

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
 Data File : BE089429.D
 Acq On : 30 Jan 2015 2:15
 Operator : TP/IZ
 Sample : G1110-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-16

Quant Time: Jan 30 07:44:17 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 03:48:17 2015
 Response via : Initial Calibration

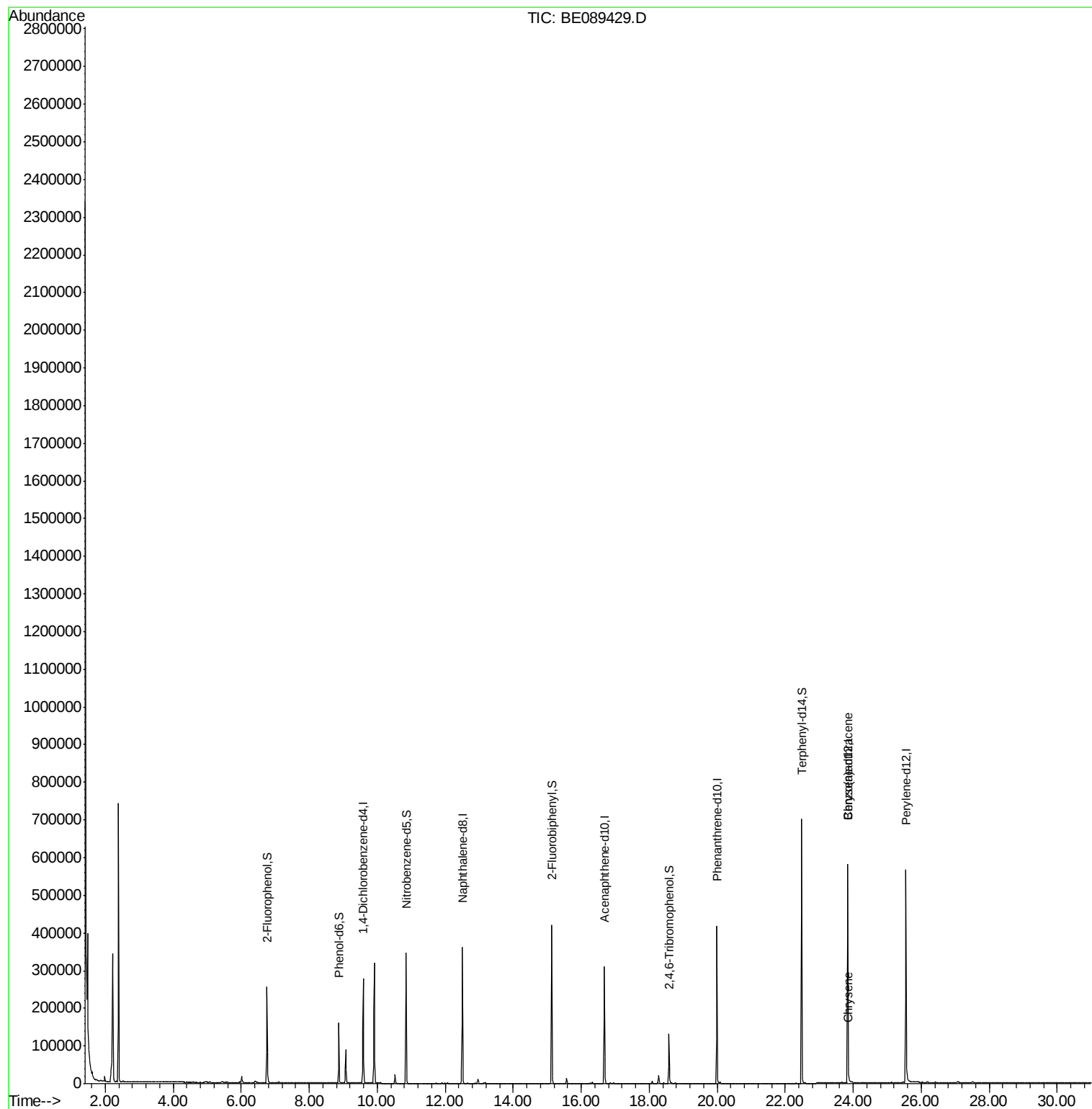
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	113520	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	426556	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	195313	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	370583	5.00	ng	0.00
20) Chrysene-d12	23.84	240	477102	5.00	ng	0.00
27) Perylene-d12	25.55	264	519312	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.76	112	170563	3.99	ng	0.02
4) Phenol-d6	8.87	99	136379	2.69	ng	0.03
8) Nitrobenzene-d5	10.85	82	250036	7.21	ng	0.00
14) 2,4,6-Tribromophenol	18.59	330	67437	12.51	ng	0.01
15) 2-Fluorobiphenyl	15.14	172	370263	6.80	ng	0.00
22) Terphenyl-d14	22.49	244	604619	10.96	ng	0.00
Target Compounds						
23) Benzo(a)anthracene	23.83	228	7854	0.02	ng	# 80
25) Chrysene	23.87	228	3383	0.01	ng	# 75

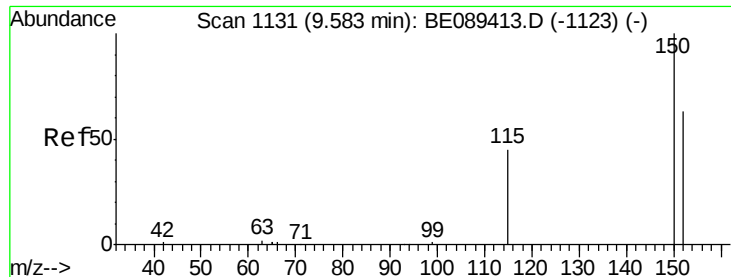
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 30 07:44:17 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

