

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089524.D
 Acq On : 1 Aug 2016 21:56
 Operator : UM/SJ
 Sample : H4269-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Quant Time: Aug 02 03:31:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

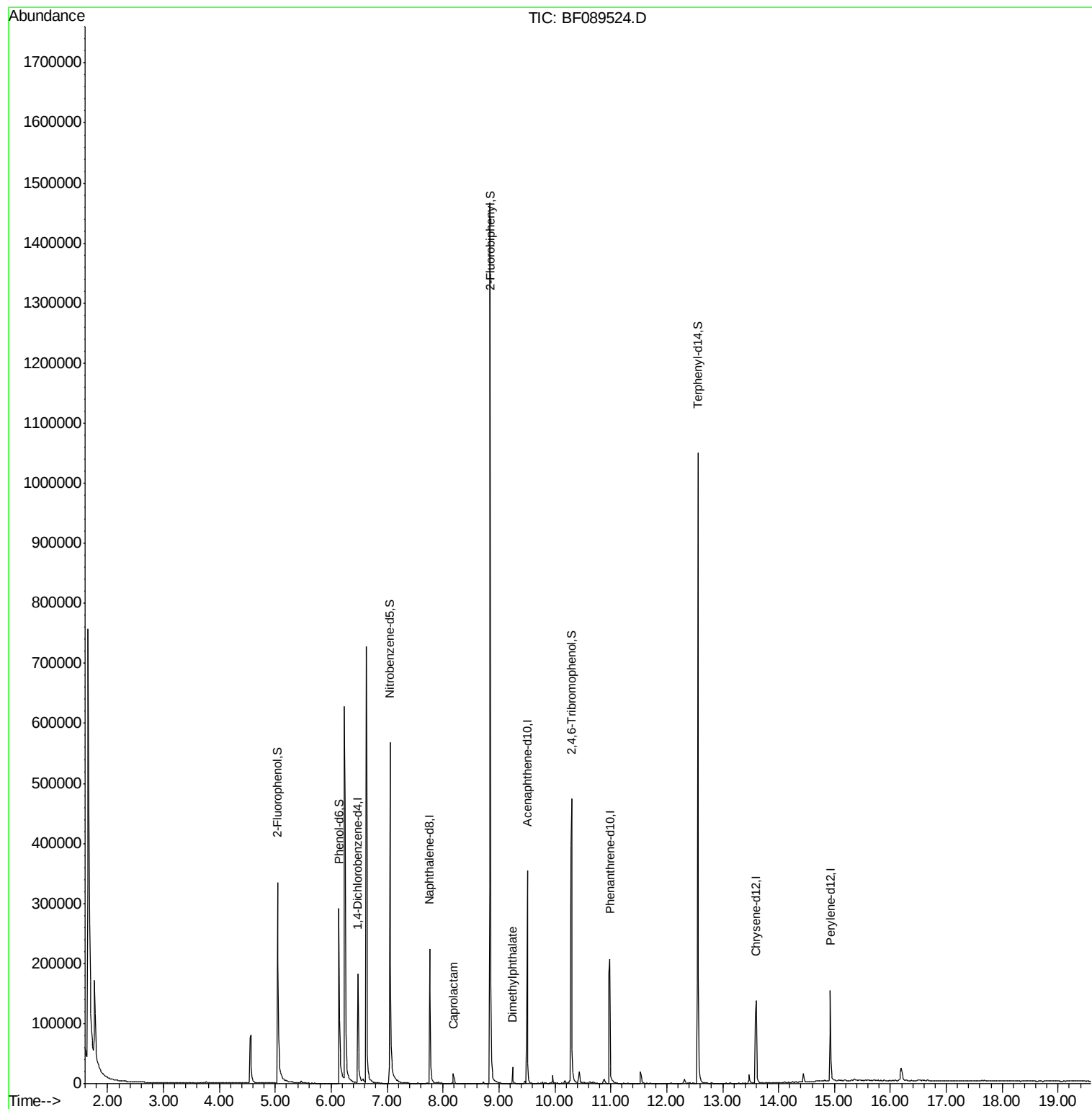
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37600	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	160193	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	75899	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	128520	20.00	ng	0.00
75) Chrysene-d12	13.60	240	74271	20.00	ng	-0.01
86) Perylene-d12	14.93	264	71935	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	160132	68.00	ng	0.00
7) Phenol-d6	6.14	99	152754	49.09	ng	-0.01
23) Nitrobenzene-d5	7.05	82	251767	92.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	76627	121.90	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	478258	92.48	ng	-0.01
78) Terphenyl-d14	12.56	244	317971	100.20	ng	-0.01
Target Compounds						
35) Caprolactam	8.18	113	2810	4.64	ng	Qvalue # 89
49) Dimethylphthalate	9.24	163	12876	2.23	ng	98

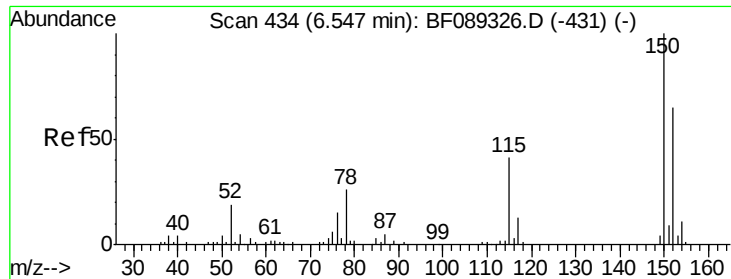
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

