

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118100.D
 Acq On : 4 Dec 2019 21:43
 Operator : JU
 Sample : K6098-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: Dec 05 03:01:35 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

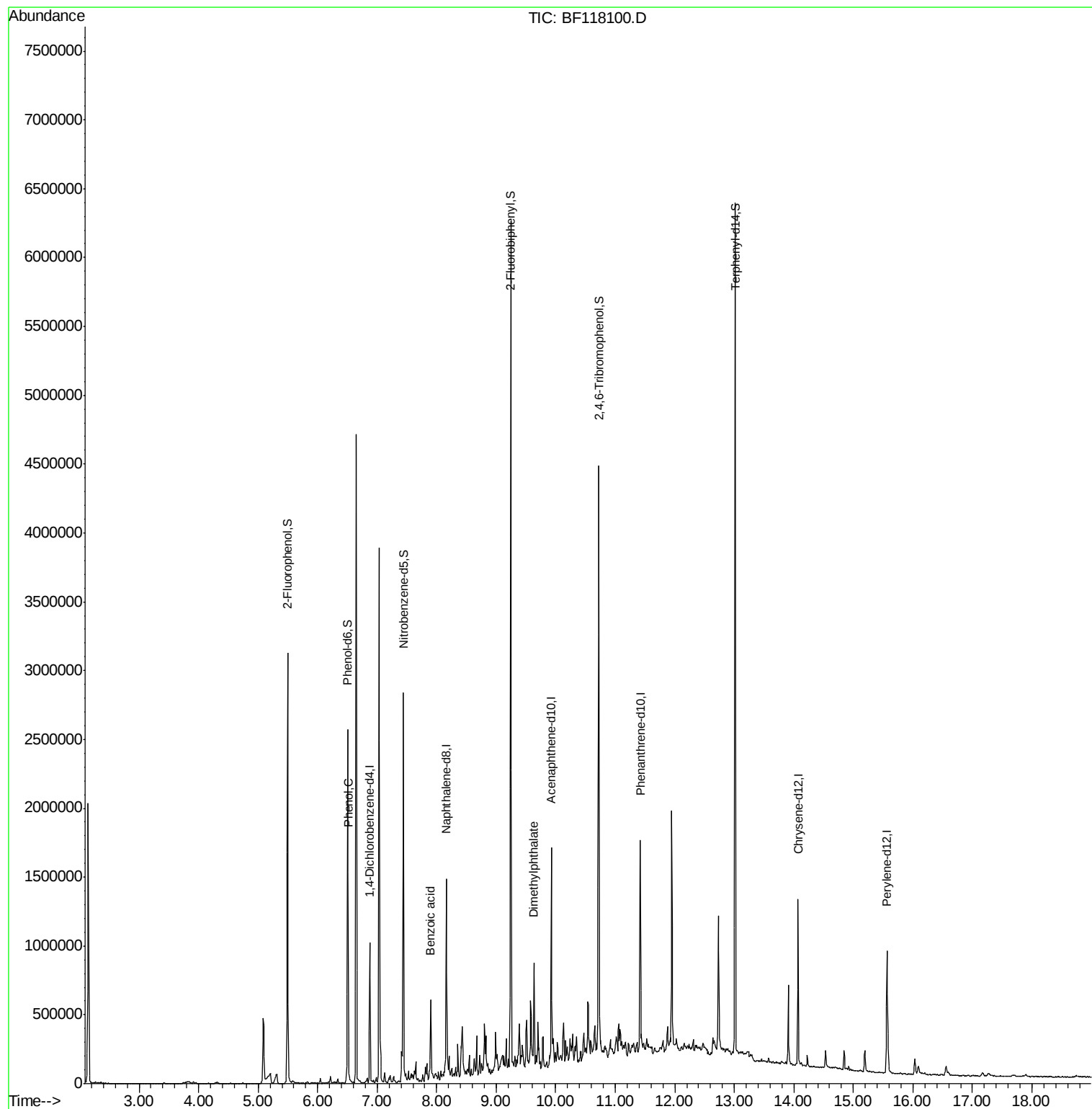
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145505	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	637912	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	330328	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	609726	20.00	ng	0.00
76) Chrysene-d12	14.07	240	400614	20.00	ng	0.00
87) Perylene-d12	15.57	264	407282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	971399	118.17	ng	0.00
7) Phenol-d6	6.50	99	858348	86.57	ng	0.00
23) Nitrobenzene-d5	7.44	82	985730	91.86	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	545774	156.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1914803	103.99	ng	0.00
79) Terphenyl-d14	13.02	244	2265823	103.37	ng	0.00
Target Compounds						
10) Phenol	6.52	94	147776	14.343	ng	98
32) Benzoic acid	7.90	122	76846	10.961	ng	88
50) Dimethylphthalate	9.63	163	306937	13.251	ng	98

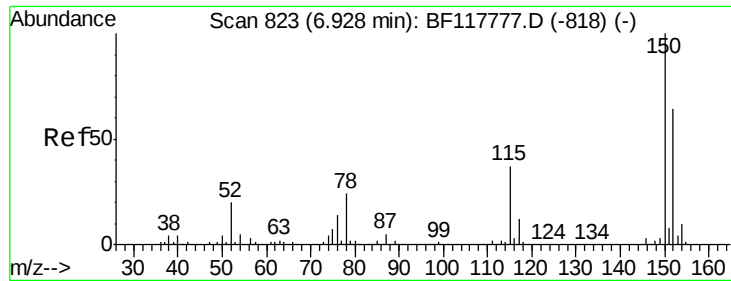
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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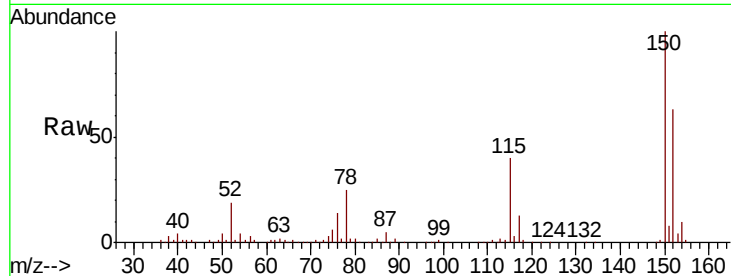


