

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090605.D
 Acq On : 24 Aug 2015 17:35
 Operator : UM/IZ
 Sample : IDOC-W-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-02

Quant Time: Aug 24 22:59:47 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

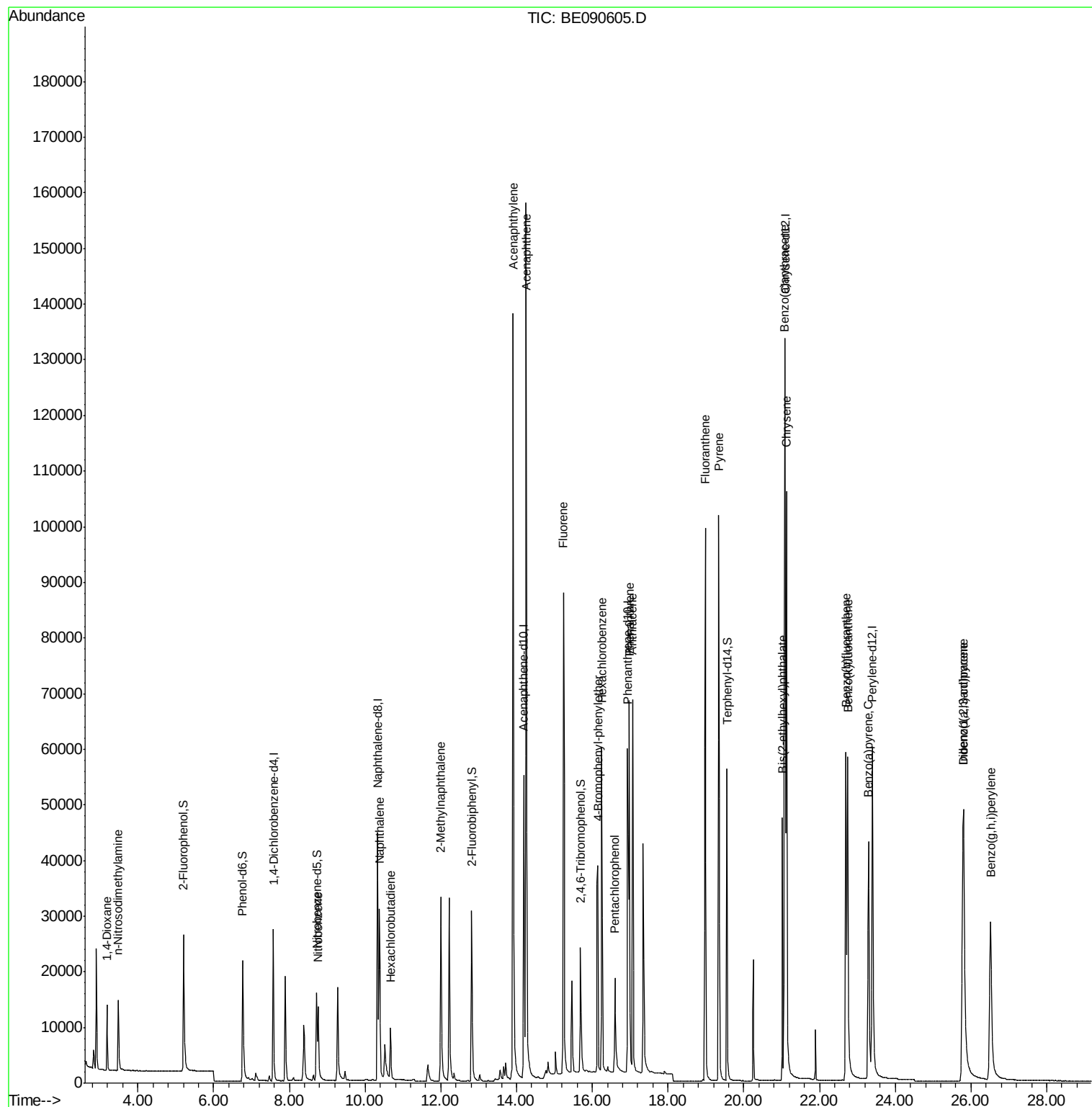
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	13838	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	64555	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	37495	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	92150	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	110894	5.00	ng	0.00
32) Perylene-d12	23.40	264	93604	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	23306	5.82	ng	0.00
5) Phenol-d6	6.77	99	32763	5.57	ng	0.00
7) Nitrobenzene-d5	8.72	82	17247	3.35	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	11292	7.83	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	37615	3.36	ng	0.00
27) Terphenyl-d14	19.55	244	64456	3.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	6664	4.24	ng	95
3) n-Nitrosodimethylamine	3.48	42	8005	3.35	ng	# 81
8) Nitrobenzene	8.76	77	17305	3.25	ng	95
9) Naphthalene	10.38	128	46657	3.18	ng	98
10) Hexachlorobutadiene	10.67	225	7047	3.27	ng	99
11) 2-Methylnaphthalene	12.00	142	32079	3.36	ng	96
15) Acenaphthylene	13.91	152	222289	3.25	ng	100
16) Acenaphthene	14.25	154	33144	3.22	ng	83
17) Fluorene	15.24	166	44909	3.56	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	12576	3.34	ng	82
20) Hexachlorobenzene	16.25	284	56627	3.39	ng	96
21) Pentachlorophenol	16.60	266	11139	5.54	ng	89
22) Phenanthrene	16.98	178	81408	3.37	ng	100
23) Anthracene	17.07	178	78160	3.51	ng	100
24) Fluoranthene	18.98	202	95133	3.70	ng	99
26) Pyrene	19.34	202	102626	3.23	ng	99
28) Benzo(a)anthracene	21.07	228	96374	3.30	ng	100
29) Chrysene	21.13	228	96995	3.25	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	42762	2.53	ng	98
31) Indeno(1,2,3-cd)pyrene	25.79	276	86750	3.09	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	81961	3.70	ng	99
34) Benzo(k)fluoranthene	22.74	252	93867	3.74	ng	99
35) Benzo(a)pyrene	23.29	252	80966	3.90	ng	98
36) Dibenzo(a,h)anthracene	25.81	278	68516	3.42	ng	98
37) Benzo(g,h,i)perylene	26.52	276	77333	3.53	ng	96

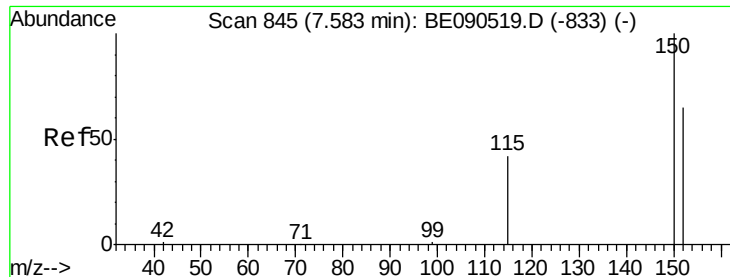
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

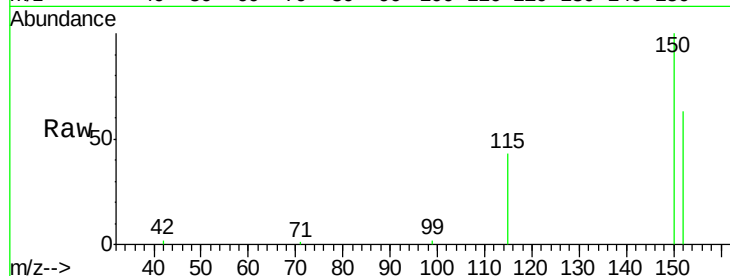
Tgt Ion:152 Resp: 13838

Ion Ratio Lower Upper

152 100

150 158.8 123.0 184.4

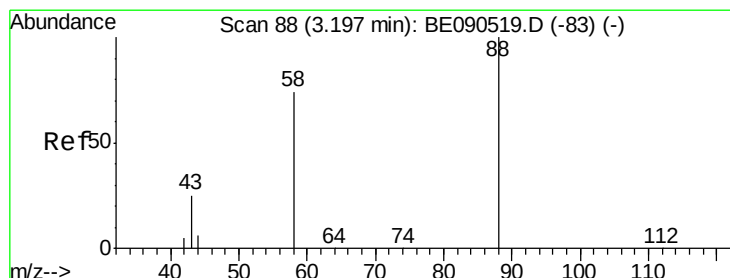
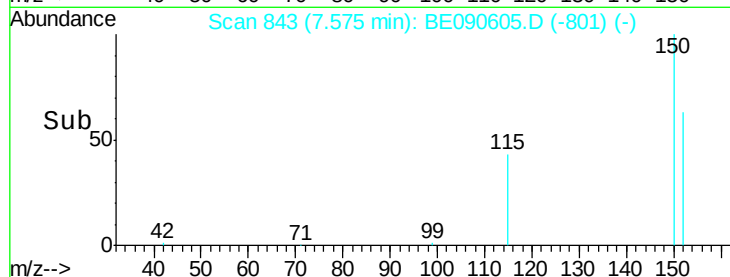
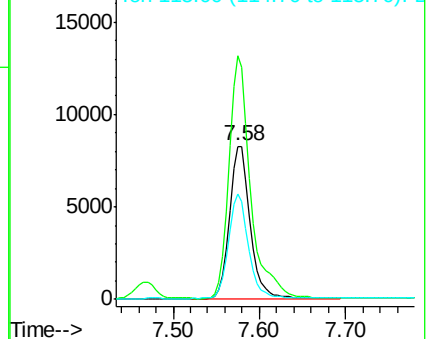
115 68.4 48.9 73.3



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: 4.24 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

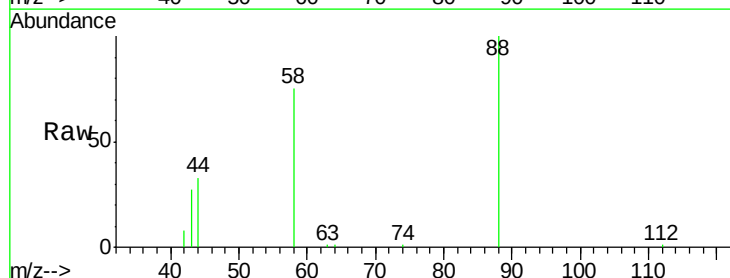
Tgt Ion: 88 Resp: 6664

Ion Ratio Lower Upper

88 100

58 83.8 70.0 105.0

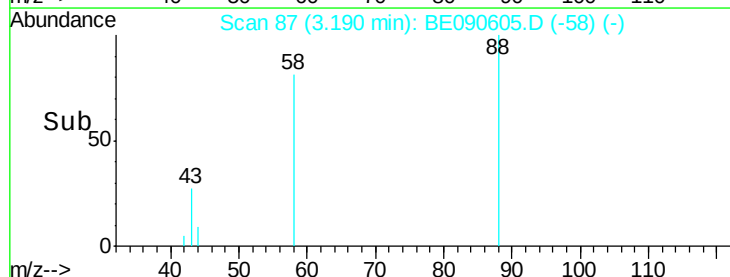
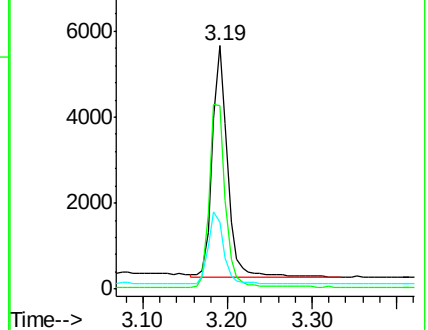
43 31.0 28.4 42.6

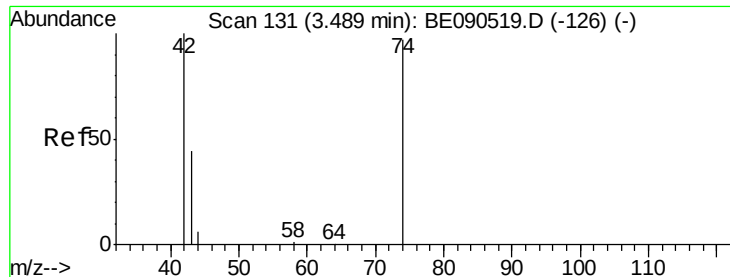


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.35 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

