

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089887.D
 Acq On : 24 Aug 2016 20:53
 Operator : UM/SJ
 Sample : H4577-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW02-081816

Quant Time: Aug 25 15:14:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

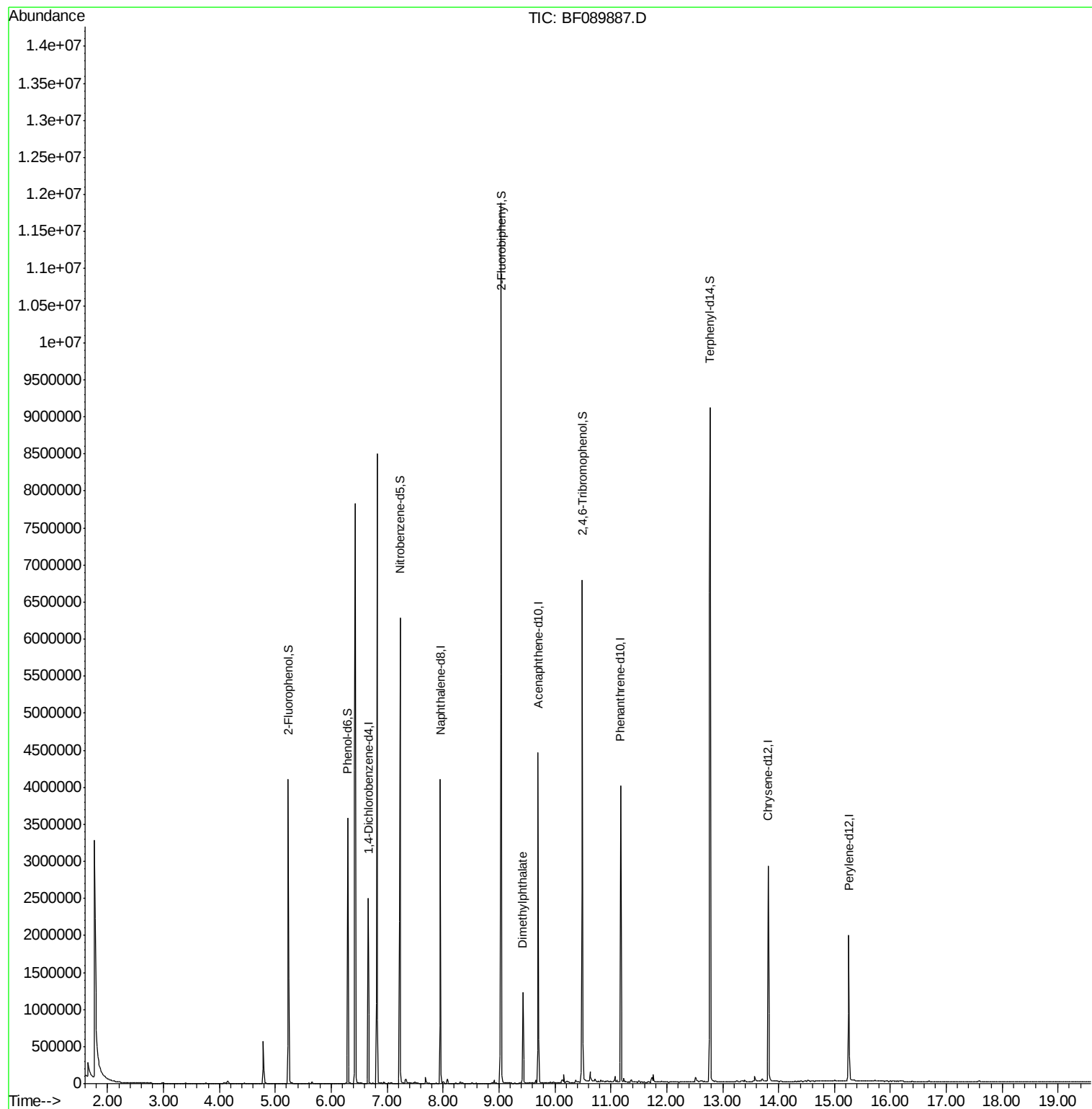
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	415806	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1773612	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	818804	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1409364	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1035226	20.00	ng	-0.06
86) Perylene-d12	15.26	264	866029	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1320524	54.46	ng	-0.02
7) Phenol-d6	6.30	99	1116020	37.50	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2132305	74.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	872126	112.08	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4058598	87.12	ng	-0.01
78) Terphenyl-d14	12.78	244	3586682	78.38	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	501785	8.70	ng	Qvalue 99

