

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072015\
 Data File : BE090176.D
 Acq On : 20 Jul 2015 15:01
 Operator : TP/IZ
 Sample : G3009-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 21 02:10:02 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	11137	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	55954	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	32855	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	81550	5.00	ng	0.00
25) Chrysene-d12	21.11	240	92352	5.00	ng	0.00
32) Perylene-d12	23.43	264	90005	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	4756	1.82	ng	0.00
5) Phenol-d6	6.79	99	4417	1.31	ng	0.00
7) Nitrobenzene-d5	8.74	82	9537	2.57	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	4656	6.00	ng	-0.02
14) 2-Fluorobiphenyl	12.84	172	25720	2.66	ng	0.00
27) Terphenyl-d14	19.57	244	53579	3.47	ng	0.00

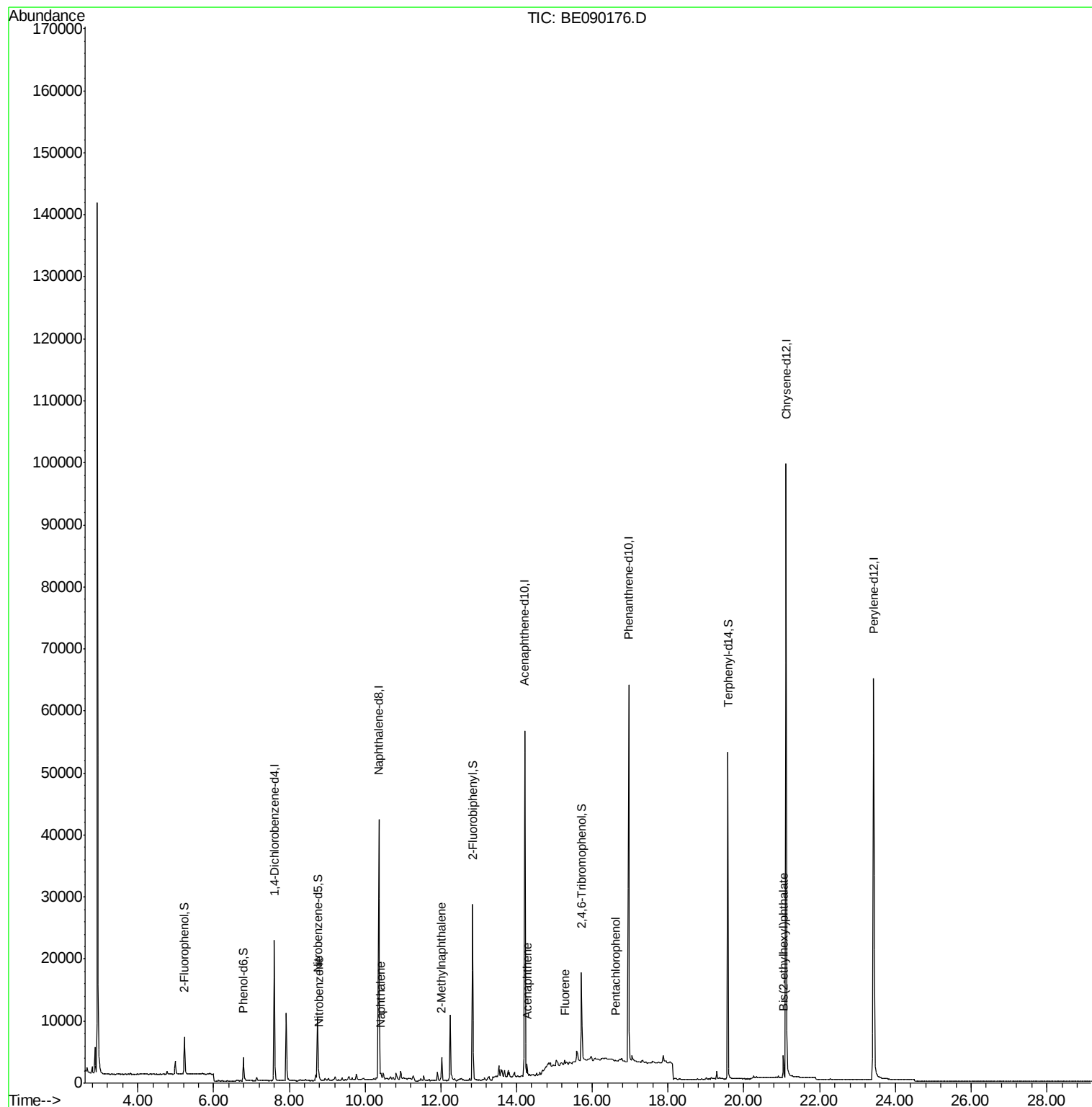
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	19	Below Cal	#	1
8) Nitrobenzene	8.78	77	575	0.16	ng	13
9) Naphthalene	10.41	128	702	0.06	ng	1
11) 2-Methylnaphthalene	12.02	142	2695	0.33	ng	95
16) Acenaphthene	14.28	154	349	0.04	ng	89
17) Fluorene	15.27	166	486	0.04	ng	74
21) Pentachlorophenol	16.61	266	55	0.34	ng	73
30) Bis(2-ethylhexyl)phthalate	21.05	149	3243	0.30	ng	100

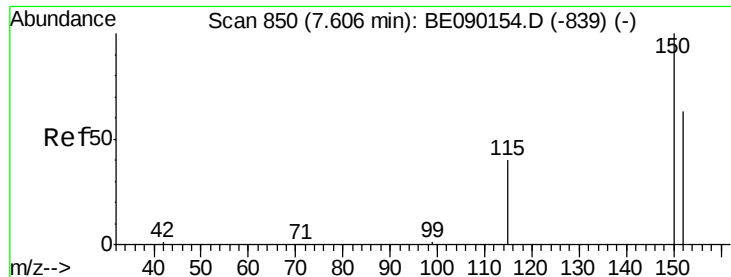
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampled :

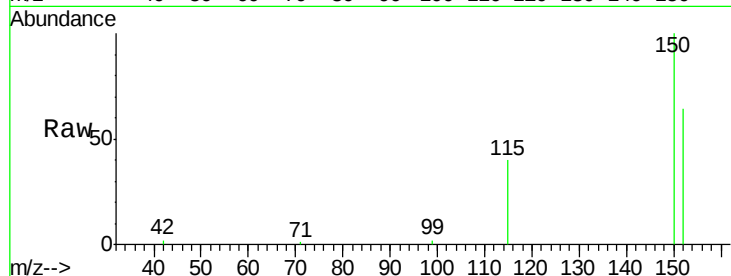
Tot Ion:152 Resp: 11137

Ion Ratio Lower Upper

152 100

150 155.9 127.2 190.8

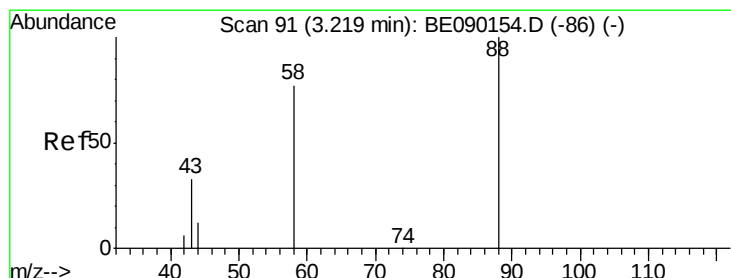
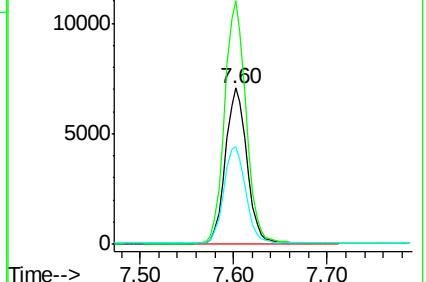
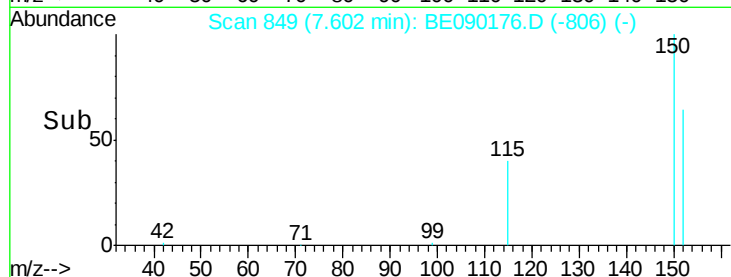
115 62.4 51.6 77.4



