

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
 Data File : BE091760.D
 Acq On : 10 May 2016 17:26
 Operator : UM/SJ
 Sample : PB90409BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90409BL

Quant Time: May 11 01:17:55 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

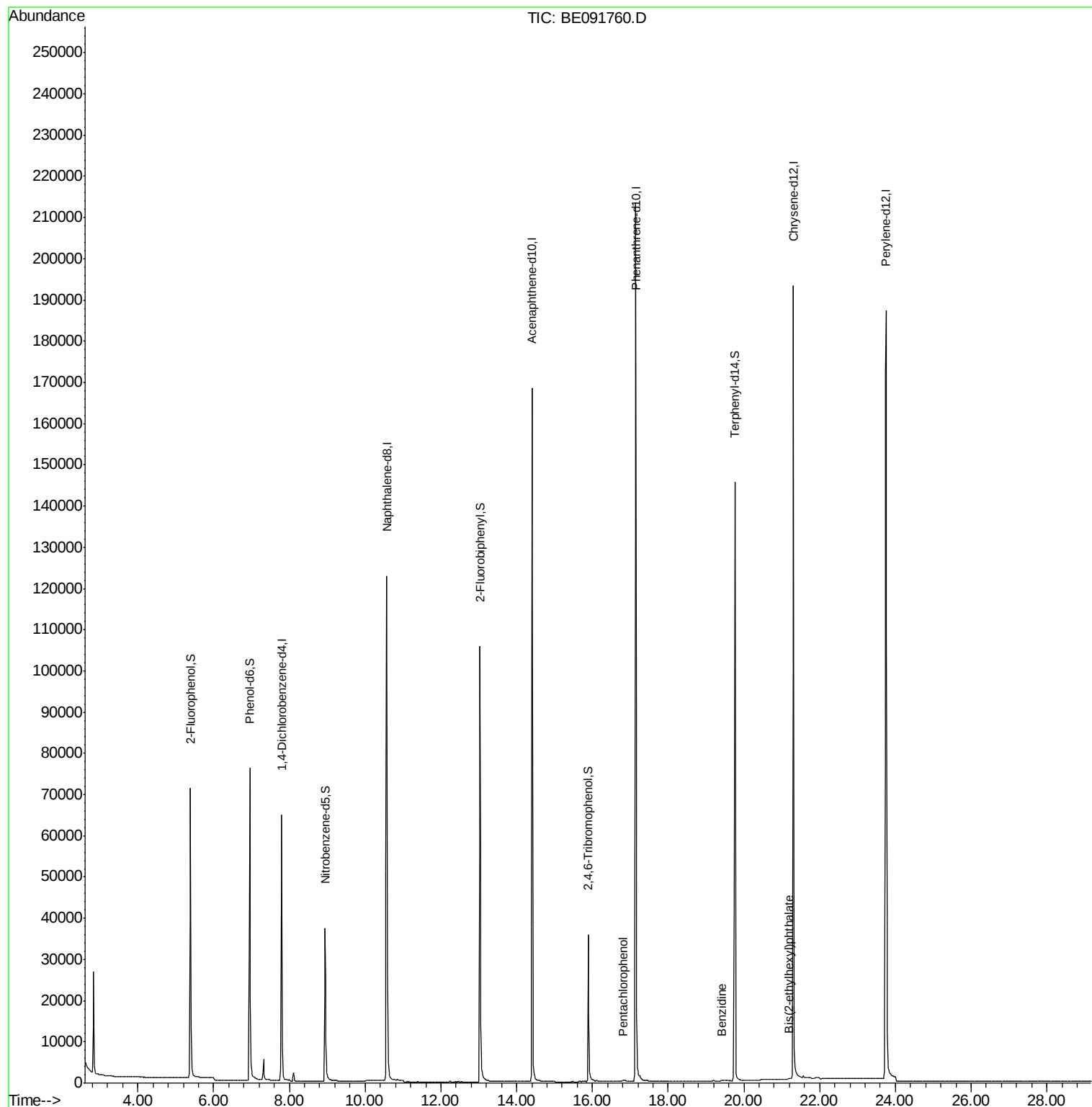
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39974	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	189475	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	115979	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	287382	5.00	ng	0.00
26) Chrysene-d12	21.31	240	302407	5.00	ng	0.00
35) Perylene-d12	23.75	264	297013	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	62519	6.37	ng	0.00
5) Phenol-d6	6.95	99	88798	6.82	ng	0.00
8) Nitrobenzene-d5	8.95	82	38572	3.15	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	25435	5.93	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	113590	3.46	ng	0.00
29) Terphenyl-d14	19.76	244	187374	3.97	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.81	266	241	0.14	ng	Qvalue 91
27) Benzidine	19.42	184	543	0.18	ng	# 58
33) Bis(2-ethylhexyl)phthalate	21.20	149	473	0.02	ng	# 84

(#) = 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: BE091760.D

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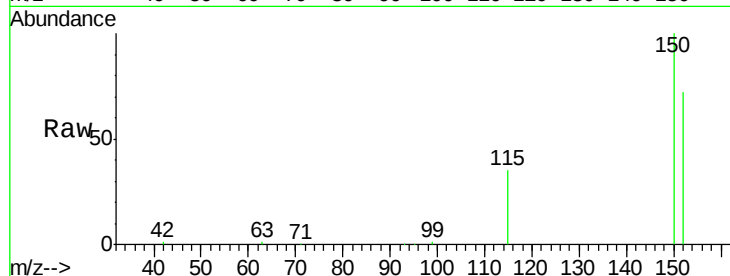
Tgt Ion:152 Resp: 39974

