

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118067.D
 Acq On : 3 Dec 2019 17:33
 Operator : JU
 Sample : K6069-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

Quant Time: Dec 04 00:34:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	525239	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	284172	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	524014	20.00	ng	0.00
76) Chrysene-d12	14.07	240	317814	20.00	ng	0.00
87) Perylene-d12	15.57	264	315733	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	883889	113.91	ng	0.01
7) Phenol-d6	6.51	99	1124199	120.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	700273	79.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377287	125.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1430532	90.31	ng	0.00
79) Terphenyl-d14	13.01	244	1605043	92.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	122543	33.784	ng	98
3) Pyridine	3.45	79	299972	31.527	ng	98
4) n-Nitrosodimethylamine	3.40	42	149070	35.891	ng	99
6) Aniline	6.54	93	171671	13.880	ng	97
8) 2-Chlorophenol	6.66	128	375896	44.642	ng	99
9) Benzaldehyde	6.42	77	140126	19.436	ng	95
10) Phenol	6.52	94	450936	46.364	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	322736	41.321	ng	95
12) 1,3-Dichlorobenzene	6.82	146	410845	41.445	ng	97
13) 1,4-Dichlorobenzene	6.89	146	418372	41.753	ng	99
14) 1,2-Dichlorobenzene	7.05	146	394254	41.141	ng	99
15) Benzyl Alcohol	7.02	79	320245	44.318	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393703	32.740	ng	98
17) 2-Methylphenol	7.13	107	303579	42.574	ng	97
18) Hexachloroethane	7.39	117	152659	41.473	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	239086	41.406	ng	96
20) 3+4-Methylphenols	7.28	107	377346	42.631	ng	94
22) Acetophenone	7.29	105	517920	43.890	ng	# 94
24) Nitrobenzene	7.46	77	376975	41.357	ng	95
25) Isophorone	7.70	82	673691	41.600	ng	98
26) 2-Nitrophenol	7.78	139	209282	47.172	ng	95
27) 2,4-Dimethylphenol	7.82	122	331742	48.121	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	414309	40.316	ng	99
29) 2,4-Dichlorophenol	8.02	162	322837	43.172	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	353379	40.741	ng	99
31) Naphthalene	8.19	128	1106232	45.178	ng	99
32) Benzoic acid	7.93	122	200870	34.799	ng	99
33) 4-Chloroaniline	8.23	127	59434	5.422	ng	97
34) Hexachlorobutadiene	8.30	225	209284	41.268	ng	98
35) Caprolactam	8.60	113	63750	26.824	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	339001	44.670	ng	98
37) 2-Methylnaphthalene	8.88	142	757468	45.784	ng	99
38) 1-Methylnaphthalene	8.98	142	703880	45.002	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	338424	41.008	ng	98

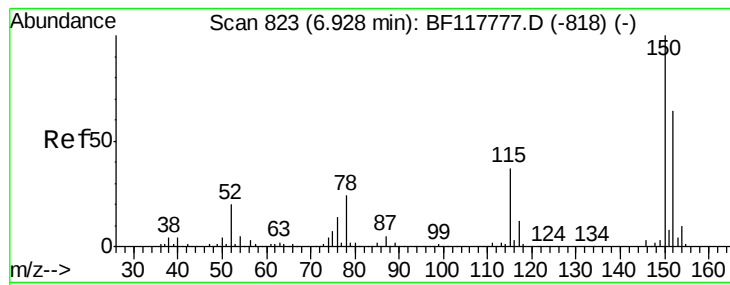
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	370434	80.098	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	231861	39.225	nq	97
44) 2,4,5-Trichlorophenol	9.20	196	250011	40.736	nq	96
46) 1,1'-Biphenyl	9.35	154	913005	43.305	nq	99
47) 2-Chloronaphthalene	9.37	162	708607	40.856	nq	97
48) 2-Nitroaniline	9.47	65	195841	37.401	nq	95
49) Acenaphthylene	9.79	152	1128832	44.642	nq	99
50) Dimethylphthalate	9.65	163	961017	48.226	nq	100
51) 2,6-Dinitrotoluene	9.71	165	191660	44.007	nq	96
52) Acenaphthene	9.96	154	657134	40.567	nq	98
53) 3-Nitroaniline	9.87	138	57555	11.044	nq	97
54) 2,4-Dinitrophenol	9.99	184	148791	67.711	nq	98
55) Dibenzofuran	10.14	168	993431	44.288	nq	99
56) 4-Nitrophenol	10.05	139	291804	75.016	nq	99
57) 2,4-Dinitrotoluene	10.12	165	252227	45.528	nq	# 84
58) Fluorene	10.48	166	764912	44.005	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	198299	39.324	nq	100
60) Diethylphthalate	10.35	149	841038	43.290	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	384940	43.638	nq	98
62) 4-Nitroaniline	10.50	138	194102	37.199	nq	97
63) Azobenzene	10.63	77	735537	41.615	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	112913	46.157	nq	81
66) n-Nitrosodiphenylamine	10.59	169	683347	44.809	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	243570	43.079	nq	97
68) Hexachlorobenzene	11.03	284	273928	41.549	nq	95
69) Atrazine	11.12	200	207199	41.302	nq	99
70) Pentachlorophenol	11.23	266	269541	69.978	nq	99
71) Phenanthrene	11.45	178	1139340	43.246	nq	99
72) Anthracene	11.50	178	1193445	45.689	nq	100
73) Carbazole	11.65	167	996437	43.653	nq	99
74) Di-n-butylphthalate	11.98	149	1302694	45.837	nq	99
75) Fluoranthene	12.64	202	1132657	47.655	nq	99
77) Benzidine	12.76	184	308072	29.593	nq	99
78) Pyrene	12.87	202	1126700	43.867	nq	99
80) Butylbenzylphthalate	13.49	149	505563	45.829	nq	98
81) Benzo(a)anthracene	14.06	228	885401	42.159	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	135742	18.478	nq	99
83) Chrysene	14.10	228	866452	42.576	nq	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	680900	50.912	nq	100
85) Di-n-octyl phthalate	14.66	149	1026314	52.236	nq	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	934912	53.978	nq	99
88) Benzo(b)fluoranthene	15.13	252	787353	38.383	nq	100
89) Benzo(k)fluoranthene	15.16	252	786760	40.705	nq	98
90) Benzo(a)pyrene	15.50	252	765229	42.423	nq	99
91) Dibenzo(a,h)anthracene	17.10	278	781560	50.339	nq	99
92) Benzo(g,h,i)perylene	17.54	276	793037	51.282	nq	100

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

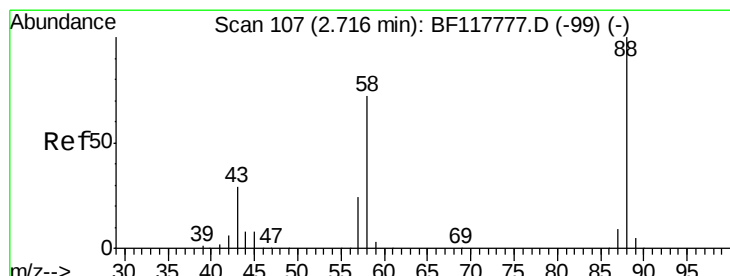
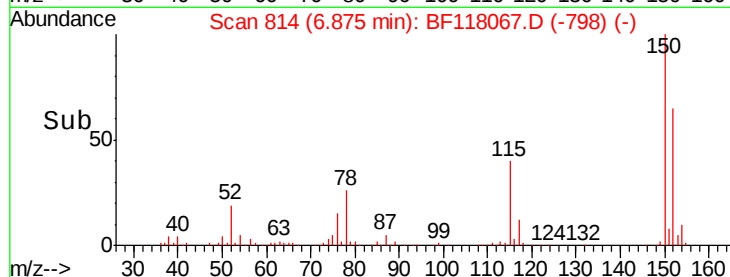
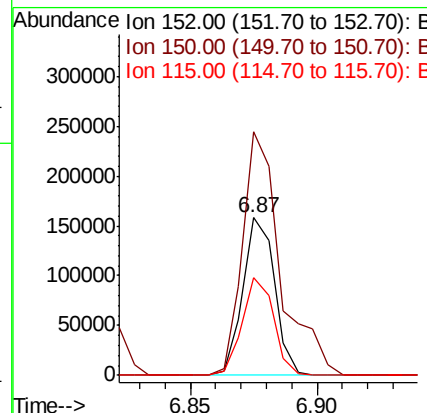
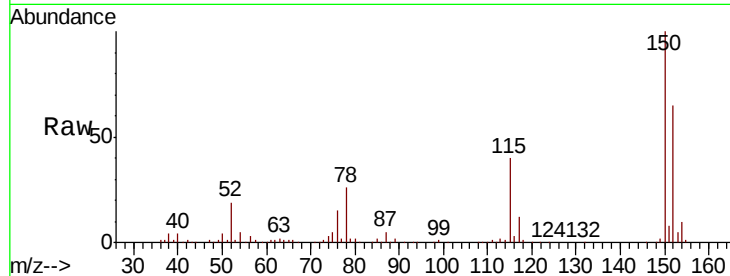


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

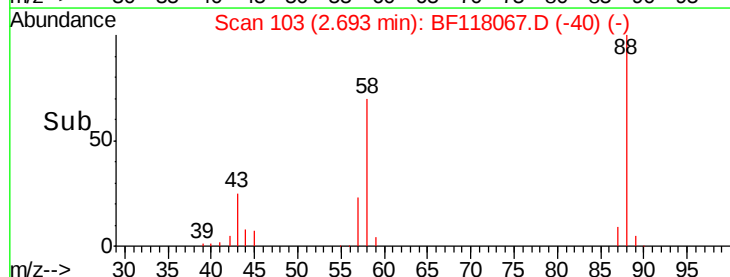
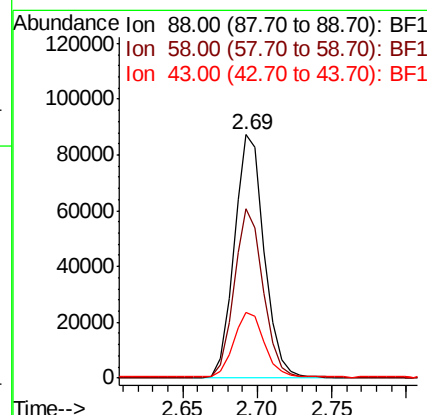
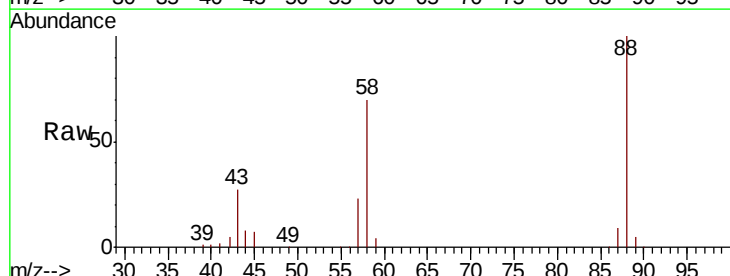
Tot Ion:152 Resp: 137358
Ion Ratio Lower Upper
152 100
150 154.8 121.4 182.2
115 62.0 48.8 73.2

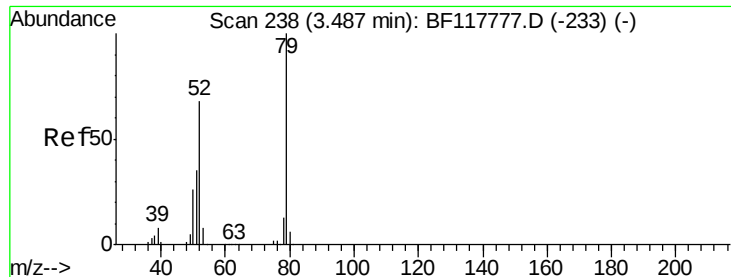


#2

1,4-Dioxane
Concen: 33.784 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion: 88 Resp: 122543
Ion Ratio Lower Upper
88 100
58 68.0 52.6 78.8
43 27.4 21.8 32.6





#3

Pvridine

Concen: 31.527 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

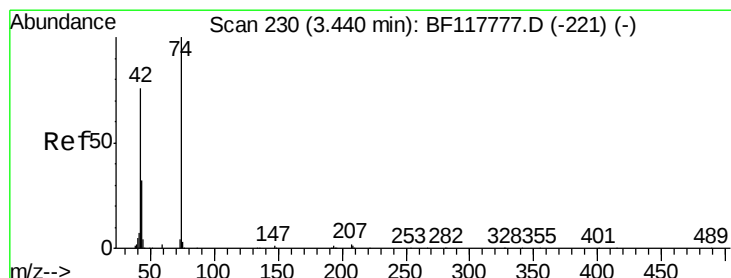
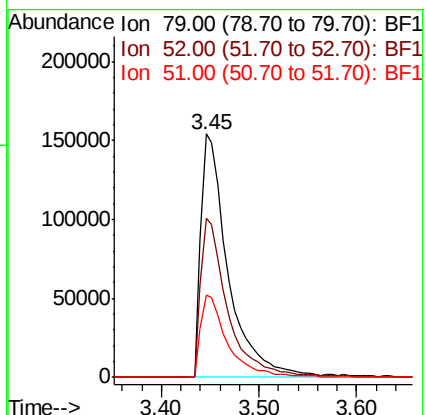
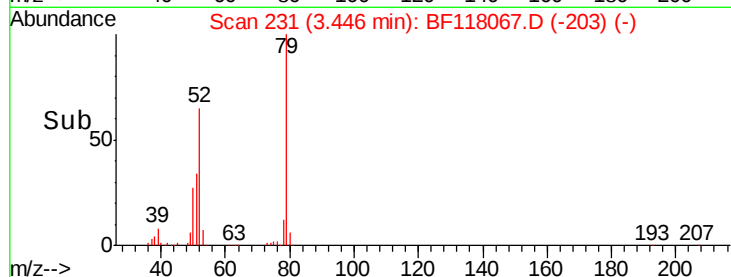
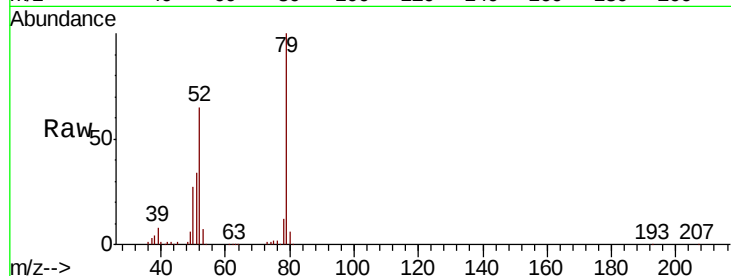
Tot Ion: 79 Resp: 299972

Ion Ratio Lower Upper

79 100

52 65.4 50.6 75.8

51 34.0 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 35.891 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

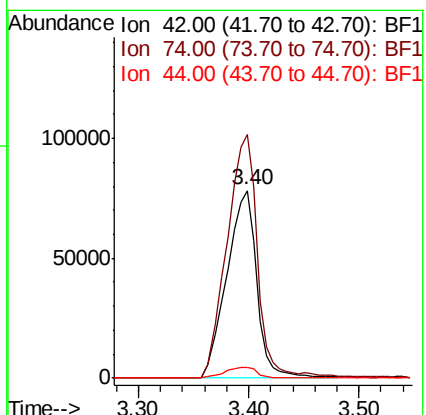
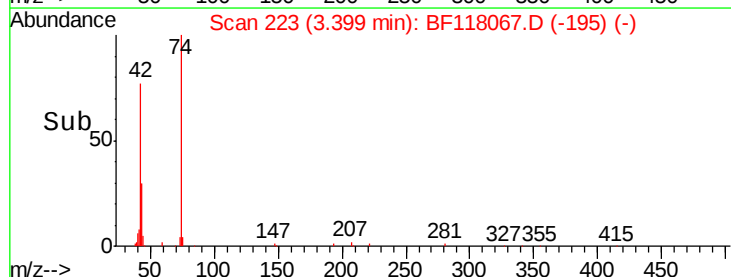
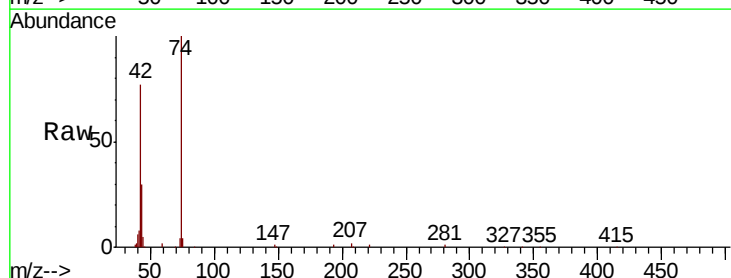
Tgt Ion: 42 Resp: 149070

Ion Ratio Lower Upper

42 100

74 129.6 102.8 154.2

44 5.9 4.7 7.1





#5

2-Fluorophenol

Concen: 113.905 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

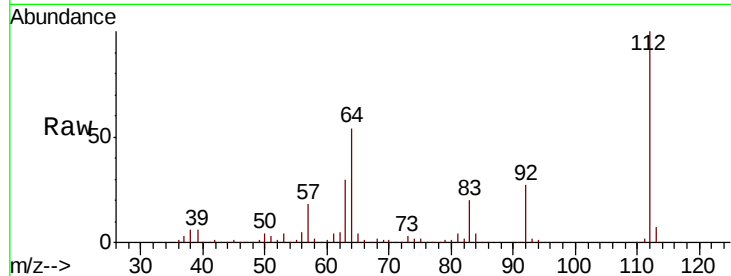
Tot Ion:112 Resp: 883889

Ion Ratio Lower Upper

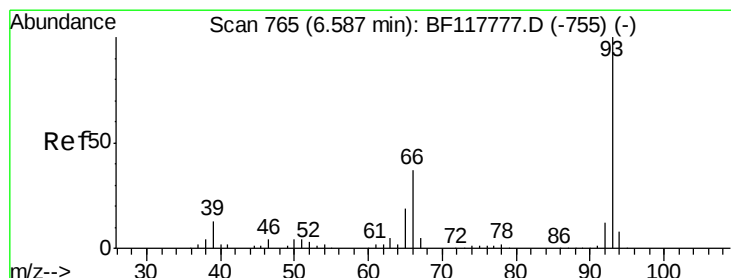
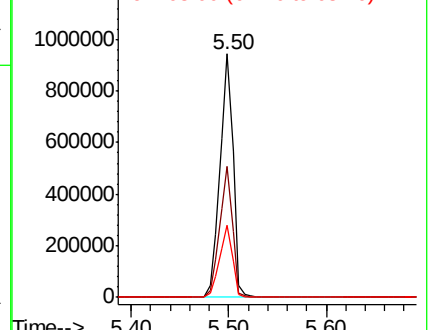
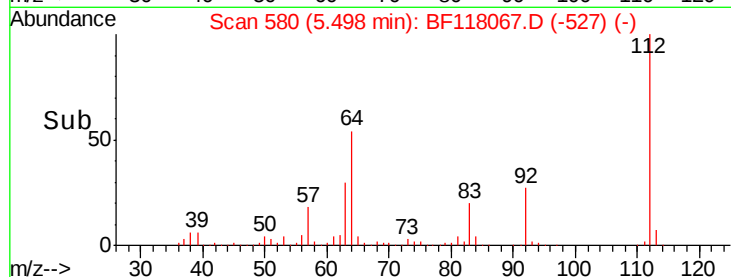
112 100

64 53.8 45.1 67.7

63 29.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF118067.D (-527) (-)



#6

Aniline

Concen: 13.880 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

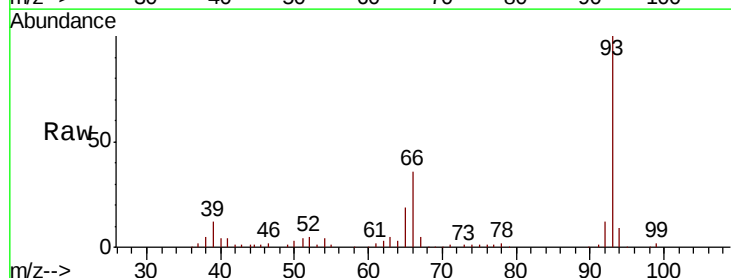
Tgt Ion: 93 Resp: 171671

Ion Ratio Lower Upper

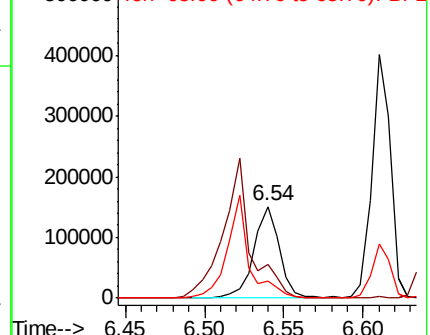
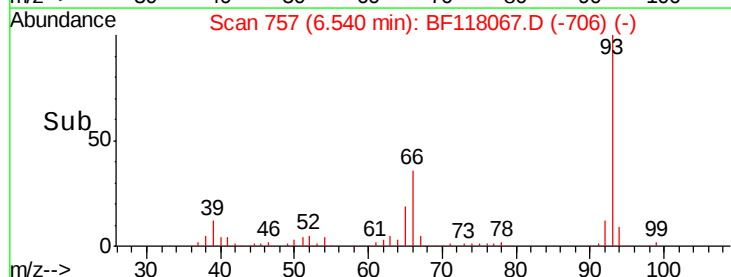
93 100

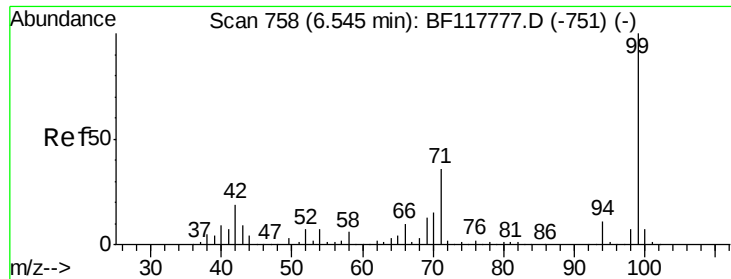
66 36.3 31.0 46.6

65 19.0 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF118067.D (-706) (-)





#7

Phenol-d6

Concen: 120.111 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

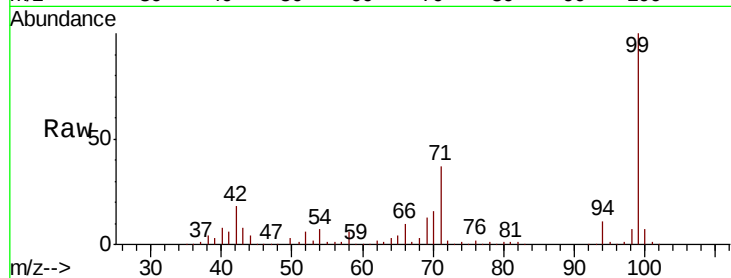
BNA_F

ClientSampleId :

SB-3MS

Tot Ion: 99 Resp: 1124199

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	37.4	29.2	43.8

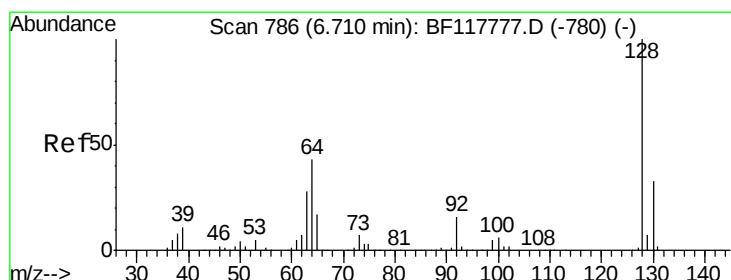
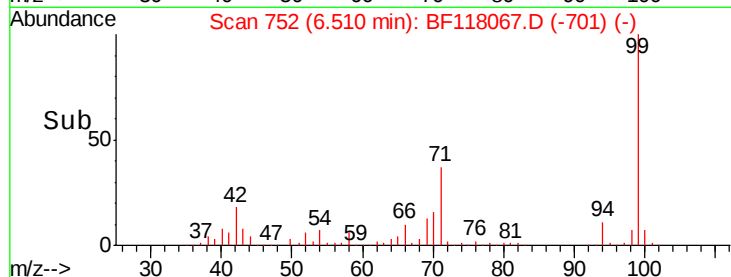
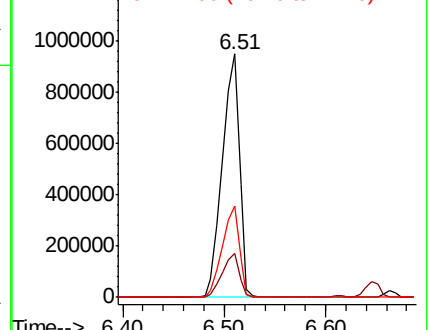


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.642 ng

RT: 6.66 min Scan# 778

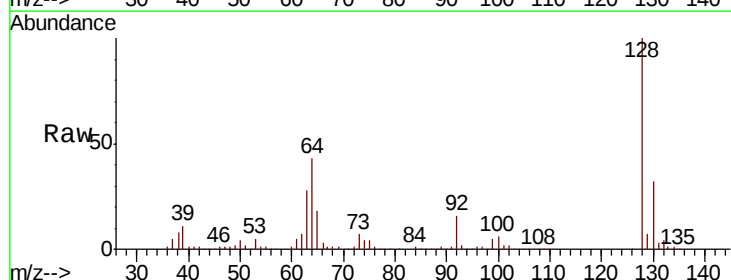
Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion: 128 Resp: 375896

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.4	52.4
64	42.8	23.2	63.2

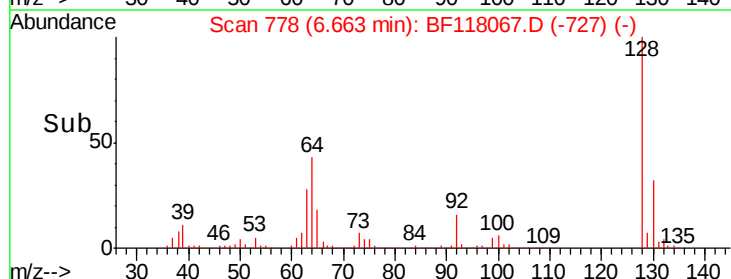
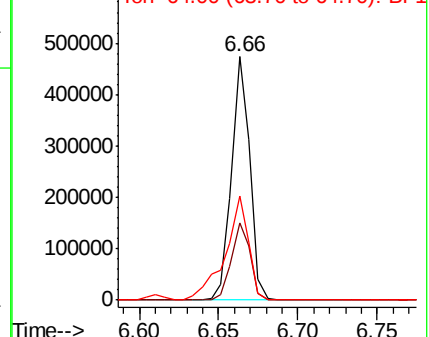


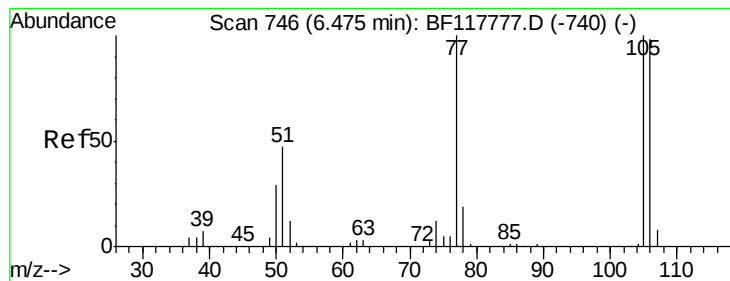
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.436 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

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SB-3MS

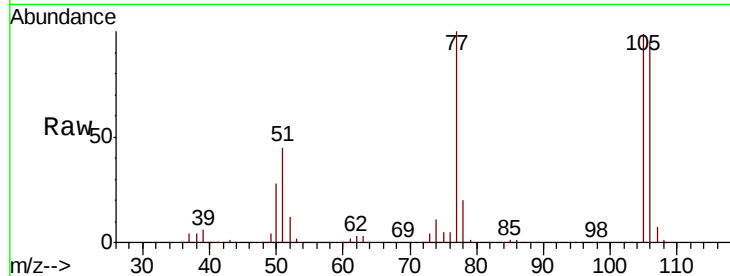
Tot Ion: 77 Resp: 140126

Ion Ratio Lower Upper

77 100

105 99.2 83.3 123.3

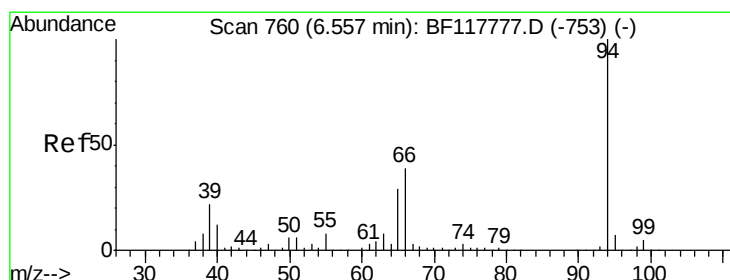
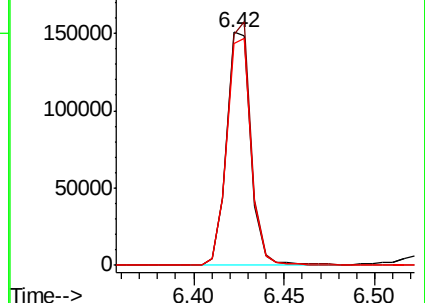
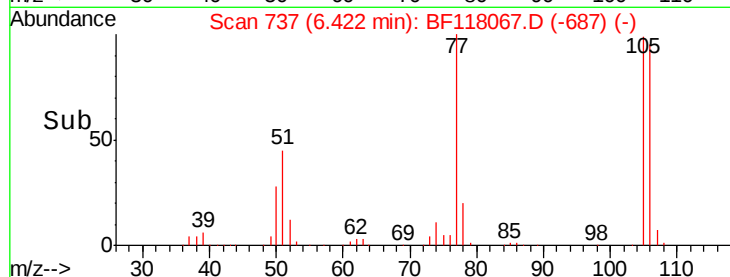
106 95.0 80.9 120.9



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: 46.364 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

