

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
 Data File : BF118108.D
 Acq On : 5 Dec 2019 17:37
 Operator : JU
 Sample : K6098-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Quant Time: Dec 06 03:47:26 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

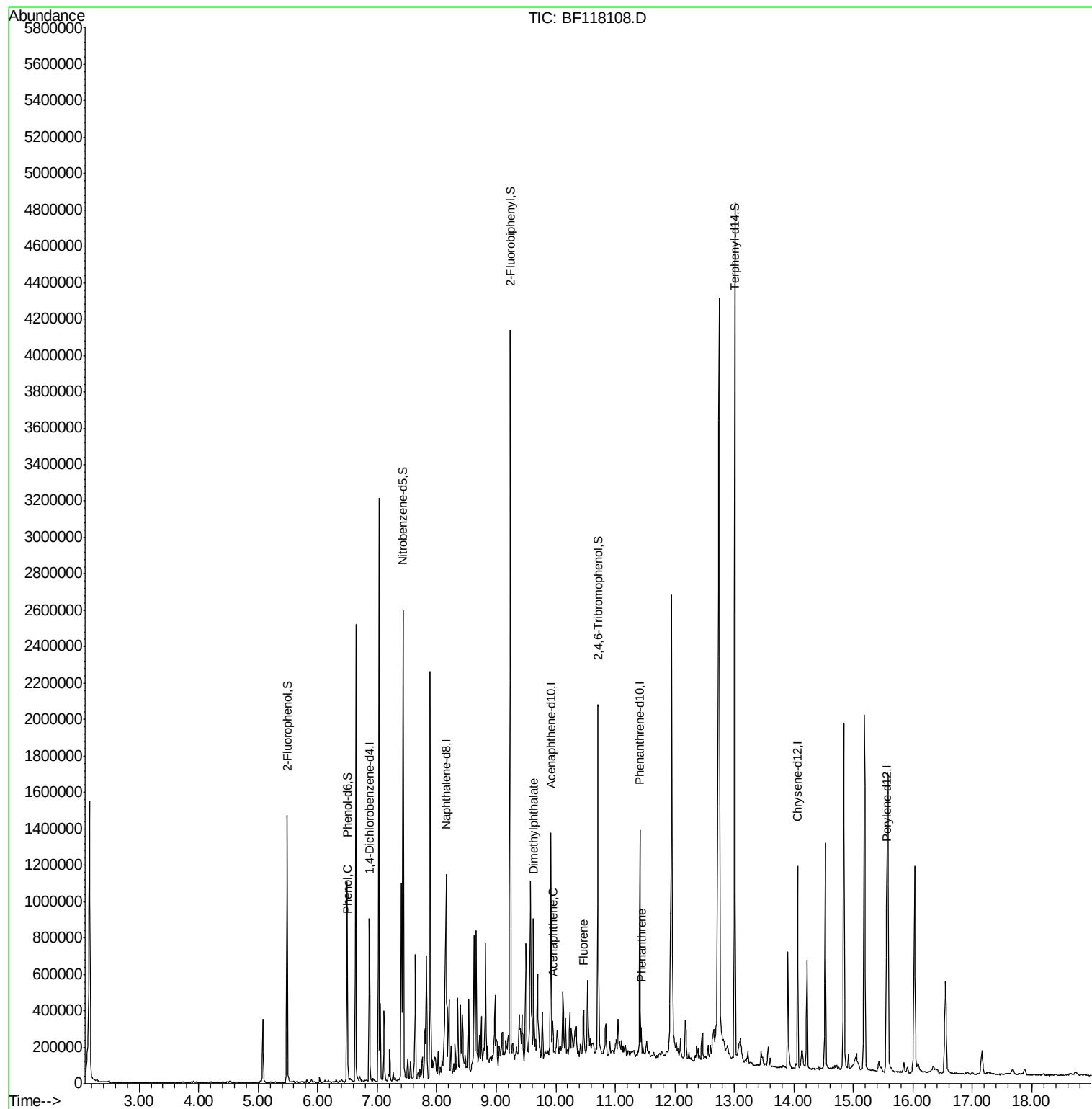
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122484	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	473894	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	250561	20.00	ng	-0.02
64) Phenanthrene-d10	11.41	188	480937	20.00	ng	-0.01
76) Chrysene-d12	14.06	240	328885	20.00	ng	-0.01
87) Perylene-d12	15.56	264	298338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	401011	57.95	ng	0.00
7) Phenol-d6	6.49	99	352185	42.20	ng	-0.02
23) Nitrobenzene-d5	7.43	82	700058	87.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	251395	94.77	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1434506	102.71	ng	0.00
79) Terphenyl-d14	13.01	244	1740899	96.74	ng	0.00
Target Compounds						
10) Phenol	6.50	94	23109	2.665	ng	91
50) Dimethylphthalate	9.63	163	314805	17.917	ng	98
52) Acenaphthene	9.95	154	37550	2.629	ng	97
58) Fluorene	10.47	166	62103	4.052	ng	98
71) Phenanthrene	11.43	178	55818	2.308	ng	98

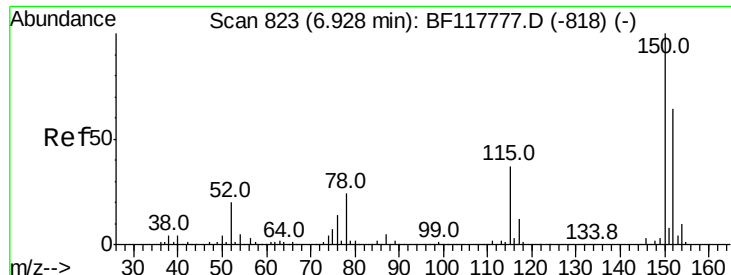
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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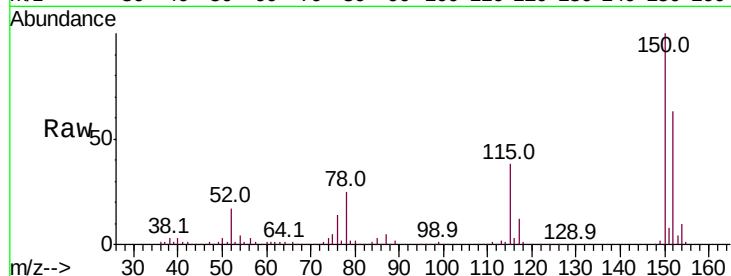


