

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
 Data File : BE091843.D
 Acq On : 23 May 2016 12:29
 Operator : UM/SJ
 Sample : H3138-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Quant Time: May 24 17:10:59 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

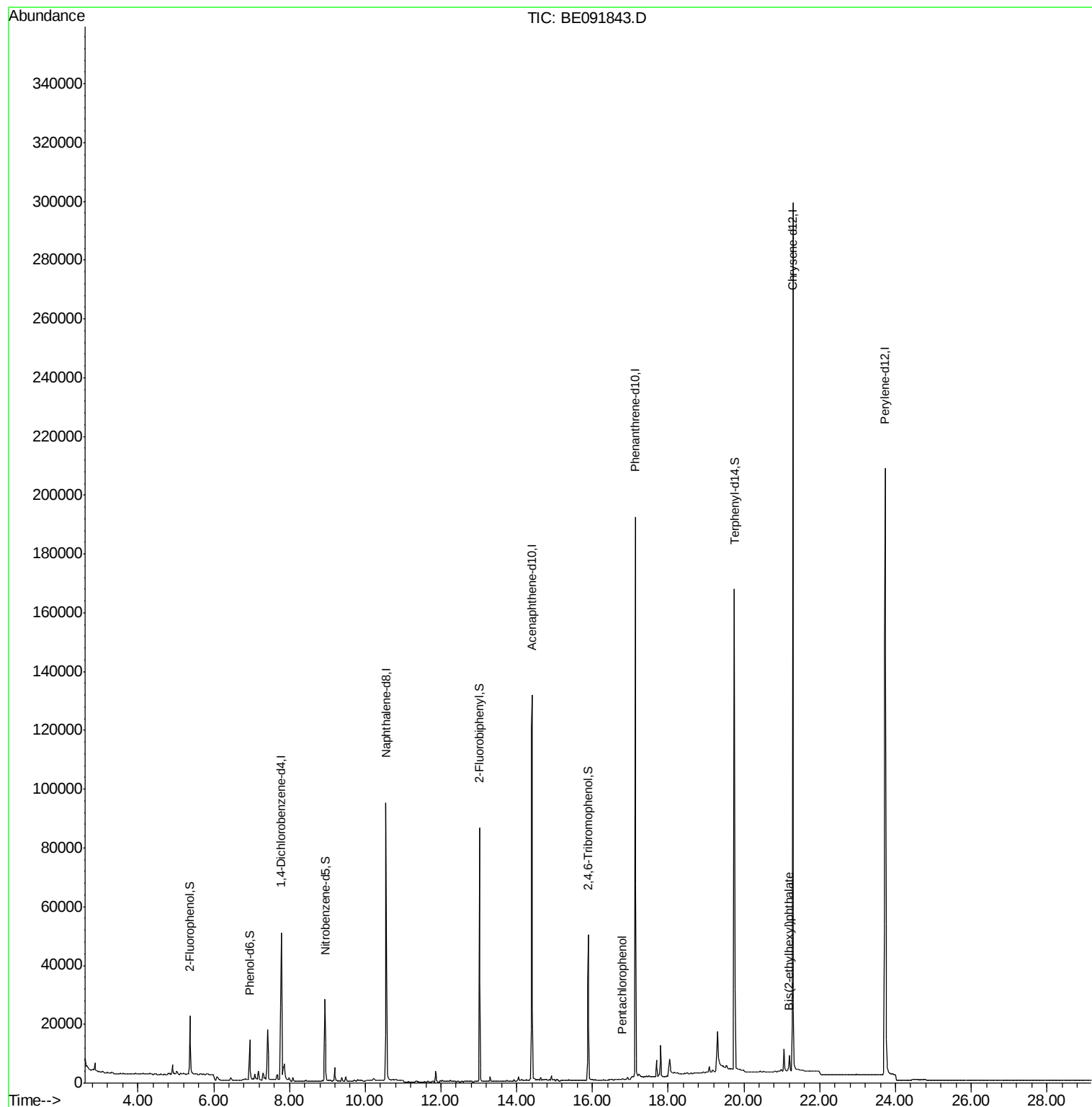
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	26262	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	136336	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	94961	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	244394	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	337099	5.00	ng	-0.02
35) Perylene-d12	23.73	264	298883	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	16696	2.43	ng	-0.02
5) Phenol-d6	6.95	99	16723	1.73	ng	0.00
8) Nitrobenzene-d5	8.94	82	27913	3.09	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	31196	8.46	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	82476	3.07	ng	-0.01
29) Terphenyl-d14	19.74	244	197294	4.13	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.79	266	442	0.11	ng	Qvalue 92
33) Bis(2-ethylhexyl)phthalate	21.20	149	7085	0.39	ng	# 83

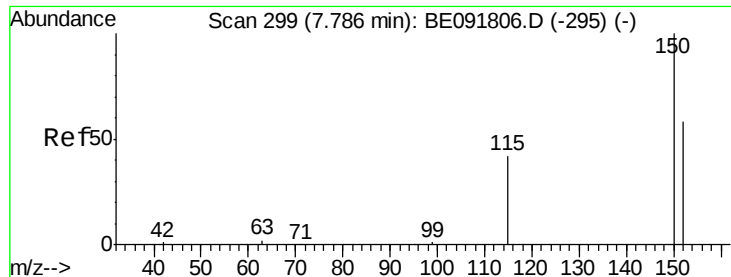
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

Instrument :

