

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
 Data File : BE091776.D
 Acq On : 16 May 2016 16:37
 Operator : UM/SJ
 Sample : H3084-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW003-160512

Quant Time: May 17 04:28:46 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

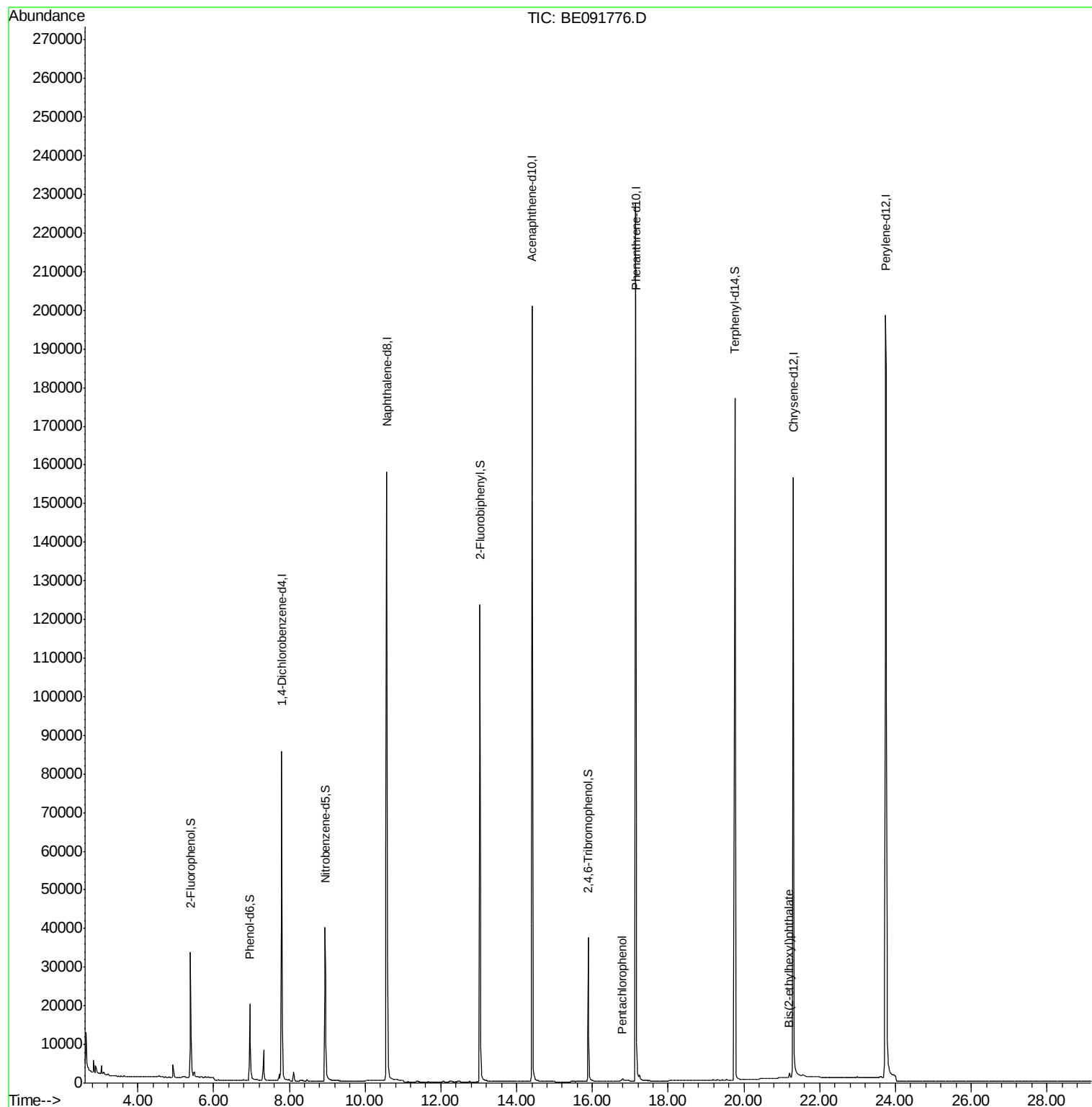
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47616	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	231814	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	135937	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	323669	5.00	ng	0.00
26) Chrysene-d12	21.31	240	315078	5.00	ng	0.00
35) Perylene-d12	23.74	264	321207	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	26421	2.26	ng	0.00
5) Phenol-d6	6.95	99	24758	1.60	ng	0.00
8) Nitrobenzene-d5	8.95	82	40732	2.72	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	28715	5.72	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	129739	3.37	ng	0.00
29) Terphenyl-d14	19.76	244	245781	5.00	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.79	266	981	0.25	ng	Qvalue 96
33) Bis(2-ethylhexyl)phthalate	21.20	149	1797	0.08	ng	# 88

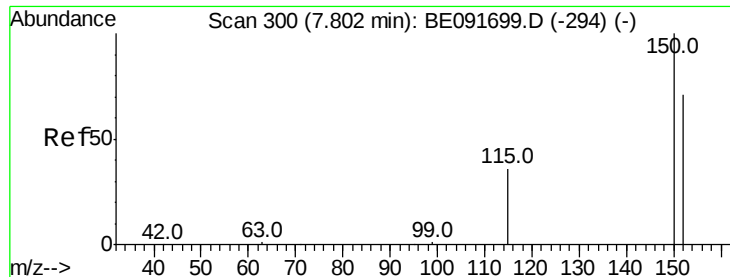
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091776.D

