

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090762.D
 Acq On : 10 Sep 2015 15:41
 Operator : UM/IZ
 Sample : G3598-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-U-M

Quant Time: Sep 11 02:52:17 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

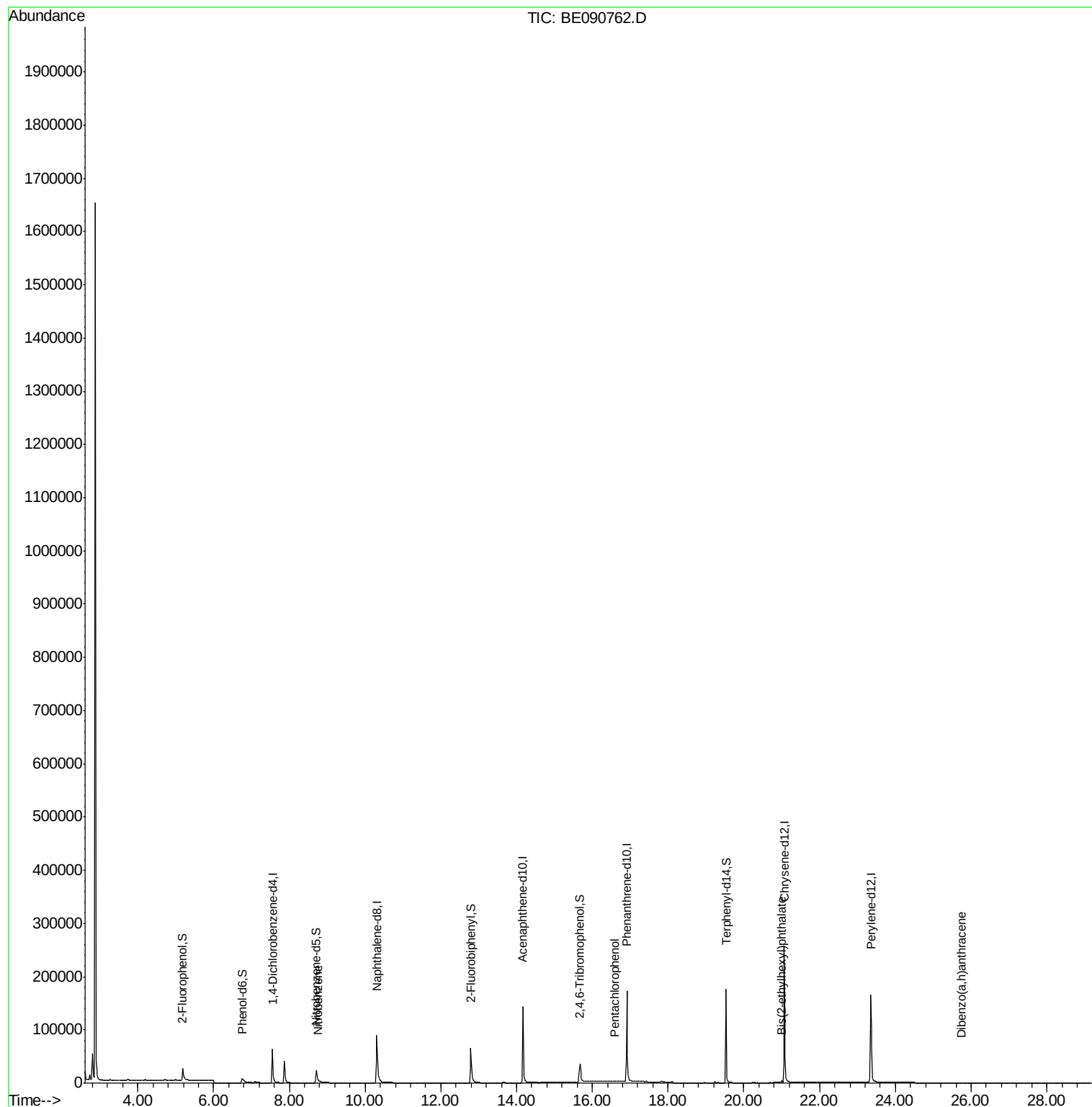
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	39089	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	174369	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92040	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	231192	5.00	ng	0.00
25) Chrysene-d12	21.07	240	271684	5.00	ng	0.00
32) Perylene-d12	23.36	264	242484	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	25523	3.36	ng	0.00
5) Phenol-d6	6.75	99	22186	2.04	ng	0.00
7) Nitrobenzene-d5	8.71	82	43318	3.76	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	20773	7.69	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	101964	4.00	ng	0.00
27) Terphenyl-d14	19.53	244	184819	6.15	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.17	88	63	Below Cal	#	1
3) n-Nitrosodimethylamine	3.45	42	33	Below Cal	#	6
8) Nitrobenzene	8.76	77	16	0.11 ng	#	32
20) Hexachlorobenzene	16.23	284	140	Below Cal	#	37
21) Pentachlorophenol	16.60	266	15	0.46 ng	#	63
29) Chrysene	21.11	228	586	Below Cal	#	72
30) Bis(2-ethylhexyl)phthalate	21.00	149	4321	0.34 ng		97
36) Dibenzo(a,h)anthracene	25.75	278	62	0.14 ng	#	1

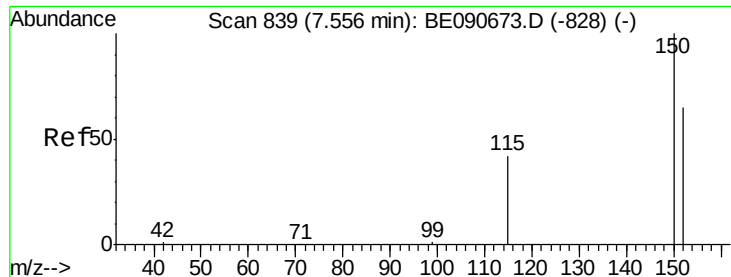
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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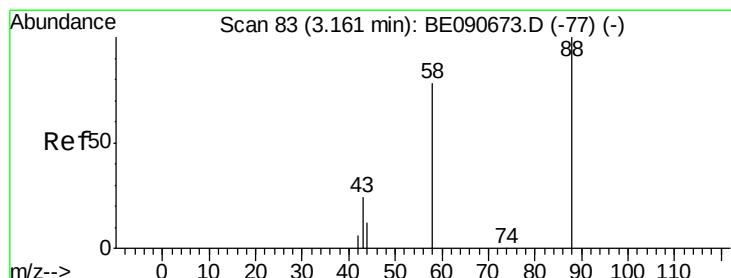
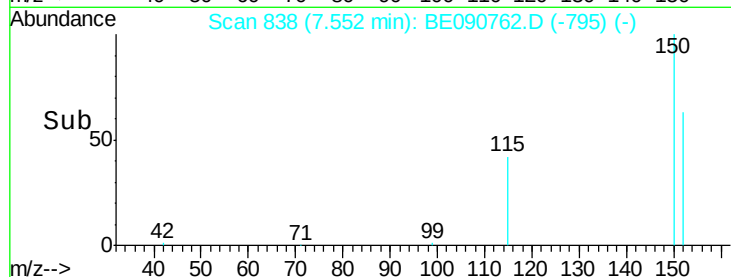
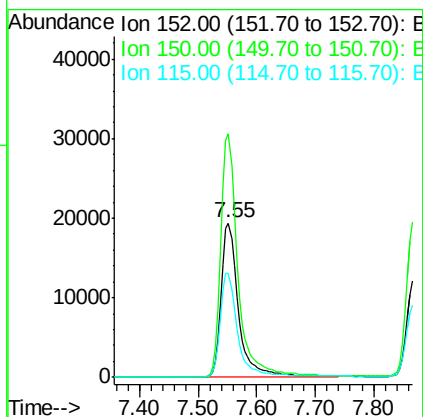
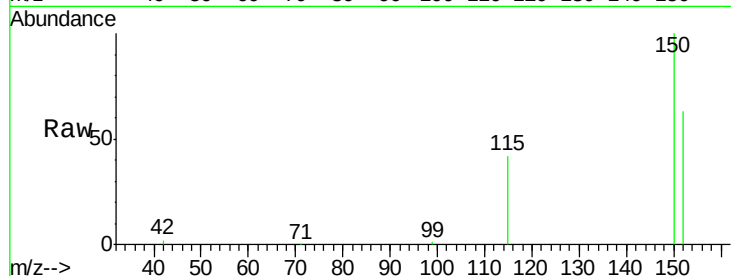