#1

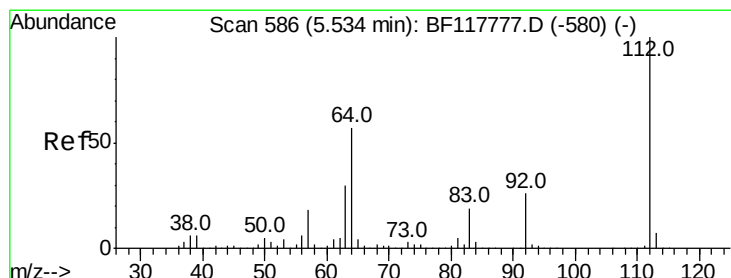
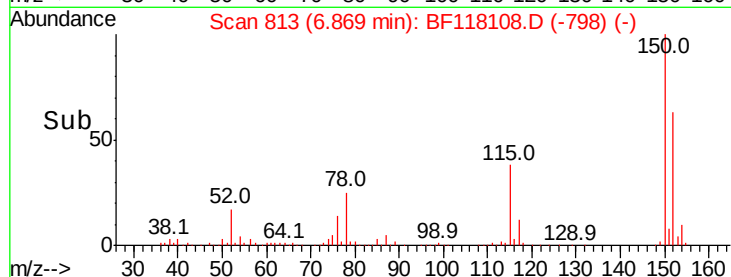
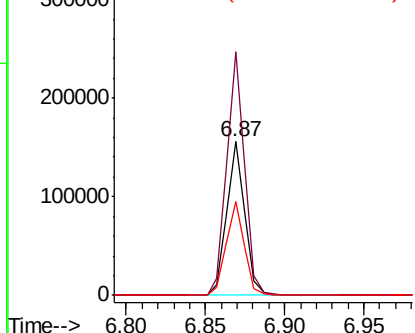
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Tot Ion:152 Resp: 122484
 Ion Ratio Lower Upper
 152 100
 150 158.1 121.4 182.2
 115 60.8 48.8 73.2



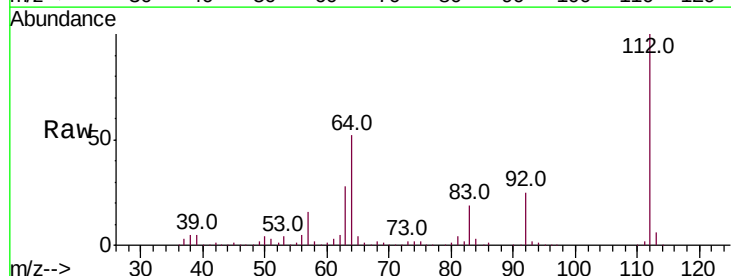
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



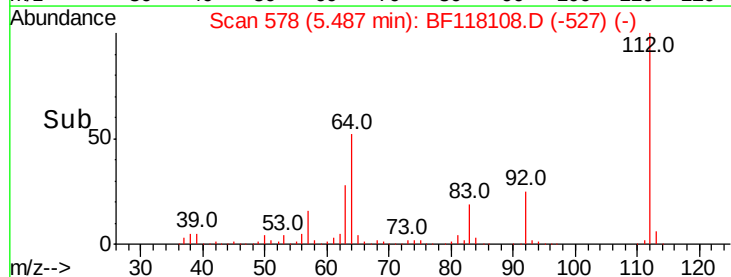
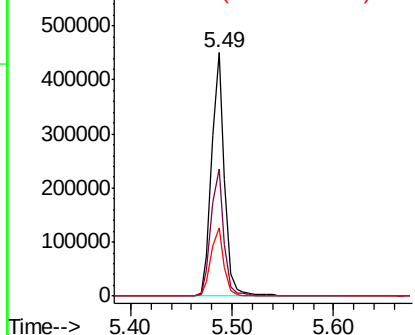
#5

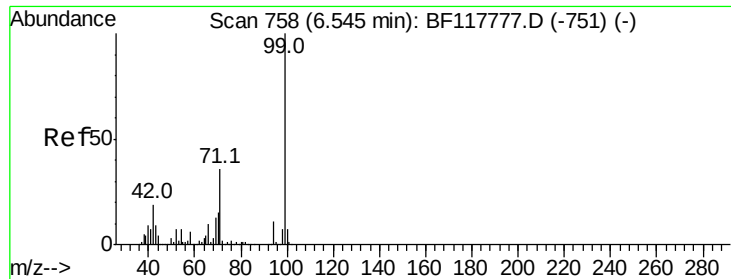
2-Fluorophenol
 Concen: 57.953 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

Tgt Ion:112 Resp: 401011
 Ion Ratio Lower Upper
 112 100
 64 52.0 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: 42.197 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118108.D

