

Data Path : Z:\HPCHEM1\BNA_E\Data\BE090415\
 Data File : BE090725.D
 Acq On : 4 Sep 2015 12:12
 Operator : UM/IZ
 Sample : G3521-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MS

Quant Time: Sep 04 13:20:46 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

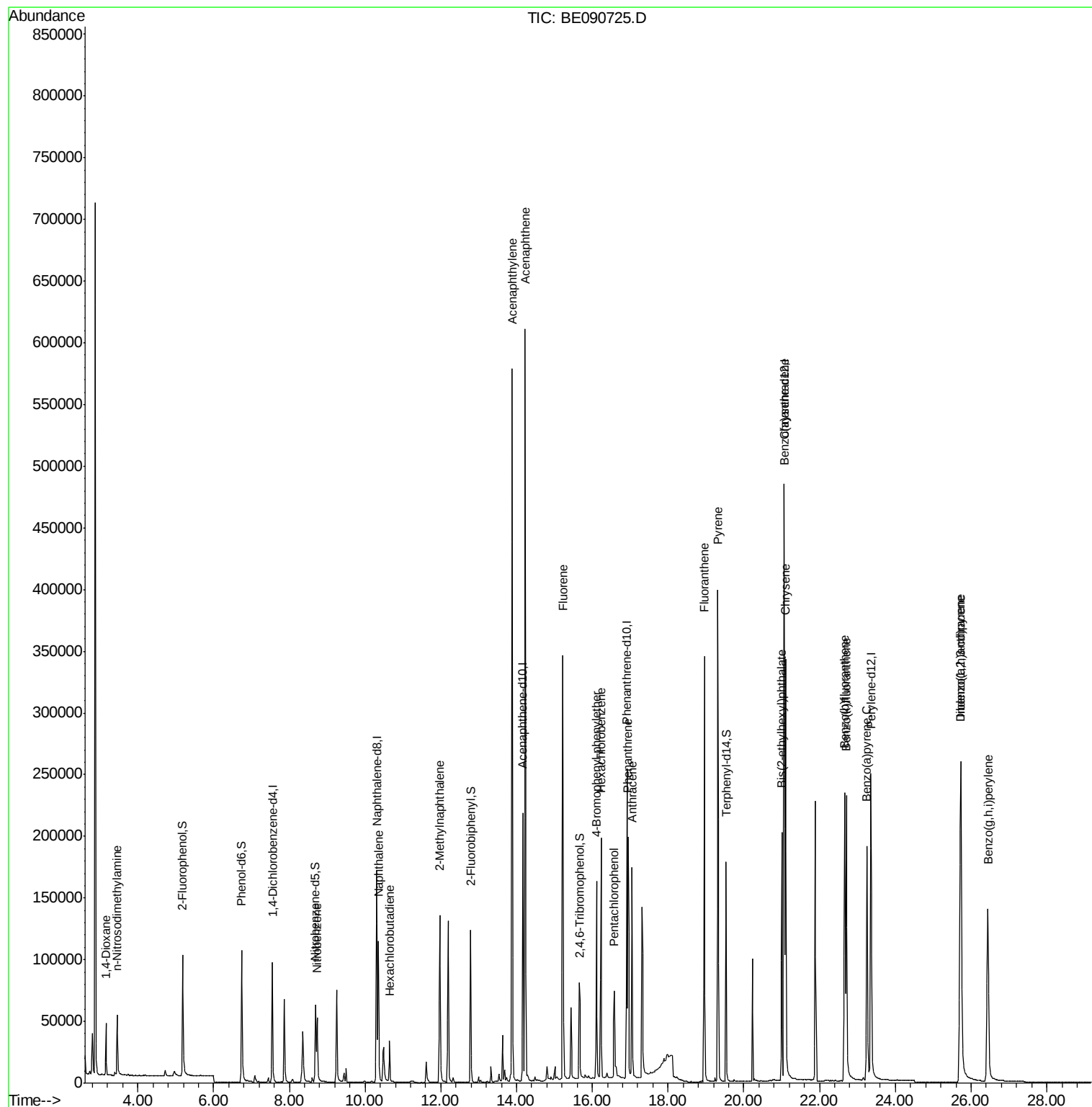
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	48937	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	228962	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	124339	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	295442	5.00	ng	0.00
25) Chrysene-d12	21.07	240	373414	5.00	ng	0.00
32) Perylene-d12	23.36	264	353191	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	86050	9.02	ng	0.00
5) Phenol-d6	6.74	99	133052	9.76	ng	-0.01
7) Nitrobenzene-d5	8.69	82	63190	4.18	ng	-0.02
13) 2,4,6-Tribromophenol	15.67	330	37028	10.10	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	119087	3.46	ng	0.00
27) Terphenyl-d14	19.53	244	192166	4.65	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	22325	3.46	ng	98
3) n-Nitrosodimethylamine	3.45	42	29394	3.37	ng	85
8) Nitrobenzene	8.73	77	64701	3.51	ng	97
9) Naphthalene	10.35	128	165982	3.32	ng	99
10) Hexachlorobutadiene	10.65	225	24068	3.08	ng	99
11) 2-Methylnaphthalene	11.97	142	108035	4.00	ng	98
15) Acenaphthylene	13.88	152	746932	3.76	ng	100
16) Acenaphthene	14.23	154	111505	3.36	ng	89
17) Fluorene	15.22	166	143723	3.47	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	36233	3.60	ng	95
20) Hexachlorobenzene	16.23	284	172141	3.55	ng	97
21) Pentachlorophenol	16.58	266	41374	9.97	ng	94
22) Phenanthrene	16.94	178	251039	3.43	ng	100
23) Anthracene	17.05	178	241191	3.95	ng	100
24) Fluoranthene	18.96	202	310167	4.02	ng	99
26) Pyrene	19.32	202	332011	4.30	ng	99
28) Benzo(a)anthracene	21.05	228	318541	3.89	ng	99
29) Chrysene	21.10	228	321928	3.72	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	163058	5.59	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	349152	3.96	ng	99
33) Benzo(b)fluoranthene	22.66	252	299318	3.91	ng	99
34) Benzo(k)fluoranthene	22.70	252	328077	3.68	ng	100
35) Benzo(a)pyrene	23.25	252	287133	4.19	ng	100
36) Dibenzo(a,h)anthracene	25.74	278	284763	3.45	ng	99
37) Benzo(g,h,i)perylene	26.44	276	299721	3.80	ng	99

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

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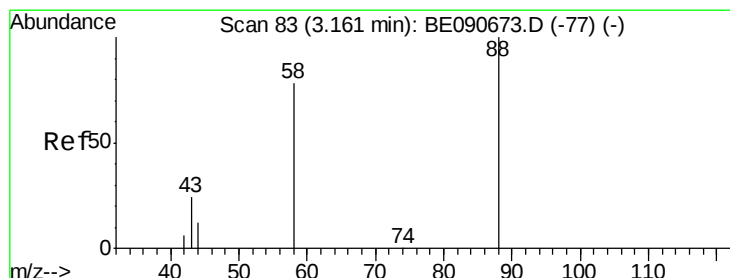
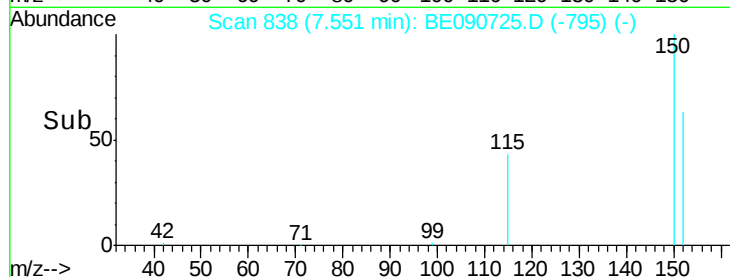
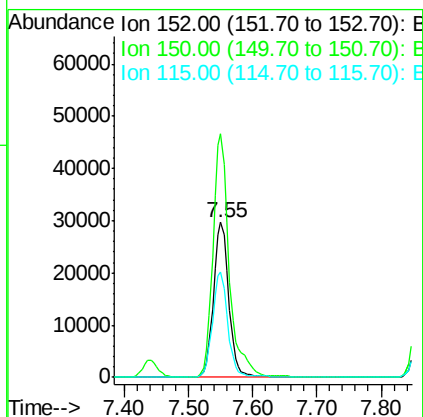
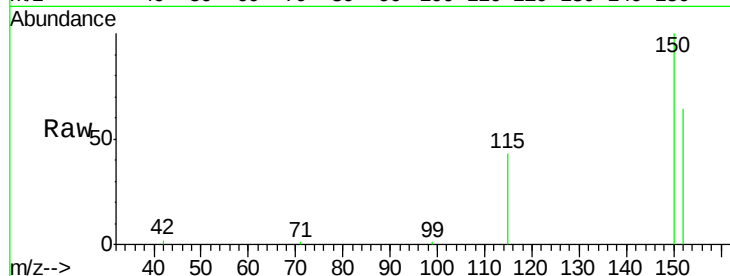




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.55 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

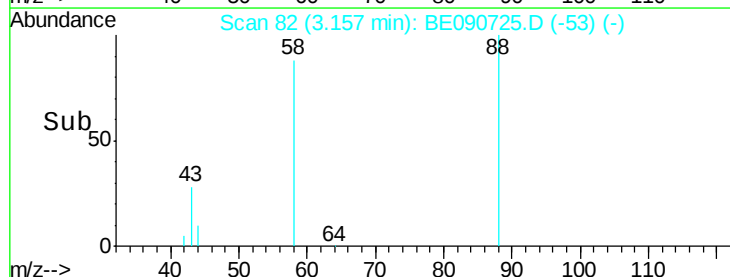
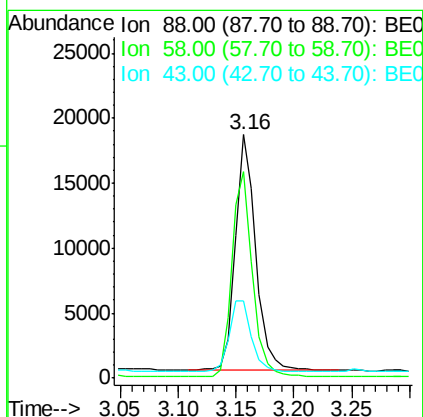
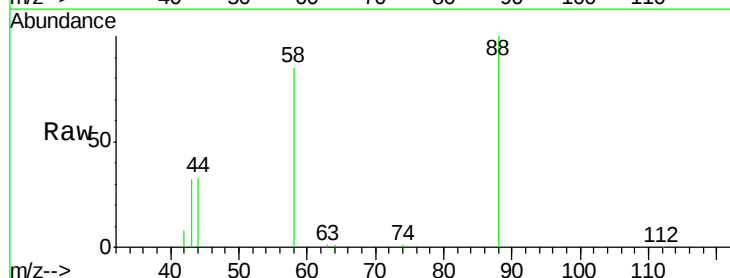
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MS

Tgt Ion:152 Resp: 48937
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.2 183.4
 115 68.0 51.0 76.4



#2
 1,4-Dioxane
 Concen: 3.46 ng
 RT: 3.16 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

Tgt Ion: 88 Resp: 22325
 Ion Ratio Lower Upper
 88 100
 58 88.2 68.4 102.6
 43 33.6 26.9 40.3