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

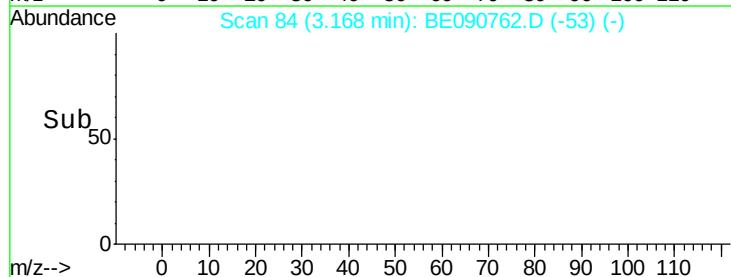
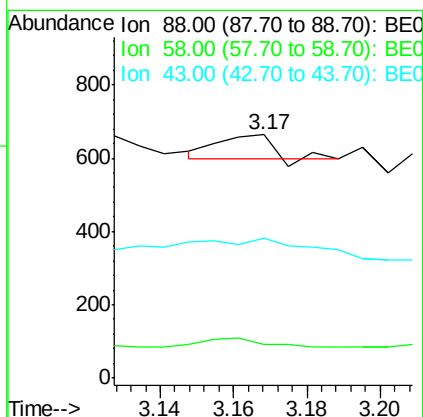
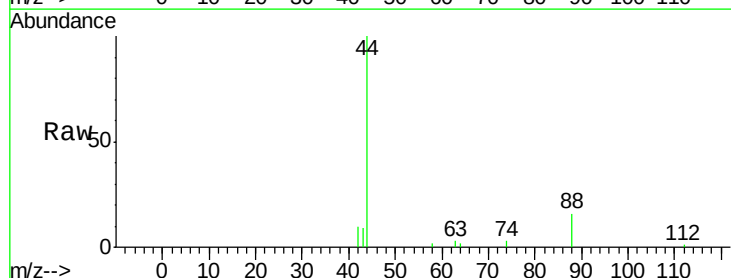
Tot Ion:152 Resp: 39089
Ion Ratio Lower Upper
152 100
150 157.5 122.2 183.4
115 66.9 51.0 76.4

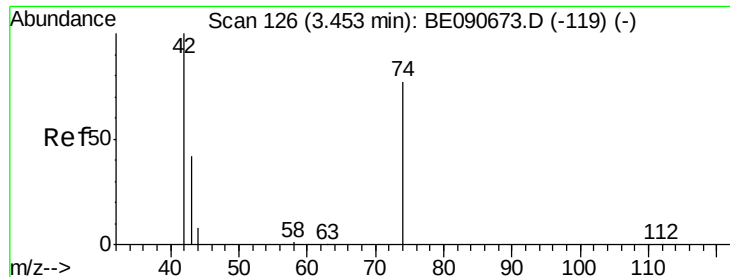


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.17 min Scan# 84
Delta R.T. 0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
58 49.2 68.4 102.6#
43 295.2 26.9 40.3#



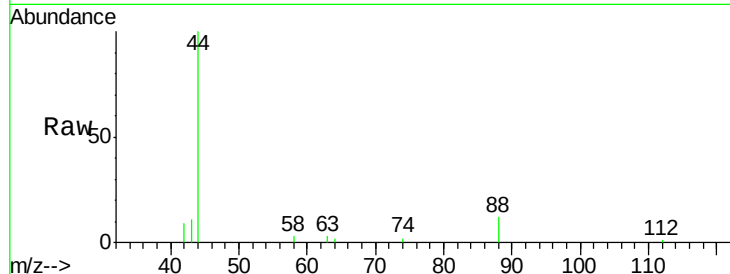


#3

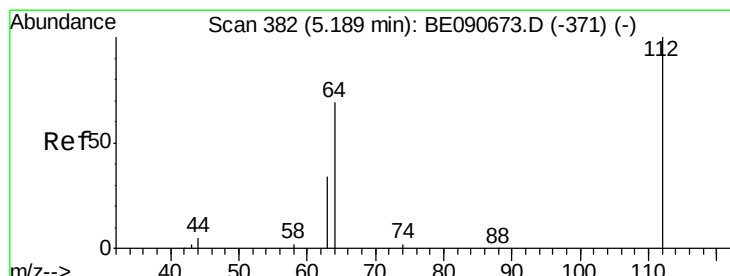
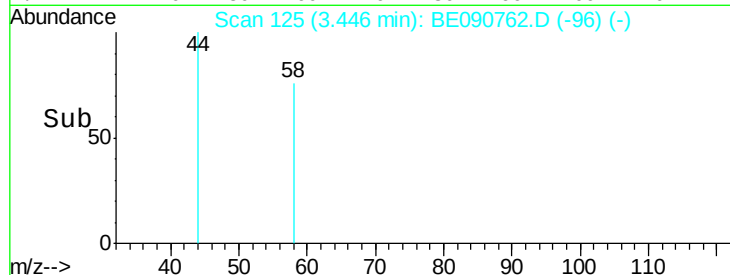
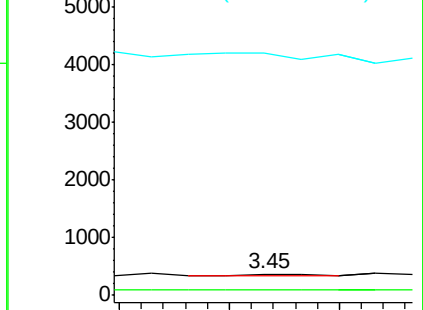
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	0.0	10.0	15.0#



