

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042916\
 Data File : BE091736.D
 Acq On : 29 Apr 2016 16:38
 Operator : UM/SJ
 Sample : H2769-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160427

Quant Time: Apr 29 23:07:20 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

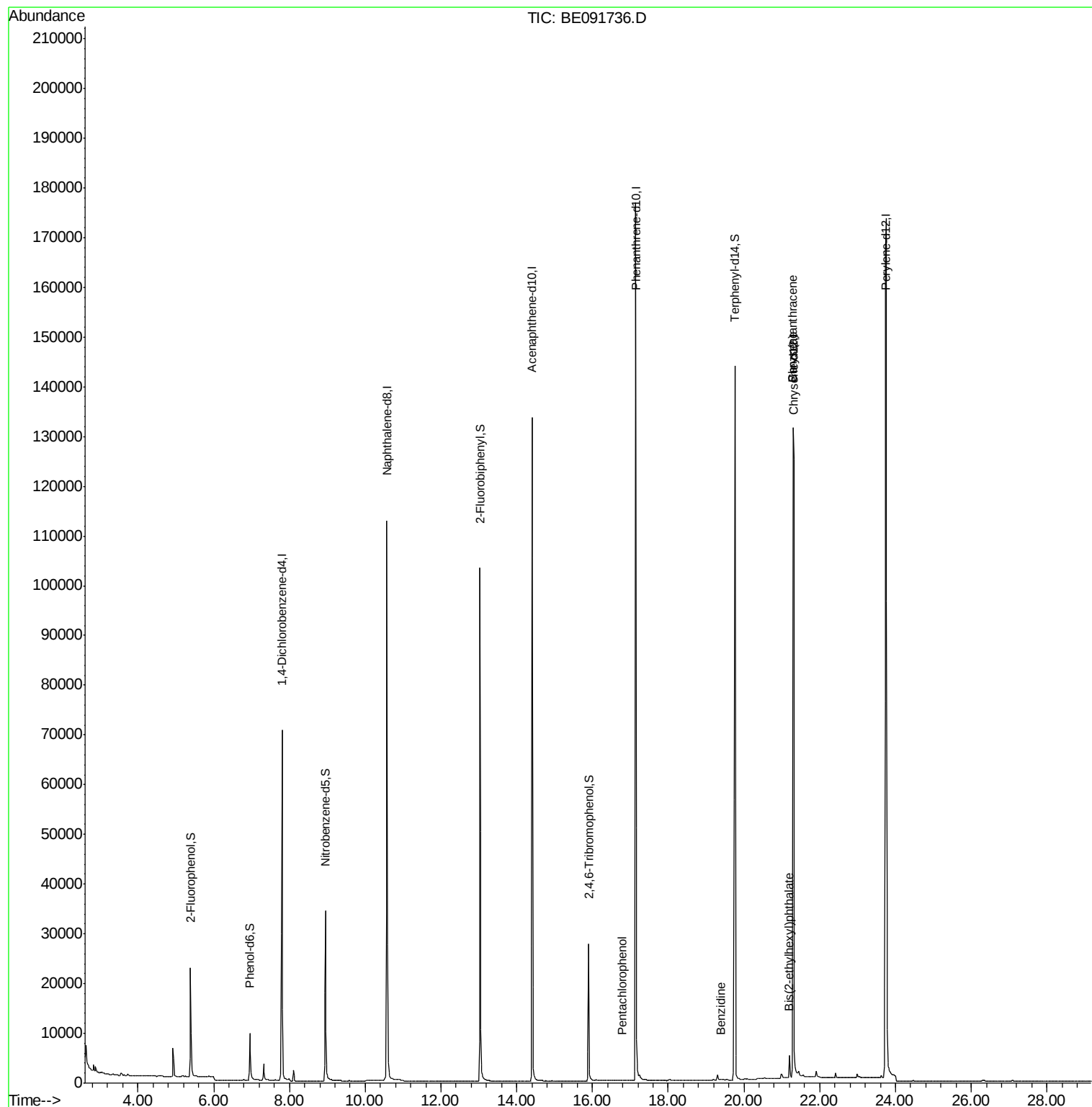
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37172	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	163551	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	92465	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	237866	5.00	ng	0.00
26) Chrysene-d12	21.31	240	258070	5.00	ng	0.00
35) Perylene-d12	23.75	264	279429	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	18085	1.98	ng	0.00
5) Phenol-d6	6.95	99	12652	1.04	ng	0.00
8) Nitrobenzene-d5	8.95	82	35408	3.35	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	20218	5.92	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	107383	4.11	ng	0.00
29) Terphenyl-d14	19.76	244	193033	4.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	406	Below Cal	#	64
22) Pentachlorophenol	16.79	266	151	0.13 ng	#	82
27) Benzidine	19.40	184	247	0.17 ng	#	1
30) Benzo(a)anthracene	21.29	228	1534	0.02 ng	#	84
32) Chrysene	21.29	228	1509	0.02 ng	#	81
33) Bis(2-ethylhexyl)phthalate	21.20	149	5502	0.29 ng	#	87

(#) = 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

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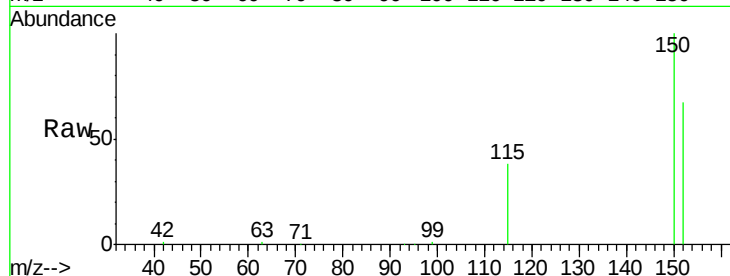
Tgt Ion:152 Resp: 37172

