

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
 Data File : BE090815.D
 Acq On : 15 Sep 2015 1:08
 Operator : UM/IZ
 Sample : G3658-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-U-M

Quant Time: Sep 15 03:52:00 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	35460	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	145881	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	73318	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	183745	5.00	ng	0.00
25) Chrysene-d12	21.07	240	235862	5.00	ng	0.00
32) Perylene-d12	23.35	264	229217	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	18453	2.68	ng	0.00
5) Phenol-d6	6.75	99	13471	1.36	ng	0.00
7) Nitrobenzene-d5	8.71	82	33190	3.44	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	12768	5.97	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	74686	3.68	ng	0.00
27) Terphenyl-d14	19.53	244	130089	4.99	ng	-0.01

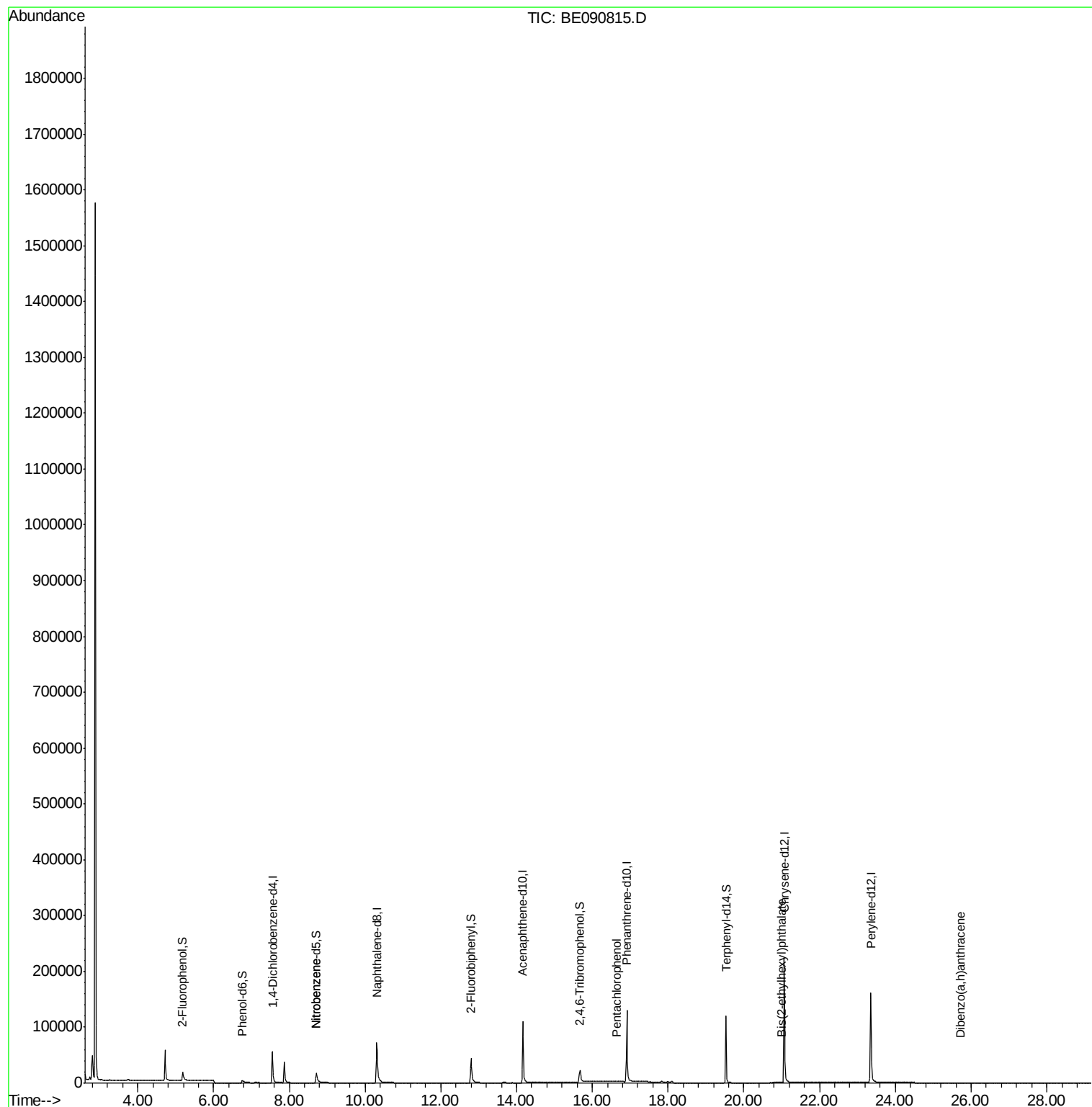
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	52	Below Cal	#	1
3) n-Nitrosodimethylamine	3.43	42	61	Below Cal	#	12
8) Nitrobenzene	8.71	77	86	0.12 ng	#	53
20) Hexachlorobenzene	16.16	284	75	Below Cal	#	37
21) Pentachlorophenol	16.65	266	25	0.47 ng	#	60
29) Chrysene	21.07	228	826	Below Cal	#	77
30) Bis(2-ethylhexyl)phthalate	21.00	149	1541	0.18 ng	#	93
36) Dibenzo(a,h)anthracene	25.73	278	7	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: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

