

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091922.D
 Acq On : 15 Jun 2016 13:20
 Operator : UM/SJ
 Sample : H3357-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160531

Quant Time: Jun 15 14:42:21 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

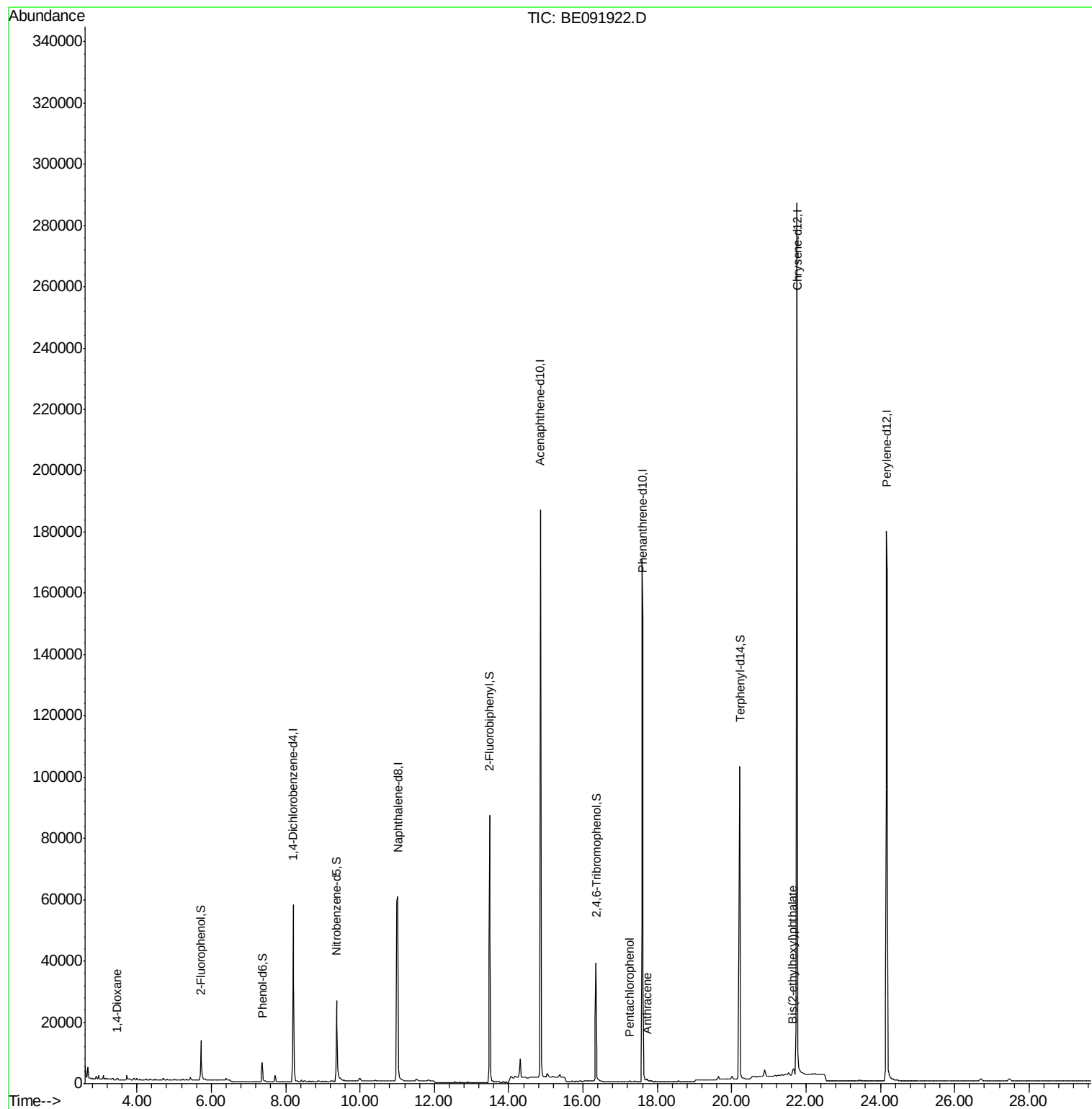
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	32553	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	146515	5.00	ng	0.02
15) Acenaphthene-d10	14.86	164	114164	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	238447	5.00	ng	0.00
31) Chrysene-d12	21.76	240	390056	5.00	ng	0.00
40) Perylene-d12	24.16	264	278282	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	11895	1.87	ng	0.00
5) Phenol-d6	7.37	99	9376	1.02	ng	0.02
9) Nitrobenzene-d5	9.36	82	30427	3.01	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	19526	6.59	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	87621	3.02	ng	0.00
34) Terphenyl-d14	20.22	244	157674	3.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.47	88	436	0.09	ng	# 86
27) Pentachlorophenol	17.26	266	245	0.17	ng	94
29) Anthracene	17.73	178	1250	0.02	ng	# 96
38) Bis(2-ethylhexyl)phthalate	21.64	149	6592	0.07	ng	# 100

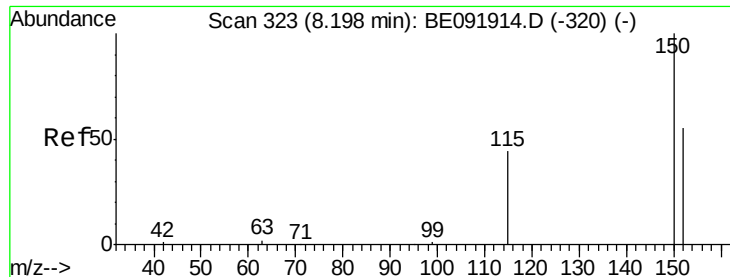
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

