

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115942.D
 Acq On : 2 Aug 2019 13:09
 Operator : HP/JU
 Sample : K4045-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW7-20190726-QC

Quant Time: Aug 02 16:44:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

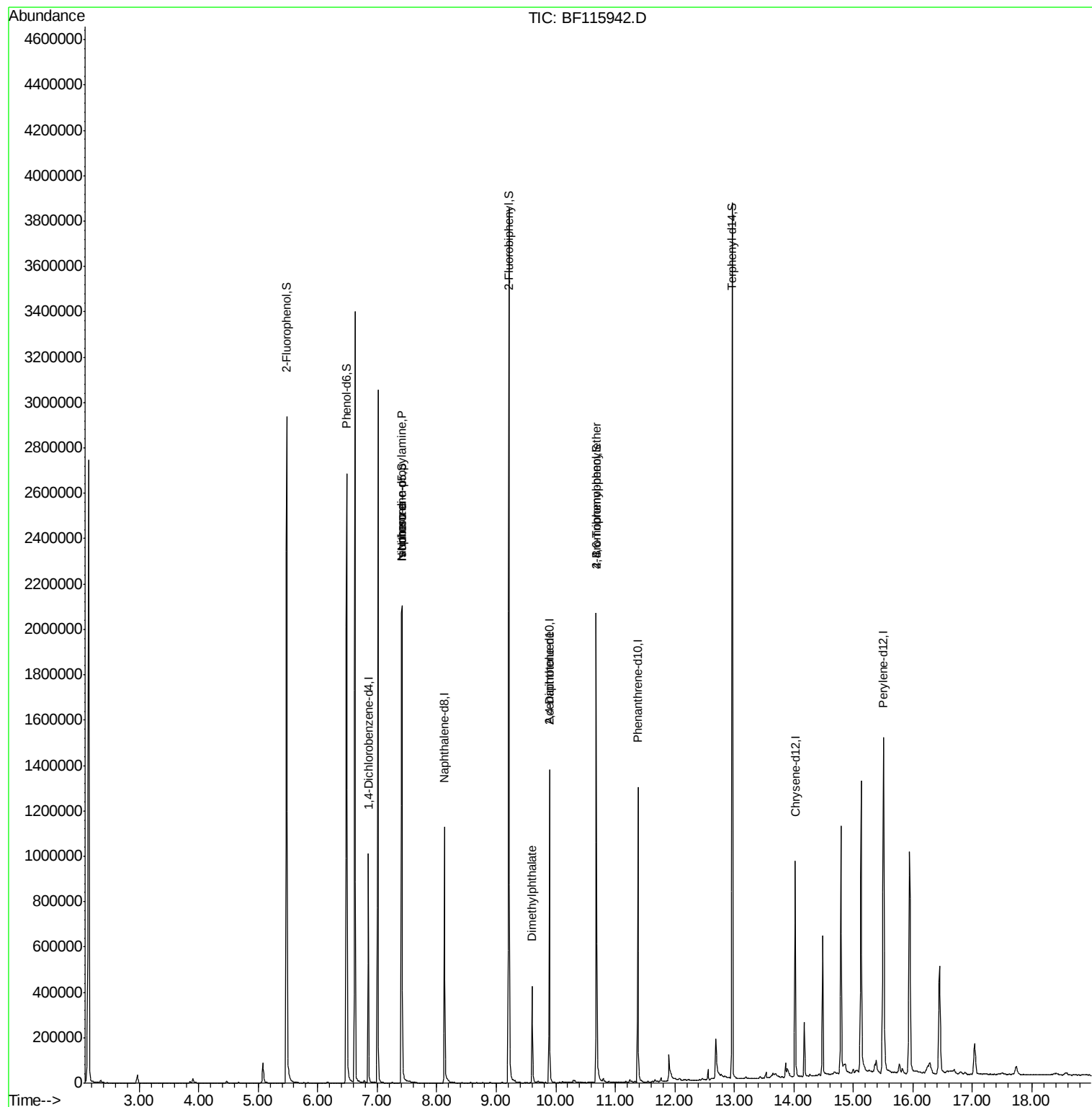
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138093	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	526444	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	278201	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	488114	20.00	ng	0.00
76) Chrysene-d12	14.02	240	323024	20.00	ng	0.00
87) Perylene-d12	15.50	264	320959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	876464	106.25	ng	0.01
7) Phenol-d6	6.49	99	1003175	96.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	837889	91.87	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	293798	108.93	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1403344	94.48	ng	0.00
79) Terphenyl-d14	12.97	244	1519464	99.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	110204	17.088	ng	# 79
25) Isophorone	7.42	82	831765	47.695	ng	# 66
50) Dimethylphthalate	9.60	163	183206	9.672	ng	99
57) 2,4-Dinitrotoluene	9.89	165	35979	6.565	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	18354	3.513	ng	# 1

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

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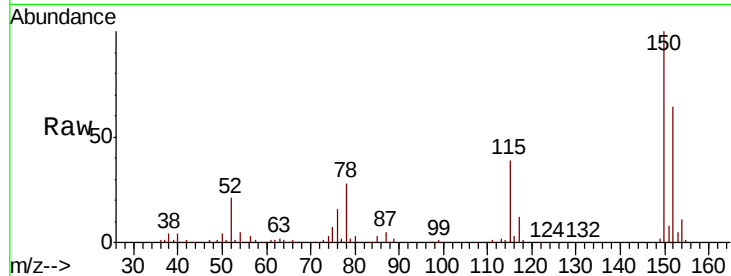


