

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
 Data File : BE090780.D
 Acq On : 11 Sep 2015 2:34
 Operator : UM/IZ
 Sample : G3599-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-U-S

Quant Time: Sep 11 03:57:17 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

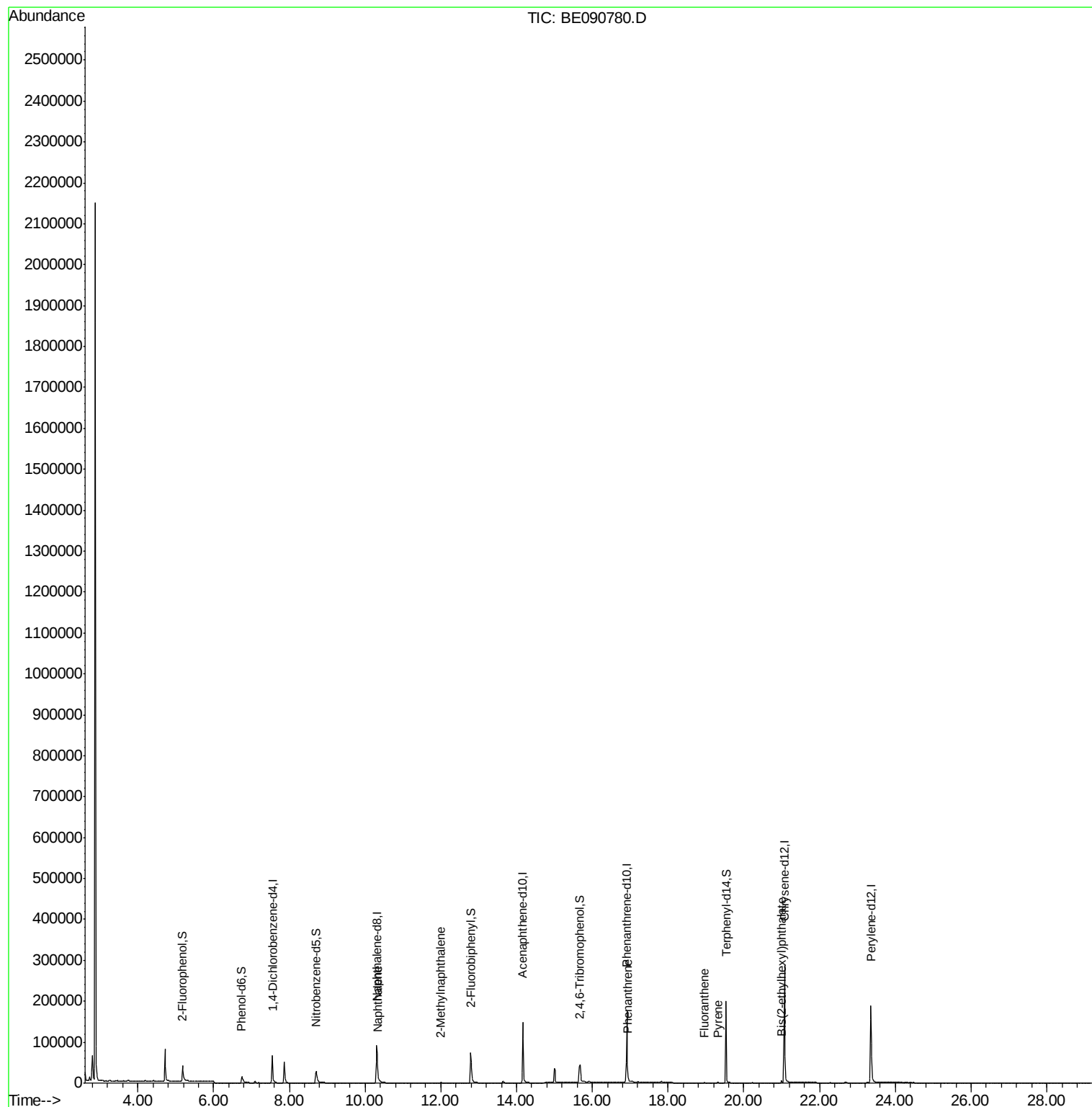
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39422	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	172824	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	88265	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	228664	5.00	ng	0.00
25) Chrysene-d12	21.07	240	294346	5.00	ng	0.00
32) Perylene-d12	23.36	264	267743	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	38812	5.06	ng	0.00
5) Phenol-d6	6.75	99	35125	3.20	ng	0.00
7) Nitrobenzene-d5	8.71	82	50724	4.44	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	25951	9.98	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	107921	4.42	ng	0.00
27) Terphenyl-d14	19.53	244	198023	6.08	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.36	128	872	0.02	ng	# 66
11) 2-Methylnaphthalene	12.00	142	1669	0.08	ng	# 93
22) Phenanthrene	16.94	178	2145	0.04	ng	# 79
24) Fluoranthene	18.96	202	1484	0.02	ng	# 96
26) Pyrene	19.32	202	1439	0.02	ng	# 93
30) Bis(2-ethylhexyl)phthalate	21.00	149	4622	0.33	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090780.D

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090415-D534-F-U-S

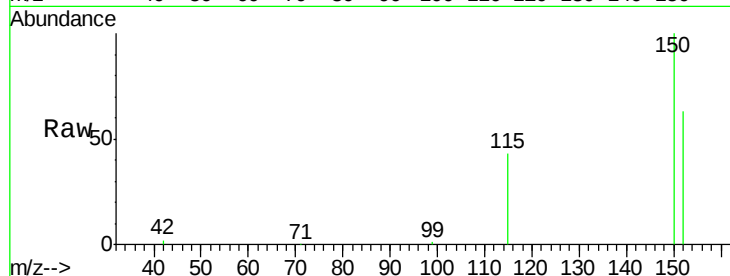
Tgt Ion:152 Resp: 39422

Ion Ratio Lower Upper

152 100

150 157.6 122.2 183.4

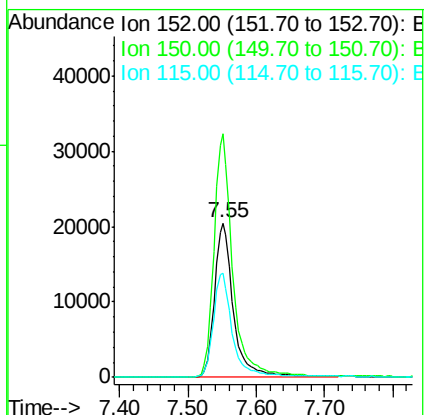
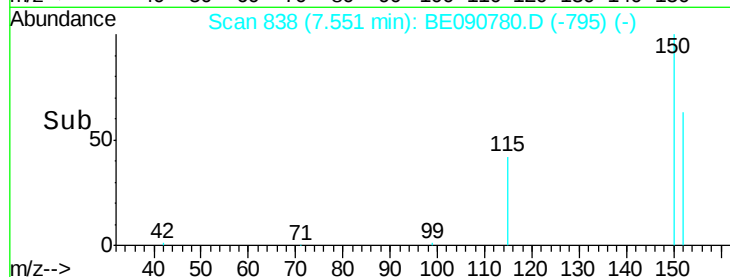
115 67.0 51.0 76.4



