

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090432.D
 Acq On : 11 Aug 2015 17:33
 Operator : UM/IZ
 Sample : PB84961BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BSD

Quant Time: Aug 12 04:14:11 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

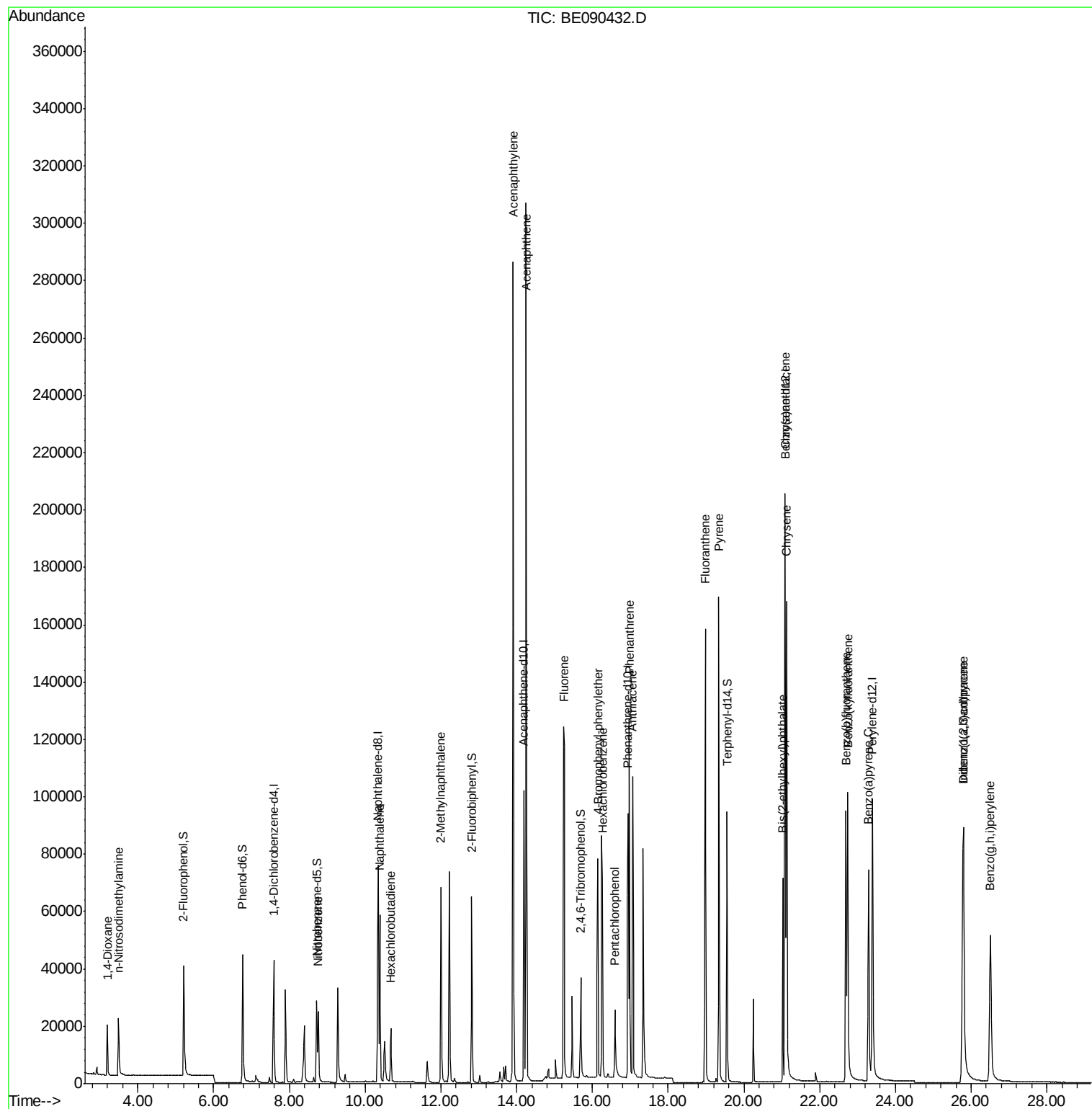
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21858	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	102517	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	59568	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	138640	5.00	ng	0.00
25) Chrysene-d12	21.09	240	165302	5.00	ng	0.00
32) Perylene-d12	23.40	264	144113	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	35007	10.67	ng	0.00
5) Phenol-d6	6.76	99	56057	7.88	ng	-0.01
7) Nitrobenzene-d5	8.72	82	27928	3.41	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	16010	8.52	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	62882	3.84	ng	0.00
27) Terphenyl-d14	19.55	244	100028	4.11	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	9983	3.85	ng	98
3) n-Nitrosodimethylamine	3.49	42	12806	3.79	ng	# 82
8) Nitrobenzene	8.76	77	30555	3.49	ng	97
9) Naphthalene	10.38	128	80389	3.55	ng	98
10) Hexachlorobutadiene	10.68	225	13377	3.89	ng	99
11) 2-Methylnaphthalene	12.01	142	53918	4.11	ng	96
15) Acenaphthylene	13.91	152	381484	3.95	ng	100
16) Acenaphthene	14.26	154	56069	3.74	ng	89
17) Fluorene	15.26	166	75583	3.88	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	21305	3.95	ng	94
20) Hexachlorobenzene	16.26	284	94031	3.38	ng	99
21) Pentachlorophenol	16.60	266	15151	7.27	ng	90
22) Phenanthrene	16.98	178	130960	3.77	ng	100
23) Anthracene	17.07	178	124240	4.36	ng	100
24) Fluoranthene	18.98	202	146245	4.28	ng	99
26) Pyrene	19.34	202	159255	4.44	ng	99
28) Benzo(a)anthracene	21.08	228	149757	4.09	ng	99
29) Chrysene	21.13	228	159626	3.60	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	57276	4.50	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	133511	3.42	ng	95
33) Benzo(b)fluoranthene	22.70	252	125744	3.90	ng	99
34) Benzo(k)fluoranthene	22.74	252	145615	3.63	ng	99
35) Benzo(a)pyrene	23.29	252	117090	3.86	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	106070	3.60	ng	97
37) Benzo(g,h,i)perylene	26.51	276	117589	4.42	ng	98

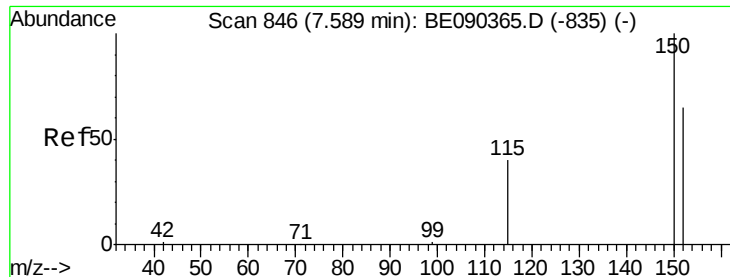
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

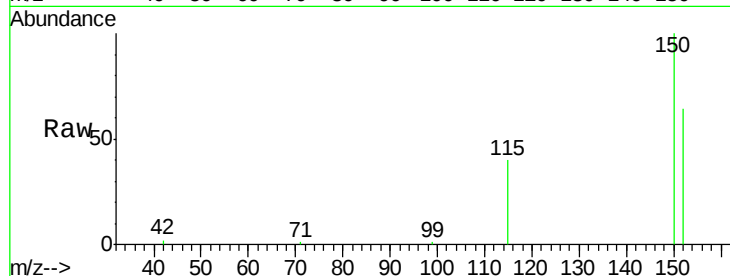
Tgt Ion:152 Resp: 21858

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

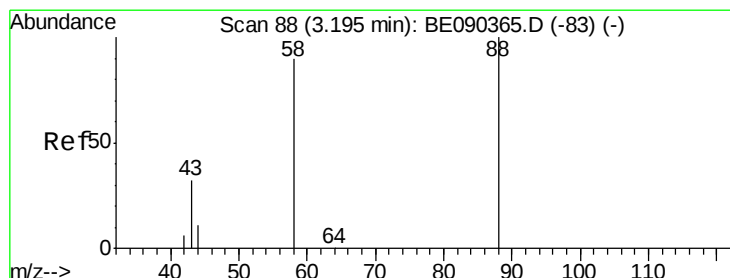
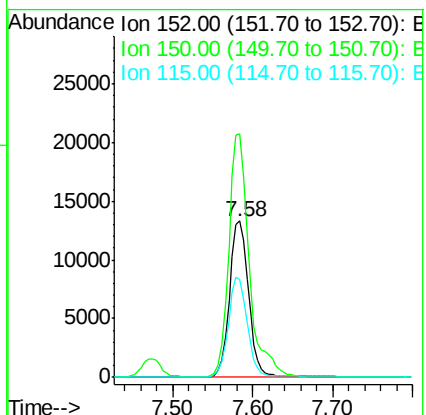
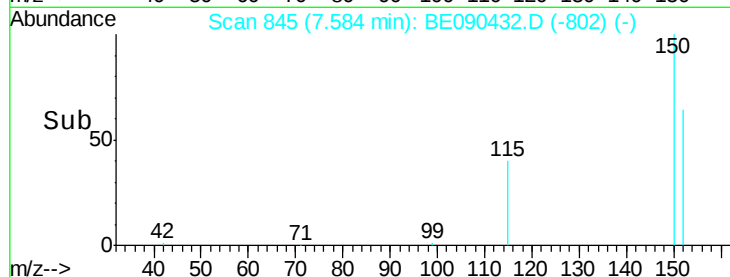
115 62.8 48.9 73.3



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



#2

1,4-Dioxane

Concen: 3.85 ng

RT: 3.19 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

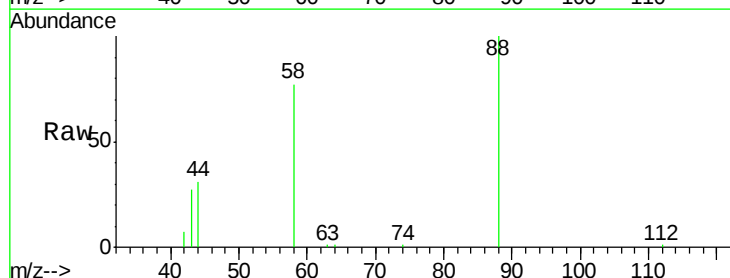
Tgt Ion: 88 Resp: 9983

Ion Ratio Lower Upper

88 100

58 87.0 70.0 105.0

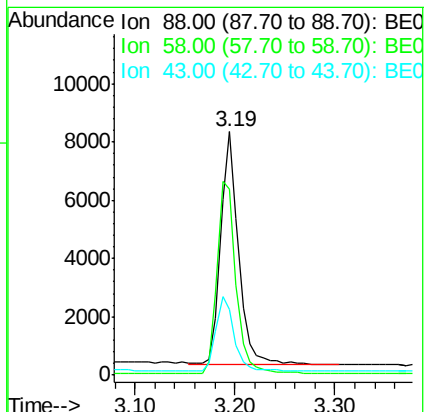
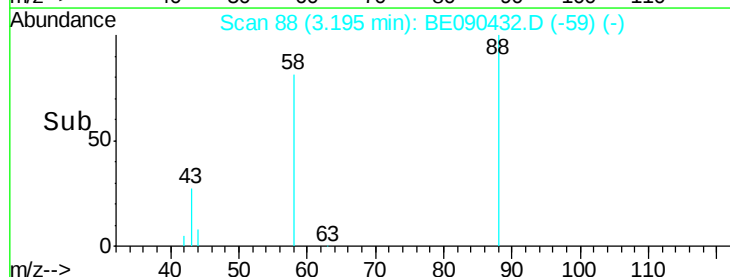
43 32.0 28.4 42.6