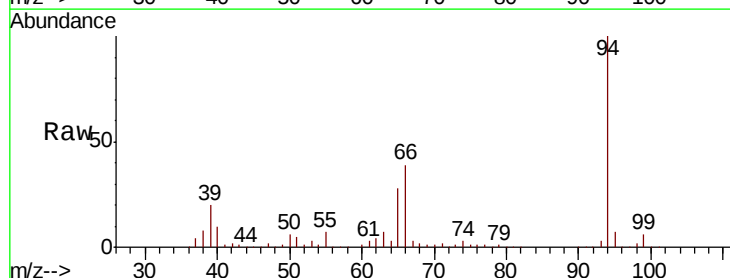
Tgt Ion: 94 Resp: 450936

Ion Ratio Lower Upper

94 100

65 28.3 6.9 46.9

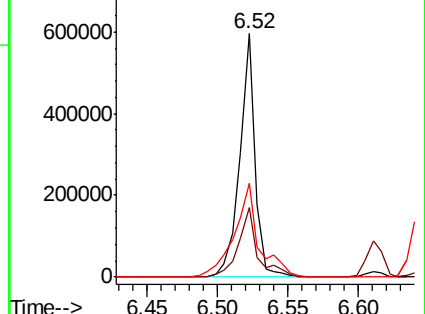
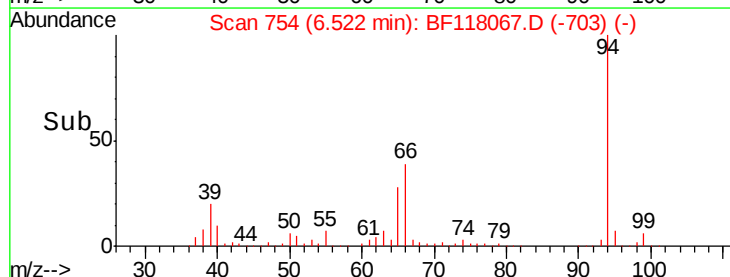
66 38.7 18.6 58.6

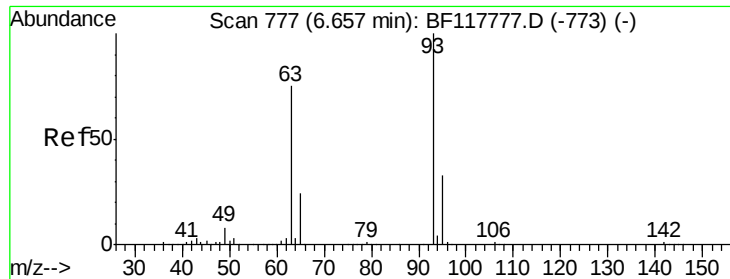


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

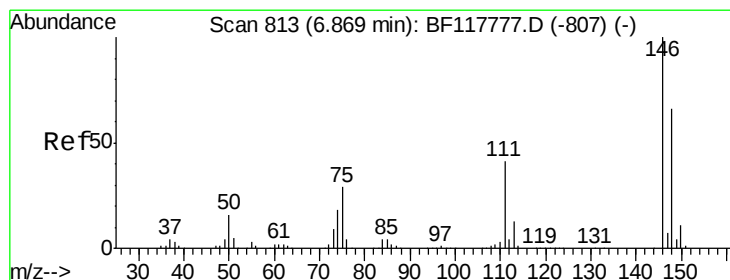
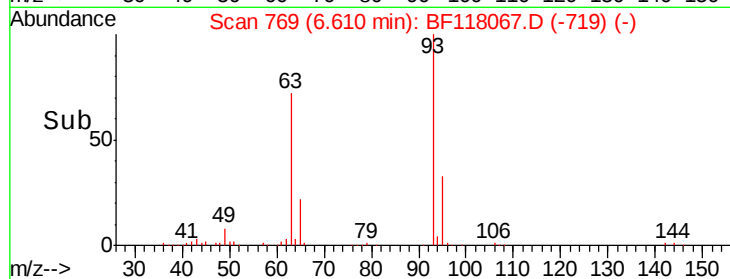
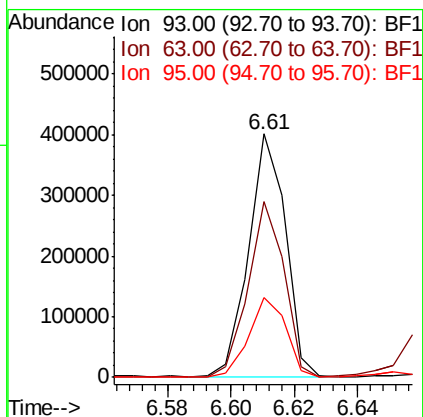
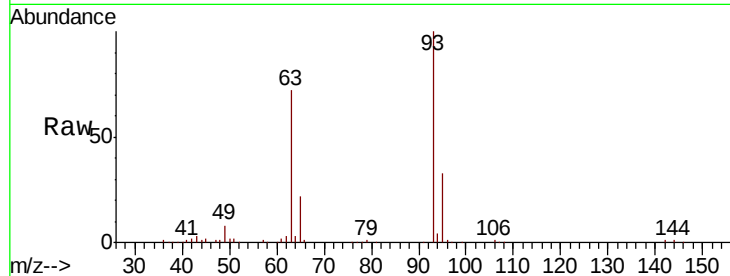




#11
bis(2-Chloroethyl)ether
Concen: 41.321 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

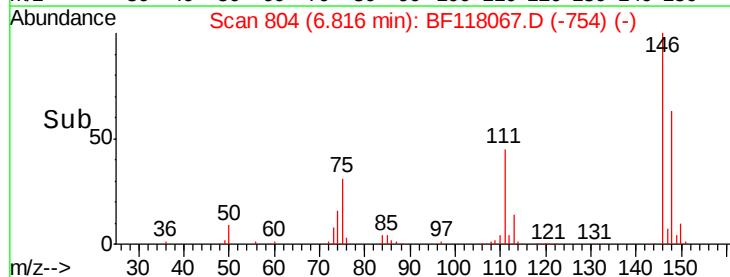
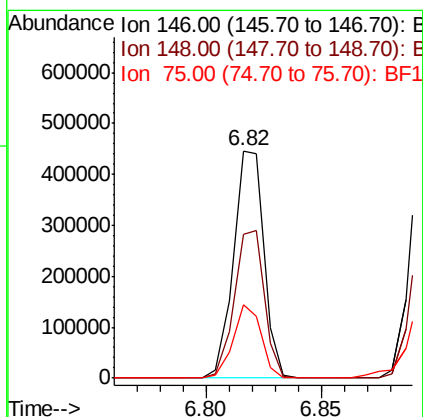
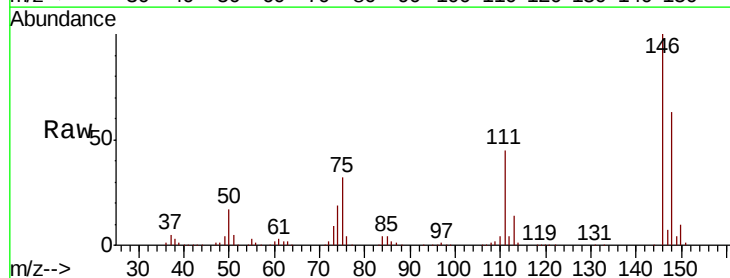
Instrument :
BNA_F
ClientSampleId :
SB-3MS

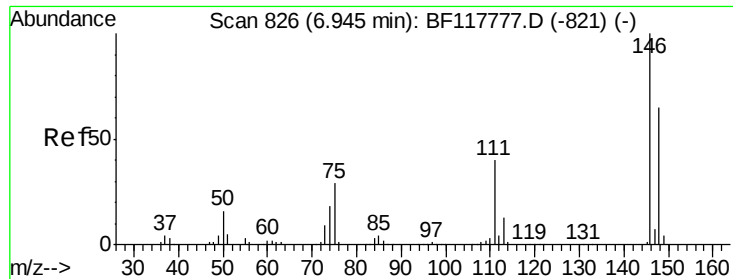
Tot Ion: 93 Resp: 322736
Ion Ratio Lower Upper
93 100
63 72.2 46.8 86.8
95 32.6 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 41.445 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion: 146 Resp: 410845
Ion Ratio Lower Upper
146 100
148 63.3 52.7 79.1
75 32.5 24.5 36.7

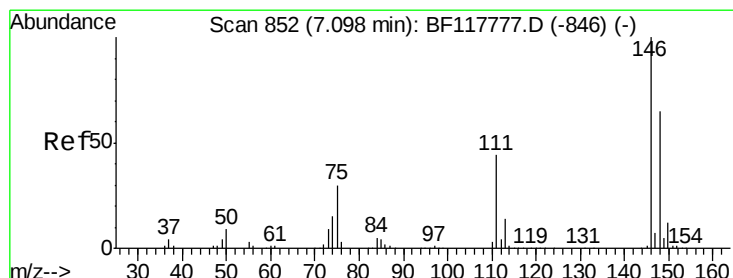
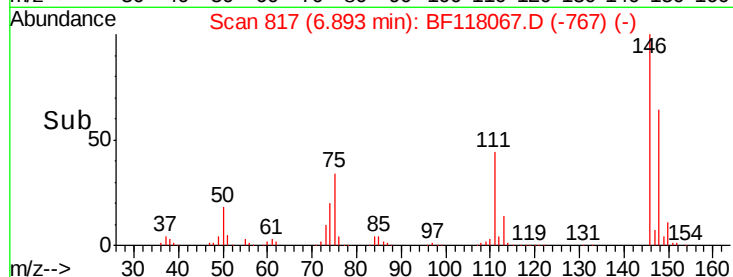
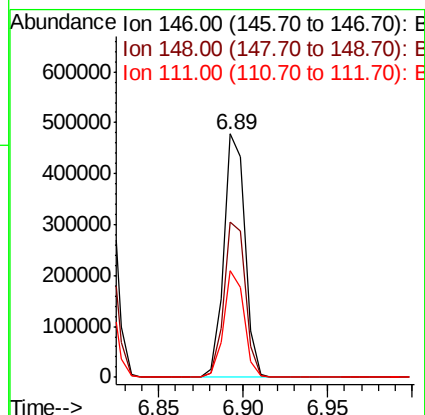
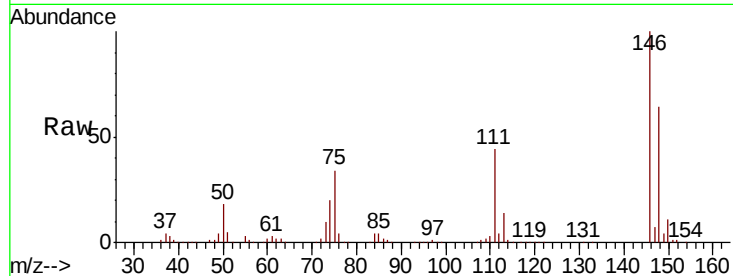




#13
 1,4-Dichlorobenzene
 Concen: 41.753 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

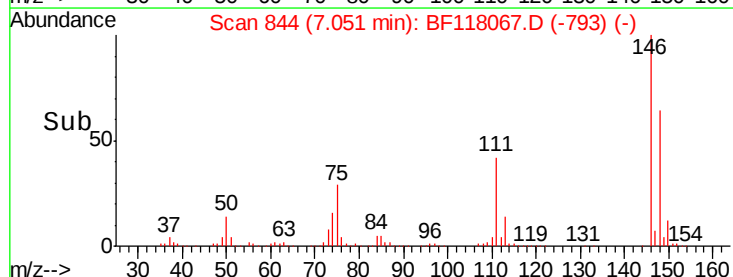
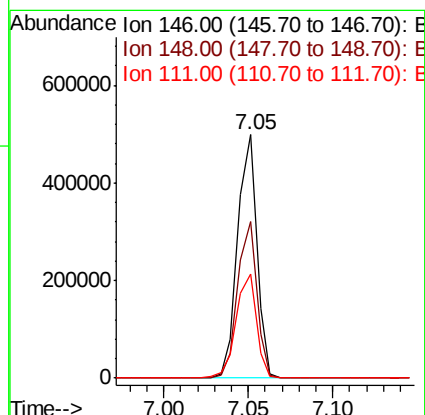
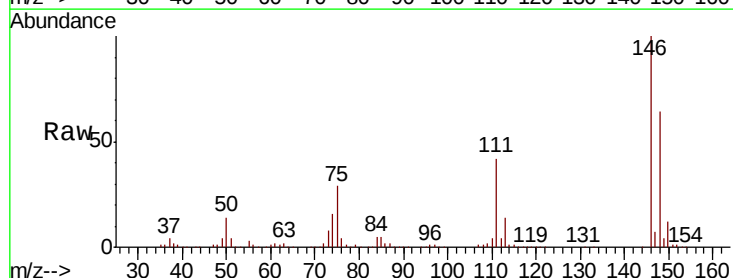
Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

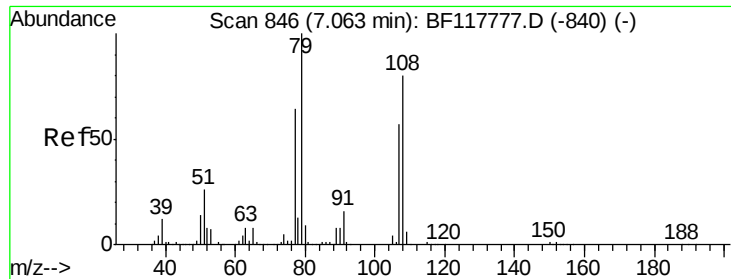
Tot Ion:146 Resp: 418372
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 43.9 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 41.141 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion:146 Resp: 394254
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 42.5 35.8 53.8





#15

Benzyl Alcohol

Concen: 44.318 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

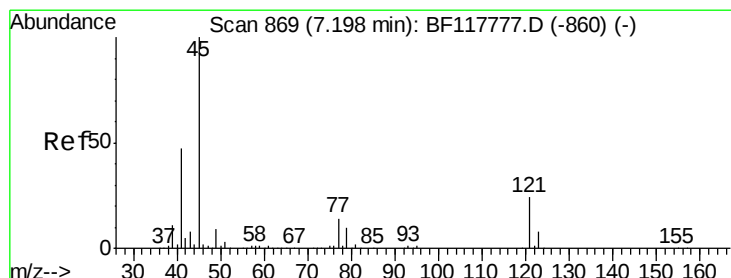
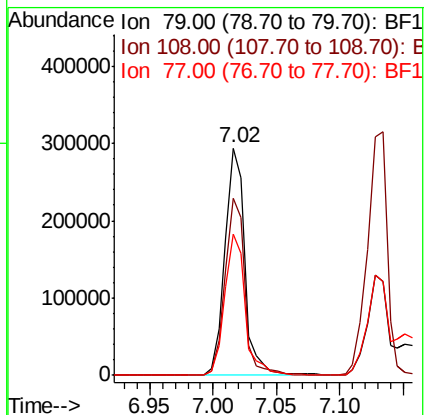
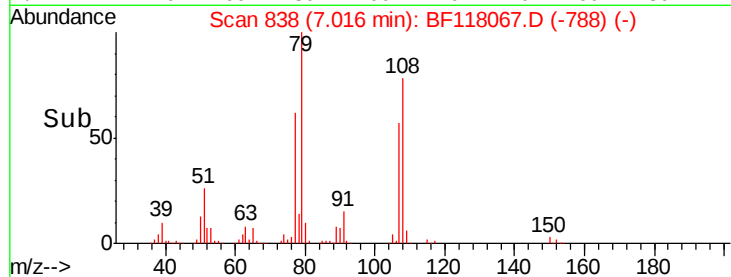
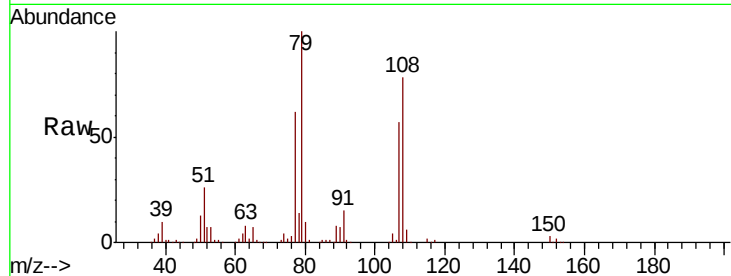
Tot Ion: 79 Resp: 320245

Ion Ratio Lower Upper

79 100

108 78.1 63.1 94.7

77 62.3 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.740 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

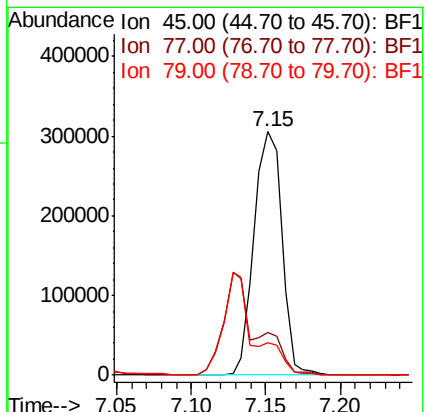
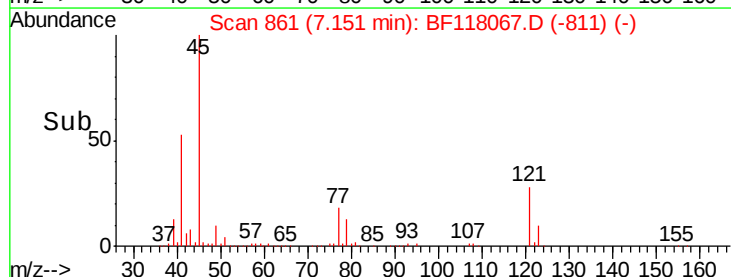
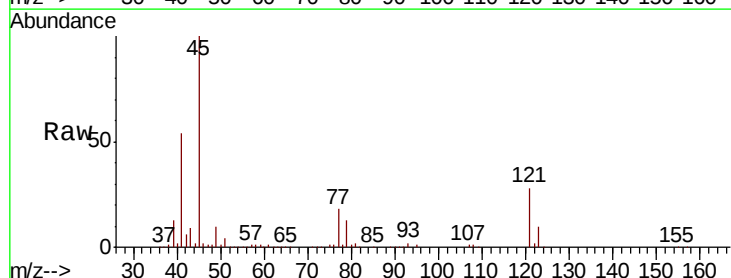
Tgt Ion: 45 Resp: 393703

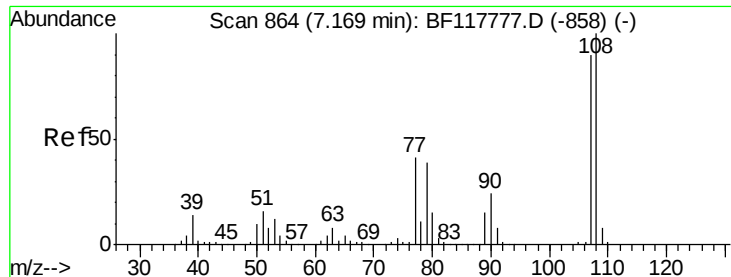
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.8

79 13.1 0.0 33.5

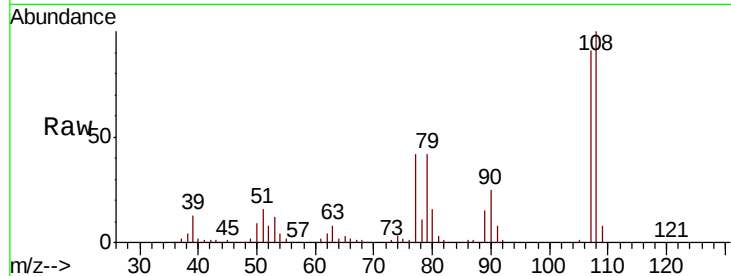




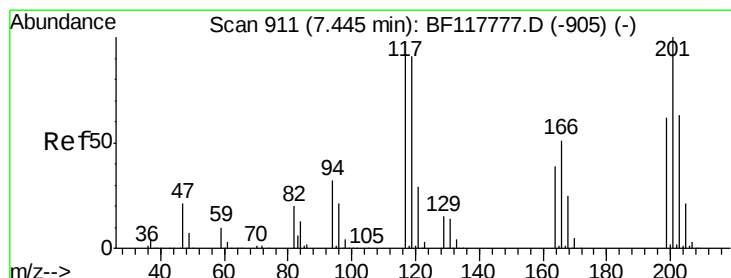
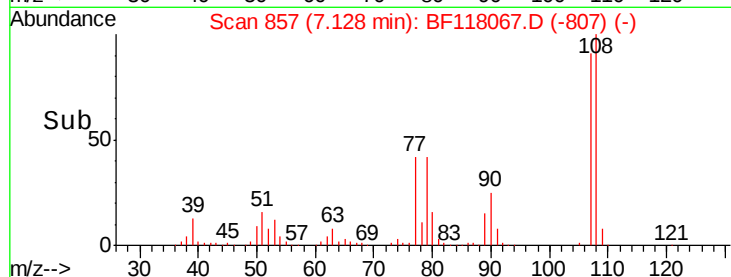
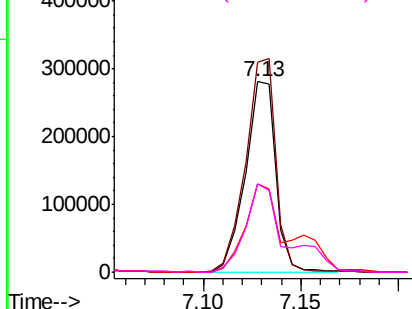
#17
2-Methylphenol
Concen: 42.574 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:107 Resp: 303579
Ion Ratio Lower Upper
107 100
108 109.9 89.8 134.8
77 46.0 35.0 52.6
79 46.0 35.0 52.6

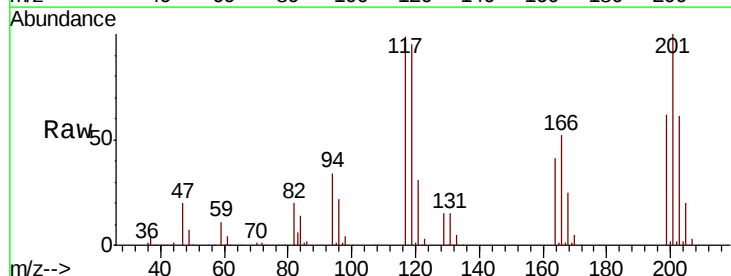


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

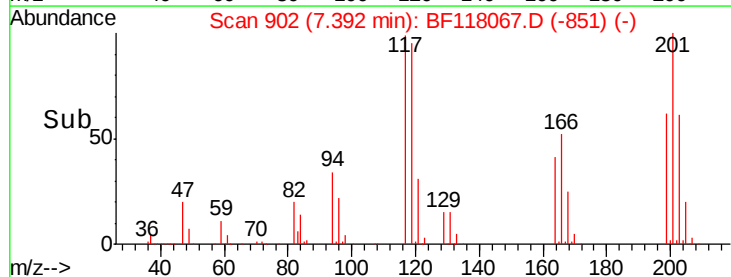
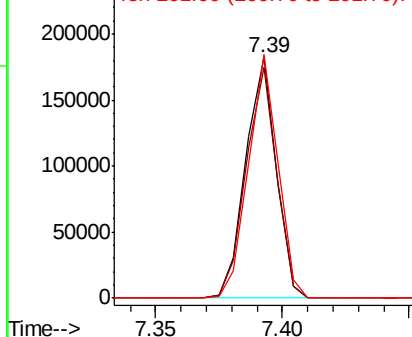


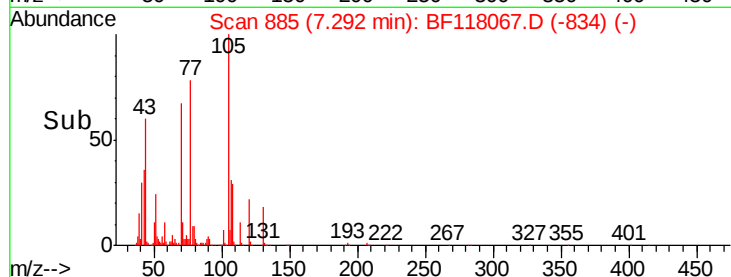
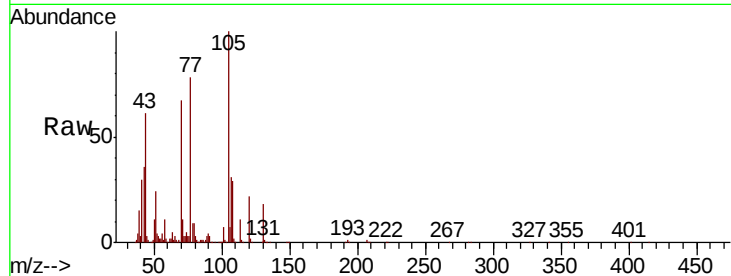
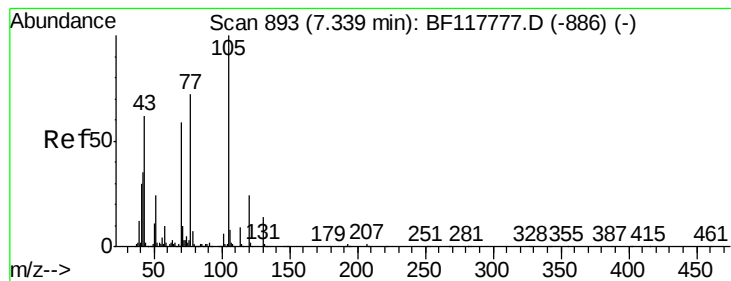
#18
Hexachloroethane
Concen: 41.473 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:117 Resp: 152659
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
201 101.0 71.7 107.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.406 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

Tot Ion: 70 Resp: 239086

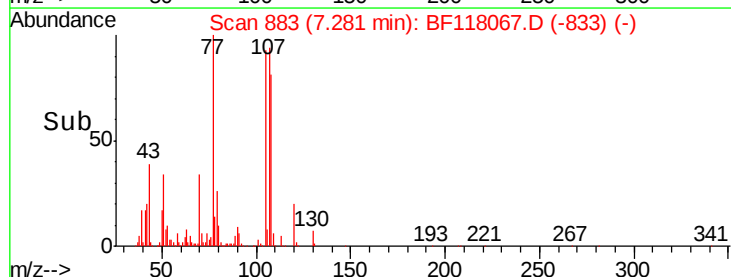
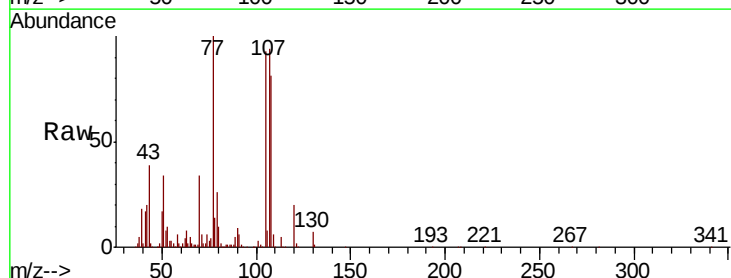
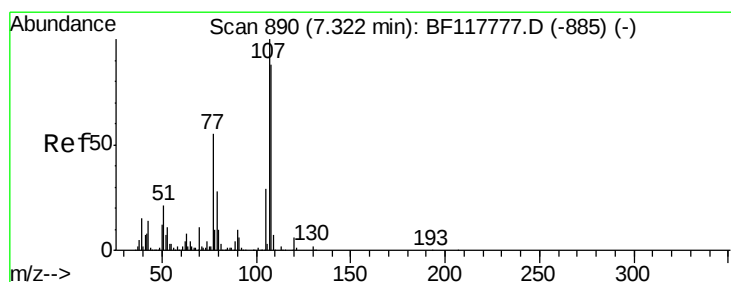
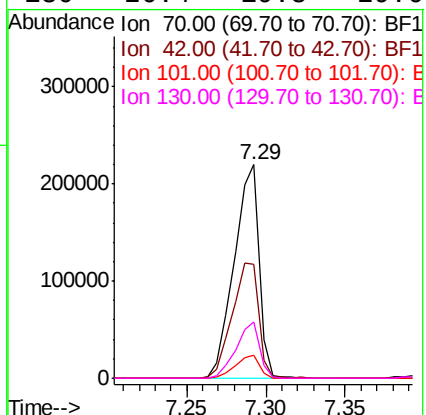
Ion Ratio Lower Upper

70 100

42 53.3 46.0 69.0

101 11.1 8.8 13.2

130 26.4 19.8 29.6



#20

3+4-Methylphenols

Concen: 42.631 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion: 107 Resp: 377346

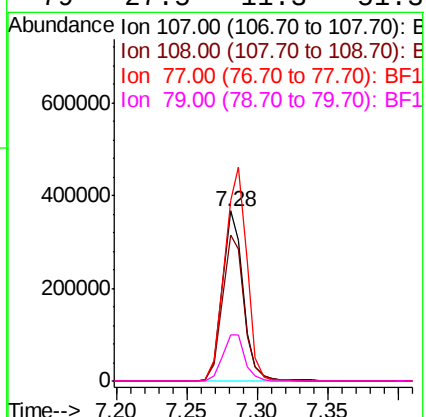
Ion Ratio Lower Upper

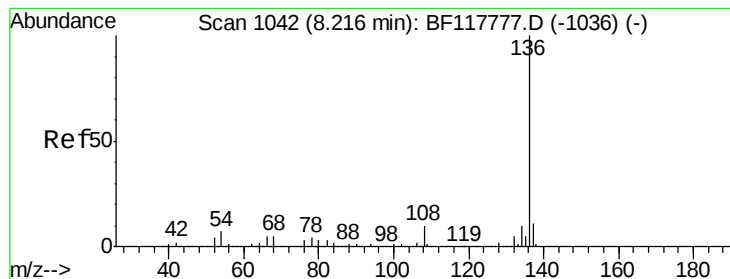
107 100

108 86.0 71.9 111.9

77 106.3 91.6 131.6

79 27.5 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

Tot Ion:136 Resp: 525239

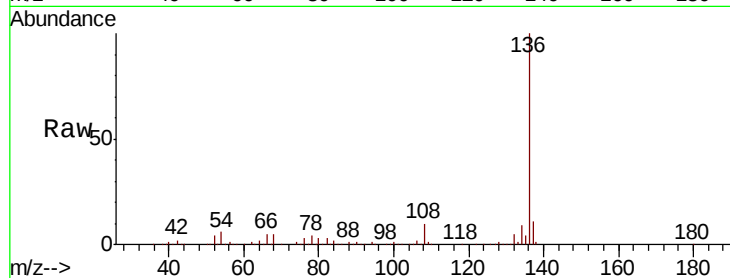
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.3 4.9 7.3

