

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118098.D
 Acq On : 4 Dec 2019 20:47
 Operator : JU
 Sample : K6098-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Quant Time: Dec 05 02:46:56 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

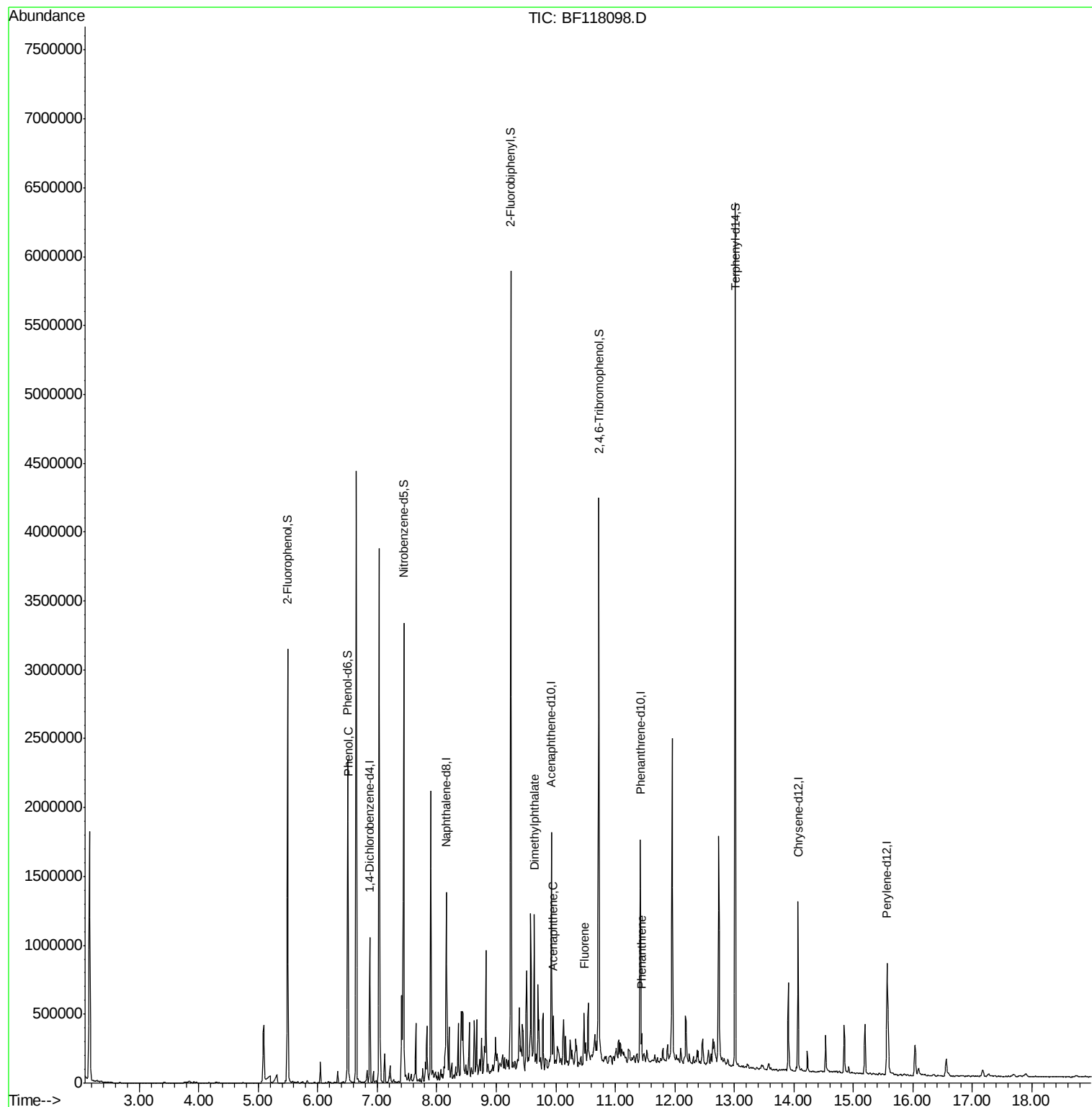
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145868	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	573791	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	305655	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	577529	20.00	ng	0.00
76) Chrysene-d12	14.07	240	411867	20.00	ng	0.00
87) Perylene-d12	15.57	264	352679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	920891	111.75	ng	0.01
7) Phenol-d6	6.50	99	844715	84.99	ng	0.00
23) Nitrobenzene-d5	7.45	82	919597	95.27	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	545189	168.48	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1754125	102.96	ng	0.00
79) Terphenyl-d14	13.02	244	2259011	100.24	ng	0.00
Target Compounds						
10) Phenol	6.52	94	145581	14.095	ng	99
50) Dimethylphthalate	9.64	163	412819	19.260	ng	99
52) Acenaphthene	9.96	154	59724	3.428	ng	99
58) Fluorene	10.47	166	88981	4.759	ng	96
71) Phenanthrene	11.45	178	67613	2.329	ng	99

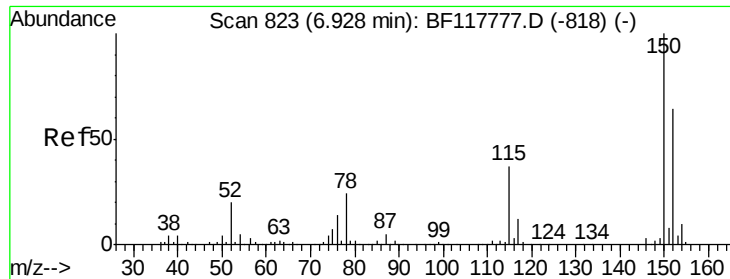
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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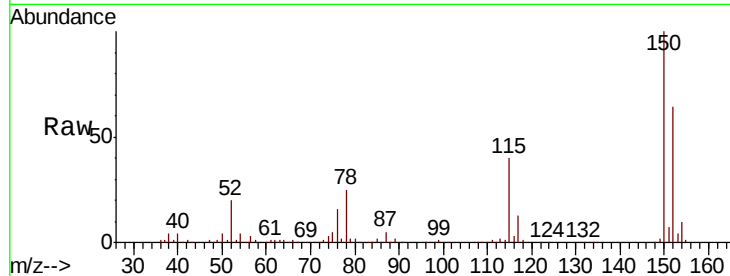


