

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080658.D
 Acq On : 25 Jul 2015 8:54
 Operator : TP/UM
 Sample : G3079-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-7-22-15

Quant Time: Jul 27 01:50:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

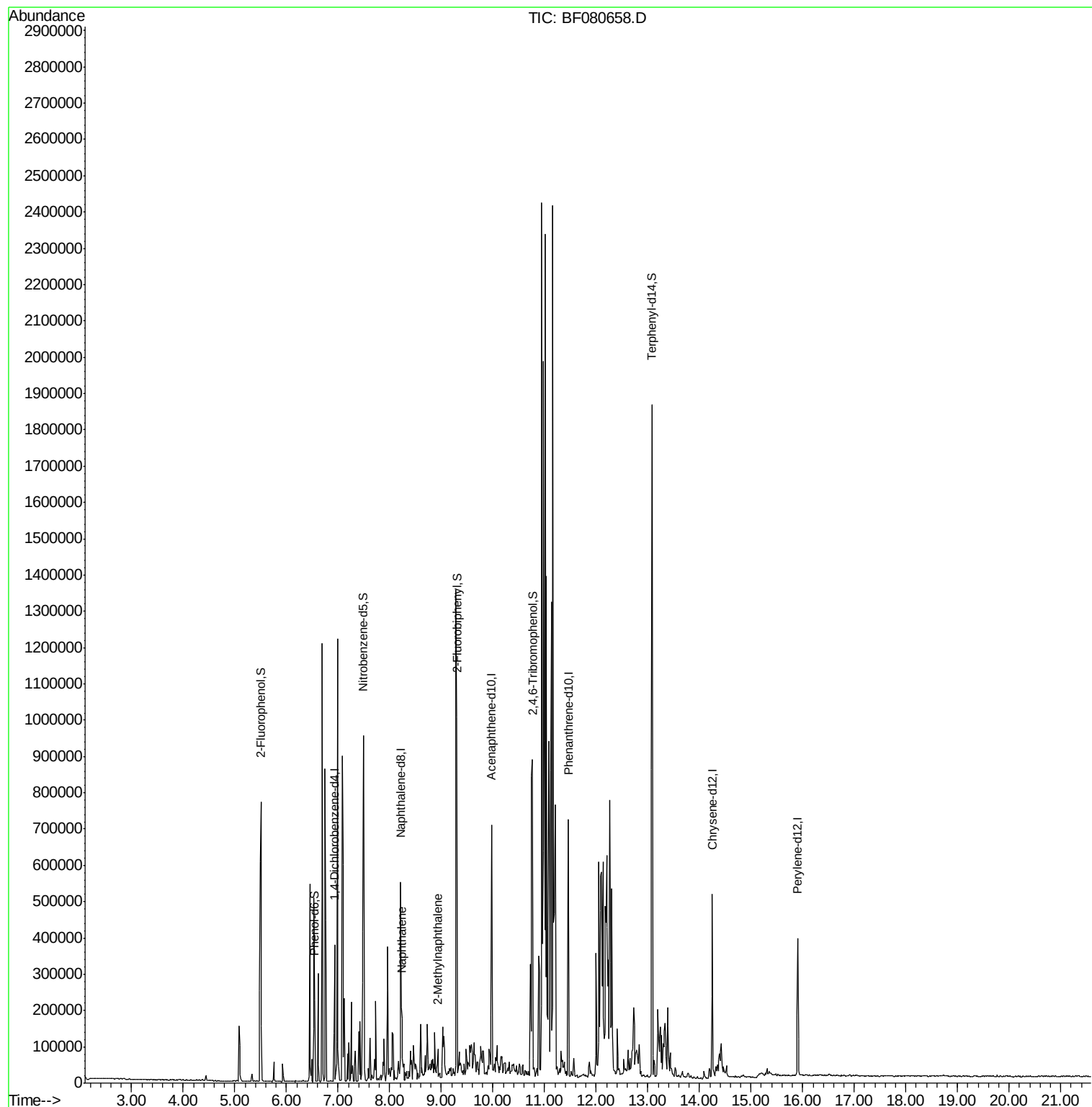
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54635	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	201700	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	118684	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	223578	20.00	ng	0.00
75) Chrysene-d12	14.25	240	198413	20.00	ng	0.09
86) Perylene-d12	15.91	264	171524	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	163334	50.34	ng	0.00
7) Phenol-d6	6.54	99	107037	27.62	ng	0.00
23) Nitrobenzene-d5	7.49	82	298484	74.32	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	123804	116.11	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	532252	69.19	ng	0.00
78) Terphenyl-d14	13.08	244	646941	70.21	ng	0.02
Target Compounds						
31) Naphthalene	8.24	128	48895	4.84	ng	Qvalue # 97
37) 2-Methylnaphthalene	8.93	142	20291	2.82	ng	95

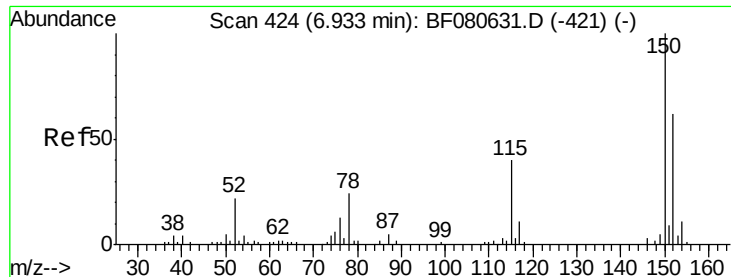
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 04:28:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080658.D