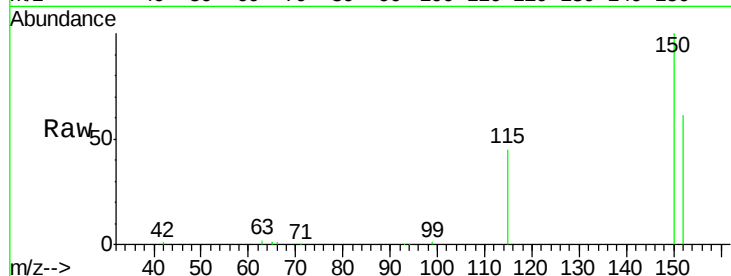
Tgt Ion:152 Resp: 113520

Ion Ratio Lower Upper

152 100

150 164.1 126.1 189.1

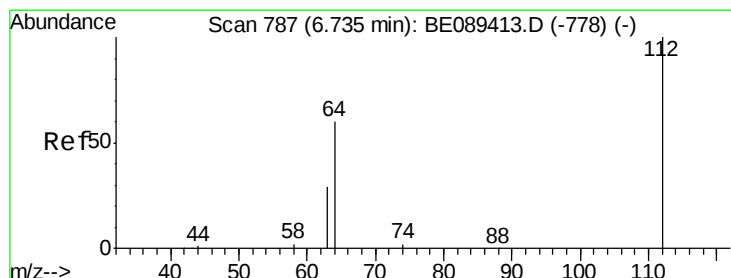
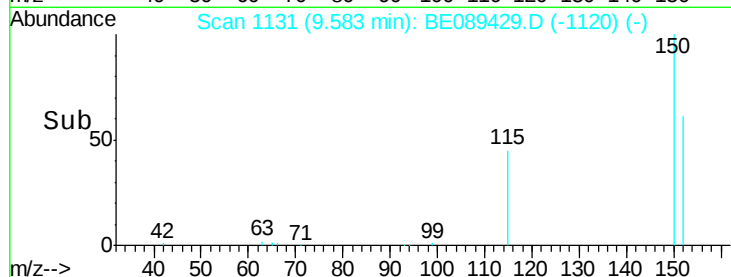
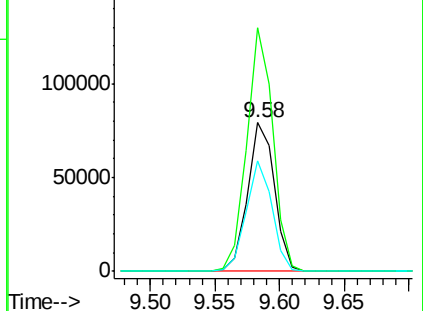
115 74.1 57.1 85.7



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: 3.99 ng

RT: 6.76 min Scan# 790

Delta R.T. 0.02 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

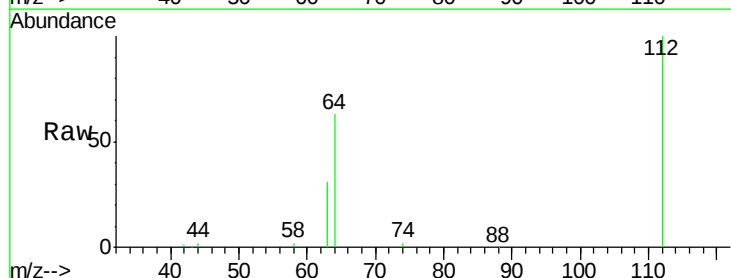
Tgt Ion:112 Resp: 170563

Ion Ratio Lower Upper

112 100

64 63.3 48.2 72.4

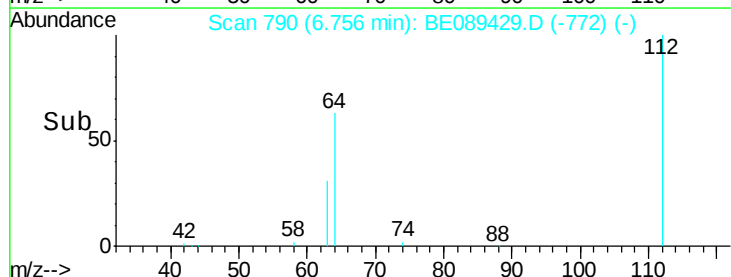
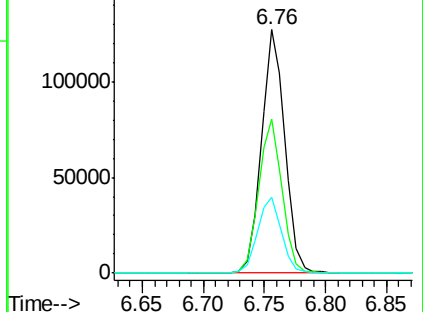
63 31.4 23.5 35.3