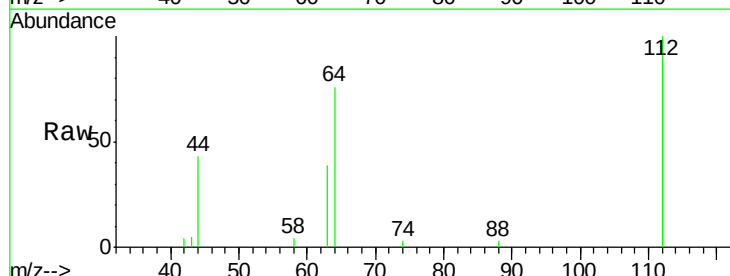
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



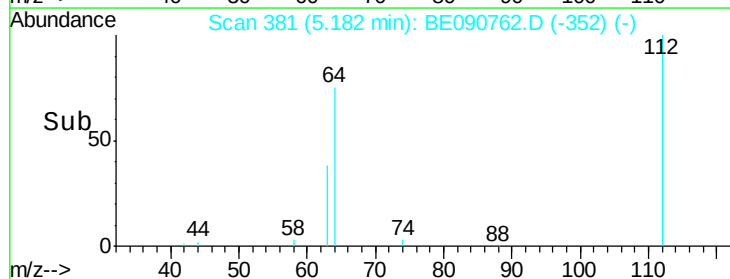
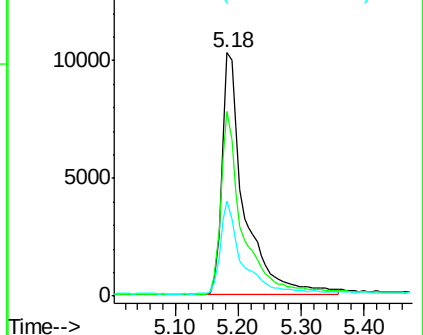
#4

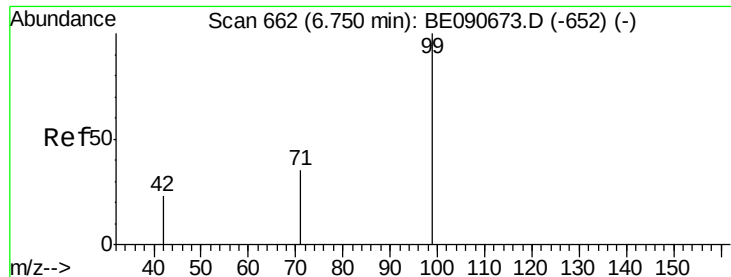
2-Fluorophenol
Concen: 3.36 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	57.3	85.9
63	36.7	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: 2.04 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-M

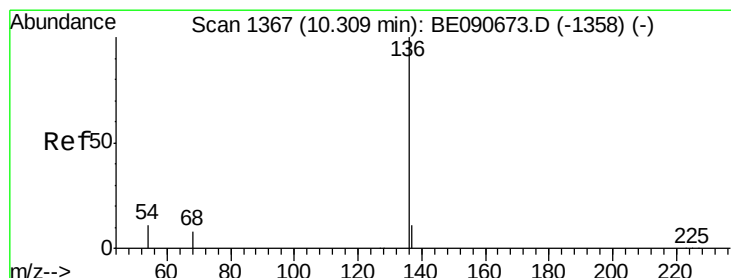
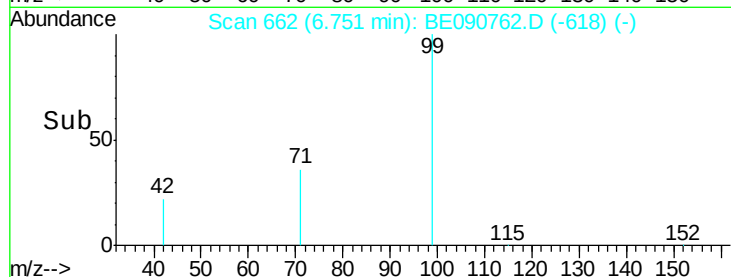
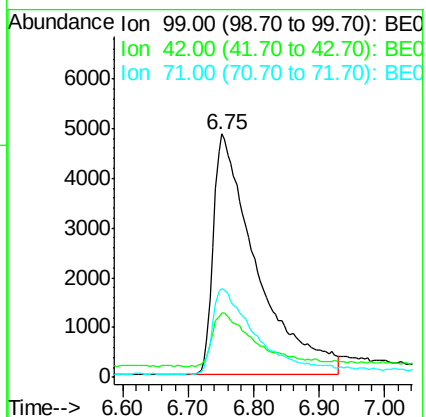
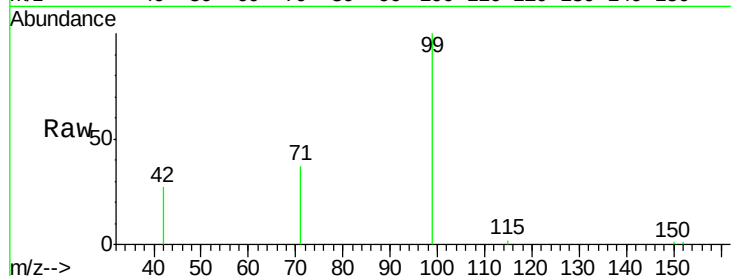
Tot Ion: 99 Resp: 22186

Ion Ratio Lower Upper

99 100

42 21.5 16.8 25.2

71 35.8 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: BE090762.D

Acq: 10 Sep 2015 15:41

Tgt Ion: 136 Resp: 174369

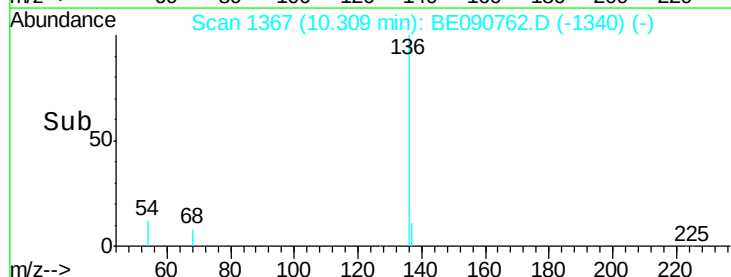
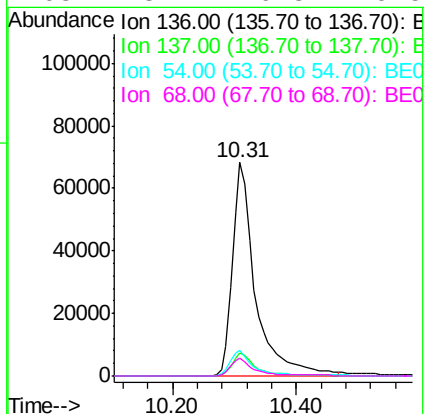
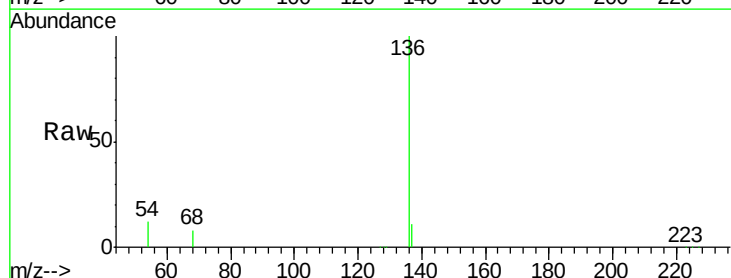
Ion Ratio Lower Upper