#1

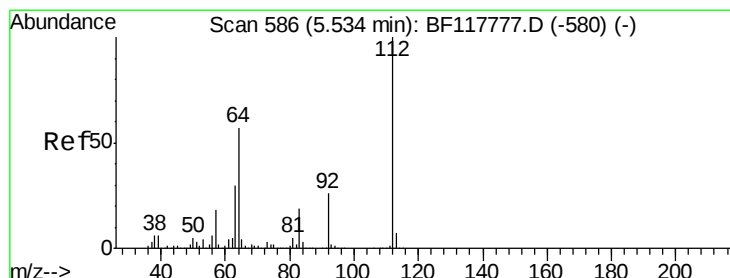
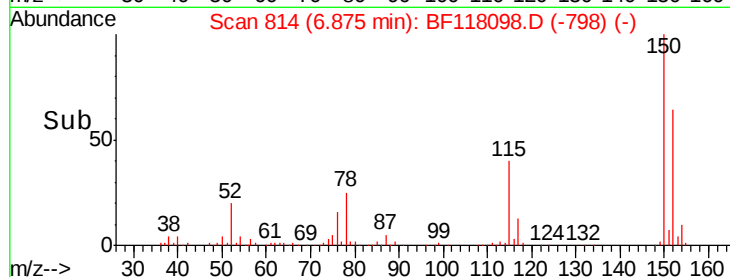
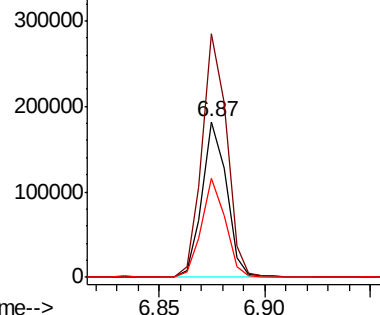
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tot Ion:152 Resp: 145868
Ion Ratio Lower Upper
152 100
150 156.5 121.4 182.2
115 63.3 48.8 73.2



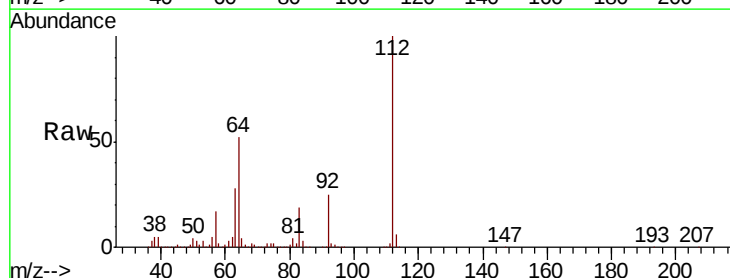
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



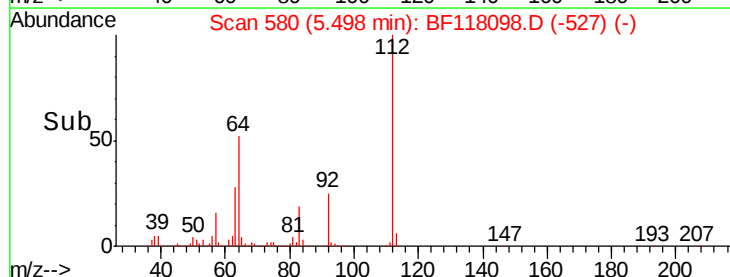
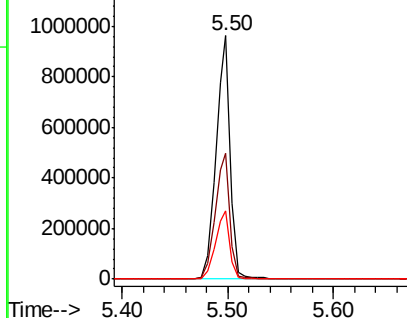
#5

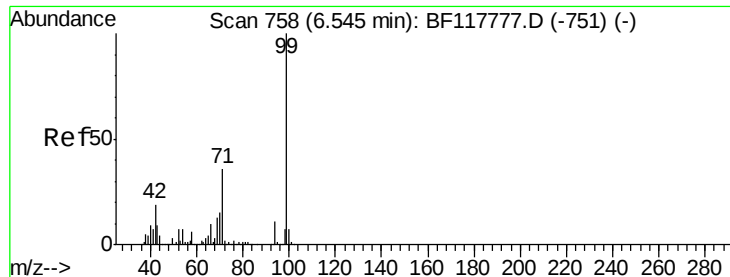
2-Fluorophenol
Concen: 111.750 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Tgt Ion:112 Resp: 920891
Ion Ratio Lower Upper
112 100
64 51.7 45.1 67.7
63 28.2 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: 84.985 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118098.D

Acq: 4 Dec 2019 20:47

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

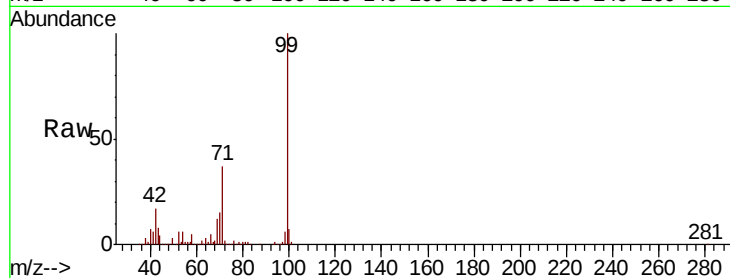
Tot Ion: 99 Resp: 844715

Ion Ratio Lower Upper

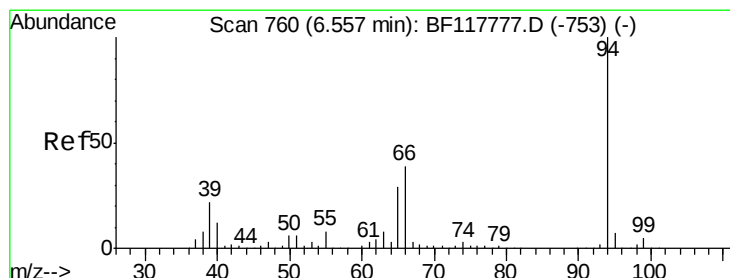
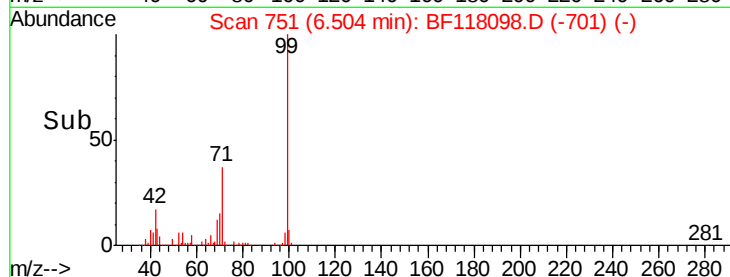
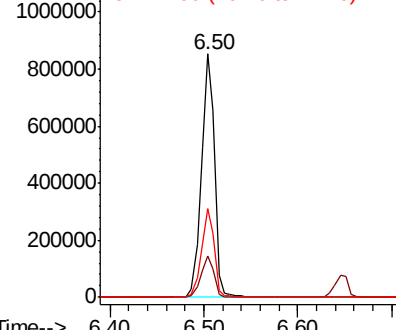
99 100