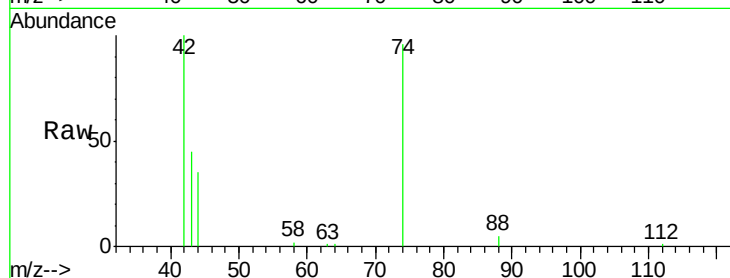
Tgt Ion: 42 Resp: 8005

Ion Ratio Lower Upper

42 100

74 113.4 75.2 112.8#

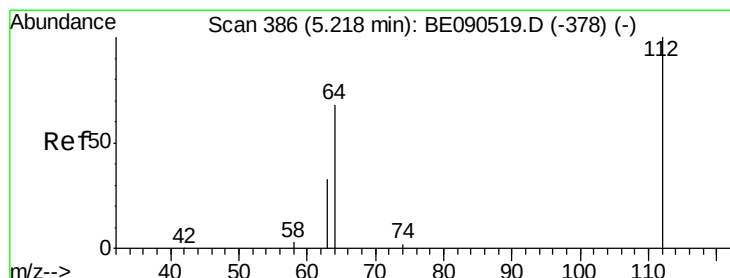
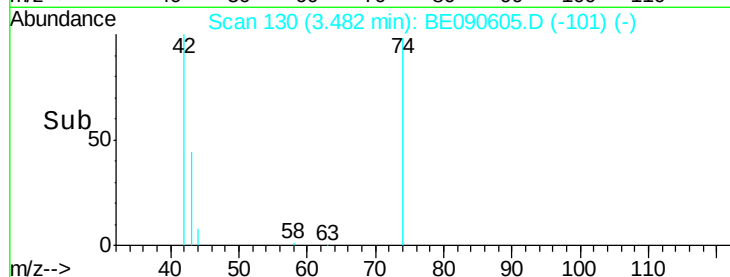
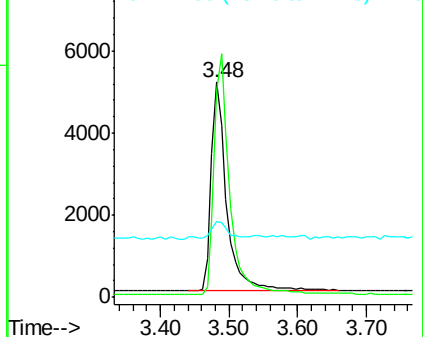
44 8.1 8.7 13.1#



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: 5.82 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

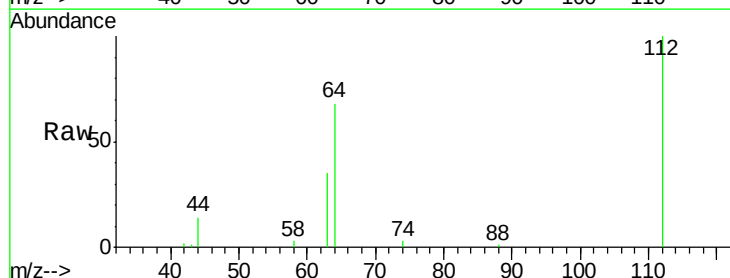
Tgt Ion: 112 Resp: 23306

Ion Ratio Lower Upper

112 100

64 69.5 37.1 55.7#

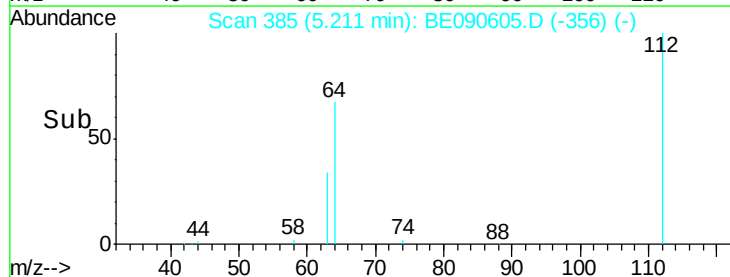
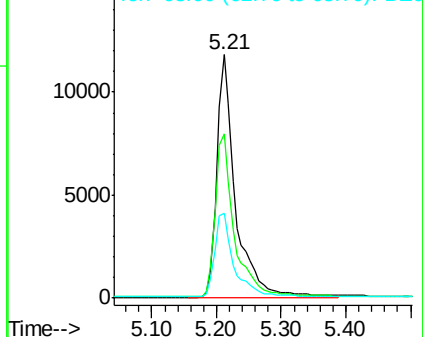
63 36.1 19.5 29.3#

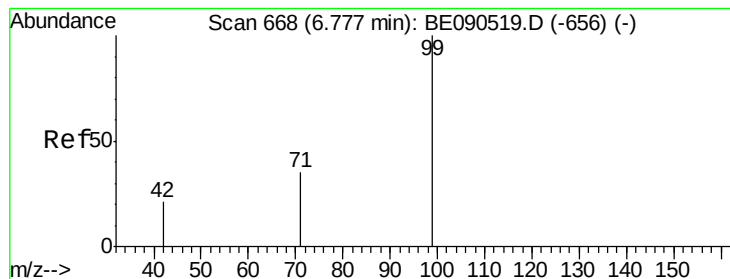


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.57 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

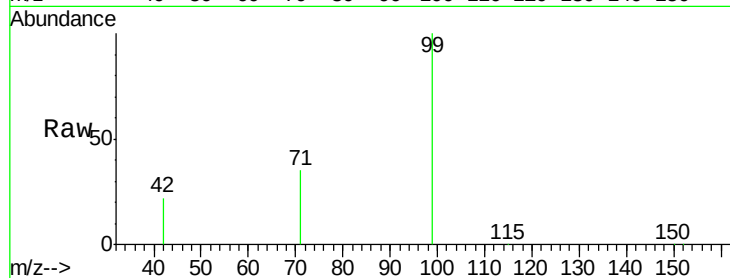
Tgt Ion: 99 Resp: 32763

Ion Ratio Lower Upper

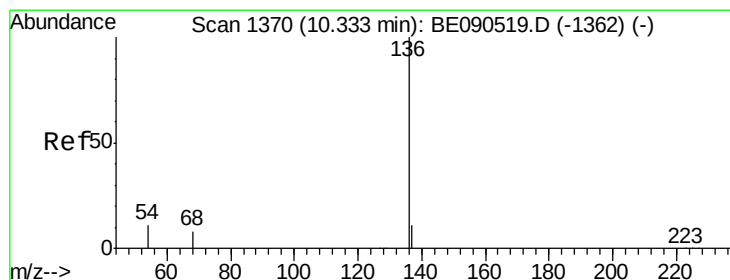
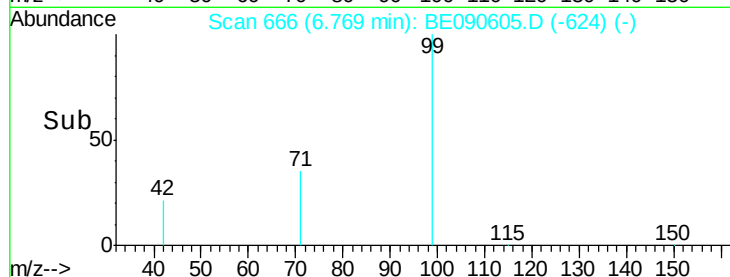
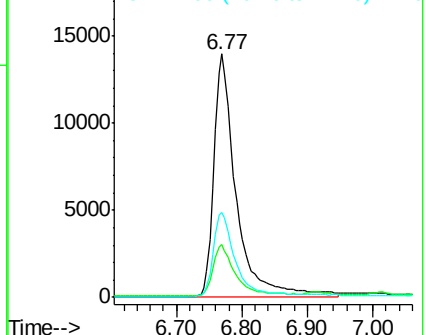
99 100

42 21.1 18.2 27.4

71 35.2 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: BE090605.D

Acq: 24 Aug 2015 17:35

Tgt Ion: 136 Resp: 64555

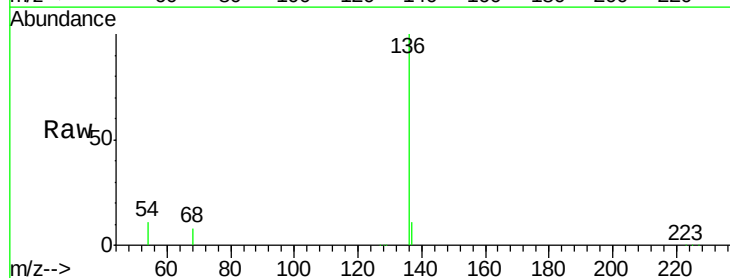
Ion Ratio Lower Upper

136 100

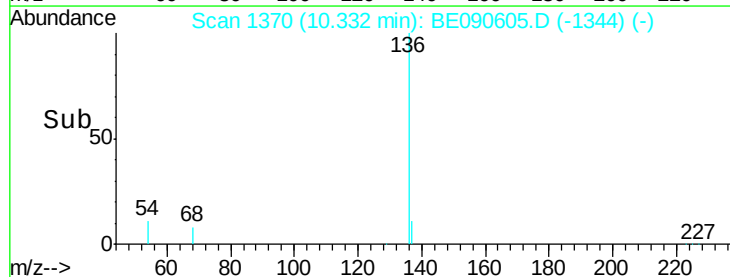
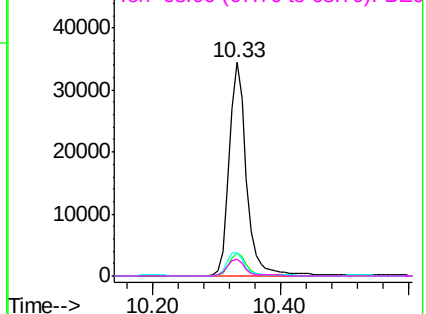
137 11.0 8.7 13.1

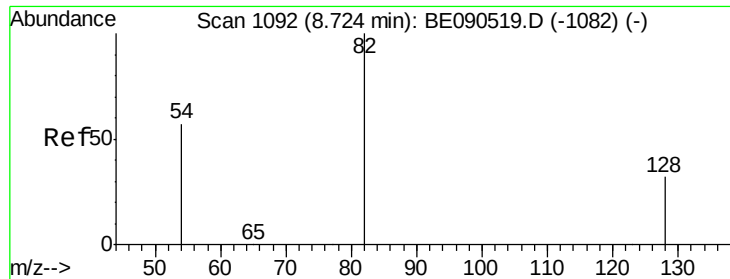
54 10.9 9.4 14.0

68 8.1 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: 3.35 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

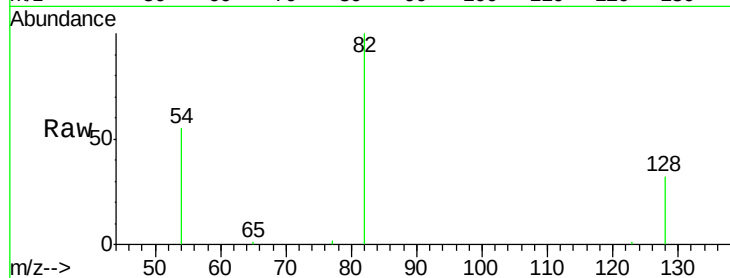
Tgt Ion: 82 Resp: 17247

Ion Ratio Lower Upper

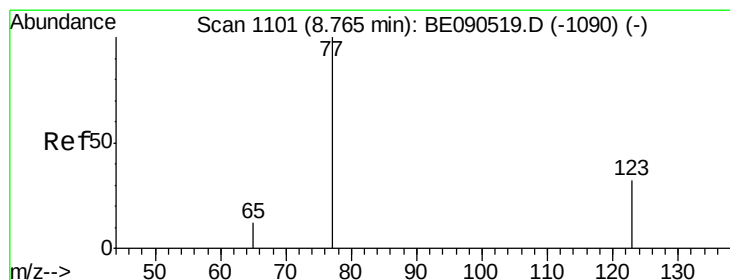
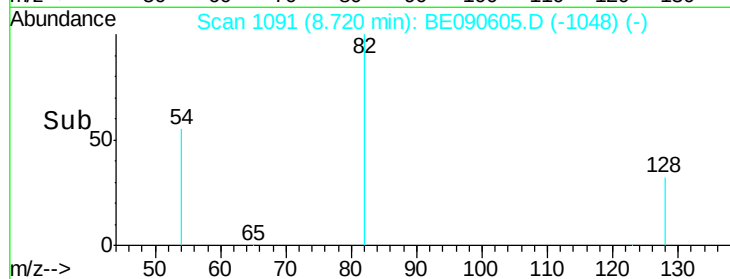
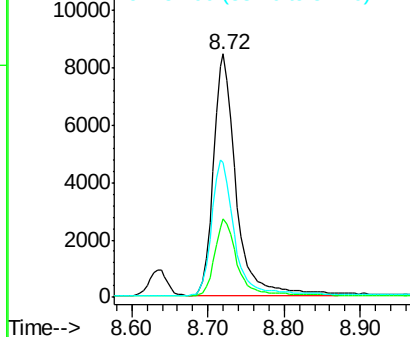
82 100

128 32.4 25.0 37.6

54 55.3 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.25 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

