

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090743.D
 Acq On : 4 Sep 2015 23:18
 Operator : UM/IZ
 Sample : G3563-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090215-D506-F-U-M

Quant Time: Sep 07 01:02:50 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	38824	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	176135	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	100816	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	252418	5.00	ng	0.00
25) Chrysene-d12	21.07	240	319628	5.00	ng	0.00
32) Perylene-d12	23.36	264	302843	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	24972	3.31	ng	0.00
5) Phenol-d6	6.75	99	18486	1.71	ng	0.00
7) Nitrobenzene-d5	8.71	82	42101	3.62	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	27355	9.22	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	101413	3.63	ng	0.00
27) Terphenyl-d14	19.53	244	185831	5.25	ng	-0.01

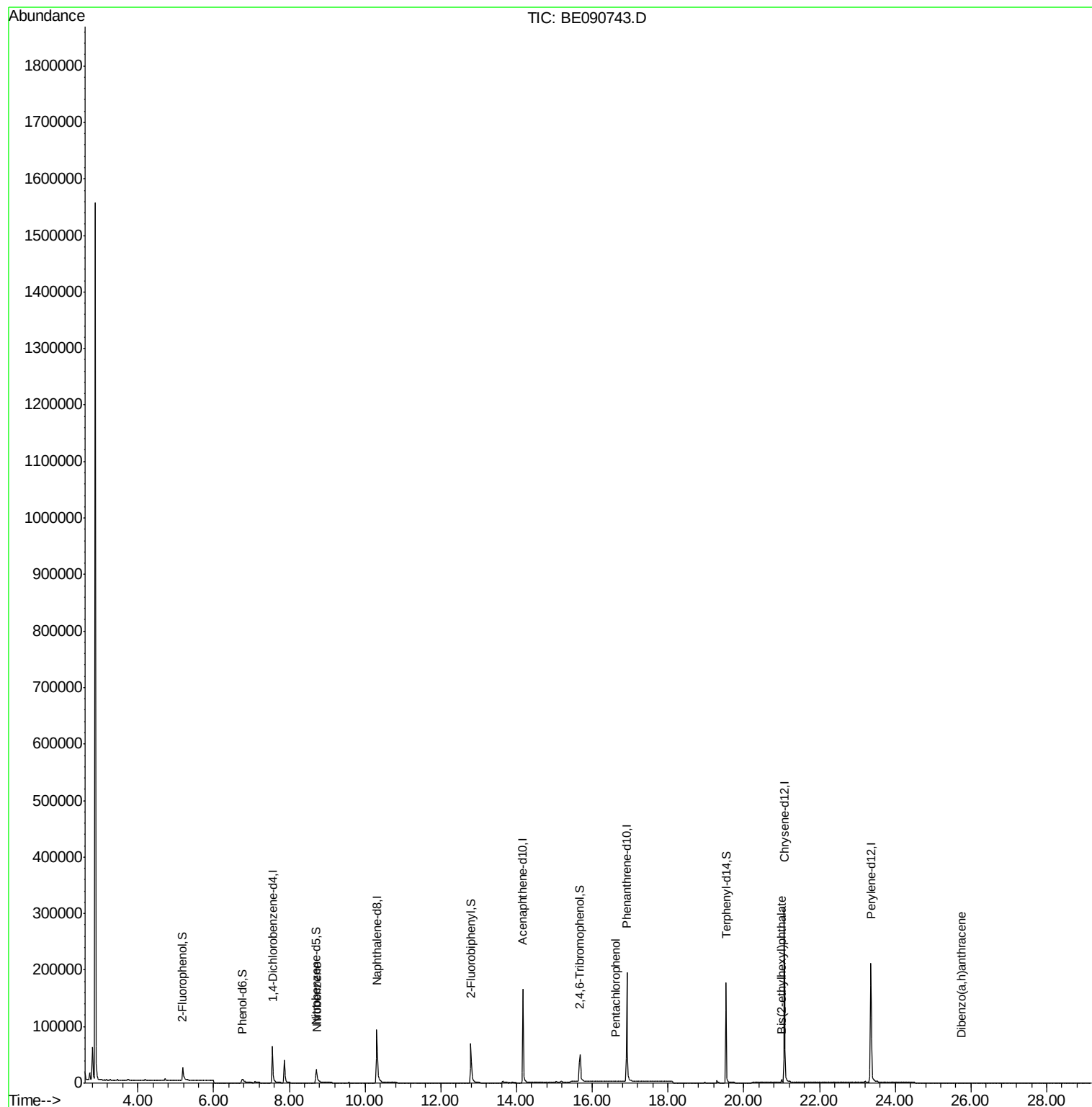
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	126	Below Cal	#	1
3) n-Nitrosodimethylamine	3.43	42	31	Below Cal	#	7
8) Nitrobenzene	8.75	77	39	0.11 ng	#	67
20) Hexachlorobenzene	16.27	284	37	Below Cal	#	37
21) Pentachlorophenol	16.61	266	30	0.47 ng	#	55
29) Chrysene	21.07	228	1314	Below Cal	#	76
30) Bis(2-ethylhexyl)phthalate	21.00	149	5165	0.34 ng	#	97
36) Dibenzo(a,h)anthracene	25.74	278	31	0.14 ng	#	1

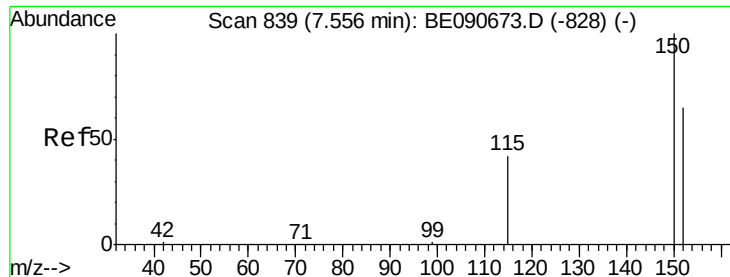
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
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ALS Vial : 15 Sample Multiplier: 1

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BNA_E
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090215-D506-F-U-M

Quant Time: Sep 07 01:02:50 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. -0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-U-M

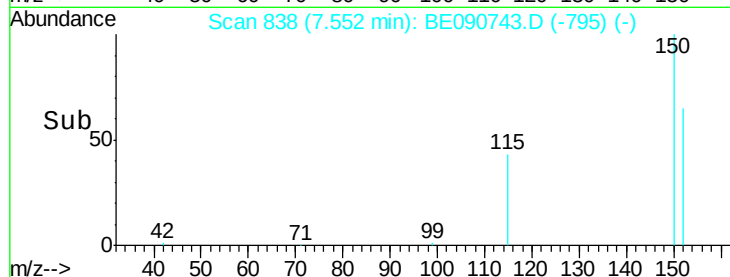
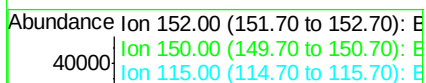
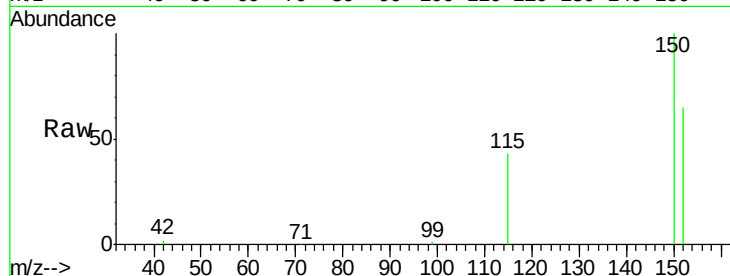
Tgt Ion: 152 Resp: 38824

