

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
 Data File : BE091783.D
 Acq On : 16 May 2016 20:57
 Operator : UM/SJ
 Sample : PB90599BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90599BL

Quant Time: May 17 04:02:53 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

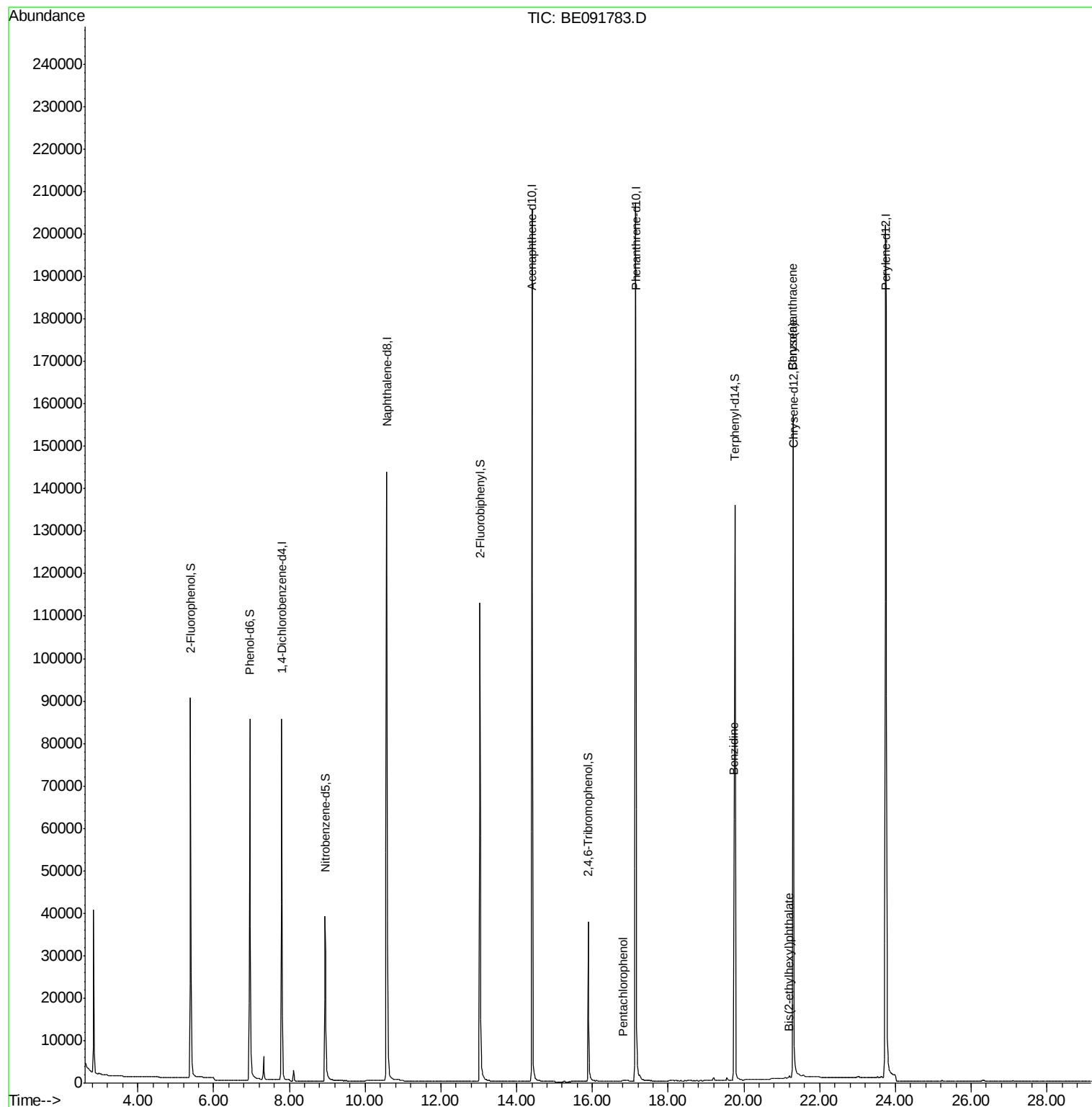
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	46217	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	219532	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	131862	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	317390	5.00	ng	0.00
26) Chrysene-d12	21.31	240	300549	5.00	ng	0.00
35) Perylene-d12	23.74	264	319100	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	71368	6.29	ng	0.00
5) Phenol-d6	6.95	99	100244	6.66	ng	0.00
8) Nitrobenzene-d5	8.95	82	41951	2.96	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	28379	5.83	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	122943	3.30	ng	0.00
29) Terphenyl-d14	19.76	244	196323	4.19	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.81	266	193	0.13	ng	Qvalue 89
27) Benzidine	19.74	184	3337	0.30	ng	# 84
30) Benzo(a)anthracene	21.29	228	1996	0.03	ng	# 85
32) Chrysene	21.29	228	1986	0.03	ng	# 82
33) Bis(2-ethylhexyl)phthalate	21.20	149	821	0.04	ng	# 79

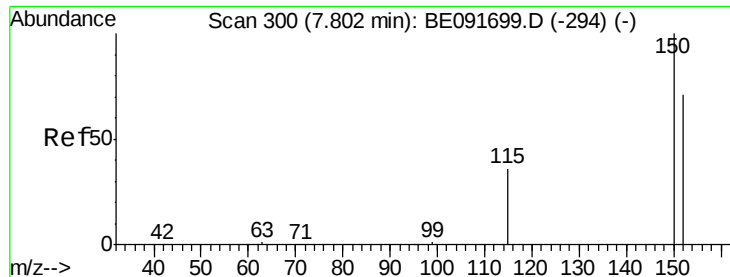
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091783.D

Acq: 16 May 2016 20:57

Instrument :

BNA_E

ClientSampled :

