

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118099.D
 Acq On : 4 Dec 2019 21:15
 Operator : JU
 Sample : K6098-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: Dec 05 02:51:47 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

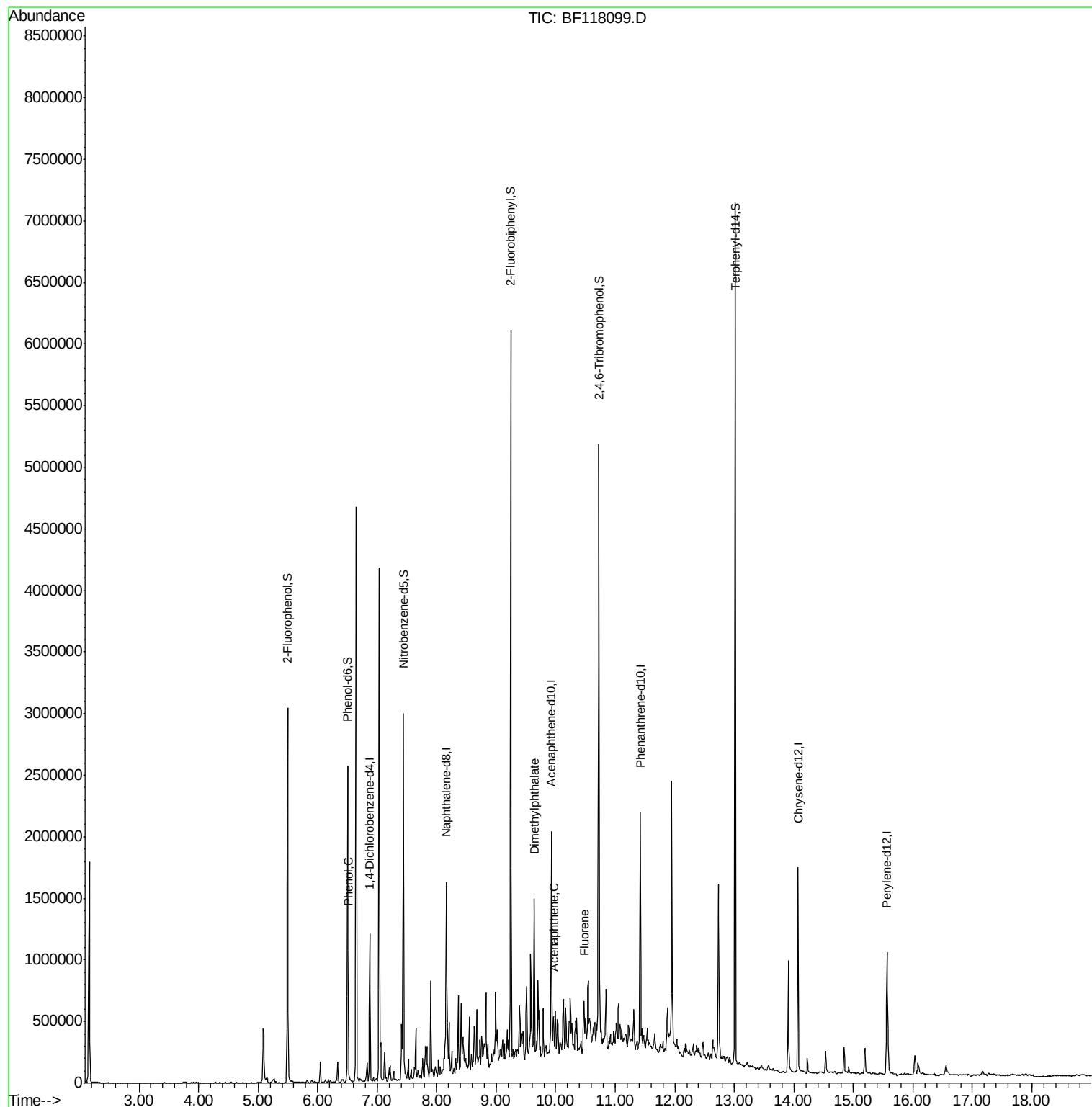
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167152	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664501	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	360732	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	679341	20.00	ng	0.00
76) Chrysene-d12	14.07	240	538075	20.00	ng	0.00
87) Perylene-d12	15.57	264	468688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	950737	100.68	ng	0.01
7) Phenol-d6	6.50	99	836352	73.43	ng	0.00
23) Nitrobenzene-d5	7.44	82	994903	89.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	573447	150.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1813644	90.20	ng	0.00
79) Terphenyl-d14	13.02	244	2517417	85.51	ng	0.00
Target Compounds						
10) Phenol	6.52	94	93278	7.881	ng	97
50) Dimethylphthalate	9.64	163	446706	17.659	ng	100
52) Acenaphthene	9.96	154	43296	2.106	ng	92
58) Fluorene	10.47	166	87229	3.953	ng	96

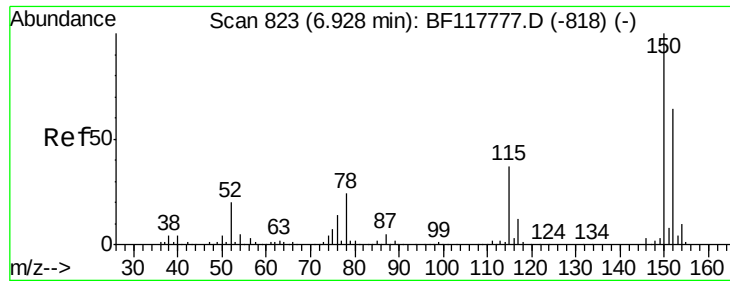
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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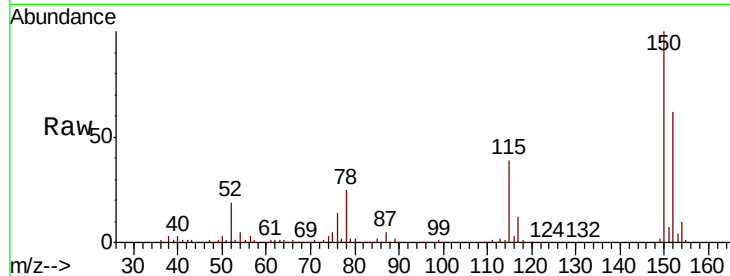