Ion Ratio Lower Upper

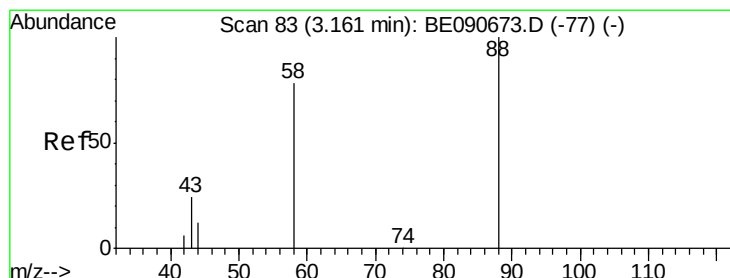
152 100

150 154.8 122.2 183.4

115 67.2 51.0 76.4



Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

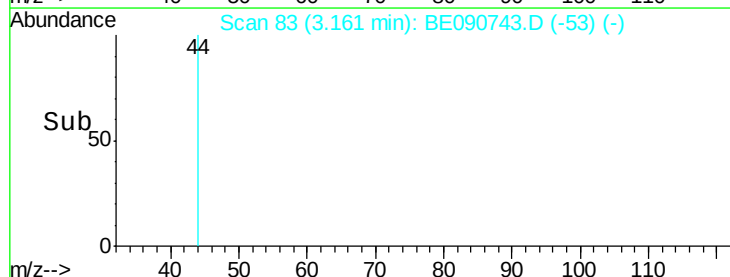
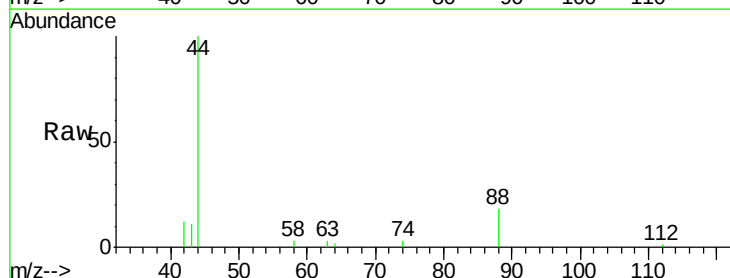
Tgt Ion: 88 Resp: 126

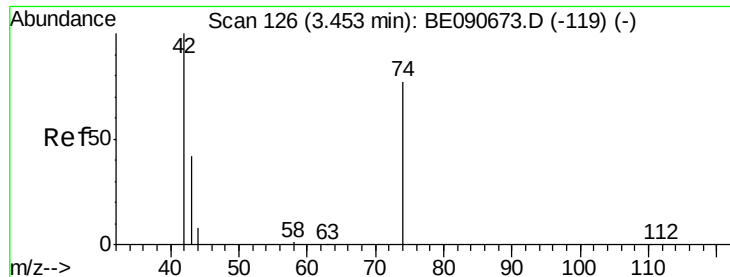
Ion Ratio Lower Upper

88 100

58 54.0 68.4 102.6#

43 196.8 26.9 40.3#



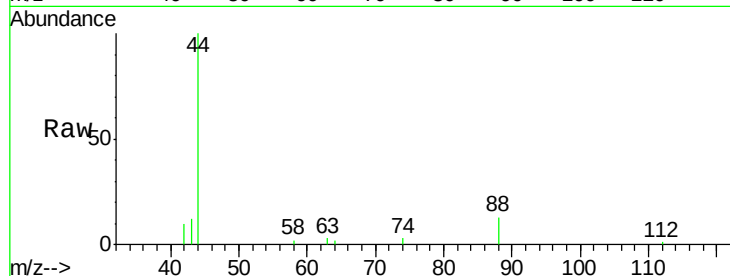


#3

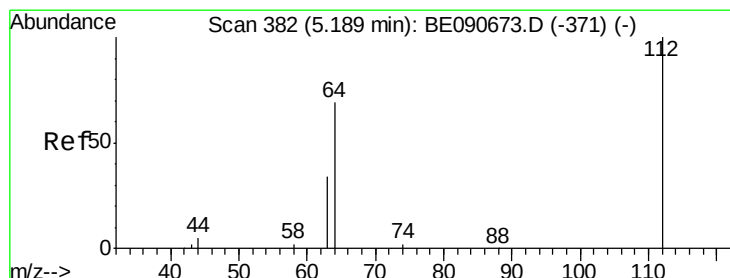
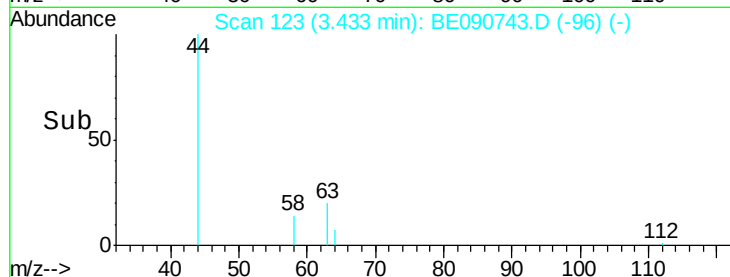
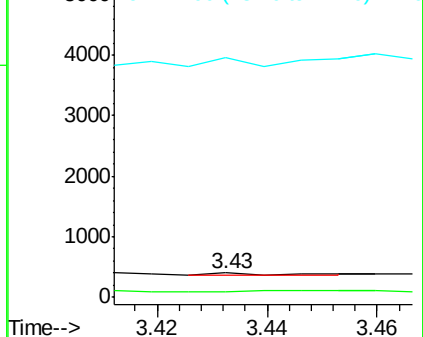
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 123
Delta R.T. -0.02 min
Lab File: BE090743.D
Acq: 4 Sep 2015 23:18

Instrument :
BNA_E
ClientSampleId :
090215-D506-F-U-M

Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
74 61.3 83.7 125.5#
44 216.1 10.0 15.0#



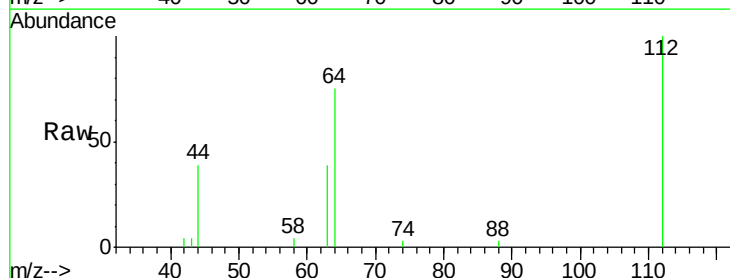
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