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



#4

2-Fluorophenol

Concen: 5.06 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

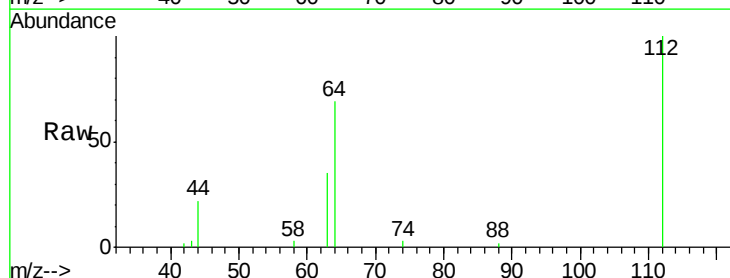
Tgt Ion:112 Resp: 38812

Ion Ratio Lower Upper

112 100

64 71.8 57.3 85.9

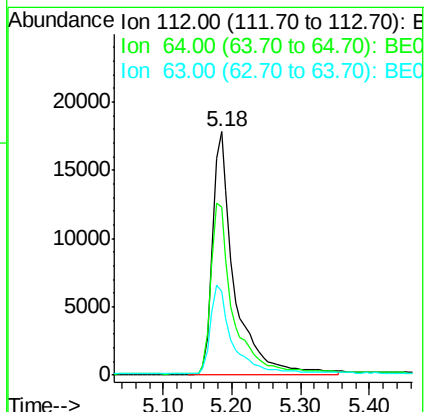
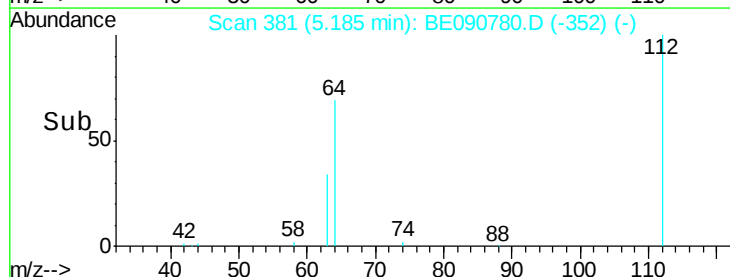
63 37.3 29.2 43.8

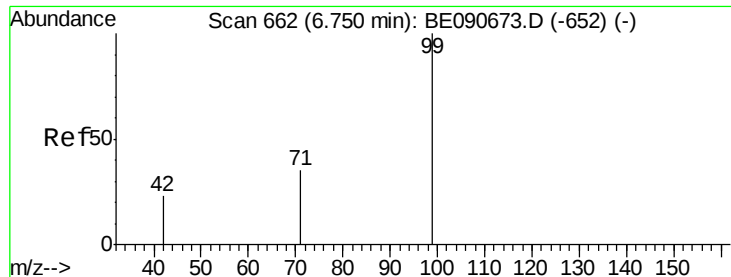


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.20 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-U-S

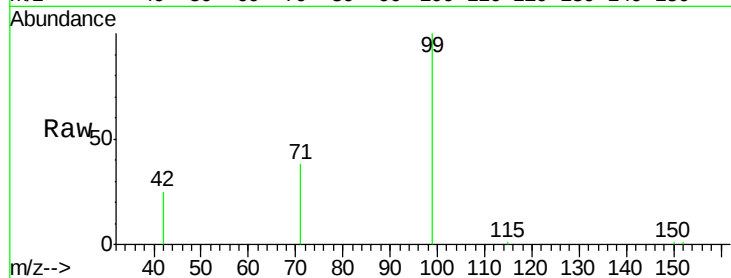
Tgt Ion: 99 Resp: 35125

Ion Ratio Lower Upper

99 100

42 22.2 16.8 25.2

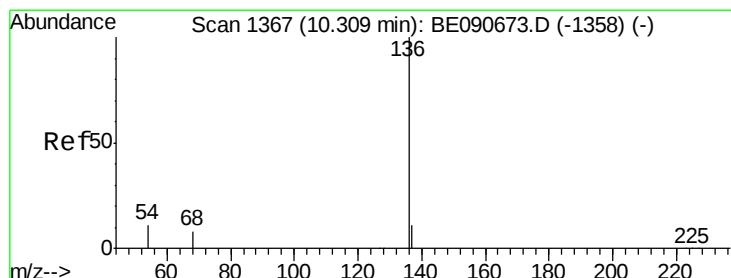
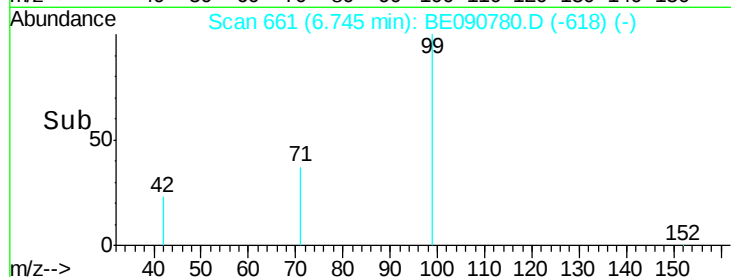
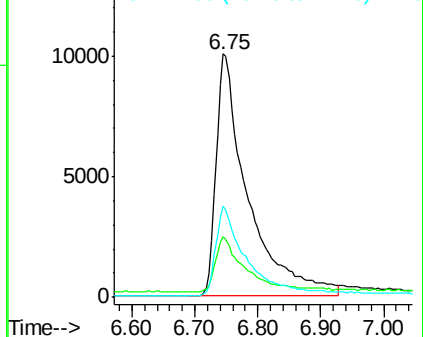
71 36.2 28.3 42.5



