

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051016\
 Data File : BE091763.D
 Acq On : 10 May 2016 19:17
 Operator : UM/SJ
 Sample : H2912-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-003

Quant Time: May 11 01:30:57 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

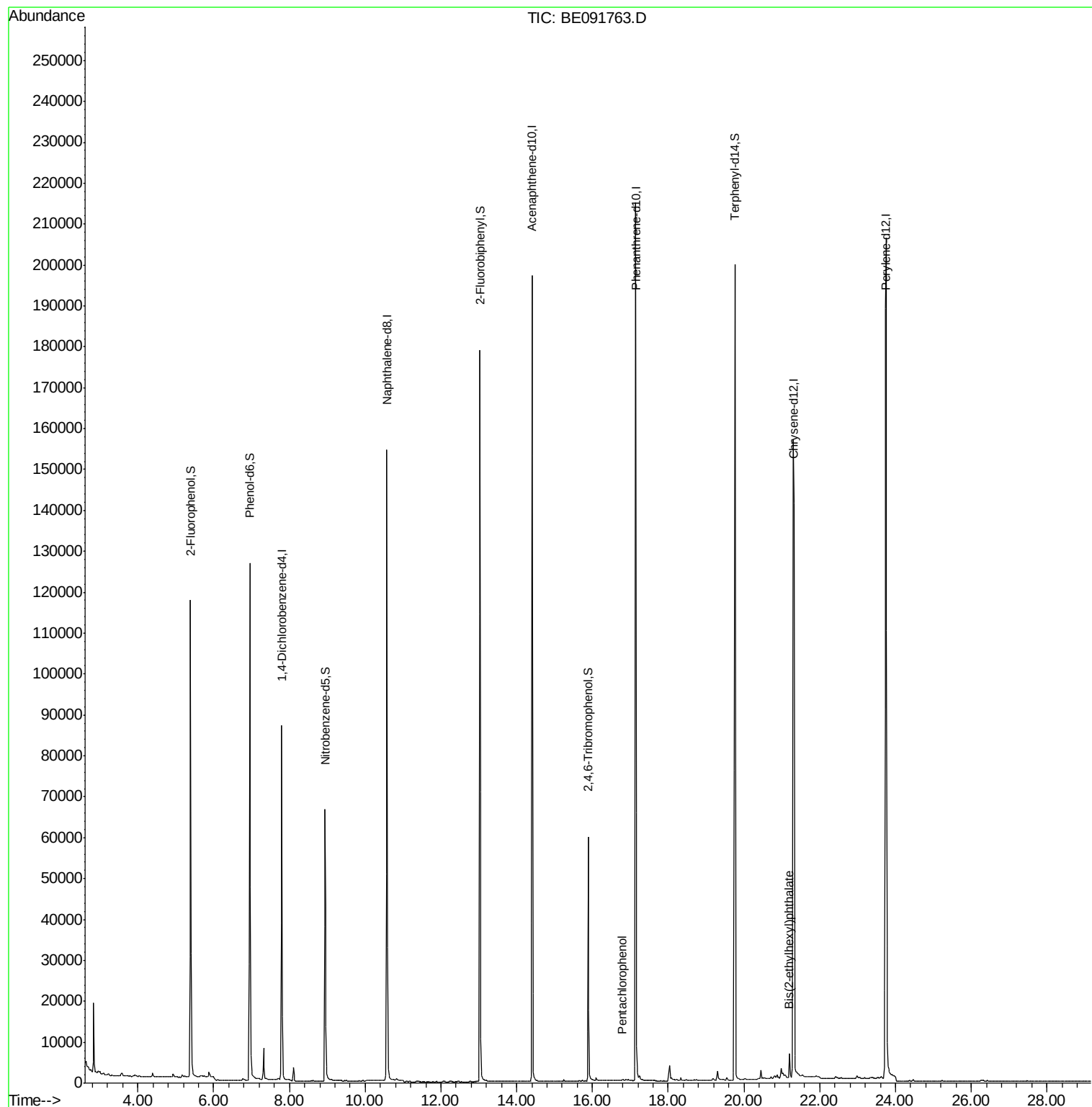
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45789	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	221031	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	133337	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	351826	5.00	ng	0.00
26) Chrysene-d12	21.31	240	301050	5.00	ng	0.00
35) Perylene-d12	23.75	264	319252	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	90957	8.09	ng	0.00
5) Phenol-d6	6.95	99	139069	9.32	ng	0.00
8) Nitrobenzene-d5	8.95	82	62810	4.40	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	41792	8.41	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	176855	4.69	ng	0.00
29) Terphenyl-d14	19.76	244	266671	5.68	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.79	266	507	0.17	ng	Qvalue 93
33) Bis(2-ethylhexyl)phthalate	21.20	149	7357	0.33	ng	# 86

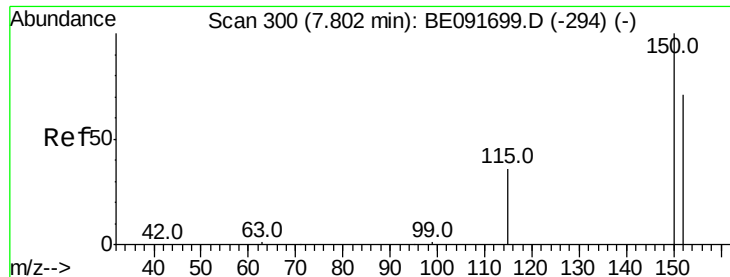
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091763.D

