

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
 Data File : BE090825.D
 Acq On : 15 Sep 2015 7:07
 Operator : UM/IZ
 Sample : G3659-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-U-B

Quant Time: Sep 15 08:28:56 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	30406	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	134388	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	66028	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	164191	5.00	ng	0.00
25) Chrysene-d12	21.07	240	204240	5.00	ng	0.00
32) Perylene-d12	23.35	264	185667	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	20213	3.42	ng	0.00
5) Phenol-d6	6.75	99	15730	1.86	ng	0.00
7) Nitrobenzene-d5	8.72	82	33213	3.74	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	13746	7.11	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	75253	4.12	ng	0.00
27) Terphenyl-d14	19.53	244	131610	5.82	ng	-0.01

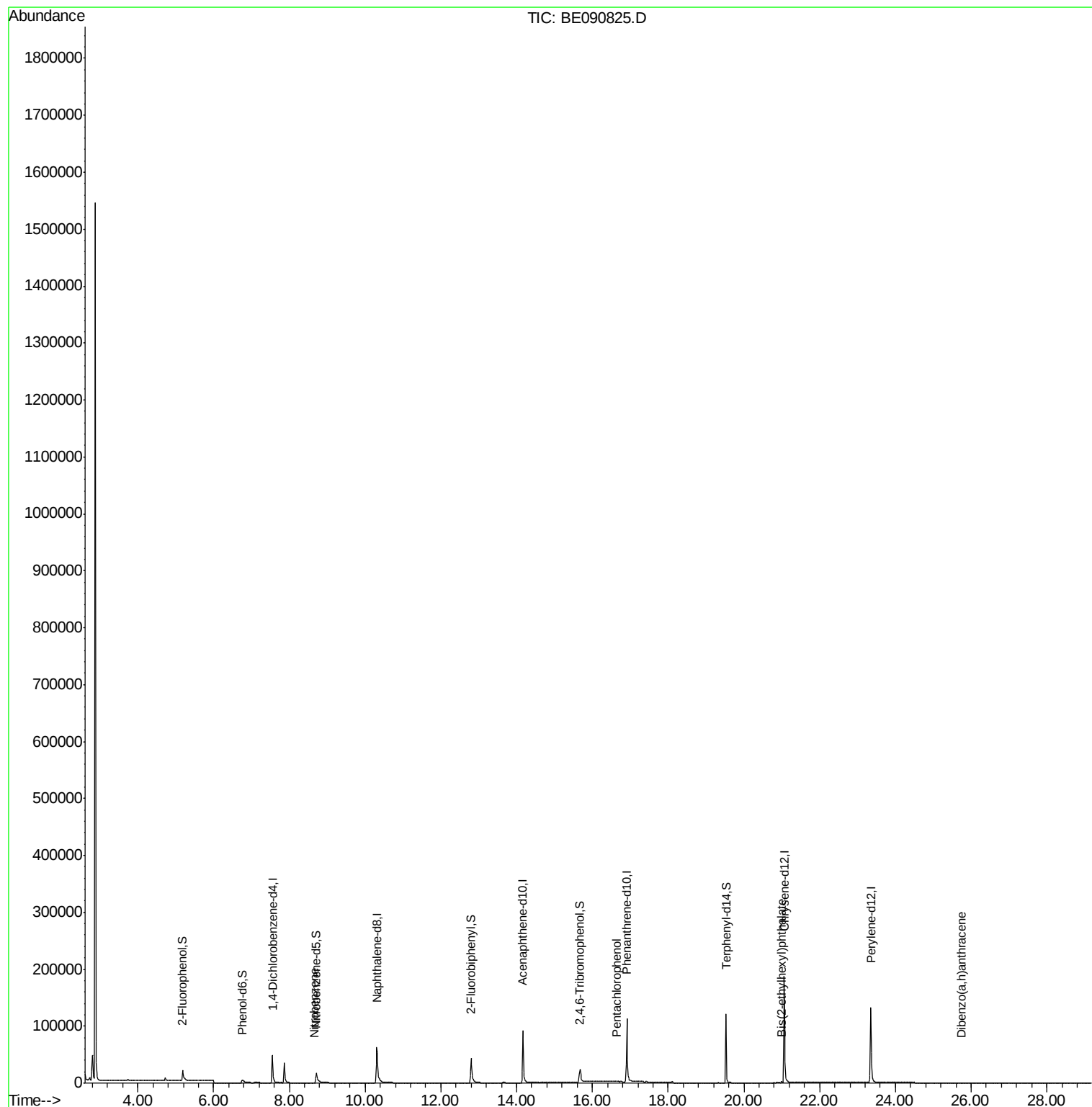
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	53	Below Cal	#	27
3) n-Nitrosodimethylamine	3.44	42	75	Below Cal	#	1
8) Nitrobenzene	8.65	77	28	0.11	ng	98
20) Hexachlorobenzene	16.23	284	90	Below Cal	#	34
21) Pentachlorophenol	16.63	266	7	0.46	ng	58
29) Chrysene	21.07	228	798	Below Cal	#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	1613	0.20	ng	95
36) Dibenzo(a,h)anthracene	25.75	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: BE090825.D

