

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090612.D
 Acq On : 25 Aug 2015 14:17
 Operator : UM/IZ
 Sample : PB85167BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:26:09 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

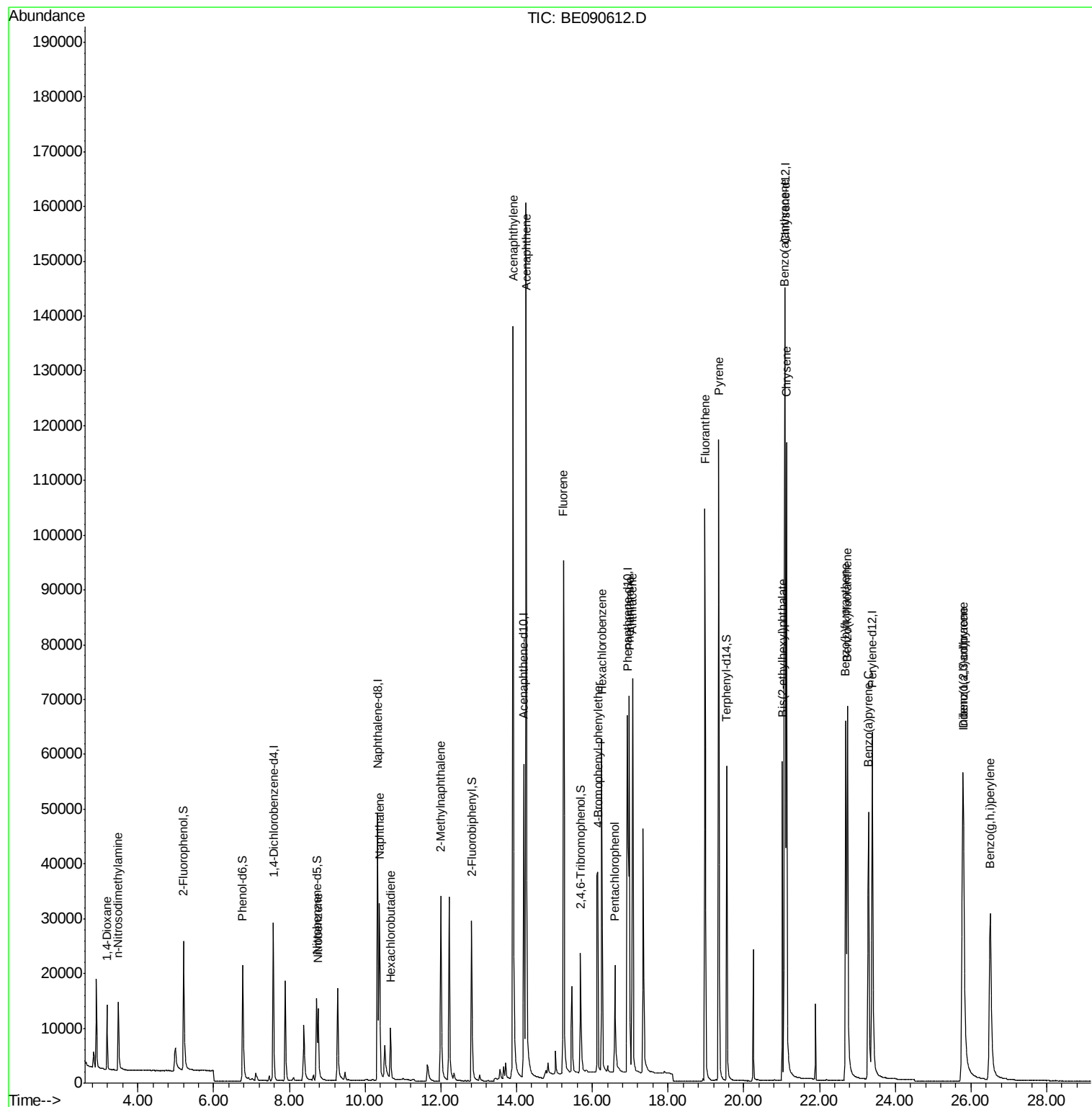
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14983	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	69645	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	39376	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	97144	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	116573	5.00	ng	0.00
32) Perylene-d12	23.39	264	99817	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	22257	5.14	ng	0.00
5) Phenol-d6	6.77	99	31950	5.02	ng	0.00
7) Nitrobenzene-d5	8.72	82	16784	3.02	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	10827	7.14	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	36135	3.07	ng	0.00
27) Terphenyl-d14	19.55	244	68698	3.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	6466	3.79	ng	99
3) n-Nitrosodimethylamine	3.48	42	8046	3.11	ng	# 79
8) Nitrobenzene	8.76	77	17458	3.04	ng	96
9) Naphthalene	10.38	128	46939	2.97	ng	99
10) Hexachlorobutadiene	10.67	225	7066	3.04	ng	99
11) 2-Methylnaphthalene	12.00	142	31982	3.10	ng	96
15) Acenaphthylene	13.91	152	220971	3.07	ng	100
16) Acenaphthene	14.25	154	32837	3.04	ng	86
17) Fluorene	15.24	166	47136	3.55	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	12759	3.21	ng	78
20) Hexachlorobenzene	16.25	284	58224	3.31	ng	96
21) Pentachlorophenol	16.60	266	11930	5.62	ng	89
22) Phenanthrene	16.98	178	85677	3.36	ng	100
23) Anthracene	17.07	178	83241	3.55	ng	100
24) Fluoranthene	18.98	202	102099	3.76	ng	99
26) Pyrene	19.34	202	110139	3.30	ng	99
28) Benzo(a)anthracene	21.07	228	102205	3.33	ng	100
29) Chrysene	21.13	228	108253	3.45	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	47562	2.66	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	94400	3.20	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	86045	3.64	ng	98
34) Benzo(k)fluoranthene	22.74	252	104860	3.92	ng	98
35) Benzo(a)pyrene	23.29	252	87892	3.97	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	74949	3.51	ng	97
37) Benzo(g,h,i)perylene	26.50	276	84432	3.62	ng	96

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

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BNA_E
ClientSampled :

Quant Time: Aug 26 03:26:09 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# 843

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

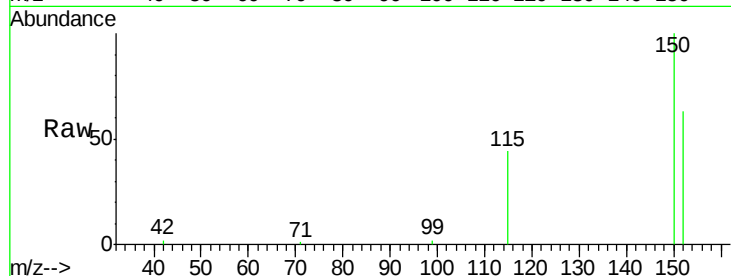
Tot Ion:152 Resp: 14983

Ion Ratio Lower Upper

152 100

150 158.2 123.0 184.4

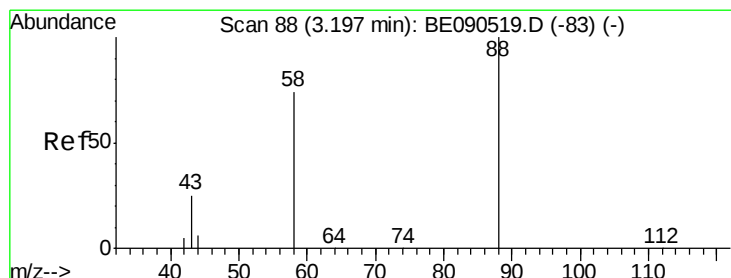
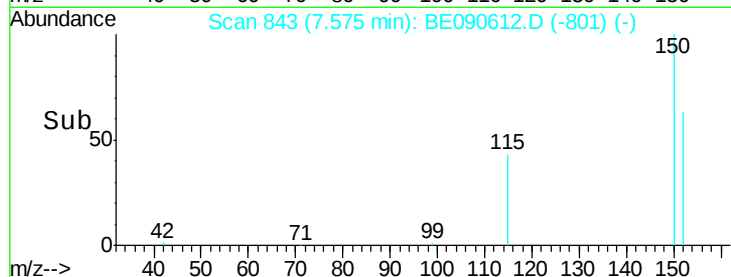
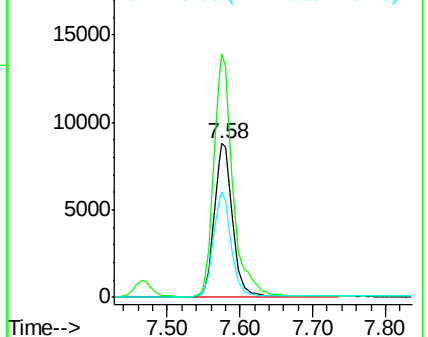
115 68.9 48.9 73.3



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: 3.79 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

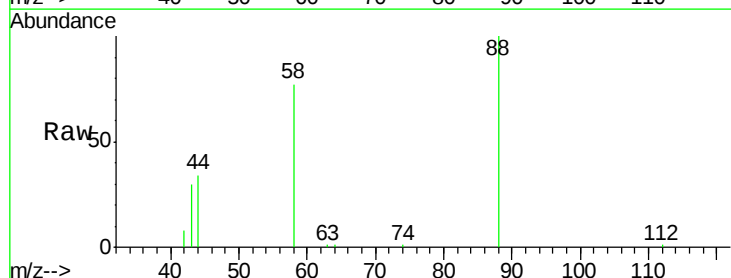
Tgt Ion: 88 Resp: 6466

Ion Ratio Lower Upper

88 100

58 86.5 70.0 105.0

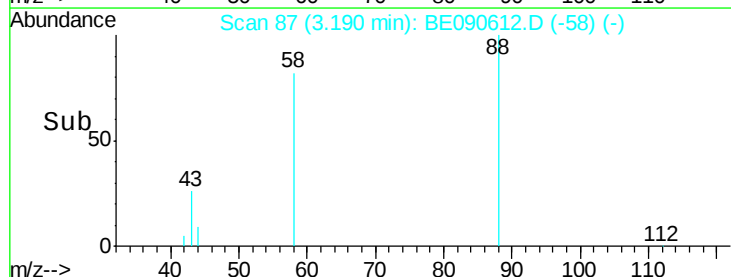
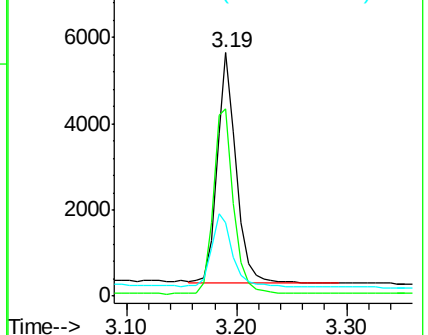
43 35.2 28.4 42.6



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: 3.11 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

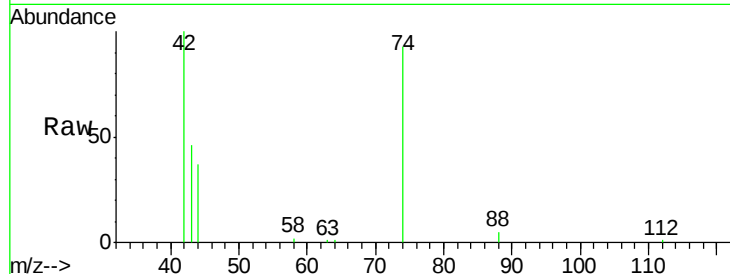
Tot Ion: 42 Resp: 8046

Ion Ratio Lower Upper

42 100

74 115.7 75.2 112.8#

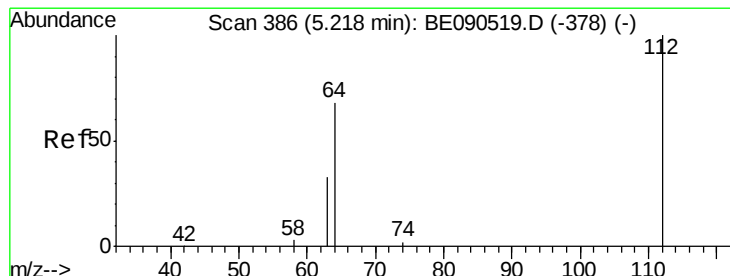
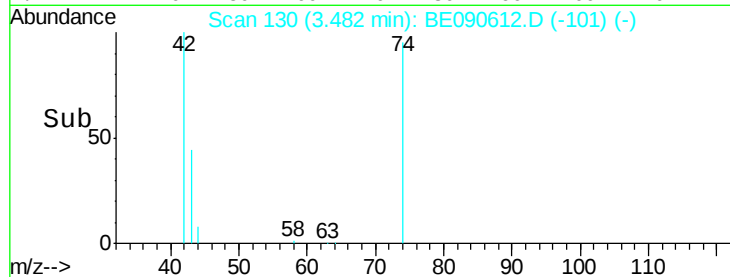
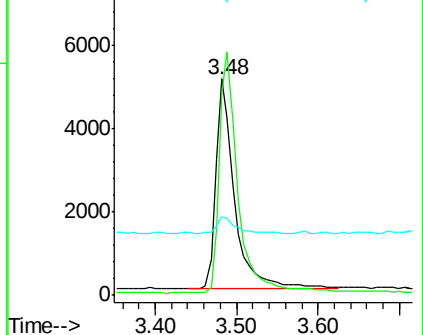
44 8.2 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE090519.D (-126) (-)

