

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090765.D
 Acq On : 10 Sep 2015 17:31
 Operator : UM/IZ
 Sample : G3598-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-D-M

Quant Time: Sep 11 02:52:47 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

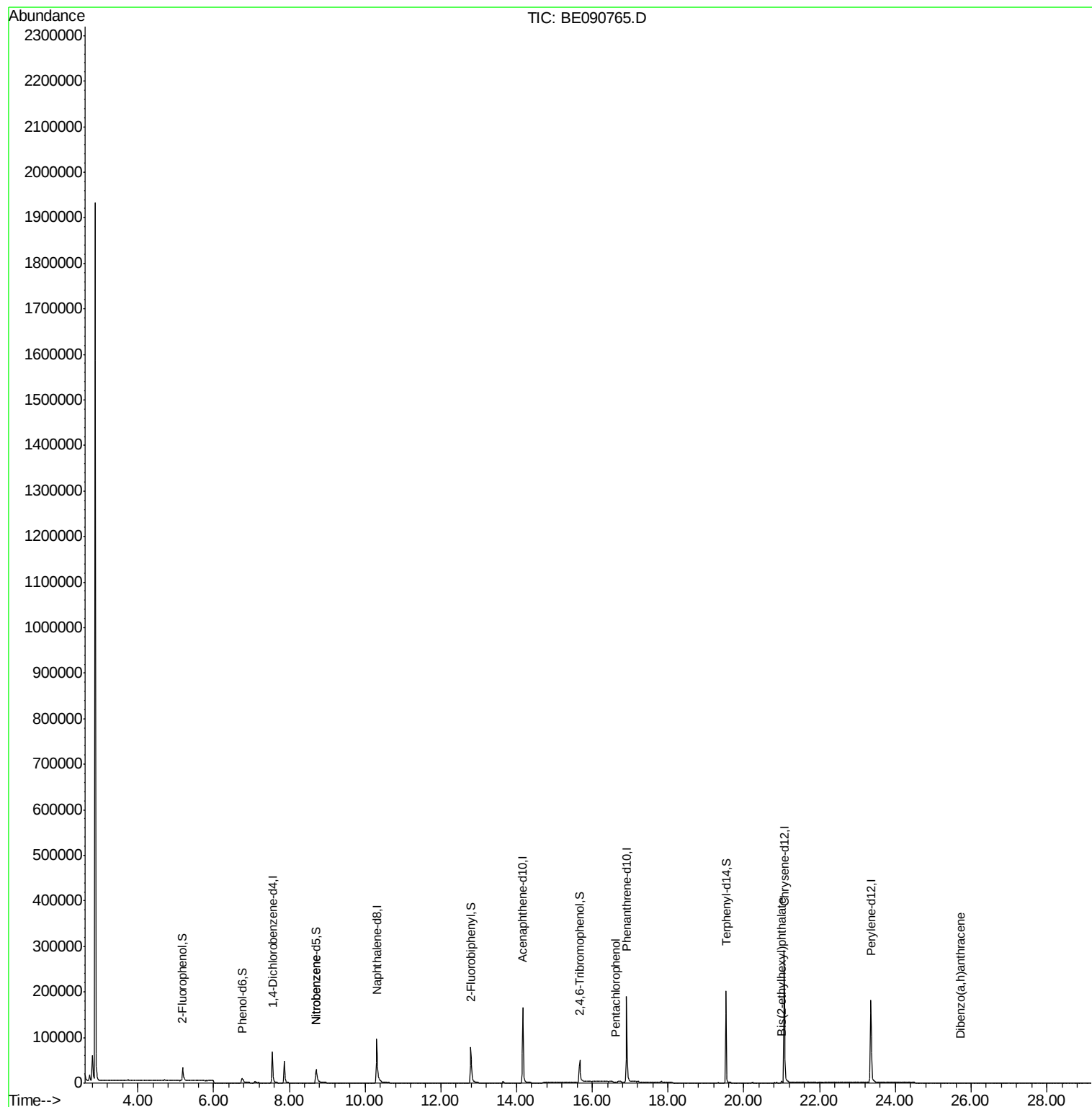
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	40129	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	184444	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	101130	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	255262	5.00	ng	0.00
25) Chrysene-d12	21.07	240	299223	5.00	ng	0.00
32) Perylene-d12	23.36	264	265423	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	30739	3.94	ng	0.00
5) Phenol-d6	6.75	99	26880	2.41	ng	0.00
7) Nitrobenzene-d5	8.71	82	52260	4.29	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	27511	9.24	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	119401	4.26	ng	0.00
27) Terphenyl-d14	19.53	244	215116	6.50	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	204	Below Cal	#	5
8) Nitrobenzene	8.71	77	130	0.12 ng	#	39
20) Hexachlorobenzene	16.23	284	81	Below Cal	#	41
21) Pentachlorophenol	16.61	266	23	0.47 ng	#	52
29) Chrysene	21.11	228	378	Below Cal	#	59
30) Bis(2-ethylhexyl)phthalate	21.00	149	3604	0.27 ng		96
36) Dibenzo(a,h)anthracene	25.74	278	37	0.14 ng	#	1

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

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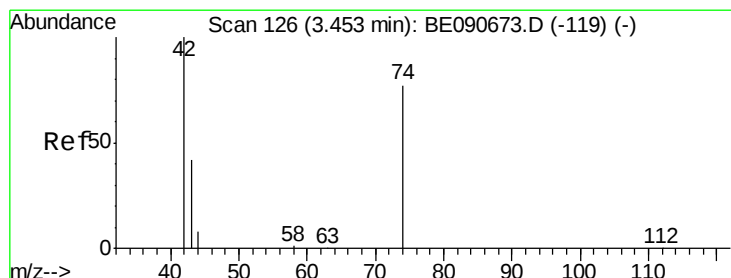
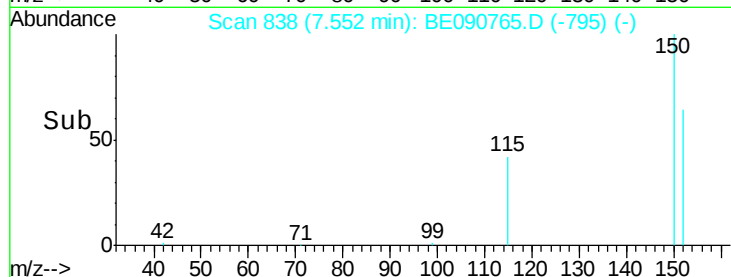
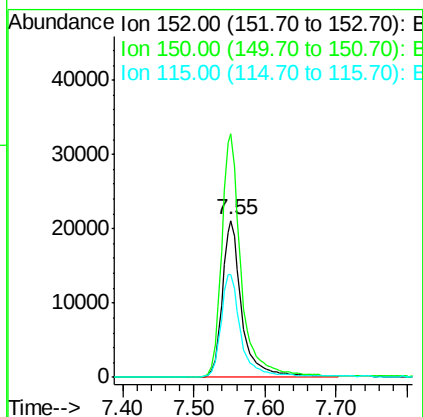
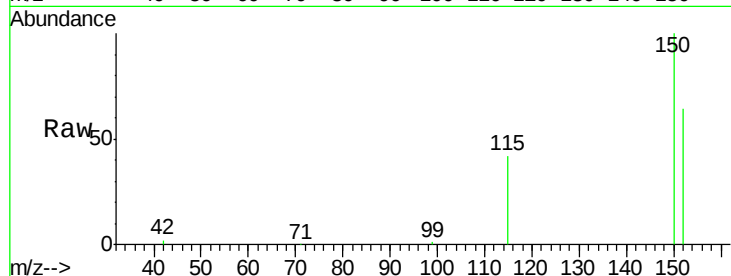