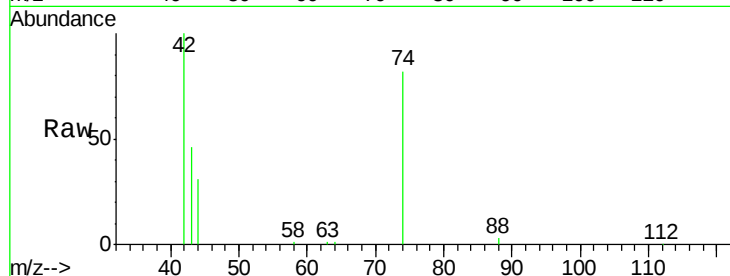


#3

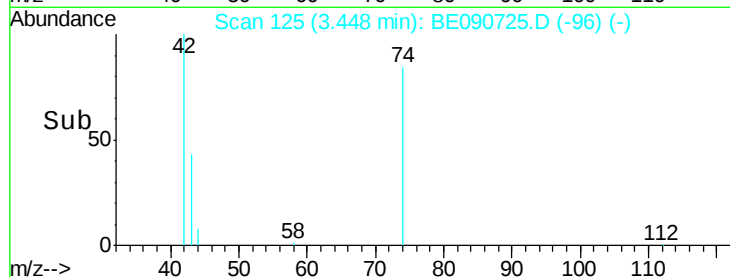
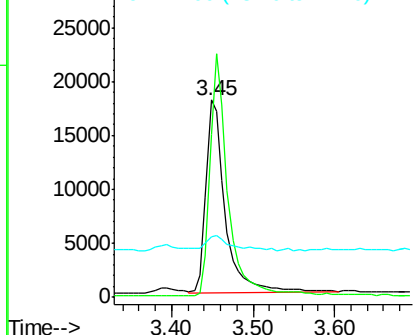
n-Nitrosodimethylamine
Concen: 3.37 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

Instrument :
BNA_E
ClientSampleId :
X1SB0840006-20150901MS

Tgt Ion: 42 Resp: 29394
Ion Ratio Lower Upper
42 100
74 121.0 83.7 125.5
44 10.9 10.0 15.0



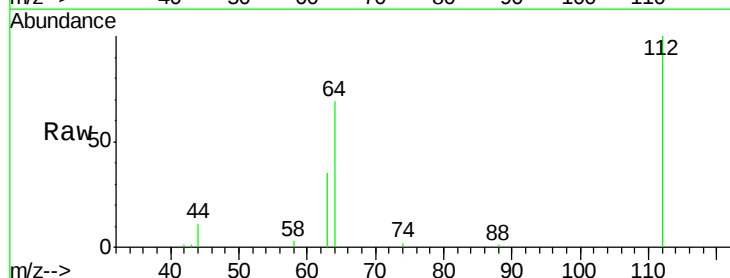
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



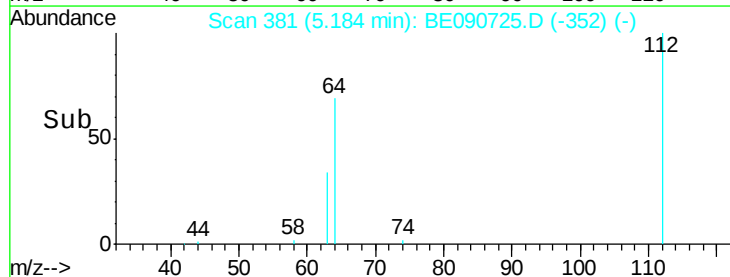
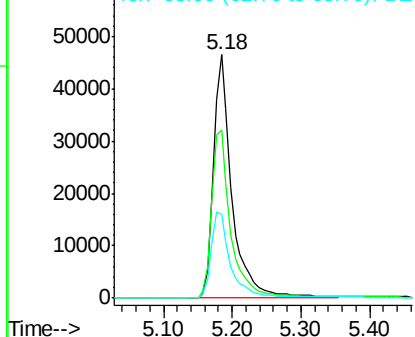
#4

2-Fluorophenol
Concen: 9.02 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

Tgt Ion: 112 Resp: 86050
Ion Ratio Lower Upper
112 100
64 71.9 57.3 85.9
63 36.7 29.2 43.8



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: 9.76 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

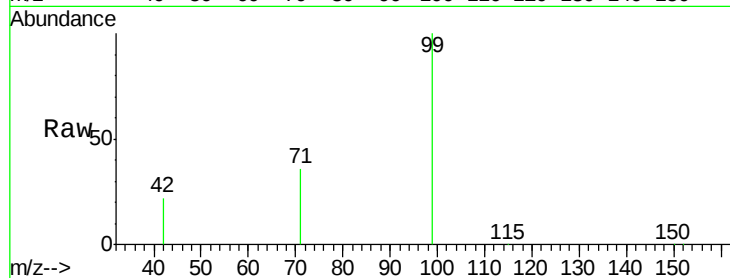
Tgt Ion: 99 Resp: 133052

Ion Ratio Lower Upper

99 100

42 21.7 16.8 25.2

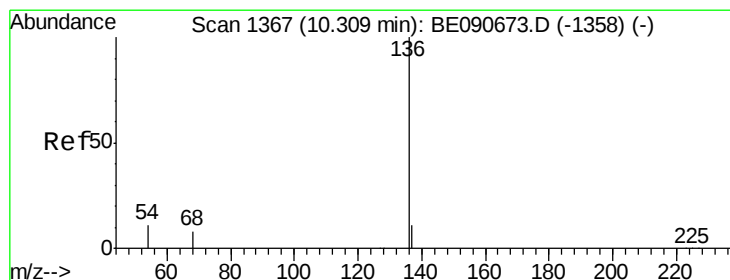
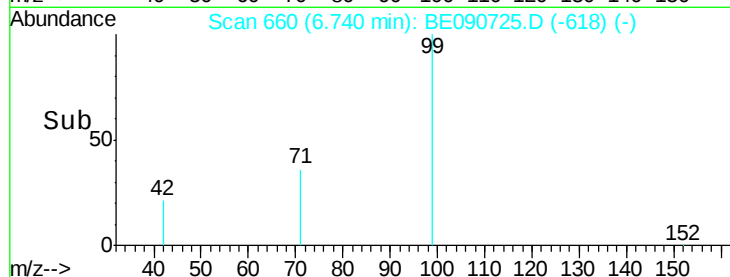
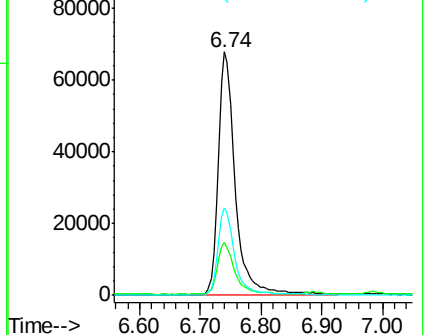
71 35.6 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Tgt Ion: 136 Resp: 228962

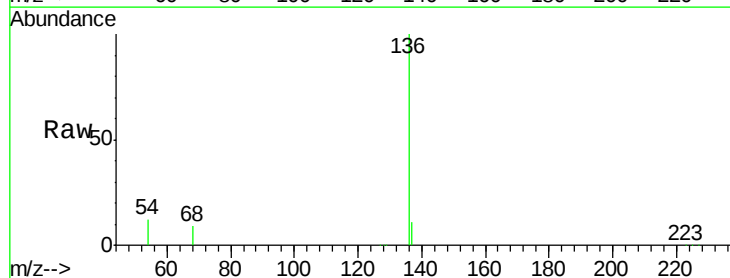
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 11.7 9.0 13.6

68 8.6 6.3 9.5

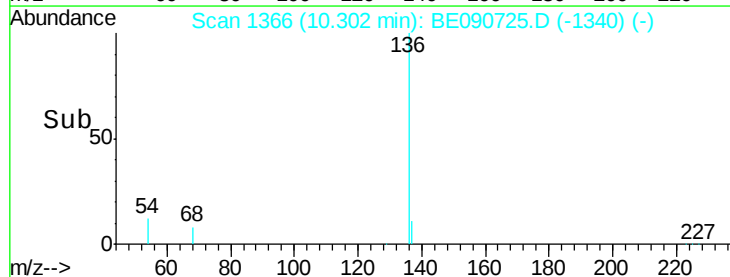
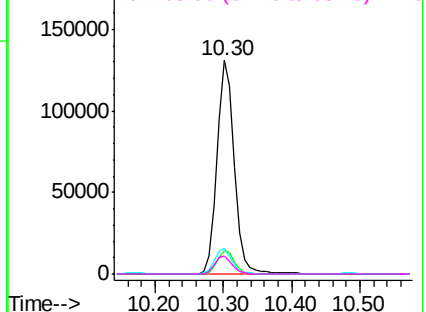


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.18 ng

RT: 8.69 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

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ClientSampleId :

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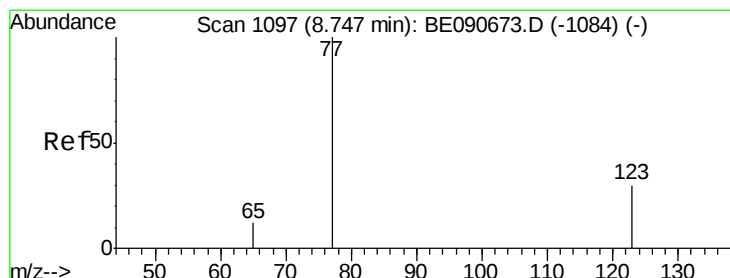
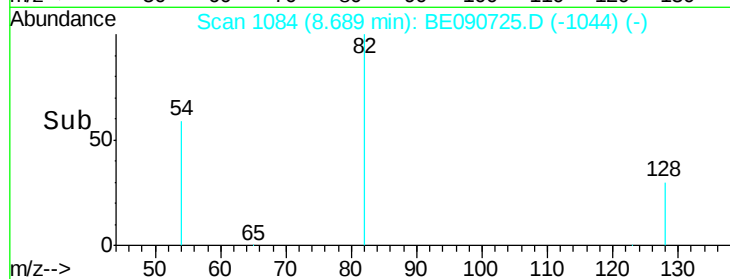
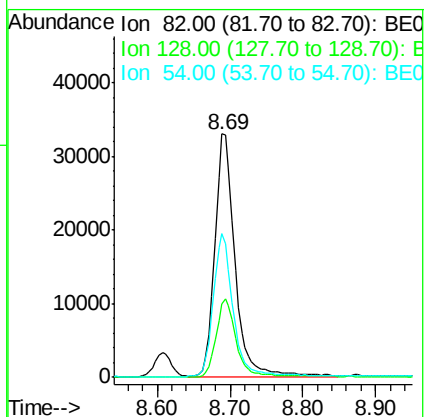
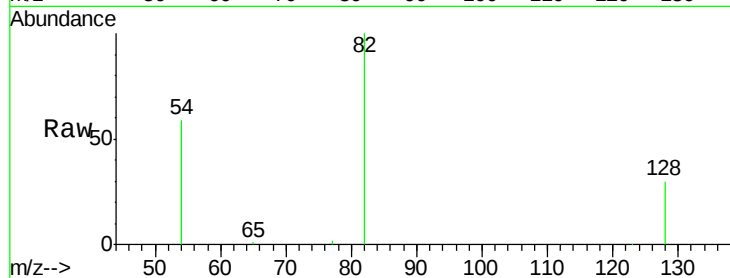
Tgt Ion: 82 Resp: 63190