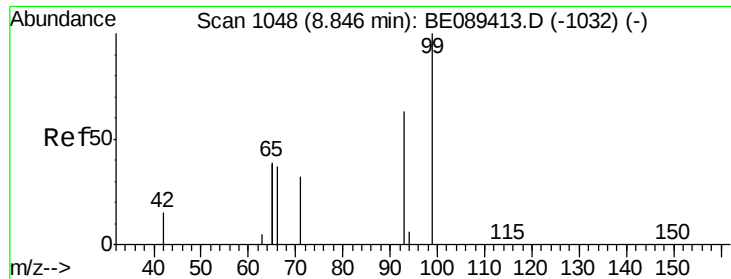


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 2.69 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

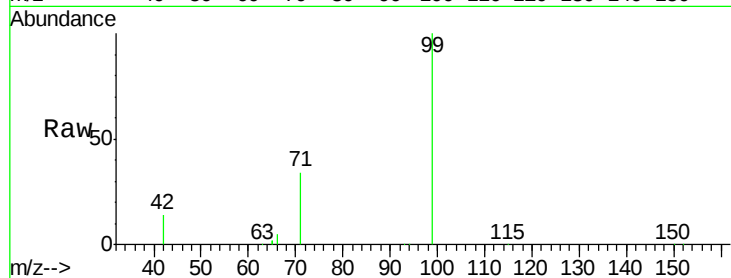
Tgt Ion: 99 Resp: 136379

Ion Ratio Lower Upper

99 100

42 14.4 11.9 17.9

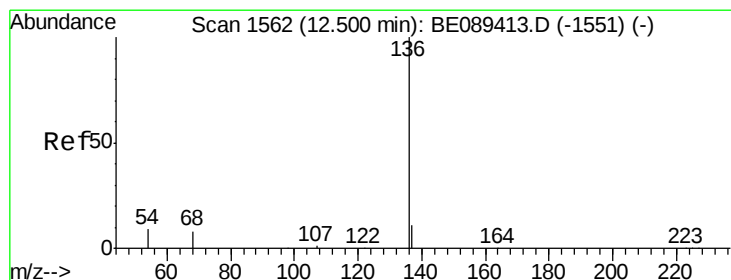
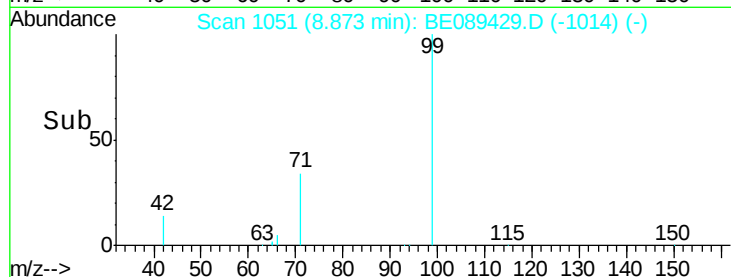
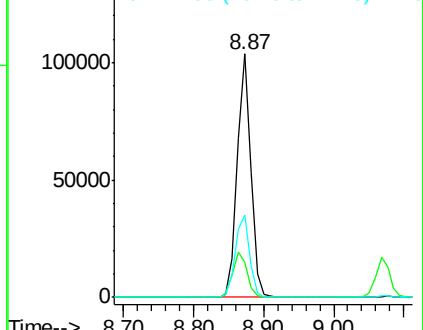
71 33.9 25.8 38.6



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: 12.50 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

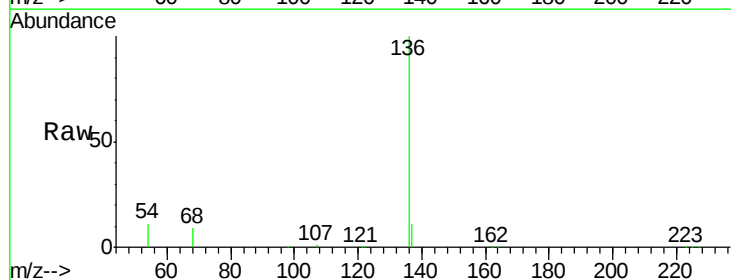
Tgt Ion: 136 Resp: 426556

Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

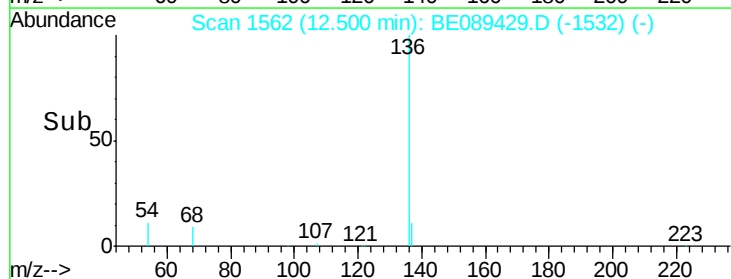
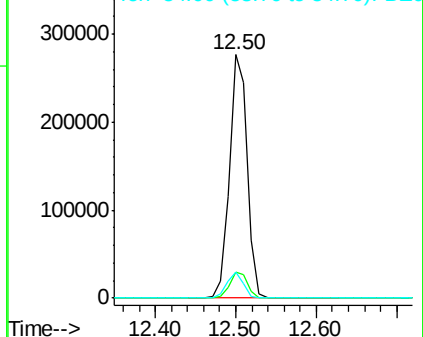
54 10.6 7.5 11.3

