

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090548.D
 Acq On : 18 Aug 2015 00:24
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 06:12:00 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

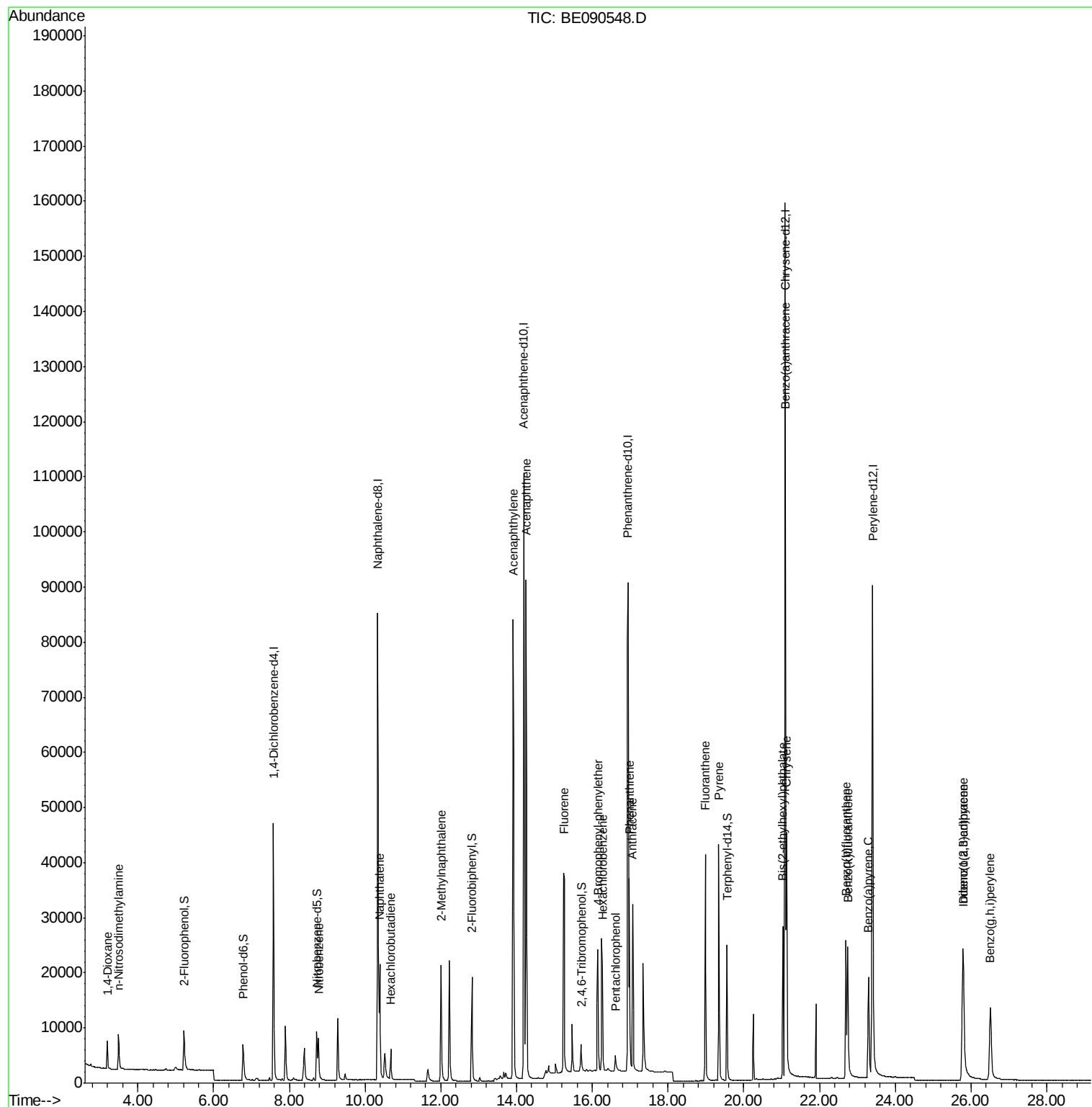
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24036	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	122654	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	68198	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147697	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144451	5.00	ng	0.00
32) Perylene-d12	23.40	264	134142	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7420	1.07	ng	0.00
5) Phenol-d6	6.78	99	10772	1.05	ng	0.00
7) Nitrobenzene-d5	8.73	82	9762	1.00	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2694	1.03	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	20411	1.00	ng	0.00
27) Terphenyl-d14	19.55	244	27040	1.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3069	1.06	ng	96
3) n-Nitrosodimethylamine	3.49	42	3931	0.95	ng	# 69
8) Nitrobenzene	8.77	77	10038	0.99	ng	95
9) Naphthalene	10.38	128	27351	0.98	ng	98
10) Hexachlorobutadiene	10.68	225	3996	0.98	ng	100
11) 2-Methylnaphthalene	12.00	142	18487	1.02	ng	97
15) Acenaphthylene	13.91	152	124889	1.00	ng	100
16) Acenaphthene	14.26	154	18693	1.00	ng	# 76
17) Fluorene	15.26	166	22666	0.99	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6178	1.02	ng	82
20) Hexachlorobenzene	16.27	284	26945	1.01	ng	96
21) Pentachlorophenol	16.61	266	2242	0.96	ng	92
22) Phenanthrene	16.98	178	37739	0.97	ng	99
23) Anthracene	17.07	178	35839	1.00	ng	100
24) Fluoranthene	18.98	202	40518	0.98	ng	99
26) Pyrene	19.34	202	41689	1.01	ng	100
28) Benzo(a)anthracene	21.08	228	37212	0.98	ng	99
29) Chrysene	21.13	228	38834	1.00	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	23516	1.15	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	36552	1.00	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	32218	1.01	ng	99
34) Benzo(k)fluoranthene	22.74	252	36666	1.02	ng	98
35) Benzo(a)pyrene	23.29	252	30162	1.01	ng	97
36) Dibenzo(a,h)anthracene	25.80	278	28732	1.00	ng	98
37) Benzo(g,h,i)perylene	26.51	276	32192	1.03	ng	95

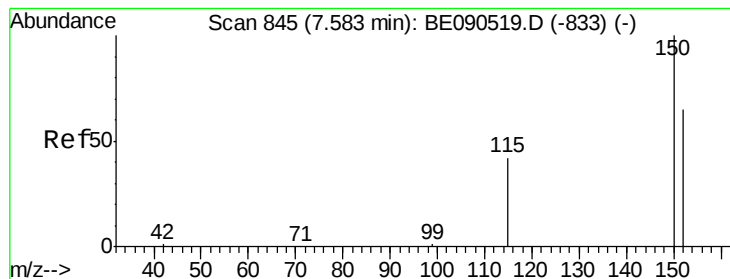
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090548.D
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Sample : SSTCCCC001
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 18 06:12:00 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
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QLast Update : Fri Aug 14 16:52:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampled :

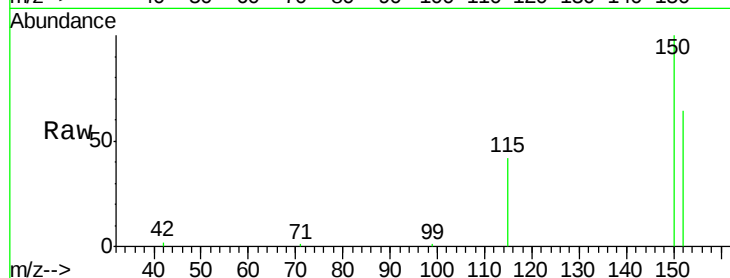
Tot Ion:152 Resp: 24036

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.4

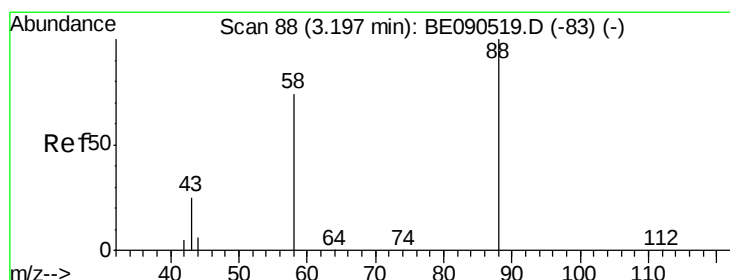
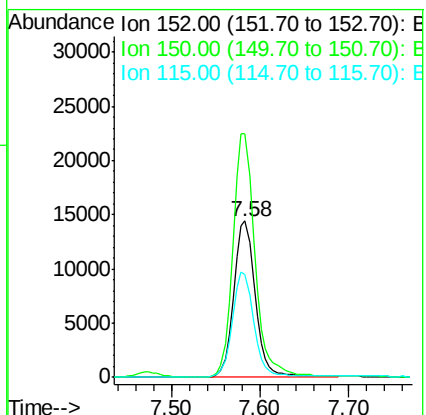
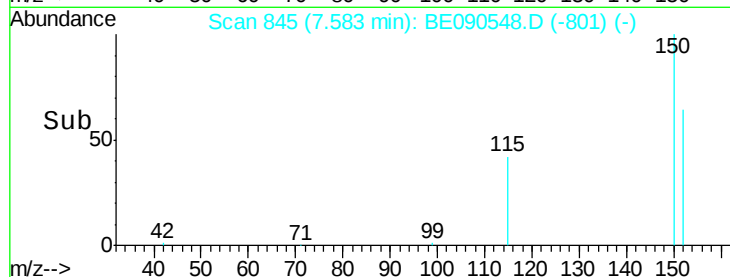
115 65.3 48.9 73.3



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: 1.06 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

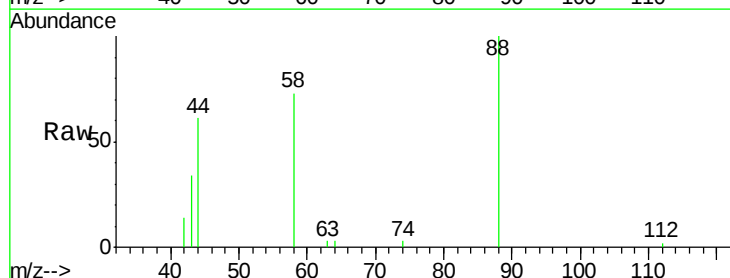
Tgt Ion: 88 Resp: 3069

Ion Ratio Lower Upper

88 100

58 83.7 70.0 105.0

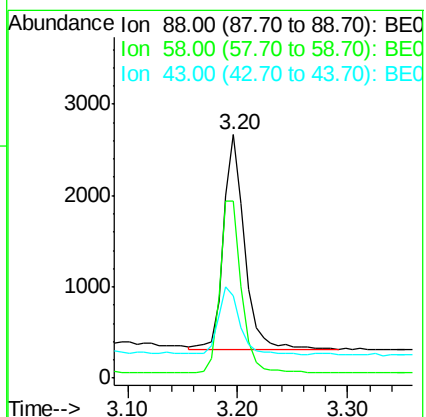
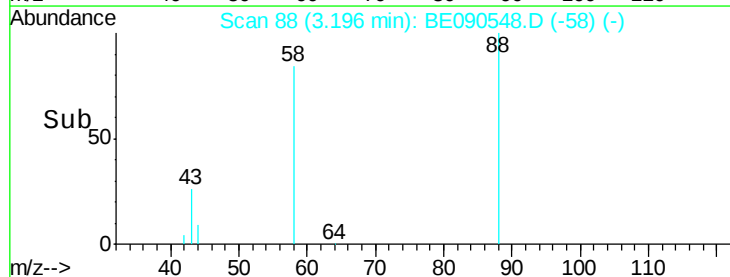
43 33.2 28.4 42.6