#1

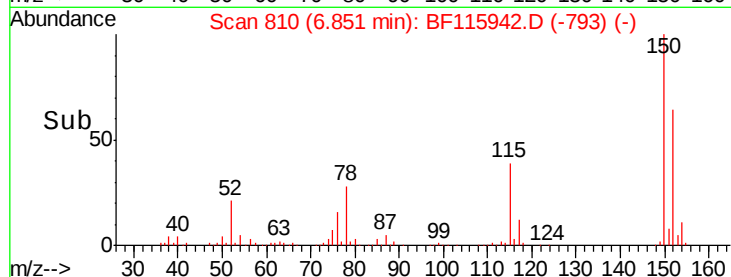
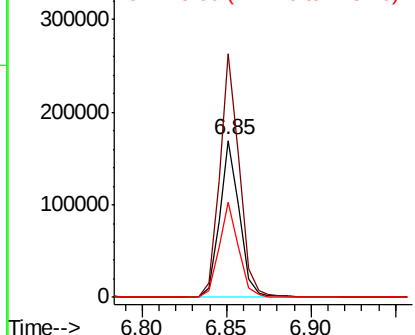
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115942.D
Acq: 2 Aug 2019 13:09

Instrument :
BNA_F
ClientSampleId :
GW7-20190726-QC

Tot Ion:152 Resp: 138093
Ion Ratio Lower Upper
152 100
150 155.3 127.4 191.0
115 61.1 51.8 77.8



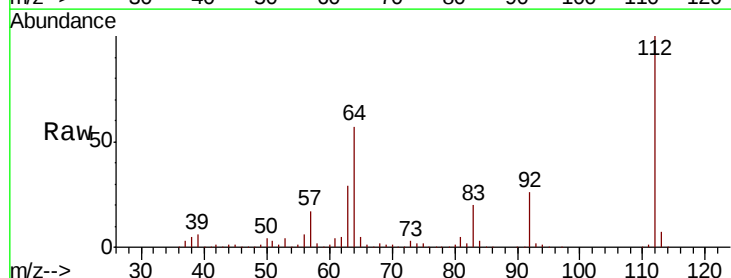
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



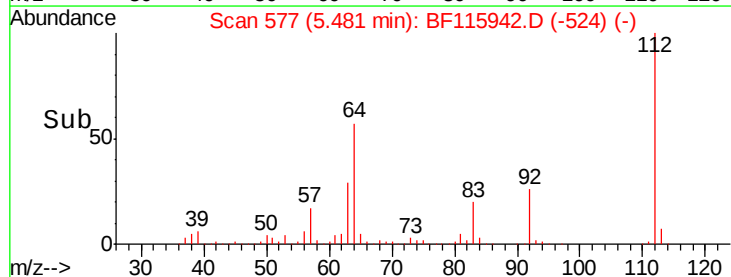
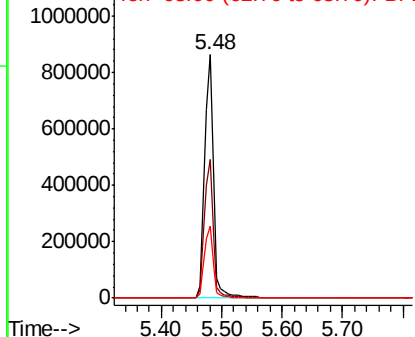
#5

2-Fluorophenol
Concen: 106.251 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115942.D
Acq: 2 Aug 2019 13:09

Tgt Ion:112 Resp: 876464
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.4 24.2 36.2



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: 96.389 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

Instrument :

BNA_F

ClientSampleId :

GW7-20190726-QC

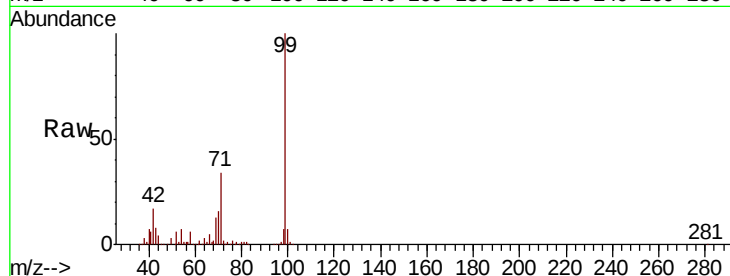
Tot Ion: 99 Resp: 1003175

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

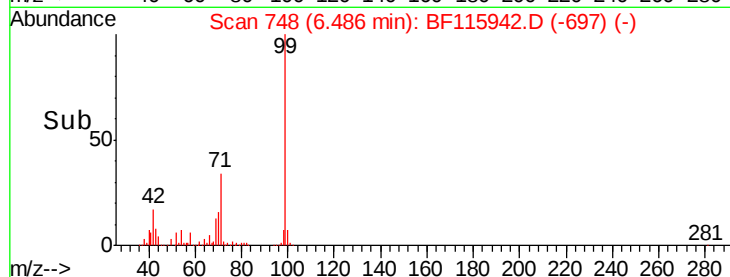
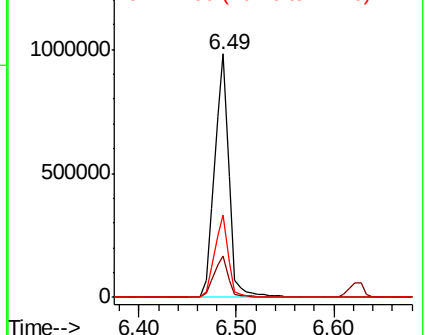
71 33.8 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.088 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

