

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115943.D
 Acq On : 2 Aug 2019 13:35
 Operator : HP/JU
 Sample : K4045-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW7-20190726

Quant Time: Aug 02 16:44:48 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

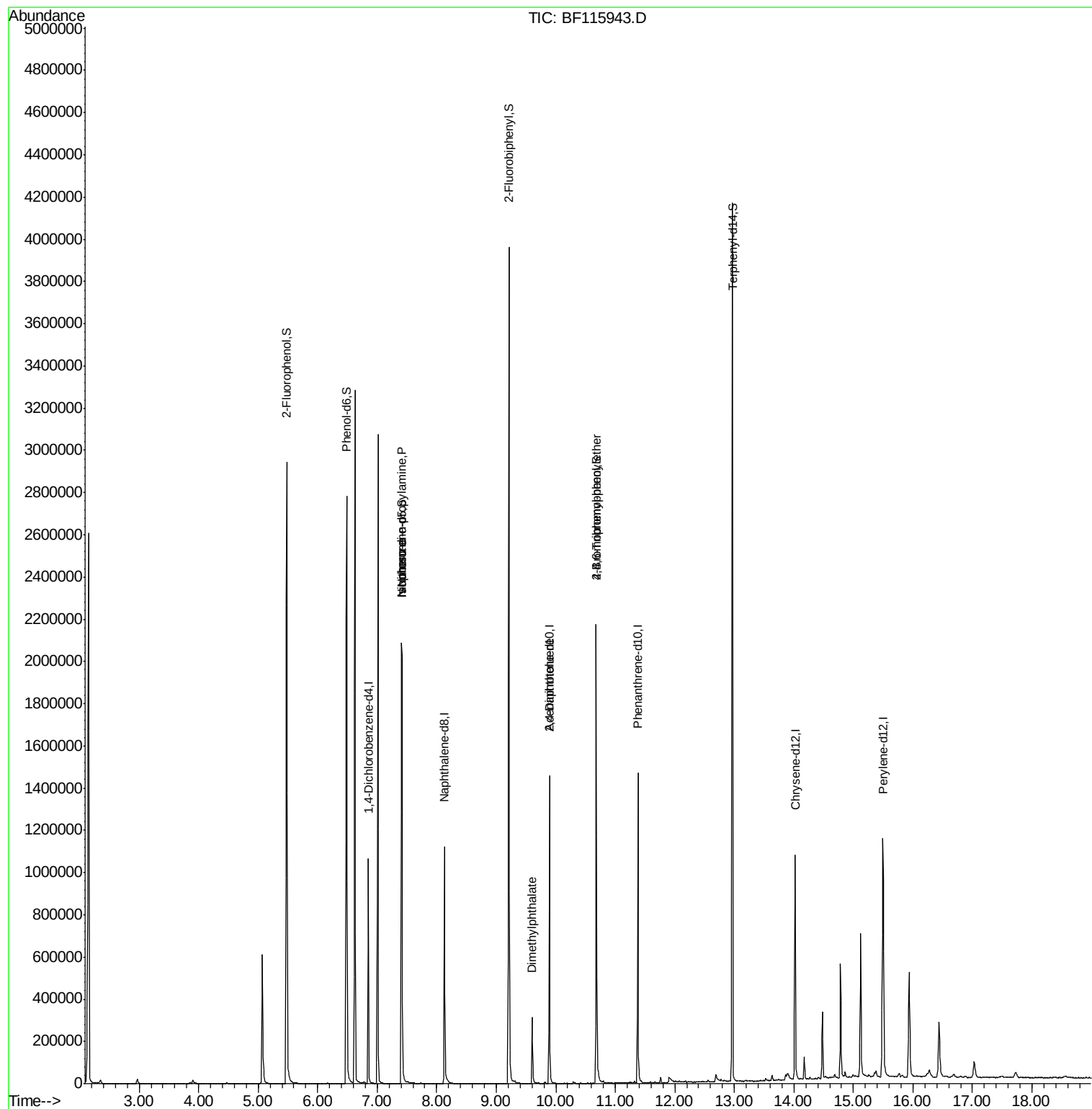
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143323	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	557661	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	296442	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	539009	20.00	ng	0.00
76) Chrysene-d12	14.02	240	376968	20.00	ng	0.00
87) Perylene-d12	15.49	264	367467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	874722	102.17	ng	0.01
7) Phenol-d6	6.49	99	1018662	94.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	826823	85.58	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	303034	105.44	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1409252	89.04	ng	0.00
79) Terphenyl-d14	12.97	244	1601046	89.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	113276	16.923	ng	# 79
25) Isophorone	7.41	82	823056	44.554	ng	# 66
50) Dimethylphthalate	9.60	163	137237	6.799	ng	99
57) 2,4-Dinitrotoluene	9.89	165	37560	6.431	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	18580	3.220	ng	# 1

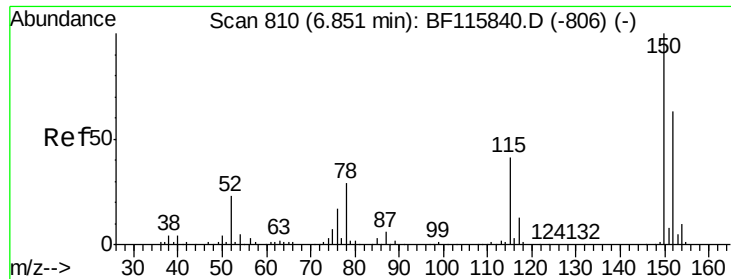
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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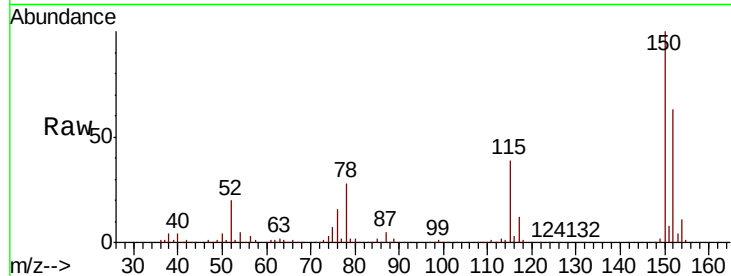