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: BE090780.D

Acq: 11 Sep 2015 2:34

Tgt Ion: 136 Resp: 172824

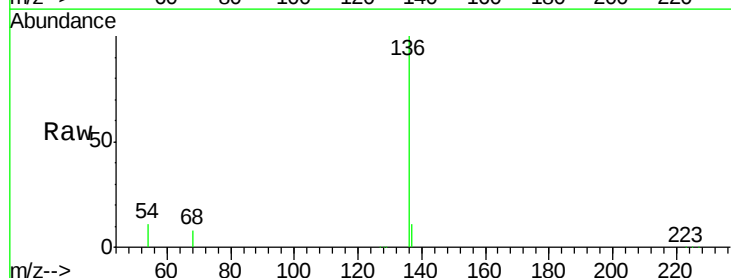
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.9 9.0 13.6

68 8.2 6.3 9.5

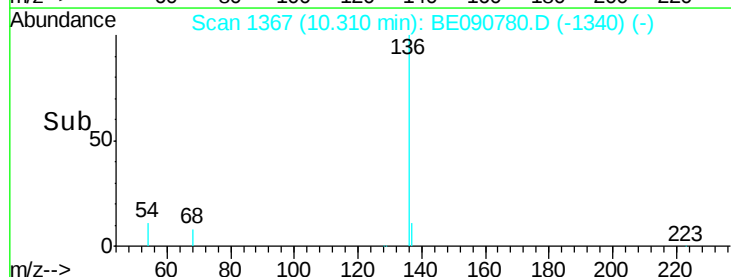
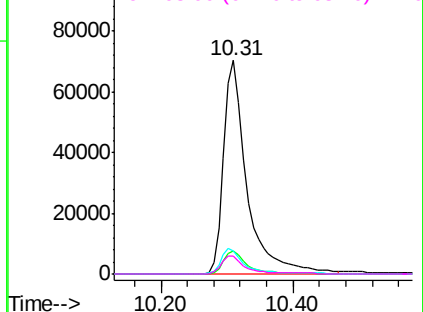


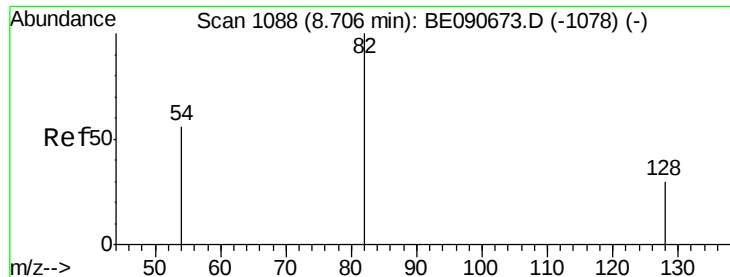
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.44 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-U-S

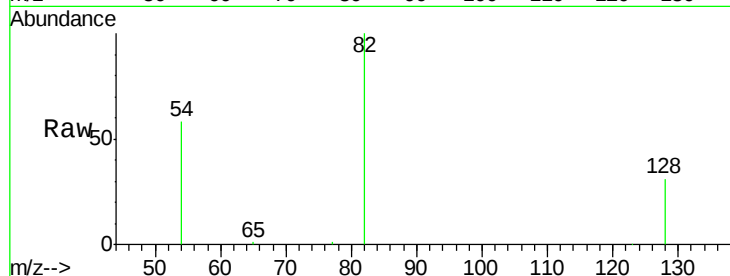
Tgt Ion: 82 Resp: 50724

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

54 57.7 46.3 69.5

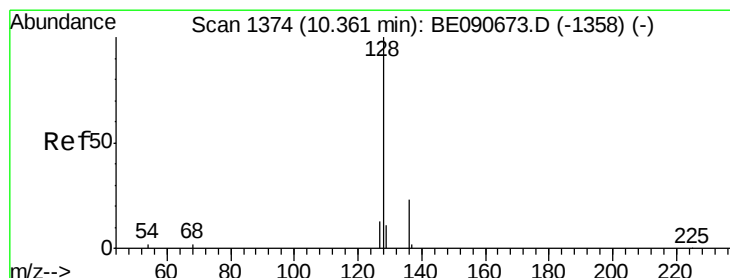
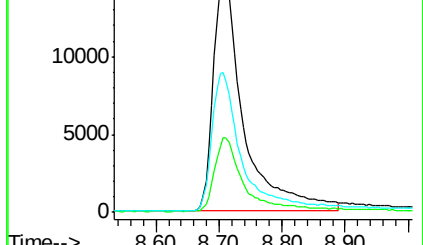
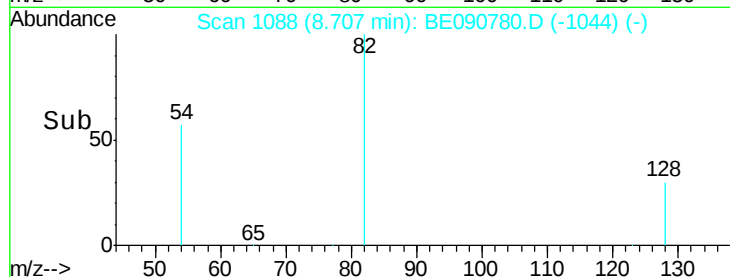


Abundance Ion 82.00 (81.70 to 82.70): BE090780.D (-1044) (-)

Ion 128.00 (127.70 to 128.70): BE090780.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090780.D (-1044) (-)

Time-->



#9

Naphthalene

Concen: 0.02 ng

RT: 10.36 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

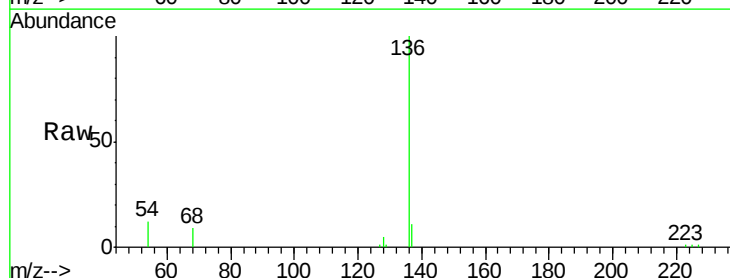
Tgt Ion: 128 Resp: 872

Ion Ratio Lower Upper

128 100

129 26.6 9.0 13.6#

127 24.9 10.6 15.8#

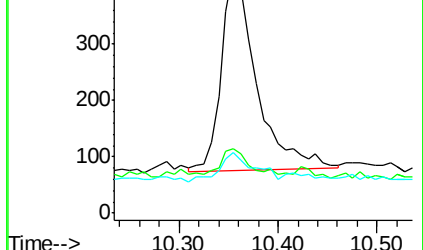
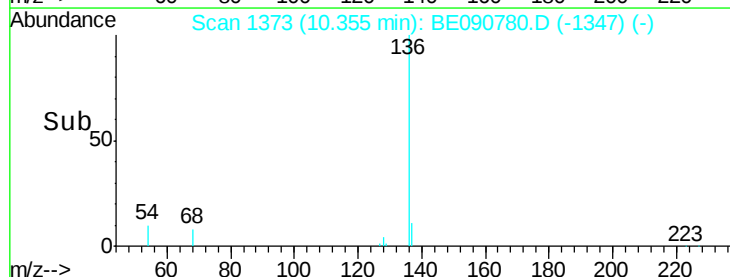


