

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090872.D
 Acq On : 17 Sep 2015 19:41
 Operator : UM/IZ
 Sample : G3699-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-U-S

Quant Time: Sep 18 00:46:35 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	36092	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	166595	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	89868	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	204391	5.00	ng	0.00
25) Chrysene-d12	21.07	240	236502	5.00	ng	0.00
32) Perylene-d12	23.35	264	216194	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	22123	3.16	ng	0.00
5) Phenol-d6	6.75	99	16918	1.68	ng	0.00
7) Nitrobenzene-d5	8.71	82	37337	3.39	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	17452	6.64	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	86300	3.47	ng	0.00
27) Terphenyl-d14	19.52	244	136073	5.20	ng	-0.02

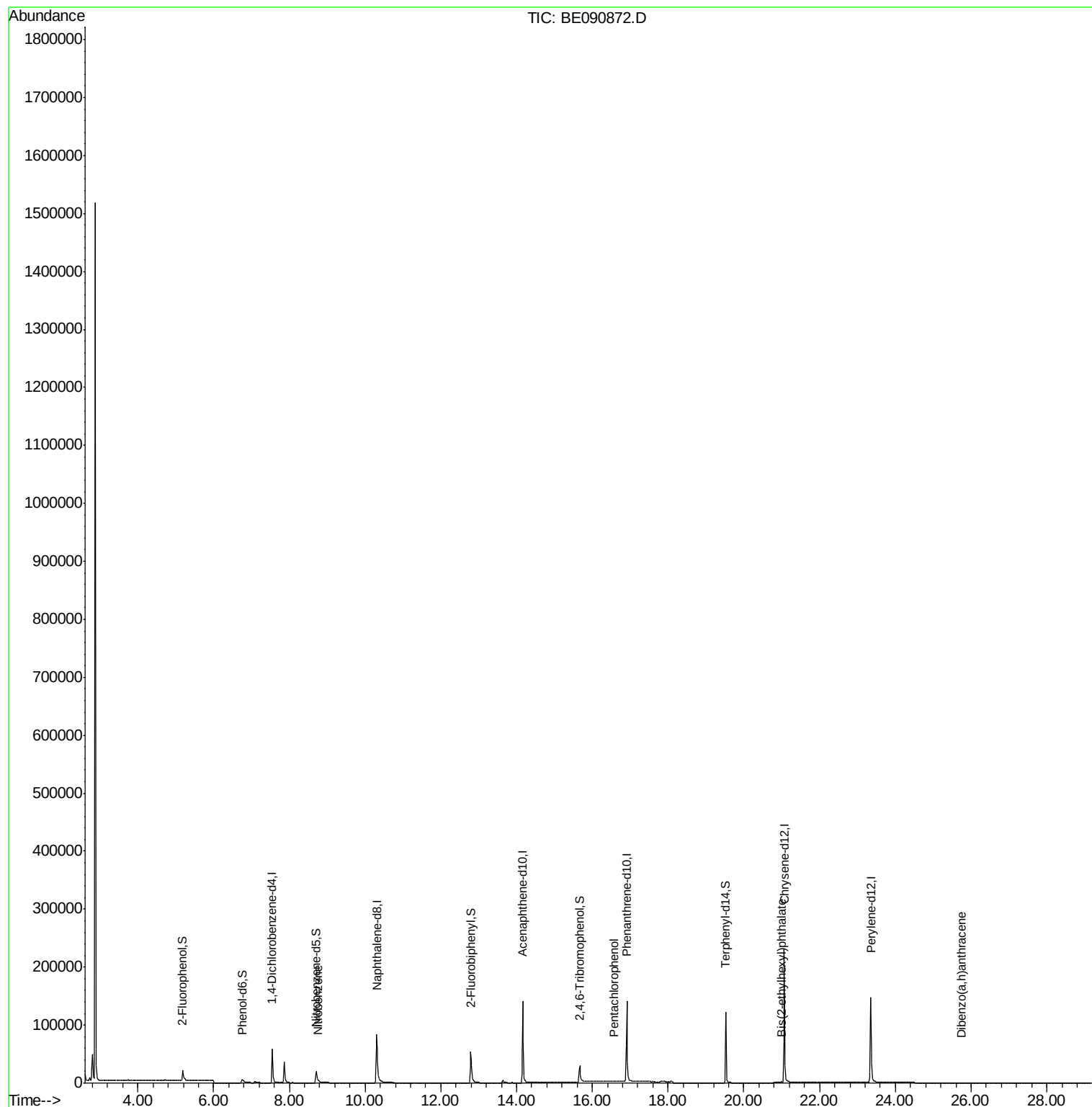
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	69	Below Cal	#	19
3) n-Nitrosodimethylamine	3.43	42	34	Below Cal	#	15
8) Nitrobenzene	8.75	77	24	0.11 ng	#	83
20) Hexachlorobenzene	16.23	284	31	Below Cal	#	37
21) Pentachlorophenol	16.56	266	19	0.47 ng	#	64
29) Chrysene	21.10	228	483	Below Cal	#	75
30) Bis(2-ethylhexyl)phthalate	20.99	149	1580	0.18 ng	#	99
36) Dibenzo(a,h)anthracene	25.74	278	83	0.14 ng	#	1

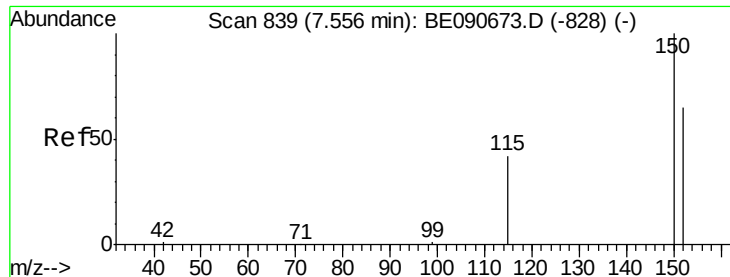
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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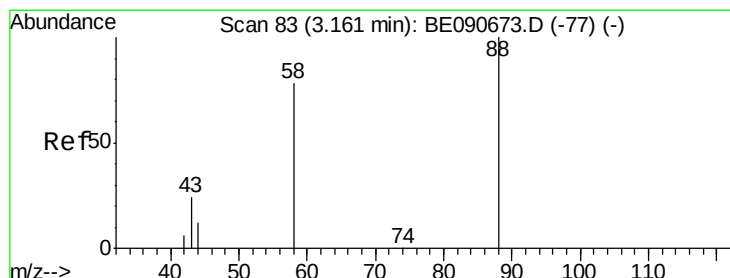
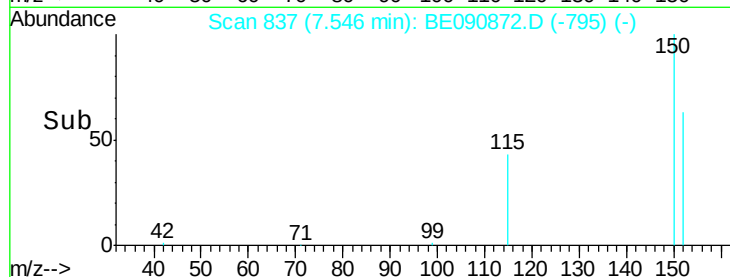
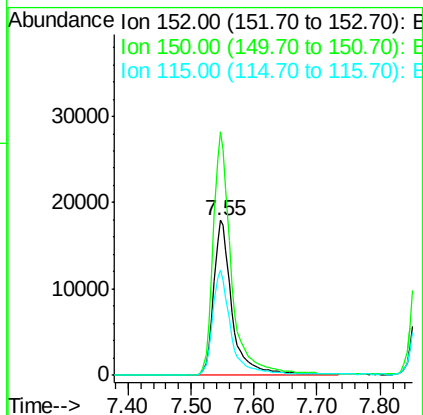
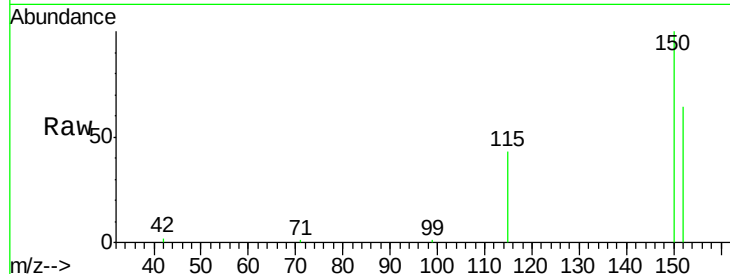