Acq: 10 May 2016 19:17

Instrument :

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ClientSampleId :

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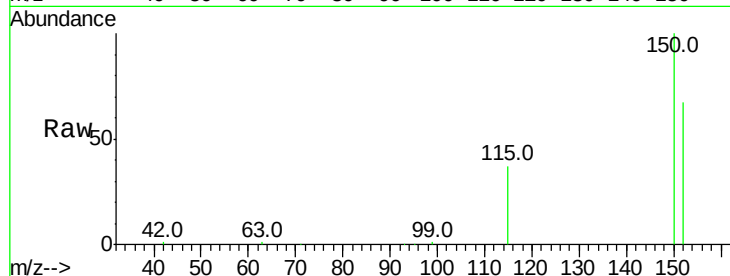
Tot Ion:152 Resp: 45789

Ion Ratio Lower Upper

152 100

150 148.8 122.6 183.8

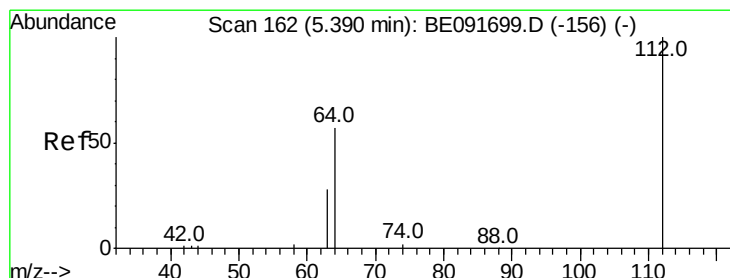
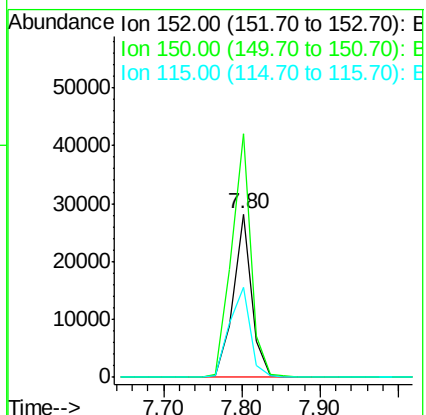
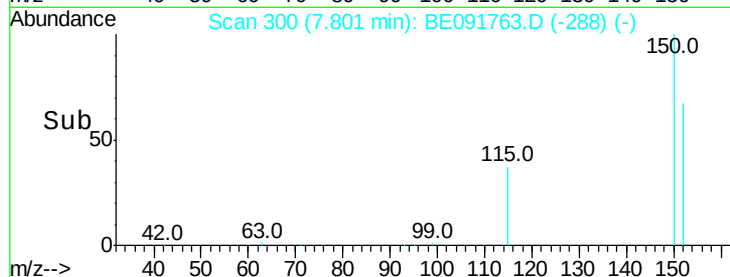
115 55.3 52.8 79.2



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: 8.09 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

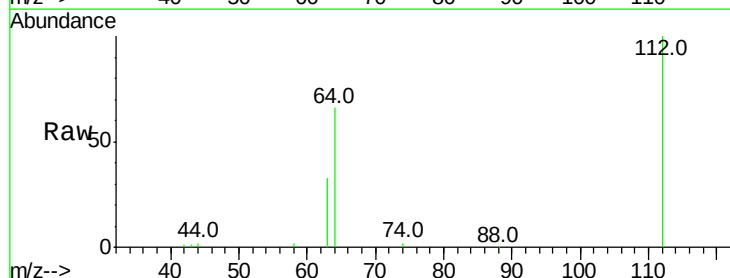
Tgt Ion:112 Resp: 90957

Ion Ratio Lower Upper

112 100

64 66.1 30.9 46.3#

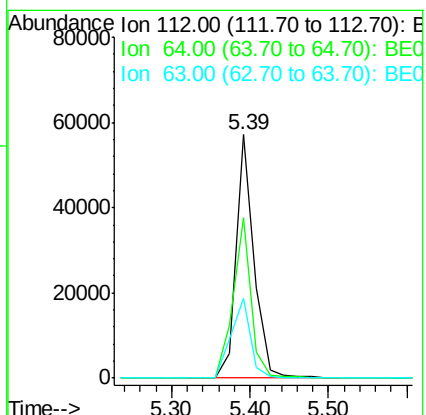
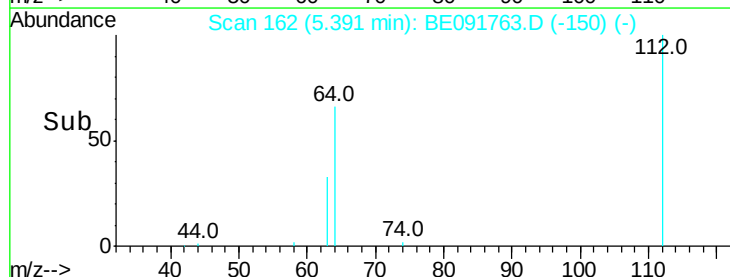
63 35.7 16.7 25.1#

