

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090775.D
 Acq On : 10 Sep 2015 23:35
 Operator : UM/IZ
 Sample : G3599-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-B

Quant Time: Sep 11 03:37:22 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	37175	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	167242	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	87800	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	225103	5.00	ng	0.00
25) Chrysene-d12	21.07	240	288413	5.00	ng	0.00
32) Perylene-d12	23.36	264	263649	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	28478	3.94	ng	0.00
5) Phenol-d6	6.75	99	27547	2.66	ng	0.00
7) Nitrobenzene-d5	8.71	82	45471	4.11	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	20899	8.11	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	102297	4.21	ng	0.00
27) Terphenyl-d14	19.53	244	185957	5.83	ng	-0.01

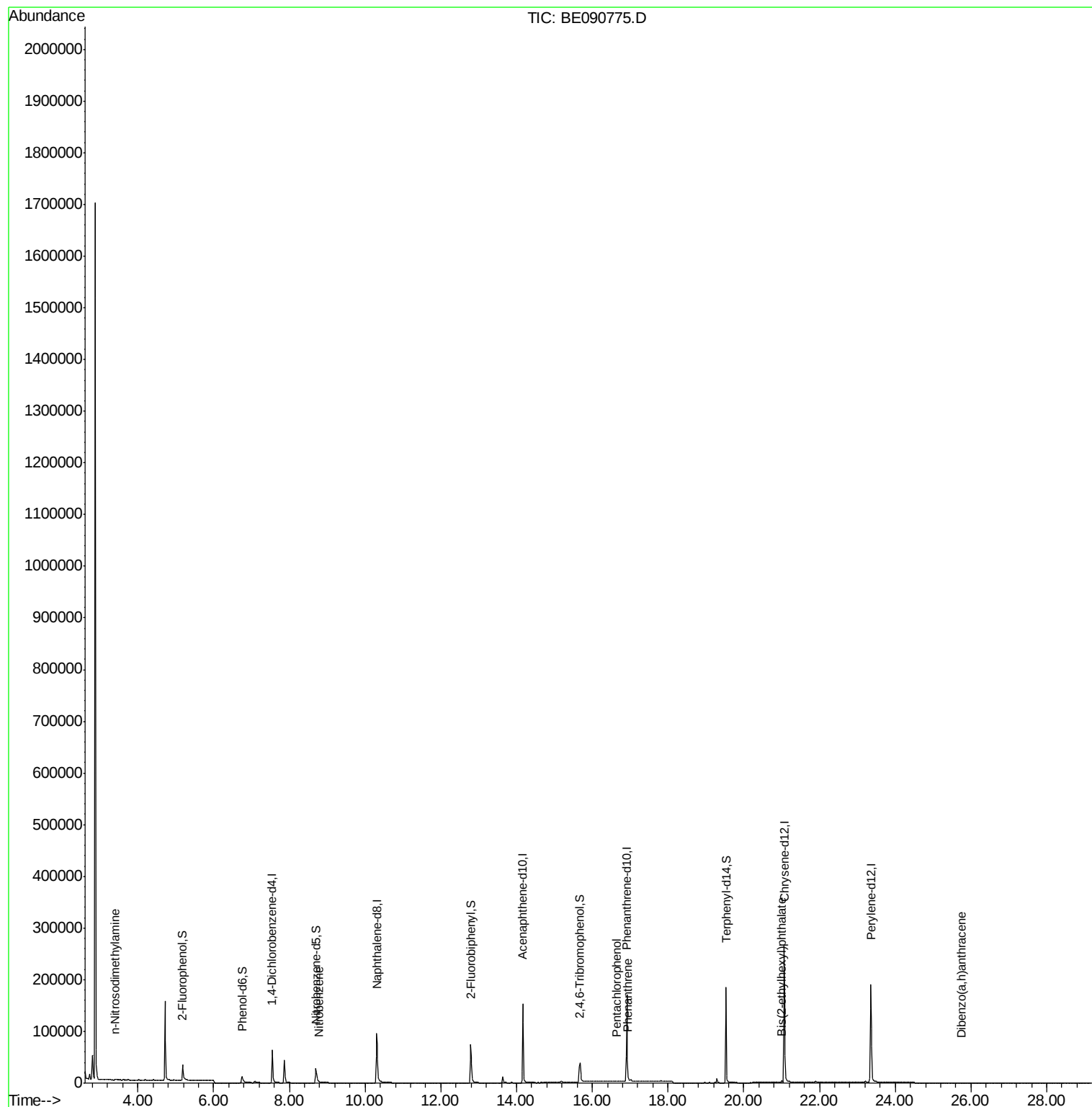
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	124	Below Cal	#	1
3) n-Nitrosodimethylamine	3.39	42	971	0.06	ng	1
8) Nitrobenzene	8.78	77	12	0.11	ng	1
20) Hexachlorobenzene	16.23	284	142	Below Cal	#	43
21) Pentachlorophenol	16.63	266	31	0.47	ng	71
22) Phenanthrene	16.95	178	1367	0.02	ng	80
29) Chrysene	21.11	228	332	Below Cal	#	54
30) Bis(2-ethylhexyl)phthalate	21.00	149	4433	0.33	ng	88
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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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090775.D

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Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

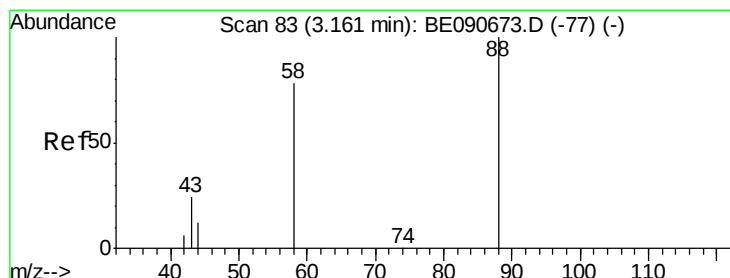
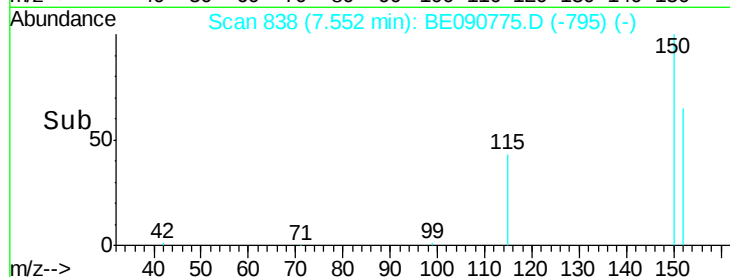
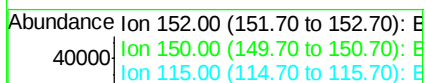
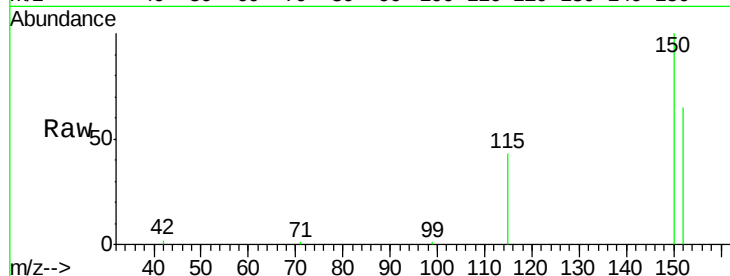
Tot Ion:152 Resp: 37175

