

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090879.D
 Acq On : 17 Sep 2015 23:55
 Operator : UM/IZ
 Sample : G3700-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-M

Quant Time: Sep 18 00:47:48 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	31123	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	141835	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	76596	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	191490	5.00	ng	0.00
25) Chrysene-d12	21.07	240	239164	5.00	ng	0.00
32) Perylene-d12	23.35	264	216260	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	21834	3.61	ng	0.00
5) Phenol-d6	6.75	99	18044	2.08	ng	0.00
7) Nitrobenzene-d5	8.71	82	33887	3.62	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	17821	7.93	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	81689	3.85	ng	0.00
27) Terphenyl-d14	19.52	244	154985	5.86	ng	-0.02

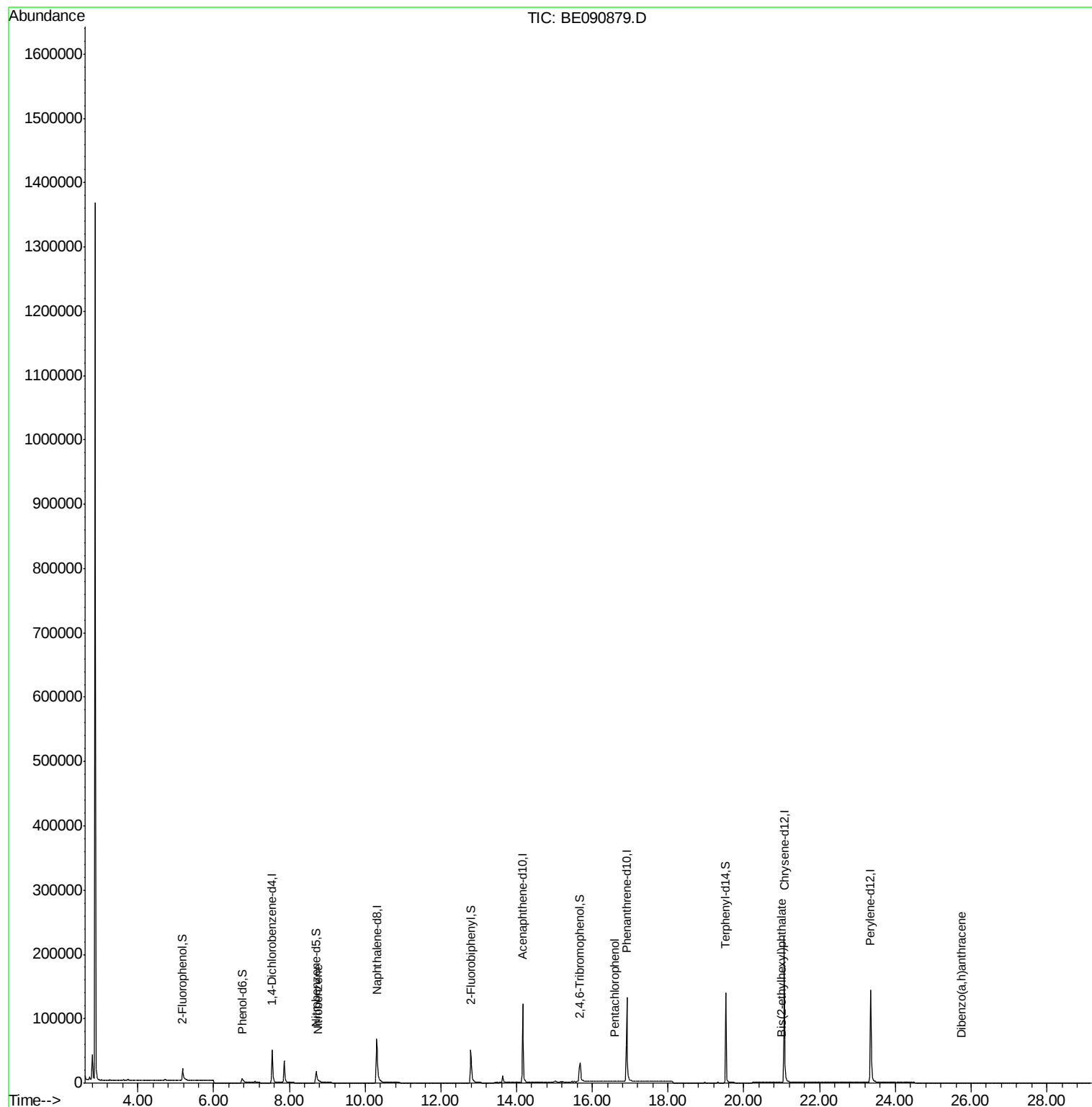
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	22	Below Cal	#	1
3) n-Nitrosodimethylamine	3.41	42	192	Below Cal	#	1
8) Nitrobenzene	8.75	77	23	0.11 ng	#	71
20) Hexachlorobenzene	16.23	284	171	Below Cal	#	1
21) Pentachlorophenol	16.60	266	35	0.47 ng	#	58
29) Chrysene	21.10	228	795	Below Cal	#	79
30) Bis(2-ethylhexyl)phthalate	20.99	149	1271	0.16 ng	#	95
36) Dibenzo(a,h)anthracene	25.74	278	155	0.14 ng	#	1

