

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
 Data File : BE091709.D
 Acq On : 26 Apr 2016 18:07
 Operator : UM/SJ
 Sample : H2643-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160419

Quant Time: Apr 27 01:03:11 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

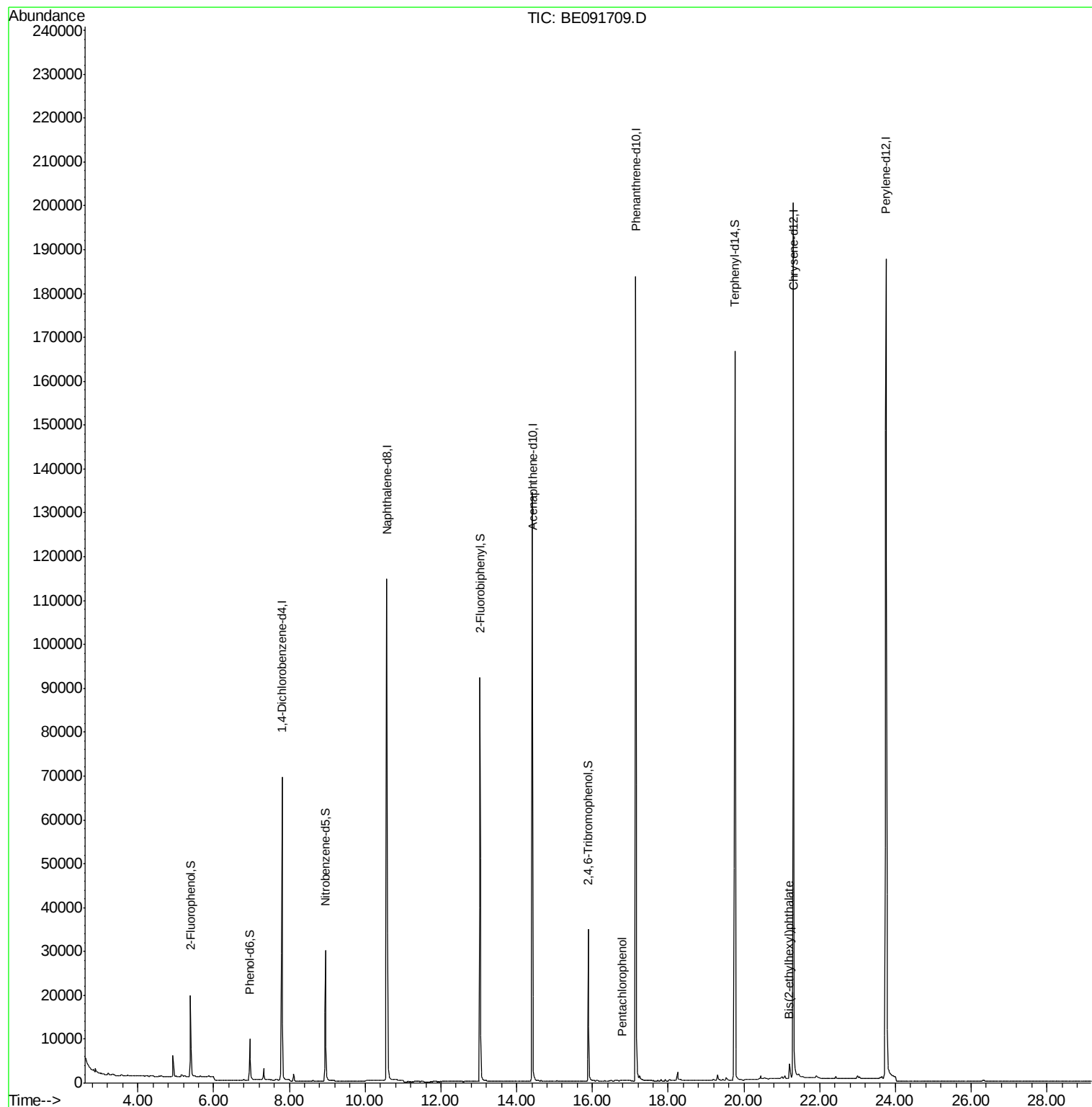
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35837	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	163540	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	94736	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	241076	5.00	ng	0.00
26) Chrysene-d12	21.31	240	288399	5.00	ng	0.00
35) Perylene-d12	23.75	264	277006	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	14421	1.64	ng	0.00
5) Phenol-d6	6.95	99	11367	0.97	ng	0.00
8) Nitrobenzene-d5	8.95	82	29494	2.79	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	26043	7.40	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	89748	3.35	ng	0.00
29) Terphenyl-d14	19.76	244	209347	4.66	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.79	266	159	0.13	ng	Qvalue 91
33) Bis(2-ethylhexyl)phthalate	21.20	149	5106	0.24	ng	# 88

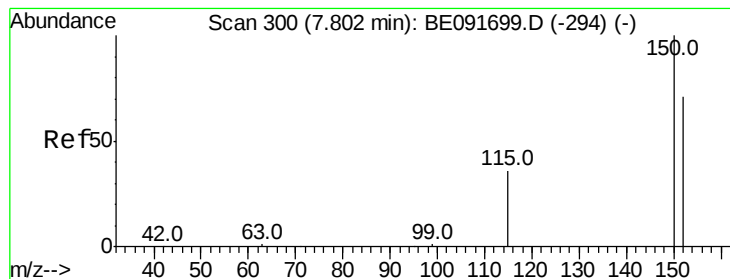
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091709.D