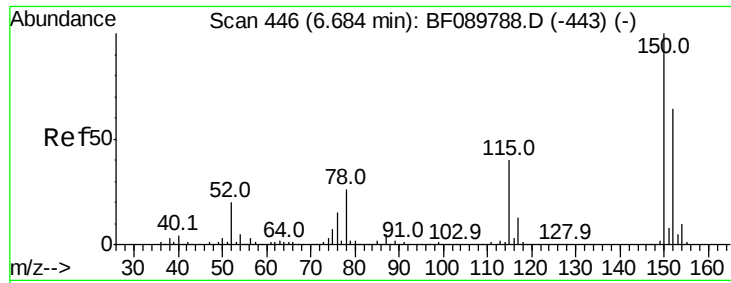
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

GW-MW02-081816

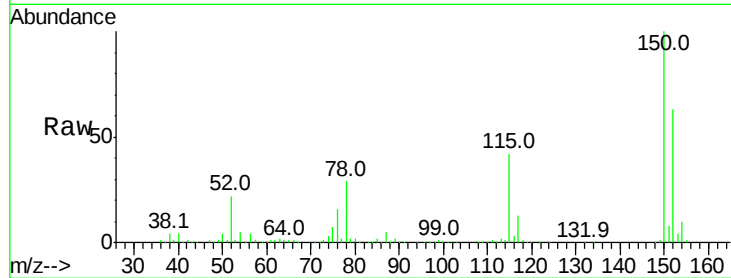
Tot Ion:152 Resp: 415806

Ion Ratio Lower Upper

152 100

150 157.9 125.3 187.9

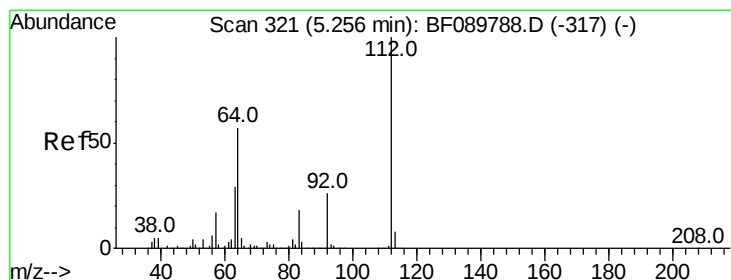
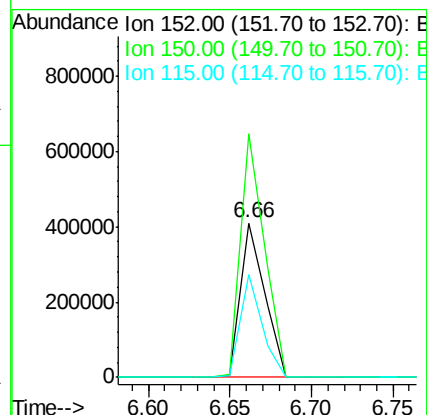
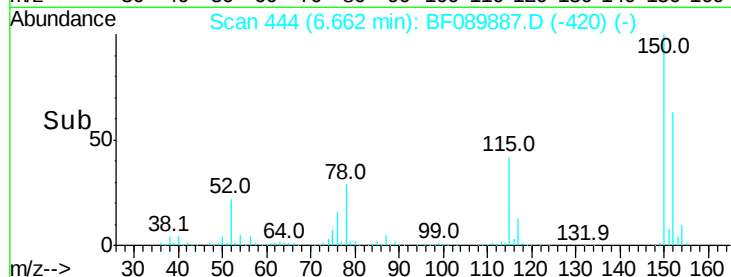
115 66.3 40.9 61.3#



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: 54.46 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

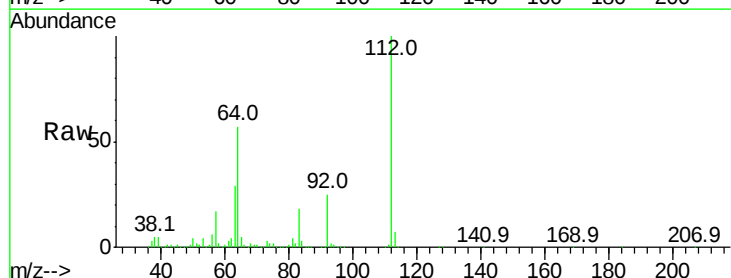
Tgt Ion:112 Resp: 1320524

Ion Ratio Lower Upper

112 100

64 57.4 45.0 67.4

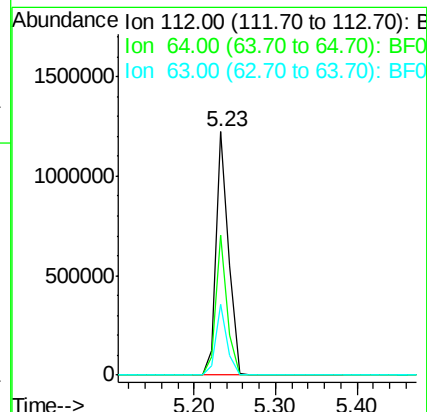
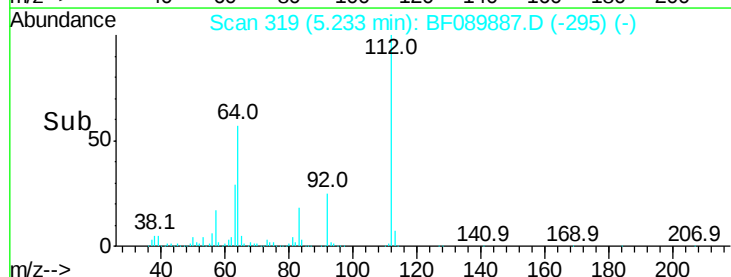
63 29.0 23.1 34.7