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090765.D
Acq: 10 Sep 2015 17:31

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-D-M

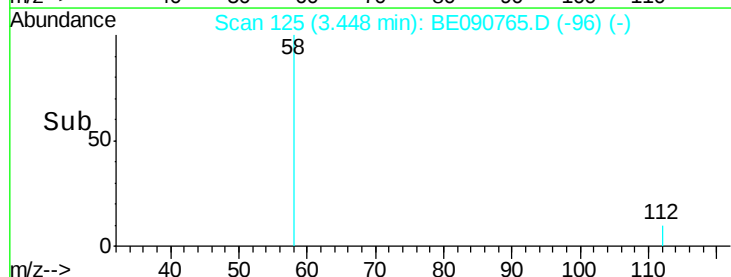
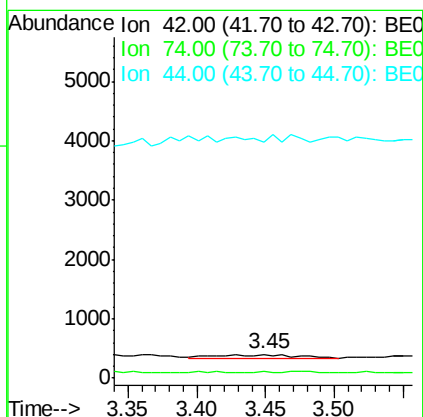
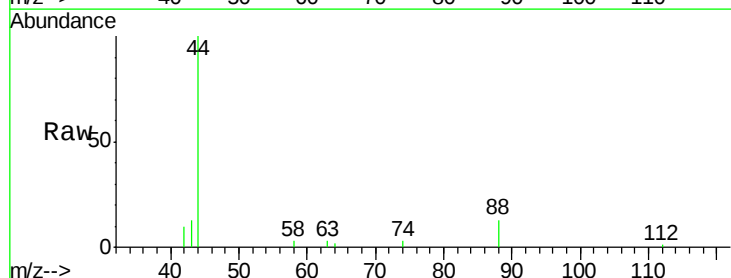
Tot Ion:152 Resp: 40129
Ion Ratio Lower Upper
152 100
150 155.2 122.2 183.4
115 65.8 51.0 76.4

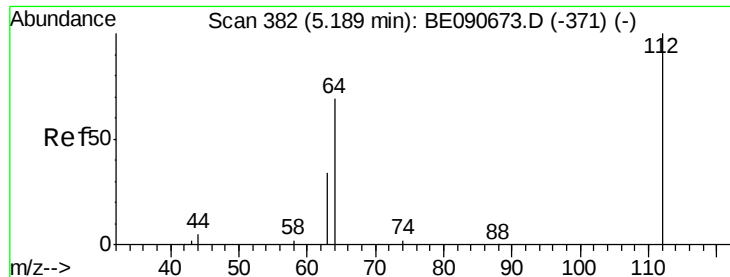


#3

n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090765.D
Acq: 10 Sep 2015 17:31

Tgt Ion: 42 Resp: 204
Ion Ratio Lower Upper
42 100
74 0.0 83.7 125.5#
44 26.0 10.0 15.0#





#4

2-Fluorophenol

Concen: 3.94 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-M

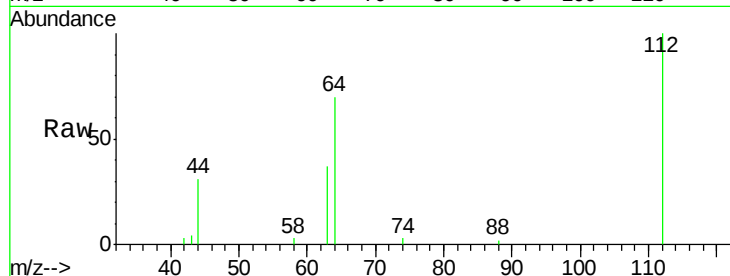
Tot Ion:112 Resp: 30739

Ion Ratio Lower Upper

112 100

64 71.7 57.3 85.9

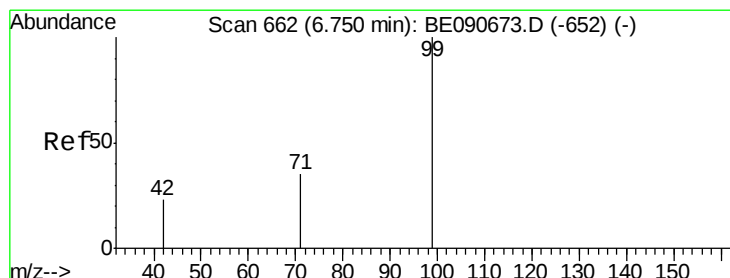
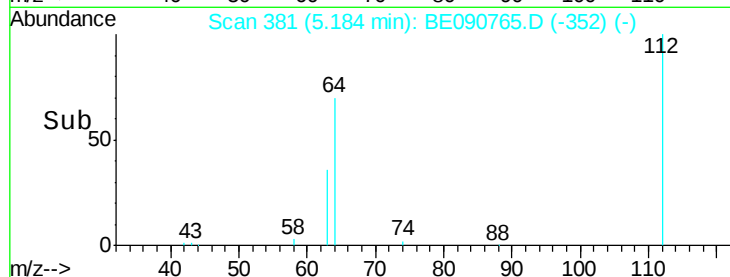
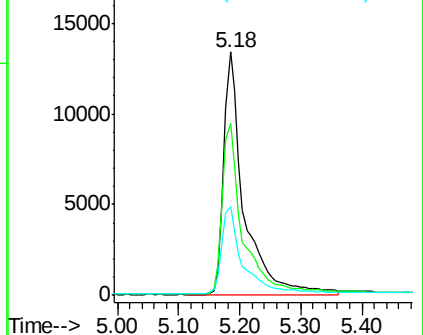
63 37.1 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.41 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

