

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091678.D
 Acq On : 19 Apr 2016 00:07
 Operator : UM/SJ
 Sample : H2563-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BCR09

Quant Time: Apr 19 13:12:54 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

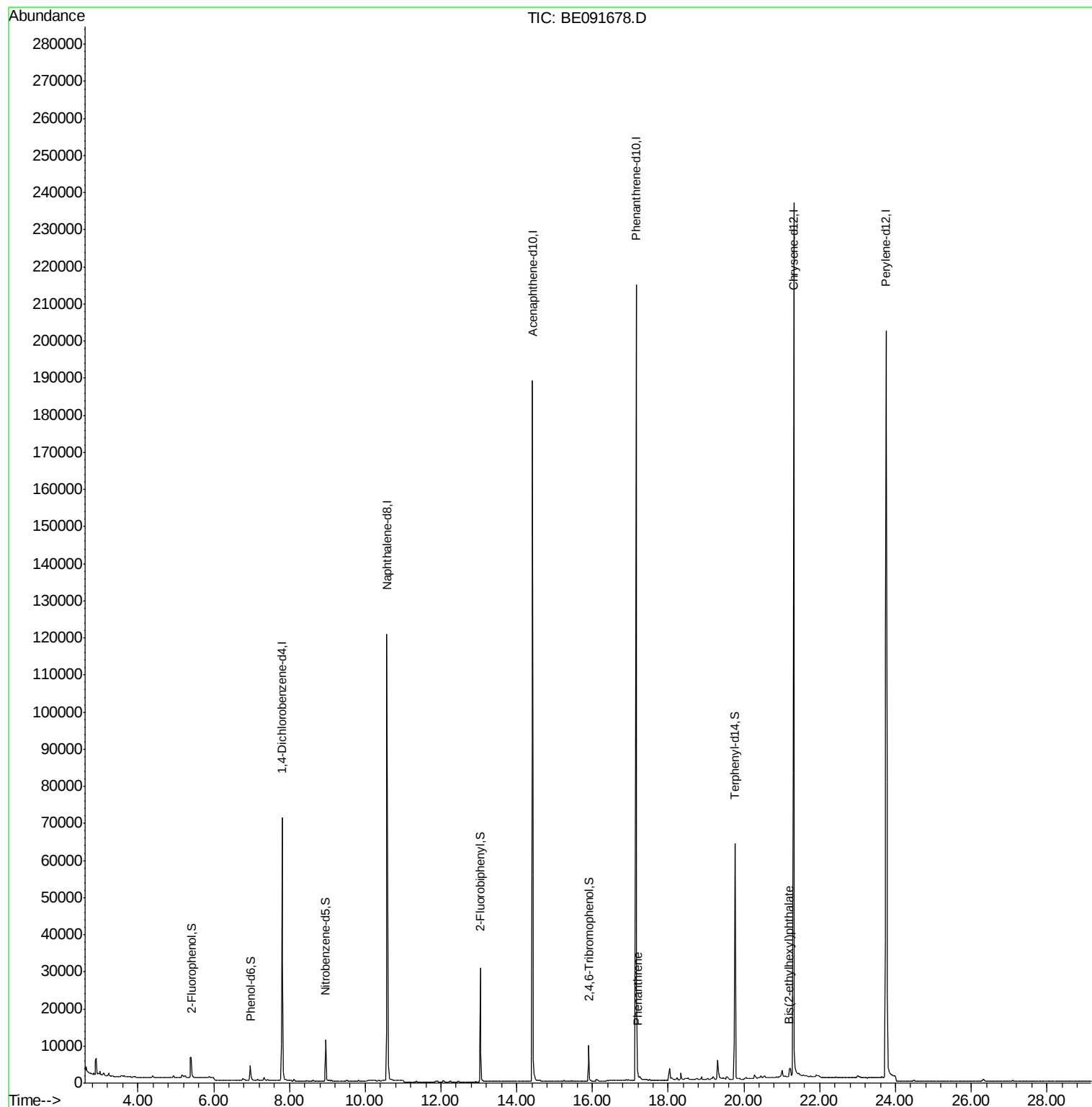
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36568	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	184330	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	112799	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	273837	5.00	ng	0.00
26) Chrysene-d12	21.31	240	325523	5.00	ng	0.00
35) Perylene-d12	23.75	264	312653	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	6190	0.78	ng	0.00
5) Phenol-d6	6.97	99	5423	0.51	ng	0.00
8) Nitrobenzene-d5	8.96	82	11409	1.21	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	7665	2.48	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	35298	1.12	ng	0.00
29) Terphenyl-d14	19.76	244	75038	1.69	ng	0.00
Target Compounds						
23) Phenanthrene	17.19	178	1248	0.02	ng	# 79
33) Bis(2-ethylhexyl)phthalate	21.20	149	4520	0.44	ng	# 57

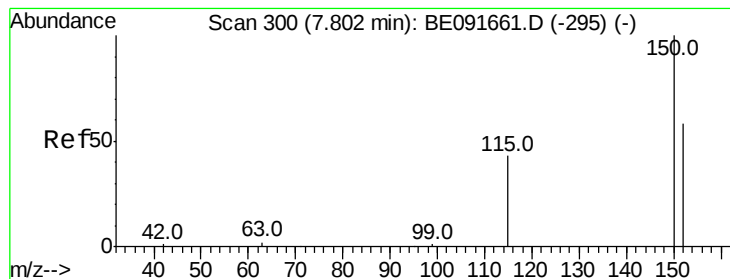
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