Tgt Ion: 70 Resp: 110204

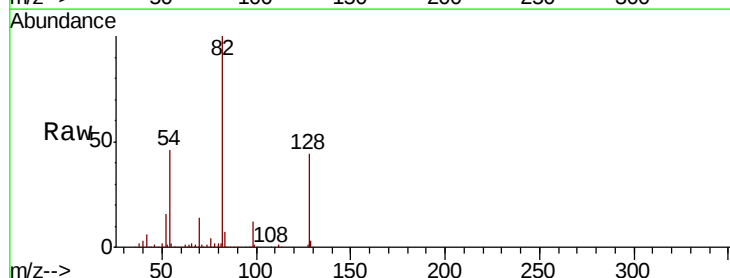
Ion Ratio Lower Upper

70 100

42 43.7 41.8 62.8

101 0.0 7.7 11.5#

130 2.4 17.8 26.6#

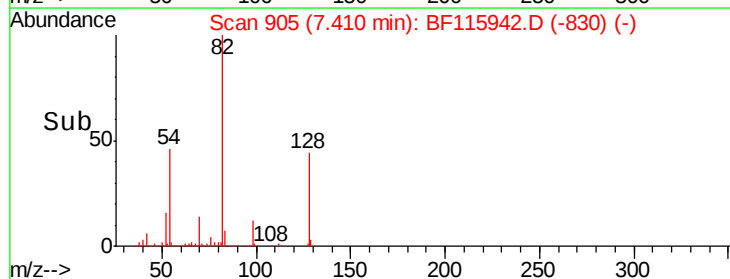
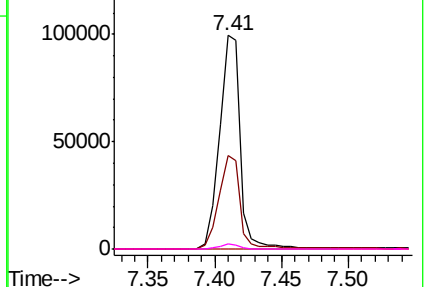


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

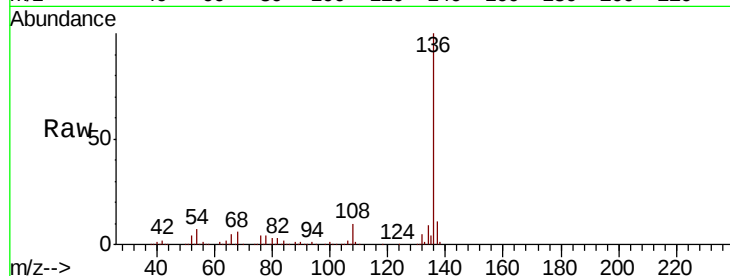




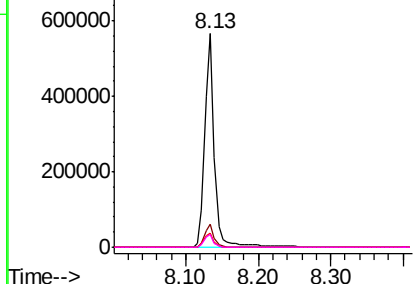
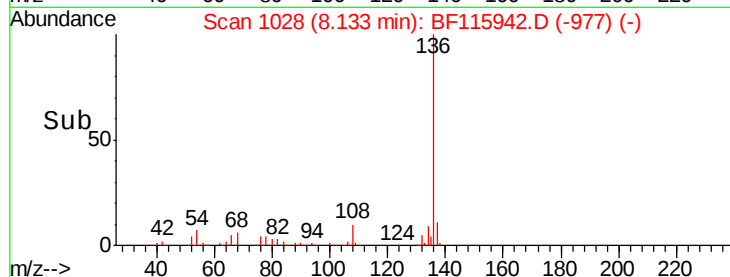
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115942.D
Acq: 2 Aug 2019 13:09

Instrument :
BNA_F
ClientSampleId :
GW7-20190726-QC

Tot Ion:136	Resp:	526444	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.1	13.7	
54 6.7	6.1	9.1	
68 5.7	5.4	8.2	

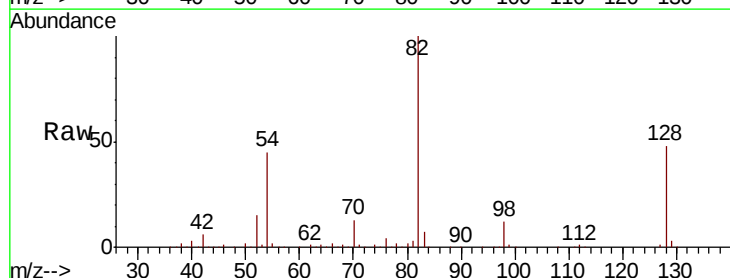


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

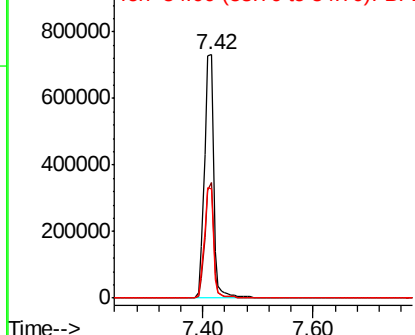
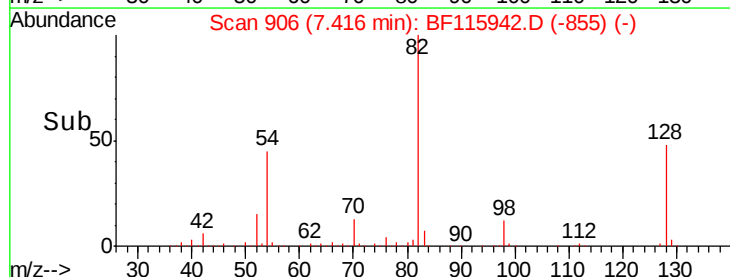