#1

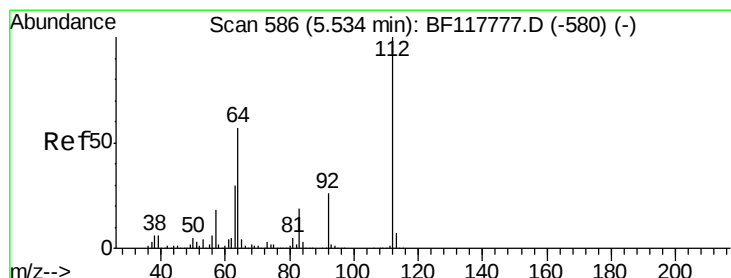
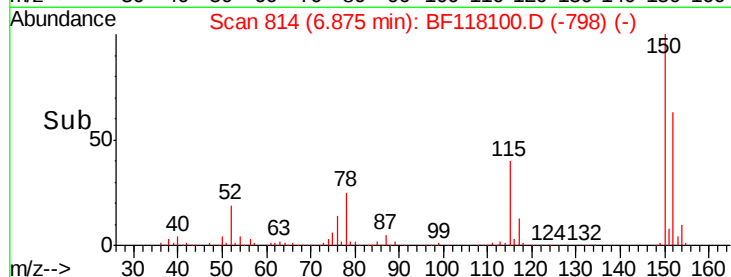
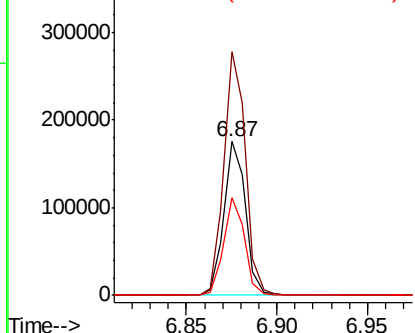
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118100.D
 Acq: 4 Dec 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tot Ion:152 Resp: 145505
 Ion Ratio Lower Upper
 152 100
 150 158.5 121.4 182.2
 115 63.3 48.8 73.2



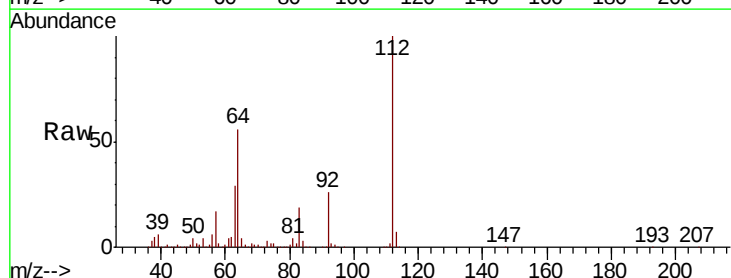
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



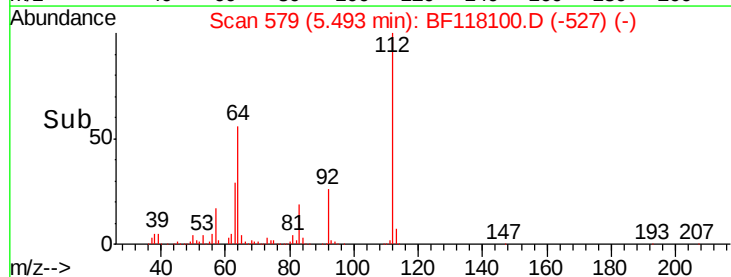
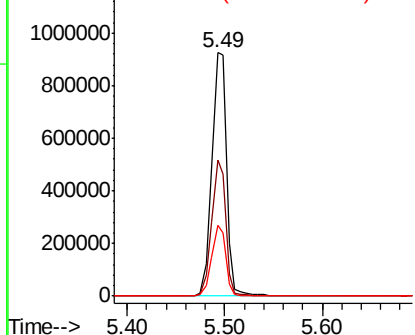
#5

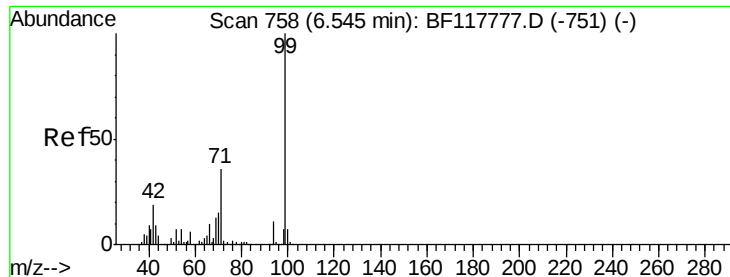
2-Fluorophenol
 Concen: 118.173 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF118100.D
 Acq: 4 Dec 2019 21:43

Tgt Ion:112 Resp: 971399
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.1 67.7
 63 29.3 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: 86.572 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