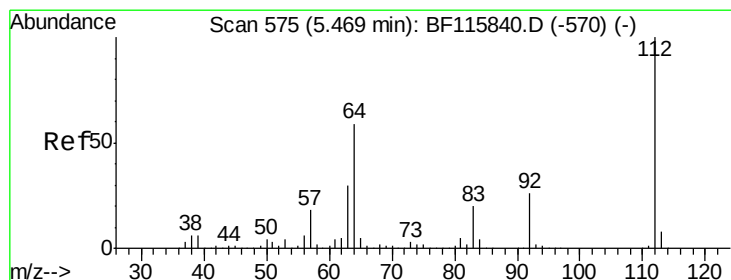
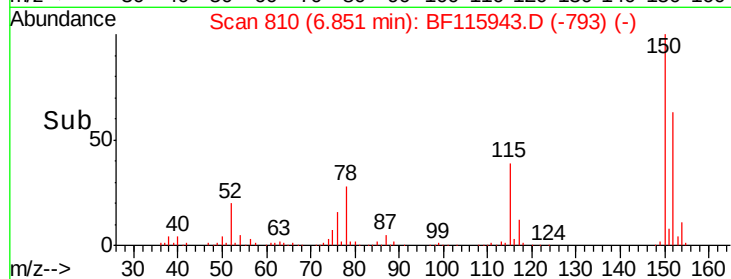
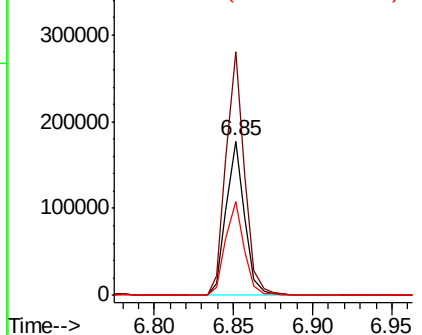
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115943.D
 Acq: 2 Aug 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :
 GW7-20190726

Tot Ion:152 Resp: 143323
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.4 191.0
 115 61.2 51.8 77.8

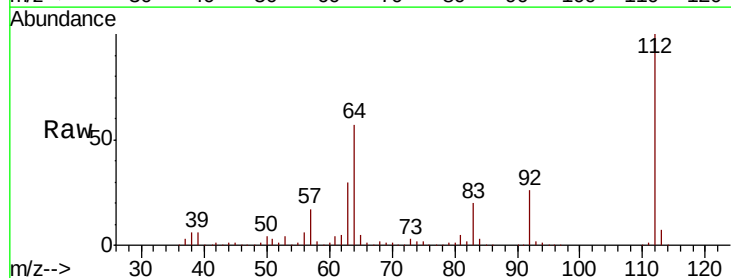


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

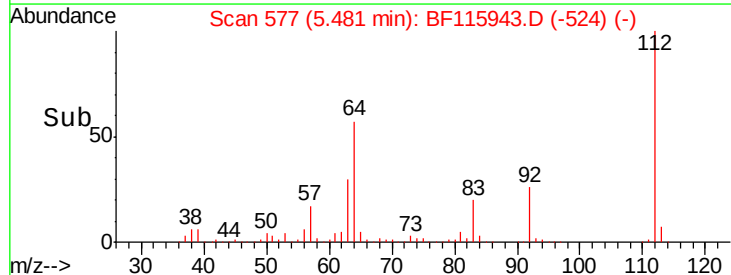
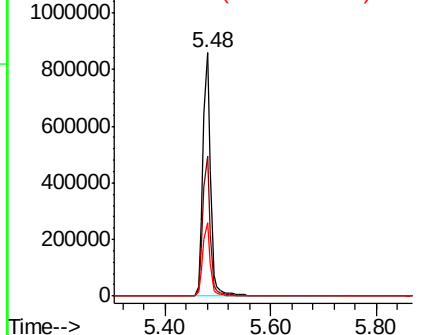


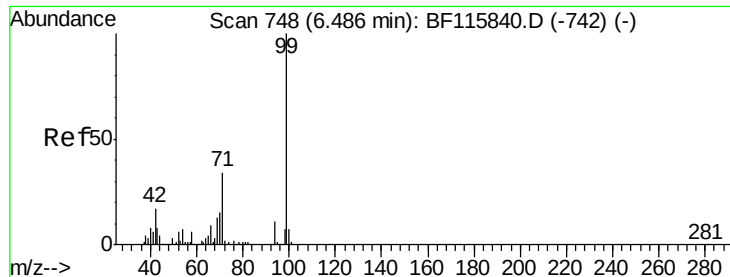
#5
 2-Fluorophenol
 Concen: 102.171 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115943.D
 Acq: 2 Aug 2019 13:35

Tgt Ion:112 Resp: 874722
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.8 70.2
 63 30.0 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: 94.306 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

Instrument :

BNA_F

ClientSampleId :