#23
Nitrobenzene-d5
Concen: 91.872 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115942.D
Acq: 2 Aug 2019 13:09

Tgt Ion: 82	Resp: 837889
Ion Ratio	Lower Upper
82 100	
128 47.5	36.6 55.0
54 44.9	36.6 55.0



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





#25

Isophorone

Concen: 47.695 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

Instrument :

BNA_F

ClientSampleId :

GW7-20190726-QC

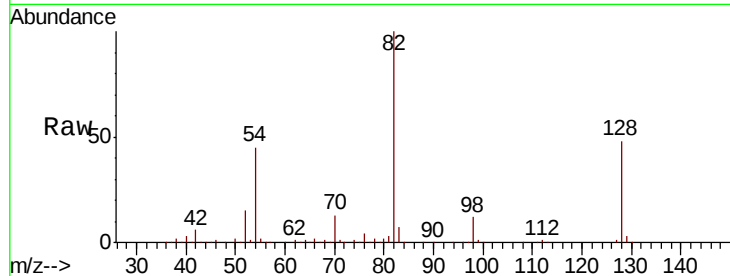
Tot Ion: 82 Resp: 831765

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

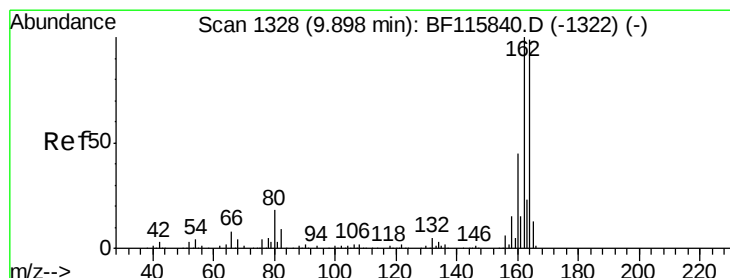
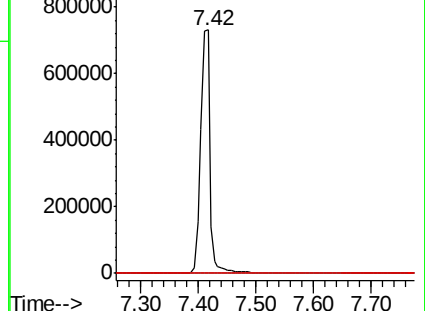
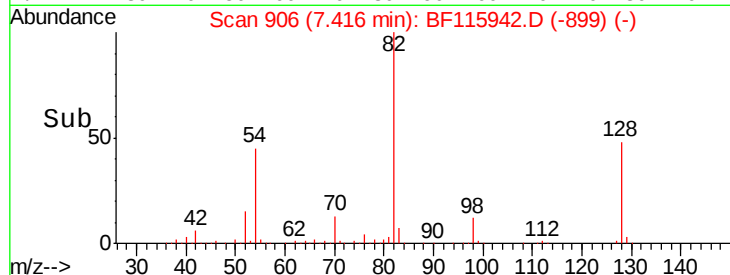
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

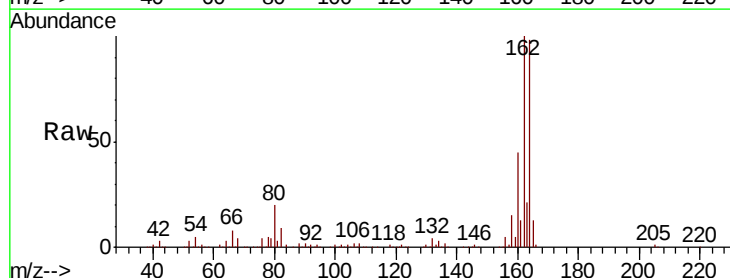
Tgt Ion: 164 Resp: 278201

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

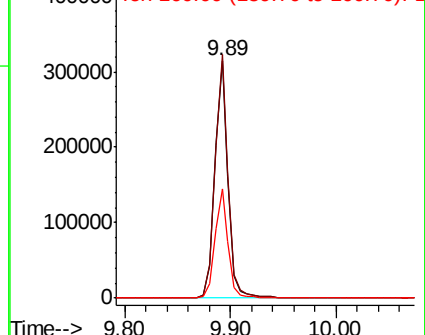
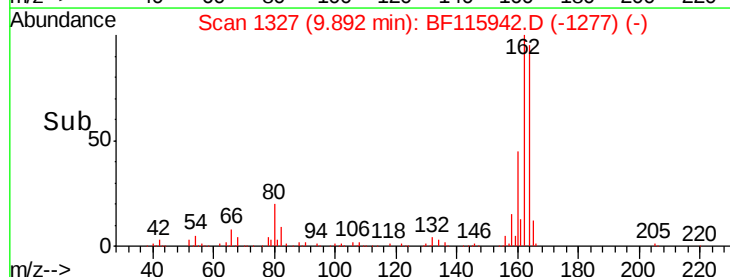
160 46.1 36.2 54.4



