

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041316\
 Data File : BE091652.D
 Acq On : 13 Apr 2016 11:54
 Operator : UM/SJ
 Sample : H2090-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

Quant Time: Apr 14 04:53:30 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

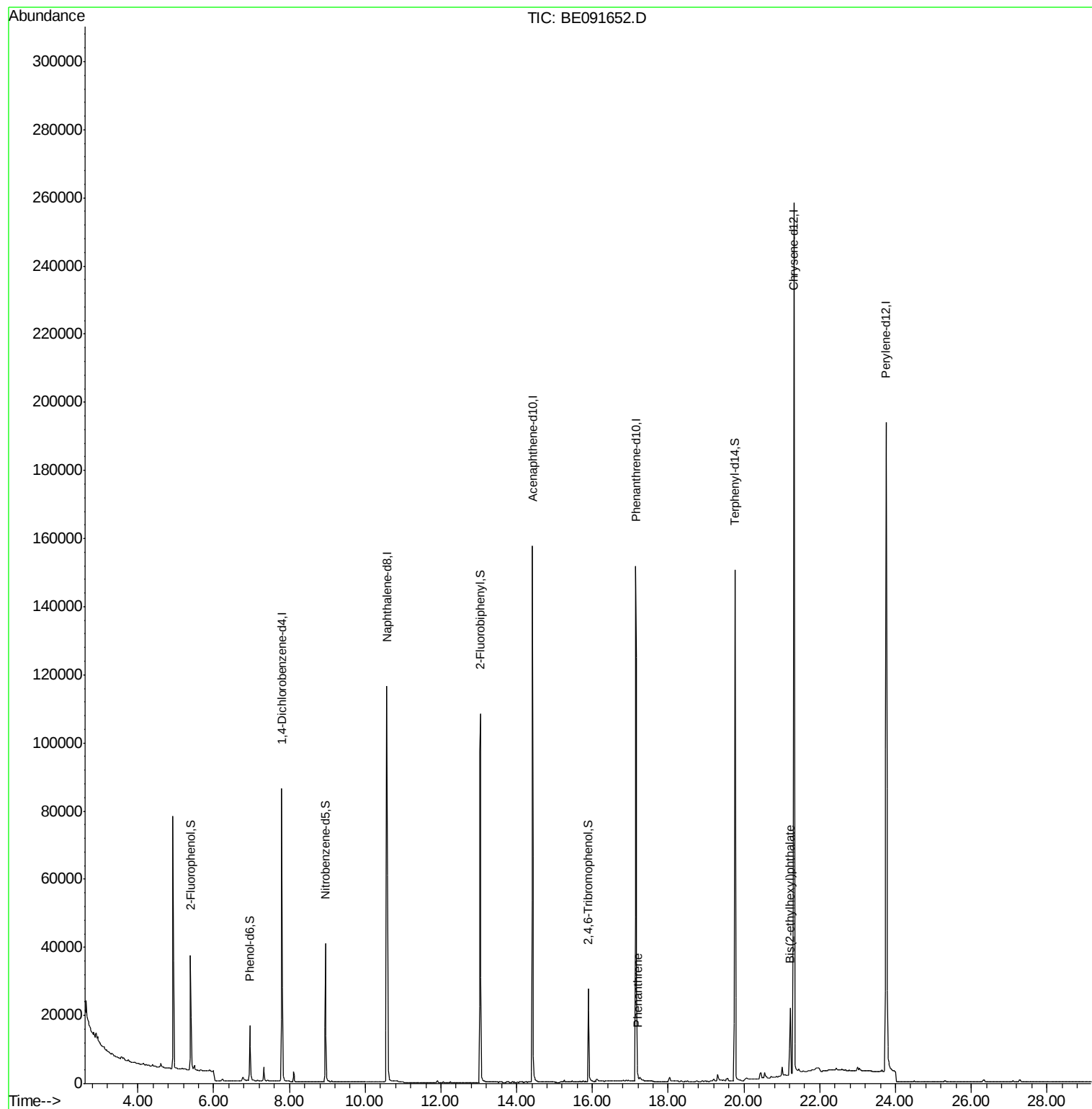
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	42472	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	178099	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	92487	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	229284	5.00	ng	-0.01
26) Chrysene-d12	21.31	240	315545	5.00	ng	0.00
35) Perylene-d12	23.75	264	295240	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	26977	2.66	ng	-0.02
5) Phenol-d6	6.95	99	19565	1.45	ng	-0.02
8) Nitrobenzene-d5	8.95	82	41155	3.98	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	21207	6.32	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	117825	4.58	ng	0.00
29) Terphenyl-d14	19.76	244	181548	4.61	ng	0.00
Target Compounds						
23) Phenanthrene	17.19	178	1275	0.02	ng	# 83
33) Bis(2-ethylhexyl)phthalate	21.22	149	29079	0.79	ng	# 84

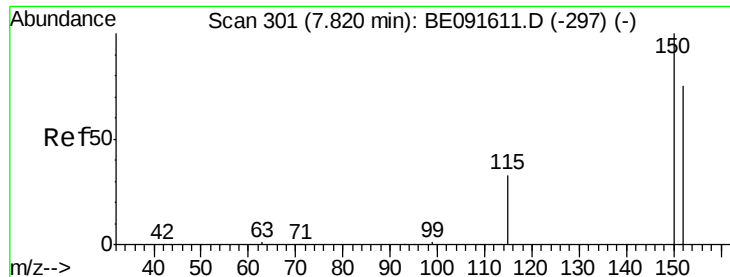
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091652.D

