

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091115\
 Data File : BE090793.D
 Acq On : 11 Sep 2015 20:19
 Operator : UM/IZ
 Sample : G3635-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-S

Quant Time: Sep 11 23:14:54 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	46661	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	211494	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	111903	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	275602	5.00	ng	0.00
25) Chrysene-d12	21.07	240	335142	5.00	ng	0.00
32) Perylene-d12	23.36	264	301902	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	25059	2.77	ng	0.00
5) Phenol-d6	6.75	99	19405	1.49	ng	0.00
7) Nitrobenzene-d5	8.71	82	43020	3.08	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	18870	5.79	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	96236	3.11	ng	0.00
27) Terphenyl-d14	19.53	244	162017	4.37	ng	0.00

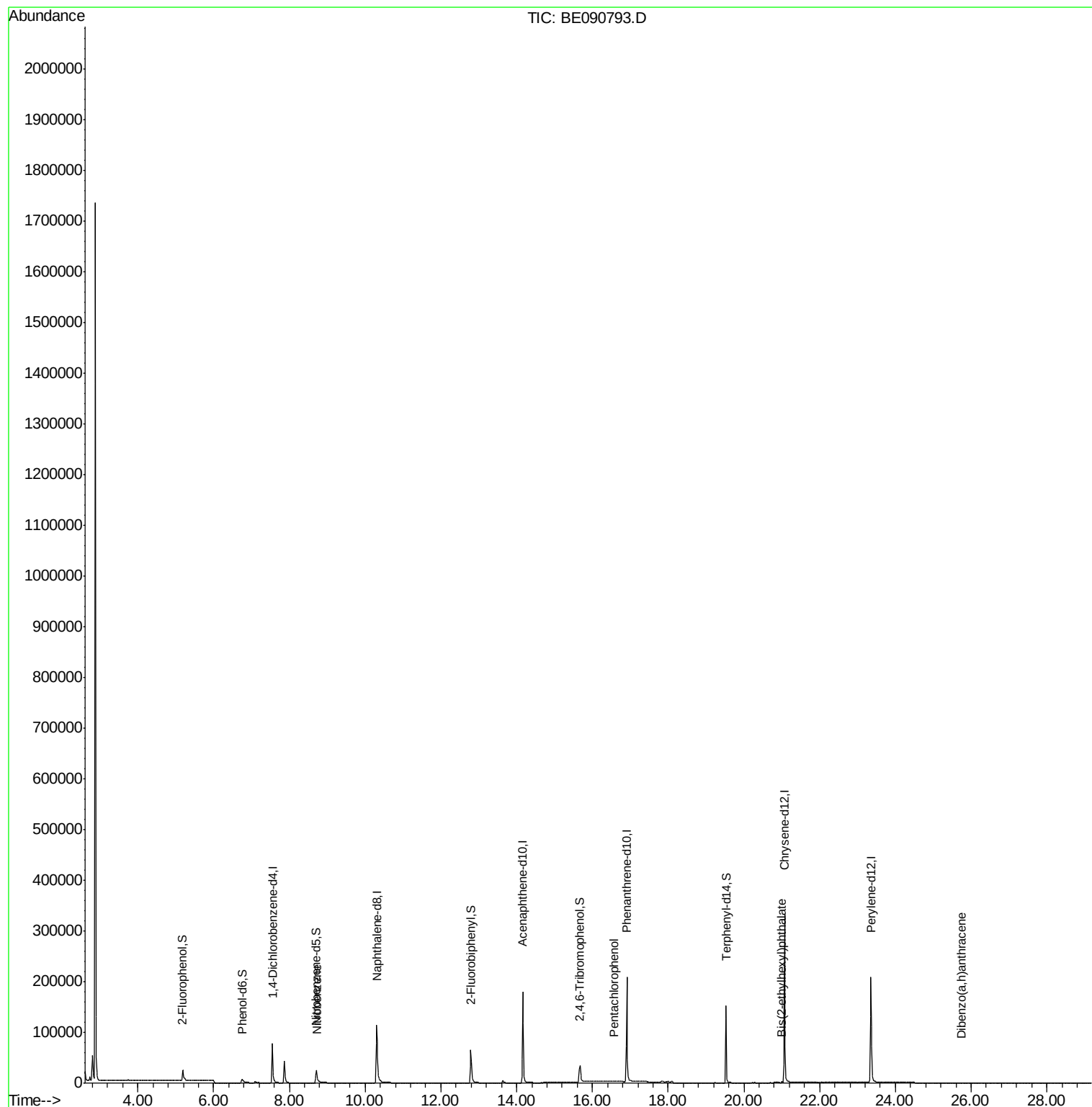
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	309	Below Cal	#	24
3) n-Nitrosodimethylamine	3.43	42	54	Below Cal	#	1
8) Nitrobenzene	8.75	77	18	0.11 ng	#	42
20) Hexachlorobenzene	16.23	284	132	Below Cal	#	1
21) Pentachlorophenol	16.56	266	6	0.46 ng	#	68
28) Benzo(a)anthracene	21.07	228	1091	Below Cal	#	79
29) Chrysene	21.07	228	1091	Below Cal	#	76
30) Bis(2-ethylhexyl)phthalate	21.00	149	1752	0.15 ng		97
36) Dibenzo(a,h)anthracene	25.74	278	8	0.14 ng	#	1

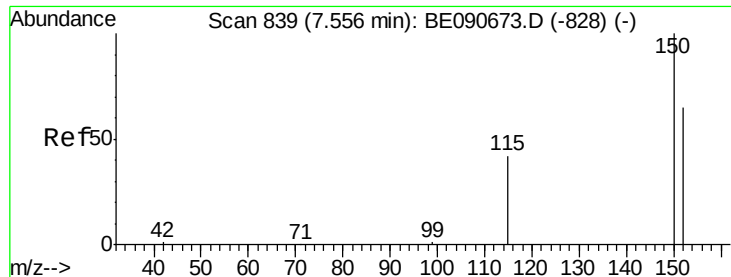
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

