

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090773.D
 Acq On : 10 Sep 2015 22:21
 Operator : UM/IZ
 Sample : G3598-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-U-M

Quant Time: Sep 11 03:37:03 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	41009	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	181961	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	95894	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	243533	5.00	ng	0.00
25) Chrysene-d12	21.07	240	286283	5.00	ng	0.00
32) Perylene-d12	23.36	264	251465	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	25653	3.22	ng	0.00
5) Phenol-d6	6.75	99	21388	1.87	ng	0.00
7) Nitrobenzene-d5	8.71	82	43362	3.61	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	19577	6.97	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	97941	3.69	ng	0.00
27) Terphenyl-d14	19.53	244	166933	5.27	ng	-0.01

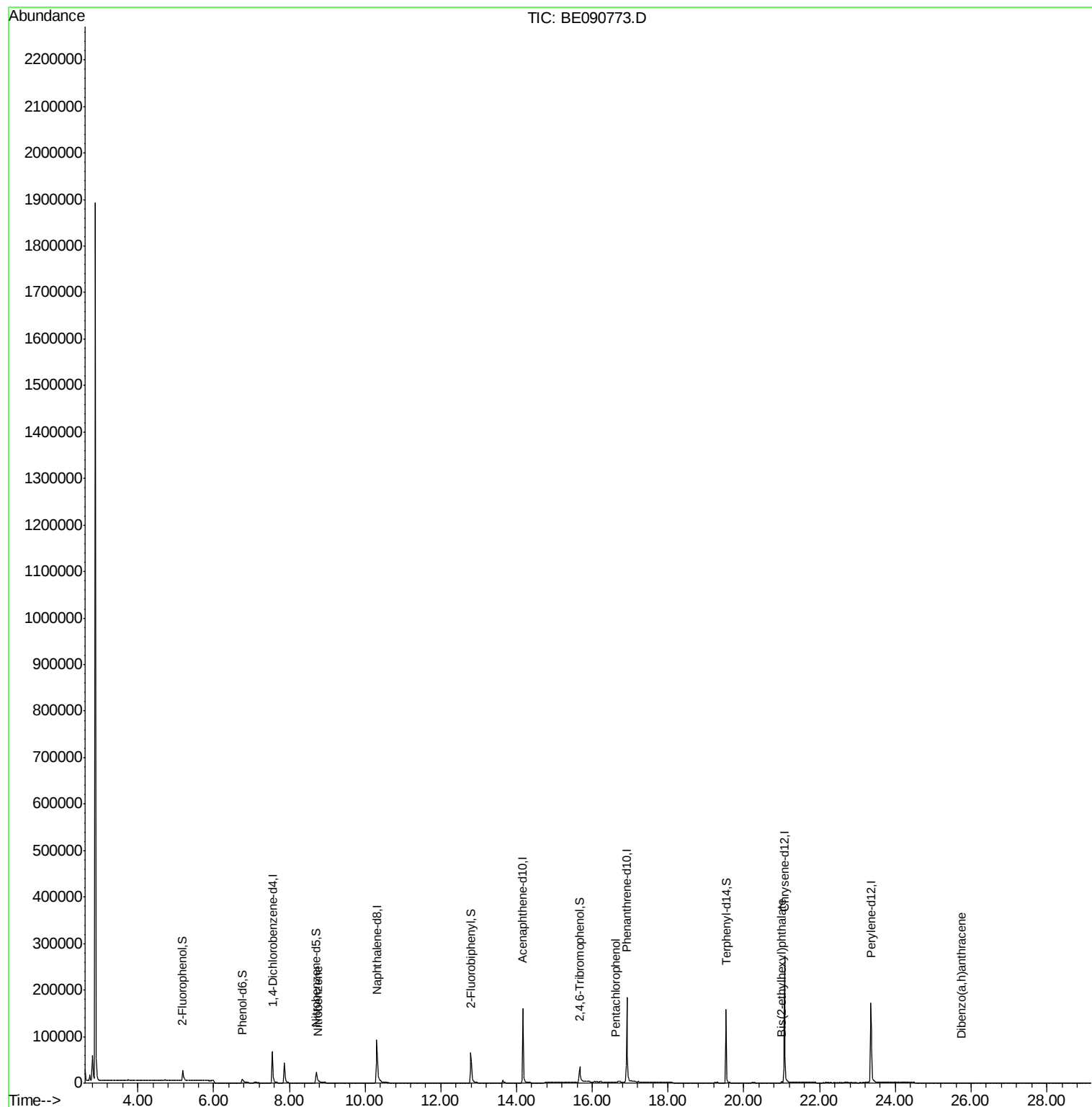
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	156	Below Cal	#	17
3) n-Nitrosodimethylamine	3.45	42	91	Below Cal	#	6
8) Nitrobenzene	8.77	77	20	0.11 ng	#	44
20) Hexachlorobenzene	16.23	284	88	Below Cal	#	1
21) Pentachlorophenol	16.61	266	44	0.47 ng	#	63
29) Chrysene	21.11	228	269	Below Cal	#	59
30) Bis(2-ethylhexyl)phthalate	21.00	149	2942	0.24 ng	#	98
36) Dibenzo(a,h)anthracene	25.74	278	13	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: BE090773.D

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BNA_E

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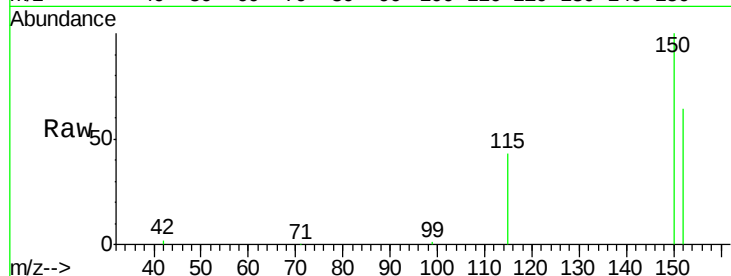
Tot Ion:152 Resp: 41009