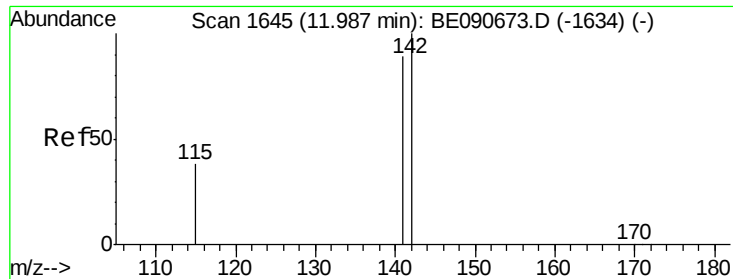
Abundance Ion 128.00 (127.70 to 128.70): BE090780.D (-1347) (-)

Ion 129.00 (128.70 to 129.70): BE090780.D (-1347) (-)

Ion 127.00 (126.70 to 127.70): BE090780.D (-1347) (-)

Time-->

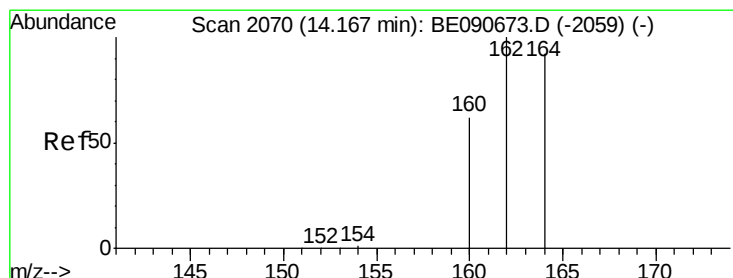
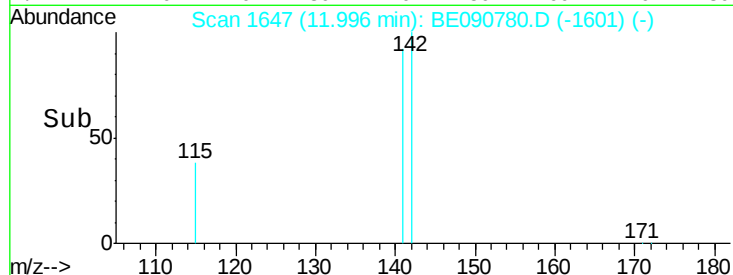
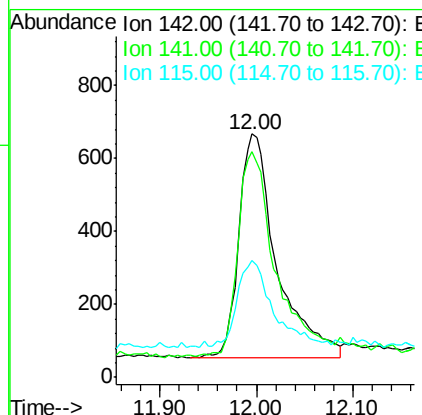
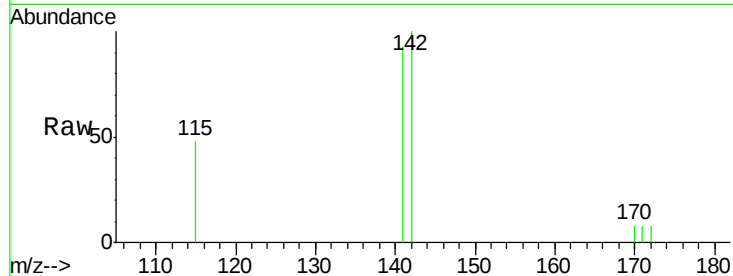




#11
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.00 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BE090780.D
Acq: 11 Sep 2015 2:34

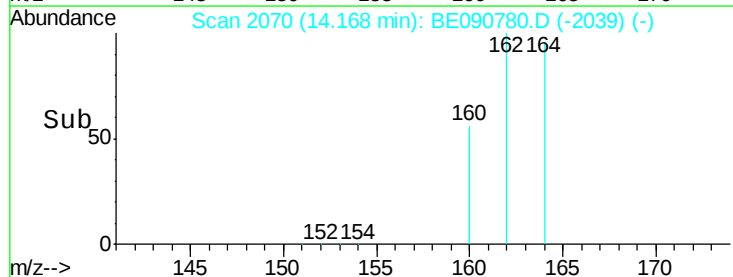
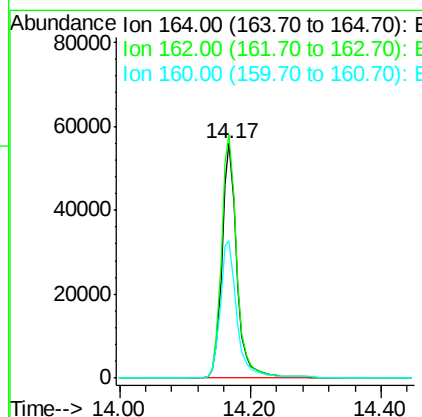
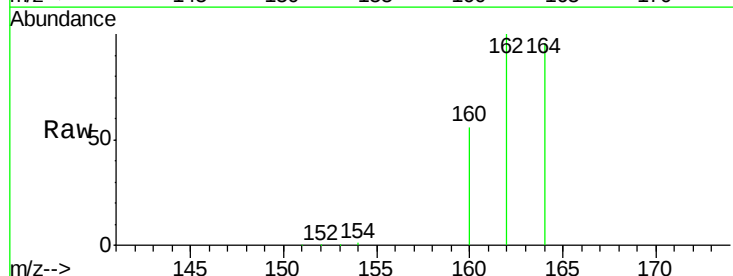
Instrument :
BNA_E
ClientSampleId :
090415-D534-F-U-S