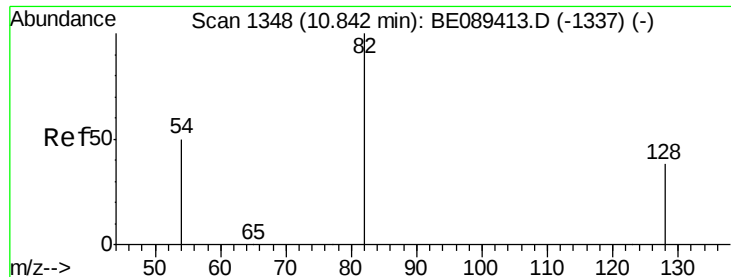


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene-d5

Concen: 7.21 ng

RT: 10.85 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

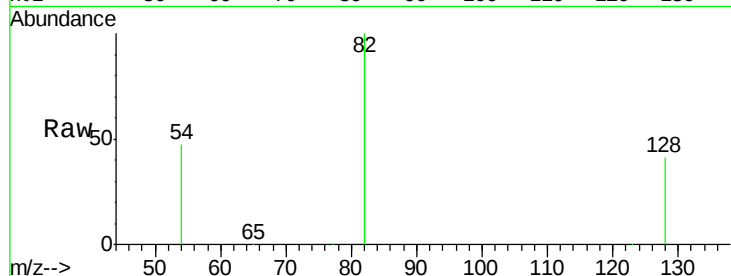
Tgt Ion: 82 Resp: 250036

Ion Ratio Lower Upper

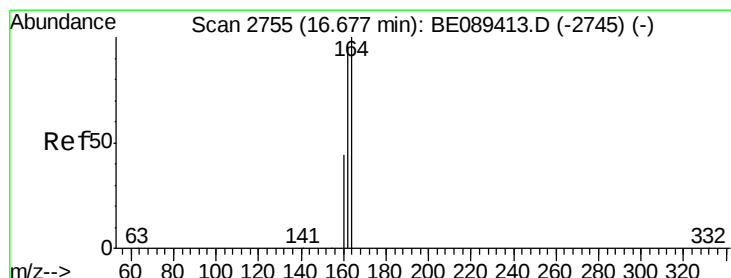
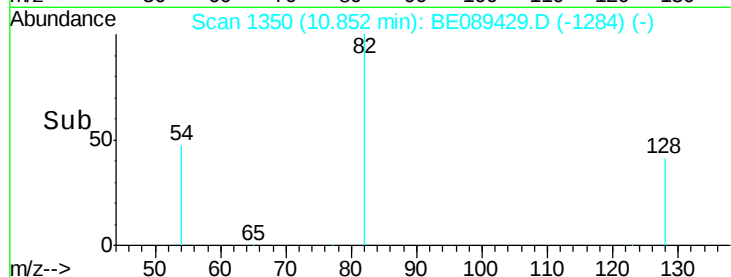
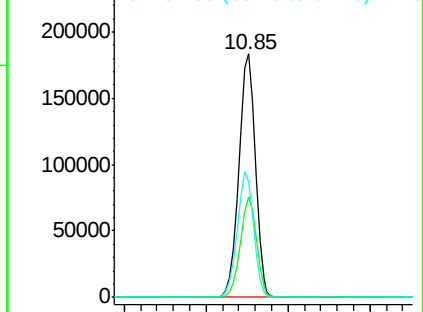
82 100

128 41.2 31.0 46.4

54 47.5 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.68 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

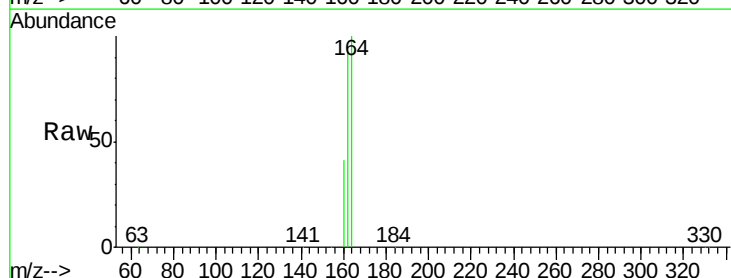
Tgt Ion: 164 Resp: 195313

Ion Ratio Lower Upper

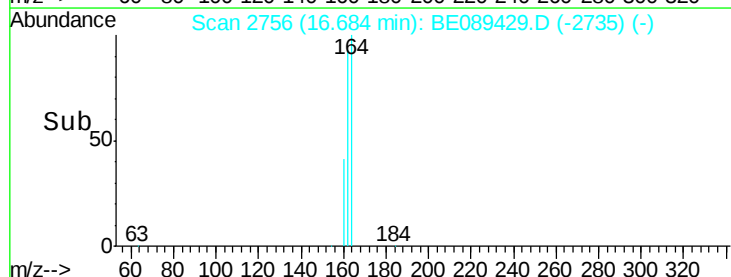
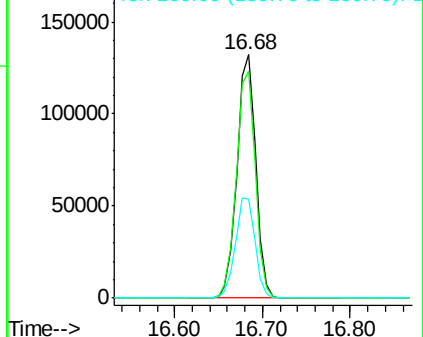
164 100