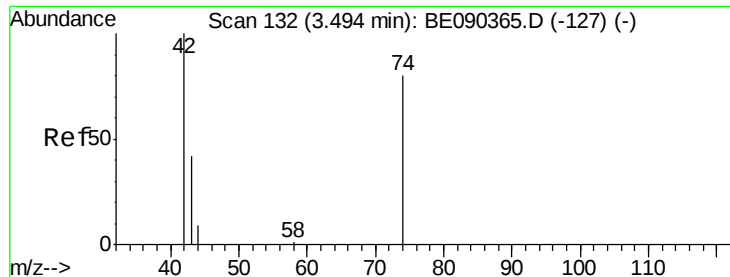


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



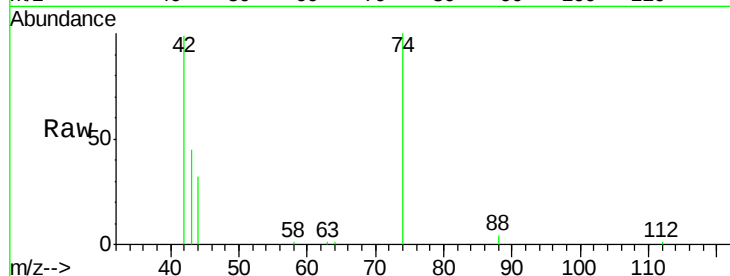


#3

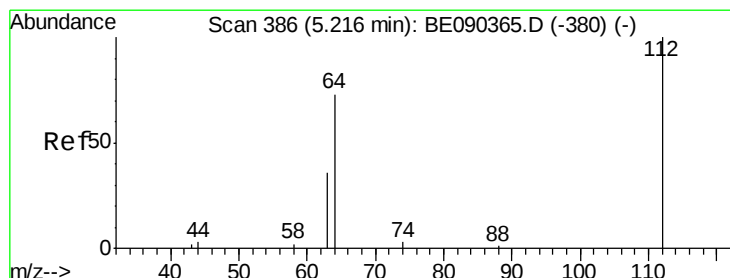
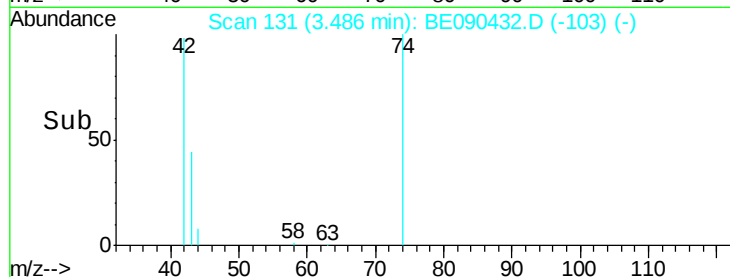
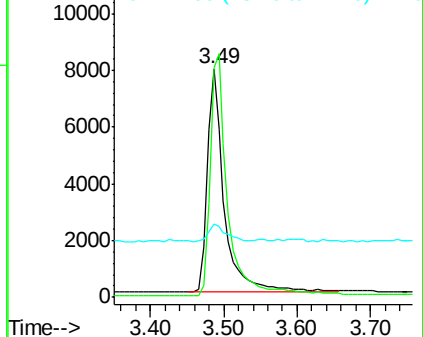
n-Nitrosodimethylamine
 Concen: 3.79 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

Instrument :
 BNA_E
 ClientSampleId :
 PB84961BSD

Tgt Ion: 42 Resp: 12806
 Ion Ratio Lower Upper
 42 100
 74 112.4 75.2 112.8
 44 8.4 8.7 13.1#



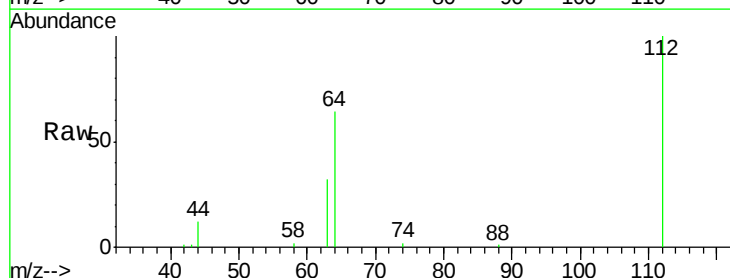
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



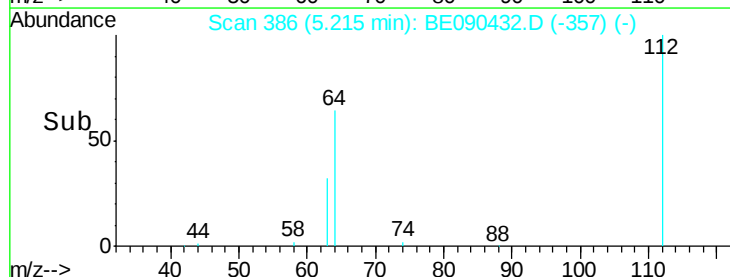
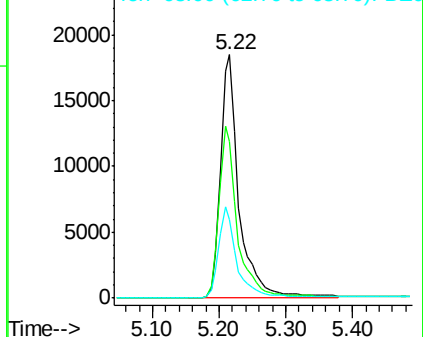
#4

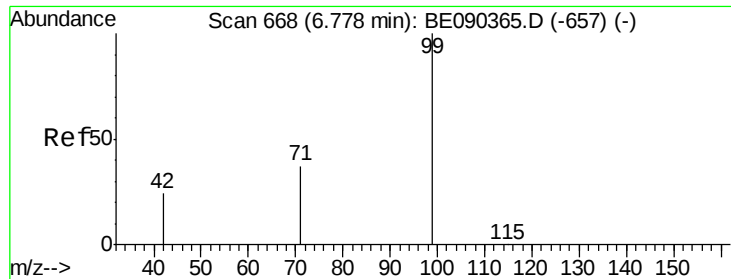
2-Fluorophenol
 Concen: 10.67 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

Tgt Ion: 112 Resp: 35007
 Ion Ratio Lower Upper
 112 100
 64 70.4 37.1 55.7#
 63 36.4 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: 7.88 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

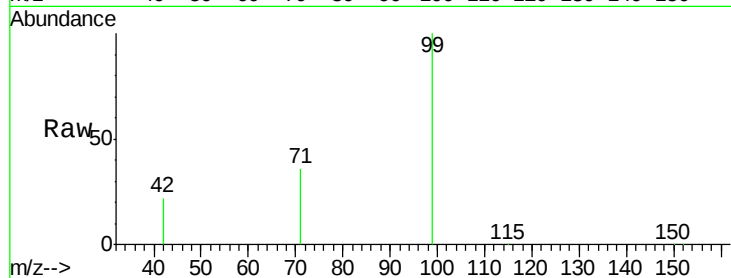
Tgt Ion: 99 Resp: 56057

Ion Ratio Lower Upper

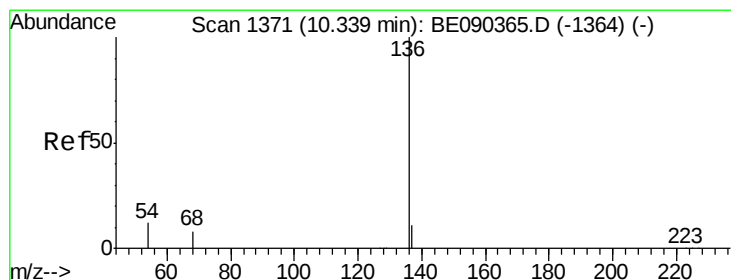
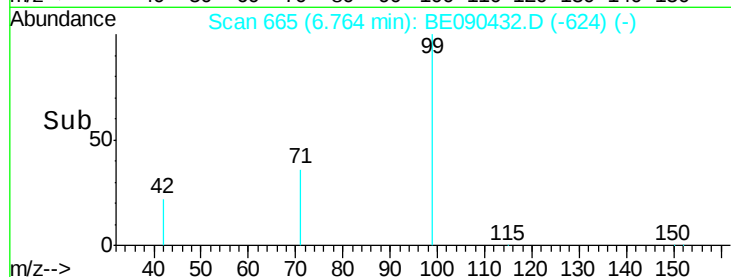
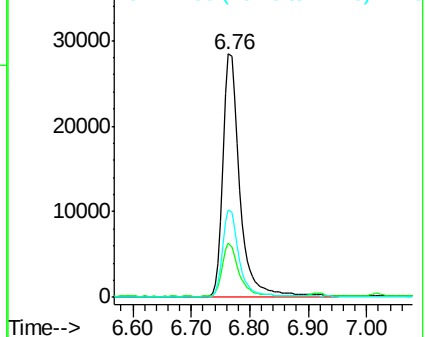
99 100

42 21.9 18.2 27.4

71 35.4 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: BE090432.D

Acq: 11 Aug 2015 17:33

Tgt Ion: 136 Resp: 102517

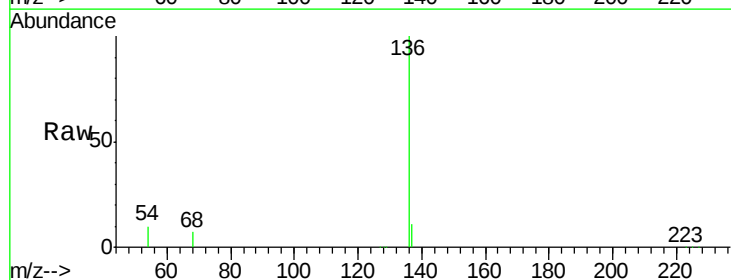
Ion Ratio Lower Upper

136 100

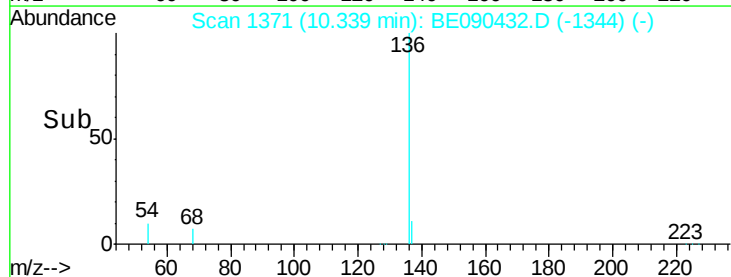
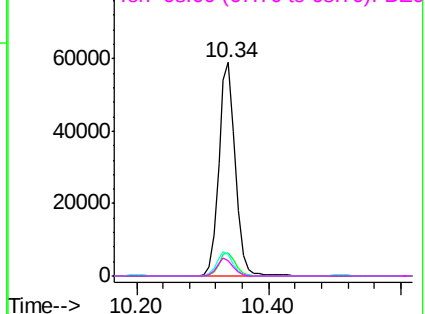
137 11.0 8.7 13.1

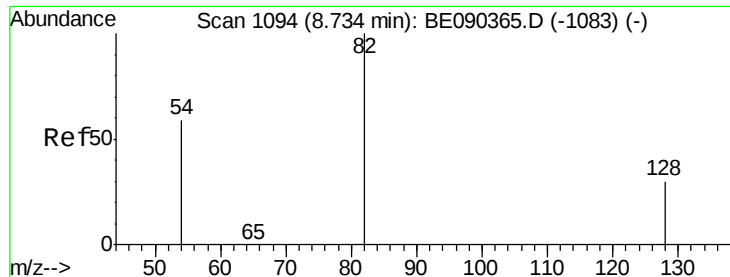
54 10.1 9.4 14.0

68 7.5 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: 3.41 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

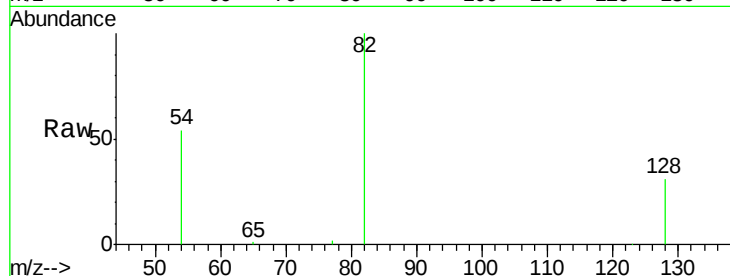
Tgt Ion: 82 Resp: 27928

Ion Ratio Lower Upper

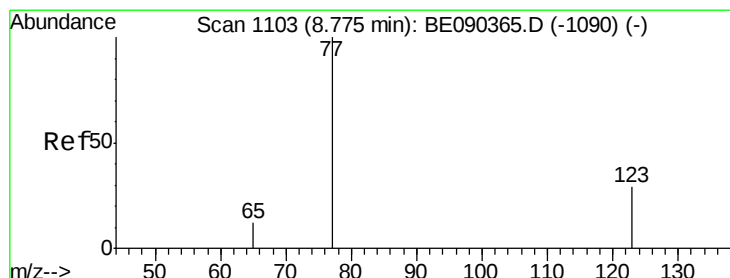
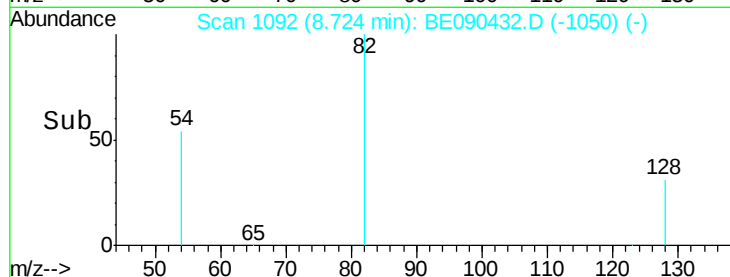
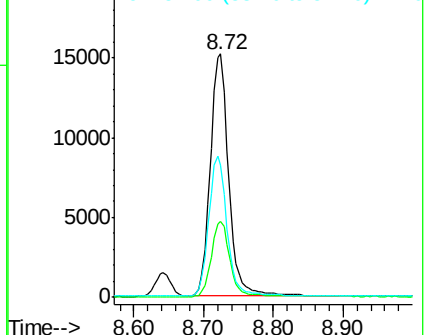
82 100

