

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090776.D
 Acq On : 11 Sep 2015 00:11
 Operator : UM/IZ
 Sample : G3599-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-M

Quant Time: Sep 11 03:37:33 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	40378	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	179234	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	94843	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	236245	5.00	ng	0.00
25) Chrysene-d12	21.07	240	300073	5.00	ng	0.00
32) Perylene-d12	23.36	264	278565	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	33825	4.31	ng	0.00
5) Phenol-d6	6.75	99	30983	2.76	ng	0.00
7) Nitrobenzene-d5	8.70	82	48072	4.06	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	24756	8.87	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	102452	3.90	ng	0.00
27) Terphenyl-d14	19.53	244	189084	5.70	ng	-0.01

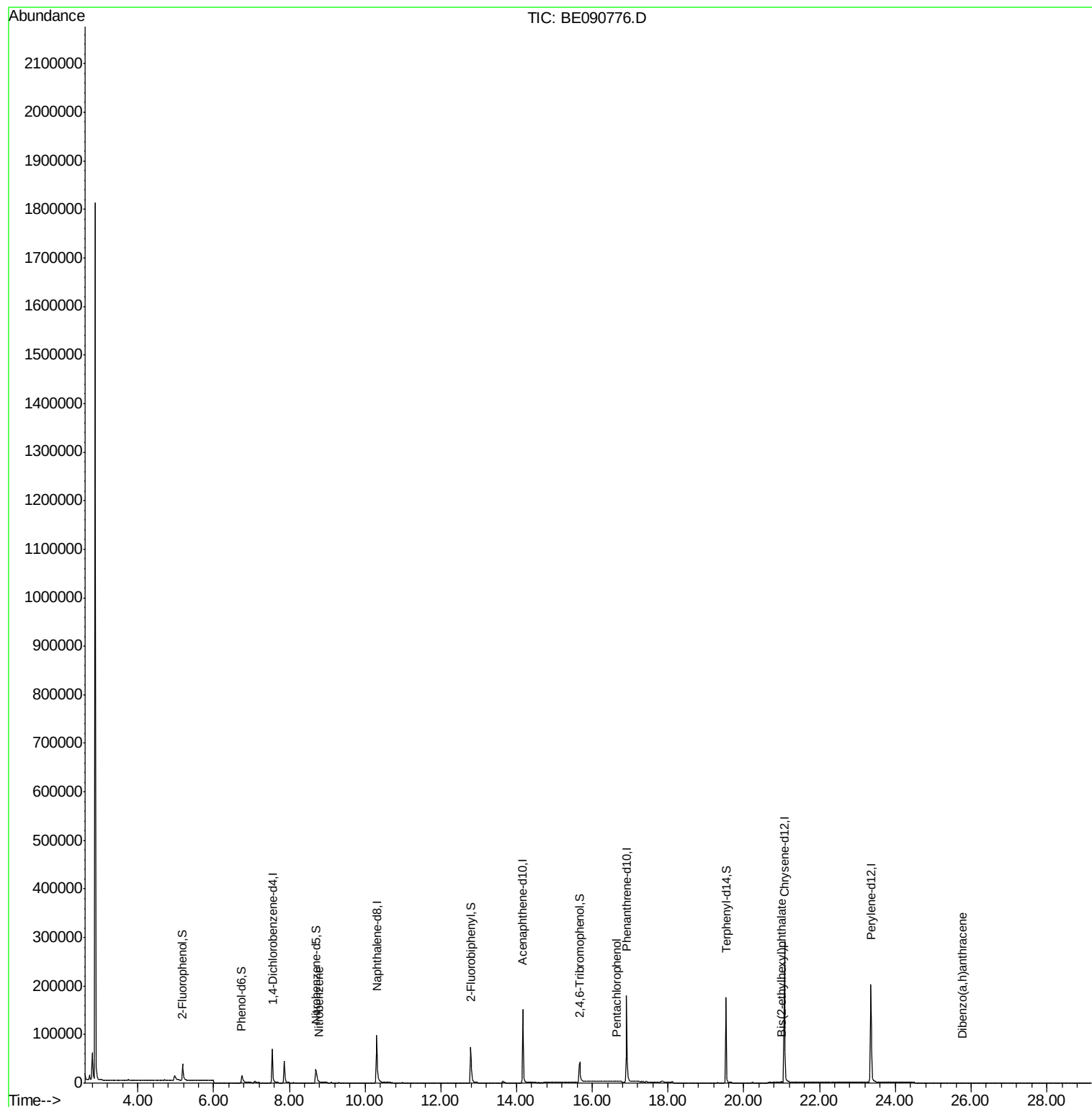
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	37	Below Cal	#	16
3) n-Nitrosodimethylamine	3.44	42	58	Below Cal	#	1
8) Nitrobenzene	8.79	77	16	0.11 ng	#	74
20) Hexachlorobenzene	16.23	284	125	Below Cal	#	1
21) Pentachlorophenol	16.65	266	17	0.46 ng	#	59
29) Chrysene	21.10	228	327	Below Cal	#	59
30) Bis(2-ethylhexyl)phthalate	21.00	149	2536	0.21 ng	#	98
36) Dibenzo(a,h)anthracene	25.76	278	68	0.14 ng	#	1

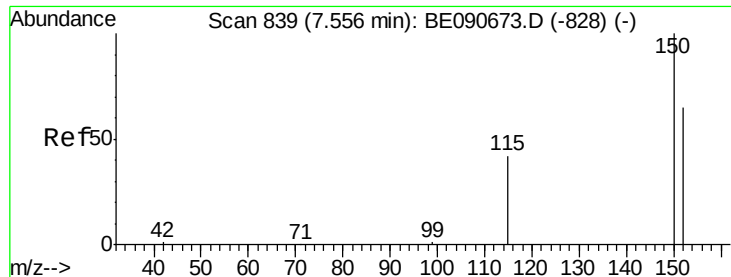
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 11 03:37:33 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. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-M