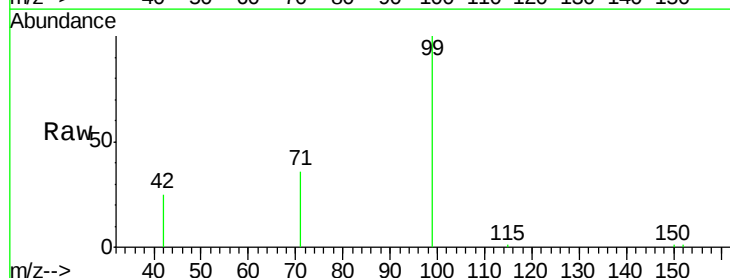
Tgt Ion: 99 Resp: 26880

Ion Ratio Lower Upper

99 100

42 21.0 16.8 25.2

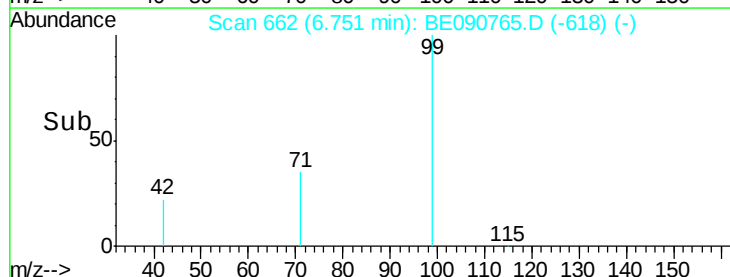
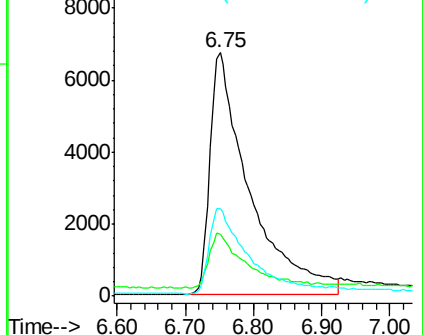
71 35.6 28.3 42.5

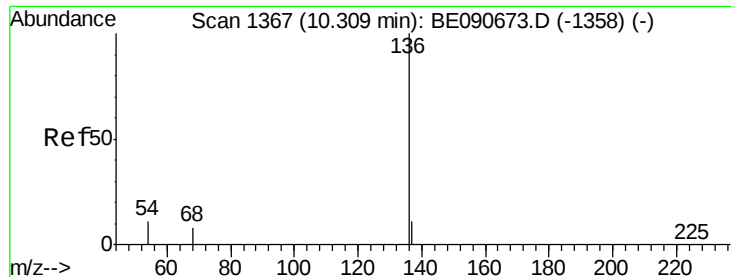


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE090765.D

Acq: 10 Sep 2015 17:31

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-M

Tot Ion:136 Resp: 184444

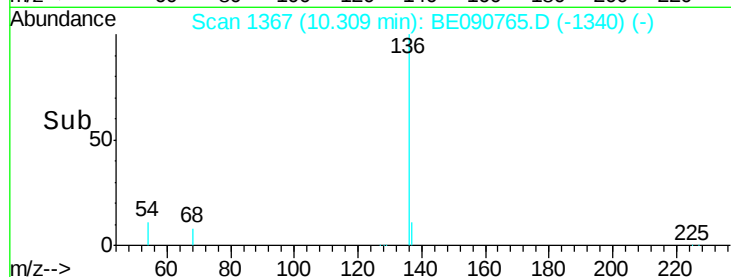
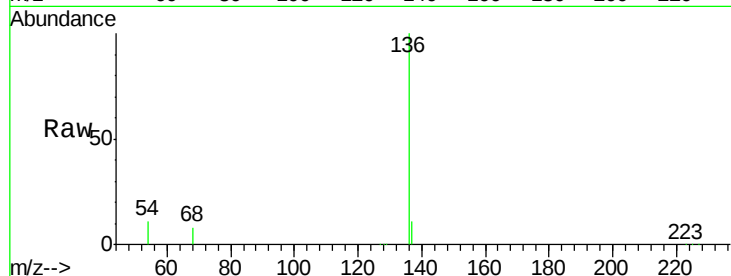
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.3 9.0 13.6

68 8.1 6.3 9.5

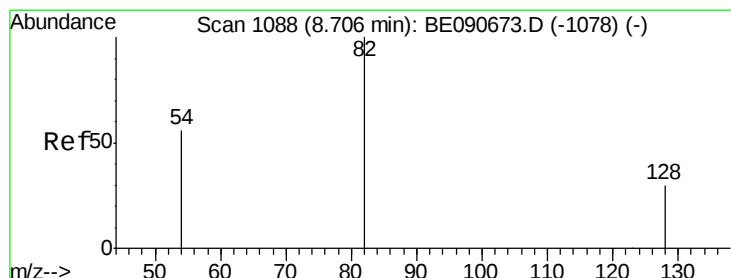
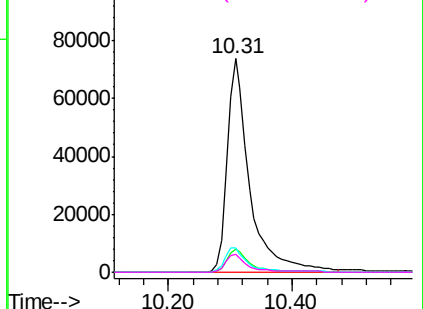


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.29 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

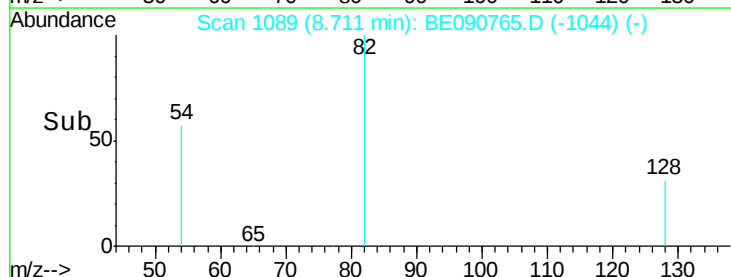
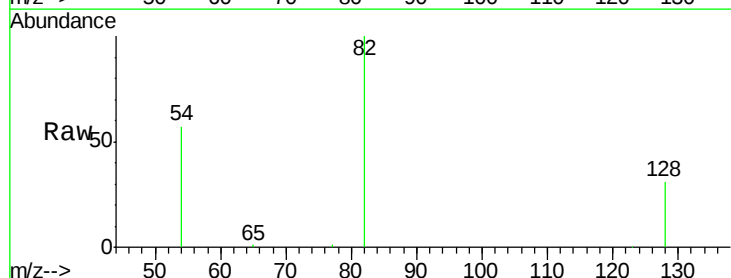
Tgt Ion: 82 Resp: 52260

Ion Ratio Lower Upper

82 100

128 31.0 25.0 37.4

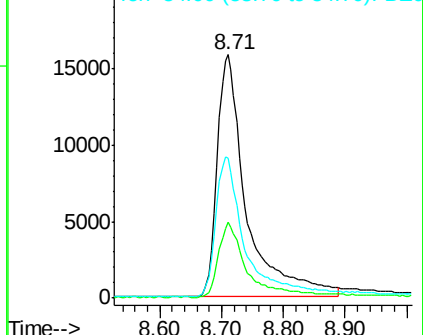
54 57.4 46.3 69.5

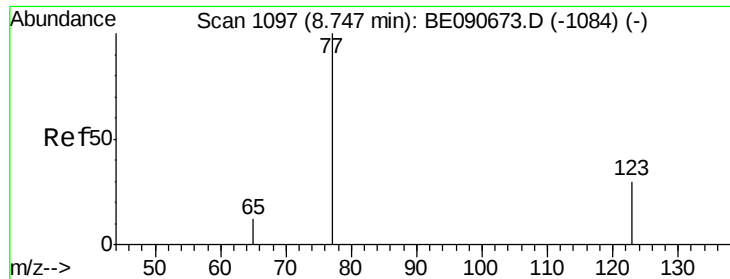


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.71 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-M