Acq: 25 Jul 2015 8:54

Instrument :

BNA_F

ClientSampleId :

MW-4-7-22-15

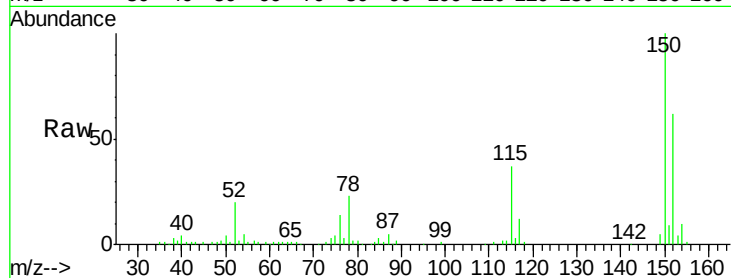
Tgt Ion:152 Resp: 54635

Ion Ratio Lower Upper

152 100

150 161.5 128.9 193.3

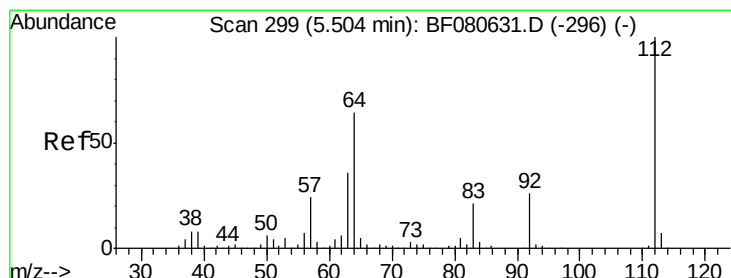
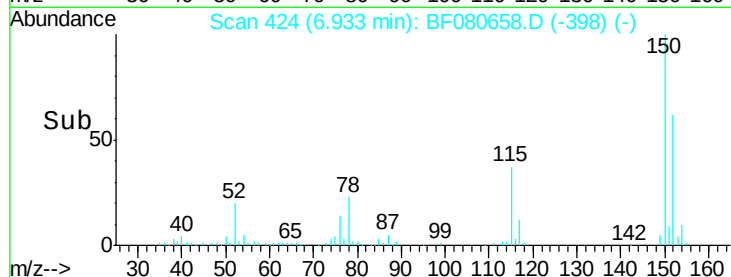
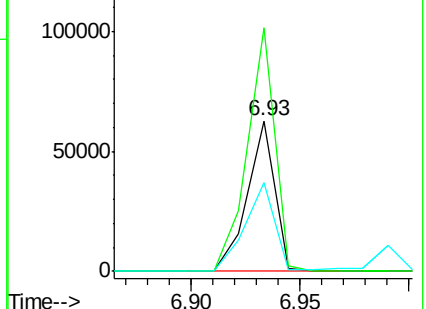
115 59.2 51.0 76.6



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: 50.34 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080658.D

Acq: 25 Jul 2015 8:54

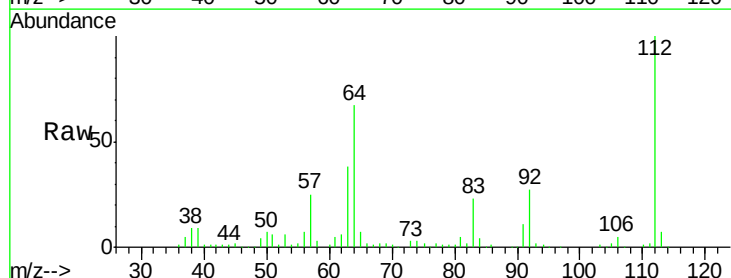
Tgt Ion:112 Resp: 163334

Ion Ratio Lower Upper

112 100

64 66.6 51.2 76.8

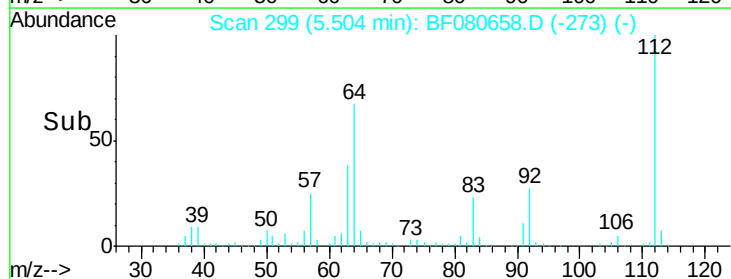
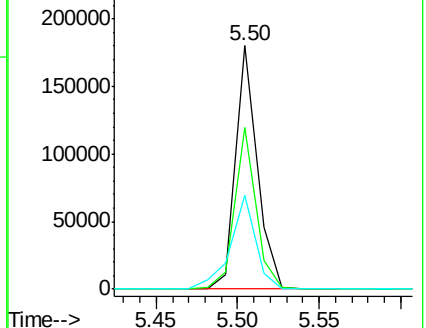
63 38.4 29.0 43.6

