

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
 Data File : BE091786.D
 Acq On : 16 May 2016 22:50
 Operator : UM/SJ
 Sample : H3065-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY024MW068-160511

Quant Time: May 17 04:03:31 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

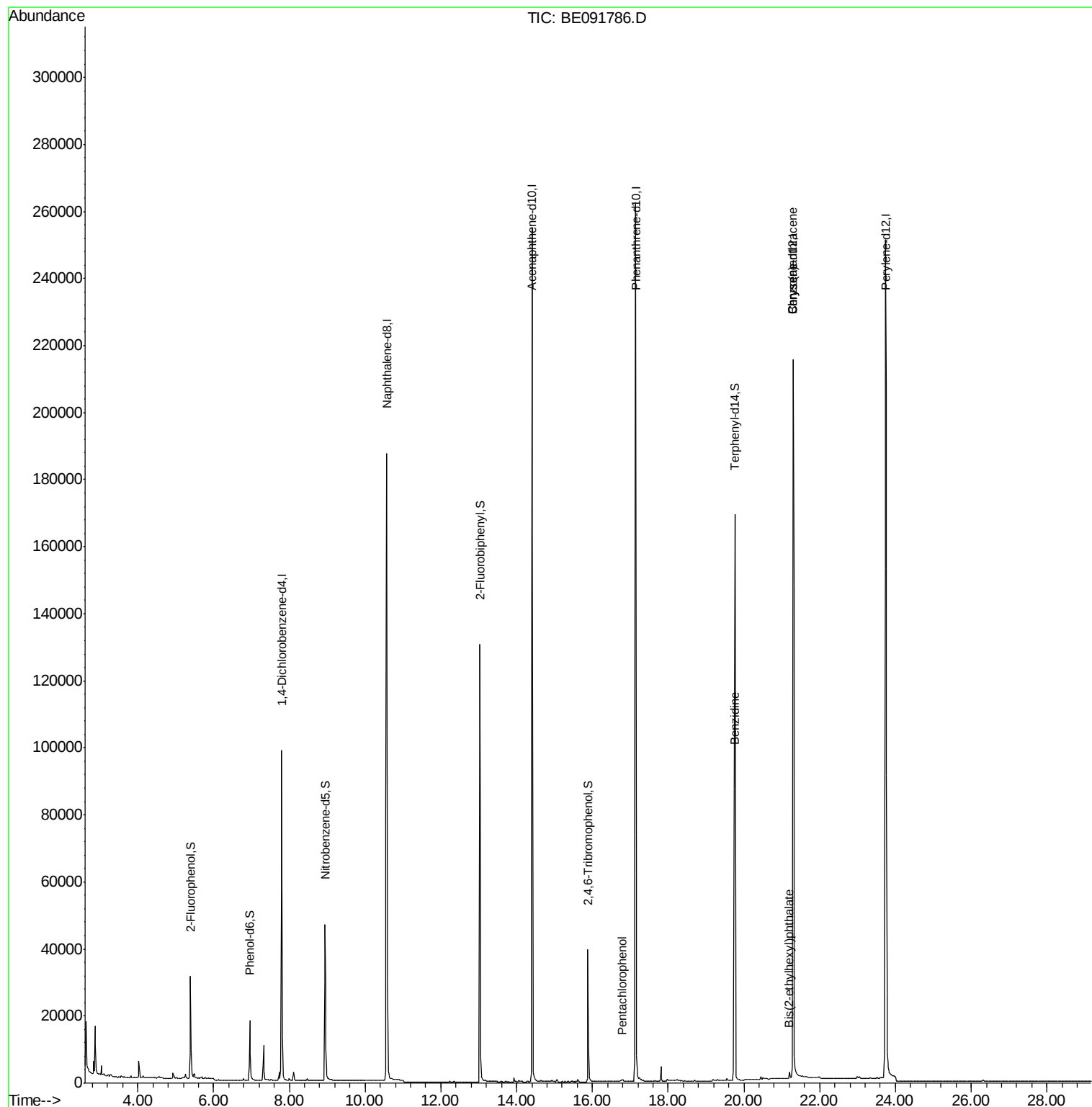
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	55085	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	275439	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	164818	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	389030	5.00	ng	0.00
26) Chrysene-d12	21.29	240	366444	5.00	ng	-0.02
35) Perylene-d12	23.74	264	378898	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	24465	1.81	ng	0.00
5) Phenol-d6	6.95	99	21800	1.21	ng	0.00
8) Nitrobenzene-d5	8.95	82	46333	2.61	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	28968	4.79	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	138488	2.97	ng	0.00
29) Terphenyl-d14	19.76	244	247580	4.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.79	266	750	0.19	ng	Qvalue 94
27) Benzidine	19.74	184	4367	0.31	ng	# 85
30) Benzo(a)anthracene	21.29	228	2257	0.03	ng	# 82
32) Chrysene	21.29	228	2289	0.02	ng	# 79
33) Bis(2-ethylhexyl)phthalate	21.20	149	2214	0.08	ng	# 85

(#) = 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: BE091786.D

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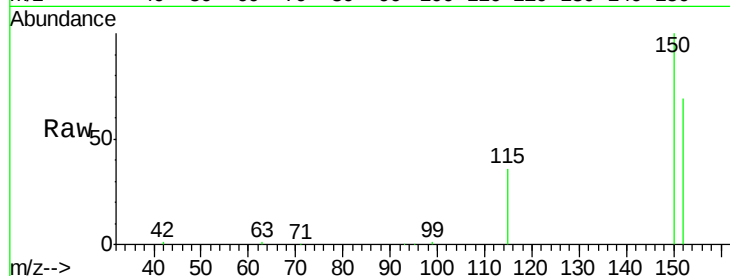
Tgt Ion:152 Resp: 55085

