

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
 Data File : BF118110.D
 Acq On : 5 Dec 2019 18:33
 Operator : JU
 Sample : K6098-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: Dec 06 03:33:44 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	116416	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	447012	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	236048	20.00	ng	-0.02
64) Phenanthrene-d10	11.41	188	432891	20.00	ng	-0.01
76) Chrysene-d12	14.06	240	265221	20.00	ng	-0.01
87) Perylene-d12	15.56	264	248977	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	659809	100.32	ng	0.00
7) Phenol-d6	6.50	99	561923	70.84	ng	-0.01
23) Nitrobenzene-d5	7.43	82	677548	90.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	355819	142.38	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1326227	100.80	ng	0.00
79) Terphenyl-d14	13.00	244	1617481	111.46	ng	-0.01

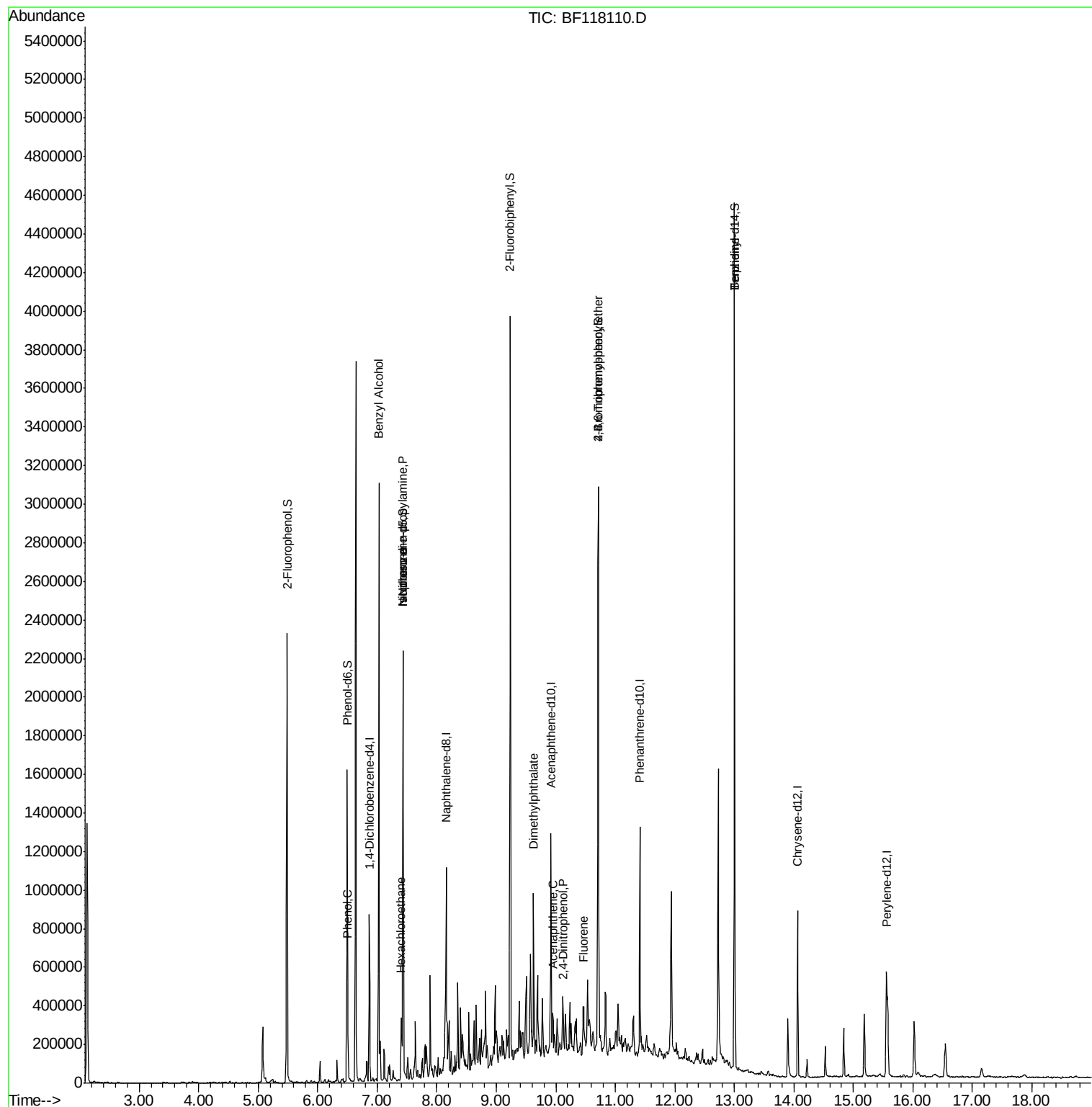
Target Compounds				Qvalue		
9) Benzaldehyde	6.42	77	3382	Below Cal		91
10) Phenol	6.51	94	61831	7.501 ng		97
15) Benzyl Alcohol	7.03	79	13862	2.263 ng	#	47
18) Hexachloroethane	7.40	117	33267	10.663 ng	#	17
19) n-Nitroso-di-n-propylamine	7.43	70	95295	19.472 ng	#	73
25) Isophorone	7.43	82	674638	48.949 ng	#	63
50) Dimethylphthalate	9.63	163	295134	17.830 ng		99
52) Acenaphthene	9.95	154	28386	2.110 ng	#	94
54) 2,4-Dinitrophenol	10.13	184	135	7.291 ng	#	1
58) Fluorene	10.47	166	57346	3.972 ng	#	93
67) 4-Bromophenyl-phenylether	10.72	248	22351	4.785 ng	#	1
75) Fluoranthene	12.63	202	8820	Below Cal		95
77) Benzidine	13.00	184	23045	2.653 ng	#	92

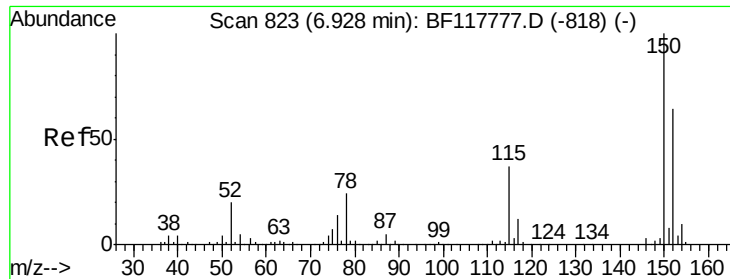
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
Data File : BF118110.D
Acq On : 5 Dec 2019 18:33
Operator : JU
Sample : K6098-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Quant Time: Dec 06 03:33:44 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



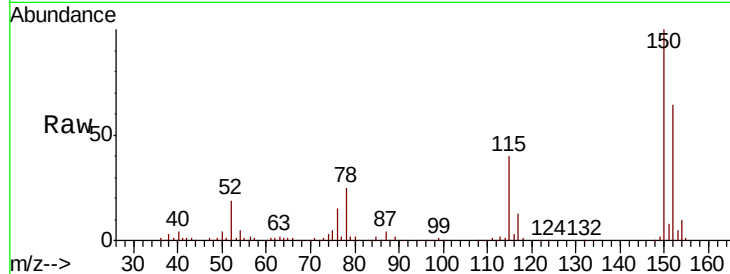


#1

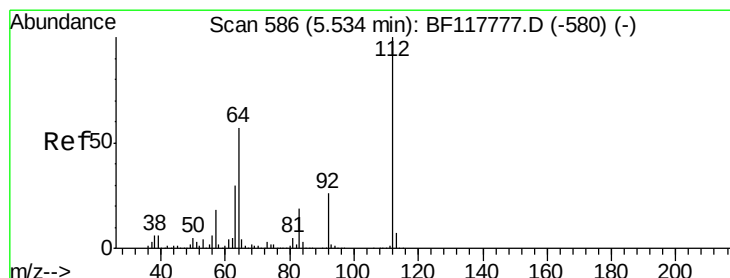
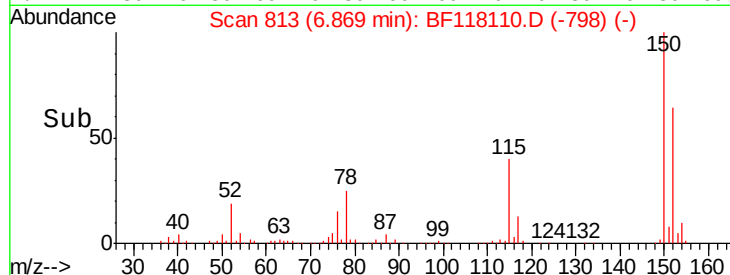
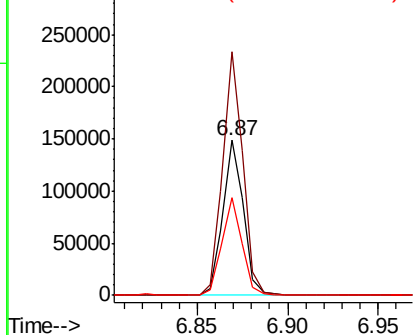
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF118110.D
 Acq: 5 Dec 2019 18:33