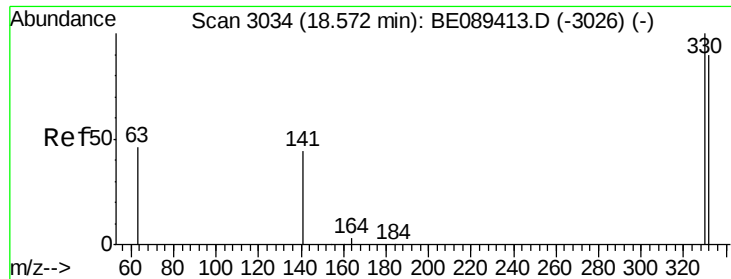
162 93.4 77.0 115.6

160 40.9 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): BE0
Ion 162.00 (161.70 to 162.70): BE0
Ion 160.00 (159.70 to 160.70): BE0

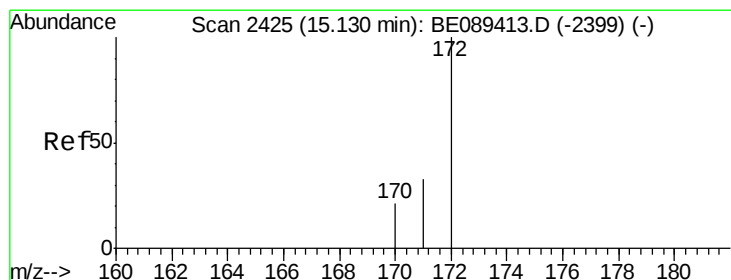
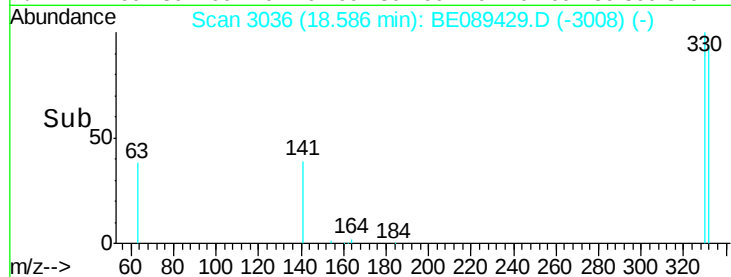
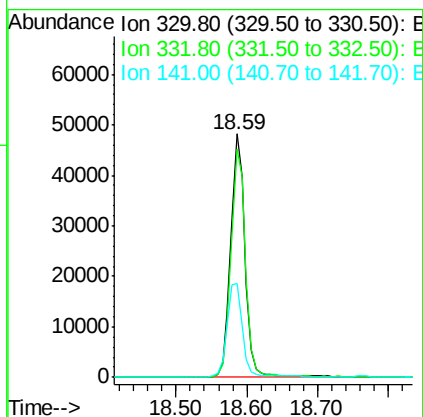
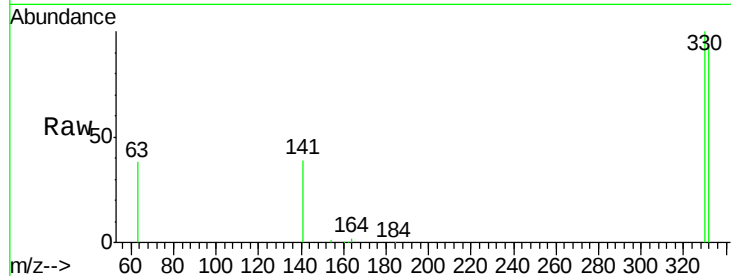




#14
 2,4,6-Tribromophenol
 Concen: 12.51 ng
 RT: 18.59 min Scan# 3036
 Delta R.T. 0.01 min
 Lab File: BE089429.D
 Acq: 30 Jan 2015 2:15

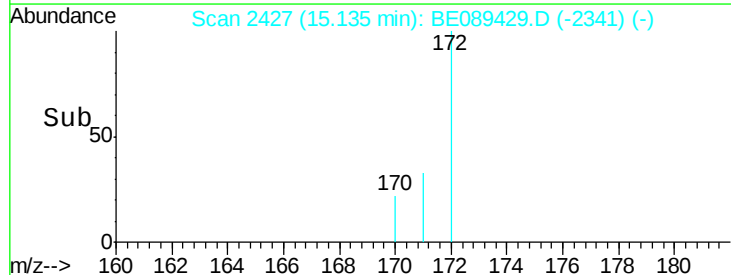
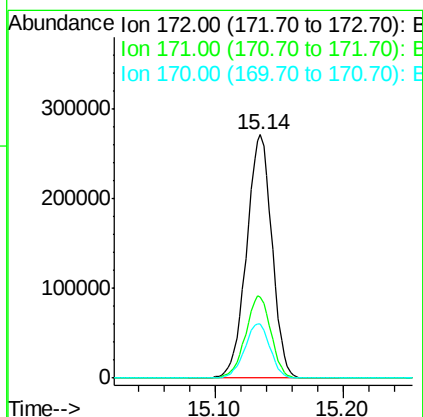
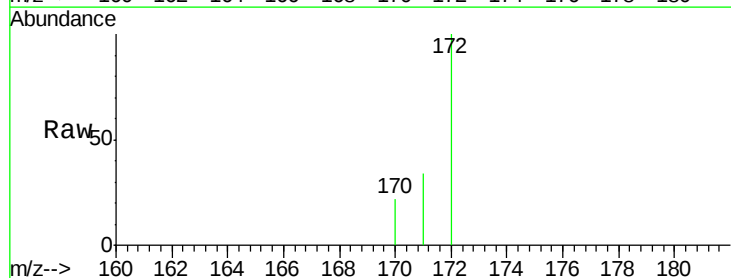
Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-16