Ion Ratio Lower Upper

152 100

150 153.0 122.2 183.4

115 66.0 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

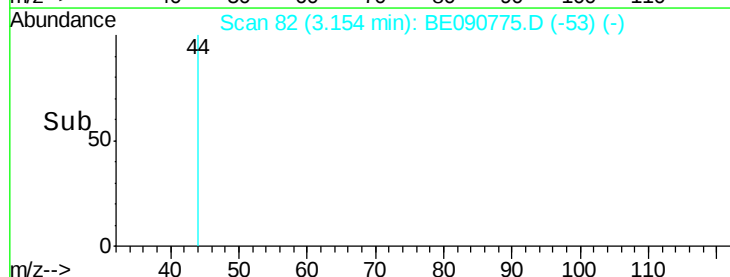
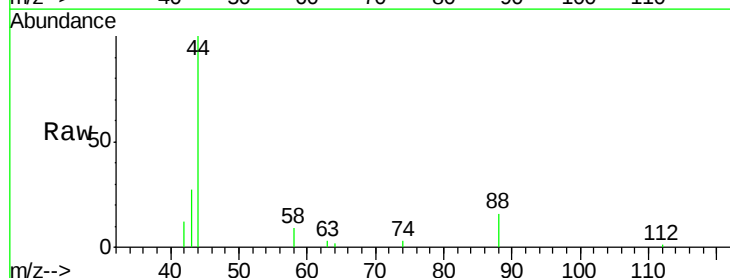
Tgt Ion: 88 Resp: 124

Ion Ratio Lower Upper

88 100

58 40.3 68.4 102.6#

43 195.2 26.9 40.3#



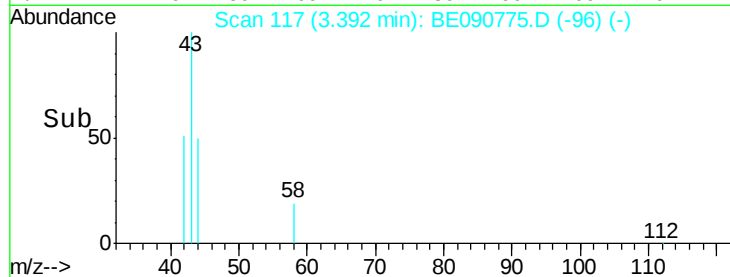
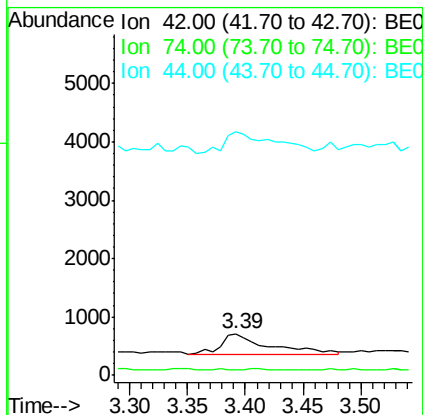
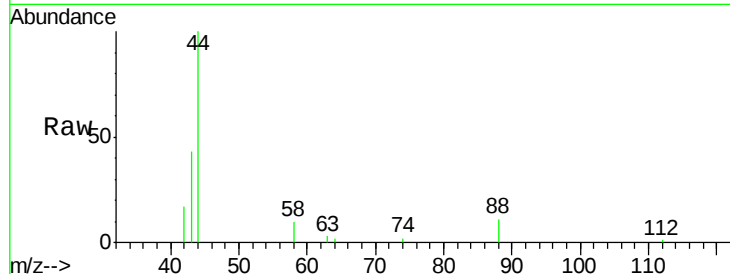


#3

n-Nitrosodimethylamine
 Concen: 0.06 ng
 RT: 3.39 min Scan# 117
 Delta R.T. -0.06 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-B

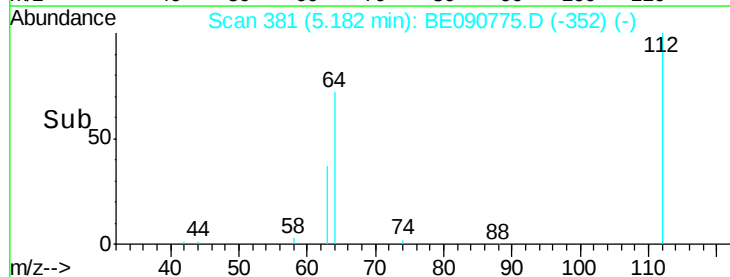
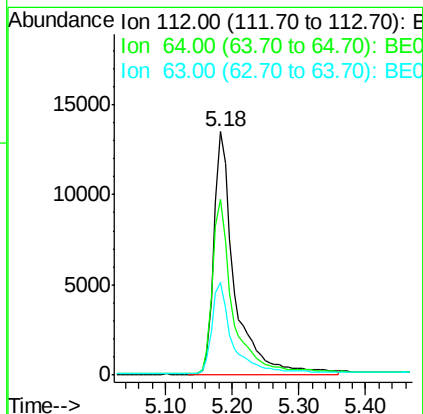
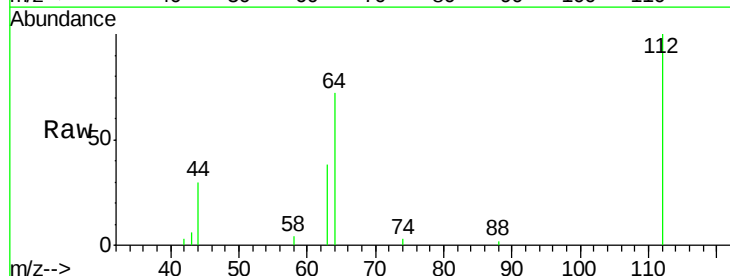
Tot Ion: 42 Resp: 971
 Ion Ratio Lower Upper
 42 100
 74 1.5 83.7 125.5#
 44 120.8 10.0 15.0#



#4

2-Fluorophenol
 Concen: 3.94 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

Tgt Ion: 112 Resp: 28478
 Ion Ratio Lower Upper
 112 100
 64 71.3 57.3 85.9
 63 37.5 29.2 43.8