BNA_E

ClientSampleId :

MW-1

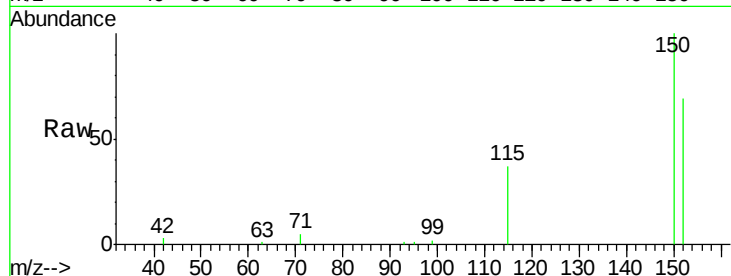
Tgt Ion:152 Resp: 26262

Ion Ratio Lower Upper

152 100

150 145.9 122.6 183.8

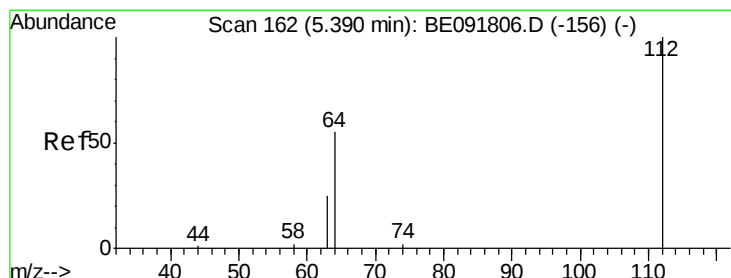
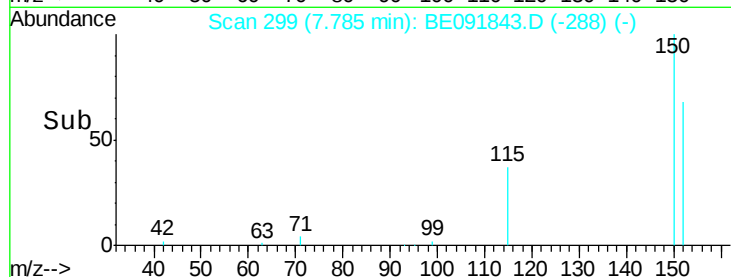
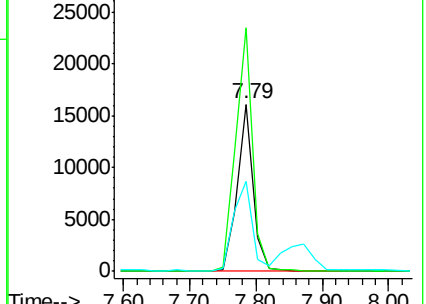
115 54.0 52.8 79.2



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: 2.43 ng

RT: 5.37 min Scan# 161

Delta R.T. -0.02 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

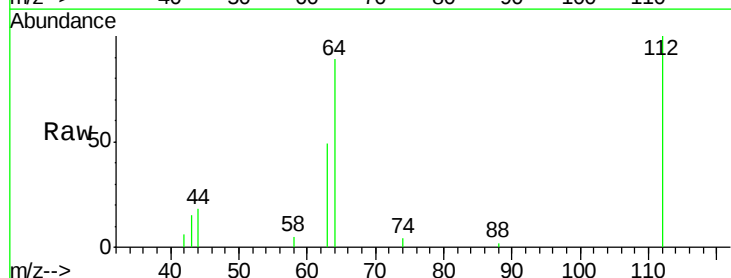
Tgt Ion:112 Resp: 16696

Ion Ratio Lower Upper

112 100

64 67.1 30.9 46.3#

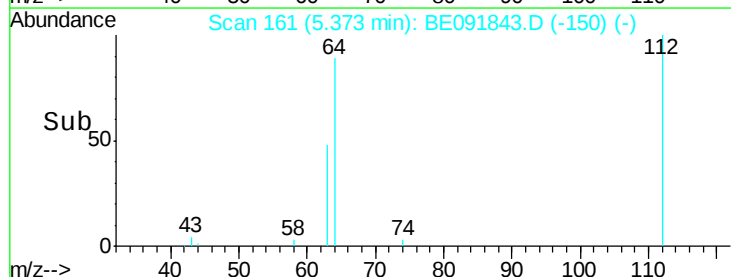
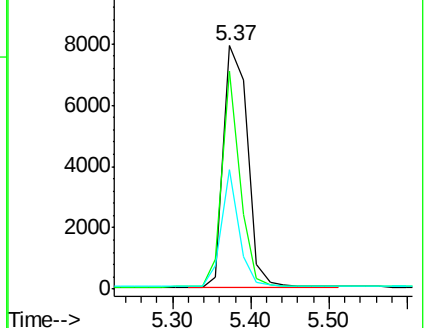
63 35.8 16.7 25.1#

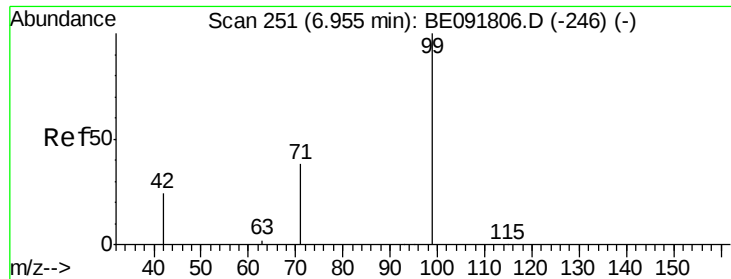


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.73 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

