

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
 Data File : BE089711.D
 Acq On : 27 Feb 2015 4:39
 Operator : TP/JJ
 Sample : G1382-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW1-022515

Quant Time: Feb 27 14:01:40 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE022615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 13:38:44 2015
 Response via : Initial Calibration

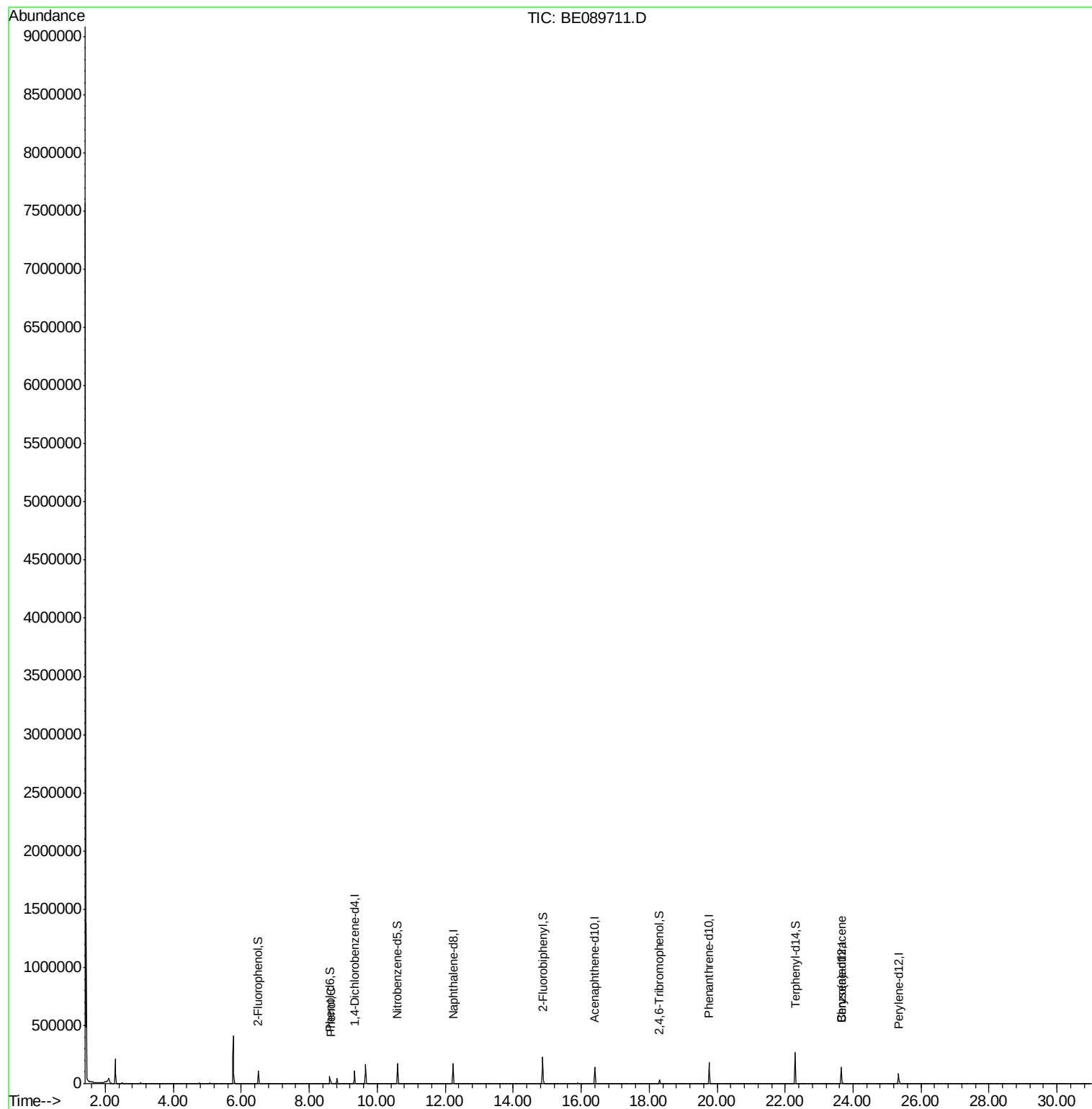
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	50194	5.00	ng	0.00
7) Naphthalene-d8	12.23	136	209503	5.00	ng	0.00
13) Acenaphthene-d10	16.40	164	94541	5.00	ng	0.00
17) Phenanthrene-d10	19.76	188	172350	5.00	ng	0.00
20) Chrysene-d12	23.65	240	131021	5.00	ng	0.00
27) Perylene-d12	25.33	264	92530	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	73364	6.04	ng	0.01
4) Phenol-d6	8.61	99	55087	3.34	ng	0.00
8) Nitrobenzene-d5	10.60	82	126818	9.76	ng	0.00
14) 2,4,6-Tribromophenol	18.31	330	18042	11.13	ng	0.00
15) 2-Fluorobiphenyl	14.87	172	222449	10.59	ng	0.00
22) Terphenyl-d14	22.30	244	204674	12.89	ng	0.00
Target Compounds						
5) Phenol	8.64	94	10483	0.58	ng	# 57
23) Benzo(a)anthracene	23.64	228	1941	0.02	ng	# 86

