

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117111.D
 Acq On : 17 Sep 2019 17:17
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:51:10 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	75529	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	308406	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	159482	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	260157	20.00	ng	0.00
76) Chrysene-d12	13.97	240	178575	20.00	ng	0.00
87) Perylene-d12	15.42	264	144115	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	361111	74.64	ng	0.00
7) Phenol-d6	6.46	99	468899	75.00	ng	0.00
23) Nitrobenzene-d5	7.39	82	447079	76.17	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	102137	76.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	784543	76.92	ng	0.00
79) Terphenyl-d14	12.92	244	756703	79.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	72566	35.847	ng	97
3) Pyridine	3.31	79	205193	37.033	ng	95
4) n-Nitrosodimethylamine	3.26	42	66084	34.754	ng	98
6) Aniline	6.49	93	300035	37.273	ng	92
8) 2-Chlorophenol	6.62	128	195467	37.453	ng	95
9) Benzaldehyde	6.37	77	129863	42.056	ng	99
10) Phenol	6.48	94	255606	37.085	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	187380	36.990	ng	99
12) 1,3-Dichlorobenzene	6.77	146	219998	37.566	ng	97
13) 1,4-Dichlorobenzene	6.84	146	225476	37.727	ng	100
14) 1,2-Dichlorobenzene	7.00	146	213940	38.448	ng	99
15) Benzyl Alcohol	6.97	79	183103	38.191	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	183682	36.701	ng	92
17) 2-Methylphenol	7.09	107	162744	37.207	ng	96
18) Hexachloroethane	7.33	117	86570	37.653	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	144153	37.865	ng	96
20) 3+4-Methylphenols	7.24	107	206346	37.874	ng	# 87
22) Acetophenone	7.23	105	301384	38.463	ng	# 98
24) Nitrobenzene	7.41	77	220465	38.034	ng	93
25) Isophorone	7.65	82	390427	37.567	ng	99
26) 2-Nitrophenol	7.72	139	100201	40.245	ng	98
27) 2,4-Dimethylphenol	7.76	122	150475	38.111	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	246389	38.480	ng	99
29) 2,4-Dichlorophenol	7.97	162	161232	38.972	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	171927	38.466	ng	97
31) Naphthalene	8.13	128	567403	38.254	ng	100
32) Benzoic acid	7.89	122	91856	33.172	ng	96
33) 4-Chloroaniline	8.17	127	251492	38.228	ng	98
34) Hexachlorobutadiene	8.25	225	99254	39.141	ng	97
35) Caprolactam	8.55	113	52081	37.192	ng	87
36) 4-Chloro-3-methylphenol	8.66	107	184064	38.156	ng	96
37) 2-Methylnaphthalene	8.82	142	383339	38.380	ng	100
38) 1-Methylnaphthalene	8.92	142	358265	38.298	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	158129	38.397	ng	99

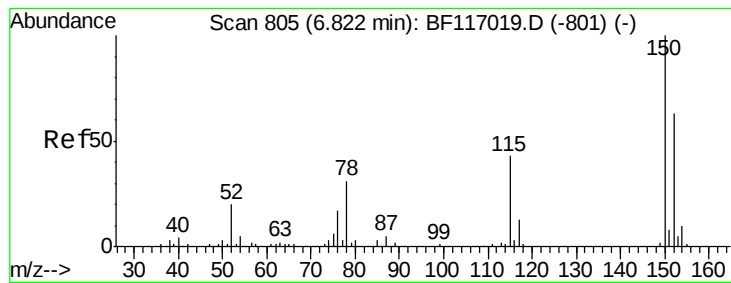
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117111.D
 Acq On : 17 Sep 2019 17:17
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:51:10 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	69854	42.457	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	104667	37.451	ng	95
44) 2,4,5-Trichlorophenol	9.14	196	109690	36.735	ng	99
46) 1,1'-Biphenyl	9.27	154	475350	37.998	ng	100
47) 2-Chloronaphthalene	9.30	162	372422	37.722	ng	99
48) 2-Nitroaniline	9.40	65	124381	39.277	ng	94
49) Acenaphthylene	9.72	152	556307	37.613	ng	100
50) Dimethylphthalate	9.57	163	427228	37.834	ng	100
51) 2,6-Dinitrotoluene	9.64	165	90132	39.191	ng	93
52) Acenaphthene	9.89	154	329823	37.619	ng	98
53) 3-Nitroaniline	9.81	138	111654	38.479	ng	97
54) 2,4-Dinitrophenol	9.92	184	33933	39.422	ng	95
55) Dibenzofuran	10.06	168	490631	37.929	ng	98
56) 4-Nitrophenol	9.98	139	74504	39.617	ng	94
57) 2,4-Dinitrotoluene	10.05	165	124407	41.673	ng	95
58) Fluorene	10.40	166	398902	38.282	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84173	36.837	ng	96
60) Diethylphthalate	10.27	149	421705	37.959	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	176426	39.133	ng	99
62) 4-Nitroaniline	10.42	138	115253	38.193	ng	96
63) Azobenzene	10.55	77	423685	37.341	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	44433	38.996	ng	90
66) n-Nitrosodiphenylamine	10.51	169	343718	38.256	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	102141	38.445	ng	96
68) Hexachlorobenzene	10.96	284	110954	38.182	ng	94
69) Atrazine	11.03	200	87350	37.312	ng	99
70) Pentachlorophenol	11.15	266	44064	32.349	ng	96
71) Phenanthrene	11.36	178	554104	37.498	ng	99
72) Anthracene	11.41	178	570744	37.833	ng	99
73) Carbazole	11.57	167	543590	37.961	ng	100
74) Di-n-butylphthalate	11.89	149	655741	38.489	ng	99
75) Fluoranthene	12.54	202	572836	37.728	ng	100
77) Benzidine	12.66	184	231602	40.262	ng	99
78) Pyrene	12.77	202	571740	38.157	ng	100
80) Butylbenzylphthalate	13.38	149	278275	39.304	ng	97
81) Benzo(a)anthracene	13.96	228	449424	37.669	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	151461	39.395	ng	98
83) Chrysene	14.00	228	445588	38.293	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	365988	40.092	ng	99
85) Di-n-octyl phthalate	14.56	149	583157	40.587	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	279458	32.918	ng	98
88) Benzo(b)fluoranthene	15.00	252	366924	42.032	ng	99
89) Benzo(k)fluoranthene	15.03	252	320774	38.791	ng	99
90) Benzo(a)pyrene	15.36	252	301743	39.390	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	227959	37.355	ng	96
92) Benzo(g,h,i)perylene	17.30	276	218446	35.922	ng	98

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

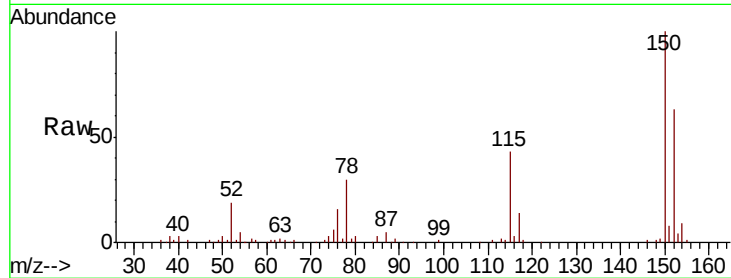


#1

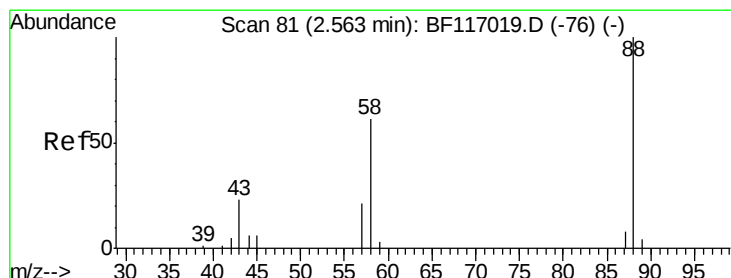
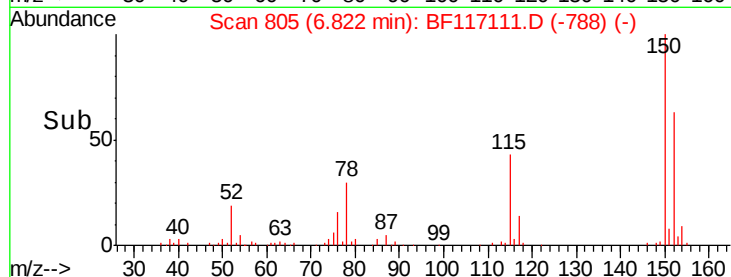
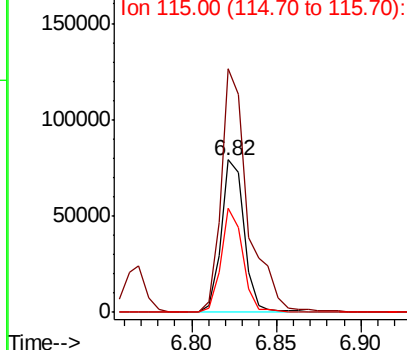
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.5	191.3
115	68.2	55.0	82.4



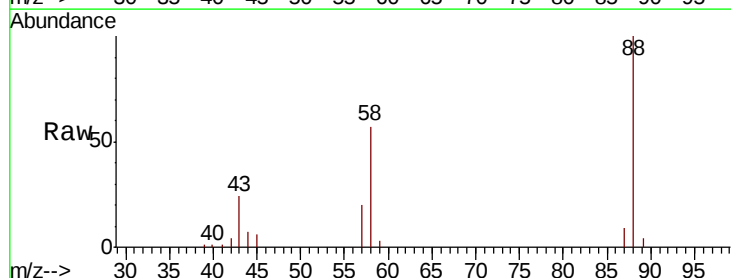
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



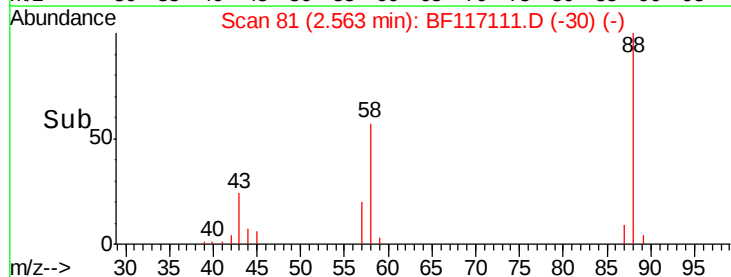
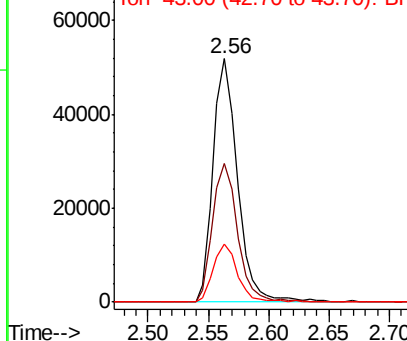
#2

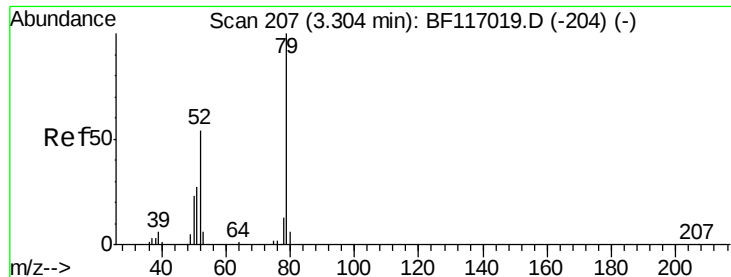
1,4-Dioxane
Concen: 35.847 ng
RT: 2.56 min Scan# 81
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.3	49.3	73.9
43	23.7	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: 37.033 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

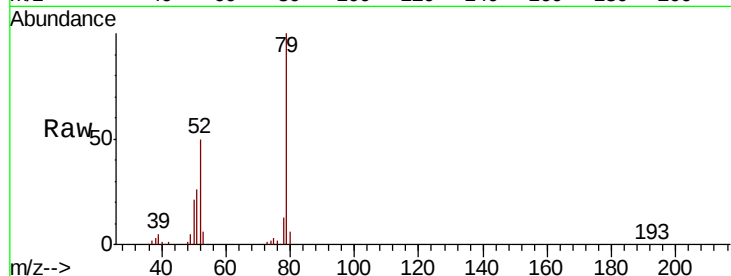
Tot Ion: 79 Resp: 205193

Ion Ratio Lower Upper

79 100

52 49.9 43.5 65.3

51 25.8 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

100000

80000

60000

40000

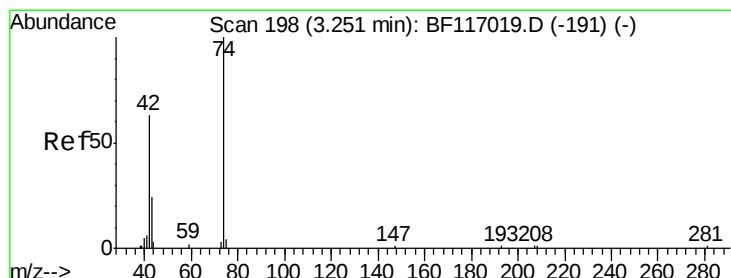
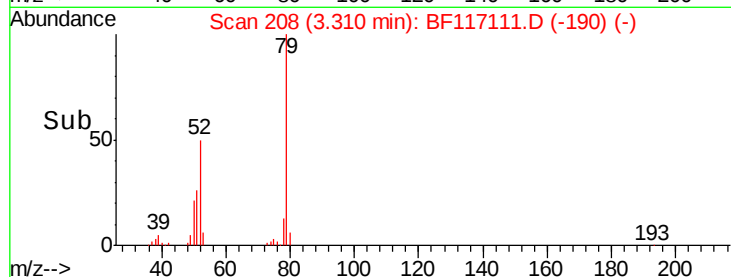
20000

0

3.31

3.20 3.30 3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 34.754 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

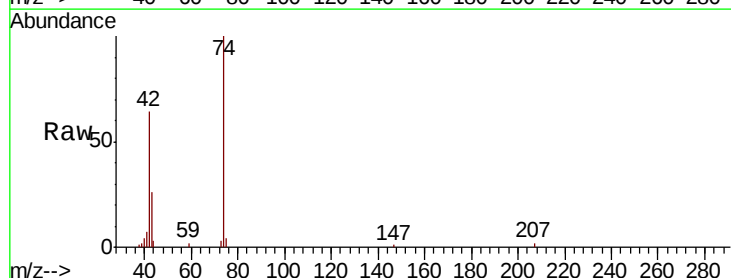
Tgt Ion: 42 Resp: 66084

Ion Ratio Lower Upper

42 100

74 155.7 127.1 190.7

44 4.8 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

60000

40000

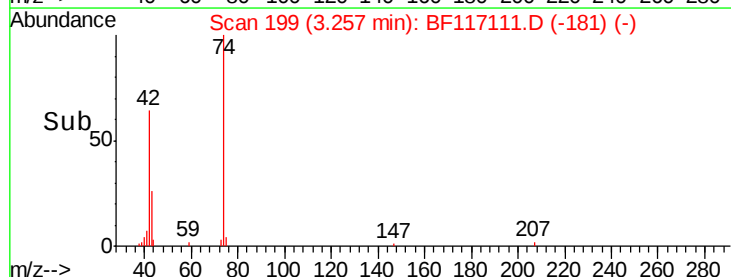
20000

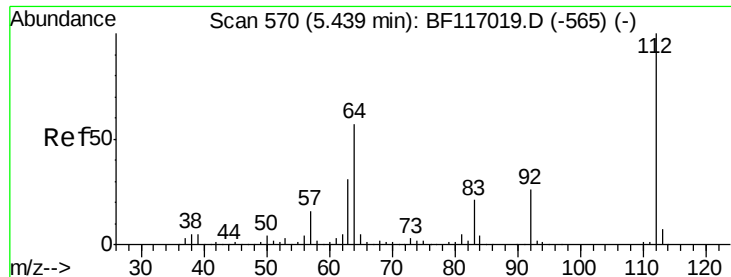
0

3.26

3.20 3.25 3.30 3.35

Time-->





#5

2-Fluorophenol

Concen: 74.645 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

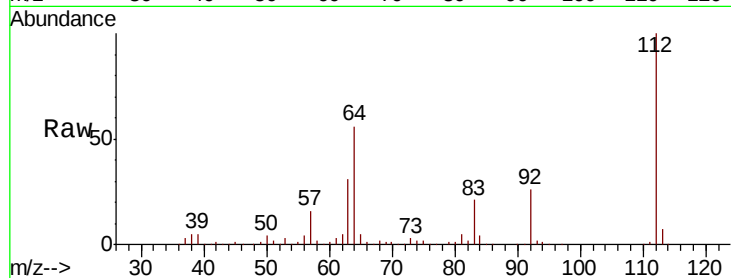
Tot Ion: 112 Resp: 361111

Ion Ratio Lower Upper

112 100

64 55.6 45.7 68.5

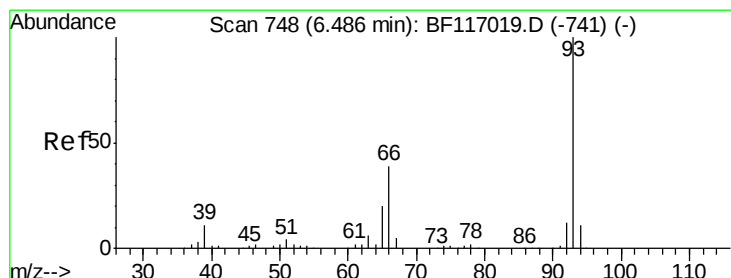
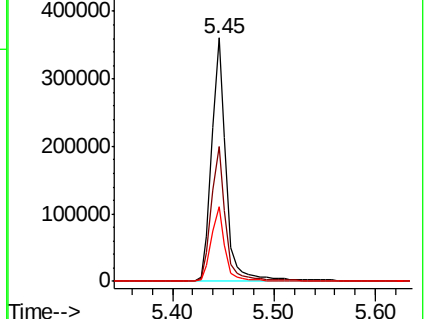
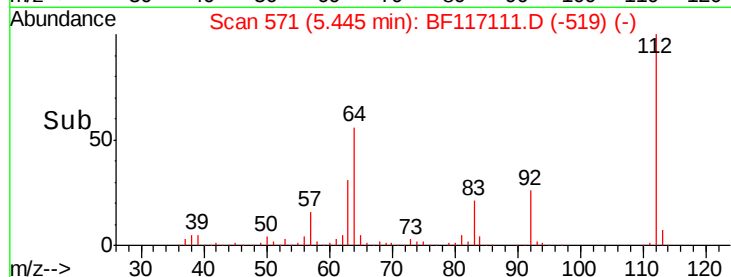
63 30.9 24.9 37.3



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



#6

Aniline

Concen: 37.273 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

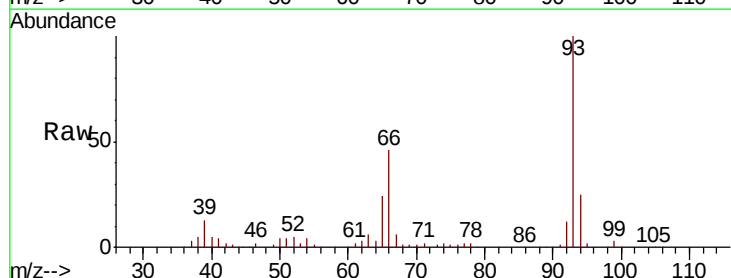
Tgt Ion: 93 Resp: 300035

Ion Ratio Lower Upper

93 100

66 45.8 32.6 49.0

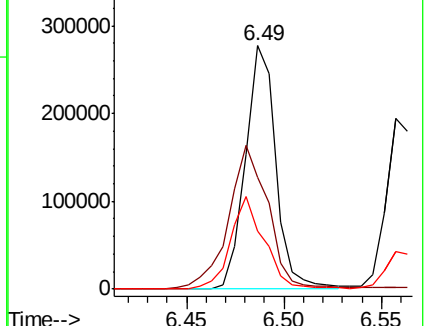
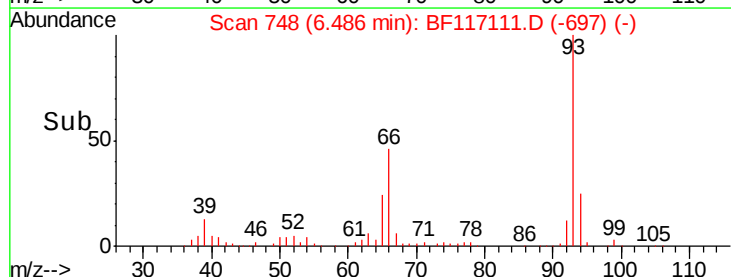
65 23.9 16.7 25.1

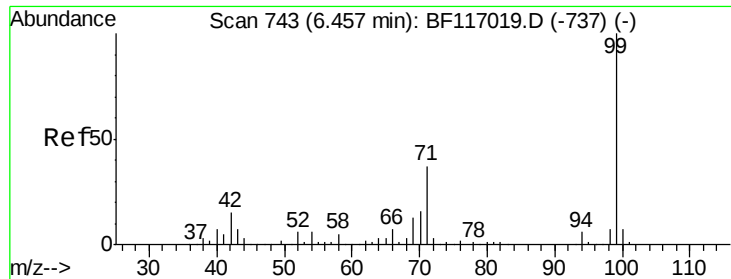


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.999 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampled :

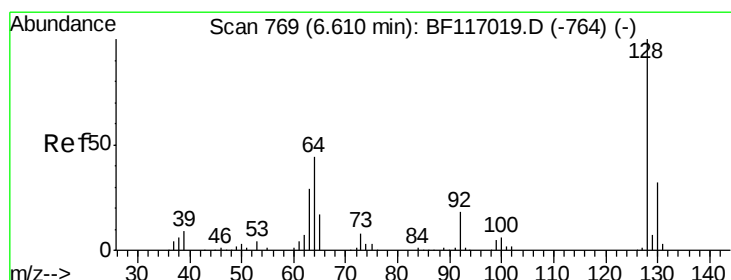
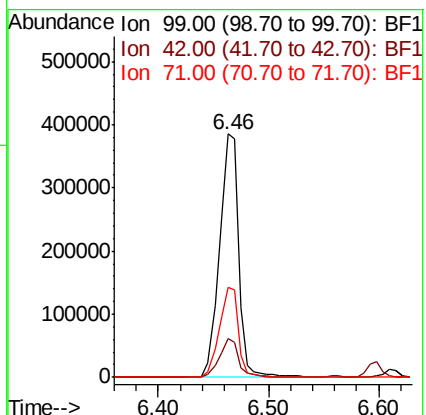
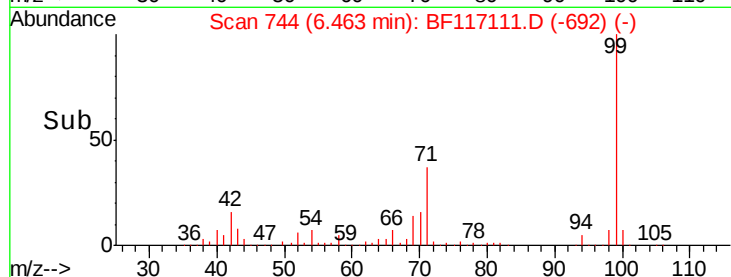
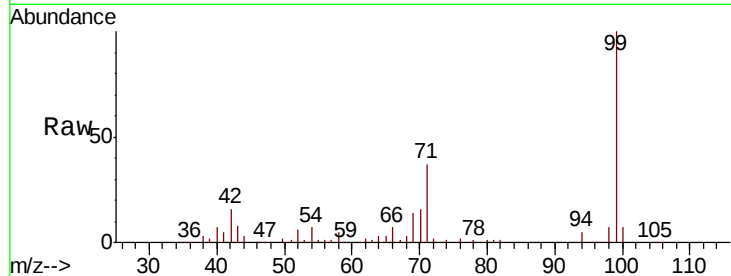
Tot Ion: 99 Resp: 468899

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 37.2 29.8 44.8



#8

2-Chlorophenol

Concen: 37.453 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

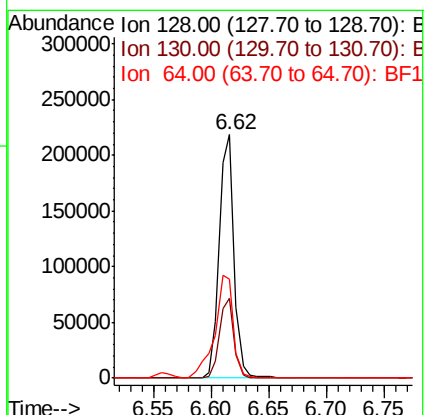
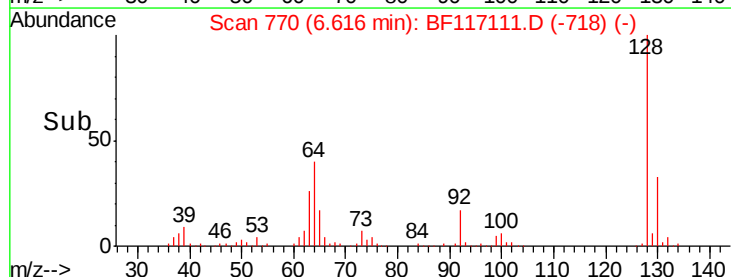
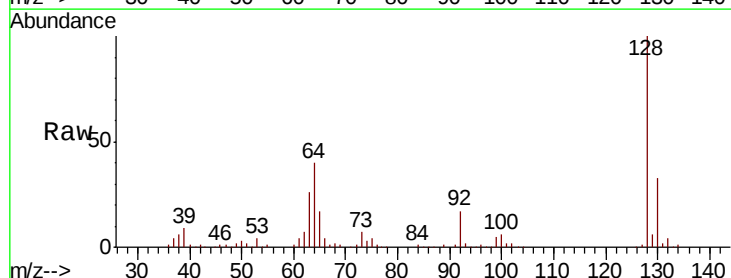
Tgt Ion: 128 Resp: 195467

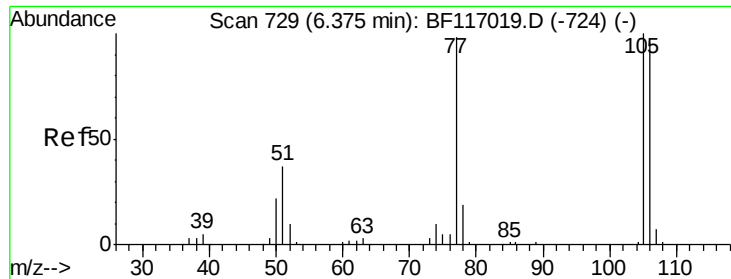
Ion Ratio Lower Upper

128 100

130 32.8 11.8 51.8

64 40.5 25.0 65.0





#9

Benzaldehyde

Concen: 42.056 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

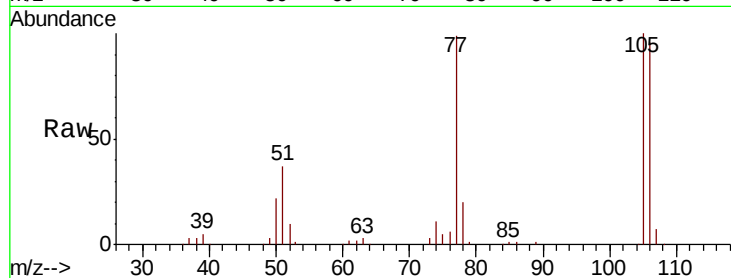
Tot Ion: 77 Resp: 129863

Ion Ratio Lower Upper

77 100

105 101.1 81.8 121.8

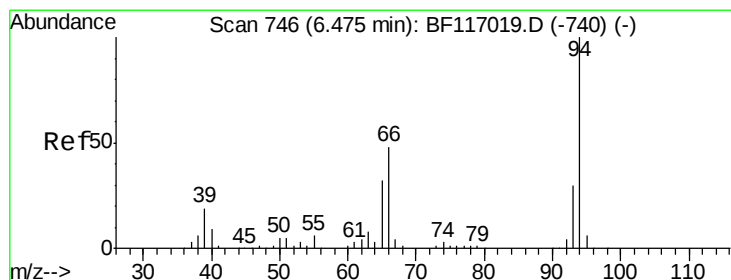
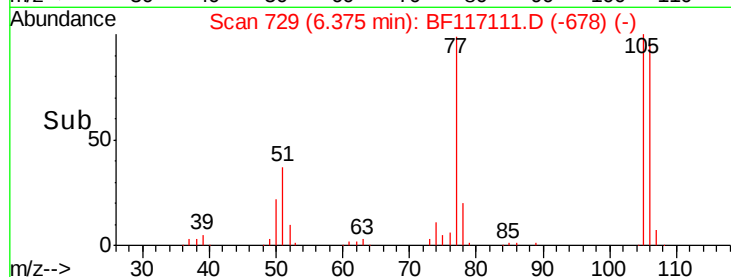
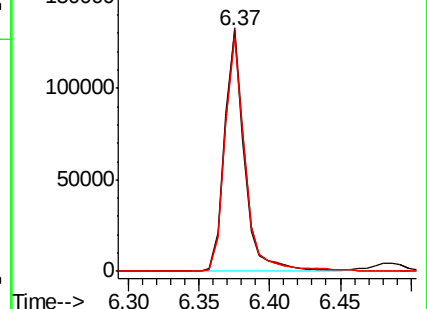
106 97.0 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.085 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