Ion 74.00 (73.70 to 74.70): BE090519.D (-126) (-)

Ion 44.00 (43.70 to 44.70): BE090519.D (-126) (-)



#4

2-Fluorophenol

Concen: 5.14 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

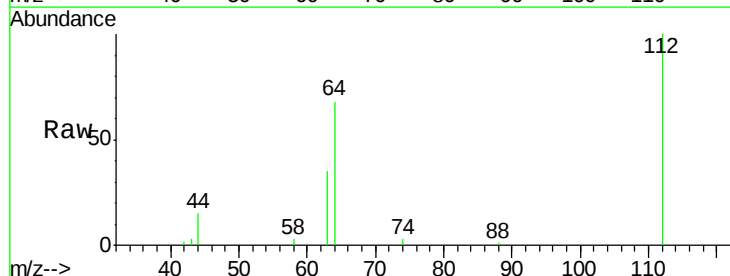
Tgt Ion: 112 Resp: 22257

Ion Ratio Lower Upper

112 100

64 69.8 37.1 55.7#

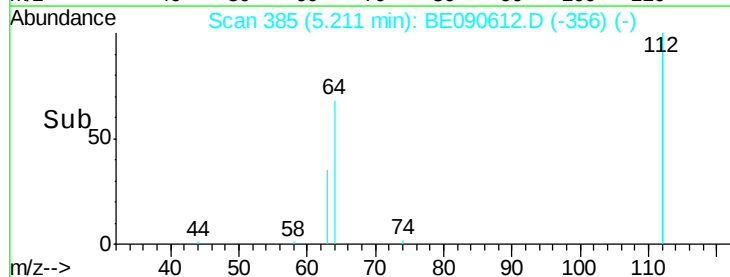
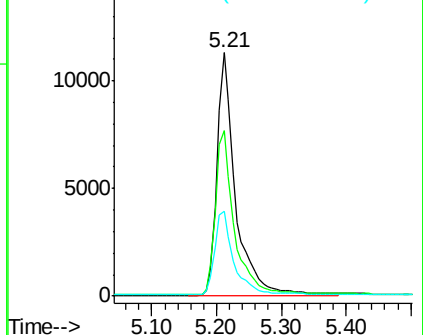
63 36.2 19.5 29.3#

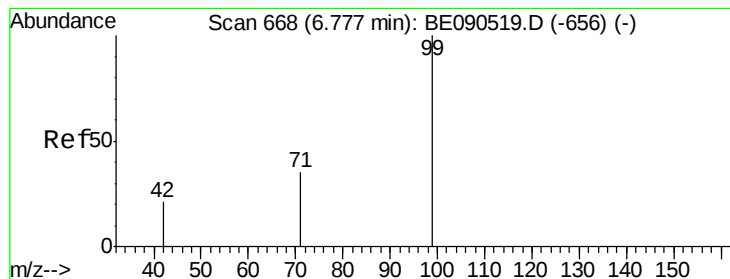


Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)





#5

Phenol-d6

Concen: 5.02 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

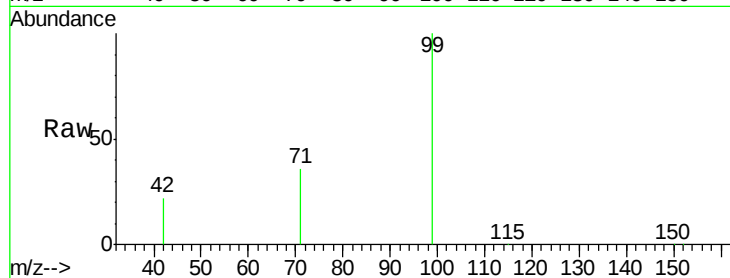
Tot Ion: 99 Resp: 31950

Ion Ratio Lower Upper

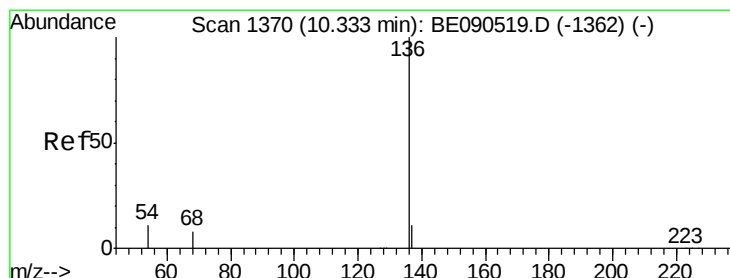
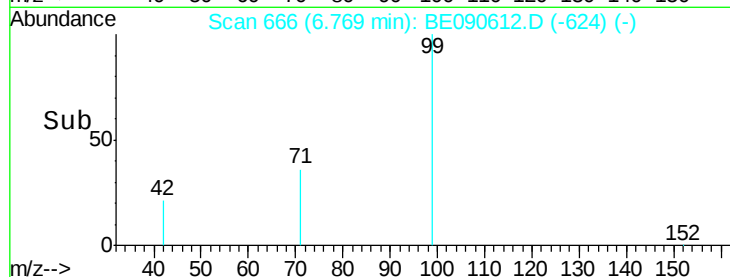
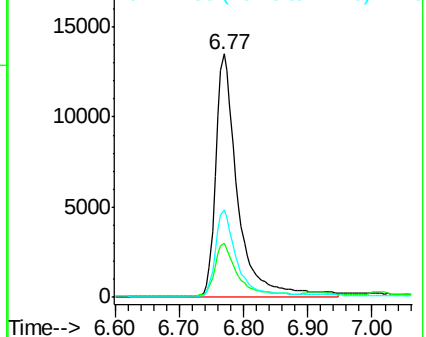
99 100

42 21.2 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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Tgt Ion: 136 Resp: 69645

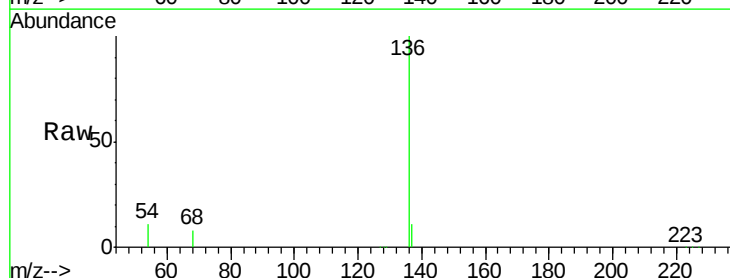
Ion Ratio Lower Upper

136 100

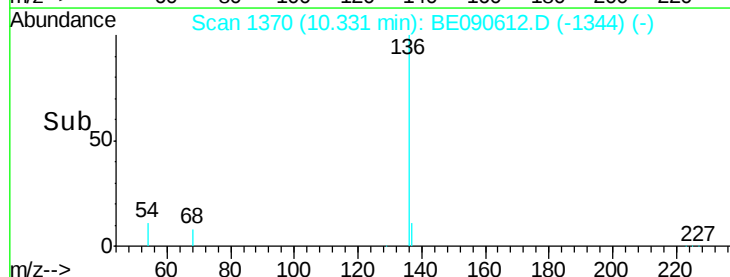
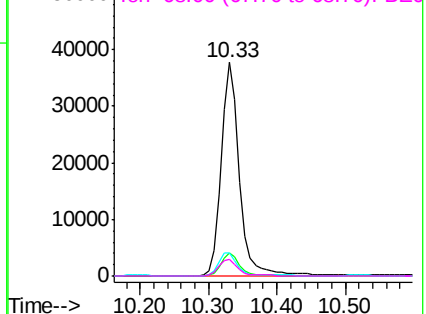
137 11.0 8.7 13.1

54 10.8 9.4 14.0

68 7.9 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.02 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

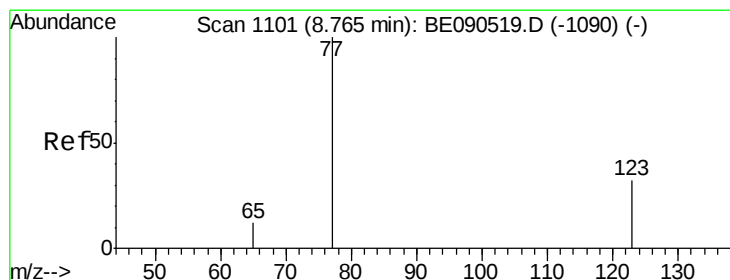
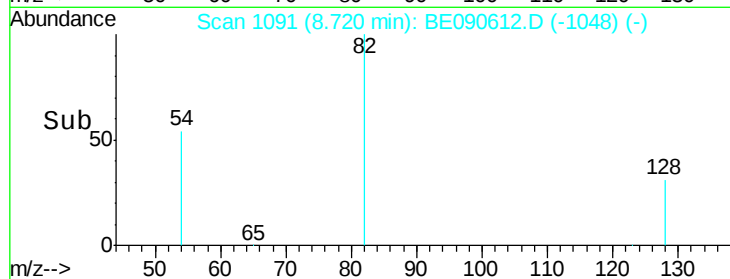
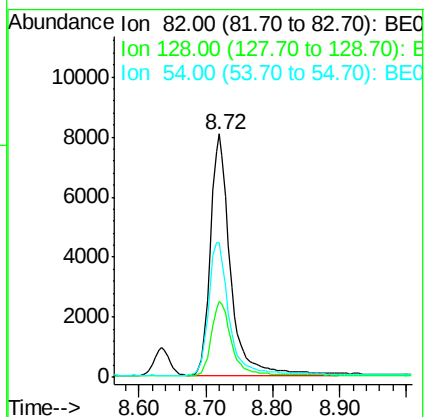
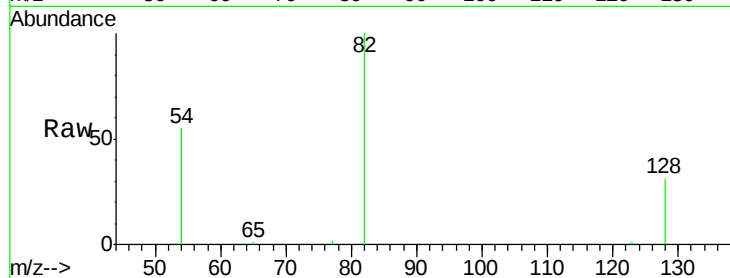
Tot Ion: 82 Resp: 16784