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: Below Cal

RT: 3.22 min Scan# 91

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

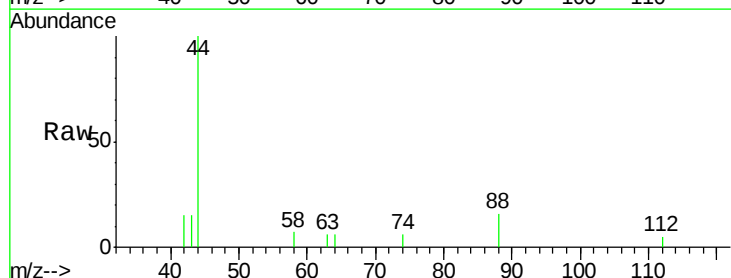
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

58 89.5 58.2 87.2#

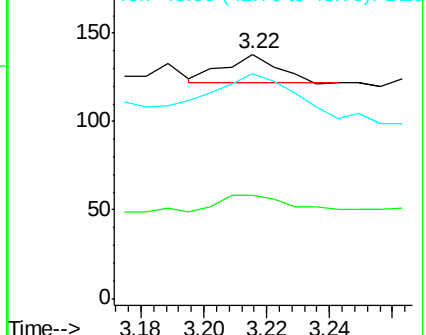
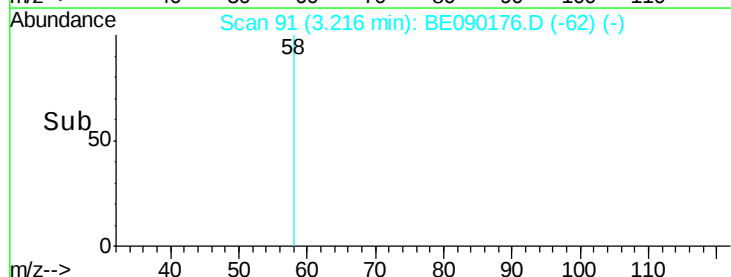
43 321.1 27.7 41.5#

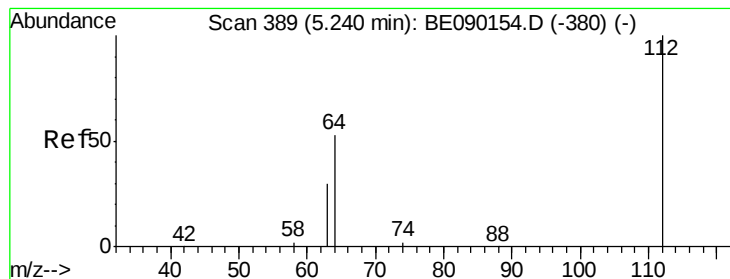


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 1.82 ng

RT: 5.23 min Scan# 388

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

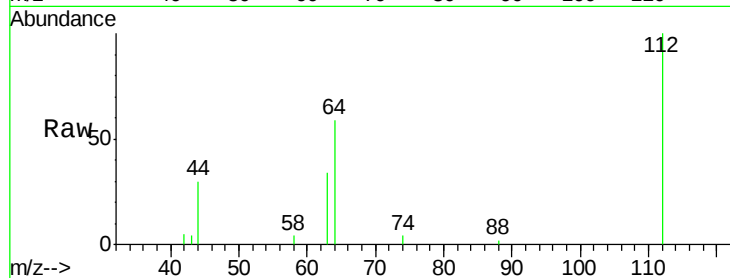
Tot Ion:112 Resp: 4756

Ion Ratio Lower Upper

112 100

64 58.9 46.7 70.1

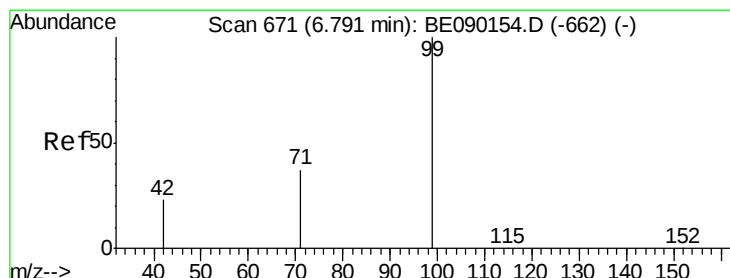
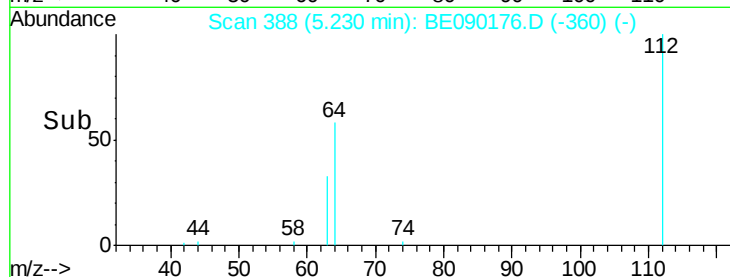
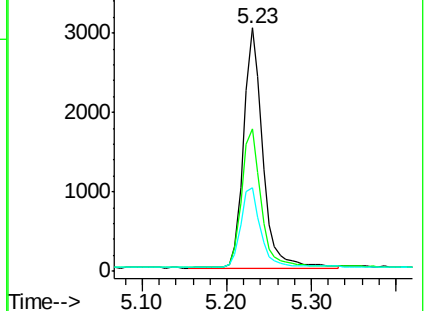
63 34.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BE090154.D (-380) (-)

Ion 64.00 (63.70 to 64.70): BE090154.D (-380) (-)

Ion 63.00 (62.70 to 63.70): BE090154.D (-380) (-)