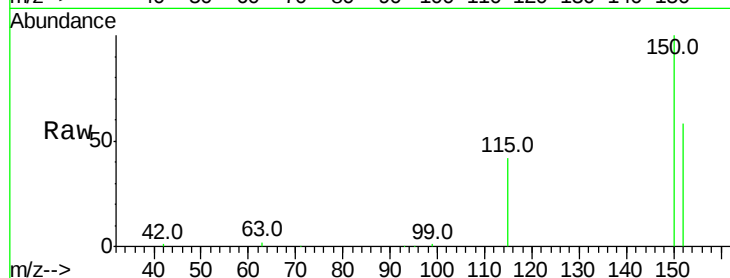
Tot Ion:152 Resp: 36568

Ion Ratio Lower Upper

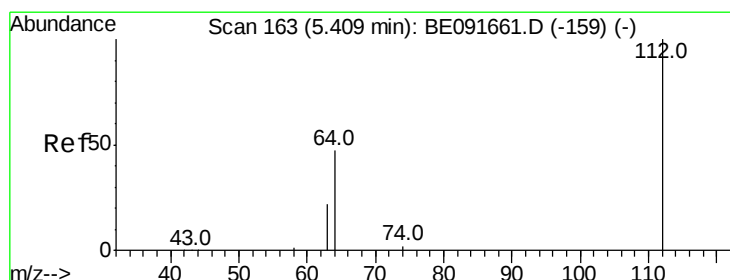
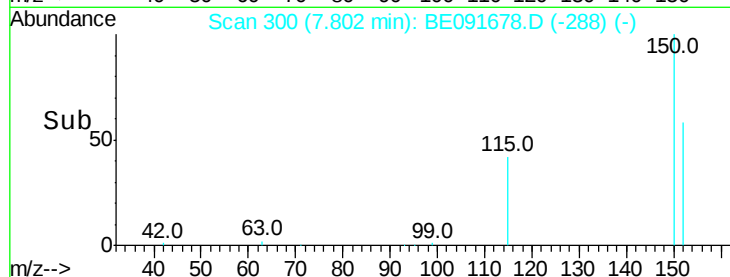
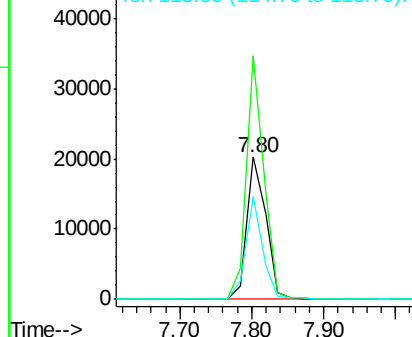
152 100

150 171.6 122.6 183.8

115 72.6 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: 0.78 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

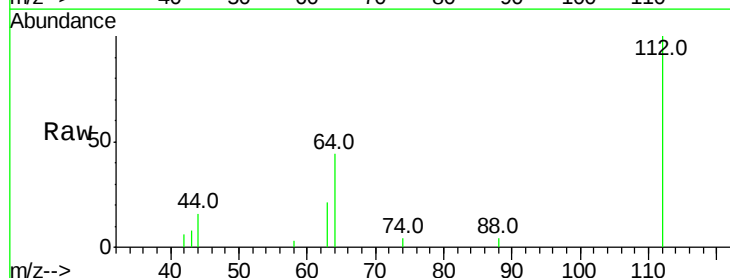
Tgt Ion:112 Resp: 6190

Ion Ratio Lower Upper

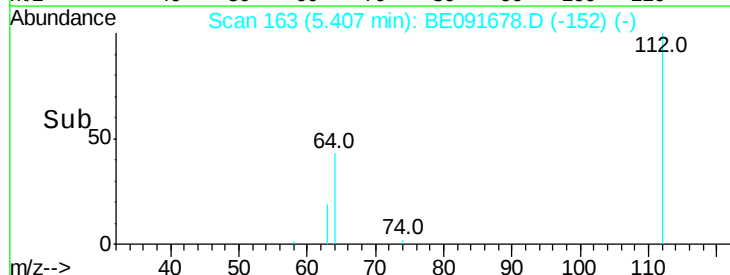
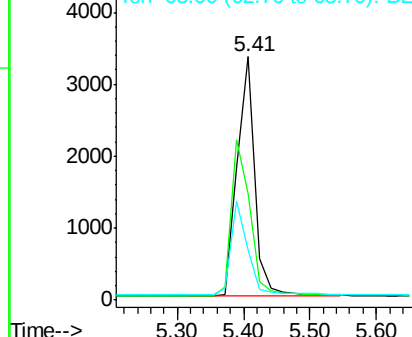
112 100

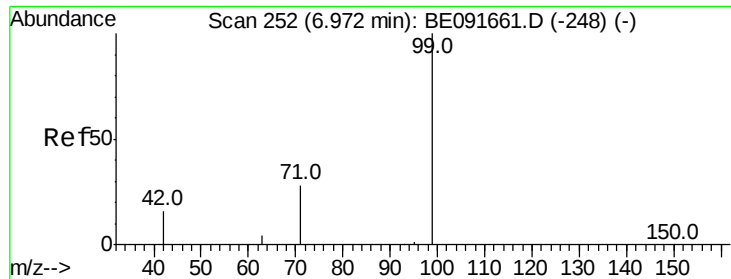
64 68.9 30.9 46.3#

63 36.7 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: 0.51 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