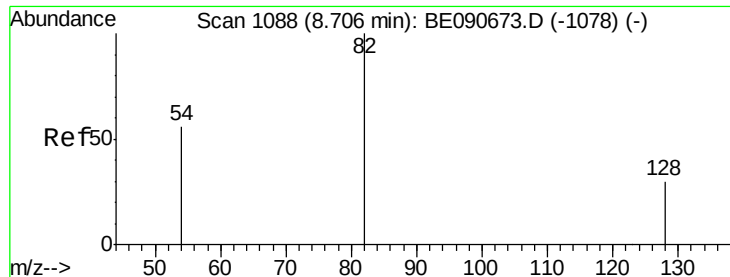
136 100

137 10.8 8.7 13.1

54 11.8 9.0 13.6

68 8.4 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.76 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-M

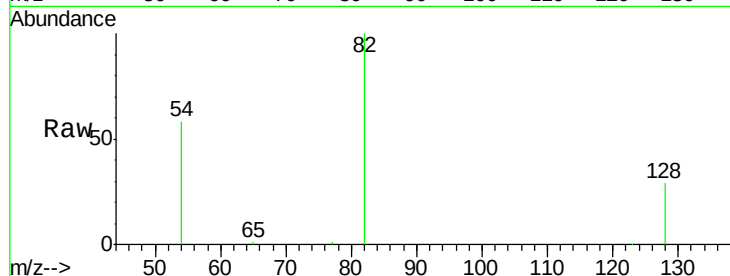
Tot Ion: 82 Resp: 43318

Ion Ratio Lower Upper

82 100

128 29.5 25.0 37.4

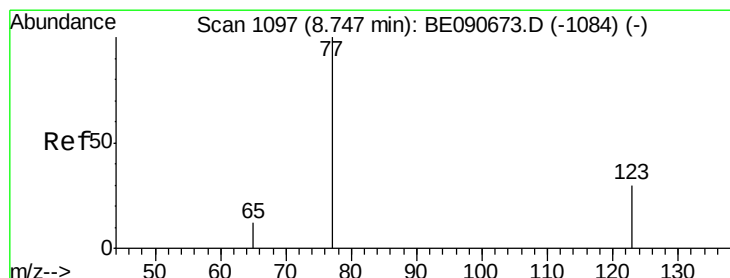
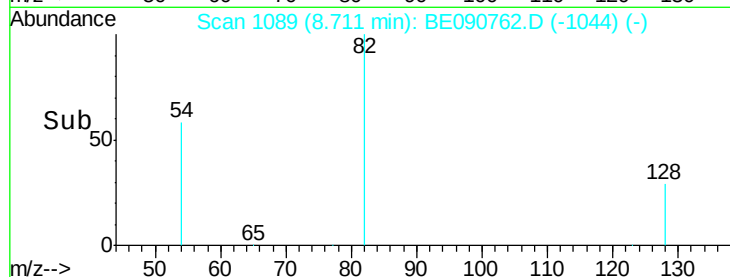
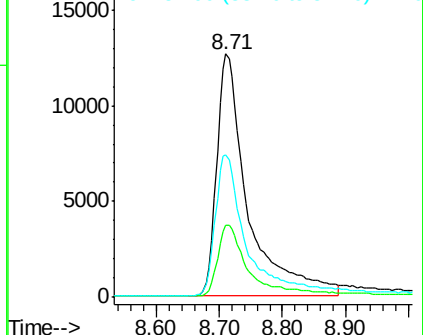
54 58.4 46.3 69.5



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



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

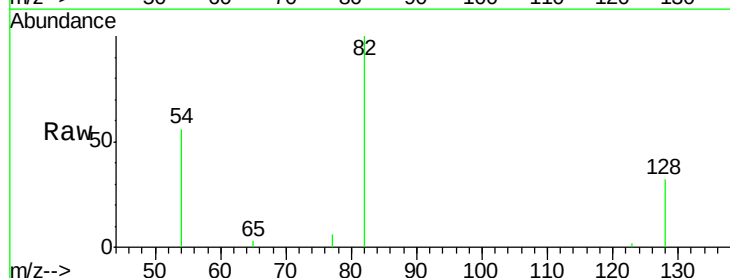
Tgt Ion: 77 Resp: 16

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

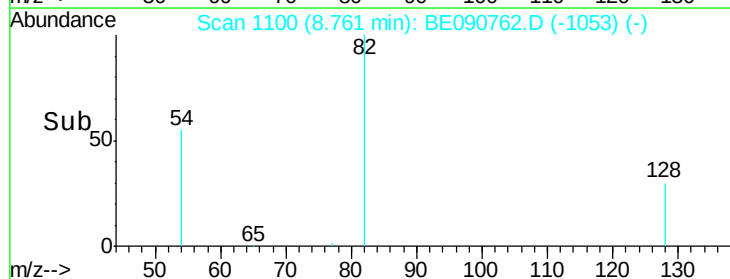
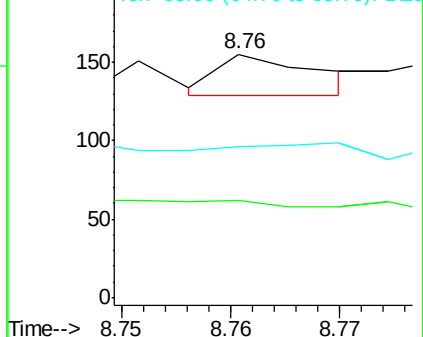
65 50.0 9.9 14.9#

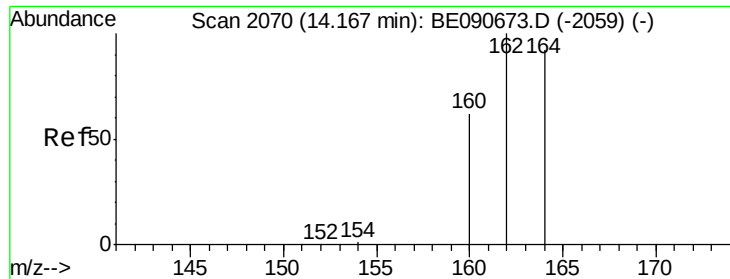


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

Instrument :

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ClientSampleId :

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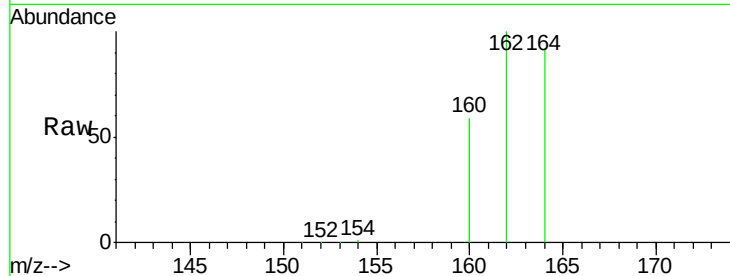
Tot Ion:164 Resp: 92040