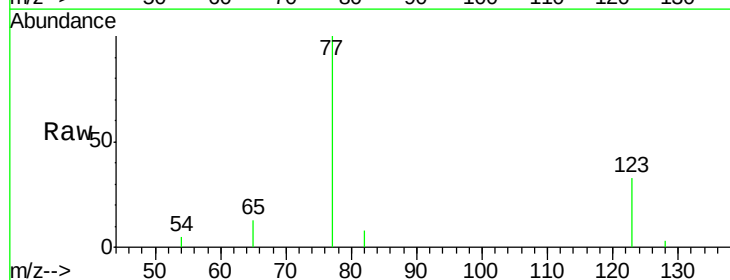
Tgt Ion: 77 Resp: 17305

Ion Ratio Lower Upper

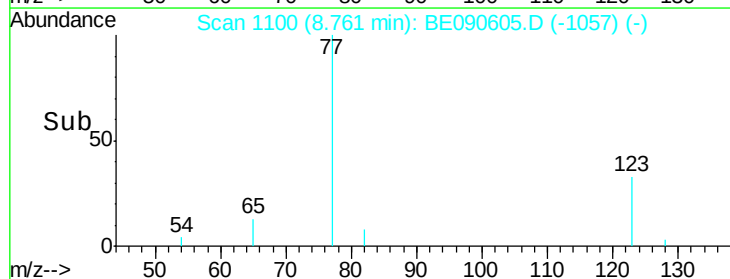
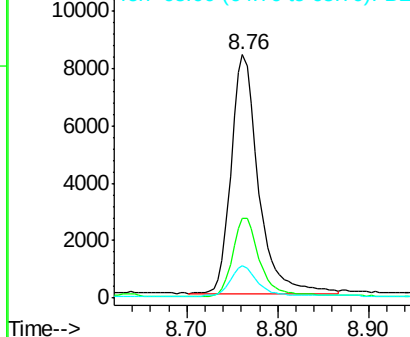
77 100

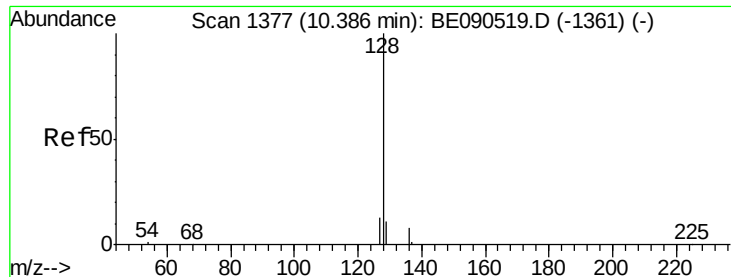
123 34.2 25.1 37.7

65 12.8 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.18 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

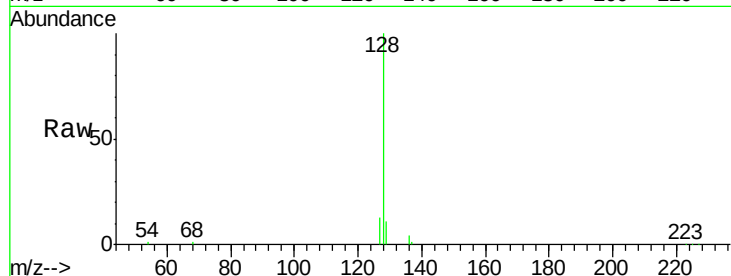
BNA_E

ClientSampleId :

IDOC-W-02

Tgt Ion:128 Resp: 46657

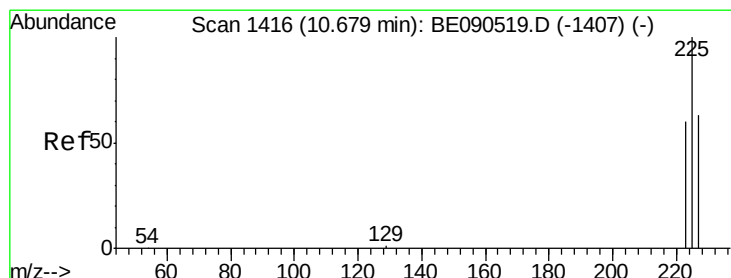
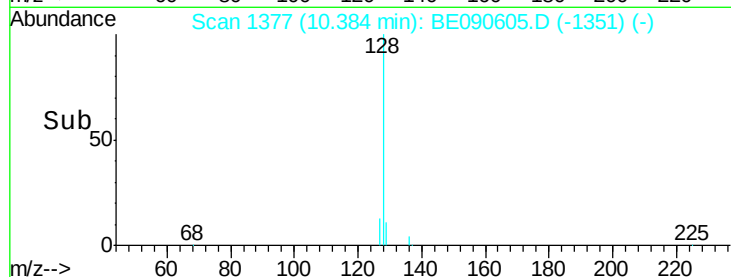
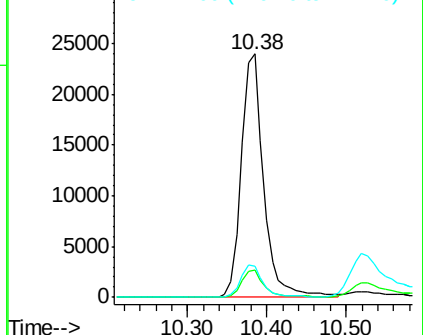
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	12.9	10.6	16.0



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: 3.27 ng

RT: 10.67 min Scan# 1415

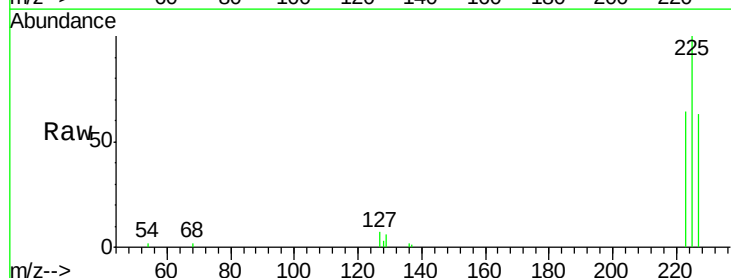
Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Tgt Ion:225 Resp: 7047

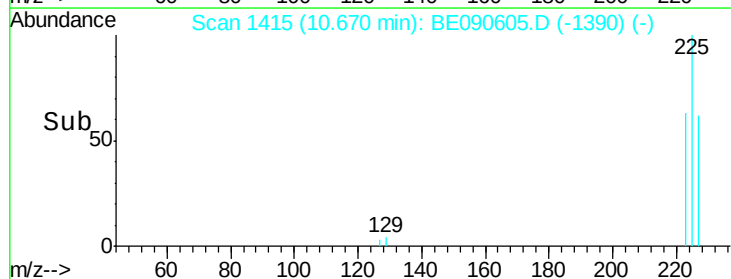
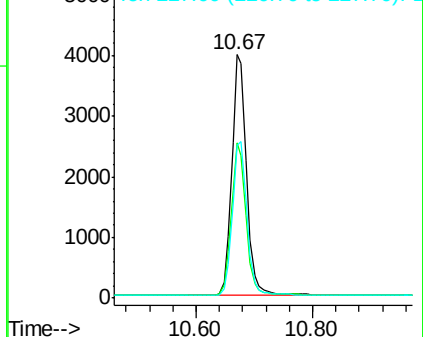
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	64.2	50.7	76.1

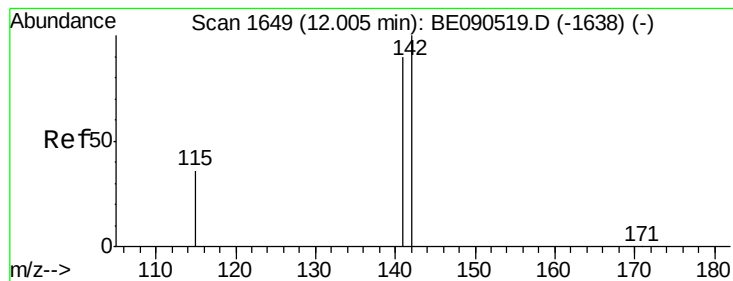


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.36 ng

RT: 12.00 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

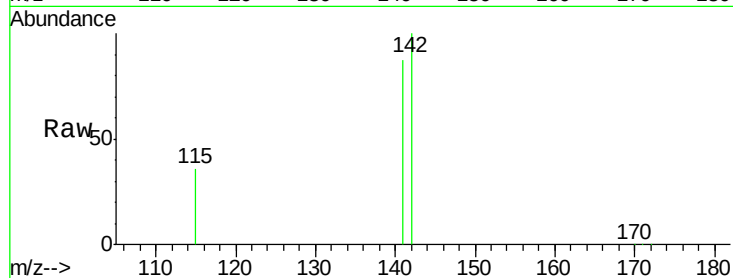
Tgt Ion:142 Resp: 32079

Ion Ratio Lower Upper

142 100

141 86.9 72.6 109.0

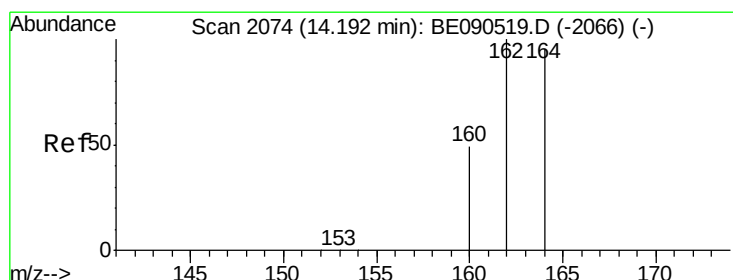
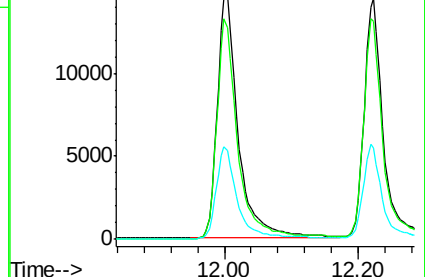
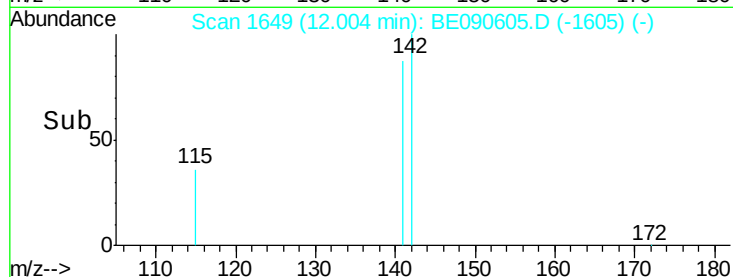
115 36.2 31.6 47.4



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: BE090605.D

Acq: 24 Aug 2015 17:35

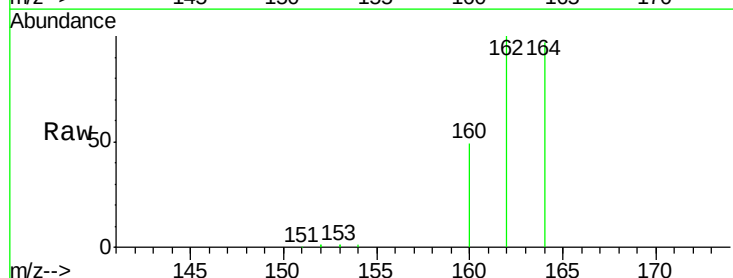
Tgt Ion:164 Resp: 37495

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.8

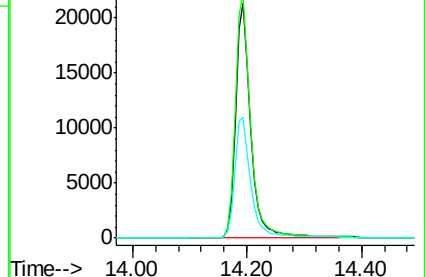
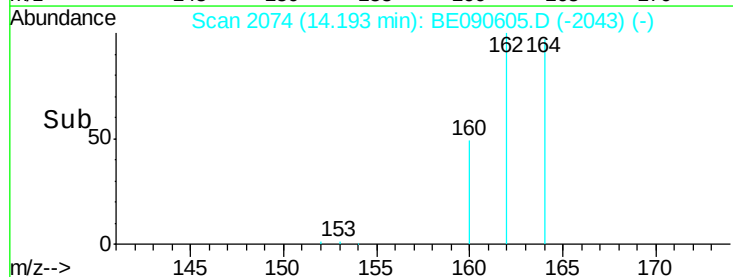
160 51.1 44.2 66.4