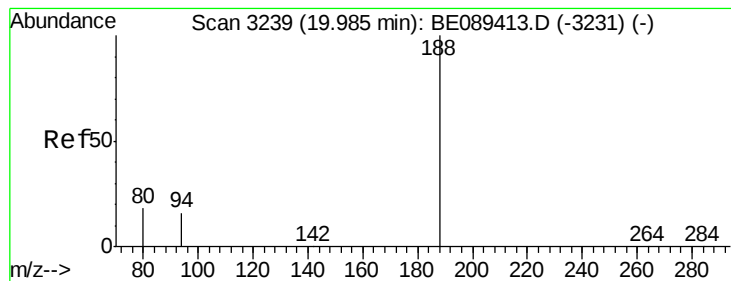
Tgt Ion: 330 Resp: 67437
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 40.4 35.6 53.4



#15
 2-Fluorobiphenyl
 Concen: 6.80 ng
 RT: 15.14 min Scan# 2427
 Delta R.T. 0.01 min
 Lab File: BE089429.D
 Acq: 30 Jan 2015 2:15

Tgt Ion: 172 Resp: 370263
 Ion Ratio Lower Upper
 172 100
 171 33.5 26.6 39.8
 170 22.0 17.1 25.7





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.99 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

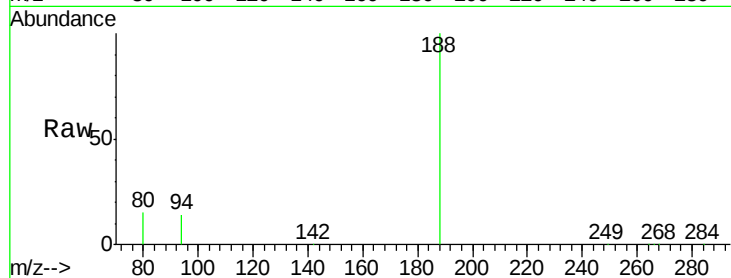
Tgt Ion:188 Resp: 370583

Ion Ratio Lower Upper

188 100

94 14.3 13.0 19.6

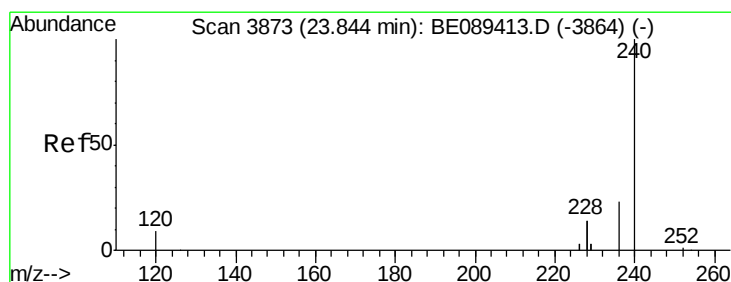
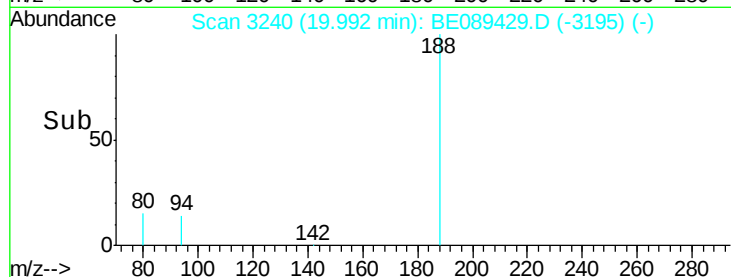
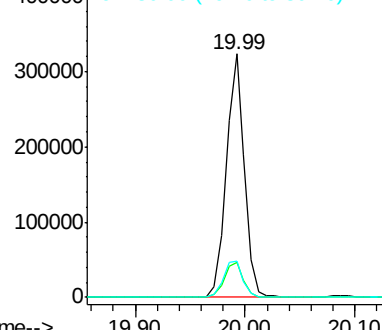
80 14.9 14.2 21.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.84 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

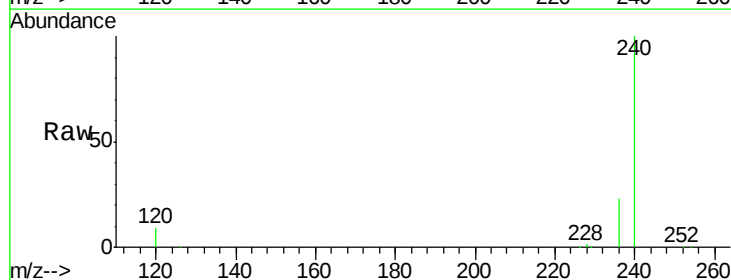
Tgt Ion:240 Resp: 477102

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

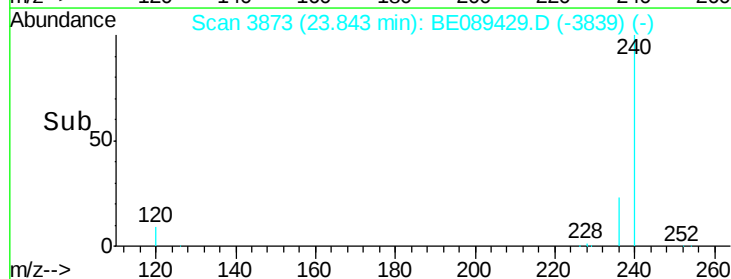
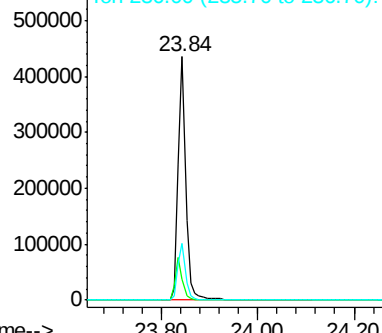
236 23.3 18.2 27.2