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

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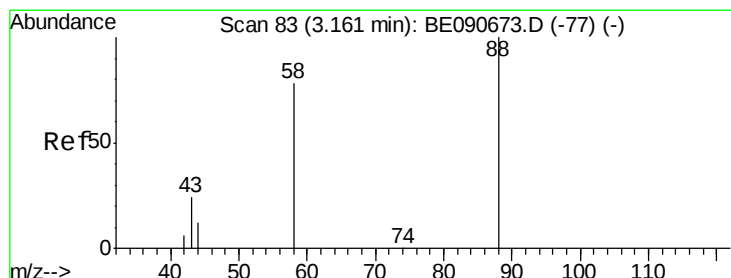
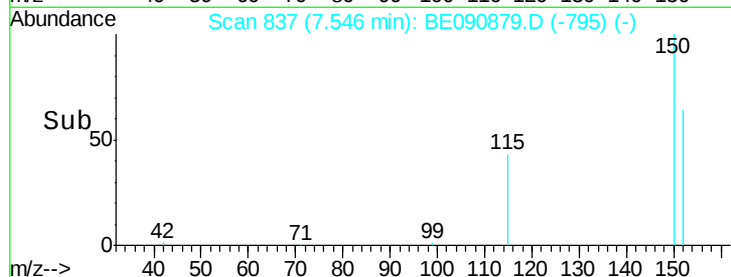
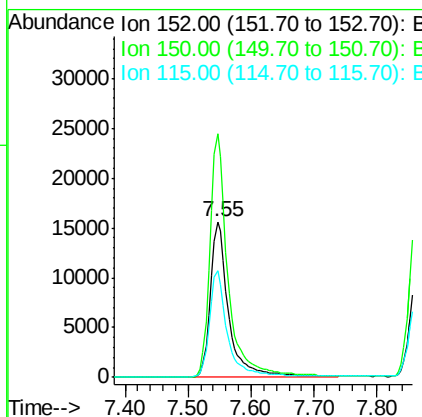
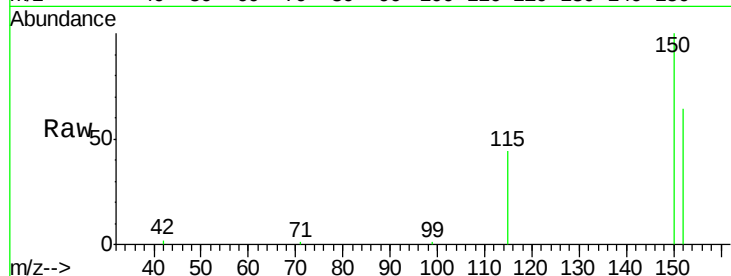




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BE090879.D
 Acq: 17 Sep 2015 23:55

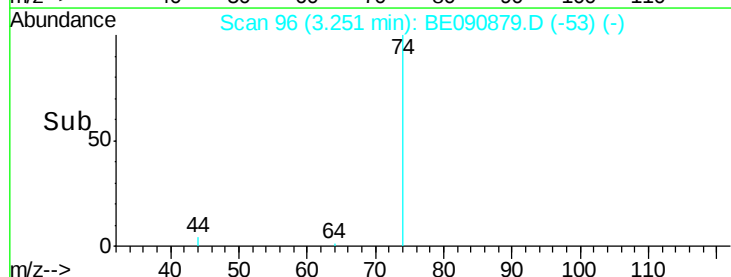
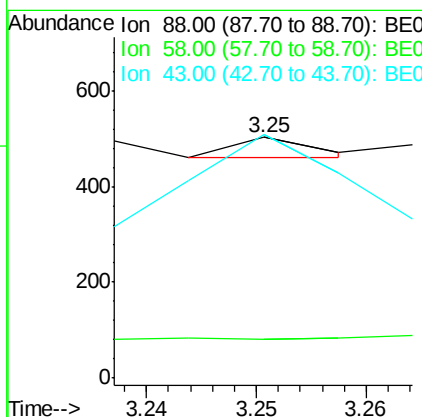
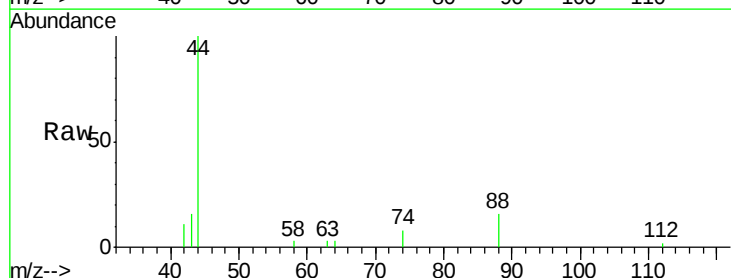
Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-M

Tot Ion:152 Resp: 31123
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.2 183.4
 115 68.3 51.0 76.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.25 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BE090879.D
 Acq: 17 Sep 2015 23:55

Tgt Ion: 88 Resp: 22
 Ion Ratio Lower Upper
 88 100
 58 40.9 68.4 102.6#
 43 1509.1 26.9 40.3#



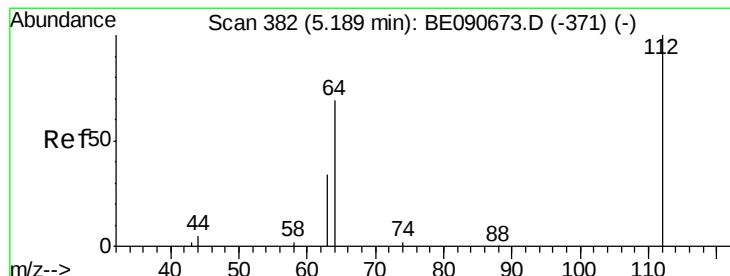
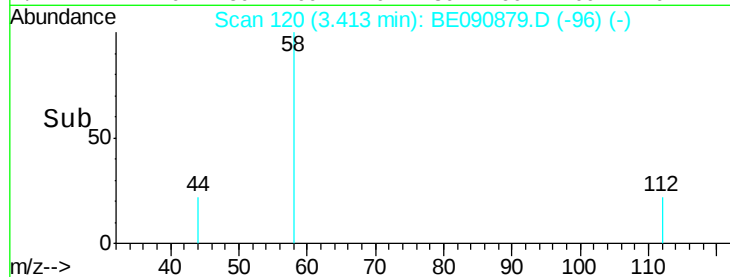
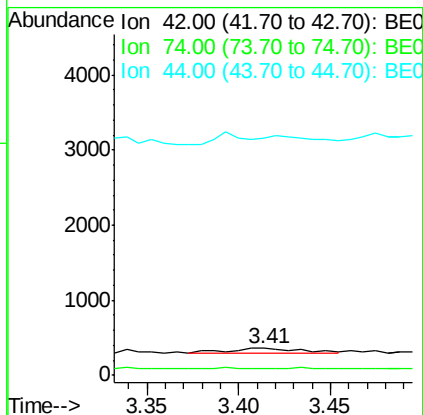
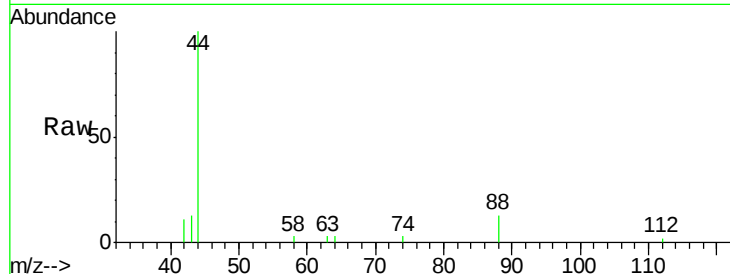