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ClientSampleId :

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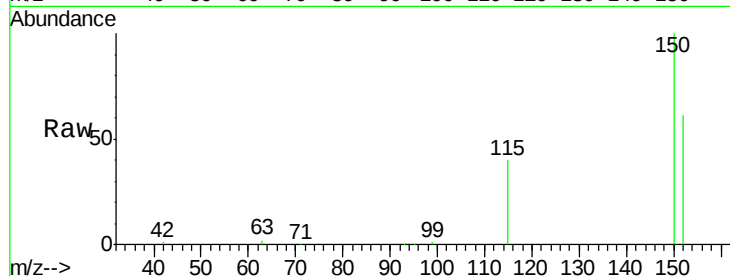
Tgt Ion:152 Resp: 42472

Ion Ratio Lower Upper

152 100

150 162.9 122.6 183.8

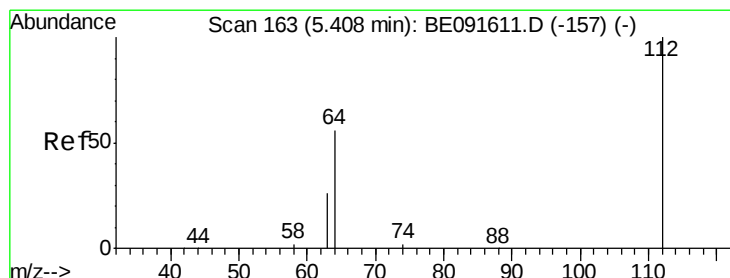
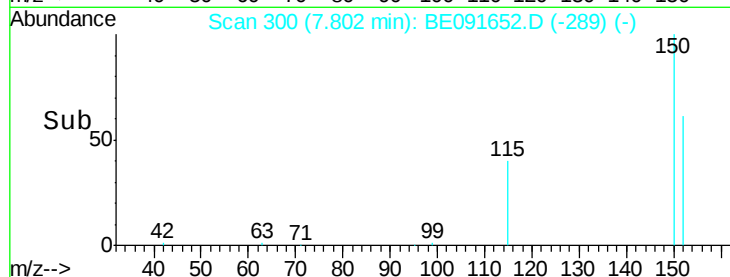
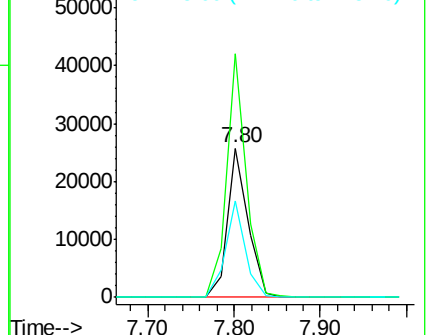
115 64.9 52.8 79.2



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



#4

2-Fluorophenol

Concen: 2.66 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

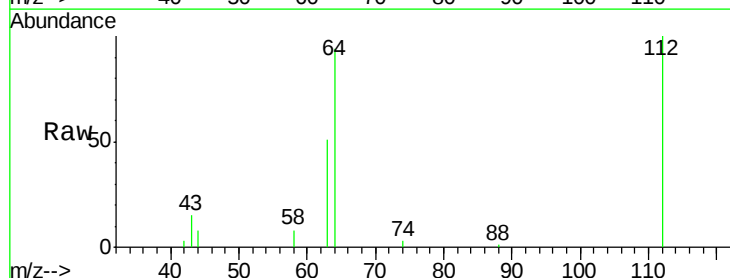
Tgt Ion:112 Resp: 26977

Ion Ratio Lower Upper

112 100

64 70.4 30.9 46.3#

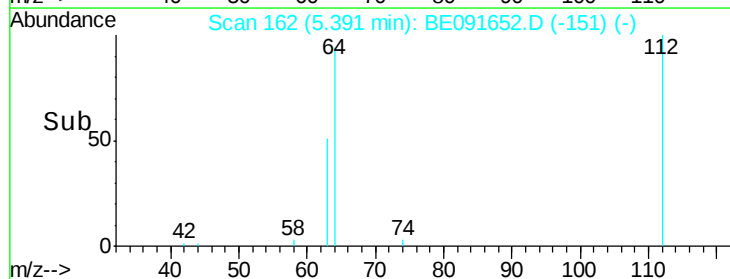
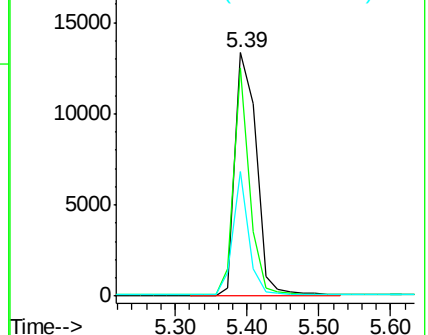
63 37.8 16.7 25.1#

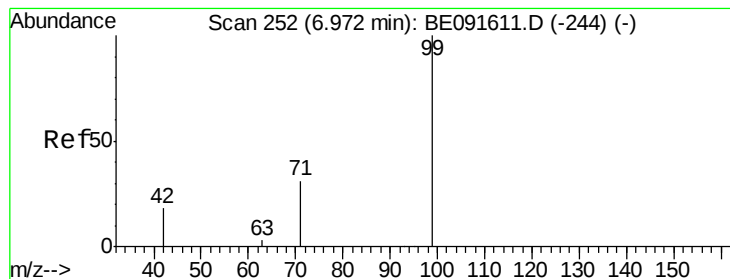


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.45 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

