

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
 Data File : BE091753.D
 Acq On : 9 May 2016 12:06
 Operator : UM/SJ
 Sample : PB90335BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90335BL

Quant Time: May 10 00:56:48 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

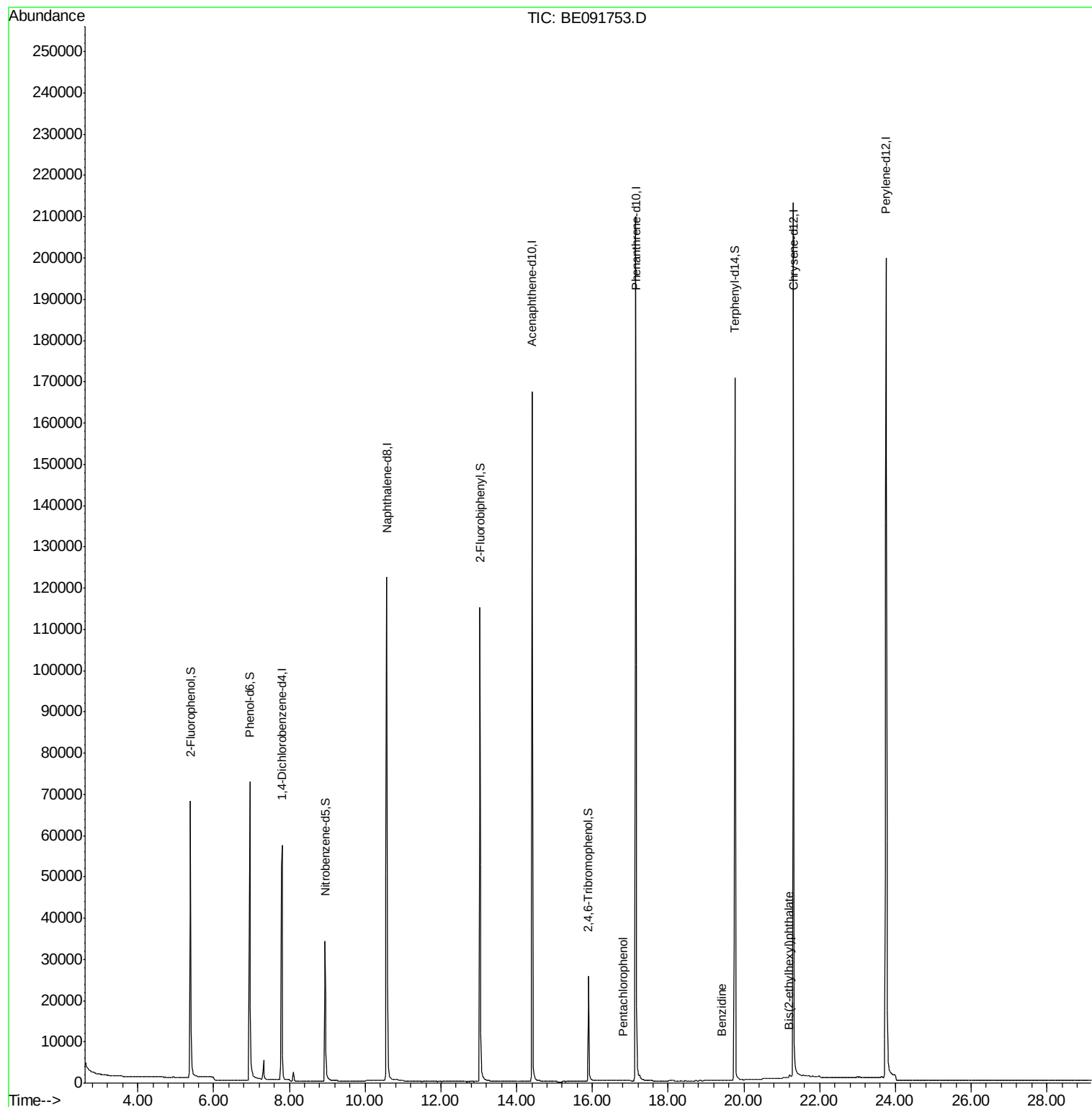
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	38028	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	183397	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	114163	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	284684	5.00	ng	0.00
26) Chrysene-d12	21.31	240	309019	5.00	ng	0.00
35) Perylene-d12	23.75	264	301200	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	62107	6.65	ng	0.00
5) Phenol-d6	6.95	99	88038	7.11	ng	0.00
8) Nitrobenzene-d5	8.95	82	35337	2.99	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	18906	4.52	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	118130	3.66	ng	0.00
29) Terphenyl-d14	19.76	244	206982	4.30	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.81	266	77	0.11	ng	# 78
27) Benzidine	19.42	184	322	0.18	ng	# 12
33) Bis(2-ethylhexyl)phthalate	21.20	149	1035	0.05	ng	# 67

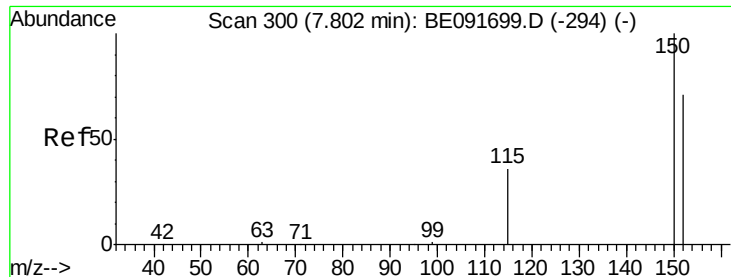
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091753.D

Acq: 9 May 2016 12:06

Instrument :

BNA_E

ClientSampleId :