Acq: 16 May 2016 16:37

Instrument :

BNA_E

ClientSampleId :

LF017MW003-160512

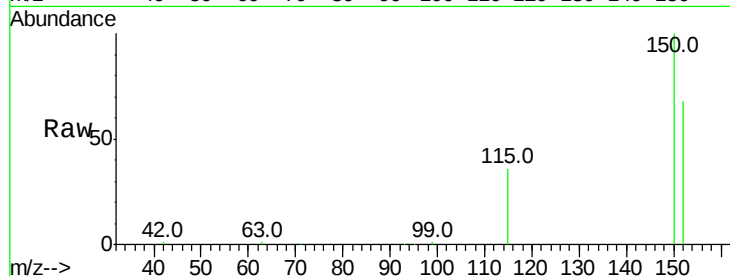
Tot Ion:152 Resp: 47616

Ion Ratio Lower Upper

152 100

150 146.2 122.6 183.8

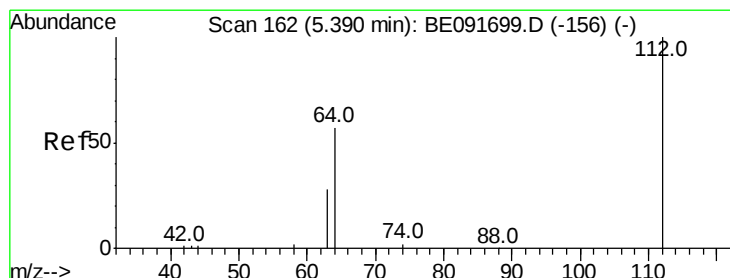
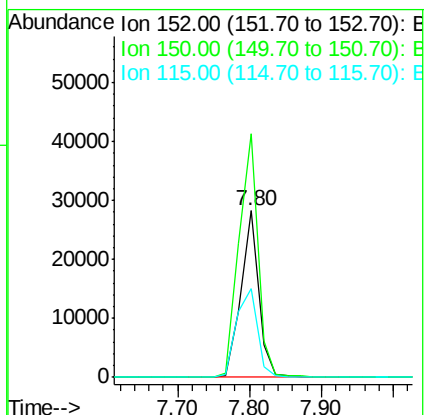
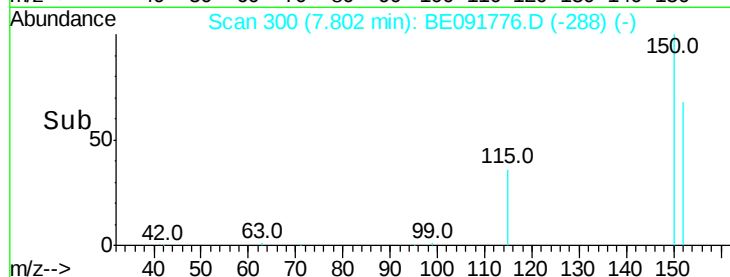
115 53.3 52.8 79.2



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: 2.26 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091776.D

Acq: 16 May 2016 16:37

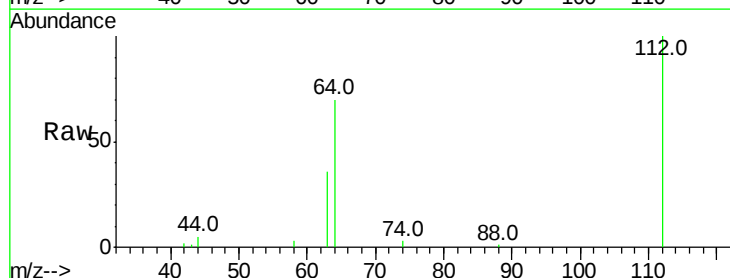
Tgt Ion:112 Resp: 26421

Ion Ratio Lower Upper

112 100

64 66.8 30.9 46.3#

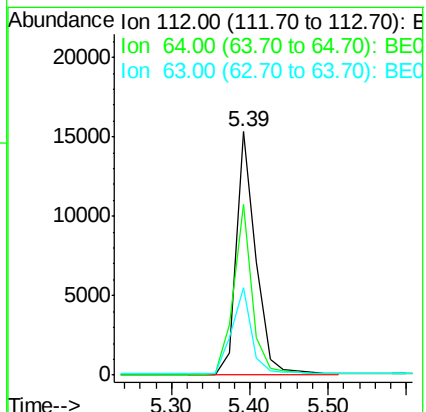
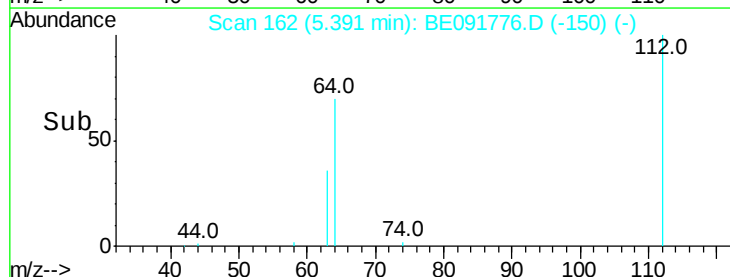
63 36.3 16.7 25.1#

