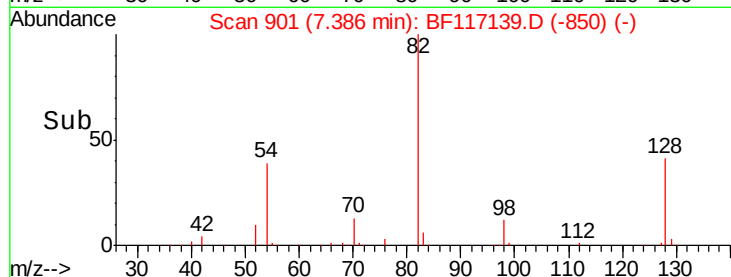
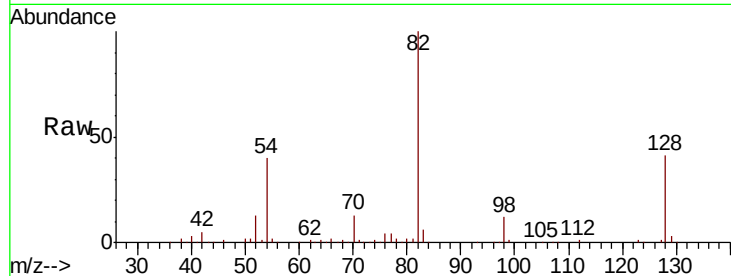




#23
 Nitrobenzene-d5
 Concen: 65.328 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

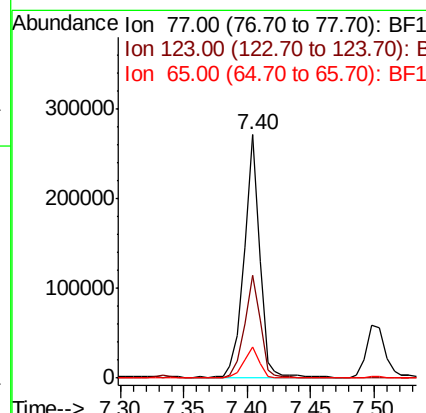
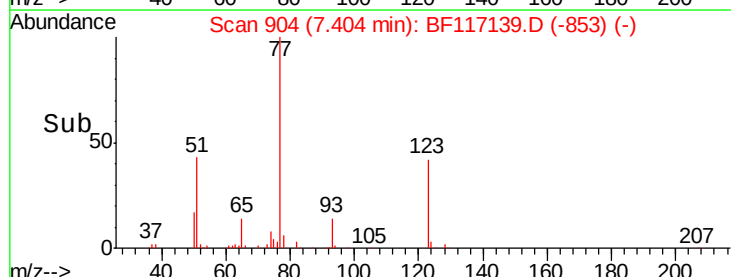
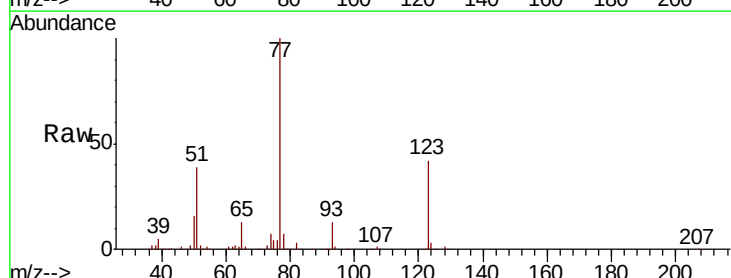
Instrument :
 BNA_F
 ClientSampleId :

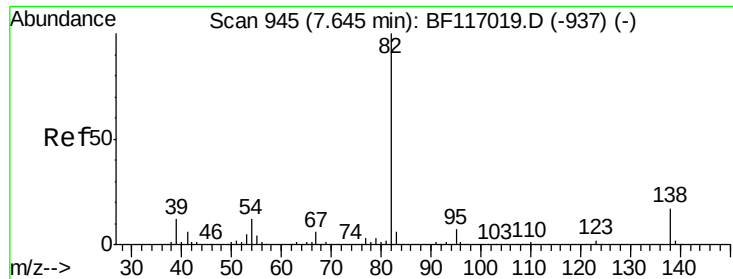
Tot Ion	82	Resp	367200
Ion Ratio	100	Lower	Upper
128	41.1	32.3	48.5
54	40.3	33.3	49.9



#24
 Nitrobenzene
 Concen: 41.138 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	77	Resp	228346
Ion Ratio	100	Lower	Upper
123	42.4	33.5	50.3
65	12.7	10.5	15.7

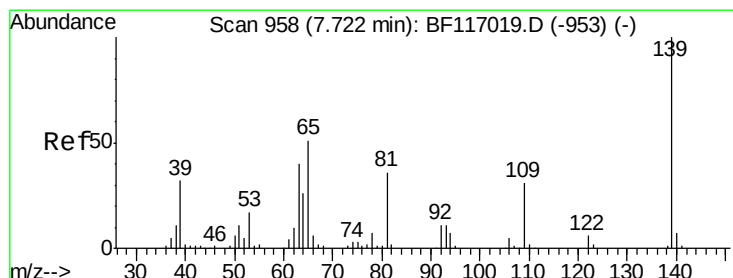
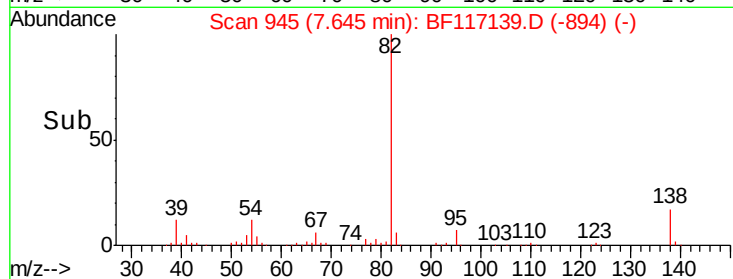
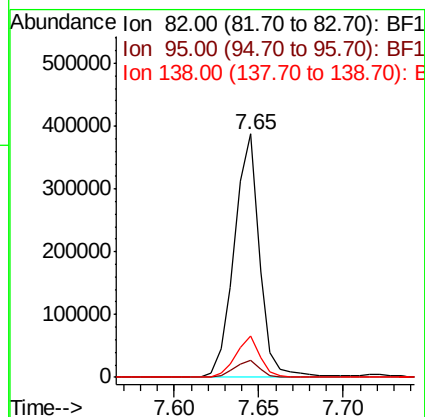
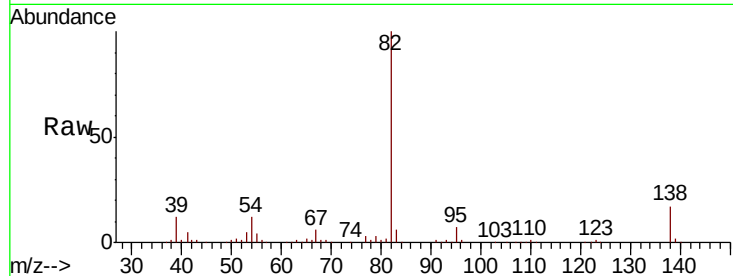




#25
Isophorone
Concen: 40.661 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

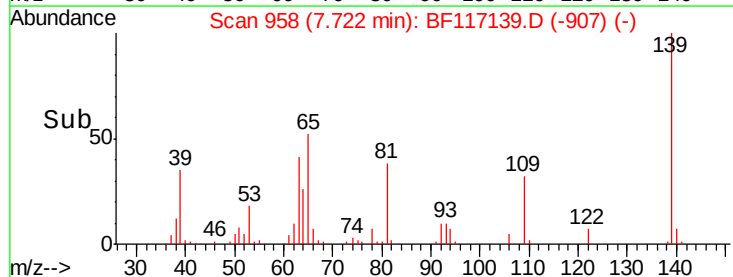
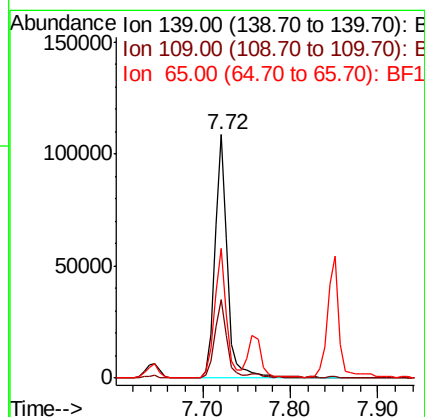
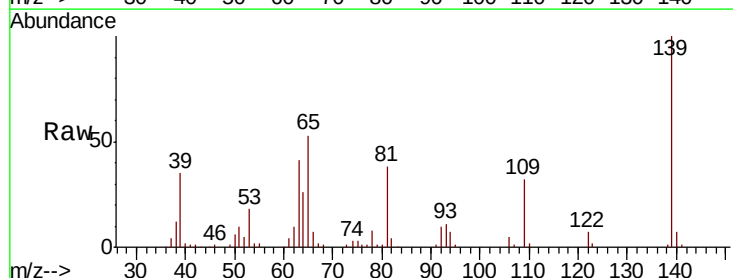
Instrument :
BNA_F
ClientSampled :

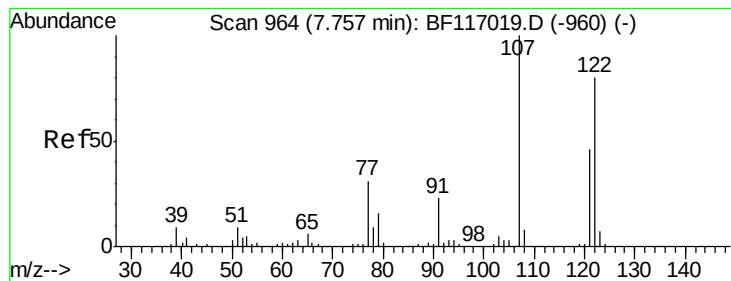
Tot Ion: 82 Resp: 404669
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.1 13.5 20.3



#26
2-Nitrophenol
Concen: 45.267 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion: 139 Resp: 107928
Ion Ratio Lower Upper
139 100
109 32.0 24.6 36.8
65 53.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.787 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

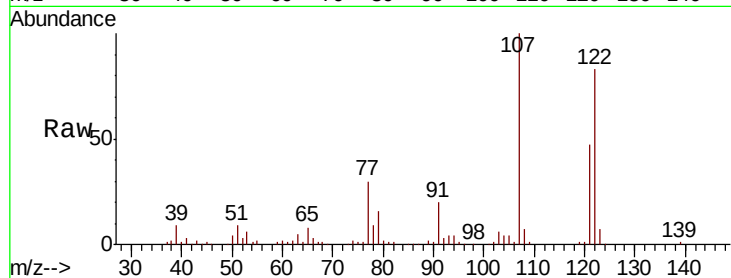
Tot Ion:122 Resp: 176900

Ion Ratio Lower Upper

122 100

107 121.2 98.9 148.3

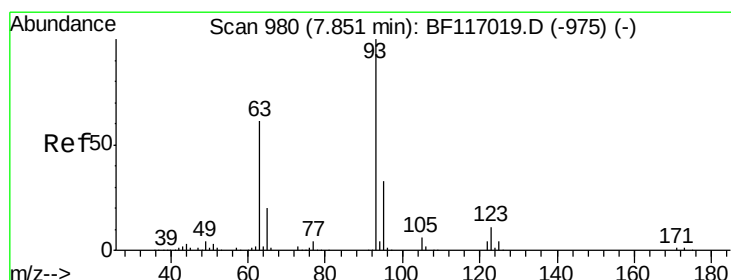
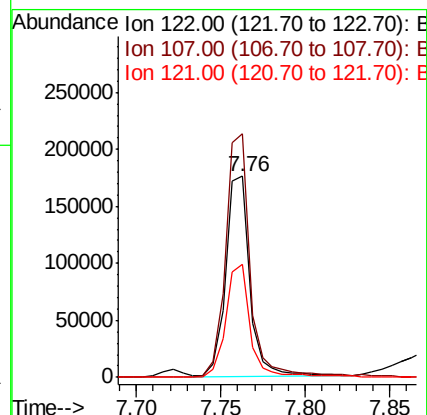
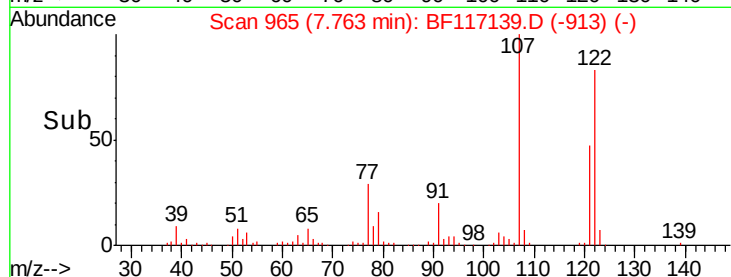
121 56.4 45.3 67.9



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: 39.990 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

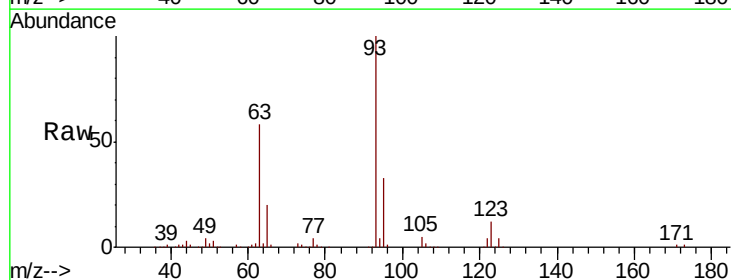
Tgt Ion: 93 Resp: 245204

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

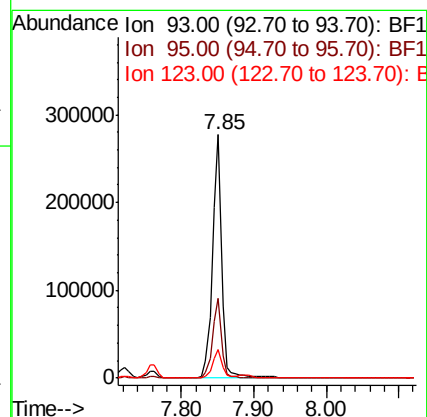
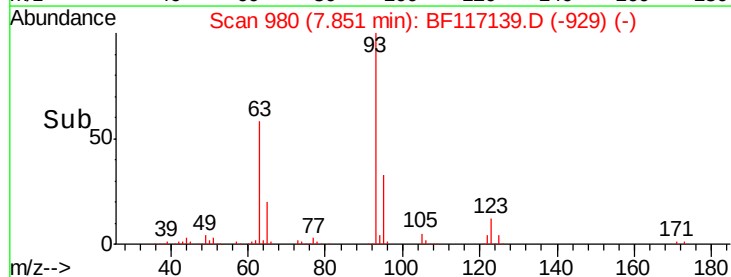
123 11.8 9.0 13.6

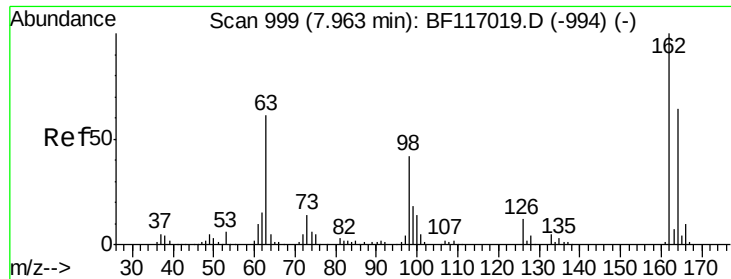


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

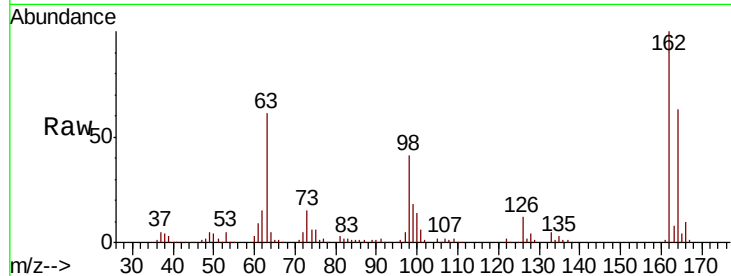




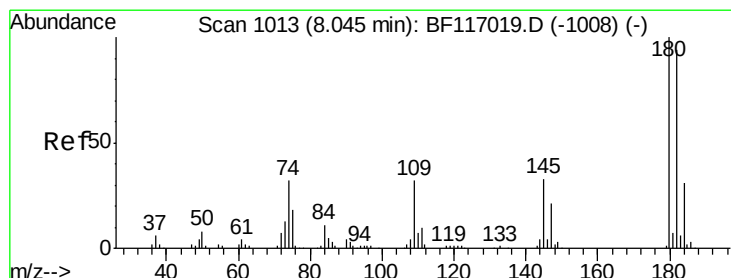
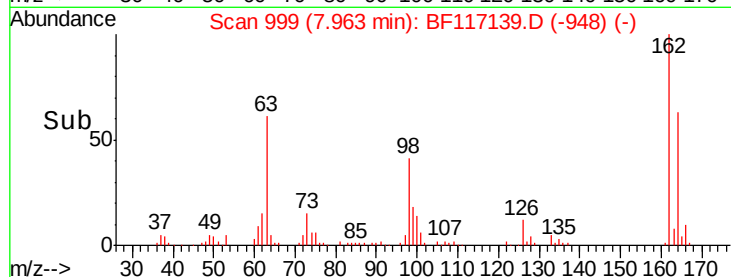
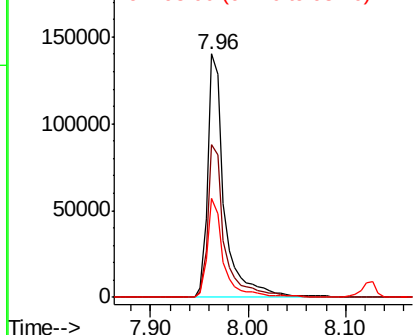
#29
 2,4-Dichlorophenol
 Concen: 42.317 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.8	83.8
98	40.9	22.1	62.1

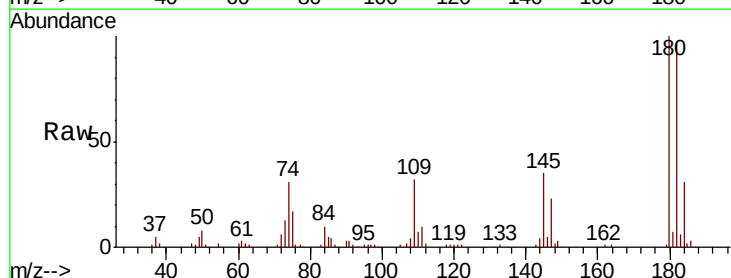


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

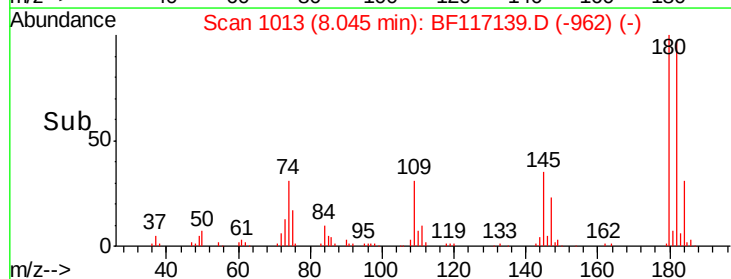
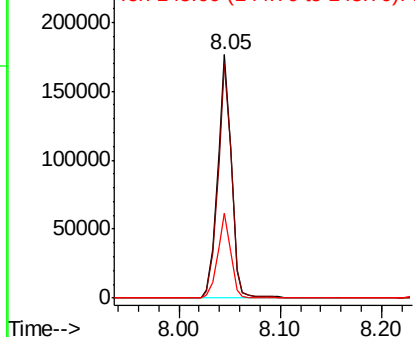


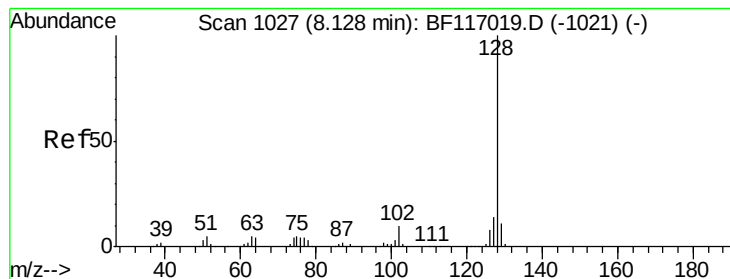
#30
 1,2,4-Trichlorobenzene
 Concen: 38.745 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.0
145	35.0	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: 40.933 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

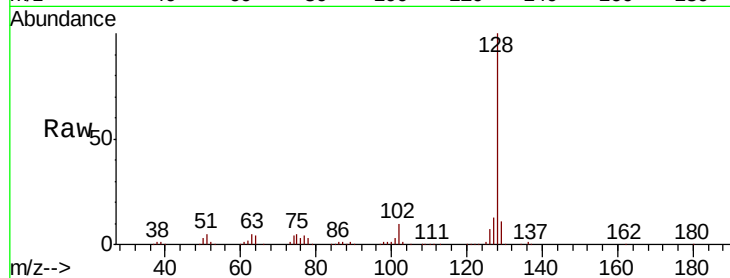
Tot Ion:128 Resp: 581393

Ion Ratio Lower Upper

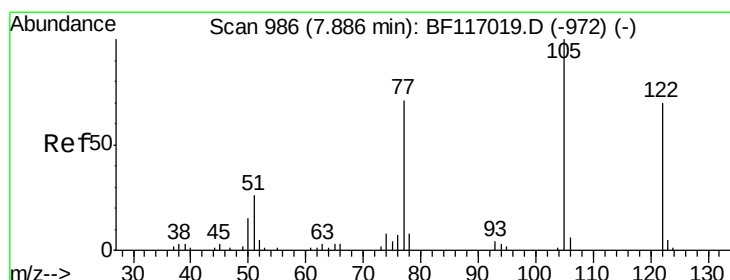
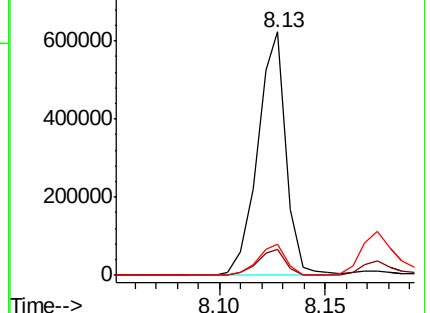
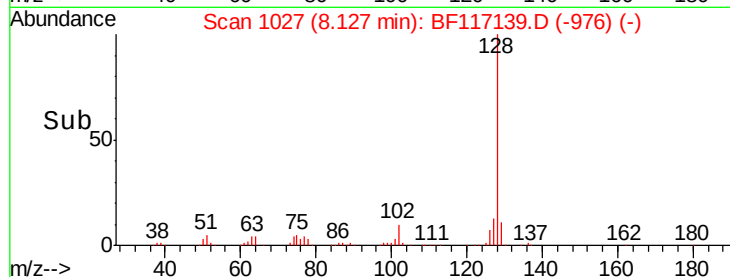
128 100

