

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
 Data File : BE090850.D
 Acq On : 16 Sep 2015 18:48
 Operator : UM/IZ
 Sample : G3677-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-U-M

Quant Time: Sep 17 00:56:48 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	30319	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	131470	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	67415	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	172694	5.00	ng	0.00
25) Chrysene-d12	21.07	240	236733	5.00	ng	0.00
32) Perylene-d12	23.35	264	222157	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	21166	3.59	ng	0.00
5) Phenol-d6	6.75	99	18205	2.16	ng	0.00
7) Nitrobenzene-d5	8.71	82	32267	3.71	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	12292	6.25	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	72680	3.89	ng	0.00
27) Terphenyl-d14	19.52	244	133070	5.08	ng	-0.02

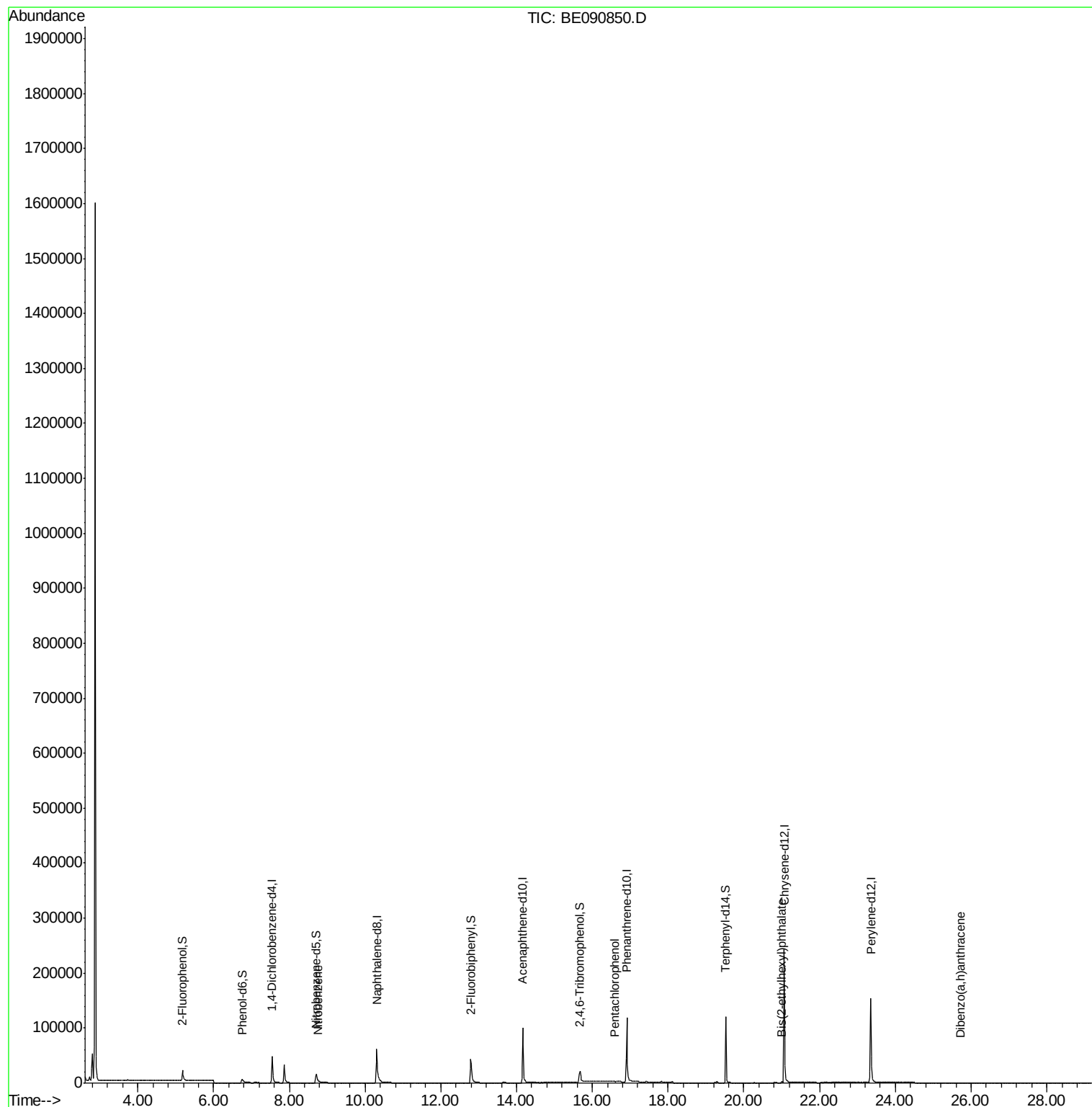
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	293	Below Cal	#	48
3) n-Nitrosodimethylamine	3.42	42	33	Below Cal	#	1
8) Nitrobenzene	8.75	77	34	0.11 ng	#	48
20) Hexachlorobenzene	16.23	284	72	Below Cal	#	1
21) Pentachlorophenol	16.60	266	11	0.46 ng	#	52
29) Chrysene	21.10	228	341	Below Cal	#	67
30) Bis(2-ethylhexyl)phthalate	21.00	149	1770	0.19 ng	#	99
36) Dibenzo(a,h)anthracene	25.72	278	8	0.14 ng	#	1

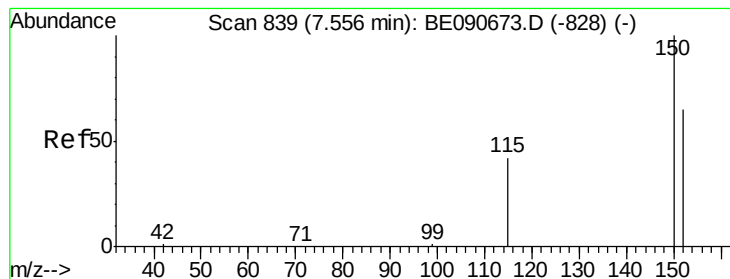
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

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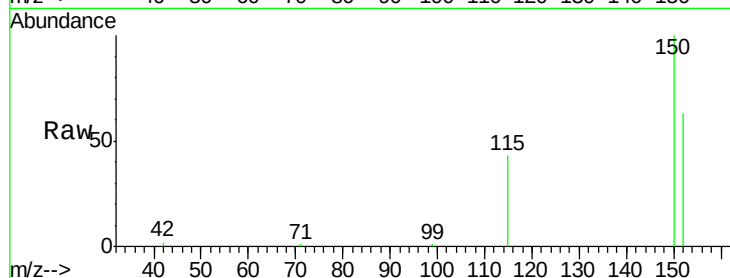
Tot Ion:152 Resp: 30319