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Tot Ion:152 Resp: 116416
 Ion Ratio Lower Upper
 152 100
 150 157.4 121.4 182.2
 115 62.9 48.8 73.2



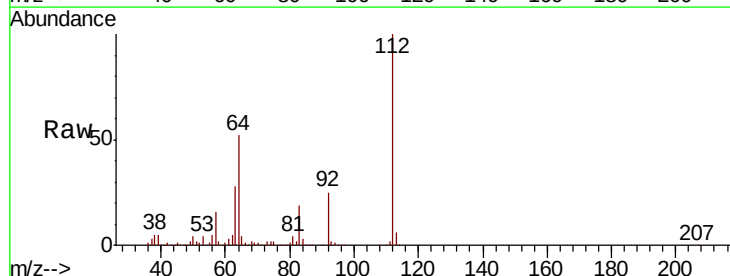
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



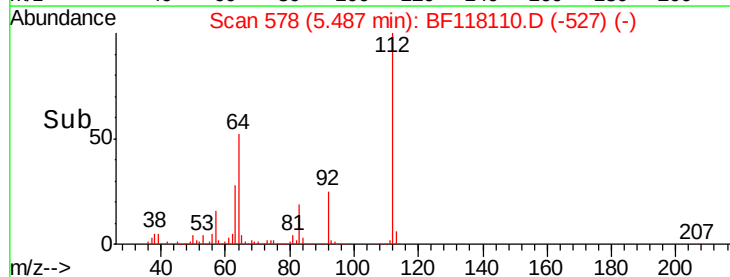
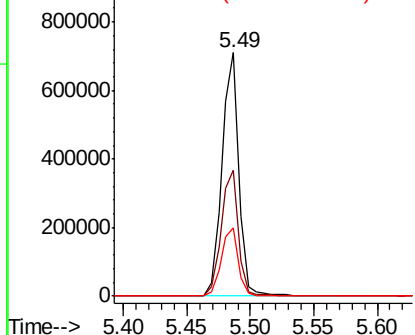
#5

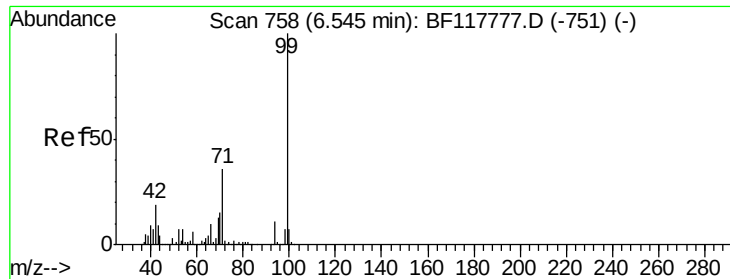
2-Fluorophenol
 Concen: 100.324 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF118110.D
 Acq: 5 Dec 2019 18:33

Tgt Ion:112 Resp: 659809
 Ion Ratio Lower Upper
 112 100
 64 51.8 45.1 67.7
 63 28.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.837 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

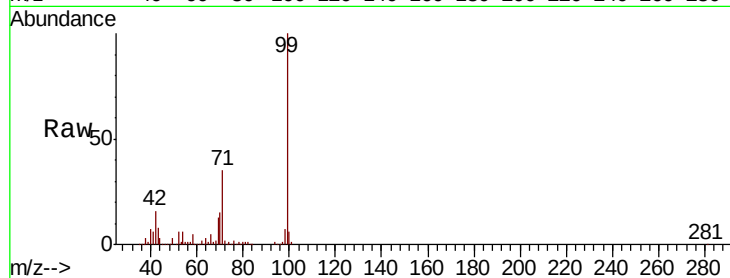
Tot Ion: 99 Resp: 561923

Ion Ratio Lower Upper

99 100

42 16.2 14.0 21.0

71 35.3 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

800000

600000

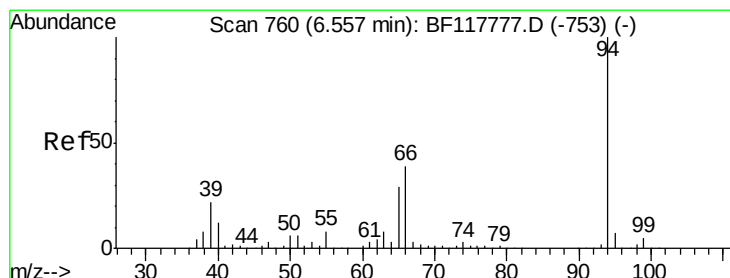
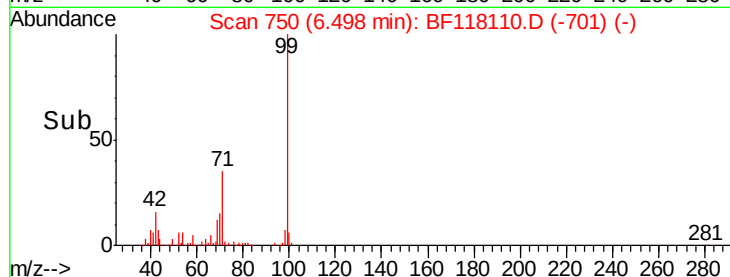
400000