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BNA_E

ClientSampleId :

OUTFALL001-160419

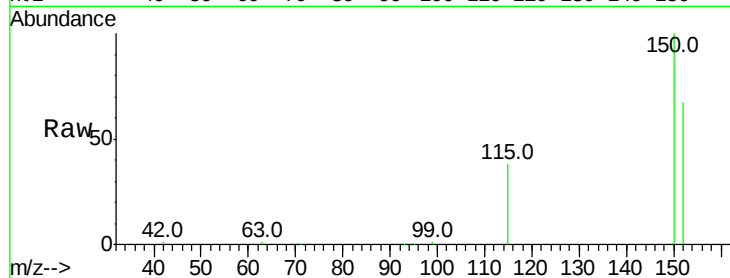
Tot Ion:152 Resp: 35837

Ion Ratio Lower Upper

152 100

150 150.2 122.6 183.8

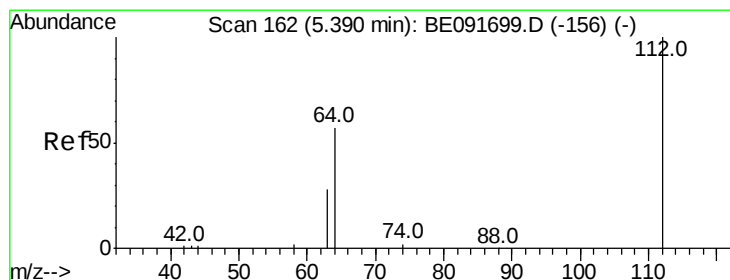
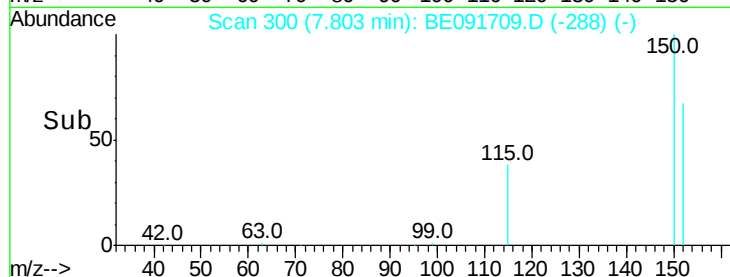
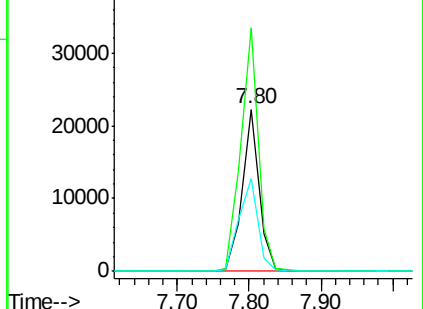
115 56.8 52.8 79.2



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: 1.64 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

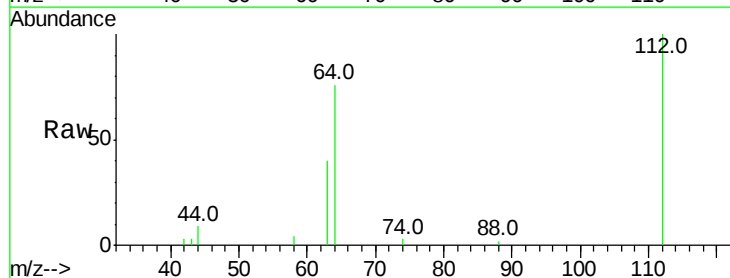
Tgt Ion:112 Resp: 14421

Ion Ratio Lower Upper

112 100

64 68.2 30.9 46.3#

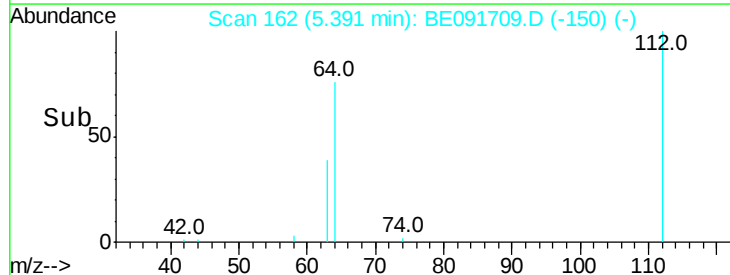
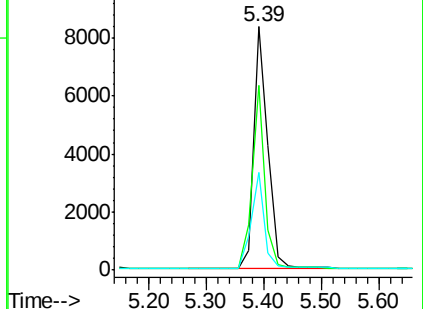
63 36.9 16.7 25.1#