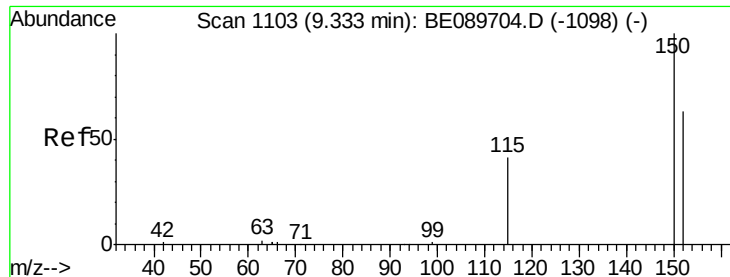
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.33 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Instrument :

BNA_E

ClientSampleId :

MW1-022515

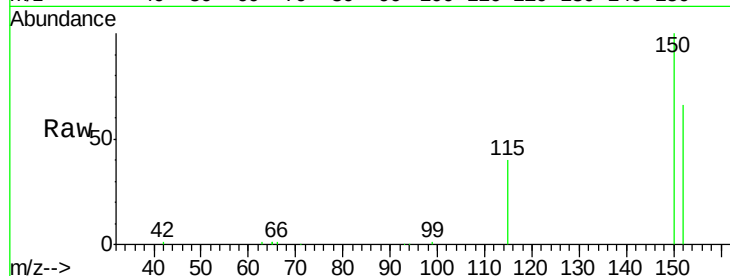
Tgt Ion:152 Resp: 50194

Ion Ratio Lower Upper

152 100

150 151.8 127.3 190.9

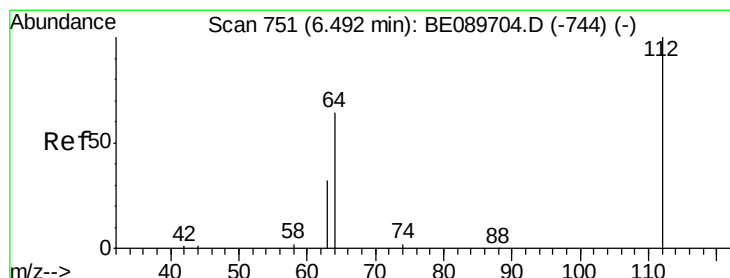
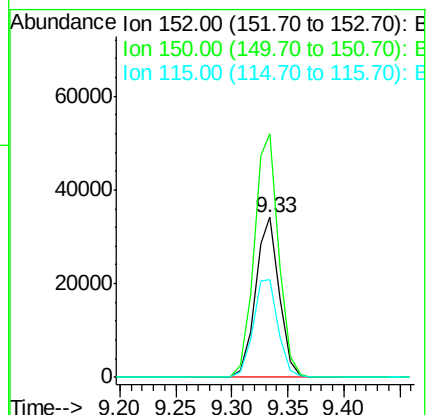
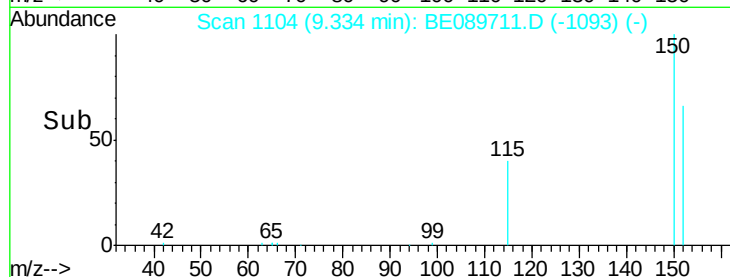
115 61.0 52.0 78.0



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



#3

2-Fluorophenol

Concen: 6.04 ng

RT: 6.50 min Scan# 753

Delta R.T. 0.01 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

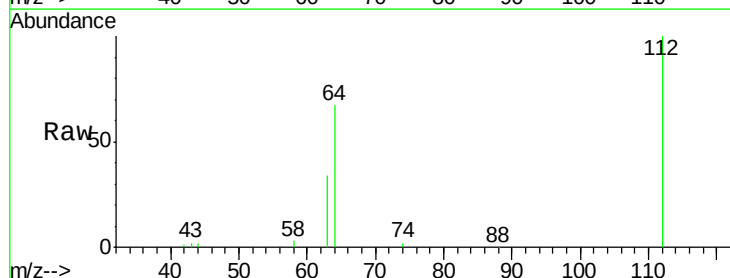
Tgt Ion:112 Resp: 73364

Ion Ratio Lower Upper

112 100

64 67.0 51.3 76.9

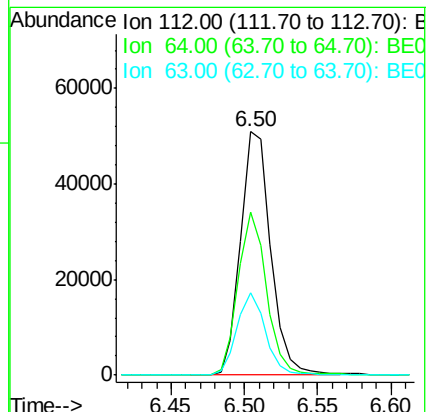
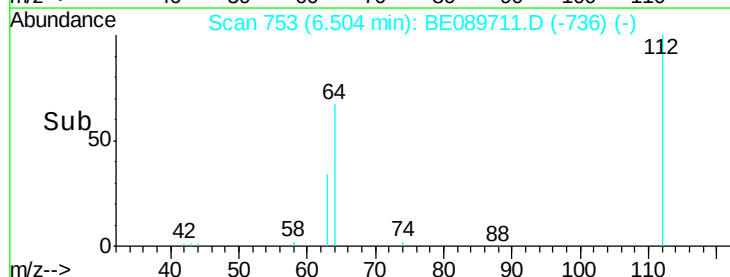
63 34.1 26.2 39.2