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Instrument :
BNA_E
ClientSampleId :
091515-D549-F-U-S

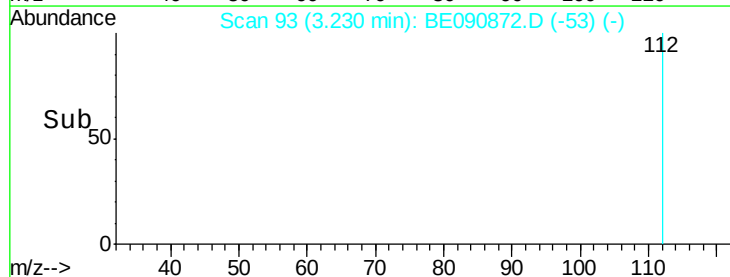
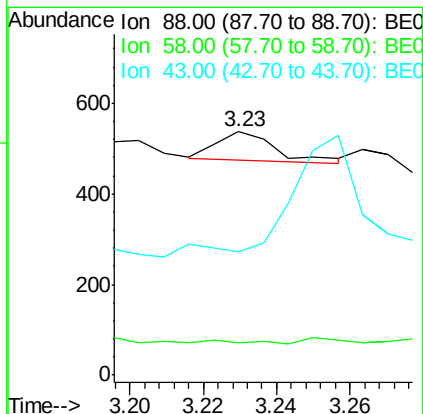
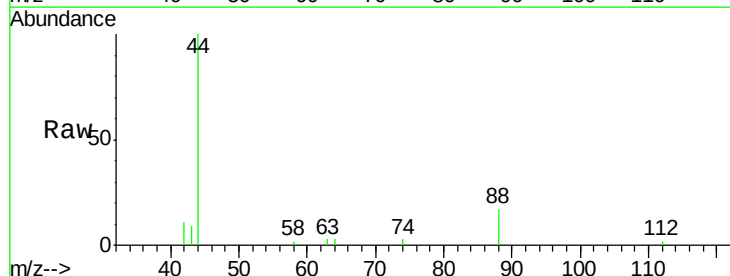
Tot Ion:152 Resp: 36092
Ion Ratio Lower Upper
152 100
150 157.3 122.2 183.4
115 68.0 51.0 76.4

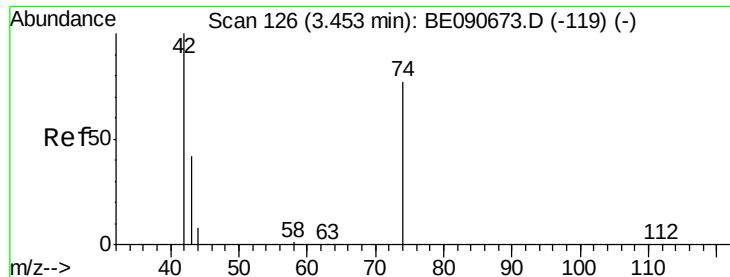


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.23 min Scan# 93
Delta R.T. 0.07 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
58 2.9 68.4 102.6#
43 0.0 26.9 40.3#



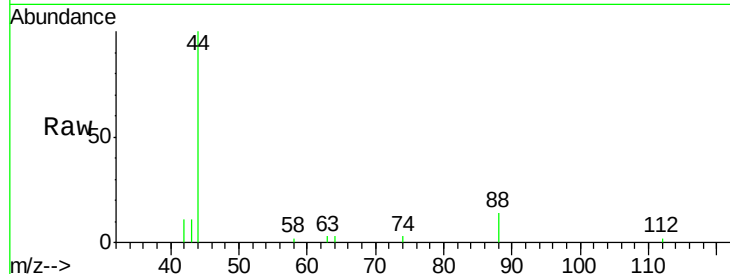


#3

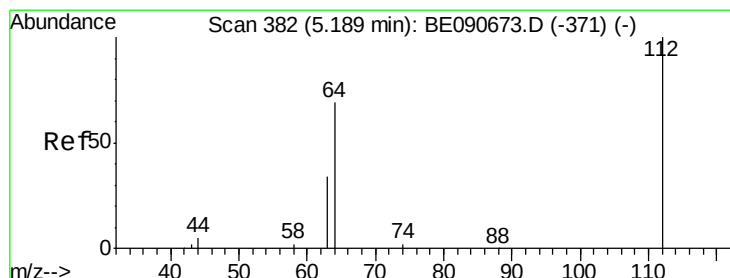
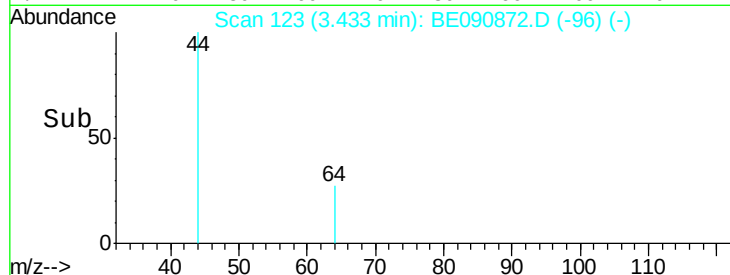
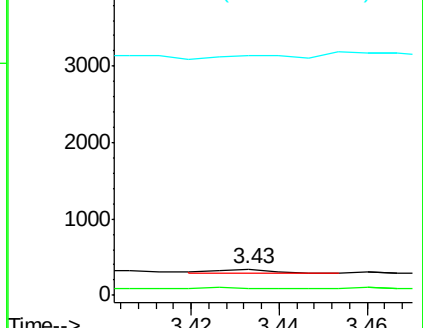
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 123
Delta R.T. -0.02 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Instrument :
BNA_E
ClientSampleId :
091515-D549-F-U-S

Tot Ion: 42 Resp: 34
Ion Ratio Lower Upper
42 100
74 67.6 83.7 125.5#
44 208.8 10.0 15.0#



