

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090657.D
 Acq On : 28 Aug 2015 15:53
 Operator : UM/IZ
 Sample : G3460-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:51:47 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

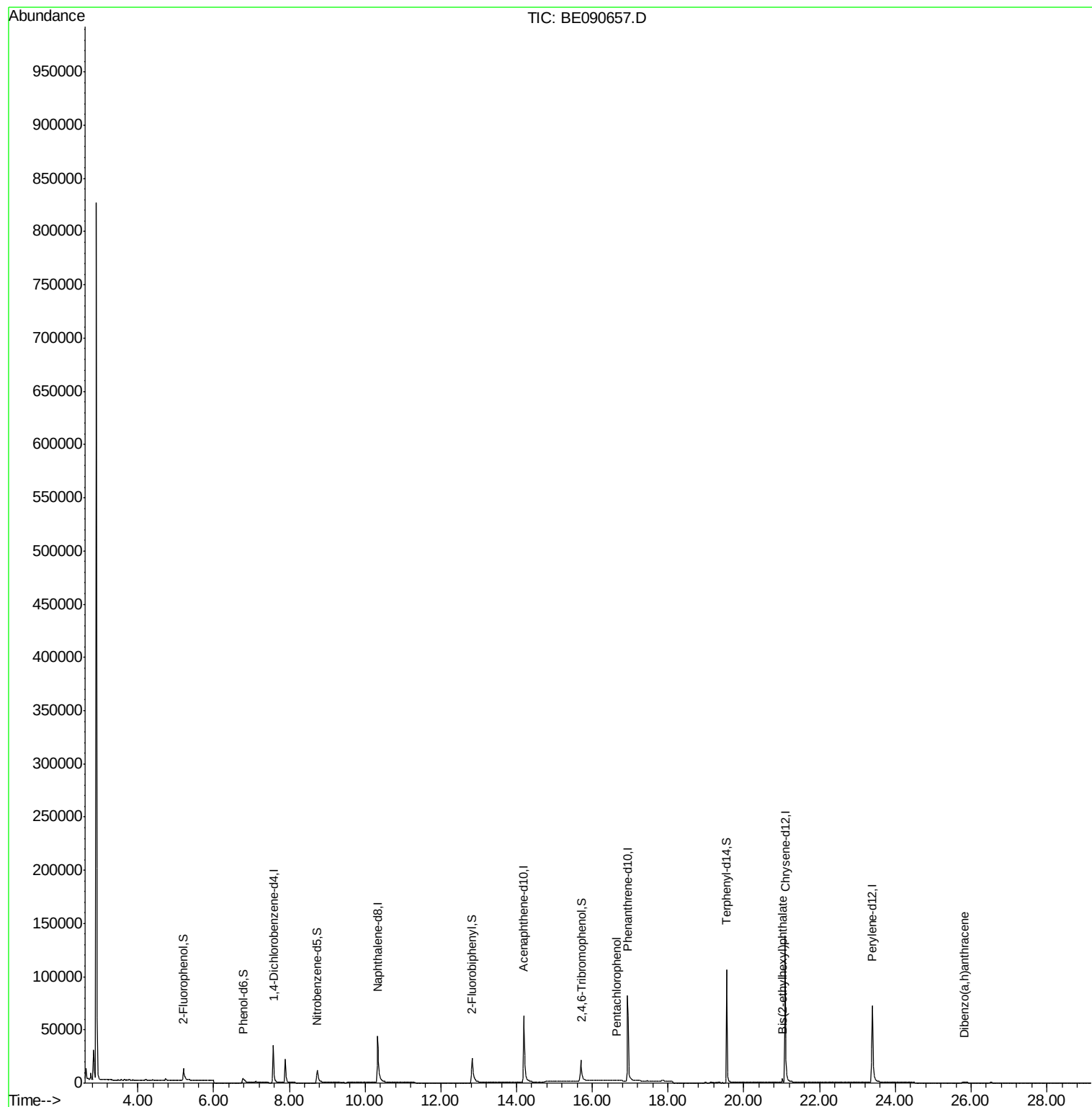
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	21236	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	91912	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	53490	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	143914	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	157149	5.00	ng	0.00
32) Perylene-d12	23.39	264	127629	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	12999	2.12	ng	0.00
5) Phenol-d6	6.77	99	10797	1.20	ng	0.00
7) Nitrobenzene-d5	8.74	82	21550	2.94	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12442	6.04	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	47550	2.98	ng	0.01
27) Terphenyl-d14	19.55	244	117713	4.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	42	Below Cal	#	21
21) Pentachlorophenol	16.63	266	20	0.31 ng	#	70
30) Bis(2-ethylhexyl)phthalate	21.02	149	3098	0.26 ng		97
36) Dibenzo(a,h)anthracene	25.83	278	550	0.02 ng	#	39

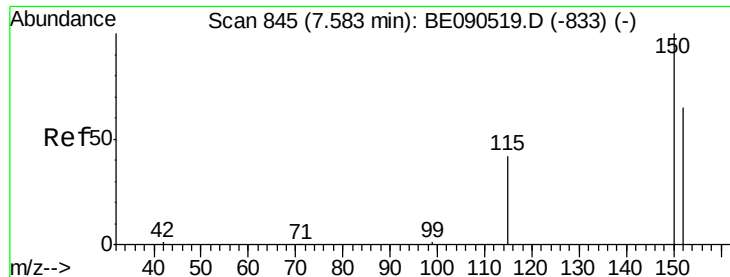
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
Data File : BE090657.D
Acq On : 28 Aug 2015 15:53
Operator : UM/IZ
Sample : G3460-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 31 04:51:47 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



