

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051016\
 Data File : BE091762.D
 Acq On : 10 May 2016 18:41
 Operator : UM/SJ
 Sample : H2912-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

Quant Time: May 11 01:29:38 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

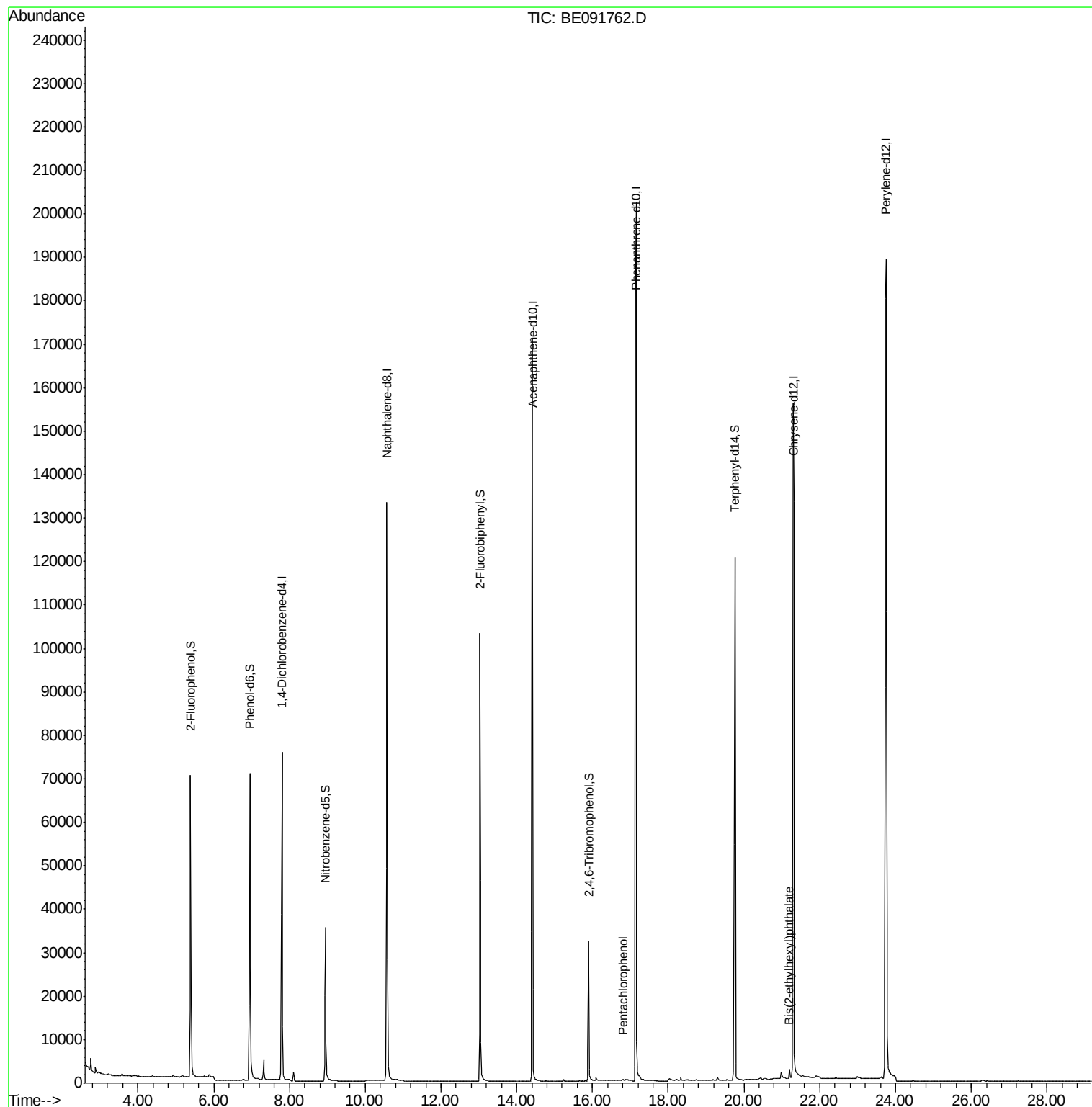
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	41140	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	197250	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	121272	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	296122	5.00	ng	0.00
26) Chrysene-d12	21.31	240	294107	5.00	ng	0.00
35) Perylene-d12	23.75	264	308058	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	54844	5.43	ng	0.00
5) Phenol-d6	6.95	99	79835	5.96	ng	0.00
8) Nitrobenzene-d5	8.95	82	36088	2.83	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	26630	5.94	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	107998	3.15	ng	0.00
29) Terphenyl-d14	19.76	244	170771	3.72	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.81	266	375	0.16	ng	Qvalue 96
33) Bis(2-ethylhexyl)phthalate	21.20	149	2503	0.12	ng	# 85

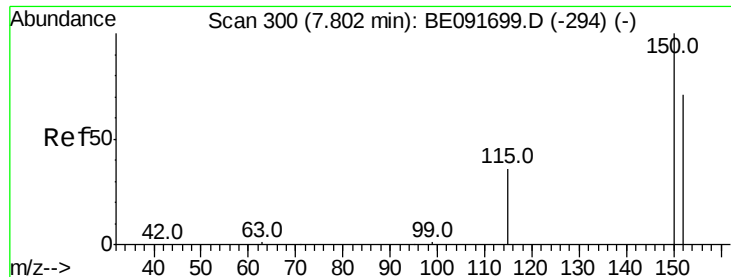
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051016\
Data File : BE091762.D
Acq On : 10 May 2016 18:41
Operator : UM/SJ
Sample : H2912-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-002