Ion Ratio Lower Upper

82 100

128 31.1 25.0 37.6

54 55.1 48.8 73.2



#8

Nitrobenzene

Concen: 3.04 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

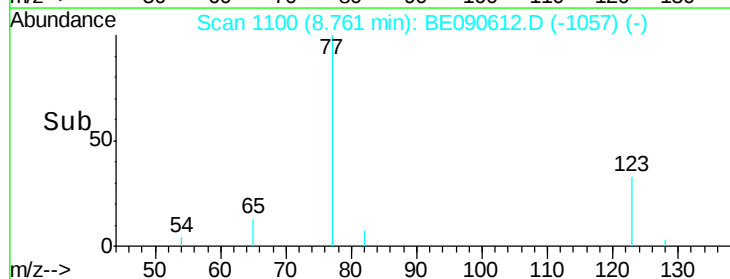
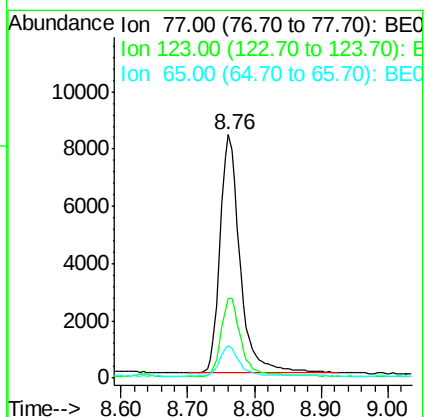
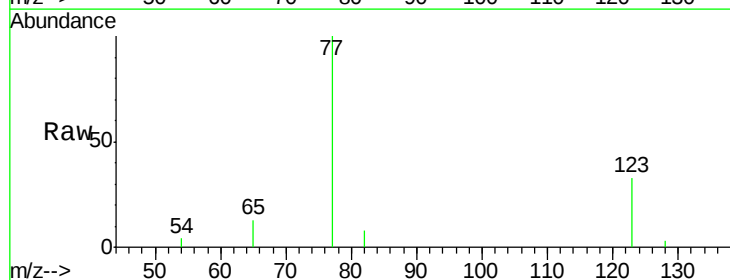
Tgt Ion: 77 Resp: 17458

Ion Ratio Lower Upper

77 100

123 33.8 25.1 37.7

65 12.4 9.3 13.9





#9

Naphthalene

Concen: 2.97 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

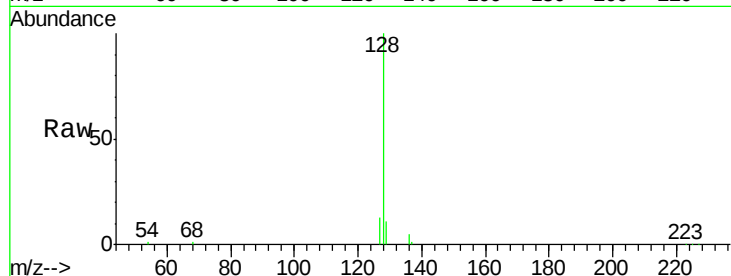
Tot Ion:128 Resp: 46939

Ion Ratio Lower Upper

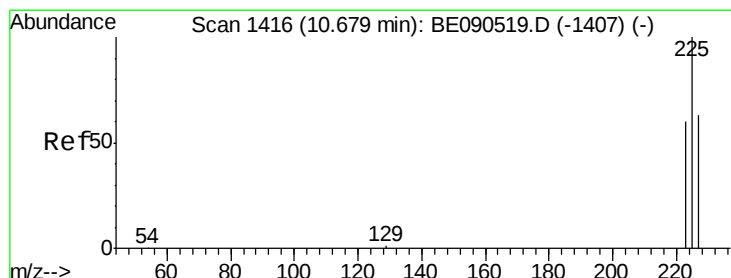
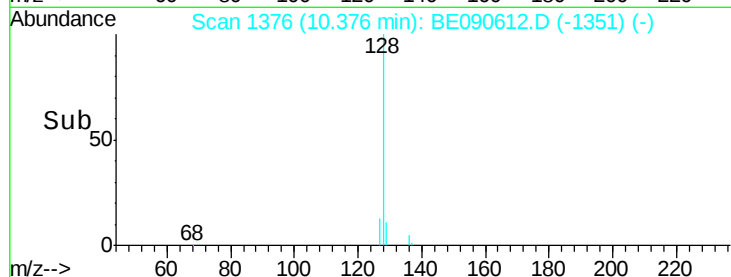
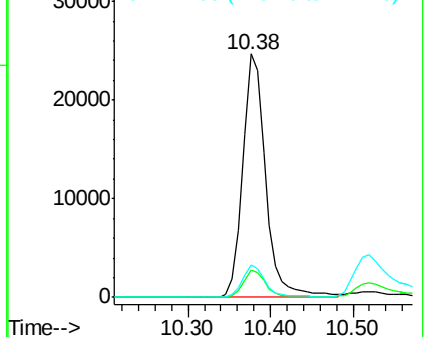
128 100

129 11.4 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: 3.04 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

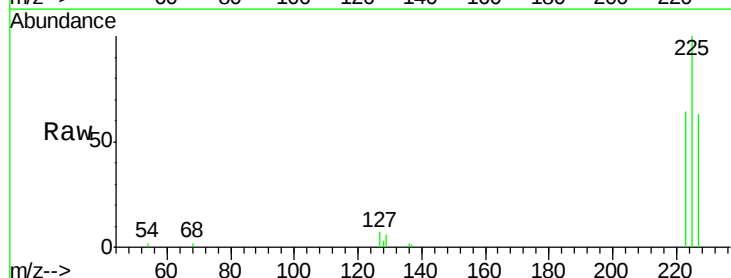
Tgt Ion:225 Resp: 7066

Ion Ratio Lower Upper

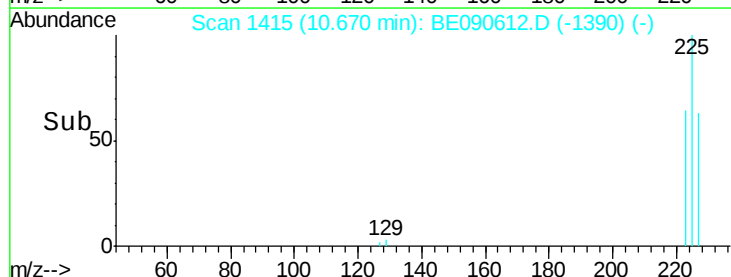
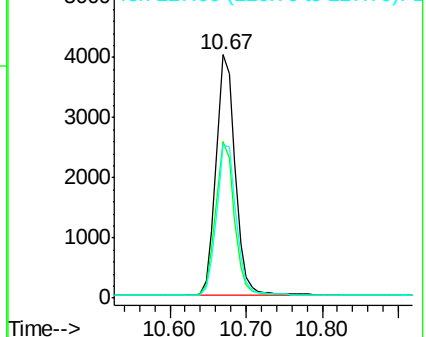
225 100

223 62.5 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: 3.10 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

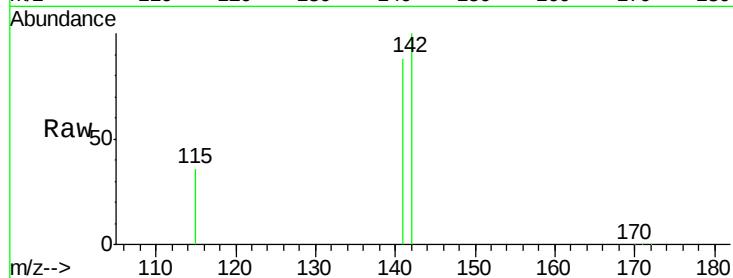
Tot Ion:142 Resp: 31982

Ion Ratio Lower Upper

142 100

141 87.7 72.6 109.0

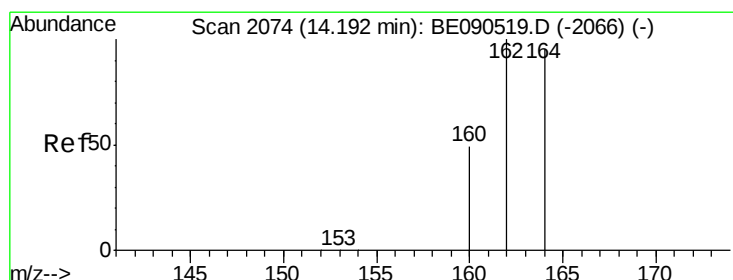
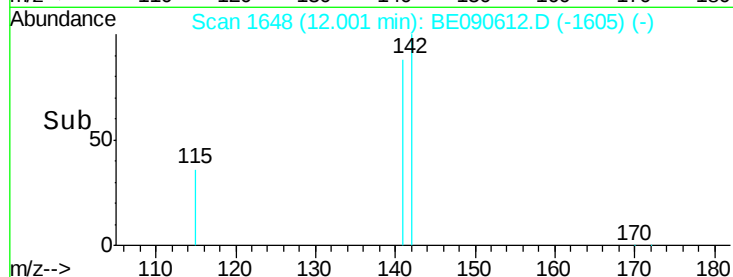
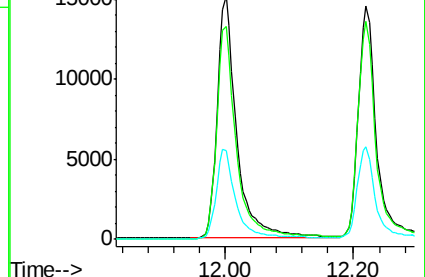
115 36.3 31.6 47.4



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# 2074

Delta R.T. 0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

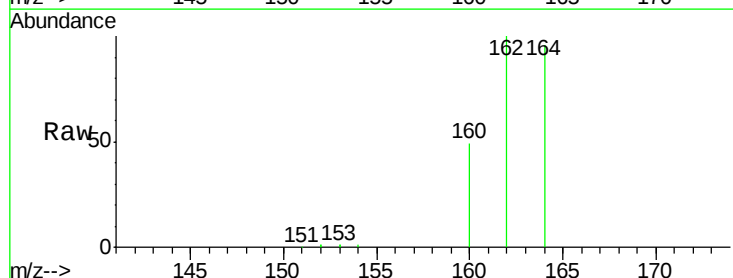
Tgt Ion:164 Resp: 39376

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

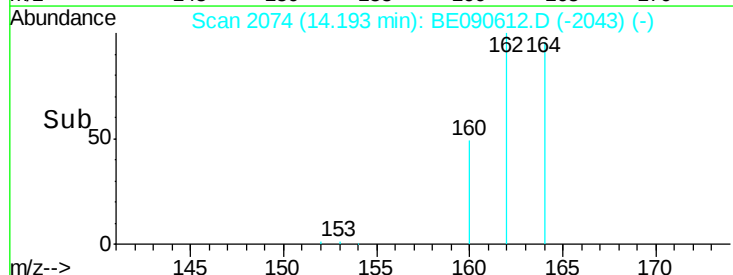
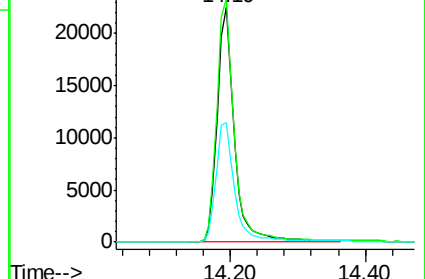
160 51.2 44.2 66.4



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

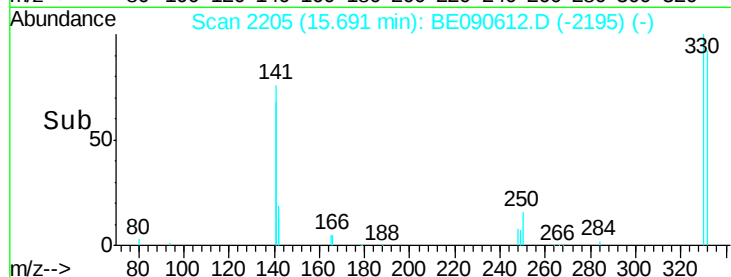
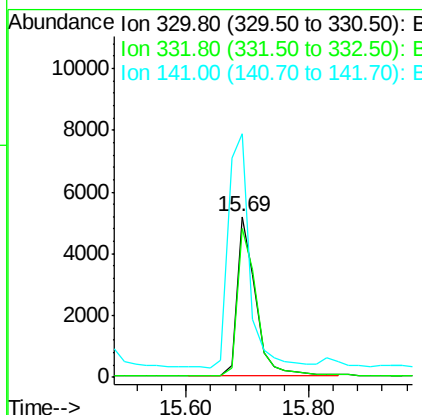
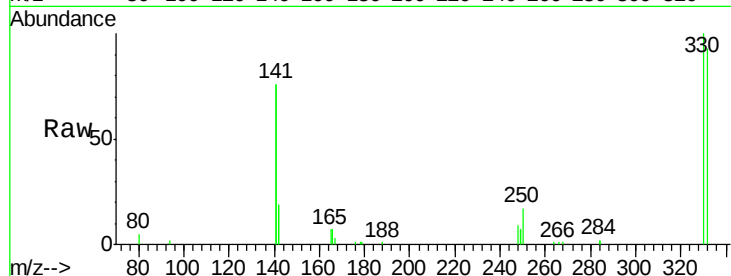