PB90335BL

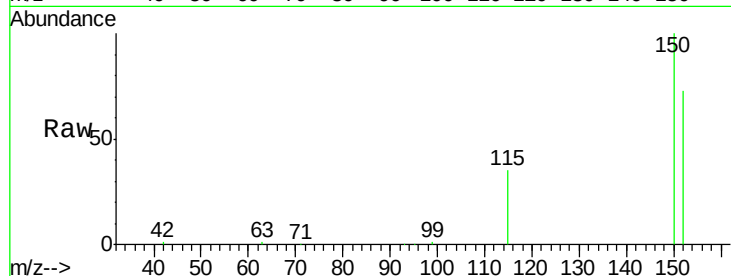
Tgt Ion:152 Resp: 38028

Ion Ratio Lower Upper

152 100

150 136.1 122.6 183.8

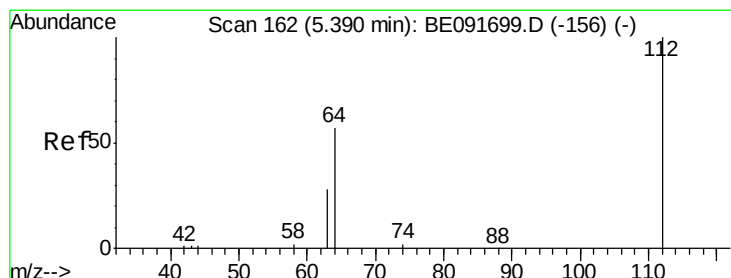
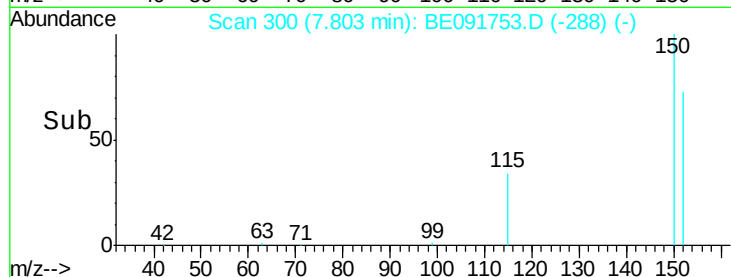
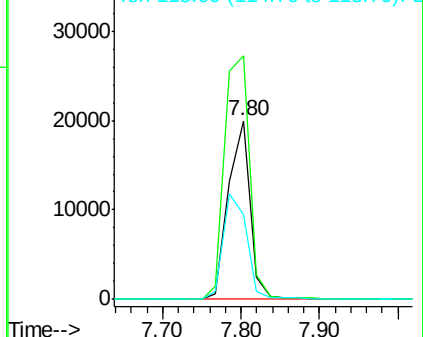
115 47.3 52.8 79.2#



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: 6.65 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

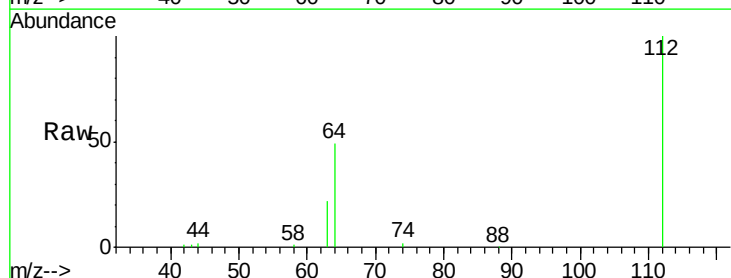
Tgt Ion:112 Resp: 62107

Ion Ratio Lower Upper

112 100

64 66.7 30.9 46.3#

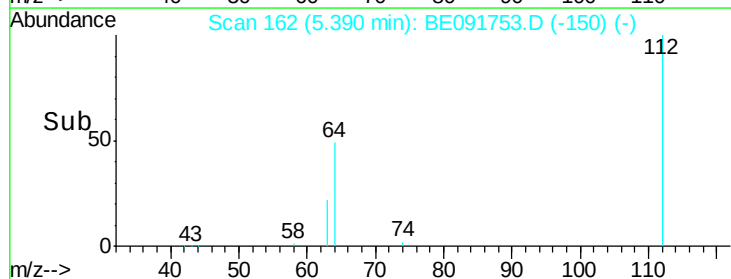
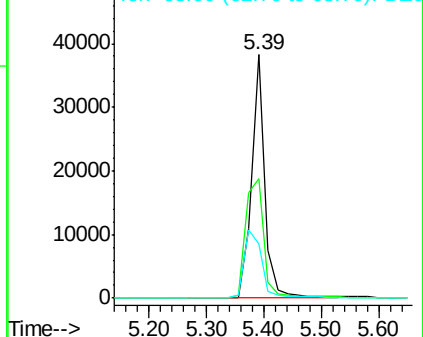
63 36.0 16.7 25.1#

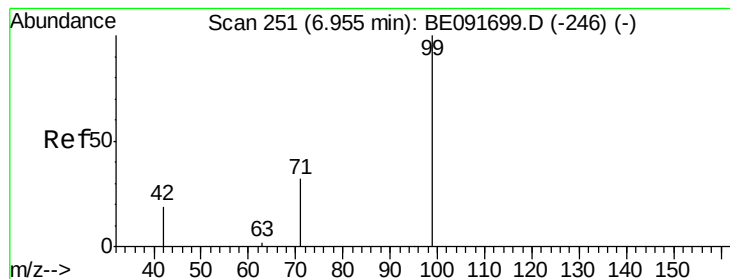


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.11 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

Instrument :

BNA_E

ClientSampleId :

