

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089625.D
 Acq On : 5 Aug 2016 12:01
 Operator : UM/SJ
 Sample : H4287-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Quant Time: Aug 05 23:02:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

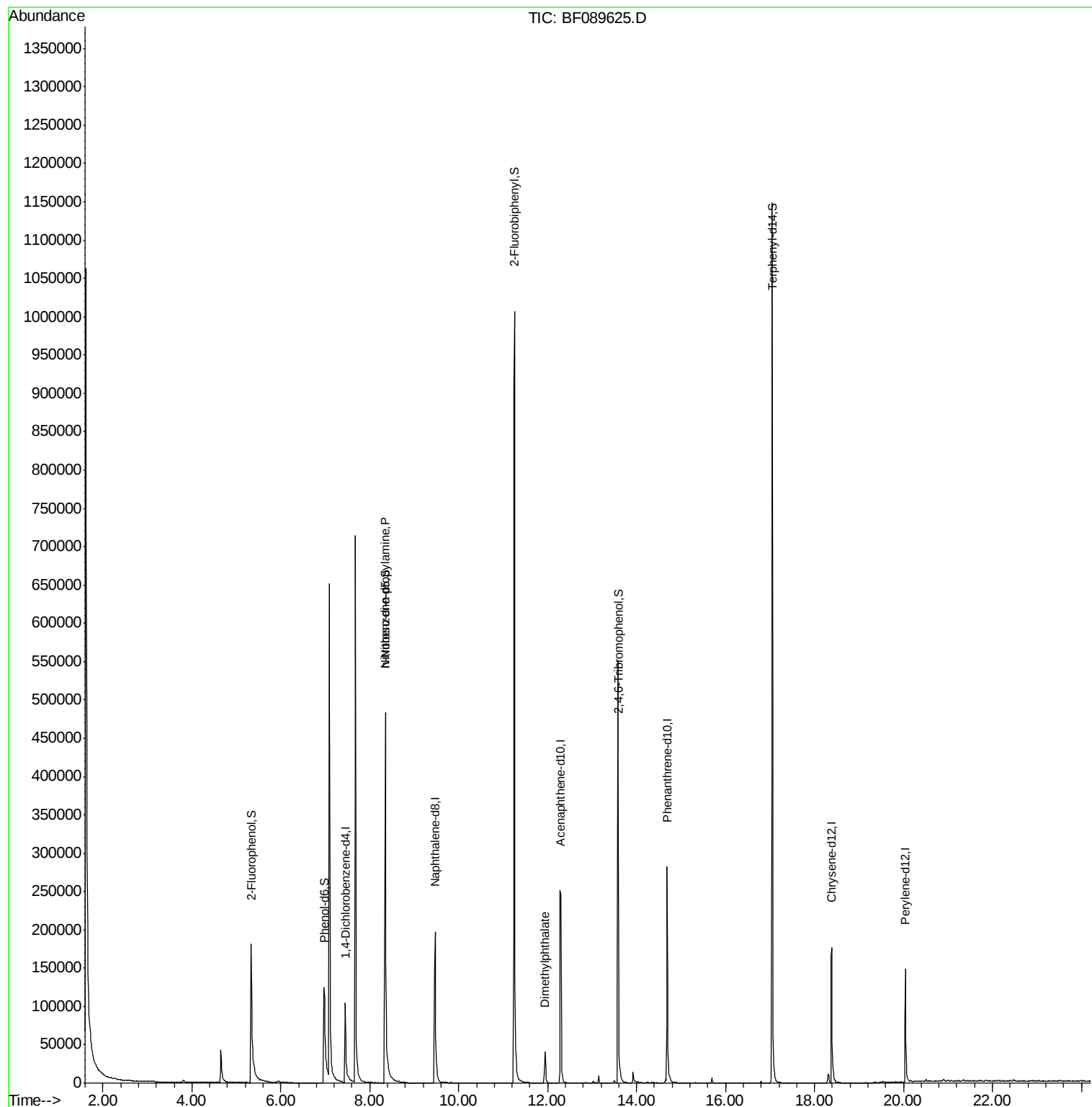
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42473	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	182240	20.00	ng	0.00
38) Acenaphthene-d10	12.28	164	90530	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	176013	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	118327	20.00	ng	0.00
86) Perylene-d12	20.05	264	84481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	154326	60.90	ng	0.02
7) Phenol-d6	6.97	99	139135	40.47	ng	-0.01
23) Nitrobenzene-d5	8.35	82	294499	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	97786	130.89	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	573408	82.32	ng	0.00
78) Terphenyl-d14	17.05	244	486397	81.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	35110	14.14	ng	Qvalue # 82
49) Dimethylphthalate	11.94	163	29623	4.17	ng	99