Ion Ratio Lower Upper

164 100

162 108.2 86.8 130.2

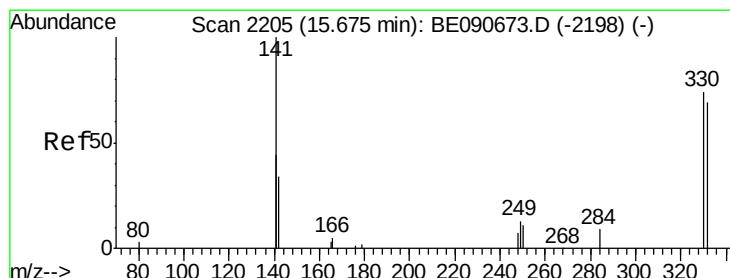
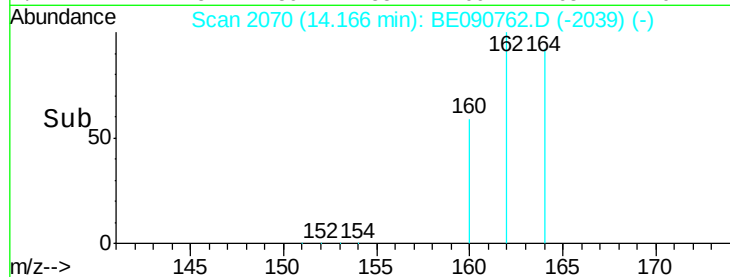
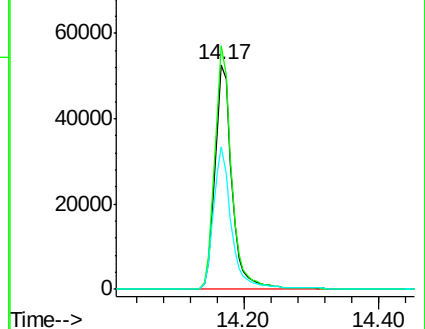
160 63.4 53.9 80.9



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



#13

2,4,6-Tribromophenol

Concen: 7.69 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

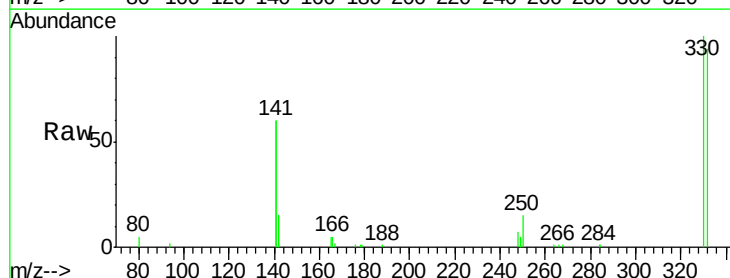
Tgt Ion:330 Resp: 20773

Ion Ratio Lower Upper

330 100

332 95.8 74.9 112.3

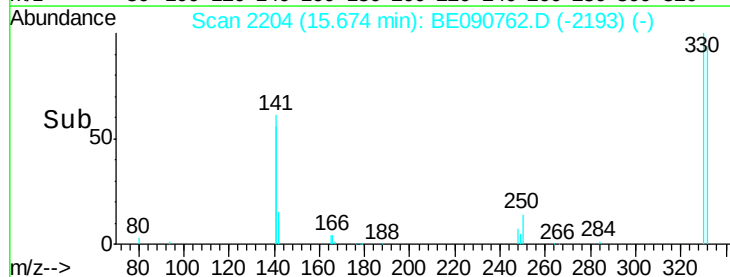
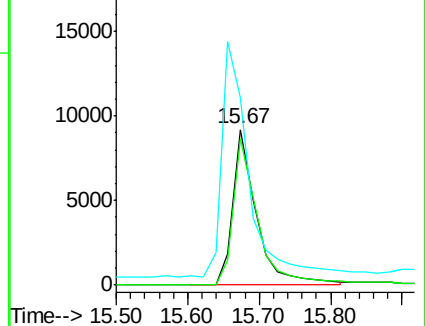
141 175.5 145.2 217.8

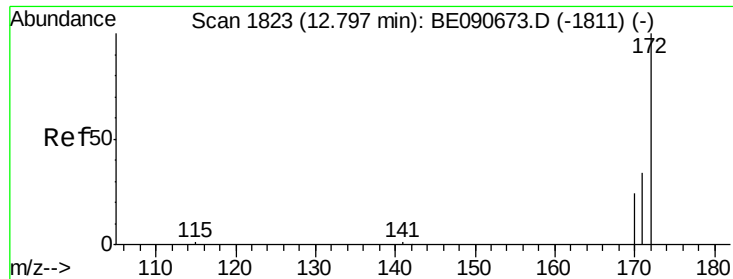


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

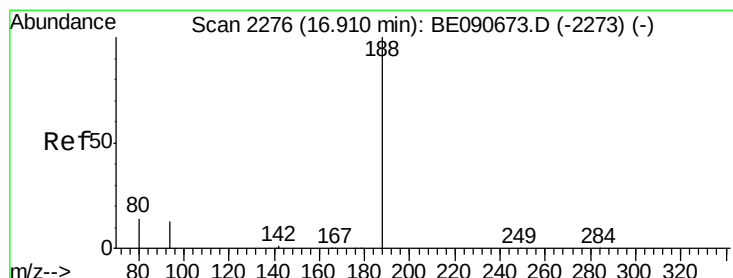
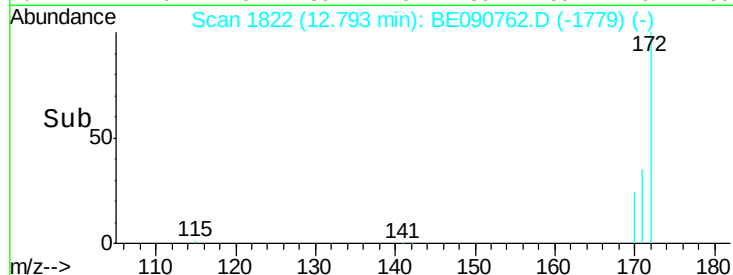
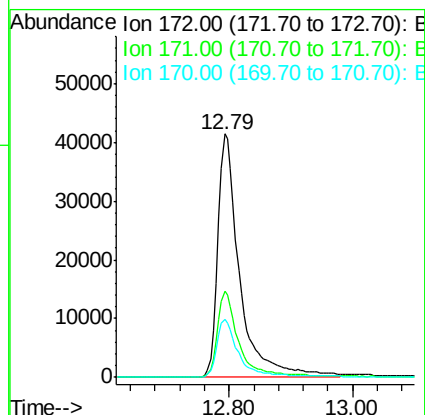
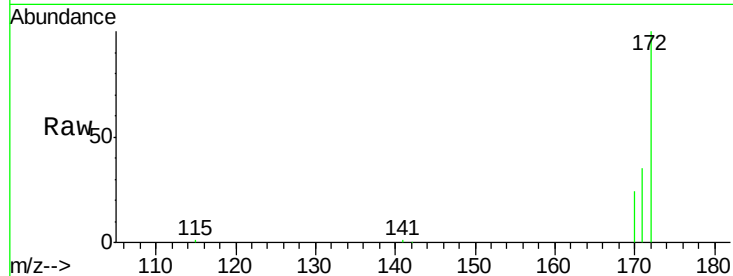




