

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090473.D
 Acq On : 12 Aug 2015 18:43
 Operator : UM/IZ
 Sample : G3250-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:21:07 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

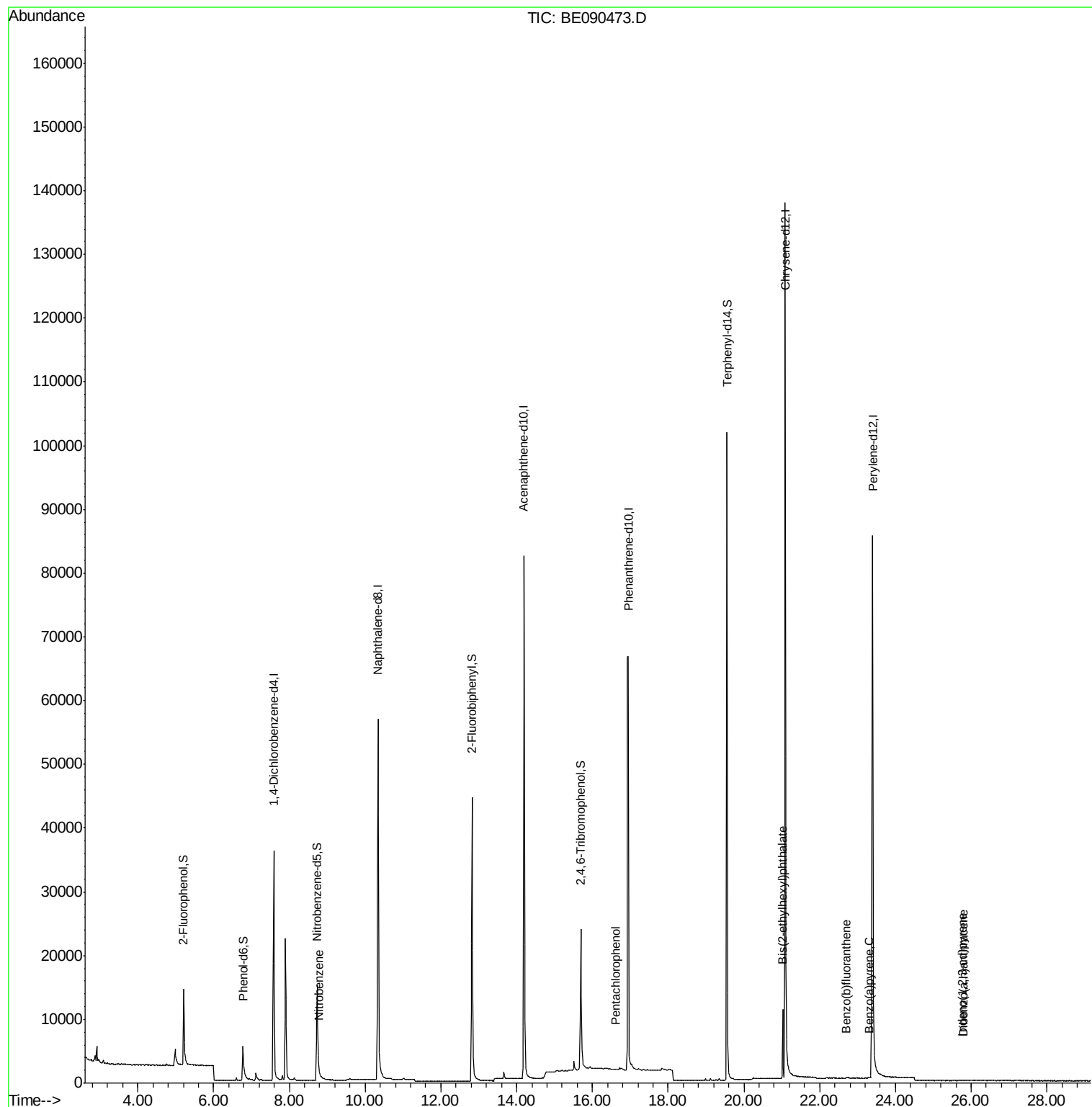
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19749	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	88439	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	50536	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	118828	5.00	ng	0.00
25) Chrysene-d12	21.09	240	137391	5.00	ng	0.00
32) Perylene-d12	23.40	264	125772	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10668	3.60	ng	0.00
5) Phenol-d6	6.77	99	10115	1.77	ng	0.00
7) Nitrobenzene-d5	8.73	82	21489	3.07	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	11490	7.61	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	53507	3.85	ng	0.00
27) Terphenyl-d14	19.55	244	107082	5.29	ng	0.00
Target Compounds						
8) Nitrobenzene	8.78	77	14	0.21	ng	# 72
10) Hexachlorobutadiene	10.67	225	3	Below Cal		# 1
21) Pentachlorophenol	16.61	266	18	0.11	ng	# 68
30) Bis(2-ethylhexyl)phthalate	21.03	149	9642	1.30	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.77	276	36	0.25	ng	# 62
33) Benzo(b)fluoranthene	22.71	252	98	0.20	ng	# 1
35) Benzo(a)pyrene	23.30	252	66	0.23	ng	# 1
36) Dibenzo(a,h)anthracene	25.80	278	79	0.29	ng	# 1

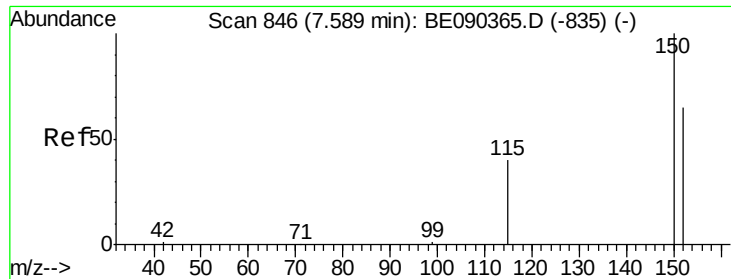
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090473.D
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Sample : G3250-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:21:07 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

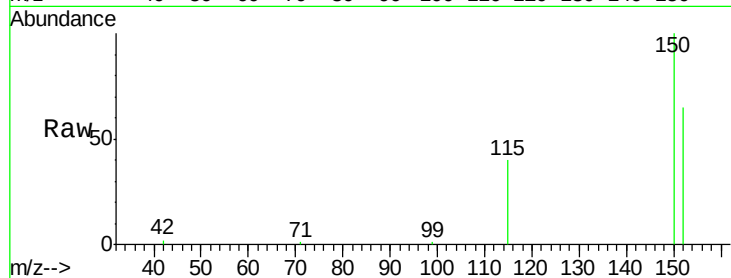
Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Instrument :

BNA_E

ClientSampled :



