

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090598.D
 Acq On : 24 Aug 2015 13:19
 Operator : UM/IZ
 Sample : IDOC-S-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-01

Quant Time: Aug 24 14:13:43 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	7.57	152	15763	5.00	ng	-0.01
6) Naphthalene-d8	10.32	136	73657	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	42446	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	105577	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	124025	5.00	ng	0.00
32) Perylene-d12	23.40	264	108236	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	32152	7.05	ng	-0.01
5) Phenol-d6	6.76	99	46356	6.92	ng	-0.02
7) Nitrobenzene-d5	8.71	82	24036	4.10	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	15670	9.59	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	48993	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	87331	3.85	ng	0.00

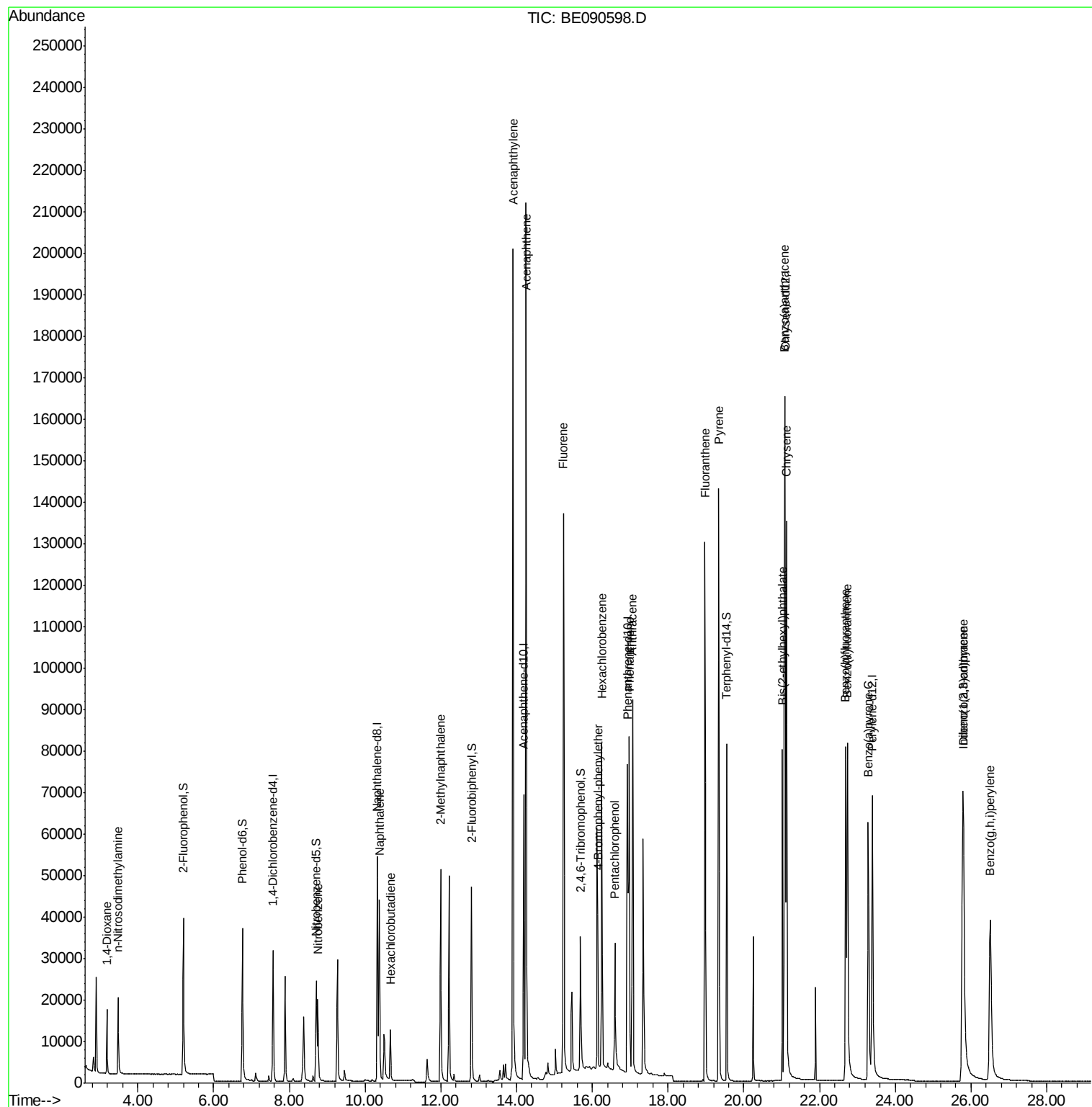
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	8252	4.62	ng	98
3) n-Nitrosodimethylamine	3.48	42	10884	4.00	ng	# 79
8) Nitrobenzene	8.75	77	23545	3.87	ng	95
9) Naphthalene	10.38	128	59456	3.55	ng	98
10) Hexachlorobutadiene	10.67	225	8715	3.55	ng	100
11) 2-Methylnaphthalene	11.99	142	41055	3.77	ng	97
15) Acenaphthylene	13.91	152	284208	3.67	ng	100
16) Acenaphthene	14.25	154	42270	3.62	ng	# 82
17) Fluorene	15.24	166	59115	4.13	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	15871	3.68	ng	# 75
20) Hexachlorobenzene	16.25	284	71455	3.74	ng	96
21) Pentachlorophenol	16.60	266	17092	7.31	ng	90
22) Phenanthrene	16.98	178	103925	3.75	ng	100
23) Anthracene	17.07	178	103216	4.05	ng	100
24) Fluoranthene	18.98	202	124670	4.23	ng	99
26) Pyrene	19.34	202	134649	3.79	ng	99
28) Benzo(a)anthracene	21.07	228	126078	3.86	ng	100
29) Chrysene	21.13	228	129619	3.89	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	66174	3.44	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	119410	3.80	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	107730	4.20	ng	99
34) Benzo(k)fluoranthene	22.74	252	127476	4.39	ng	98
35) Benzo(a)pyrene	23.29	252	109991	4.59	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	95356	4.12	ng	97
37) Benzo(g,h,i)perylene	26.51	276	105998	4.19	ng	95

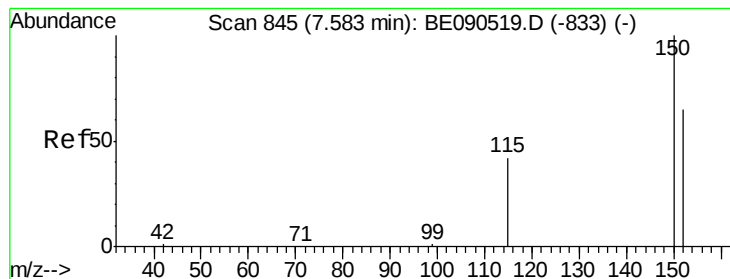
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 842

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

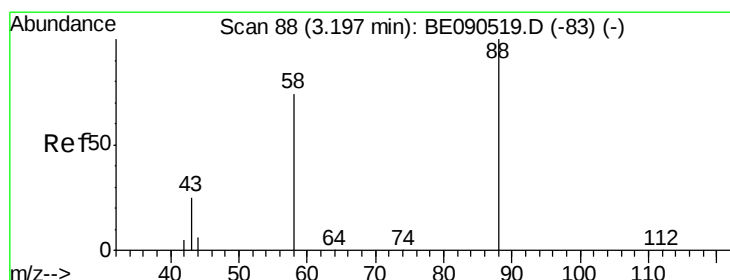
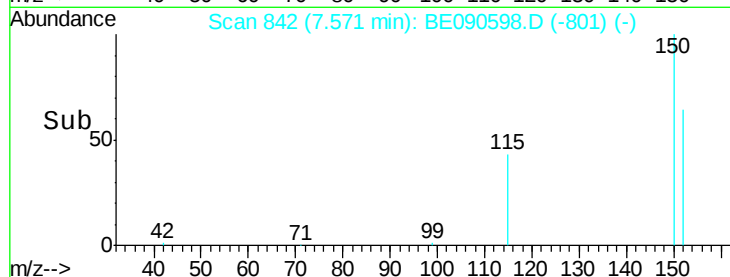
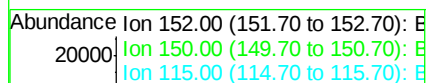
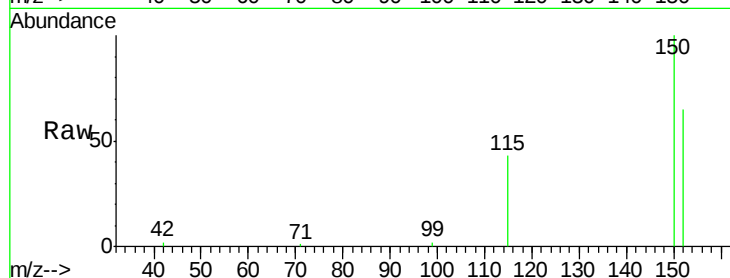
Tgt Ion:152 Resp: 15763

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

115 66.3 48.9 73.3



#2

1,4-Dioxane

Concen: 4.62 ng

RT: 3.18 min Scan# 86

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

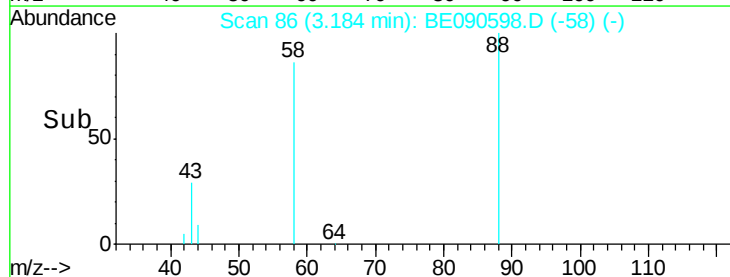
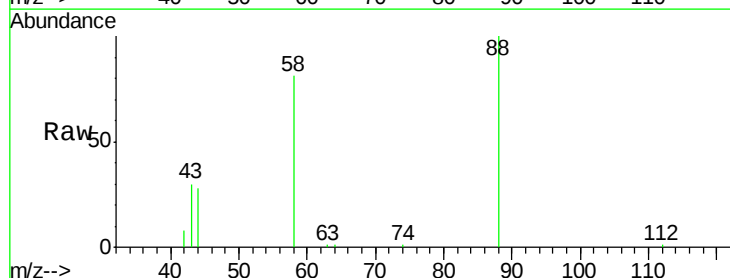
Tgt Ion: 88 Resp: 8252