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BNA_E

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091315-PRKA-F-U-B

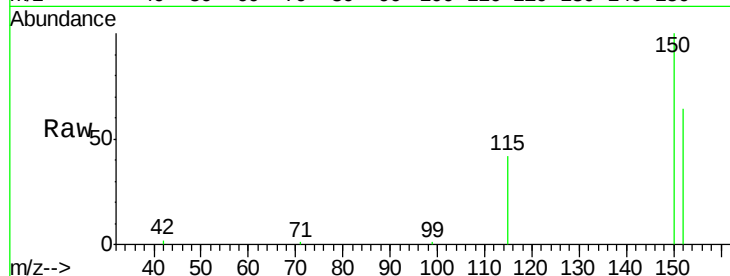
Tot Ion:152 Resp: 30406

Ion Ratio Lower Upper

152 100

150 155.1 122.2 183.4

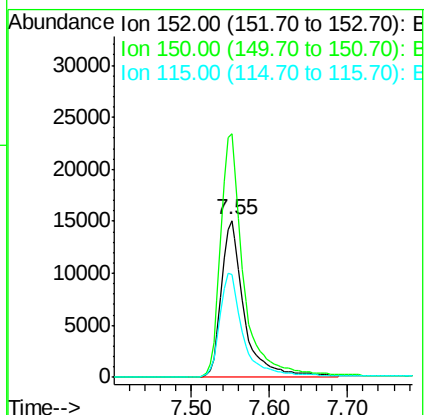
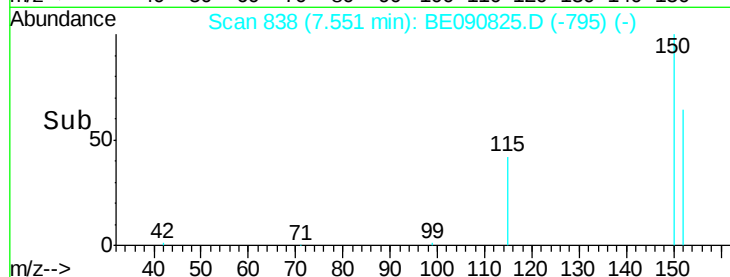
115 65.7 51.0 76.4



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: 3.16 min Scan# 83

Delta R.T. 0.00 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

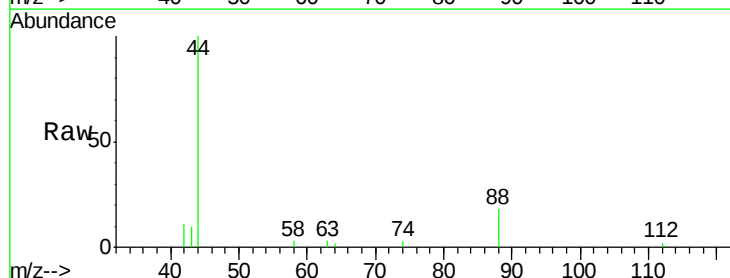
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 54.7 68.4 102.6#

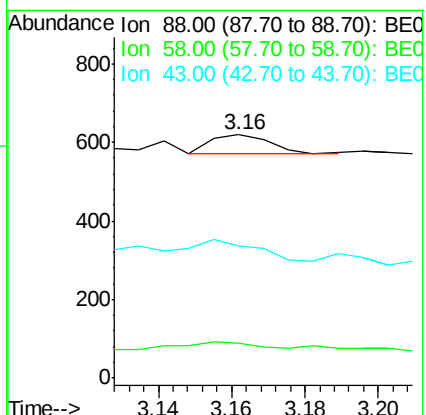
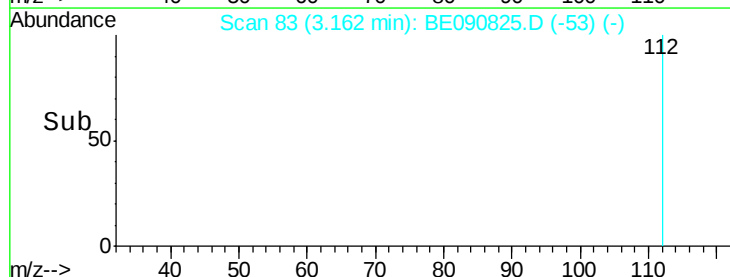
43 132.1 26.9 40.3#

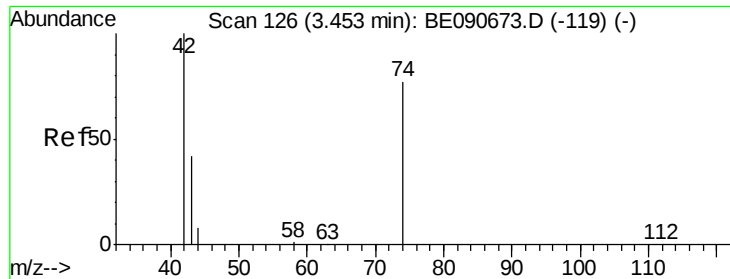


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



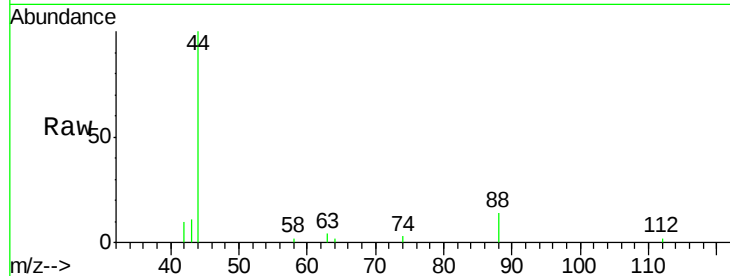


#3

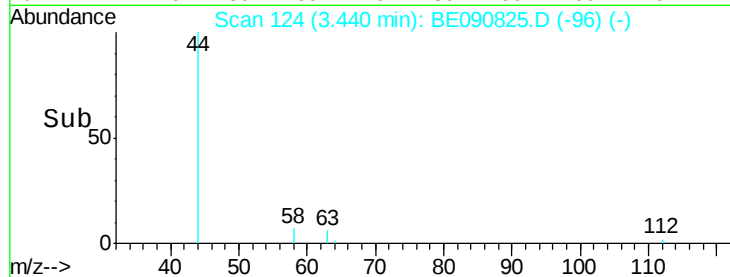
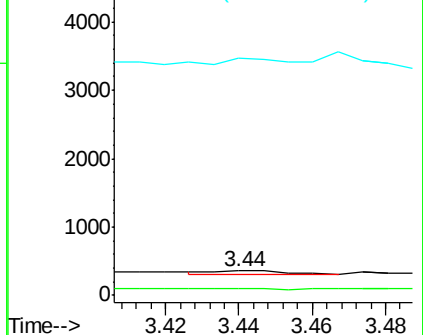
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090825.D
 Acq: 15 Sep 2015 7:07

Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-U-B

Tot Ion: 42 Resp: 75
 Ion Ratio Lower Upper
 42 100
 74 14.7 83.7 125.5#
 44 126.7 10.0 15.0#



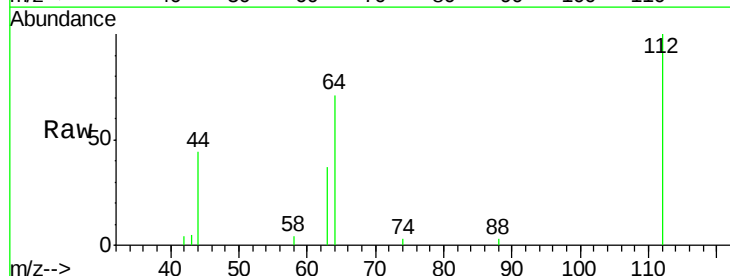
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



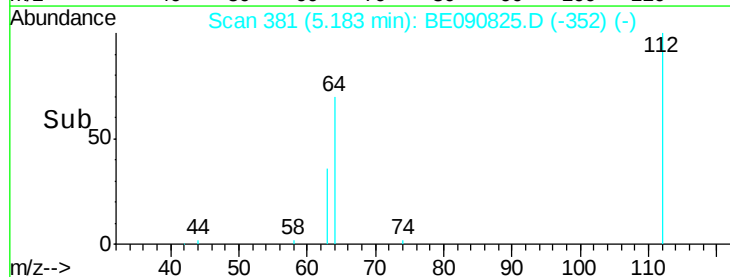
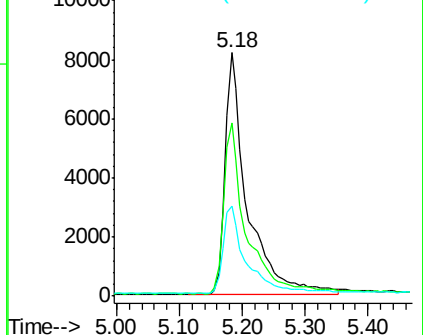
#4

2-Fluorophenol
 Concen: 3.42 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090825.D
 Acq: 15 Sep 2015 7:07

Tgt Ion: 112 Resp: 20213
 Ion Ratio Lower Upper
 112 100
 64 72.2 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: 1.86 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

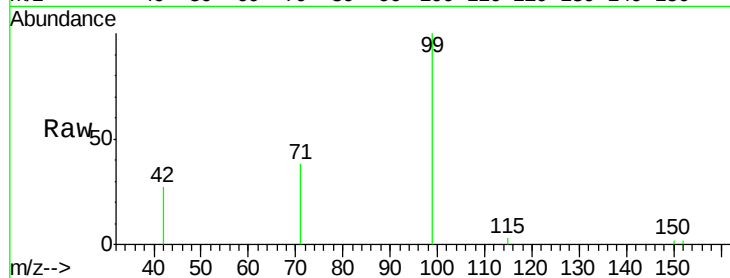
Tot Ion: 99 Resp: 15730

Ion Ratio Lower Upper

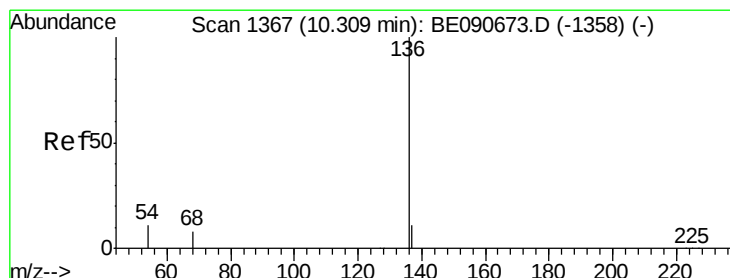
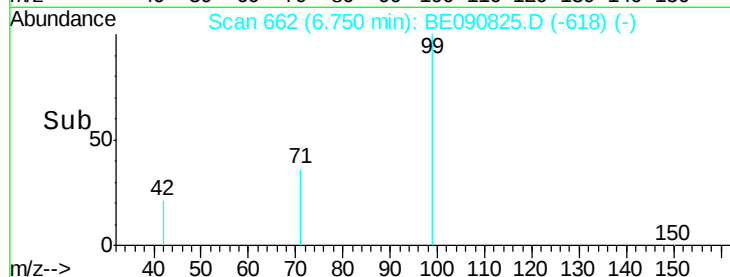
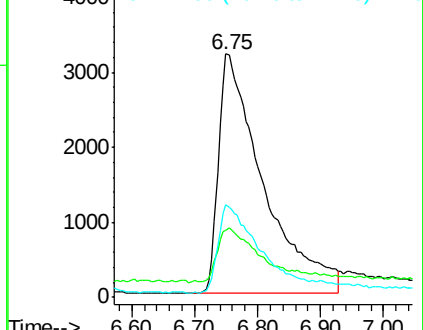
99 100