Instrument :

BNA_E

ClientSampleId :

MW-1

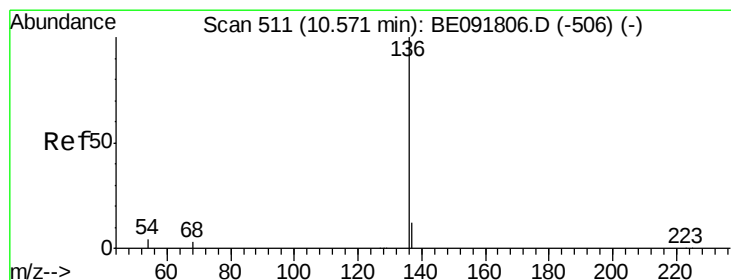
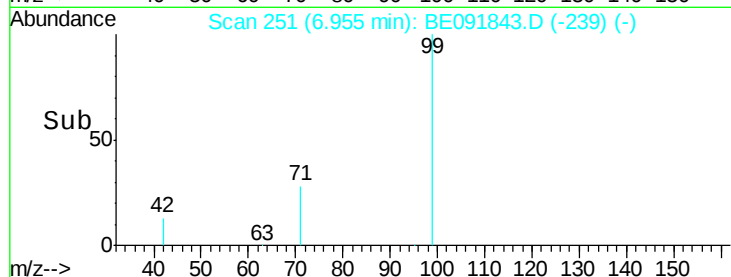
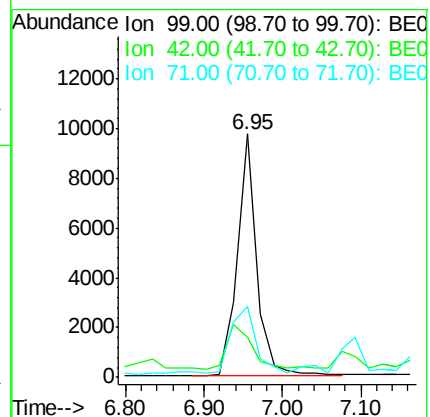
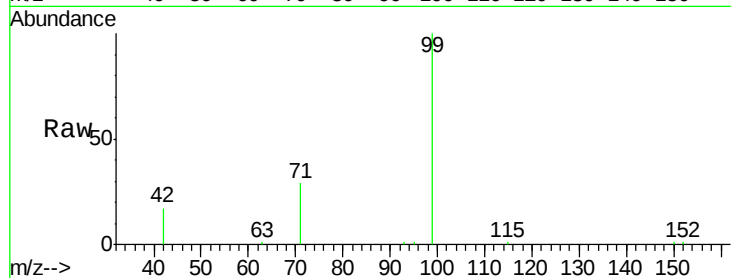
Tgt Ion: 99 Resp: 16723

Ion Ratio Lower Upper

99 100

42 24.0 16.2 24.2

71 38.4 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

Tgt Ion: 136 Resp: 136336

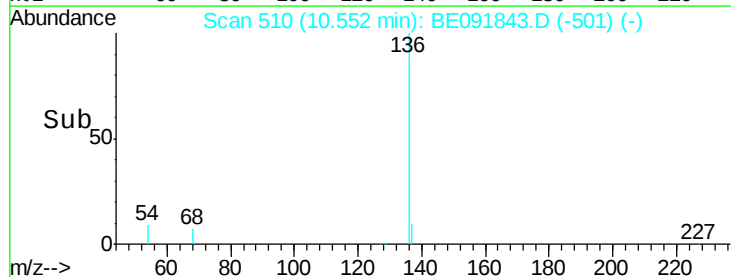
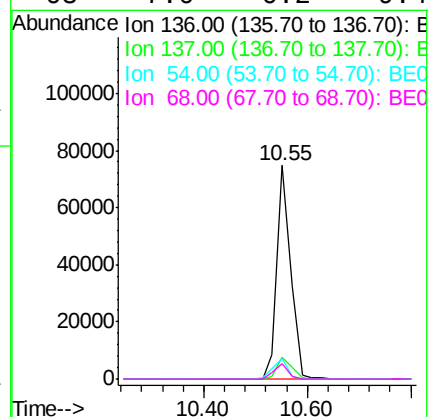
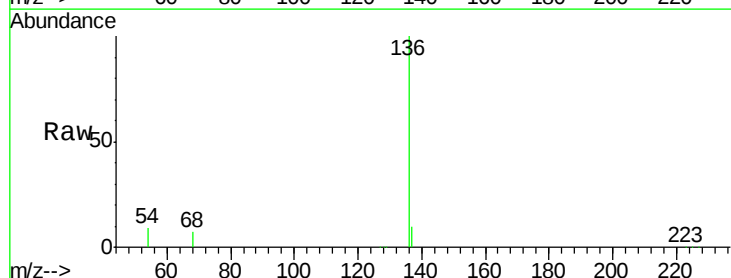
Ion Ratio Lower Upper