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



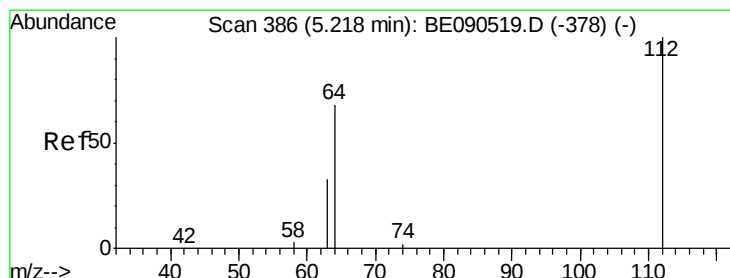
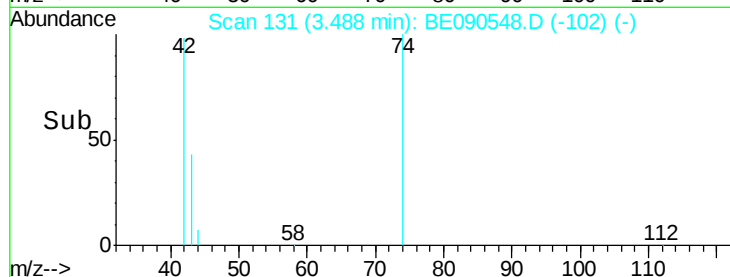
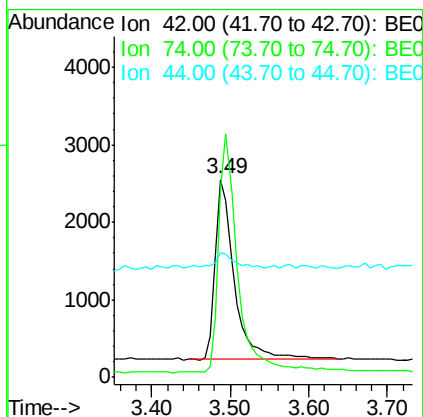
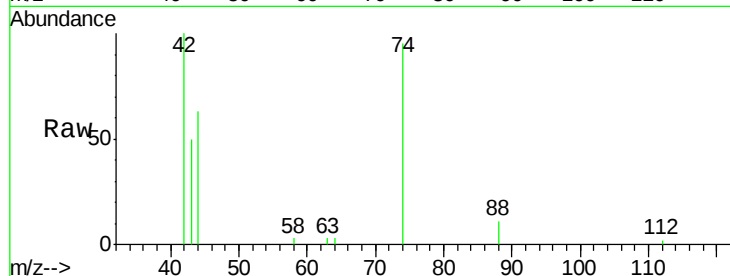


#3

n-Nitrosodimethylamine
 Concen: 0.95 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Instrument :
 BNA_E
 ClientSampleId :

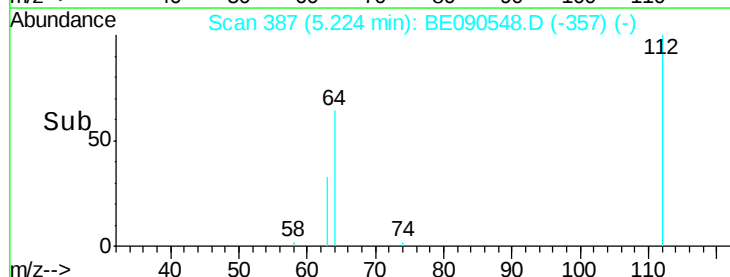
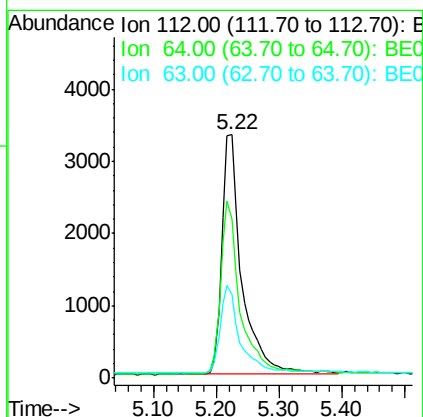
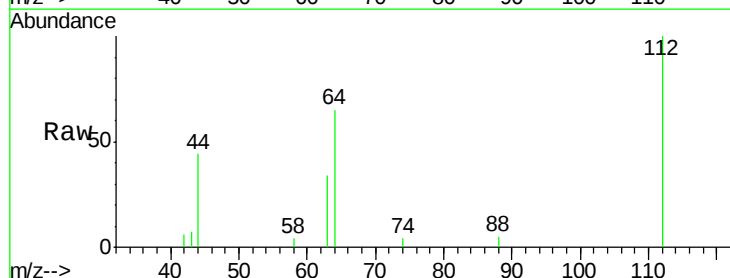
Tot Ion: 42 Resp: 3931
 Ion Ratio Lower Upper
 42 100
 74 127.6 75.2 112.8#
 44 10.6 8.7 13.1

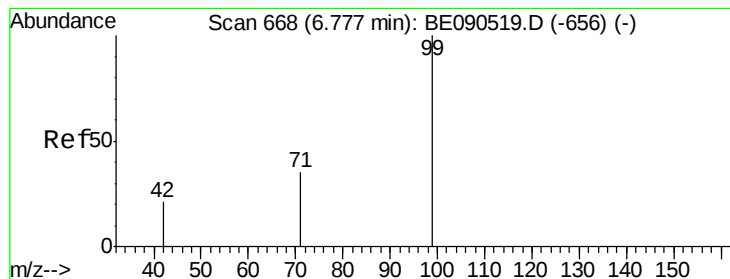


#4

2-Fluorophenol
 Concen: 1.07 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Tgt Ion: 112 Resp: 7420
 Ion Ratio Lower Upper
 112 100
 64 69.8 37.1 55.7#
 63 36.0 19.5 29.3#





#5

Phenol-d6

Concen: 1.05 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

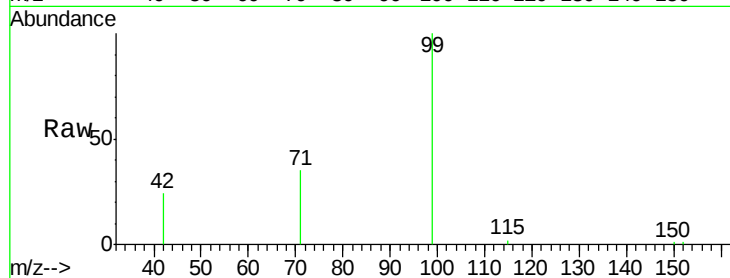
Tot Ion: 99 Resp: 10772

Ion Ratio Lower Upper

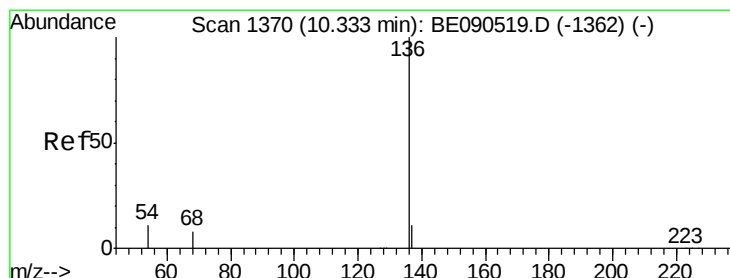
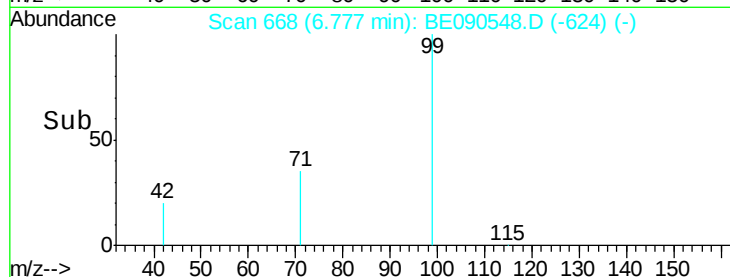
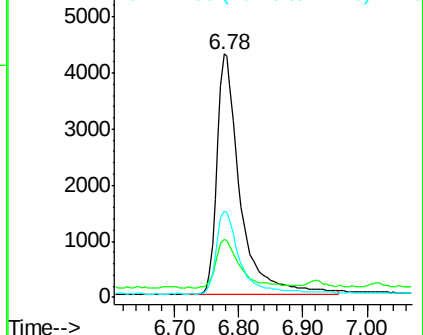
99 100

42 21.0 18.2 27.4

71 35.6 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. 0.01 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Tgt Ion: 136 Resp: 122654

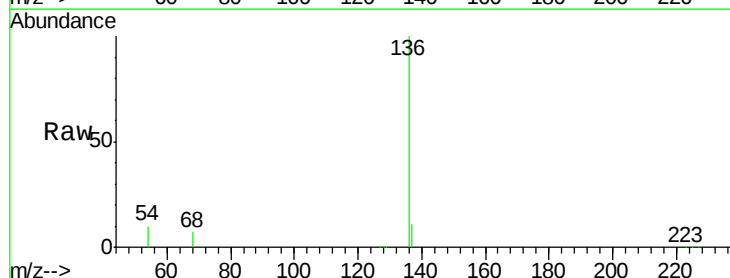
Ion Ratio Lower Upper

136 100

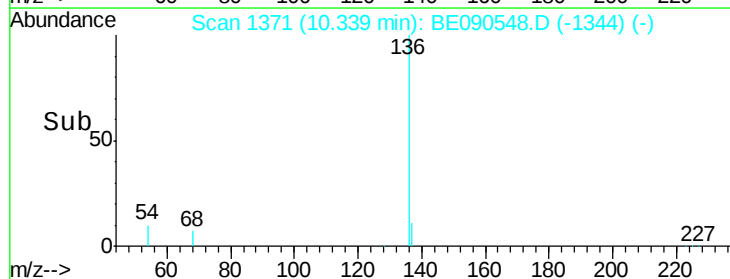
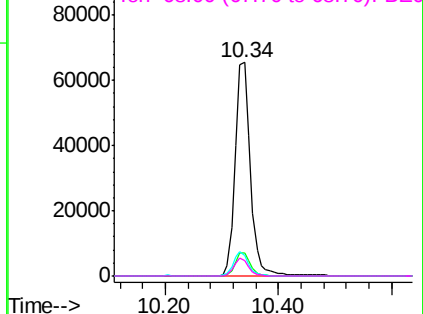
137 11.1 8.7 13.1

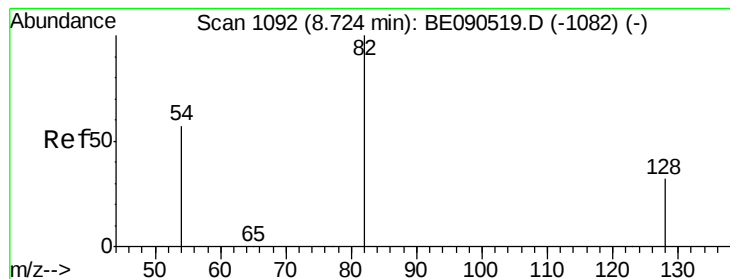
54 9.8 9.4 14.0

68 7.4 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: 1.00 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