#5

Phenol-d6

Concen: 1.31 ng

RT: 6.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

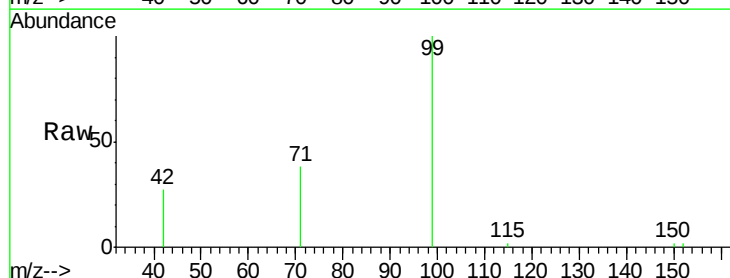
Tgt Ion: 99 Resp: 4417

Ion Ratio Lower Upper

99 100

42 24.8 19.1 28.7

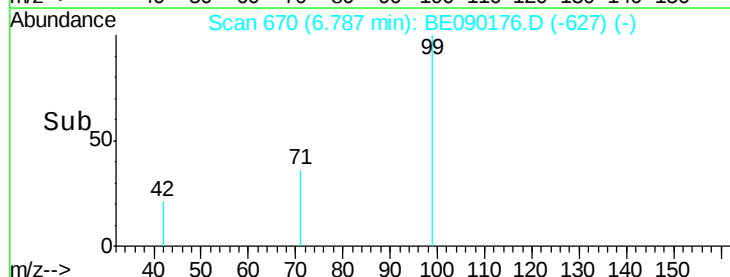
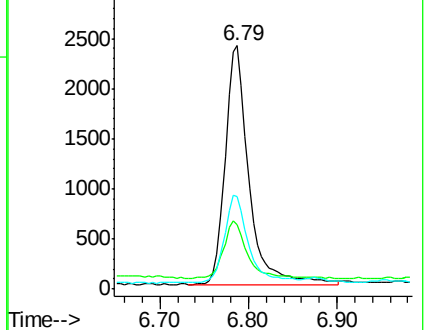
71 37.4 29.4 44.2

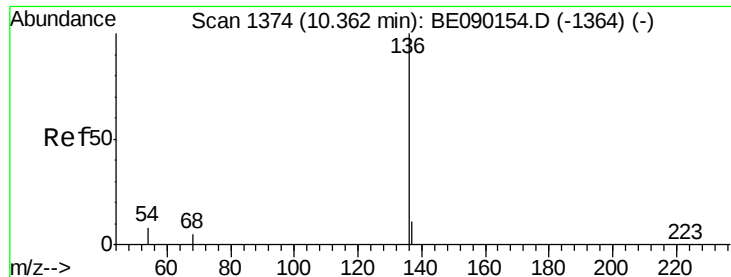


Abundance Ion 99.00 (98.70 to 99.70): BE090154.D (-662) (-)

Ion 42.00 (41.70 to 42.70): BE090154.D (-662) (-)

Ion 71.00 (70.70 to 71.70): BE090154.D (-662) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 55954

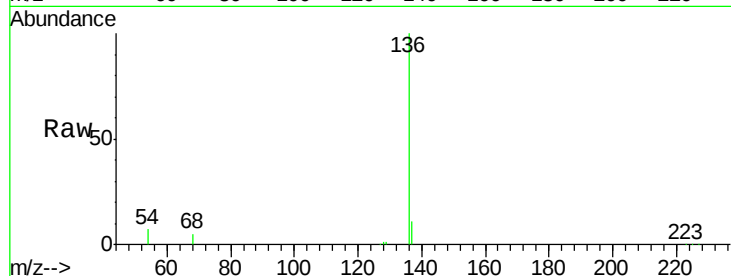
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.3 9.5

68 5.1 4.3 6.5

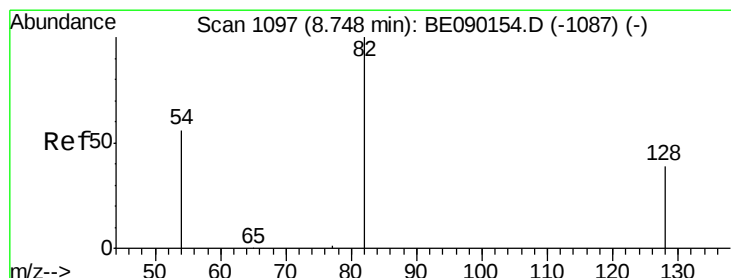
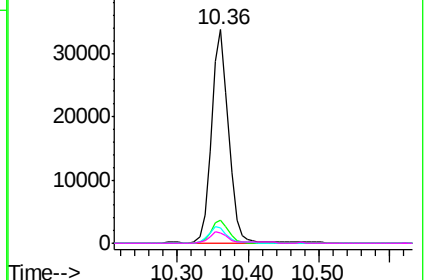
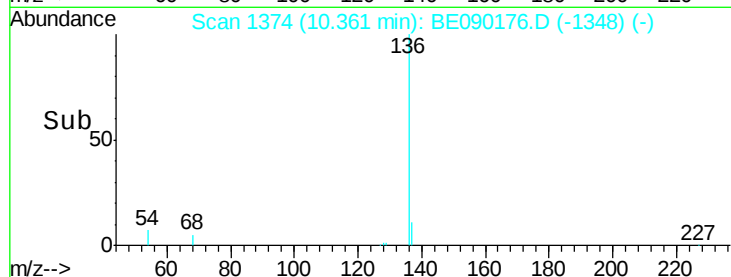


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 2.57 ng

RT: 8.74 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

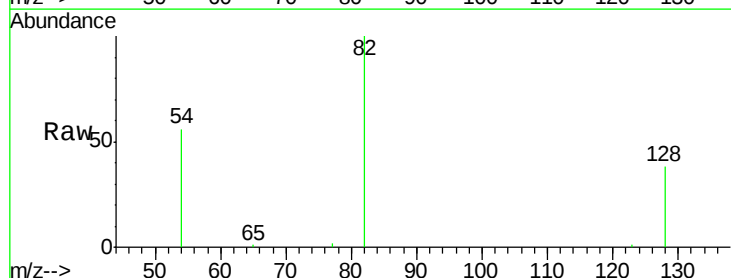
Tgt Ion: 82 Resp: 9537

Ion Ratio Lower Upper

82 100

128 37.9 32.7 49.1

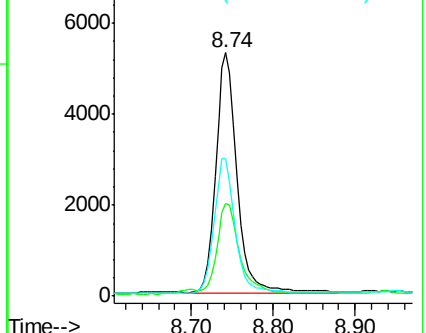
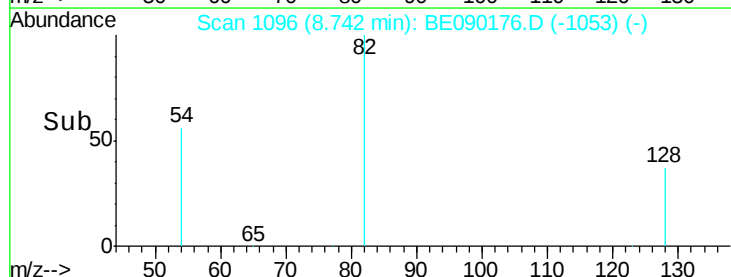
54 56.2 45.9 68.9

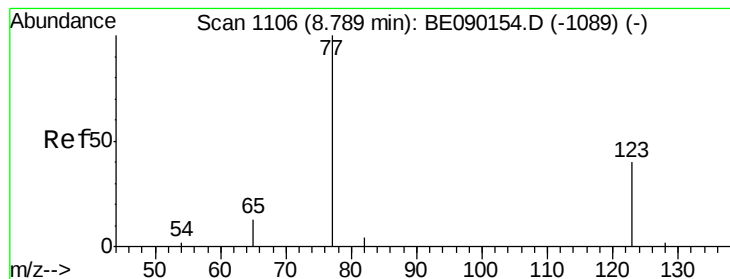


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.16 ng

RT: 8.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampled :