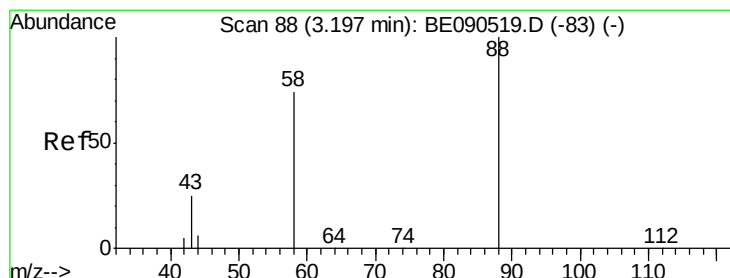
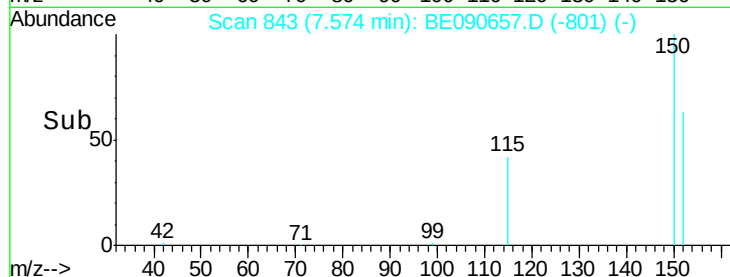
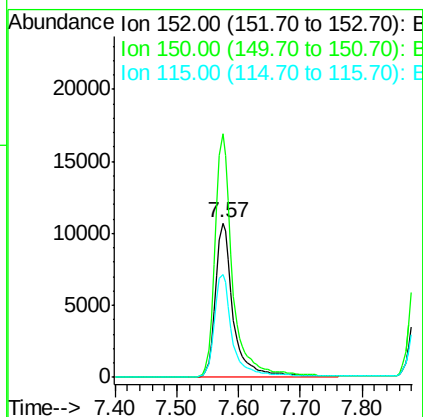
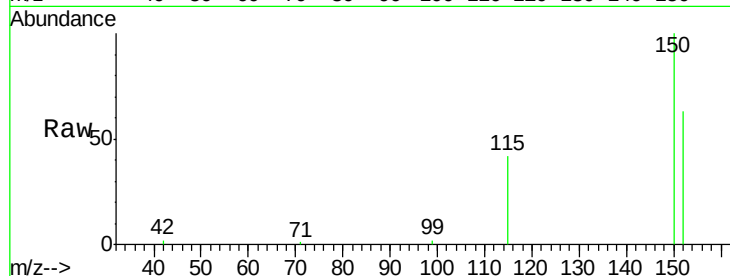


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

Instrument :
BNA_E
ClientSampled :

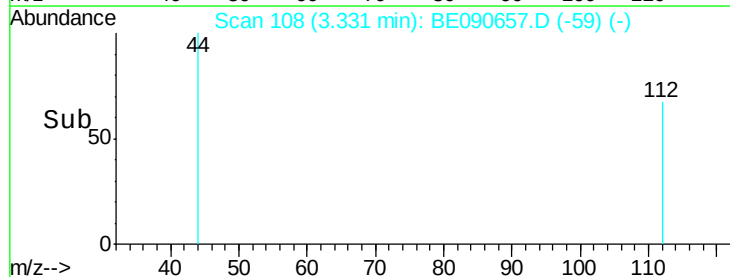
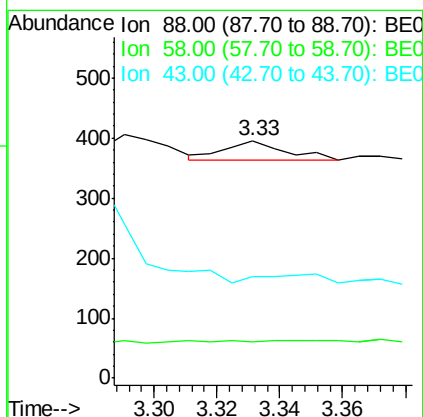
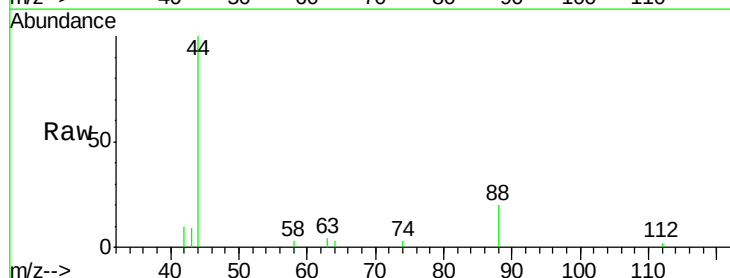
Tot Ion:152 Resp: 21236
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.4
115 66.8 48.9 73.3

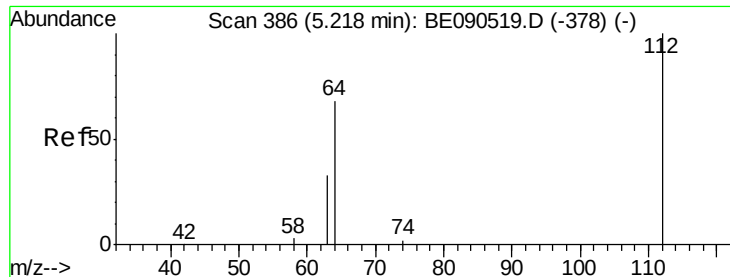


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.33 min Scan# 108
Delta R.T. 0.14 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
58 7.1 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.12 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090657.D

Acq: 28 Aug 2015 15:53

Instrument :

BNA_E

ClientSampleId :