PB90599BL

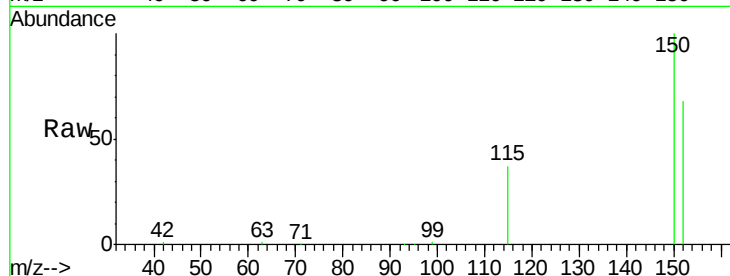
Tgt Ion:152 Resp: 46217

Ion Ratio Lower Upper

152 100

150 147.8 122.6 183.8

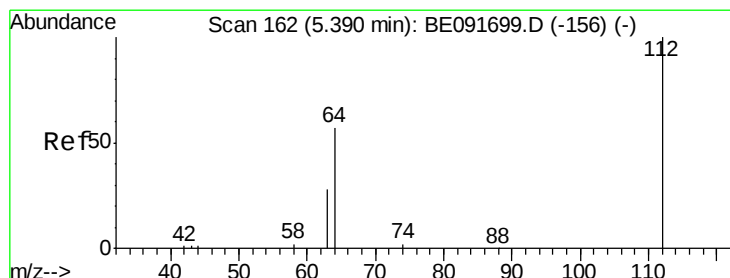
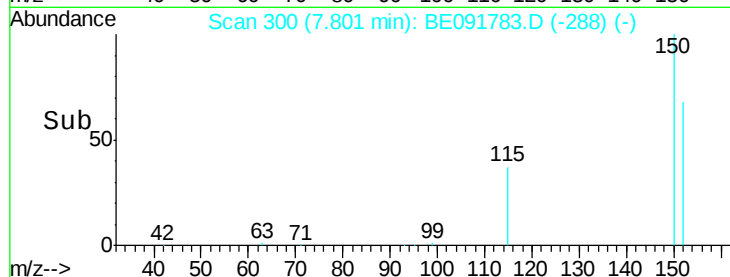
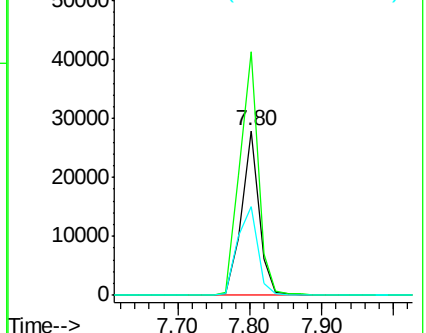
115 54.2 52.8 79.2



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: 6.29 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

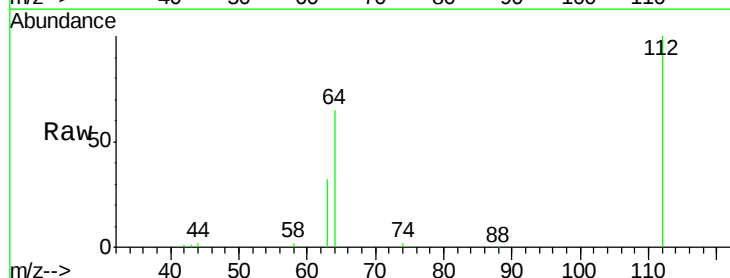
Tgt Ion:112 Resp: 71368

Ion Ratio Lower Upper

112 100

64 66.1 30.9 46.3#

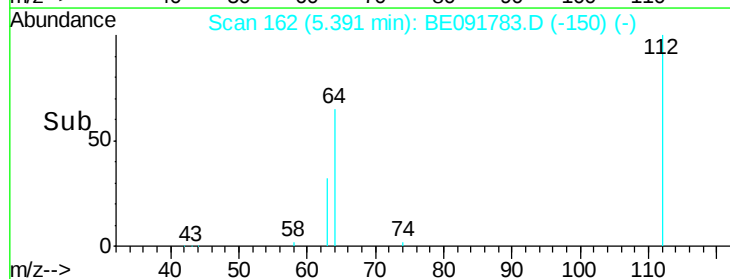
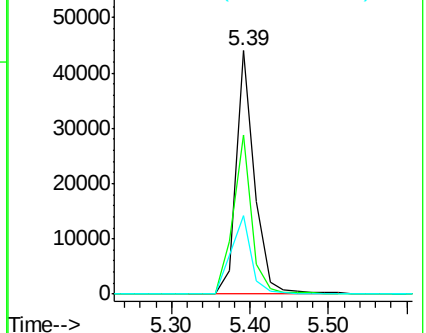
63 35.3 16.7 25.1#

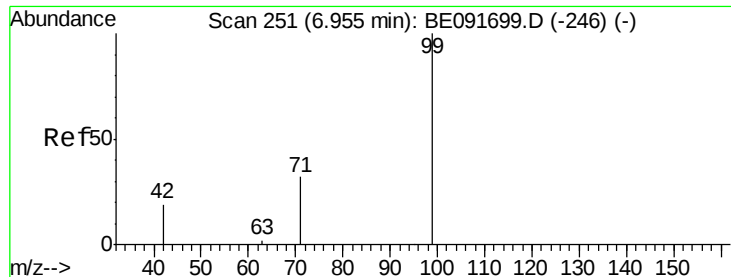


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.66 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

Instrument :

BNA_E

ClientSampleId :