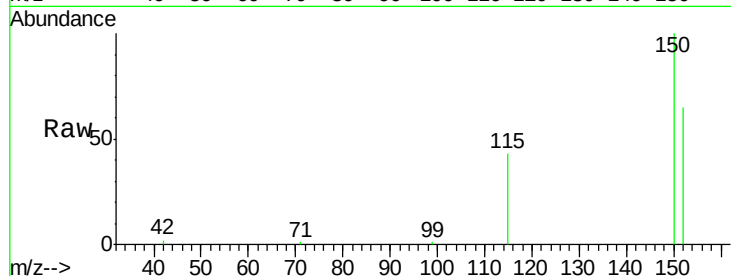
Tot Ion:152 Resp: 40378

Ion Ratio Lower Upper

152 100

150 154.8 122.2 183.4

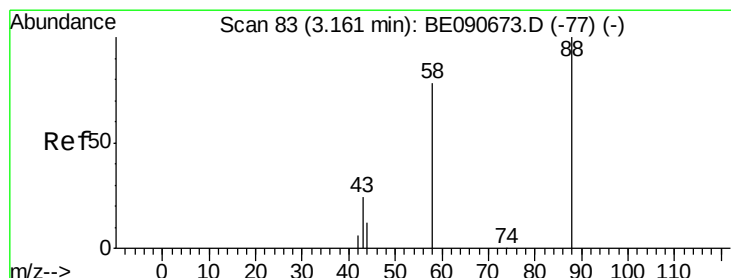
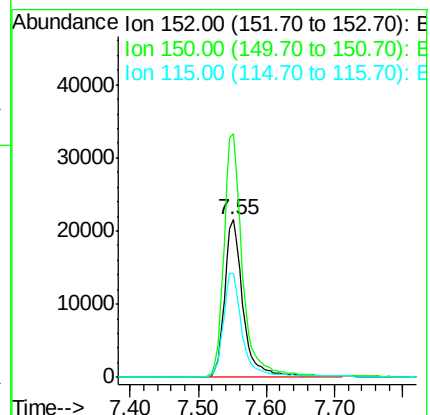
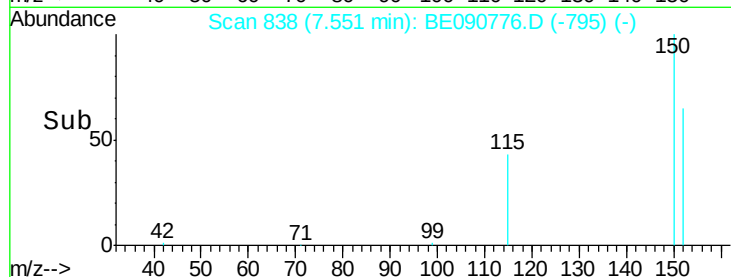
115 66.4 51.0 76.4



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: 3.14 min Scan# 79

Delta R.T. -0.02 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

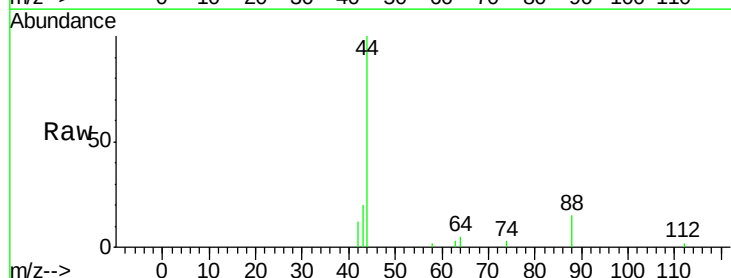
Tgt Ion: 88 Resp: 37

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

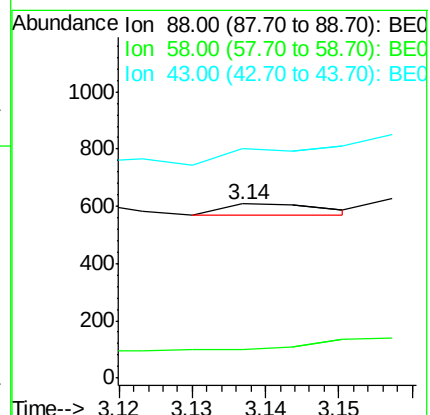
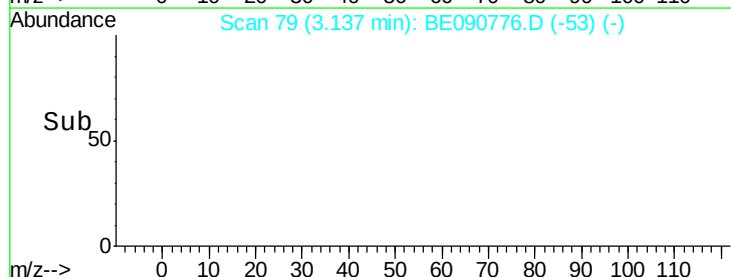
43 0.0 26.9 40.3#

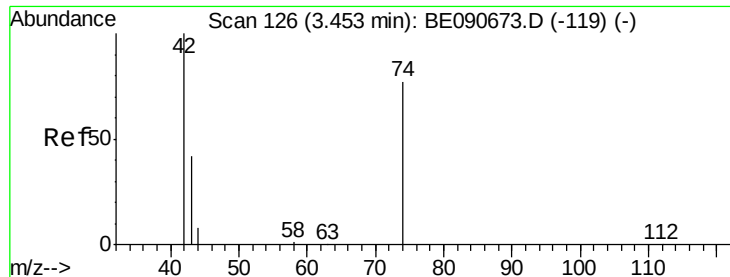


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



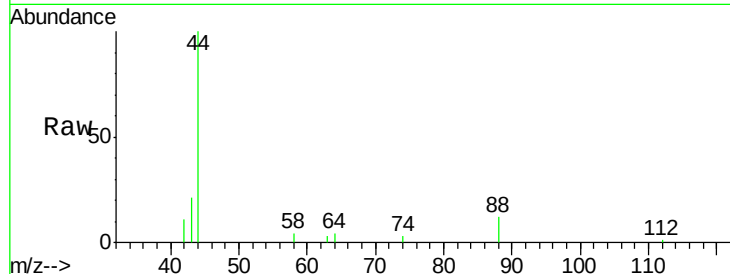


#3

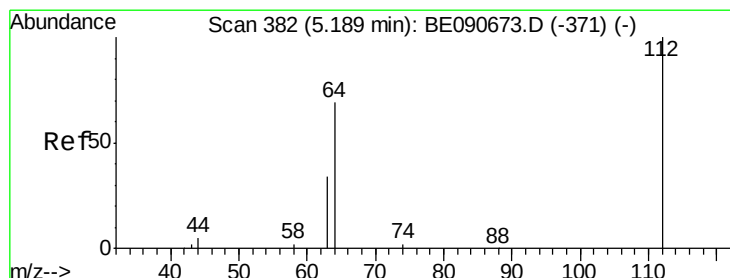
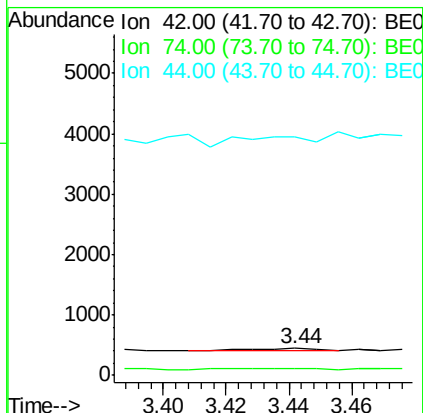
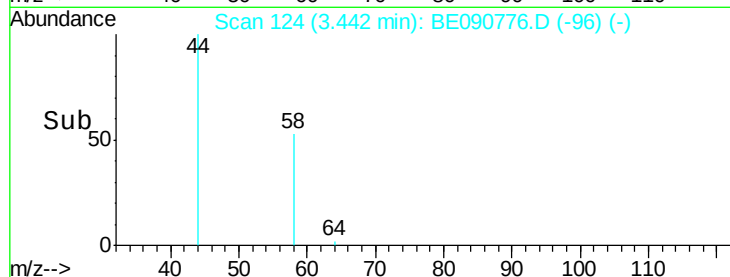
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090776.D
 Acq: 11 Sep 2015 00:11

Instrument :
 BNA_E
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 090415-D534-F-D-M

Tot Ion: 42 Resp: 58
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 508.6 10.0 15.0#



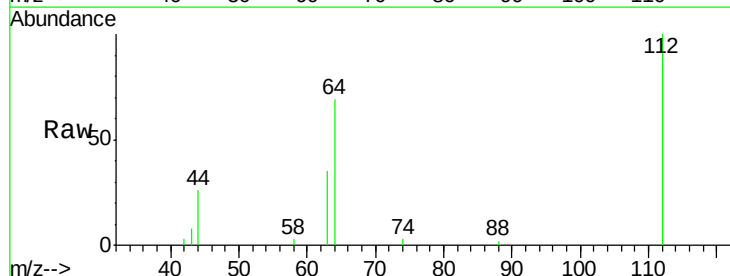
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