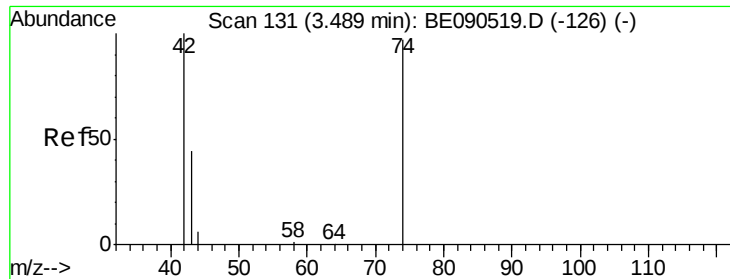
Ion Ratio Lower Upper

88 100

58 87.7 70.0 105.0

43 32.7 28.4 42.6





#3

n-Nitrosodimethylamine

Concen: 4.00 ng

RT: 3.48 min Scan# 129

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

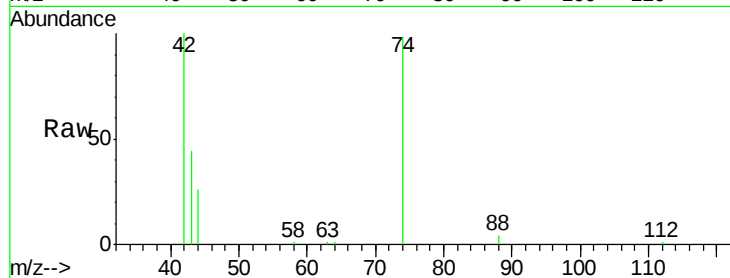
Tgt Ion: 42 Resp: 10884

Ion Ratio Lower Upper

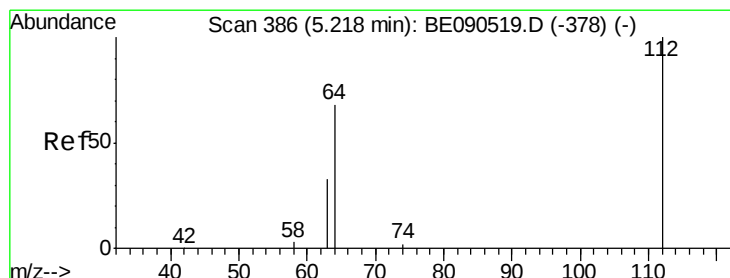
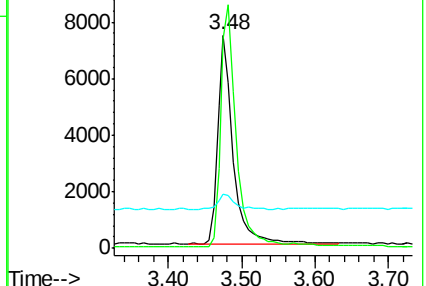
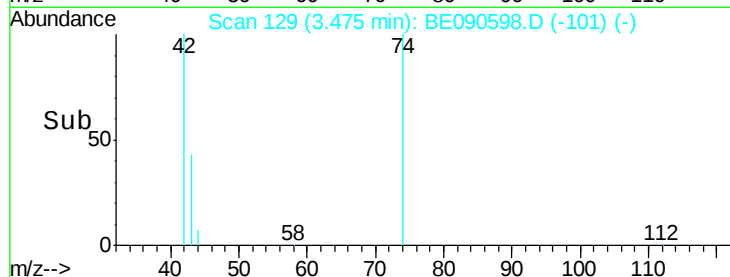
42 100

74 116.2 75.2 112.8#

44 9.3 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: 7.05 ng

RT: 5.20 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

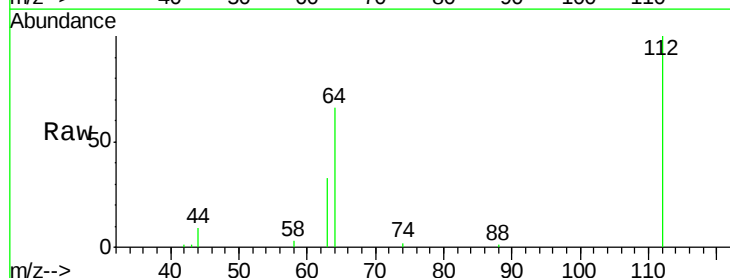
Tgt Ion: 112 Resp: 32152

Ion Ratio Lower Upper

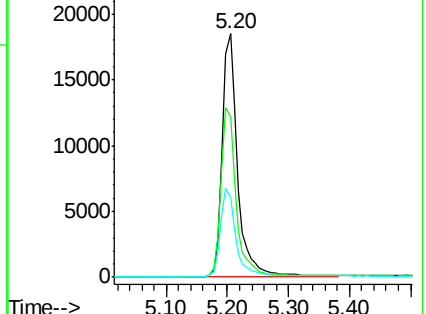
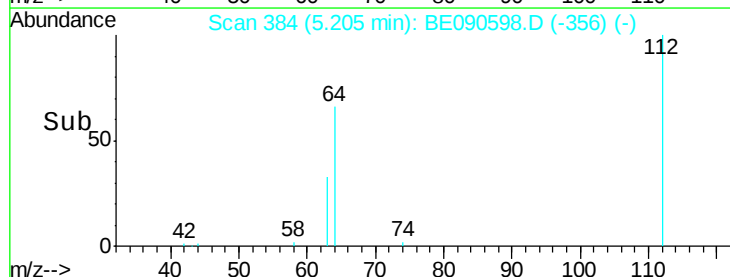
112 100

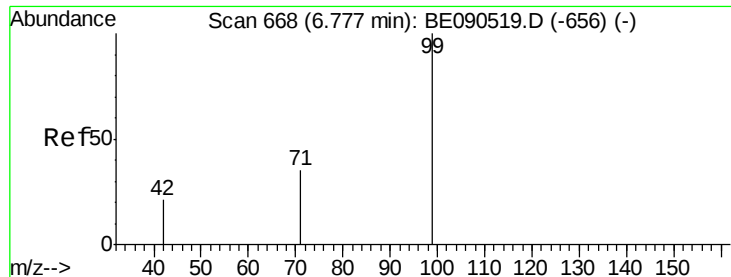
64 69.7 37.1 55.7#

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: 6.92 ng

RT: 6.76 min Scan# 664

Delta R.T. -0.02 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

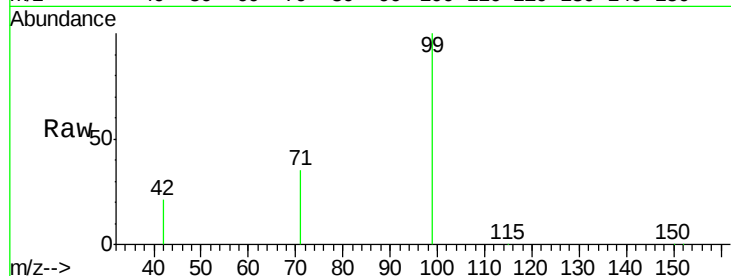
Tgt Ion: 99 Resp: 46356

Ion Ratio Lower Upper

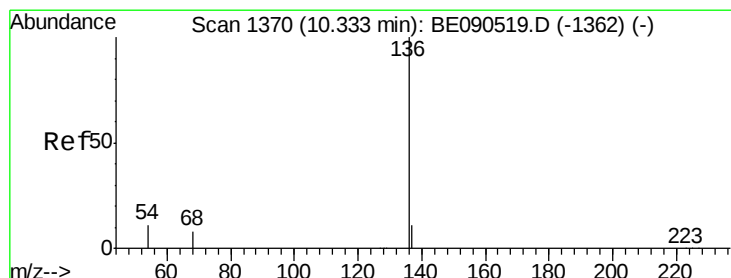
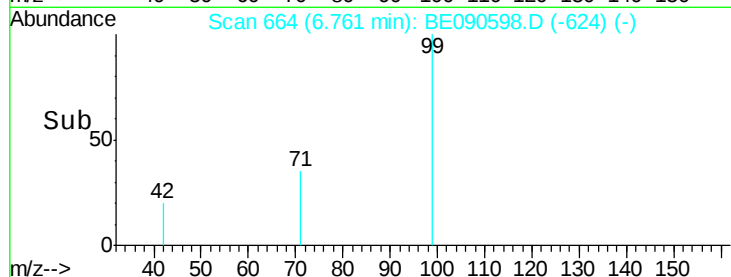
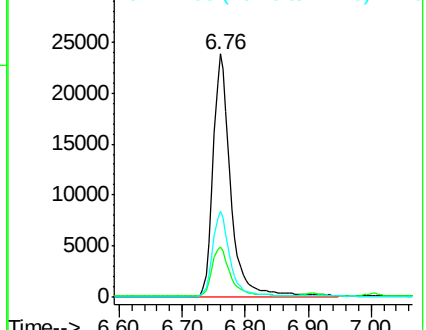
99 100

42 21.1 18.2 27.4

71 35.1 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: 10.32 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Tgt Ion: 136 Resp: 73657

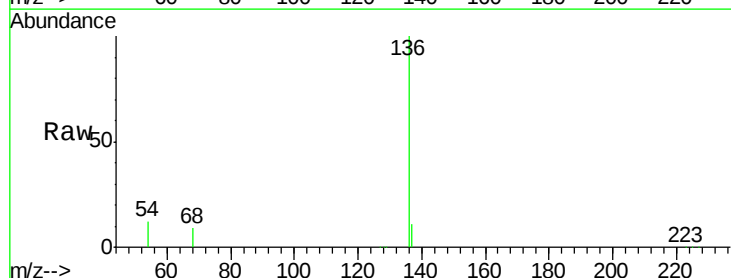
Ion Ratio Lower Upper

136 100

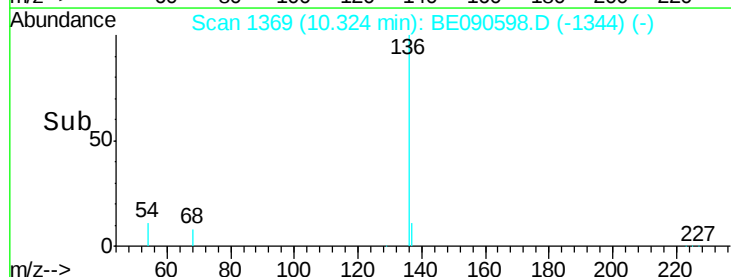
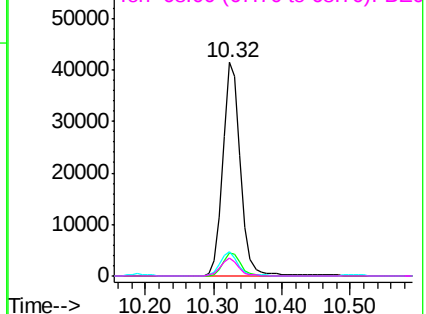
137 10.8 8.7 13.1

54 11.6 9.4 14.0

68 8.5 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 4.10 ng

RT: 8.71 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

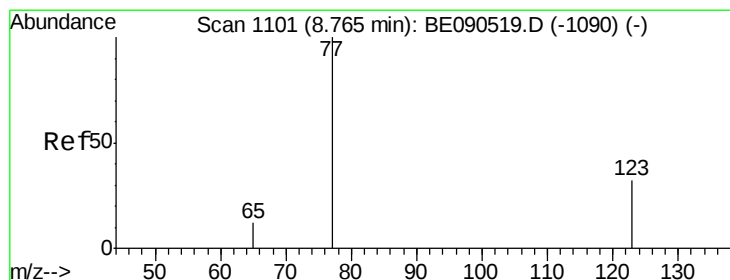
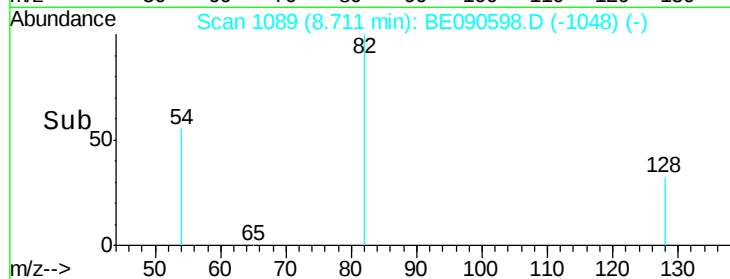
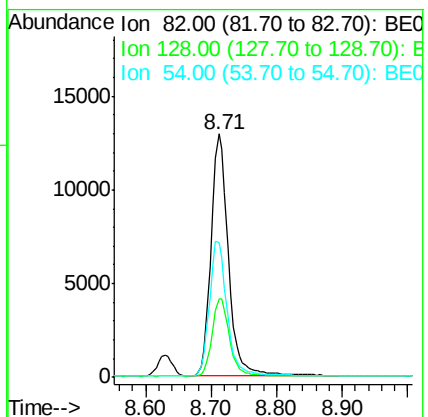
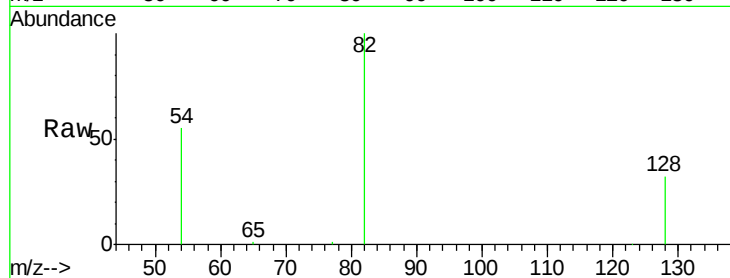
Tgt Ion: 82 Resp: 24036