Ion Ratio Lower Upper

152 100

150 155.1 122.2 183.4

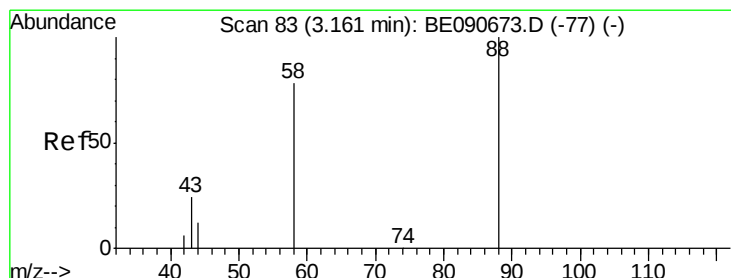
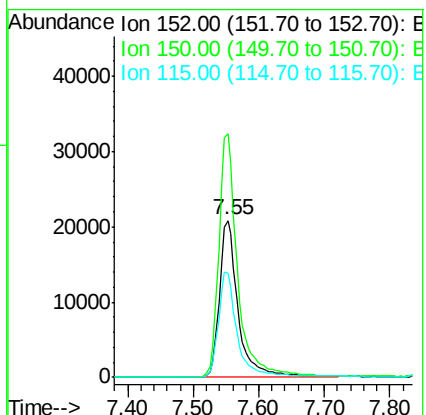
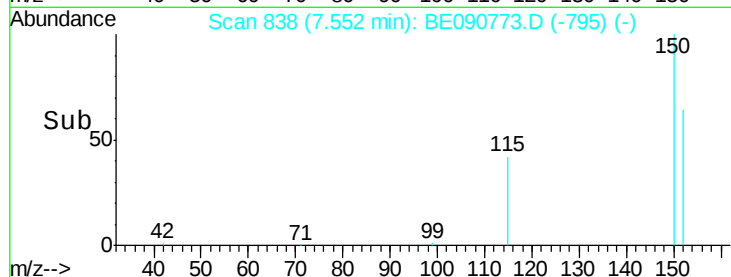
115 66.1 51.0 76.4



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: 3.18 min Scan# 85

Delta R.T. 0.01 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

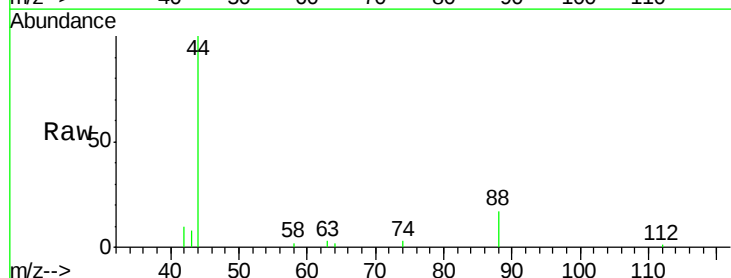
Tgt Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

58 26.9 68.4 102.6#

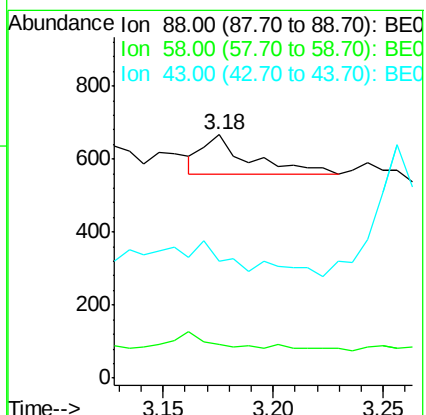
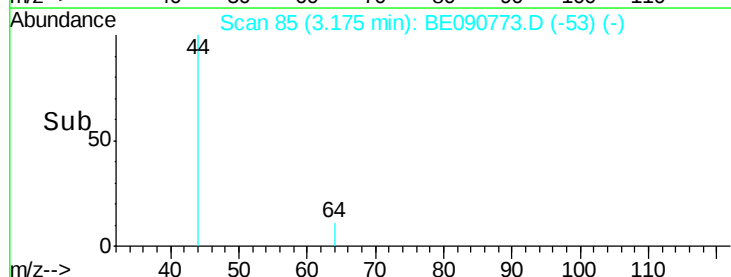
43 109.0 26.9 40.3#



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



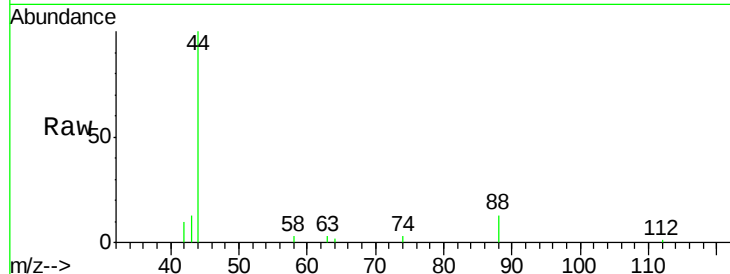


#3

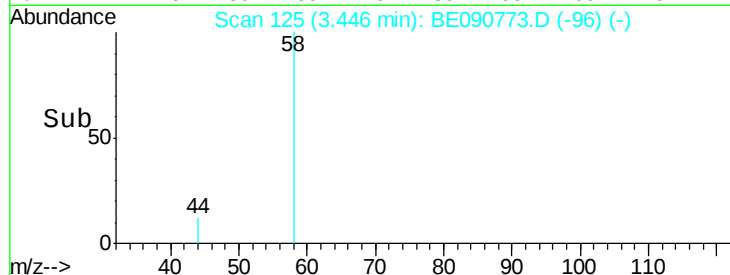
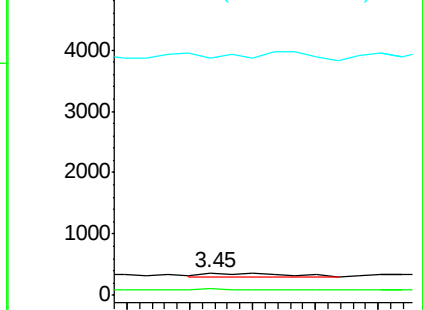
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090773.D
 Acq: 10 Sep 2015 22:21