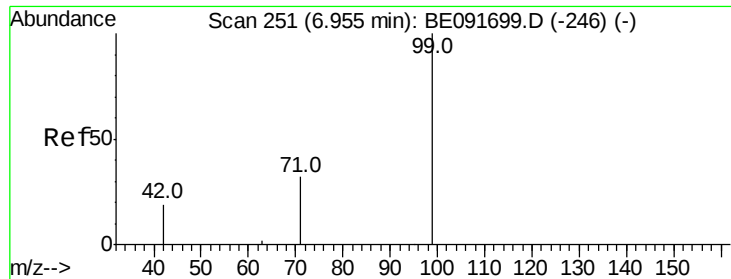


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160419

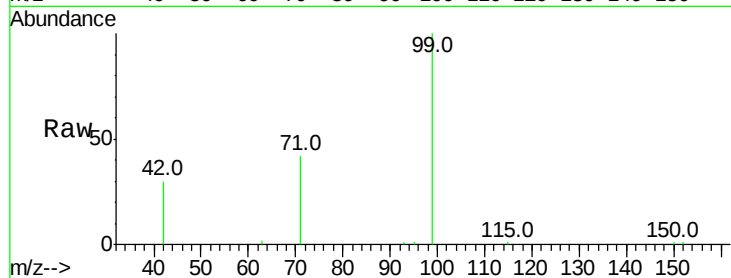
Tot Ion: 99 Resp: 11367

Ion Ratio Lower Upper

99 100

42 24.8 16.2 24.2#

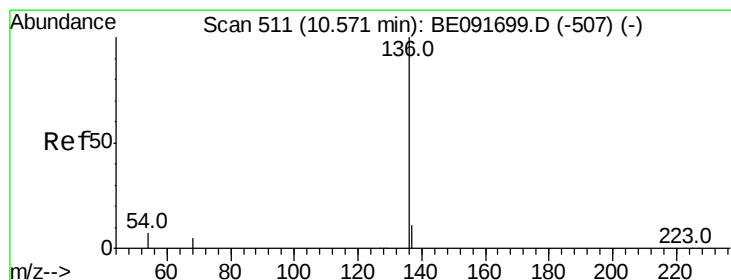
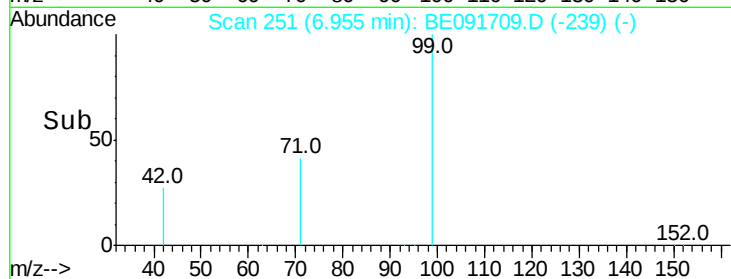
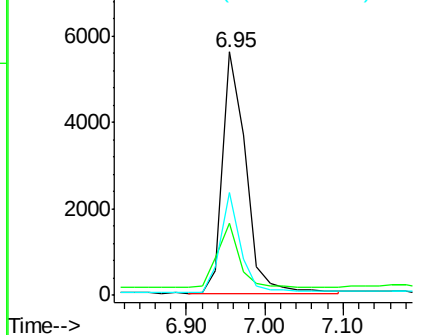
71 36.9 29.0 43.4



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. 0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

Tgt Ion: 136 Resp: 163540

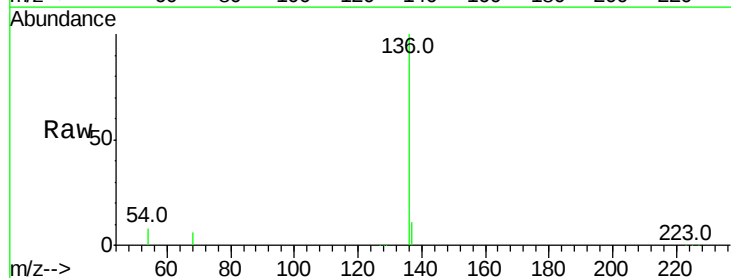
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.9 8.2 12.4#

68 5.7 6.2 9.4#

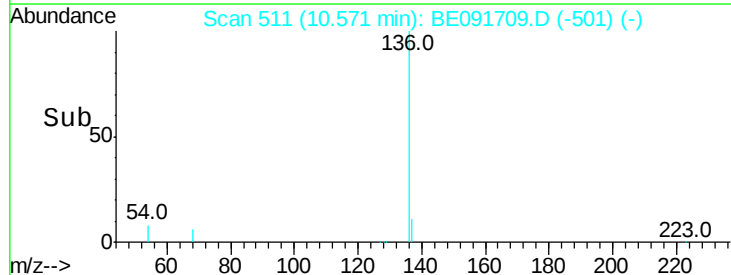
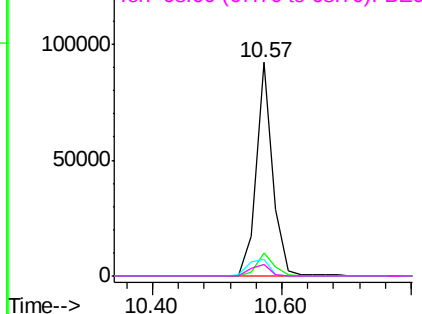


