

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090463.D
 Acq On : 12 Aug 2015 12:30
 Operator : UM/IZ
 Sample : G3236-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:18:58 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	19107	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	88848	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	51761	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	124788	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144534	5.00	ng	0.00
32) Perylene-d12	23.40	264	127178	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	11684	4.08	ng	0.00
5) Phenol-d6	6.77	99	11191	1.99	ng	0.00
7) Nitrobenzene-d5	8.73	82	22014	3.12	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	13751	8.45	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	56045	3.94	ng	0.00
27) Terphenyl-d14	19.55	244	117030	5.50	ng	-0.01

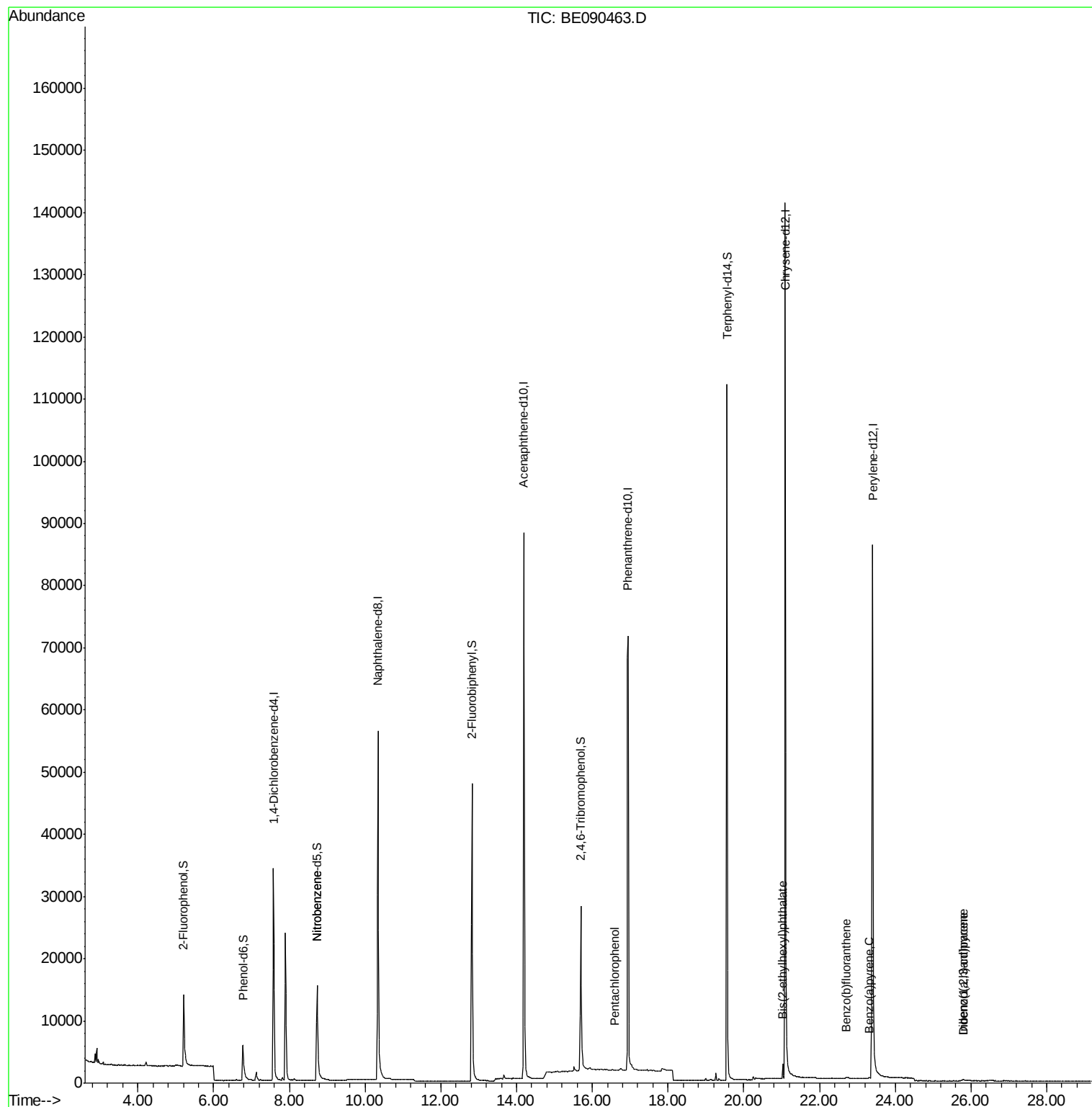
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Nitrobenzene	8.73	77	60	0.22	ng	# 29
10) Hexachlorobutadiene	10.69	225	4	Below Cal		# 1
21) Pentachlorophenol	16.60	266	30	0.13	ng	# 65
30) Bis(2-ethylhexyl)phthalate	21.03	149	2194	0.39	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.78	276	143	0.26	ng	# 37
33) Benzo(b)fluoranthene	22.70	252	225	0.20	ng	# 1
35) Benzo(a)pyrene	23.30	252	211	0.23	ng	# 1
36) Dibenzo(a,h)anthracene	25.81	278	232	0.29	ng	# 4

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090463.D
Acq On : 12 Aug 2015 12:30
Operator : UM/IZ
Sample : G3236-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:18:58 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



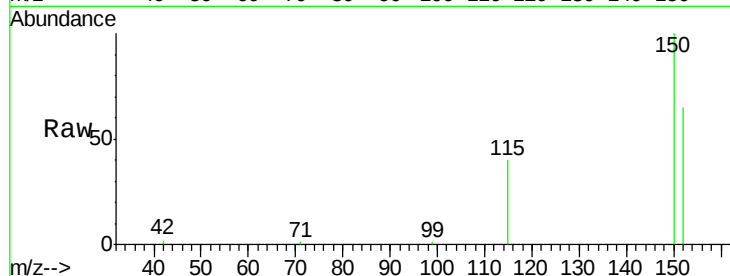


#1

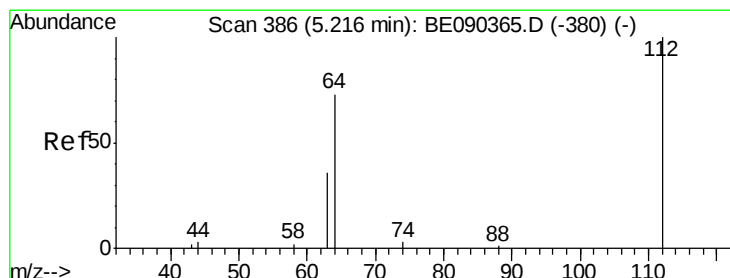
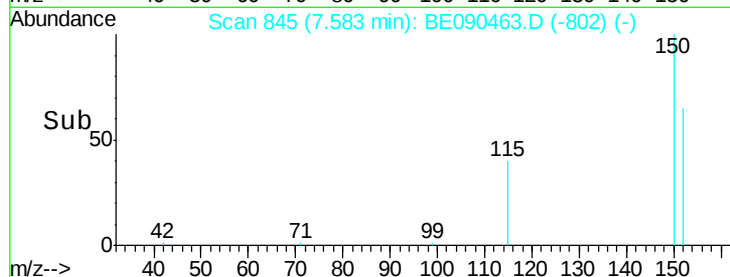
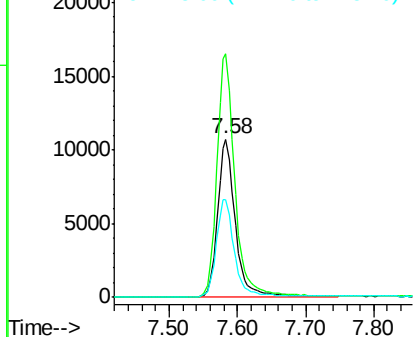
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090463.D
Acq: 12 Aug 2015 12:30

