

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090767.D
 Acq On : 10 Sep 2015 18:43
 Operator : UM/IZ
 Sample : G3598-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-D-B

Quant Time: Sep 11 02:53:08 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	40333	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	180592	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92432	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	222937	5.00	ng	0.00
25) Chrysene-d12	21.07	240	266186	5.00	ng	0.00
32) Perylene-d12	23.36	264	242372	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	30528	3.89	ng	0.00
5) Phenol-d6	6.75	99	26501	2.36	ng	0.00
7) Nitrobenzene-d5	8.71	82	50830	4.26	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	23600	8.68	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	110157	4.30	ng	0.00
27) Terphenyl-d14	19.53	244	177984	6.04	ng	-0.01

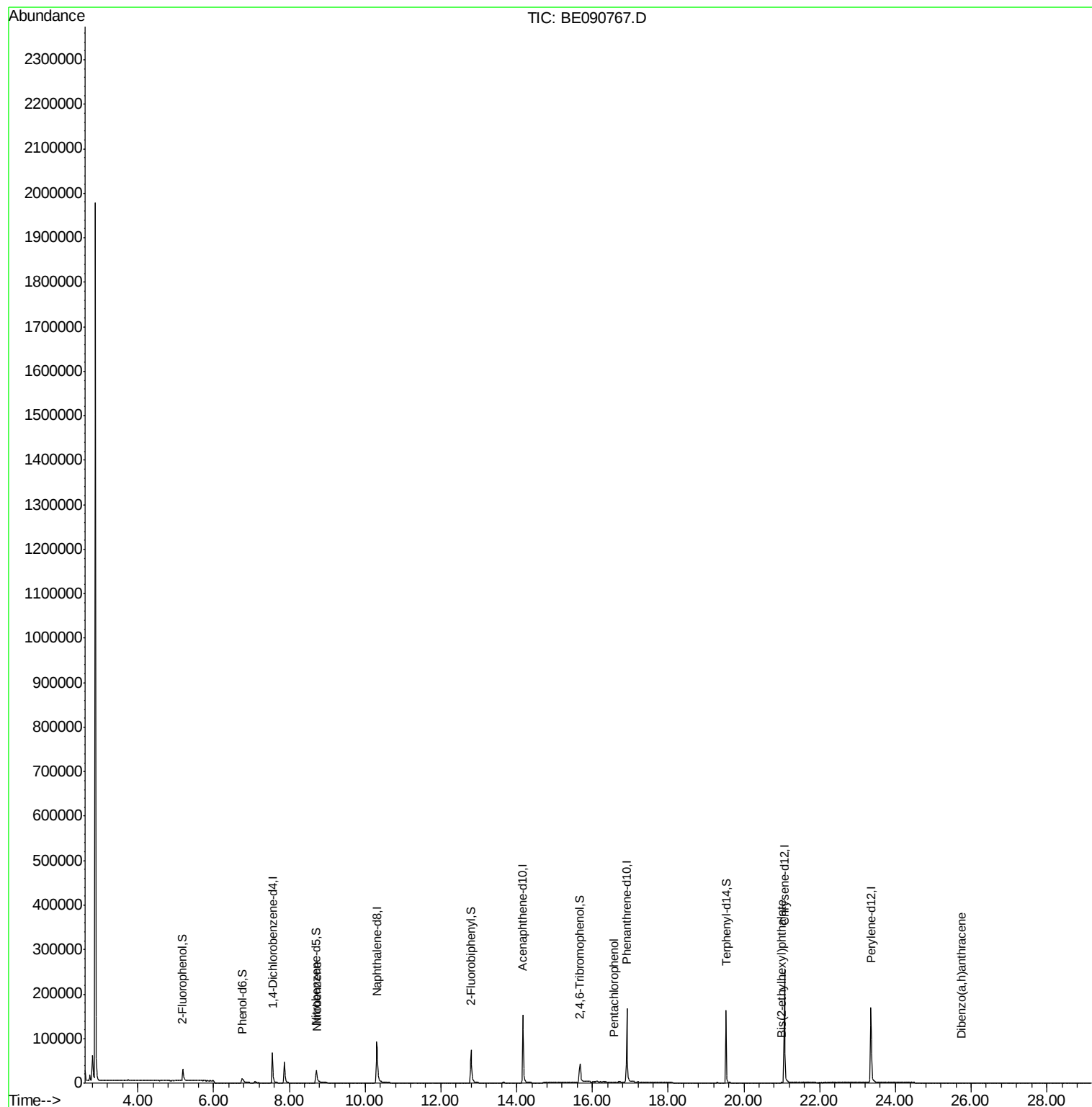
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	69	Below Cal	#	40
3) n-Nitrosodimethylamine	3.44	42	57	Below Cal	#	1
8) Nitrobenzene	8.74	77	20	0.11 ng	#	83
20) Hexachlorobenzene	16.23	284	23	Below Cal	#	1
21) Pentachlorophenol	16.58	266	15	0.46 ng	#	61
29) Chrysene	21.11	228	370	Below Cal	#	62
30) Bis(2-ethylhexyl)phthalate	21.00	149	1390	0.15 ng	#	99
36) Dibenzo(a,h)anthracene	25.74	278	8	0.14 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090767.D
Acq On : 10 Sep 2015 18:43
Operator : UM/IZ
Sample : G3598-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

Quant Time: Sep 11 02:53:08 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