#13
 2,4,6-Tribromophenol
 Concen: 7.14 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090612.D
 Acq: 25 Aug 2015 14:17

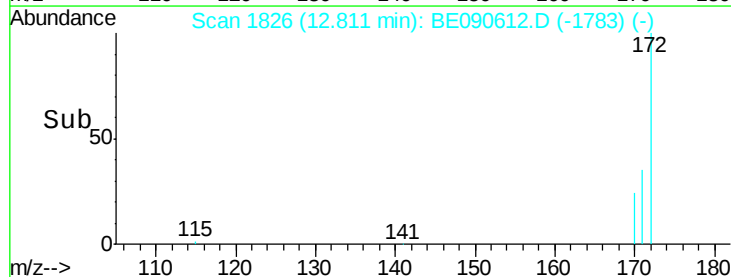
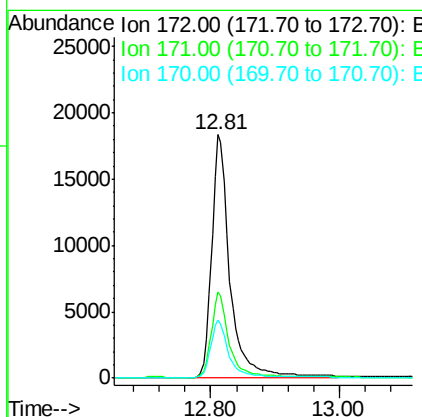
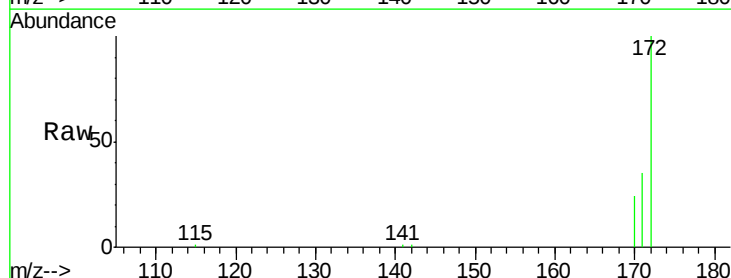
Instrument :
 BNA_E
 ClientSampled :

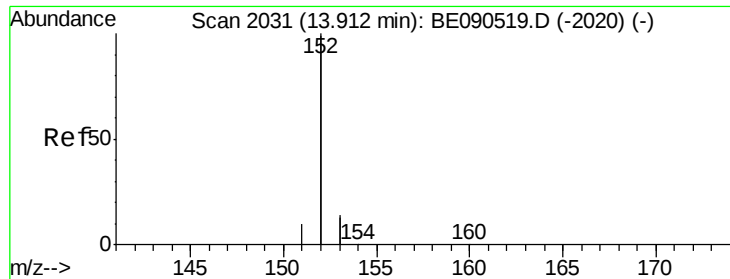
Tot Ion:330 Resp: 10827
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.6
 141 168.4 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BE090612.D
 Acq: 25 Aug 2015 14:17

Tgt Ion:172 Resp: 36135
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.8 19.8 29.8





#15

Acenaphthylene

Concen: 3.07 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

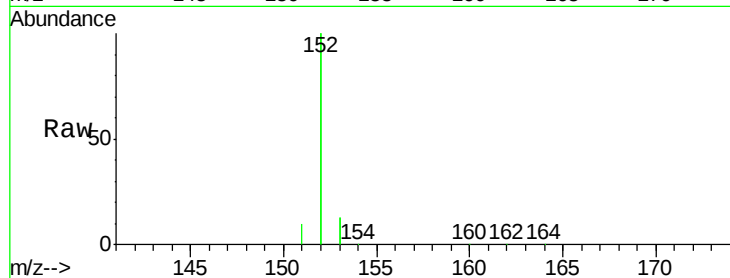
Tot Ion:152 Resp: 220971

Ion Ratio Lower Upper

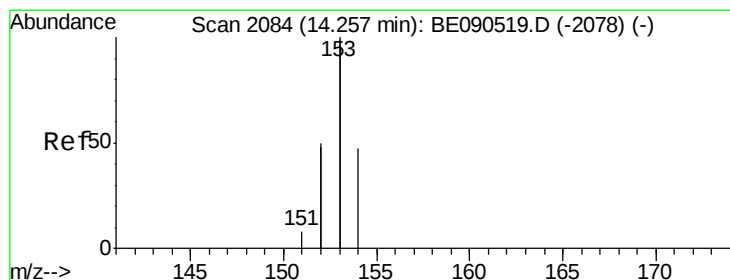
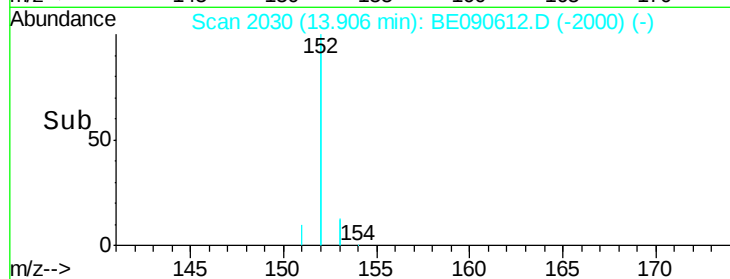
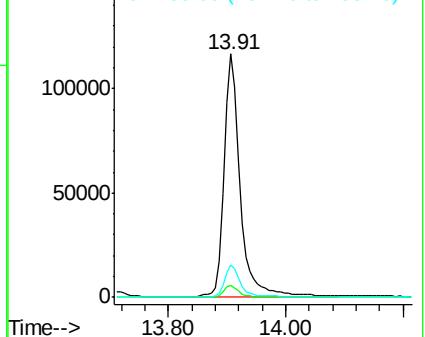
152 100

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: 3.04 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

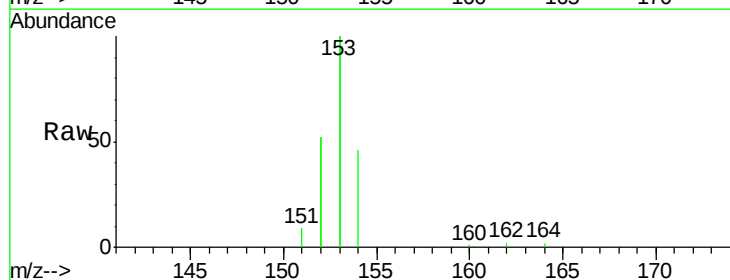
Tgt Ion:154 Resp: 32837

Ion Ratio Lower Upper

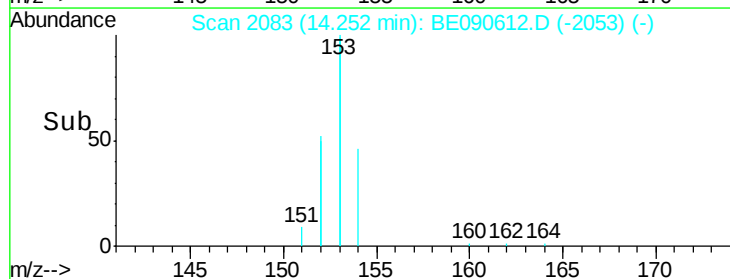
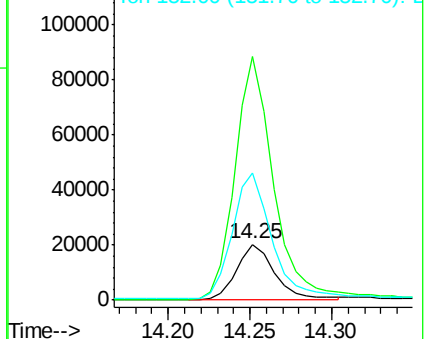
154 100

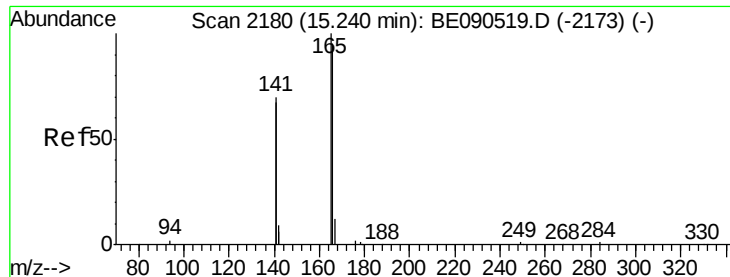
153 455.5 376.2 564.2

152 241.0 235.0 352.4



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: 3.55 ng

RT: 15.24 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

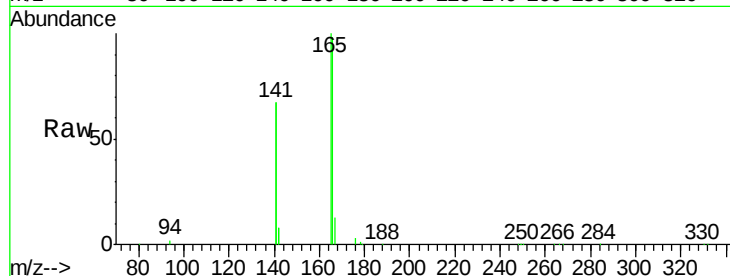
Tot Ion:166 Resp: 47136

Ion Ratio Lower Upper

166 100

165 98.7 81.5 122.3

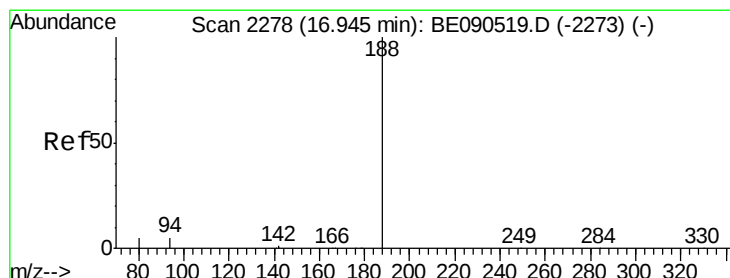
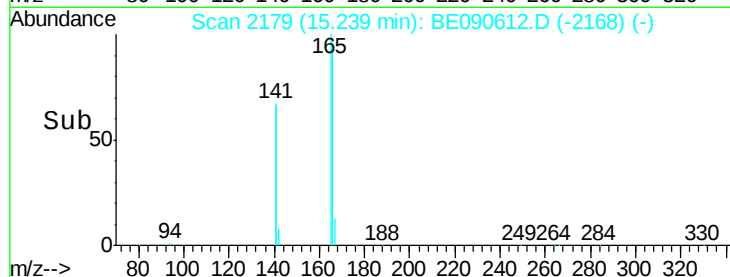
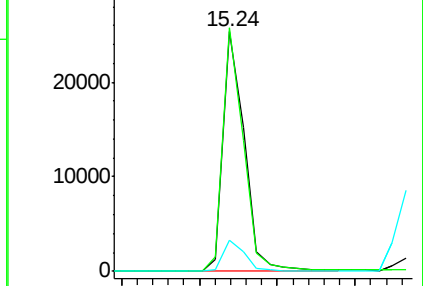
167 13.2 11.4 17.0



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: 16.93 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