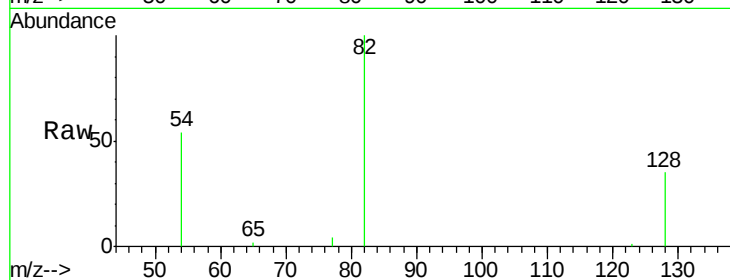
Tot Ion: 82 Resp: 9762

Ion Ratio Lower Upper

82 100

128 34.9 25.0 37.6

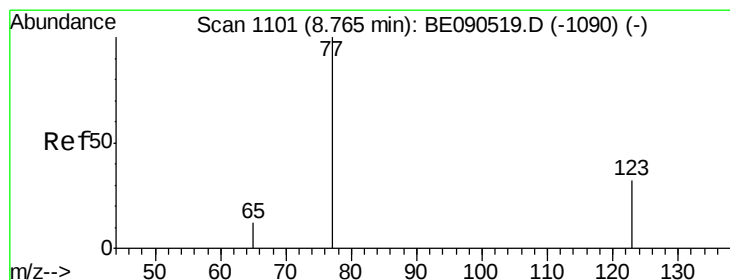
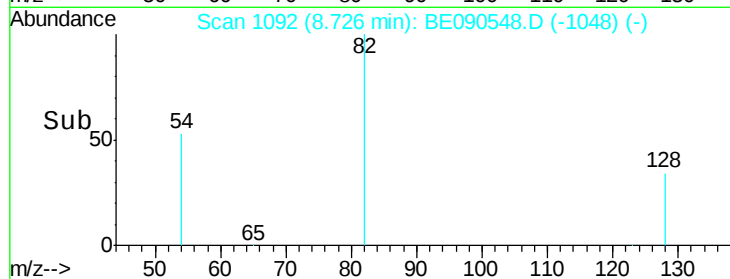
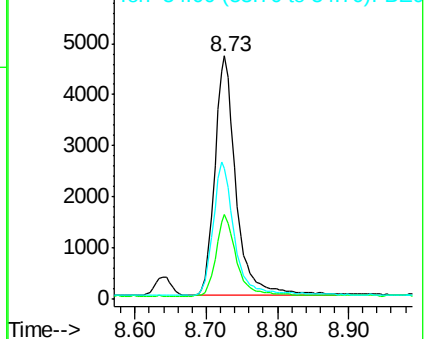
54 53.8 48.8 73.2



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: 0.99 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

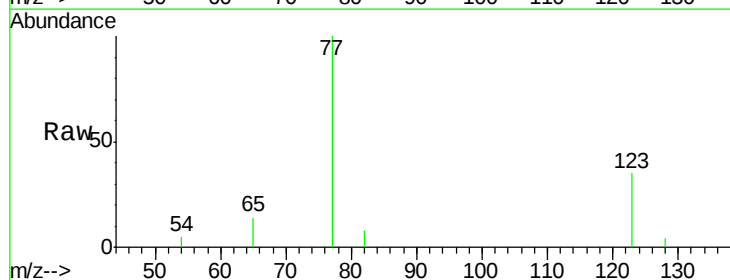
Tgt Ion: 77 Resp: 10038

Ion Ratio Lower Upper

77 100

123 34.5 25.1 37.7

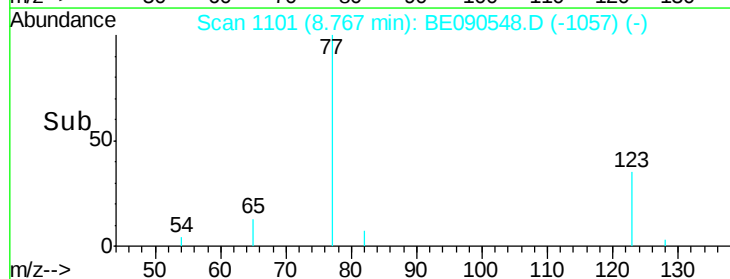
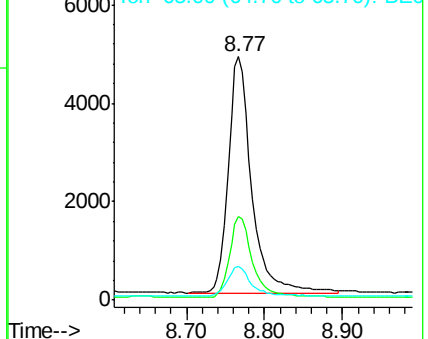
65 12.4 9.3 13.9



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: 0.98 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

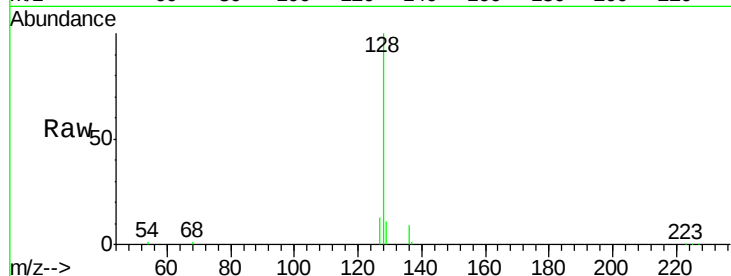
Tot Ion:128 Resp: 27351

Ion Ratio Lower Upper

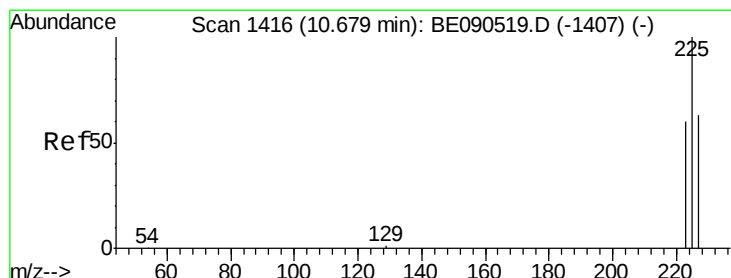
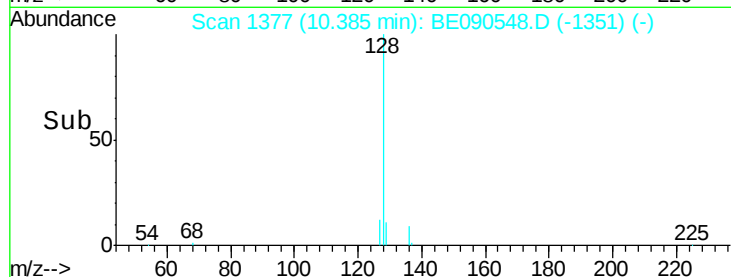
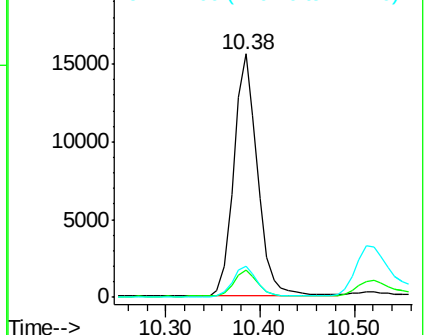
128 100

129 11.4 9.8 14.6

127 12.8 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: 0.98 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

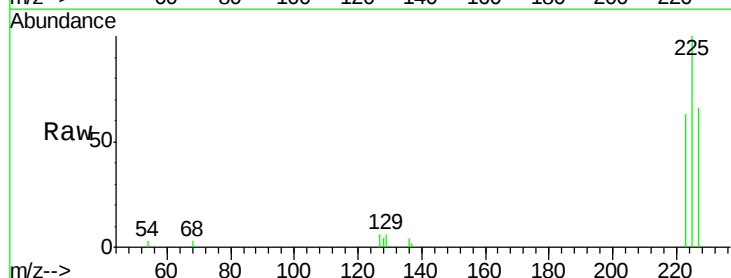
Tgt Ion:225 Resp: 3996

Ion Ratio Lower Upper

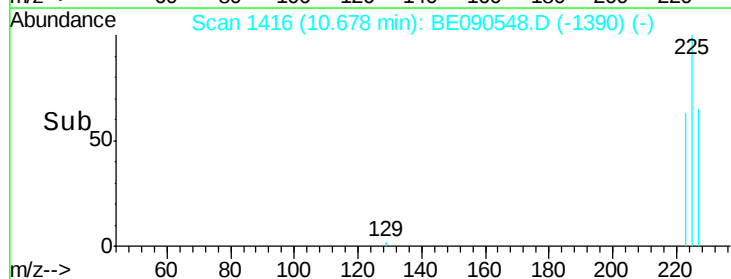
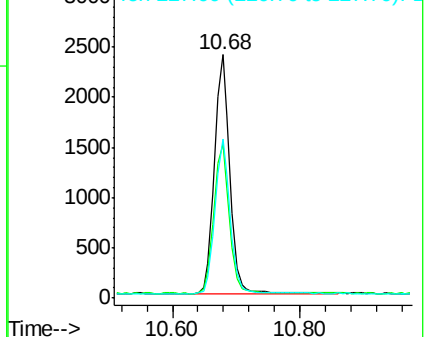
225 100

223 62.6 50.6 75.8

227 63.4 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: 1.02 ng

RT: 12.00 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

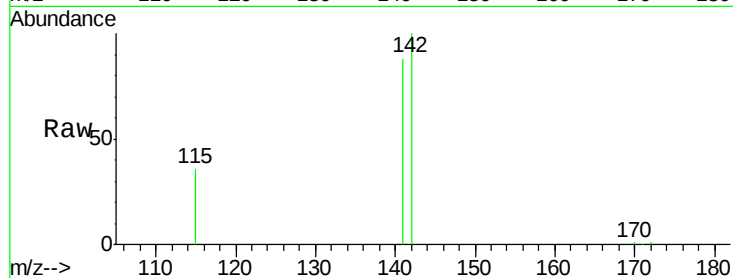
Tot Ion:142 Resp: 18487

Ion Ratio Lower Upper

142 100

141 88.2 72.6 109.0

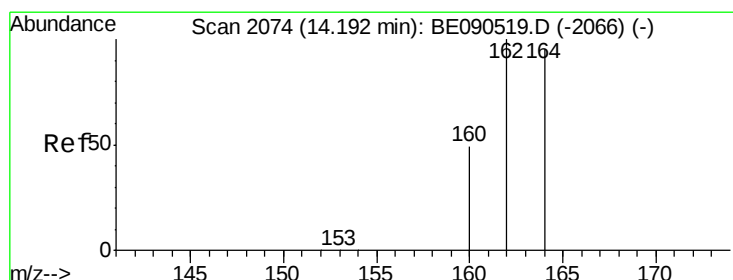
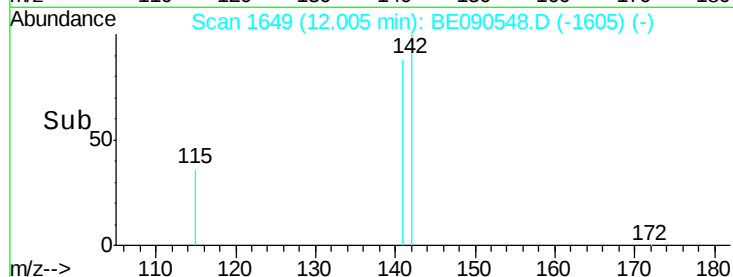
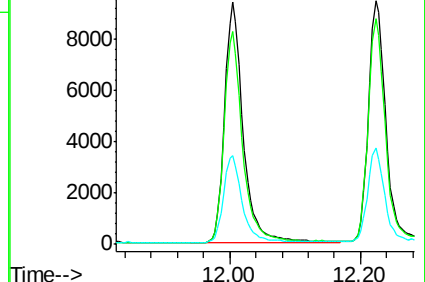
115 36.4 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

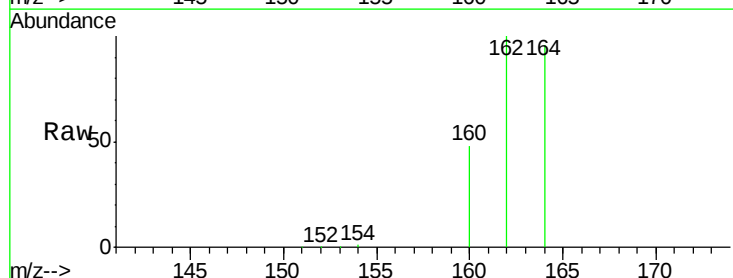
Tgt Ion:164 Resp: 68198

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

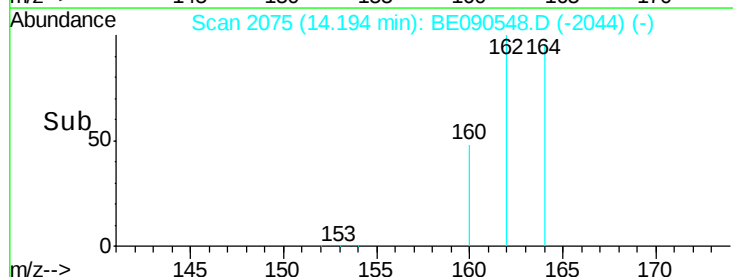
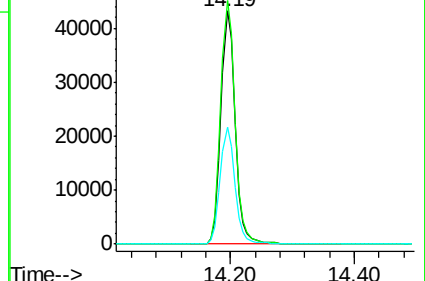
160 50.0 44.2 66.4