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 19107
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.4
115 61.5 48.9 73.3



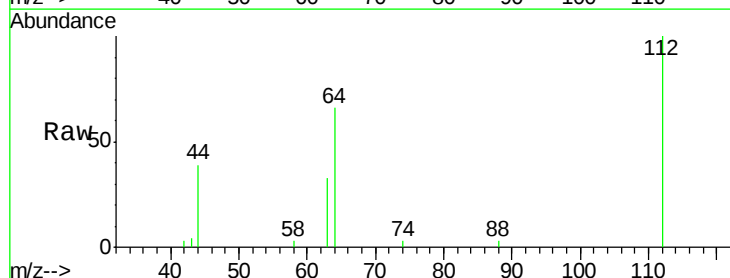
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



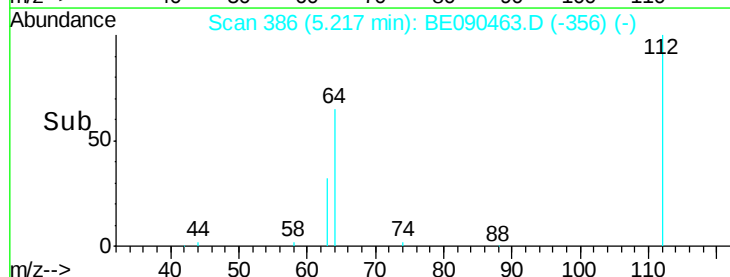
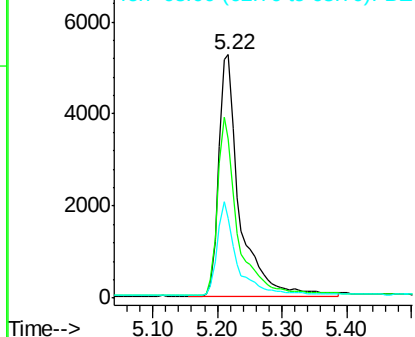
#4

2-Fluorophenol
Concen: 4.08 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090463.D
Acq: 12 Aug 2015 12:30

Tgt Ion:112 Resp: 11684
Ion Ratio Lower Upper
112 100
64 70.2 37.1 55.7#
63 36.8 19.5 29.3#



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: 1.99 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA_E

ClientSampleId :

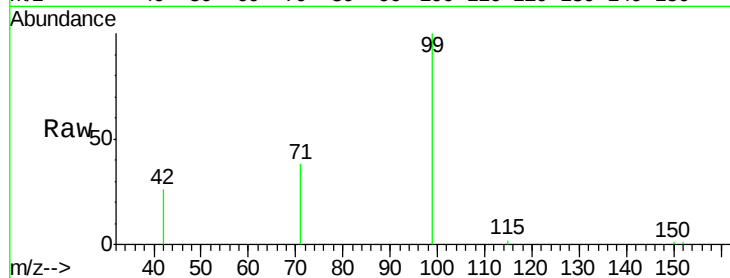
Tot Ion: 99 Resp: 11191

Ion Ratio Lower Upper

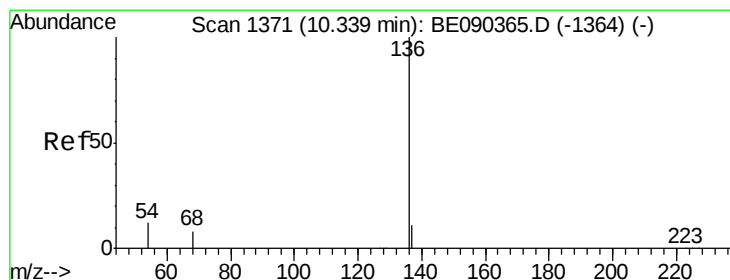
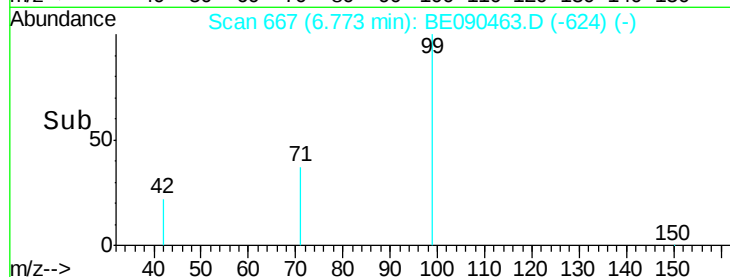
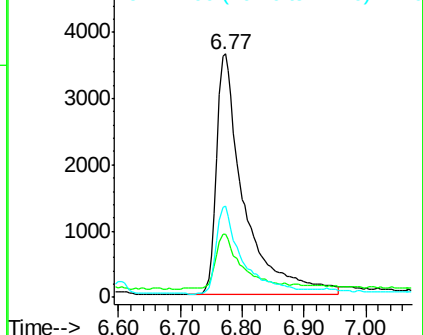
99 100

42 21.0 18.2 27.4

71 35.0 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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Tgt Ion: 136 Resp: 88848

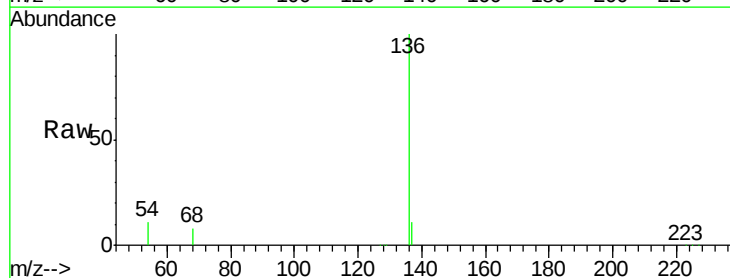
Ion Ratio Lower Upper

136 100

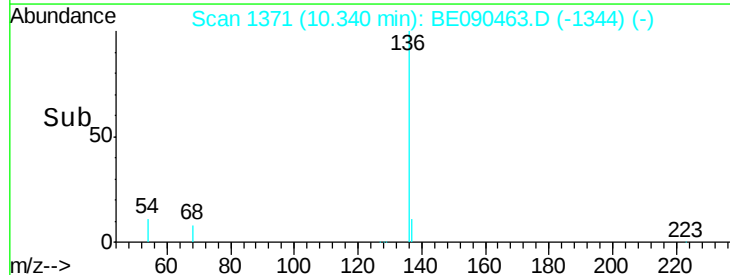
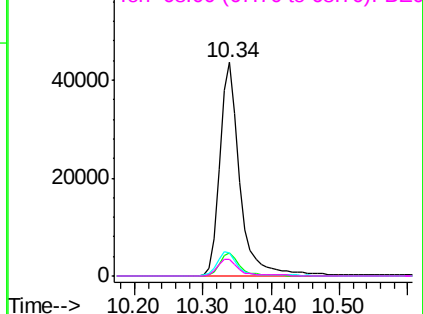
137 10.8 8.7 13.1