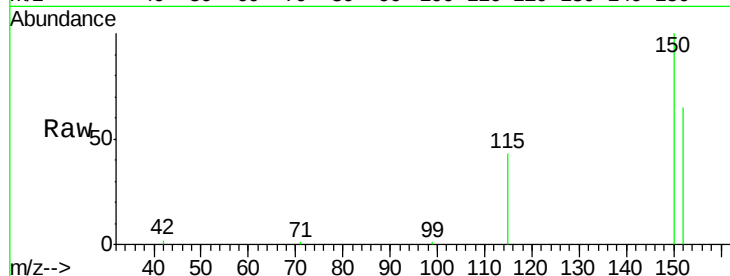
Tot Ion:152 Resp: 35460

Ion Ratio Lower Upper

152 100

150 154.9 122.2 183.4

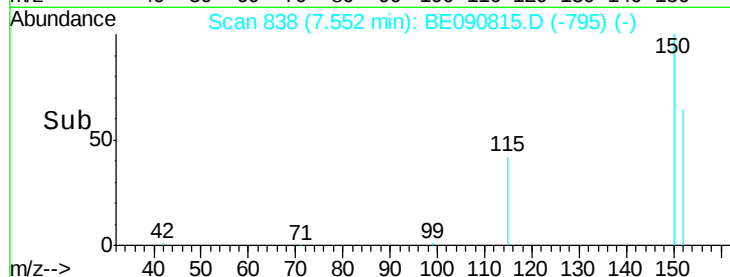
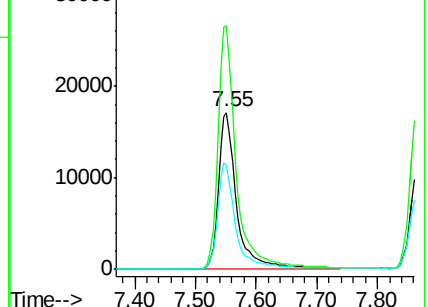
115 66.1 51.0 76.4



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: 3.24 min Scan# 94

Delta R.T. 0.08 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

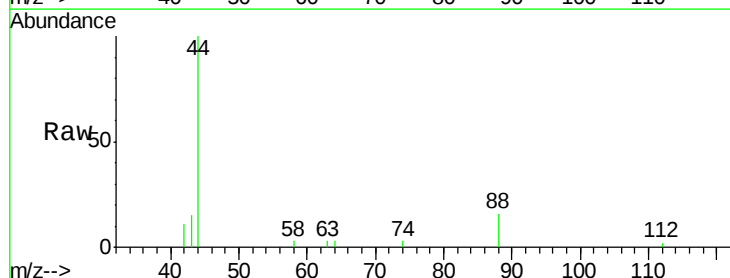
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

58 30.8 68.4 102.6#

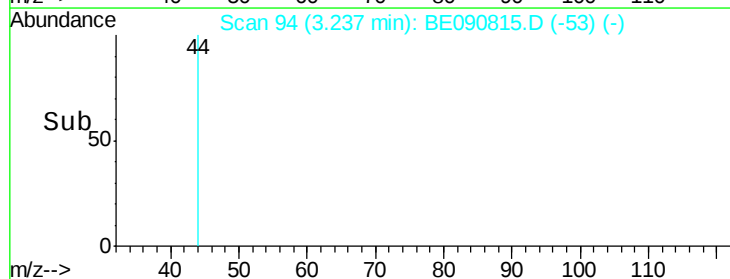
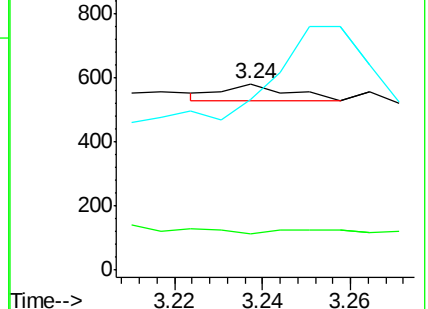
43 946.2 26.9 40.3#



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



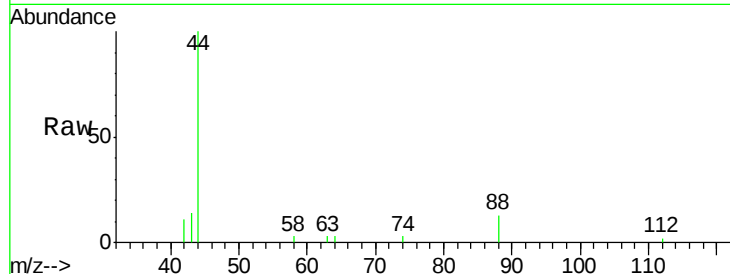


#3

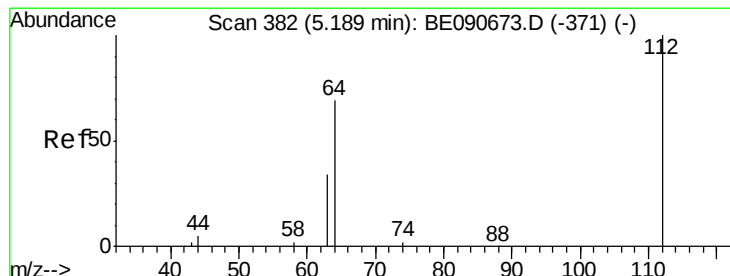
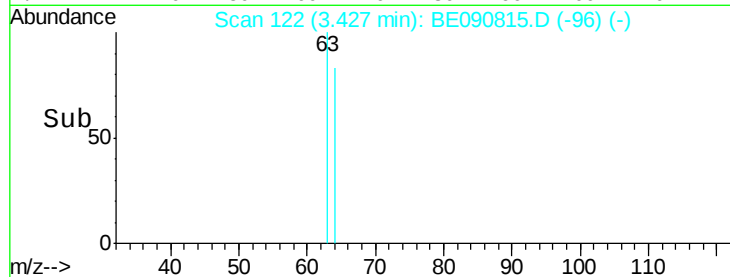
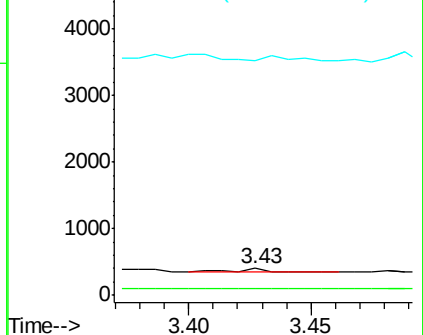
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.43 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BE090815.D
 Acq: 15 Sep 2015 1:08

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-U-M

Tot Ion: 42 Resp: 61
 Ion Ratio Lower Upper
 42 100
 74 21.3 83.7 125.5#
 44 70.5 10.0 15.0#