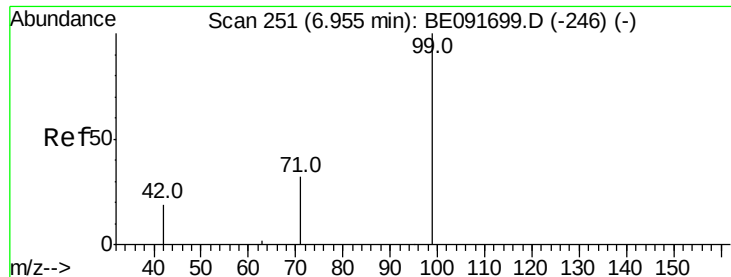


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.32 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-003

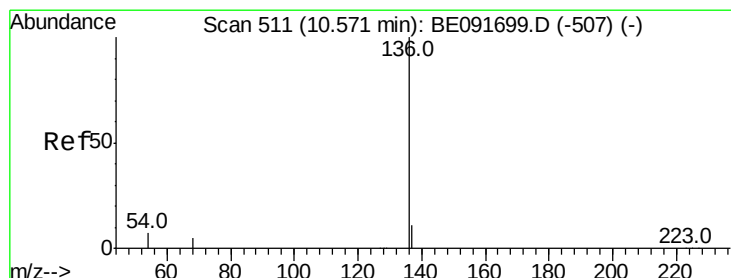
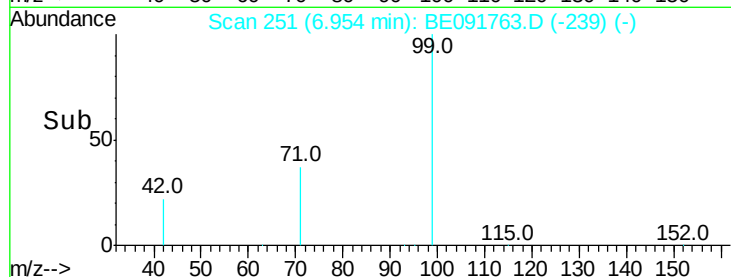
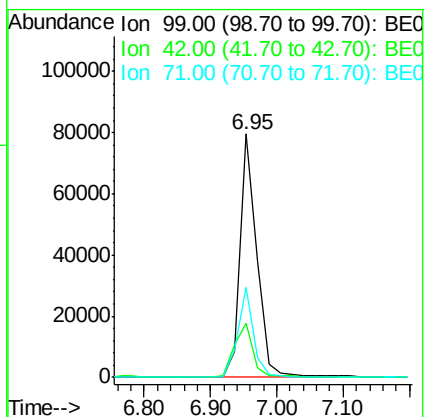
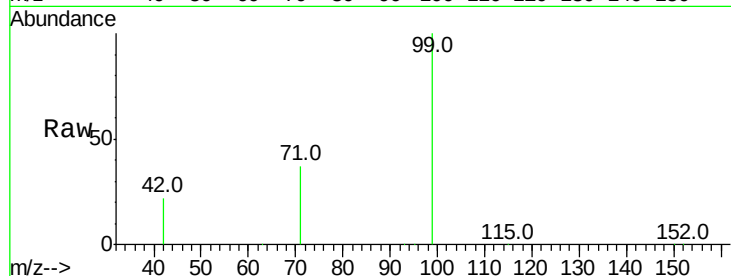
Tot Ion: 99 Resp: 139069

Ion Ratio Lower Upper

99 100

42 24.0 16.2 24.2

71 35.0 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

Tgt Ion: 136 Resp: 221031

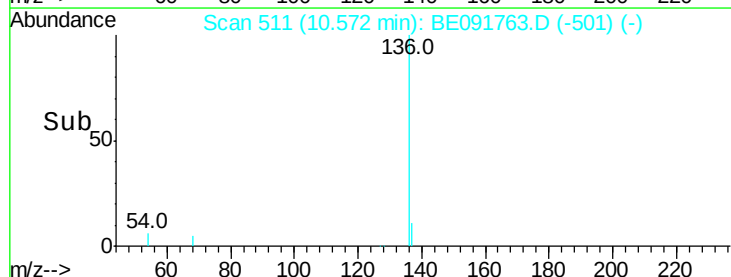
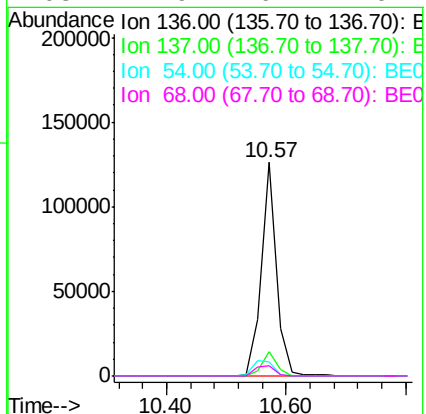
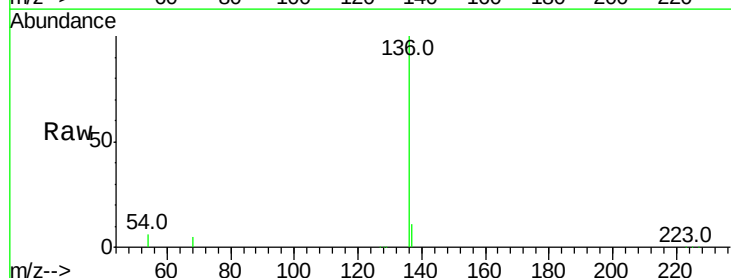
Ion Ratio Lower Upper