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: 30.700 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

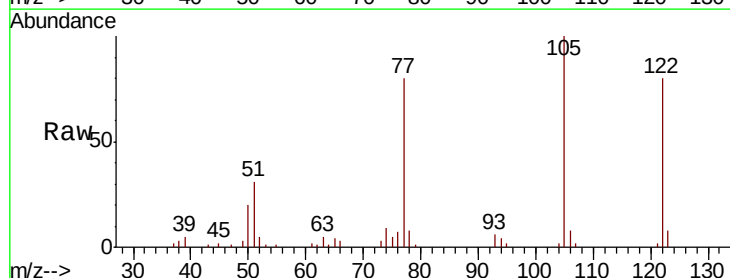
Tgt Ion:122 Resp: 79780

Ion Ratio Lower Upper

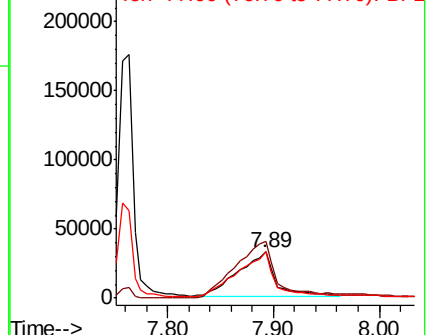
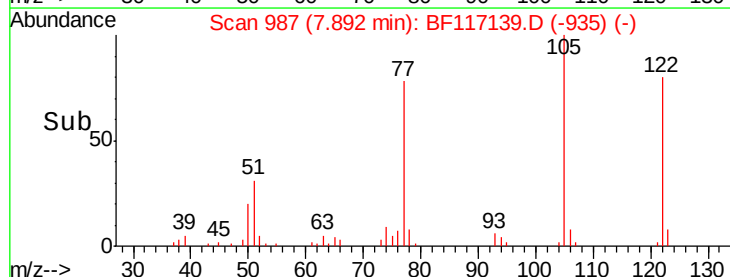
122 100

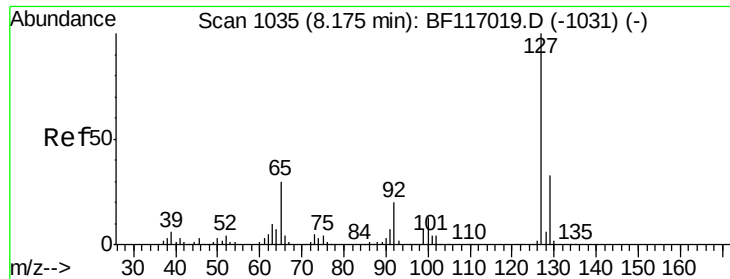
105 124.6 114.8 154.8

77 100.0 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

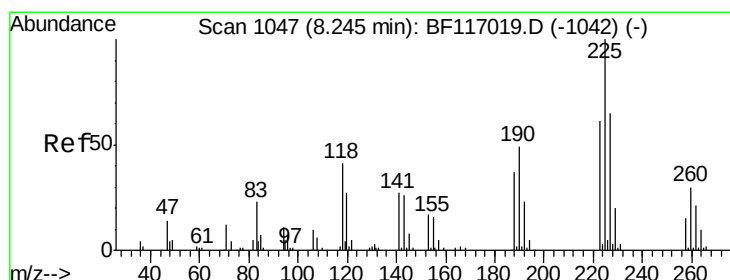
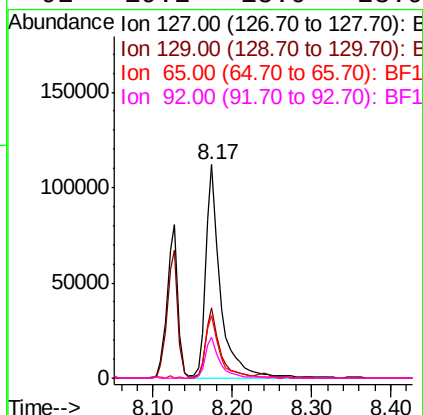
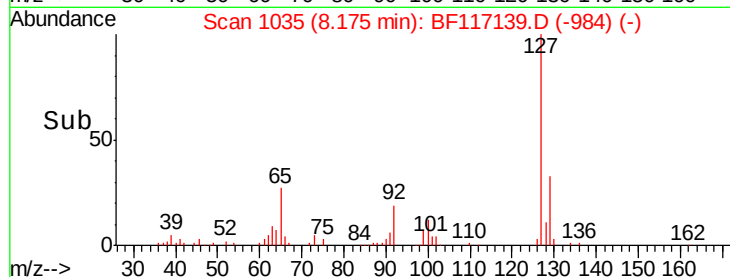
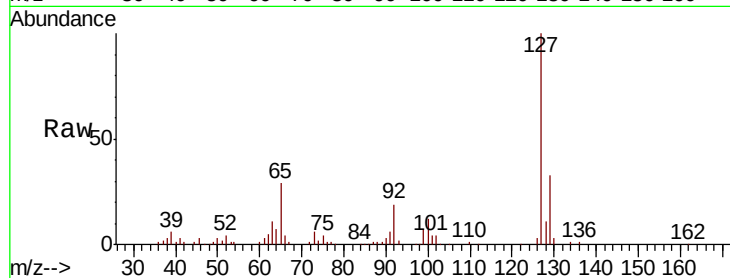




#33
4-Chloroaniline
Concen: 23.135 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

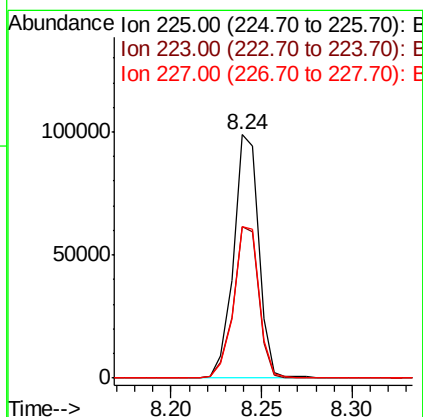
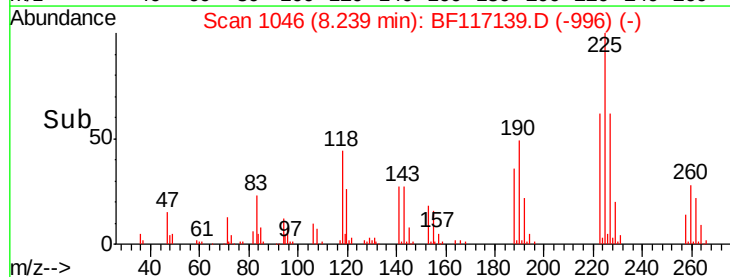
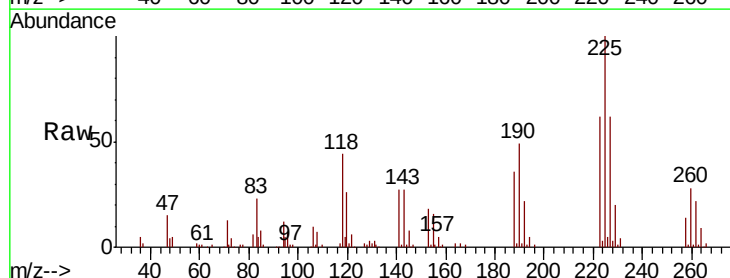
Instrument :
BNA_F
ClientSampleId :

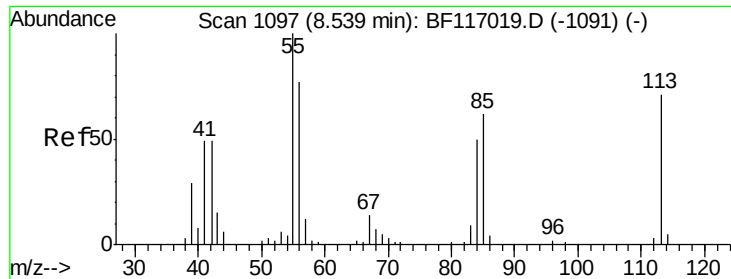
Tot Ion:	127	Resp:	145744
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	29.2	23.5	35.3
92	19.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.348 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:	225	Resp:	95550
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.1	73.7
227	62.3	52.2	78.2

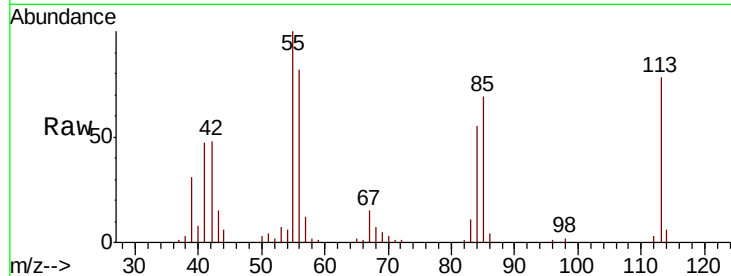




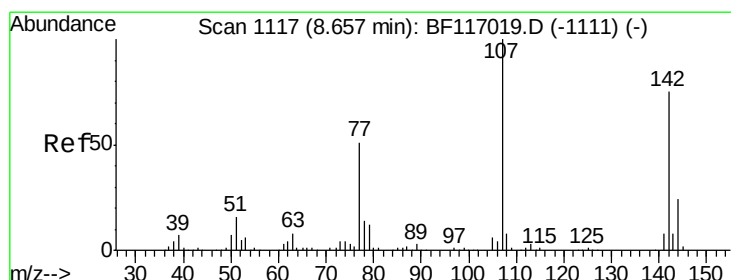
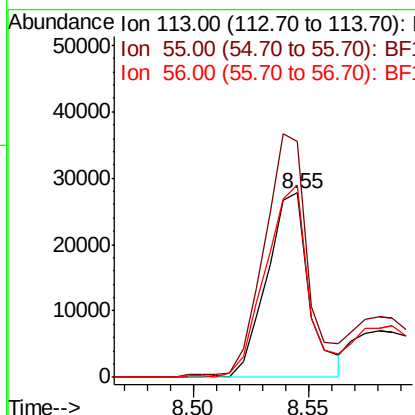
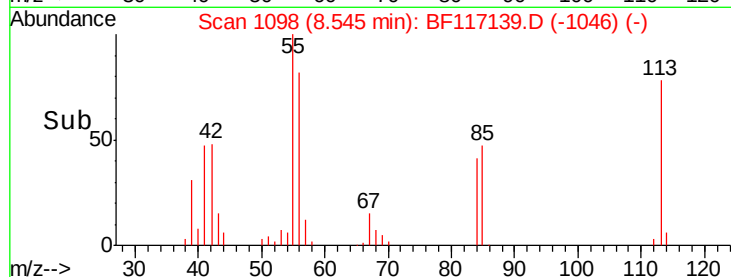
#35
 Caprolactam
 Concen: 26.204 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 35138
 Ion Ratio Lower Upper
 113 100
 55 127.8 120.6 160.6
 56 104.3 88.8 128.8

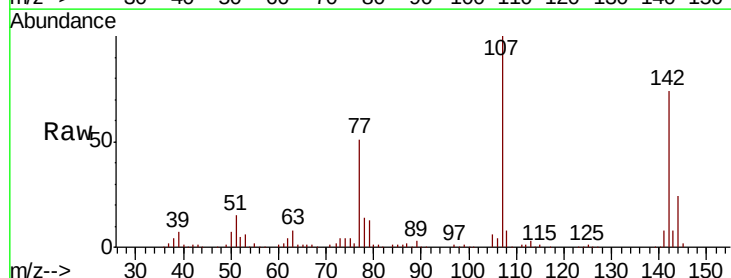


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

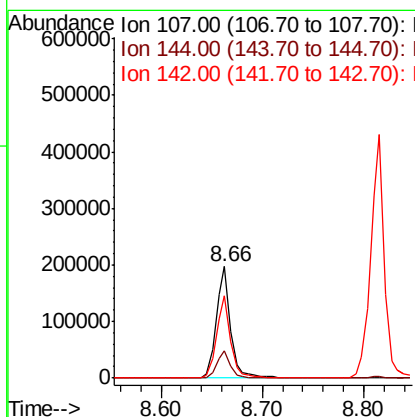
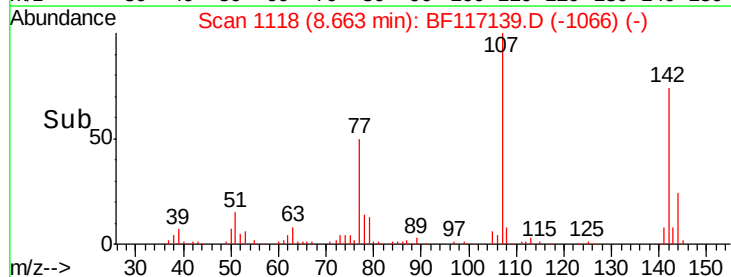


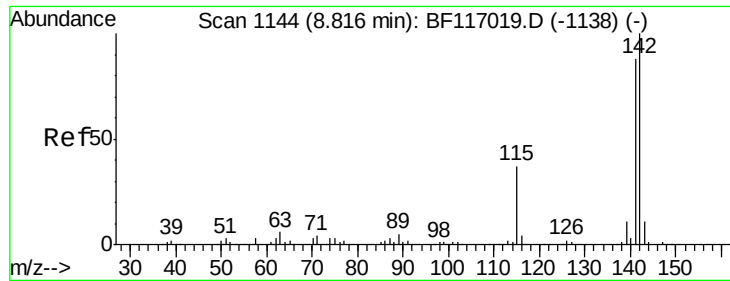
#36
 4-Chloro-3-methylphenol
 Concen: 42.225 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:107 Resp: 195056
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.2 28.8
 142 73.6 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

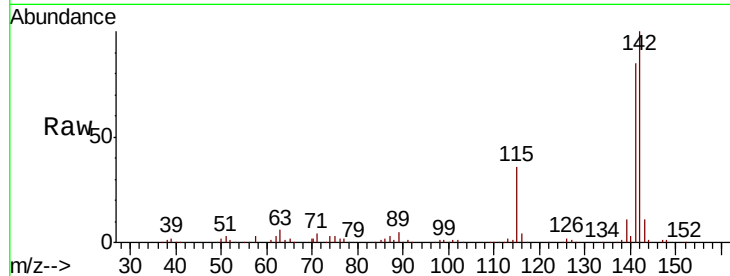




#37
2-Methylnaphthalene
Concen: 42.060 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.7	106.1
115	36.0	29.4	44.0

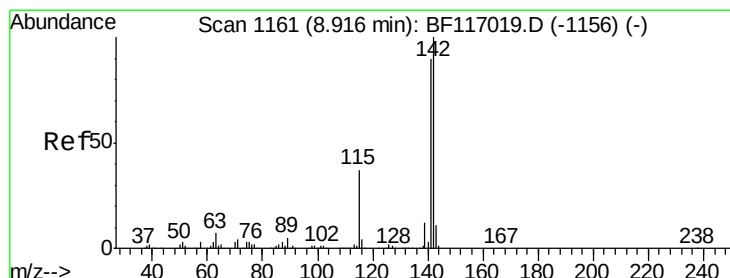
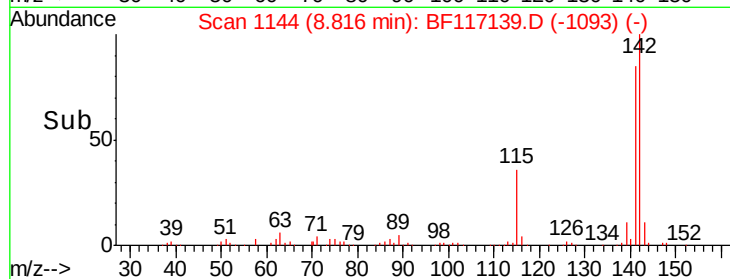
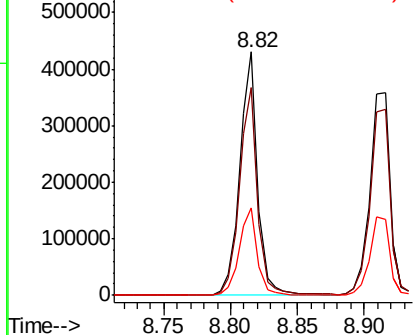


Abundance

Ion 142.00 (141.70 to 142.70): E

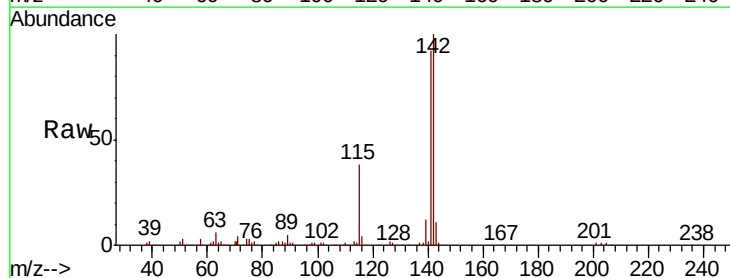
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.473 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
116	3.6	3.2	4.8

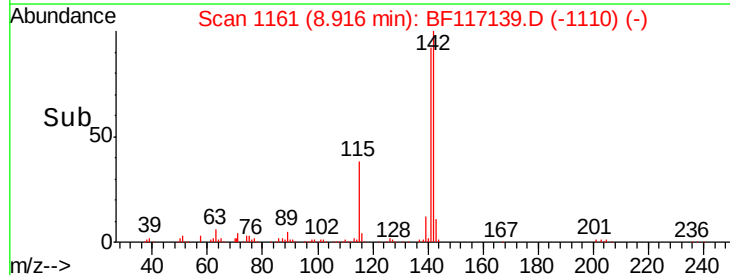
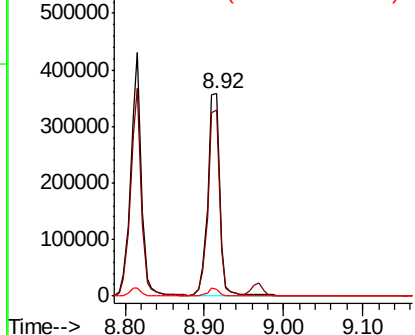


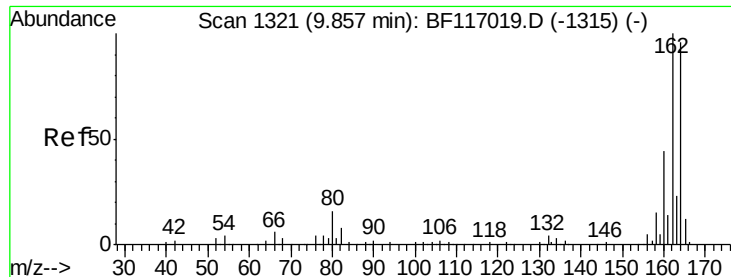
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

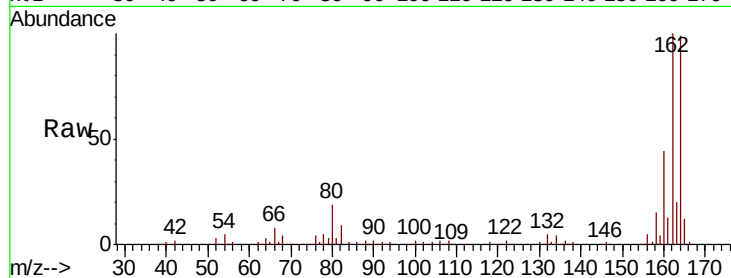
Tot Ion:164 Resp: 154745

Ion Ratio Lower Upper

164 100

162 101.3 83.4 125.2

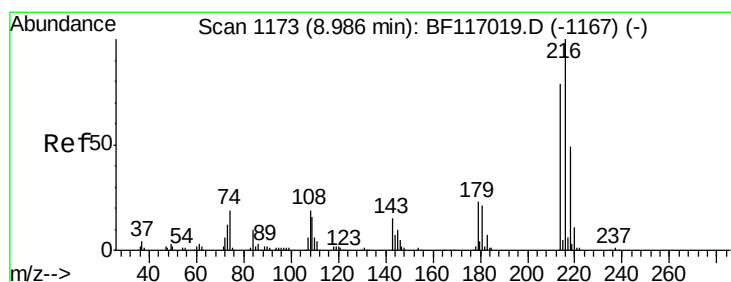
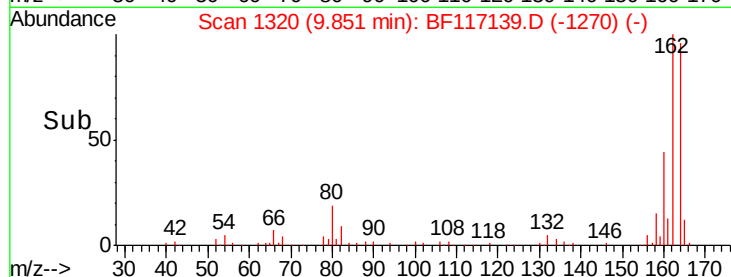
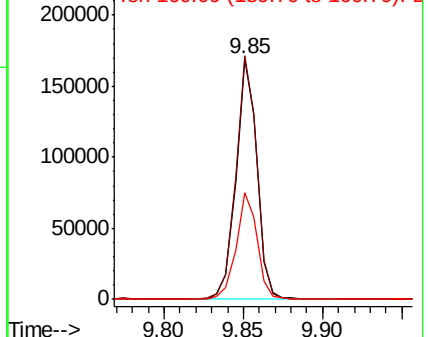
160 44.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.238 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:216 Resp: 156791

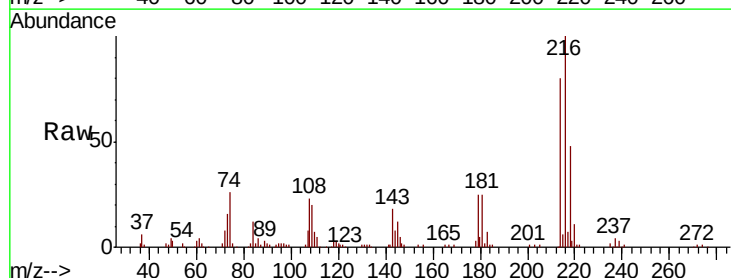
Ion Ratio Lower Upper

216 100

214 78.9 63.6 95.4

179 23.2 18.3 27.5

108 24.2 17.8 26.6

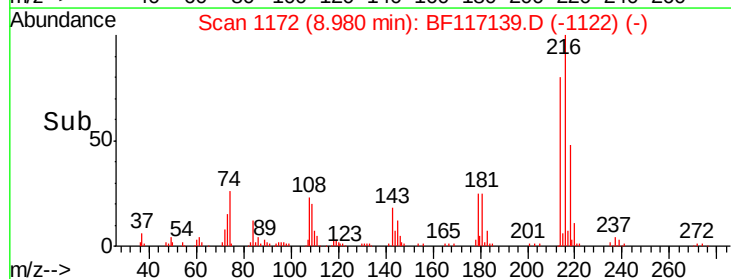
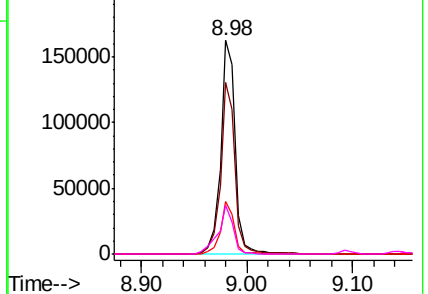