200000

0

6.40 6.50 6.60

Time-->



#10

Phenol

Concen: 7.501 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

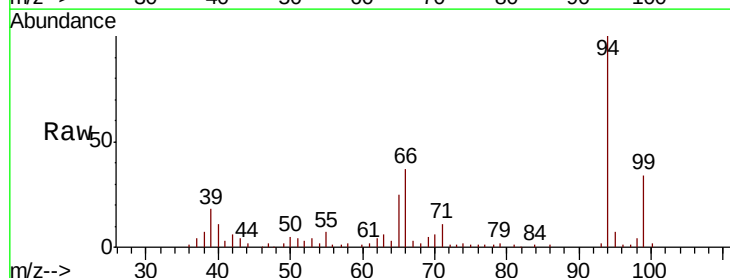
Tgt Ion: 94 Resp: 61831

Ion Ratio Lower Upper

94 100

65 25.4 6.9 46.9

66 36.6 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

300000

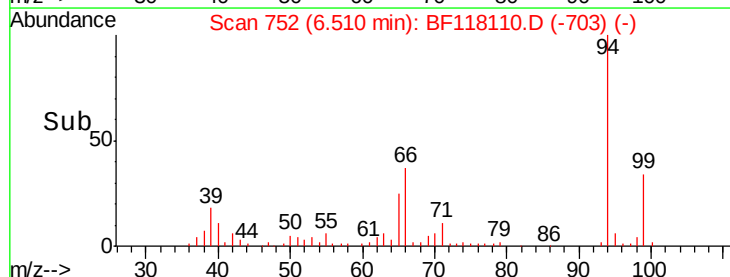
200000

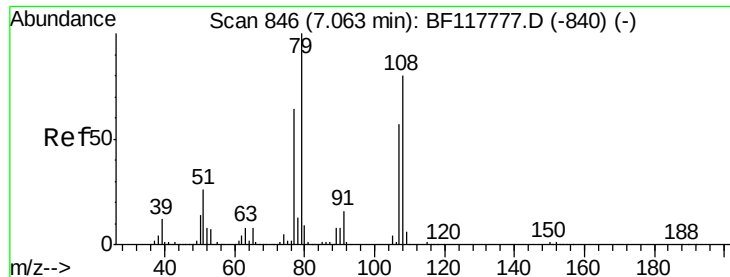
100000

0

6.45 6.50 6.55 6.60

Time-->





#15

Benzyl Alcohol

Concen: 2.263 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

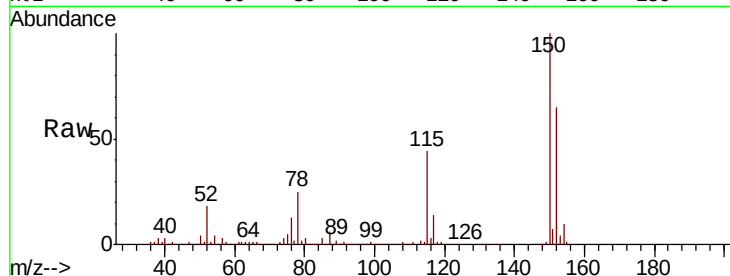
Tot Ion: 79 Resp: 13862

Ion Ratio Lower Upper

79 100

108 36.0 63.1 94.7#

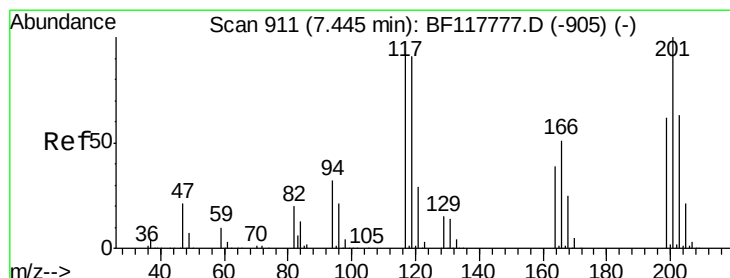
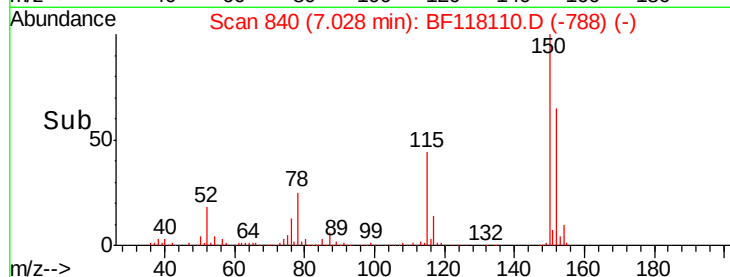
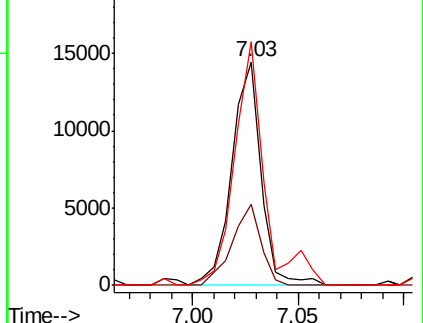
77 109.0 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 10.663 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

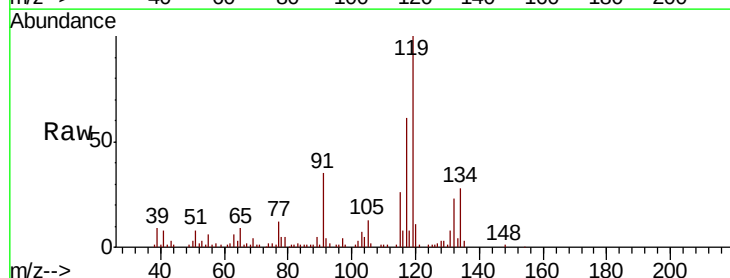
Tgt Ion: 117 Resp: 33267

Ion Ratio Lower Upper

117 100

119 165.0 76.4 114.6#

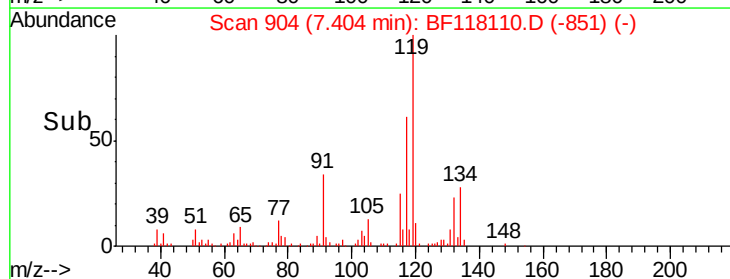
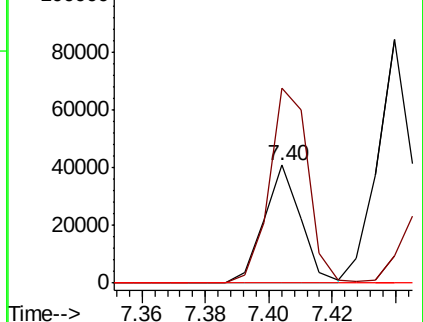
201 0.0 71.7 107.5#

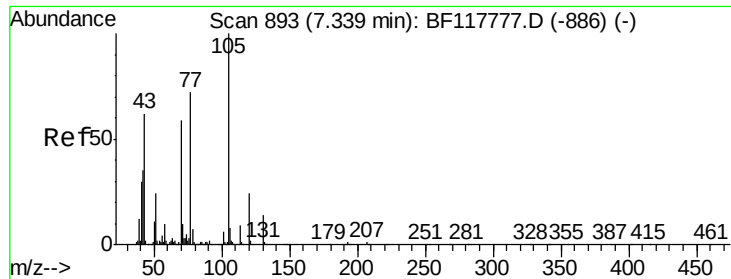


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

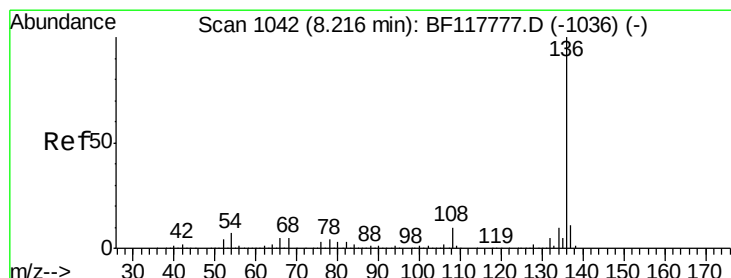
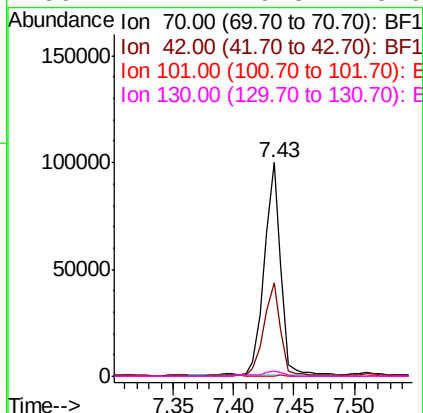
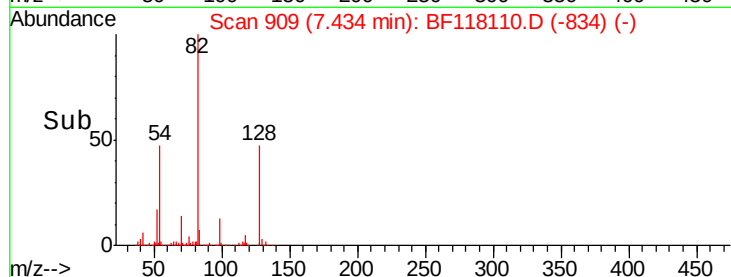
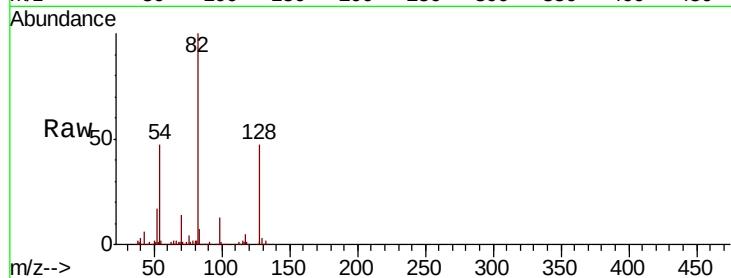




#19
n-Nitroso-di-n-propylamine
Concen: 19.472 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

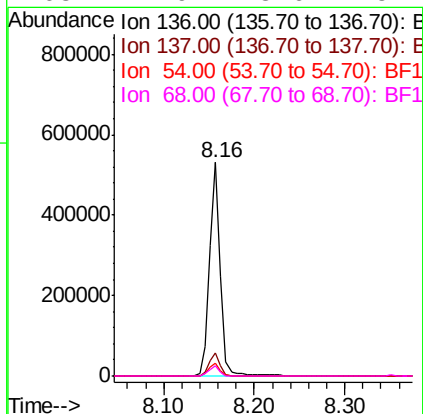
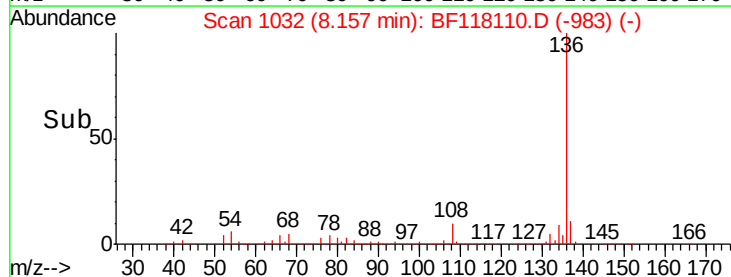
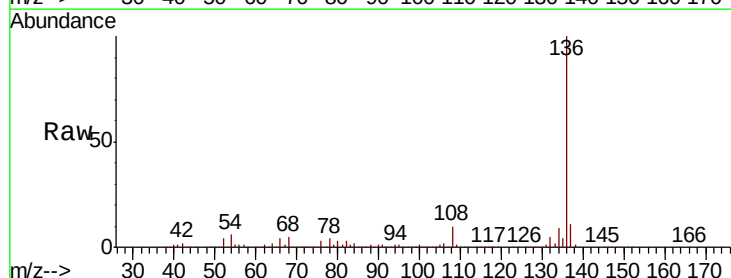
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