KY038PS027-160531

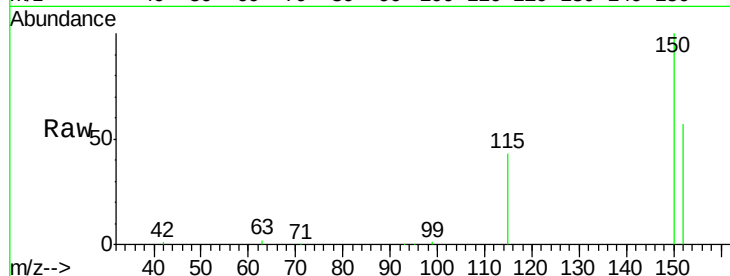
Tgt Ion:152 Resp: 32553

Ion Ratio Lower Upper

152 100

150 174.7 123.9 185.9

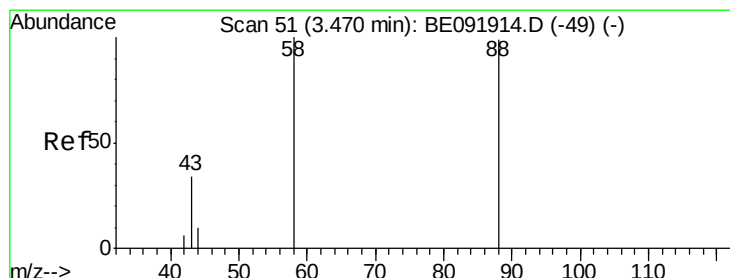
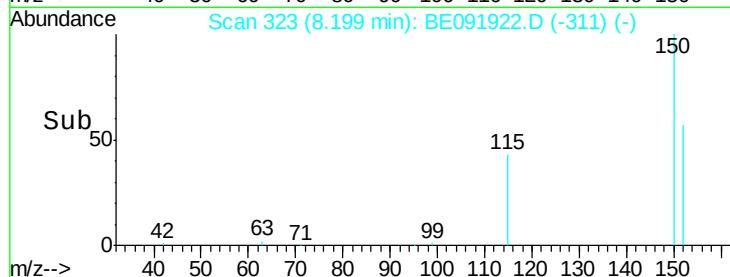
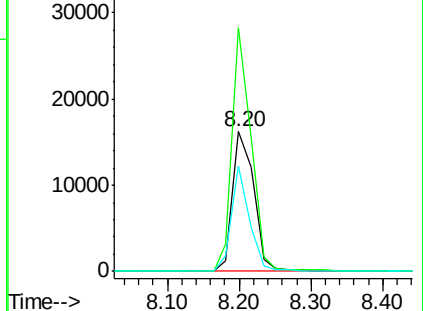
115 75.3 48.3 72.5#



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



#2

1,4-Dioxane

Concen: 0.09 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

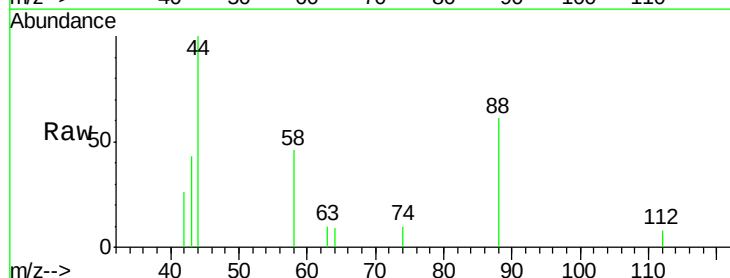
Tgt Ion: 88 Resp: 436

Ion Ratio Lower Upper

88 100

58 75.9 63.0 94.4

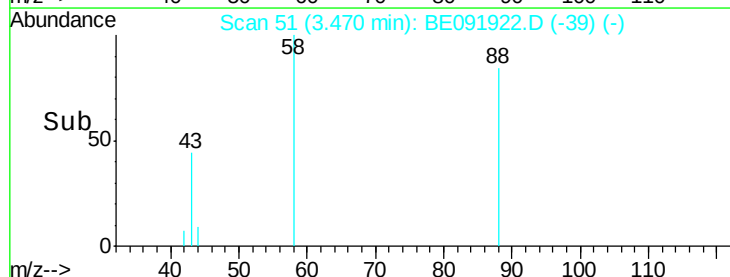
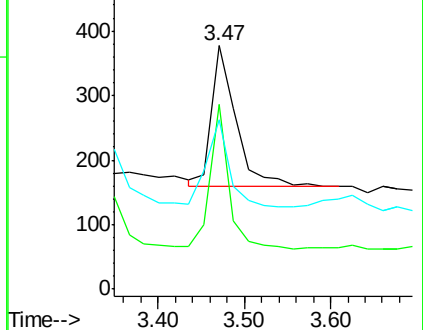
43 57.8 29.1 43.7#

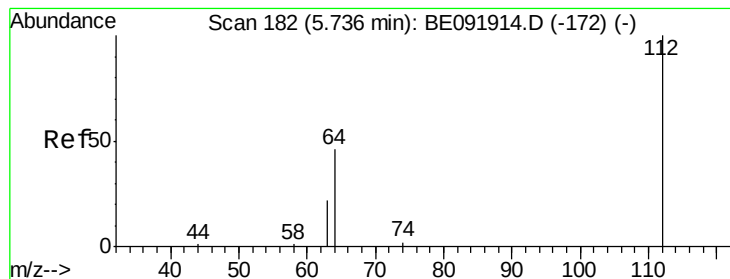


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 1.87 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160531