#14
2-Fluorobiphenyl
Concen: 4.00 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

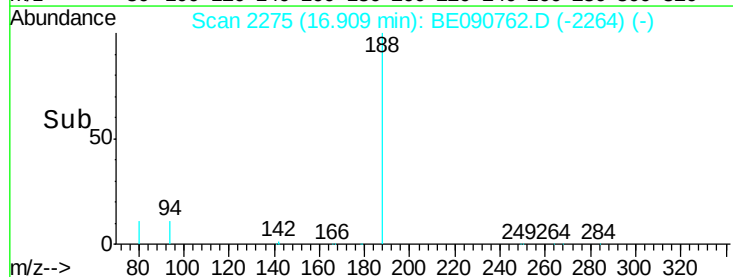
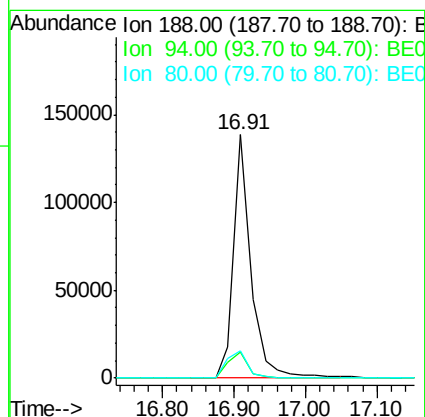
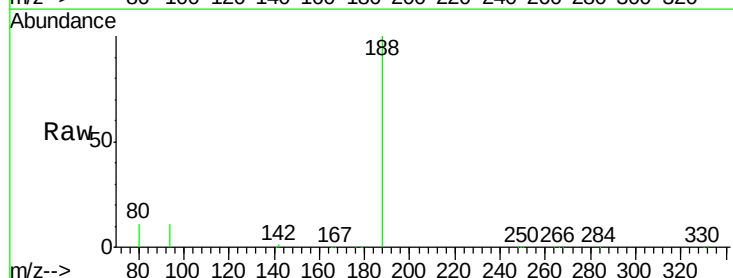
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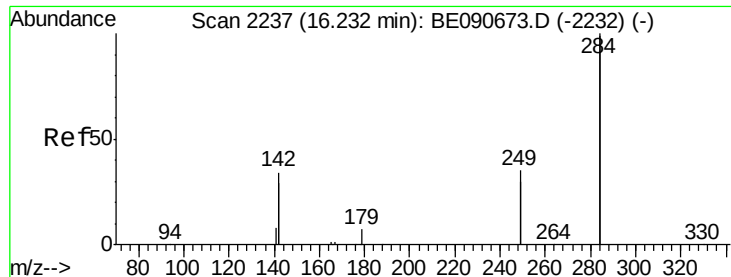
Tot Ion:172 Resp: 101964
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.9 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:188 Resp: 231192
Ion Ratio Lower Upper
188 100
94 10.8 10.3 15.5
80 11.4 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-M

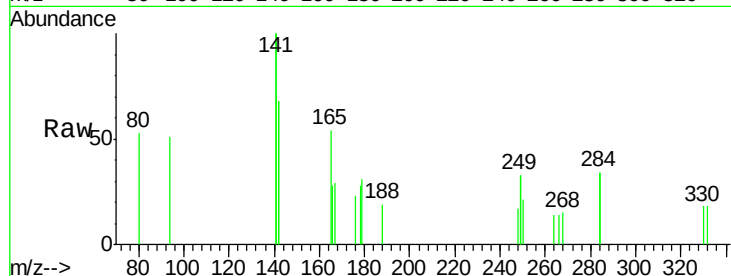
Tot Ion:284 Resp: 140

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

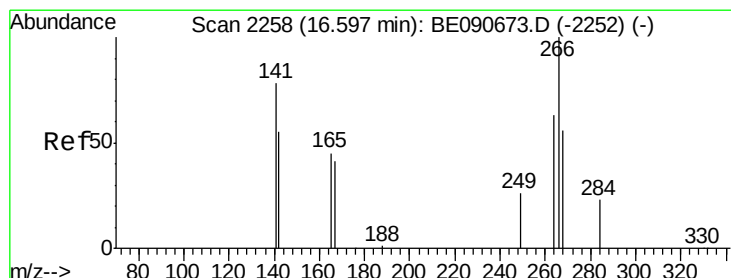
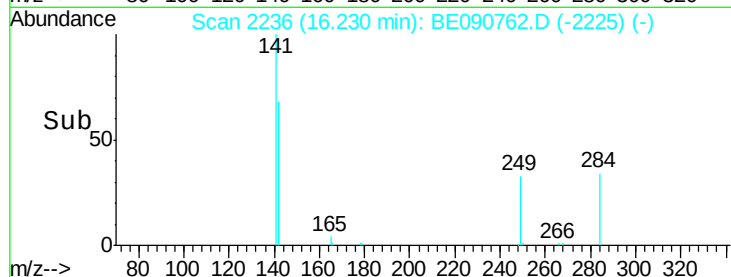
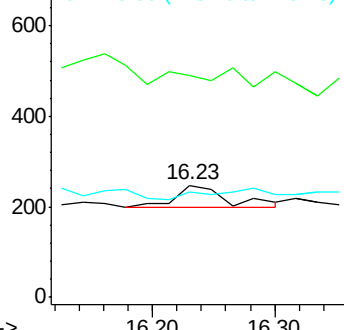
249 0.0 25.5 38.3#



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# 2257

Delta R.T. -0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

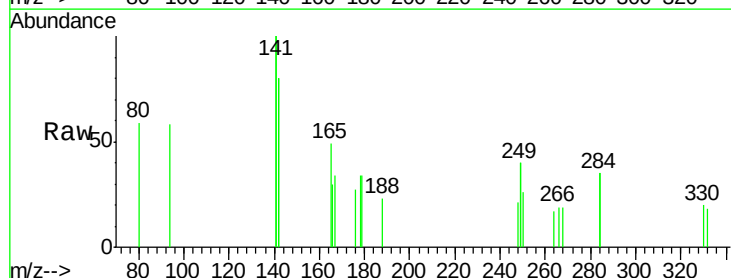
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

268 98.3 49.6 74.4#

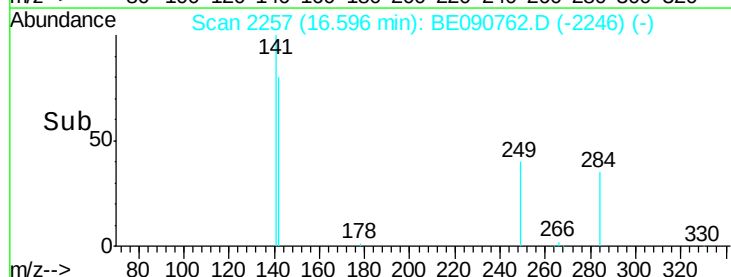
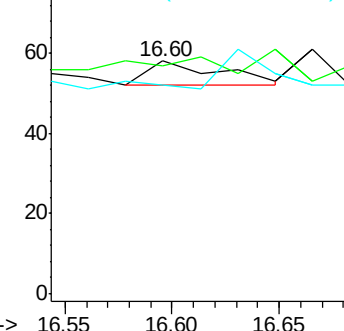
264 89.7 53.9 80.9#