Ion Ratio Lower Upper

82 100

128 30.2 25.0 37.4

54 58.9 46.3 69.5



#8

Nitrobenzene

Concen: 3.51 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

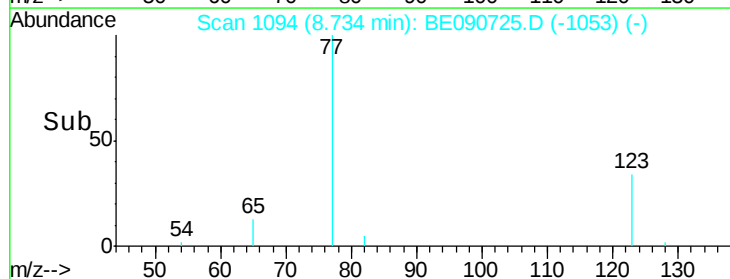
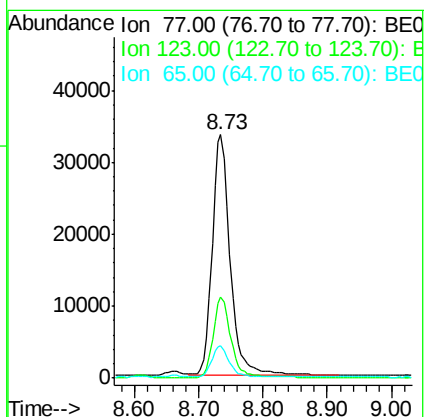
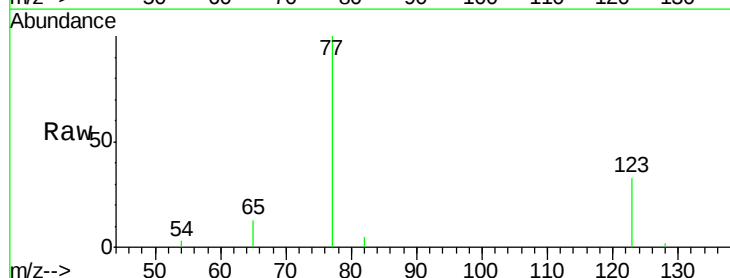
Tgt Ion: 77 Resp: 64701

Ion Ratio Lower Upper

77 100

123 33.7 25.1 37.7

65 12.7 9.9 14.9





#9

Naphthalene

Concen: 3.32 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

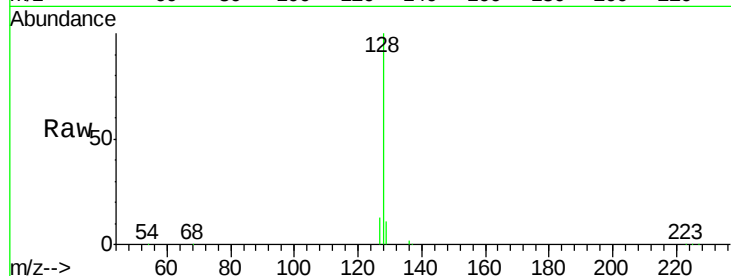
Tgt Ion:128 Resp: 165982

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

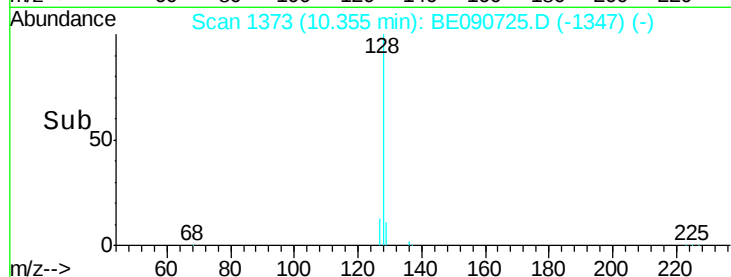
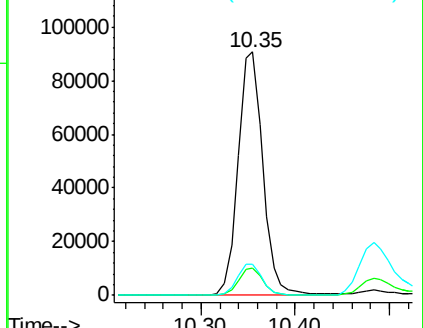
127 12.8 10.6 15.8



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: 3.08 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

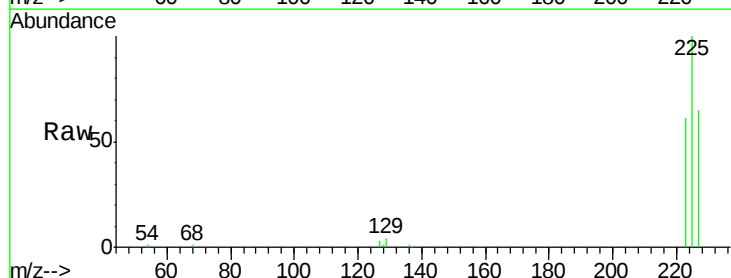
Tgt Ion:225 Resp: 24068

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

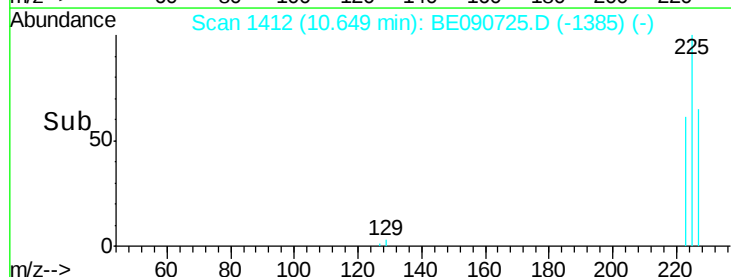
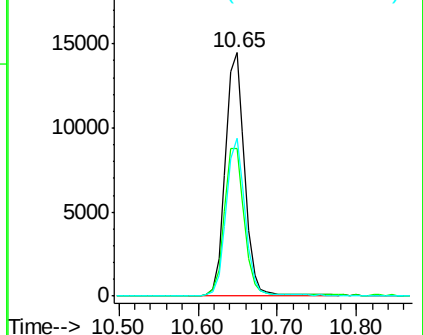
227 64.1 51.0 76.6



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

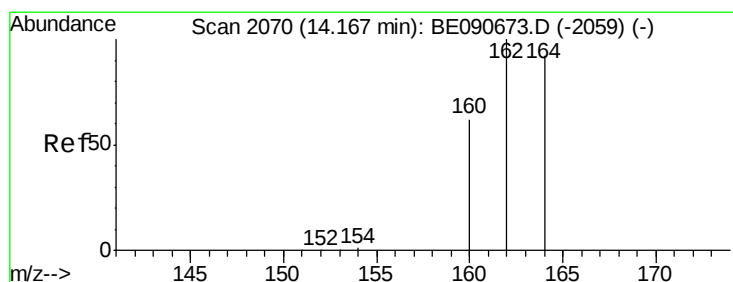
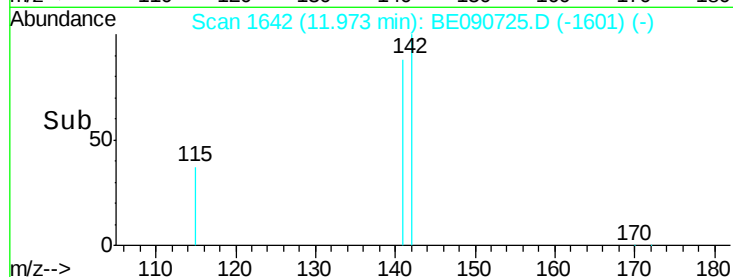
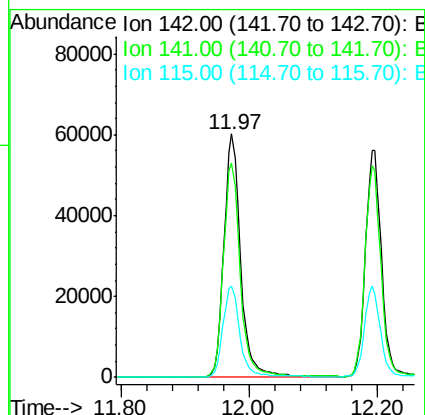
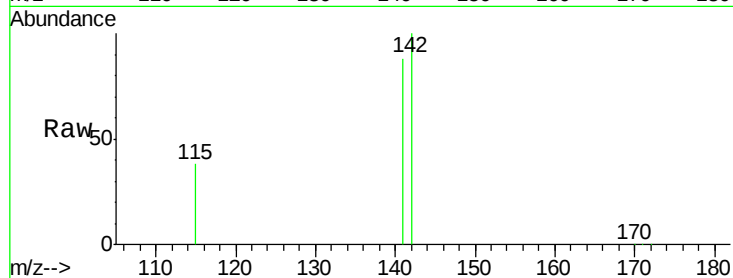




#11
2-Methylnaphthalene
Concen: 4.00 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

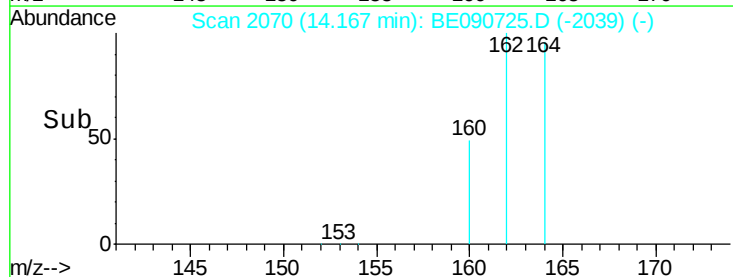
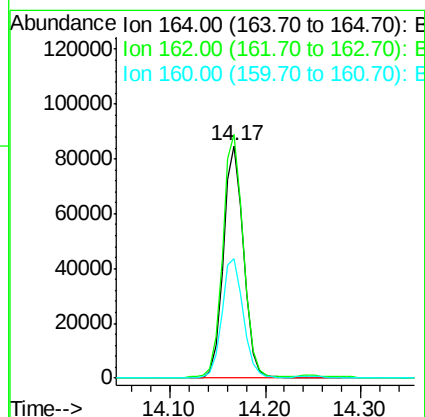
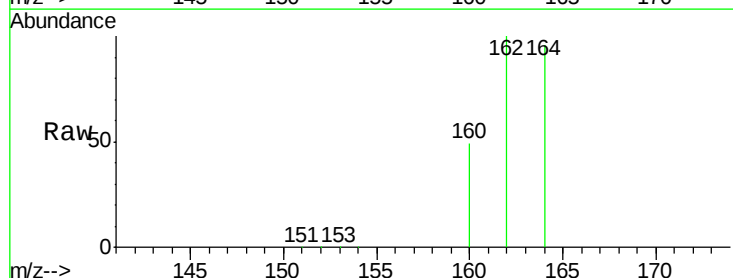
Instrument :
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Tgt Ion:142 Resp: 108035
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 37.5 31.0 46.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

Tgt Ion:164 Resp: 124339
Ion Ratio Lower Upper
164 100
162 104.7 86.8 130.2
160 51.4 53.9 80.9#