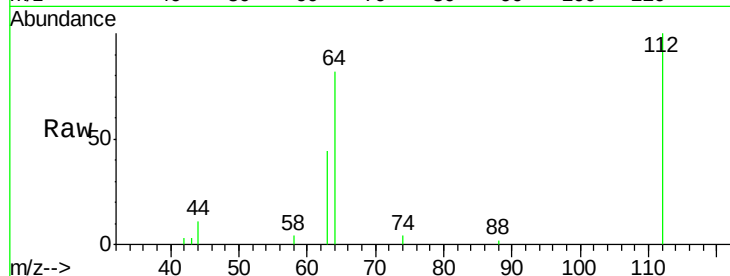
Tgt Ion: 112 Resp: 11895

Ion Ratio Lower Upper

112 100

64 67.7 53.7 80.5

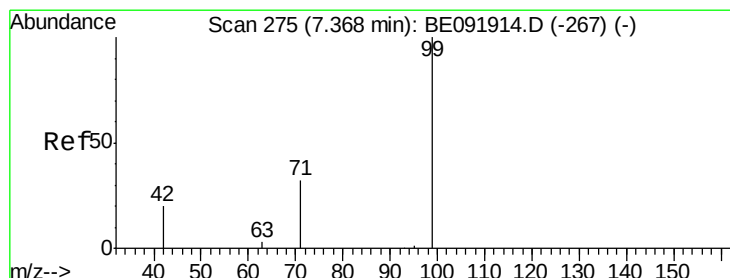
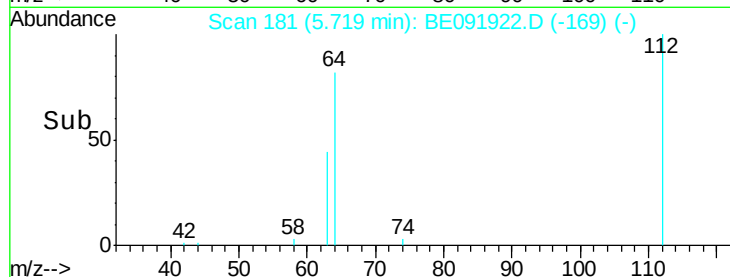
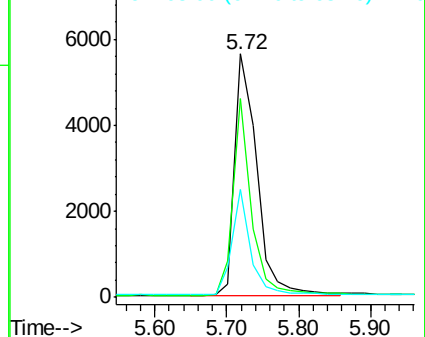
63 36.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.02 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

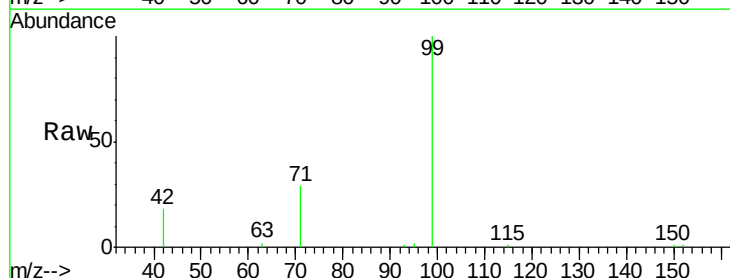
Tgt Ion: 99 Resp: 9376

Ion Ratio Lower Upper

99 100

42 26.1 19.6 29.4

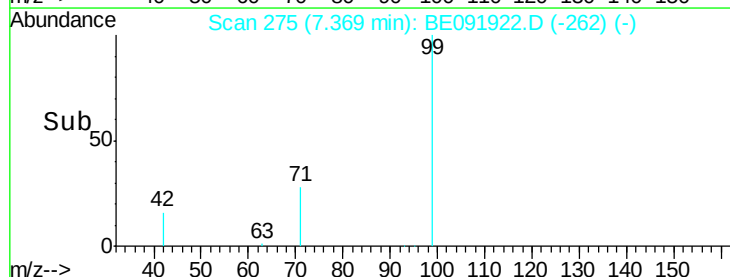
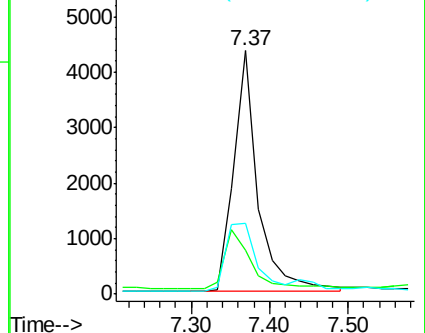
71 35.0 28.1 42.1

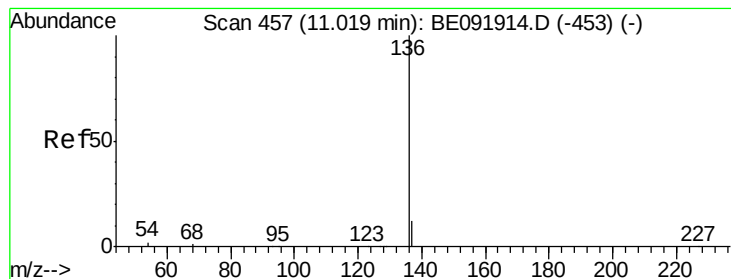


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.02 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

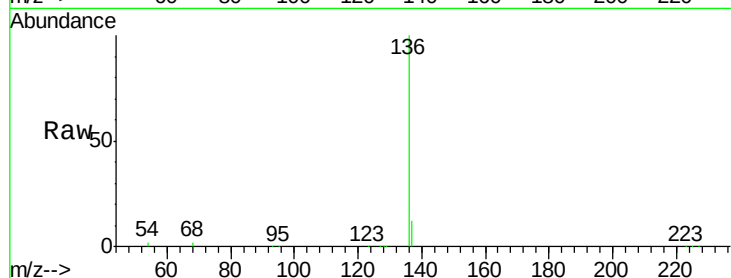
Instrument :

BNA_E

ClientSampleId :

KY038PS027-160531

Tgt Ion:136	Resp: 146515
Ion Ratio	Lower Upper
136 100	
137 12.3	8.3 12.5
54 1.8	8.2 12.4#
68 1.6	5.9 8.9#