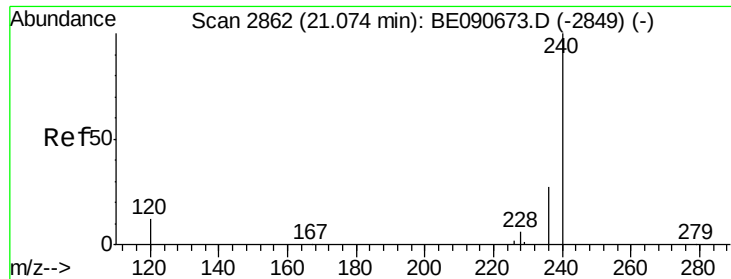


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2860

Delta R.T. -0.01 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-M

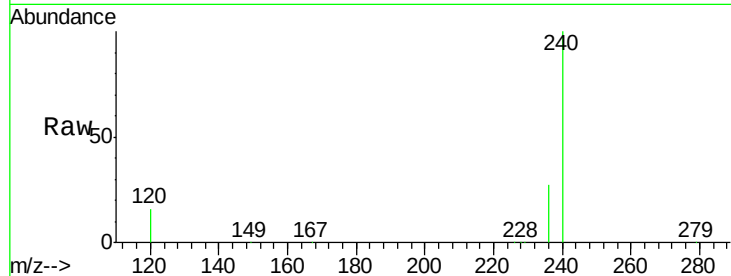
Tot Ion:240 Resp: 271684

Ion Ratio Lower Upper

240 100

120 15.6 10.1 15.1#

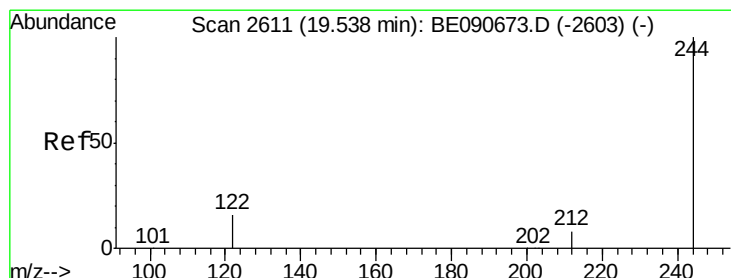
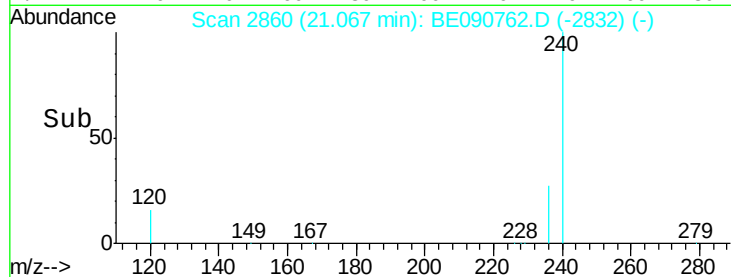
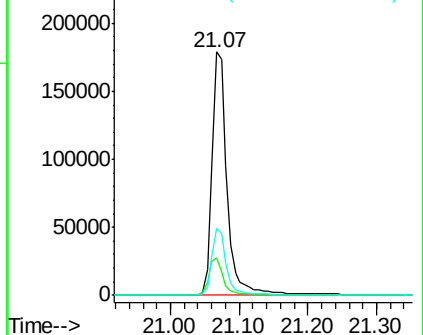
236 27.4 21.9 32.9



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: 6.15 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

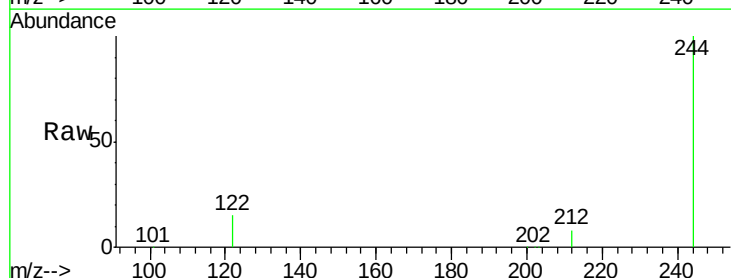
Tgt Ion:244 Resp: 184819

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

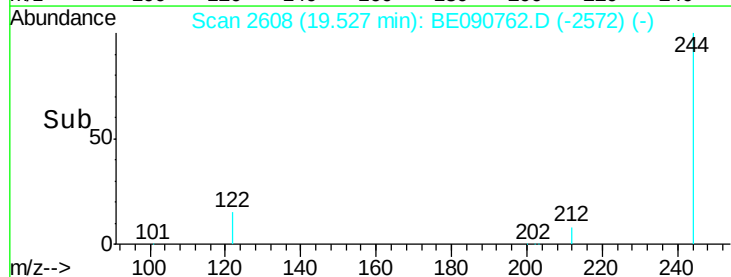
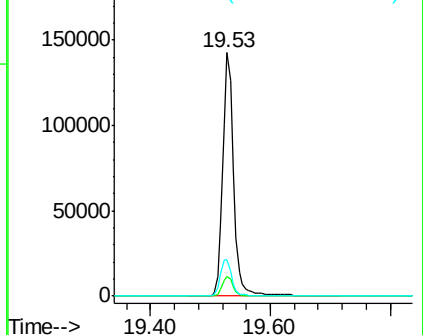
122 15.0 12.9 19.3