PB90335BL

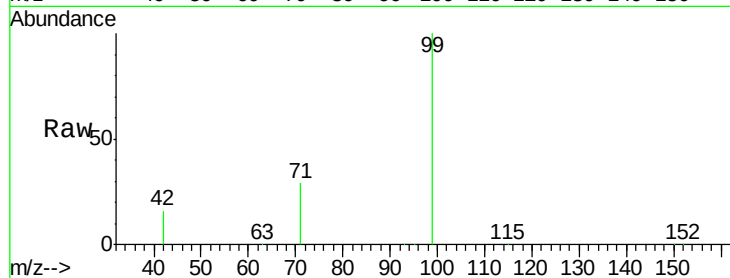
Tgt Ion: 99 Resp: 88038

Ion Ratio Lower Upper

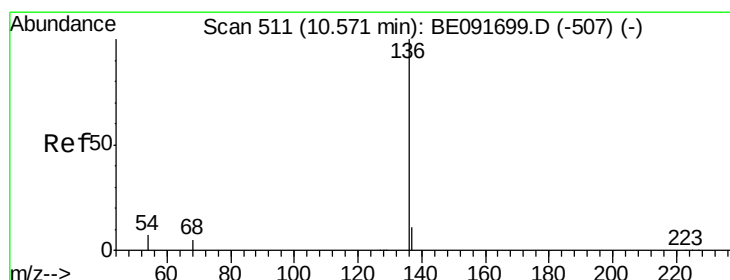
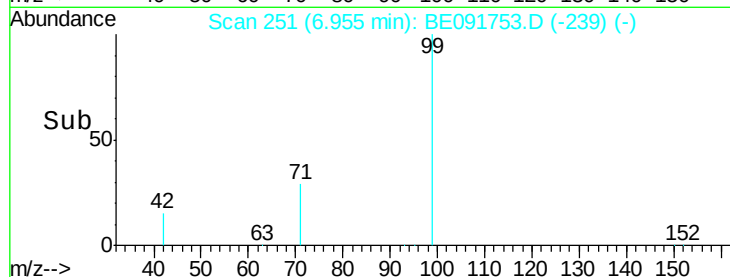
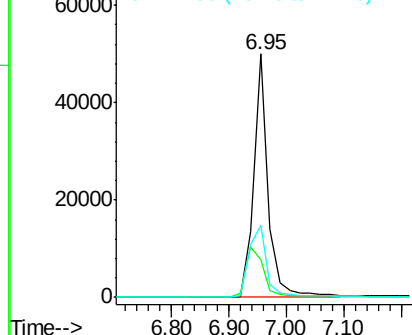
99 100

42 24.8 16.2 24.2#

71 36.0 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: BE091753.D

Acq: 9 May 2016 12:06

Tgt Ion: 136 Resp: 183397

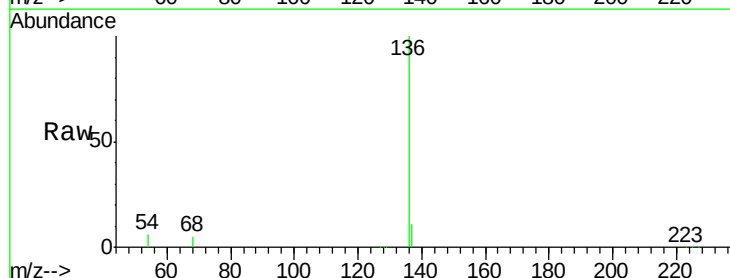
Ion Ratio Lower Upper

136 100

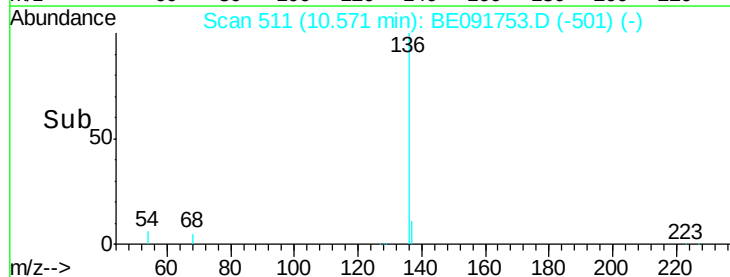
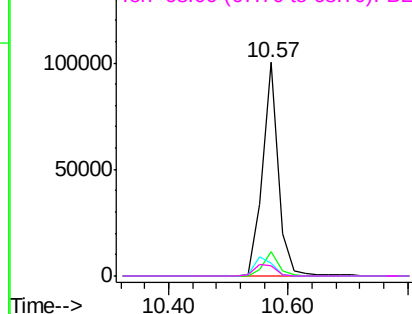
137 11.3 8.9 13.3