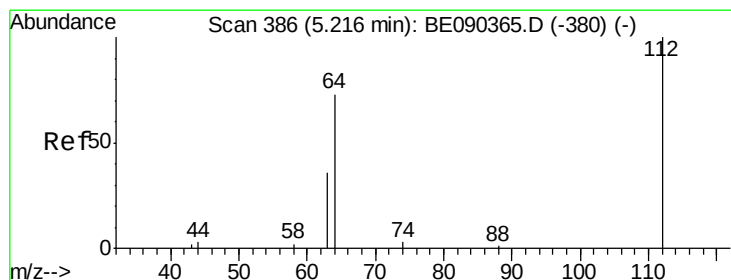
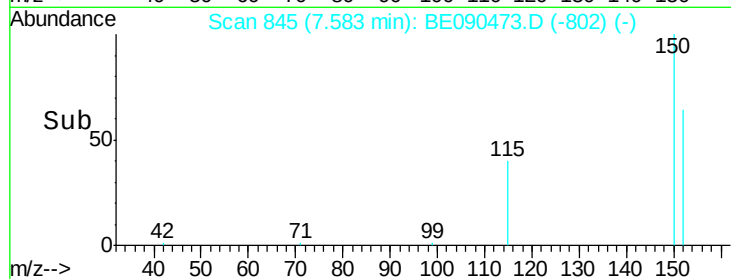
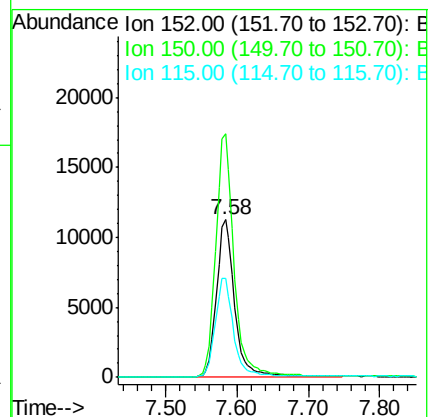
Tot Ion:152 Resp: 19749

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

115 62.6 48.9 73.3



#4

2-Fluorophenol

Concen: 3.60 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

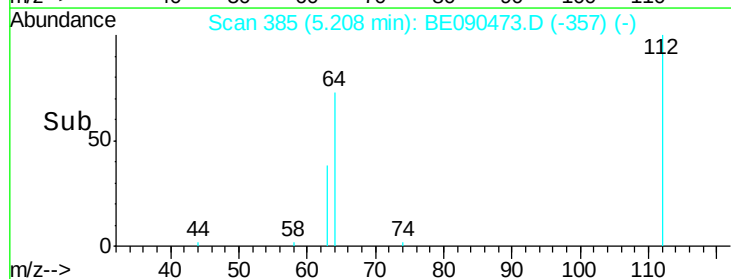
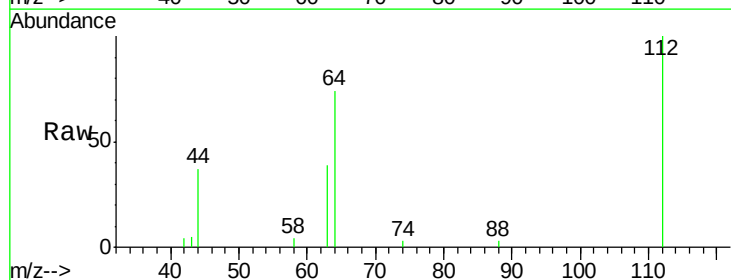
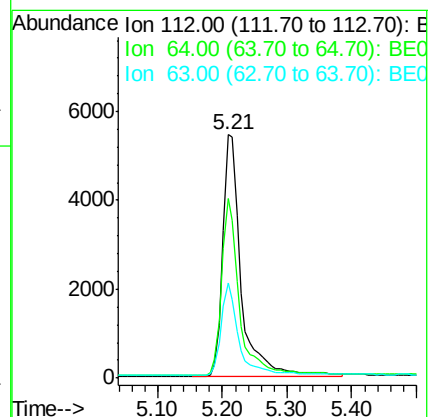
Tgt Ion:112 Resp: 10668

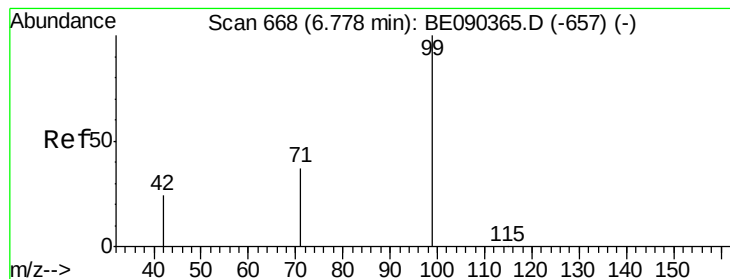
Ion Ratio Lower Upper

112 100

64 71.1 37.1 55.7#

63 35.5 19.5 29.3#





#5

Phenol-d6

Concen: 1.77 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Instrument :

BNA_E

ClientSampleId :

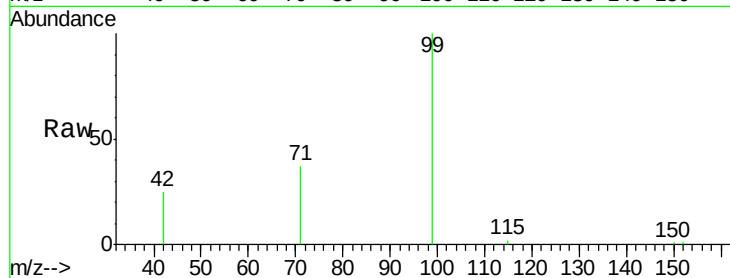
Tot Ion: 99 Resp: 10115

Ion Ratio Lower Upper

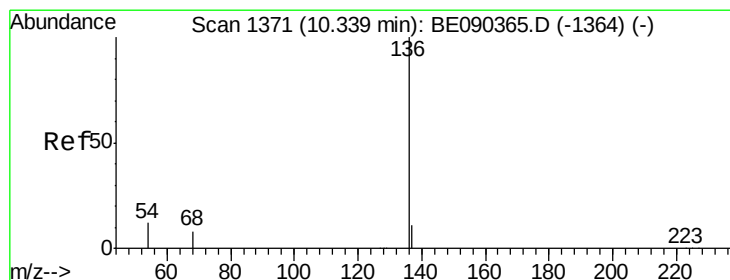
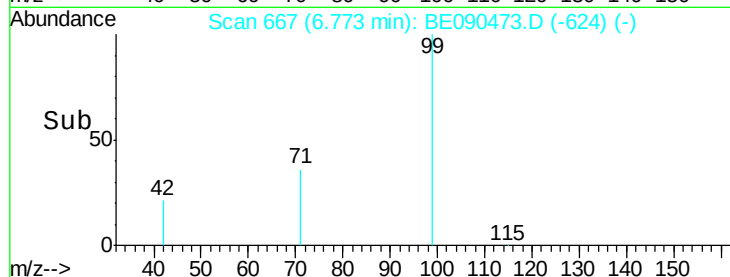
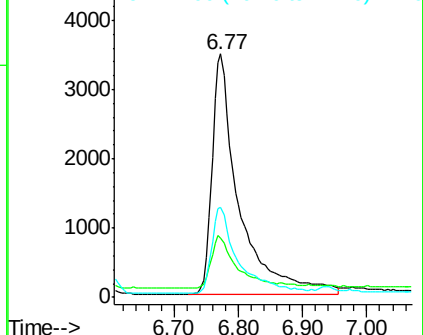
99 100

42 22.3 18.2 27.4

71 35.7 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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Tgt Ion: 136 Resp: 88439