Ion Ratio Lower Upper

152 100

150 149.7 122.6 183.8

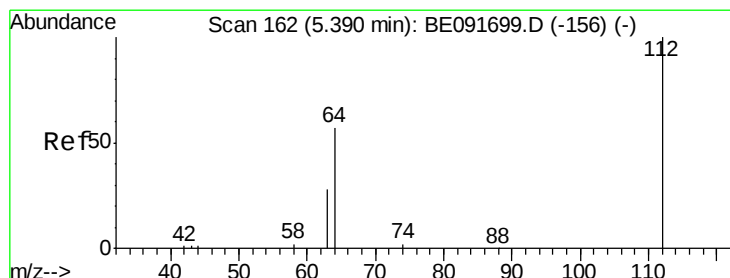
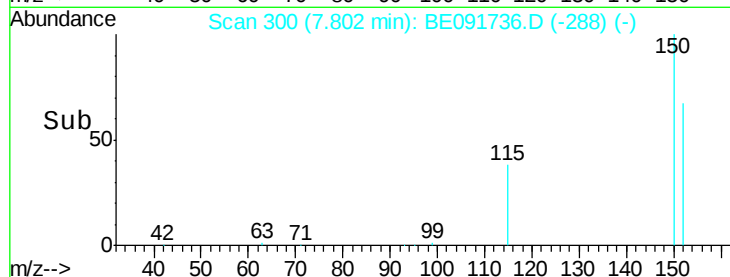
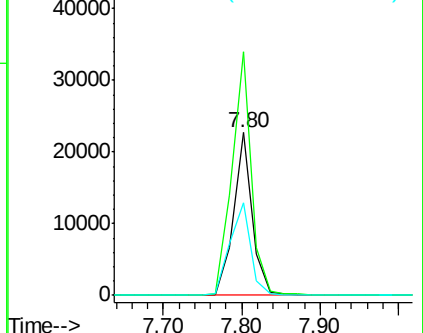
115 57.2 52.8 79.2



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: 1.98 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

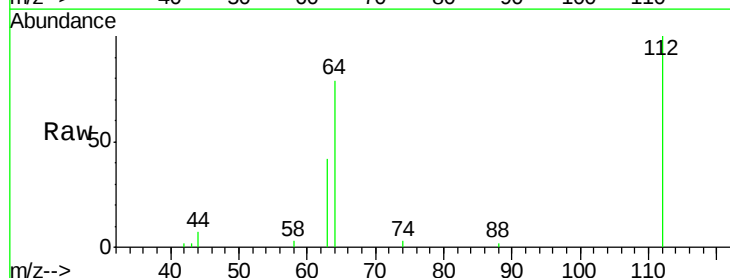
Tgt Ion:112 Resp: 18085

Ion Ratio Lower Upper

112 100

64 68.2 30.9 46.3#

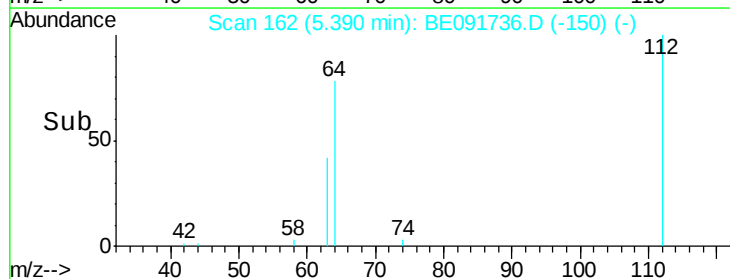
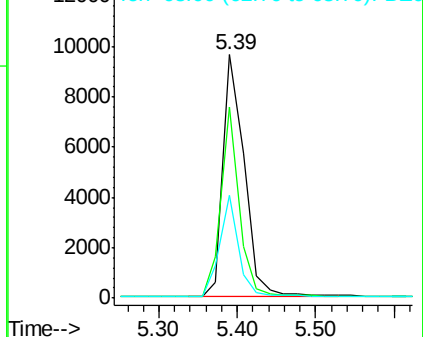
63 37.3 16.7 25.1#

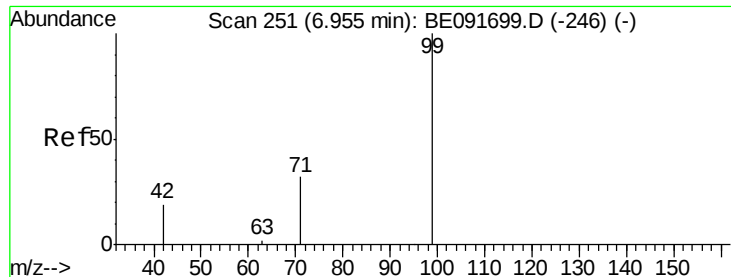


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.04 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

Instrument :

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ClientSampleId :

KY038PS037-160427

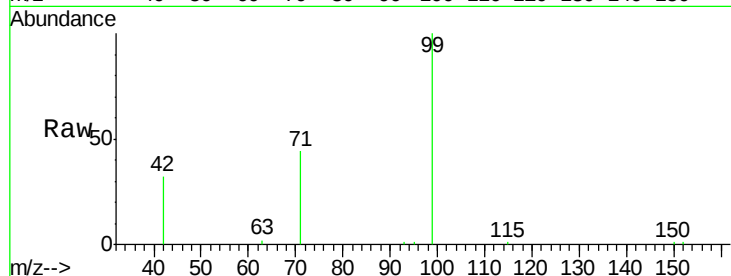
Tgt Ion: 99 Resp: 12652

Ion Ratio Lower Upper

99 100

42 25.8 16.2 24.2#

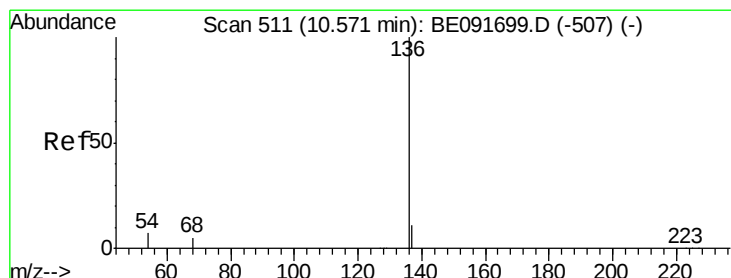
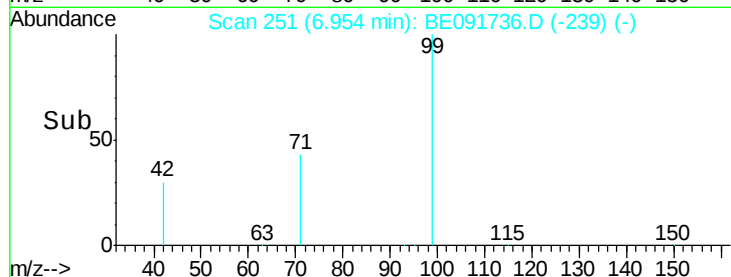
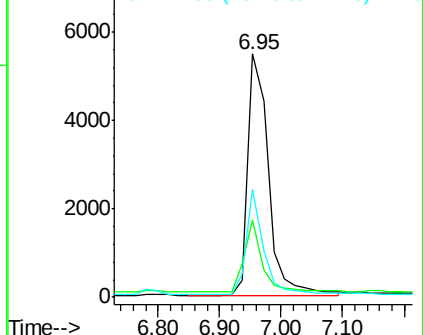
71 36.7 29.0 43.4