#1

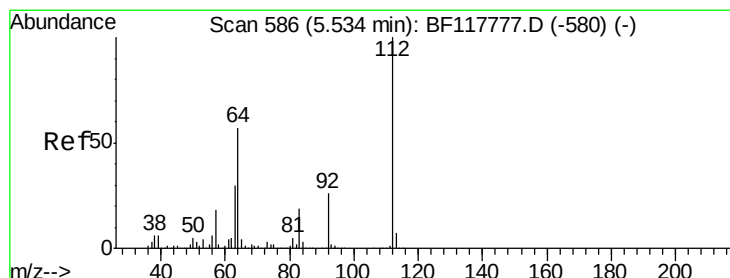
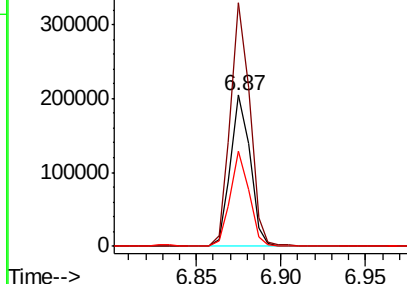
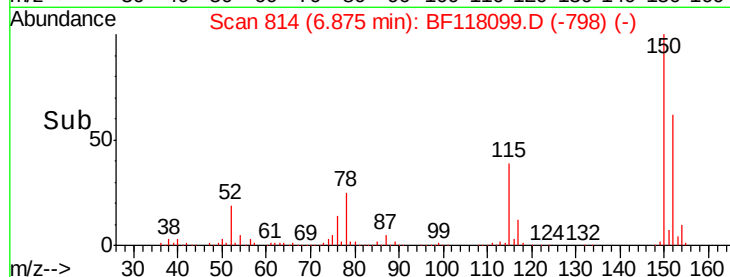
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tot Ion:152 Resp: 167152
Ion Ratio Lower Upper
152 100
150 161.0 121.4 182.2
115 62.7 48.8 73.2



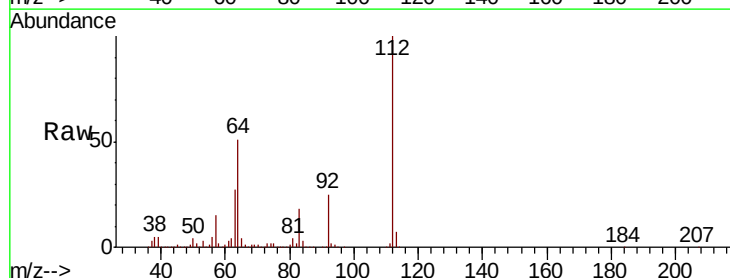
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



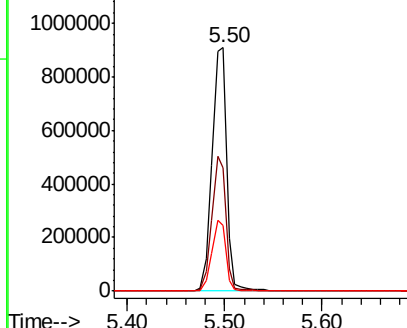
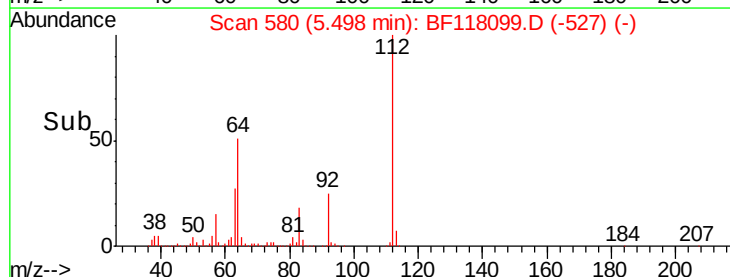
#5

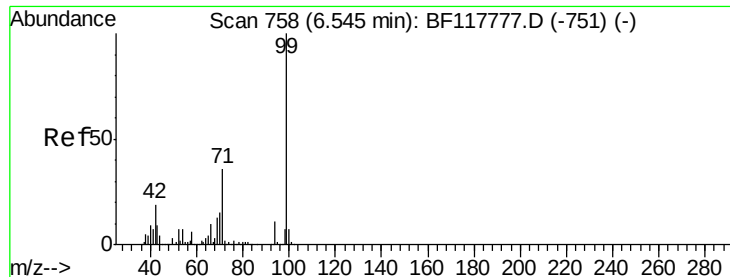
2-Fluorophenol
Concen: 100.681 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion:112 Resp: 950737
Ion Ratio Lower Upper
112 100
64 50.9 45.1 67.7
63 26.9 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: 73.430 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