Acq: 5 Dec 2019 17:37

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

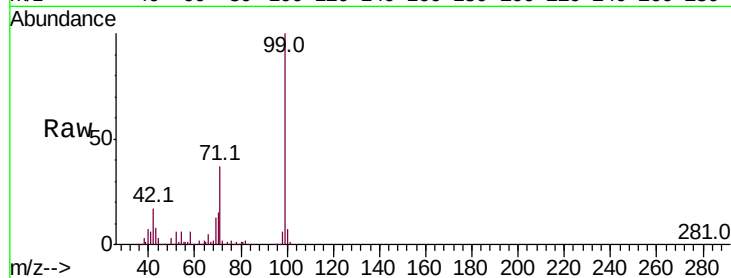
Tot Ion: 99 Resp: 352185

Ion Ratio Lower Upper

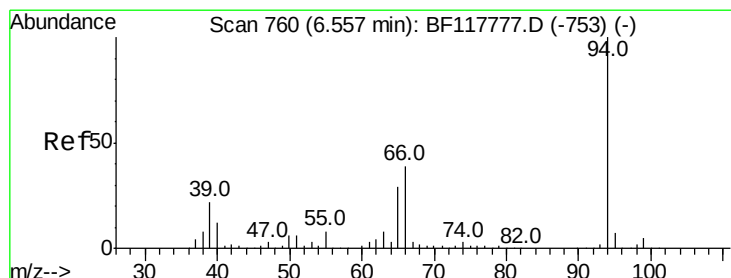
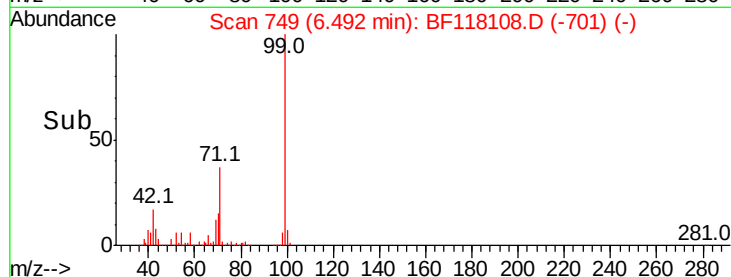
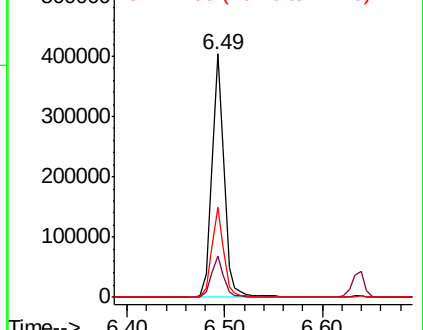
99 100

42 16.8 14.0 21.0

71 36.8 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



#10

Phenol

Concen: 2.665 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118108.D

Acq: 5 Dec 2019 17:37

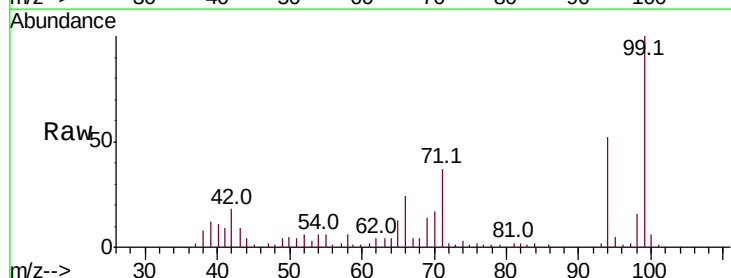
Tgt Ion: 94 Resp: 23109

Ion Ratio Lower Upper

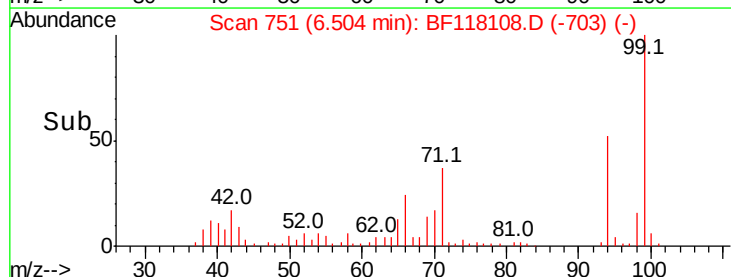
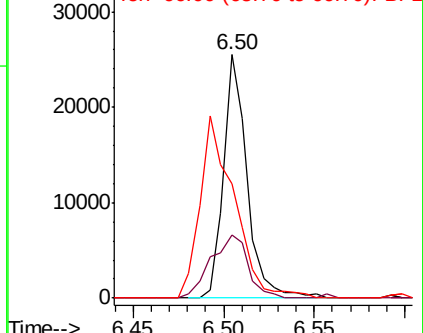
94 100

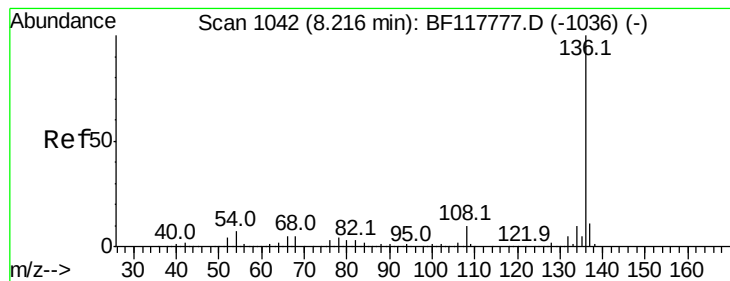
65 25.7 6.9 46.9

66 47.0 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118108.D

Acq: 5 Dec 2019 17:37

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

Tot Ion:136 Resp: 473894

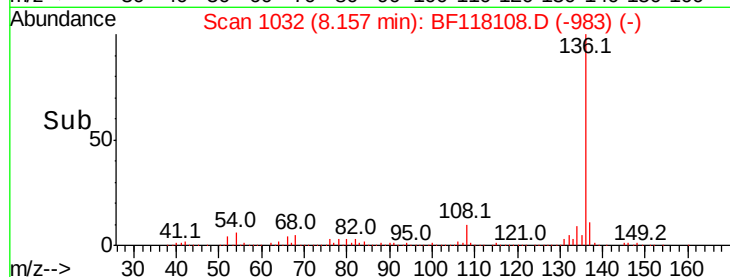
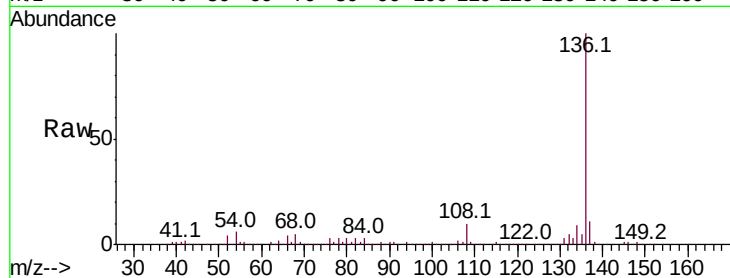
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.2 4.9 7.3