Ion Ratio Lower Upper

152 100

150 144.5 122.6 183.8

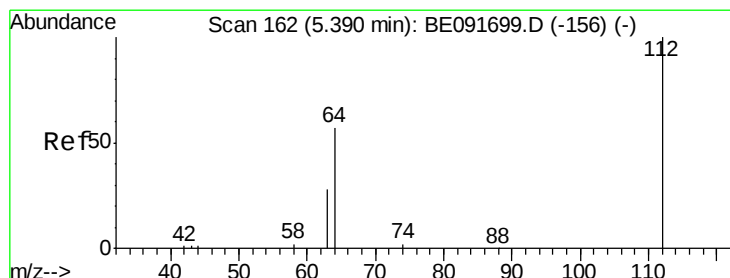
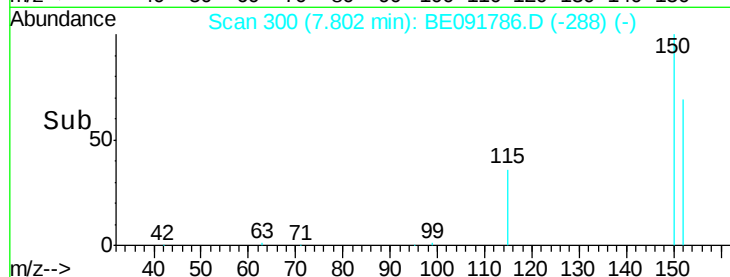
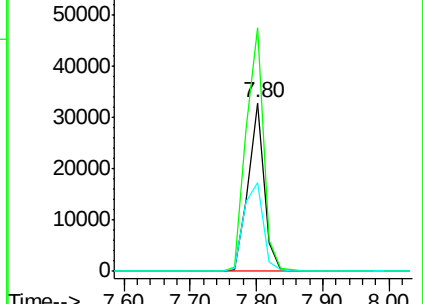
115 52.6 52.8 79.2#



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: 1.81 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

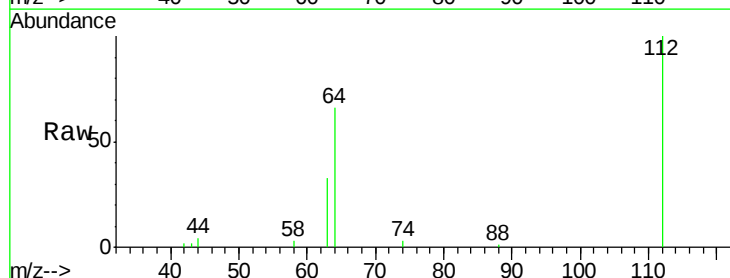
Tgt Ion:112 Resp: 24465

Ion Ratio Lower Upper

112 100

64 66.4 30.9 46.3#

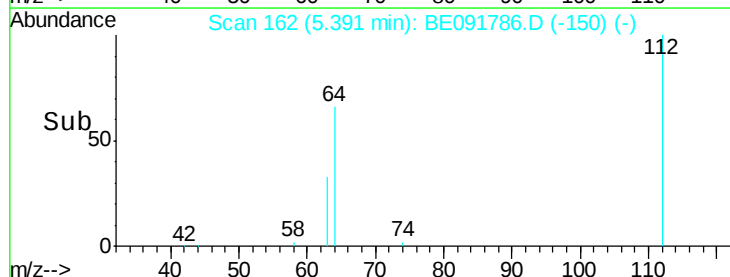
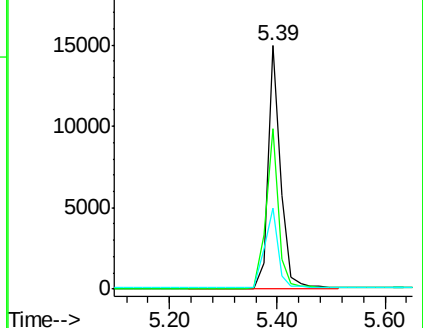
63 35.8 16.7 25.1#

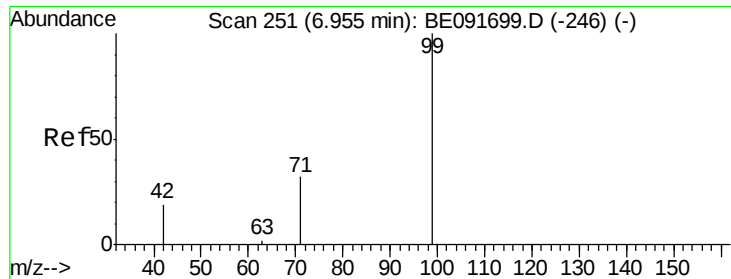


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.21 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

Instrument :

BNA_E

ClientSampleId :

KY024MW068-160511

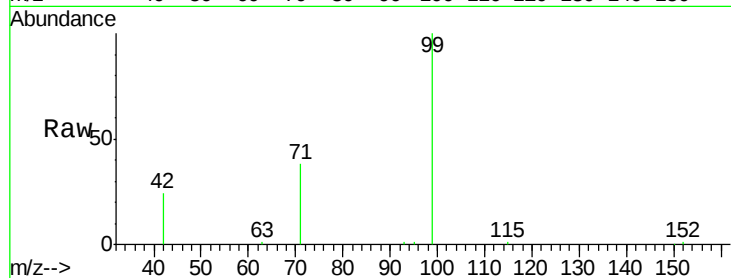
Tgt Ion: 99 Resp: 21800

Ion Ratio Lower Upper

99 100

42 24.1 16.2 24.2

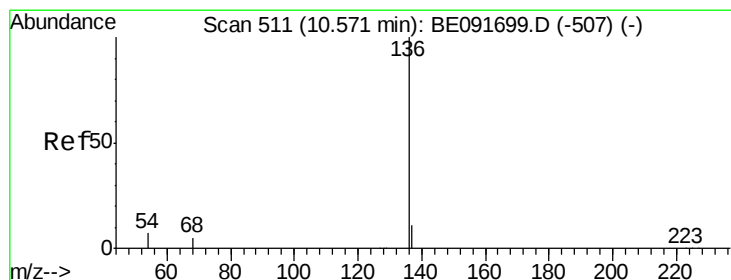
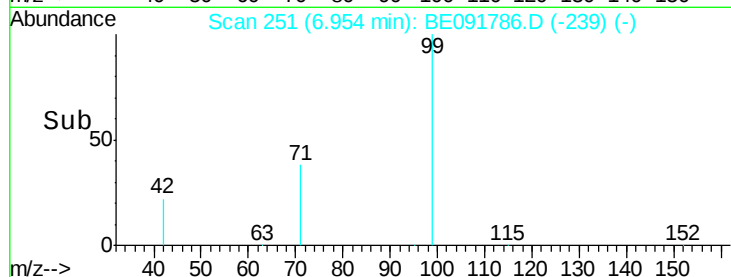
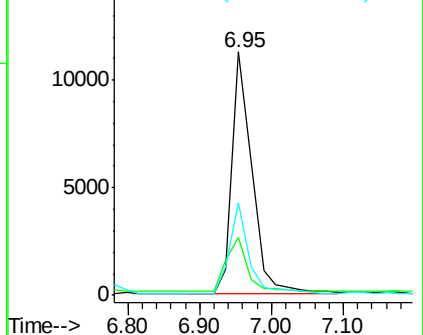
71 36.3 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE091699.D (-246) (-)