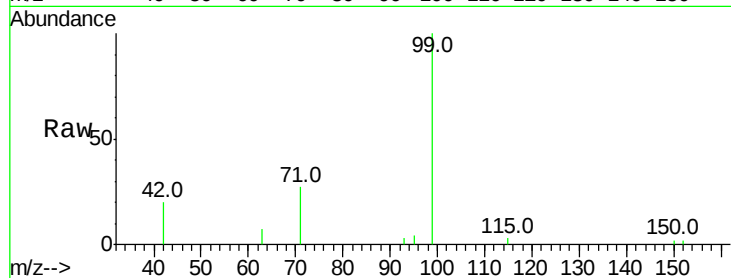
BNA_E

ClientSampleId :

BCR09

Tot Ion: 99 Resp: 5423

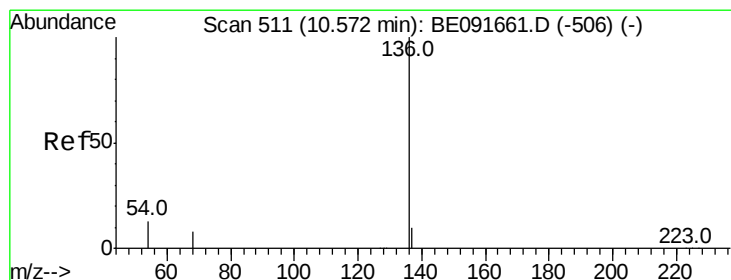
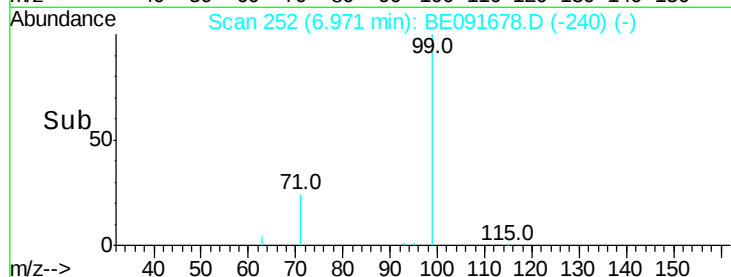
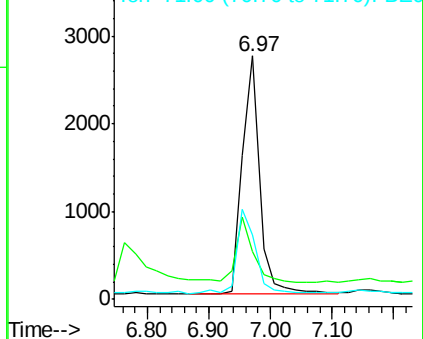
Ion	Ratio	Lower	Upper
99	100		
42	26.7	16.2	24.2#
71	38.3	29.0	43.4



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: BE091678.D

Acq: 19 Apr 2016 00:07

Tgt Ion: 136 Resp: 184330

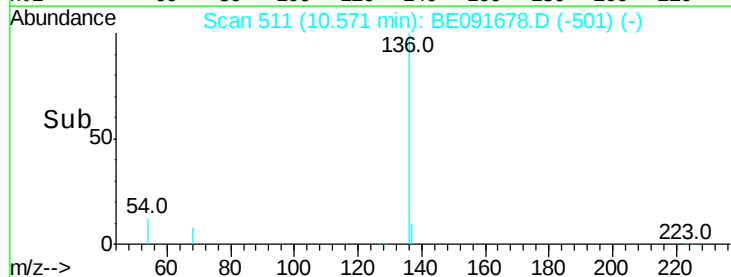
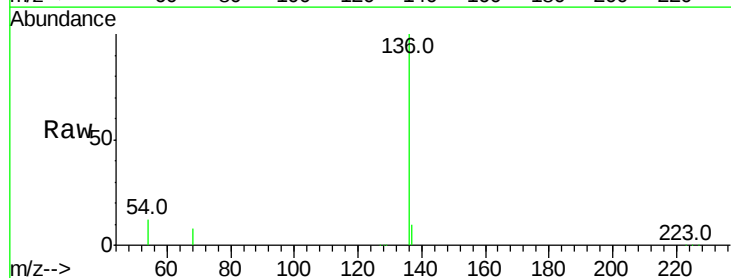
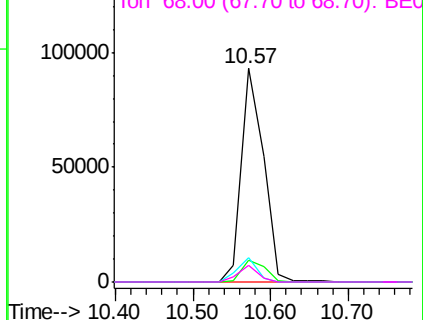
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.7	8.2	12.4
68	7.9	6.2	9.4