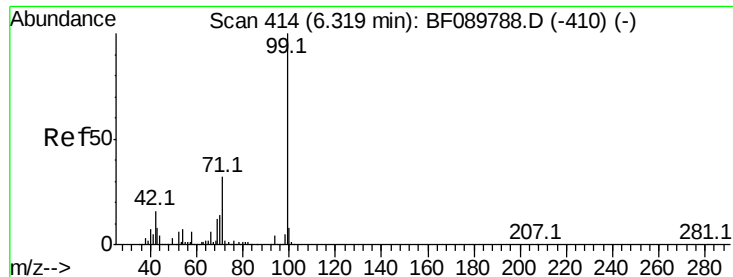


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.50 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

GW-MW02-081816

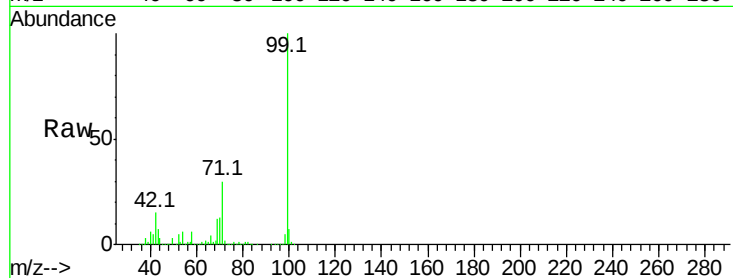
Tot Ion: 99 Resp: 1116020

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.4

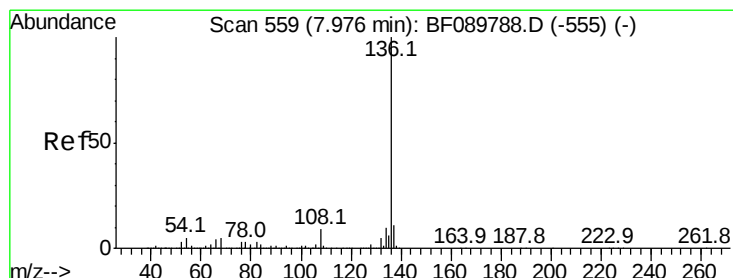
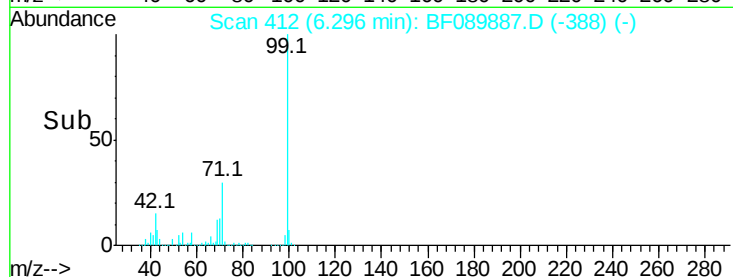
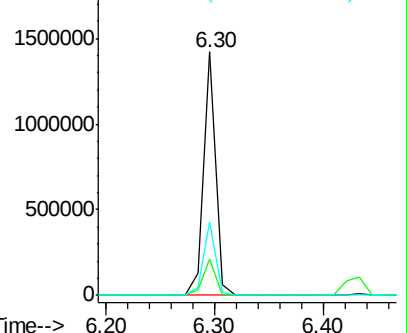
71 29.9 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

Tgt Ion: 136 Resp: 1773612

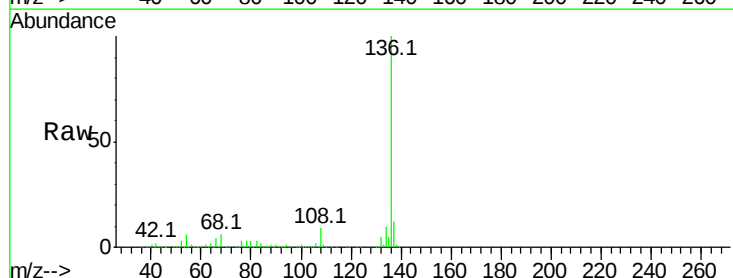
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.8 7.2 10.8#