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.41 min Scan# 120
 Delta R.T. -0.04 min
 Lab File: BE090879.D
 Acq: 17 Sep 2015 23:55

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-M

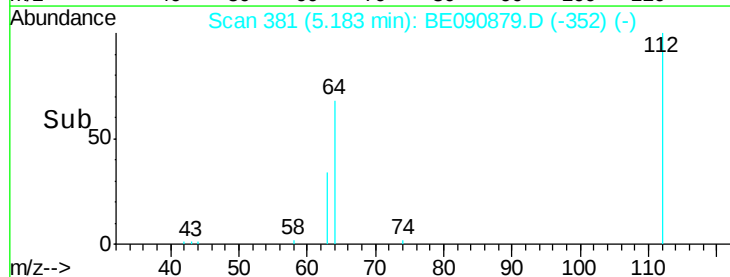
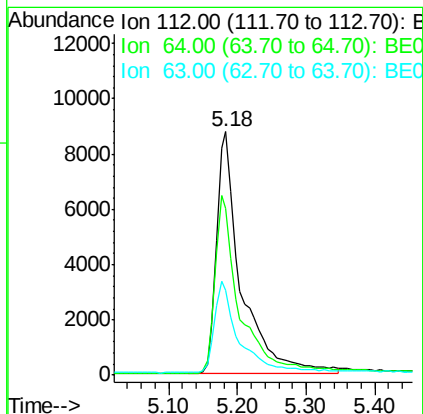
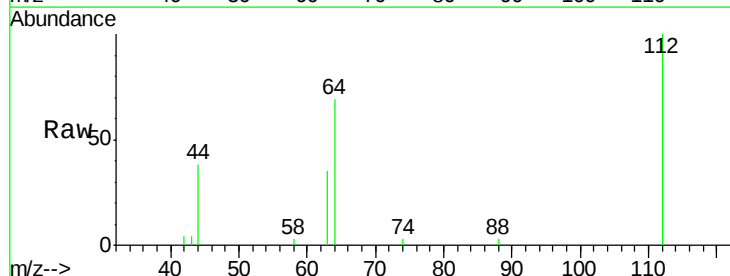
Tot Ion: 42 Resp: 192
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 56.8 10.0 15.0#



#4

2-Fluorophenol
 Concen: 3.61 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090879.D
 Acq: 17 Sep 2015 23:55

Tgt Ion: 112 Resp: 21834
 Ion Ratio Lower Upper
 112 100
 64 73.2 57.3 85.9
 63 37.6 29.2 43.8





#5

Phenol-d6

Concen: 2.08 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

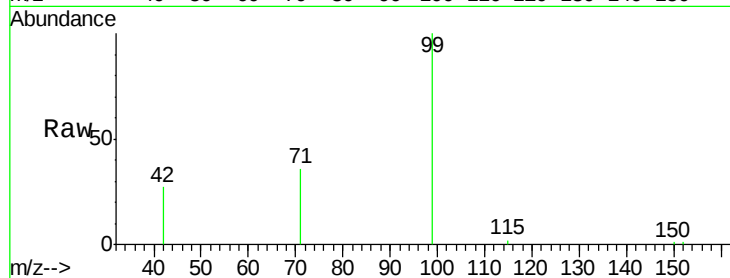
Tot Ion: 99 Resp: 18044

Ion Ratio Lower Upper

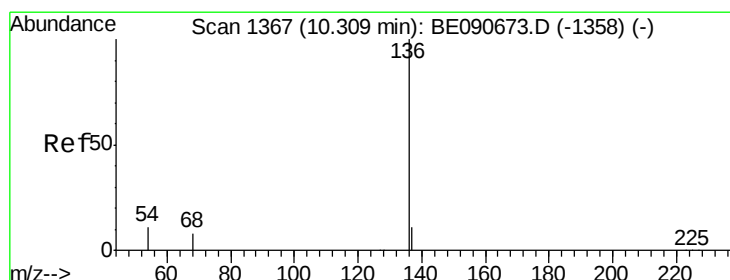
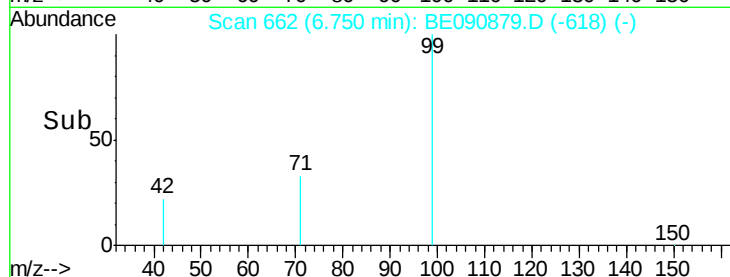
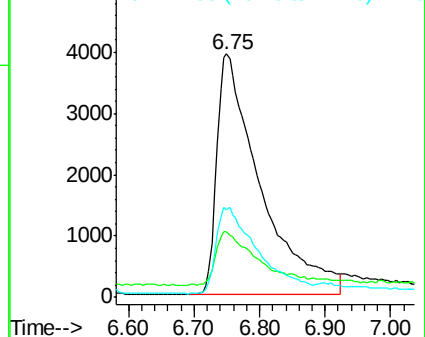
99 100

42 21.2 16.8 25.2

71 35.2 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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Tgt Ion: 136 Resp: 141835