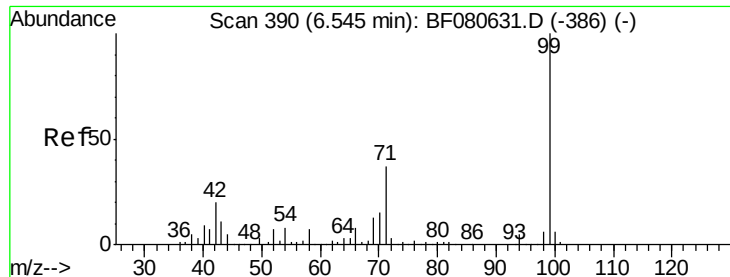


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.62 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080658.D

Acq: 25 Jul 2015 8:54

Instrument :

BNA_F

ClientSampleId :

MW-4-7-22-15

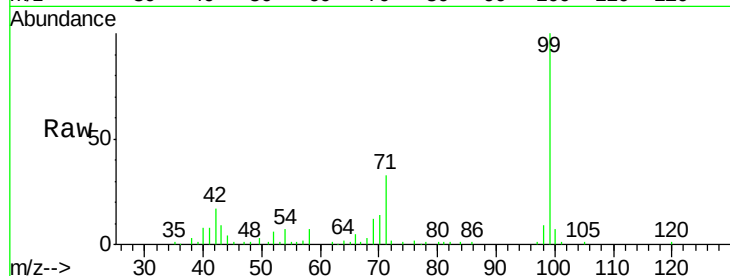
Tgt Ion: 99 Resp: 107037

Ion Ratio Lower Upper

99 100

42 17.1 16.3 24.5

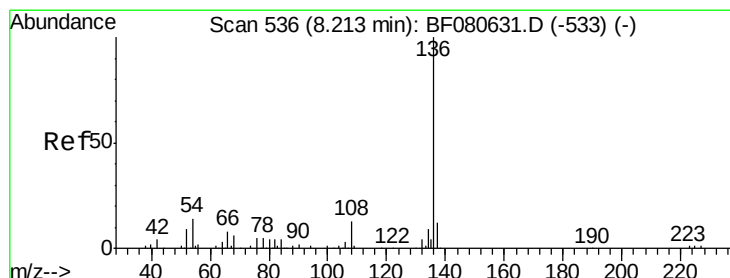
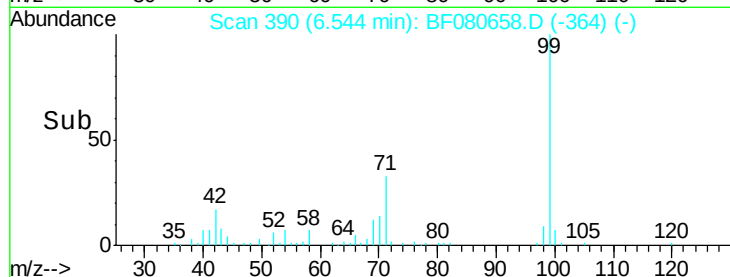
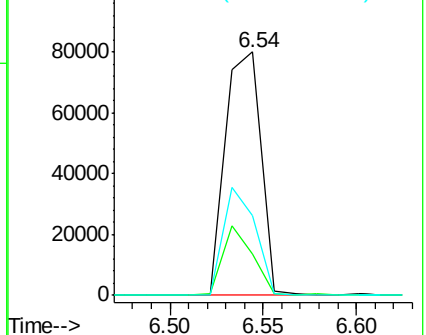
71 32.9 29.7 44.5



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: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080658.D

Acq: 25 Jul 2015 8:54

Tgt Ion: 136 Resp: 201700

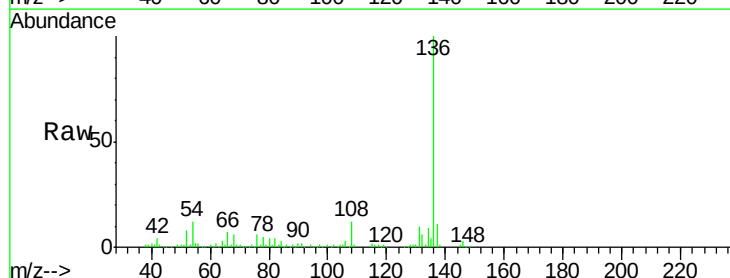
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 12.3 11.6 17.4

68 5.9 5.0 7.4

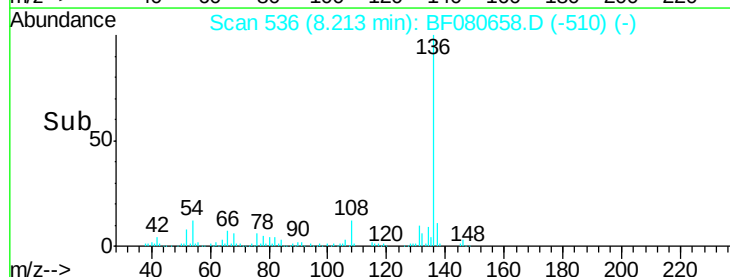
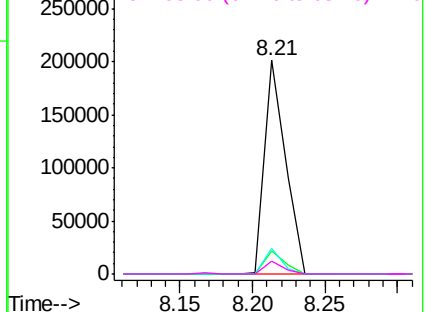