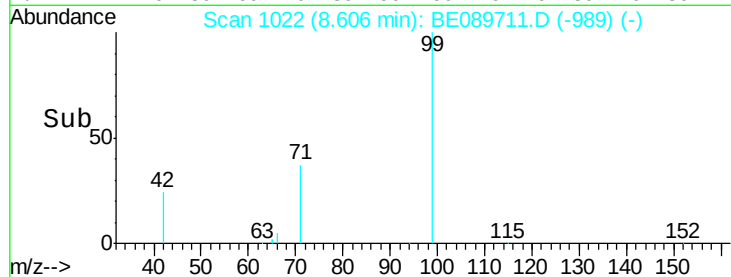
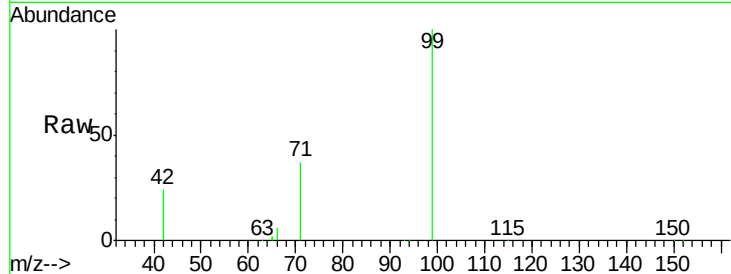
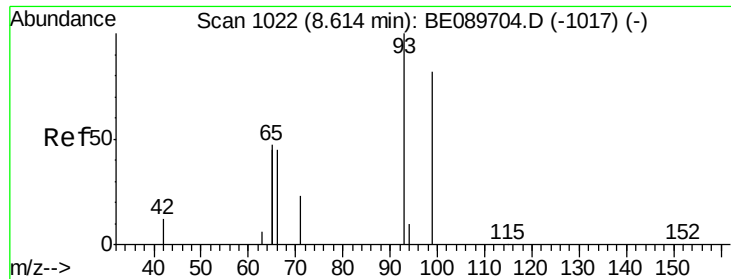


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 3.34 ng

RT: 8.61 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Instrument :

BNA_E

ClientSampleId :

MW1-022515

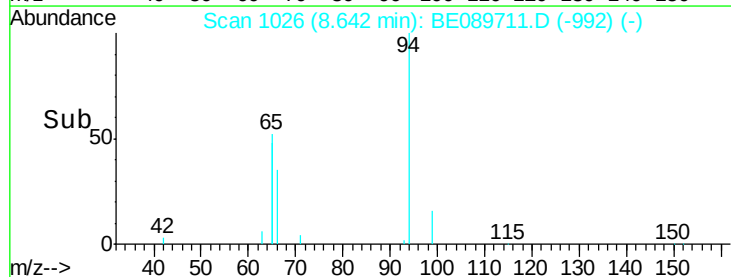
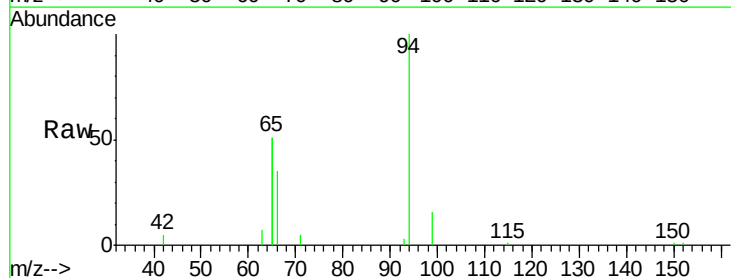
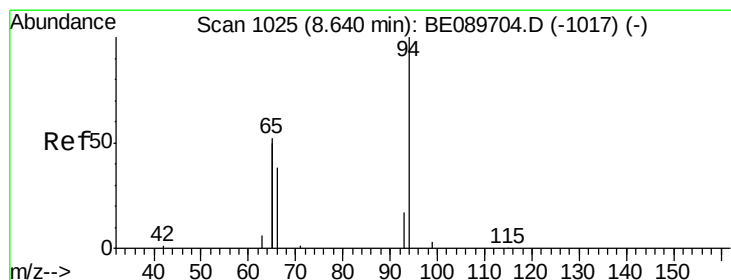
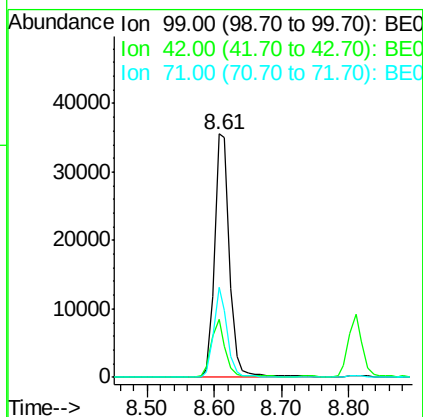
Tgt Ion: 99 Resp: 55087