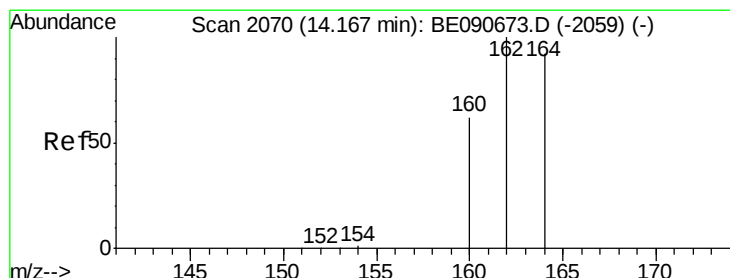
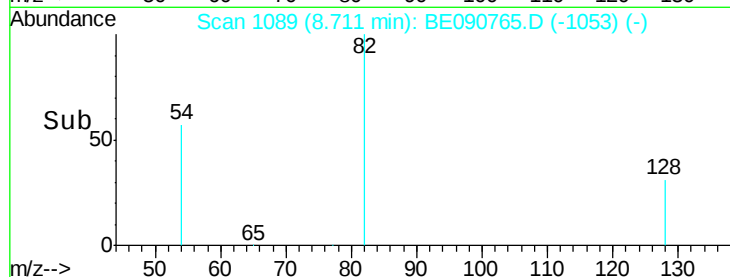
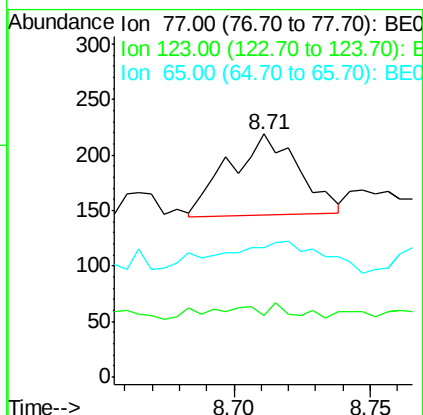
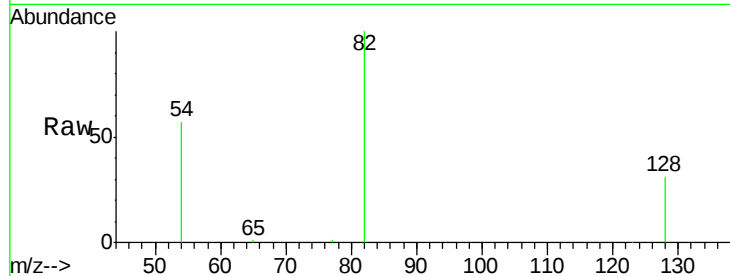
Tot Ion: 77 Resp: 130

Ion Ratio Lower Upper

77 100

123 12.3 25.1 37.7#

65 62.3 9.9 14.9#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

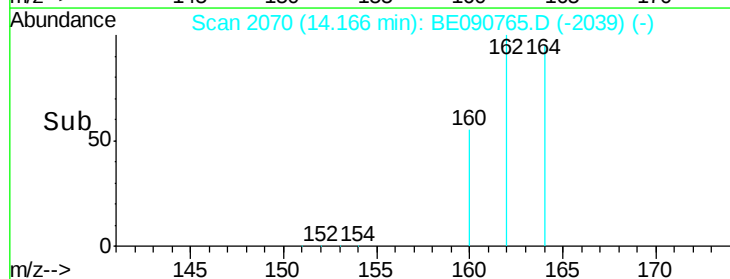
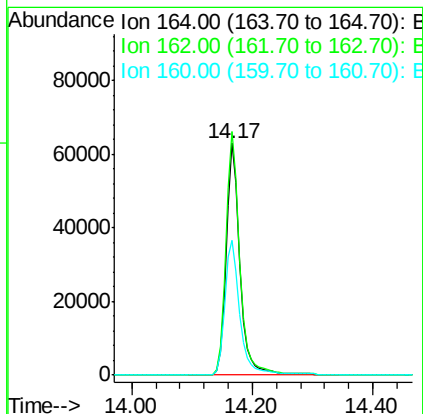
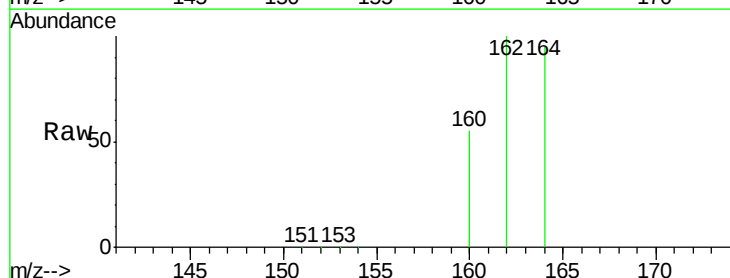
Tgt Ion: 164 Resp: 101130