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-U-M

Tot Ion	Ratio	Lower	Upper
42	100		
74	23.1	83.7	125.5#
44	95.6	10.0	15.0#



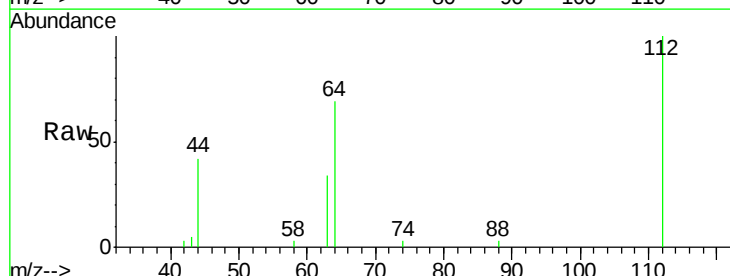
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



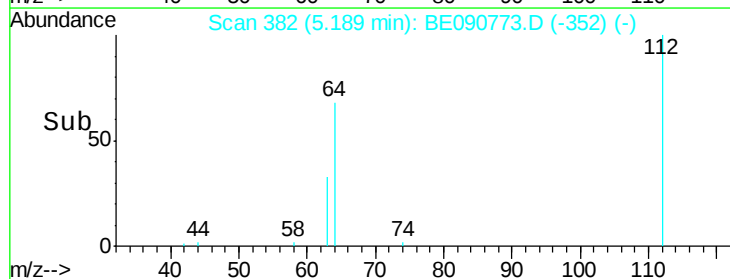
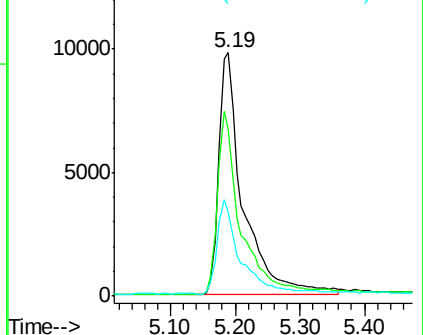
#4

2-Fluorophenol
 Concen: 3.22 ng
 RT: 5.19 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: BE090773.D
 Acq: 10 Sep 2015 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.3	85.9
63	37.3	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: 1.87 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-M

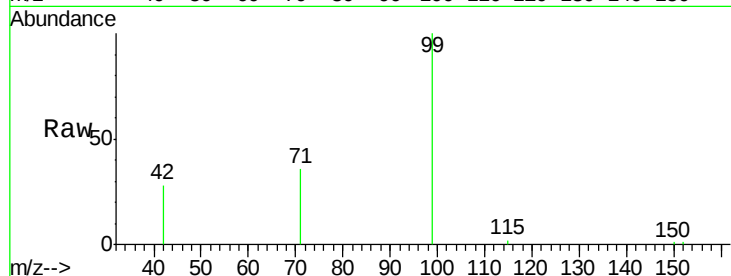
Tot Ion: 99 Resp: 21388

Ion Ratio Lower Upper

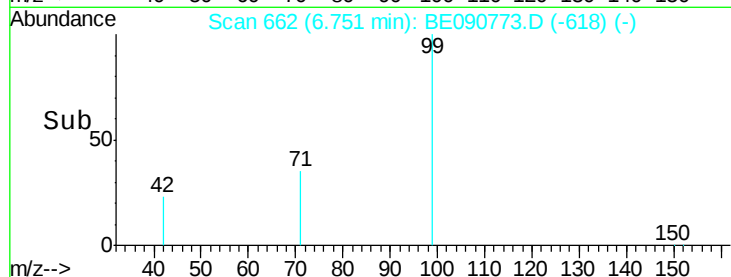
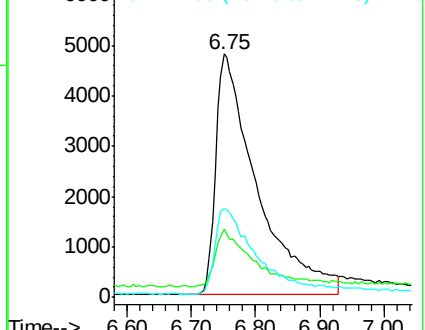
99 100

42 22.1 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: BE090773.D

Acq: 10 Sep 2015 22:21

Tgt Ion: 136 Resp: 181961

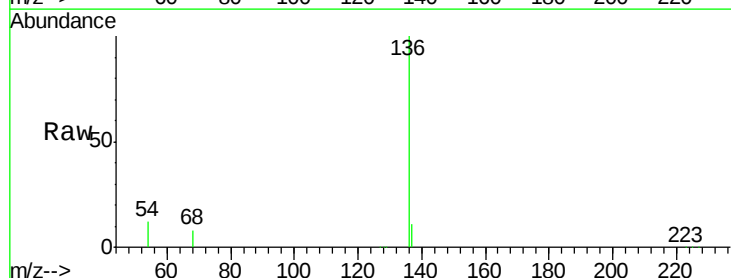
Ion Ratio Lower Upper

136 100

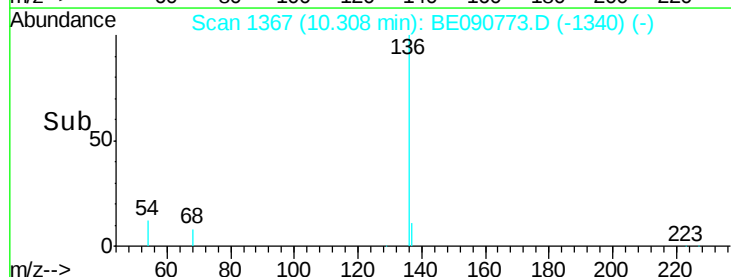
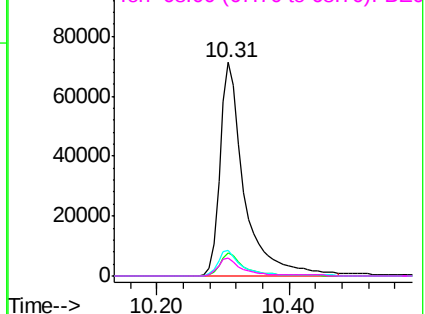
137 11.0 8.7 13.1