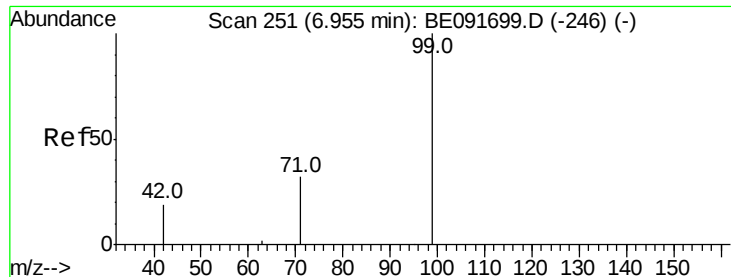


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.60 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091776.D

Acq: 16 May 2016 16:37

Instrument :

BNA_E

ClientSampleId :

LF017MW003-160512

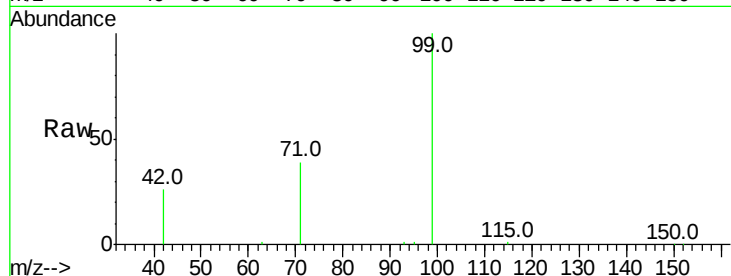
Tot Ion: 99 Resp: 24758

Ion Ratio Lower Upper

99 100

42 23.8 16.2 24.2

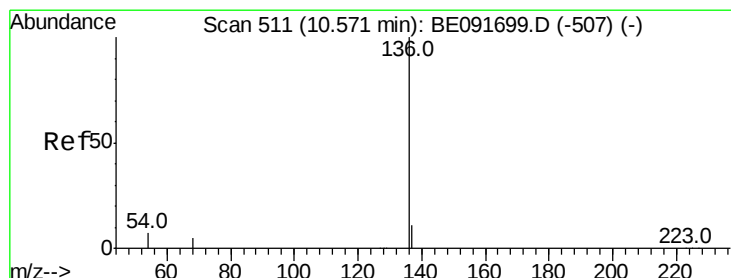
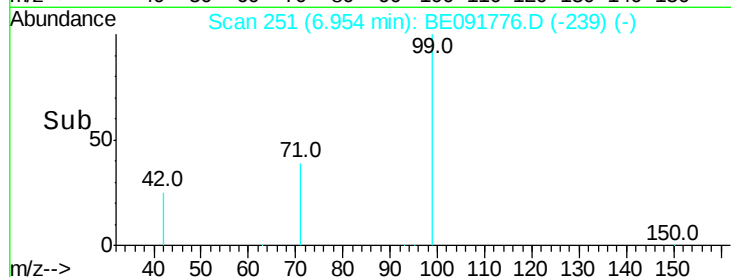
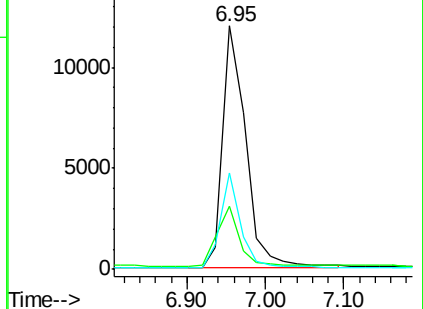
71 34.9 29.0 43.4



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: BE091776.D

Acq: 16 May 2016 16:37

Tgt Ion: 136 Resp: 231814

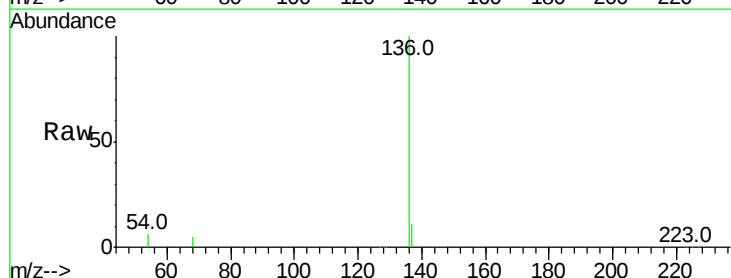
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 8.2 12.4#

68 4.8 6.2 9.4#

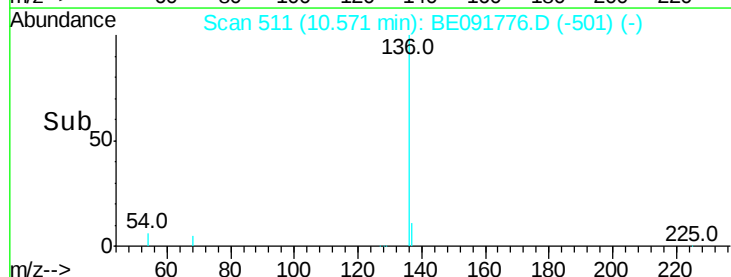
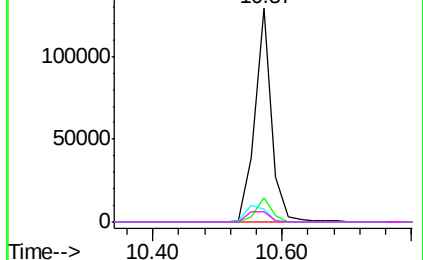