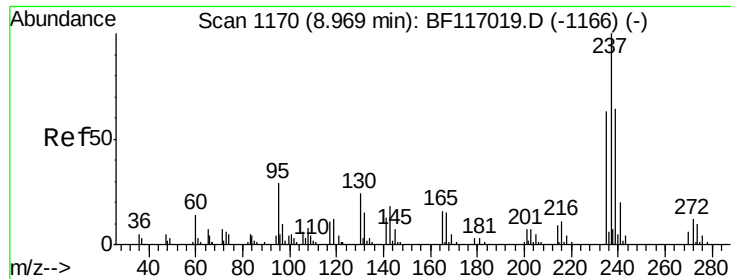
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

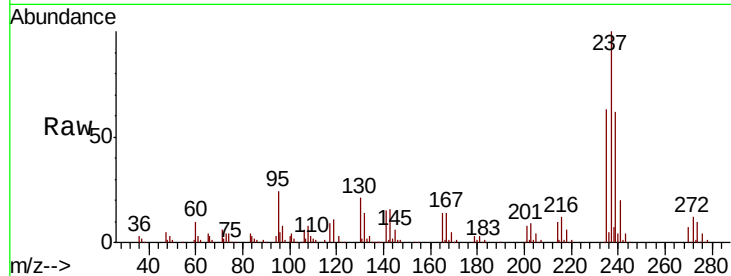




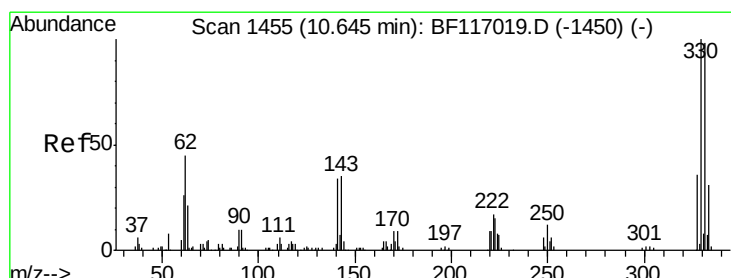
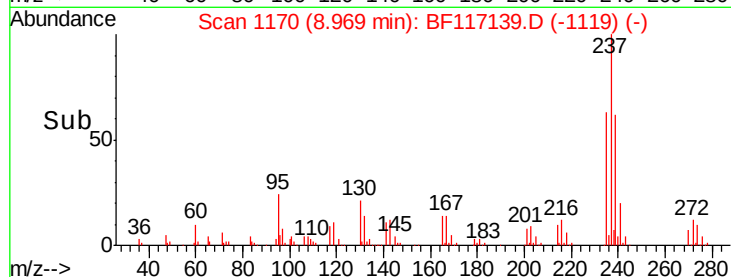
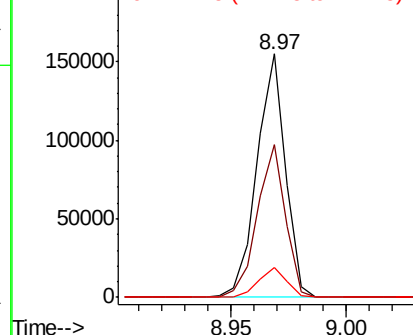
#41
Hexachlorocyclopentadiene
Concen: 76.002 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 133474
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 12.4 0.0 31.9

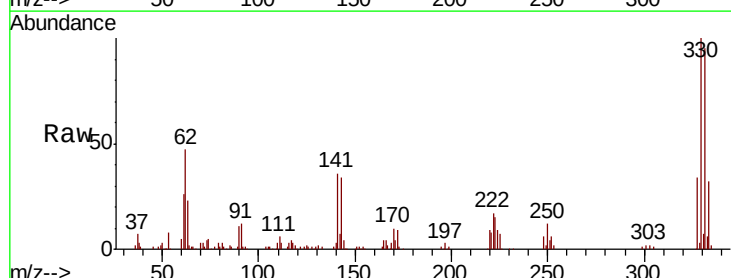


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

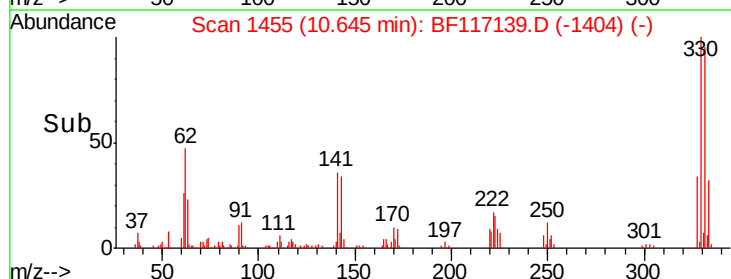
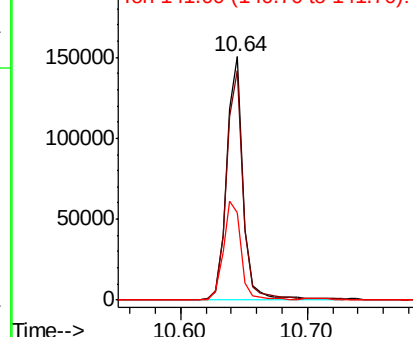


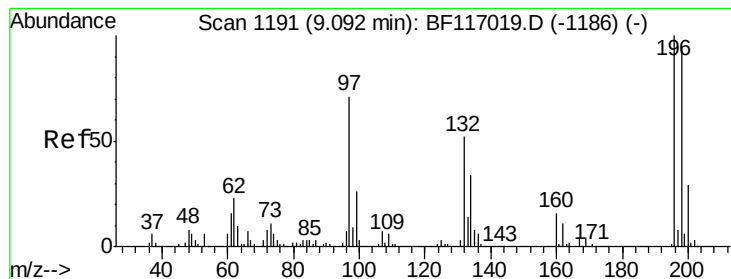
#42
2,4,6-Tribromophenol
Concen: 106.075 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:330 Resp: 137188
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 43.8 35.8 53.6



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





#43

2,4,6-Trichlorophenol

Concen: 39.315 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampled :

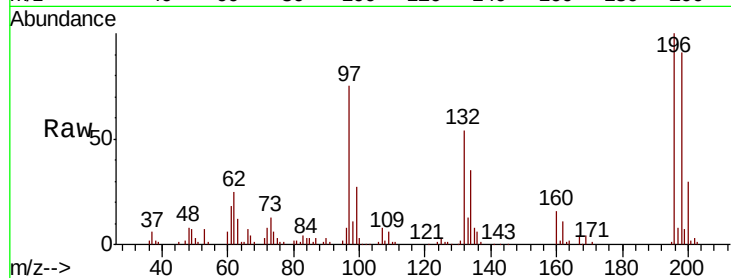
Tot Ion:196 Resp: 106613

Ion Ratio Lower Upper

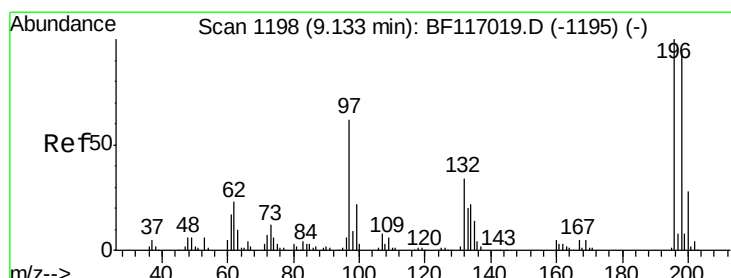
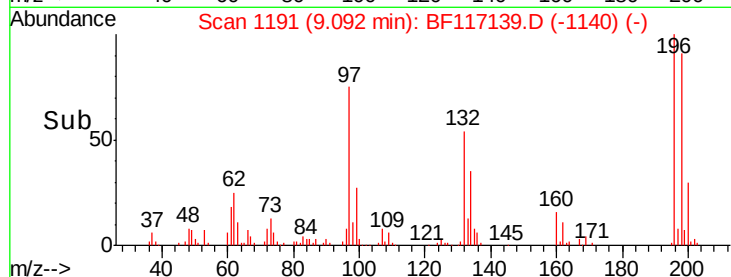
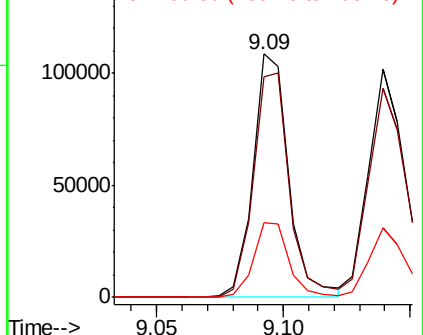
196 100

198 90.7 75.7 113.5

200 30.5 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: 40.028 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:196 Resp: 115971

Ion Ratio Lower Upper

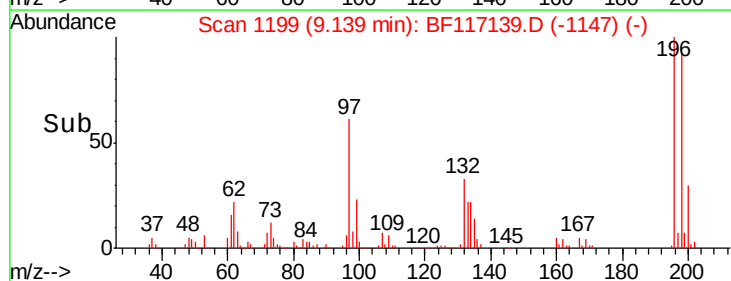
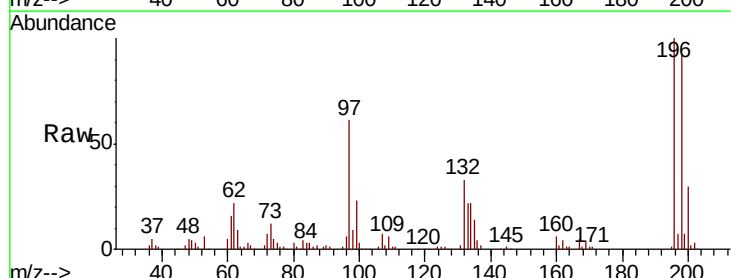
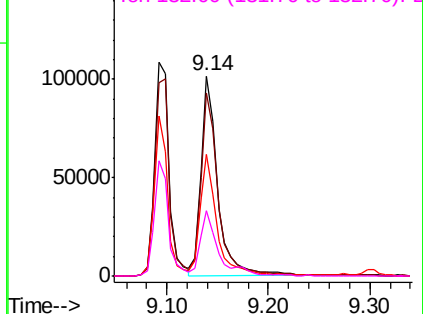
196 100

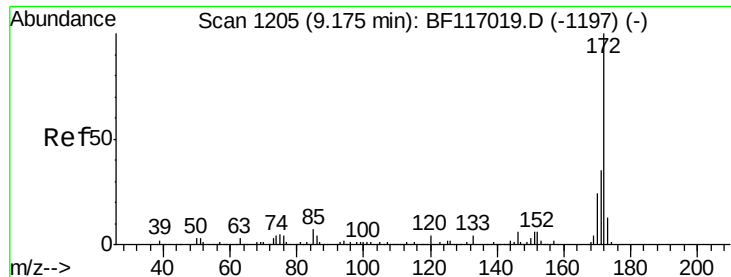
198 91.6 74.6 112.0

97 60.9 49.5 74.3

132 32.6 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

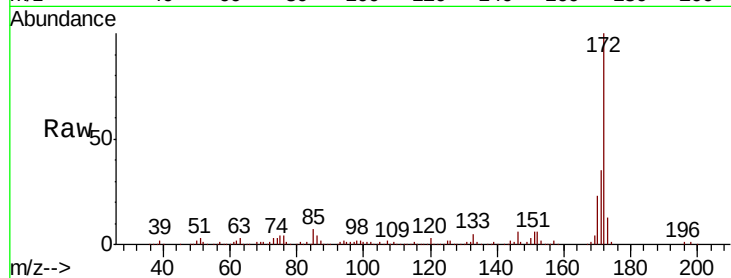




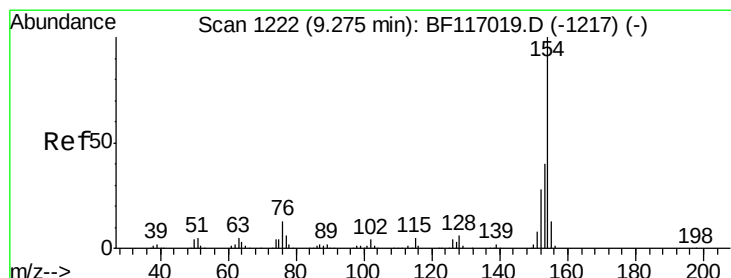
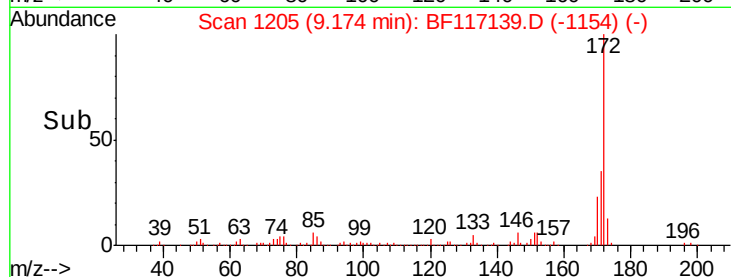
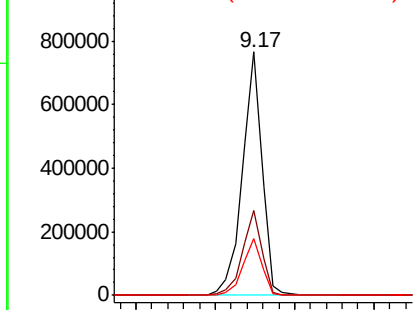
#45
2-Fluorobiphenyl
Concen: 66.307 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 656230
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.5 18.9 28.3

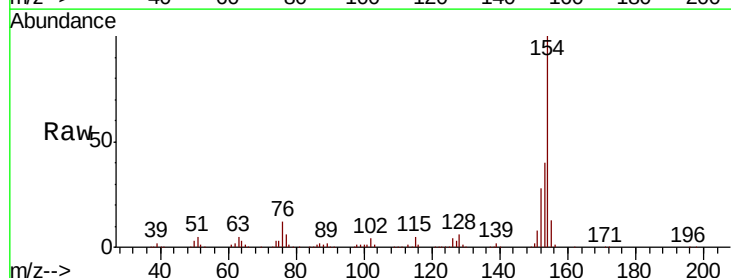


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

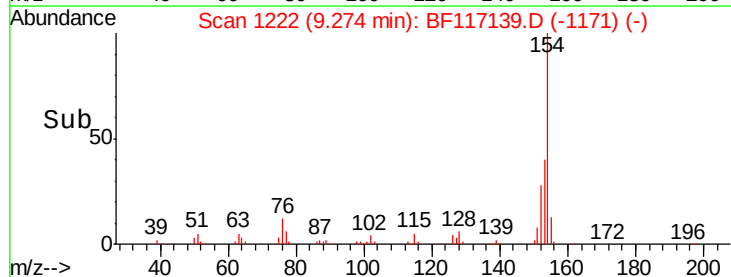
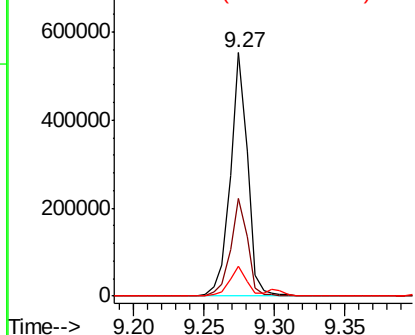


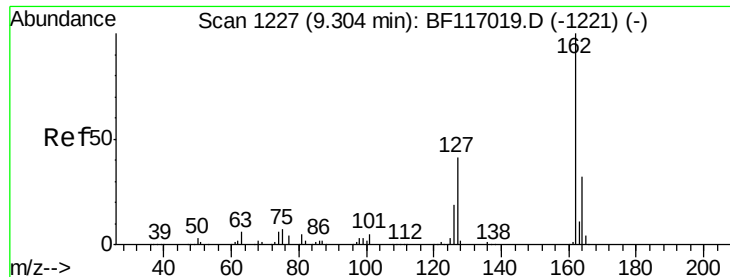
#46
1,1'-Biphenyl
Concen: 38.806 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:154 Resp: 471040
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 12.0 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

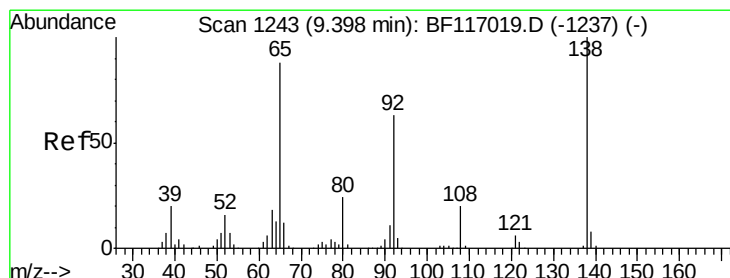
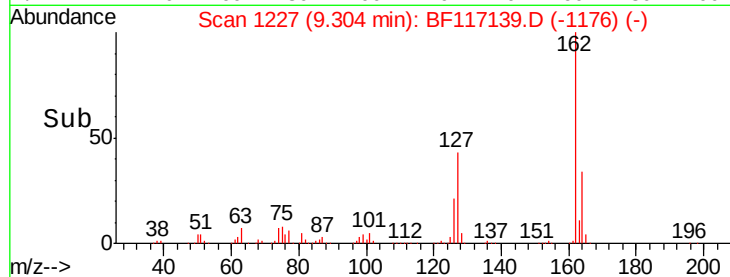
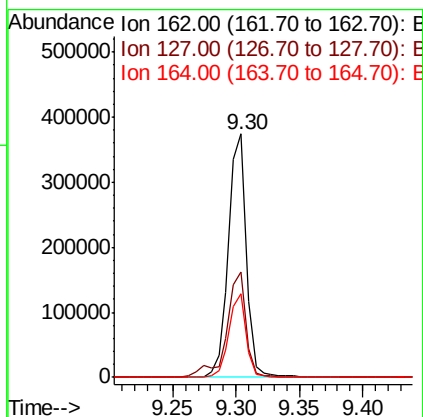
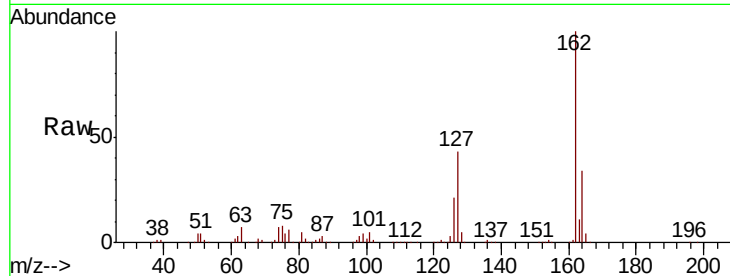




#47
 2-Chloronaphthalene
 Concen: 38.367 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

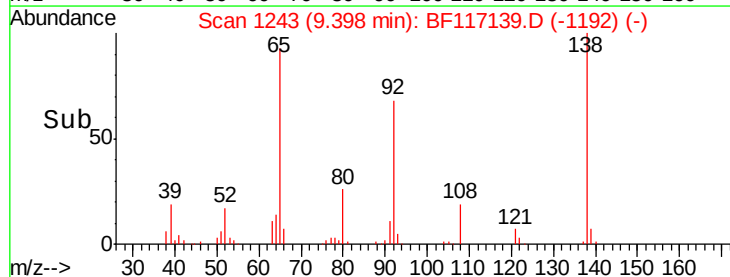
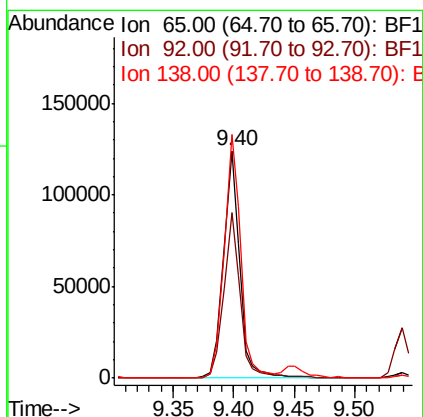
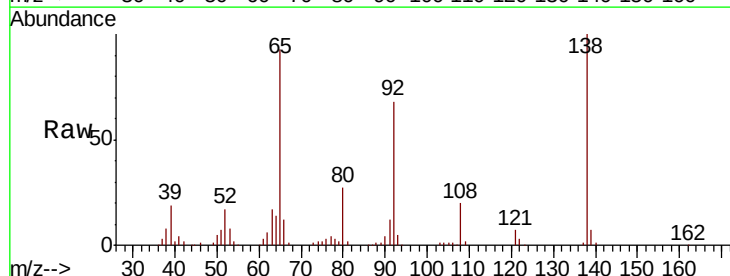
Instrument :
 BNA_F
 ClientSampled :

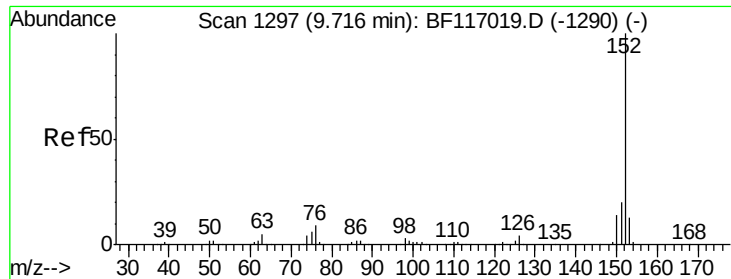
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.1	51.1
164	34.3	25.9	38.9



#48
 2-Nitroaniline
 Concen: 37.740 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.5	86.3
138	107.2	90.6	136.0