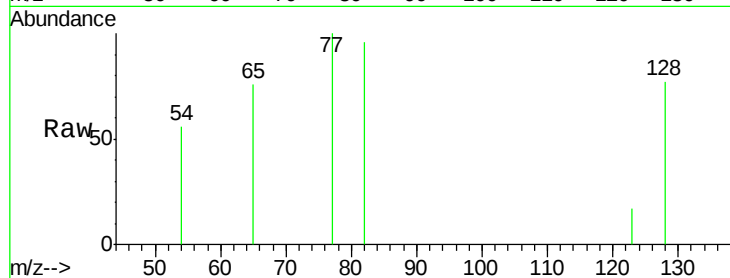
Tot Ion: 77 Resp: 575

Ion Ratio Lower Upper

77 100

123 0.7 32.3 48.5#

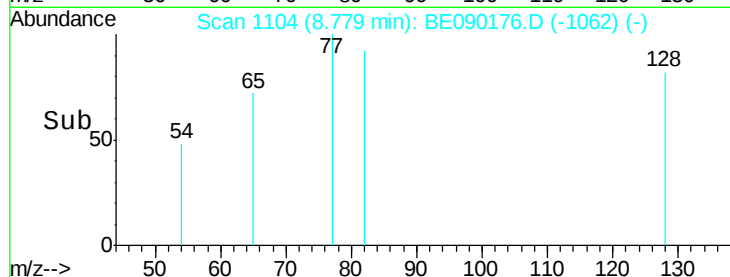
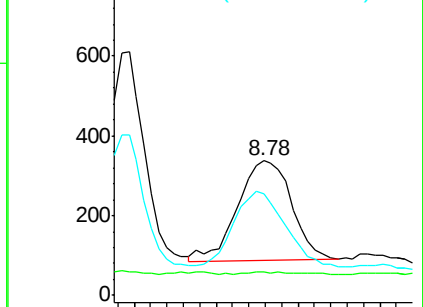
65 75.5 10.4 15.6#



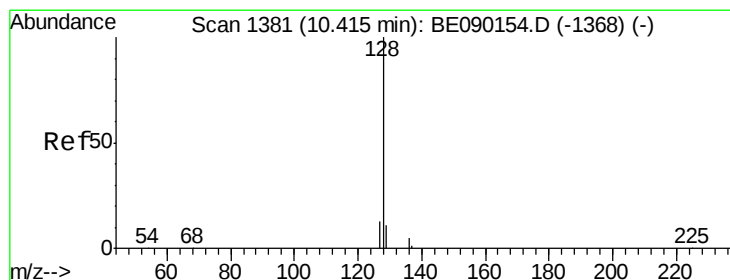
Abundance Ion 77.00 (76.70 to 77.70): BE090154.D (-1089) (-)

Ion 123.00 (122.70 to 123.70): BE090154.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BE090154.D (-1089) (-)



Time-->



#9

Naphthalene

Concen: 0.06 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

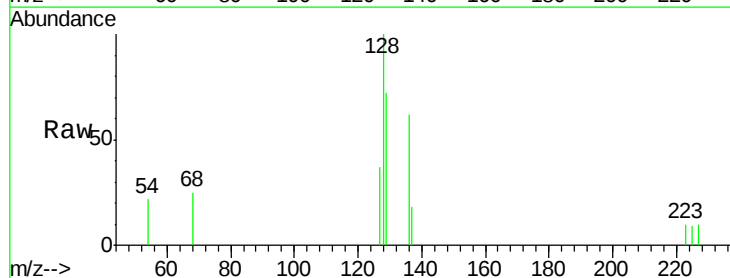
Tgt Ion: 128 Resp: 702

Ion Ratio Lower Upper

128 100

129 71.6 9.8 14.6#

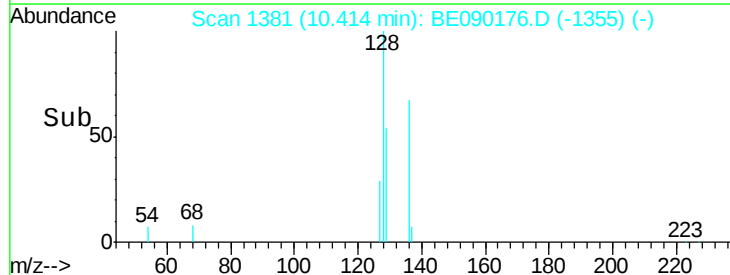
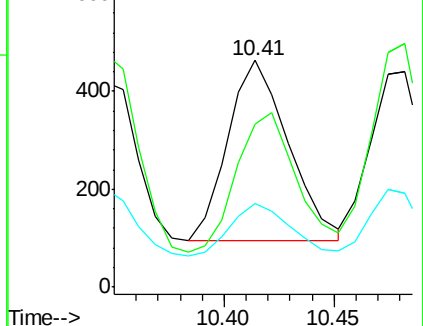
127 37.1 10.7 16.1#



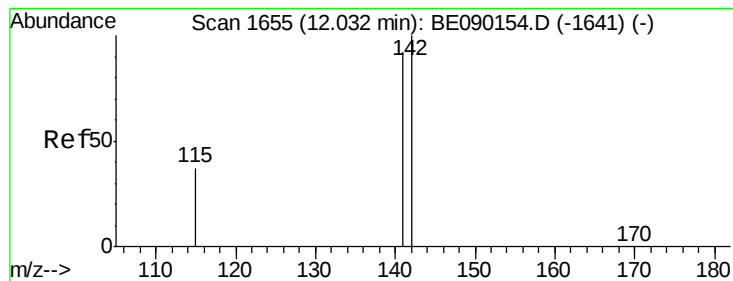
Abundance Ion 128.00 (127.70 to 128.70): BE090154.D (-1368) (-)

Ion 129.00 (128.70 to 129.70): BE090154.D (-1368) (-)

Ion 127.00 (126.70 to 127.70): BE090154.D (-1368) (-)