PB90599BL

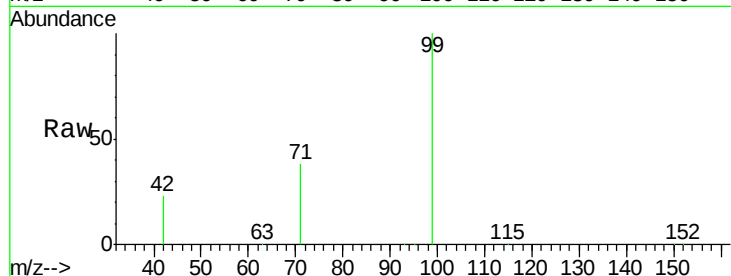
Tgt Ion: 99 Resp: 100244

Ion Ratio Lower Upper

99 100

42 23.9 16.2 24.2

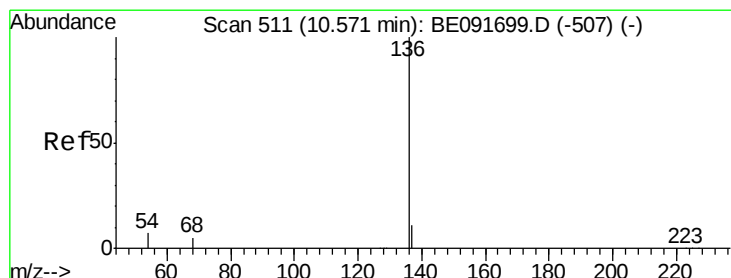
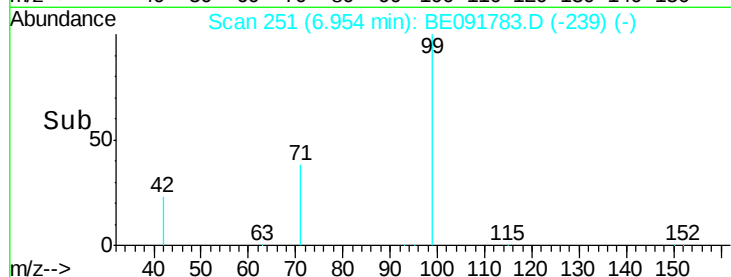
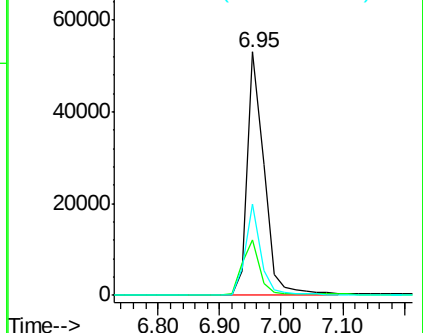
71 35.0 29.0 43.4



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: BE091783.D

Acq: 16 May 2016 20:57

Tgt Ion: 136 Resp: 219532

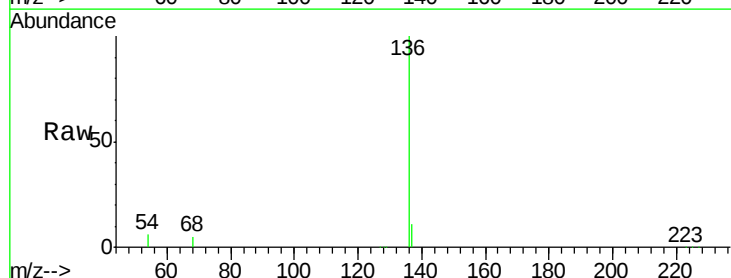
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 8.2 12.4#

68 4.9 6.2 9.4#

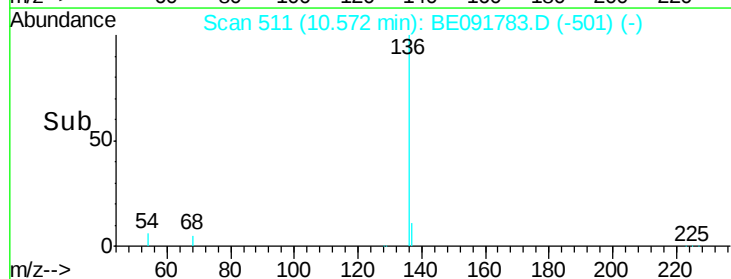
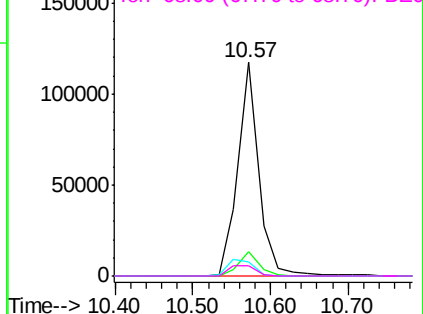


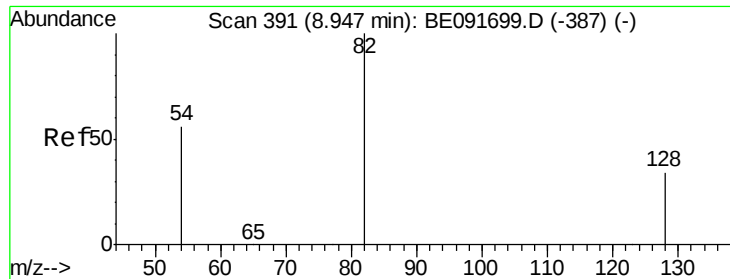
Abundance Ion 136.00 (135.70 to 136.70): E

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

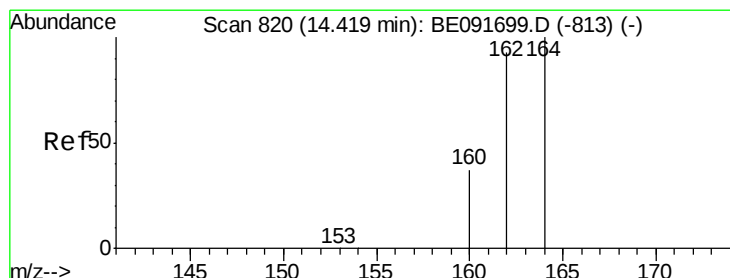
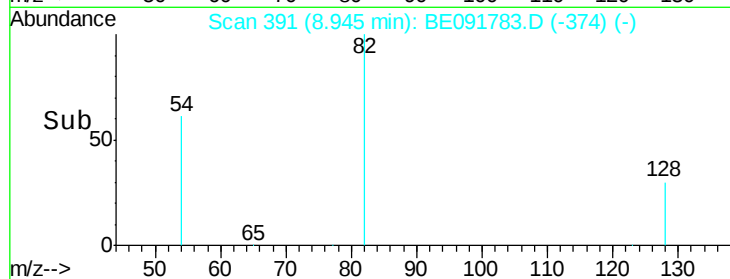
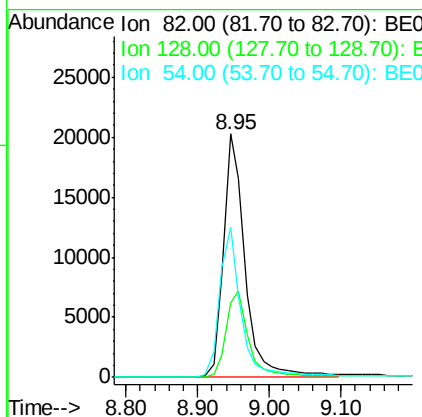
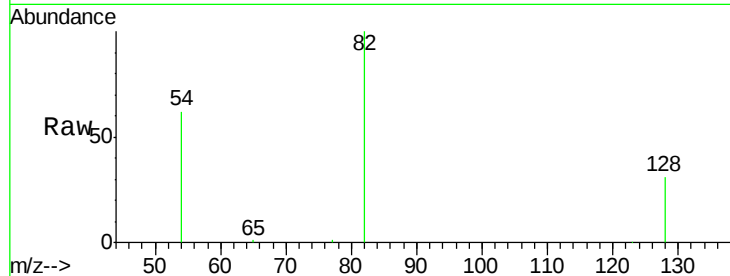