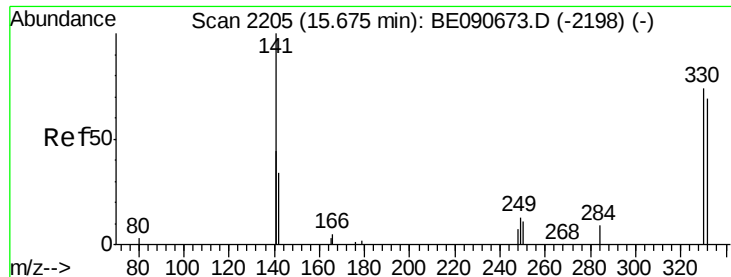
Tgt Ion:142 Resp: 1669
Ion Ratio Lower Upper
142 100
141 92.7 71.4 107.2
115 48.1 31.0 46.4#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090780.D
Acq: 11 Sep 2015 2:34

Tgt Ion:164 Resp: 88265
Ion Ratio Lower Upper
164 100
162 103.8 86.8 130.2
160 58.5 53.9 80.9

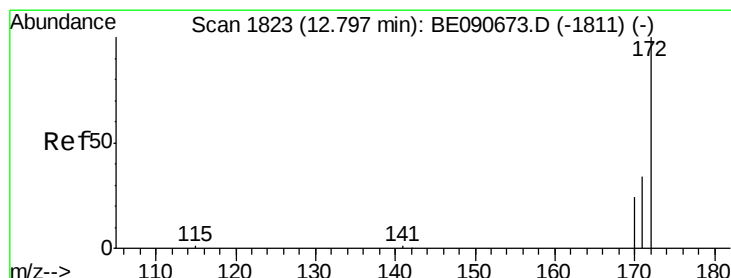
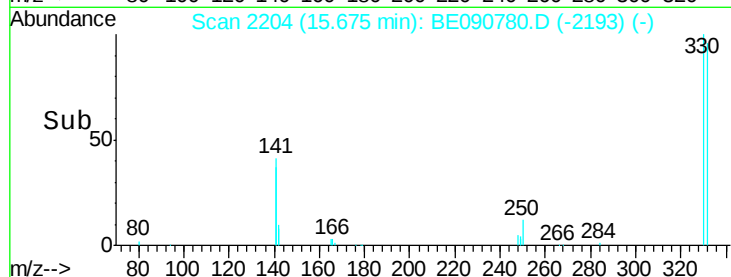
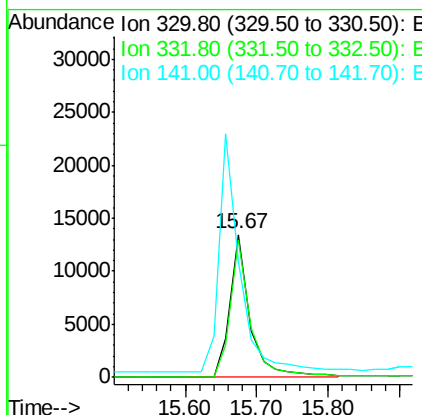
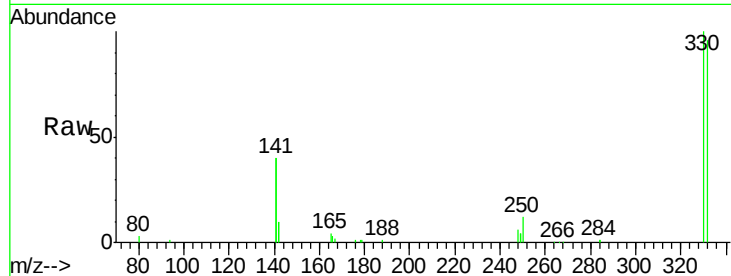




#13
 2,4,6-Tribromophenol
 Concen: 9.98 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090780.D
 Acq: 11 Sep 2015 2:34

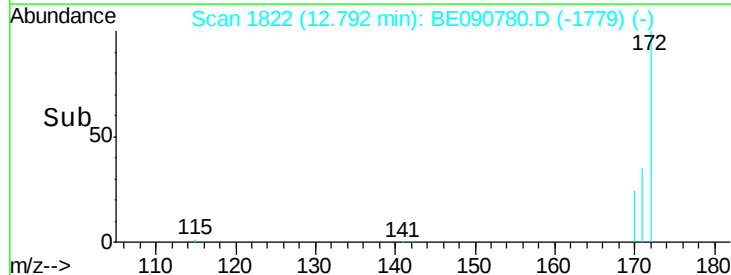
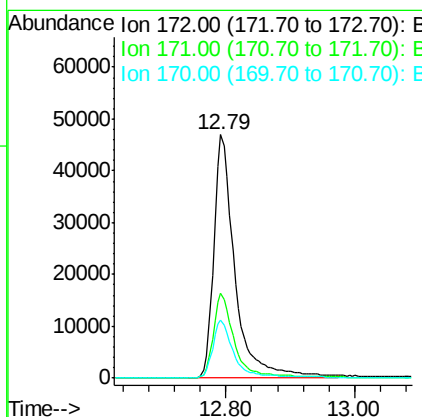
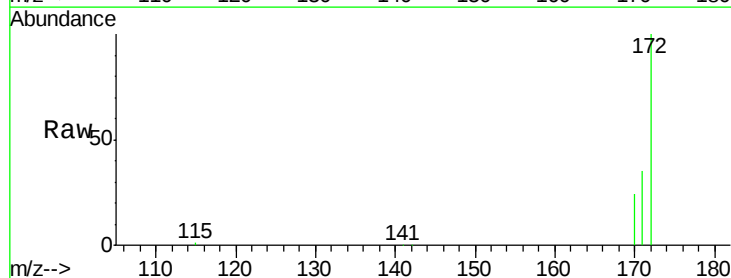
Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-U-S

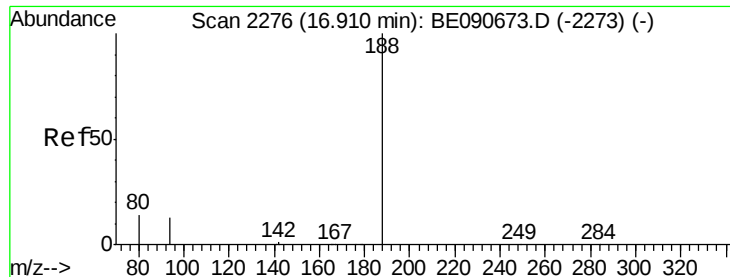
Tgt Ion:330 Resp: 25951
 Ion Ratio Lower Upper
 330 100
 332 96.2 74.9 112.3
 141 177.2 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 4.42 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BE090780.D
 Acq: 11 Sep 2015 2:34

Tgt Ion:172 Resp: 107921
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.8
 170 23.9 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-U-S