54 10.7 9.4 14.0

68 7.8 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: 3.12 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA_E

ClientSampleId :

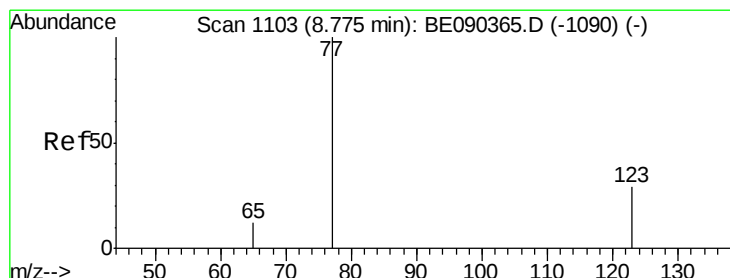
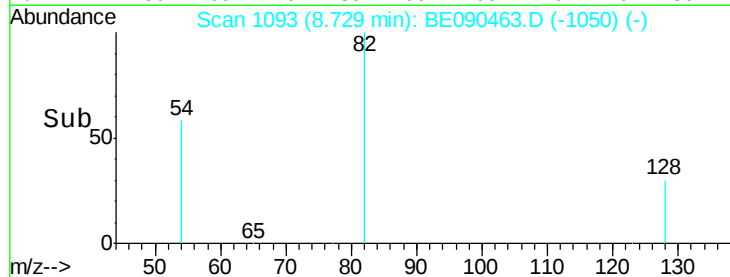
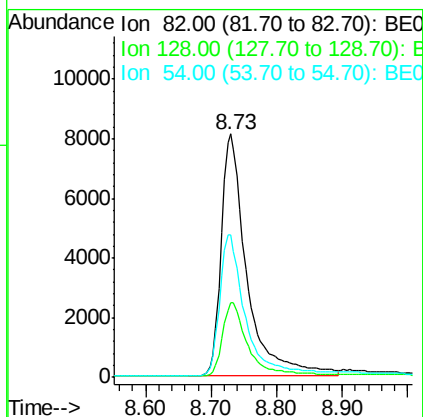
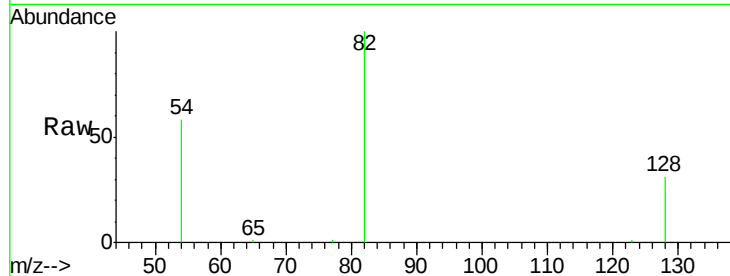
Tot Ion: 82 Resp: 22014

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.6

54 58.4 48.8 73.2



#8

Nitrobenzene

Concen: 0.22 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

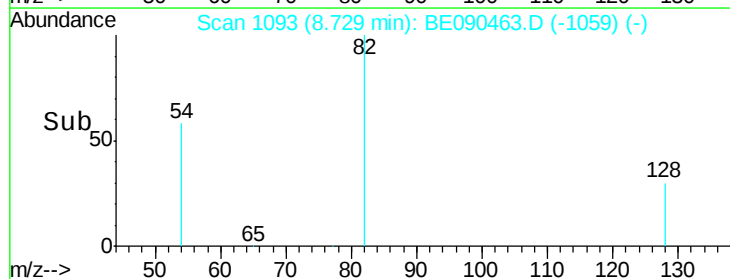
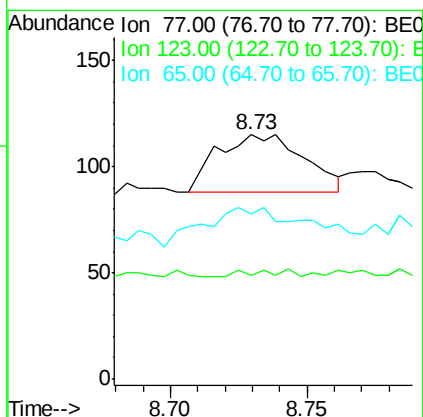
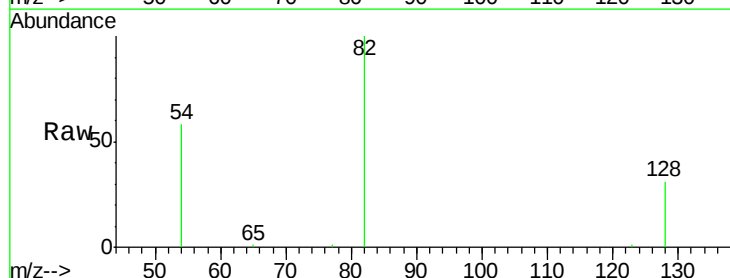
Tgt Ion: 77 Resp: 60