#49

Acenaphthylene

Concen: 40.642 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

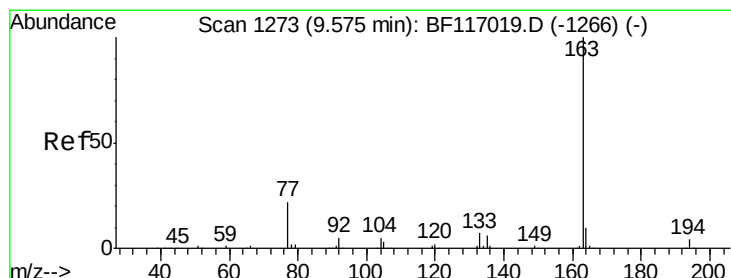
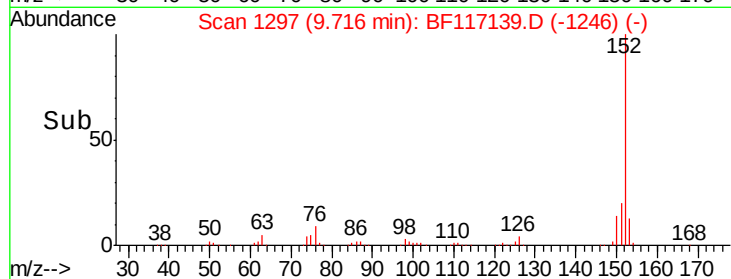
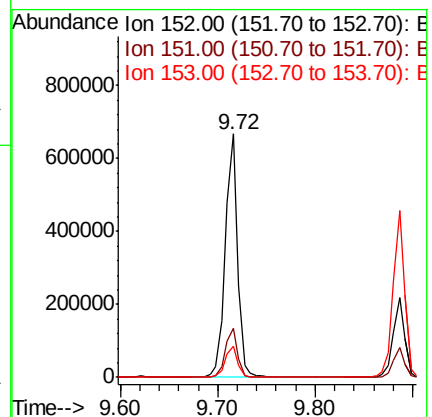
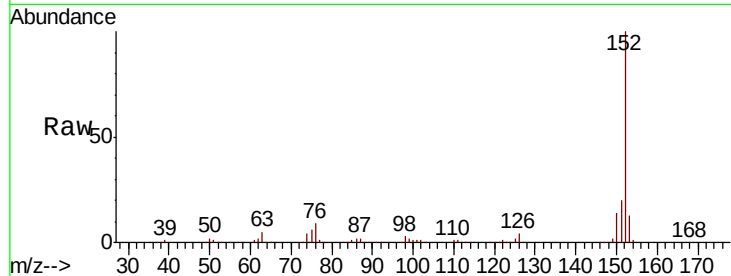
Tot Ion:152 Resp: 583248

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.7 10.2 15.4



#50

Dimethylphthalate

Concen: 38.992 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

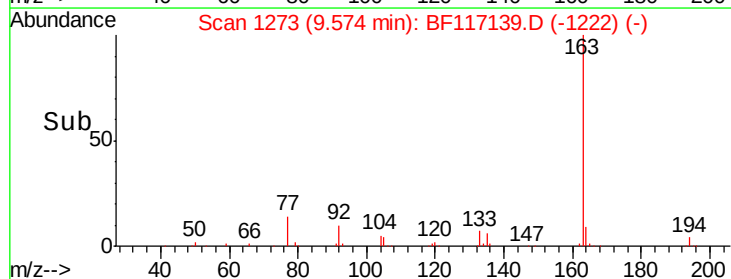
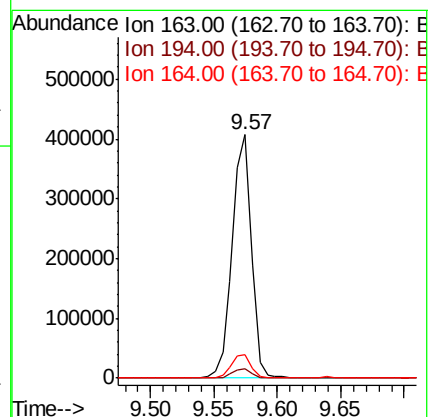
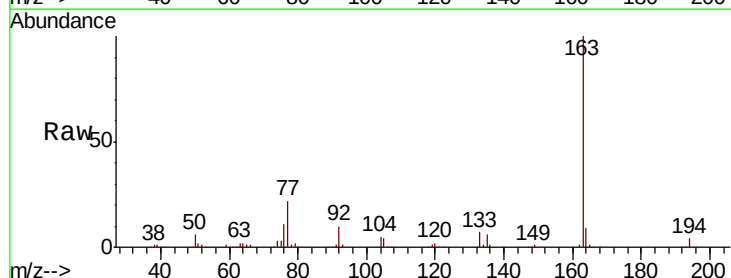
Tgt Ion:163 Resp: 427225

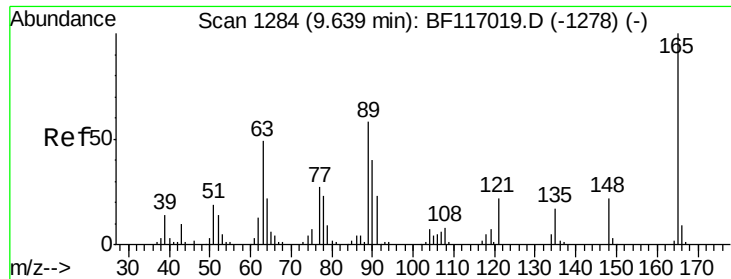
Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

164 9.5 8.2 12.4

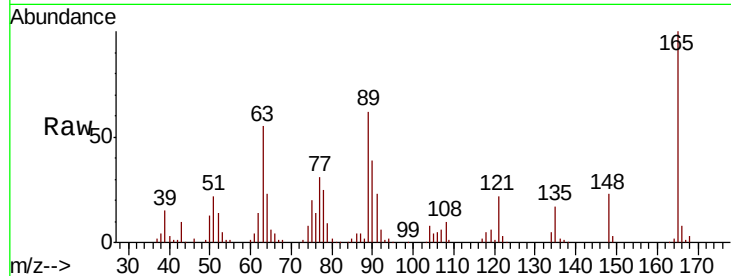




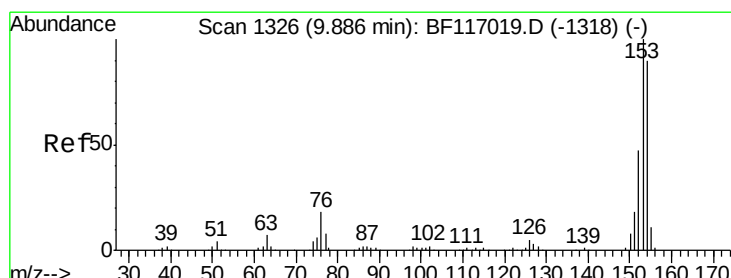
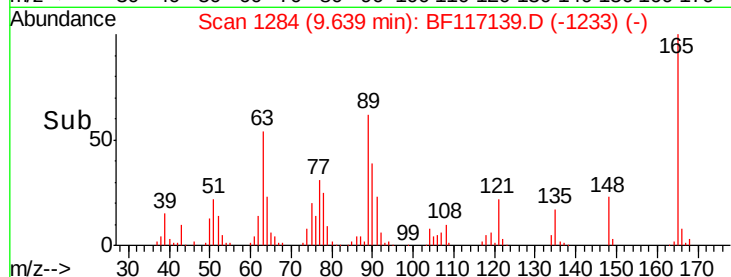
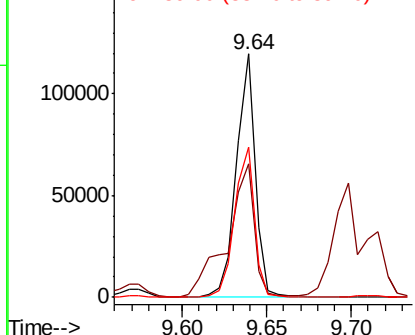
#51
2,6-Dinitrotoluene
Concen: 41.708 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 93072
Ion Ratio Lower Upper
165 100
63 54.8 41.8 62.8
89 61.5 46.5 69.7

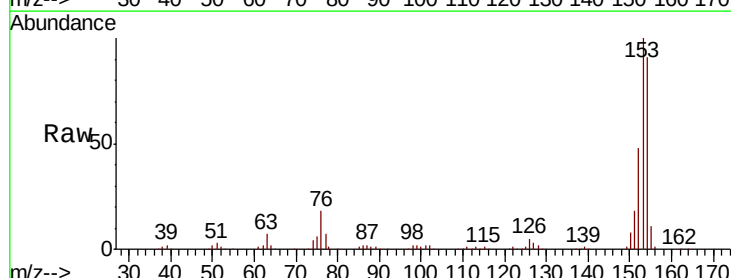


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

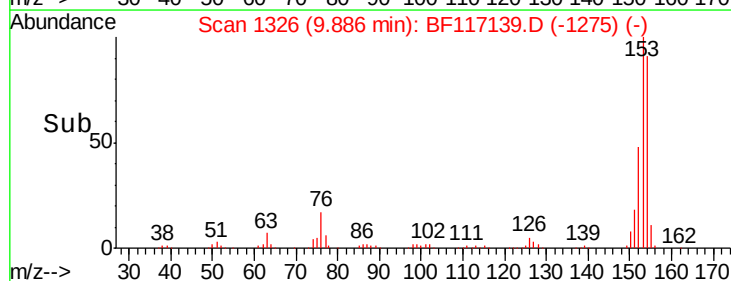
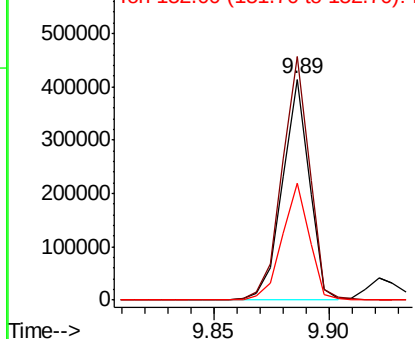


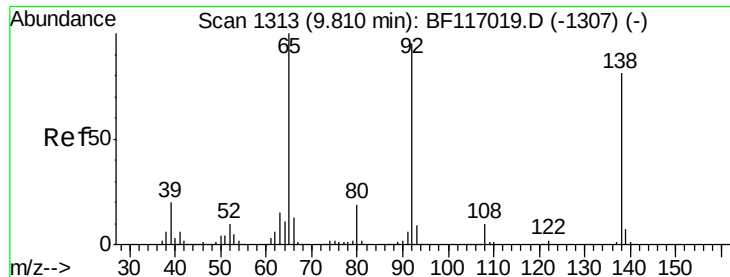
#52
Acenaphthene
Concen: 39.220 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:154 Resp: 333646
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.6
152 52.6 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

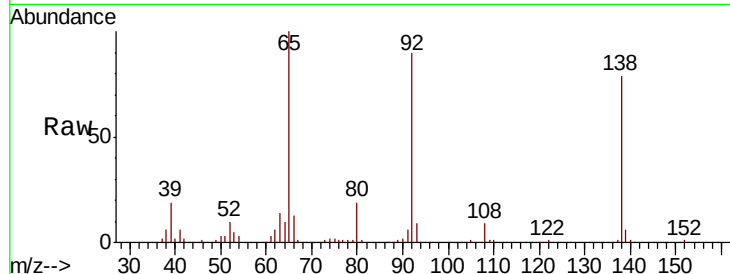




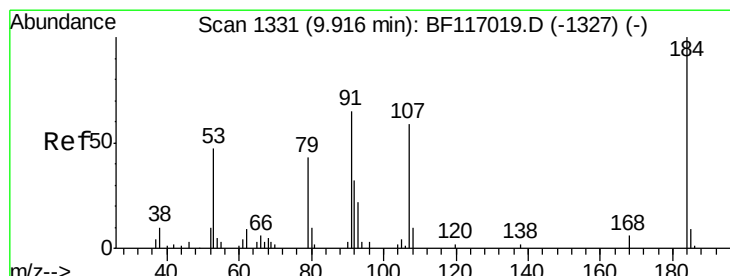
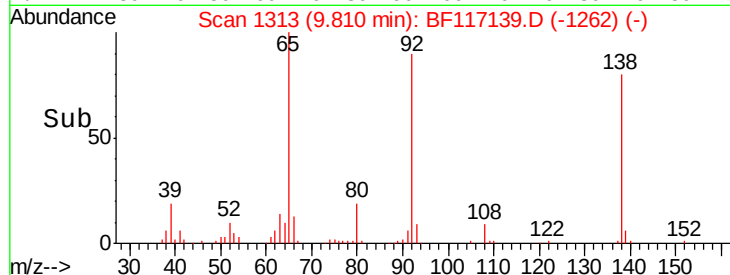
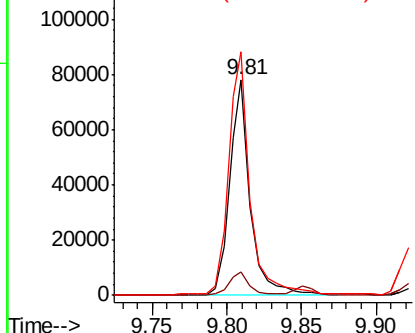
#53
3-Nitroaniline
Concen: 27.080 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 76244
Ion Ratio Lower Upper
138 100
108 11.0 9.5 14.3
92 113.0 94.1 141.1

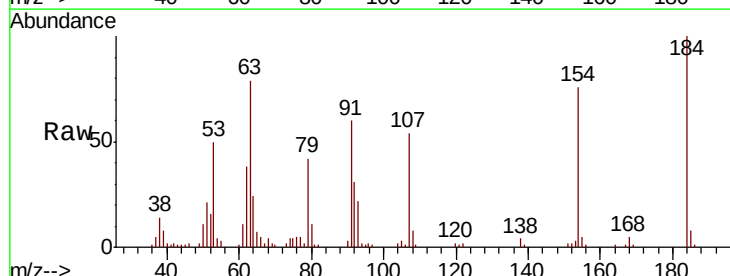


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

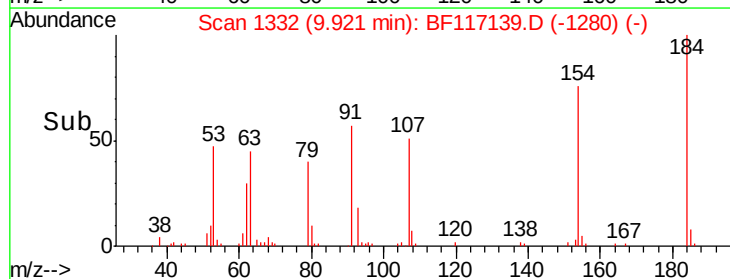
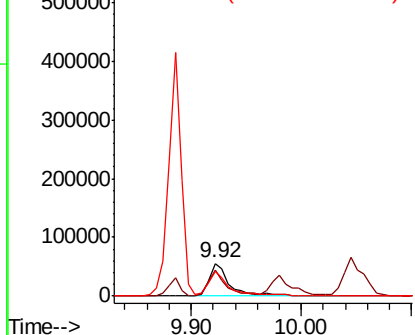


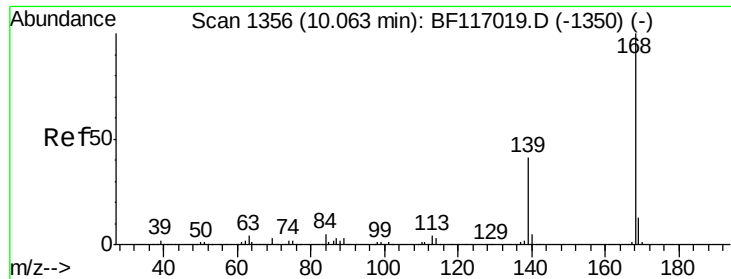
#54
2,4-Dinitrophenol
Concen: 74.962 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:184 Resp: 71602
Ion Ratio Lower Upper
184 100
63 79.2 63.8 95.6
154 75.8 60.4 90.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

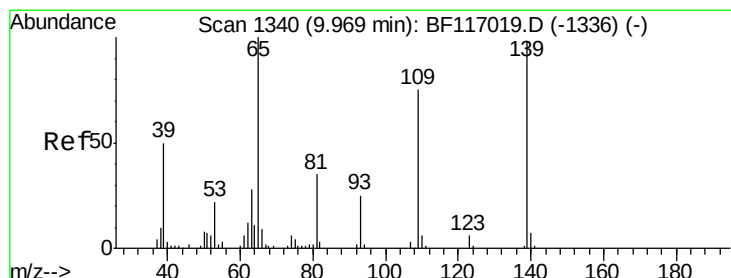
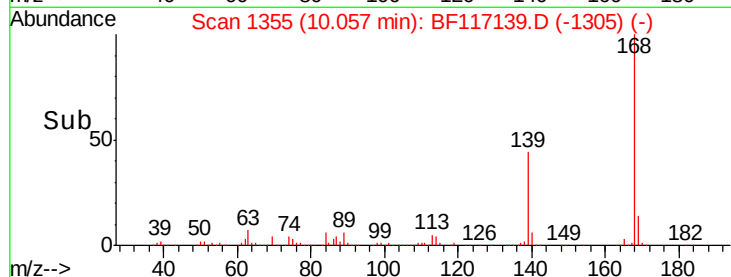
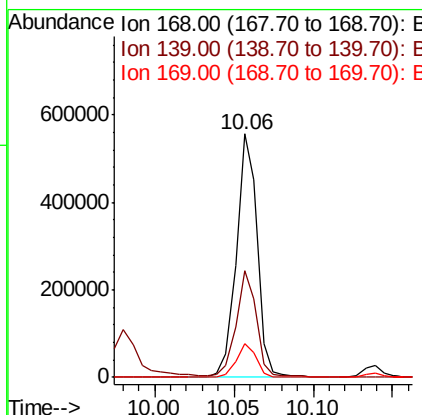
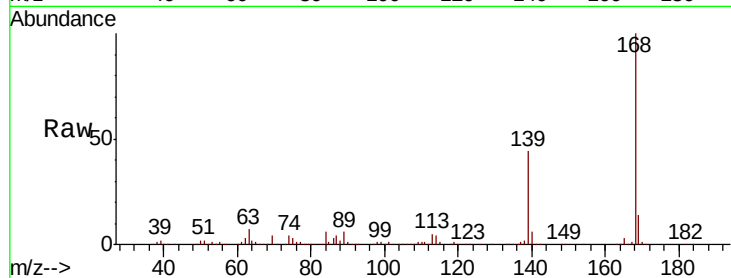




#55
Dibenzofuran
Concen: 40.410 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

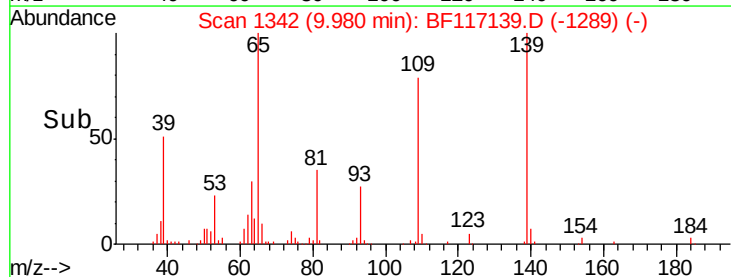
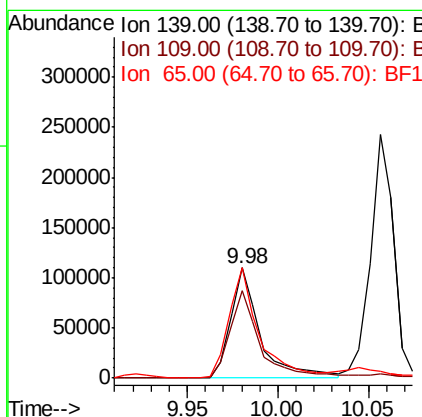
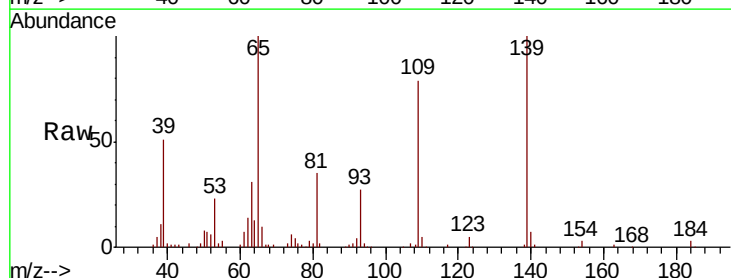
Instrument :
BNA_F
ClientSampleId :

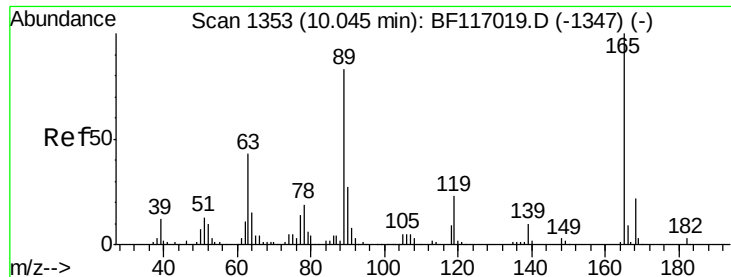
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.6	32.8	49.2
169	13.7	10.5	15.7



#56
4-Nitrophenol
Concen: 68.826 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.9	56.4	96.4
65	99.6	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 43.298 ng

RT: 10.04 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 125419

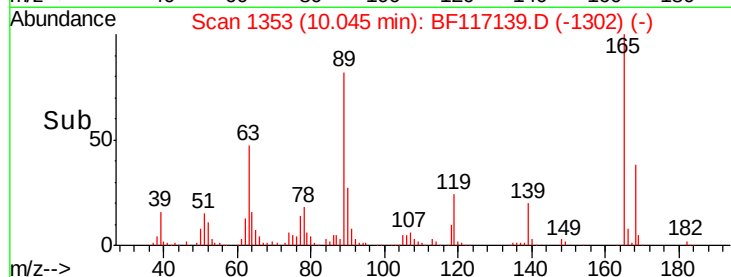
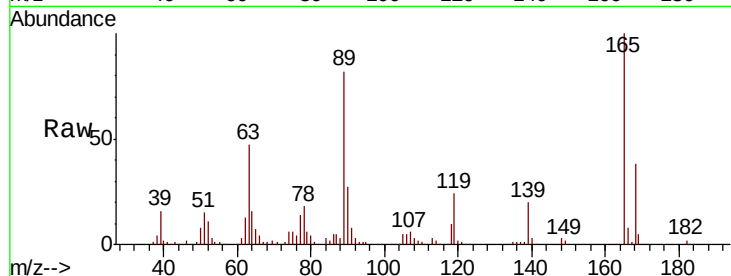
Ion Ratio Lower Upper