#8
 Nitrobenzene-d5
 Concen: 2.96 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091783.D
 Acq: 16 May 2016 20:57

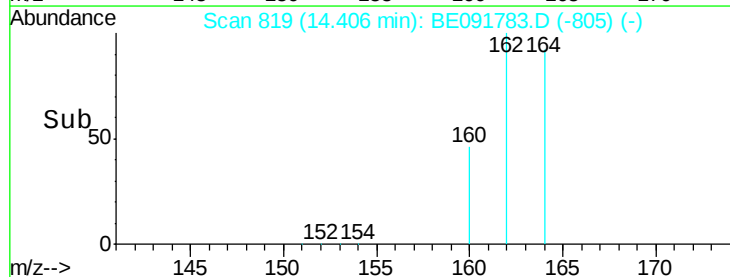
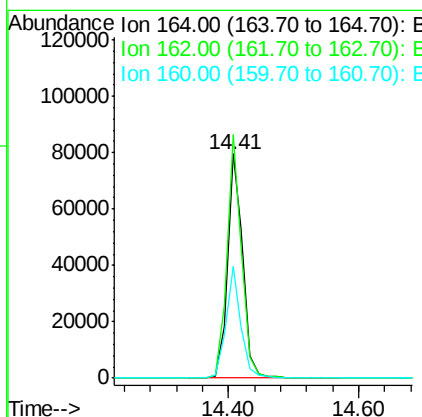
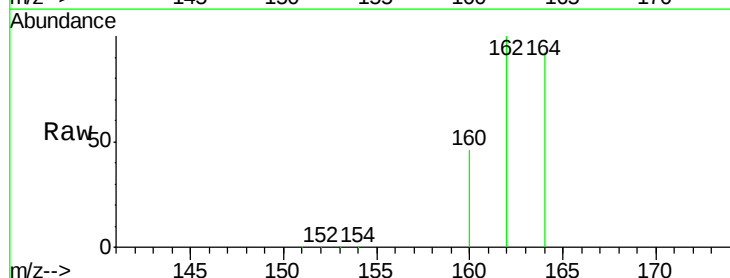
Instrument :
 BNA_E
 ClientSampleId :
 PB90599BL

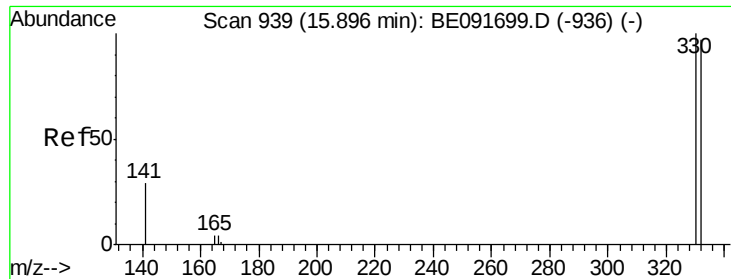
Tgt Ion: 82 Resp: 41951
 Ion Ratio Lower Upper
 82 100
 128 30.6 25.4 38.0
 54 61.6 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091783.D
 Acq: 16 May 2016 20:57

Tgt Ion: 164 Resp: 131862
 Ion Ratio Lower Upper
 164 100
 162 108.8 85.3 127.9
 160 49.7 46.2 69.2

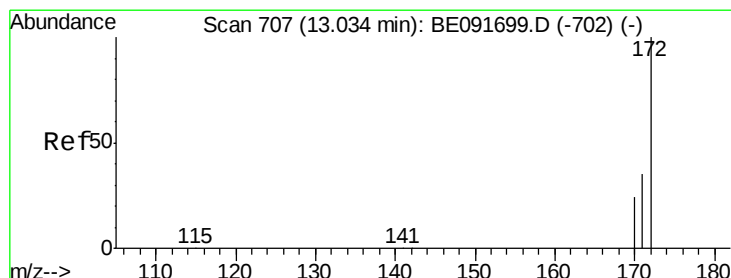
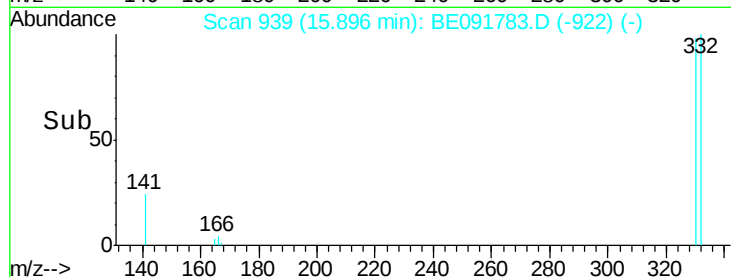
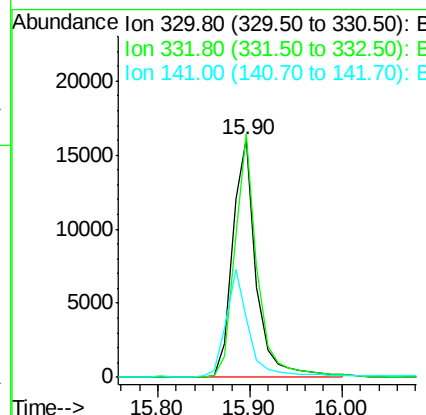
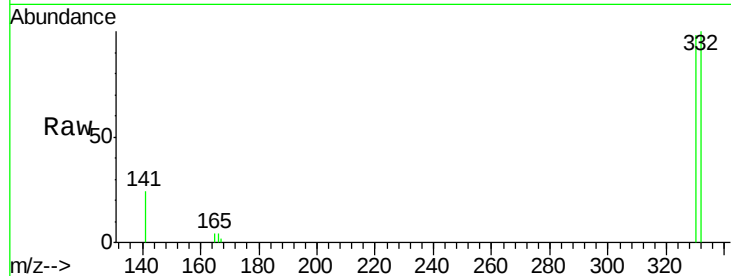




#14
 2,4,6-Tribromophenol
 Concen: 5.83 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BE091783.D
 Acq: 16 May 2016 20:57