68 5.2 3.6 5.4

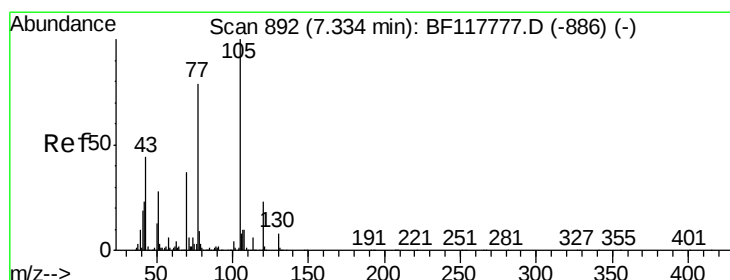
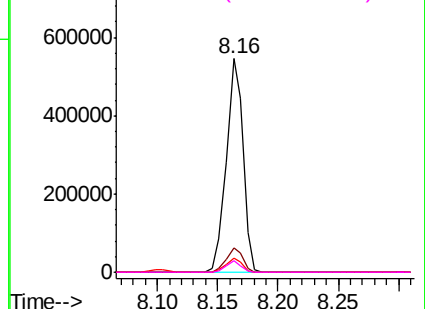
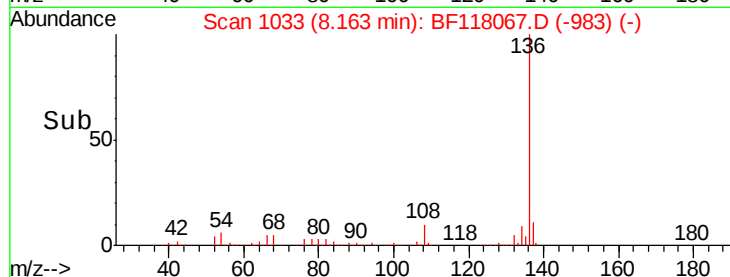


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.890 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Tgt Ion:105 Resp: 517920

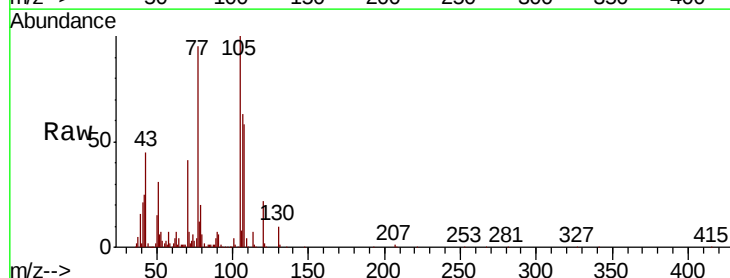
Ion Ratio Lower Upper

105 100

71 7.0 5.9 8.9

51 31.0 20.2 30.2#

120 22.1 17.9 26.9

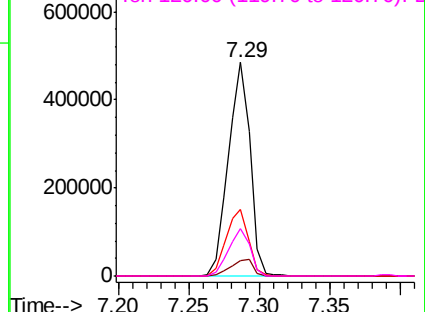
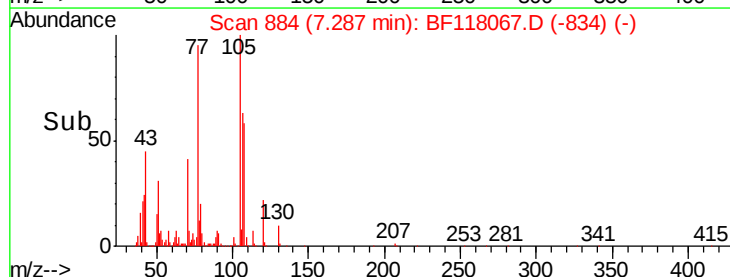


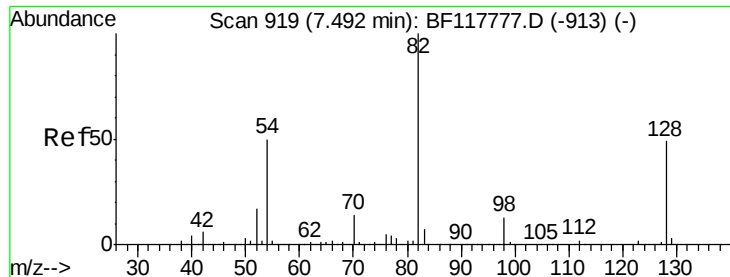
Abundance Ion 105.00 (104.70 to 105.70): E

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

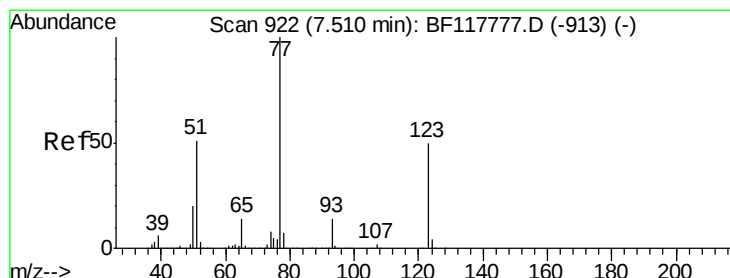
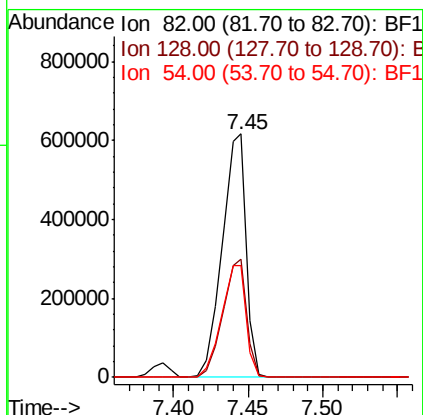
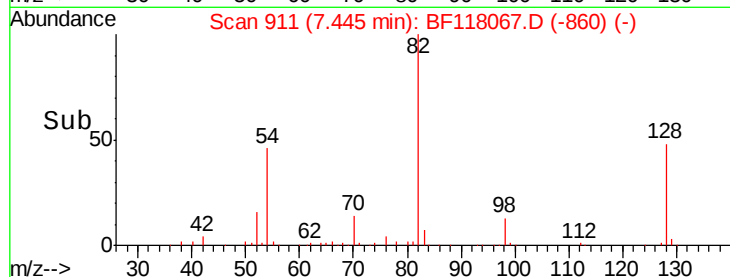
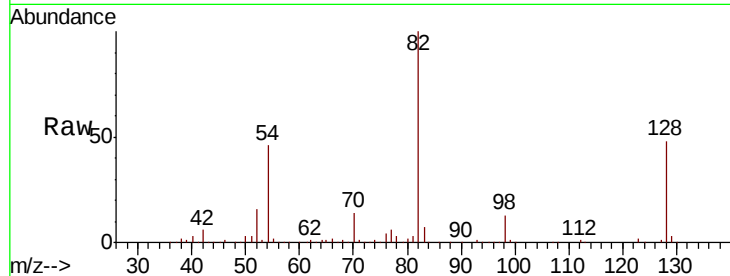




#23
 Nitrobenzene-d5
 Concen: 79.256 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

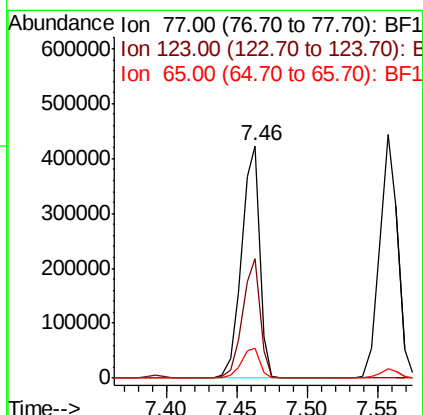
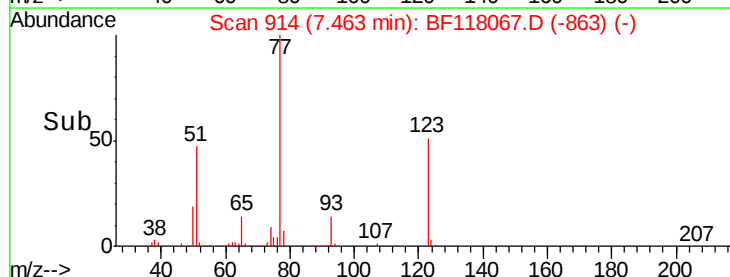
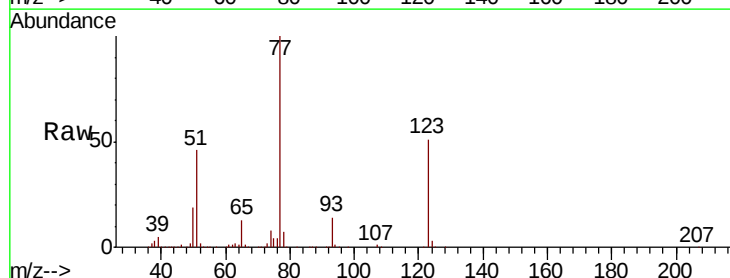
Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

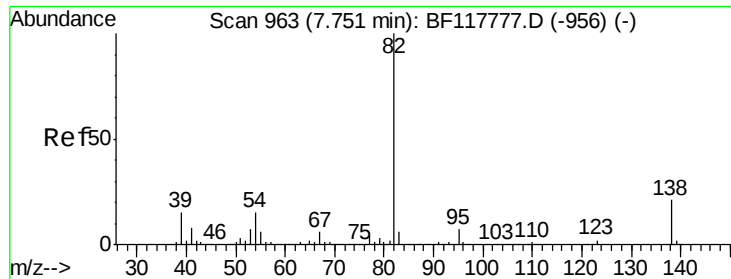
Tot Ion: 82 Resp: 700273
 Ion Ratio Lower Upper
 82 100
 128 48.4 38.2 57.4
 54 45.7 39.0 58.4



#24
 Nitrobenzene
 Concen: 41.357 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion: 77 Resp: 376975
 Ion Ratio Lower Upper
 77 100
 123 51.5 38.2 57.2
 65 13.0 11.1 16.7





#25

Isophorone

Concen: 41.600 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

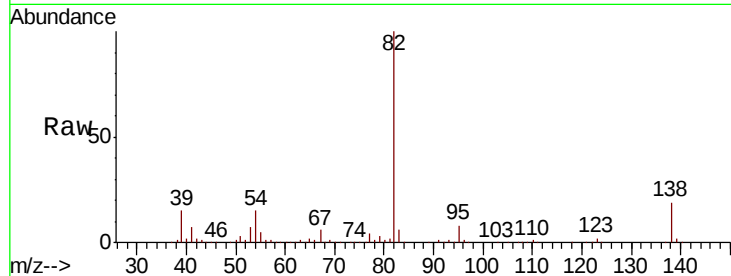
Tot Ion: 82 Resp: 673691

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

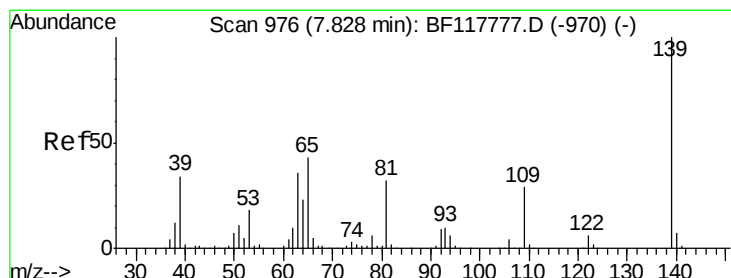
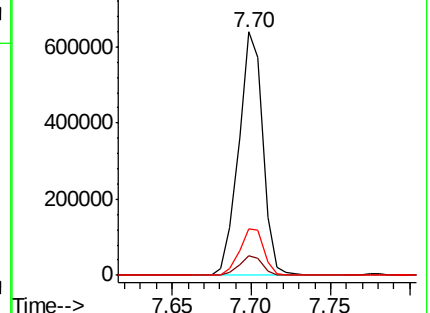
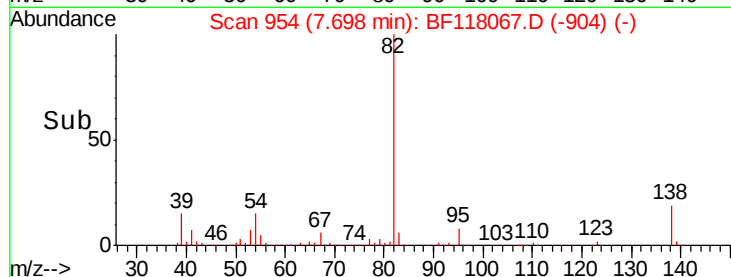
138 18.9 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.172 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

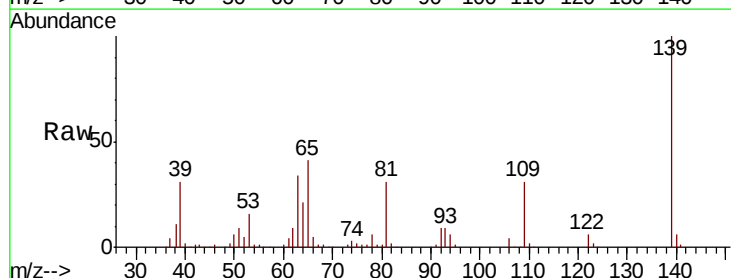
Tgt Ion: 139 Resp: 209282

Ion Ratio Lower Upper

139 100

109 31.1 23.8 35.6

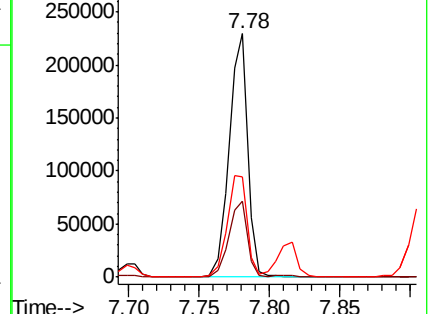
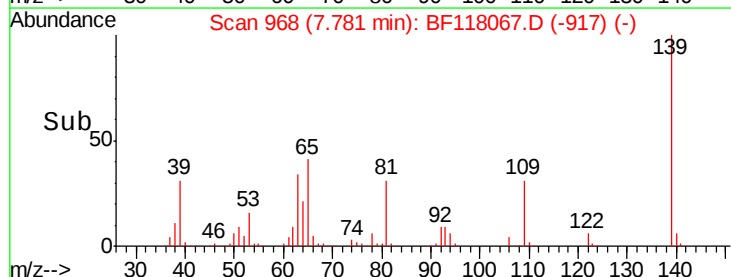
65 41.3 36.2 54.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.121 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

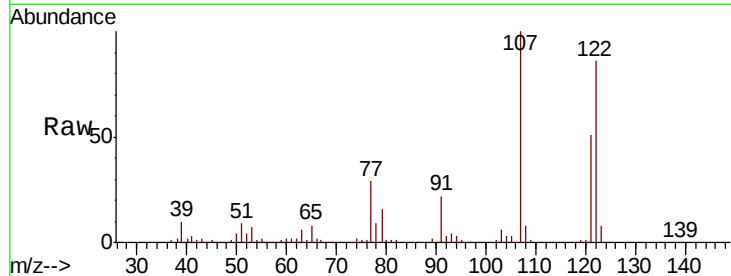
Tot Ion:122 Resp: 331742

Ion Ratio Lower Upper

122 100

107 116.2 92.6 138.8

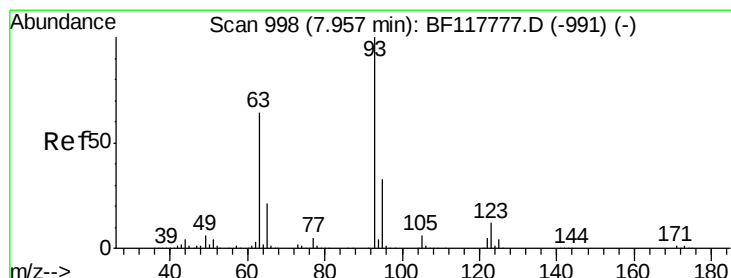
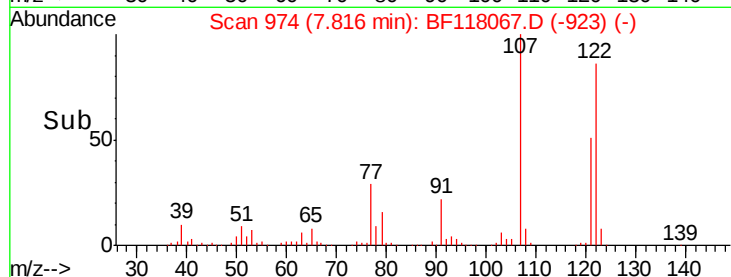
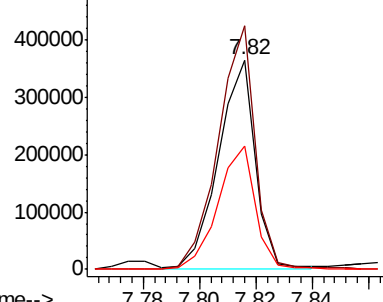
121 58.8 46.9 70.3



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: 40.316 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

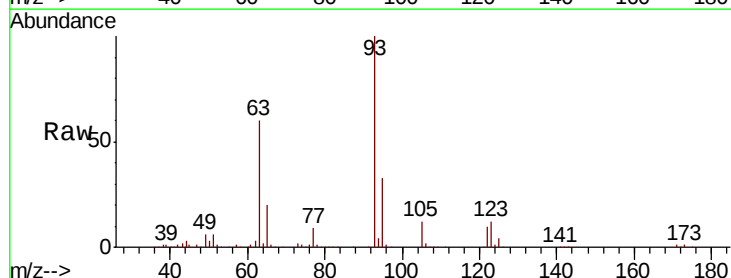
Tgt Ion: 93 Resp: 414309

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

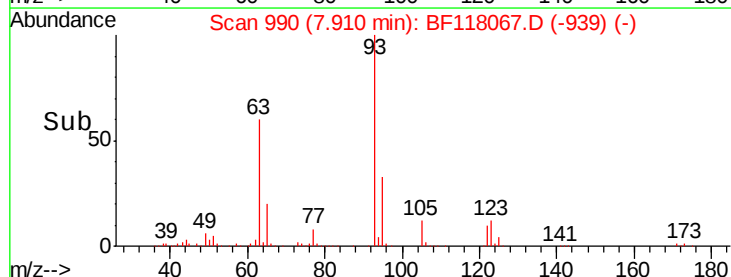
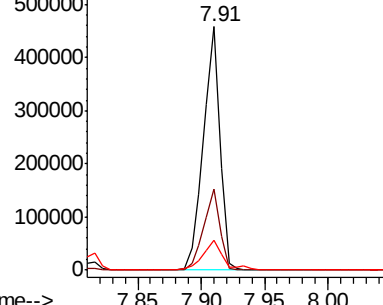
123 12.4 10.2 15.4

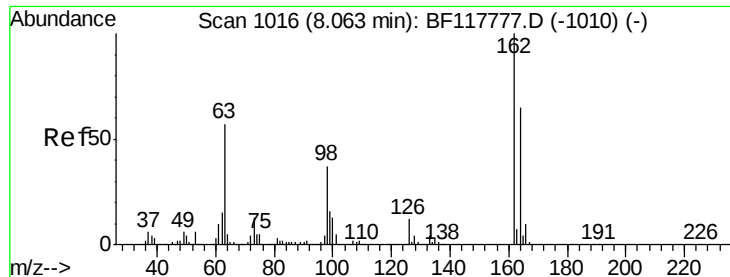


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

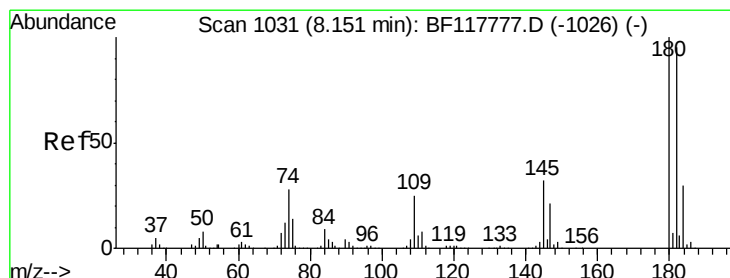
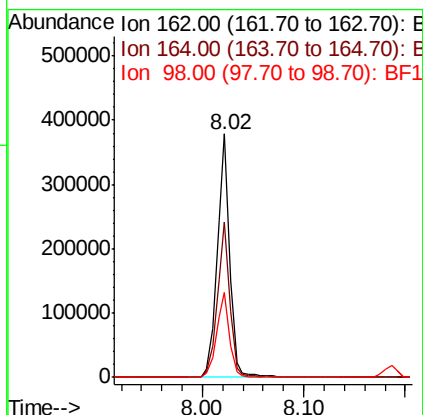
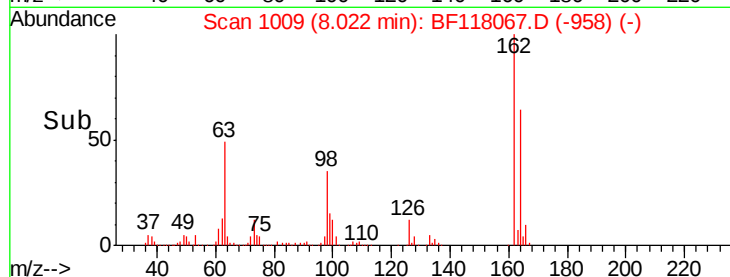
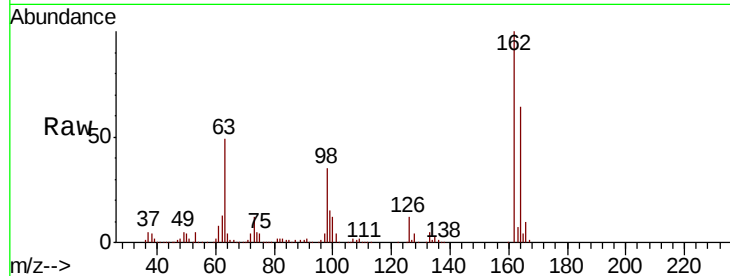




#29
2,4-Dichlorophenol
Concen: 43.172 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

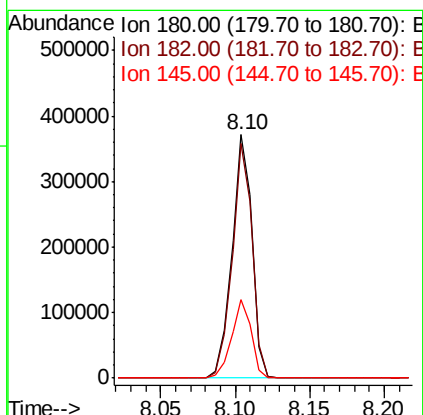
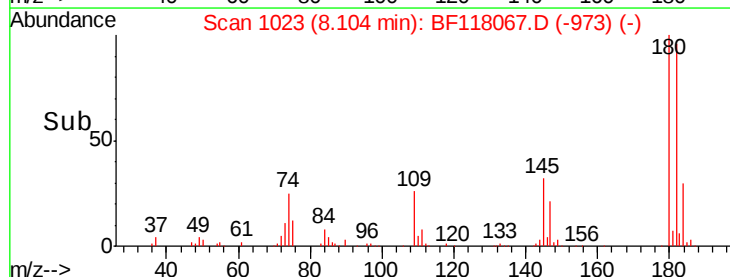
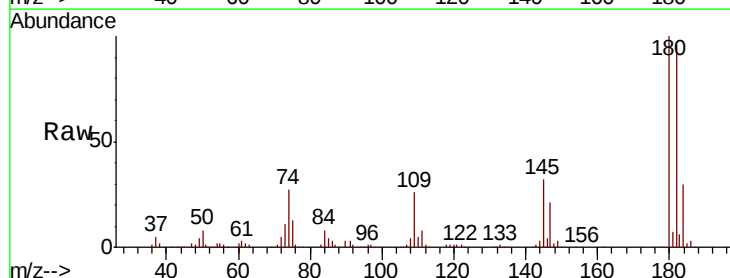
Instrument :
BNA_F
ClientSampled :
SB-3MS

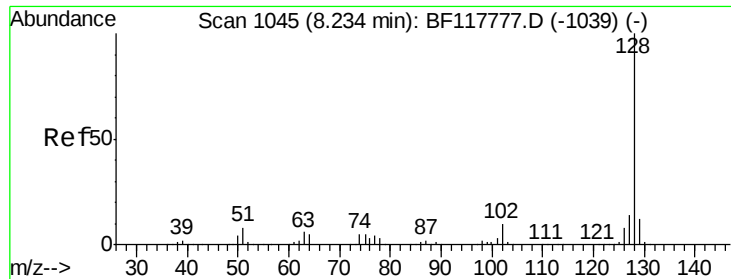
Tot Ion:162 Resp: 322837
Ion Ratio Lower Upper
162 100
164 63.8 42.9 82.9
98 35.1 16.7 56.7



#30
1,2,4-Trichlorobenzene
Concen: 40.741 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:180 Resp: 353379
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 32.2 25.1 37.7

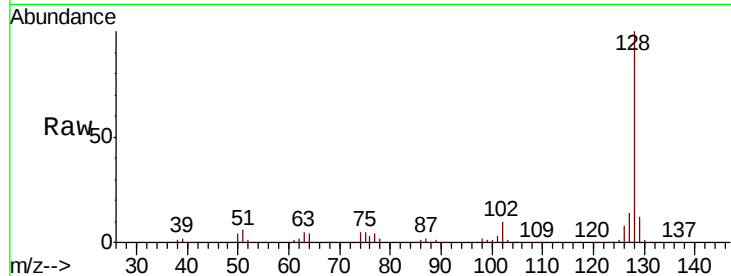




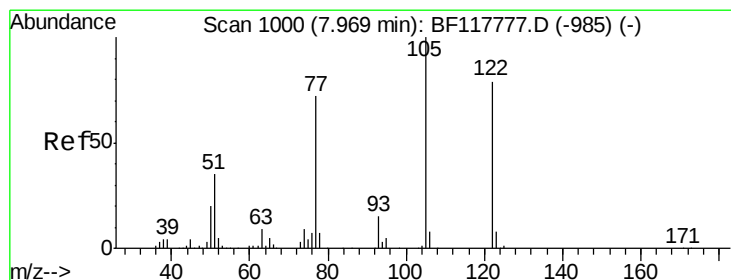
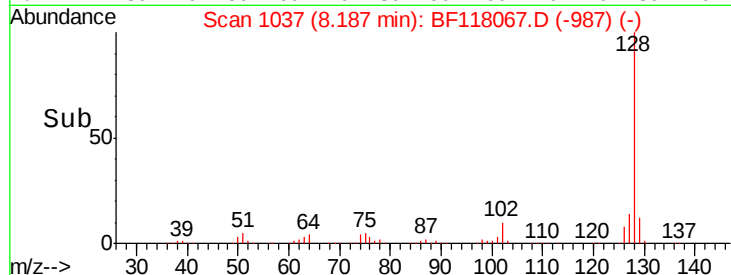
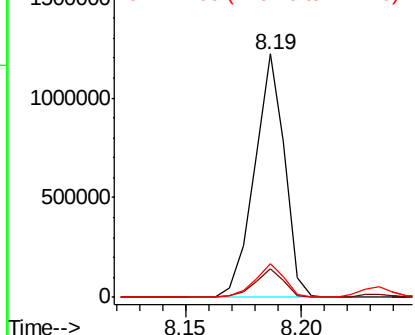
#31
Naphthalene
Concen: 45.178 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:128 Resp: 1106232
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.6 16.0

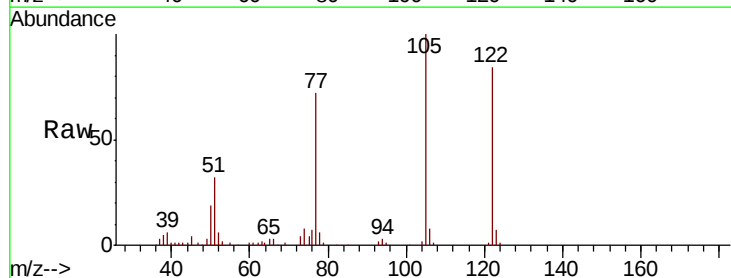


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

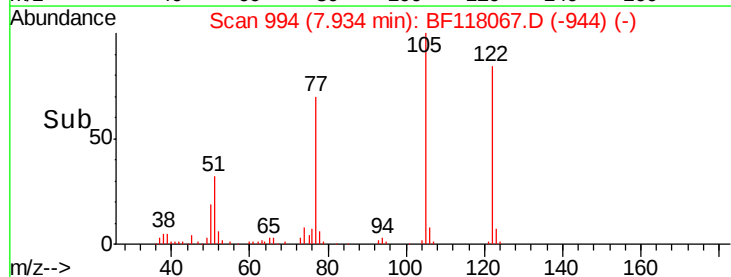
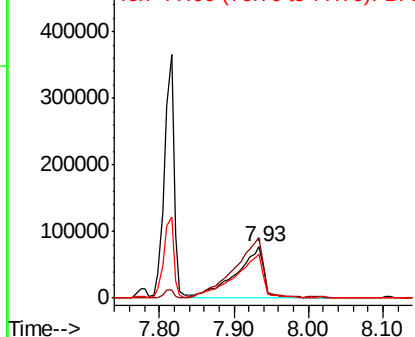


#32
Benzoic acid
Concen: 34.799 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:122 Resp: 200870
Ion Ratio Lower Upper
122 100
105 119.7 101.4 141.4
77 86.2 66.4 106.4