128 31.3 25.0 37.6

54 54.5 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

Nitrobenzene

Concen: 3.49 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

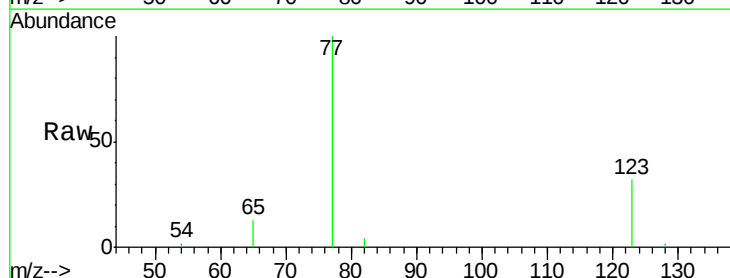
Tgt Ion: 77 Resp: 30555

Ion Ratio Lower Upper

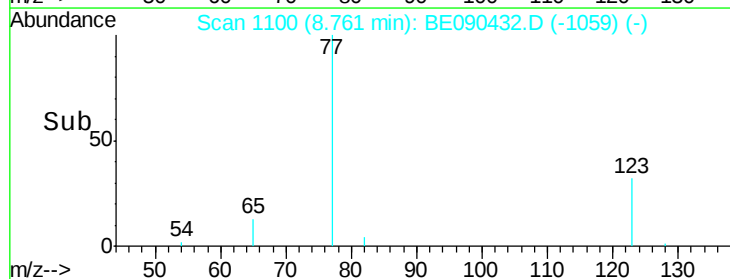
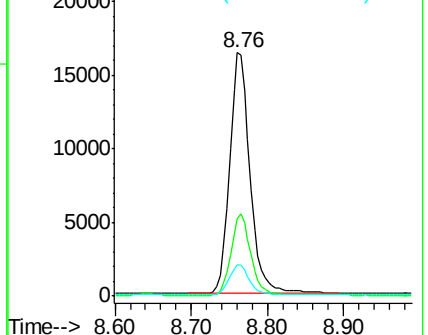
77 100

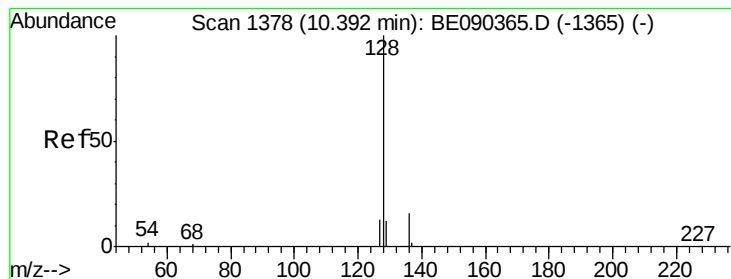
123 33.2 25.1 37.7

65 12.6 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





#9

Naphthalene

Concen: 3.55 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

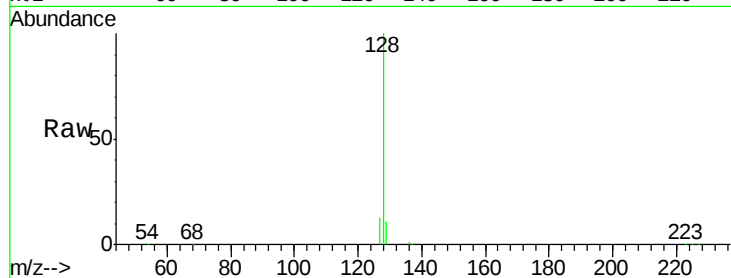
Tgt Ion:128 Resp: 80389

Ion Ratio Lower Upper

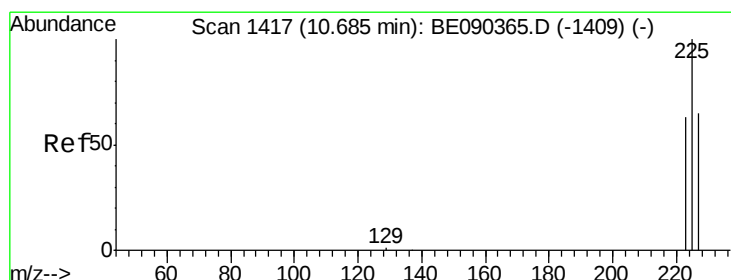
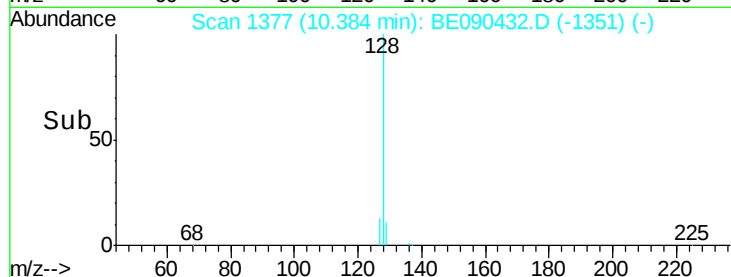
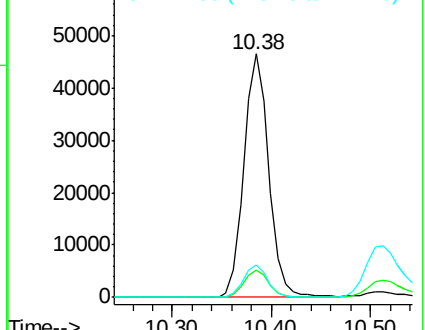
128 100

129 11.2 9.8 14.6

127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.89 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

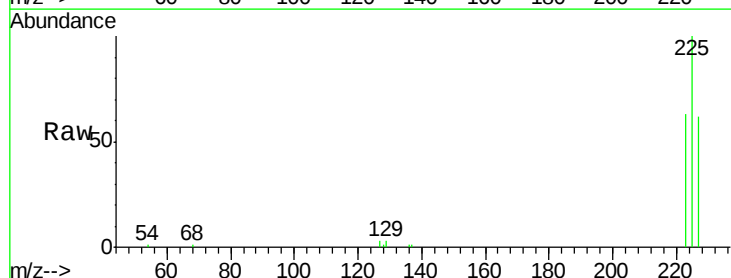
Tgt Ion:225 Resp: 13377

Ion Ratio Lower Upper

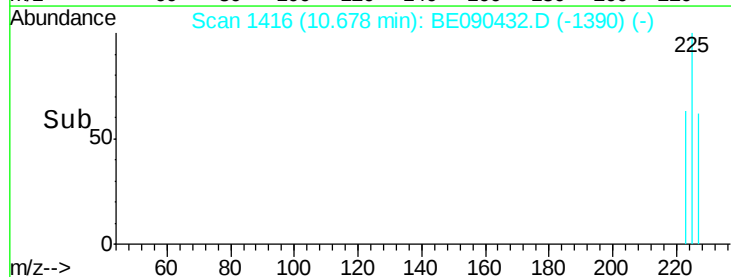
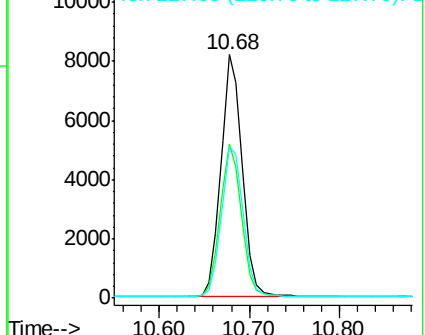
225 100

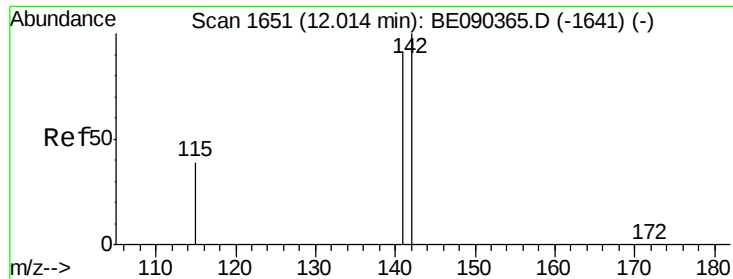
223 62.7 50.6 75.8

227 63.9 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

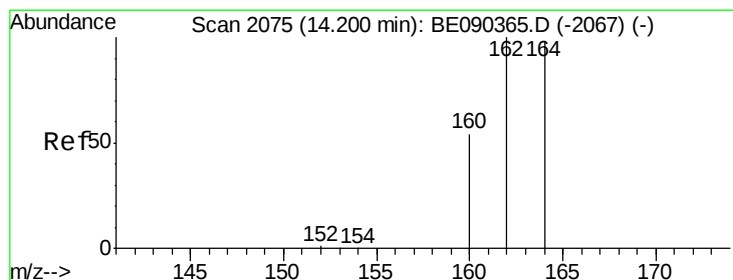
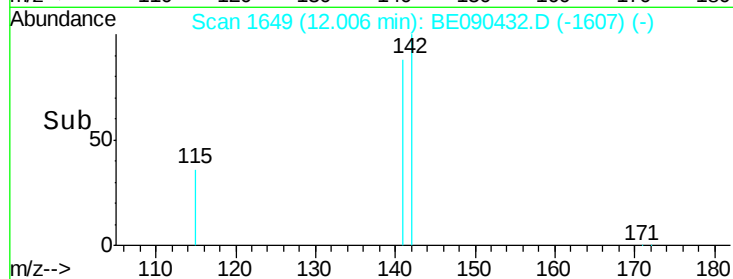
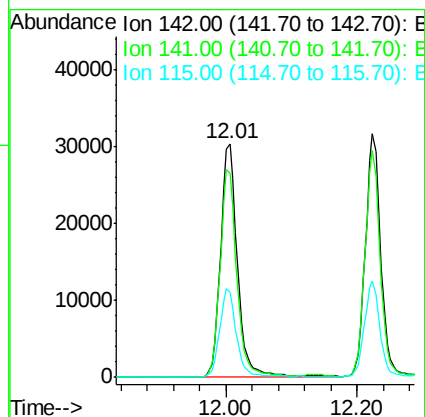
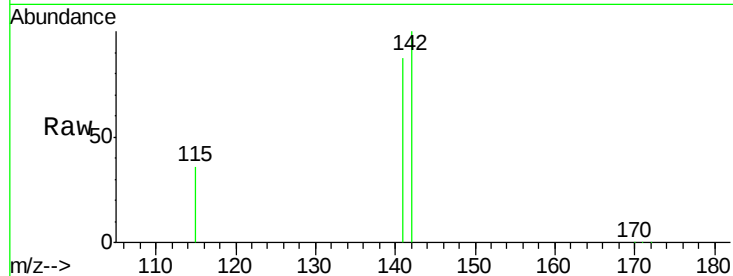




#11
2-Methylnaphthalene
Concen: 4.11 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

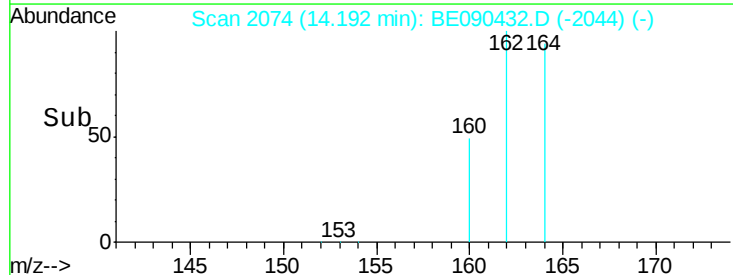
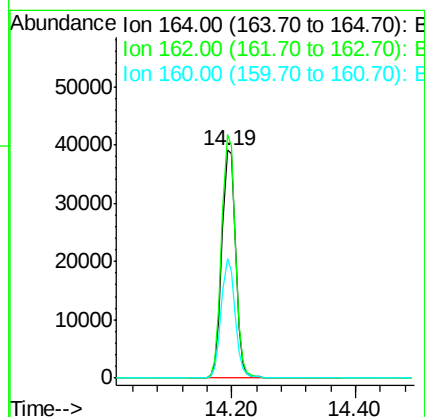
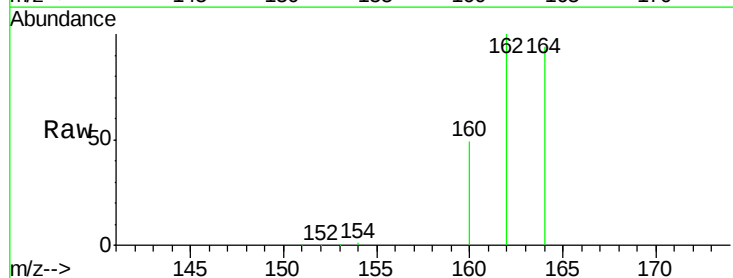
Instrument :
BNA_E
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PB84961BSD

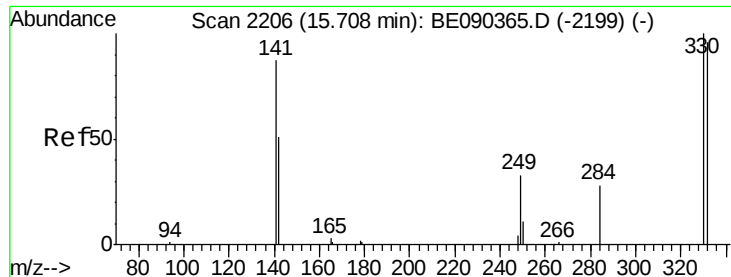
Tgt Ion:142 Resp: 53918
Ion Ratio Lower Upper
142 100
141 87.4 72.6 109.0
115 36.4 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:164 Resp: 59568
Ion Ratio Lower Upper
164 100
162 106.9 81.8 122.8
160 52.2 44.2 66.4