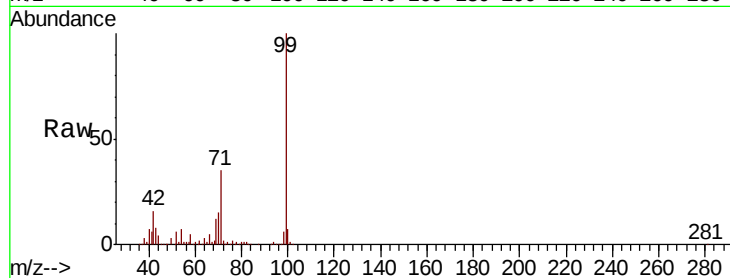
Tot Ion: 99 Resp: 858348

Ion Ratio Lower Upper

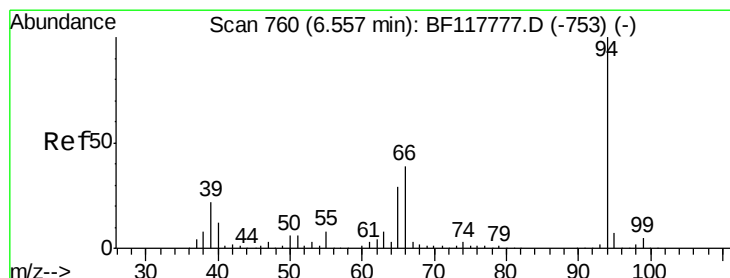
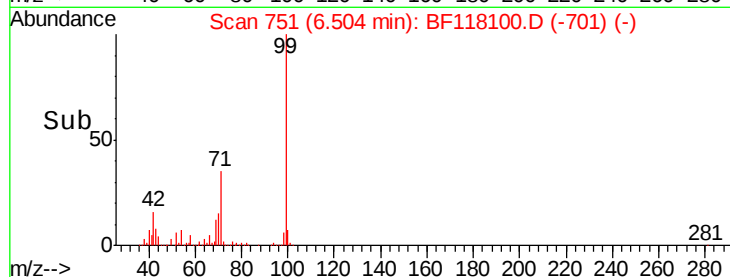
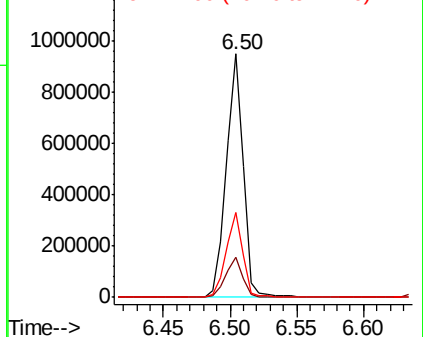
99 100

42 16.3 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: 14.343 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

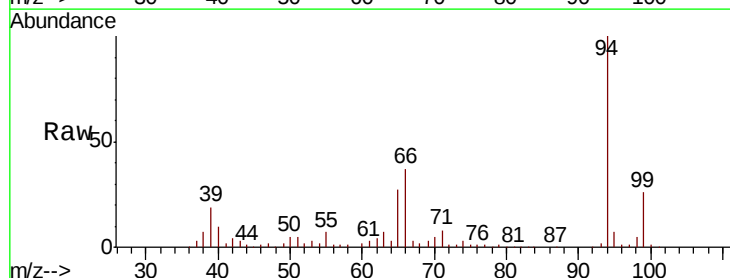
Tgt Ion: 94 Resp: 147776

Ion Ratio Lower Upper

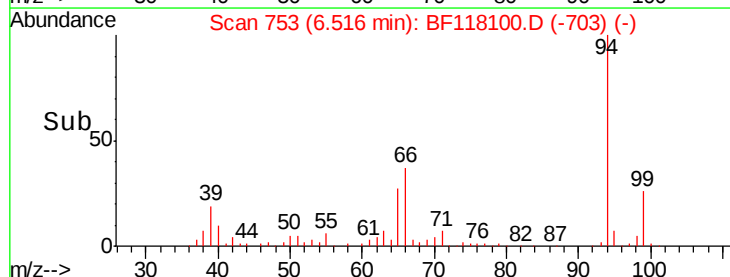
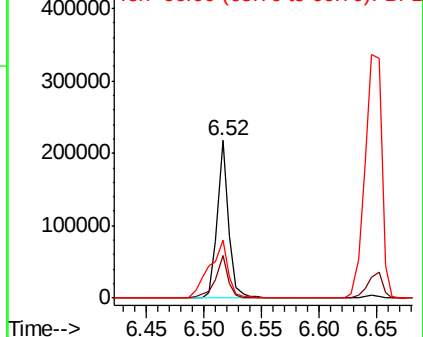
94 100