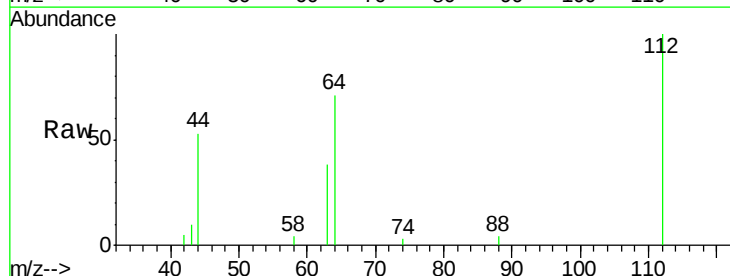
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



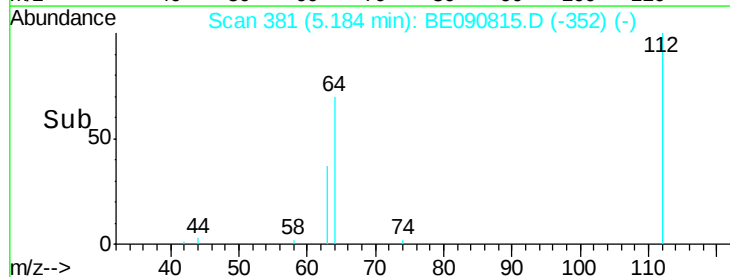
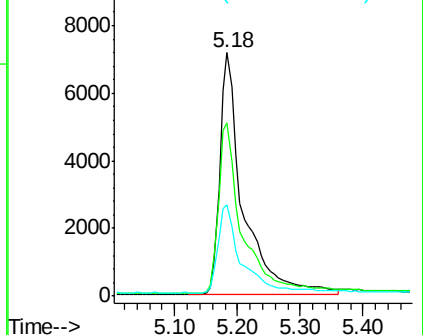
#4

2-Fluorophenol
 Concen: 2.68 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090815.D
 Acq: 15 Sep 2015 1:08

Tgt Ion: 112 Resp: 18453
 Ion Ratio Lower Upper
 112 100
 64 72.1 57.3 85.9
 63 37.7 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: 1.36 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

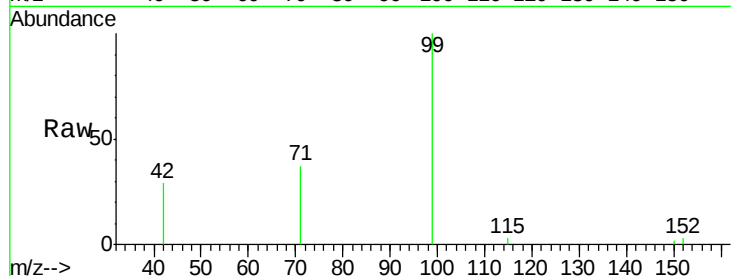
Tot Ion: 99 Resp: 13471

Ion Ratio Lower Upper

99 100

42 23.8 16.8 25.2

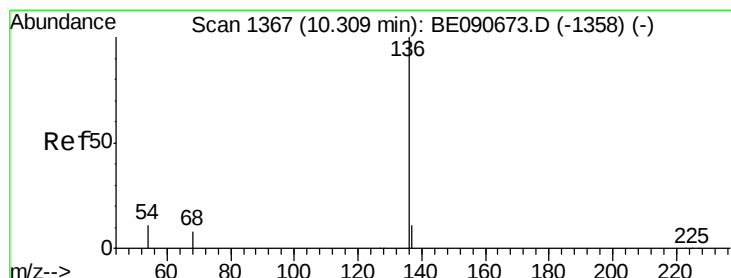
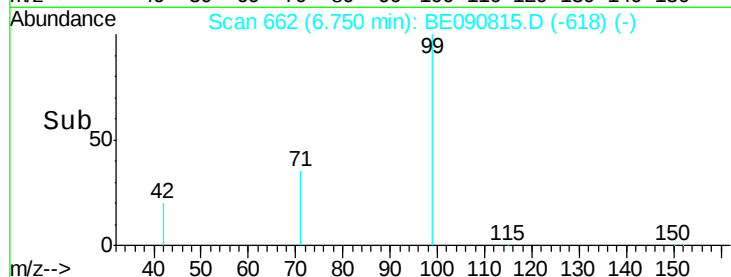
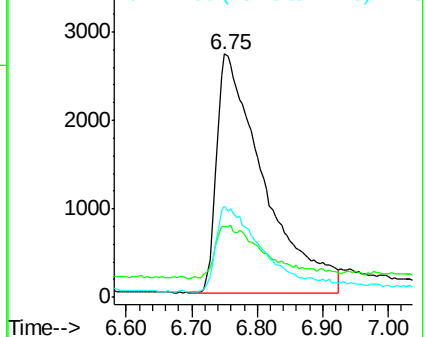
71 35.1 28.3 42.5



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: BE090815.D

Acq: 15 Sep 2015 1:08

Tgt Ion: 136 Resp: 145881

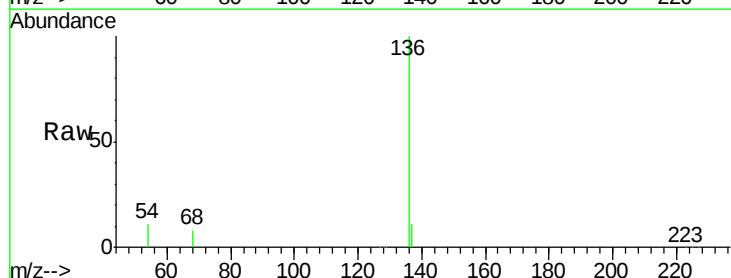
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.1 9.0 13.6