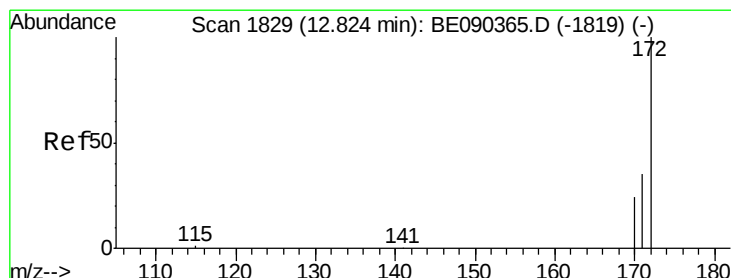
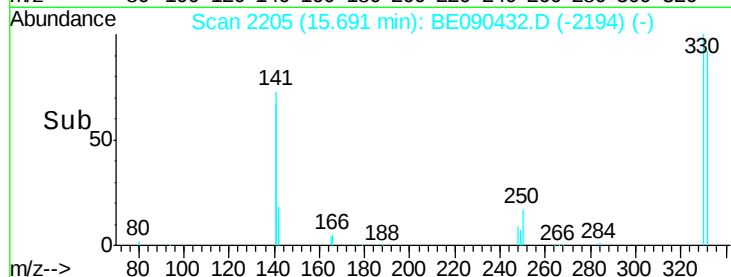
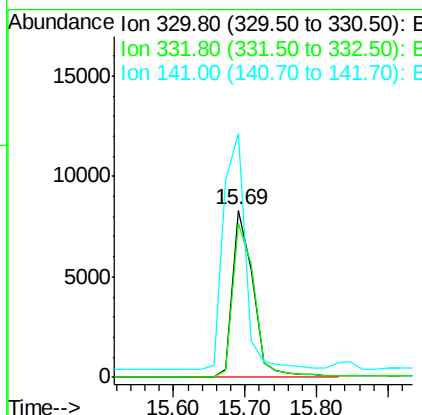
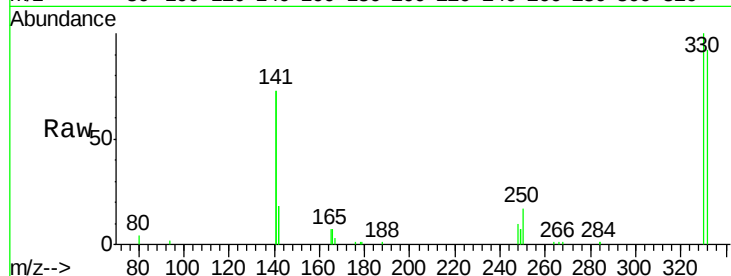




#13
 2,4,6-Tribromophenol
 Concen: 8.52 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

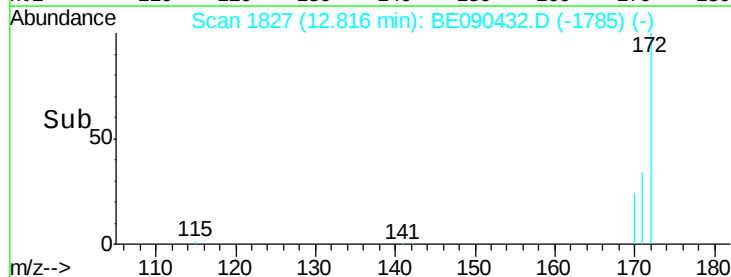
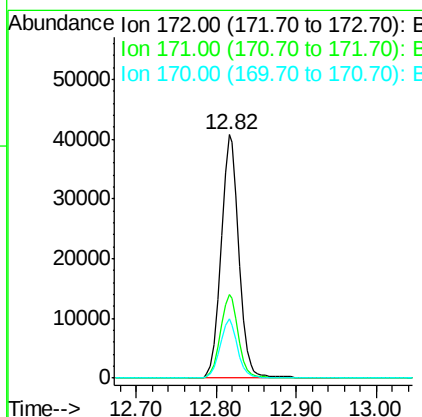
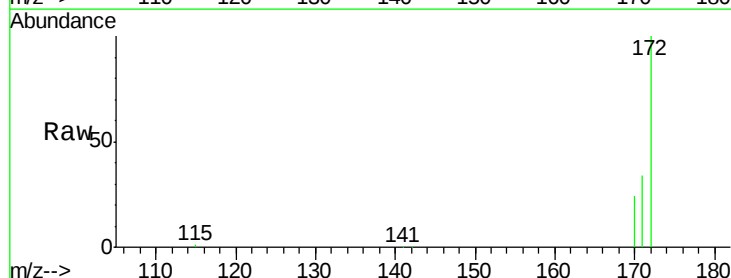
Instrument :
 BNA_E
 ClientSampleId :
 PB84961BSD

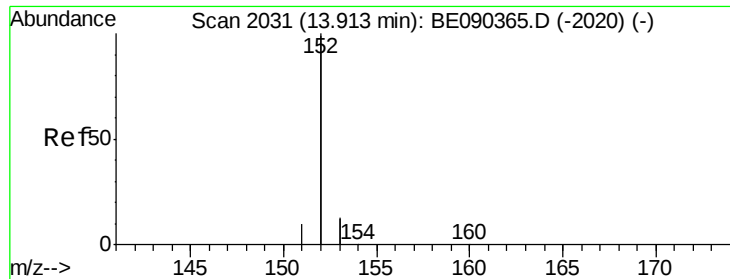
Tgt Ion:330 Resp: 16010
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 157.8 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.84 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

Tgt Ion:172 Resp: 62882
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 24.2 19.8 29.8





#15

Acenaphthylene

Concen: 3.95 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

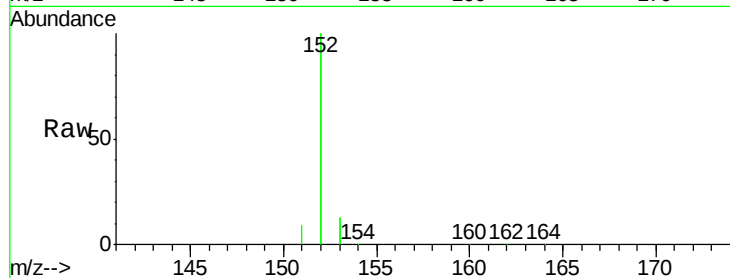
Tgt Ion:152 Resp: 381484

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

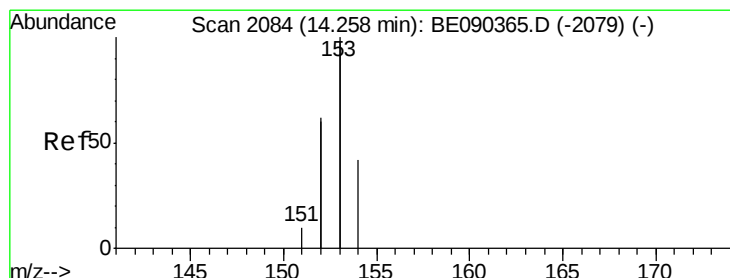
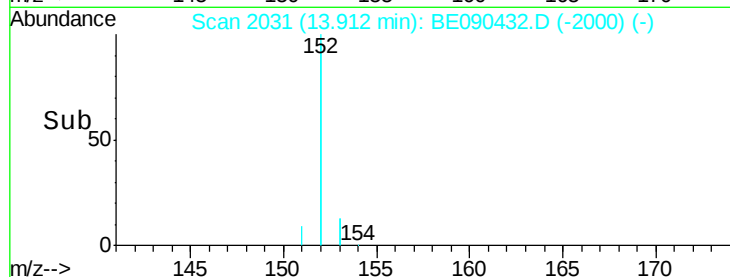
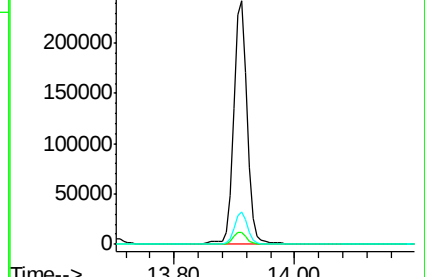
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.74 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

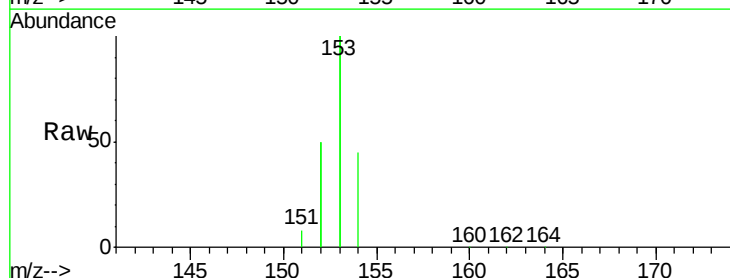
Tgt Ion:154 Resp: 56069

Ion Ratio Lower Upper

154 100

153 462.2 376.2 564.2

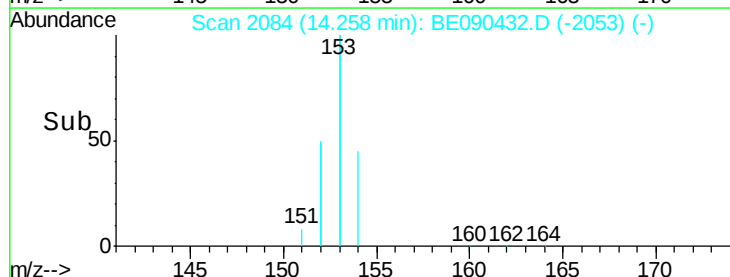
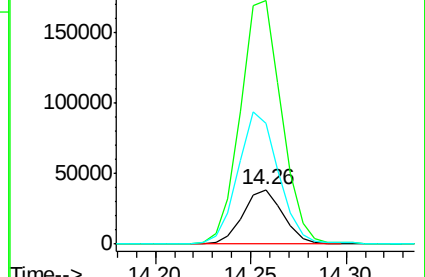
152 246.3 235.0 352.4

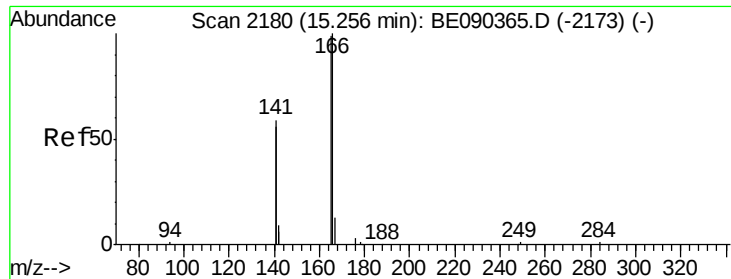


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

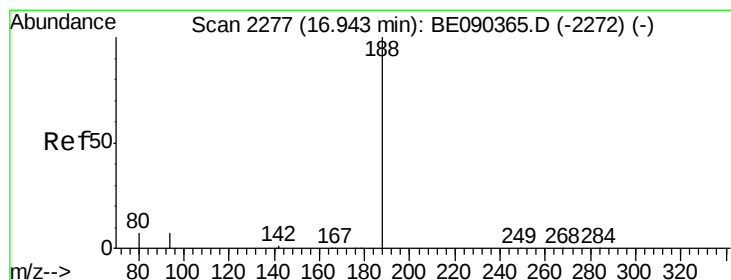
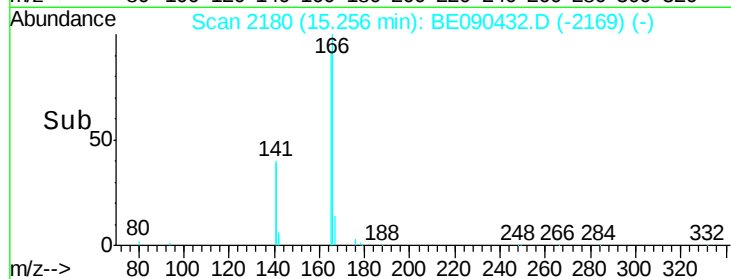
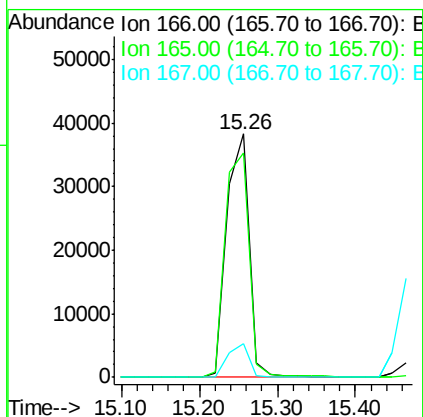
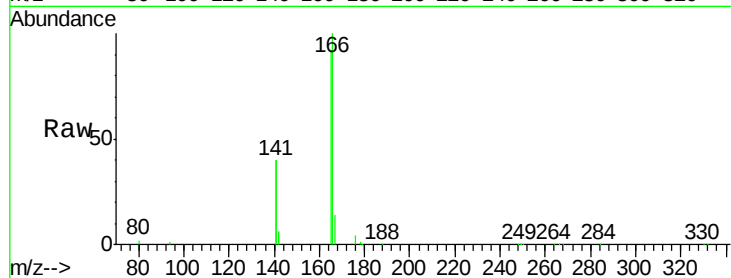