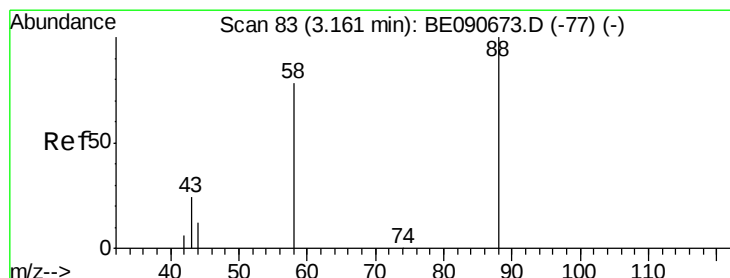
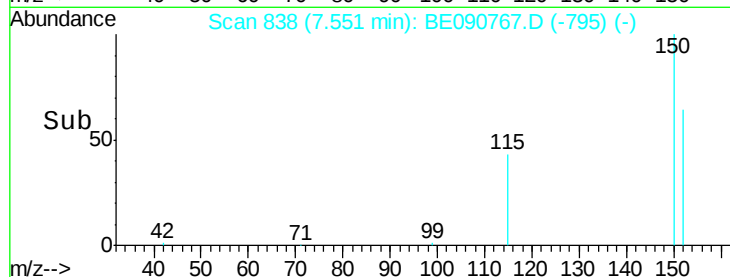
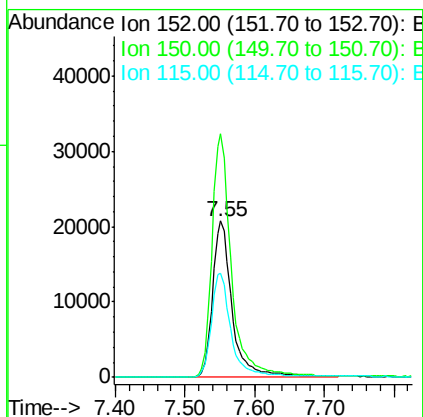
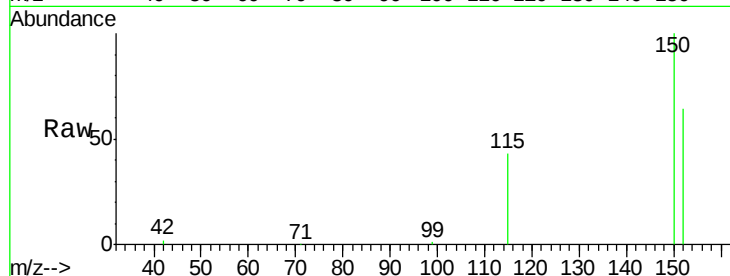


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

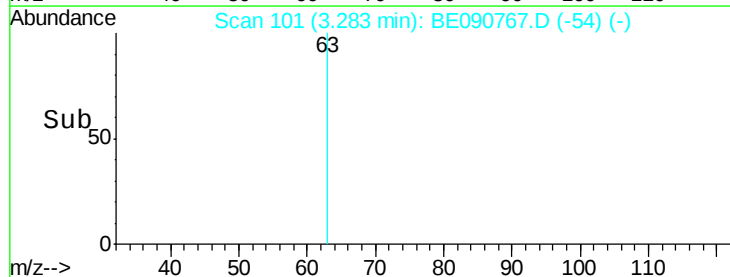
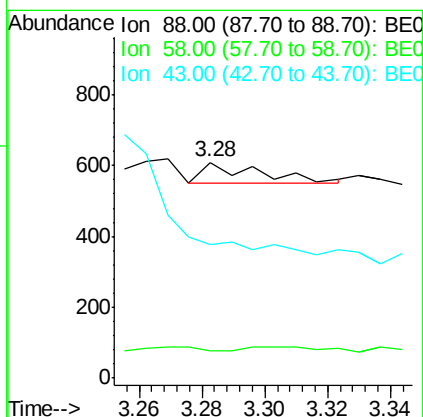
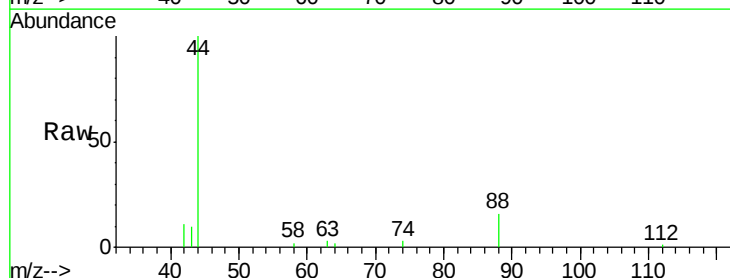
Tot Ion:152 Resp: 40333
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.4
115 66.7 51.0 76.4



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 101
Delta R.T. 0.12 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
58 30.4 68.4 102.6#
43 0.0 26.9 40.3#



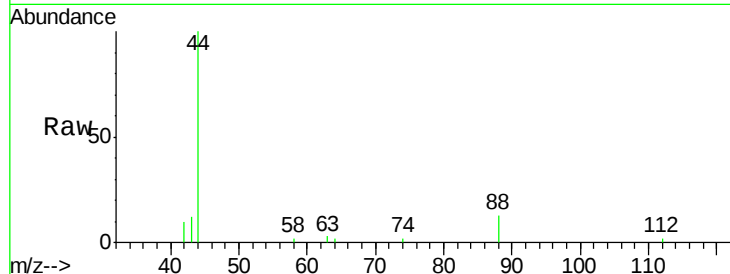


#3

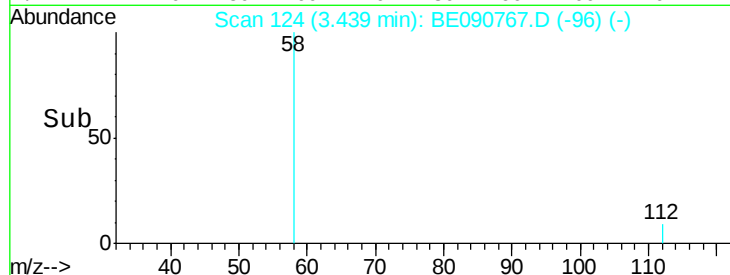
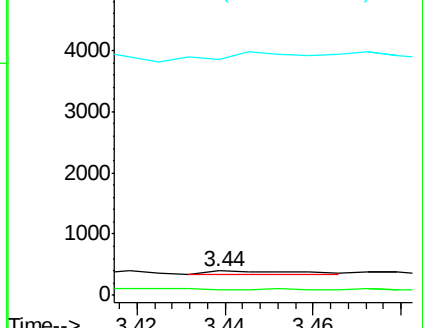
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090767.D
 Acq: 10 Sep 2015 18:43