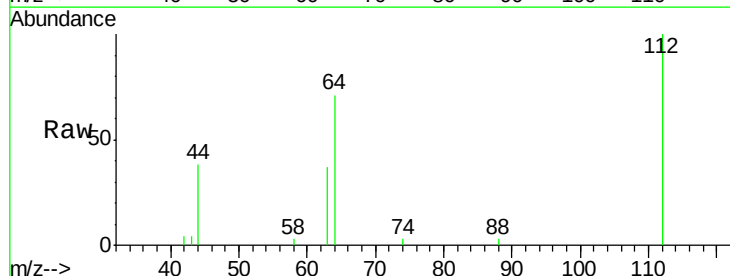
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



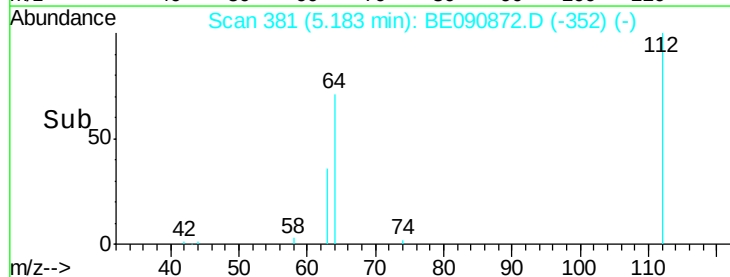
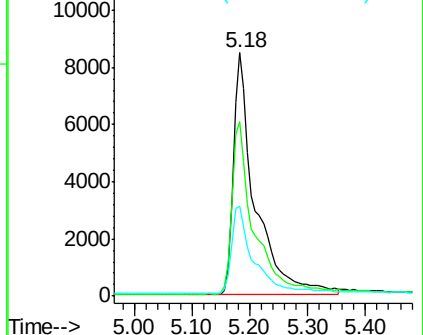
#4

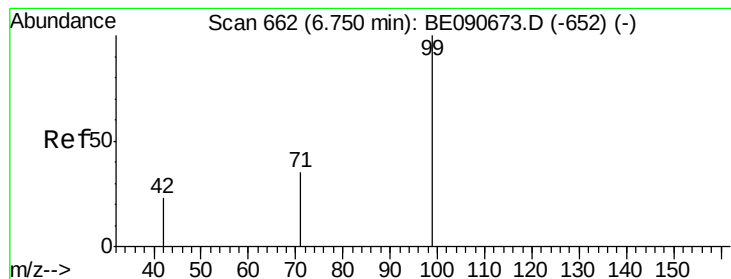
2-Fluorophenol
Concen: 3.16 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Tgt Ion: 112 Resp: 22123
Ion Ratio Lower Upper
112 100
64 71.8 57.3 85.9
63 37.5 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: 1.68 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-S

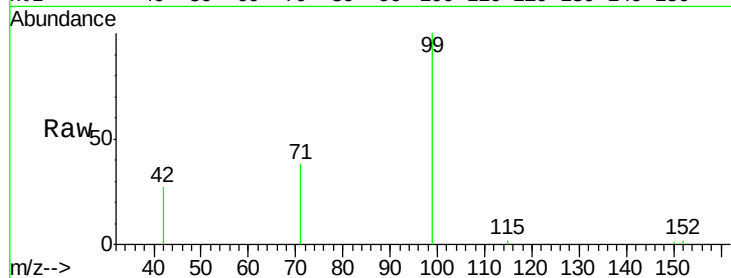
Tot Ion: 99 Resp: 16918

Ion Ratio Lower Upper

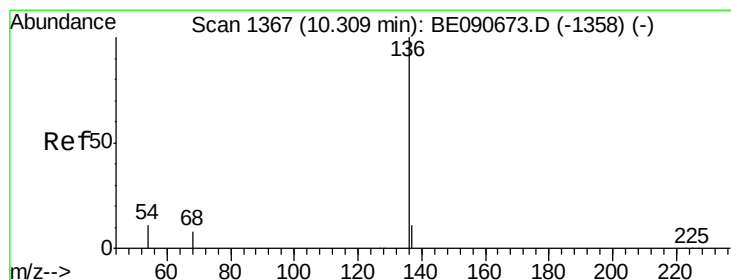
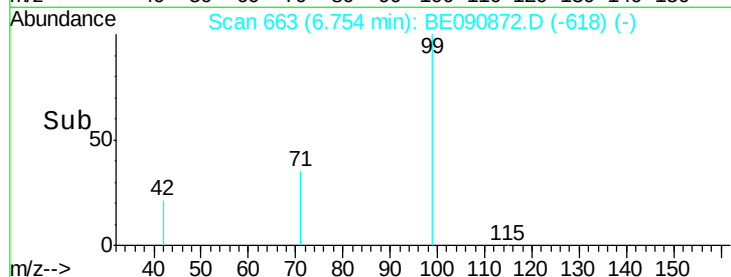
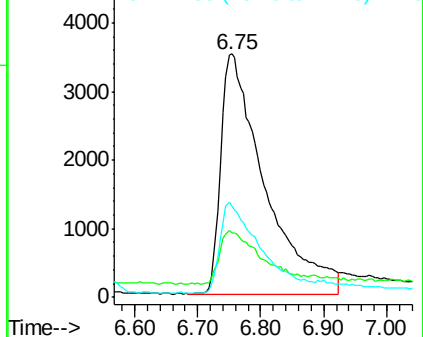
99 100

42 21.8 16.8 25.2

71 35.5 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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Tgt Ion: 136 Resp: 166595

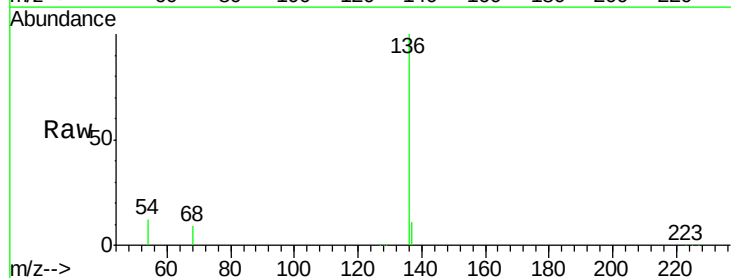
Ion Ratio Lower Upper

136 100

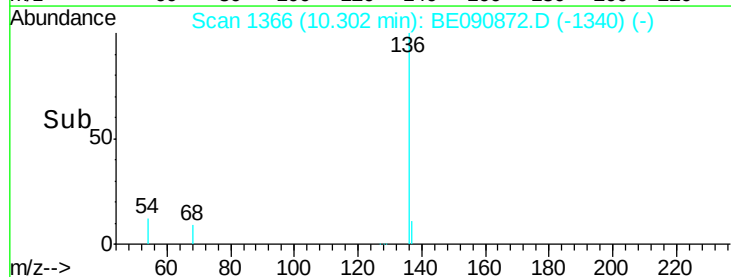
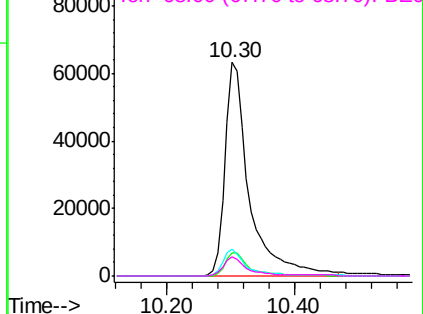
137 10.9 8.7 13.1