Quant Time: May 11 01:29:38 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091762.D

Acq: 10 May 2016 18:41

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-002

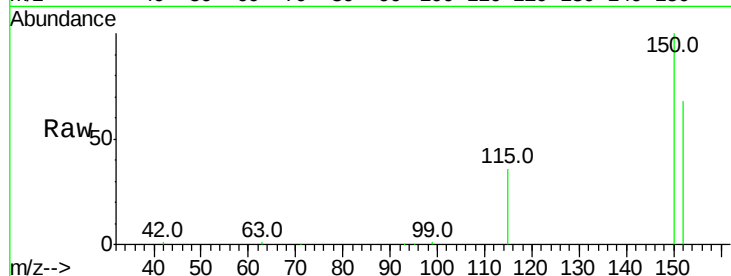
Tot Ion:152 Resp: 41140

Ion Ratio Lower Upper

152 100

150 147.2 122.6 183.8

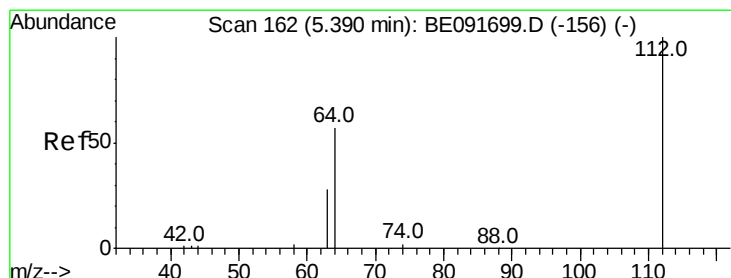
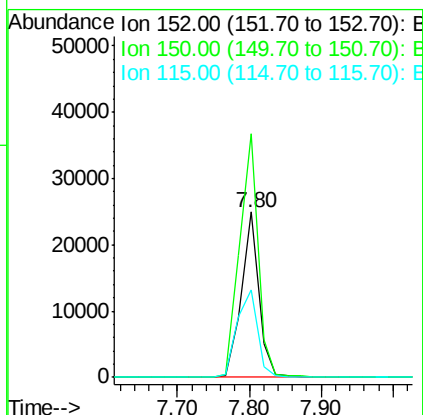
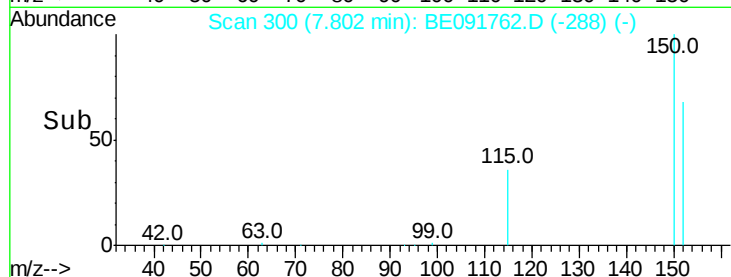
115 52.7 52.8 79.2#



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: 5.43 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091762.D

Acq: 10 May 2016 18:41

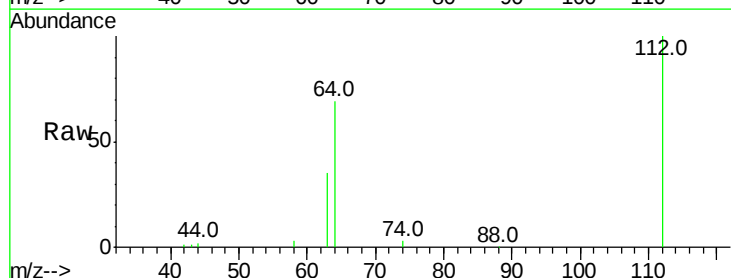
Tgt Ion:112 Resp: 54844

Ion Ratio Lower Upper

112 100

64 66.7 30.9 46.3#

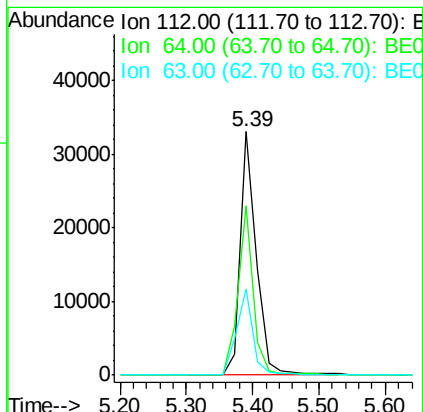
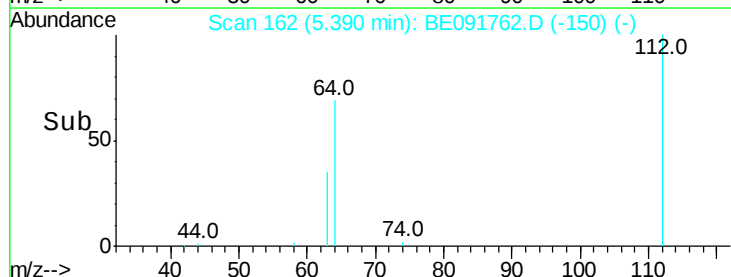
63 35.9 16.7 25.1#