Time-->



#11

2-Methylnaphthalene

Concen: 0.33 ng

RT: 12.02 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

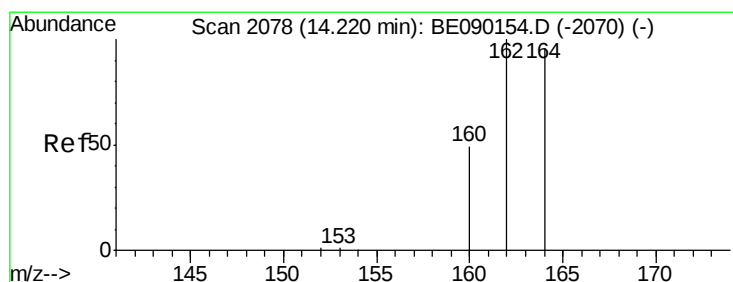
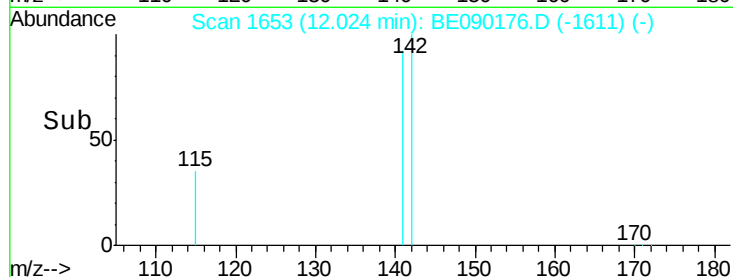
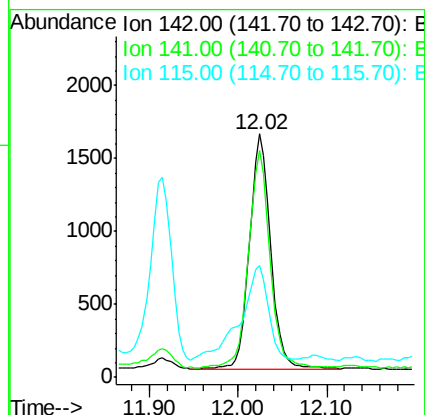
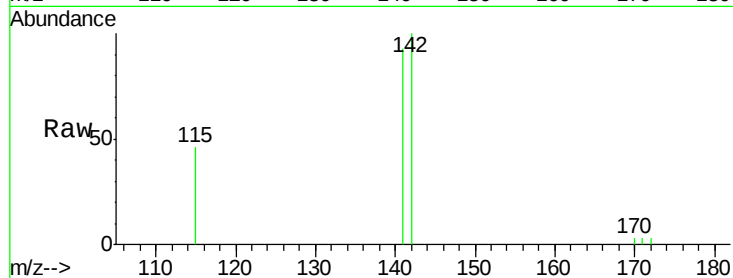
Tot Ion:142 Resp: 2695

Ion Ratio Lower Upper

142 100

141 93.5 73.9 110.9

115 46.0 30.0 45.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

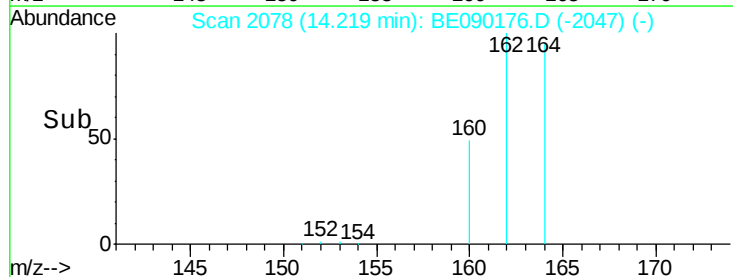
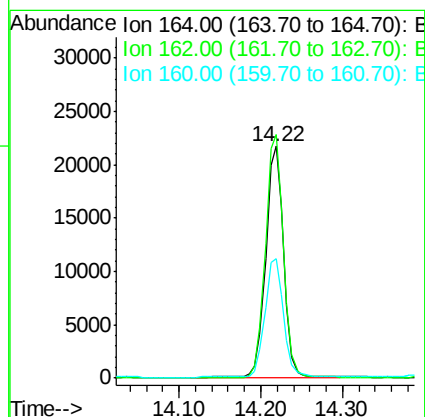
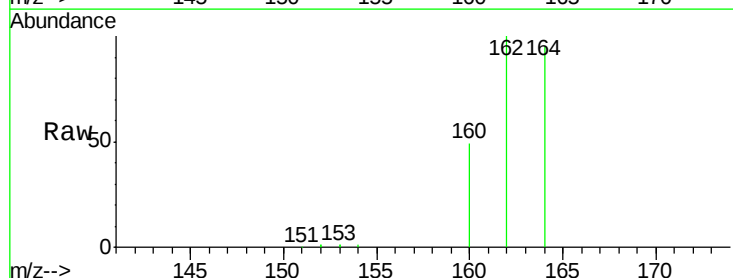
Tgt Ion:164 Resp: 32855

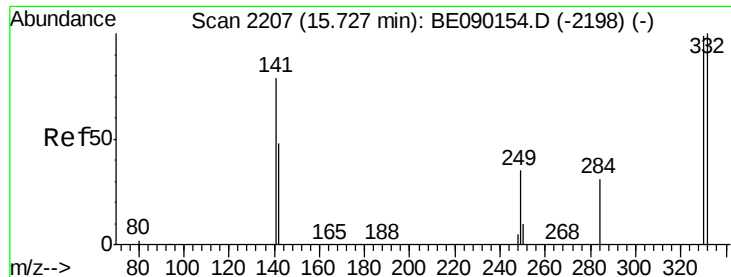
Ion Ratio Lower Upper

164 100

162 105.1 83.3 124.9

160 51.7 40.9 61.3

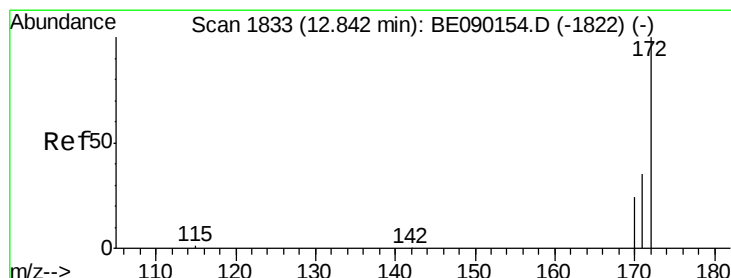
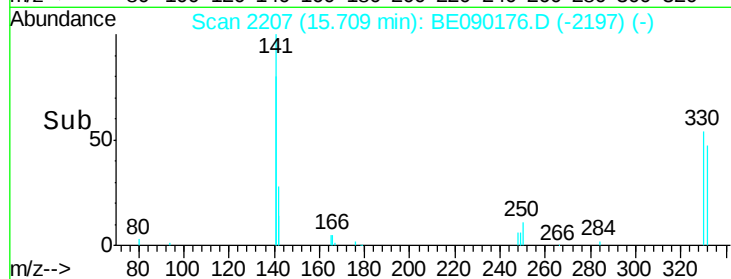
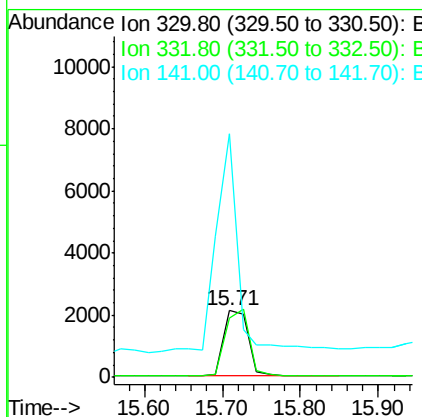
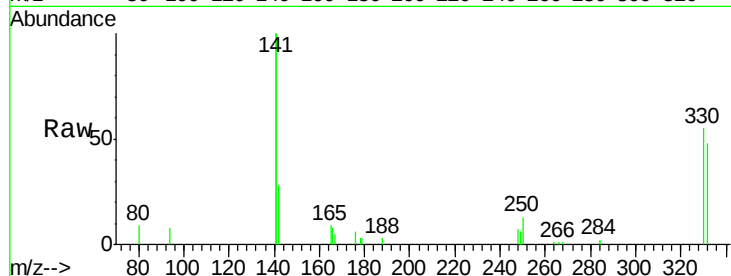




#13
 2,4,6-Tribromophenol
 Concen: 6.00 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.02 min
 Lab File: BE090176.D
 Acq: 20 Jul 2015 15:01