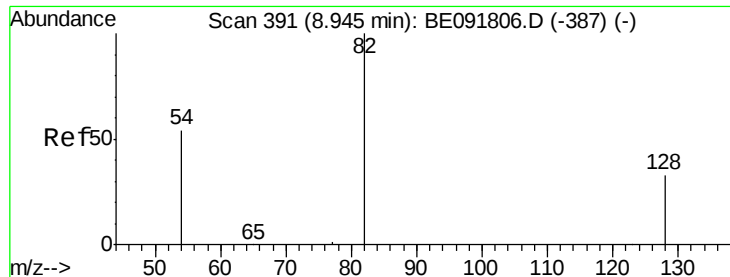
136 100

137 10.4 8.9 13.3

54 9.3 8.2 12.4

68 7.0 6.2 9.4





#8

Nitrobenzene-d5

Concen: 3.09 ng

RT: 8.94 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

Instrument :

BNA_E

ClientSampleId :

MW-1

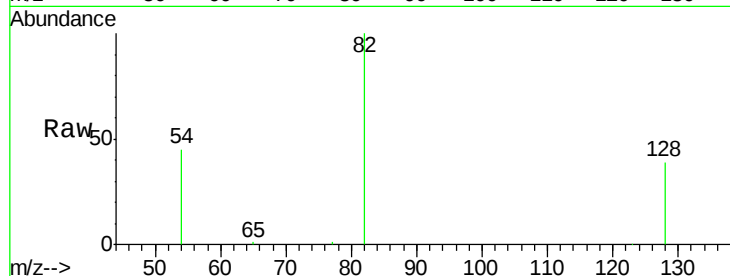
Tgt Ion: 82 Resp: 27913

Ion Ratio Lower Upper

82 100

128 39.0 25.4 38.0#

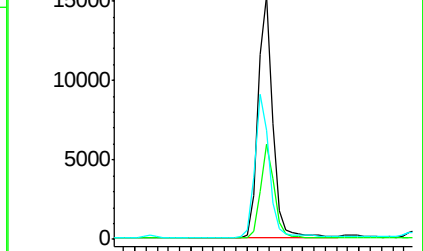
54 44.9 48.4 72.6#



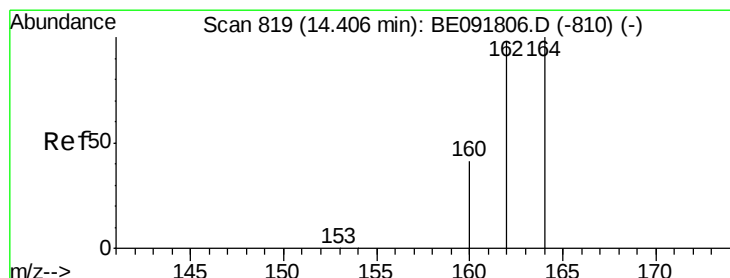
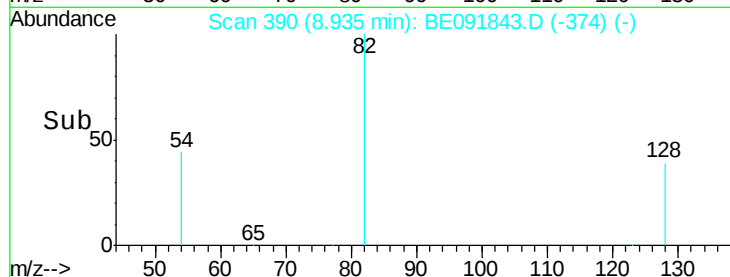
Abundance Ion 82.00 (81.70 to 82.70): BE091806.D (-387) (-)

Ion 128.00 (127.70 to 128.70): BE091806.D (-387) (-)

Ion 54.00 (53.70 to 54.70): BE091806.D (-387) (-)



Time--> 8.70 8.80 8.90 9.00 9.10



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

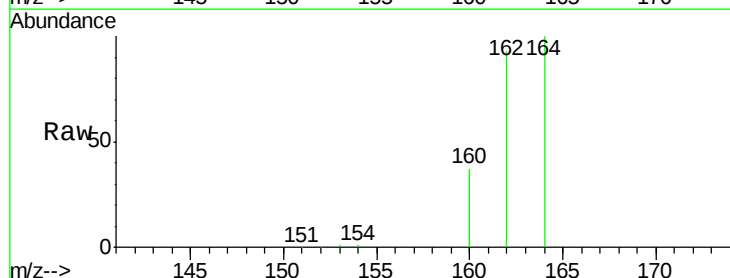
Tgt Ion: 164 Resp: 94961

Ion Ratio Lower Upper

164 100

162 93.0 85.3 127.9

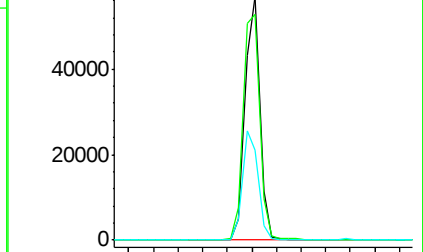
160 36.9 46.2 69.2#



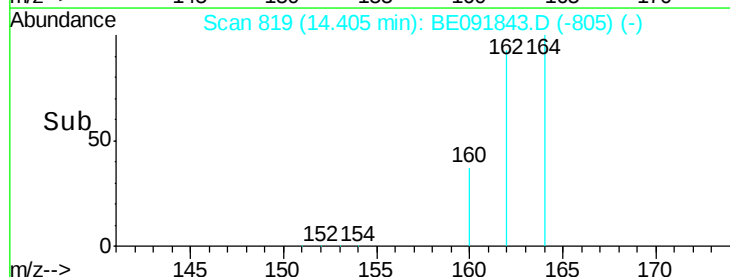
Abundance Ion 164.00 (163.70 to 164.70): BE091806.D (-810) (-)