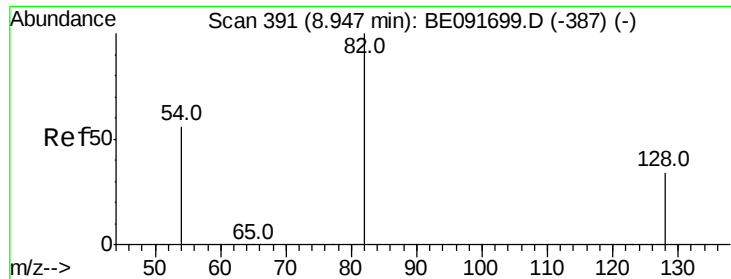
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.79 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160419

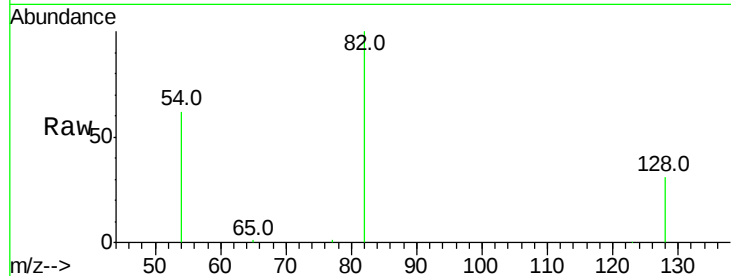
Tot Ion: 82 Resp: 29494

Ion Ratio Lower Upper

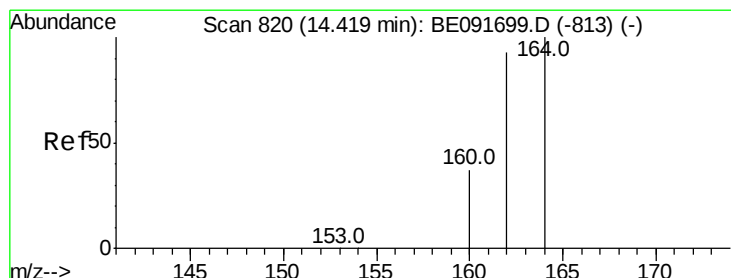
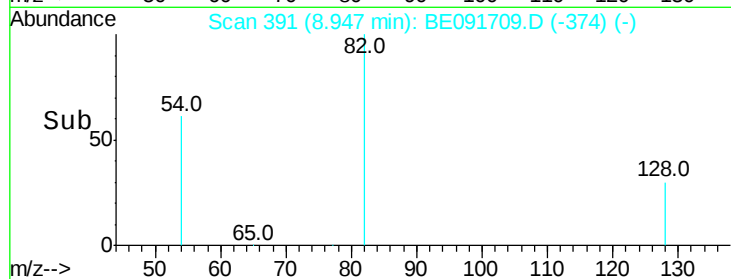
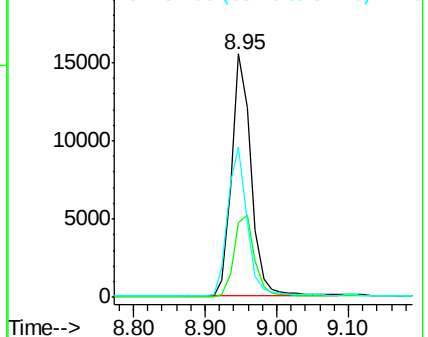
82 100

128 30.7 25.4 38.0

54 61.7 48.4 72.6



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: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

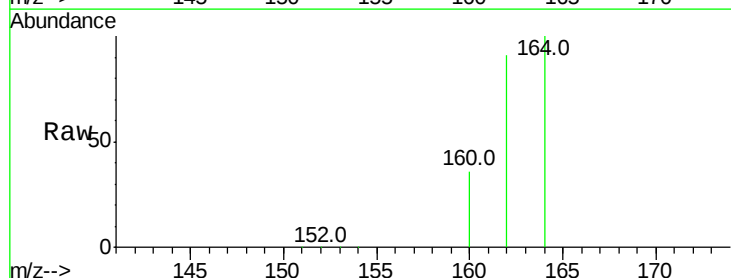
Tgt Ion:164 Resp: 94736

Ion Ratio Lower Upper

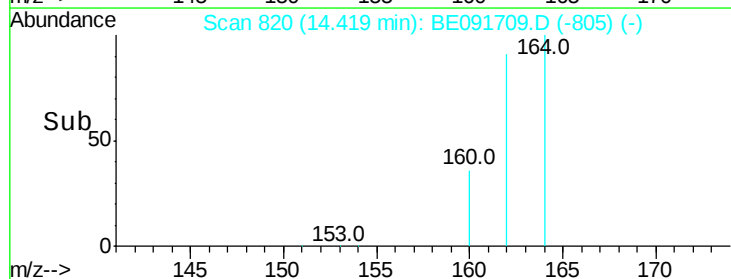
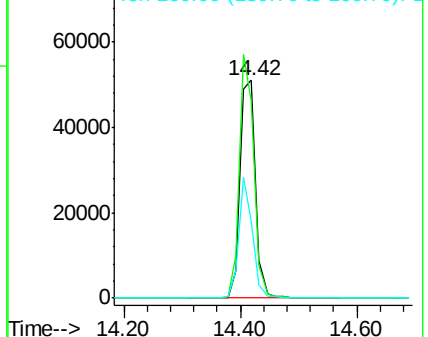
164 100