Ion Ratio Lower Upper

152 100

150 139.1 122.6 183.8

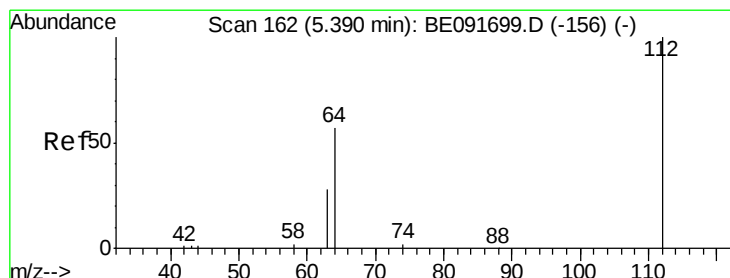
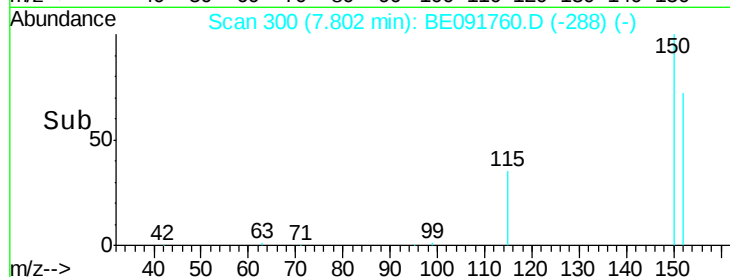
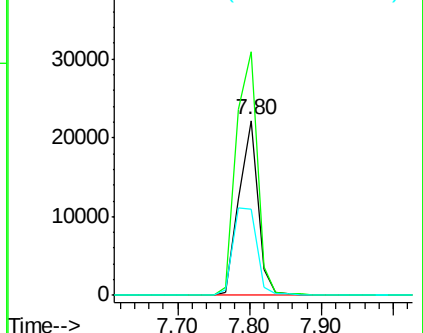
115 48.9 52.8 79.2#



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: 6.37 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091760.D

Acq: 10 May 2016 17:26

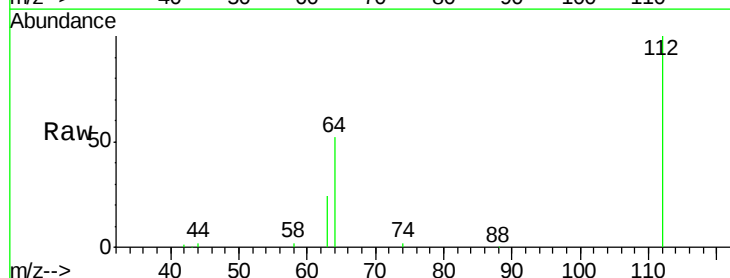
Tgt Ion:112 Resp: 62519

Ion Ratio Lower Upper

112 100

64 66.5 30.9 46.3#

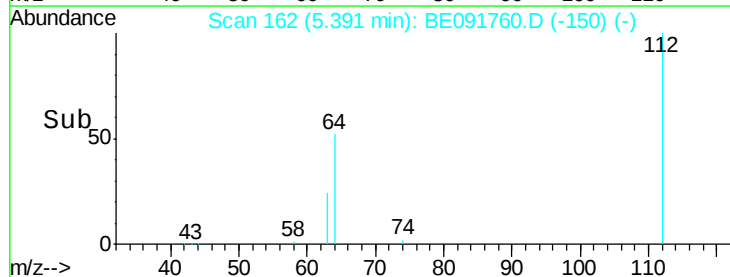
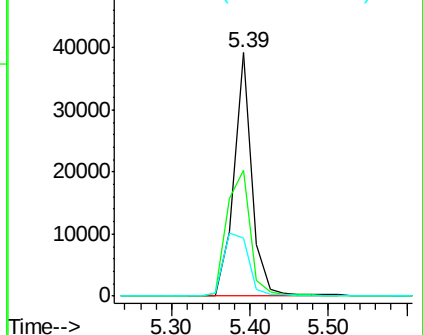
63 35.8 16.7 25.1#

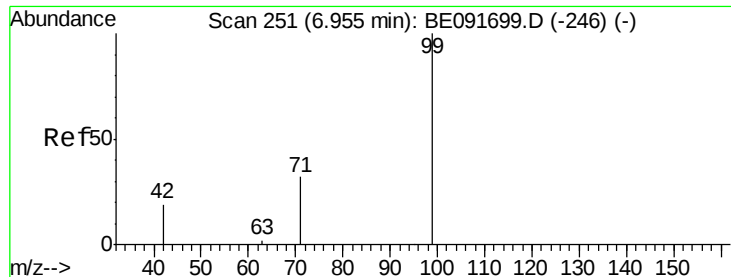


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.82 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091760.D

Acq: 10 May 2016 17:26

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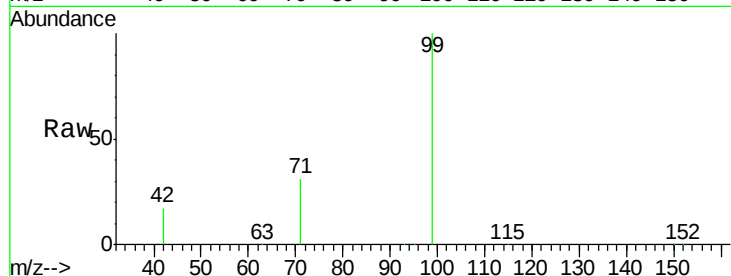
Tgt Ion: 99 Resp: 88798