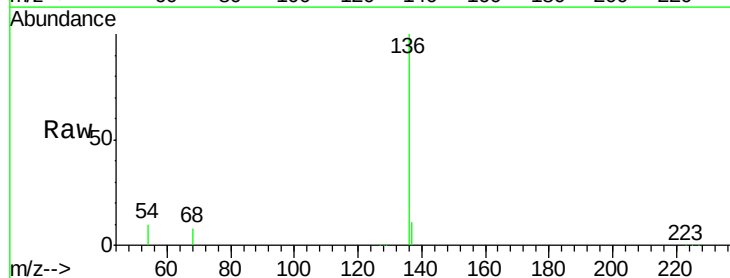
Ion Ratio Lower Upper

136 100

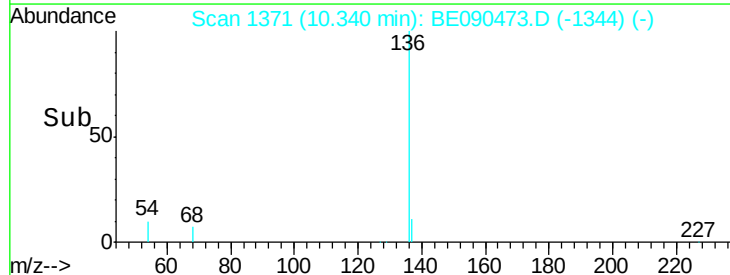
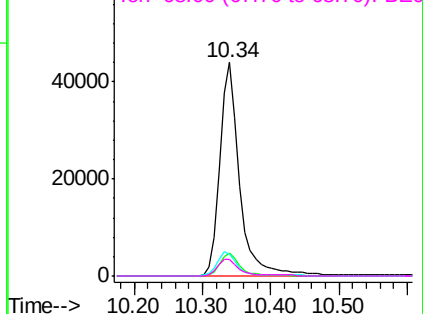
137 10.8 8.7 13.1

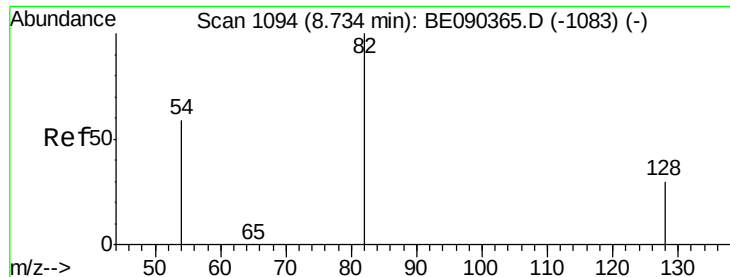
54 10.5 9.4 14.0

68 7.7 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: 3.07 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Instrument :

BNA_E

ClientSampleId :

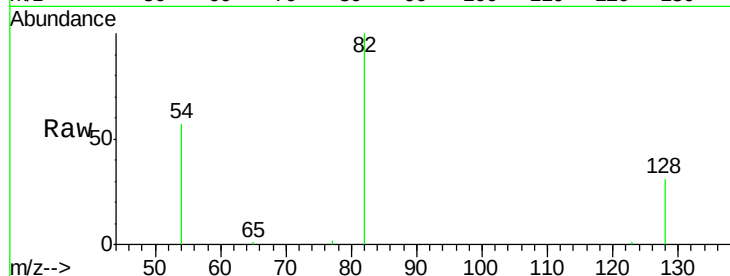
Tot Ion: 82 Resp: 21489

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.6

54 57.2 48.8 73.2



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

8.73

10000

8000

6000

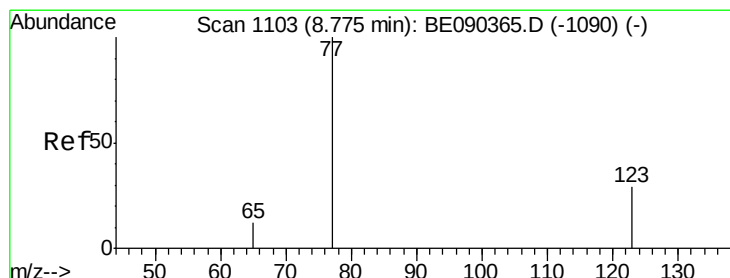
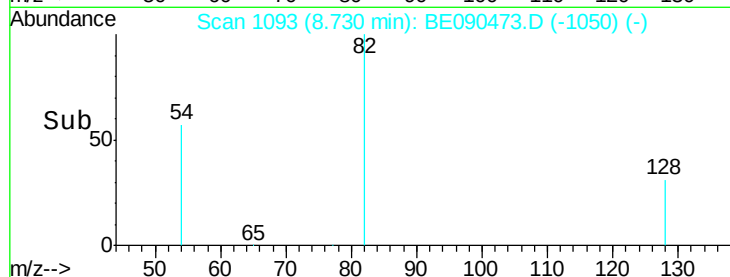
4000