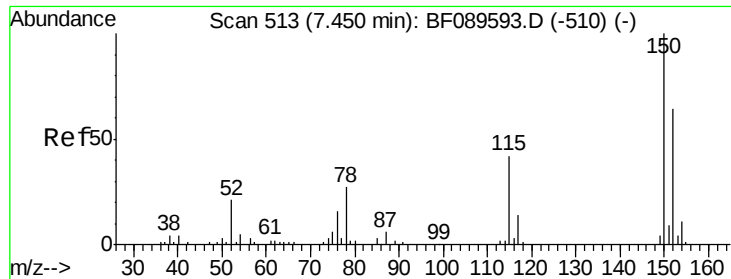
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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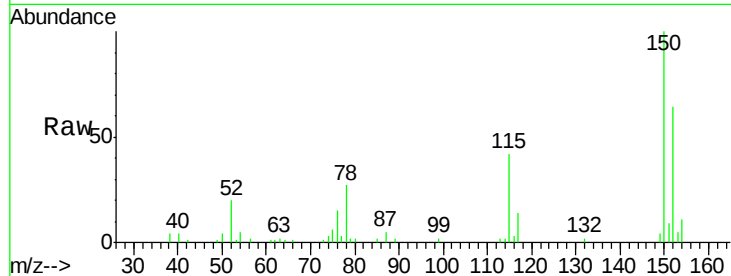


#1

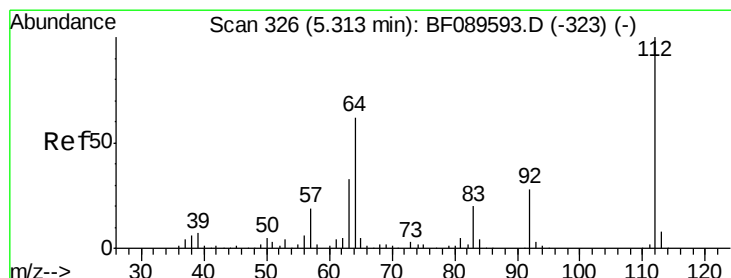
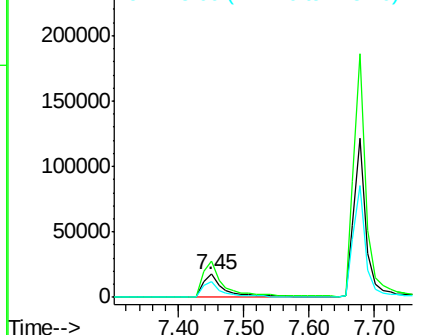
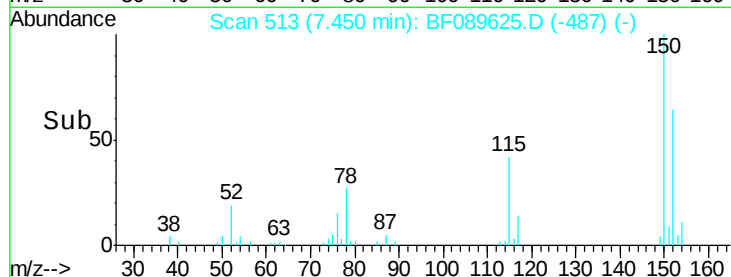
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089625.D
Acq: 5 Aug 2016 12:01

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:152 Resp: 42473
Ion Ratio Lower Upper
152 100
150 155.5 125.5 188.3
115 65.6 52.0 78.0



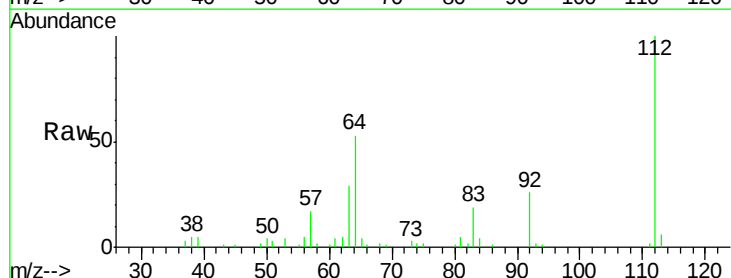
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



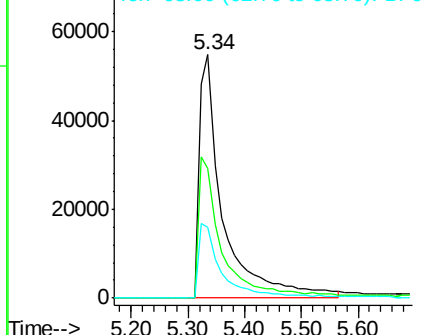
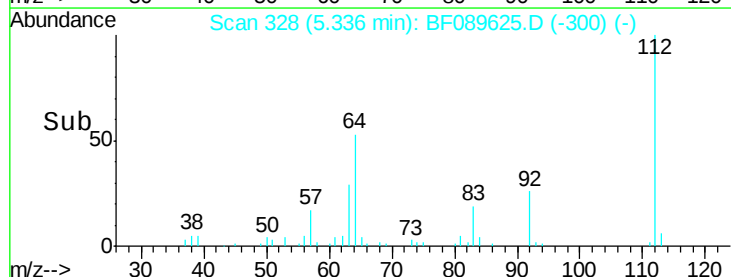
#5

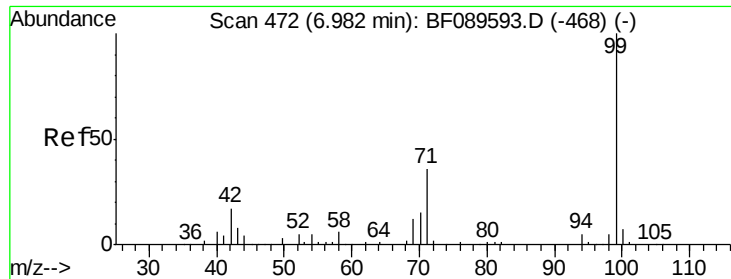
2-Fluorophenol
Concen: 60.90 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089625.D
Acq: 5 Aug 2016 12:01