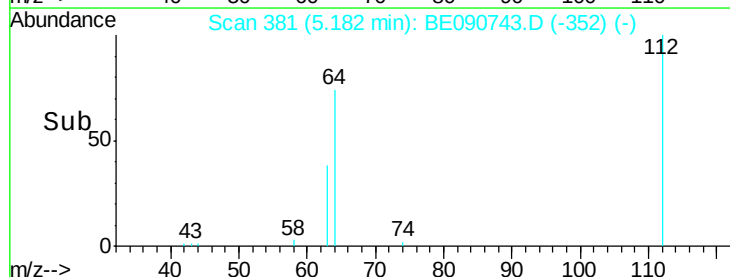
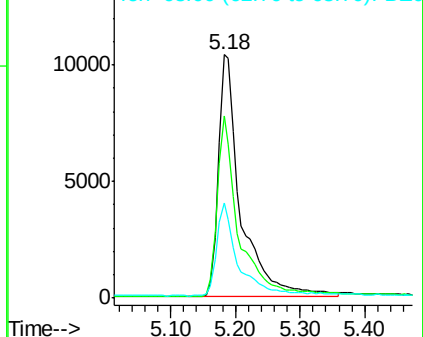
#4

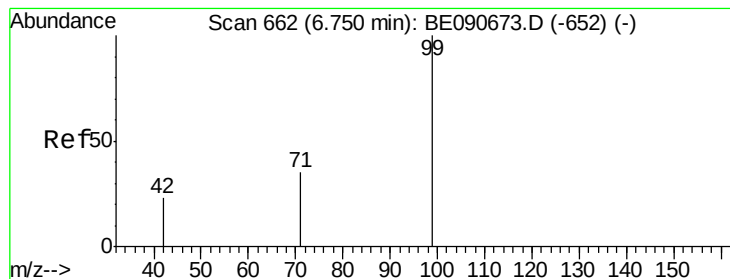
2-Fluorophenol
Concen: 3.31 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090743.D
Acq: 4 Sep 2015 23:18

Tgt Ion: 112 Resp: 24972
Ion Ratio Lower Upper
112 100
64 71.1 57.3 85.9
63 36.9 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE0
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.71 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-U-M

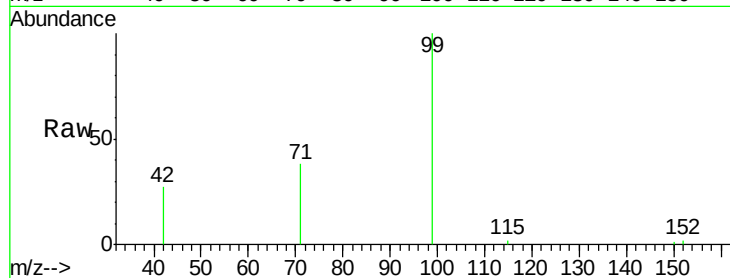
Tgt Ion: 99 Resp: 18486

Ion Ratio Lower Upper

99 100

42 20.0 16.8 25.2

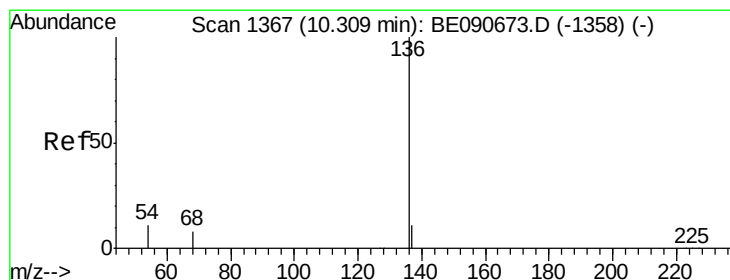
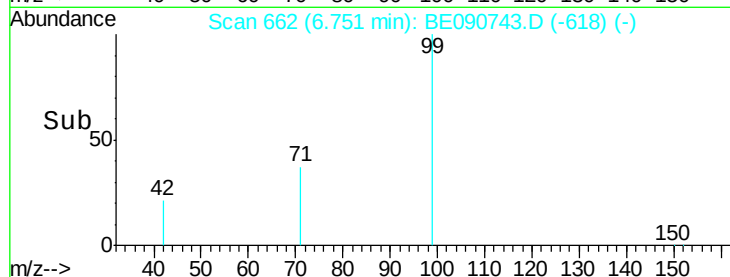
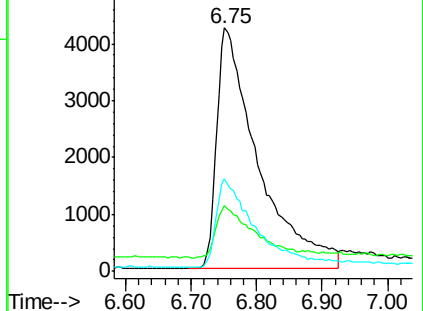
71 36.2 28.3 42.5



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: BE090743.D

Acq: 4 Sep 2015 23:18

Tgt Ion: 136 Resp: 176135

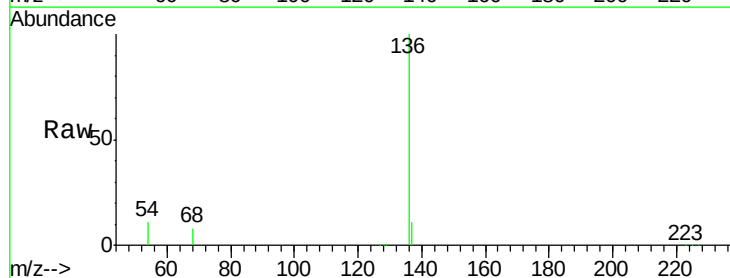
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.5 9.0 13.6

68 8.5 6.3 9.5

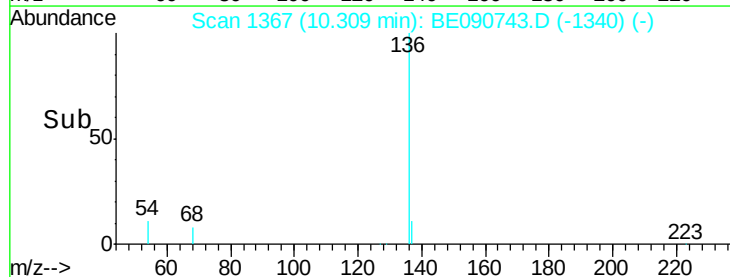
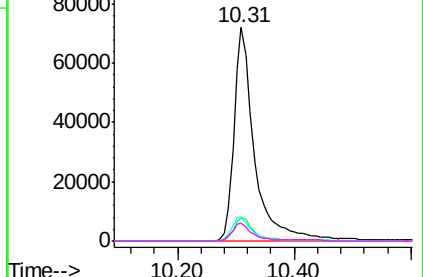


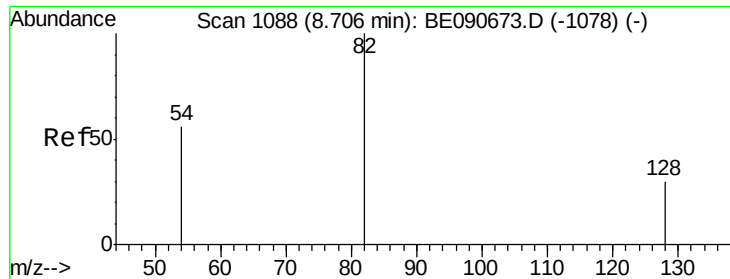
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.62 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