Ion Ratio Lower Upper

99 100

42 24.1 12.3 18.5#

71 36.9 22.9 34.3#



#5

Phenol

Concen: 0.58 ng

RT: 8.64 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

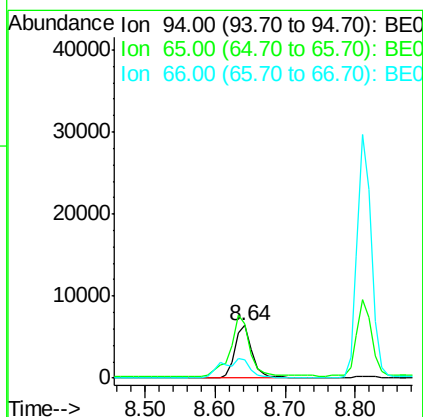
Tgt Ion: 94 Resp: 10483

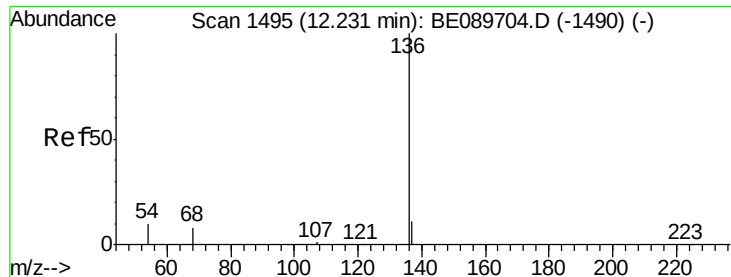
Ion Ratio Lower Upper

94 100

65 102.4 31.7 71.7#

66 35.4 17.9 57.9





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.23 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Instrument :

BNA_E

ClientSampleId :

MW1-022515

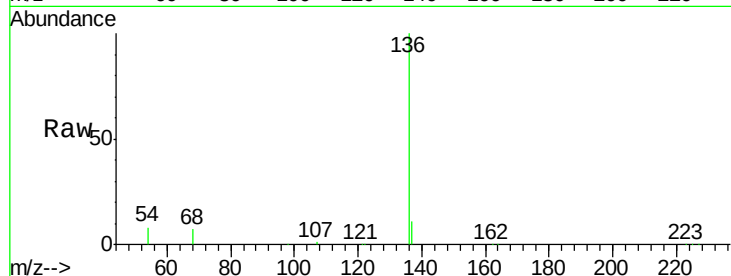
Tgt Ion: 136 Resp: 209503

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

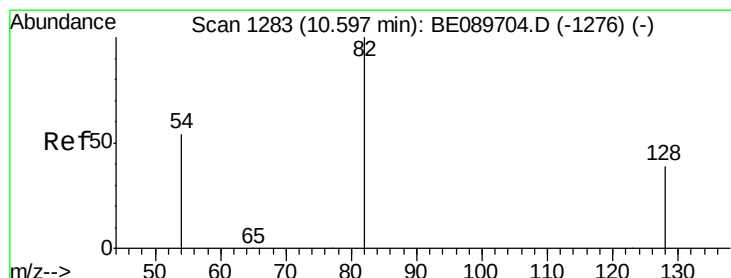
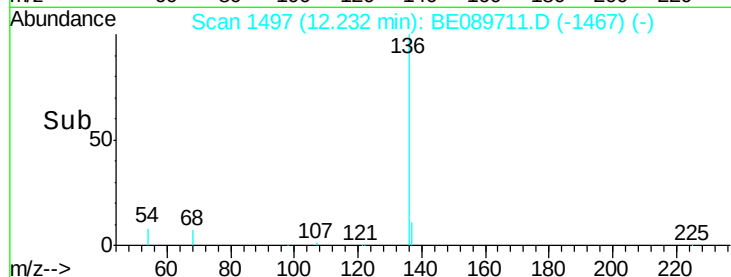
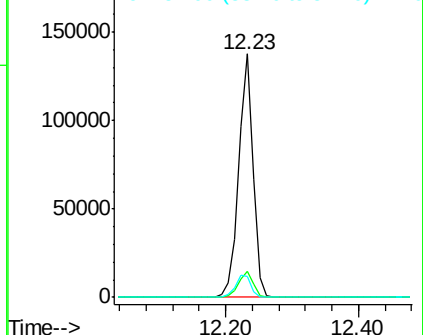
54 8.3 8.1 12.1



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): BE0



#8

Nitrobenzene-d5

Concen: 9.76 ng

RT: 10.60 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

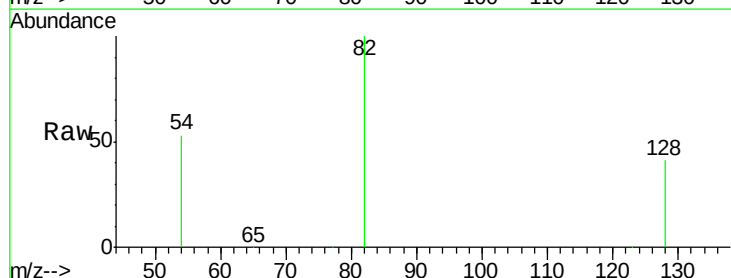
Tgt Ion: 82 Resp: 126818

Ion Ratio Lower Upper

82 100

128 40.9 31.4 47.2

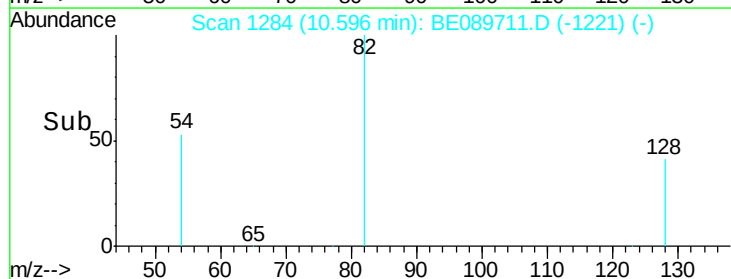
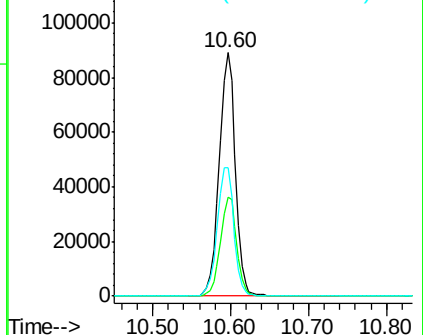
54 52.7 43.8 65.8