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

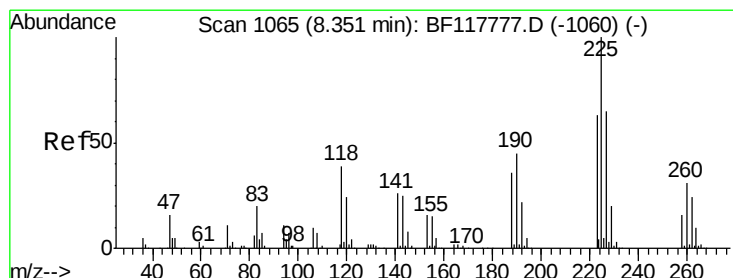
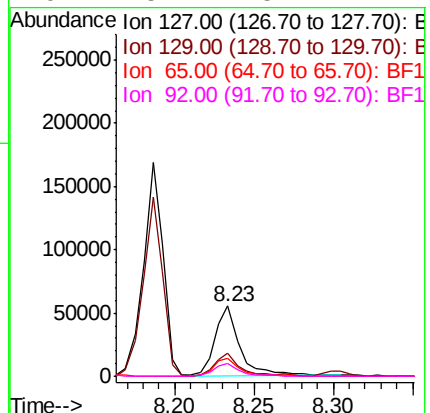
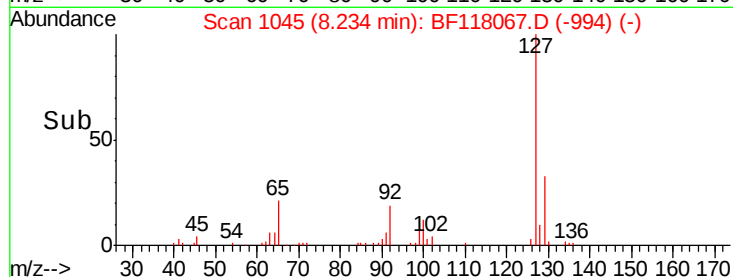
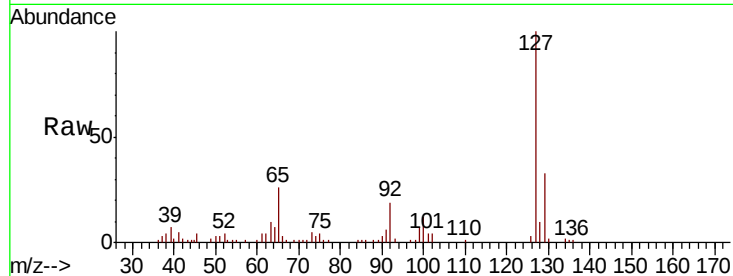




#33
4-Chloroaniline
Concen: 5.422 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

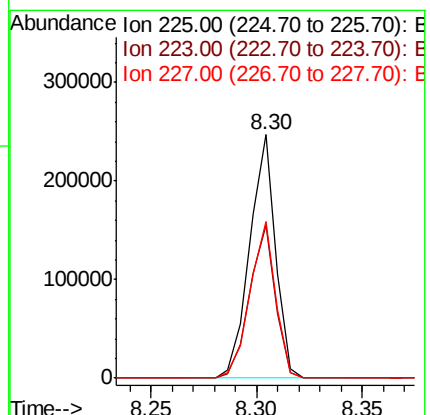
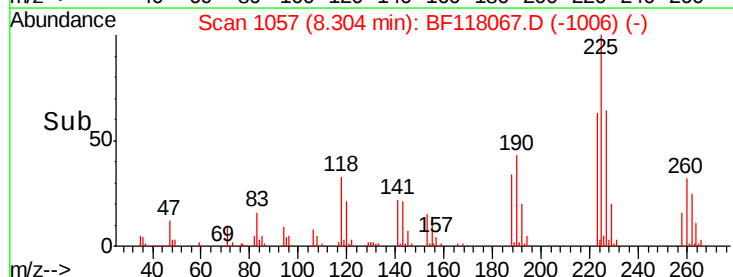
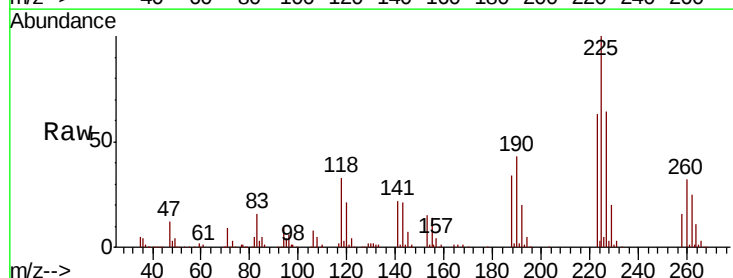
Instrument :
BNA_F
ClientSampleId :
SB-3MS

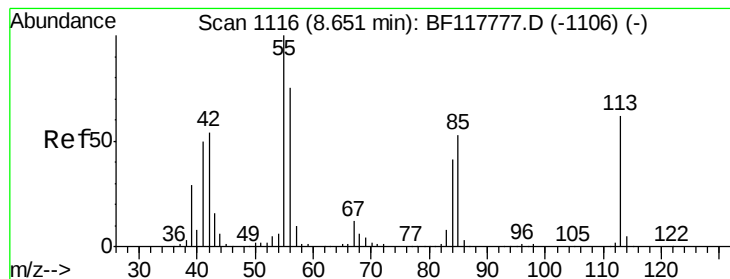
Tot Ion:	127	Resp:	59434
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.0
65	25.8	23.4	35.0
92	18.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 41.268 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:	225	Resp:	209284
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	64.2	52.6	78.8





#35

Caprolactam

Concen: 26.824 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

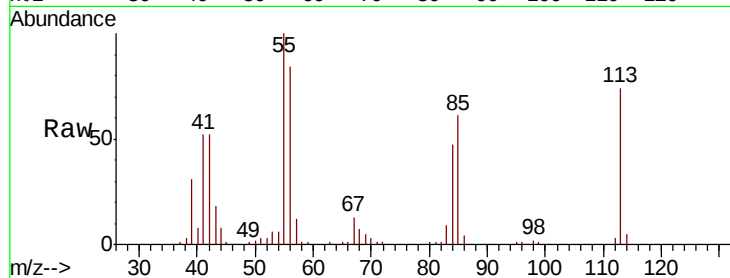
Tot Ion:113 Resp: 63750

Ion Ratio Lower Upper

113 100

55 135.7 125.5 165.5

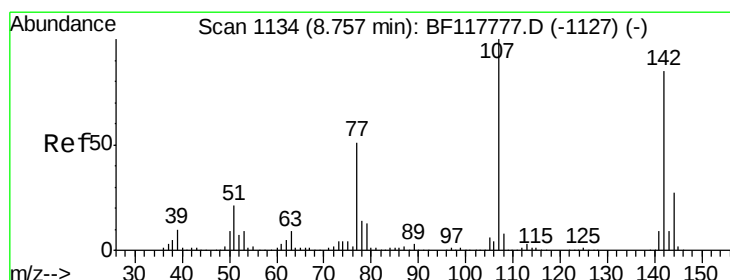
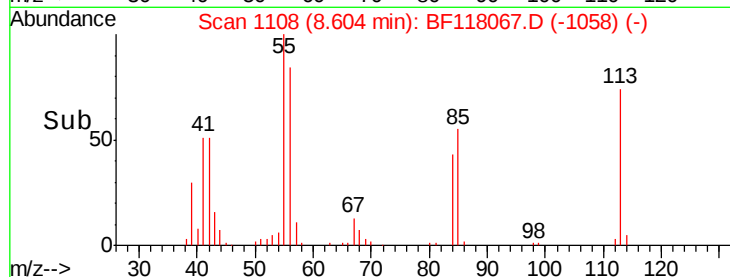
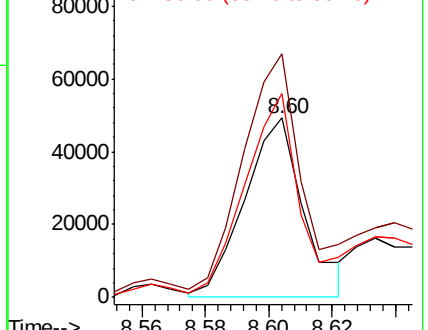
56 113.5 88.0 128.0



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: 44.670 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

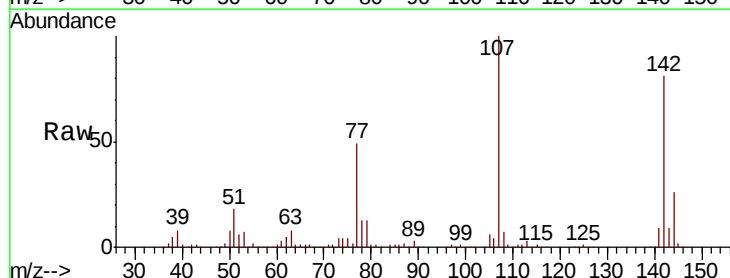
Tgt Ion:107 Resp: 339001

Ion Ratio Lower Upper

107 100

144 26.1 20.6 30.8

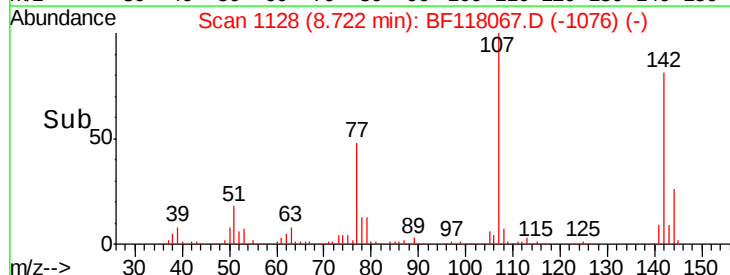
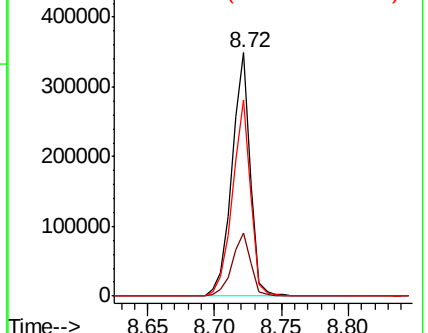
142 80.7 62.5 93.7

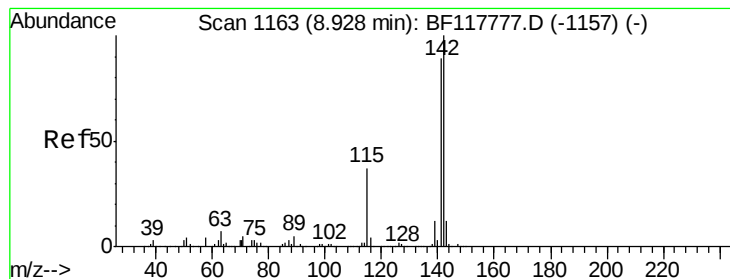


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.784 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

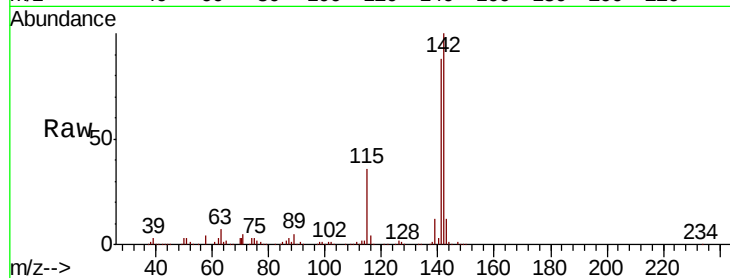
Tot Ion:142 Resp: 757468

Ion Ratio Lower Upper

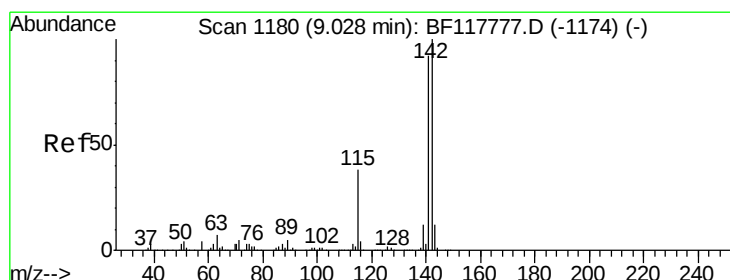
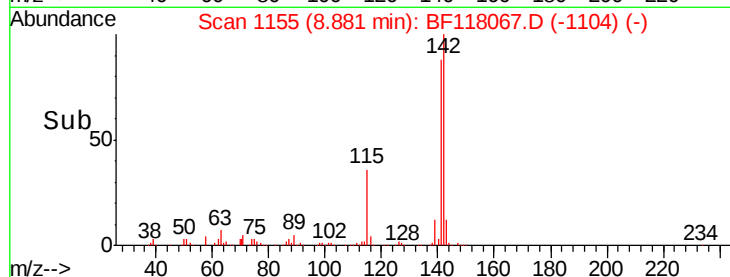
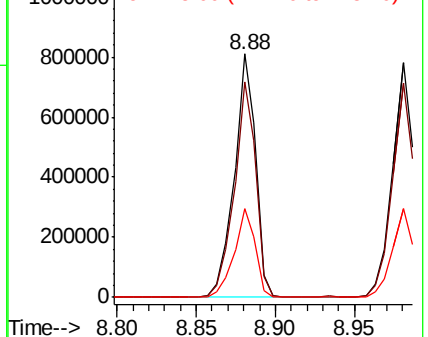
142 100

141 88.5 70.2 105.4

115 36.3 29.2 43.8



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: 45.002 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

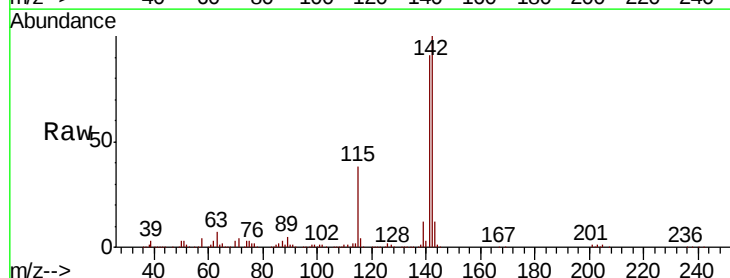
Tgt Ion:142 Resp: 703880

Ion Ratio Lower Upper

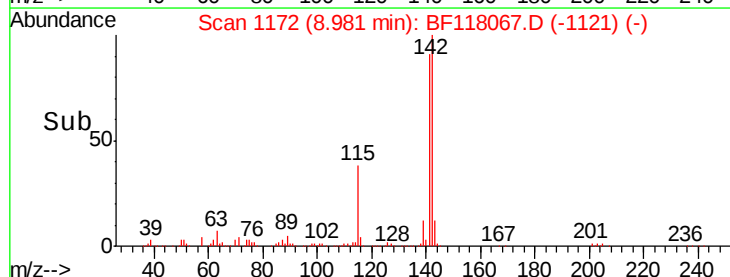
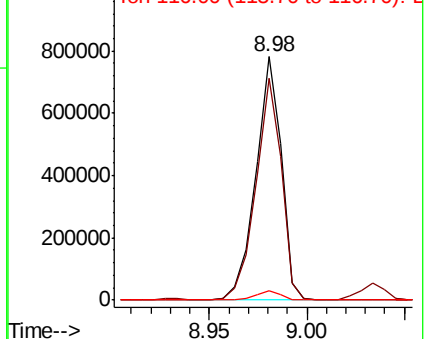
142 100

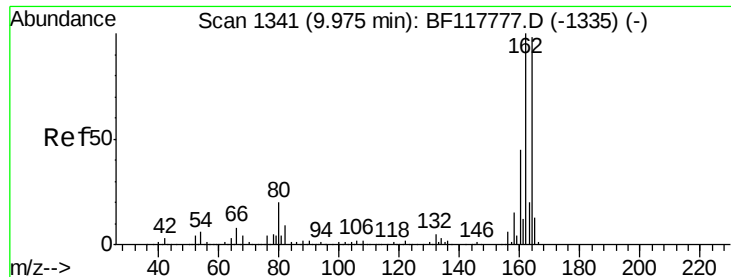
141 91.0 73.6 110.4

116 3.8 3.1 4.7



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

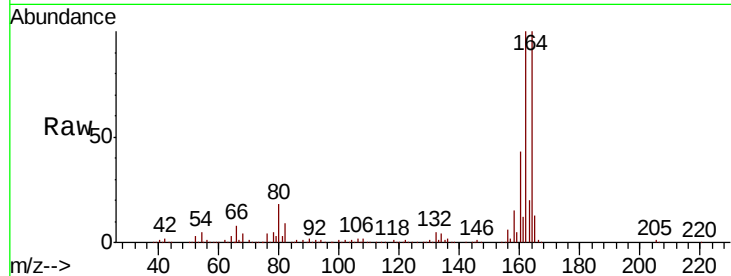




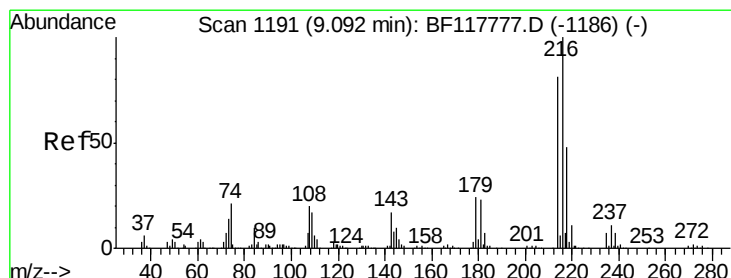
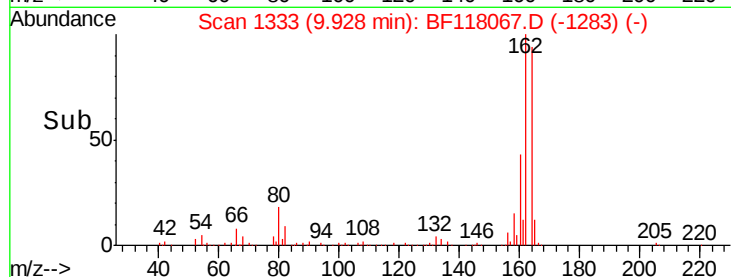
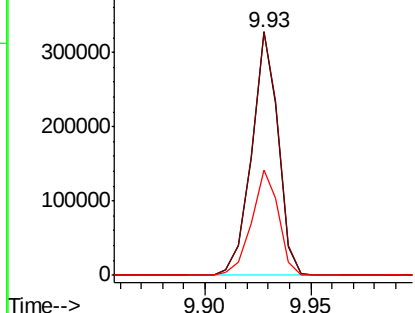
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:164 Resp: 284172
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.8
160 43.1 35.9 53.9

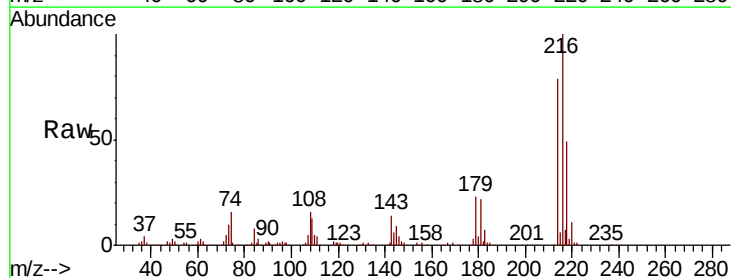


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

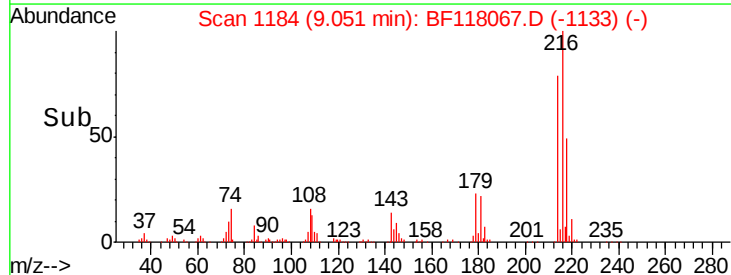
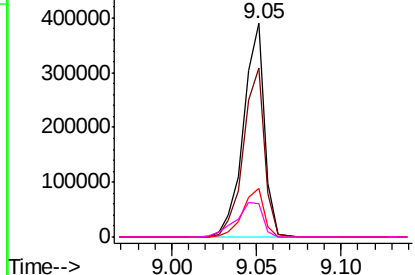


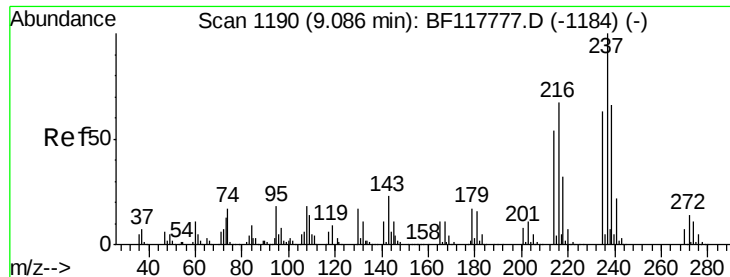
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.008 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:216 Resp: 338424
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.4
179 22.9 18.5 27.7
108 21.2 15.4 23.2



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: 80.098 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

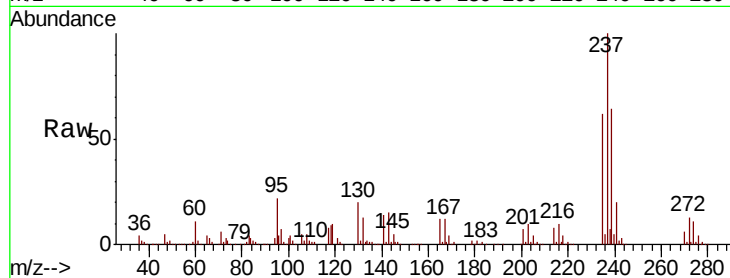
Tot Ion:237 Resp: 370434

Ion Ratio Lower Upper

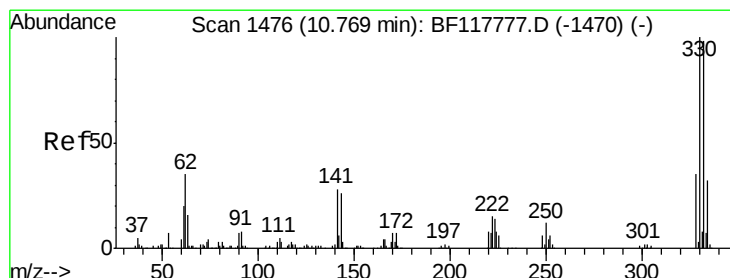
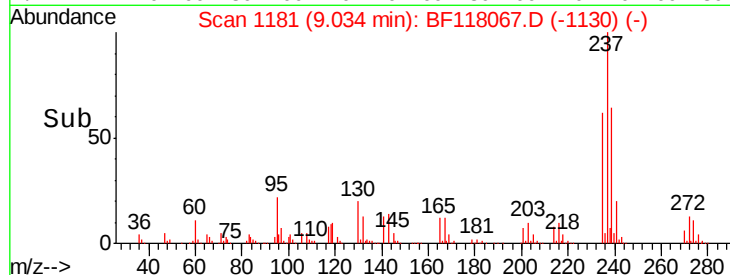
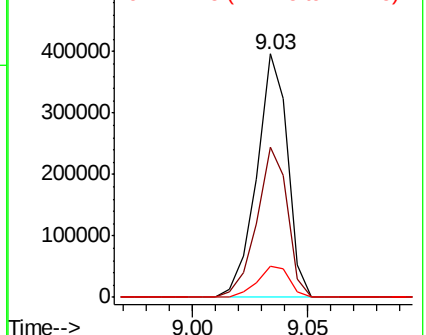
237 100

235 61.7 43.7 83.7

272 12.6 0.0 32.7



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: 125.407 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

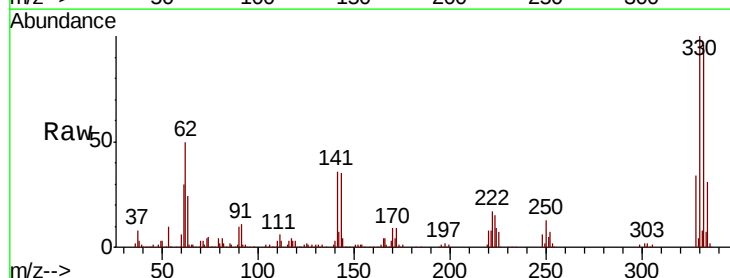
Tgt Ion:330 Resp: 377287

Ion Ratio Lower Upper

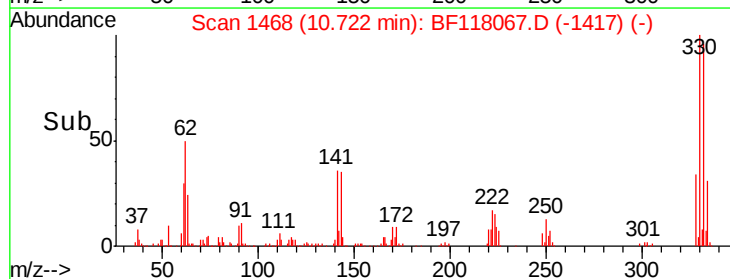
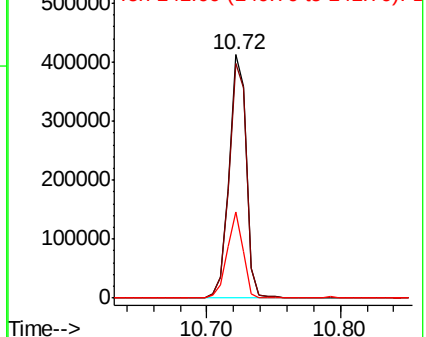
330 100

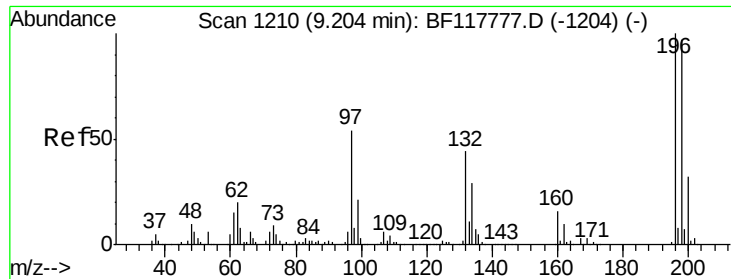
332 98.2 78.3 117.5

141 33.3 26.4 39.6



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

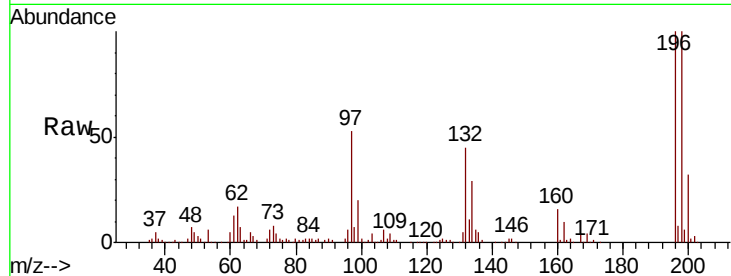




#43
 2,4,6-Trichlorophenol
 Concen: 39.225 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampled :
 SB-3MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.9	115.3
200	31.7	24.2	36.4

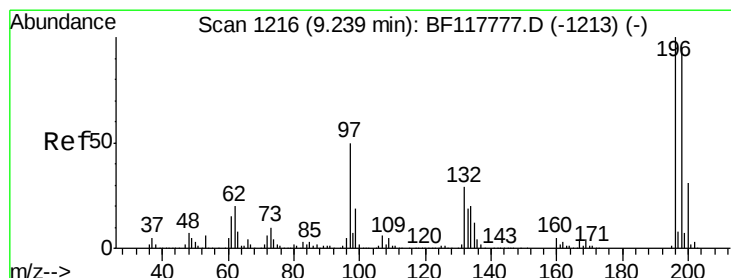
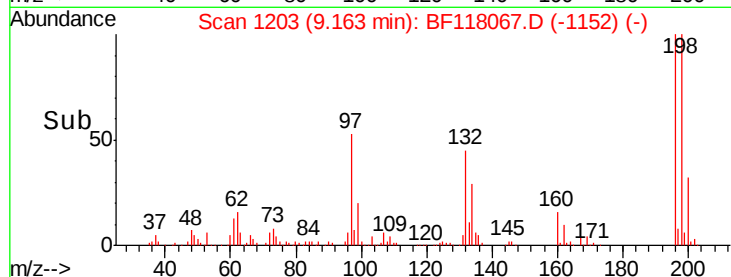
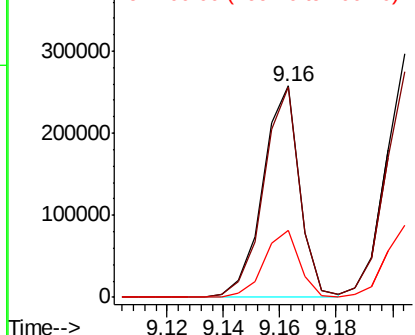


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.736 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.1	117.1
97	48.7	37.4	56.2
132	29.0	22.7	34.1

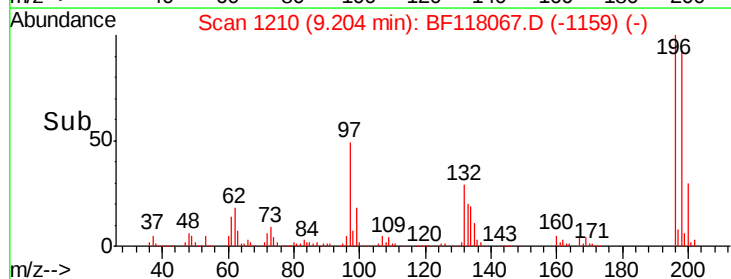
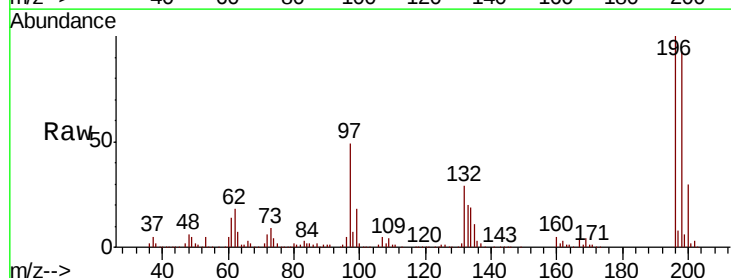
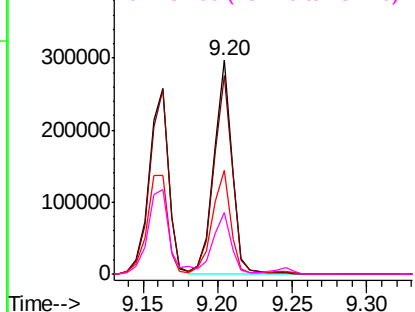
Abundance