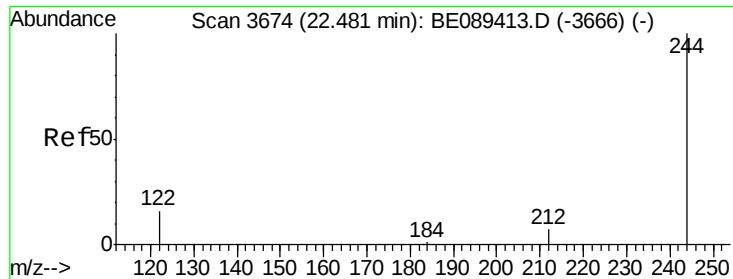


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

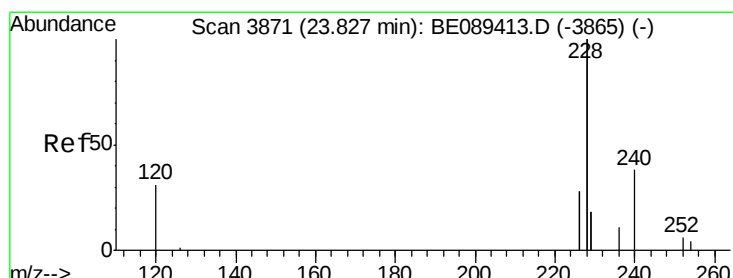
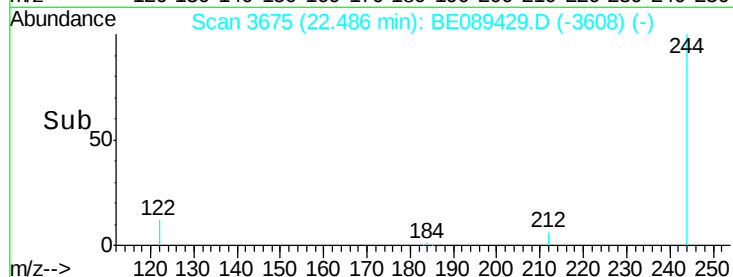
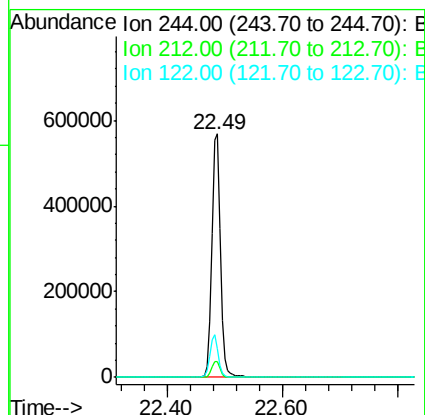
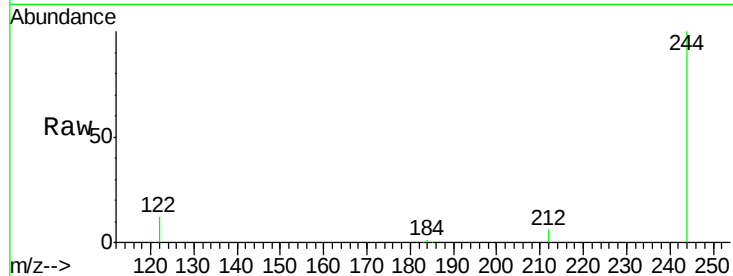




#22
 Terphenyl-d14
 Concen: 10.96 ng
 RT: 22.49 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: BE089429.D
 Acq: 30 Jan 2015 2:15

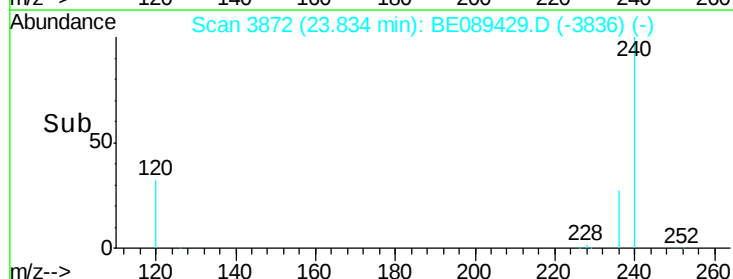
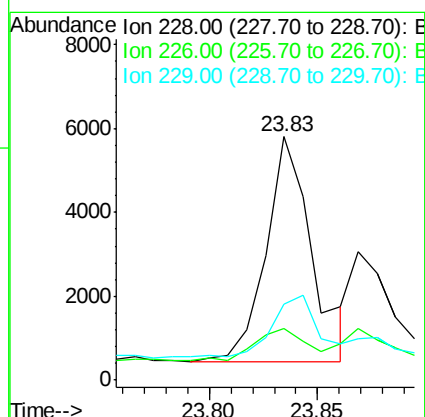
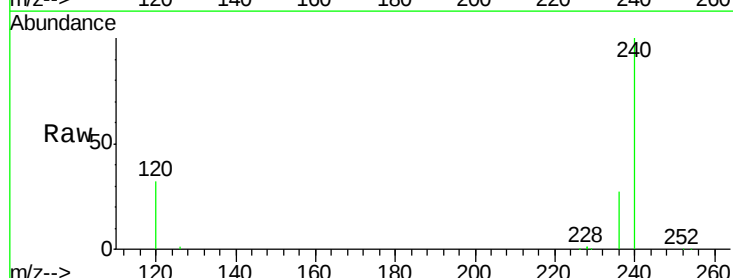
Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-16