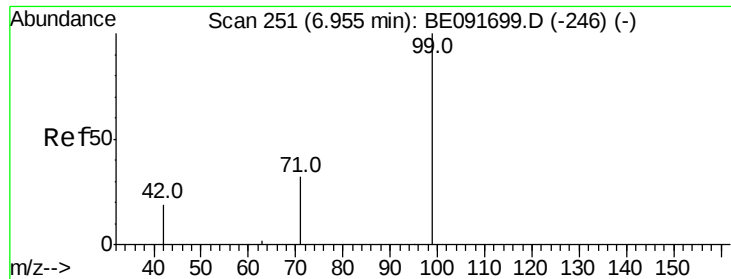


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.96 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091762.D

Acq: 10 May 2016 18:41

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-002

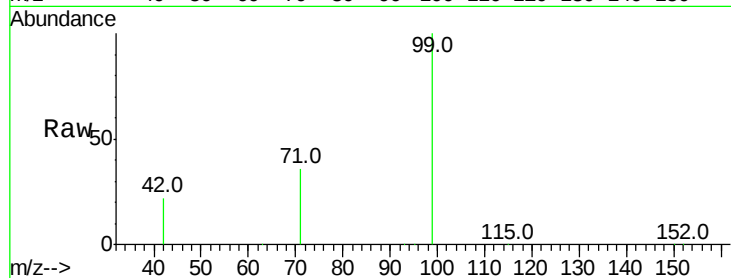
Tot Ion: 99 Resp: 79835

Ion Ratio Lower Upper

99 100

42 24.2 16.2 24.2#

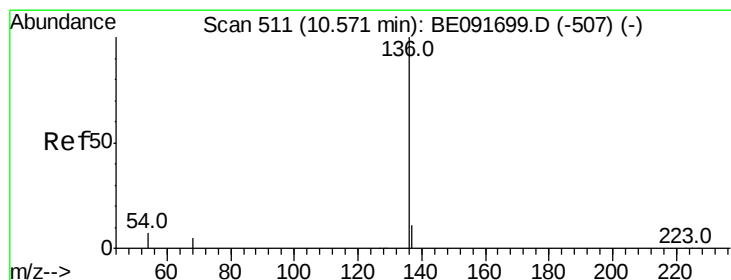
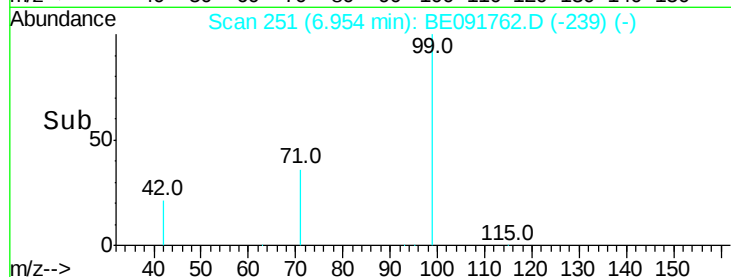
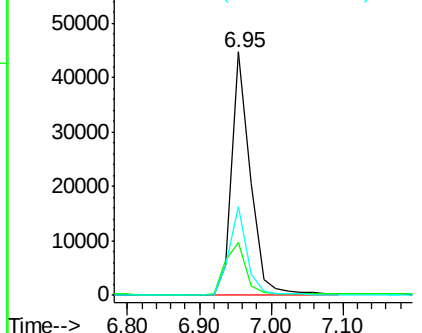
71 35.3 29.0 43.4



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: BE091762.D

Acq: 10 May 2016 18:41

Tgt Ion: 136 Resp: 197250

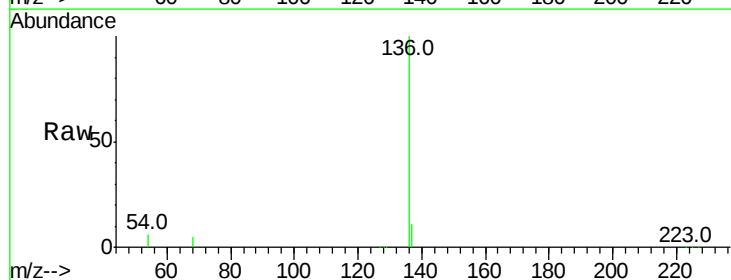
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 8.2 12.4#