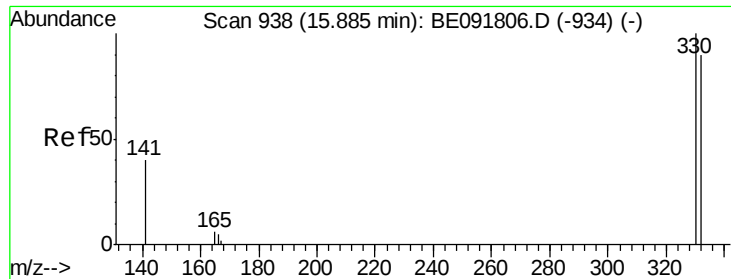
Ion 162.00 (161.70 to 162.70): BE091806.D (-810) (-)

Ion 160.00 (159.70 to 160.70): BE091806.D (-810) (-)



Time--> 14.20 14.40 14.60

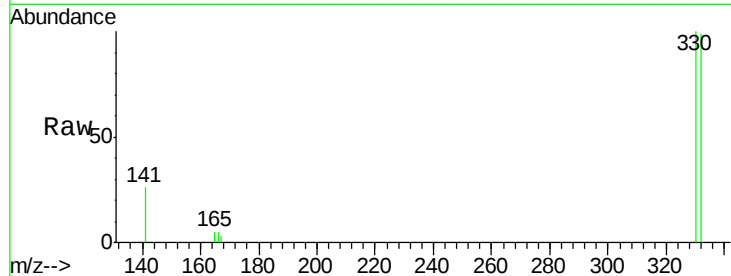




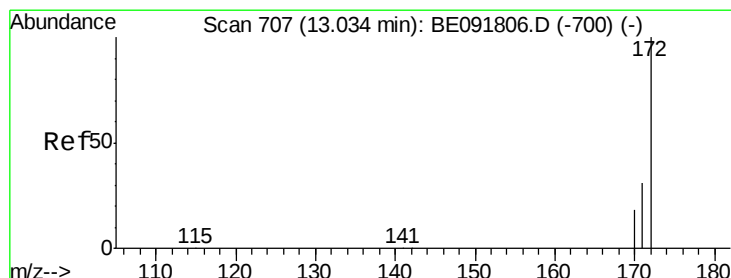
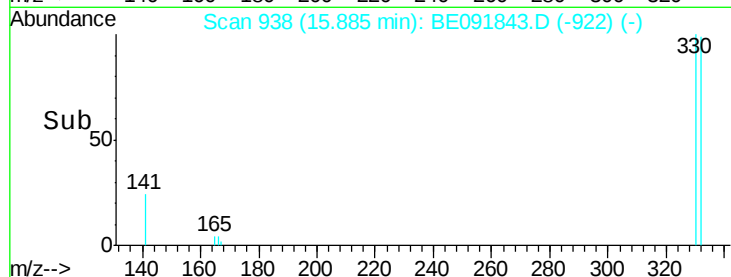
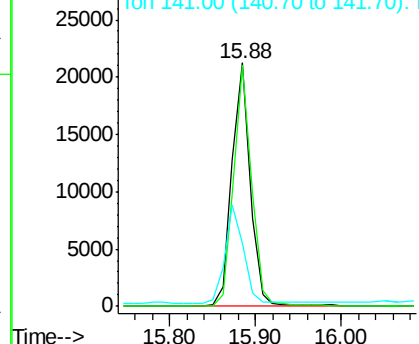
#14
 2,4,6-Tribromophenol
 Concen: 8.46 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091843.D
 Acq: 23 May 2016 12:29

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 31196
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.1 118.7
 141 40.5 125.4 188.0#

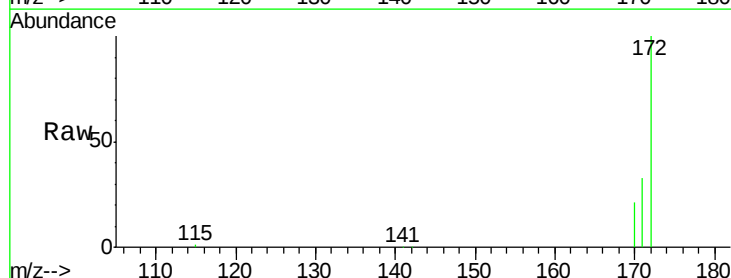


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

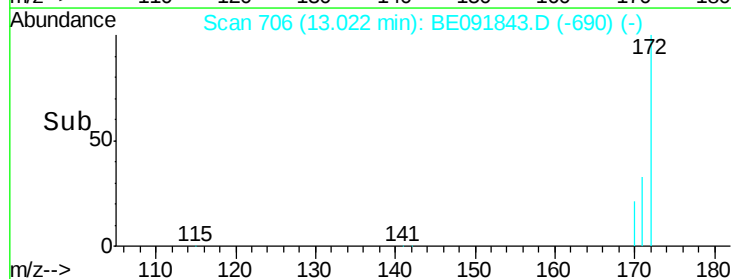
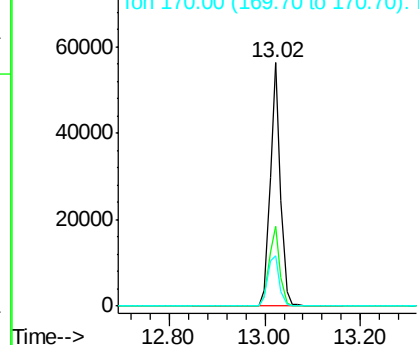