Ion Ratio Lower Upper

82 100

128 32.3 25.0 37.6

54 55.4 48.8 73.2



#8

Nitrobenzene

Concen: 3.87 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

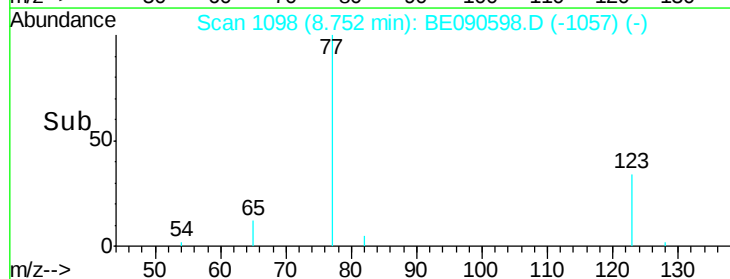
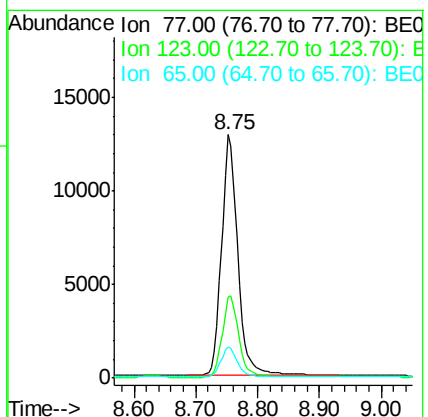
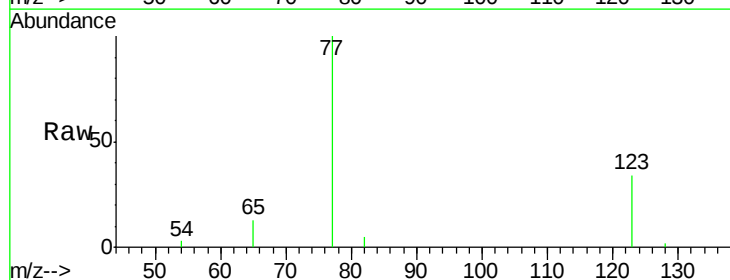
Tgt Ion: 77 Resp: 23545

Ion Ratio Lower Upper

77 100

123 34.7 25.1 37.7

65 12.6 9.3 13.9





#9

Naphthalene

Concen: 3.55 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

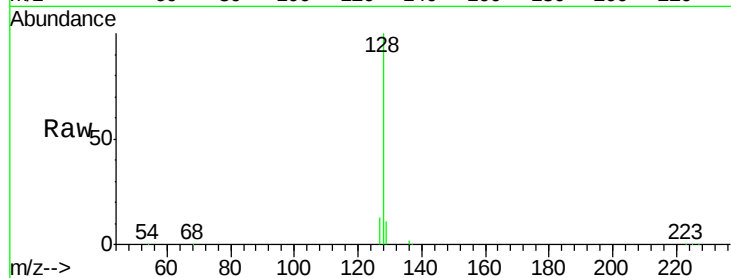
Tgt Ion:128 Resp: 59456

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

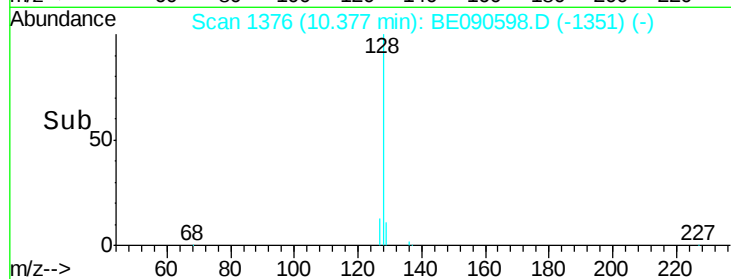
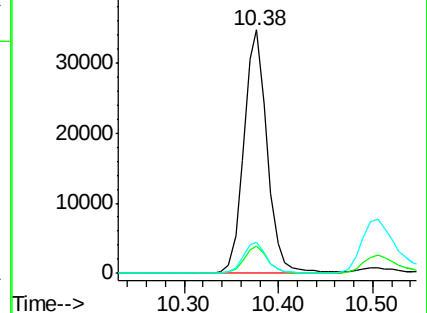
127 12.8 10.6 16.0



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: 3.55 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

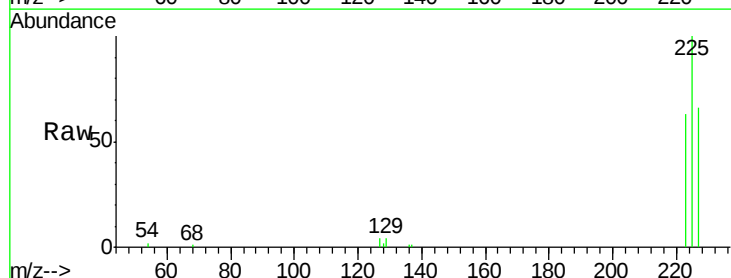
Tgt Ion:225 Resp: 8715

Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

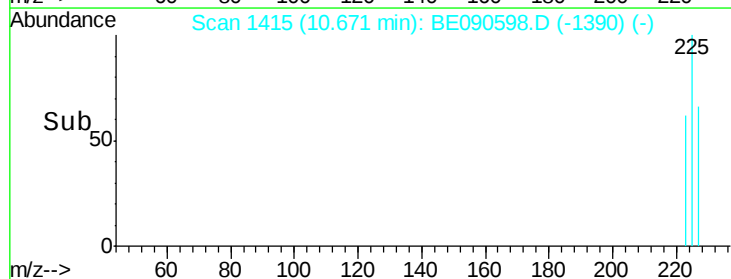
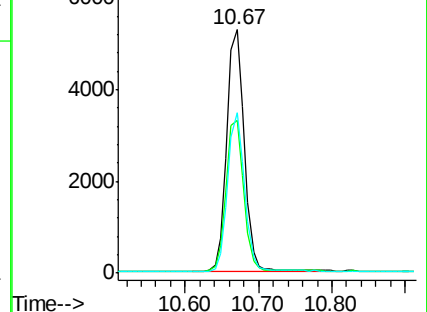
227 63.3 50.7 76.1



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: 3.77 ng

RT: 11.99 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

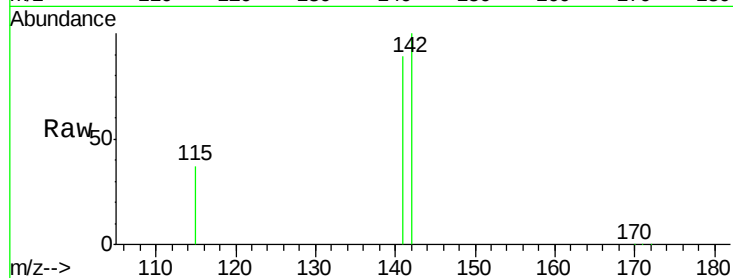
Tgt Ion:142 Resp: 41055

Ion Ratio Lower Upper

142 100

141 88.6 72.6 109.0

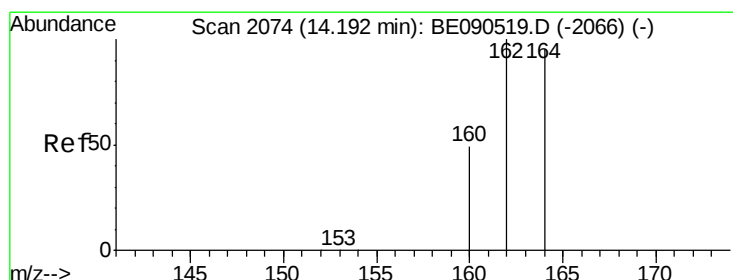
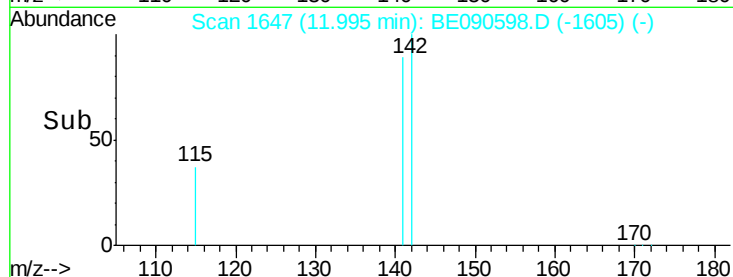
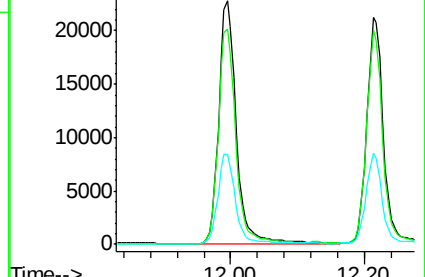
115 37.0 31.6 47.4



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. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

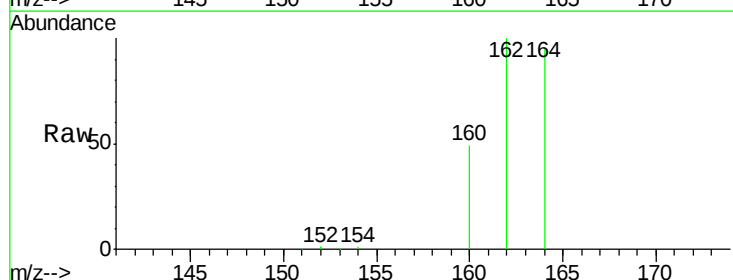
Tgt Ion:164 Resp: 42446

Ion Ratio Lower Upper

164 100

162 104.8 81.8 122.8

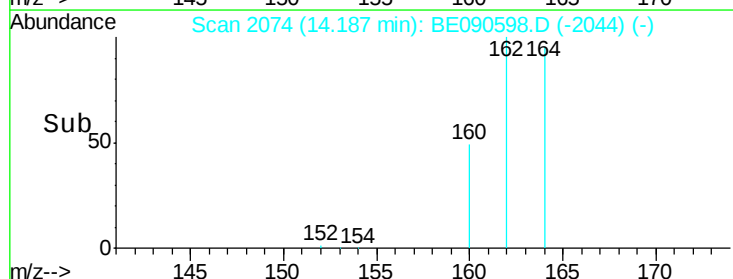
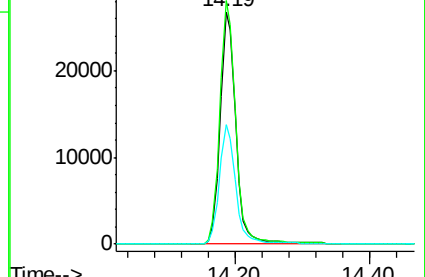
160 51.6 44.2 66.4