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ClientSampleId :

090215-D506-F-U-M

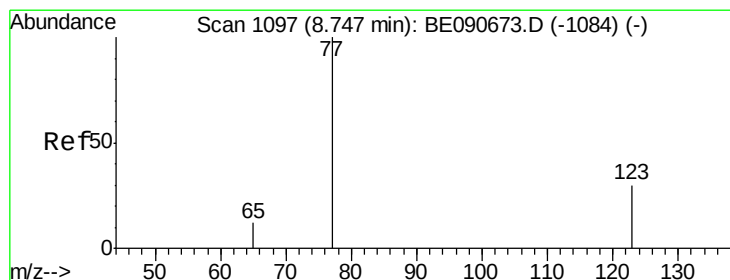
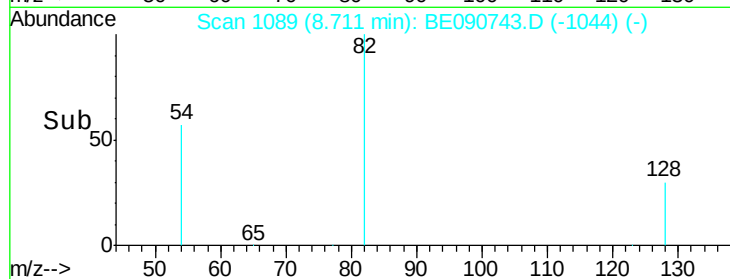
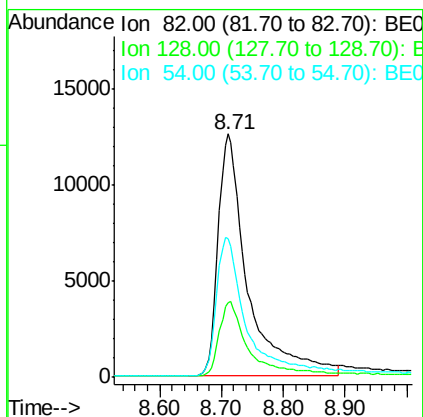
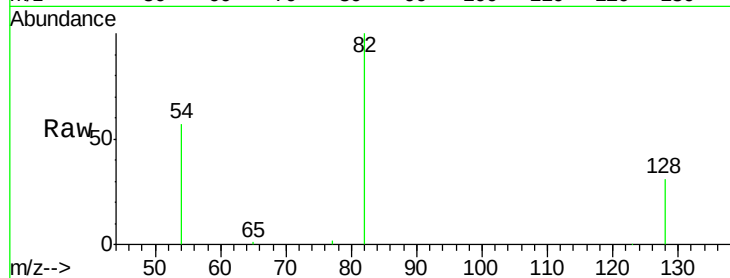
Tgt Ion: 82 Resp: 42101

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

54 57.0 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

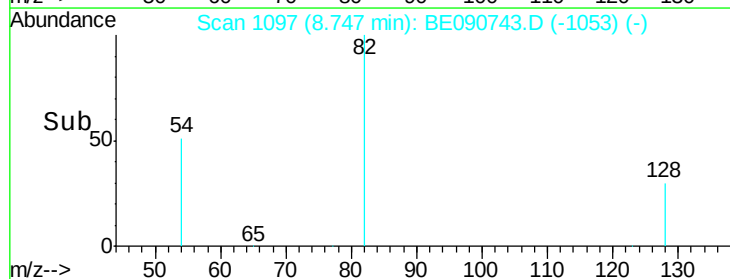
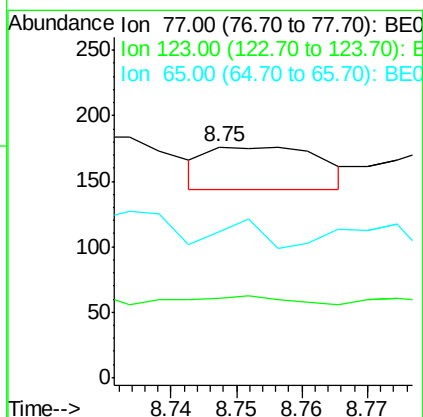
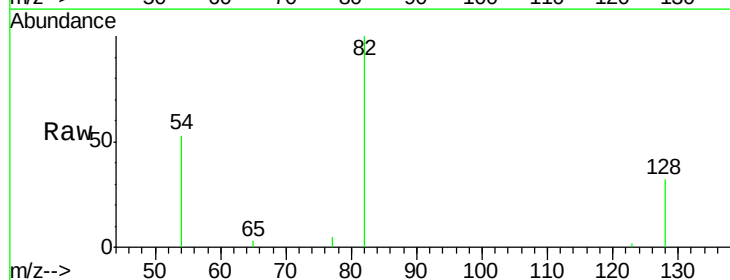
Tgt Ion: 77 Resp: 39

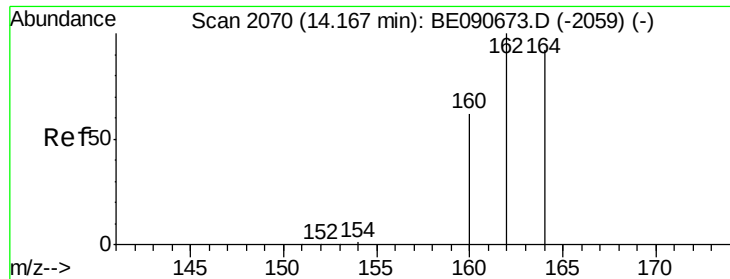
Ion Ratio Lower Upper

77 100

123 12.8 25.1 37.7#

65 0.0 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-U-M

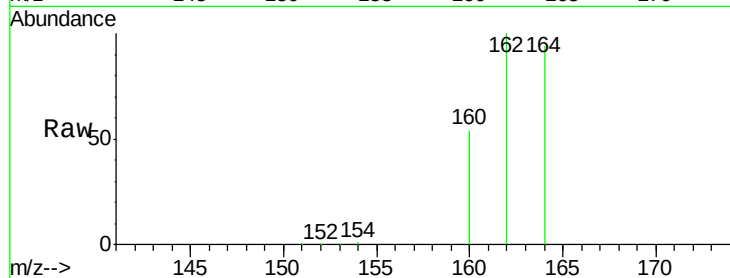
Tgt Ion:164 Resp: 100816

Ion Ratio Lower Upper

164 100

162 106.7 86.8 130.2

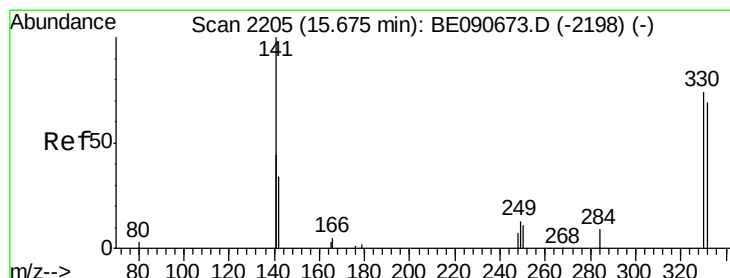
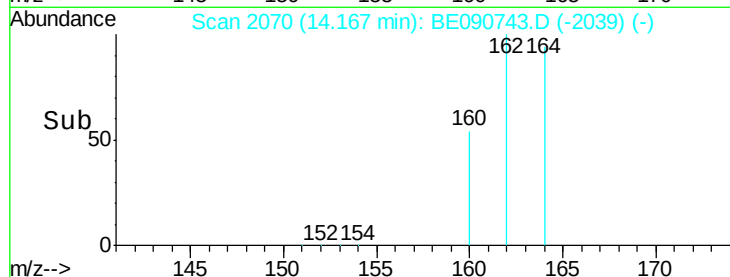
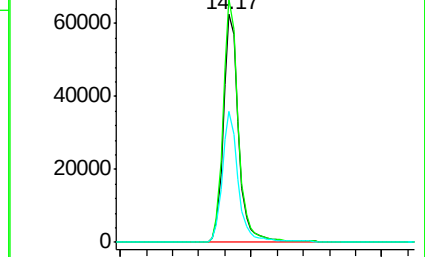
160 57.4 53.9 80.9