42 17.1 14.0 21.0

71 36.5 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: 14.095 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118098.D

Acq: 4 Dec 2019 20:47

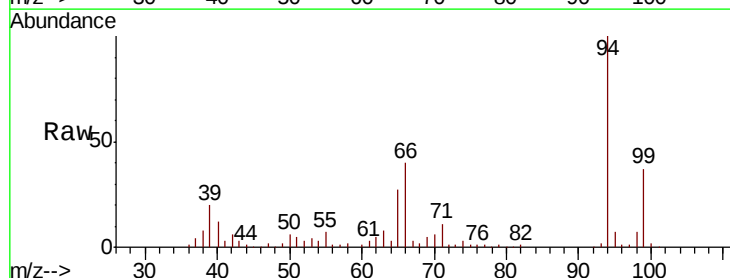
Tgt Ion: 94 Resp: 145581

Ion Ratio Lower Upper

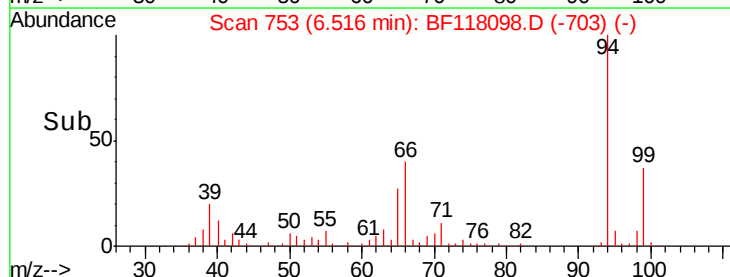
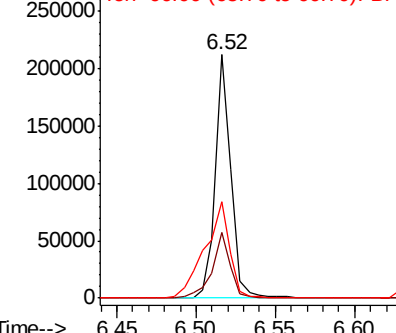
94 100

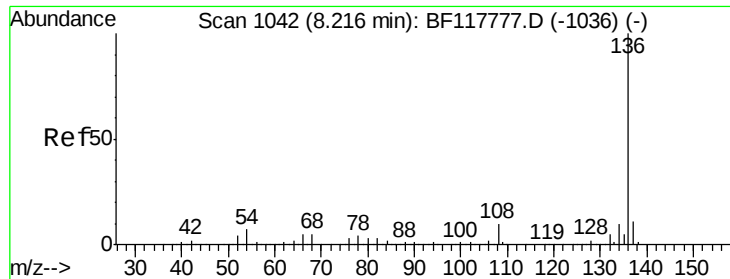
65 27.2 6.9 46.9

66 39.5 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

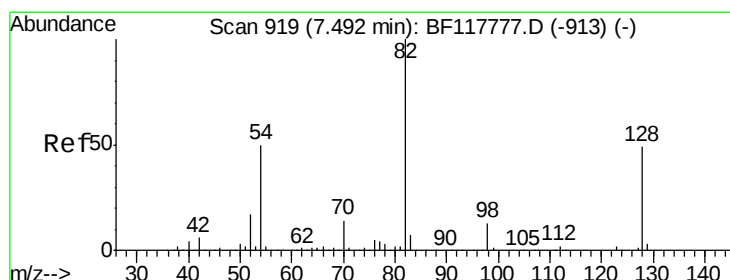
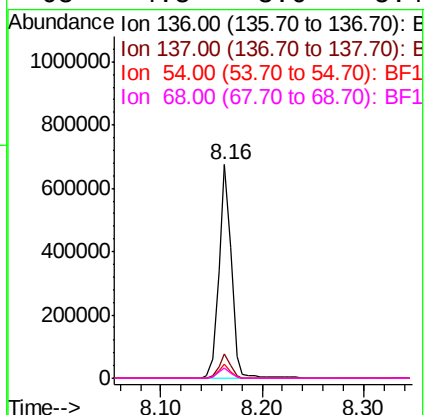
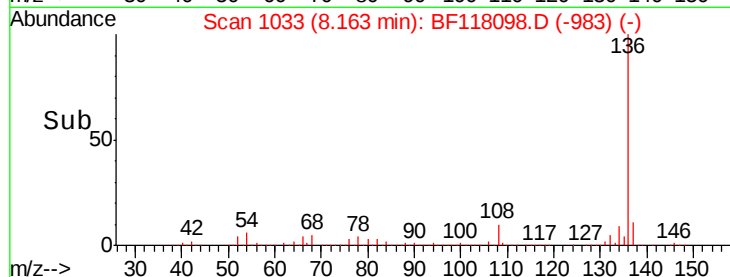
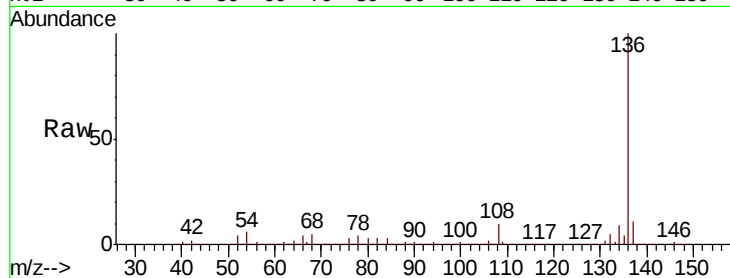