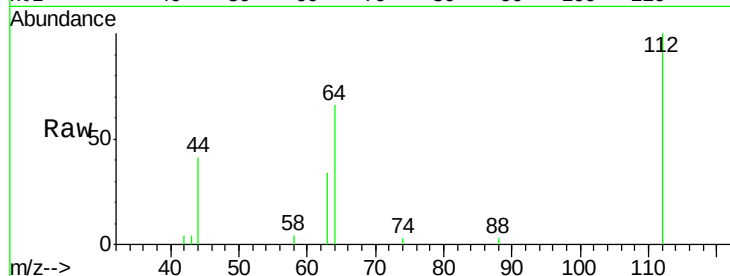
Tot Ion:112 Resp: 12999

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

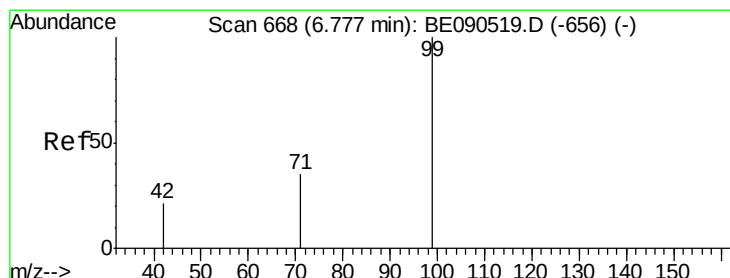
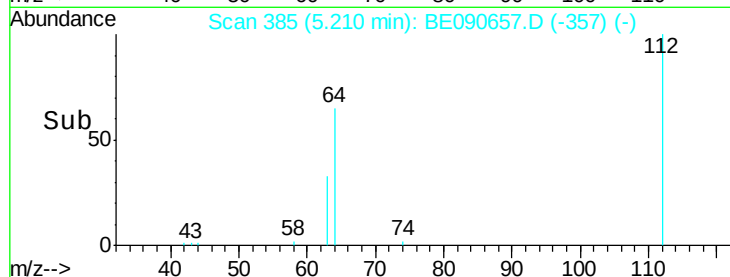
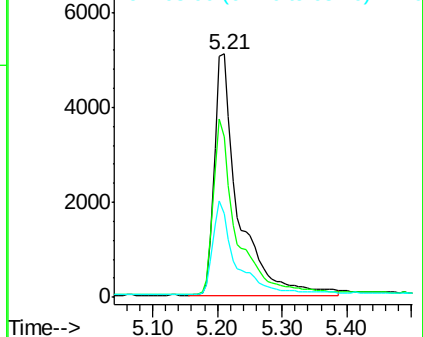
63 37.3 19.5 29.3#



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: 1.20 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090657.D

Acq: 28 Aug 2015 15:53

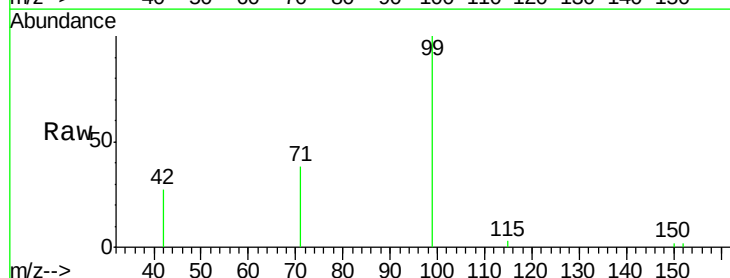
Tgt Ion: 99 Resp: 10797

Ion Ratio Lower Upper

99 100

42 21.4 18.2 27.4

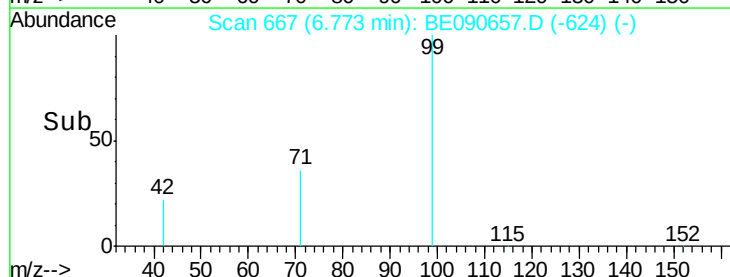
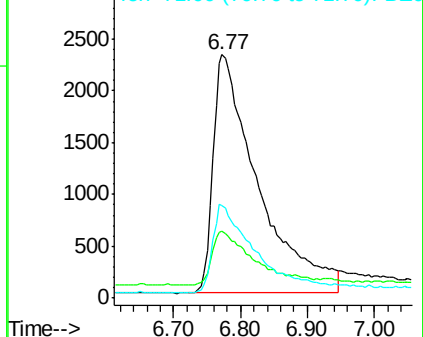
71 36.0 27.4 41.0

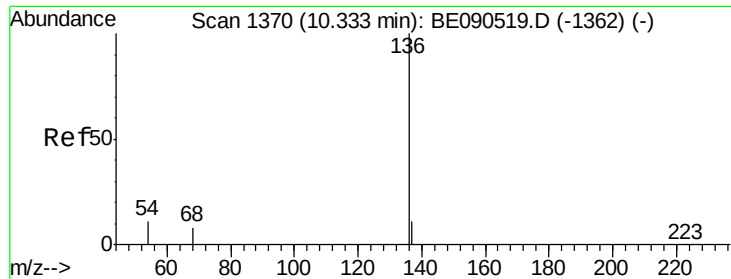


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090657.D

Acq: 28 Aug 2015 15:53

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 91912

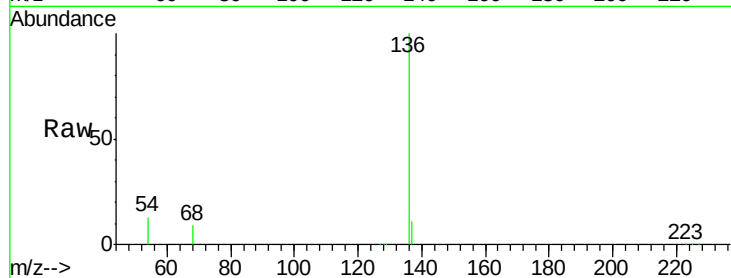
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.5 9.4 14.0