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-D-B

Tot Ion: 42 Resp: 57
 Ion Ratio Lower Upper
 42 100
 74 15.8 83.7 125.5#
 44 347.4 10.0 15.0#



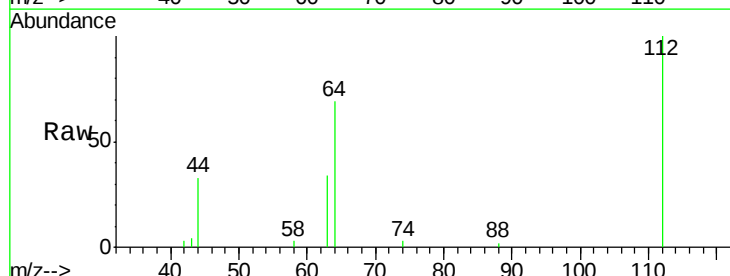
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



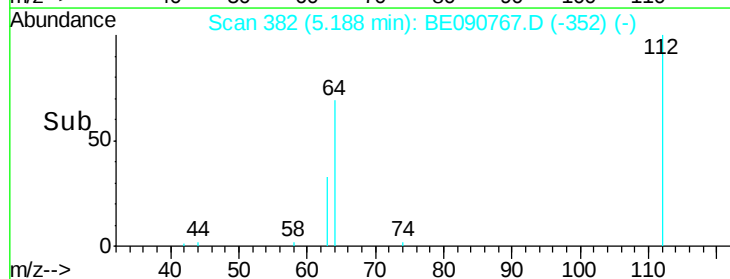
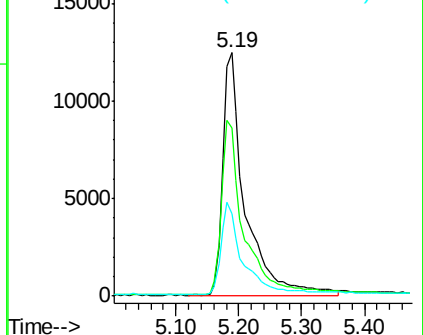
#4

2-Fluorophenol
 Concen: 3.89 ng
 RT: 5.19 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: BE090767.D
 Acq: 10 Sep 2015 18:43

Tgt Ion: 112 Resp: 30528
 Ion Ratio Lower Upper
 112 100
 64 71.9 57.3 85.9
 63 37.3 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: 2.36 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-B

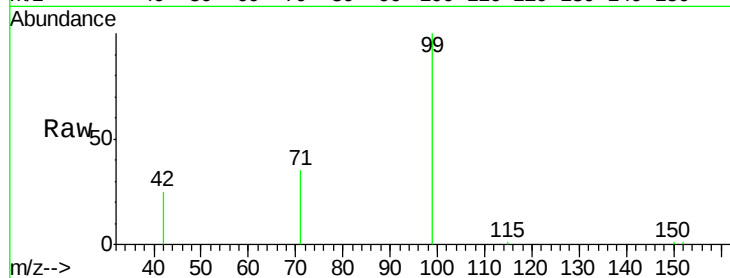
Tot Ion: 99 Resp: 26501

Ion Ratio Lower Upper

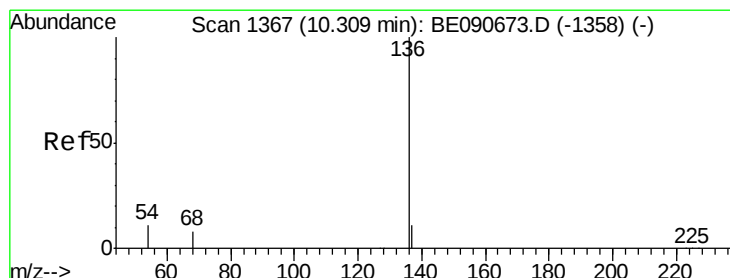
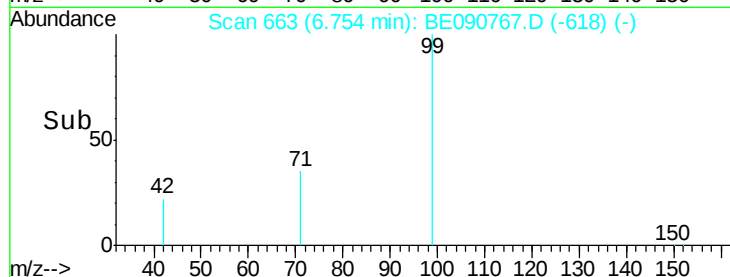
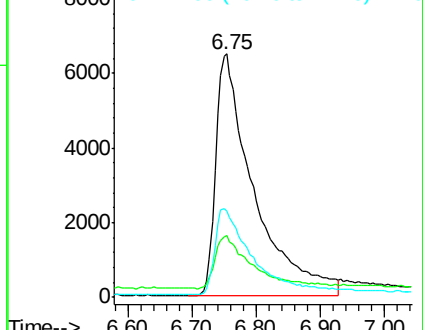
99 100