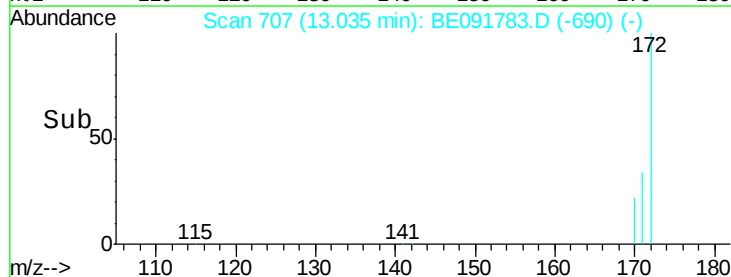
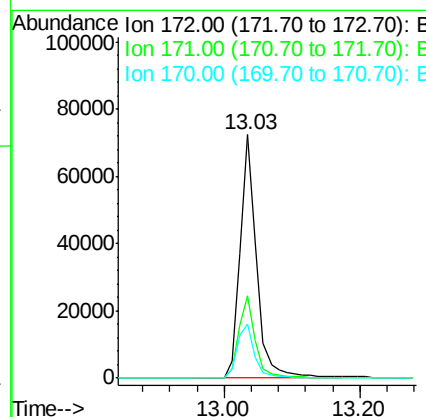
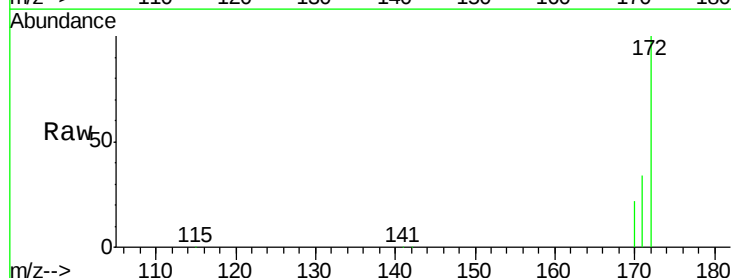
Instrument :
 BNA_E
 ClientSampleId :
 PB90599BL

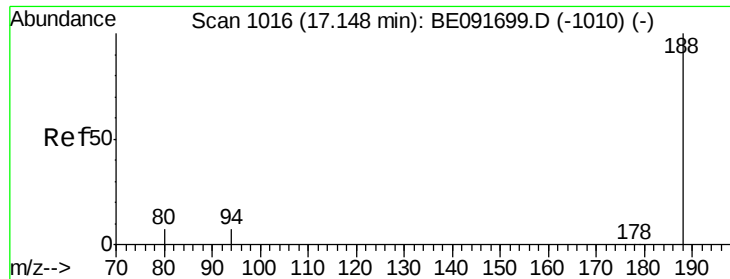
Tgt Ion:330 Resp: 28379
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.1 118.7
 141 42.2 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.30 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091783.D
 Acq: 16 May 2016 20:57

Tgt Ion:172 Resp: 122943
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.8 43.2
 170 22.0 19.3 28.9

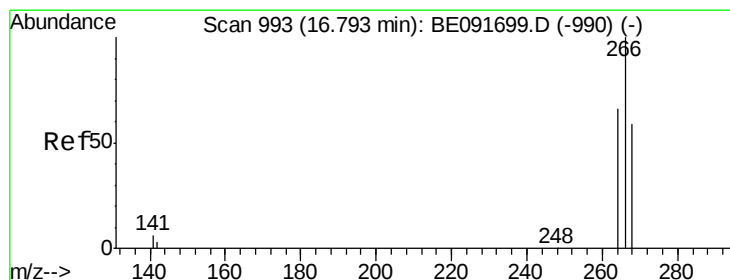
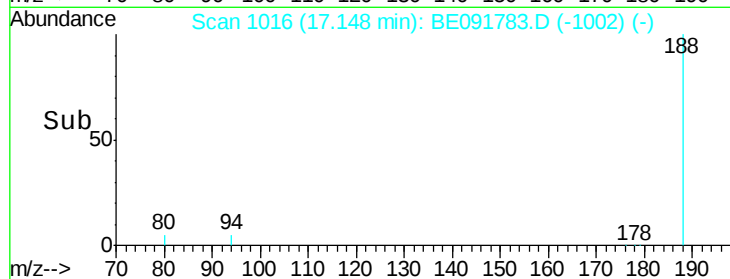
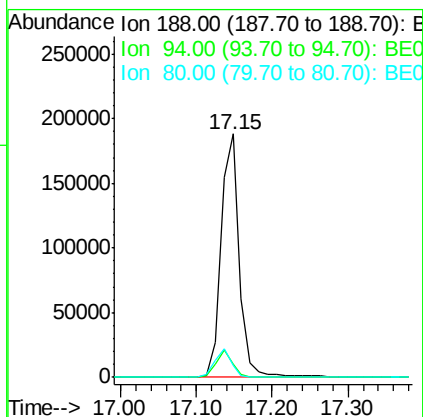
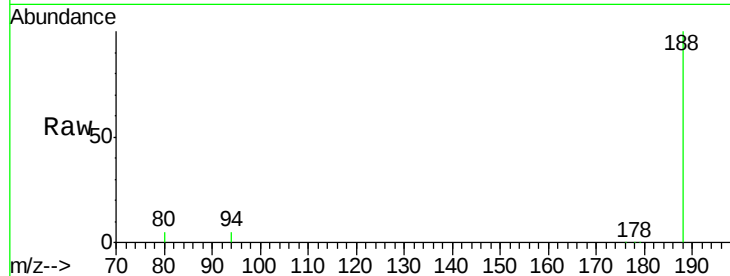




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091783.D
Acq: 16 May 2016 20:57

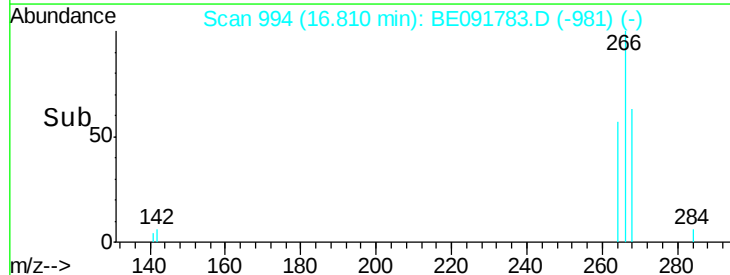
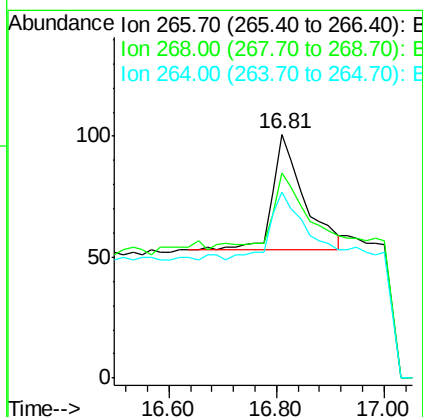
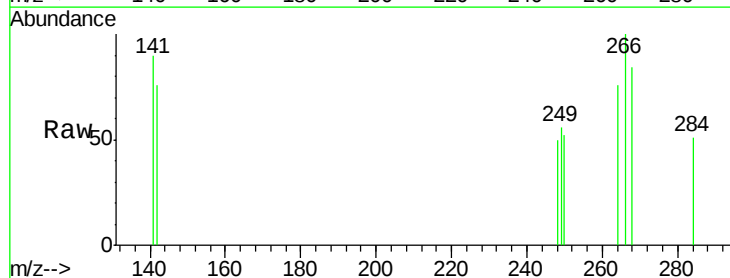
Instrument :
BNA_E
ClientSampleId :
PB90599BL