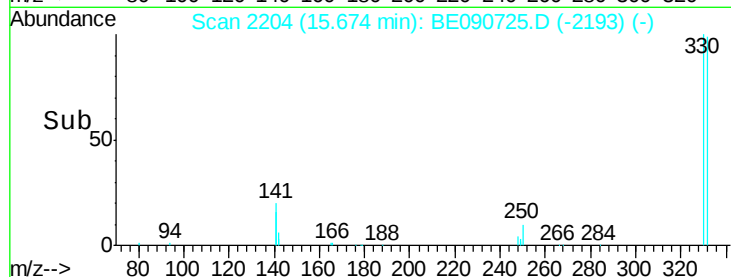
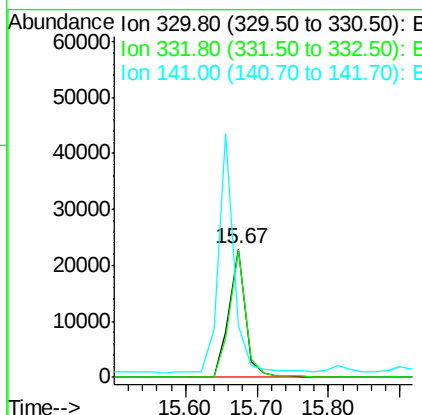
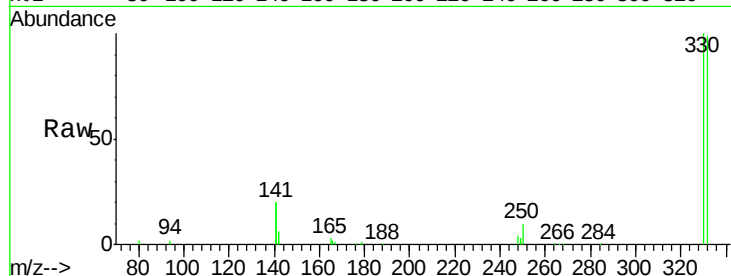




#13
 2,4,6-Tribromophenol
 Concen: 10.10 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

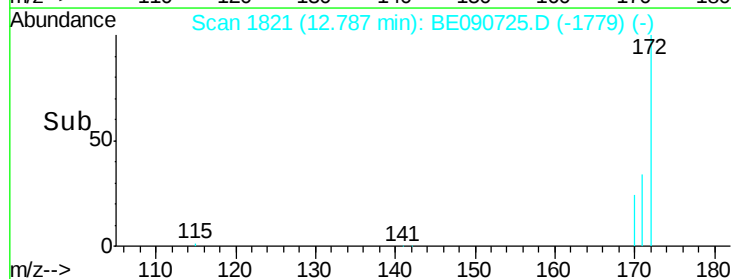
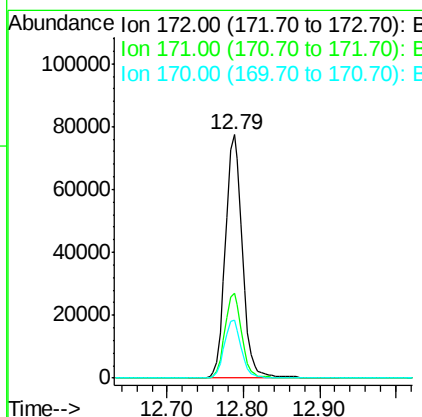
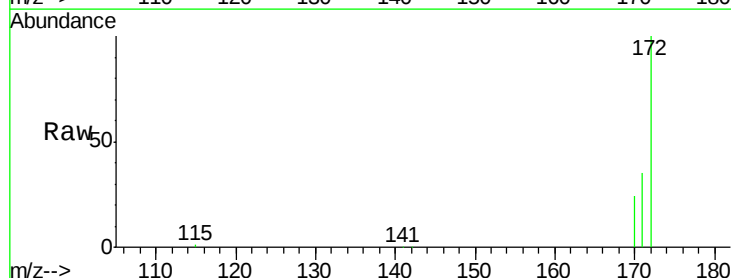
Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MS

Tgt Ion:330 Resp: 37028
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.9 112.3
 141 177.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

Tgt Ion:172 Resp: 119087
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 24.0 19.8 29.6





#15

Acenaphthylene

Concen: 3.76 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

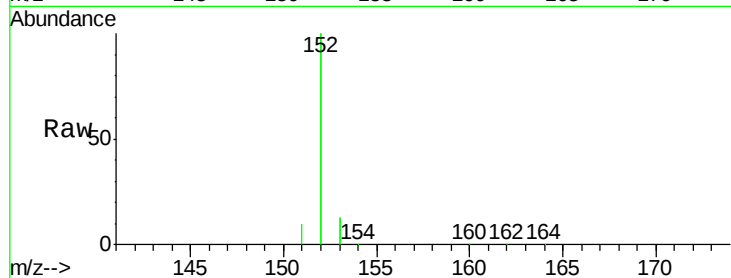
Tgt Ion:152 Resp: 746932

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

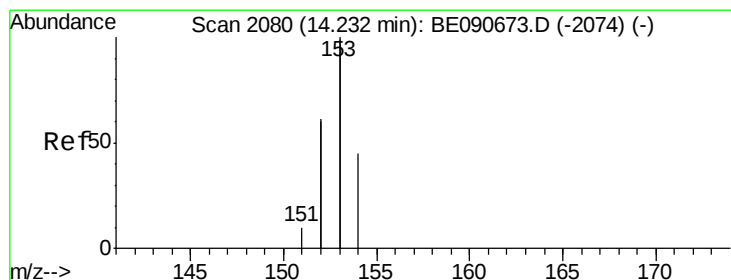
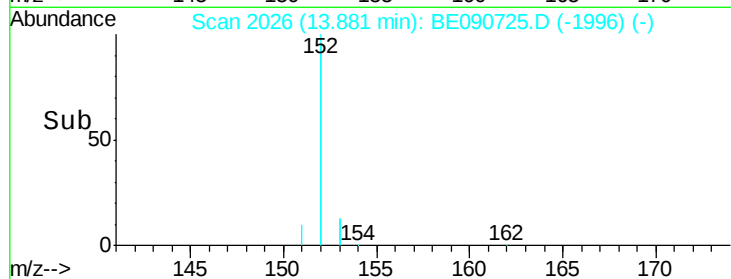
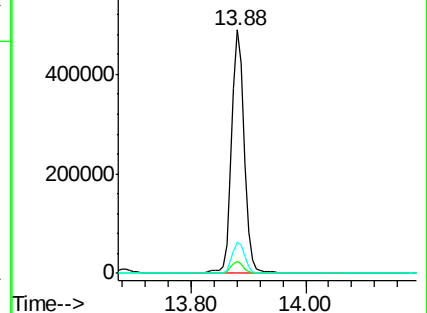
153 13.0 10.3 15.5



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: 3.36 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

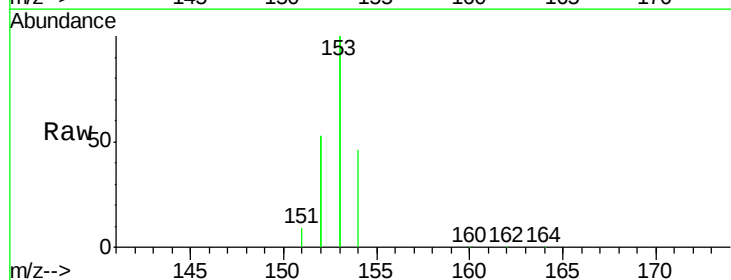
Tgt Ion:154 Resp: 111505

Ion Ratio Lower Upper

154 100

153 440.0 354.5 531.7

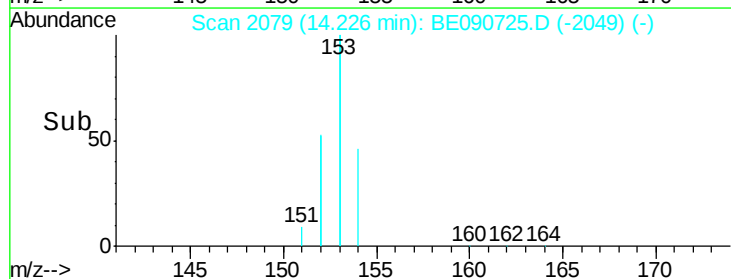
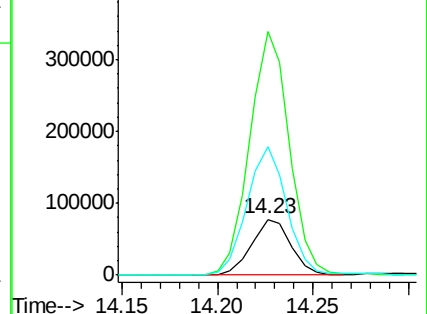
152 233.2 227.8 341.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

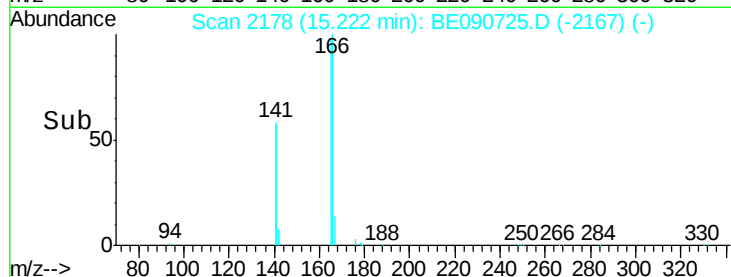
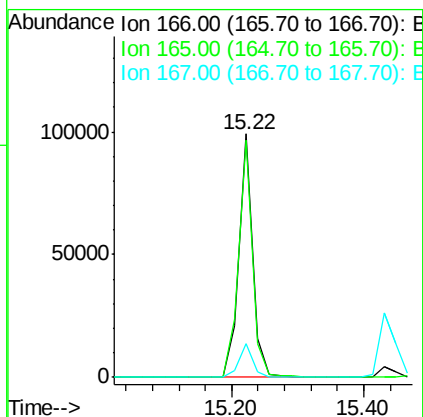
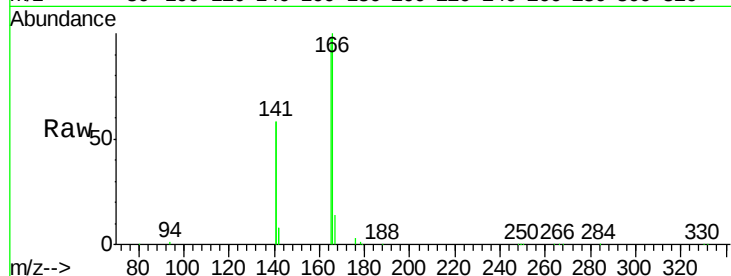




#17
Fluorene
Concen: 3.47 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

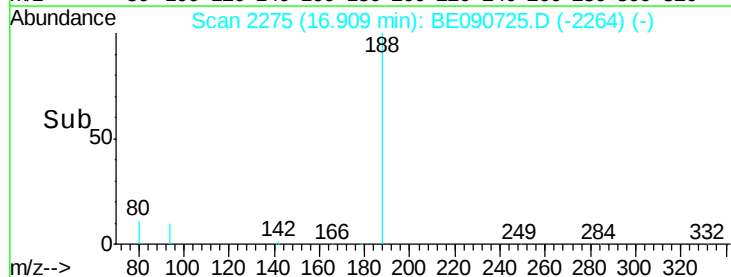
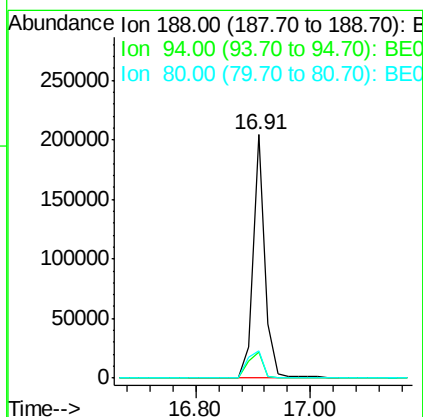
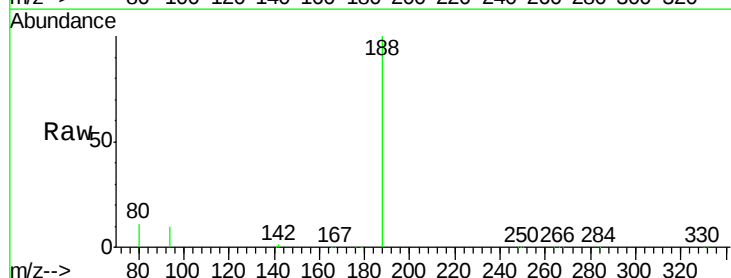
Instrument :
BNA_E
ClientSampleId :
X1SB0840006-20150901MS