42 19.5 16.8 25.2

71 34.3 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: BE090825.D

Acq: 15 Sep 2015 7:07

Tgt Ion: 136 Resp: 134388

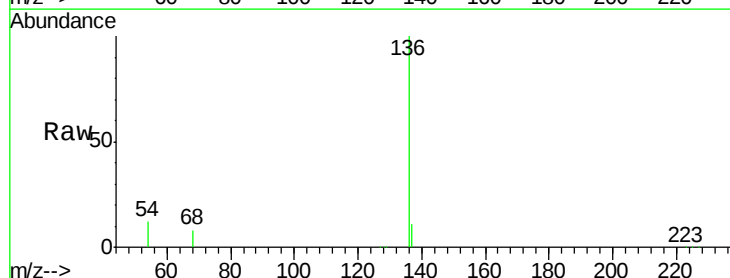
Ion Ratio Lower Upper

136 100

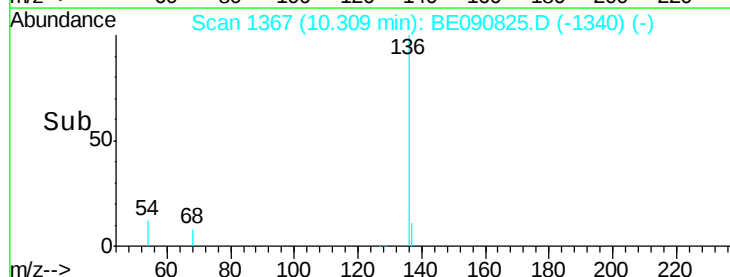
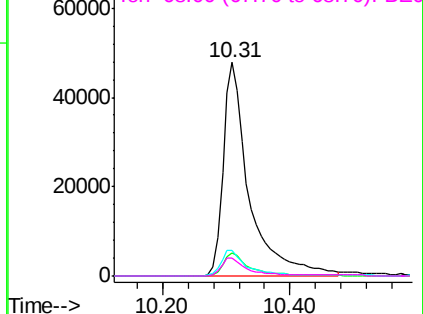
137 11.0 8.7 13.1

54 11.8 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: 3.74 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