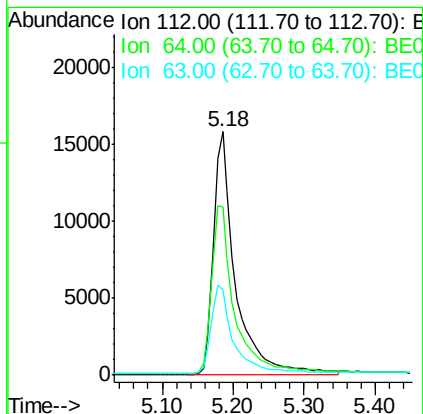
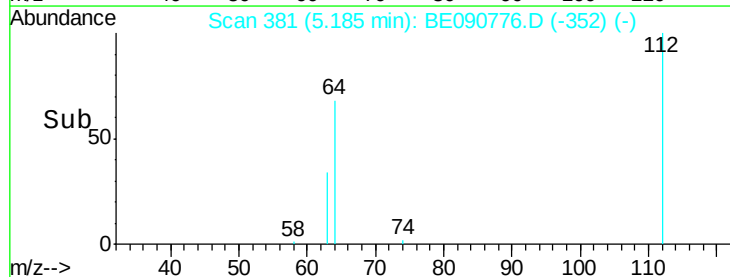
#4

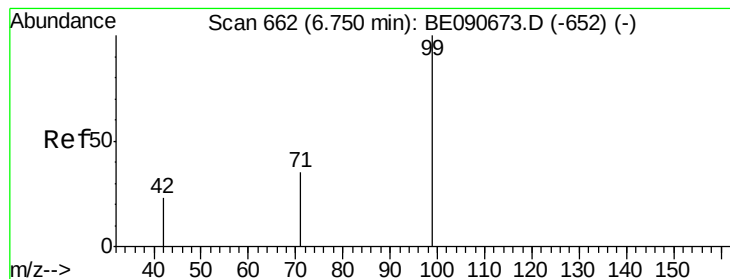
2-Fluorophenol
 Concen: 4.31 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090776.D
 Acq: 11 Sep 2015 00:11

Tgt Ion: 112 Resp: 33825
 Ion Ratio Lower Upper
 112 100
 64 72.2 57.3 85.9
 63 37.6 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: 2.76 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-M

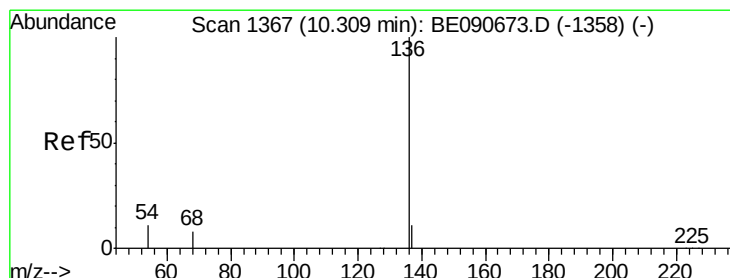
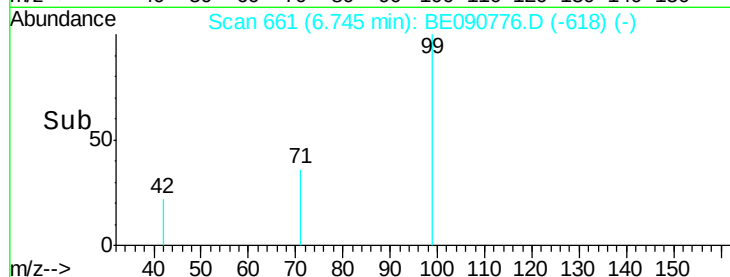
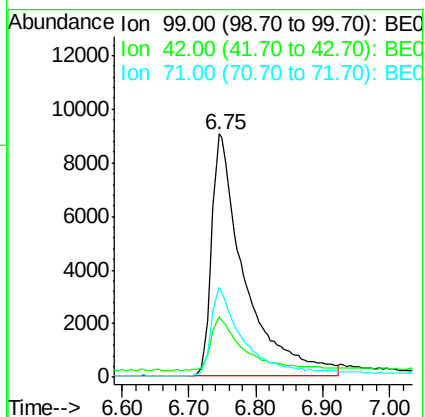
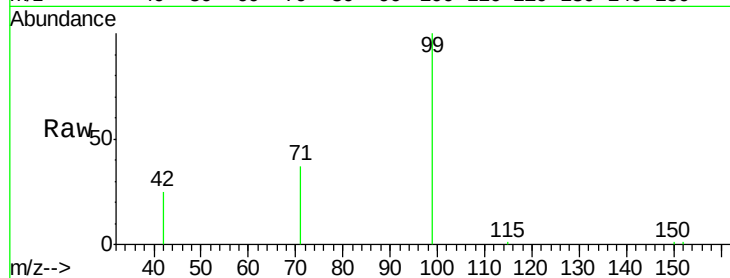
Tot Ion: 99 Resp: 30983

Ion Ratio Lower Upper

99 100

42 22.1 16.8 25.2

71 34.9 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Tgt Ion: 136 Resp: 179234

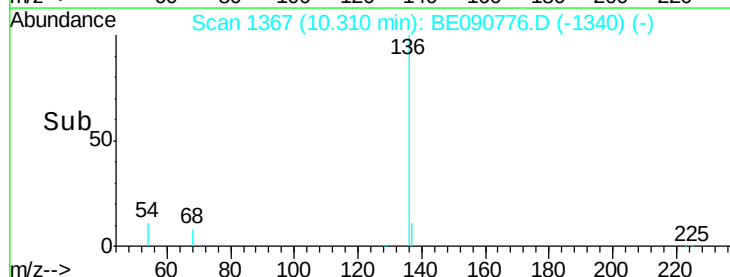
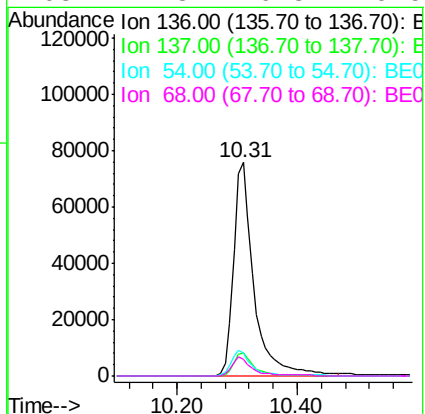
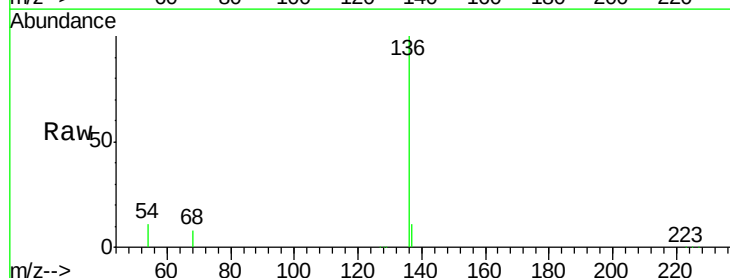
Ion Ratio Lower Upper