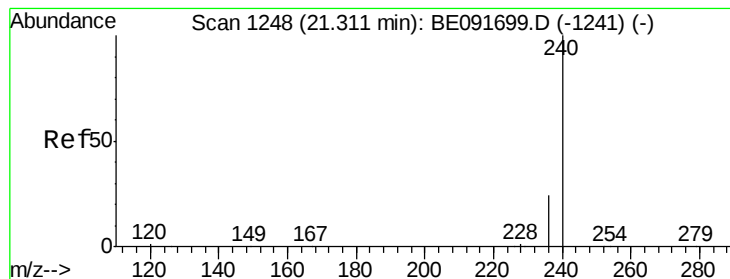
Tgt Ion:188 Resp: 317390
Ion Ratio Lower Upper
188 100
94 5.3 8.7 13.1#
80 4.7 9.4 14.0#



#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091783.D
Acq: 16 May 2016 20:57

Tgt Ion:266 Resp: 193
Ion Ratio Lower Upper
266 100
268 84.2 58.2 87.2
264 76.2 56.2 84.4





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

Instrument :

BNA_E

ClientSampleId :

PB90599BL

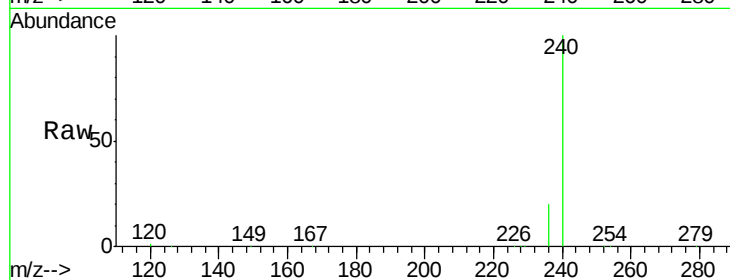
Tgt Ion:240 Resp: 300549

Ion Ratio Lower Upper

240 100

120 1.1 11.0 16.4#

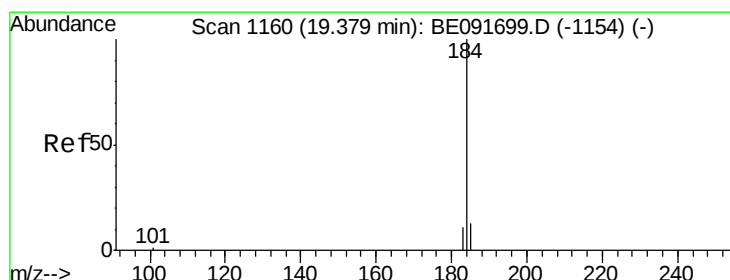
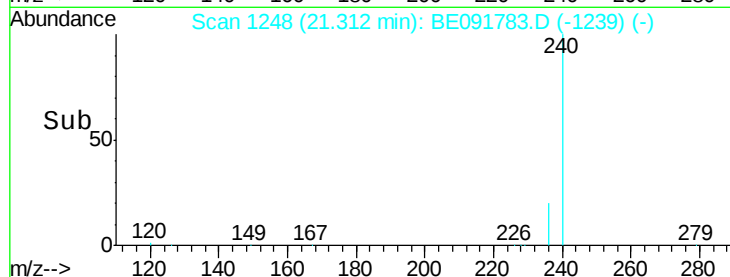
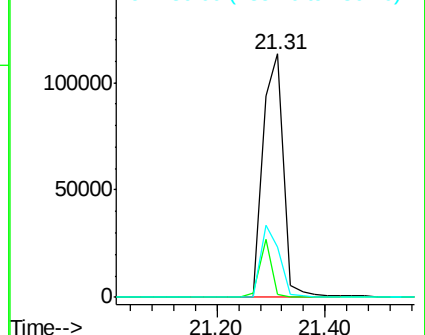
236 20.4 21.7 32.5#



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: 0.30 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.37 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

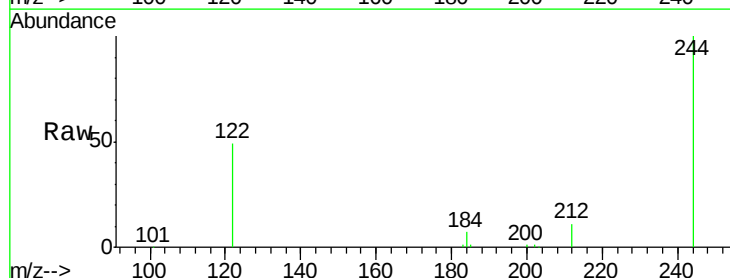
Tgt Ion:184 Resp: 3337

Ion Ratio Lower Upper

184 100

185 17.3 22.3 33.5#

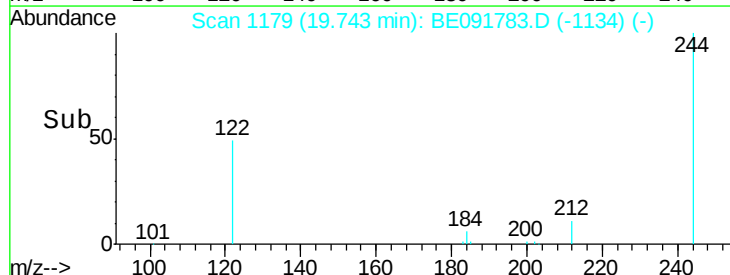
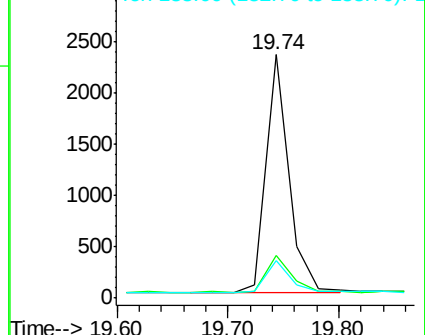
183 15.5 16.4 24.6#