68 4.8 6.2 9.4#

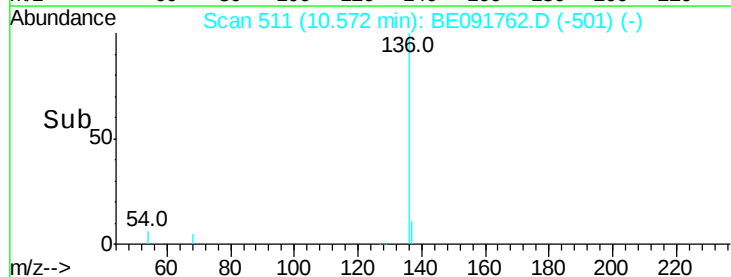
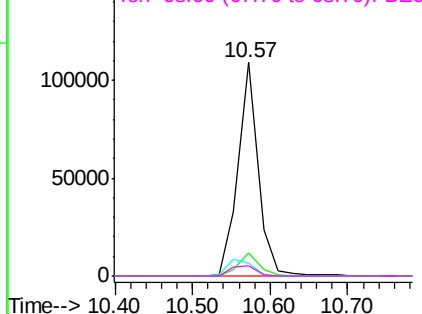


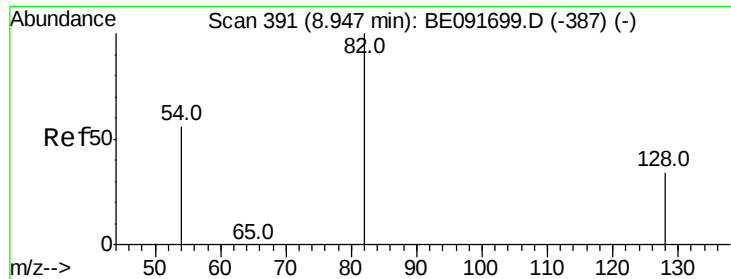
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.83 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091762.D

Acq: 10 May 2016 18:41

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-002

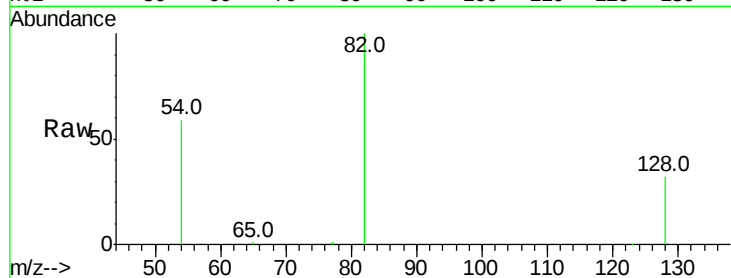
Tot Ion: 82 Resp: 36088

Ion Ratio Lower Upper

82 100

128 31.7 25.4 38.0

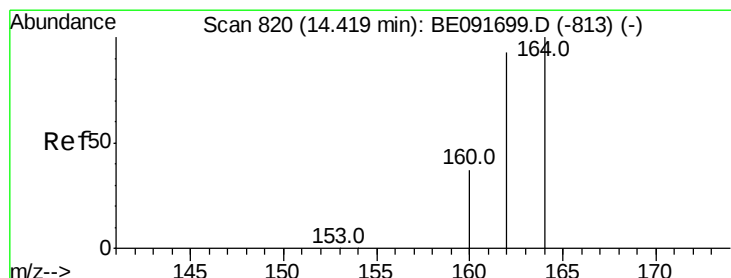
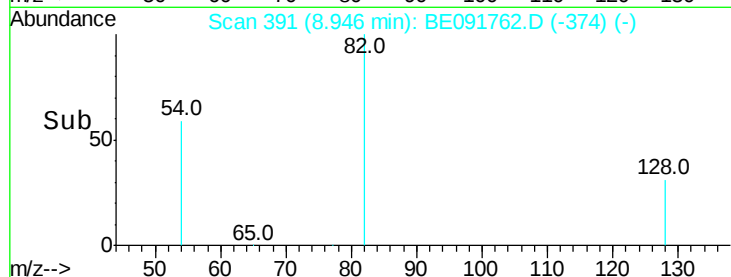
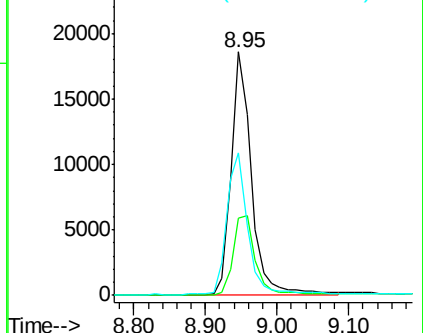
54 58.8 48.4 72.6



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: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091762.D