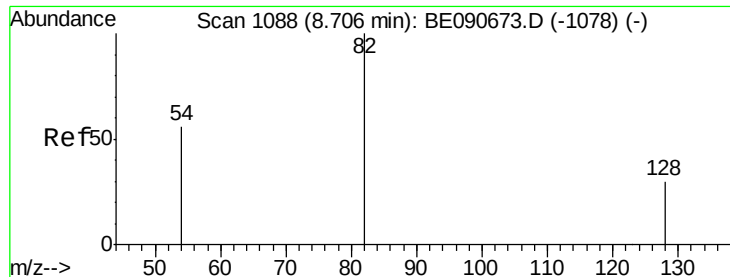
54 12.3 9.0 13.6

68 9.0 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: 3.39 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-S

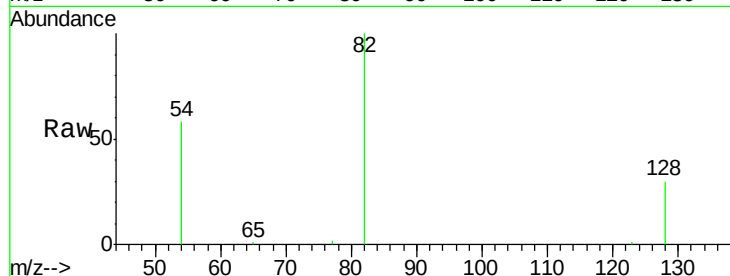
Tot Ion: 82 Resp: 37337

Ion Ratio Lower Upper

82 100

128 29.5 25.0 37.4

54 58.3 46.3 69.5

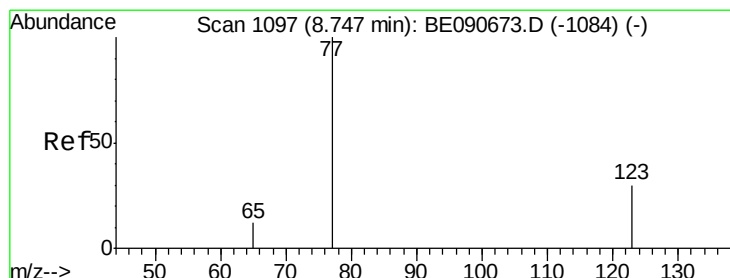
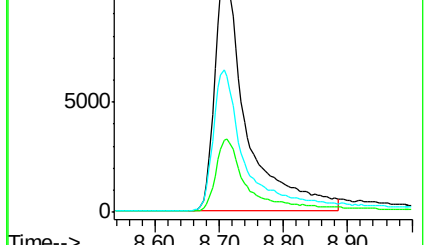
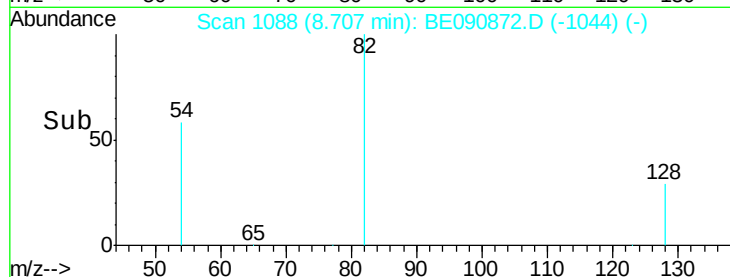


Abundance Ion 82.00 (81.70 to 82.70): BE090872.D (-1044) (-)

Ion 128.00 (127.70 to 128.70): BE090872.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090872.D (-1044) (-)

Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

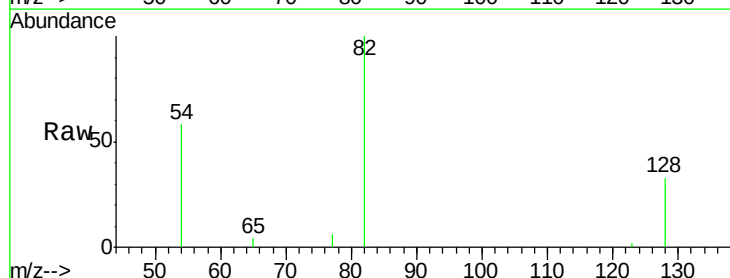
Tgt Ion: 77 Resp: 24

Ion Ratio Lower Upper

77 100

123 25.0 25.1 37.7#

65 0.0 9.9 14.9#

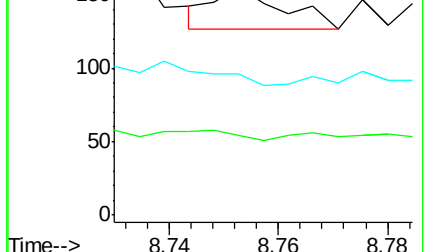
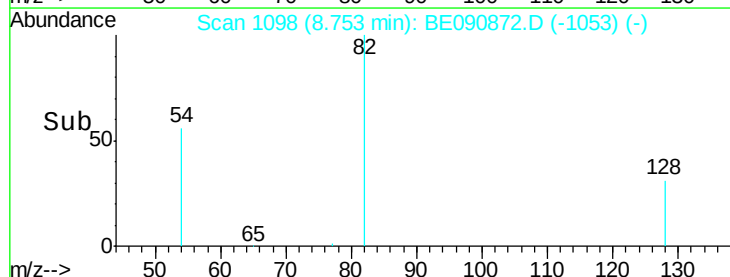


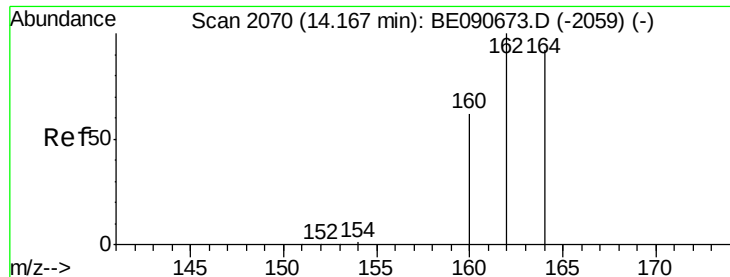
Abundance Ion 77.00 (76.70 to 77.70): BE090872.D (-1053) (-)

Ion 123.00 (122.70 to 123.70): BE090872.D (-1053) (-)

Ion 65.00 (64.70 to 65.70): BE090872.D (-1053) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Instrument :

BNA_E

ClientSampleId :

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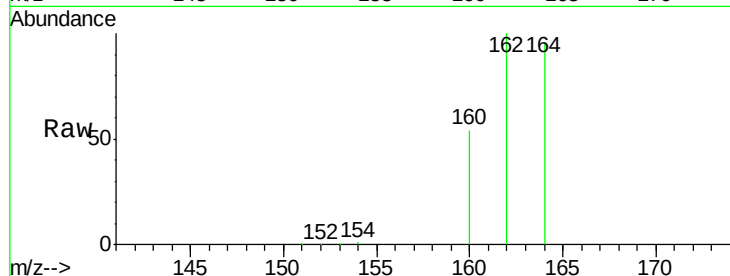
Tot Ion:164 Resp: 89868