54 11.9 9.0 13.6

68 8.4 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: 3.61 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-M

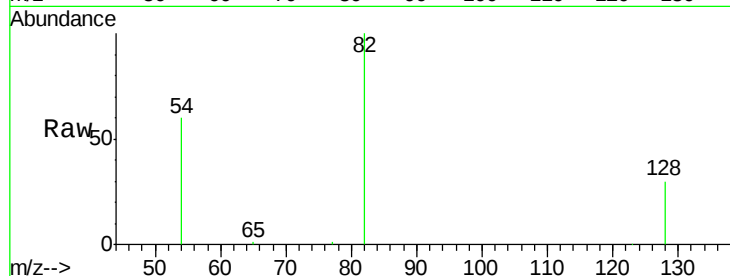
Tot Ion: 82 Resp: 43362

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.4

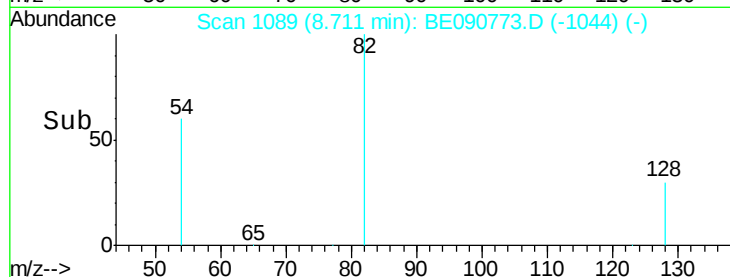
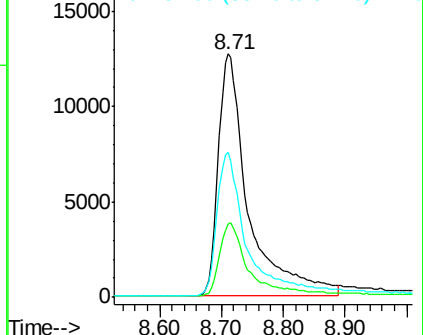
54 59.8 46.3 69.5



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: 8.77 min Scan# 1103

Delta R.T. 0.03 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

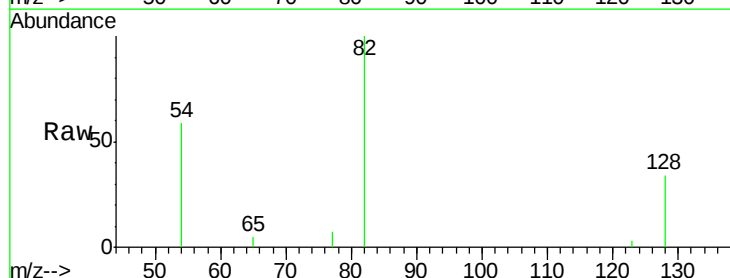
Tgt Ion: 77 Resp: 20

Ion Ratio Lower Upper

77 100

123 20.0 25.1 37.7#

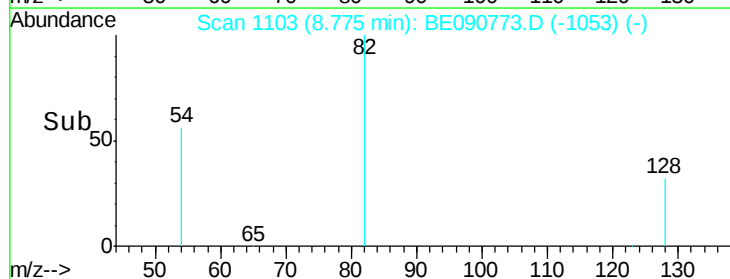
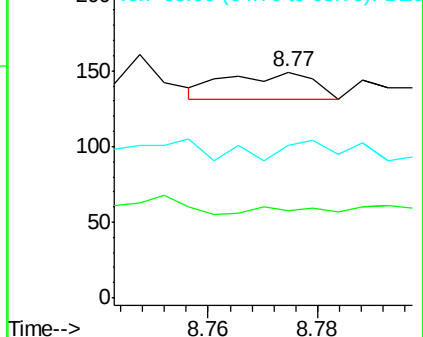
65 70.0 9.9 14.9#



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: BE090773.D

Acq: 10 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-M

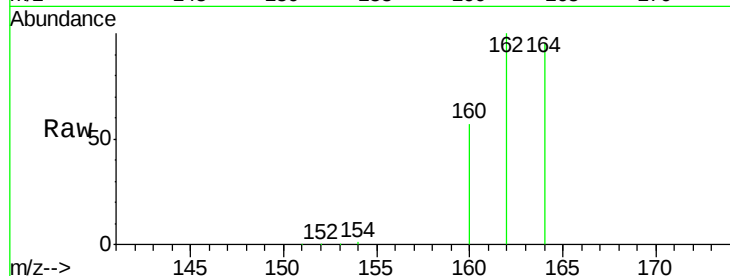
Tot Ion:164 Resp: 95894

Ion Ratio Lower Upper

164 100

162 105.6 86.8 130.2

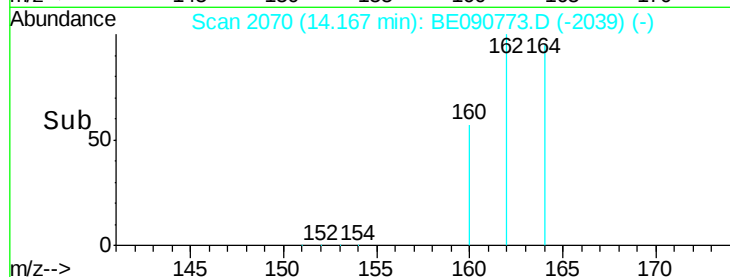
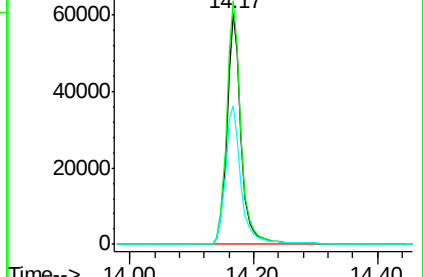
160 60.0 53.9 80.9