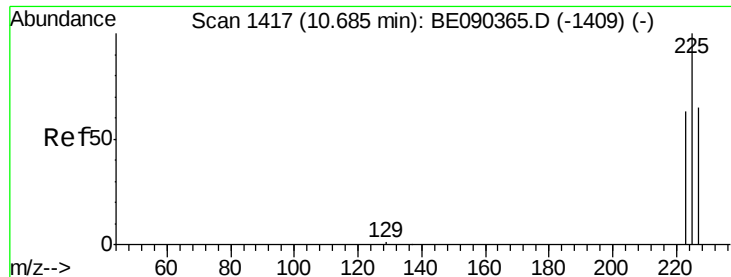
Ion Ratio Lower Upper

77 100

123 3.3 25.1 37.7#

65 60.0 9.3 13.9#

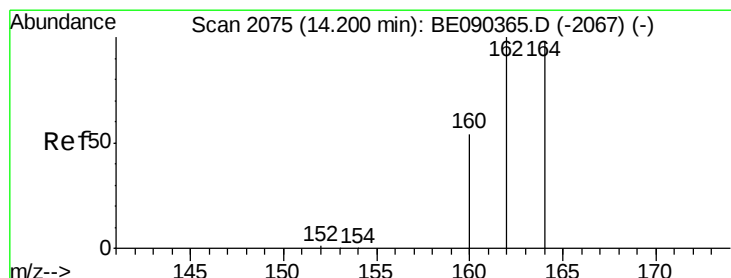
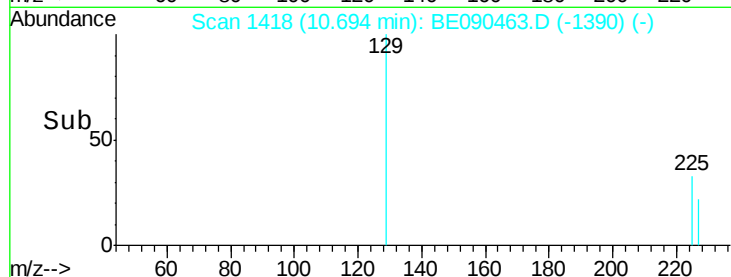
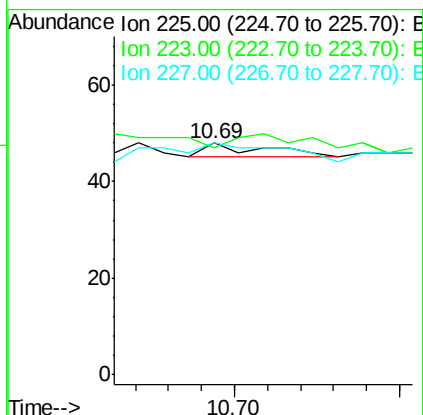
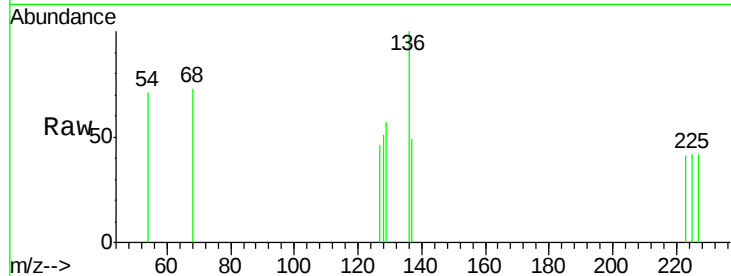




#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BE090463.D
Acq: 12 Aug 2015 12:30

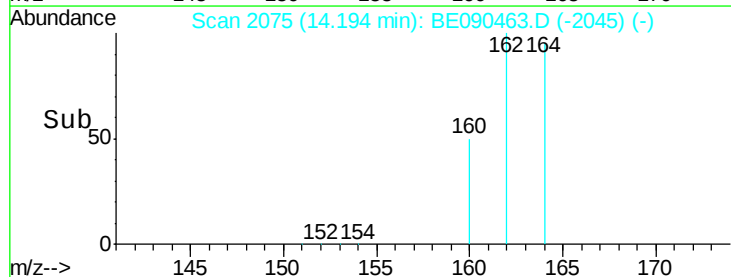
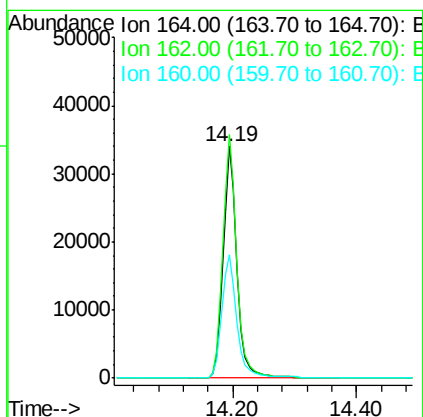
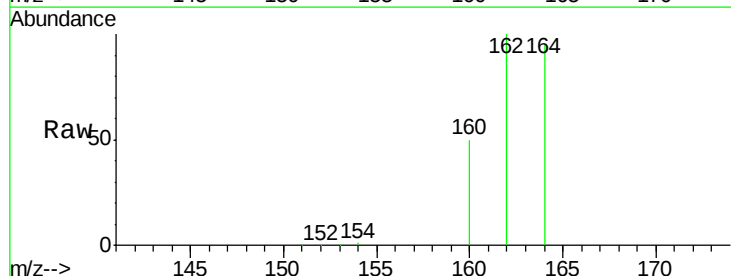
Instrument :
BNA_E
ClientSampleId :

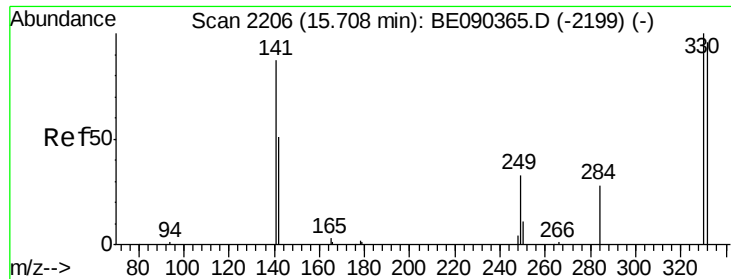
Tot Ion:225 Resp: 4
Ion Ratio Lower Upper
225 100
223 175.0 50.6 75.8#
227 250.0 50.7 76.1#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BE090463.D
Acq: 12 Aug 2015 12:30

Tgt Ion:164 Resp: 51761
Ion Ratio Lower Upper
164 100
162 104.9 81.8 122.8
160 52.9 44.2 66.4

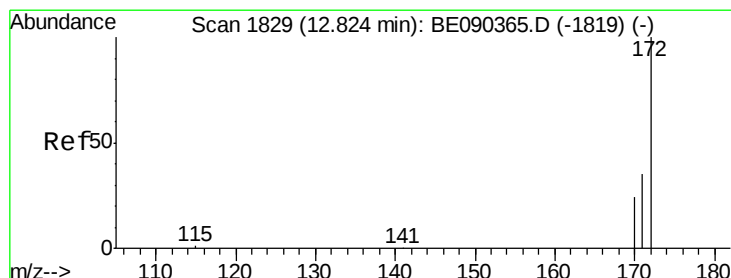
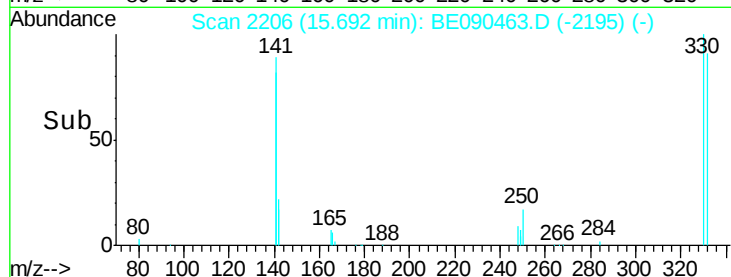
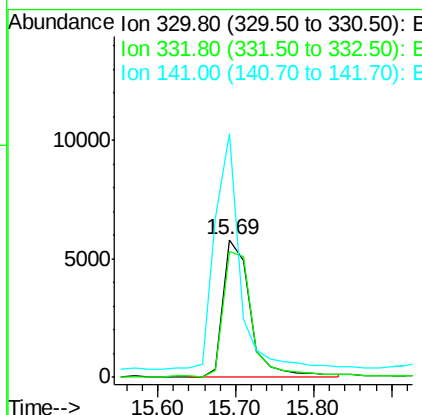
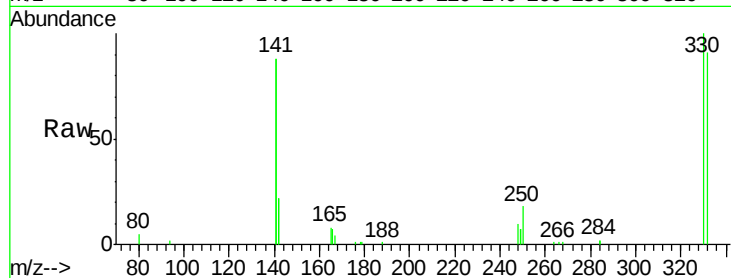