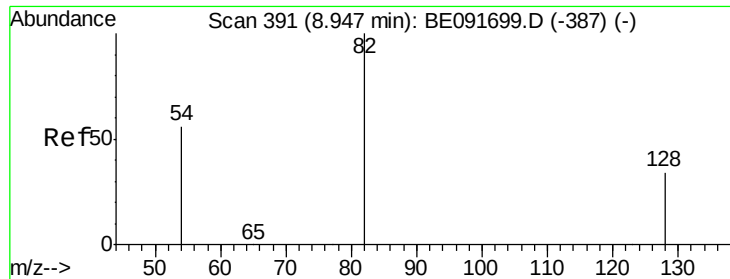
54 6.1 8.2 12.4#

68 4.7 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

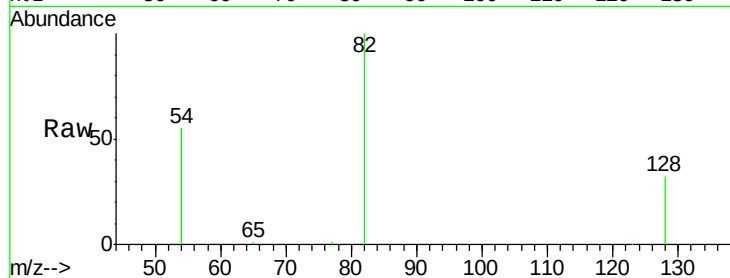




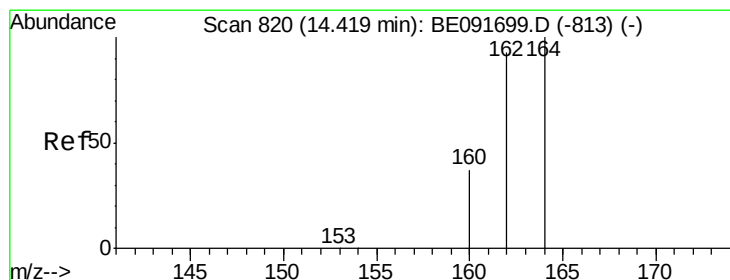
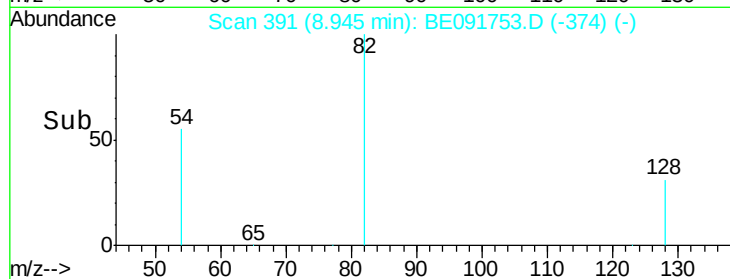
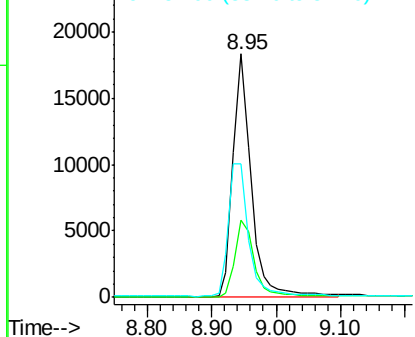
#8
 Nitrobenzene-d5
 Concen: 2.99 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091753.D
 Acq: 9 May 2016 12:06

Instrument :
 BNA_E
 ClientSampleID :
 PB90335BL

Tgt Ion: 82 Resp: 35337
 Ion Ratio Lower Upper
 82 100
 128 31.6 25.4 38.0
 54 54.8 48.4 72.6

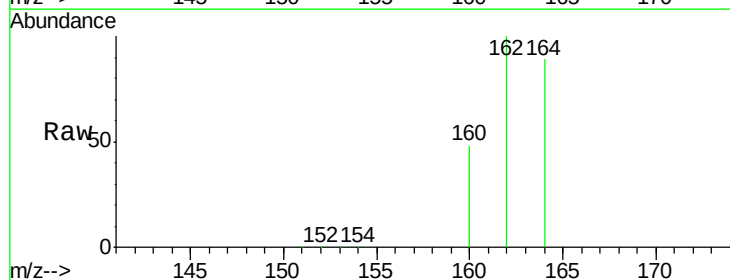


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

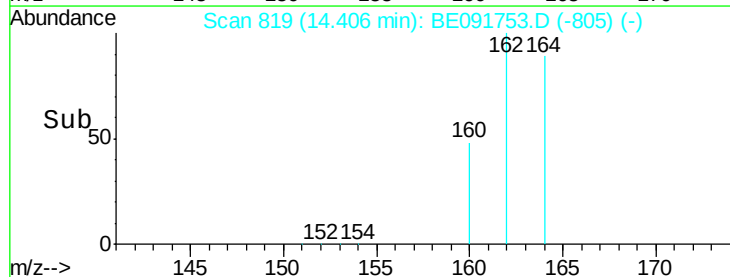
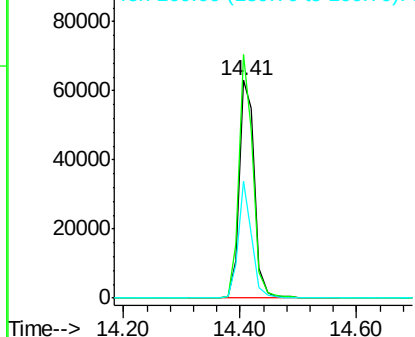


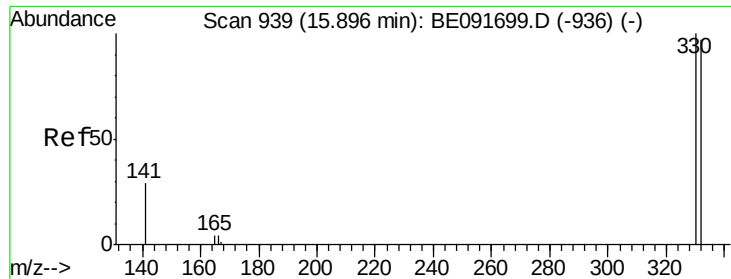
#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091753.D
 Acq: 9 May 2016 12:06

Tgt Ion: 164 Resp: 114163
 Ion Ratio Lower Upper
 164 100
 162 111.8 85.3 127.9
 160 53.5 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