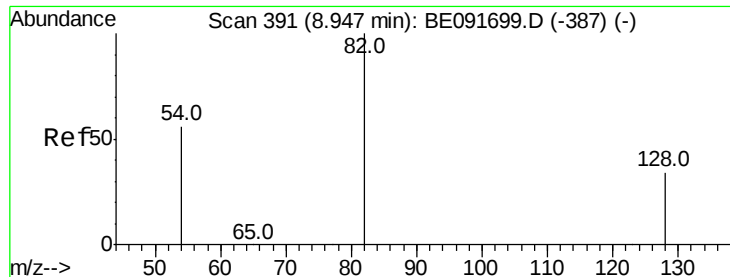
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.72 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091776.D

Acq: 16 May 2016 16:37

Instrument :

BNA_E

ClientSampleId :

LF017MW003-160512

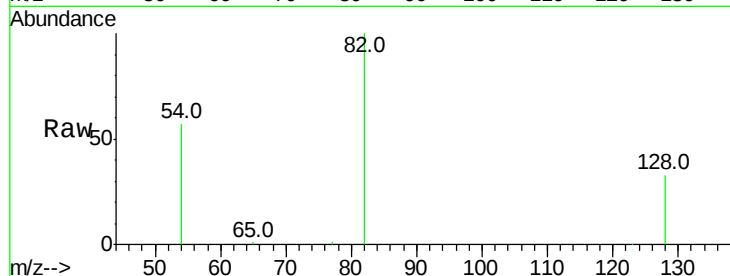
Tot Ion: 82 Resp: 40732

Ion Ratio Lower Upper

82 100

128 32.9 25.4 38.0

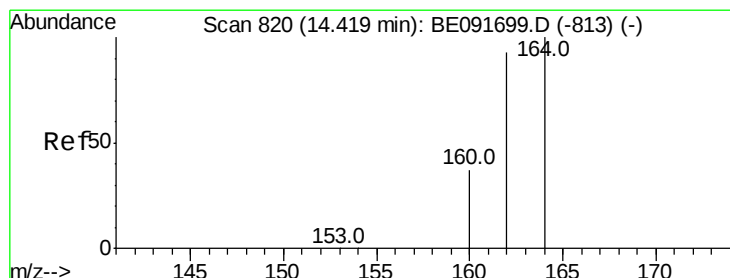
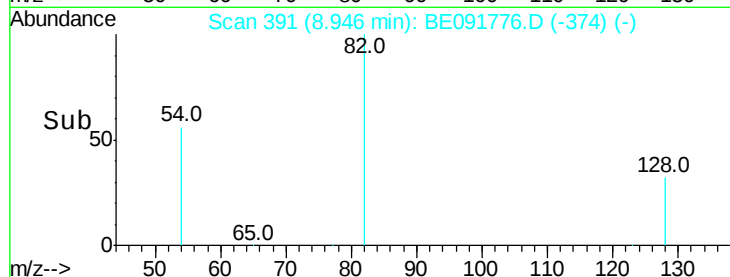
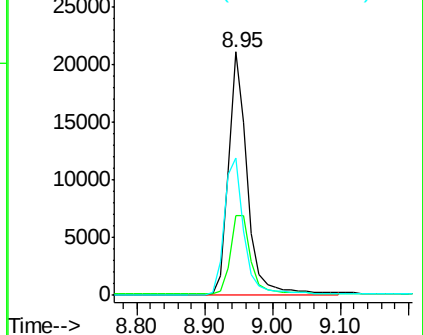
54 56.6 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE091699.D (-387) (-)

Ion 128.00 (127.70 to 128.70): BE091699.D (-387) (-)

Ion 54.00 (53.70 to 54.70): BE091699.D (-387) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091776.D

Acq: 16 May 2016 16:37

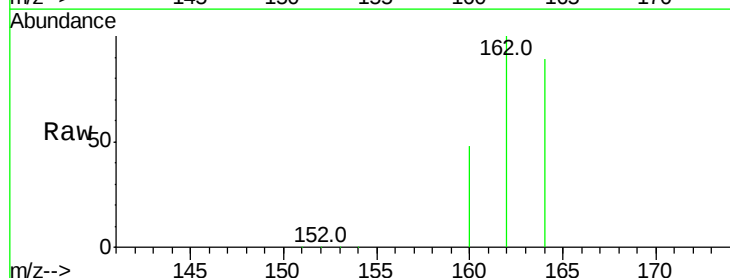
Tgt Ion: 164 Resp: 135937

Ion Ratio Lower Upper

164 100

162 112.9 85.3 127.9

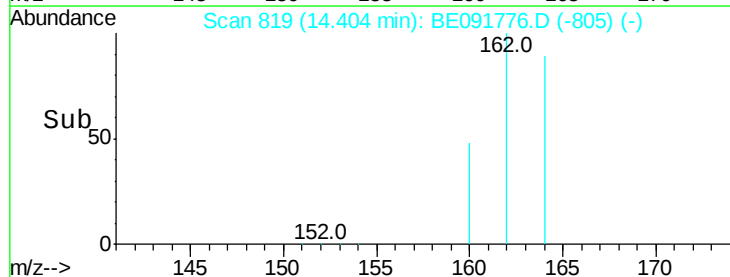
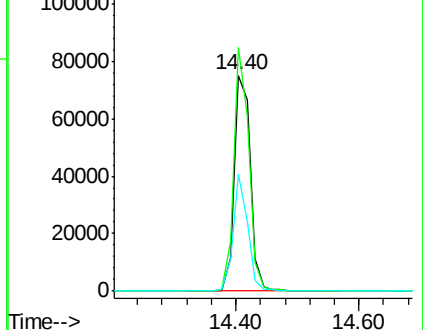
160 54.3 46.2 69.2