#17
Fluorene
 Concen: 3.88 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

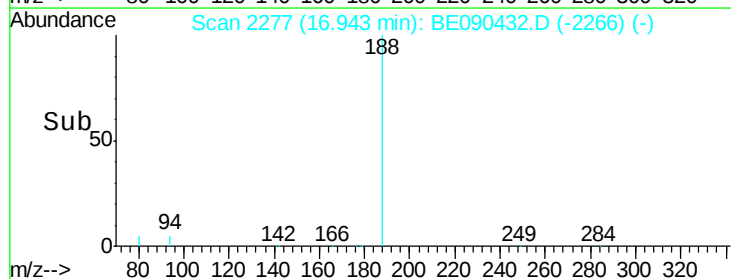
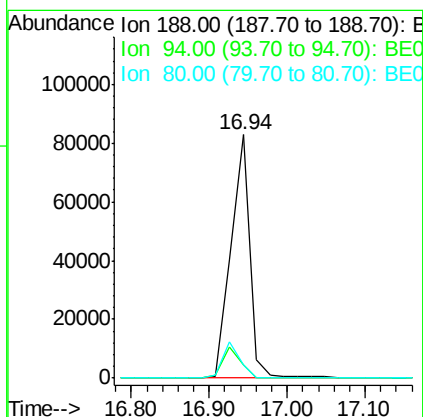
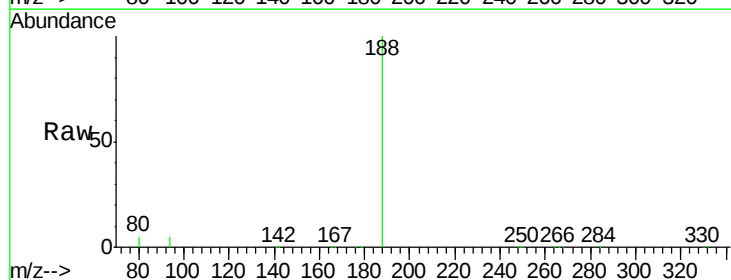
Instrument :
 BNA_E
 ClientSampleId :
 PB84961BSD

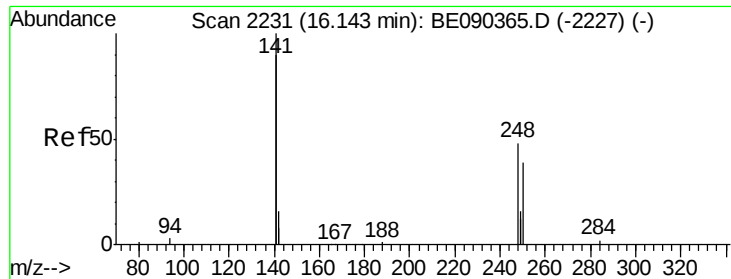
Tgt Ion:166 Resp: 75583
 Ion Ratio Lower Upper
 166 100
 165 98.5 81.5 122.3
 167 13.3 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

Tgt Ion:188 Resp: 138640
 Ion Ratio Lower Upper
 188 100
 94 5.3 5.7 8.5#
 80 5.4 5.8 8.8#

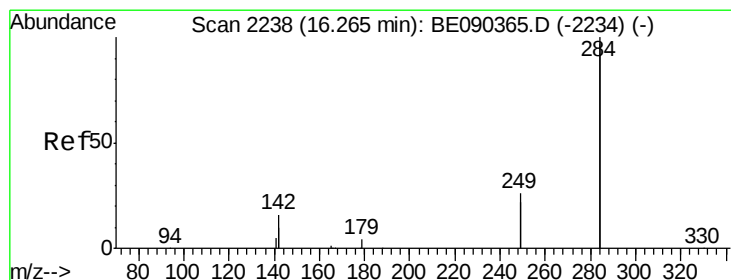
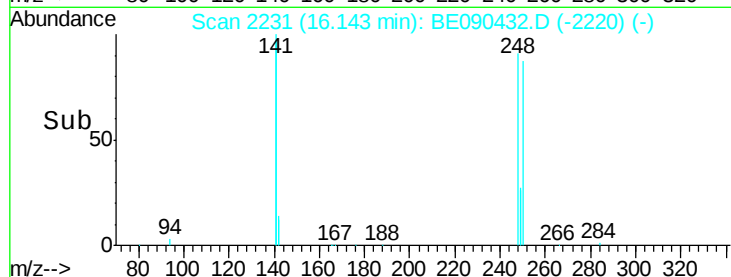
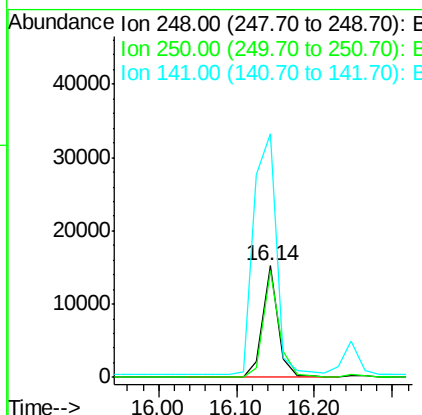
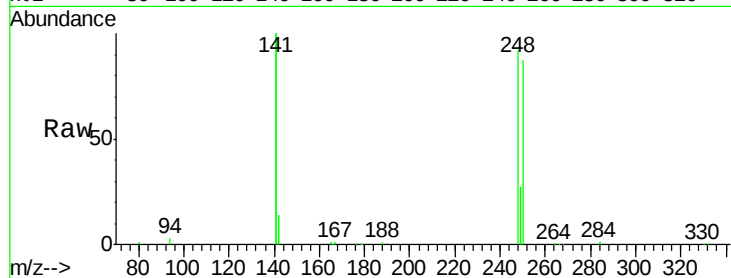




#19
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

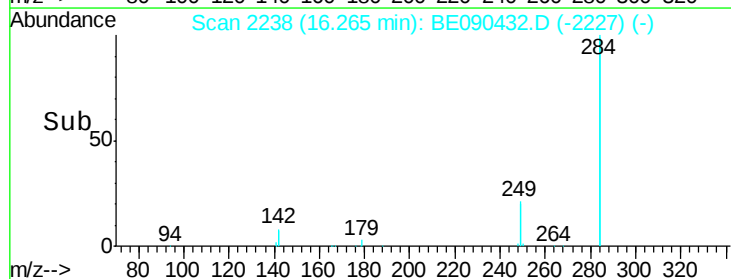
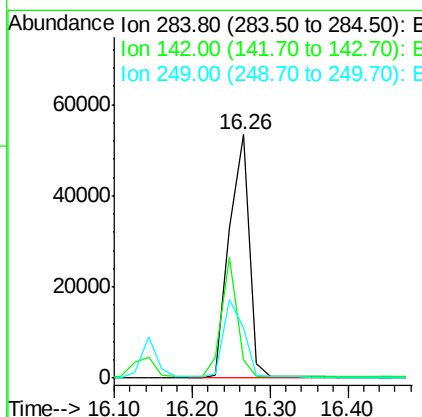
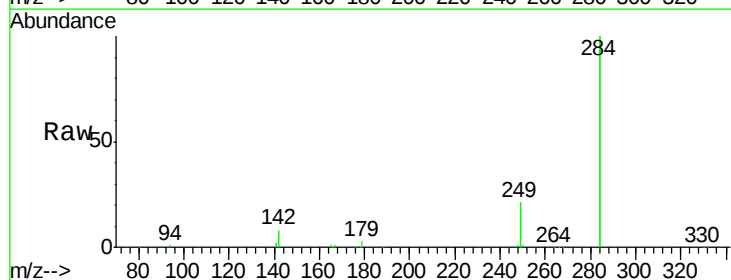
Instrument :
BNA_E
ClientSampleId :
PB84961BSD

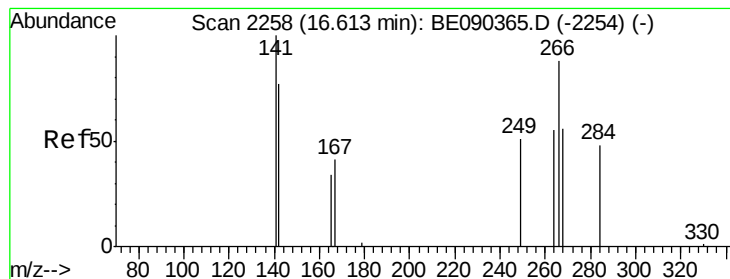
Tgt Ion:248 Resp: 21305
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.6
141 312.6 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.38 ng
RT: 16.26 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090432.D
Acq: 11 Aug 2015 17:33

Tgt Ion:284 Resp: 94031
Ion Ratio Lower Upper
284 100
142 38.7 30.1 45.1
249 32.2 25.7 38.5





#21

Pentachlorophenol

Concen: 7.27 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

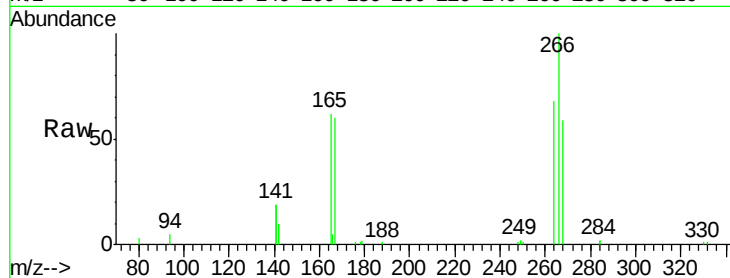
Tgt Ion:266 Resp: 15151

Ion Ratio Lower Upper

266 100

268 58.9 58.5 87.7

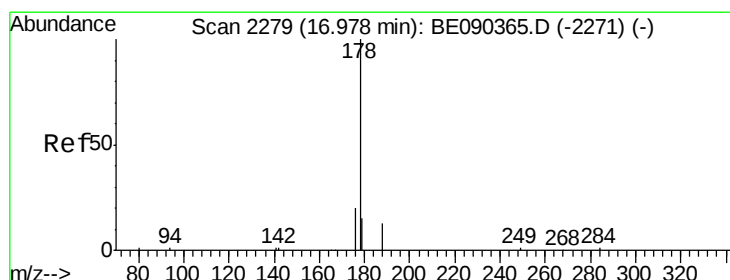
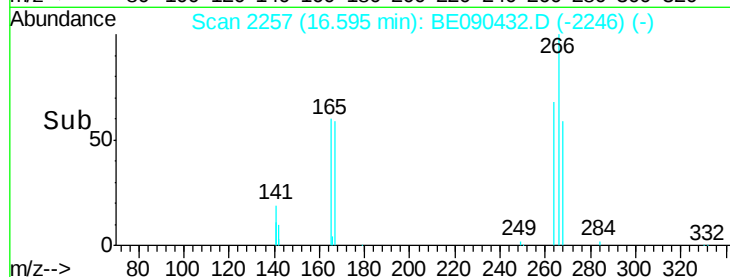
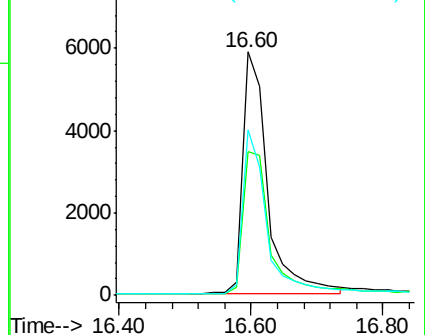
264 68.1 56.0 84.0



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



#22

Phenanthrene

Concen: 3.77 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

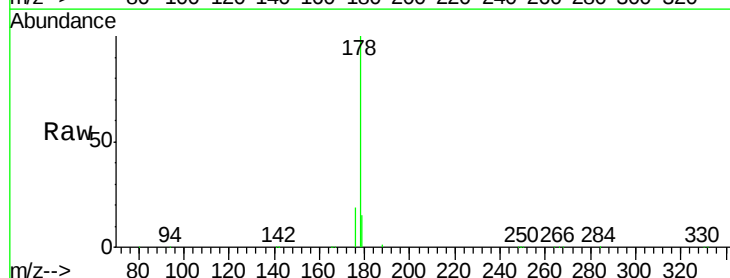
Tgt Ion:178 Resp: 130960

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

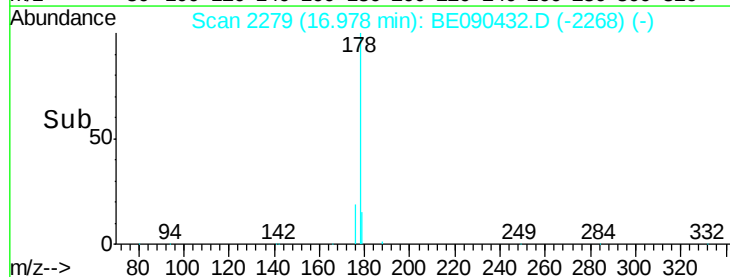
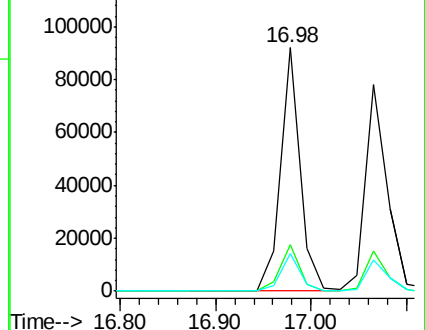
179 15.4 12.5 18.7