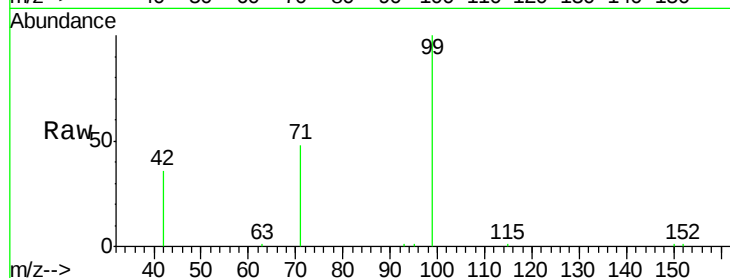
Tgt Ion: 99 Resp: 19565

Ion Ratio Lower Upper

99 100

42 26.7 16.2 24.2#

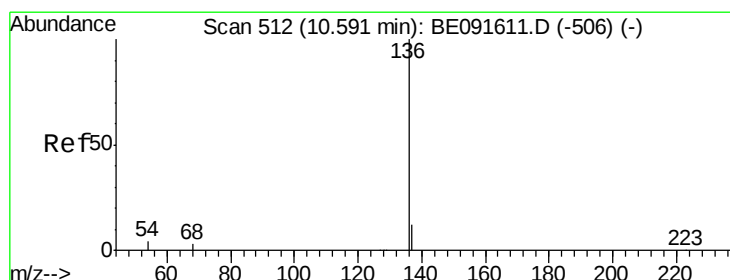
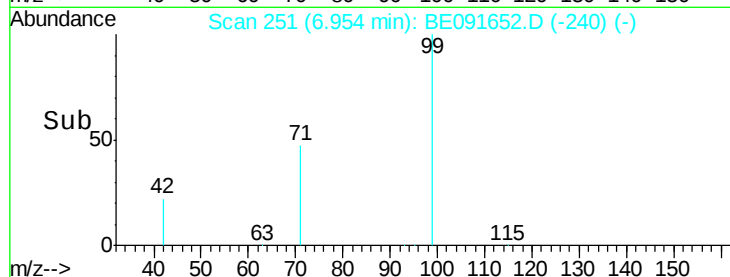
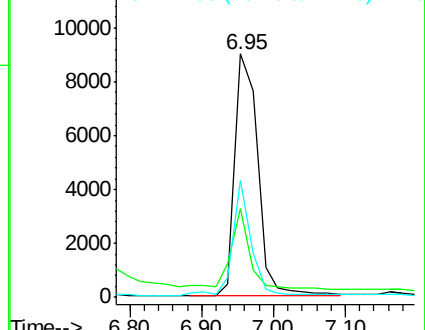
71 37.2 29.0 43.4



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: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

Tgt Ion: 136 Resp: 178099

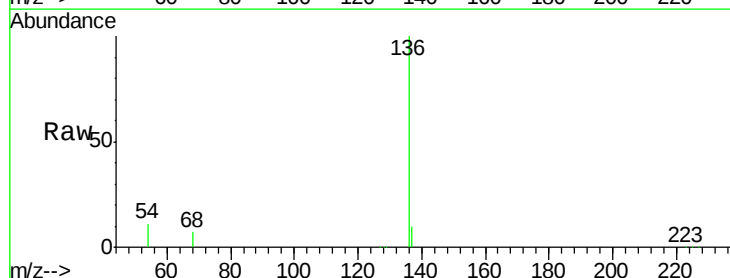
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 10.9 8.2 12.4

68 7.4 6.2 9.4

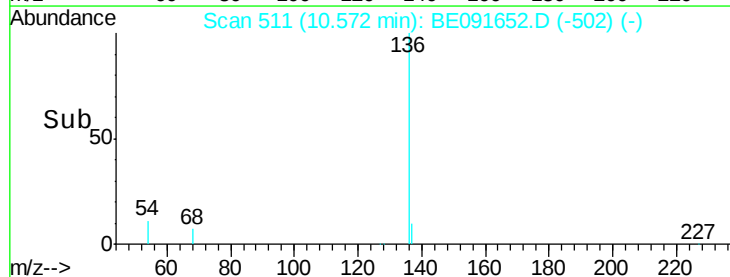
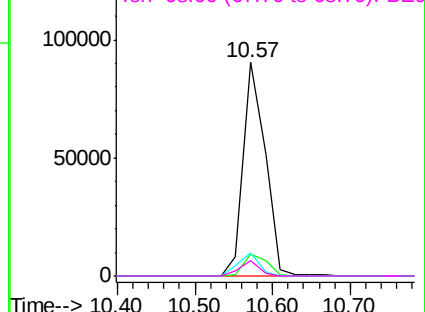