165 100

63 47.3 35.0 52.4

89 82.1 66.1 99.1

182 2.5 2.0 3.0

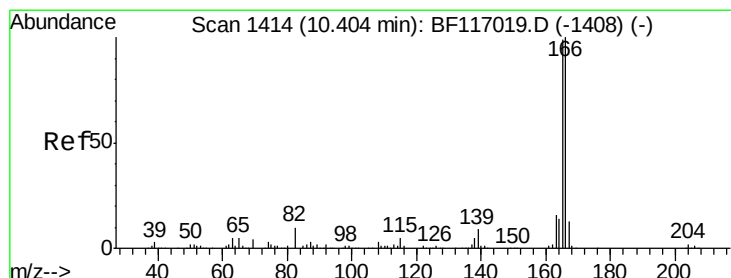
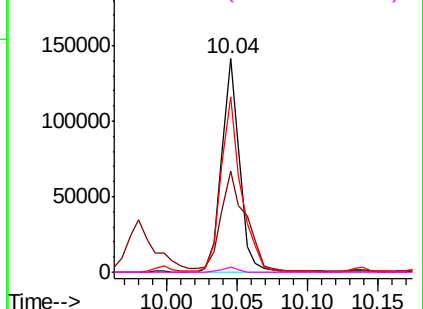


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.579 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

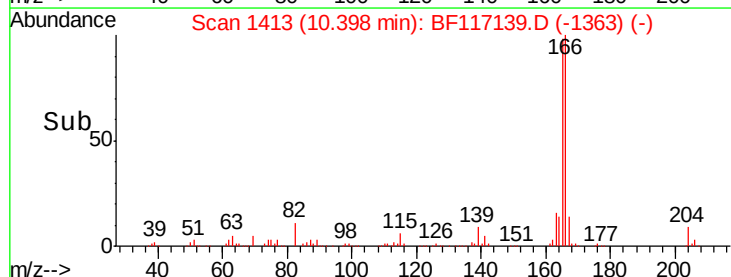
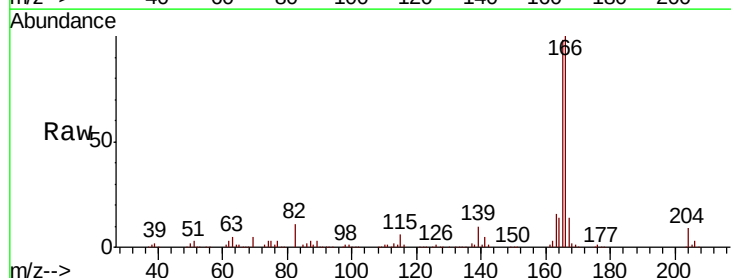
Tgt Ion:166 Resp: 410280

Ion Ratio Lower Upper

166 100

165 98.2 78.9 118.3

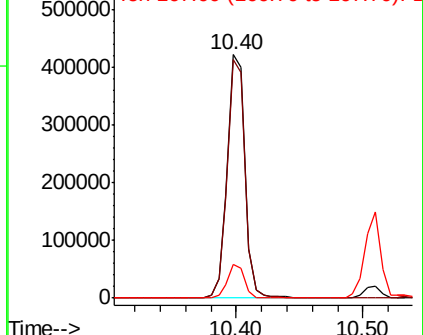
167 14.0 10.6 15.8

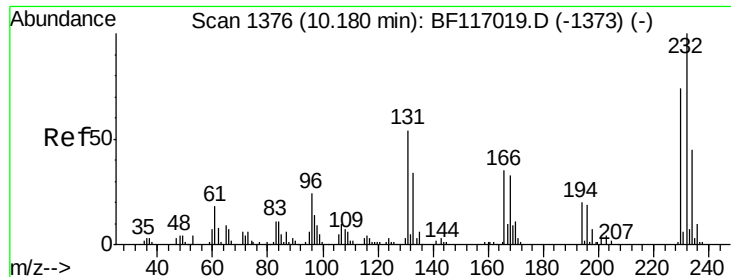


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

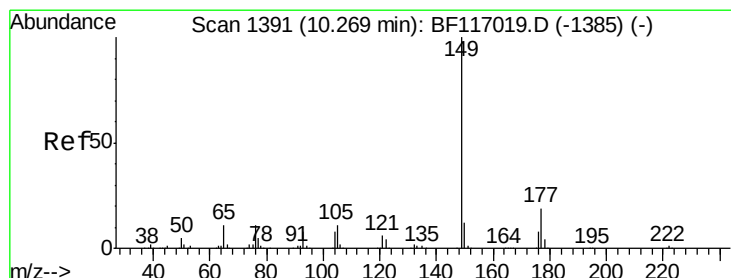
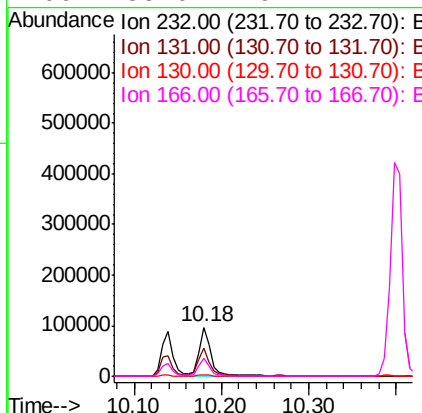
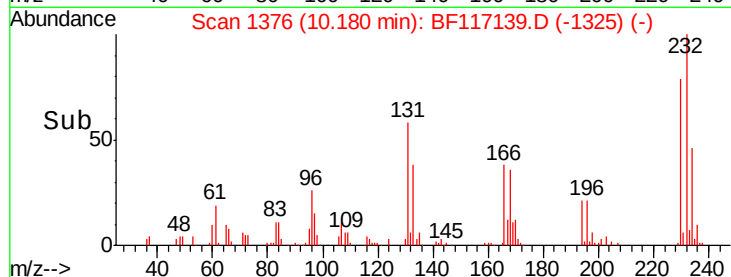
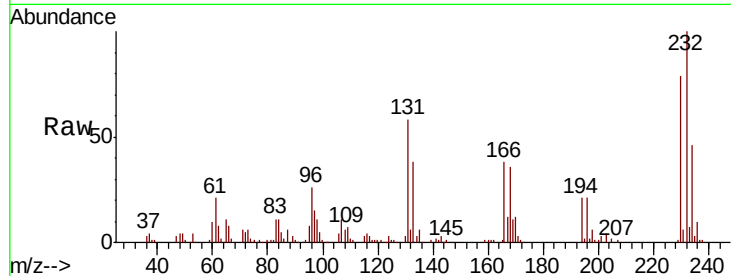




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.806 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

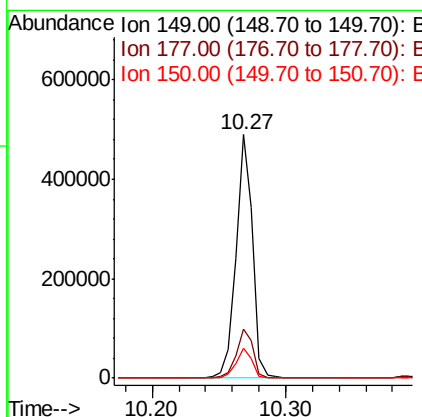
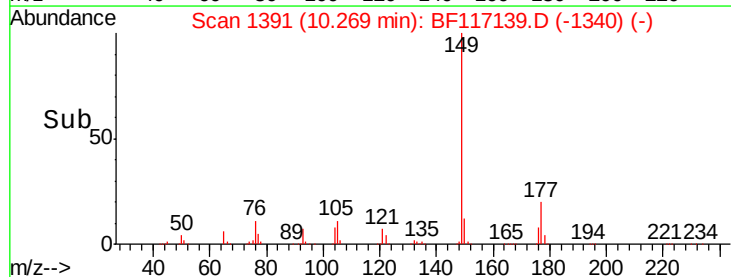
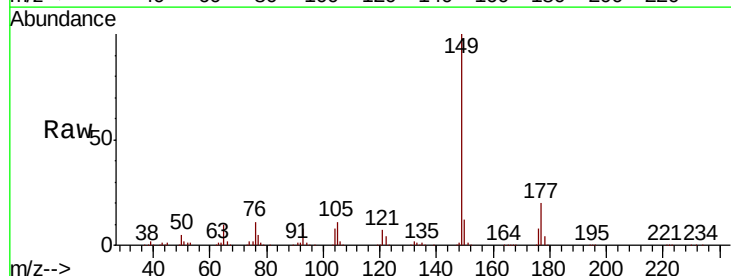
Instrument :
 BNA_F
 ClientSampled :

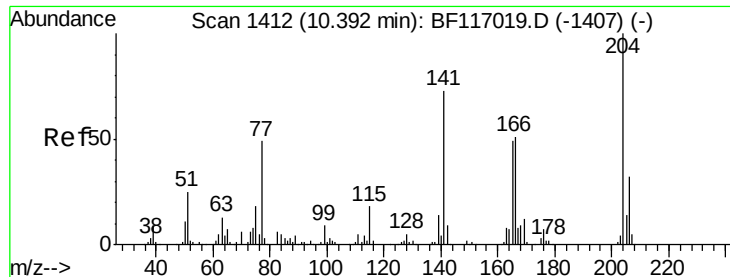
Tot Ion:232	Resp:	92689
Ion Ratio	Lower	Upper
232	100	
131	54.1	45.3 67.9
130	2.3	1.8 2.8
166	35.0	29.4 44.2



#60
 Diethylphthalate
 Concen: 39.387 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:149	Resp:	424570
Ion Ratio	Lower	Upper
149	100	
177	20.4	15.2 22.8
150	12.1	9.9 14.9

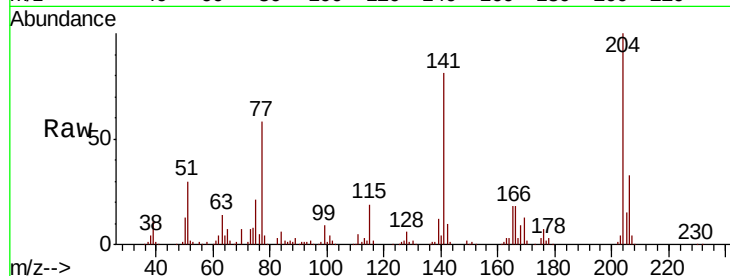




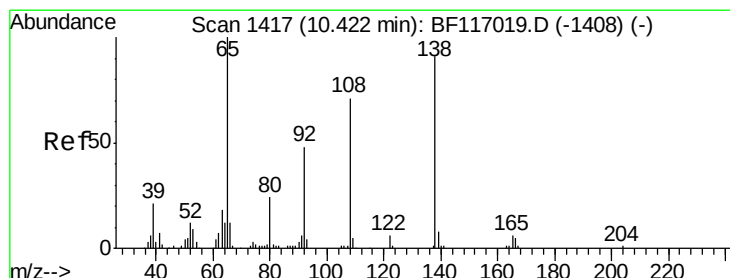
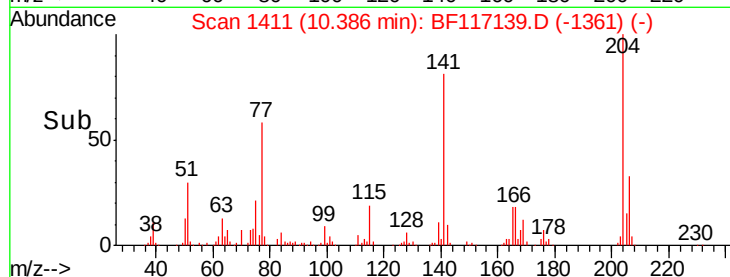
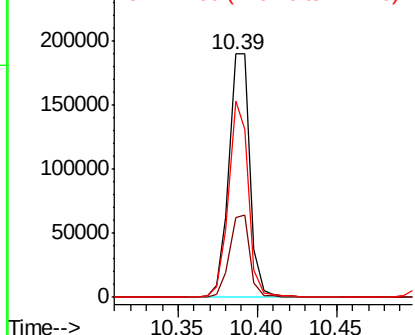
#61
4-Chlorophenyl-phenylether
Concen: 40.391 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 176689
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 80.8 58.2 87.2

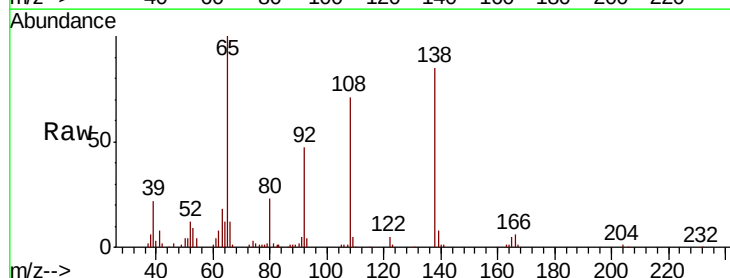


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

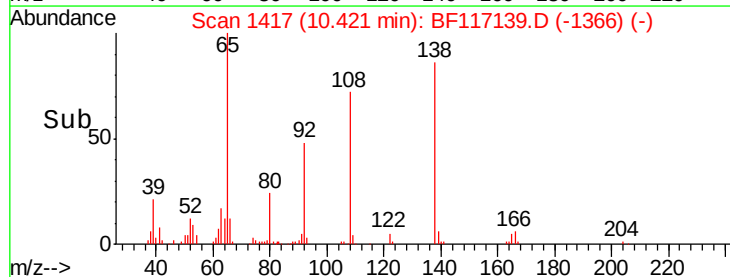
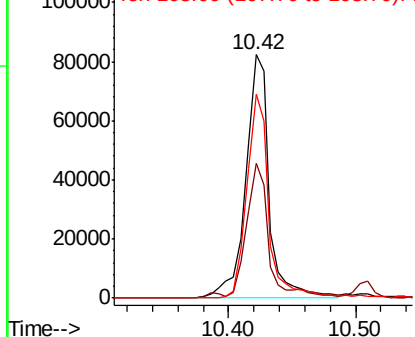


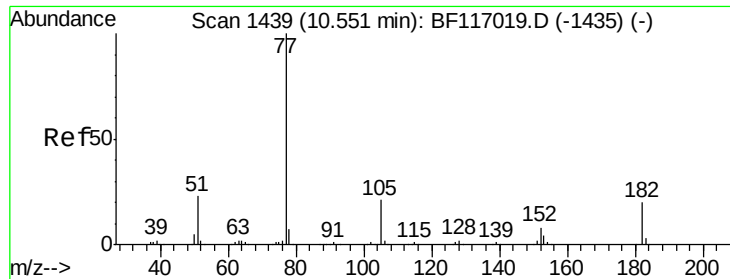
#62
4-Nitroaniline
Concen: 36.366 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:138 Resp: 106479
Ion Ratio Lower Upper
138 100
92 55.5 32.9 72.9
108 83.7 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: 40.160 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 442142

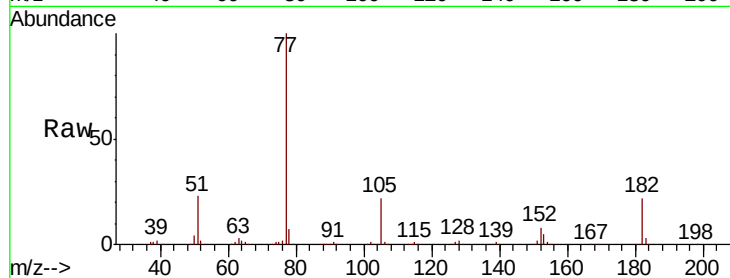
Ion Ratio Lower Upper

77 100

182 21.6 0.4 40.4

105 22.2 0.9 40.9

51 23.2 2.8 42.8

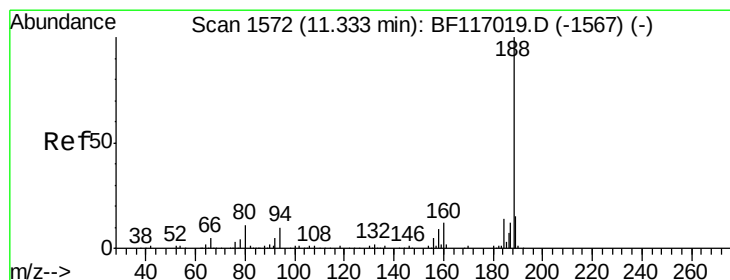
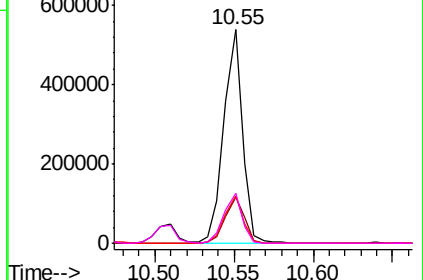
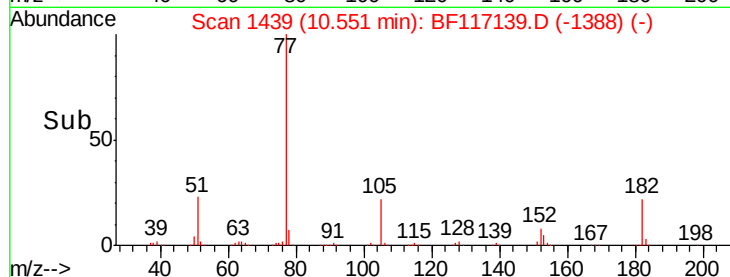


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

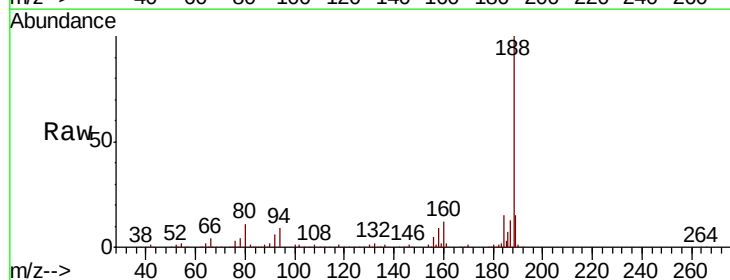
Tgt Ion: 188 Resp: 249573

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

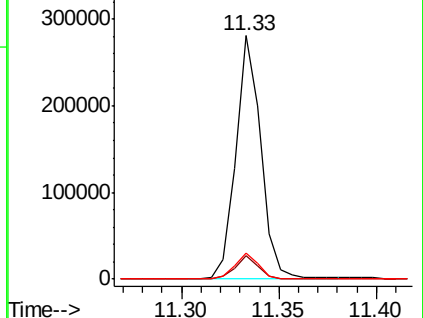
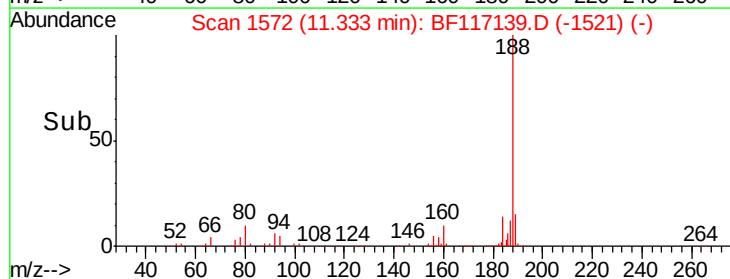
80 10.6 9.0 13.6

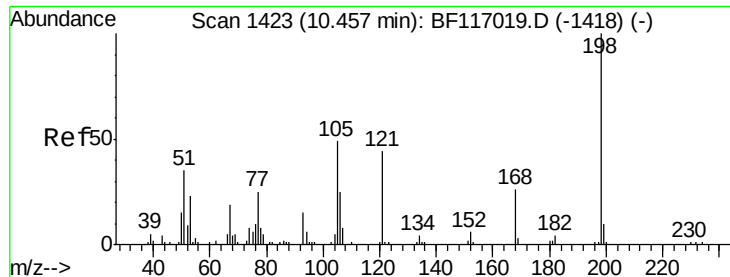


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

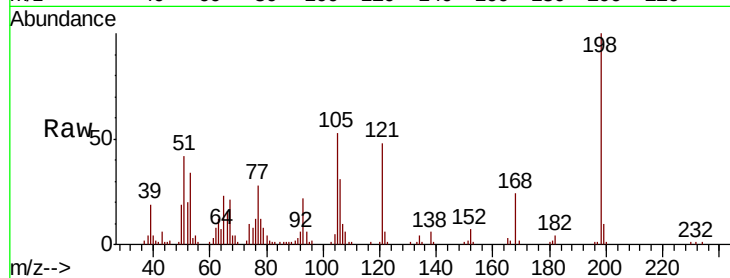




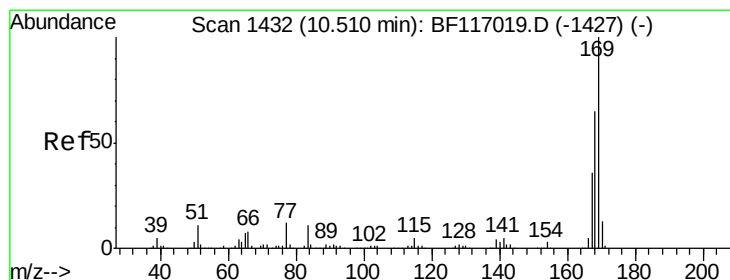
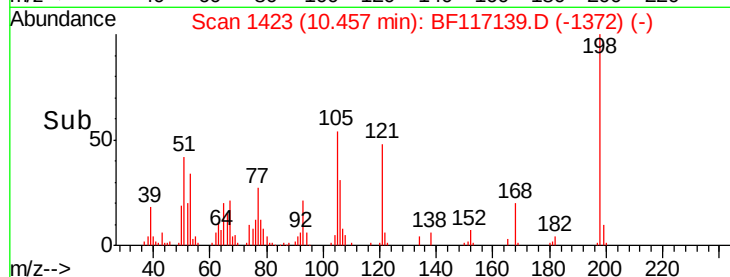
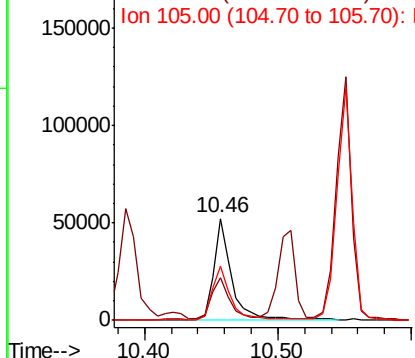
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.319 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 49695
 Ion Ratio Lower Upper
 198 100
 51 41.9 18.7 58.7
 105 53.2 30.2 70.2