Tgt Ion:112 Resp: 154326
Ion Ratio Lower Upper
112 100
64 53.5 49.9 74.9
63 29.2 26.1 39.1



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: 40.47 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089625.D

Acq: 5 Aug 2016 12:01

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

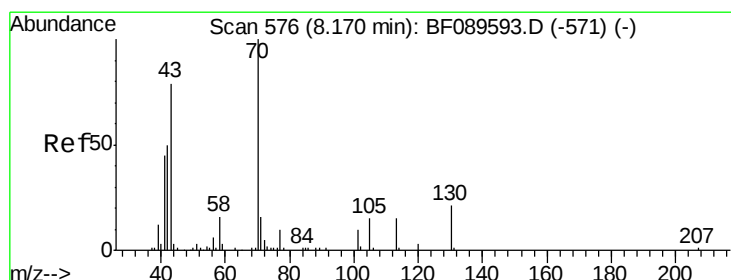
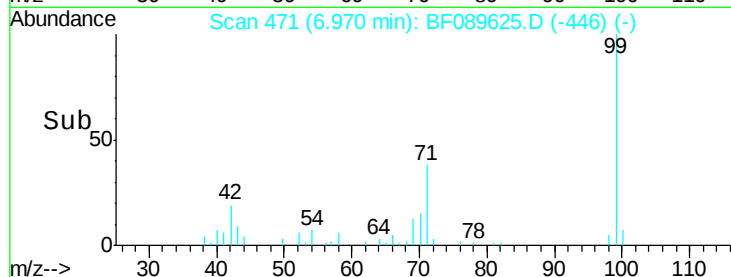
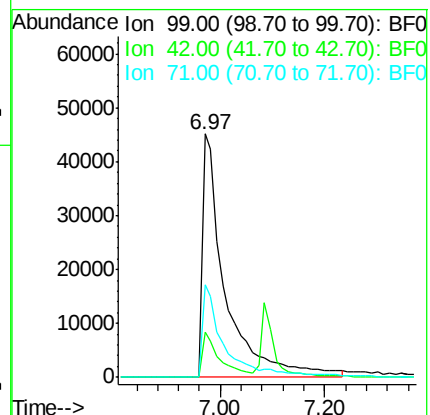
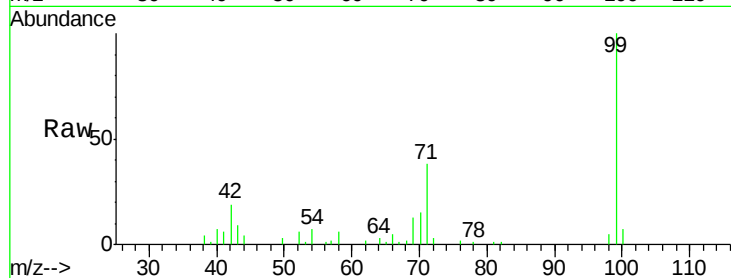
Tgt Ion: 99 Resp: 139135

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

71 38.2 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.14 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089625.D

Acq: 5 Aug 2016 12:01

Tgt Ion: 70 Resp: 35110

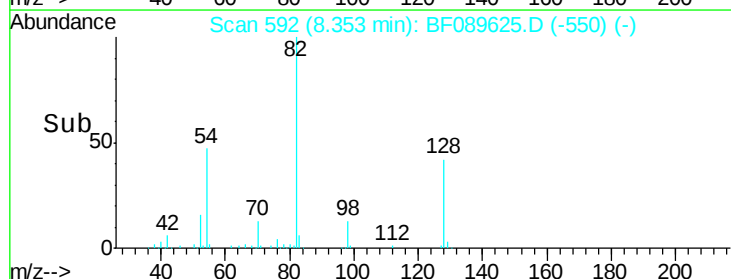
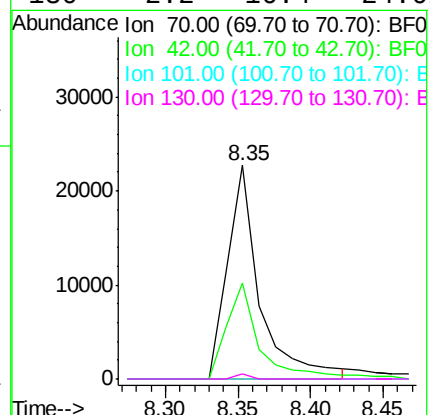
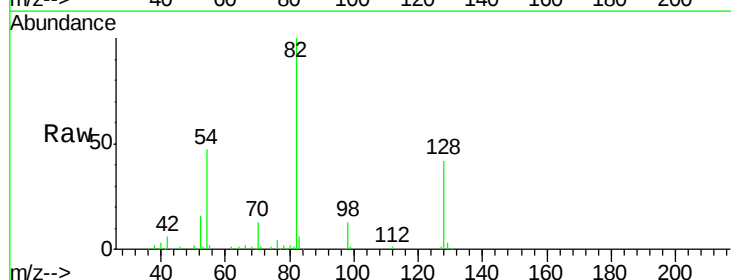
Ion Ratio Lower Upper