Ion Ratio Lower Upper

99 100

42 24.5 16.2 24.2#

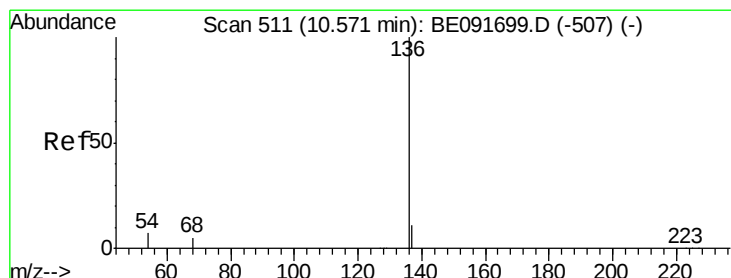
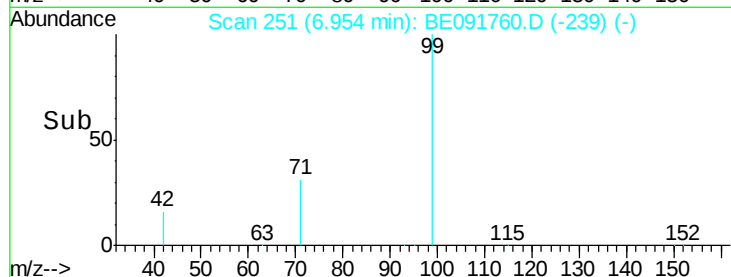
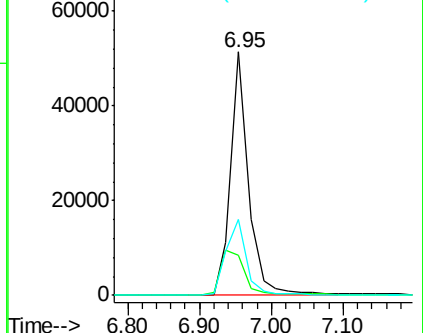
71 35.5 29.0 43.4



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: BE091760.D

Acq: 10 May 2016 17:26

Tgt Ion: 136 Resp: 189475

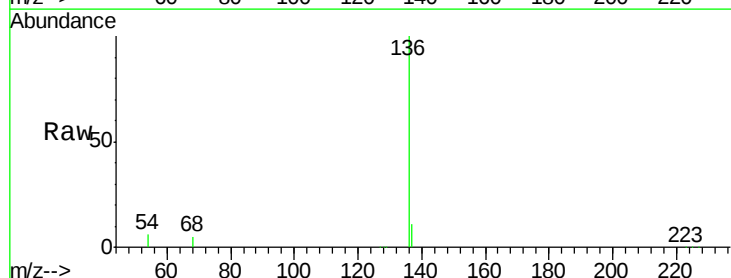
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.2 8.2 12.4#

68 4.7 6.2 9.4#

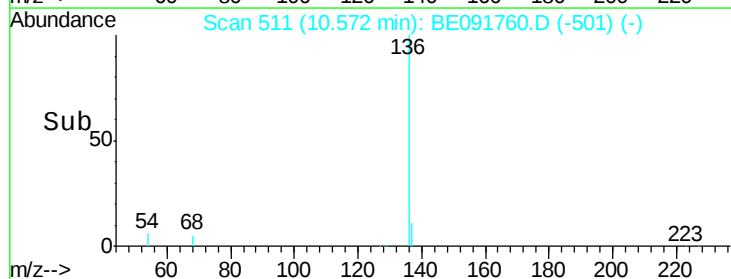
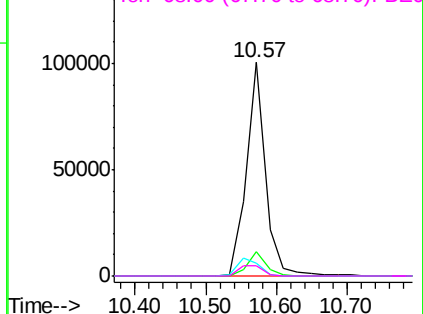


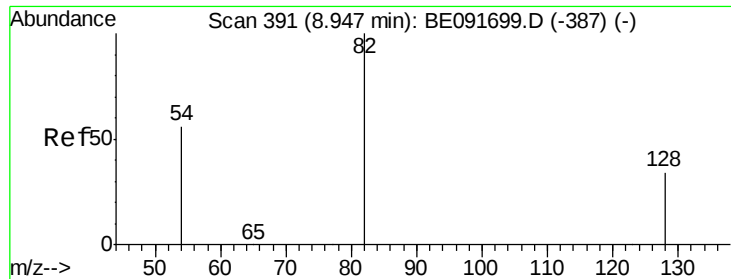
Abundance Ion 136.00 (135.70 to 136.70): E

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

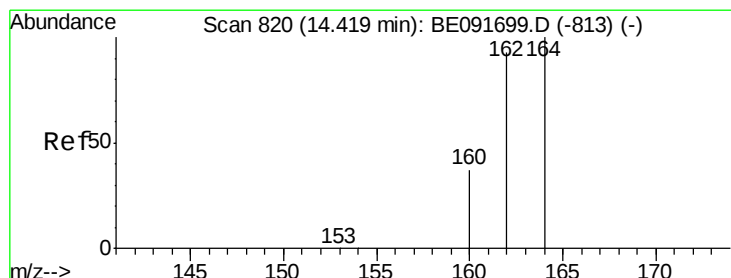
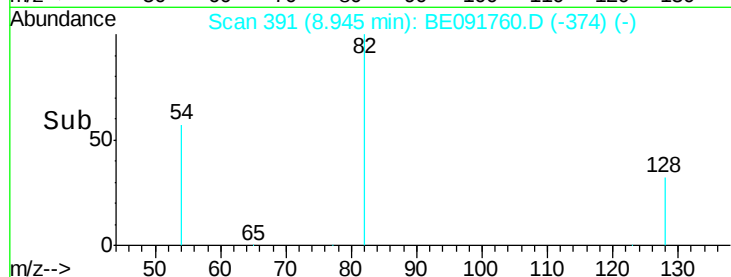
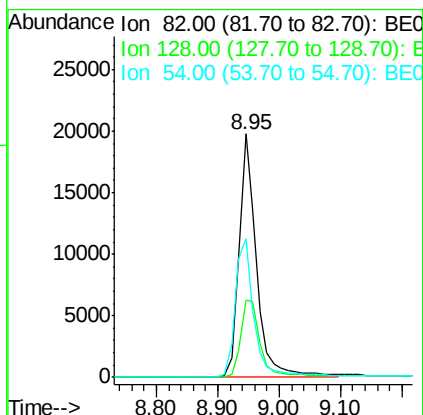
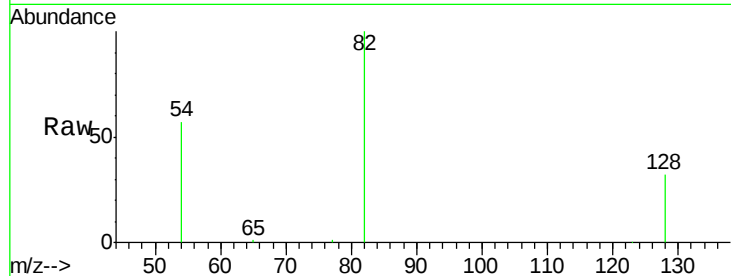




