

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090695.D
 Acq On : 2 Sep 2015 8:39
 Operator : UM/IZ
 Sample : G3503-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-D-M

Quant Time: Sep 02 12:19:26 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	43190	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	187403	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	96643	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	238504	5.00	ng	0.00
25) Chrysene-d12	21.07	240	307319	5.00	ng	0.00
32) Perylene-d12	23.36	264	288232	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	37613	4.48	ng	0.00
5) Phenol-d6	6.75	99	33746	2.81	ng	0.00
7) Nitrobenzene-d5	8.71	82	55718	4.50	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	28832	10.12	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	118997	4.45	ng	0.00
27) Terphenyl-d14	19.53	244	228664	6.72	ng	0.00

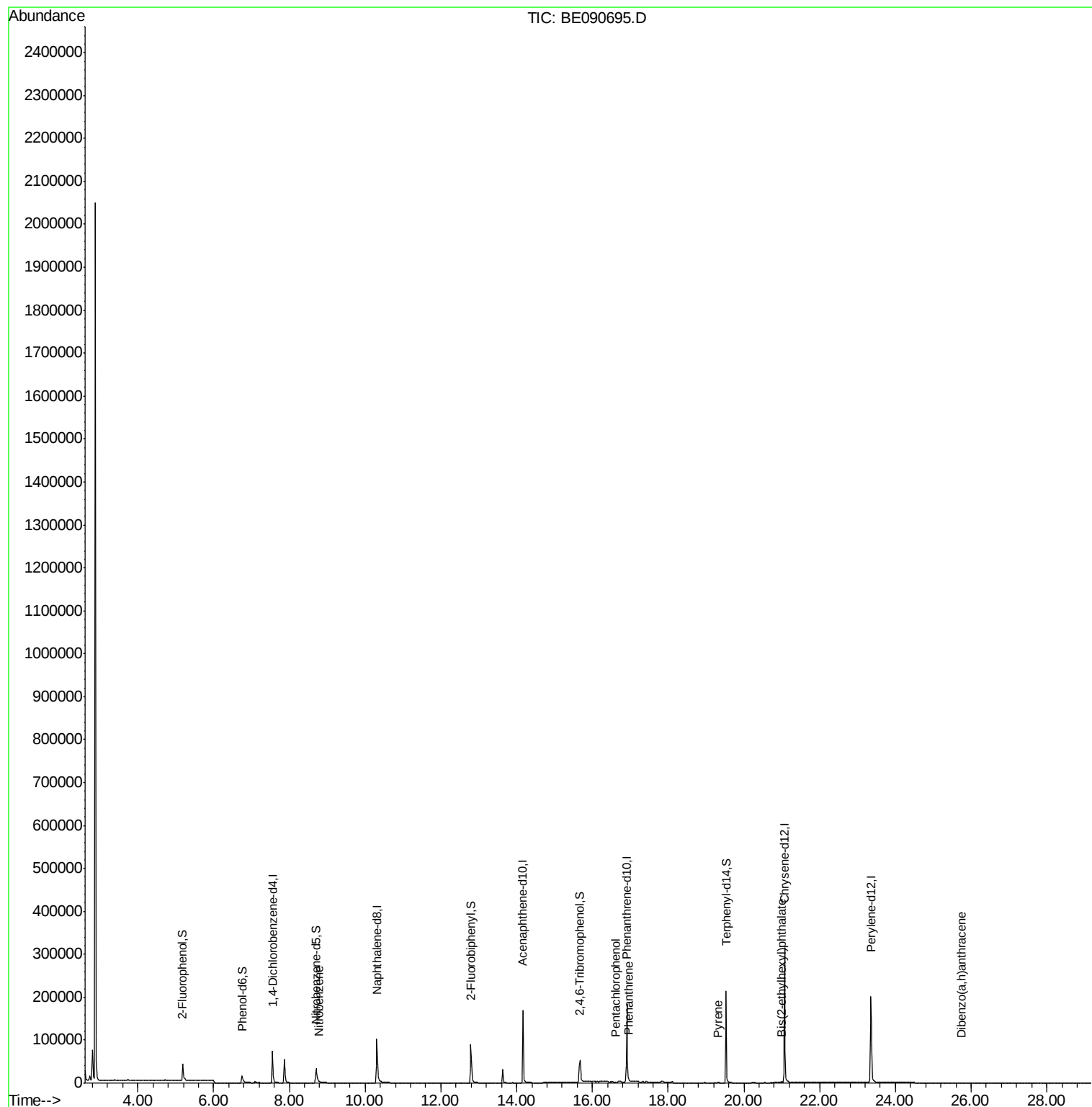
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	79	Below Cal	#	22
8) Nitrobenzene	8.77	77	12	0.11 ng	#	83
20) Hexachlorobenzene	16.23	284	86	Below Cal	#	1
21) Pentachlorophenol	16.61	266	20	0.47 ng	#	63
22) Phenanthrene	16.96	178	1222	0.02 ng	#	78
26) Pyrene	19.32	202	1348	0.02 ng		95
29) Chrysene	21.11	228	603	Below Cal	#	72
30) Bis(2-ethylhexyl)phthalate	21.00	149	2756	0.22 ng	#	94
36) Dibenzo(a,h)anthracene	25.74	278	290	0.14 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090695.D
Acq On : 2 Sep 2015 8:39
Operator : UM/IZ
Sample : G3503-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Quant Time: Sep 02 12:19:26 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M

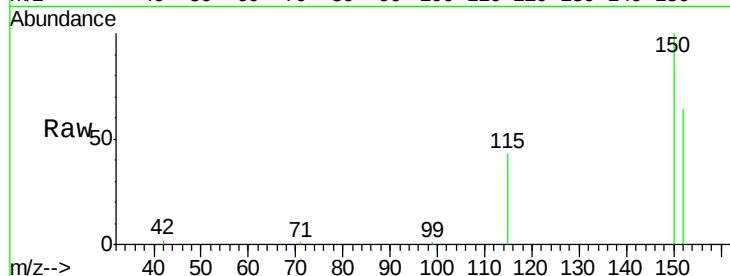
Tgt Ion:152 Resp: 43190

Ion Ratio Lower Upper

152 100

150 156.6 122.2 183.4

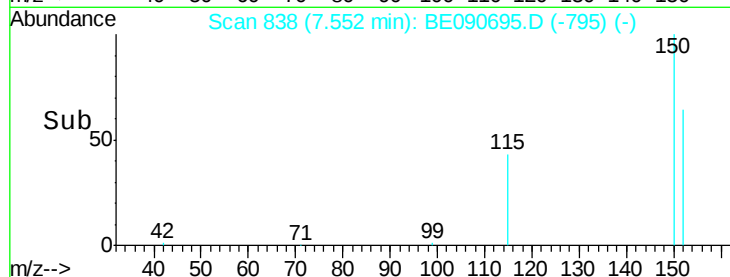
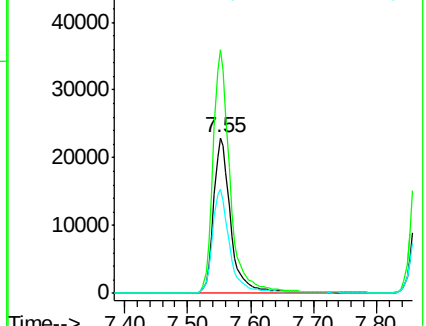
115 67.3 51.0 76.4



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. 0.05 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