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

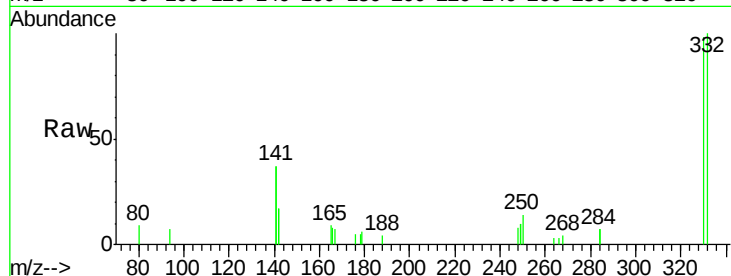




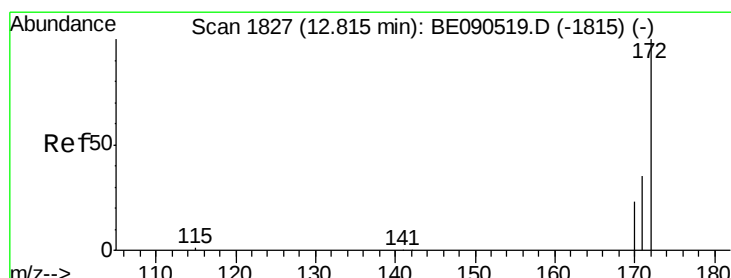
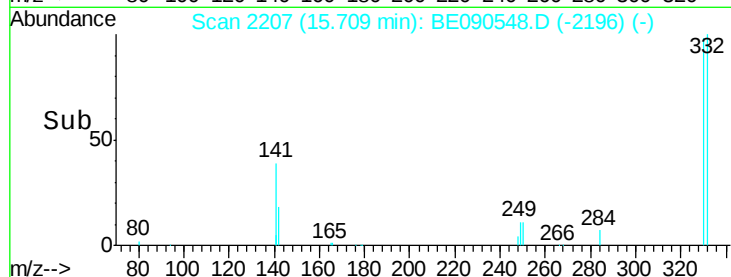
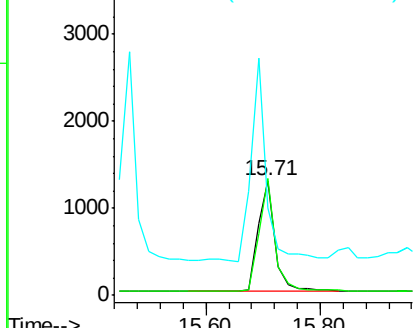
#13
 2,4,6-Tribromophenol
 Concen: 1.03 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 2694
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 156.0 114.4 171.6

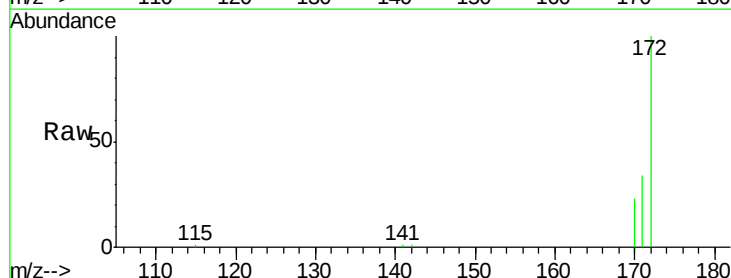


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

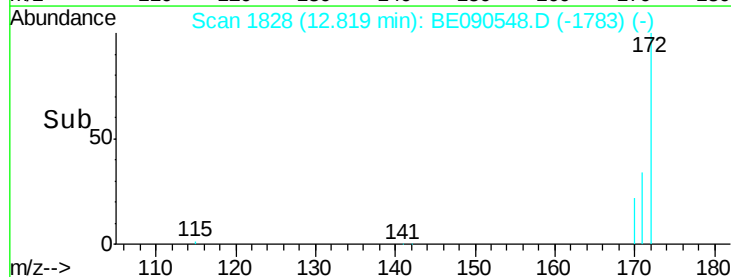
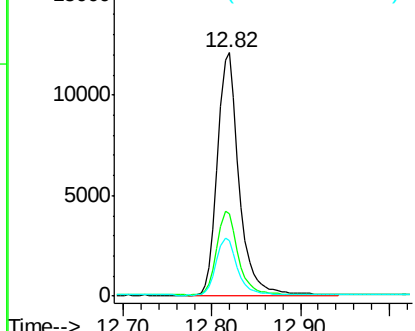


#14
 2-Fluorobiphenyl
 Concen: 1.00 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Tgt Ion:172 Resp: 20411
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 22.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 1.00 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

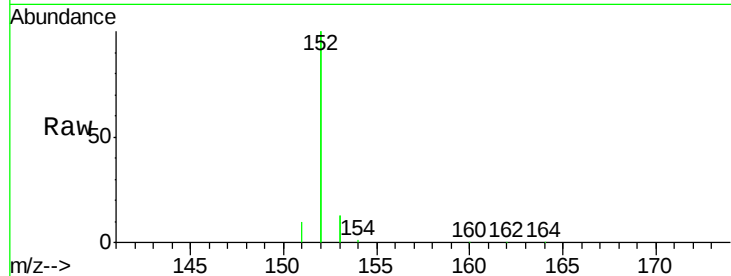
Tot Ion:152 Resp: 124889

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

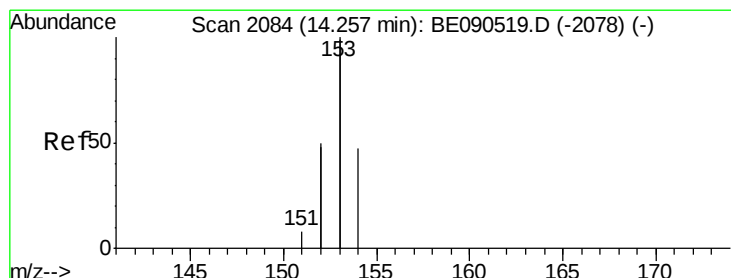
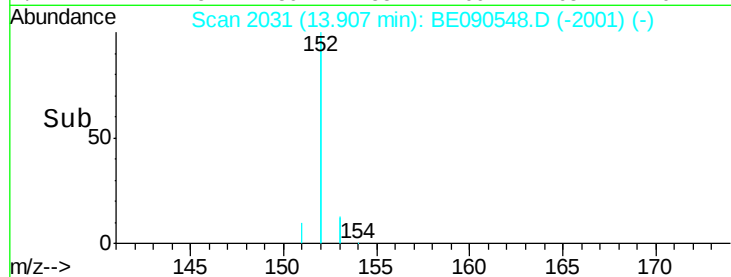
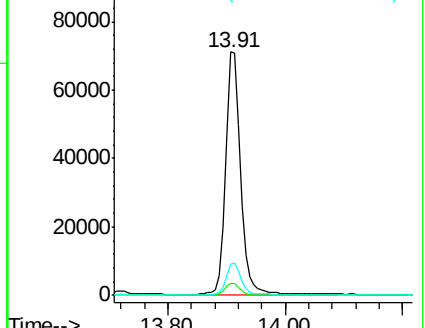
153 13.0 10.3 15.5



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: 1.00 ng

RT: 14.26 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

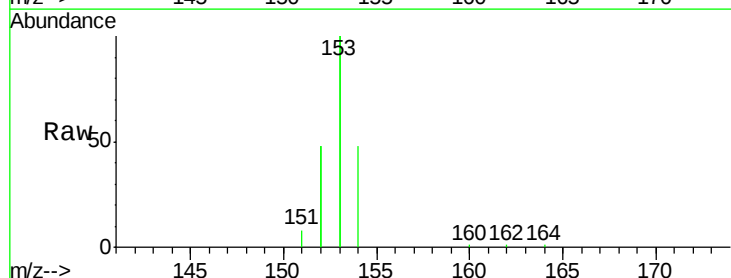
Tgt Ion:154 Resp: 18693

Ion Ratio Lower Upper

154 100

153 431.8 376.2 564.2

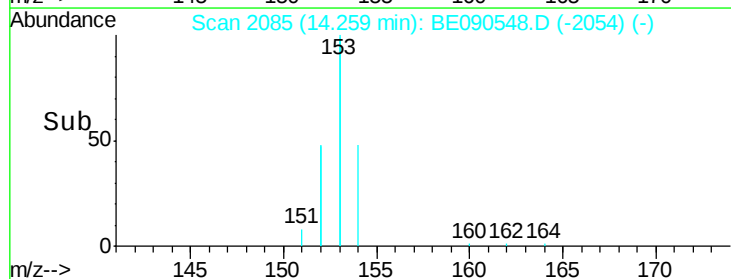
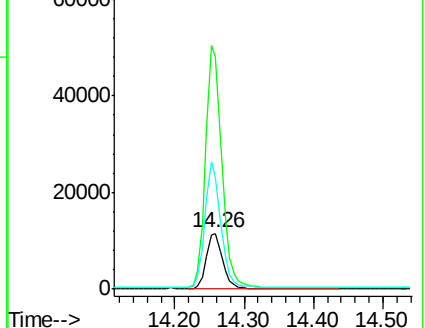
152 219.1 235.0 352.4#



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: 0.99 ng

RT: 15.26 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampled :

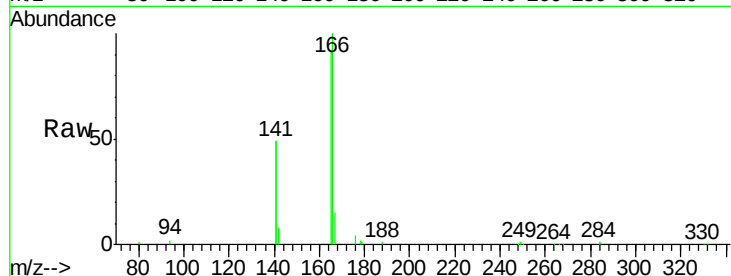
Tot Ion:166 Resp: 22666

Ion Ratio Lower Upper

166 100

165 99.8 81.5 122.3

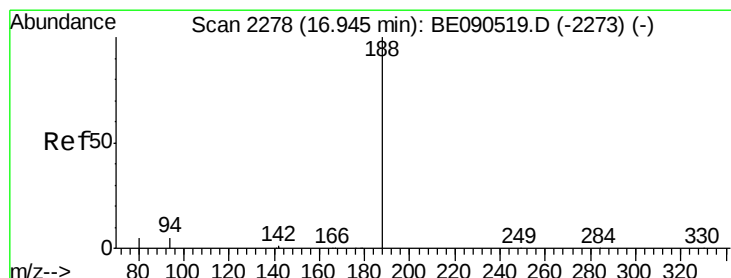
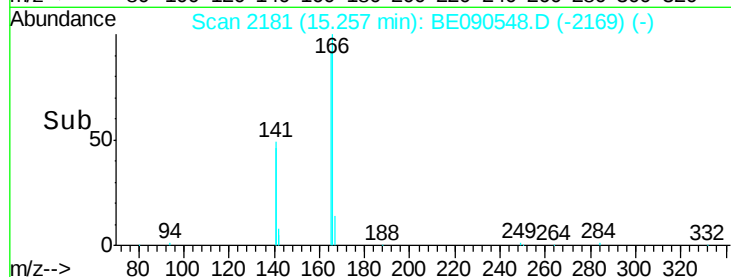
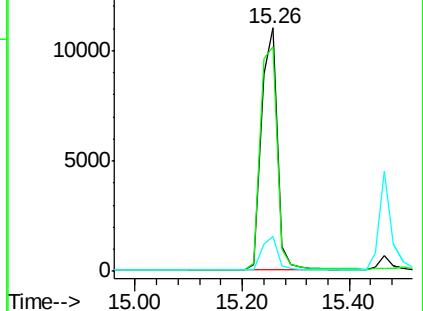
167 14.2 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