Ion Ratio Lower Upper

152 100

150 159.8 122.2 183.4

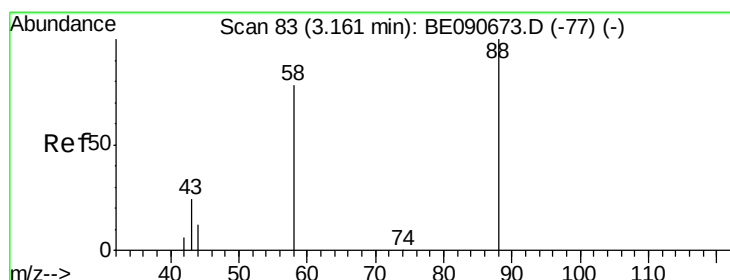
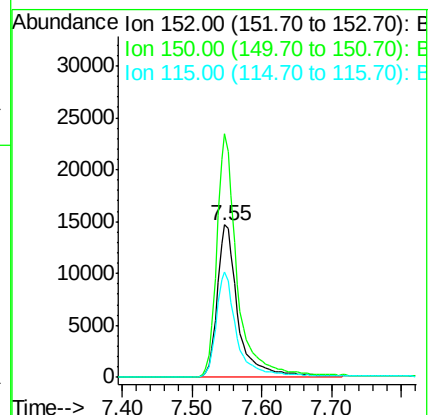
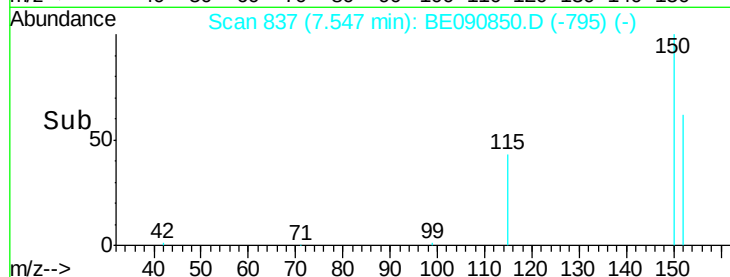
115 69.1 51.0 76.4



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: 3.16 min Scan# 82

Delta R.T. -0.00 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

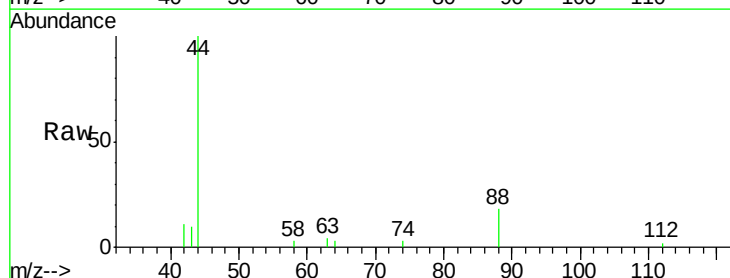
Tgt Ion: 88 Resp: 293

Ion Ratio Lower Upper

88 100

58 23.2 68.4 102.6#

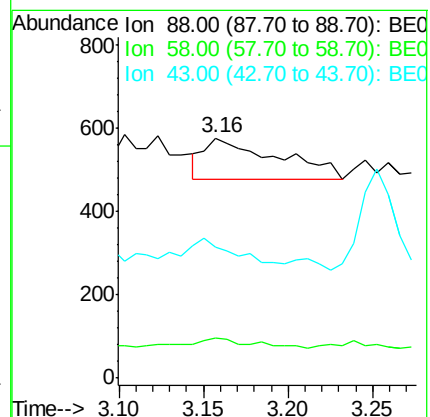
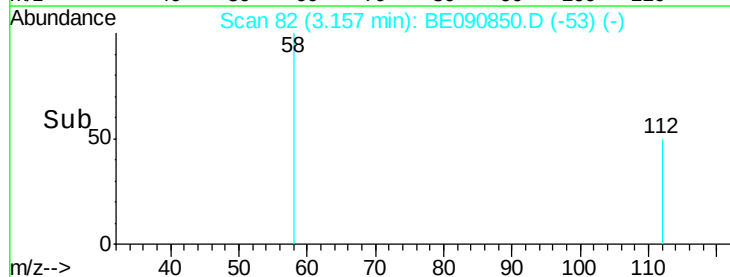
43 39.6 26.9 40.3

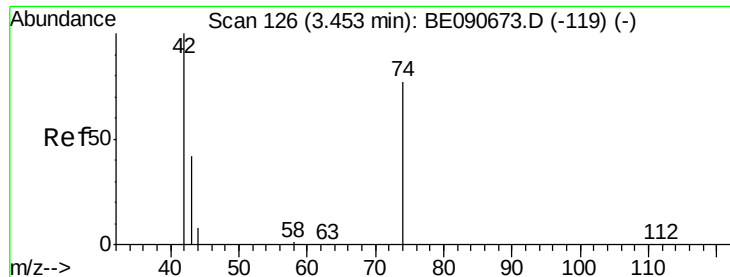


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



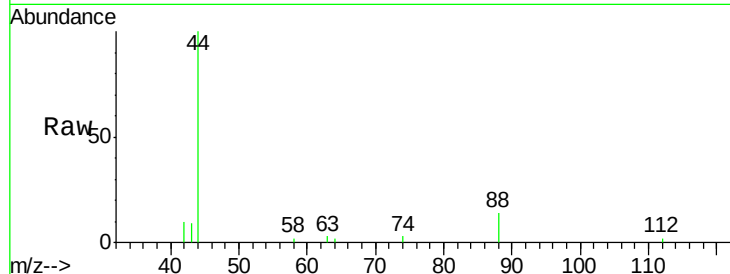


#3

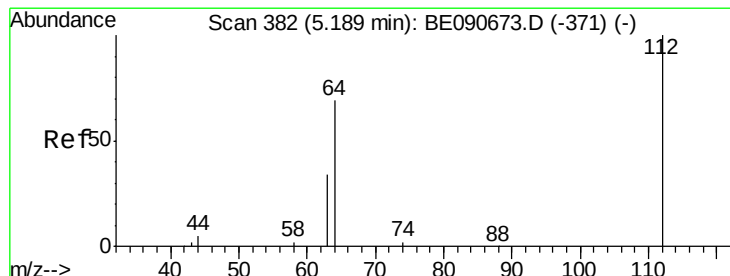
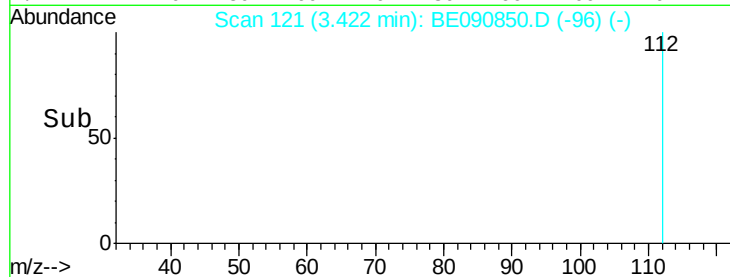
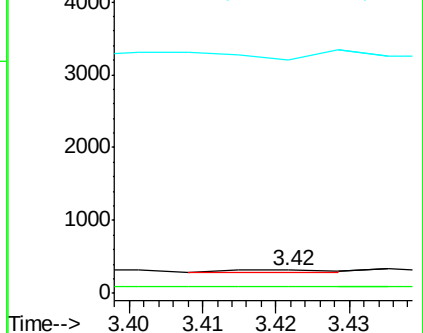
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.42 min Scan# 121
 Delta R.T. -0.03 min
 Lab File: BE090850.D
 Acq: 16 Sep 2015 18:48

Instrument :
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Tot Ion: 42 Resp: 33
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 451.5 10.0 15.0#