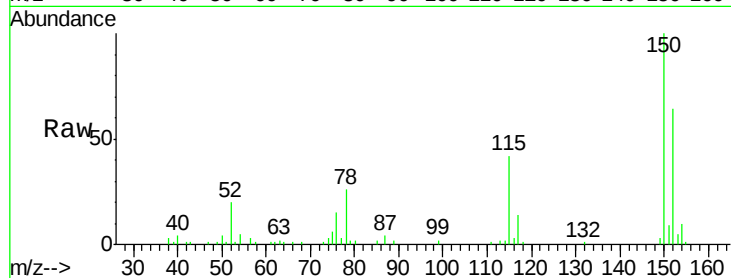
Tot Ion:152 Resp: 37600

Ion Ratio Lower Upper

152 100

150 156.3 129.5 194.3

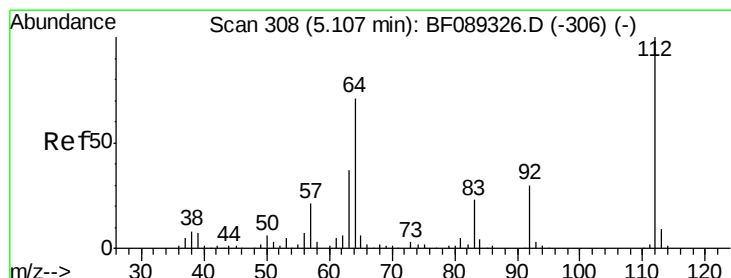
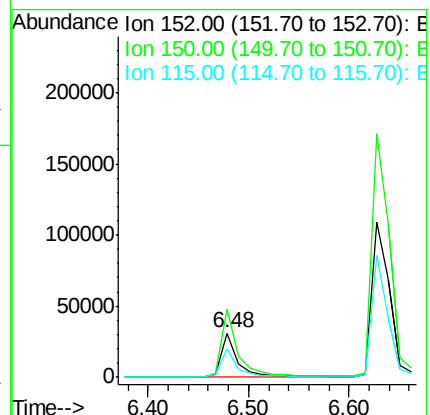
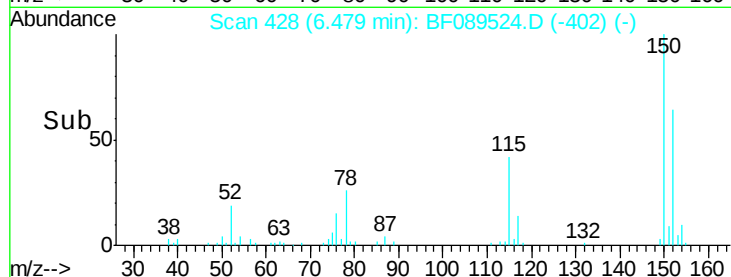
115 65.4 51.4 77.2



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: 68.00 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.00 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

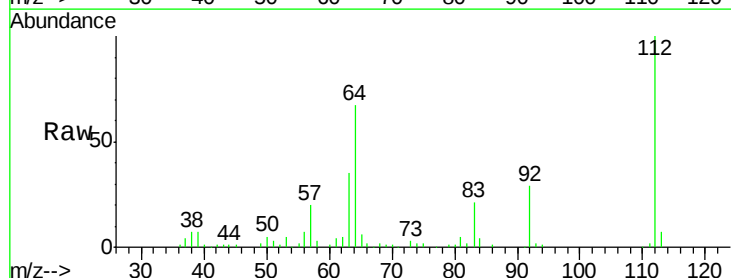
Tgt Ion:112 Resp: 160132

Ion Ratio Lower Upper

112 100

64 66.7 55.0 82.6

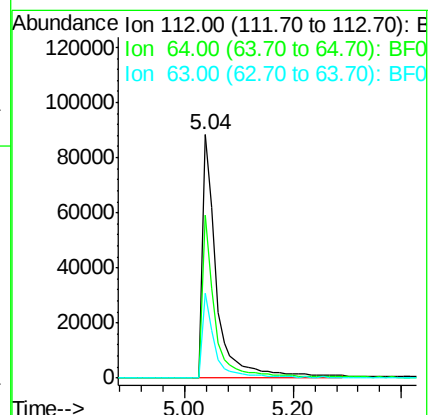
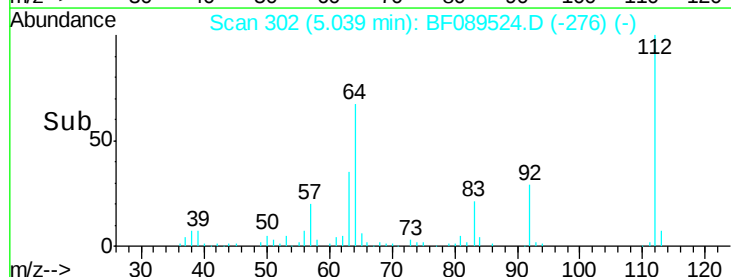
63 34.6 29.4 44.2