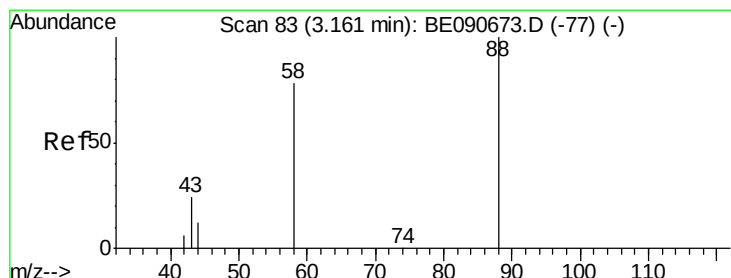
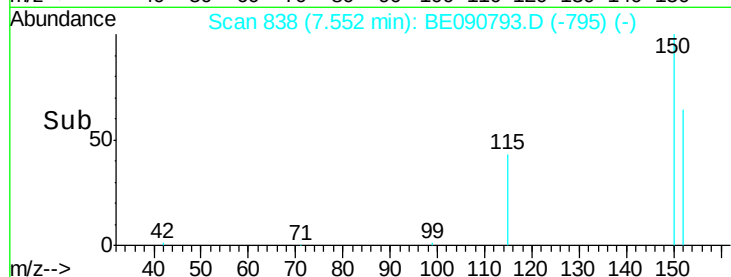
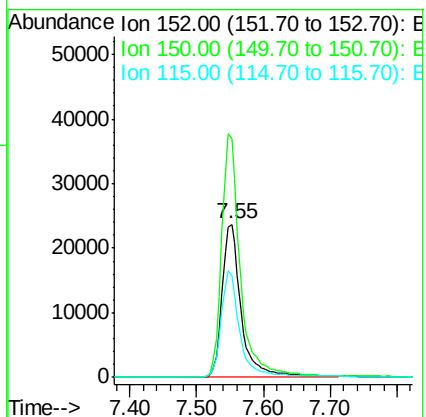
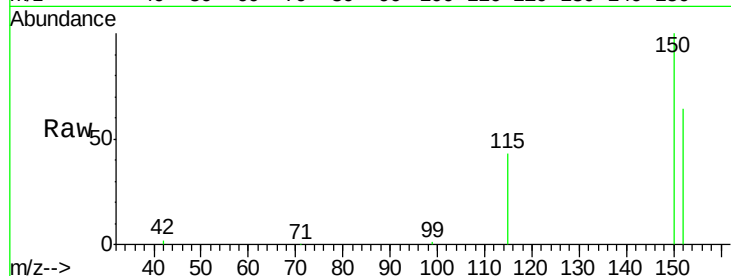
Tot Ion:152 Resp: 46661

Ion Ratio Lower Upper

152 100

150 155.7 122.2 183.4

115 66.5 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: BE090793.D

Acq: 11 Sep 2015 20:19

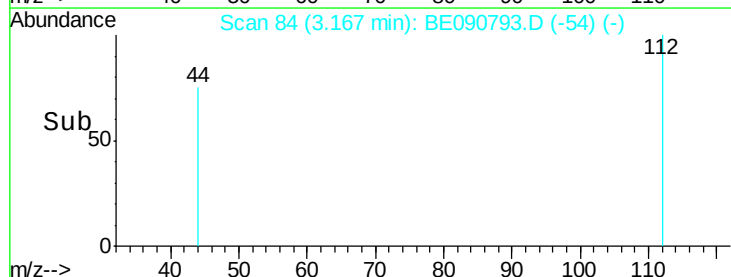
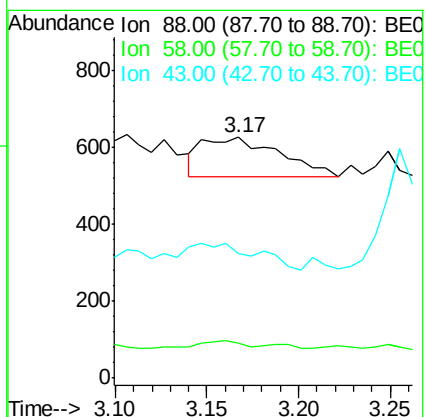
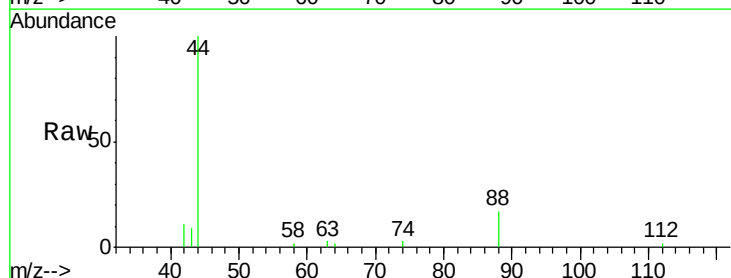
Tgt Ion: 88 Resp: 309

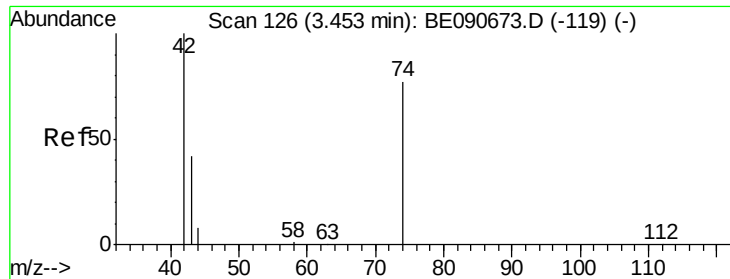
Ion Ratio Lower Upper

88 100

58 10.0 68.4 102.6#

43 0.0 26.9 40.3#



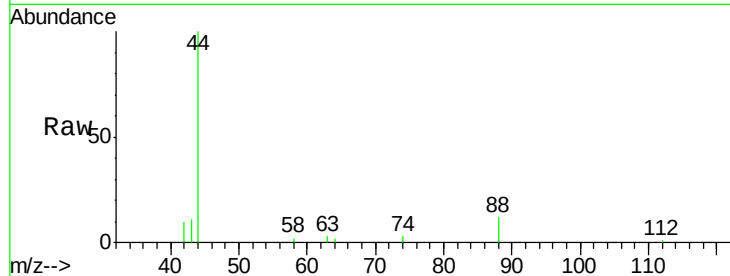


#3

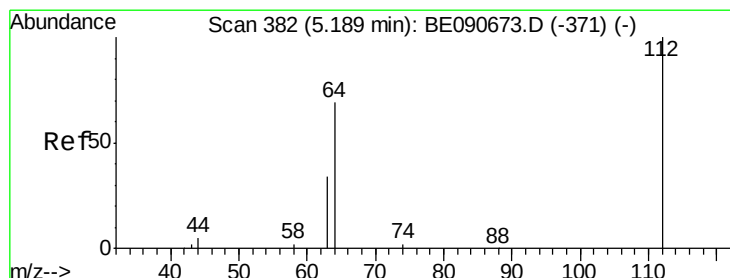
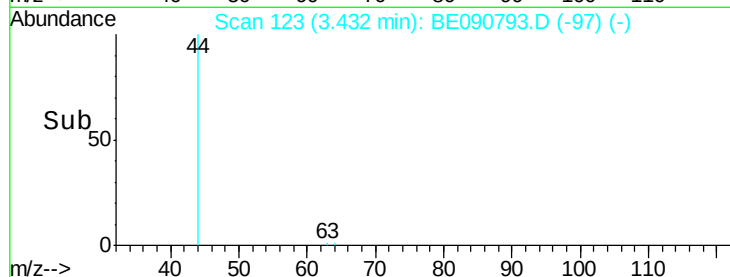
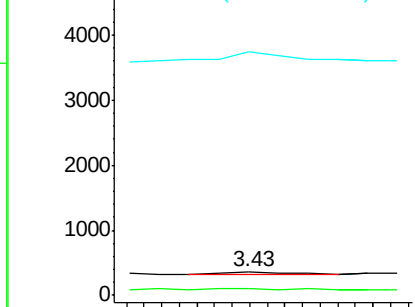
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 123
Delta R.T. -0.02 min
Lab File: BE090793.D
Acq: 11 Sep 2015 20:19

Instrument :
BNA_E
ClientSampleId :
091015-D534-F-D-S

Tot Ion: 42 Resp: 54
Ion Ratio Lower Upper
42 100
74 20.4 83.7 125.5#
44 233.3 10.0 15.0#