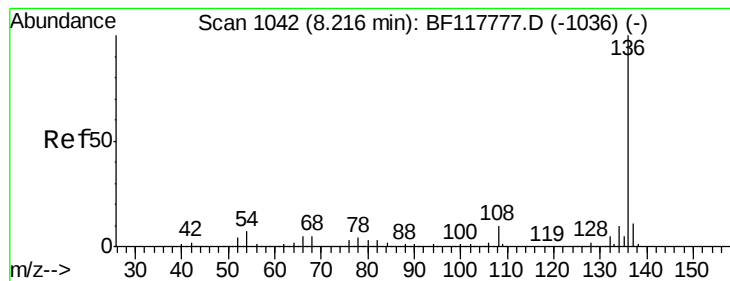
65 26.7 6.9 46.9

66 36.8 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: BF118100.D

Acq: 4 Dec 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

Tot Ion:136 Resp: 637912

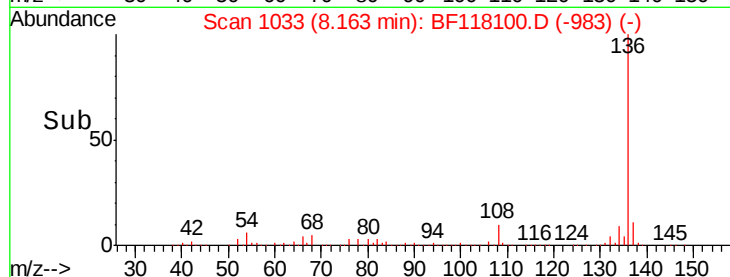
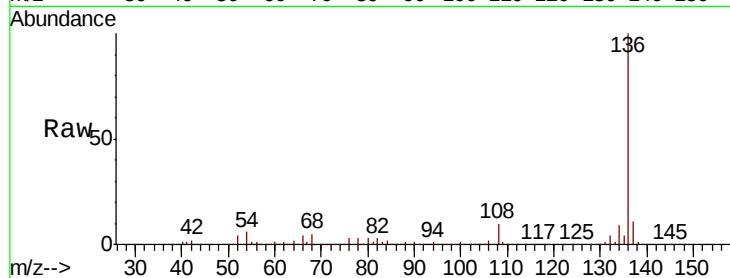
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.0 4.9 7.3

68 4.9 3.6 5.4

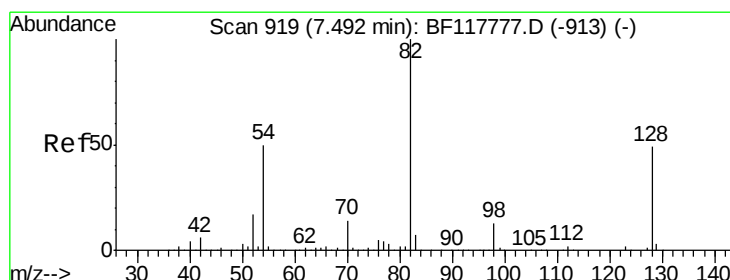
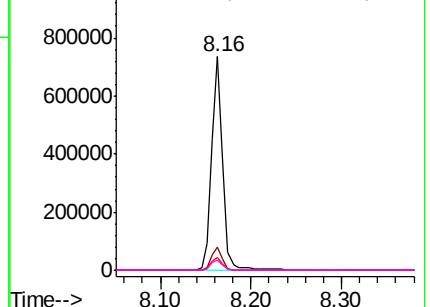


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.858 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

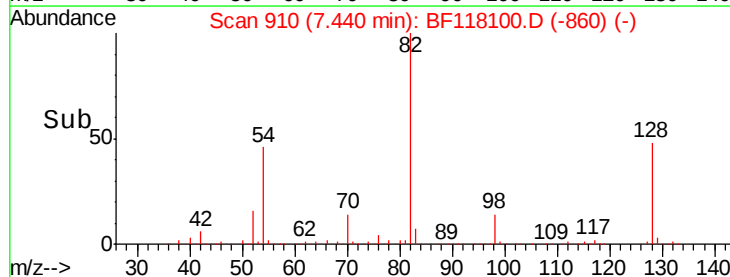
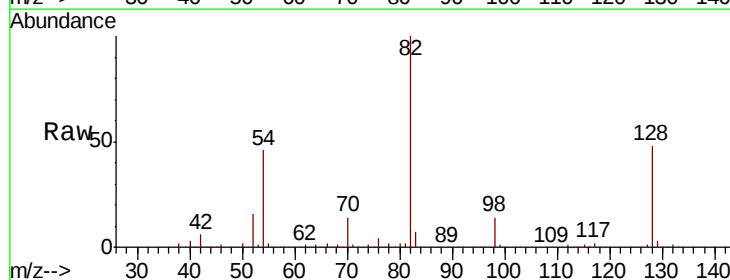
Tgt Ion: 82 Resp: 985730

Ion Ratio Lower Upper

82 100

128 48.1 38.2 57.4

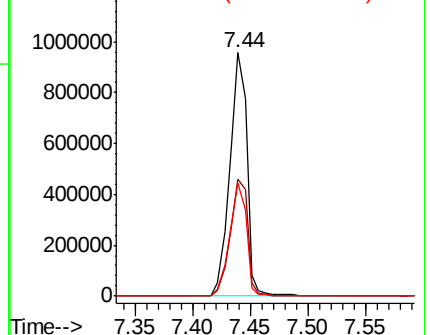
54 46.5 39.0 58.4

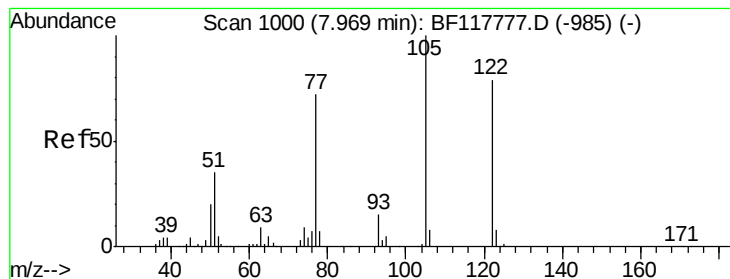


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 10.961 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