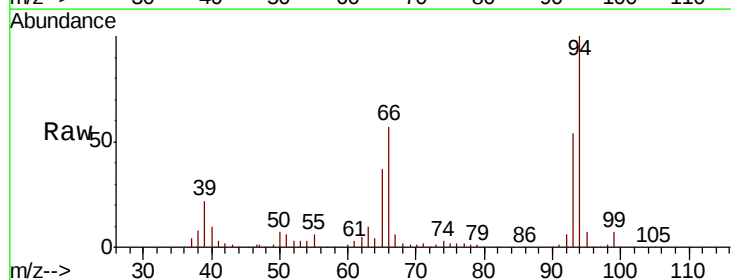
Tgt Ion: 94 Resp: 255606

Ion Ratio Lower Upper

94 100

65 36.9 12.5 52.5

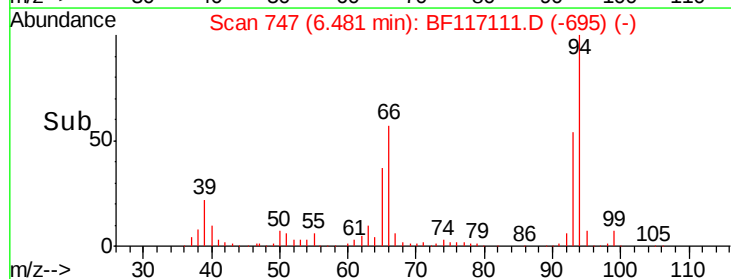
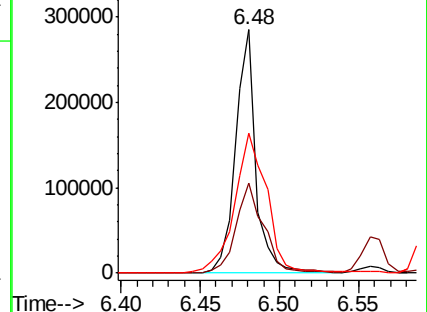
66 57.4 28.9 68.9



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

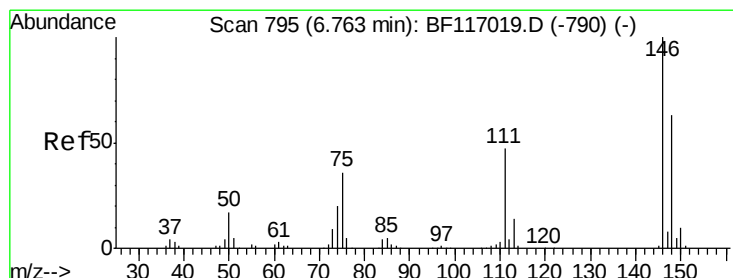
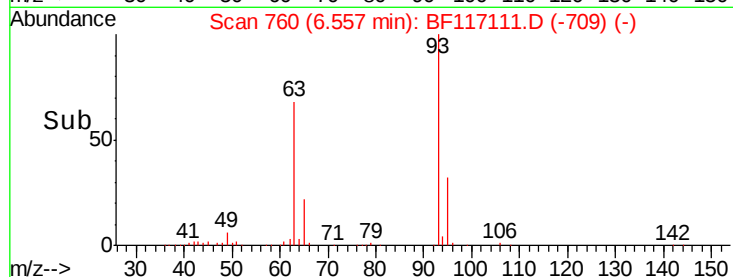
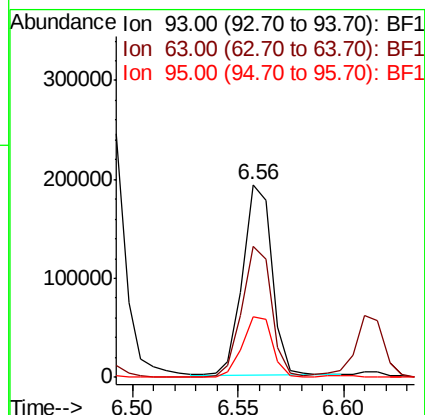
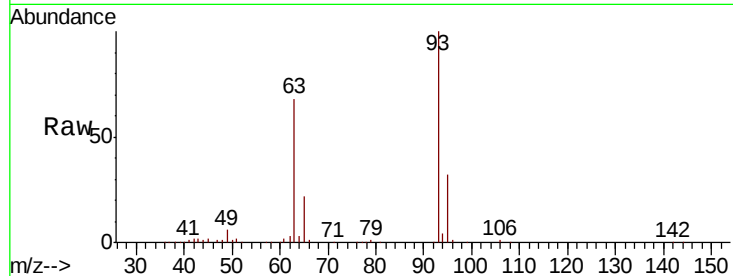




#11
 bis(2-Chloroethyl)ether
 Concen: 36.990 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

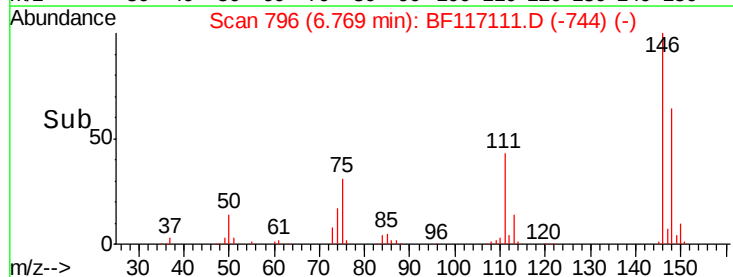
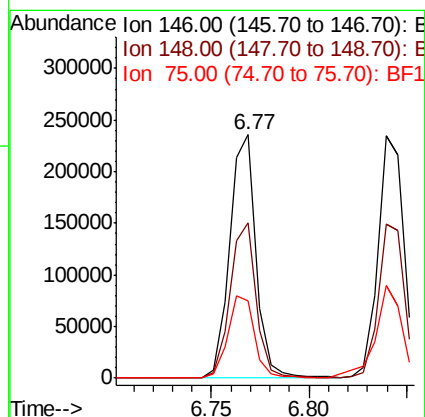
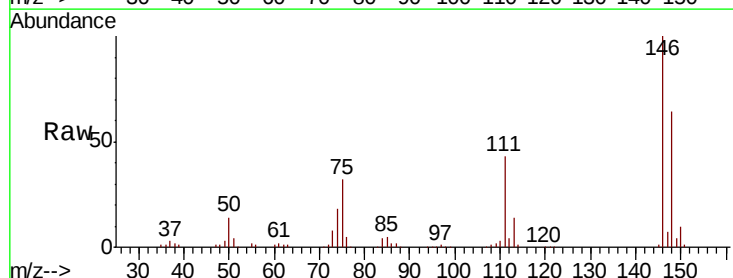
Instrument :
 BNA_F
 ClientSampleId :

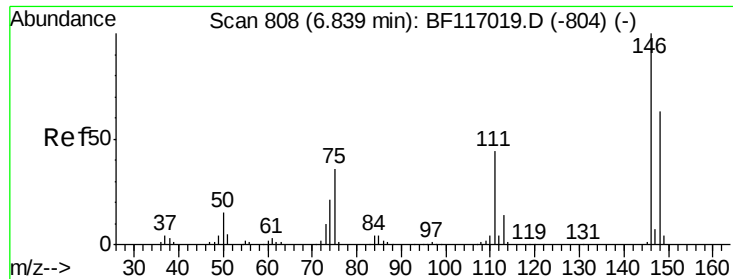
Tot Ion: 93 Resp: 187380
 Ion Ratio Lower Upper
 93 100
 63 68.2 49.3 89.3
 95 31.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.566 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion: 146 Resp: 219998
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 75 31.5 28.7 43.1

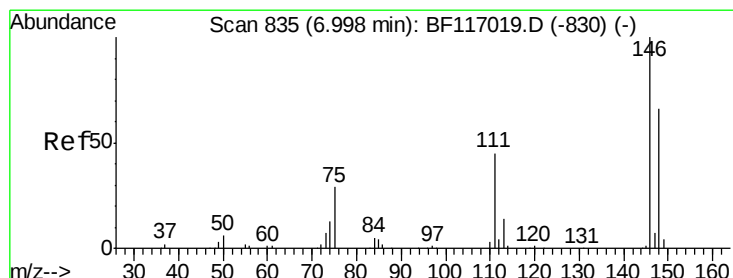
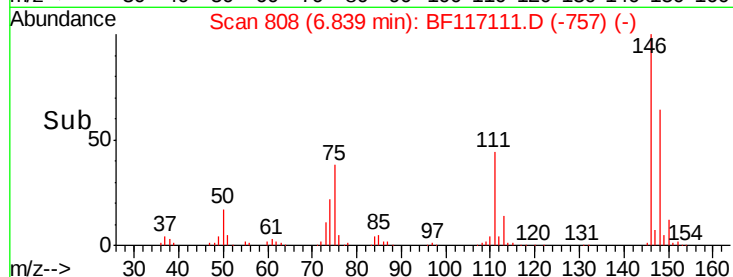
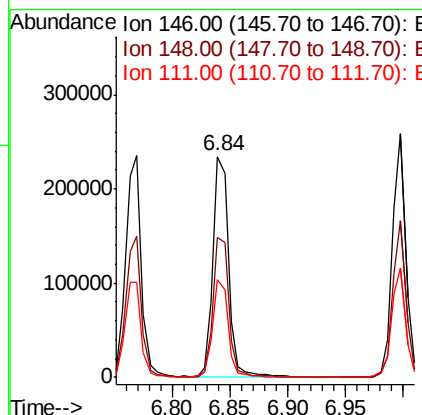
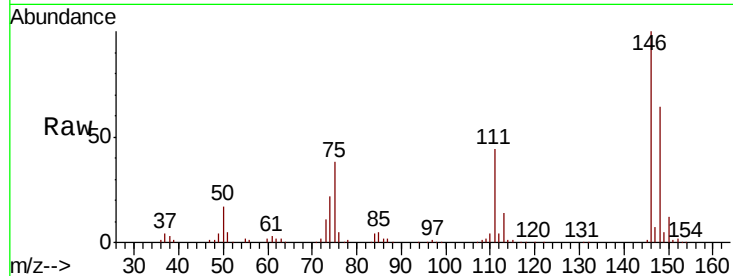




#13
 1,4-Dichlorobenzene
 Concen: 37.727 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

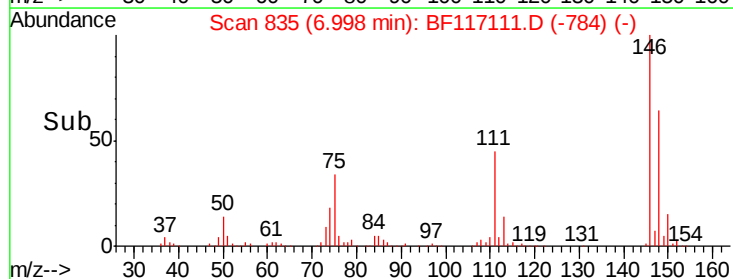
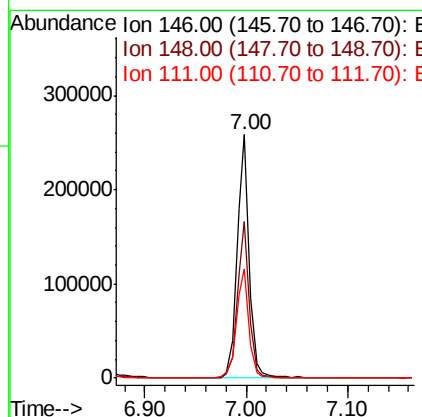
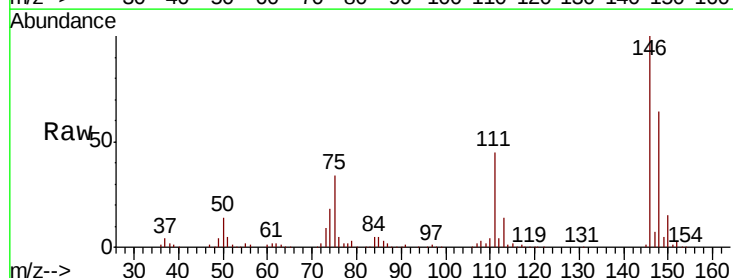
Instrument :
 BNA_F
 ClientSampleId :

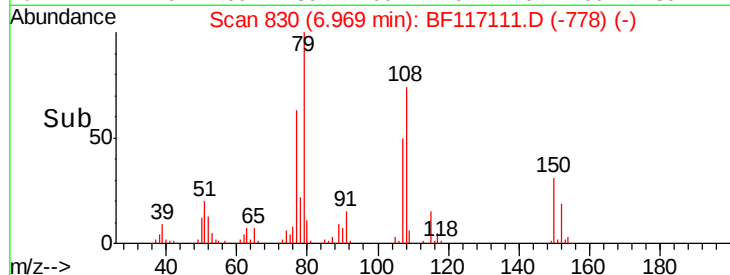
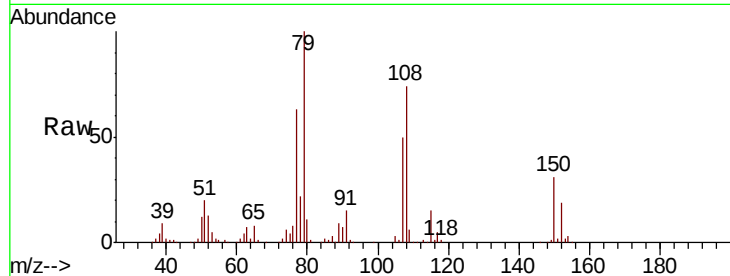
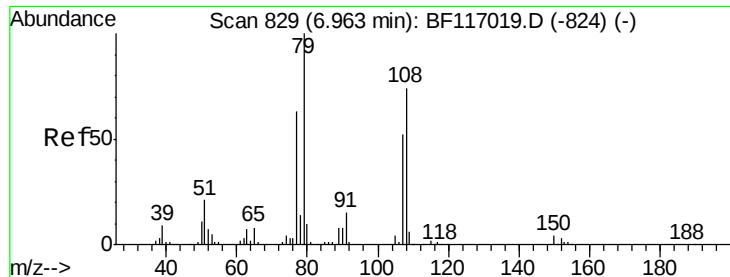
Tot Ion:146 Resp: 225476
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 44.3 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 38.448 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion:146 Resp: 213940
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.6 78.8
 111 44.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.191 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

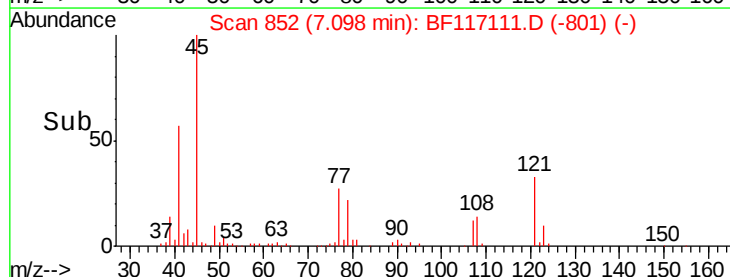
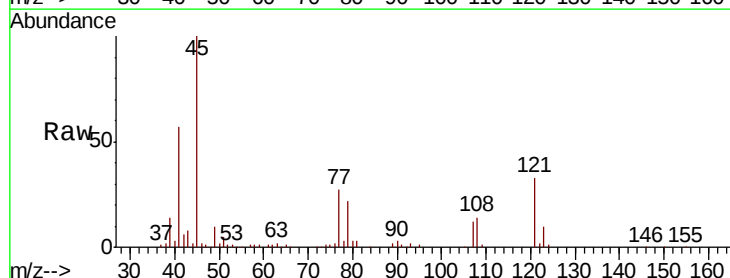
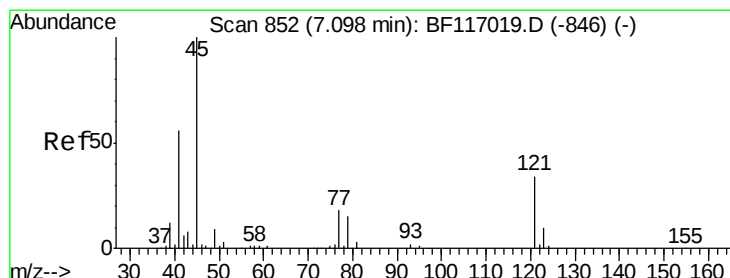
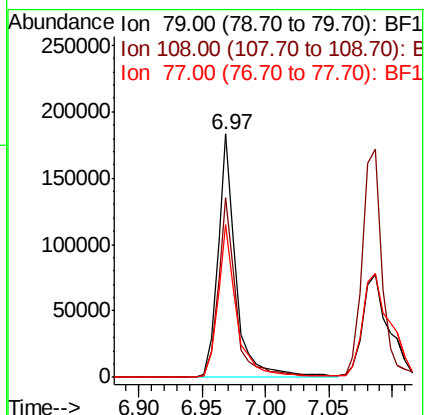
Tot Ion: 79 Resp: 183103

Ion Ratio Lower Upper

79 100

108 74.0 59.4 89.0

77 62.8 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.701 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

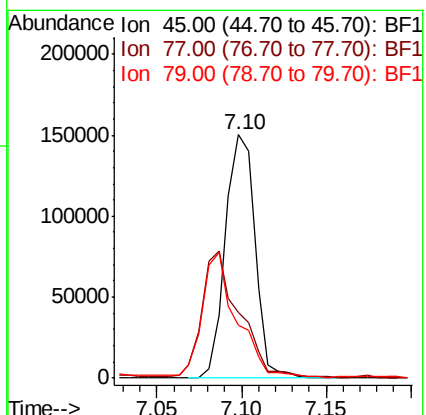
Tgt Ion: 45 Resp: 183682

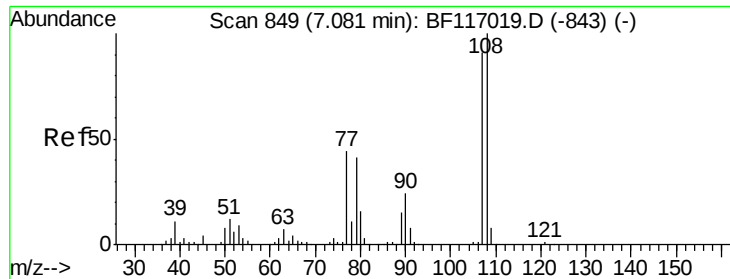
Ion Ratio Lower Upper

45 100

77 26.8 2.7 42.7

79 21.8 0.0 38.9

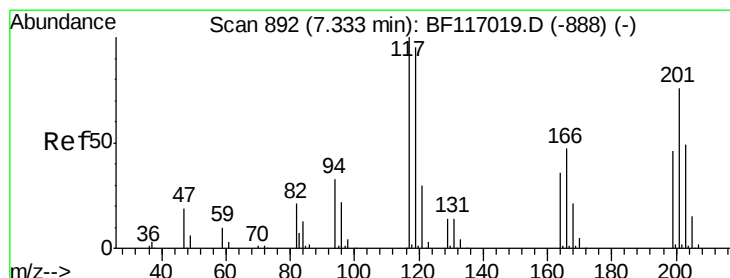
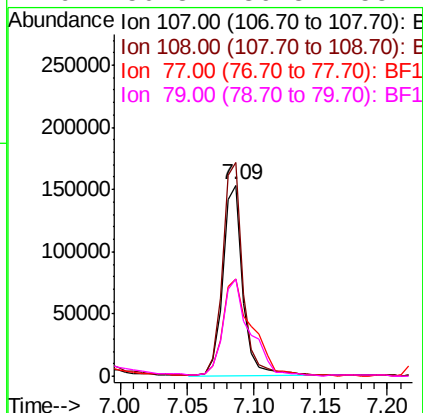
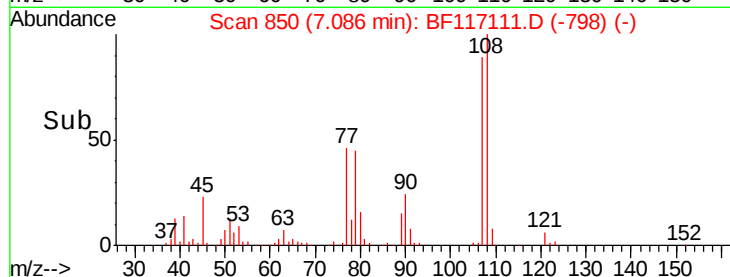
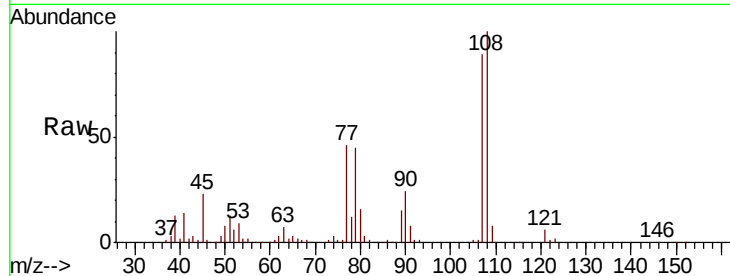




#17
2-Methylphenol
Concen: 37.207 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

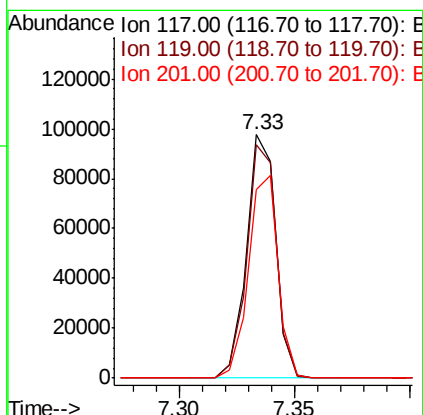
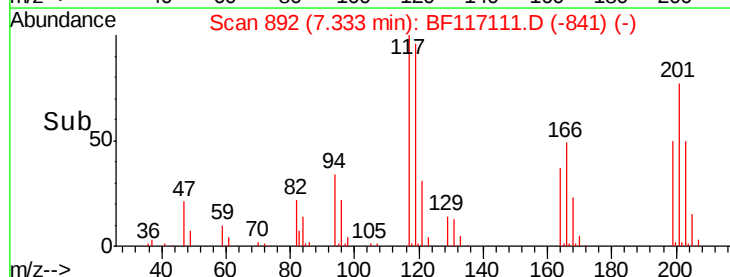
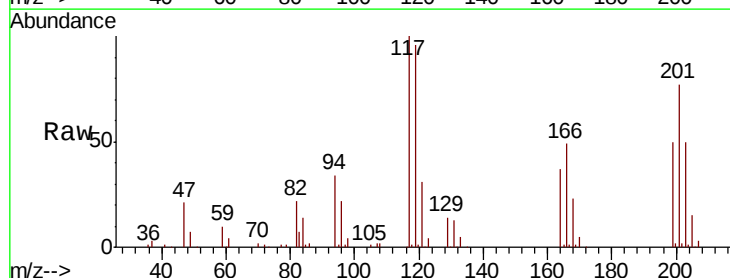
Instrument :
BNA_F
ClientSampleId :

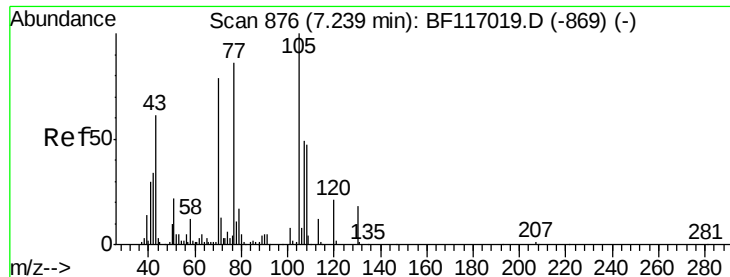
Tot Ion:107 Resp: 162744
Ion Ratio Lower Upper
107 100
108 111.8 87.7 131.5
77 51.2 38.6 58.0
79 50.8 36.8 55.2



#18
Hexachloroethane
Concen: 37.653 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion:117 Resp: 86570
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 77.3 60.9 91.3

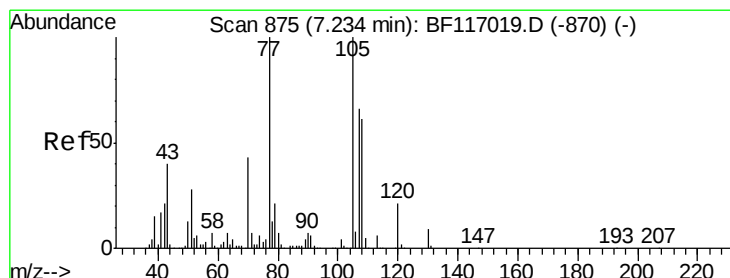
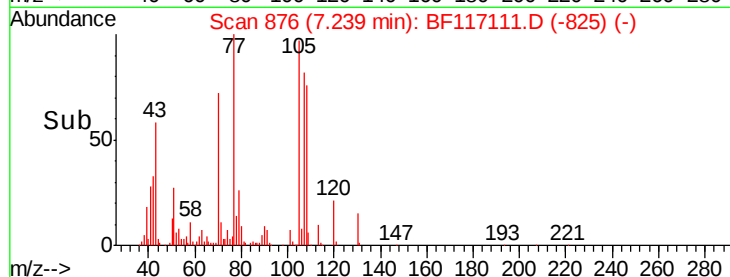
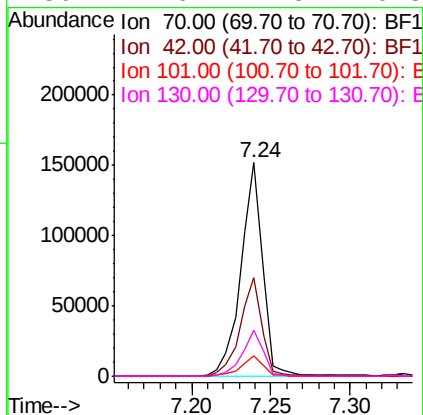
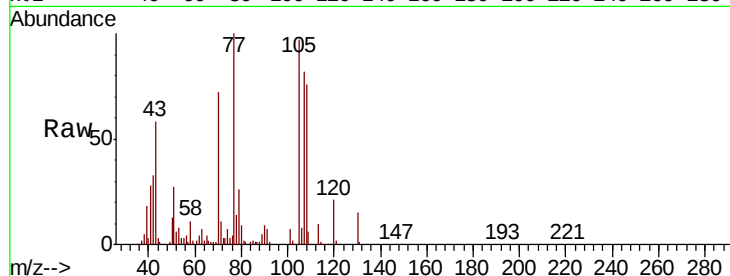




#19
n-Nitroso-di-n-propylamine
Concen: 37.865 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

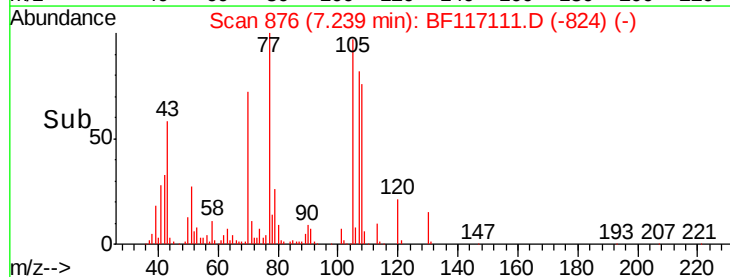
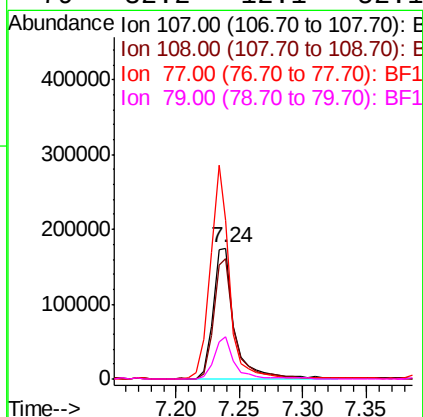
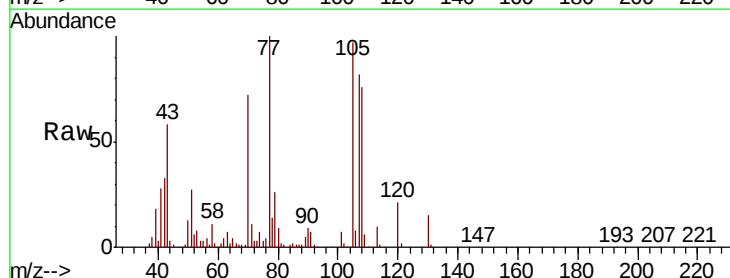
Instrument :
BNA_F
ClientSampleId :

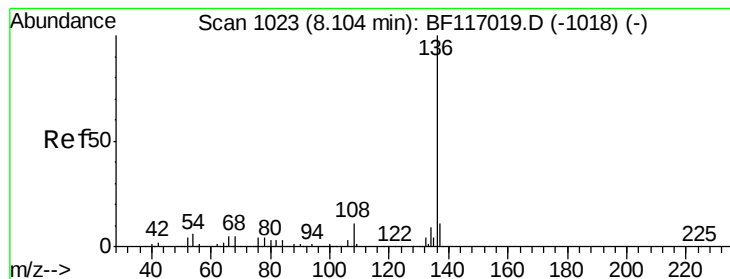
Tot Ion:	70	Resp:	144153
Ion	Ratio	Lower	Upper
70	100		
42	46.4	34.0	51.0
101	9.9	7.8	11.6
130	21.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 37.874 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion:	107	Resp:	206346
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.6	112.6
77	121.6	132.1	172.1#
79	32.2	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 308406

