

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
 Data File : BE089712.D
 Acq On : 27 Feb 2015 5:18
 Operator : TP/JJ
 Sample : G1382-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW2-022515

Quant Time: Feb 27 14:03:41 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

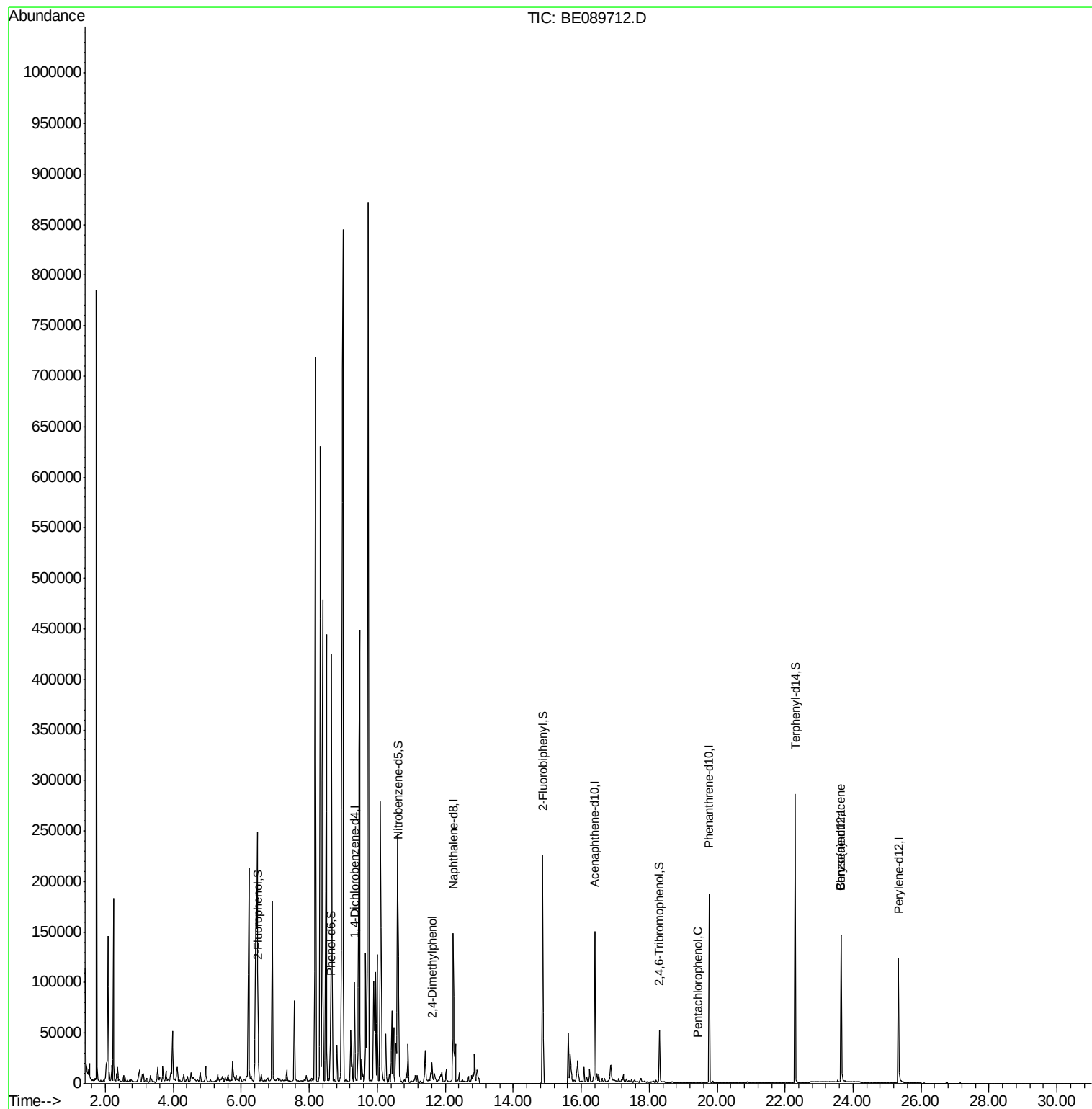
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	45366	5.00	ng	0.00
7) Naphthalene-d8	12.24	136	193149	5.00	ng	0.00
13) Acenaphthene-d10	16.40	164	92665	5.00	ng	0.00
17) Phenanthrene-d10	19.76	188	171722	5.00	ng	0.00
20) Chrysene-d12	23.65	240	139174	5.00	ng	0.00
27) Perylene-d12	25.33	264	116990	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	52535	4.78	ng	0.00
4) Phenol-d6	8.62	99	44095	2.96	ng	0.01
8) Nitrobenzene-d5	10.61	82	112428	9.39	ng	0.01
14) 2,4,6-Tribromophenol	18.31	330	25254	15.72	ng	0.00
15) 2-Fluorobiphenyl	14.87	172	211839	10.29	ng	0.00
22) Terphenyl-d14	22.30	244	216119	12.81	ng	0.00
Target Compounds						
10) 2,4-Dimethylphenol	11.61	122	17275	1.95	ng	Qvalue 91
19) Pentachlorophenol	19.43	266	128	0.29	ng	# 82
23) Benzo(a)anthracene	23.64	228	2829	0.03	ng	# 80

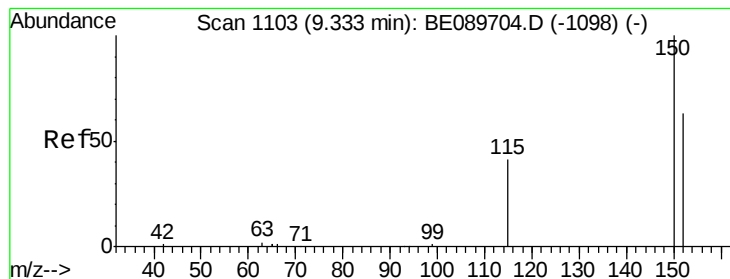
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.33 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