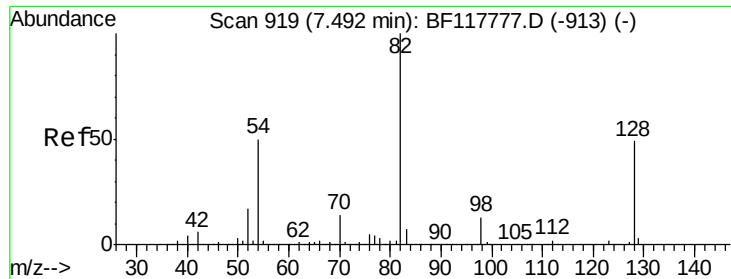
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.9	46.0	69.0#
101	0.0	8.8	13.2#
130	2.1	19.8	29.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	4.9	7.3
68	4.9	3.6	5.4

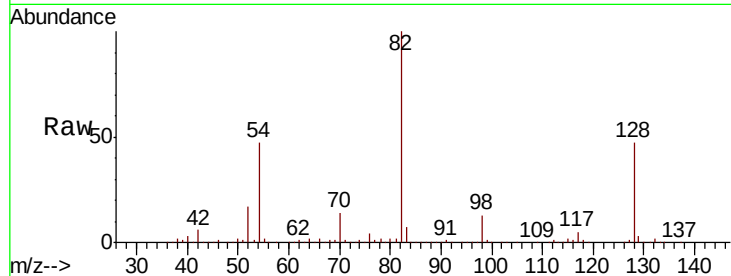




#23
Nitrobenzene-d5
Concen: 90.104 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.2	57.4
54	47.1	39.0	58.4

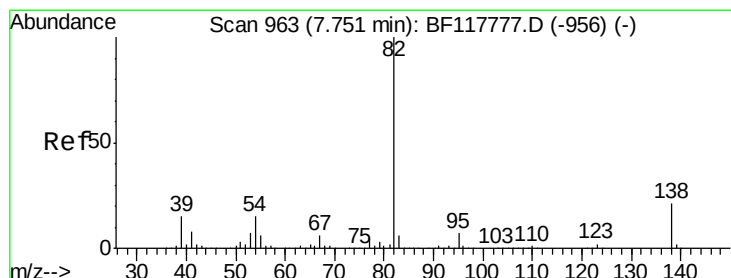
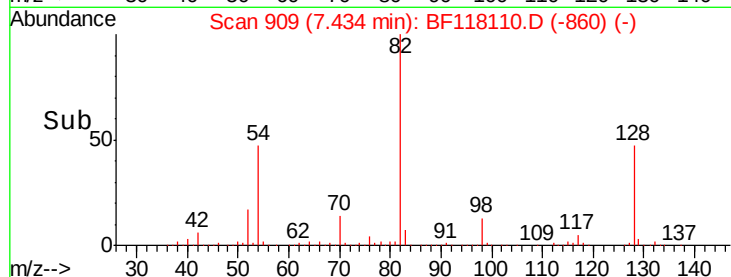
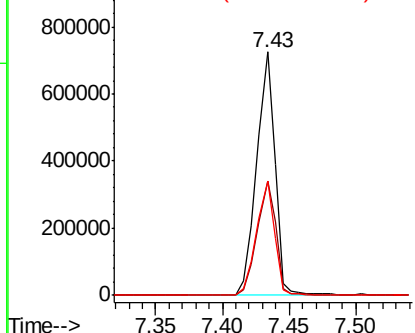


Abundance

Ion 82.00 (81.70 to 82.70): BF1

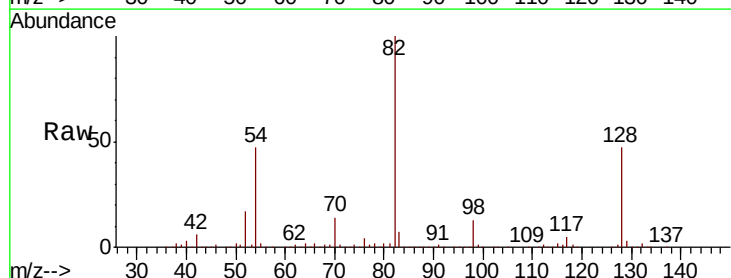
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
Isophorone
Concen: 48.949 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.2#
138	0.0	15.9	23.9#

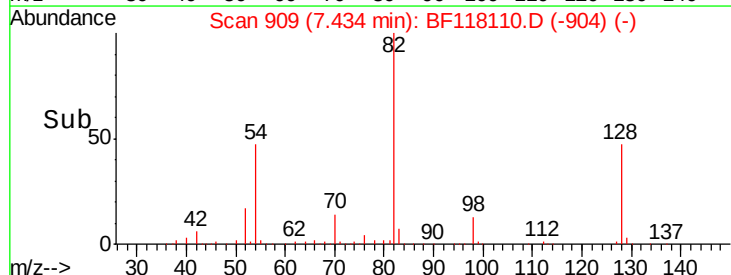
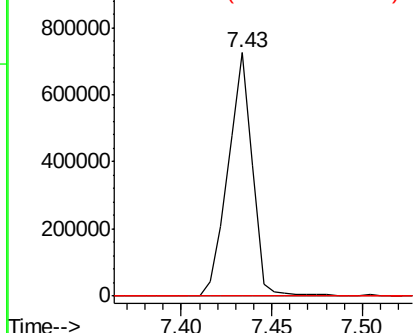


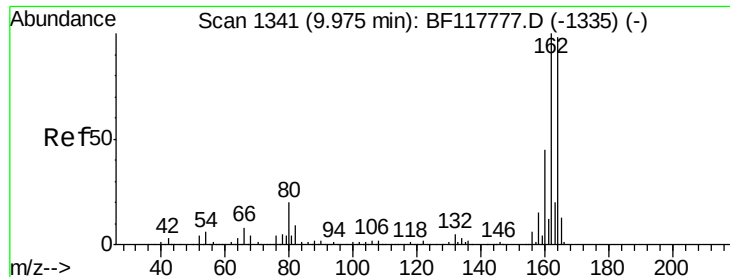
Abundance

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

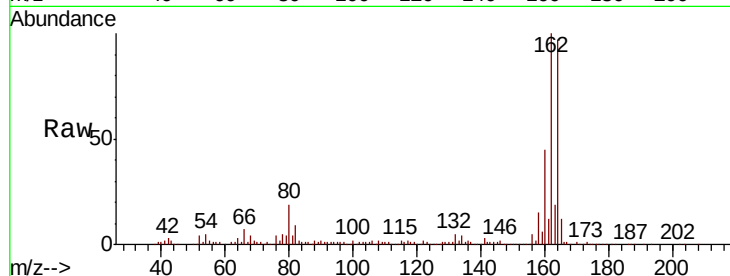




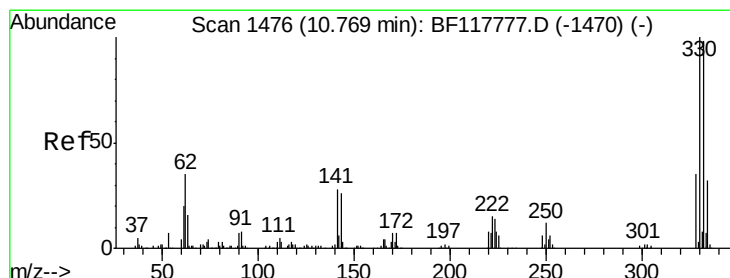
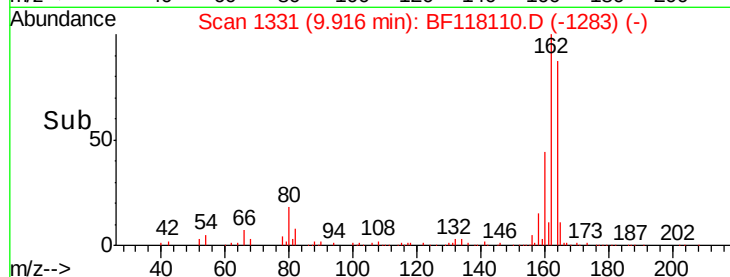
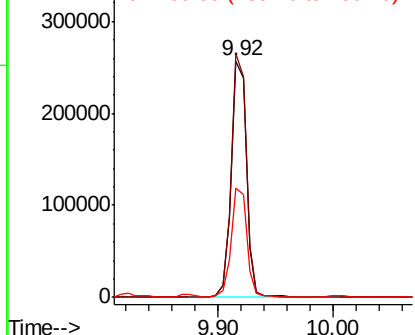
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tot Ion:164 Resp: 236048
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.8
160 46.1 35.9 53.9