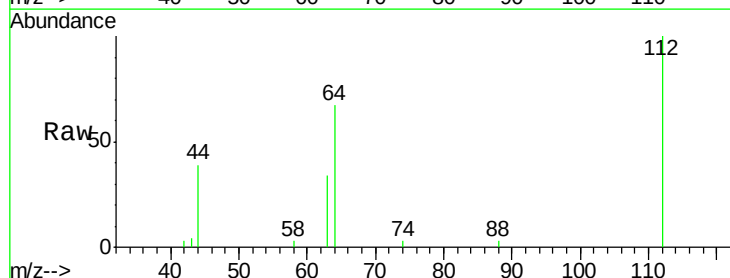
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



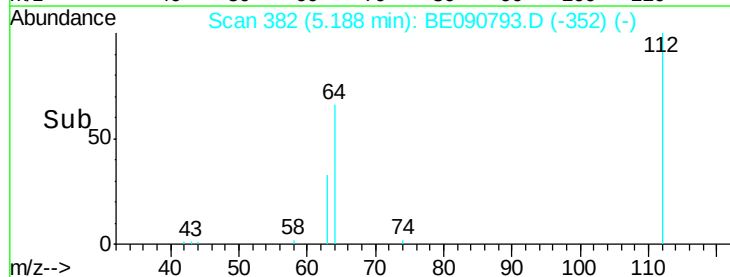
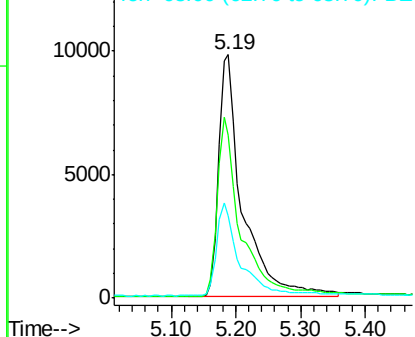
#4

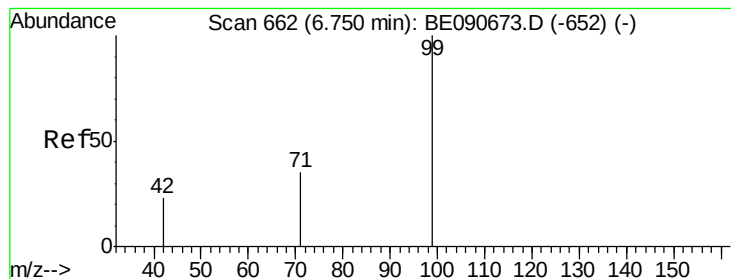
2-Fluorophenol
Concen: 2.77 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090793.D
Acq: 11 Sep 2015 20:19

Tgt Ion: 112 Resp: 25059
Ion Ratio Lower Upper
112 100
64 72.3 57.3 85.9
63 37.4 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: 1.49 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

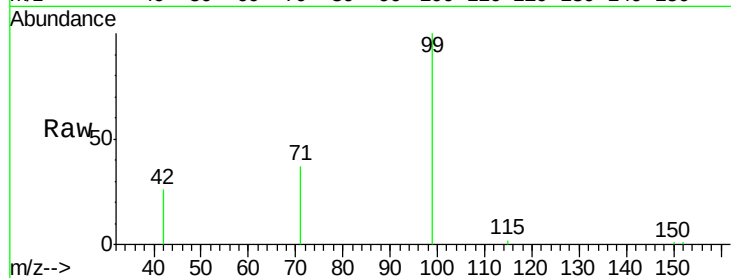
Tot Ion: 99 Resp: 19405

Ion Ratio Lower Upper

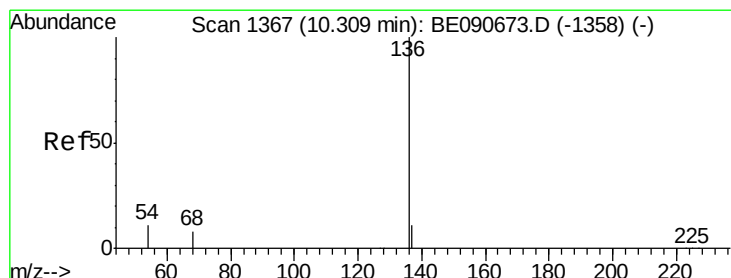
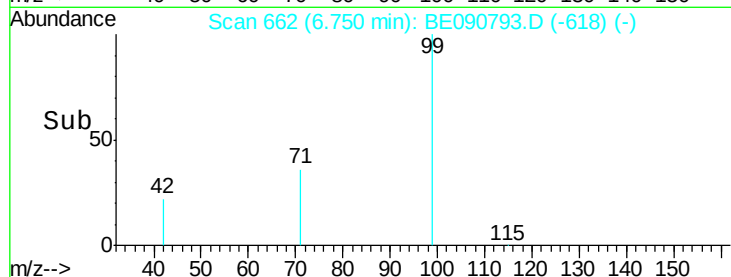
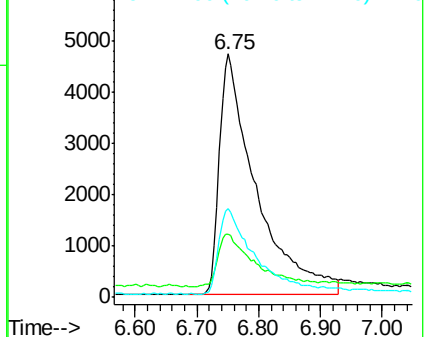
99 100

42 22.3 16.8 25.2

71 35.1 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: BE090793.D

Acq: 11 Sep 2015 20:19

Tgt Ion: 136 Resp: 211494

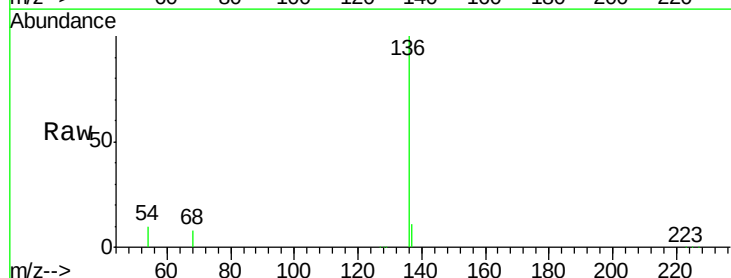
Ion Ratio Lower Upper

136 100

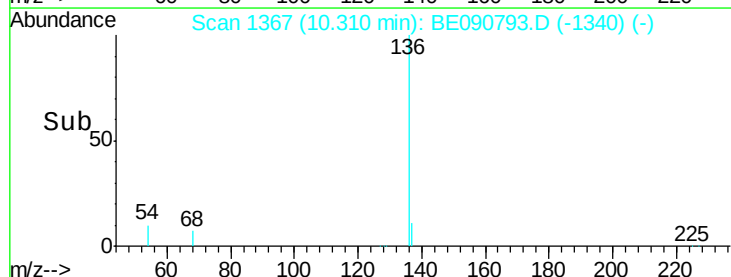
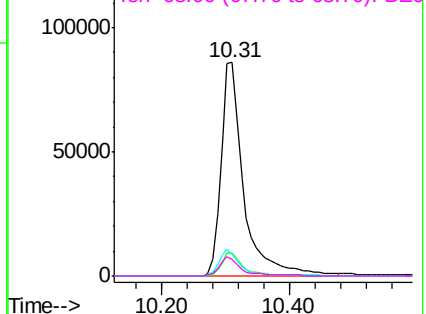
137 11.0 8.7 13.1