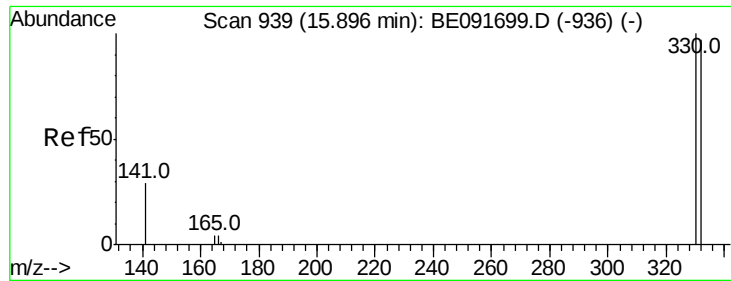
162 90.8 85.3 127.9

160 35.6 46.2 69.2#



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

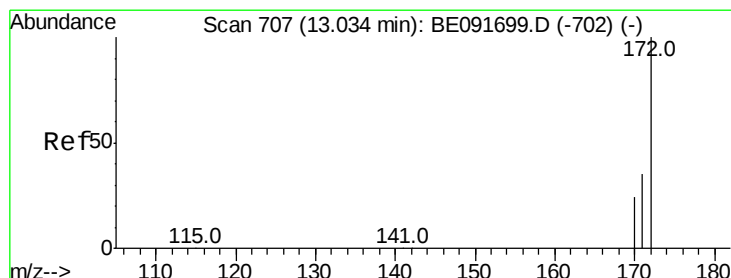
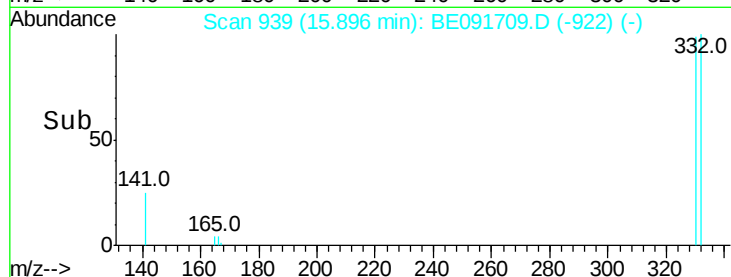
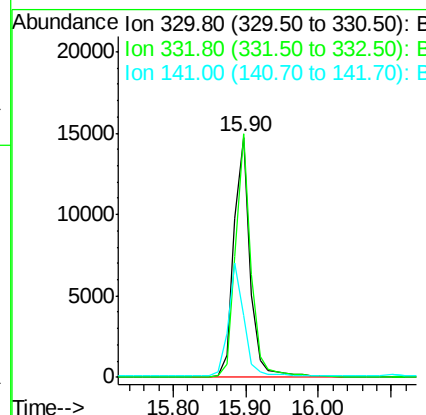
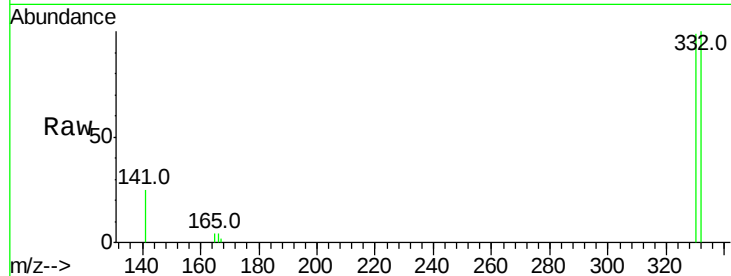




#14
 2,4,6-Tribromophenol
 Concen: 7.40 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091709.D
 Acq: 26 Apr 2016 18:07

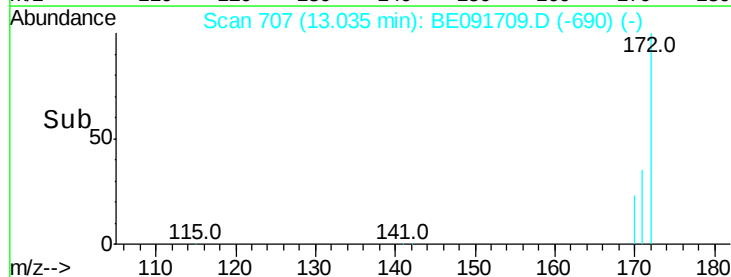
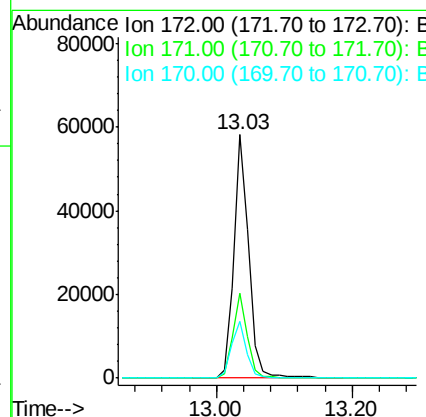
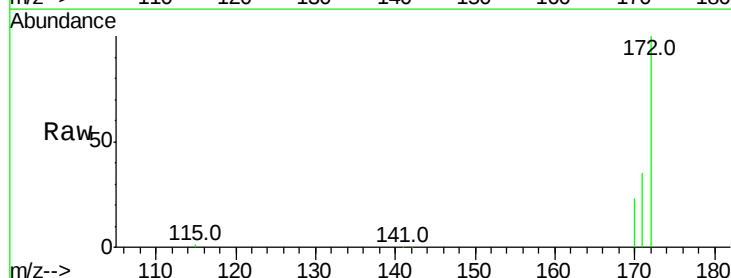
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160419