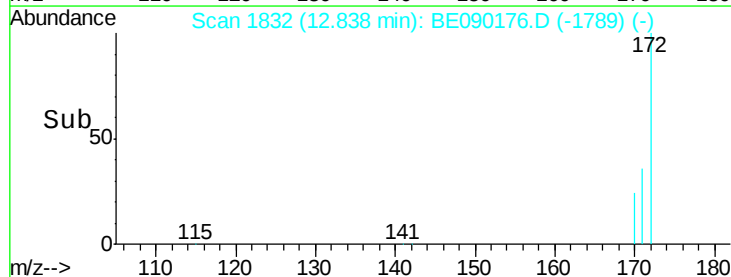
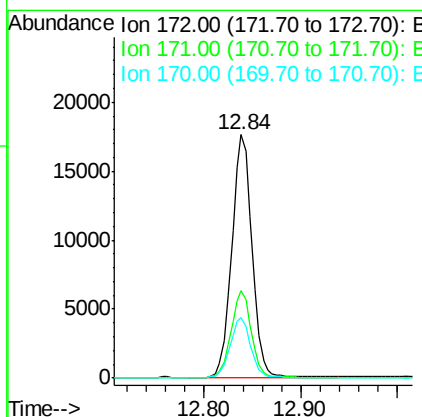
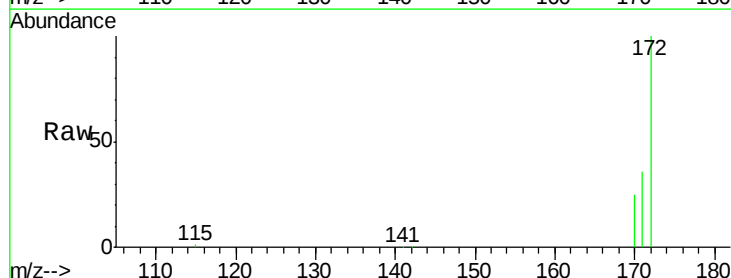
Instrument :
 BNA_E
 ClientSampled :

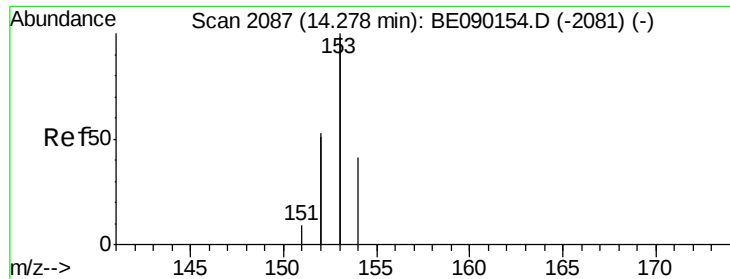
Tot Ion:330 Resp: 4656
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.2 117.2
 141 297.6 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 2.66 ng
 RT: 12.84 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BE090176.D
 Acq: 20 Jul 2015 15:01

Tgt Ion:172 Resp: 25720
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.7 19.7 29.5





#16

Acenaphthene

Concen: 0.04 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

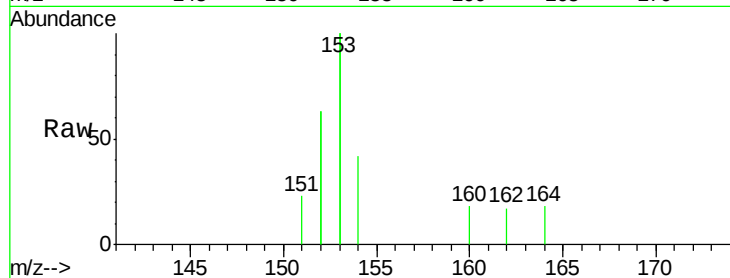
Tot Ion:154 Resp: 349

Ion Ratio Lower Upper

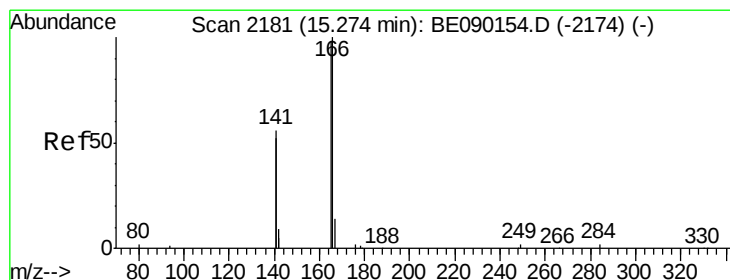
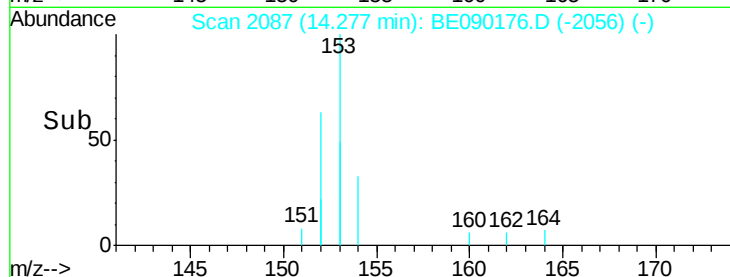
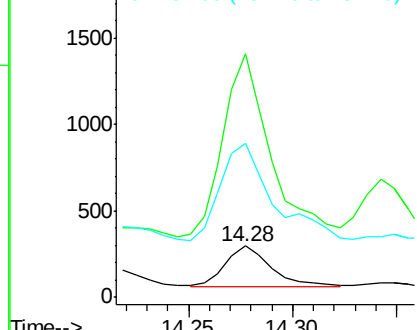
154 100

153 487.7 376.9 565.3

152 284.0 199.0 298.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#17

Fluorene

Concen: 0.04 ng

RT: 15.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

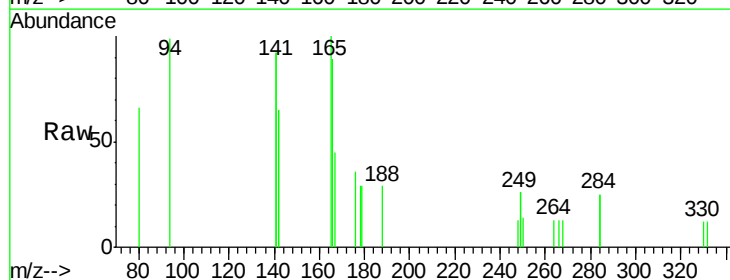
Tgt Ion:166 Resp: 486

Ion Ratio Lower Upper

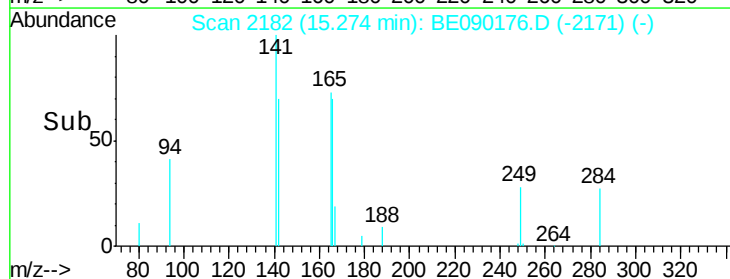
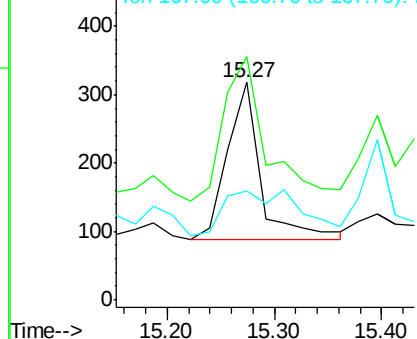
166 100