68 8.0 6.3 9.5

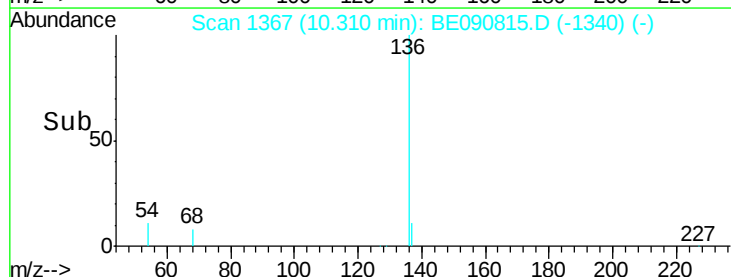
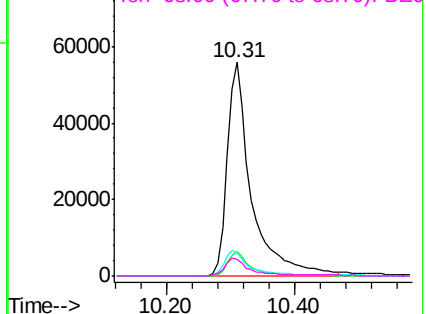


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.44 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

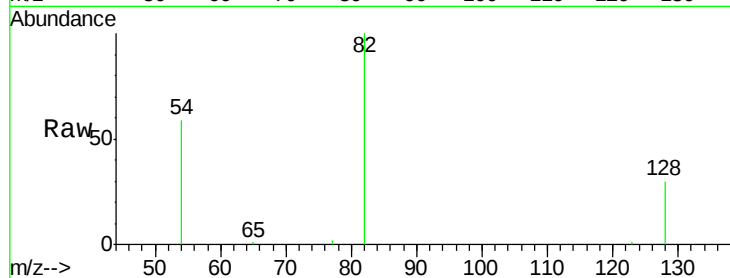
Tot Ion: 82 Resp: 33190

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

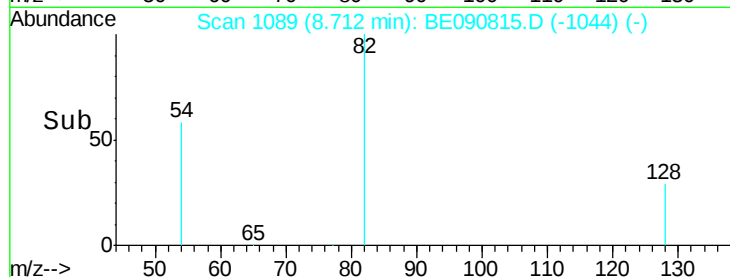
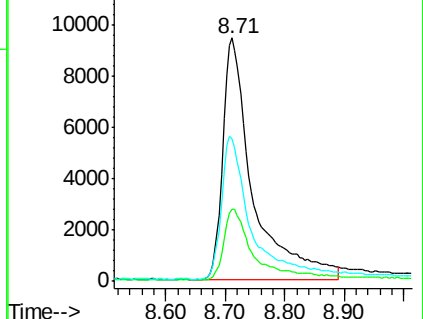
54 58.6 46.3 69.5



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: 0.12 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

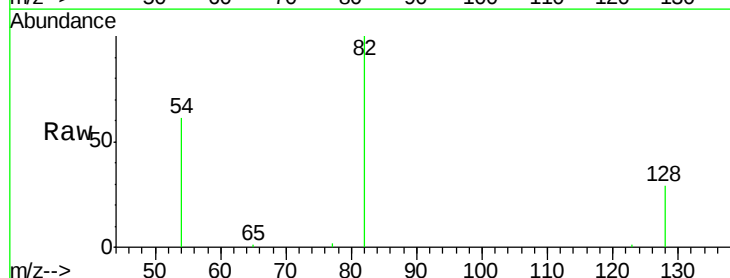
Tgt Ion: 77 Resp: 86

Ion Ratio Lower Upper

77 100

123 2.3 25.1 37.7#

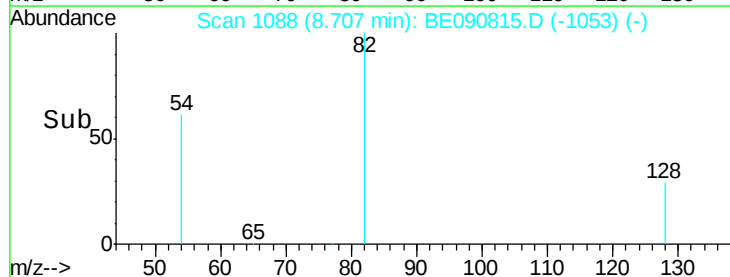
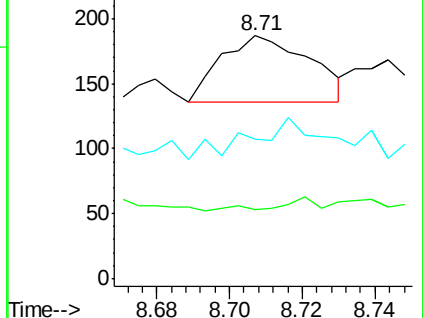
65 0.0 9.9 14.9#



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: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

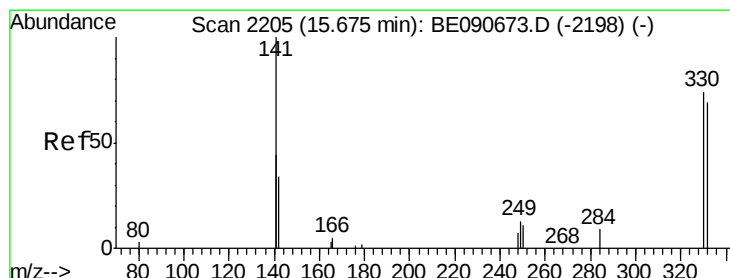
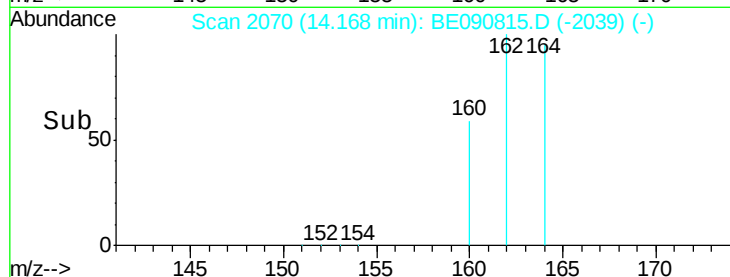
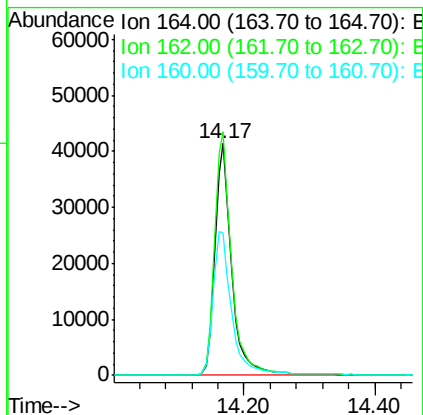
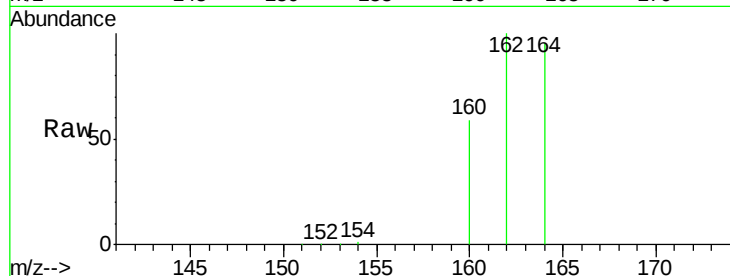
Tot Ion:164 Resp: 73318