Instrument :

BNA_E

ClientSampleId :

MW2-022515

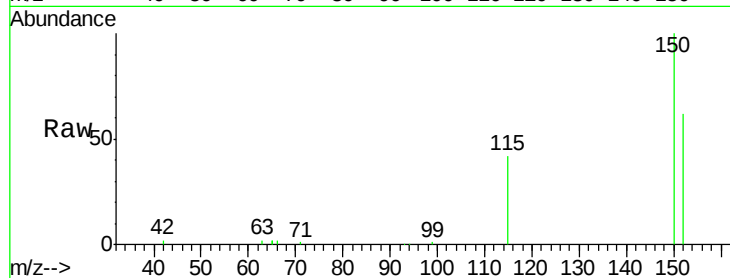
Tgt Ion:152 Resp: 45366

Ion Ratio Lower Upper

152 100

150 161.8 127.3 190.9

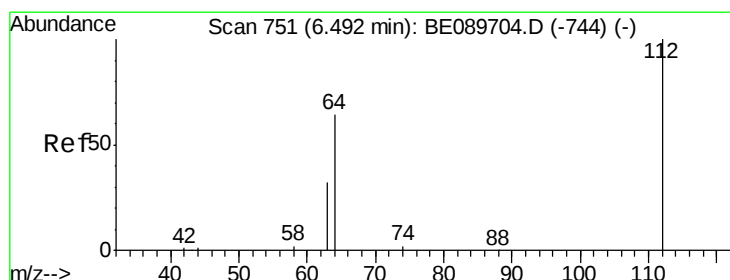
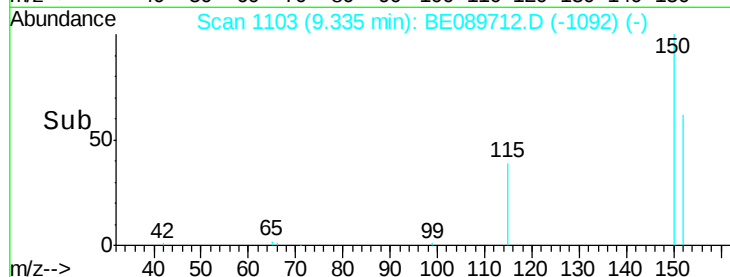
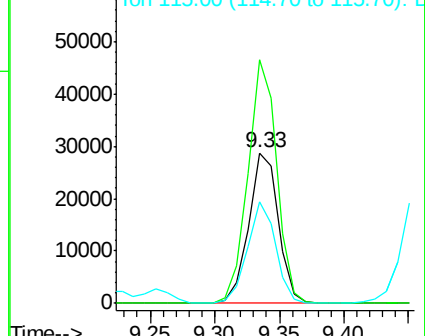
115 67.4 52.0 78.0



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: 4.78 ng

RT: 6.50 min Scan# 752

Delta R.T. 0.01 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

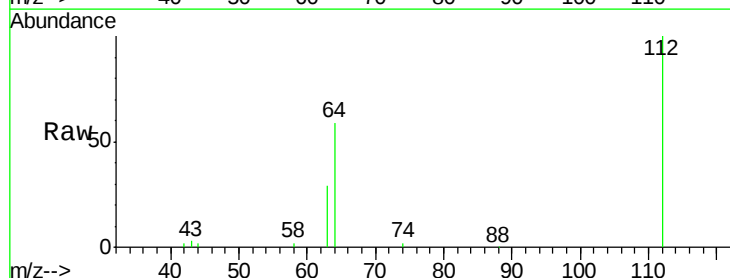
Tgt Ion:112 Resp: 52535

Ion Ratio Lower Upper

112 100

64 58.7 51.3 76.9

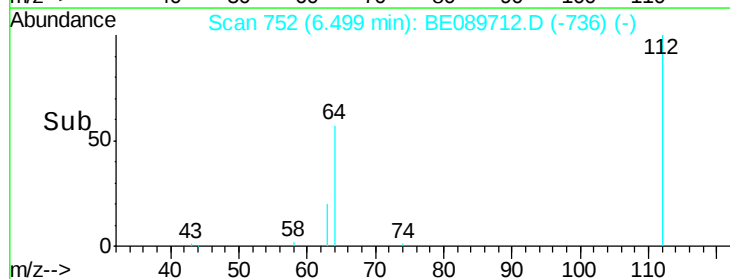
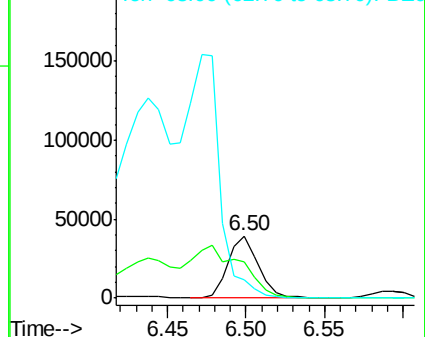
63 28.9 26.2 39.2

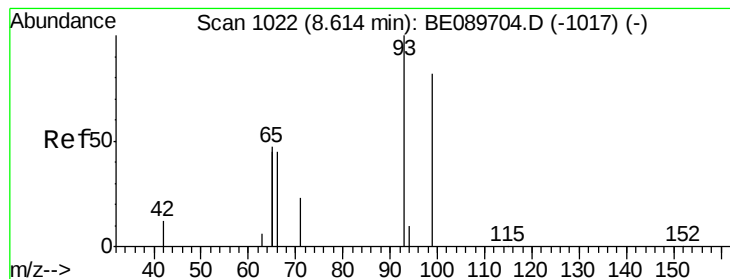


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 2.96 ng

RT: 8.62 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

Instrument :

BNA_E

ClientSampleId :