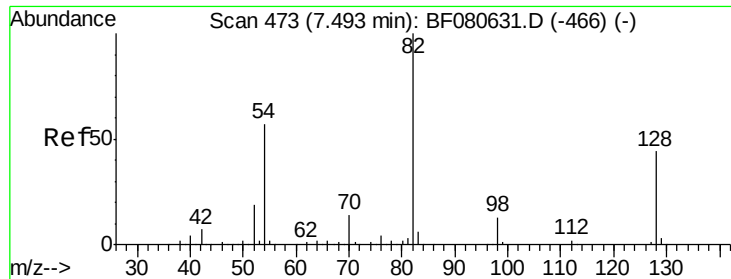
Abundance Ion 136.00 (135.70 to 136.70): E

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

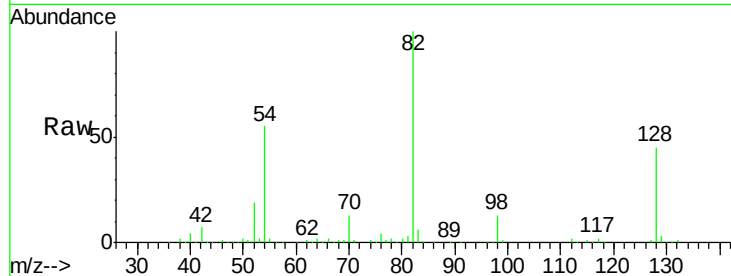




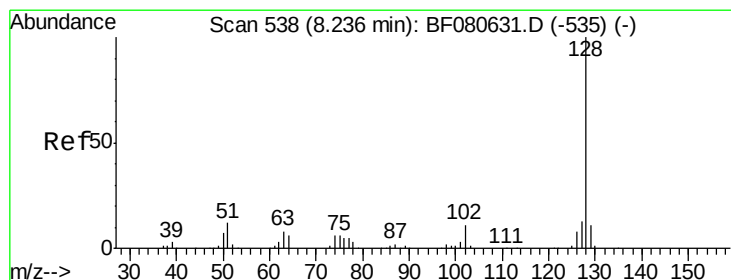
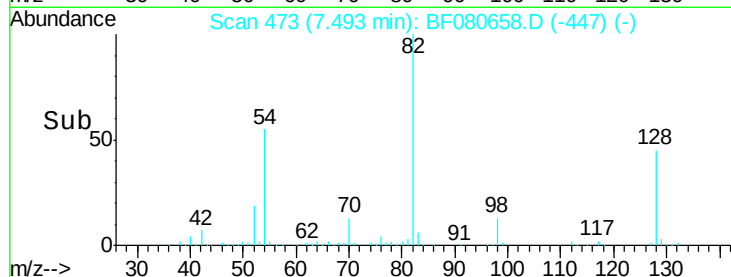
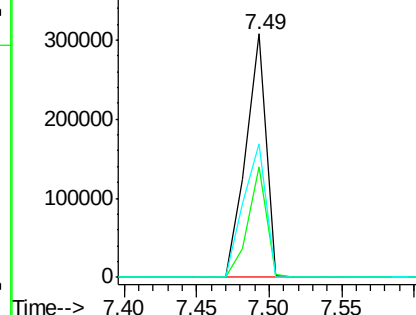
#23
Nitrobenzene-d5
Concen: 74.32 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080658.D
Acq: 25 Jul 2015 8:54

Instrument :
BNA_F
ClientSampleId :
MW-4-7-22-15

Tgt Ion: 82 Resp: 298484
Ion Ratio Lower Upper
82 100
128 45.4 34.8 52.2
54 54.7 45.4 68.0

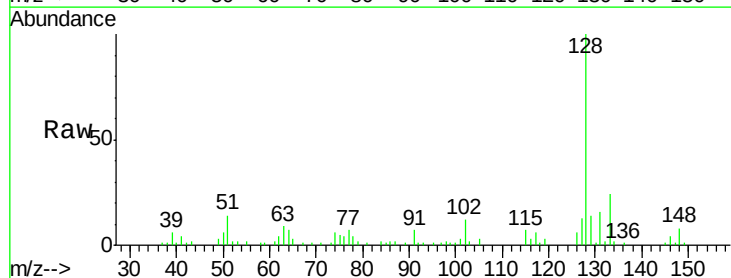


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

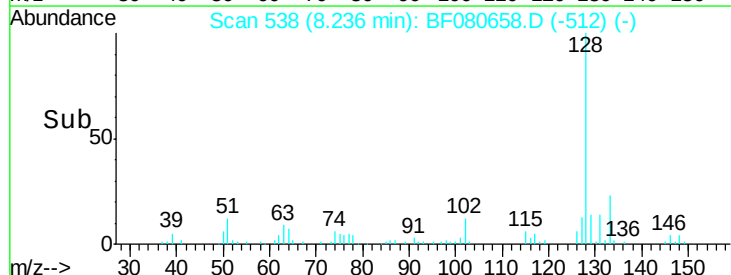
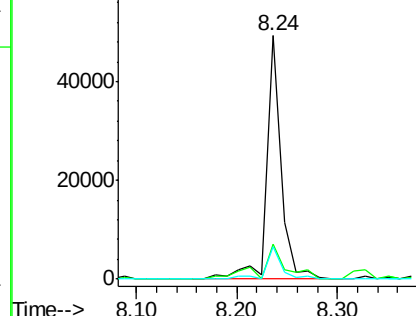