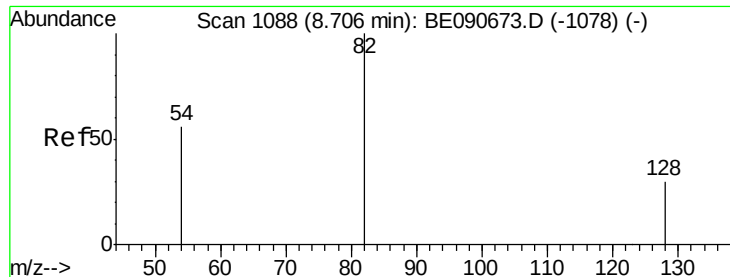
136 100

137 10.9 8.7 13.1

54 10.8 9.0 13.6

68 7.8 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.06 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

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ClientSampleId :

090415-D534-F-D-M

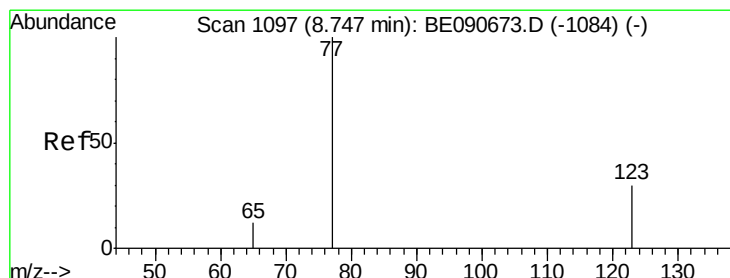
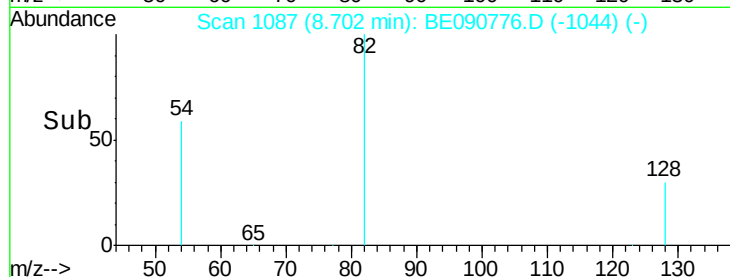
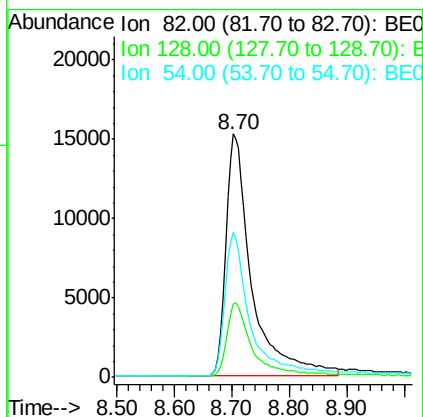
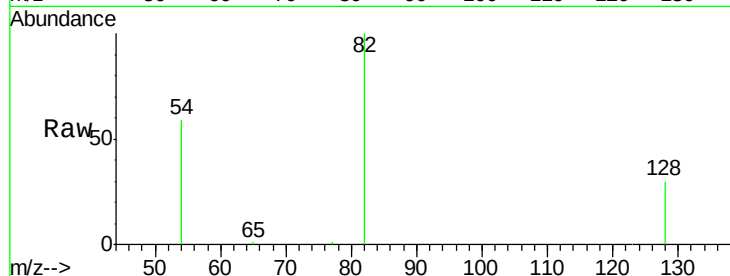
Tot Ion: 82 Resp: 48072

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.4

54 59.3 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.04 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

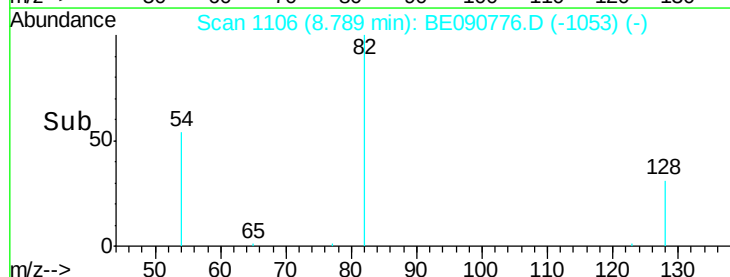
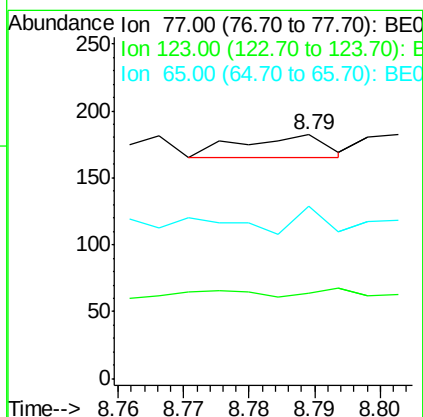
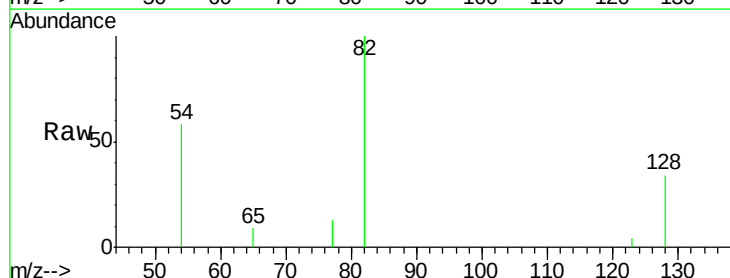
Tgt Ion: 77 Resp: 16