GW7-20190726

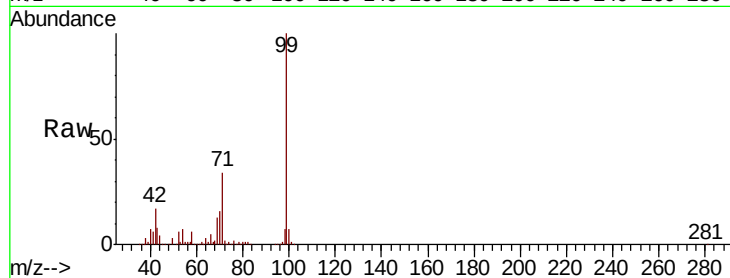
Tot Ion: 99 Resp: 1018662

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

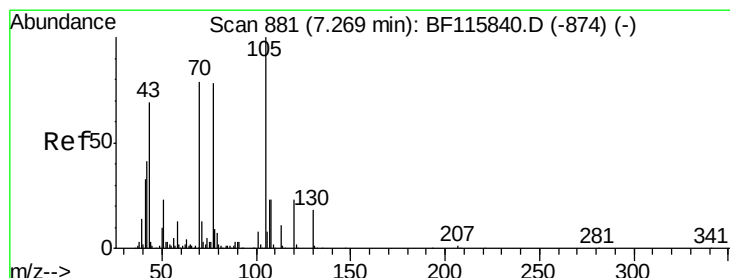
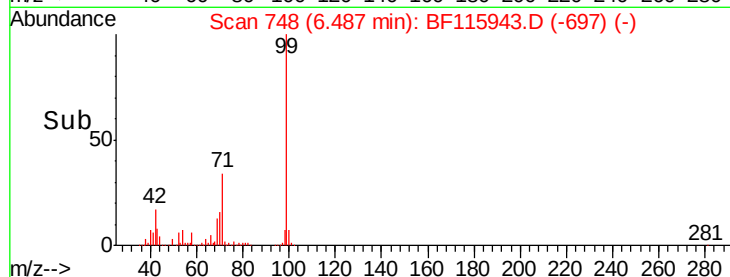
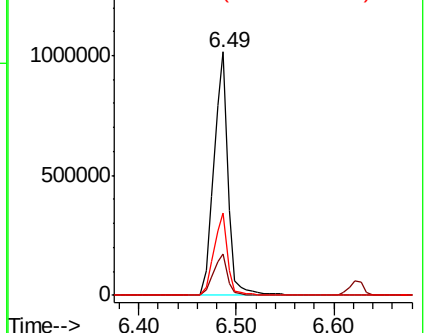
71 33.9 27.1 40.7



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: 16.923 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

Tgt Ion: 70 Resp: 113276

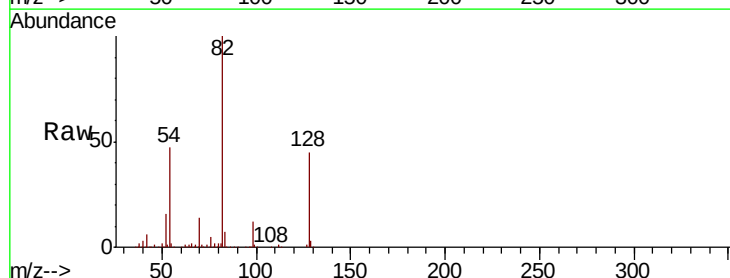
Ion Ratio Lower Upper

70 100

42 44.5 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

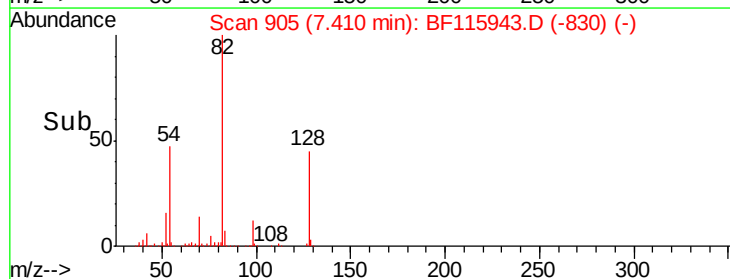
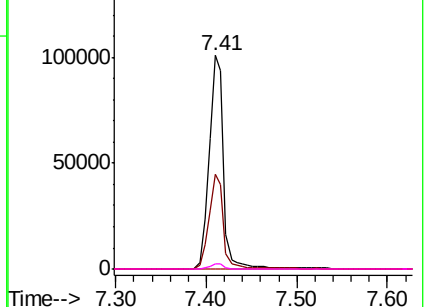


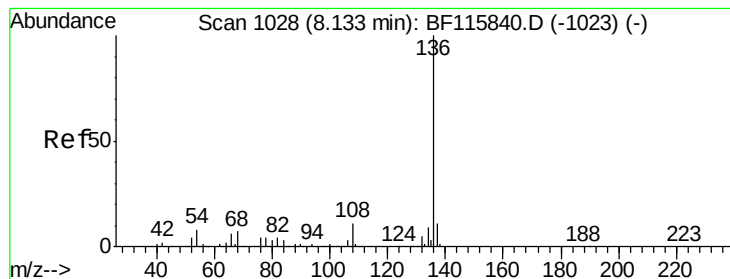
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115943.D

Acq: 2 Aug 2019 13:35

Instrument :

BNA_F

ClientSampleId :

GW7-20190726

Tot Ion:136 Resp: 557661

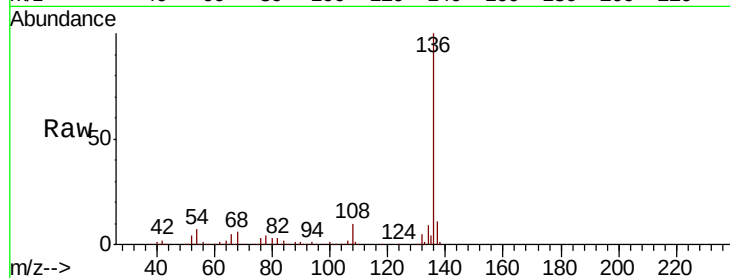
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.7 6.1 9.1

68 5.6 5.4 8.2

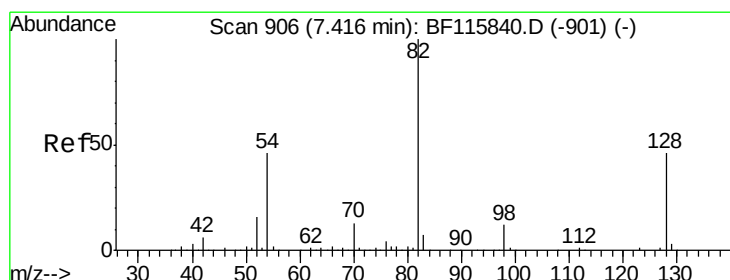
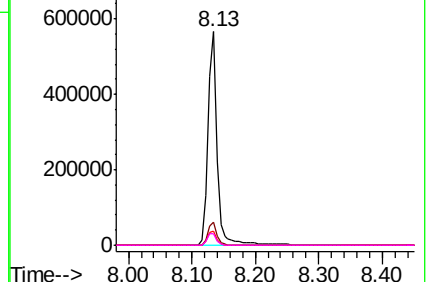
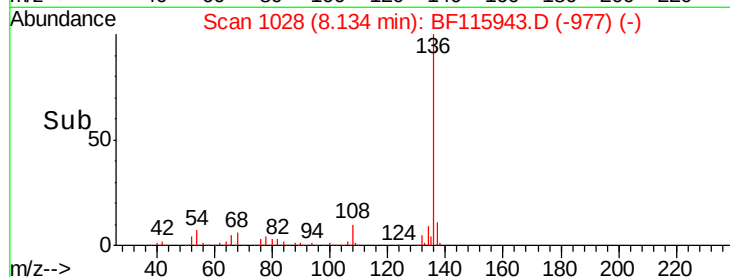