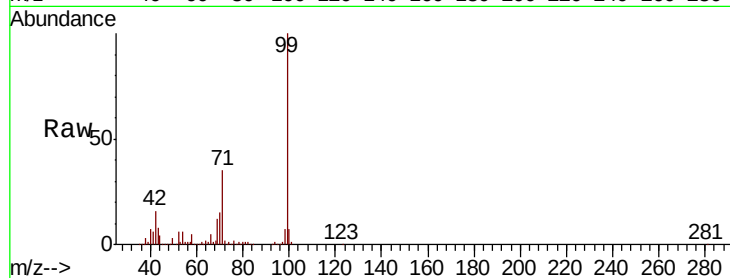
Tot Ion: 99 Resp: 836352

Ion Ratio Lower Upper

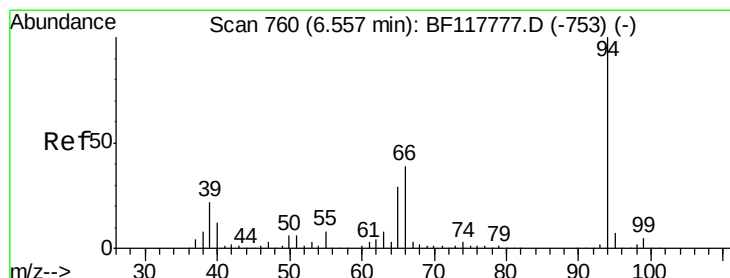
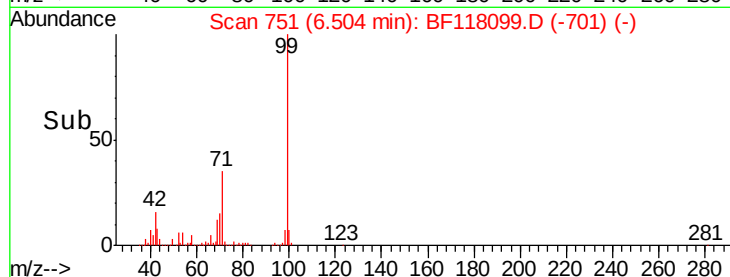
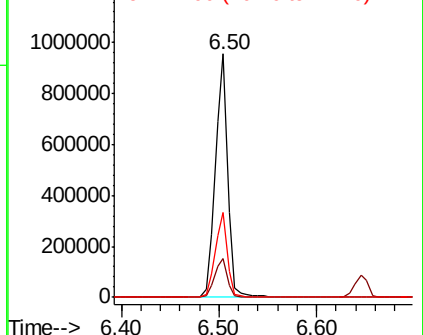
99 100

42 16.0 14.0 21.0

71 34.6 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: 7.881 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

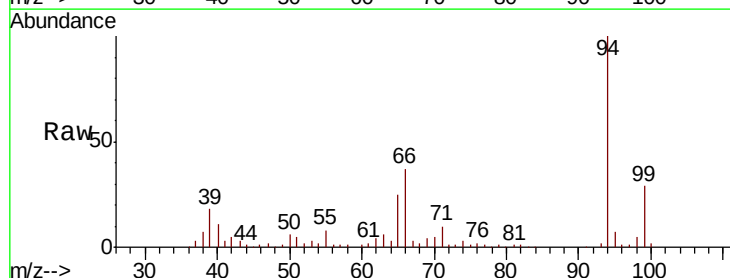
Tgt Ion: 94 Resp: 93278

Ion Ratio Lower Upper

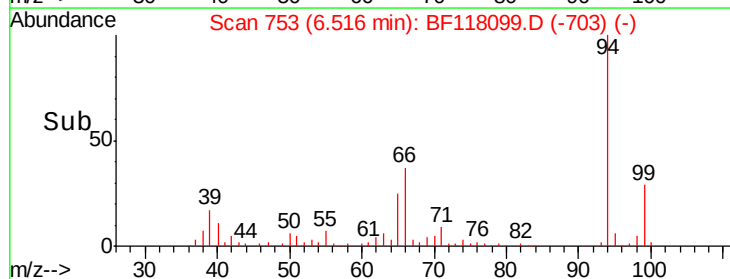
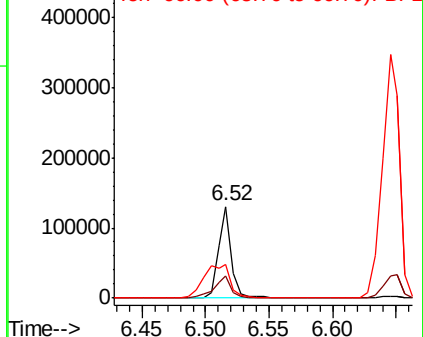
94 100

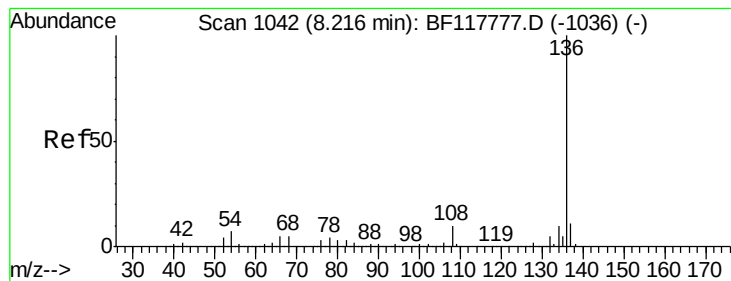
65 24.8 6.9 46.9

66 36.9 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: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

Tot Ion:136 Resp: 664501

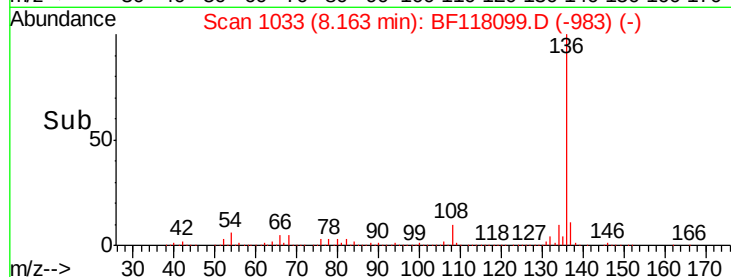
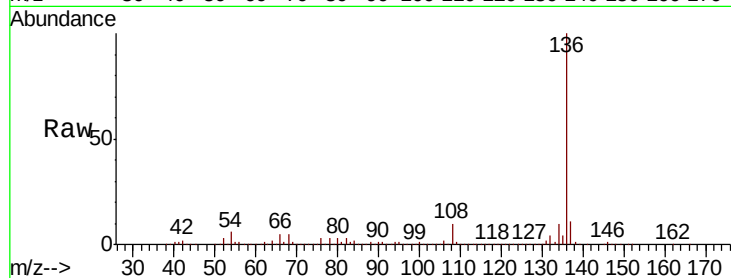
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 4.9 7.3