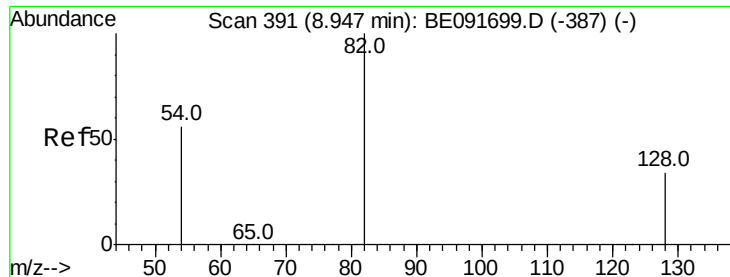
136 100

137 11.1 8.9 13.3

54 6.5 8.2 12.4#

68 4.9 6.2 9.4#





#8

Nitrobenzene-d5

Concen: 4.40 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-003

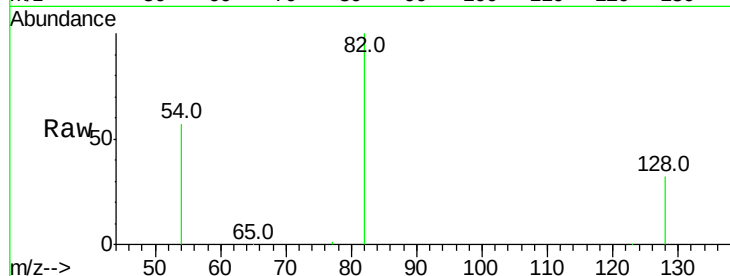
Tot Ion: 82 Resp: 62810

Ion Ratio Lower Upper

82 100

128 31.9 25.4 38.0

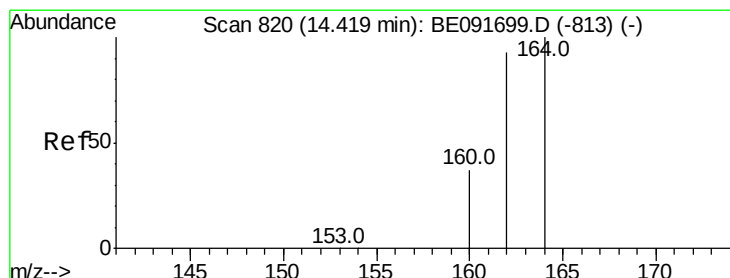
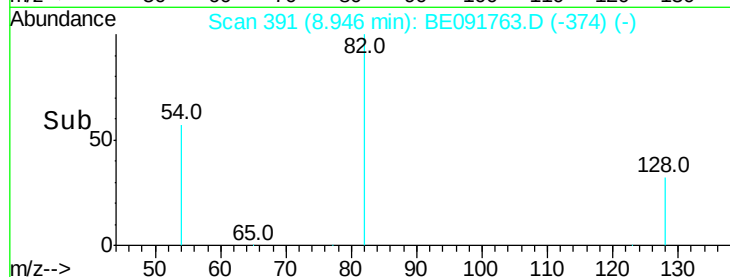
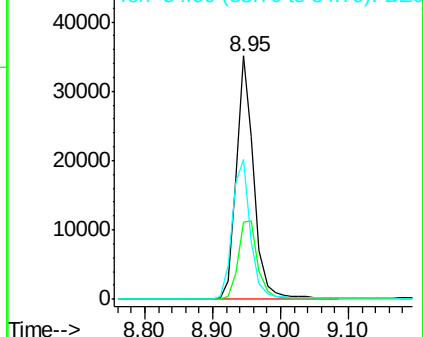
54 57.4 48.4 72.6



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: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

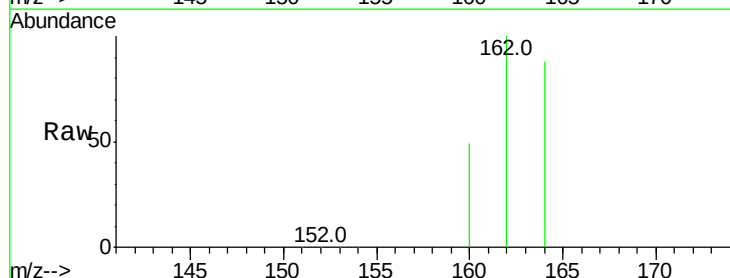
Tgt Ion: 164 Resp: 133337

Ion Ratio Lower Upper

164 100

162 113.7 85.3 127.9

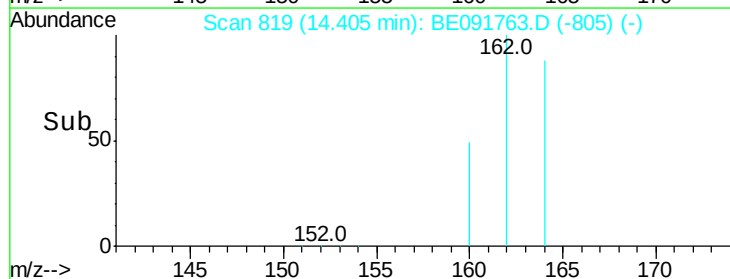
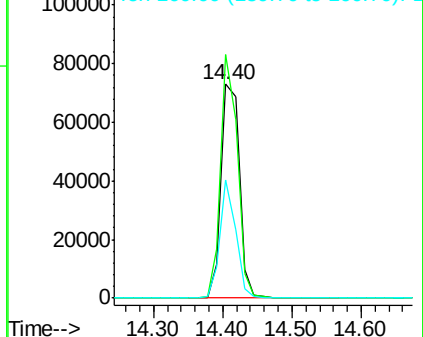
160 55.5 46.2 69.2