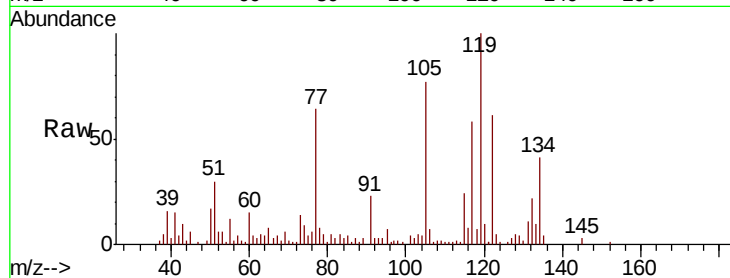
Tot Ion:122 Resp: 76846

Ion Ratio Lower Upper

122 100

105 127.4 101.4 141.4

77 105.8 66.4 106.4

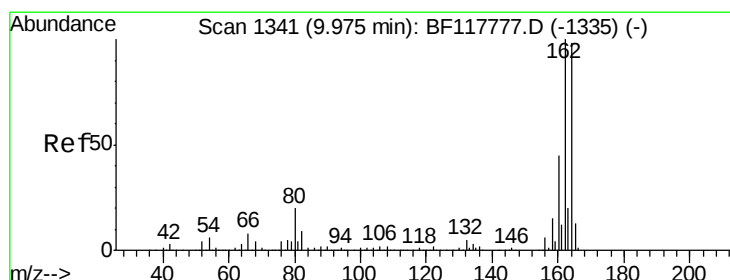
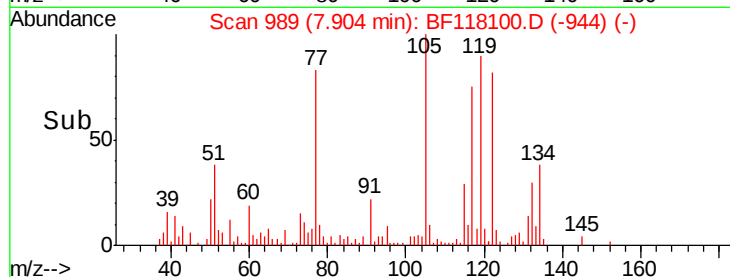
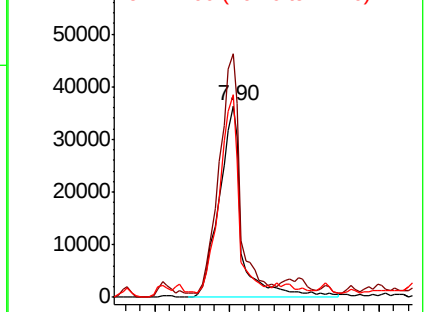


Abundance

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

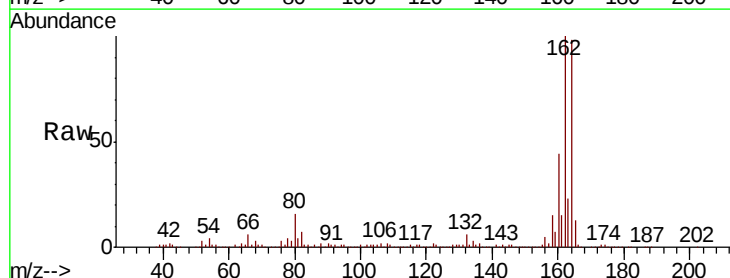
Tgt Ion:164 Resp: 330328

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

160 44.3 35.9 53.9

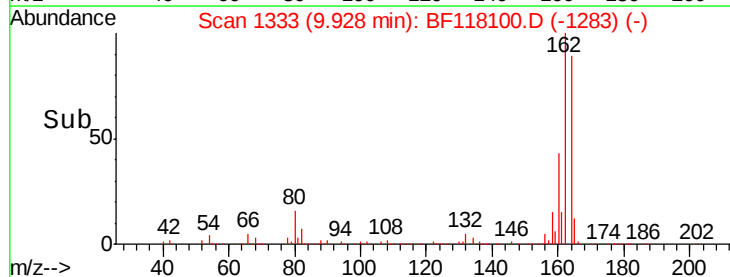
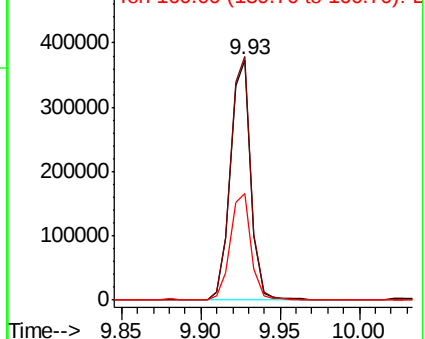


Abundance

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: 156.063 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