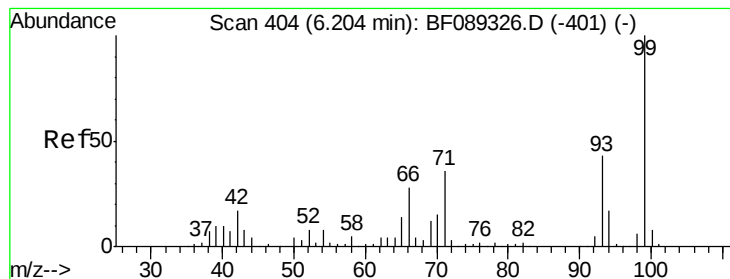


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.09 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

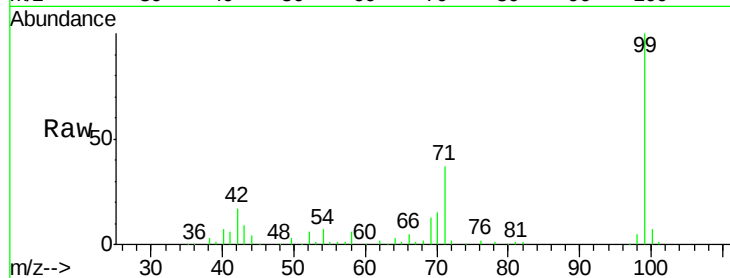
Tot Ion: 99 Resp: 152754

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

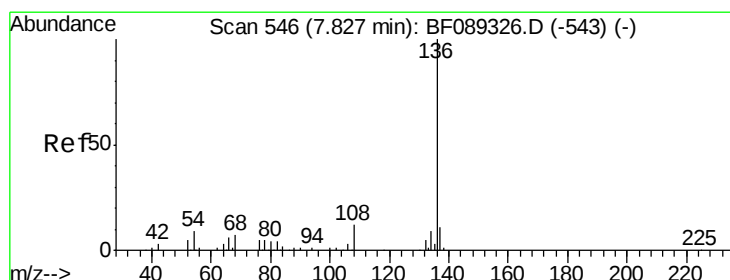
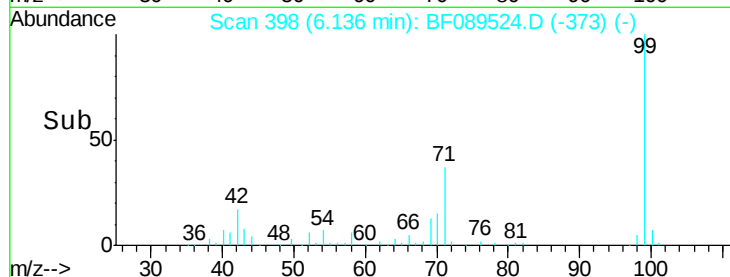
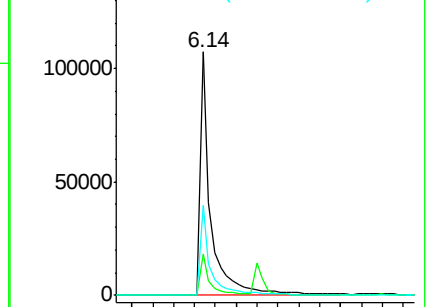
71 36.7 29.4 44.2



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Tgt Ion: 136 Resp: 160193

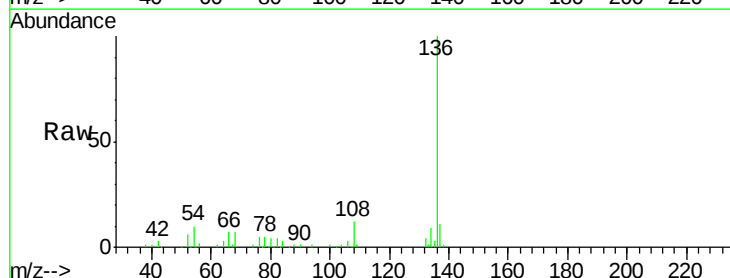
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.2 7.0 10.4

68 7.4 4.9 7.3#

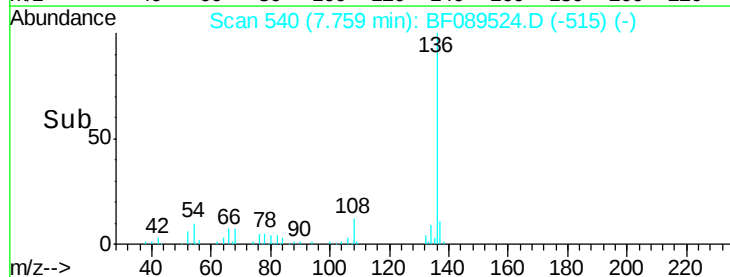
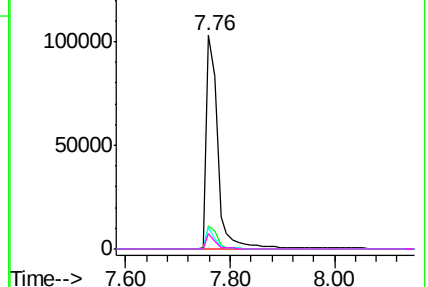