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.584 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

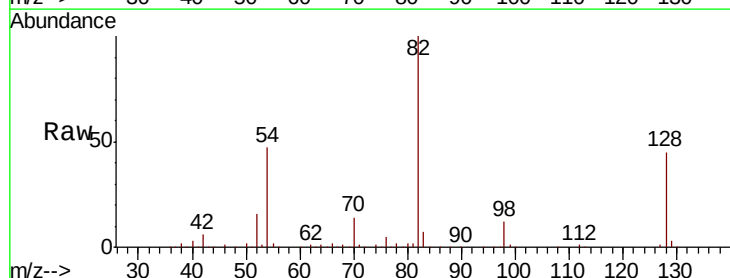
Tgt Ion: 82 Resp: 826823

Ion Ratio Lower Upper

82 100

128 44.7 36.6 55.0

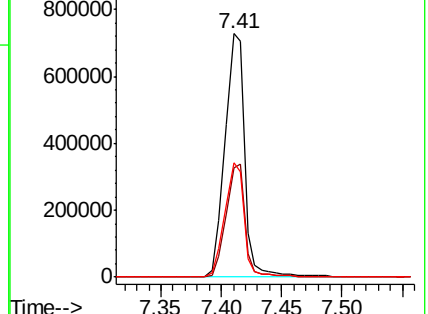
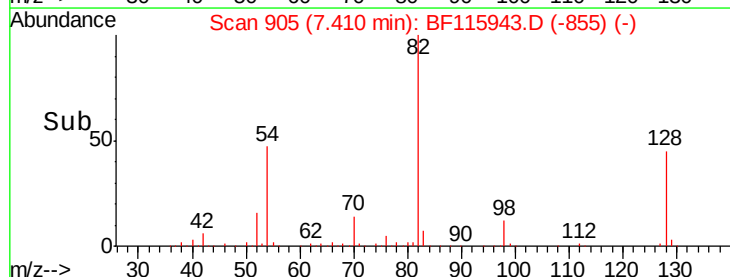
54 46.7 36.6 55.0

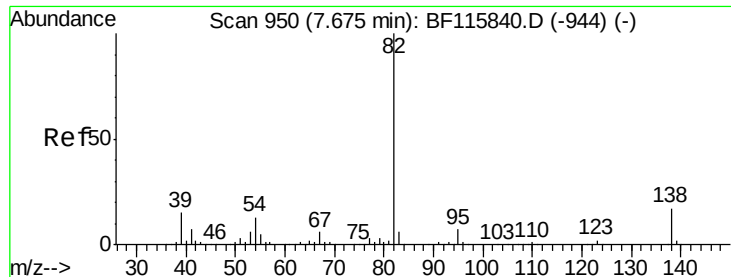


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.554 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

Instrument :

BNA_F

ClientSampleId :

GW7-20190726

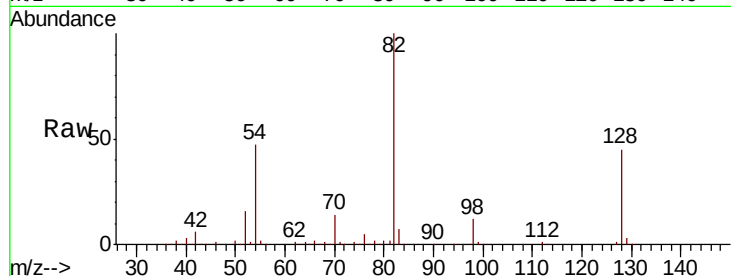
Tot Ion: 82 Resp: 823056

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

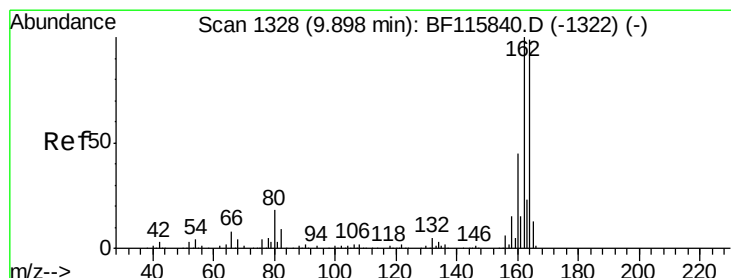
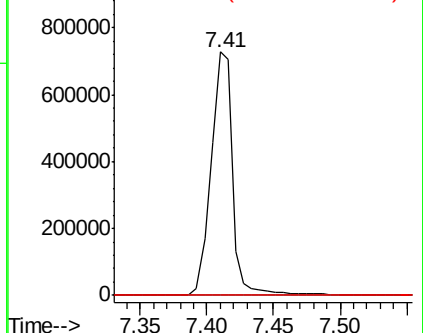
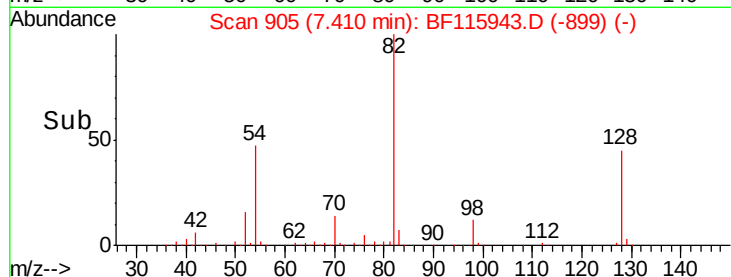
138 0.0 13.9 20.9#