42 21.4 16.8 25.2

71 35.8 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: BE090767.D

Acq: 10 Sep 2015 18:43

Tgt Ion: 136 Resp: 180592

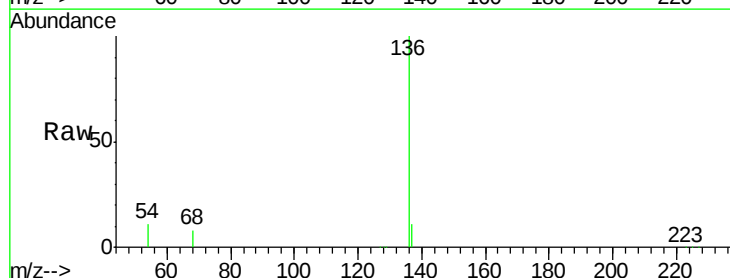
Ion Ratio Lower Upper

136 100

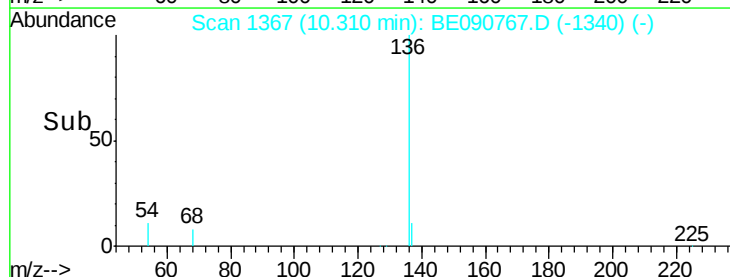
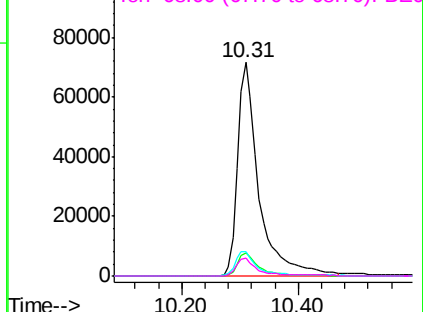
137 10.8 8.7 13.1

54 11.5 9.0 13.6

68 8.2 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: 4.26 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-B

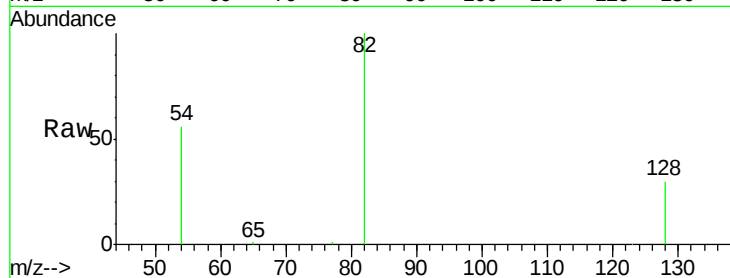
Tot Ion: 82 Resp: 50830

Ion Ratio Lower Upper

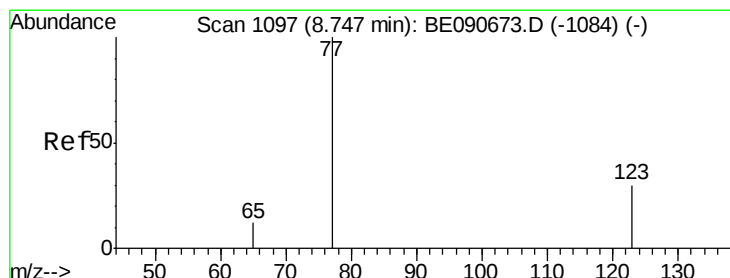
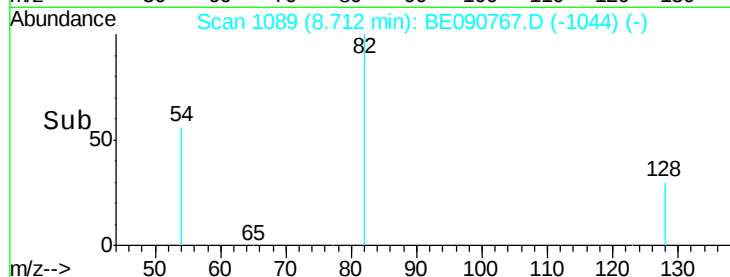
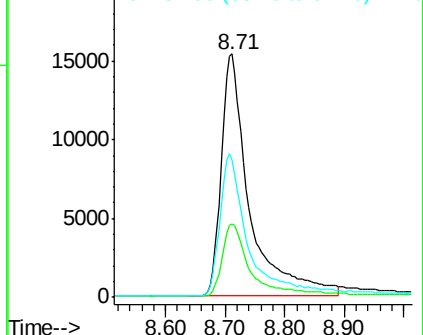
82 100

128 30.0 25.0 37.4

54 56.2 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: 8.74 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

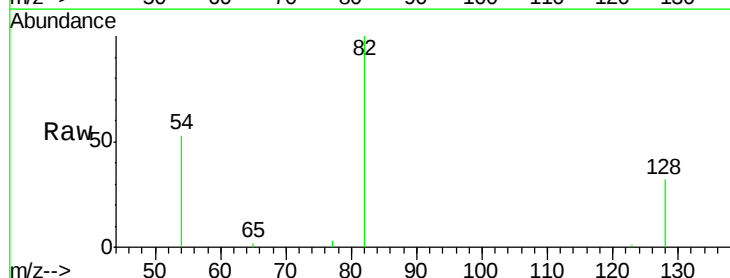
Tgt Ion: 77 Resp: 20

Ion Ratio Lower Upper

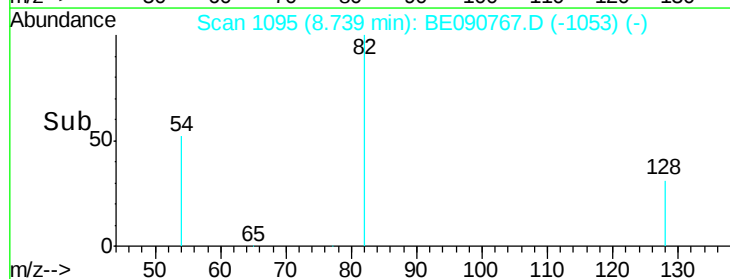
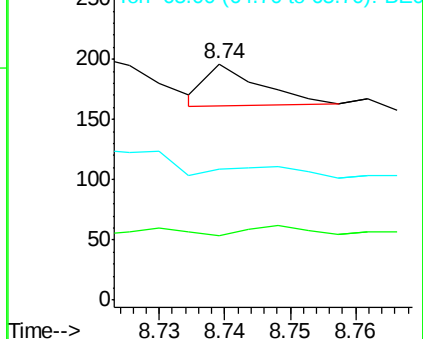
77 100