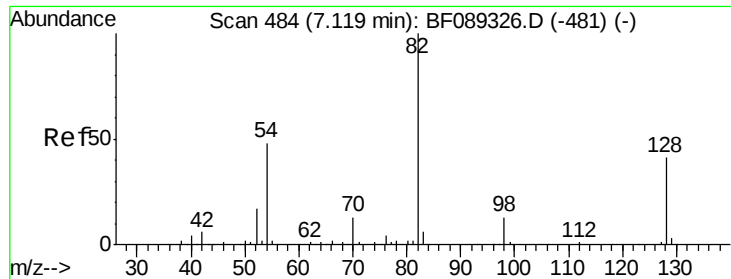
Abundance Ion 136.00 (135.70 to 136.70): E

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

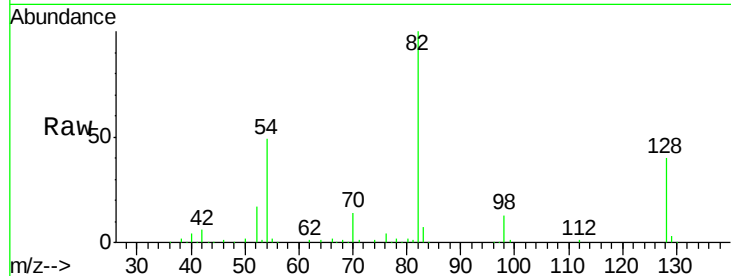




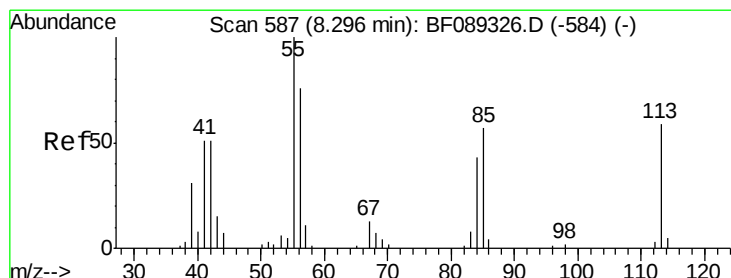
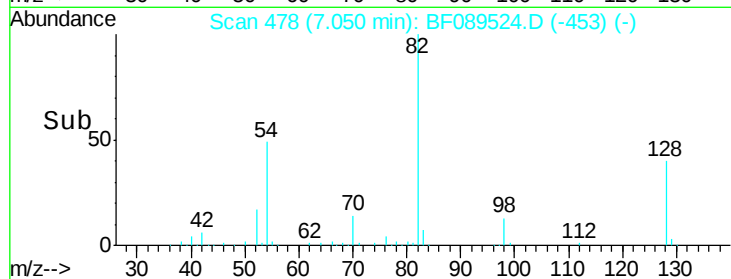
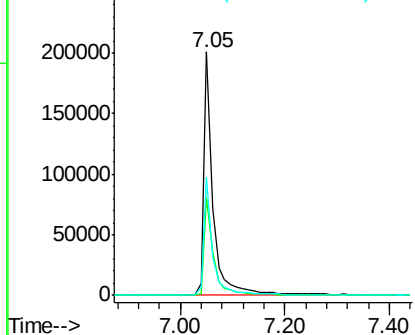
#23
 Nitrobenzene-d5
 Concen: 92.77 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Tot Ion: 82 Resp: 251767
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.5 48.7
 54 48.8 38.8 58.2

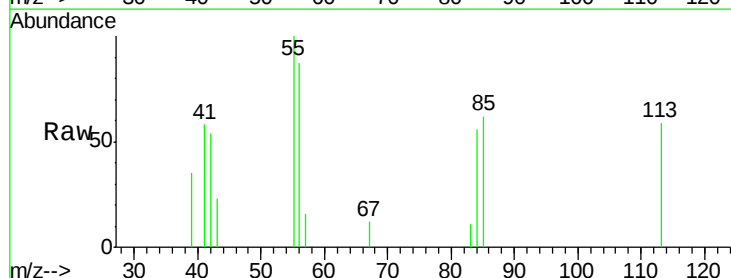


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

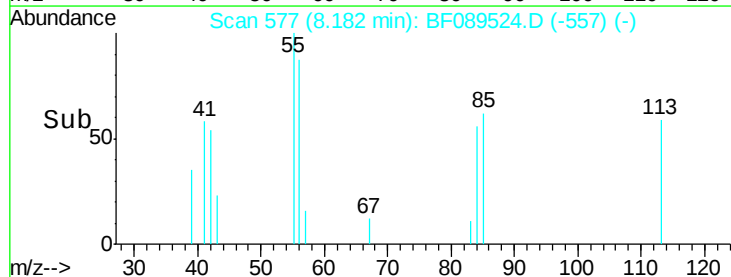
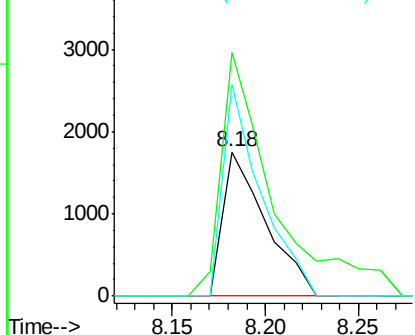