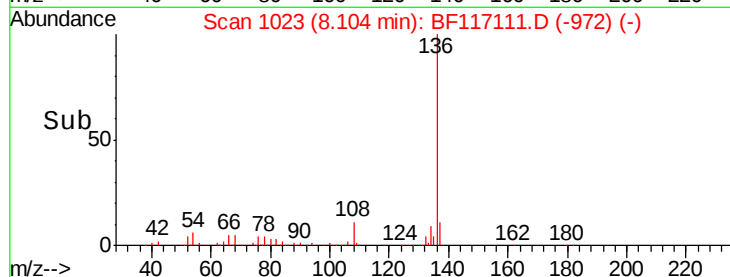
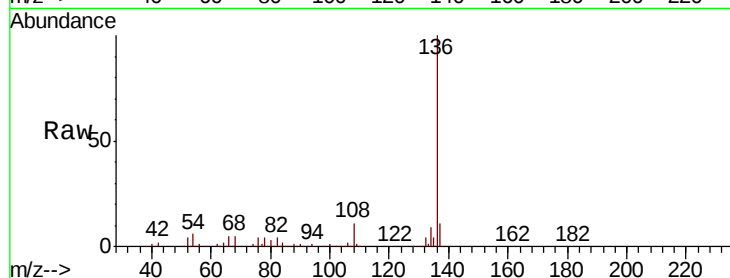
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 5.9 4.5 6.7

68 4.9 4.0 6.0

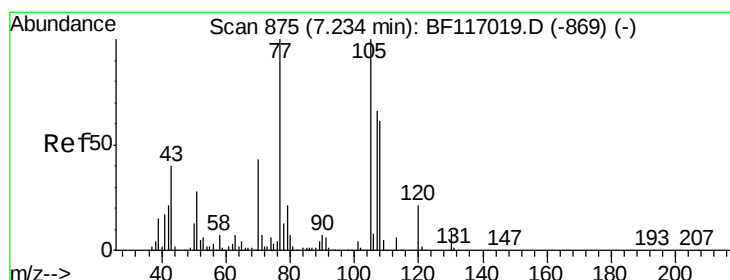
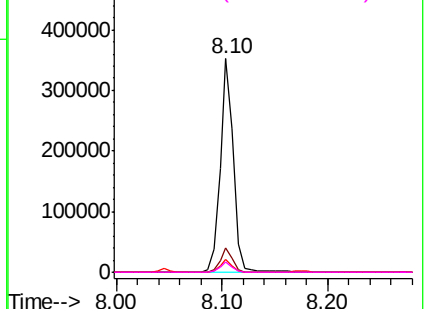


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.463 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Tgt Ion:105 Resp: 301384

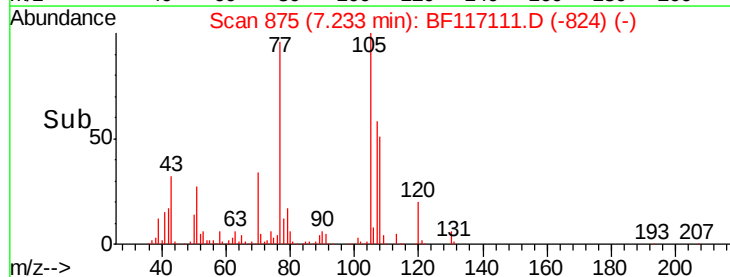
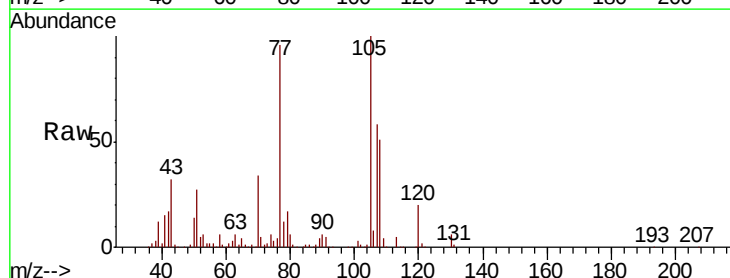
Ion Ratio Lower Upper

105 100

71 5.4 5.7 8.5#

51 26.8 22.1 33.1

120 20.4 17.1 25.7

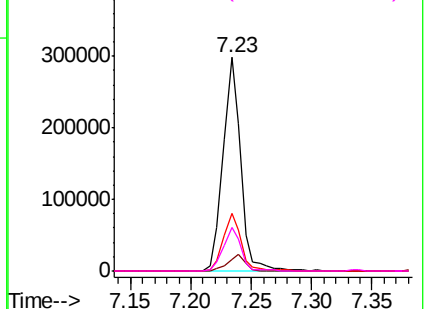


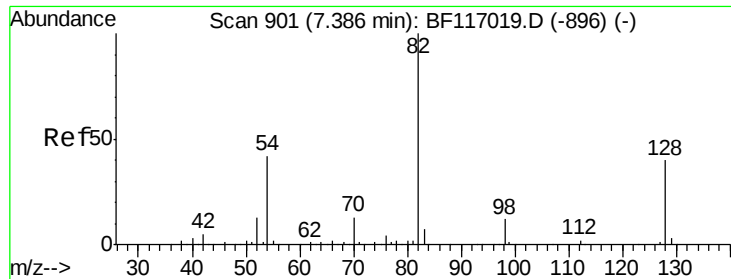
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

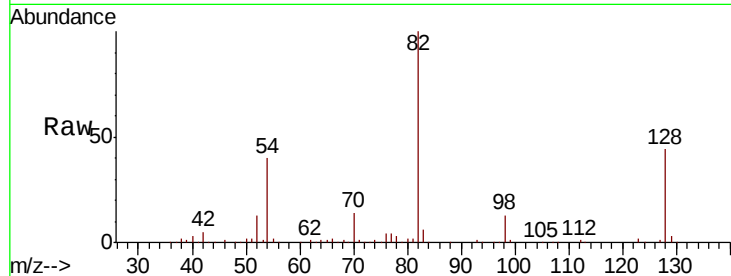




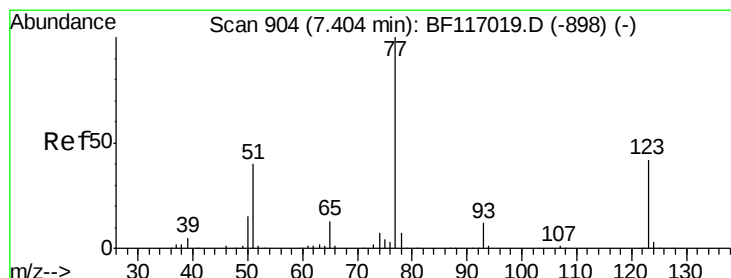
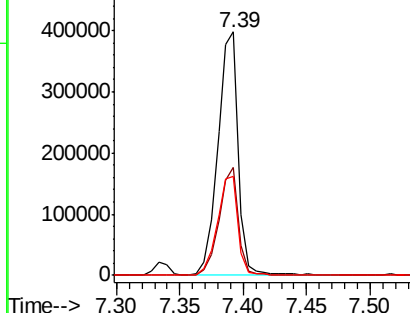
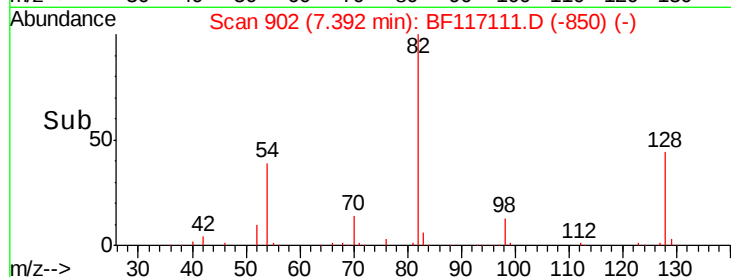
#23
 Nitrobenzene-d5
 Concen: 76.168 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	447079
Ion Ratio	100	Lower	Upper
128	44.1	32.3	48.5
54	40.4	33.3	49.9

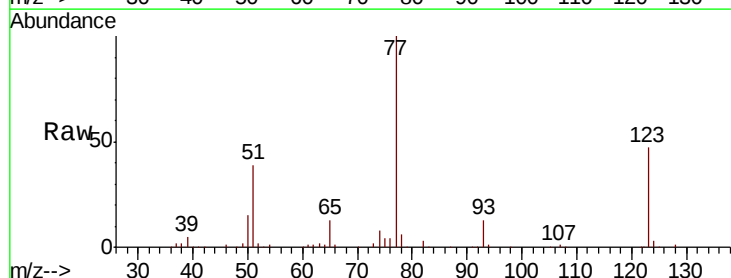


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

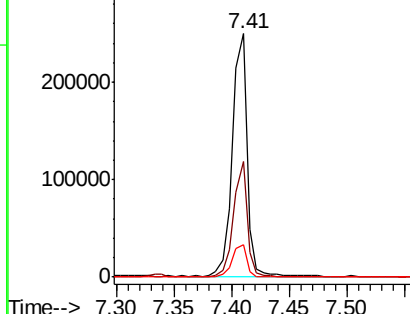
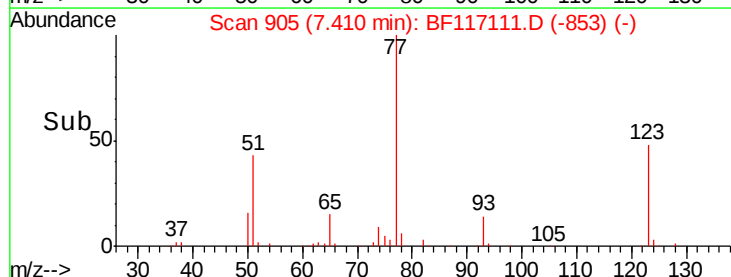


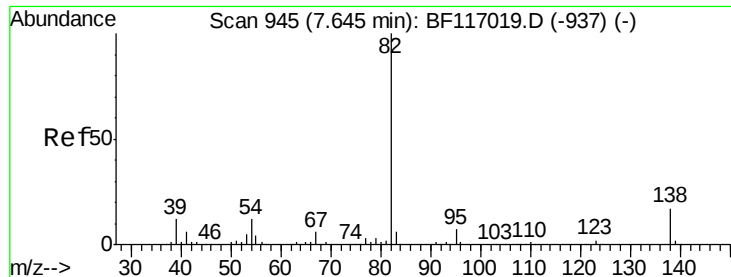
#24
 Nitrobenzene
 Concen: 38.034 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion	77	Resp	220465
Ion Ratio	100	Lower	Upper
123	47.5	33.5	50.3
65	13.1	10.5	15.7



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





#25

Isophorone

Concen: 37.567 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

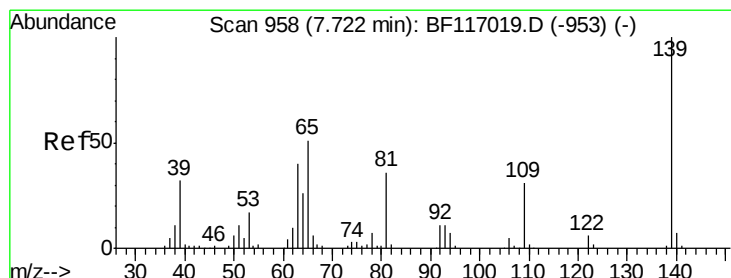
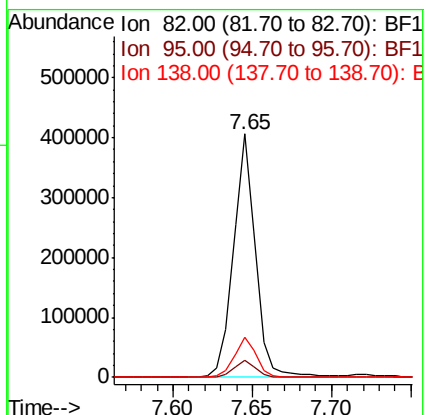
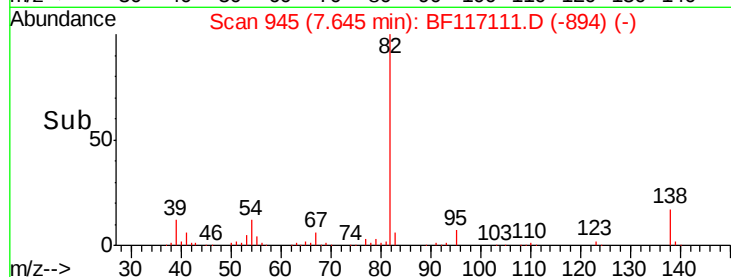
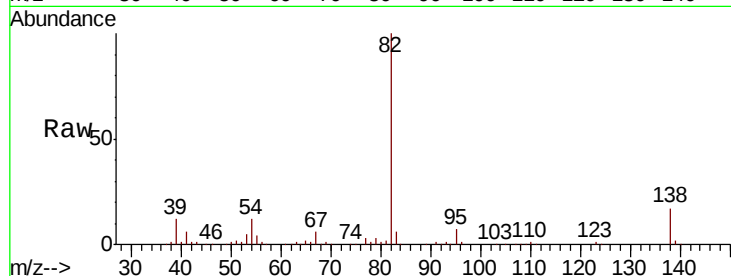
Tot Ion: 82 Resp: 390427

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 16.6 13.5 20.3



#26

2-Nitrophenol

Concen: 40.245 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

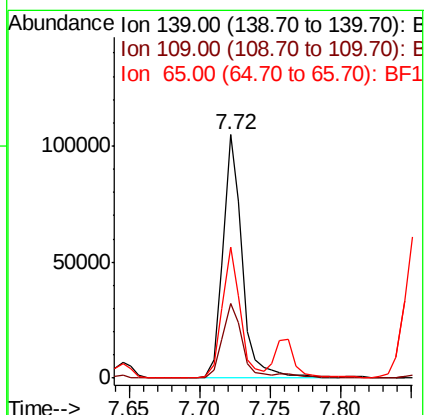
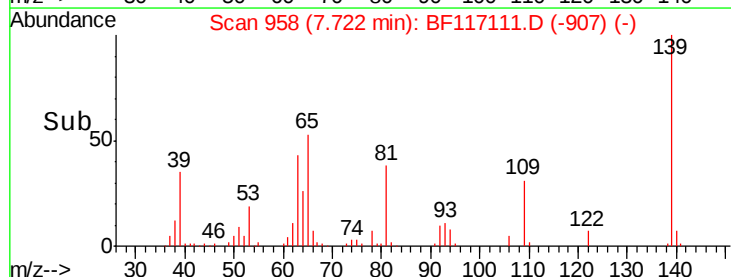
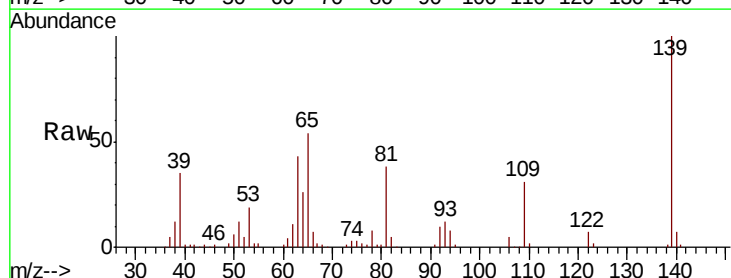
Tgt Ion: 139 Resp: 100201

Ion Ratio Lower Upper

139 100

109 30.8 24.6 36.8

65 53.7 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 38.111 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

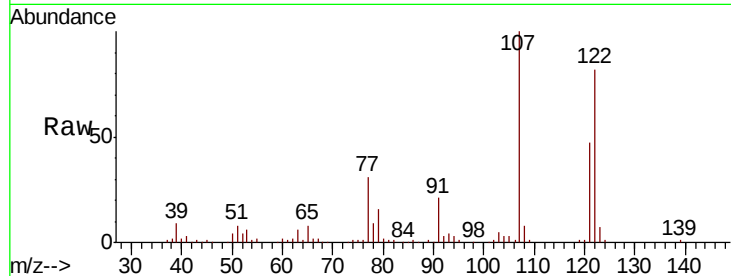
Tot Ion:122 Resp: 150475

Ion Ratio Lower Upper

122 100

107 121.7 98.9 148.3

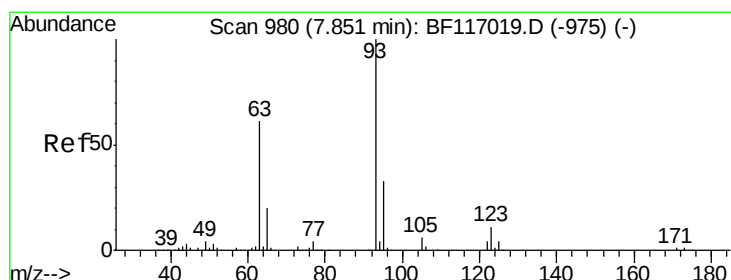
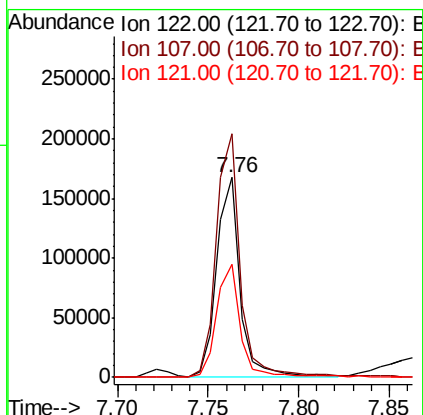
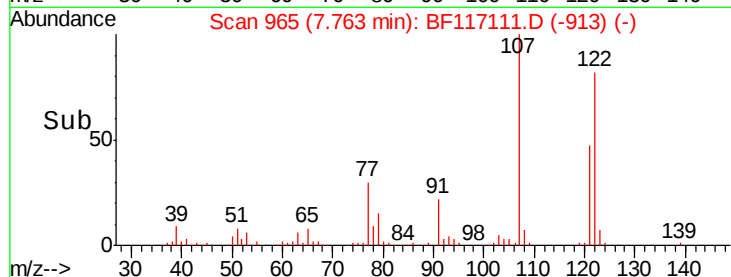
121 56.8 45.3 67.9



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: 38.480 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

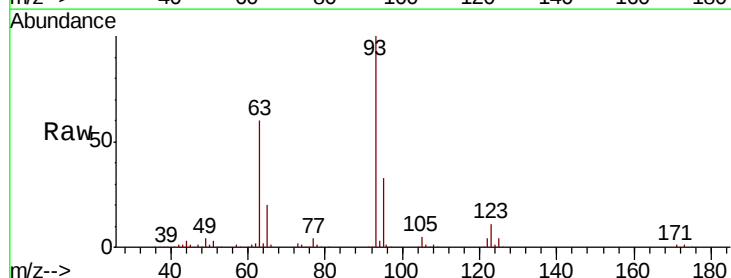
Tgt Ion: 93 Resp: 246389

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

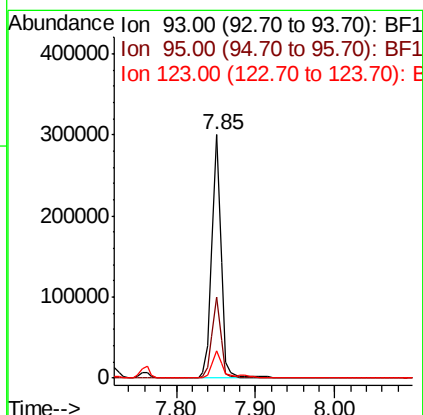
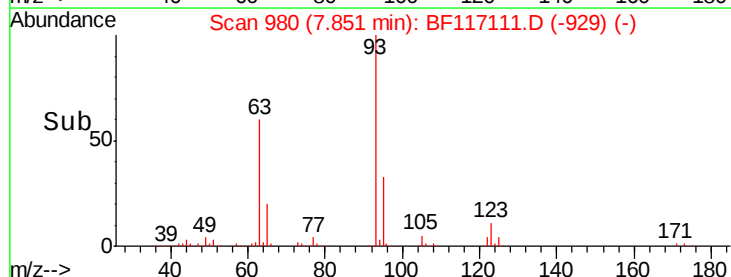
123 11.4 9.0 13.6

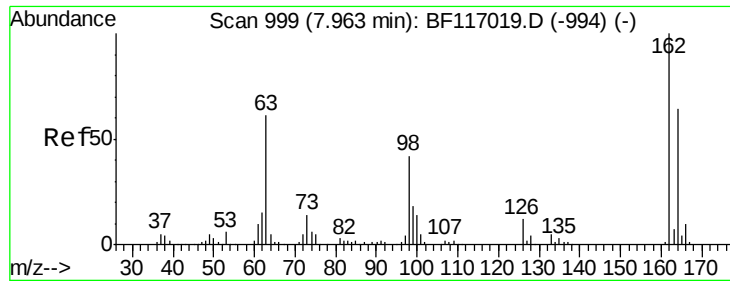


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

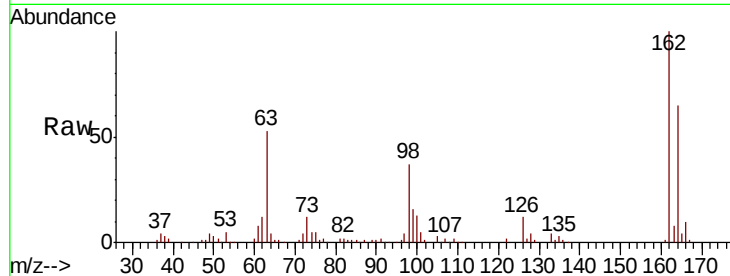




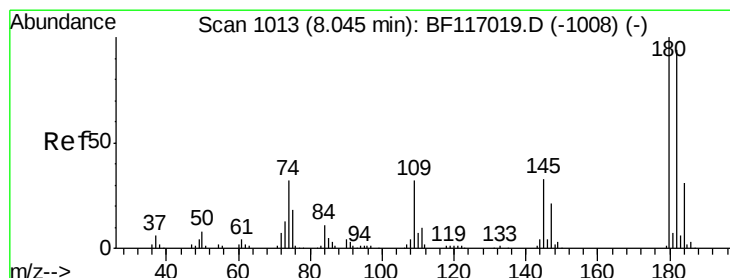
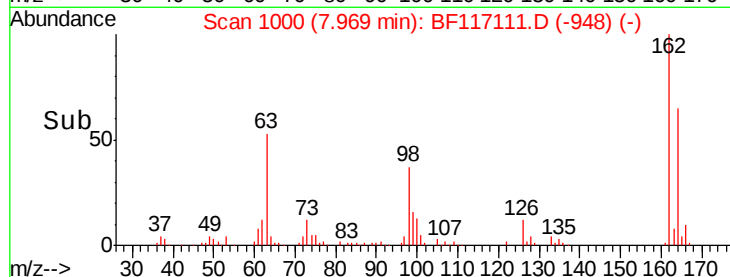
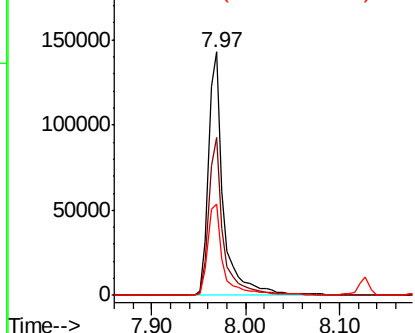
#29
2,4-Dichlorophenol
Concen: 38.972 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	37.5	22.1	62.1

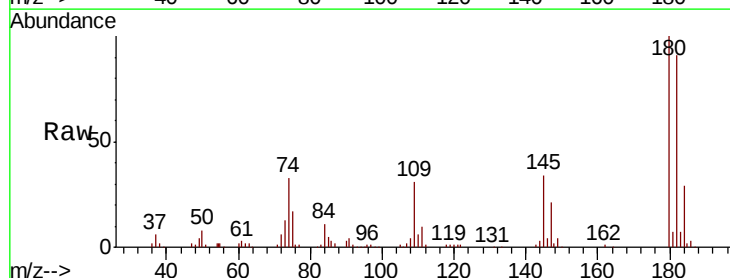


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

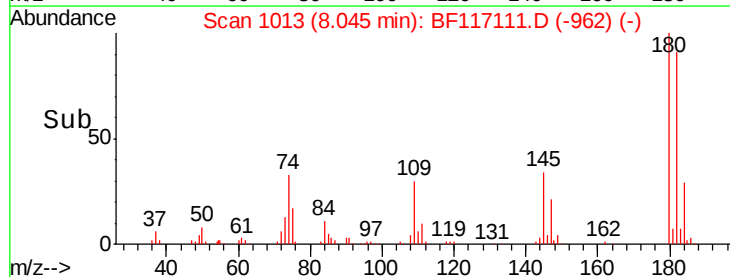
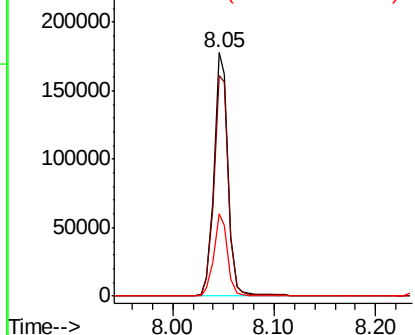


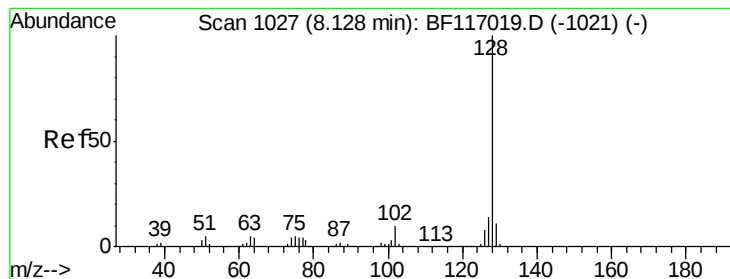
#30
1,2,4-Trichlorobenzene
Concen: 38.466 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	75.4	113.0
145	33.7	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: 38.254 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

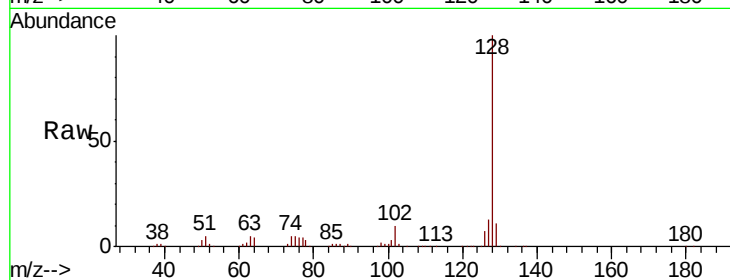
Tot Ion:128 Resp: 567403

Ion Ratio Lower Upper

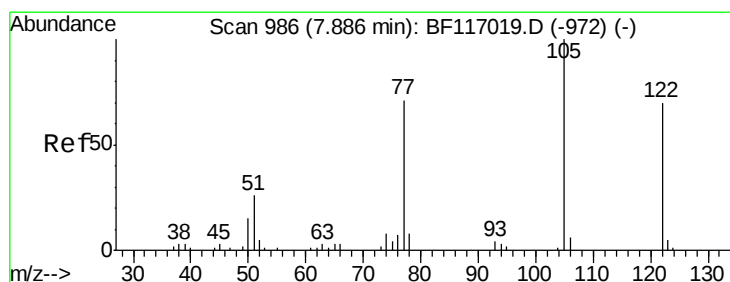
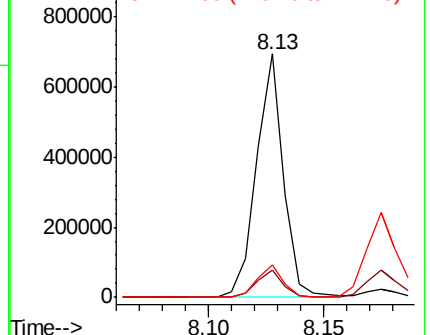
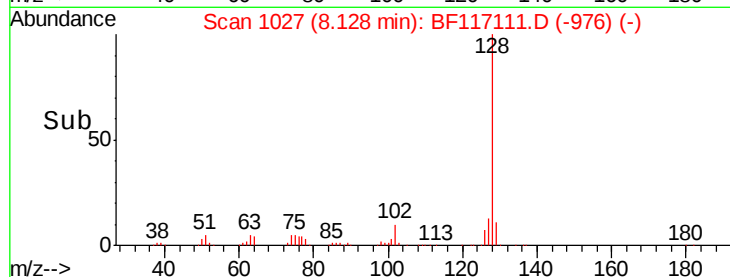
128 100

129 11.1 9.0 13.4

127 13.2 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: 33.172 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

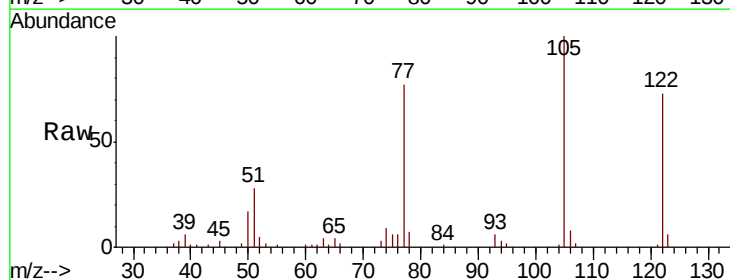
Tgt Ion:122 Resp: 91856

Ion Ratio Lower Upper

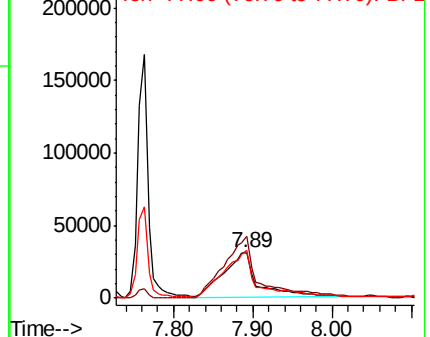
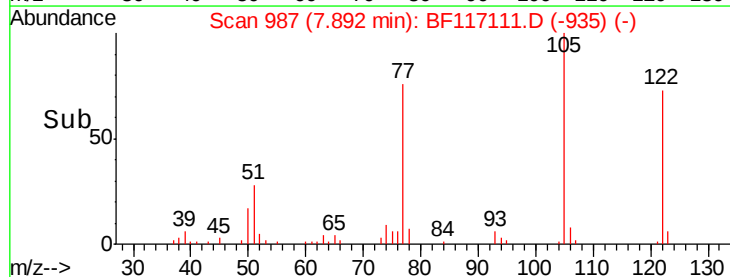
122 100