Acq: 10 May 2016 18:41

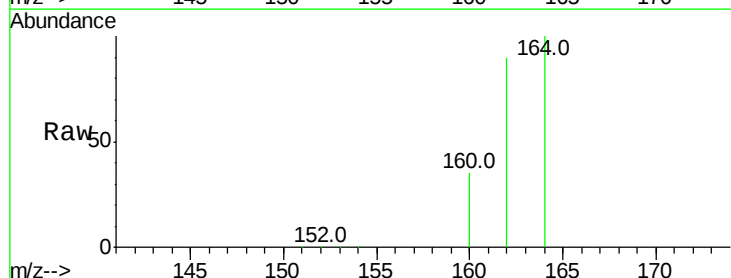
Tgt Ion: 164 Resp: 121272

Ion Ratio Lower Upper

164 100

162 90.1 85.3 127.9

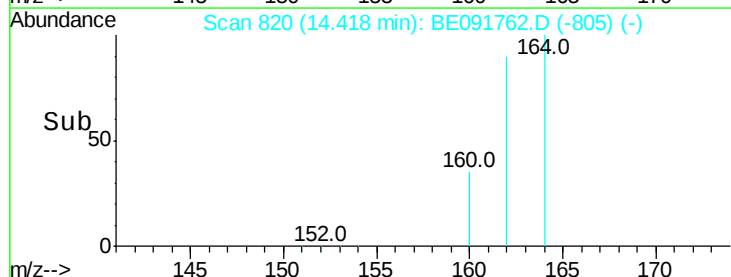
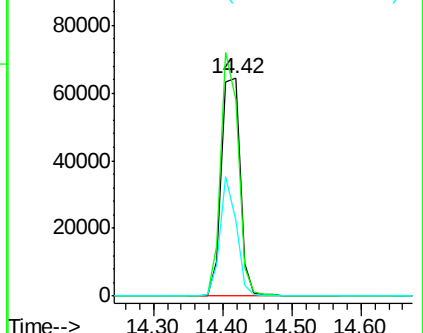
160 35.0 46.2 69.2#

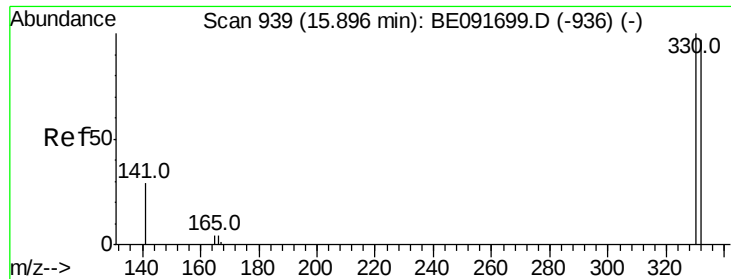


Abundance Ion 164.00 (163.70 to 164.70): BE091699.D (-813) (-)

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

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

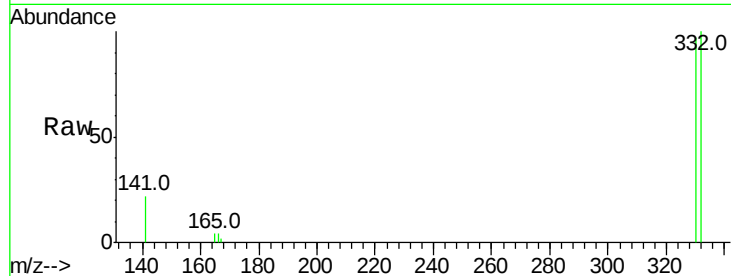




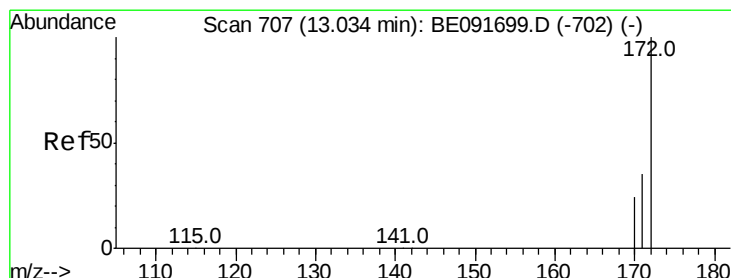
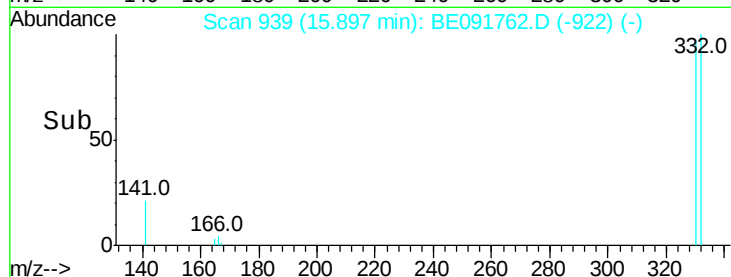
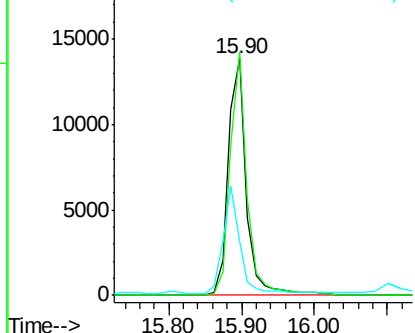
#14
 2,4,6-Tribromophenol
 Concen: 5.94 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091762.D
 Acq: 10 May 2016 18:41

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

Tot Ion:330 Resp: 26630
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.1 118.7
 141 42.3 125.4 188.0#