MW2-022515

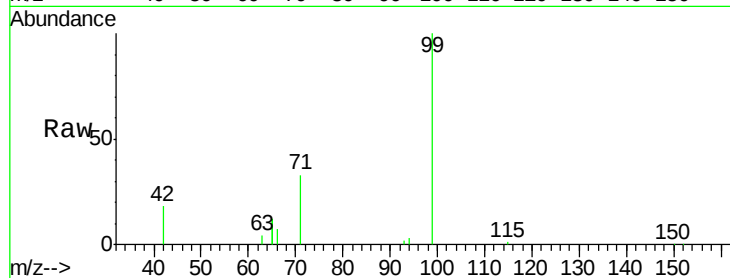
Tgt Ion: 99 Resp: 44095

Ion Ratio Lower Upper

99 100

42 17.8 12.3 18.5

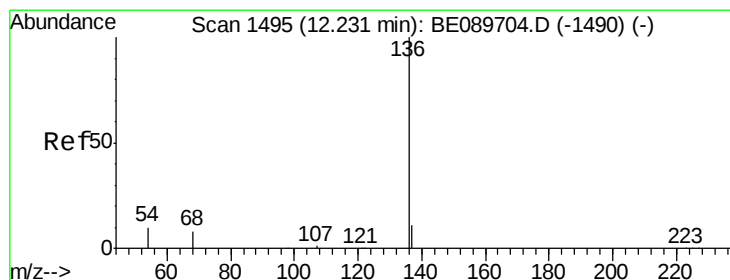
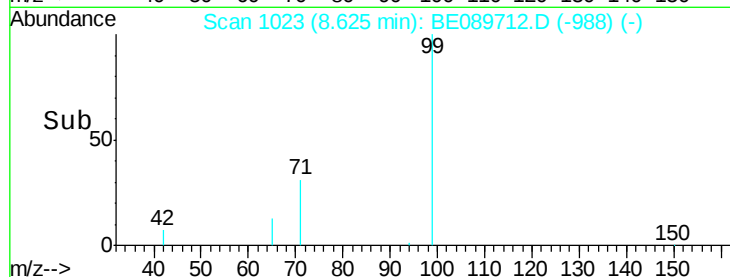
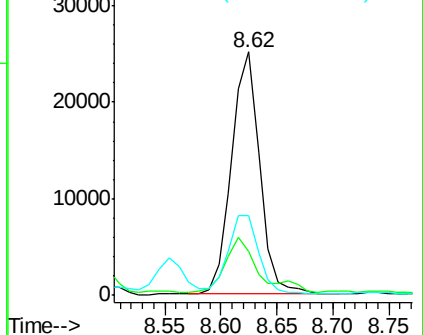
71 32.9 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.24 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

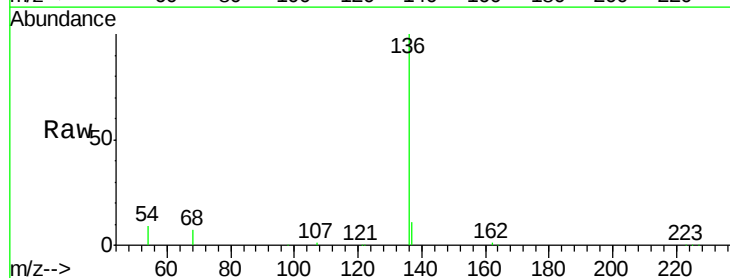
Tgt Ion: 136 Resp: 193149

Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

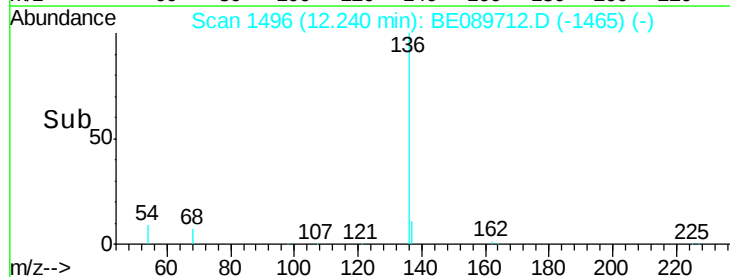
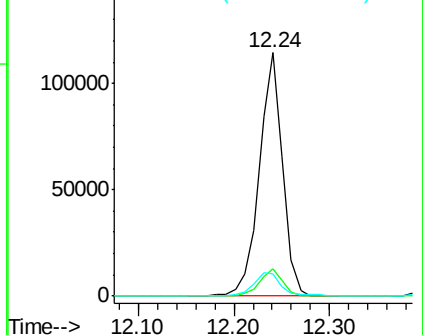
54 8.9 8.1 12.1

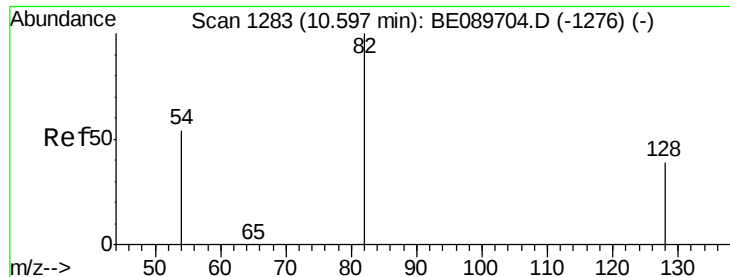


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene-d5

Concen: 9.39 ng

RT: 10.61 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

Instrument :

BNA_E

ClientSampleId :