68 8.9 6.5 9.7

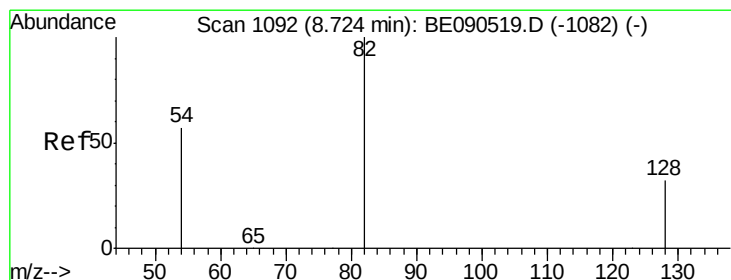
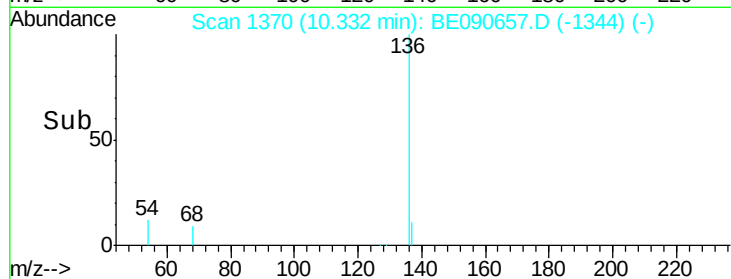
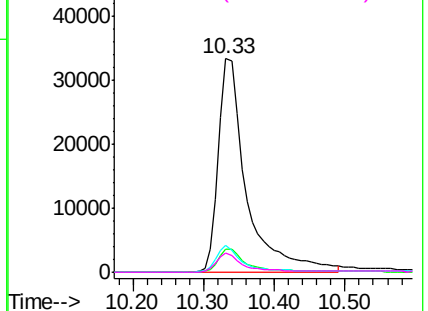


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.94 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090657.D

Acq: 28 Aug 2015 15:53

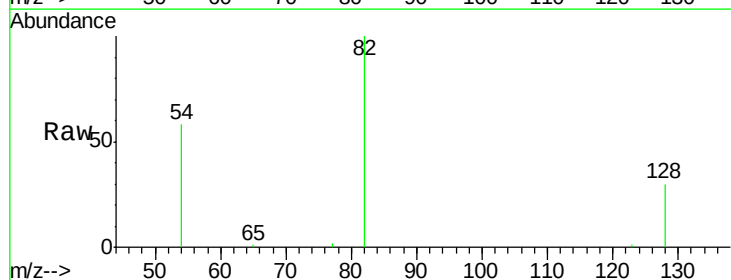
Tgt Ion: 82 Resp: 21550

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

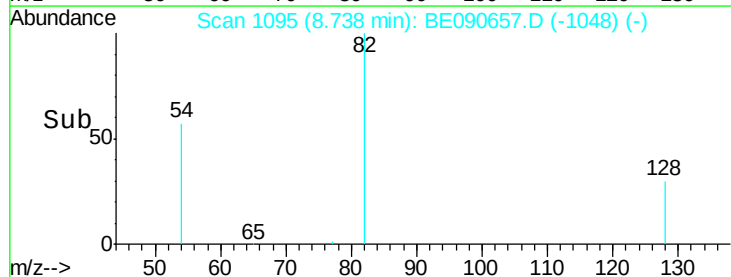
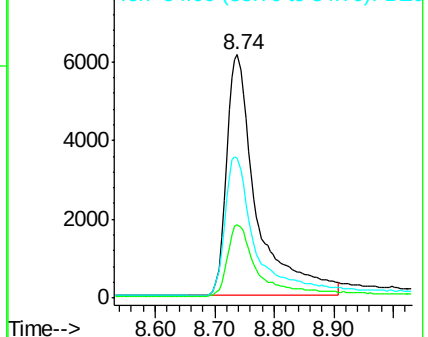
54 57.6 48.8 73.2

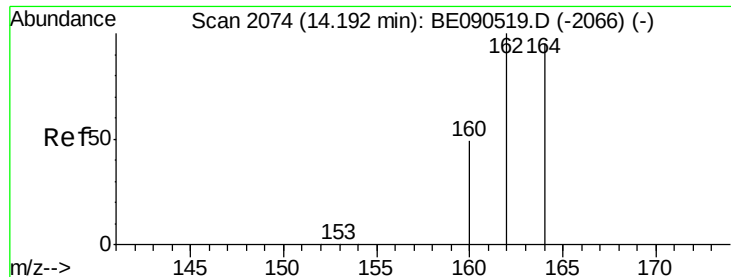


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090657.D

Acq: 28 Aug 2015 15:53

Instrument :

BNA_E

ClientSampleId :