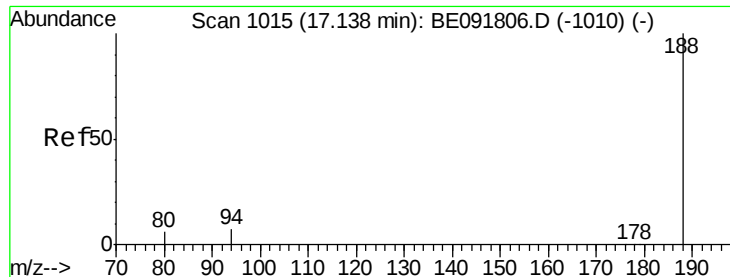
#15
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091843.D
 Acq: 23 May 2016 12:29

Tgt Ion:172 Resp: 82476
 Ion Ratio Lower Upper
 172 100
 171 32.7 28.8 43.2
 170 20.7 19.3 28.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

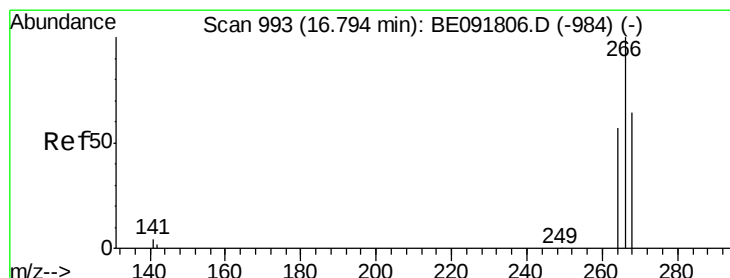
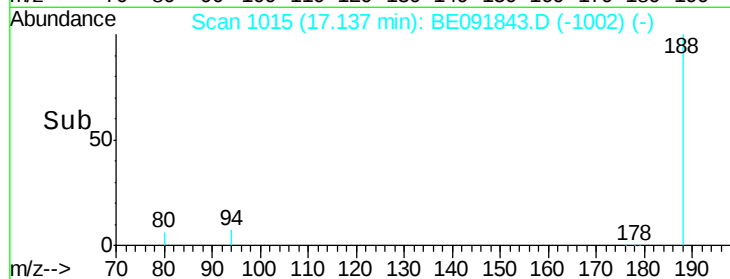
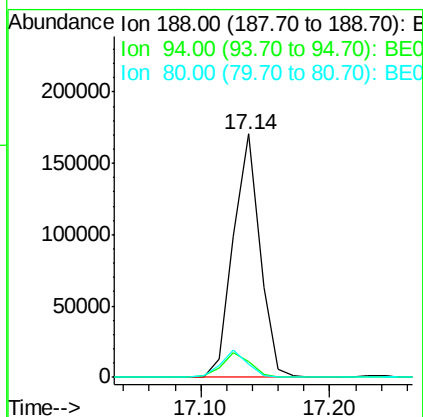
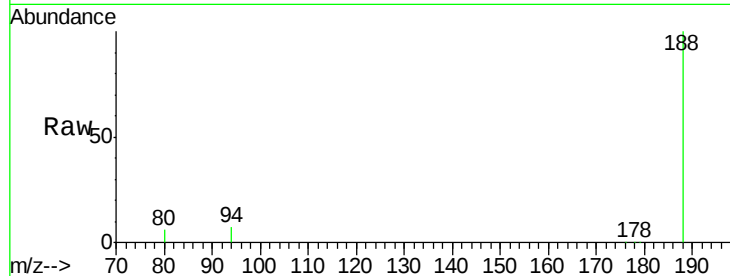




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091843.D
Acq: 23 May 2016 12:29

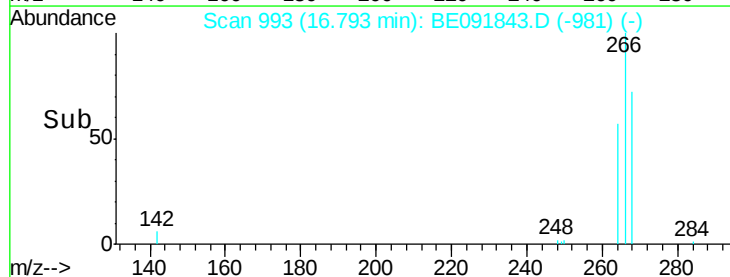
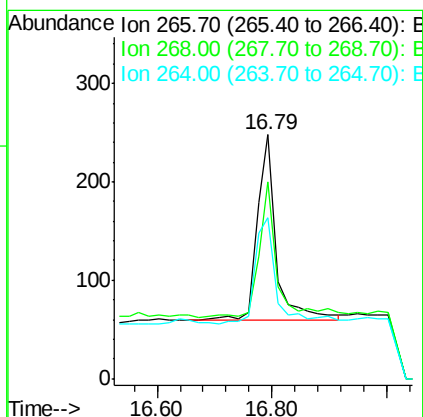
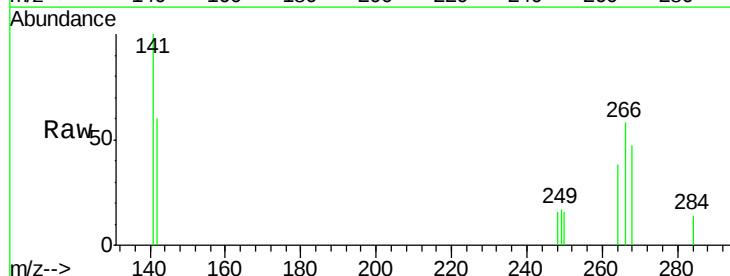
Instrument :
BNA_E
ClientSampleId :
MW-1