Ion Ratio Lower Upper

164 100

162 105.3 86.8 130.2

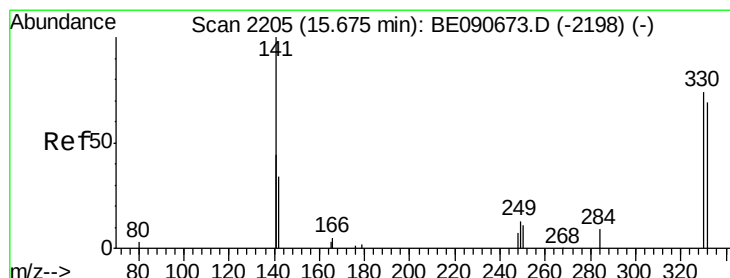
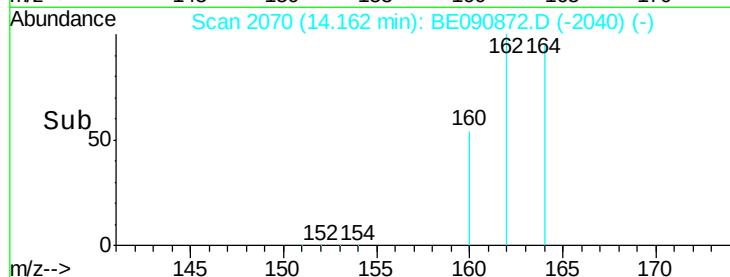
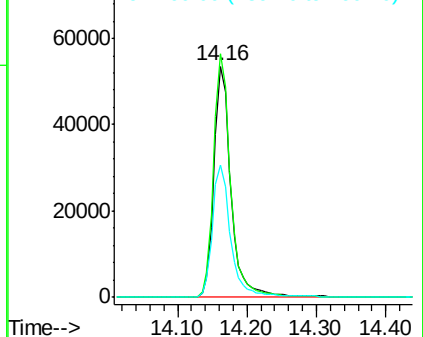
160 57.3 53.9 80.9



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: 6.64 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

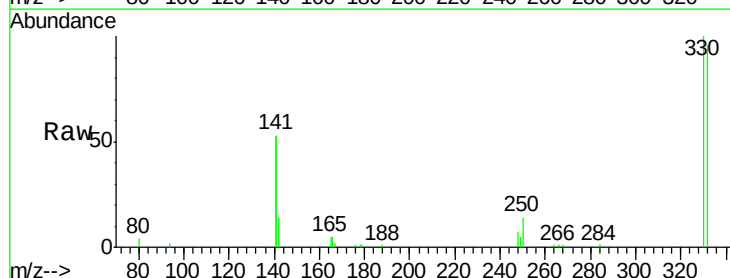
Tgt Ion:330 Resp: 17452

Ion Ratio Lower Upper

330 100

332 96.0 74.9 112.3

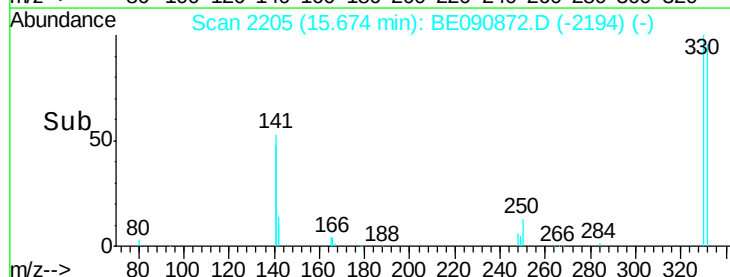
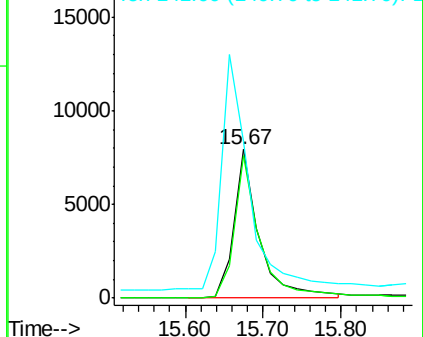
141 178.8 145.2 217.8

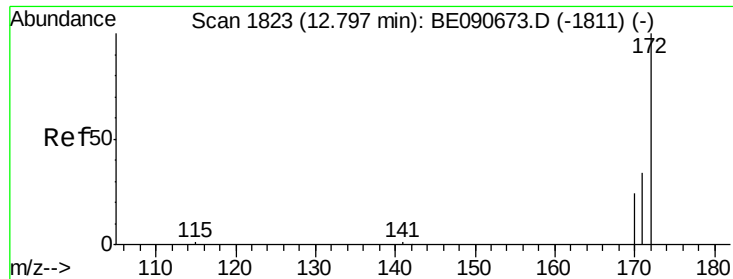


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

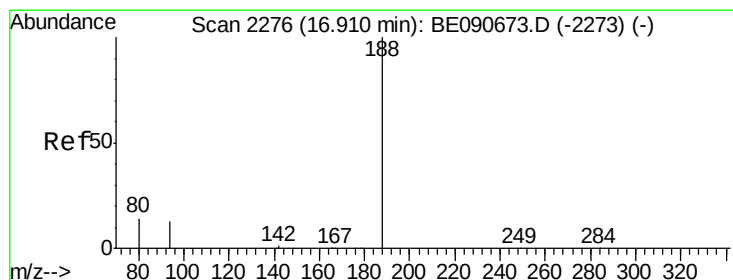
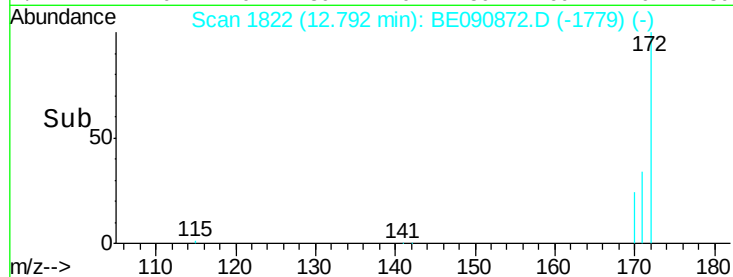
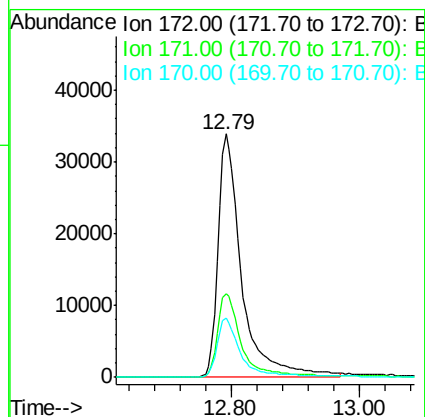
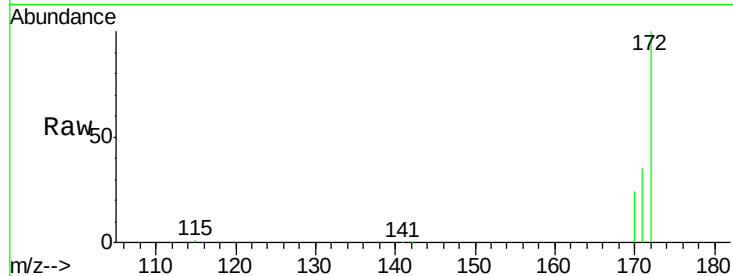