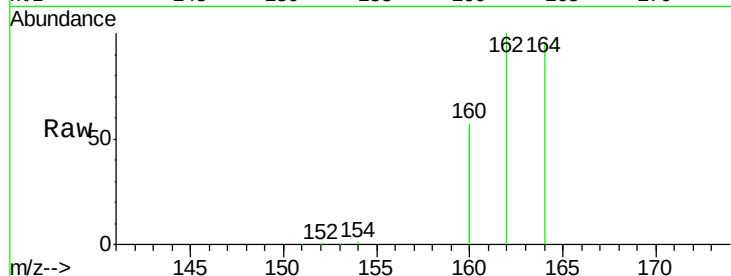
Tot Ion:164 Resp: 53490

Ion Ratio Lower Upper

164 100

162 105.8 81.8 122.8

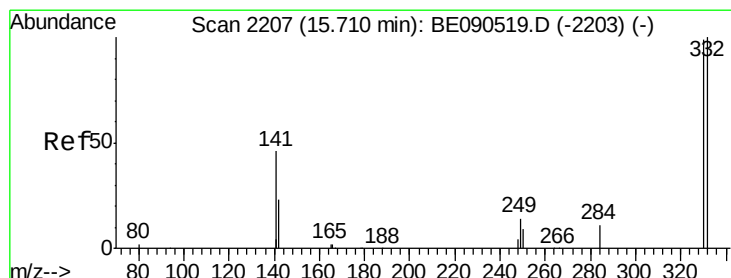
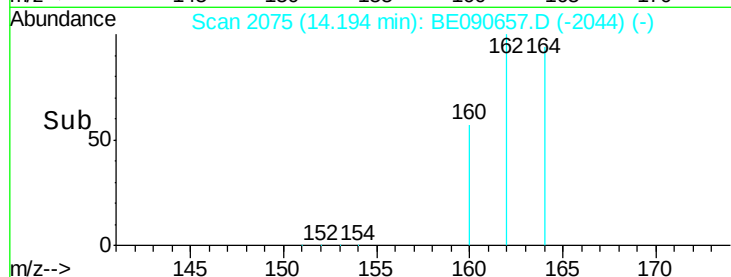
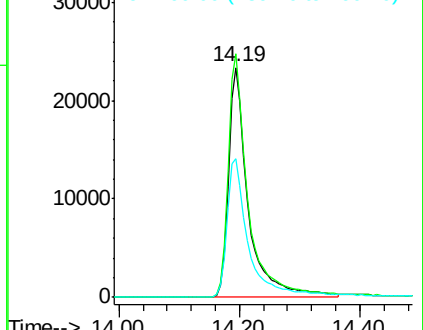
160 60.5 44.2 66.4



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: 6.04 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090657.D

Acq: 28 Aug 2015 15:53

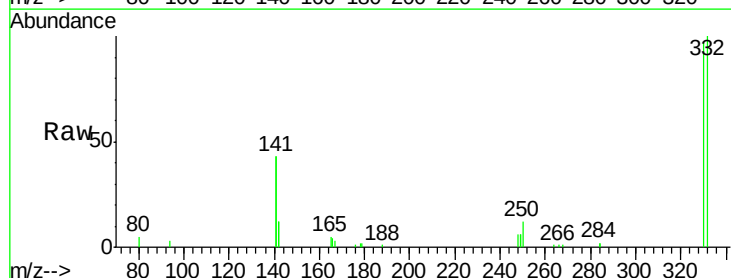
Tgt Ion:330 Resp: 12442

Ion Ratio Lower Upper

330 100

332 98.0 75.8 113.6

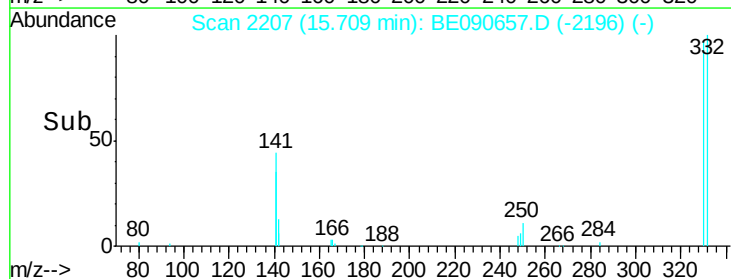
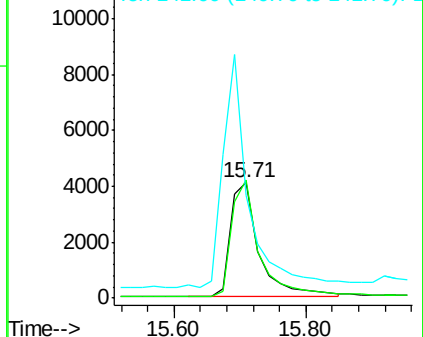
141 178.6 114.4 171.6#

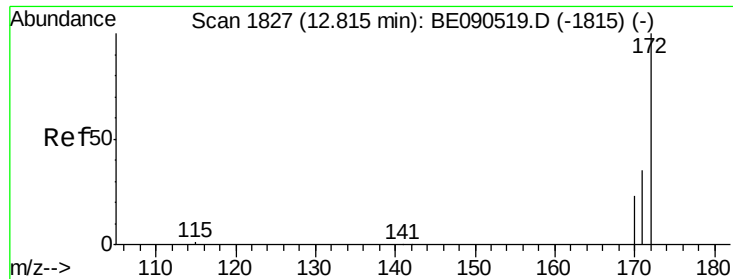


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

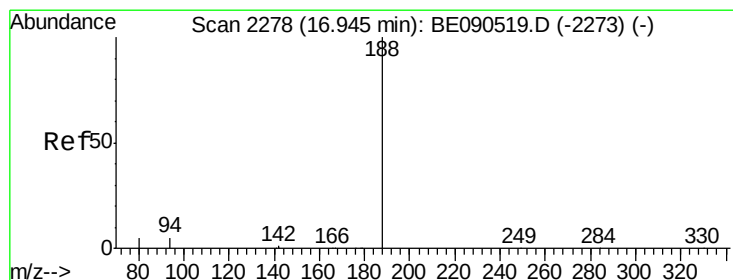
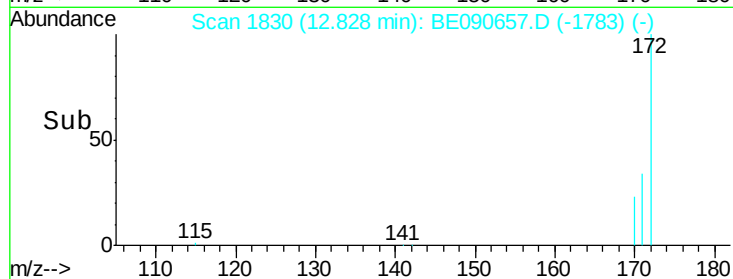
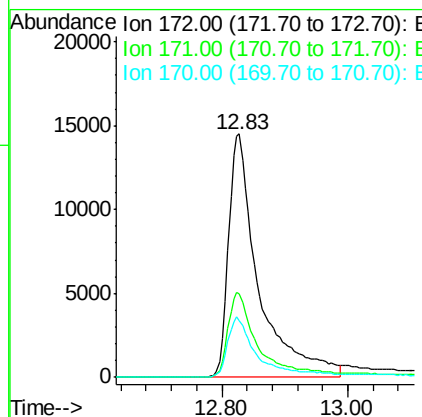
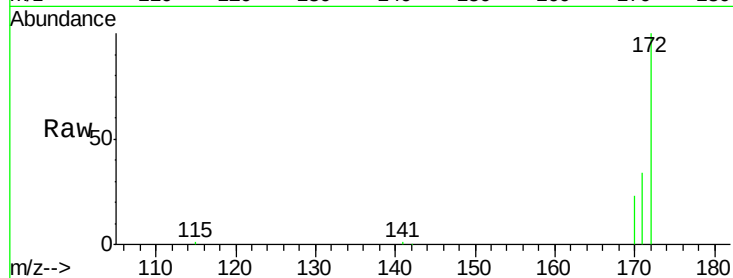