68 5.3 3.6 5.4

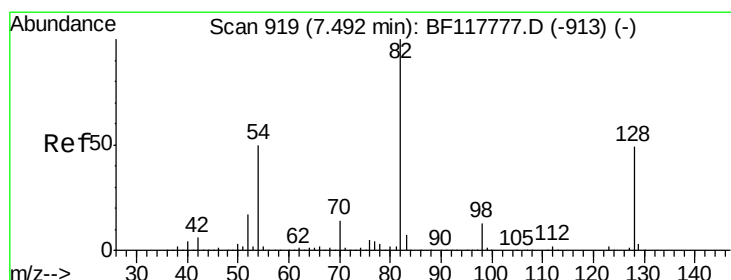
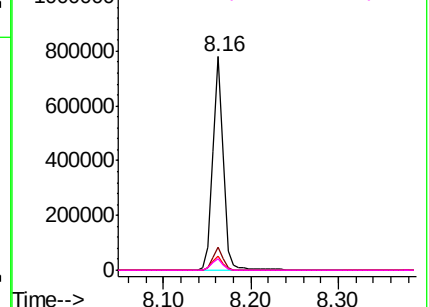


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.003 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

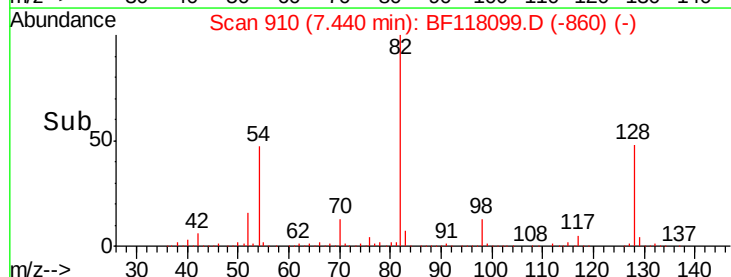
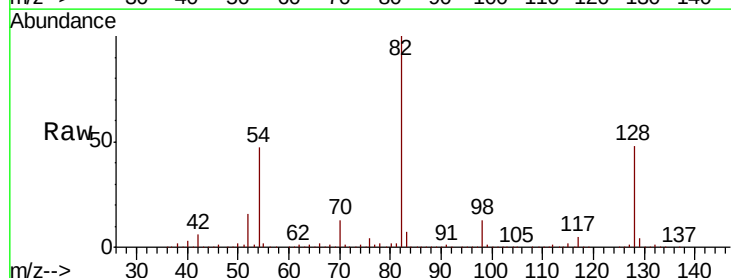
Tgt Ion: 82 Resp: 994903

Ion Ratio Lower Upper

82 100

128 47.8 38.2 57.4

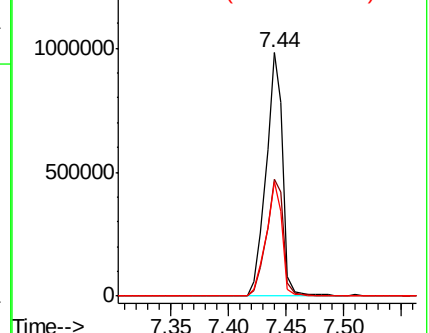
54 46.8 39.0 58.4

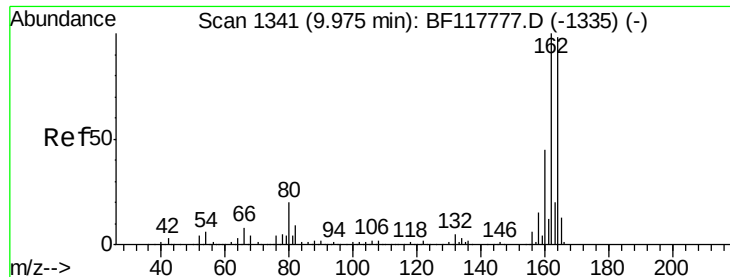


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

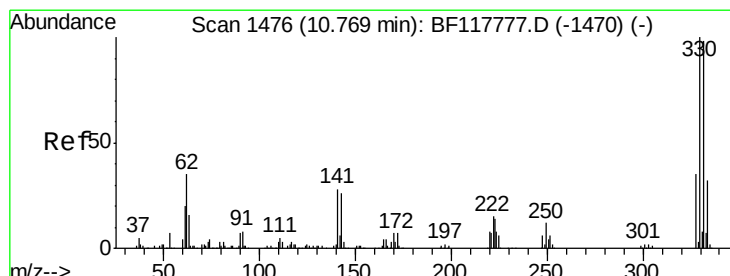
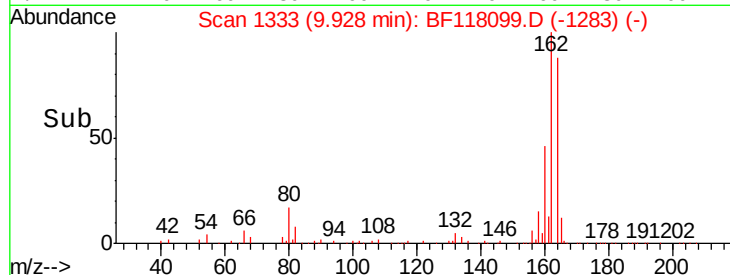
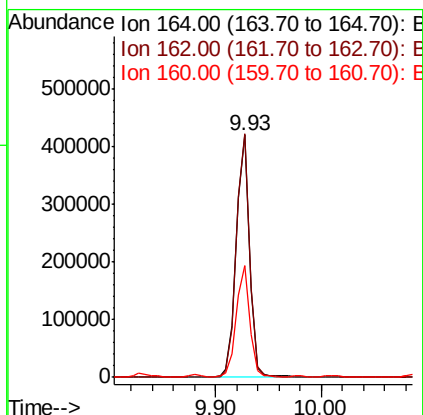
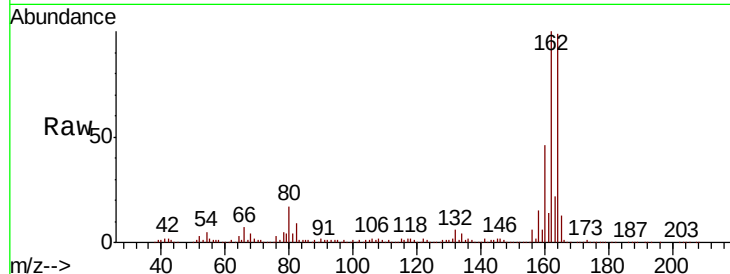