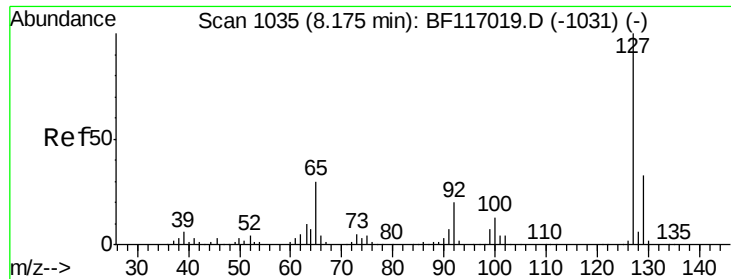
105 136.7 114.8 154.8

77 105.6 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

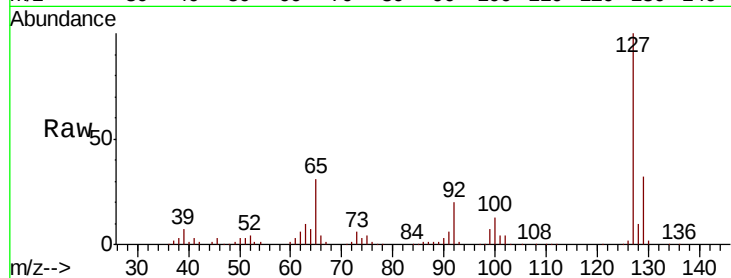




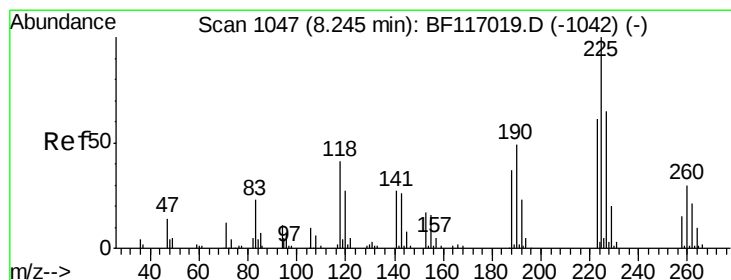
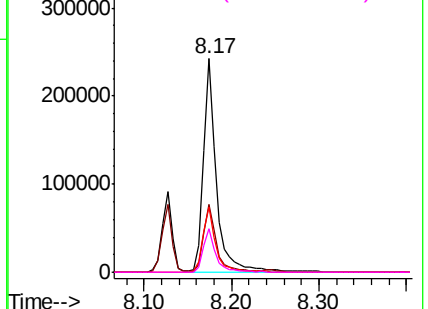
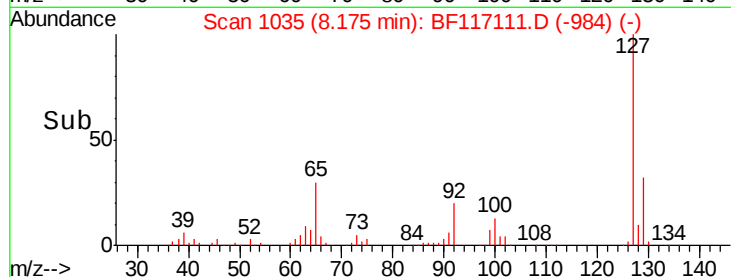
#33
4-Chloroaniline
Concen: 38.228 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	251492
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.2
65	30.9	23.5 35.3
92	20.5	15.9 23.9

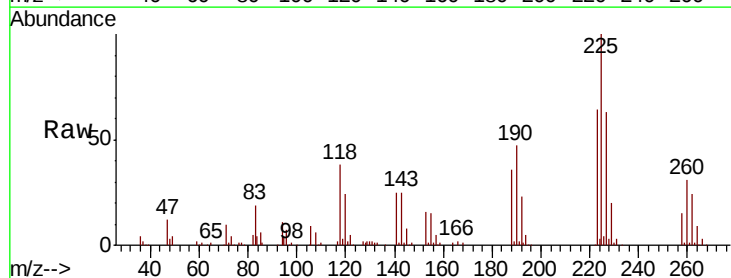


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

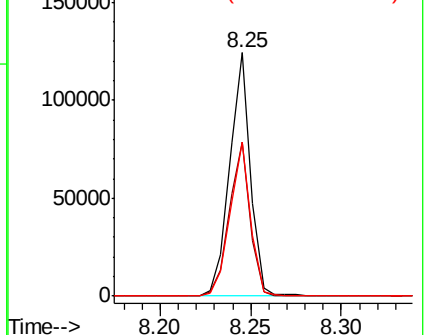
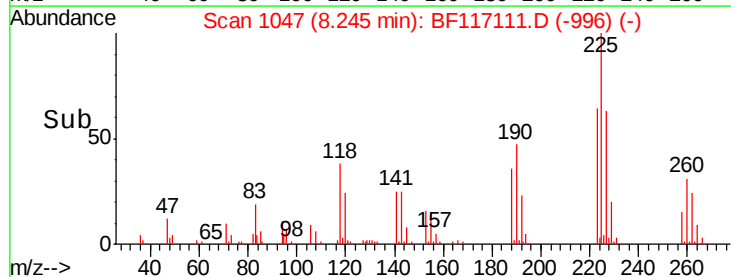


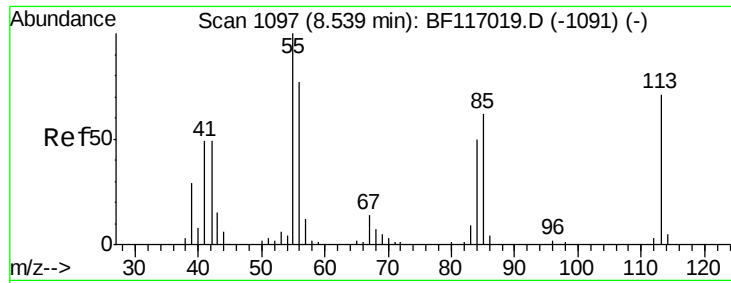
#34
Hexachlorobutadiene
Concen: 39.141 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion:225	Resp:	99254
Ion Ratio	Lower	Upper
225	100	
223	63.5	49.1 73.7
227	63.2	52.2 78.2



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

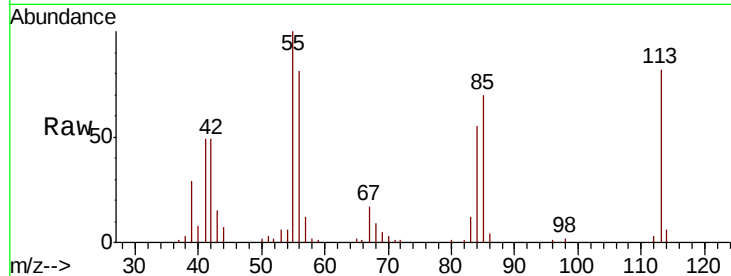




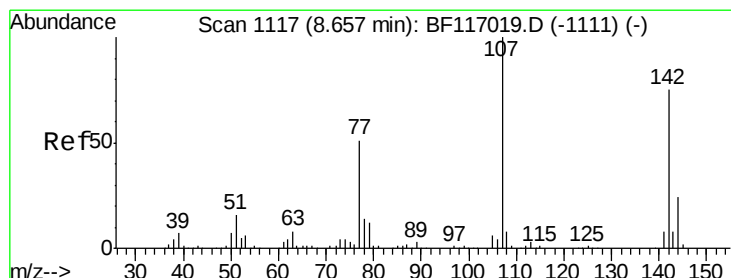
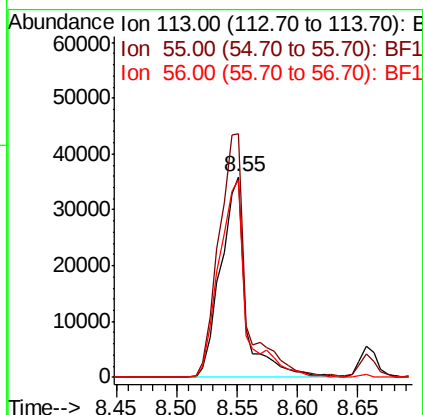
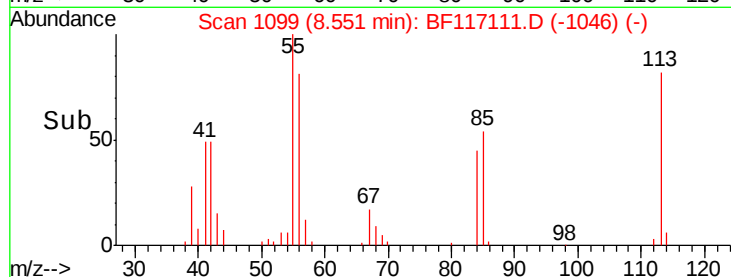
#35
 Caprolactam
 Concen: 37.192 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 52081
 Ion Ratio Lower Upper
 113 100
 55 121.4 120.6 160.6
 56 98.6 88.8 128.8

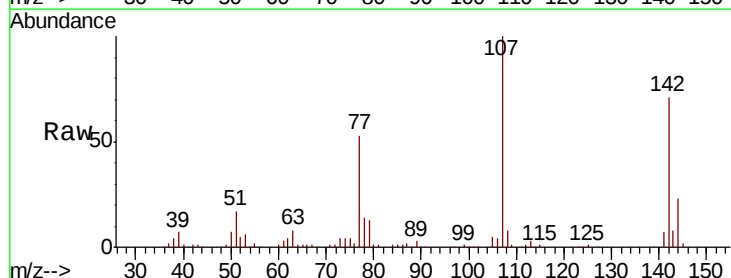


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

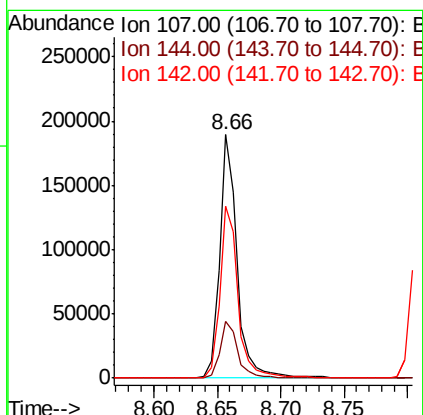
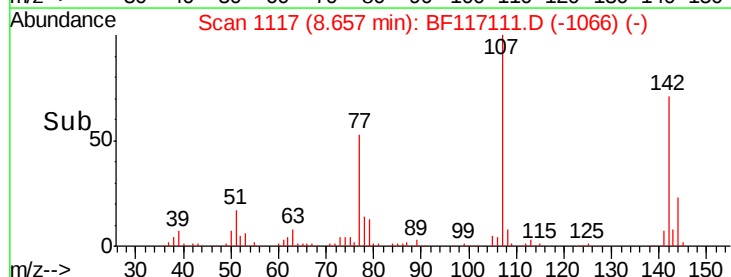


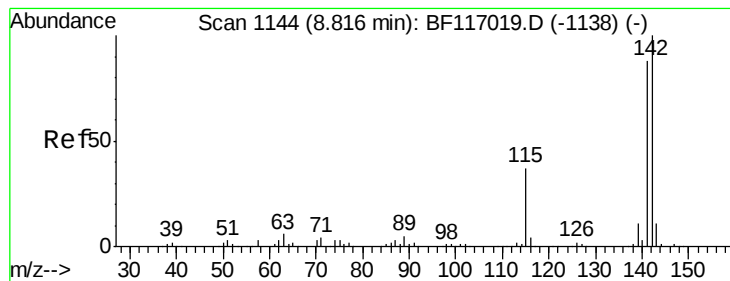
#36
 4-Chloro-3-methylphenol
 Concen: 38.156 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion:107 Resp: 184064
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.2 28.8
 142 70.8 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: 38.380 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampled :

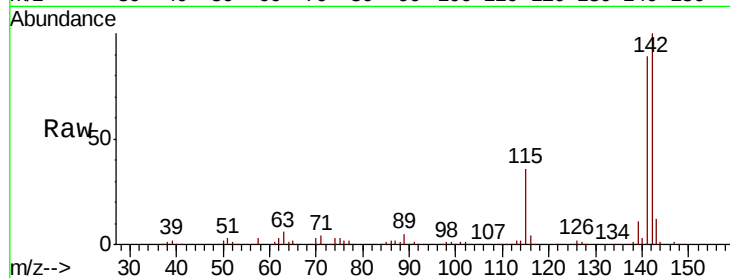
Tot Ion:142 Resp: 383339

Ion Ratio Lower Upper

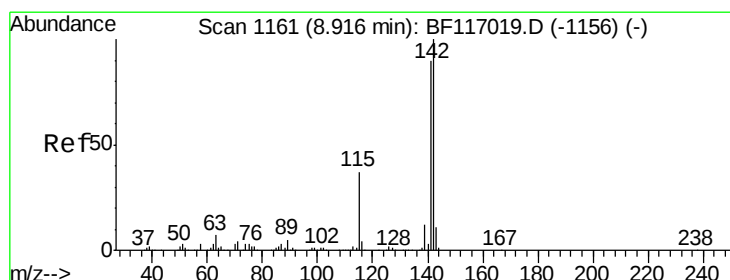
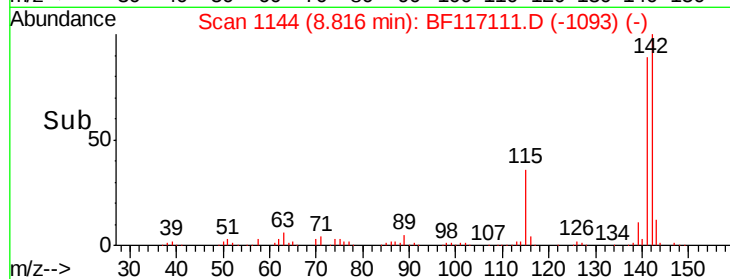
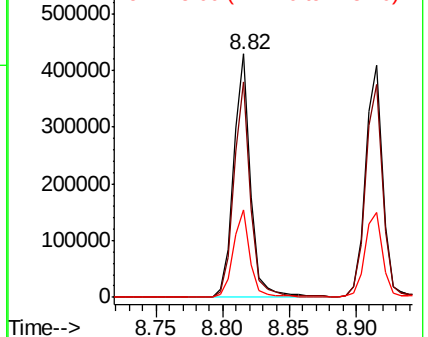
142 100

141 88.6 70.7 106.1

115 36.1 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: 38.298 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

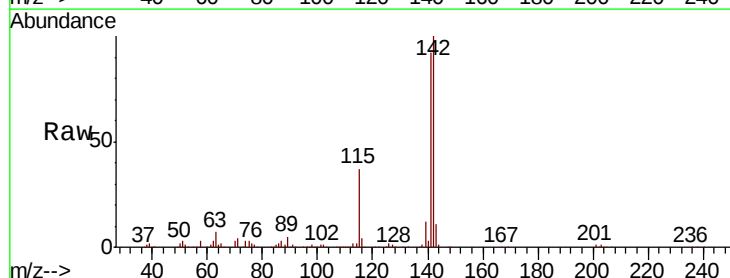
Tgt Ion:142 Resp: 358265

Ion Ratio Lower Upper

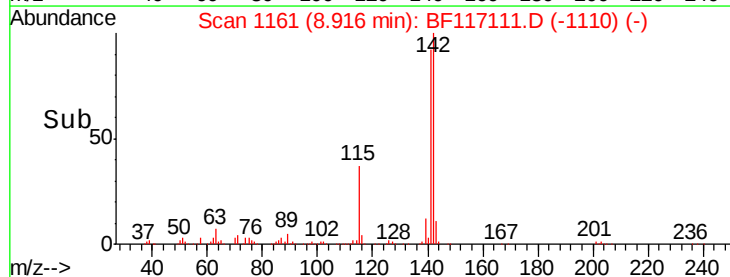
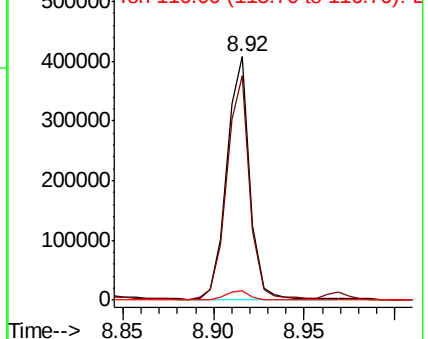
142 100

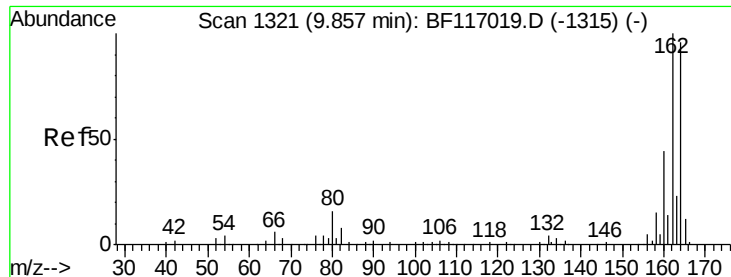
141 92.2 71.9 107.9

116 3.9 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

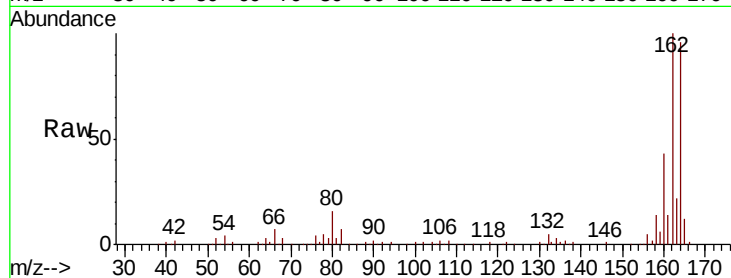
Tot Ion:164 Resp: 159482

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.2

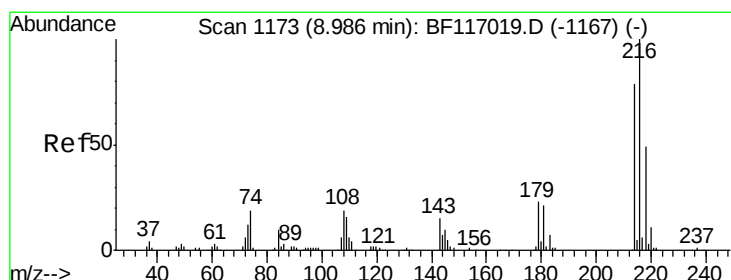
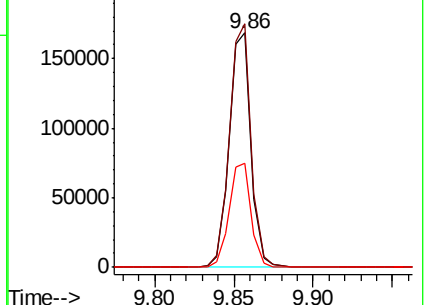
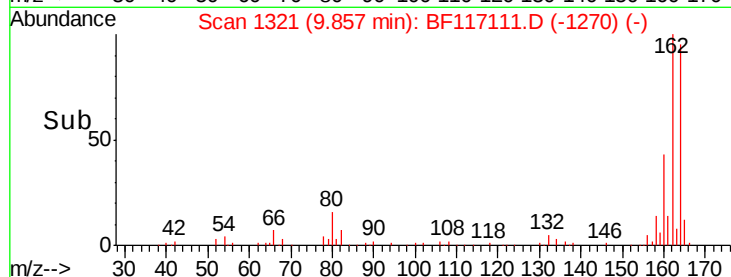
160 44.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.397 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Tgt Ion:216 Resp: 158129

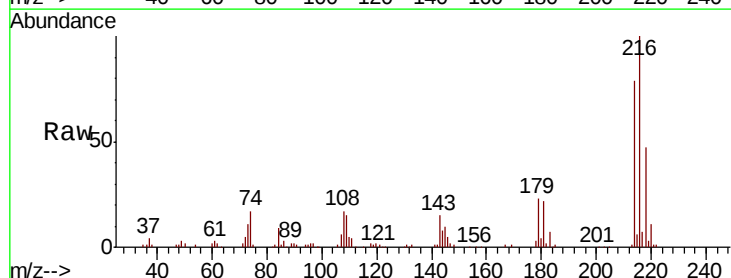
Ion Ratio Lower Upper

216 100

214 78.2 63.6 95.4

179 23.9 18.3 27.5

108 22.4 17.8 26.6

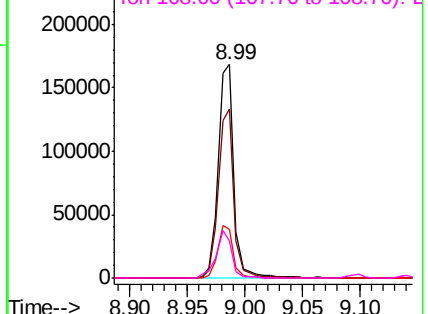
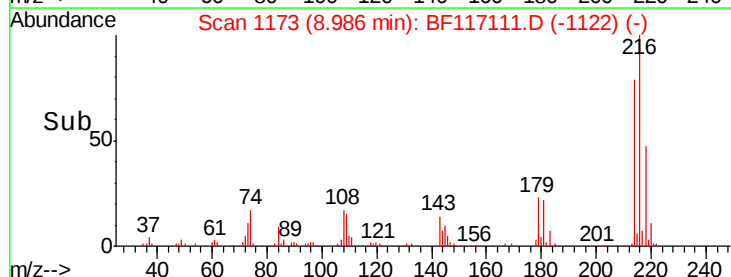


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.457 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

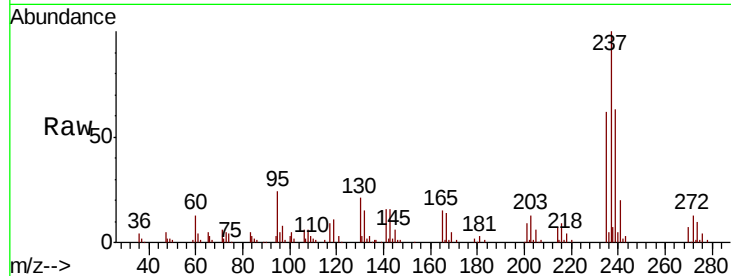
Tot Ion:237 Resp: 69854

Ion Ratio Lower Upper

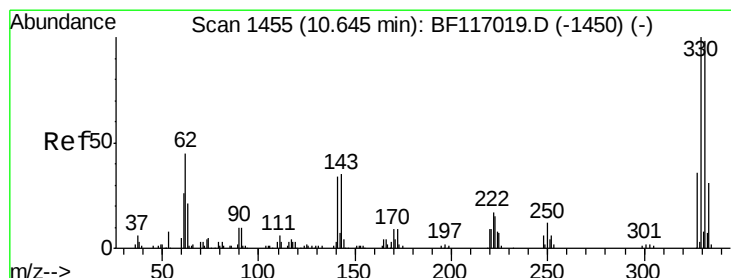
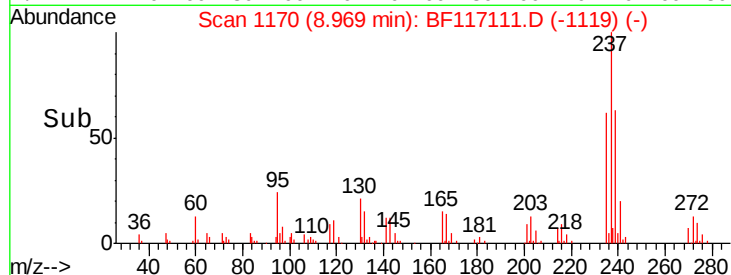
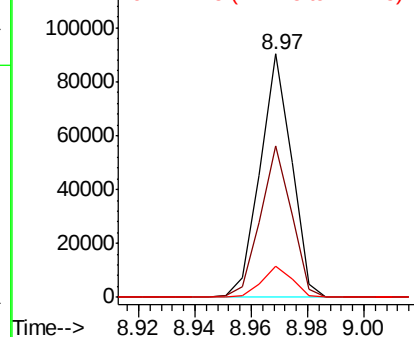
237 100

235 62.3 43.2 83.2

272 12.9 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: 76.627 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

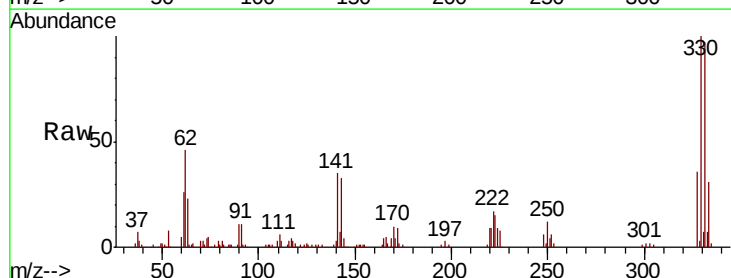
Tgt Ion:330 Resp: 102137

Ion Ratio Lower Upper

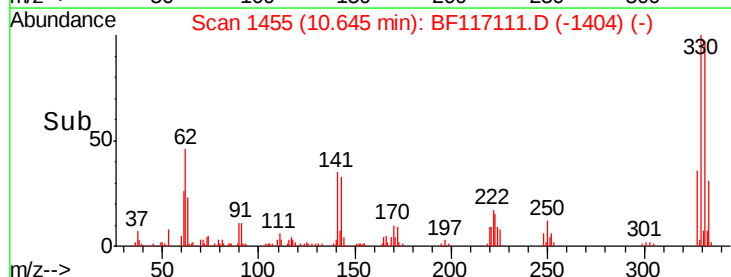
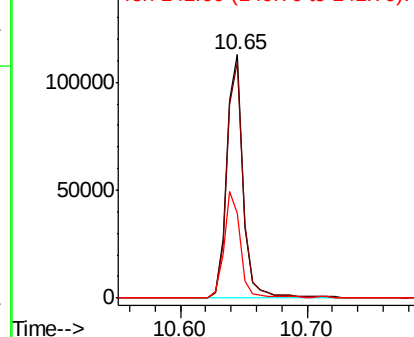
330 100

332 98.3 78.0 117.0

141 44.4 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

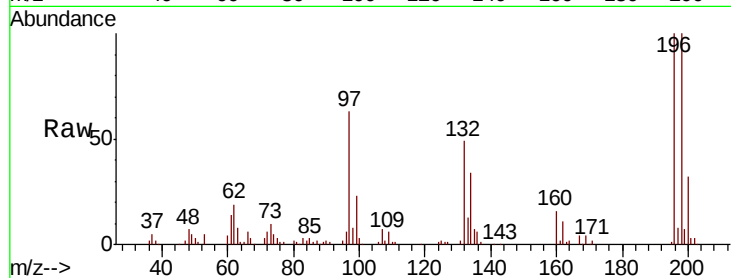




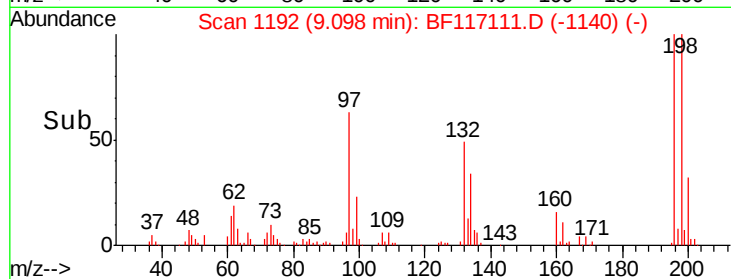
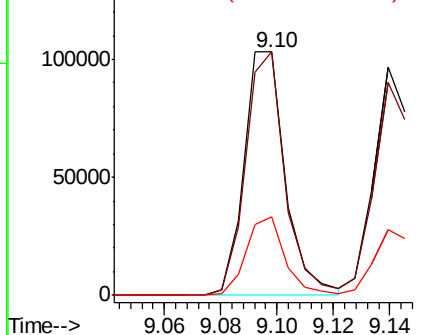
#43
 2,4,6-Trichlorophenol
 Concen: 37.451 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 104667
 Ion Ratio Lower Upper
 196 100
 198 99.9 75.7 113.5
 200 32.0 23.3 34.9

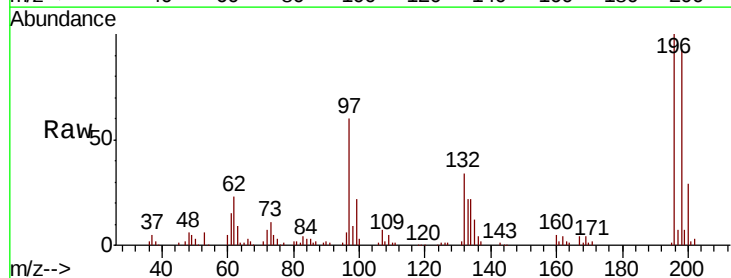


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

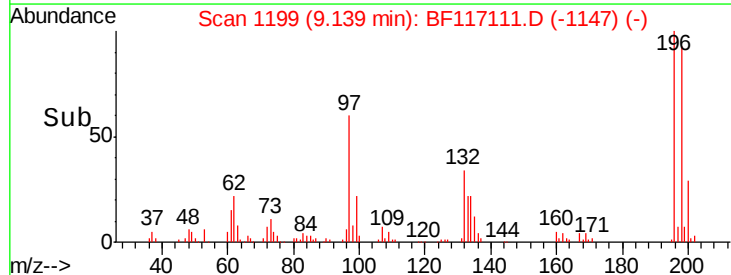
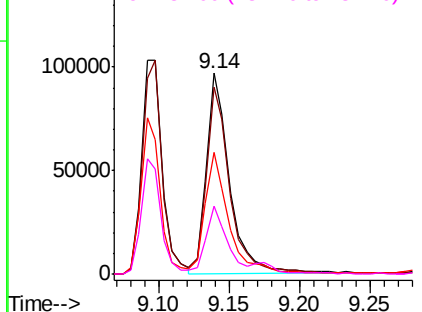