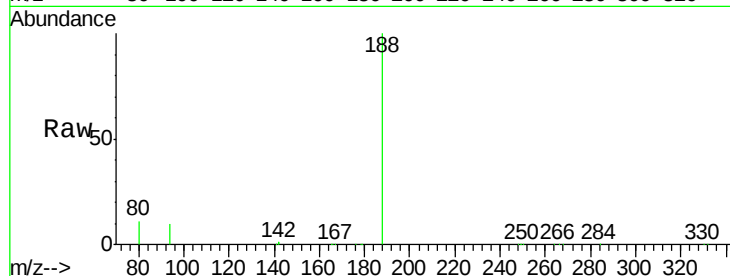
Tgt Ion:188 Resp: 228664

Ion Ratio Lower Upper

188 100

94 9.9 10.3 15.5#

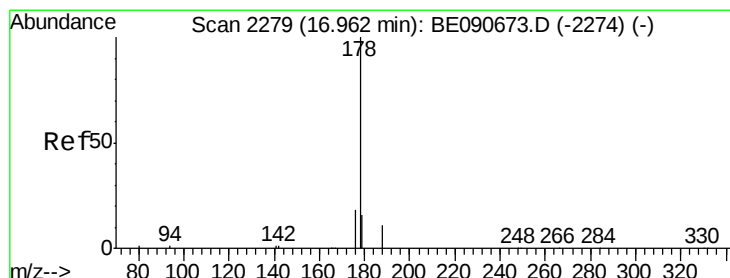
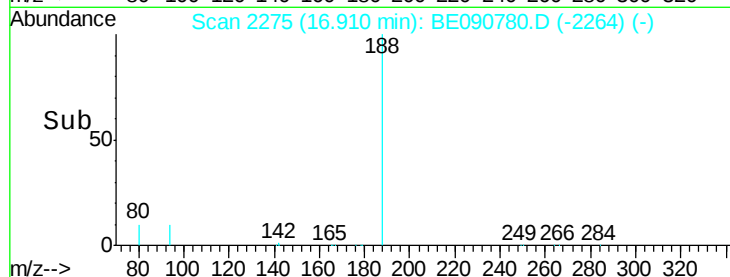
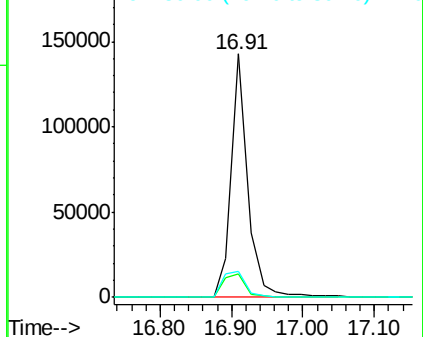
80 10.6 11.0 16.6#



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



#22

Phenanthrene

Concen: 0.04 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

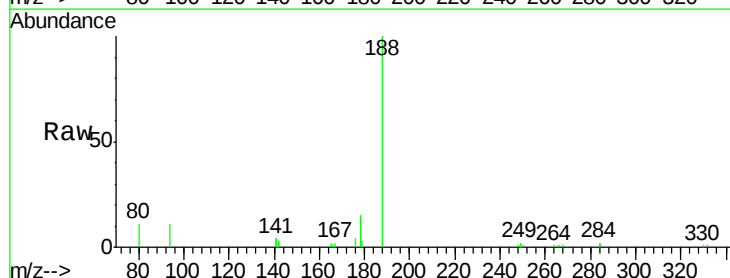
Tgt Ion:178 Resp: 2145

Ion Ratio Lower Upper

178 100

176 29.6 15.6 23.4#

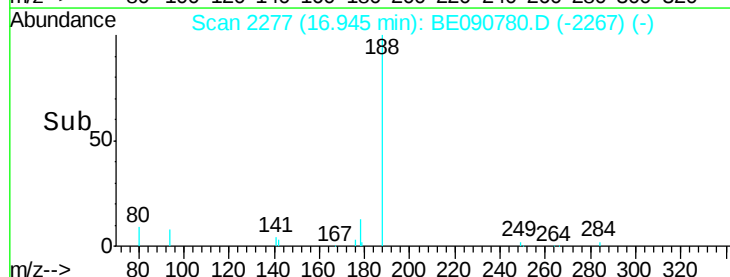
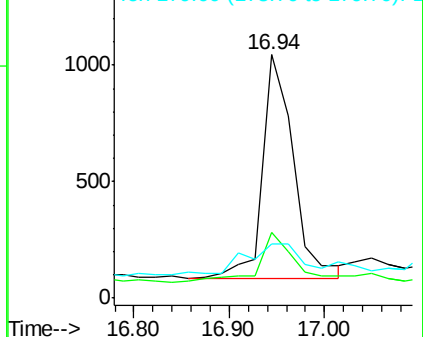
179 24.7 12.8 19.2#

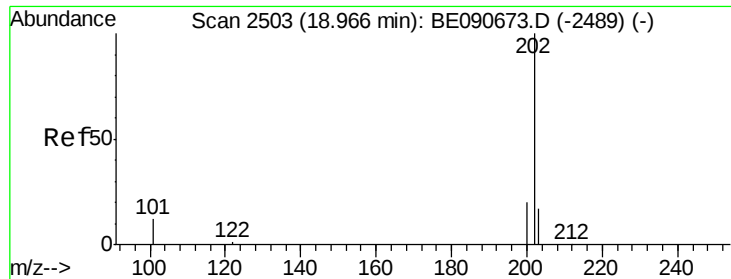


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.02 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-U-S