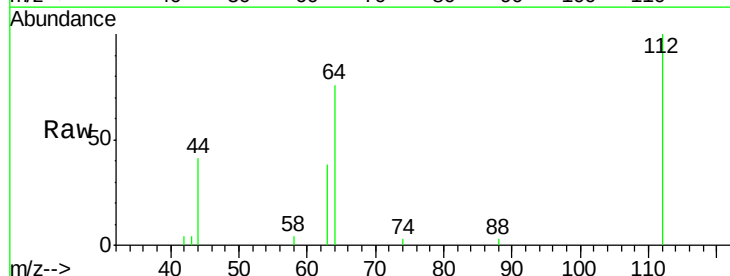
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



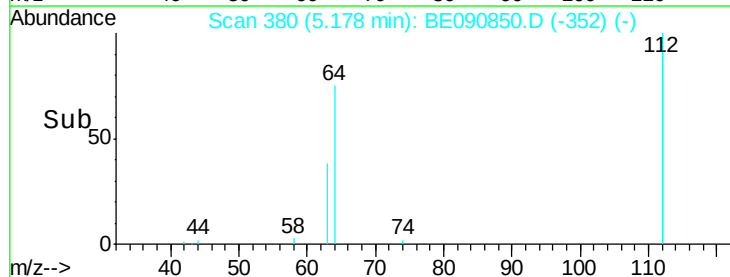
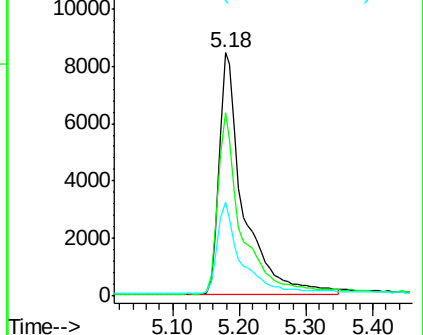
#4

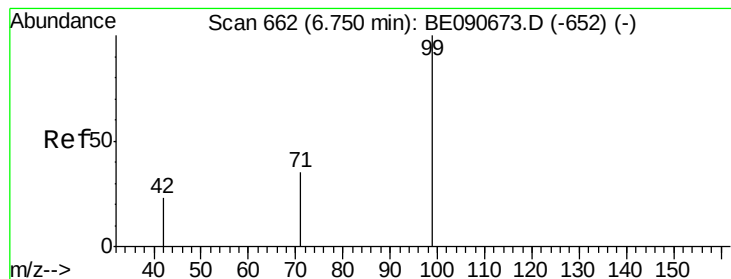
2-Fluorophenol
 Concen: 3.59 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BE090850.D
 Acq: 16 Sep 2015 18:48

Tgt Ion: 112 Resp: 21166
 Ion Ratio Lower Upper
 112 100
 64 73.2 57.3 85.9
 63 37.8 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: 2.16 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-M

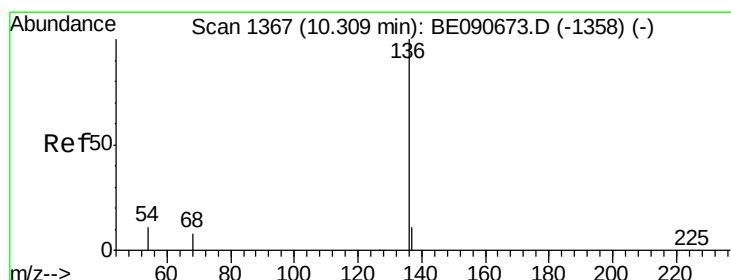
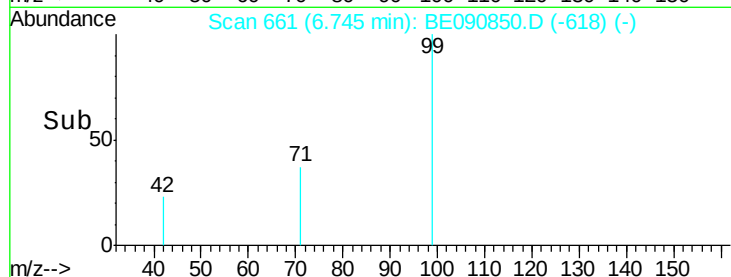
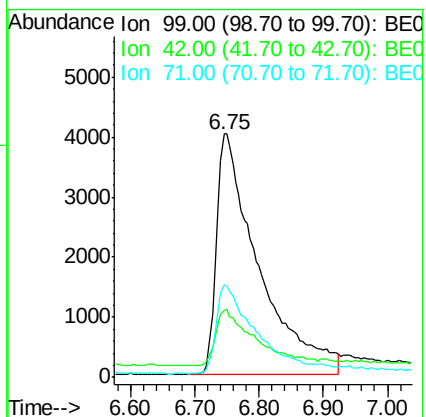
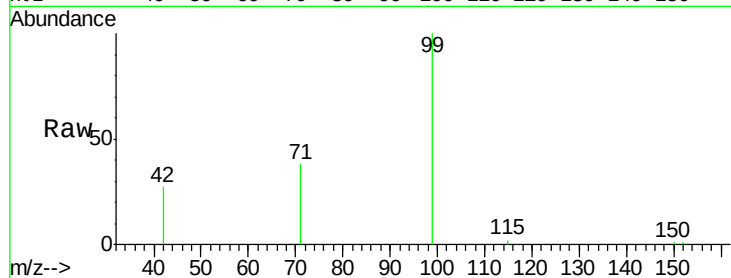
Tot Ion: 99 Resp: 18205

Ion Ratio Lower Upper

99 100

42 22.4 16.8 25.2

71 34.7 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: BE090850.D

Acq: 16 Sep 2015 18:48

Tgt Ion: 136 Resp: 131470

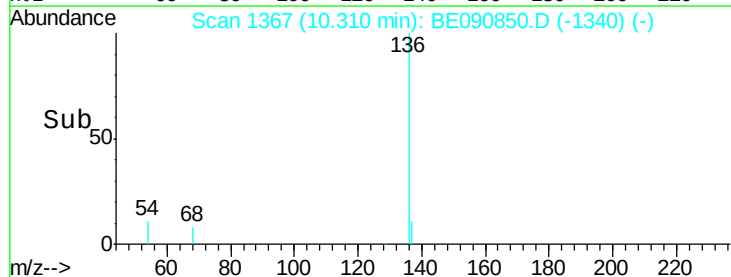
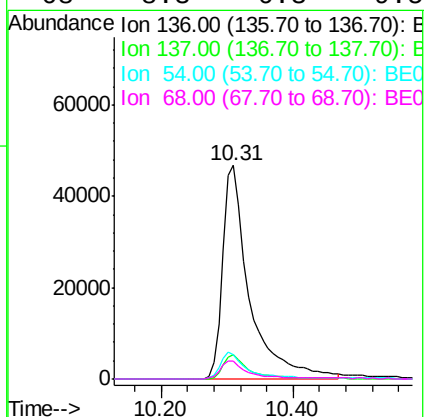
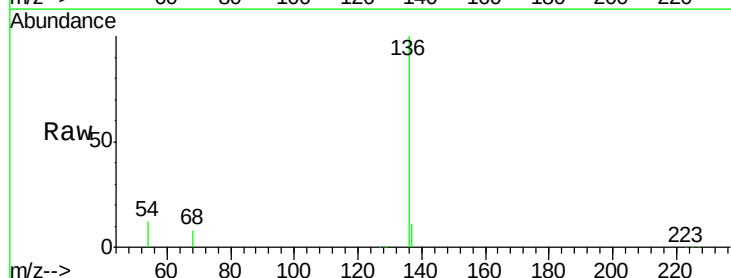
Ion Ratio Lower Upper