Ion Ratio Lower Upper

164 100

162 105.0 86.8 130.2

160 61.6 53.9 80.9



#13

2,4,6-Tribromophenol

Concen: 5.97 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

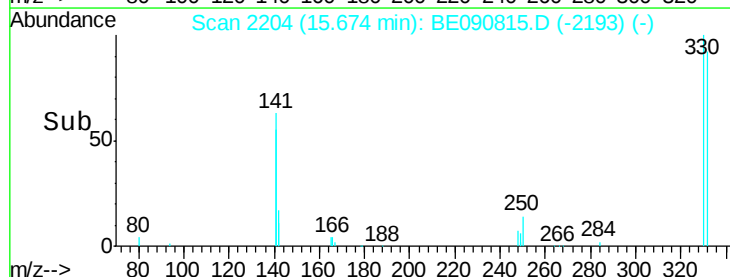
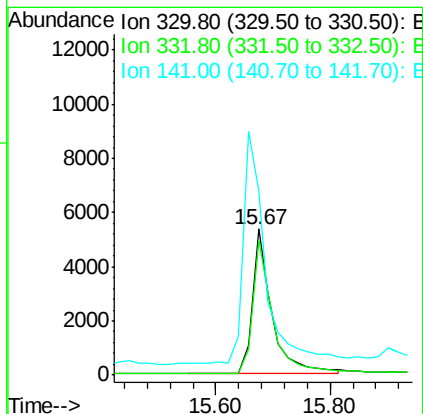
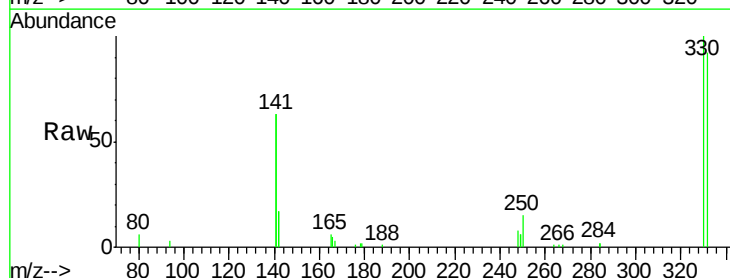
Tgt Ion:330 Resp: 12768

Ion Ratio Lower Upper

330 100

332 95.2 74.9 112.3

141 181.2 145.2 217.8

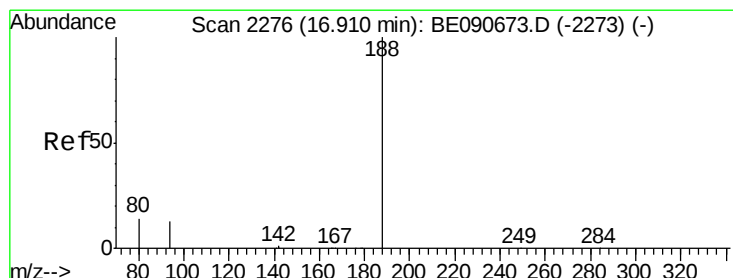
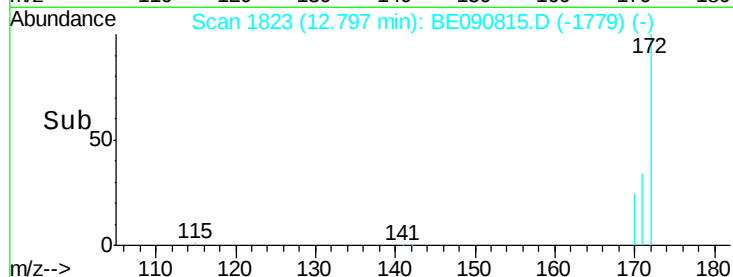
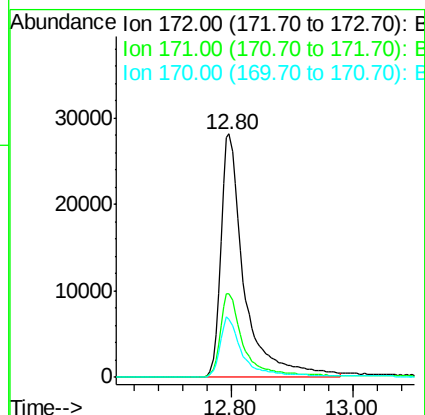
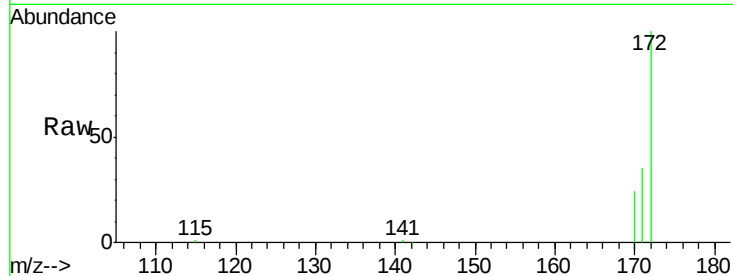