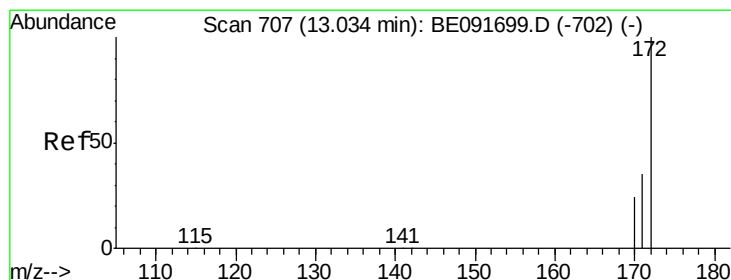
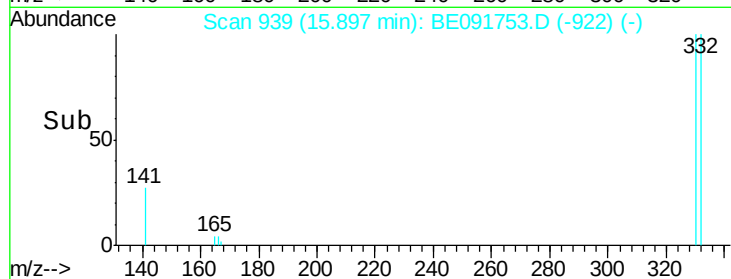
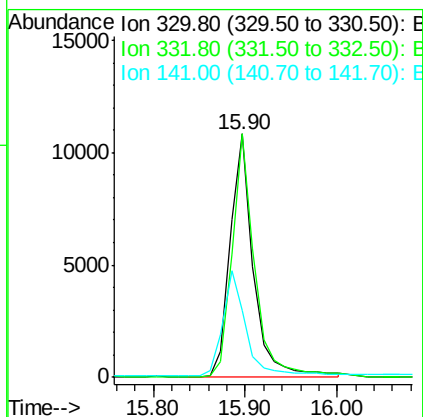
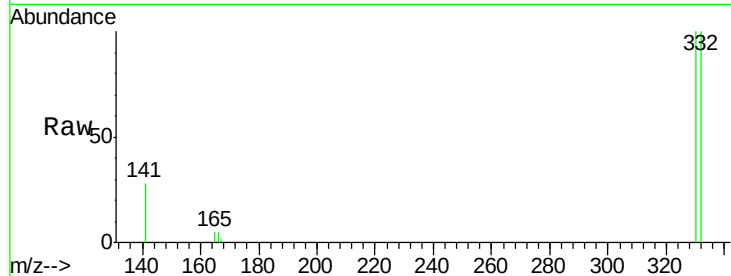




#14
 2,4,6-Tribromophenol
 Concen: 4.52 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091753.D
 Acq: 9 May 2016 12:06

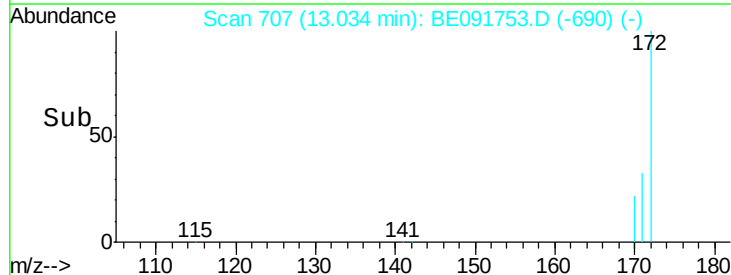
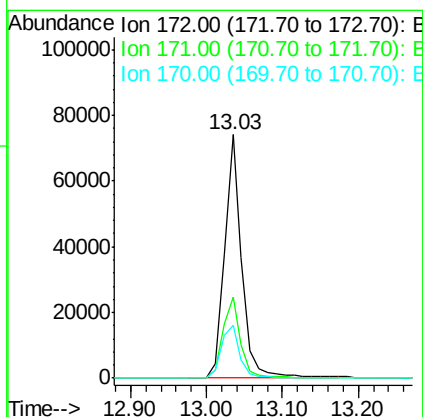
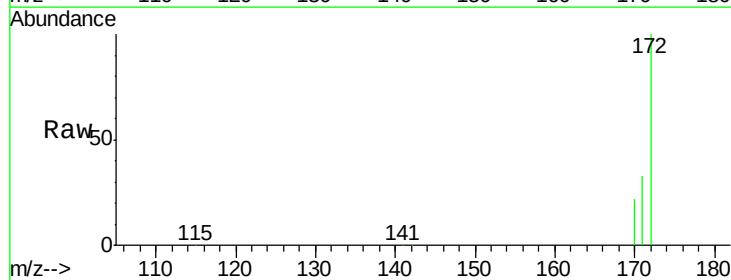
Instrument :
 BNA_E
 ClientSampleId :
 PB90335BL

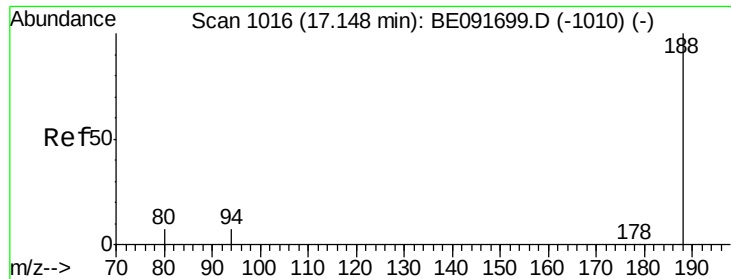
Tgt Ion:330 Resp: 18906
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.1 118.7
 141 42.6 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.66 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091753.D
 Acq: 9 May 2016 12:06

Tgt Ion:172 Resp: 118130
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.8 43.2
 170 21.6 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

Instrument :

BNA_E

ClientSampleId :