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: BF115943.D

Acq: 2 Aug 2019 13:35

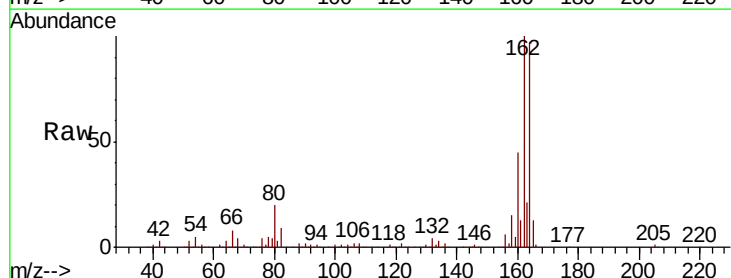
Tgt Ion:164 Resp: 296442

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

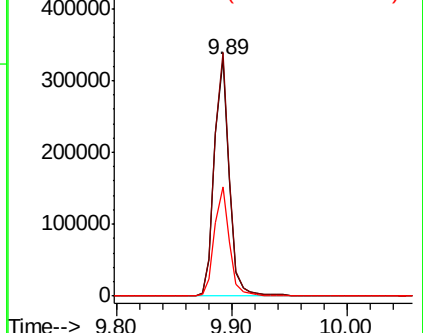
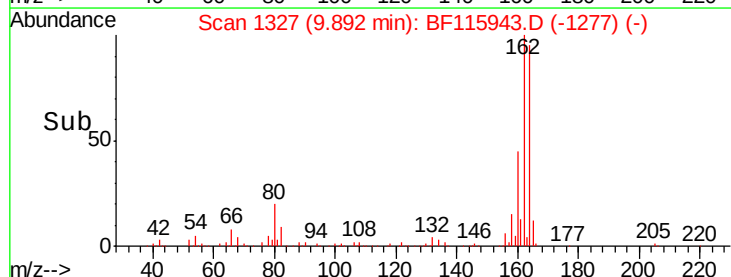
160 45.9 36.2 54.4

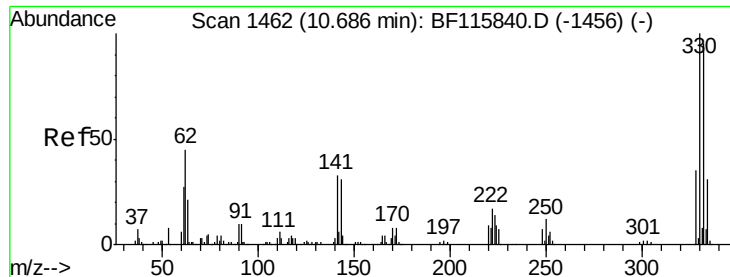


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 105.437 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

Instrument :

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ClientSampleId :

GW7-20190726

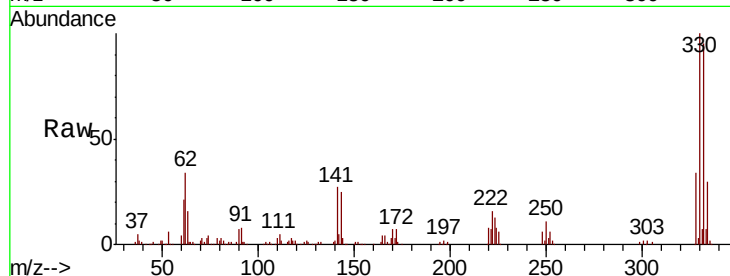
Tot Ion:330 Resp: 303034

Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

141 34.5 28.1 42.1

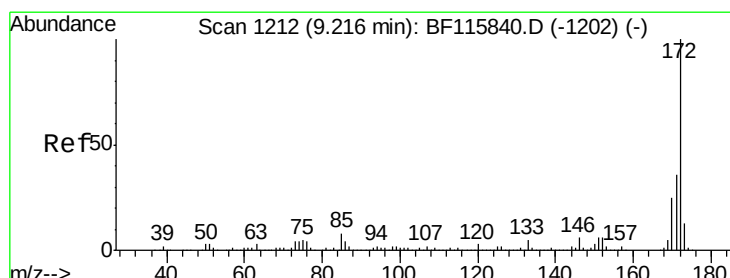
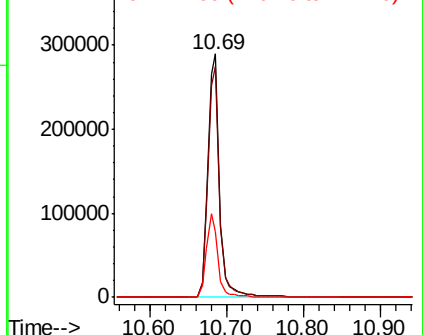
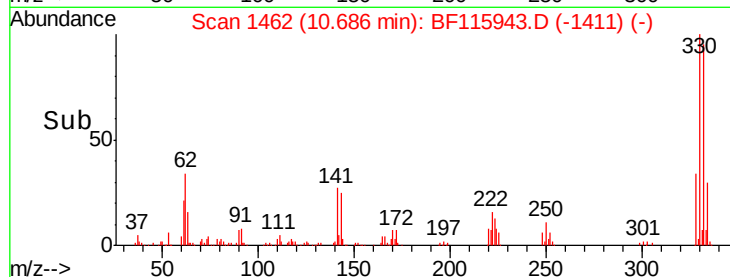


Abundance

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: 89.044 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