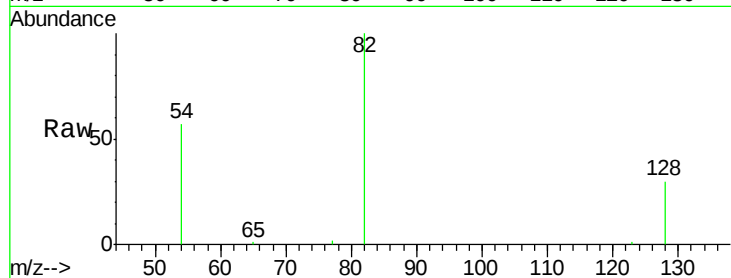
Tot Ion: 82 Resp: 33213

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.4

54 57.0 46.3 69.5

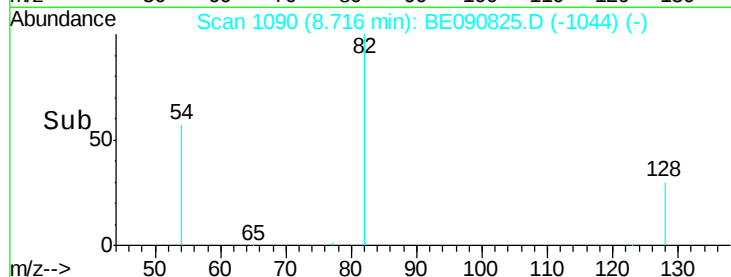


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



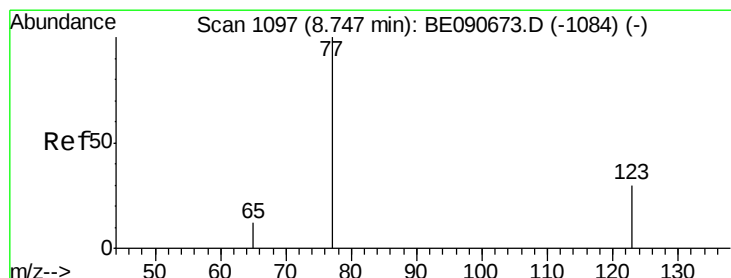
Abundance

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

Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.65 min Scan# 1076

Delta R.T. -0.09 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

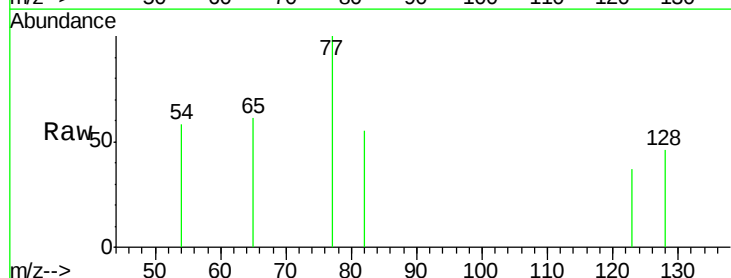
Tgt Ion: 77 Resp: 28

Ion Ratio Lower Upper

77 100

123 32.1 25.1 37.7

65 14.3 9.9 14.9

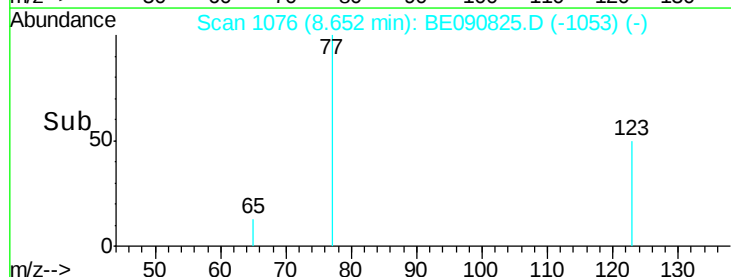


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



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

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

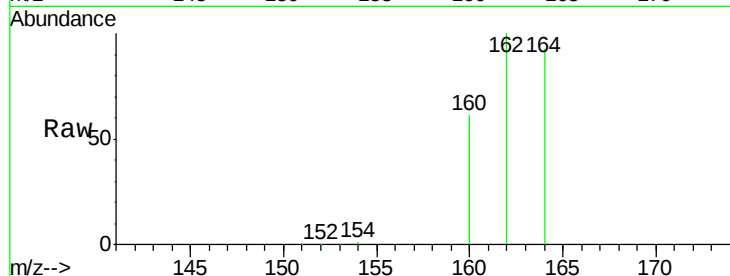
Tot Ion:164 Resp: 66028

Ion Ratio Lower Upper

164 100

162 107.8 86.8 130.2

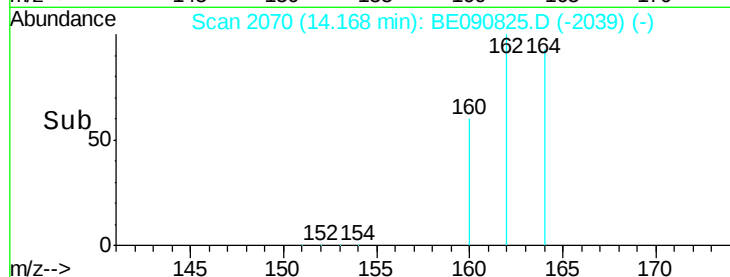
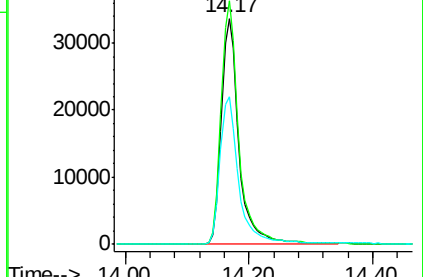
160 65.2 53.9 80.9



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: 7.11 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

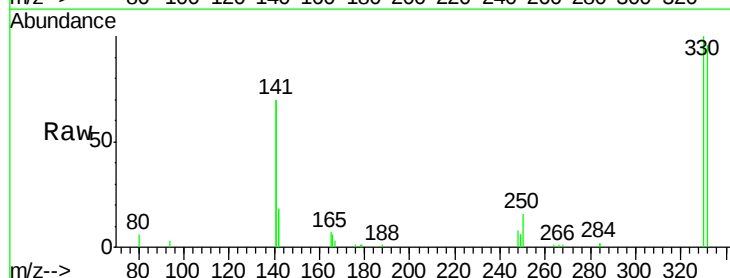
Tgt Ion:330 Resp: 13746

Ion Ratio Lower Upper

330 100

332 97.0 74.9 112.3

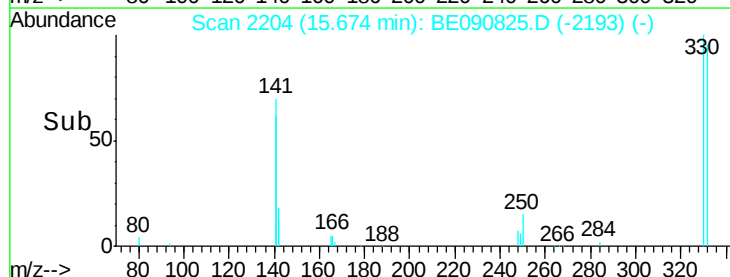
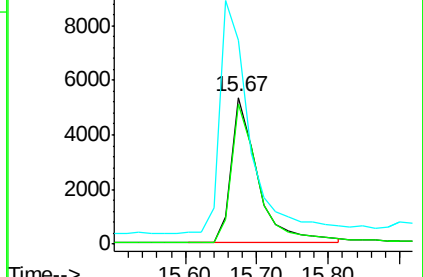
141 180.2 145.2 217.8



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

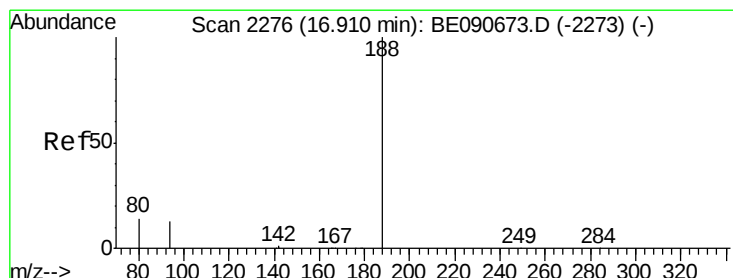
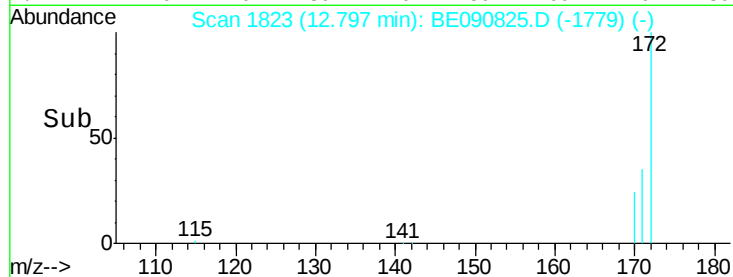
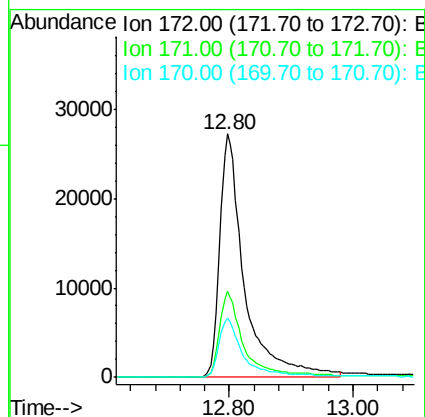
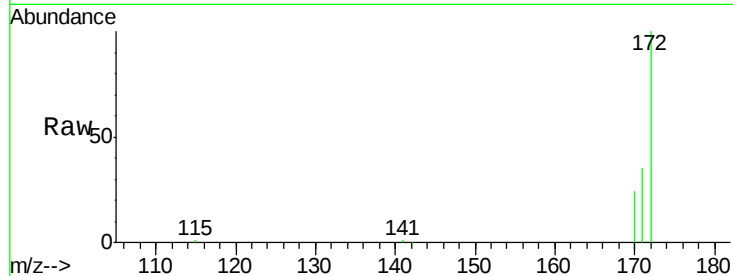