#13
 2,4,6-Tribromophenol
 Concen: 8.45 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090463.D
 Acq: 12 Aug 2015 12:30

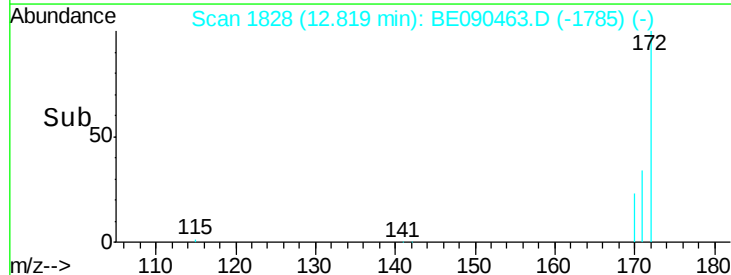
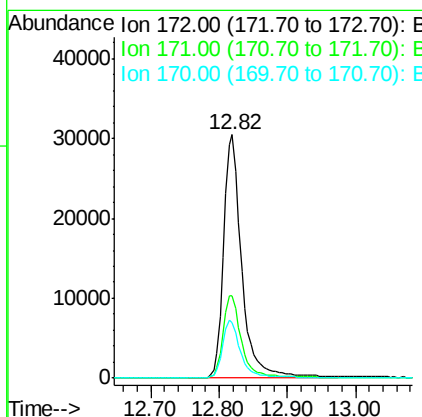
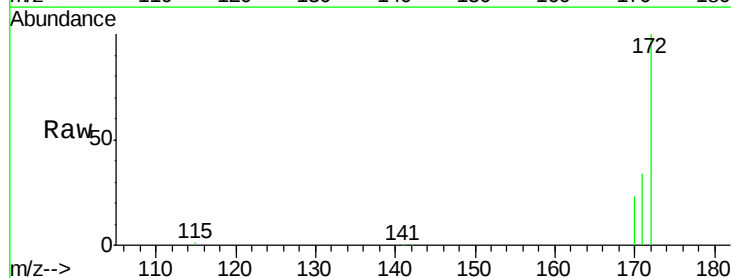
Instrument :
 BNA_E
 ClientSampleId :

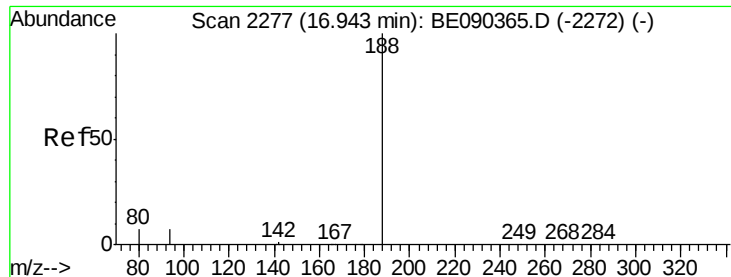
Tot Ion:330 Resp: 13751
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 158.9 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.94 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090463.D
 Acq: 12 Aug 2015 12:30

Tgt Ion:172 Resp: 56045
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 22.8 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA_E

ClientSampleId :

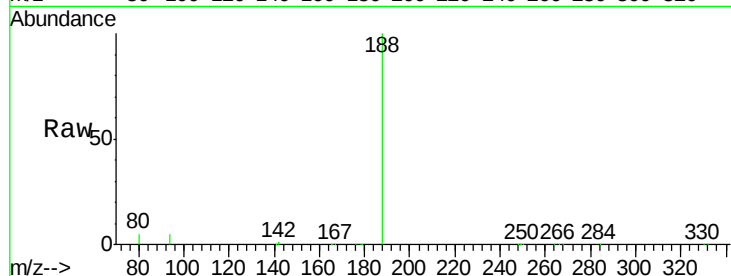
Tot Ion:188 Resp: 124788

Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

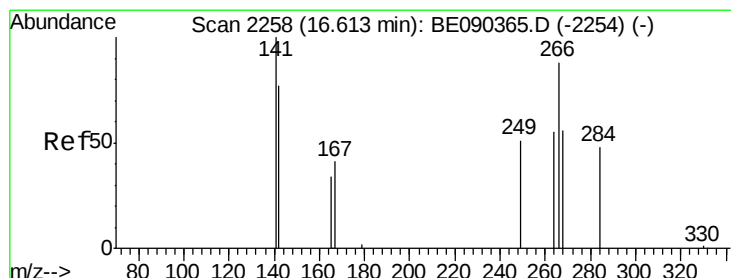
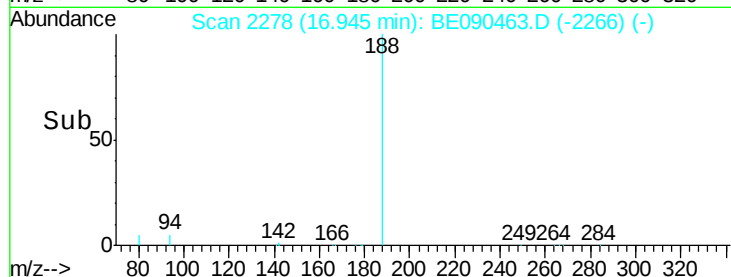
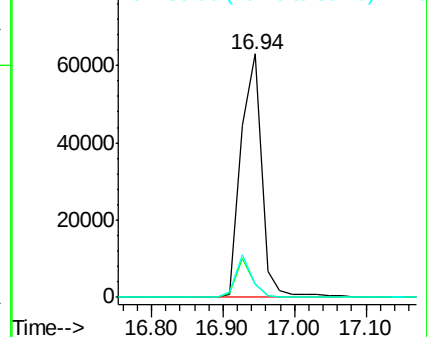
80 5.3 5.8 8.8#



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: 0.13 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

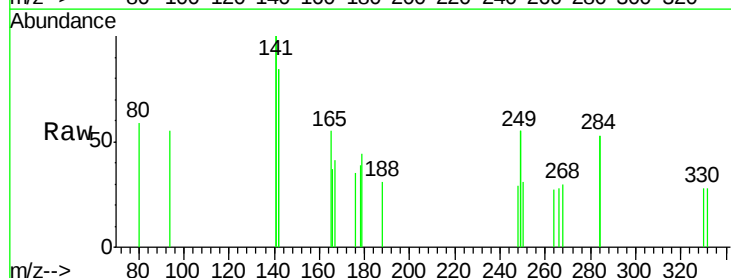
Tgt Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