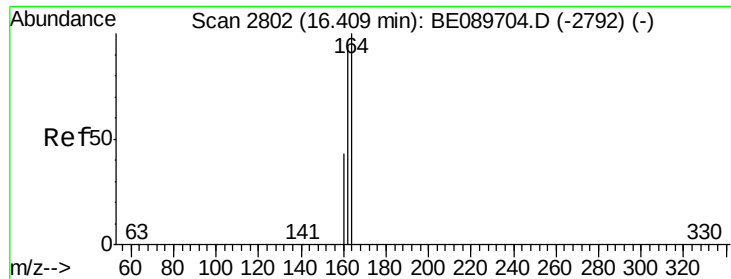


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.40 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Instrument :

BNA_E

ClientSampleId :

MW1-022515

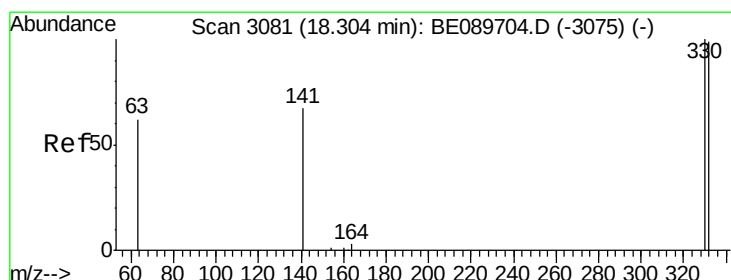
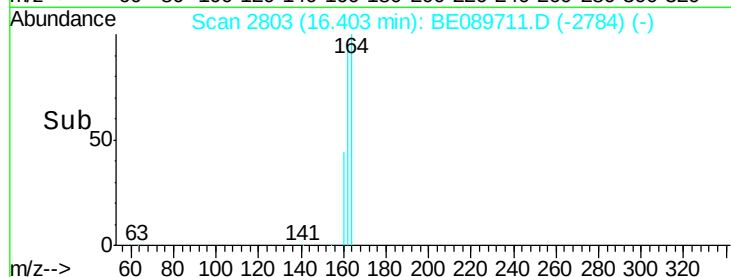
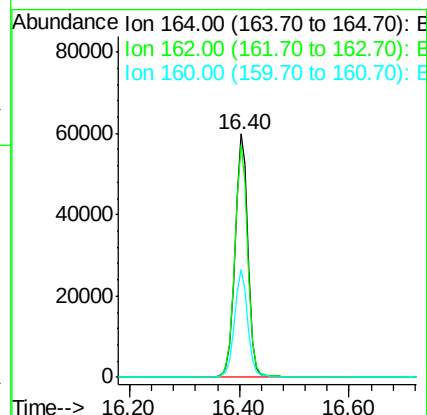
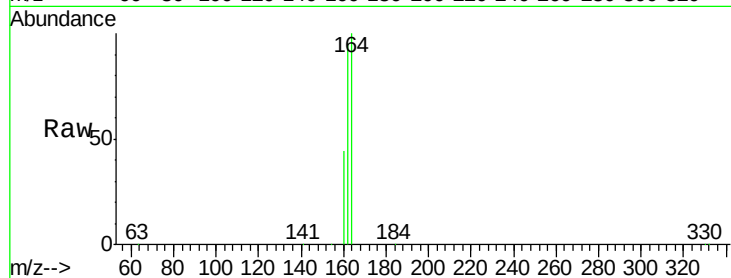
Tgt Ion:164 Resp: 94541

Ion Ratio Lower Upper

164 100

162 95.3 75.0 112.6

160 44.3 34.3 51.5



#14

2,4,6-Tribromophenol

Concen: 11.13 ng

RT: 18.31 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

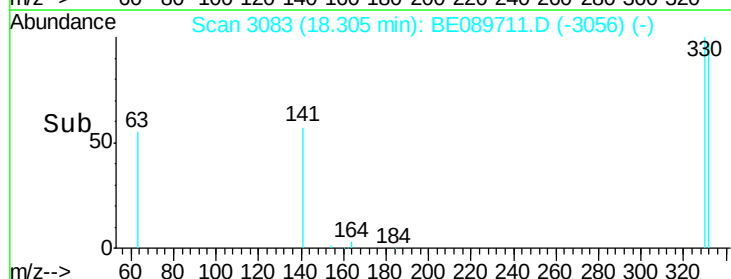
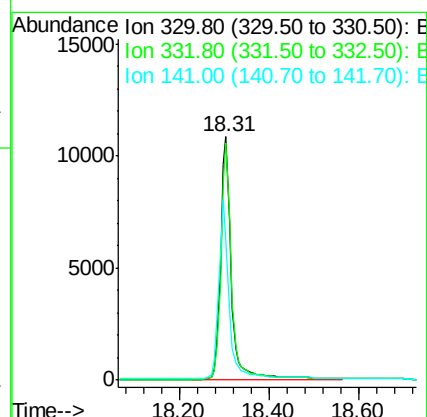
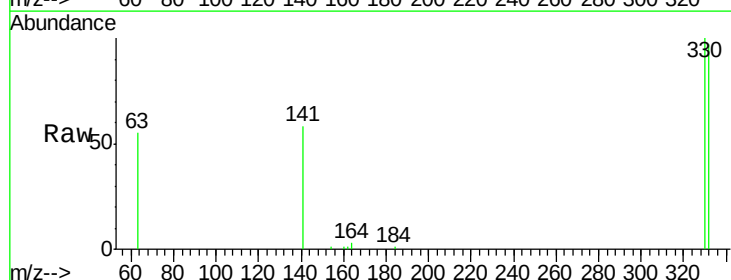
Tgt Ion:330 Resp: 18042