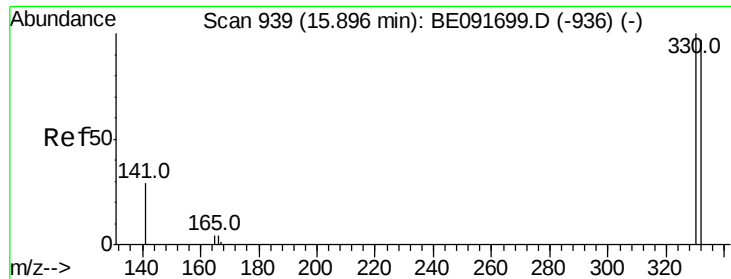


Abundance Ion 164.00 (163.70 to 164.70): BE091699.D (-813) (-)

Ion 162.00 (161.70 to 162.70): BE091699.D (-813) (-)

Ion 160.00 (159.70 to 160.70): BE091699.D (-813) (-)

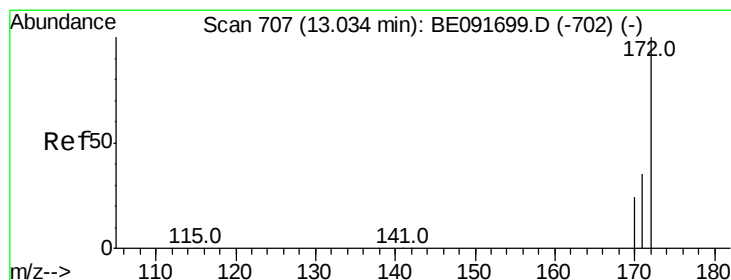
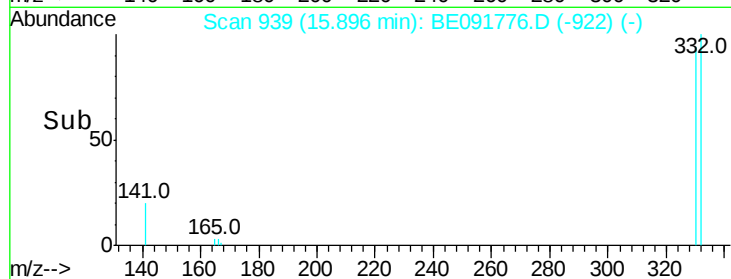
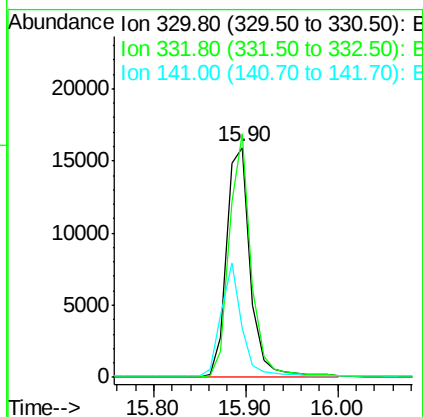
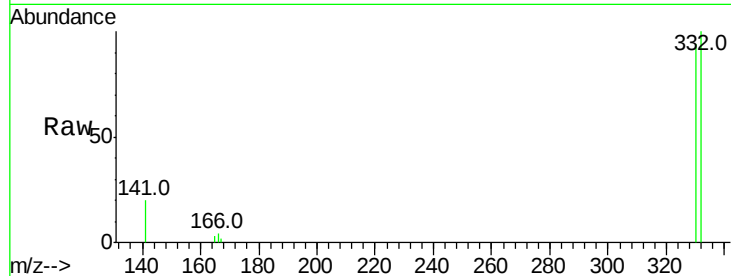




#14
 2,4,6-Tribromophenol
 Concen: 5.72 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BE091776.D
 Acq: 16 May 2016 16:37

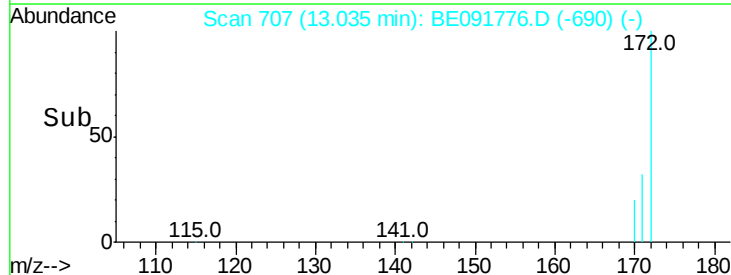
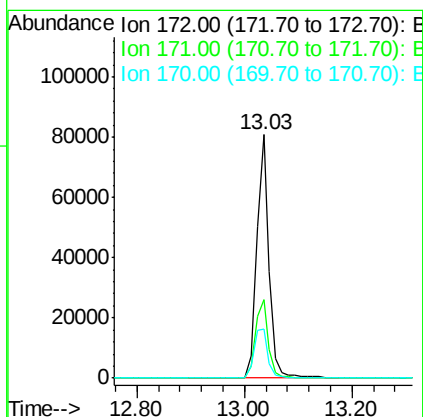
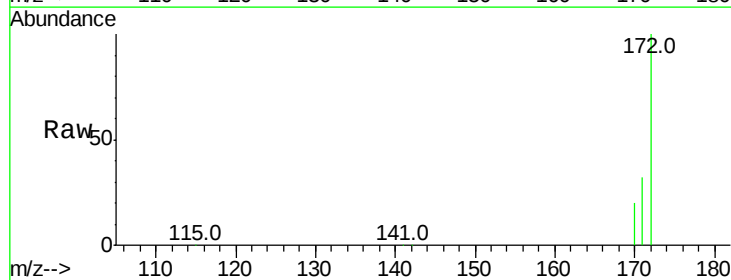
Instrument :
 BNA_E
 ClientSampleId :
 LF017MW003-160512