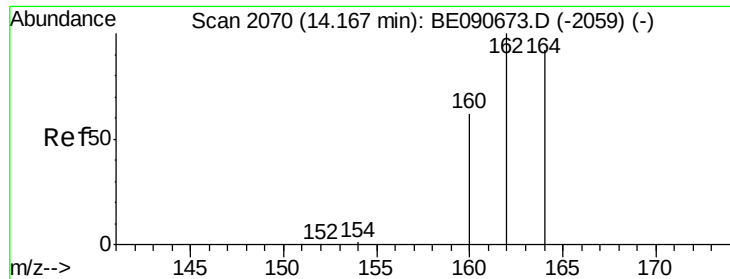
Ion Ratio Lower Upper

77 100

123 25.0 25.1 37.7#

65 37.5 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-M

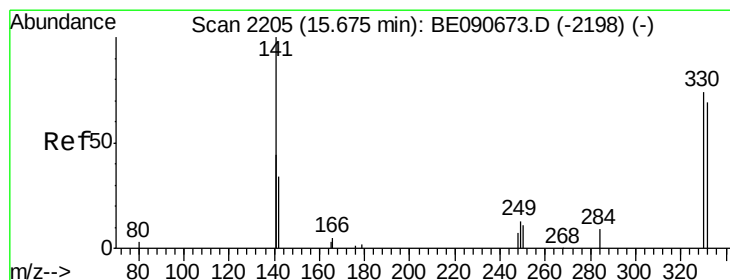
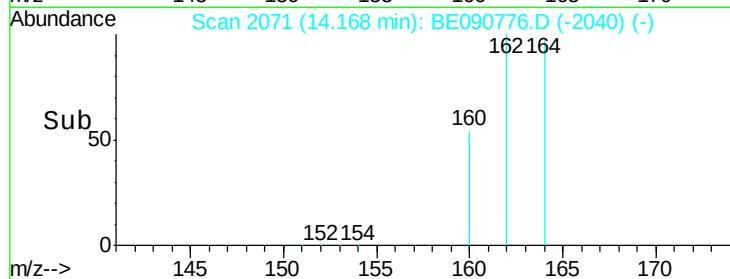
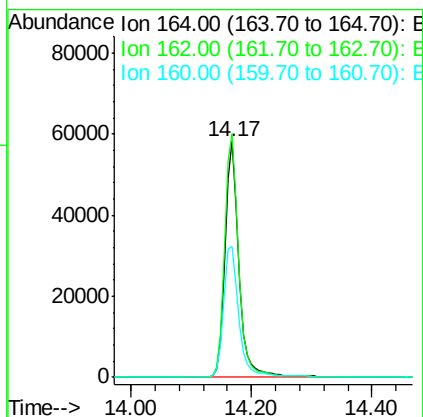
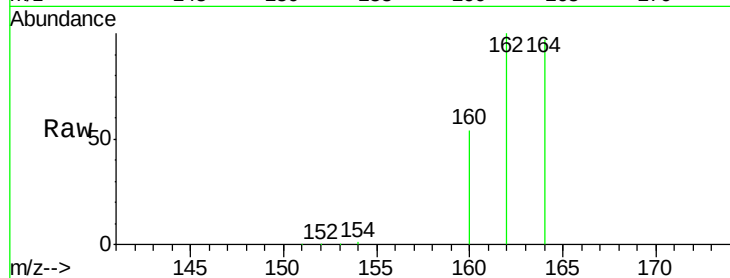
Tot Ion:164 Resp: 94843

Ion Ratio Lower Upper

164 100

162 103.3 86.8 130.2

160 55.8 53.9 80.9



#13

2,4,6-Tribromophenol

Concen: 8.87 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

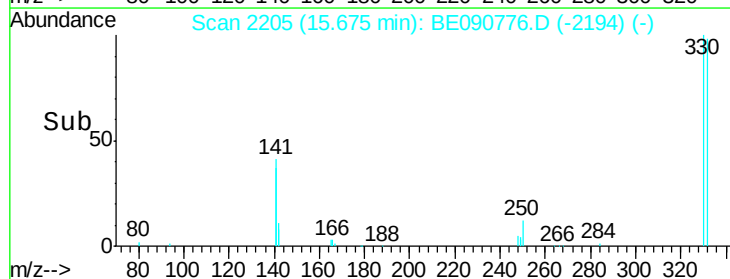
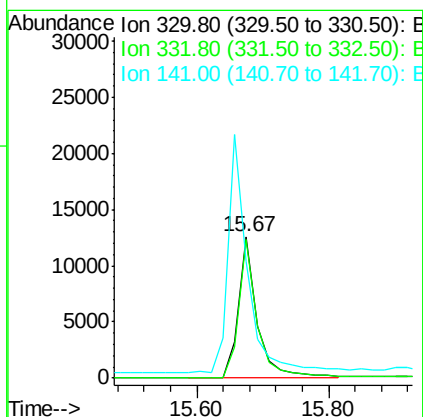
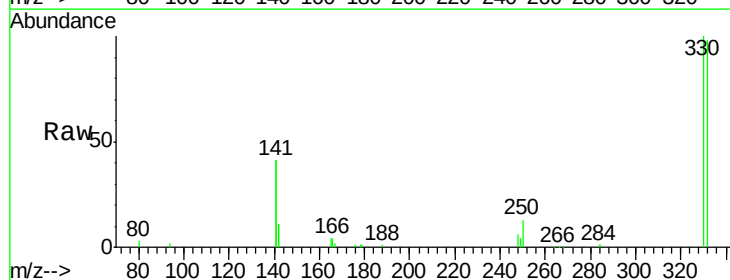
Tgt Ion:330 Resp: 24756

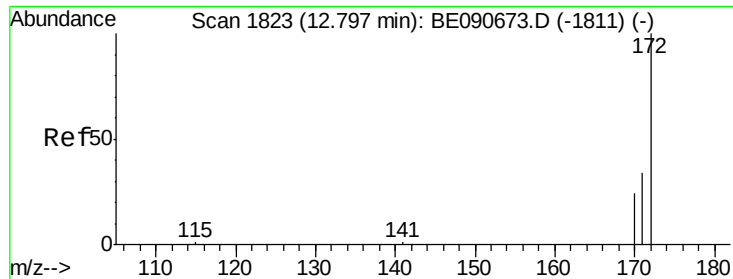
Ion Ratio Lower Upper

330 100

332 96.9 74.9 112.3

141 177.2 145.2 217.8

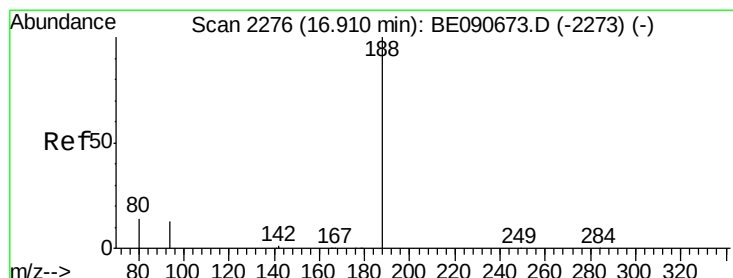
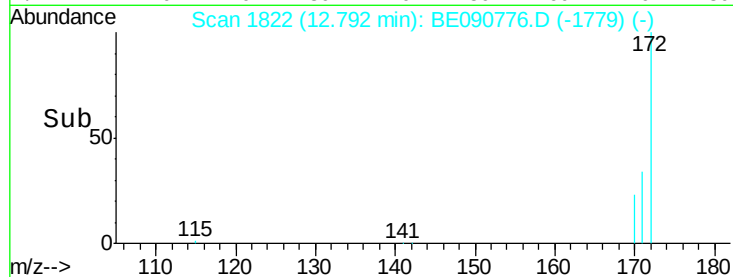
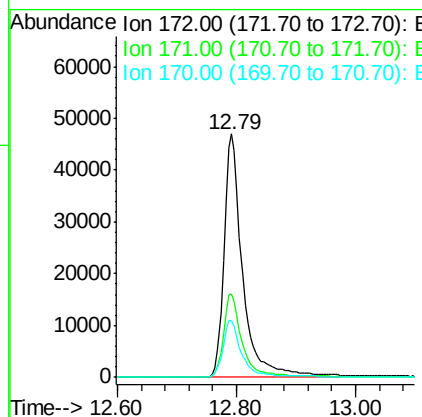
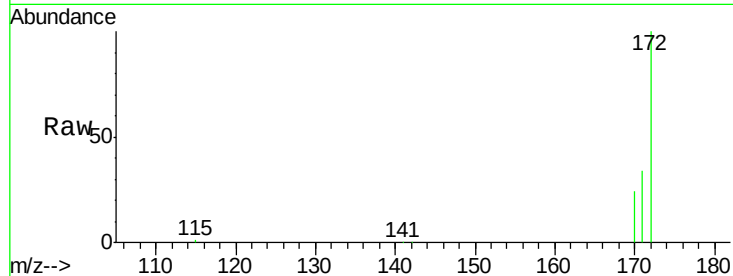




#14
2-Fluorobiphenyl
Concen: 3.90 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090776.D
Acq: 11 Sep 2015 00:11