#14
2-Fluorobiphenyl
Concen: 3.68 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090815.D
Acq: 15 Sep 2015 1:08

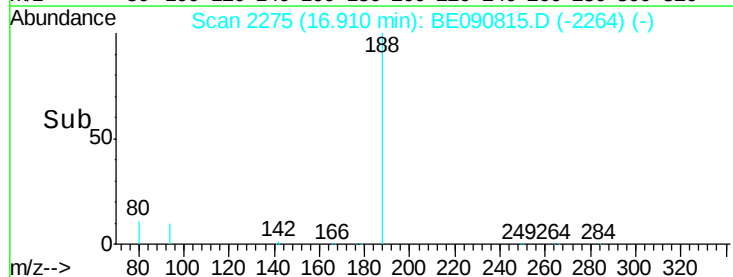
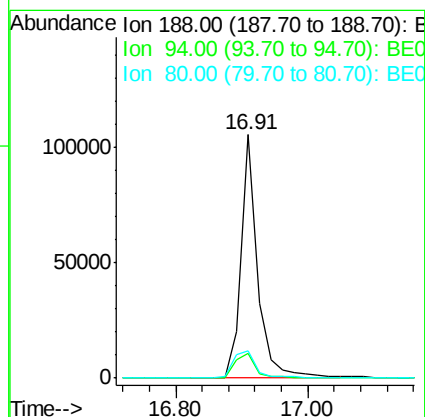
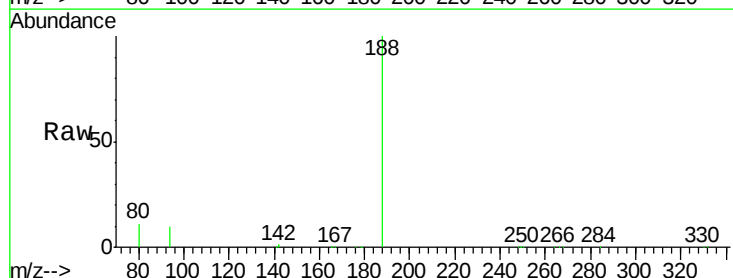
Instrument :
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Tot Ion:172 Resp: 74686
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 24.0 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090815.D
Acq: 15 Sep 2015 1:08

Tgt Ion:188 Resp: 183745
Ion Ratio Lower Upper
188 100
94 10.1 10.3 15.5#
80 11.0 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.16 min Scan# 2232

Delta R.T. -0.07 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

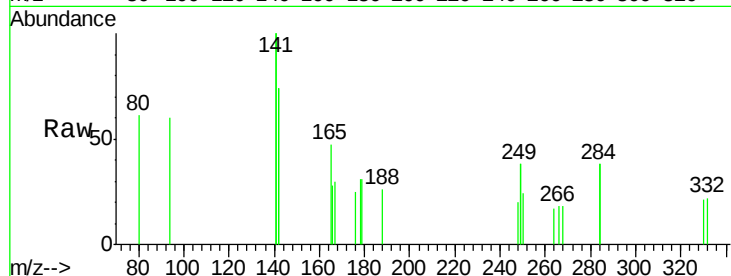
Tot Ion:284 Resp: 75

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

249 0.0 25.5 38.3#

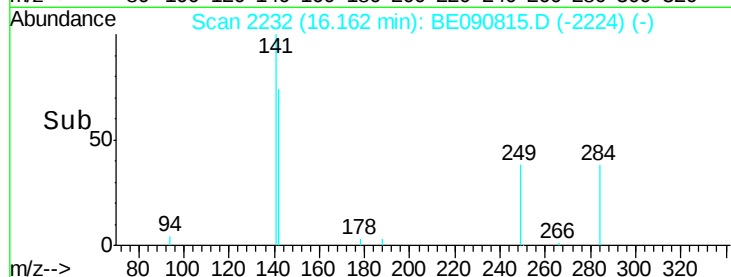


Abundance Ion 283.80 (283.50 to 284.50): E

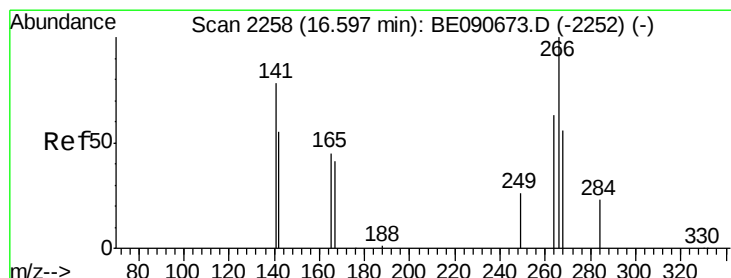
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.65 min Scan# 2260

Delta R.T. 0.05 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

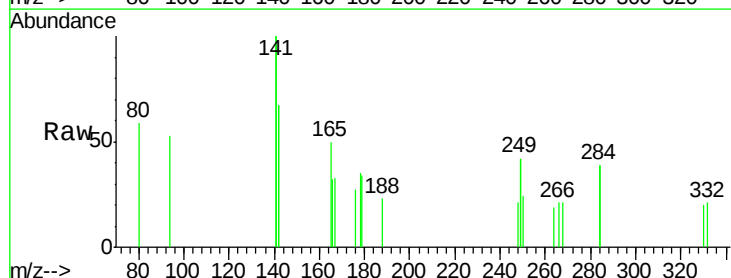
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