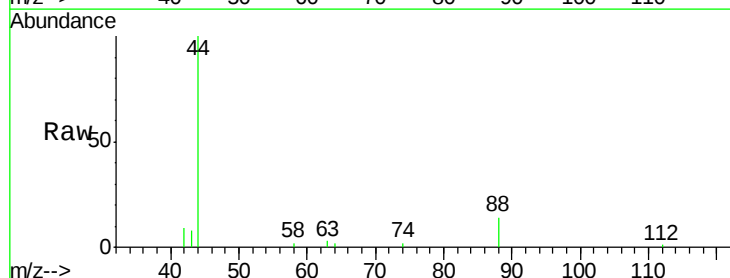
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

58 7.6 68.4 102.6#

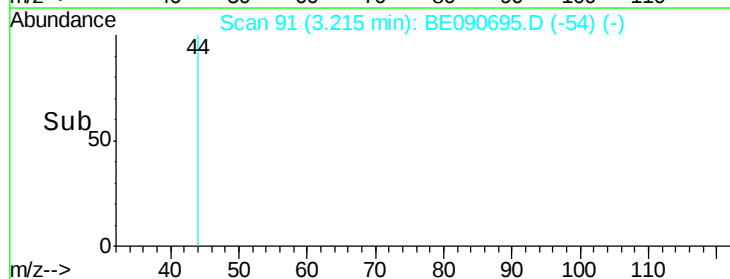
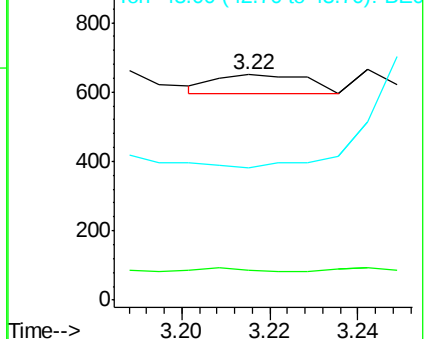
43 0.0 26.9 40.3#

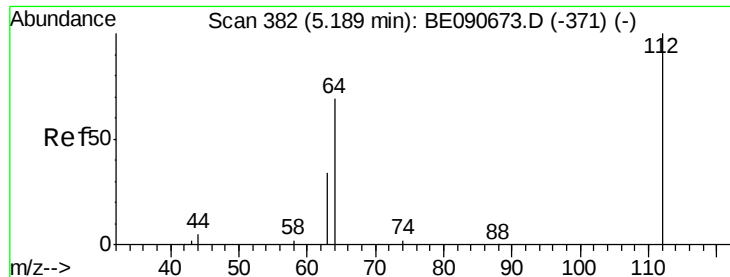


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 4.48 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M

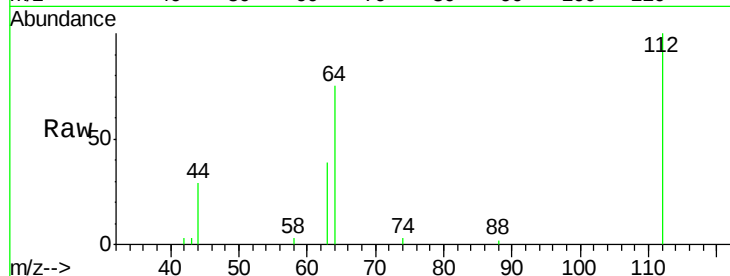
Tgt Ion: 112 Resp: 37613

Ion Ratio Lower Upper

112 100

64 71.3 57.3 85.9

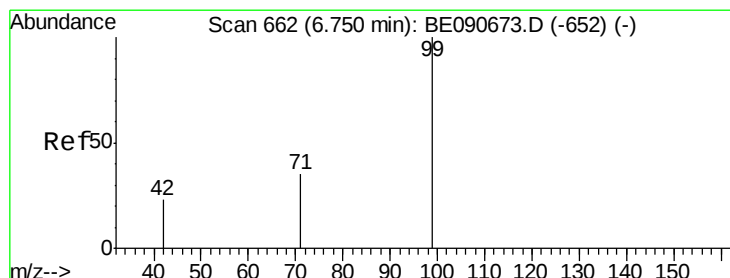
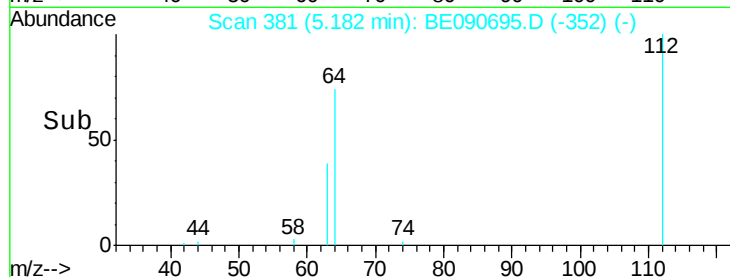
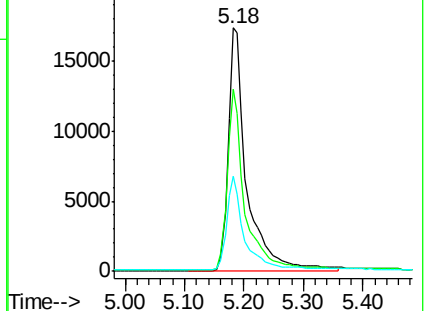
63 37.1 29.2 43.8



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: 2.81 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

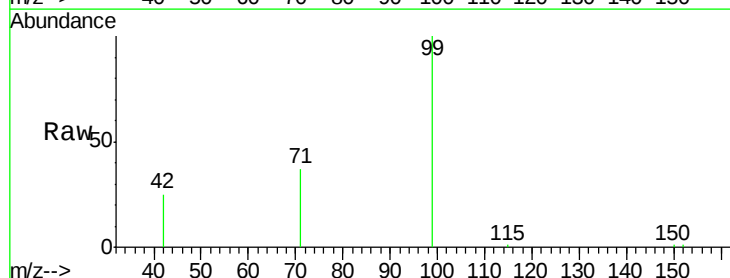
Tgt Ion: 99 Resp: 33746

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

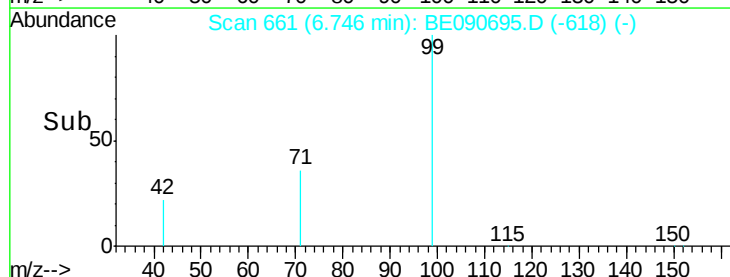
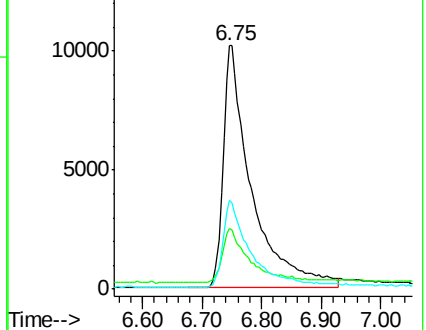
71 35.8 28.3 42.5