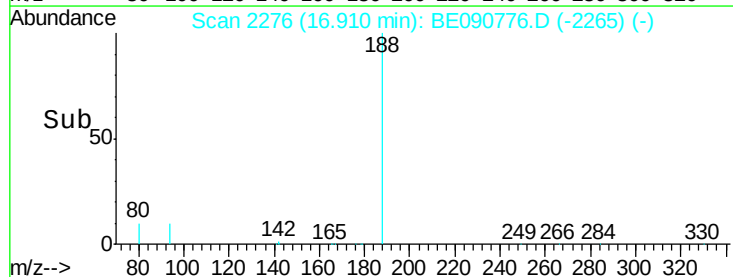
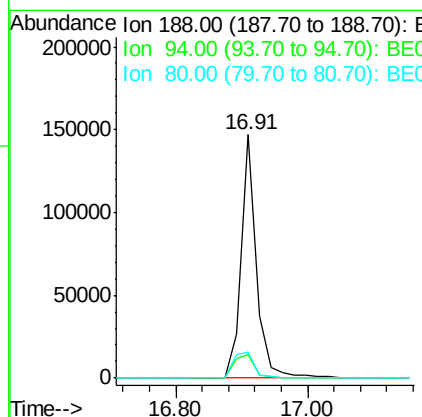
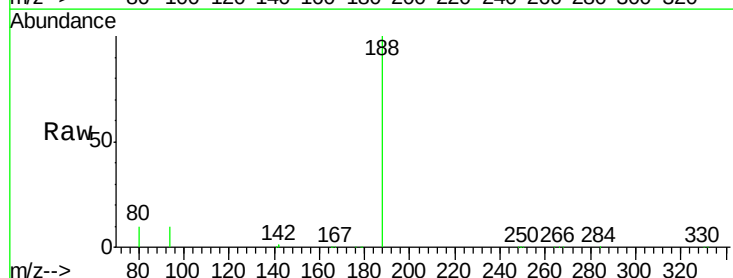
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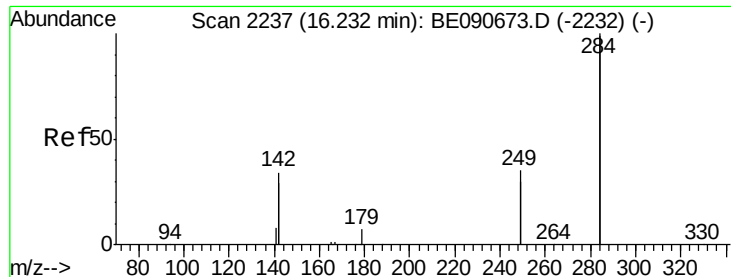
Tot Ion:172 Resp: 102452
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.6 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090776.D
Acq: 11 Sep 2015 00:11

Tgt Ion:188 Resp: 236245
Ion Ratio Lower Upper
188 100
94 9.7 10.3 15.5#
80 10.5 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-M

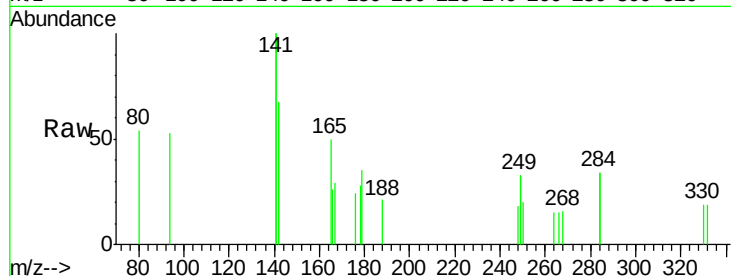
Tot Ion:284 Resp: 125

Ion Ratio Lower Upper

284 100

142 213.6 35.0 52.4#

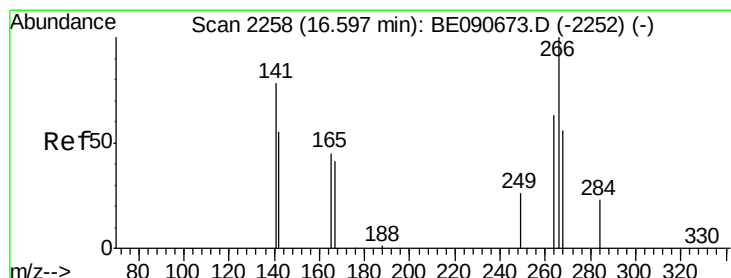
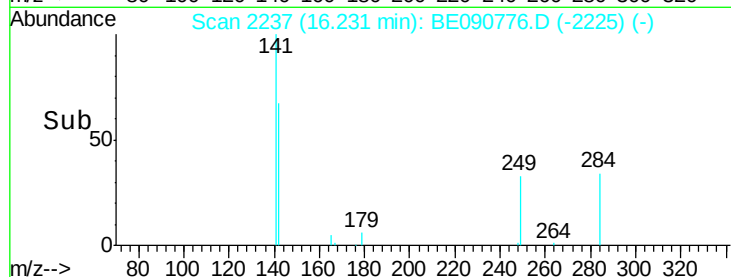
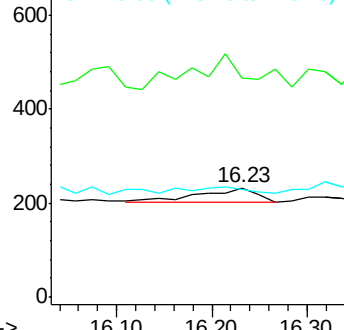
249 50.4 25.5 38.3#



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: 0.46 ng

RT: 16.65 min Scan# 2261

Delta R.T. 0.05 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

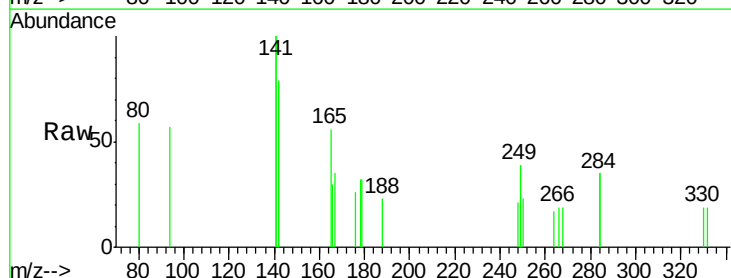
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

268 101.8 49.6 74.4#

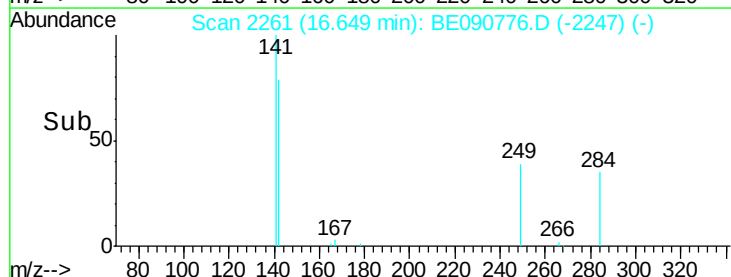
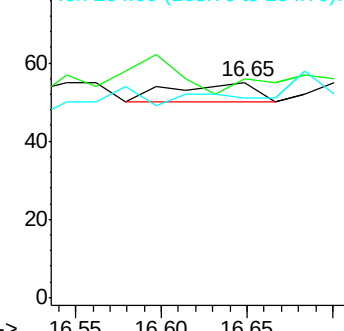
264 92.7 53.9 80.9#