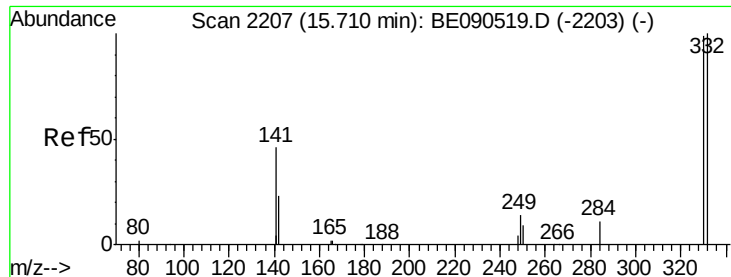


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

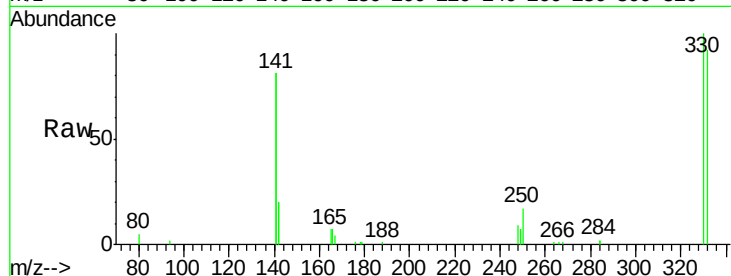




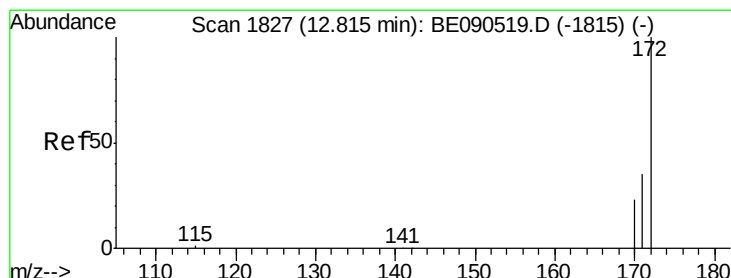
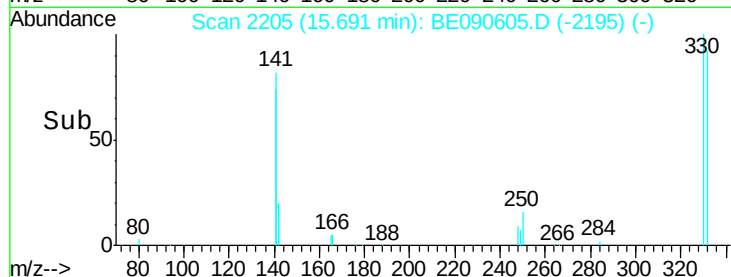
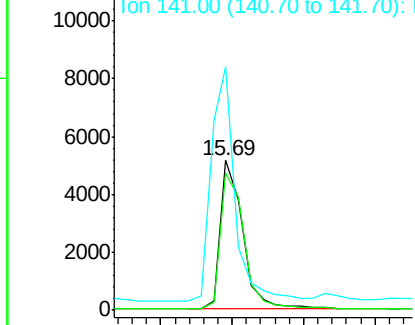
#13
 2,4,6-Tribromophenol
 Concen: 7.83 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090605.D
 Acq: 24 Aug 2015 17:35

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-02

Tgt Ion:330 Resp: 11292
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.8 113.6
 141 165.0 114.4 171.6

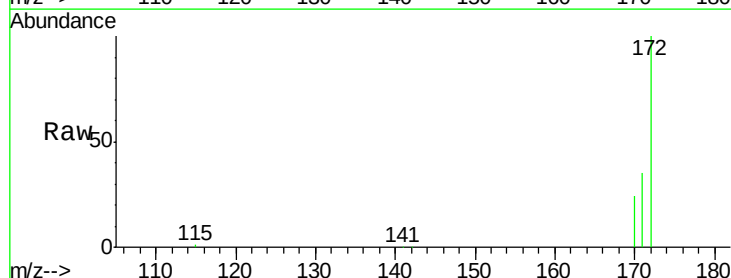


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

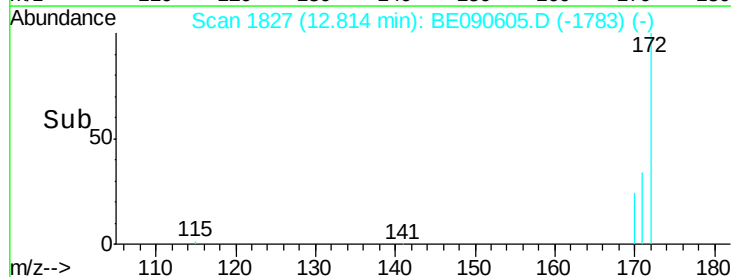
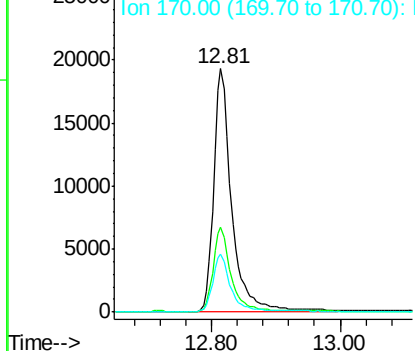


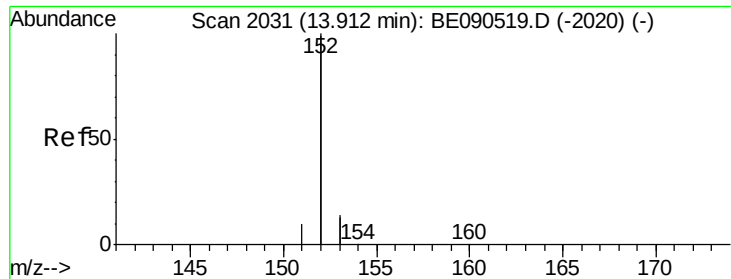
#14
 2-Fluorobiphenyl
 Concen: 3.36 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090605.D
 Acq: 24 Aug 2015 17:35

Tgt Ion:172 Resp: 37615
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 24.0 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: 3.25 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

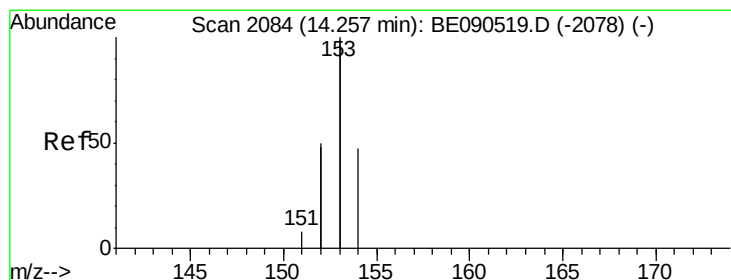
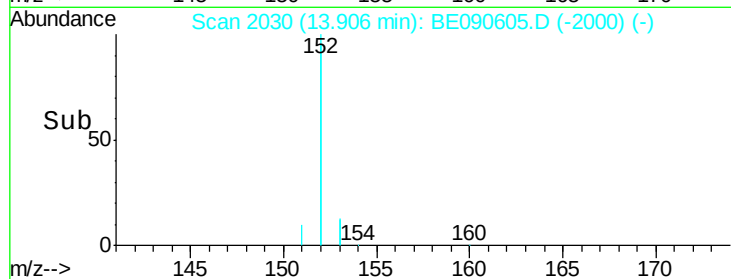
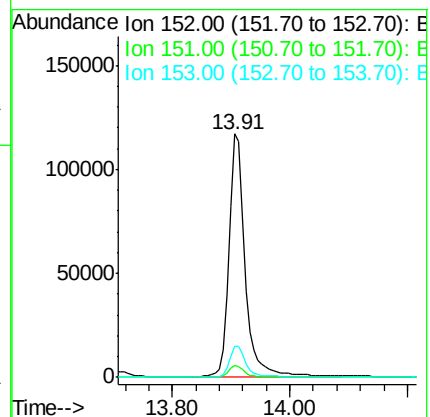
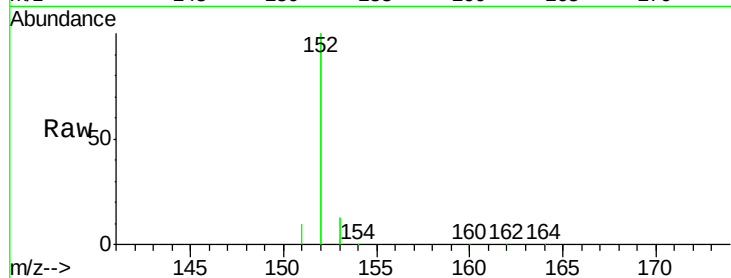
Tgt Ion:152 Resp: 222289

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 12.9 10.3 15.5



#16

Acenaphthene

Concen: 3.22 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

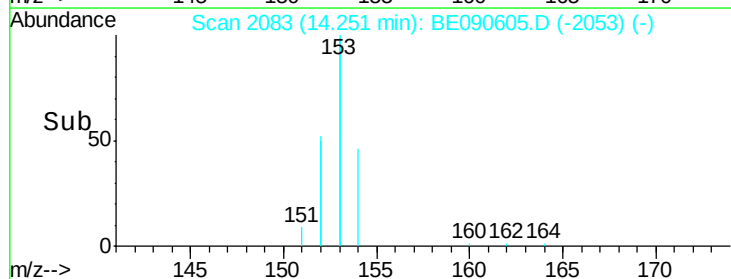
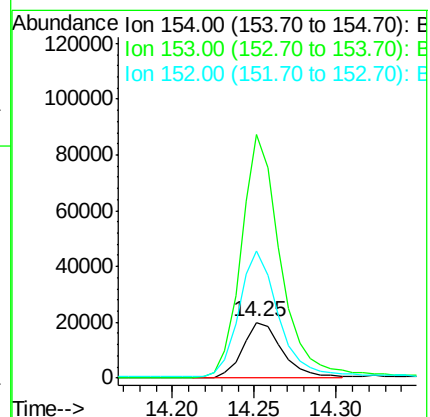
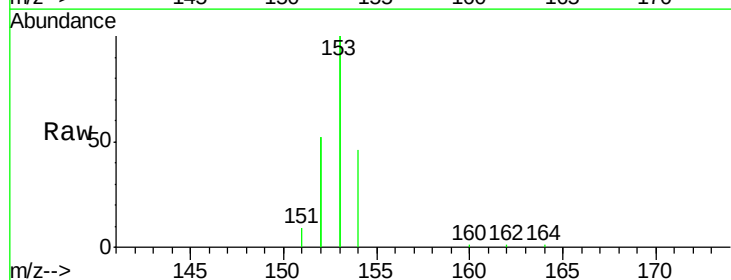
Tgt Ion:154 Resp: 33144

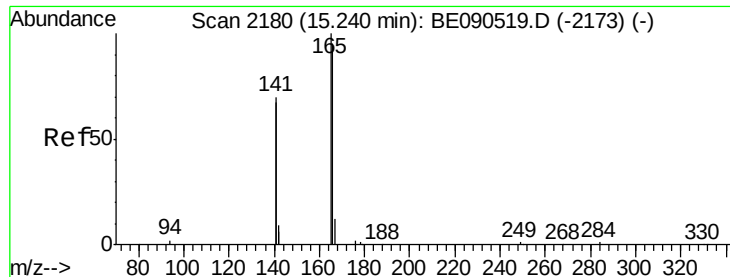
Ion Ratio Lower Upper

154 100

153 448.1 376.2 564.2

152 235.5 235.0 352.4





#17

Fluorene

Concen: 3.56 ng

RT: 15.24 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

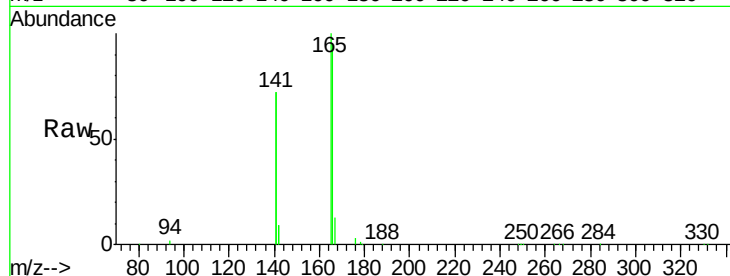
Tgt Ion:166 Resp: 44909

Ion Ratio Lower Upper

166 100

165 100.0 81.5 122.3

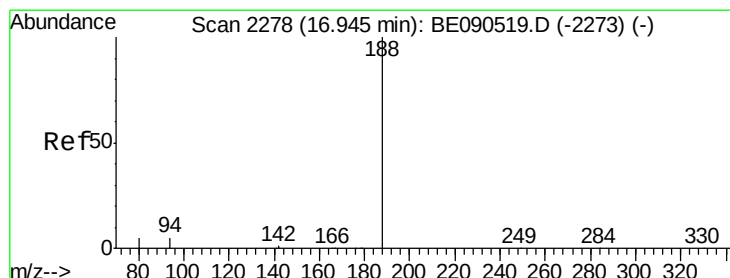
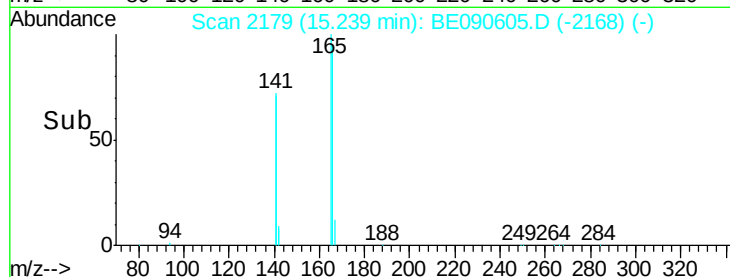
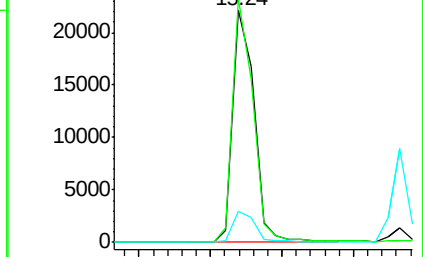
167 13.7 11.4 17.0