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: 9.22 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

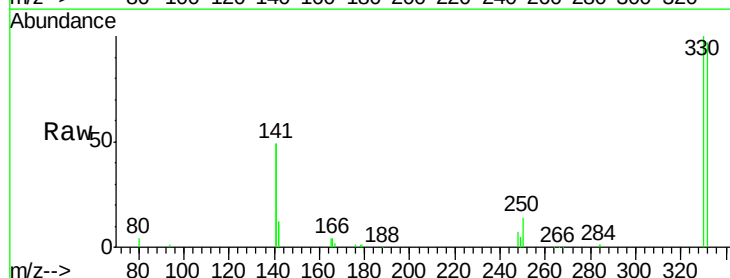
Tgt Ion:330 Resp: 27355

Ion Ratio Lower Upper

330 100

332 98.5 74.9 112.3

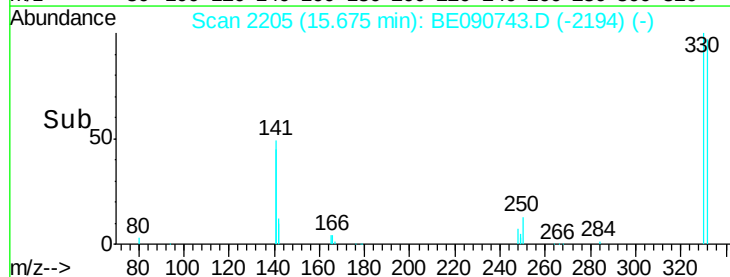
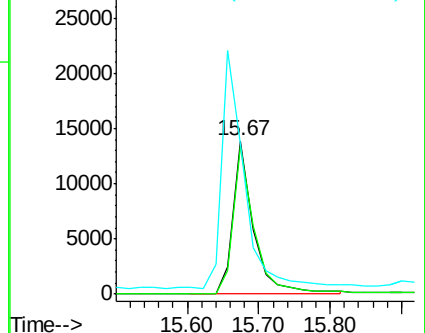
141 173.8 145.2 217.8

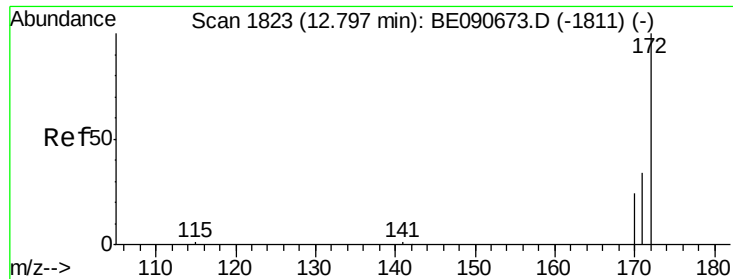


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

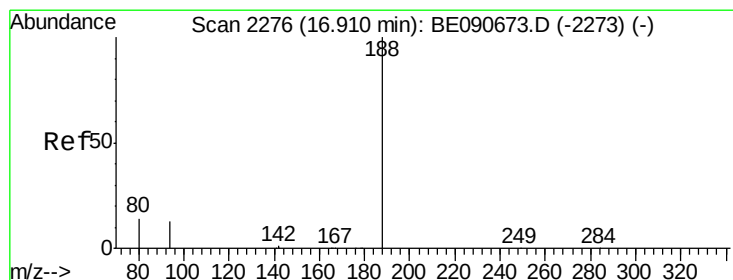
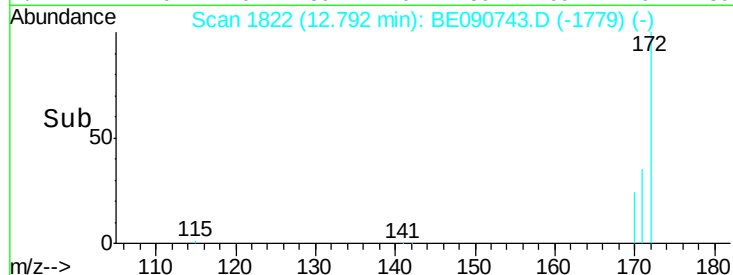
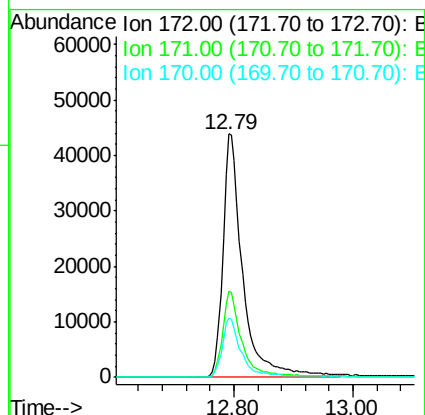
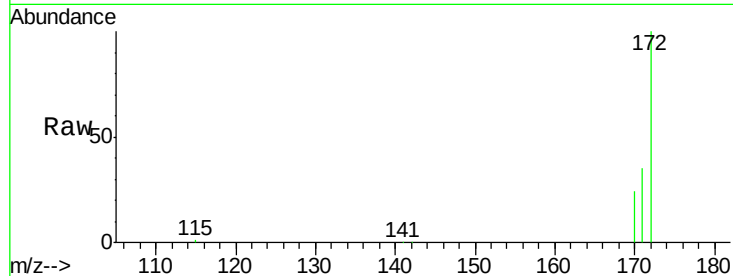




#14
2-Fluorobiphenyl
Concen: 3.63 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090743.D
Acq: 4 Sep 2015 23:18