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

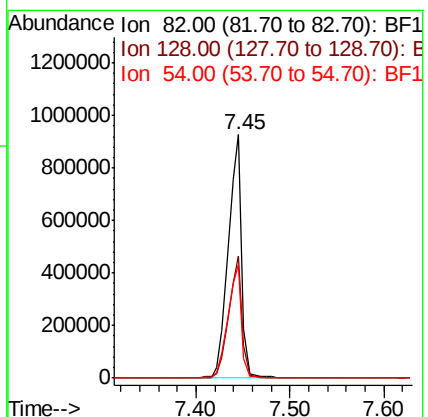
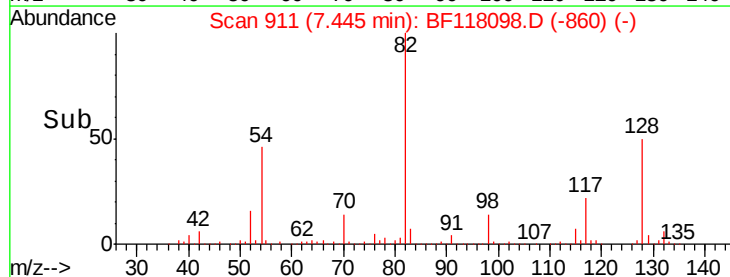
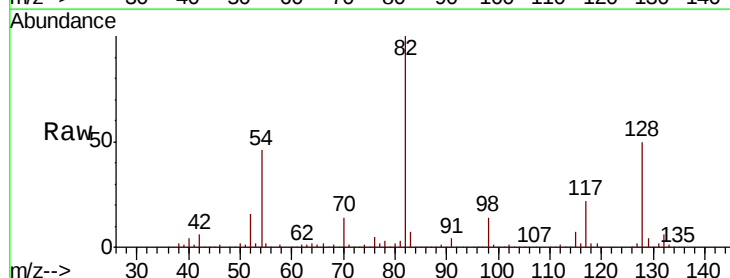
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

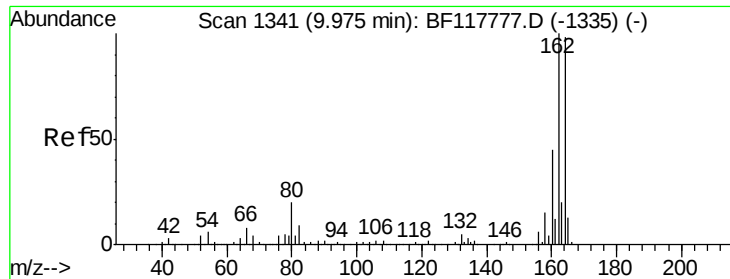
Tot Ion:136	Resp:	573791
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.1 13.7
54	6.3	4.9 7.3
68	4.8	3.6 5.4



#23
Nitrobenzene-d5
Concen: 95.272 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Tgt Ion: 82	Resp:	919597
Ion	Ratio	Lower Upper
82	100	
128	50.2	38.2 57.4
54	46.3	39.0 58.4

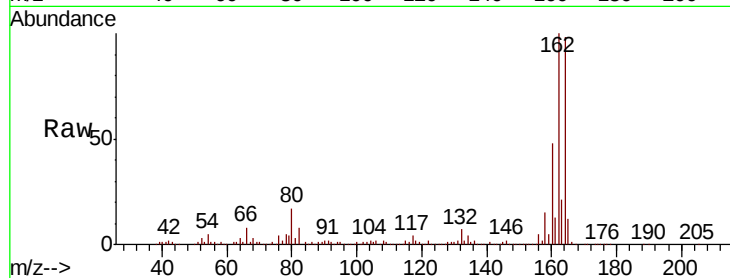




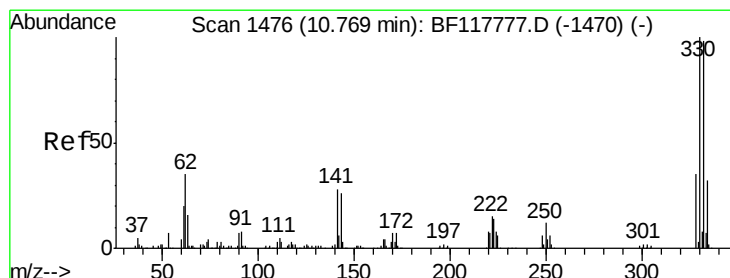
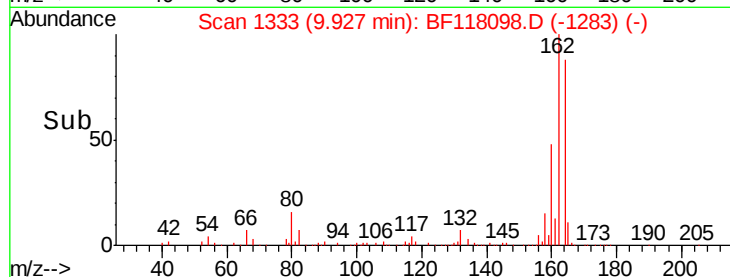
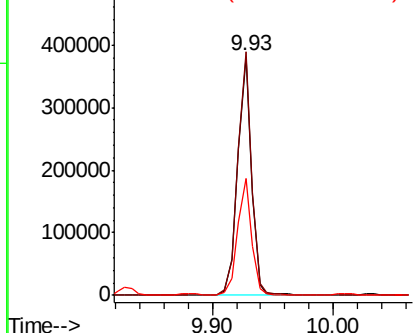
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118098.D
 Acq: 4 Dec 2019 20:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Tot Ion:164 Resp: 305655
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.8
 160 48.8 35.9 53.9