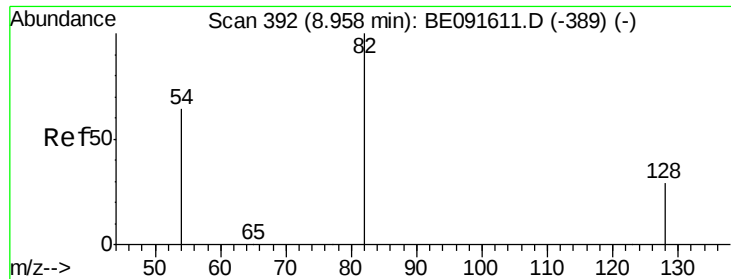
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

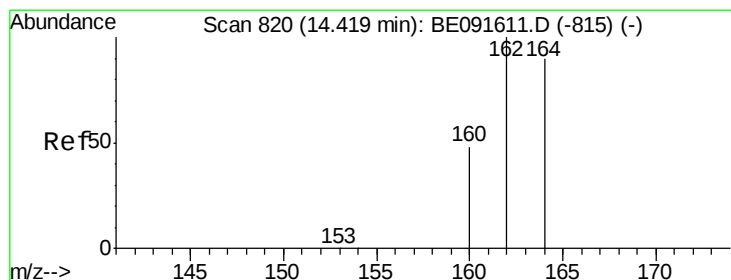
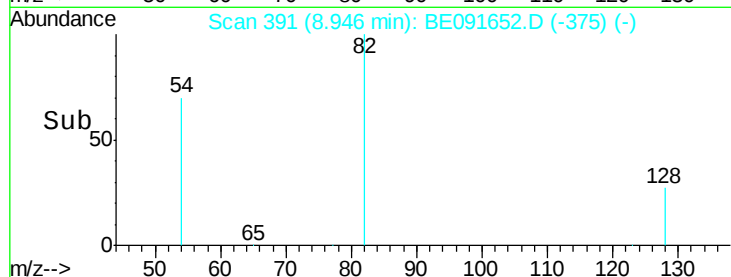
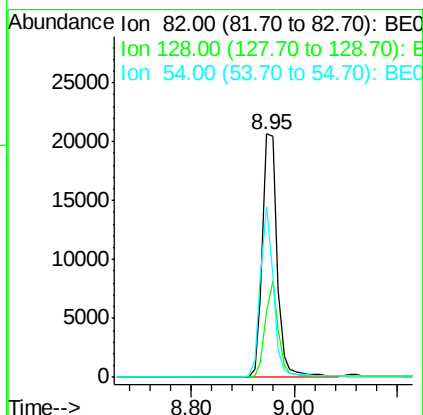
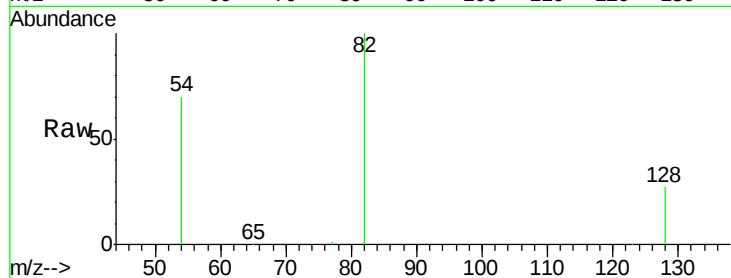




#8
 Nitrobenzene-d5
 Concen: 3.98 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BE091652.D
 Acq: 13 Apr 2016 11:54

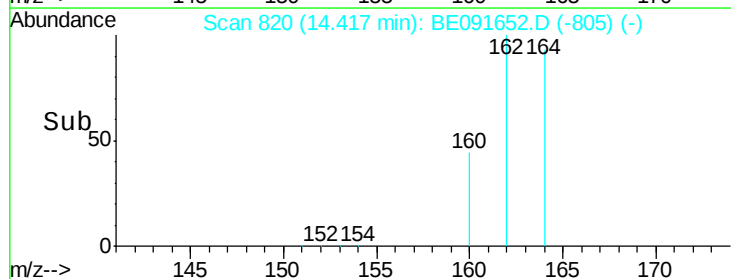
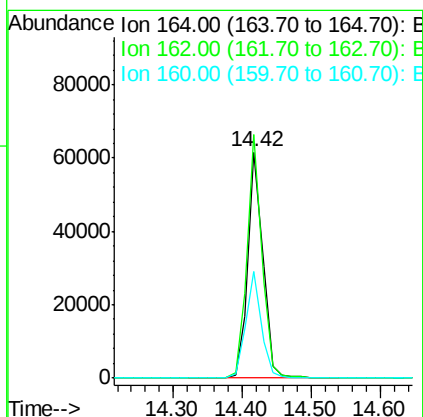
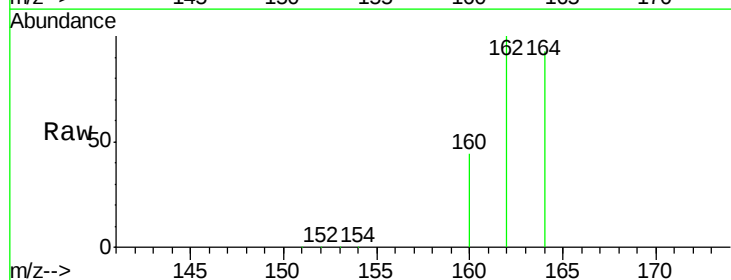
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