68 5.5 5.8 8.8#

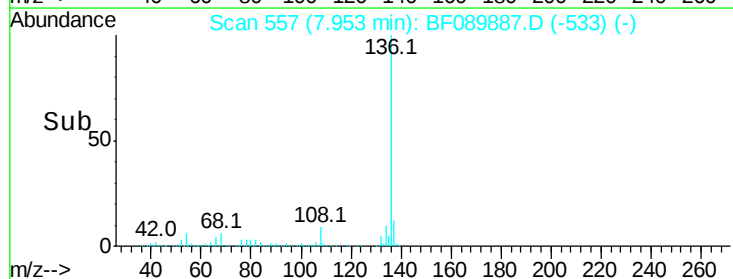
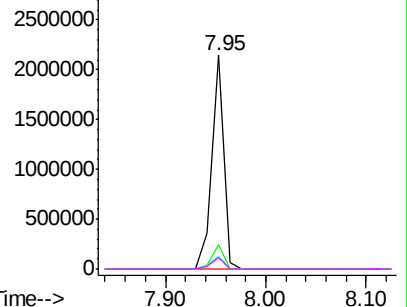


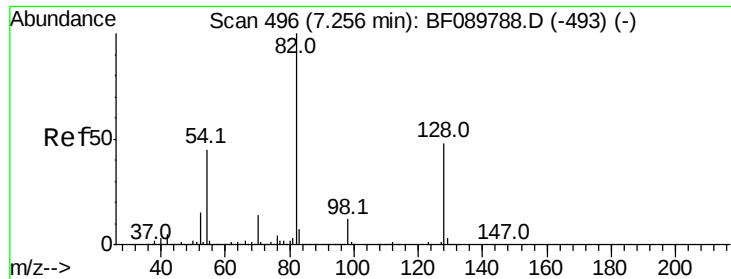
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



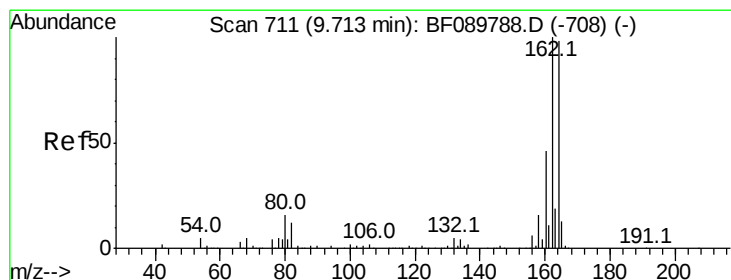
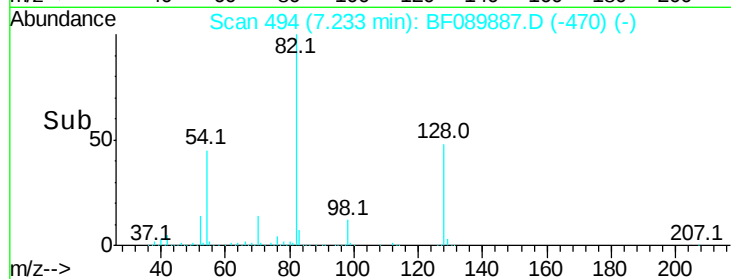
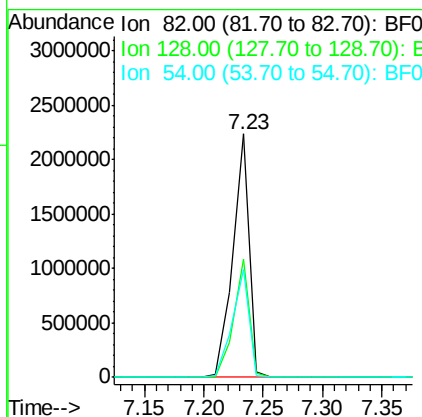
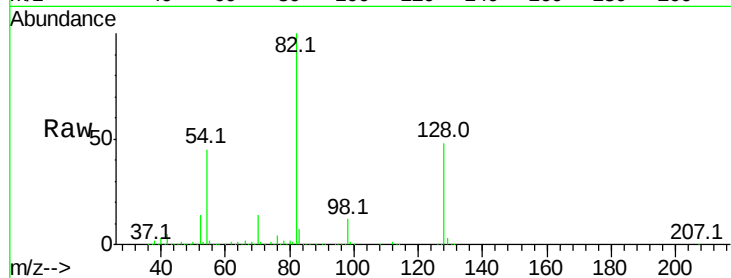


#23
 Nitrobenzene-d5
 Concen: 74.69 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089887.D
 Acq: 24 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW02-081816