MW2-022515

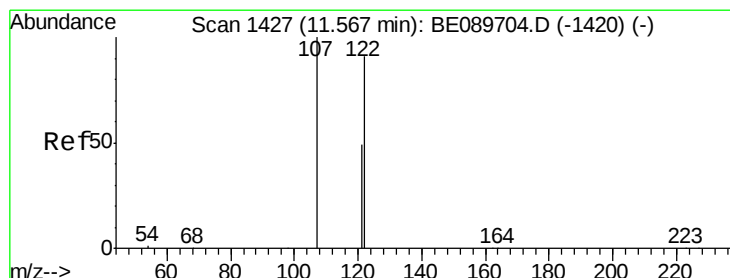
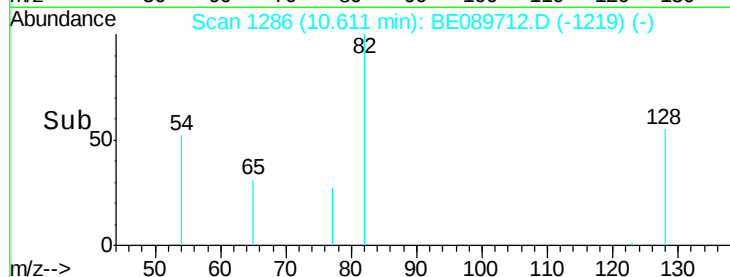
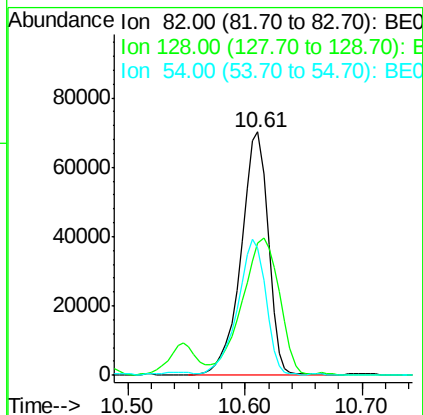
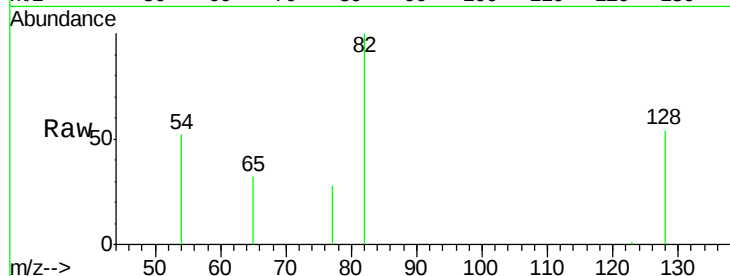
Tgt Ion: 82 Resp: 112428

Ion Ratio Lower Upper

82 100

128 54.5 31.4 47.2#

54 52.3 43.8 65.8



#10

2,4-Dimethylphenol

Concen: 1.95 ng

RT: 11.61 min Scan# 1431

Delta R.T. 0.04 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

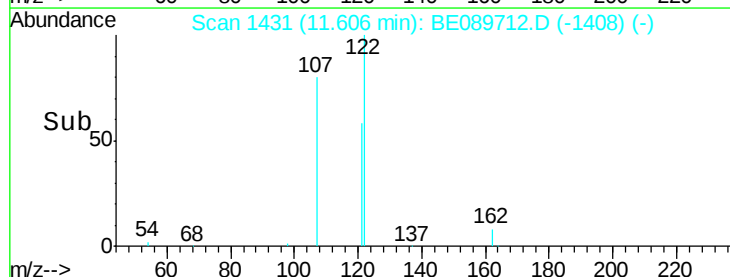
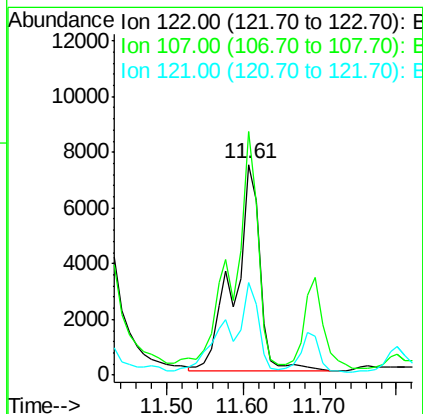
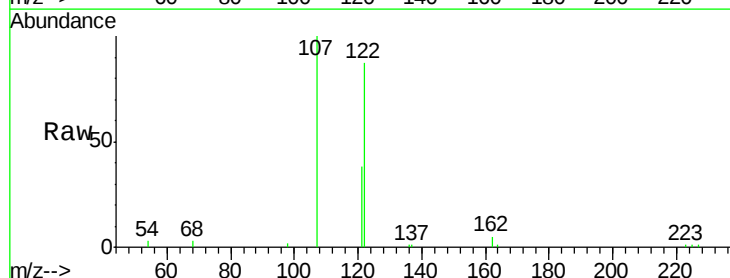
Tgt Ion: 122 Resp: 17275

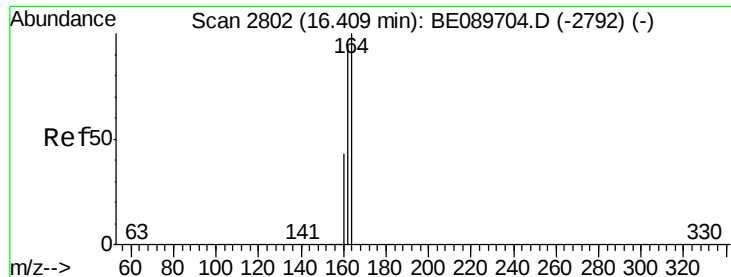
Ion Ratio Lower Upper

122 100

107 115.5 87.6 131.4

121 44.0 43.4 65.2





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.40 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

Instrument :

BNA_E

ClientSampleId :