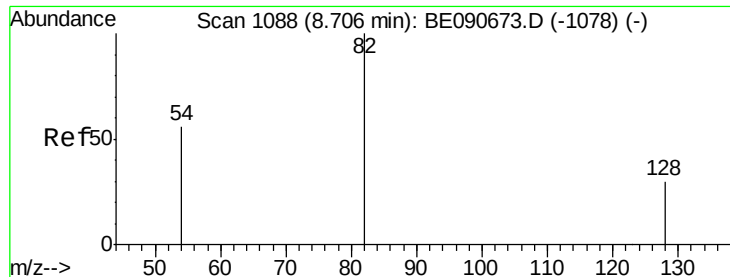
54 10.3 9.0 13.6

68 7.6 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: 3.08 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

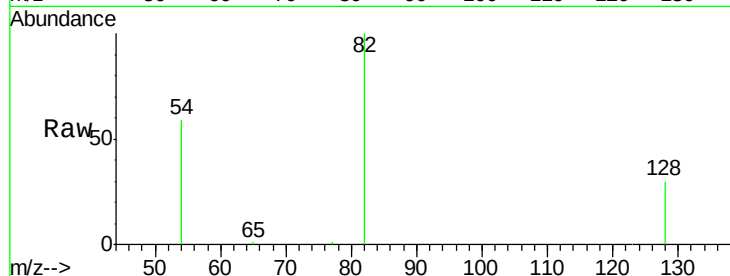
Tot Ion: 82 Resp: 43020

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.4

54 58.5 46.3 69.5

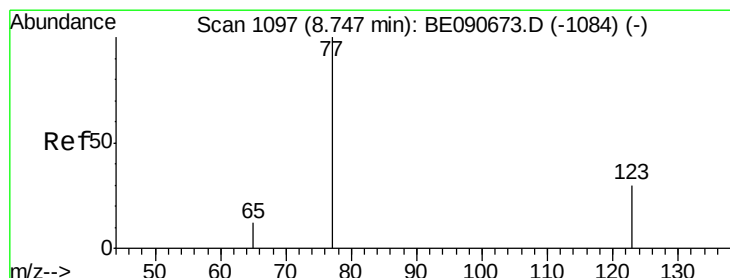
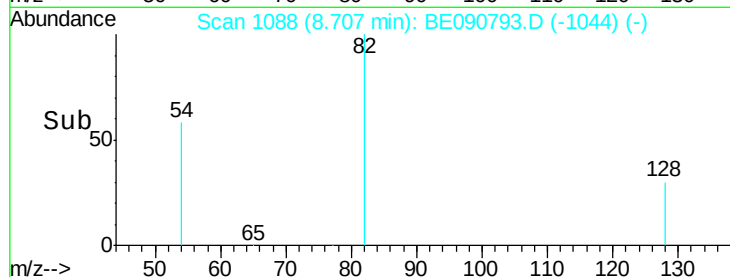


Abundance Ion 82.00 (81.70 to 82.70): BE090793.D (-1078) (-)

Ion 128.00 (127.70 to 128.70): BE090793.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090793.D (-1078) (-)

Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

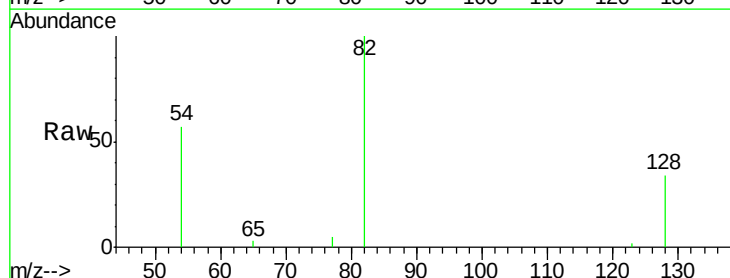
Tgt Ion: 77 Resp: 18

Ion Ratio Lower Upper

77 100

123 16.7 25.1 37.7#

65 66.7 9.9 14.9#

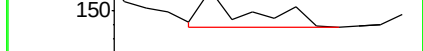
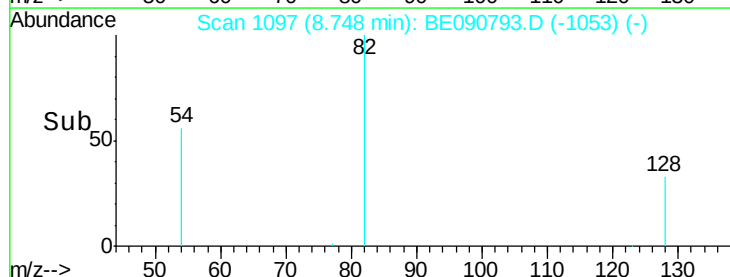


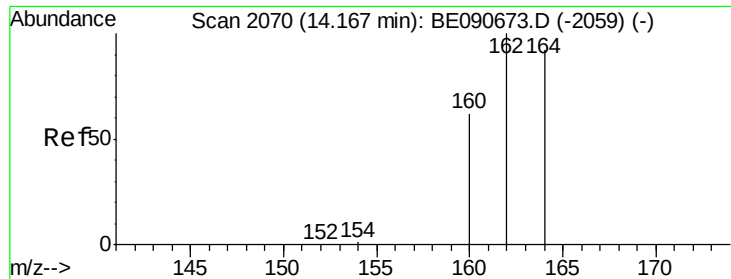
Abundance Ion 77.00 (76.70 to 77.70): BE090793.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090793.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090793.D (-1084) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