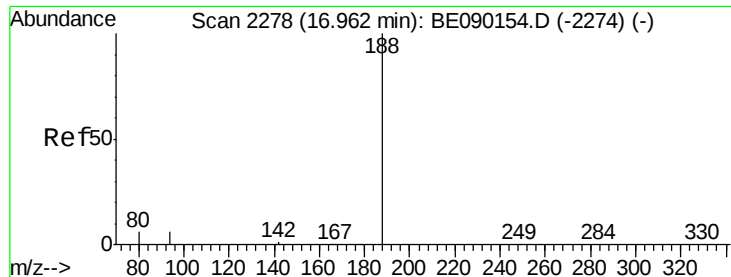
165 127.2 81.5 122.3#

167 0.0 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampleId :

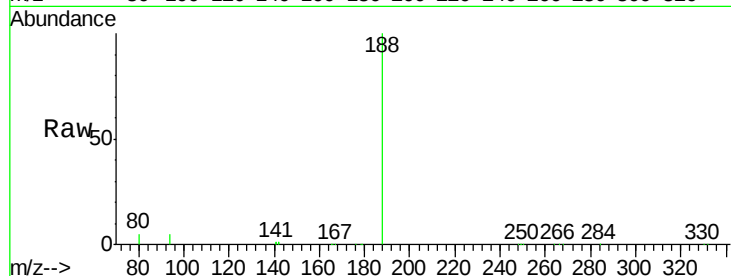
Tot Ion:188 Resp: 81550

Ion Ratio Lower Upper

188 100

94 4.8 4.6 7.0

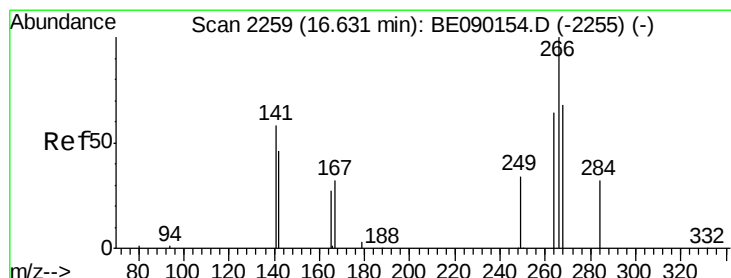
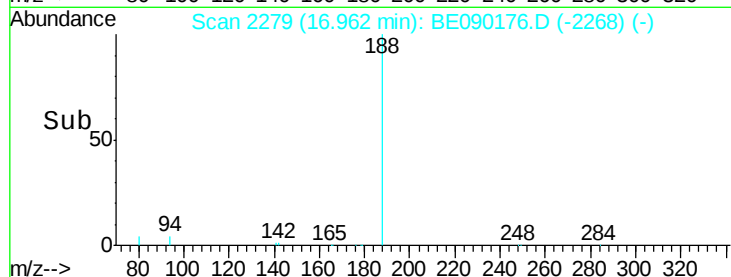
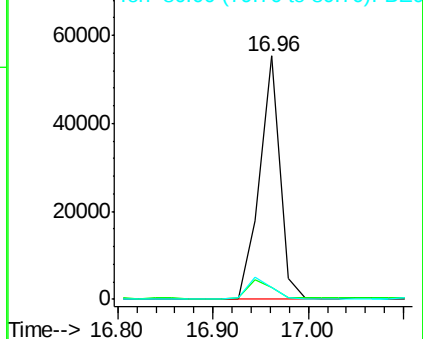
80 4.7 4.6 6.8



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



#21

Pentachlorophenol

Concen: 0.34 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

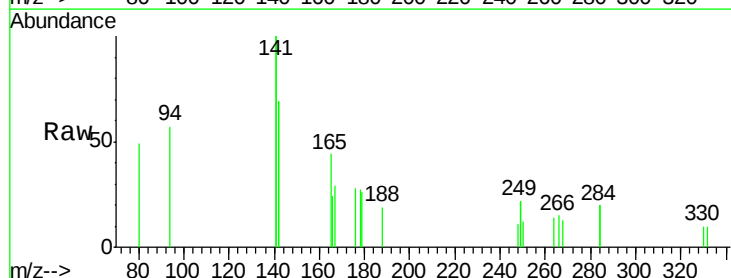
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 92.4 58.2 87.4#

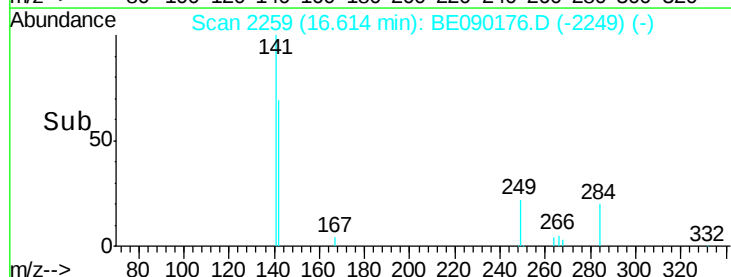
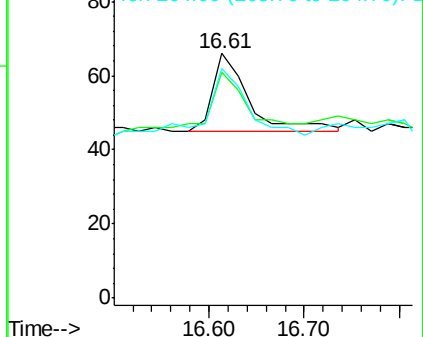
264 93.9 55.0 82.4#

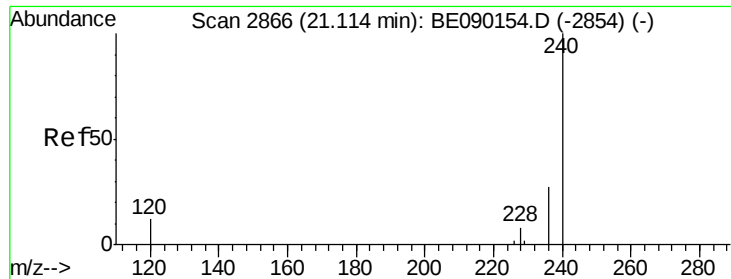


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2868

Delta R.T. 0.00 min

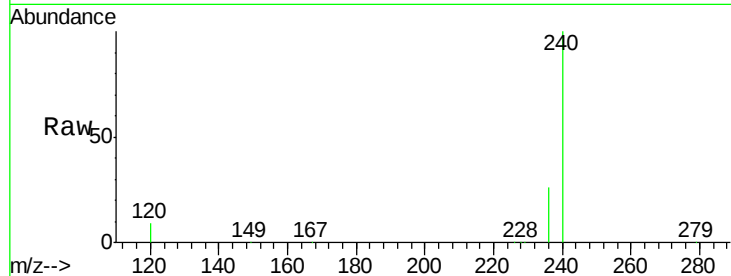
Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

Instrument :

BNA_E

ClientSampled :