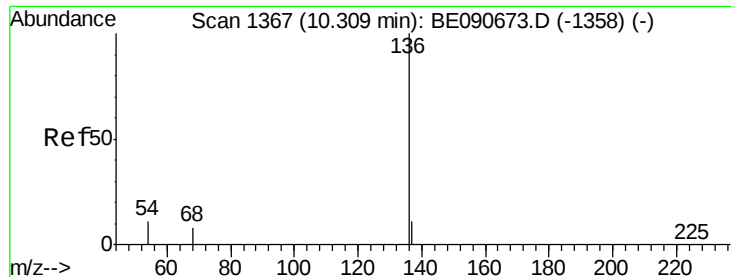


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M

Tgt Ion: 136 Resp: 187403

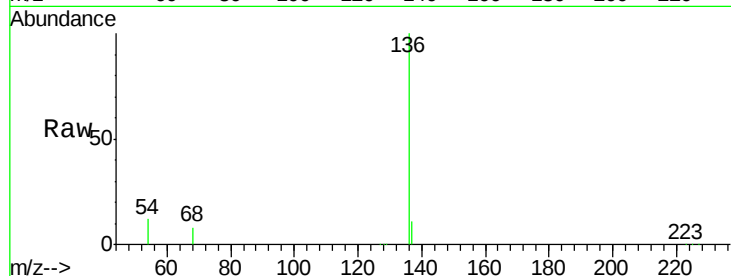
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.9 9.0 13.6

68 8.4 6.3 9.5

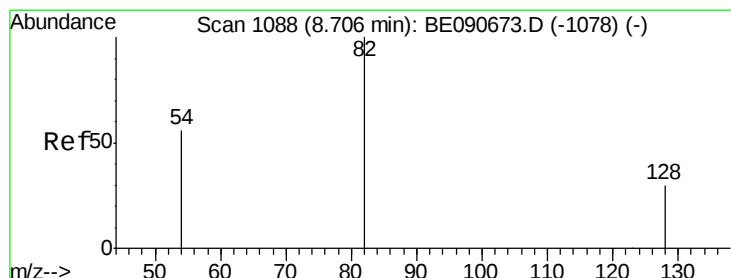
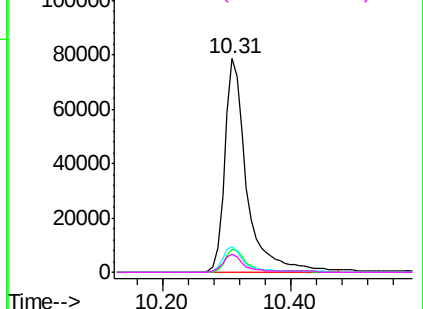
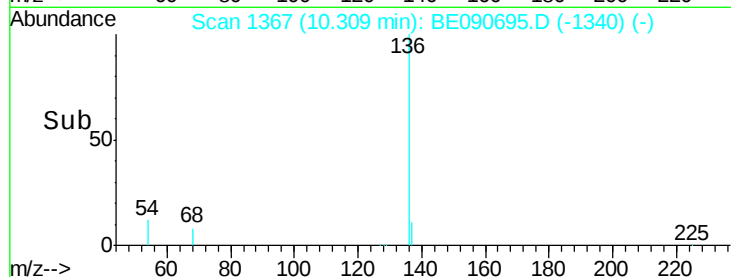


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.50 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

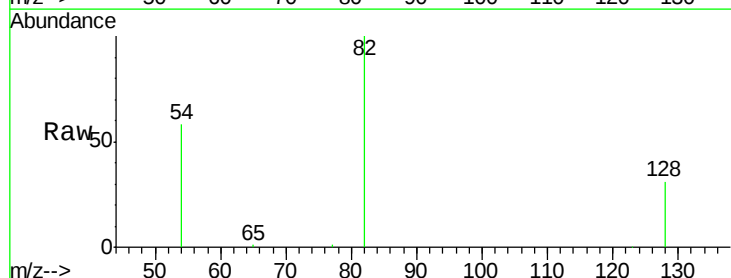
Tgt Ion: 82 Resp: 55718

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.4

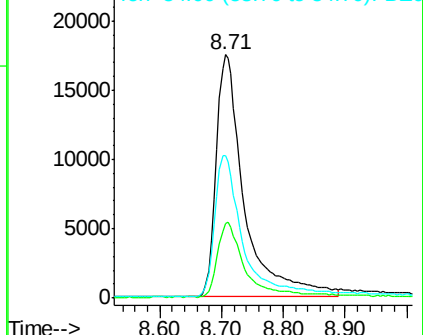
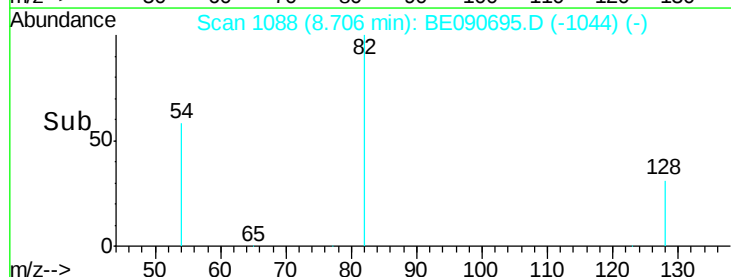
54 58.5 46.3 69.5

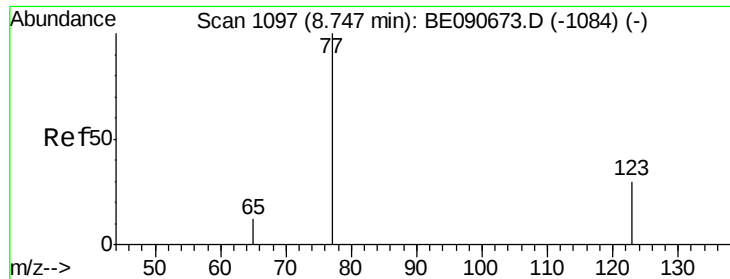


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.77 min Scan# 1103

Delta R.T. 0.03 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M

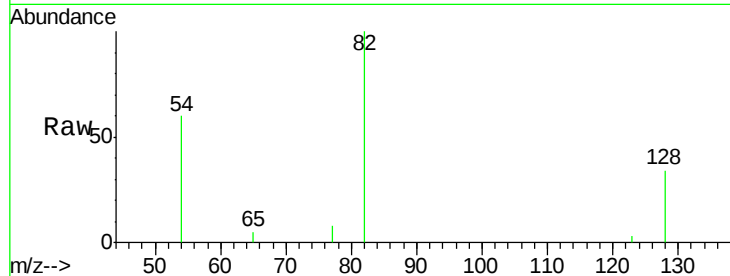
Tgt Ion: 77 Resp: 12

Ion Ratio Lower Upper

77 100

123 25.0 25.1 37.7#

65 0.0 9.9 14.9#

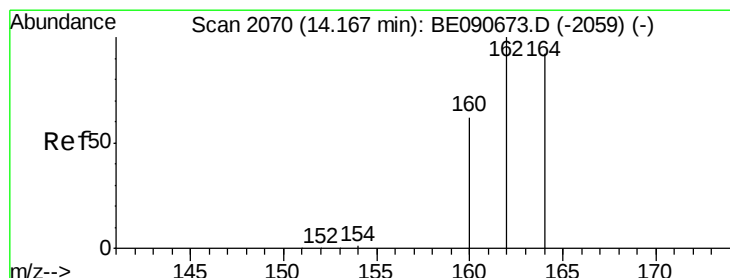
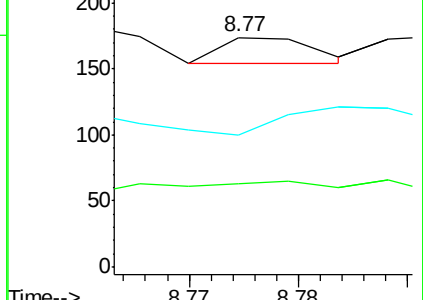
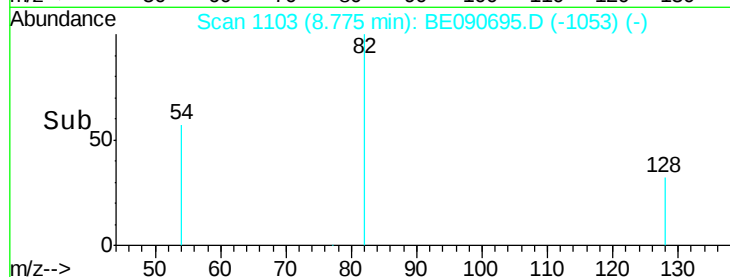