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: BE091736.D

Acq: 29 Apr 2016 16:38

Tgt Ion: 136 Resp: 163551

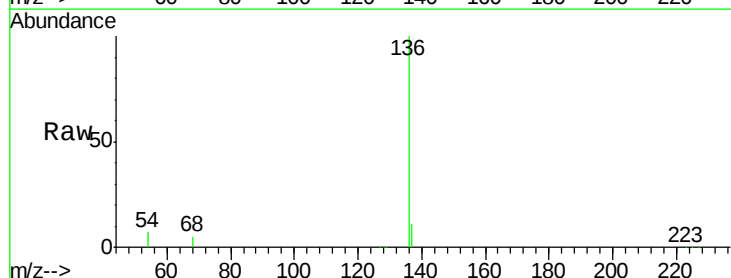
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 8.2 12.4#

68 5.2 6.2 9.4#

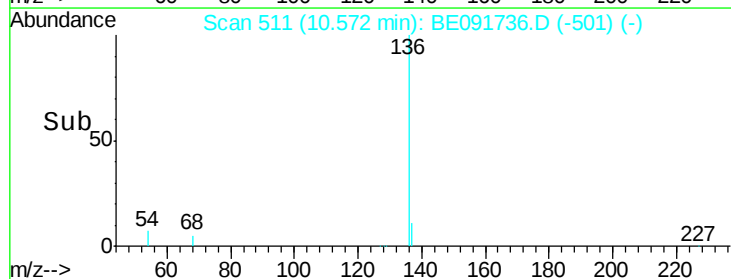
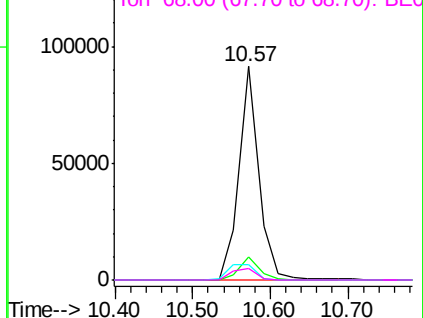


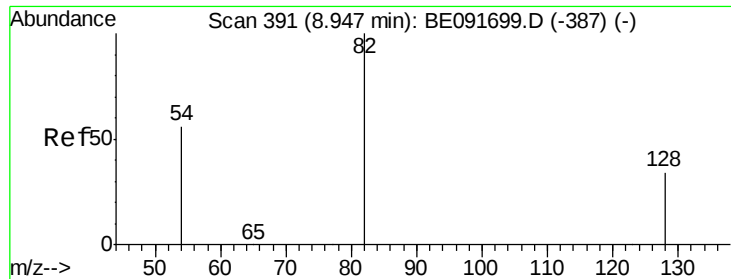
Abundance Ion 136.00 (135.70 to 136.70): E

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

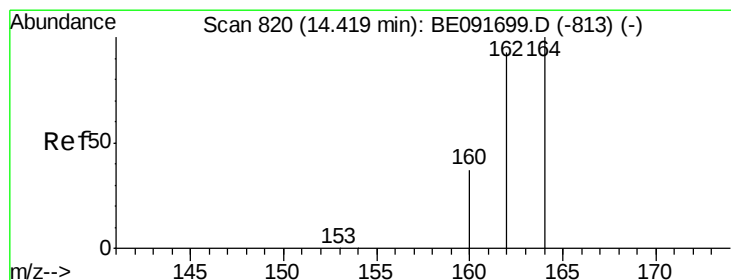
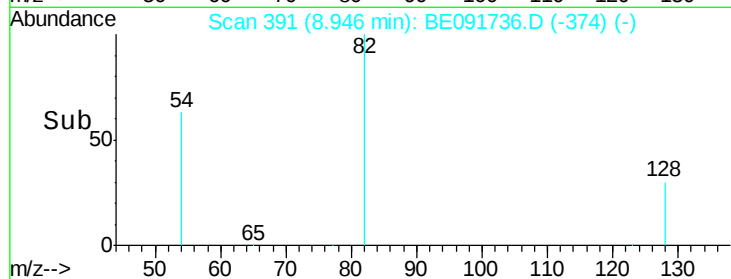
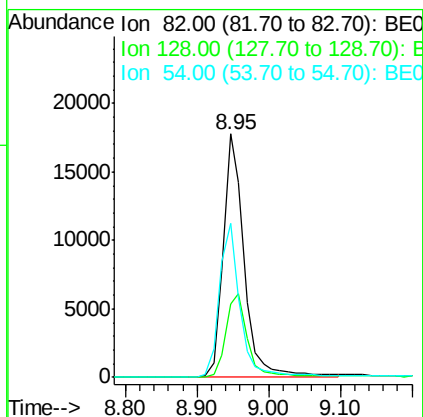
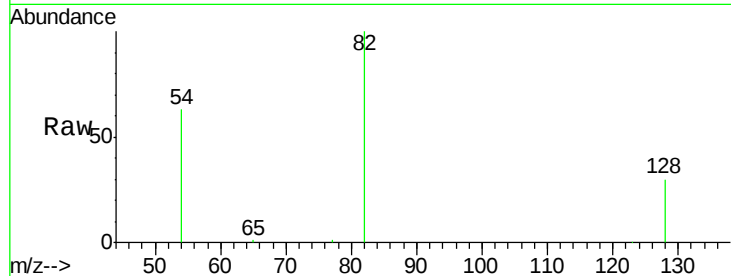




#8
 Nitrobenzene-d5
 Concen: 3.35 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091736.D
 Acq: 29 Apr 2016 16:38