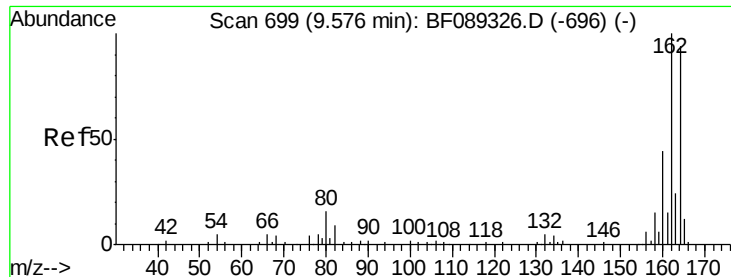
#35
 Caprolactam
 Concen: 4.64 ng
 RT: 8.18 min Scan# 577
 Delta R.T. -0.07 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Tgt Ion: 113 Resp: 2810
 Ion Ratio Lower Upper
 113 100
 55 169.3 142.3 182.3
 56 147.1 105.8 145.8#



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

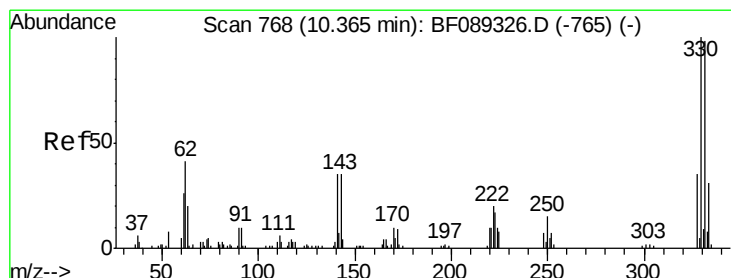
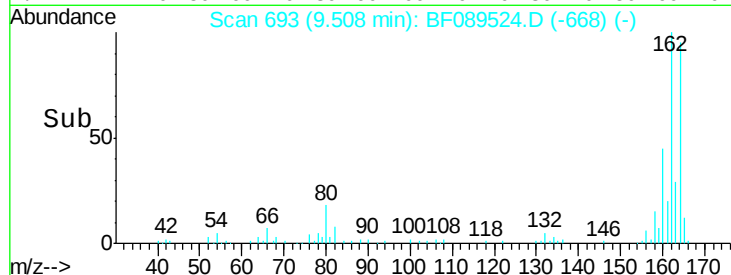
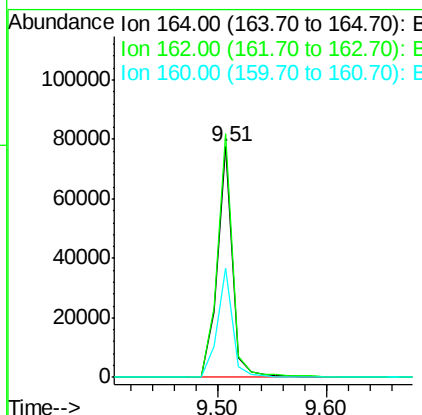
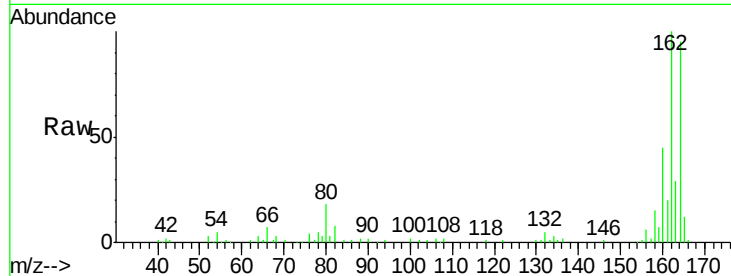




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

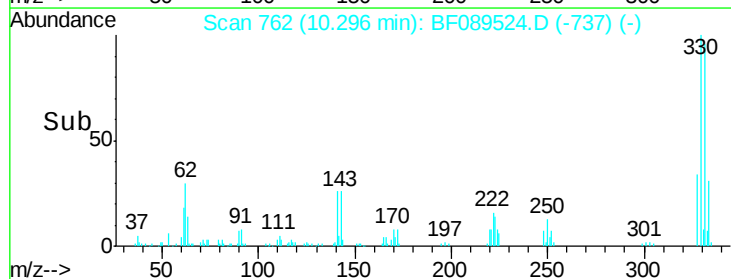
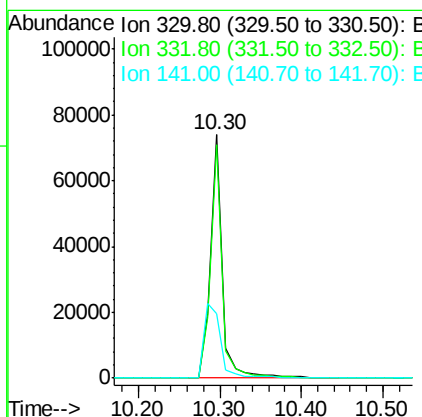
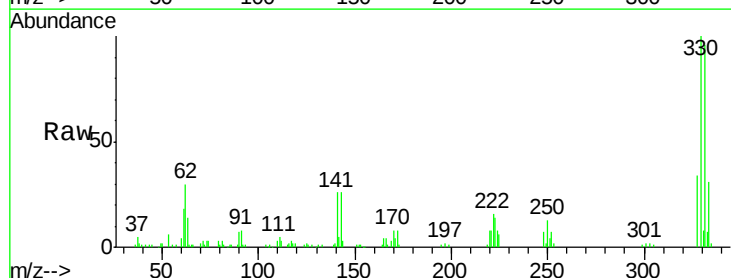
Instrument :
BNA_F
ClientSampleId :
GW-54-16.1-20.0