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: 6.97 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

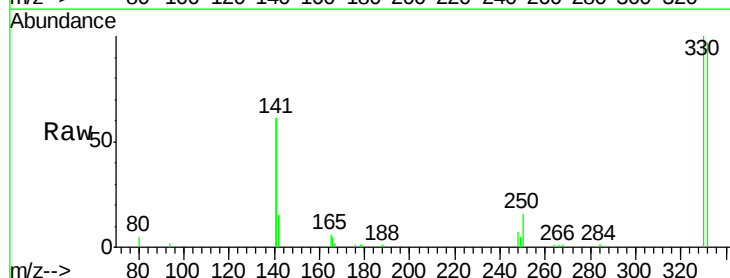
Tgt Ion:330 Resp: 19577

Ion Ratio Lower Upper

330 100

332 98.0 74.9 112.3

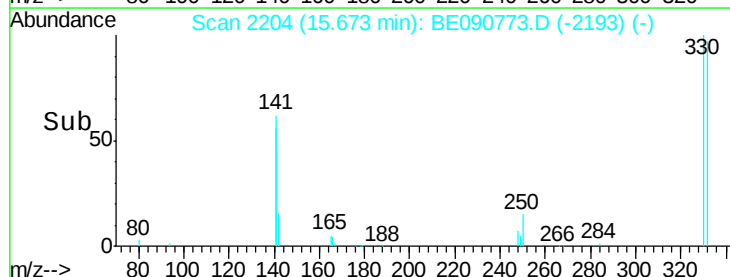
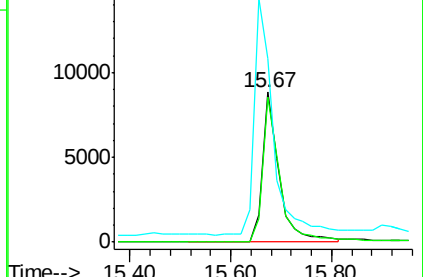
141 181.5 145.2 217.8



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

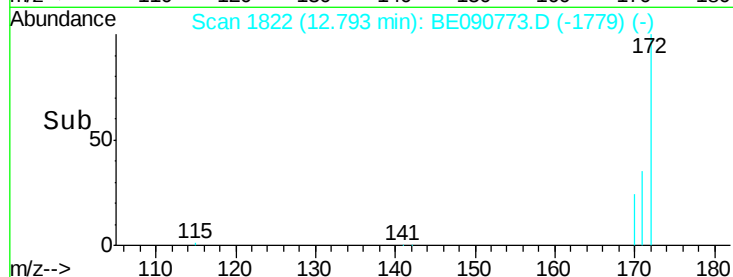
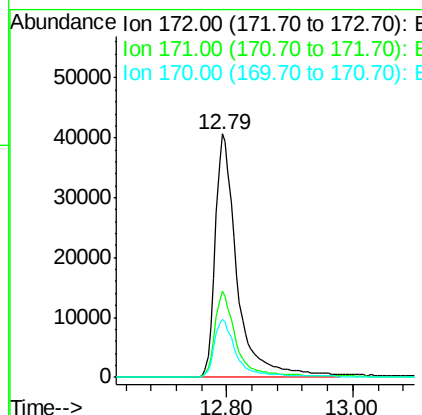
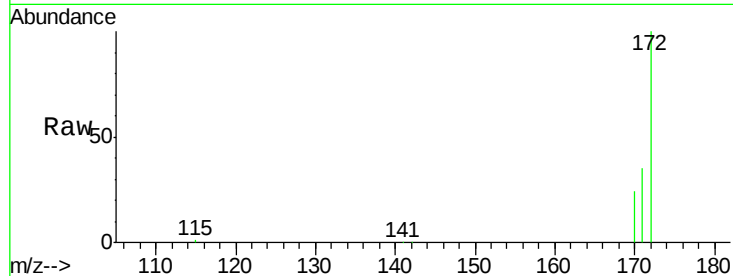




#14
2-Fluorobiphenyl
Concen: 3.69 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

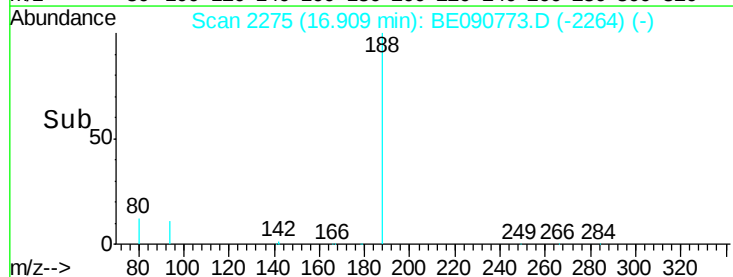
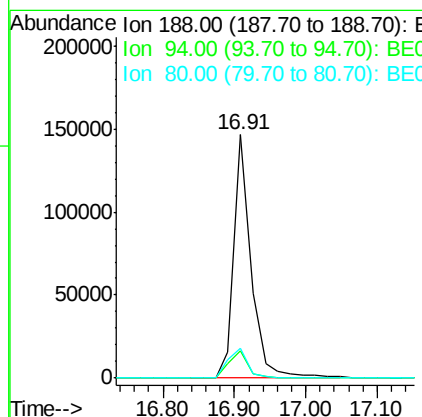
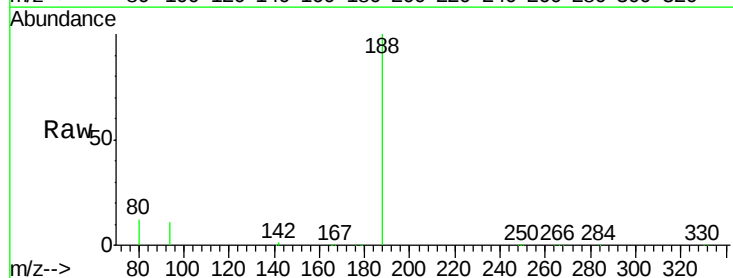
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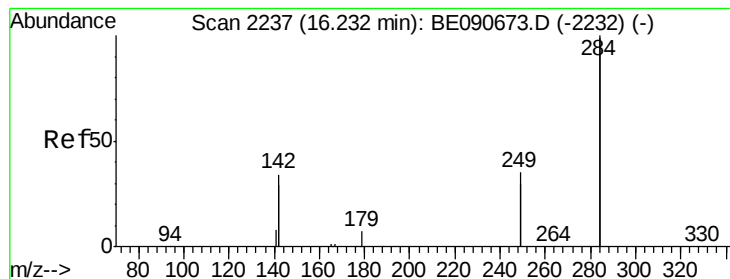
Tot Ion:172 Resp: 97941
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.9 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:188 Resp: 243533
Ion Ratio Lower Upper
188 100
94 11.1 10.3 15.5
80 12.3 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-M