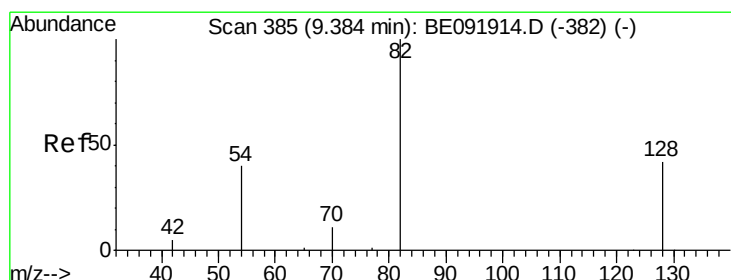
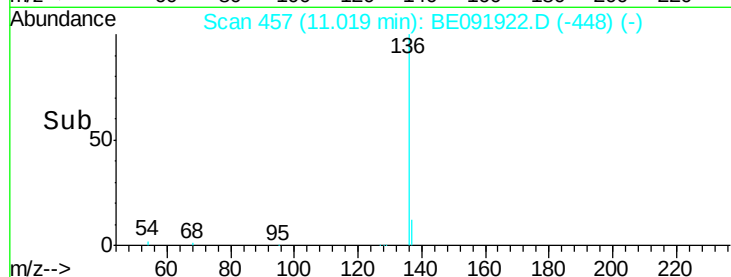
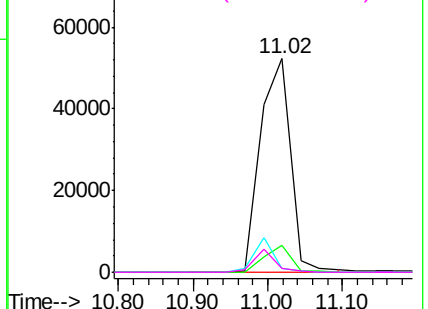


Abundance Ion 136.00 (135.70 to 136.70): E

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



#9

Nitrobenzene-d5

Concen: 3.01 ng

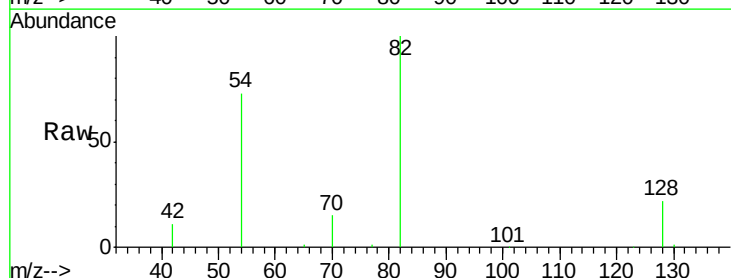
RT: 9.36 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

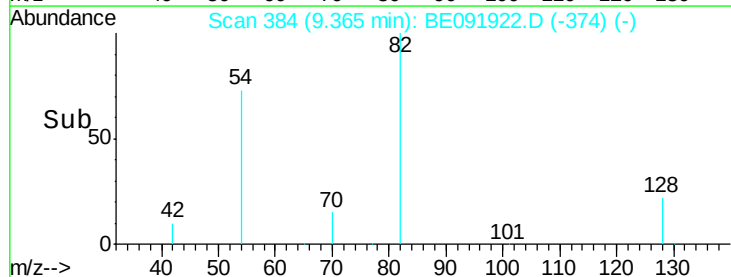
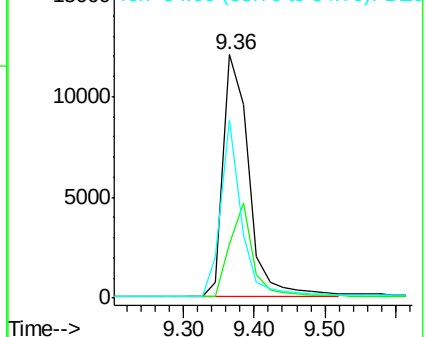
Tgt Ion: 82	Resp: 30427
Ion Ratio	Lower Upper
82 100	
128 22.5	39.5 59.3#
54 73.4	30.3 45.5#