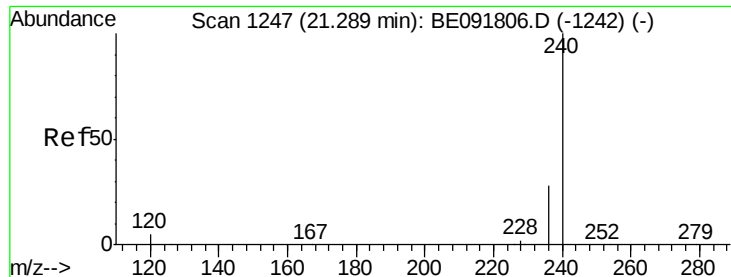
Tgt Ion:188 Resp: 244394
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 5.7 9.4 14.0#



#22
Pentachlorophenol
Concen: 0.11 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091843.D
Acq: 23 May 2016 12:29

Tgt Ion:266 Resp: 442
Ion Ratio Lower Upper
266 100
268 80.6 58.2 87.2
264 65.7 56.2 84.4

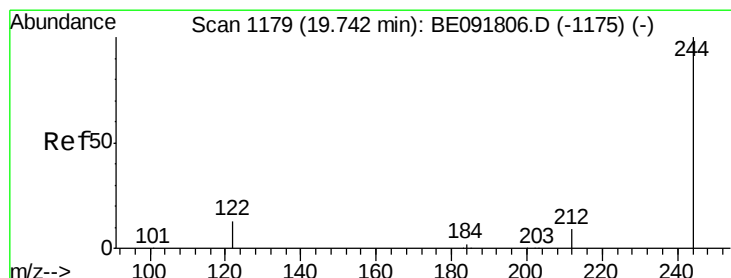
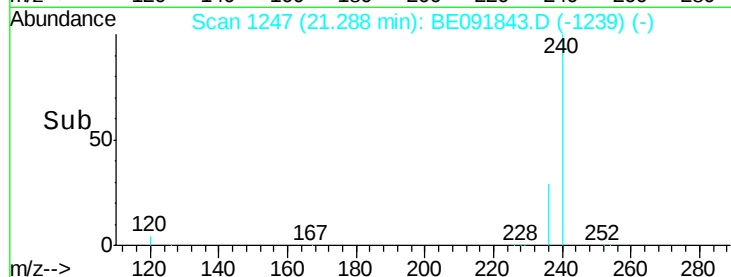
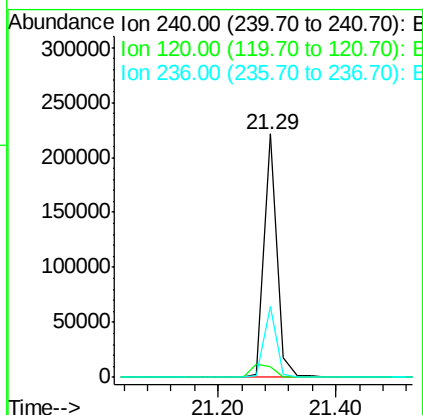
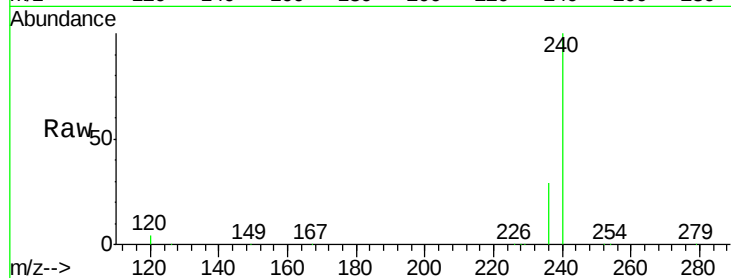




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BE091843.D
 Acq: 23 May 2016 12:29

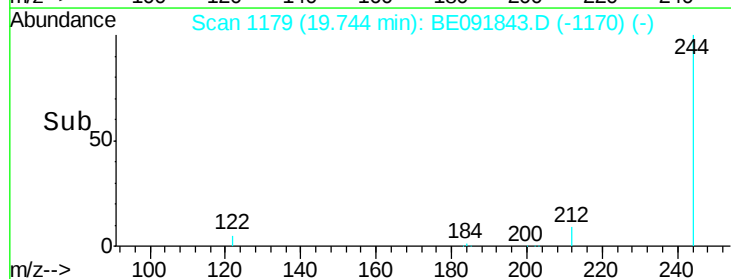
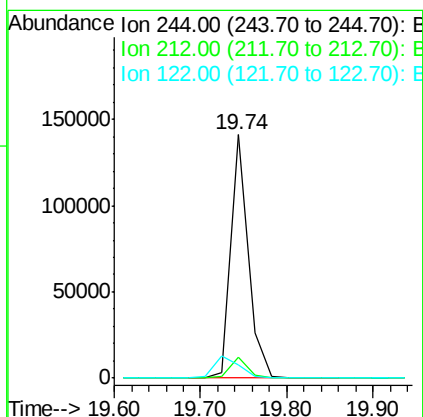
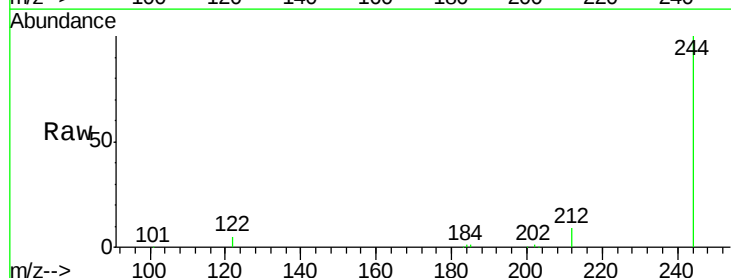
Instrument :
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 MW-1