2000

0

Time-->

8.60 8.70 8.80 8.90 9.00



#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

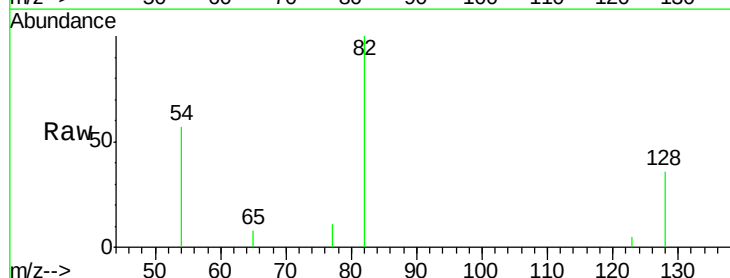
Tgt Ion: 77 Resp: 14

Ion Ratio Lower Upper

77 100

123 35.7 25.1 37.7

65 42.9 9.3 13.9#



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

150

100

8.78

100

75

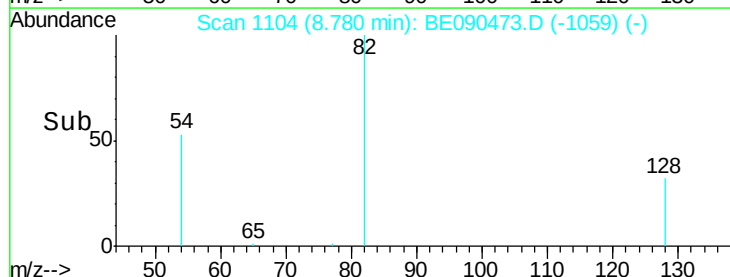
50

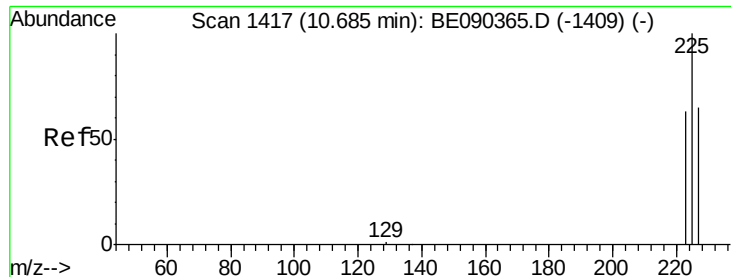
25

0

Time-->

8.76 8.78 8.80

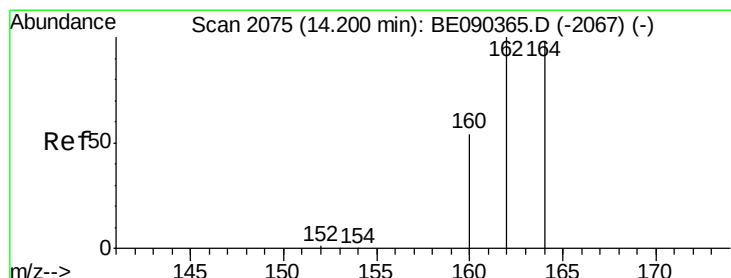
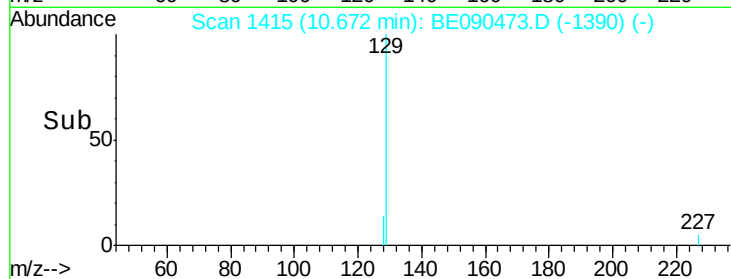
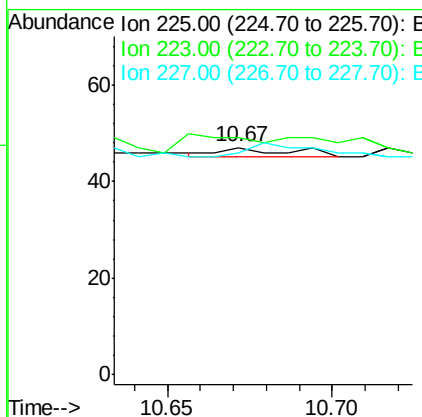
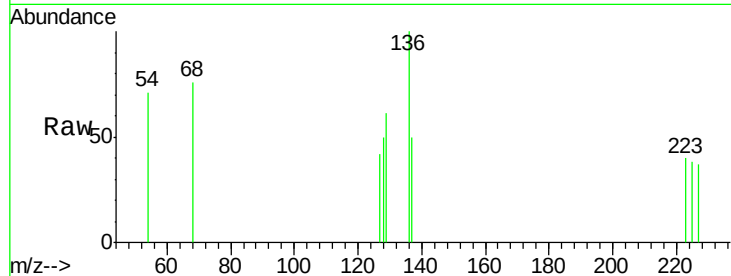




#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090473.D
Acq: 12 Aug 2015 18:43

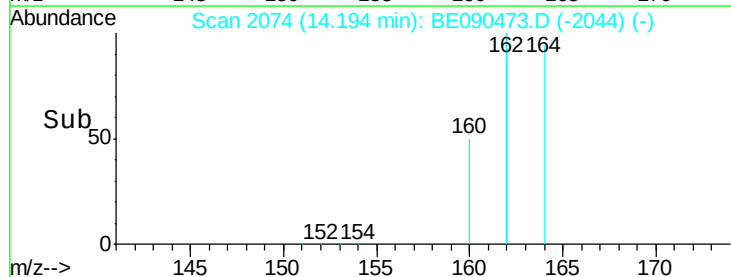
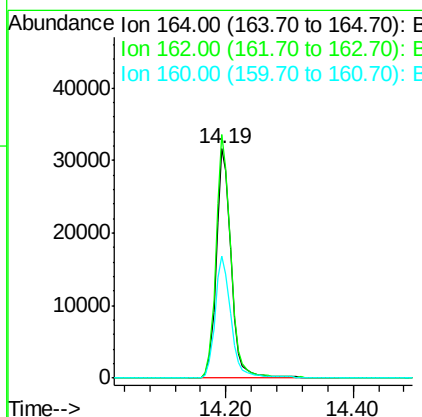
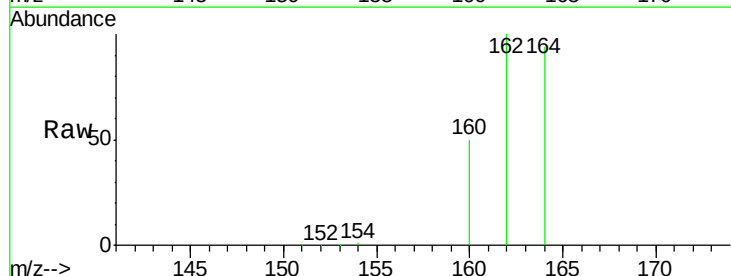
Instrument :
BNA_E
ClientSampleId :

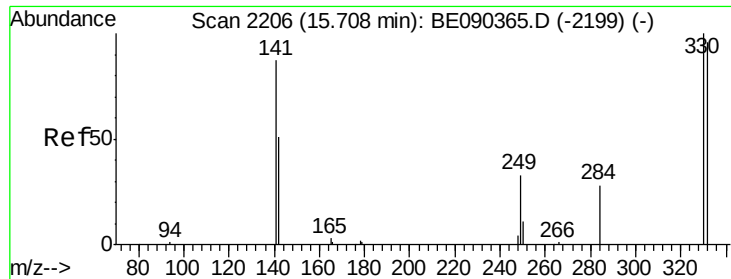
Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 166.7 50.7 76.1#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090473.D
Acq: 12 Aug 2015 18:43

Tgt Ion:164 Resp: 50536
Ion Ratio Lower Upper
164 100
162 106.3 81.8 122.8
160 53.4 44.2 66.4

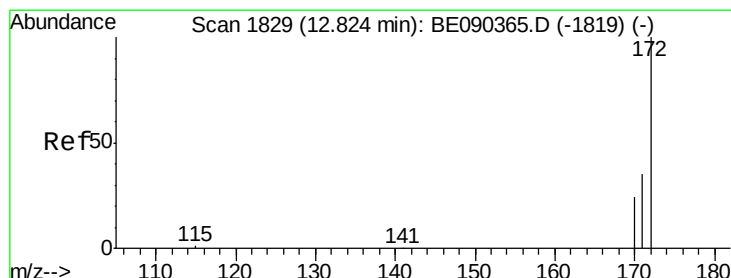
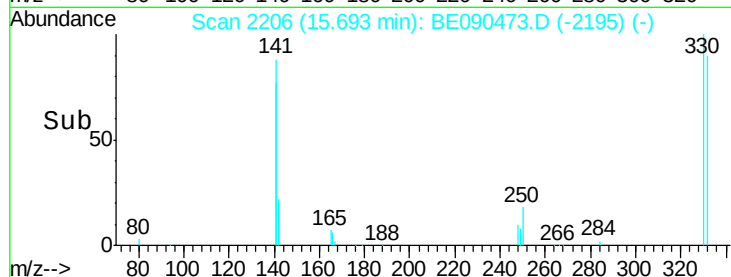
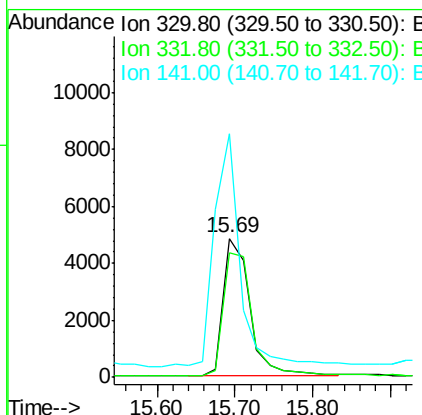
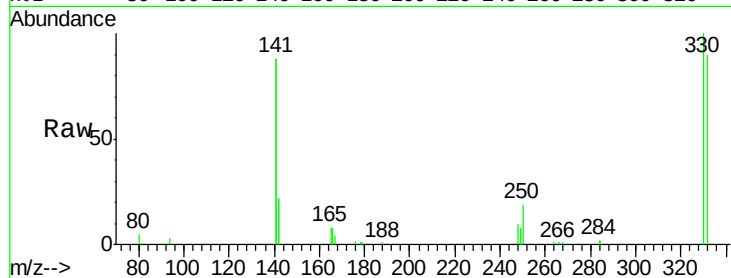