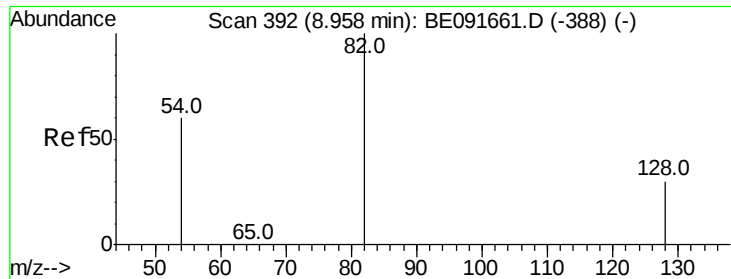
Abundance Ion 136.00 (135.70 to 136.70): E

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

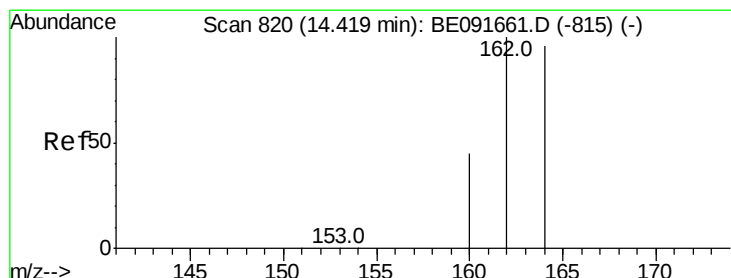
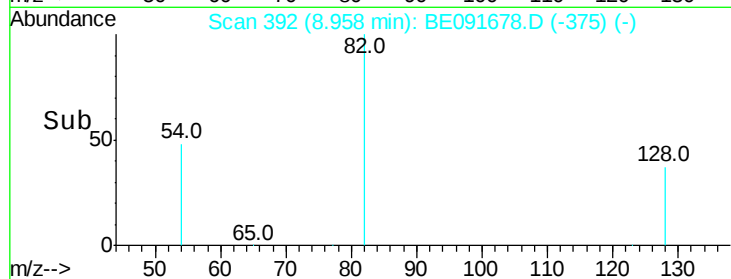
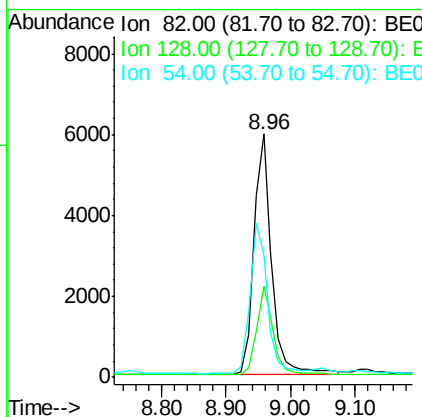
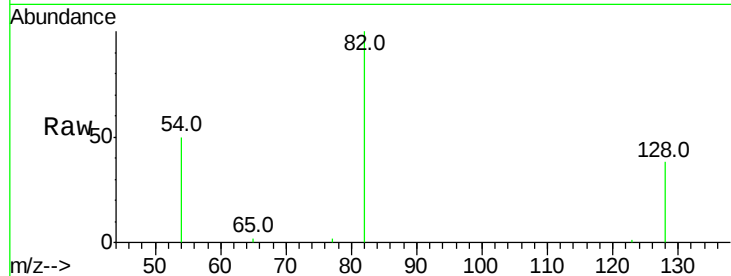




#8
 Nitrobenzene-d5
 Concen: 1.21 ng
 RT: 8.96 min Scan# 392
 Delta R.T. 0.00 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

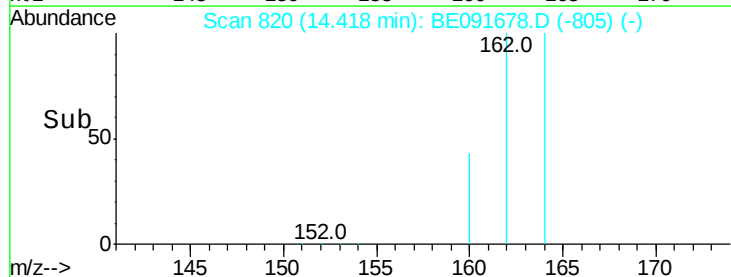
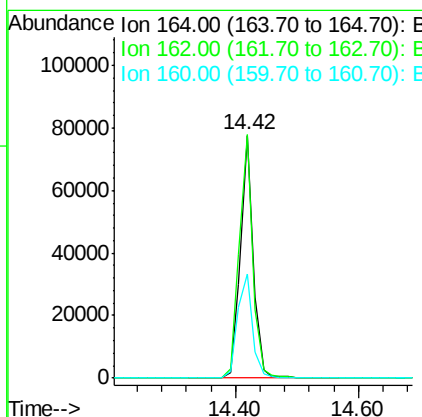
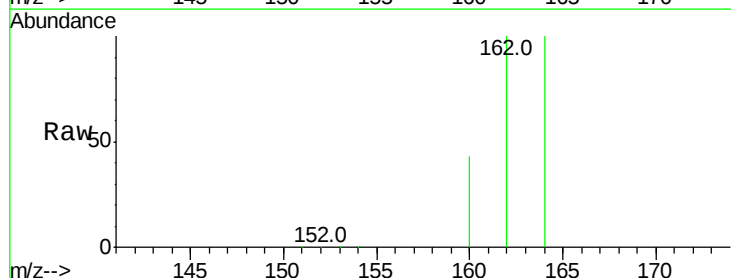
Instrument :
 BNA_E
 ClientSampleId :
 BCR09