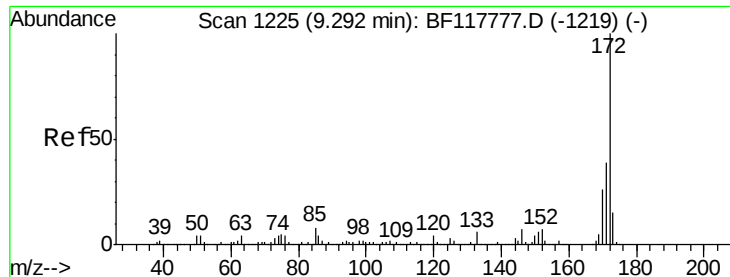
Ion 196.00 (195.70 to 196.70): E

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

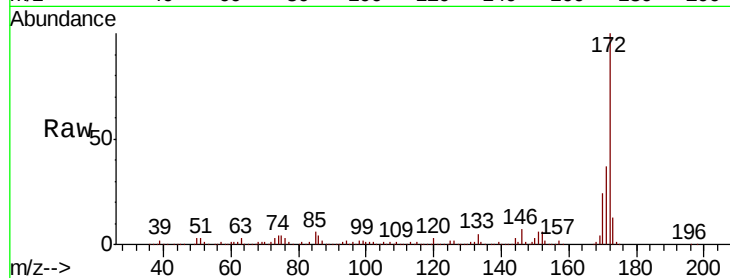




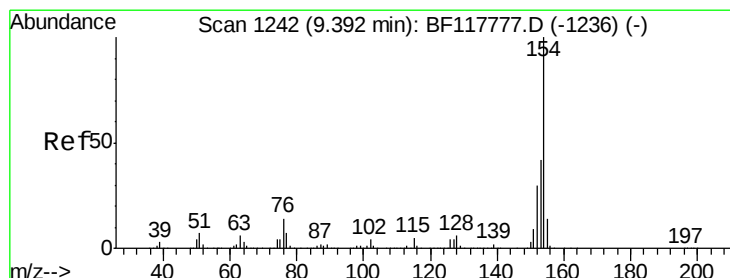
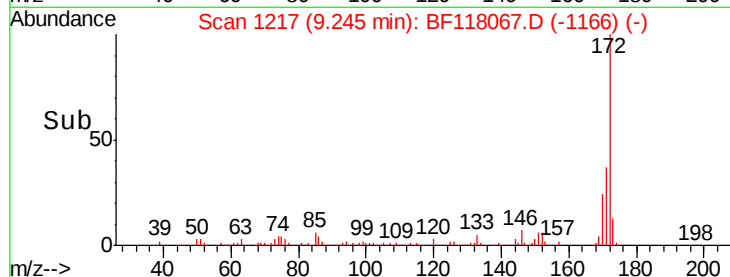
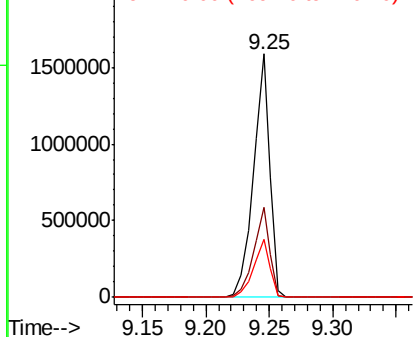
#45
2-Fluorobiphenyl
Concen: 90.312 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:172 Resp: 1430532
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.1 19.3 28.9

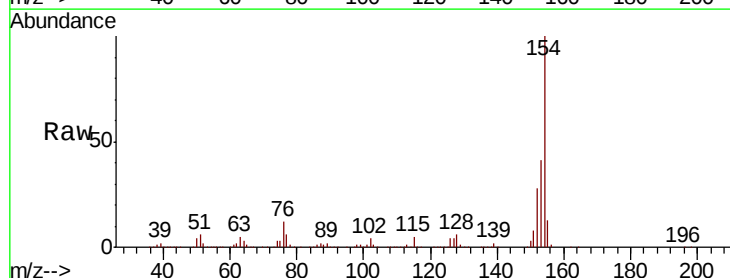


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

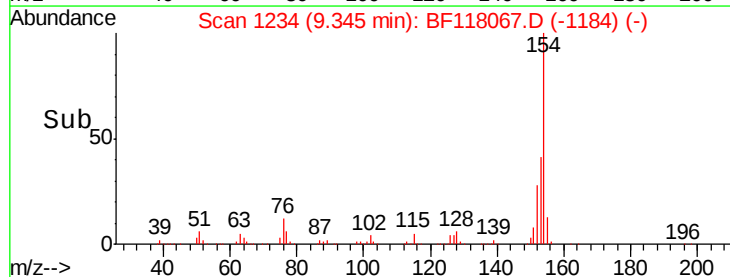
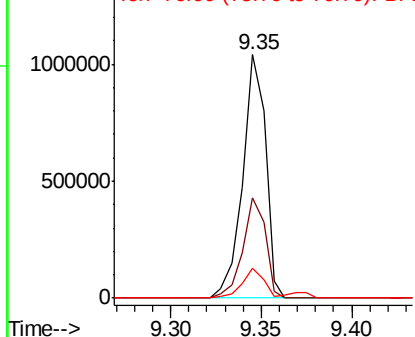


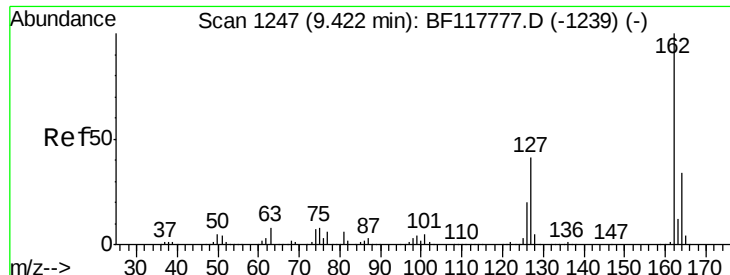
#46
1,1'-Biphenyl
Concen: 43.305 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:154 Resp: 913005
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 12.1 0.0 30.8



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

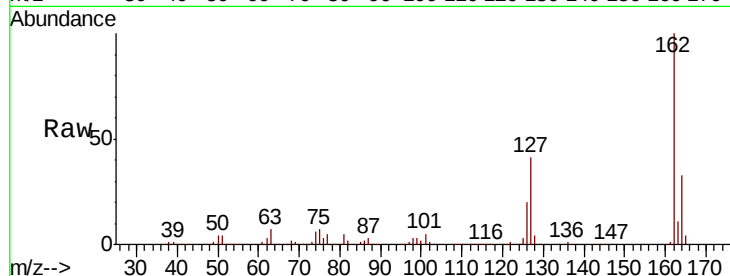




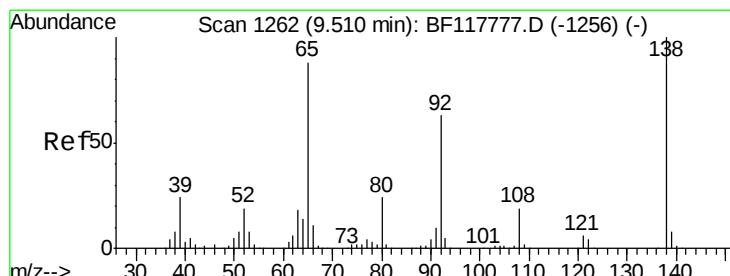
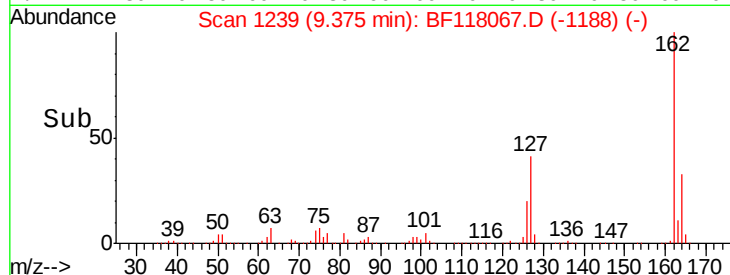
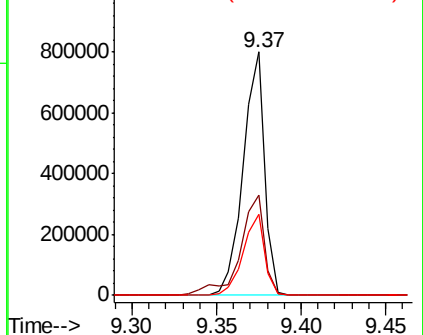
#47
 2-Chloronaphthalene
 Concen: 40.856 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

Tot Ion:162 Resp: 708607
 Ion Ratio Lower Upper
 162 100
 127 41.2 34.6 52.0
 164 33.5 26.0 39.0

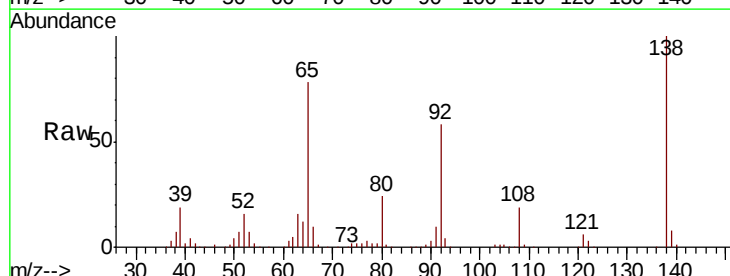


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

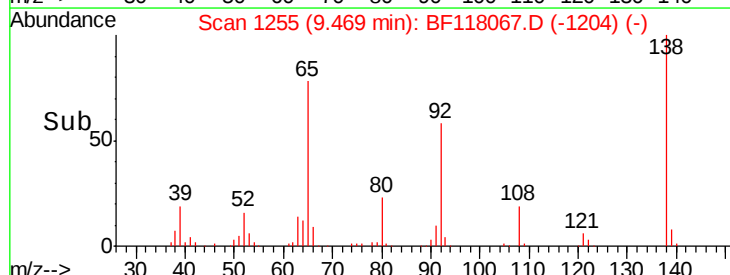
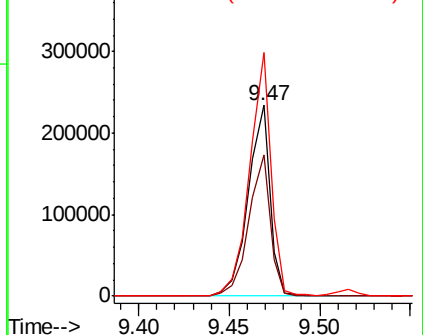


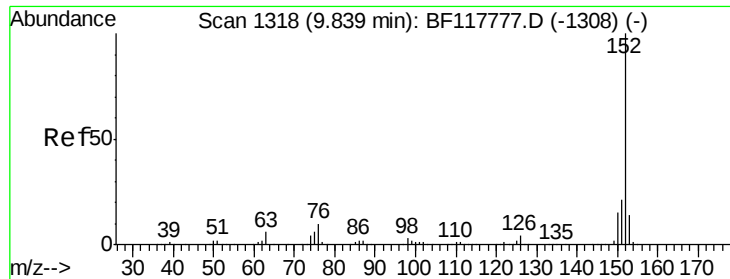
#48
 2-Nitroaniline
 Concen: 37.401 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion: 65 Resp: 195841
 Ion Ratio Lower Upper
 65 100
 92 74.0 57.9 86.9
 138 127.6 96.2 144.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

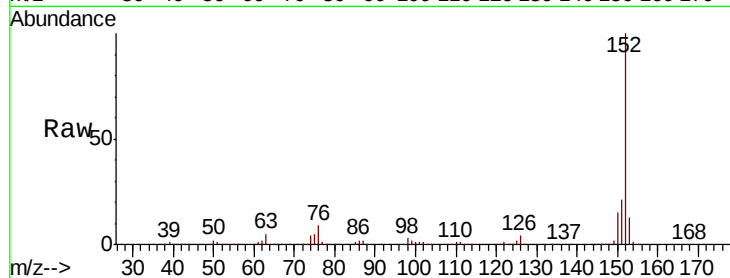
Tot Ion:152 Resp: 1128832

Ion Ratio Lower Upper

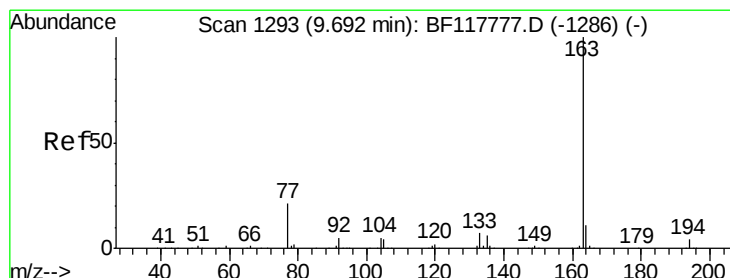
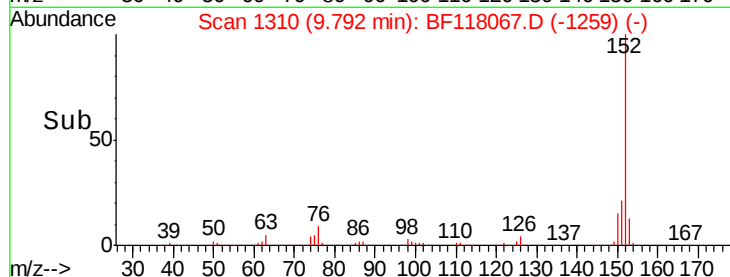
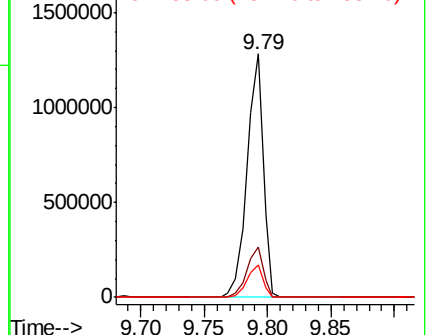
152 100

151 20.9 16.7 25.1

153 13.4 11.1 16.7



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: 48.226 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

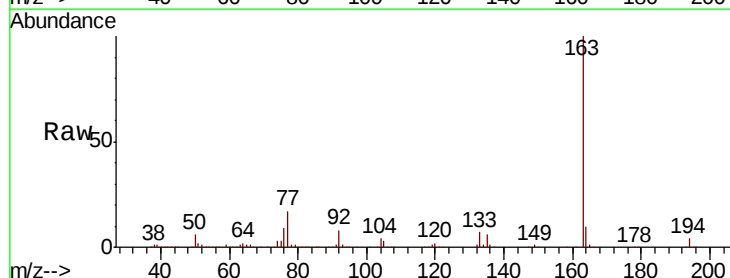
Tgt Ion:163 Resp: 961017

Ion Ratio Lower Upper

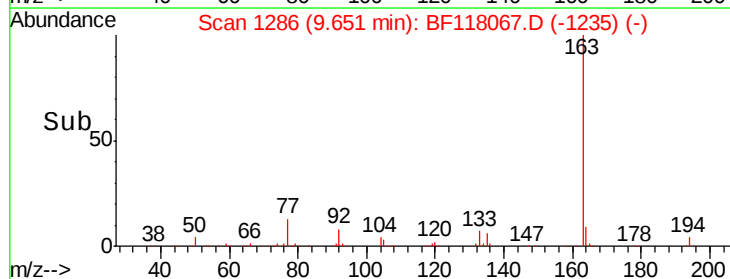
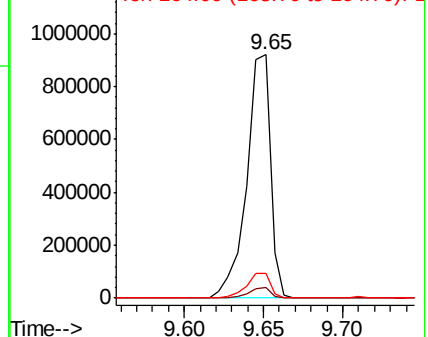
163 100

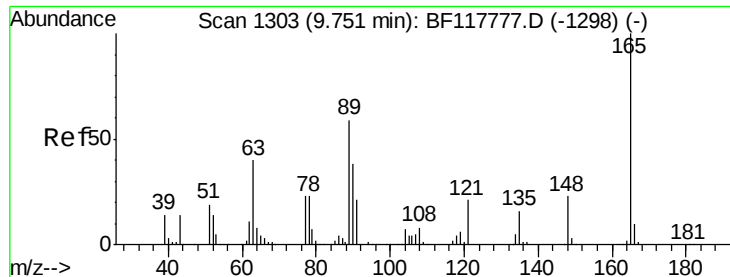
194 4.2 3.1 4.7

164 10.0 7.9 11.9



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: 44.007 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

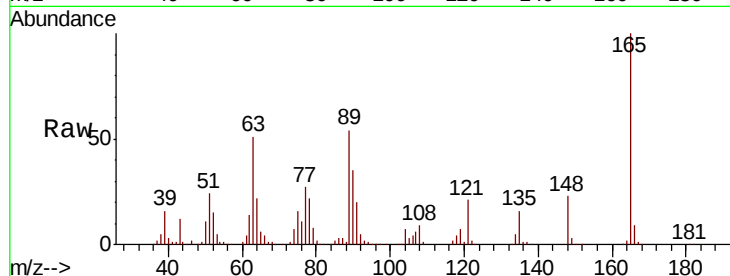
Tot Ion:165 Resp: 191660

Ion Ratio Lower Upper

165 100

63 51.4 43.9 65.9

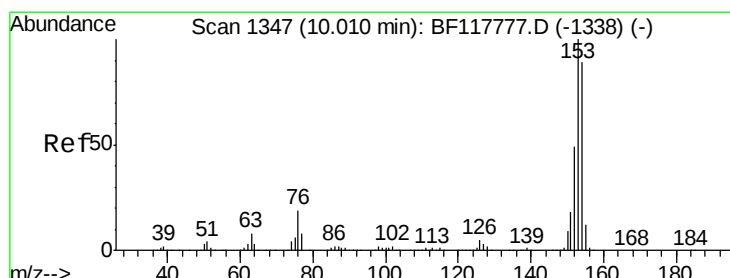
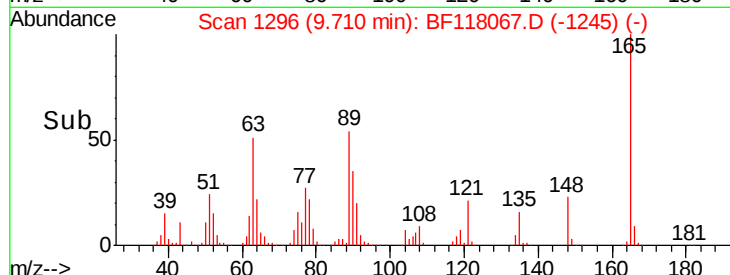
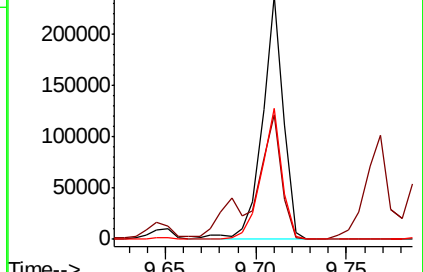
89 54.0 45.5 68.3



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: 40.567 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

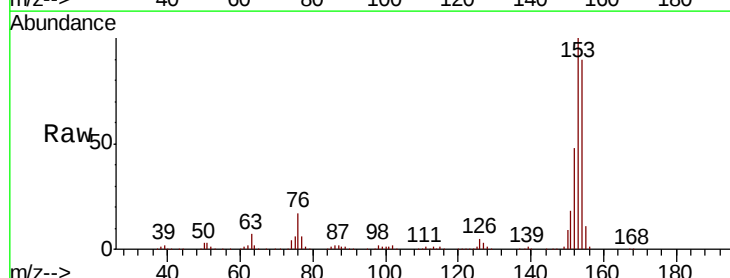
Tgt Ion:154 Resp: 657134

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

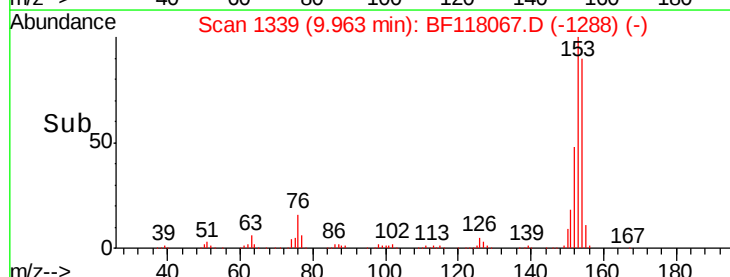
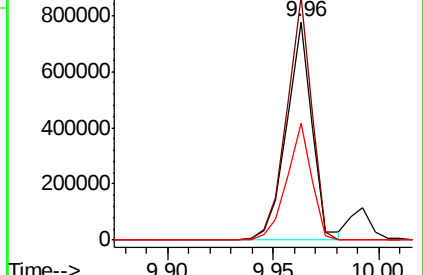
152 53.7 43.6 65.4

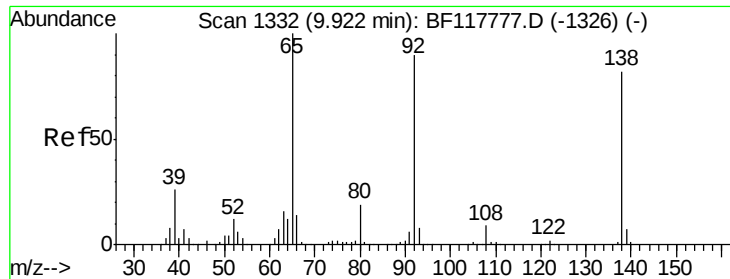


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

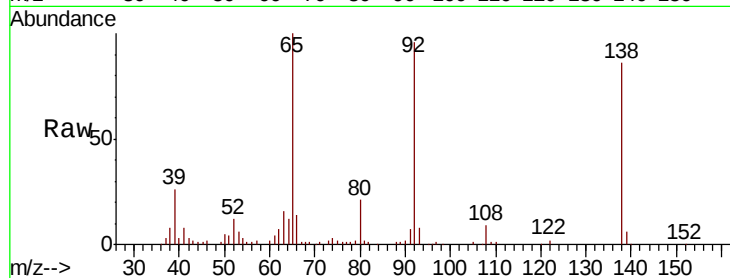




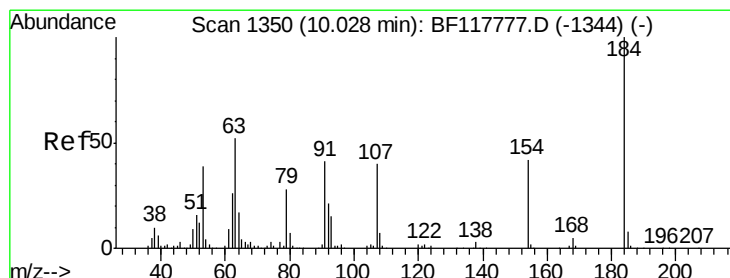
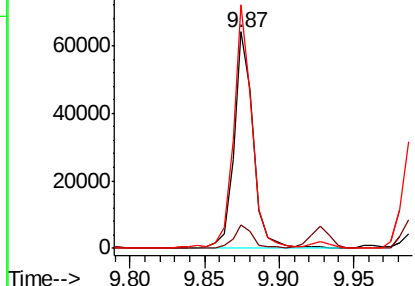
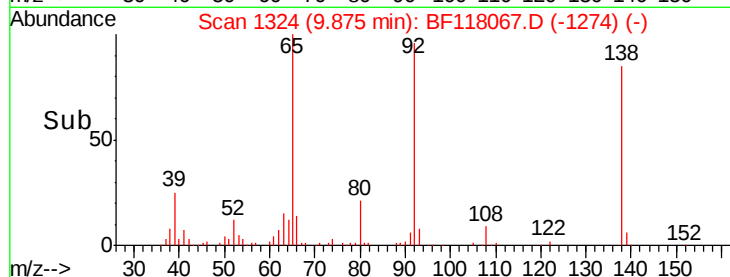
#53
3-Nitroaniline
Concen: 11.044 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:138 Resp: 57555
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 112.5 87.4 131.0

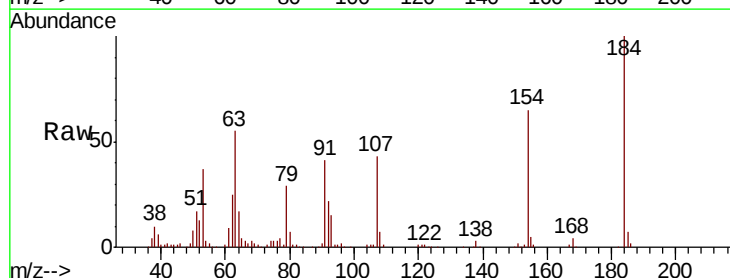


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

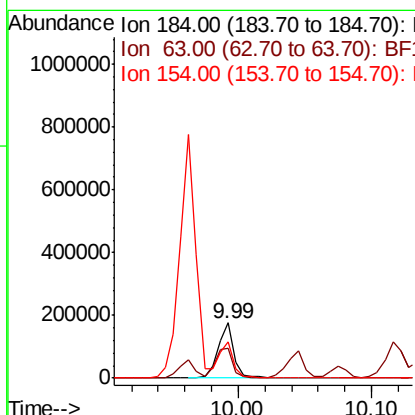
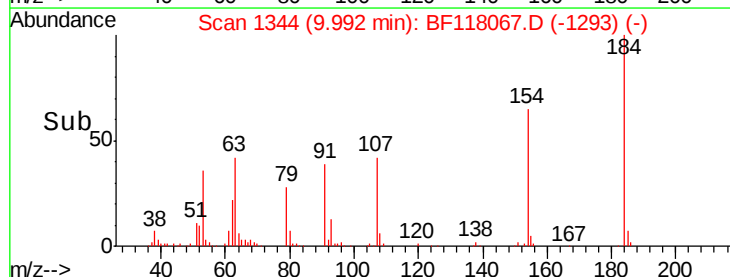


#54
2,4-Dinitrophenol
Concen: 67.711 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:184 Resp: 148791
Ion Ratio Lower Upper
184 100
63 55.1 45.3 67.9
154 65.4 51.6 77.4



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

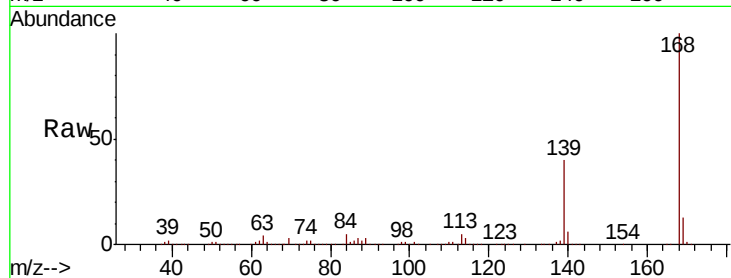




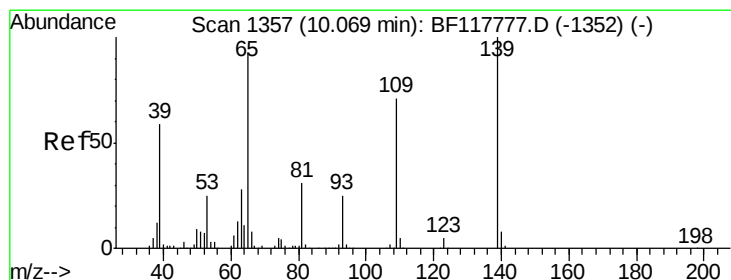
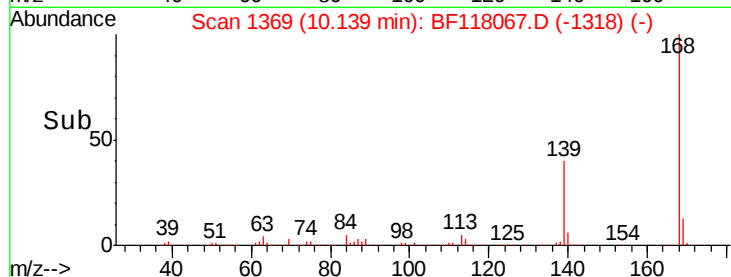
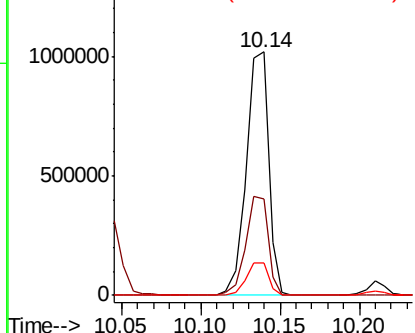
#55
Dibenzofuran
Concen: 44.288 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:168 Resp: 993431
Ion Ratio Lower Upper
168 100
139 39.6 32.5 48.7
169 13.2 10.8 16.2

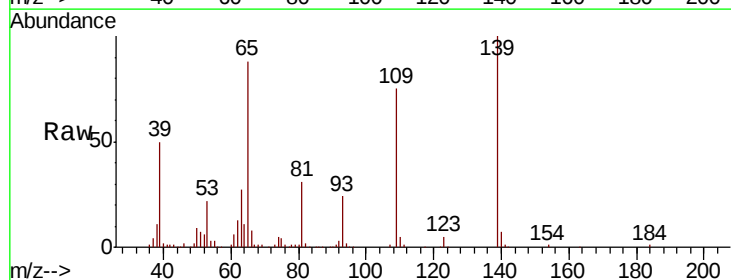


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

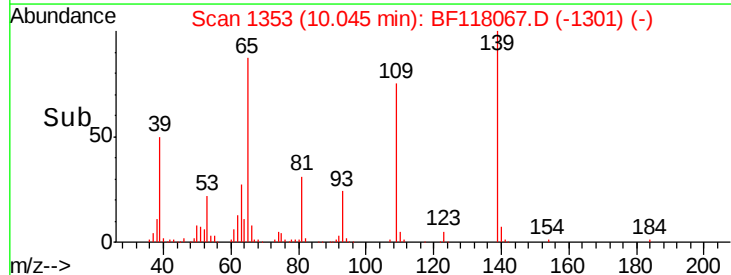
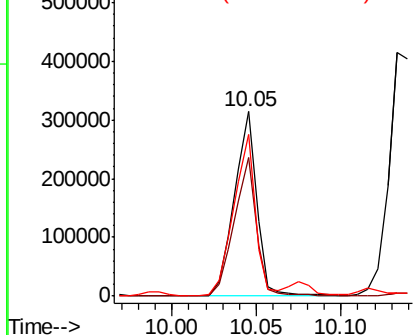