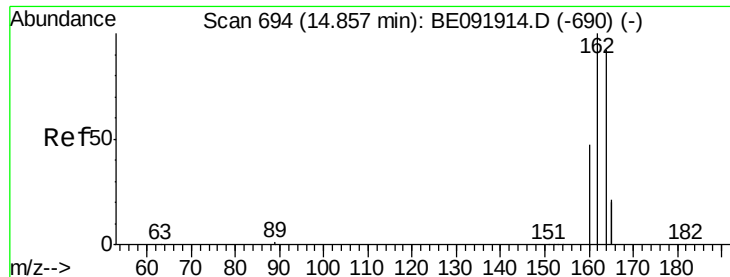


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160531

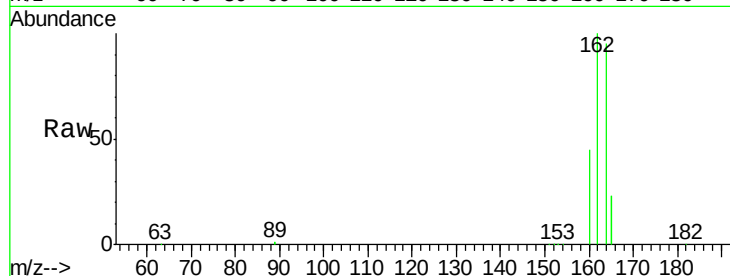
Tgt Ion:164 Resp: 114164

Ion Ratio Lower Upper

164 100

162 105.6 71.8 107.8

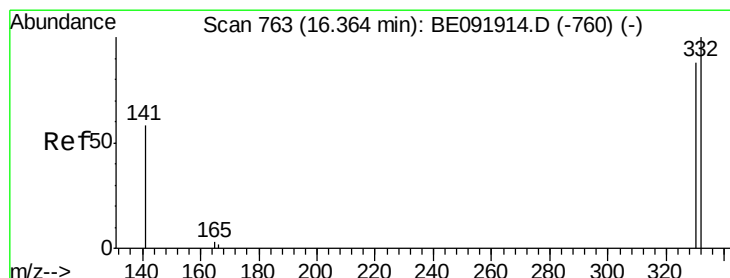
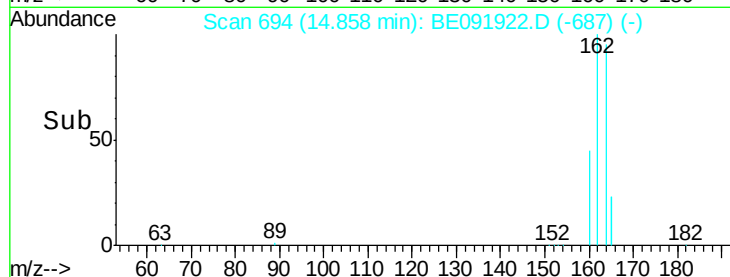
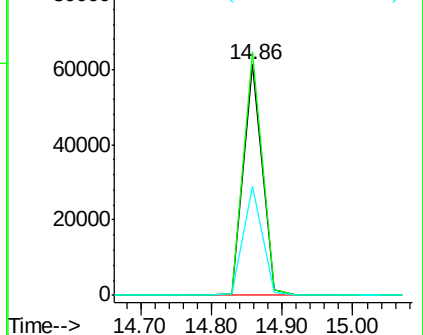
160 47.6 28.0 42.0#



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



#16

2,4,6-Tribromophenol

Concen: 6.59 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

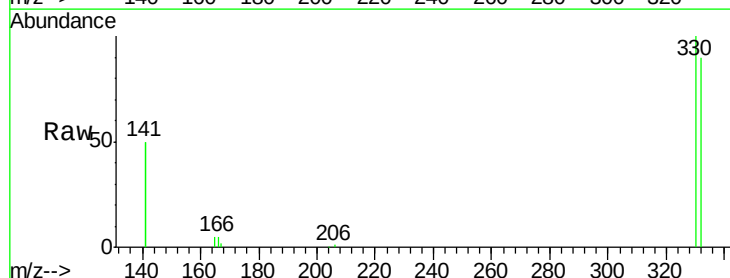
Tgt Ion:330 Resp: 19526

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

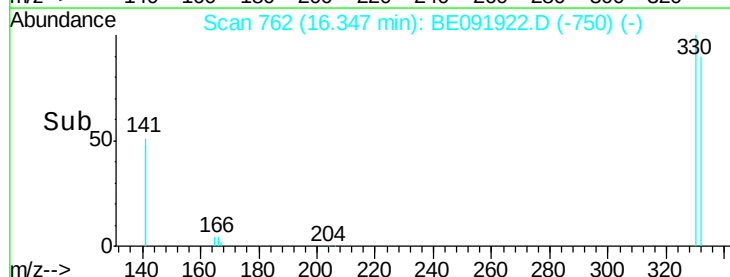
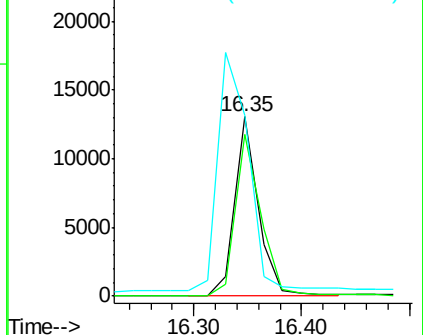
141 175.6 138.4 207.6

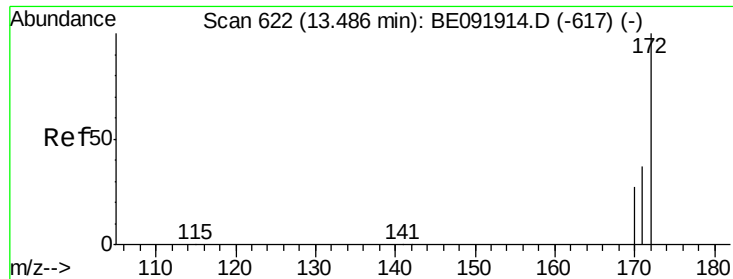


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

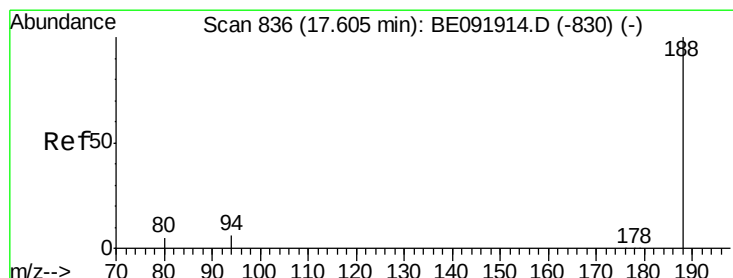
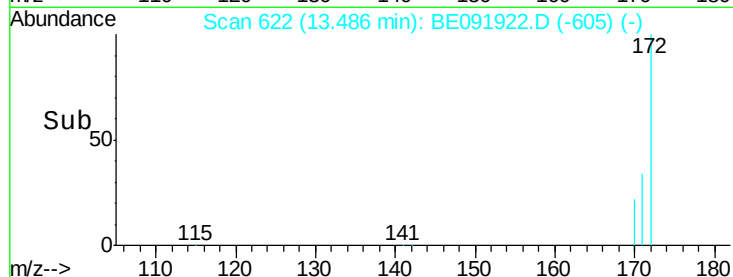
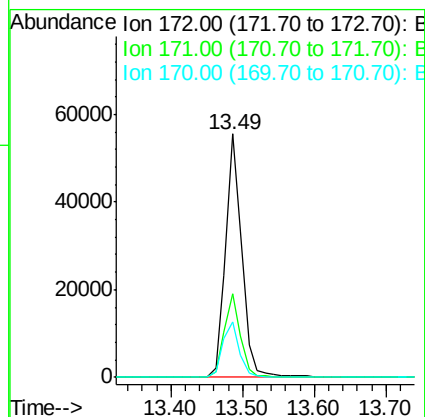
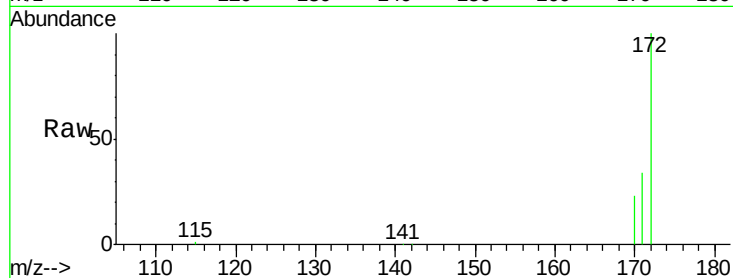