#13
 2,4,6-Tribromophenol
 Concen: 7.61 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090473.D
 Acq: 12 Aug 2015 18:43

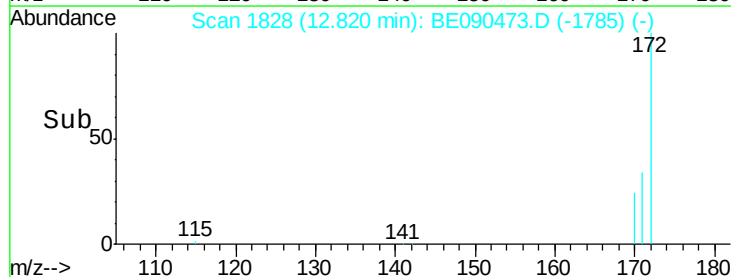
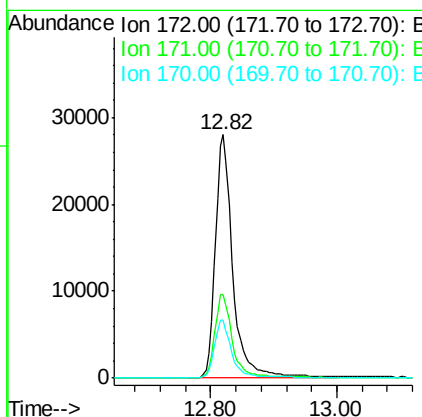
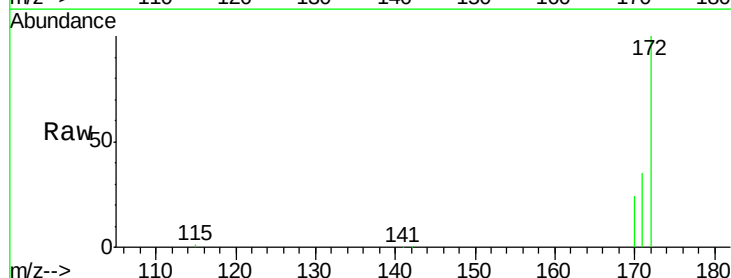
Instrument :
 BNA_E
 ClientSampleId :

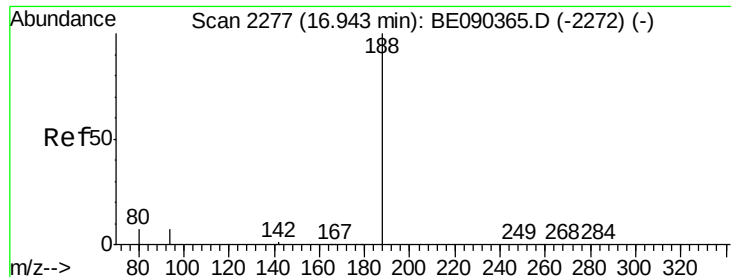
Tot Ion:330 Resp: 11490
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 162.1 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090473.D
 Acq: 12 Aug 2015 18:43

Tgt Ion:172 Resp: 53507
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.8 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Instrument :

BNA_E

ClientSampleId :

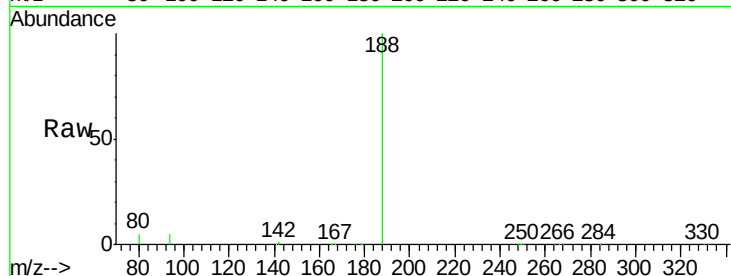
Tot Ion:188 Resp: 118828

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

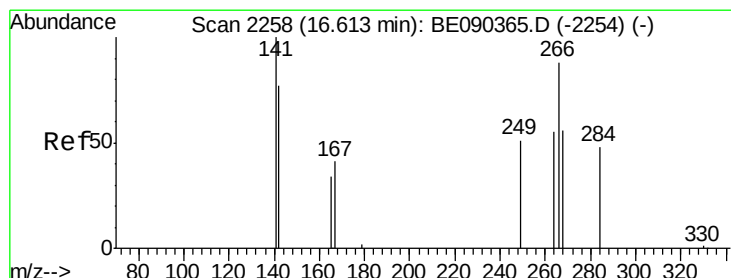
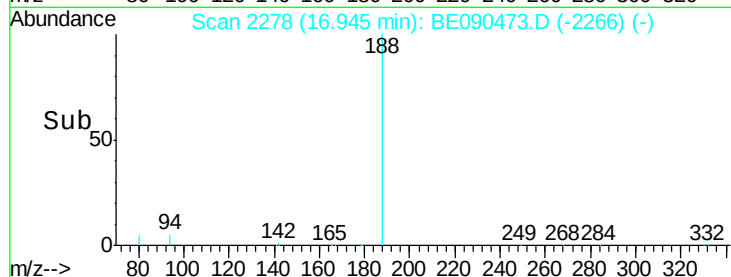
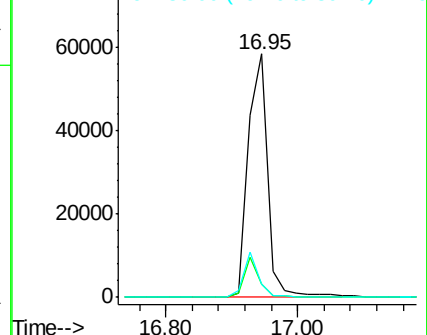
80 5.4 5.8 8.8#



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



#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

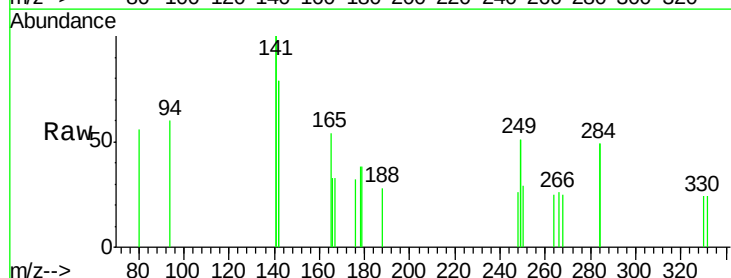
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 98.0 58.5 87.7#