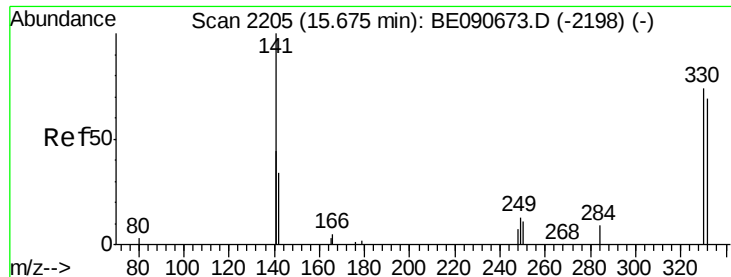
Ion Ratio Lower Upper

164 100

162 105.1 86.8 130.2

160 57.9 53.9 80.9

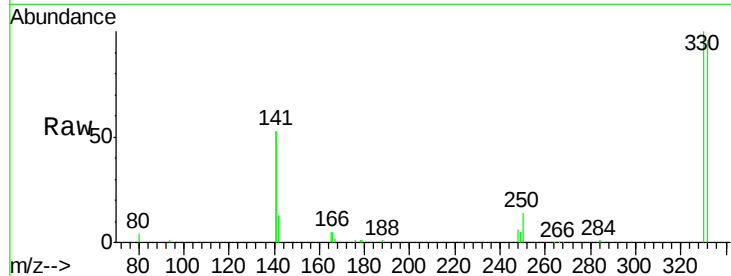




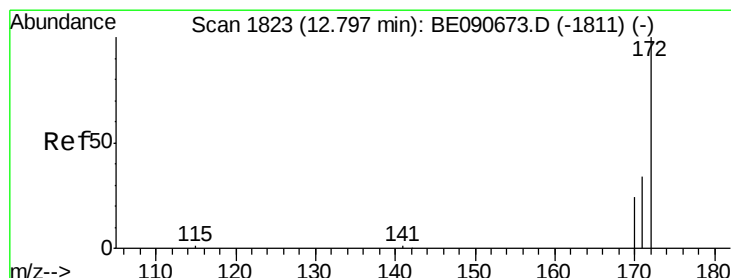
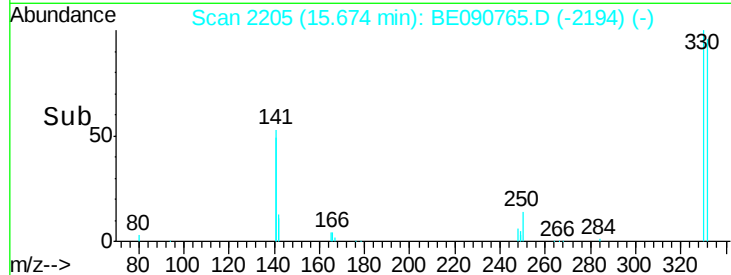
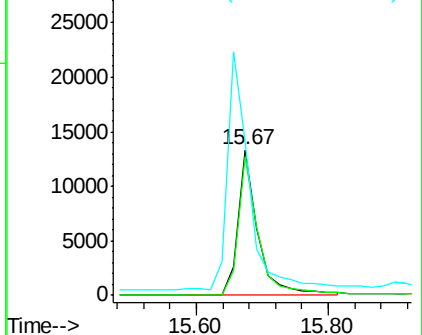
#13
 2,4,6-Tribromophenol
 Concen: 9.24 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090765.D
 Acq: 10 Sep 2015 17:31

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-D-M

Tot Ion:330 Resp: 27511
 Ion Ratio Lower Upper
 330 100
 332 96.3 74.9 112.3
 141 182.5 145.2 217.8

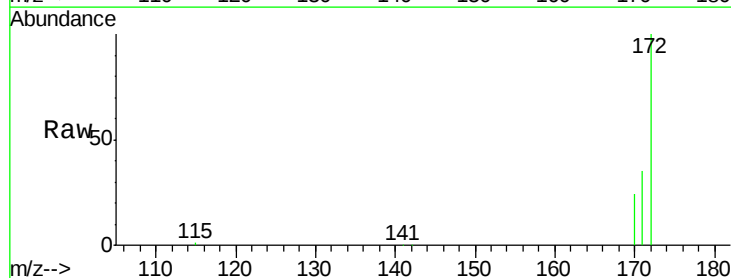


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

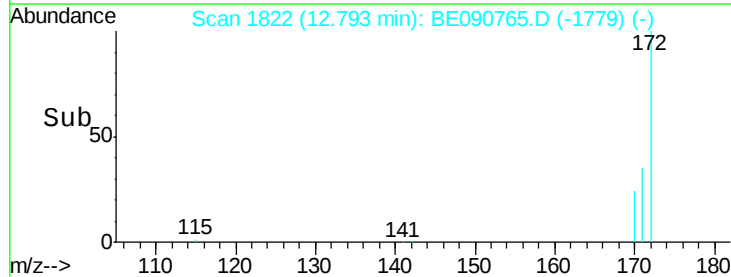
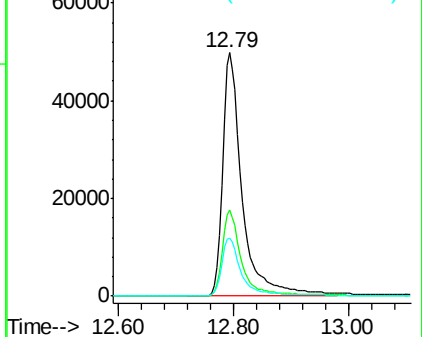


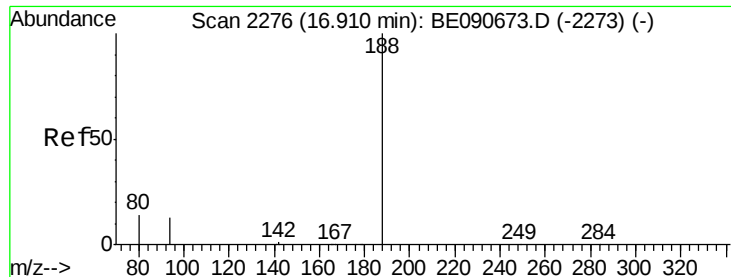
#14
 2-Fluorobiphenyl
 Concen: 4.26 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE090765.D
 Acq: 10 Sep 2015 17:31

Tgt Ion:172 Resp: 119401
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.8
 170 23.8 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

Instrument :

BNA_E

ClientSampleId :

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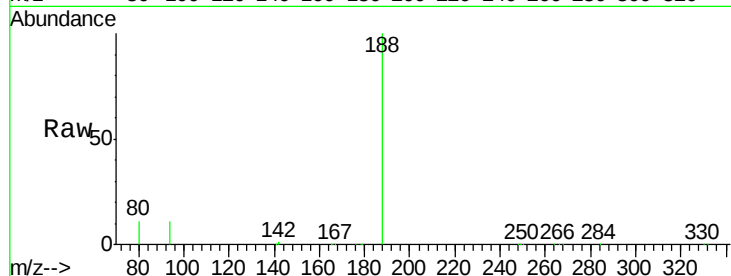
Tot Ion:188 Resp: 255262

Ion Ratio Lower Upper

188 100

94 10.5 10.3 15.5

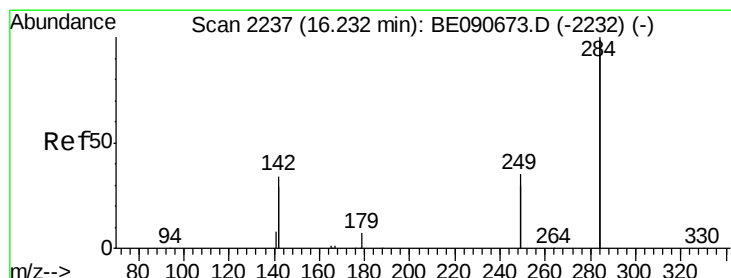
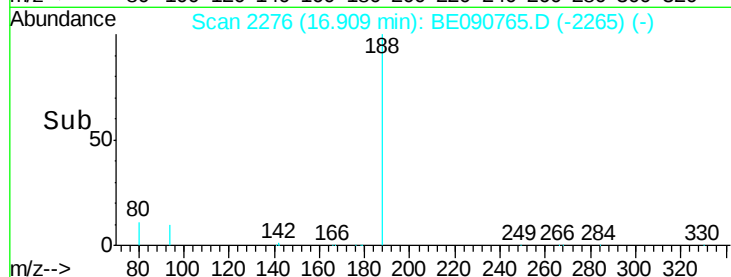
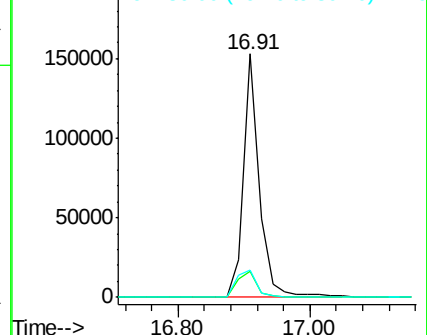
80 11.4 11.0 16.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

