

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090604.D
 Acq On : 24 Aug 2015 17:00
 Operator : UM/IZ
 Sample : IDOC-W-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-01

Quant Time: Aug 24 22:59:22 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

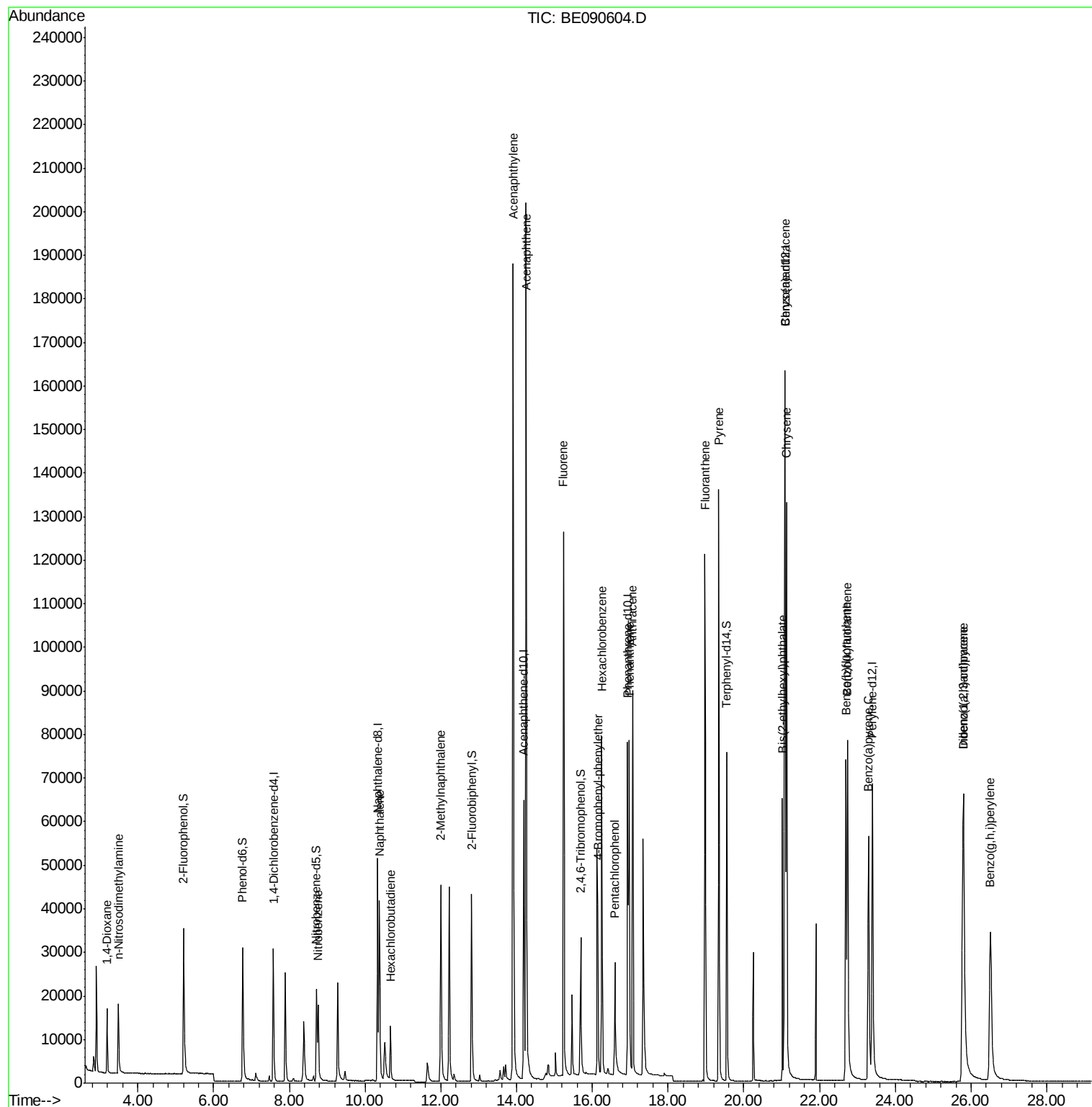
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	15461	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	72626	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	42242	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	104522	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	122512	5.00	ng	0.00
32) Perylene-d12	23.39	264	103840	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	30201	6.76	ng	0.00
5) Phenol-d6	6.77	99	43725	6.65	ng	0.00
7) Nitrobenzene-d5	8.72	82	22872	3.95	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	15061	9.26	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	48895	3.88	ng	0.00
27) Terphenyl-d14	19.55	244	85639	3.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	8002	4.57	ng	96
3) n-Nitrosodimethylamine	3.48	42	10090	3.78	ng	# 83
8) Nitrobenzene	8.76	77	22414	3.74	ng	96
9) Naphthalene	10.38	128	58653	3.55	ng	98
10) Hexachlorobutadiene	10.67	225	8785	3.63	ng	99
11) 2-Methylnaphthalene	12.00	142	40256	3.75	ng	98
15) Acenaphthylene	13.91	152	279294	3.62	ng	100
16) Acenaphthene	14.25	154	41853	3.61	ng	# 83
17) Fluorene	15.24	166	57156	4.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	15215	3.56	ng	# 73
20) Hexachlorobenzene	16.25	284	70159	3.71	ng	98
21) Pentachlorophenol	16.60	266	15124	6.57	ng	91
22) Phenanthrene	16.98	178	101923	3.72	ng	100
23) Anthracene	17.07	178	99594	3.94	ng	100
24) Fluoranthene	18.98	202	121466	4.16	ng	99
26) Pyrene	19.34	202	131204	3.74	ng	99
28) Benzo(a)anthracene	21.08	228	122817	3.81	ng	98
29) Chrysene	21.13	228	122712	3.73	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	59323	3.14	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	109204	3.52	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	104947	4.27	ng	98
34) Benzo(k)fluoranthene	22.74	252	115856	4.16	ng	99
35) Benzo(a)pyrene	23.29	252	101755	4.42	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	86434	3.89	ng	98
37) Benzo(g,h,i)perylene	26.51	276	96899	3.99	ng	96

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

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BNA_E
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Quant Time: Aug 24 22:59:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

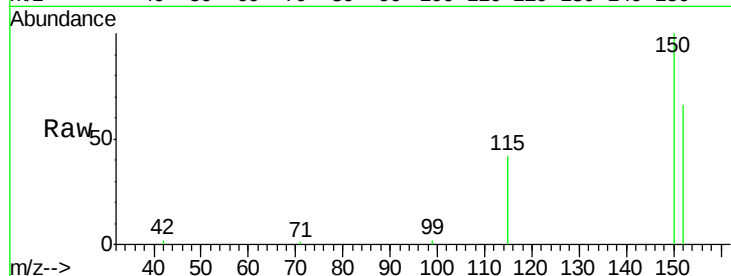
Tgt Ion:152 Resp: 15461

Ion Ratio Lower Upper

152 100

150 151.6 123.0 184.4

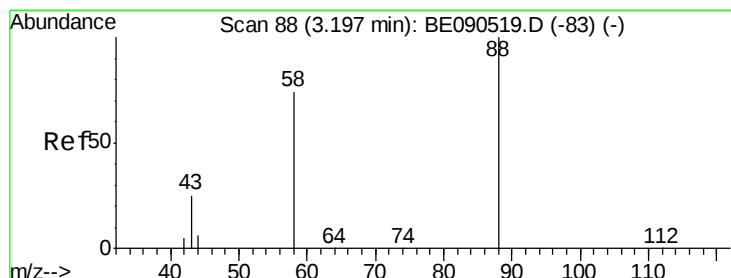
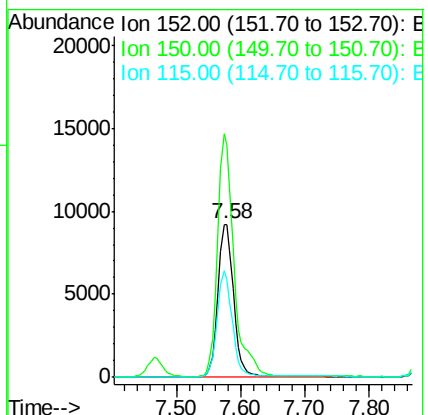
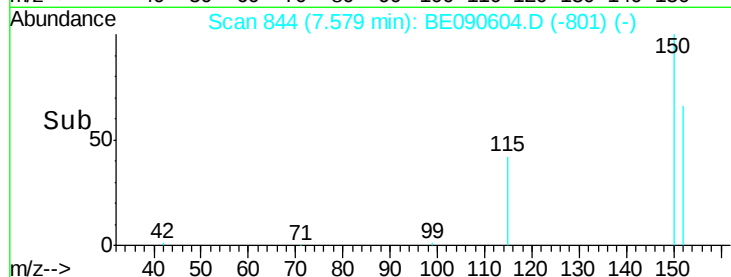
115 64.1 48.9 73.3



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: 4.57 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

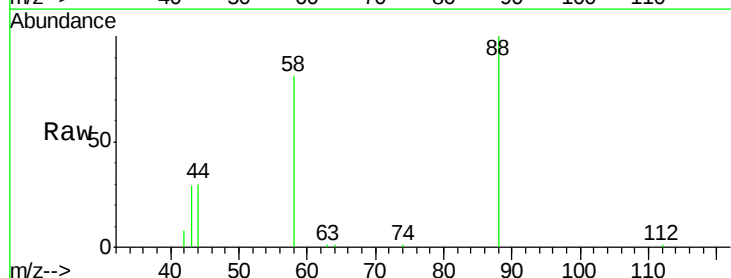
Tgt Ion: 88 Resp: 8002

Ion Ratio Lower Upper

88 100

58 85.1 70.0 105.0

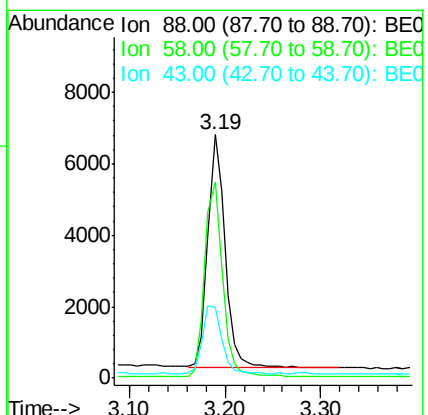
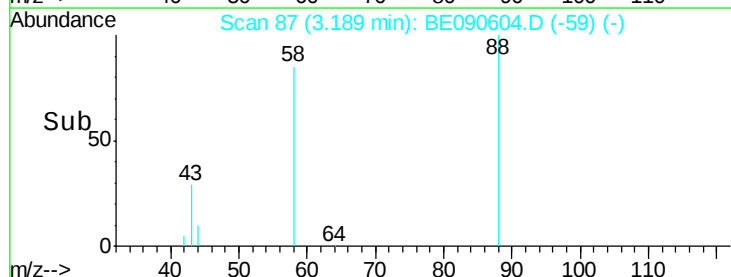
43 31.2 28.4 42.6

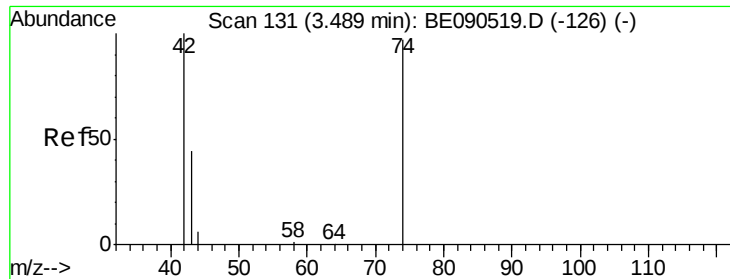


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.78 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