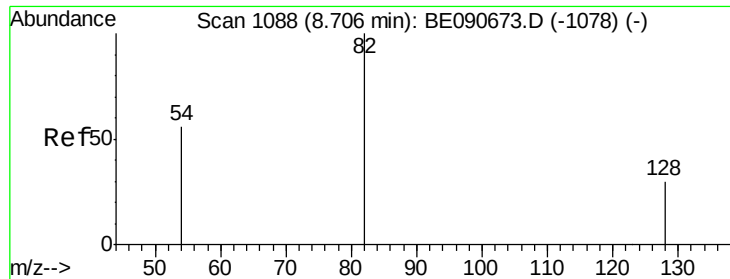
136 100

137 11.4 8.7 13.1

54 11.7 9.0 13.6

68 8.3 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.71 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-M

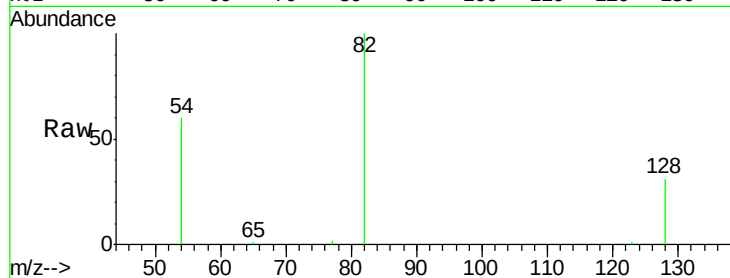
Tot Ion: 82 Resp: 32267

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

54 59.6 46.3 69.5

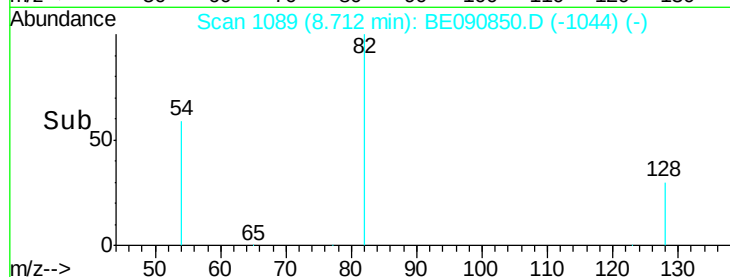


Abundance Ion 82.00 (81.70 to 82.70): BE0

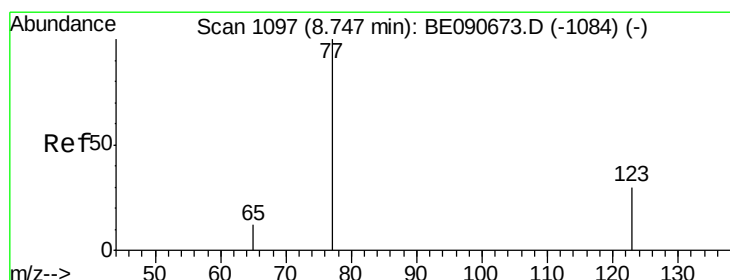
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

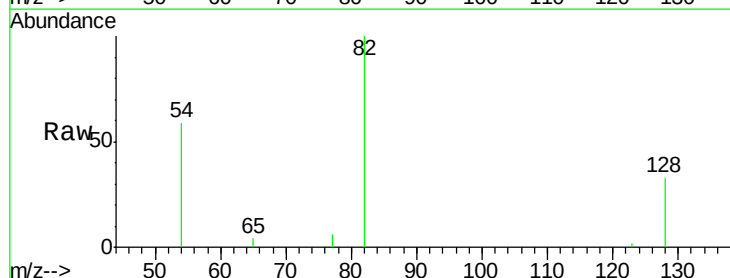
Tgt Ion: 77 Resp: 34

Ion Ratio Lower Upper

77 100

123 5.9 25.1 37.7#

65 38.2 9.9 14.9#

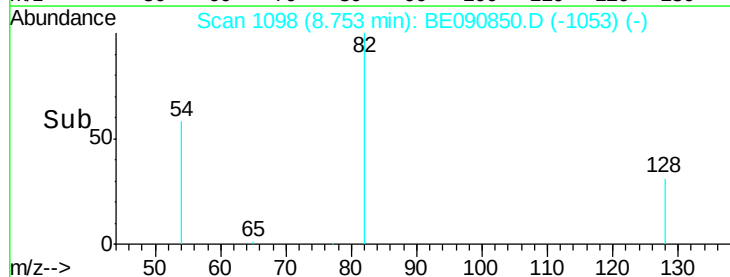


Abundance Ion 77.00 (76.70 to 77.70): BE0

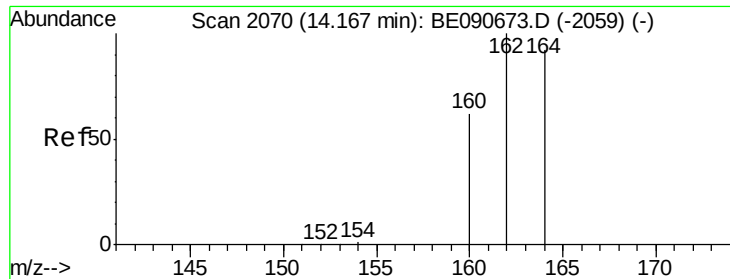
Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-M

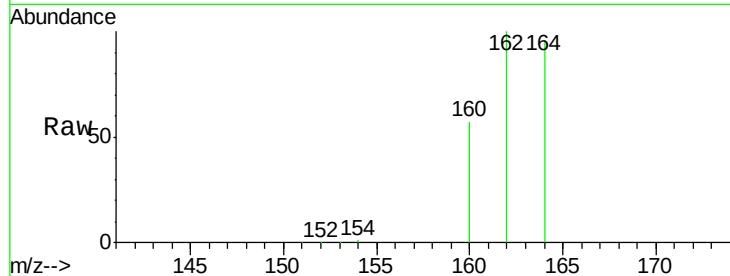
Tot Ion:164 Resp: 67415

Ion Ratio Lower Upper

164 100

162 104.1 86.8 130.2

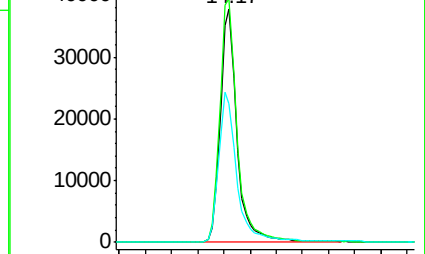
160 59.4 53.9 80.9



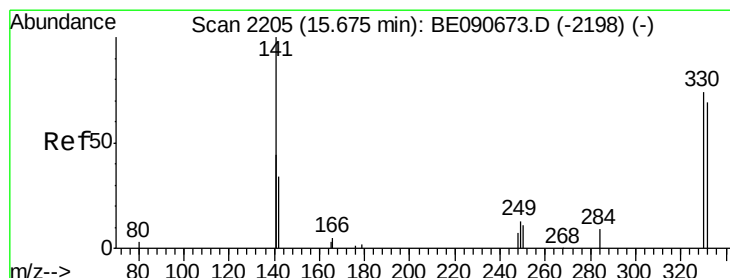
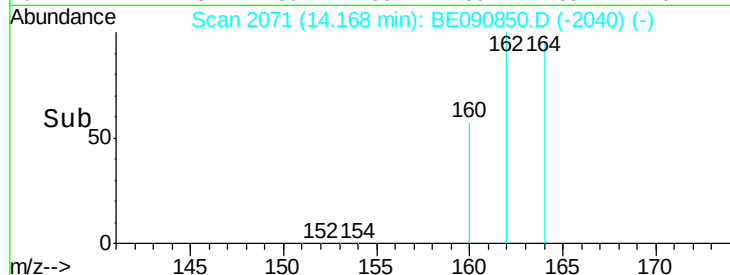
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.00 14.20 14.40