#5

Phenol-d6

Concen: 2.66 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

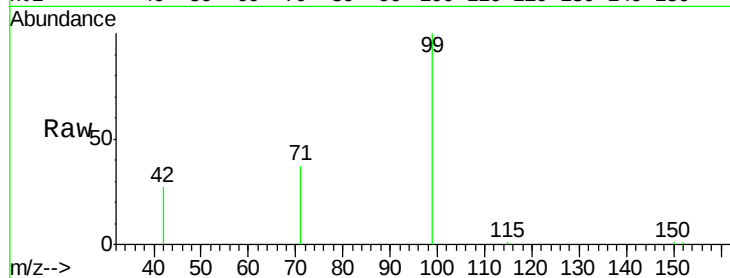
Tot Ion: 99 Resp: 27547

Ion Ratio Lower Upper

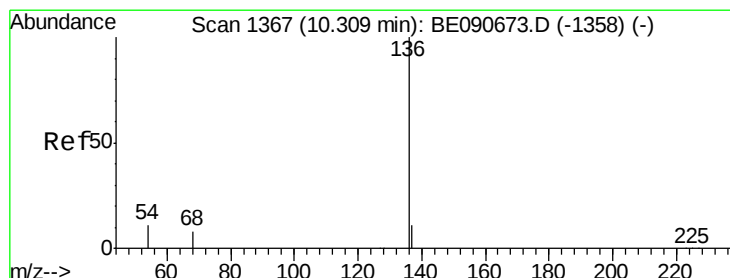
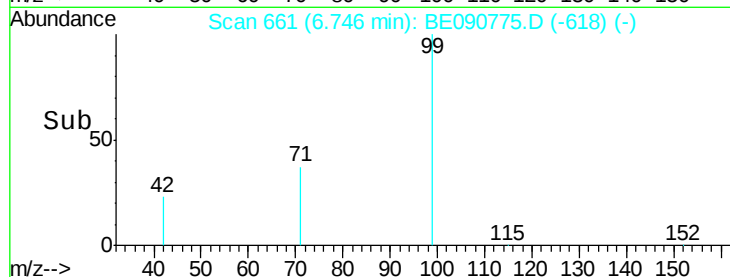
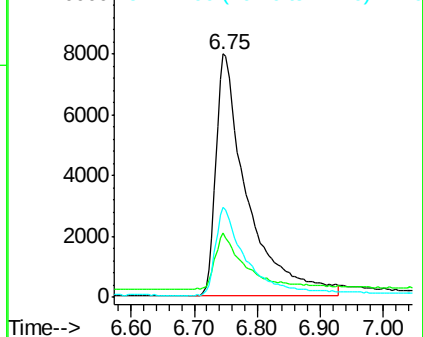
99 100

42 23.4 16.8 25.2

71 35.9 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: BE090775.D

Acq: 10 Sep 2015 23:35

Tgt Ion: 136 Resp: 167242

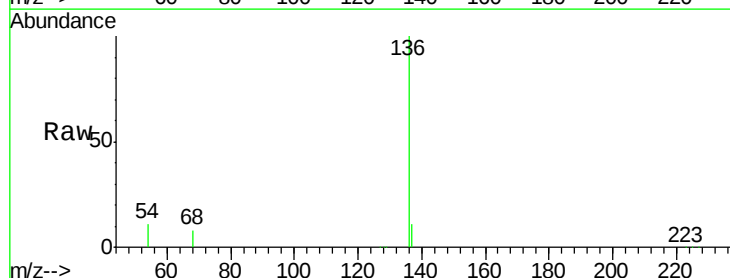
Ion Ratio Lower Upper

136 100

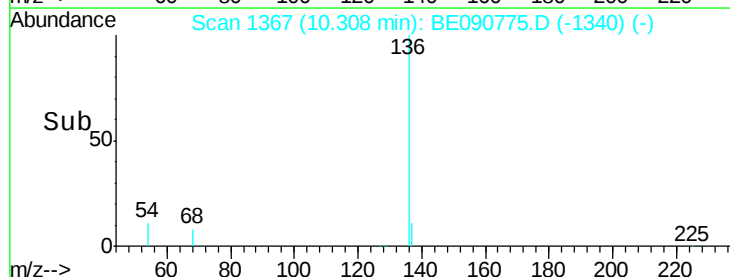
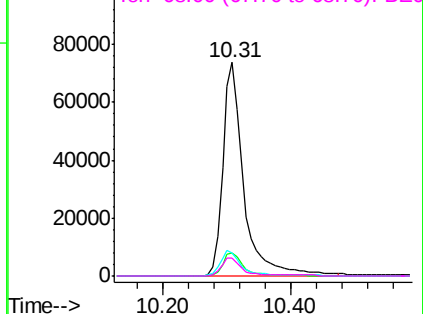
137 11.0 8.7 13.1

54 11.1 9.0 13.6

68 8.1 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: 4.11 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

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ClientSampleId :

090415-D534-F-D-B

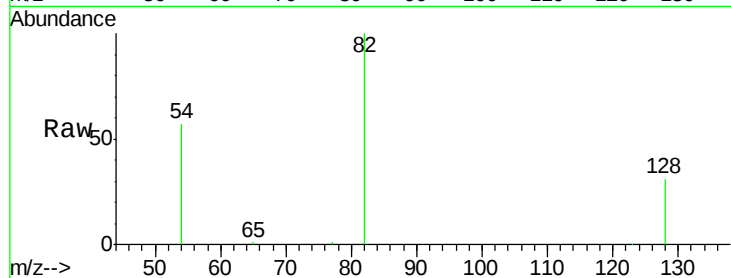
Tot Ion: 82 Resp: 45471

Ion Ratio Lower Upper

82 100

128 31.0 25.0 37.4

54 56.8 46.3 69.5

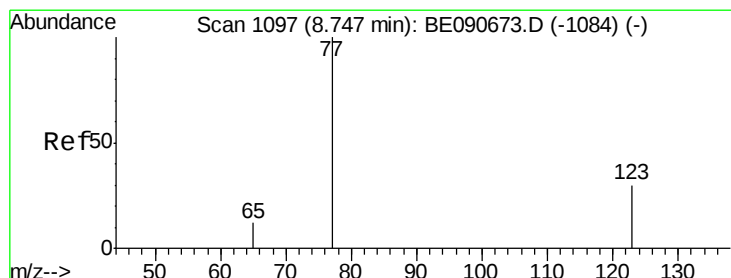
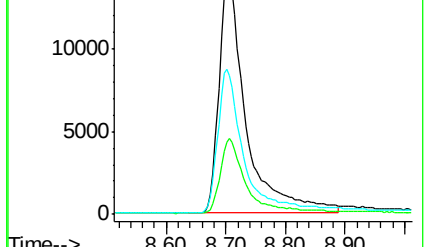
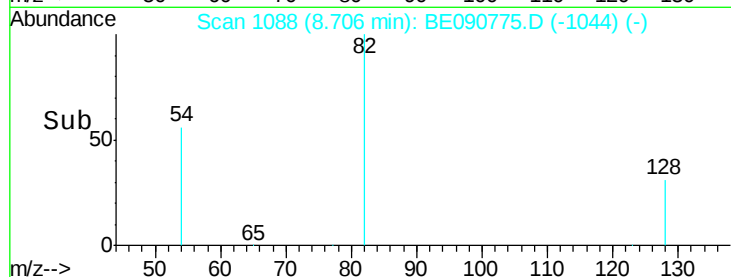