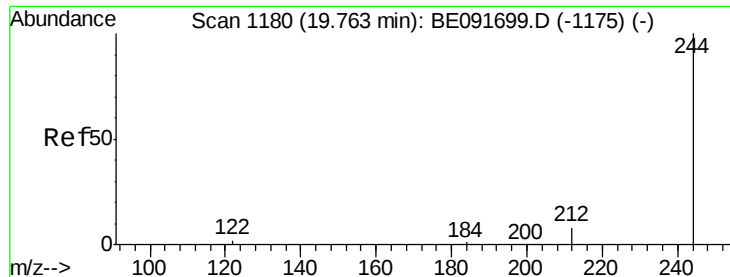


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#29

Terphenyl-d14

Concen: 4.19 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

Instrument :

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PB90599BL

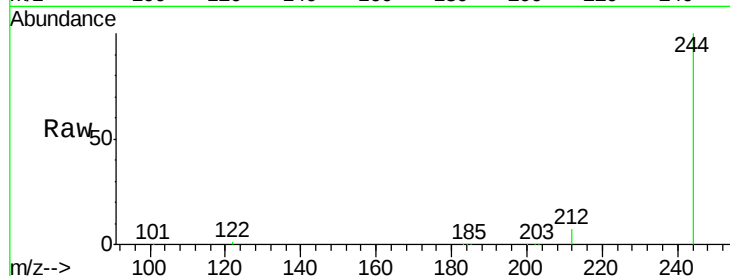
Tgt Ion:244 Resp: 196323

Ion Ratio Lower Upper

244 100

212 7.0 6.9 10.3

122 1.3 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

150000

100000

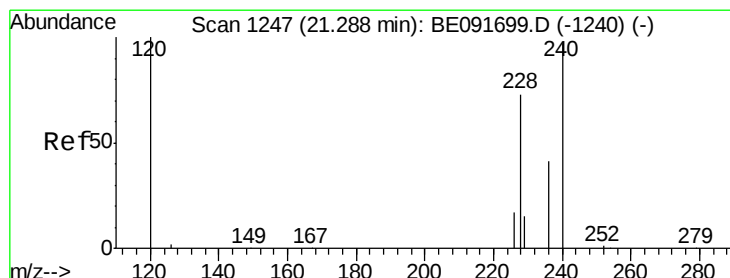
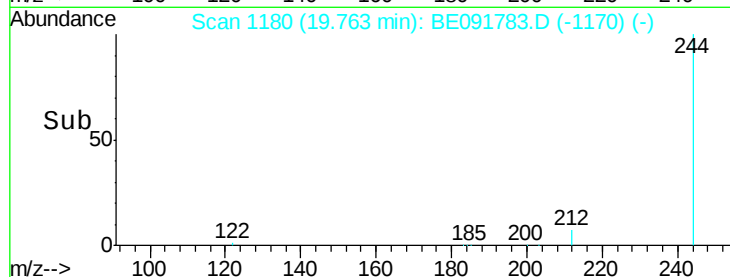
50000

0

19.76

19.60 19.70 19.80 19.90

Time-->



#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

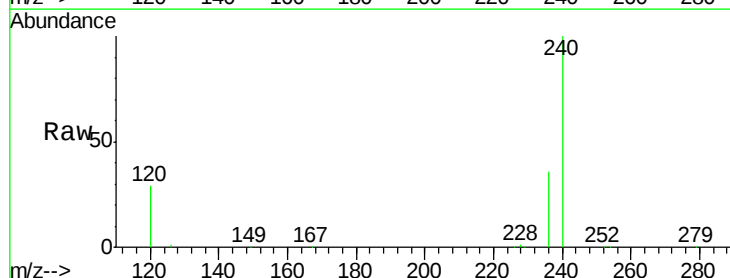
Tgt Ion:228 Resp: 1996

Ion Ratio Lower Upper

228 100

226 20.5 21.0 31.4#

229 28.9 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1000

800

600

400

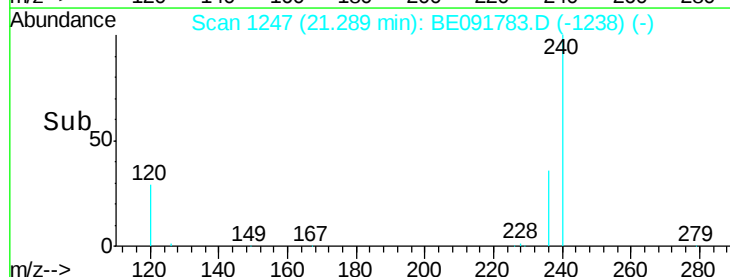
200

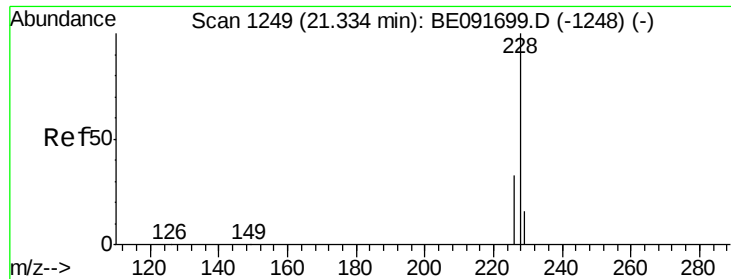
0

21.29

21.20 21.40

Time-->





#32

Chrysene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

Instrument :

BNA_E

ClientSampleId :