#13

2,4,6-Tribromophenol

Concen: 6.25 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

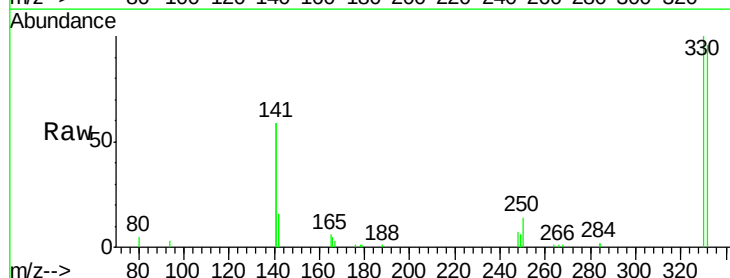
Tgt Ion:330 Resp: 12292

Ion Ratio Lower Upper

330 100

332 97.5 74.9 112.3

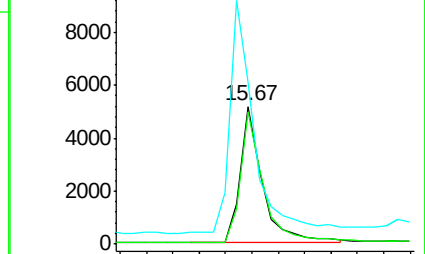
141 184.7 145.2 217.8



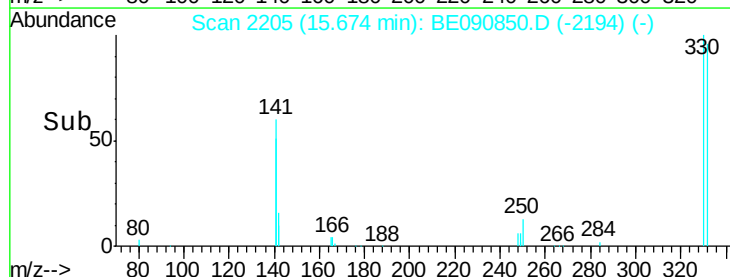
Abundance Ion 329.80 (329.50 to 330.50): E

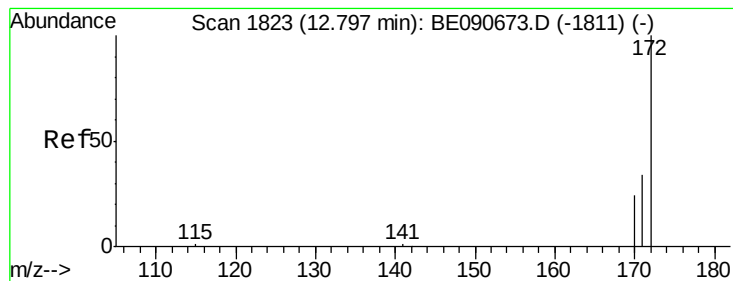
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.60 15.80





#14

2-Fluorobiphenyl

Concen: 3.89 ng

RT: 12.79 min Scan# 1822

Delta R.T. -0.01 min

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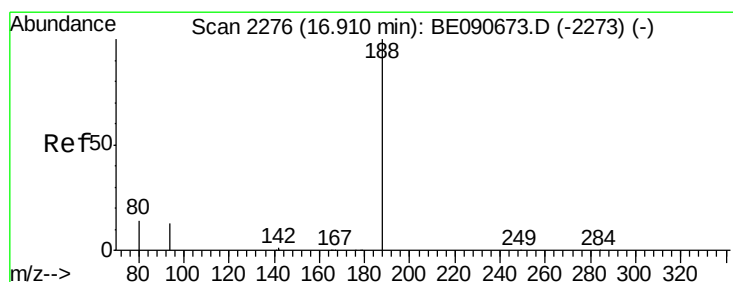
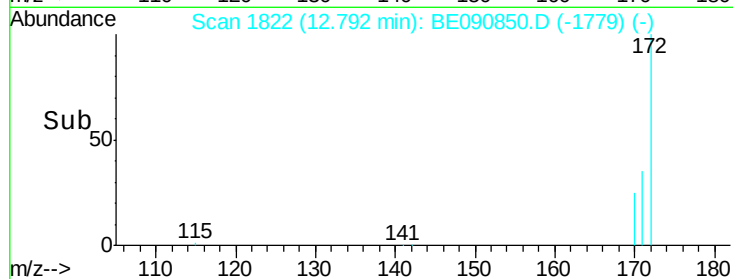
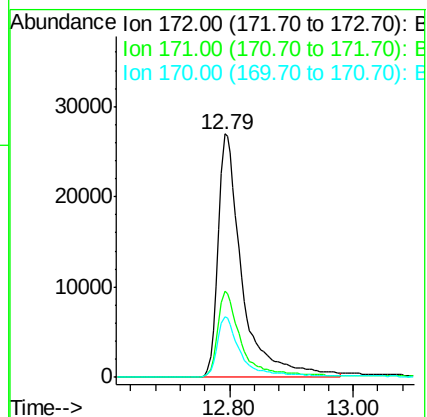
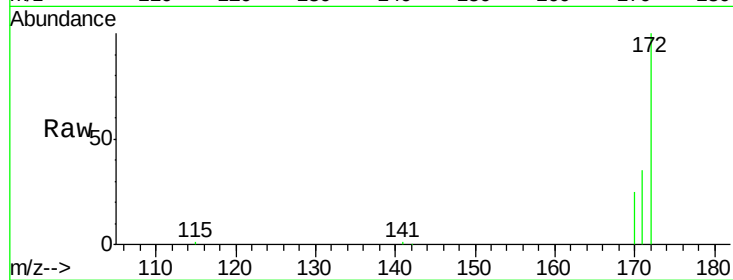
Tot Ion:172 Resp: 72680

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 24.7 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: BE090850.D