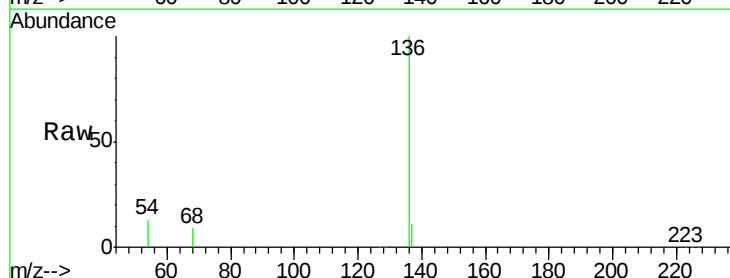
Ion Ratio Lower Upper

136 100

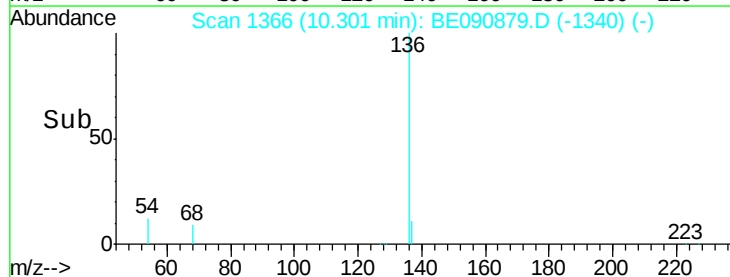
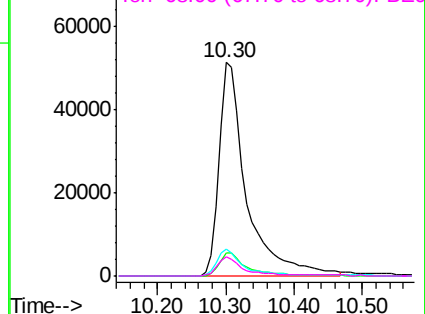
137 11.0 8.7 13.1

54 12.6 9.0 13.6

68 8.9 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# 1088

Delta R.T. 0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

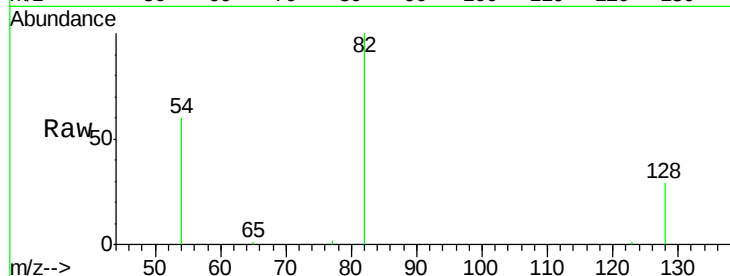
Tot Ion: 82 Resp: 33887

Ion Ratio Lower Upper

82 100

128 29.0 25.0 37.4

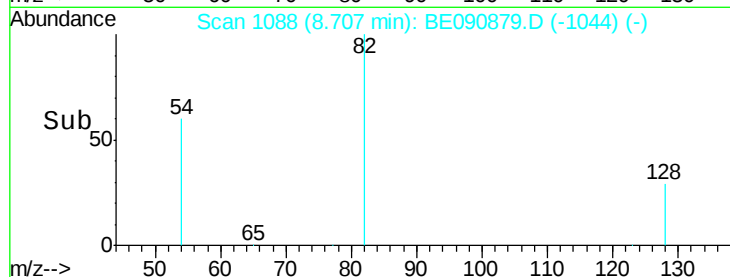
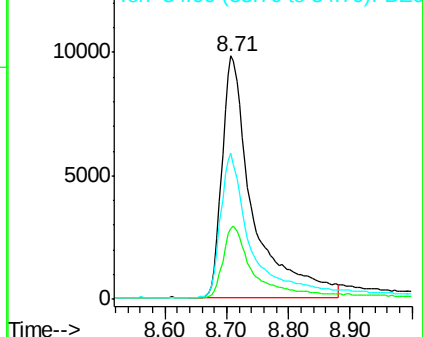
54 60.2 46.3 69.5



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: 8.75 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

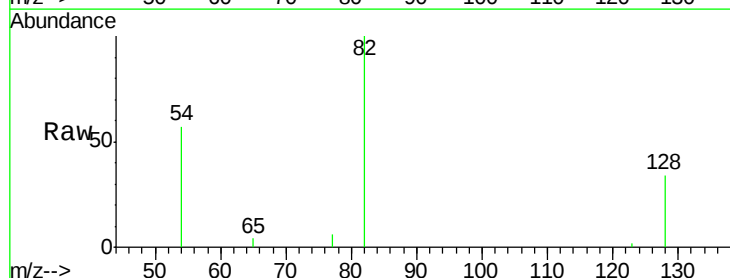
Tgt Ion: 77 Resp: 23

Ion Ratio Lower Upper

77 100

123 26.1 25.1 37.7

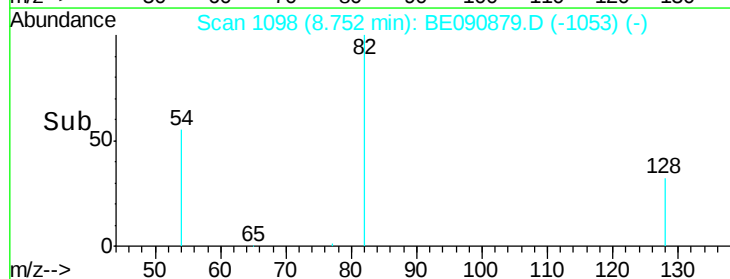
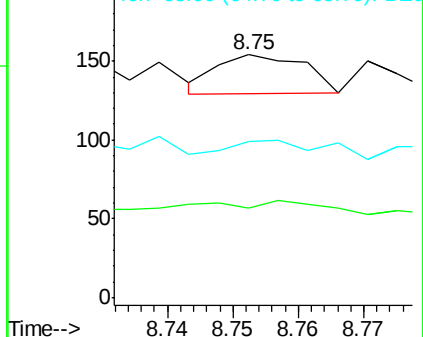
65 43.5 9.9 14.9#



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: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