Abundance Ion 82.00 (81.70 to 82.70): BE090775.D (-1044) (-)

Ion 128.00 (127.70 to 128.70): BE090775.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090775.D (-1044) (-)

Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.78 min Scan# 1105

Delta R.T. 0.04 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

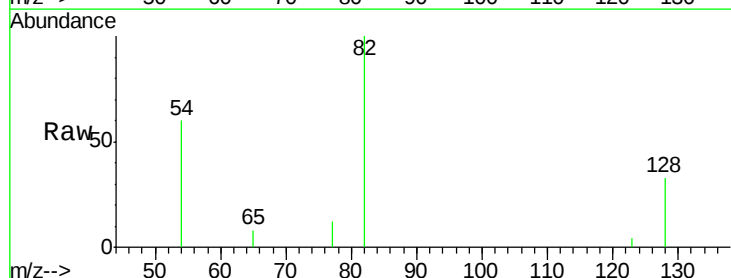
Tgt Ion: 77 Resp: 12

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

65 125.0 9.9 14.9#

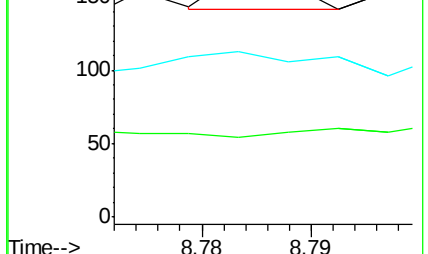
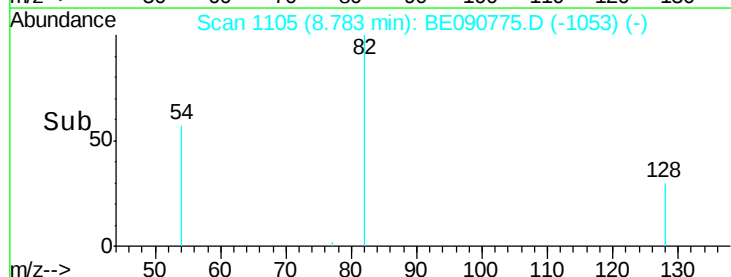


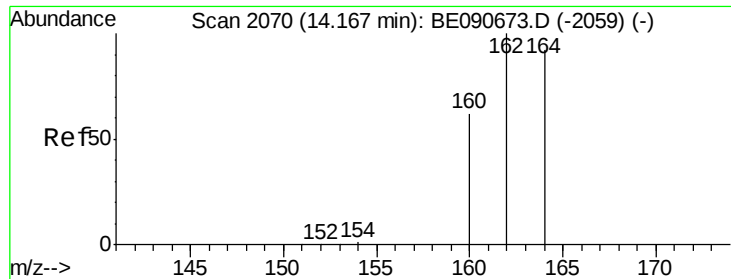
Abundance Ion 77.00 (76.70 to 77.70): BE090775.D (-1053) (-)

Ion 123.00 (122.70 to 123.70): BE090775.D (-1053) (-)

Ion 65.00 (64.70 to 65.70): BE090775.D (-1053) (-)

Time-->





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

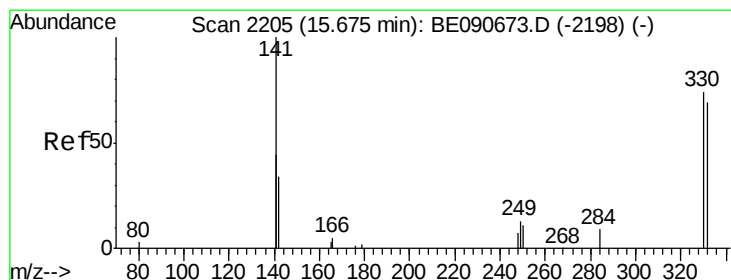
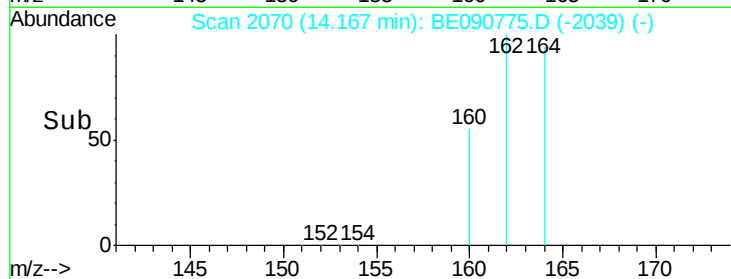
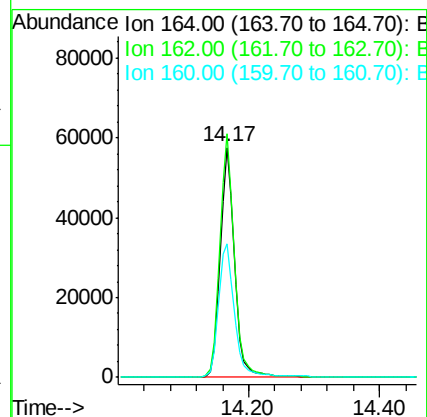
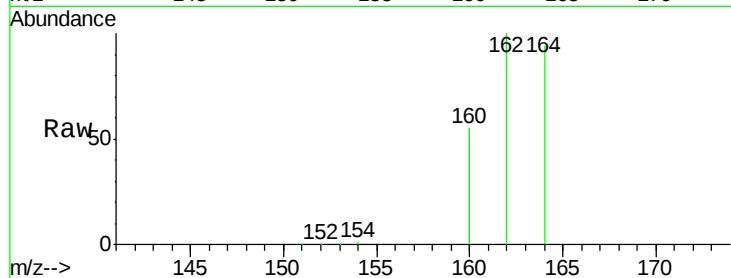
Tot Ion:164 Resp: 87800