MW2-022515

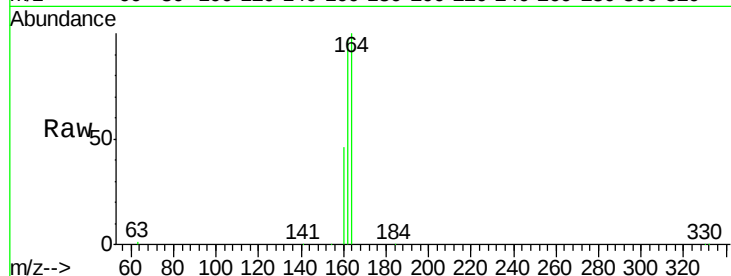
Tgt Ion:164 Resp: 92665

Ion Ratio Lower Upper

164 100

162 97.1 75.0 112.6

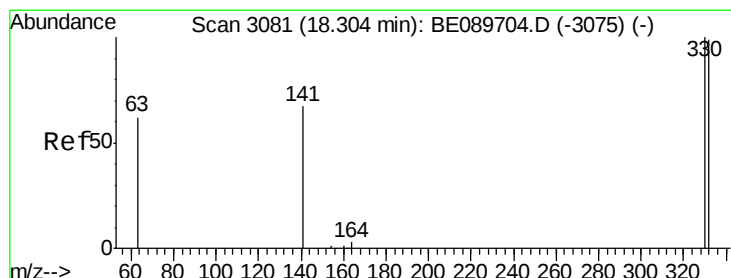
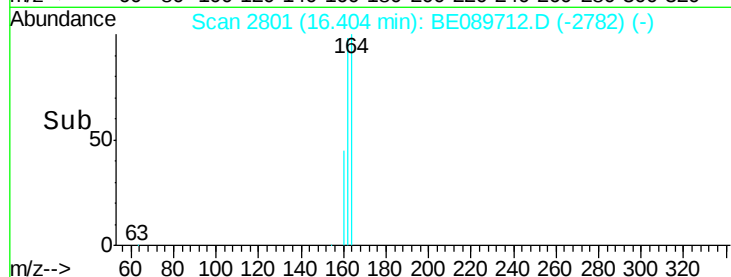
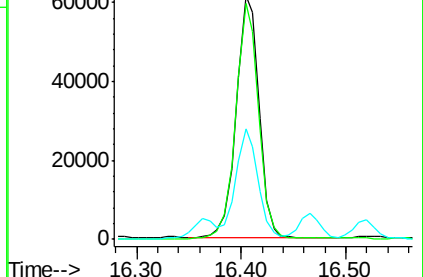
160 45.5 34.3 51.5



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



#14

2,4,6-Tribromophenol

Concen: 15.72 ng

RT: 18.31 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

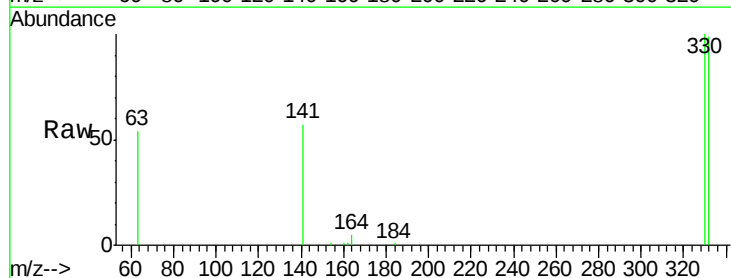
Tgt Ion:330 Resp: 25254

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

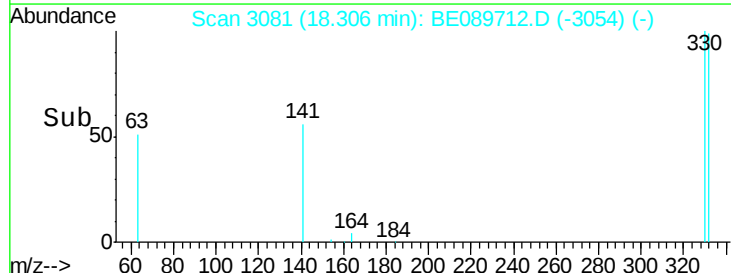
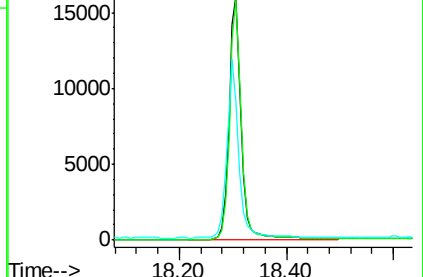
141 73.3 0.0 0.0#