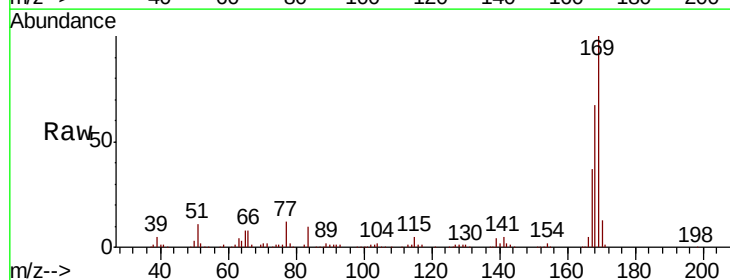


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

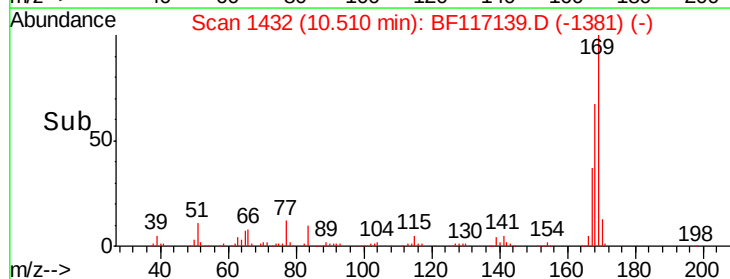
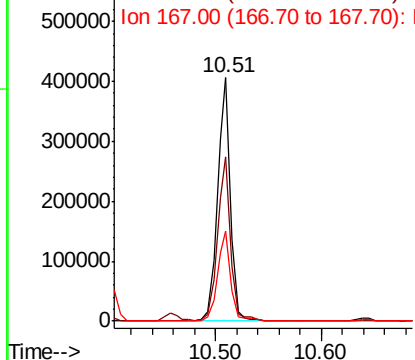


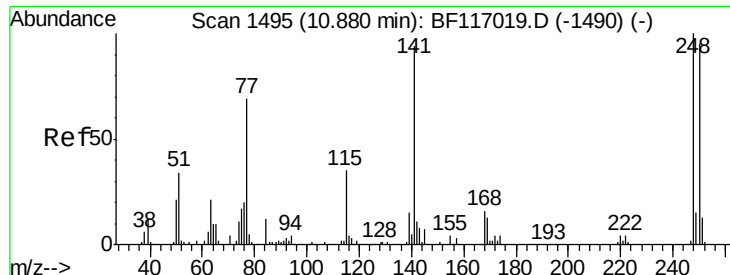
#66
 n-Nitrosodiphenylamine
 Concen: 41.035 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:169 Resp: 353688
 Ion Ratio Lower Upper
 169 100
 168 67.2 52.2 78.2
 167 36.8 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

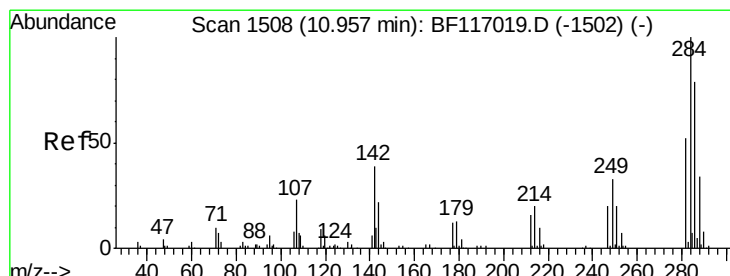
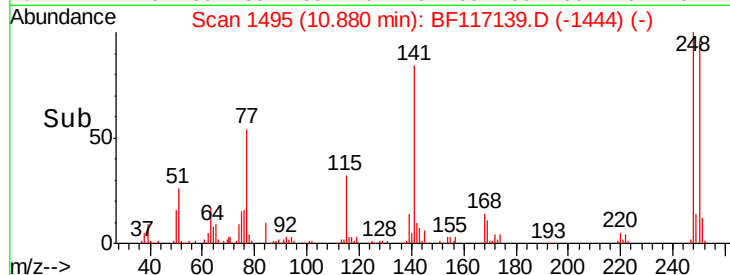
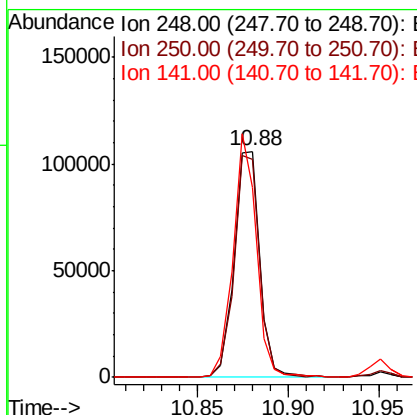
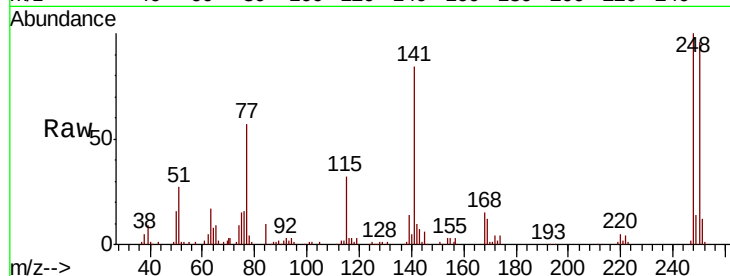




#67
 4-Bromophenyl-phenylether
 Concen: 40.750 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

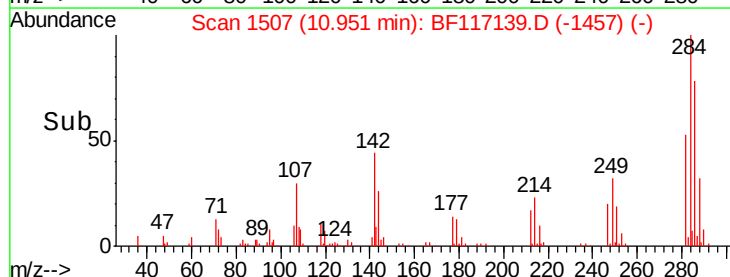
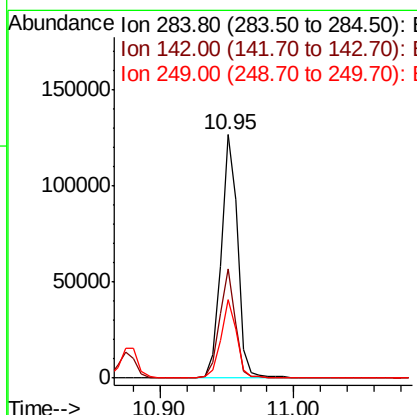
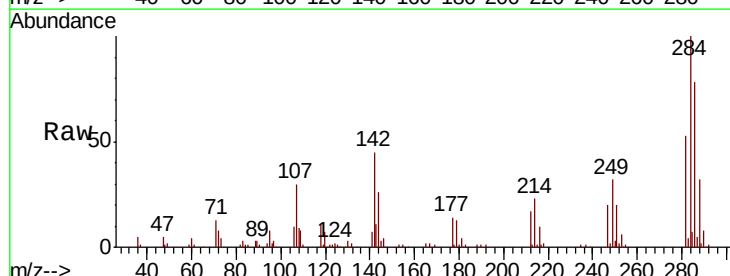
Instrument :
 BNA_F
 ClientSampled :

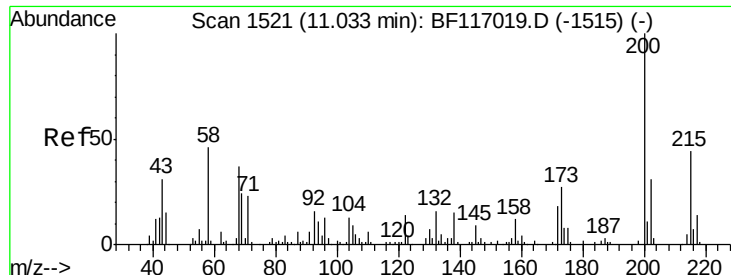
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.2	114.4
141	84.0	75.0	112.4



#68
 Hexachlorobenzene
 Concen: 39.697 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.6	31.4	47.2
249	32.3	26.5	39.7

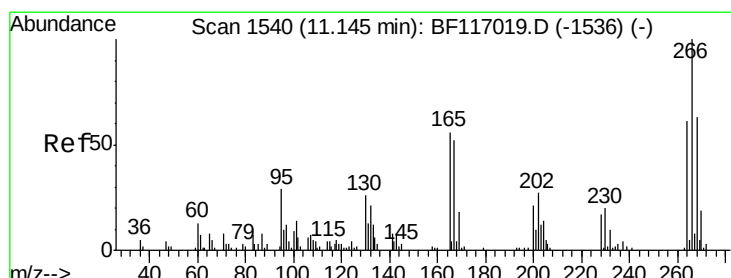
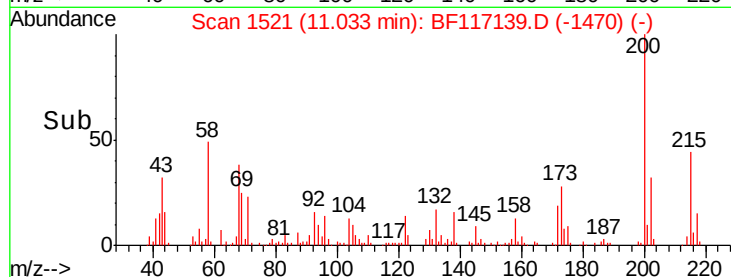
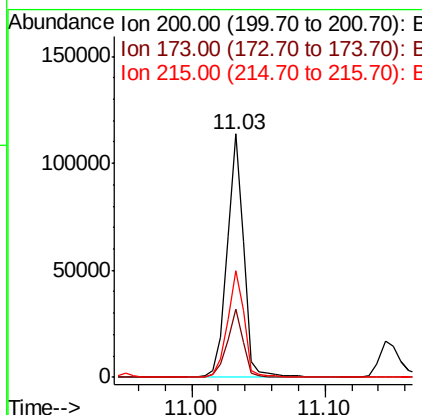
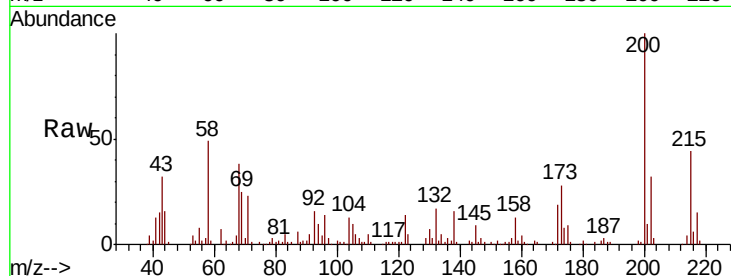




#69
 Atrazine
 Concen: 47.057 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

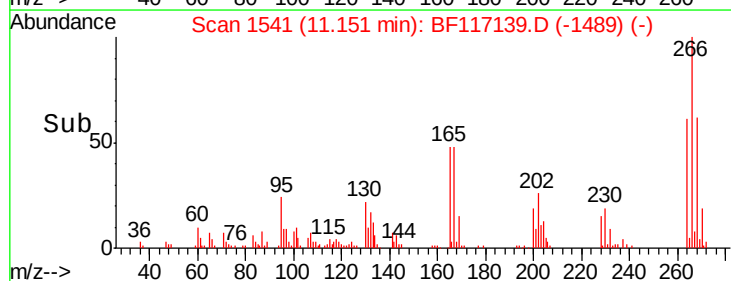
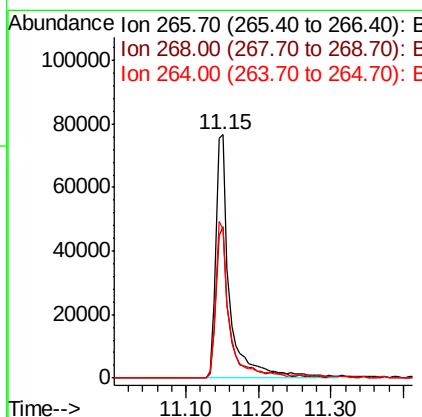
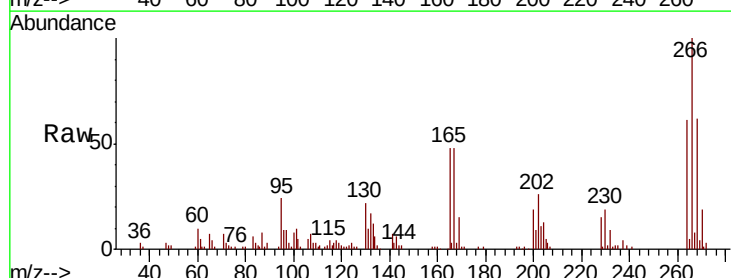
Instrument :
 BNA_F
 ClientSampleId :

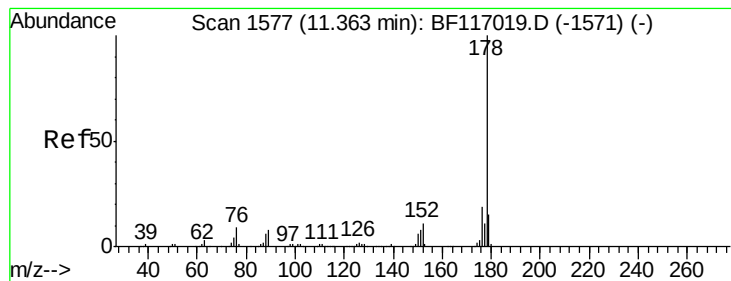
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.9	46.9
215	43.9	23.8	63.8



#70
 Pentachlorophenol
 Concen: 79.221 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.5	75.7
264	61.2	48.8	73.2





#71

Phenanthrene

Concen: 40.341 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

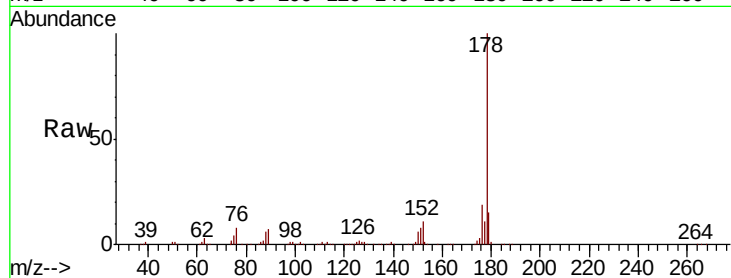
Tot Ion:178 Resp: 571863

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

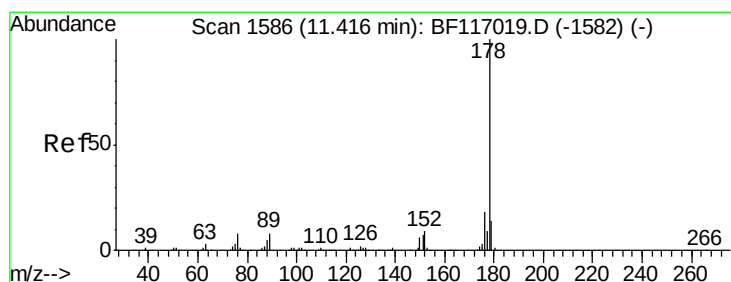
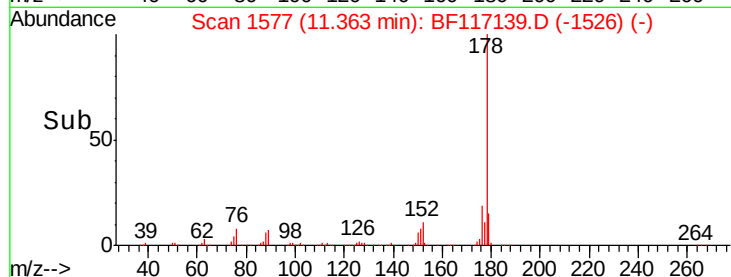
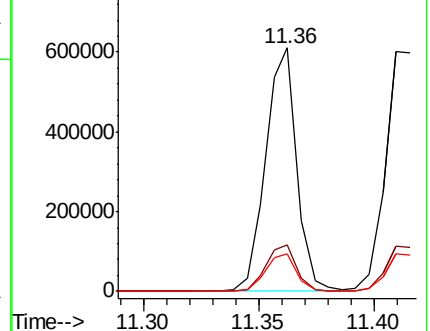
179 15.4 12.4 18.6



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: 41.841 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

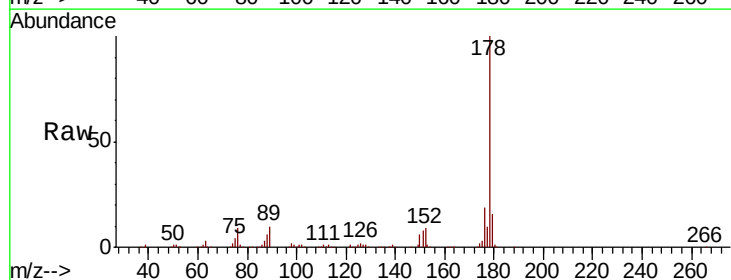
Tgt Ion:178 Resp: 605529

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

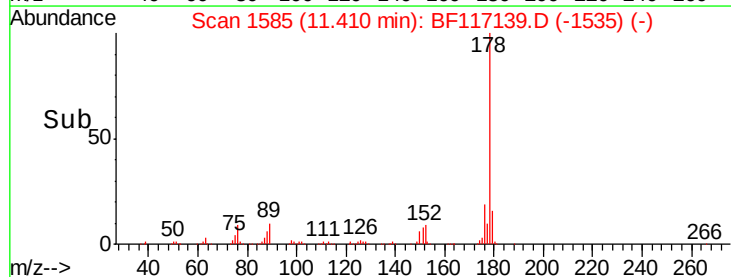
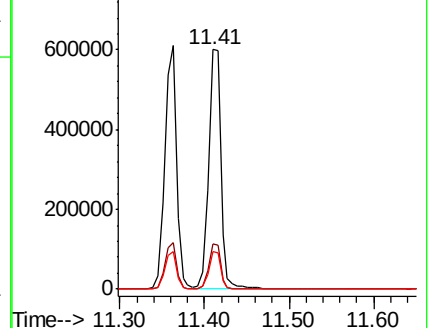
179 15.5 11.6 17.4

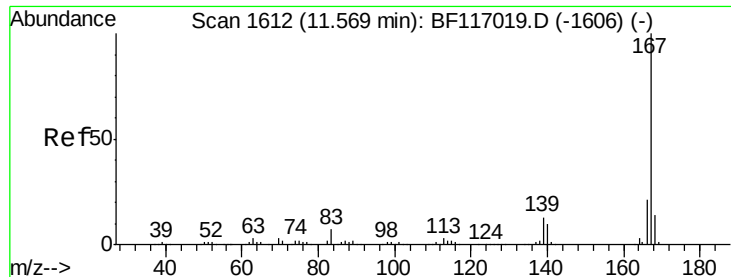


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

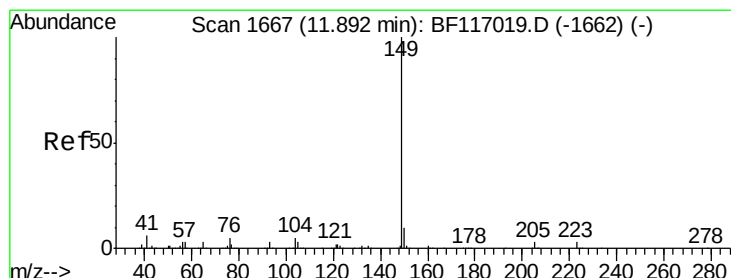
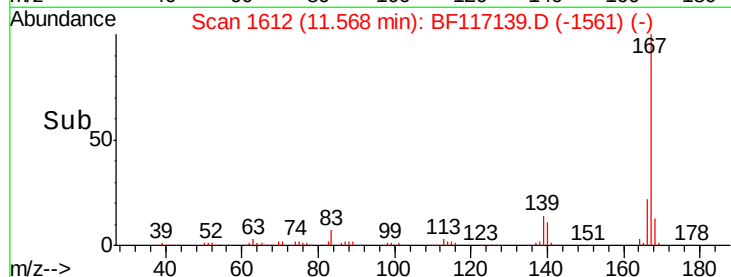
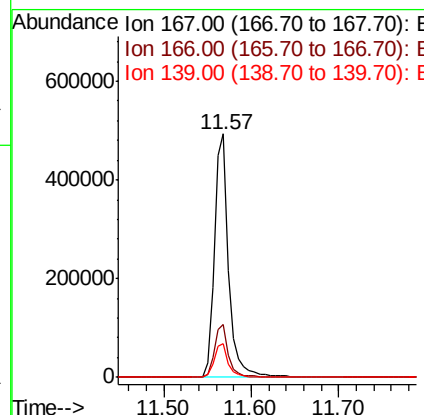
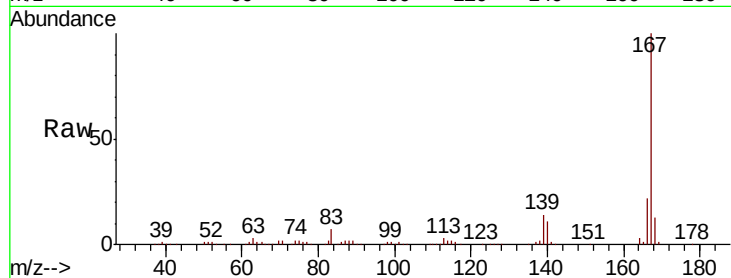




#73
 Carbazole
 Concen: 40.484 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

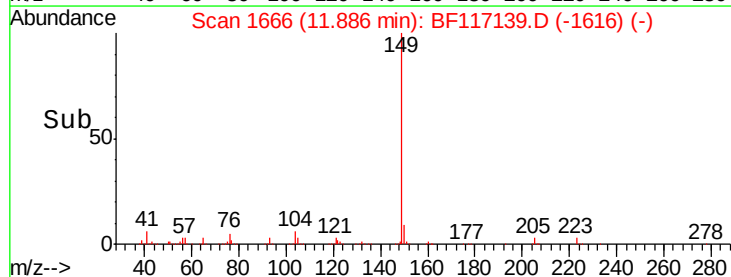
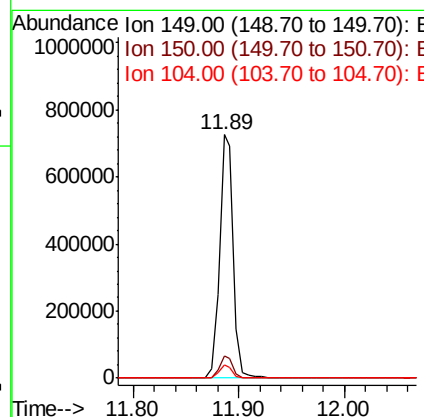
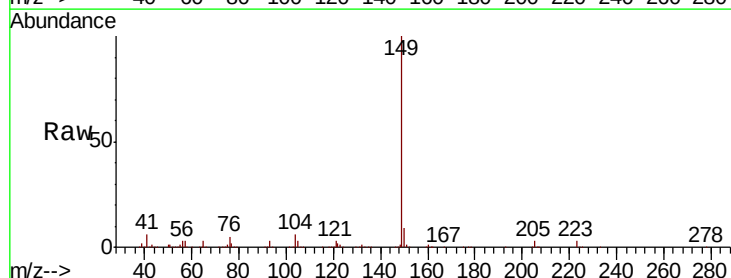
Instrument :
 BNA_F
 ClientSampleId :