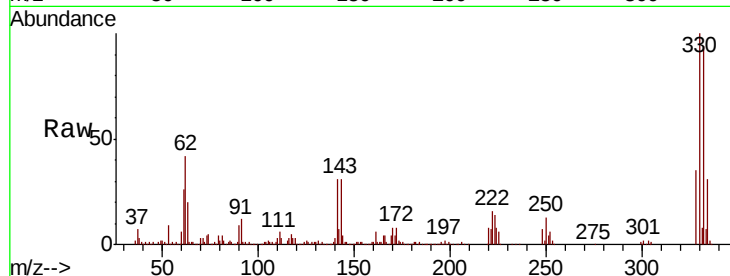
Tot Ion:330 Resp: 545774

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

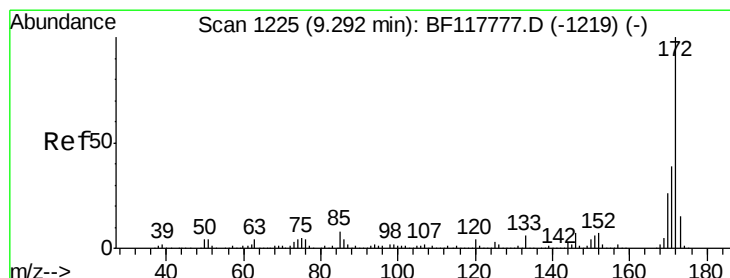
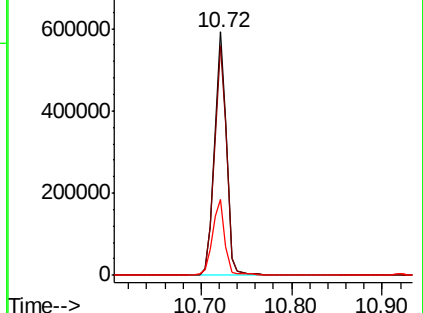
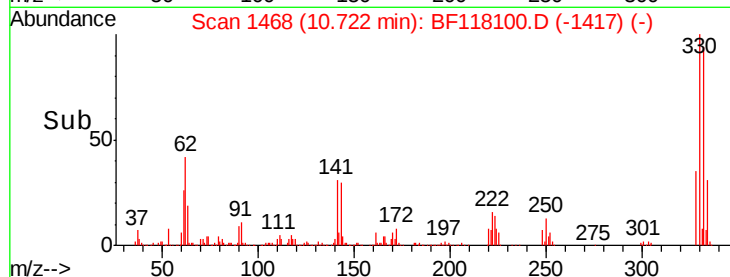
141 31.5 26.4 39.6



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: 103.994 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF118100.D

Acq: 4 Dec 2019 21:43

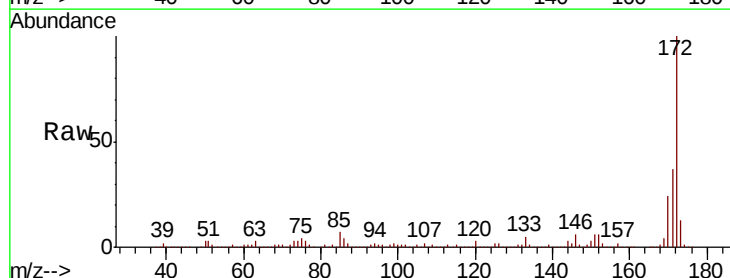
Tgt Ion:172 Resp: 1914803

Ion Ratio Lower Upper

172 100

171 37.4 29.2 43.8

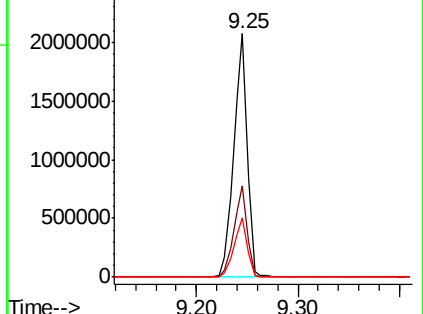
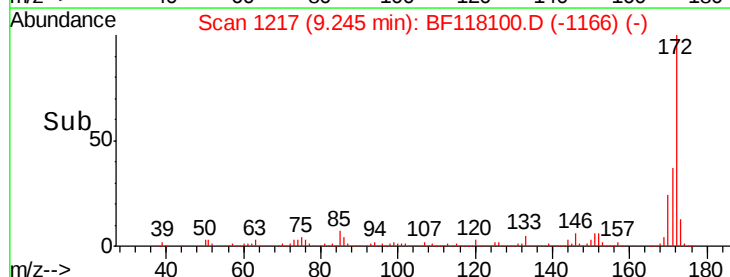
170 24.4 19.3 28.9

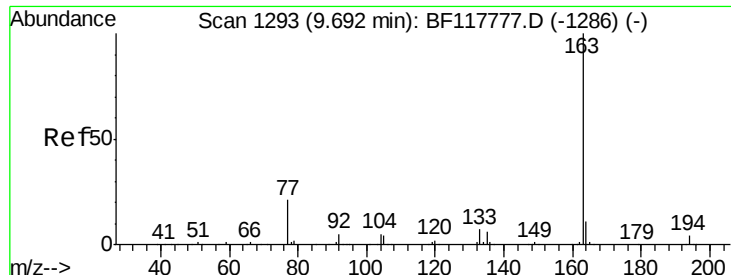


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

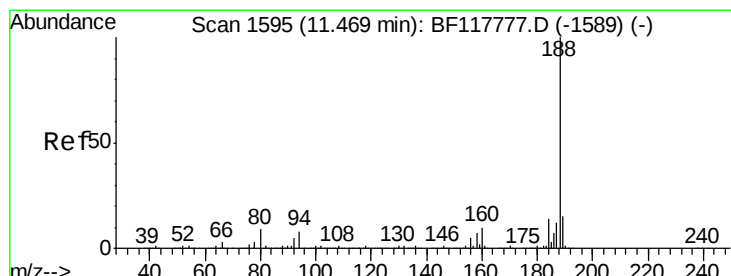
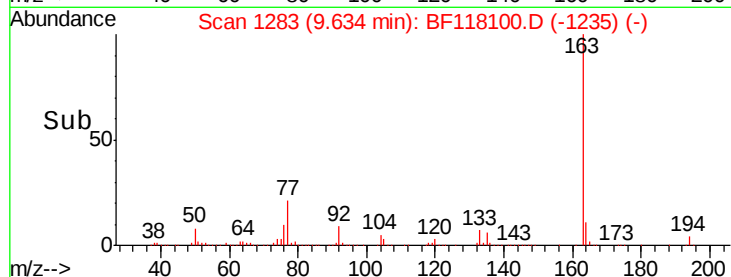
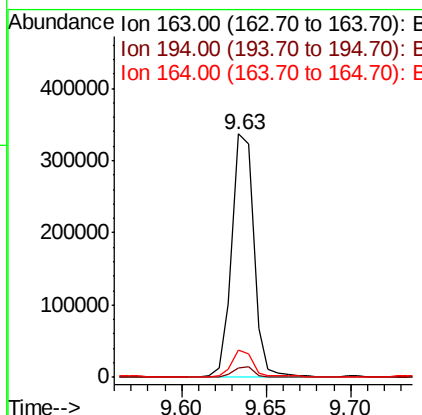
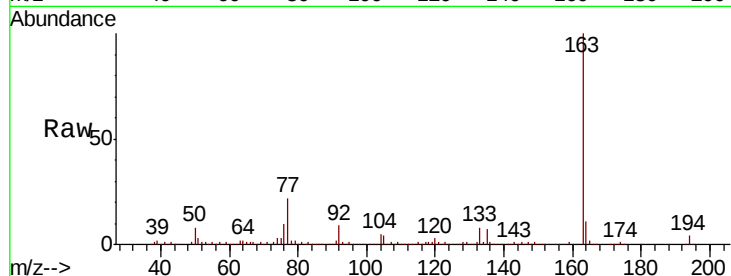