268 105.9 58.5 87.7#

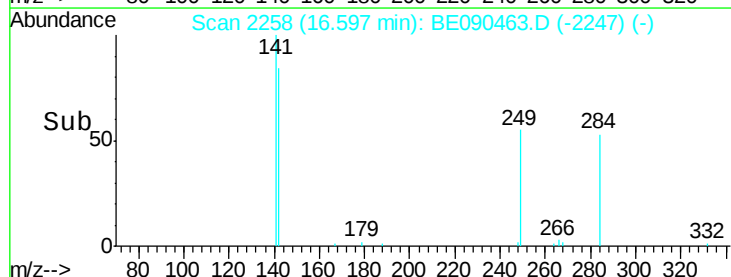
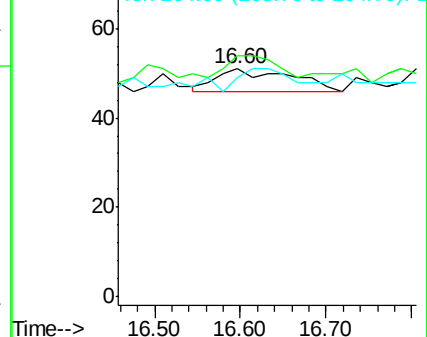
264 96.1 56.0 84.0#

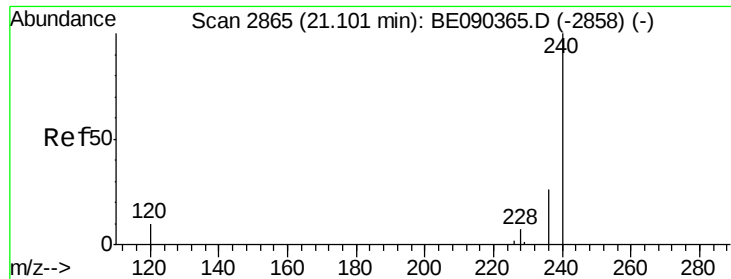


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrvsene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA_E

ClientSampleId :

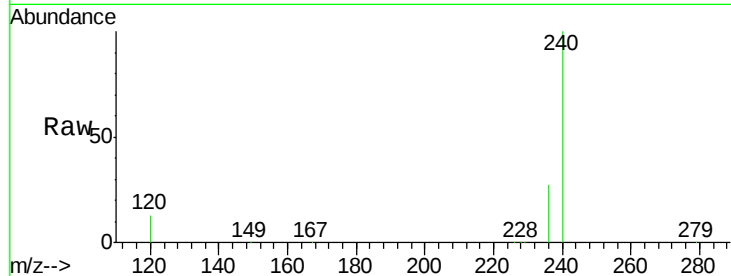
Tot Ion:240 Resp: 144534

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

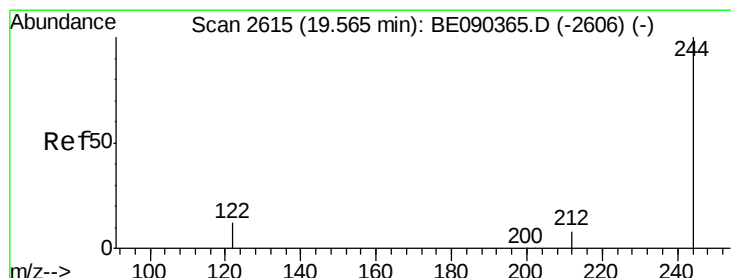
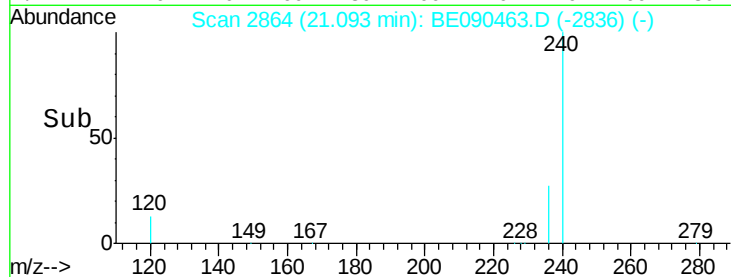
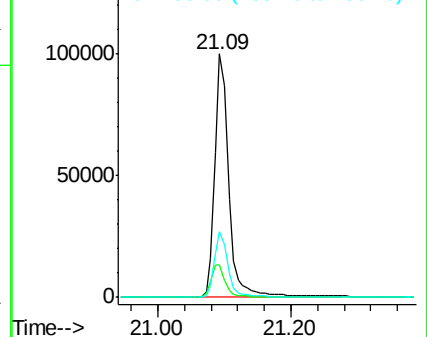
236 27.2 21.0 31.4



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: 5.50 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

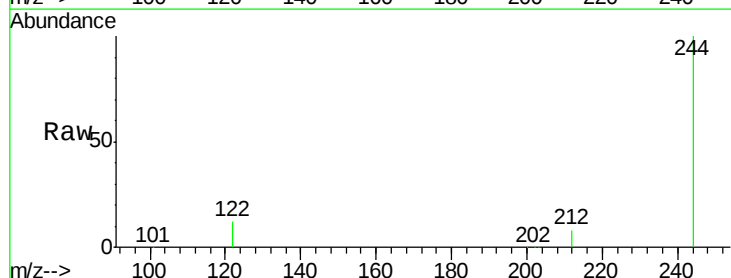
Tgt Ion:244 Resp: 117030

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

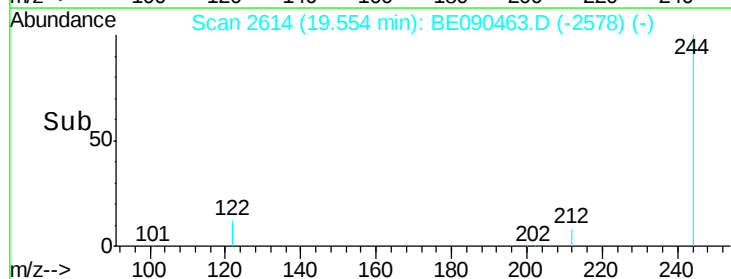
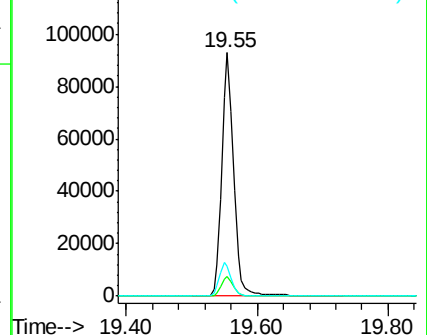
122 12.1 10.2 15.4

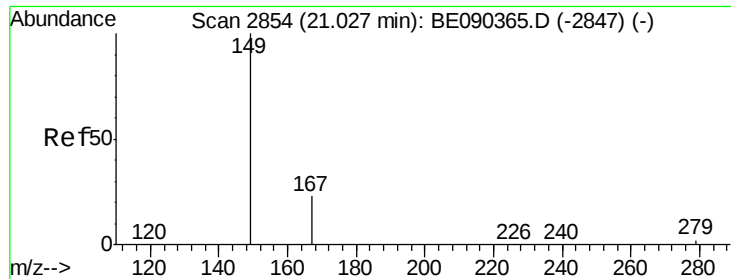


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA_E

ClientSampleId :