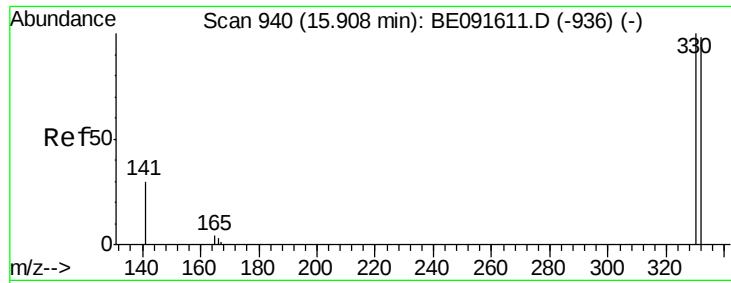
Tgt Ion: 82 Resp: 41155
 Ion Ratio Lower Upper
 82 100
 128 27.2 25.4 38.0
 54 70.0 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091652.D
 Acq: 13 Apr 2016 11:54

Tgt Ion: 164 Resp: 92487
 Ion Ratio Lower Upper
 164 100
 162 107.8 85.3 127.9
 160 47.5 46.2 69.2

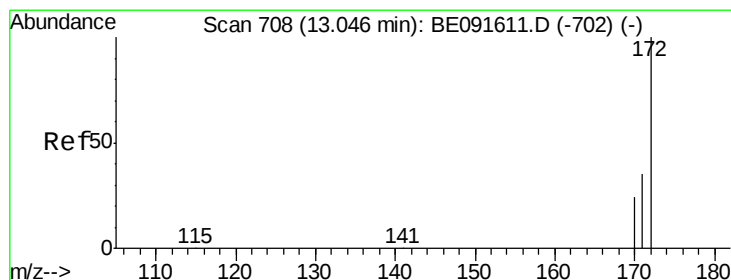
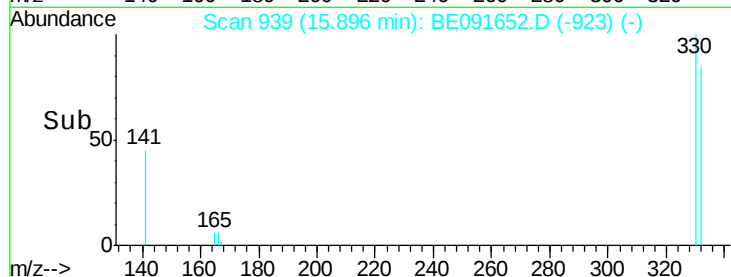
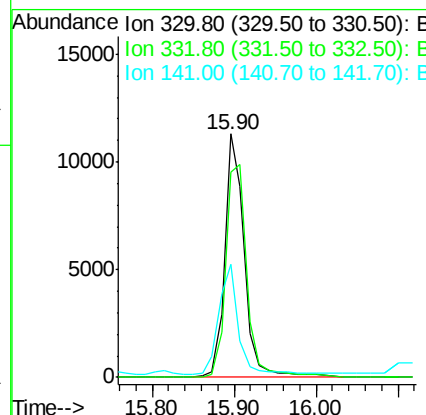
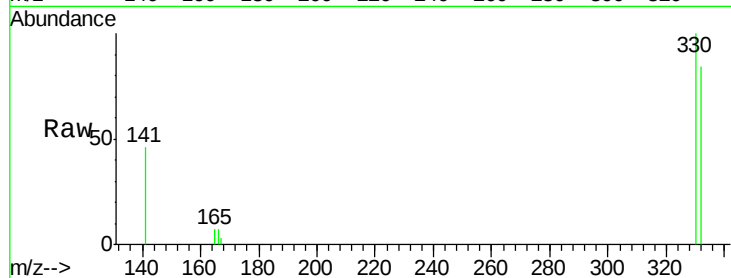




#14
 2,4,6-Tribromophenol
 Concen: 6.32 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091652.D
 Acq: 13 Apr 2016 11:54

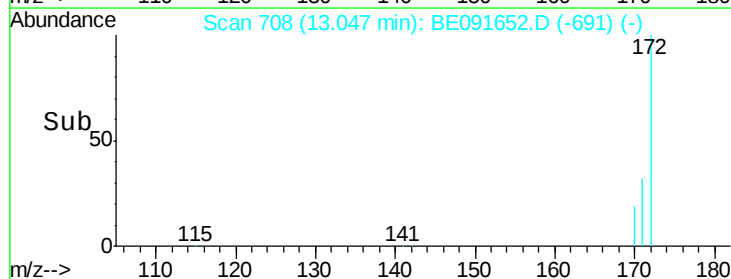
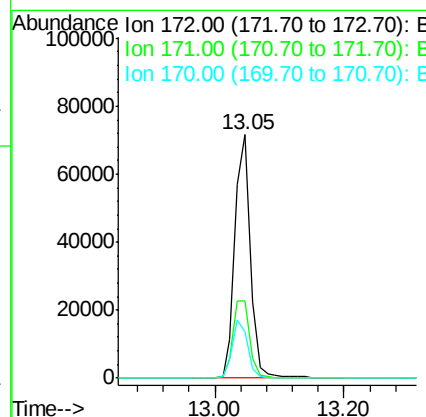
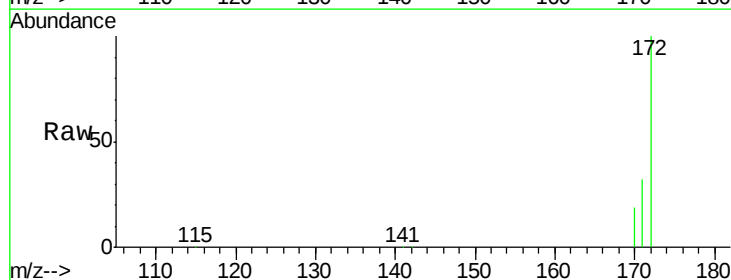
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160330