Abundance Ion 77.00 (76.70 to 77.70): BE090673.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090673.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090673.D (-1084) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

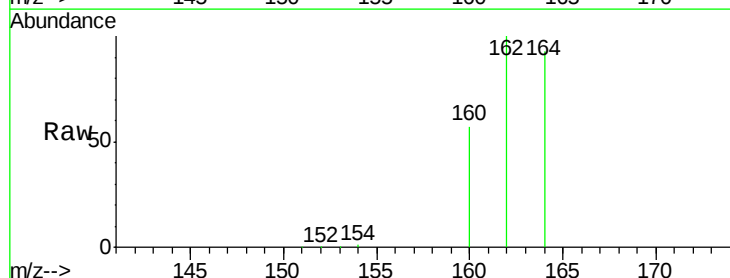
Tgt Ion: 164 Resp: 96643

Ion Ratio Lower Upper

164 100

162 107.8 86.8 130.2

160 61.9 53.9 80.9

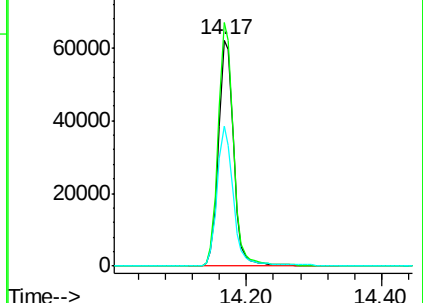
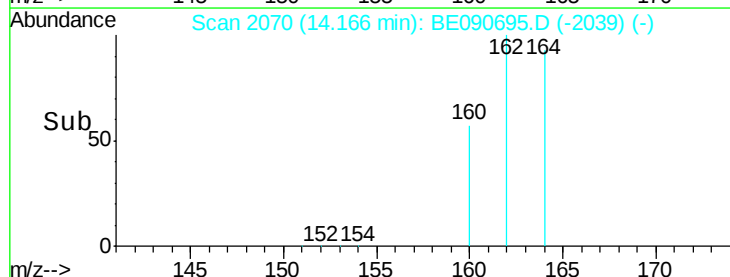


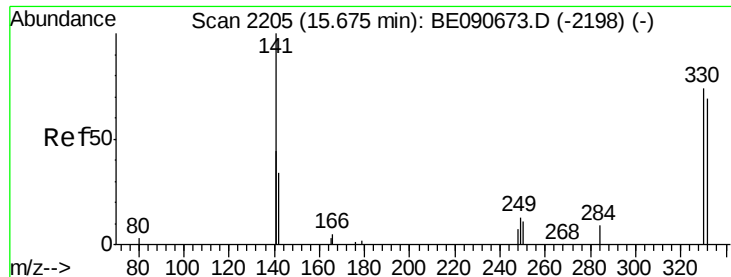
Abundance Ion 164.00 (163.70 to 164.70): BE090673.D (-2059) (-)

Ion 162.00 (161.70 to 162.70): BE090673.D (-2059) (-)

Ion 160.00 (159.70 to 160.70): BE090673.D (-2059) (-)

Time-->

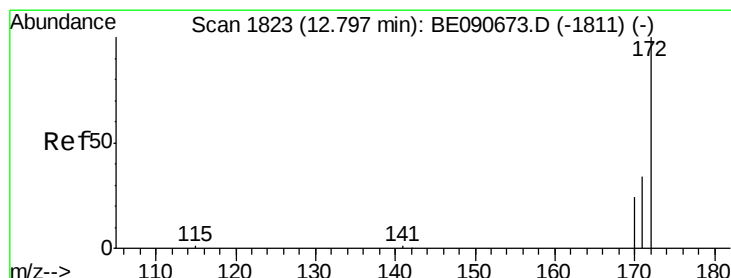
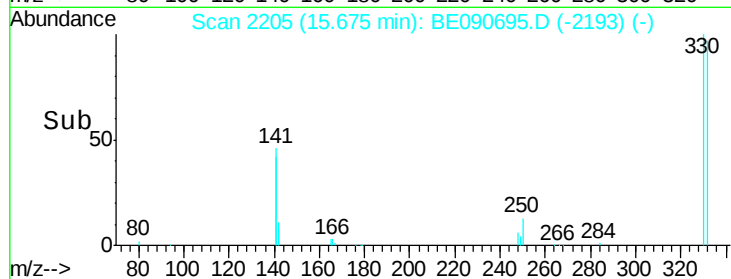
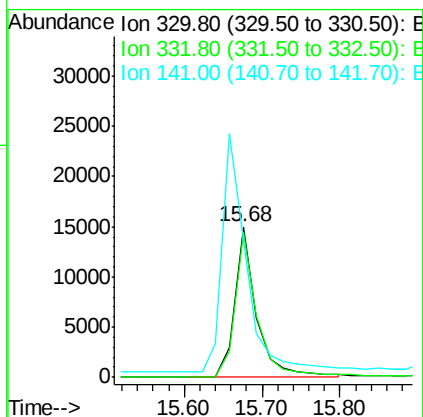
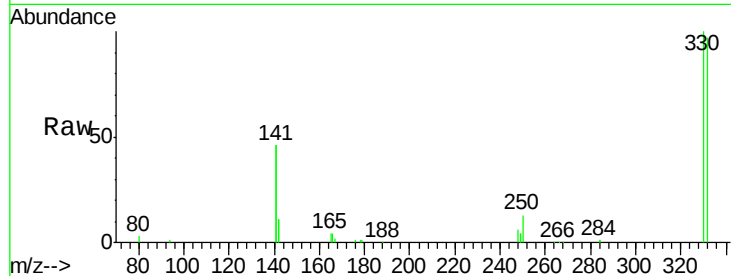




#13
 2,4,6-Tribromophenol
 Concen: 10.12 ng
 RT: 15.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

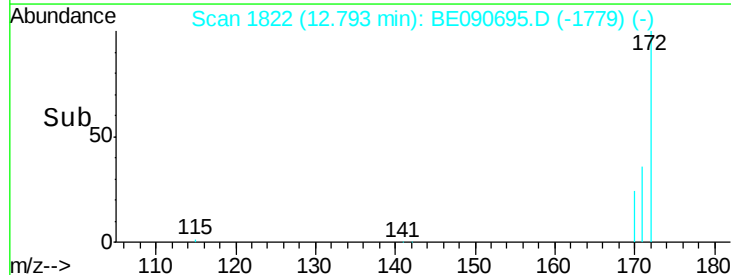
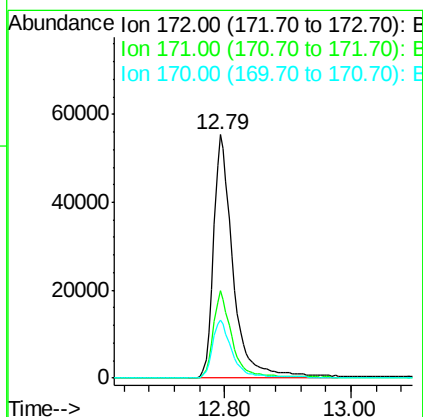
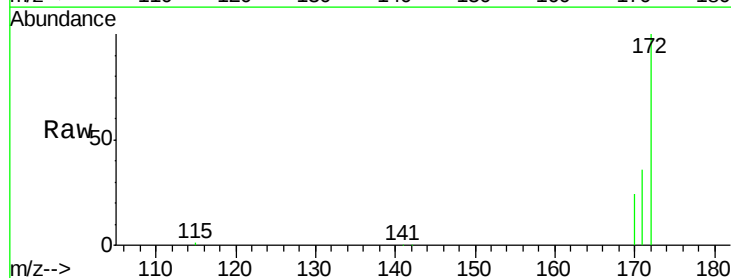
Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-D-M