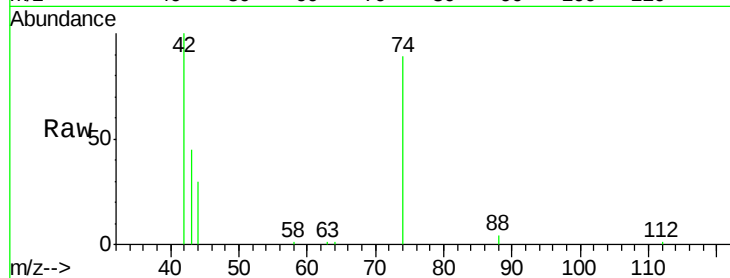
Tgt Ion: 42 Resp: 10090

Ion Ratio Lower Upper

42 100

74 111.9 75.2 112.8

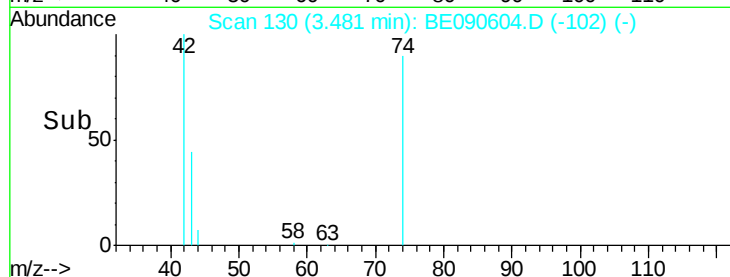
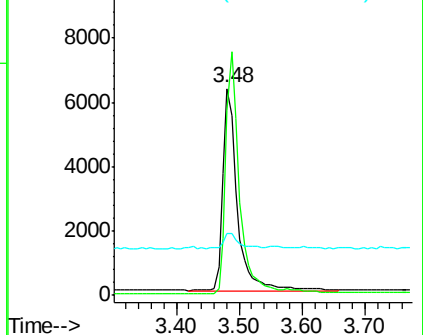
44 8.3 8.7 13.1#



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: 6.76 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

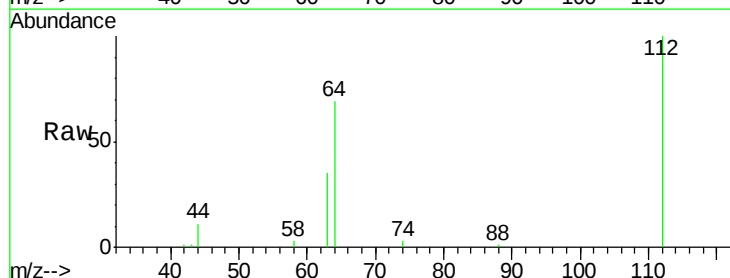
Tgt Ion: 112 Resp: 30201

Ion Ratio Lower Upper

112 100

64 69.6 37.1 55.7#

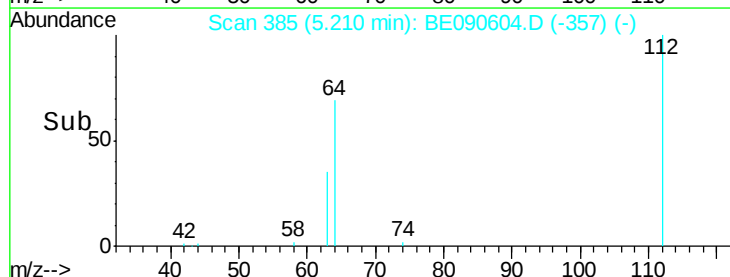
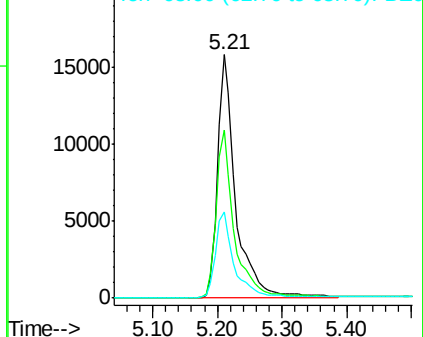
63 36.0 19.5 29.3#

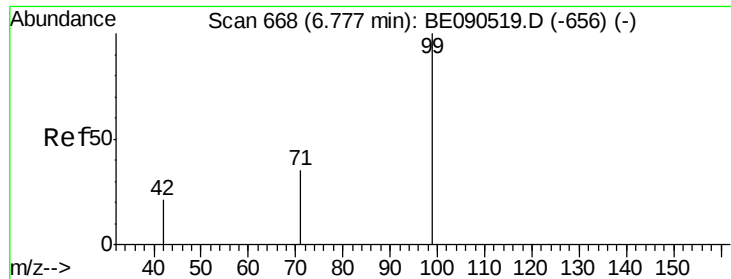


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.65 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampled :

IDOC-W-01

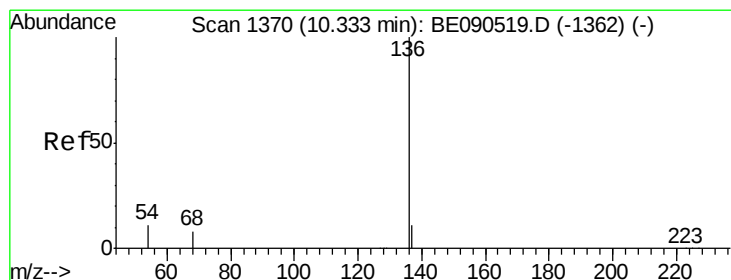
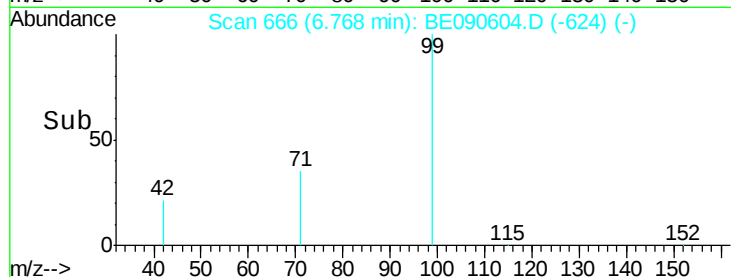
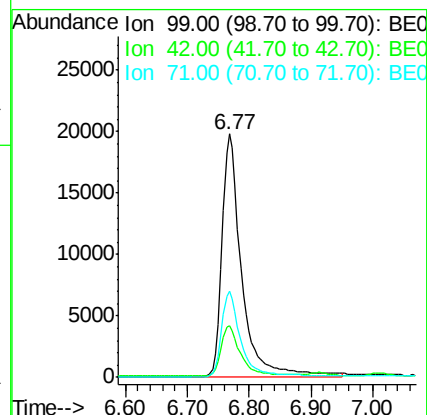
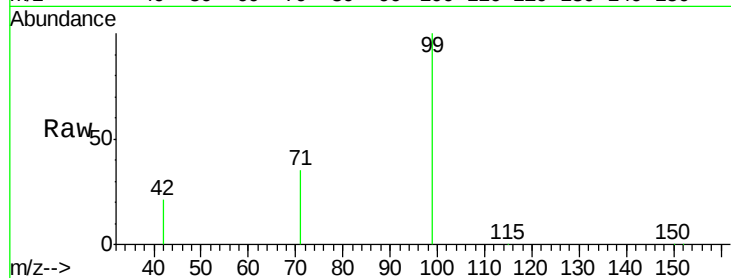
Tgt Ion: 99 Resp: 43725

Ion Ratio Lower Upper

99 100

42 20.8 18.2 27.4

71 34.7 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Tgt Ion: 136 Resp: 72626

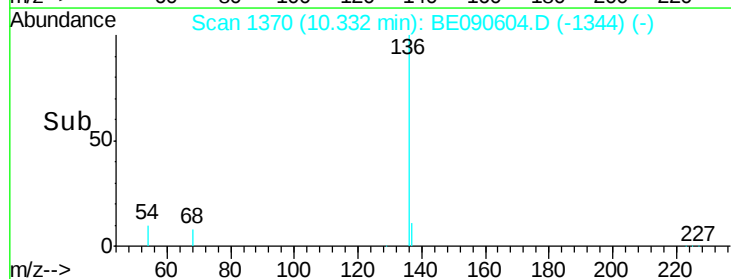
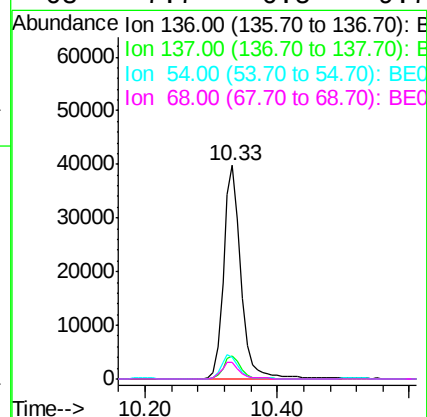
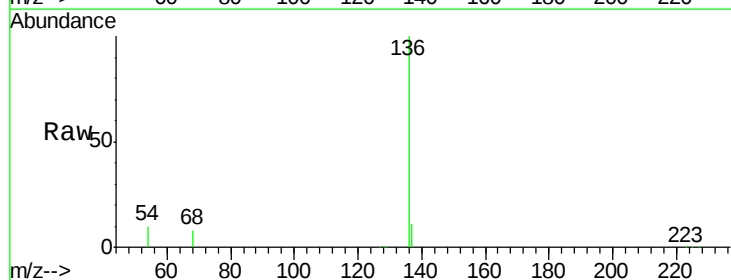
Ion Ratio Lower Upper

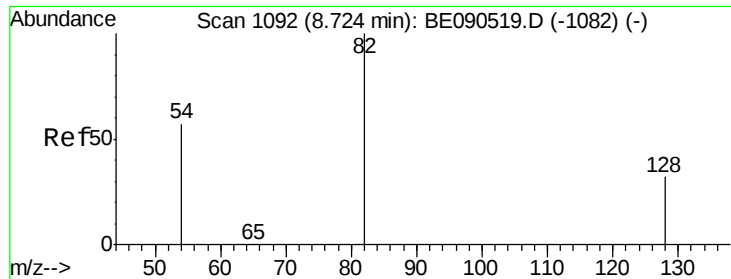
136 100

137 11.1 8.7 13.1

54 10.4 9.4 14.0

68 7.7 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.95 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

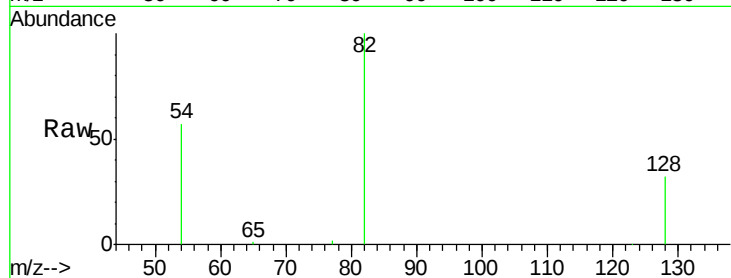
Tgt Ion: 82 Resp: 22872

Ion Ratio Lower Upper

82 100

128 32.2 25.0 37.6

54 57.4 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

8.72

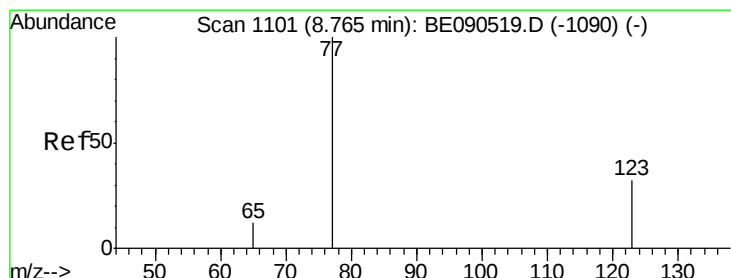
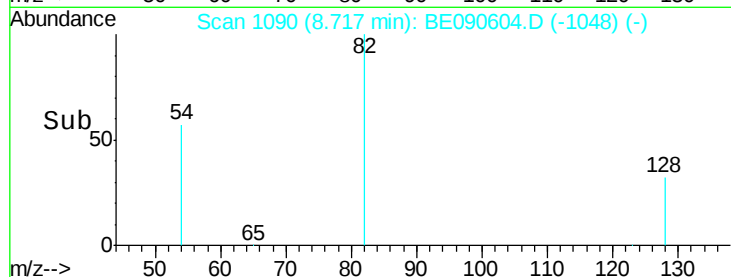
15000