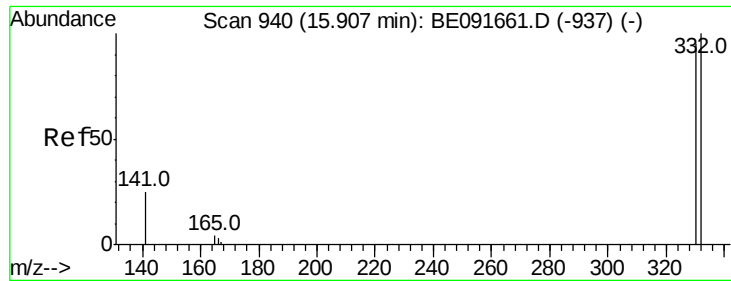
Tot Ion: 82 Resp: 11409
 Ion Ratio Lower Upper
 82 100
 128 37.6 25.4 38.0
 54 49.9 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

Tgt Ion: 164 Resp: 112799
 Ion Ratio Lower Upper
 164 100
 162 100.2 85.3 127.9
 160 42.7 46.2 69.2#

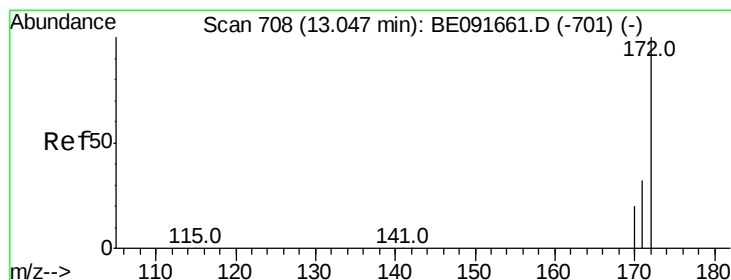
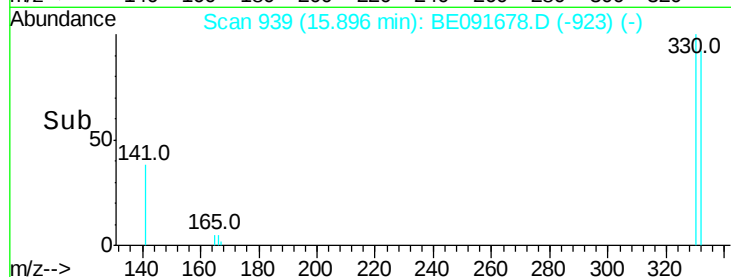
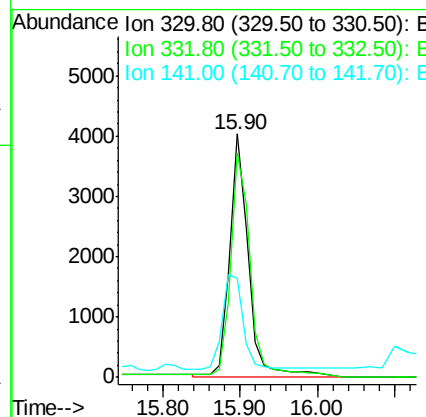
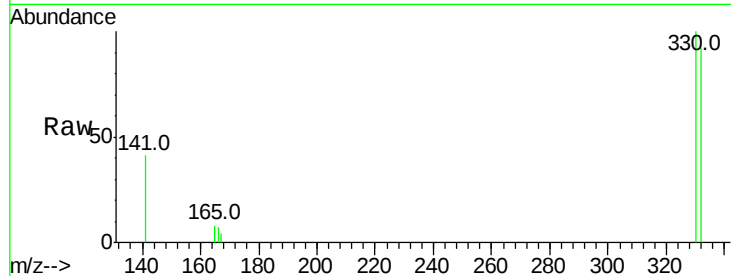




#14
 2,4,6-Tribromophenol
 Concen: 2.48 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

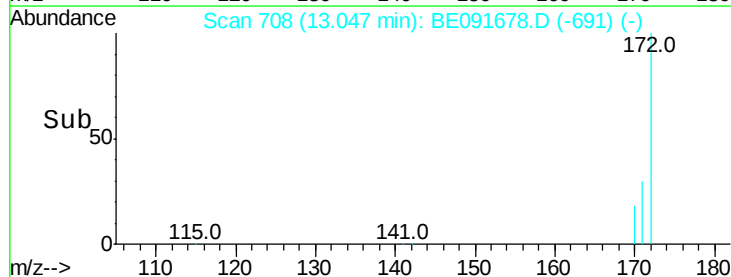
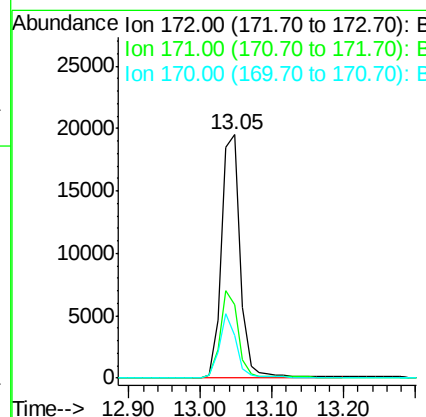
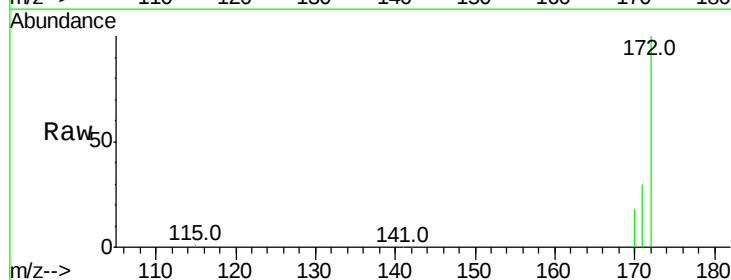
Instrument :
 BNA_E
 ClientSampleId :
 BCR09