Acq: 16 Sep 2015 18:48

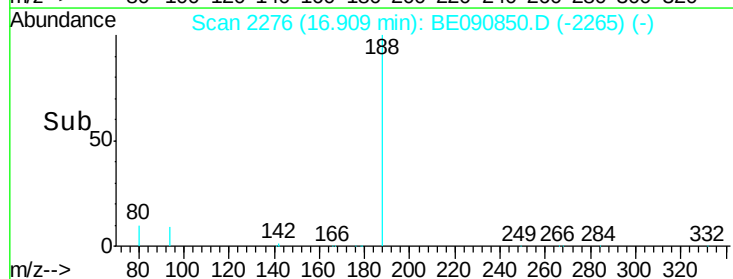
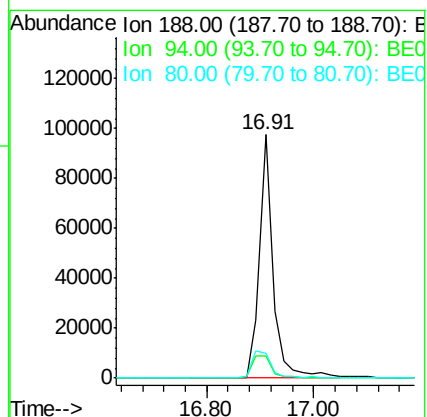
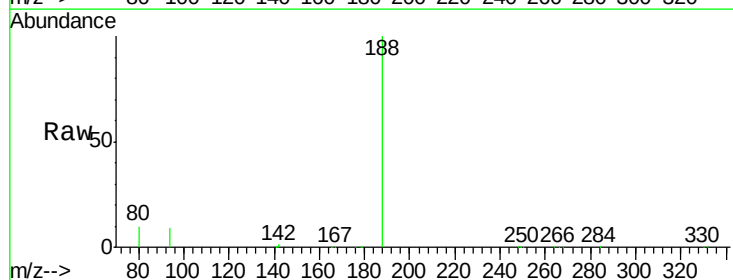
Tgt Ion:188 Resp: 172694

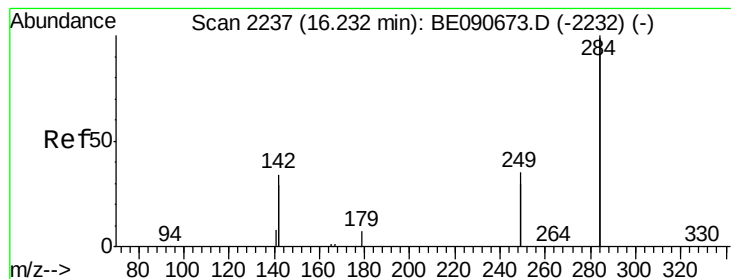
Ion Ratio Lower Upper

188 100

94 9.3 10.3 15.5#

80 10.2 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

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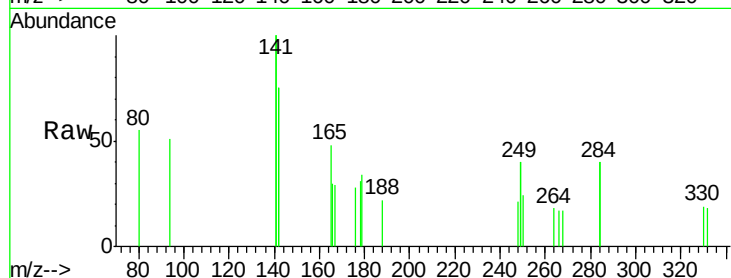
Tot Ion:284 Resp: 72

Ion Ratio Lower Upper

284 100

142 186.1 35.0 52.4#

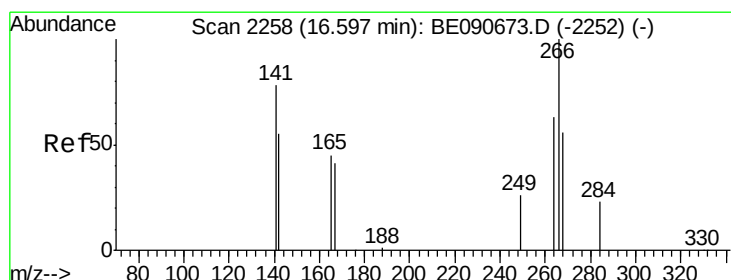
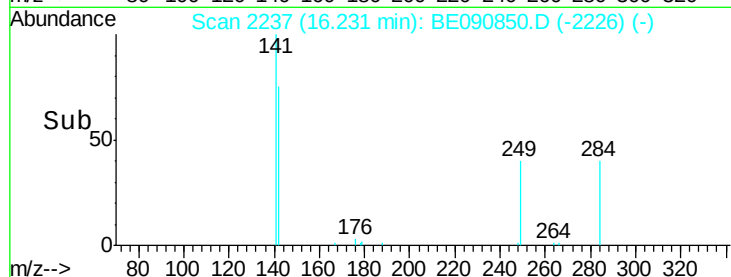
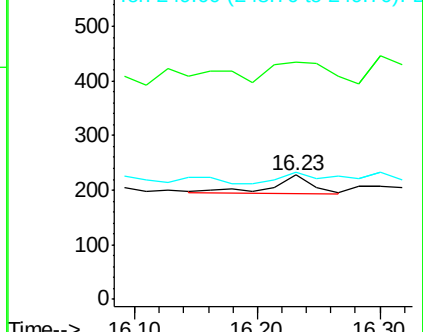
249 55.6 25.5 38.3#



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: 0.46 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

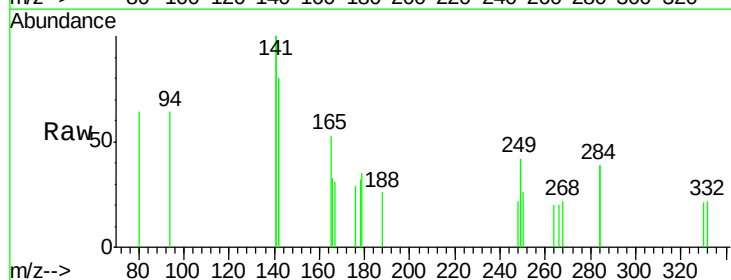
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

268 109.6 49.6 74.4#

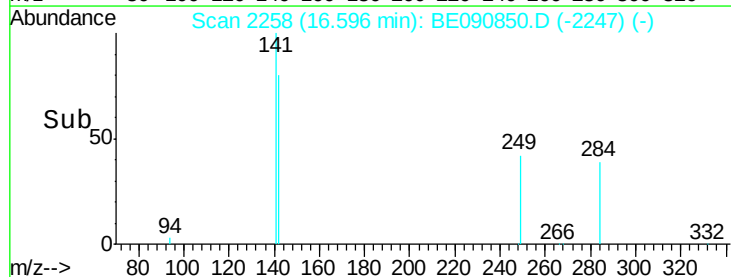
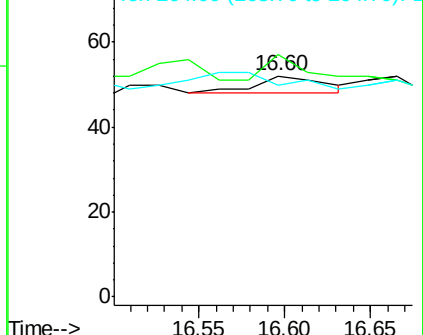
264 96.2 53.9 80.9#