#14
2-Fluorobiphenyl
Concen: 2.98 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

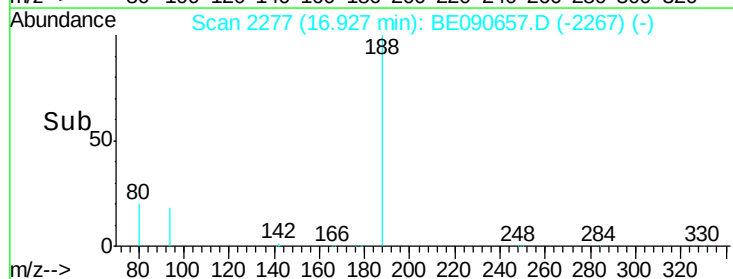
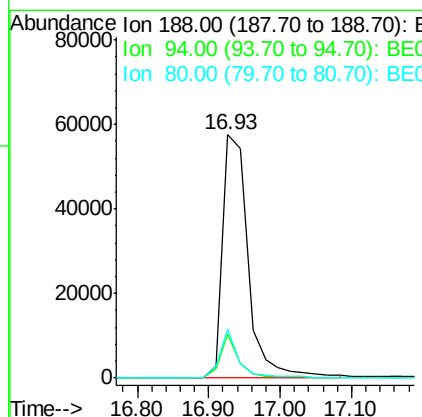
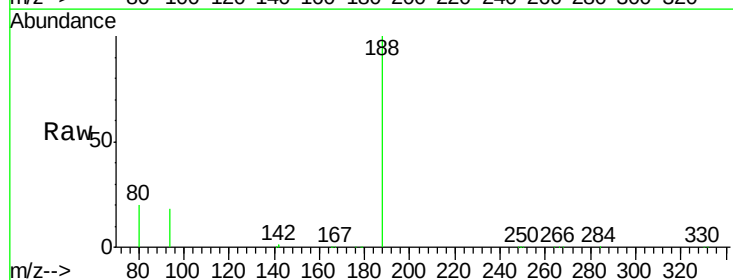
Instrument :
BNA_E
ClientSampleId :

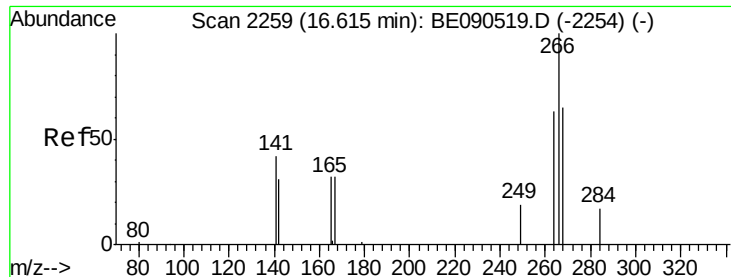
Tot Ion:172 Resp: 47550
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 23.3 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

Tgt Ion:188 Resp: 143914
Ion Ratio Lower Upper
188 100
94 17.9 5.7 8.5#
80 20.2 5.8 8.8#

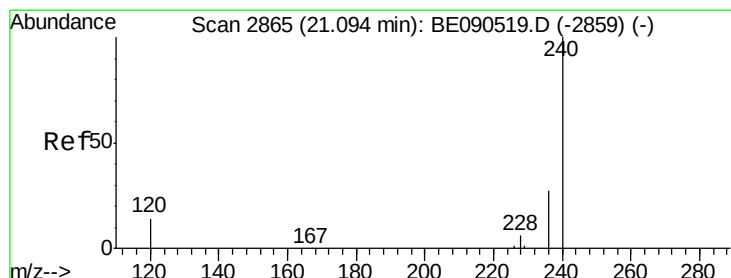
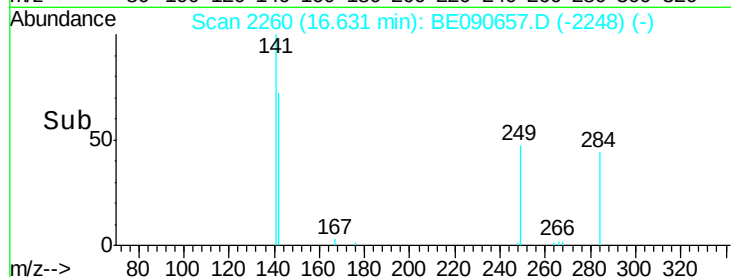
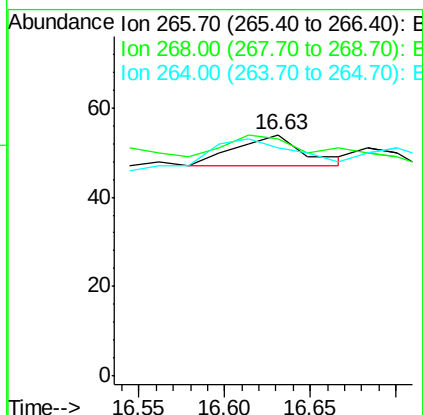
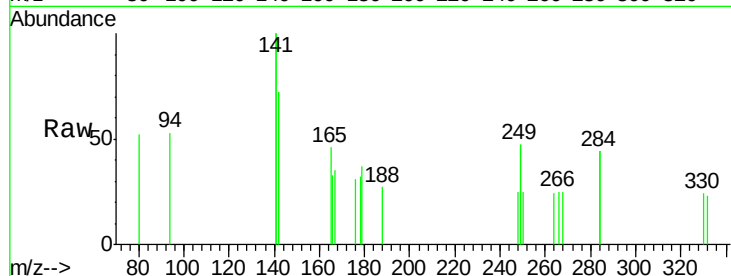