PB90599BL

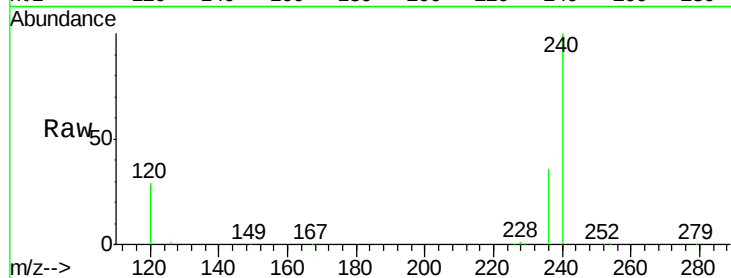
Tgt Ion:228 Resp: 1986

Ion Ratio Lower Upper

228 100

226 20.5 24.0 36.0#

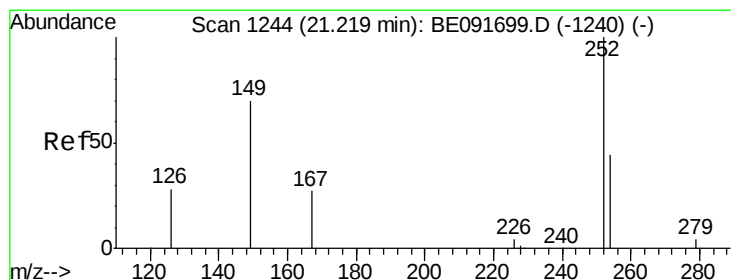
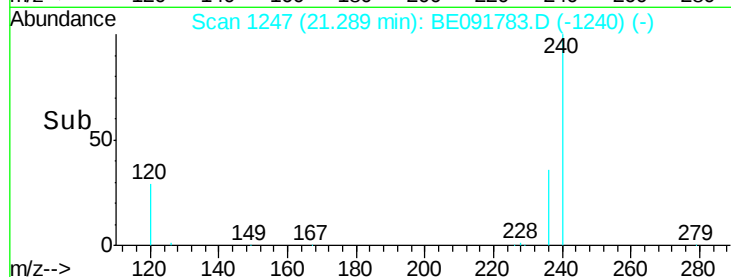
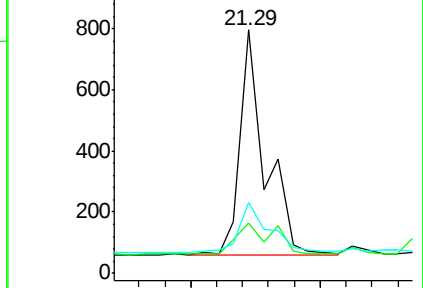
229 28.9 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091783.D

Acq: 16 May 2016 20:57

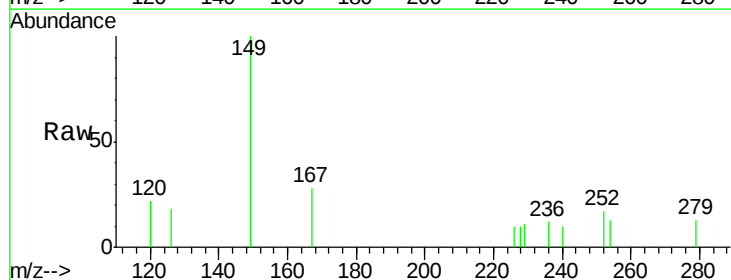
Tgt Ion:149 Resp: 821

Ion Ratio Lower Upper

149 100

167 17.1 19.5 29.3#

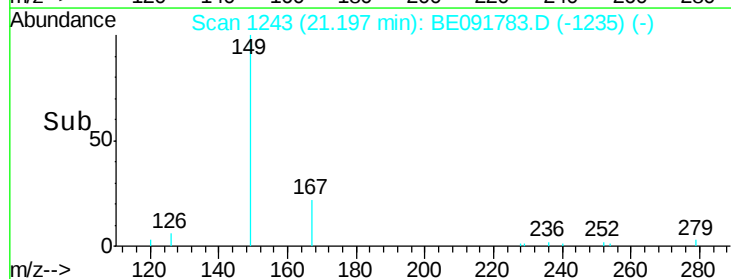
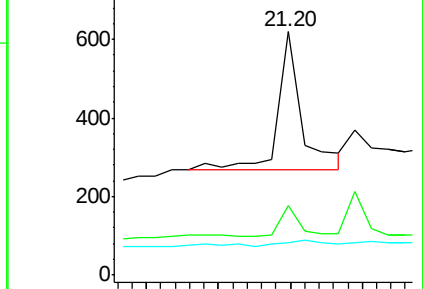
279 0.0 10.0 15.0#

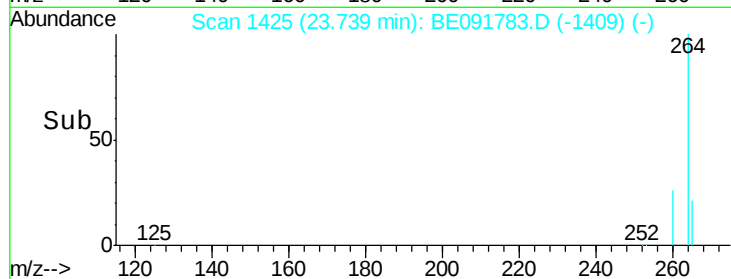
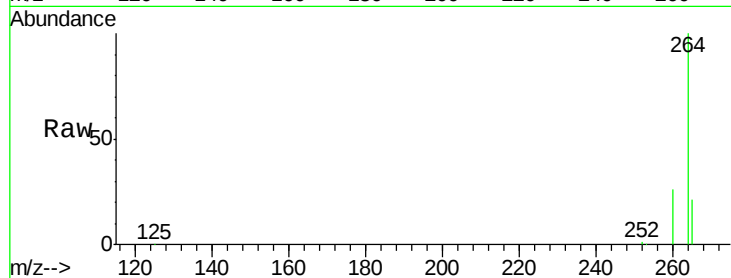
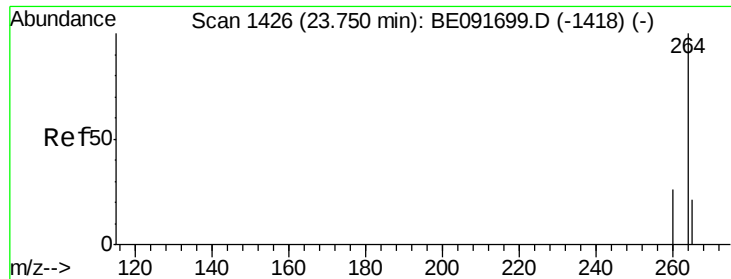


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE091783.D

Acq: 16 May 2016 20:57

Instrument :

BNA_E

ClientSampleId :

PB90599BL

Tgt Ion: 264 Resp: 319100

Ion Ratio Lower Upper

264 100

260 26.3 20.0 30.0

265 21.4 17.5 26.3