#14
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

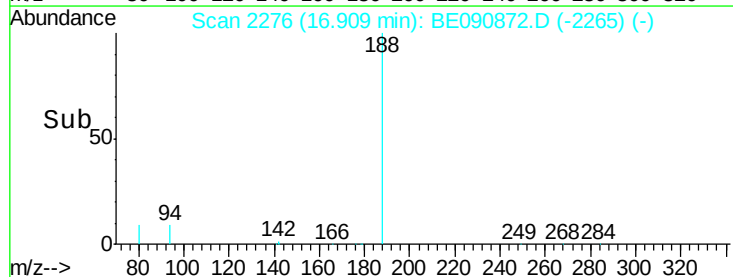
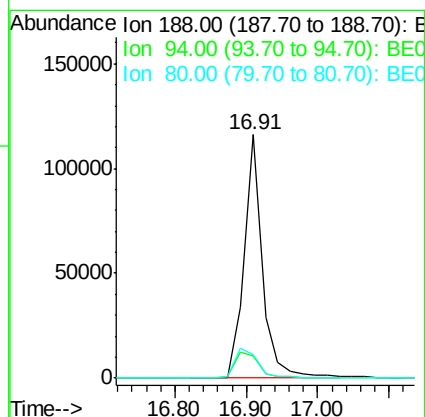
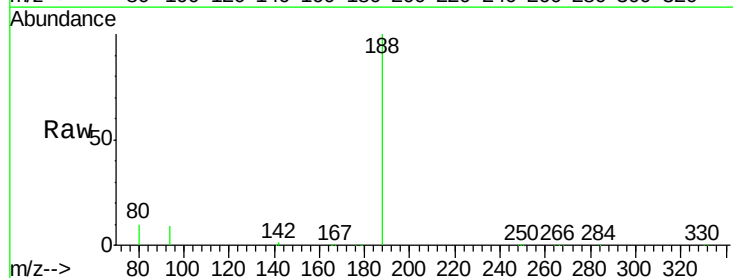
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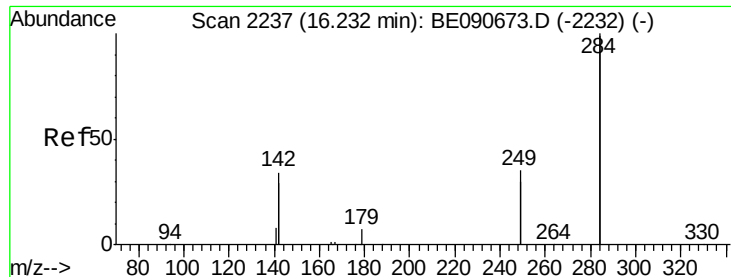
Tot Ion:172 Resp: 86300
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 24.1 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Tgt Ion:188 Resp: 204391
Ion Ratio Lower Upper
188 100
94 9.0 10.3 15.5#
80 9.6 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-S

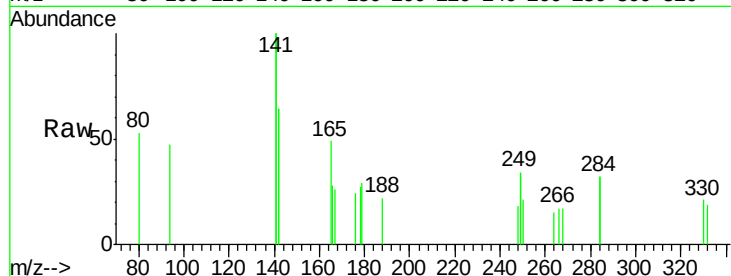
Tot Ion:284 Resp: 31

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

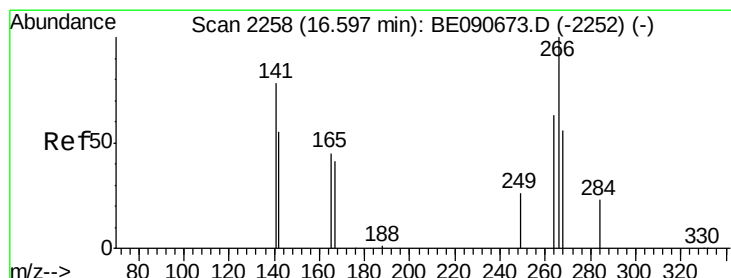
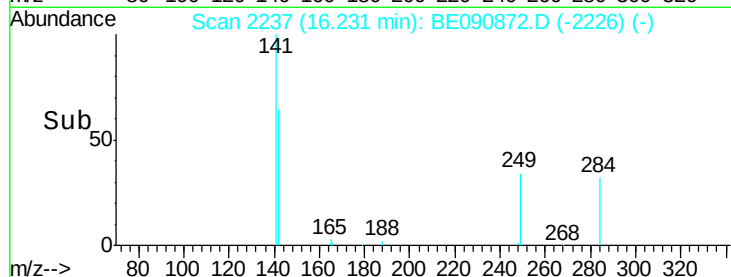
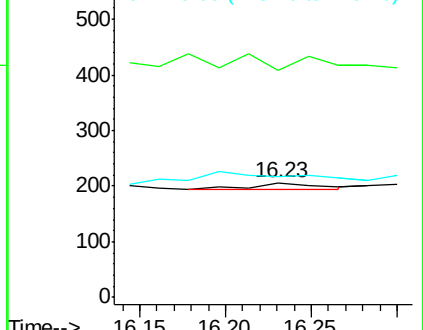
249 0.0 25.5 38.3#



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: 16.56 min Scan# 2256

Delta R.T. -0.04 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

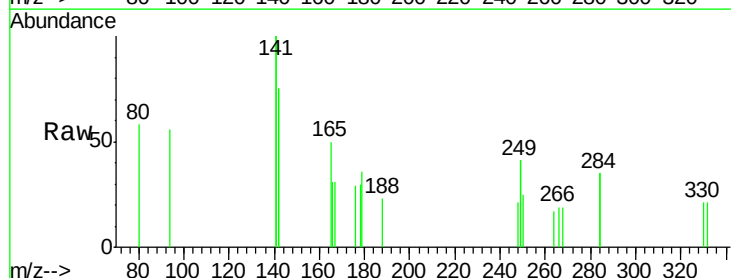
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 98.1 49.6 74.4#

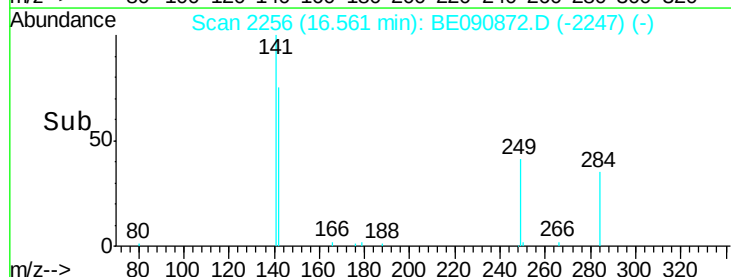
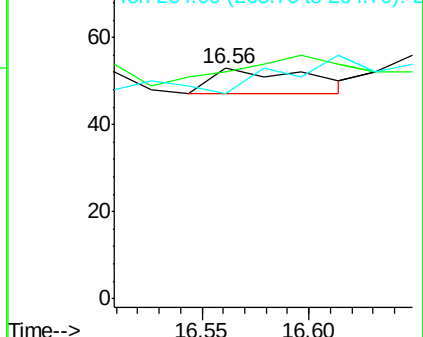
264 88.7 53.9 80.9#