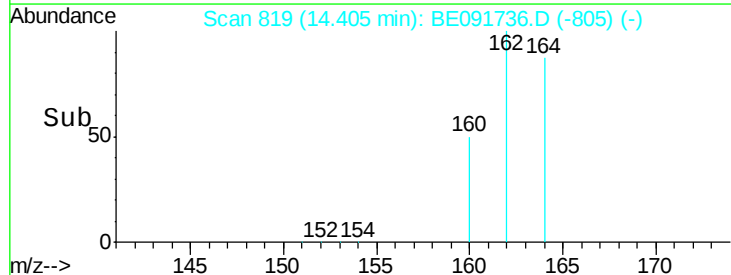
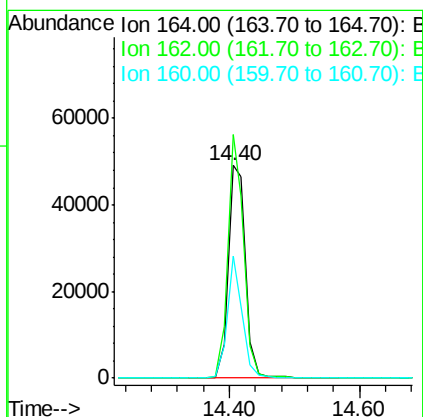
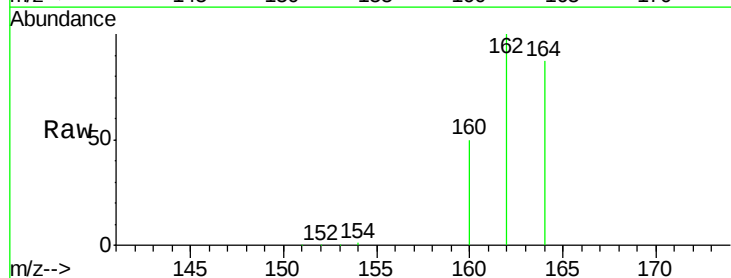
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160427

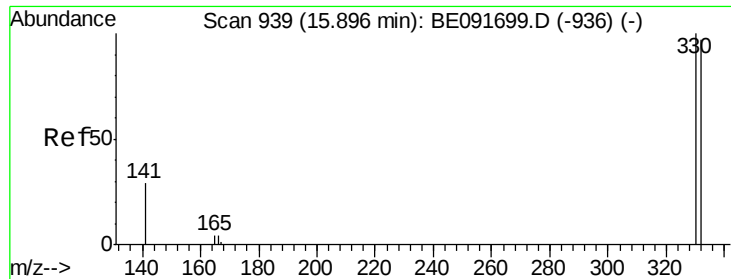
Tgt Ion: 82 Resp: 35408
 Ion Ratio Lower Upper
 82 100
 128 30.1 25.4 38.0
 54 63.1 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.40 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091736.D
 Acq: 29 Apr 2016 16:38

Tgt Ion: 164 Resp: 92465
 Ion Ratio Lower Upper
 164 100
 162 114.6 85.3 127.9
 160 57.3 46.2 69.2

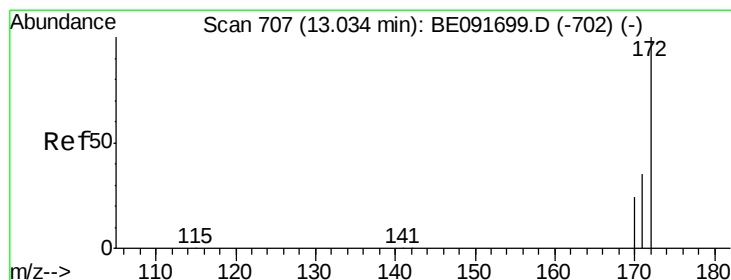
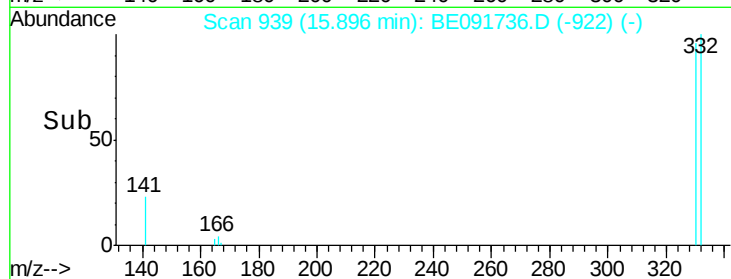
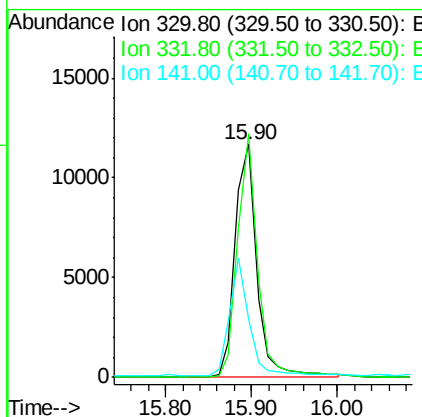
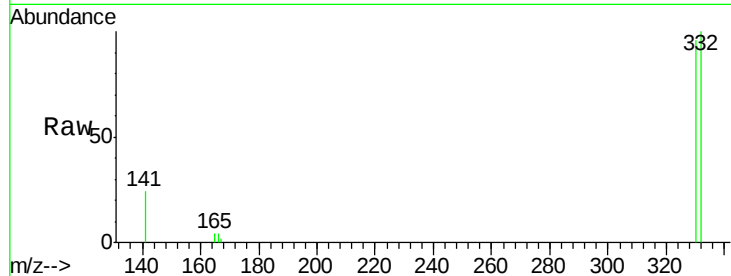




#14
 2,4,6-Tribromophenol
 Concen: 5.92 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091736.D
 Acq: 29 Apr 2016 16:38

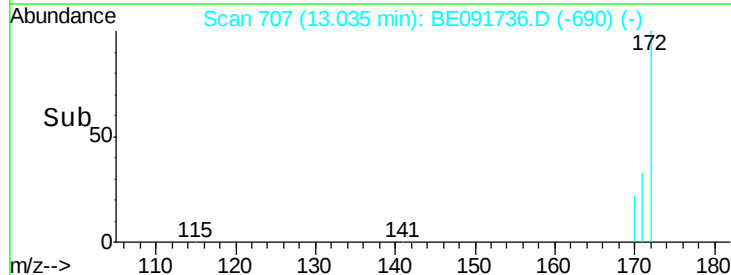
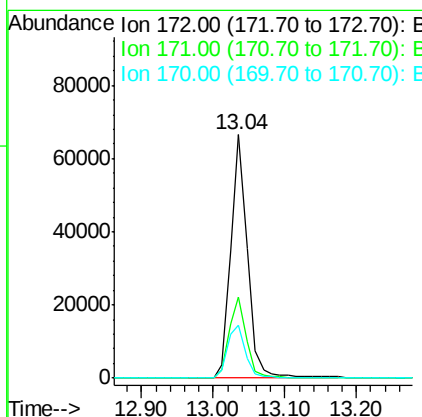
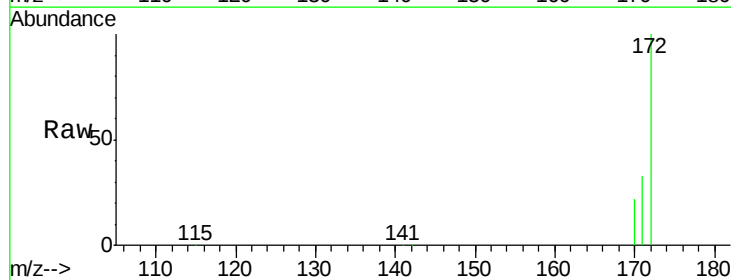
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160427