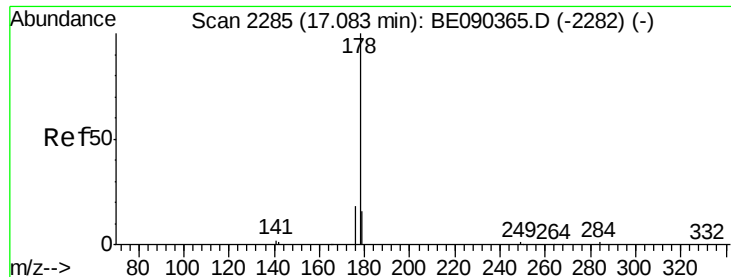


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.36 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

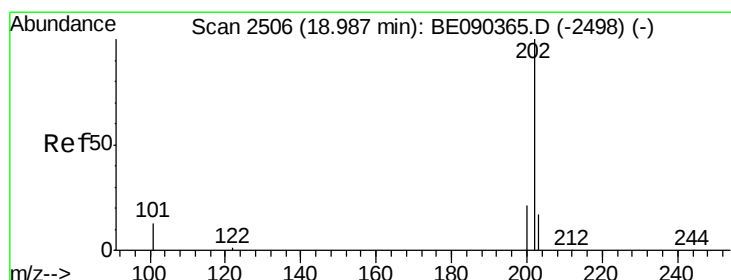
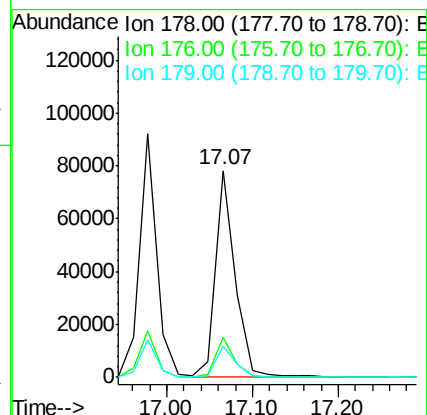
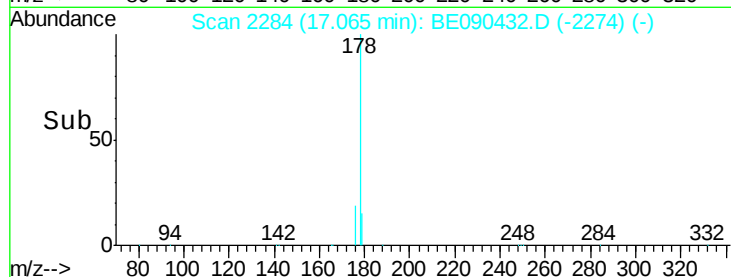
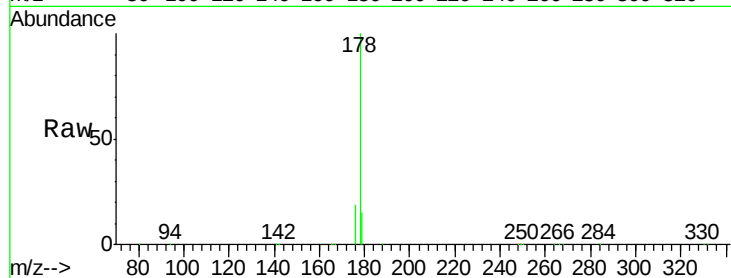
Tgt Ion:178 Resp: 124240

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 4.28 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

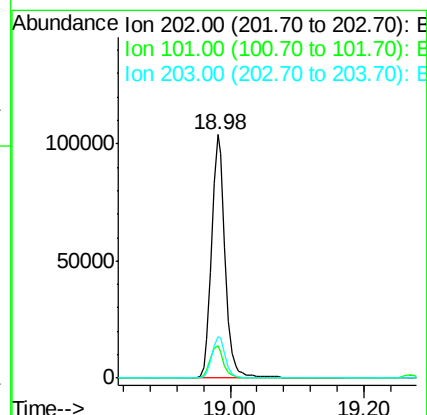
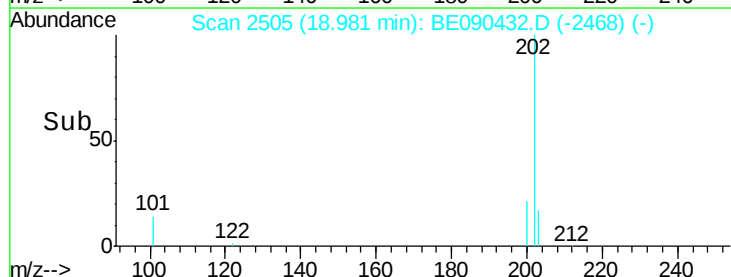
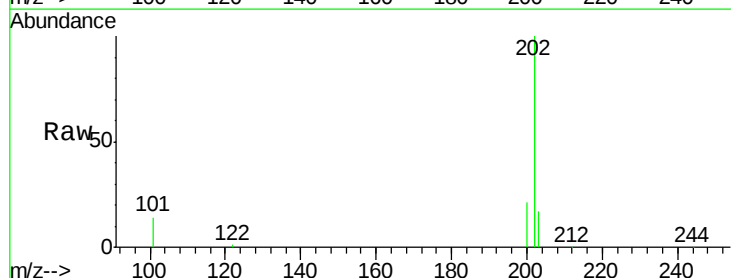
Tgt Ion:202 Resp: 146245

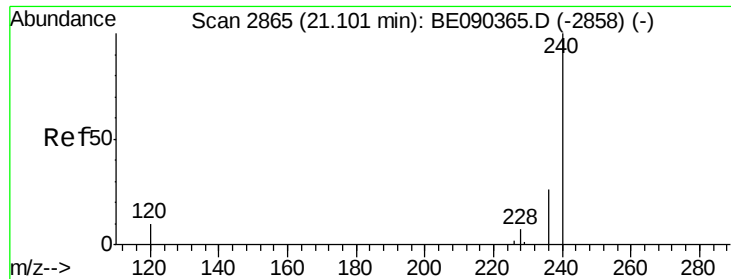
Ion Ratio Lower Upper

202 100

101 13.4 10.3 15.5

203 17.1 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

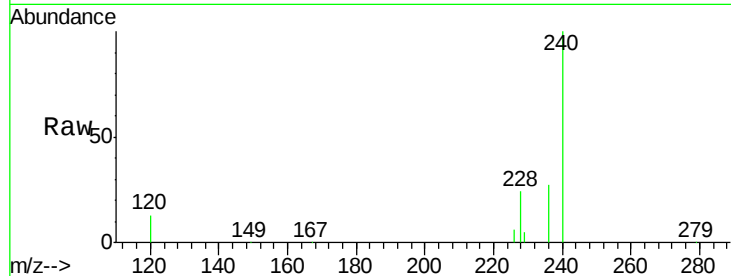
Tgt Ion:240 Resp: 165302

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

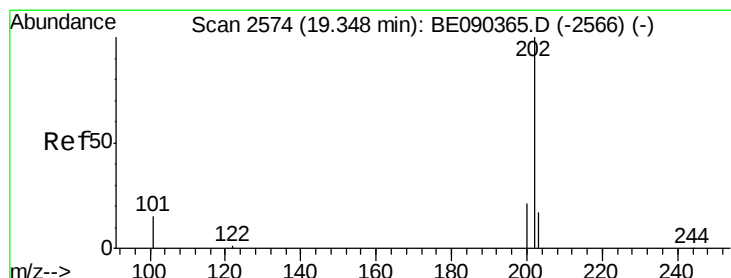
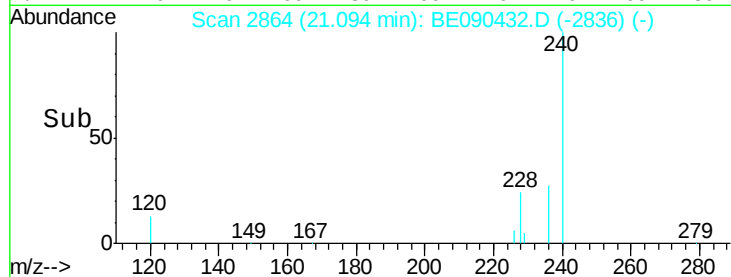
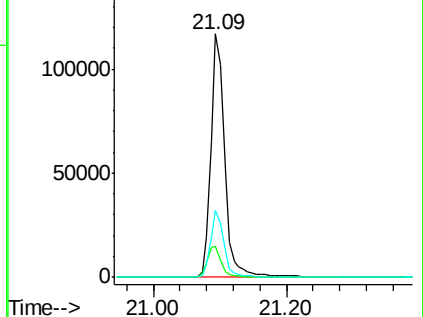
236 27.4 21.0 31.4



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



#26

Pyrene

Concen: 4.44 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

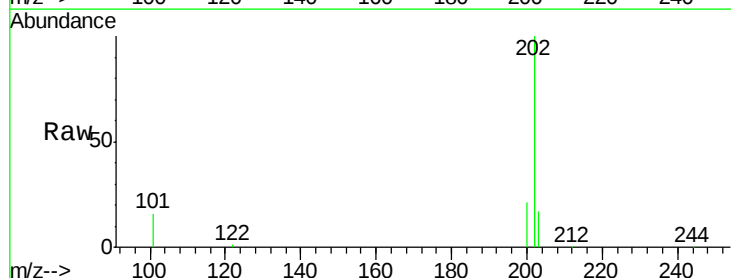
Tgt Ion:202 Resp: 159255

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

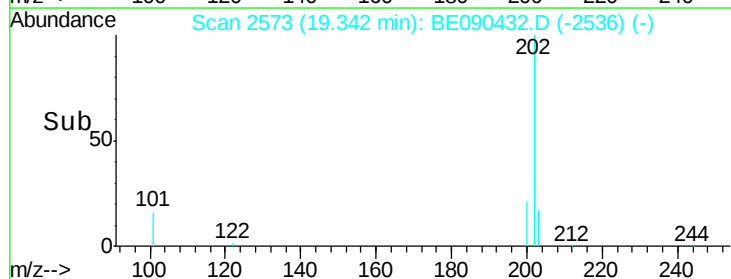
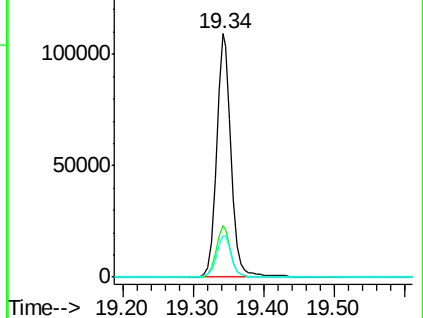
203 18.0 13.8 20.8

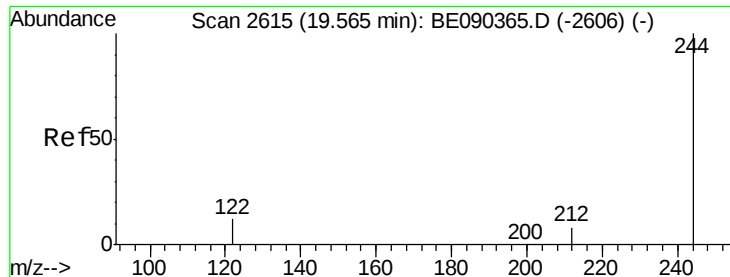


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

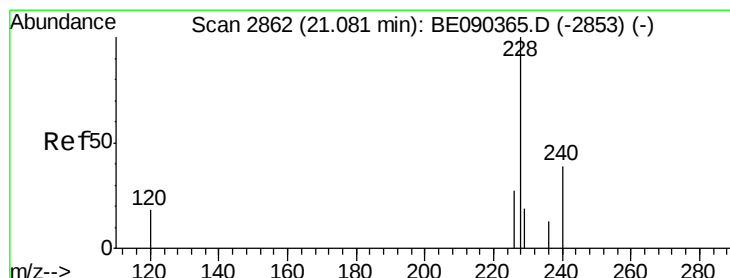
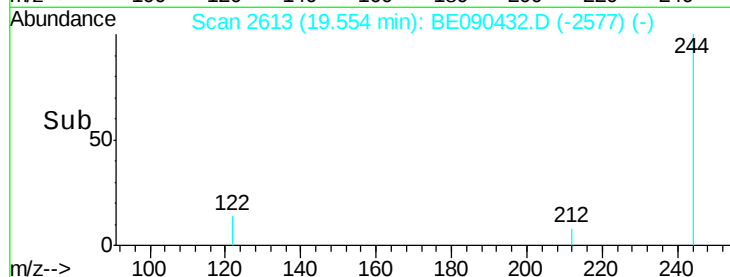
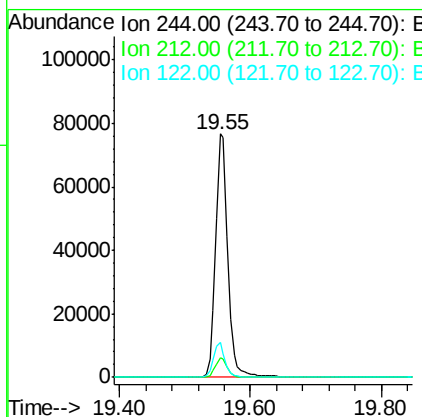
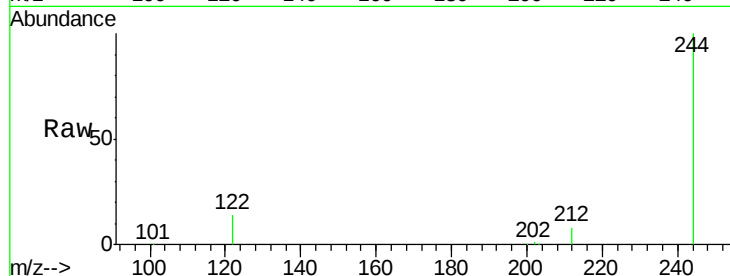