#44
 2,4,5-Trichlorophenol
 Concen: 36.735 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion:196 Resp: 109690
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.6 112.0
 97 60.3 49.5 74.3
 132 33.7 27.4 41.2



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

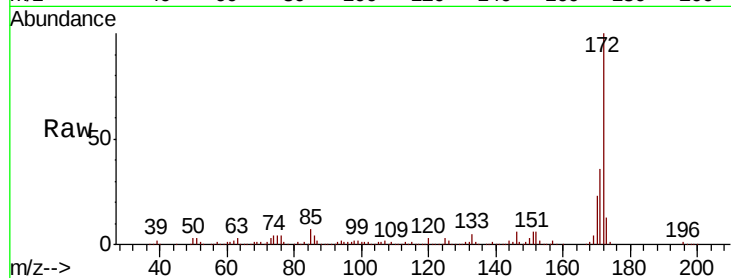




#45
2-Fluorobiphenyl
Concen: 76.917 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	18.9	28.3

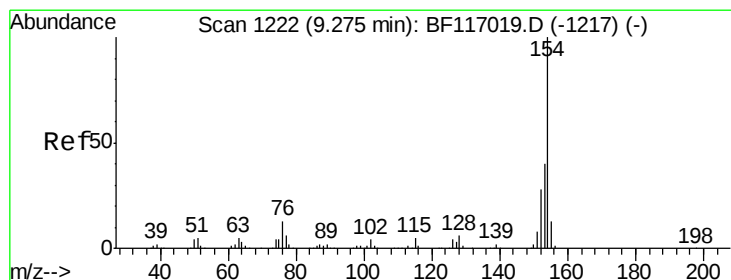
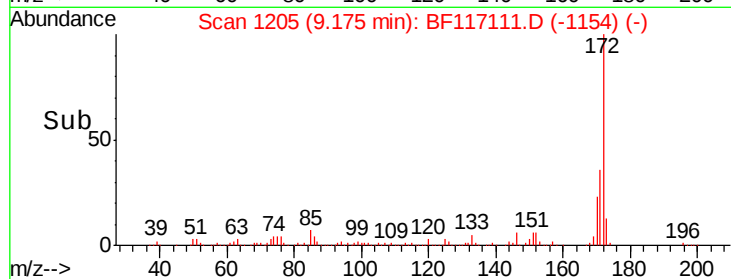
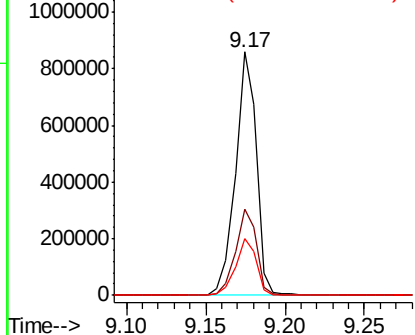


Abundance

Ion 172.00 (171.70 to 172.70): E

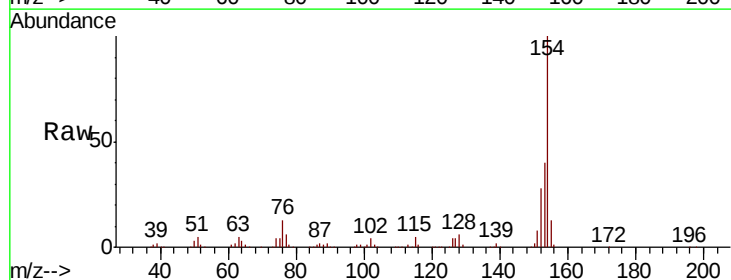
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.998 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.0	60.0
76	13.0	0.0	32.7

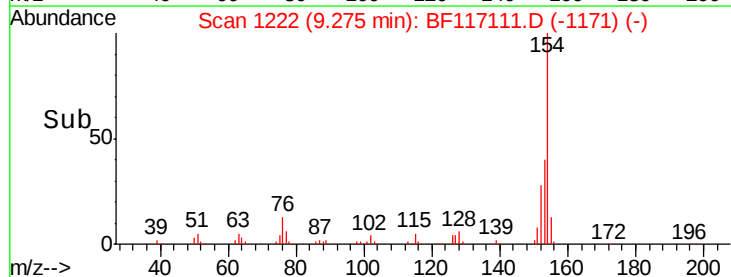
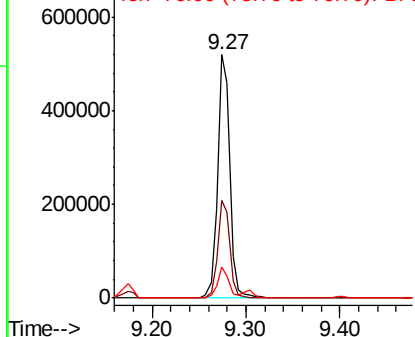


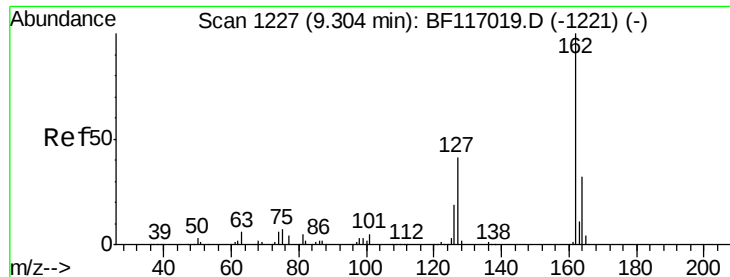
Abundance

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

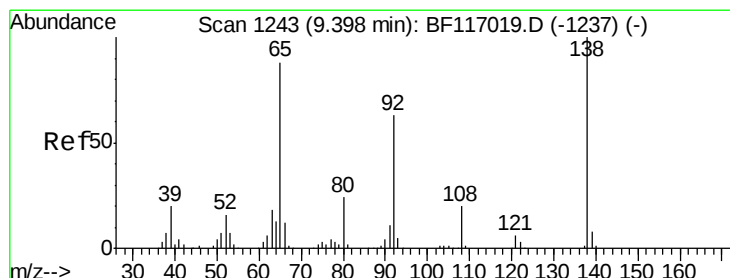
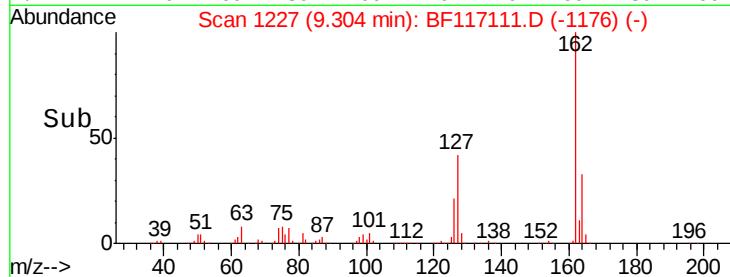
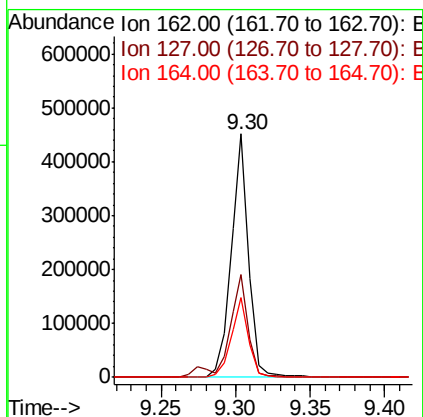
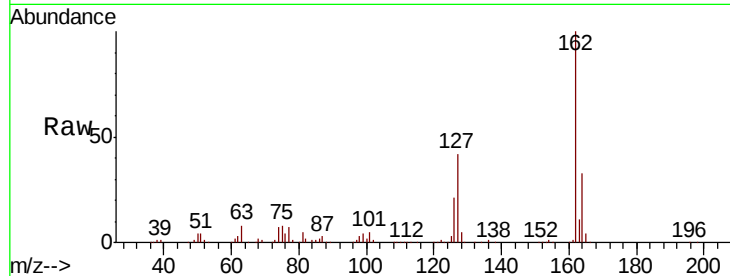




#47
 2-Chloronaphthalene
 Concen: 37.722 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

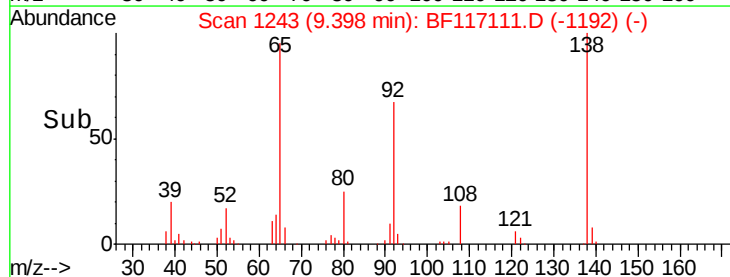
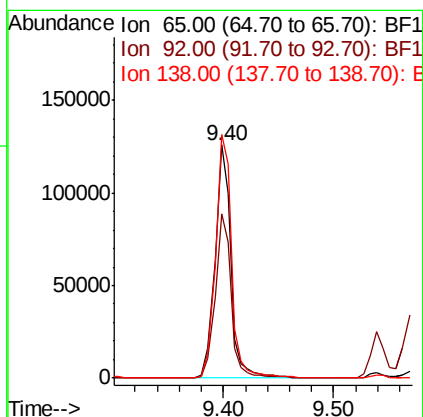
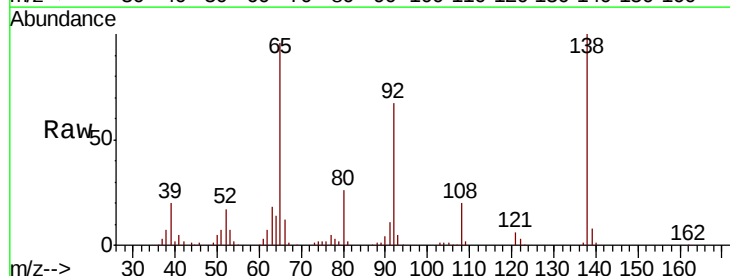
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.1	51.1
164	32.6	25.9	38.9



#48
 2-Nitroaniline
 Concen: 39.277 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.5	86.3
138	104.5	90.6	136.0





#49

Acenaphthylene

Concen: 37.613 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

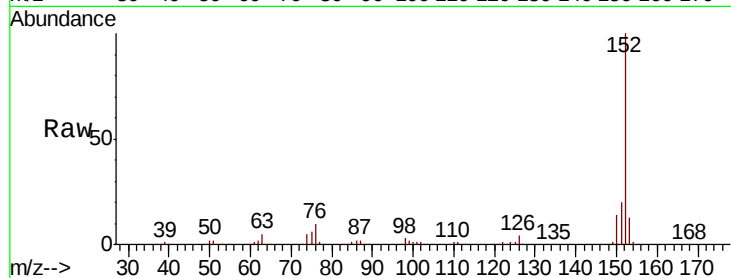
Tot Ion:152 Resp: 556307

Ion Ratio Lower Upper

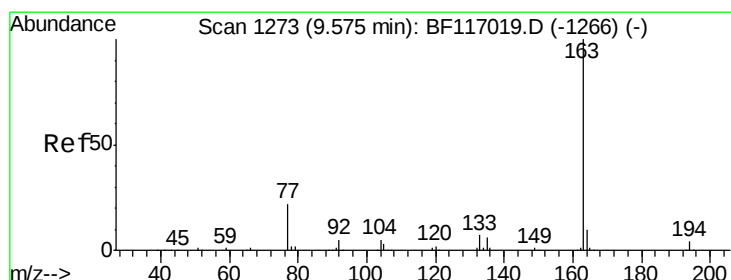
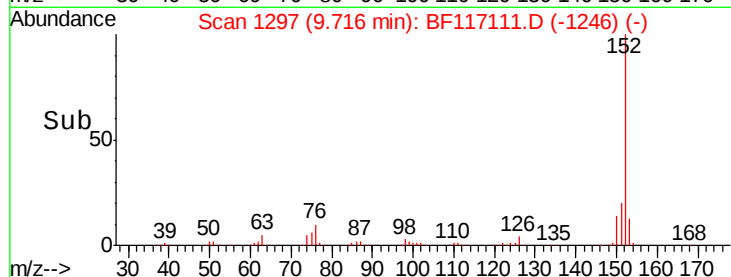
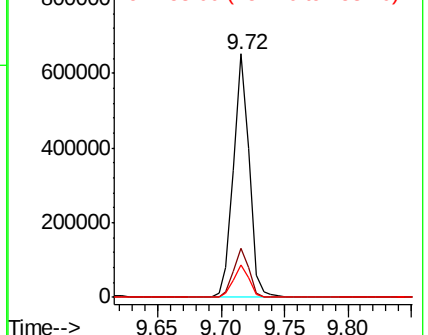
152 100

151 20.1 16.2 24.2

153 13.1 10.2 15.4



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



#50

Dimethylphthalate

Concen: 37.834 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

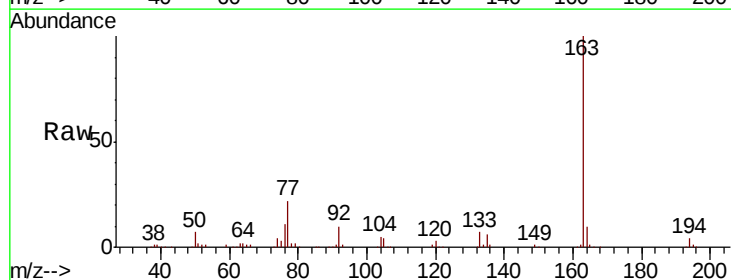
Tgt Ion:163 Resp: 427228

Ion Ratio Lower Upper

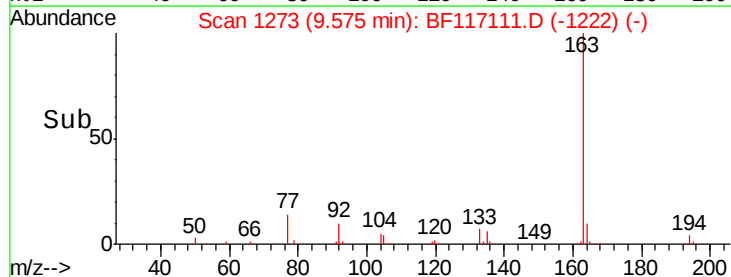
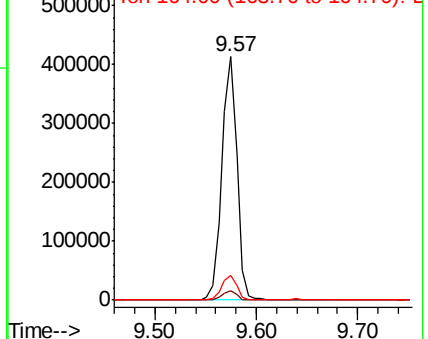
163 100

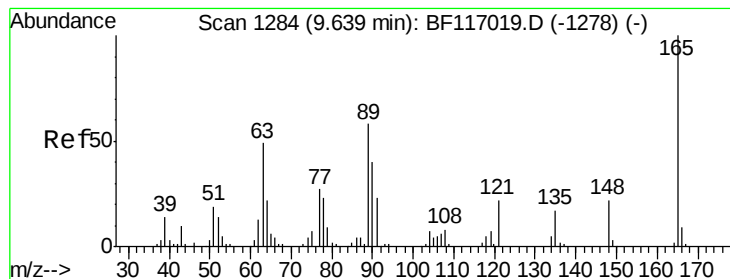
194 3.6 2.9 4.3

164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.191 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

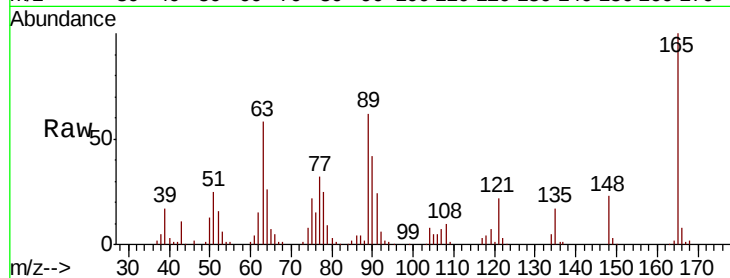
Tot Ion:165 Resp: 90132

Ion Ratio Lower Upper

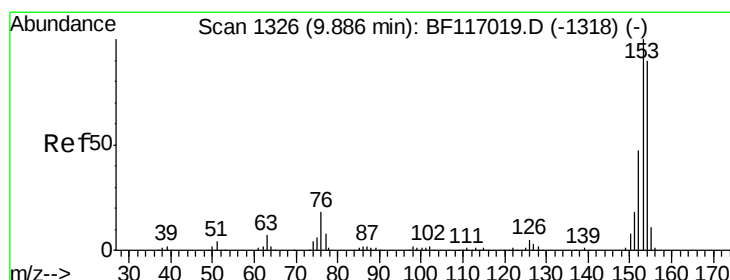
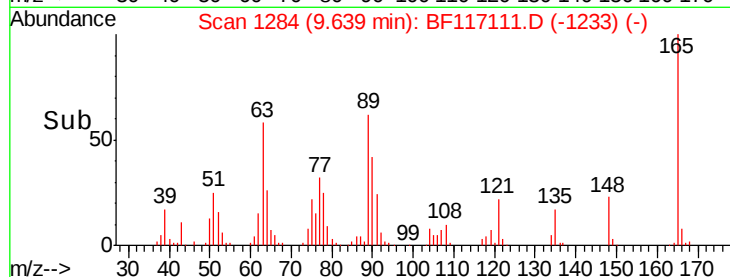
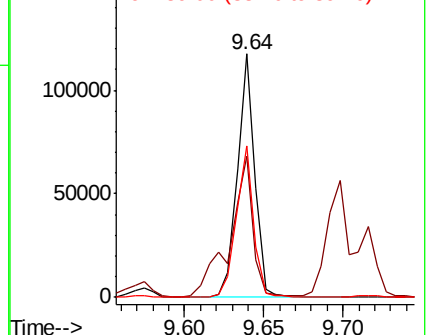
165 100

63 58.0 41.8 62.8

89 62.2 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: 37.619 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

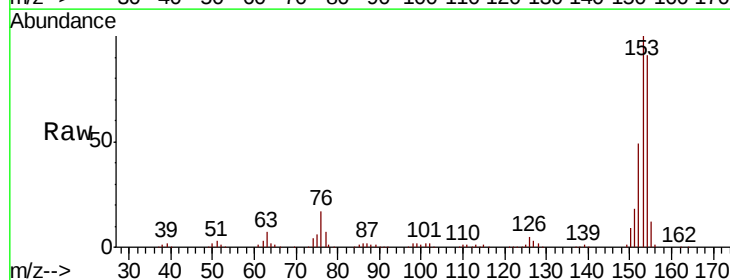
Tgt Ion:154 Resp: 329823

Ion Ratio Lower Upper

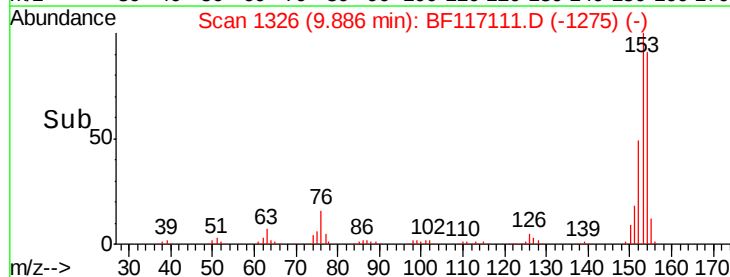
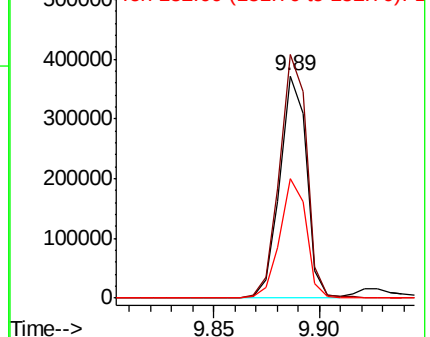
154 100

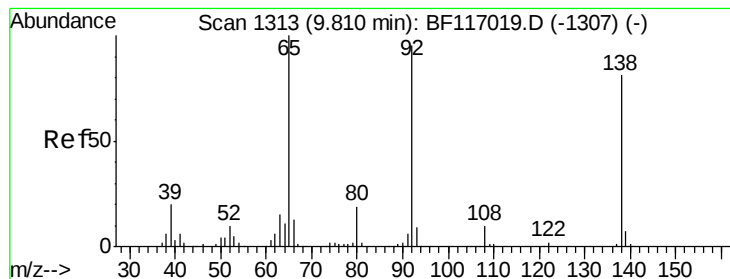
153 109.6 89.0 133.6

152 53.7 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: 38.479 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

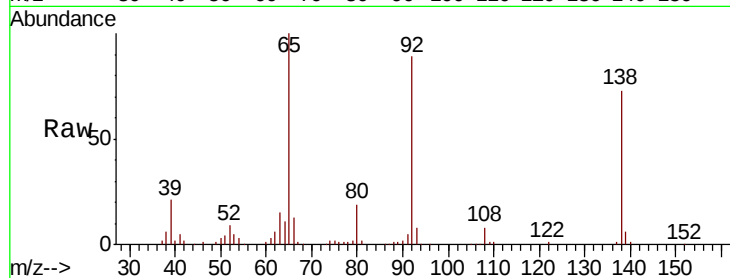
Tot Ion:138 Resp: 111654

Ion Ratio Lower Upper

138 100

108 11.5 9.5 14.3

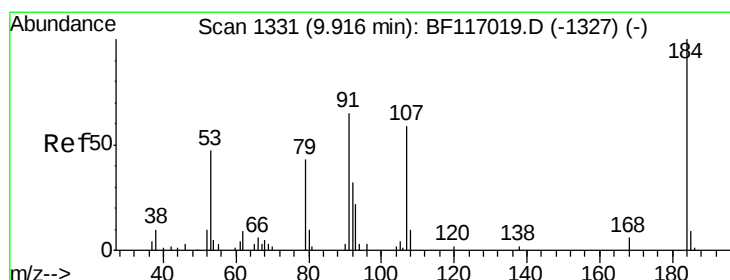
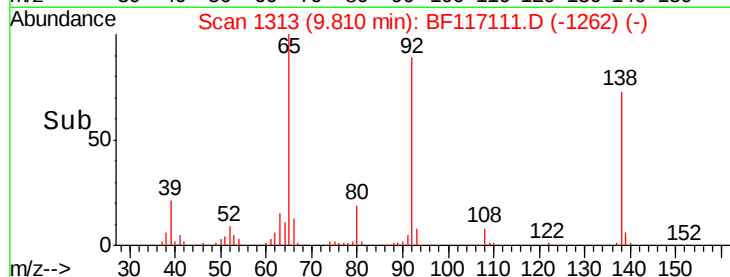
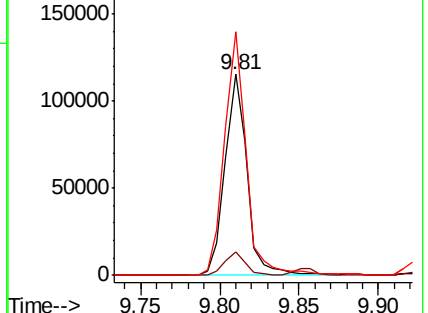
92 121.3 94.1 141.1



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: 39.422 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

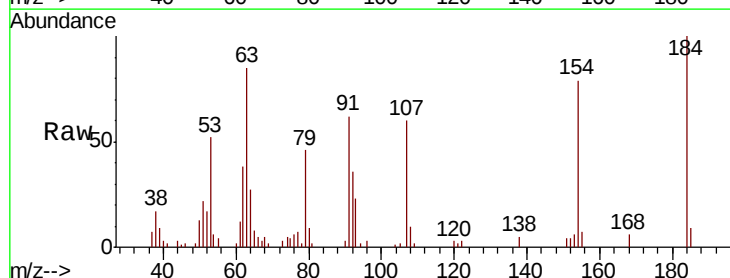
Tgt Ion:184 Resp: 33933

Ion Ratio Lower Upper

184 100

63 84.7 63.8 95.6

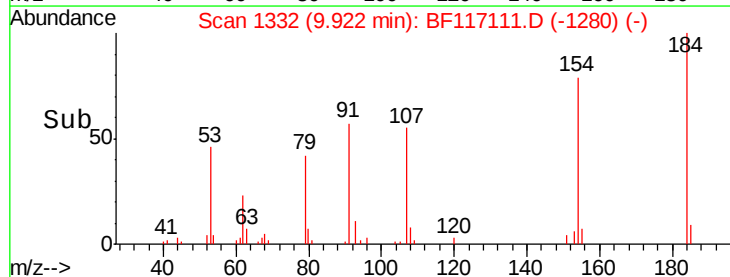
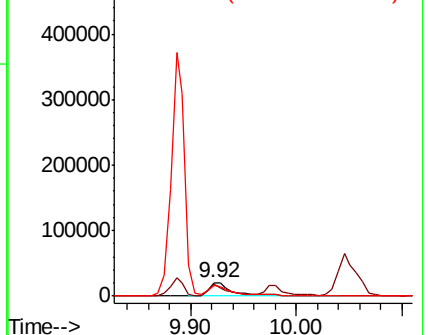
154 79.1 60.4 90.6

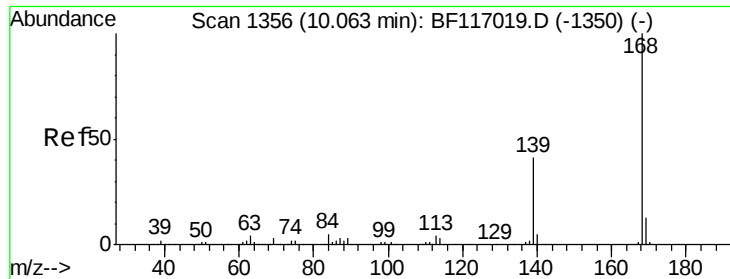


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

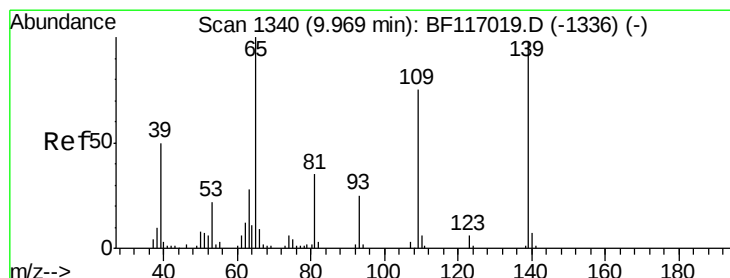
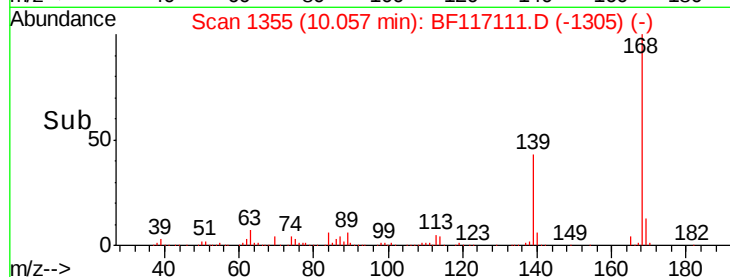
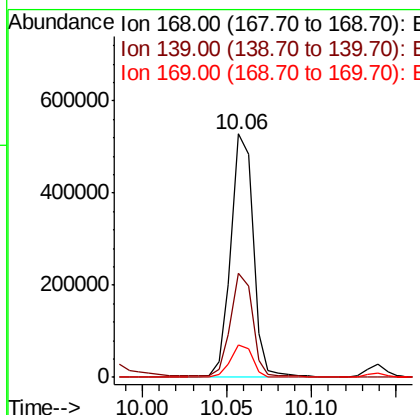
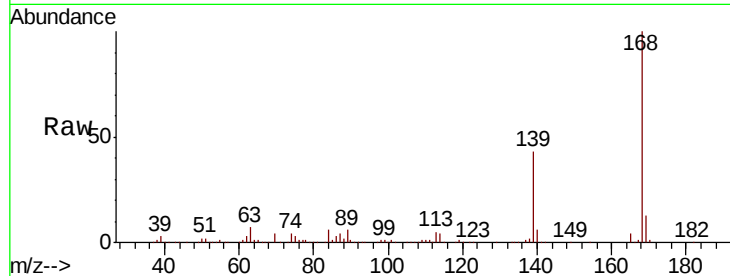




#55
Dibenzenofuran
Concen: 37.929 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

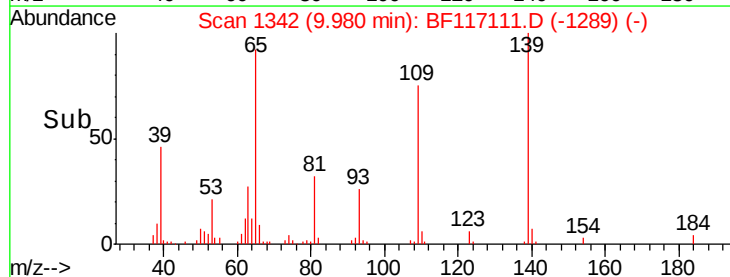
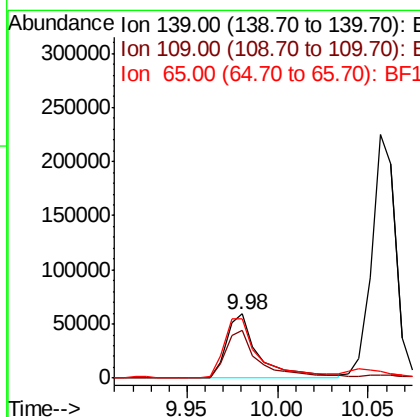
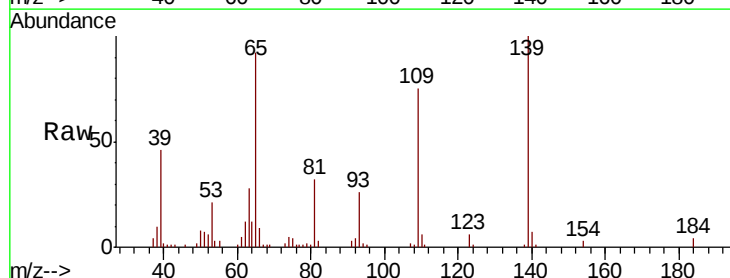
Instrument :
BNA_F
ClientSampleId :