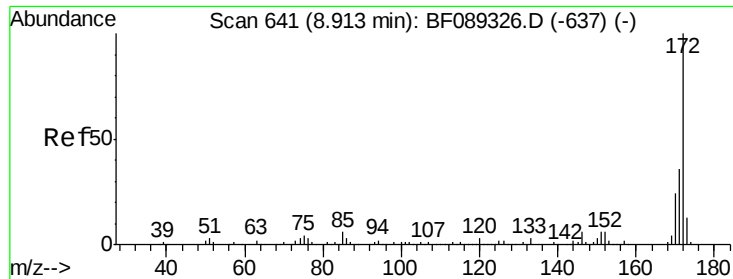
Tot Ion:164 Resp: 75899
Ion Ratio Lower Upper
164 100
162 105.7 83.7 125.5
160 47.3 37.8 56.6



#41
2,4,6-Tribromophenol
Concen: 121.90 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

Tgt Ion:330 Resp: 76627
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 43.1 37.3 55.9

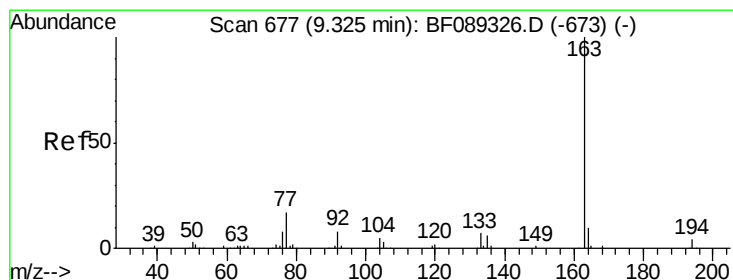
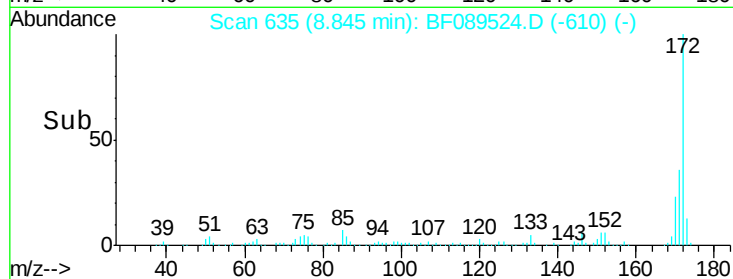
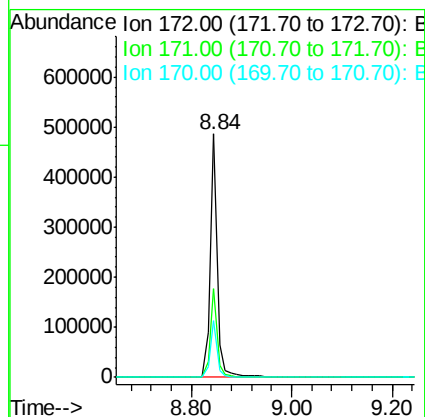
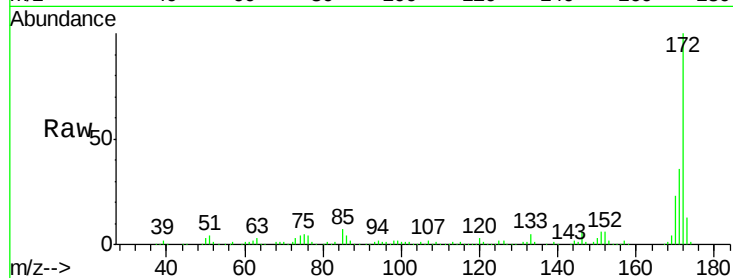




#44
2-Fluorobiphenyl
Concen: 92.48 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