#8
 Nitrobenzene-d5
 Concen: 3.15 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091760.D
 Acq: 10 May 2016 17:26

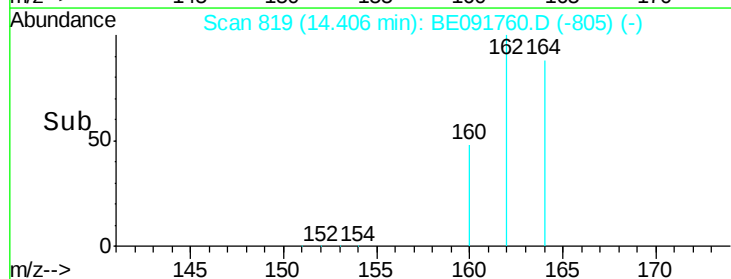
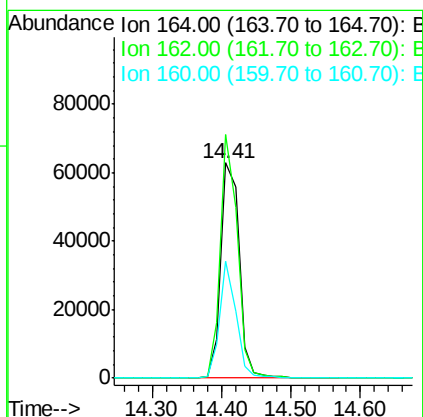
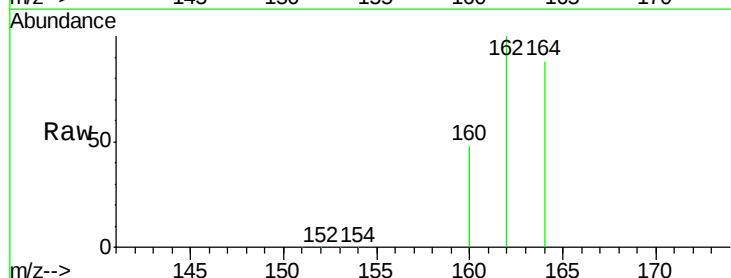
Instrument :
 BNA_E
 ClientSampleID :
 PB90409BL

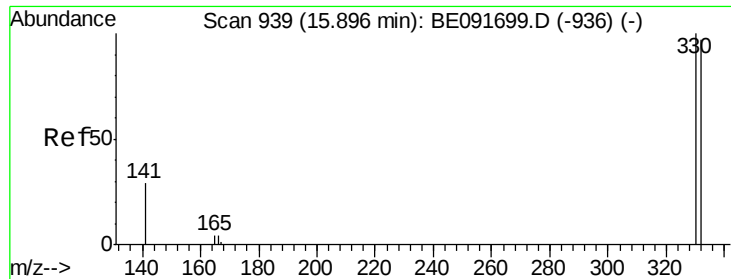
Tgt Ion: 82 Resp: 38572
 Ion Ratio Lower Upper
 82 100
 128 31.9 25.4 38.0
 54 56.8 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091760.D
 Acq: 10 May 2016 17:26

Tgt Ion: 164 Resp: 115979
 Ion Ratio Lower Upper
 164 100
 162 113.1 85.3 127.9
 160 54.1 46.2 69.2

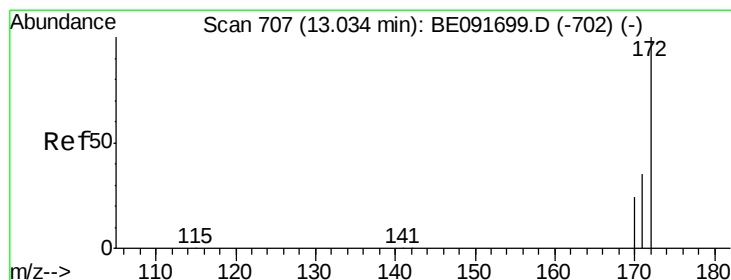
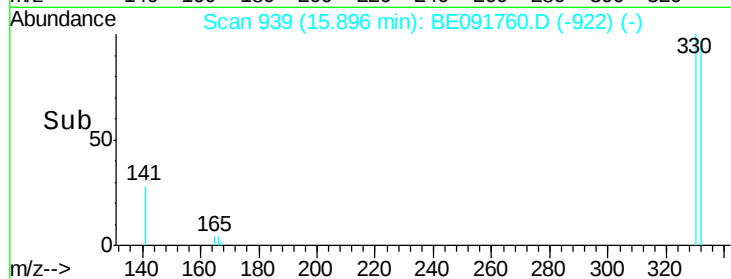
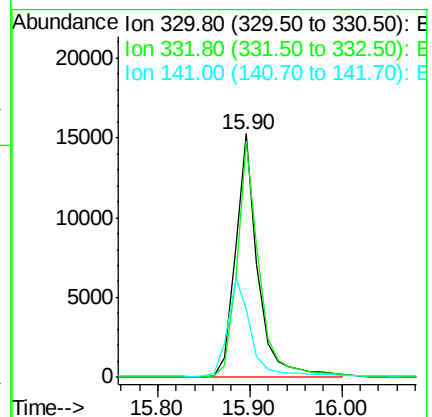
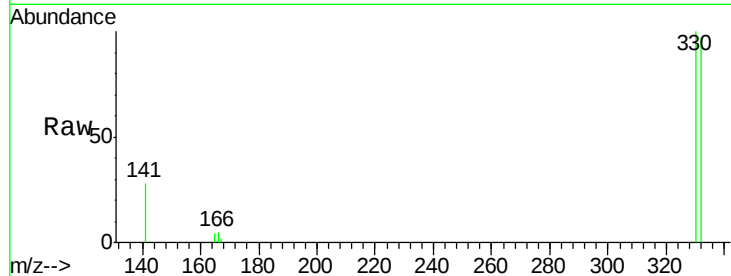