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

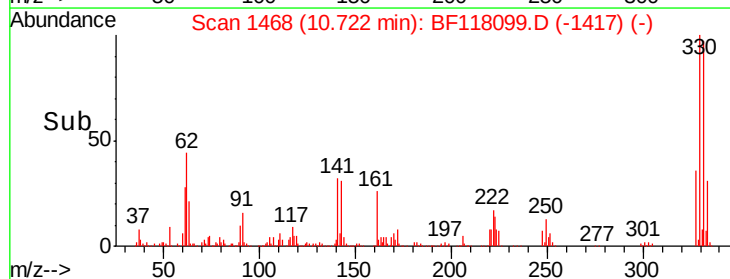
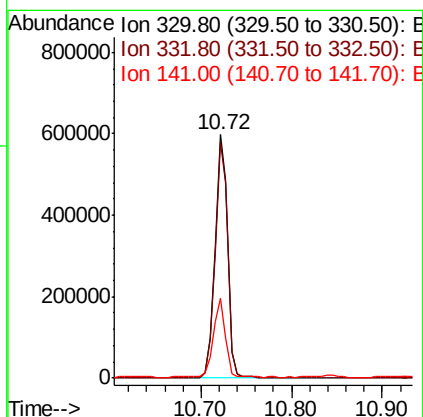
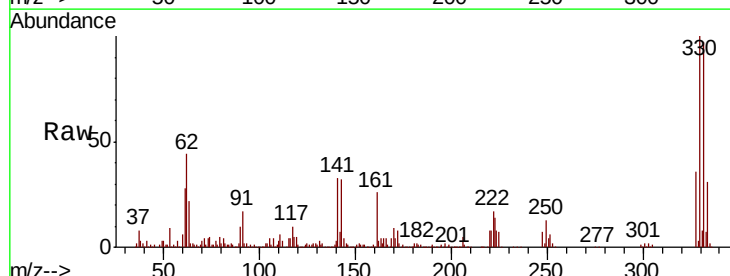
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

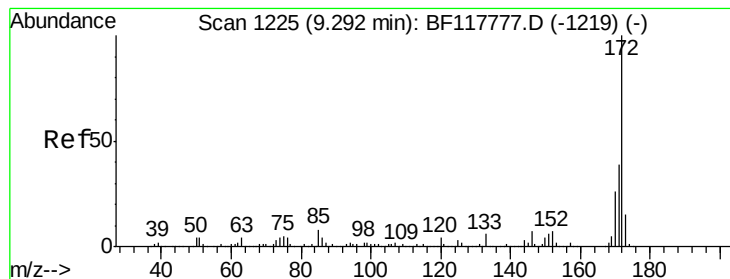
Tot Ion:164 Resp: 360732
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.8 122.8
 160 46.4 35.9 53.9



#42
 2,4,6-Tribromophenol
 Concen: 150.155 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

Tgt Ion:330 Resp: 573447
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.3 117.5
 141 32.0 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 90.198 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

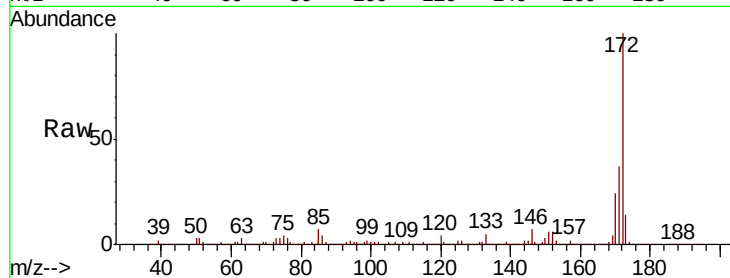
BNA_F

ClientSampleId :