#50
Dimethylphthalate
Concen: 13.251 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118100.D
Acq: 4 Dec 2019 21:43

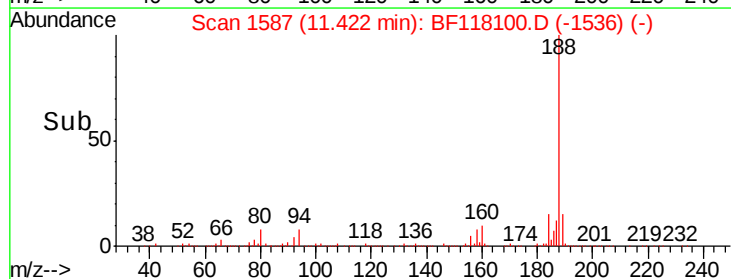
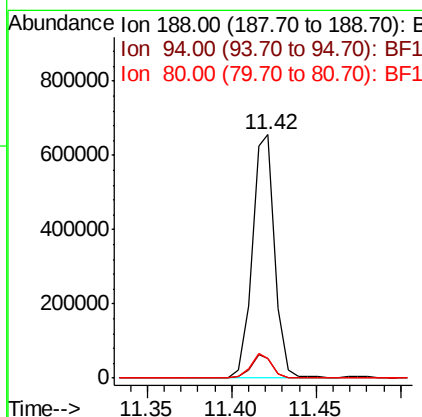
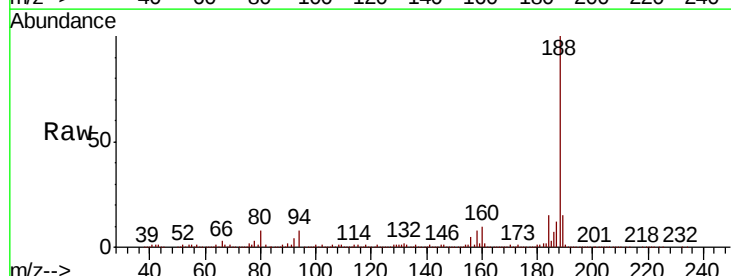
Instrument :
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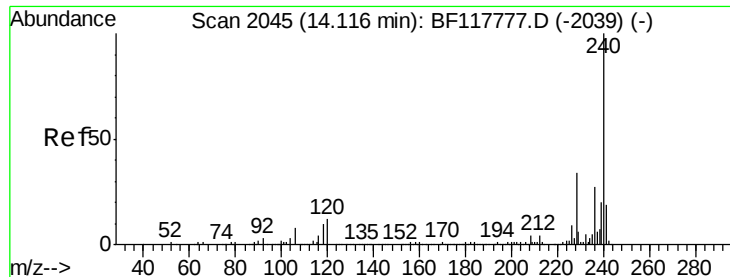
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	11.0	7.9	11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118100.D
Acq: 4 Dec 2019 21:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.2	7.2	10.8

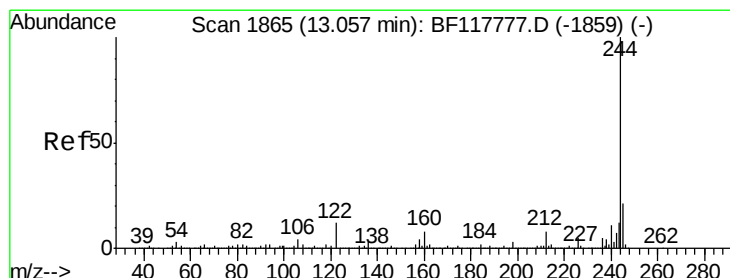
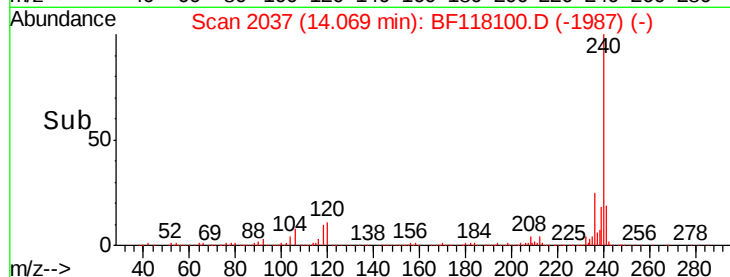
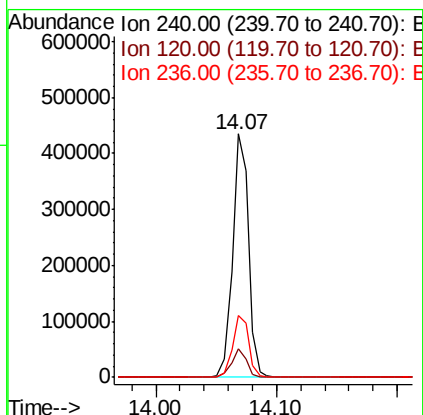
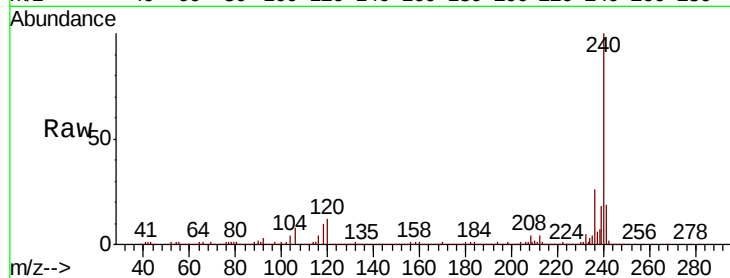