#14
 2,4,6-Tribromophenol
 Concen: 5.93 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BE091760.D
 Acq: 10 May 2016 17:26

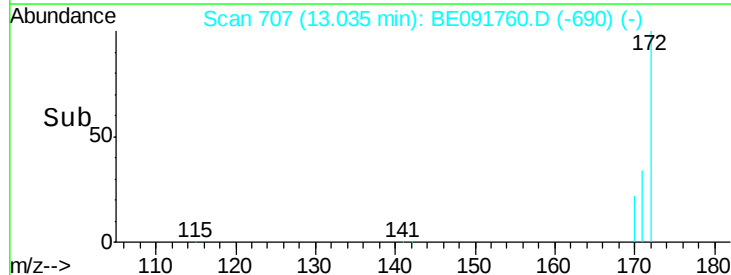
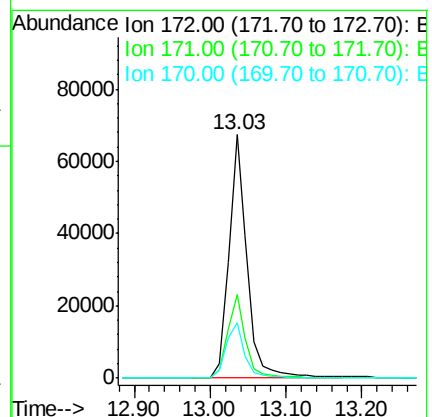
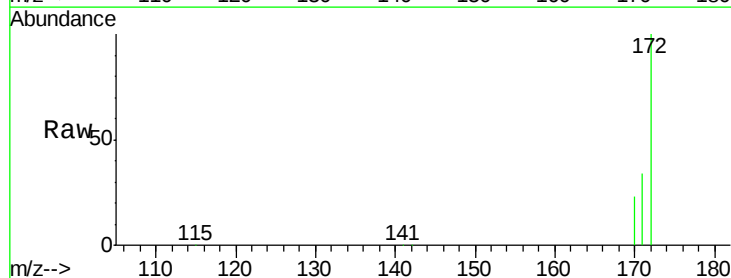
Instrument :
 BNA_E
 ClientSampleId :
 PB90409BL

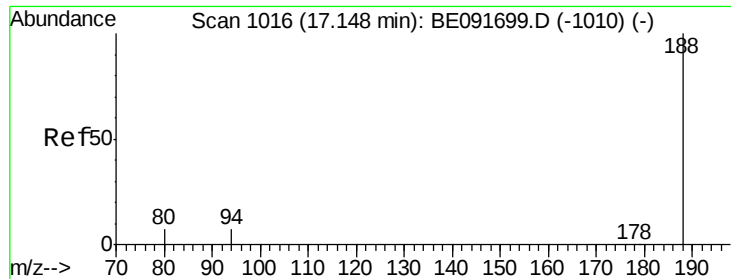
Tgt Ion:330 Resp: 25435
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.1 118.7
 141 42.0 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091760.D
 Acq: 10 May 2016 17:26

Tgt Ion:172 Resp: 113590
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.8 43.2
 170 22.5 19.3 28.9

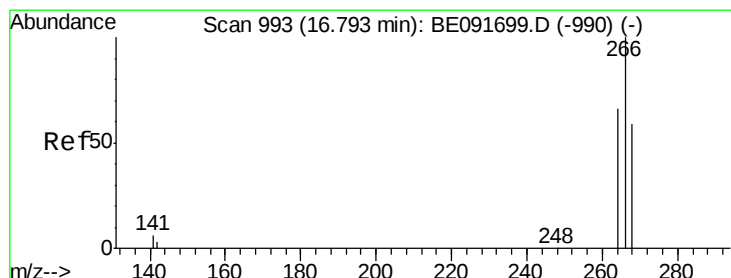
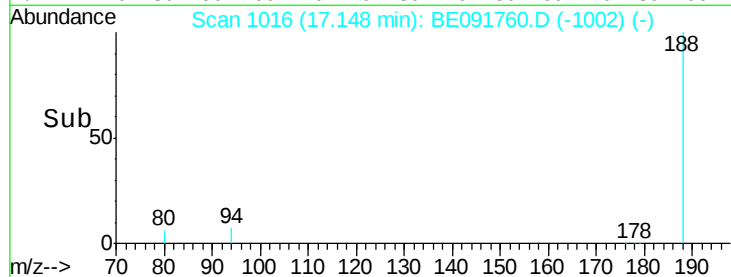
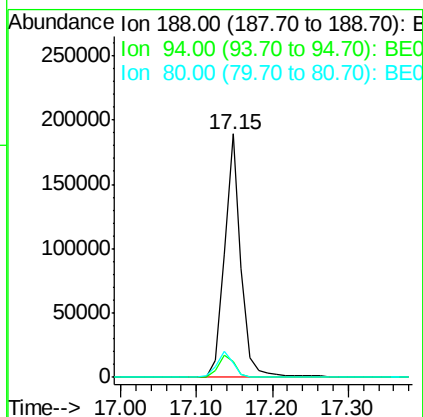
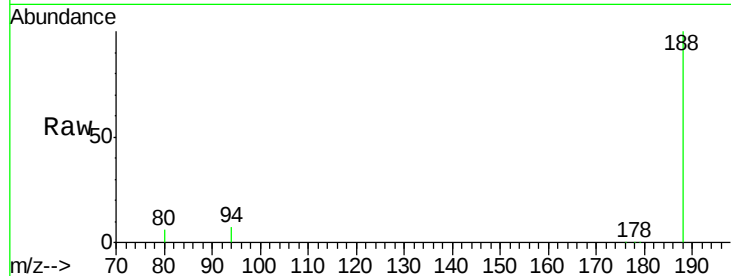