10000

5000

0

Time--> 8.60 8.70 8.80 8.90



#8

Nitrobenzene

Concen: 3.74 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

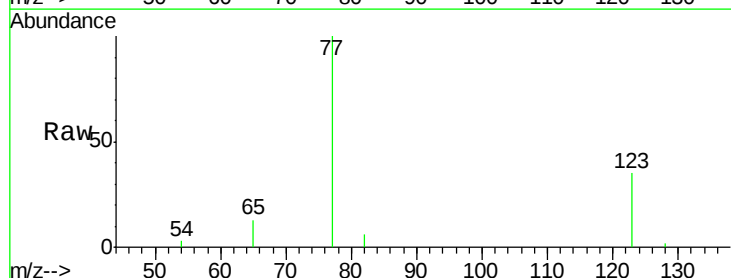
Tgt Ion: 77 Resp: 22414

Ion Ratio Lower Upper

77 100

123 34.0 25.1 37.7

65 12.9 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.76

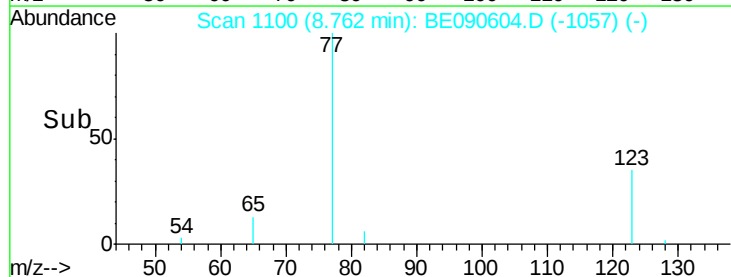
15000

10000

5000

0

Time--> 8.60 8.70 8.80 8.90 9.00





#9

Naphthalene

Concen: 3.55 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

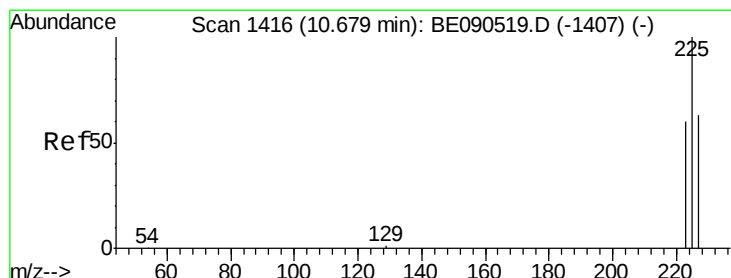
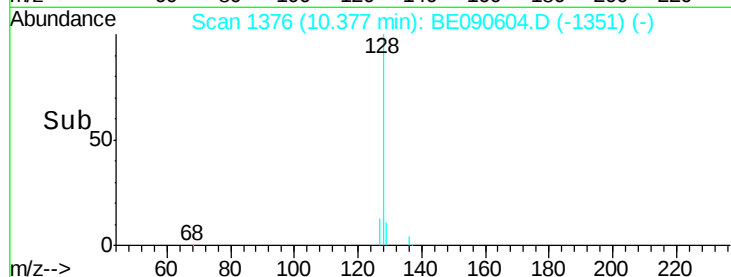
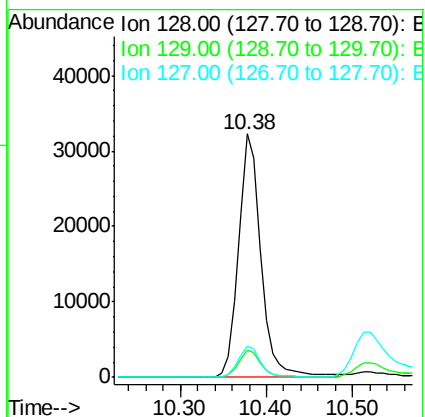
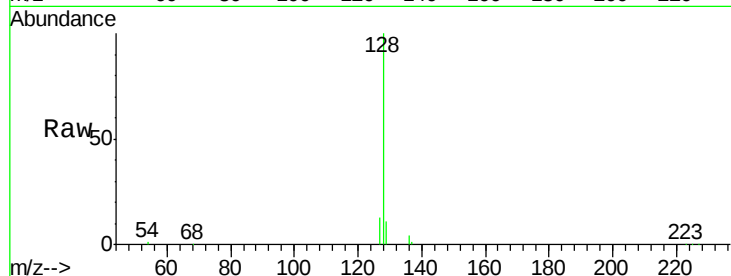
Tgt Ion:128 Resp: 58653

Ion Ratio Lower Upper

128 100

129 11.0 9.8 14.6

127 13.0 10.6 16.0



#10

Hexachlorobutadiene

Concen: 3.63 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

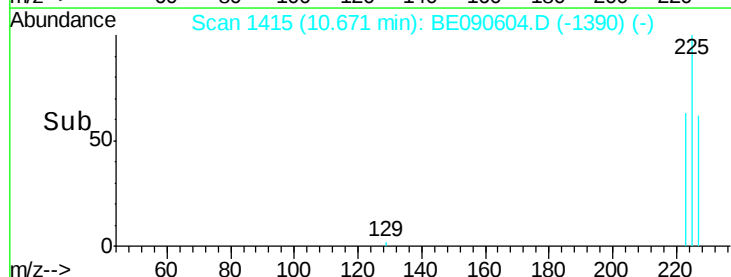
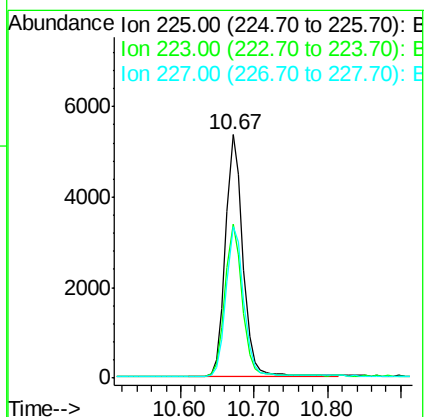
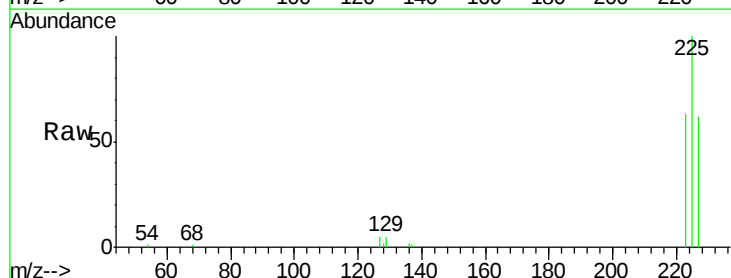
Tgt Ion:225 Resp: 8785

Ion Ratio Lower Upper

225 100

223 62.5 50.6 75.8

227 63.2 50.7 76.1





#11

2-Methylnaphthalene

Concen: 3.75 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

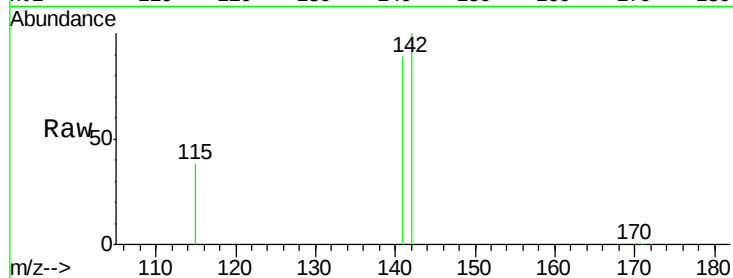
Tgt Ion:142 Resp: 40256

Ion Ratio Lower Upper

142 100

141 88.9 72.6 109.0

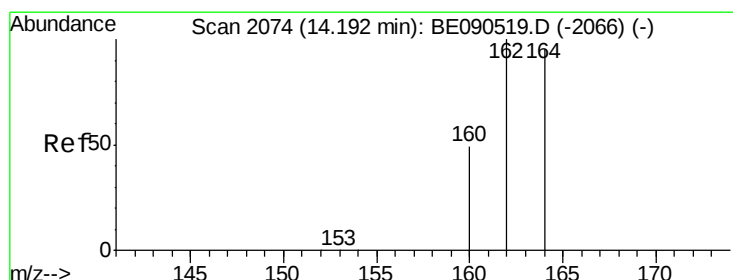
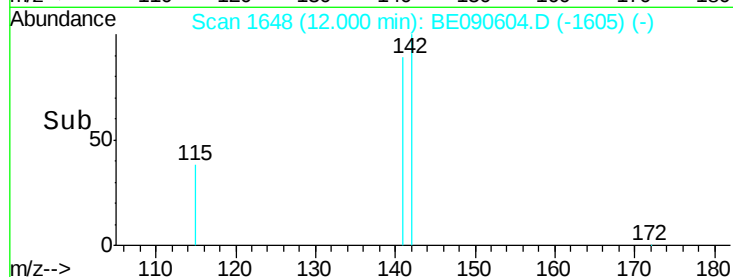
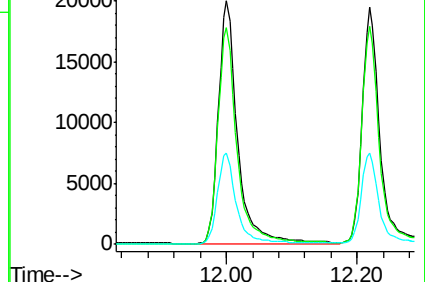
115 37.7 31.6 47.4



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# 2073

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

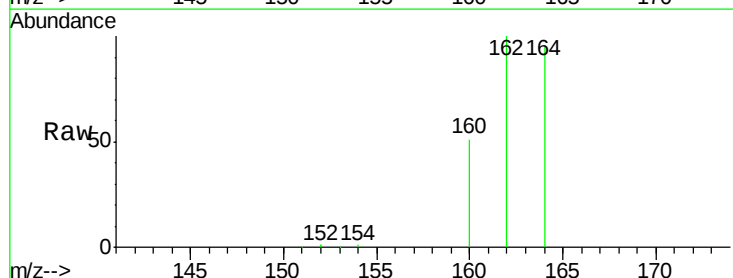
Tgt Ion:164 Resp: 42242

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

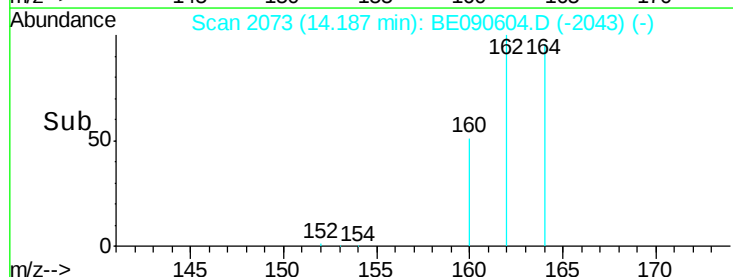
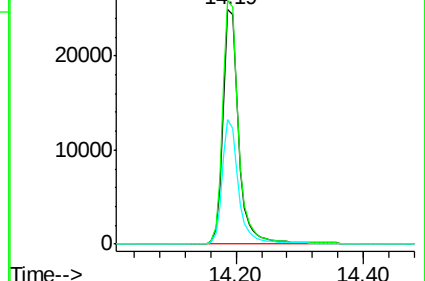
160 53.0 44.2 66.4