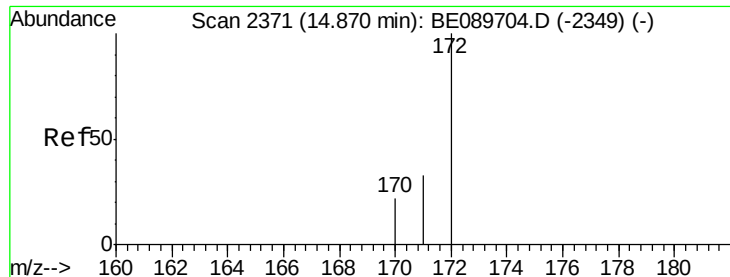
Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

141 72.4 0.0 0.0#

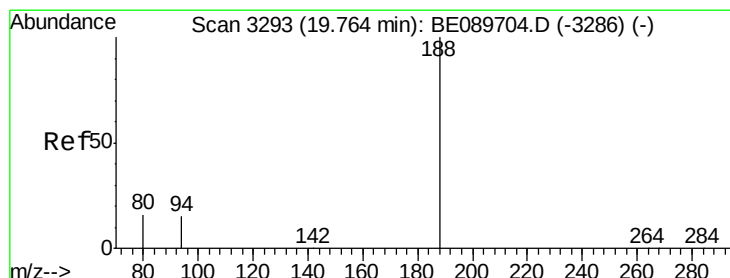
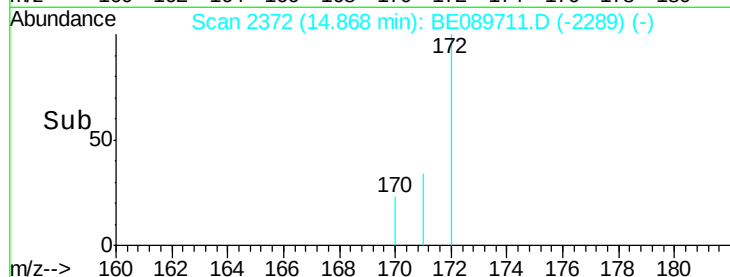
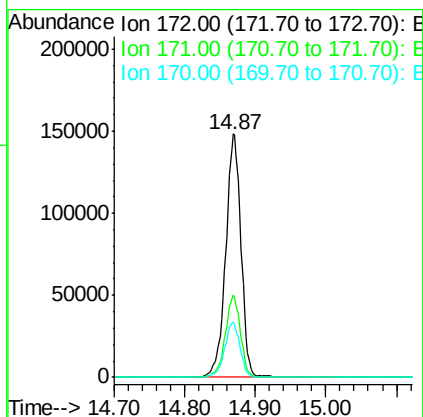
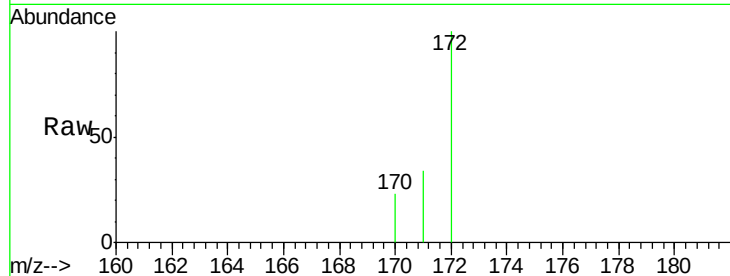




#15
2-Fluorobiphenyl
Concen: 10.59 ng
RT: 14.87 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BE089711.D
Acq: 27 Feb 2015 4:39

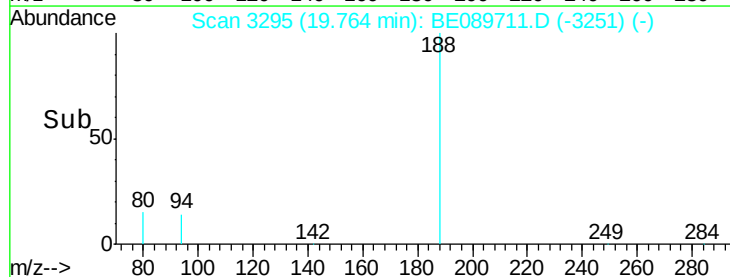
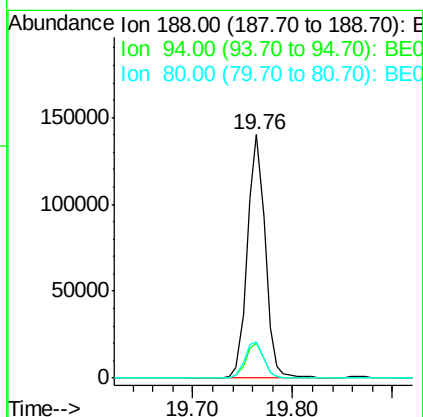
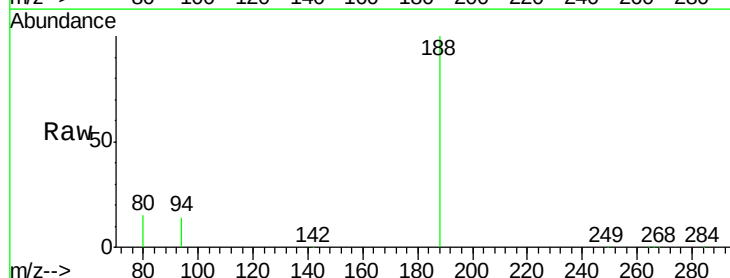
Instrument :
BNA_E
ClientSampleId :
MW1-022515