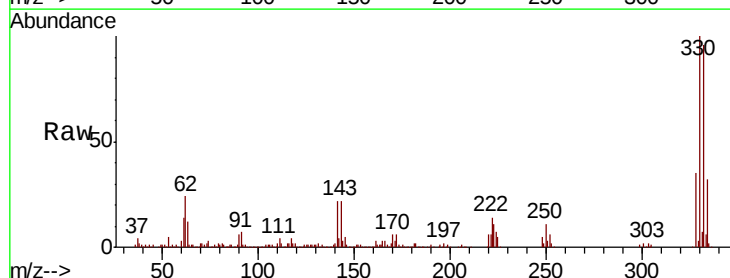


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

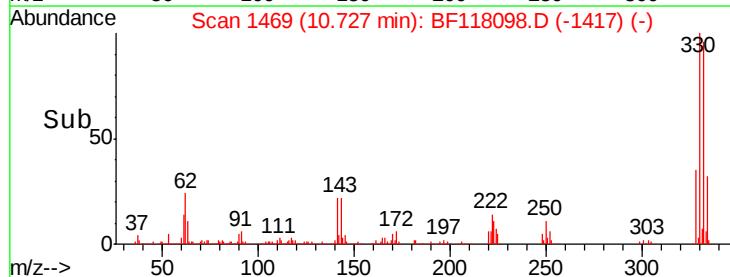
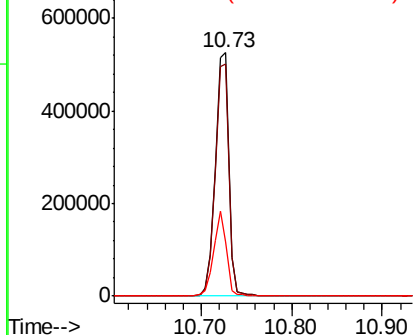


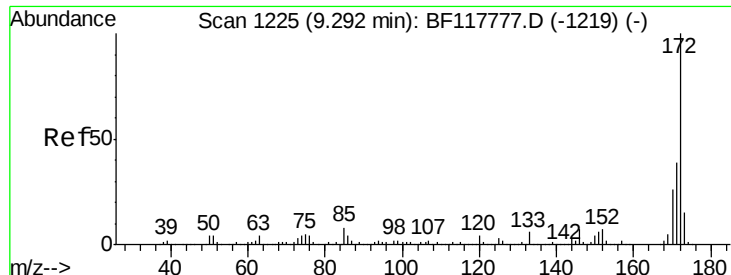
#42
 2,4,6-Tribromophenol
 Concen: 168.479 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF118098.D
 Acq: 4 Dec 2019 20:47

Tgt Ion:330 Resp: 545189
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.3 117.5
 141 32.3 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

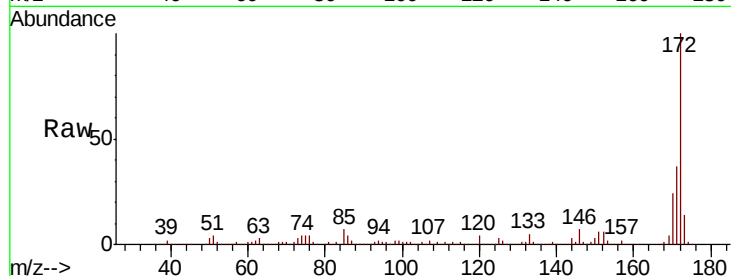




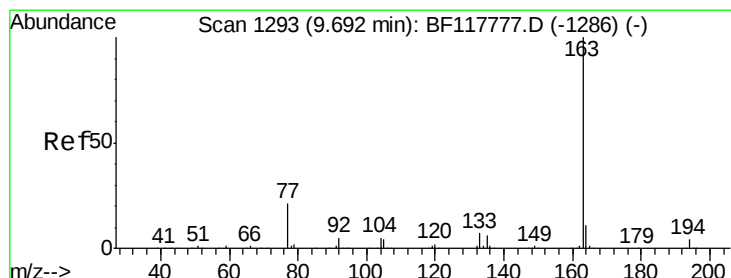
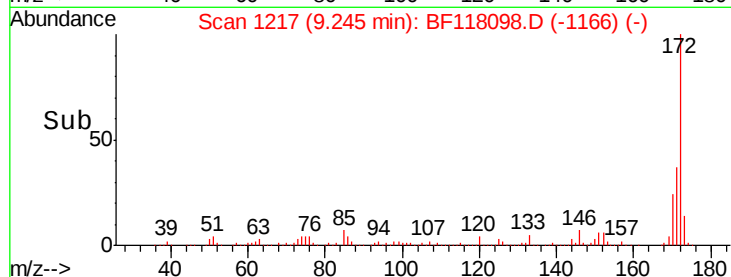
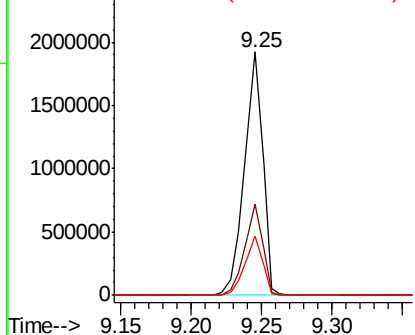
#45
2-Fluorobiphenyl
Concen: 102.958 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tot Ion:172 Resp: 1754125
Ion Ratio Lower Upper
172 100
171 37.3 29.2 43.8
170 24.4 19.3 28.9

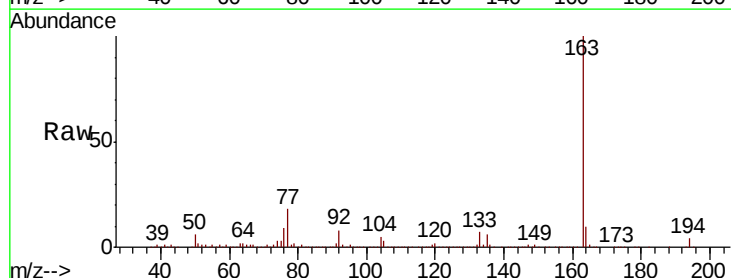


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

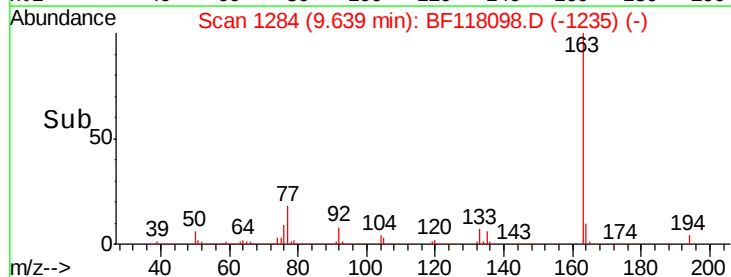
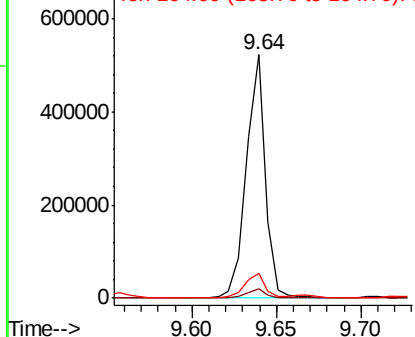