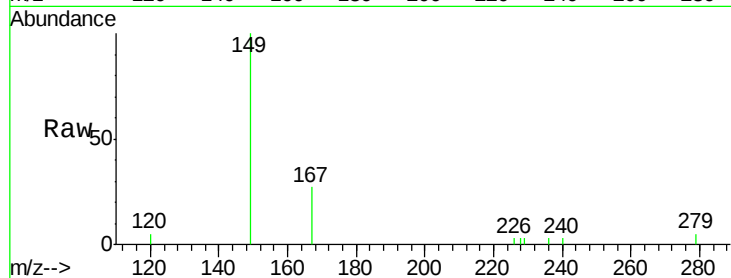
Tot Ion:149 Resp: 2194

Ion Ratio Lower Upper

149 100

167 23.3 19.8 29.8

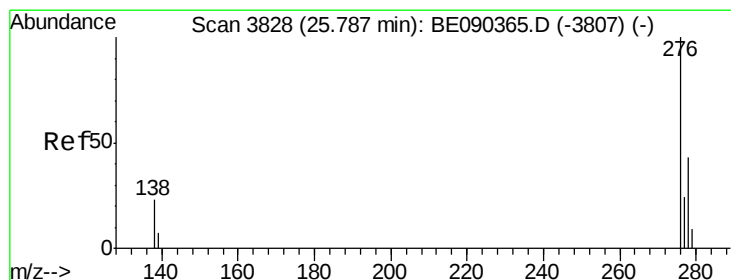
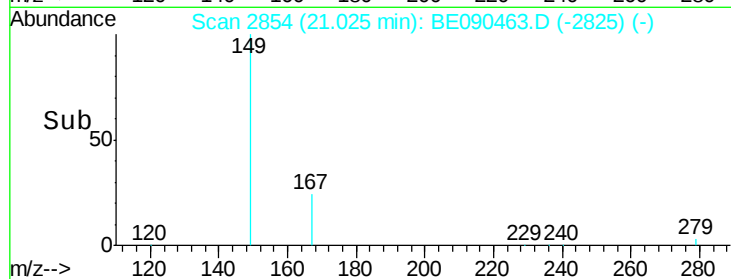
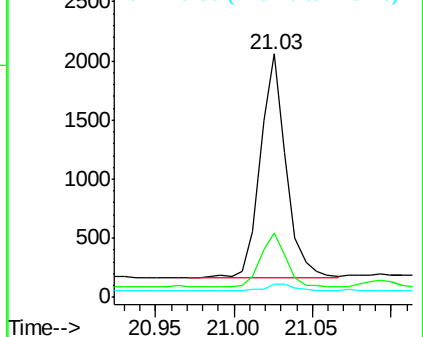
279 3.3 2.4 3.6



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: 0.26 ng

RT: 25.78 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

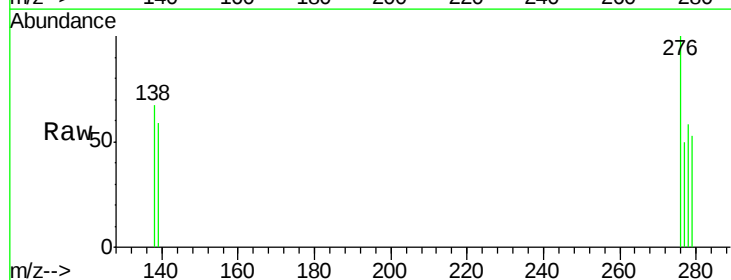
Tgt Ion:276 Resp: 143

Ion Ratio Lower Upper

276 100

138 66.4 18.8 28.2#

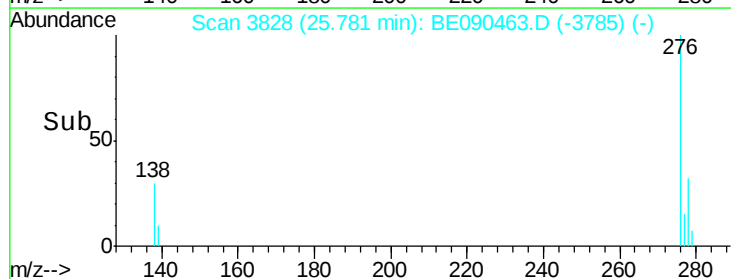
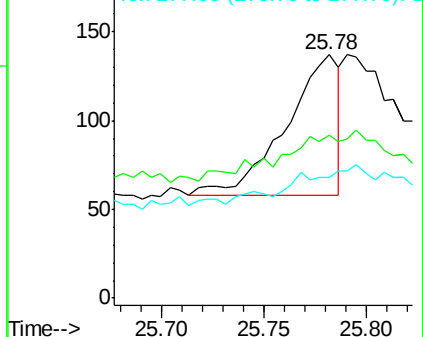
277 4.9 18.2 27.4#

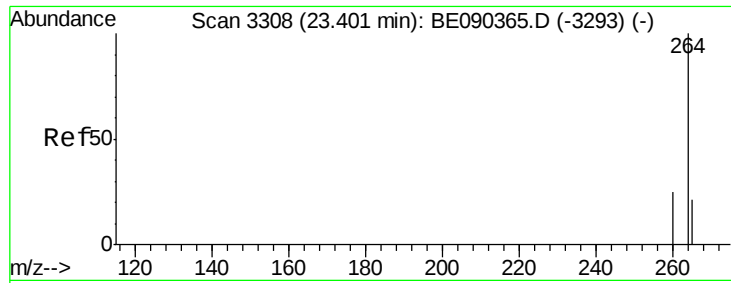


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

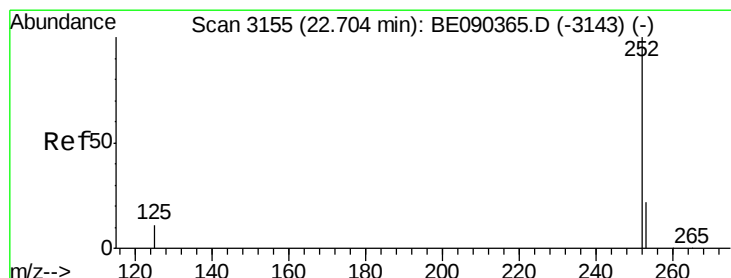
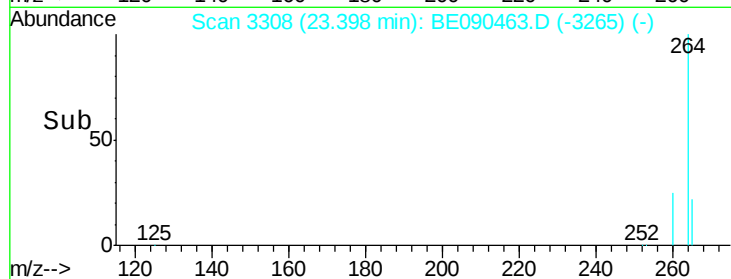
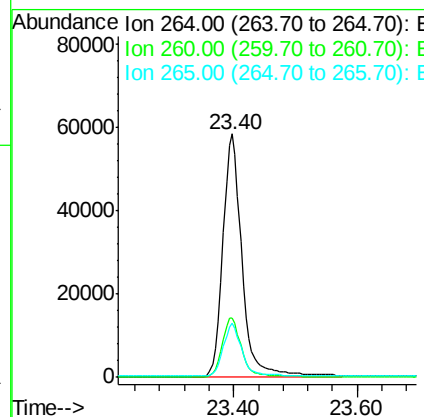
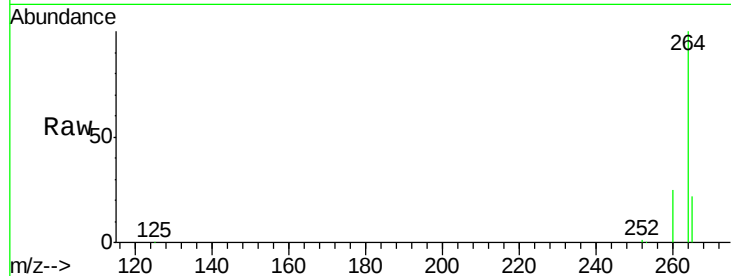