OWL-C5-GW

Tot Ion:172 Resp: 1813644

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.0	19.3	28.9

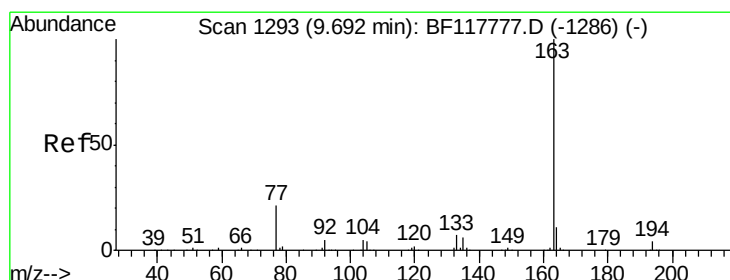
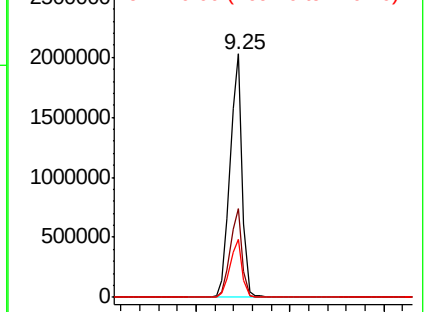
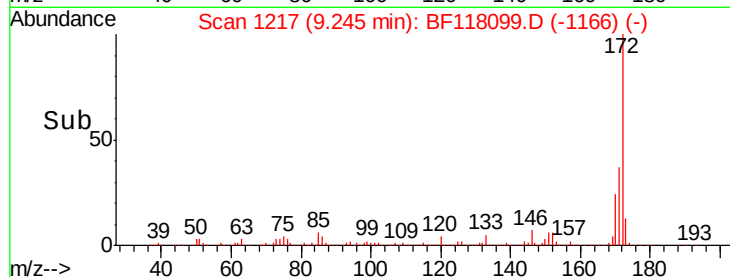


Abundance

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: 17.659 ng

RT: 9.64 min Scan# 1284

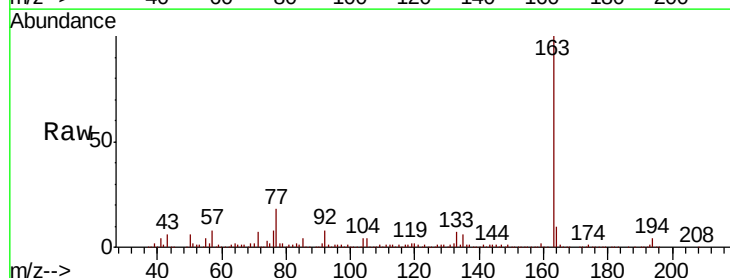
Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Tgt Ion:163 Resp: 446706

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.9	7.9	11.9

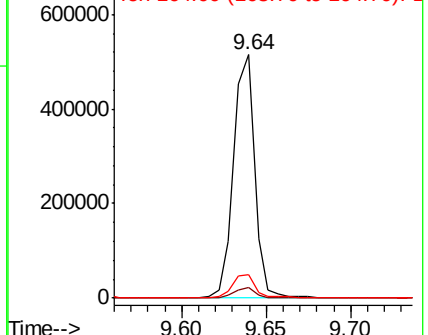
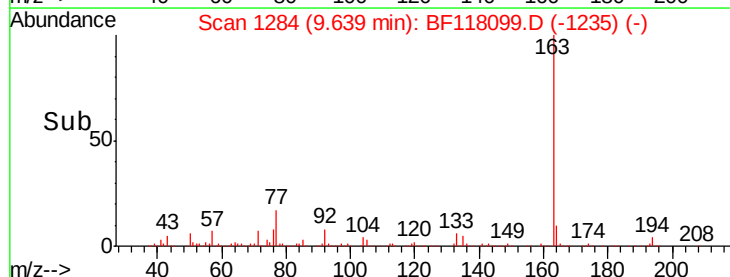


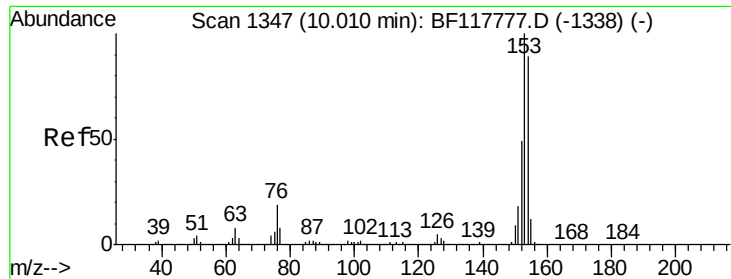
Abundance

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: 2.106 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

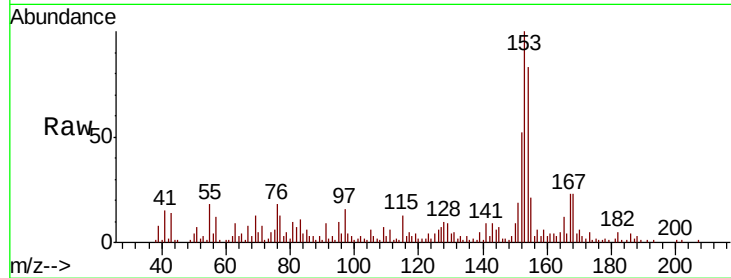
BNA_F

ClientSampleId :

OWL-C5-GW

Tot Ion:154 Resp: 43296

Ion	Ratio	Lower	Upper
154	100		
153	120.1	91.2	136.8
152	62.7	43.6	65.4

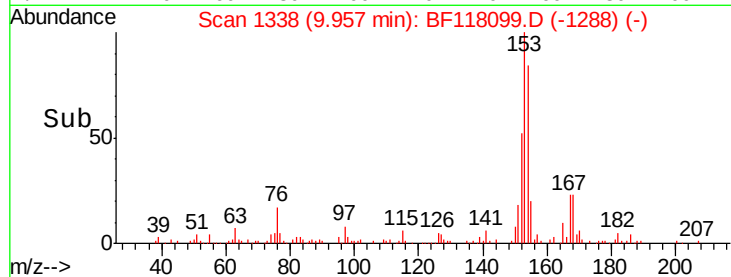


Abundance

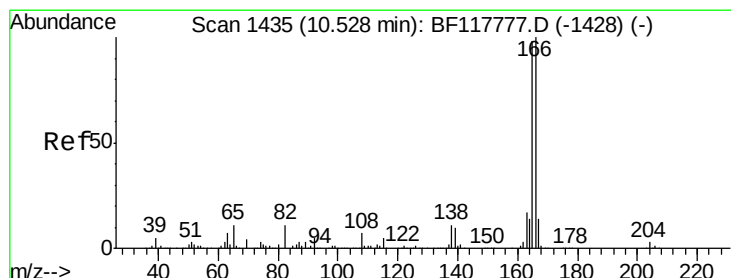
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