Tot Ion: 82 Resp: 2132305

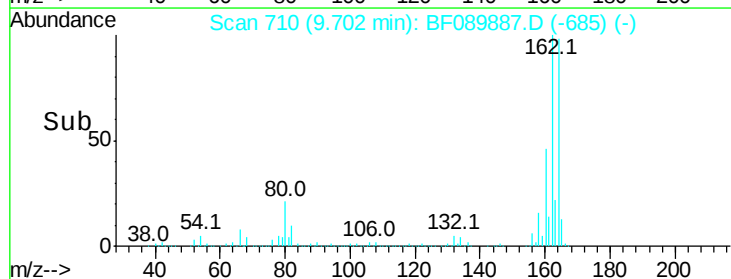
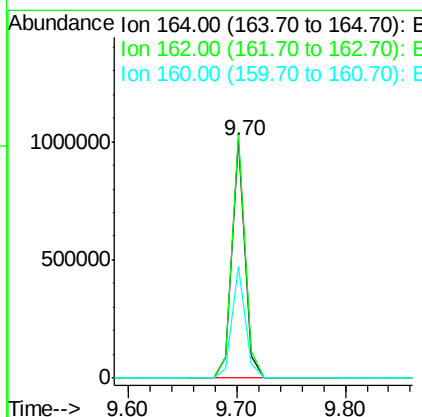
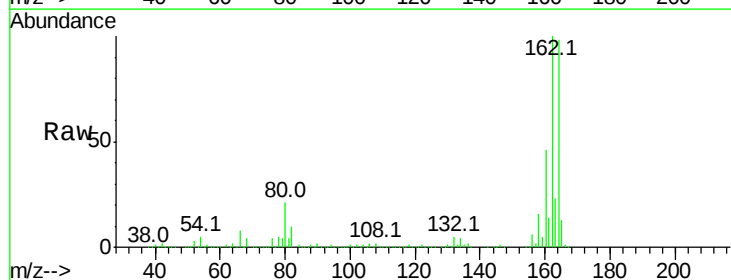
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.4	51.6
54	44.5	40.3	60.5

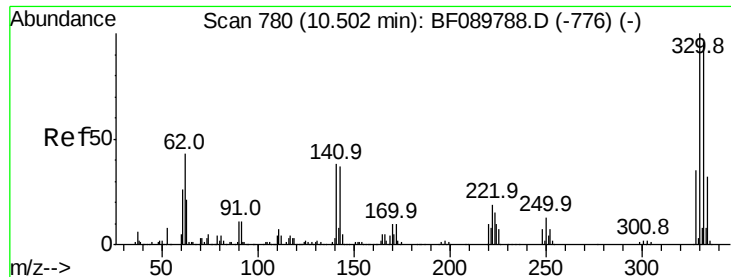


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089887.D
 Acq: 24 Aug 2016 20:53

Tgt Ion:164 Resp: 818804

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	47.0	37.8	56.6

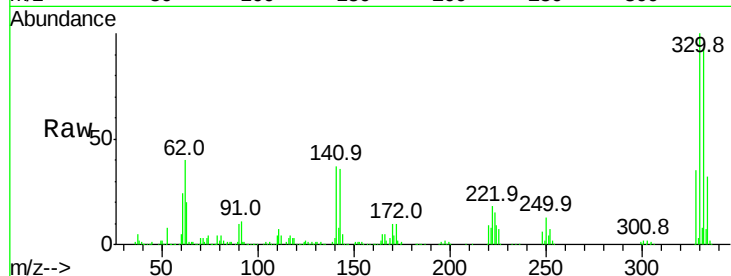




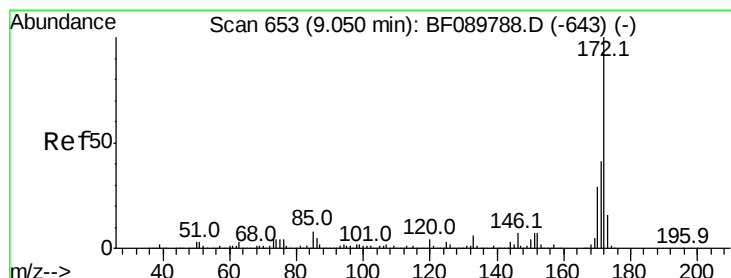
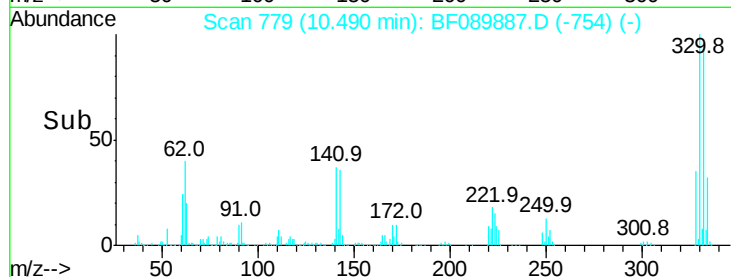
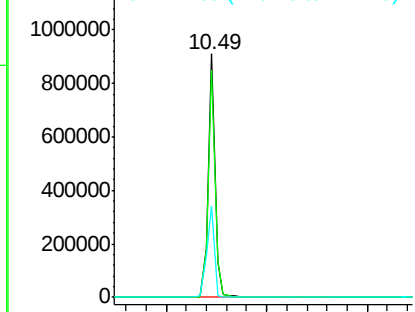
#41
 2,4,6-Tribromophenol
 Concen: 112.08 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089887.D
 Acq: 24 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW02-081816