68 4.7 3.6 5.4

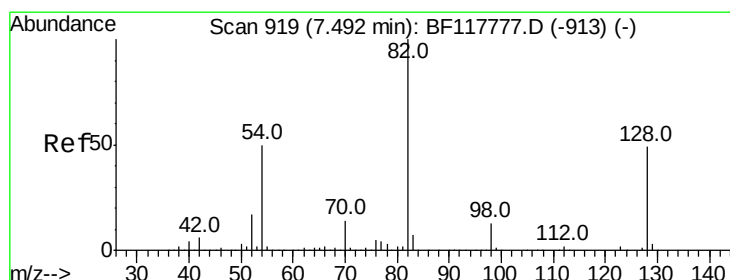
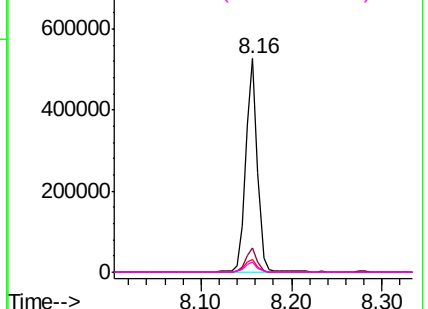


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 87.816 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118108.D

Acq: 5 Dec 2019 17:37

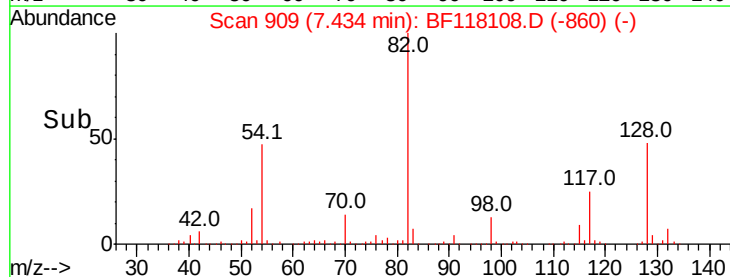
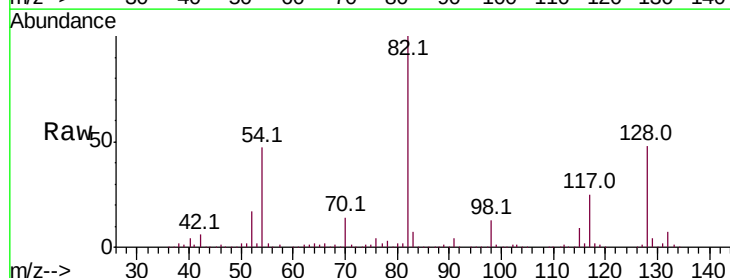
Tgt Ion: 82 Resp: 700058

Ion Ratio Lower Upper

82 100

128 48.1 38.2 57.4

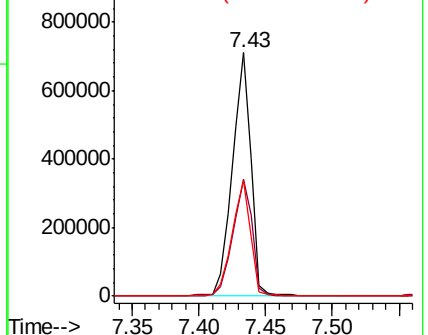
54 47.4 39.0 58.4

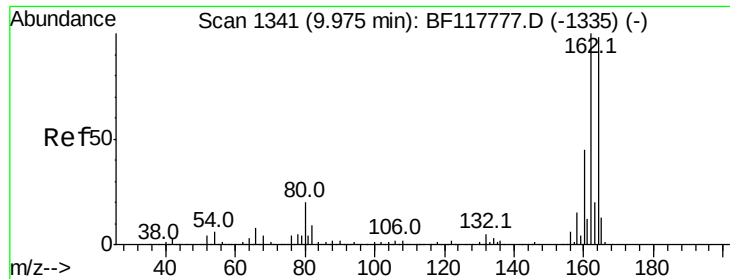


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

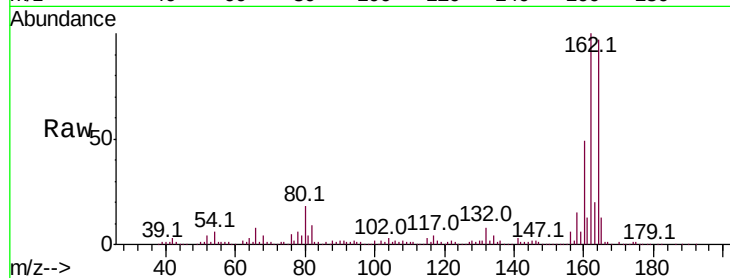




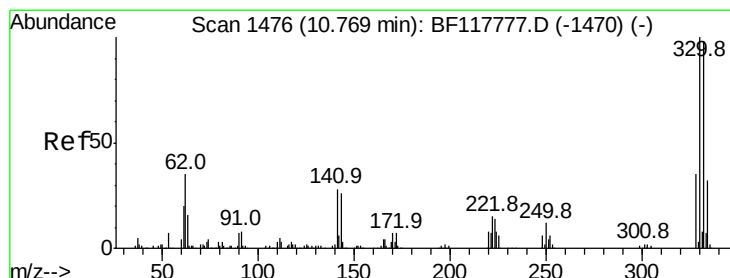
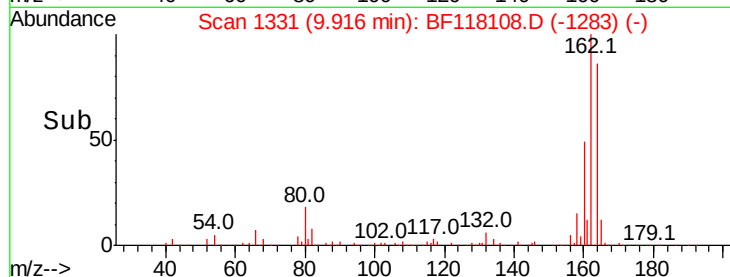
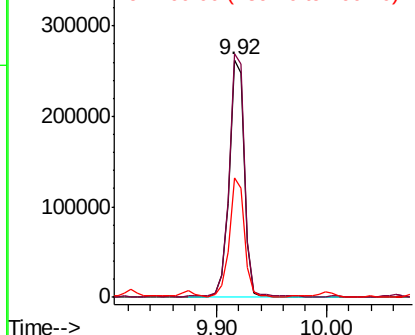
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.8
160	50.4	35.9	53.9