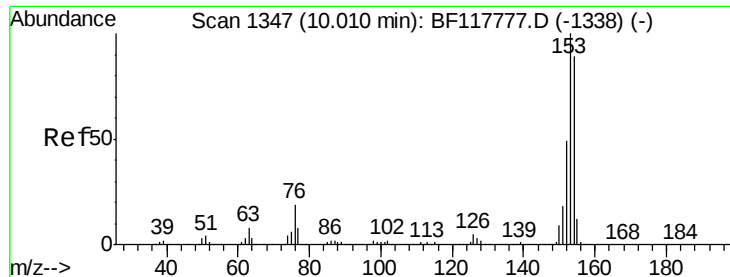
#50
Dimethylphthalate
Concen: 19.260 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Tgt Ion:163 Resp: 412819
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 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: 3.428 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118098.D

Acq: 4 Dec 2019 20:47

Instrument :

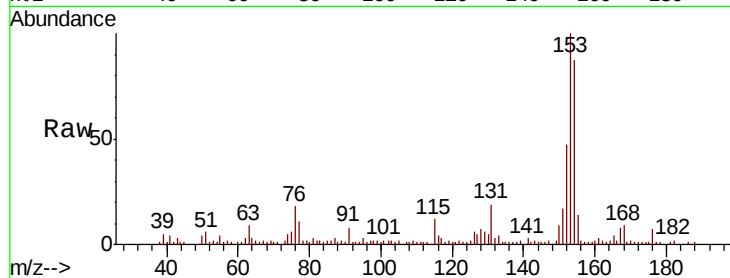
BNA_F

ClientSampleId :

OWL-C4-GW

Tot Ion:154 Resp: 59724

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	53.8	43.6	65.4



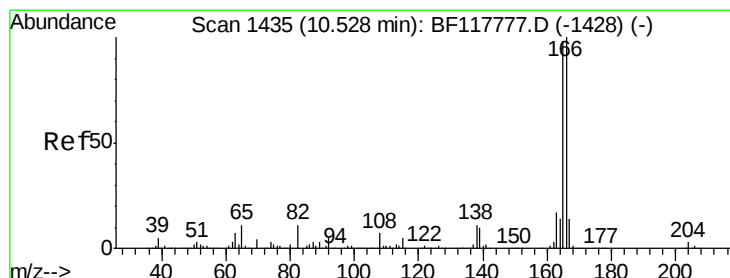
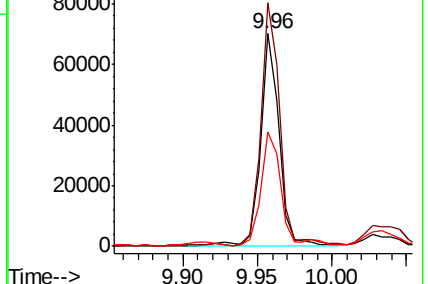
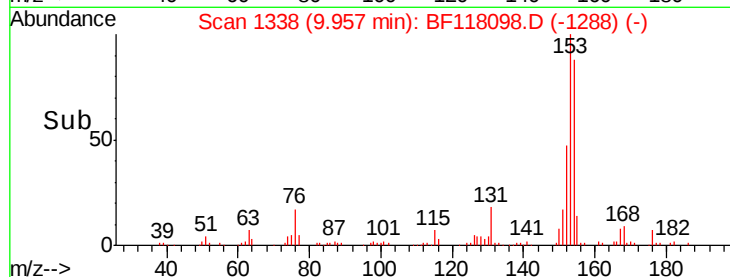
Abundance

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

Time-->



#58

Fluorene

Concen: 4.759 ng

RT: 10.47 min Scan# 1426

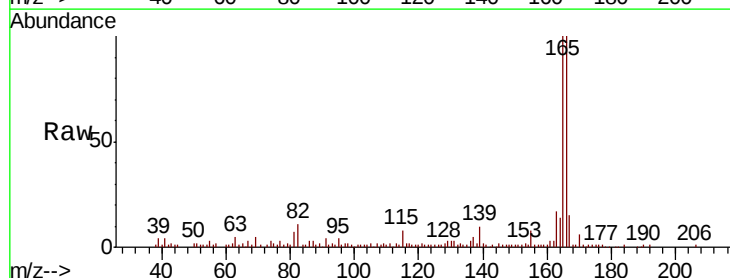
Delta R.T. -0.01 min

Lab File: BF118098.D

Acq: 4 Dec 2019 20:47

Tgt Ion:166 Resp: 88981

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.4	116.2
167	14.6	10.7	16.1



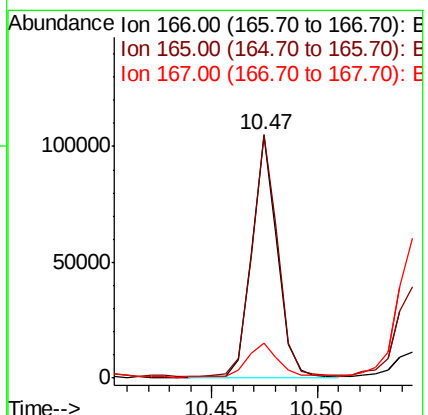
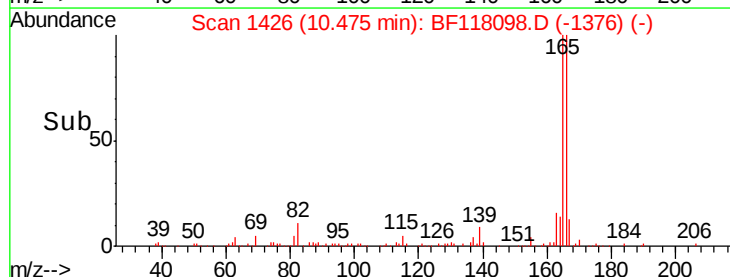
Abundance

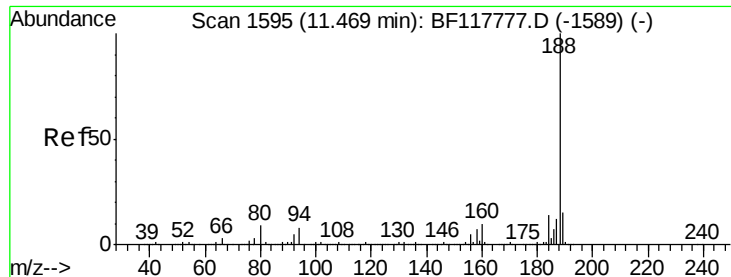
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