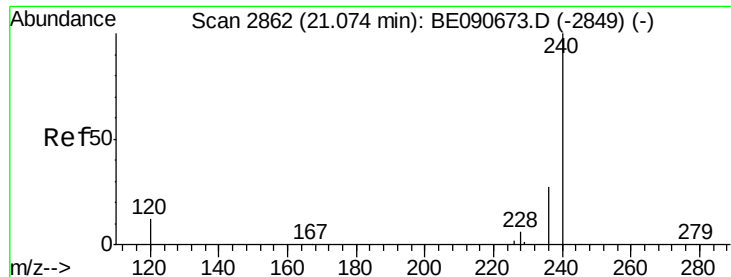


Abundance Ion 265.70 (265.40 to 266.40): E

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. -0.01 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-S

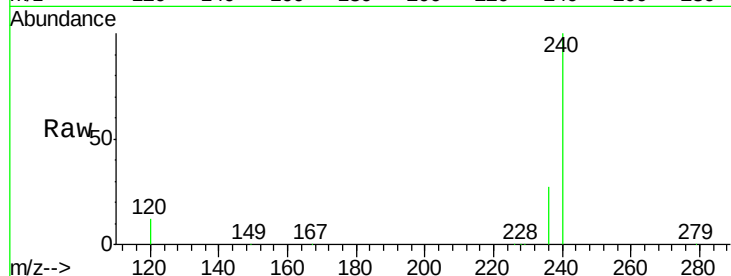
Tot Ion:240 Resp: 236502

Ion Ratio Lower Upper

240 100

120 12.3 10.1 15.1

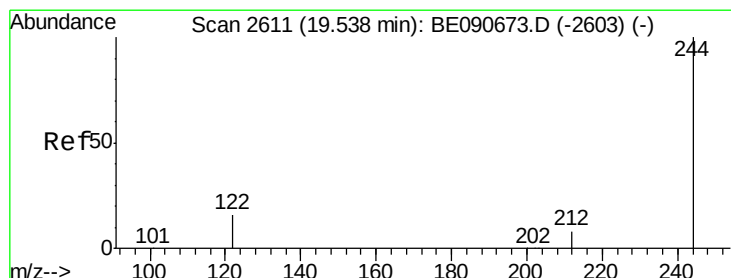
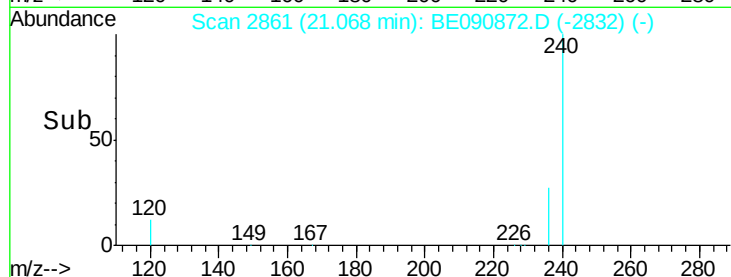
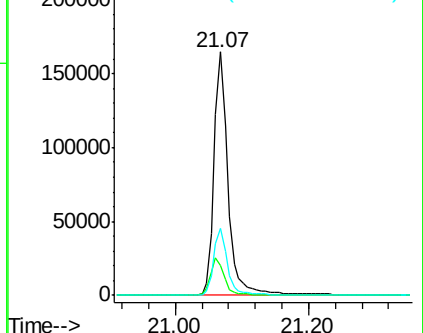
236 27.3 21.9 32.9



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: 5.20 ng

RT: 19.52 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

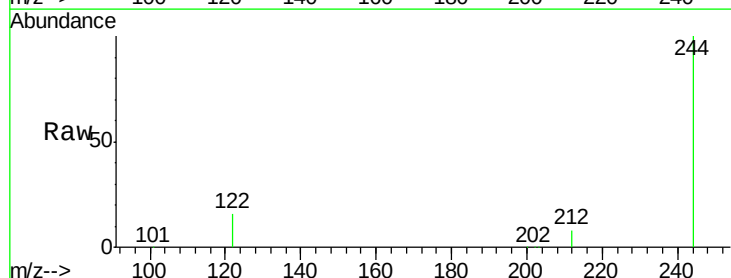
Tgt Ion:244 Resp: 136073

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

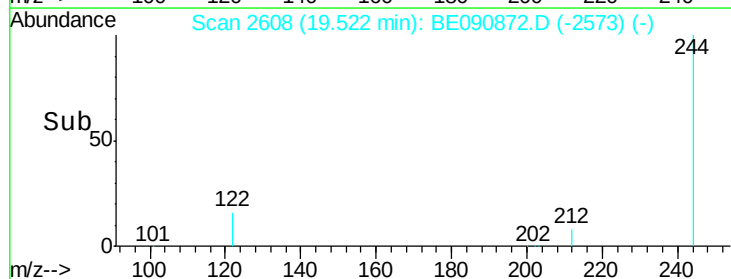
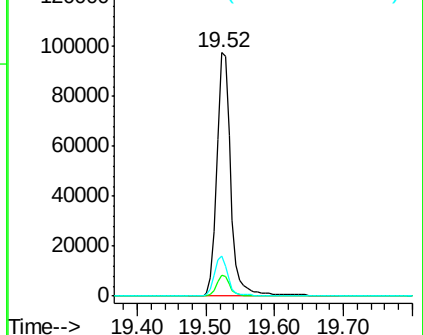
122 16.3 12.9 19.3