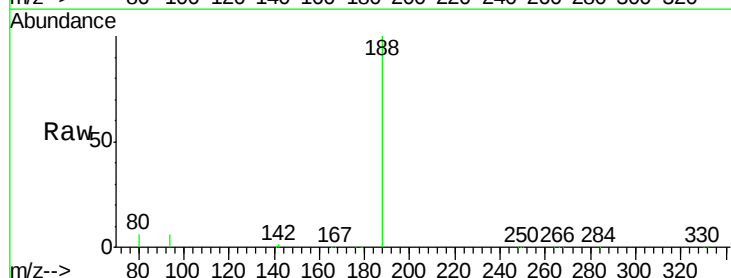
Tgt Ion:188 Resp: 147697

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

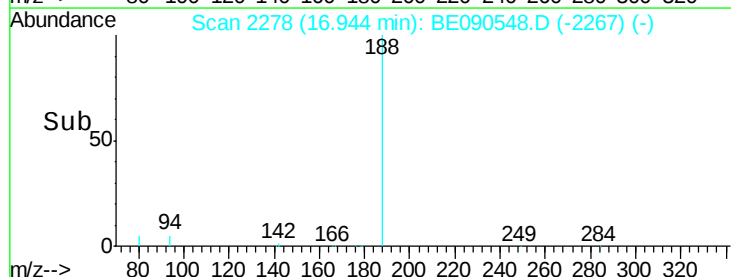
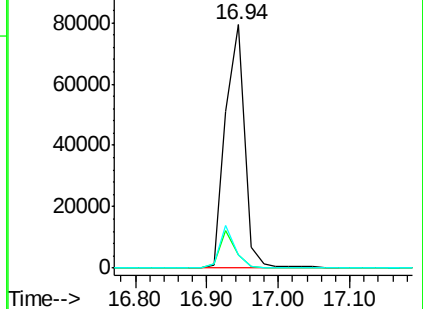
80 5.5 5.8 8.8#



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





#19

4-Bromophenyl-phenylether

Concen: 1.02 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampled :

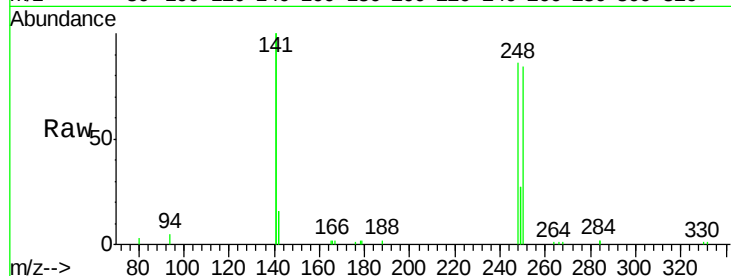
Tot Ion:248 Resp: 6178

Ion Ratio Lower Upper

248 100

250 98.1 79.0 118.6

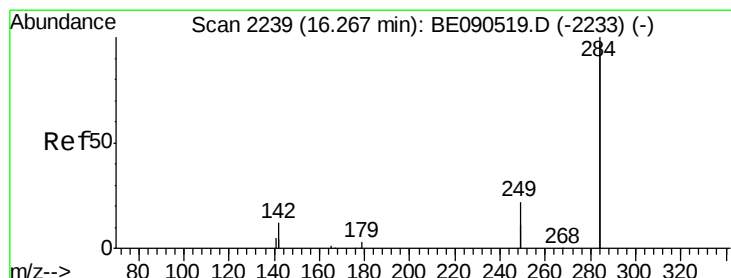
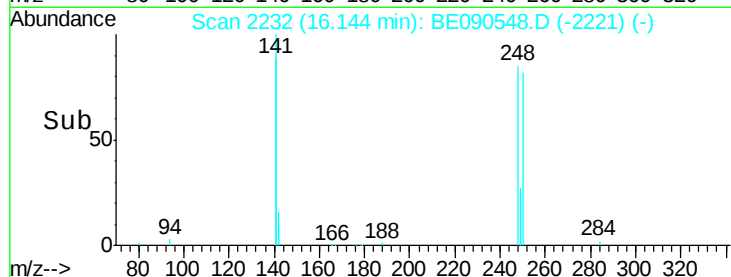
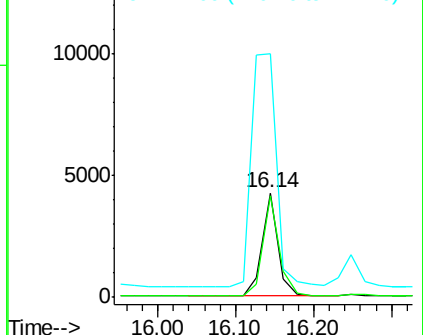
141 347.1 239.5 359.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 1.01 ng

RT: 16.27 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

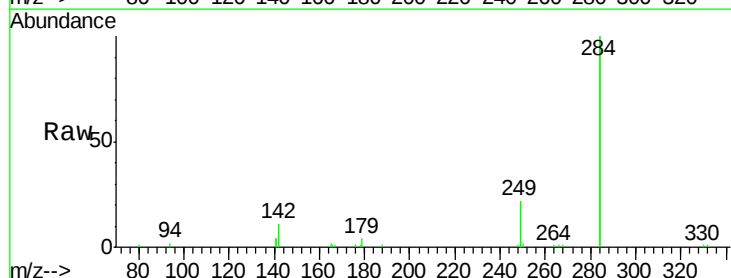
Tgt Ion:284 Resp: 26945

Ion Ratio Lower Upper

284 100

142 41.1 30.1 45.1

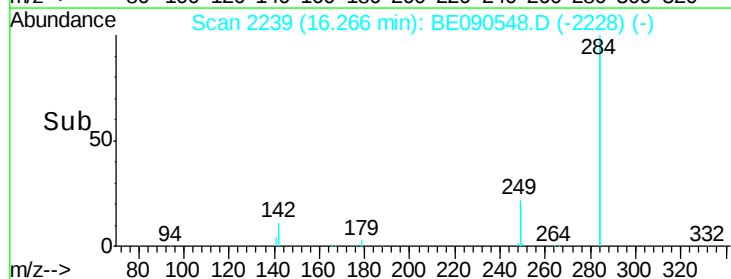
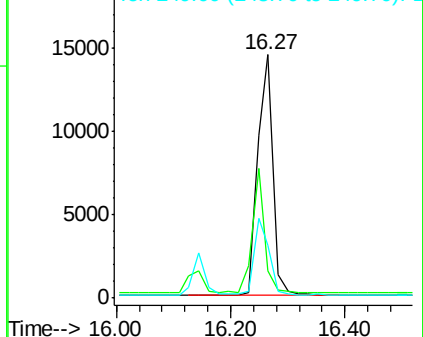
249 31.5 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

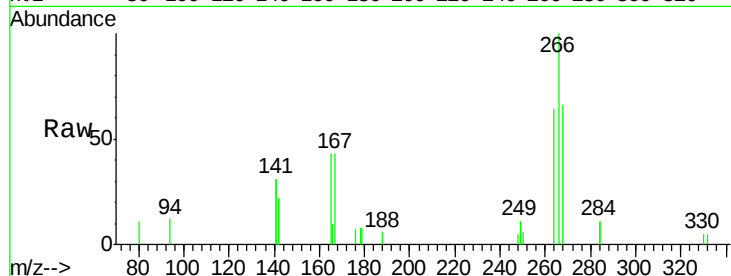




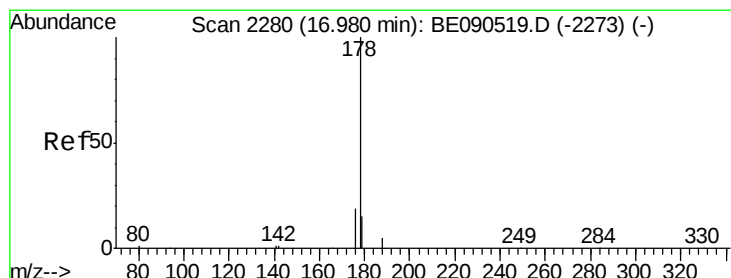
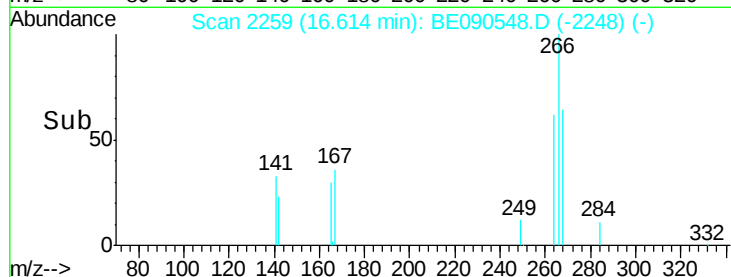
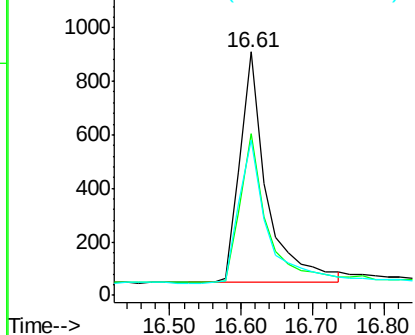
#21
 Pentachlorophenol
 Concen: 0.96 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 2242
 Ion Ratio Lower Upper
 266 100
 268 66.4 58.5 87.7
 264 63.6 56.0 84.0

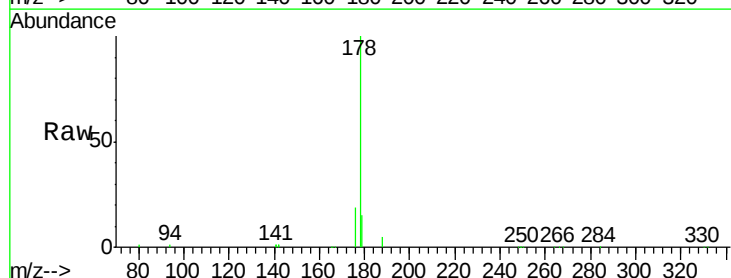


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

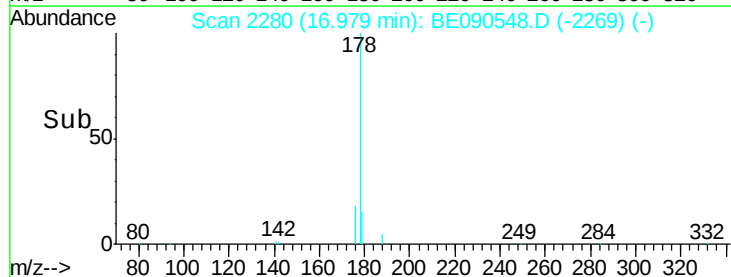
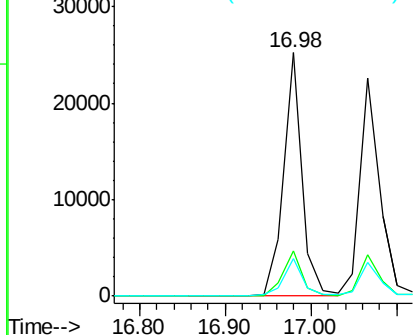