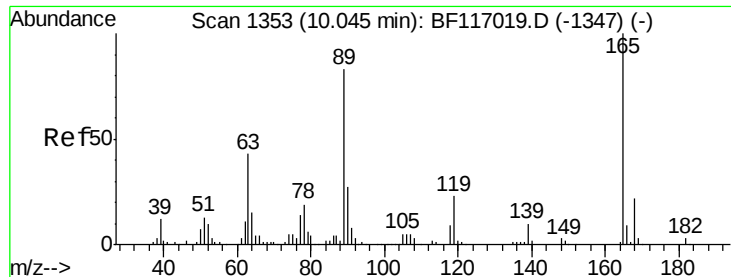
Tot Ion:168 Resp: 490631
Ion Ratio Lower Upper
168 100
139 42.5 32.8 49.2
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 39.617 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion:139 Resp: 74504
Ion Ratio Lower Upper
139 100
109 75.0 56.4 96.4
65 92.4 82.5 122.5

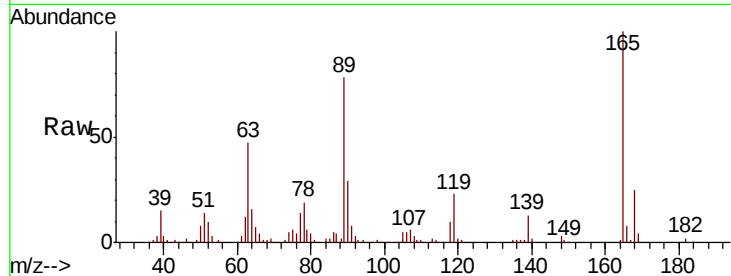




#57
2,4-Dinitrotoluene
Concen: 41.673 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	35.0	52.4
89	78.5	66.1	99.1
182	2.2	2.0	3.0



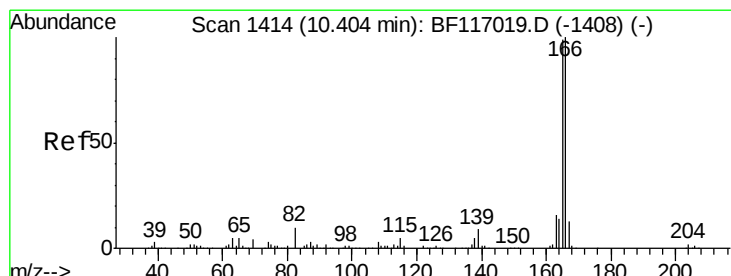
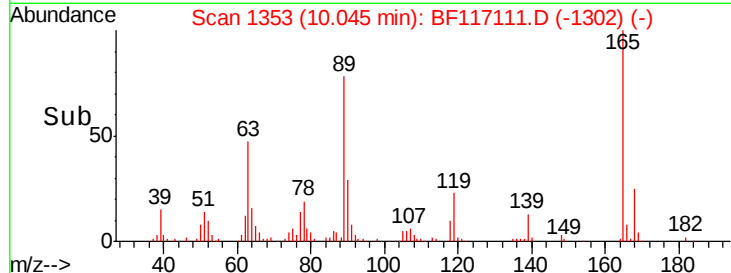
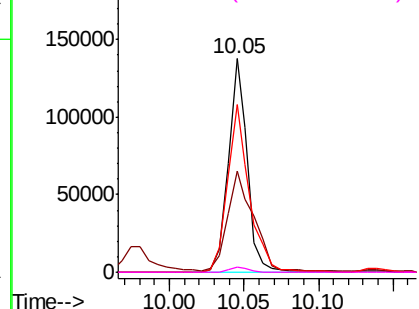
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

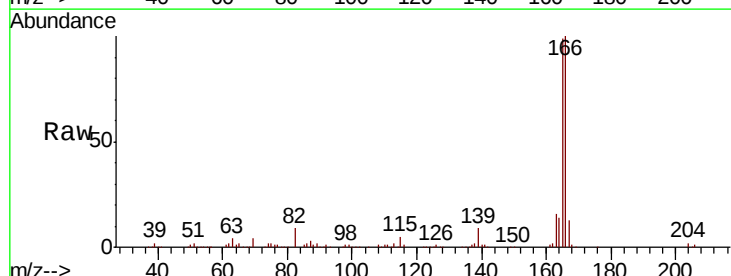
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.282 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.9	118.3
167	13.2	10.6	15.8

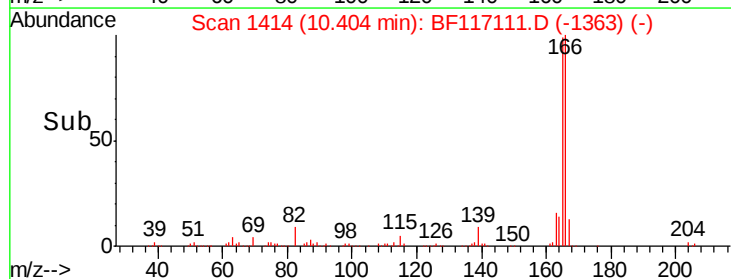
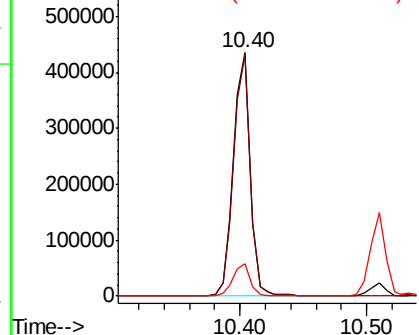


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.837 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 84173

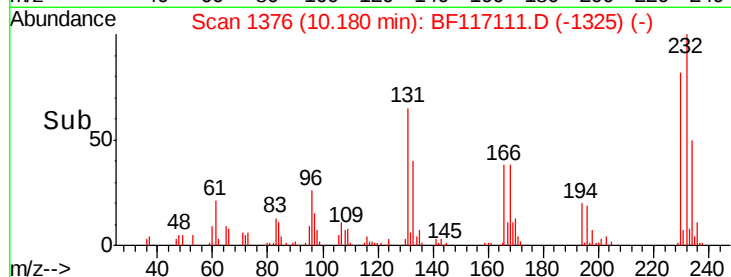
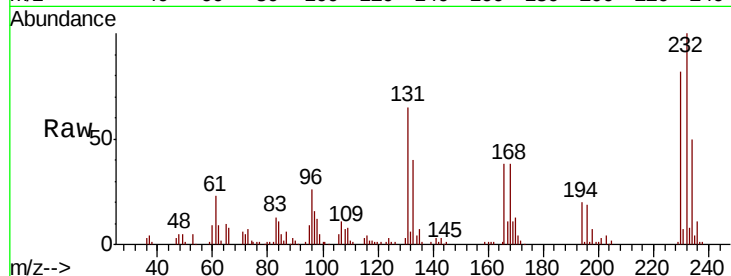
Ion Ratio Lower Upper

232 100

131 61.1 45.3 67.9

130 2.4 1.8 2.8

166 37.1 29.4 44.2

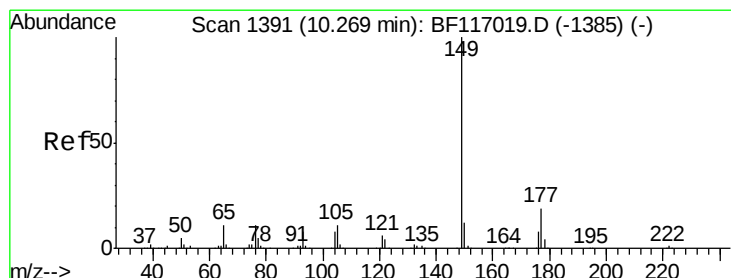
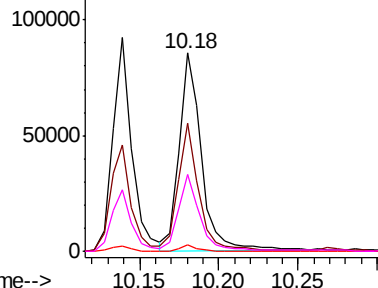


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.959 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

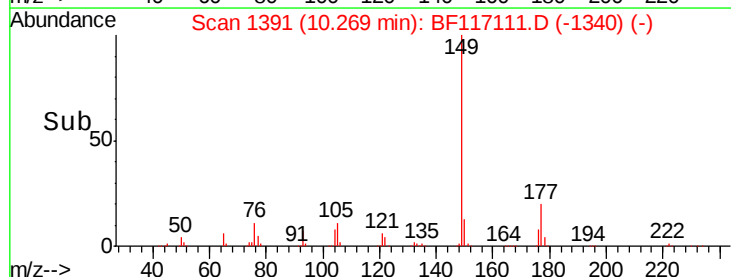
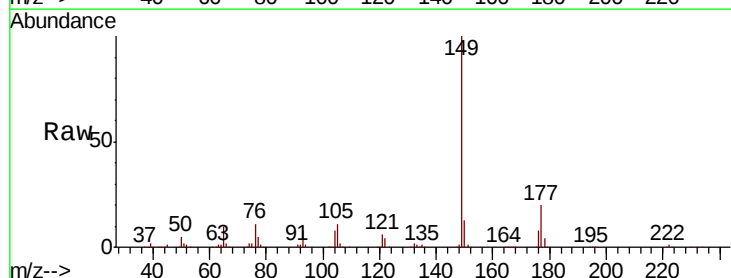
Tgt Ion:149 Resp: 421705

Ion Ratio Lower Upper

149 100

177 20.2 15.2 22.8

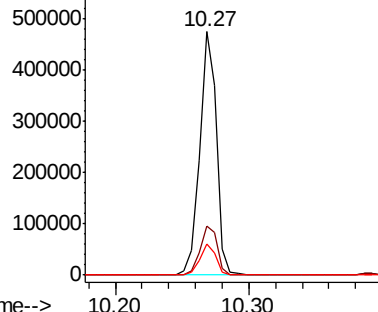
150 12.6 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

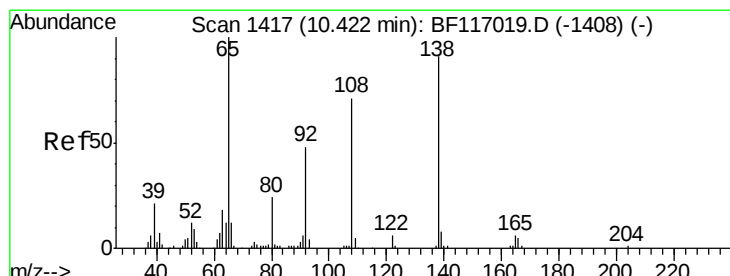
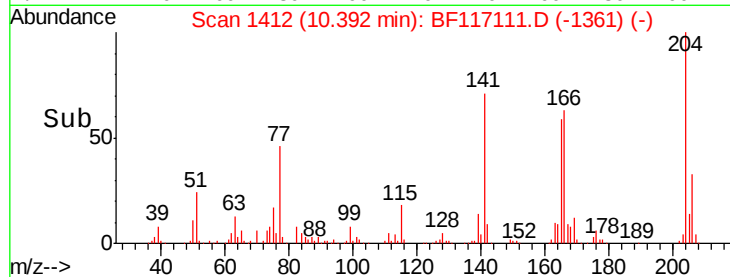
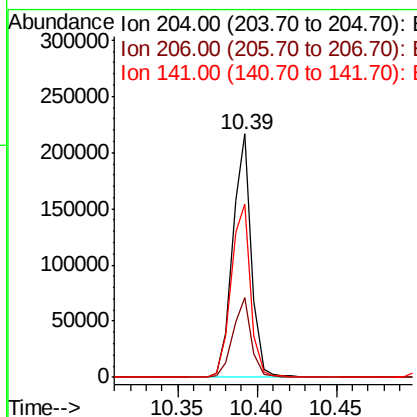
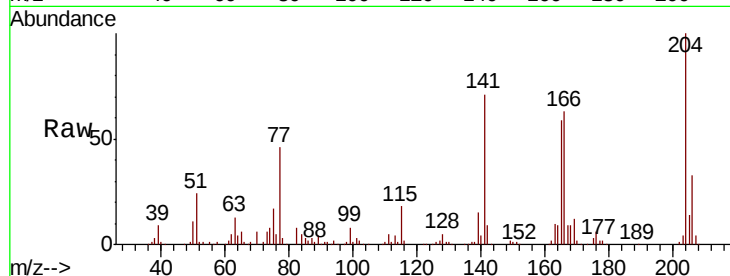




#61
 4-Chlorophenyl-phenylether
 Concen: 39.133 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

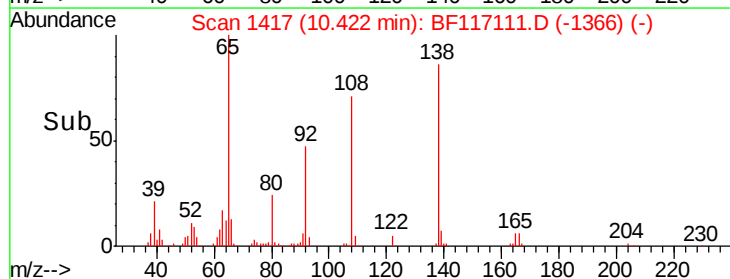
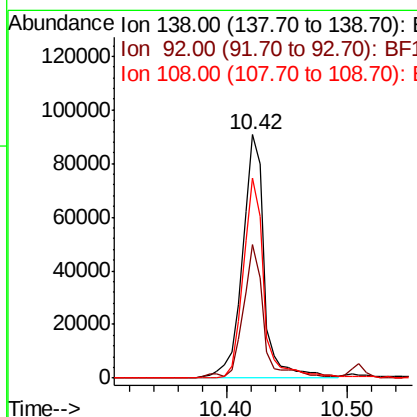
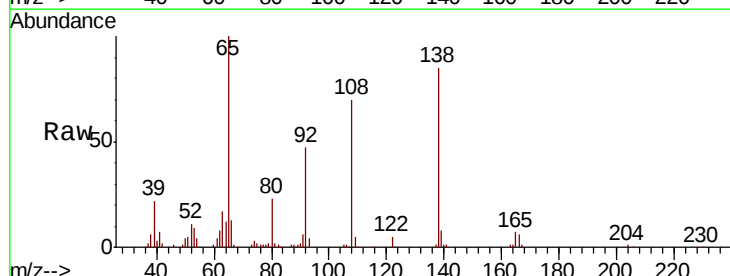
Instrument :
 BNA_F
 ClientSampleId :

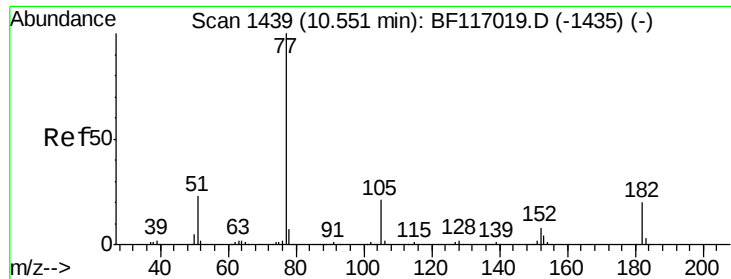
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	71.1	58.2	87.2



#62
 4-Nitroaniline
 Concen: 38.193 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	32.9	72.9
108	82.4	58.3	98.3





#63

Azobenzene

Concen: 37.341 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 423685

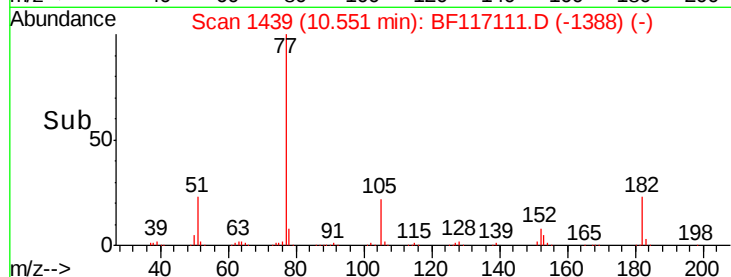
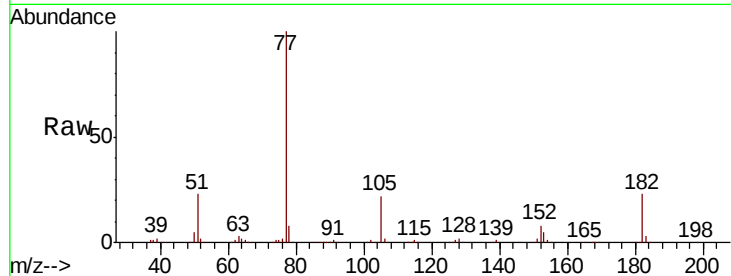
Ion Ratio Lower Upper

77 100

182 22.7 0.4 40.4

105 22.4 0.9 40.9

51 23.1 2.8 42.8

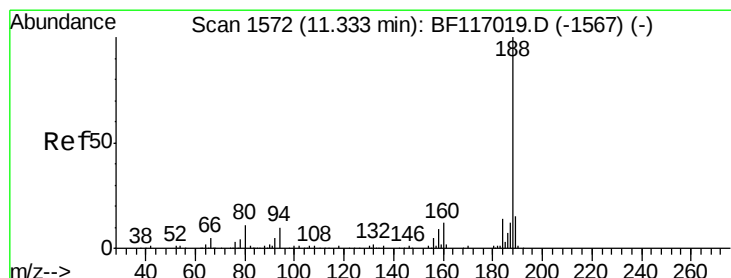
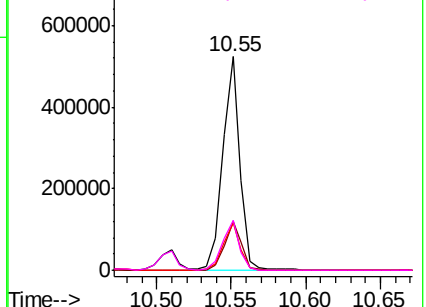


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

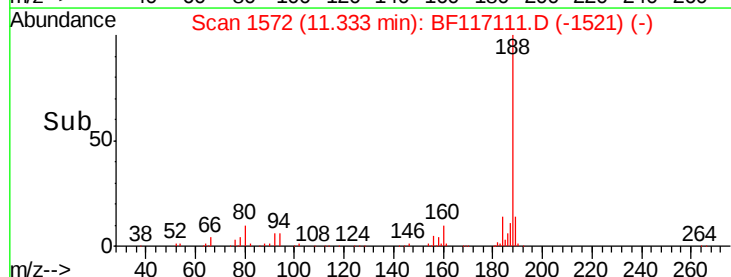
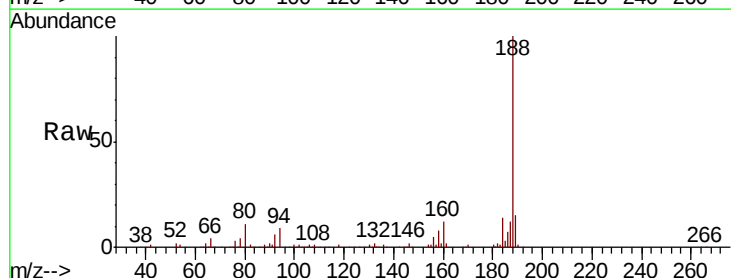
Tgt Ion: 188 Resp: 260157

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

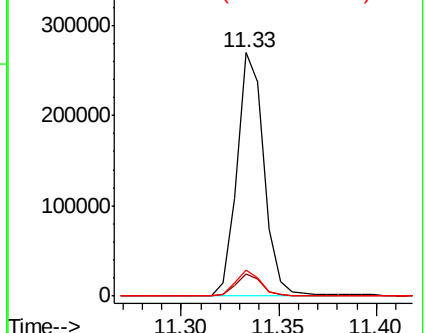
80 10.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.996 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

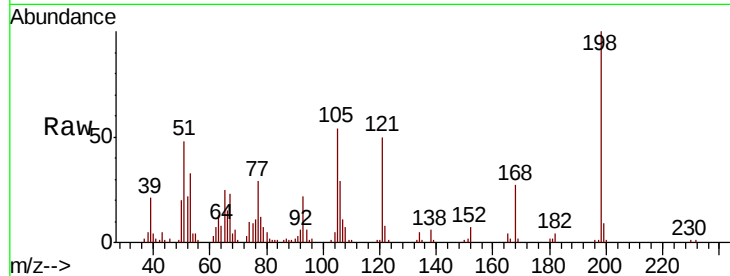
Tot Ion:198 Resp: 44433

Ion Ratio Lower Upper

198 100

51 48.0 18.7 58.7

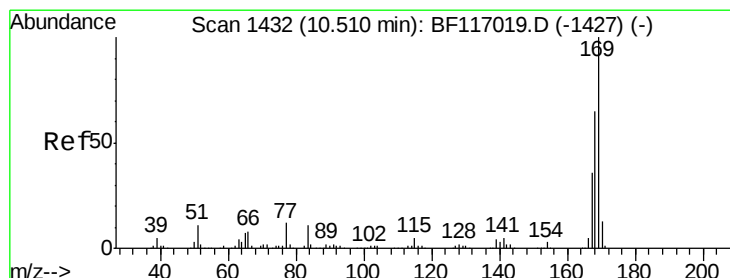
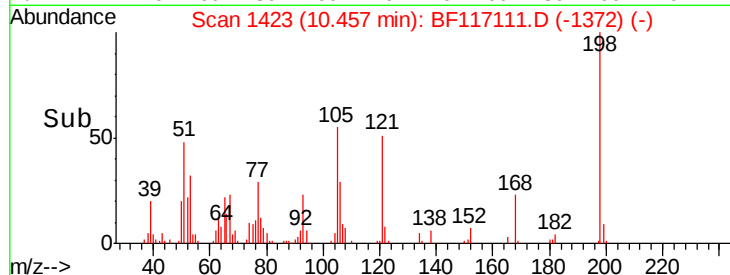
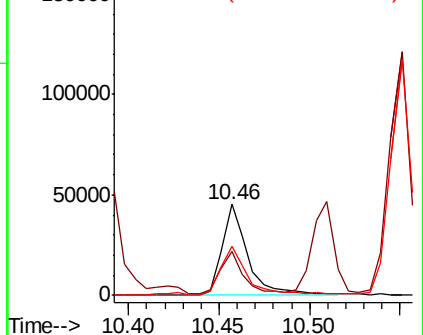
105 54.5 30.2 70.2



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: 38.256 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

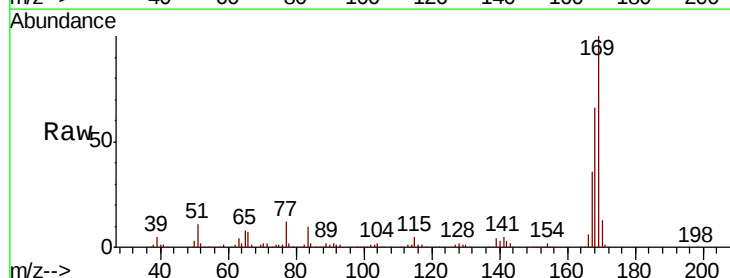
Tgt Ion:169 Resp: 343718

Ion Ratio Lower Upper

169 100

168 65.5 52.2 78.2

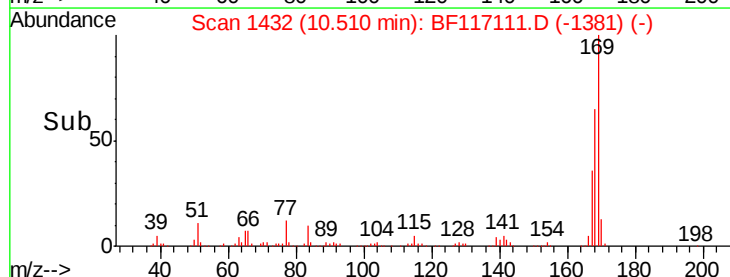
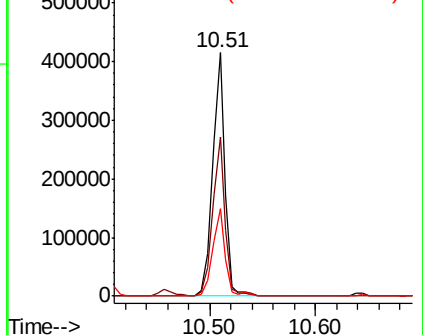
167 36.0 28.8 43.2



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

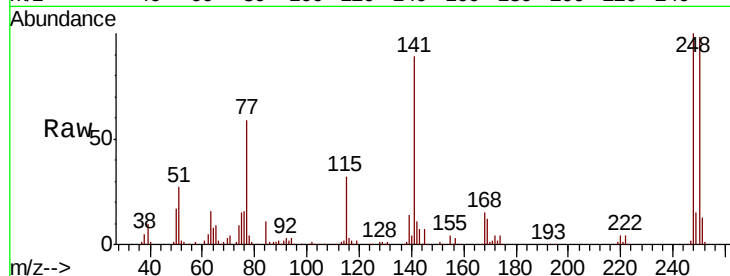




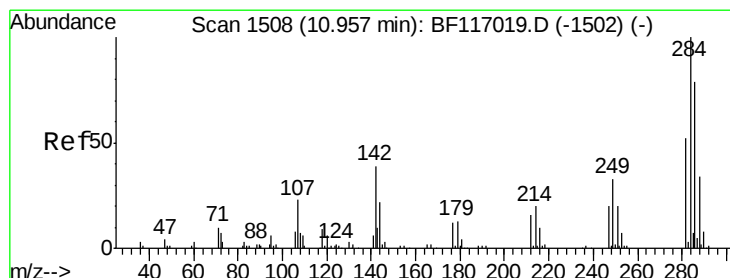
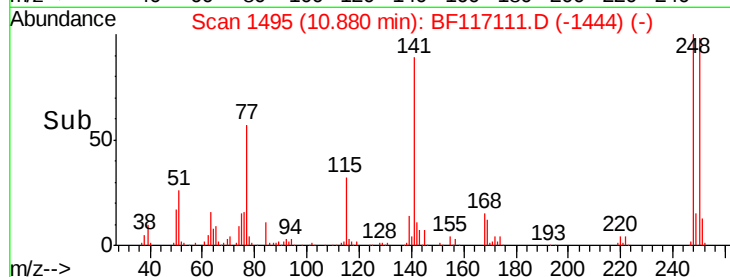
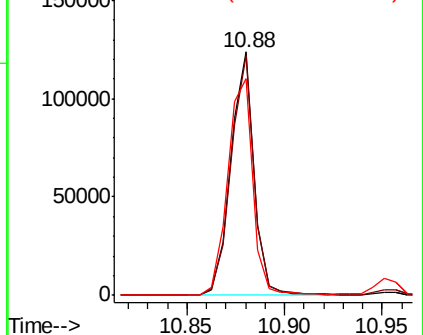
#67
4-Bromophenyl-phenylether
Concen: 38.445 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 102141
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 88.9 75.0 112.4

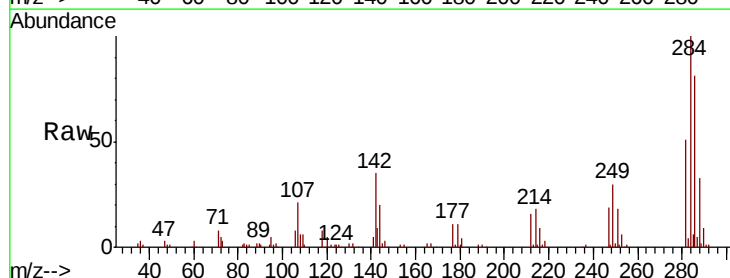


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

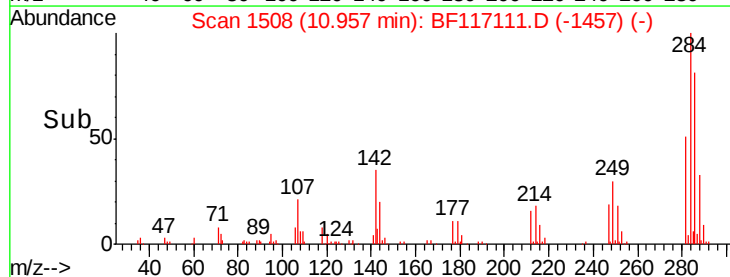
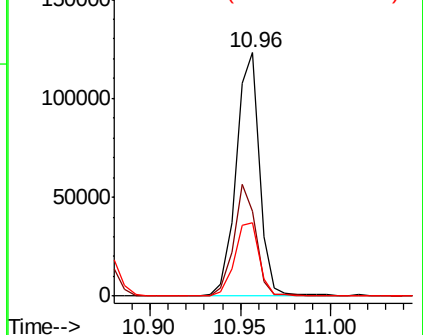


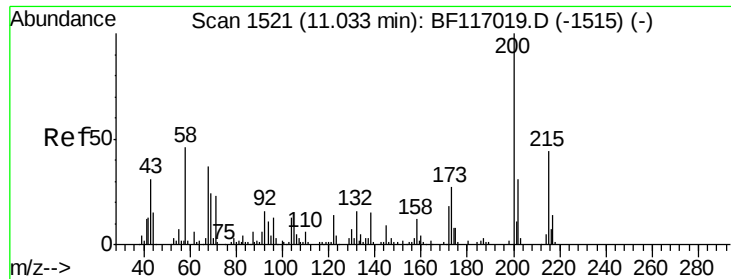
#68
Hexachlorobenzene
Concen: 38.182 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion:284 Resp: 110954
Ion Ratio Lower Upper
284 100
142 35.1 31.4 47.2
249 30.3 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