Ion Ratio Lower Upper

164 100

162 106.0 86.8 130.2

160 57.9 53.9 80.9



#13

2,4,6-Tribromophenol

Concen: 8.11 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

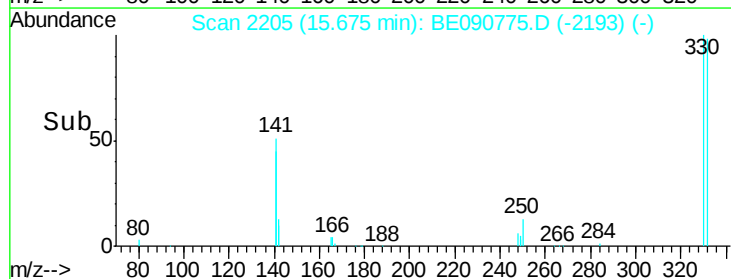
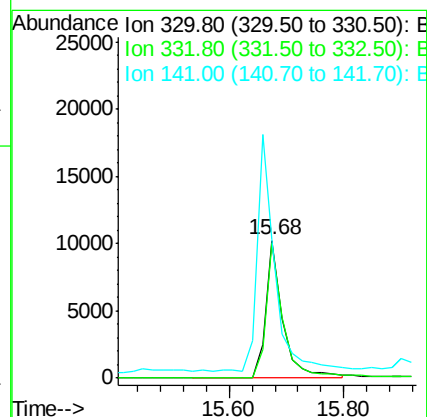
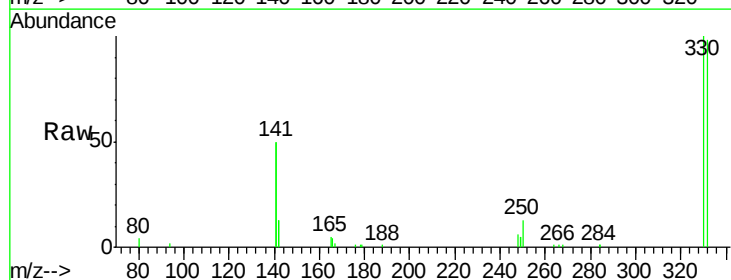
Tgt Ion:330 Resp: 20899

Ion Ratio Lower Upper

330 100

332 97.3 74.9 112.3

141 184.9 145.2 217.8

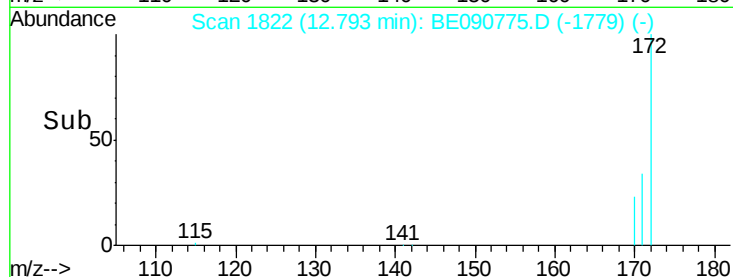
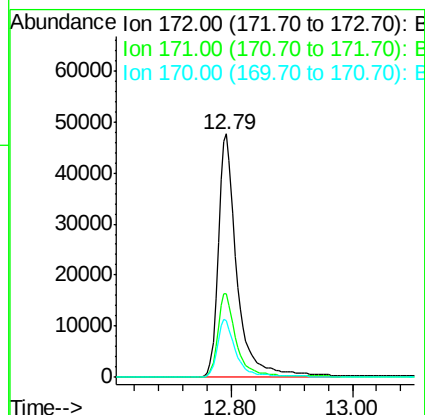
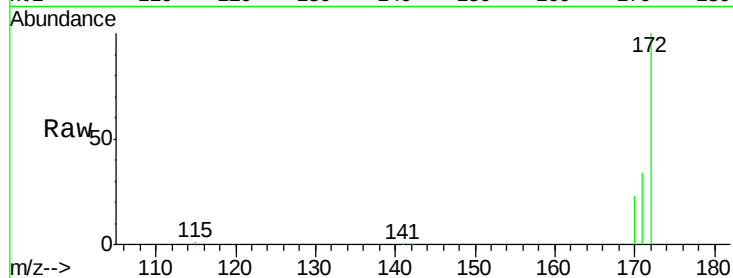




#14
2-Fluorobiphenyl
Concen: 4.21 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090775.D
Acq: 10 Sep 2015 23:35

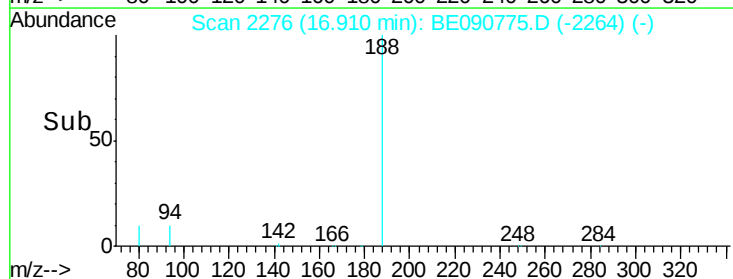
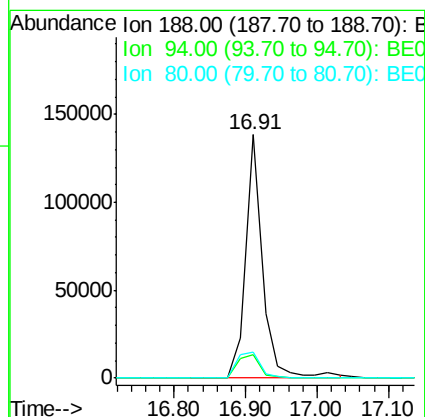
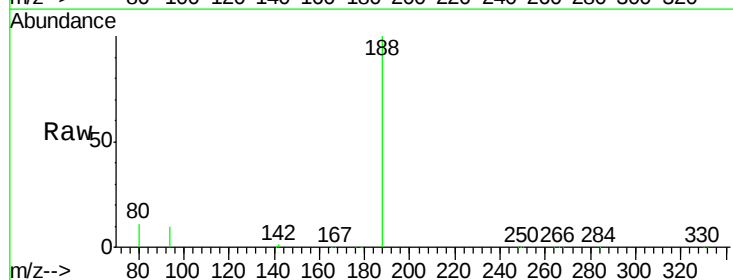
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Tot Ion:172 Resp: 102297
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.3 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090775.D
Acq: 10 Sep 2015 23:35

Tgt Ion:188 Resp: 225103
Ion Ratio Lower Upper
188 100
94 9.9 10.3 15.5#
80 10.6 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

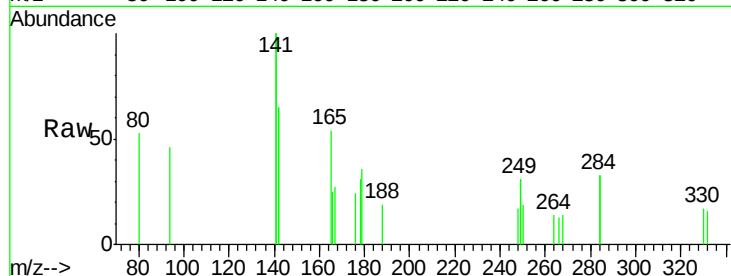
Tot Ion:284 Resp: 142

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

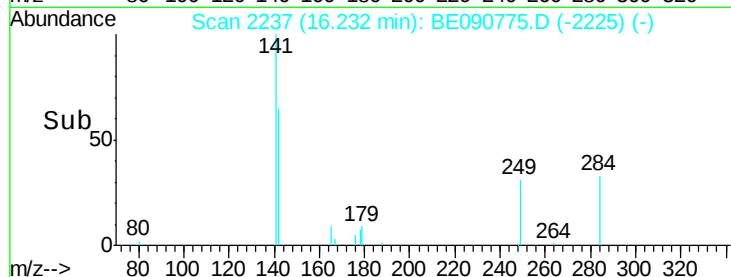
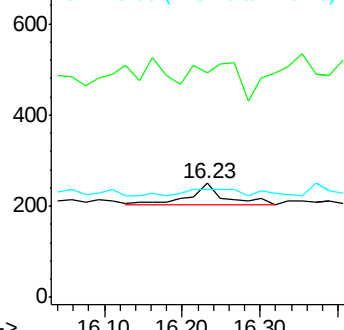
249 55.6 25.5 38.3#