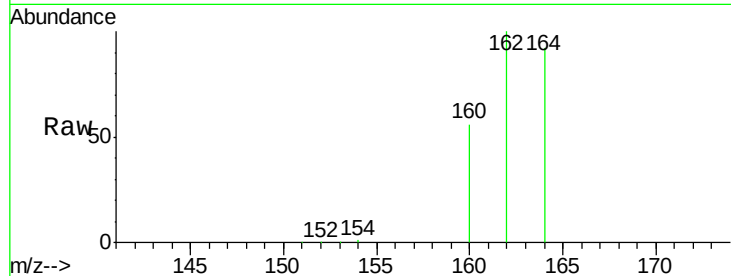
Tot Ion:164 Resp: 111903

Ion Ratio Lower Upper

164 100

162 109.1 86.8 130.2

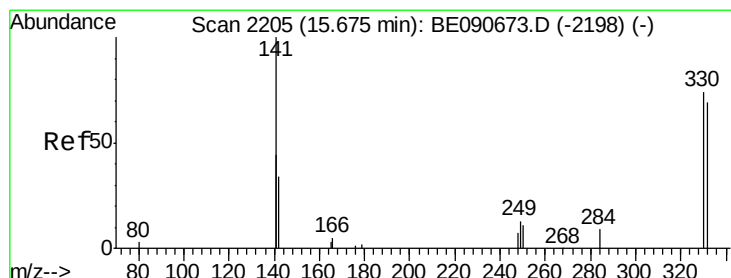
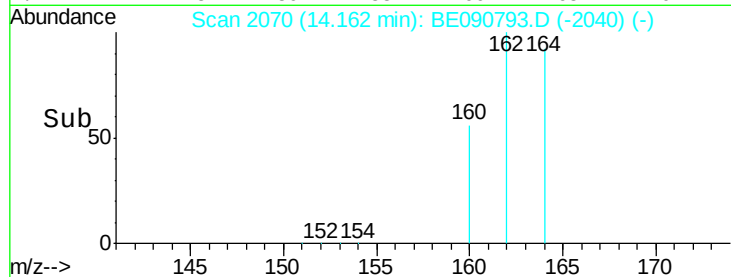
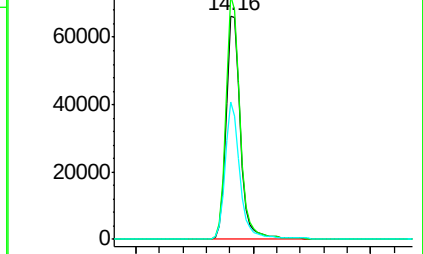
160 61.5 53.9 80.9



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: 5.79 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

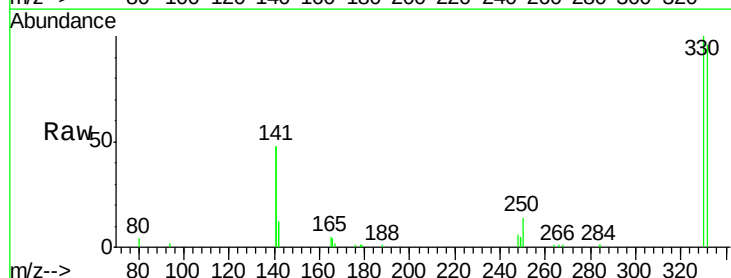
Tgt Ion:330 Resp: 18870

Ion Ratio Lower Upper

330 100

332 96.3 74.9 112.3

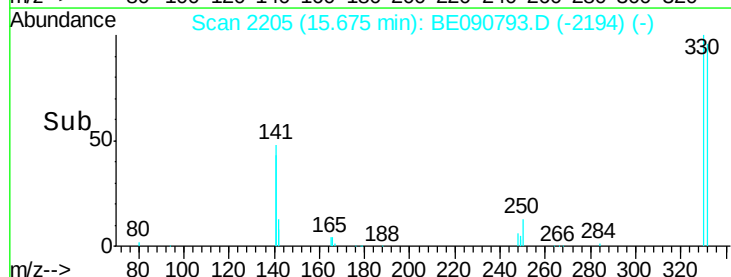
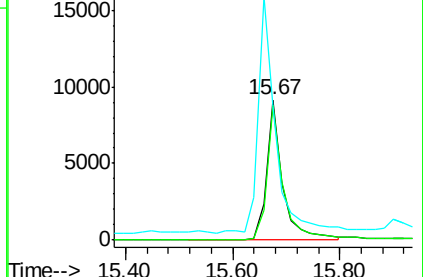
141 181.9 145.2 217.8

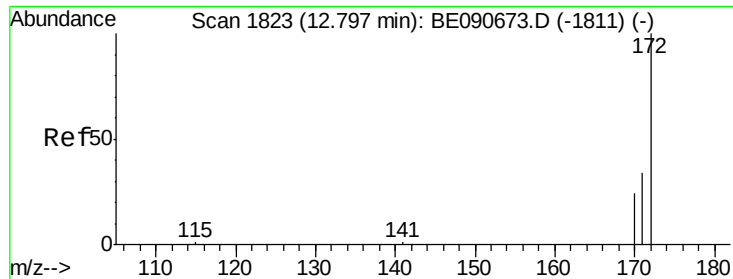


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

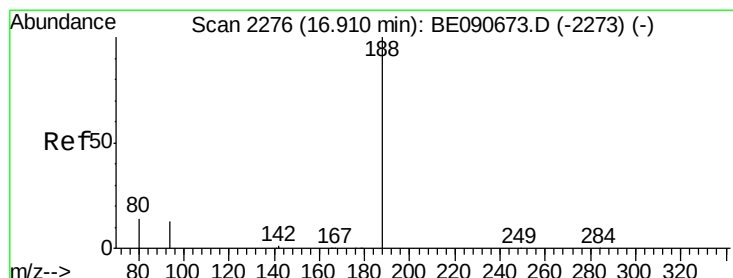
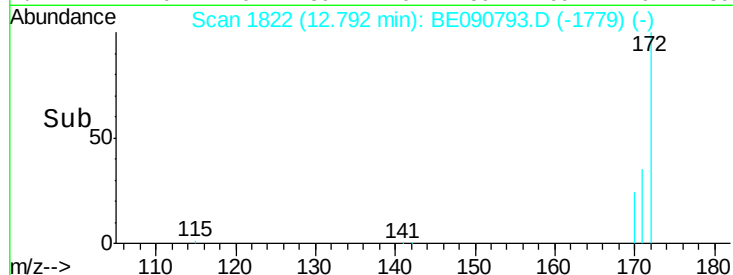
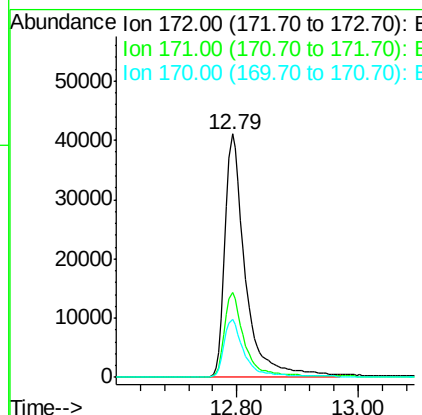
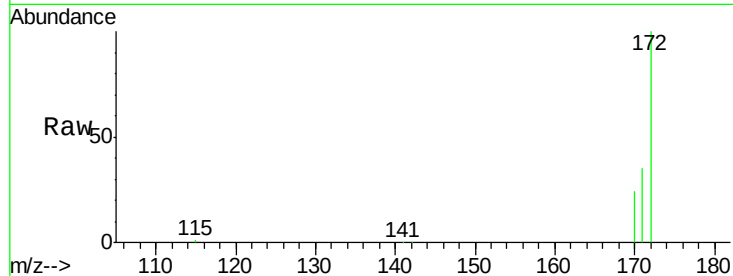




#14
2-Fluorobiphenyl
Concen: 3.11 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090793.D
Acq: 11 Sep 2015 20:19