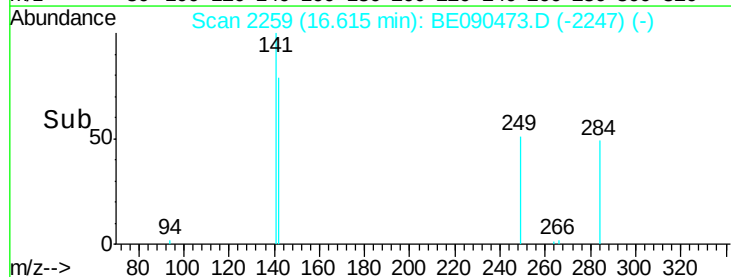
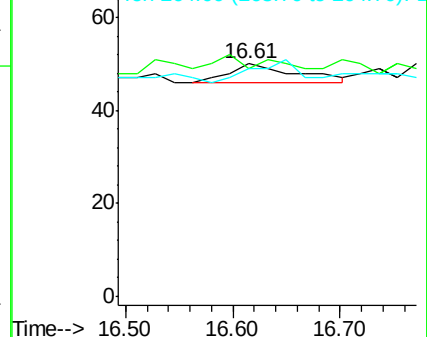
264 98.0 56.0 84.0#

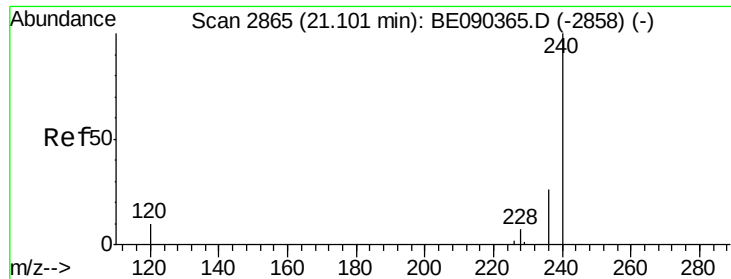


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

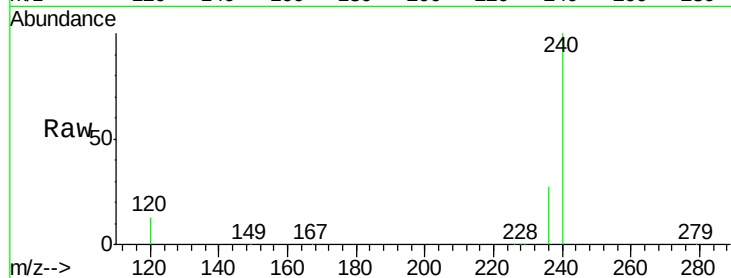




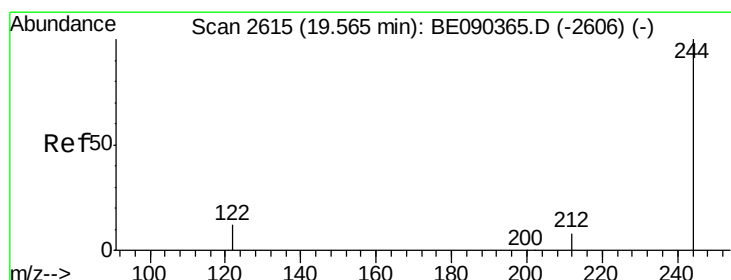
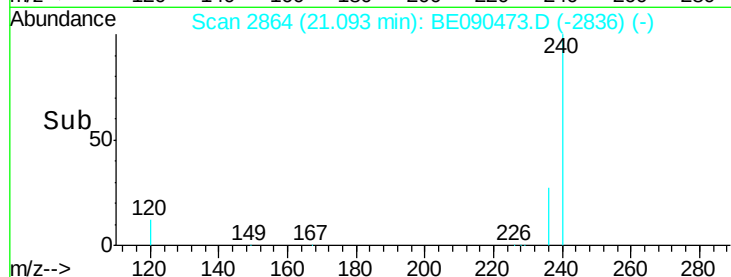
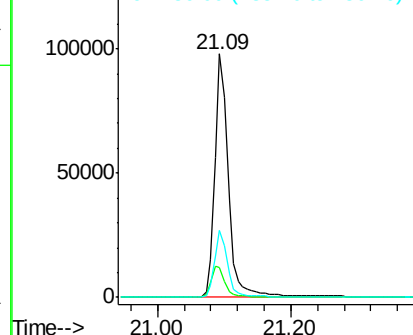
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090473.D
Acq: 12 Aug 2015 18:43

Instrument :
BNA_E
ClientSampled :

Tot Ion:240 Resp: 137391
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5#
236 27.4 21.0 31.4

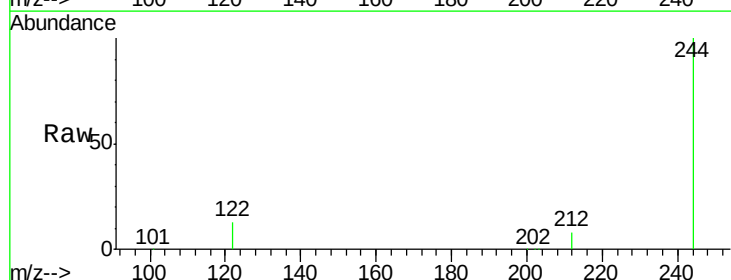


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

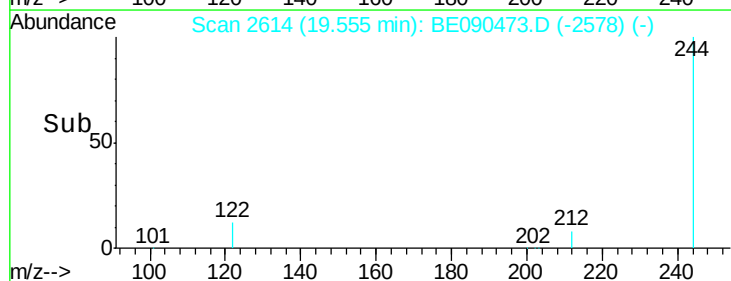
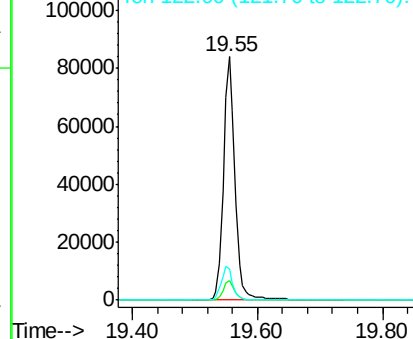


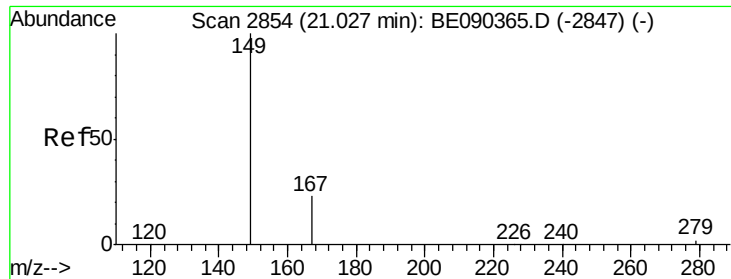
#27
Terphenyl-d14
Concen: 5.29 ng
RT: 19.55 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090473.D
Acq: 12 Aug 2015 18:43