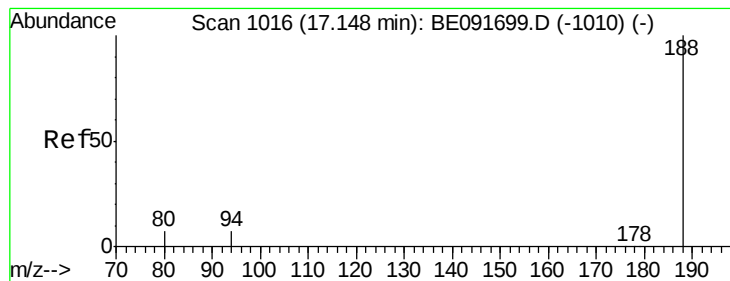
Tgt Ion:330 Resp: 20218
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.1 118.7
 141 45.9 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.04 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091736.D
 Acq: 29 Apr 2016 16:38

Tgt Ion:172 Resp: 107383
 Ion Ratio Lower Upper
 172 100
 171 33.2 28.8 43.2
 170 21.8 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: BE091736.D

Acq: 29 Apr 2016 16:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160427

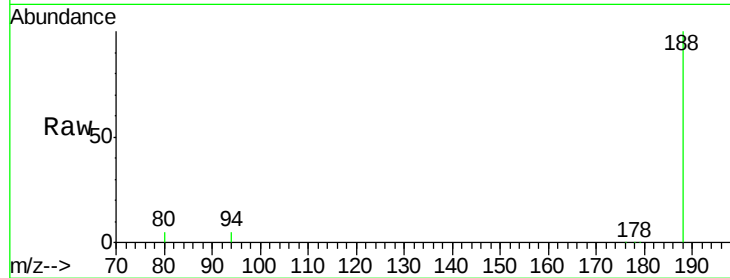
Tgt Ion:188 Resp: 237866

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

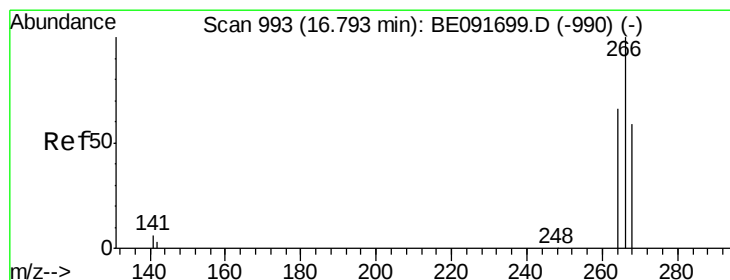
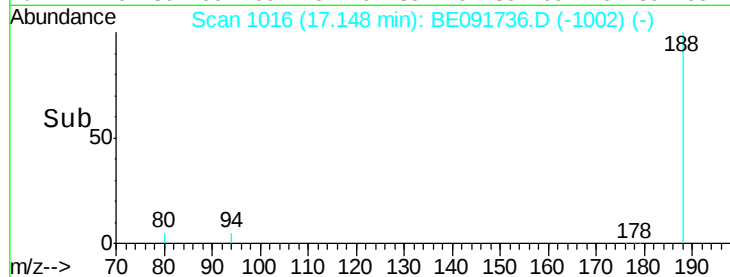
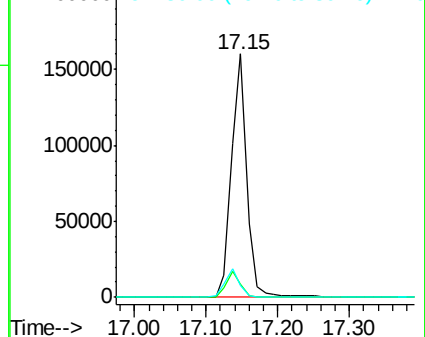
80 4.7 9.4 14.0#



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: 0.13 ng

RT: 16.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

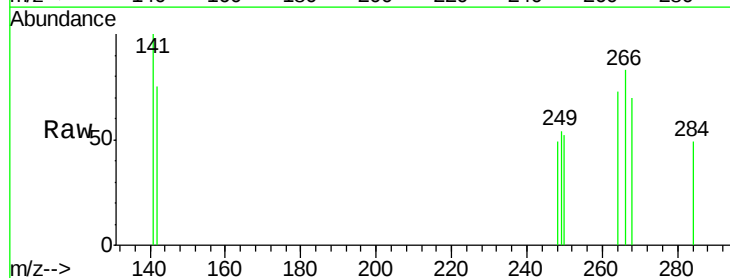
Tgt Ion:266 Resp: 151

Ion Ratio Lower Upper

266 100

268 85.1 58.2 87.2

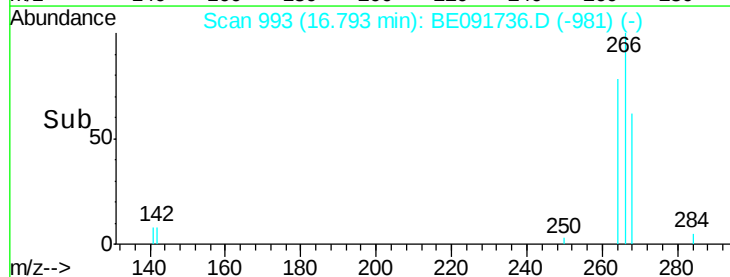
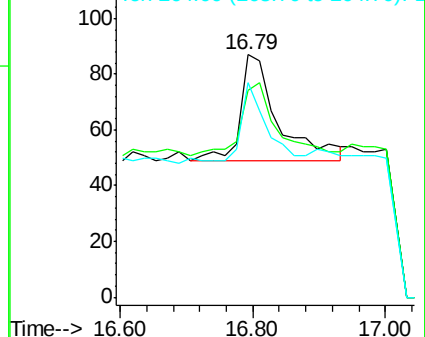
264 88.5 56.2 84.4#