Ion 42.00 (41.70 to 42.70): BE091699.D (-246) (-)

Ion 71.00 (70.70 to 71.70): BE091699.D (-246) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

Tgt Ion: 136 Resp: 275439

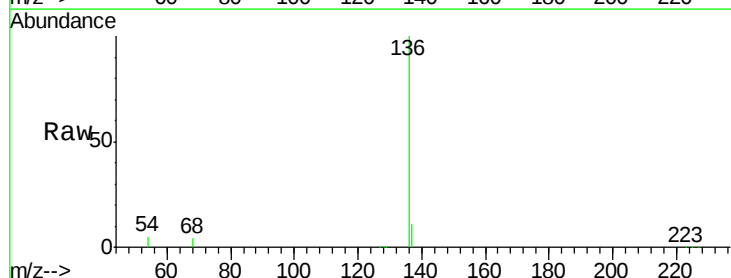
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.2 8.2 12.4#

68 4.2 6.2 9.4#

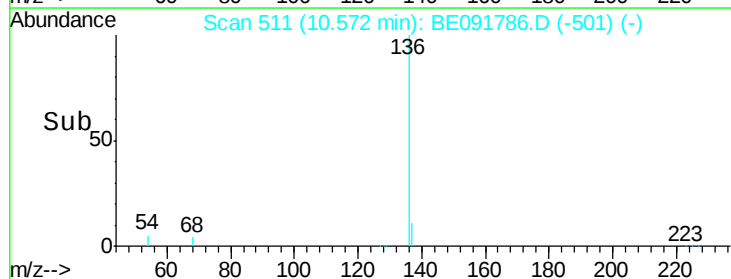
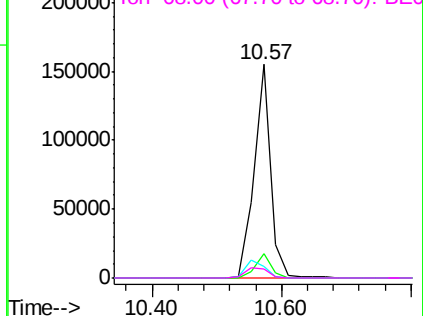


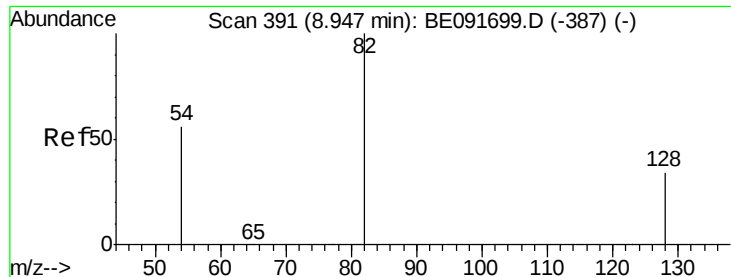
Abundance Ion 136.00 (135.70 to 136.70): BE091699.D (-507) (-)

Ion 137.00 (136.70 to 137.70): BE091699.D (-507) (-)

Ion 54.00 (53.70 to 54.70): BE091699.D (-507) (-)

Ion 68.00 (67.70 to 68.70): BE091699.D (-507) (-)





#8

Nitrobenzene-d5

Concen: 2.61 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

Instrument :

BNA_E

ClientSampleId :

KY024MW068-160511

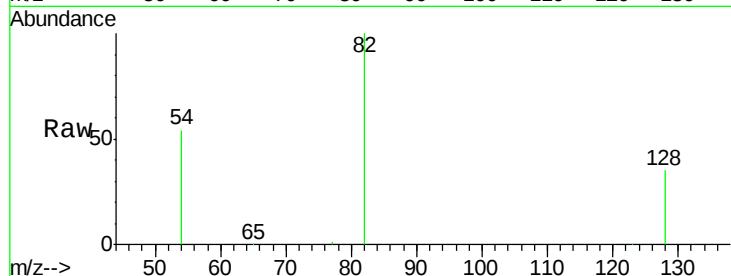
Tgt Ion: 82 Resp: 46333

Ion Ratio Lower Upper

82 100

128 34.5 25.4 38.0

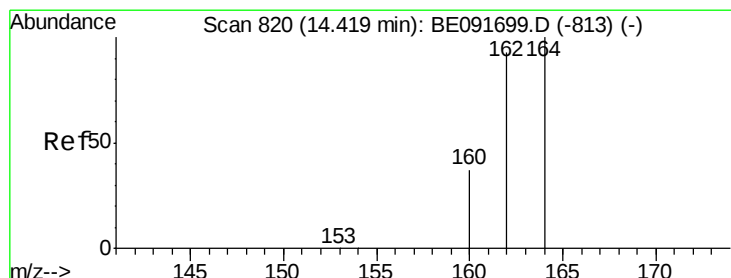
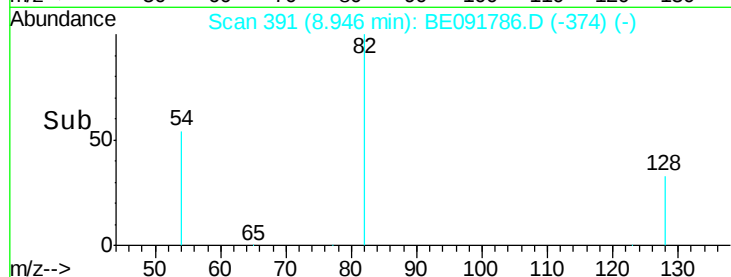
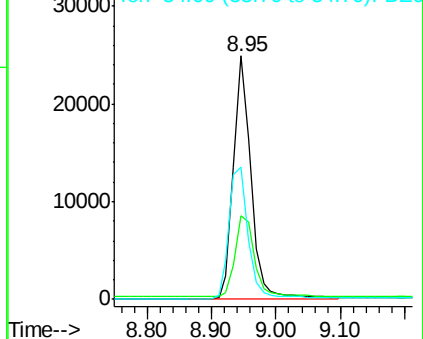
54 54.3 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE091699.D (-387) (-)

Ion 128.00 (127.70 to 128.70): BE091699.D (-387) (-)

Ion 54.00 (53.70 to 54.70): BE091699.D (-387) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