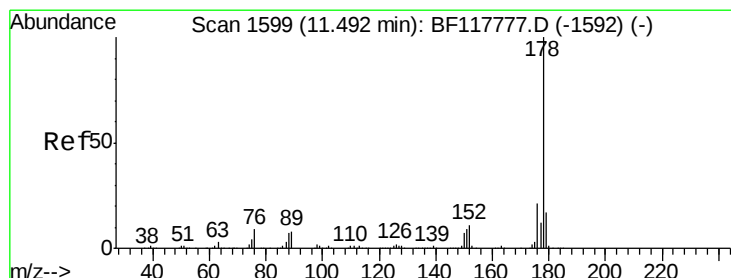
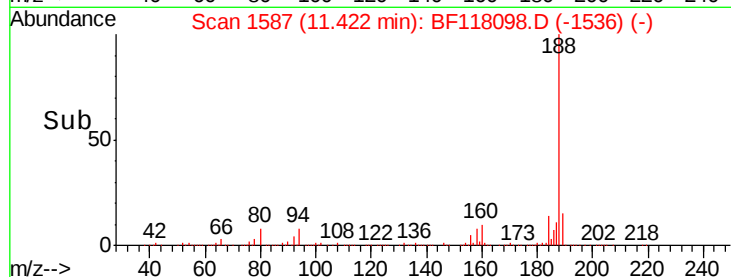
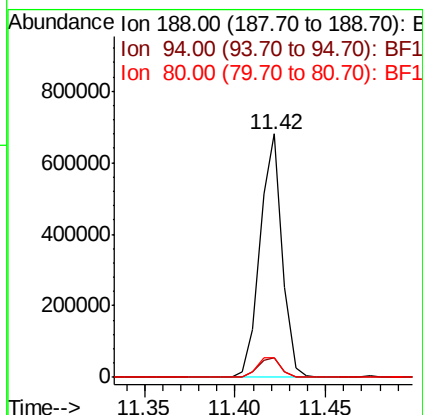
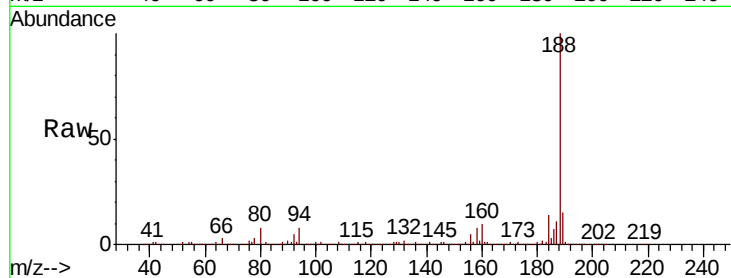




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

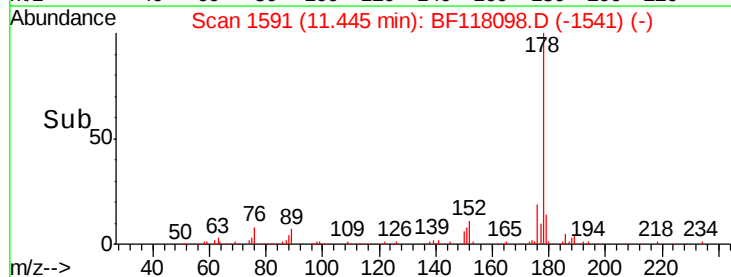
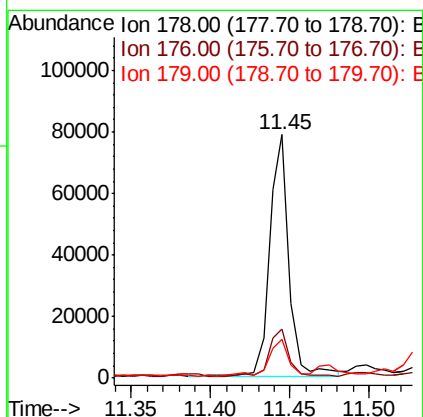
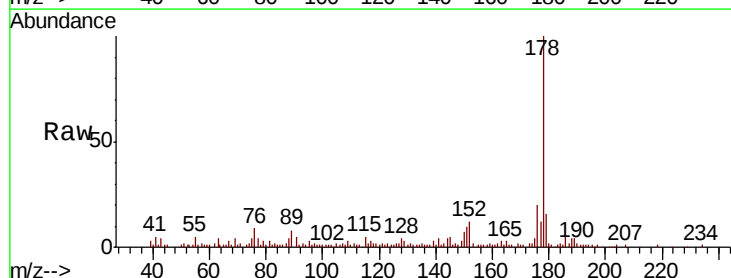
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

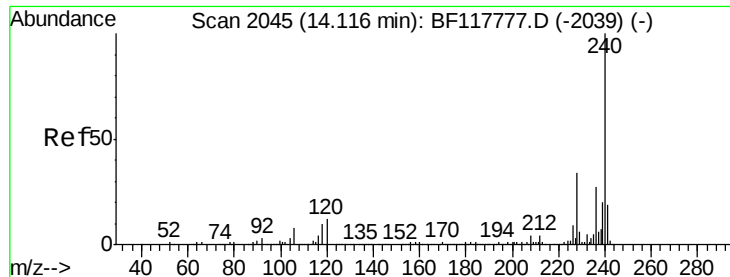
Tot Ion:188 Resp: 577529
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.2 7.2 10.8



#71
Phenanthrene
Concen: 2.329 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Tgt Ion:178 Resp: 67613
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.9 12.3 18.5