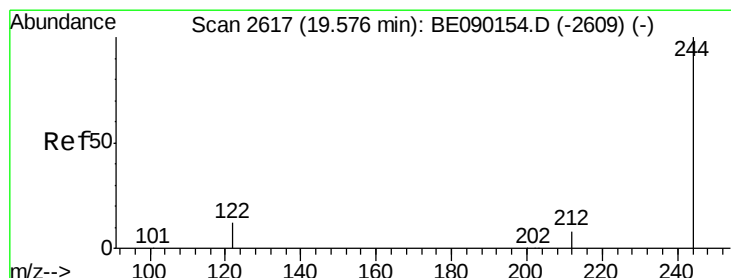
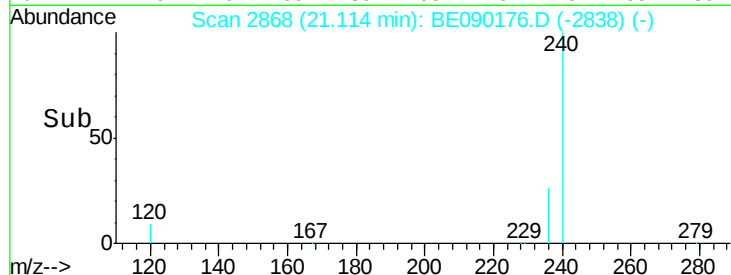
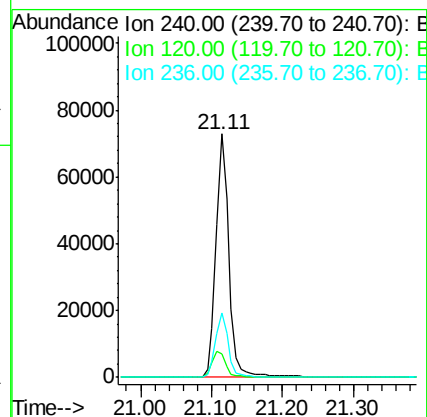
Tot Ion:240 Resp: 92352

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.0

236 26.2 21.8 32.8



#27

Terphenyl-d14

Concen: 3.47 ng

RT: 19.57 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BE090176.D

Acq: 20 Jul 2015 15:01

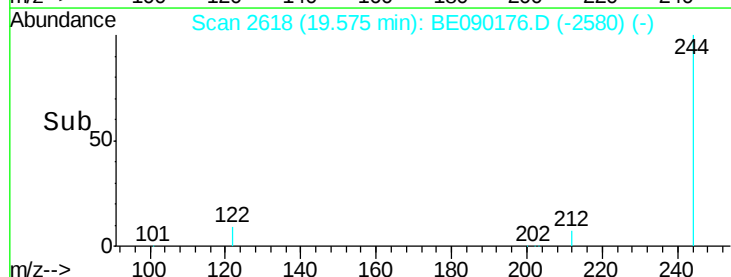
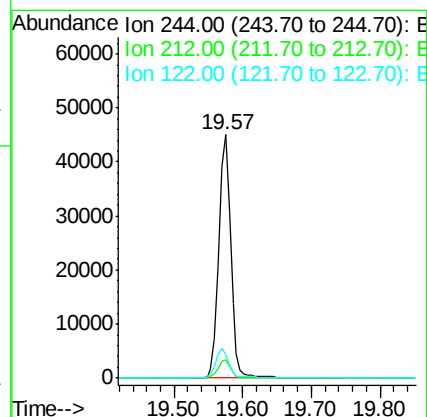
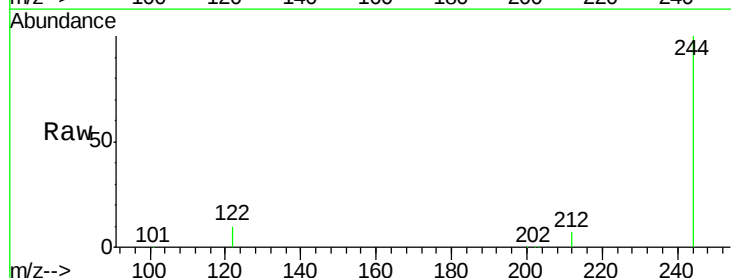
Tgt Ion:244 Resp: 53579

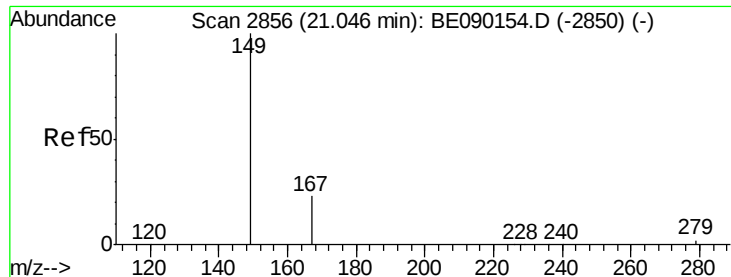
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 9.7 9.8 14.6#

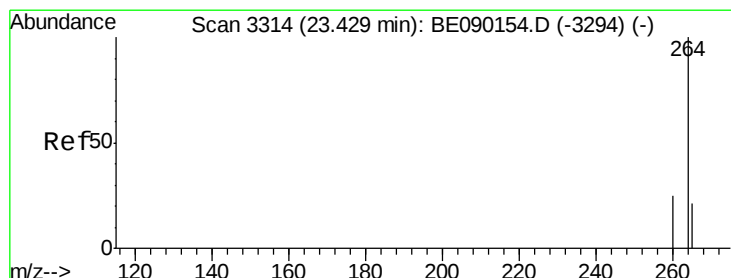
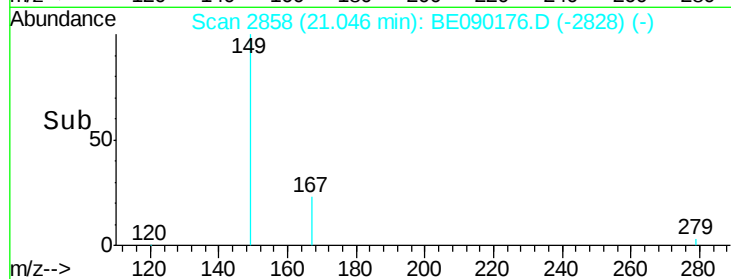
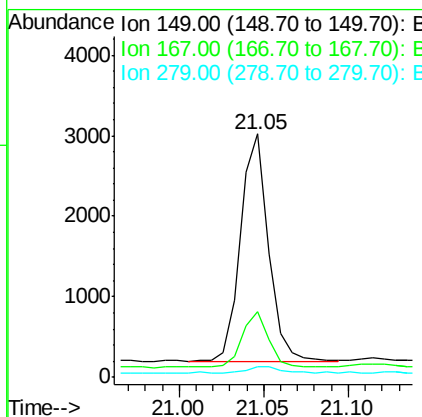
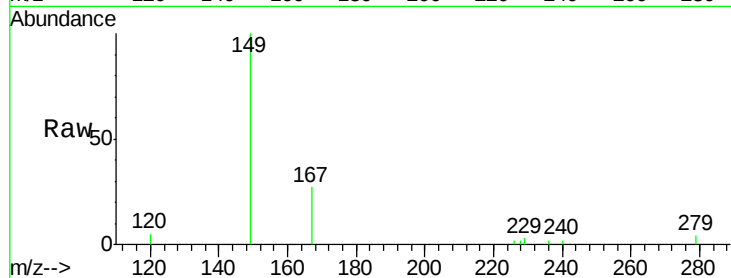




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. 0.00 min
 Lab File: BE090176.D
 Acq: 20 Jul 2015 15:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 3243
 Ion Ratio Lower Upper
 149 100
 167 23.5 18.6 28.0
 279 3.0 2.2 3.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3315
 Delta R.T. -0.00 min
 Lab File: BE090176.D
 Acq: 20 Jul 2015 15:01

Tgt Ion:264 Resp: 90005
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 21.8 17.4 26.2