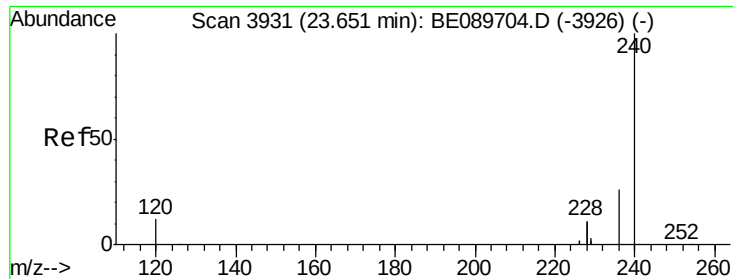
Tgt Ion:172 Resp: 222449
Ion Ratio Lower Upper
172 100
171 33.9 26.8 40.2
170 22.8 18.0 27.0



#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BE089711.D
Acq: 27 Feb 2015 4:39

Tgt Ion:188 Resp: 172350
Ion Ratio Lower Upper
188 100
94 14.2 12.1 18.1
80 14.9 12.7 19.1





#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.65 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Instrument :

BNA_E

ClientSampleId :

MW1-022515

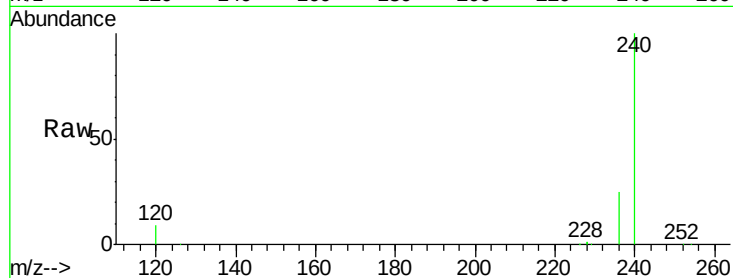
Tgt Ion:240 Resp: 131021

Ion Ratio Lower Upper

240 100

120 9.3 9.9 14.9#

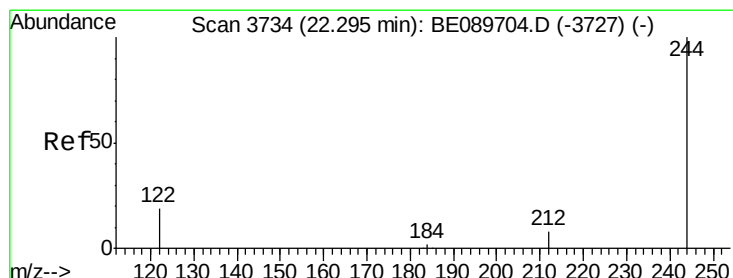
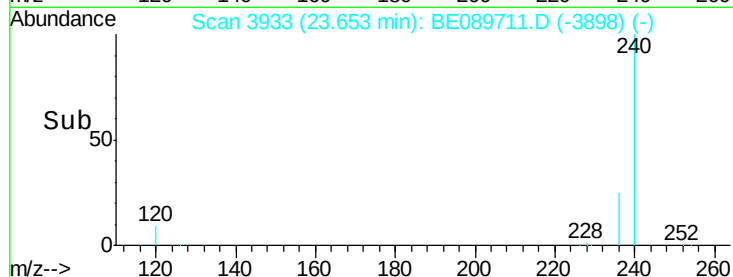
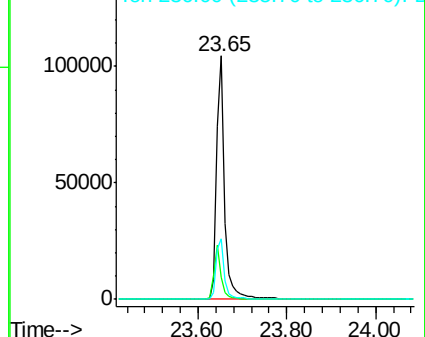
236 24.8 21.0 31.6