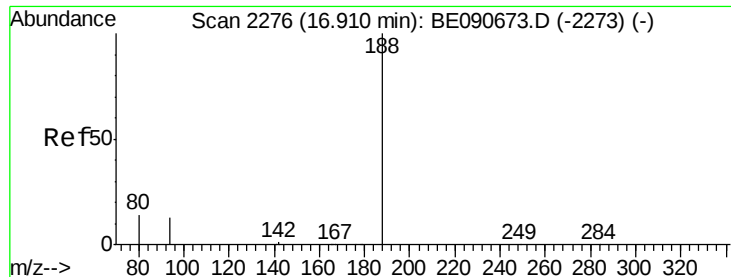
Tgt Ion:330 Resp: 28832
 Ion Ratio Lower Upper
 330 100
 332 97.7 74.9 112.3
 141 175.2 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 4.45 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

Tgt Ion:172 Resp: 118997
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.8 41.8
 170 24.0 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M

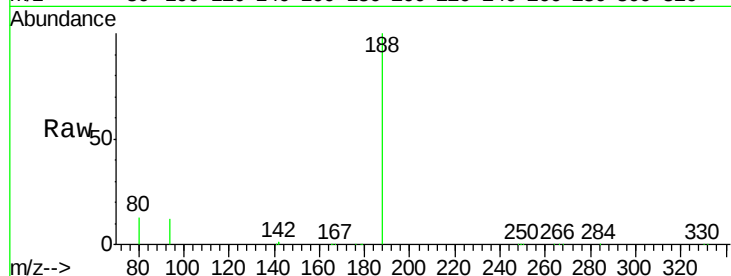
Tgt Ion:188 Resp: 238504

Ion Ratio Lower Upper

188 100

94 11.5 10.3 15.5

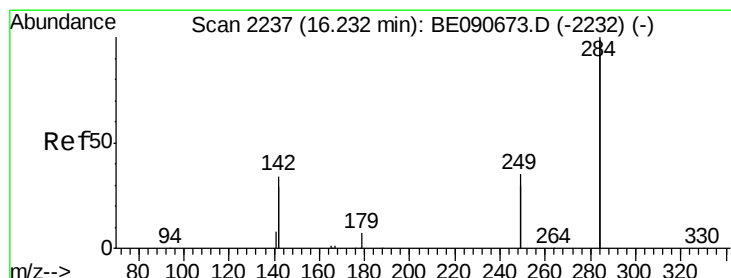
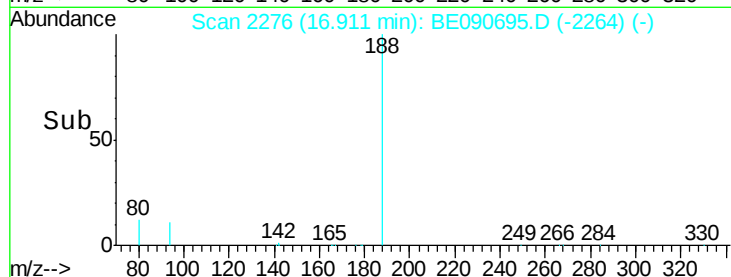
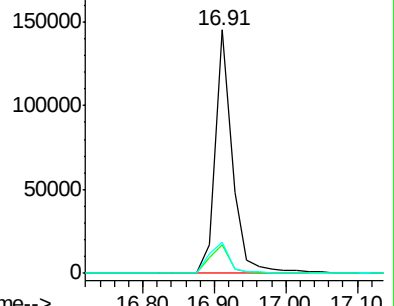
80 12.6 11.0 16.6



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



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

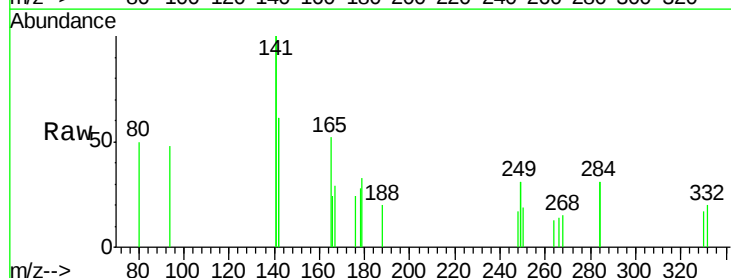
Tgt Ion:284 Resp: 86

Ion Ratio Lower Upper

284 100

142 272.1 35.0 52.4#

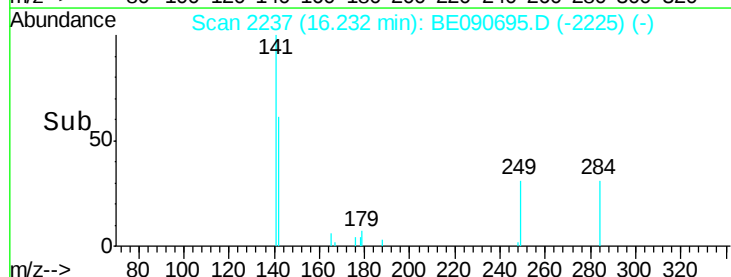
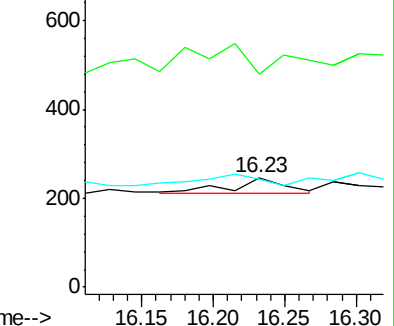
249 75.6 25.5 38.3#