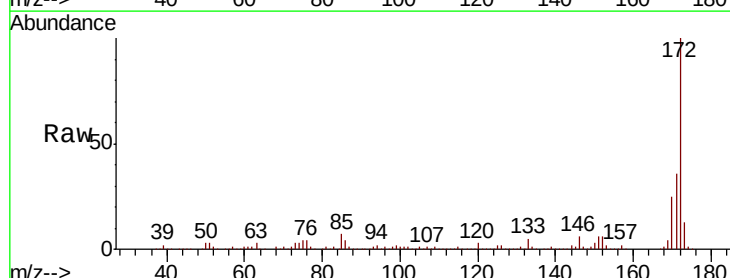
Tgt Ion:172 Resp: 1409252

Ion Ratio Lower Upper

172 100

171 36.5 29.1 43.7

170 25.4 20.1 30.1

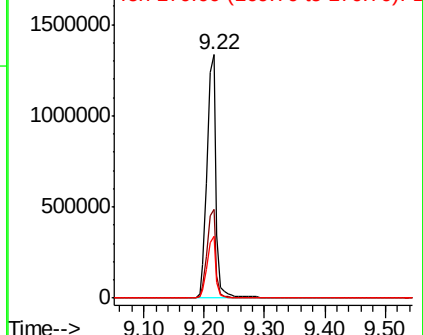
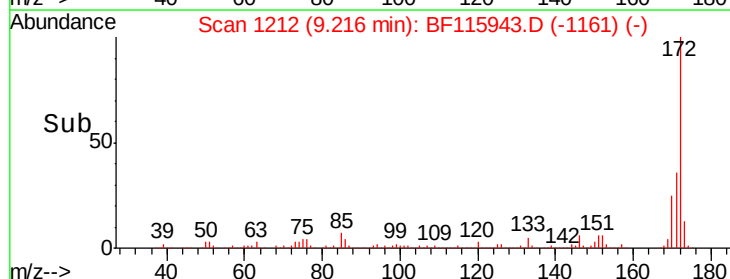


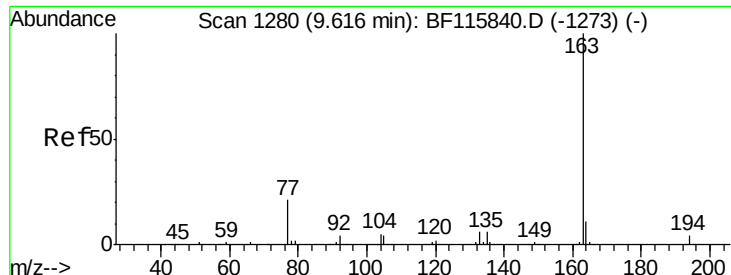
Abundance

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

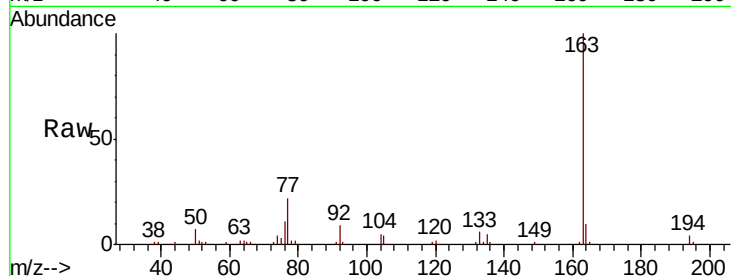




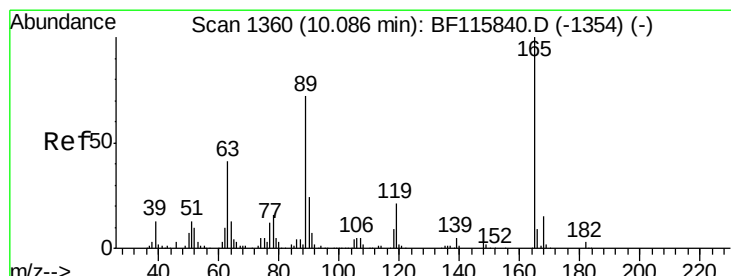
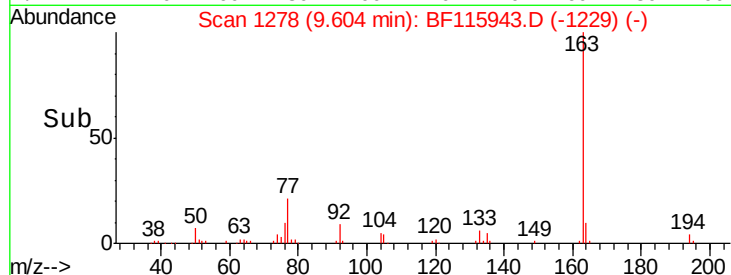
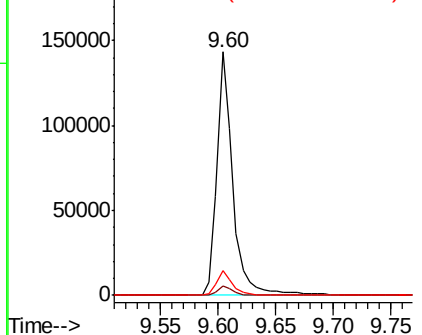
#50
 Dimethylphthalate
 Concen: 6.799 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF115943.D
 Acq: 2 Aug 2019 13:35

Instrument :
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Tot Ion:163	Resp: 137237
Ion Ratio	Lower Upper
163 100	
194 3.9	3.0 4.6
164 10.2	8.4 12.6

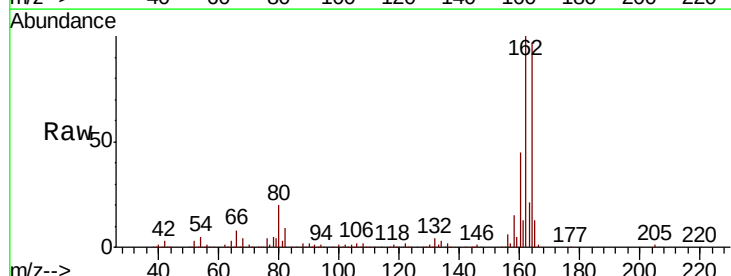


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

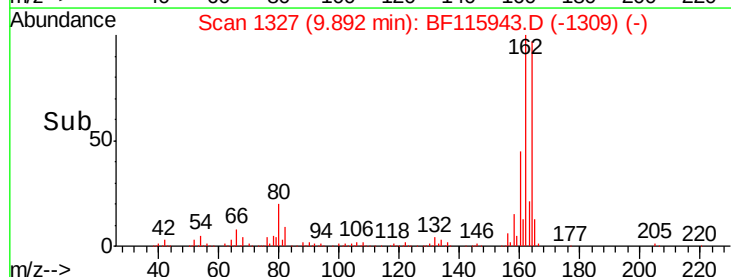
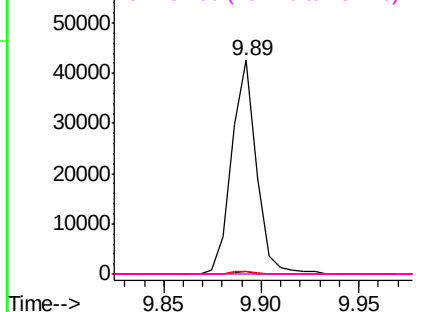