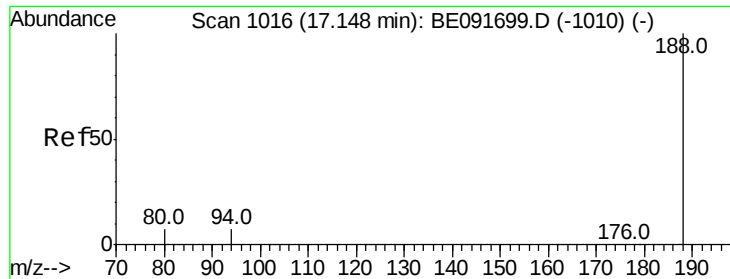
Tot Ion:330 Resp: 28715
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.1 118.7
 141 42.5 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.37 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091776.D
 Acq: 16 May 2016 16:37

Tgt Ion:172 Resp: 129739
 Ion Ratio Lower Upper
 172 100
 171 32.4 28.8 43.2
 170 20.3 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: BE091776.D

Acq: 16 May 2016 16:37

Instrument :

BNA_E

ClientSampleId :

LF017MW003-160512

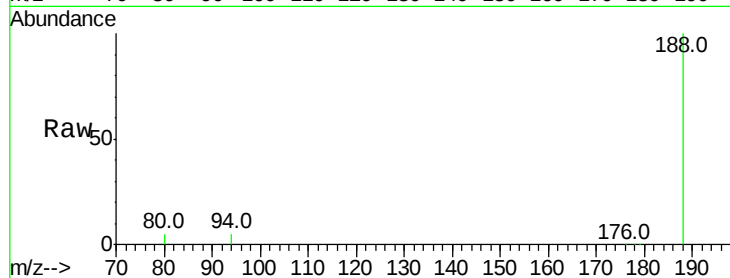
Tot Ion:188 Resp: 323669

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

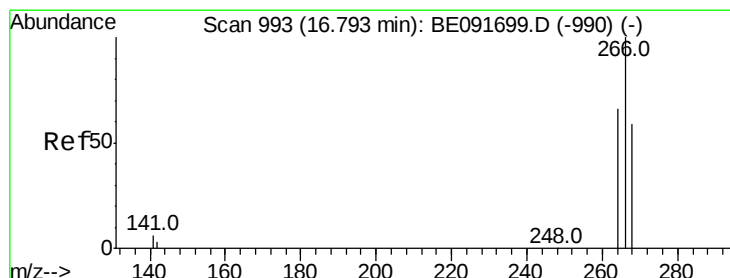
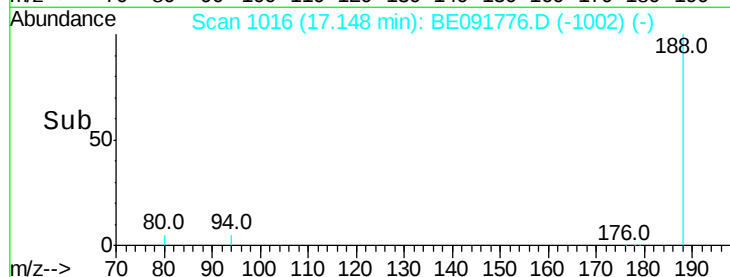
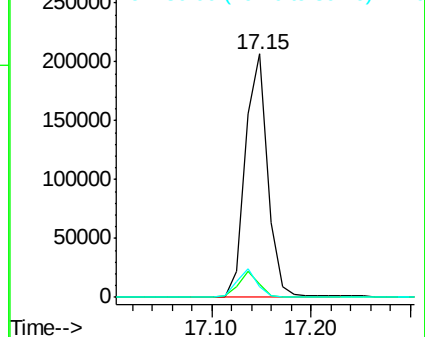
80 4.6 9.4 14.0#



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: 0.25 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091776.D