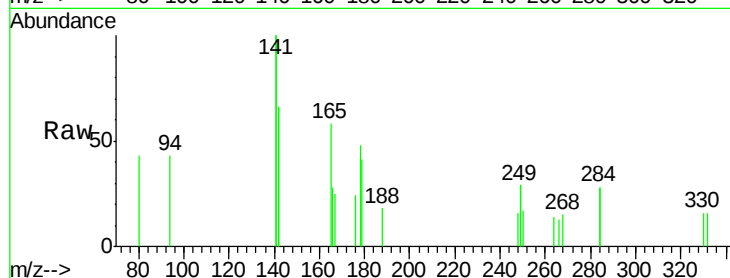
Tot Ion:284 Resp: 88

Ion Ratio Lower Upper

284 100

142 388.6 35.0 52.4#

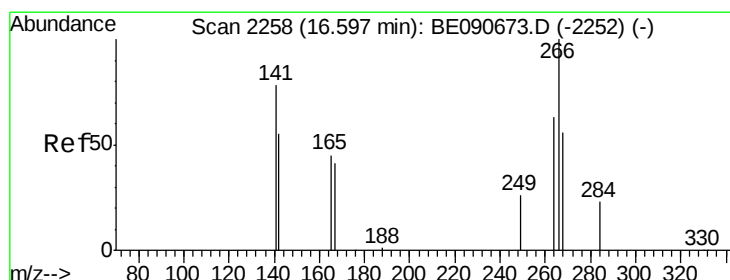
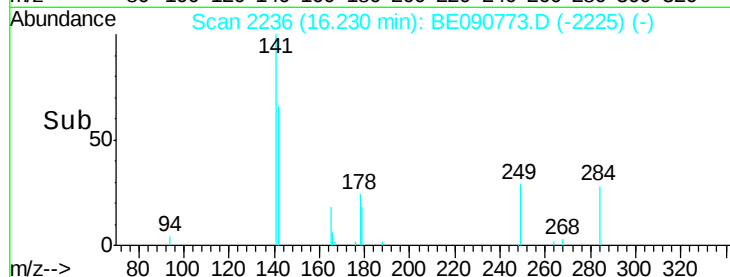
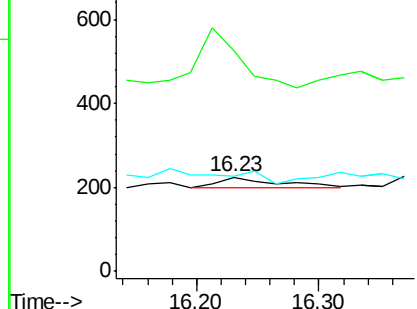
249 0.0 25.5 38.3#



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# 2258

Delta R.T. 0.02 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

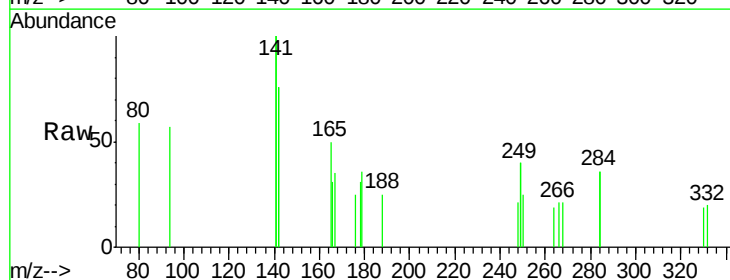
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

268 98.3 49.6 74.4#

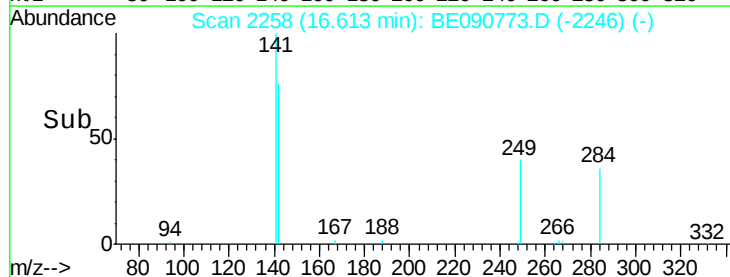
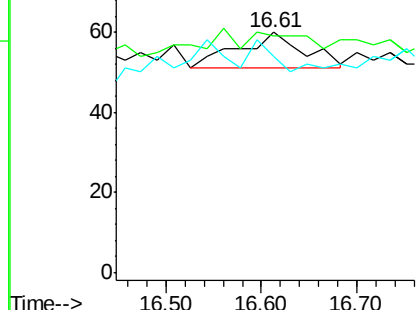
264 90.0 53.9 80.9#