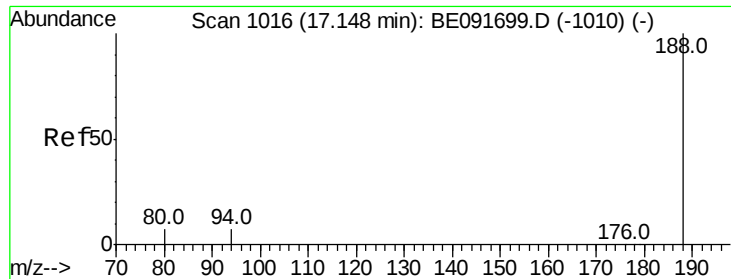
Tot Ion:330 Resp: 26043
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.1 118.7
 141 45.1 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.35 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091709.D
 Acq: 26 Apr 2016 18:07

Tgt Ion:172 Resp: 89748
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 23.4 19.3 28.9

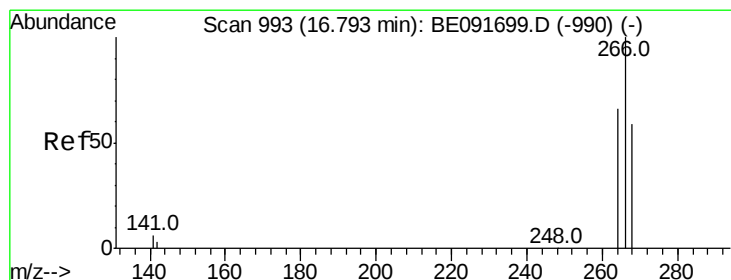
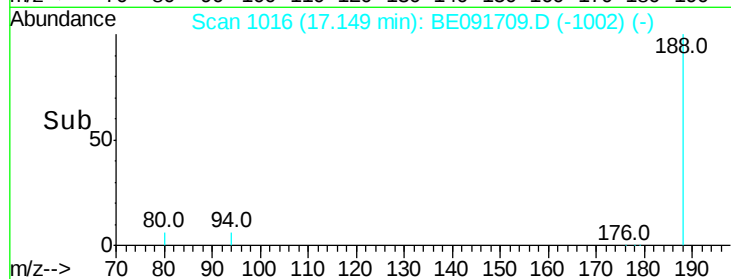
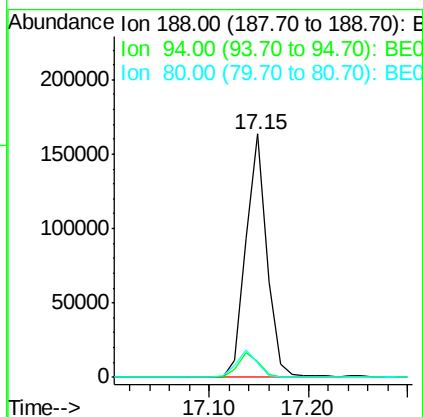
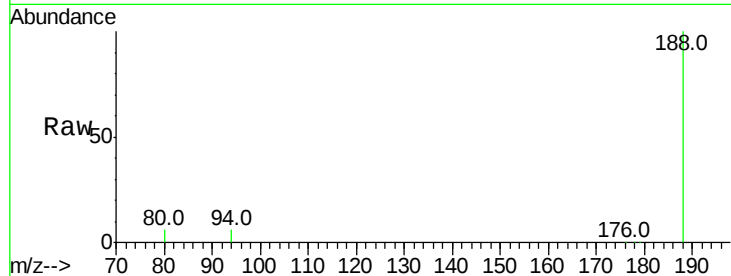




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

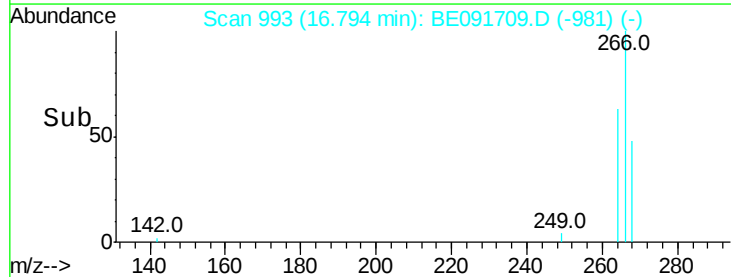
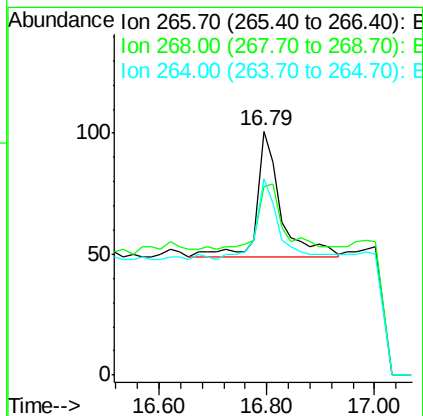
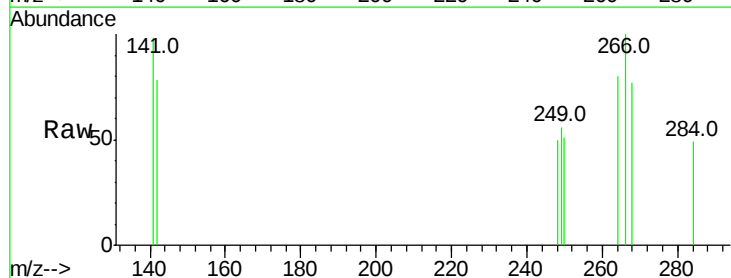
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160419