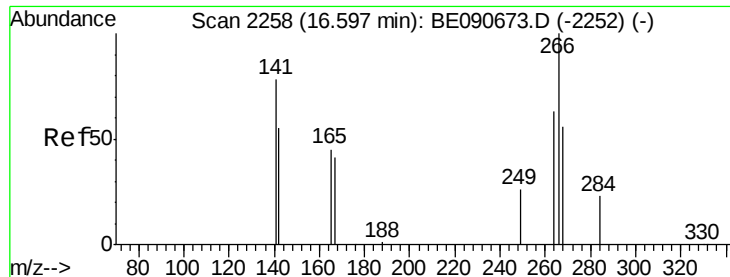


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

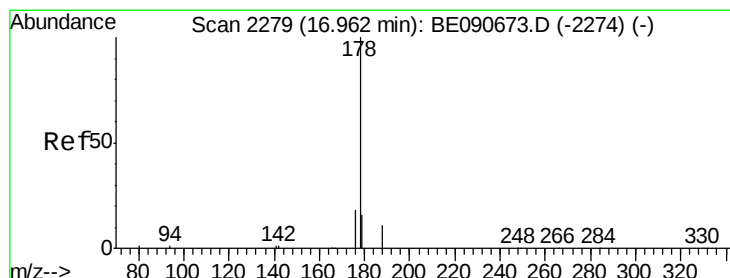
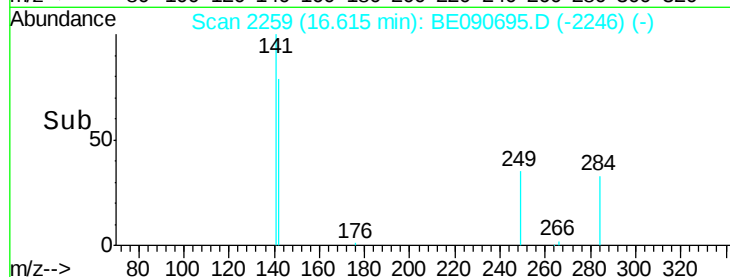
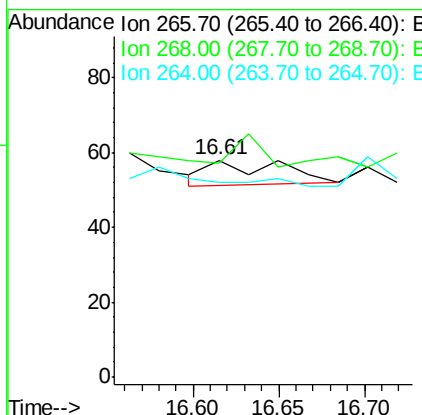
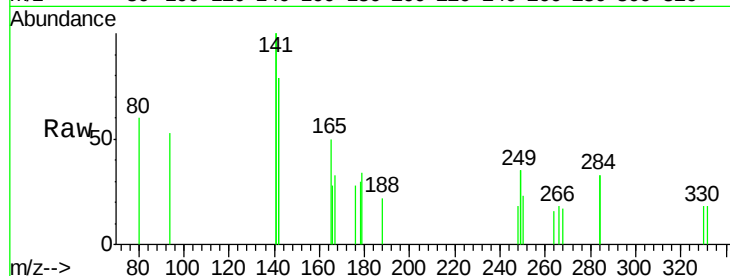




#21
 Pentachlorophenol
 Concen: 0.47 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.02 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

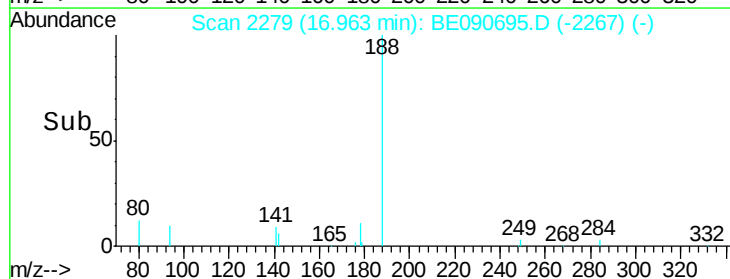
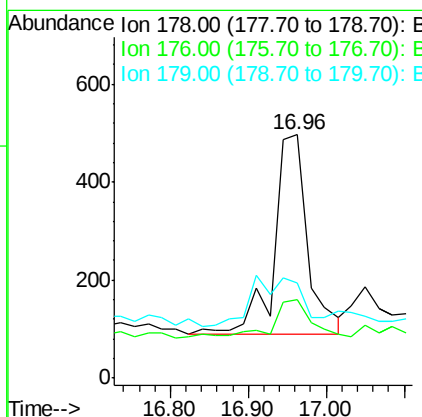
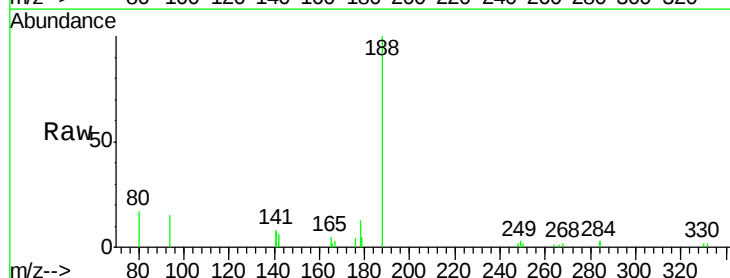
Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-D-M

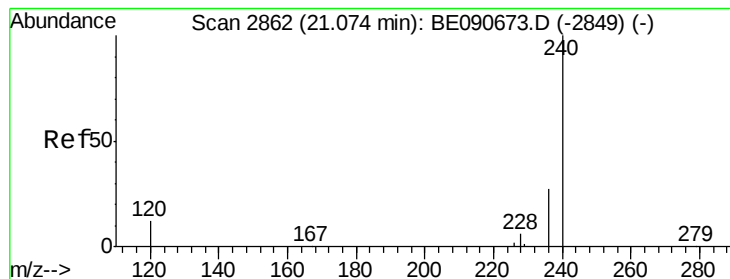
Tgt Ion: 266 Resp: 20
 Ion Ratio Lower Upper
 266 100
 268 98.3 49.6 74.4#
 264 89.7 53.9 80.9#



#22
 Phenanthrene
 Concen: 0.02 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

Tgt Ion: 178 Resp: 1222
 Ion Ratio Lower Upper
 178 100
 176 23.9 15.6 23.4#
 179 0.0 12.8 19.2#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M

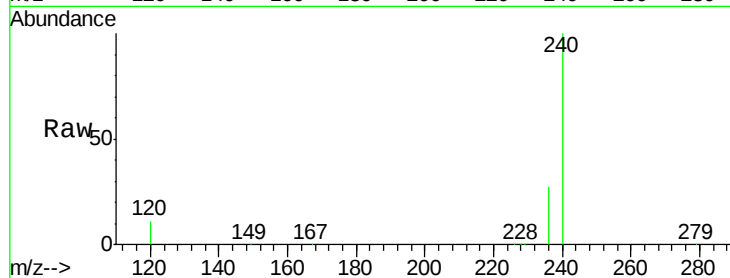
Tgt Ion:240 Resp: 307319

Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

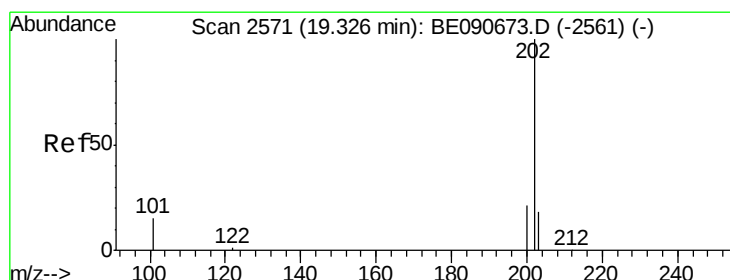
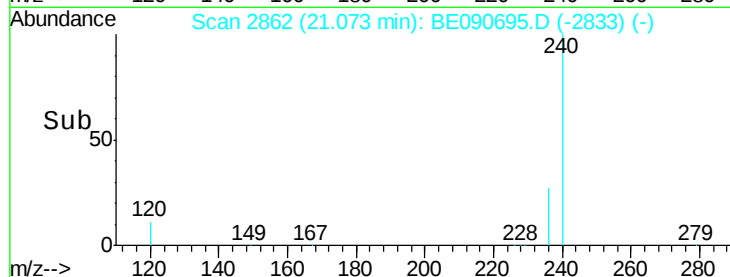
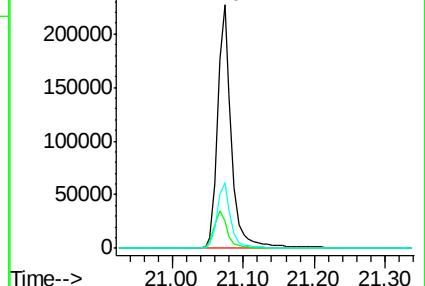
236 26.7 21.9 32.9