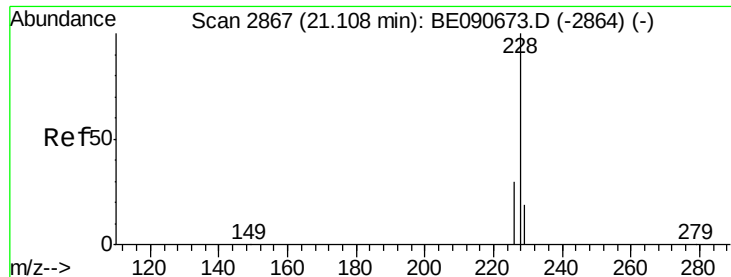


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2866

Delta R.T. -0.01 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-S

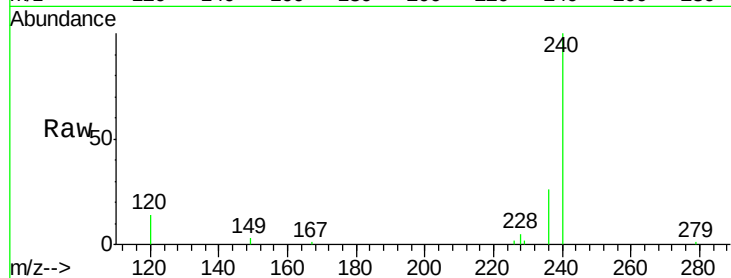
Tot Ion:228 Resp: 483

Ion Ratio Lower Upper

228 100

226 40.3 24.2 36.4#

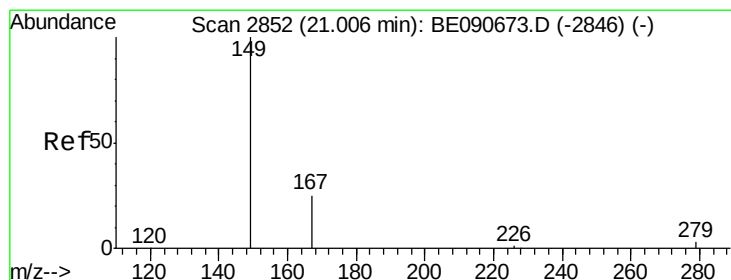
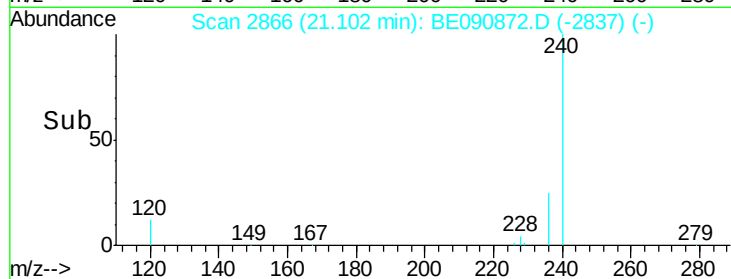
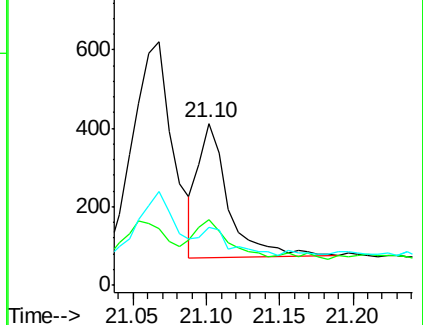
229 35.7 15.3 22.9#



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: 0.18 ng

RT: 20.99 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090872.D

Acq: 17 Sep 2015 19:41

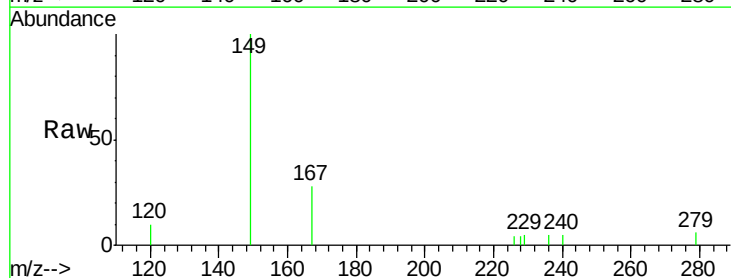
Tgt Ion:149 Resp: 1580

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

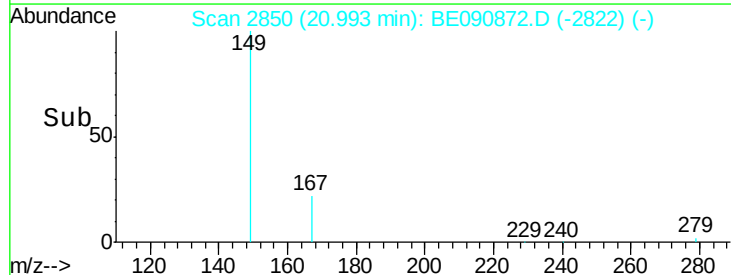
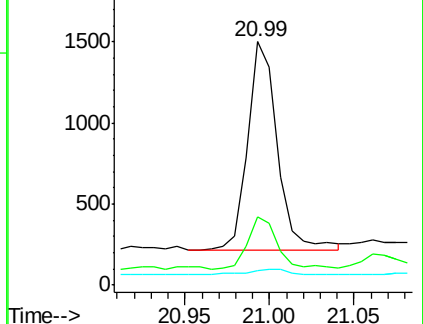
279 4.0 2.3 3.5#

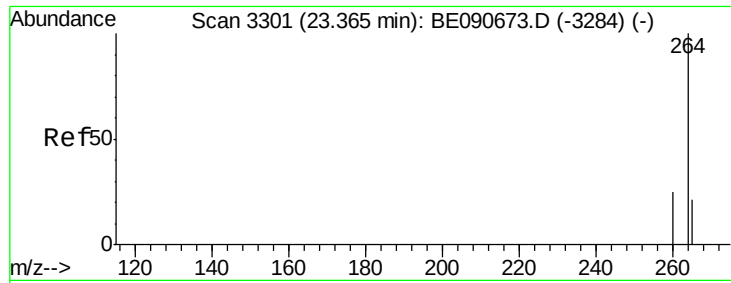


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

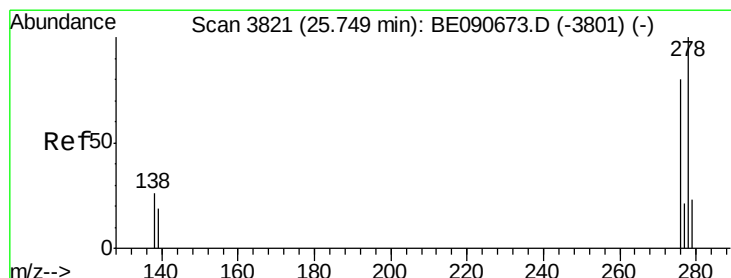
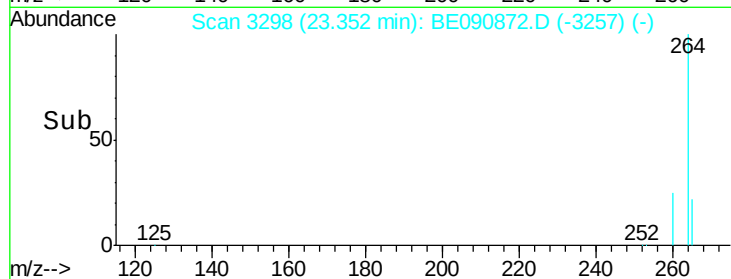
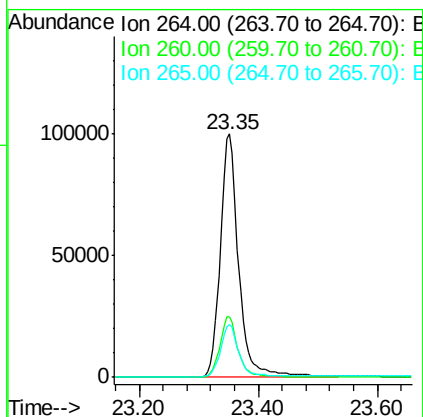
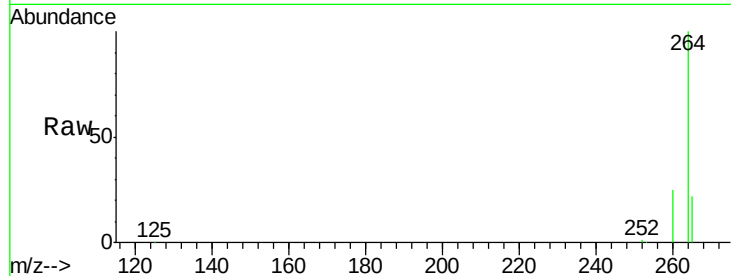




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Instrument :
BNA_E
ClientSampleId :
091515-D549-F-U-S

Tot Ion:264 Resp: 216194
Ion Ratio Lower Upper
264 100
260 24.9 19.7 29.5
265 22.0 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3820
Delta R.T. -0.00 min
Lab File: BE090872.D
Acq: 17 Sep 2015 19:41

Tgt Ion:278 Resp: 83
Ion Ratio Lower Upper
278 100
139 100.0 15.4 23.0#
279 90.9 18.8 28.2#