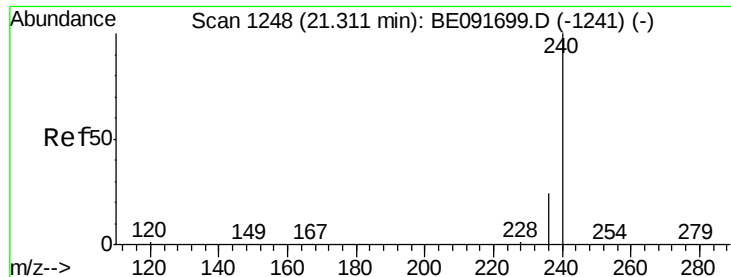


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

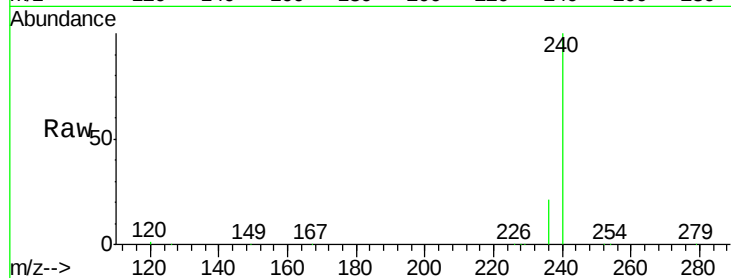




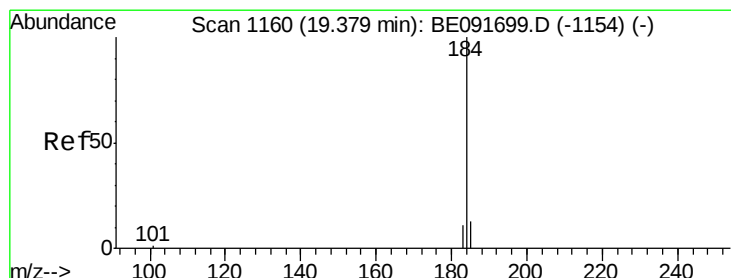
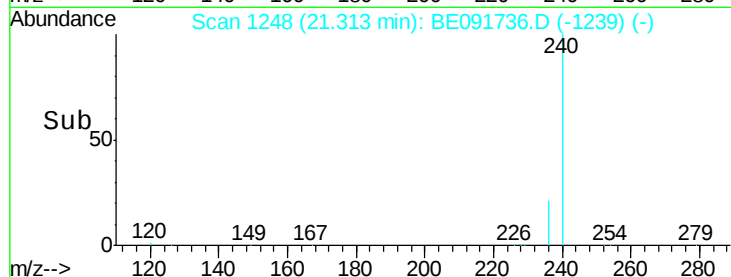
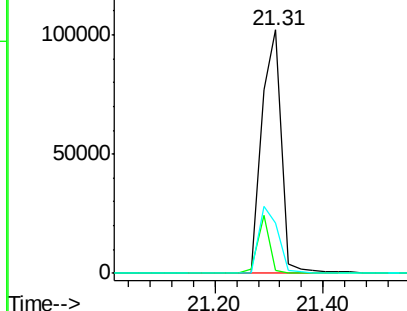
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091736.D
Acq: 29 Apr 2016 16:38

Instrument :
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Tgt Ion: 240 Resp: 258070
Ion Ratio Lower Upper
240 100
120 1.0 11.0 16.4#
236 20.8 21.7 32.5#

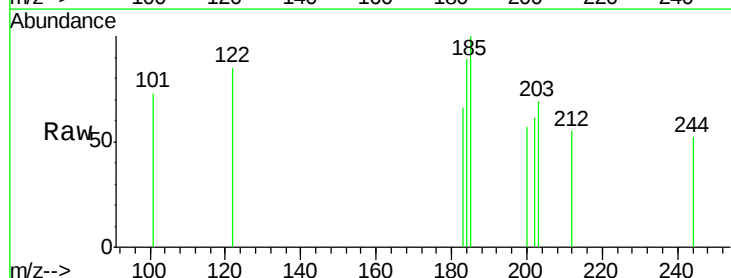


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

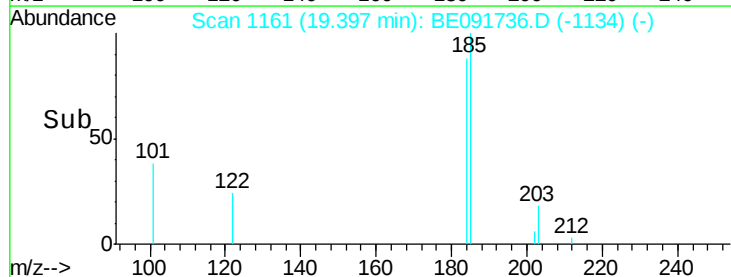
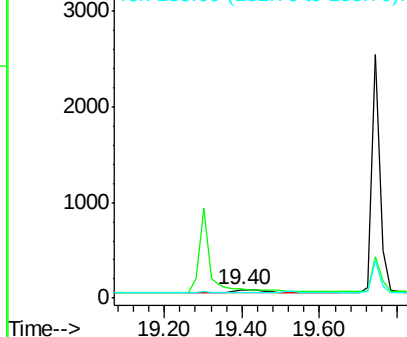


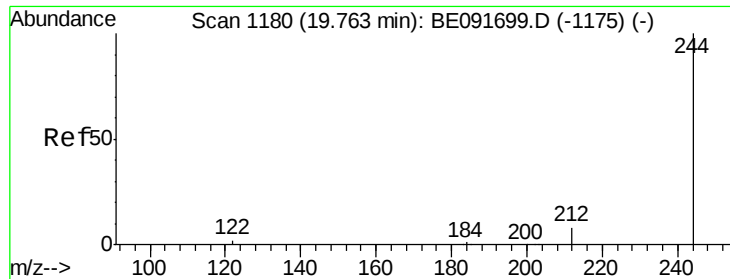
#27
Benzidine
Concen: 0.17 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BE091736.D
Acq: 29 Apr 2016 16:38