PB90335BL

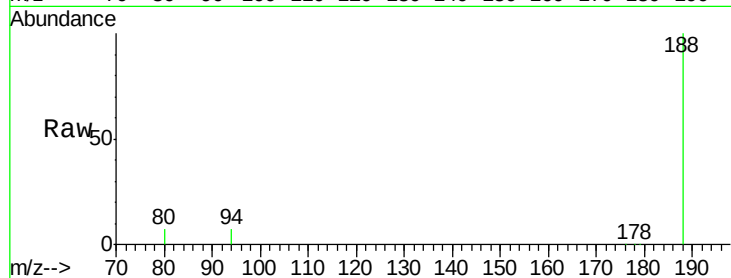
Tgt Ion:188 Resp: 284684

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

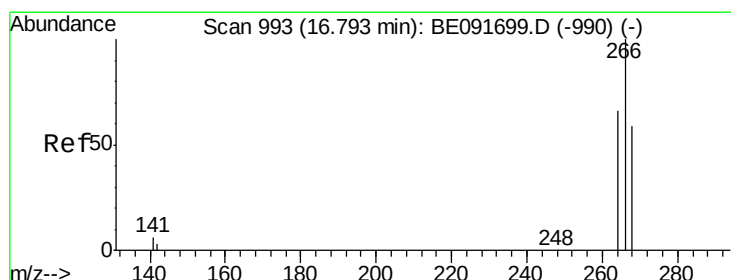
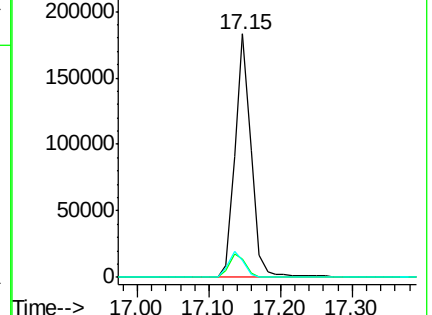
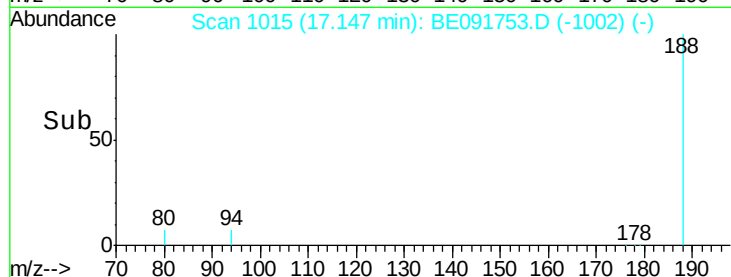
80 7.0 9.4 14.0#



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: 0.11 ng

RT: 16.81 min Scan# 994

Delta R.T. 0.02 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

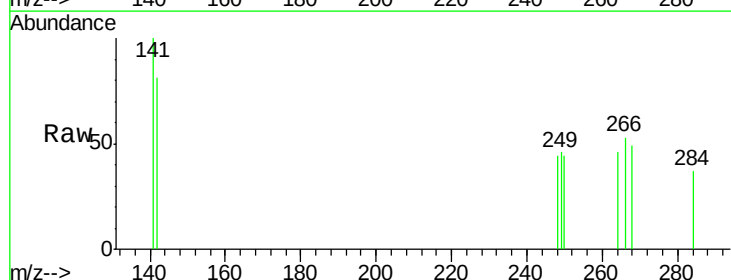
Tgt Ion:266 Resp: 77

Ion Ratio Lower Upper

266 100

268 93.0 58.2 87.2#

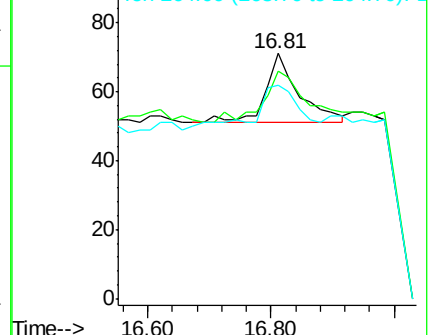
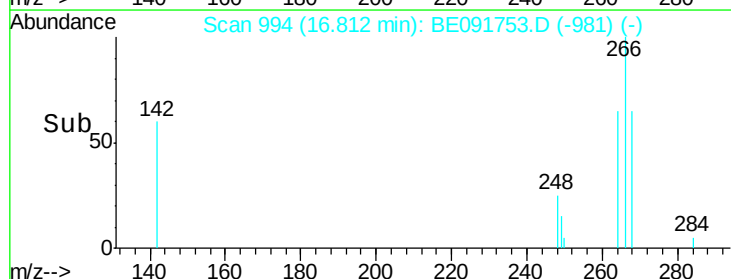
264 87.3 56.2 84.4#

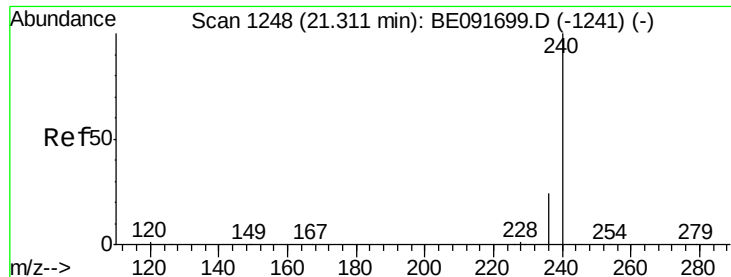


Abundance Ion 265.70 (265.40 to 266.40): E

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# 1247

Delta R.T. 0.00 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

Instrument :

BNA_E

ClientSampleId :