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

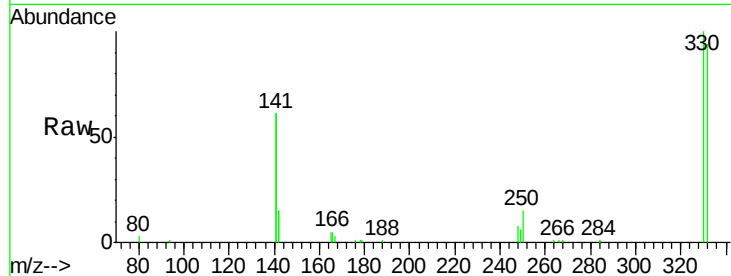




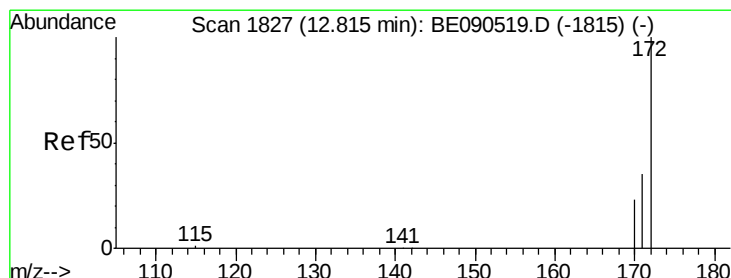
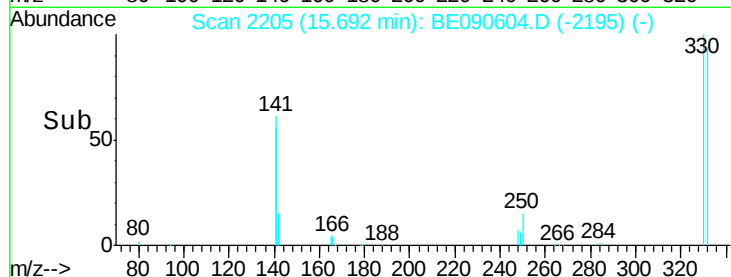
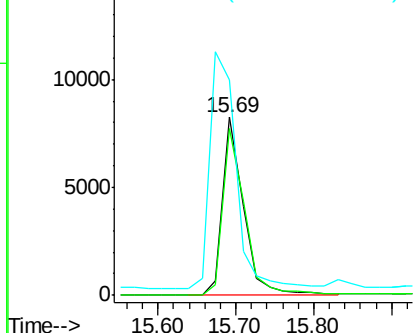
#13
 2,4,6-Tribromophenol
 Concen: 9.26 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090604.D
 Acq: 24 Aug 2015 17:00

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-01

Tgt Ion:330 Resp: 15061
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.8 113.6
 141 167.8 114.4 171.6

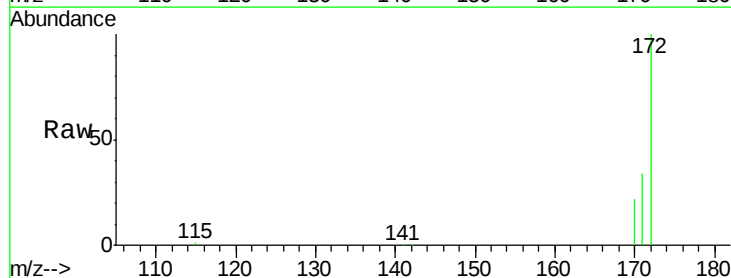


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

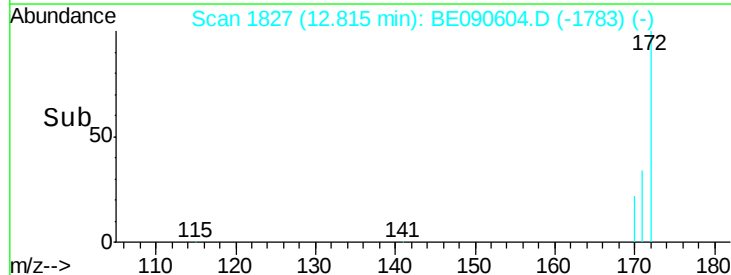
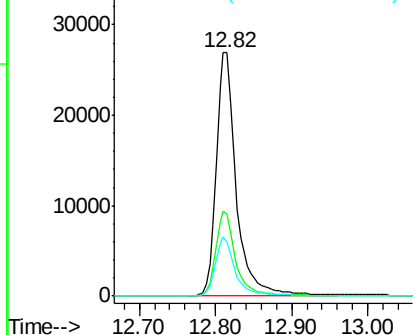


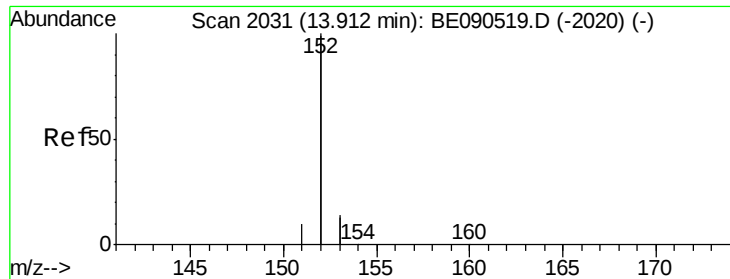
#14
 2-Fluorobiphenyl
 Concen: 3.88 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090604.D
 Acq: 24 Aug 2015 17:00

Tgt Ion:172 Resp: 48895
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.5 42.7
 170 22.2 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: 3.62 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

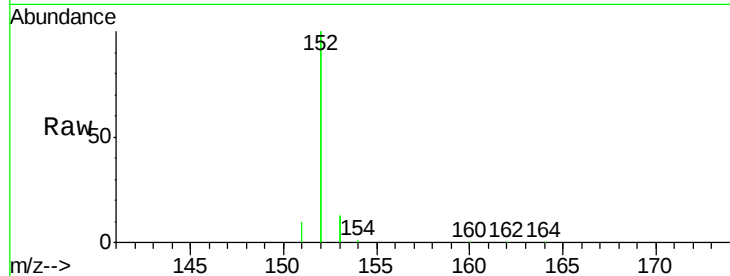
Tgt Ion:152 Resp: 279294

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

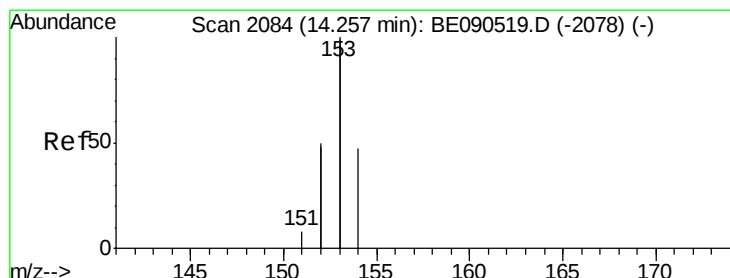
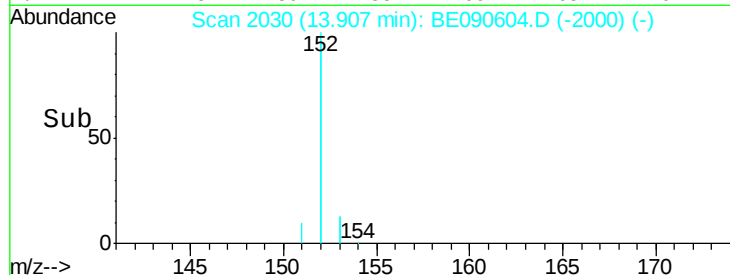
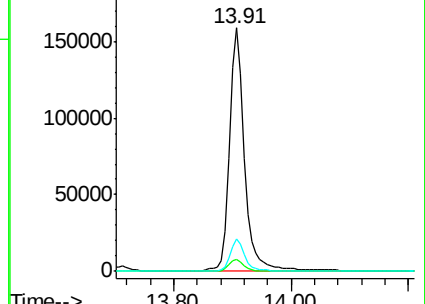
153 13.0 10.3 15.5



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: 3.61 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

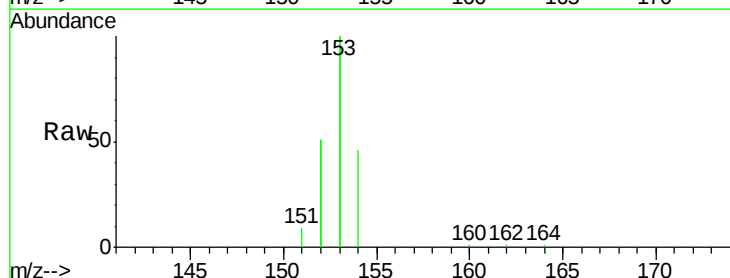
Tgt Ion:154 Resp: 41853

Ion Ratio Lower Upper

154 100

153 448.6 376.2 564.2

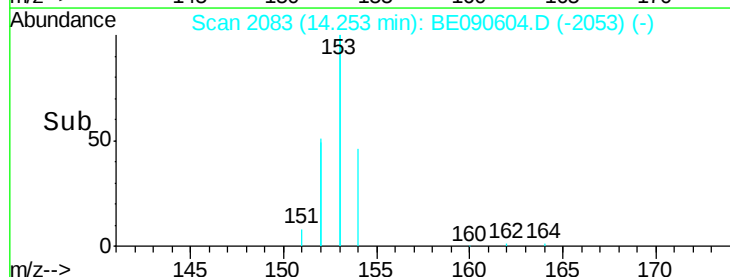
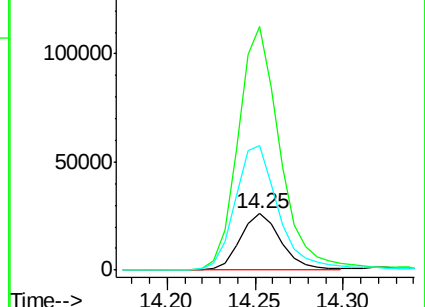
152 233.8 235.0 352.4#



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: 4.02 ng

RT: 15.24 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

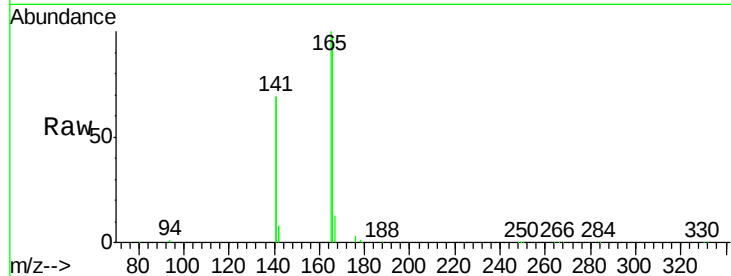
Tgt Ion:166 Resp: 57156

Ion Ratio Lower Upper

166 100

165 99.7 81.5 122.3

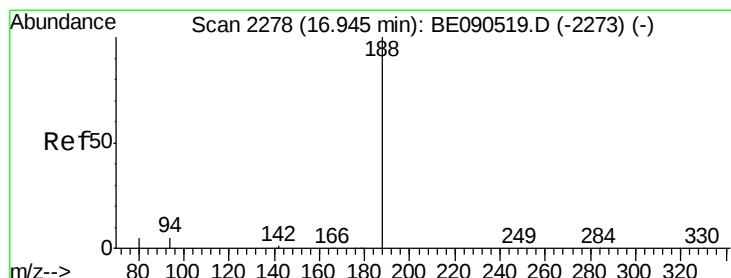
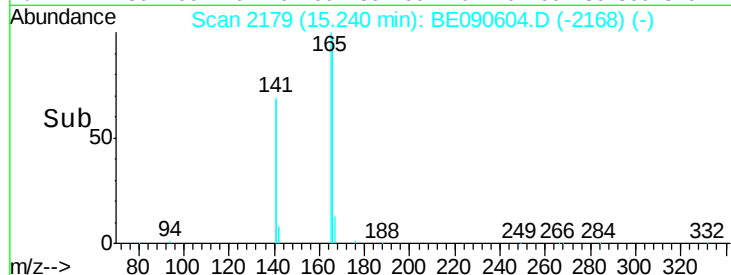
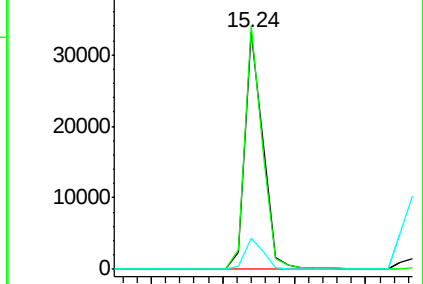
167 13.5 11.4 17.0