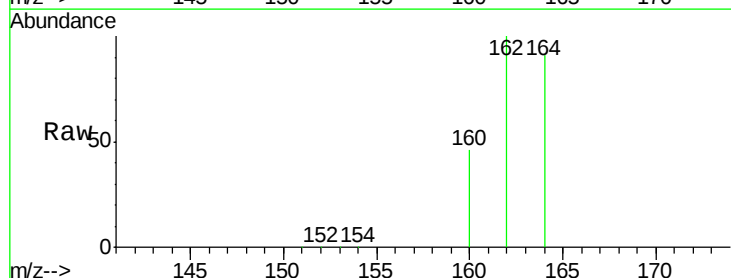
Tgt Ion: 164 Resp: 164818

Ion Ratio Lower Upper

164 100

162 110.0 85.3 127.9

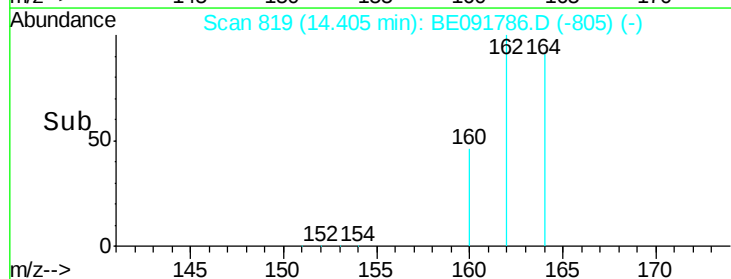
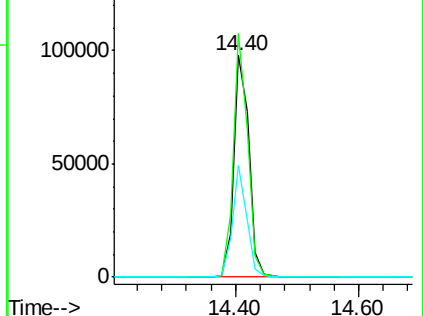
160 50.3 46.2 69.2

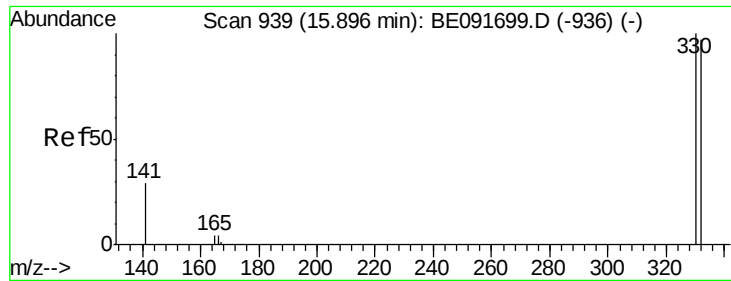


Abundance Ion 164.00 (163.70 to 164.70): BE091699.D (-813) (-)

Ion 162.00 (161.70 to 162.70): BE091699.D (-813) (-)

Ion 160.00 (159.70 to 160.70): BE091699.D (-813) (-)

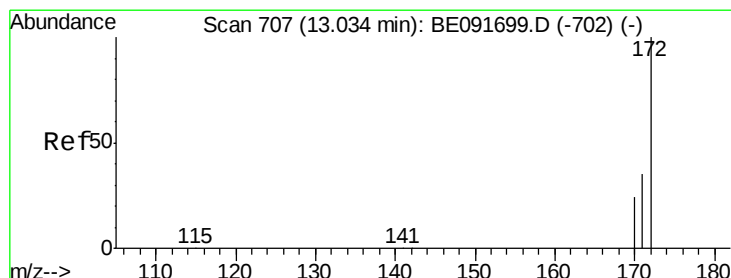
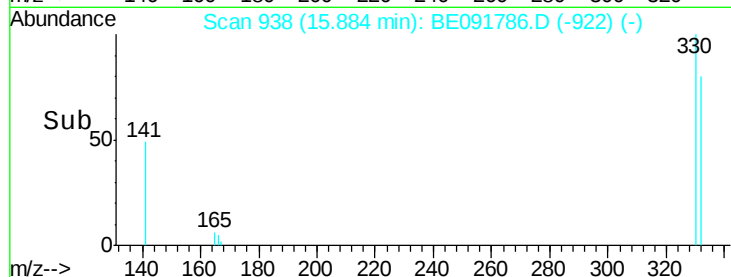
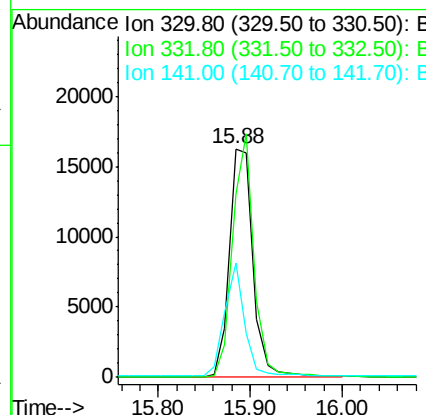
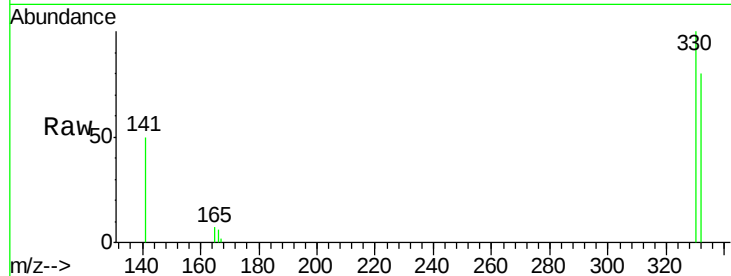




#14
 2,4,6-Tribromophenol
 Concen: 4.79 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091786.D
 Acq: 16 May 2016 22:50