Tgt Ion:244 Resp: 107082
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 12.6 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

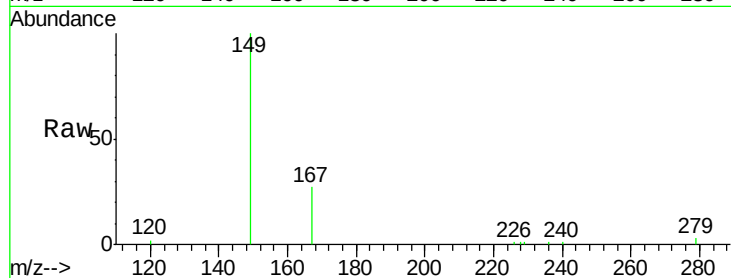




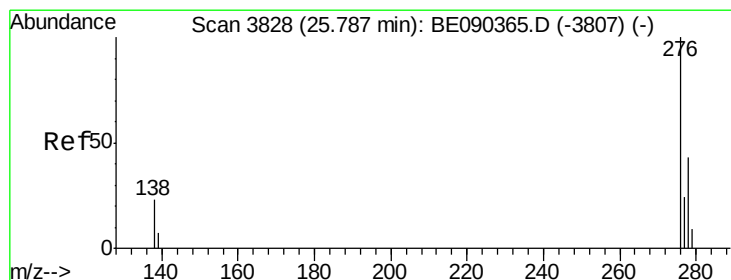
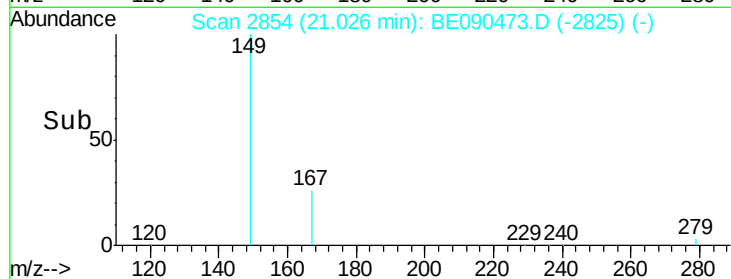
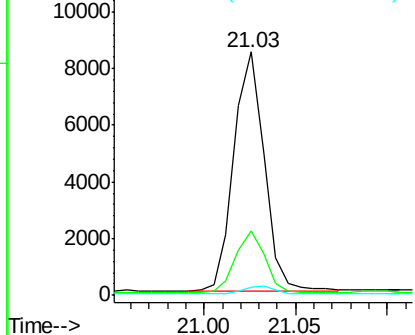
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 1.30 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BE090473.D
 Acq: 12 Aug 2015 18:43

Instrument :
 BNA_E
 ClientSampleID :

Tot Ion:149 Resp: 9642
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.8 29.8
 279 3.3 2.4 3.6

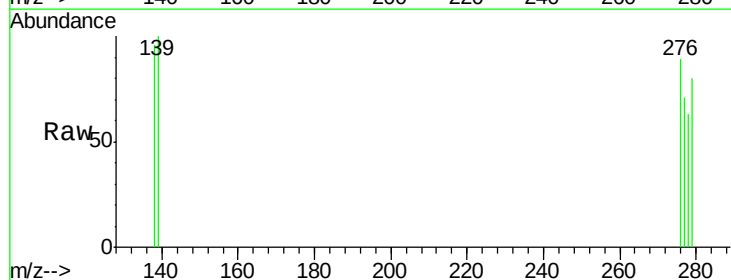


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

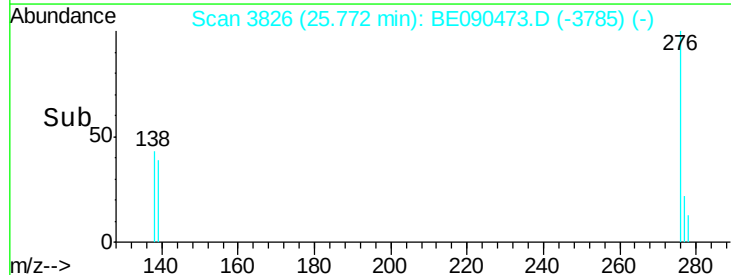
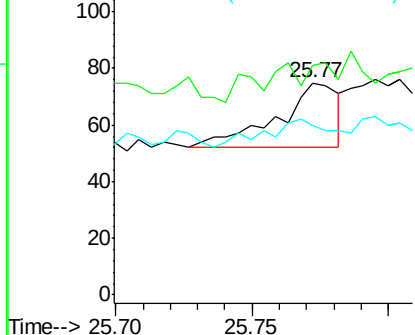


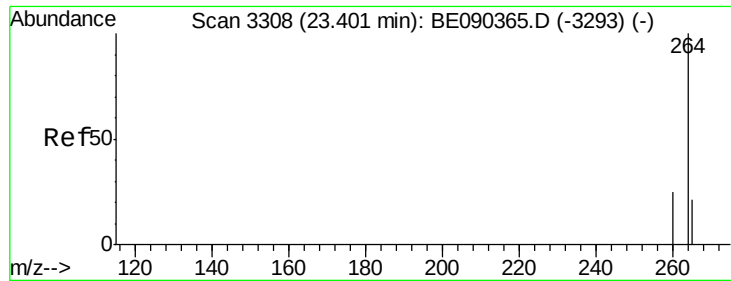
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.25 ng
 RT: 25.77 min Scan# 3826
 Delta R.T. -0.01 min
 Lab File: BE090473.D
 Acq: 12 Aug 2015 18:43

Tgt Ion:276 Resp: 36
 Ion Ratio Lower Upper
 276 100
 138 13.9 18.8 28.2#
 277 50.0 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

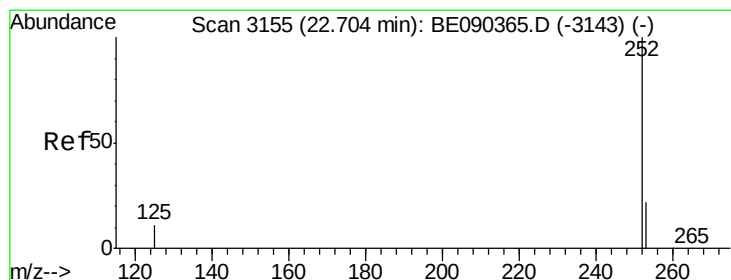
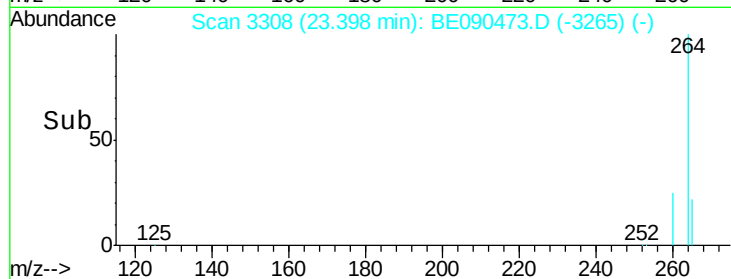
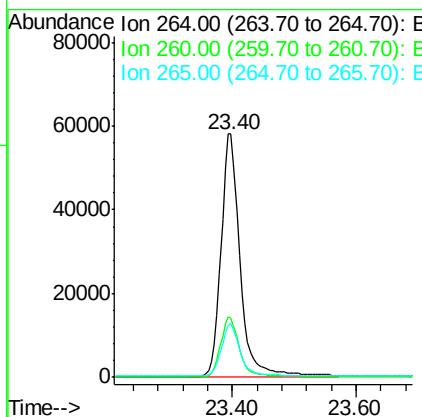
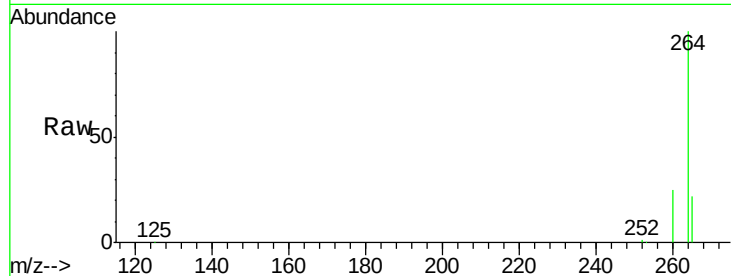