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090463.D
Acq: 12 Aug 2015 12:30

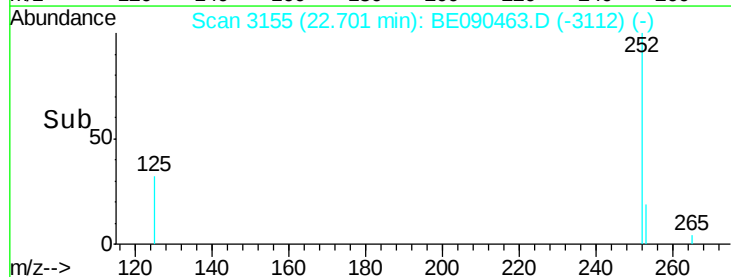
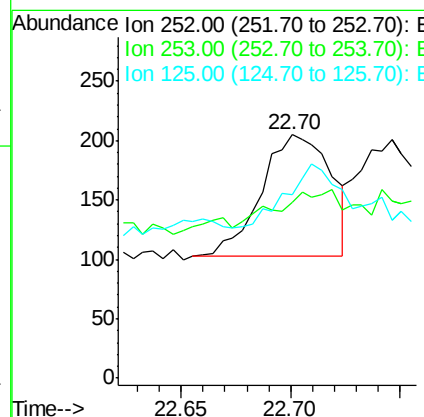
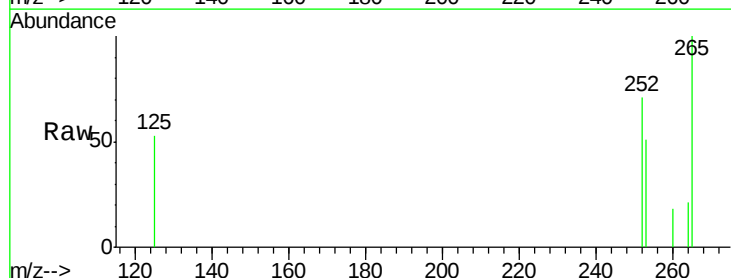
Instrument :
BNA_E
ClientSampleId :

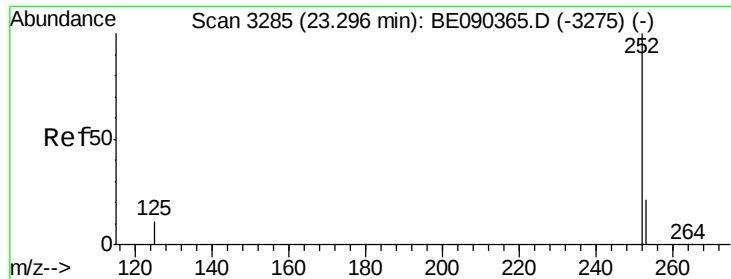
Tot Ion:264 Resp: 127178
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 22.1 17.2 25.8



#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.70 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE090463.D
Acq: 12 Aug 2015 12:30

Tgt Ion:252 Resp: 225
Ion Ratio Lower Upper
252 100
253 72.2 18.1 27.1#
125 75.1 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA_E

ClientSampleId :

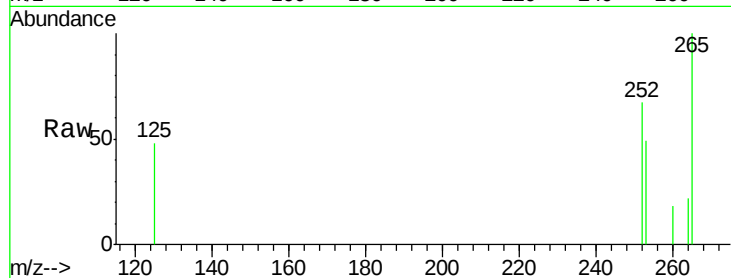
Tot Ion:252 Resp: 211

Ion Ratio Lower Upper

252 100

253 73.3 17.6 26.4#

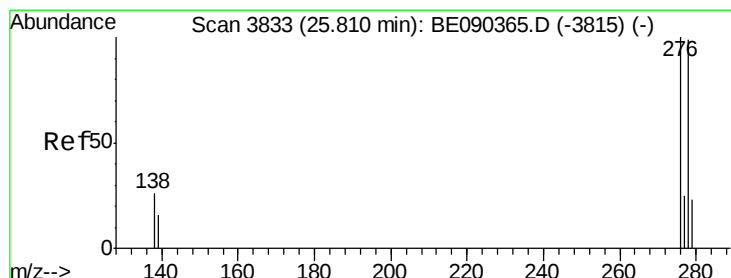
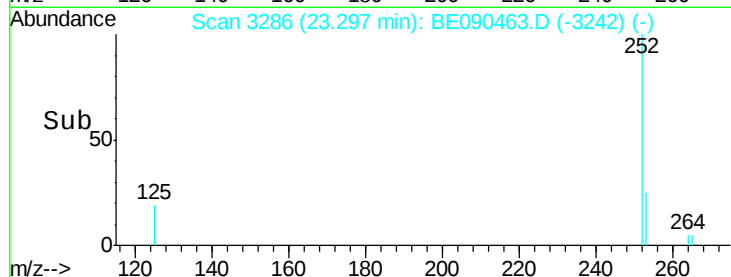
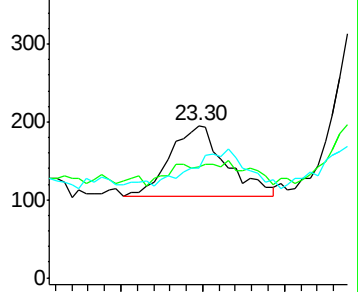
125 71.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.81 min Scan# 3835

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

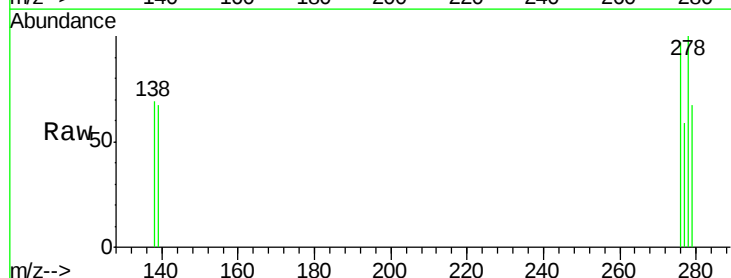
Tgt Ion:278 Resp: 232

Ion Ratio Lower Upper

278 100

139 67.2 14.2 21.4#

279 67.2 20.1 30.1#



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