#17
2-Fluorobiphenyl
Concen: 3.02 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091922.D
Acq: 15 Jun 2016 13:20

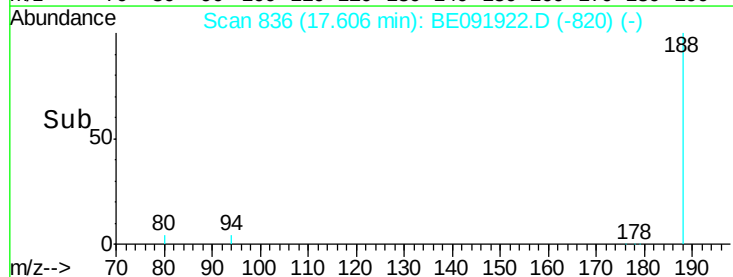
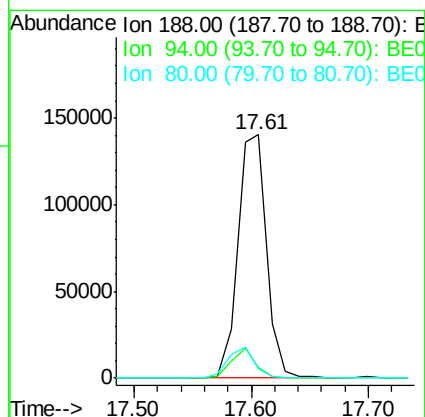
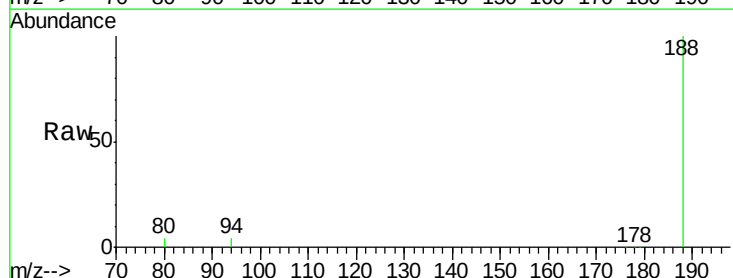
Instrument :
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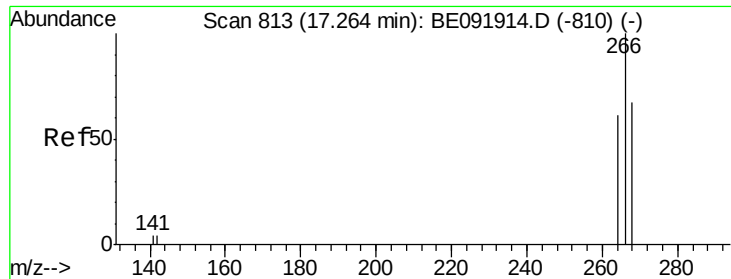
Tgt Ion:172 Resp: 87621
Ion Ratio Lower Upper
172 100
171 34.2 24.3 36.5
170 22.6 14.9 22.3#



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091922.D
Acq: 15 Jun 2016 13:20

Tgt Ion:188 Resp: 238447
Ion Ratio Lower Upper
188 100
94 4.5 4.1 6.1
80 3.7 3.4 5.2

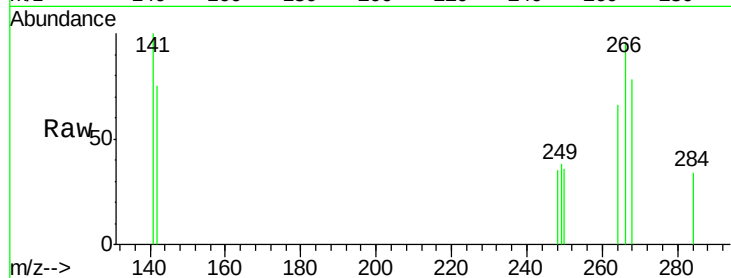




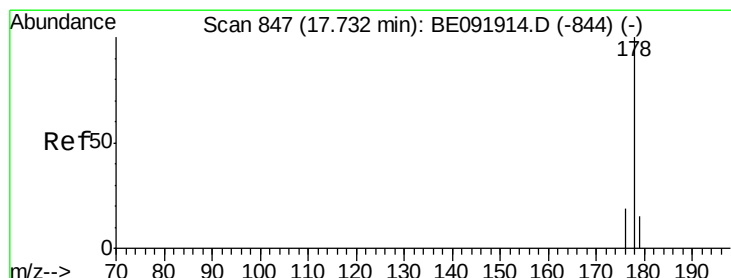
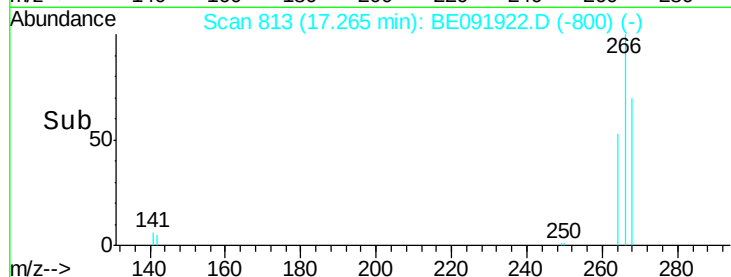
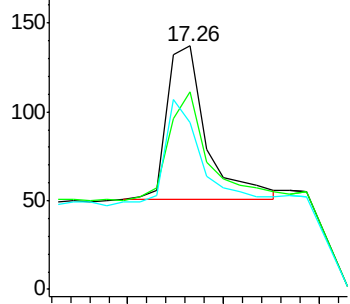
#27
 Pentachlorophenol
 Concen: 0.17 ng
 RT: 17.26 min Scan# 813
 Delta R.T. 0.02 min
 Lab File: BE091922.D
 Acq: 15 Jun 2016 13:20