#27
 Terphenyl-d14
 Concen: 4.11 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

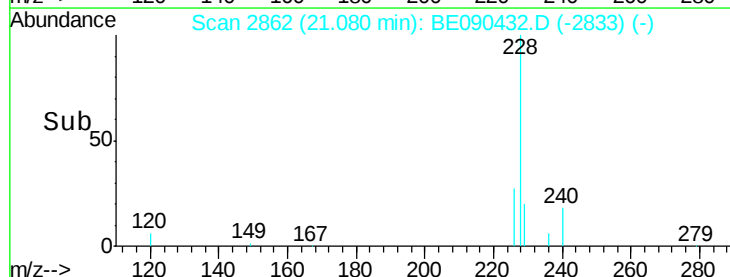
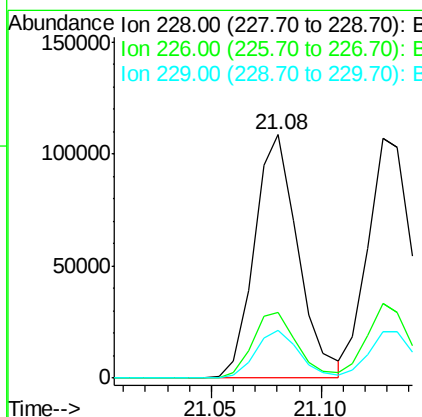
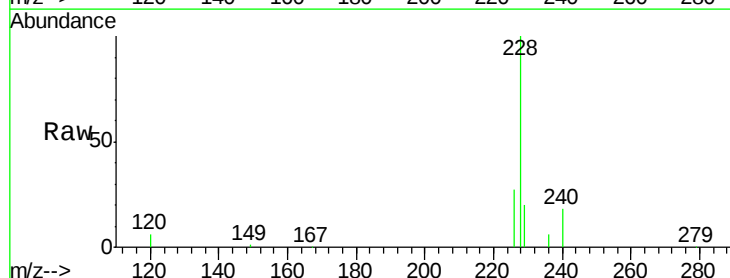
Instrument :
 BNA_E
 ClientSampleId :
 PB84961BSD

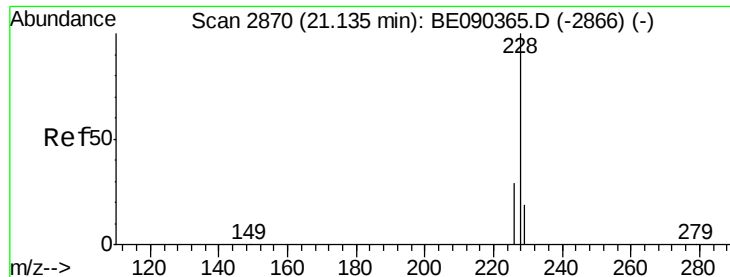
Tgt Ion: 244 Resp: 100028
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 14.4 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 4.09 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090432.D
 Acq: 11 Aug 2015 17:33

Tgt Ion: 228 Resp: 149757
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.9 32.9
 229 19.8 15.4 23.0





#29

Chrysene

Concen: 3.60 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

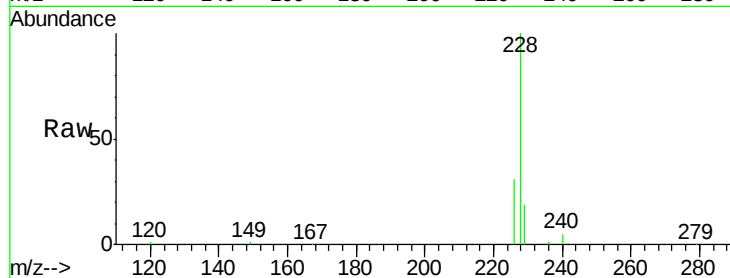
Tgt Ion:228 Resp: 159626

Ion Ratio Lower Upper

228 100

226 31.2 23.1 34.7

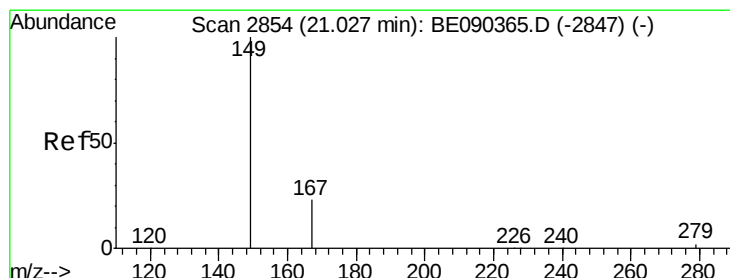
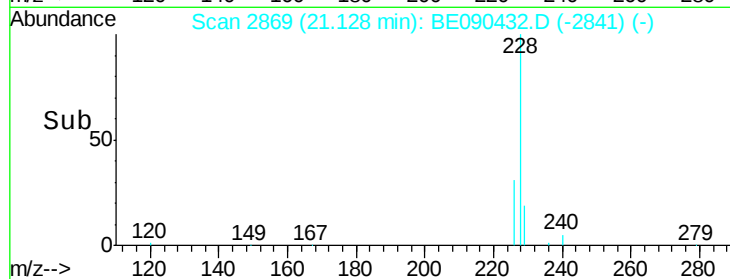
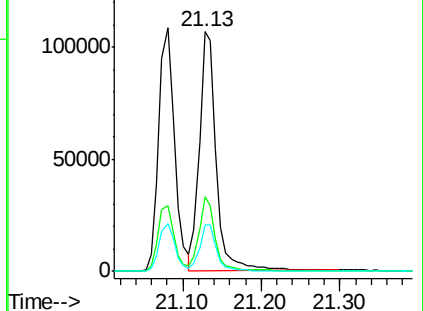
229 19.2 15.8 23.8



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: 4.50 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

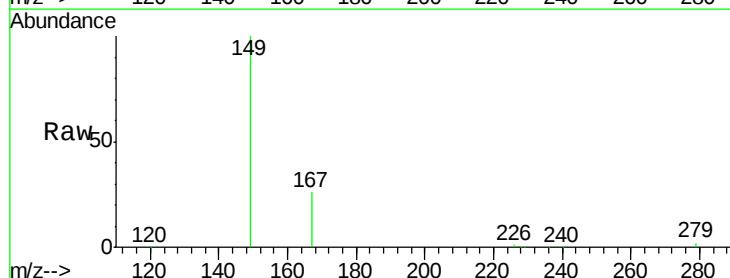
Tgt Ion:149 Resp: 57276

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

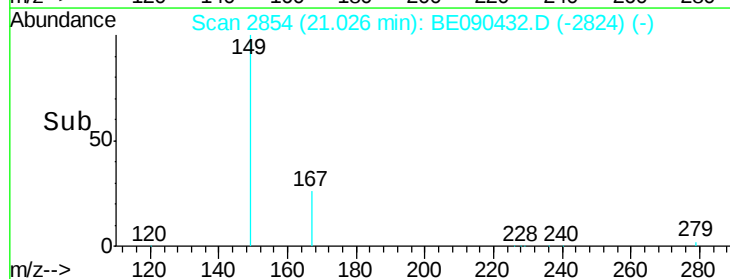
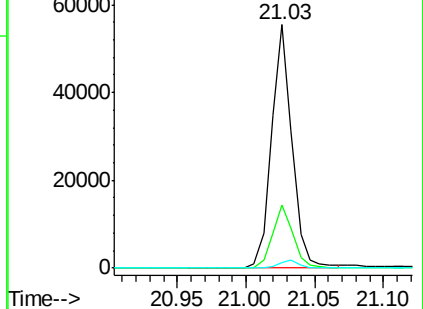
279 3.1 2.4 3.6

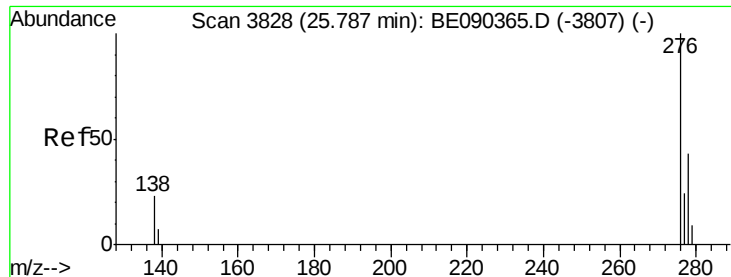


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.42 ng

RT: 25.78 min Scan# 3827

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

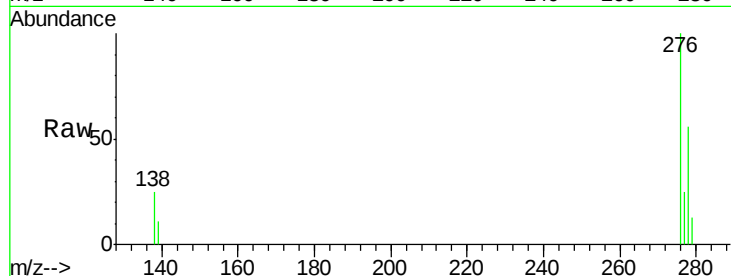
Tgt Ion:276 Resp: 133511

Ion Ratio Lower Upper

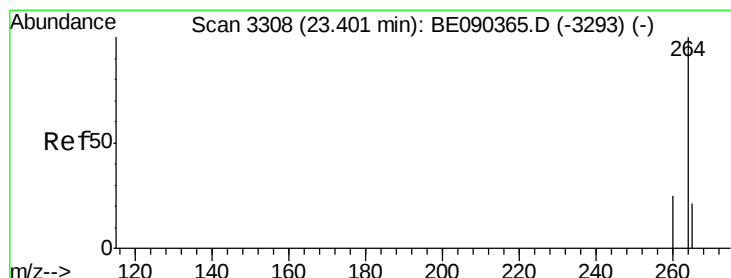
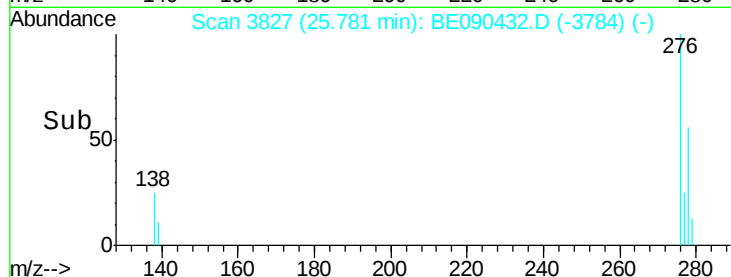
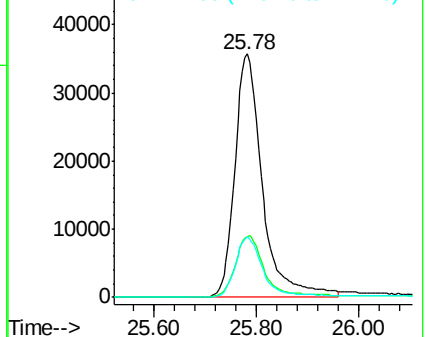
276 100

138 26.3 18.8 28.2

277 24.8 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

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

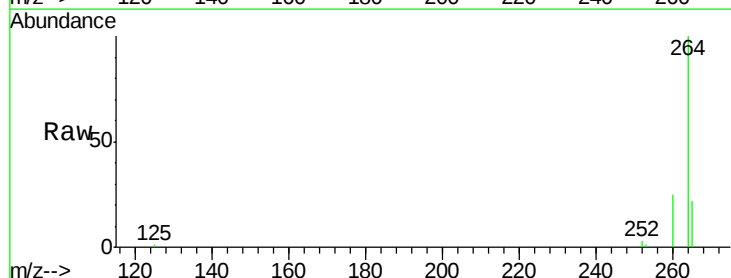
Tgt Ion:264 Resp: 144113

Ion Ratio Lower Upper

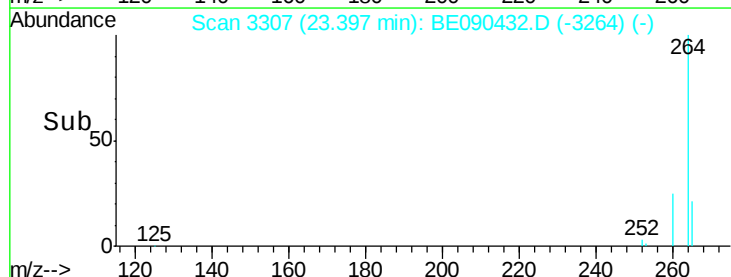
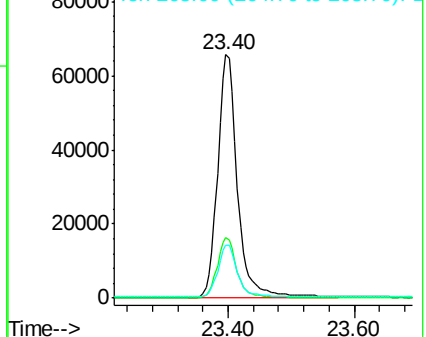
264 100