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

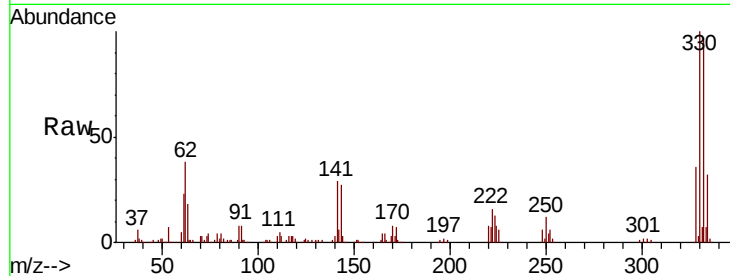




#42
 2,4,6-Tribromophenol
 Concen: 108.926 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115942.D
 Acq: 2 Aug 2019 13:09

Instrument :
 BNA_F
 ClientSampleId :
 GW7-20190726-QC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	34.4	28.1	42.1

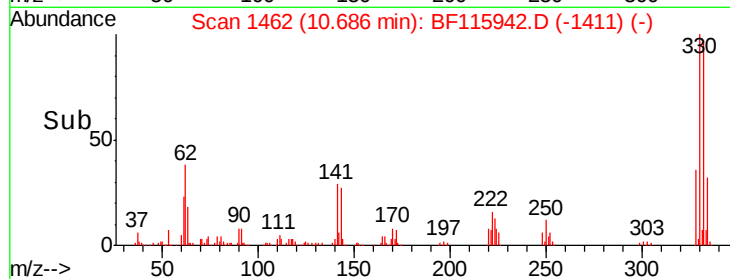
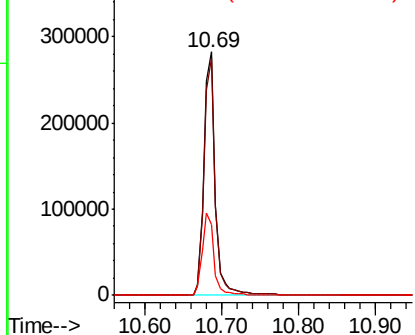


Abundance

Ion 329.80 (329.50 to 330.50): E

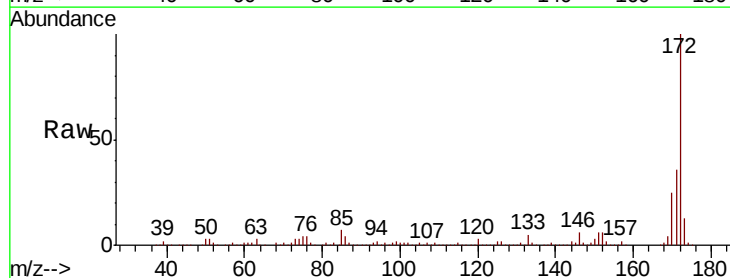
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.484 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF115942.D
 Acq: 2 Aug 2019 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.8	20.1	30.1

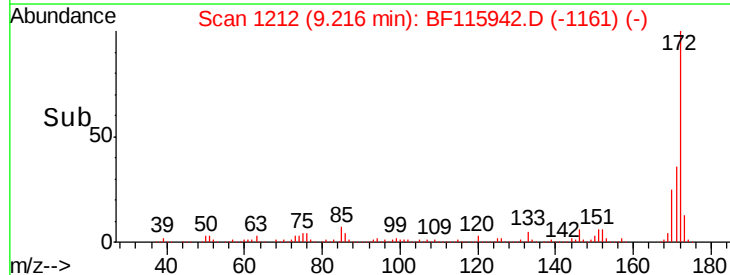
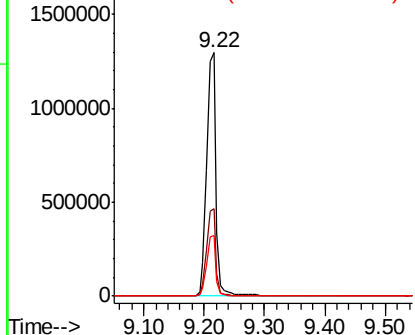


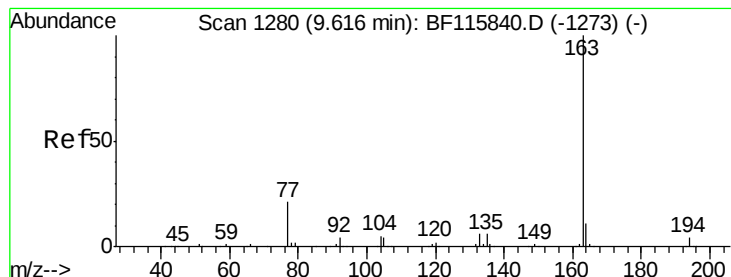
Abundance

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: 9.672 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

Instrument :

BNA_F

ClientSampleId :