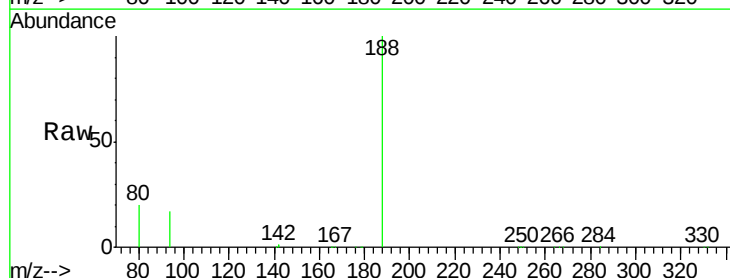
Tgt Ion:188 Resp: 97144

Ion Ratio Lower Upper

188 100

94 17.3 5.7 8.5#

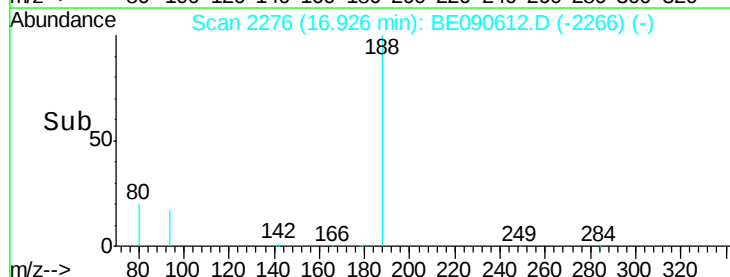
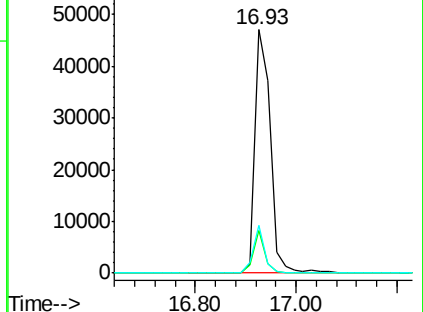
80 19.7 5.8 8.8#

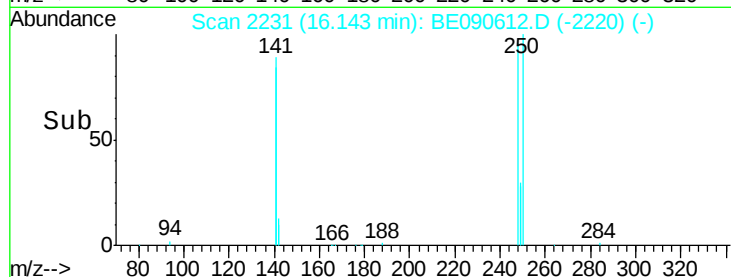
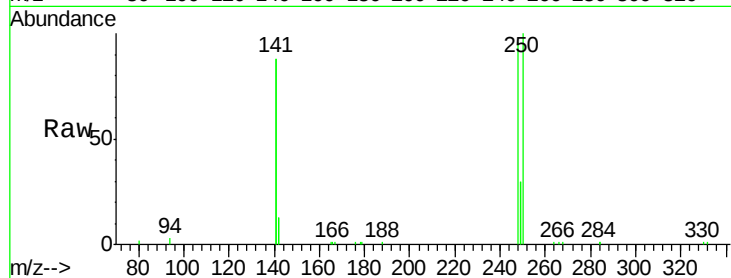
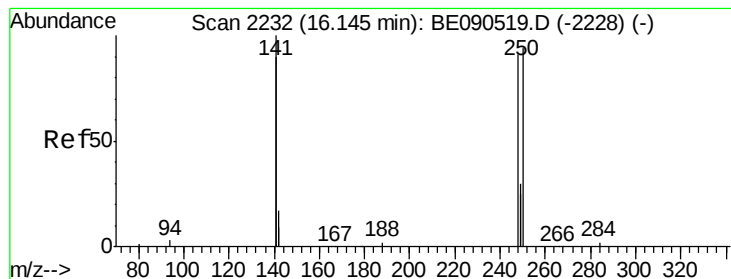


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 3.21 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

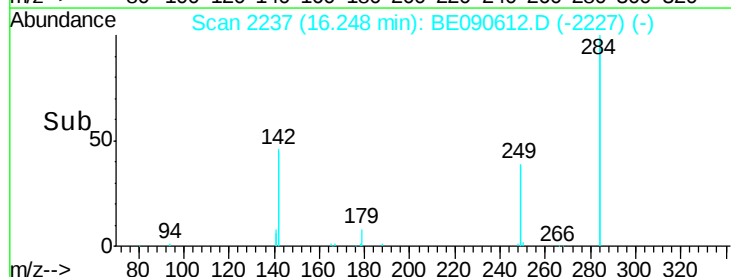
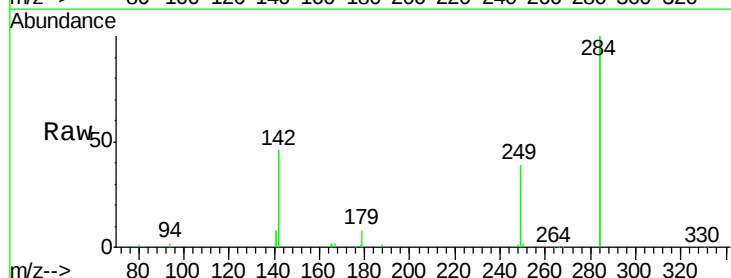
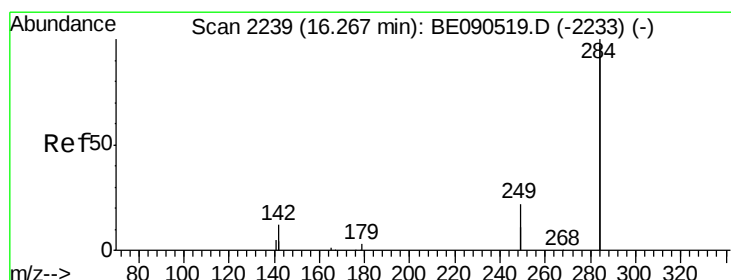
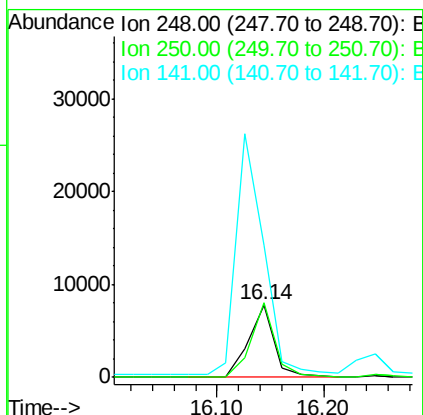
Tot Ion:248 Resp: 12759

Ion Ratio Lower Upper

248 100

250 96.9 79.0 118.6

141 355.4 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.31 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

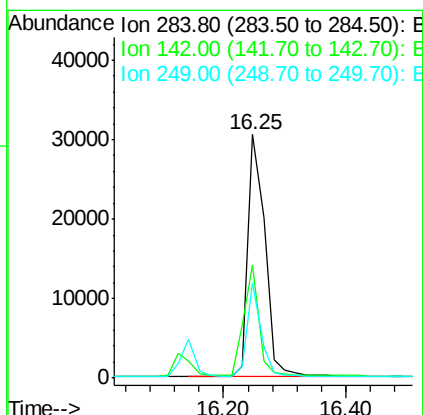
Tgt Ion:284 Resp: 58224

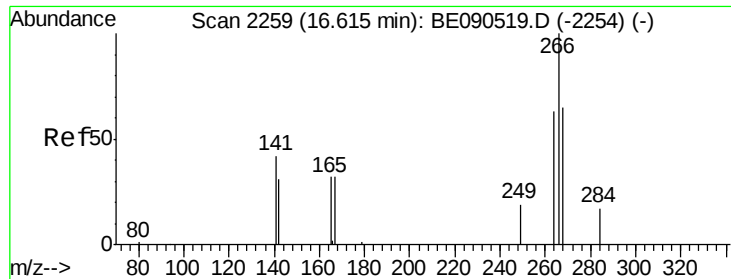
Ion Ratio Lower Upper

284 100

142 41.2 30.1 45.1

249 31.4 25.7 38.5

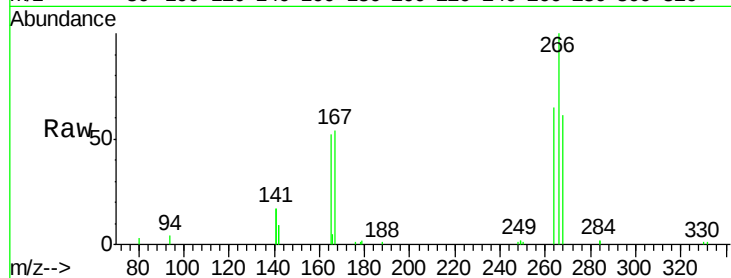




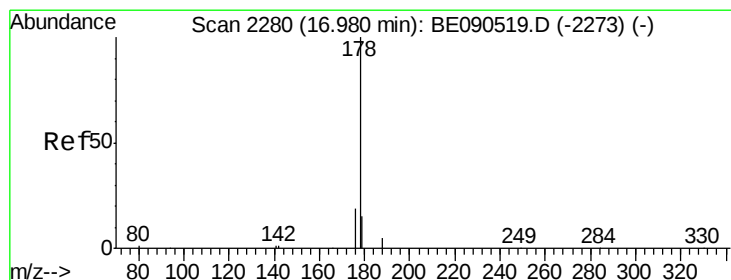
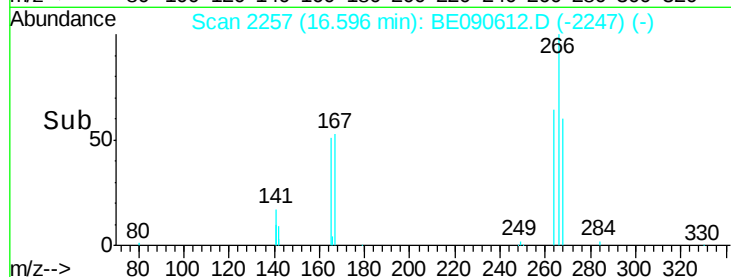
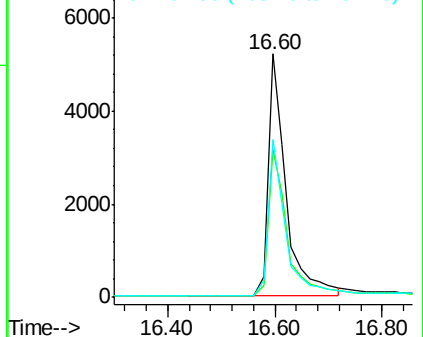
#21
 Pentachlorophenol
 Concen: 5.62 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090612.D
 Acq: 25 Aug 2015 14:17

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 11930
 Ion Ratio Lower Upper
 266 100
 268 60.5 58.5 87.7
 264 64.6 56.0 84.0

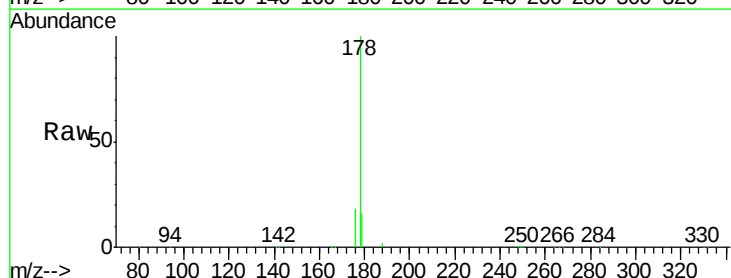


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

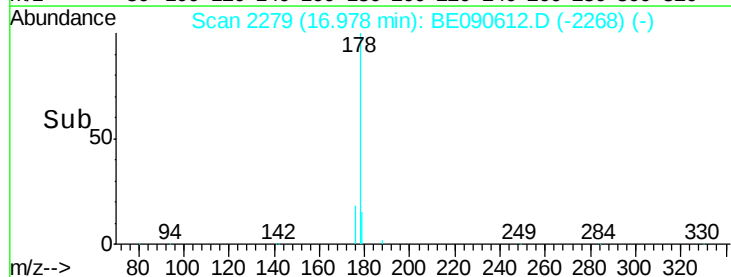
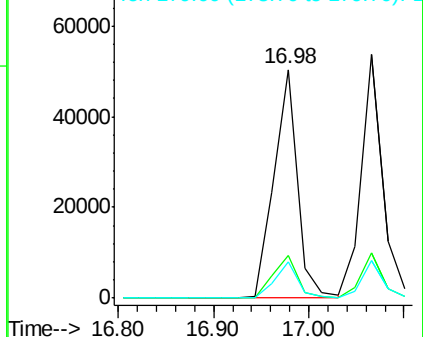