Tot Ion:330 Resp: 872126
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.7 115.1
 141 40.9 30.2 45.2

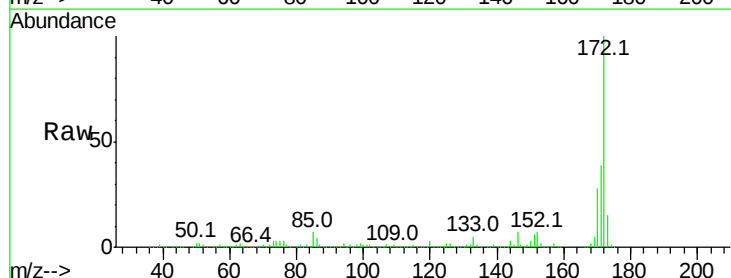


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

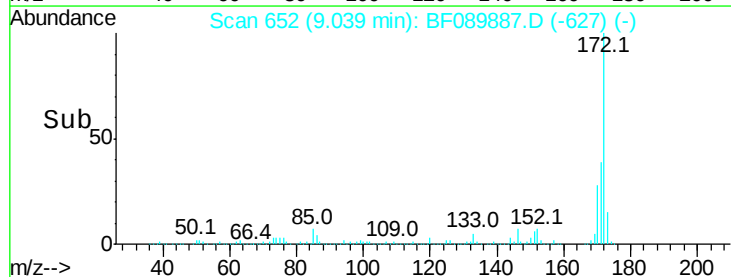
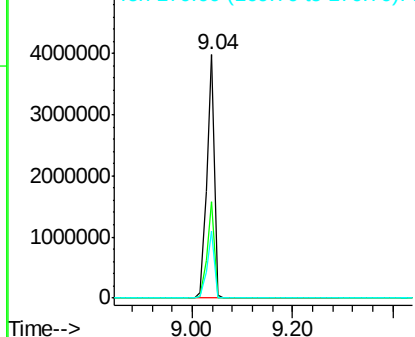


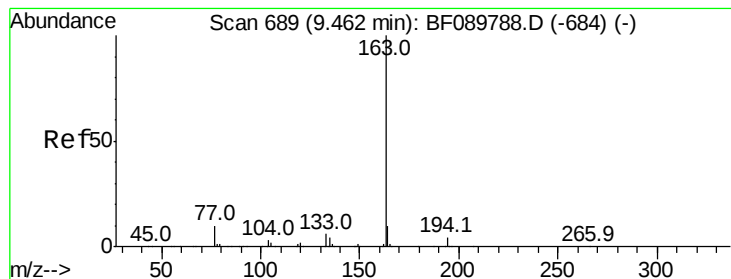
#44
 2-Fluorobiphenyl
 Concen: 87.12 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089887.D
 Acq: 24 Aug 2016 20:53

Tgt Ion:172 Resp: 4058598
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.5 45.7
 170 27.6 20.6 31.0



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





#49

Dimethylphthalate

Concen: 8.70 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

GW-MW02-081816

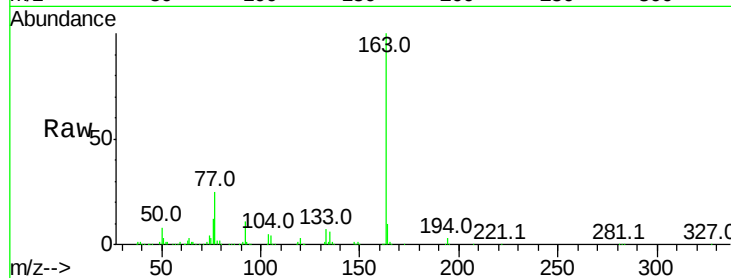
Tot Ion:163 Resp: 501785

Ion Ratio Lower Upper

163 100

194 2.7 2.6 3.8

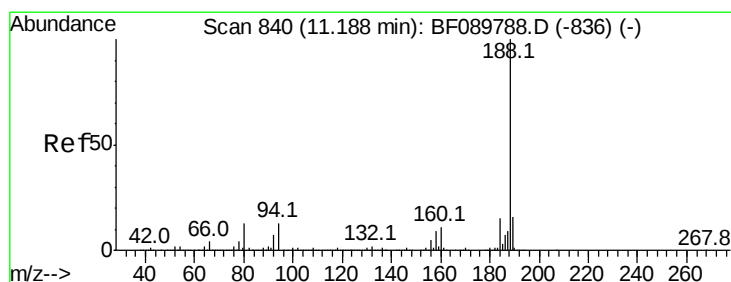
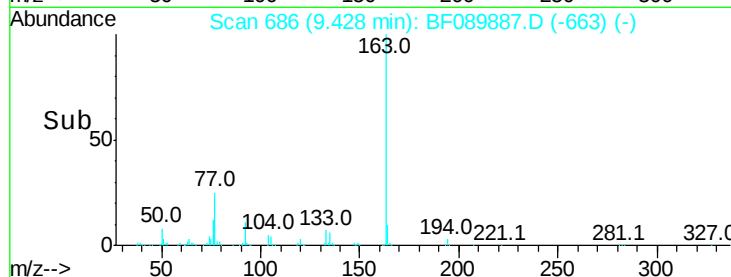
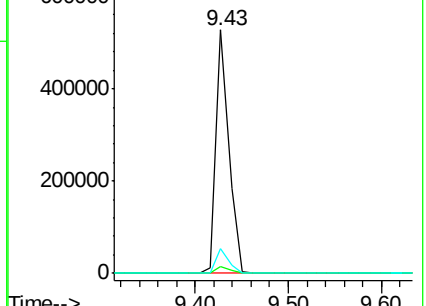
164 10.4 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