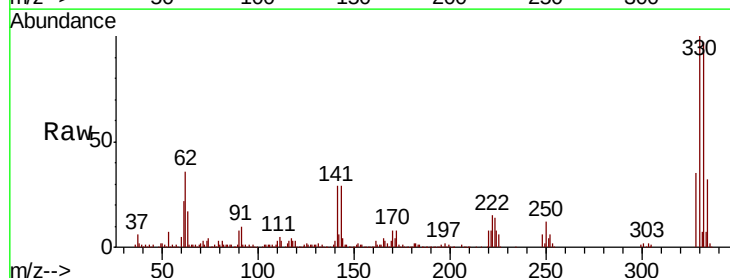


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

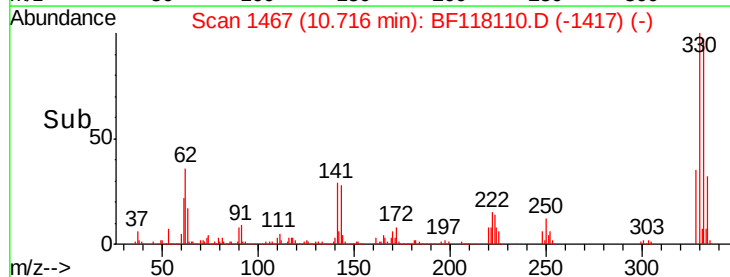
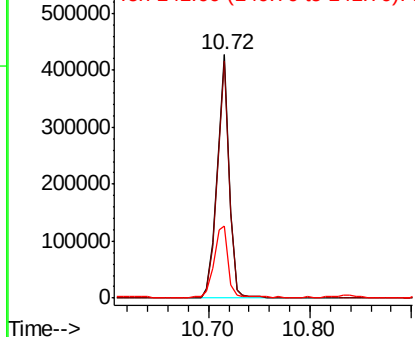


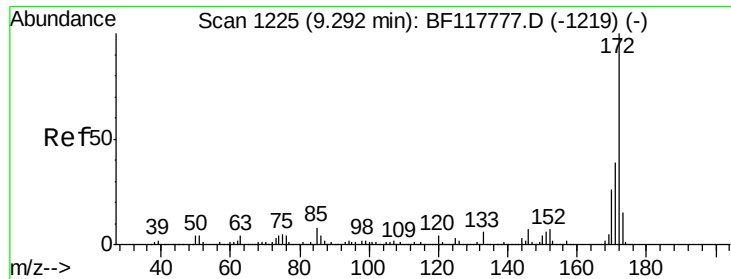
#42
2,4,6-Tribromophenol
Concen: 142.384 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Tgt Ion:330 Resp: 355819
Ion Ratio Lower Upper
330 100
332 97.0 78.3 117.5
141 33.9 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





#45

2-Fluorobiphenyl

Concen: 100.797 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

Instrument :

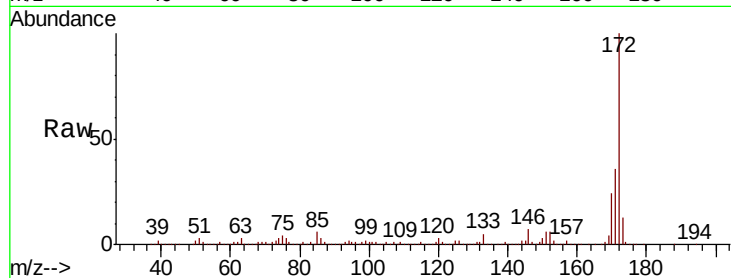
BNA_F

ClientSampleId :

OWL-C5-GW

Tot Ion:172 Resp: 1326227

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.4	19.3	28.9

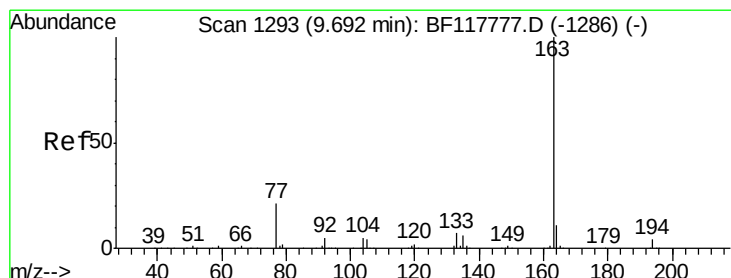
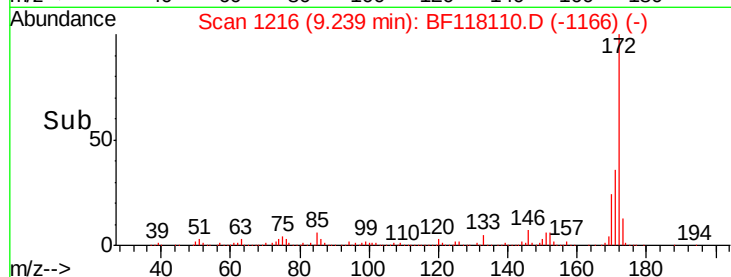
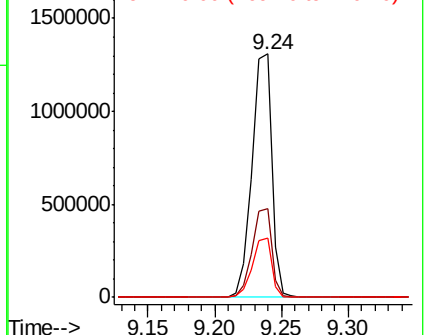


Abundance

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



#50

Dimethylphthalate

Concen: 17.830 ng

RT: 9.63 min Scan# 1282

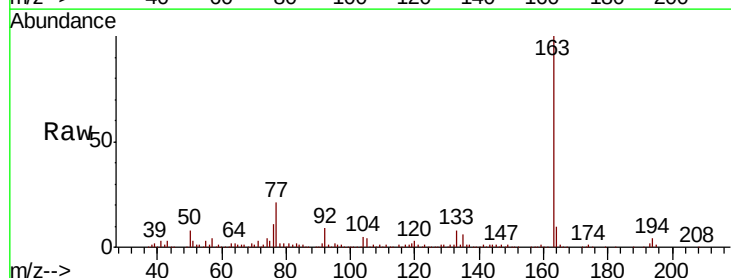
Delta R.T. -0.02 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

Tgt Ion:163 Resp: 295134

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.3	7.9	11.9

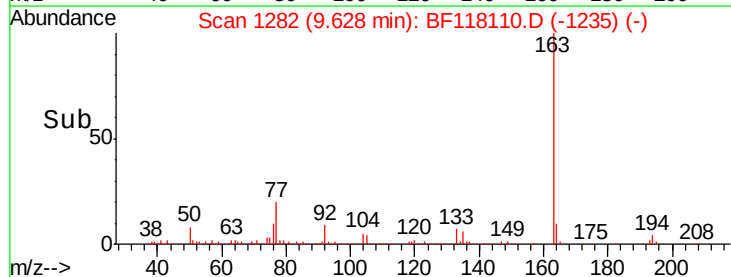
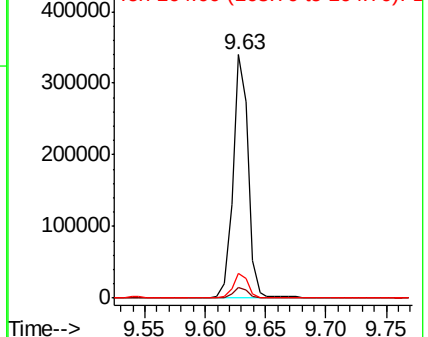