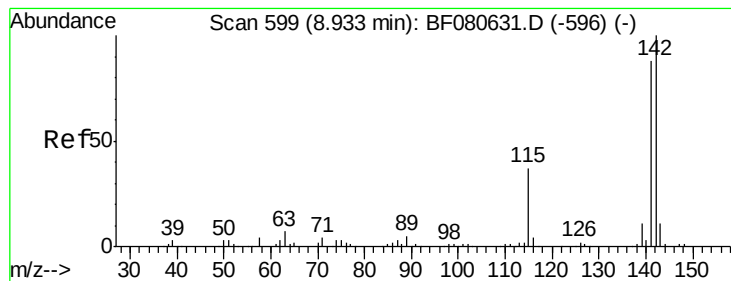
#31
Naphthalene
Concen: 4.84 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080658.D
Acq: 25 Jul 2015 8:54

Tgt Ion: 128 Resp: 48895
Ion Ratio Lower Upper
128 100
129 14.1 9.0 13.6#
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.82 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080658.D

Acq: 25 Jul 2015 8:54

Instrument :

BNA_F

ClientSampleId :

MW-4-7-22-15

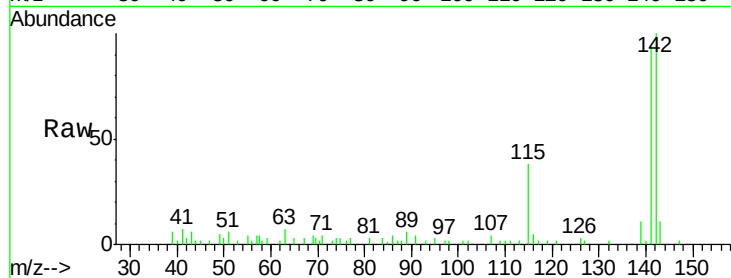
Tgt Ion:142 Resp: 20291

Ion Ratio Lower Upper

142 100

141 93.9 70.7 106.1

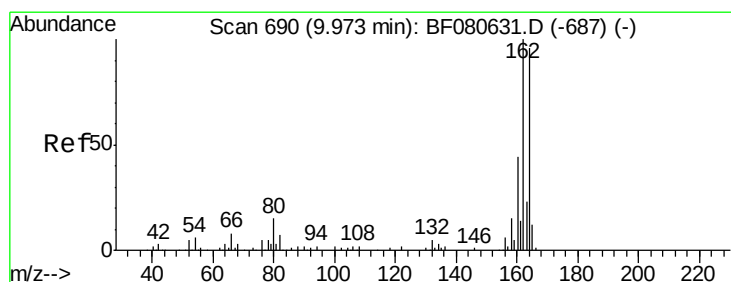
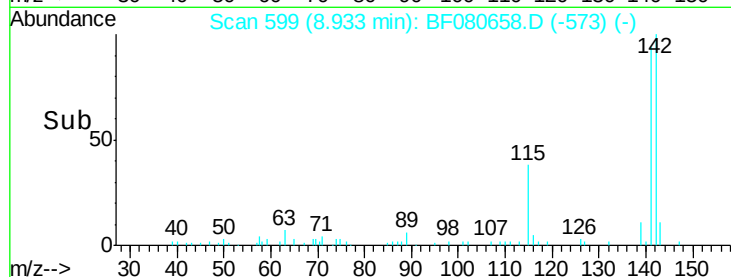
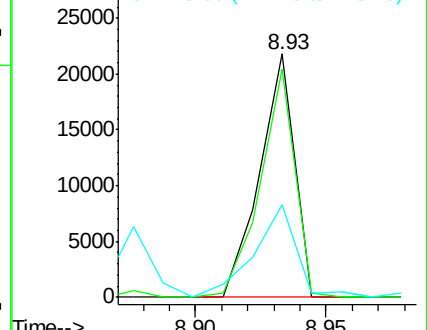
115 38.2 29.3 43.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080658.D