#14
2-Fluorobiphenyl
Concen: 4.12 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090825.D
Acq: 15 Sep 2015 7:07

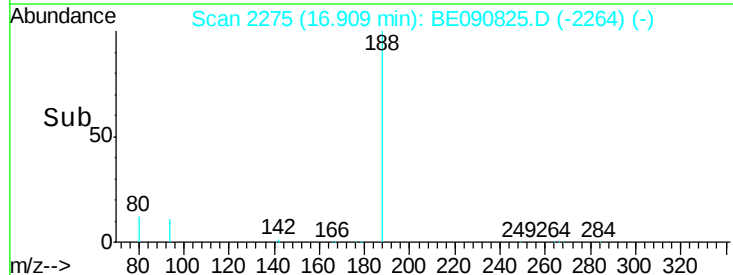
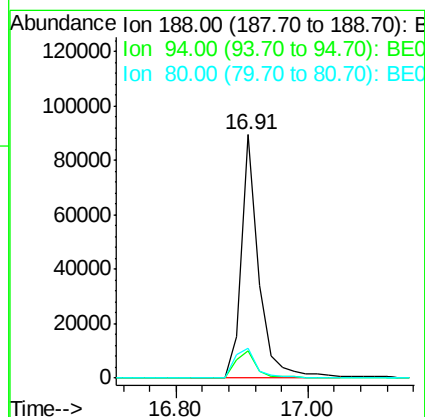
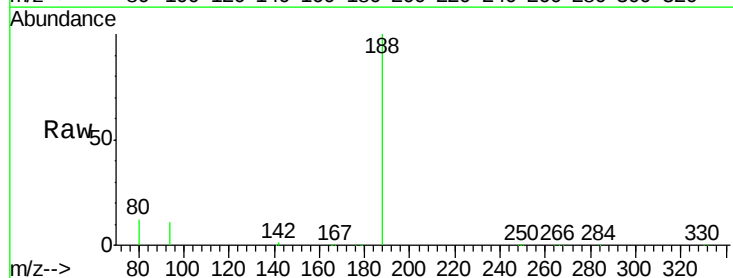
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Tot Ion:172 Resp: 75253
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 24.2 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090825.D
Acq: 15 Sep 2015 7:07

Tgt Ion:188 Resp: 164191
Ion Ratio Lower Upper
188 100
94 11.0 10.3 15.5
80 12.1 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

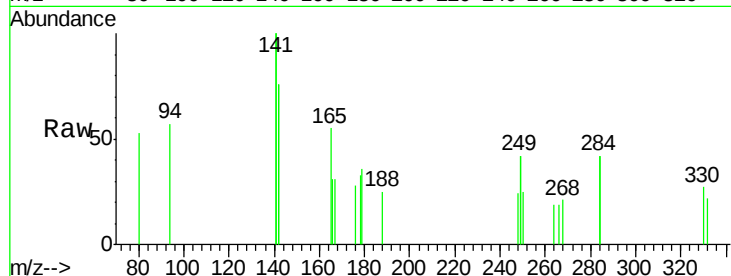
Tot Ion:284 Resp: 90

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

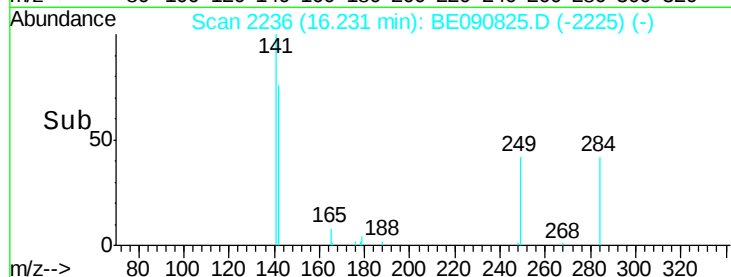
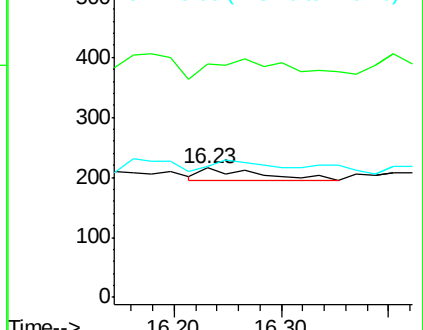
249 67.8 25.5 38.3#



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: 0.46 ng

RT: 16.63 min Scan# 2259

Delta R.T. 0.03 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

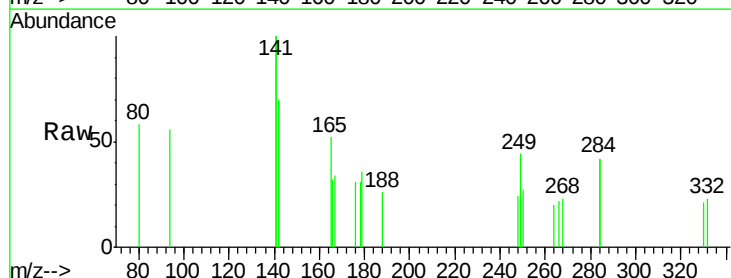
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

268 105.6 49.6 74.4#

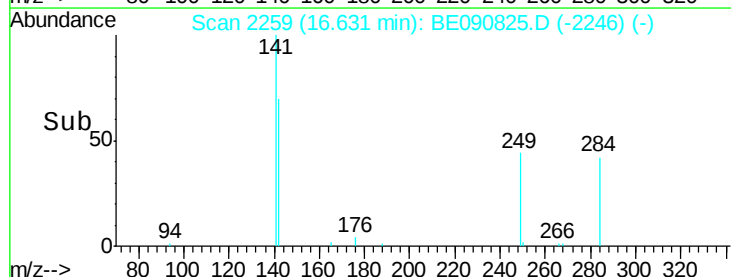
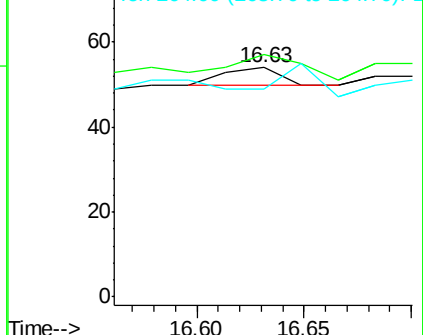
264 90.7 53.9 80.9#