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



#26

Pyrene

Concen: 0.02 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BE090695.D

Acq: 2 Sep 2015 8:39

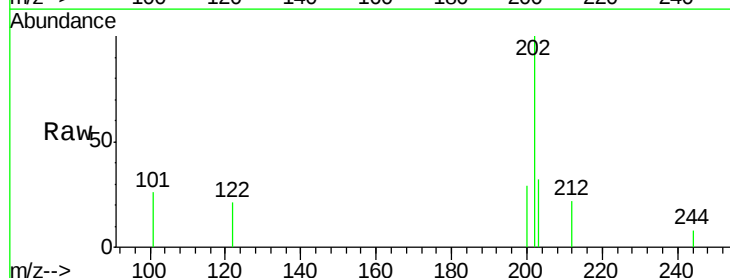
Tgt Ion:202 Resp: 1348

Ion Ratio Lower Upper

202 100

200 23.2 16.7 25.1

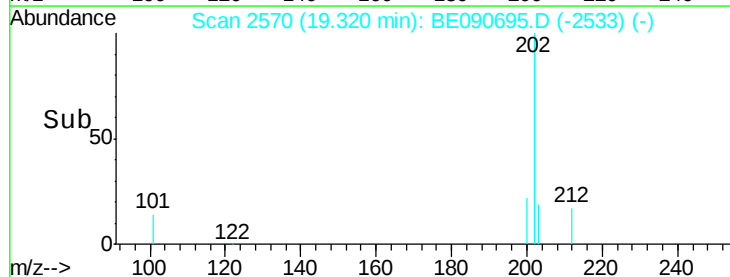
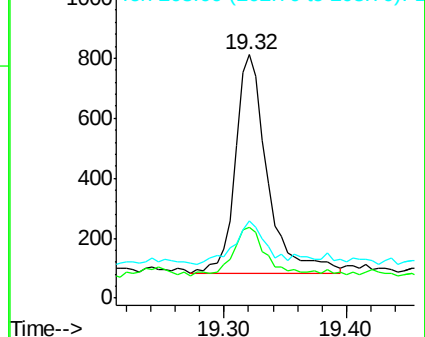
203 19.2 13.8 20.6

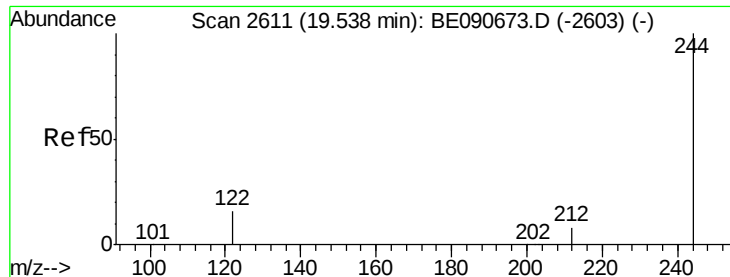


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

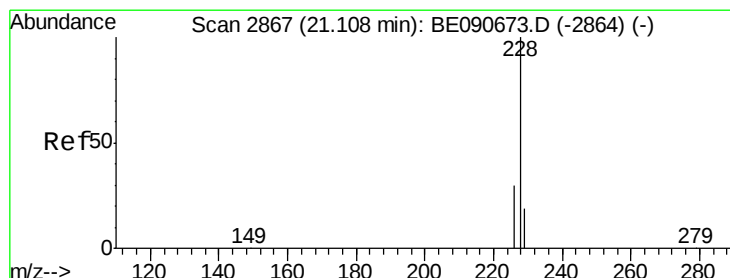
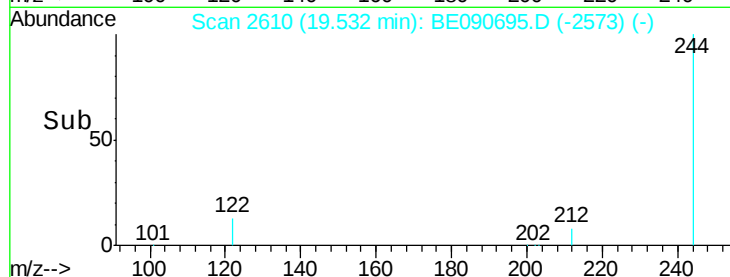
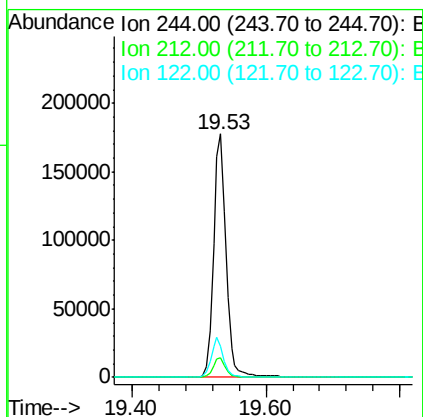
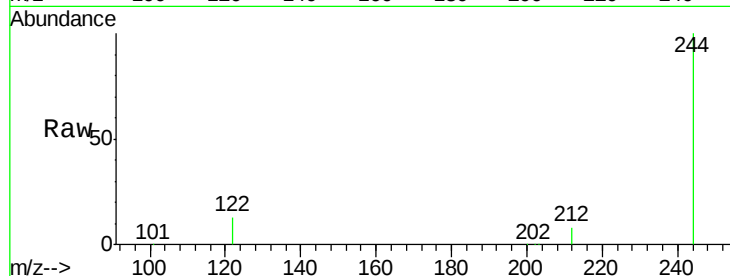




#27
 Terphenyl-d14
 Concen: 6.72 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

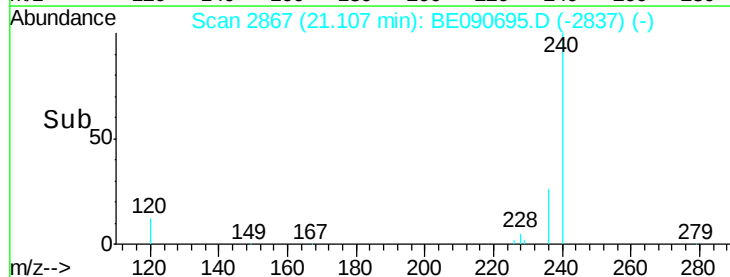
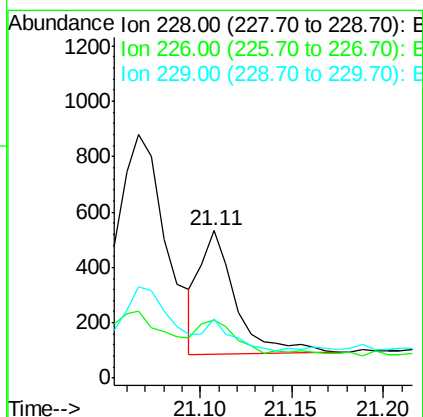
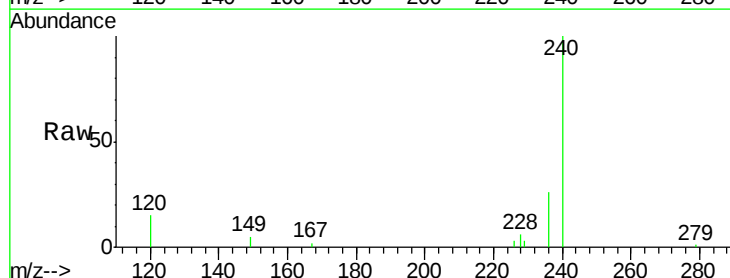
Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-D-M

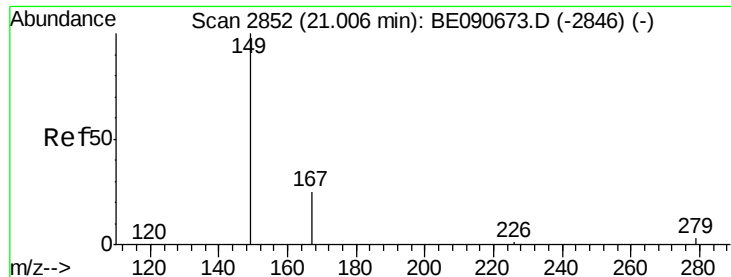
Tgt Ion: 244 Resp: 228664
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 12.6 12.9 19.3#