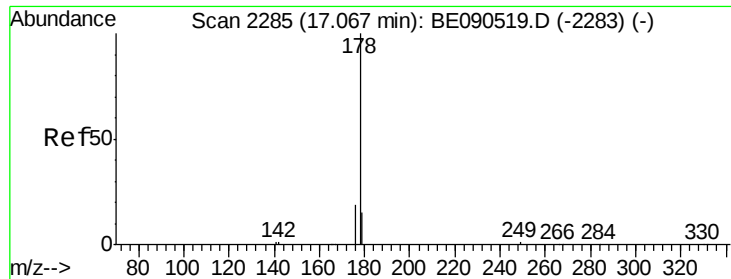
#22
 Phenanthrene
 Concen: 0.97 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Tgt Ion:178 Resp: 37739
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 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: 1.00 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampled :

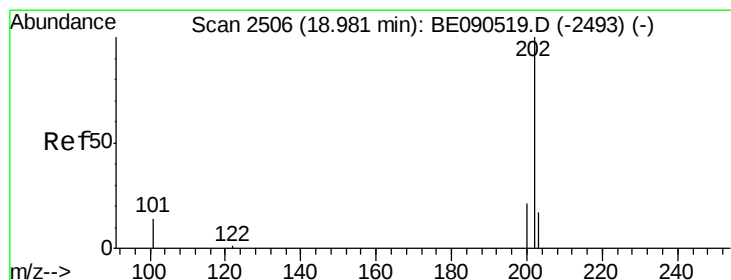
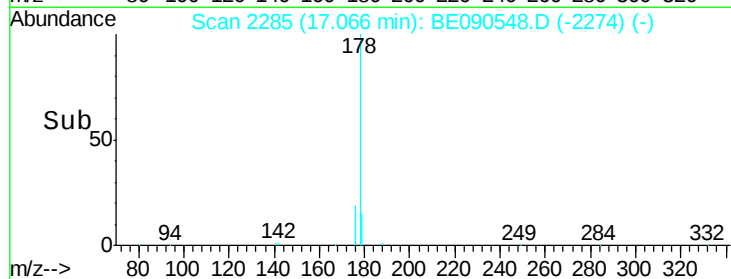
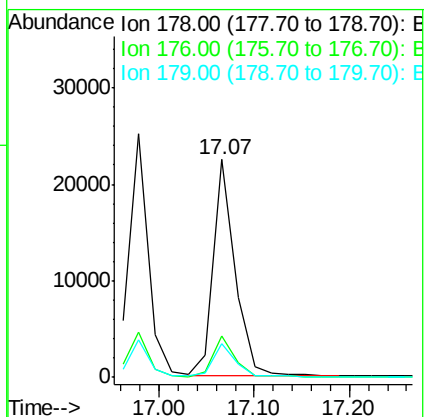
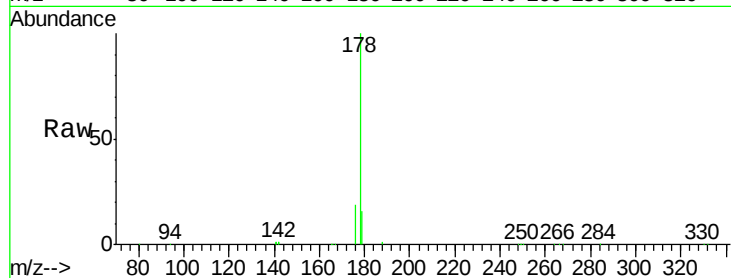
Tot Ion:178 Resp: 35839

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.5 12.2 18.4



#24

Fluoranthene

Concen: 0.98 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

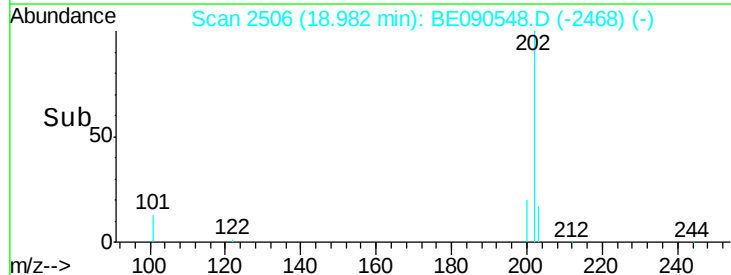
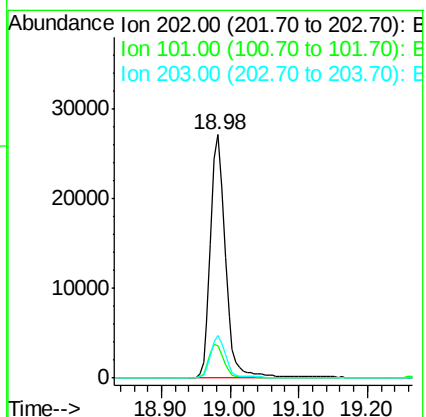
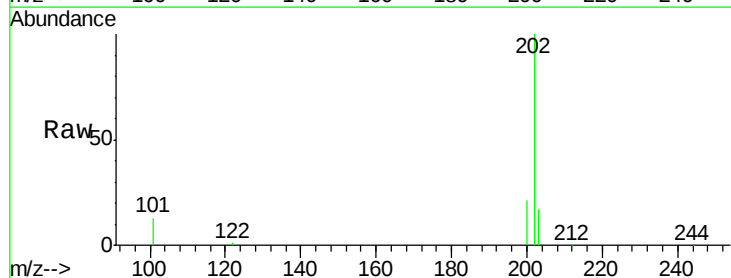
Tgt Ion:202 Resp: 40518

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

203 17.4 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

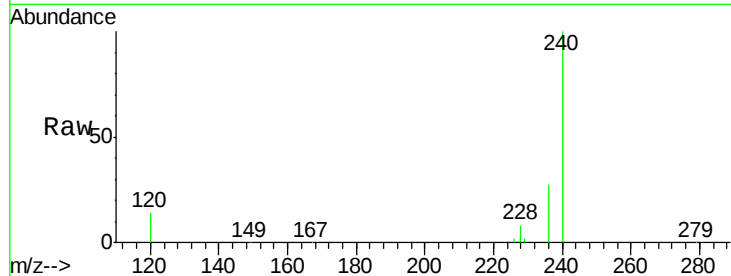
Tot Ion:240 Resp: 144451

Ion Ratio Lower Upper

240 100

120 14.4 8.3 12.5#

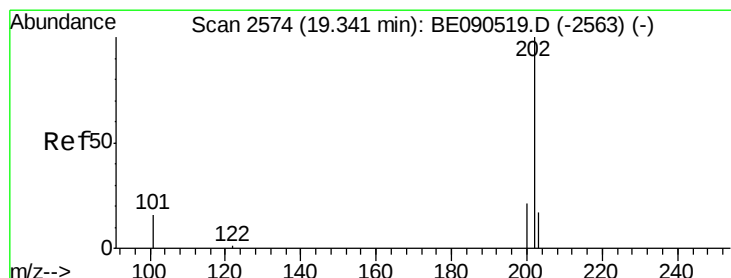
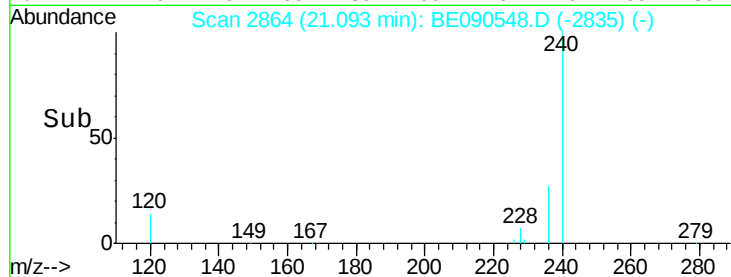
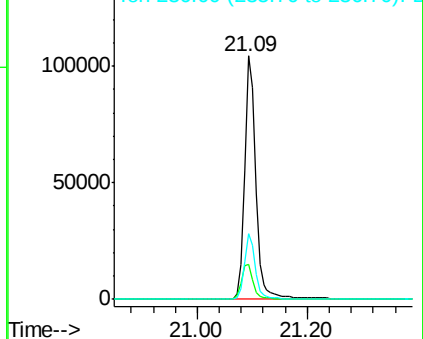
236 27.2 21.0 31.4



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



#26

Pyrene

Concen: 1.01 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

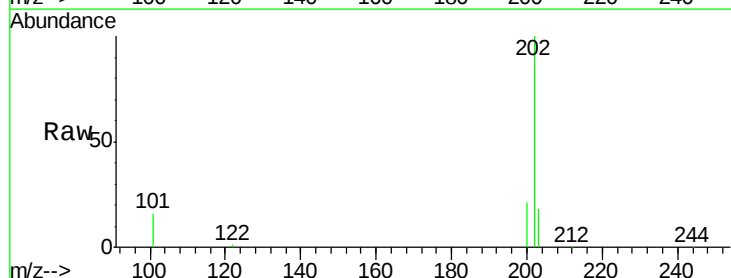
Tgt Ion:202 Resp: 41689

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

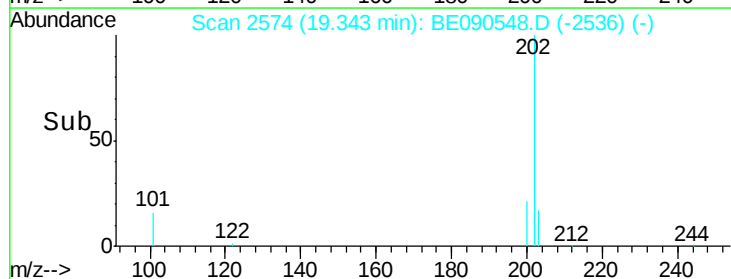
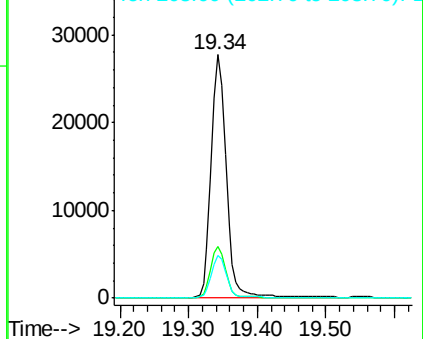
203 17.6 13.8 20.8

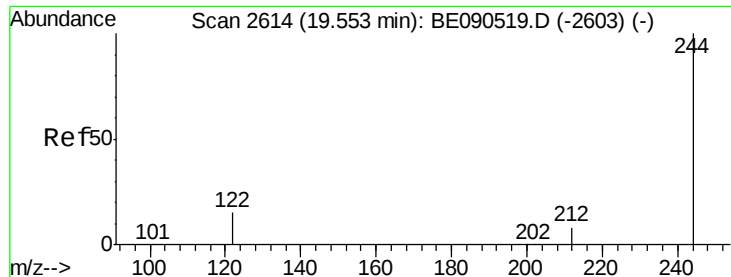


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.02 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