Acq: 25 Jul 2015 8:54

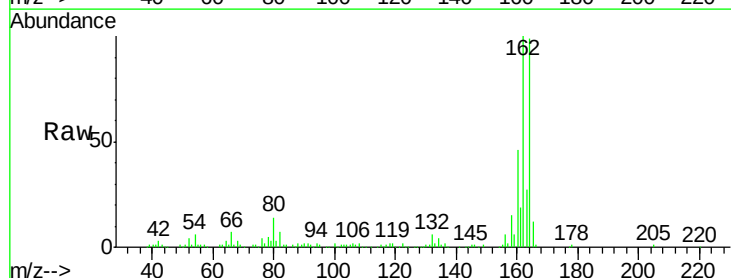
Tgt Ion:164 Resp: 118684

Ion Ratio Lower Upper

164 100

162 101.4 83.3 124.9

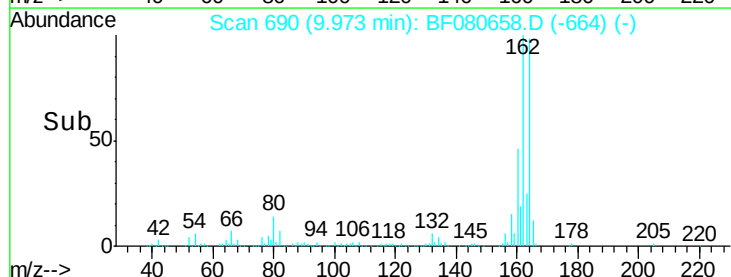
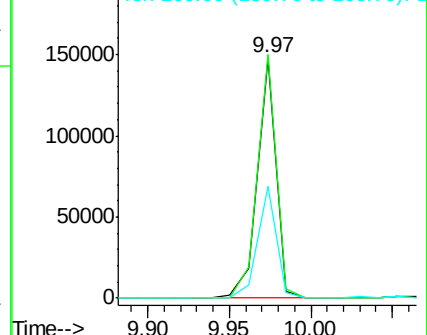
160 46.4 36.9 55.3

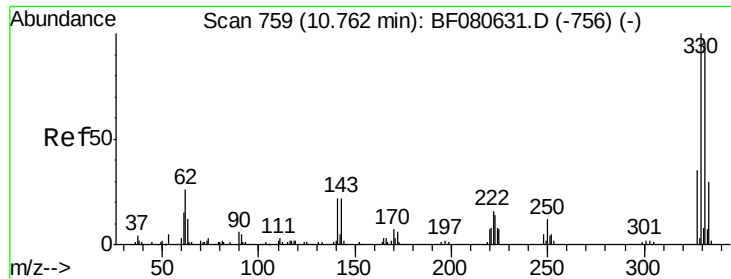


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

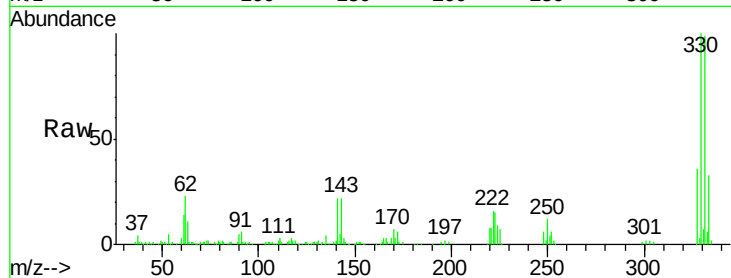




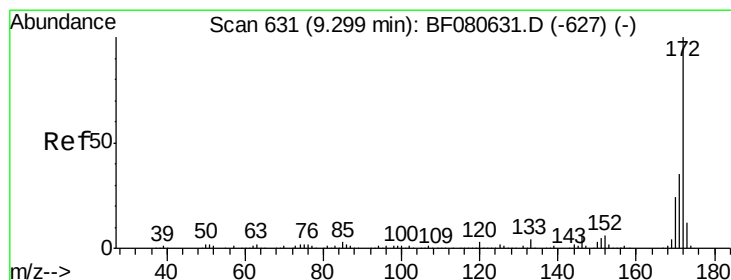
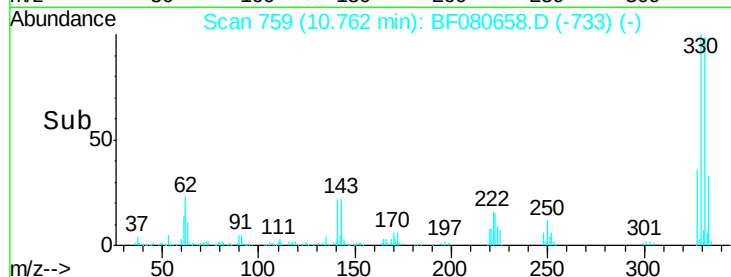
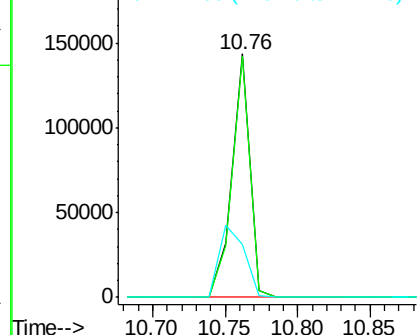
#41
 2,4,6-Tribromophenol
 Concen: 116.11 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080658.D
 Acq: 25 Jul 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-7-22-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.7	115.1
141	42.1	32.7	49.1