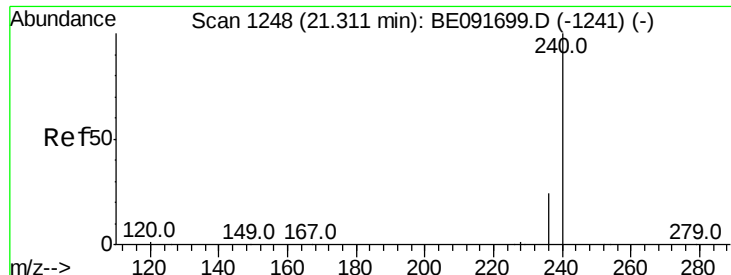
Tot Ion:188 Resp: 241076
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 5.8 9.4 14.0#



#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091709.D
Acq: 26 Apr 2016 18:07

Tgt Ion:266 Resp: 159
Ion Ratio Lower Upper
266 100
268 77.2 58.2 87.2
264 80.2 56.2 84.4





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160419

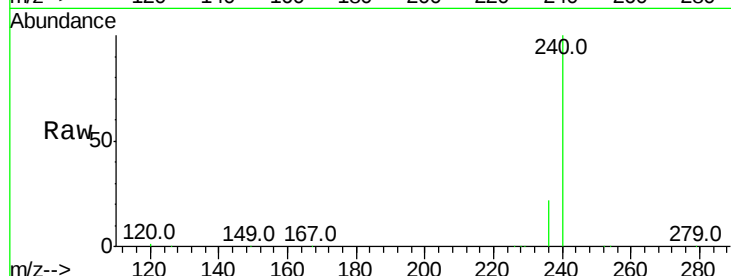
Tot Ion:240 Resp: 288399

Ion Ratio Lower Upper

240 100

120 0.9 11.0 16.4#

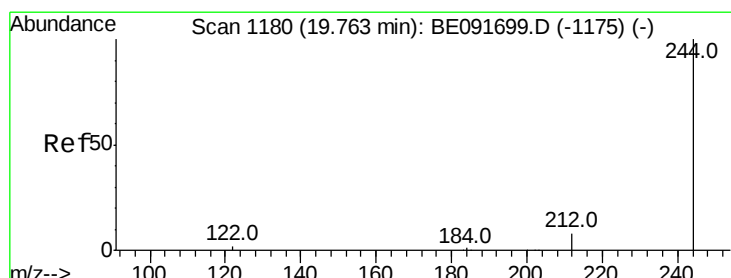
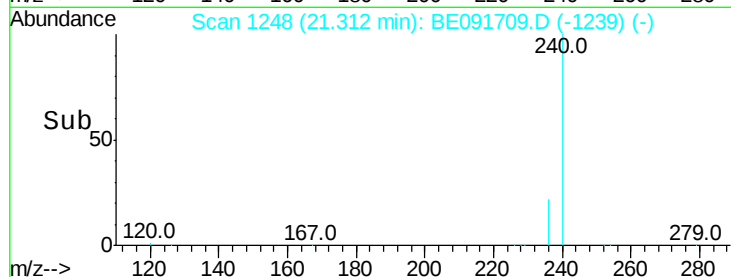
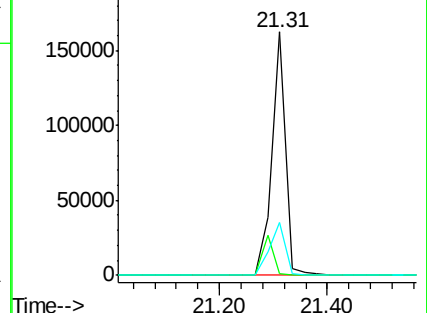
236 21.8 21.7 32.5



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: 4.66 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091709.D