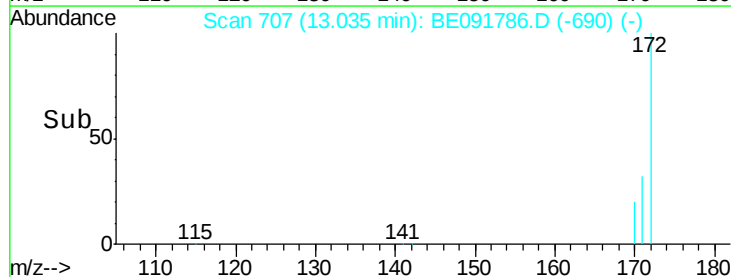
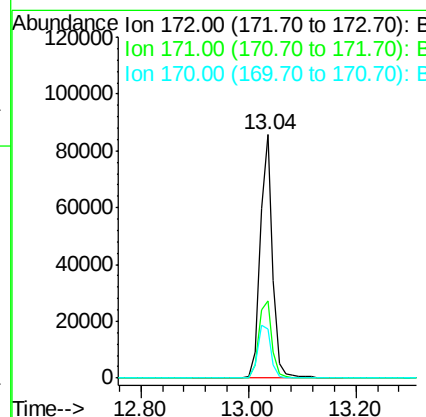
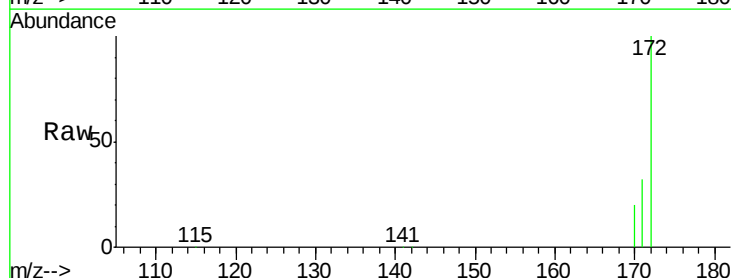
Instrument :
 BNA_E
 ClientSampleId :
 KY024MW068-160511

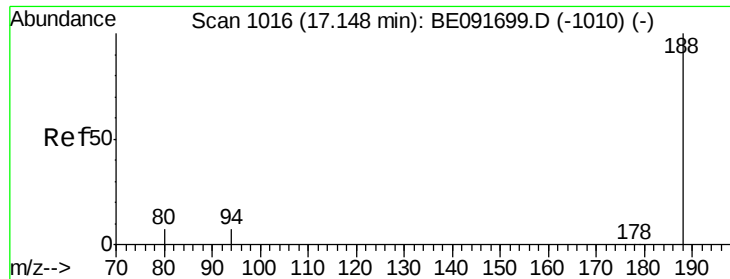
Tgt Ion:330 Resp: 28968
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.1 118.7
 141 41.6 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 2.97 ng
 RT: 13.04 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091786.D
 Acq: 16 May 2016 22:50

Tgt Ion:172 Resp: 138488
 Ion Ratio Lower Upper
 172 100
 171 31.9 28.8 43.2
 170 20.3 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: BE091786.D

Acq: 16 May 2016 22:50

Instrument :

BNA_E

ClientSampleId :

KY024MW068-160511

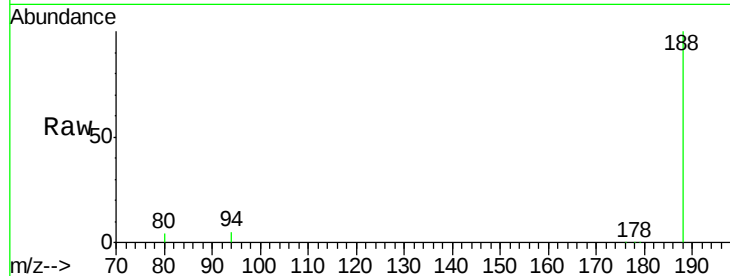
Tgt Ion:188 Resp: 389030

Ion Ratio Lower Upper

188 100

94 4.6 8.7 13.1#

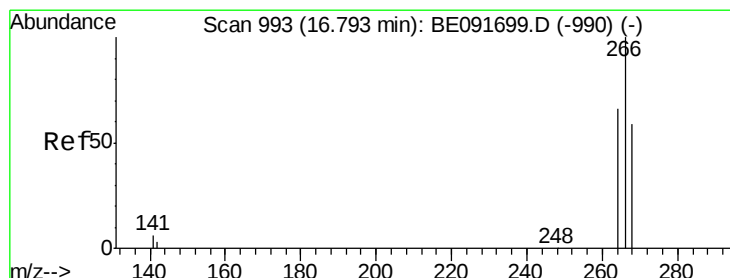
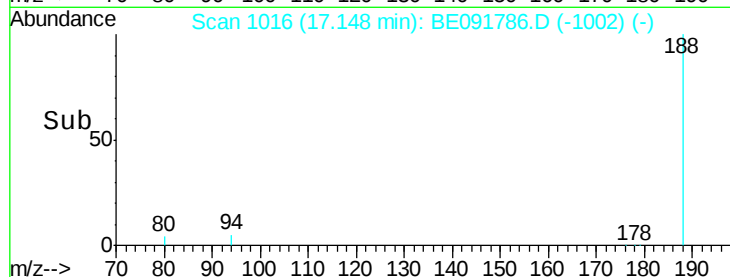
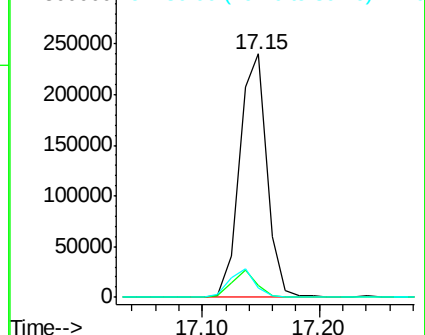
80 3.8 9.4 14.0#



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: 0.19 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

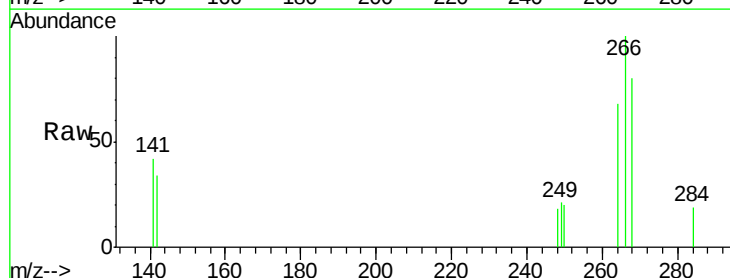
Tgt Ion:266 Resp: 750

Ion Ratio Lower Upper

266 100

268 80.0 58.2 87.2

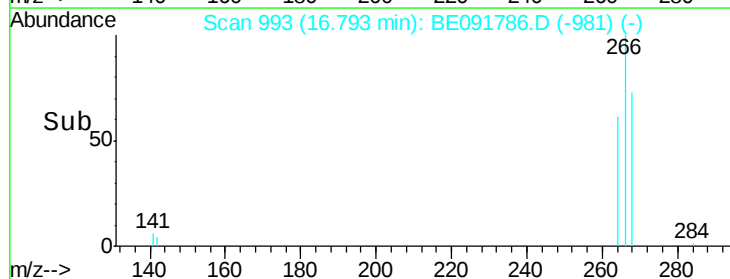
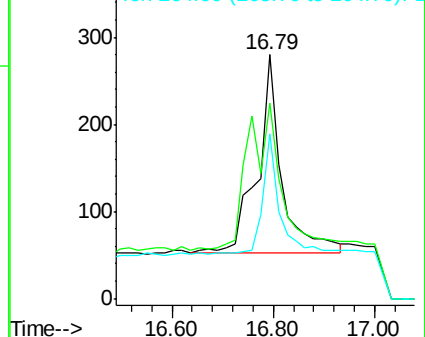
264 67.5 56.2 84.4