#22
 Phenanthrene
 Concen: 3.36 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090612.D
 Acq: 25 Aug 2015 14:17

Tgt Ion:178 Resp: 85677
 Ion Ratio Lower Upper
 178 100
 176 19.2 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: 3.55 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

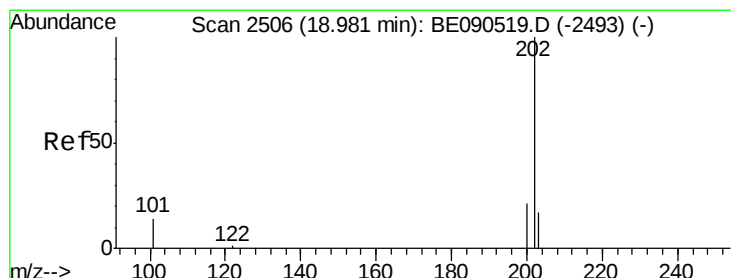
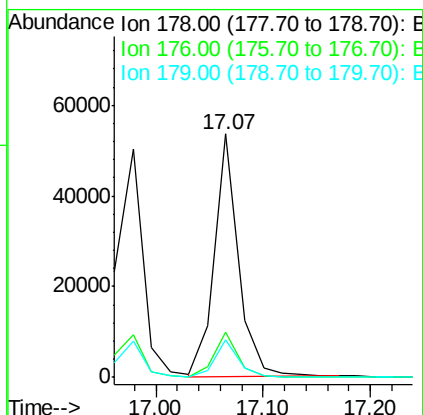
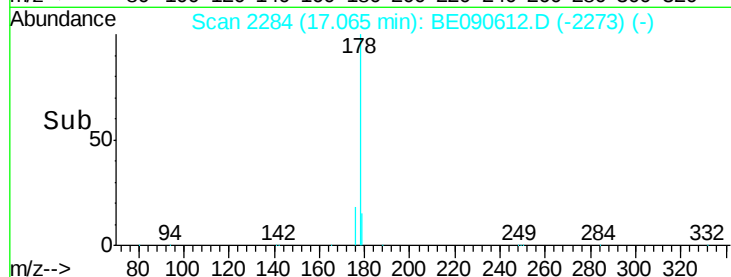
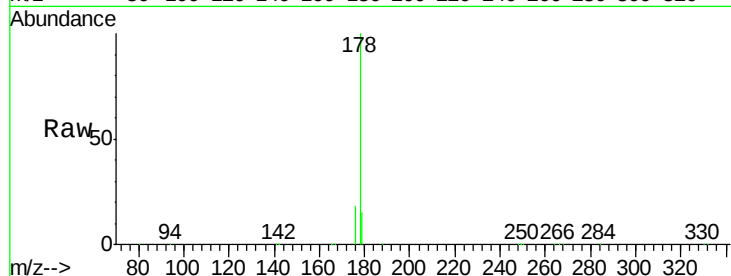
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 83241

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4



#24

Fluoranthene

Concen: 3.76 ng

RT: 18.98 min Scan# 2504

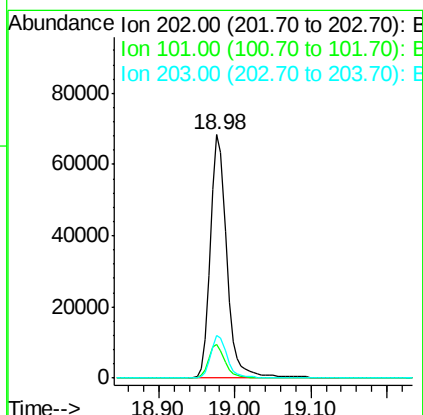
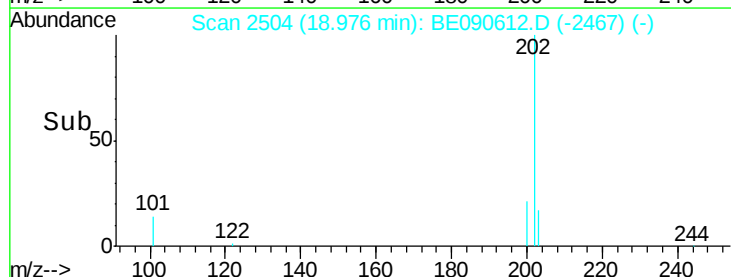
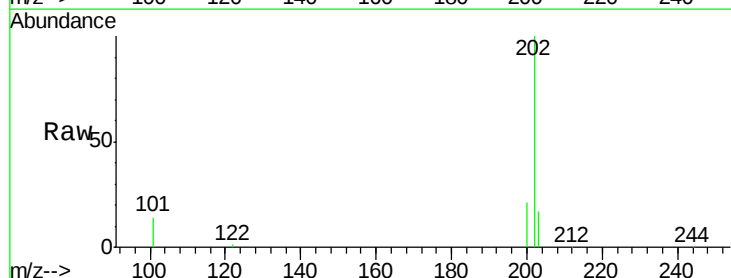
Delta R.T. -0.00 min

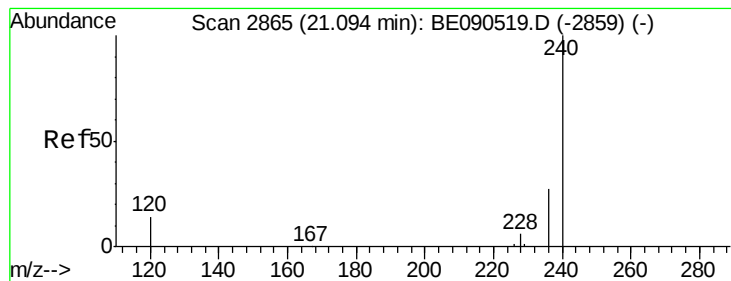
Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Tgt Ion:202 Resp: 102099

Ion	Ratio	Lower	Upper
202	100		
101	13.9	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. 0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

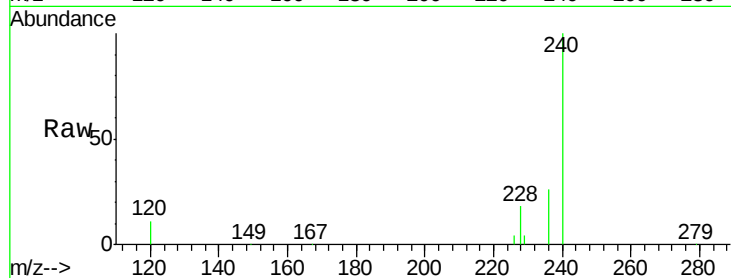
Tot Ion:240 Resp: 116573

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

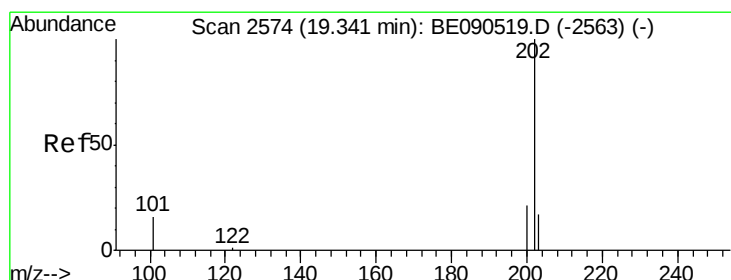
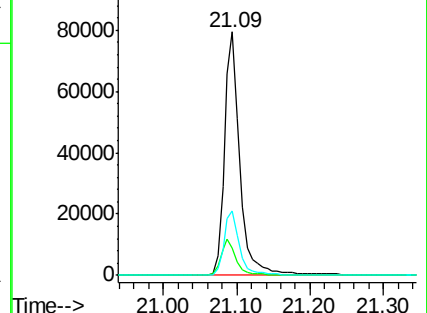
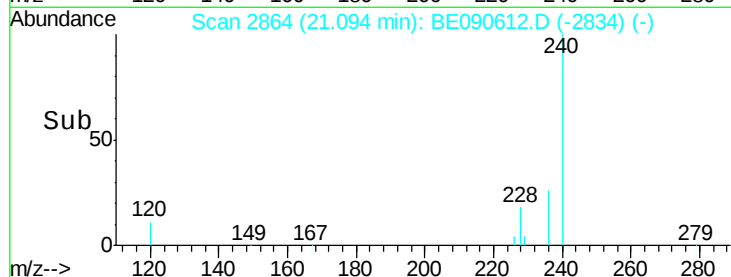
236 26.2 21.0 31.4



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: 3.30 ng

RT: 19.34 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

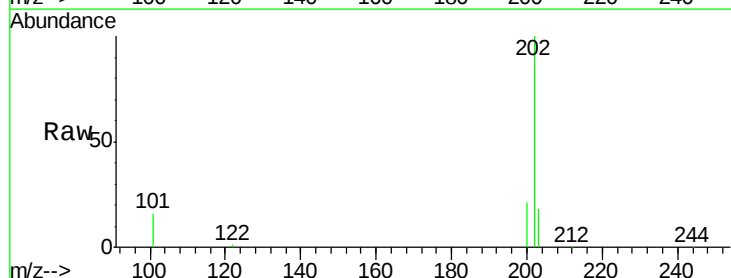
Tgt Ion:202 Resp: 110139

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

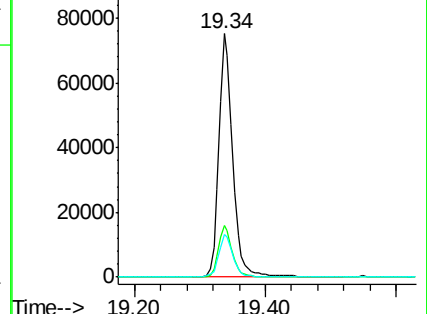
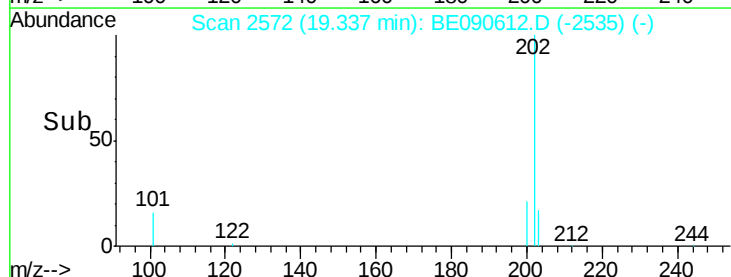
203 18.0 13.8 20.8

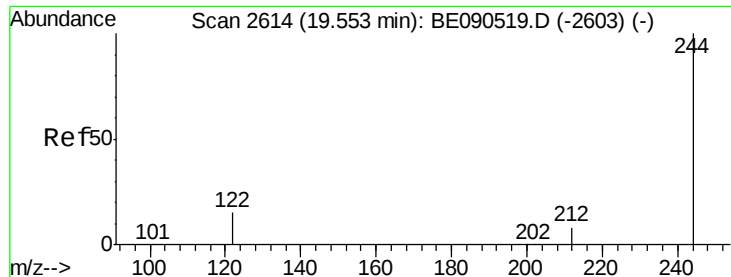


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 3.22 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