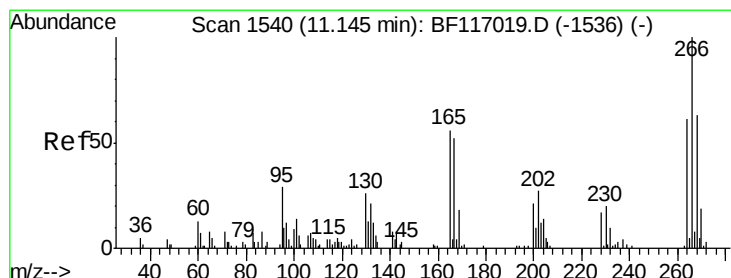
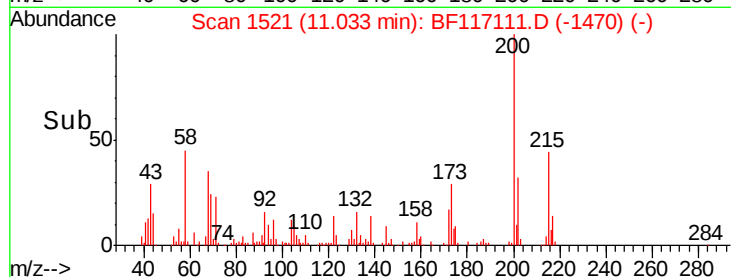
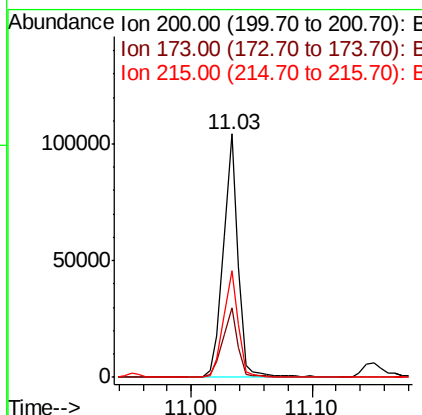
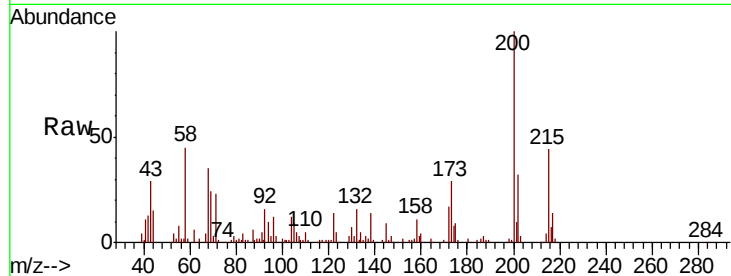




#69
 Atrazine
 Concen: 37.312 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

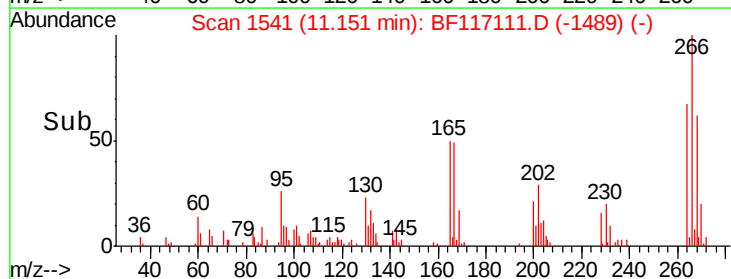
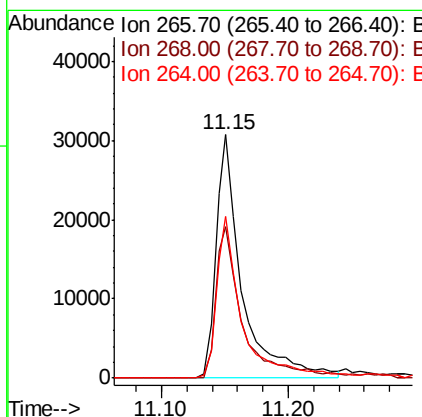
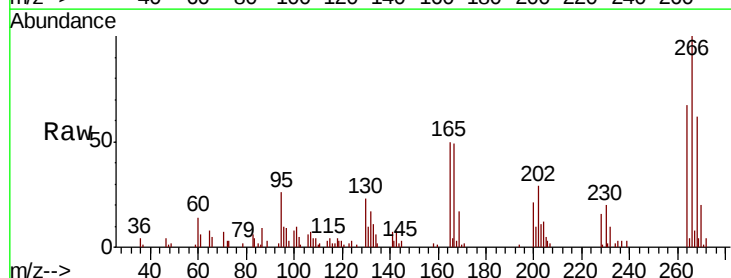
Instrument :
 BNA_F
 ClientSampled :

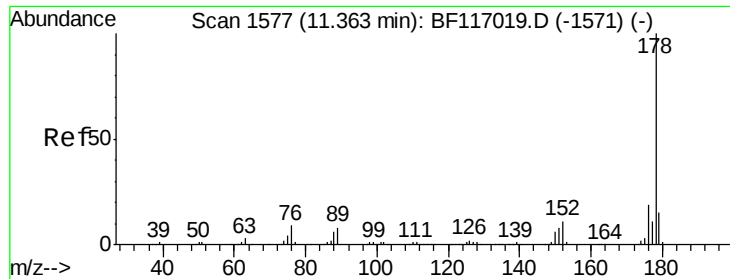
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.9	46.9
215	44.0	23.8	63.8



#70
 Pentachlorophenol
 Concen: 32.349 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.5	75.7
264	66.5	48.8	73.2





#71

Phenanthrene

Concen: 37.498 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

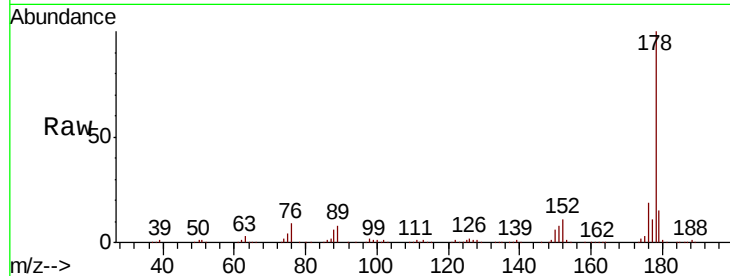
Tot Ion:178 Resp: 554104

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

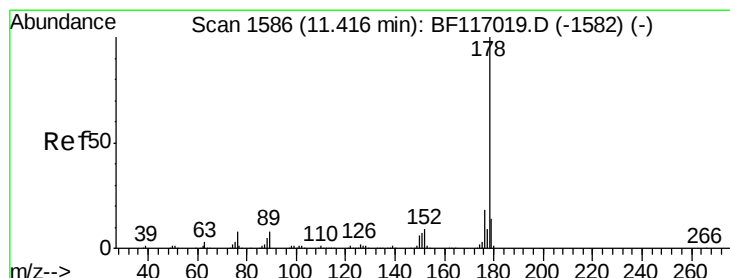
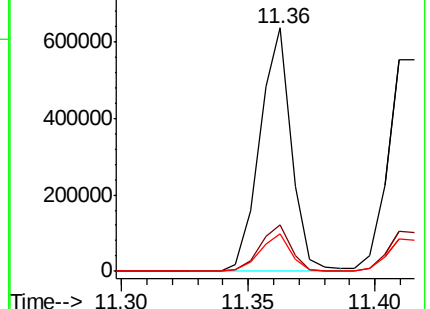
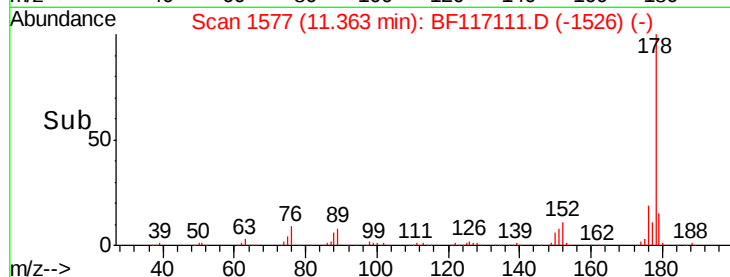
179 15.2 12.4 18.6



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: 37.833 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

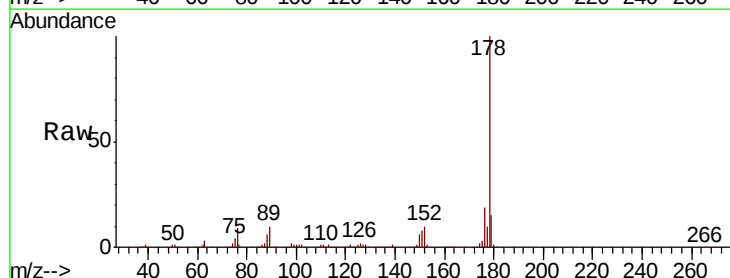
Tgt Ion:178 Resp: 570744

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

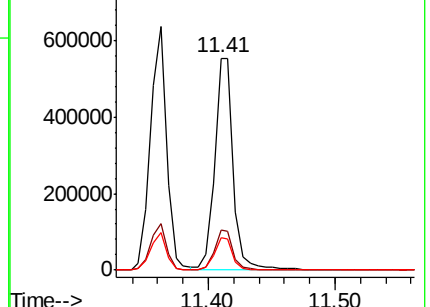
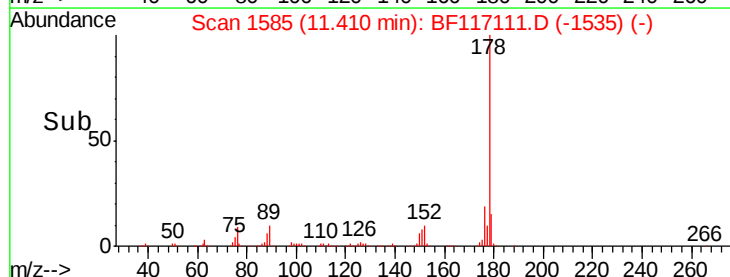
179 15.2 11.6 17.4

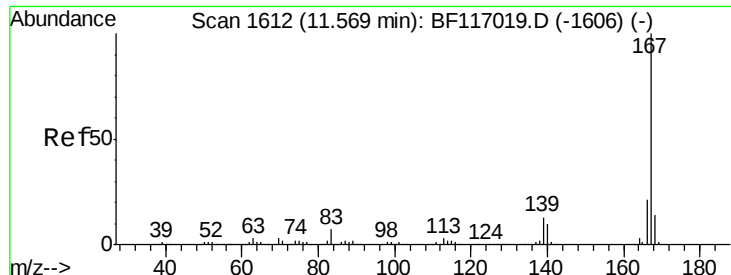


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.961 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

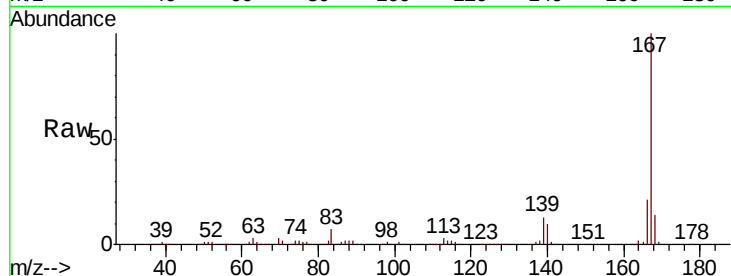
Tot Ion:167 Resp: 543590

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

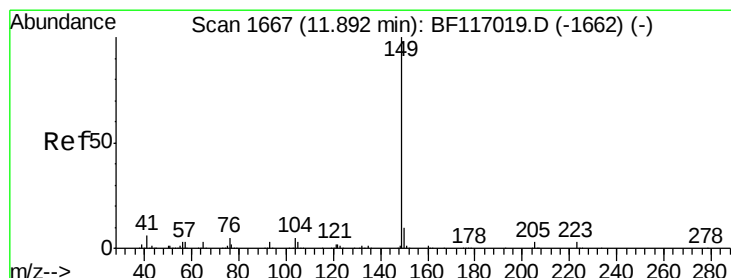
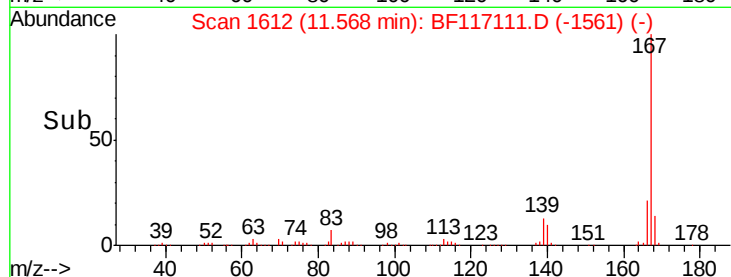
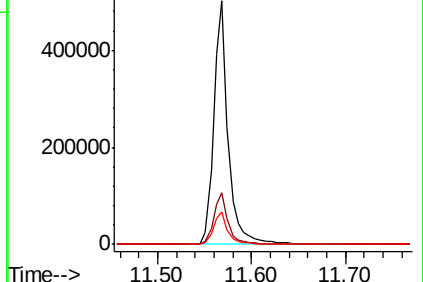
139 13.3 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.489 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

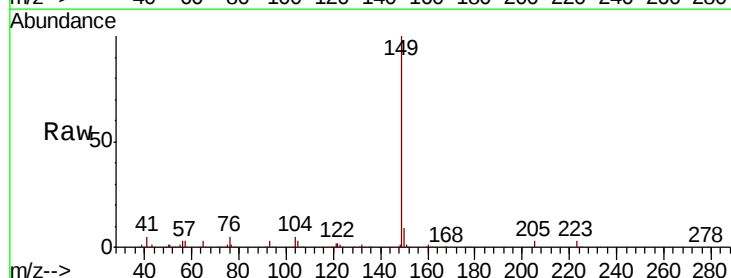
Tgt Ion:149 Resp: 655741

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

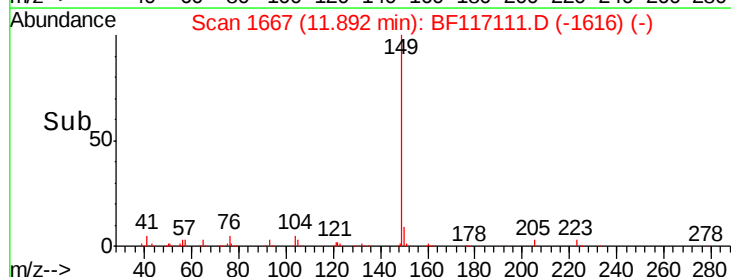
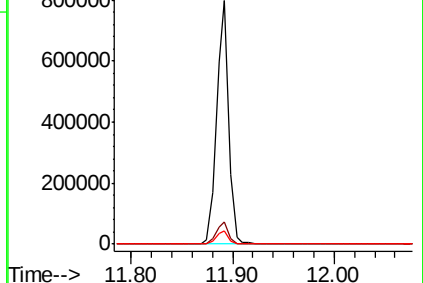
104 5.2 4.2 6.4

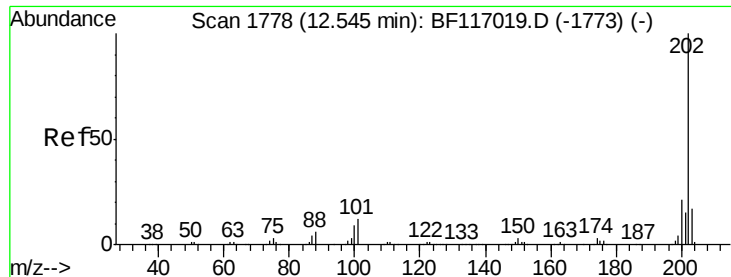


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

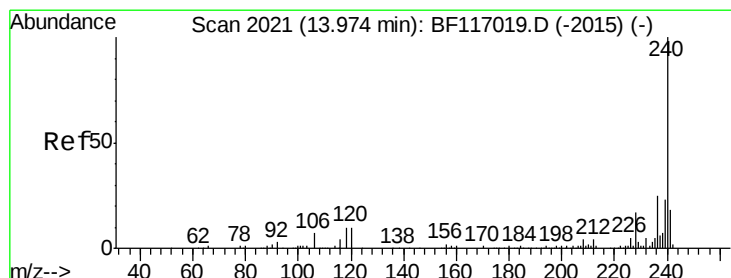
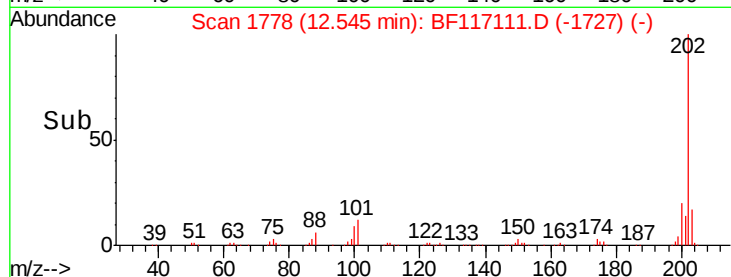
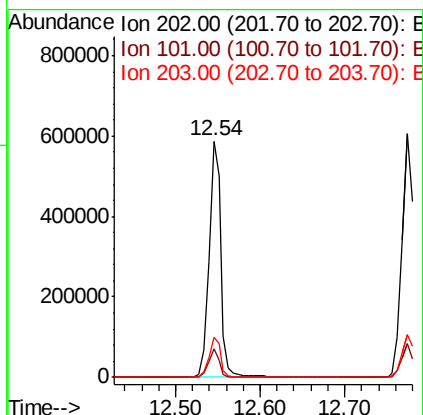
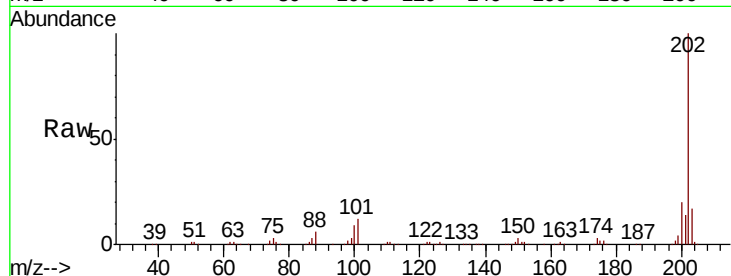




#75
 Fluoranthene
 Concen: 37.728 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

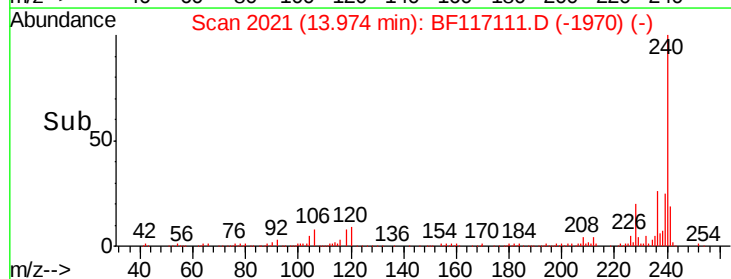
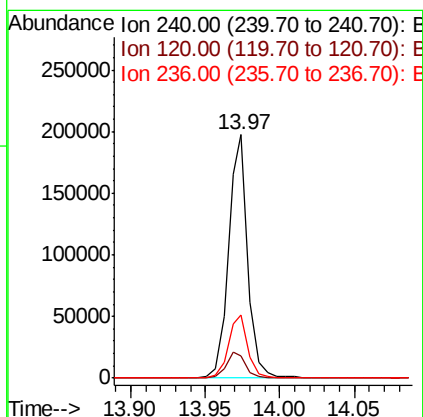
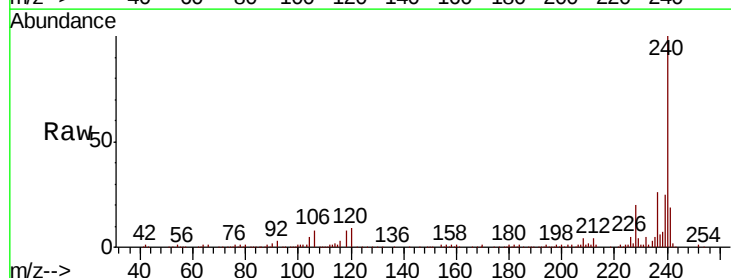
Instrument :
 BNA_F
 ClientSampleId :

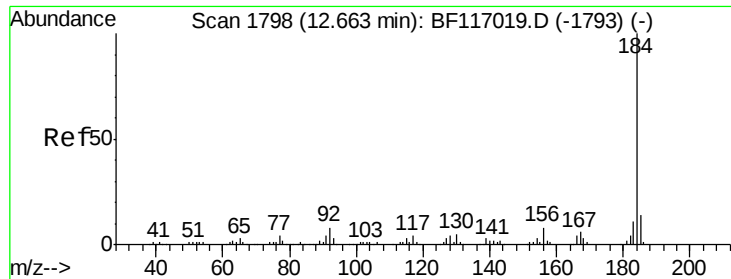
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.3
203	17.2	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.1	20.3	30.5





#77

Benzidine

Concen: 40.262 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

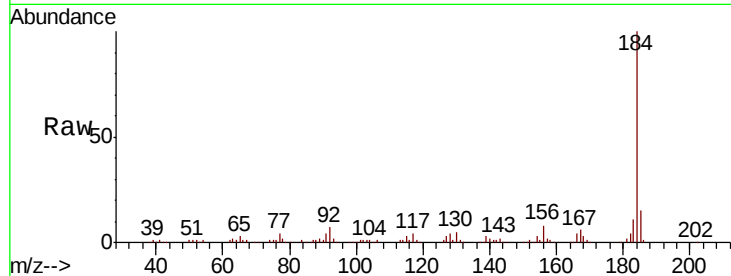
Tot Ion:184 Resp: 231602

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

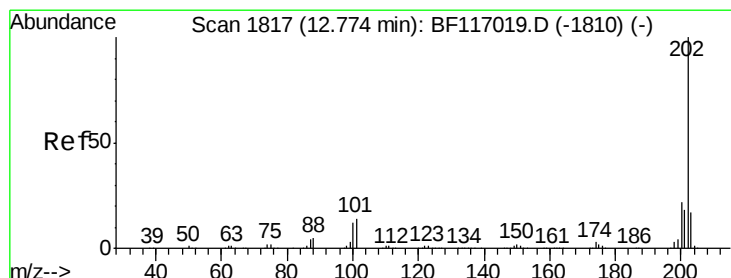
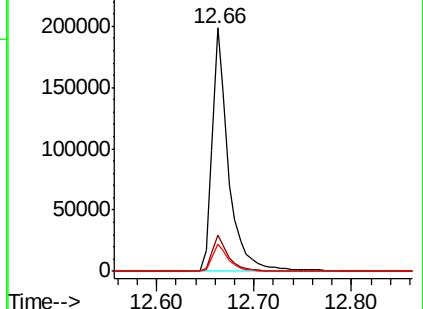
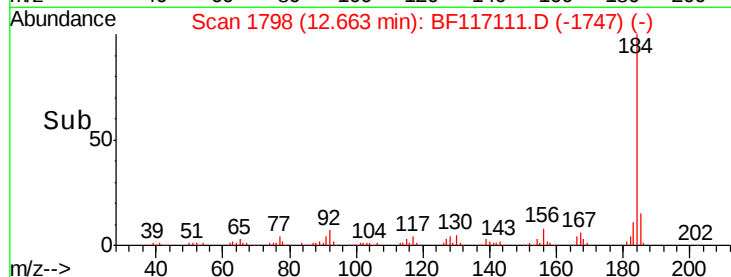
183 11.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.157 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

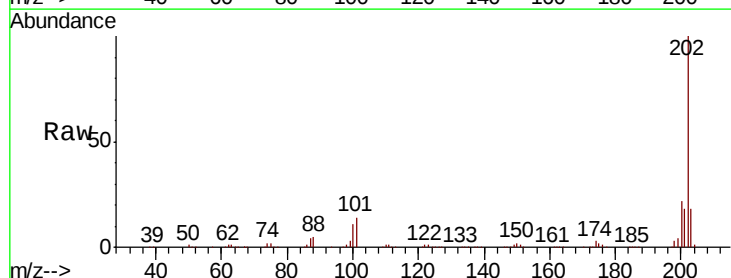
Tgt Ion:202 Resp: 571740

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

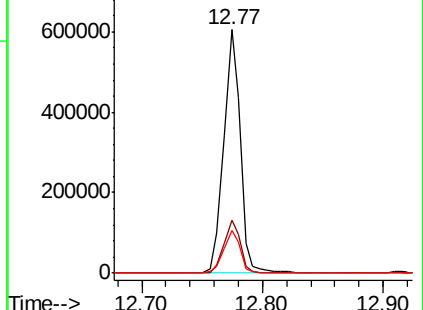
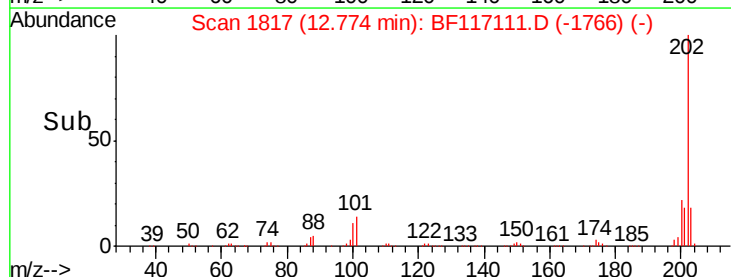
203 17.6 14.0 21.0



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

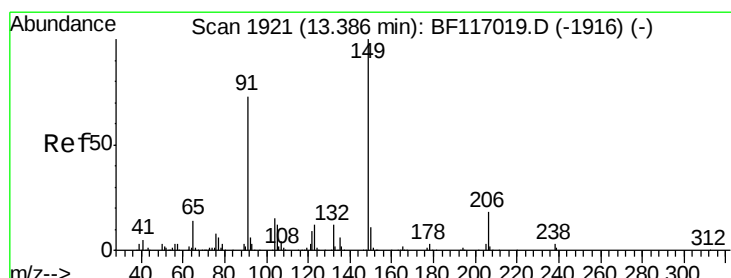
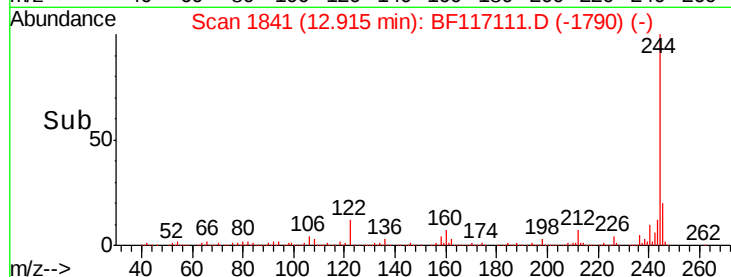
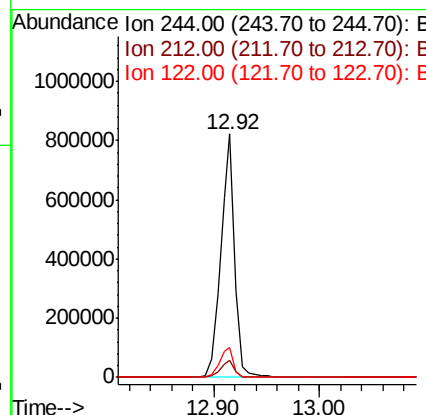
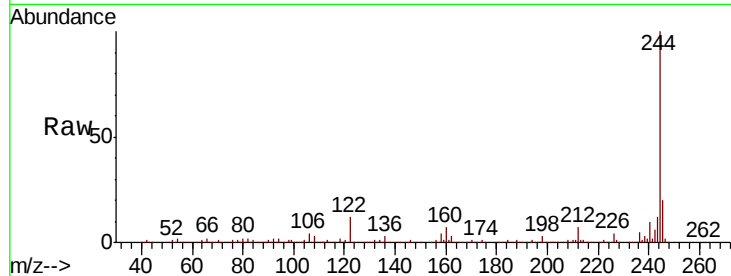




#79
 Terphenyl-d14
 Concen: 79.207 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

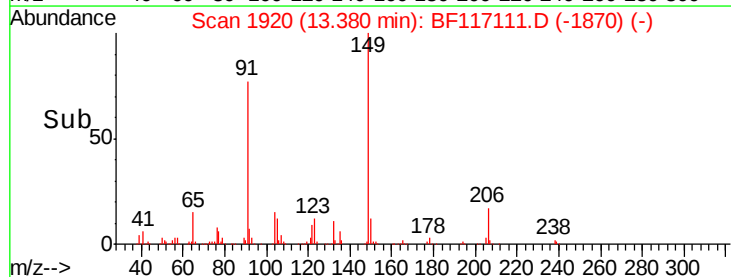
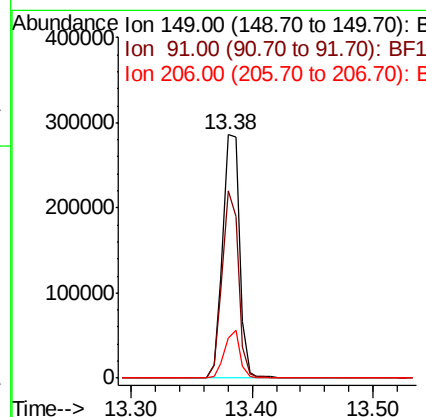
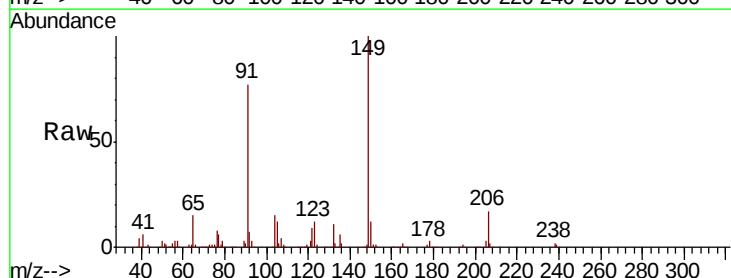
Instrument :
 BNA_F
 ClientSampled :