123 25.0 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: BE090767.D

Acq: 10 Sep 2015 18:43

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-B

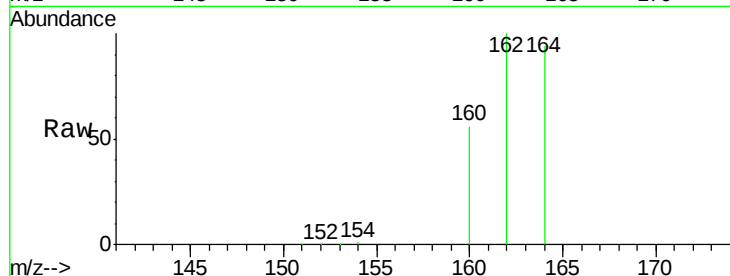
Tot Ion:164 Resp: 92432

Ion Ratio Lower Upper

164 100

162 106.3 86.8 130.2

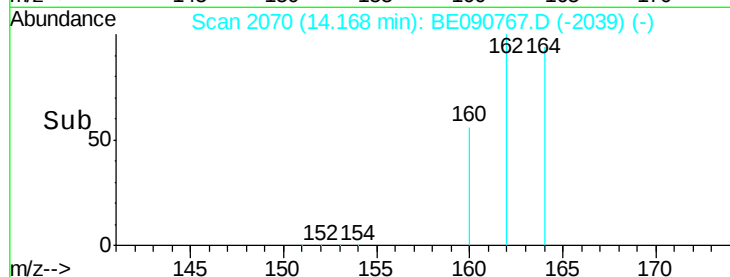
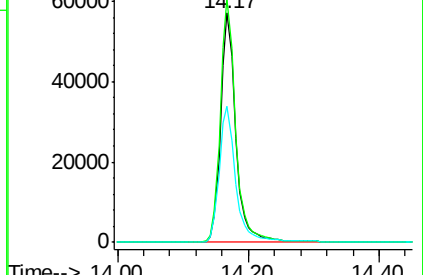
160 59.7 53.9 80.9



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: 8.68 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

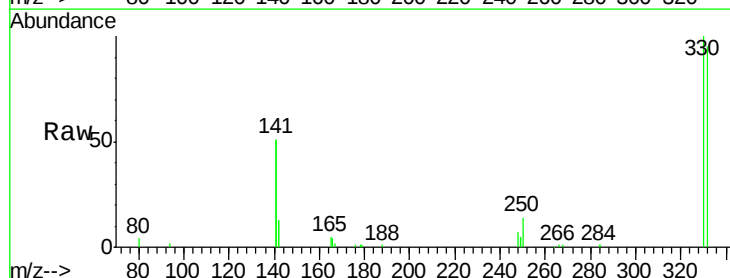
Tgt Ion:330 Resp: 23600

Ion Ratio Lower Upper

330 100

332 97.3 74.9 112.3

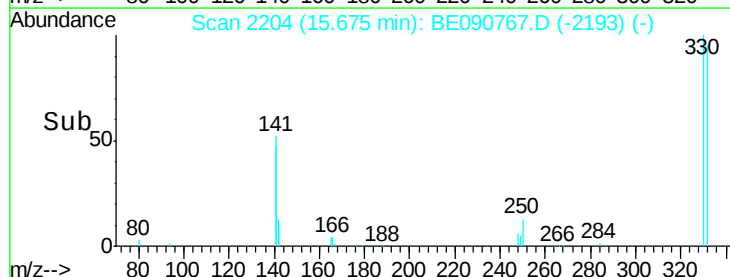
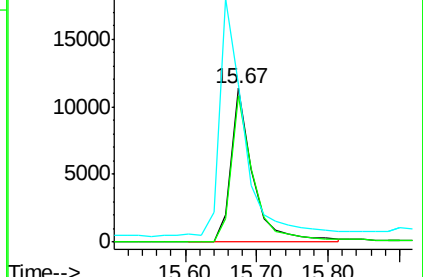
141 176.7 145.2 217.8



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

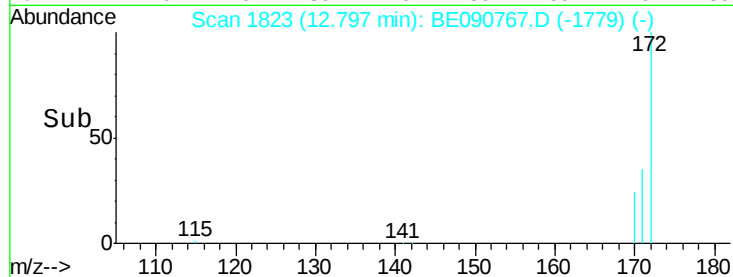
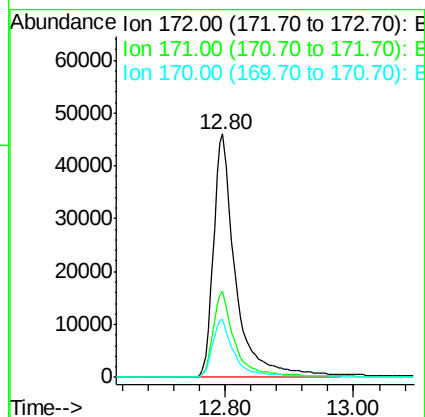
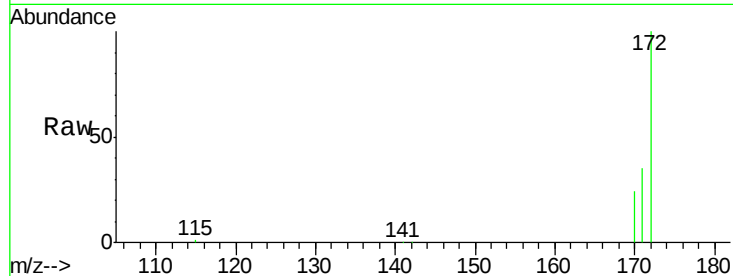




#14
2-Fluorobiphenyl
Concen: 4.30 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