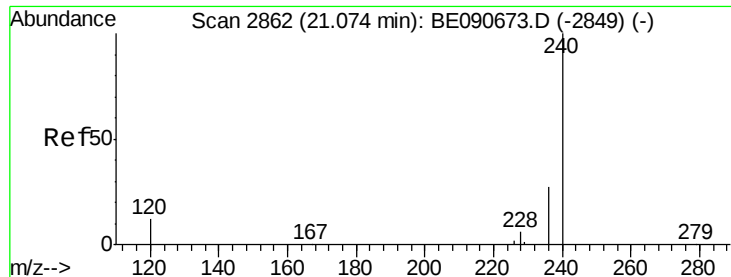


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090773.D

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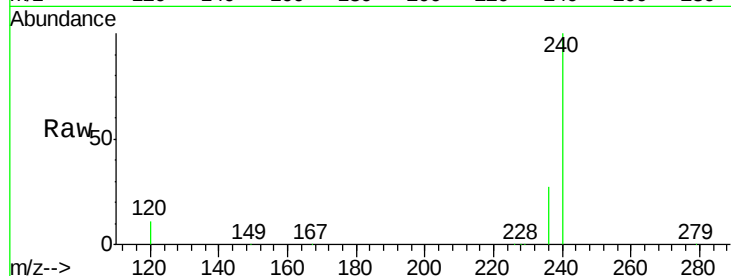
Tot Ion:240 Resp: 286283

Ion Ratio Lower Upper

240 100

120 10.7 10.1 15.1

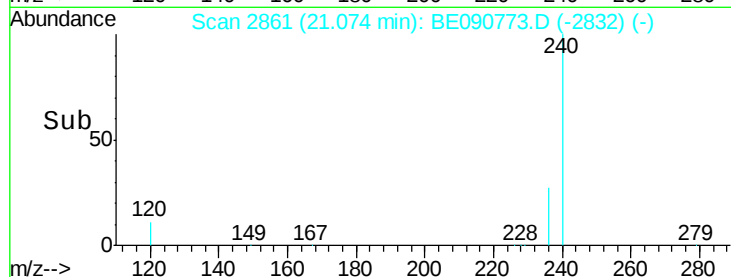
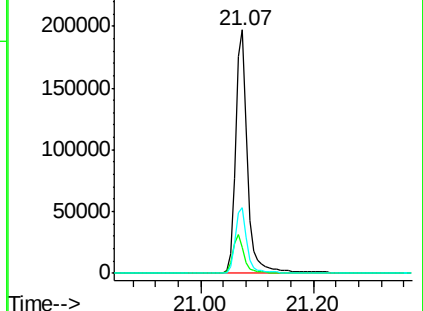
236 26.9 21.9 32.9



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: 5.27 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

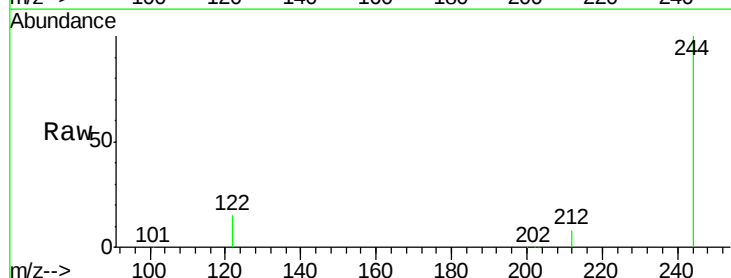
Tgt Ion:244 Resp: 166933

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

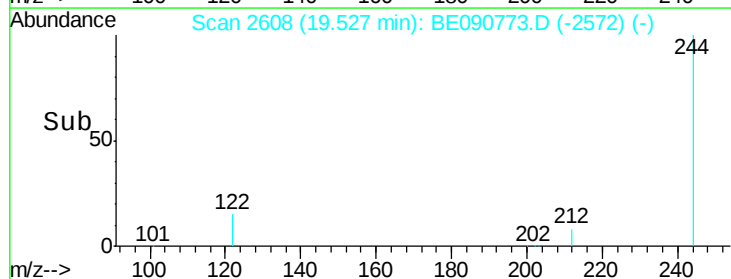
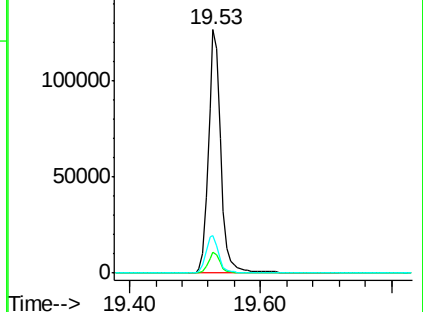
122 15.5 12.9 19.3