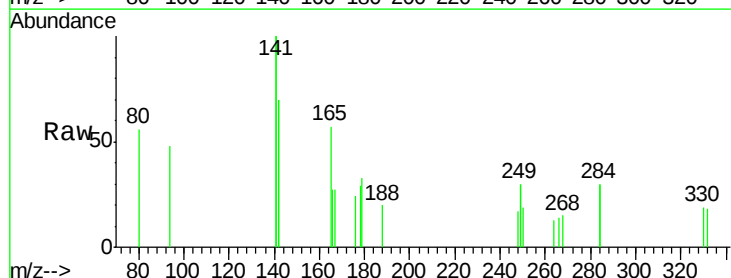
Tgt Ion:284 Resp: 81

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

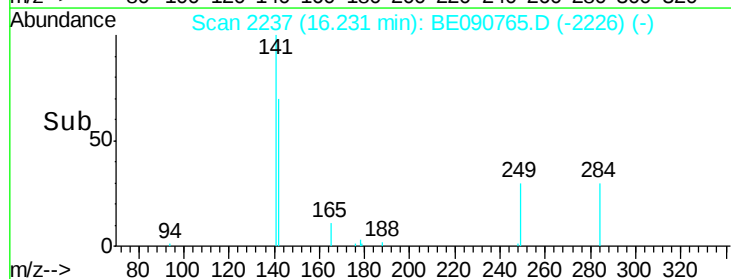
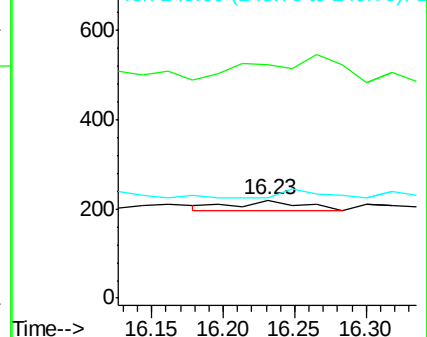
249 58.0 25.5 38.3#

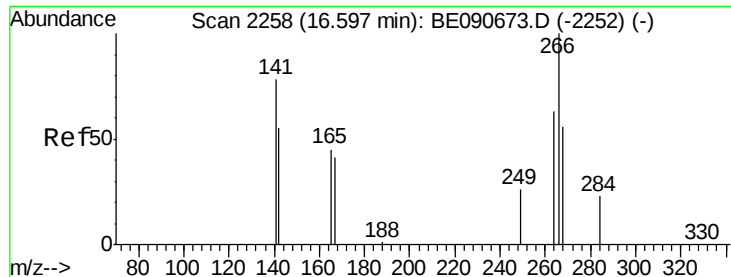


Abundance Ion 283.80 (283.50 to 284.50): E

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# 2259

Delta R.T. 0.02 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

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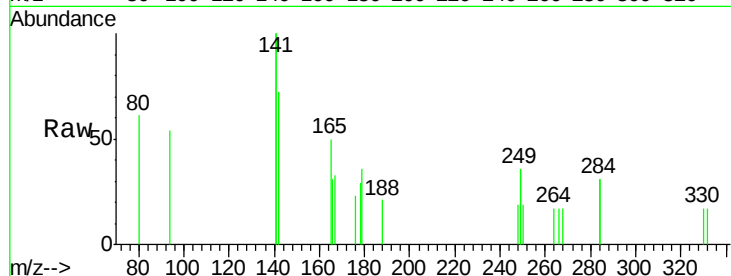
Tot Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

268 103.6 49.6 74.4#

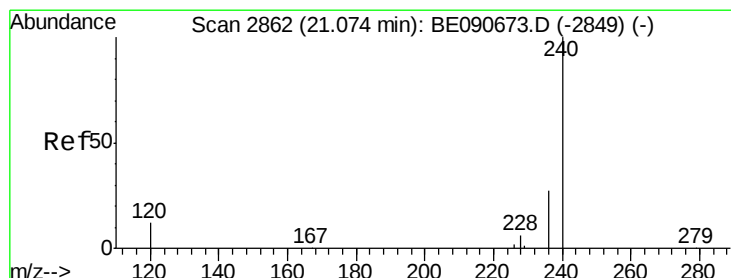
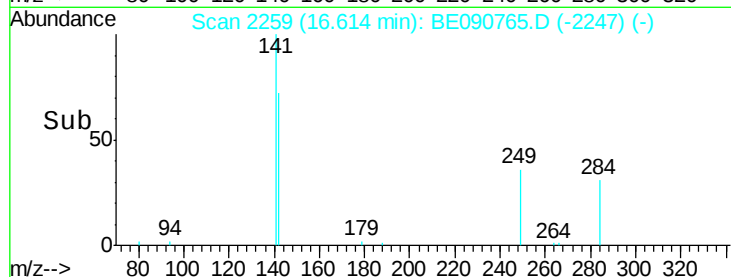
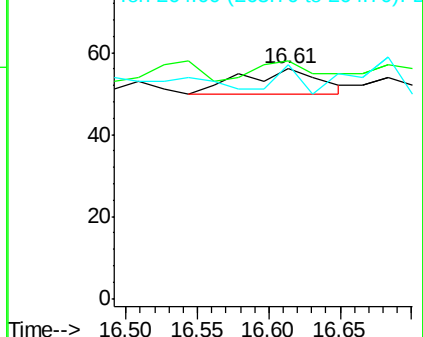
264 101.8 53.9 80.9#



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. -0.01 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

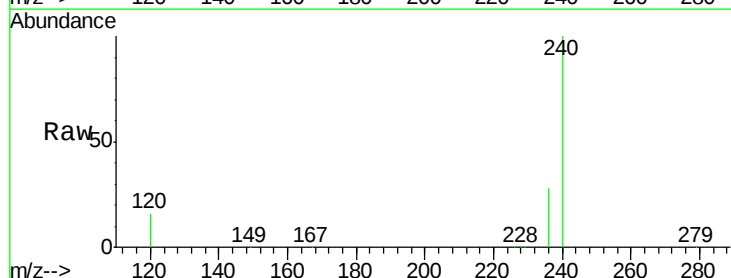
Tgt Ion:240 Resp: 299223

Ion Ratio Lower Upper

240 100

120 15.7 10.1 15.1#

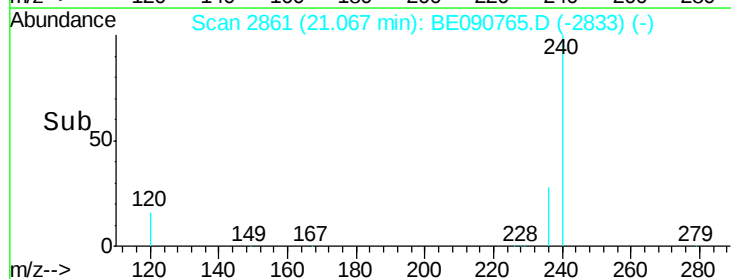
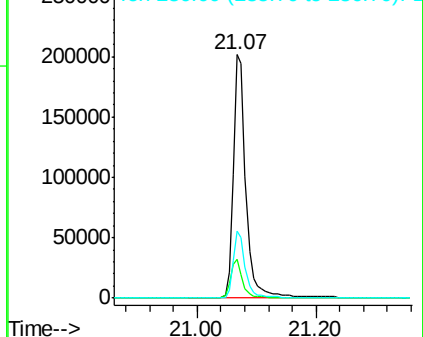
236 27.7 21.9 32.9