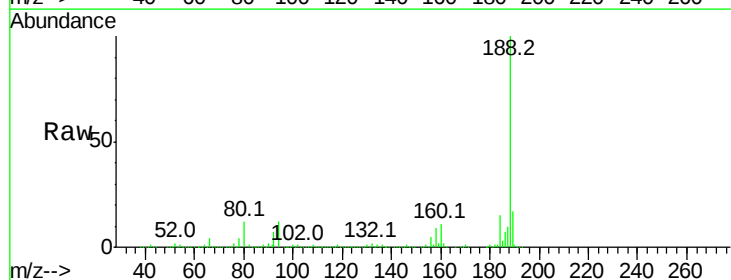
Tgt Ion:188 Resp: 1409364

Ion Ratio Lower Upper

188 100

94 12.3 10.2 15.2

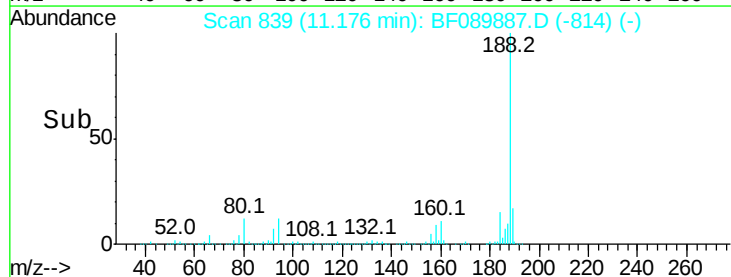
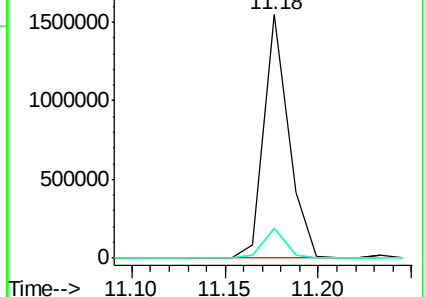
80 12.5 10.9 16.3