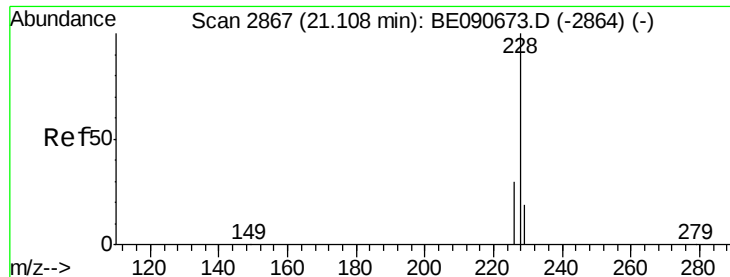


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE090773.D

Acq: 10 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-M

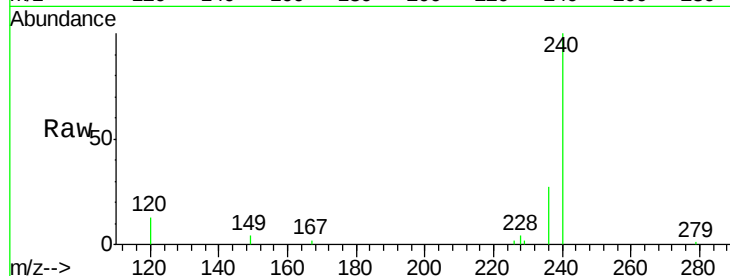
Tot Ion:228 Resp: 269

Ion Ratio Lower Upper

228 100

226 48.2 24.2 36.4#

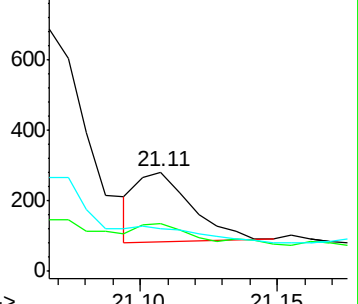
229 42.9 15.3 22.9#



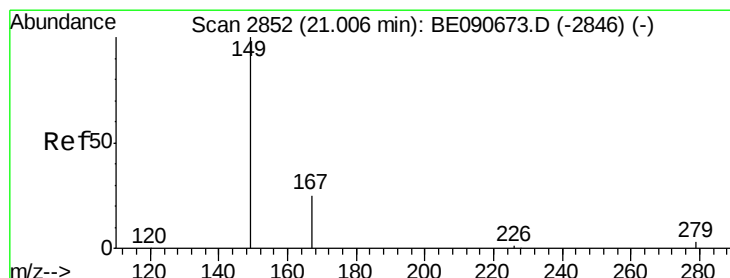
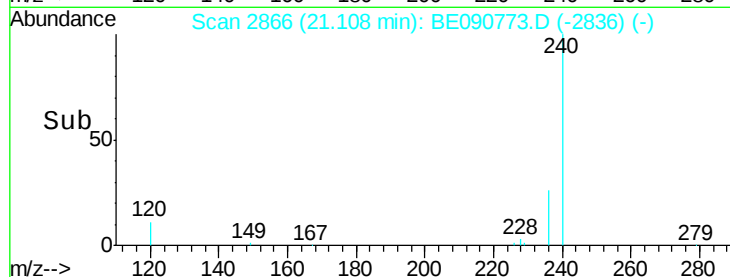
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090773.D

Acq: 10 Sep 2015 22:21

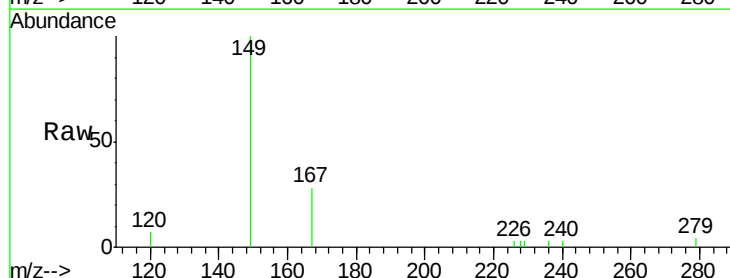
Tgt Ion:149 Resp: 2942

Ion Ratio Lower Upper

149 100

167 24.2 20.1 30.1

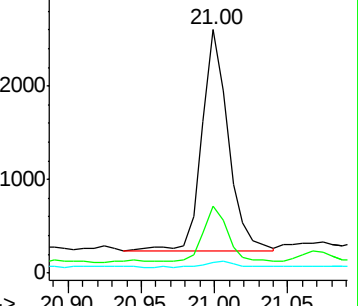
279 3.3 2.3 3.5



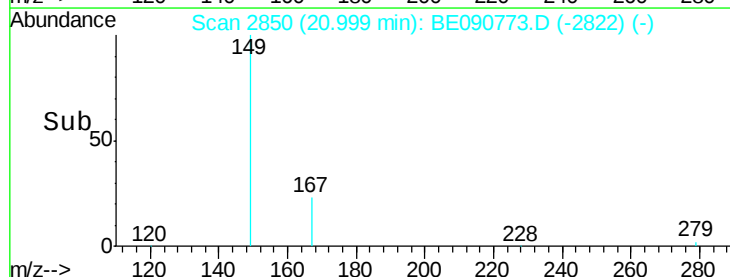
Abundance Ion 149.00 (148.70 to 149.70): E

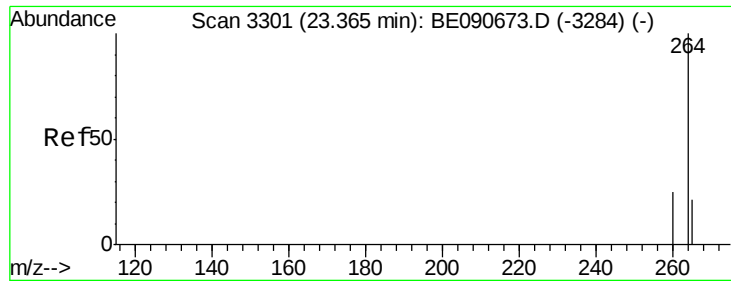
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

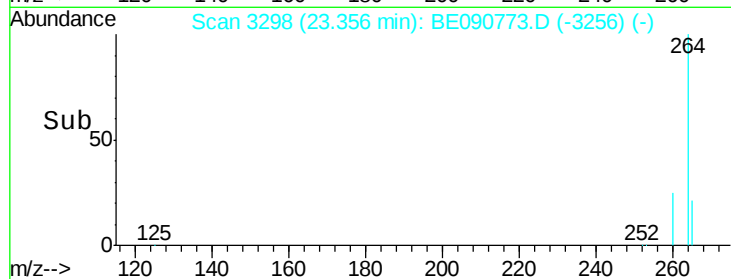
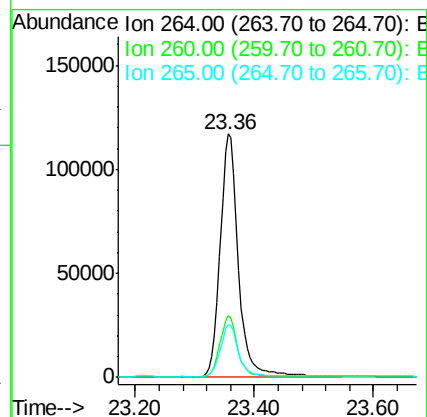




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-M

Tot Ion:264 Resp: 251465
Ion Ratio Lower Upper
264 100
260 25.3 19.7 29.5
265 21.5 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3819
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:278 Resp: 13
Ion Ratio Lower Upper
278 100
139 129.7 15.4 23.0#
279 120.3 18.8 28.2#