Tgt Ion:166 Resp: 143723
Ion Ratio Lower Upper
166 100
165 98.7 82.7 124.1
167 13.6 10.7 16.1



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

Tgt Ion:188 Resp: 295442
Ion Ratio Lower Upper
188 100
94 10.5 10.3 15.5
80 11.1 11.0 16.6

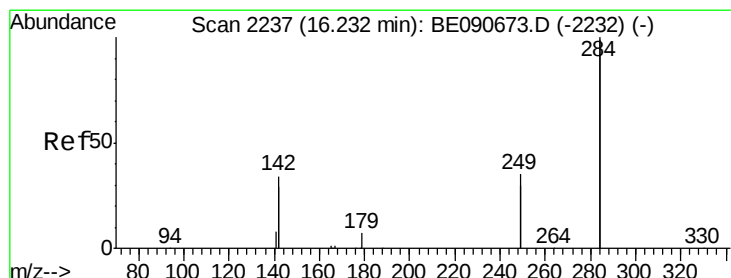
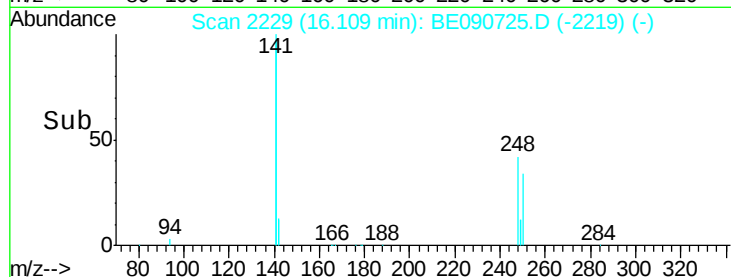
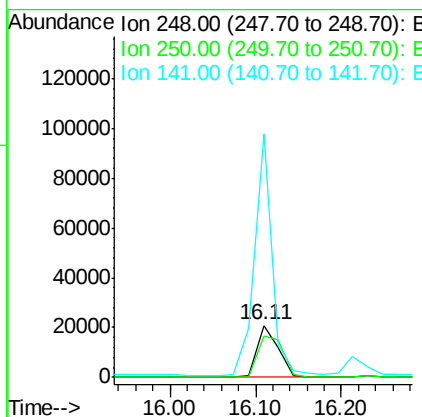
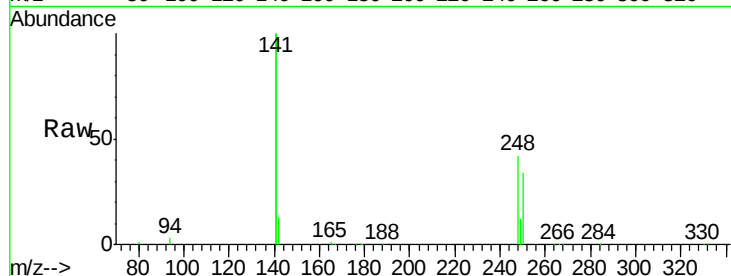




#19
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

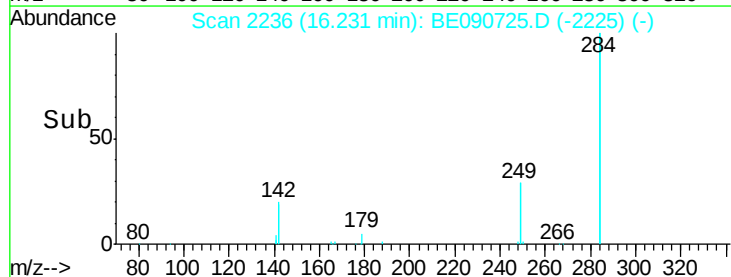
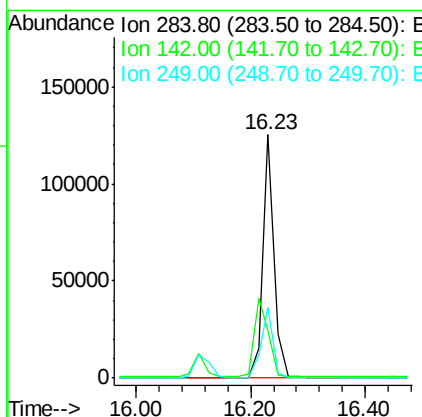
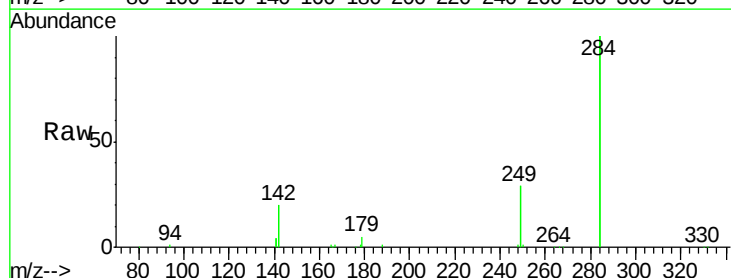
Instrument :
BNA_E
ClientSampleId :
X1SB0840006-20150901MS

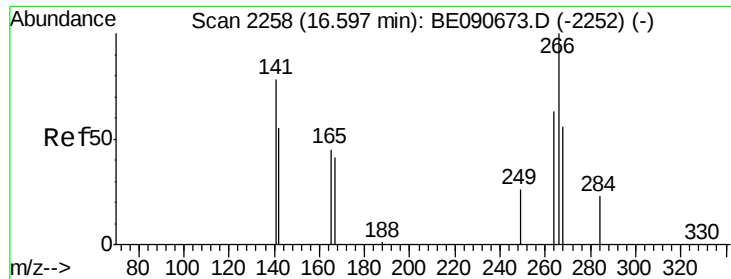
Tgt Ion:248 Resp: 36233
Ion Ratio Lower Upper
248 100
250 96.1 76.7 115.1
141 378.7 292.6 439.0



#20
Hexachlorobenzene
Concen: 3.55 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090725.D
Acq: 4 Sep 2015 12:12

Tgt Ion:284 Resp: 172141
Ion Ratio Lower Upper
284 100
142 40.8 35.0 52.4
249 31.2 25.5 38.3

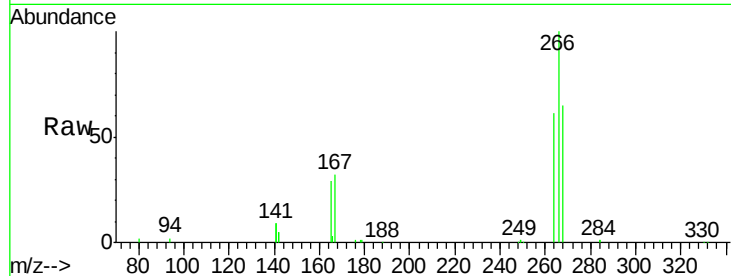




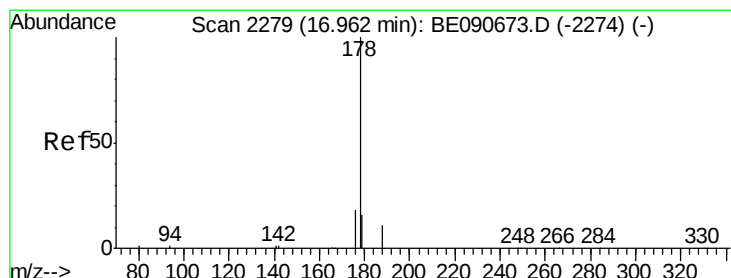
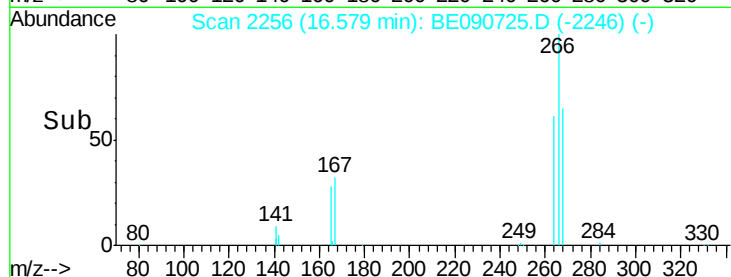
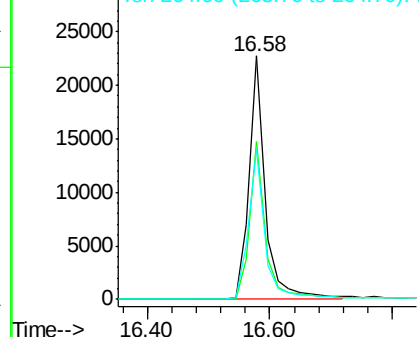
#21
 Pentachlorophenol
 Concen: 9.97 ng
 RT: 16.58 min Scan# 2256
 Delta R.T. -0.02 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MS

Tgt Ion: 266 Resp: 41374
 Ion Ratio Lower Upper
 266 100
 268 65.0 49.6 74.4
 264 61.5 53.9 80.9

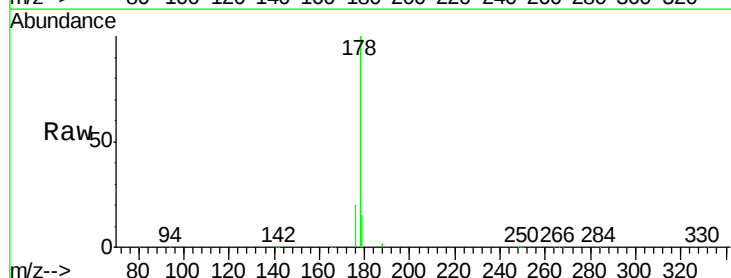


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

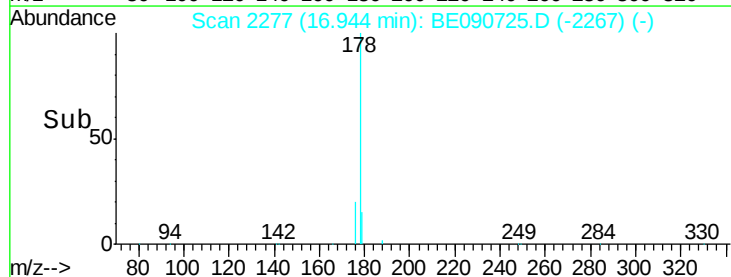
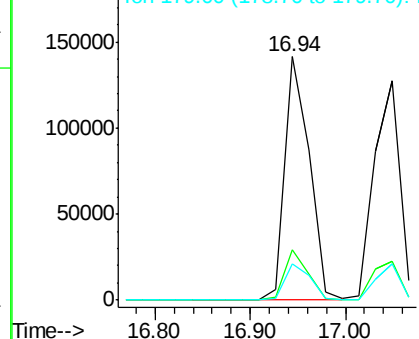