9.96



#58

Fluorene

Concen: 3.953 ng

RT: 10.47 min Scan# 1426

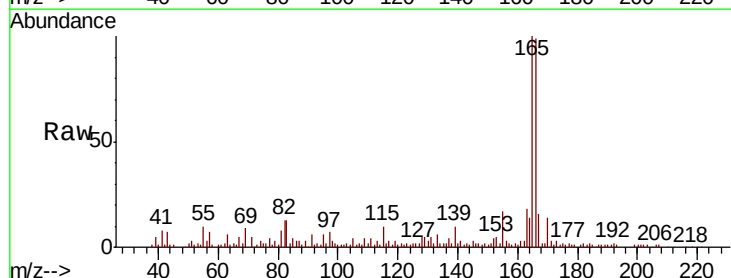
Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Tgt Ion:166 Resp: 87229

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.4	116.2
167	15.6	10.7	16.1

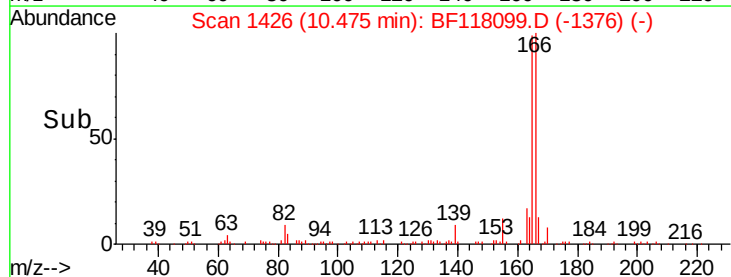


Abundance

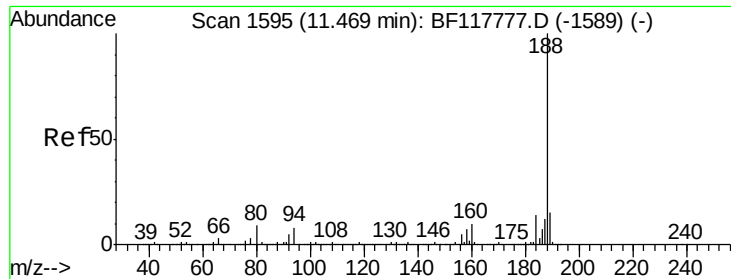
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



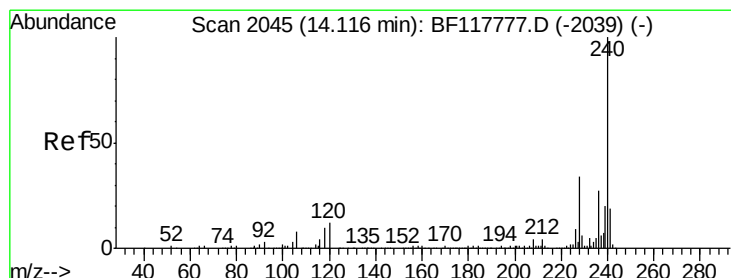
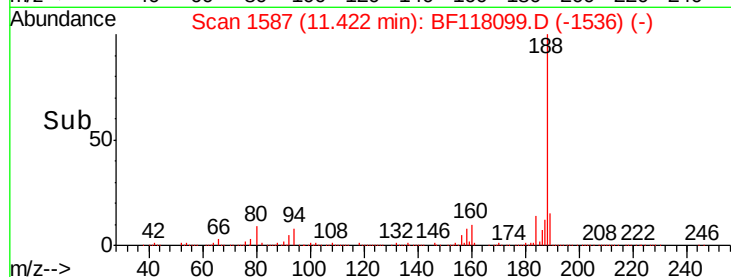
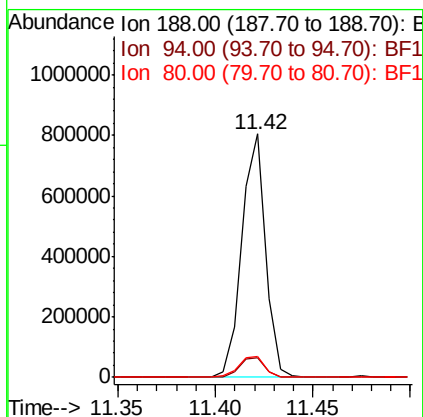
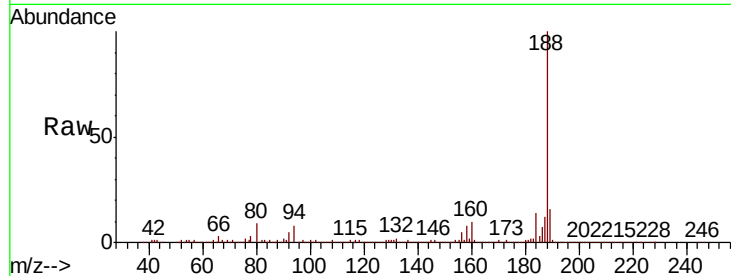
10.47