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160531

Tgt Ion: 266 Resp: 245
 Ion Ratio Lower Upper
 266 100
 268 81.0 60.5 90.7
 264 68.6 51.0 76.4

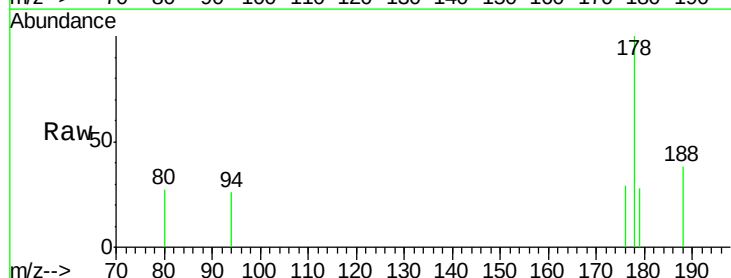


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

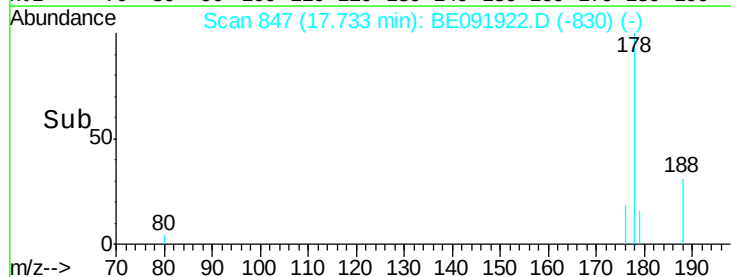
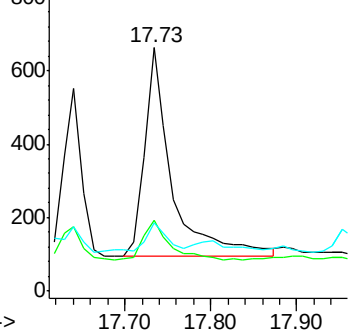


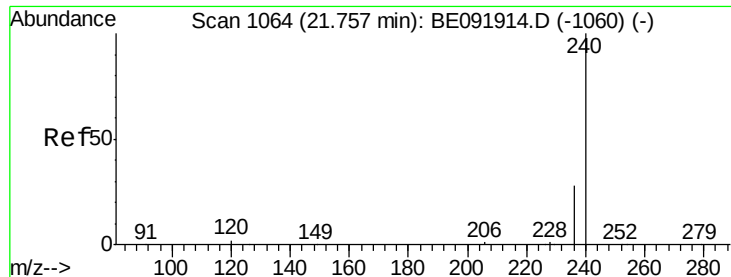
#29
 Anthracene
 Concen: 0.02 ng
 RT: 17.73 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BE091922.D
 Acq: 15 Jun 2016 13:20

Tgt Ion: 178 Resp: 1250
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.1 22.7
 179 11.7 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091922.D

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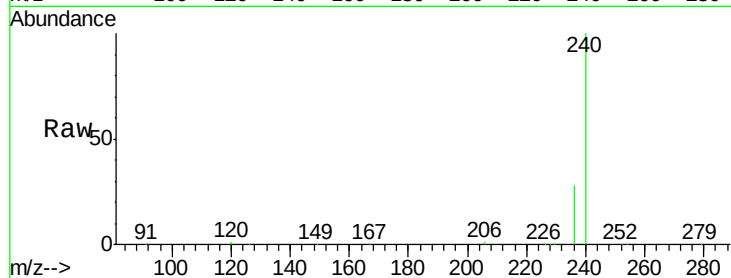
Tgt Ion:240 Resp: 390056

Ion Ratio Lower Upper

240 100

120 1.4 1.2 1.8

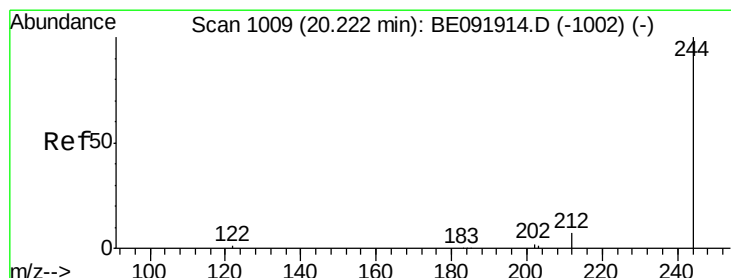
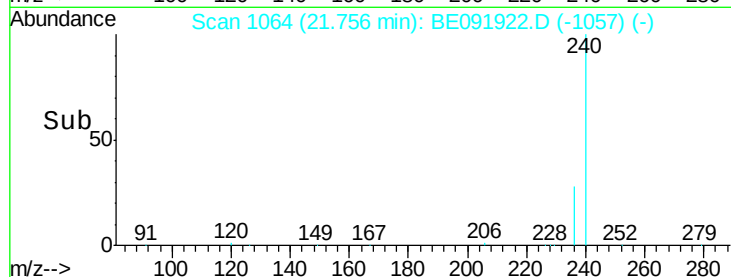
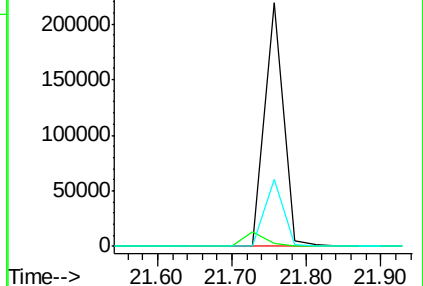
236 27.7 19.8 29.8