PB90335BL

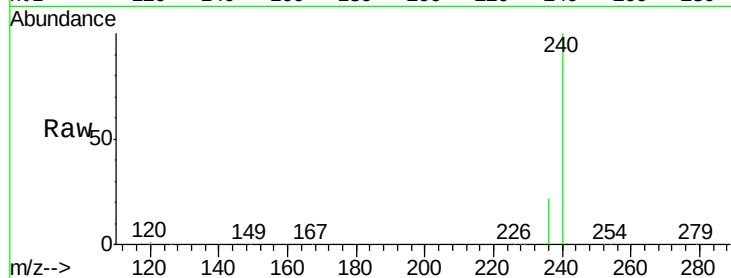
Tgt Ion:240 Resp: 309019

Ion Ratio Lower Upper

240 100

120 1.1 11.0 16.4#

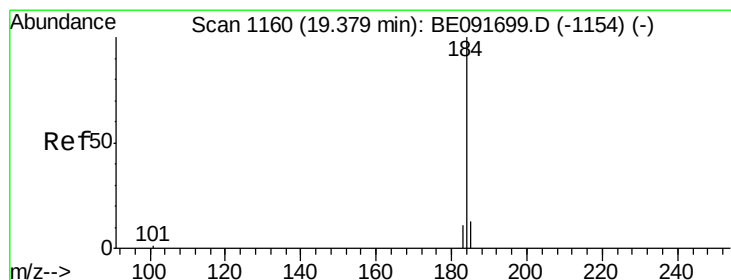
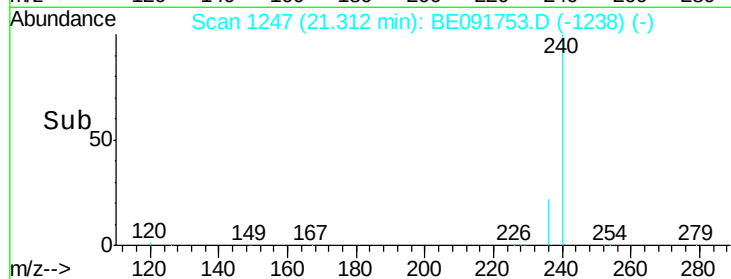
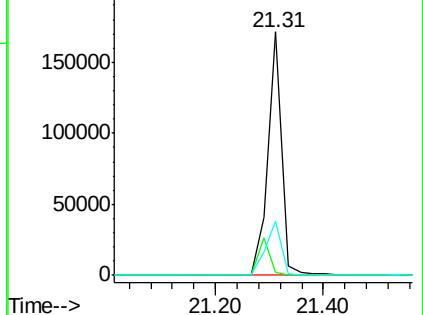
236 22.5 21.7 32.5



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



#27

Benzidine

Concen: 0.18 ng

RT: 19.42 min Scan# 1161

Delta R.T. 0.04 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

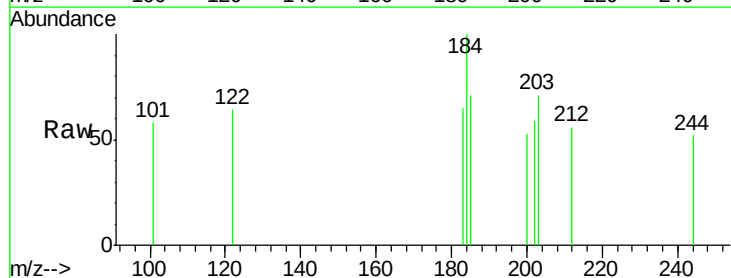
Tgt Ion:184 Resp: 322

Ion Ratio Lower Upper

184 100

185 71.0 22.3 33.5#

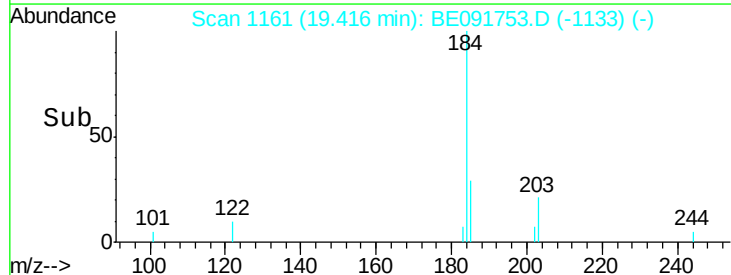
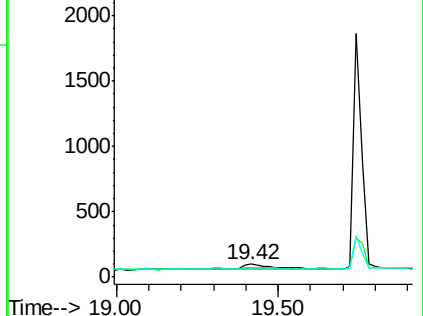
183 65.0 16.4 24.6#

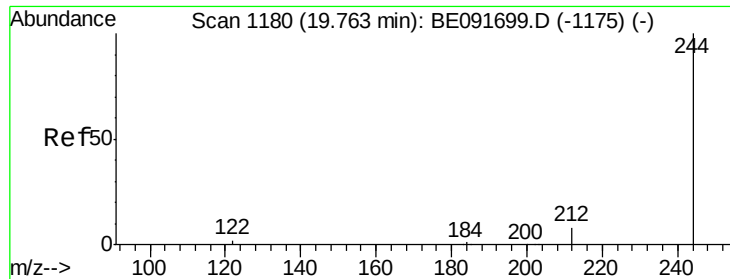


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#29

Terphenyl-d14

Concen: 4.30 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

Instrument :

BNA_E

ClientSampleId :