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: 16.63 min Scan# 2260

Delta R.T. 0.03 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

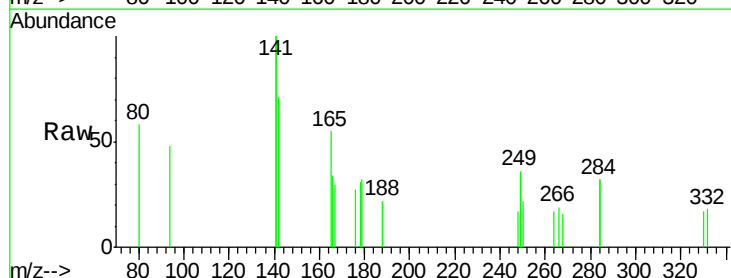
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

268 87.1 49.6 74.4#

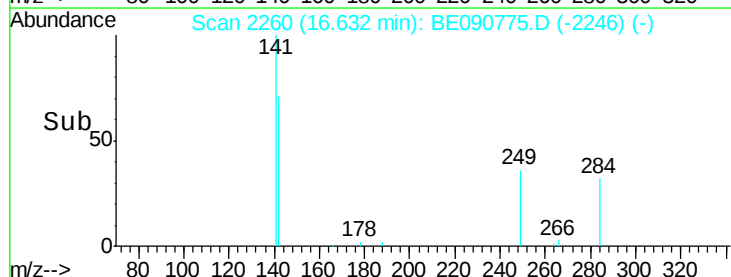
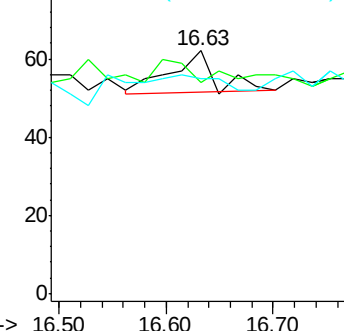
264 88.7 53.9 80.9#

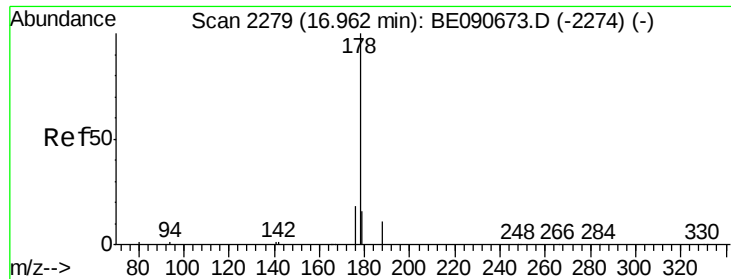


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.02 ng

RT: 16.95 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

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ClientSampleId :

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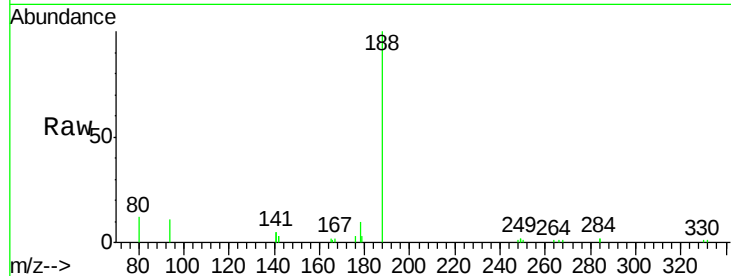
Tot Ion:178 Resp: 1367

Ion Ratio Lower Upper

178 100

176 22.4 15.6 23.4

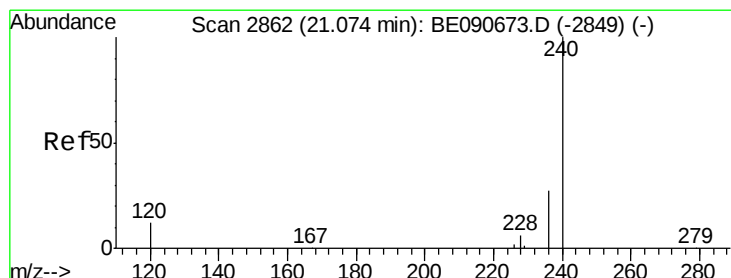
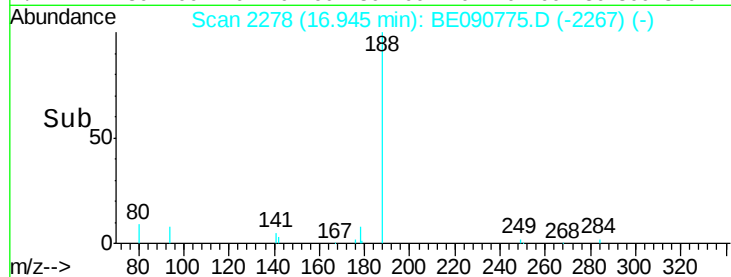
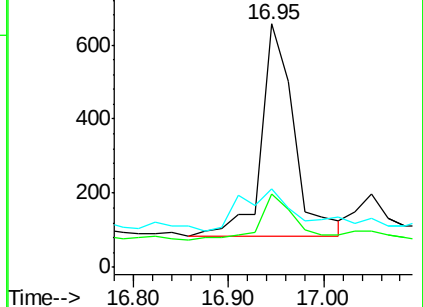
179 31.5 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