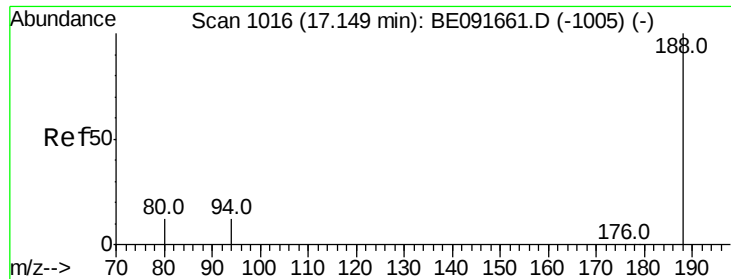
Tot Ion:330 Resp: 7665
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.1 118.7
 141 38.9 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 1.12 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

Tgt Ion:172 Resp: 35298
 Ion Ratio Lower Upper
 172 100
 171 30.3 28.8 43.2
 170 17.7 19.3 28.9#

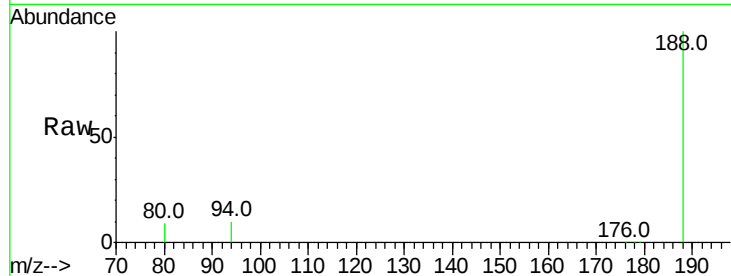




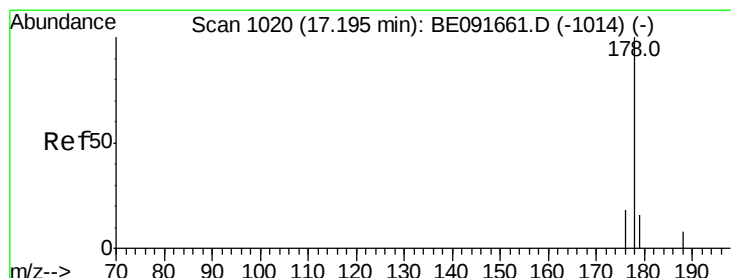
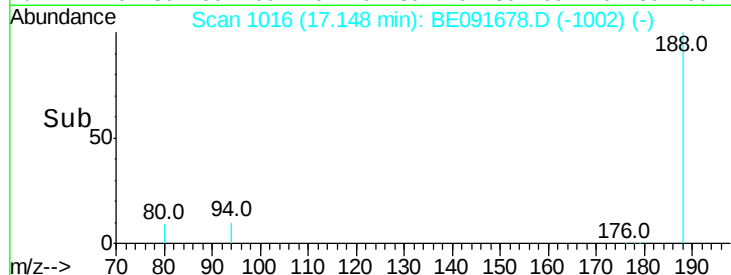
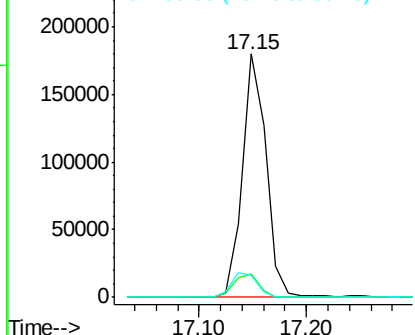
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091678.D
Acq: 19 Apr 2016 00:07

Instrument :
BNA_E
ClientSampleId :
BCR09

Tot Ion:188 Resp: 273837
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 9.4 9.4 14.0

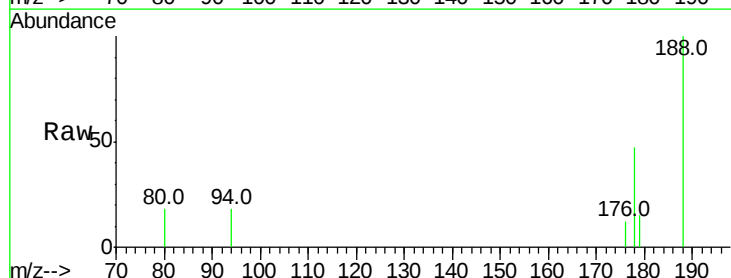


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

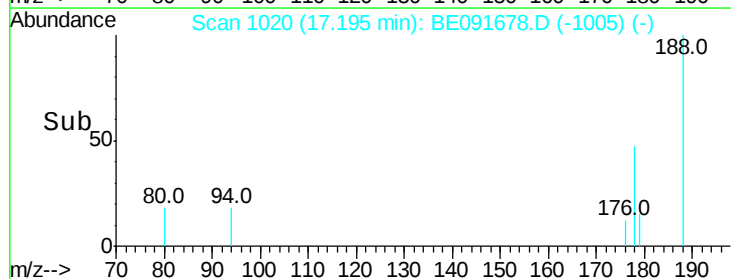
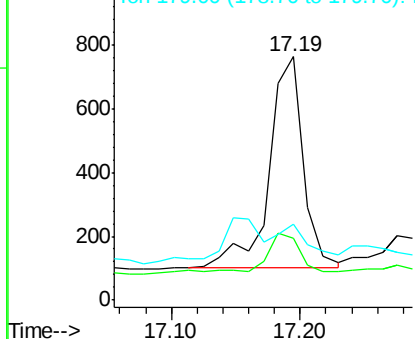