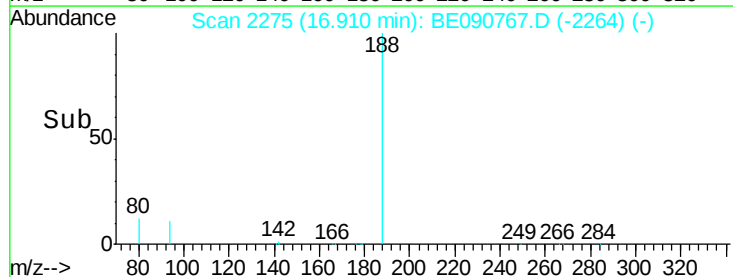
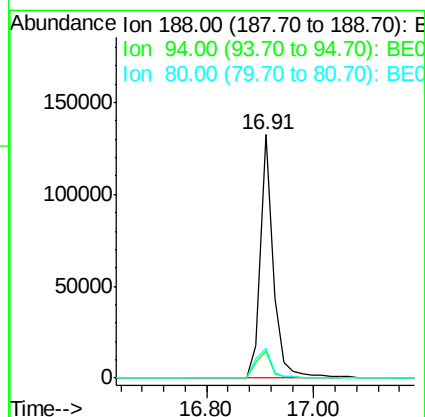
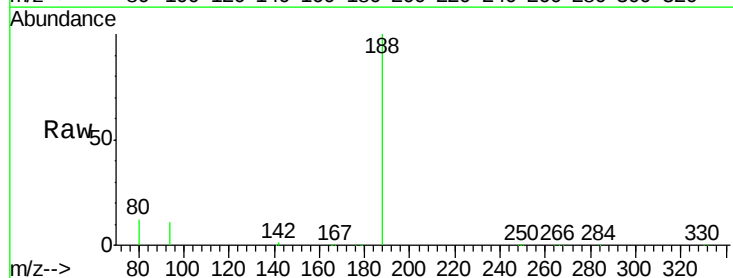
Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-B

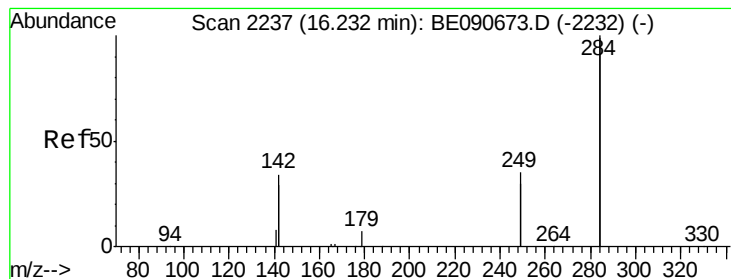
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.6	19.8	29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090767.D
Acq: 10 Sep 2015 18:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	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: BE090767.D

Acq: 10 Sep 2015 18:43

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-B

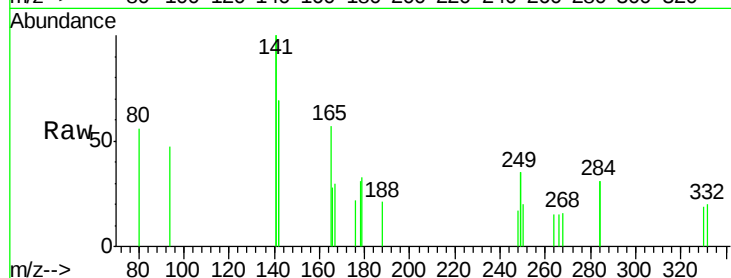
Tot Ion:284 Resp: 23

Ion Ratio Lower Upper

284 100

142 1152.2 35.0 52.4#

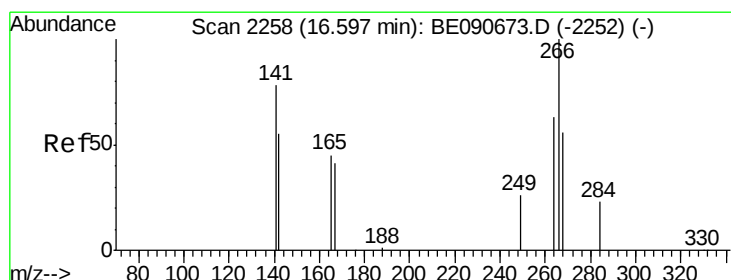
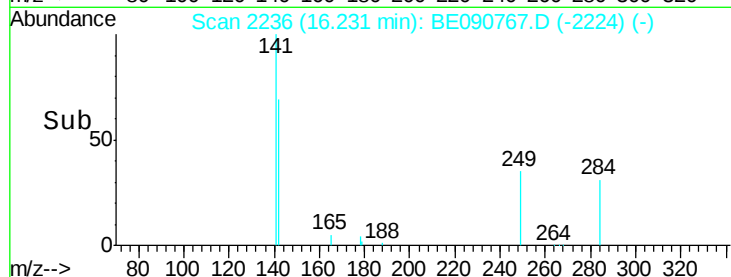
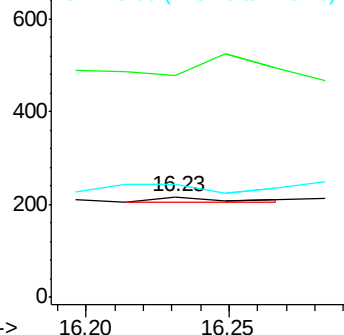
249 300.0 25.5 38.3#



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: 0.46 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

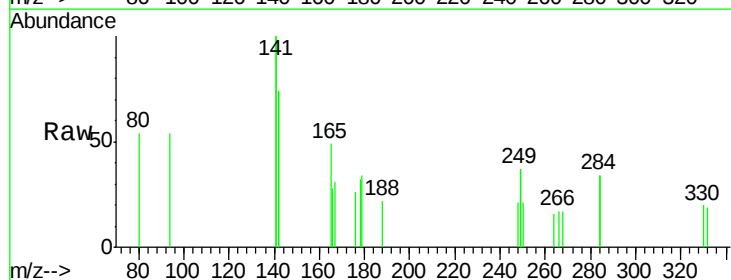
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