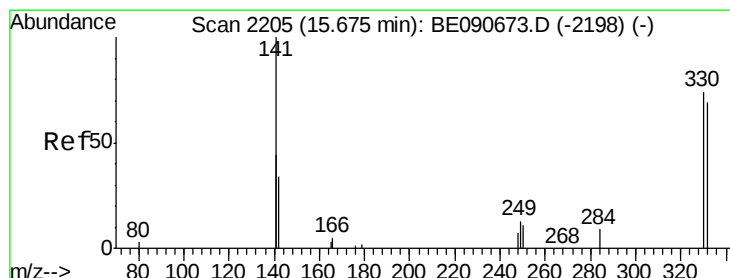
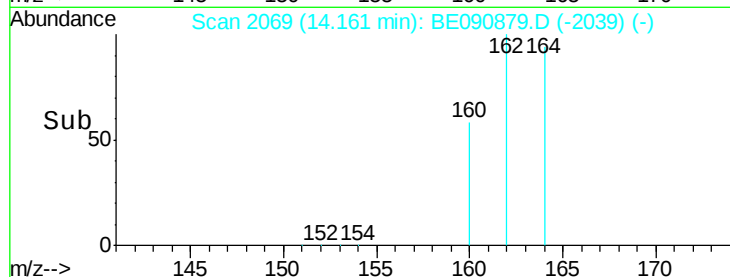
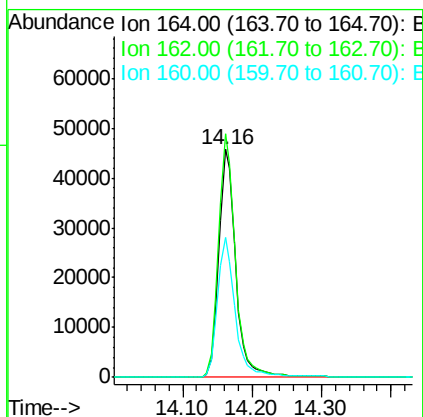
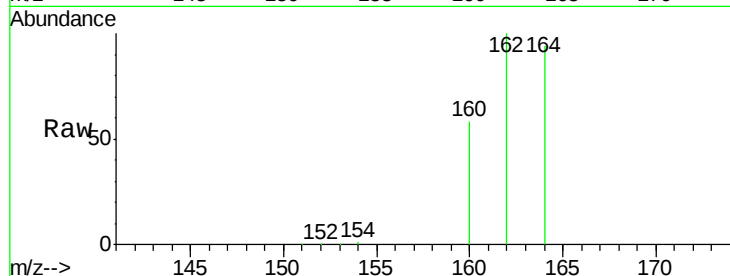
Tot Ion:164 Resp: 76596

Ion Ratio Lower Upper

164 100

162 106.9 86.8 130.2

160 61.5 53.9 80.9



#13

2,4,6-Tribromophenol

Concen: 7.93 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

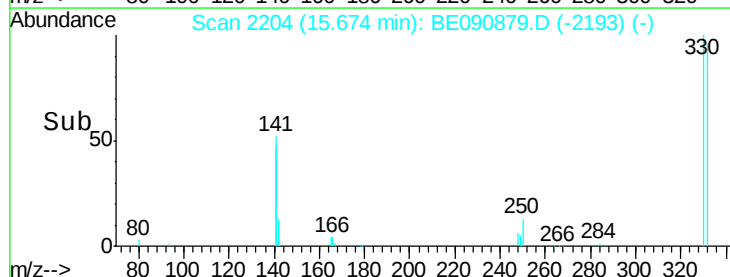
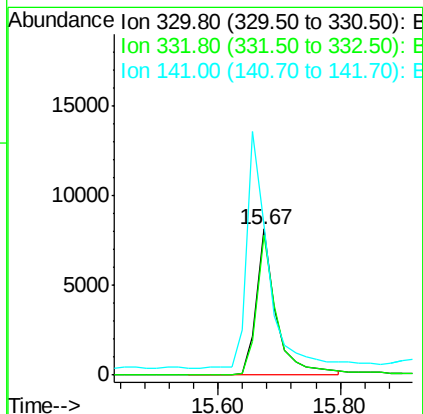
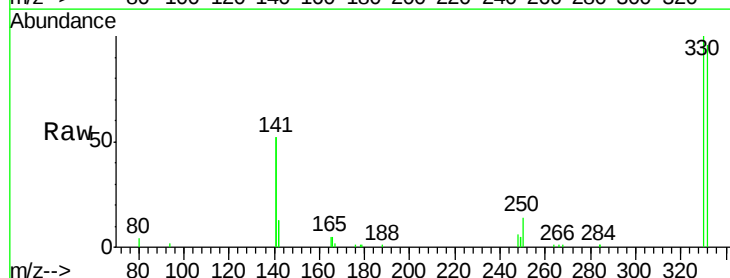
Tgt Ion:330 Resp: 17821

Ion Ratio Lower Upper

330 100

332 97.0 74.9 112.3

141 179.3 145.2 217.8

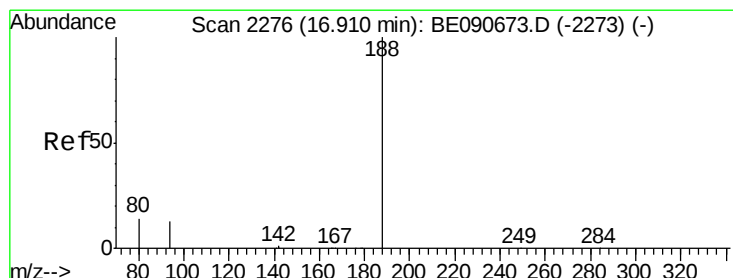
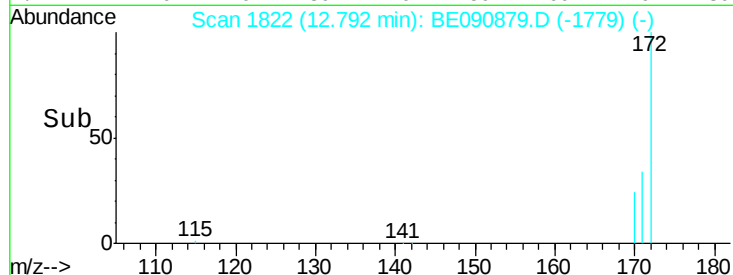
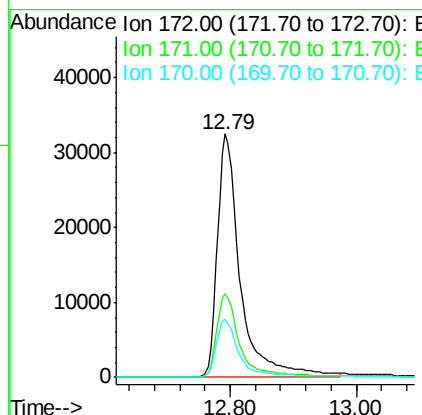
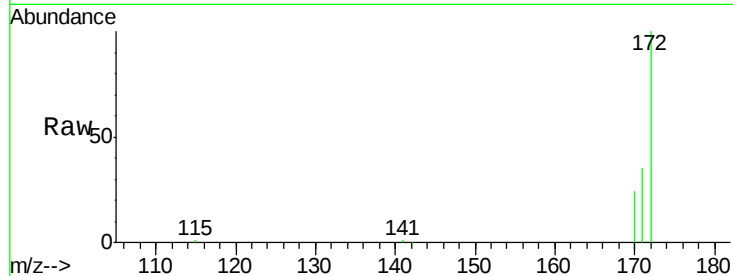