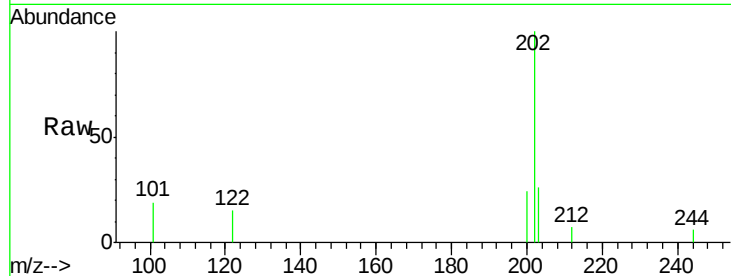
Tgt Ion:202 Resp: 1484

Ion Ratio Lower Upper

202 100

101 16.9 11.0 16.6#

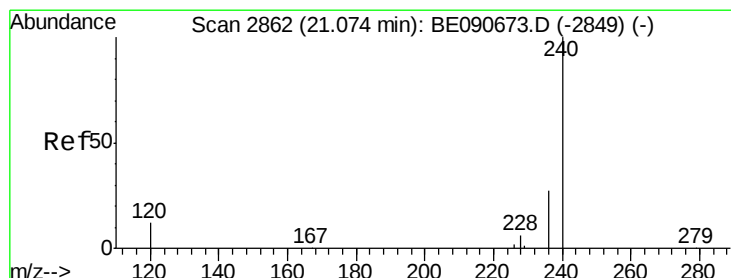
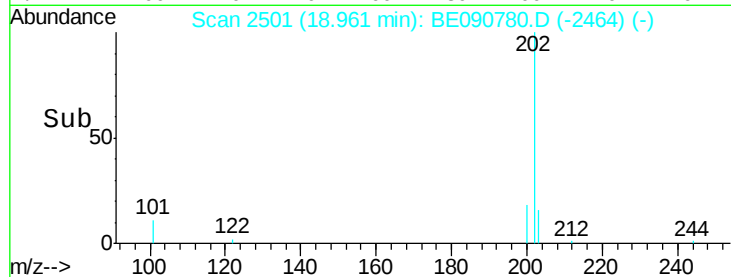
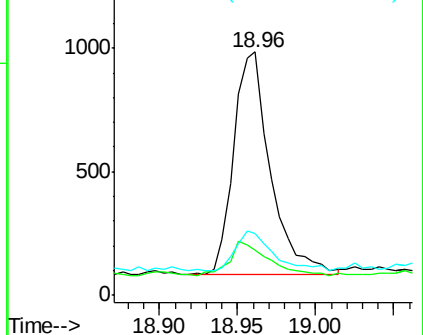
203 17.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

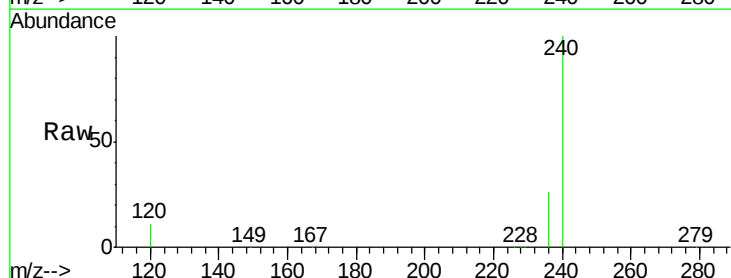
Tgt Ion:240 Resp: 294346

Ion Ratio Lower Upper

240 100

120 10.7 10.1 15.1

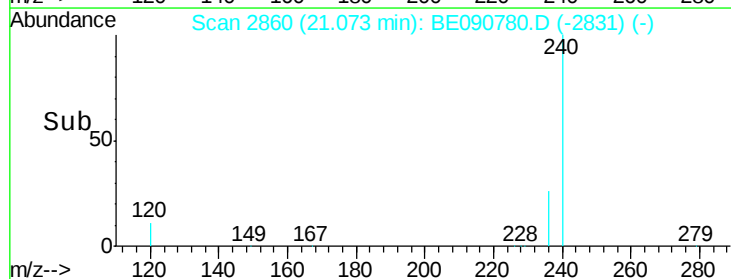
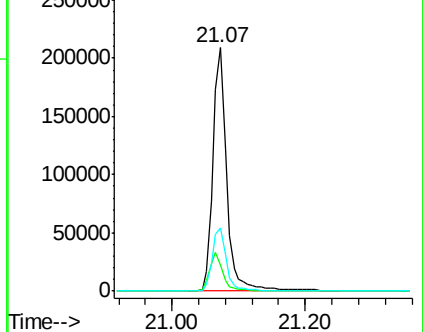
236 26.0 21.9 32.9

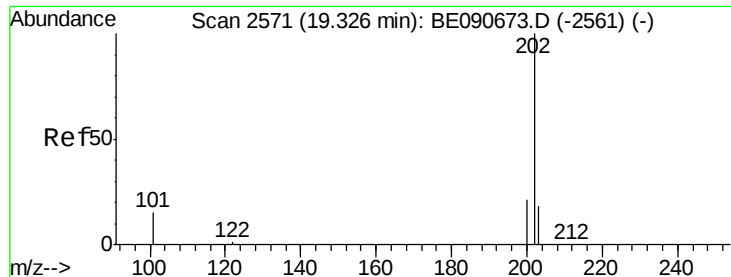


Abundance Ion 240.00 (239.70 to 240.70): E

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# 2568

Delta R.T. -0.01 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-U-S

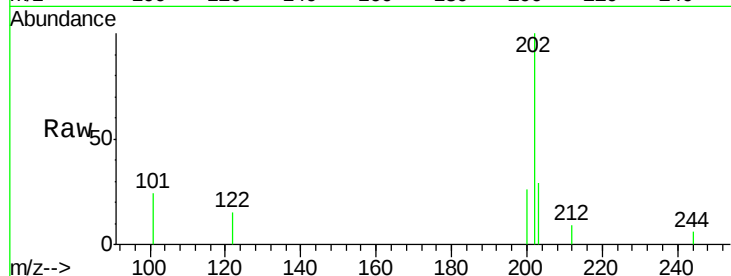
Tgt Ion:202 Resp: 1439

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

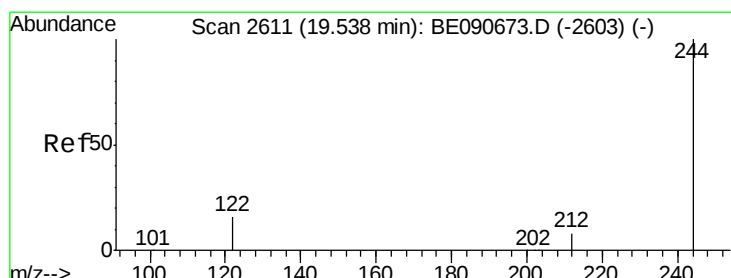
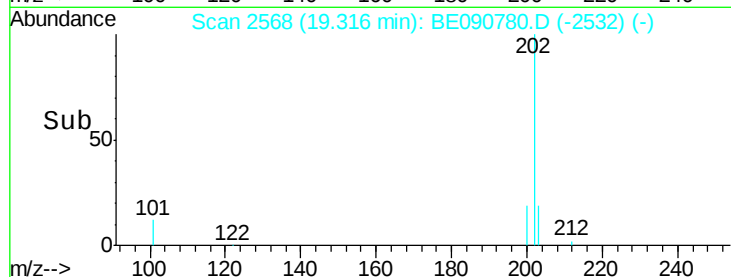
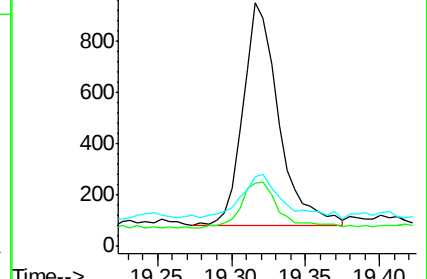
203 22.7 13.8 20.6#