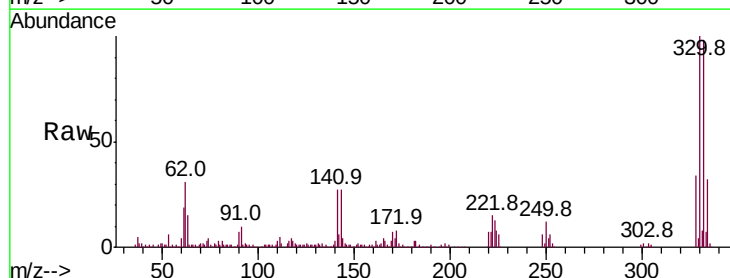


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

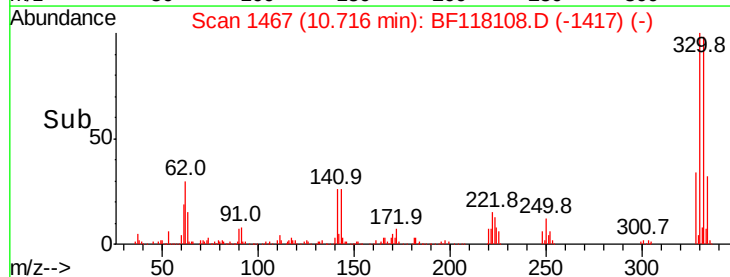
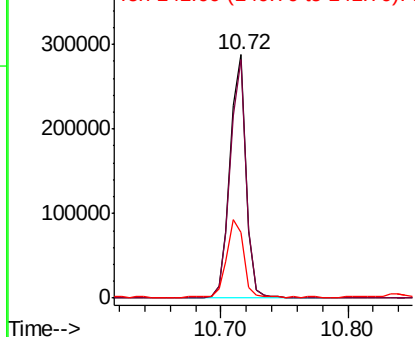


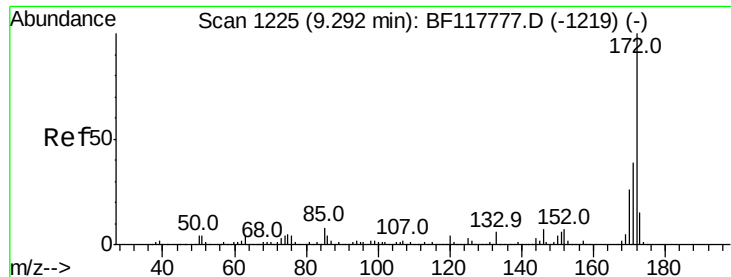
#42
 2,4,6-Tribromophenol
 Concen: 94.771 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	34.1	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

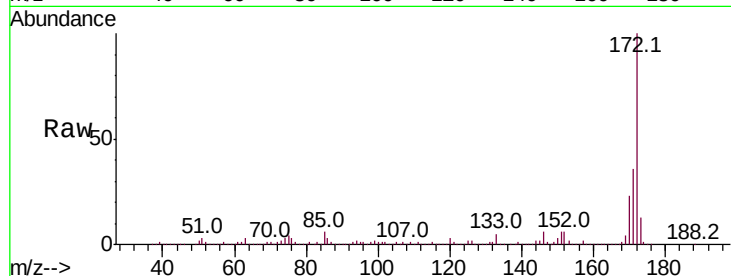




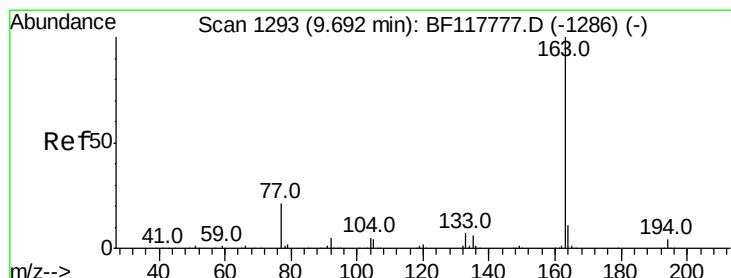
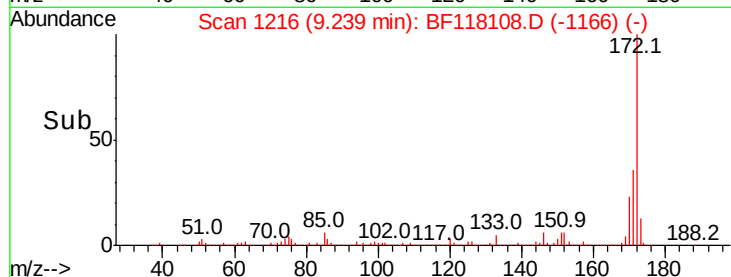
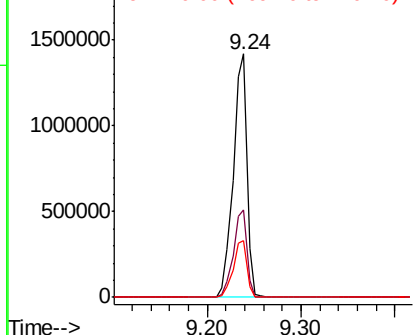
#45
2-Fluorobiphenyl
Concen: 102.712 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tot Ion:172 Resp: 1434506
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.3 19.3 28.9

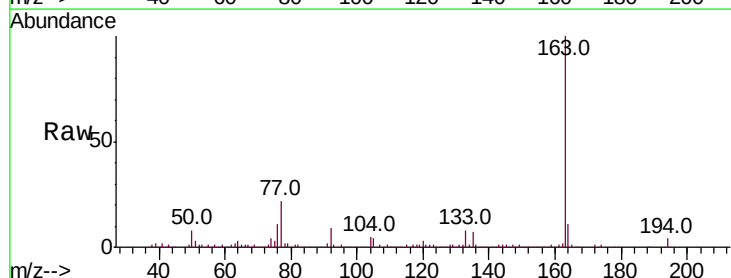


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

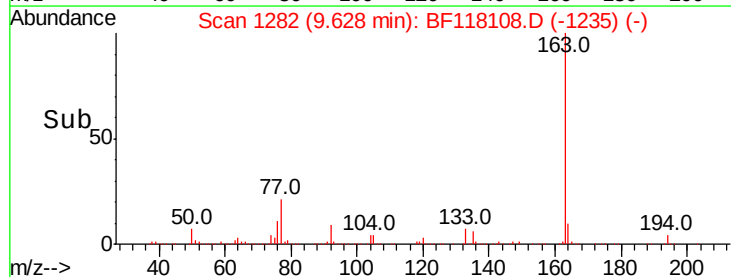
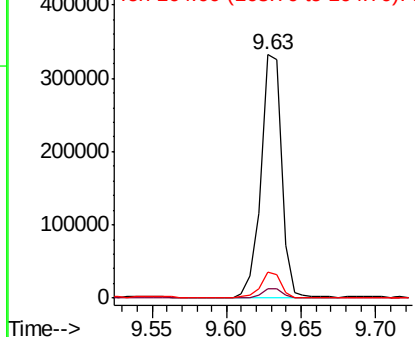