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: BE090604.D

Acq: 24 Aug 2015 17:00

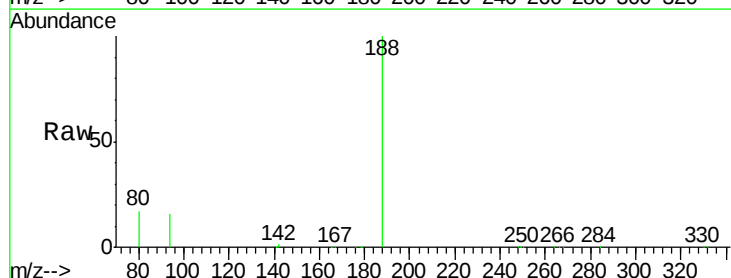
Tgt Ion:188 Resp: 104522

Ion Ratio Lower Upper

188 100

94 15.6 5.7 8.5#

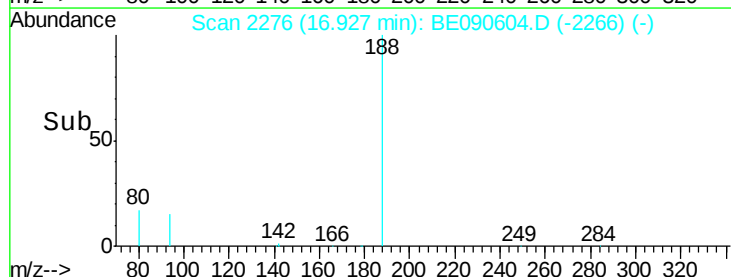
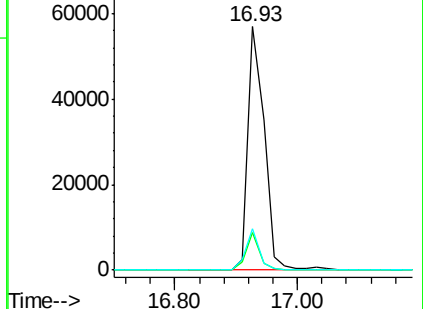
80 17.2 5.8 8.8#

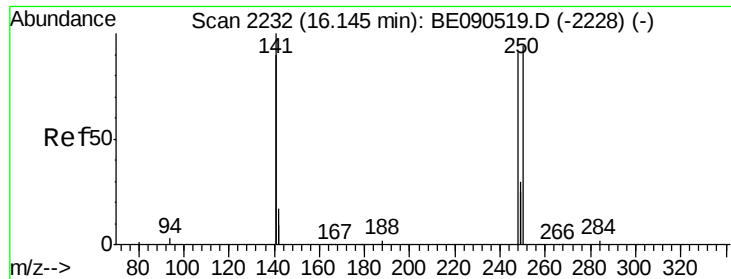


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 3.56 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

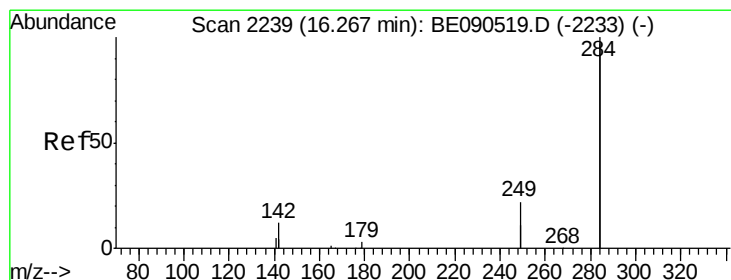
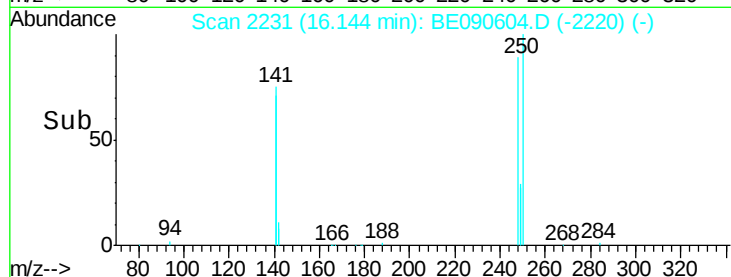
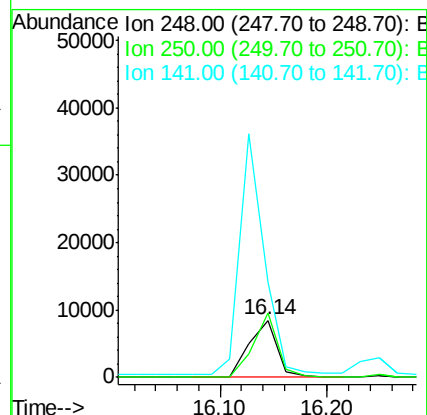
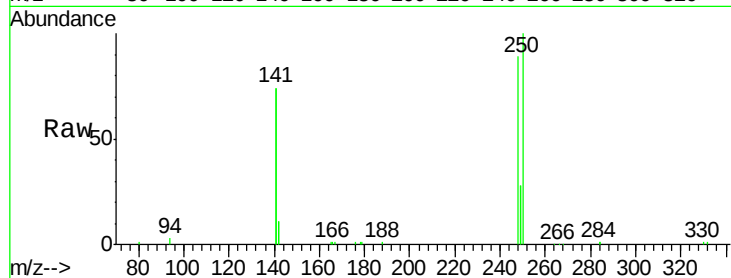
Tgt Ion:248 Resp: 15215

Ion Ratio Lower Upper

248 100

250 99.3 79.0 118.6

141 369.5 239.5 359.3#



#20

Hexachlorobenzene

Concen: 3.71 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

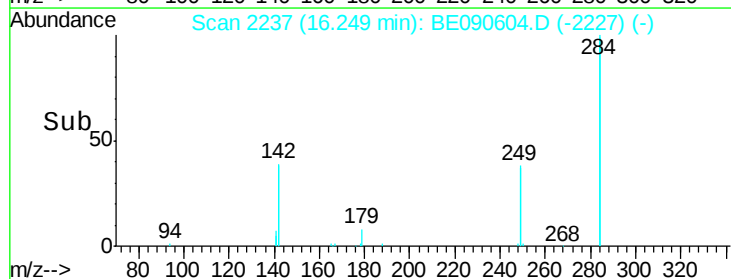
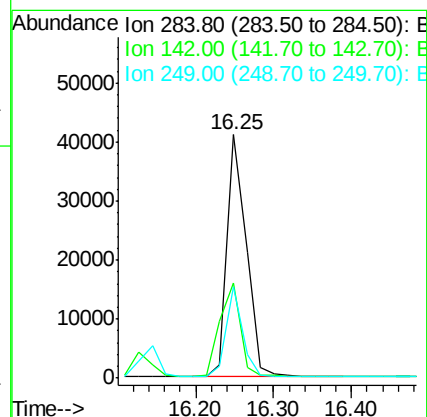
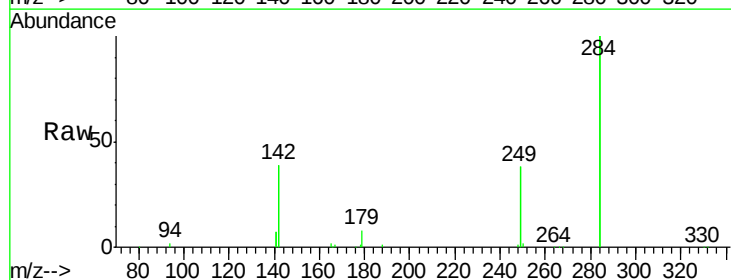
Tgt Ion:284 Resp: 70159

Ion Ratio Lower Upper

284 100

142 40.3 30.1 45.1

249 32.2 25.7 38.5

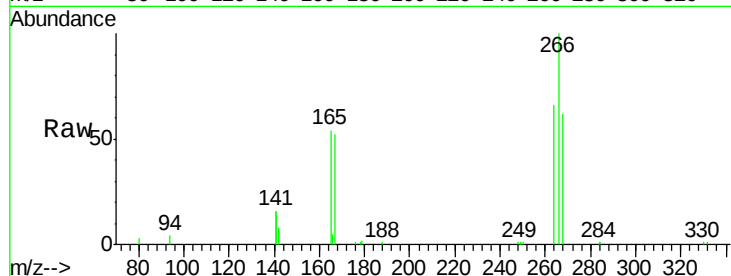




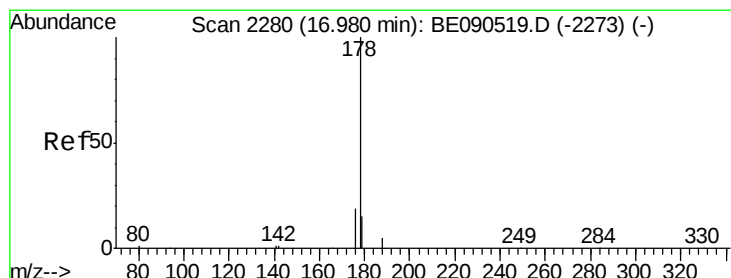
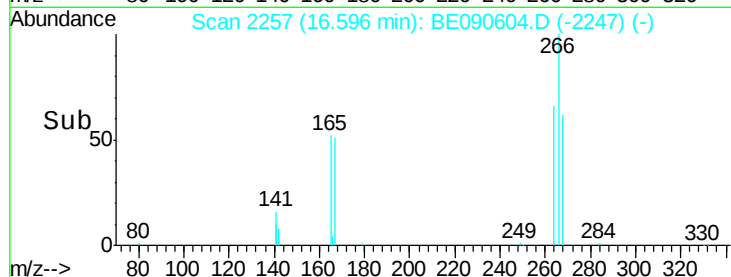
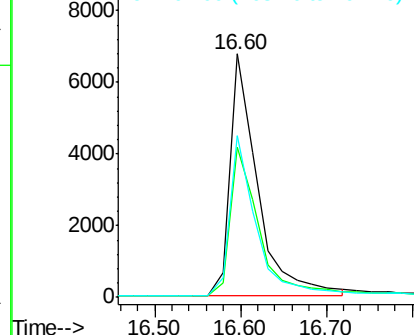
#21
 Pentachlorophenol
 Concen: 6.57 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090604.D
 Acq: 24 Aug 2015 17:00

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-01

Tgt Ion: 266 Resp: 15124
 Ion Ratio Lower Upper
 266 100
 268 61.9 58.5 87.7
 264 66.2 56.0 84.0

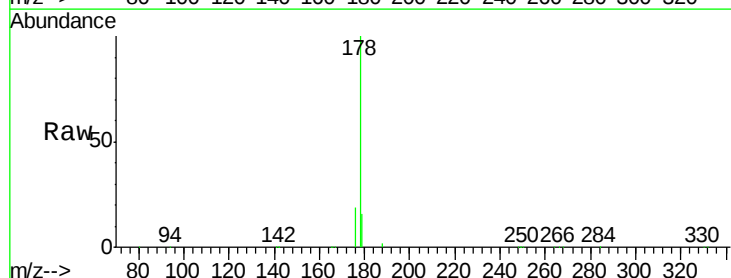


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

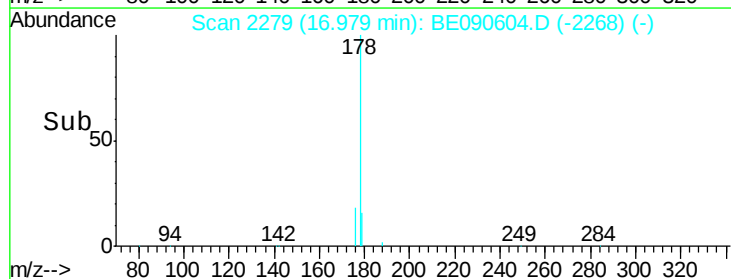
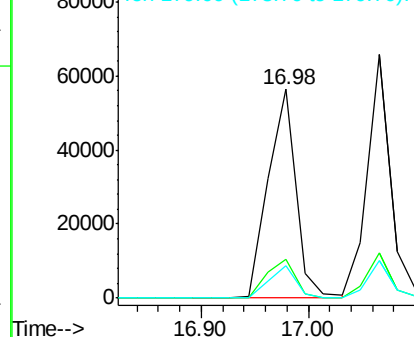