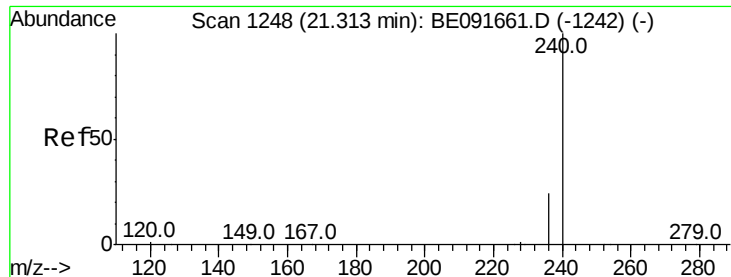
#23
Phenanthrene
Concen: 0.02 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091678.D
Acq: 19 Apr 2016 00:07

Tgt Ion:178 Resp: 1248
Ion Ratio Lower Upper
178 100
176 15.2 15.3 22.9#
179 0.0 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

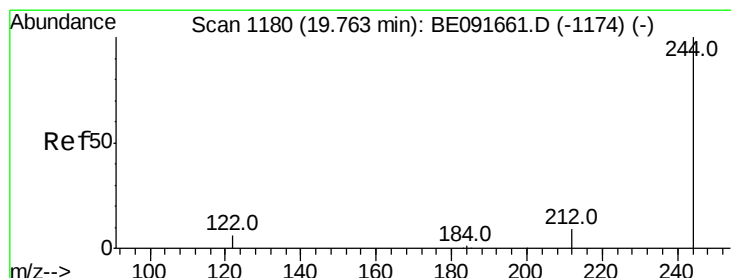
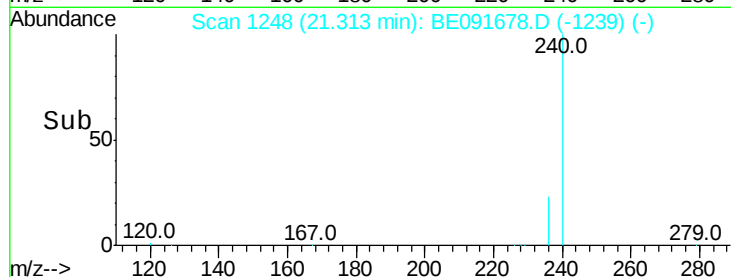
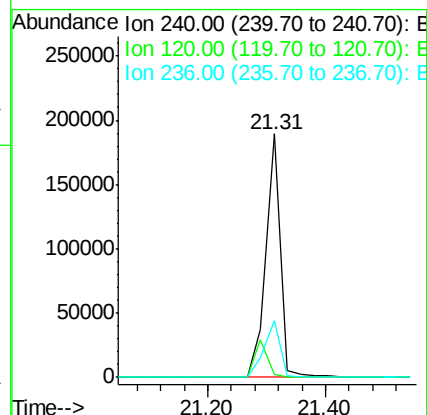
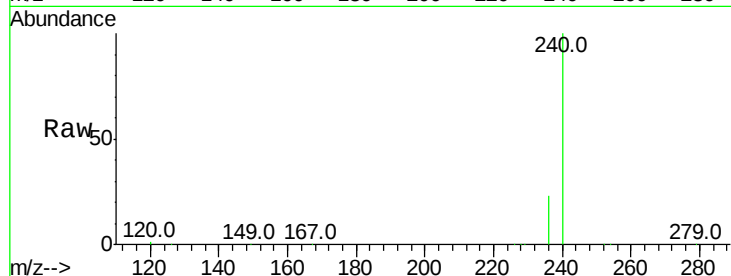