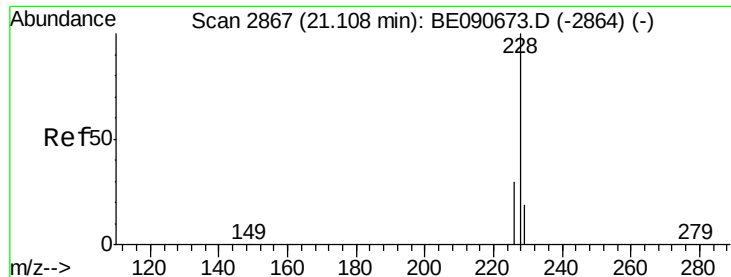


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-U-M

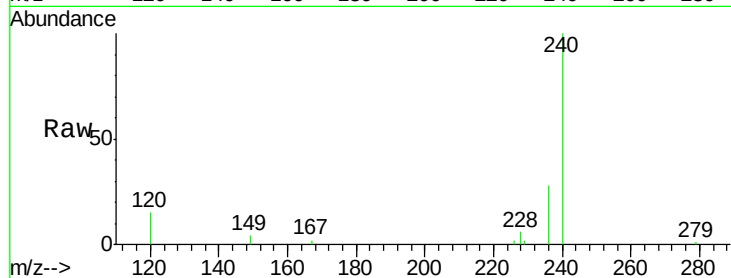
Tot Ion:228 Resp: 586

Ion Ratio Lower Upper

228 100

226 39.6 24.2 36.4#

229 39.1 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

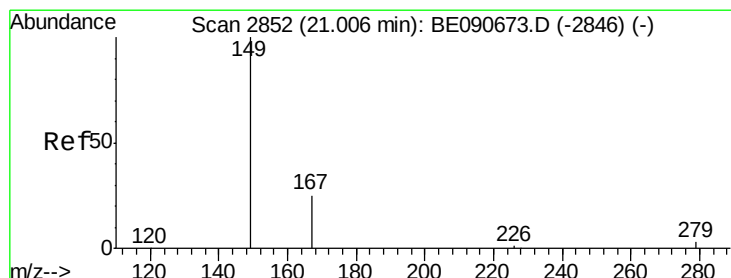
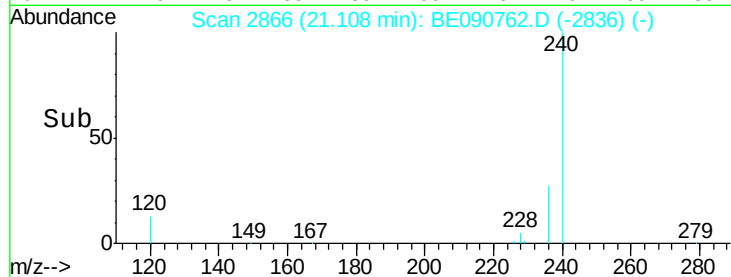
Ion 229.00 (228.70 to 229.70): E

Time-->

21.11

21.10

21.20



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090762.D

Acq: 10 Sep 2015 15:41

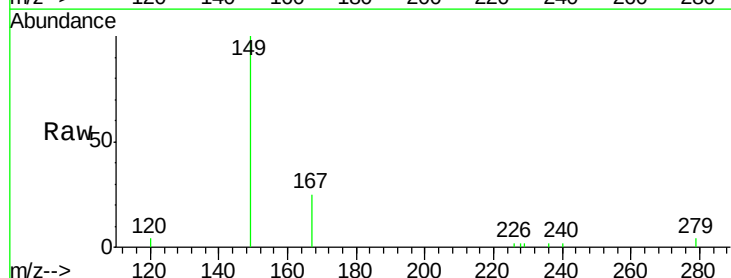
Tgt Ion:149 Resp: 4321

Ion Ratio Lower Upper

149 100

167 23.2 20.1 30.1

279 3.3 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

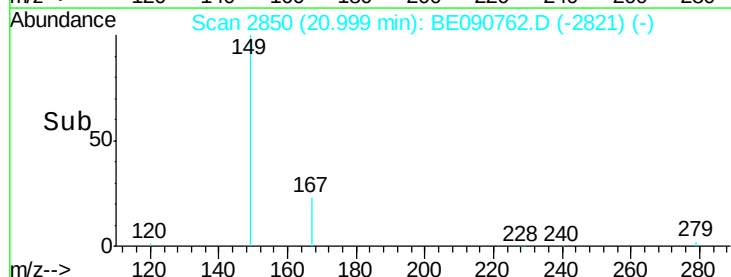
Ion 279.00 (278.70 to 279.70): E

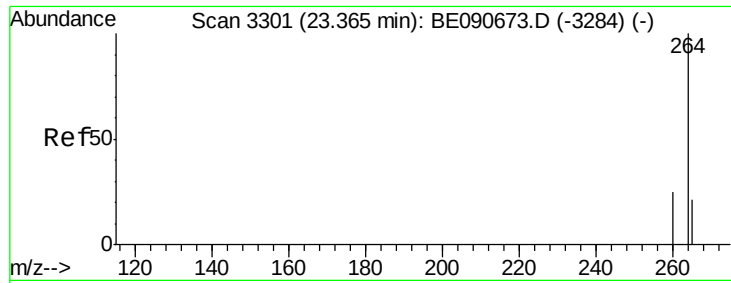
Time-->

21.00

20.95

21.05



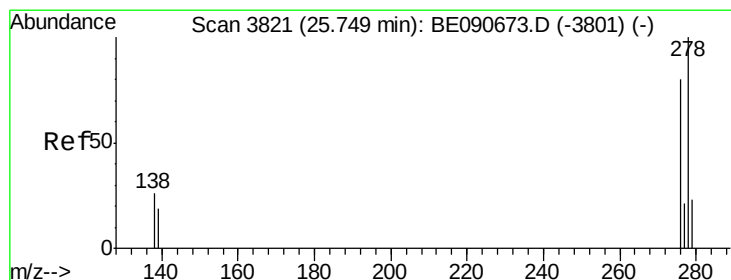
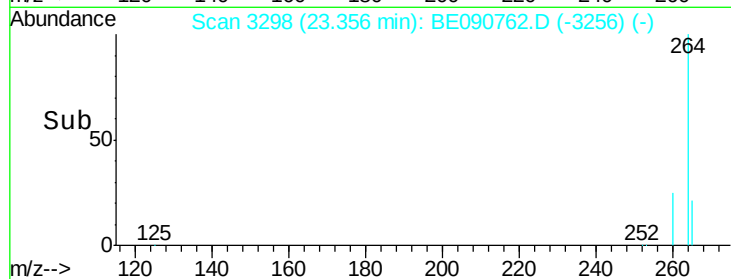
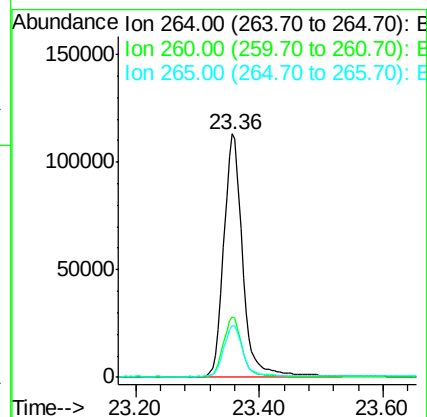
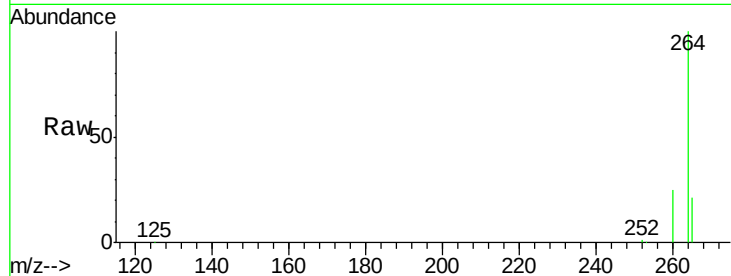


#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tot Ion:264 Resp: 242484

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.5	17.5	26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3820
Delta R.T. 0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:278 Resp: 62

Ion	Ratio	Lower	Upper
278	100		
139	113.7	15.4	23.0#
279	109.5	18.8	28.2#