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091760.D
Acq: 10 May 2016 17:26

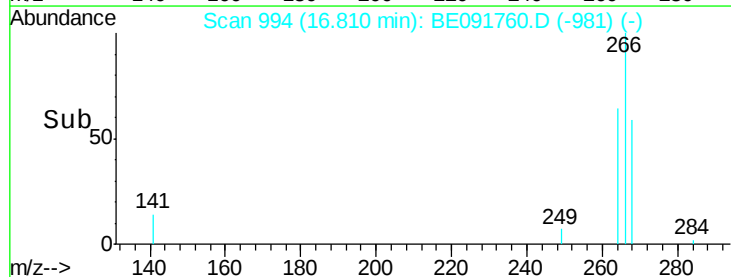
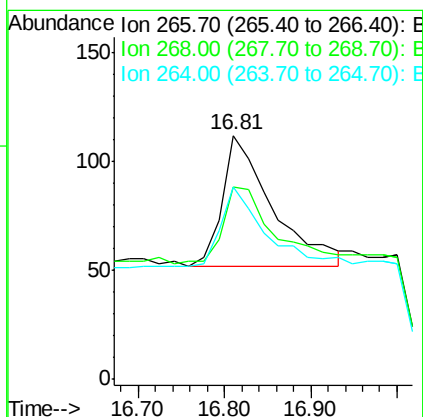
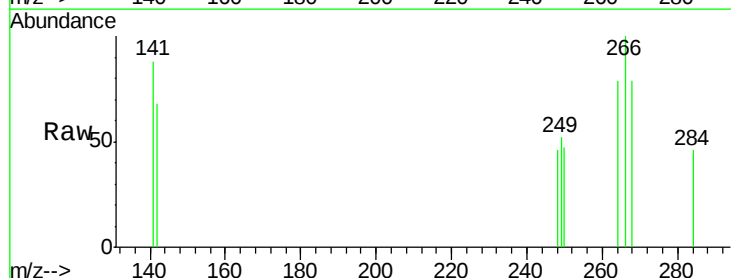
Instrument :
BNA_E
ClientSampleId :
PB90409BL

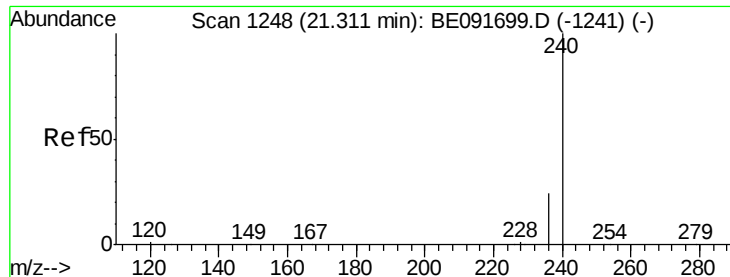
Tgt Ion:188 Resp: 287382
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 6.0 9.4 14.0#



#22
Pentachlorophenol
Concen: 0.14 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091760.D
Acq: 10 May 2016 17:26

Tgt Ion:266 Resp: 241
Ion Ratio Lower Upper
266 100
268 78.6 58.2 87.2
264 78.6 56.2 84.4

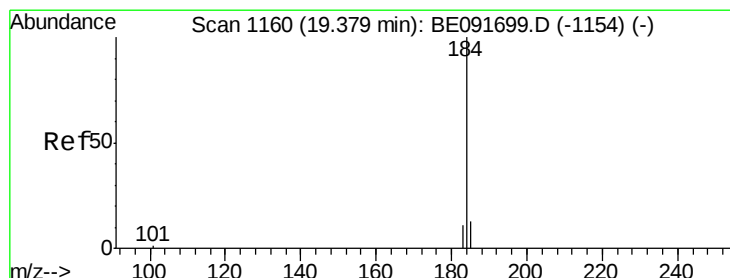
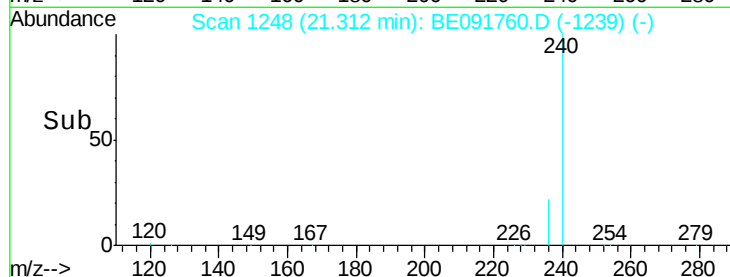
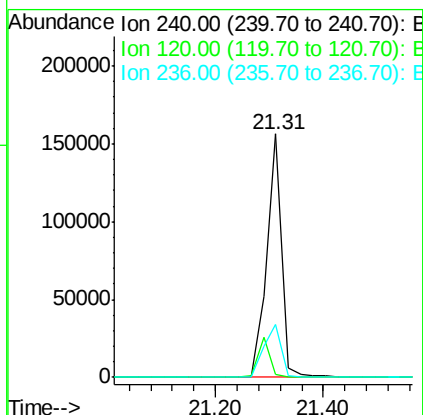
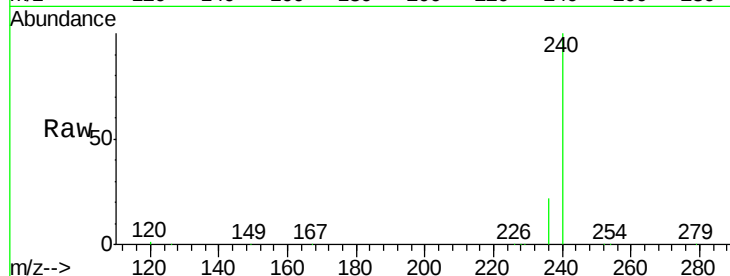