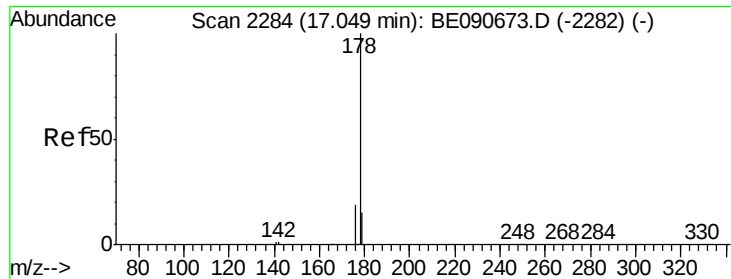
#22
 Phenanthrene
 Concen: 3.43 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

Tgt Ion: 178 Resp: 251039
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.7 12.8 19.2



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: 3.95 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

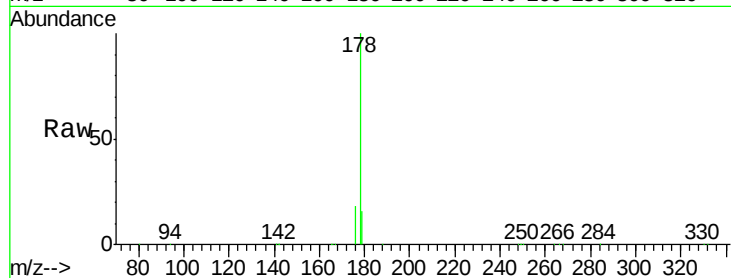
Tgt Ion:178 Resp: 241191

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

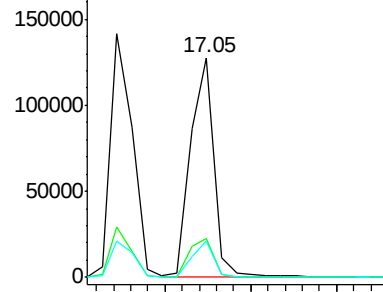
179 15.3 12.3 18.5



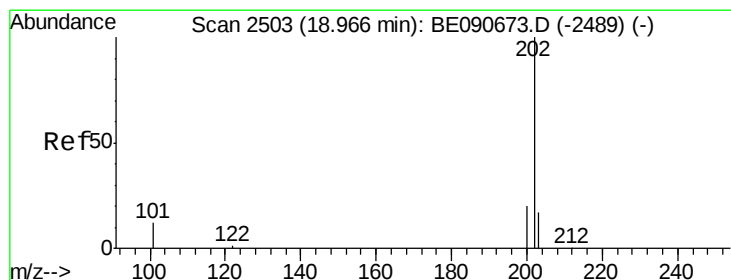
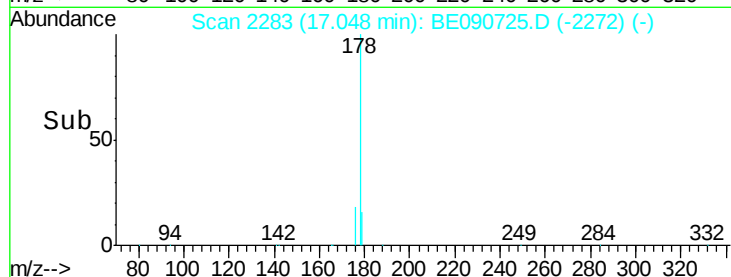
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Fluoranthene

Concen: 4.02 ng

RT: 18.96 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

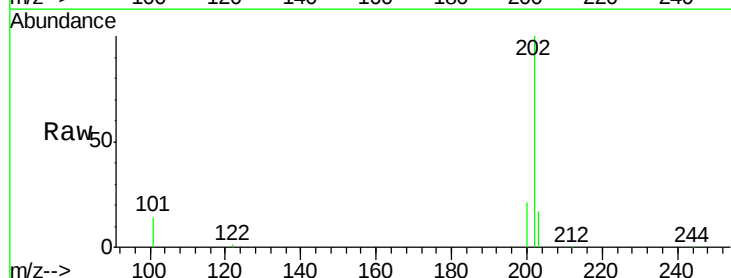
Tgt Ion:202 Resp: 310167

Ion Ratio Lower Upper

202 100

101 14.6 11.0 16.6

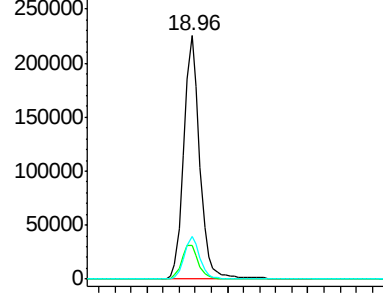
203 17.1 13.9 20.9



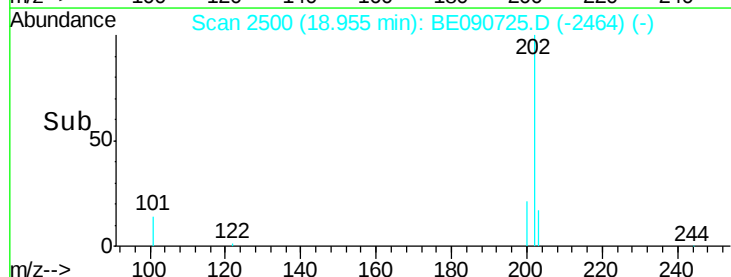
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

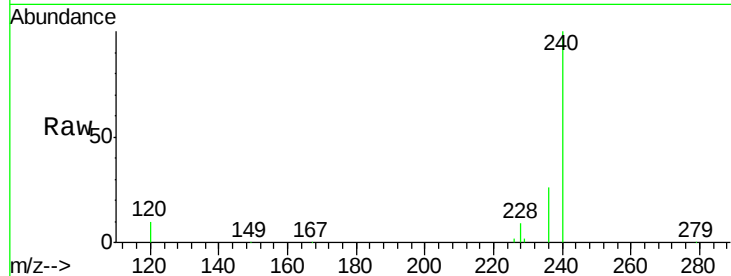
Tgt Ion:240 Resp: 373414

Ion Ratio Lower Upper

240 100

120 10.3 10.1 15.1

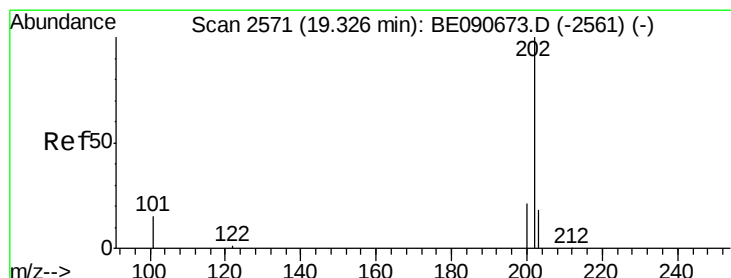
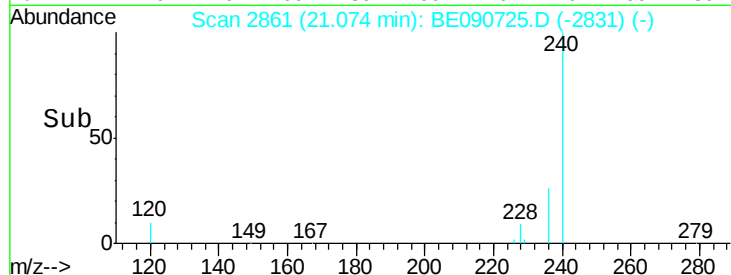
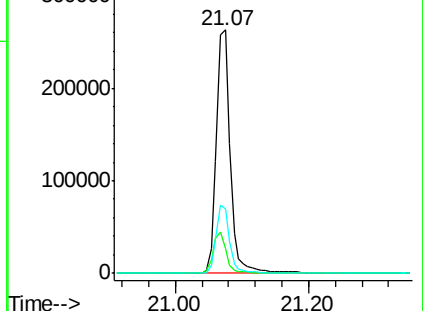
236 26.4 21.9 32.9



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: 4.30 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

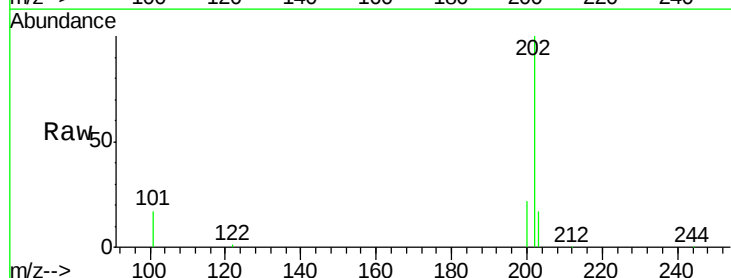
Tgt Ion:202 Resp: 332011

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

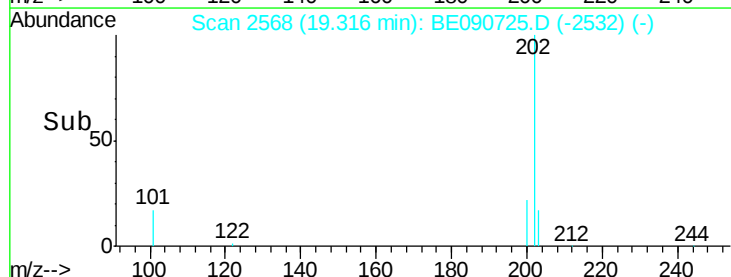
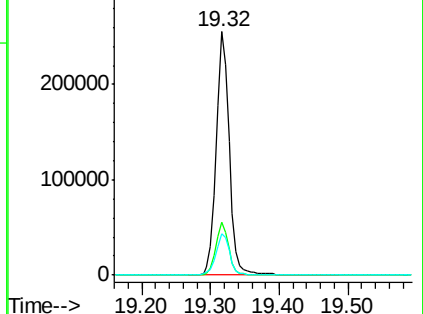
203 18.0 13.8 20.6



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

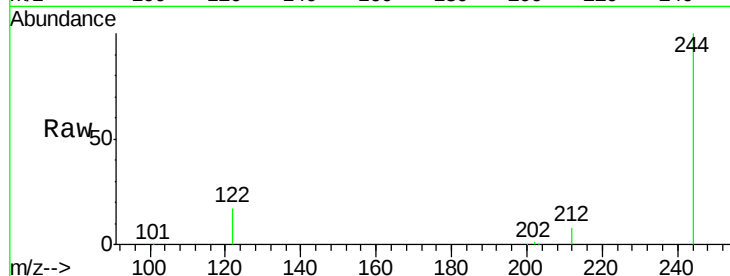




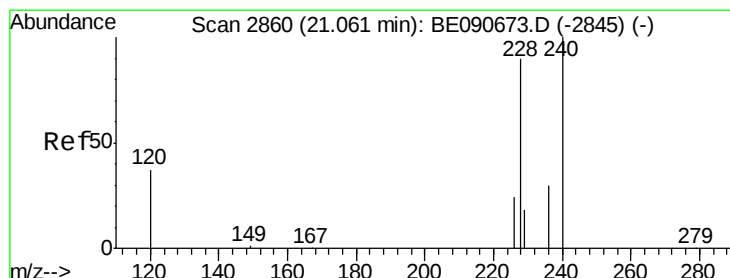
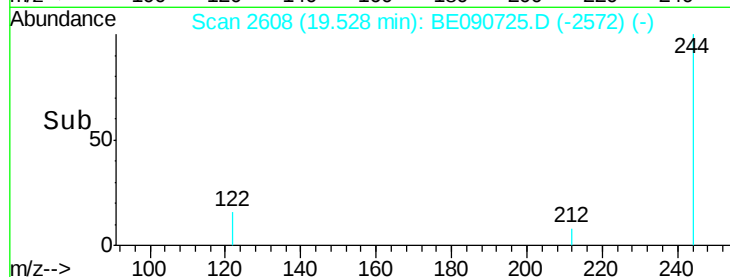
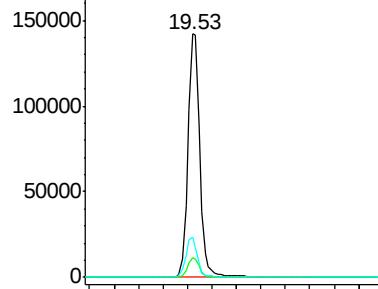
#27
 Terphenyl-d14
 Concen: 4.65 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0840006-20150901MS