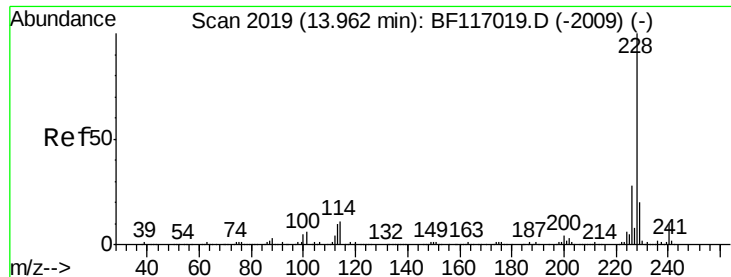
Tot Ion:244 Resp: 756703
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.5 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 39.304 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117111.D
 Acq: 17 Sep 2019 17:17

Tgt Ion:149 Resp: 278275
 Ion Ratio Lower Upper
 149 100
 91 76.7 58.8 88.2
 206 16.7 14.1 21.1





#81

Benzo(a)anthracene

Concen: 37.669 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

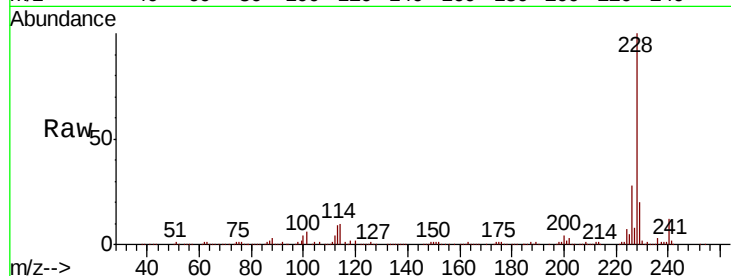
Tot Ion:228 Resp: 449424

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

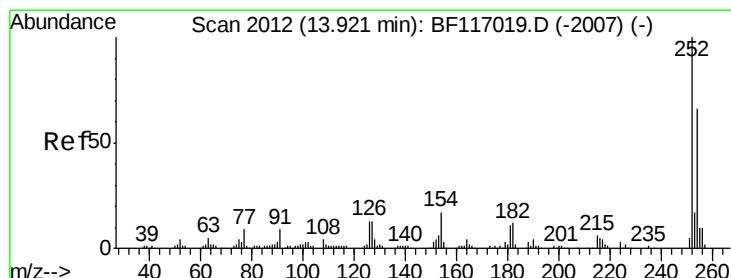
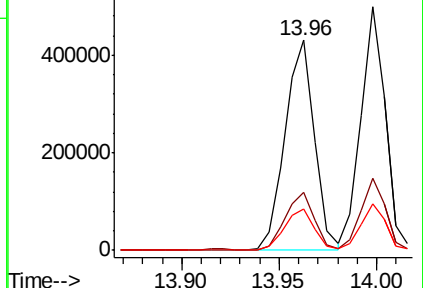
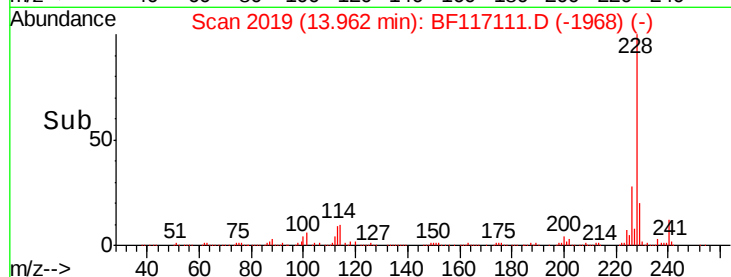
229 19.7 15.9 23.9



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: 39.395 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

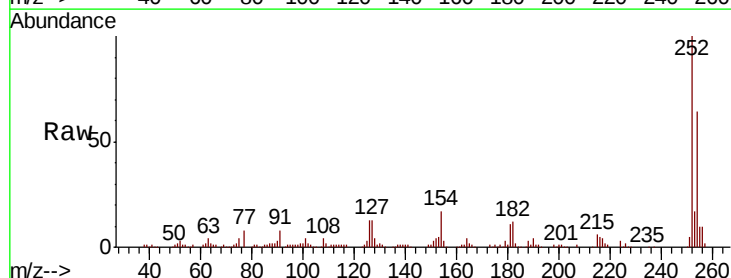
Tgt Ion:252 Resp: 151461

Ion Ratio Lower Upper

252 100

254 64.4 52.6 79.0

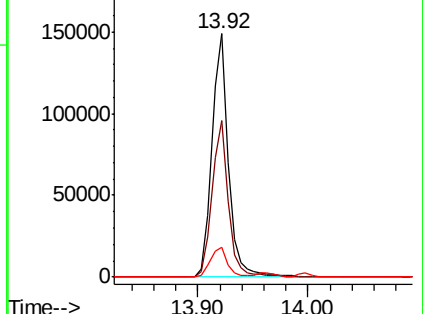
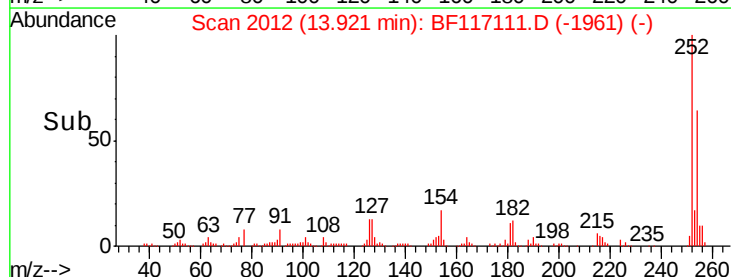
126 12.5 10.4 15.6

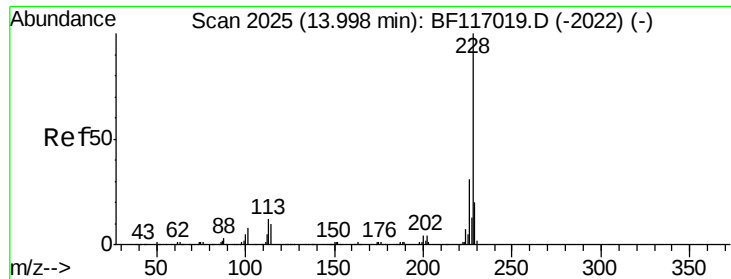


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.293 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

Instrument :

BNA_F

ClientSampleId :

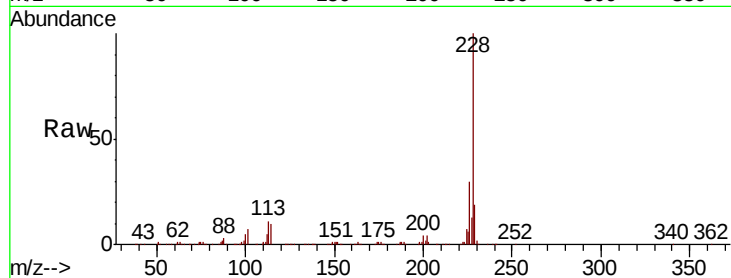
Tot Ion:228 Resp: 445588

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	19.2	15.8	23.8

228 100

226 29.8 24.8 37.2

229 19.2 15.8 23.8

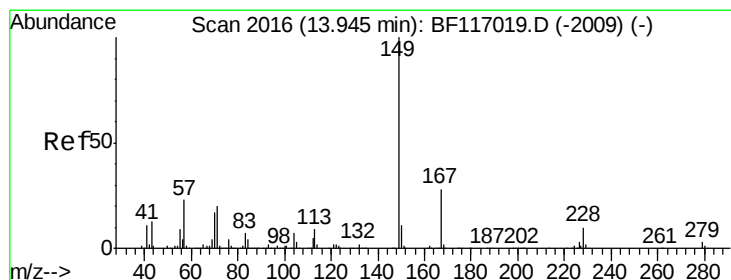
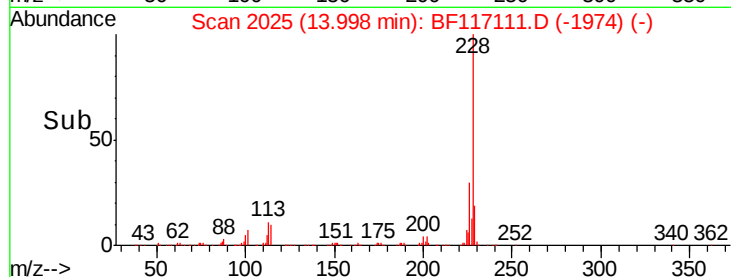
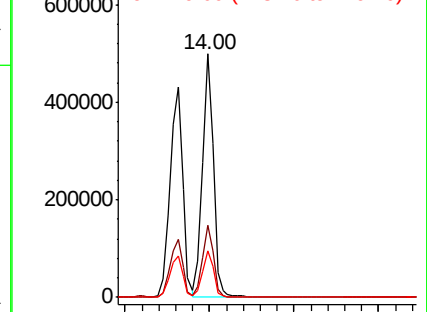


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.092 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117111.D

Acq: 17 Sep 2019 17:17

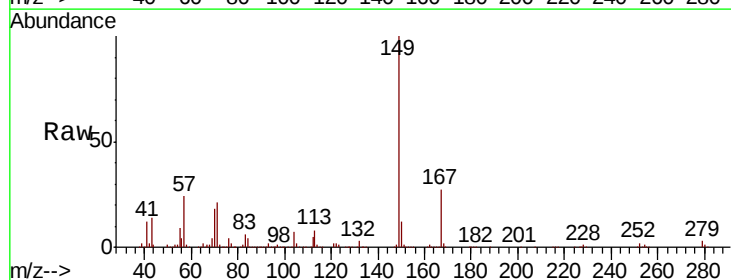
Tgt Ion:149 Resp: 365988

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	2.9	2.8	4.2

149 100

167 27.0 22.2 33.2

279 2.9 2.8 4.2

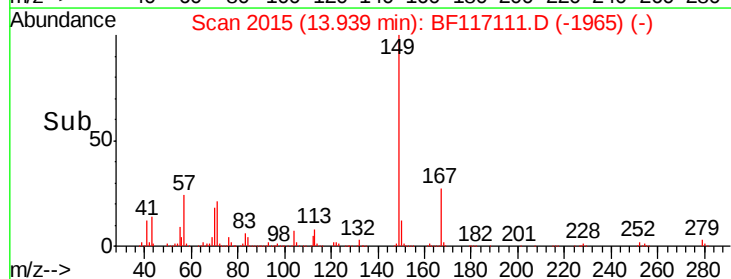
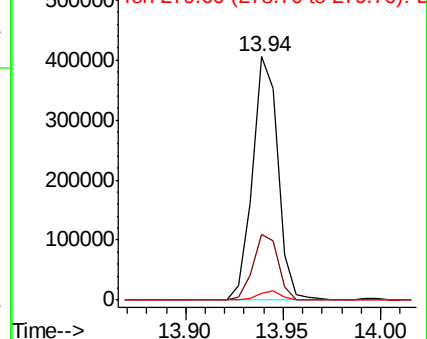


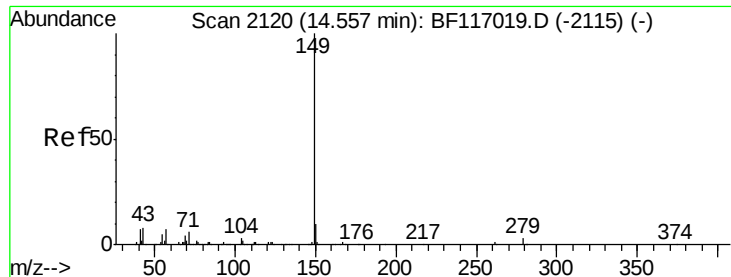
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

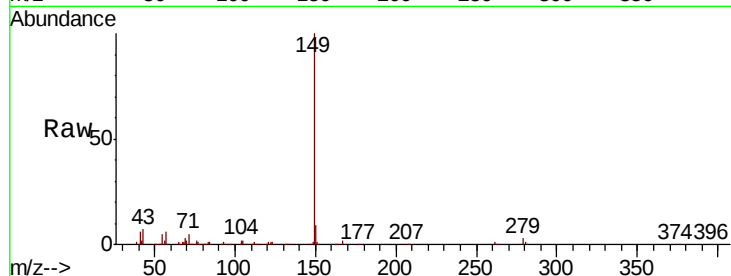




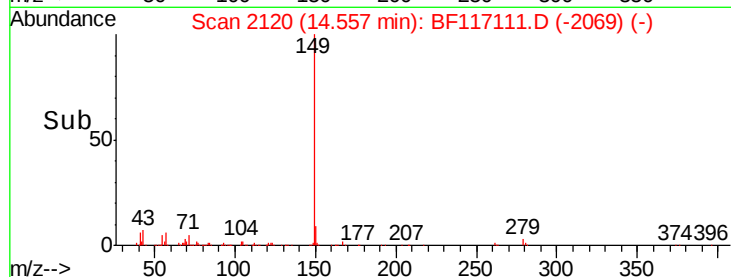
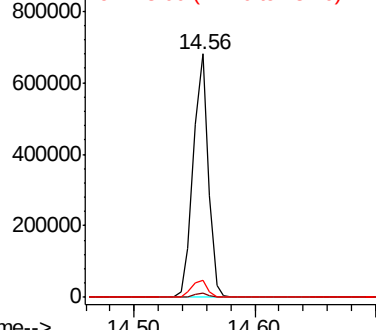
#85
Di-n-octyl phthalate
Concen: 40.587 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.4	6.2	9.4

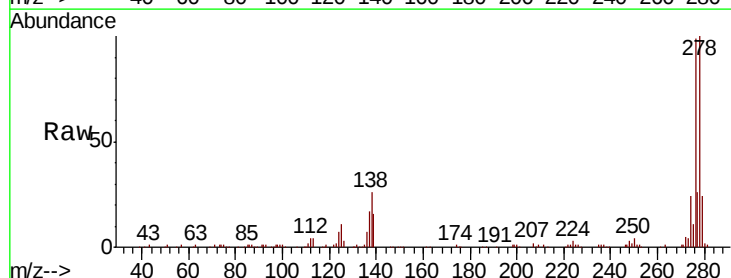


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

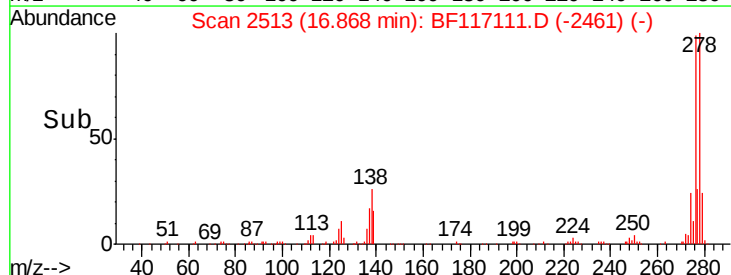
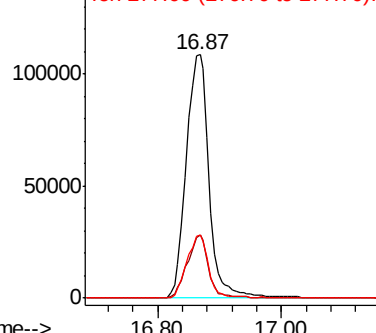


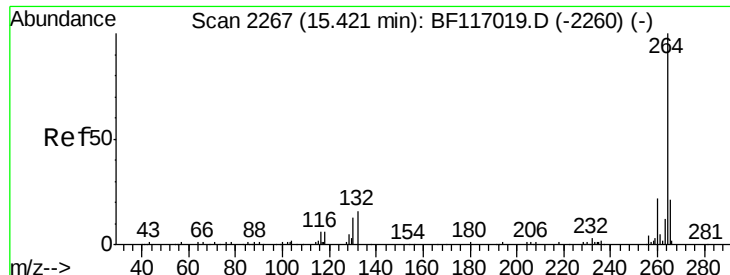
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.918 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.7	31.1
277	24.7	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

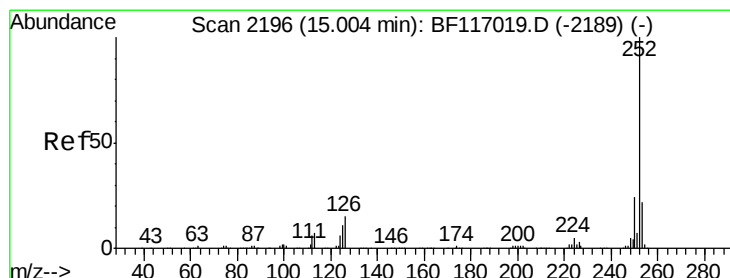
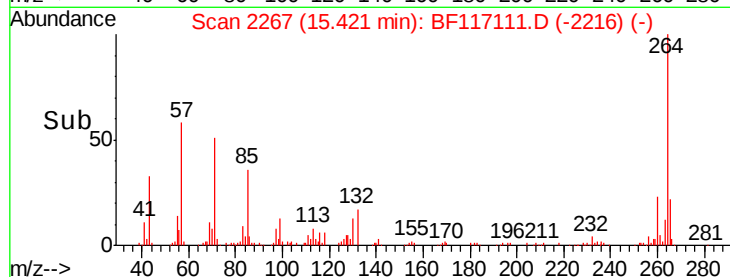
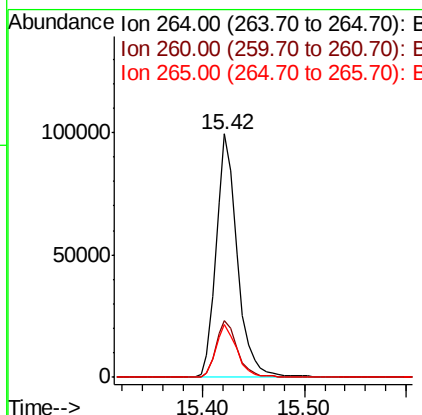
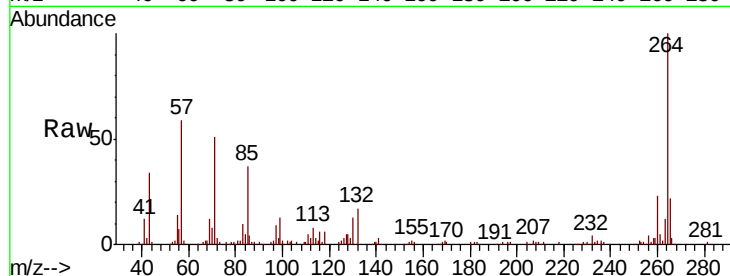




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

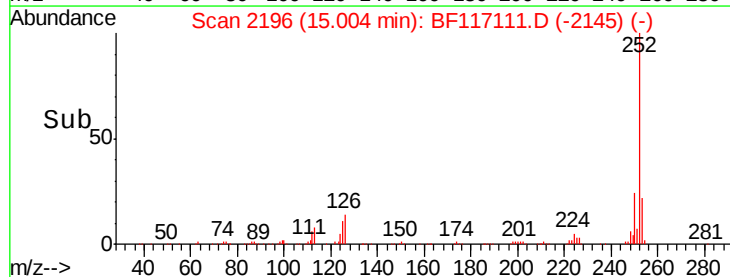
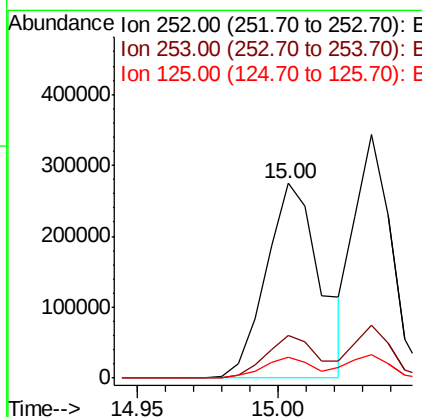
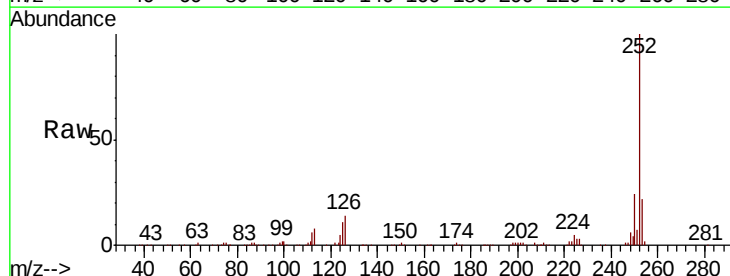
Instrument :
BNA_F
ClientSampleId :

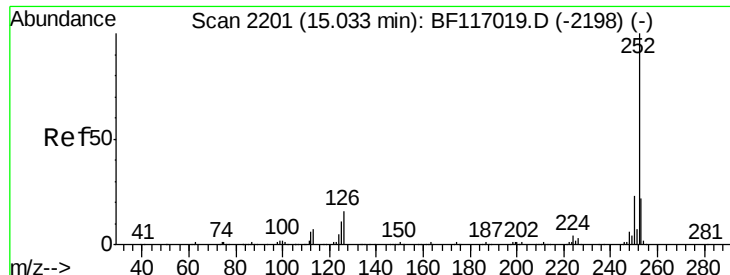
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.9	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 42.032 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.1	8.6	12.8

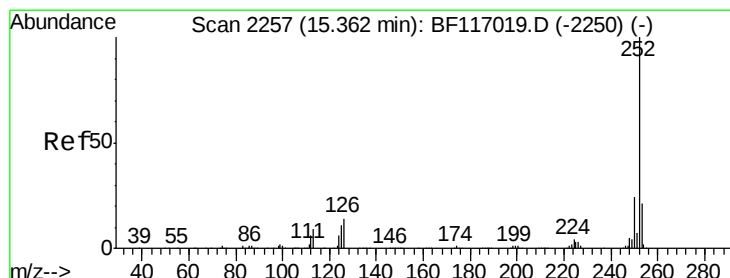
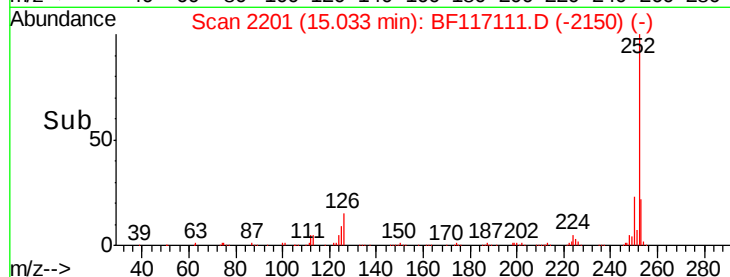
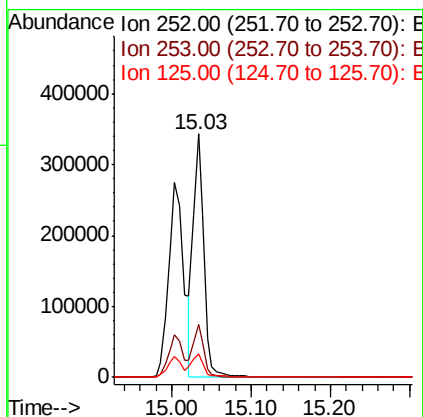
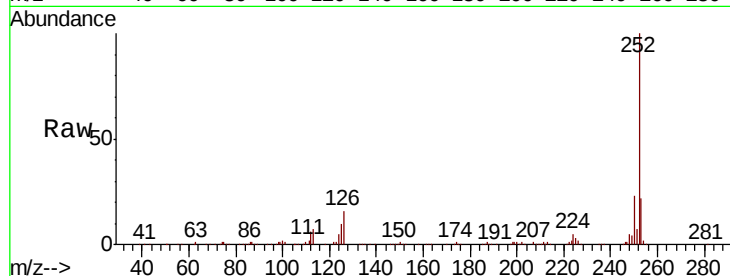




#89
Benzo(k)fluoranthene
Concen: 38.791 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

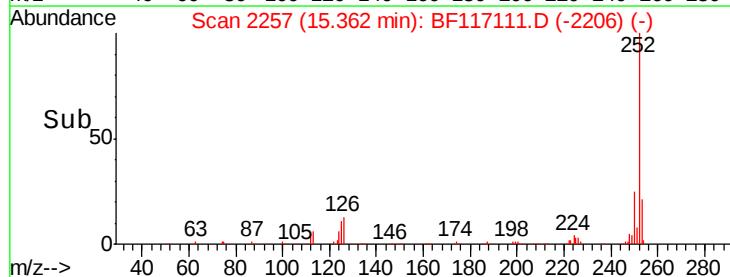
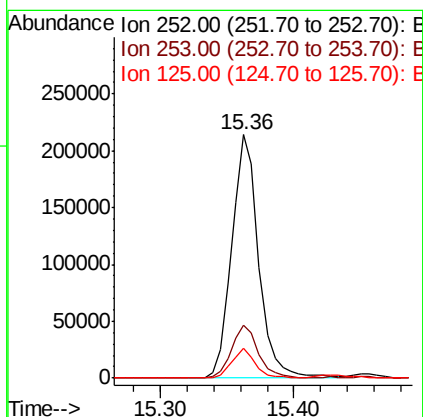
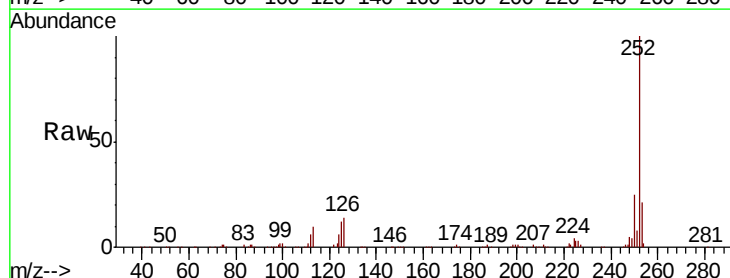
Instrument :
BNA_F
ClientSampleId :

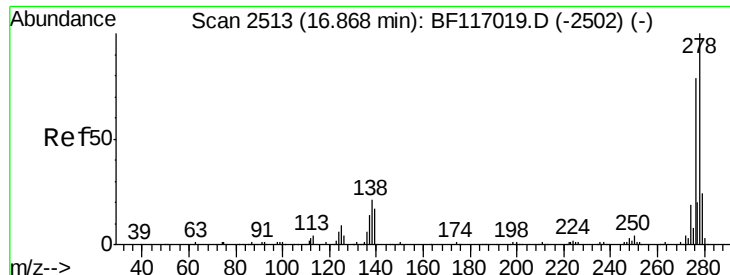
Tot Ion:252 Resp: 320774
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.8 8.8 13.2



#90
Benzo(a)pyrene
Concen: 39.390 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion:252 Resp: 301743
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 12.1 8.9 13.3

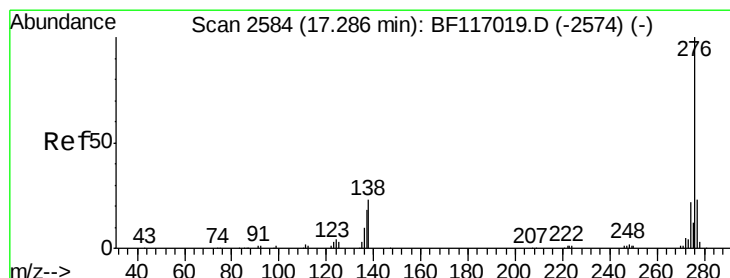
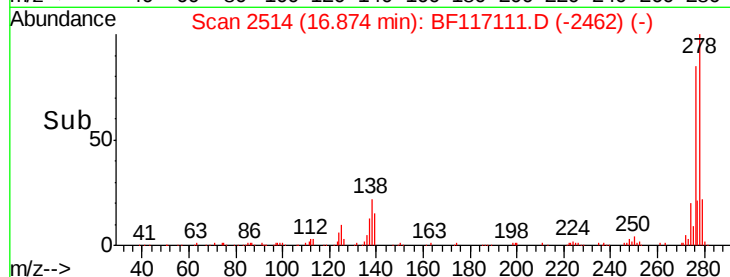
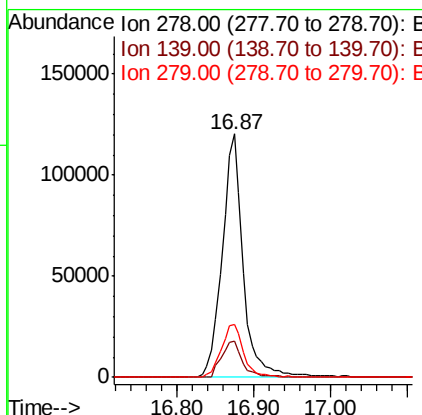
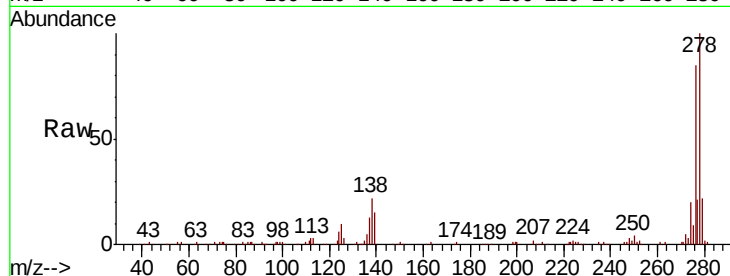




#91
Dibenzo(a,h)anthracene
Concen: 37.355 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.5	20.3
279	21.7	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 35.922 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF117111.D
Acq: 17 Sep 2019 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	27.8
138	22.5	18.0	27.0