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: BE090605.D

Acq: 24 Aug 2015 17:35

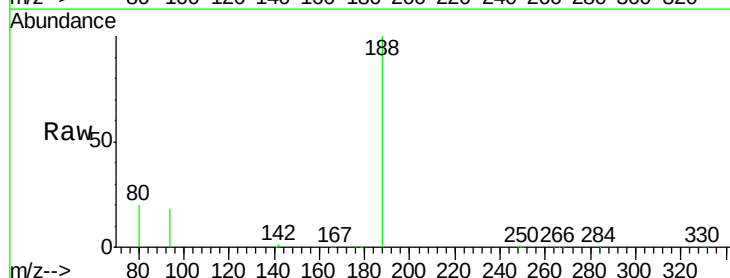
Tgt Ion:188 Resp: 92150

Ion Ratio Lower Upper

188 100

94 18.2 5.7 8.5#

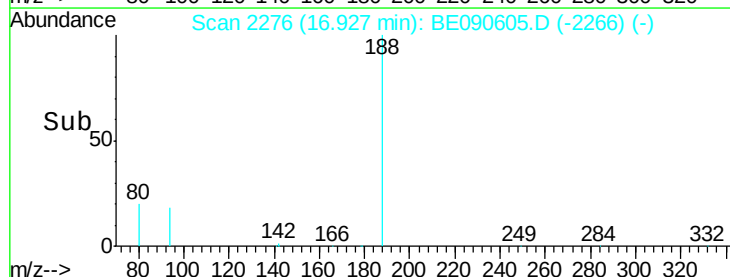
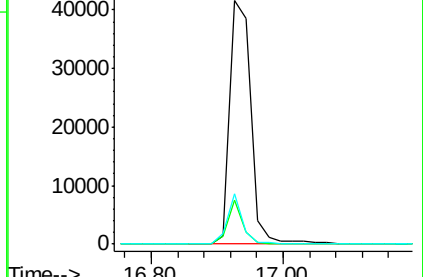
80 20.5 5.8 8.8#

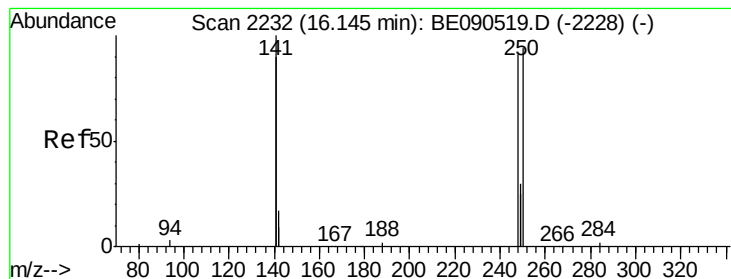


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 3.34 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

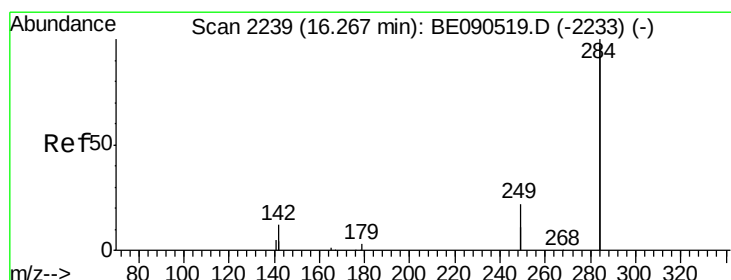
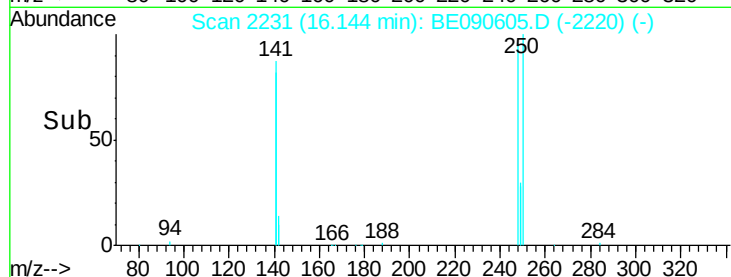
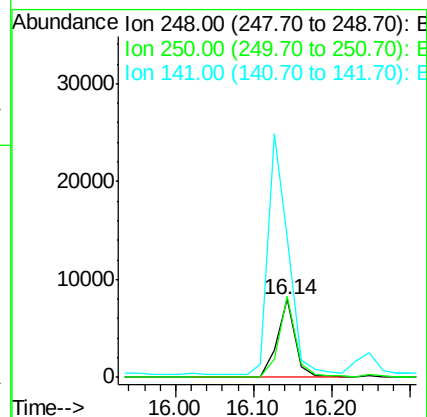
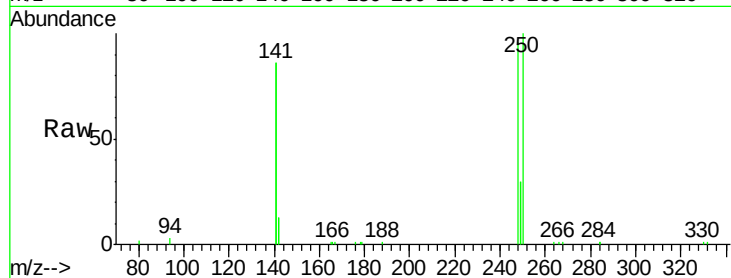
Tgt Ion:248 Resp: 12576

Ion Ratio Lower Upper

248 100

250 98.0 79.0 118.6

141 345.3 239.5 359.3



#20

Hexachlorobenzene

Concen: 3.39 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

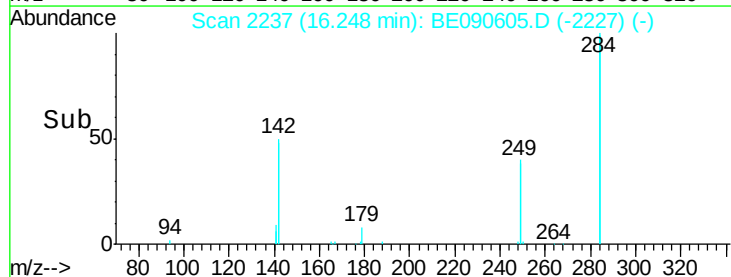
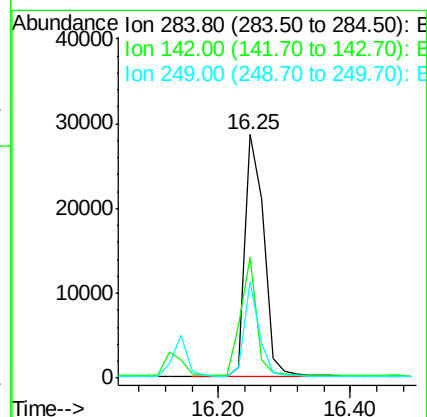
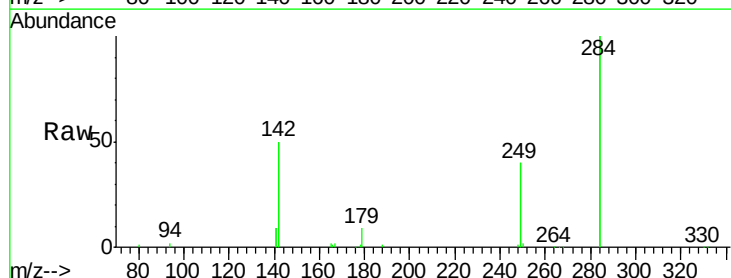
Tgt Ion:284 Resp: 56627

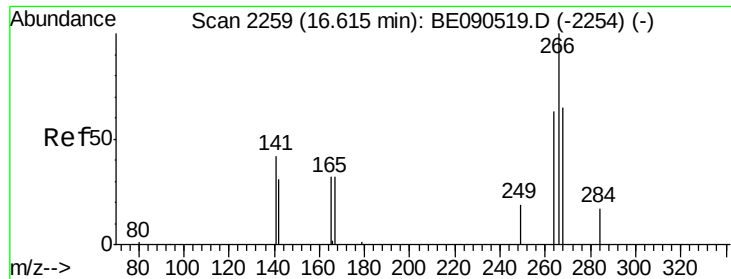
Ion Ratio Lower Upper

284 100

142 41.5 30.1 45.1

249 31.2 25.7 38.5





#21

Pentachlorophenol

Concen: 5.54 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

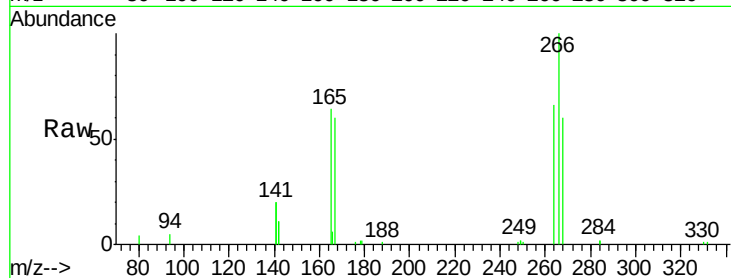
Tgt Ion:266 Resp: 11139

Ion Ratio Lower Upper

266 100

268 59.9 58.5 87.7

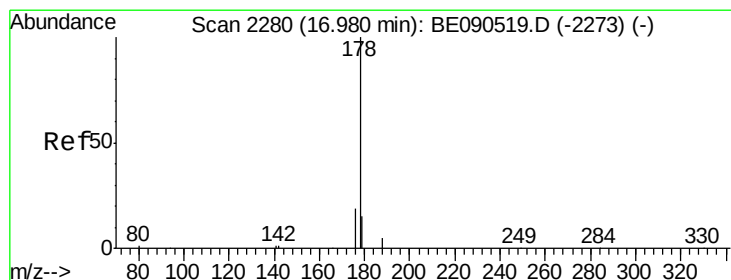
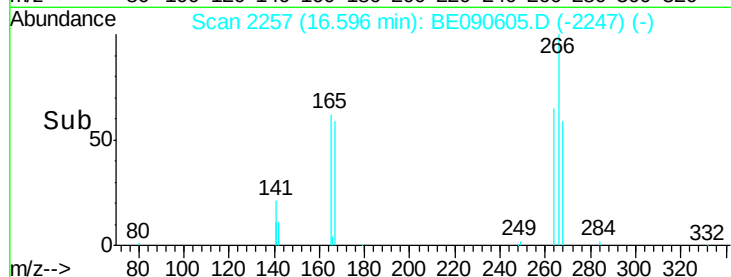
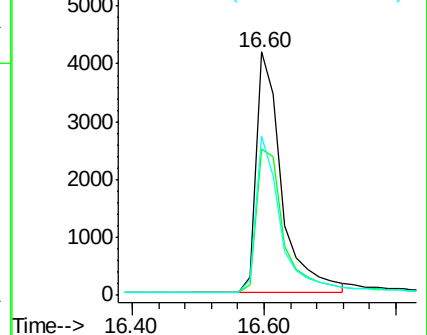
264 65.6 56.0 84.0



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: 3.37 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

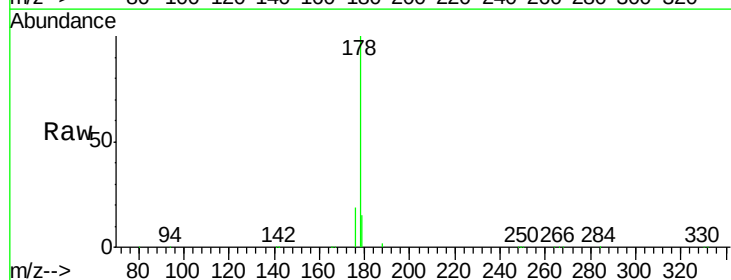
Tgt Ion:178 Resp: 81408

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

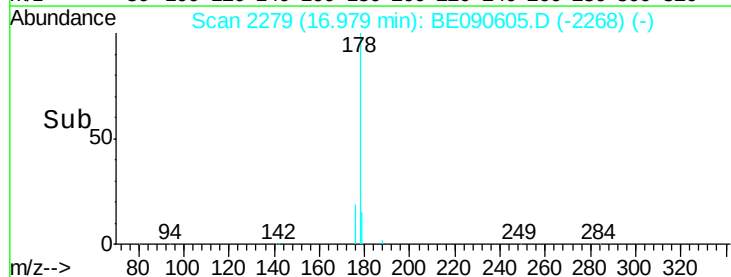
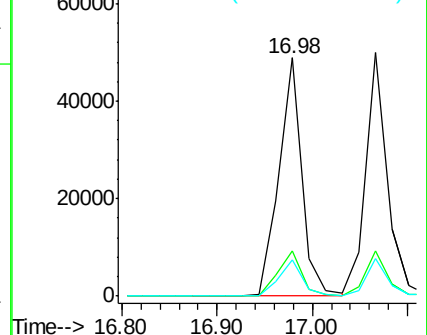
179 15.2 12.5 18.7

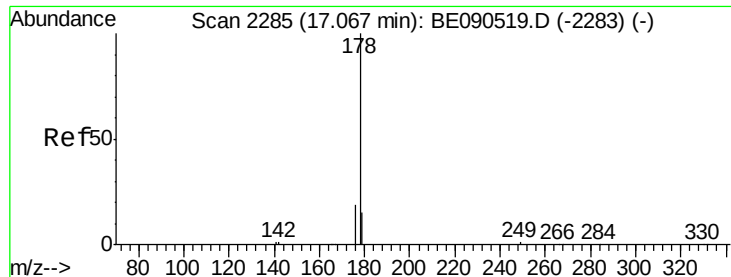


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.51 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