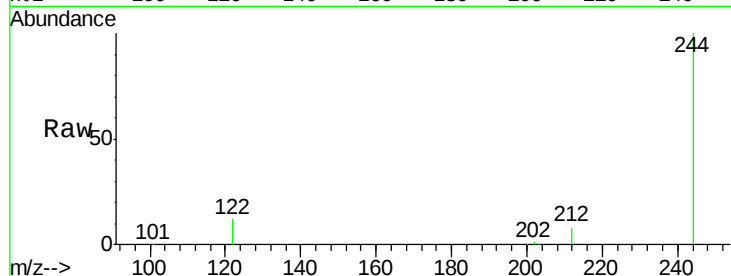
Tot Ion:244 Resp: 68698

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

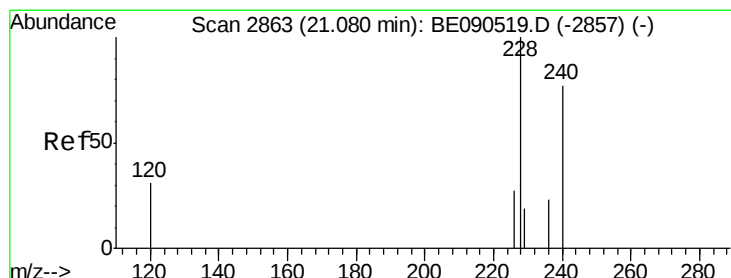
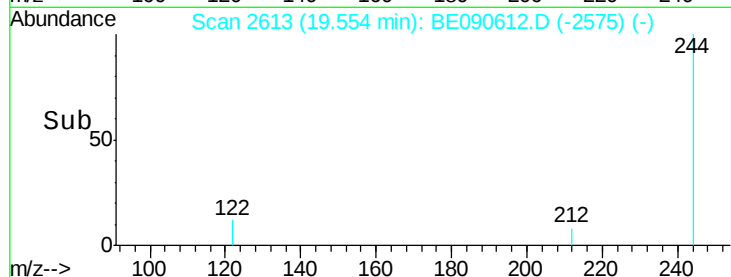
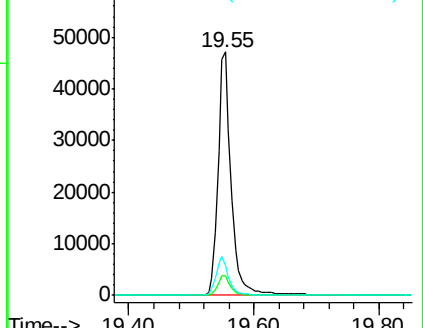
122 12.2 10.2 15.4



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: 3.33 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

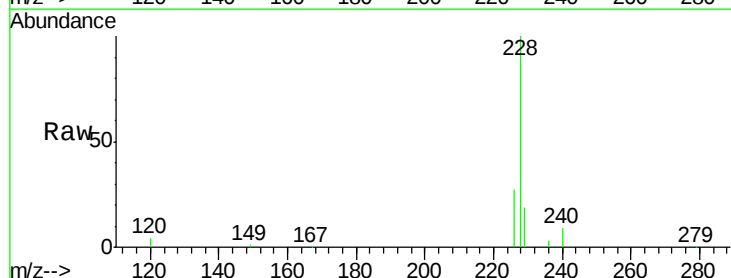
Tgt Ion:228 Resp: 102205

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

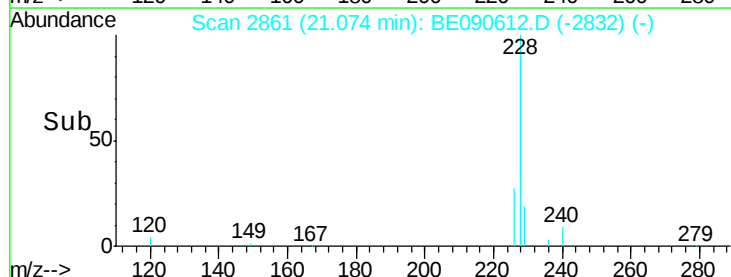
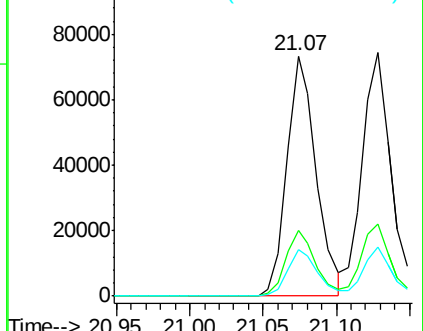
229 19.2 15.4 23.0



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: 3.45 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampled :

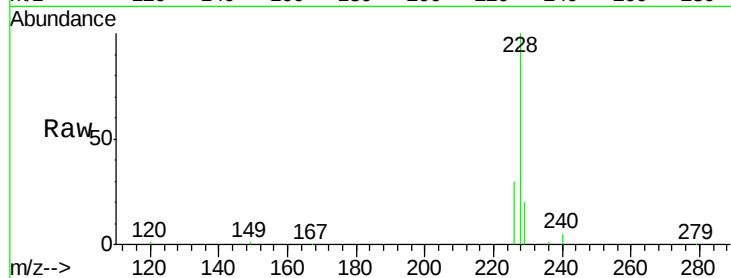
Tot Ion:228 Resp: 108253

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

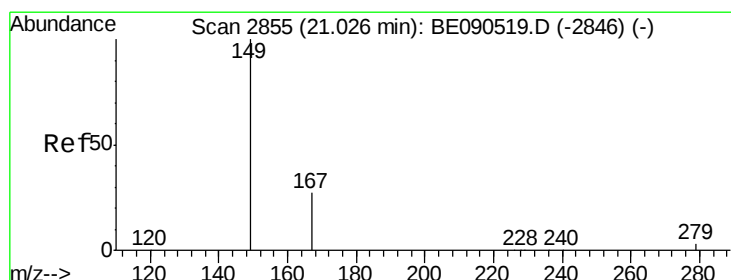
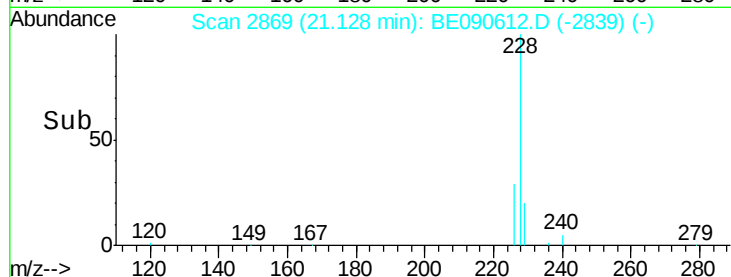
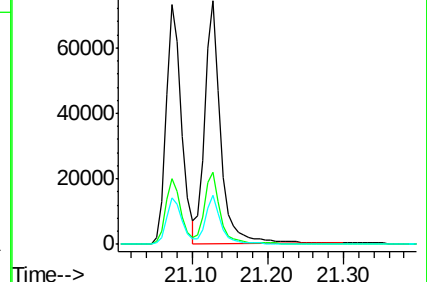
229 19.9 15.8 23.8



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: 2.66 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

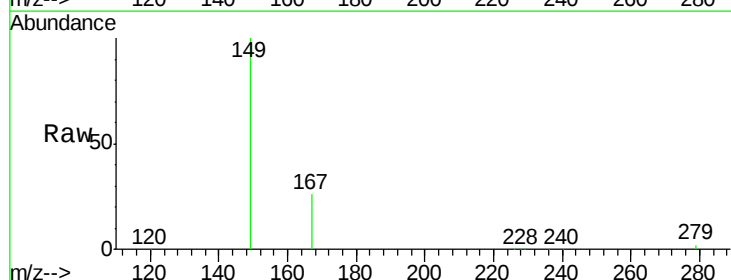
Tgt Ion:149 Resp: 47562

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

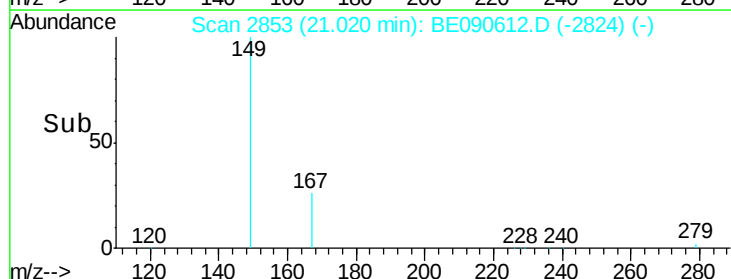
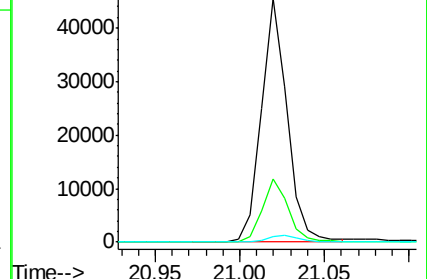
279 3.0 2.4 3.6

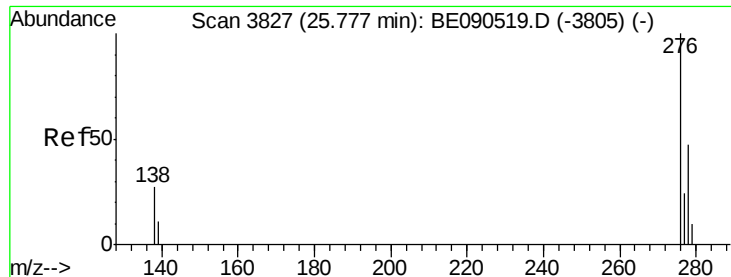


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

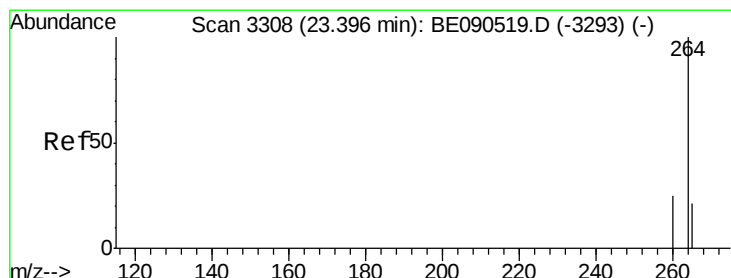
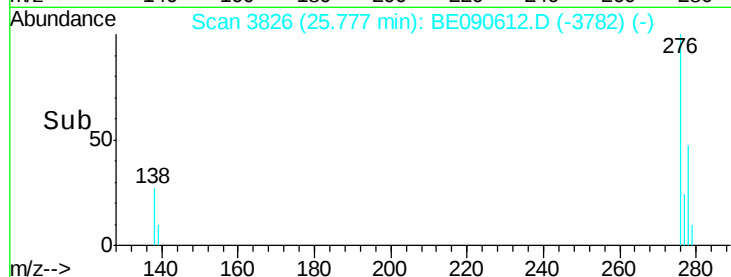
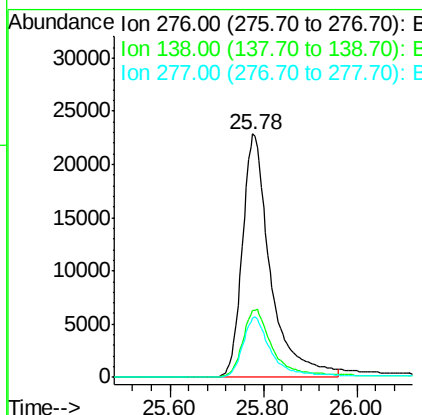
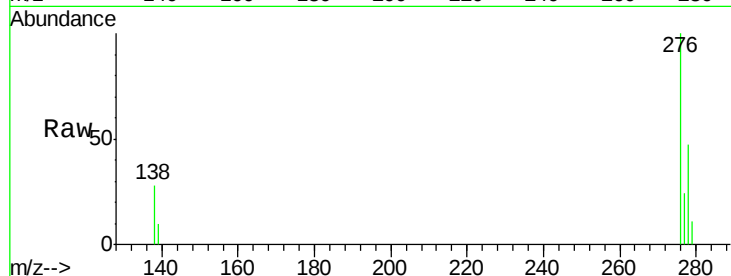




#31
Indeno(1,2,3-cd)pyrene
Concen: 3.20 ng
RT: 25.78 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BE090612.D
Acq: 25 Aug 2015 14:17