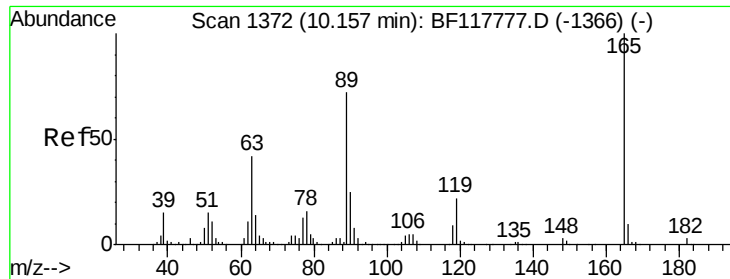
#56
4-Nitrophenol
Concen: 75.016 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:139 Resp: 291804
Ion Ratio Lower Upper
139 100
109 74.9 55.2 95.2
65 87.6 68.7 108.7



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

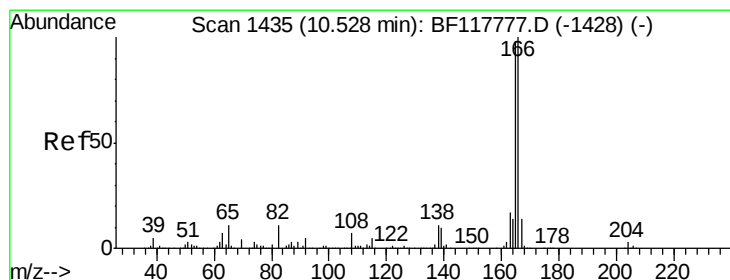
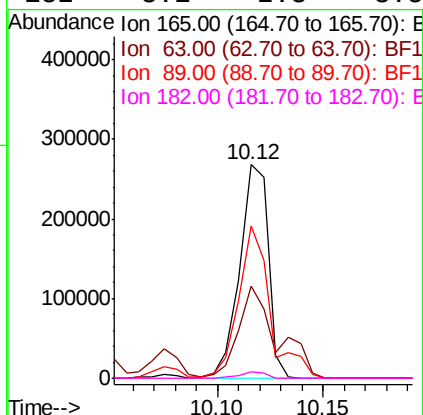
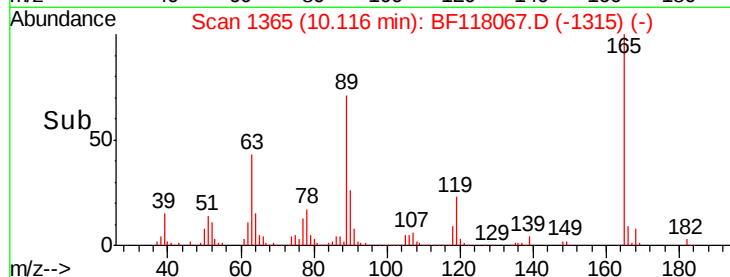
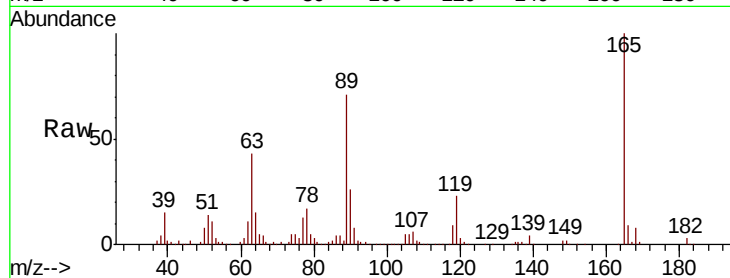




#57
2,4-Dinitrotoluene
Concen: 45.528 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

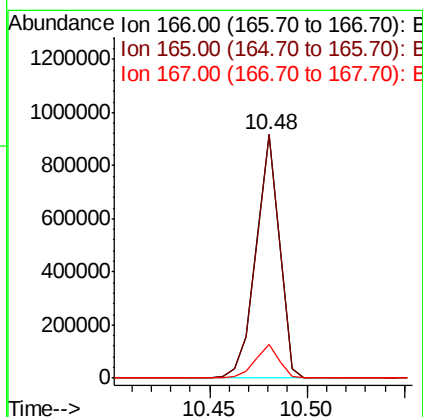
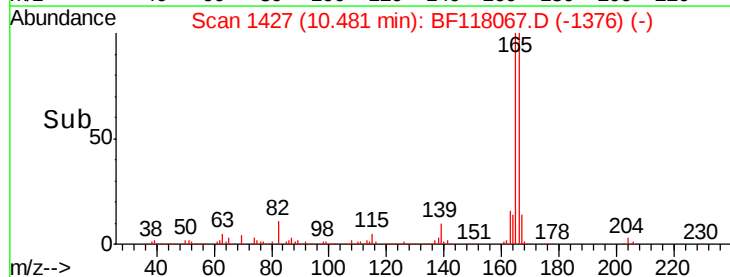
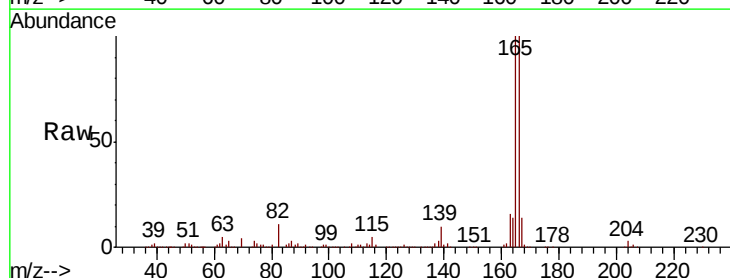
Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	26.5	39.7#
89	71.5	47.2	70.8#
182	3.1	2.3	3.5



#58
Fluorene
Concen: 44.005 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.4	116.2
167	13.7	10.7	16.1

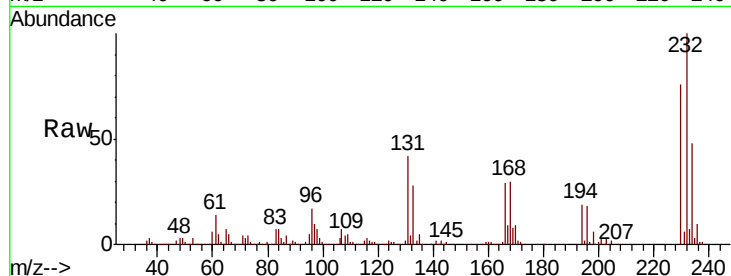




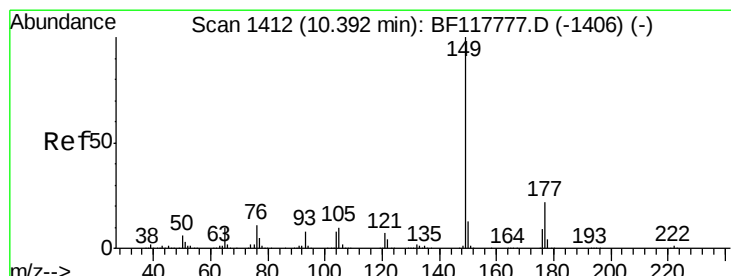
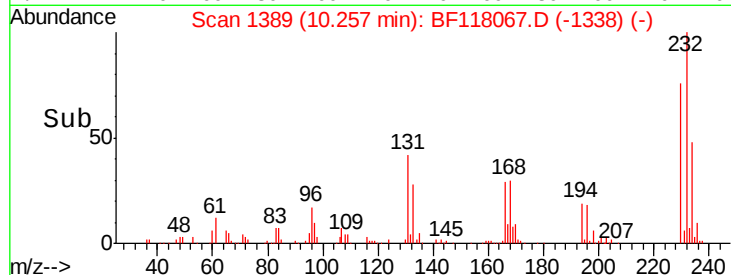
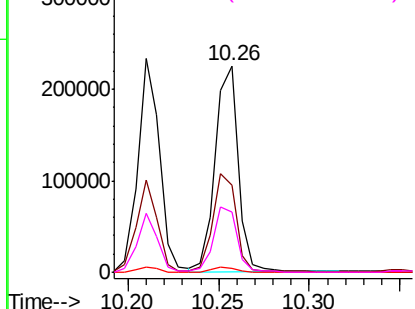
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.324 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MS

Tot Ion:	232	Resp:	198299
Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.8	58.2
130	2.6	1.9	2.9
166	32.7	25.9	38.9

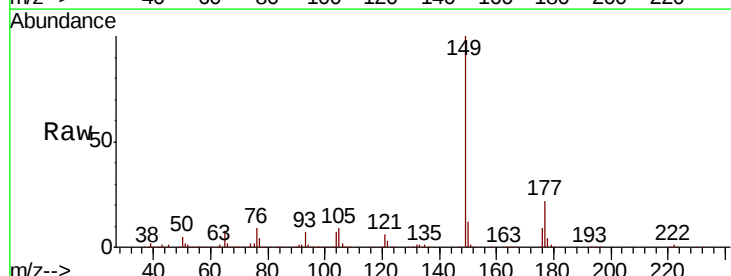


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

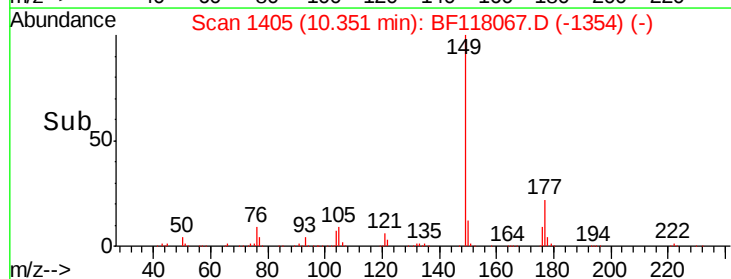
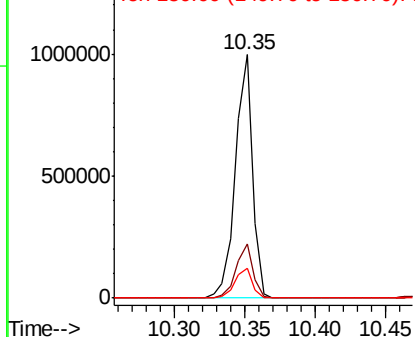


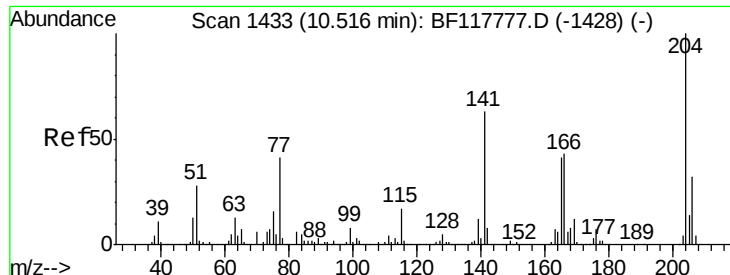
#60
 Diethylphthalate
 Concen: 43.290 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118067.D
 Acq: 3 Dec 2019 17:33

Tgt Ion:	149	Resp:	841038
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.4	9.8	14.8



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

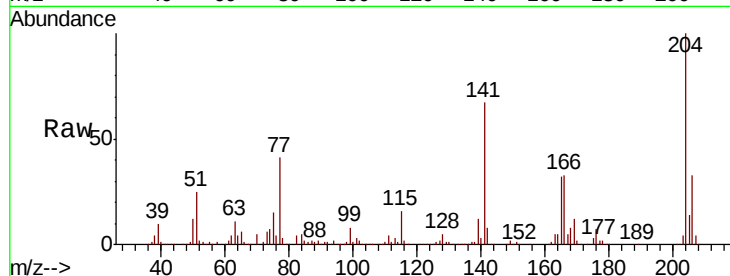




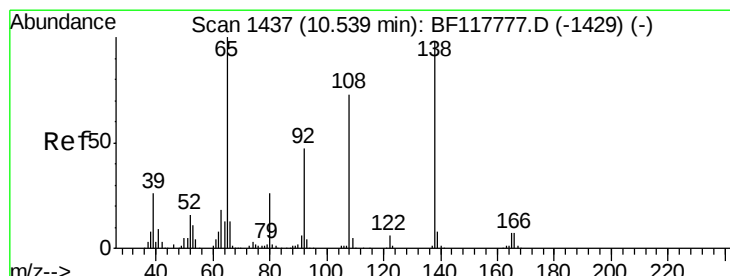
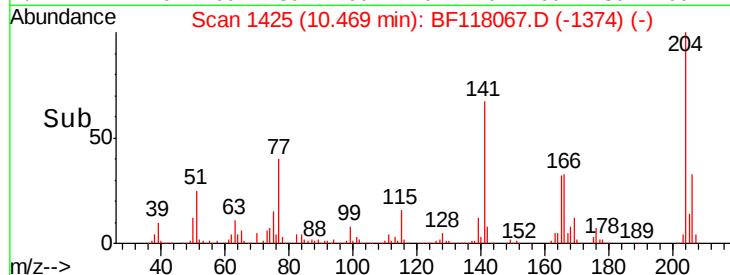
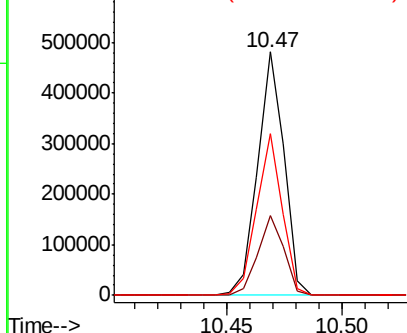
#61
4-Chlorophenyl-phenylether
Concen: 43.638 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:204 Resp: 384940
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 66.6 55.1 82.7

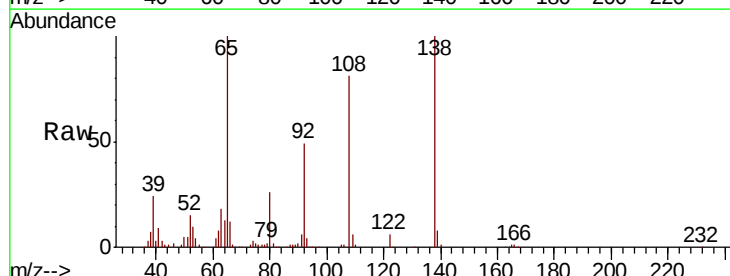


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

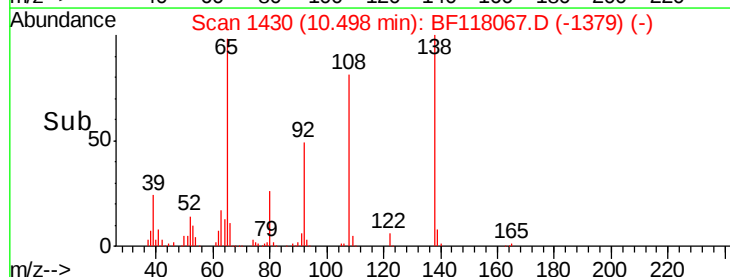
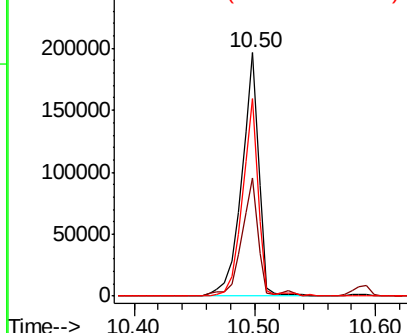


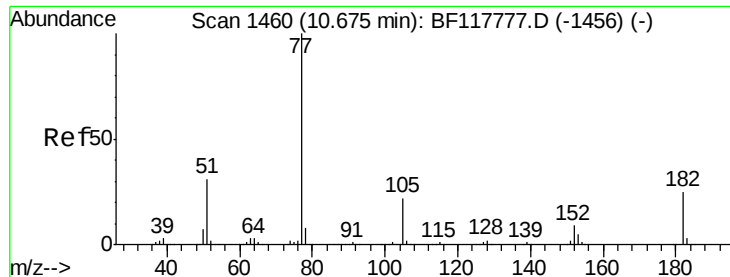
#62
4-Nitroaniline
Concen: 37.199 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:138 Resp: 194102
Ion Ratio Lower Upper
138 100
92 48.7 27.5 67.5
108 81.1 57.9 97.9



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

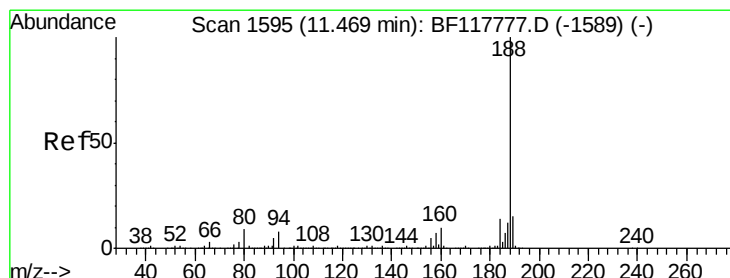
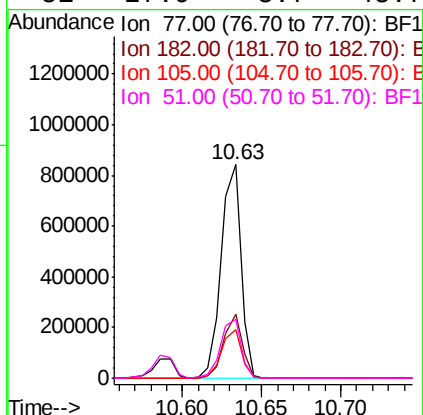
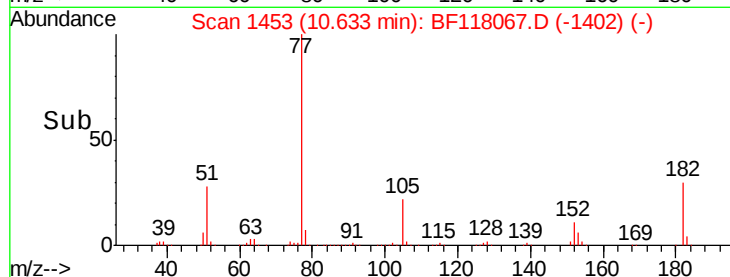
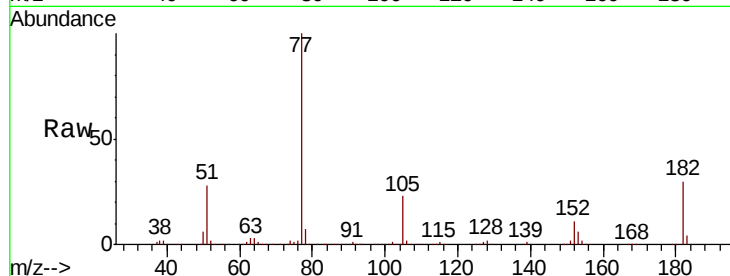




#63
Azobenzene
Concen: 41.615 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

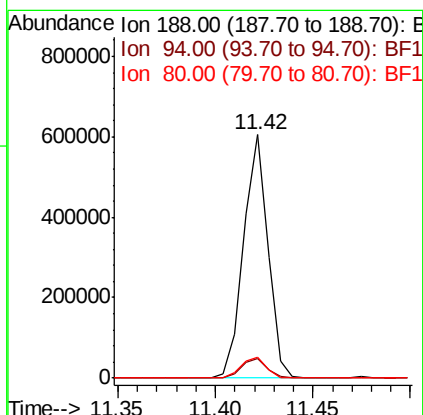
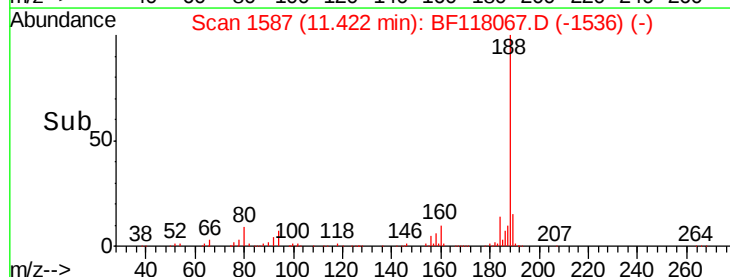
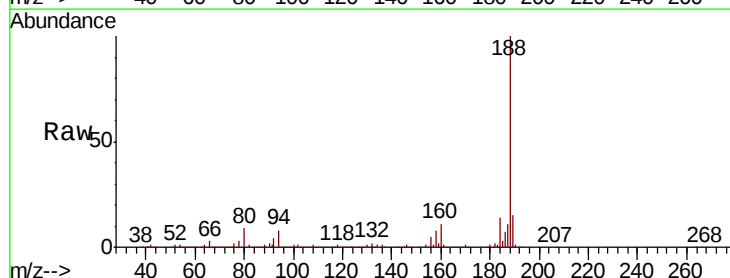
Instrument :
BNA_F
ClientSampleId :
SB-3MS

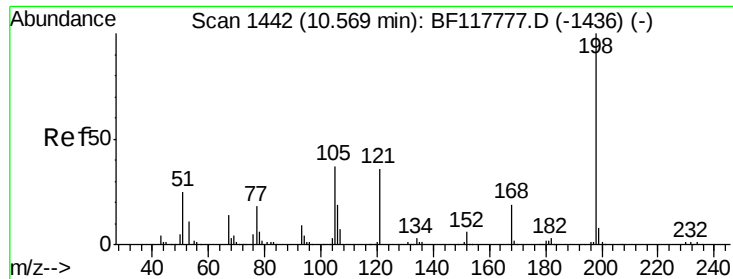
Tot Ion:	77	Resp:	735537
Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.2	48.2
105	22.6	2.1	42.1
51	27.9	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:	188	Resp:	524014
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.7	7.2	10.8

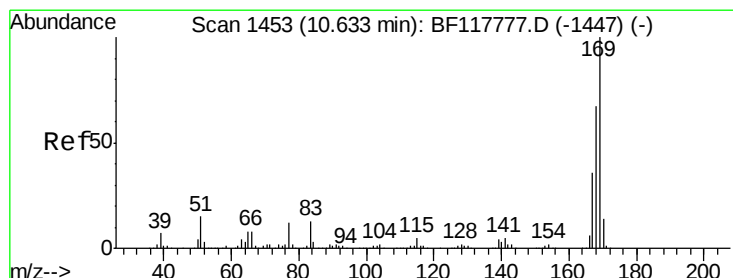
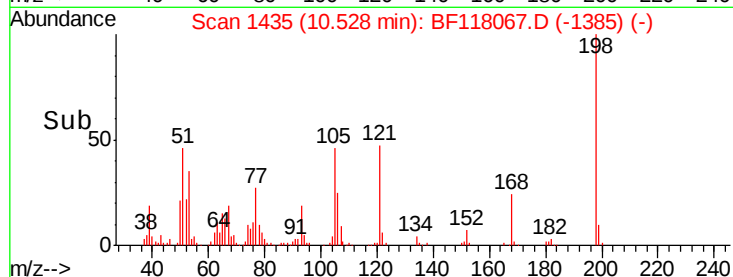
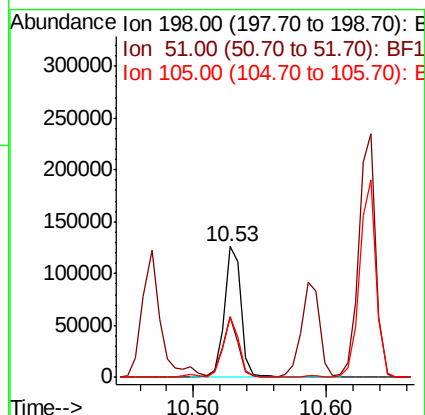
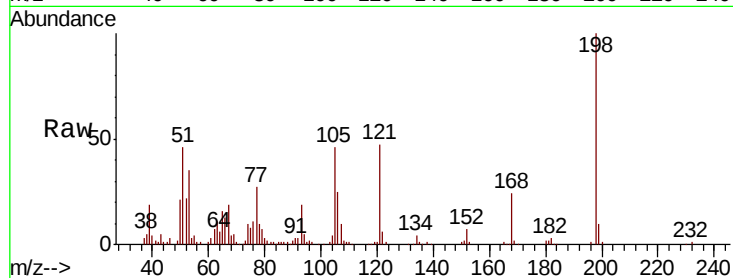




#65
4,6-Dinitro-2-methylphenol
Concen: 46.157 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

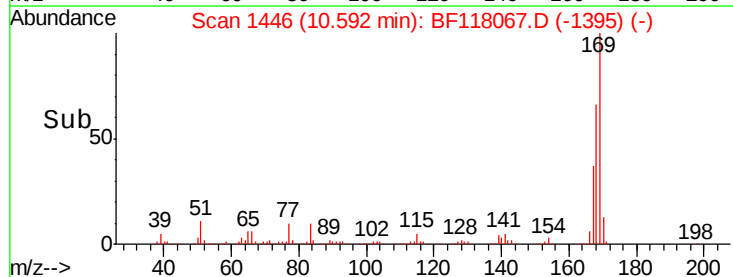
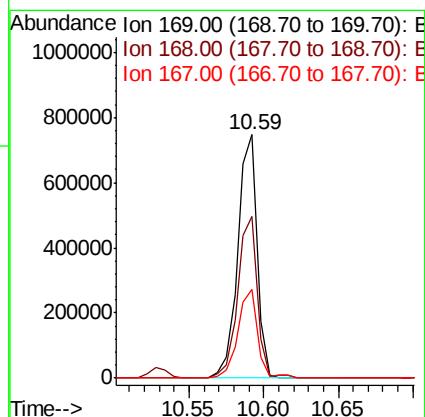
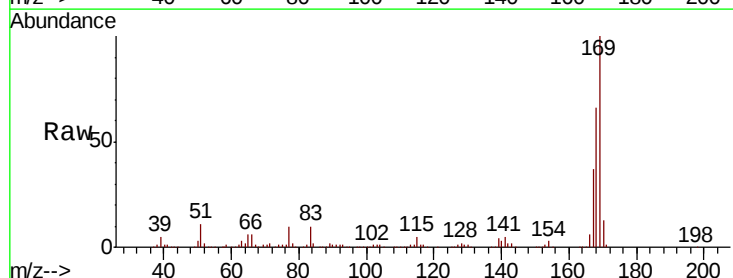
Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:198 Resp: 112913
Ion Ratio Lower Upper
198 100
51 46.3 12.6 52.6
105 46.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 44.809 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:169 Resp: 683347
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.7 28.4 42.6

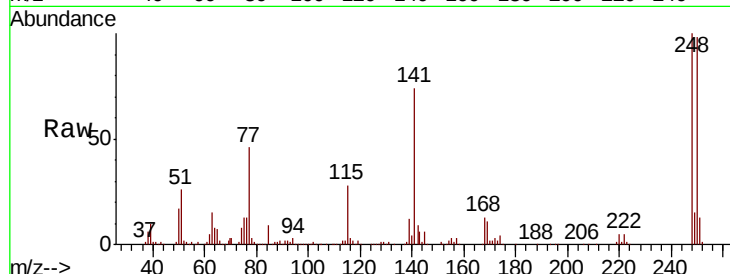




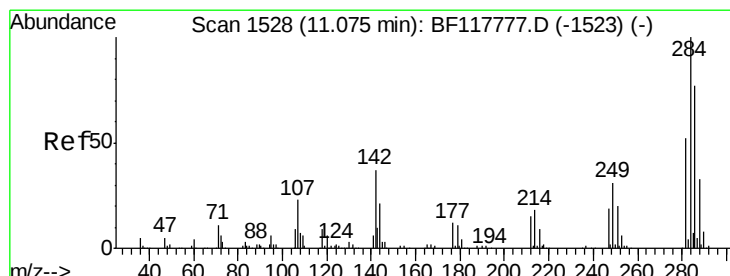
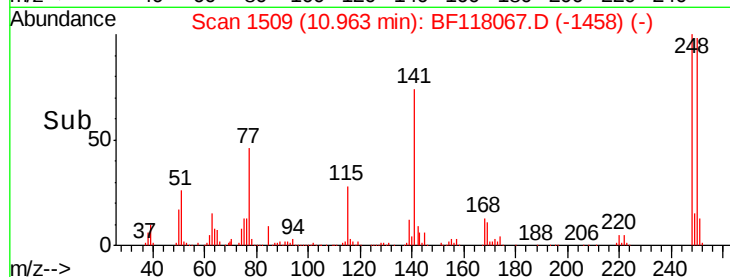
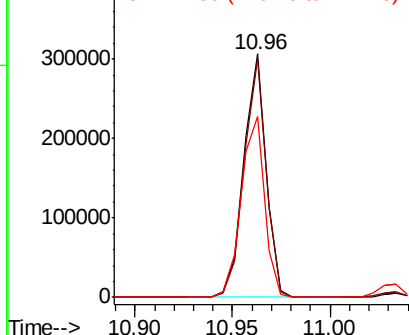
#67
4-Bromophenyl-phenylether
Concen: 43.079 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:248 Resp: 243570
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 74.1 64.0 96.0

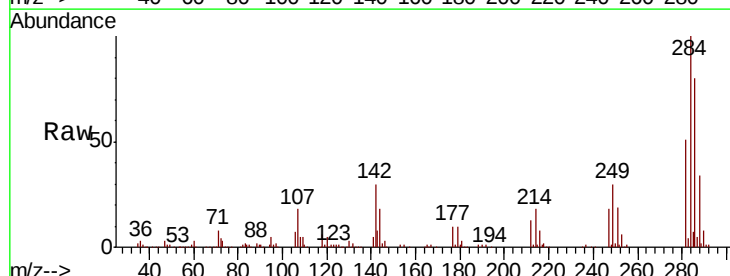


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

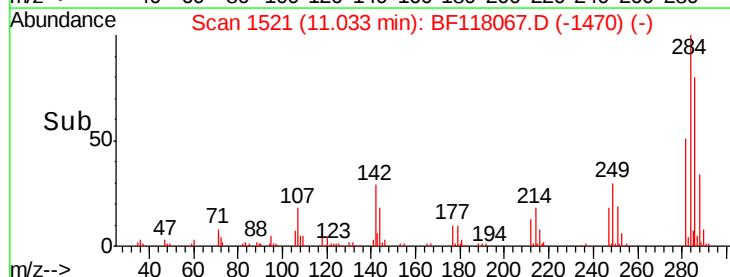
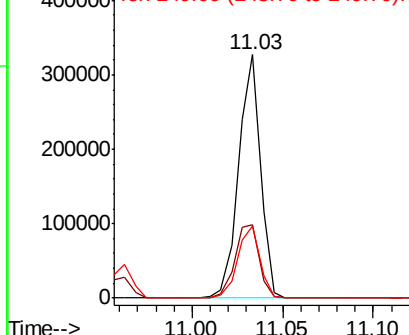