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

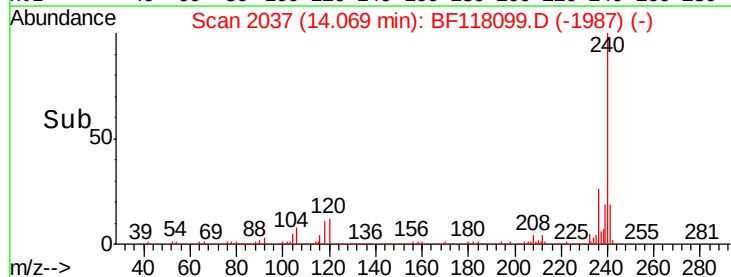
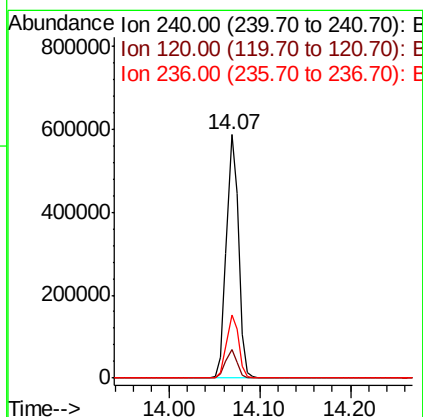
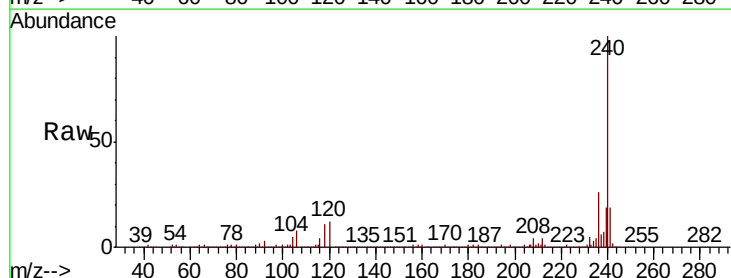
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

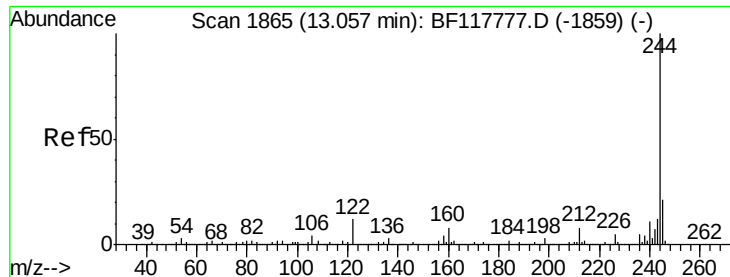
Tot Ion:188 Resp: 679341
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion:240 Resp: 538075
Ion Ratio Lower Upper
240 100
120 11.8 8.4 12.6
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 85.506 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

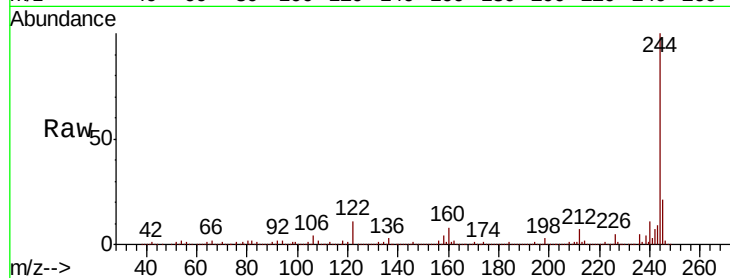
Tot Ion:244 Resp: 2517417

Ion Ratio Lower Upper

244 100

212 7.4 5.2 7.8

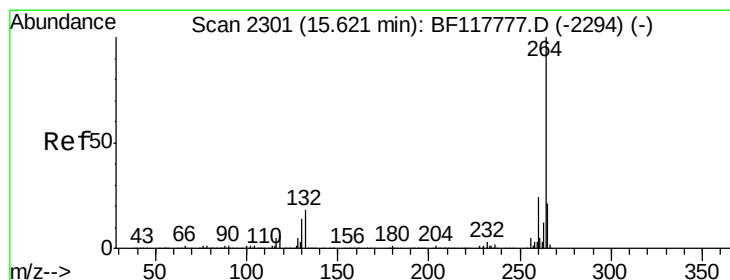
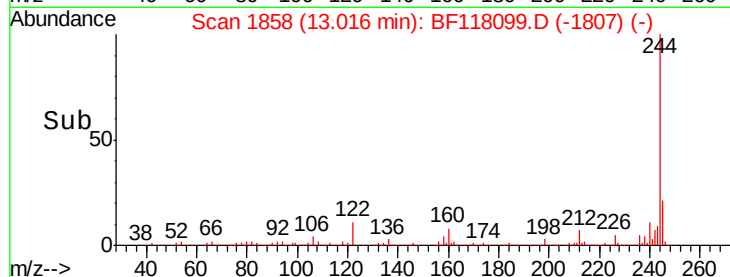
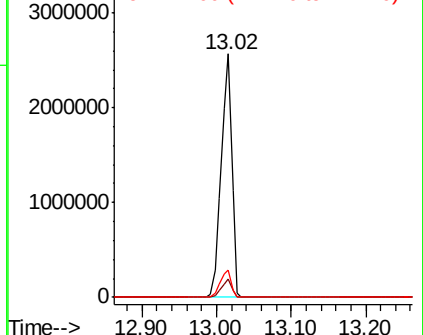
122 11.0 7.2 10.8#



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

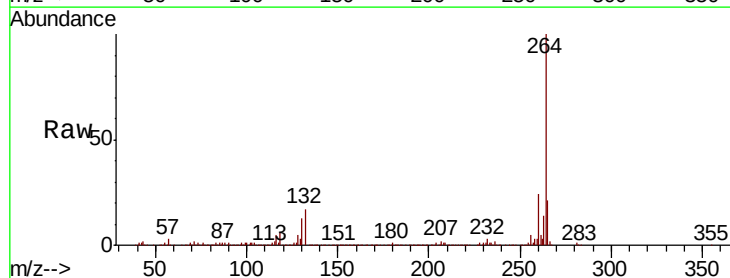
Tgt Ion:264 Resp: 468688

Ion Ratio Lower Upper

264 100

260 24.0 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