#22
 Phenanthrene
 Concen: 3.72 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090604.D
 Acq: 24 Aug 2015 17:00

Tgt Ion: 178 Resp: 101923
 Ion Ratio Lower Upper
 178 100
 176 19.4 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: 3.94 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

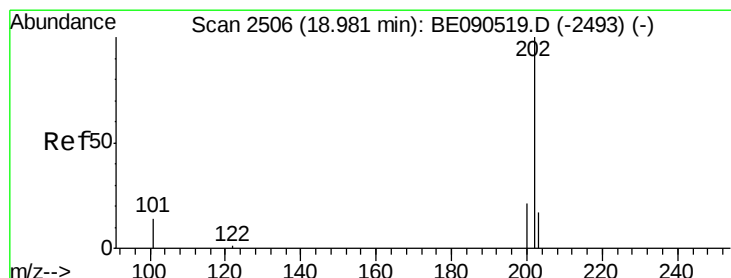
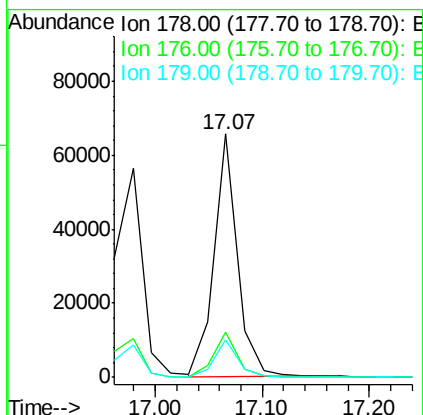
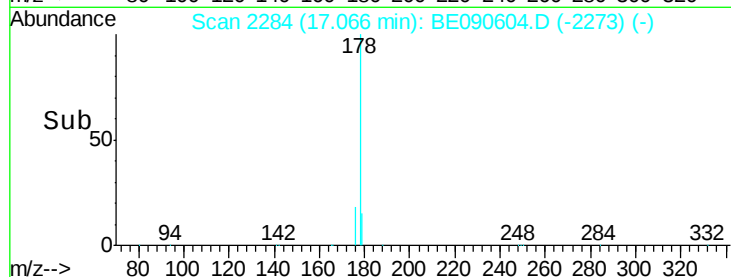
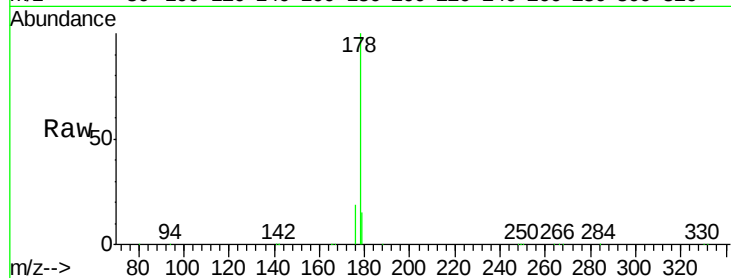
Tgt Ion:178 Resp: 99594

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 4.16 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

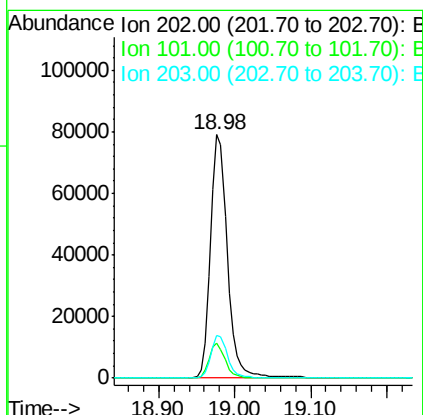
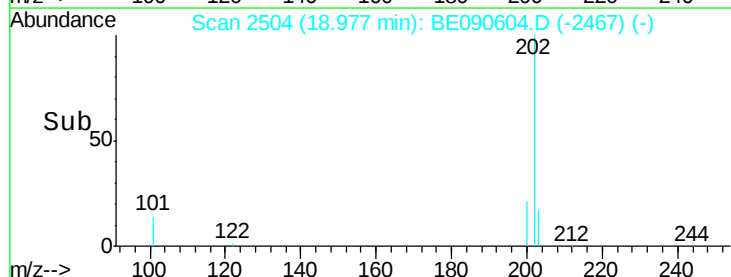
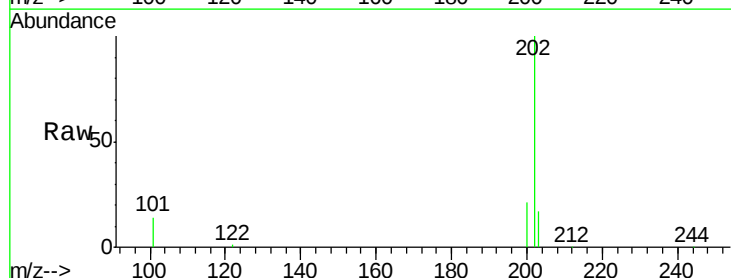
Tgt Ion:202 Resp: 121466

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

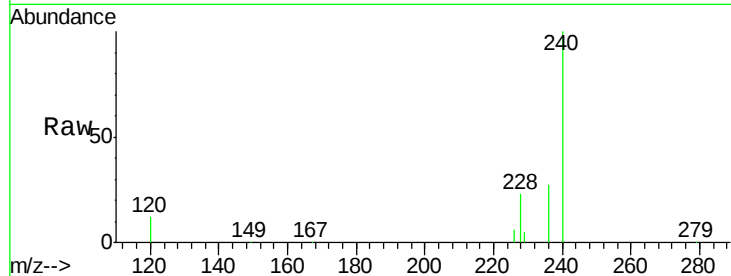
Tgt Ion:240 Resp: 122512

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

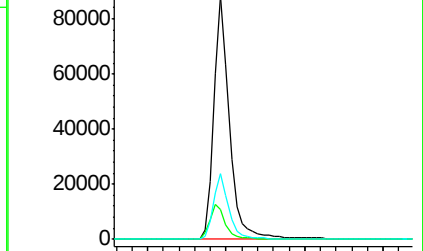
236 26.8 21.0 31.4



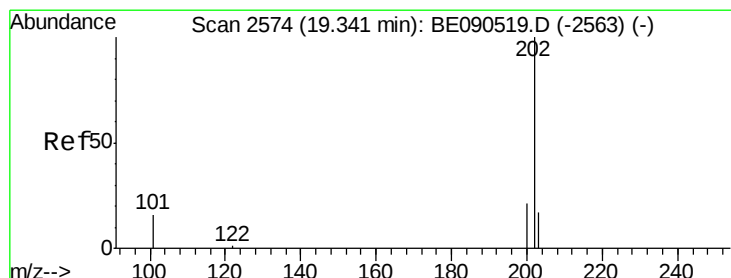
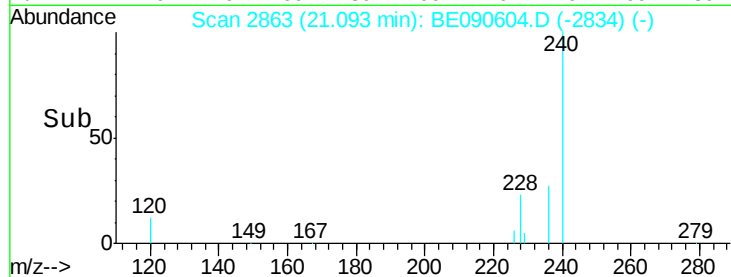
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#26

Pyrene

Concen: 3.74 ng

RT: 19.34 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

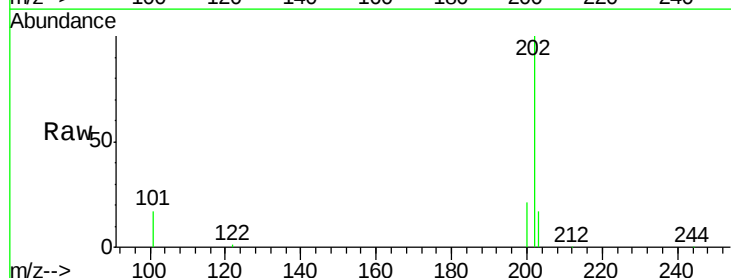
Tgt Ion:202 Resp: 131204

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

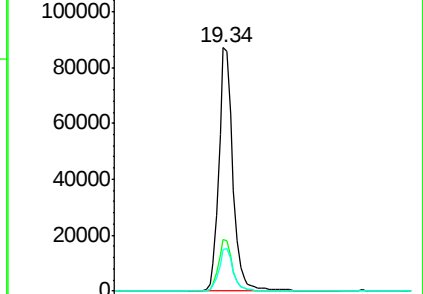
203 17.9 13.8 20.8



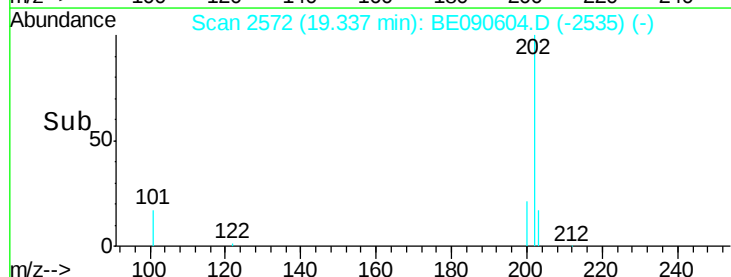
Abundance Ion 202.00 (201.70 to 202.70): E

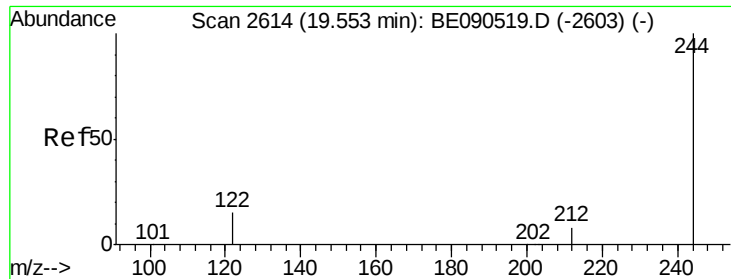
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

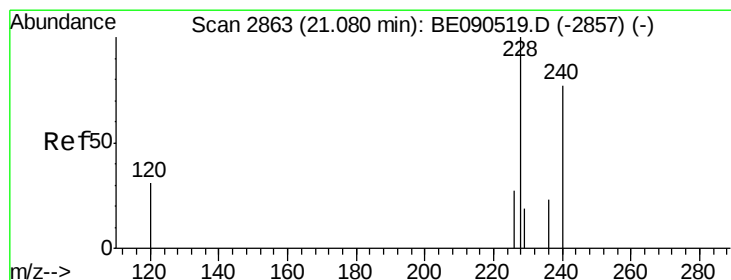
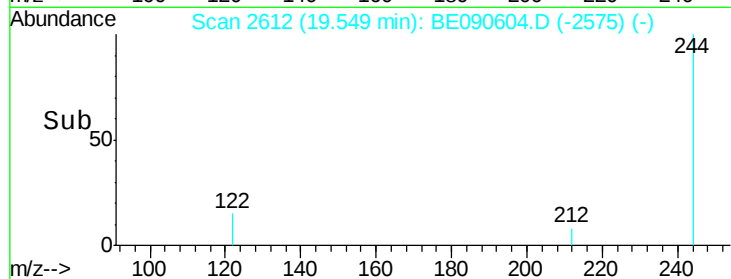
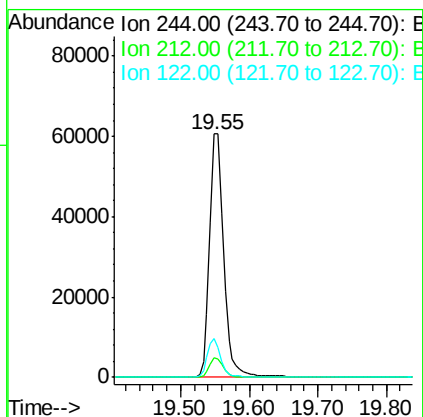
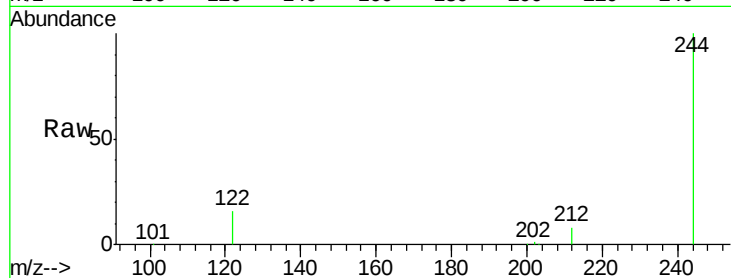