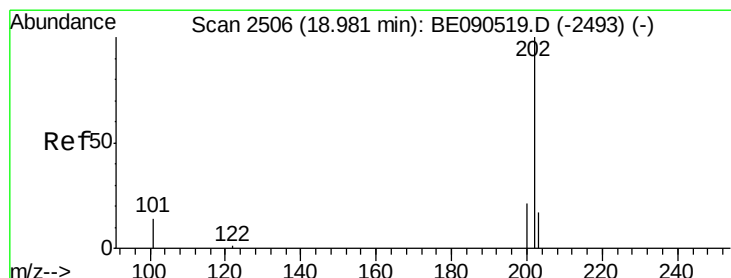
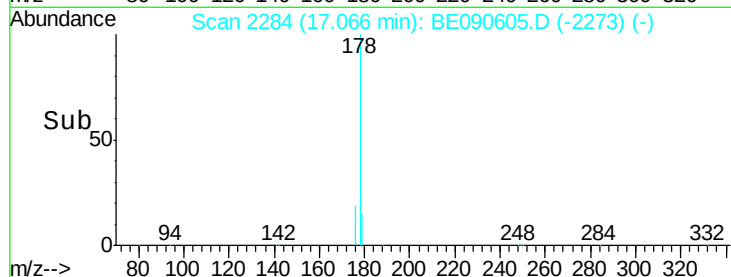
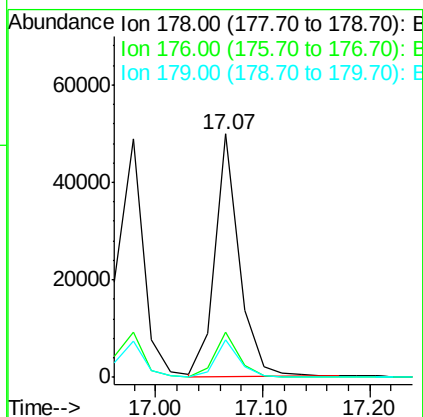
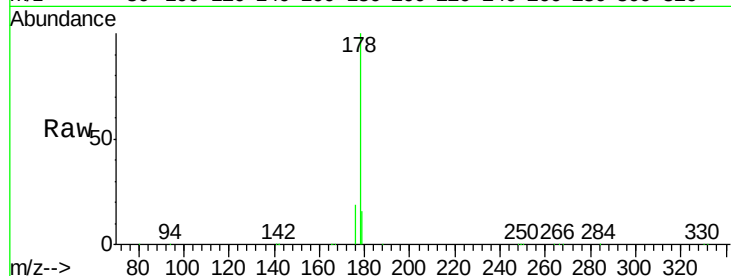
Tgt Ion:178 Resp: 78160

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 3.70 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

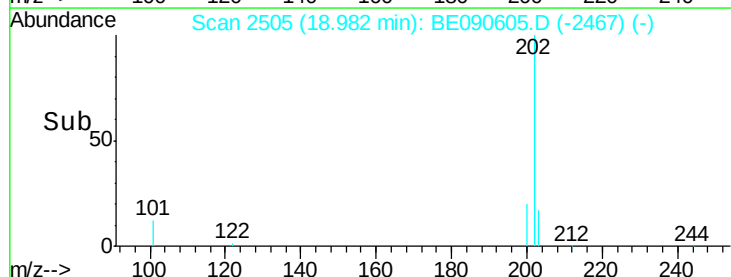
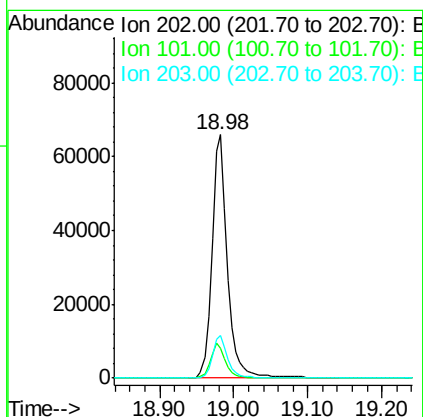
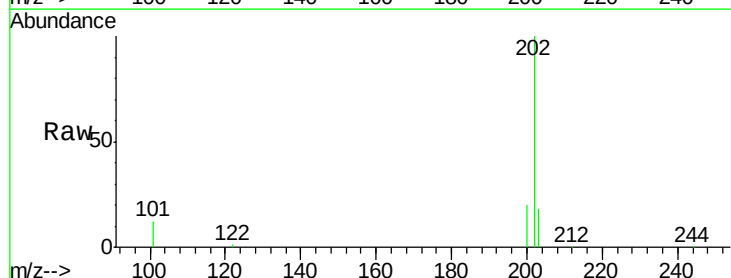
Tgt Ion:202 Resp: 95133

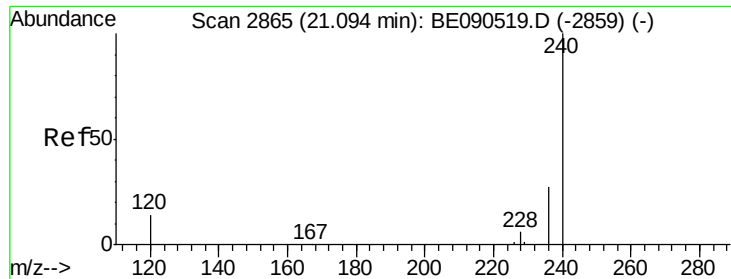
Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.3 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: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

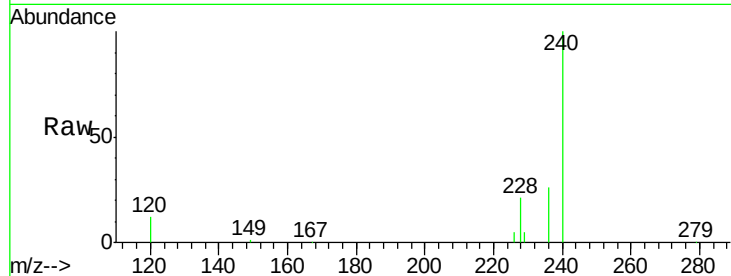
Tgt Ion:240 Resp: 110894

Ion Ratio Lower Upper

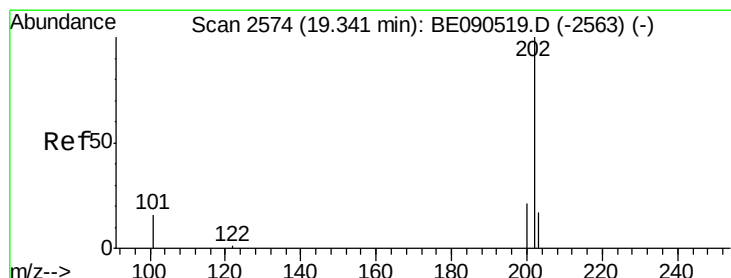
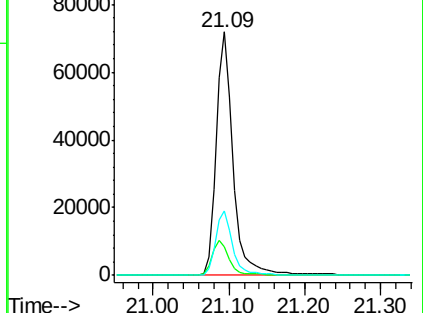
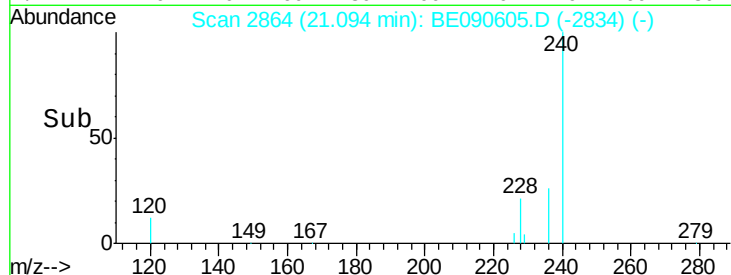
240 100

120 12.0 8.3 12.5

236 26.5 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: 3.23 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

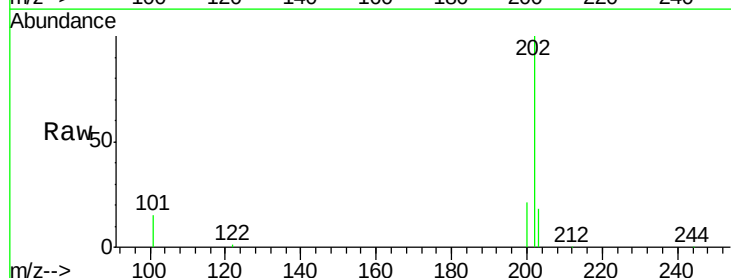
Tgt Ion:202 Resp: 102626

Ion Ratio Lower Upper

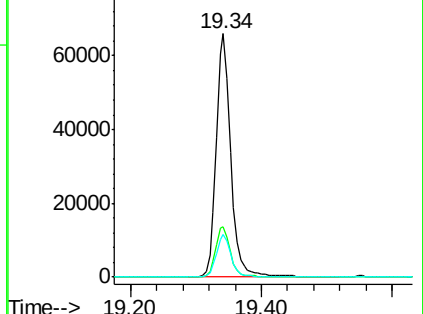
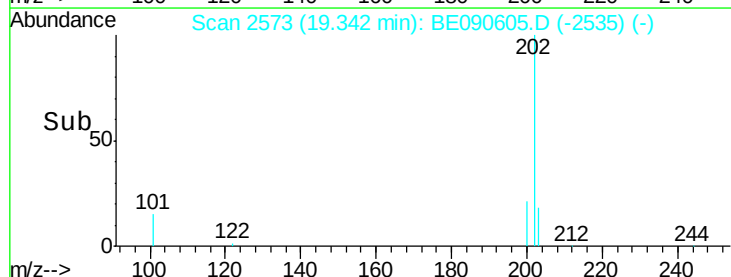
202 100

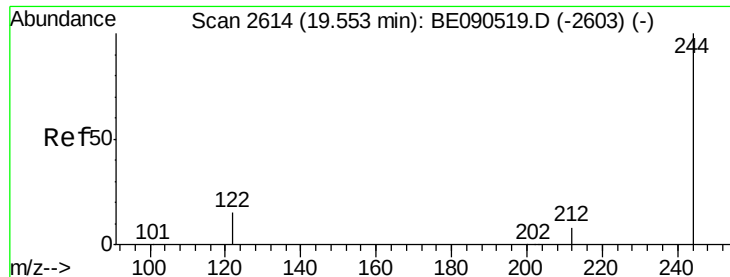
200 21.2 16.7 25.1

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

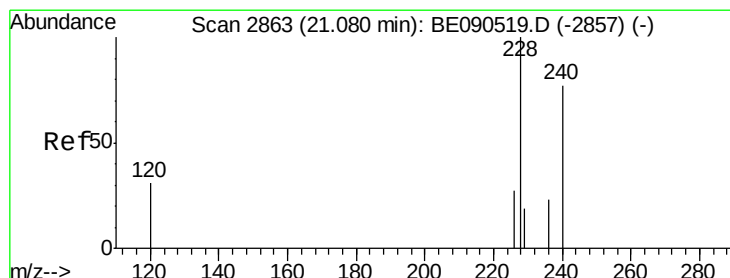
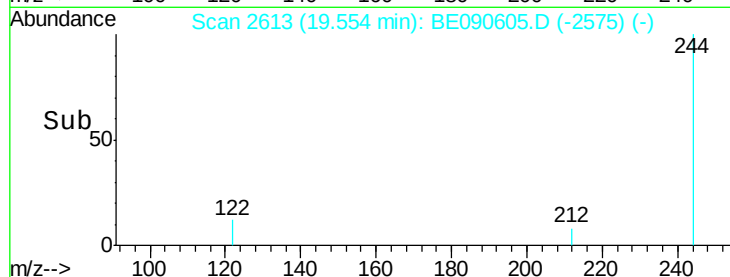
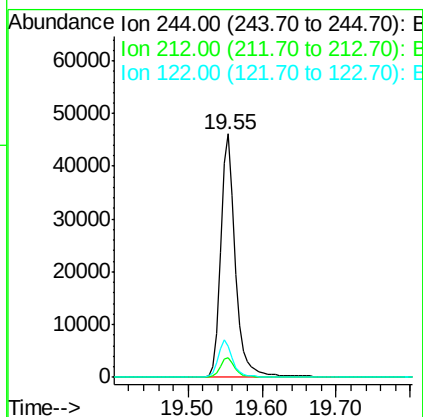
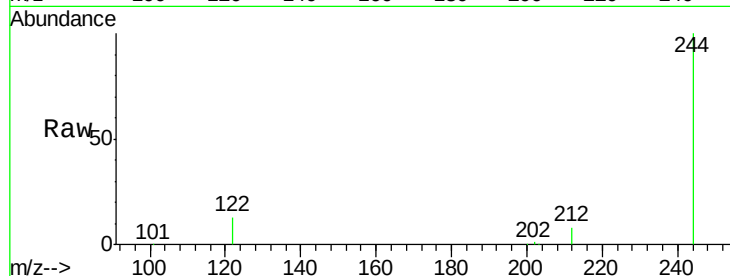