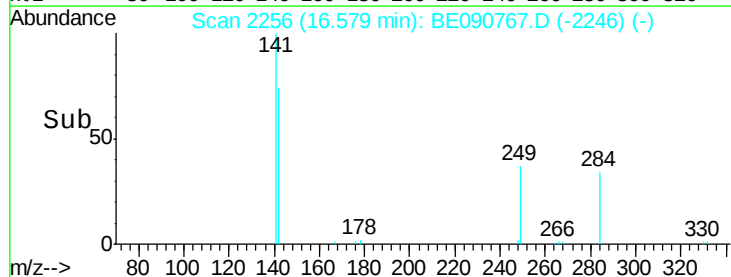
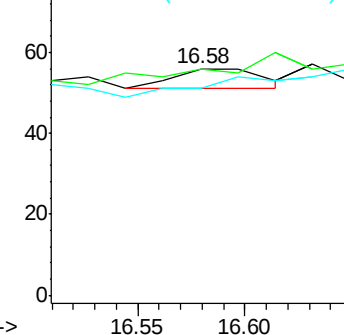
264 91.1 53.9 80.9#

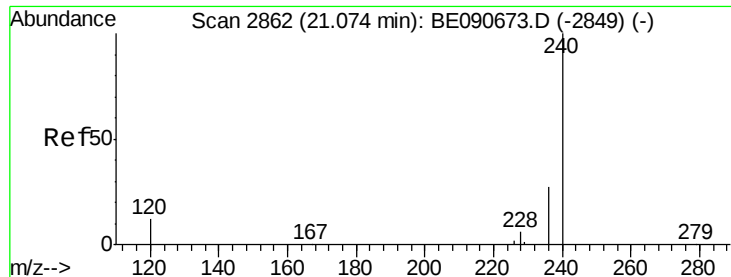


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2860

Delta R.T. -0.00 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-B

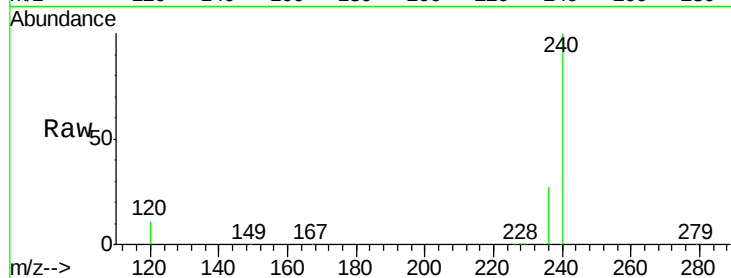
Tot Ion:240 Resp: 266186

Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

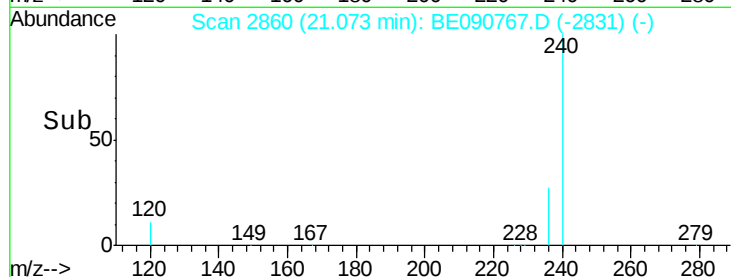
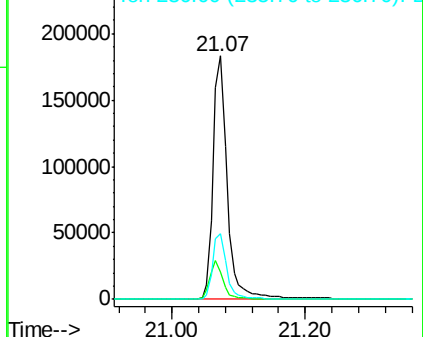
236 26.8 21.9 32.9



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: 6.04 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

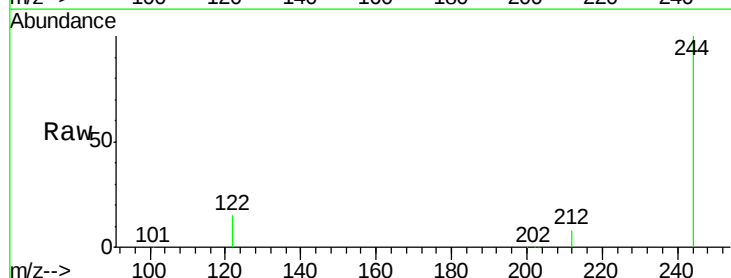
Tgt Ion:244 Resp: 177984

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

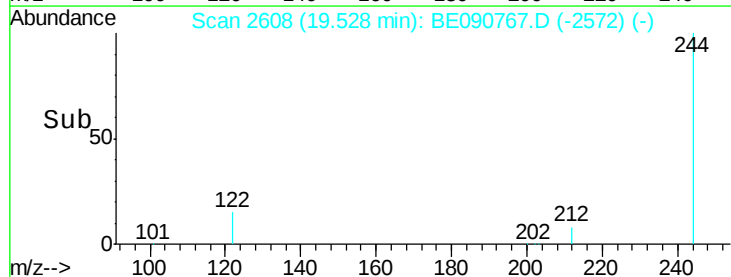
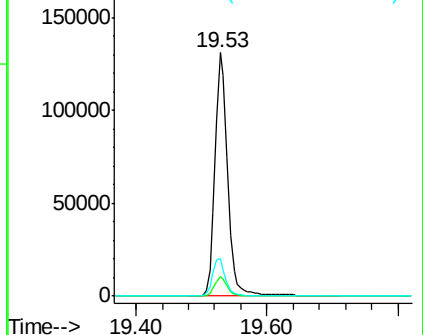
122 15.4 12.9 19.3