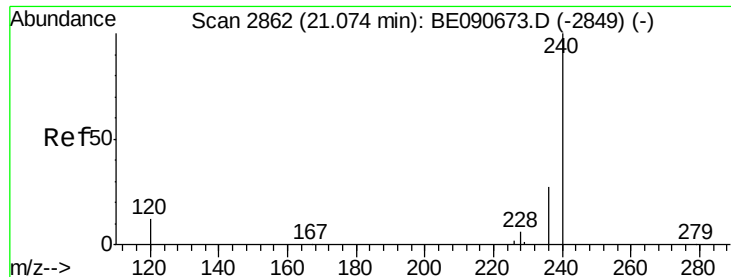


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-M

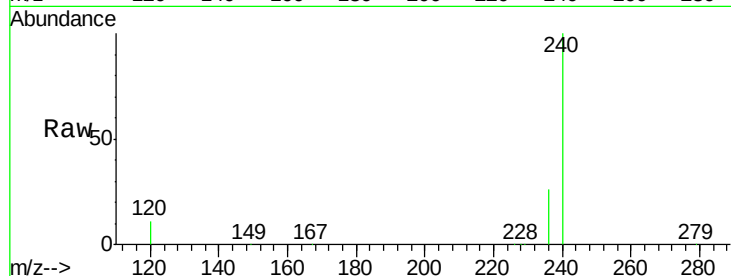
Tot Ion:240 Resp: 300073

Ion Ratio Lower Upper

240 100

120 10.8 10.1 15.1

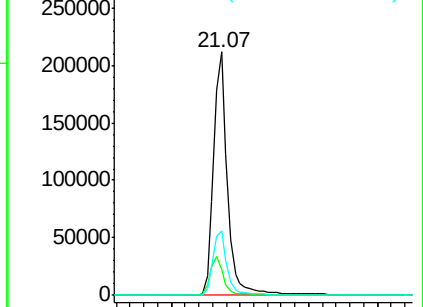
236 26.5 21.9 32.9



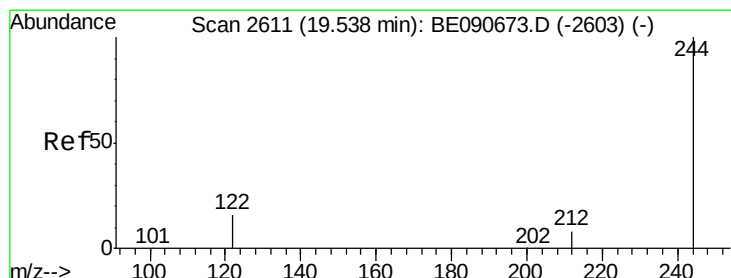
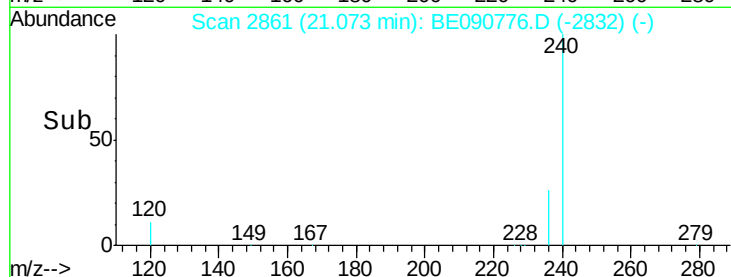
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#27

Terphenyl-d14

Concen: 5.70 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

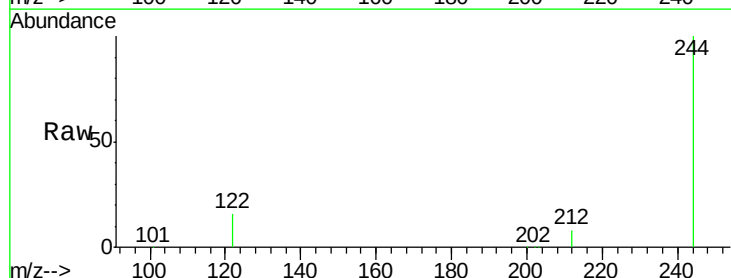
Tgt Ion:244 Resp: 189084

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

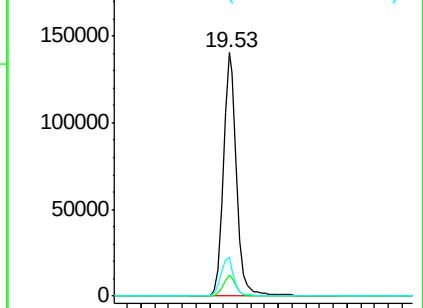
122 15.9 12.9 19.3



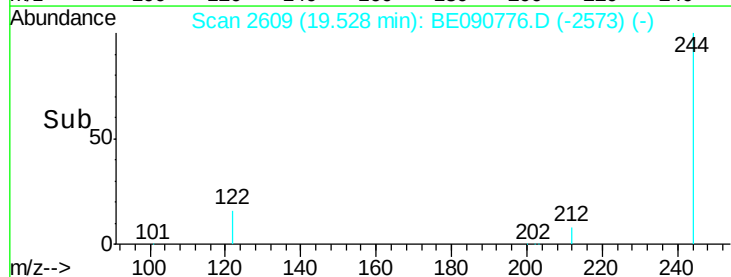
Abundance Ion 244.00 (243.70 to 244.70): E

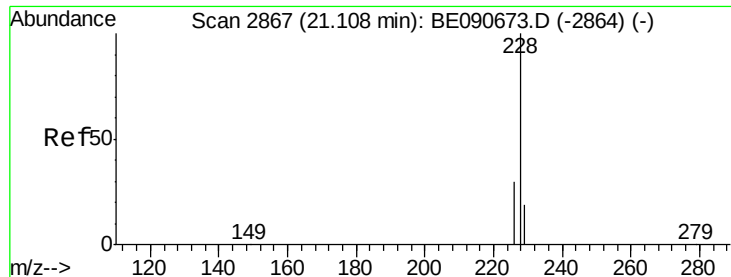
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#29

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-M

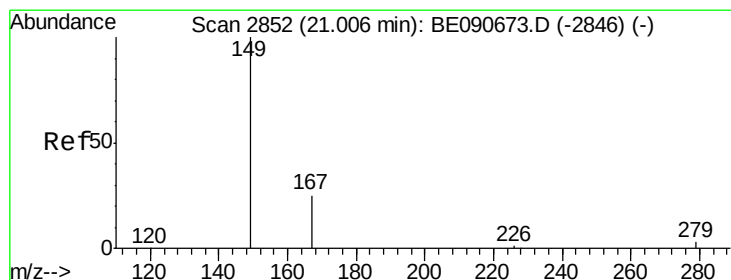
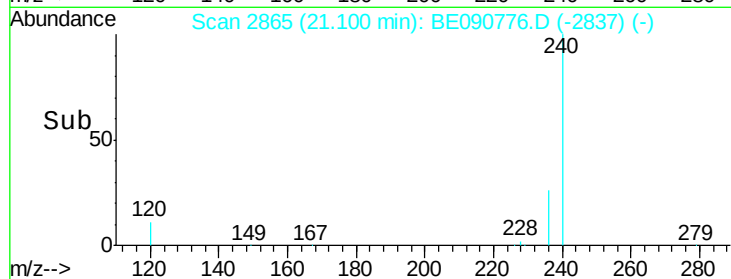
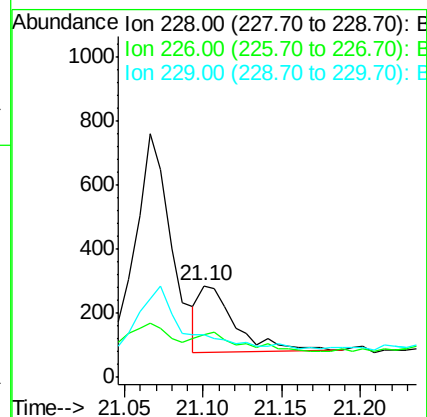
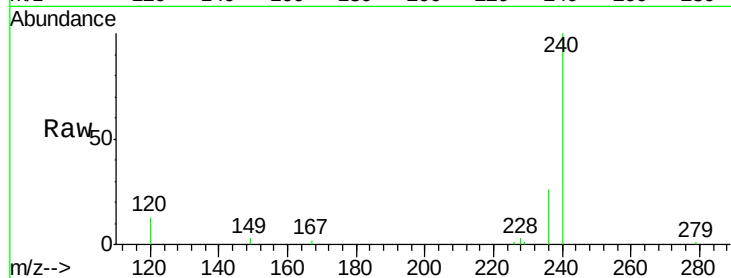
Tot Ion:228 Resp: 327