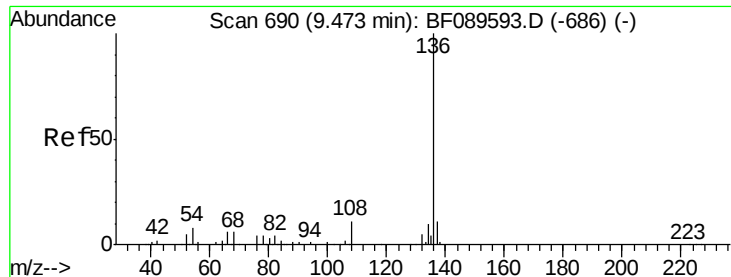
70 100

42 44.8 40.2 60.2

101 0.0 7.8 11.6#

130 2.2 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089625.D

Acq: 5 Aug 2016 12:01

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

Tgt Ion:136 Resp: 182240

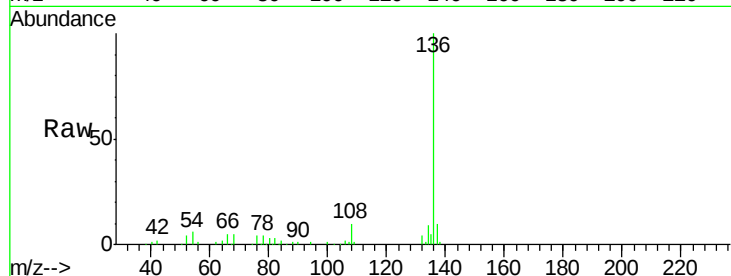
Ion Ratio Lower Upper

136 100

137 10.2 8.6 12.8

54 6.4 6.0 9.0

68 4.7 4.6 6.8

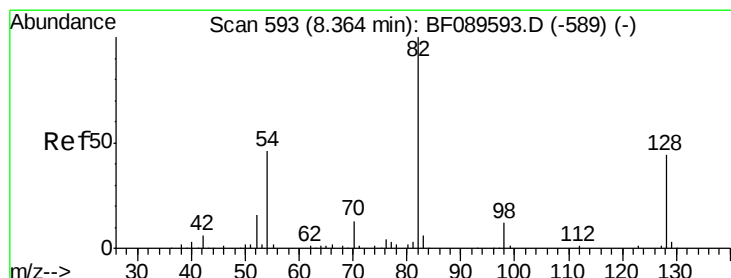
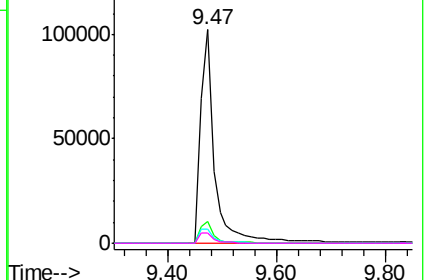
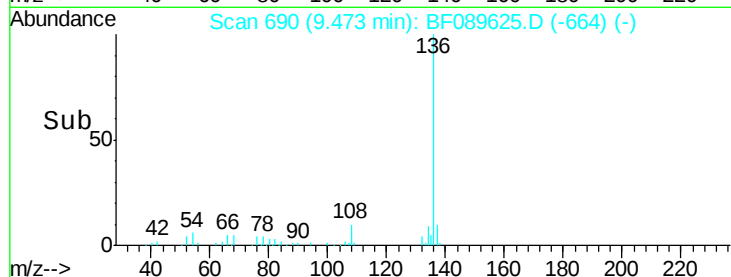


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.38 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089625.D

Acq: 5 Aug 2016 12:01

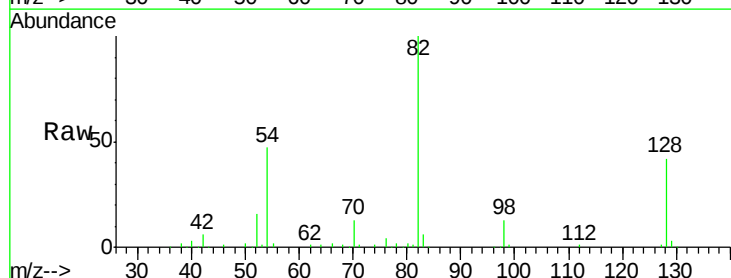
Tgt Ion: 82 Resp: 294499

Ion Ratio Lower Upper

82 100

128 42.2 35.4 53.0

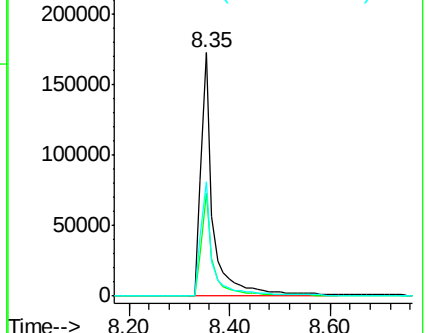
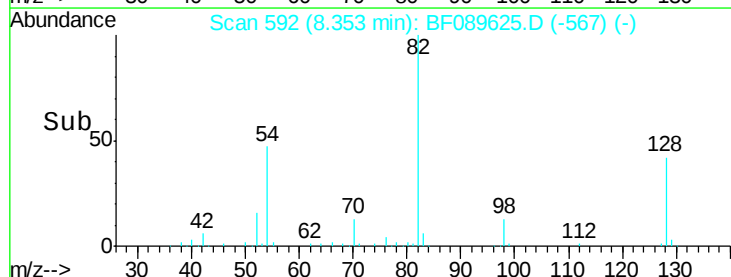
54 46.9 36.4 54.6