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



#34

Terphenyl-d14

Concen: 3.30 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

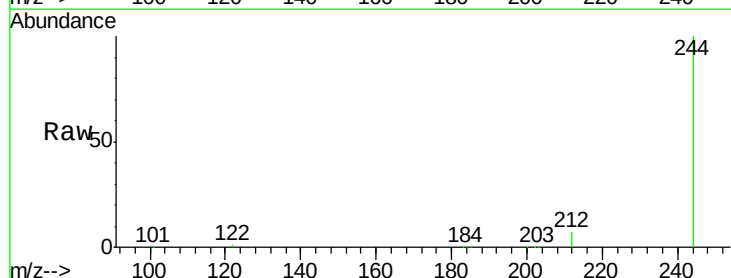
Tgt Ion:244 Resp: 157674

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

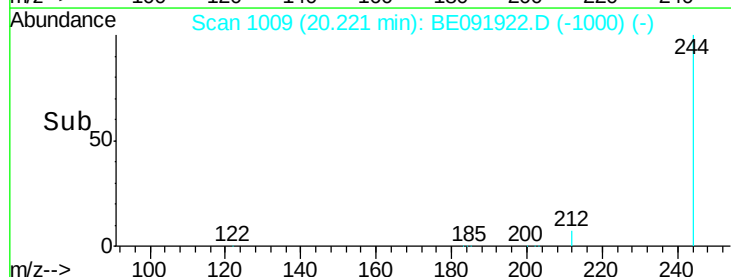
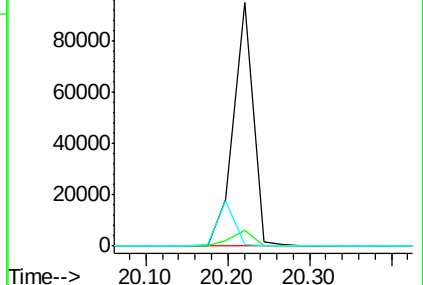
122 0.5 2.9 4.3#

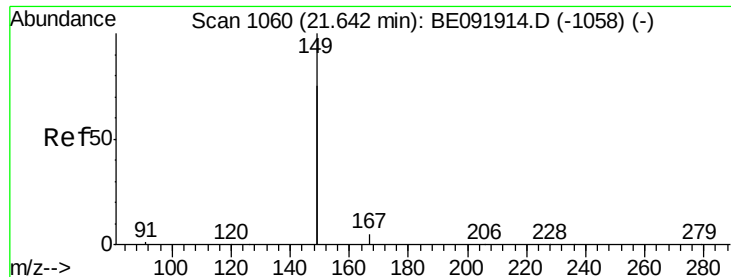


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160531

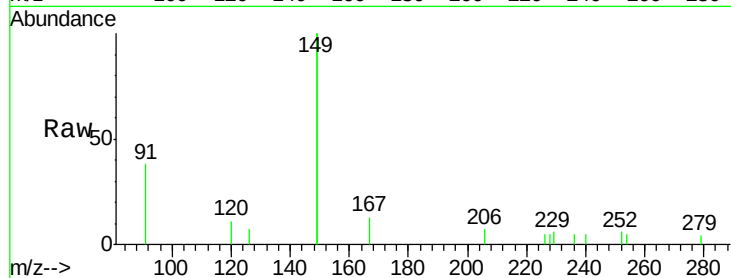
Tgt Ion:149 Resp: 6592

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

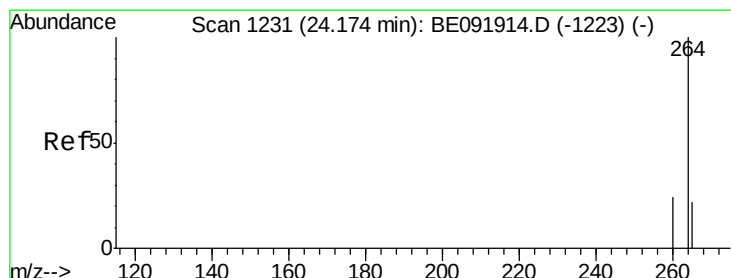
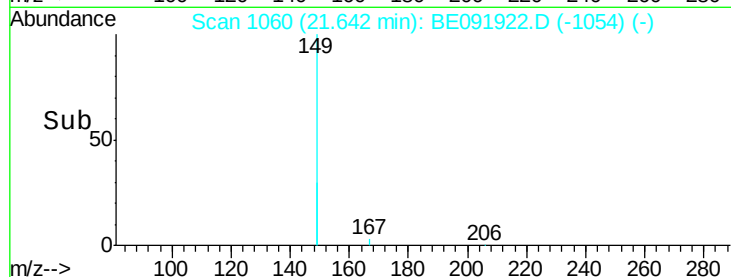
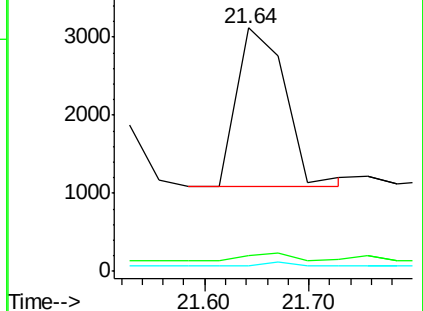
279 0.0 0.0 0.0



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE091922.D

Acq: 15 Jun 2016 13:20

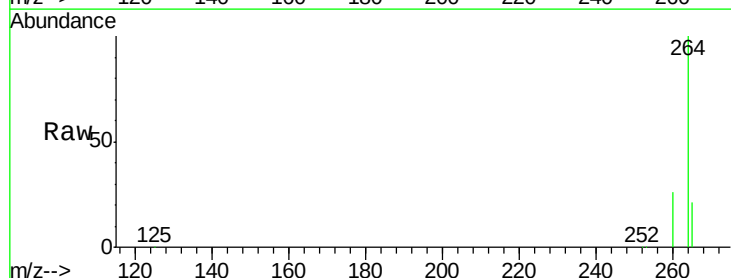
Tgt Ion:264 Resp: 278282

Ion Ratio Lower Upper

264 100

260 25.9 20.3 30.5

265 21.0 17.6 26.4



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