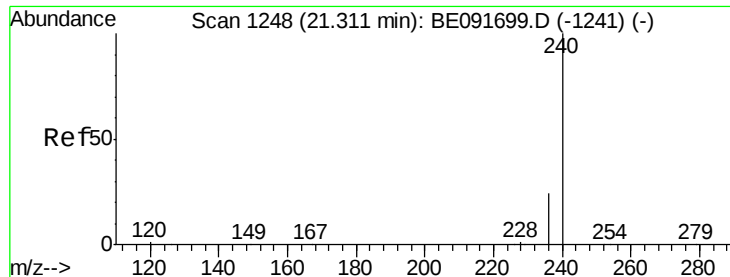


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

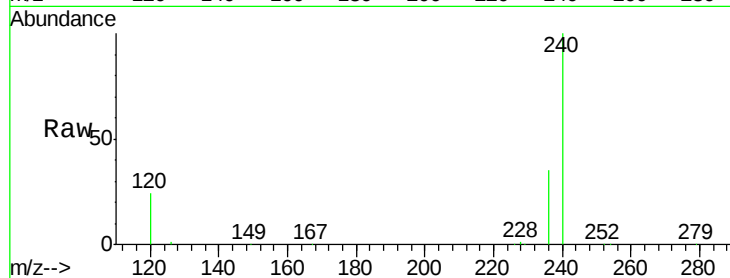




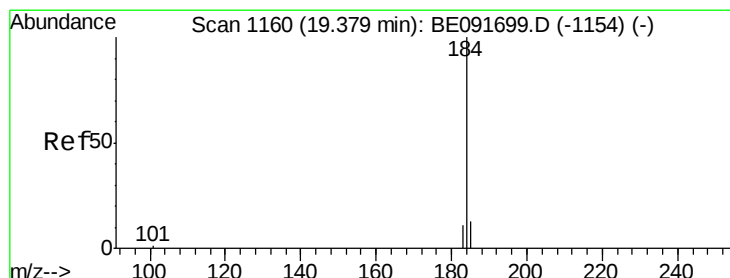
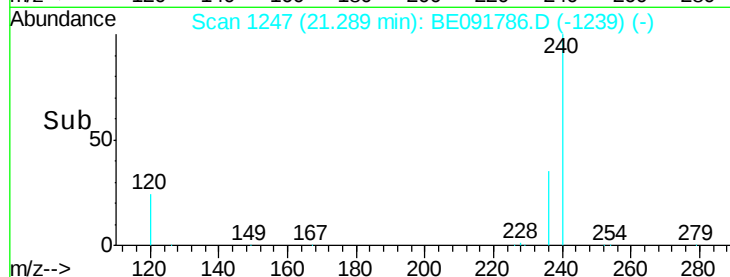
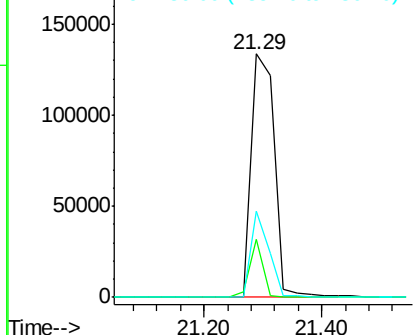
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091786.D
Acq: 16 May 2016 22:50

Instrument :
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Tgt Ion:240 Resp: 366444
Ion Ratio Lower Upper
240 100
120 23.8 11.0 16.4#
236 35.2 21.7 32.5#

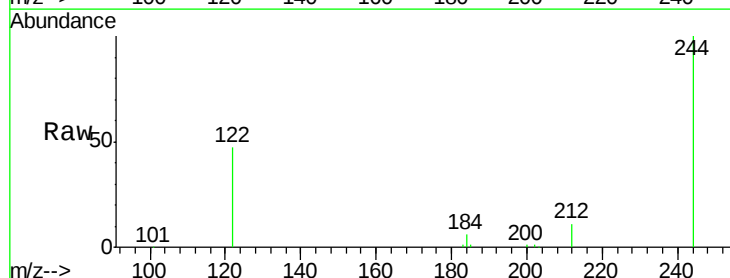


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

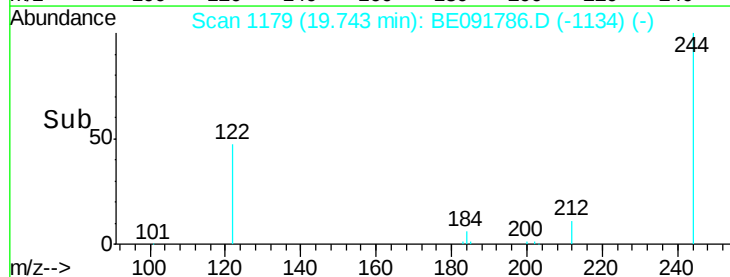
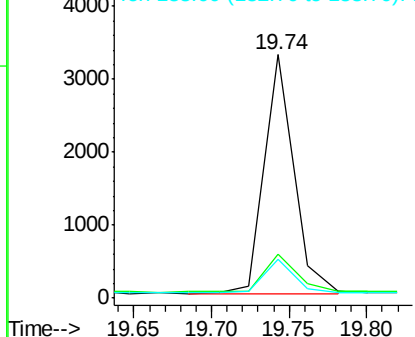


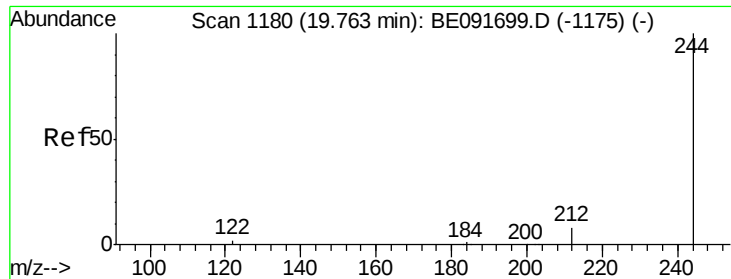
#27
Benzidine
Concen: 0.31 ng
RT: 19.74 min Scan# 1179
Delta R.T. 0.36 min
Lab File: BE091786.D
Acq: 16 May 2016 22:50