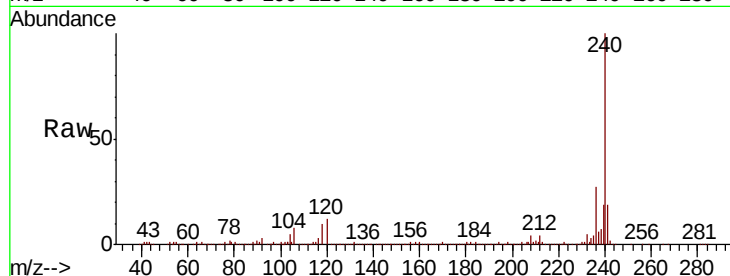




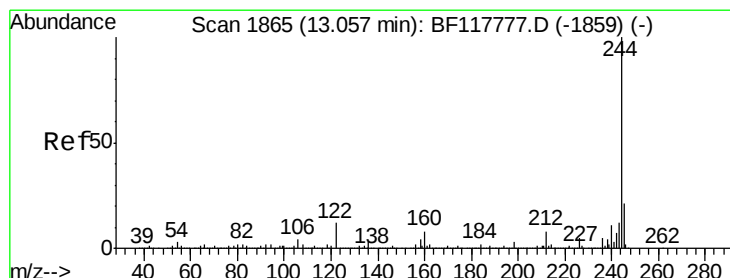
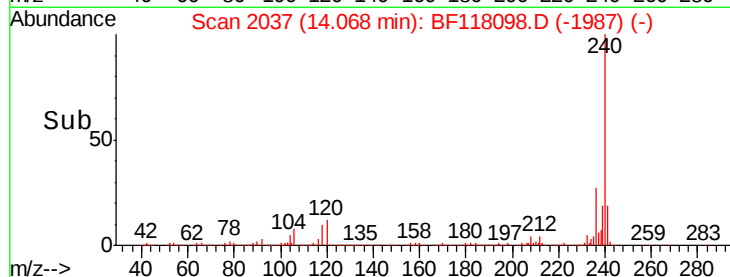
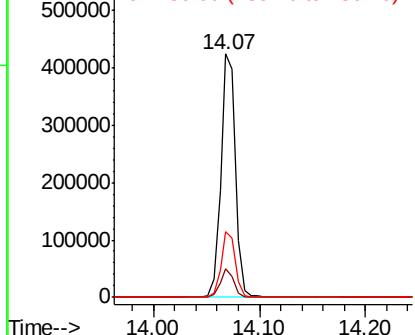
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Instrument :
BNA_F
ClientSampled :
OWL-C4-GW

Tot Ion:240 Resp: 411867
Ion Ratio Lower Upper
240 100
120 11.8 8.4 12.6
236 27.1 20.6 31.0

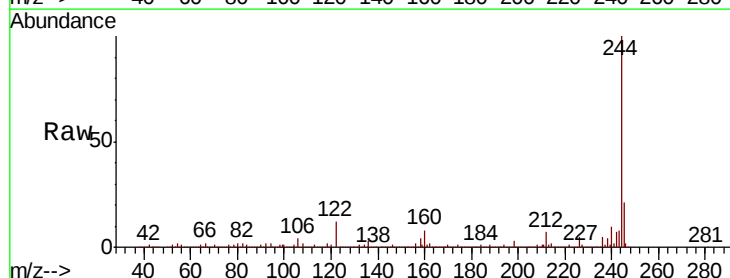


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

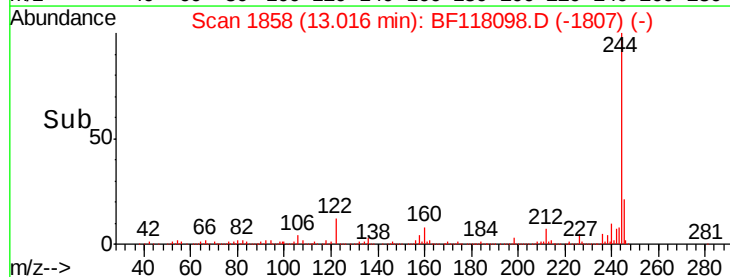
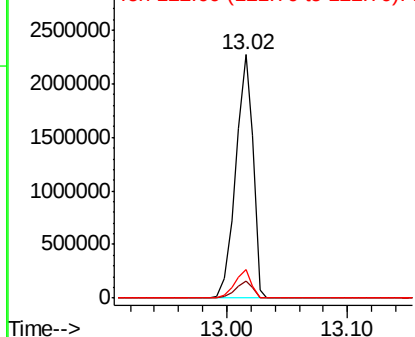


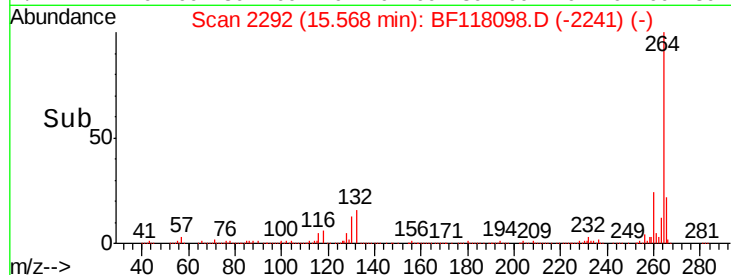
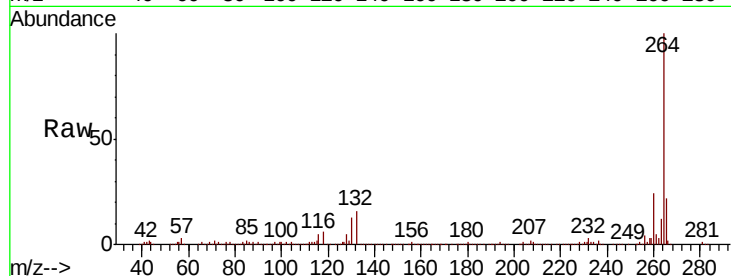
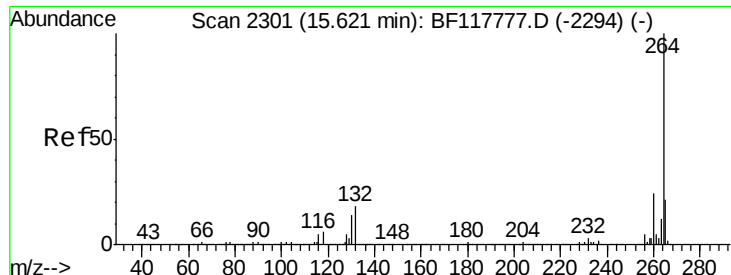
#79
Terphenyl-d14
Concen: 100.241 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118098.D
Acq: 4 Dec 2019 20:47

Tgt Ion:244 Resp: 2259011
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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF118098.D
 Acq: 4 Dec 2019 20:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Tot Ion:	264	Resp:	352679
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.1	16.4	24.6