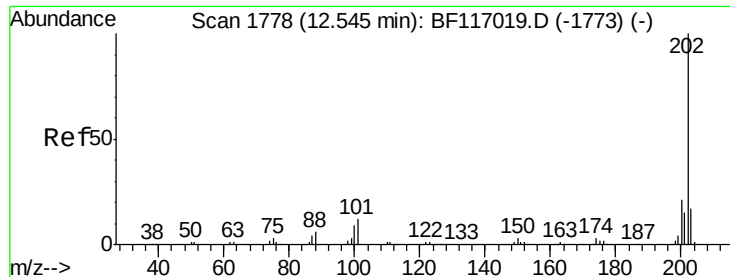
Tot Ion:167 Resp: 556134
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.830 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:149 Resp: 667338
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.7 4.2 6.4

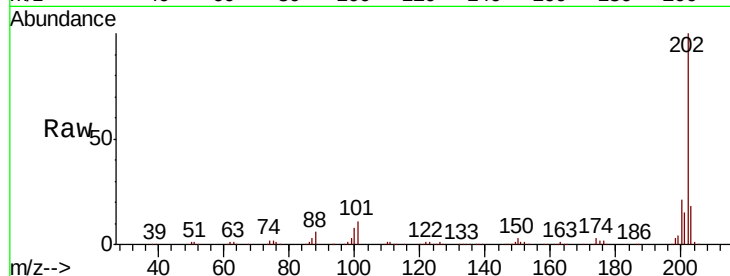




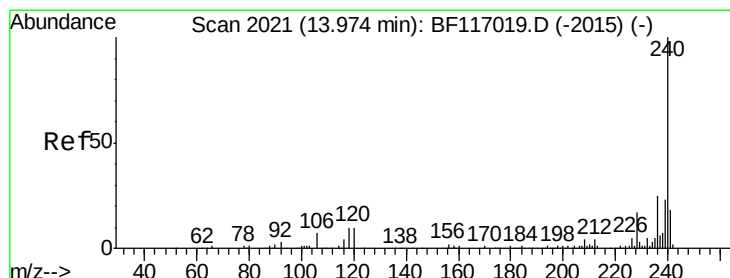
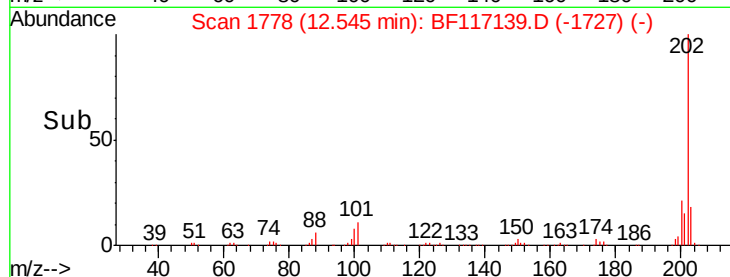
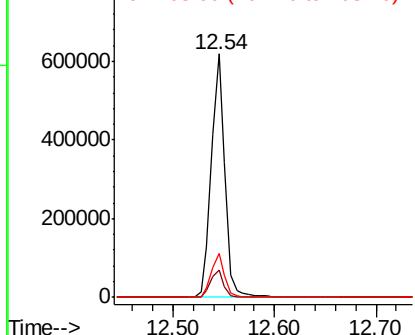
#75
 Fluoranthene
 Concen: 39.671 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.3
203	17.8	0.0	37.1

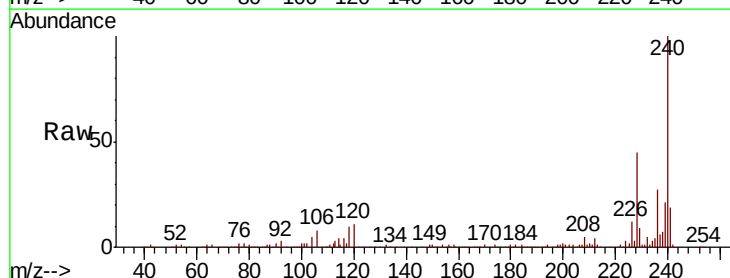


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

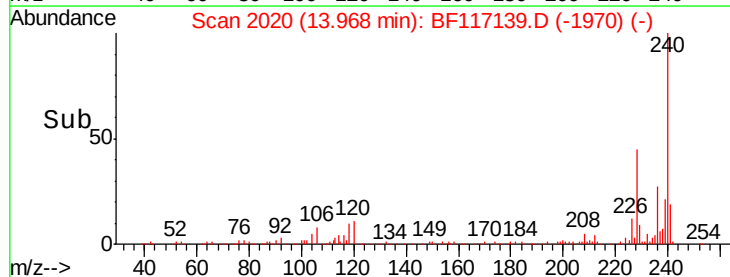
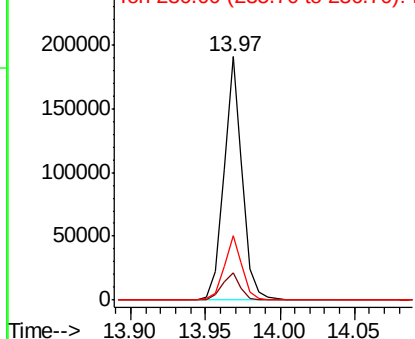


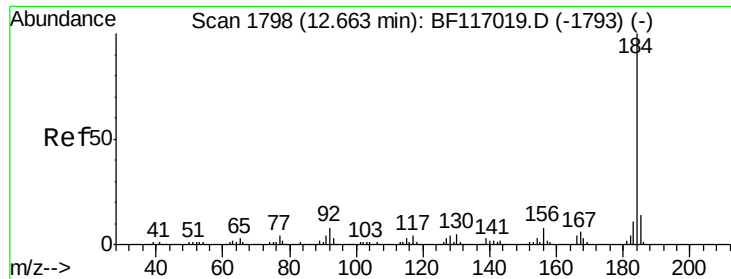
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	26.6	20.3	30.5



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





#77

Benzidine

Concen: 42.384 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampled :

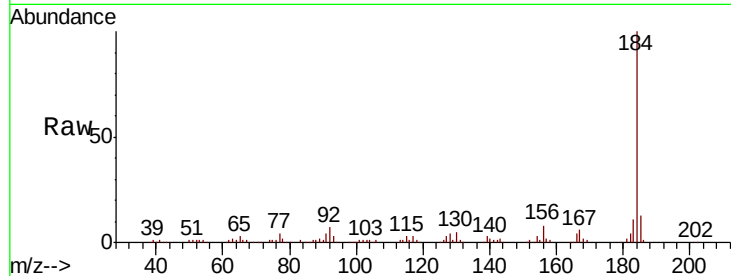
Tot Ion:184 Resp: 223300

Ion Ratio Lower Upper

184 100

185 13.2 11.6 17.4

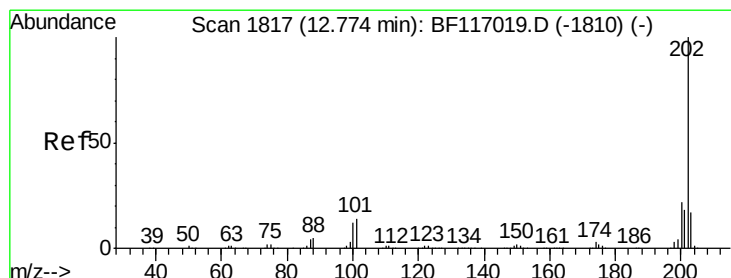
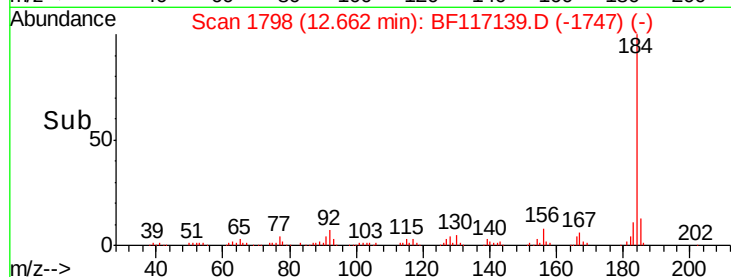
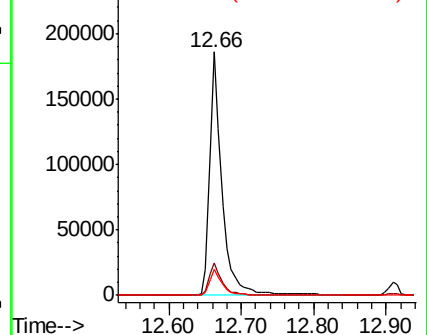
183 10.8 9.0 13.4



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: 42.361 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

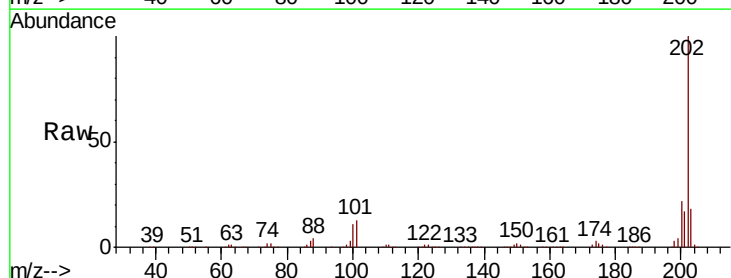
Tgt Ion:202 Resp: 581347

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

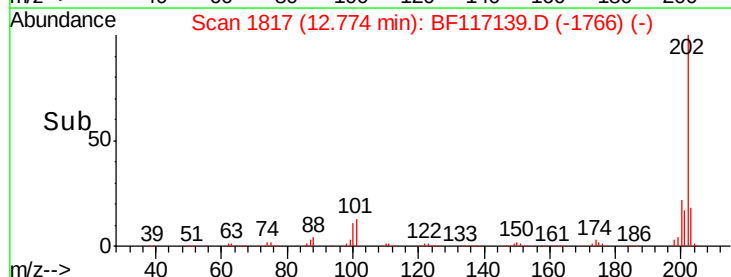
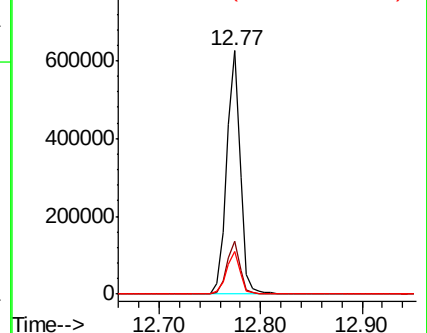
203 17.6 14.0 21.0

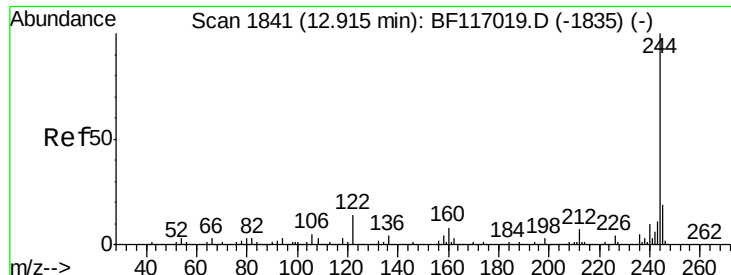


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.998 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

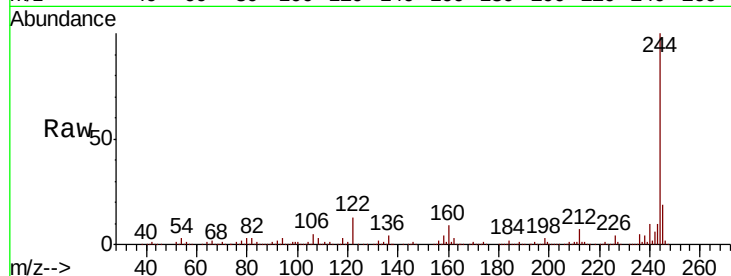
Tot Ion:244 Resp: 621229

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

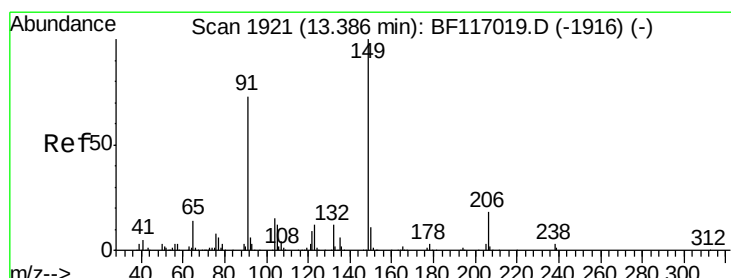
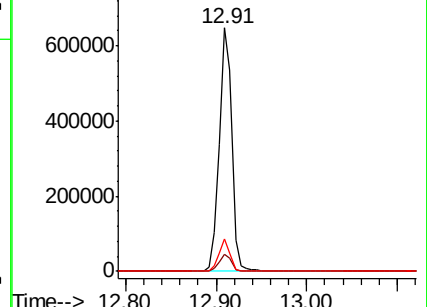
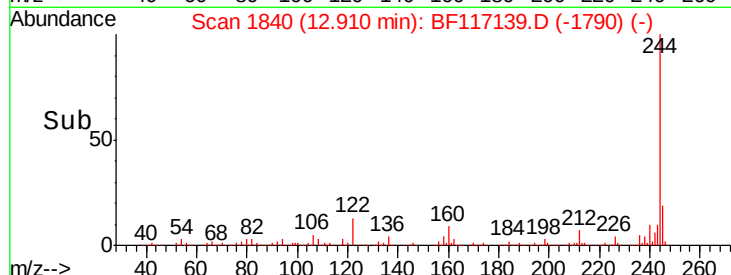
122 13.4 11.3 16.9



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: 41.590 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

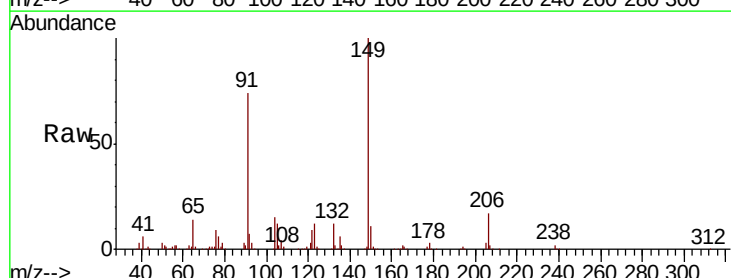
Tgt Ion:149 Resp: 269691

Ion Ratio Lower Upper

149 100

91 73.6 58.8 88.2

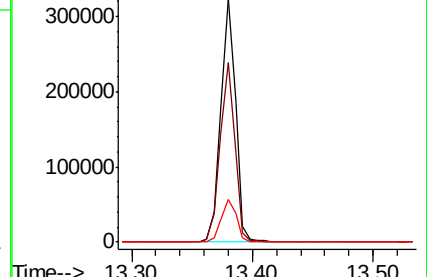
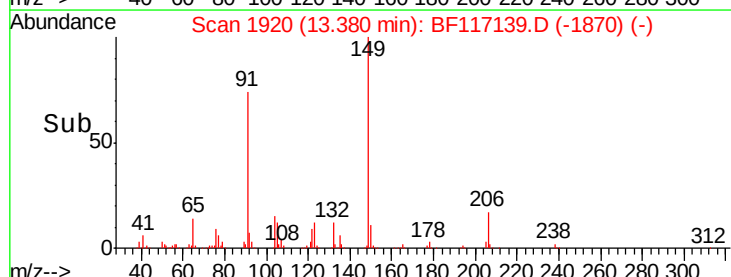
206 17.5 14.1 21.1

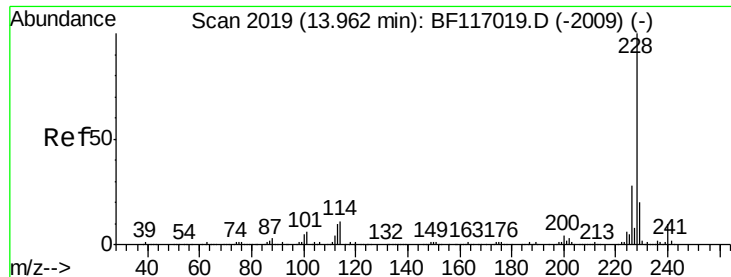


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.495 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

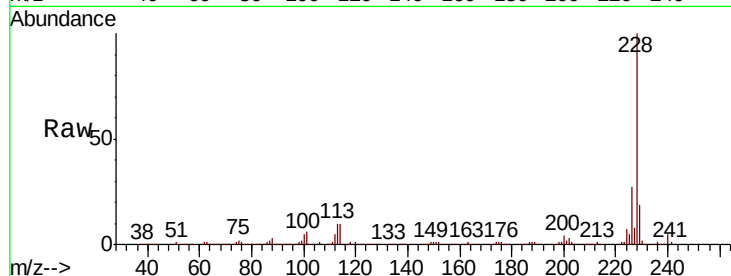
Tot Ion:228 Resp: 431570

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

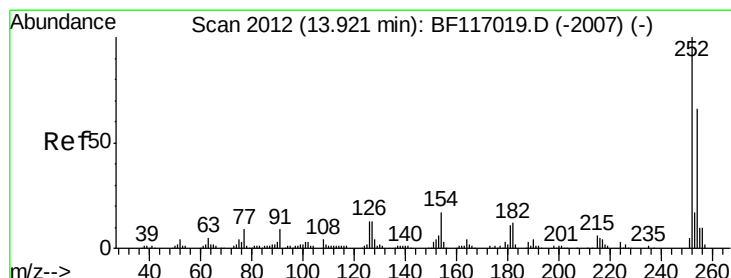
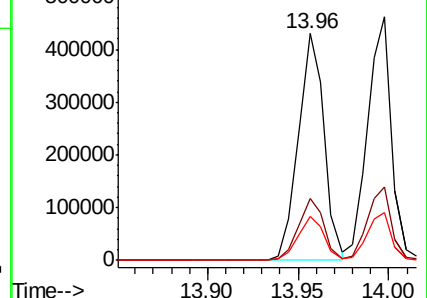
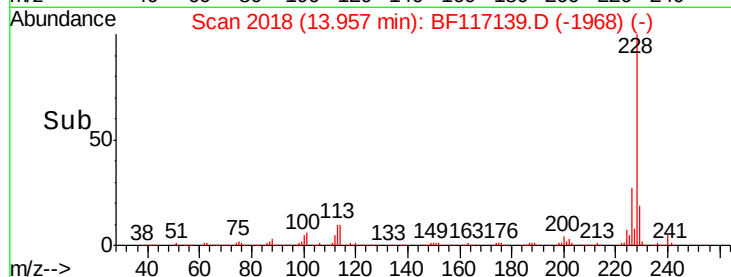
229 19.1 15.9 23.9



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: 30.289 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

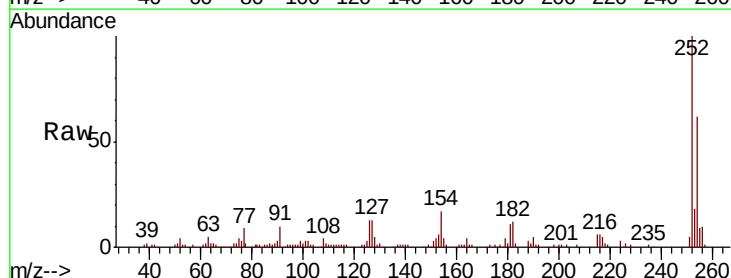
Tgt Ion:252 Resp: 106656

Ion Ratio Lower Upper

252 100

254 62.4 52.6 79.0

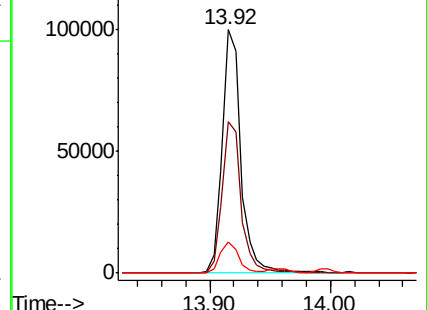
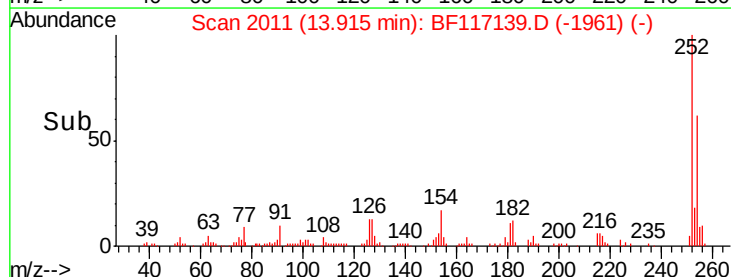
126 13.0 10.4 15.6

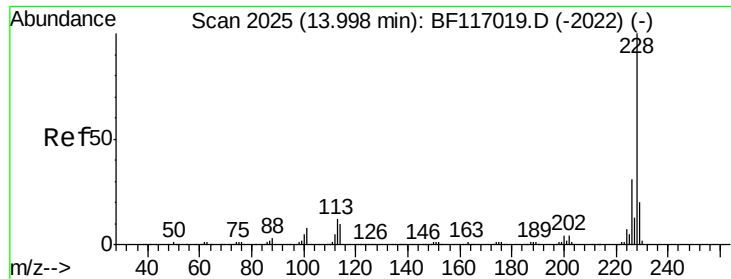


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

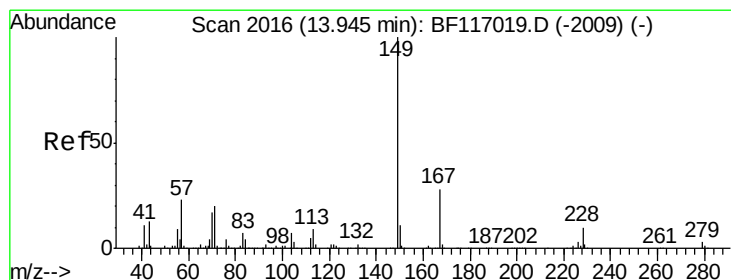
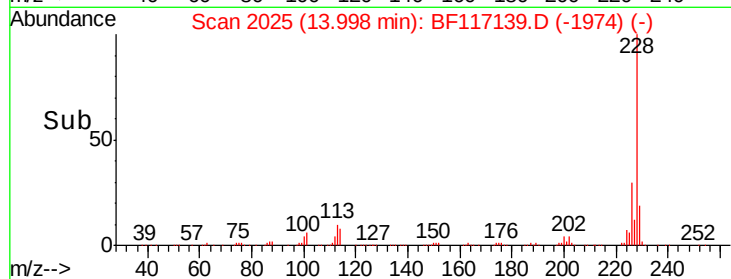
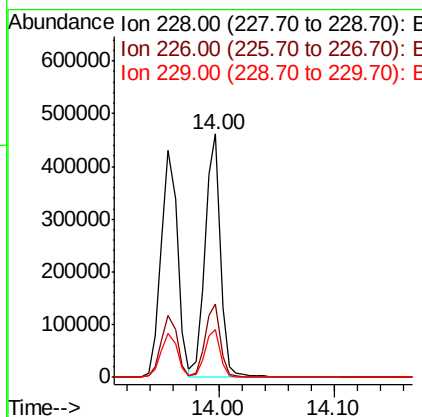
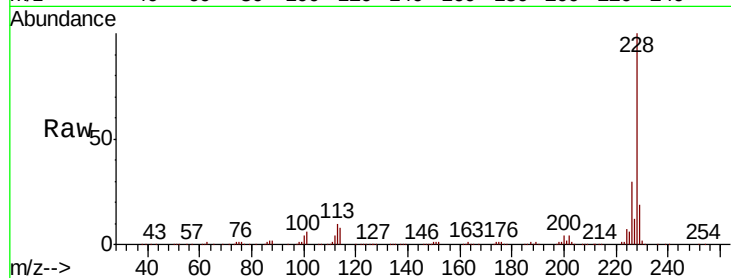