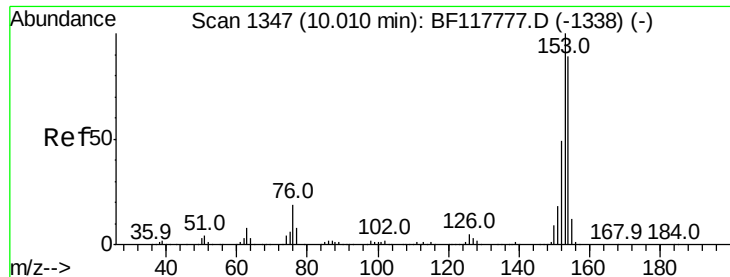
#50
Dimethylphthalate
Concen: 17.917 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:163 Resp: 314805
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 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: 2.629 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118108.D

Acq: 5 Dec 2019 17:37

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

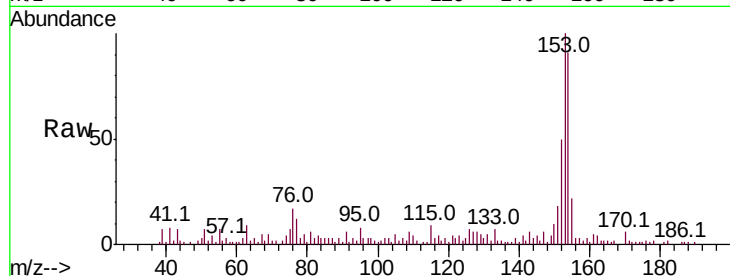
Tot Ion:154 Resp: 37550

Ion Ratio Lower Upper

154 100

153 109.8 91.2 136.8

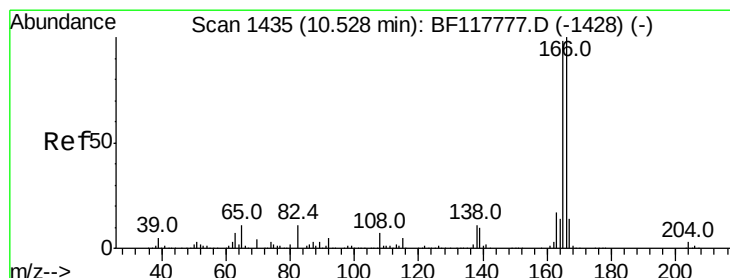
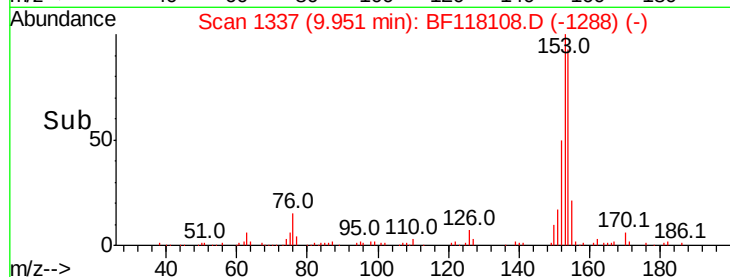
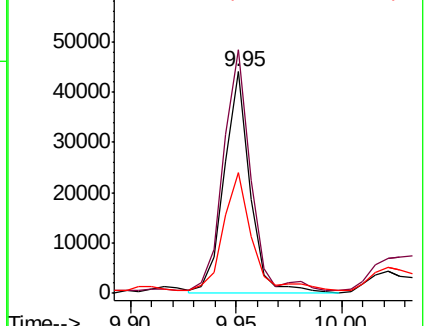
152 54.7 43.6 65.4



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



#58

Fluorene

Concen: 4.052 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118108.D

Acq: 5 Dec 2019 17:37

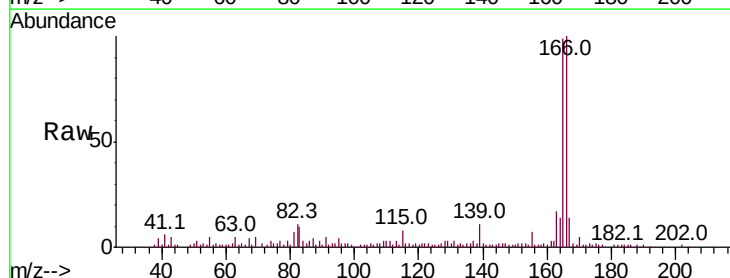
Tgt Ion:166 Resp: 62103

Ion Ratio Lower Upper

166 100

165 99.0 77.4 116.2

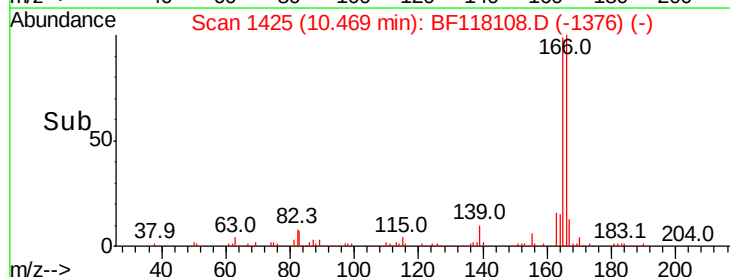
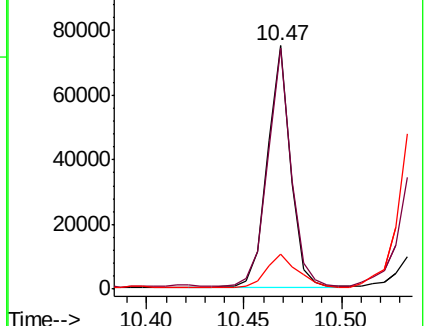
167 14.1 10.7 16.1