GW7-20190726-QC

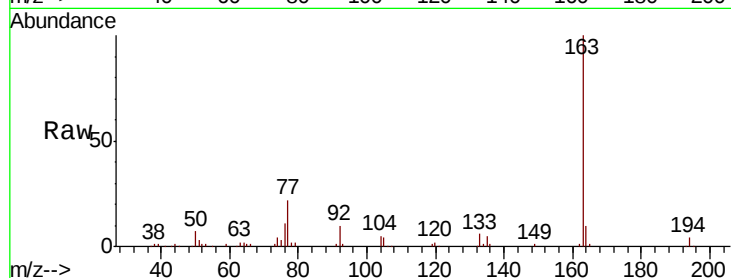
Tot Ion:163 Resp: 183206

Ion Ratio Lower Upper

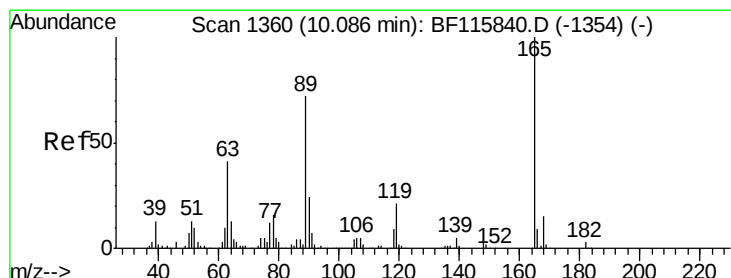
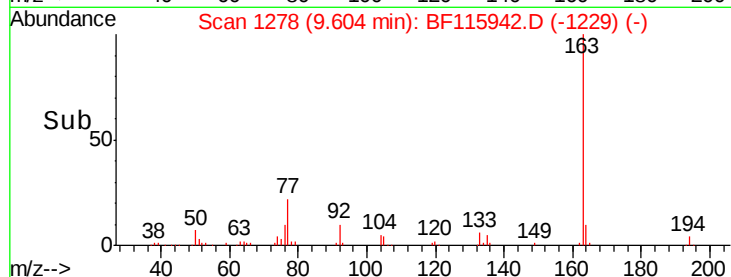
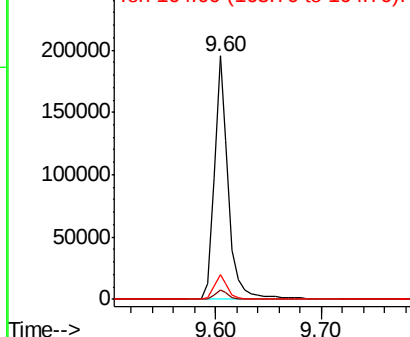
163 100

194 3.6 3.0 4.6

164 10.2 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.565 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

Tgt Ion:165 Resp: 35979

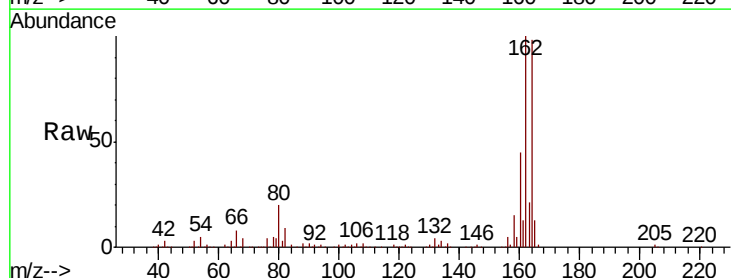
Ion Ratio Lower Upper

165 100

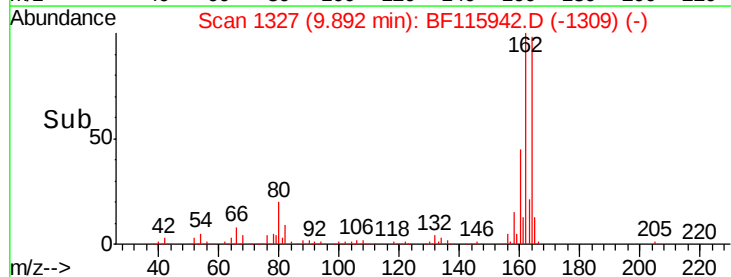
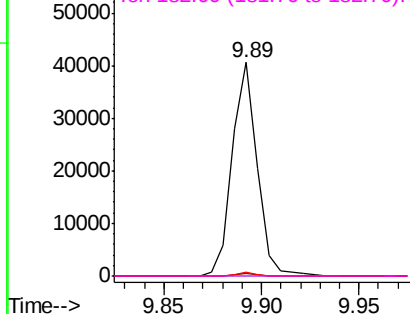
63 1.4 33.2 49.8#

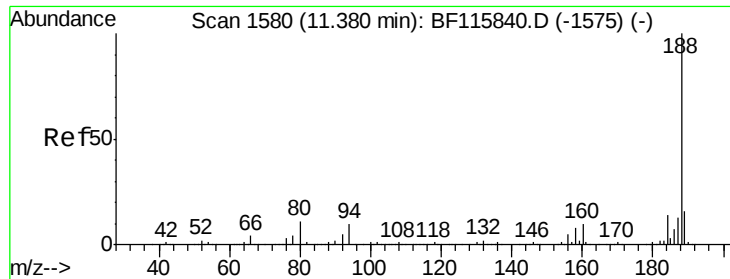
89 1.6 57.3 85.9#

182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

Instrument :

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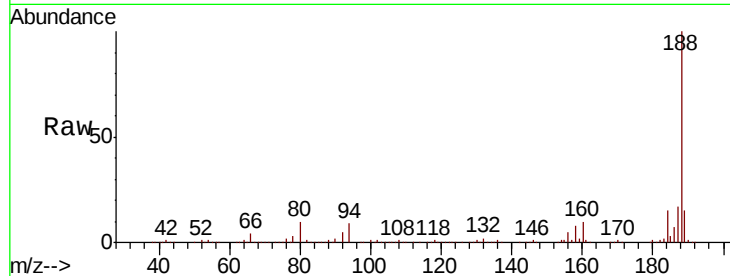
Tot Ion:188 Resp: 488114