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

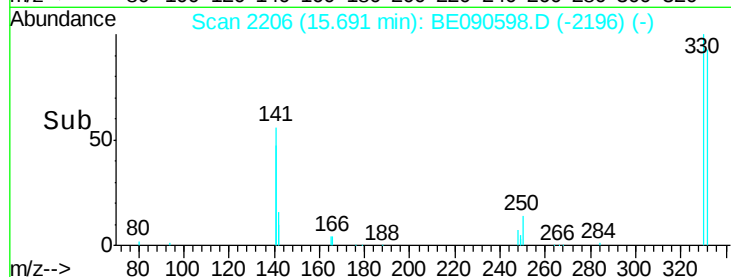
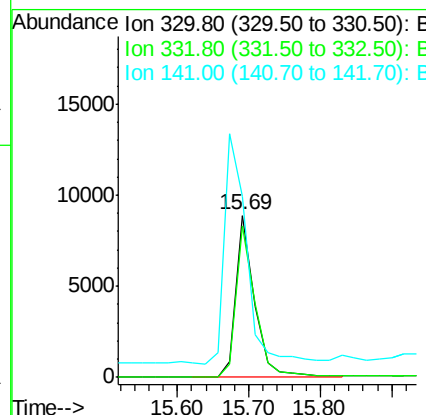
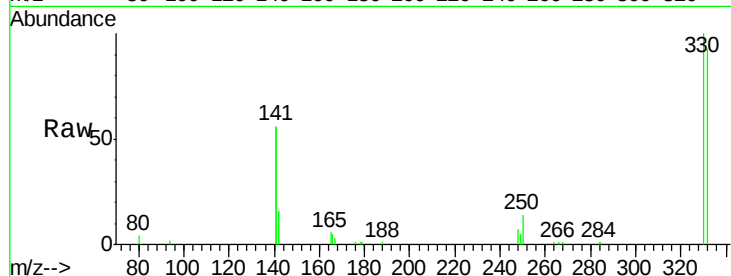




#13
 2,4,6-Tribromophenol
 Concen: 9.59 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090598.D
 Acq: 24 Aug 2015 13:19

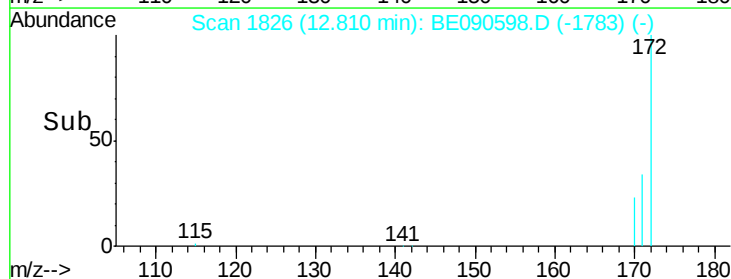
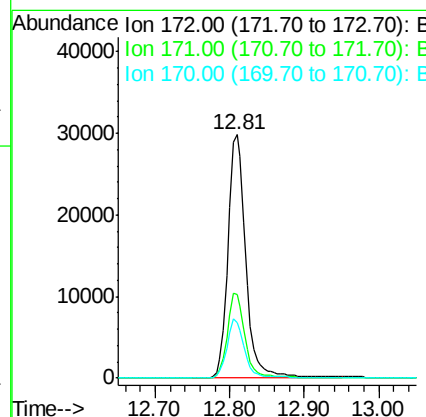
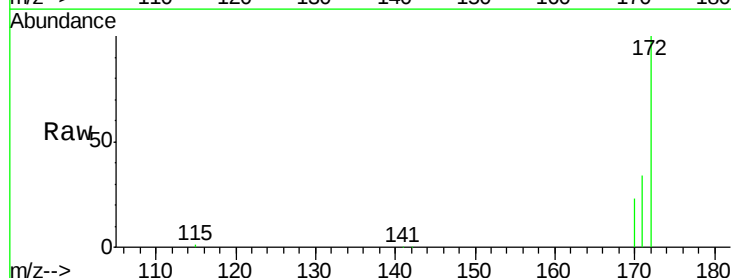
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-01

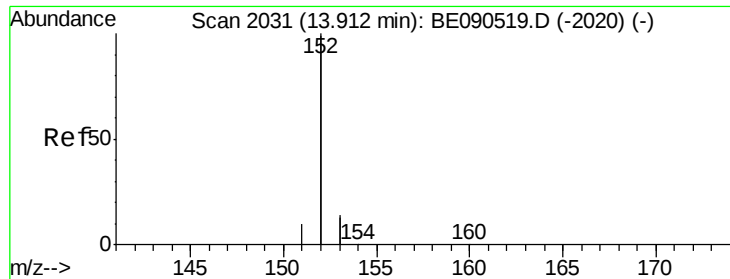
Tgt Ion:330 Resp: 15670
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 171.0 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BE090598.D
 Acq: 24 Aug 2015 13:19

Tgt Ion:172 Resp: 48993
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.0 19.8 29.8





#15

Acenaphthylene

Concen: 3.67 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

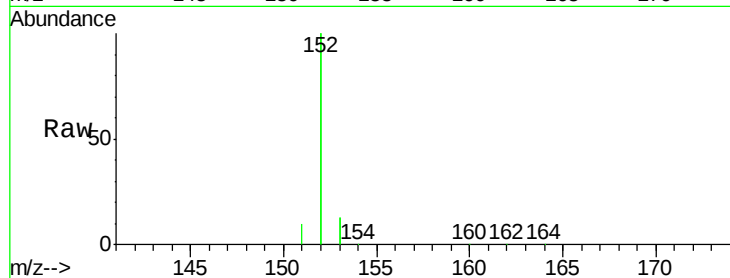
Tgt Ion:152 Resp: 284208

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

13.91

200000

150000

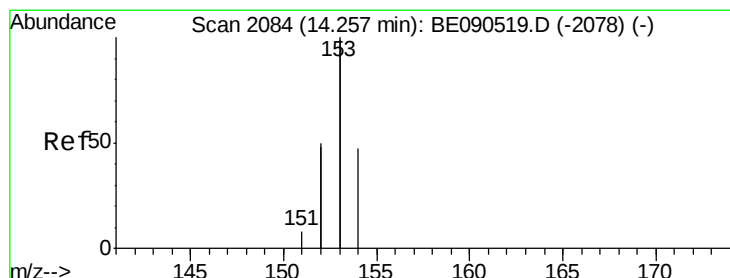
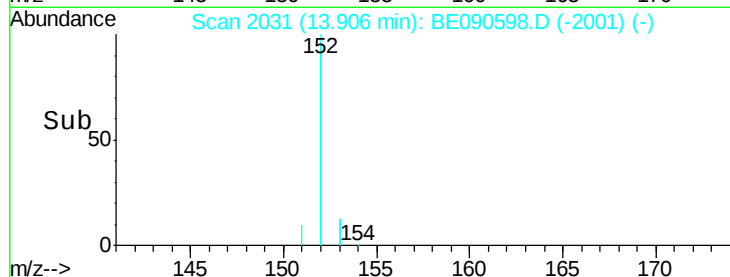
100000

50000

0

Time-->

13.80 14.00



#16

Acenaphthene

Concen: 3.62 ng

RT: 14.25 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

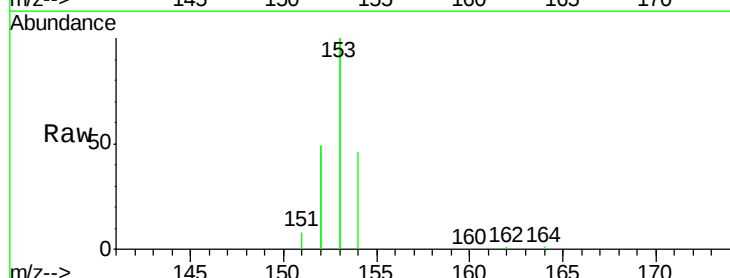
Tgt Ion:154 Resp: 42270

Ion Ratio Lower Upper

154 100

153 448.1 376.2 564.2

152 230.2 235.0 352.4#



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

14.25

150000

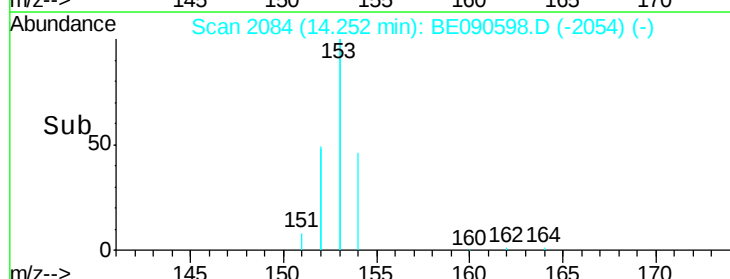
100000

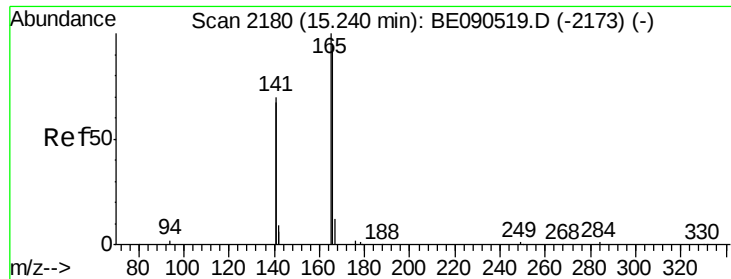
50000

0

Time-->

14.20 14.25 14.30





#17

Fluorene

Concen: 4.13 ng

RT: 15.24 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

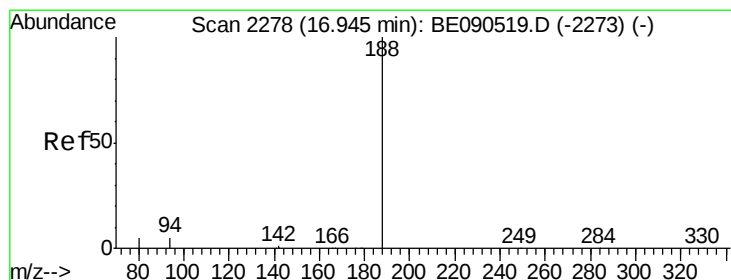
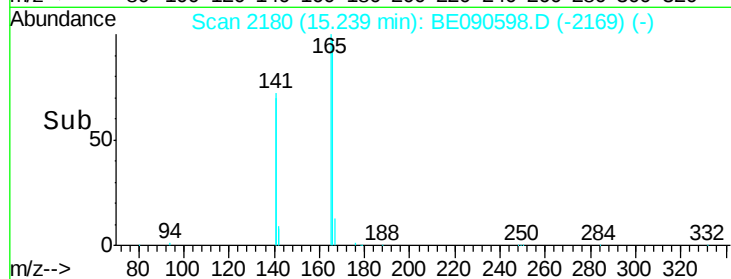
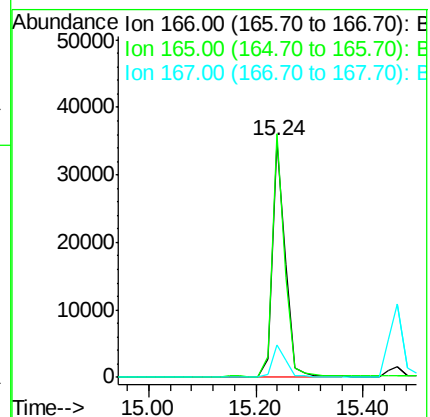
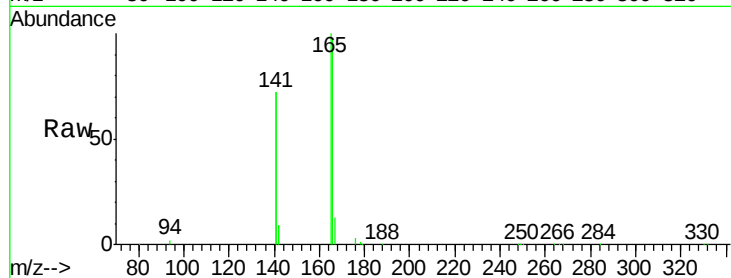
Tgt Ion:166 Resp: 59115