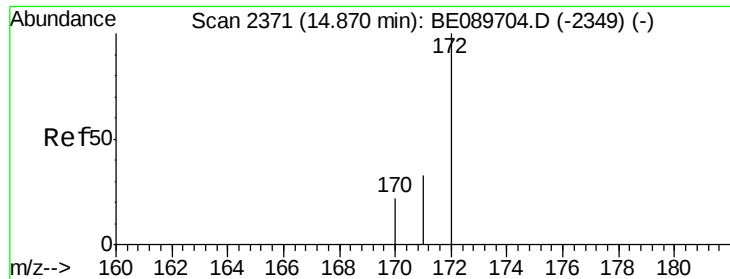


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

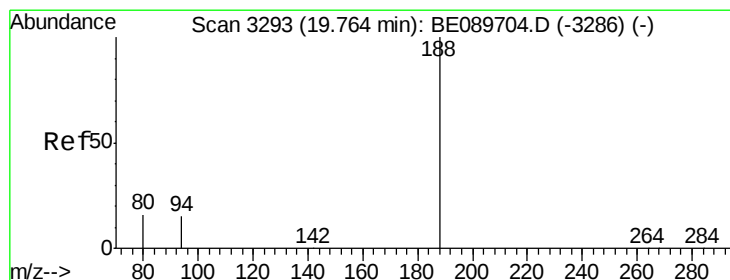
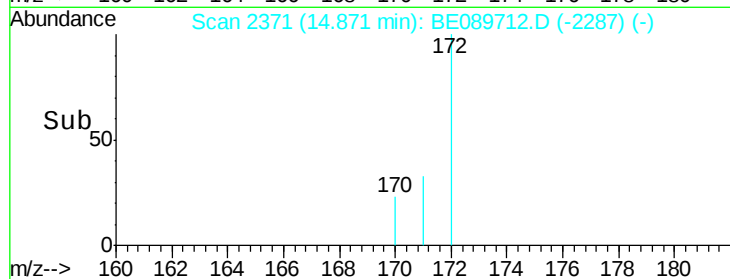
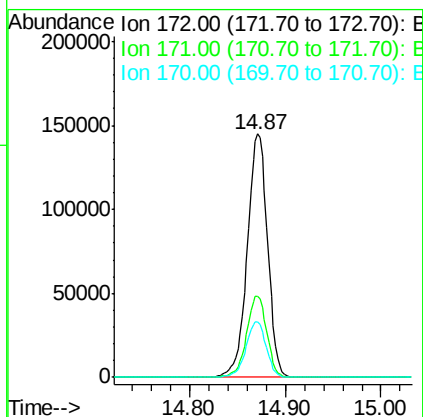
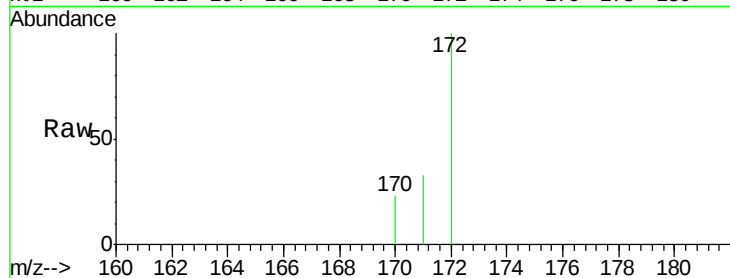




#15
2-Fluorobiphenyl
Concen: 10.29 ng
RT: 14.87 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

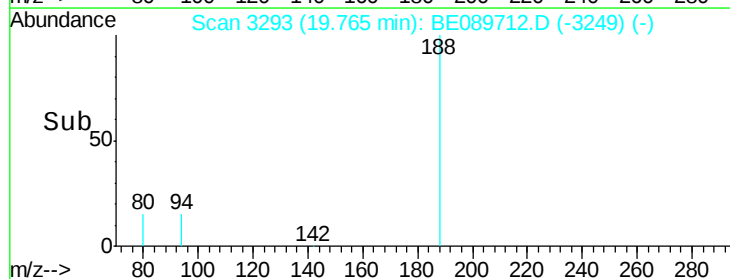
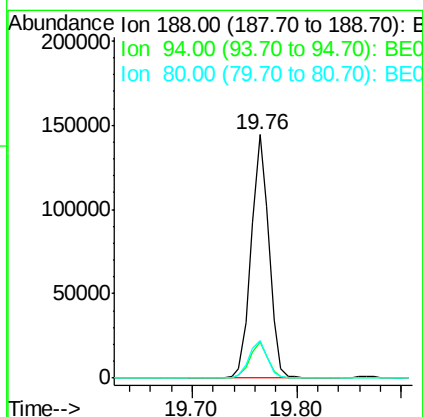
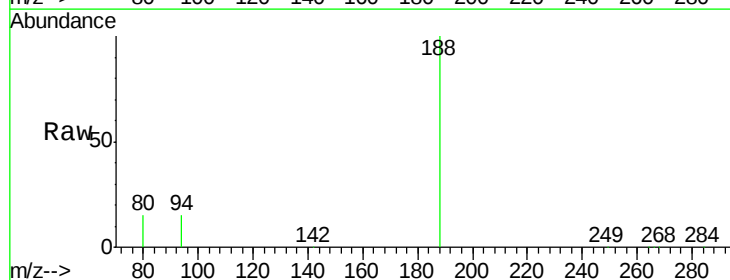
Instrument :
BNA_E
ClientSampleId :
MW2-022515

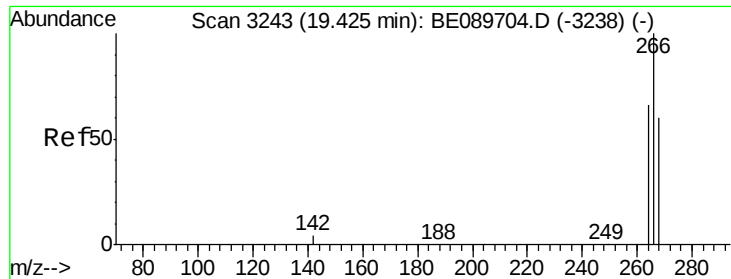
Tgt Ion:172 Resp: 211839
Ion Ratio Lower Upper
172 100
171 33.5 26.8 40.2
170 22.8 18.0 27.0



#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3293
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:188 Resp: 171722
Ion Ratio Lower Upper
188 100
94 14.7 12.1 18.1
80 15.2 12.7 19.1





#19

Pentachlorophenol

Concen: 0.29 ng

RT: 19.43 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

Instrument :

BNA_E

ClientSampleId :