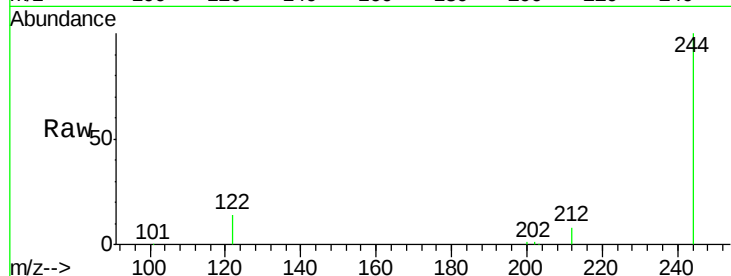
Tot Ion:244 Resp: 27040

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

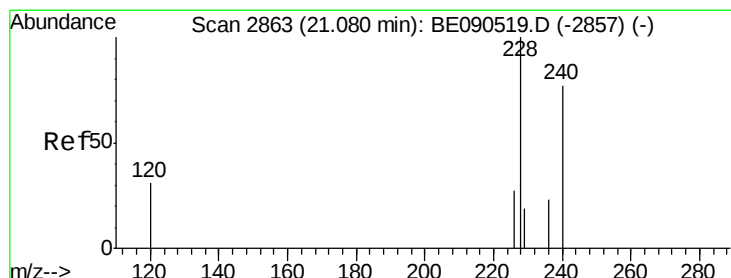
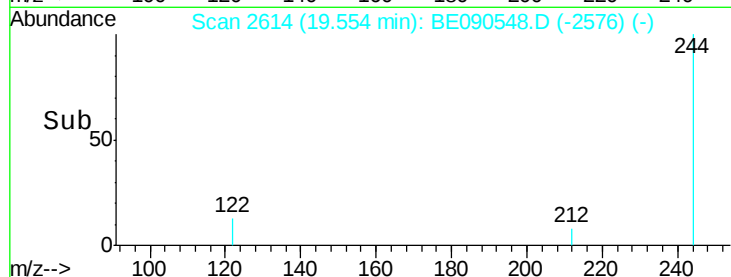
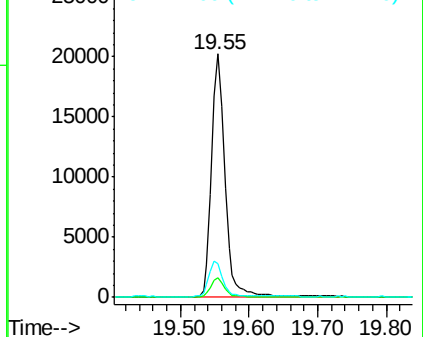
122 13.6 10.2 15.4



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



#28

Benzo(a)anthracene

Concen: 0.98 ng

RT: 21.08 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

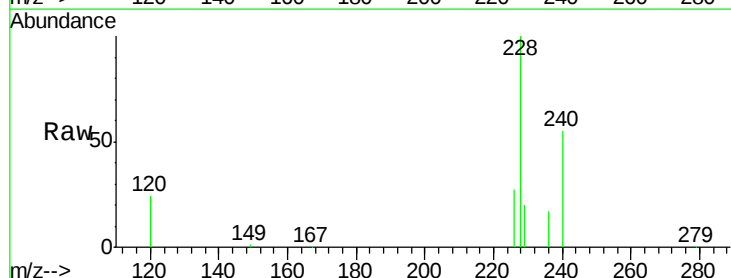
Tgt Ion:228 Resp: 37212

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

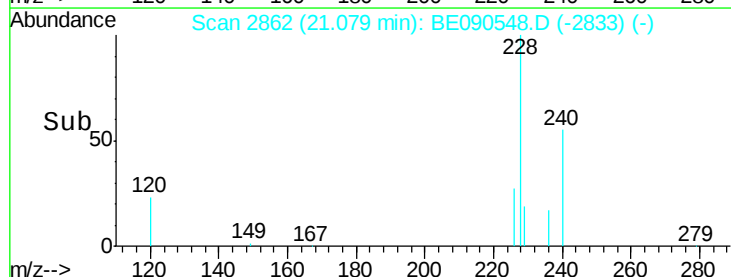
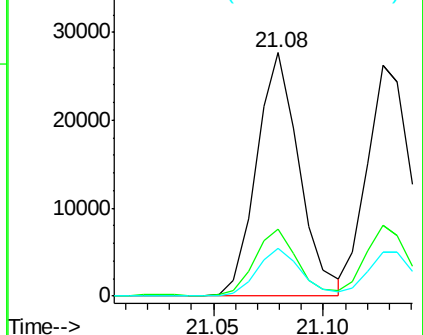
229 19.7 15.4 23.0



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





#29

Chrysene

Concen: 1.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

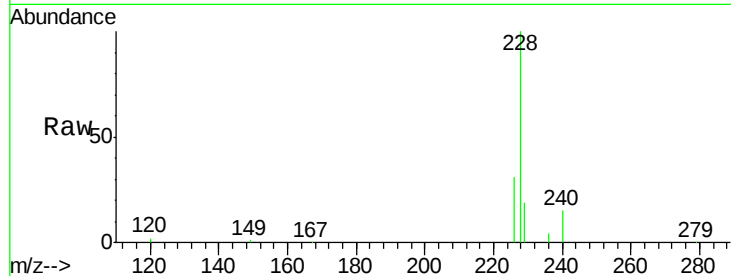
Tot Ion:228 Resp: 38834

Ion Ratio Lower Upper

228 100

226 30.9 23.1 34.7

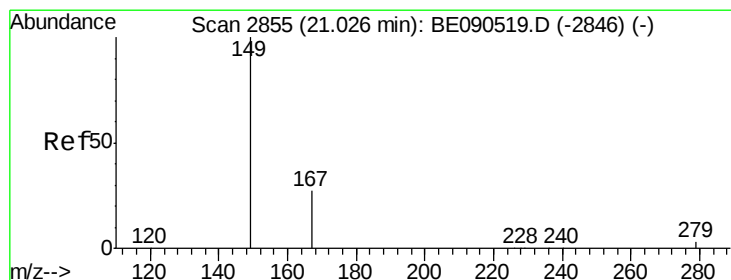
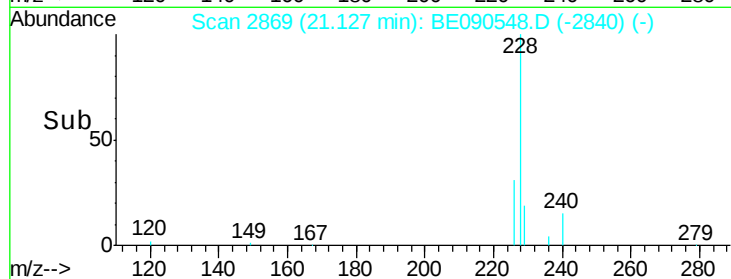
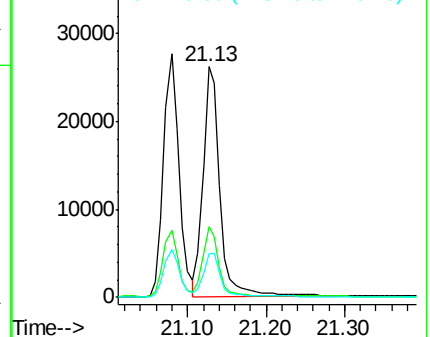
229 19.4 15.8 23.8



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: 1.15 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

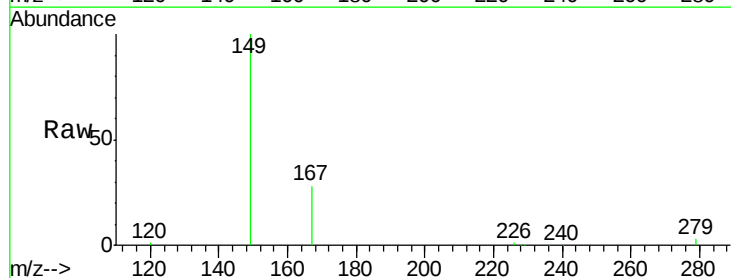
Tgt Ion:149 Resp: 23516

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

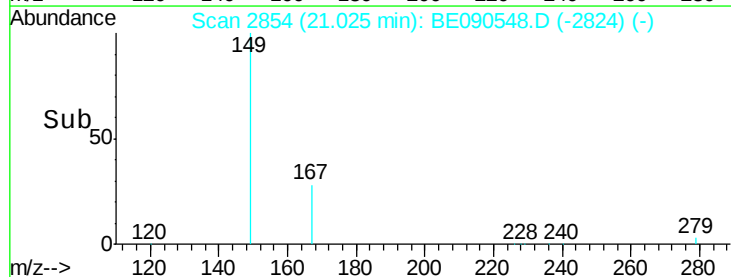
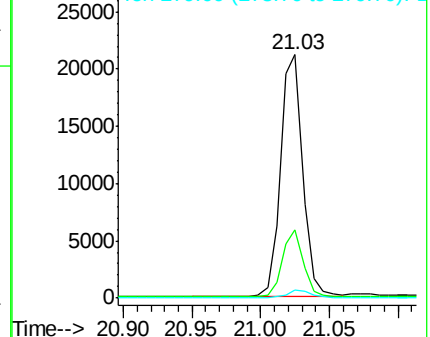
279 3.1 2.4 3.6



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

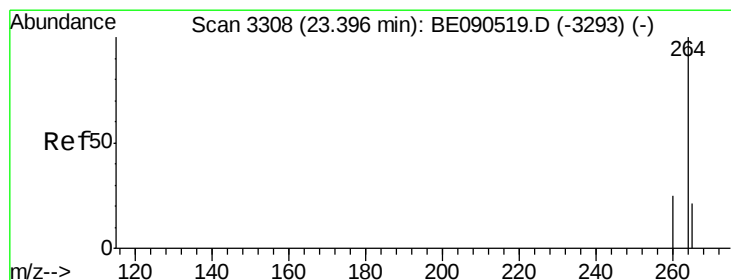
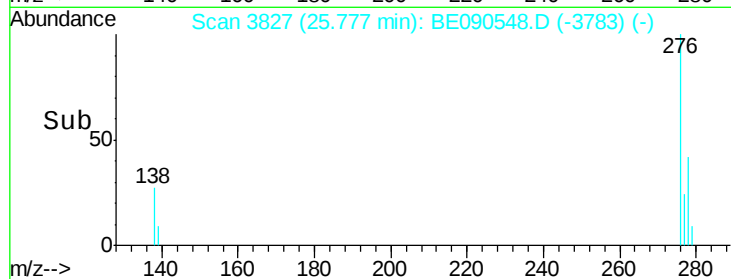
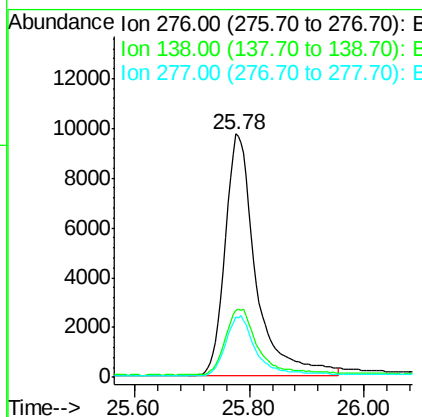
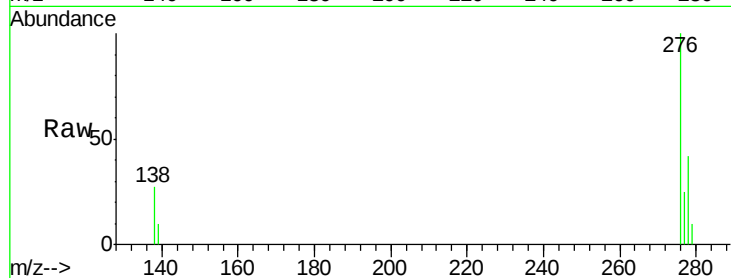




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 1.00 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. -0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