#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.31 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091760.D
 Acq: 10 May 2016 17:26

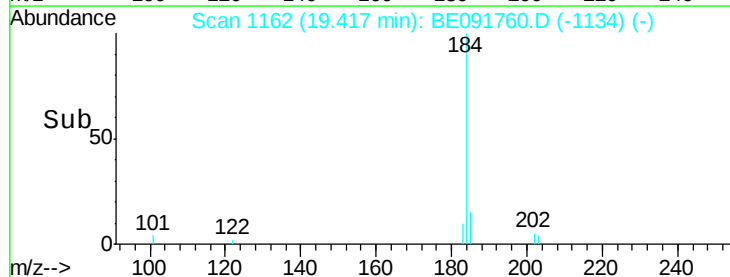
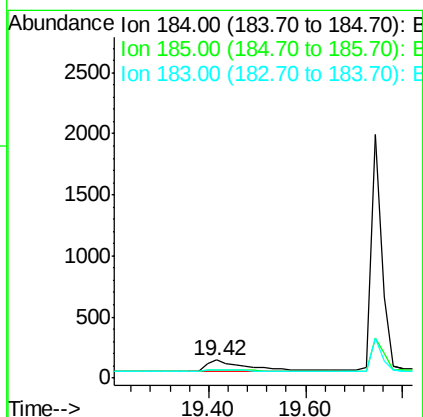
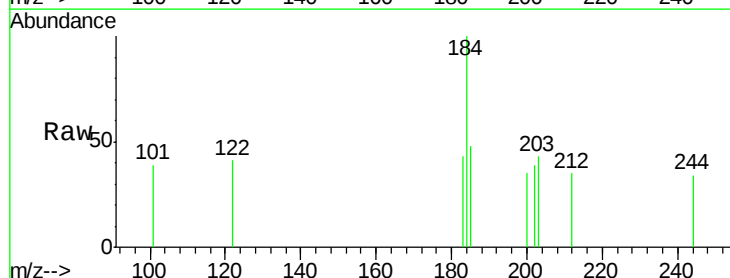
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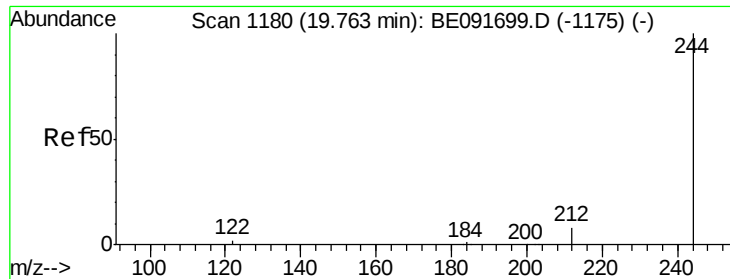
Tgt Ion: 240 Resp: 302407
 Ion Ratio Lower Upper
 240 100
 120 1.0 11.0 16.4#
 236 21.9 21.7 32.5



#27
 Benzidine
 Concen: 0.18 ng
 RT: 19.42 min Scan# 1162
 Delta R.T. 0.04 min
 Lab File: BE091760.D
 Acq: 10 May 2016 17:26

Tgt Ion: 184 Resp: 543
 Ion Ratio Lower Upper
 184 100
 185 47.6 22.3 33.5#
 183 42.9 16.4 24.6#





#29

Terphenyl-d14

Concen: 3.97 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091760.D

Acq: 10 May 2016 17:26

Instrument :

BNA_E

ClientSampleId :