#14
2-Fluorobiphenyl
Concen: 3.85 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090879.D
Acq: 17 Sep 2015 23:55

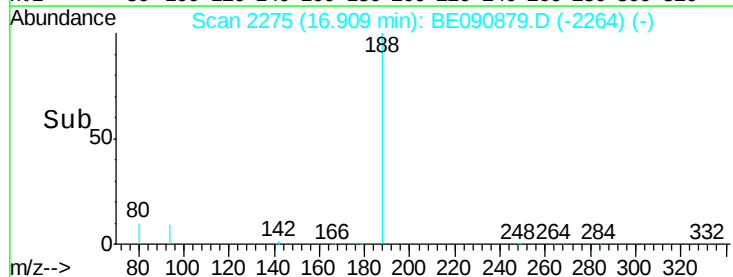
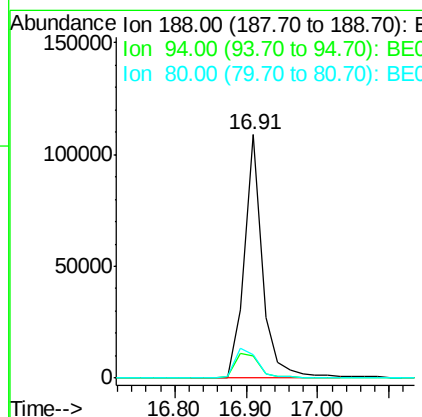
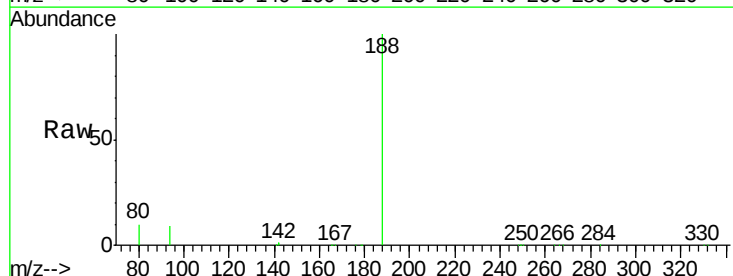
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-M

Tot Ion:172 Resp: 81689
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: BE090879.D
Acq: 17 Sep 2015 23:55

Tgt Ion:188 Resp: 191490
Ion Ratio Lower Upper
188 100
94 9.0 10.3 15.5#
80 9.7 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

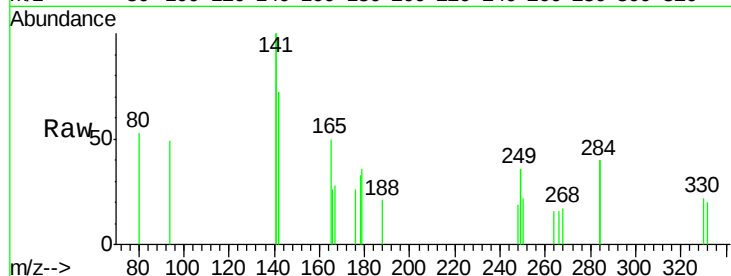
Tot Ion:284 Resp: 171

Ion Ratio Lower Upper

284 100

142 269.6 35.0 52.4#

249 0.0 25.5 38.3#

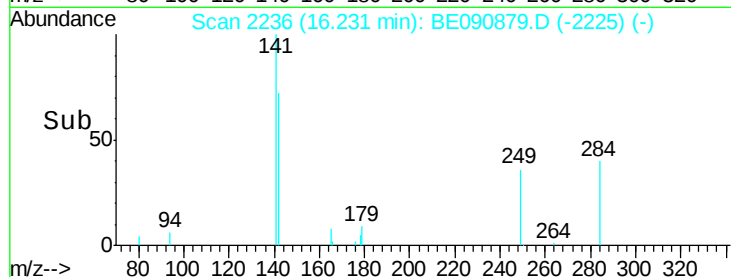


Abundance Ion 283.80 (283.50 to 284.50): E

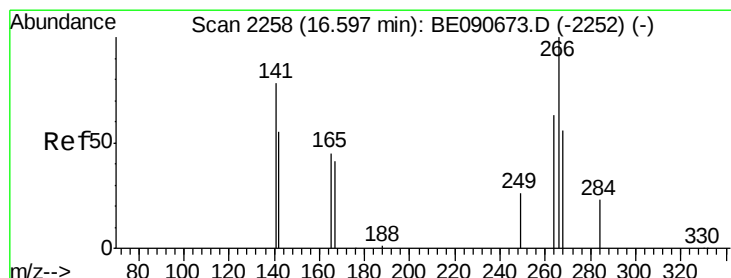
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

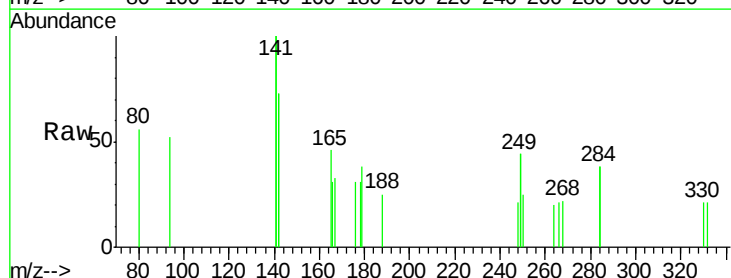
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