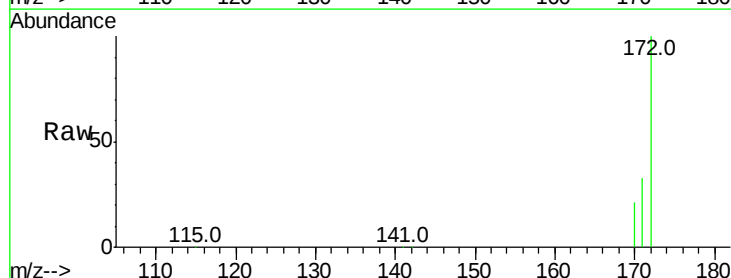


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

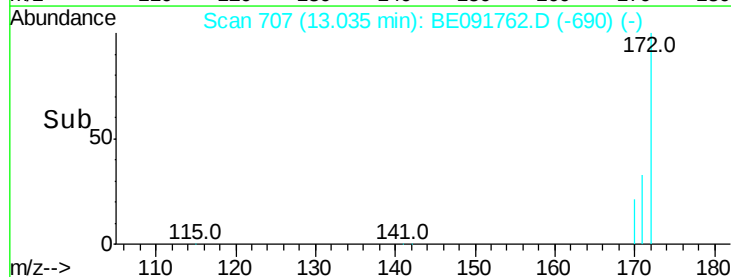
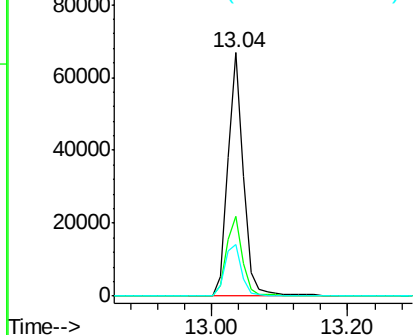


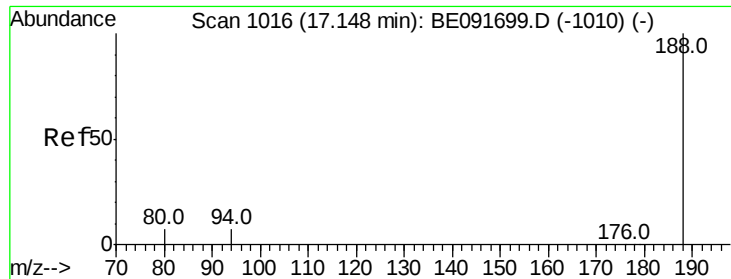
#15
 2-Fluorobiphenyl
 Concen: 3.15 ng
 RT: 13.04 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091762.D
 Acq: 10 May 2016 18:41

Tgt Ion:172 Resp: 107998
 Ion Ratio Lower Upper
 172 100
 171 33.0 28.8 43.2
 170 21.4 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: BE091762.D

Acq: 10 May 2016 18:41

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-002

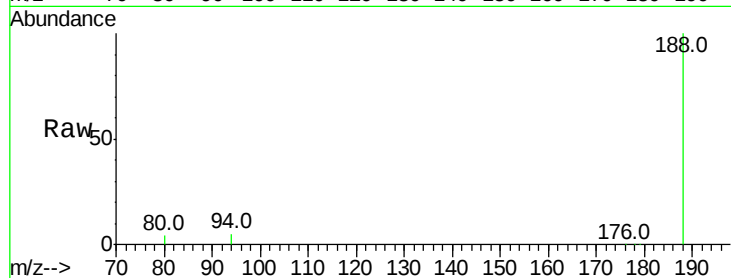
Tot Ion:188 Resp: 296122

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

80 4.4 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

250000

200000

150000

100000

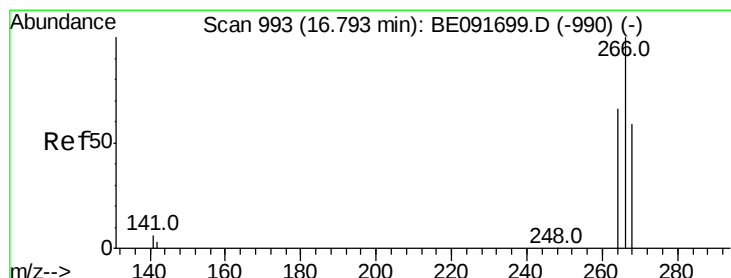
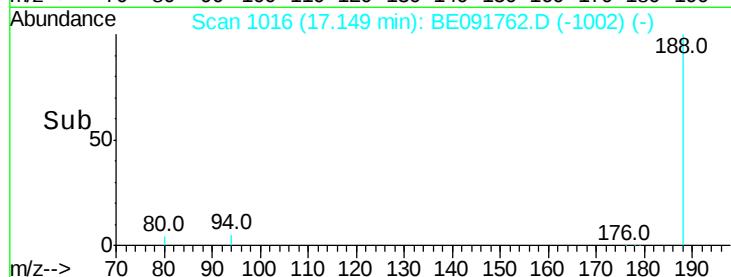
50000