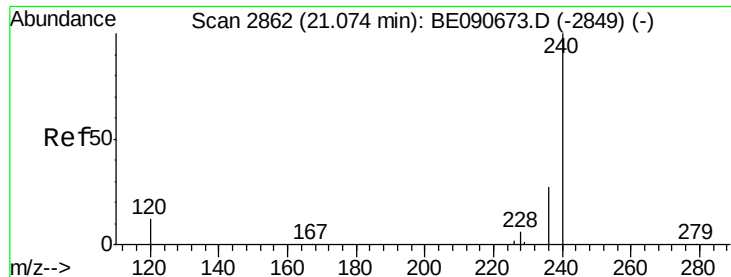


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2860

Delta R.T. -0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-M

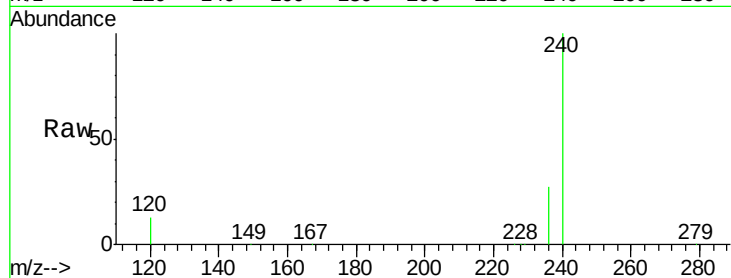
Tot Ion:240 Resp: 236733

Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

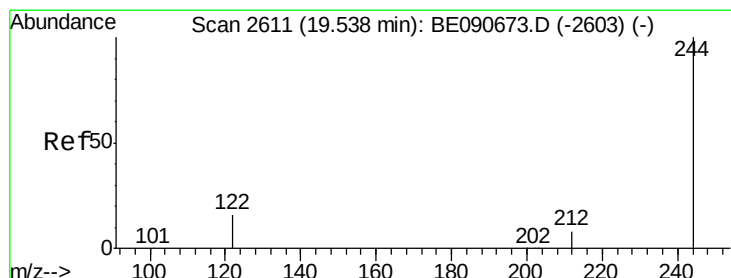
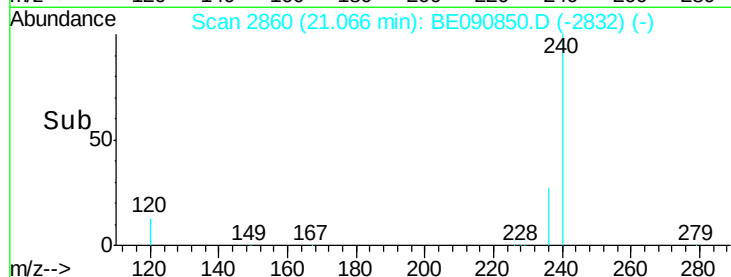
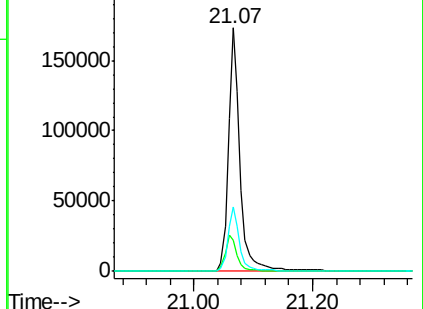
236 26.6 21.9 32.9



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



#27

Terphenyl-d14

Concen: 5.08 ng

RT: 19.52 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

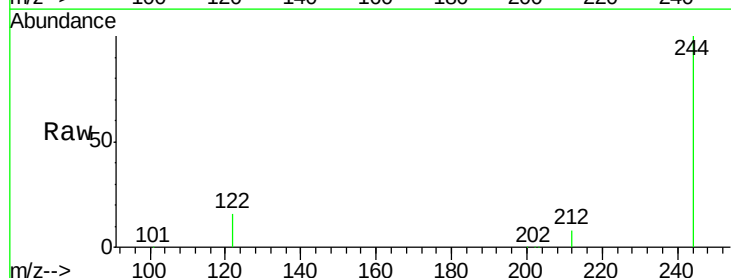
Tgt Ion:244 Resp: 133070

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

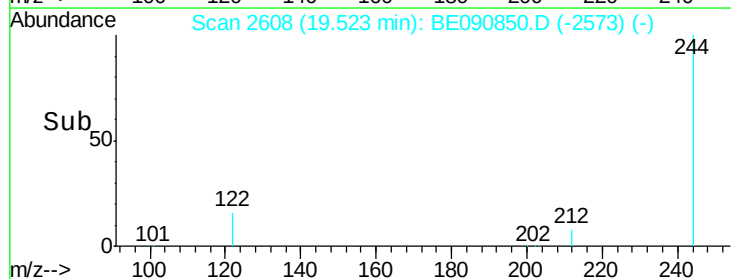
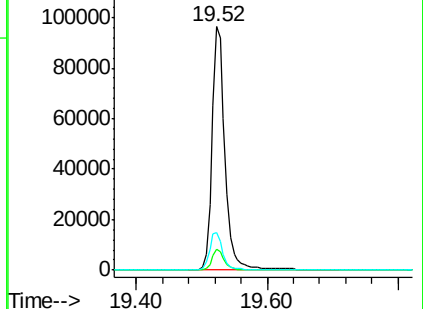
122 15.7 12.9 19.3