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090473.D
Acq: 12 Aug 2015 18:43

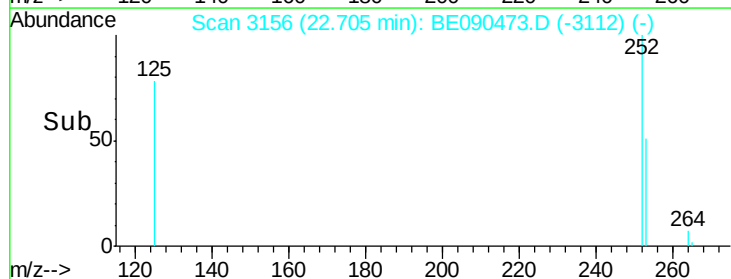
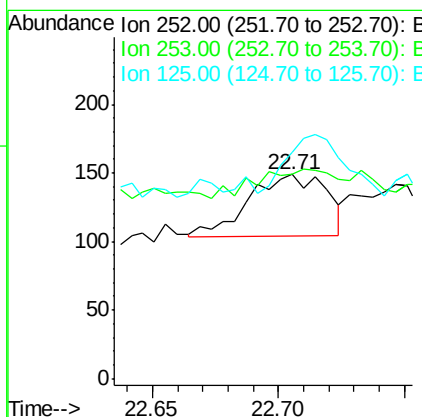
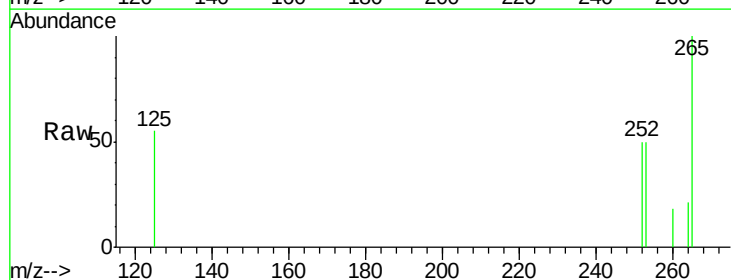
Instrument :
BNA_E
ClientSampleId :

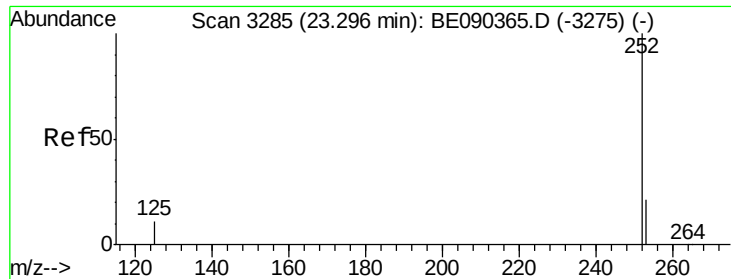
Tot Ion:264 Resp: 125772
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 22.0 17.2 25.8



#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.71 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BE090473.D
Acq: 12 Aug 2015 18:43

Tgt Ion:252 Resp: 98
Ion Ratio Lower Upper
252 100
253 100.0 18.1 27.1#
125 110.7 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3287

Delta R.T. 0.01 min

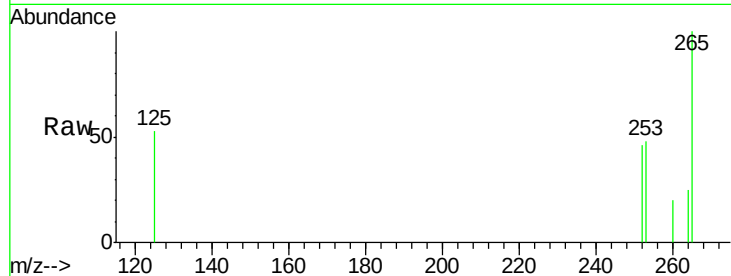
Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Instrument :

BNA_E

ClientSampled :



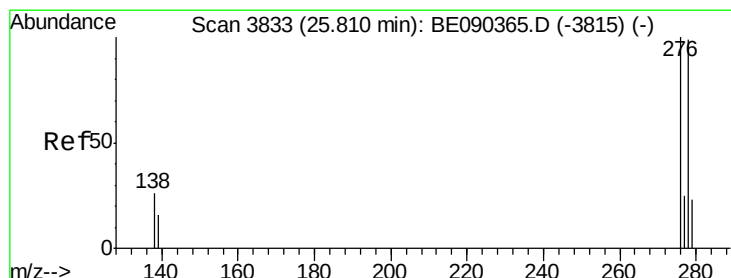
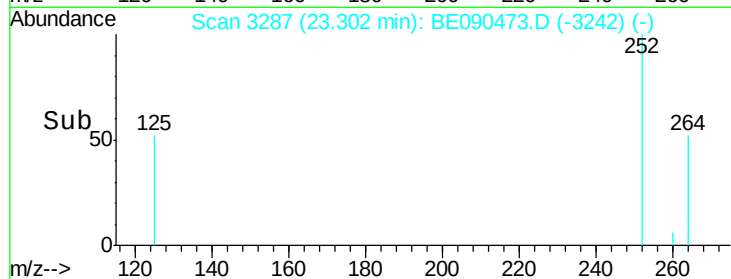
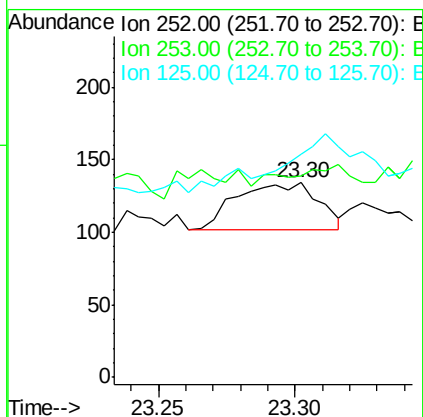
Tot Ion:252 Resp: 66

Ion Ratio Lower Upper

252 100

253 103.7 17.6 26.4#

125 114.9 9.8 14.6#



#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.80 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BE090473.D

Acq: 12 Aug 2015 18:43

Tgt Ion:278 Resp: 79

Ion Ratio Lower Upper

278 100

139 110.8 14.2 21.4#

279 90.5 20.1 30.1#