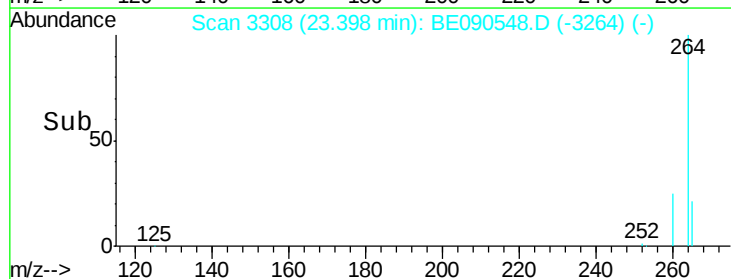
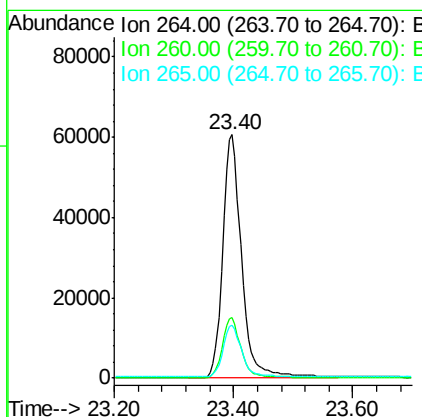
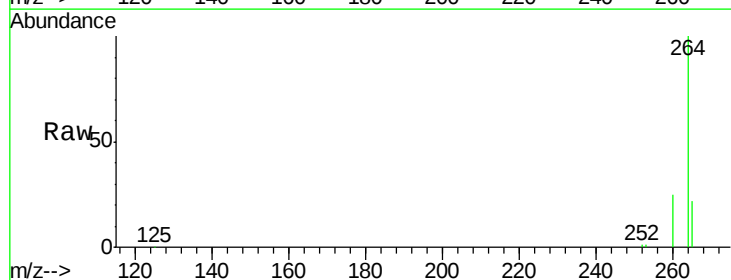
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 36552
 Ion Ratio Lower Upper
 276 100
 138 29.3 18.8 28.2#
 277 24.8 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090548.D
 Acq: 18 Aug 2015 00:24

Tgt Ion:264 Resp: 134142
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.9 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 1.01 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

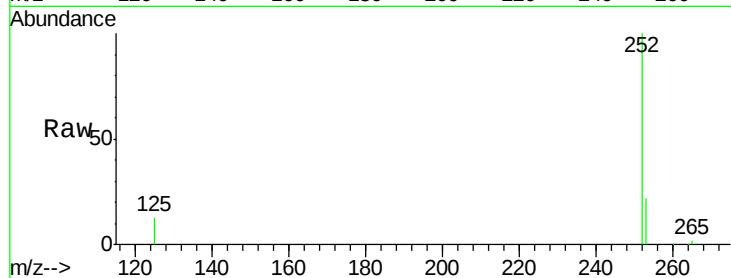
Tot Ion:252 Resp: 32218

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

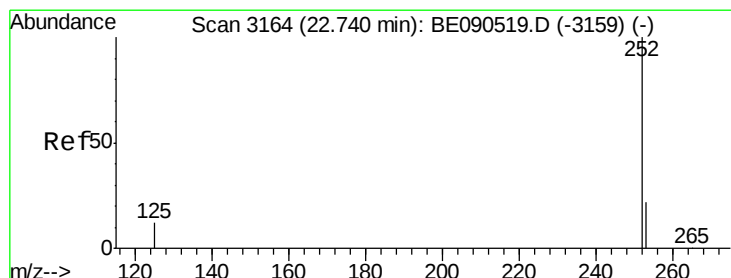
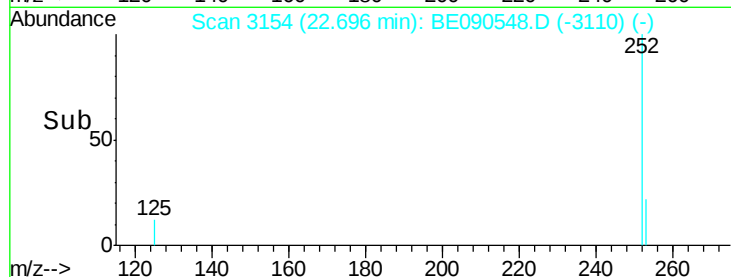
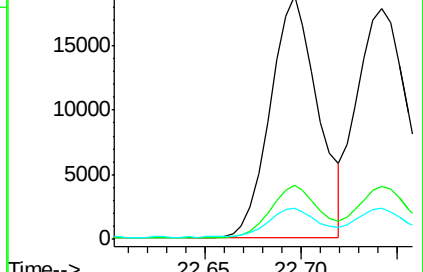
125 12.7 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 1.02 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

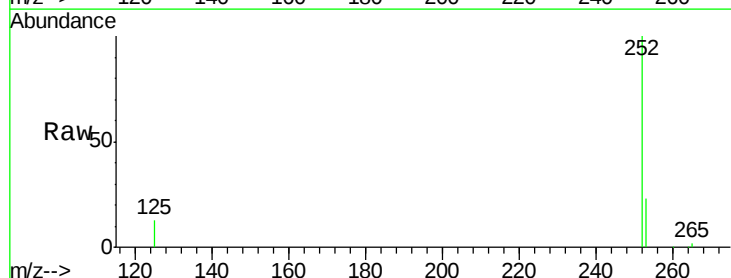
Tgt Ion:252 Resp: 36666

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

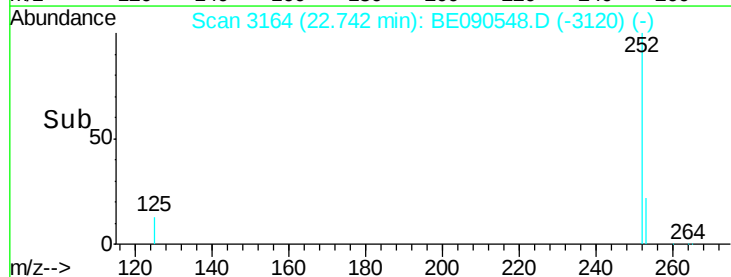
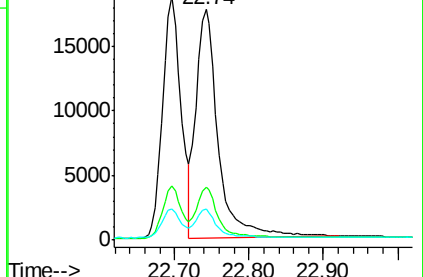
125 13.5 9.1 13.7



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





#35

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :

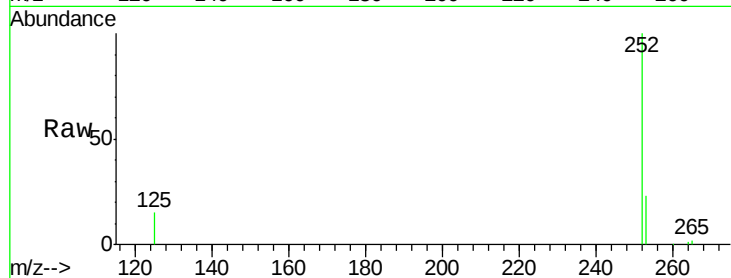
Tot Ion:252 Resp: 30162

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

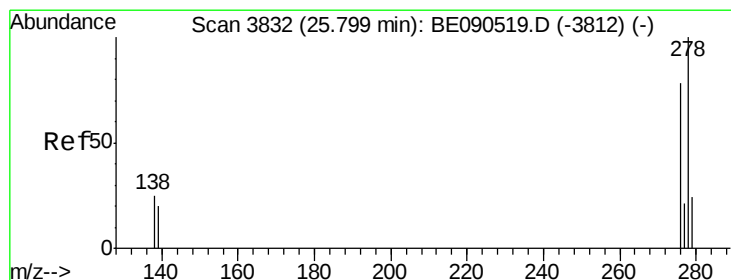
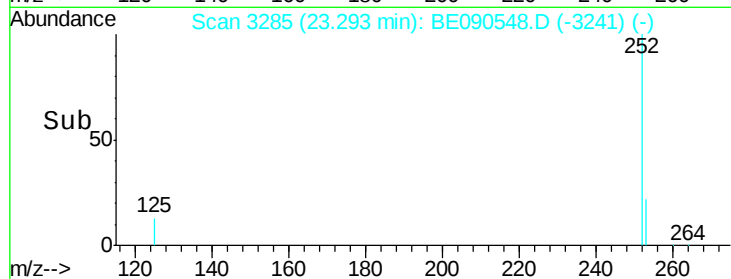
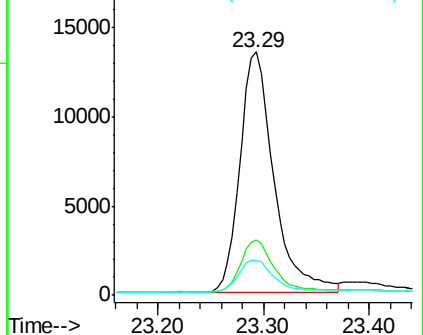
125 14.5 9.8 14.6



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: 1.00 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

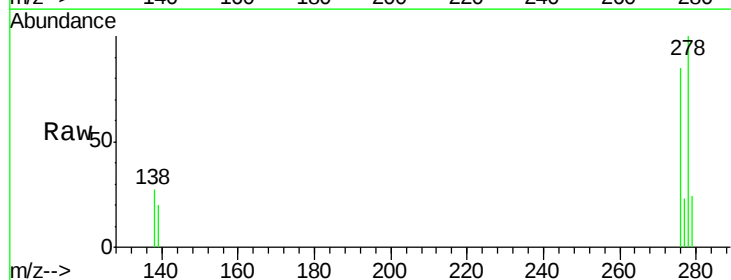
Tgt Ion:278 Resp: 28732

Ion Ratio Lower Upper

278 100

139 19.6 14.2 21.4

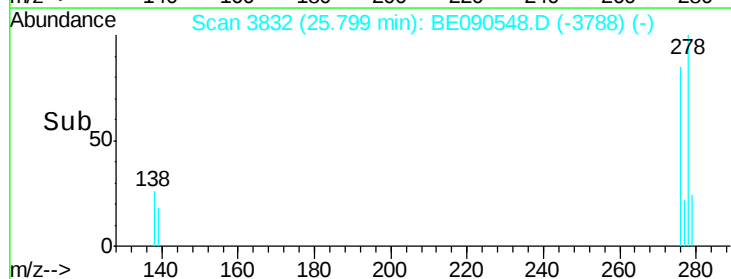
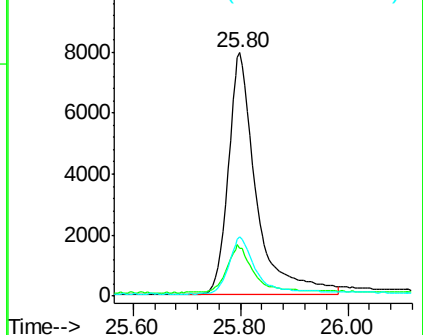
279 24.5 20.1 30.1



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(a,h,i)perylene

Concen: 1.03 ng

RT: 26.51 min Scan# 3988

Delta R.T. -0.00 min

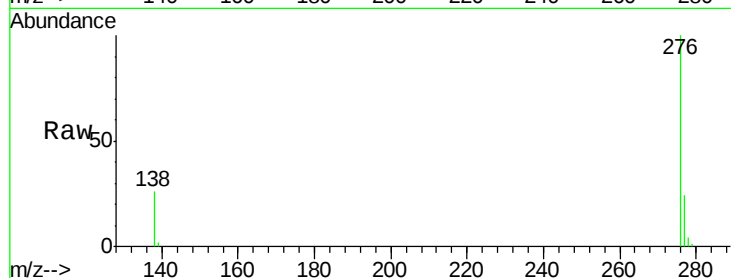
Lab File: BE090548.D

Acq: 18 Aug 2015 00:24

Instrument :

BNA_E

ClientSampleId :



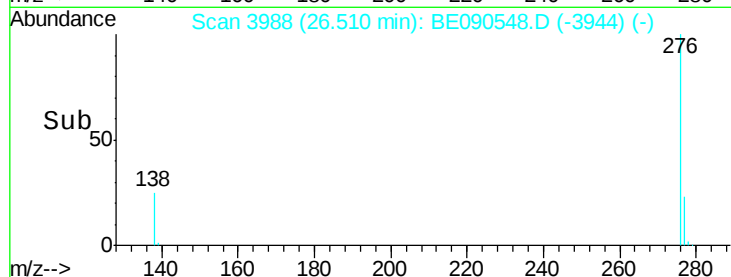
Tot Ion: 276 Resp: 32192

Ion Ratio Lower Upper

276 100

277 24.1 20.1 30.1

138 26.1 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