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118100.D
 Acq: 4 Dec 2019 21:43

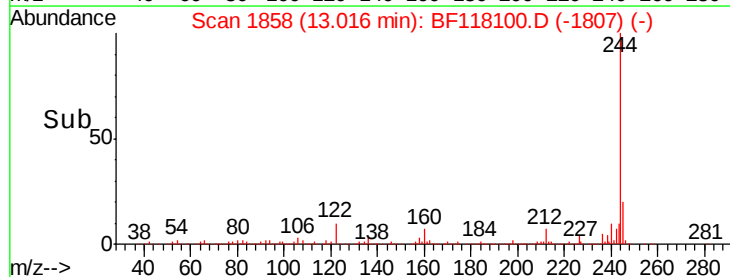
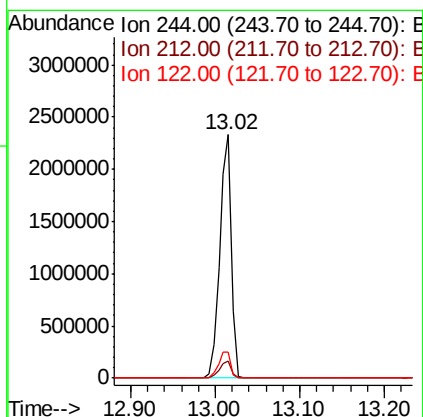
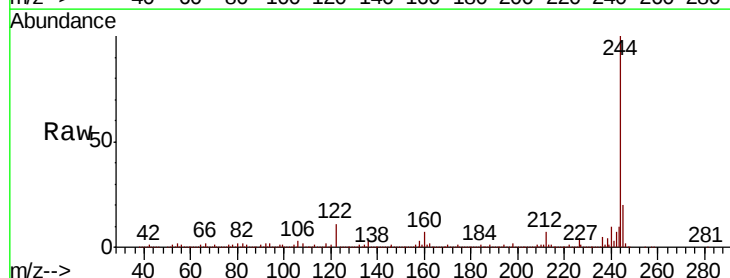
Instrument :
 BNA_F
 ClientSampleId :
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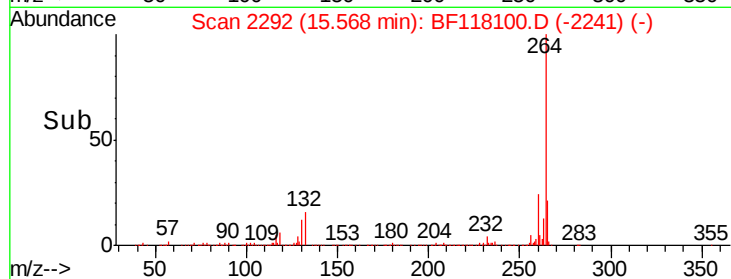
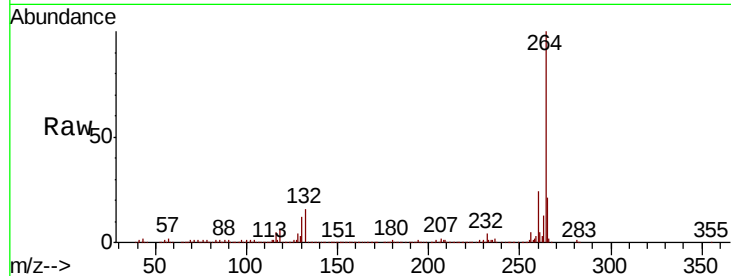
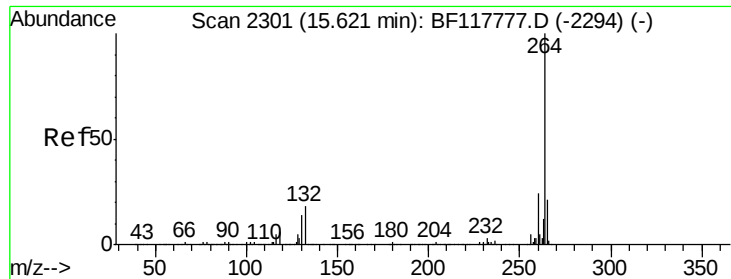
Tot Ion:240 Resp: 400614
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.4 12.6
 236 25.5 20.6 31.0



#79
 Terphenyl-d14
 Concen: 103.367 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BF118100.D
 Acq: 4 Dec 2019 21:43

Tgt Ion:244 Resp: 2265823
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 10.5 7.2 10.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF118100.D
 Acq: 4 Dec 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.0	16.4	24.6