PB90409BL

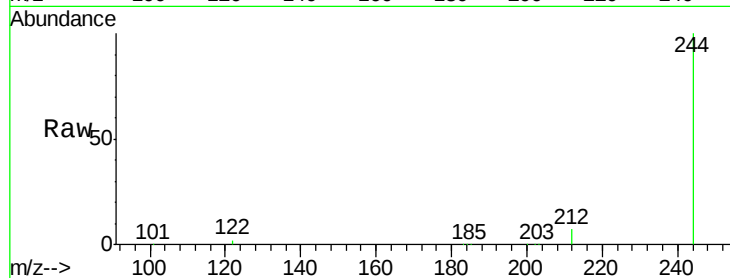
Tgt Ion:244 Resp: 187374

Ion Ratio Lower Upper

244 100

212 7.4 6.9 10.3

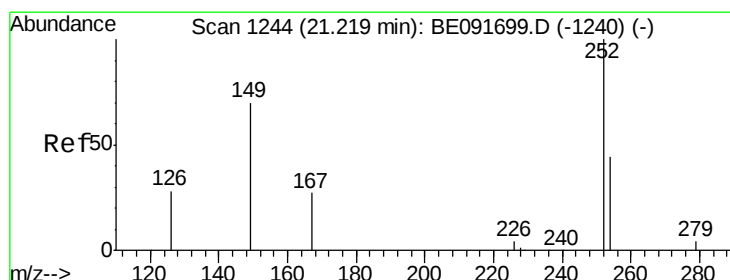
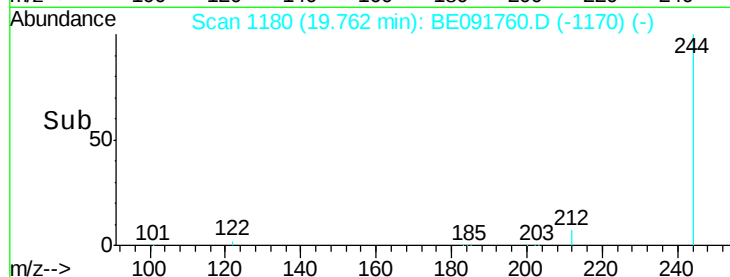
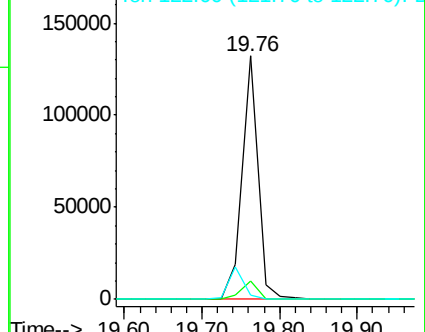
122 1.6 11.0 16.4#



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: 0.02 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091760.D

Acq: 10 May 2016 17:26

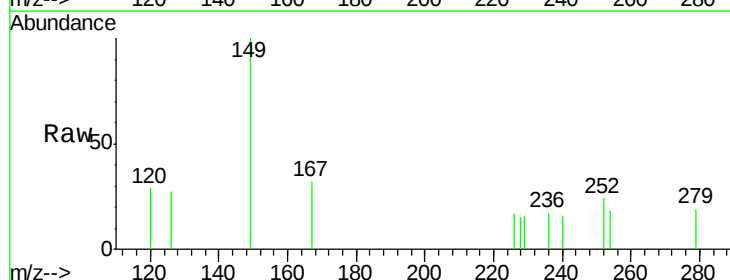
Tgt Ion:149 Resp: 473

Ion Ratio Lower Upper

149 100

167 28.5 19.5 29.3

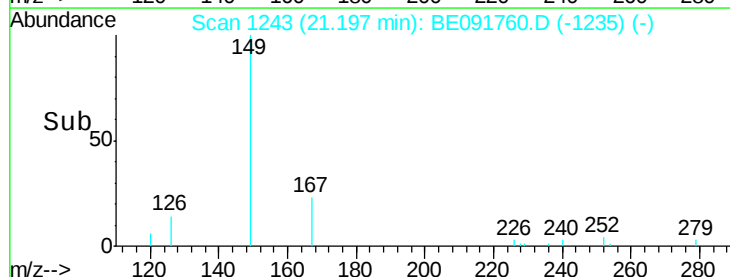
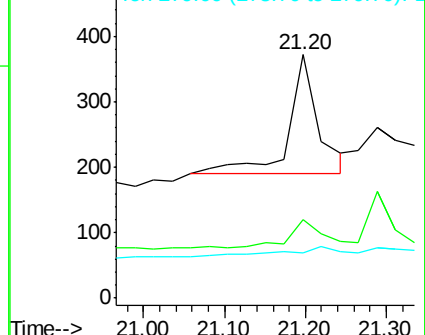
279 0.0 10.0 15.0#

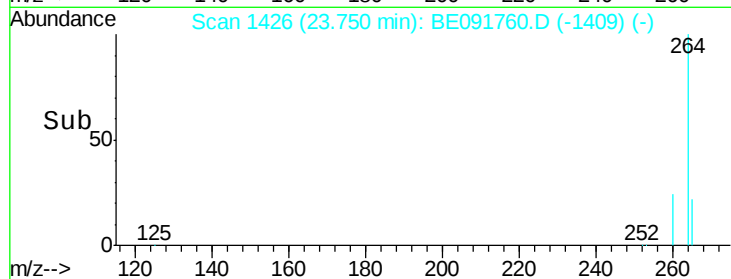
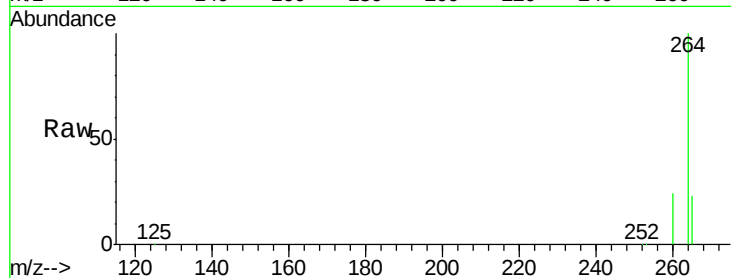
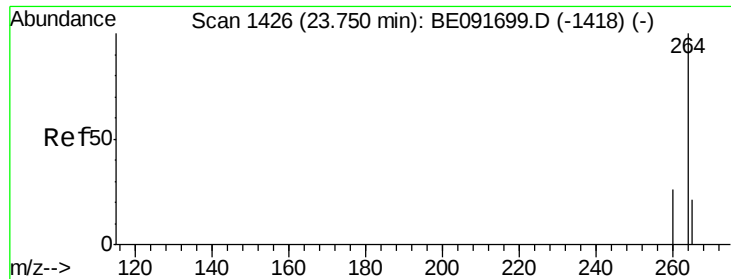


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.75 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE091760.D

Acq: 10 May 2016 17:26

Instrument :

BNA_E

ClientSampleId :

PB90409BL

Tgt Ion:264 Resp: 297013

Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

265 22.7 17.5 26.3