Tgt Ion: 184 Resp: 247
Ion Ratio Lower Upper
184 100
185 112.8 22.3 33.5#
183 74.4 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: 4.80 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

Instrument :

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ClientSampleId :

KY038PS037-160427

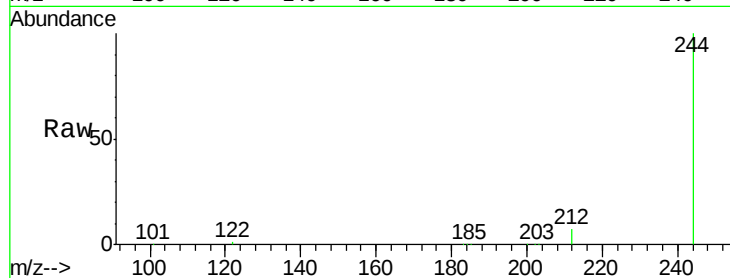
Tgt Ion:244 Resp: 193033

Ion Ratio Lower Upper

244 100

212 7.3 6.9 10.3

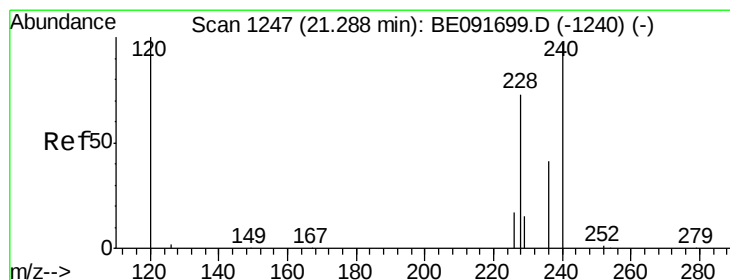
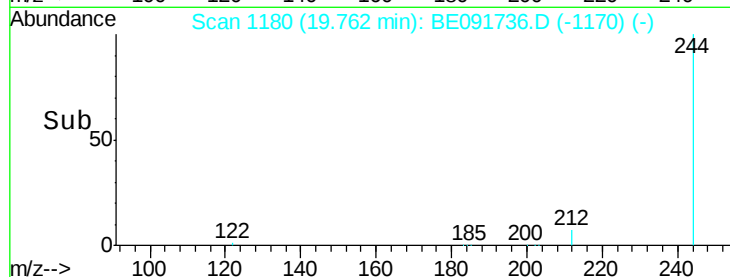
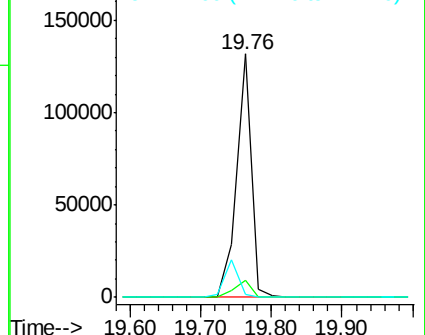
122 1.0 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

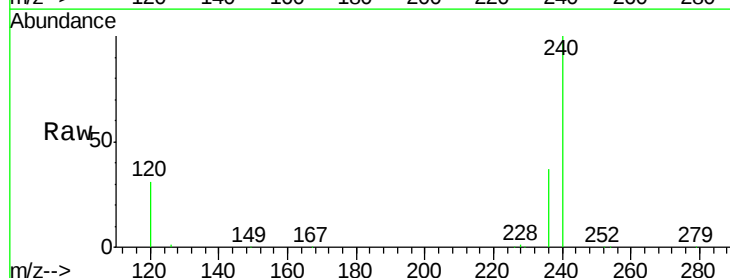
Tgt Ion:228 Resp: 1534

Ion Ratio Lower Upper

228 100

226 19.2 21.0 31.4#

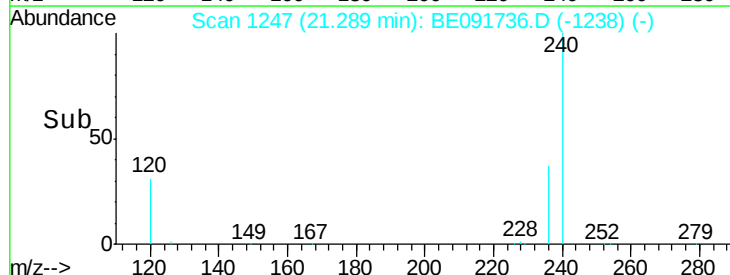
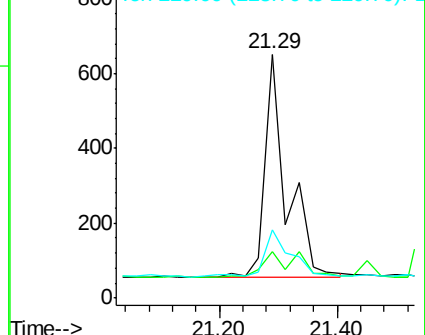
229 28.0 15.7 23.5#

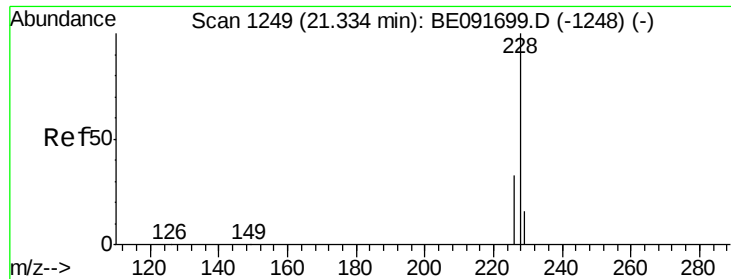


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Chrysene

Concen: 0.02 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.04 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160427