#21
Pentachlorophenol
Concen: 0.31 ng
RT: 16.63 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

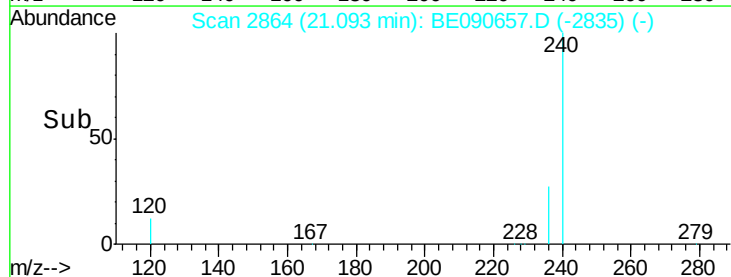
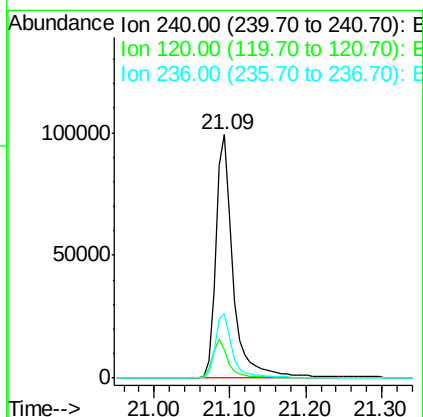
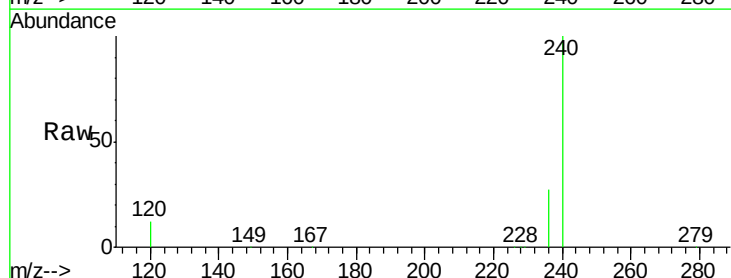
Instrument :
BNA_E
ClientSampleId :

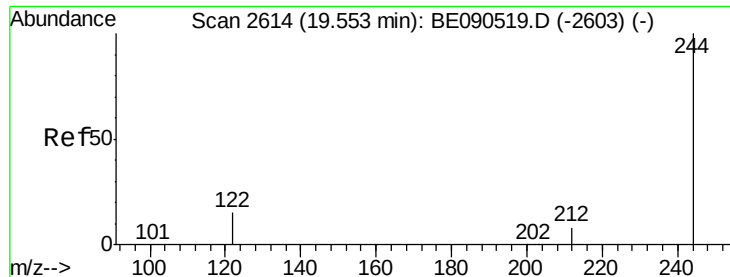
Tot Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
268 98.1 58.5 87.7#
264 94.4 56.0 84.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

Tgt Ion:240 Resp: 157149
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 26.7 21.0 31.4

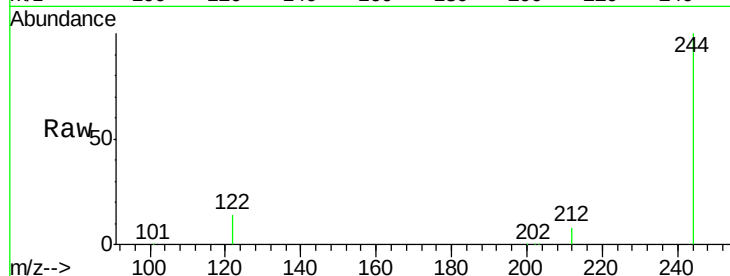




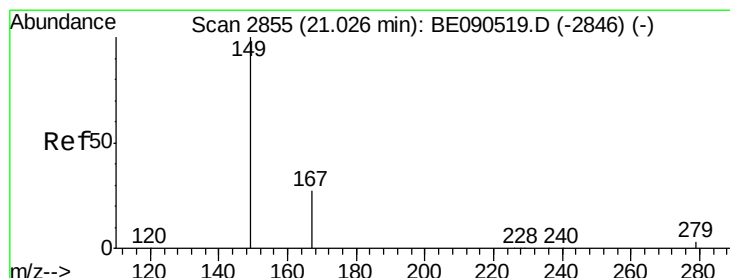
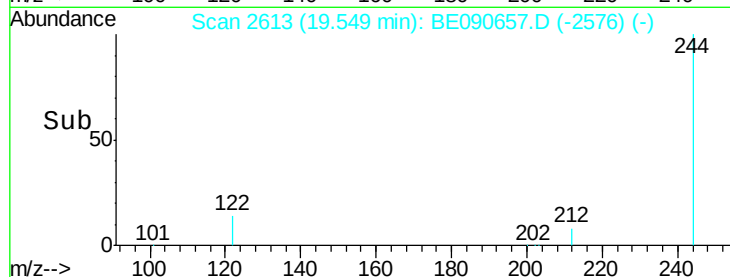
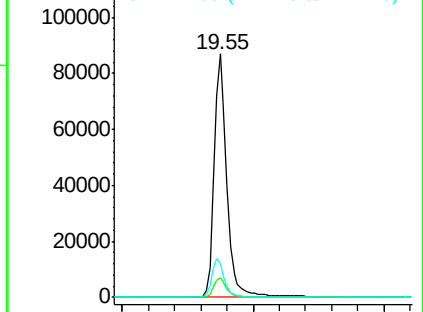
#27
 Terphenyl-d14
 Concen: 4.10 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BE090657.D
 Acq: 28 Aug 2015 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 117713
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.9 10.2 15.4