Ion Ratio Lower Upper

166 100

165 98.9 81.5 122.3

167 13.7 11.4 17.0



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.93 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

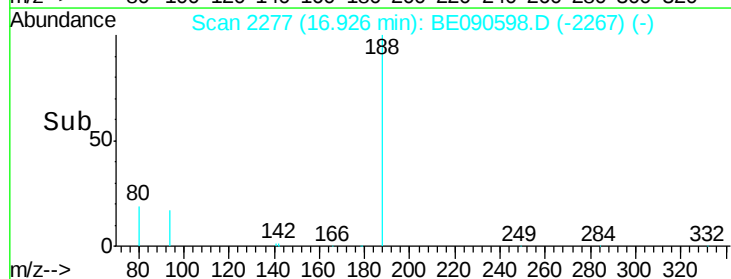
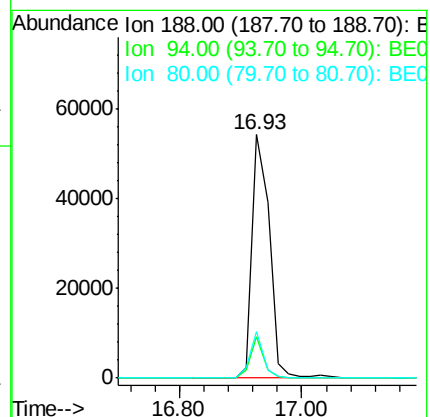
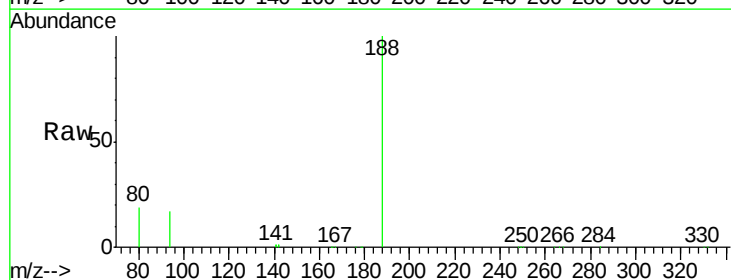
Tgt Ion:188 Resp: 105577

Ion Ratio Lower Upper

188 100

94 17.0 5.7 8.5#

80 19.0 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 3.68 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

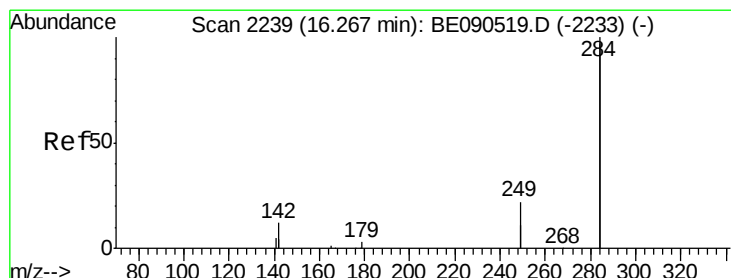
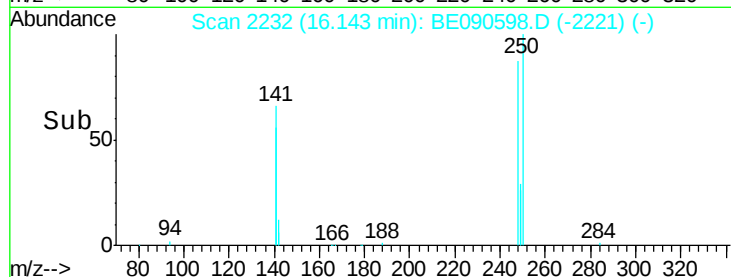
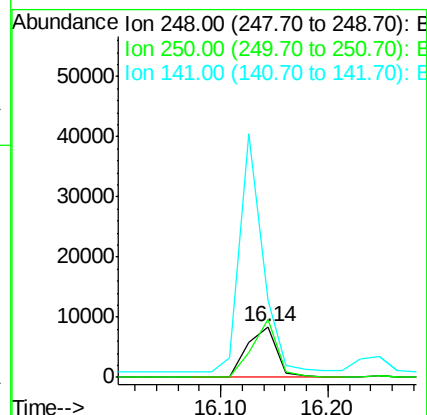
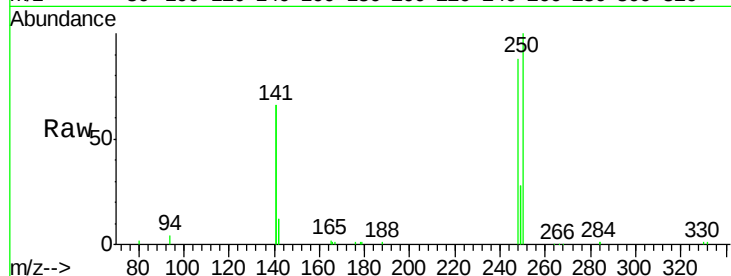
Tgt Ion:248 Resp: 15871

Ion Ratio Lower Upper

248 100

250 98.6 79.0 118.6

141 364.7 239.5 359.3#



#20

Hexachlorobenzene

Concen: 3.74 ng

RT: 16.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

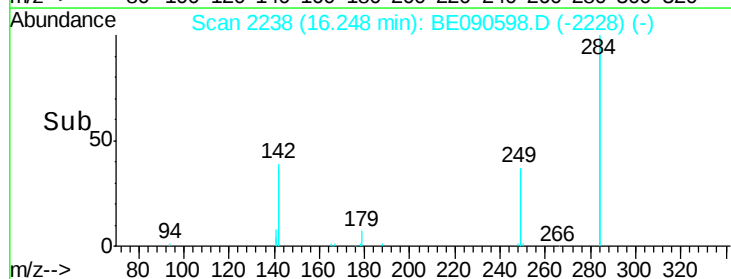
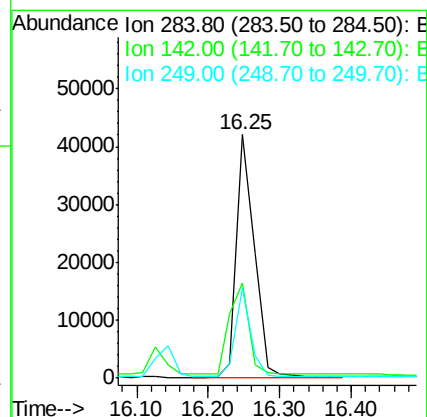
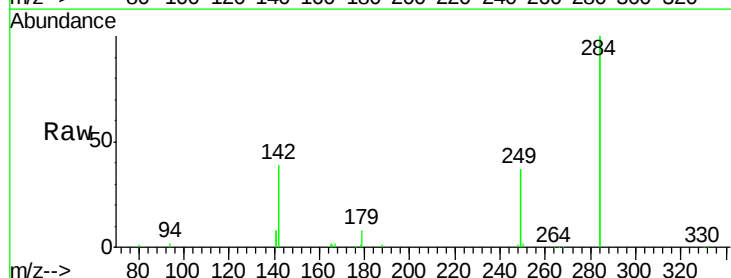
Tgt Ion:284 Resp: 71455

Ion Ratio Lower Upper

284 100

142 41.7 30.1 45.1

249 31.6 25.7 38.5

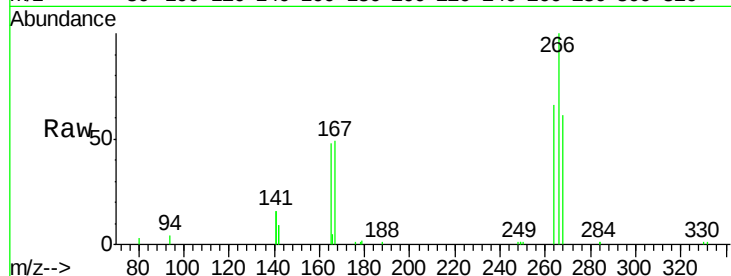




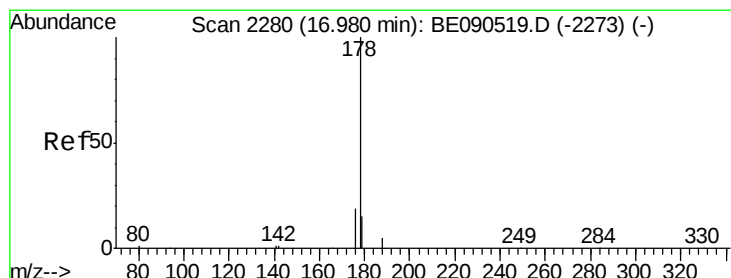
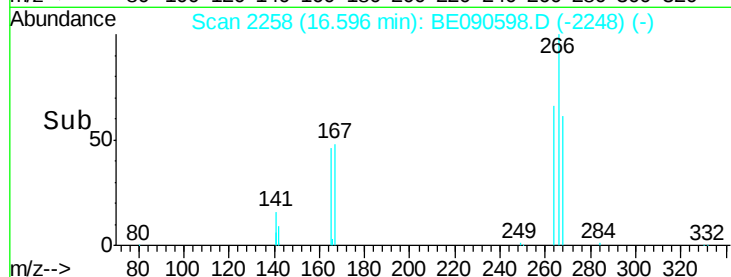
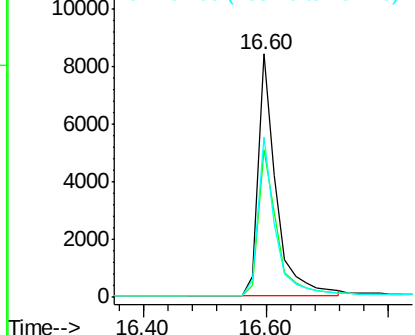
#21
 Pentachlorophenol
 Concen: 7.31 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BE090598.D
 Acq: 24 Aug 2015 13:19

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-01

Tgt Ion: 266 Resp: 17092
 Ion Ratio Lower Upper
 266 100
 268 60.8 58.5 87.7
 264 65.8 56.0 84.0

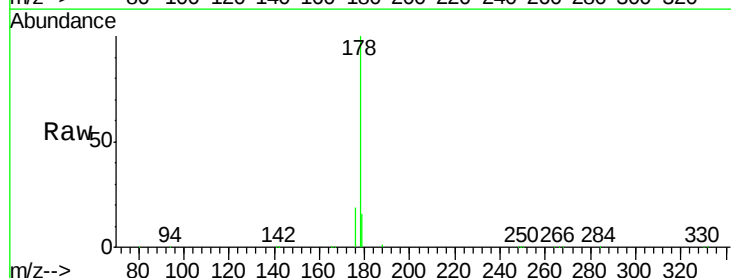


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

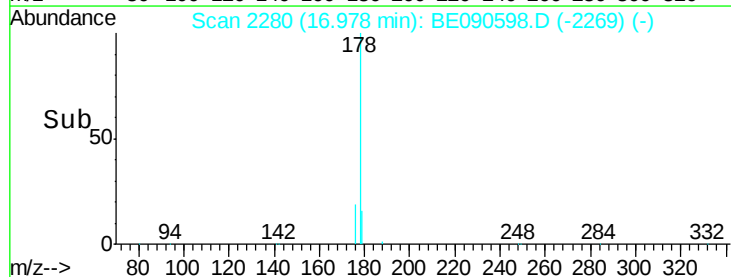
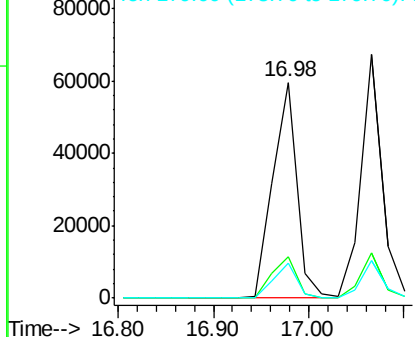