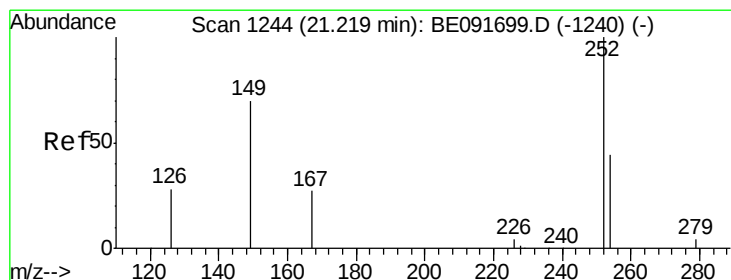
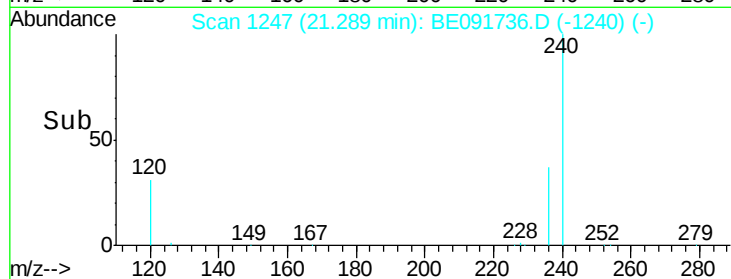
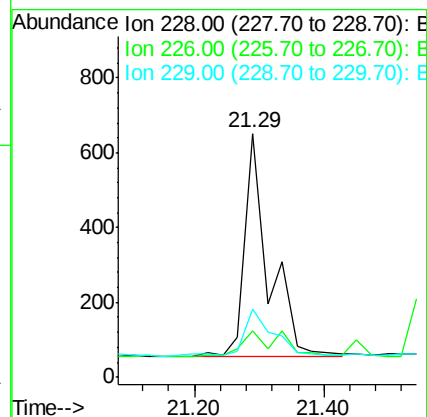
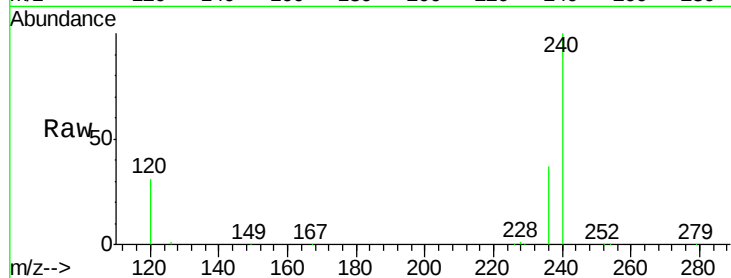
Tgt Ion:228 Resp: 1509

Ion Ratio Lower Upper

228 100

226 19.2 24.0 36.0#

229 28.0 15.9 23.9#



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.29 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091736.D

Acq: 29 Apr 2016 16:38

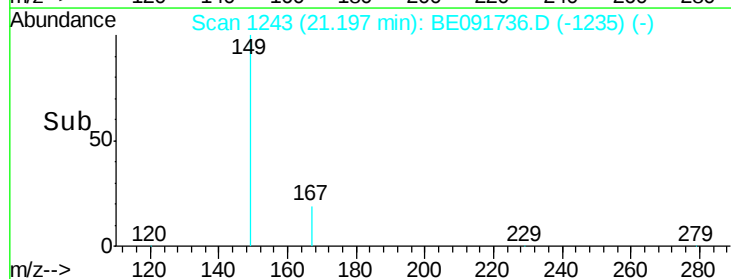
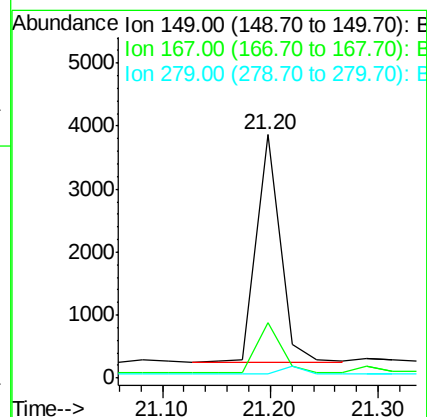
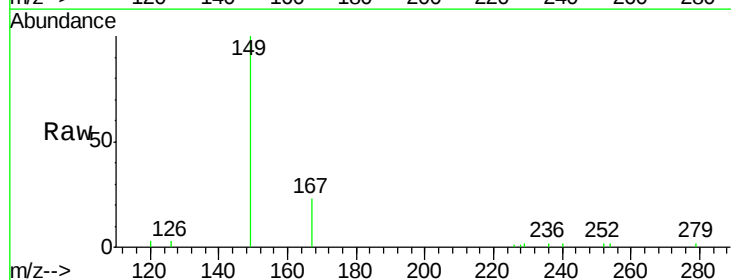
Tgt Ion:149 Resp: 5502

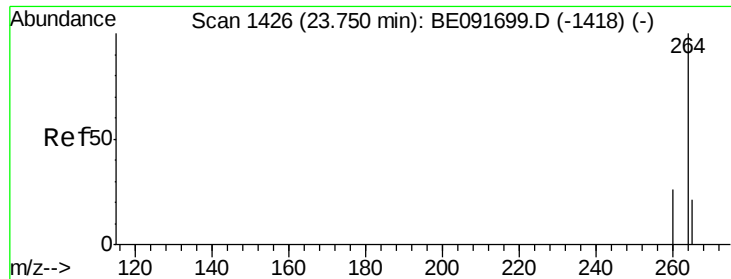
Ion Ratio Lower Upper

149 100

167 22.7 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: BE091736.D

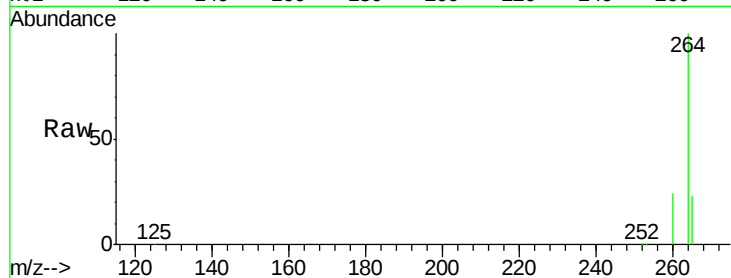
Acq: 29 Apr 2016 16:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160427



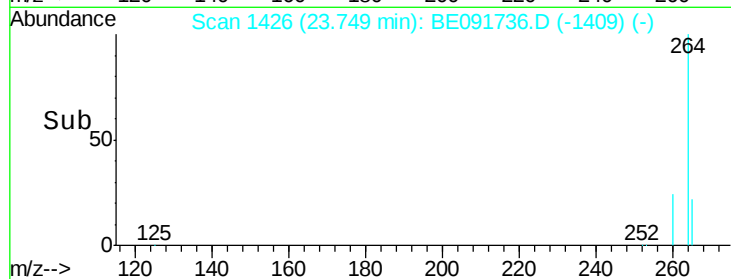
Tgt Ion: 264 Resp: 279429

Ion Ratio Lower Upper

264 100

260 23.8 20.0 30.0

265 22.6 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

150000

100000

50000

0

23.75

23.60 23.80

Time-->