MW2-022515

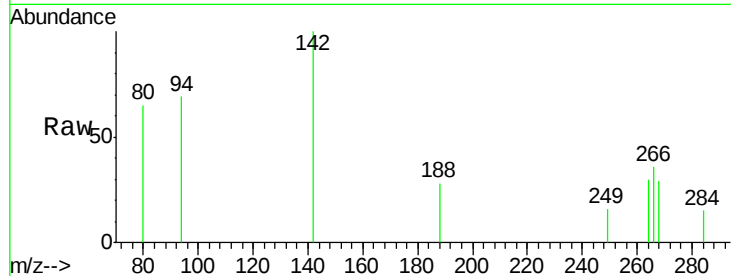
Tgt Ion:266 Resp: 128

Ion Ratio Lower Upper

266 100

268 80.4 51.4 77.2#

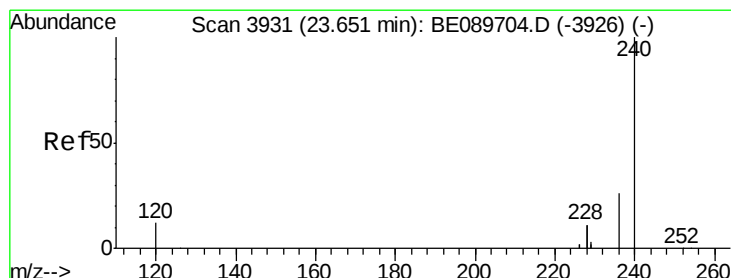
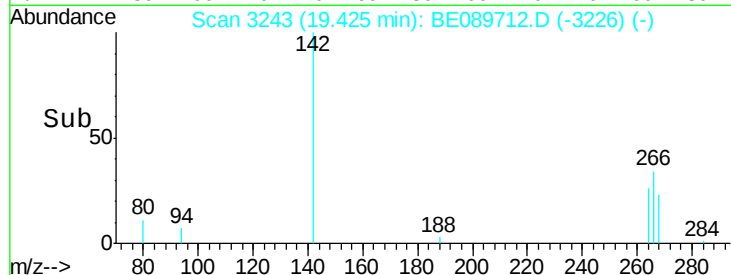
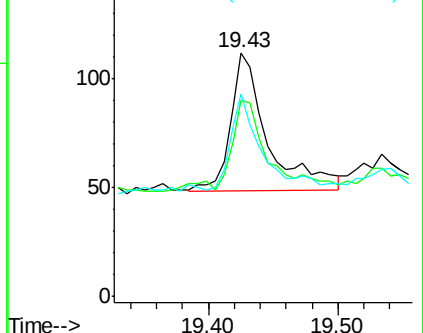
264 83.0 55.8 83.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.65 min Scan# 3931

Delta R.T. 0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

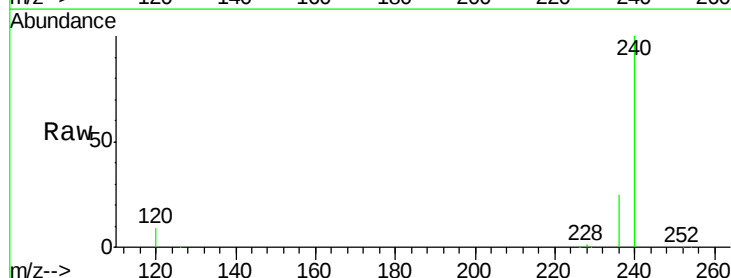
Tgt Ion:240 Resp: 139174

Ion Ratio Lower Upper

240 100

120 9.2 9.9 14.9#

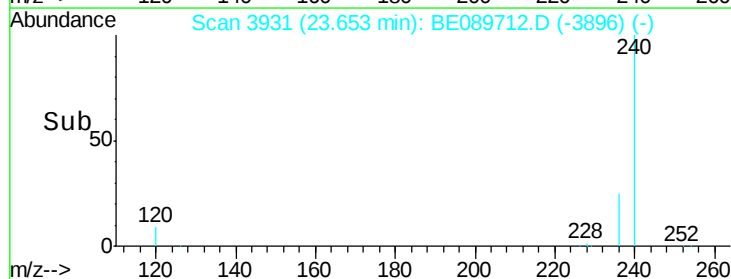
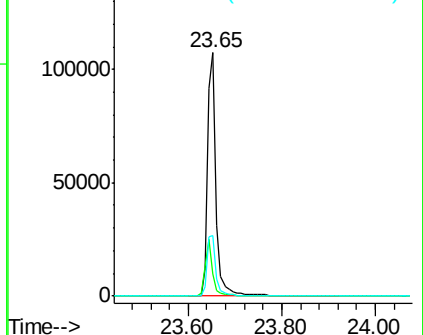
236 24.7 21.0 31.6

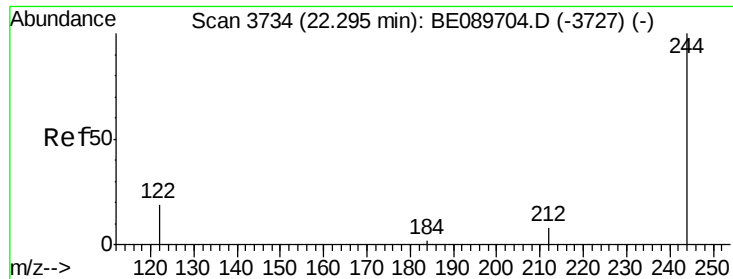


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#22

Terphenyl-d14

Concen: 12.81 ng

RT: 22.30 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

Instrument :