#22
 Phenanthrene
 Concen: 3.75 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090598.D
 Acq: 24 Aug 2015 13:19

Tgt Ion: 178 Resp: 103925
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.05 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

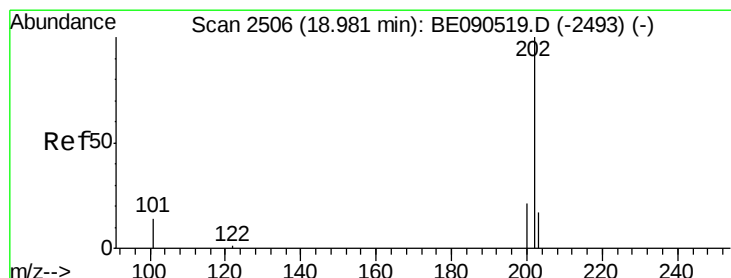
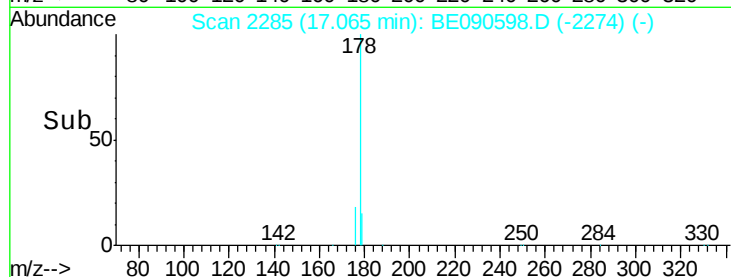
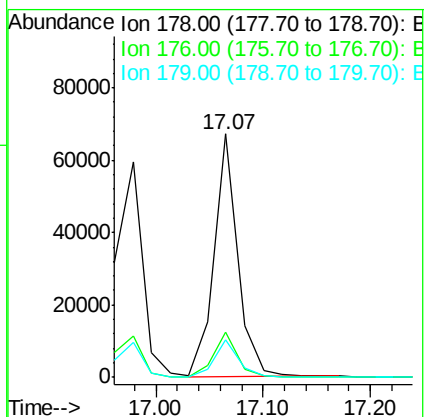
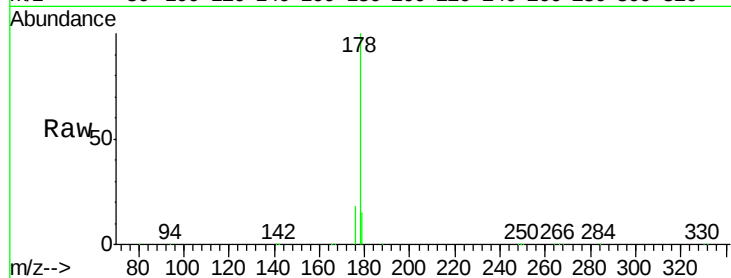
Tgt Ion:178 Resp: 103216

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.2 12.2 18.4



#24

Fluoranthene

Concen: 4.23 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

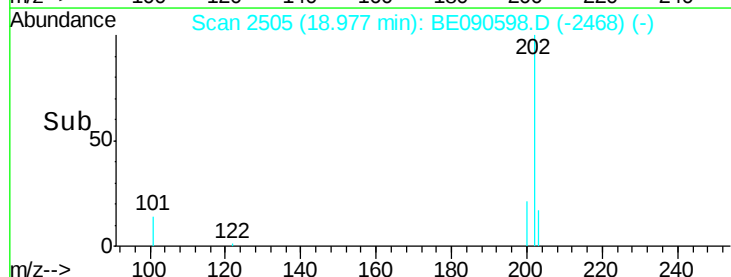
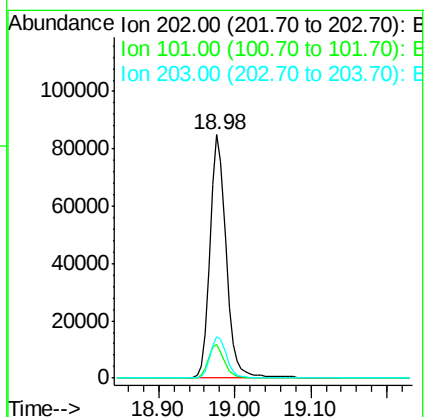
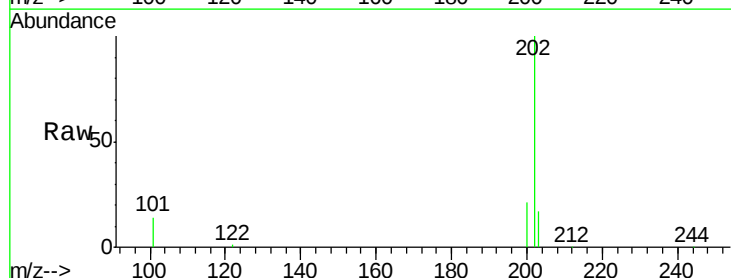
Tgt Ion:202 Resp: 124670

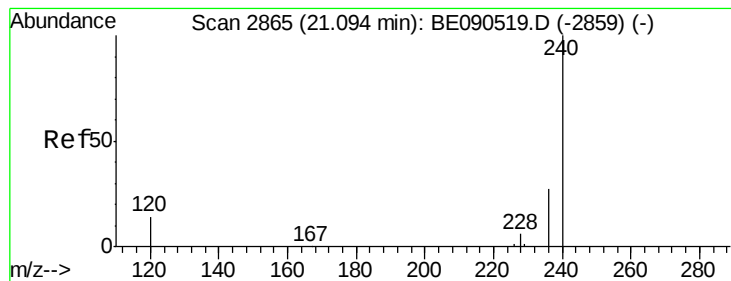
Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

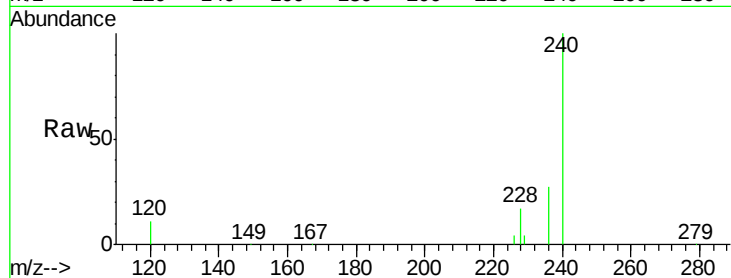
Tgt Ion:240 Resp: 124025

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

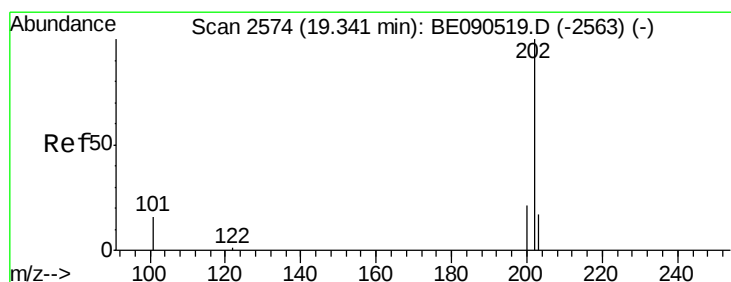
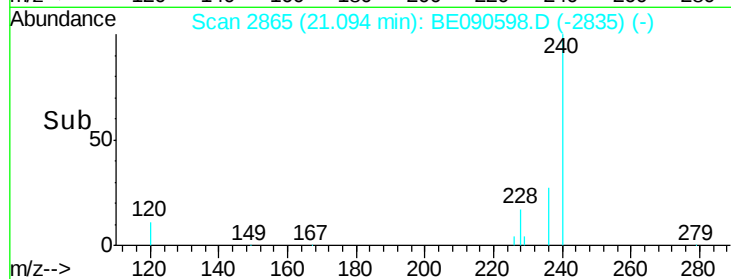
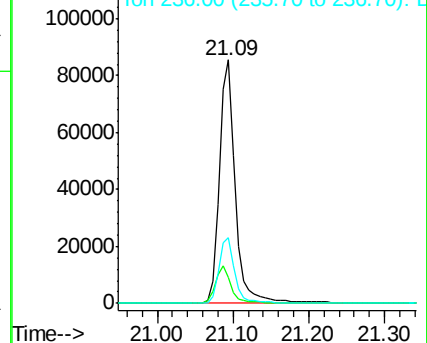
236 26.8 21.0 31.4



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



#26

Pyrene

Concen: 3.79 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

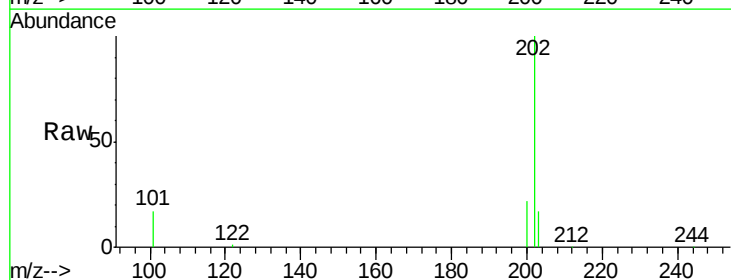
Tgt Ion:202 Resp: 134649

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

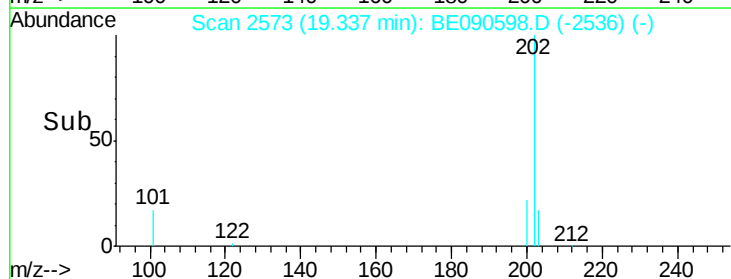
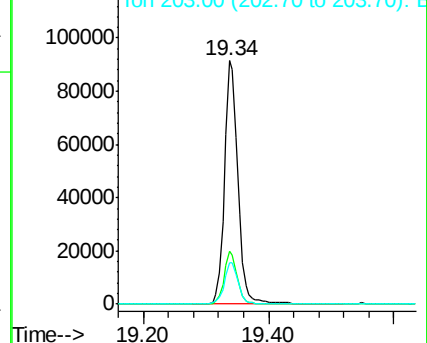
203 17.8 13.8 20.8