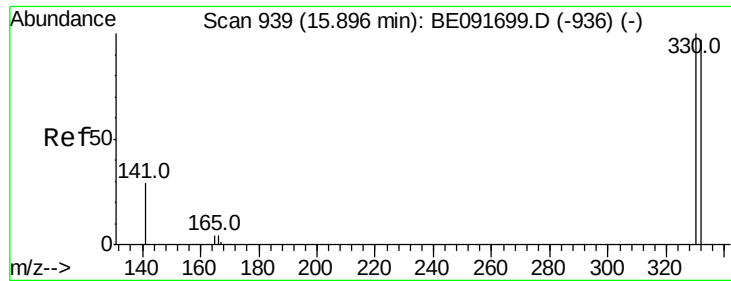


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

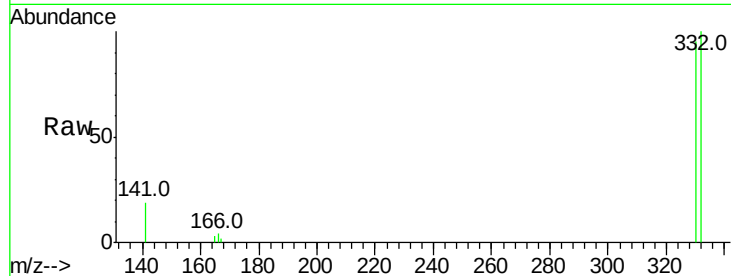




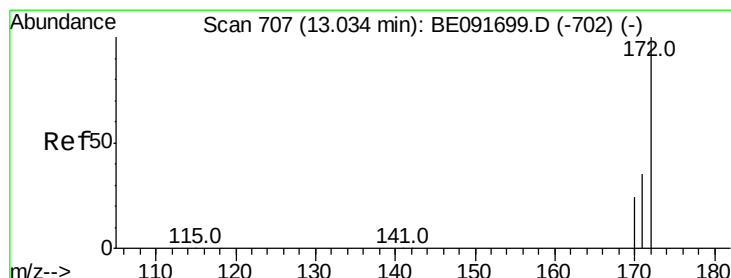
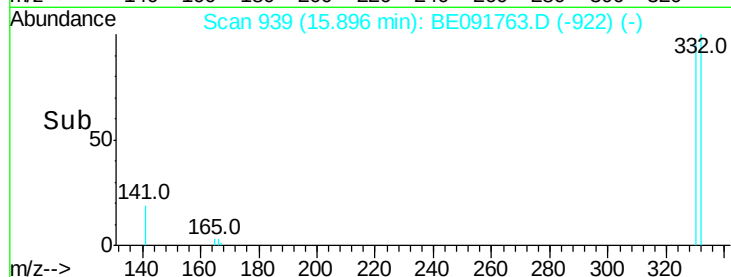
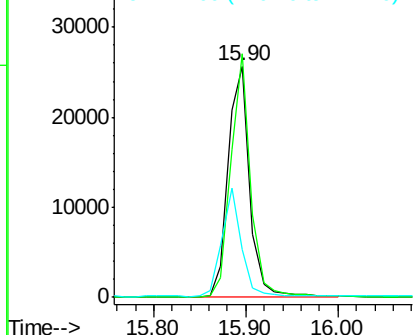
#14
 2,4,6-Tribromophenol
 Concen: 8.41 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BE091763.D
 Acq: 10 May 2016 19:17

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-003

Tot Ion:330 Resp: 41792
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.1 118.7
 141 42.3 125.4 188.0#

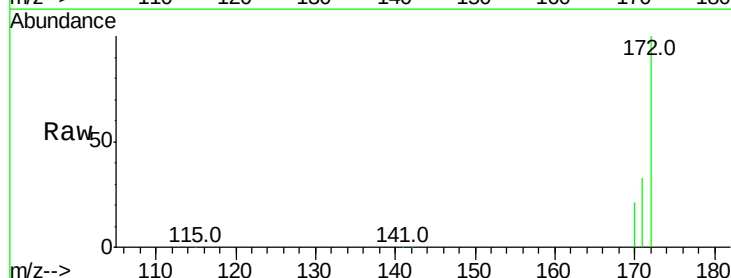


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

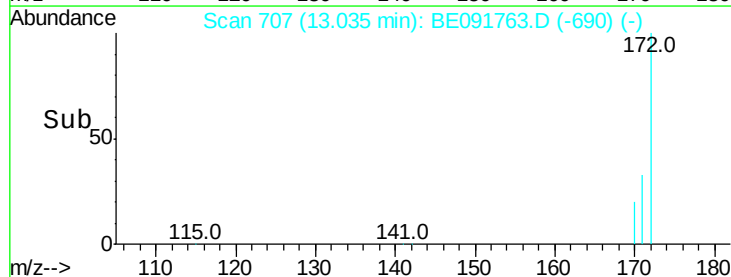
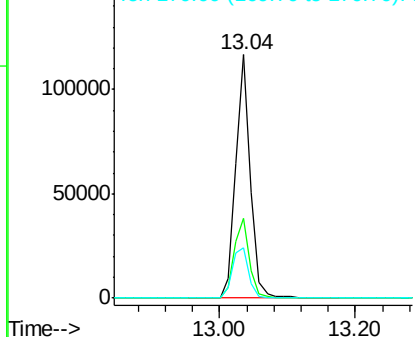