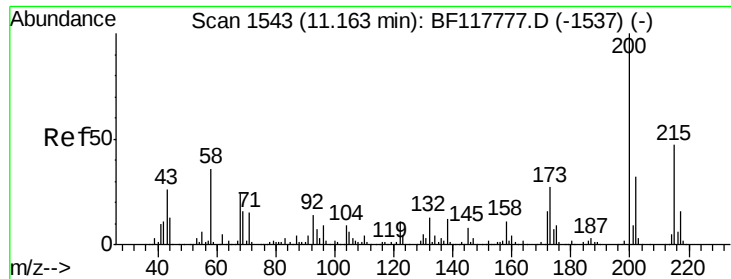
#68
Hexachlorobenzene
Concen: 41.549 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:284 Resp: 273928
Ion Ratio Lower Upper
284 100
142 29.9 27.3 40.9
249 29.9 24.8 37.2



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: 41.302 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

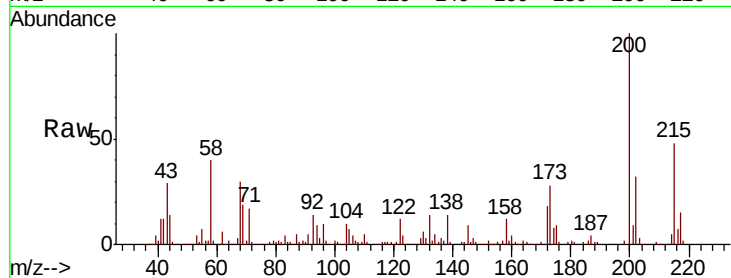
Tot Ion:200 Resp: 207199

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

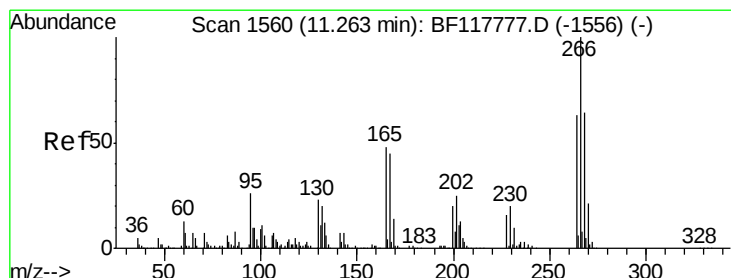
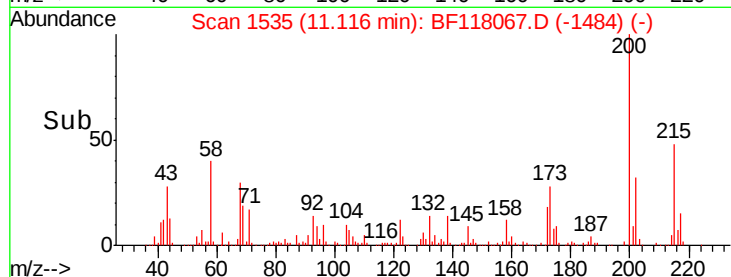
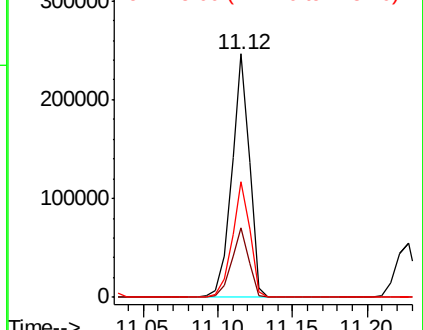
215 47.7 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.978 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

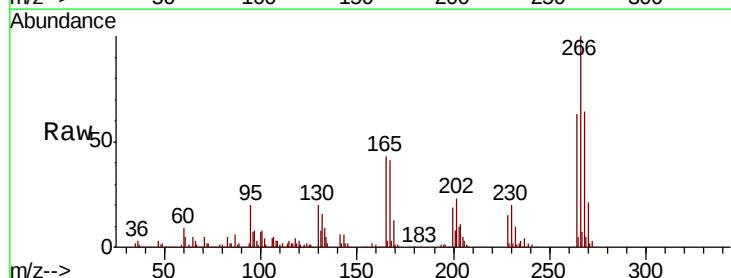
Tgt Ion:266 Resp: 269541

Ion Ratio Lower Upper

266 100

268 63.9 50.3 75.5

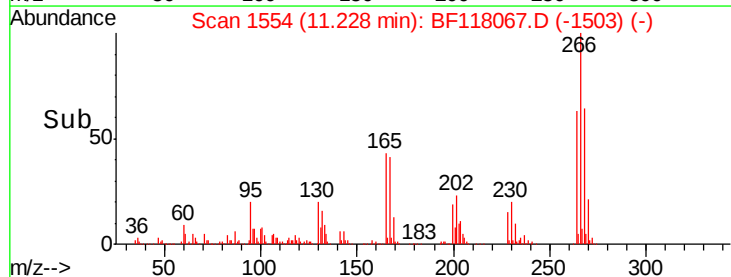
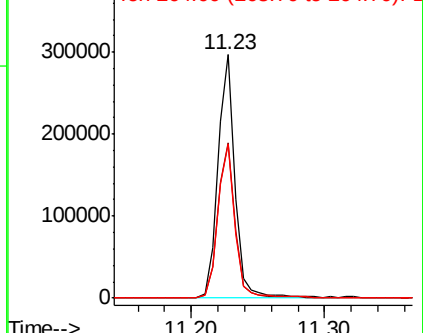
264 63.4 50.3 75.5

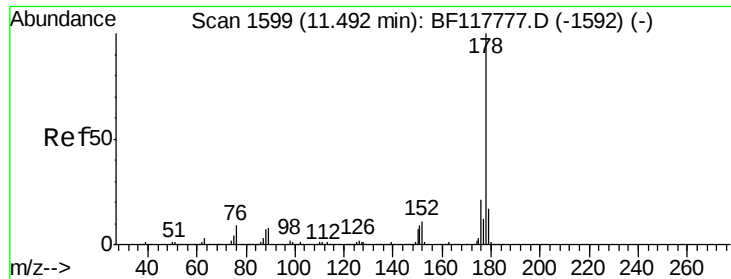


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.246 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

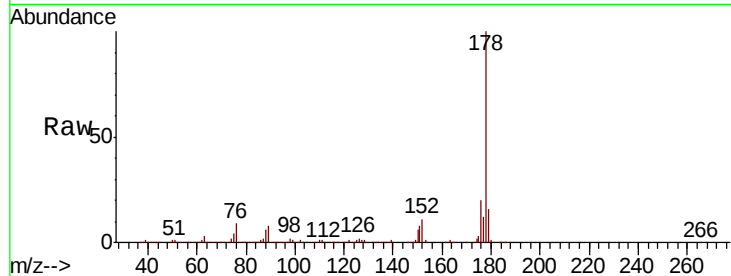
Tot Ion:178 Resp: 1139340

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

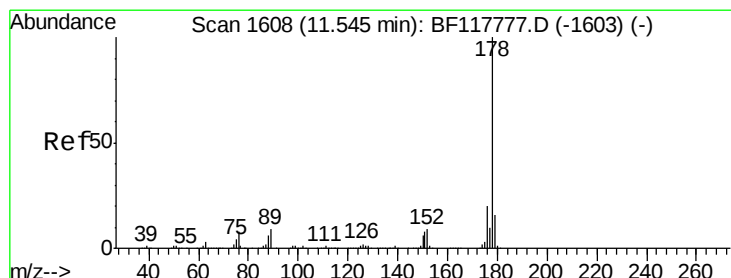
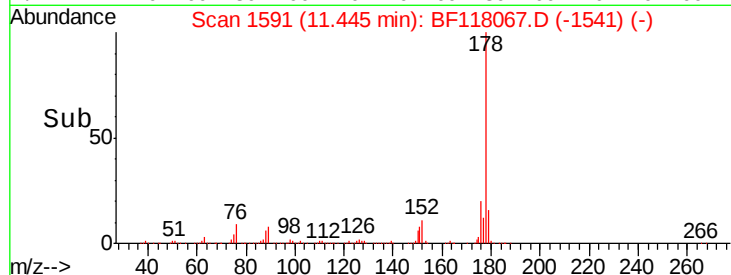
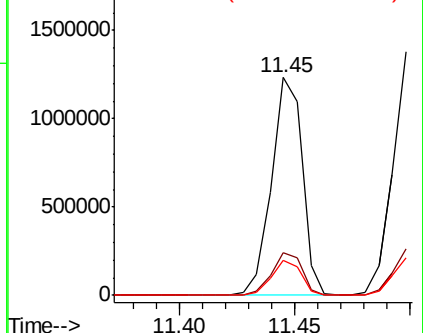
179 15.9 12.3 18.5



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: 45.689 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

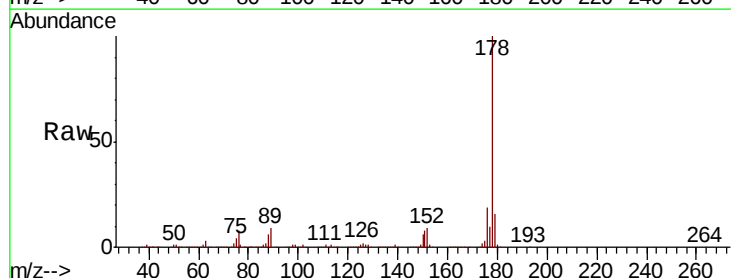
Tgt Ion:178 Resp: 1193445

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

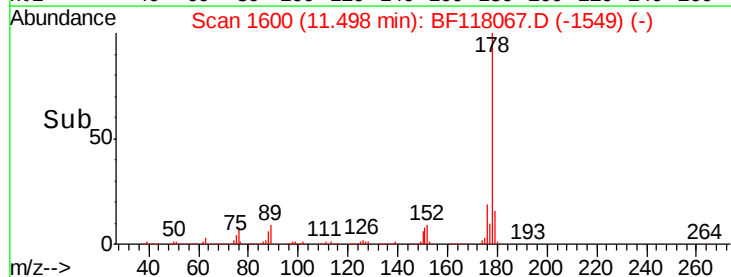
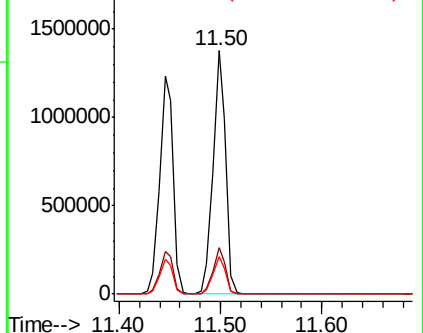
179 15.7 12.8 19.2

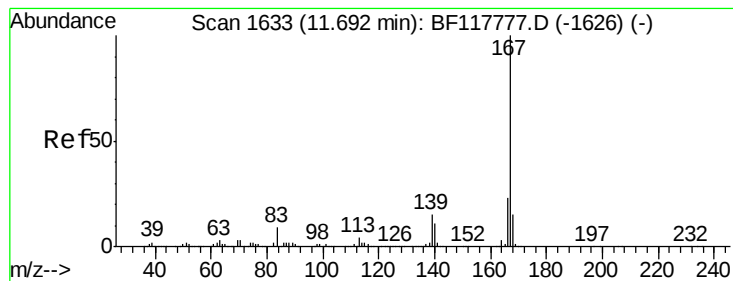


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.653 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampled :

SB-3MS

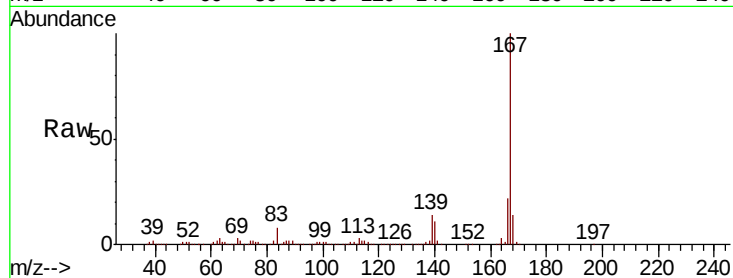
Tot Ion:167 Resp: 996437

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

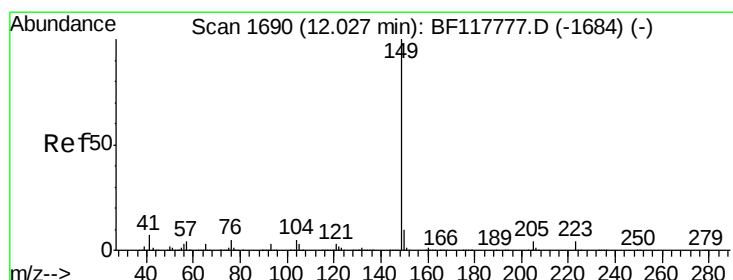
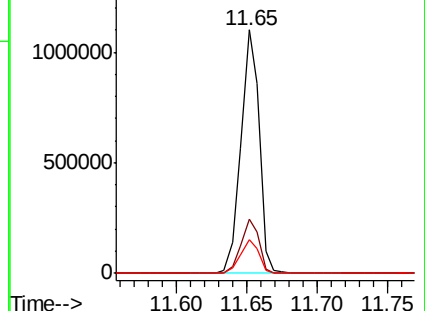
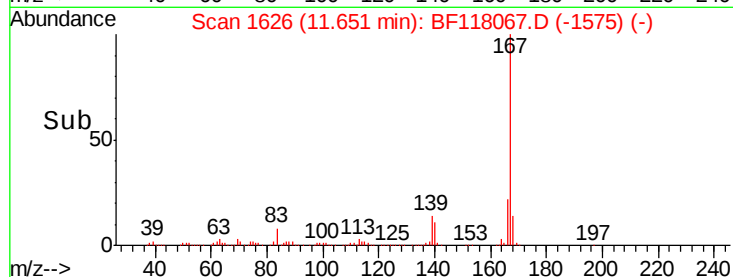
139 14.0 11.5 17.3



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: 45.837 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

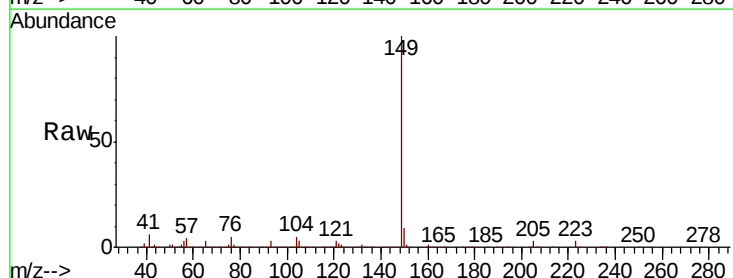
Tgt Ion:149 Resp: 1302694

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

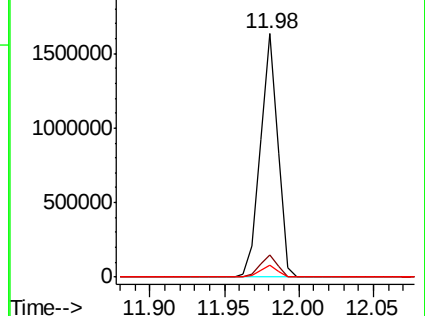
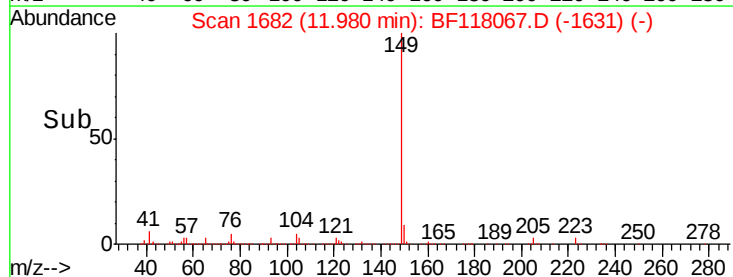
104 4.8 4.2 6.4

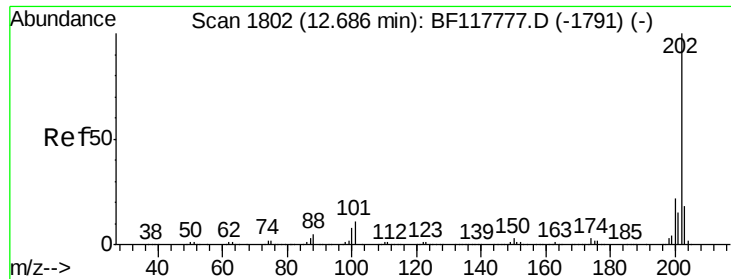


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

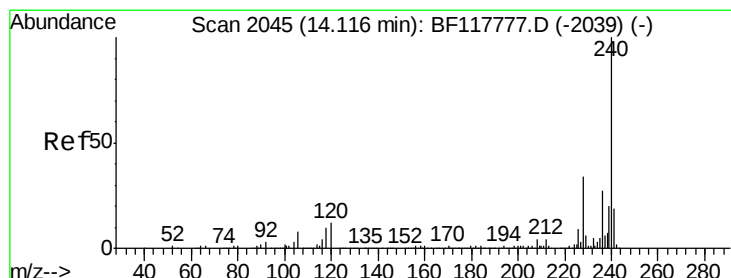
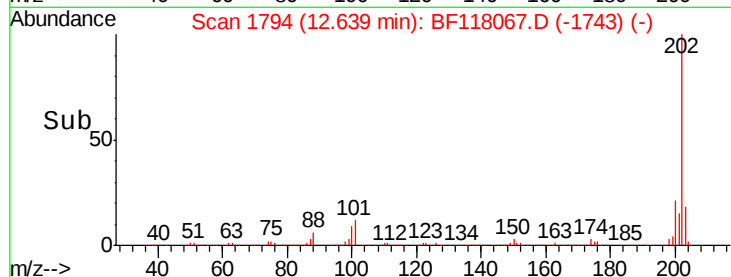
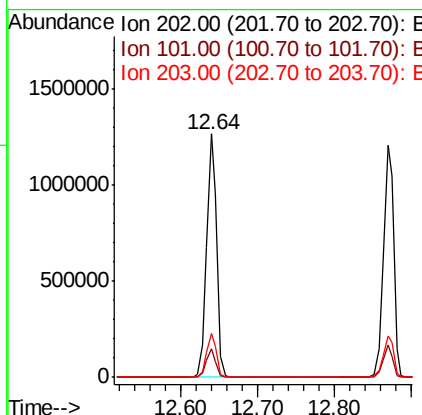
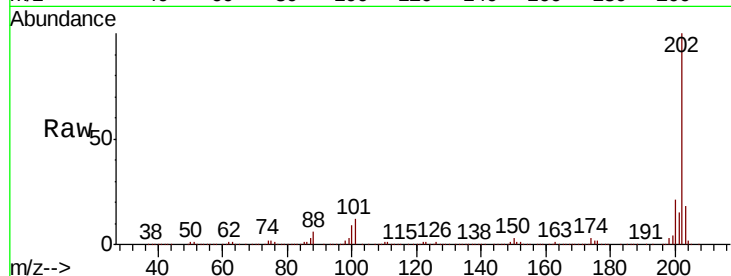




#75
Fluoranthene
Concen: 47.655 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

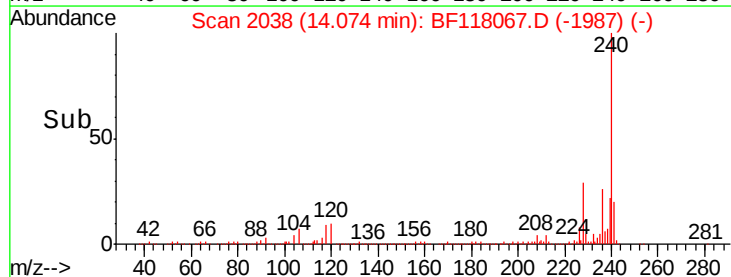
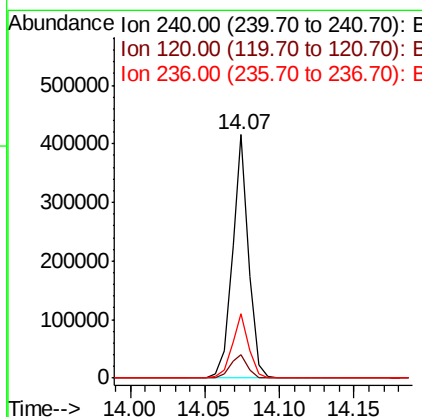
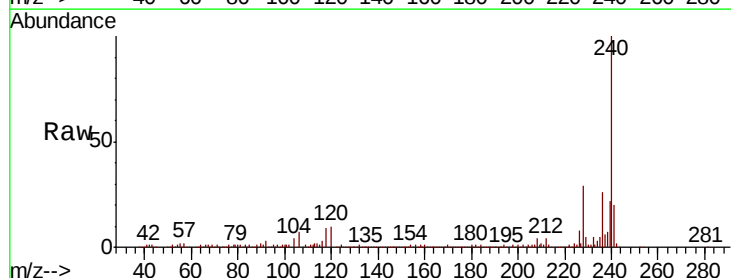
Instrument :
BNA_F
ClientSampleId :
SB-3MS

Tot Ion:202 Resp: 1132657
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.5
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:240 Resp: 317814
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 26.5 20.6 31.0





#77

Benzidine

Concen: 29.593 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

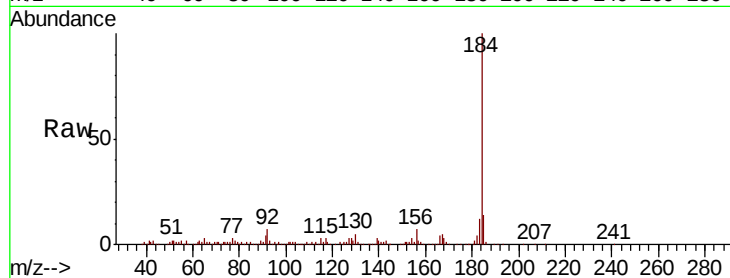
Tot Ion:184 Resp: 308072

Ion Ratio Lower Upper

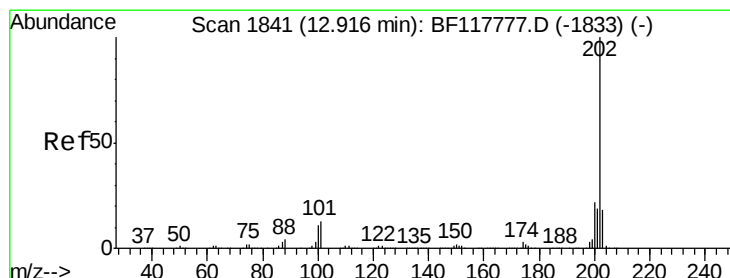
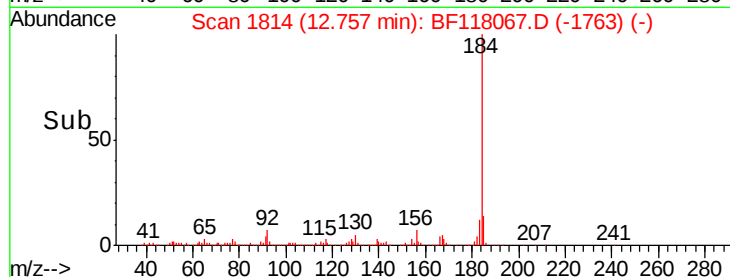
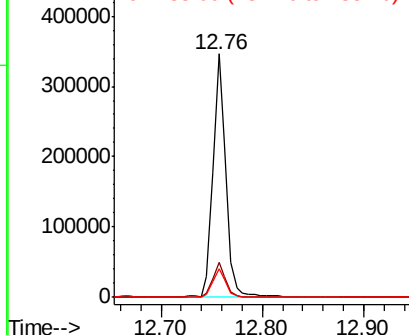
184 100

185 14.3 11.6 17.4

183 11.8 9.7 14.5



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: 43.867 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

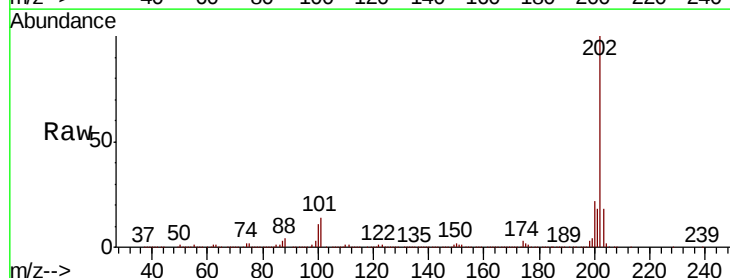
Tgt Ion:202 Resp: 1126700

Ion Ratio Lower Upper

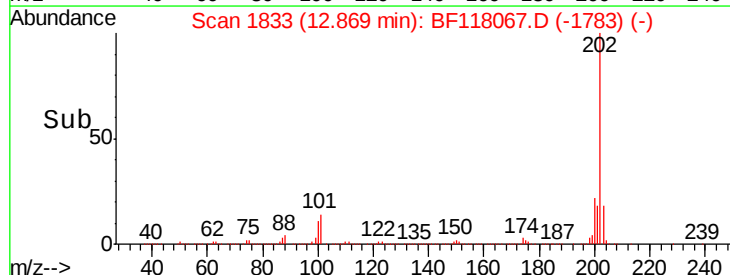
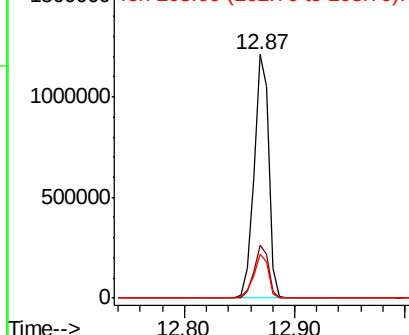
202 100

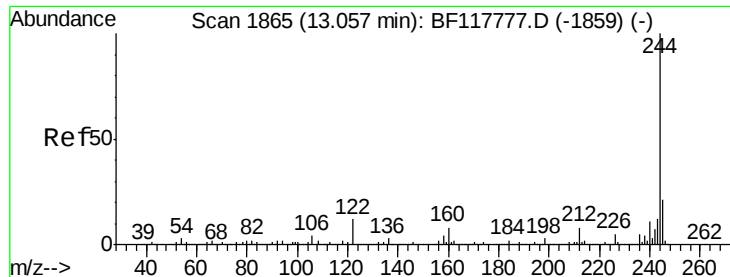
200 21.9 17.0 25.6

203 18.0 14.2 21.4



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: 92.299 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

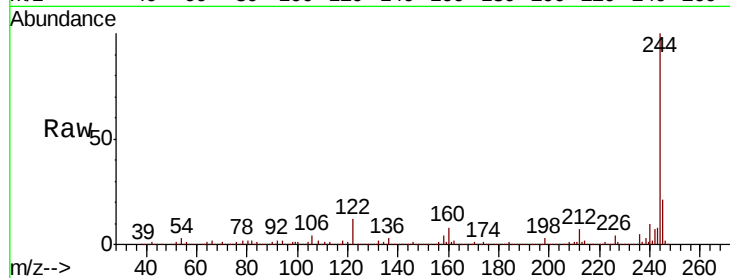
Tot Ion:244 Resp: 1605043

Ion Ratio Lower Upper

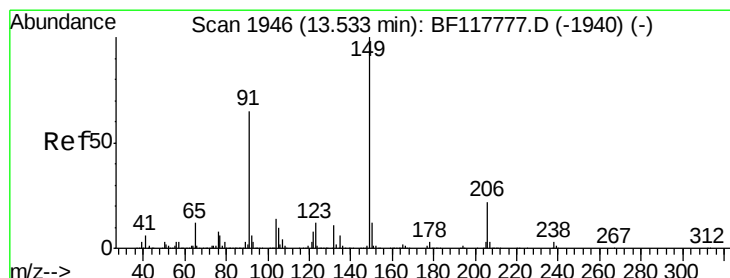
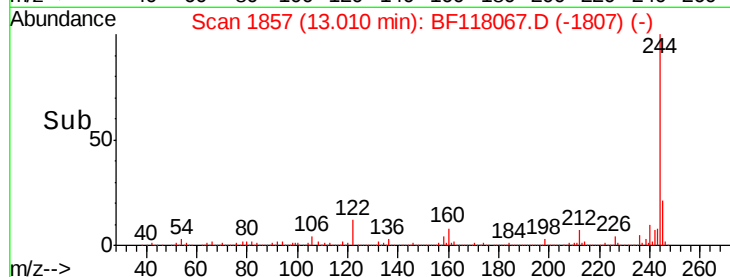
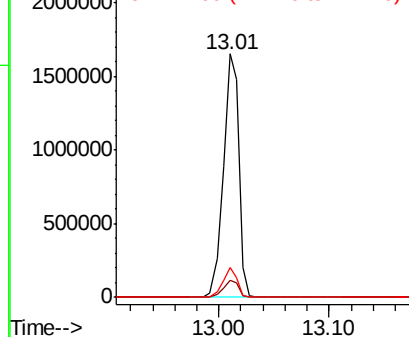
244 100

212 7.2 5.2 7.8

122 12.1 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.829 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

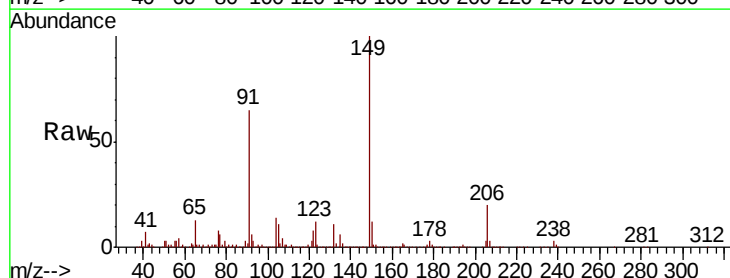
Tgt Ion:149 Resp: 505563

Ion Ratio Lower Upper

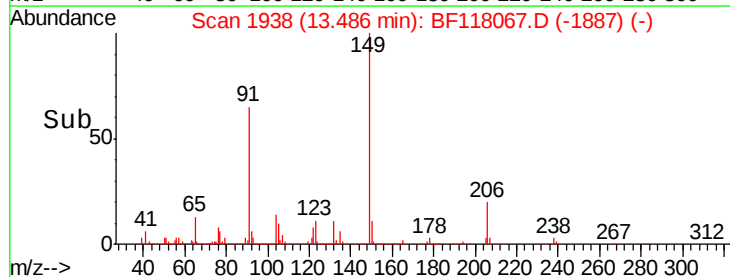
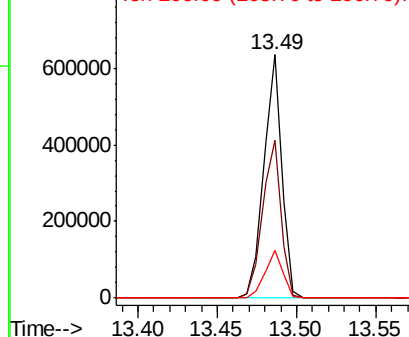
149 100