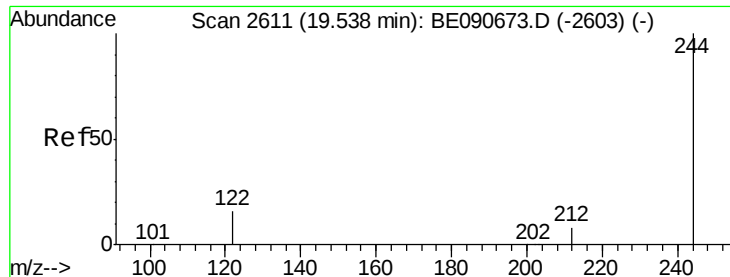


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 6.50 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-M

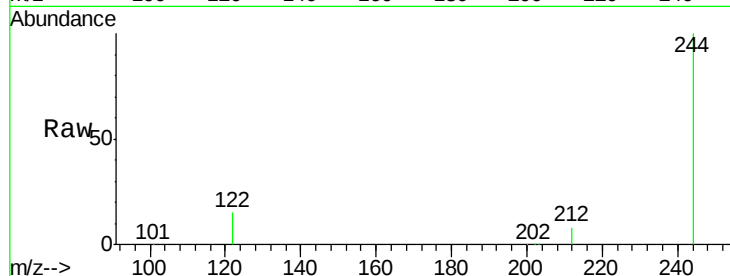
Tot Ion:244 Resp: 215116

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

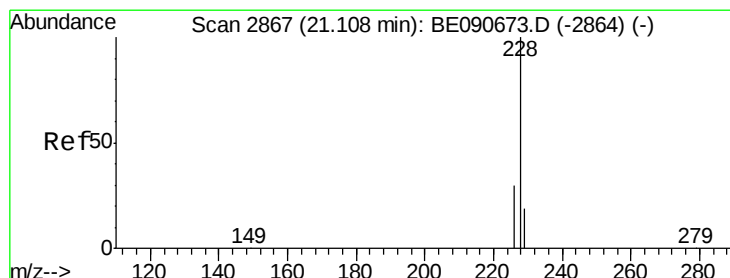
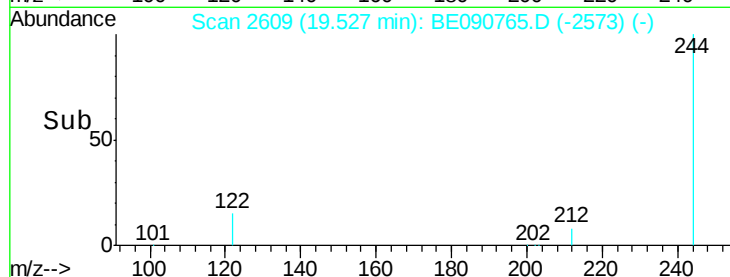
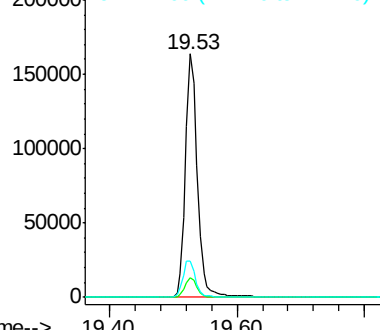
122 15.0 12.9 19.3



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# 2867

Delta R.T. 0.00 min

Lab File: BE090765.D

Acq: 10 Sep 2015 17:31

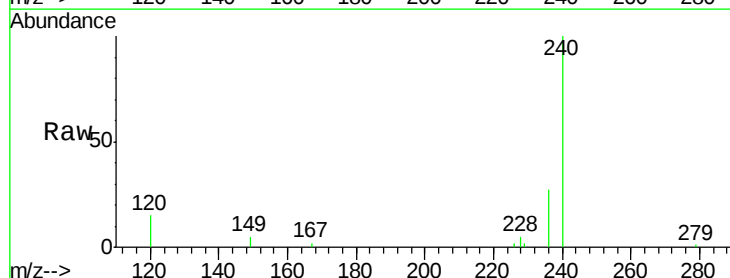
Tgt Ion:228 Resp: 378

Ion Ratio Lower Upper

228 100

226 50.6 24.2 36.4#

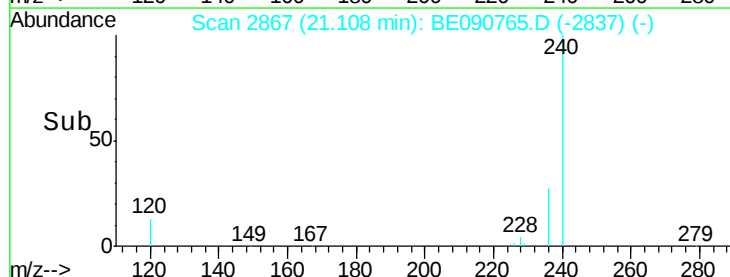
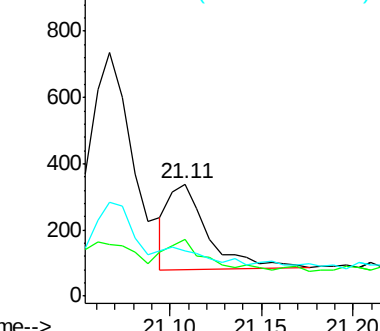
229 40.5 15.3 22.9#