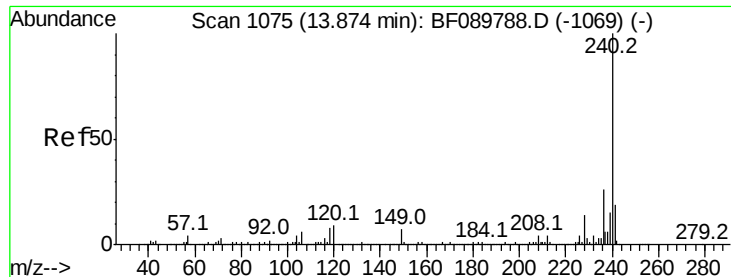


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

GW-MW02-081816

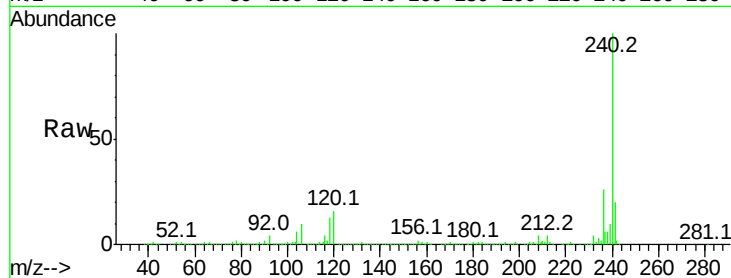
Tot Ion:240 Resp: 1035226

Ion Ratio Lower Upper

240 100

120 15.8 8.3 12.5#

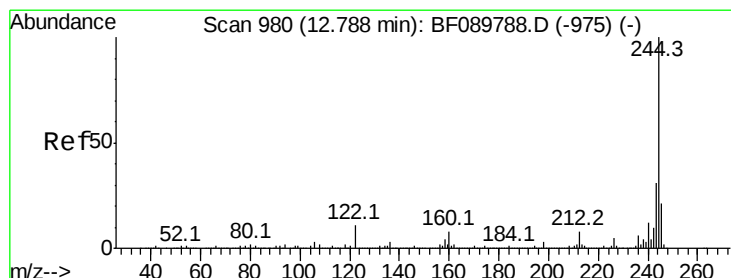
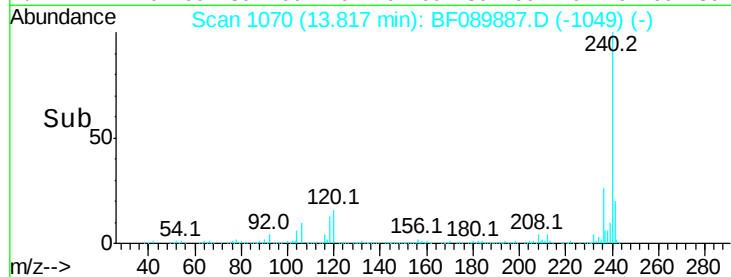
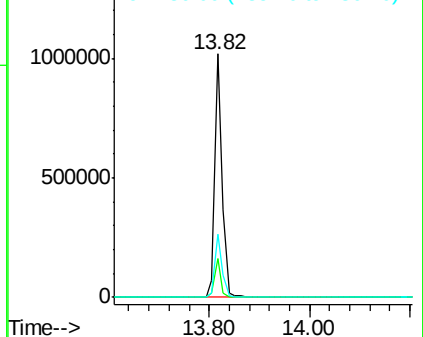
236 25.9 21.3 31.9



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



#78

Terphenyl-d14

Concen: 78.38 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089887.D

Acq: 24 Aug 2016 20:53

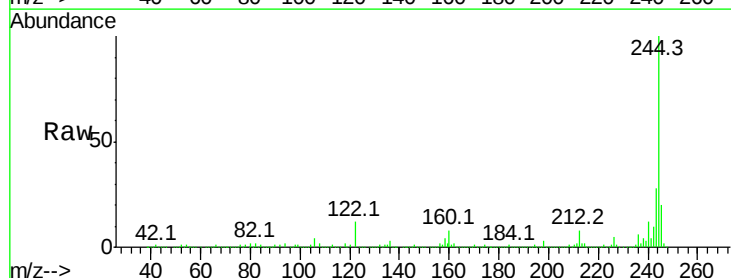
Tgt Ion:244 Resp: 3586682

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

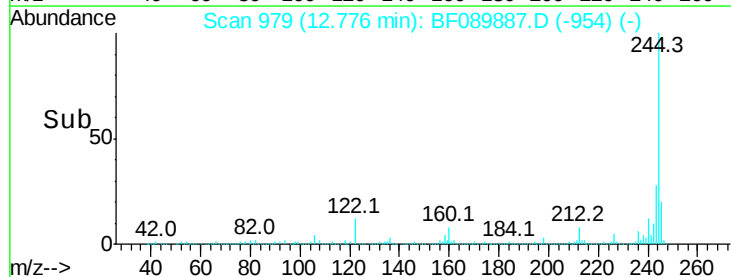
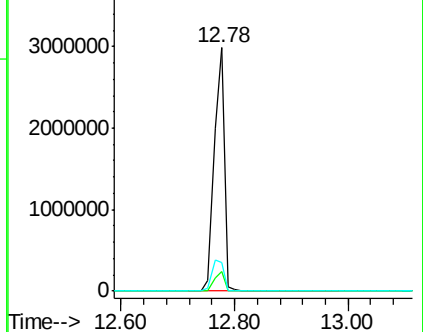
122 11.7 12.0 18.0#

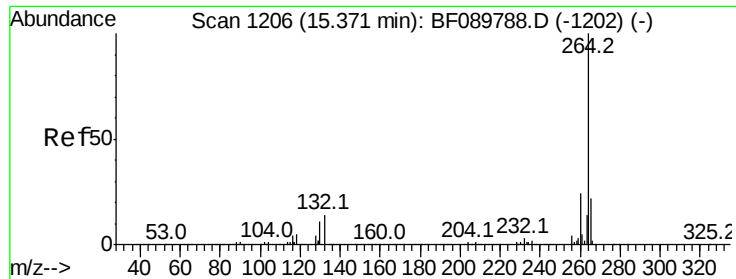


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

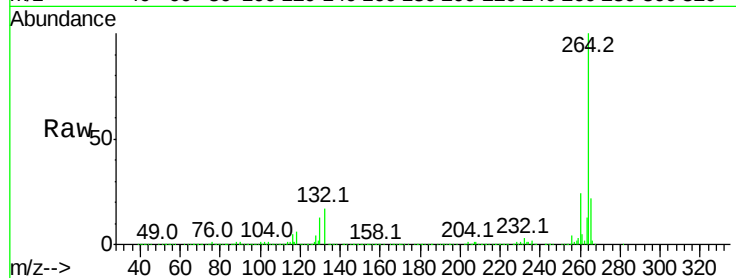




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.11 min
 Lab File: BF089887.D
 Acq: 24 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW02-081816

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	21.9	17.4	26.2



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