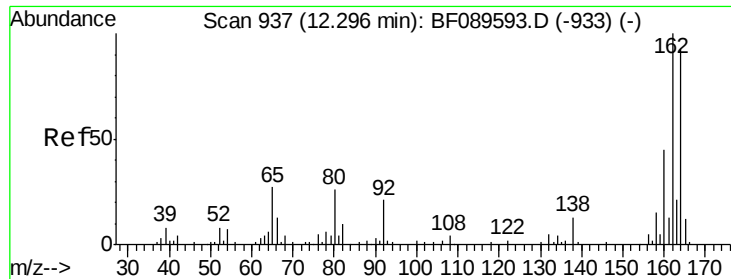


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

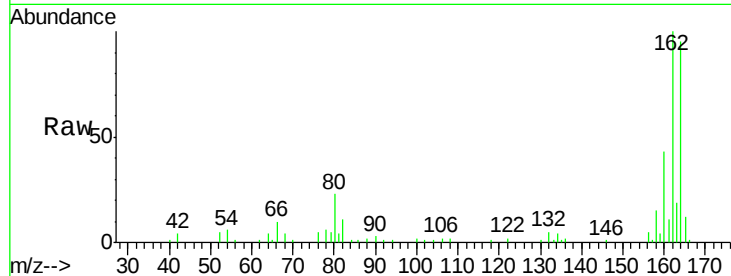




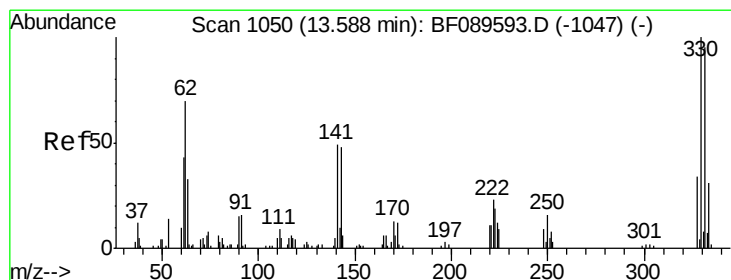
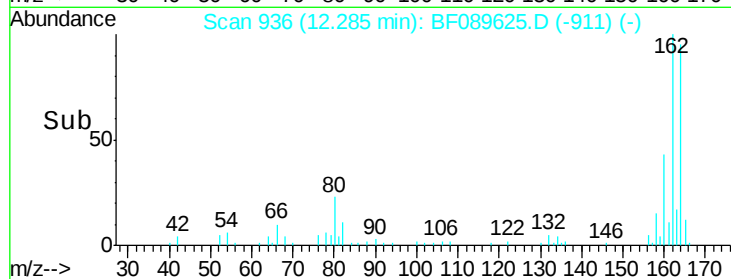
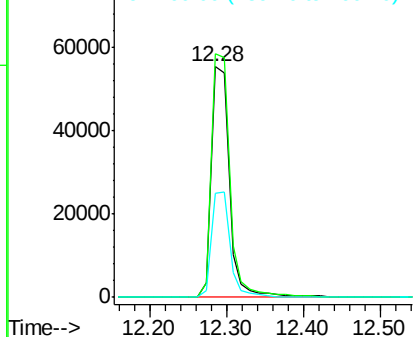
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.28 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089625.D
 Acq: 5 Aug 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Tgt Ion:164 Resp: 90530
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.7 128.5
 160 45.4 38.2 57.4

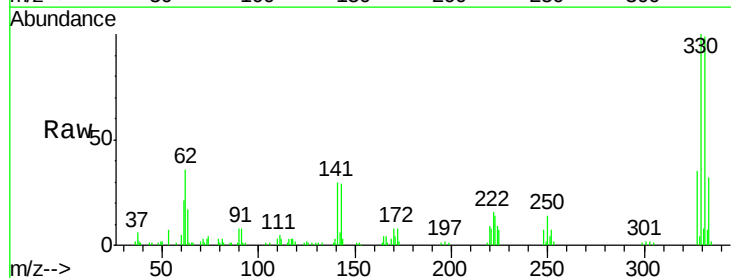


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

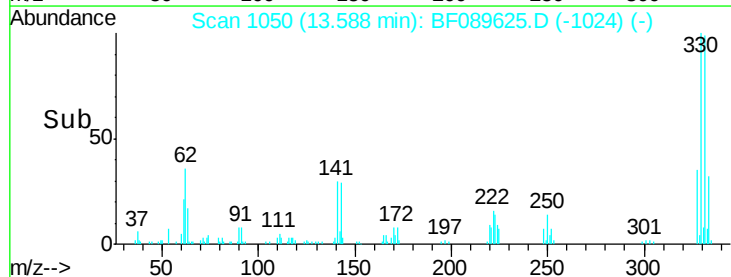
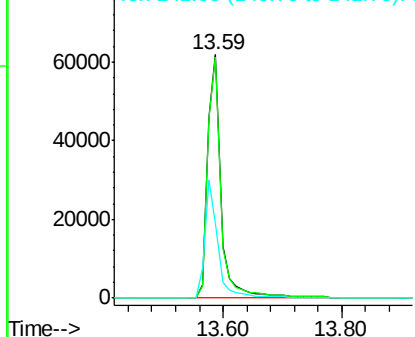