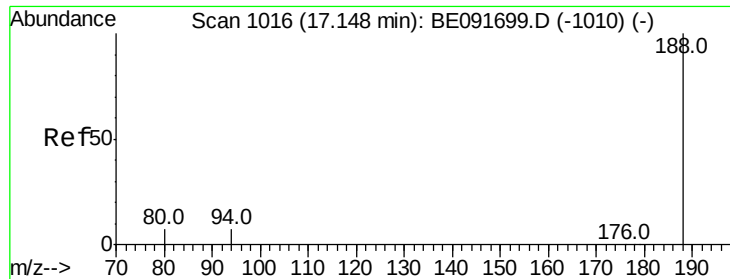
#15
 2-Fluorobiphenyl
 Concen: 4.69 ng
 RT: 13.04 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091763.D
 Acq: 10 May 2016 19:17

Tgt Ion:172 Resp: 176855
 Ion Ratio Lower Upper
 172 100
 171 32.5 28.8 43.2
 170 20.5 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: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-003

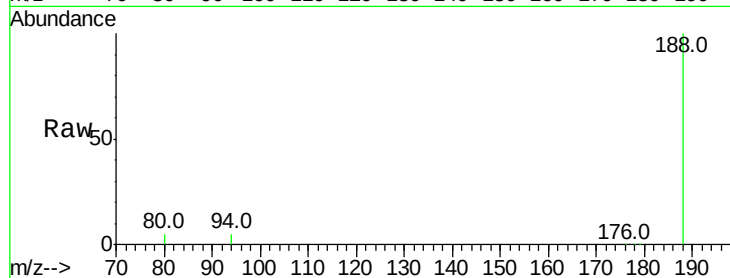
Tot Ion:188 Resp: 351826

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

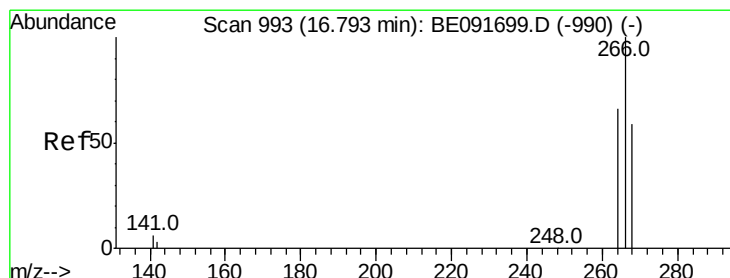
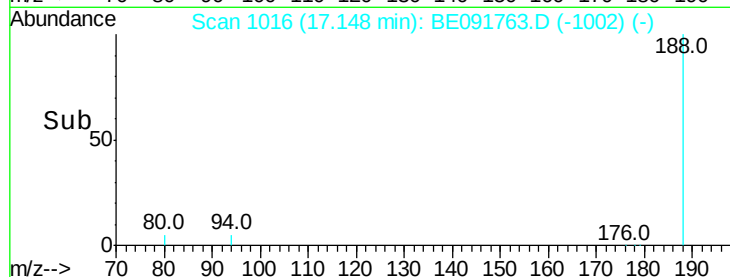
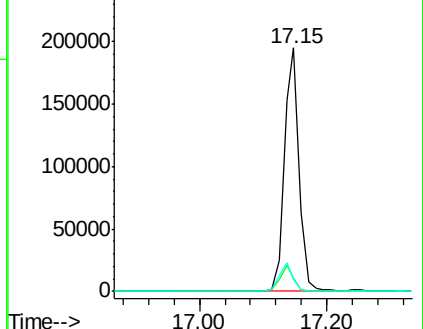
80 4.7 9.4 14.0#



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



#22

Pentachlorophenol

Concen: 0.17 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

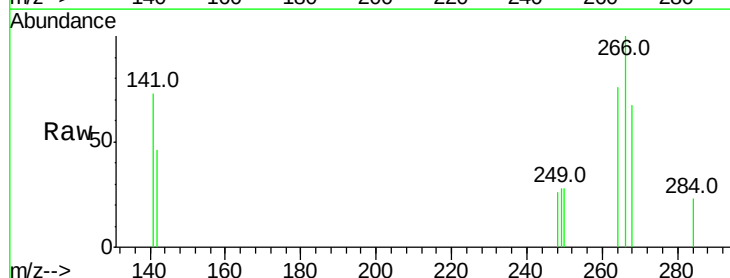
Tgt Ion:266 Resp: 507

Ion Ratio Lower Upper

266 100

268 66.8 58.2 87.2

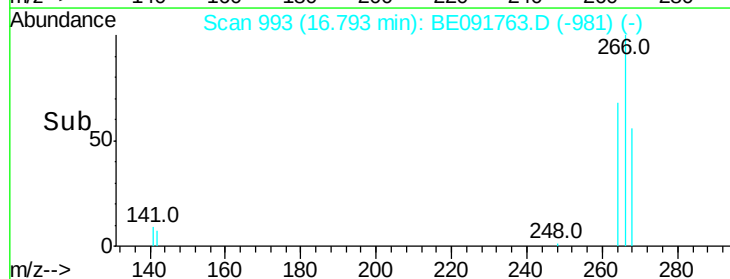
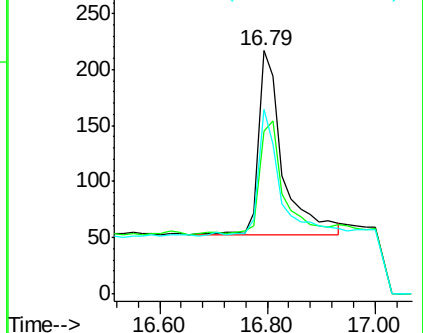
264 75.6 56.2 84.4