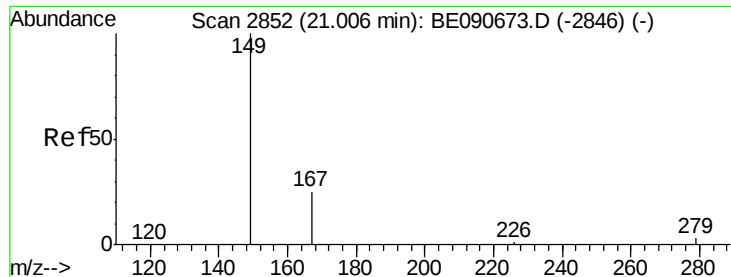


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

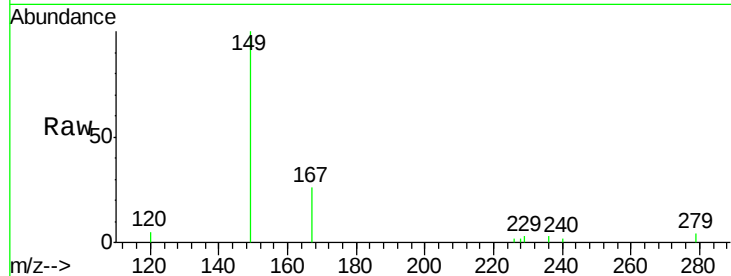




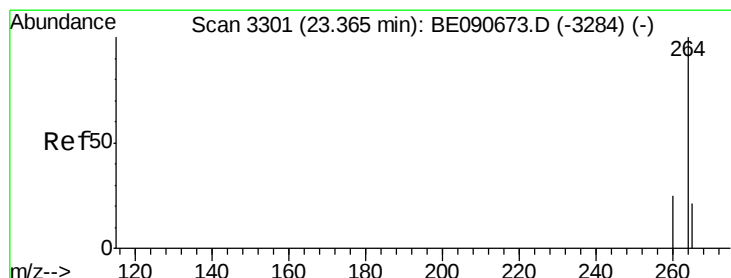
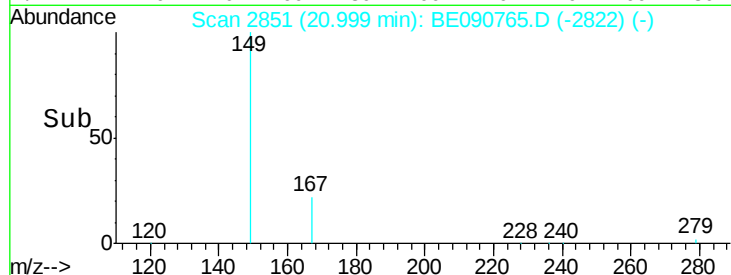
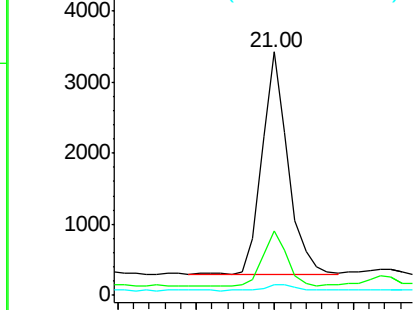
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.27 ng
 RT: 21.00 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BE090765.D
 Acq: 10 Sep 2015 17:31

Instrument :
 BNA_E
 ClientSampleId :
 090515-D534-F-D-M

Tot Ion:149 Resp: 3604
 Ion Ratio Lower Upper
 149 100
 167 22.6 20.1 30.1
 279 3.0 2.3 3.5

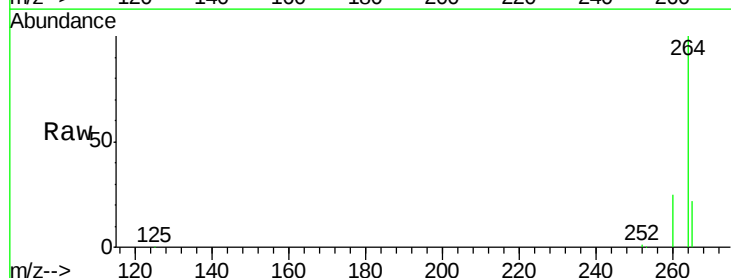


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

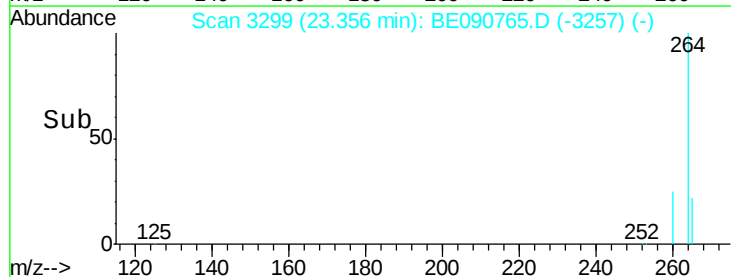
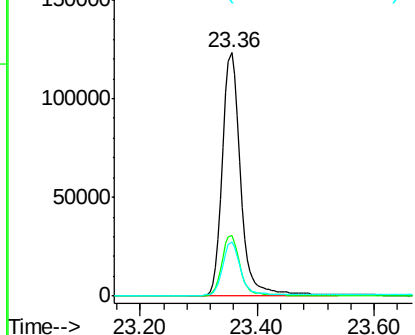


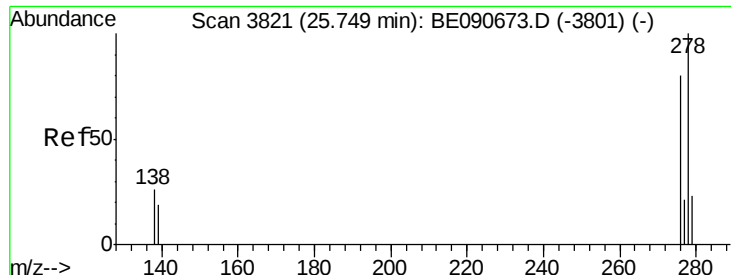
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090765.D
 Acq: 10 Sep 2015 17:31

Tgt Ion:264 Resp: 265423
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090765.D

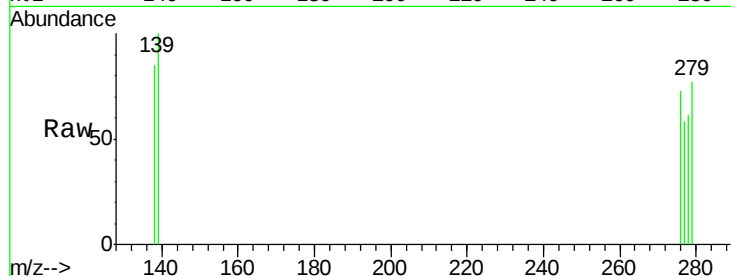
Acq: 10 Sep 2015 17:31

Instrument :

BNA_E

ClientSampleId :

090515-D534-F-D-M



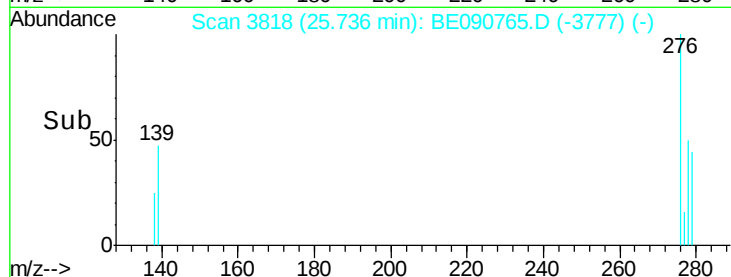
Tot Ion: 278 Resp: 37

Ion Ratio Lower Upper

278 100

139 164.5 15.4 23.0#

279 126.3 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