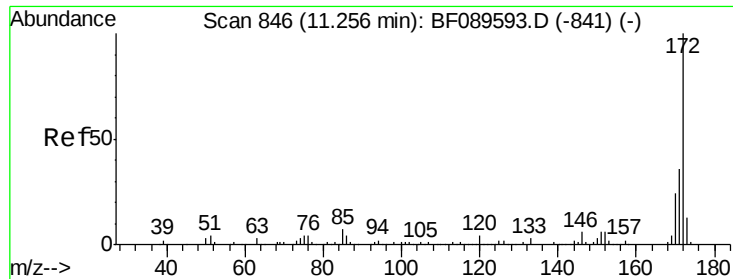
#41
 2,4,6-Tribromophenol
 Concen: 130.89 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089625.D
 Acq: 5 Aug 2016 12:01

Tgt Ion:330 Resp: 97786
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 47.4 38.6 57.8



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

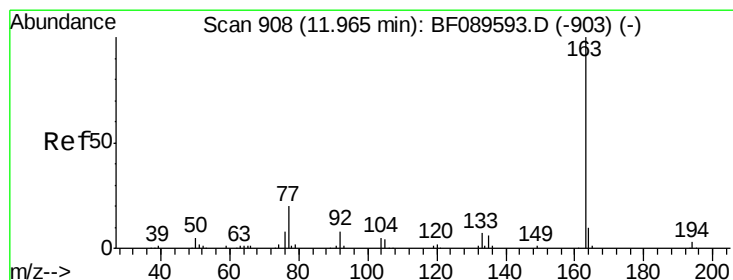
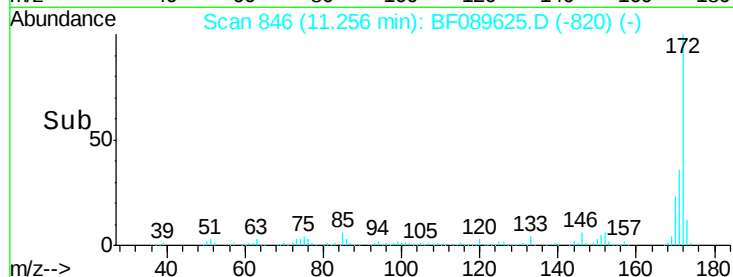
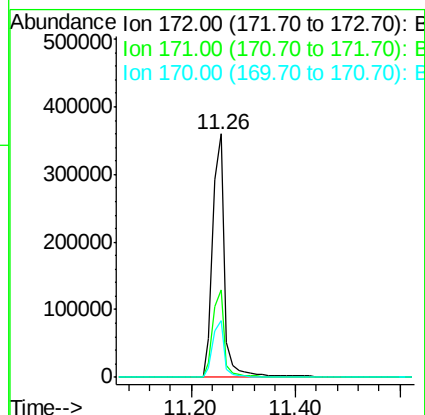
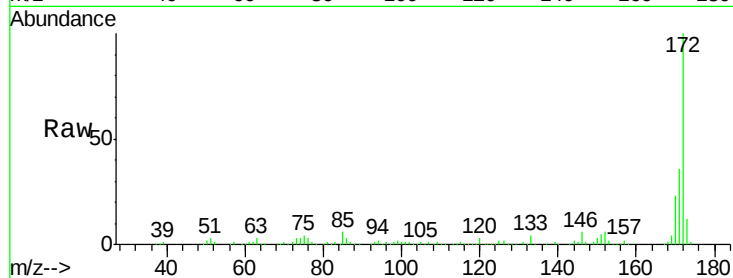




#44
 2-Fluorobiphenyl
 Concen: 82.32 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089625.D
 Acq: 5 Aug 2016 12:01