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

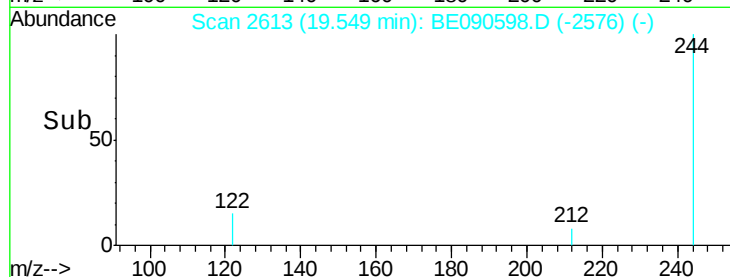
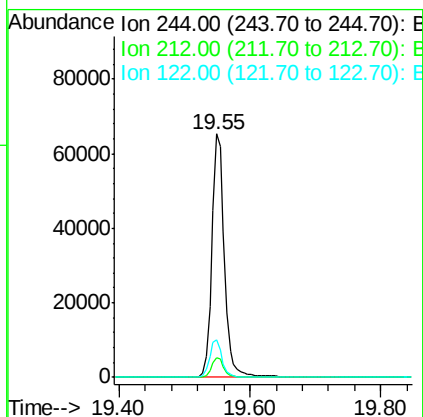
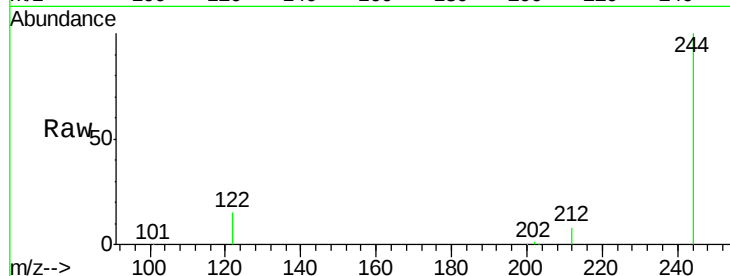




#27
 Terphenyl-d14
 Concen: 3.85 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BE090598.D
 Acq: 24 Aug 2015 13:19

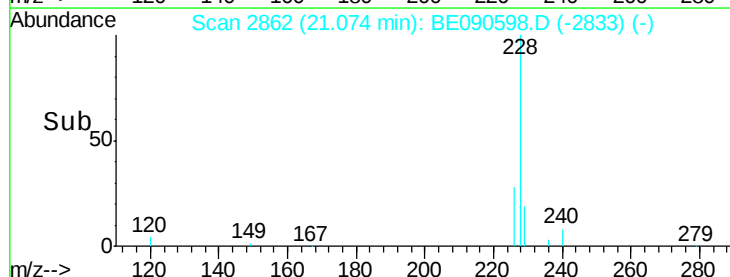
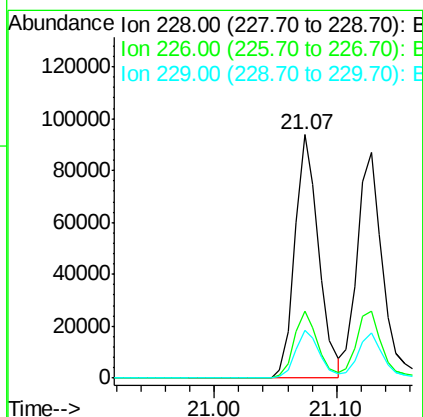
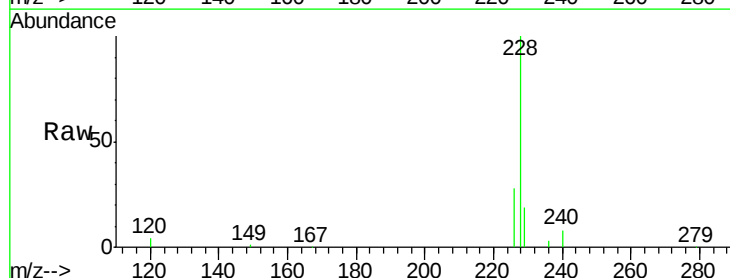
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-01

Tgt Ion: 244 Resp: 87331
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.5 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 3.86 ng
 RT: 21.07 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BE090598.D
 Acq: 24 Aug 2015 13:19

Tgt Ion: 228 Resp: 126078
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.9 32.9
 229 19.5 15.4 23.0





#29

Chrysene

Concen: 3.89 ng

RT: 21.13 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

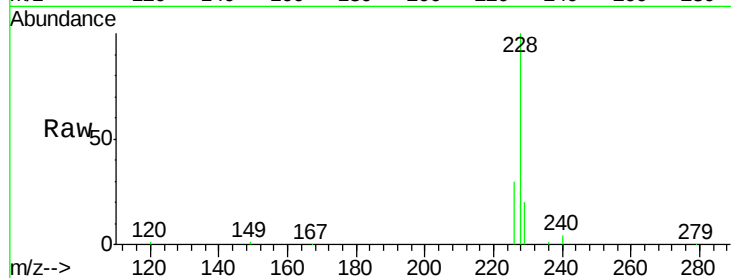
Tgt Ion:228 Resp: 129619

Ion Ratio Lower Upper

228 100

226 29.7 23.1 34.7

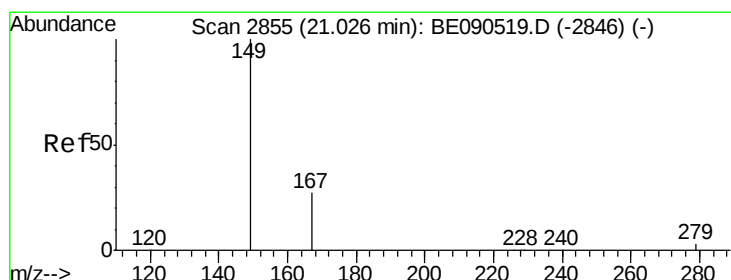
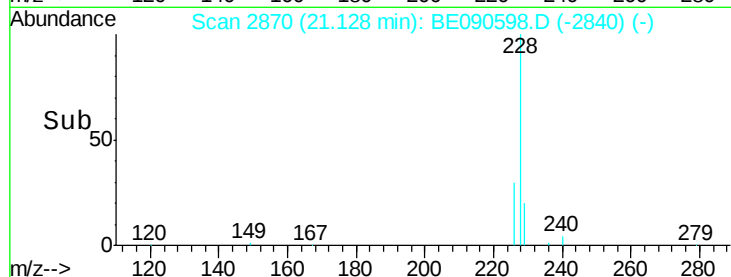
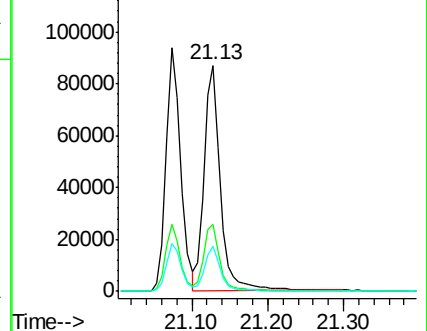
229 19.7 15.8 23.8



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: 3.44 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

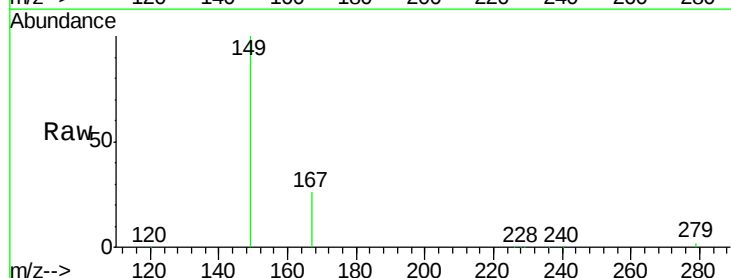
Tgt Ion:149 Resp: 66174

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

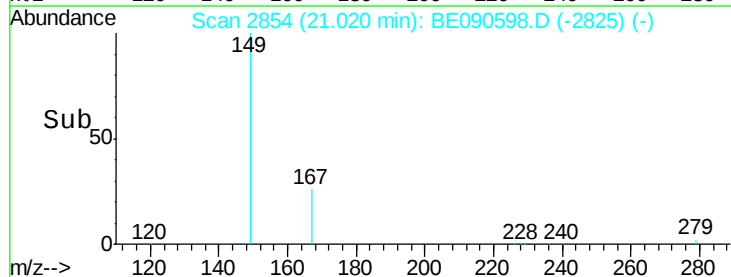
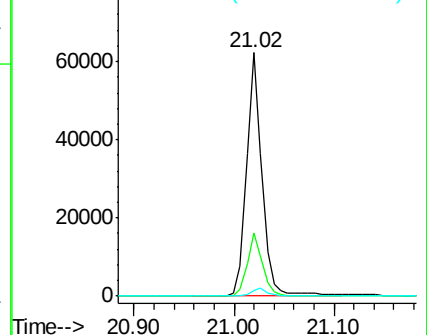
279 3.0 2.4 3.6



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: 3.80 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

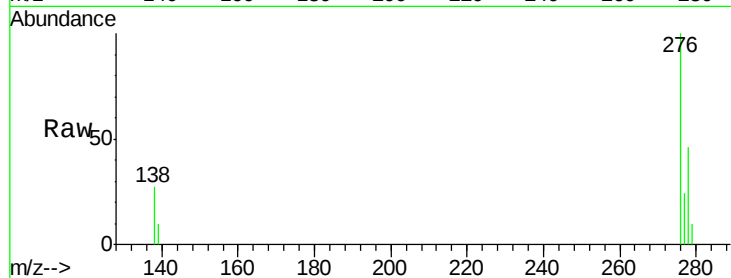
Tgt Ion:276 Resp: 119410

Ion Ratio Lower Upper

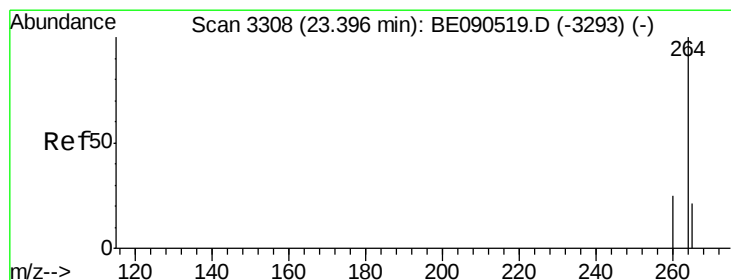
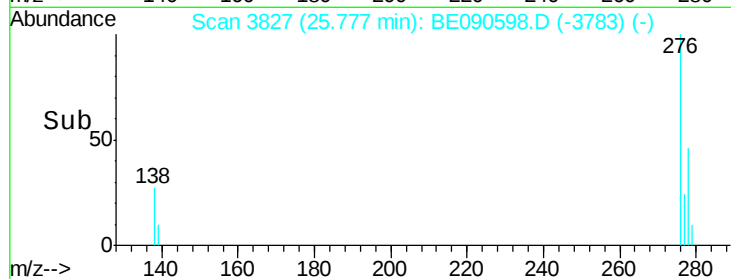
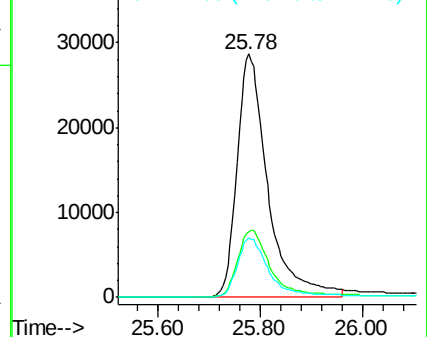
276 100