264 93.0 53.9 80.9#

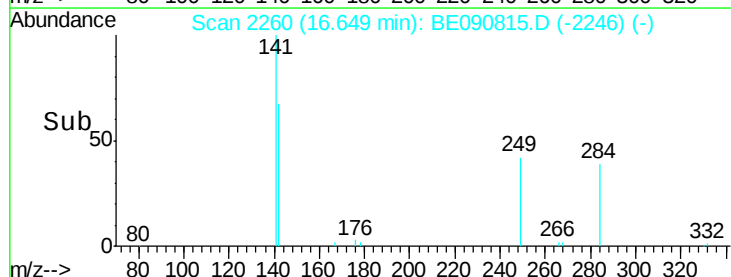


Abundance Ion 265.70 (265.40 to 266.40): E

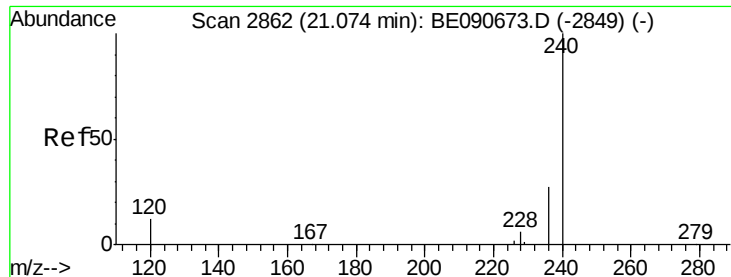
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

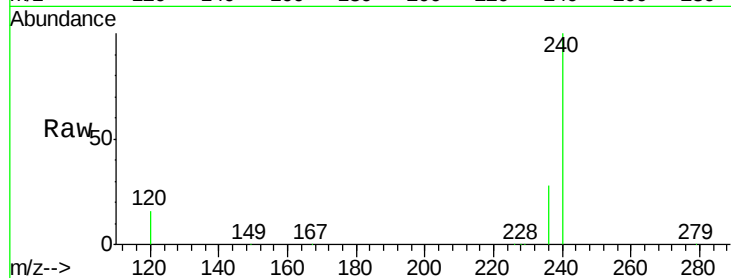
Tot Ion:240 Resp: 235862

Ion Ratio Lower Upper

240 100

120 16.5 10.1 15.1#

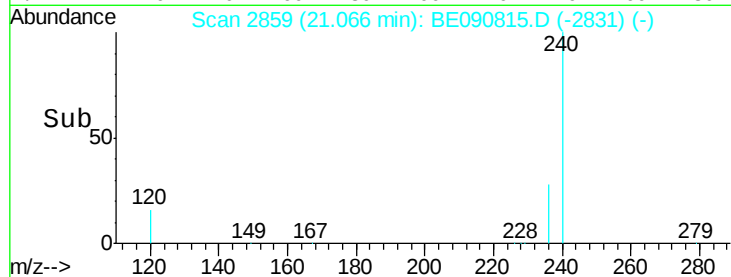
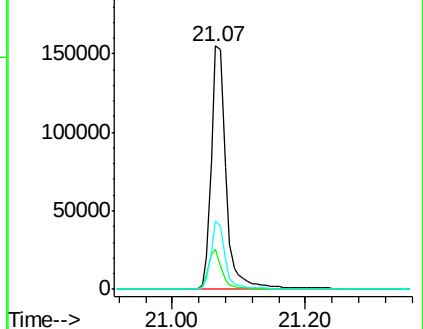
236 27.9 21.9 32.9



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: 4.99 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

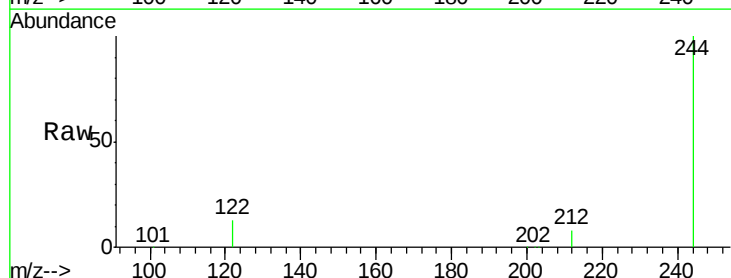
Tgt Ion:244 Resp: 130089

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

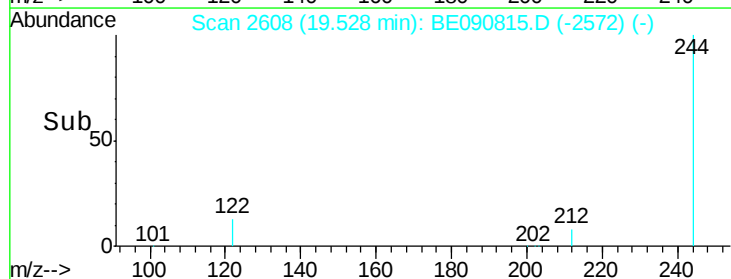
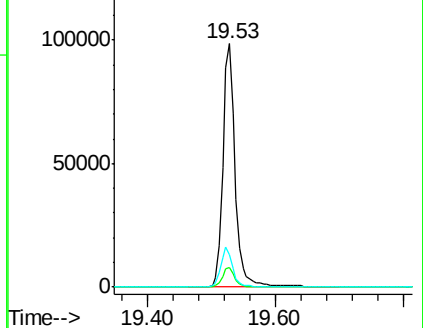
122 13.2 12.9 19.3