#27
 Terphenyl-d14
 Concen: 3.82 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090604.D
 Acq: 24 Aug 2015 17:00

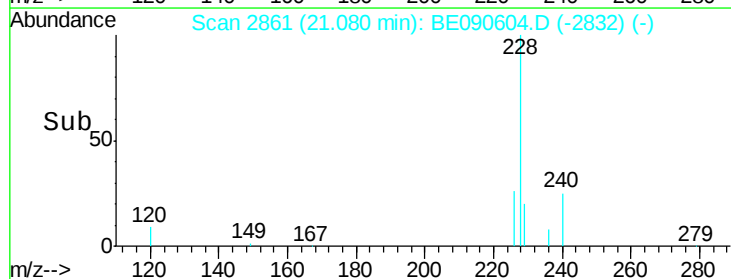
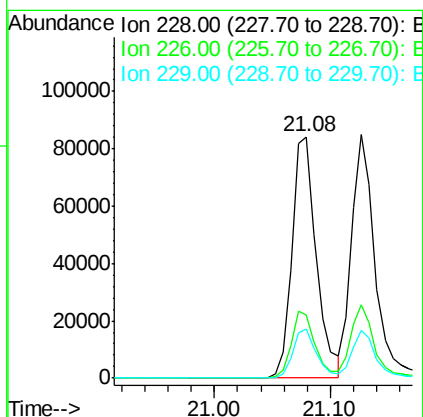
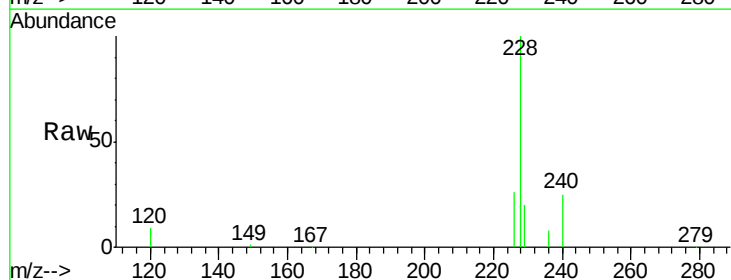
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-01

Tgt Ion:244 Resp: 85639
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.7 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 3.81 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090604.D
 Acq: 24 Aug 2015 17:00

Tgt Ion:228 Resp: 122817
 Ion Ratio Lower Upper
 228 100
 226 26.2 21.9 32.9
 229 20.2 15.4 23.0





#29

Chrysene

Concen: 3.73 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

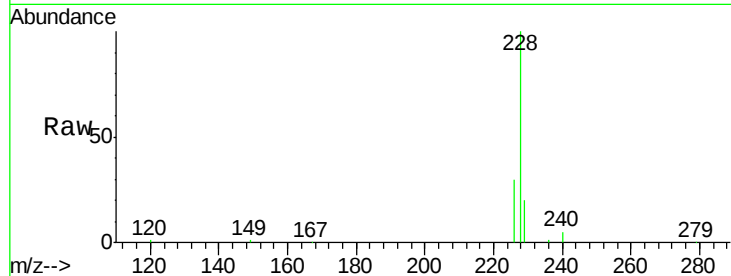
Tgt Ion:228 Resp: 122712

Ion Ratio Lower Upper

228 100

226 30.1 23.1 34.7

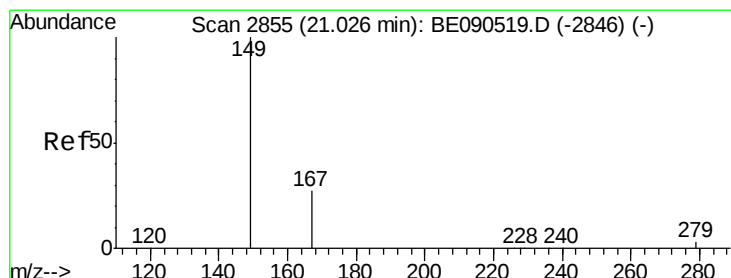
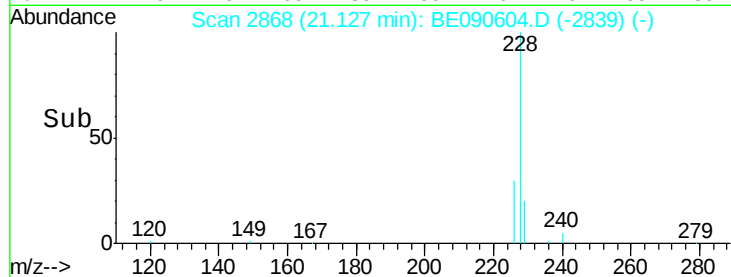
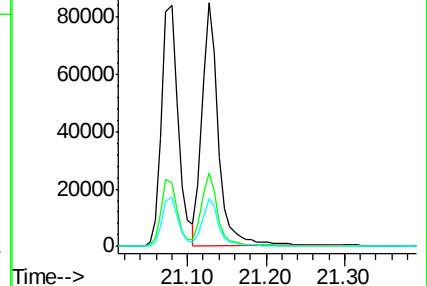
229 19.5 15.8 23.8



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: 3.14 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

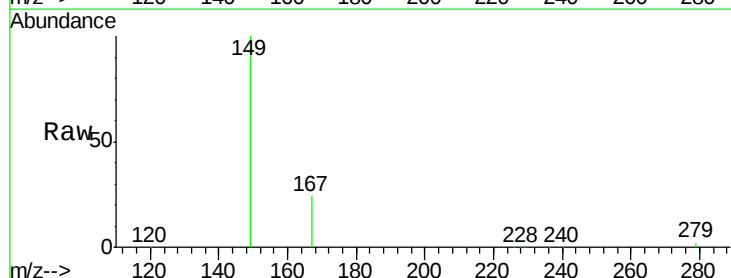
Tgt Ion:149 Resp: 59323

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

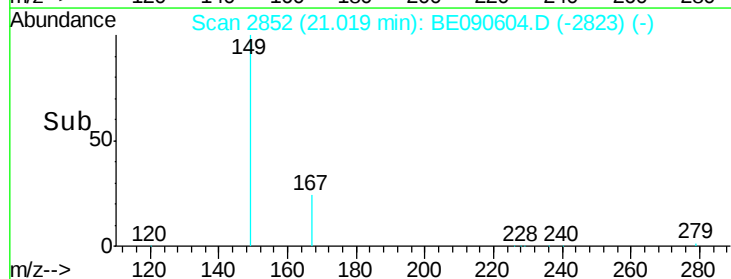
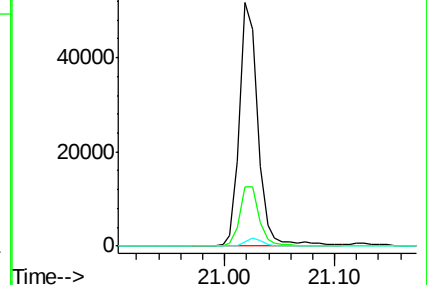
279 3.0 2.4 3.6



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: 3.52 ng

RT: 25.79 min Scan# 3828

Delta R.T. 0.01 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

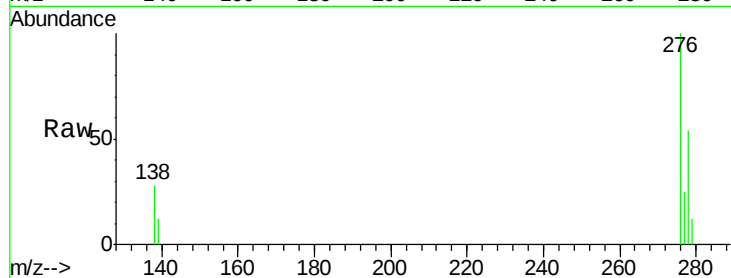
Tgt Ion:276 Resp: 109204

Ion Ratio Lower Upper

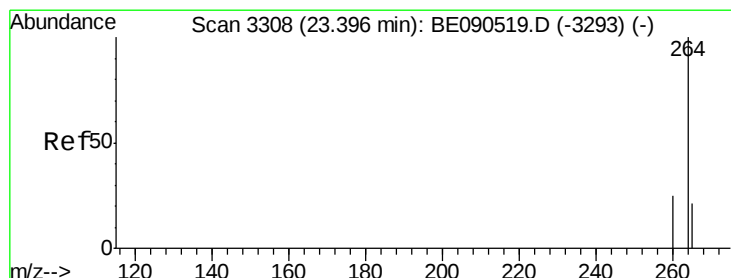
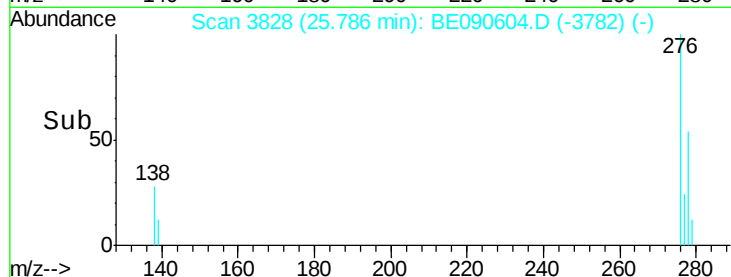
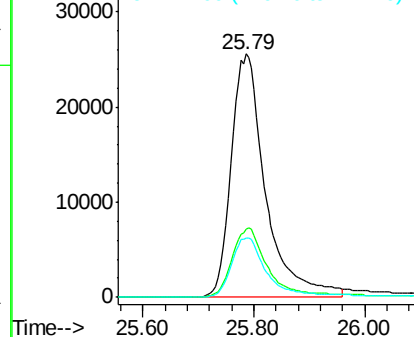
276 100

138 29.0 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: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

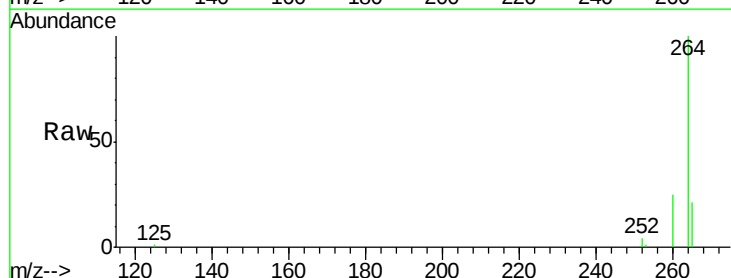
Tgt Ion:264 Resp: 103840

Ion Ratio Lower Upper

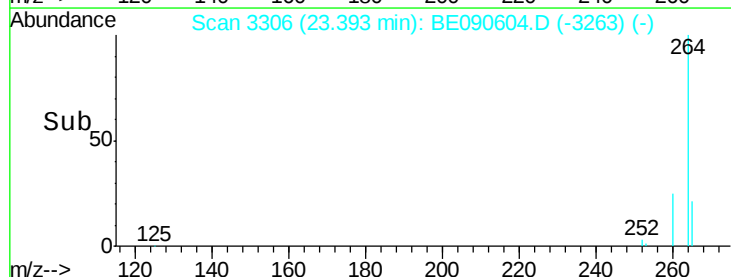
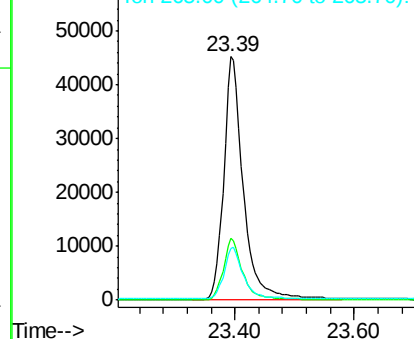
264 100