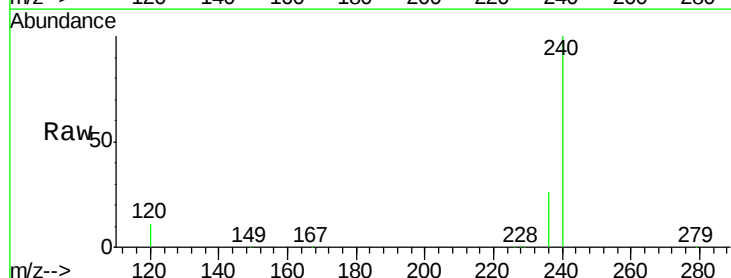
Tgt Ion:240 Resp: 288413

Ion Ratio Lower Upper

240 100

120 10.6 10.1 15.1

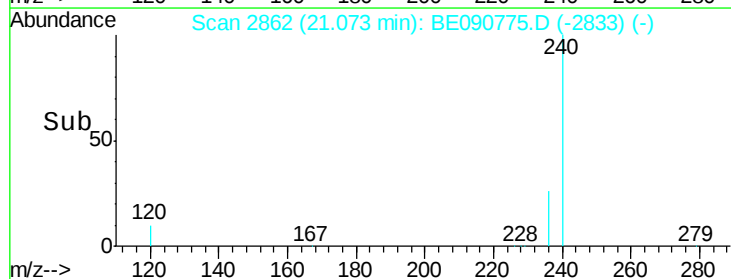
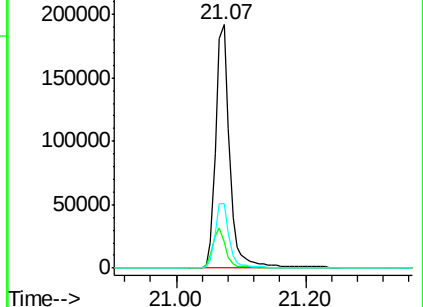
236 26.4 21.9 32.9

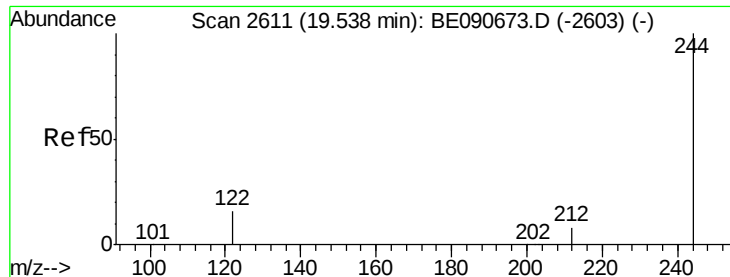


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

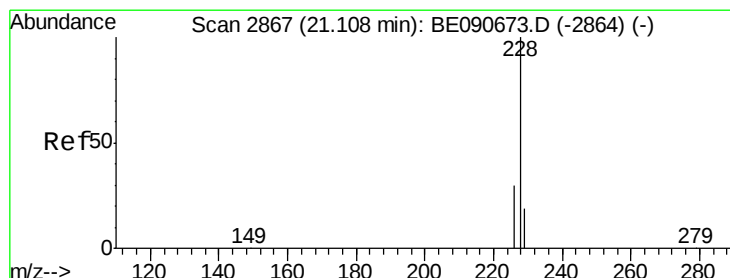
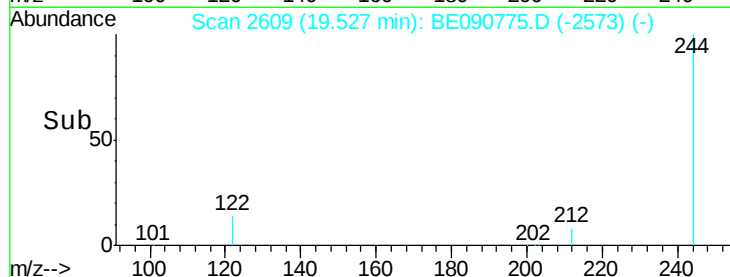
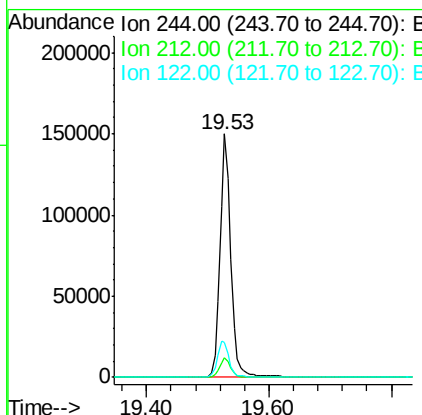
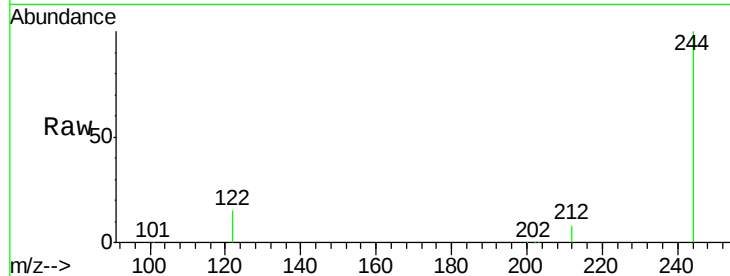




#27
 Terphenyl-d14
 Concen: 5.83 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

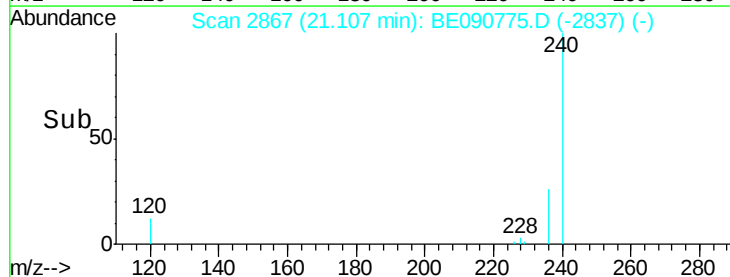
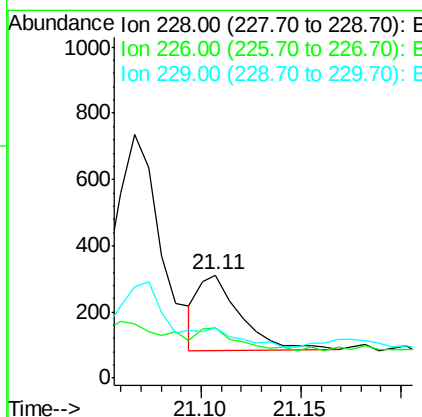
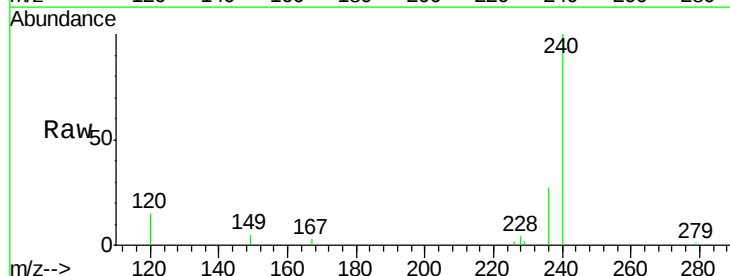
Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-B

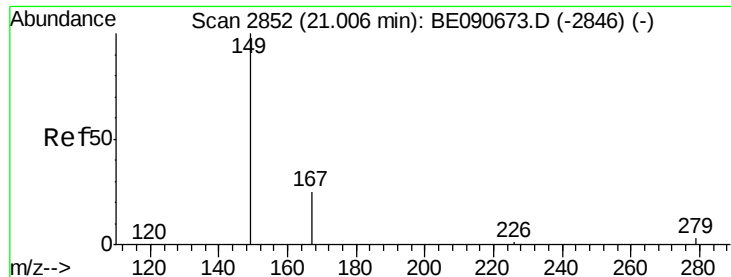
Tot Ion:244 Resp: 185957
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 14.6 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.11 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