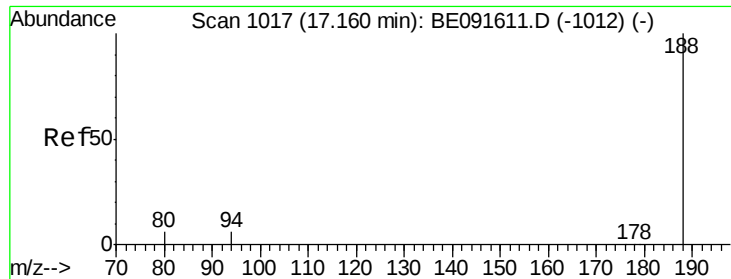
Tgt Ion:330 Resp: 21207
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.1 118.7
 141 44.9 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 4.58 ng
 RT: 13.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BE091652.D
 Acq: 13 Apr 2016 11:54

Tgt Ion:172 Resp: 117825
 Ion Ratio Lower Upper
 172 100
 171 31.6 28.8 43.2
 170 19.3 19.3 28.9

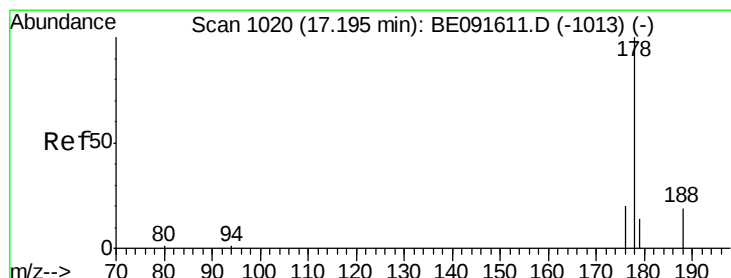
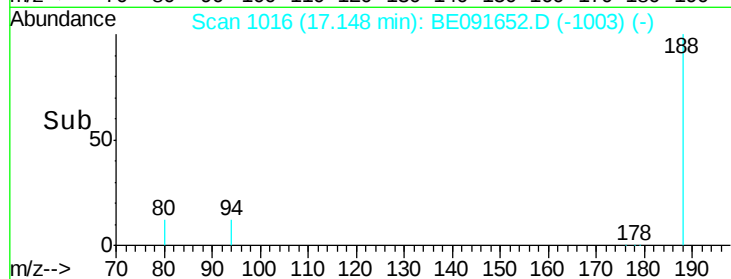
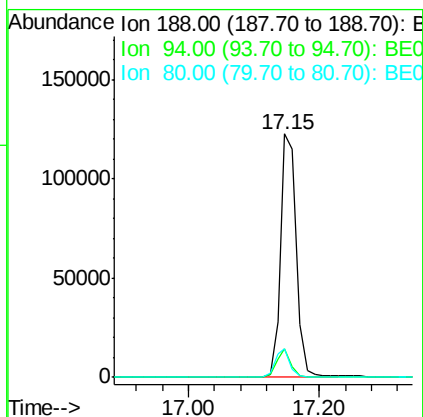
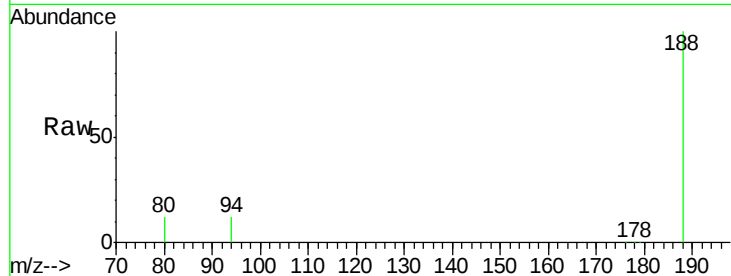




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE091652.D
Acq: 13 Apr 2016 11:54