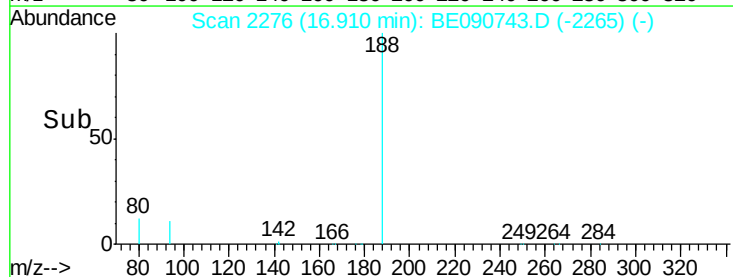
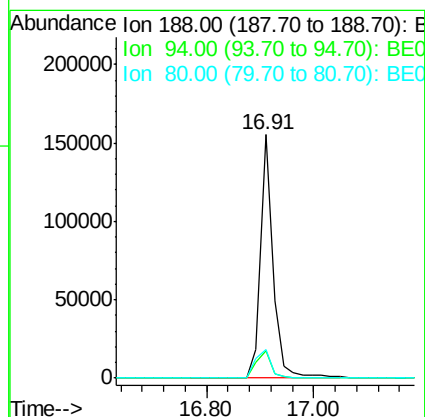
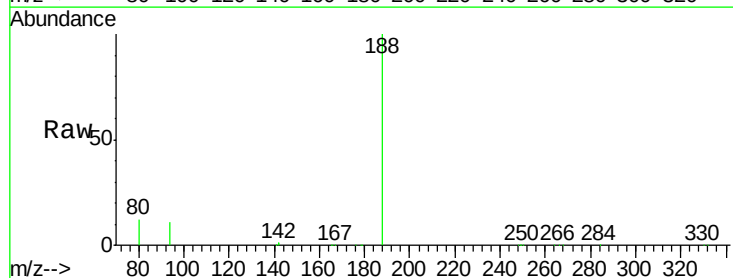
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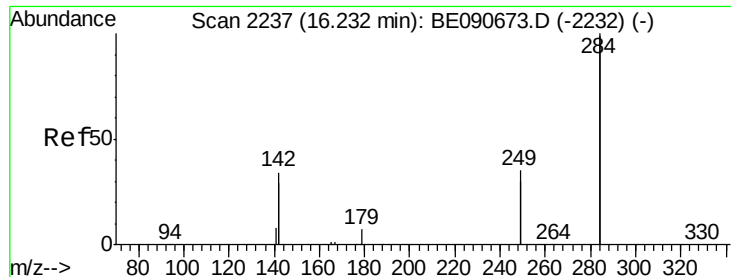
Tgt Ion:172 Resp: 101413
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.5 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090743.D
Acq: 4 Sep 2015 23:18

Tgt Ion:188 Resp: 252418
Ion Ratio Lower Upper
188 100
94 11.1 10.3 15.5
80 11.7 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.27 min Scan# 2239

Delta R.T. 0.03 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-U-M

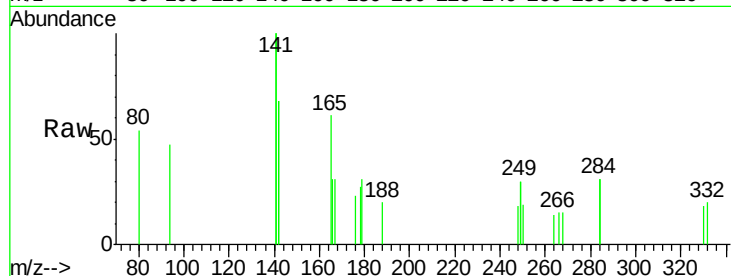
Tgt Ion: 284 Resp: 37

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

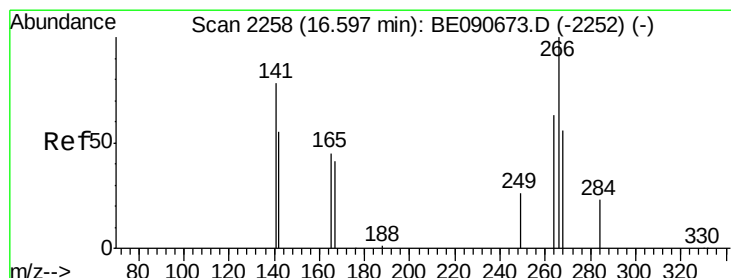
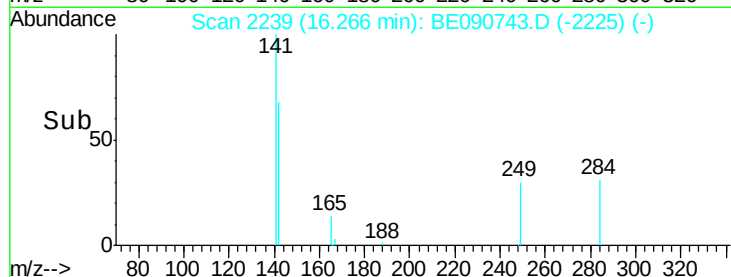
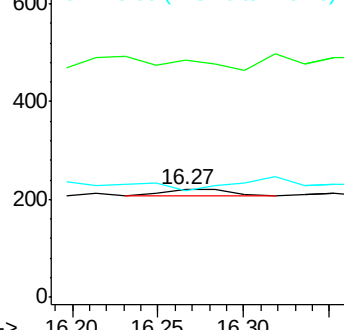
249 0.0 25.5 38.3#



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: 0.47 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.02 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

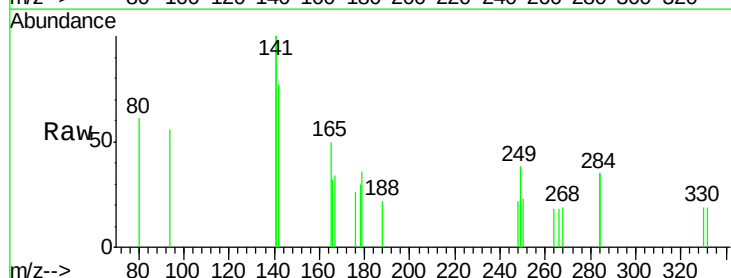
Tgt Ion: 266 Resp: 30

Ion Ratio Lower Upper

266 100

268 101.8 49.6 74.4#

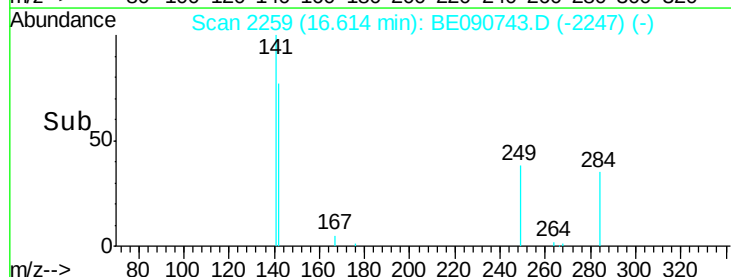
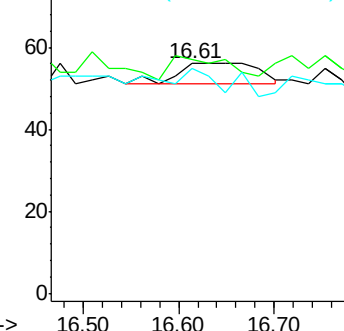
264 98.2 53.9 80.9#