Tgt Ion: 244 Resp: 192166
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 16.6 12.9 19.3

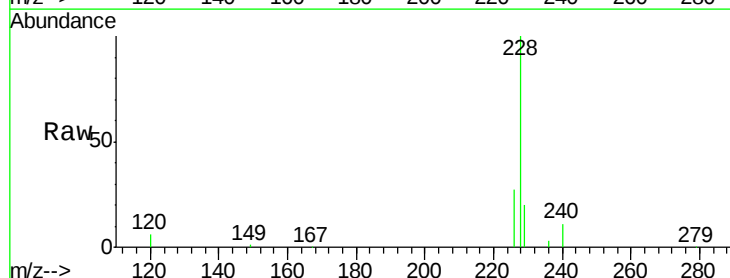


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

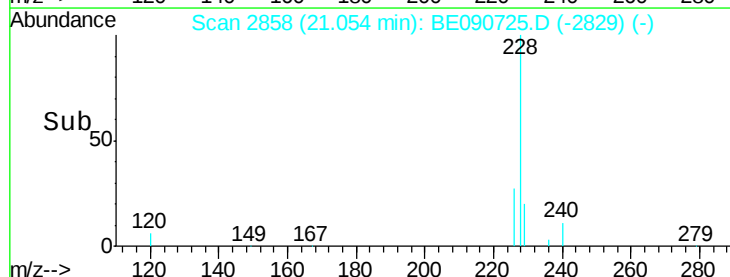
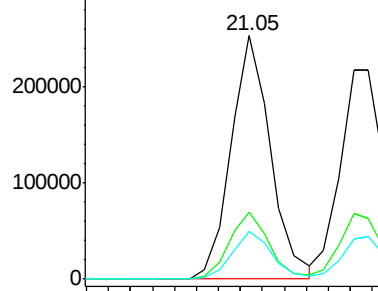


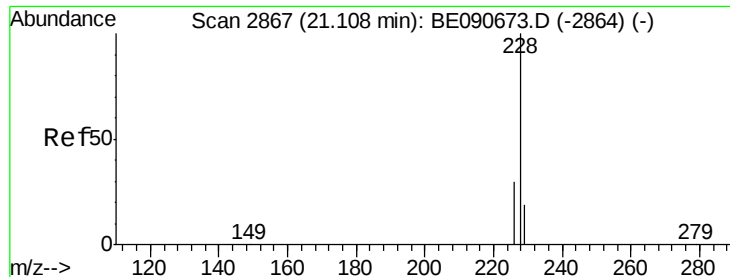
#28
 Benzo(a)anthracene
 Concen: 3.89 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090725.D
 Acq: 4 Sep 2015 12:12

Tgt Ion: 228 Resp: 318541
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.6 32.4
 229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 3.72 ng

RT: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

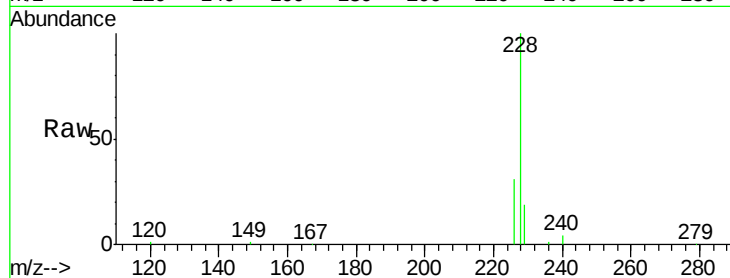
Tgt Ion:228 Resp: 321928

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.4

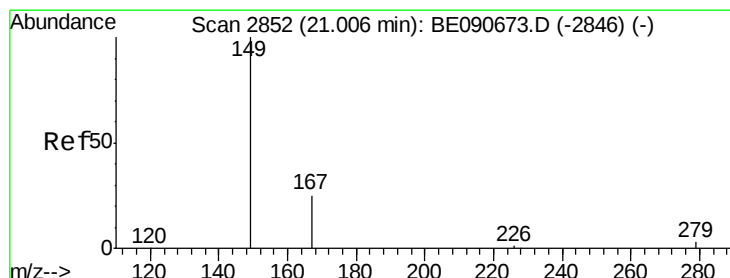
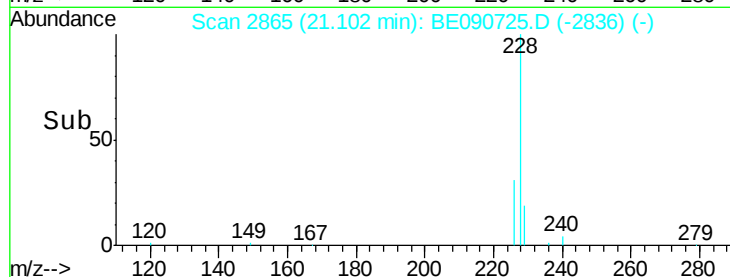
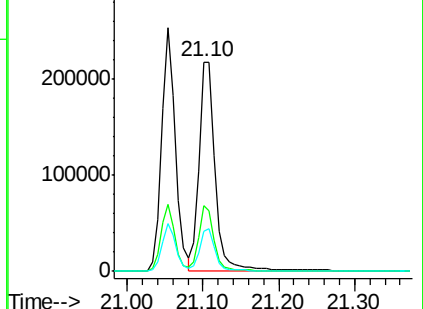
229 19.0 15.3 22.9



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: 5.59 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

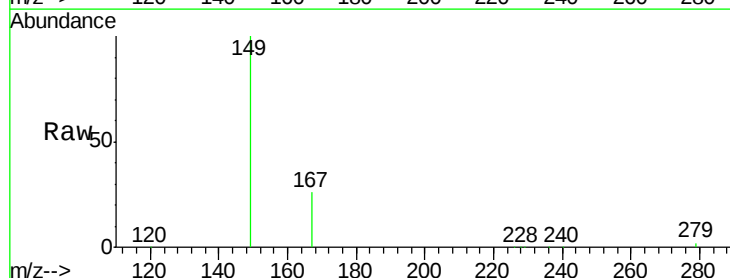
Tgt Ion:149 Resp: 163058

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

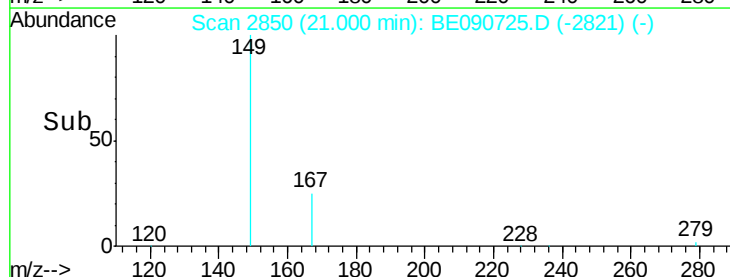
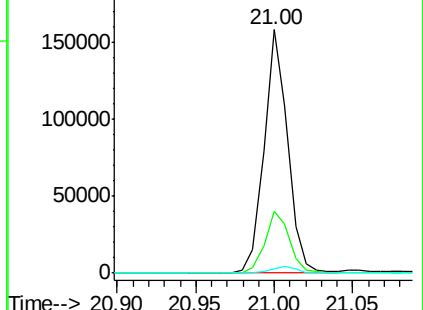
279 3.0 2.3 3.5



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: 3.96 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

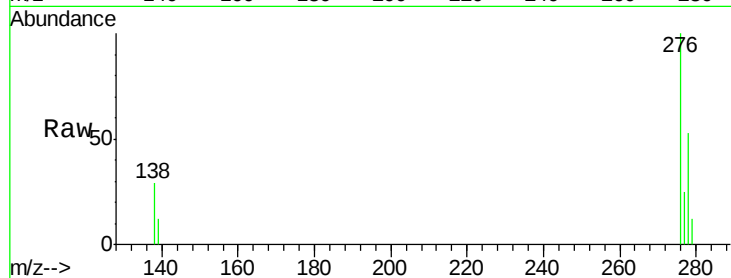
Tgt Ion:276 Resp: 349152

Ion Ratio Lower Upper

276 100

138 30.4 23.3 34.9

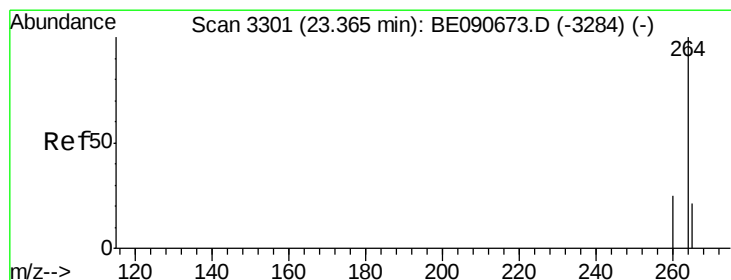
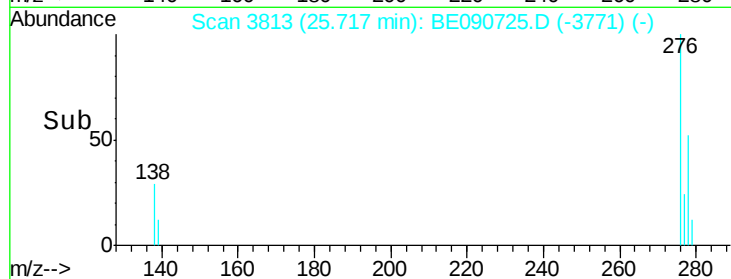
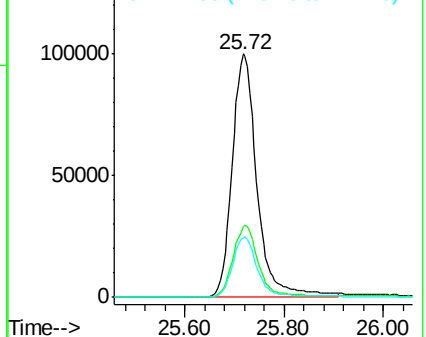
277 24.9 19.8 29.6



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: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