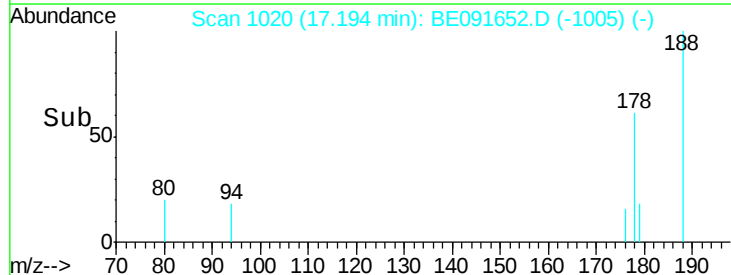
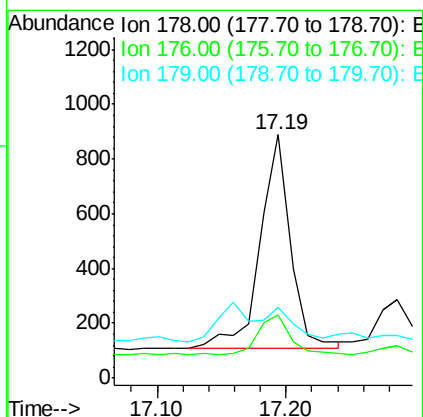
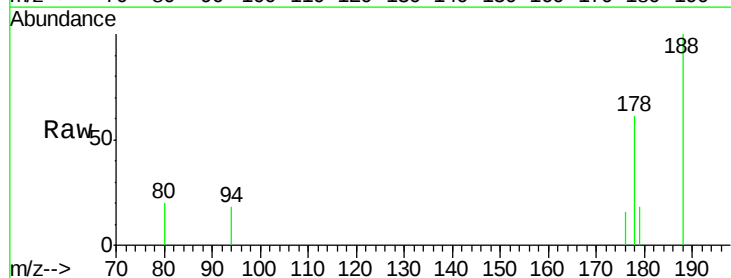
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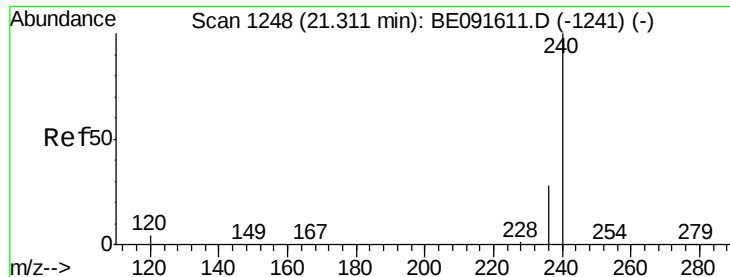
Tgt Ion:188 Resp: 229284
Ion Ratio Lower Upper
188 100
94 11.6 8.7 13.1
80 11.8 9.4 14.0



#23
Phenanthrene
Concen: 0.02 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091652.D
Acq: 13 Apr 2016 11:54

Tgt Ion:178 Resp: 1275
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 0.0 12.6 18.8#





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160330

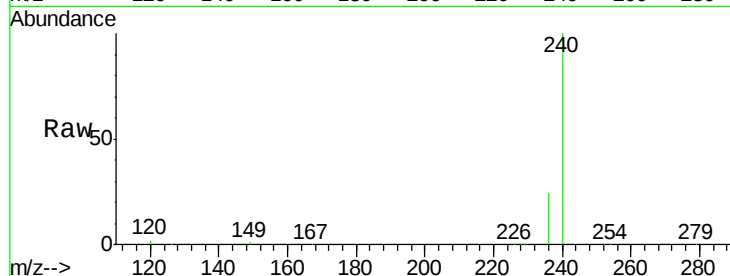
Tgt Ion:240 Resp: 315545

Ion Ratio Lower Upper

240 100

120 1.7 11.0 16.4#

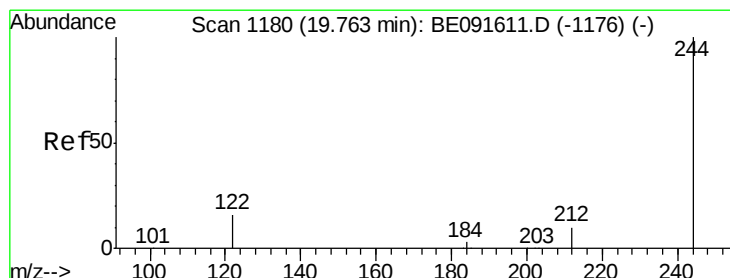
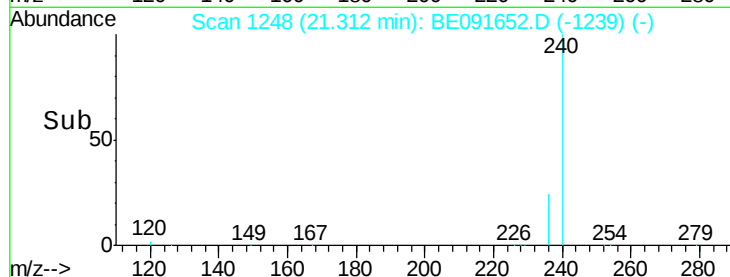
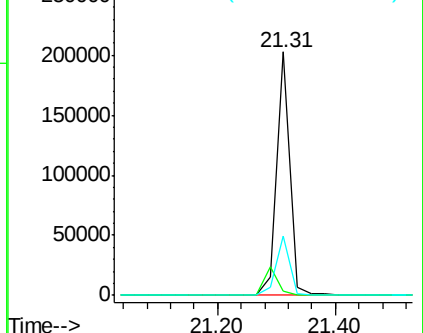
236 24.4 21.7 32.5