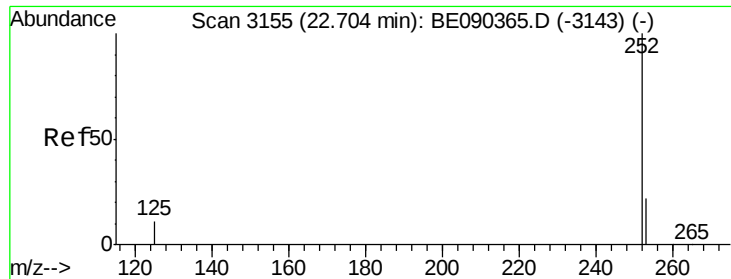
260 25.0 20.1 30.1

265 21.6 17.2 25.8



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





#33

Benzo(b)fluoranthene

Concen: 3.90 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

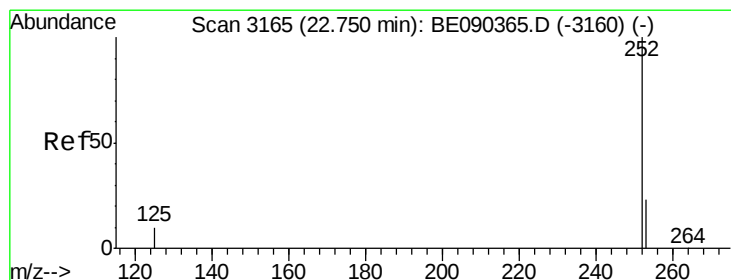
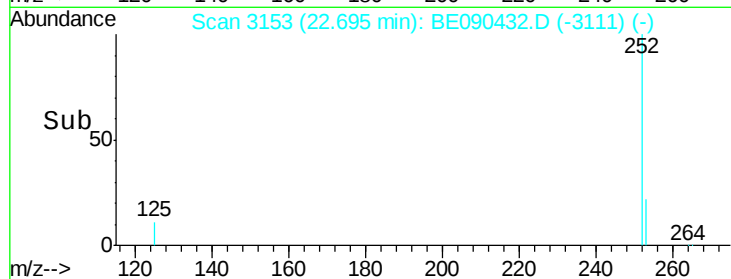
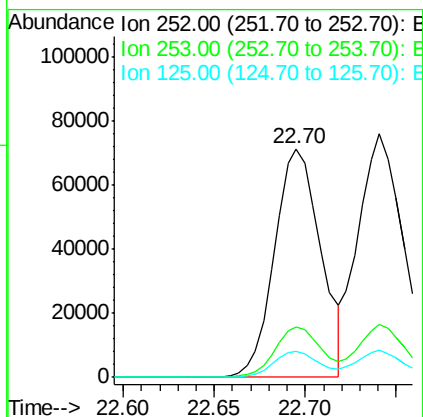
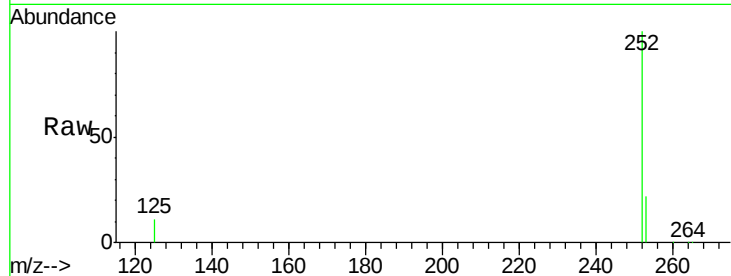
Instrument :

BNA_E

ClientSampleId :

PB84961BSD

Tgt Ion:	252	Resp:	125744
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.1	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 3.63 ng

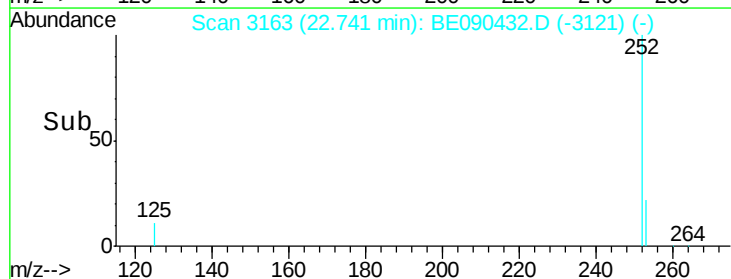
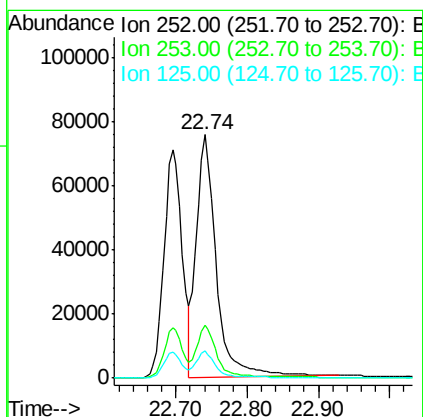
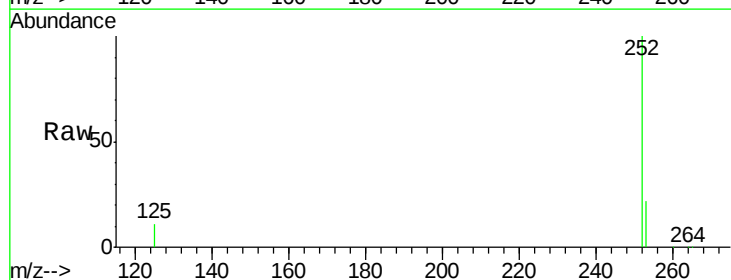
RT: 22.74 min Scan# 3163

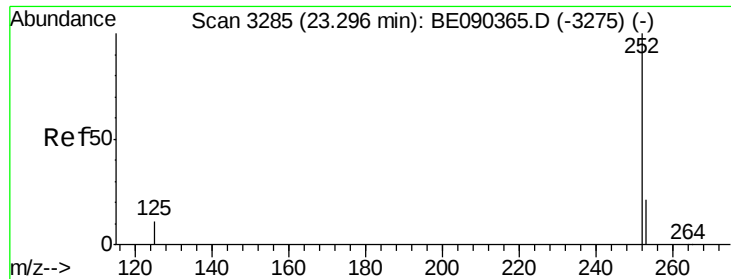
Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Tgt Ion:	252	Resp:	145615
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.2	9.1	13.7





#35

Benzo(a)pyrene

Concen: 3.86 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD

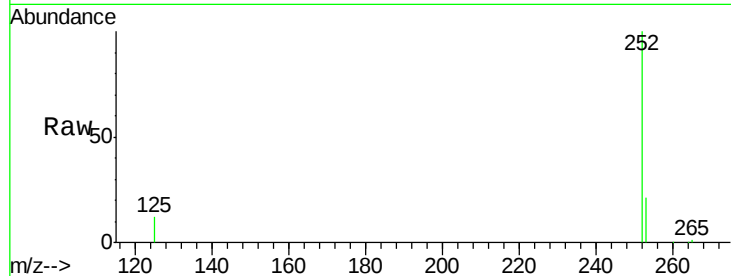
Tgt Ion:252 Resp: 117090

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

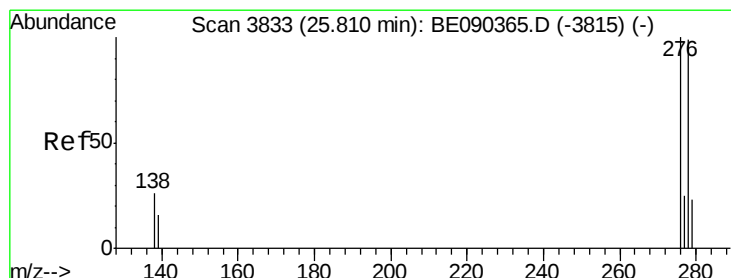
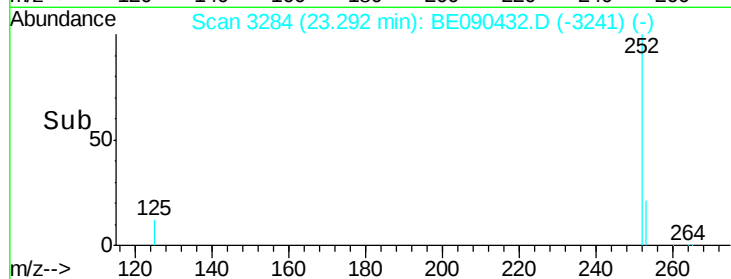
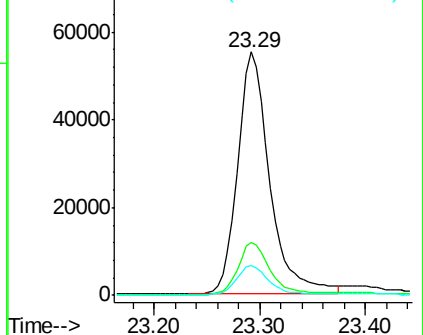
125 12.3 9.8 14.6



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: 3.60 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090432.D

Acq: 11 Aug 2015 17:33

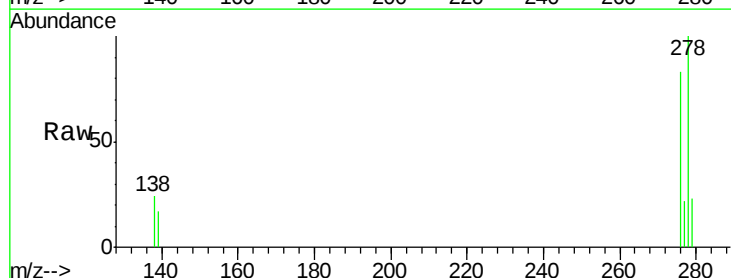
Tgt Ion:278 Resp: 106070

Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

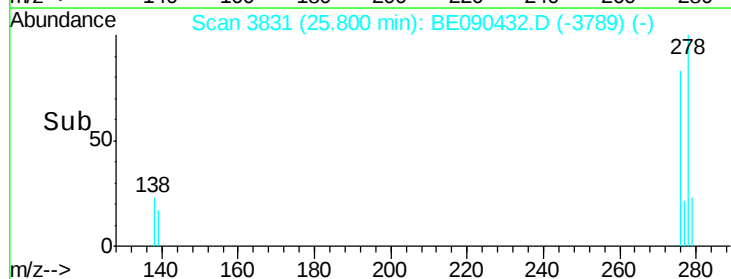
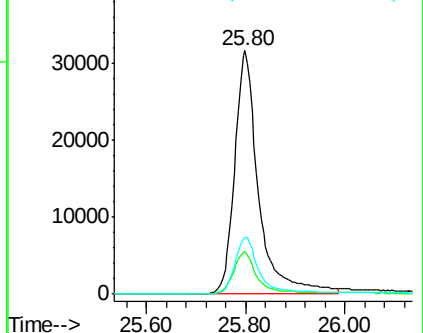
279 23.2 20.1 30.1

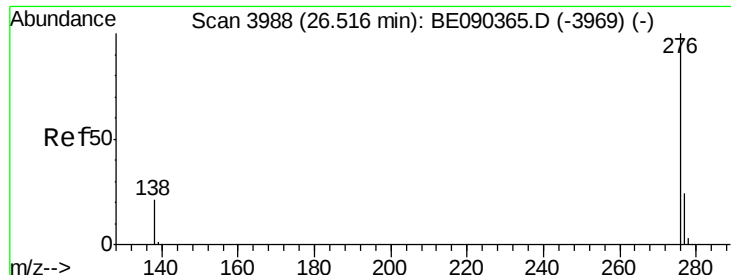


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 4.42 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090432.D

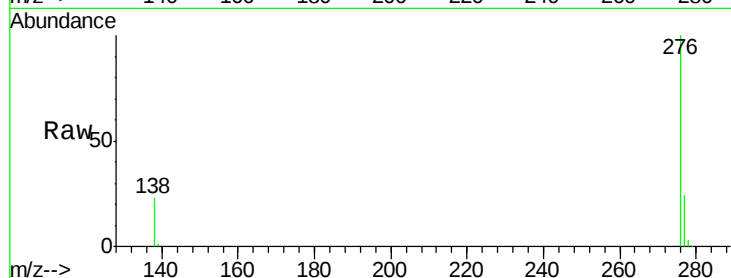
Acq: 11 Aug 2015 17:33

Instrument :

BNA_E

ClientSampleId :

PB84961BSD



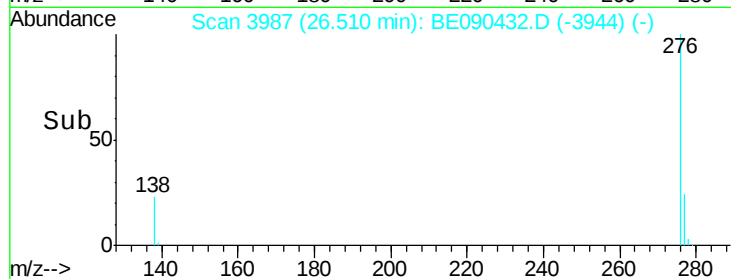
Tgt Ion: 276 Resp: 117589

Ion Ratio Lower Upper

276 100

277 23.8 20.1 30.1

138 23.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