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

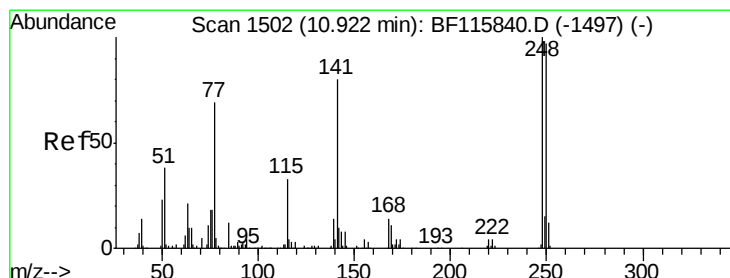
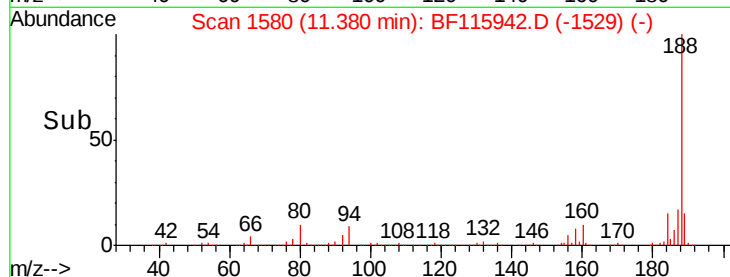
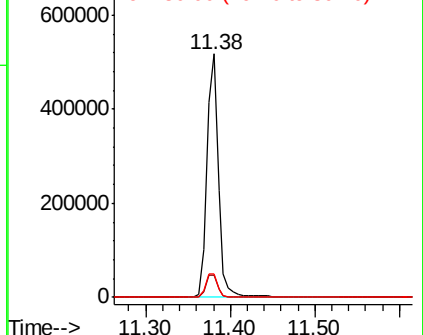
80 9.9 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 3.513 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.24 min

Lab File: BF115942.D

Acq: 2 Aug 2019 13:09

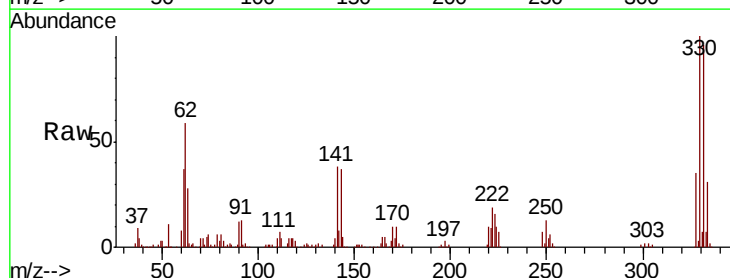
Tgt Ion:248 Resp: 18354

Ion Ratio Lower Upper

248 100

250 192.9 77.8 116.6#

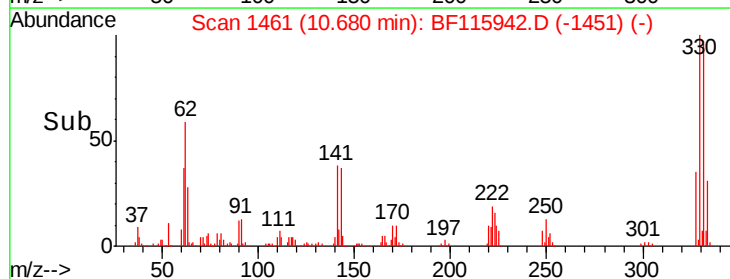
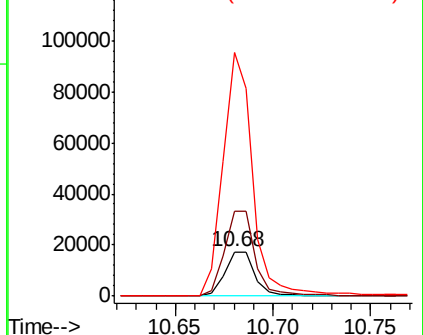
141 553.1 64.3 96.5#