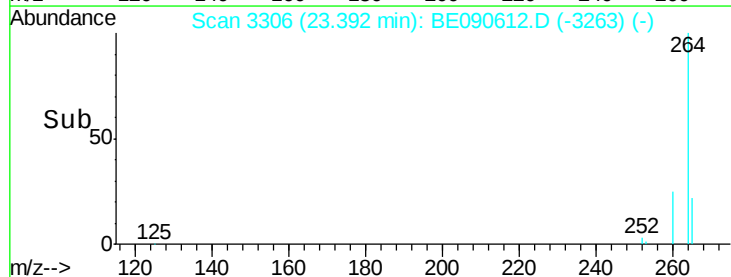
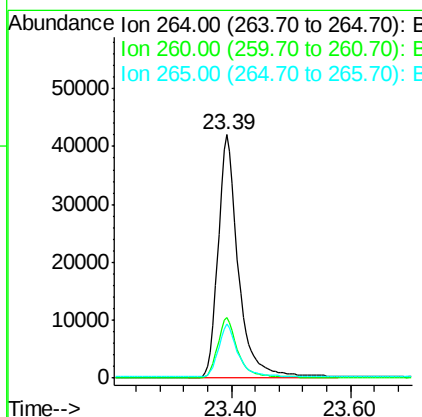
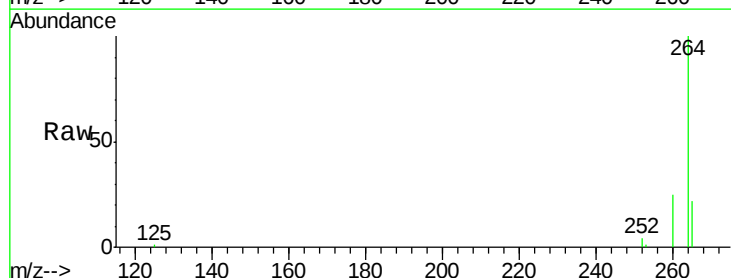
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 94400
Ion Ratio Lower Upper
276 100
138 29.2 18.8 28.2#
277 24.8 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090612.D
Acq: 25 Aug 2015 14:17

Tgt Ion:264 Resp: 99817
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 22.1 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 3.64 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

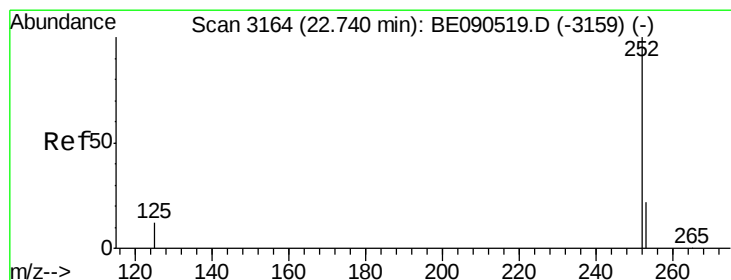
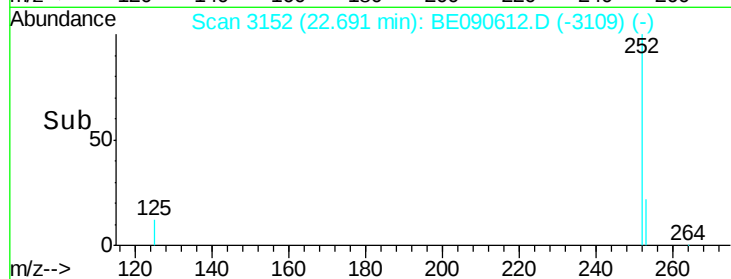
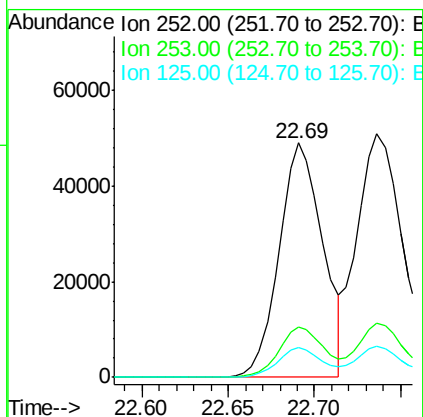
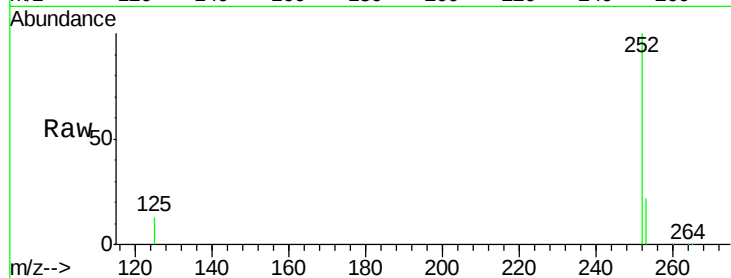
Tot Ion:252 Resp: 86045

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 12.6 9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 3.92 ng

RT: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

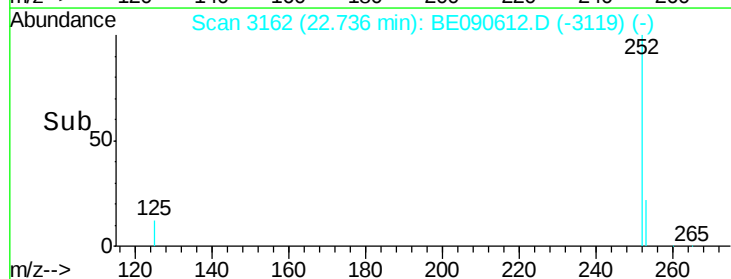
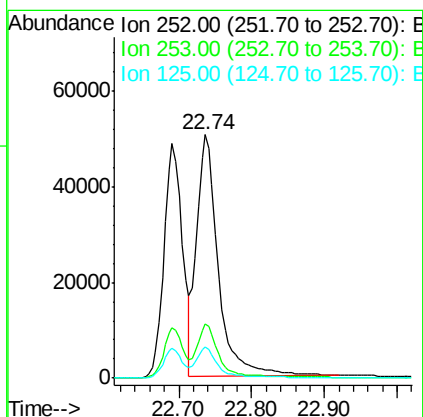
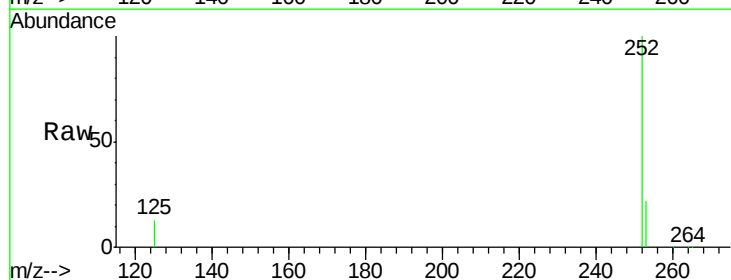
Tgt Ion:252 Resp: 104860

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 12.5 9.1 13.7





#35

Benzo(a)pyrene

Concen: 3.97 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

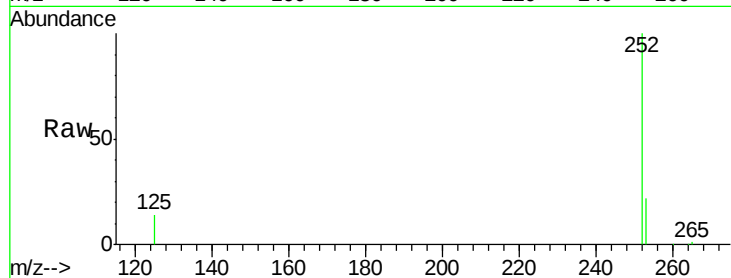
Tot Ion:252 Resp: 87892

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

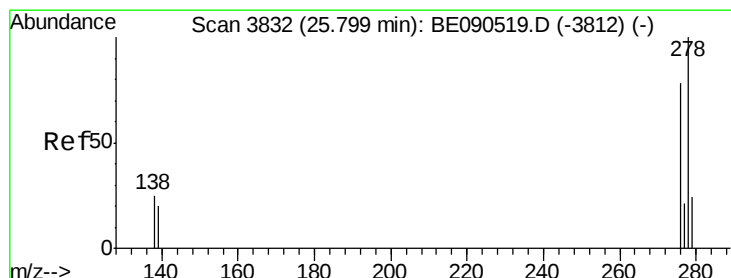
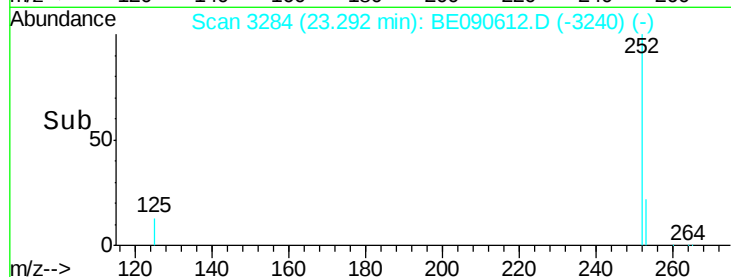
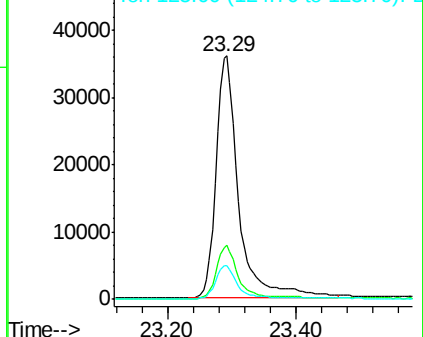
125 13.7 9.8 14.6



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: 3.51 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

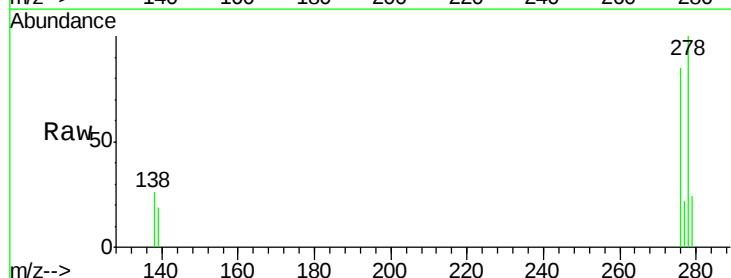
Tgt Ion:278 Resp: 74949

Ion Ratio Lower Upper

278 100

139 18.8 14.2 21.4

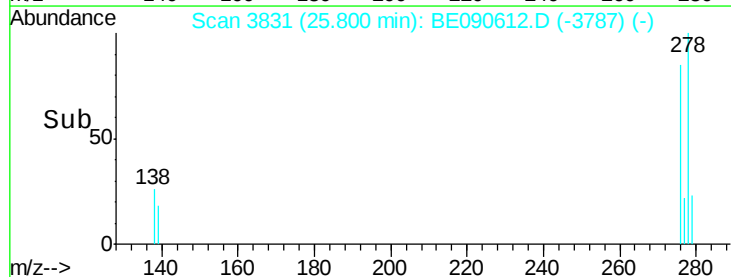
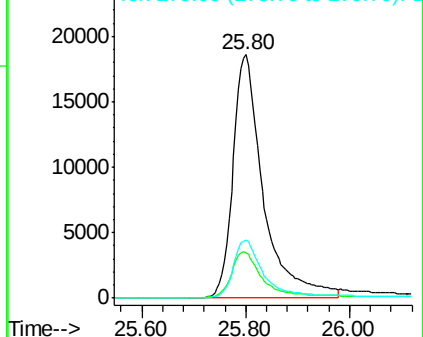
279 23.7 20.1 30.1

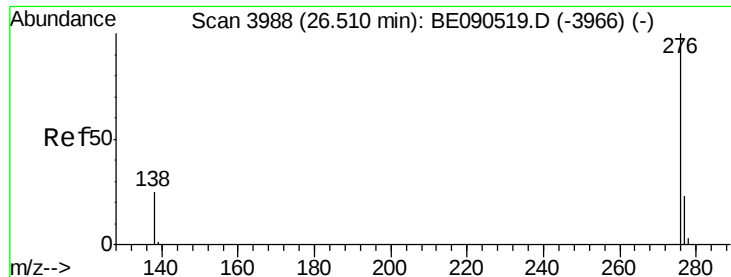


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.62 ng

RT: 26.50 min Scan# 3985

Delta R.T. -0.01 min

Lab File: BE090612.D

Acq: 25 Aug 2015 14:17

Instrument :

BNA_E

ClientSampleId :

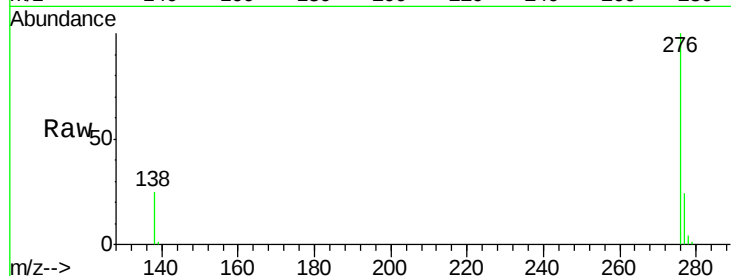
Tot Ion: 276 Resp: 84432

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 25.3 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