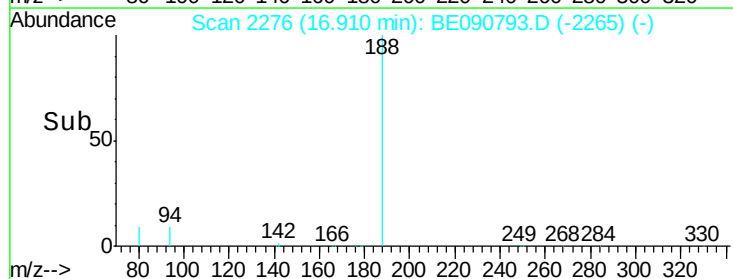
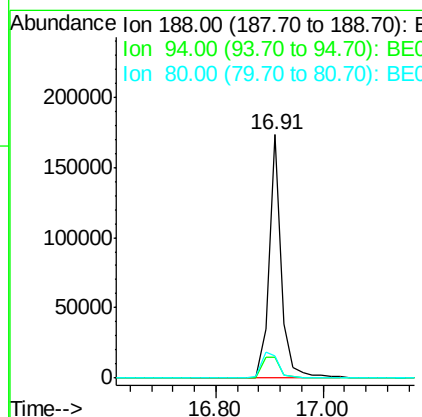
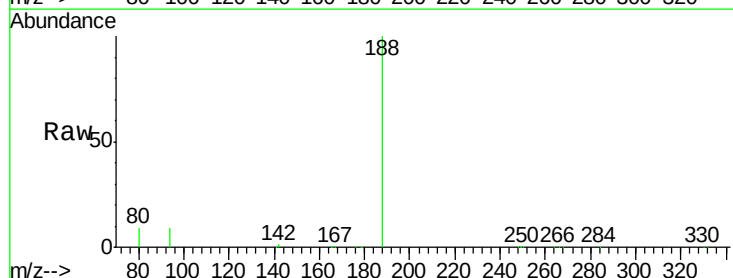
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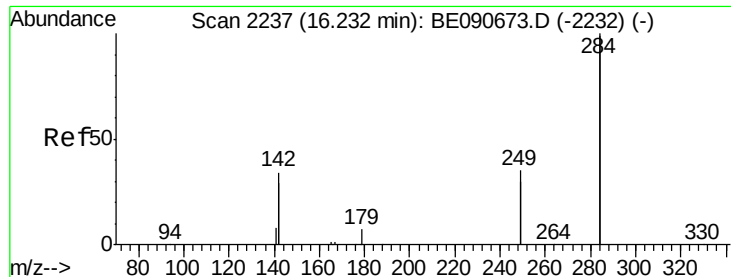
Tot Ion:172 Resp: 96236
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.8 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090793.D
Acq: 11 Sep 2015 20:19

Tgt Ion:188 Resp: 275602
Ion Ratio Lower Upper
188 100
94 8.7 10.3 15.5#
80 9.3 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

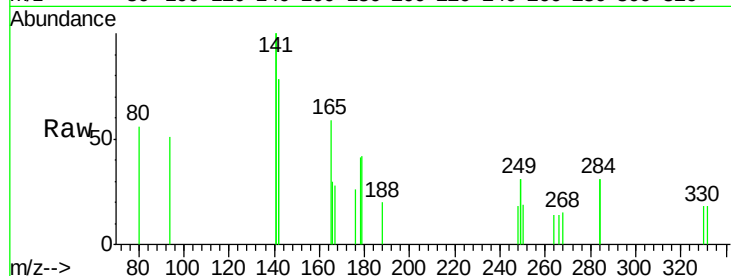
Tot Ion:284 Resp: 132

Ion Ratio Lower Upper

284 100

142 192.4 35.0 52.4#

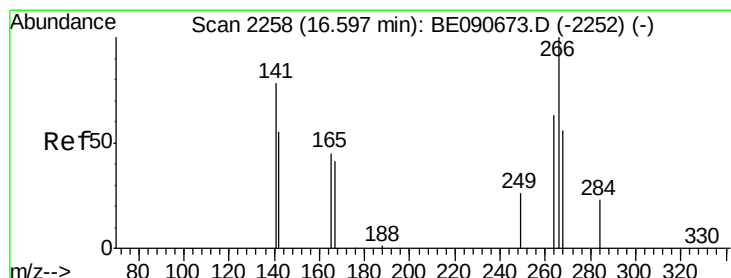
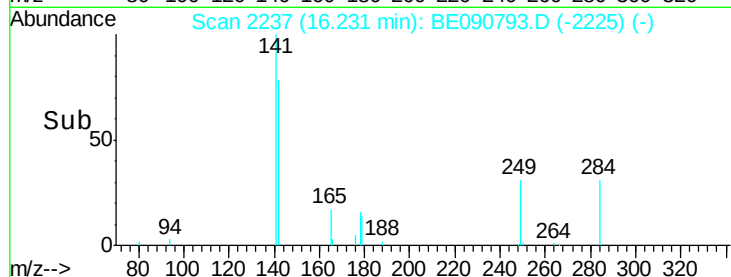
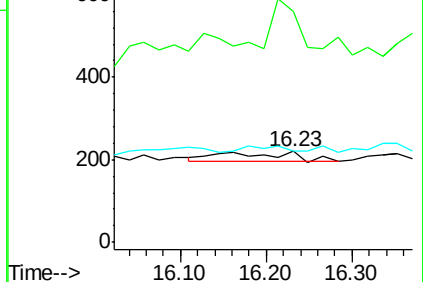
249 0.0 25.5 38.3#



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: 16.56 min Scan# 2256

Delta R.T. -0.04 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

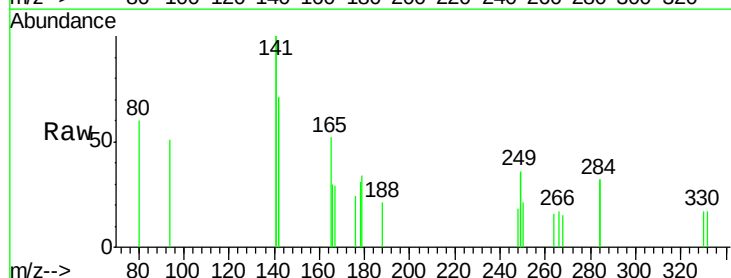
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

268 89.3 49.6 74.4#

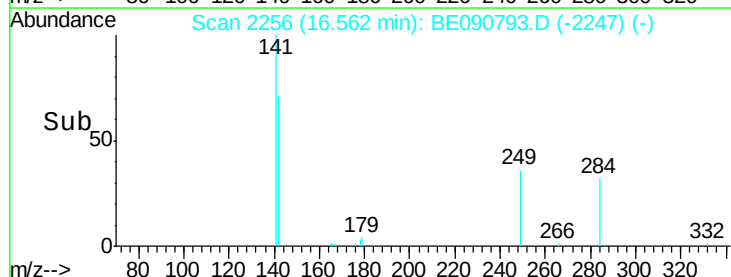
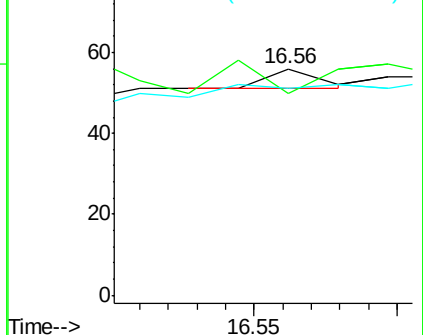
264 91.1 53.9 80.9#