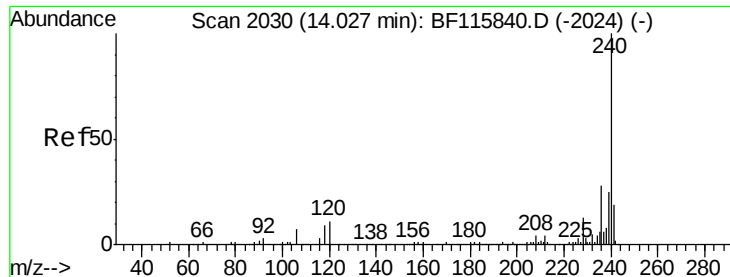


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

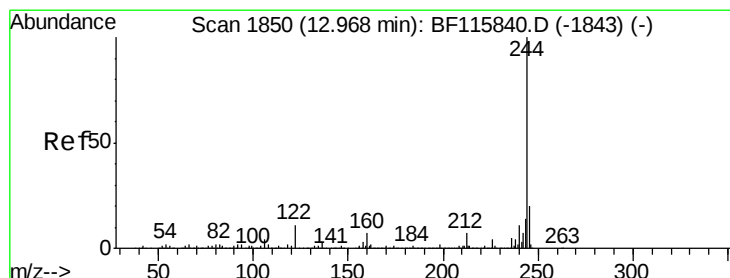
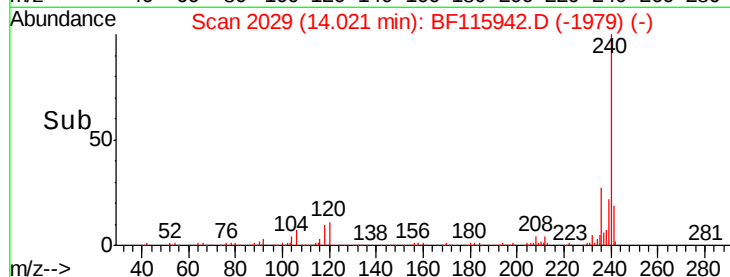
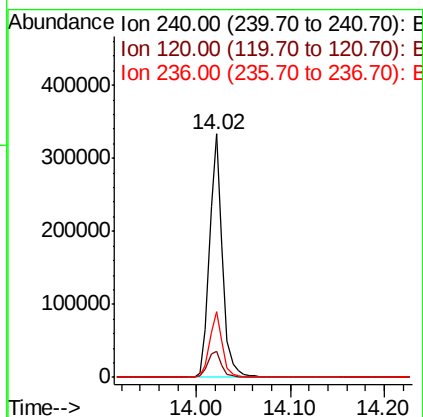
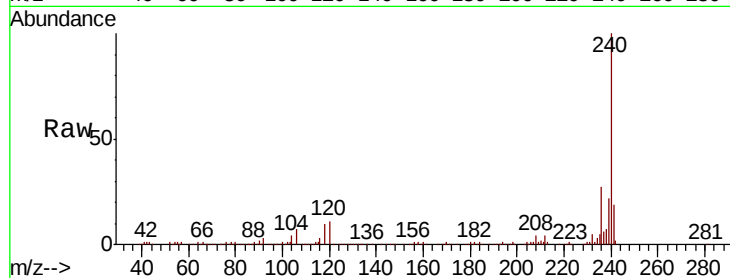




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115942.D
 Acq: 2 Aug 2019 13:09

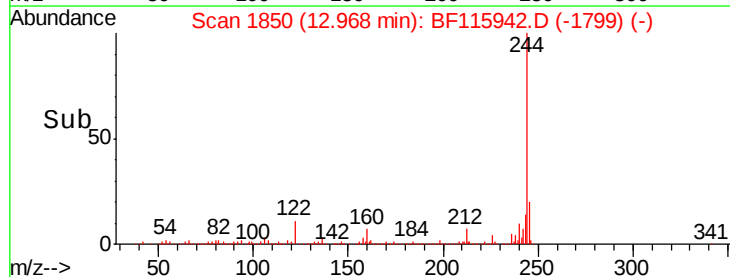
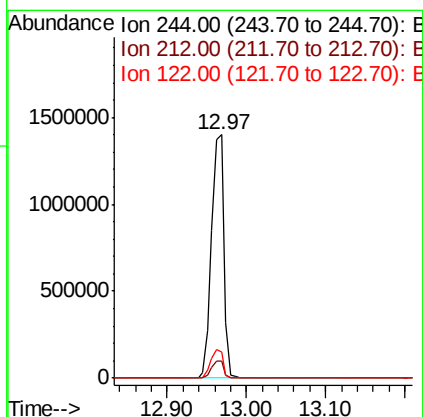
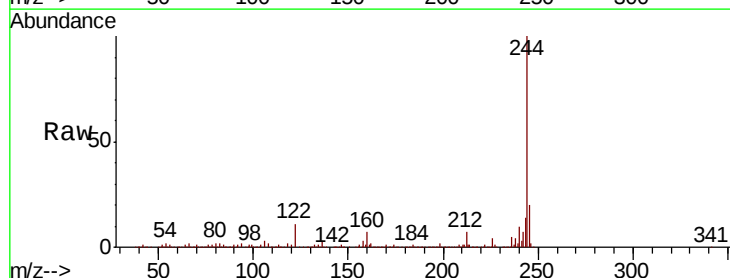
Instrument :
 BNA_F
 ClientSampleId :
 GW7-20190726-QC

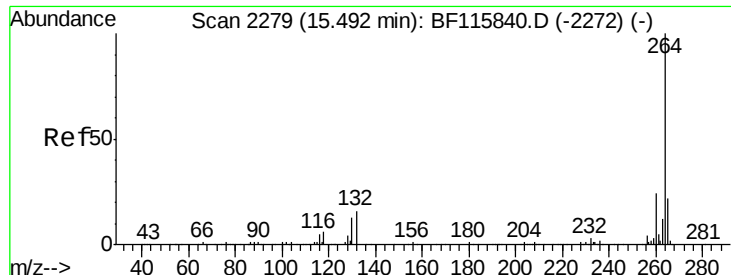
Tot Ion:240 Resp: 323024
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.5 12.7
 236 26.9 22.2 33.2



#79
 Terphenyl-d14
 Concen: 99.118 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115942.D
 Acq: 2 Aug 2019 13:09

Tgt Ion:244 Resp: 1519464
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.6 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF115942.D
 Acq: 2 Aug 2019 13:09

Instrument :
 BNA_F
 ClientSampleId :
 GW7-20190726-QC

Tot Ion:	264	Resp:	320959
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	17.5	26.3