Tgt Ion:184 Resp: 4367
Ion Ratio Lower Upper
184 100
185 18.1 22.3 33.5#
183 15.8 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: 4.33 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

Instrument :

BNA_E

ClientSampleId :

KY024MW068-160511

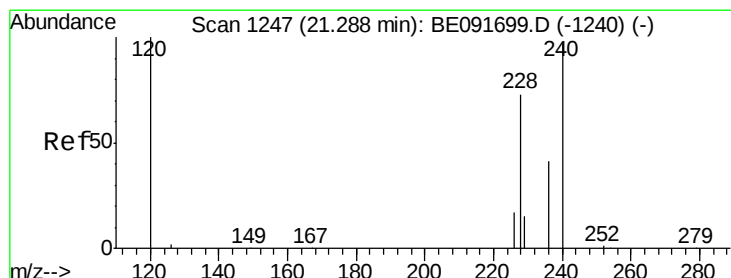
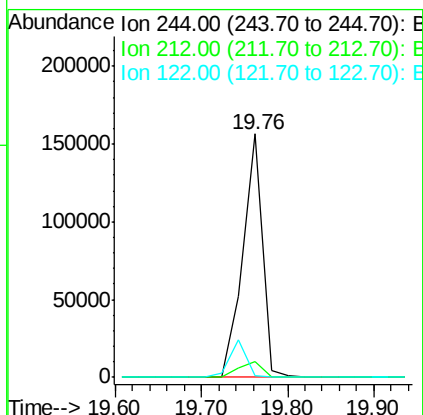
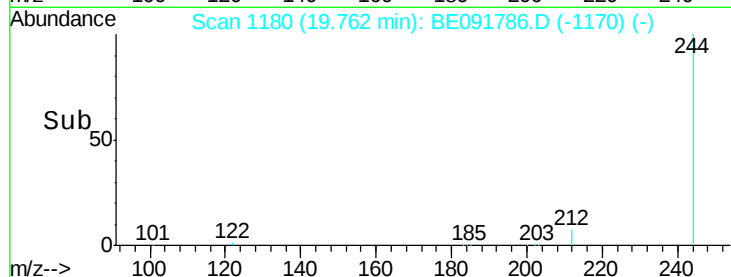
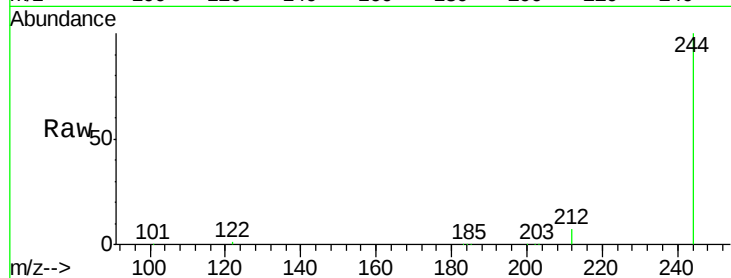
Tgt Ion:244 Resp: 247580

Ion Ratio Lower Upper

244 100

212 6.7 6.9 10.3#

122 0.8 11.0 16.4#



#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

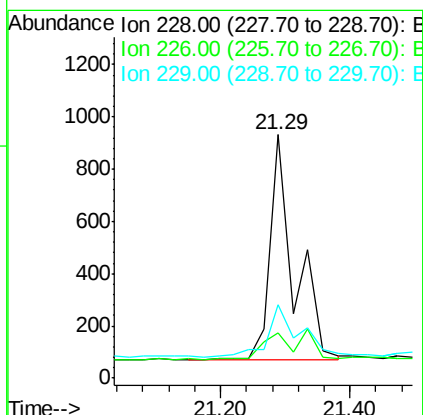
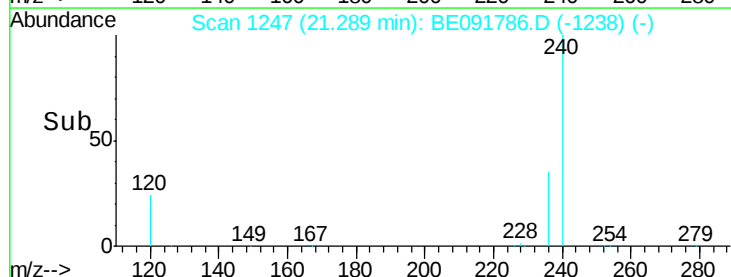
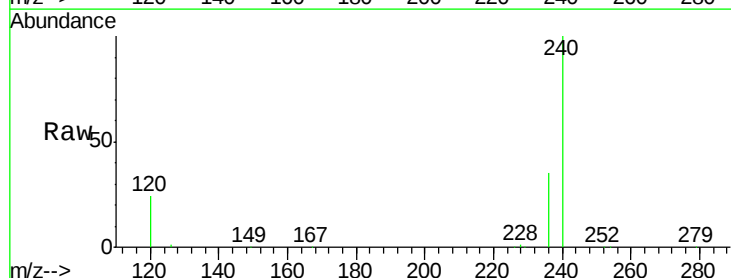
Tgt Ion:228 Resp: 2257

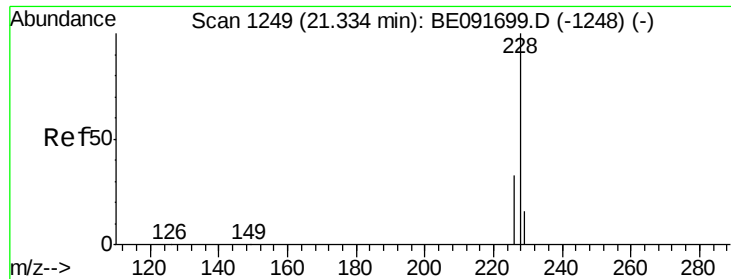
Ion Ratio Lower Upper

228 100

226 18.8 21.0 31.4#

229 30.3 15.7 23.5#





#32

Chrysene

Concen: 0.02 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

Instrument :

BNA_E

ClientSampleId :