260 25.3 20.1 30.1

265 21.4 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: 4.27 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

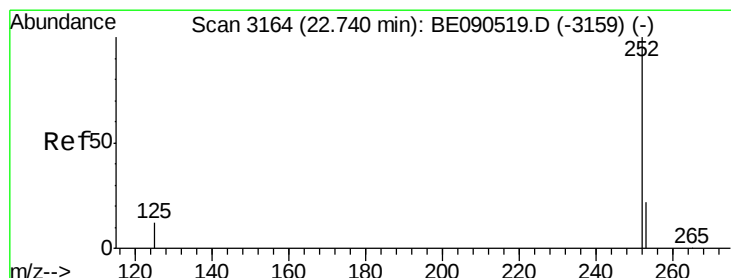
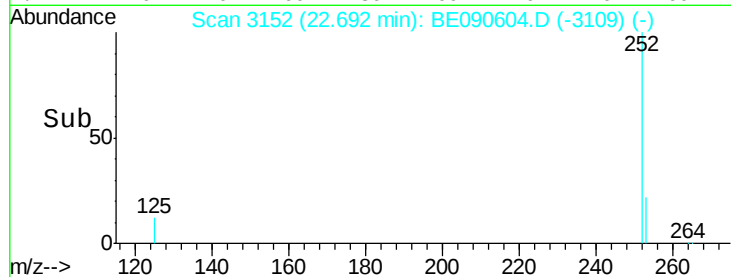
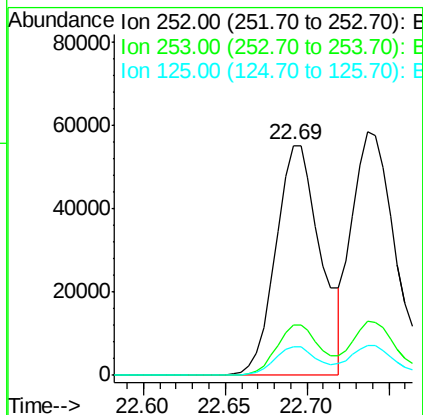
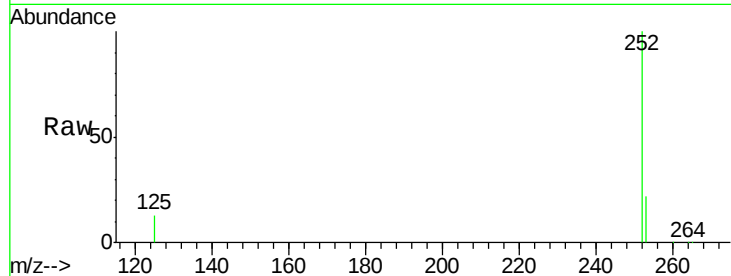
Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

Tgt Ion:	252	Resp:	104947
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.5	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 4.16 ng

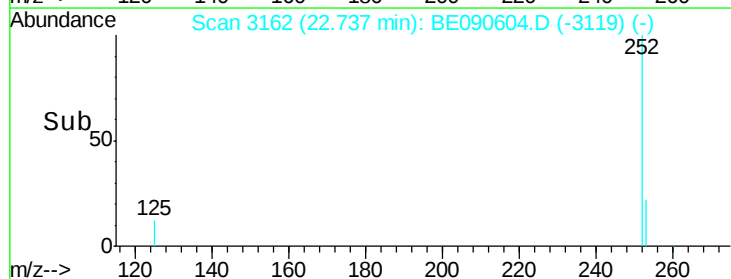
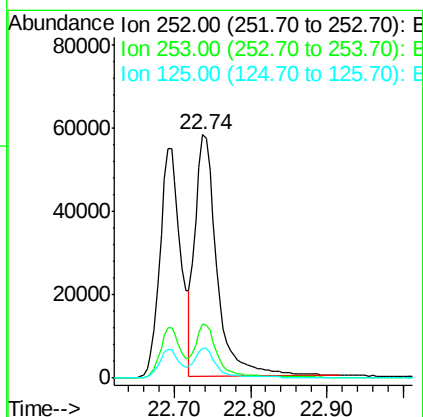
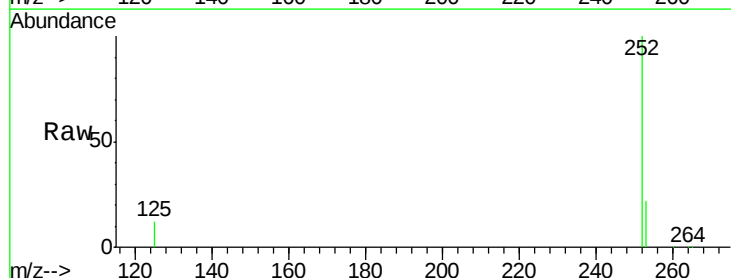
RT: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Tgt Ion:	252	Resp:	115856
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.2	9.1	13.7





#35

Benzo(a)pyrene

Concen: 4.42 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampled :

IDOC-W-01

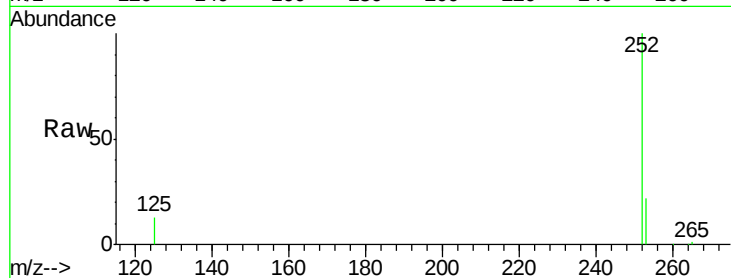
Tgt Ion:252 Resp: 101755

Ion Ratio Lower Upper

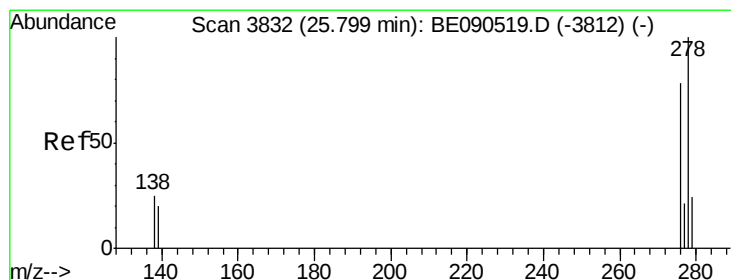
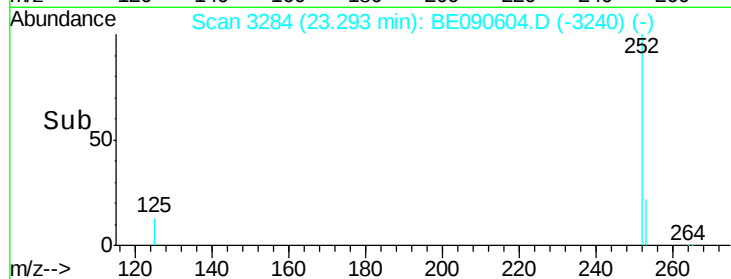
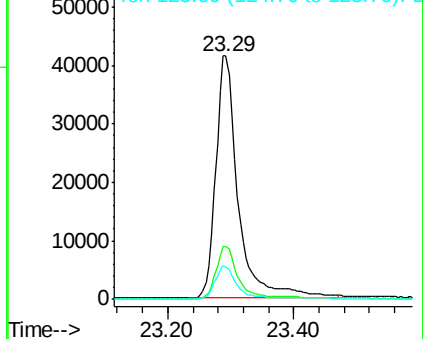
252 100

253 21.8 17.6 26.4

125 13.3 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: 3.89 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

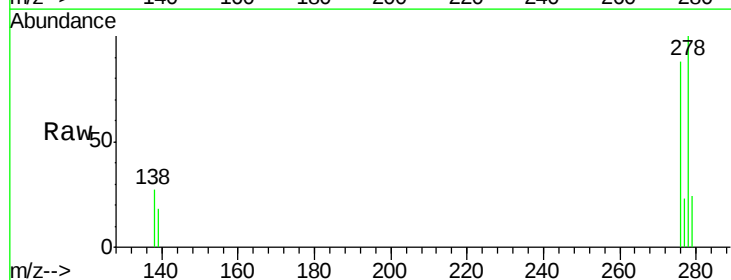
Tgt Ion:278 Resp: 86434

Ion Ratio Lower Upper

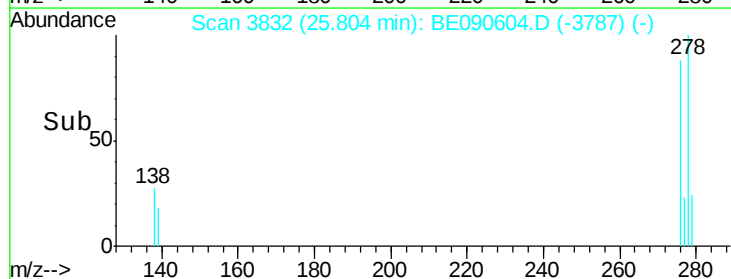
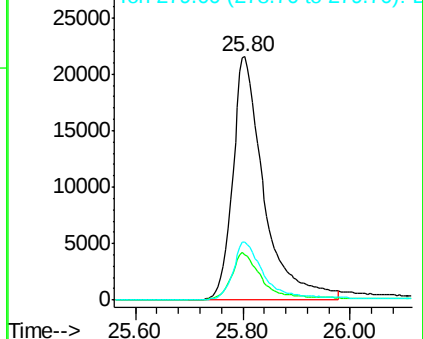
278 100

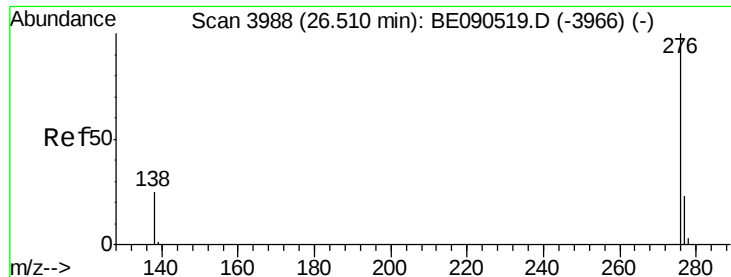
139 18.4 14.2 21.4

279 23.8 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: 3.99 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.00 min

Lab File: BE090604.D

Acq: 24 Aug 2015 17:00

Instrument :

BNA_E

ClientSampleId :

IDOC-W-01

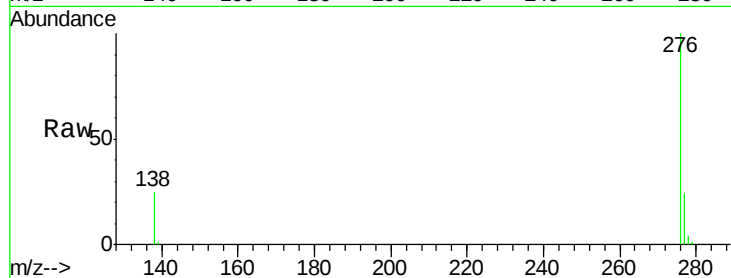
Tgt Ion: 276 Resp: 96899

Ion Ratio Lower Upper

276 100

277 24.1 20.1 30.1

138 25.2 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