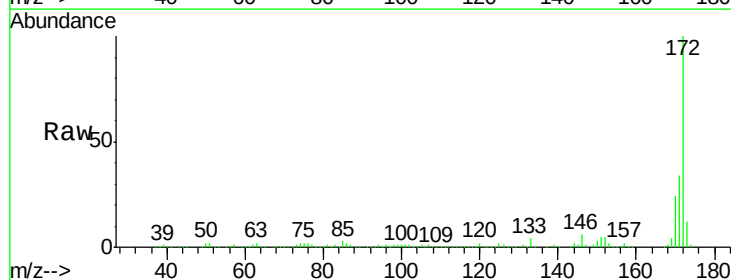


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

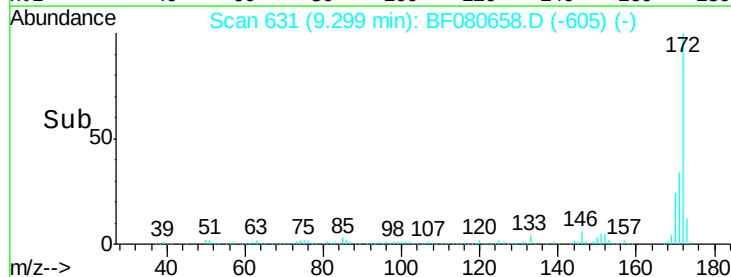
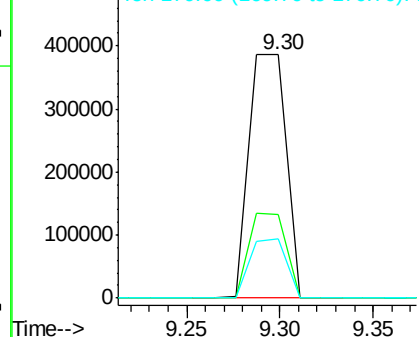


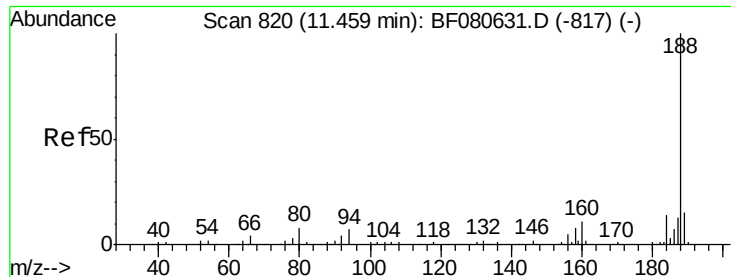
#44
 2-Fluorobiphenyl
 Concen: 69.19 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080658.D
 Acq: 25 Jul 2015 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	24.2	19.0	28.4



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

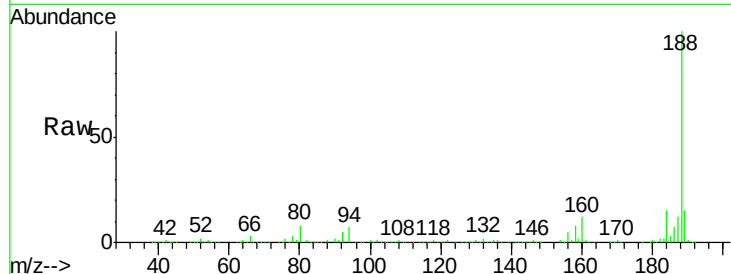




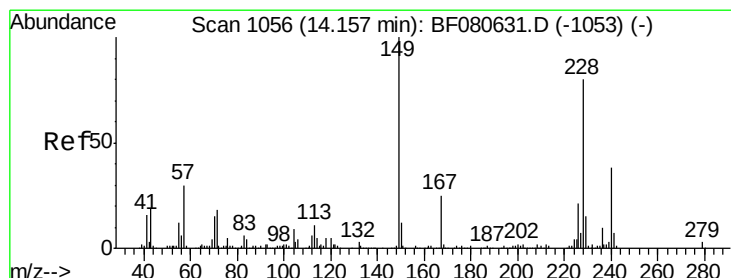
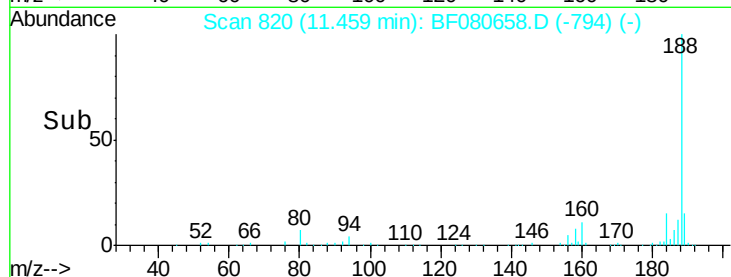
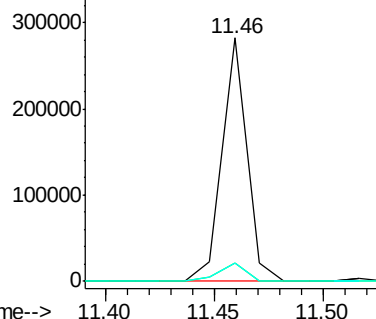
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080658.D
Acq: 25 Jul 2015 8:54

Instrument :
BNA_F
ClientSampleId :
MW-4-7-22-15

Tgt Ion:188 Resp: 223578
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 7.7 6.1 9.1