138 29.3 18.8 28.2#

277 24.9 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

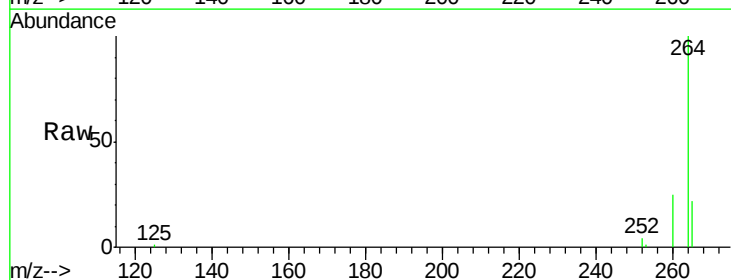
Tgt Ion:264 Resp: 108236

Ion Ratio Lower Upper

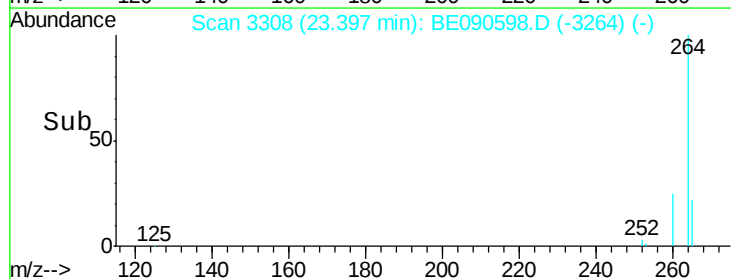
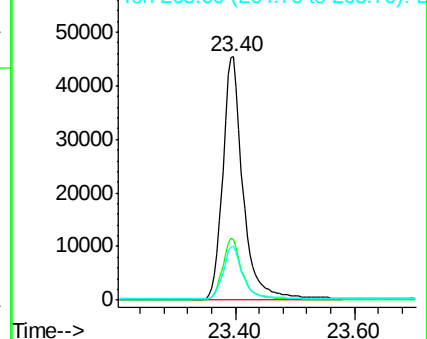
264 100

260 25.0 20.1 30.1

265 22.0 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: 4.20 ng

RT: 22.69 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

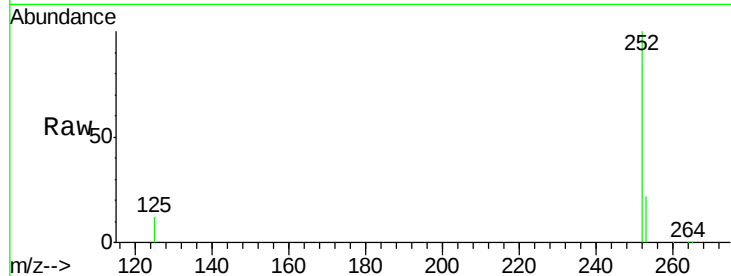
Tgt Ion:252 Resp: 107730

Ion Ratio Lower Upper

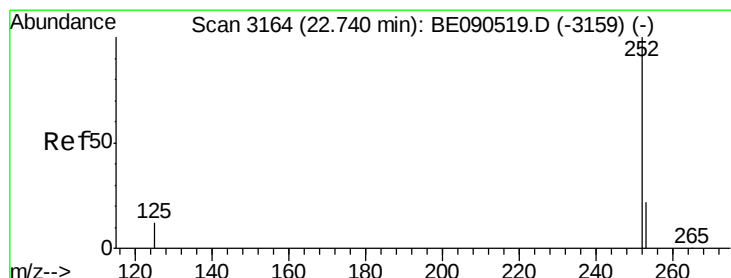
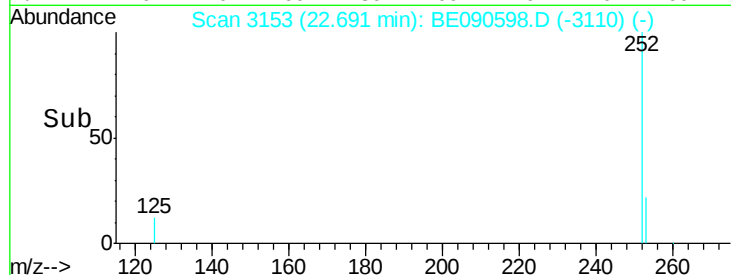
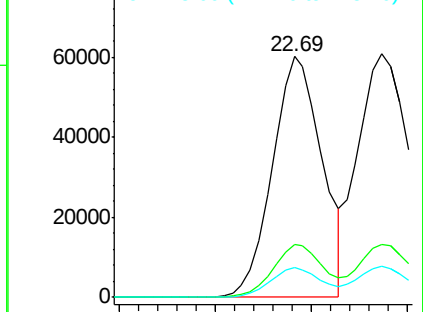
252 100

253 21.8 18.1 27.1

125 12.3 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: 4.39 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

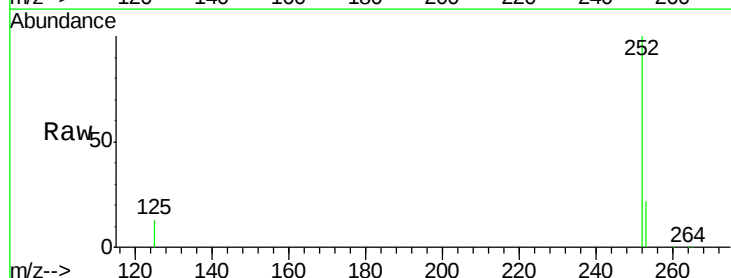
Tgt Ion:252 Resp: 127476

Ion Ratio Lower Upper

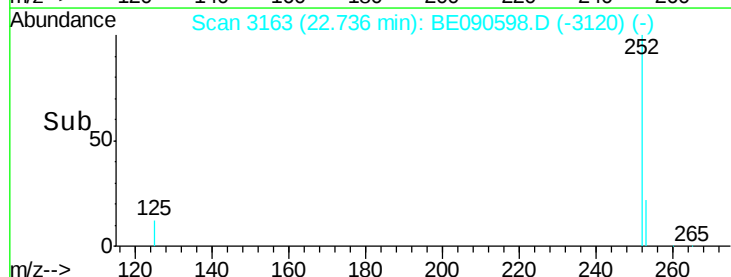
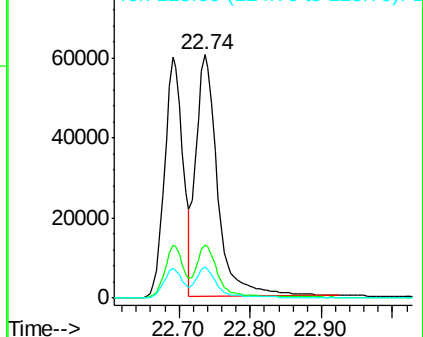
252 100

253 21.6 18.1 27.1

125 12.6 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: 4.59 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

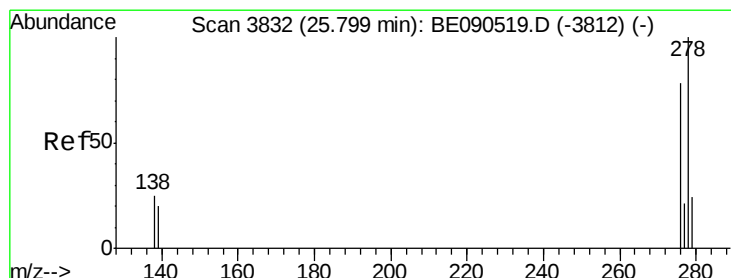
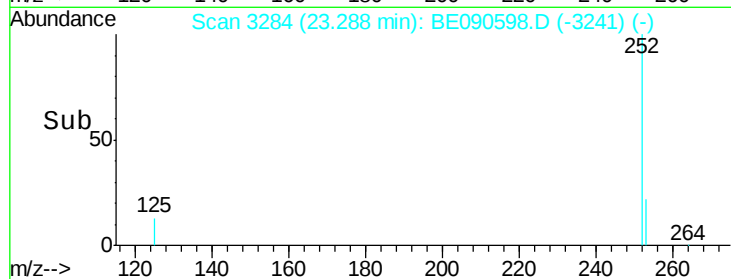
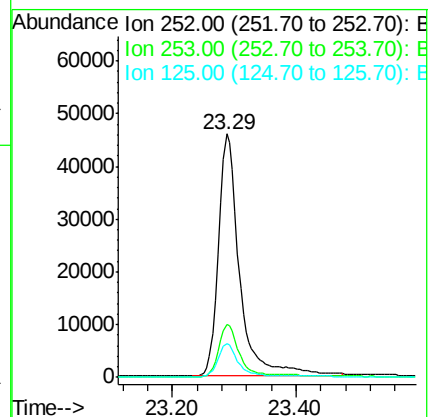
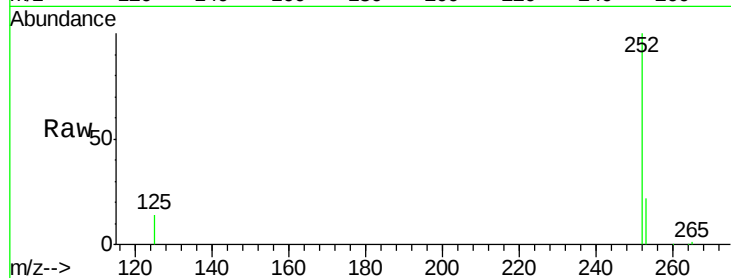
Tgt Ion:252 Resp: 109991

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 13.6 9.8 14.6



#36

Dibenzo(a,h)anthracene

Concen: 4.12 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

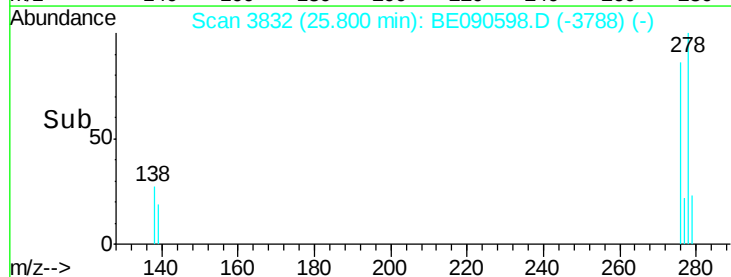
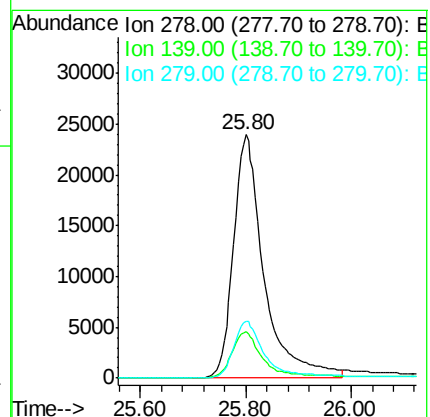
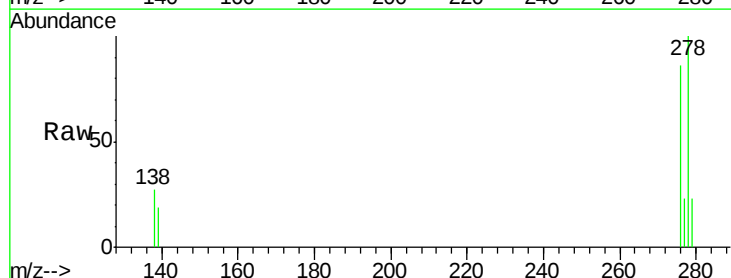
Tgt Ion:278 Resp: 95356

Ion Ratio Lower Upper

278 100

139 19.0 14.2 21.4

279 23.4 20.1 30.1





#37

Benzo(g,h,i)perylene

Concen: 4.19 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090598.D

Acq: 24 Aug 2015 13:19

Instrument :

BNA_E

ClientSampleId :

IDOC-S-01

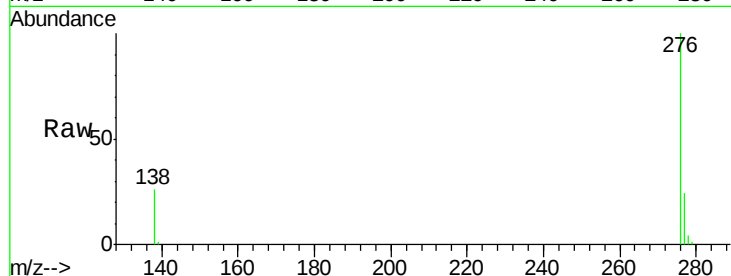
Tgt Ion: 276 Resp: 105998

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 26.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