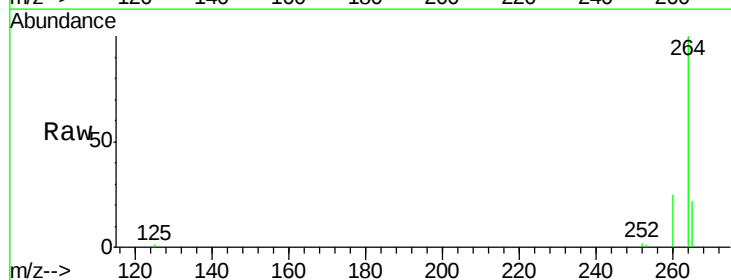
Tgt Ion:264 Resp: 353191

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

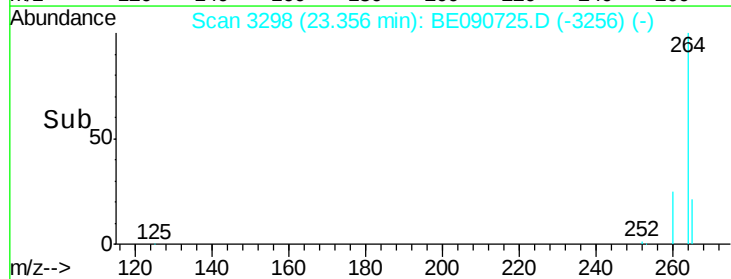
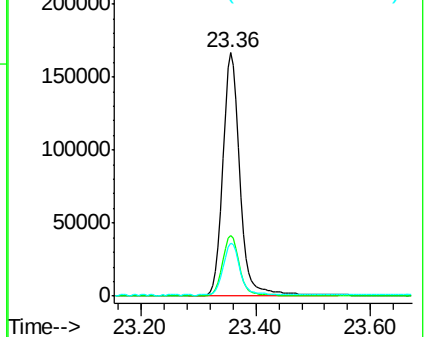
265 21.7 17.5 26.3



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: 3.91 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

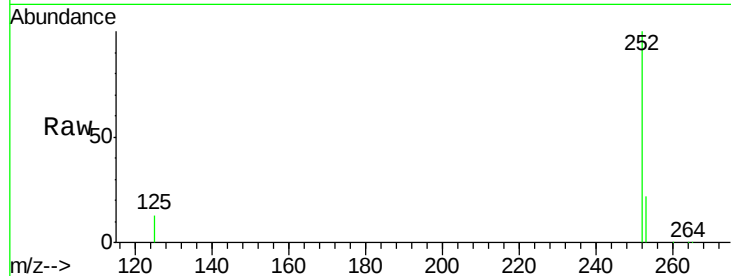
Tgt Ion:252 Resp: 299318

Ion Ratio Lower Upper

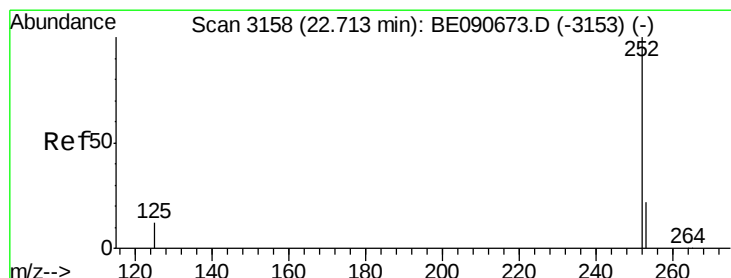
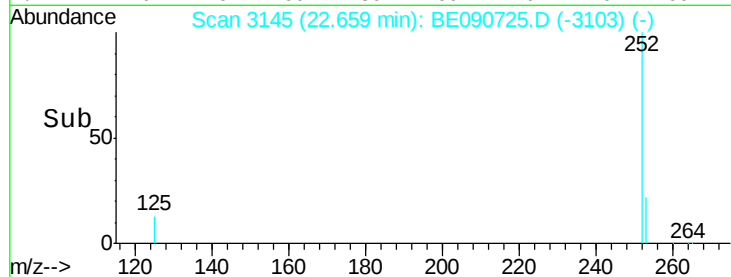
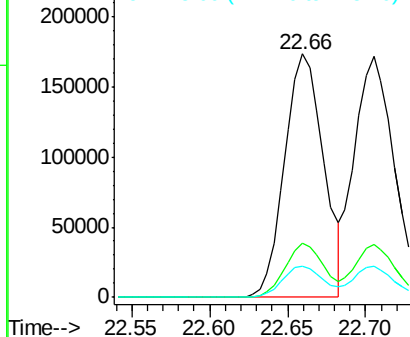
252 100

253 22.0 17.9 26.9

125 13.0 10.6 16.0



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: 3.68 ng

RT: 22.70 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

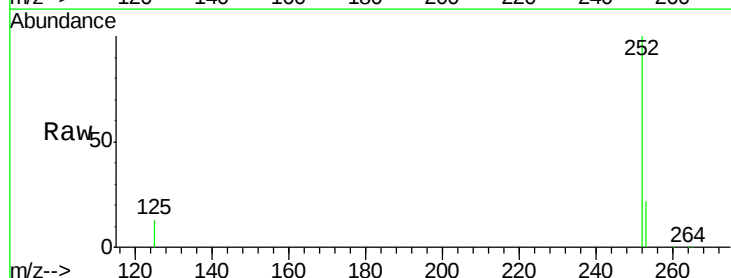
Tgt Ion:252 Resp: 328077

Ion Ratio Lower Upper

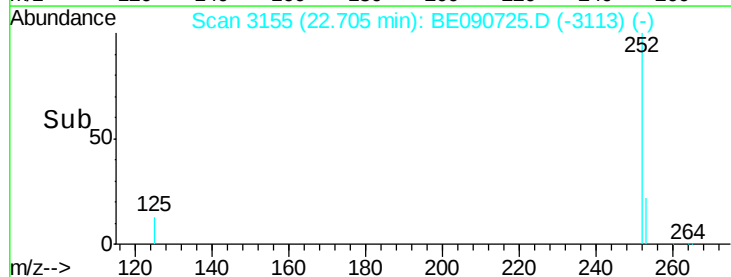
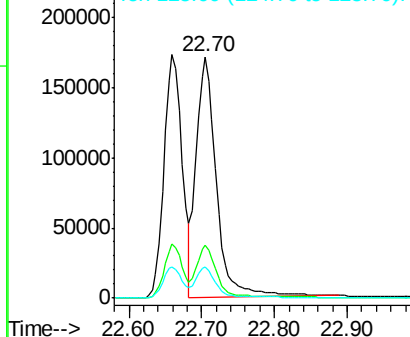
252 100

253 22.2 17.9 26.9

125 12.8 10.1 15.1



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: 4.19 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS

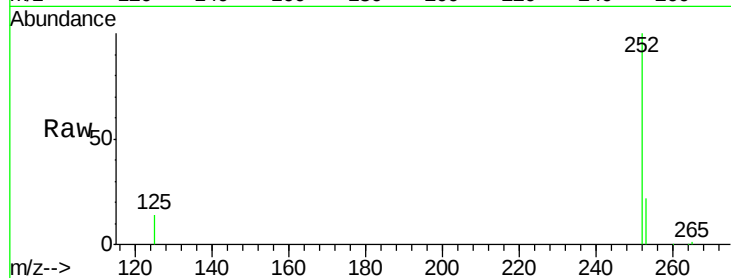
Tgt Ion:252 Resp: 287133

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

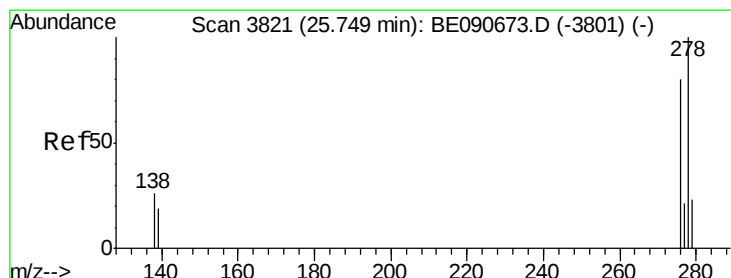
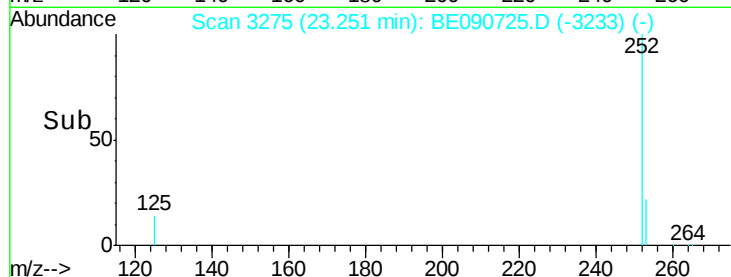
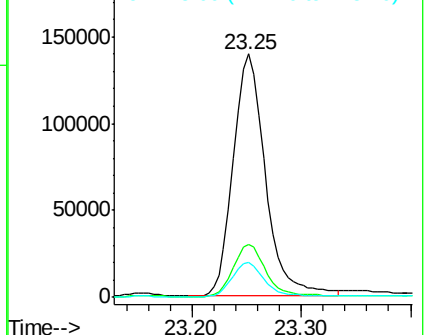
125 14.2 11.6 17.4



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: 3.45 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090725.D

Acq: 4 Sep 2015 12:12

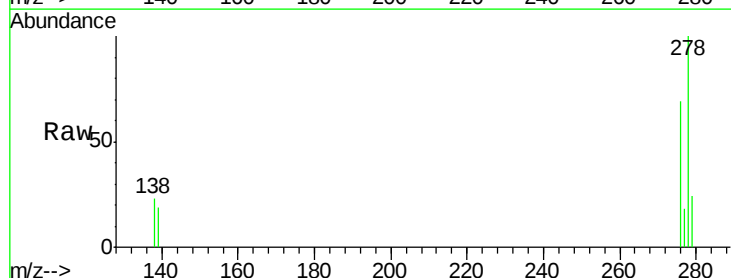
Tgt Ion:278 Resp: 284763

Ion Ratio Lower Upper

278 100

139 18.8 15.4 23.0

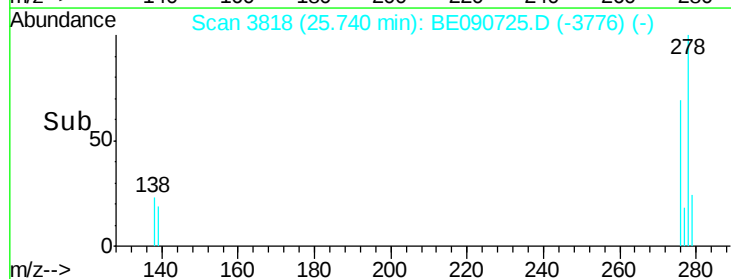
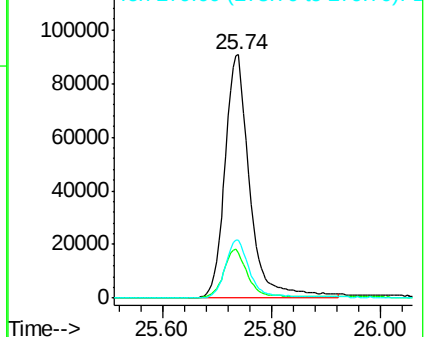
279 23.7 18.8 28.2



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: 3.80 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090725.D

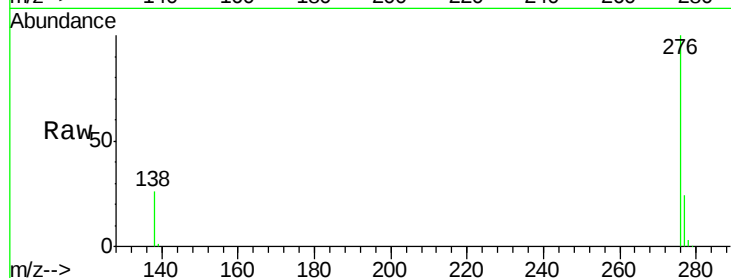
Acq: 4 Sep 2015 12:12

Instrument :

BNA_E

ClientSampleId :

X1SB0840006-20150901MS



Tgt Ion: 276 Resp: 299721

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.9 20.1 30.1

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