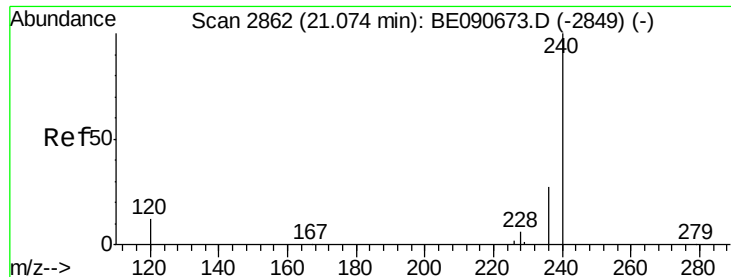


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

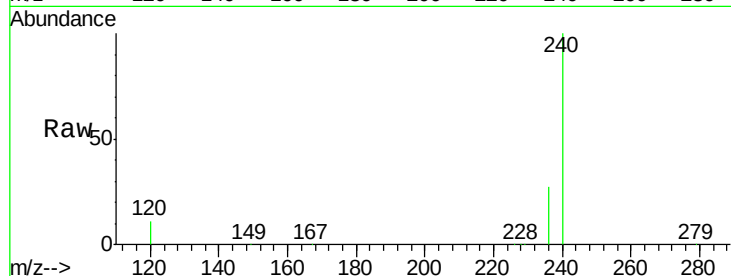
Tot Ion:240 Resp: 335142

Ion Ratio Lower Upper

240 100

120 10.8 10.1 15.1

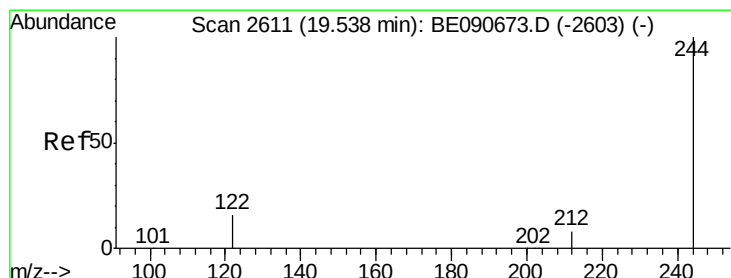
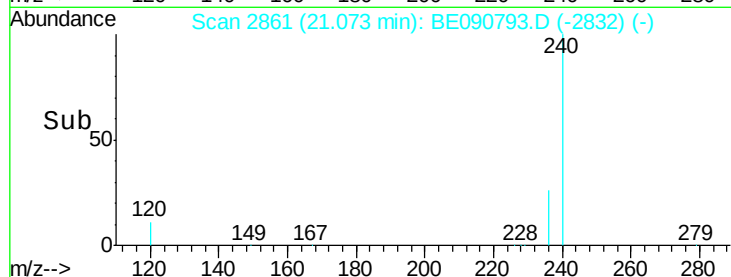
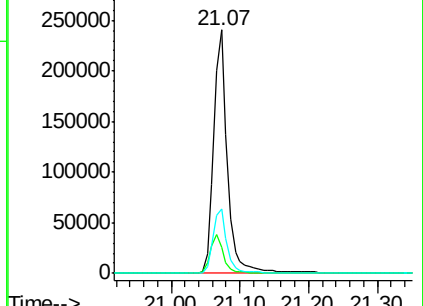
236 26.5 21.9 32.9



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



#27

Terphenyl-d14

Concen: 4.37 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

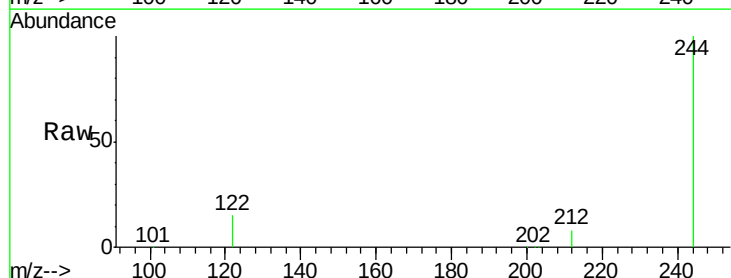
Tgt Ion:244 Resp: 162017

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

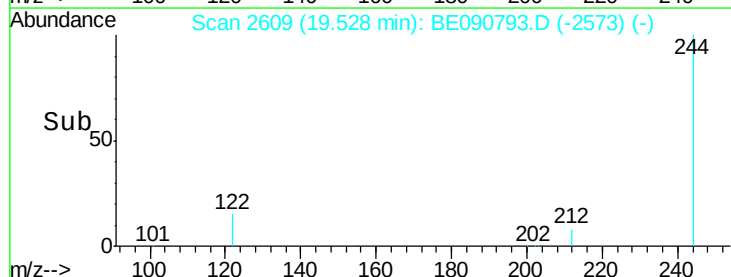
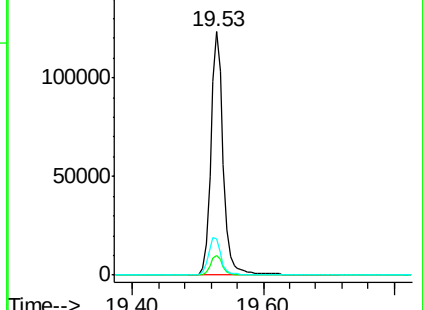
122 14.9 12.9 19.3

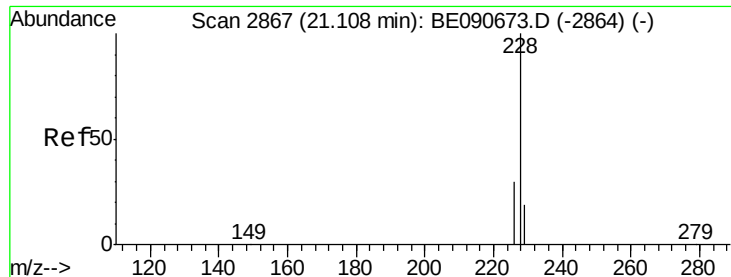


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2860

Delta R.T. -0.04 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

Instrument :

BNA_E

ClientSampleId :

091015-D534-F-D-S

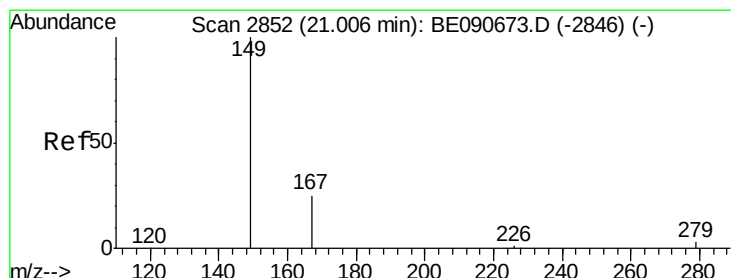
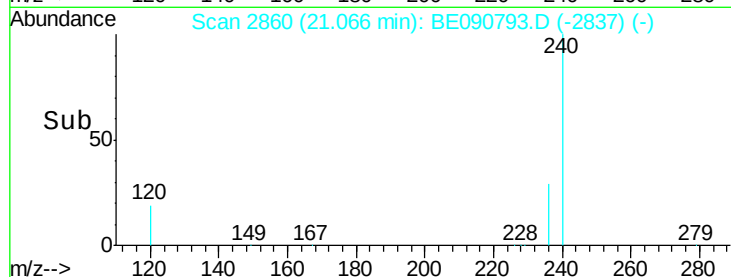
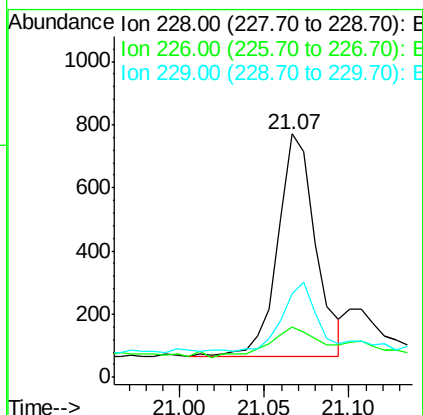
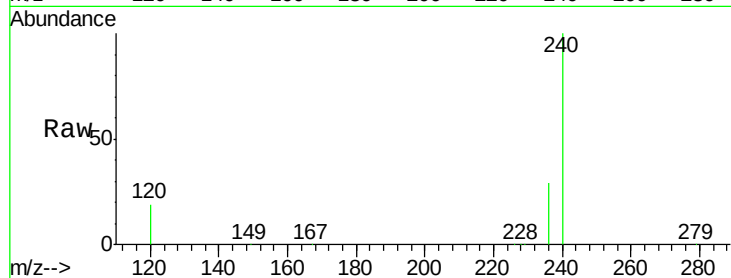
Tot Ion:228 Resp: 1091