Acq: 16 May 2016 16:37

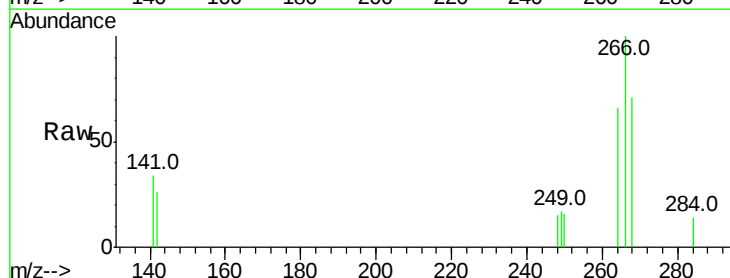
Tgt Ion:266 Resp: 981

Ion Ratio Lower Upper

266 100

268 71.3 58.2 87.2

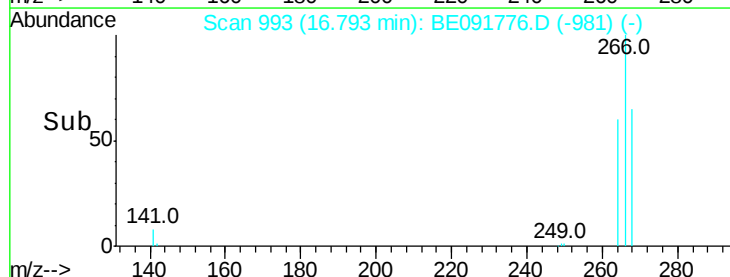
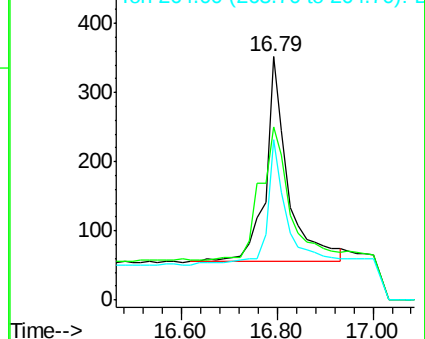
264 65.6 56.2 84.4

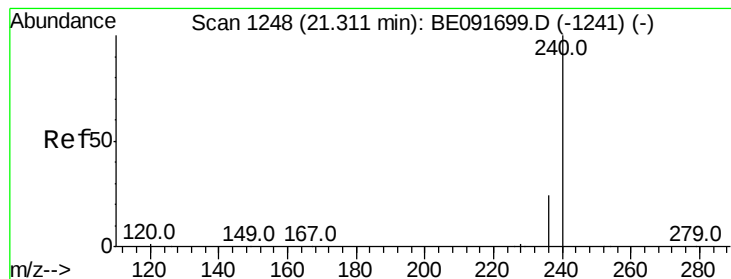


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE091776.D

Acq: 16 May 2016 16:37

Instrument :

BNA_E

ClientSampleId :

LF017MW003-160512

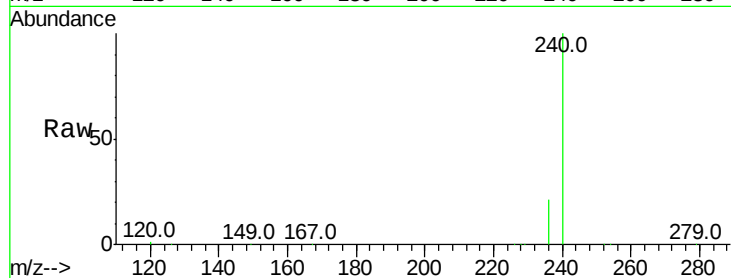
Tot Ion:240 Resp: 315078

Ion Ratio Lower Upper

240 100

120 0.9 11.0 16.4#

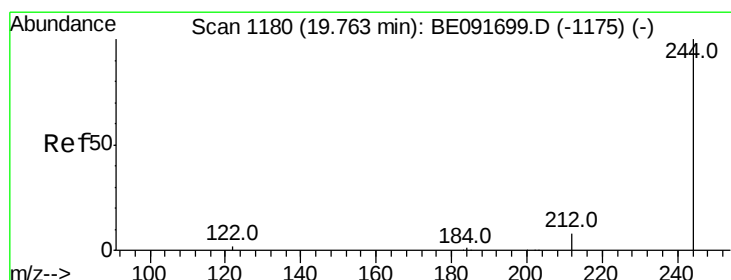
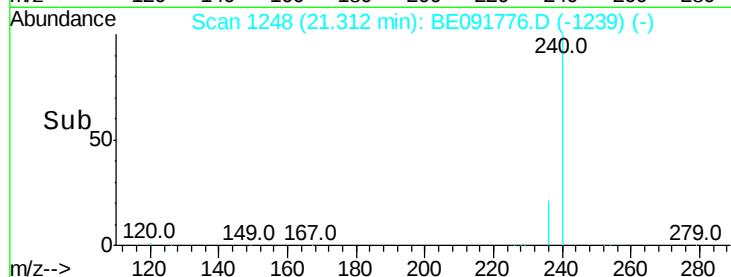
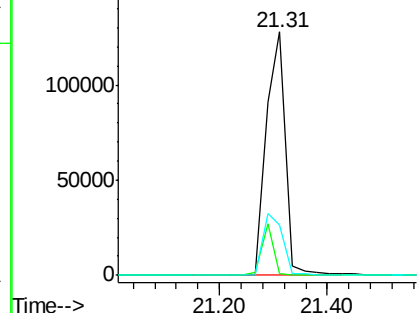
236 20.6 21.7 32.5#



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: 5.00 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091776.D