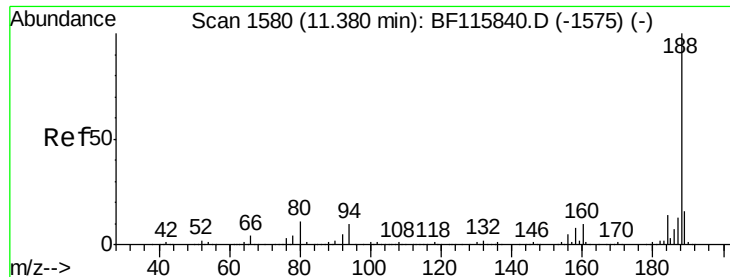
#57
 2,4-Dinitrotoluene
 Concen: 6.431 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115943.D
 Acq: 2 Aug 2019 13:35

Tgt	Ion:165	Resp:	37560
Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.2	49.8#
89	1.4	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: BF115943.D

Acq: 2 Aug 2019 13:35

Instrument :

BNA_F

ClientSampleId :

GW7-20190726

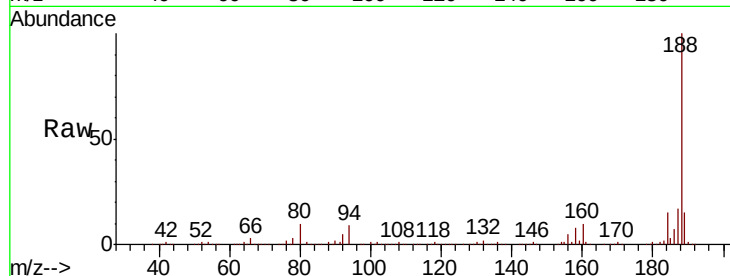
Tot Ion:188 Resp: 539009

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

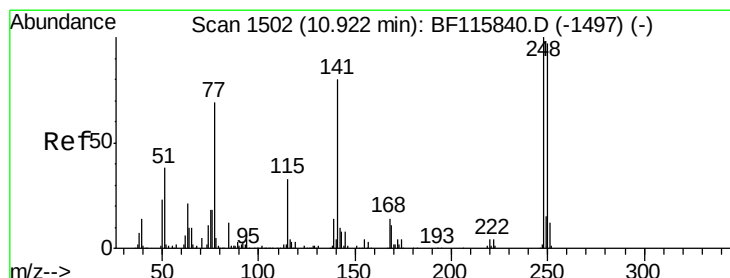
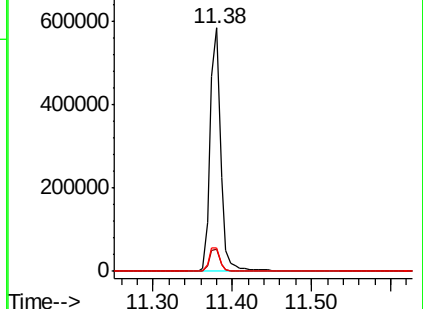
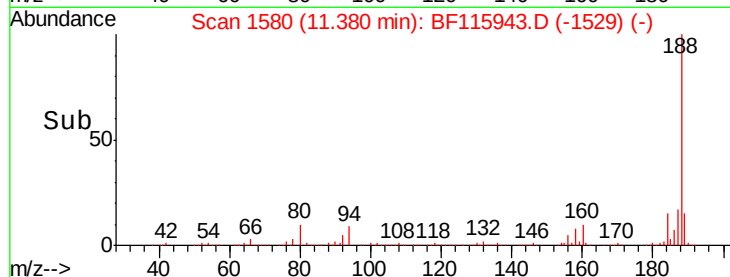
80 9.7 8.6 12.8



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: 3.220 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.24 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

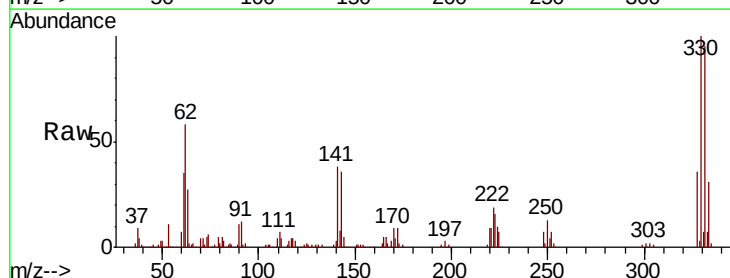
Tgt Ion:248 Resp: 18580

Ion Ratio Lower Upper

248 100

250 194.9 77.8 116.6#

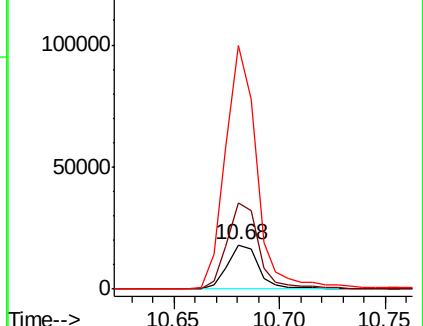
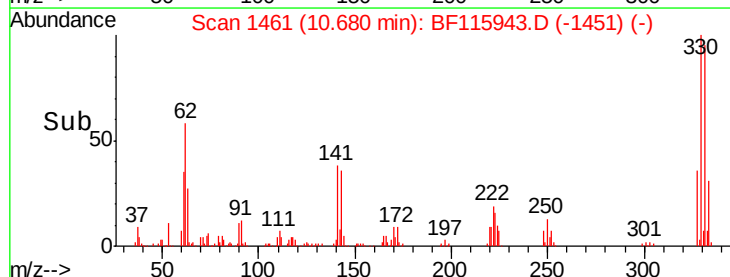
141 553.3 64.3 96.5#