#83
 Chrysene
 Concen: 40.220 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

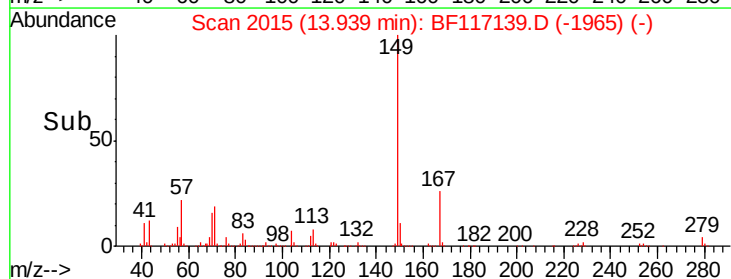
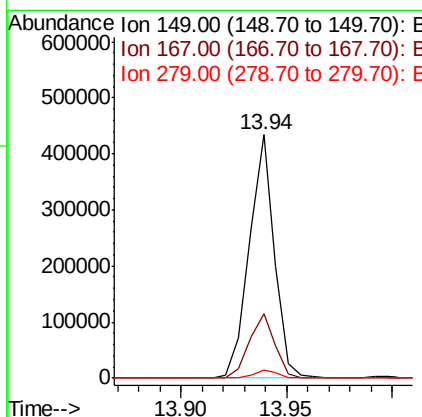
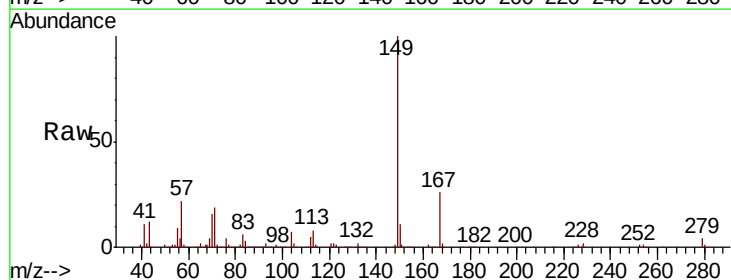
Instrument :
 BNA_F
 ClientSampleId :

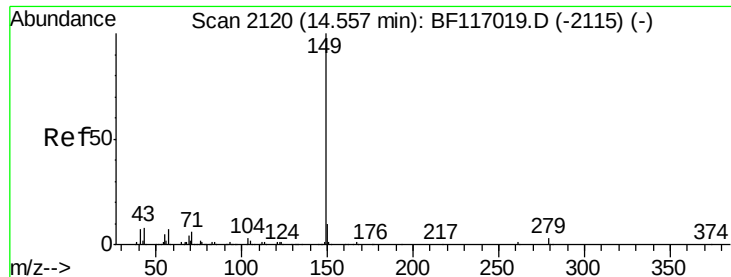
Tot Ion:228 Resp: 428654
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.8 37.2
 229 19.4 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.873 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:149 Resp: 358459
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.2 33.2
 279 3.5 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 42.316 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

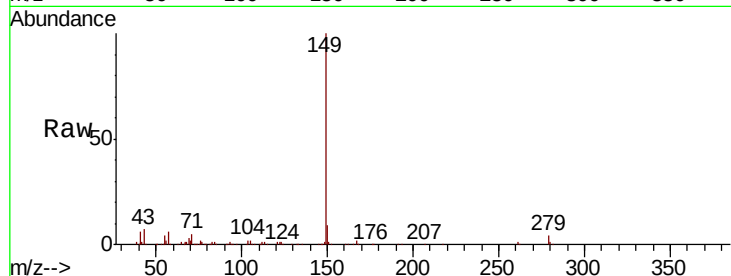
Tot Ion:149 Resp: 556864

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

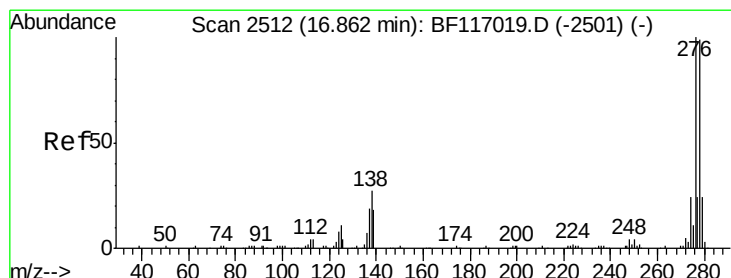
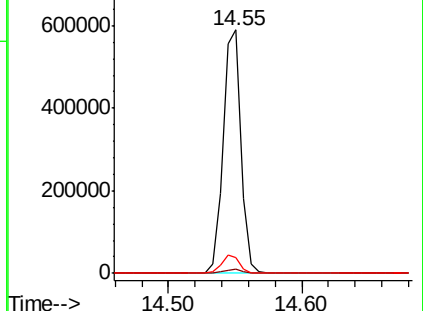
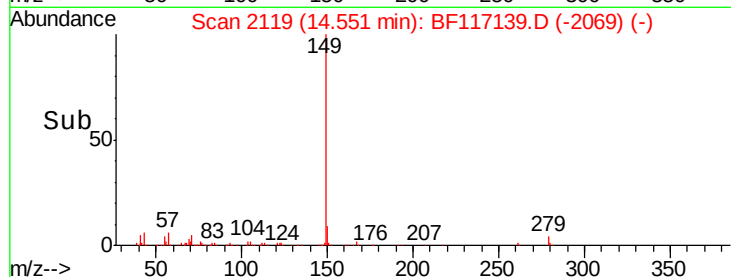
43 7.3 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.270 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

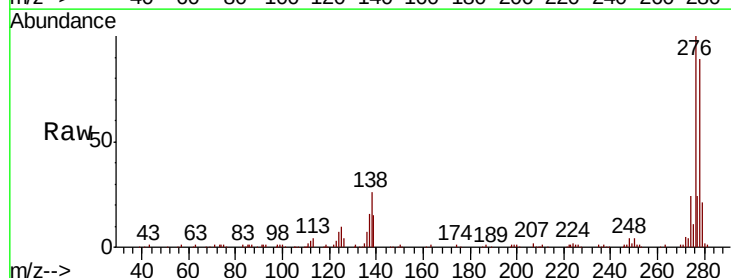
Tgt Ion:276 Resp: 297566

Ion Ratio Lower Upper

276 100

138 25.0 20.7 31.1

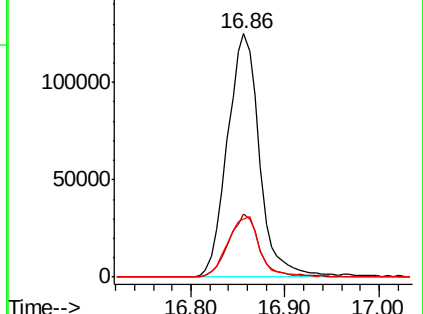
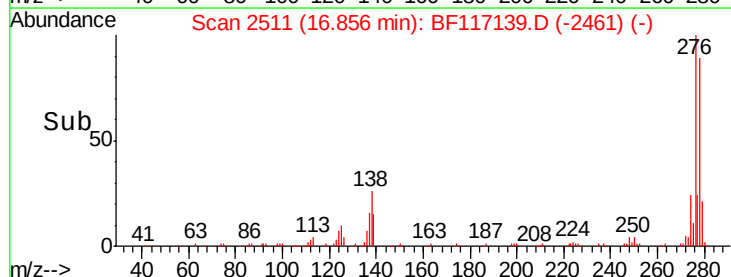
277 25.0 19.8 29.8

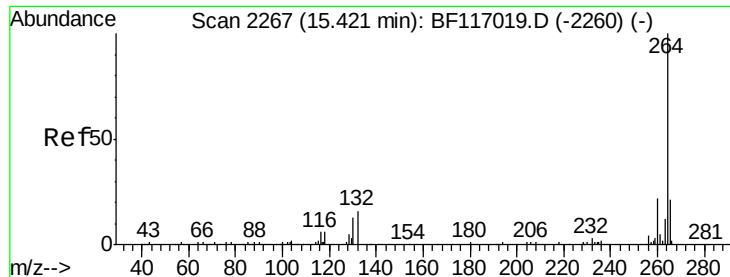


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



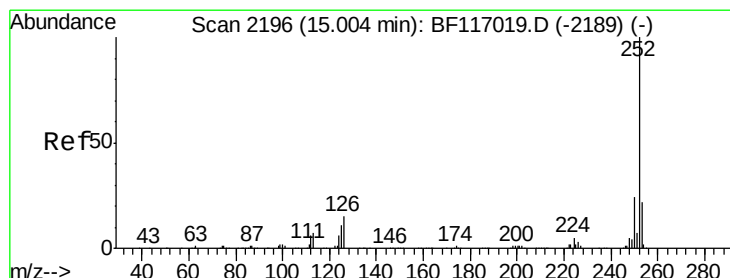
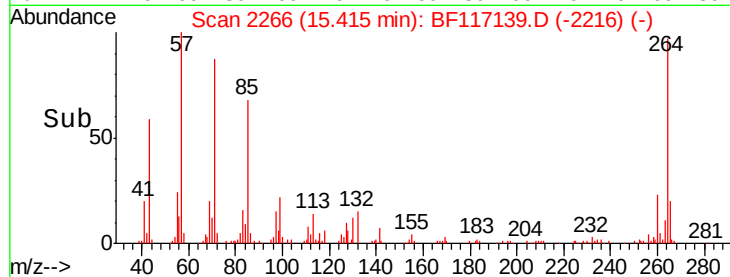
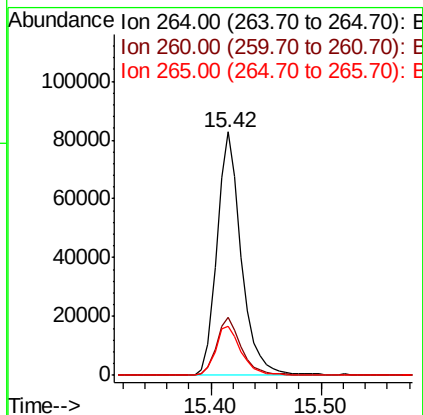
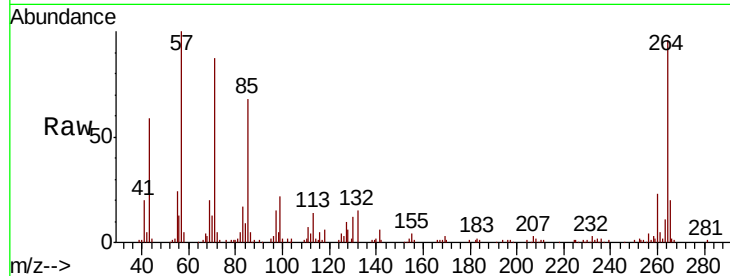


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 126585

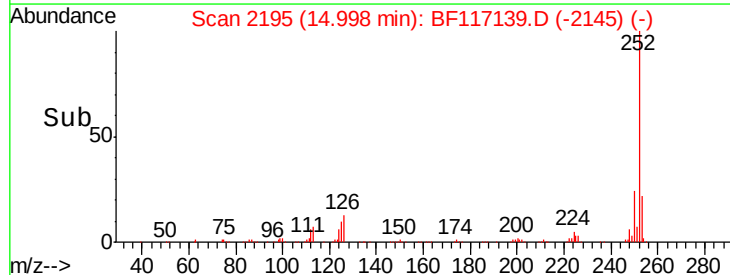
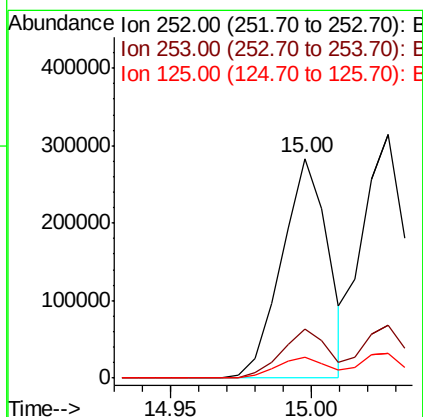
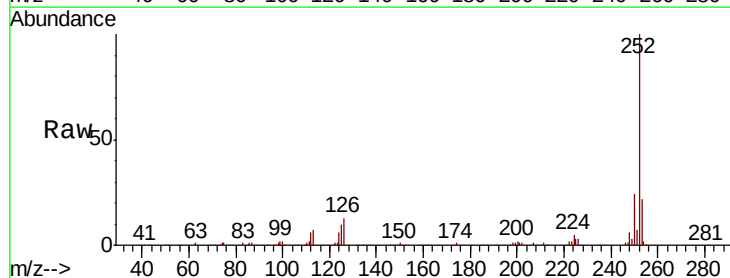
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	20.4	16.6	24.8

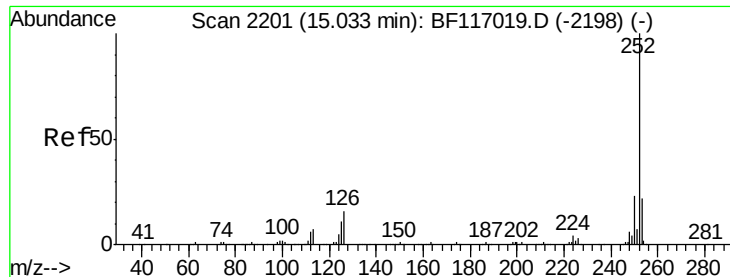


#88
Benzo(b)fluoranthene
Concen: 42.123 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:252 Resp: 322986

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.6	8.6	12.8

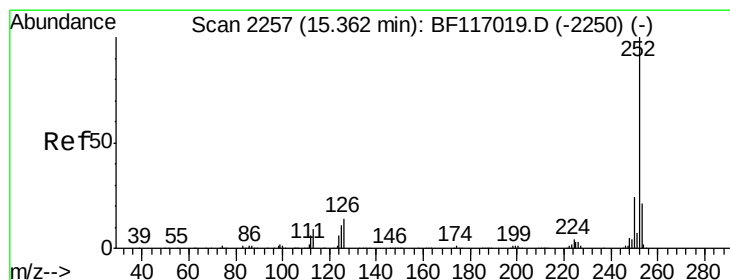
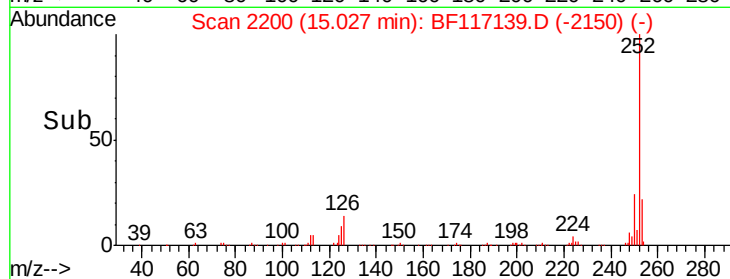
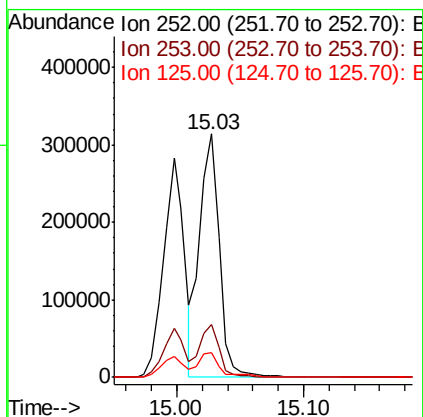
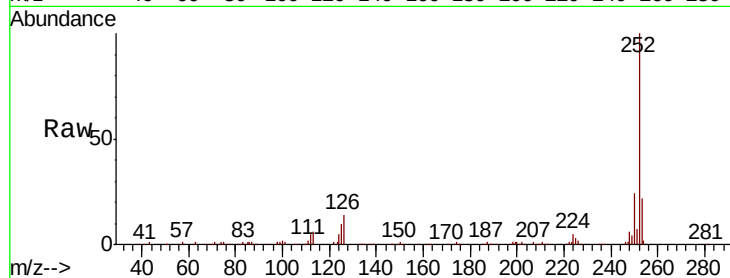




#89
Benzo(k)fluoranthene
Concen: 46.491 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

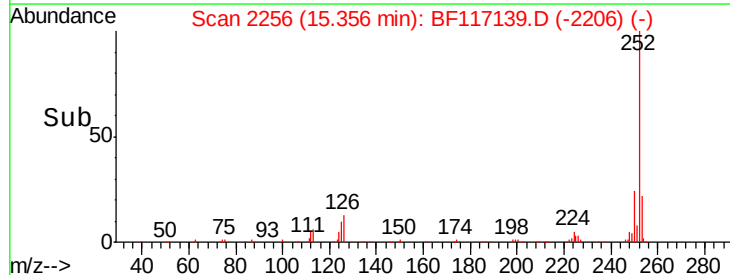
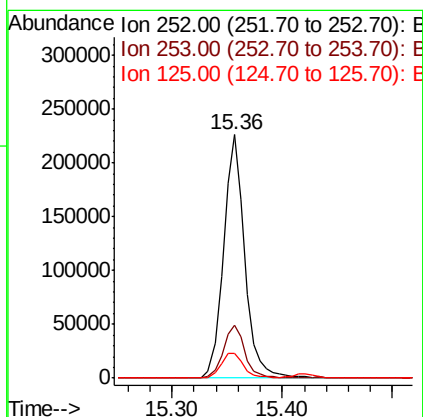
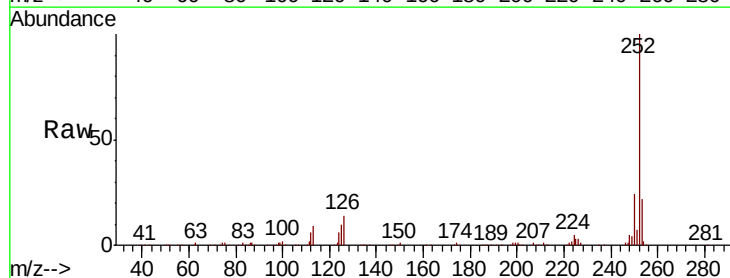
Instrument :
BNA_F
ClientSampleId :

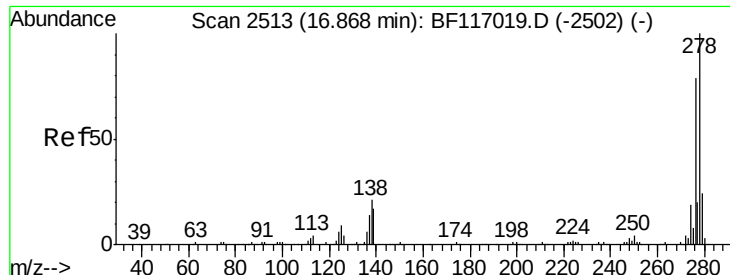
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.9	8.8	13.2



#90
Benzo(a)pyrene
Concen: 45.292 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	10.2	8.9	13.3

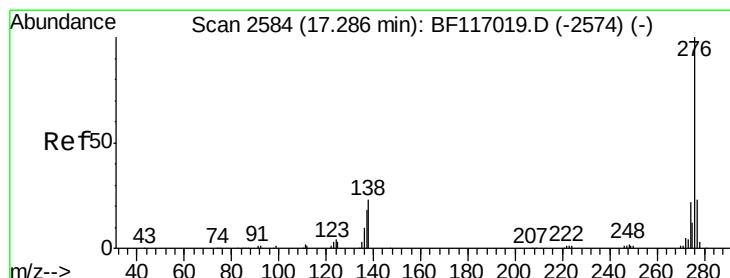
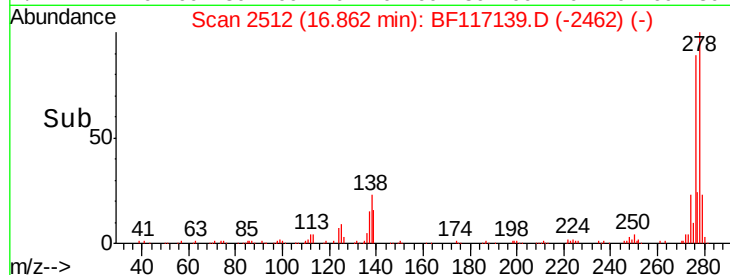
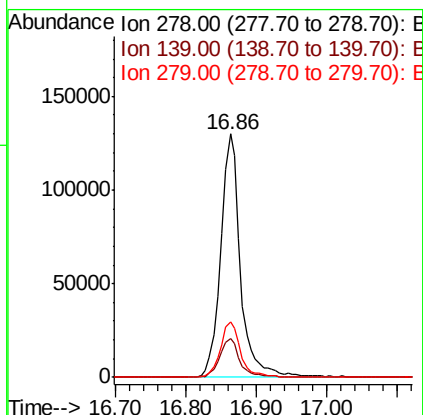
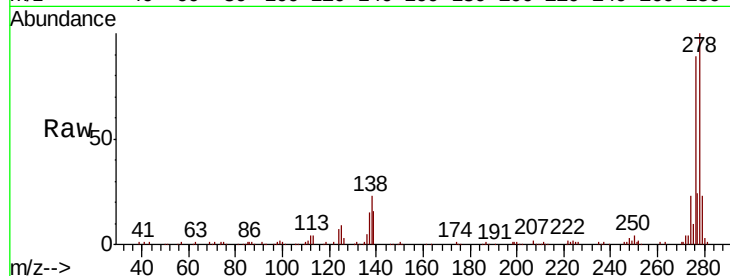




#91
Dibenzo(a,h)anthracene
Concen: 47.318 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	22.9	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 46.429 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	21.5	18.0	27.0