#27
 Terphenyl-d14
 Concen: 3.18 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BE090605.D
 Acq: 24 Aug 2015 17:35

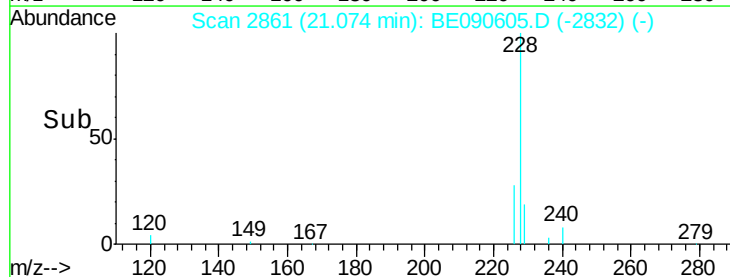
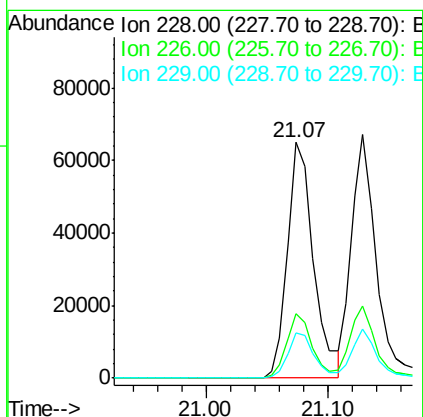
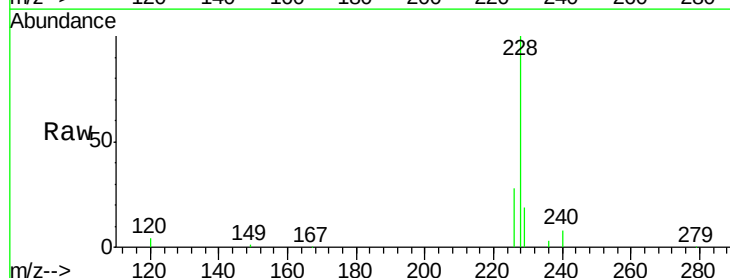
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-02

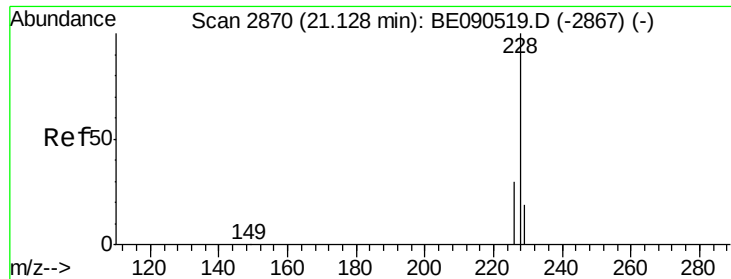
Tgt Ion:244 Resp: 64456
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 3.30 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE090605.D
 Acq: 24 Aug 2015 17:35

Tgt Ion:228 Resp: 96374
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.9 32.9
 229 19.3 15.4 23.0





#29

Chrysene

Concen: 3.25 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

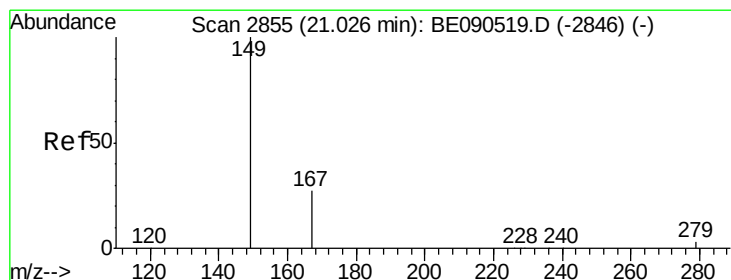
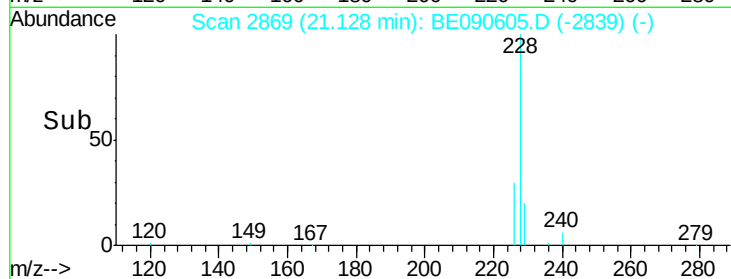
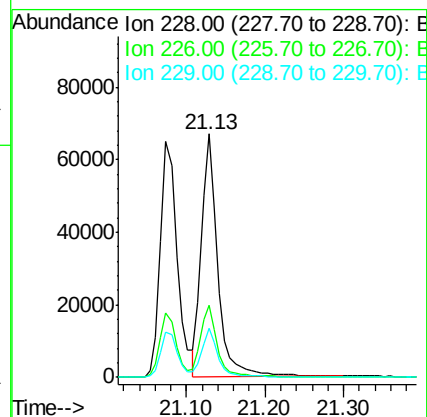
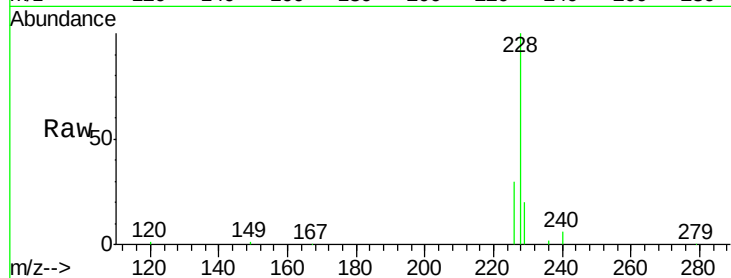
Tgt Ion:228 Resp: 96995

Ion Ratio Lower Upper

228 100

226 29.7 23.1 34.7

229 19.9 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 2.53 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

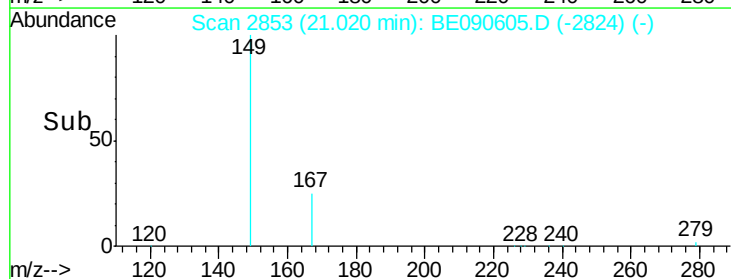
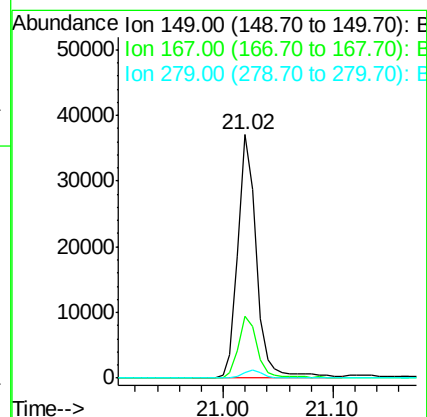
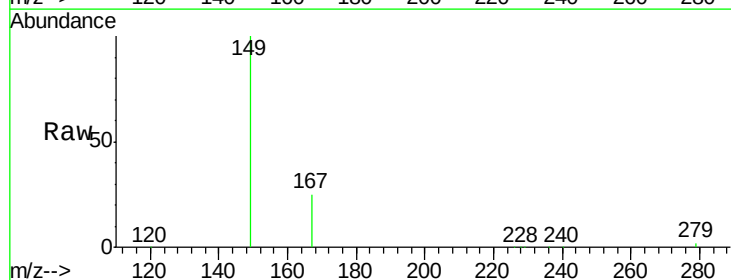
Tgt Ion:149 Resp: 42762

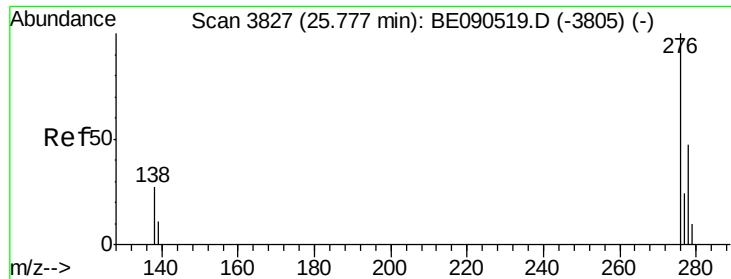
Ion Ratio Lower Upper

149 100

167 25.9 19.8 29.8

279 3.0 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 3.09 ng

RT: 25.79 min Scan# 3828

Delta R.T. 0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

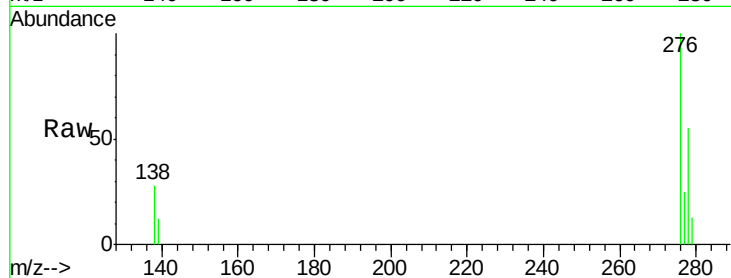
Tgt Ion:276 Resp: 86750

Ion Ratio Lower Upper

276 100

138 28.9 18.8 28.2#

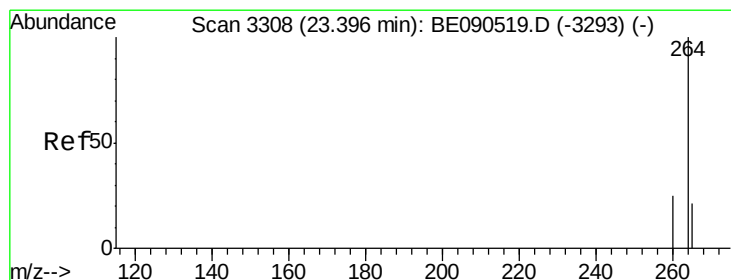
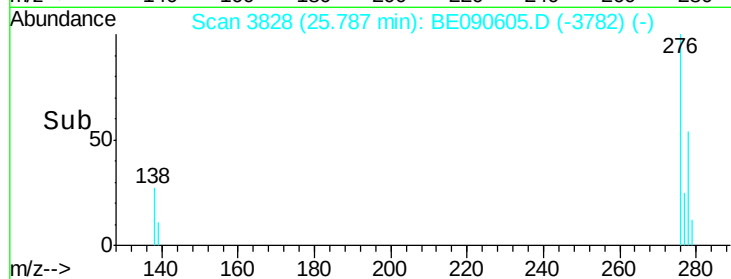
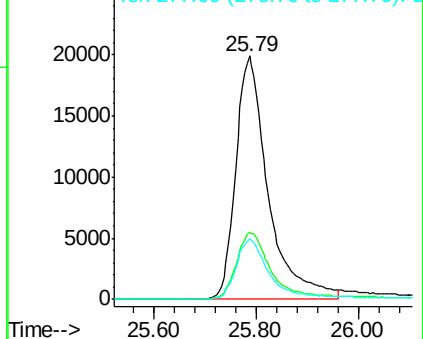
277 24.9 18.2 27.4



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# 3307

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

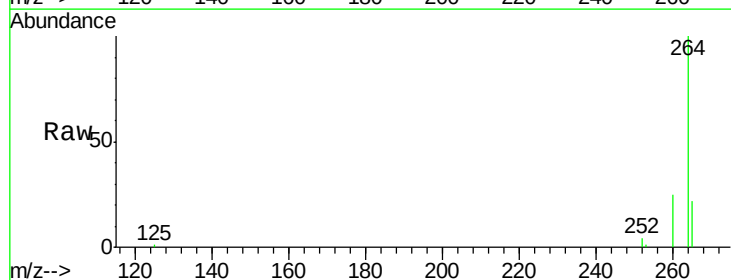
Tgt Ion:264 Resp: 93604

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

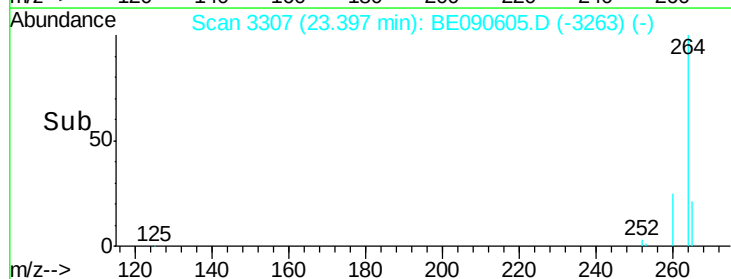
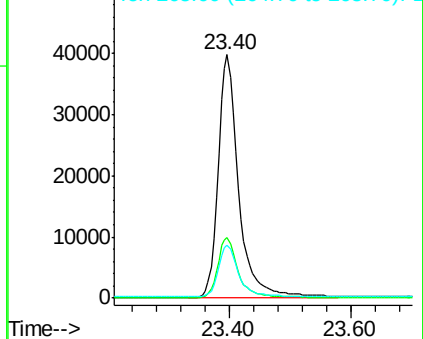
265 21.7 17.2 25.8