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MW2-022515

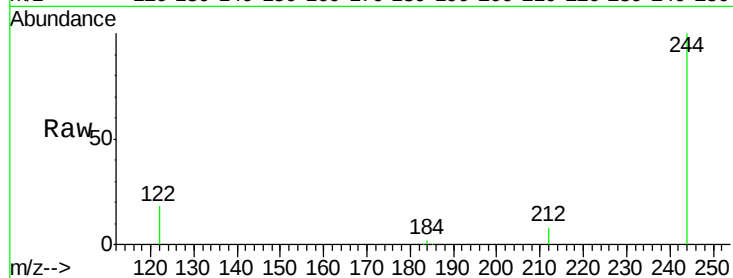
Tgt Ion:244 Resp: 216119

Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

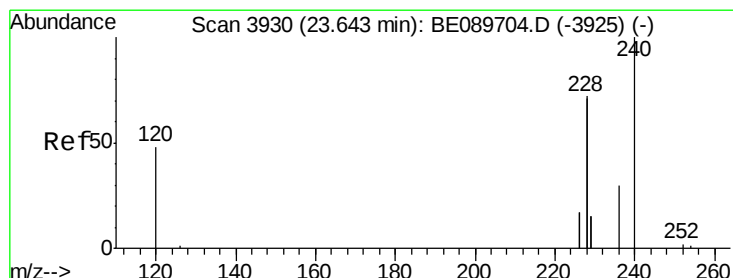
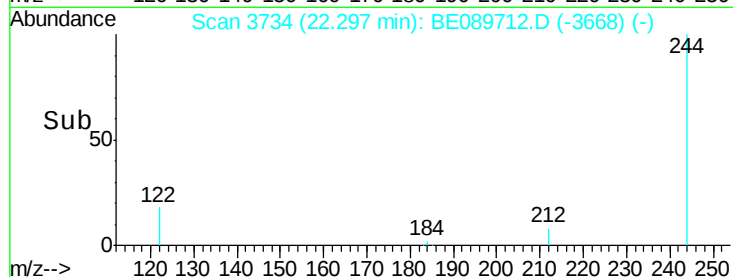
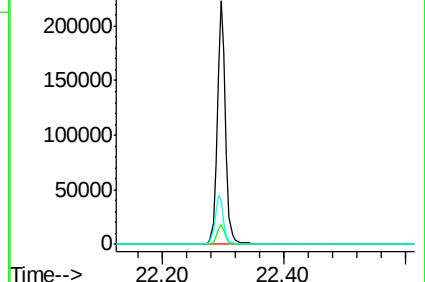
122 17.9 15.7 23.5



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: 0.03 ng

RT: 23.64 min Scan# 3930

Delta R.T. 0.00 min

Lab File: BE089712.D

Acq: 27 Feb 2015 5:18

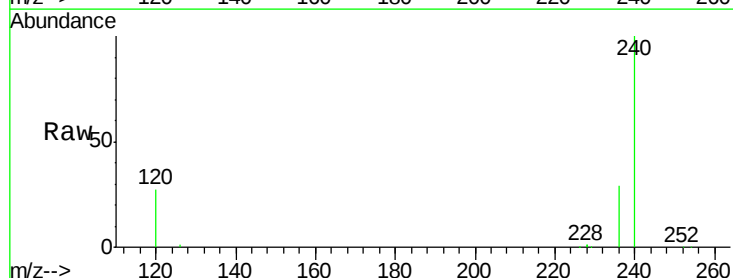
Tgt Ion:228 Resp: 2829

Ion Ratio Lower Upper

228 100

226 25.4 19.3 28.9

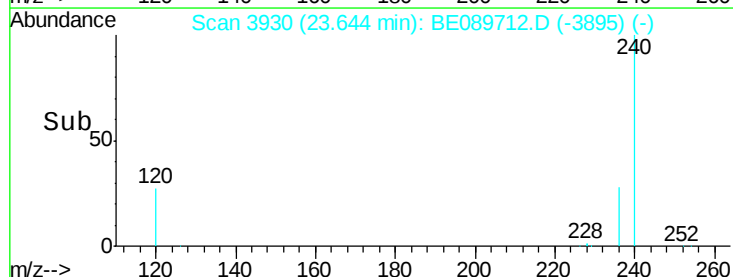
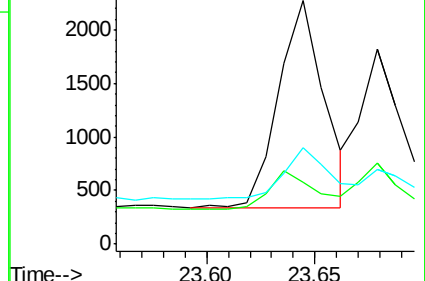
229 39.4 16.6 25.0#

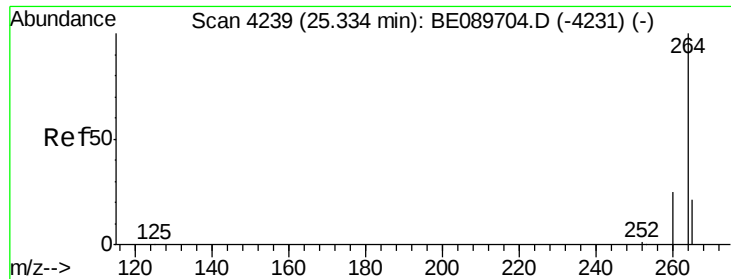


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#27

Perylene-d12

Concen: 5.00 ng

RT: 25.33 min Scan# 4239

Delta R.T. 0.00 min

Lab File: BE089712.D

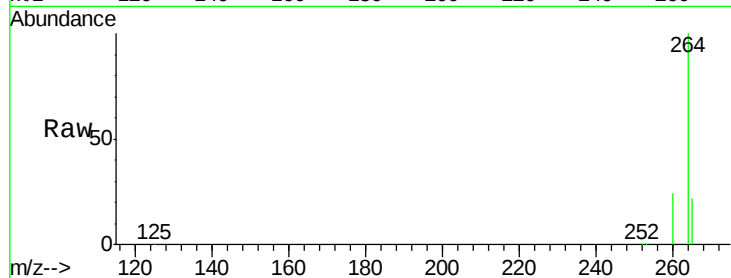
Acq: 27 Feb 2015 5:18

Instrument :

BNA_E

ClientSampleId :

MW2-022515



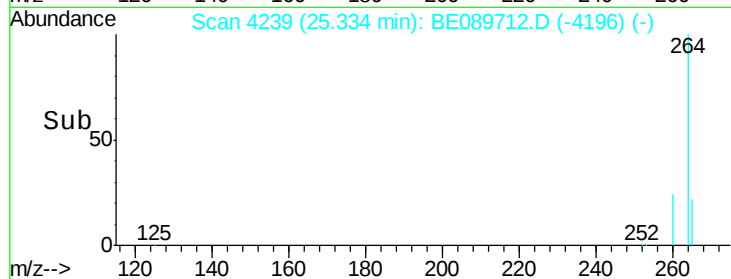
Tgt Ion: 264 Resp: 116990

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 21.7 16.9 25.3



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