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



#22

Terphenyl-d14

Concen: 12.89 ng

RT: 22.30 min Scan# 3736

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

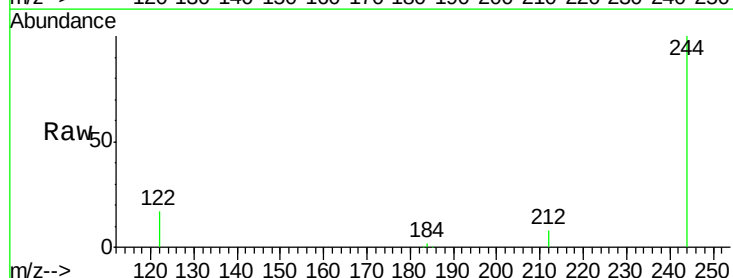
Tgt Ion:244 Resp: 204674

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

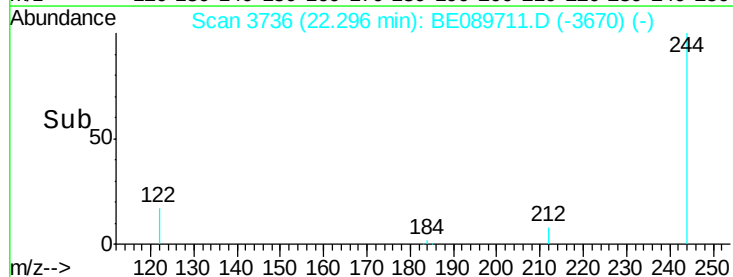
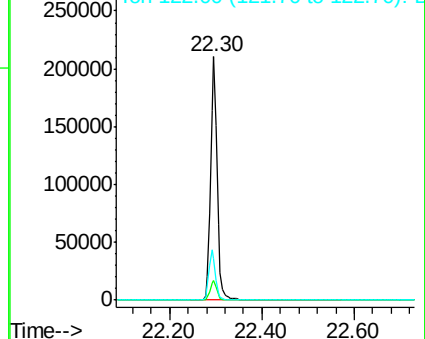
122 16.9 15.7 23.5

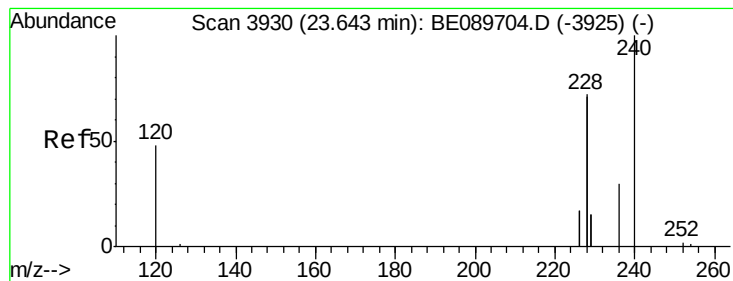


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#23

Benzo(a)anthracene

Concen: 0.02 ng

RT: 23.64 min Scan# 3932

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Instrument :

BNA_E

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MW1-022515

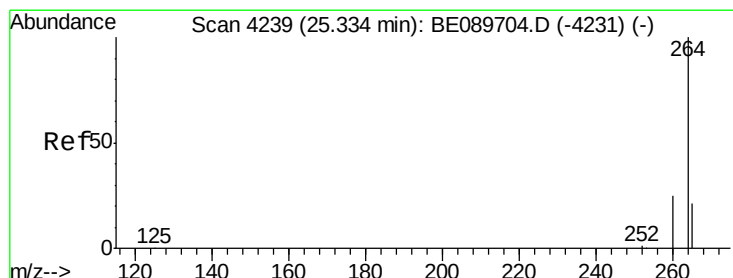
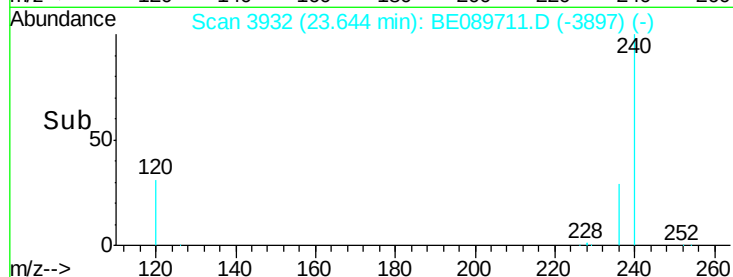
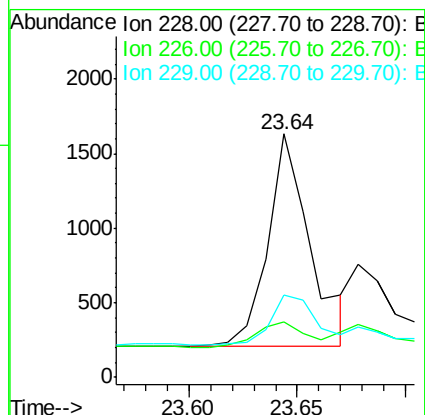
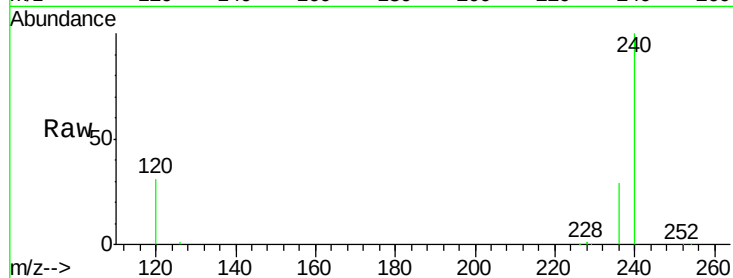
Tgt Ion:228 Resp: 1941

Ion Ratio Lower Upper

228 100

226 22.9 19.3 28.9

229 33.8 16.6 25.0#



#27

Perylene-d12

Concen: 5.00 ng

RT: 25.33 min Scan# 4241

Delta R.T. 0.00 min

Lab File: BE089711.D

Acq: 27 Feb 2015 4:39

Tgt Ion:264 Resp: 92530

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.2

265 21.8 16.9 25.3