Acq: 26 Apr 2016 18:07

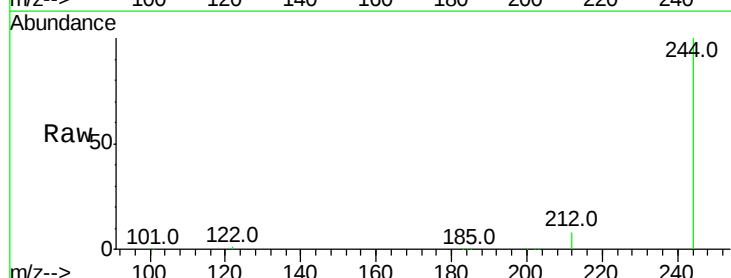
Tgt Ion:244 Resp: 209347

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

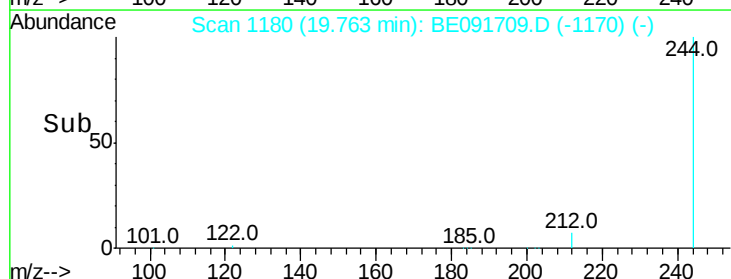
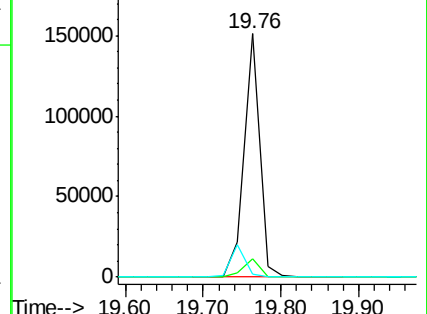
122 1.5 11.0 16.4#

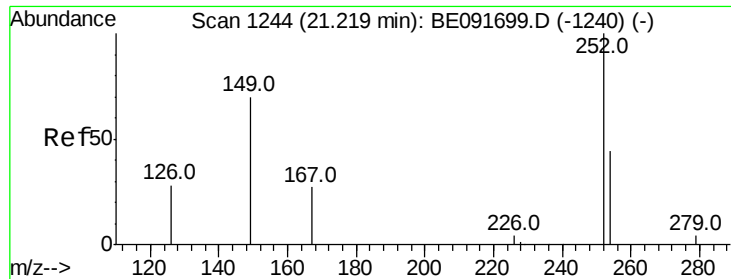


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

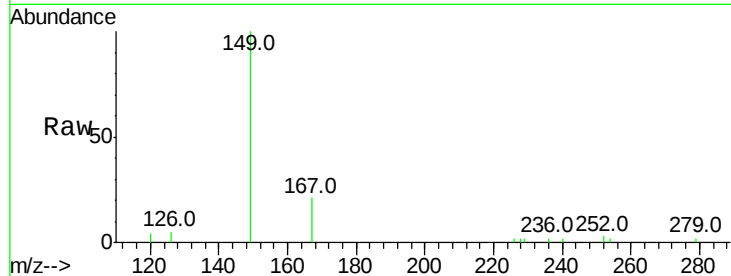




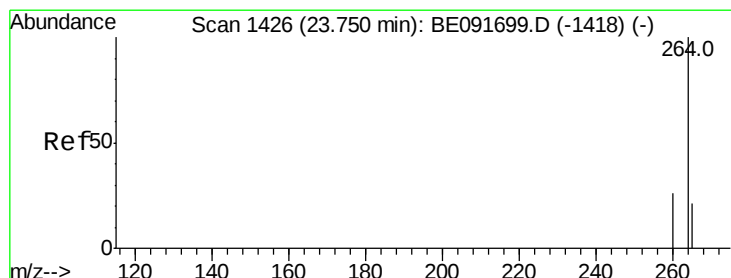
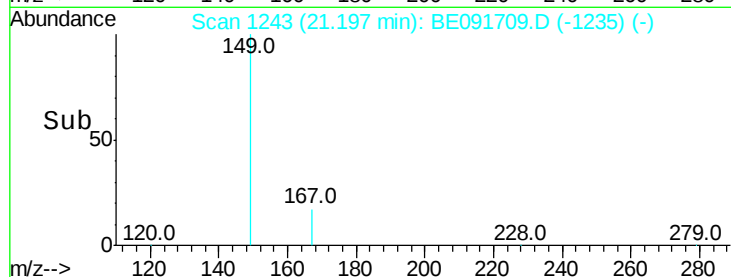
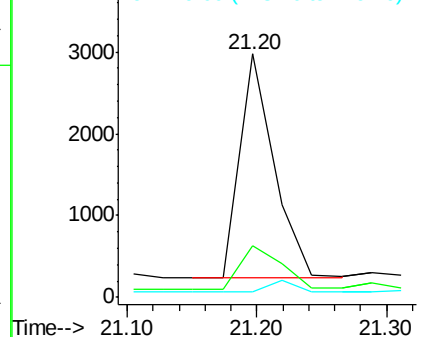
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091709.D
 Acq: 26 Apr 2016 18:07

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160419

Tot Ion:149 Resp: 5106
 Ion Ratio Lower Upper
 149 100
 167 23.6 19.5 29.3
 279 0.0 10.0 15.0#

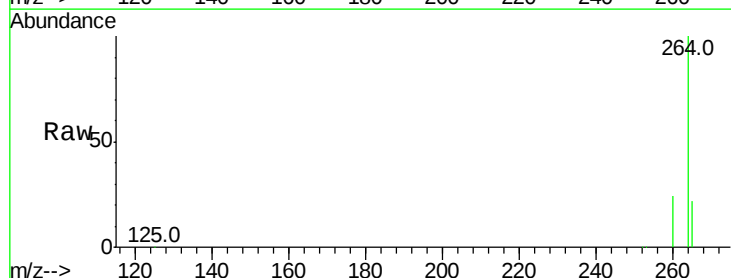


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE091709.D
 Acq: 26 Apr 2016 18:07

Tgt Ion:264 Resp: 277006
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 22.0 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