0

17.15

17.00 17.10 17.20 17.30

Time-->



#22

Pentachlorophenol

Concen: 0.16 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.02 min

Lab File: BE091762.D

Acq: 10 May 2016 18:41

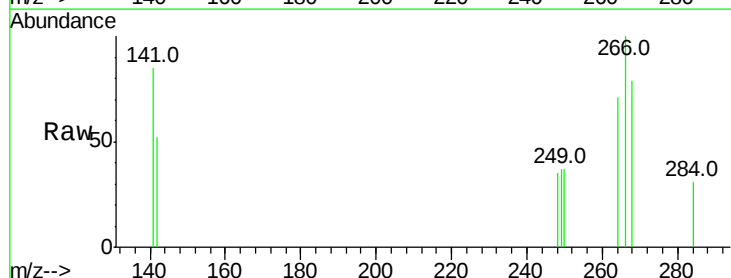
Tgt Ion:266 Resp: 375

Ion Ratio Lower Upper

266 100

268 78.5 58.2 87.2

264 71.2 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

200

150

100

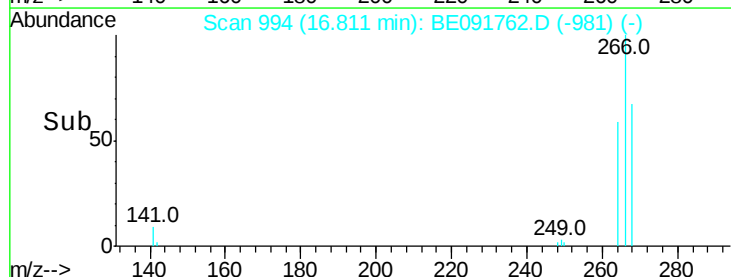
50

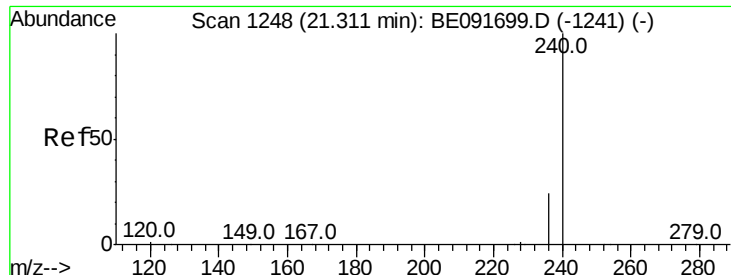
0

16.81

16.60 16.80 17.00 17.20

Time-->

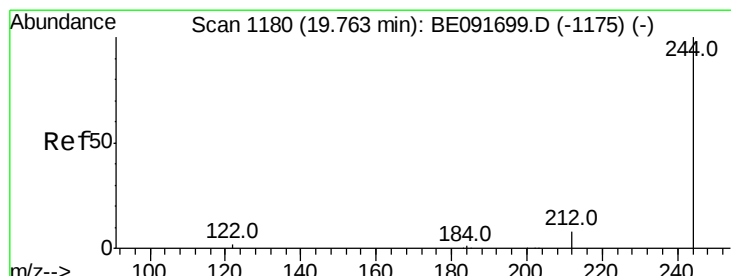
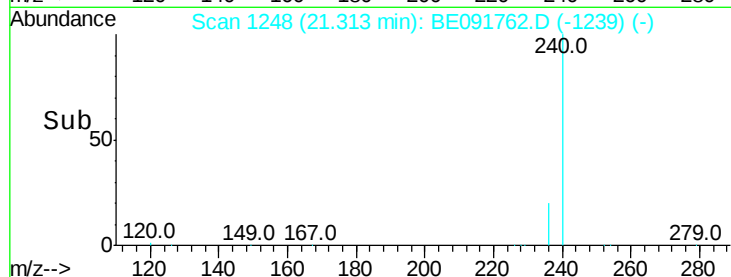
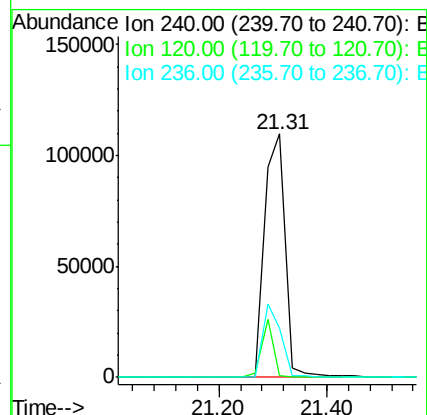
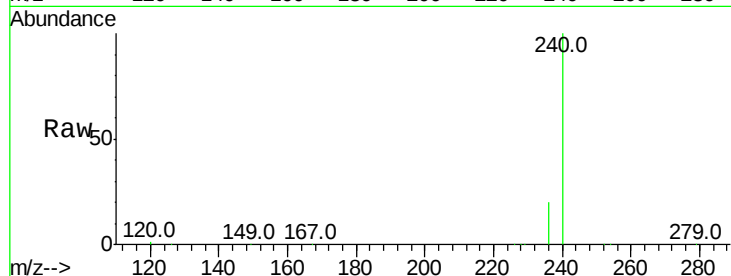




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091762.D
 Acq: 10 May 2016 18:41