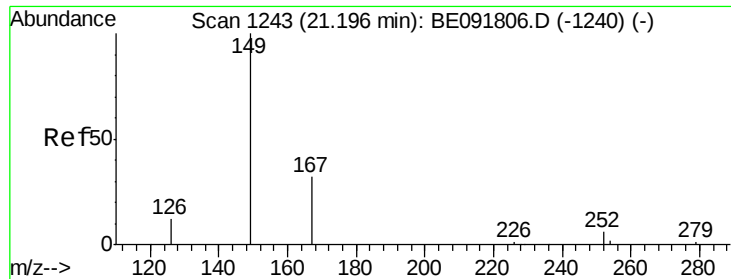
Tgt Ion: 240 Resp: 337099
 Ion Ratio Lower Upper
 240 100
 120 4.3 11.0 16.4#
 236 28.9 21.7 32.5



#29
 Terphenyl-d14
 Concen: 4.13 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091843.D
 Acq: 23 May 2016 12:29

Tgt Ion: 244 Resp: 197294
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 5.3 11.0 16.4#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

Instrument :

BNA_E

ClientSampleId :

MW-1

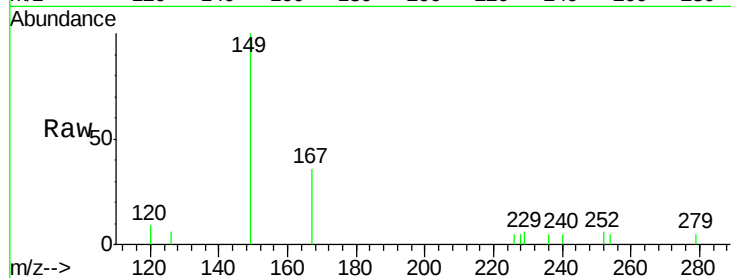
Tgt Ion:149 Resp: 7085

Ion Ratio Lower Upper

149 100

167 31.2 19.5 29.3#

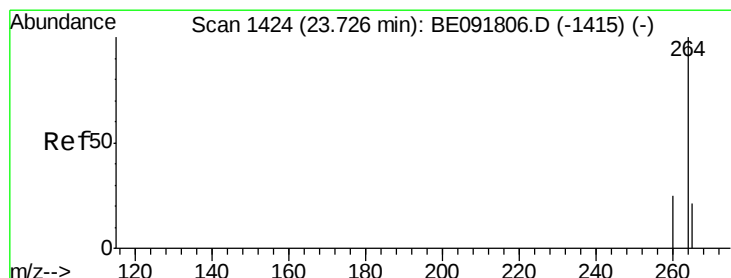
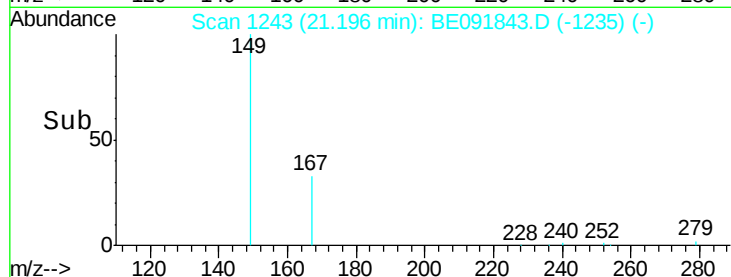
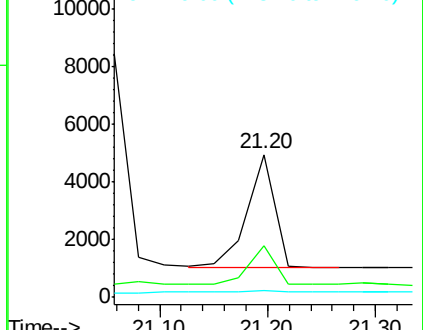
279 3.0 10.0 15.0#



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: 23.73 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BE091843.D

Acq: 23 May 2016 12:29

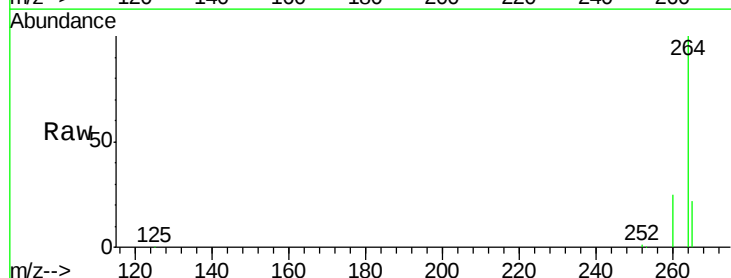
Tgt Ion:264 Resp: 298883

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 22.2 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