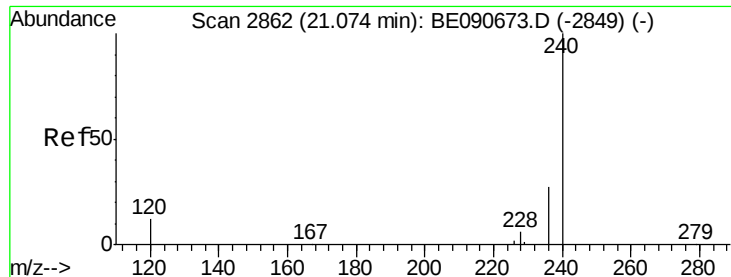


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2859

Delta R.T. -0.01 min

Lab File: BE090825.D

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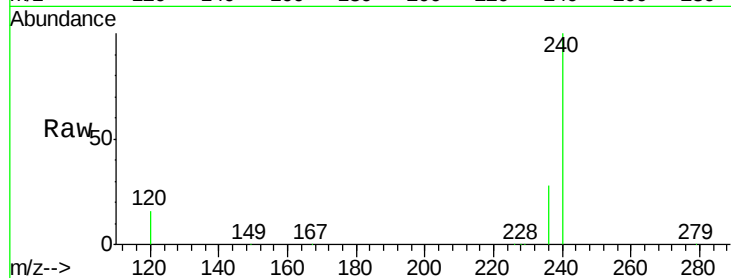
Tot Ion:240 Resp: 204240

Ion Ratio Lower Upper

240 100

120 15.8 10.1 15.1#

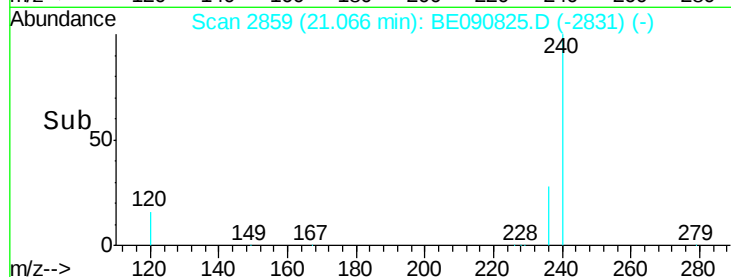
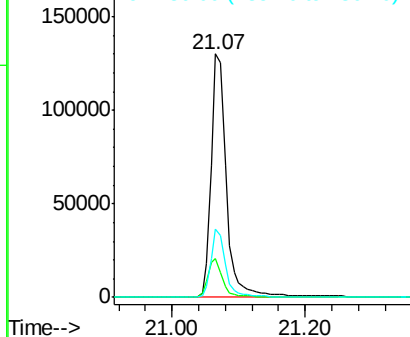
236 27.8 21.9 32.9



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: 5.82 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

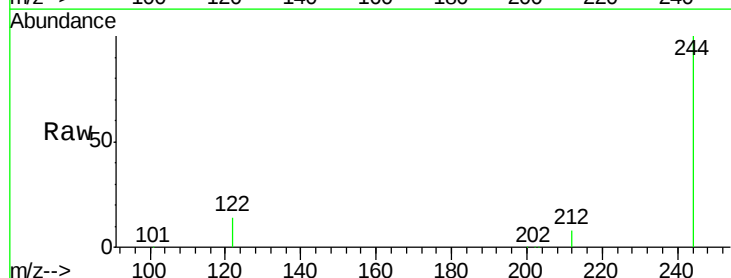
Tgt Ion:244 Resp: 131610

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

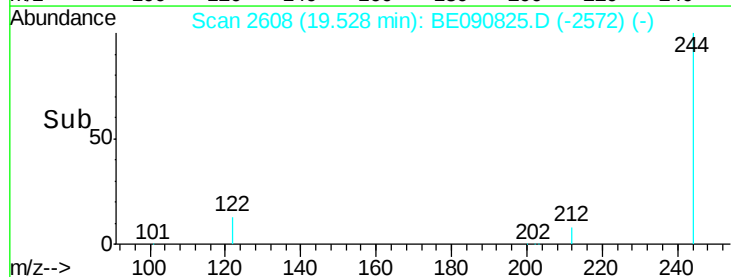
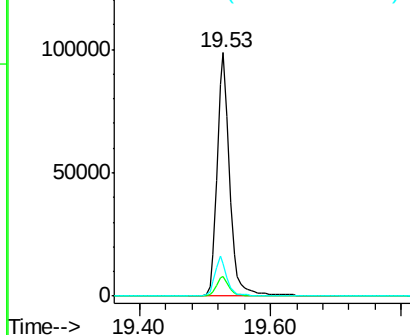
122 13.5 12.9 19.3