268 101.8 49.6 74.4#

264 94.6 53.9 80.9#

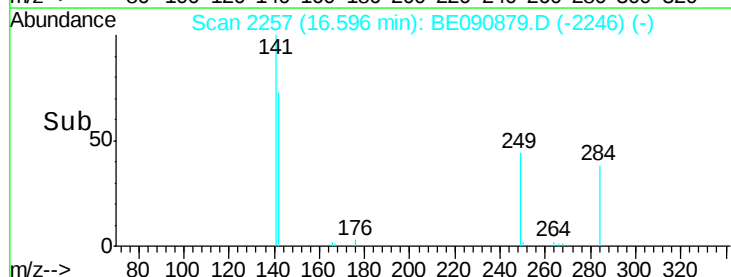


Abundance Ion 265.70 (265.40 to 266.40): E

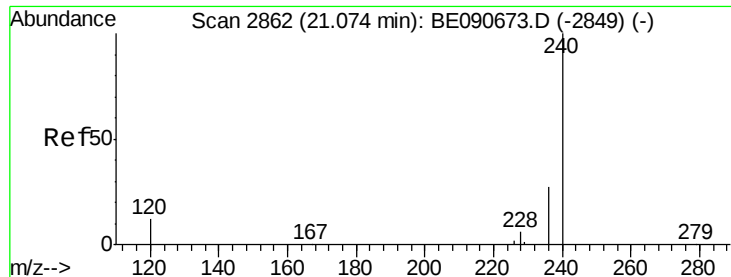
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

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091515-P004-E-U-M

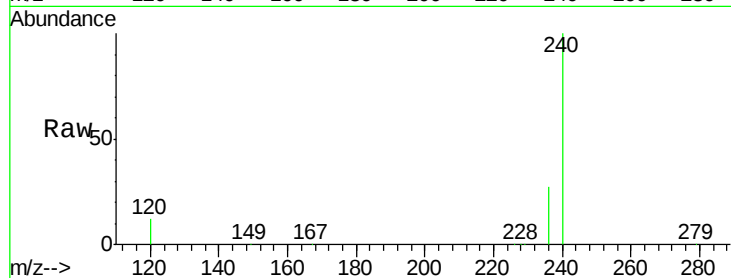
Tot Ion:240 Resp: 239164

Ion Ratio Lower Upper

240 100

120 12.3 10.1 15.1

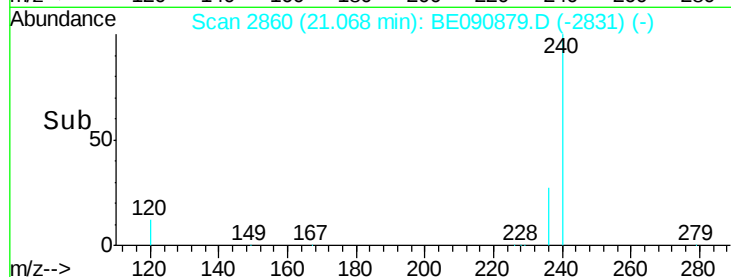
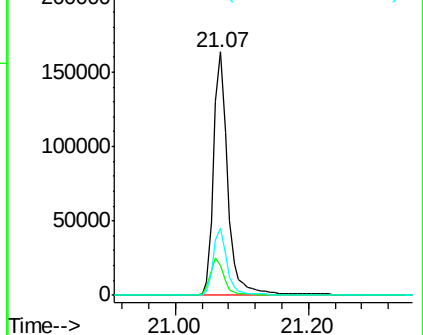
236 27.3 21.9 32.9



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: 5.86 ng

RT: 19.52 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

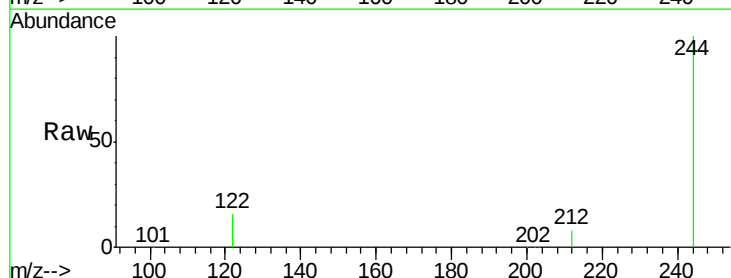
Tgt Ion:244 Resp: 154985

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

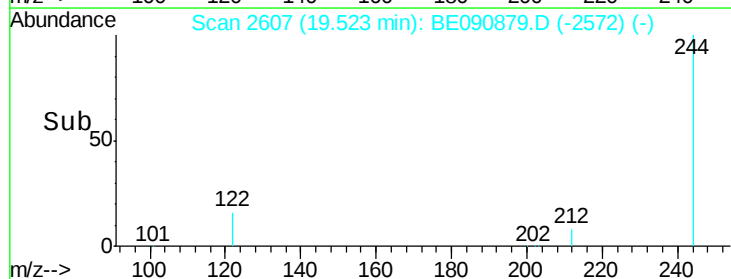
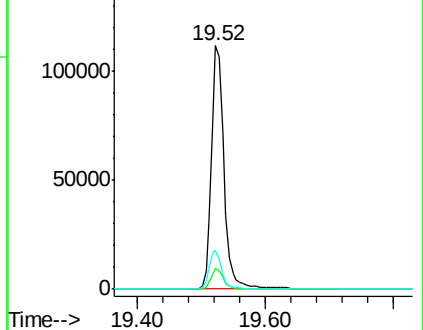
122 15.9 12.9 19.3



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: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-M