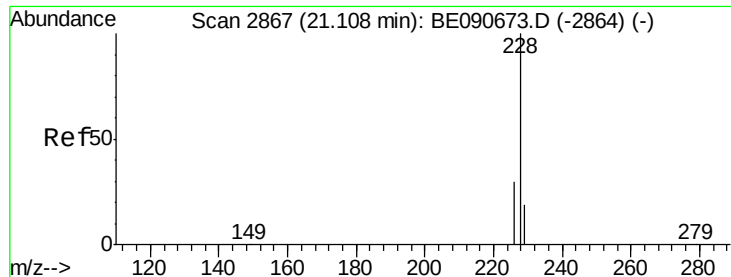


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-U-M

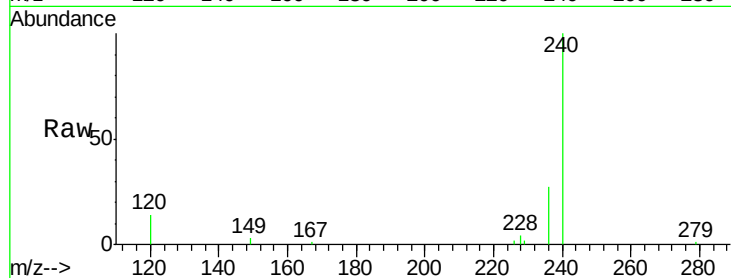
Tot Ion:228 Resp: 341

Ion Ratio Lower Upper

228 100

226 43.4 24.2 36.4#

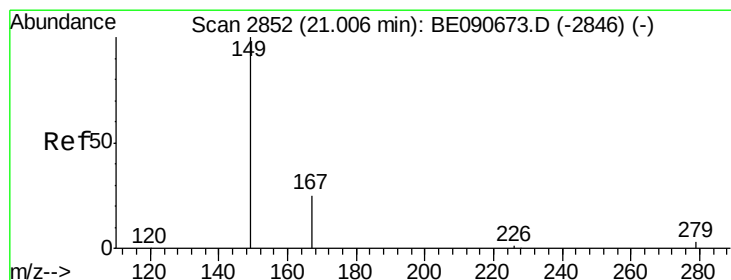
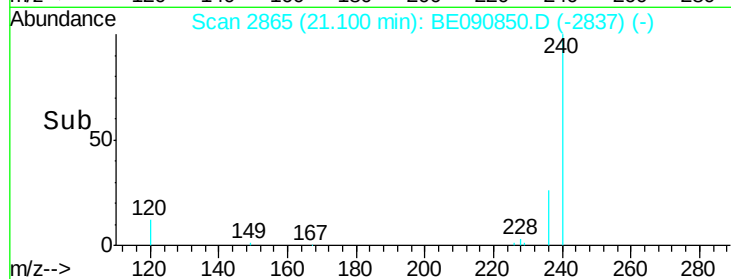
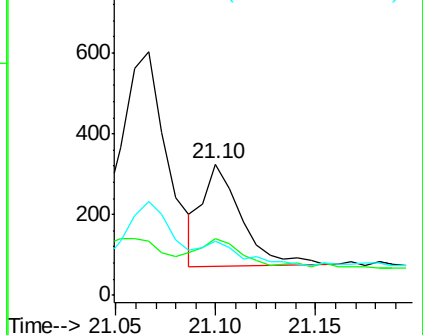
229 40.9 15.3 22.9#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090850.D

Acq: 16 Sep 2015 18:48

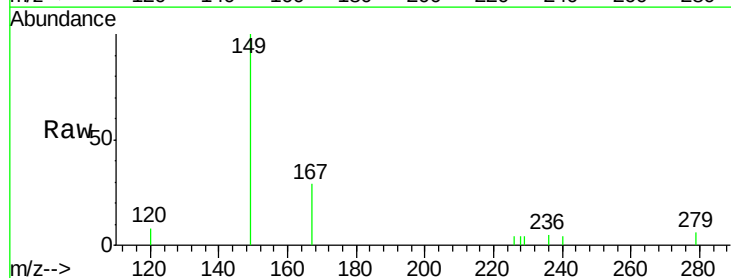
Tgt Ion:149 Resp: 1770

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

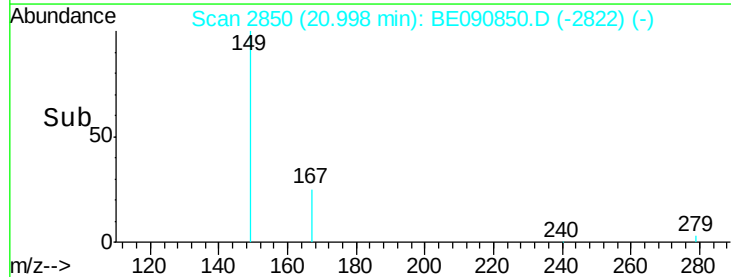
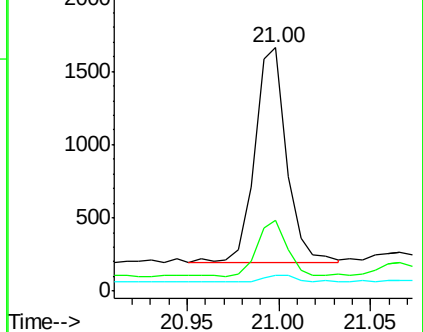
279 4.4 2.3 3.5#

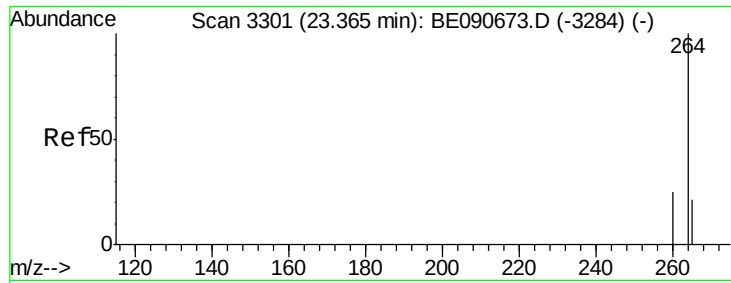


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



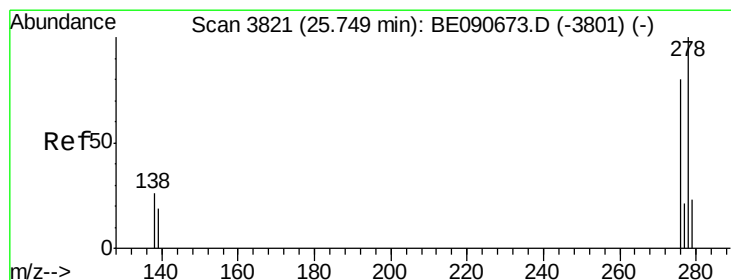
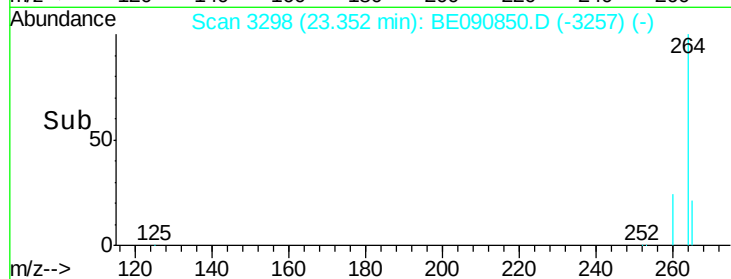
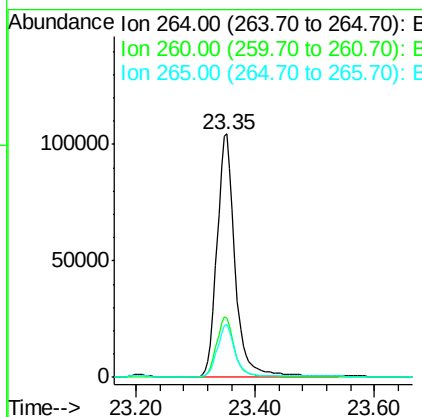
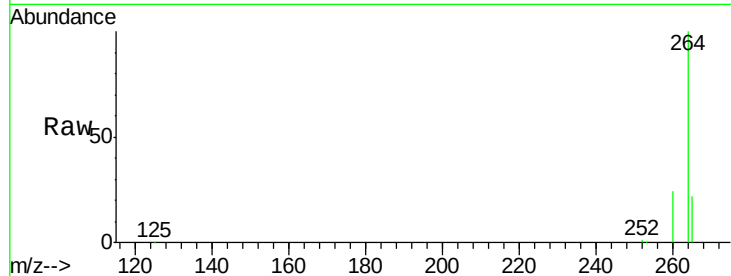


#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090850.D
Acq: 16 Sep 2015 18:48

Instrument :
BNA_E
ClientSampleId :
091415-D534-F-U-M

Tot Ion:264 Resp: 222157

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.7	17.5	26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.72 min Scan# 3815
Delta R.T. -0.03 min
Lab File: BE090850.D
Acq: 16 Sep 2015 18:48

Tgt Ion:278 Resp: 8

Ion	Ratio	Lower	Upper
278	100		
139	137.1	15.4	23.0#
279	118.6	18.8	28.2#