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

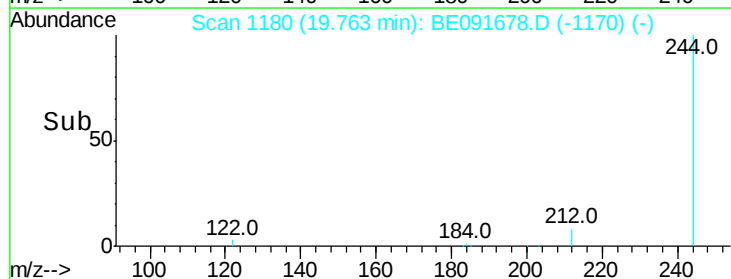
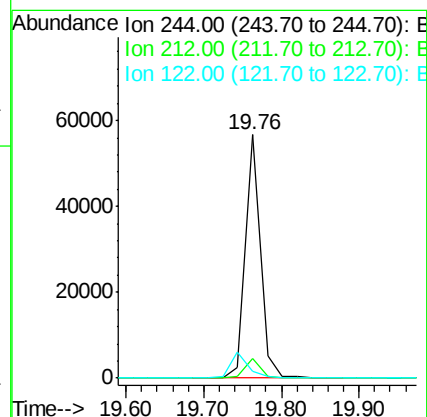
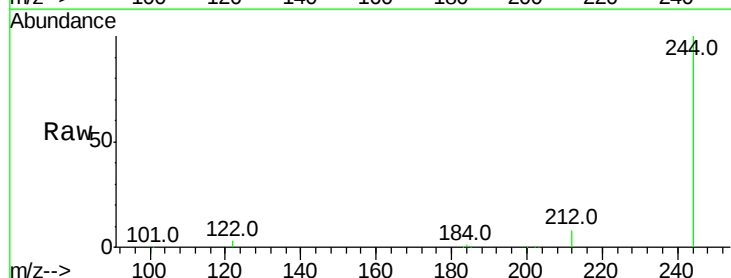
Instrument :
 BNA_E
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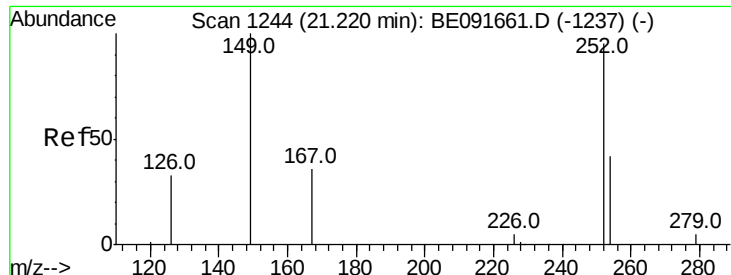
Tot Ion:240 Resp: 325523
 Ion Ratio Lower Upper
 240 100
 120 1.0 11.0 16.4#
 236 23.2 21.7 32.5



#29
 Terphenyl-d14
 Concen: 1.69 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091678.D
 Acq: 19 Apr 2016 00:07

Tgt Ion:244 Resp: 75038
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 3.0 11.0 16.4#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

Instrument :

BNA_E

ClientSampleId :

BCR09

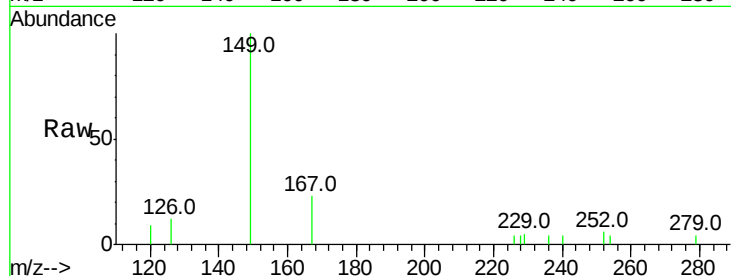
Tot Ion:149 Resp: 4520

Ion Ratio Lower Upper

149 100

167 0.0 19.5 29.3#

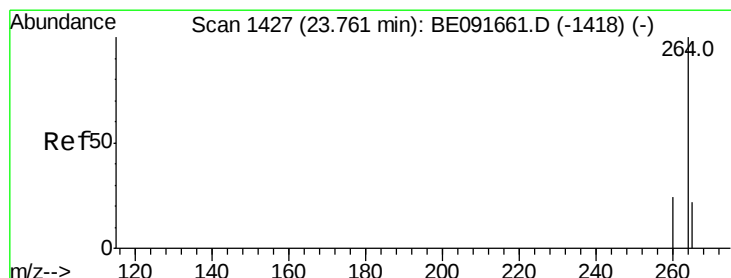
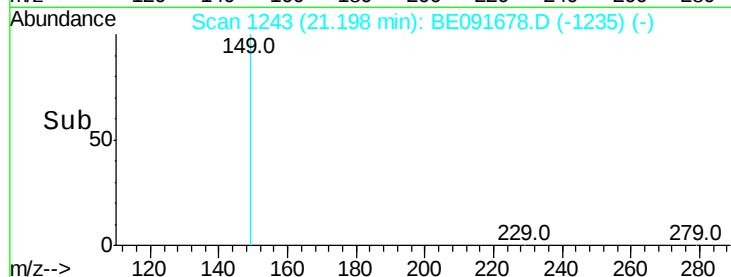
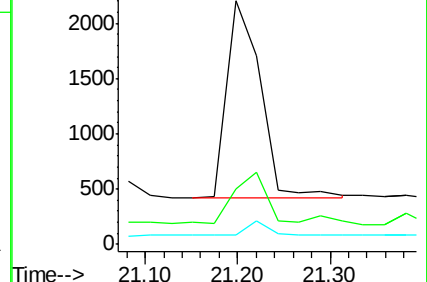
279 0.0 10.0 15.0#



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. -0.01 min

Lab File: BE091678.D

Acq: 19 Apr 2016 00:07

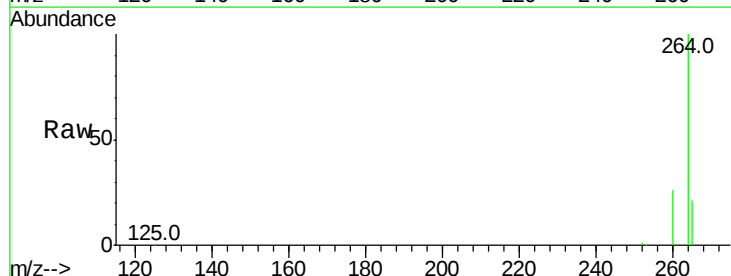
Tgt Ion:264 Resp: 312653

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

265 21.0 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