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: 21.07 min Scan# 2859

Delta R.T. -0.04 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

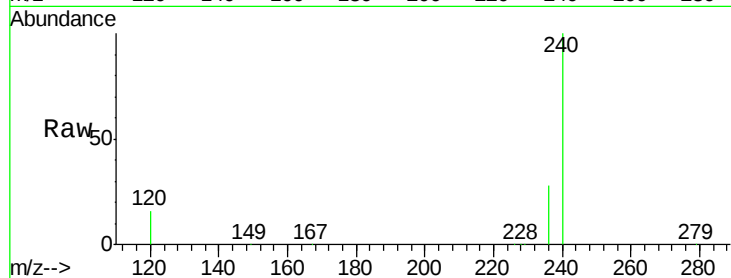
Tot Ion:228 Resp: 798

Ion Ratio Lower Upper

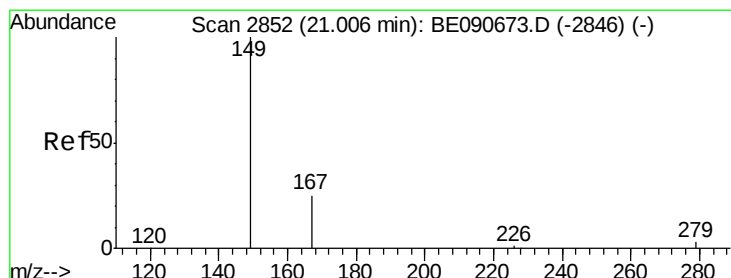
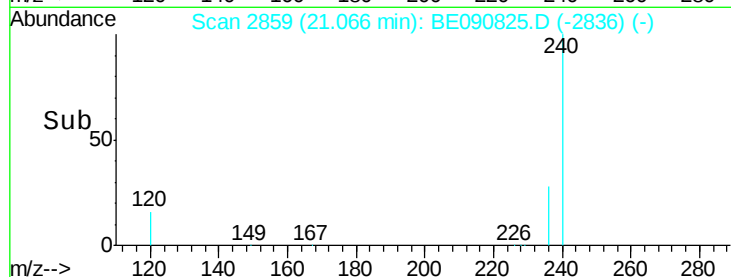
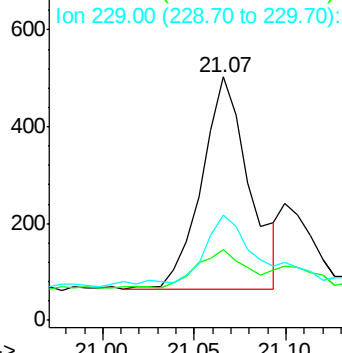
228 100

226 29.2 24.2 36.4

229 43.1 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090825.D

Acq: 15 Sep 2015 7:07

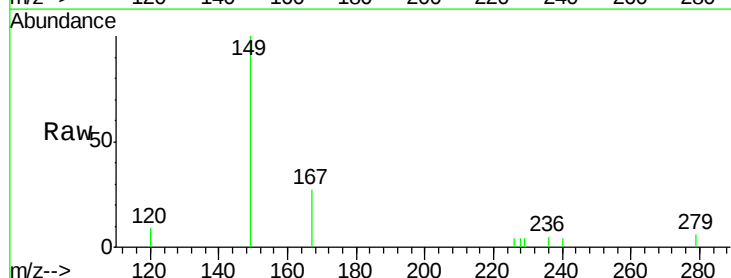
Tgt Ion:149 Resp: 1613

Ion Ratio Lower Upper

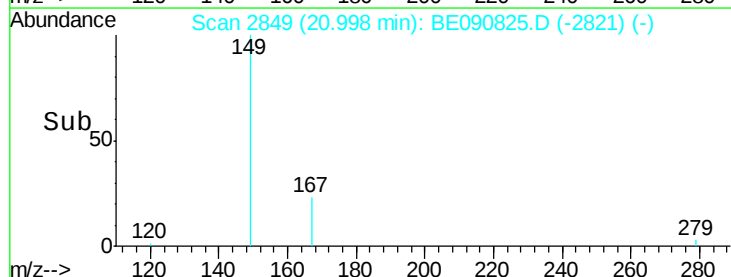
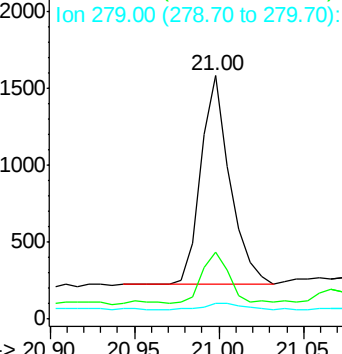
149 100

167 22.7 20.1 30.1

279 4.6 2.3 3.5#



Abundance Ion 149.00 (148.70 to 149.70): E

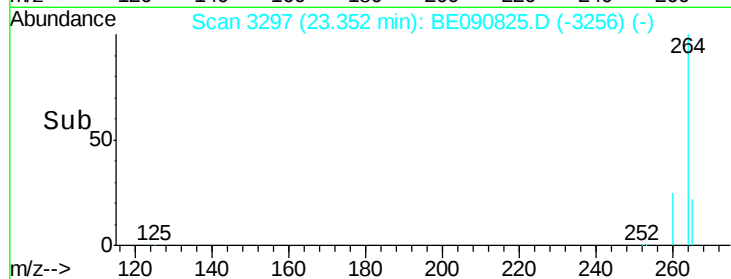
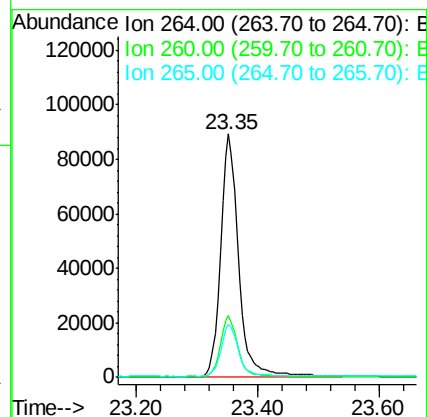




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090825.D
Acq: 15 Sep 2015 7:07

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-U-B

Tot Ion:264 Resp: 185667
Ion Ratio Lower Upper
264 100
260 25.3 19.7 29.5
265 21.9 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3820
Delta R.T. 0.00 min
Lab File: BE090825.D
Acq: 15 Sep 2015 7:07

Tgt Ion:278 Resp: 7
Ion Ratio Lower Upper
278 100
139 162.9 15.4 23.0#
279 132.3 18.8 28.2#