KY024MW068-160511

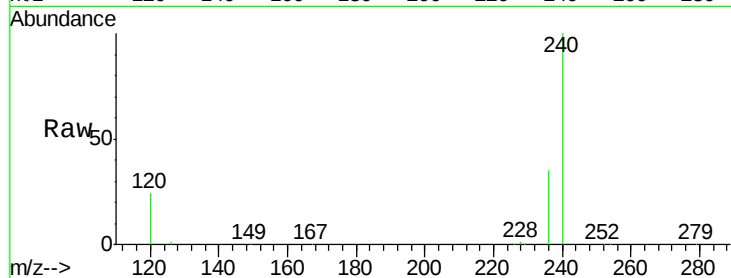
Tgt Ion:228 Resp: 2289

Ion Ratio Lower Upper

228 100

226 18.8 24.0 36.0#

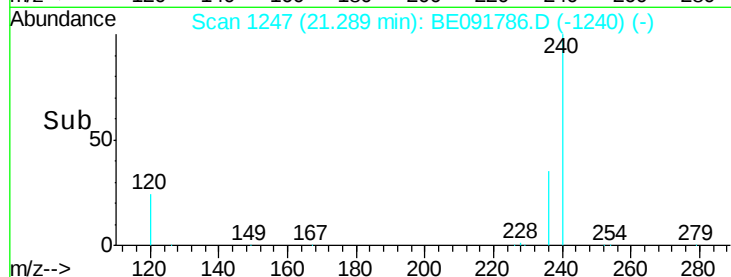
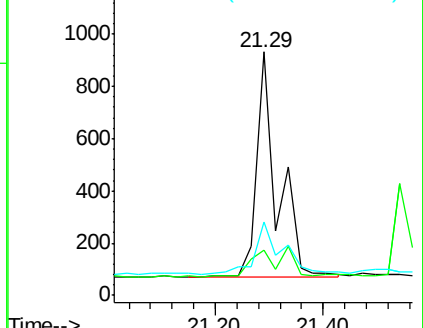
229 30.3 15.9 23.9#



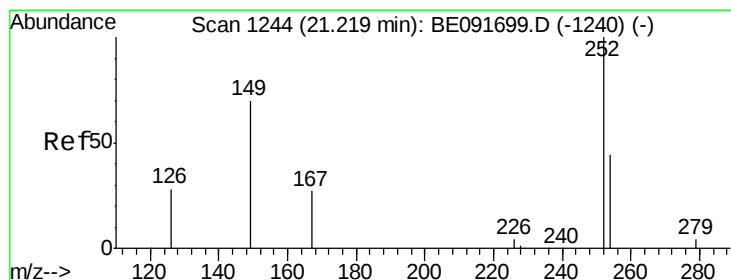
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091786.D

Acq: 16 May 2016 22:50

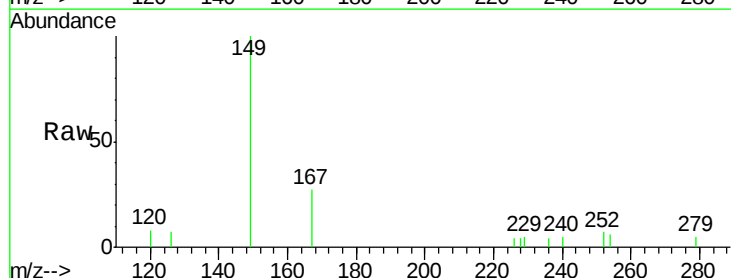
Tgt Ion:149 Resp: 2214

Ion Ratio Lower Upper

149 100

167 27.2 19.5 29.3

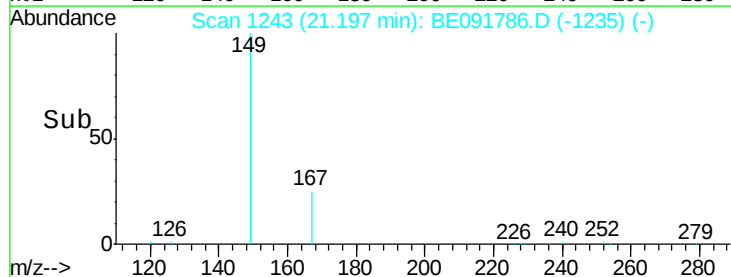
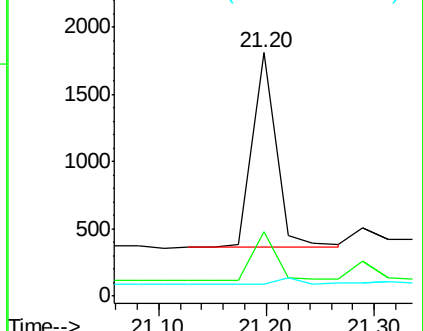
279 0.0 10.0 15.0#



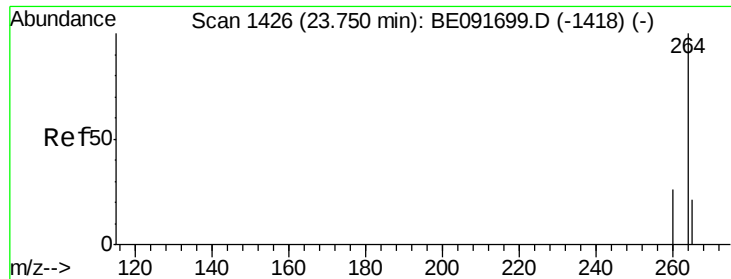
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091786.D

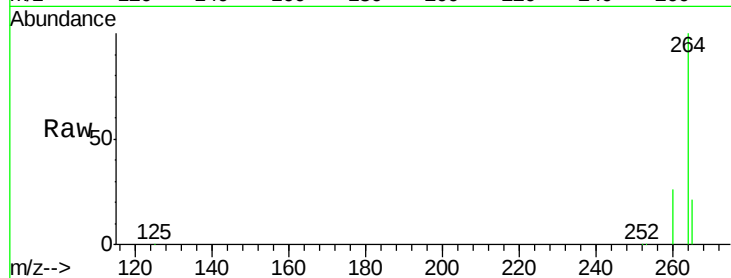
Acq: 16 May 2016 22:50

Instrument :

BNA_E

ClientSampleId :

KY024MW068-160511



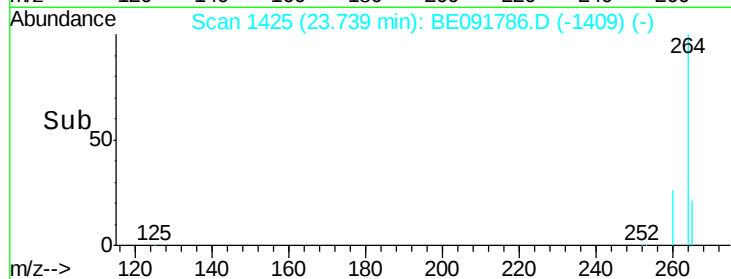
Tgt Ion:264 Resp: 378898

Ion Ratio Lower Upper

264 100

260 26.0 20.0 30.0

265 21.2 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