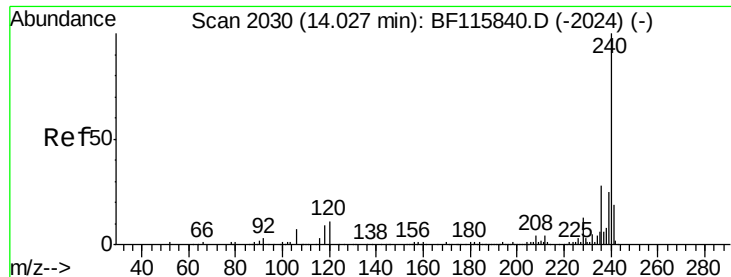


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115943.D

Acq: 2 Aug 2019 13:35

Instrument :

BNA_F

ClientSampleId :

GW7-20190726

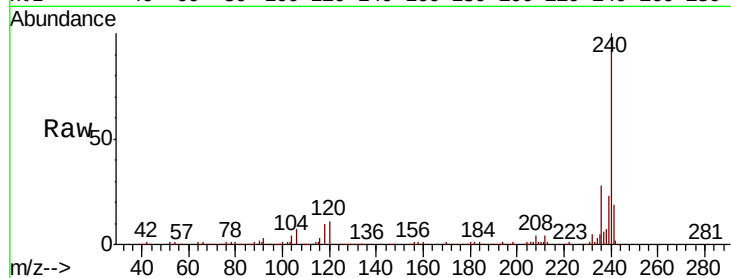
Tot Ion:240 Resp: 376968

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

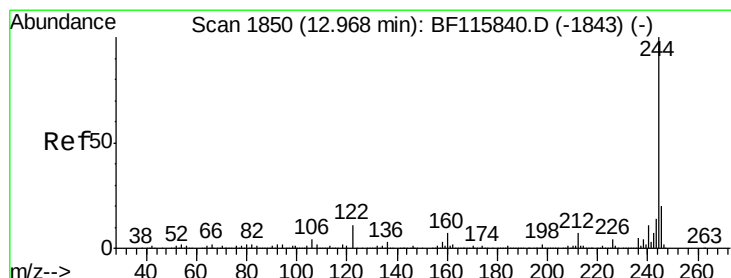
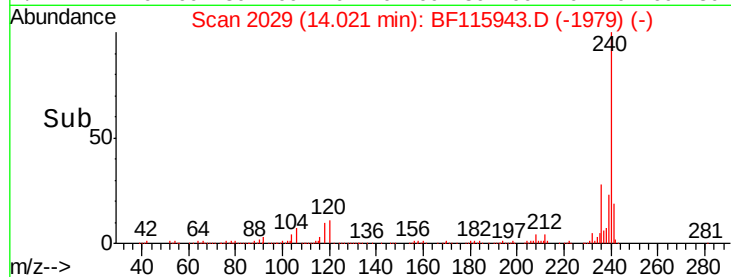
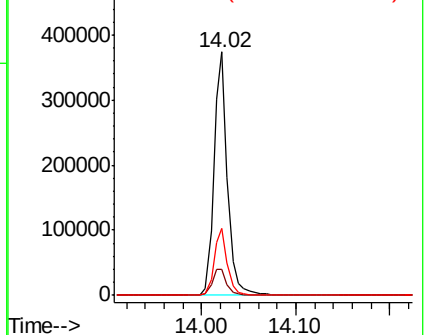
236 27.6 22.2 33.2



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: 89.495 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115943.D

Acq: 2 Aug 2019 13:35

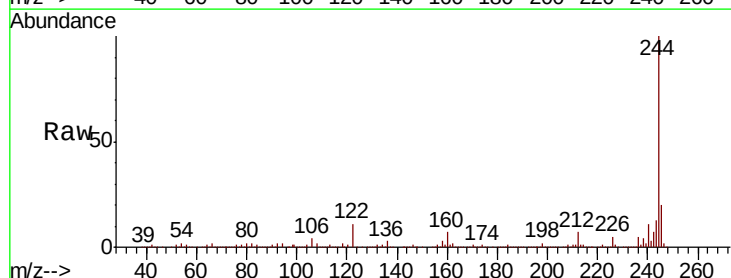
Tgt Ion:244 Resp: 1601046

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

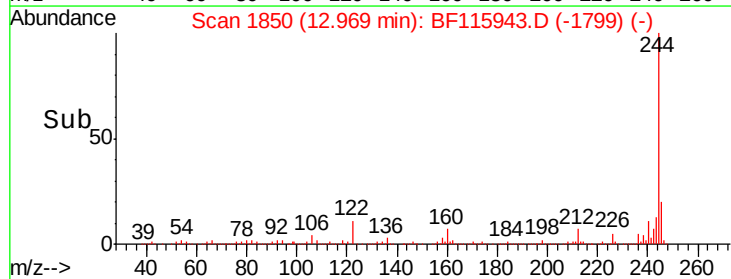
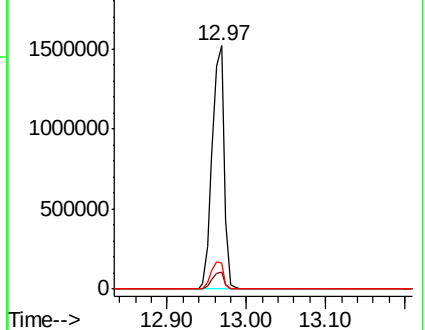
122 10.9 8.6 13.0

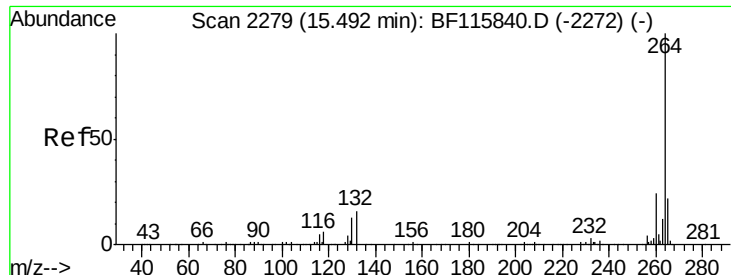


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115943.D
Acq: 2 Aug 2019 13:35

Instrument :
BNA_F
ClientSampleId :
GW7-20190726

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.7	17.5	26.3