PB90335BL

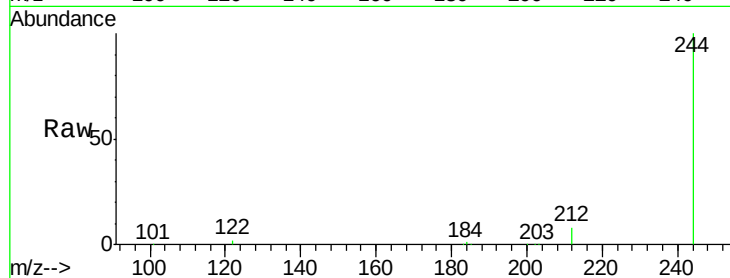
Tgt Ion:244 Resp: 206982

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

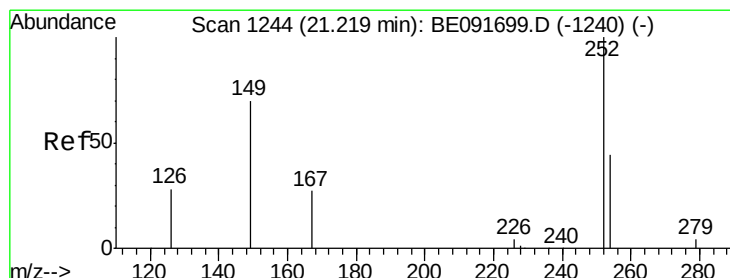
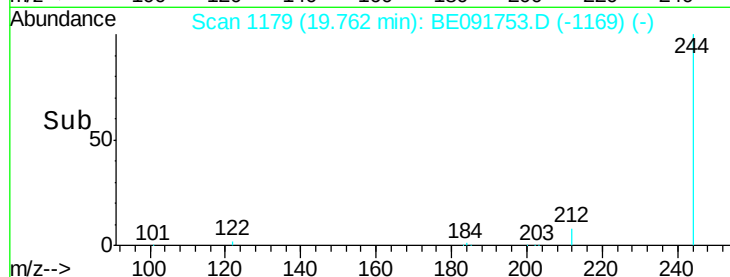
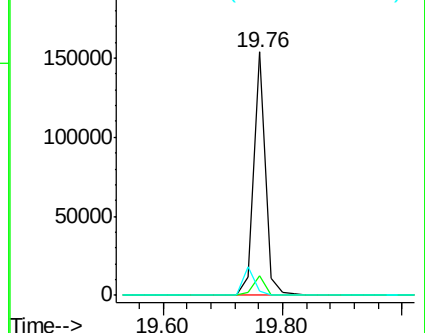
122 1.8 11.0 16.4#



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: 0.05 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

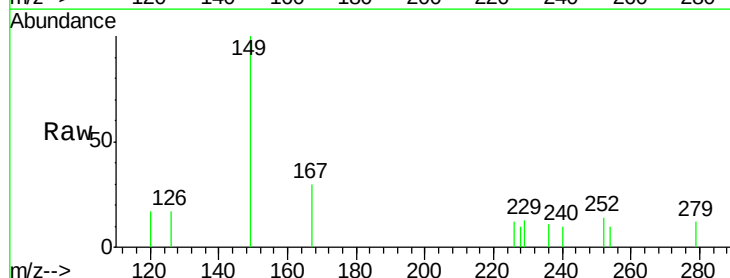
Tgt Ion:149 Resp: 1035

Ion Ratio Lower Upper

149 100

167 40.9 19.5 29.3#

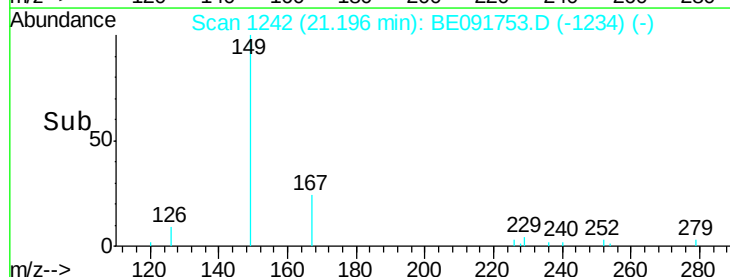
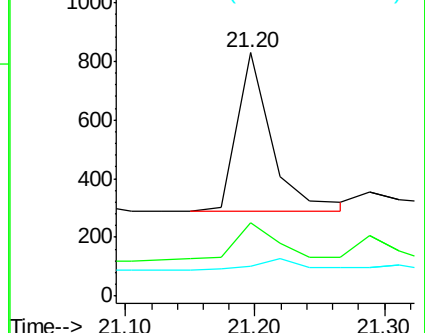
279 0.0 10.0 15.0#

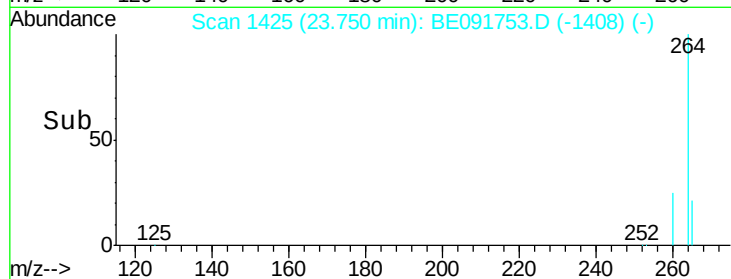
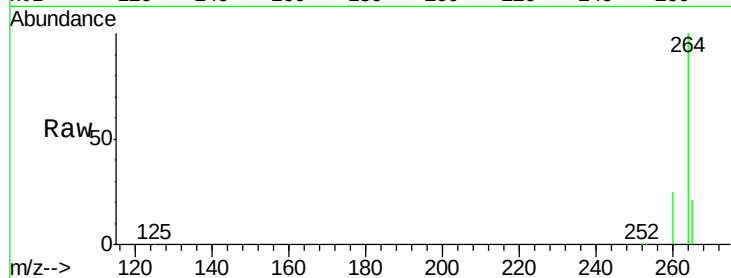
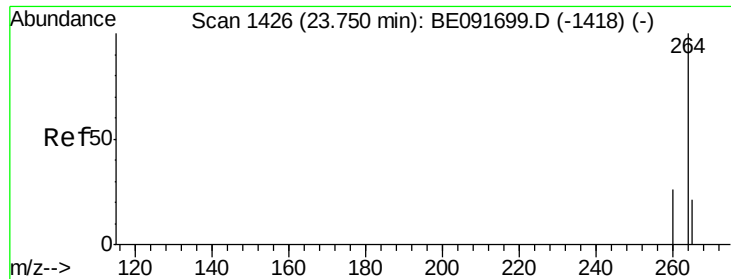


Abundance Ion 149.00 (148.70 to 149.70): E

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# 1425

Delta R.T. 0.00 min

Lab File: BE091753.D

Acq: 9 May 2016 12:06

Instrument :

BNA_E

ClientSampleId :

PB90335BL

Tgt Ion: 264 Resp: 301200

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 21.4 17.5 26.3