Acq: 16 May 2016 16:37

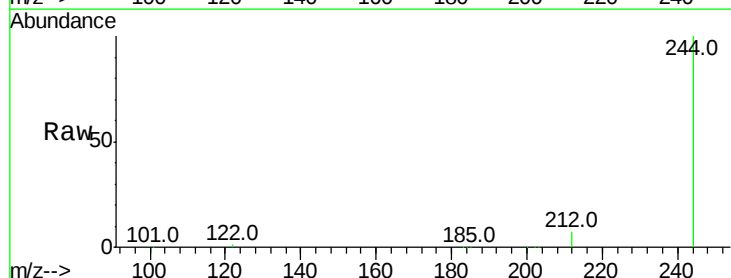
Tgt Ion:244 Resp: 245781

Ion Ratio Lower Upper

244 100

212 6.9 6.9 10.3

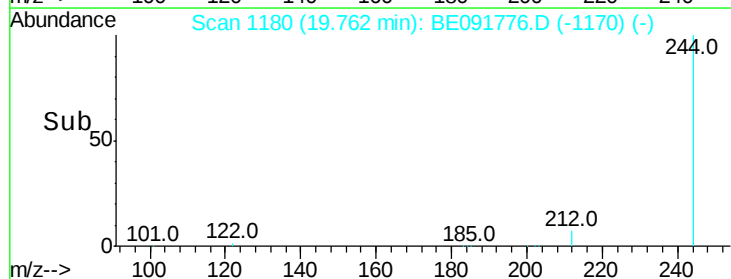
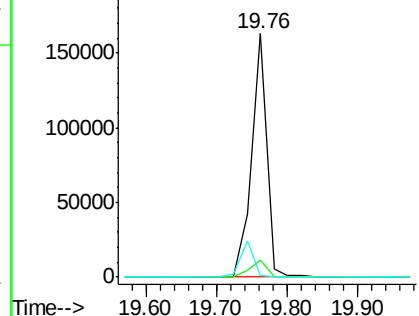
122 0.9 11.0 16.4#

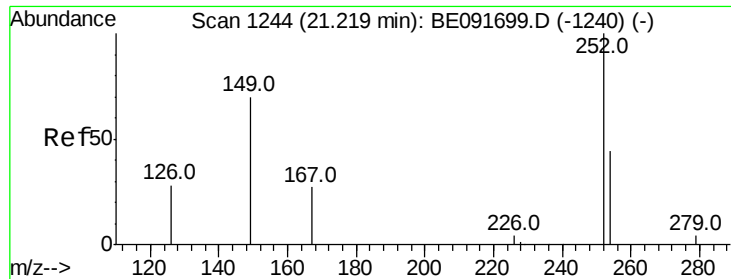


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

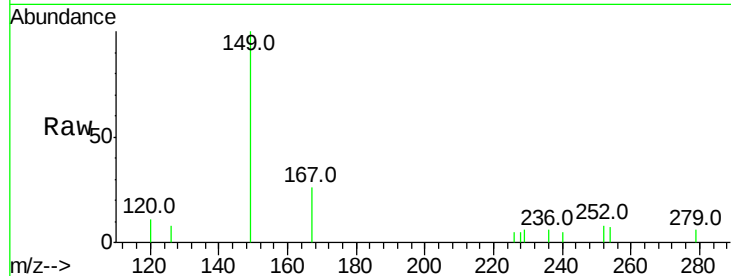




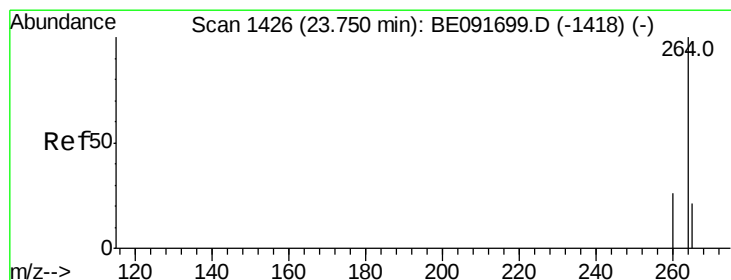
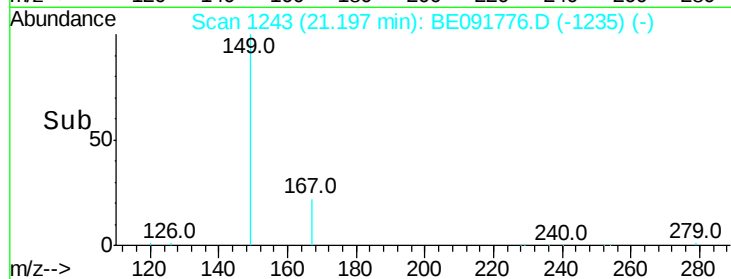
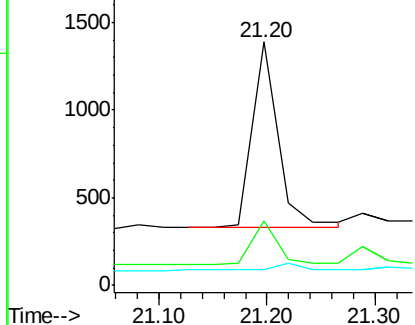
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091776.D
 Acq: 16 May 2016 16:37

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW003-160512

Tot Ion:149 Resp: 1797
 Ion Ratio Lower Upper
 149 100
 167 23.5 19.5 29.3
 279 0.0 10.0 15.0#

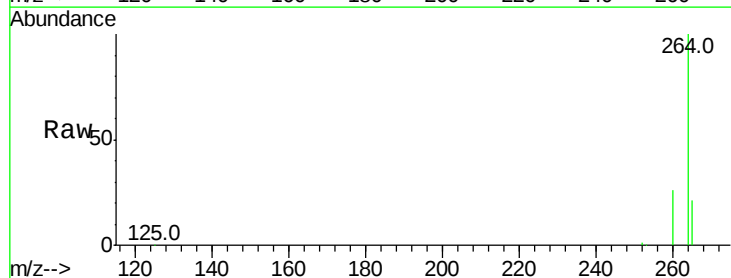


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.74 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BE091776.D
 Acq: 16 May 2016 16:37

Tgt Ion:264 Resp: 321207
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.0 30.0
 265 21.2 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