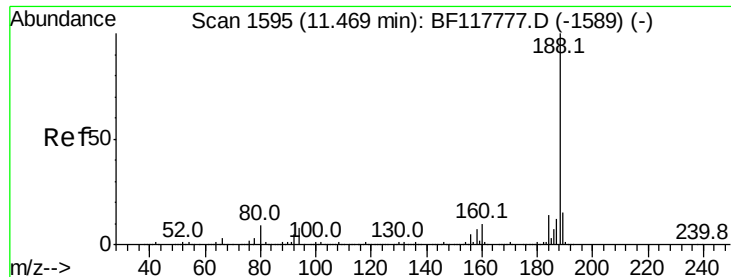


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

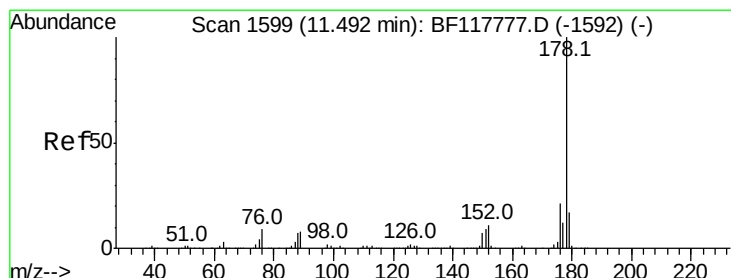
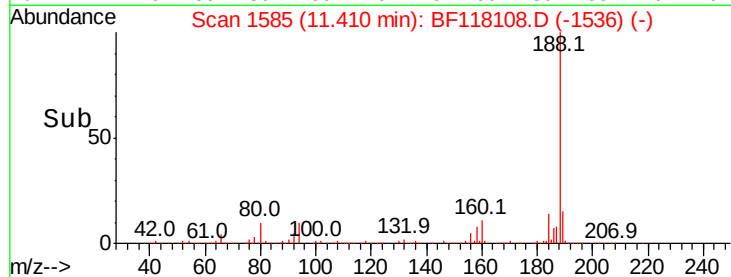
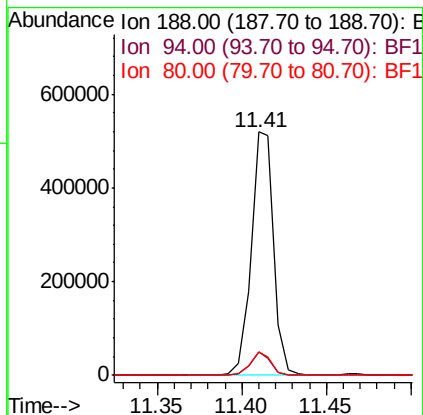
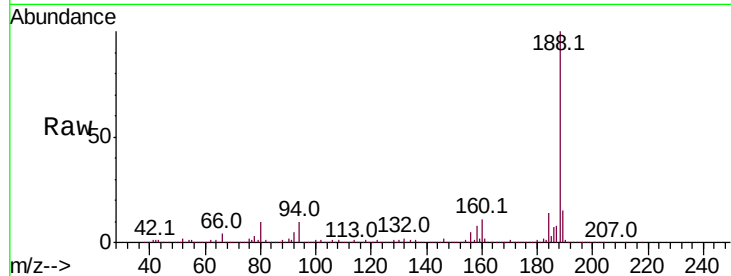




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

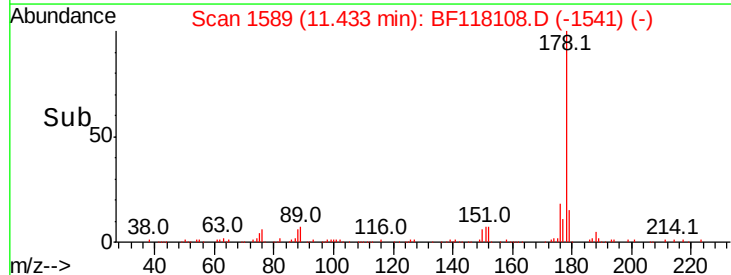
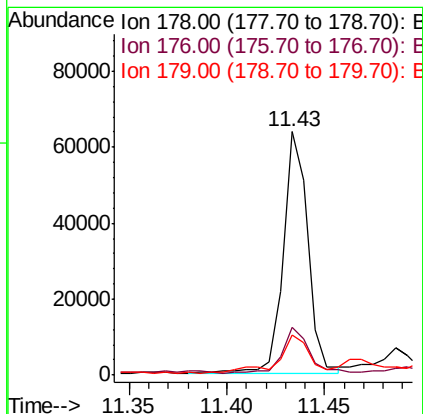
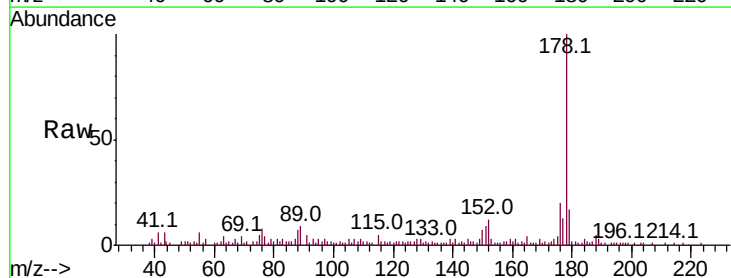
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

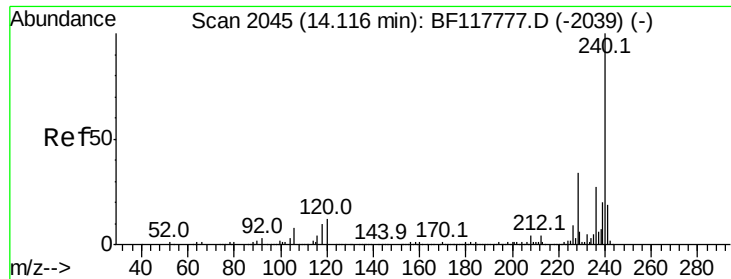
Tot Ion:188 Resp: 480937
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.6
 80 9.7 7.2 10.8



#71
 Phenanthrene
 Concen: 2.308 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