Tgt Ion:228 Resp: 332
 Ion Ratio Lower Upper
 228 100
 226 48.6 24.2 36.4#
 229 48.6 15.3 22.9#

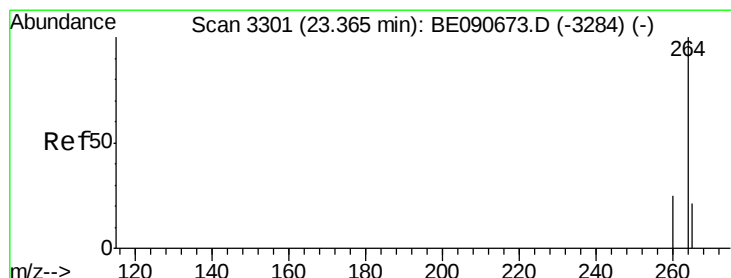
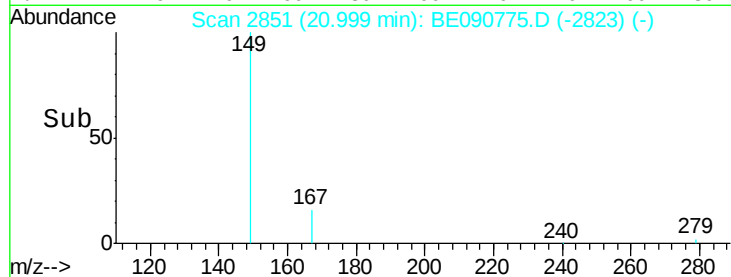
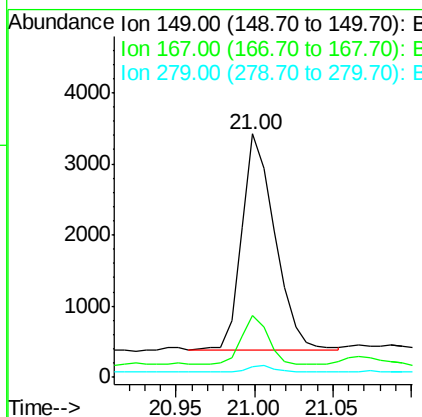
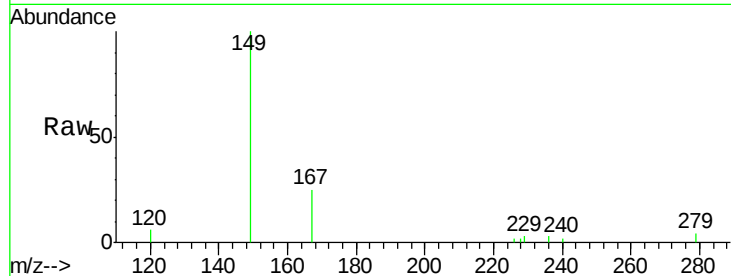




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.33 ng
 RT: 21.00 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

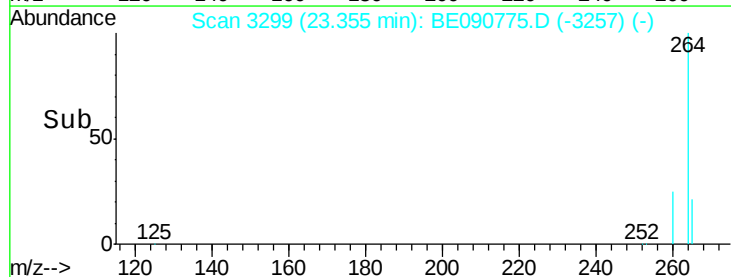
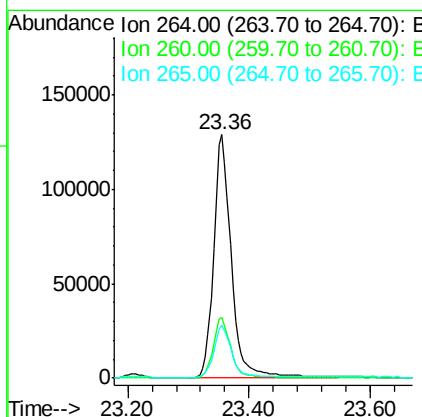
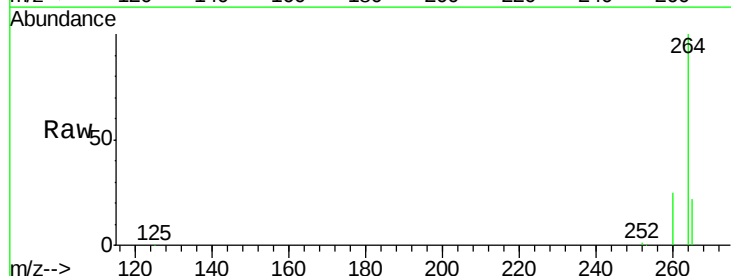
Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-B

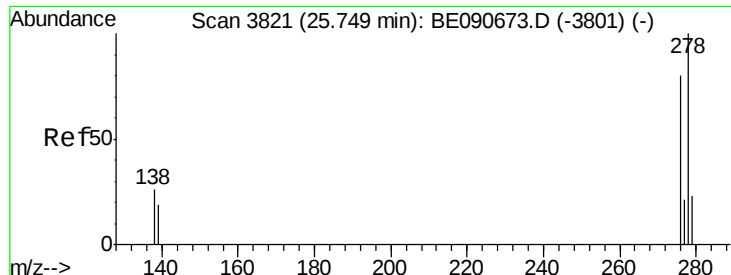
Tot Ion:149 Resp: 4433
 Ion Ratio Lower Upper
 149 100
 167 18.7 20.1 30.1#
 279 2.5 2.3 3.5



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

Tgt Ion:264 Resp: 263649
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 21.9 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3819

Delta R.T. -0.01 min

Lab File: BE090775.D

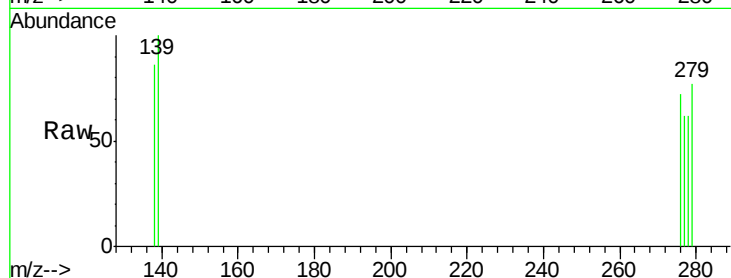
Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B



Tot Ion: 278 Resp: 13

Ion Ratio Lower Upper

278 100

139 161.6 15.4 23.0#

279 124.7 18.8 28.2#

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