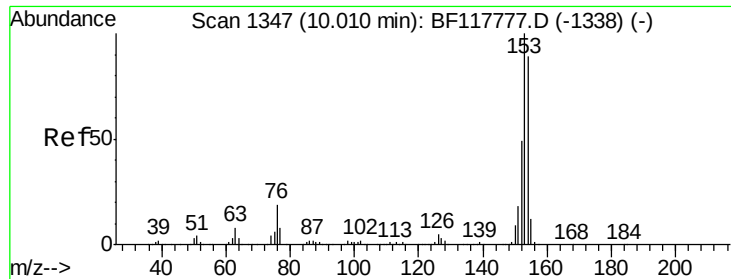
Abundance

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

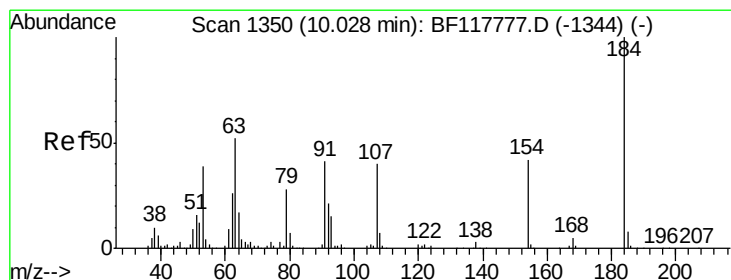
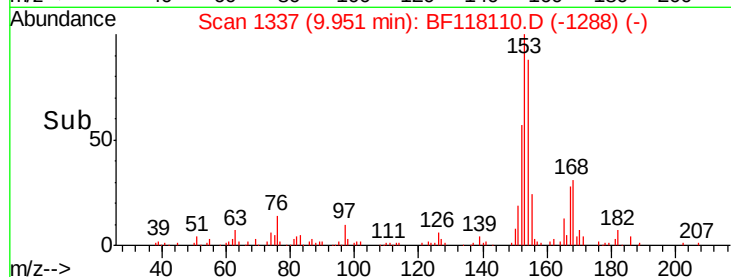
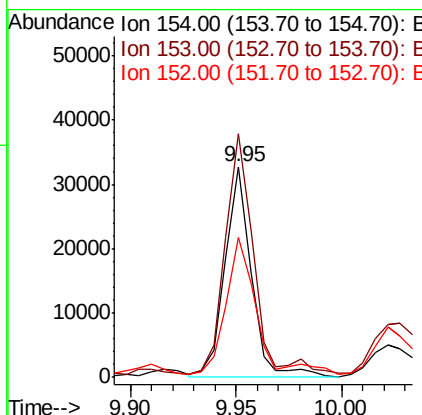
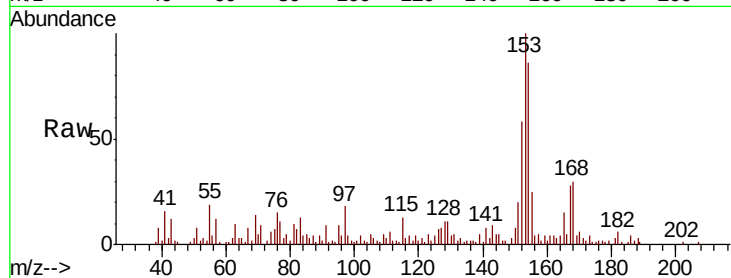




#52
Acenaphthene
Concen: 2.110 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

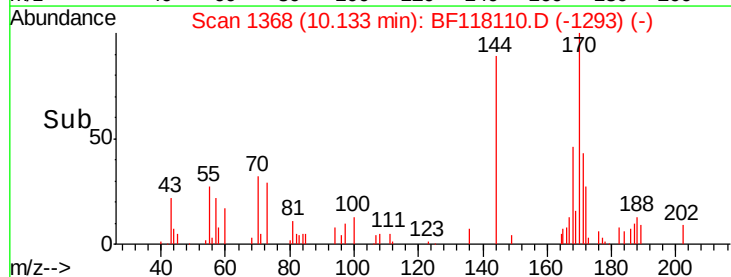
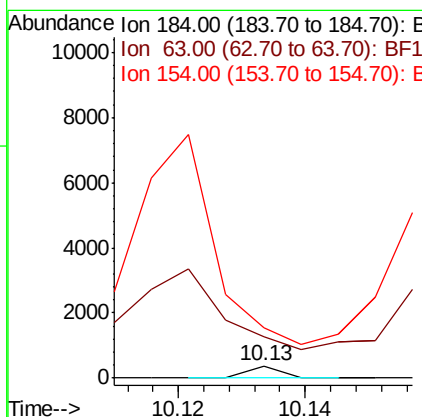
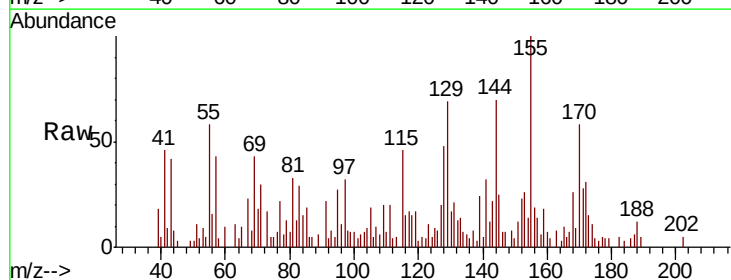
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

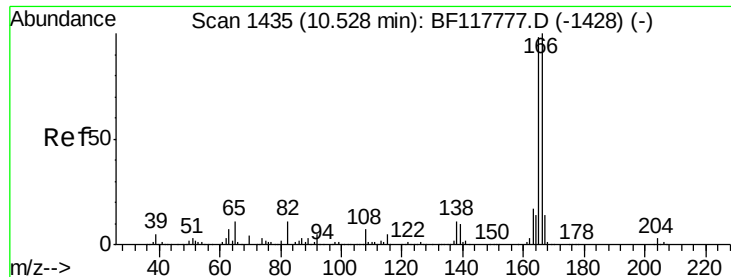
Tot Ion:154 Resp: 28386
Ion Ratio Lower Upper
154 100
153 115.7 91.2 136.8
152 66.5 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 7.291 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.14 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Tgt Ion:184 Resp: 135
Ion Ratio Lower Upper
184 100
63 330.0 45.3 67.9#
154 400.5 51.6 77.4#

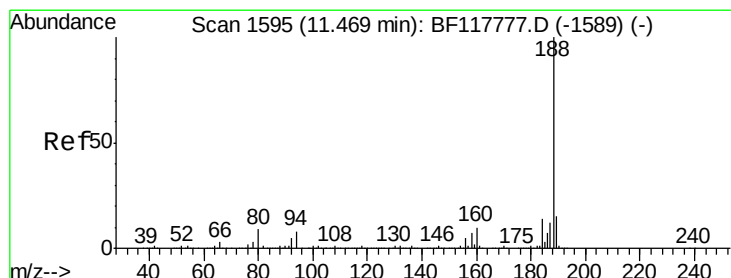
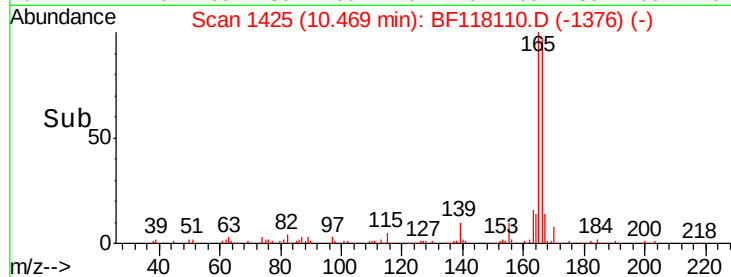
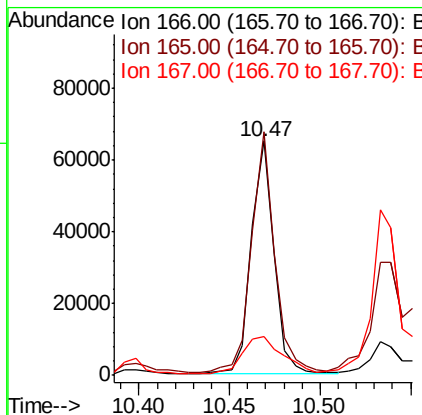
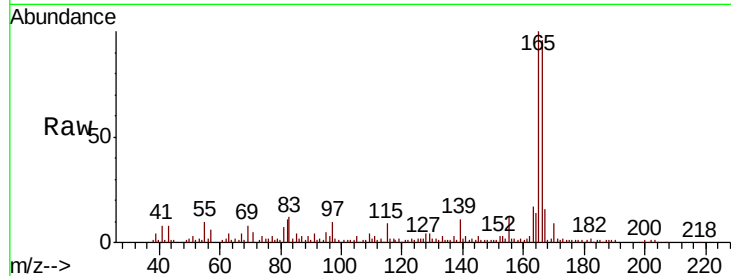




#58
 Fluorene
 Concen: 3.972 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118110.D
 Acq: 5 Dec 2019 18:33