Ion Ratio Lower Upper

228 100

226 46.2 24.2 36.4#

229 46.5 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

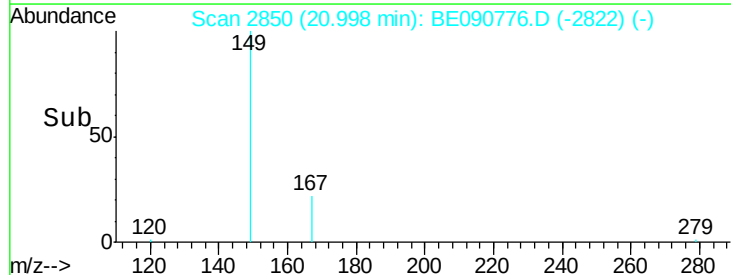
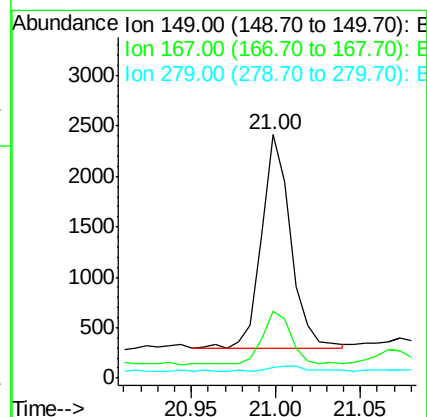
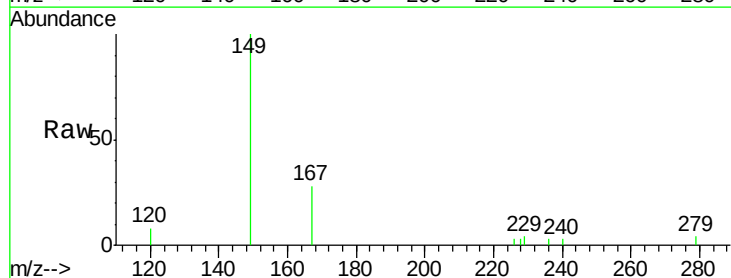
Tgt Ion:149 Resp: 2536

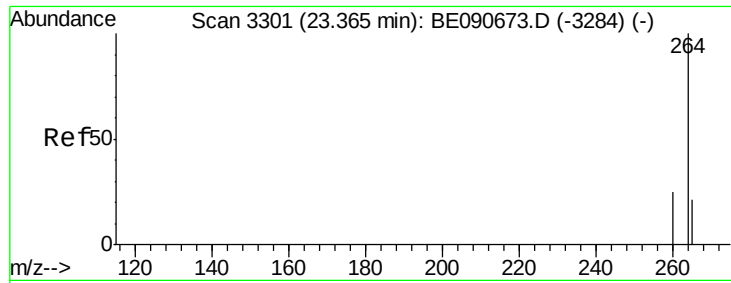
Ion Ratio Lower Upper

149 100

167 23.7 20.1 30.1

279 3.0 2.3 3.5

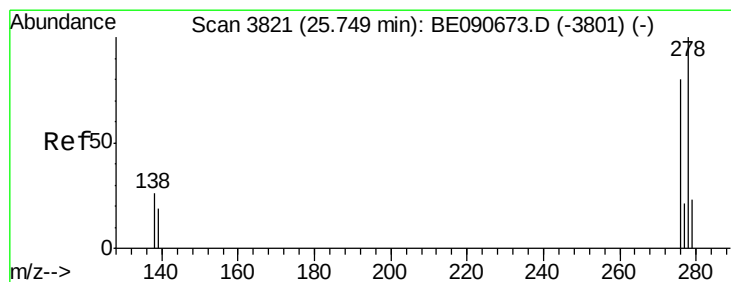
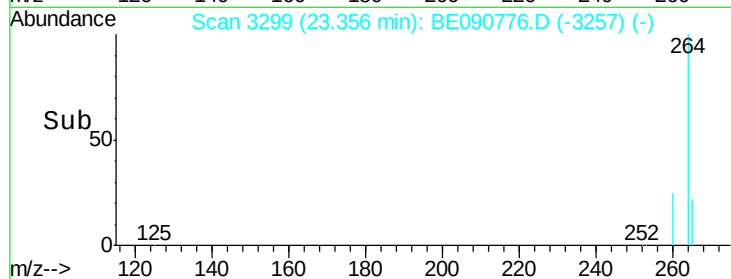
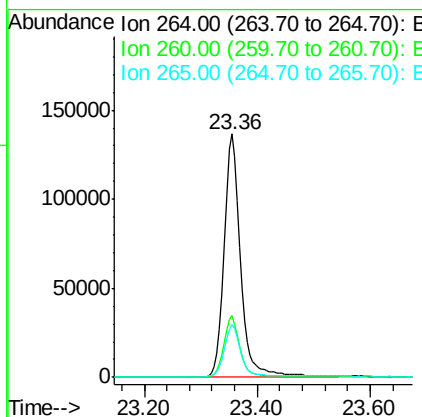
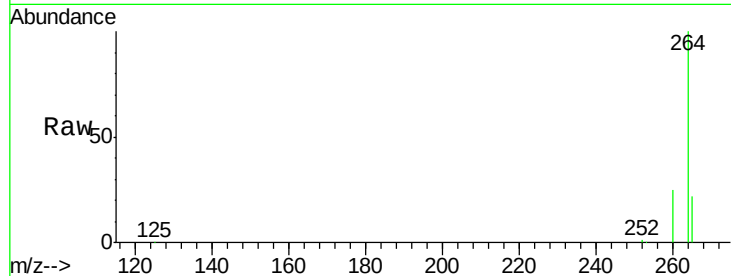




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090776.D
 Acq: 11 Sep 2015 00:11

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-M

Tot Ion:264 Resp: 278565
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 22.0 17.5 26.3



#36
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.76 min Scan# 3824
 Delta R.T. 0.01 min
 Lab File: BE090776.D
 Acq: 11 Sep 2015 00:11

Tgt Ion:278 Resp: 68
 Ion Ratio Lower Upper
 278 100
 139 136.4 15.4 23.0#
 279 110.2 18.8 28.2#