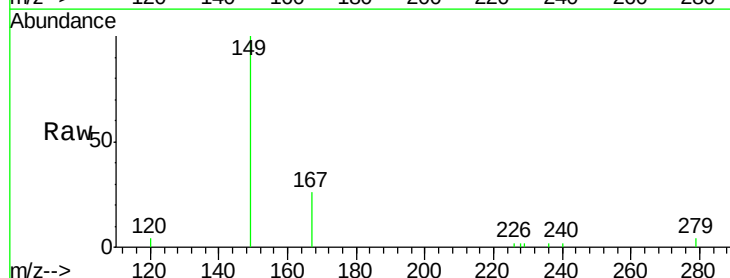


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

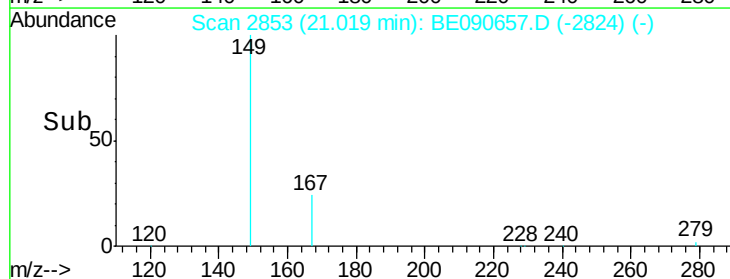
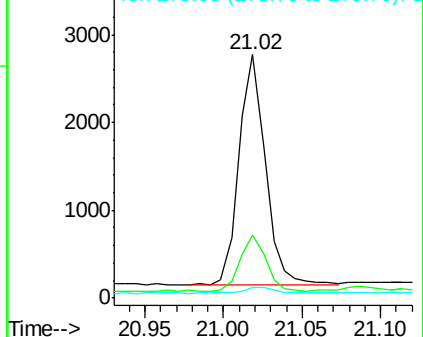


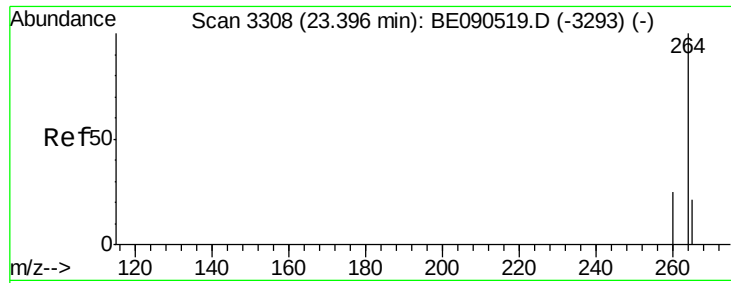
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090657.D
 Acq: 28 Aug 2015 15:53

Tgt Ion:149 Resp: 3098
 Ion Ratio Lower Upper
 149 100
 167 23.2 19.8 29.8
 279 2.9 2.4 3.6



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



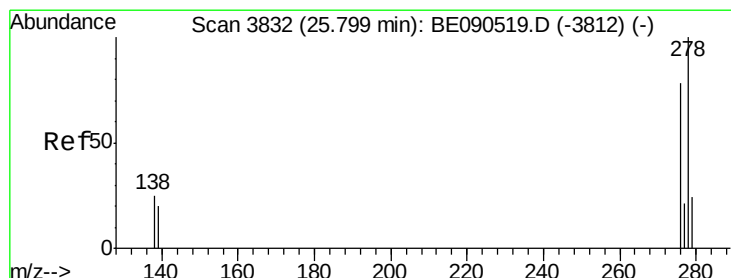
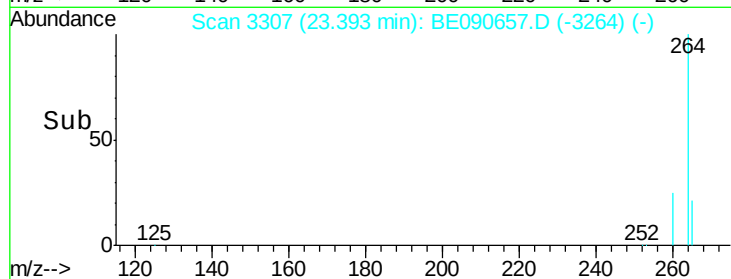
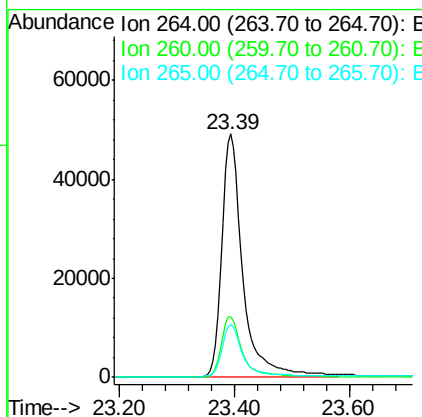
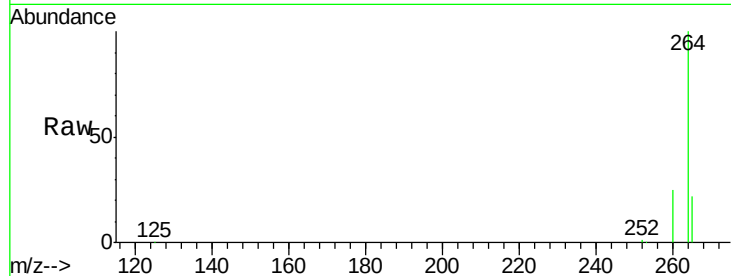


#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 127629

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.7	17.2	25.8



#36
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.83 min Scan# 3839
Delta R.T. 0.03 min
Lab File: BE090657.D
Acq: 28 Aug 2015 15:53

Tgt Ion:278 Resp: 550

Ion	Ratio	Lower	Upper
278	100		
139	54.9	14.2	21.4#
279	47.4	20.1	30.1#