#29
 Chrysene
 Concen: Below Cal
 RT: 21.11 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

Tgt Ion: 228 Resp: 603
 Ion Ratio Lower Upper
 228 100
 226 39.4 24.2 36.4#
 229 40.3 15.3 22.9#

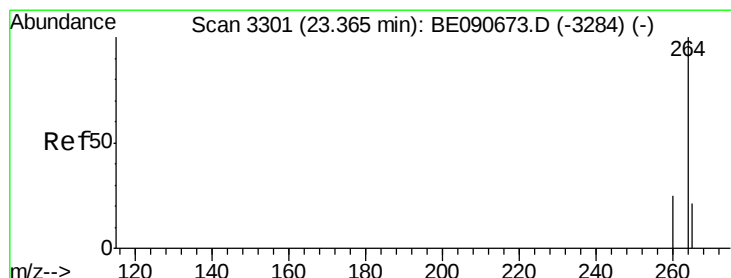
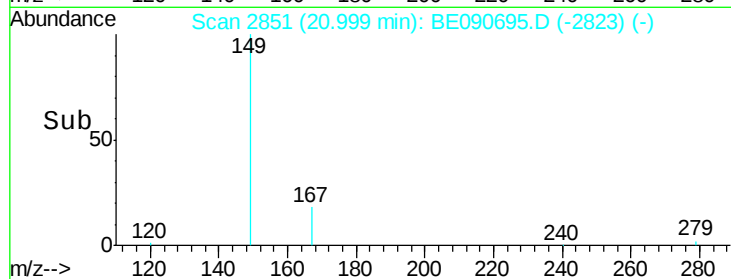
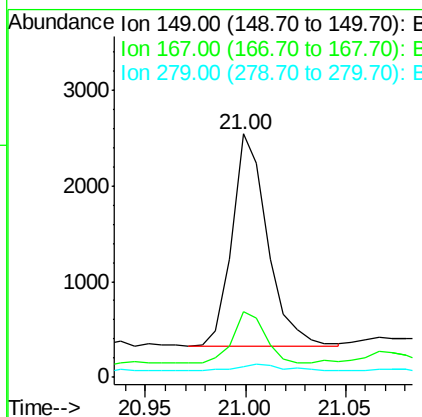
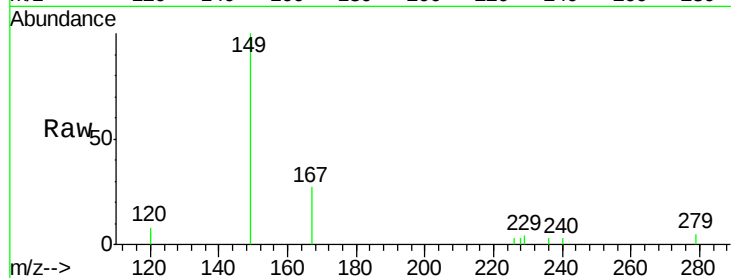




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.00 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

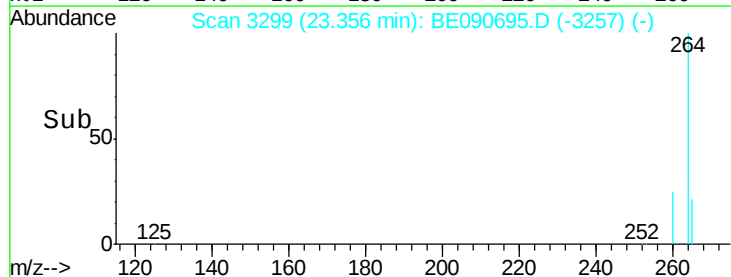
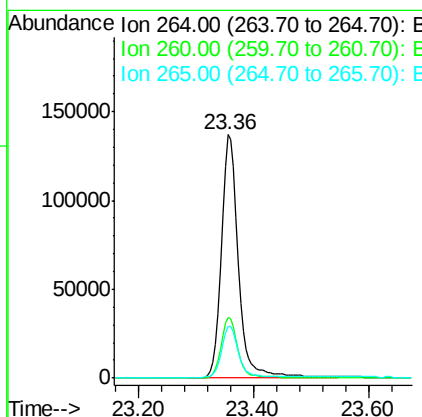
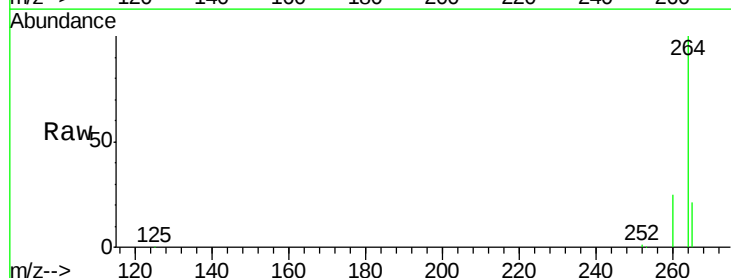
Instrument :
 BNA_E
 ClientSampleId :
 083115-D506-F-D-M

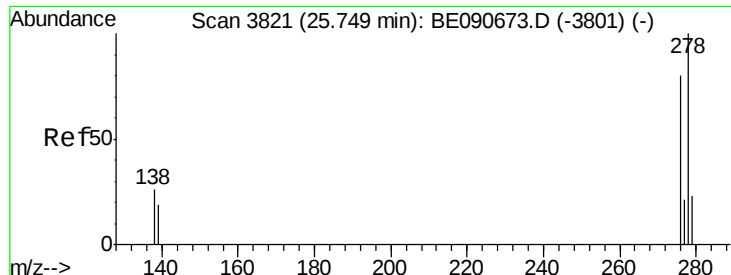
Tgt Ion:149 Resp: 2756
 Ion Ratio Lower Upper
 149 100
 167 22.1 20.1 30.1
 279 4.3 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090695.D
 Acq: 2 Sep 2015 8:39

Tgt Ion:264 Resp: 288232
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.4 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090695.D

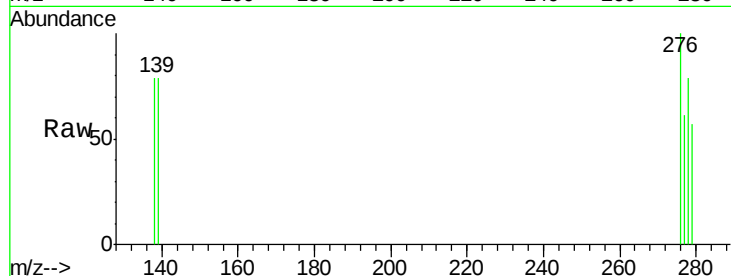
Acq: 2 Sep 2015 8:39

Instrument :

BNA_E

ClientSampleId :

083115-D506-F-D-M



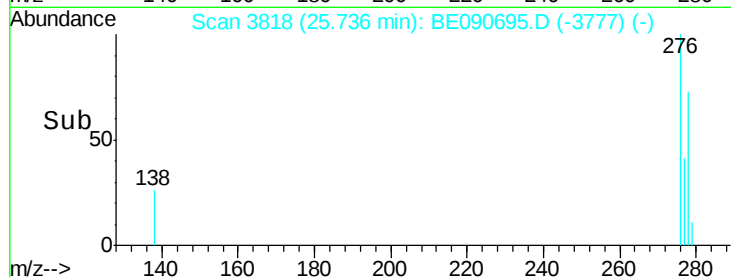
Tgt Ion: 278 Resp: 290

Ion Ratio Lower Upper

278 100

139 100.7 15.4 23.0#

279 72.5 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