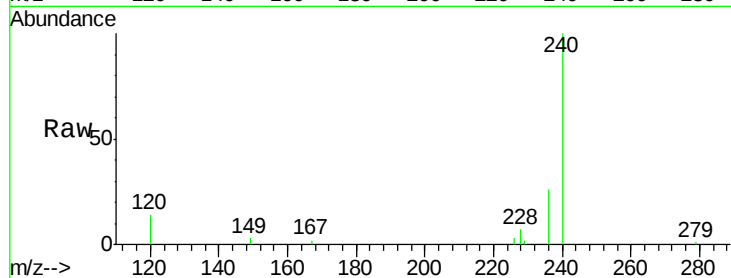
Tot Ion:228 Resp: 795

Ion Ratio Lower Upper

228 100

226 39.0 24.2 36.4#

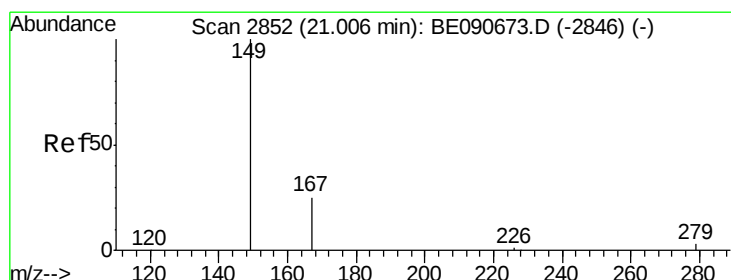
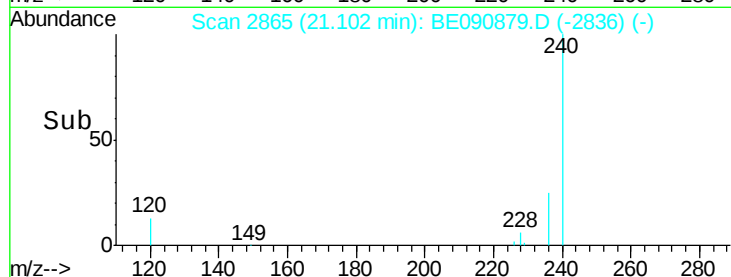
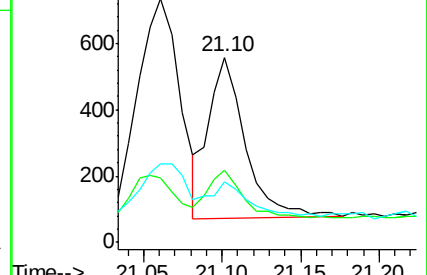
229 32.4 15.3 22.9#



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: 0.16 ng

RT: 20.99 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090879.D

Acq: 17 Sep 2015 23:55

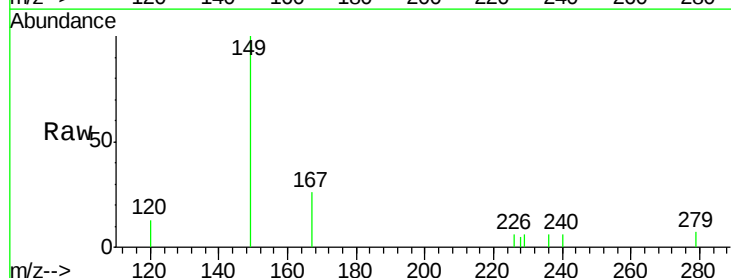
Tgt Ion:149 Resp: 1271

Ion Ratio Lower Upper

149 100

167 22.4 20.1 30.1

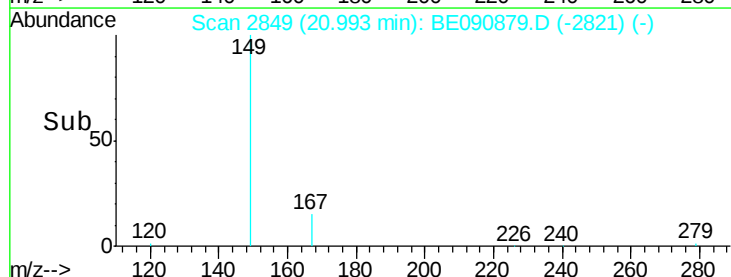
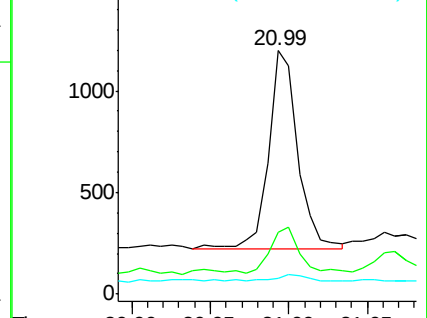
279 3.5 2.3 3.5



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

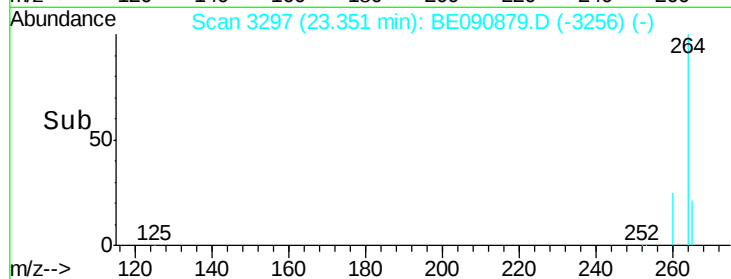
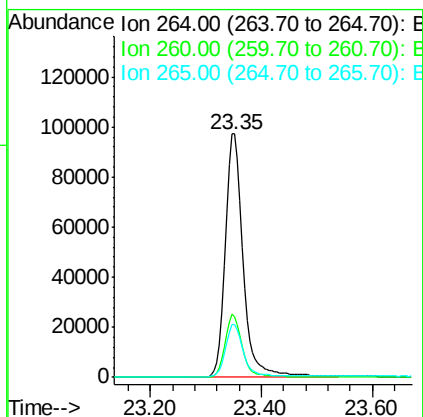




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090879.D
Acq: 17 Sep 2015 23:55

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-M

Tot Ion:264 Resp: 216260
Ion Ratio Lower Upper
264 100
260 24.8 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. -0.00 min
Lab File: BE090879.D
Acq: 17 Sep 2015 23:55

Tgt Ion:278 Resp: 155
Ion Ratio Lower Upper
278 100
139 85.3 15.4 23.0#
279 72.1 18.8 28.2#