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: 6.08 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

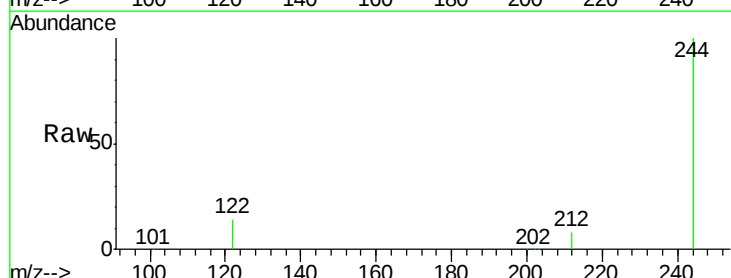
Tgt Ion:244 Resp: 198023

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

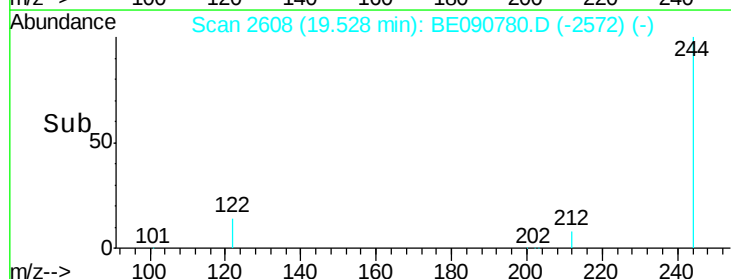
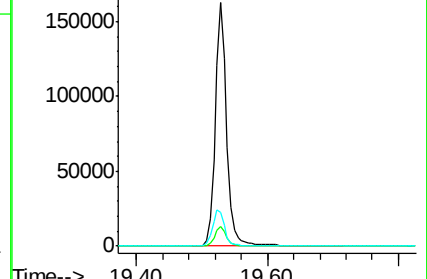
122 13.9 12.9 19.3

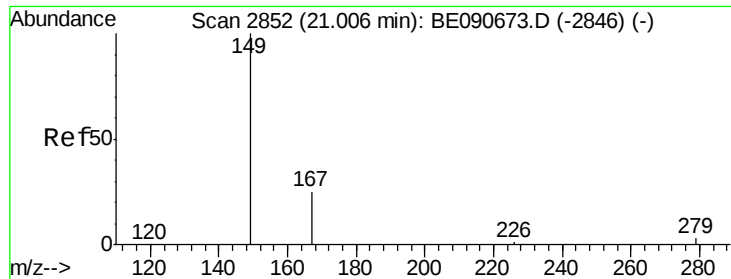


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-U-S

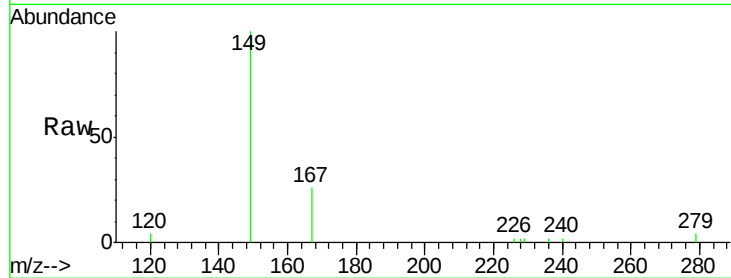
Tgt Ion:149 Resp: 4622

Ion Ratio Lower Upper

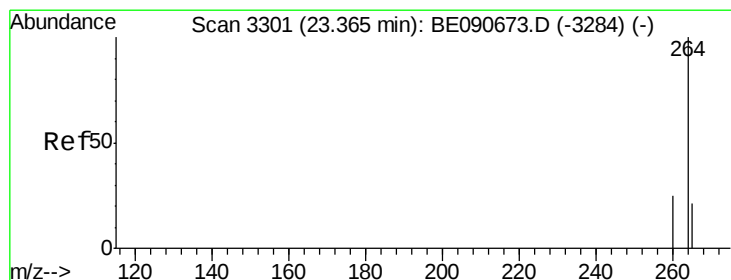
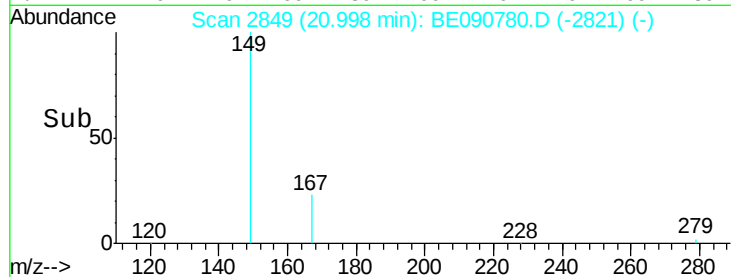
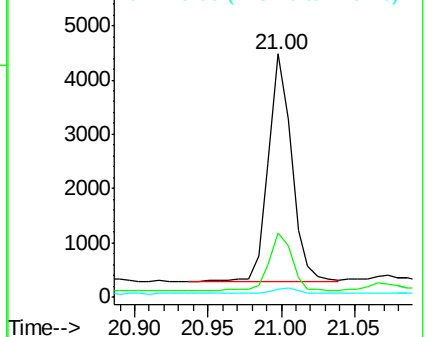
149 100

167 25.5 20.1 30.1

279 2.7 2.3 3.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090780.D

Acq: 11 Sep 2015 2:34

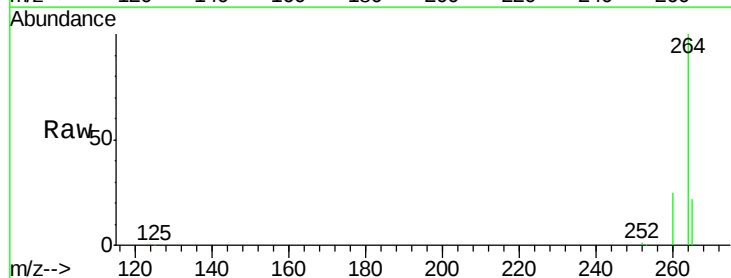
Tgt Ion:264 Resp: 267743

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.9 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