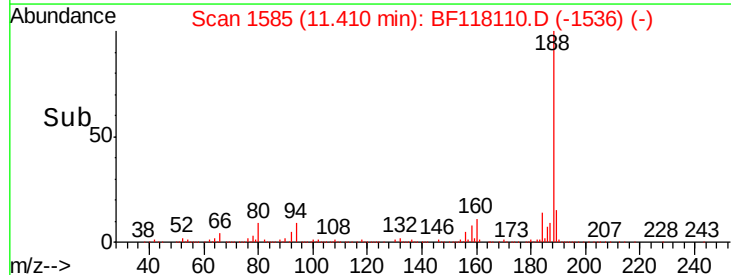
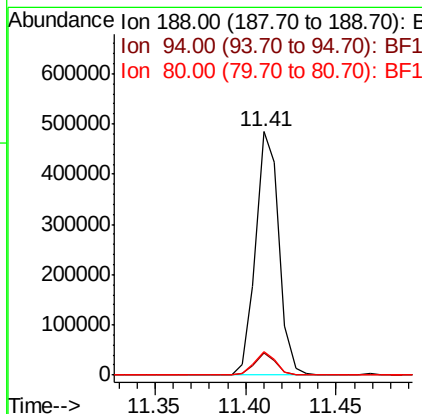
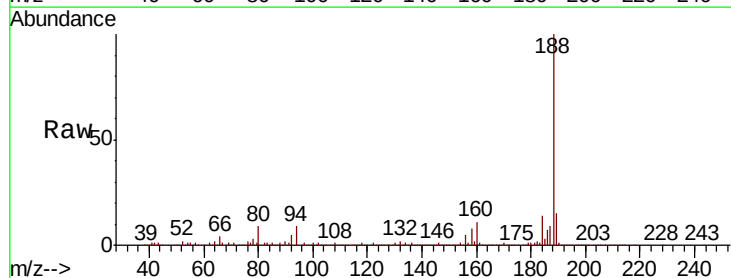
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

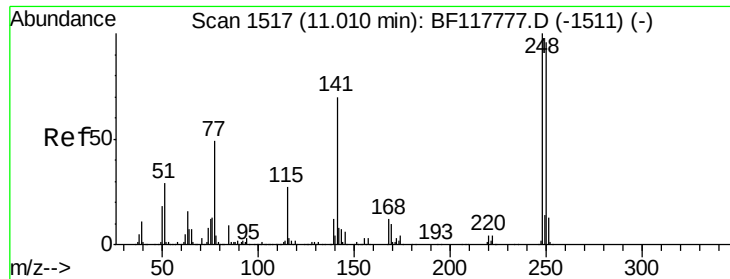
Tot Ion:166 Resp: 57346
 Ion Ratio Lower Upper
 166 100
 165 103.9 77.4 116.2
 167 16.5 10.7 16.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF118110.D
 Acq: 5 Dec 2019 18:33

Tgt Ion:188 Resp: 432891
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.6
 80 9.4 7.2 10.8

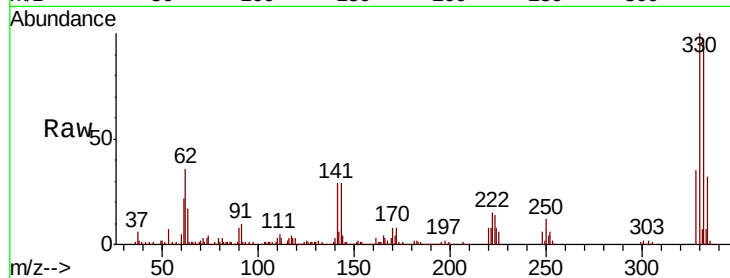




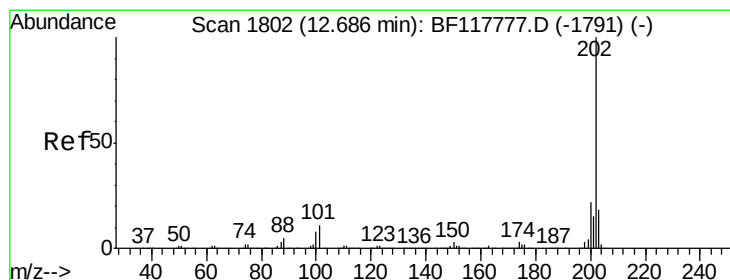
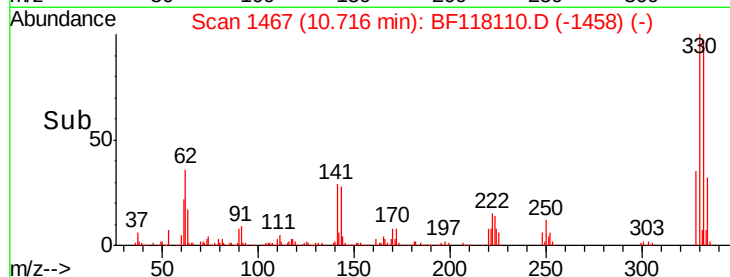
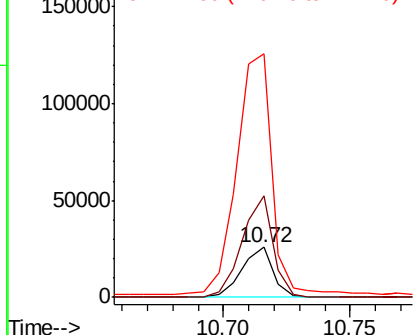
#67
4-Bromophenyl-phenylether
Concen: 4.785 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tot Ion:248 Resp: 22351
Ion Ratio Lower Upper
248 100
250 204.3 78.0 117.0#
141 488.1 64.0 96.0#

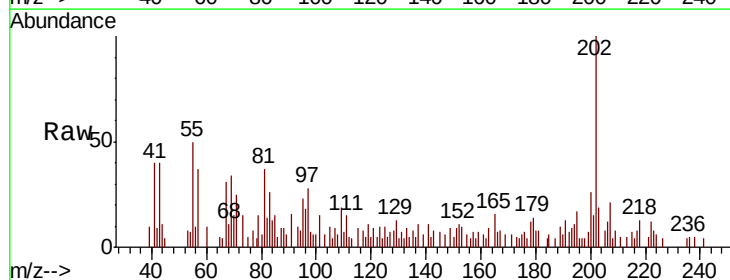


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

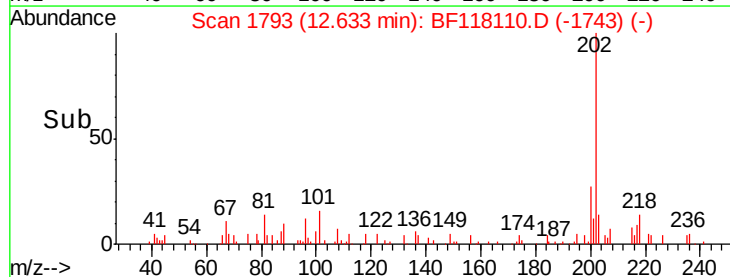
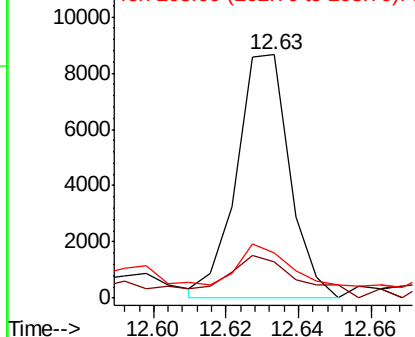


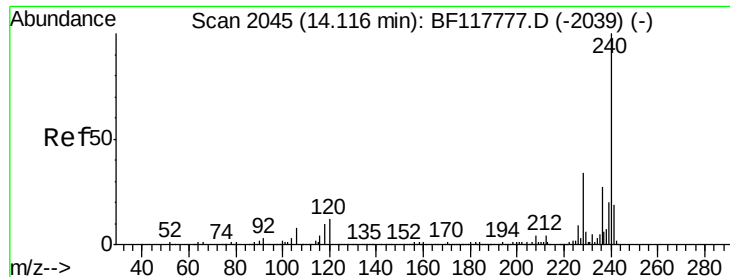
#75
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Tgt Ion:202 Resp: 8820
Ion Ratio Lower Upper
202 100
101 15.0 0.0 31.5
203 18.6 0.0 37.6