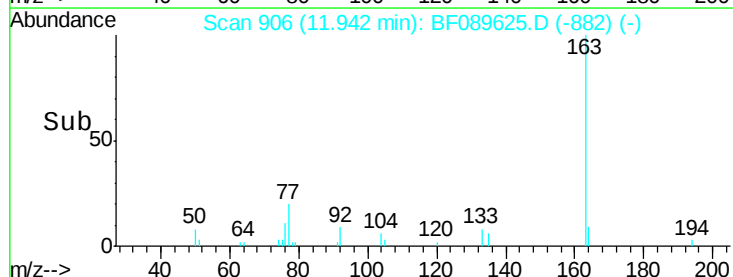
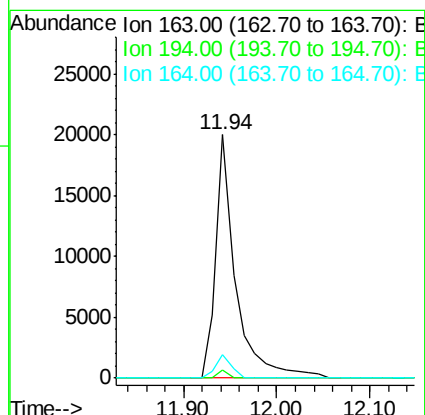
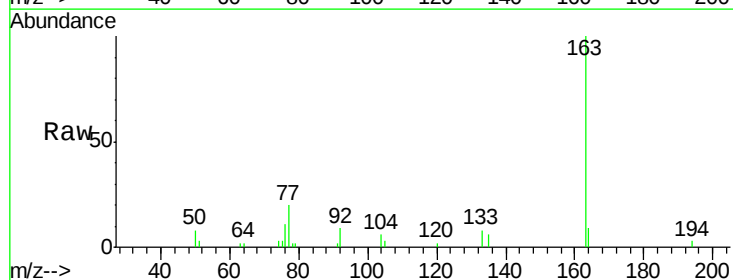
Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

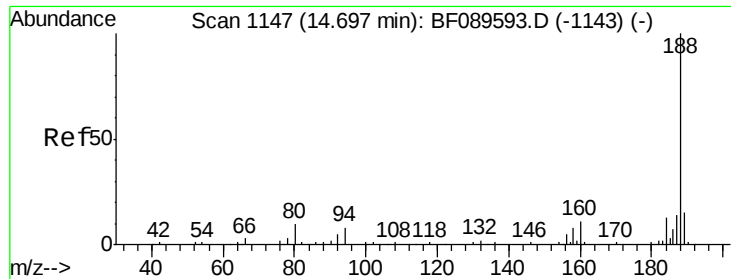
Tgt Ion:172 Resp: 573408
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.4 19.0 28.6



#49
 Dimethylphthalate
 Concen: 4.17 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF089625.D
 Acq: 5 Aug 2016 12:01

Tgt Ion:163 Resp: 29623
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 9.5 7.8 11.6

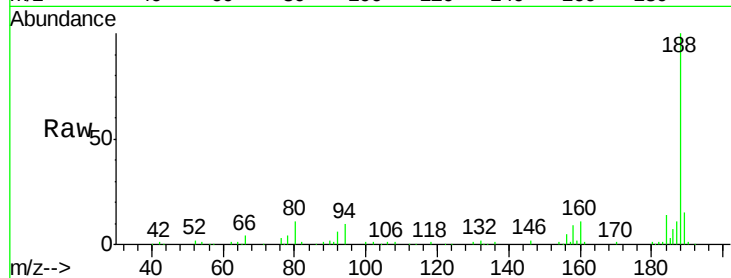




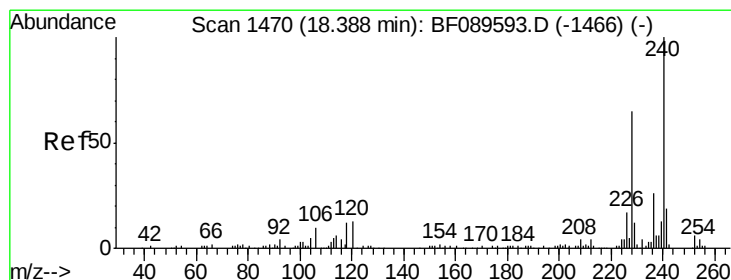
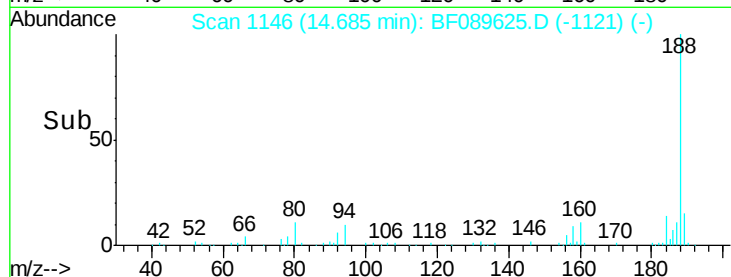
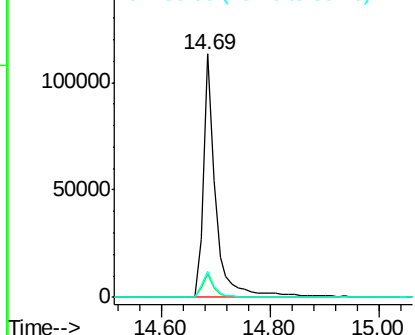
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089625.D
Acq: 5 Aug 2016 12:01

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:188 Resp: 176013
Ion Ratio Lower Upper
188 100
94 9.8 6.5 9.7#
80 10.8 8.0 12.0