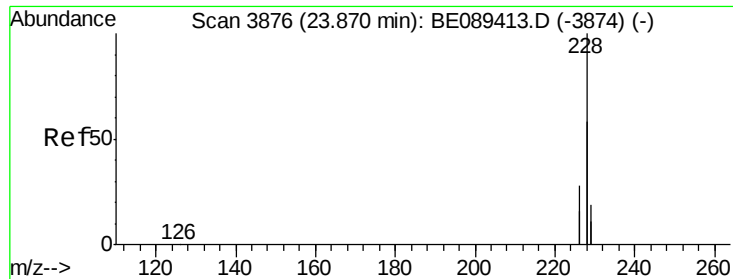
Tgt Ion: 244 Resp: 604619
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.9 13.2 19.8#



#23
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 23.83 min Scan# 3872
 Delta R.T. 0.01 min
 Lab File: BE089429.D
 Acq: 30 Jan 2015 2:15

Tgt Ion: 228 Resp: 7854
 Ion Ratio Lower Upper
 228 100
 226 21.1 22.6 33.8#
 229 31.2 14.5 21.7#





#25

Chrysene

Concen: 0.01 ng

RT: 23.87 min Scan# 3876

Delta R.T. -0.00 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

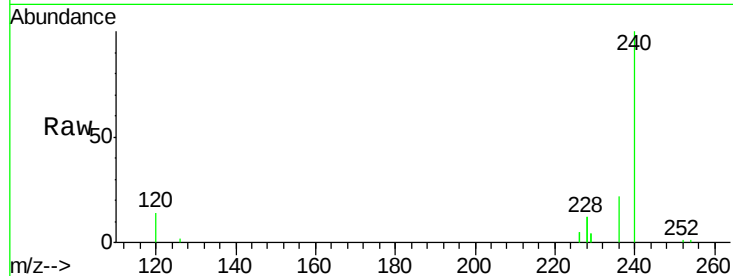
Tgt Ion:228 Resp: 3383

Ion Ratio Lower Upper

228 100

226 39.9 22.6 33.8#

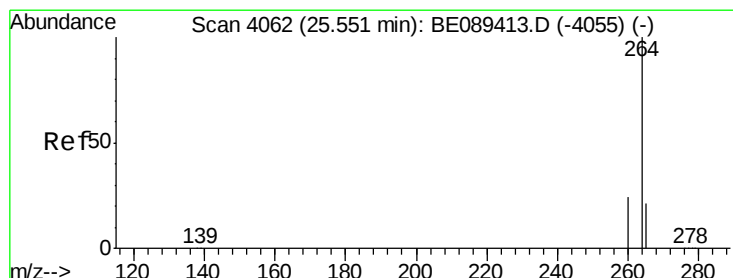
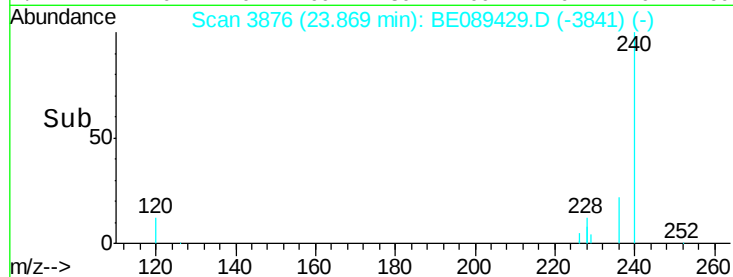
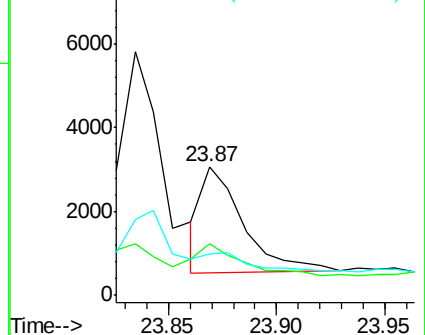
229 32.1 15.5 23.3#



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: 25.55 min Scan# 4062

Delta R.T. -0.00 min

Lab File: BE089429.D

Acq: 30 Jan 2015 2:15

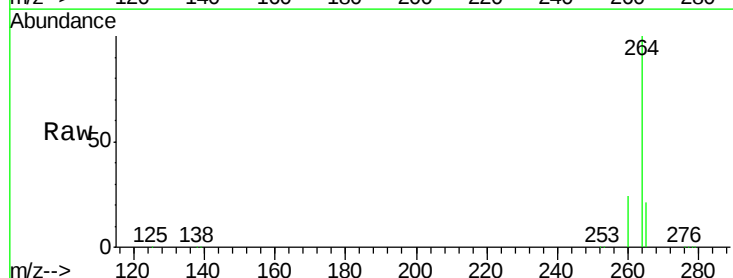
Tgt Ion:264 Resp: 519312

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.2 17.1 25.7



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