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

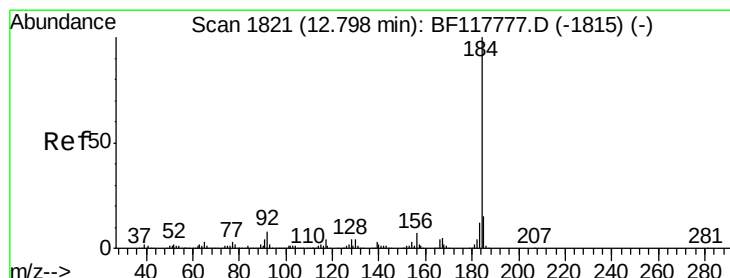
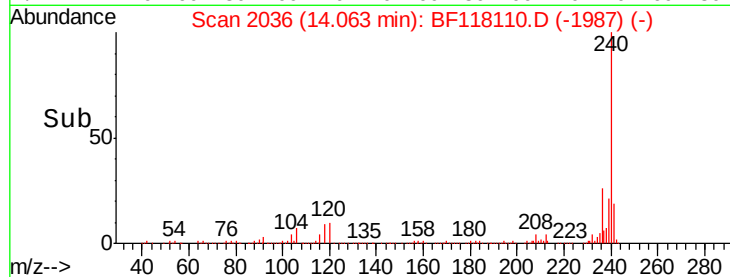
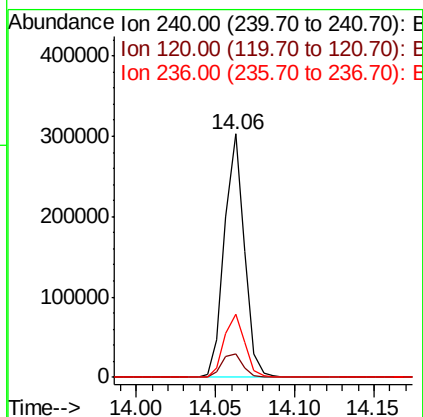
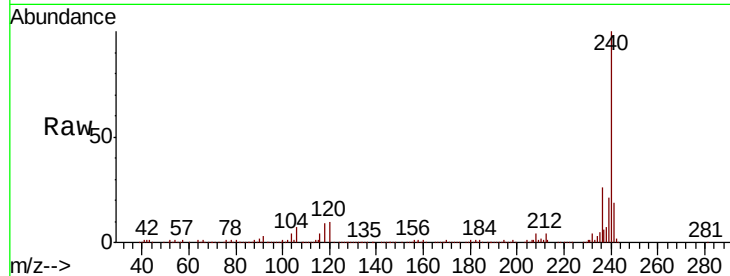




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

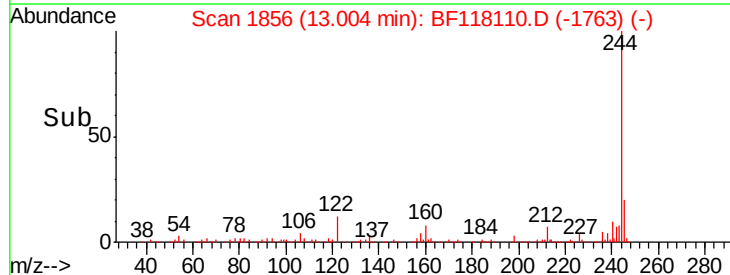
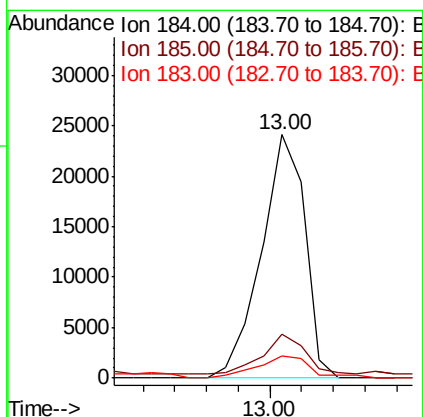
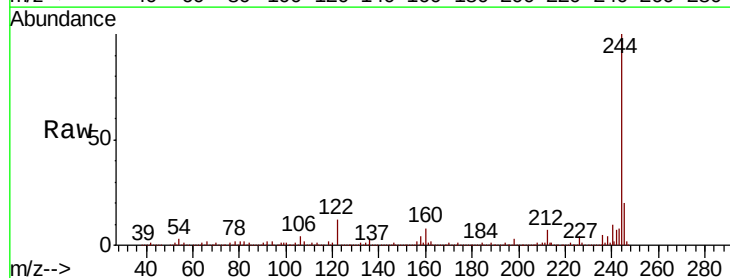
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

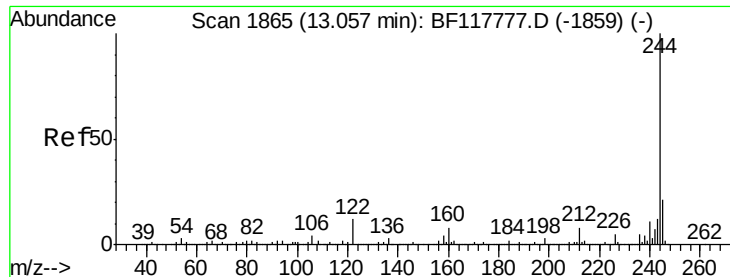
Tot Ion:240 Resp: 265221
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.9 20.6 31.0



#77
Benzidine
Concen: 2.653 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.25 min
Lab File: BF118110.D
Acq: 5 Dec 2019 18:33

Tgt Ion:184 Resp: 23045
Ion Ratio Lower Upper
184 100
185 18.0 11.6 17.4#
183 9.3 9.7 14.5#





#79

Terphenyl-d14

Concen: 111.459 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

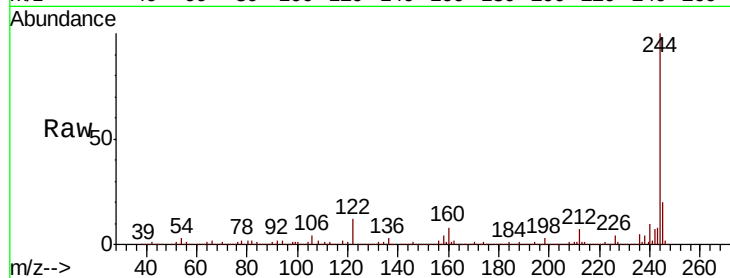
Tot Ion:244 Resp: 1617481

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

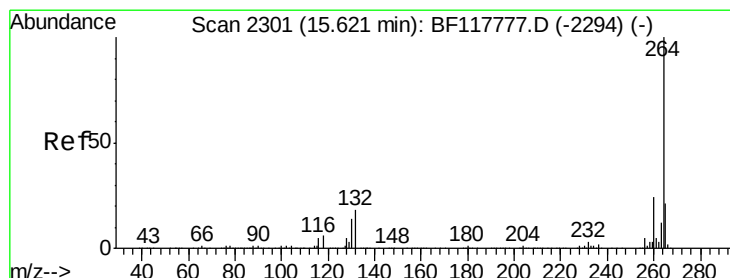
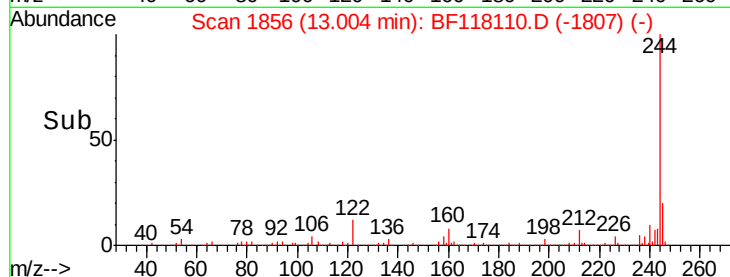
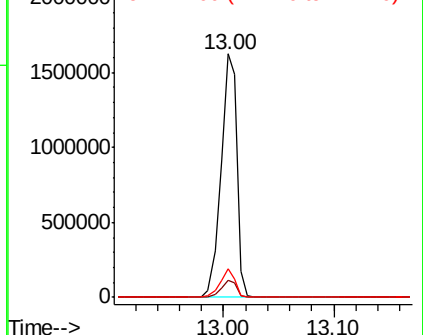
122 11.6 7.2 10.8#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF118110.D

Acq: 5 Dec 2019 18:33

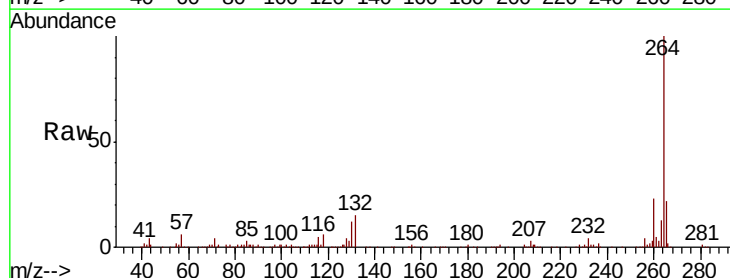
Tgt Ion:264 Resp: 248977

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.6 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