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# 2865

Delta R.T. -0.00 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-D-B

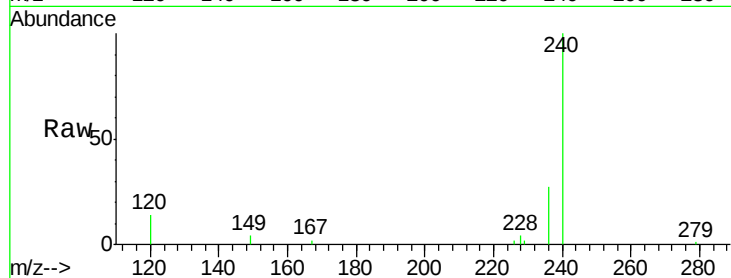
Tot Ion:228 Resp: 370

Ion Ratio Lower Upper

228 100

226 45.2 24.2 36.4#

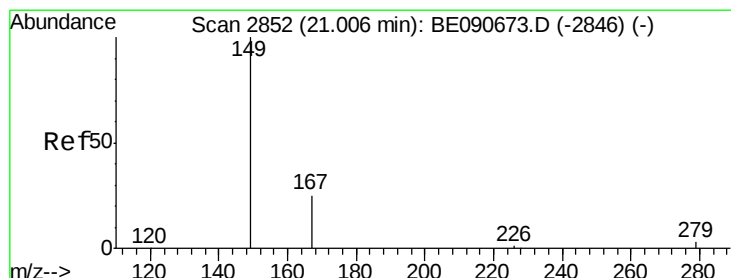
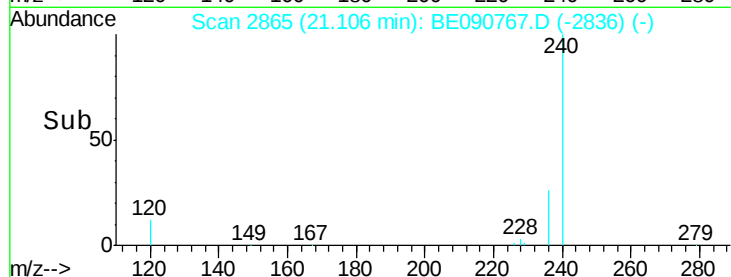
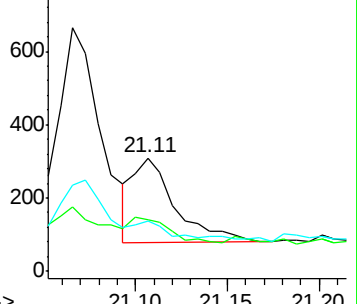
229 44.2 15.3 22.9#



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: 0.15 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090767.D

Acq: 10 Sep 2015 18:43

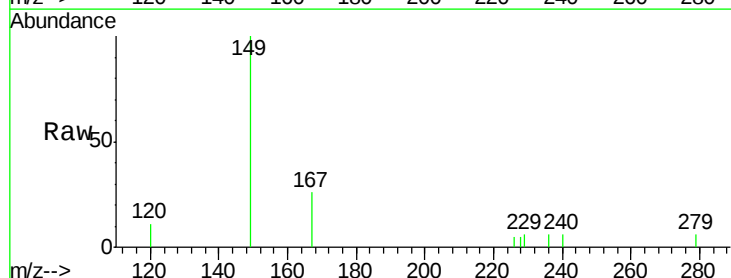
Tgt Ion:149 Resp: 1390

Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

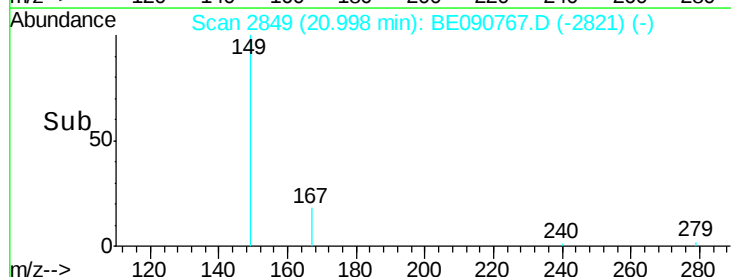
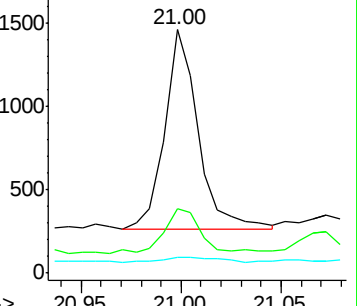
279 3.8 2.3 3.5#



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

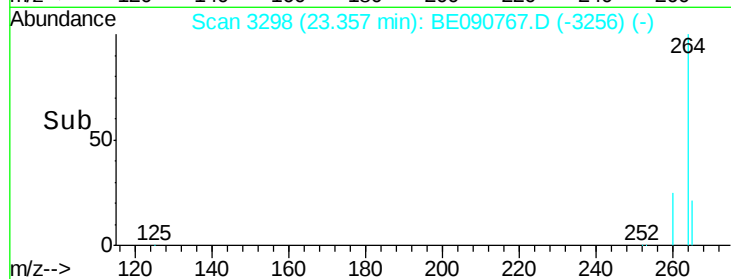
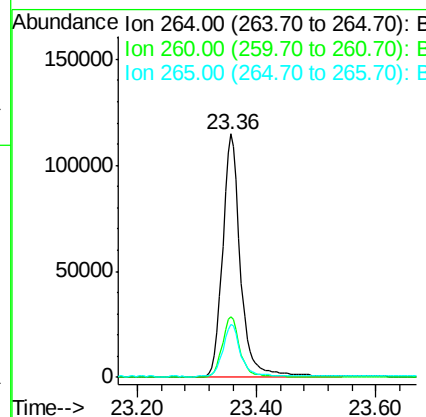




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090767.D
 Acq: 10 Sep 2015 18:43

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-D-B

Tot Ion:264 Resp: 242372
 Ion Ratio Lower Upper
 264 100
 260 24.9 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# 3817
 Delta R.T. -0.01 min
 Lab File: BE090767.D
 Acq: 10 Sep 2015 18:43

Tgt Ion:278 Resp: 8
 Ion Ratio Lower Upper
 278 100
 139 153.4 15.4 23.0#
 279 139.7 18.8 28.2#