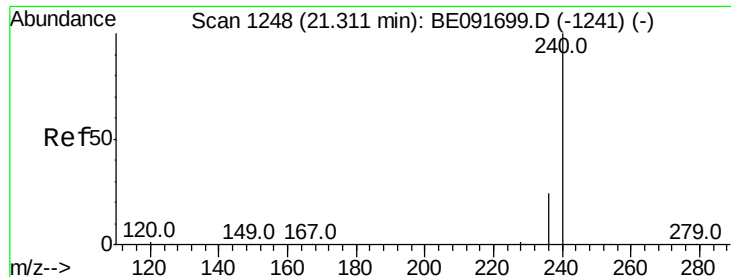


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

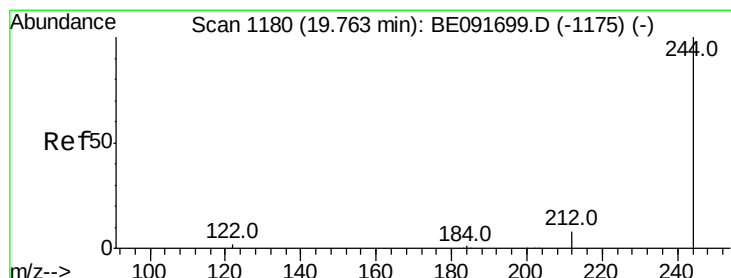
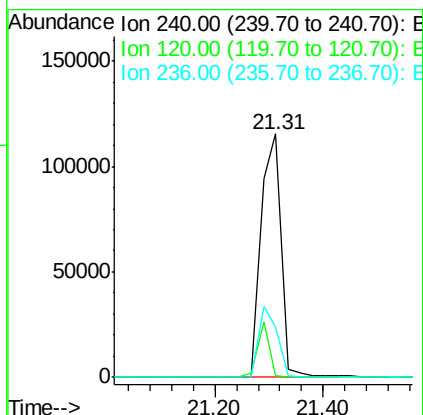
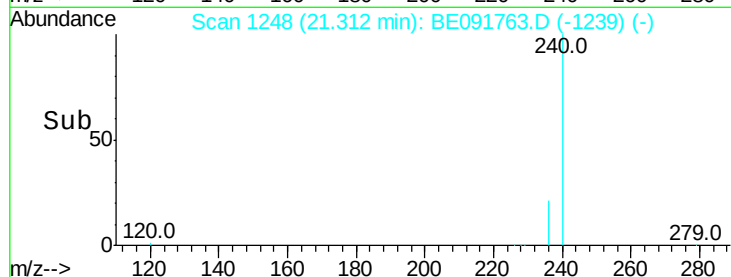
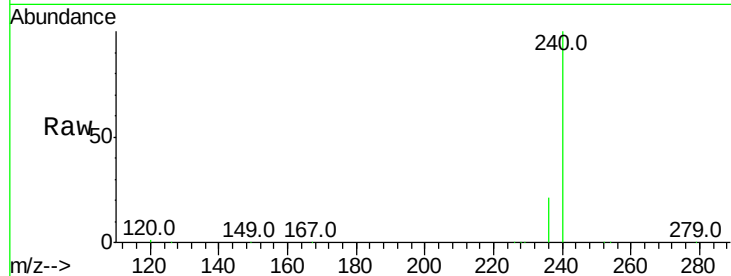




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091763.D
 Acq: 10 May 2016 19:17

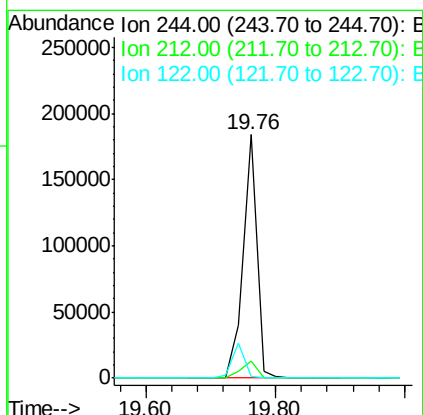
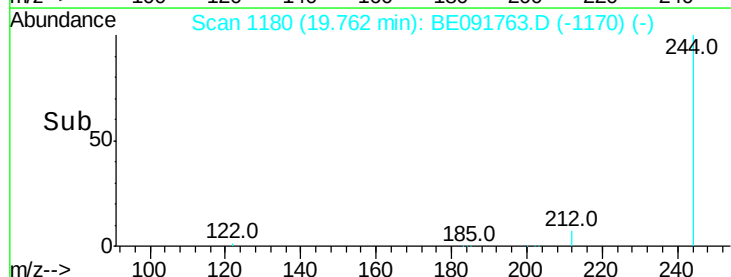
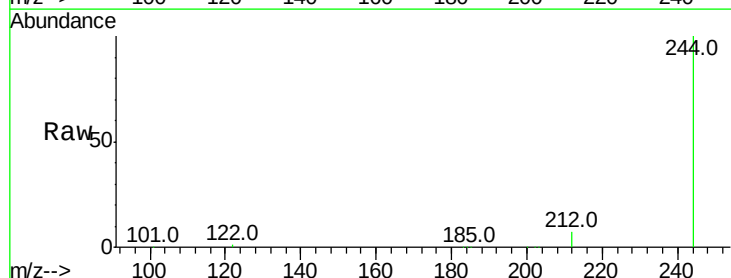
Instrument :
 BNA_E
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 CEDAR-HILL-TF-PS-003