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



#29

Terphenyl-d14

Concen: 4.61 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

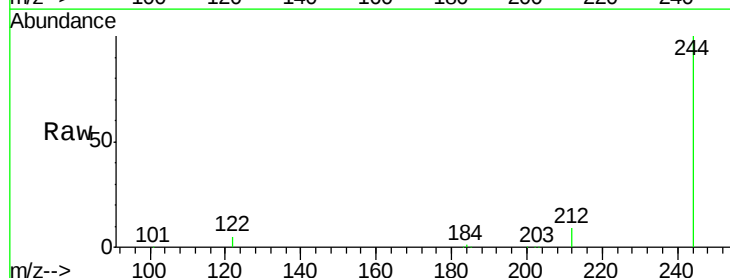
Tgt Ion:244 Resp: 181548

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

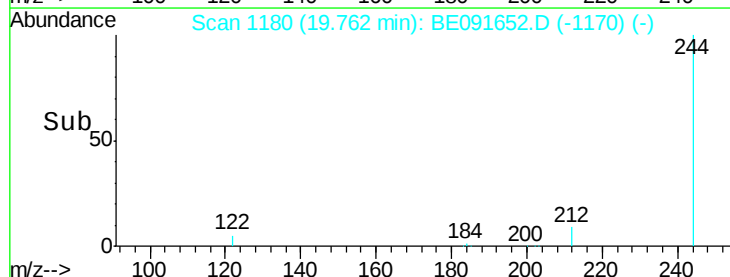
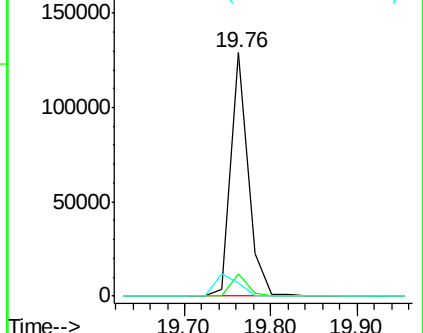
122 5.2 11.0 16.4#

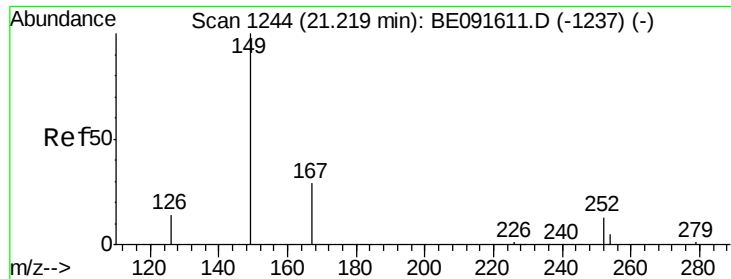


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.79 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

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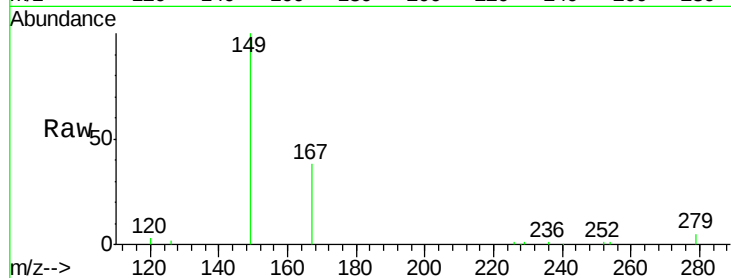
Tgt Ion:149 Resp: 29079

Ion Ratio Lower Upper

149 100

167 31.0 19.5 29.3#

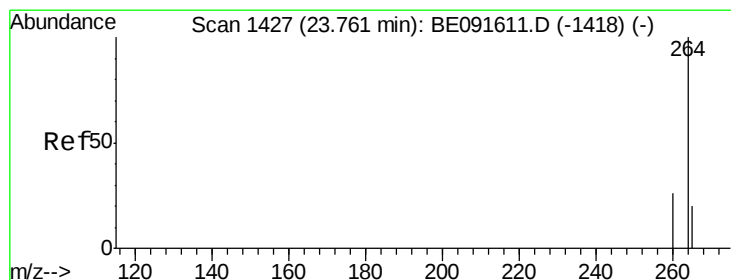
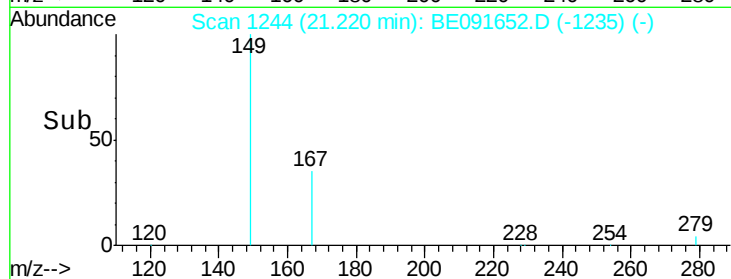
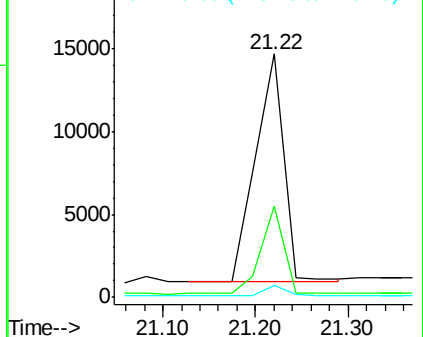
279 3.5 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BE091652.D

Acq: 13 Apr 2016 11:54

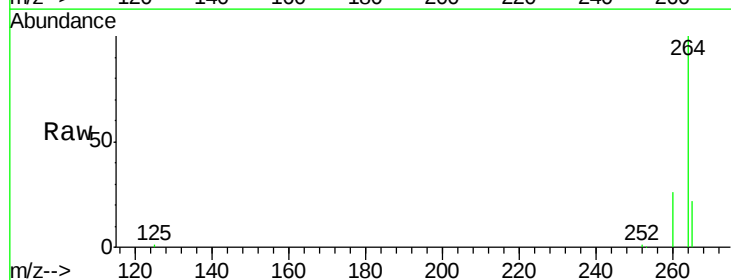
Tgt Ion:264 Resp: 295240

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

265 21.7 17.5 26.3



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