Ion Ratio Lower Upper

228 100

226 20.6 24.2 36.4#

229 34.5 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090793.D

Acq: 11 Sep 2015 20:19

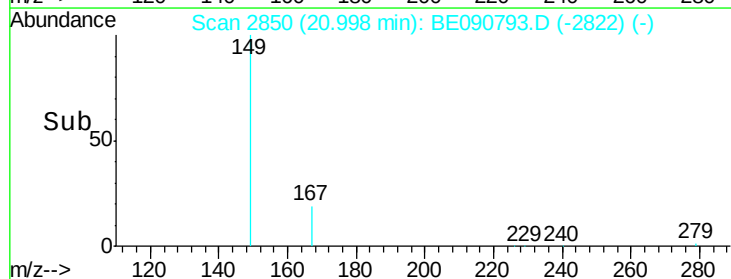
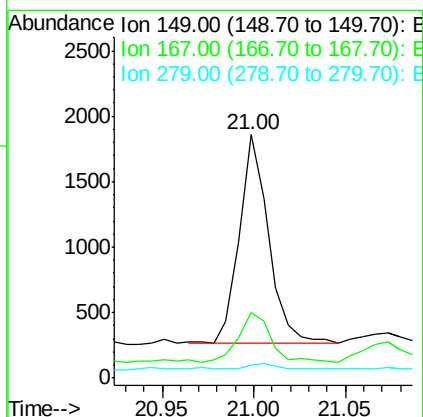
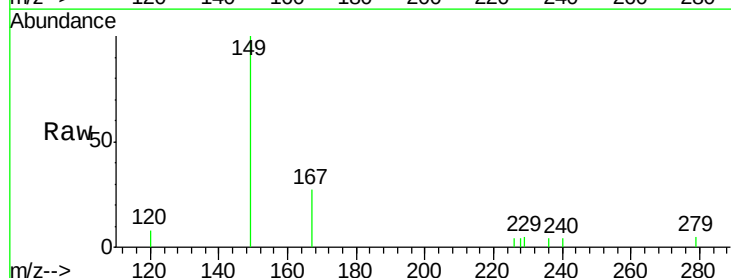
Tgt Ion:149 Resp: 1752

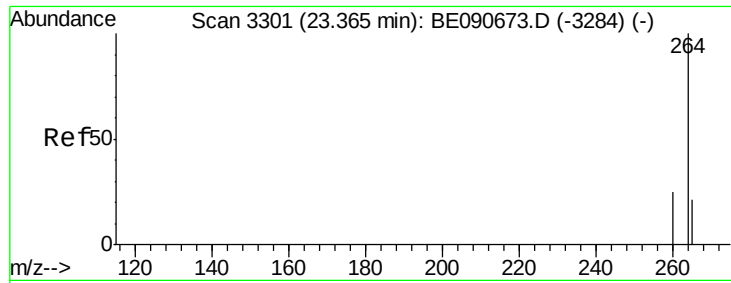
Ion Ratio Lower Upper

149 100

167 26.7 20.1 30.1

279 2.8 2.3 3.5

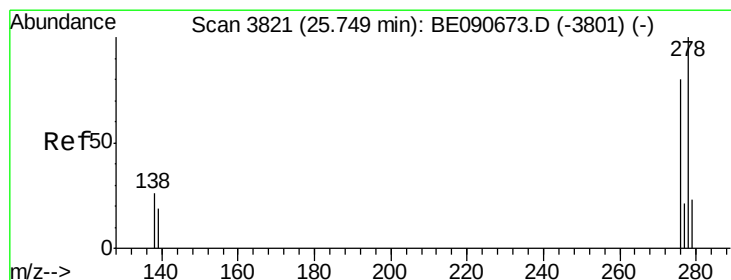
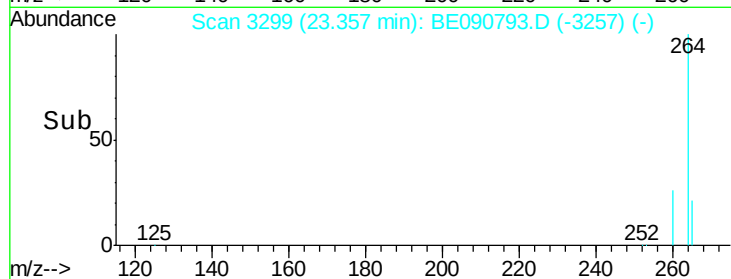
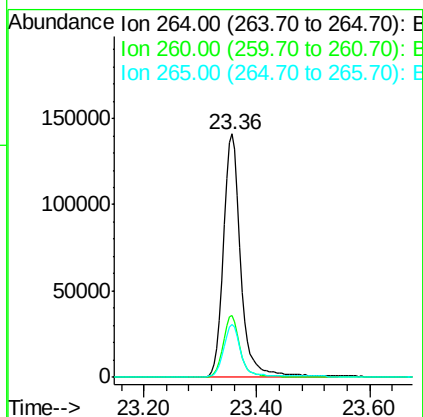
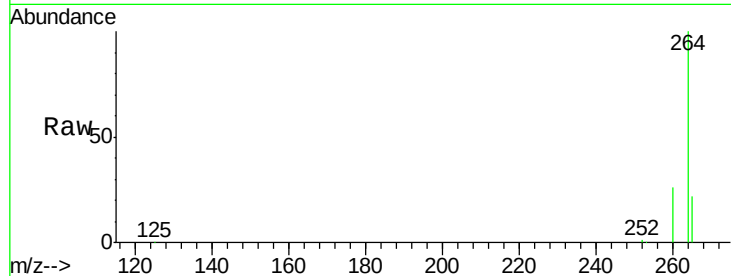




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090793.D
 Acq: 11 Sep 2015 20:19

Instrument :
 BNA_E
 ClientSampleId :
 091015-D534-F-D-S

Tot Ion:264 Resp: 301902
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.7 29.5
 265 21.7 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: BE090793.D
 Acq: 11 Sep 2015 20:19

Tgt Ion:278 Resp: 8
 Ion Ratio Lower Upper
 278 100
 139 159.1 15.4 23.0#
 279 140.9 18.8 28.2#