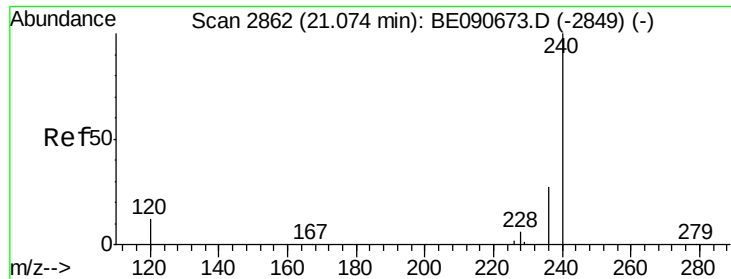


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2861

Delta R.T. -0.01 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-U-M

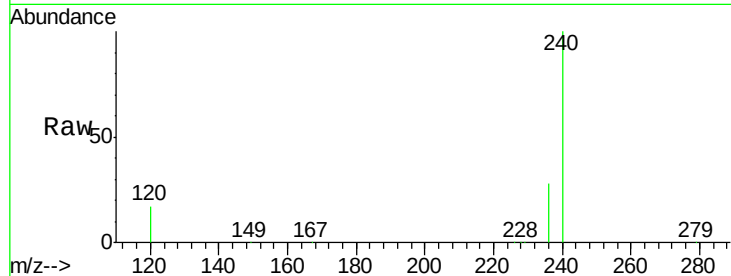
Tgt Ion:240 Resp: 319628

Ion Ratio Lower Upper

240 100

120 16.5 10.1 15.1#

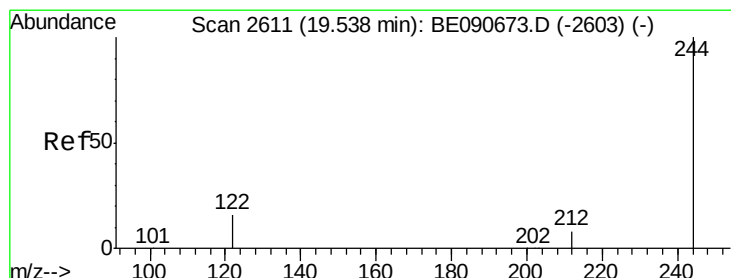
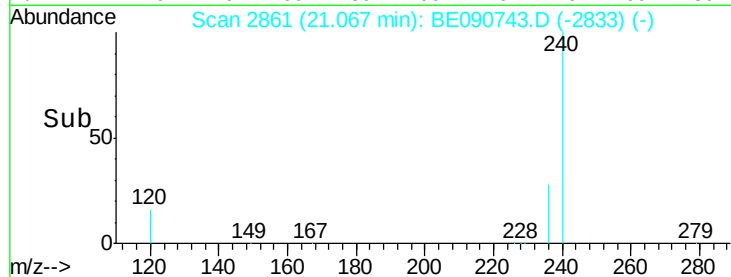
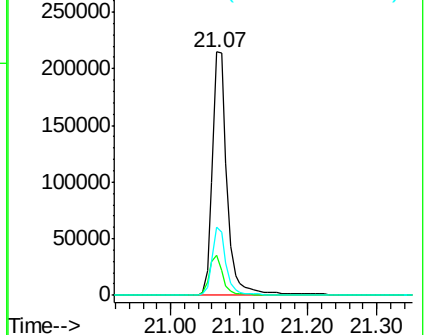
236 27.9 21.9 32.9



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: 5.25 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

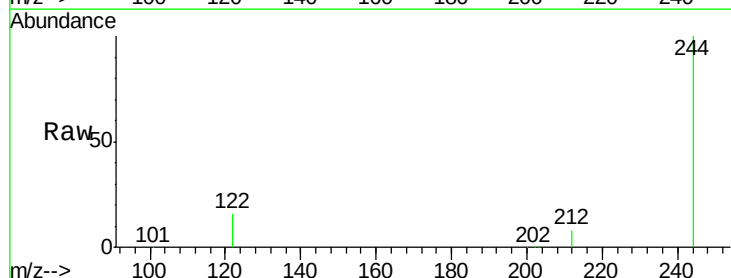
Tgt Ion:244 Resp: 185831

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

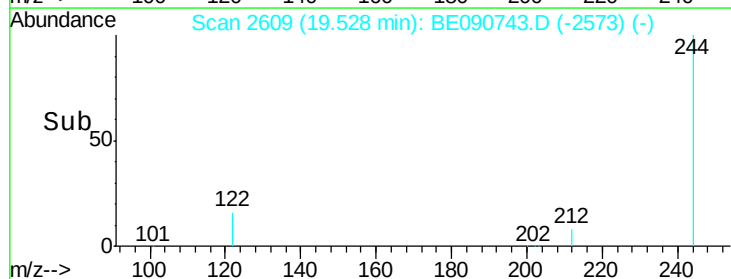
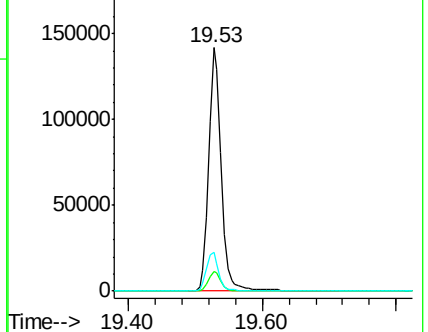
122 15.7 12.9 19.3

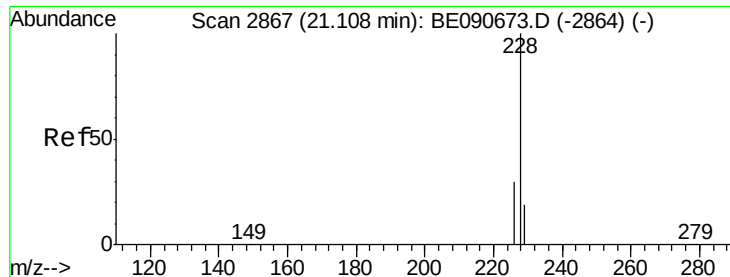


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-U-M

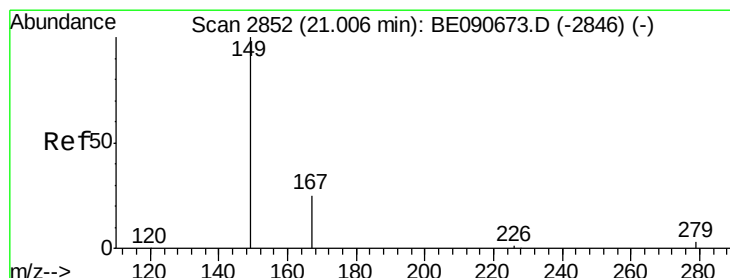
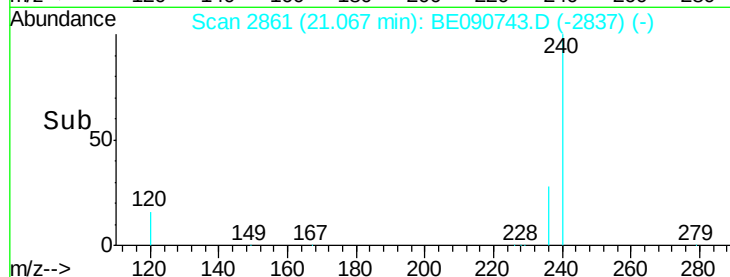
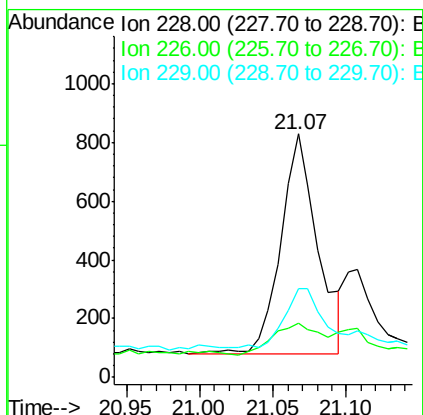
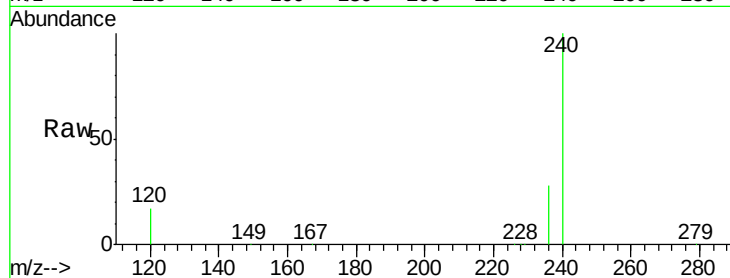
Tgt Ion:228 Resp: 1314