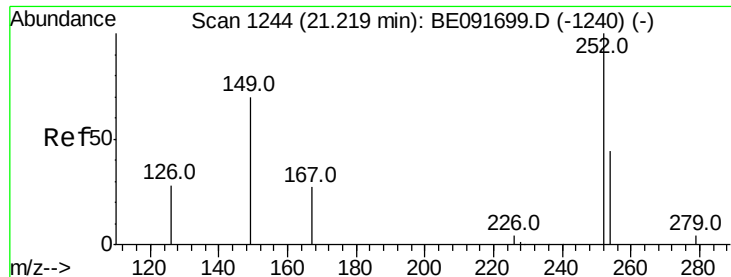
Tot Ion:240 Resp: 301050
 Ion Ratio Lower Upper
 240 100
 120 0.9 11.0 16.4#
 236 20.7 21.7 32.5#



#29
 Terphenyl-d14
 Concen: 5.68 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091763.D
 Acq: 10 May 2016 19:17

Tgt Ion:244 Resp: 266671
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.9 10.3#
 122 0.9 11.0 16.4#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091763.D

Acq: 10 May 2016 19:17

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-003

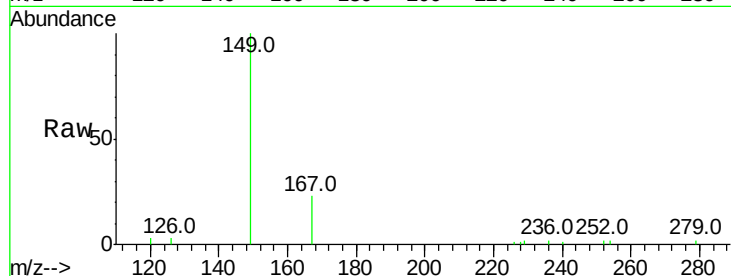
Tot Ion:149 Resp: 7357

Ion Ratio Lower Upper

149 100

167 22.3 19.5 29.3

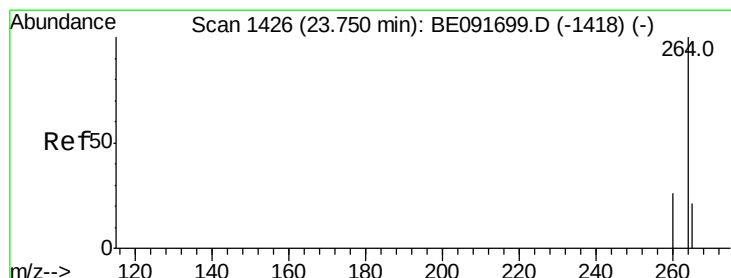
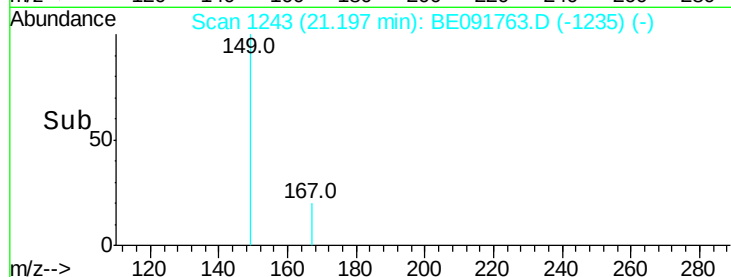
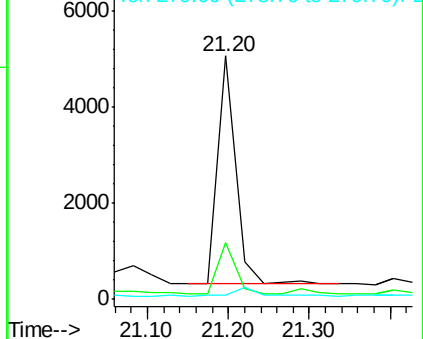
279 0.0 10.0 15.0#



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: BE091763.D

Acq: 10 May 2016 19:17

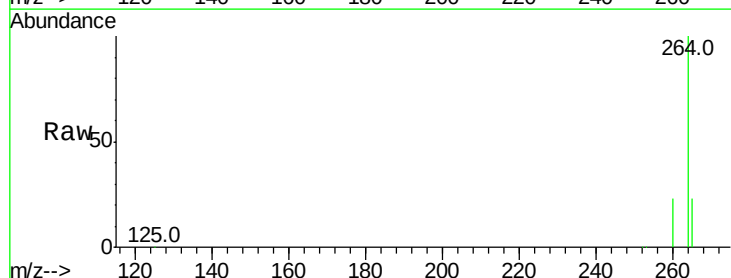
Tgt Ion:264 Resp: 319252

Ion Ratio Lower Upper

264 100

260 23.4 20.0 30.0

265 22.5 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