Tgt Ion:178 Resp: 55818
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.6 12.3 18.5

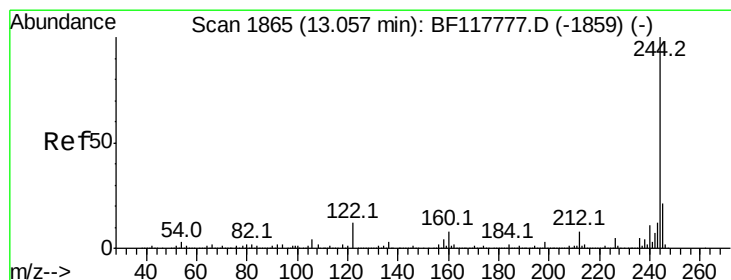
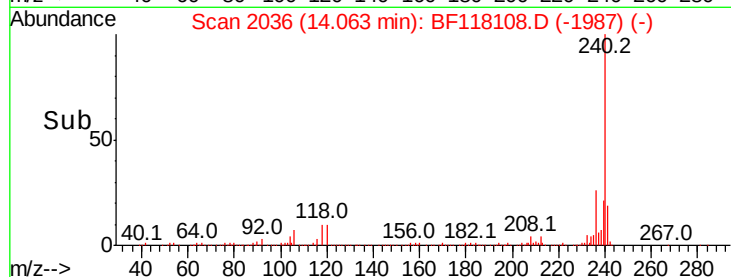
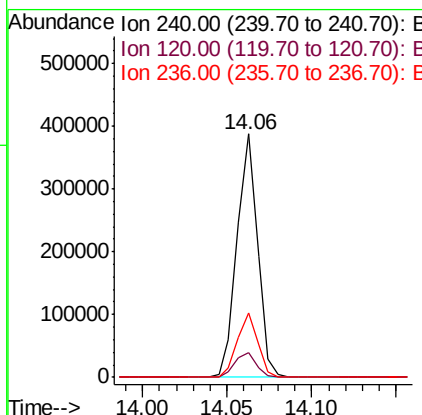
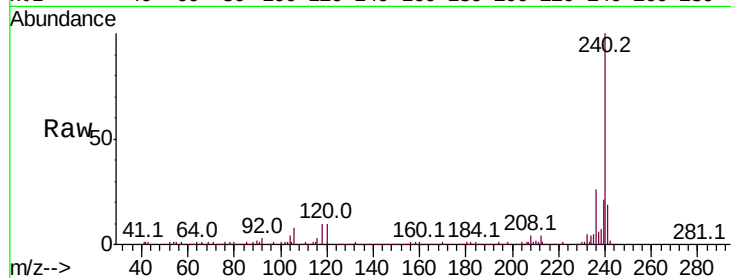




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

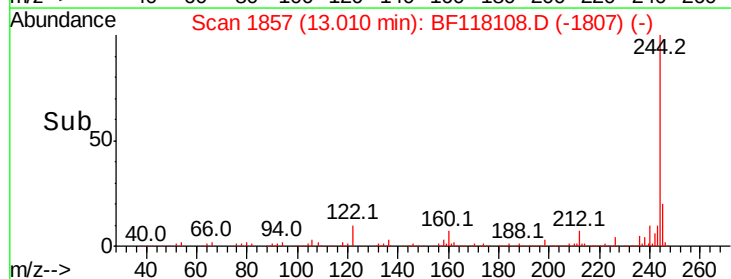
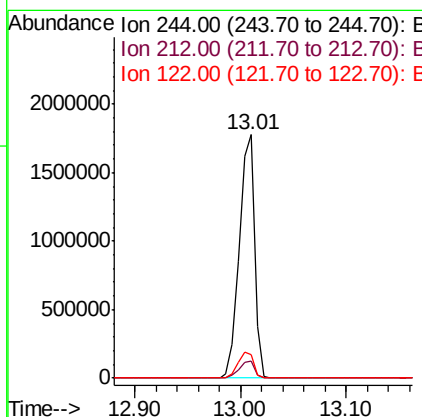
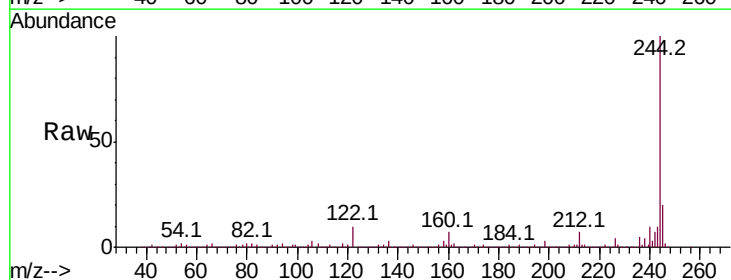
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

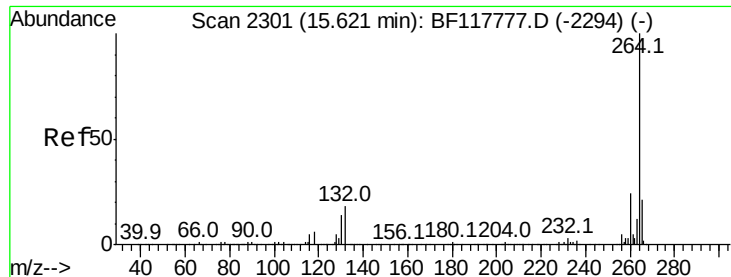
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	26.2	20.6	31.0



#79
 Terphenyl-d14
 Concen: 96.742 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BF118108.D
 Acq: 5 Dec 2019 17:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	9.8	7.2	10.8

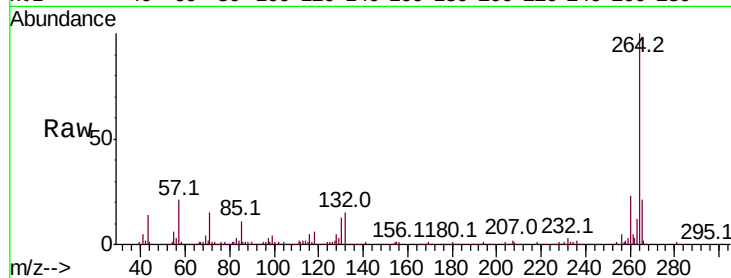




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	21.3	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