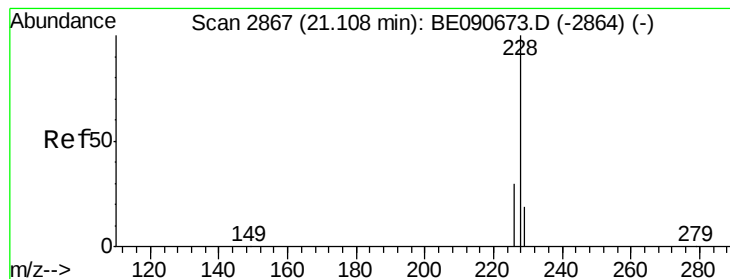


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2859

Delta R.T. -0.04 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-U-M

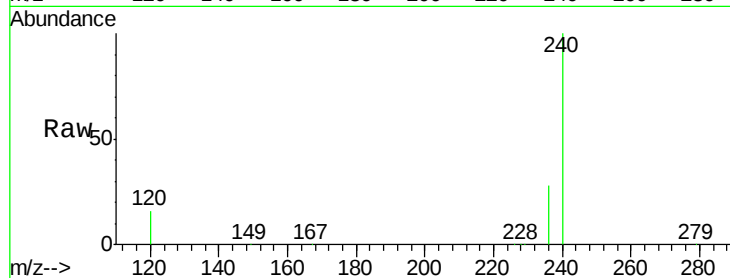
Tot Ion:228 Resp: 826

Ion Ratio Lower Upper

228 100

226 25.5 24.2 36.4

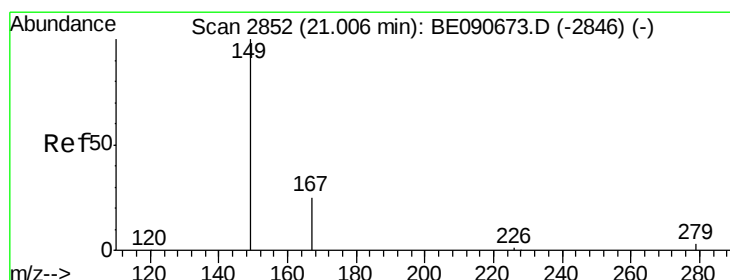
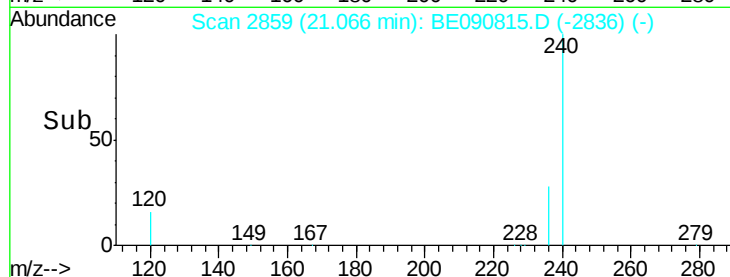
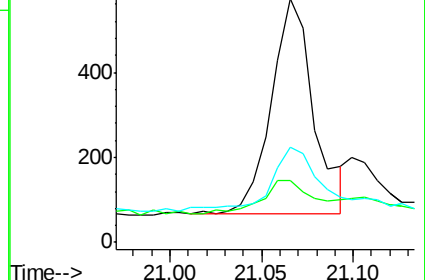
229 39.1 15.3 22.9#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090815.D

Acq: 15 Sep 2015 1:08

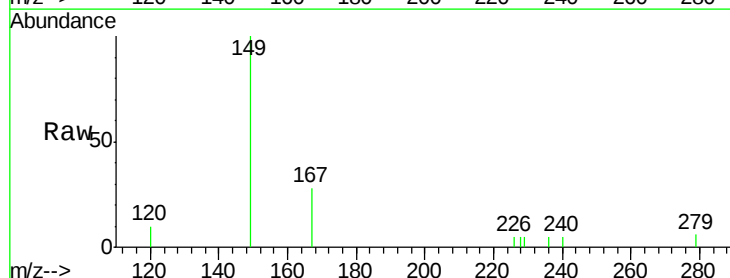
Tgt Ion:149 Resp: 1541

Ion Ratio Lower Upper

149 100

167 21.6 20.1 30.1

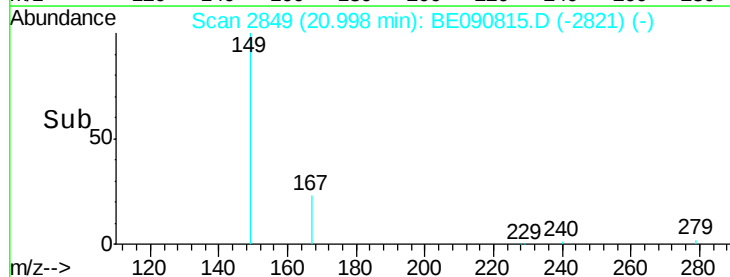
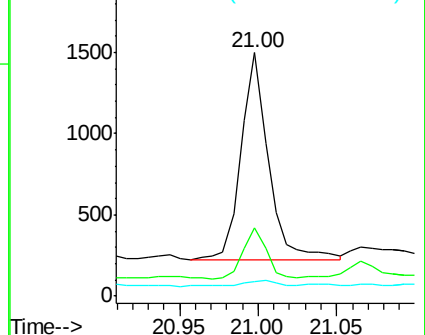
279 3.9 2.3 3.5#



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

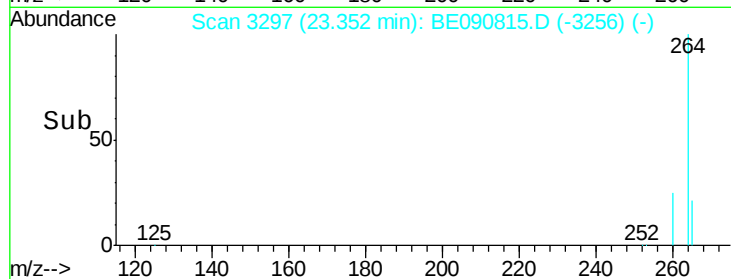
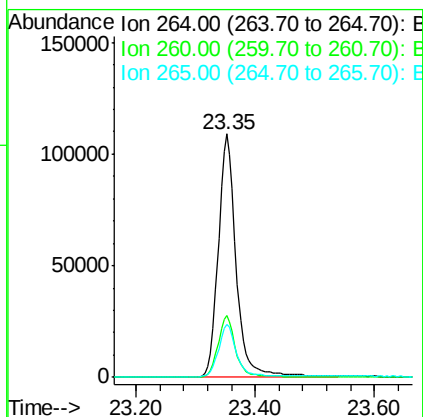




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090815.D
Acq: 15 Sep 2015 1:08

Instrument :
BNA_E
ClientSampleId :
091215-D534-E-U-M

Tot Ion:264 Resp: 229217
Ion Ratio Lower Upper
264 100
260 25.3 19.7 29.5
265 21.6 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.73 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BE090815.D
Acq: 15 Sep 2015 1:08

Tgt Ion:278 Resp: 7
Ion Ratio Lower Upper
278 100
139 150.0 15.4 23.0#
279 116.7 18.8 28.2#