Ion Ratio Lower Upper

228 100

226 22.4 24.2 36.4#

229 36.3 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090743.D

Acq: 4 Sep 2015 23:18

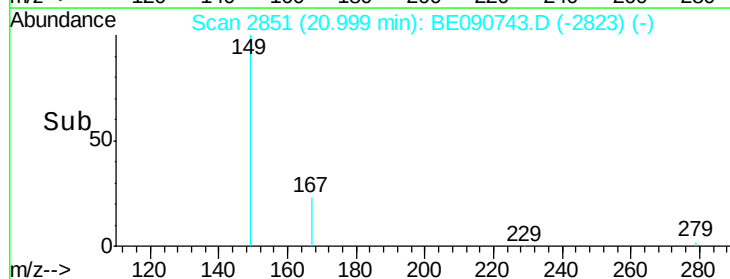
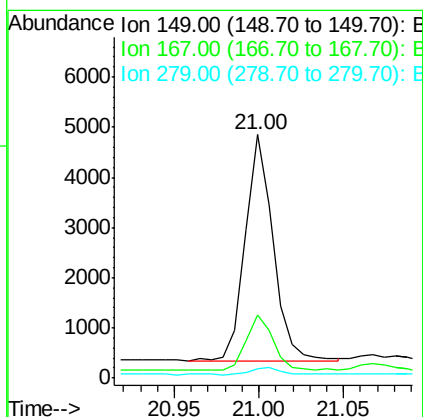
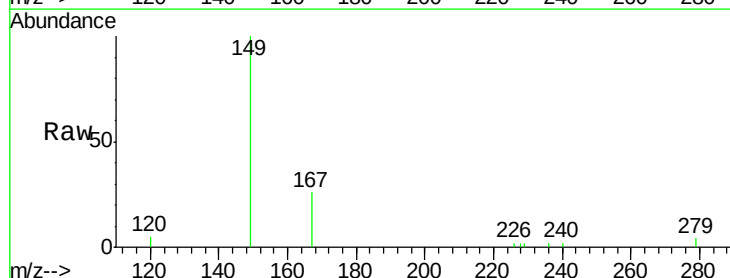
Tgt Ion:149 Resp: 5165

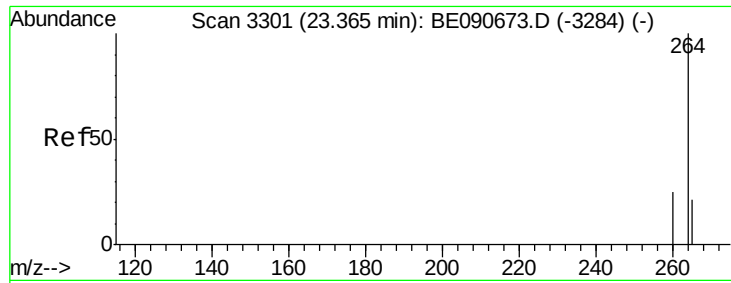
Ion Ratio Lower Upper

149 100

167 23.7 20.1 30.1

279 3.6 2.3 3.5#

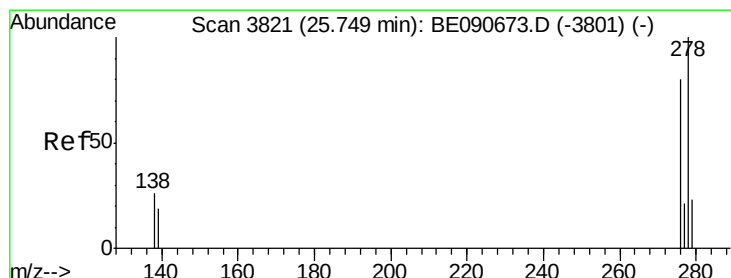
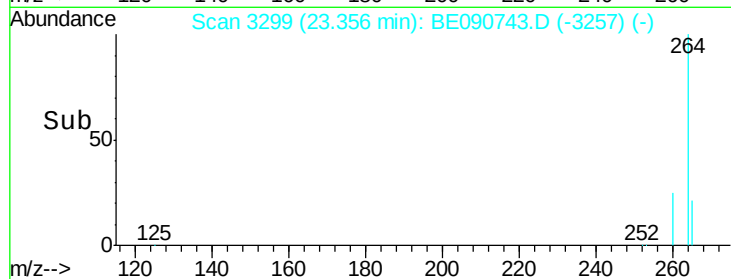
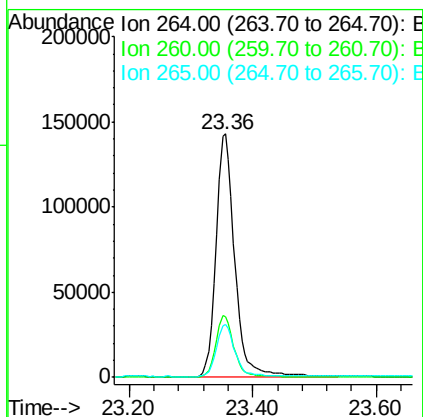
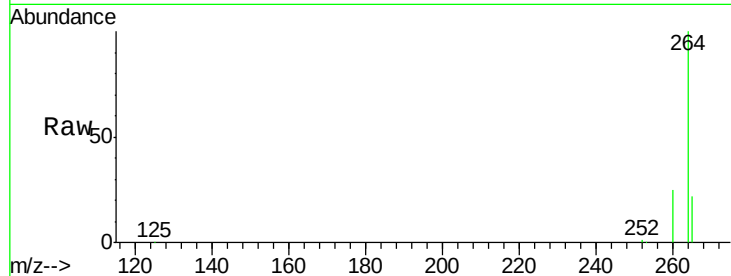




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090743.D
 Acq: 4 Sep 2015 23:18

Instrument :
 BNA_E
 ClientSampleId :
 090215-D506-F-U-M

Tgt Ion: 264 Resp: 302843
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.8 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.74 min Scan# 3819
 Delta R.T. -0.01 min
 Lab File: BE090743.D
 Acq: 4 Sep 2015 23:18

Tgt Ion: 278 Resp: 31
 Ion Ratio Lower Upper
 278 100
 139 170.0 15.4 23.0#
 279 133.8 18.8 28.2#