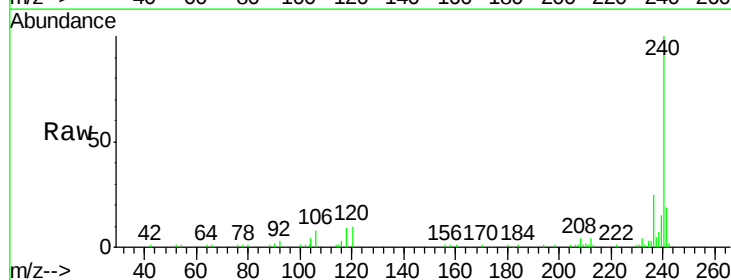


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

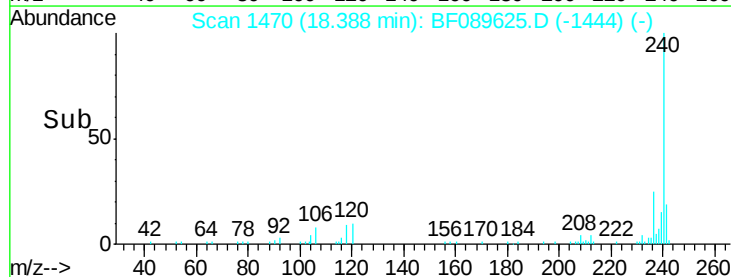
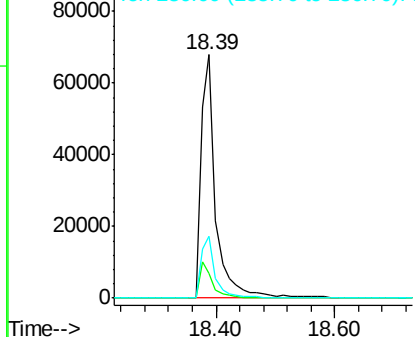


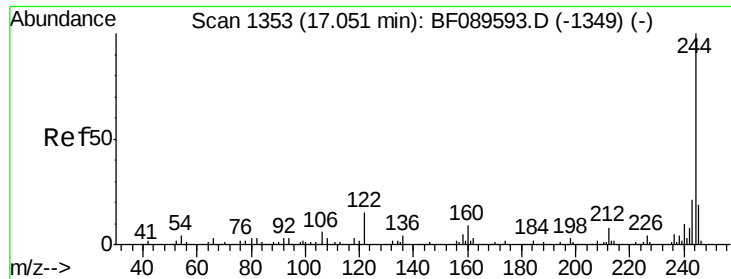
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089625.D
Acq: 5 Aug 2016 12:01

Tgt Ion:240 Resp: 118327
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 25.3 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

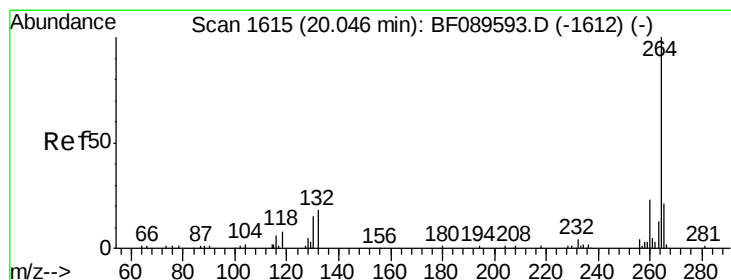
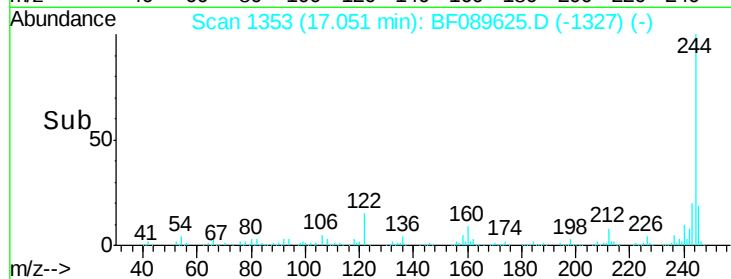
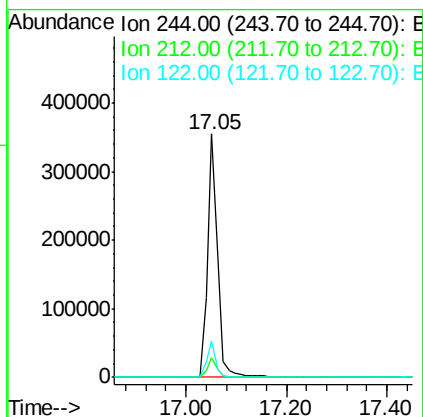
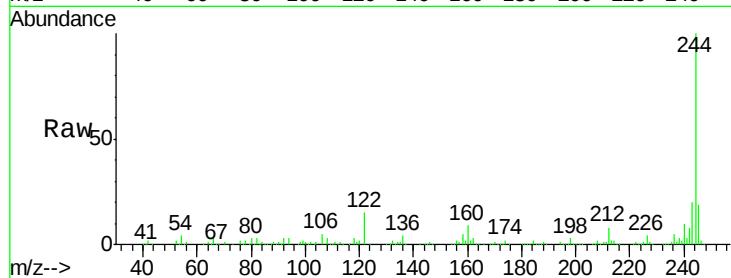




#78
 Terphenyl-d14
 Concen: 81.15 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089625.D
 Acq: 5 Aug 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Tgt Ion: 244 Resp: 486397
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.2 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089625.D
 Acq: 5 Aug 2016 12:01

Tgt Ion: 264 Resp: 84481
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 16.5 24.7