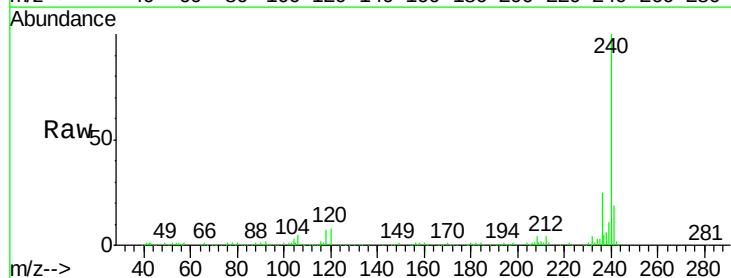


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

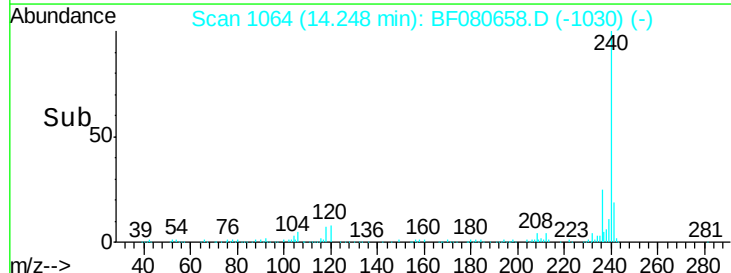
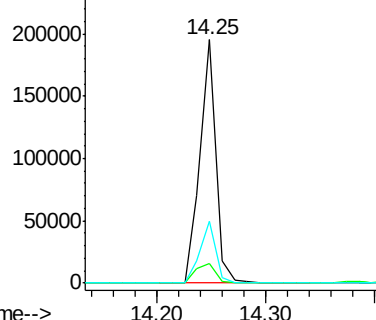


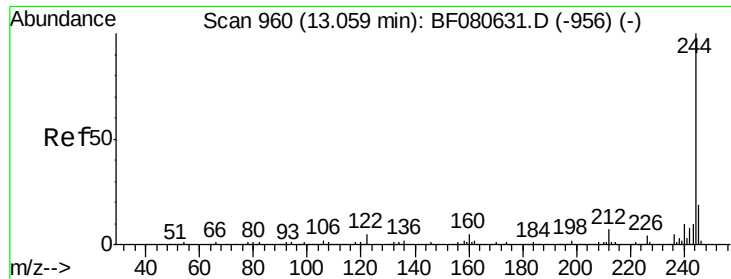
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080658.D
Acq: 25 Jul 2015 8:54

Tgt Ion:240 Resp: 198413
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.2 20.3 30.5



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

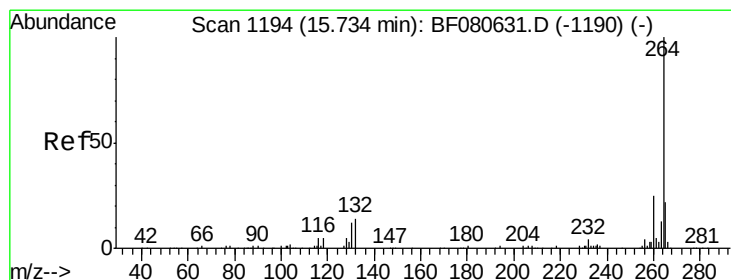
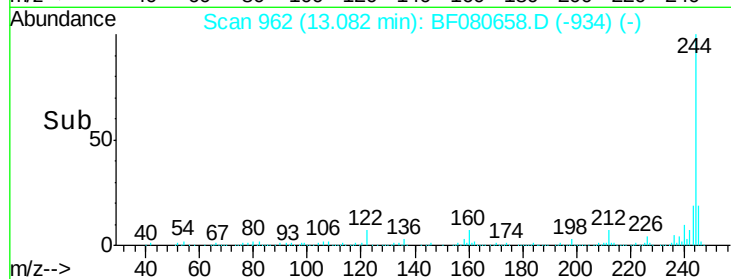
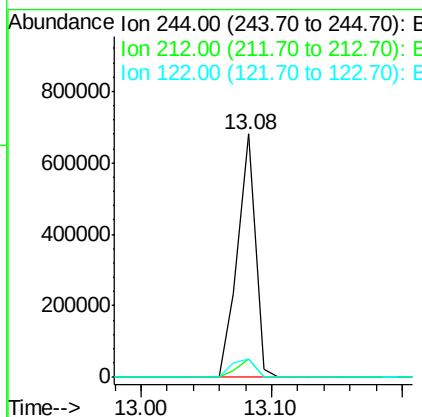
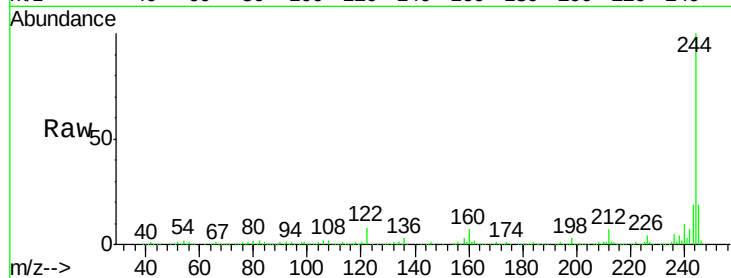




#78
 Terphenyl-d14
 Concen: 70.21 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF080658.D
 Acq: 25 Jul 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-7-22-15

Tgt Ion: 244 Resp: 646941
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.2 7.8
 122 7.5 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1209
 Delta R.T. 0.17 min
 Lab File: BF080658.D
 Acq: 25 Jul 2015 8:54

Tgt Ion: 264 Resp: 171524
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 22.1 17.4 26.0