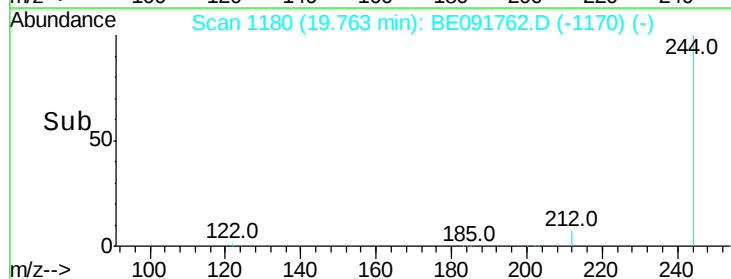
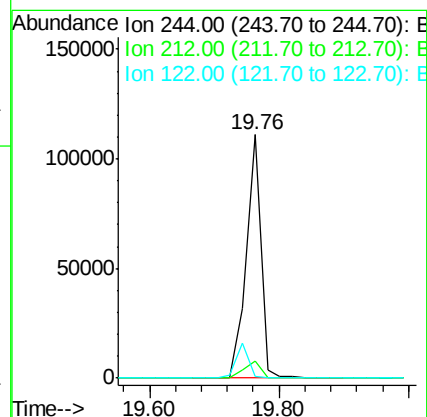
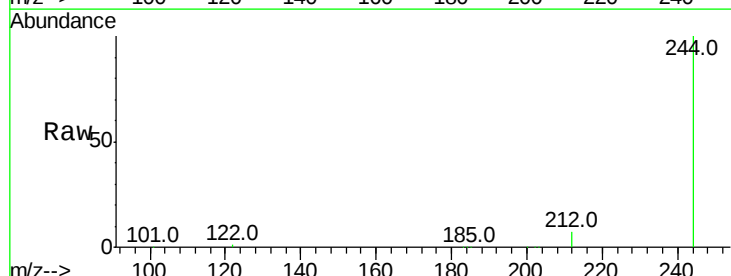
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

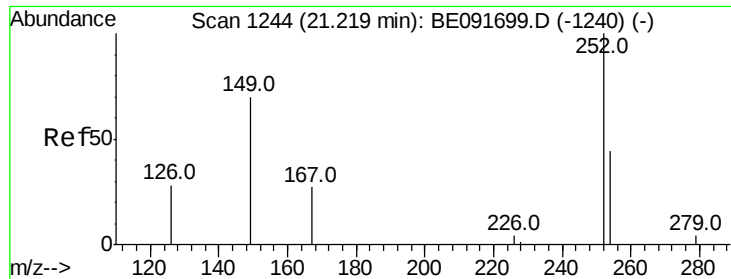
Tot Ion:240 Resp: 294107
 Ion Ratio Lower Upper
 240 100
 120 0.9 11.0 16.4#
 236 20.1 21.7 32.5#



#29
 Terphenyl-d14
 Concen: 3.72 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091762.D
 Acq: 10 May 2016 18:41

Tgt Ion:244 Resp: 170771
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.9 10.3
 122 0.9 11.0 16.4#

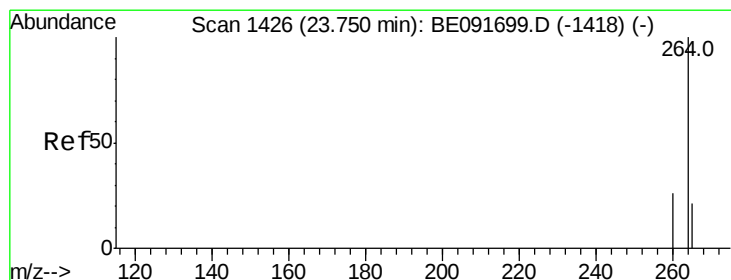
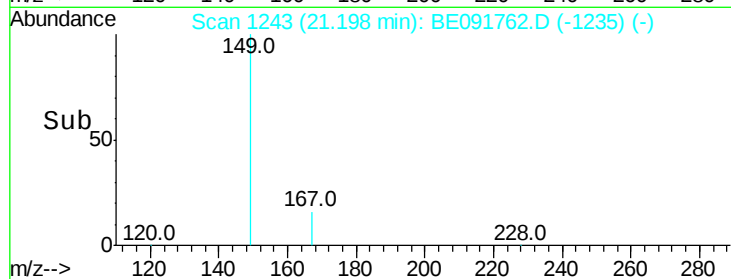
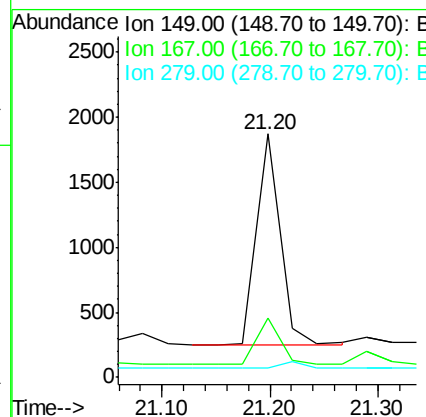
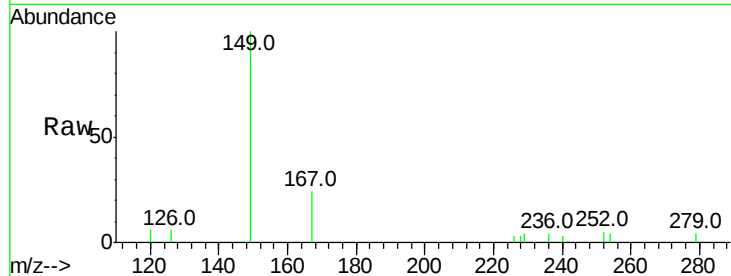




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.12 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091762.D
 Acq: 10 May 2016 18:41

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-002

Tot Ion:149 Resp: 2503
 Ion Ratio Lower Upper
 149 100
 167 21.4 19.5 29.3
 279 0.0 10.0 15.0#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE091762.D
 Acq: 10 May 2016 18:41

Tgt Ion:264 Resp: 308058
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.0 30.0
 265 22.6 17.5 26.3