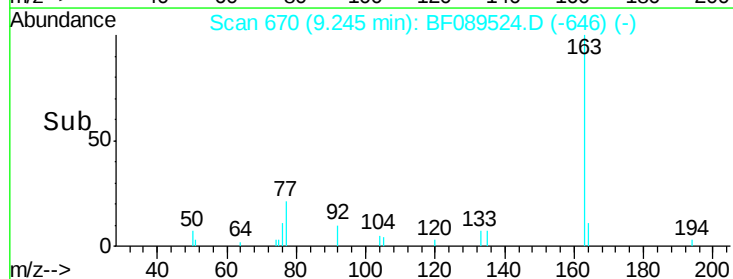
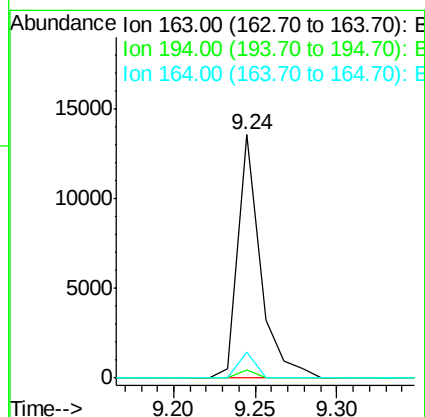
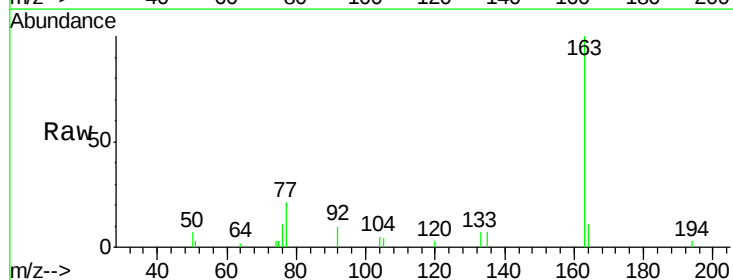
Instrument :
BNA_F
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GW-54-16.1-20.0

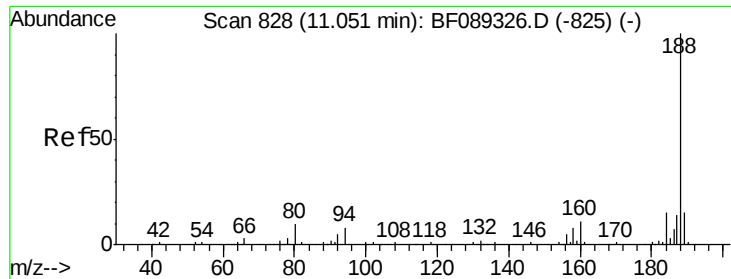
Tot Ion:172 Resp: 478258
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.5 19.2 28.8



#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

Tgt Ion:163 Resp: 12876
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 7.8 11.8

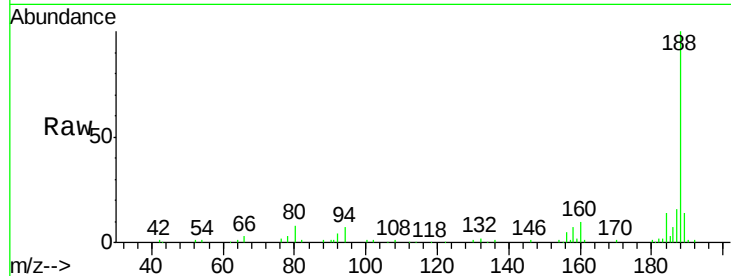




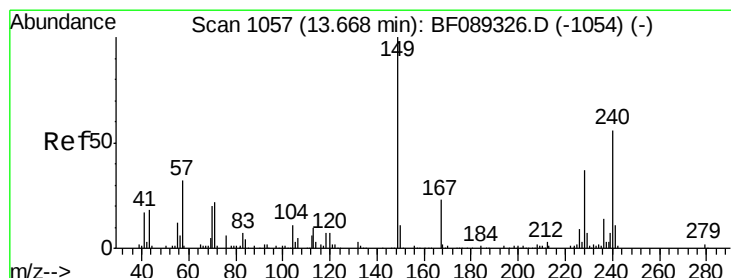
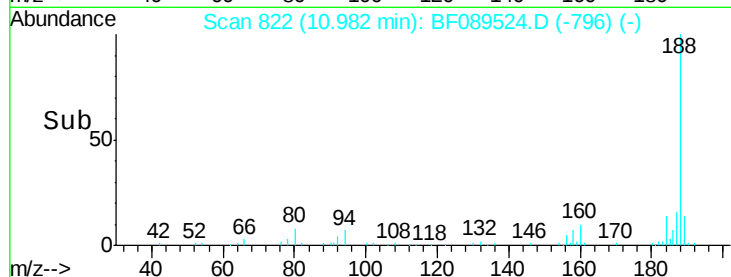
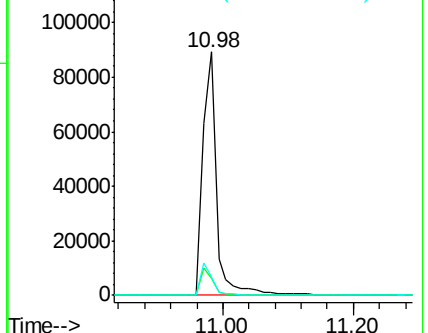
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
GW-54-16.1-20.0

Tot Ion:188 Resp: 128520
Ion Ratio Lower Upper
188 100
94 6.8 6.5 9.7
80 7.5 7.2 10.8