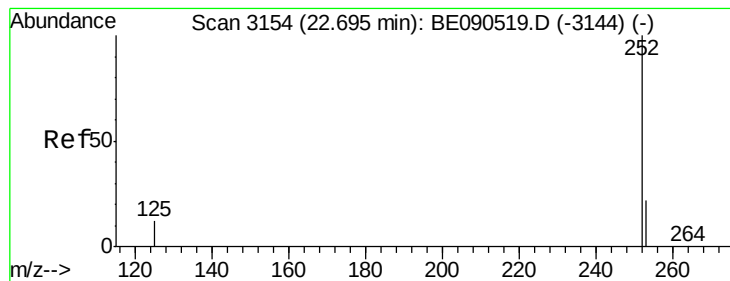


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.70 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

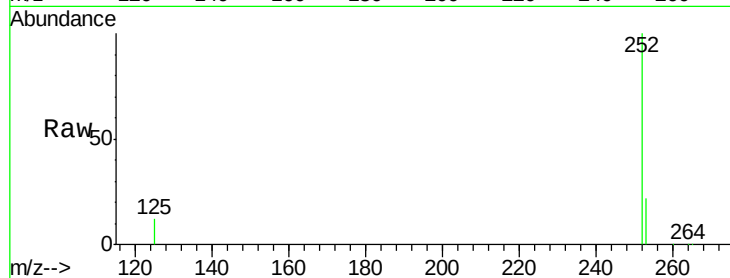
Tgt Ion:252 Resp: 81961

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

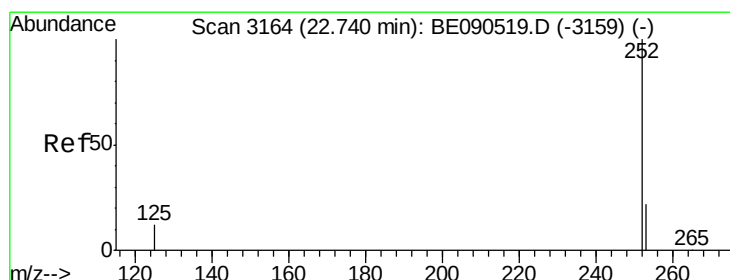
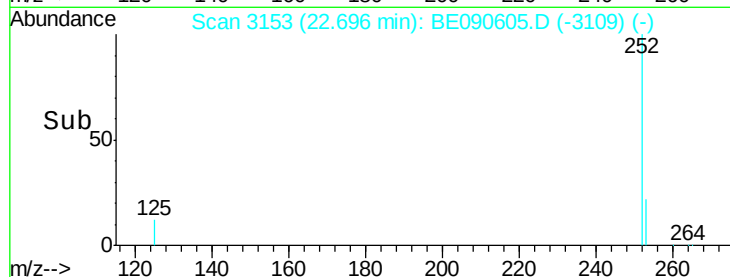
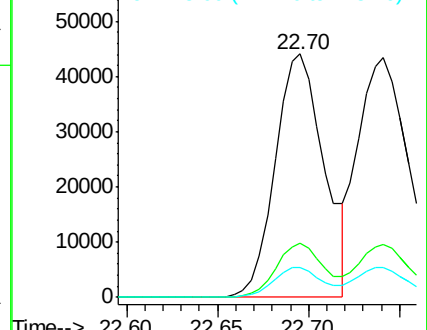
125 12.3 9.4 14.2



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: 3.74 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

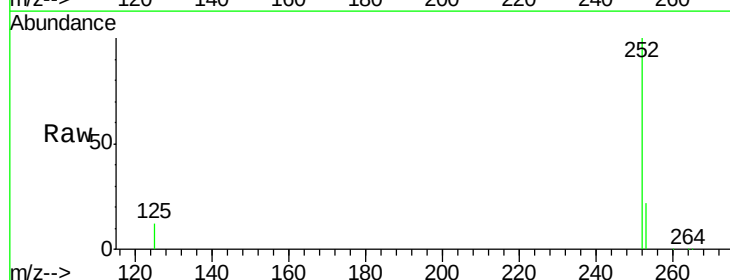
Tgt Ion:252 Resp: 93867

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

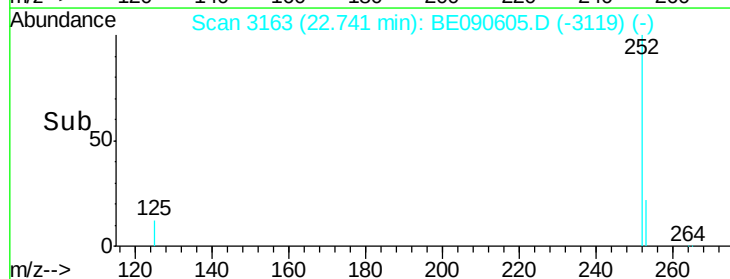
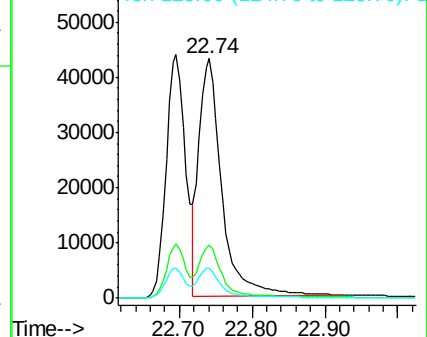
125 12.2 9.1 13.7

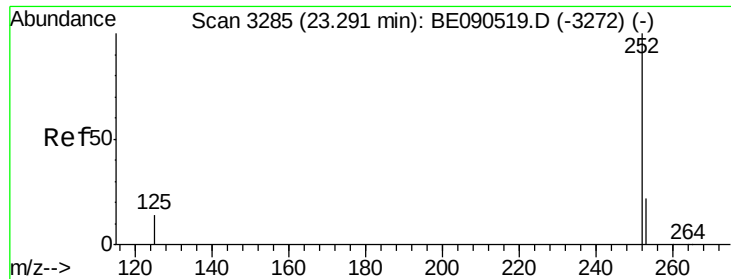


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.90 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02

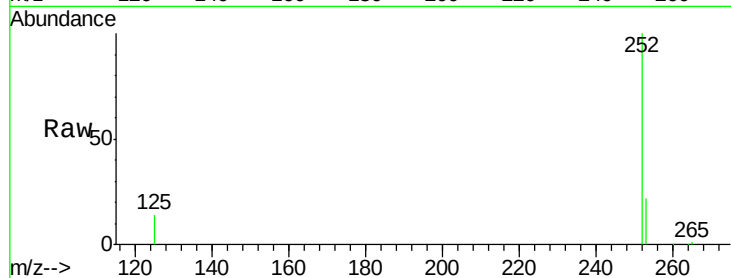
Tgt Ion:252 Resp: 80966

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

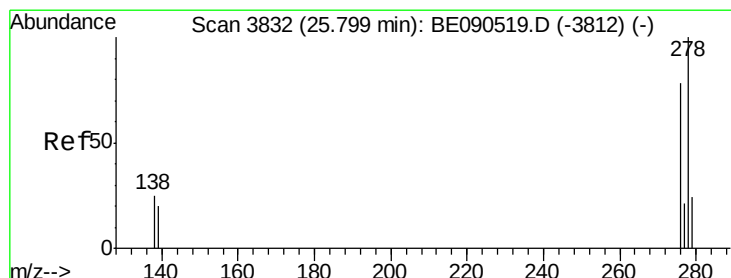
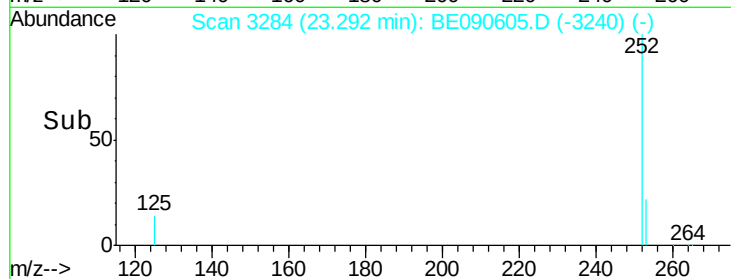
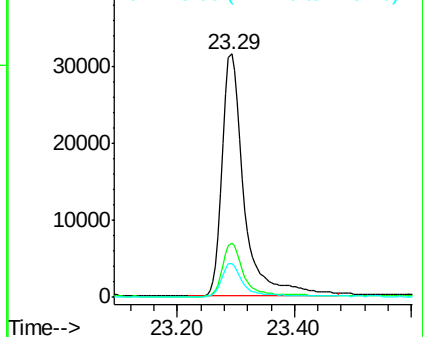
125 13.8 9.8 14.6



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: 3.42 ng

RT: 25.81 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE090605.D

Acq: 24 Aug 2015 17:35

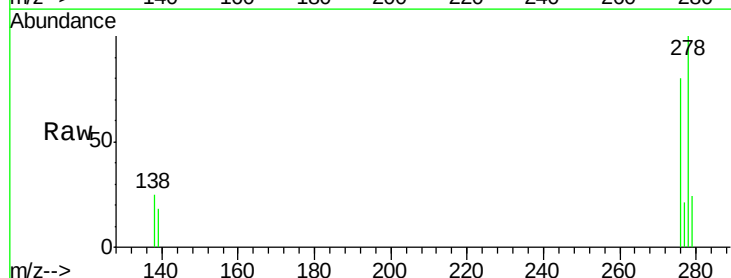
Tgt Ion:278 Resp: 68516

Ion Ratio Lower Upper

278 100

139 18.4 14.2 21.4

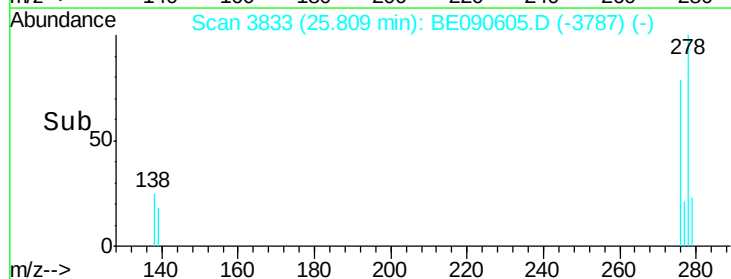
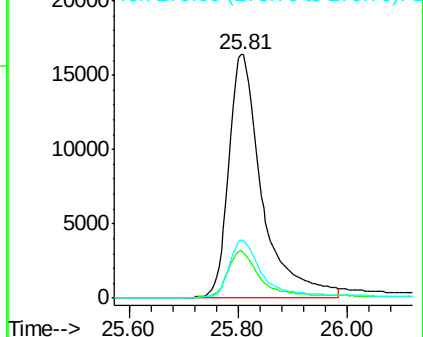
279 23.7 20.1 30.1

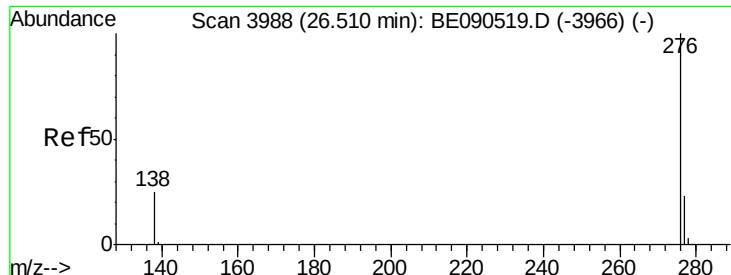


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 3.53 ng

RT: 26.52 min Scan# 3988

Delta R.T. 0.01 min

Lab File: BE090605.D

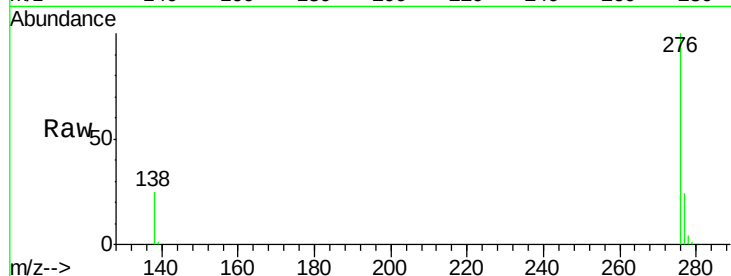
Acq: 24 Aug 2015 17:35

Instrument :

BNA_E

ClientSampleId :

IDOC-W-02



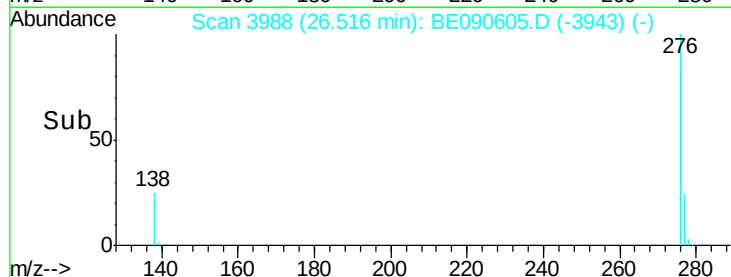
Tgt Ion: 276 Resp: 77333

Ion Ratio Lower Upper

276 100

277 24.1 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