91 64.8 53.1 79.7

206 19.7 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

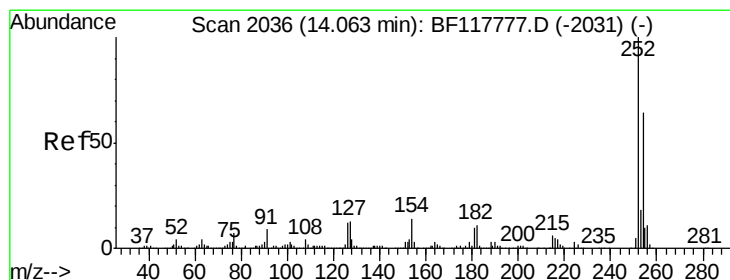
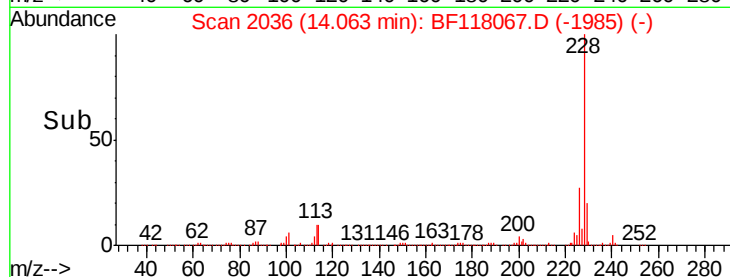
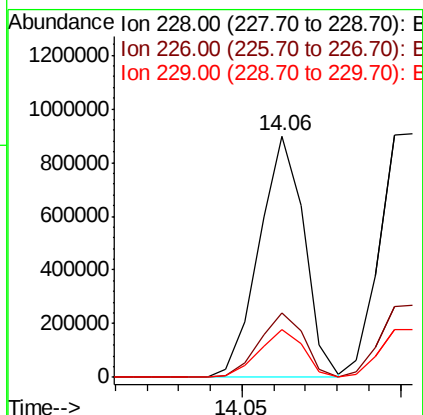
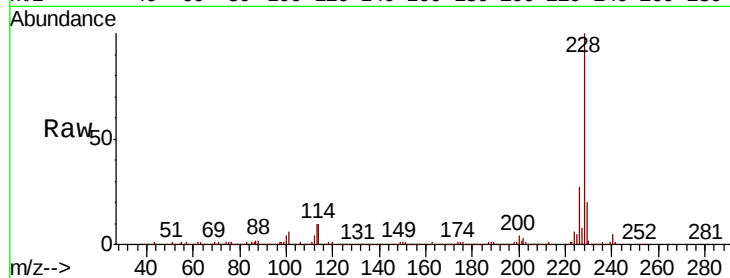




#81
Benzo(a)anthracene
Concen: 42.159 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

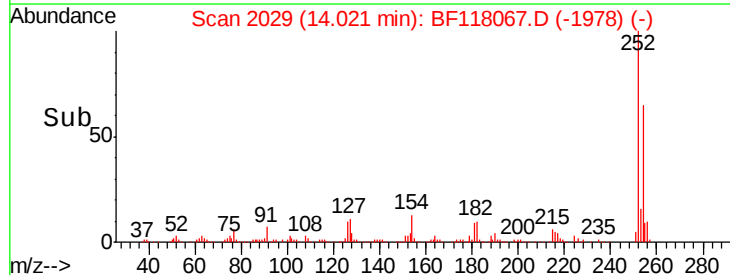
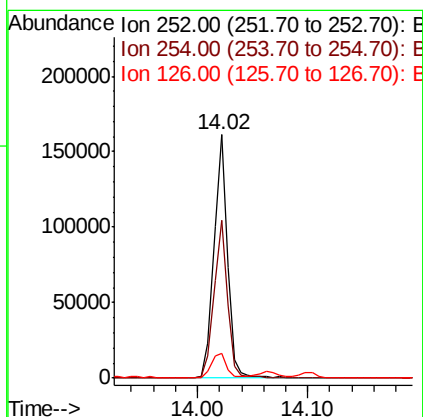
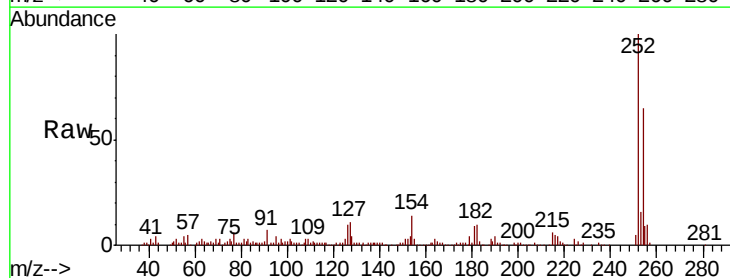
Instrument :
BNA_F
ClientSampleId :
SB-3MS

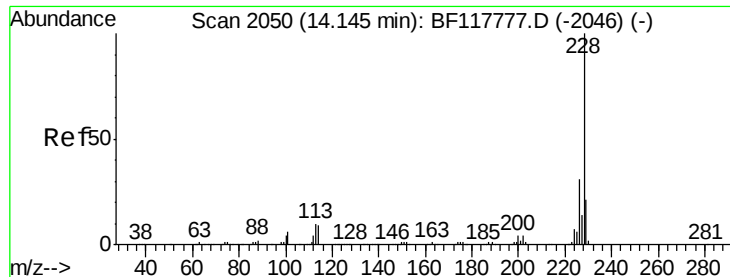
Tot Ion:228 Resp: 885401
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 19.8 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 18.478 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:252 Resp: 135742
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.2
126 10.3 9.3 13.9





#83

Chrvsene

Concen: 42.576 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

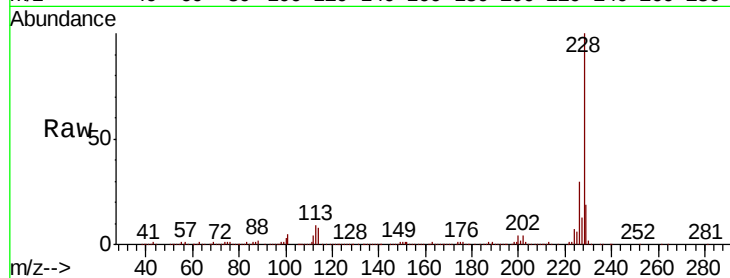
Tot Ion:228 Resp: 866452

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

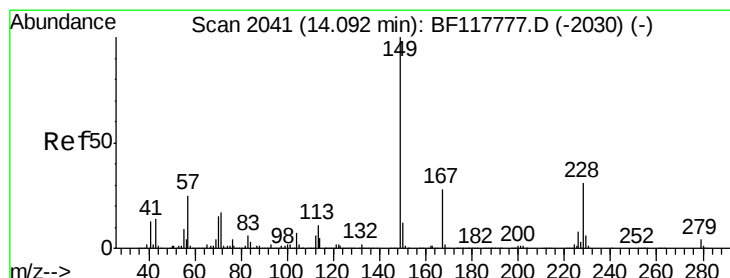
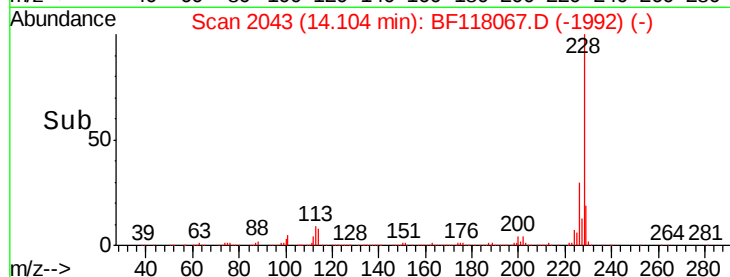
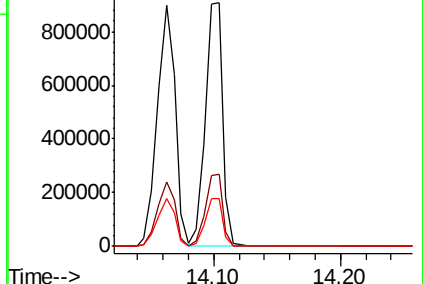
229 19.5 16.2 24.2



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: 50.912 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

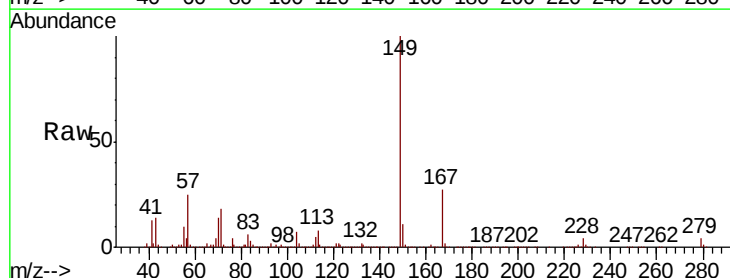
Tgt Ion:149 Resp: 680900

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

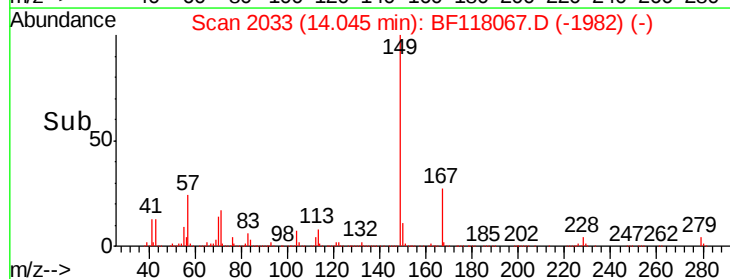
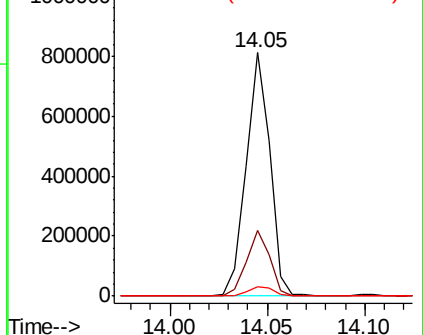
279 4.0 3.4 5.0

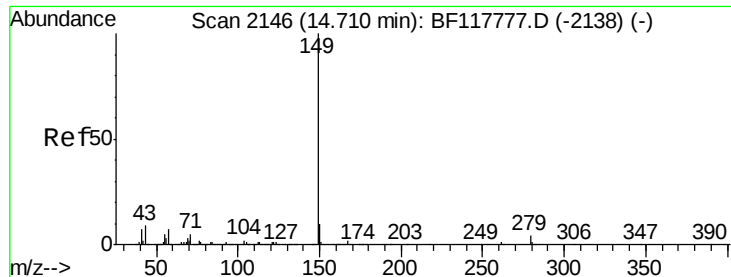


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.236 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

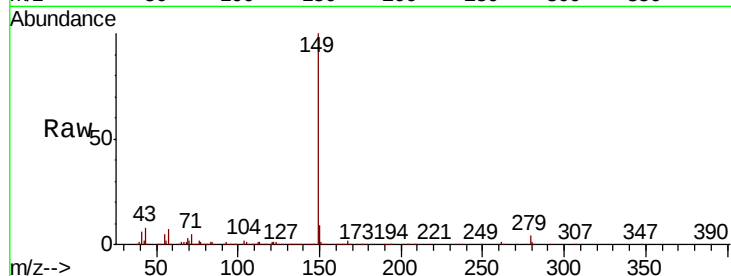
Tot Ion:149 Resp: 1026314

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

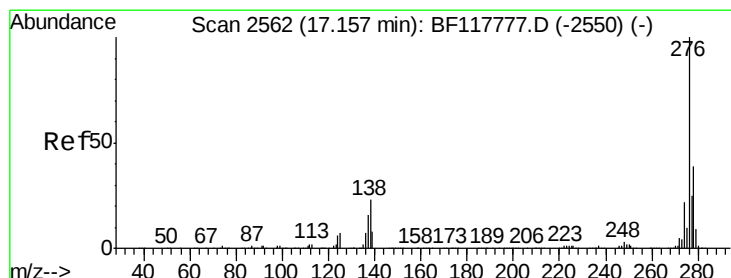
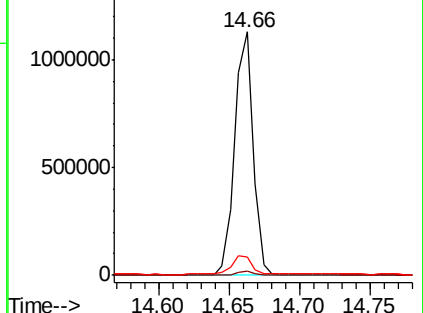
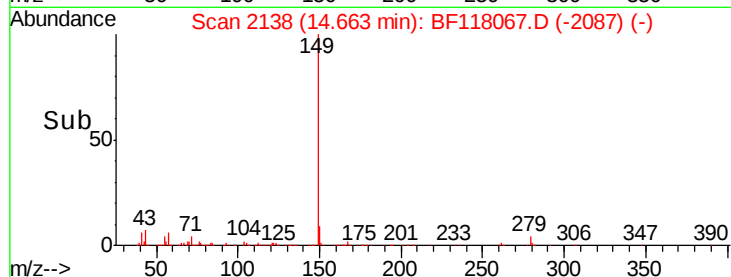
43 8.5 6.4 9.6



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: 53.978 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

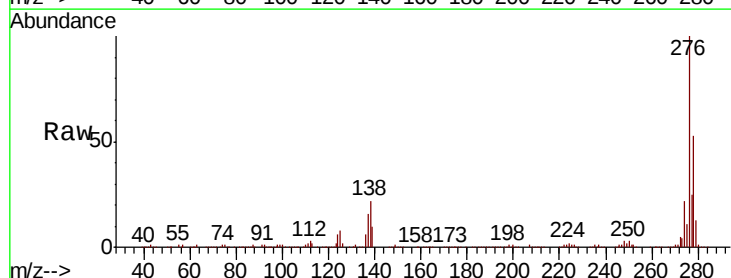
Tgt Ion:276 Resp: 934912

Ion Ratio Lower Upper

276 100

138 24.0 19.0 28.6

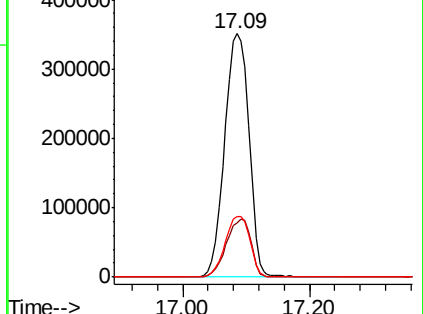
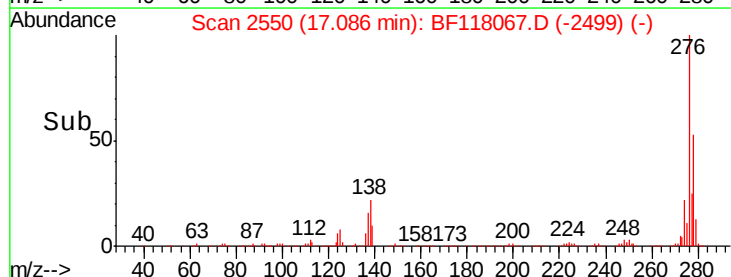
277 25.4 20.7 31.1

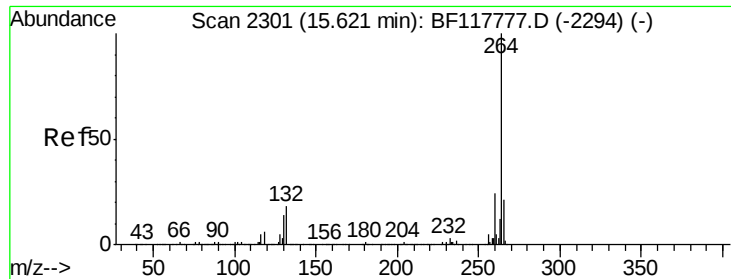


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

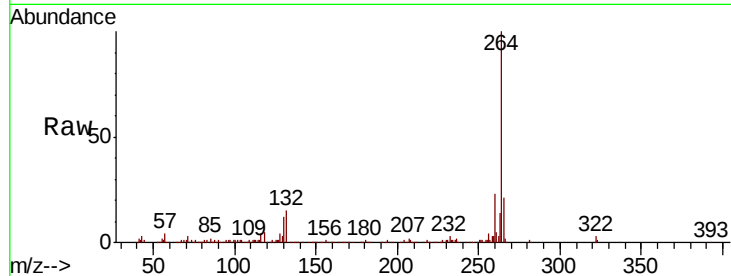
Tot Ion:264 Resp: 315733

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

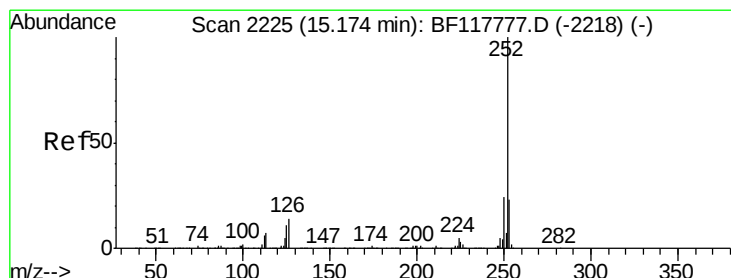
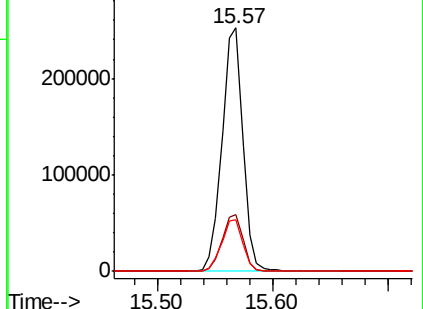
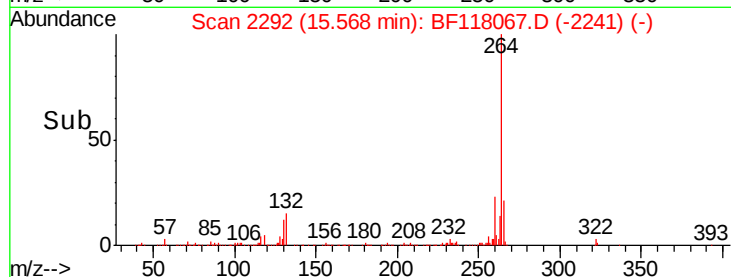
265 21.1 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.383 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

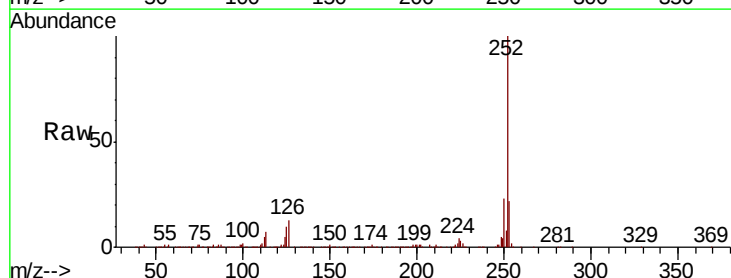
Tgt Ion:252 Resp: 787353

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

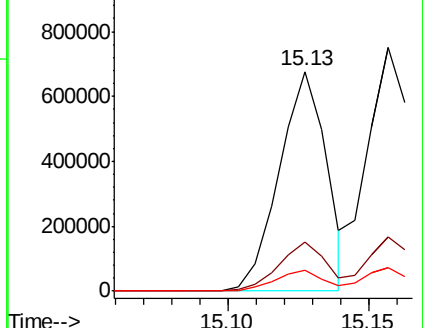
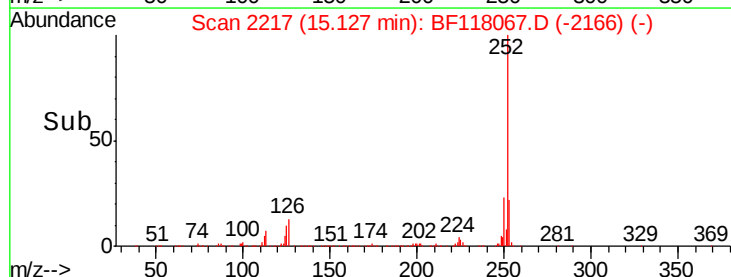
125 9.8 7.7 11.5

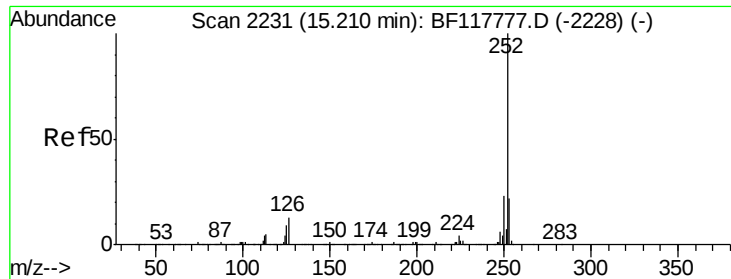


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

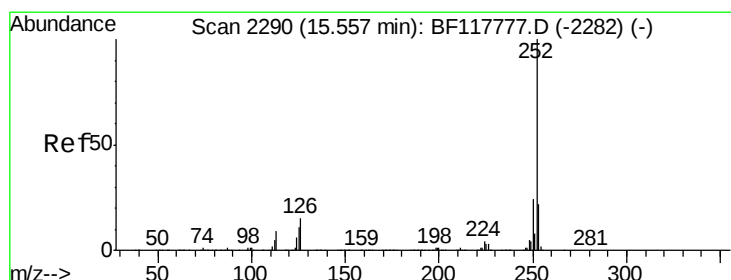
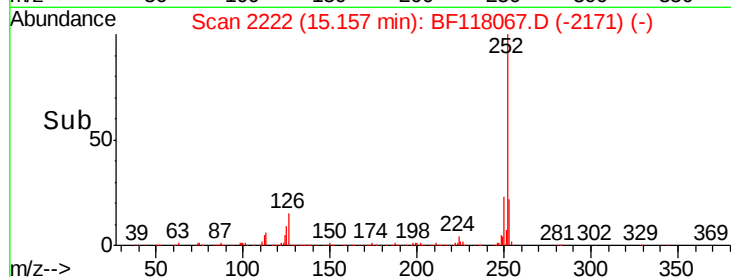
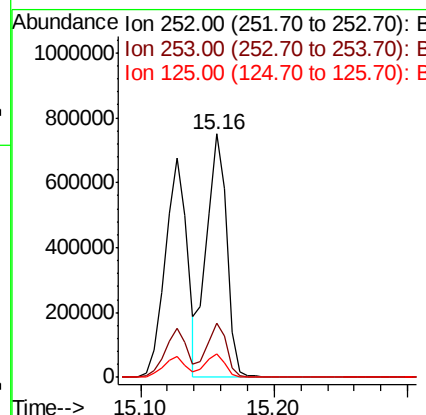
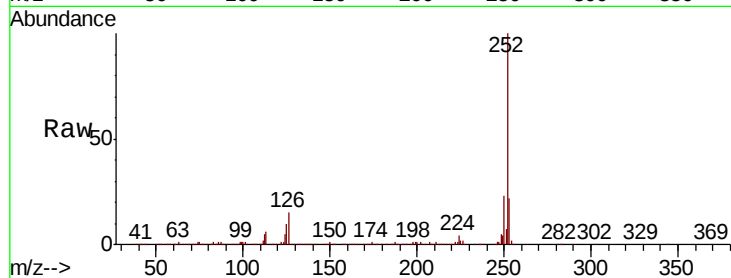




#89
Benzo(k)fluoranthene
Concen: 40.705 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

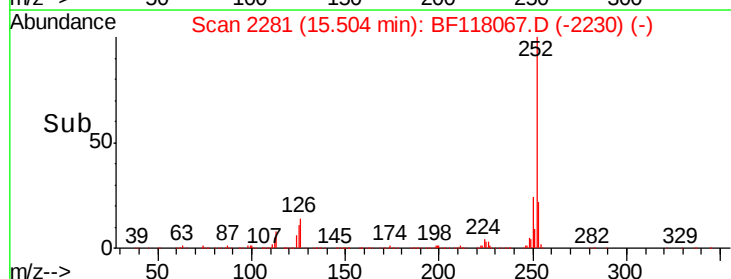
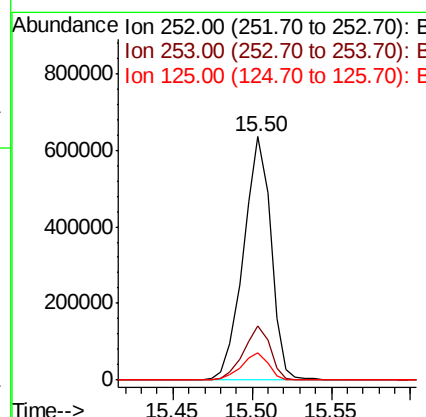
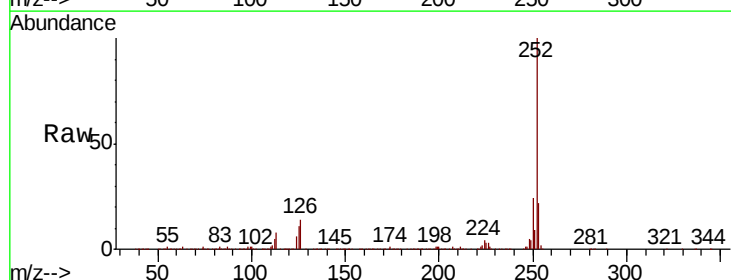
Instrument :
BNA_F
ClientSampleId :
SB-3MS

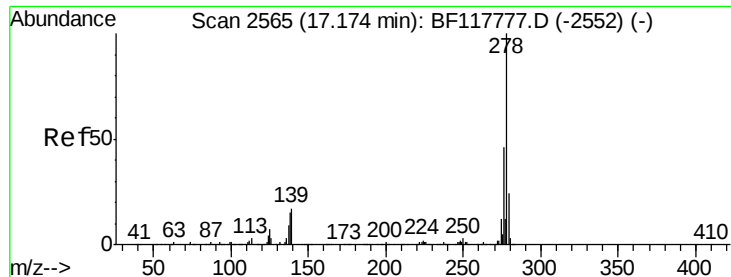
Tot Ion:252 Resp: 786760
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.6 8.5 12.7



#90
Benzo(a)pyrene
Concen: 42.423 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF118067.D
Acq: 3 Dec 2019 17:33

Tgt Ion:252 Resp: 765229
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 50.339 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SB-3MS

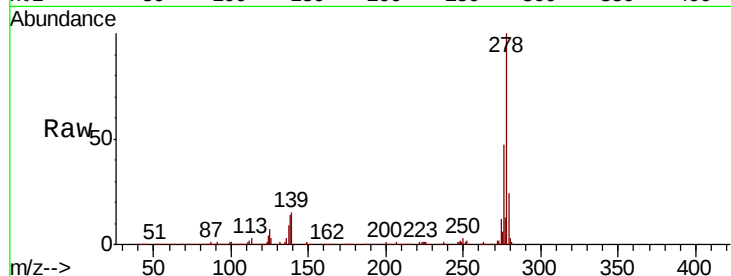
Tot Ion:278 Resp: 781560

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

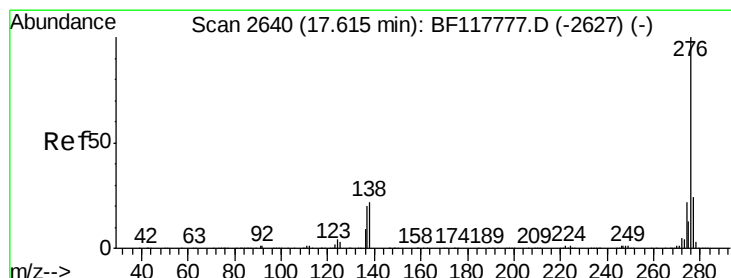
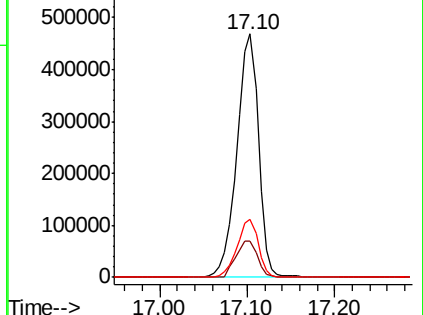
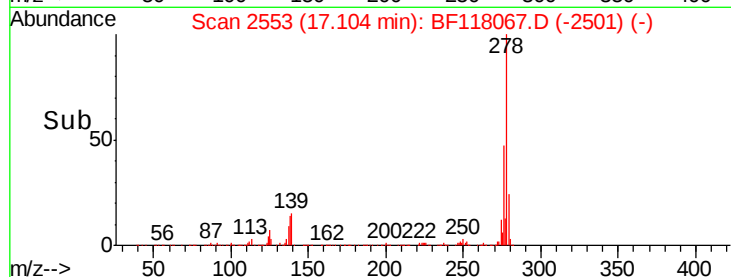
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.282 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF118067.D

Acq: 3 Dec 2019 17:33

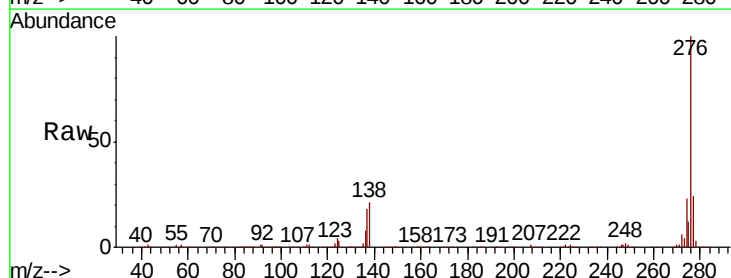
Tgt Ion:276 Resp: 793037

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.8 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