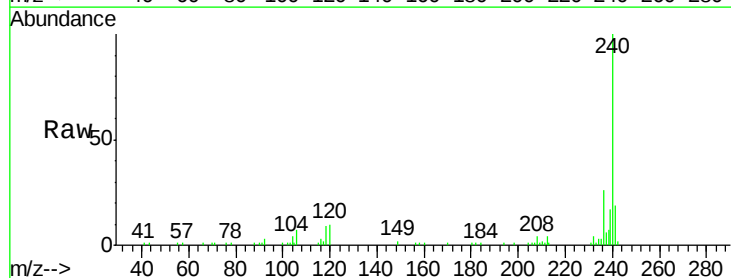


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

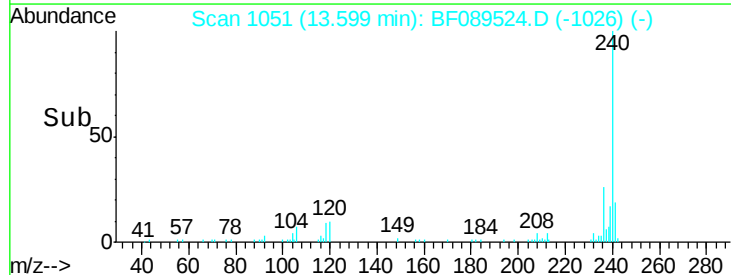
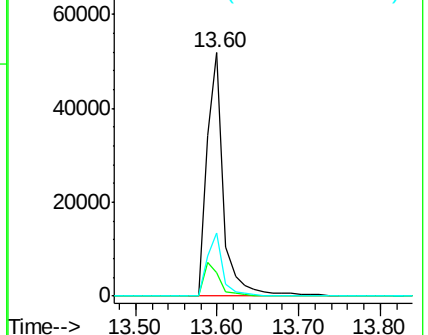


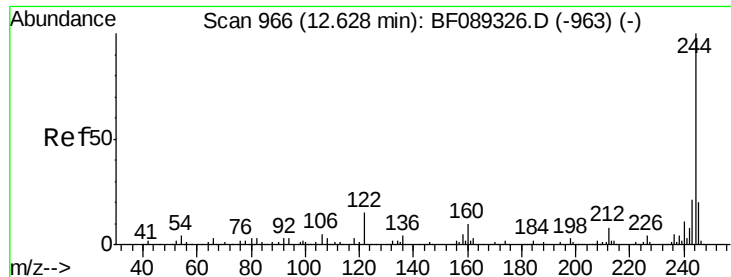
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

Tgt Ion:240 Resp: 74271
Ion Ratio Lower Upper
240 100
120 9.8 9.1 13.7
236 26.1 20.6 30.8



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

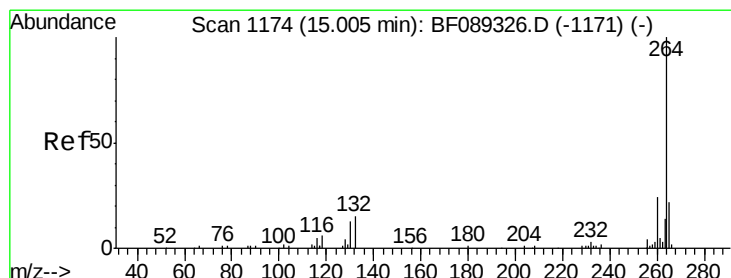
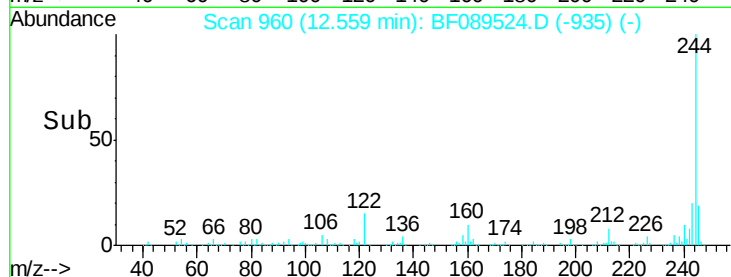
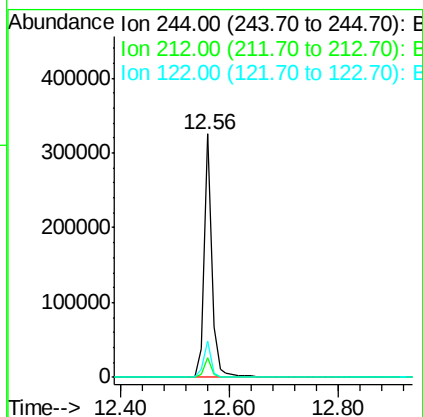
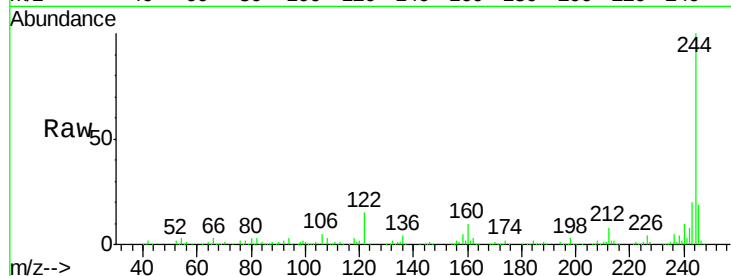




#78
 Terphenyl-d14
 Concen: 100.20 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Tot Ion:244 Resp: 317971
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 15.0 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Tgt Ion:264 Resp: 71935
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.2 17.5 26.3

