

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090521.D
 Acq On : 14 Aug 2015 15:32
 Operator : UM/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

Quant Time: Aug 14 16:10:46 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 15:17:14 2015
 Response via : Initial Calibration

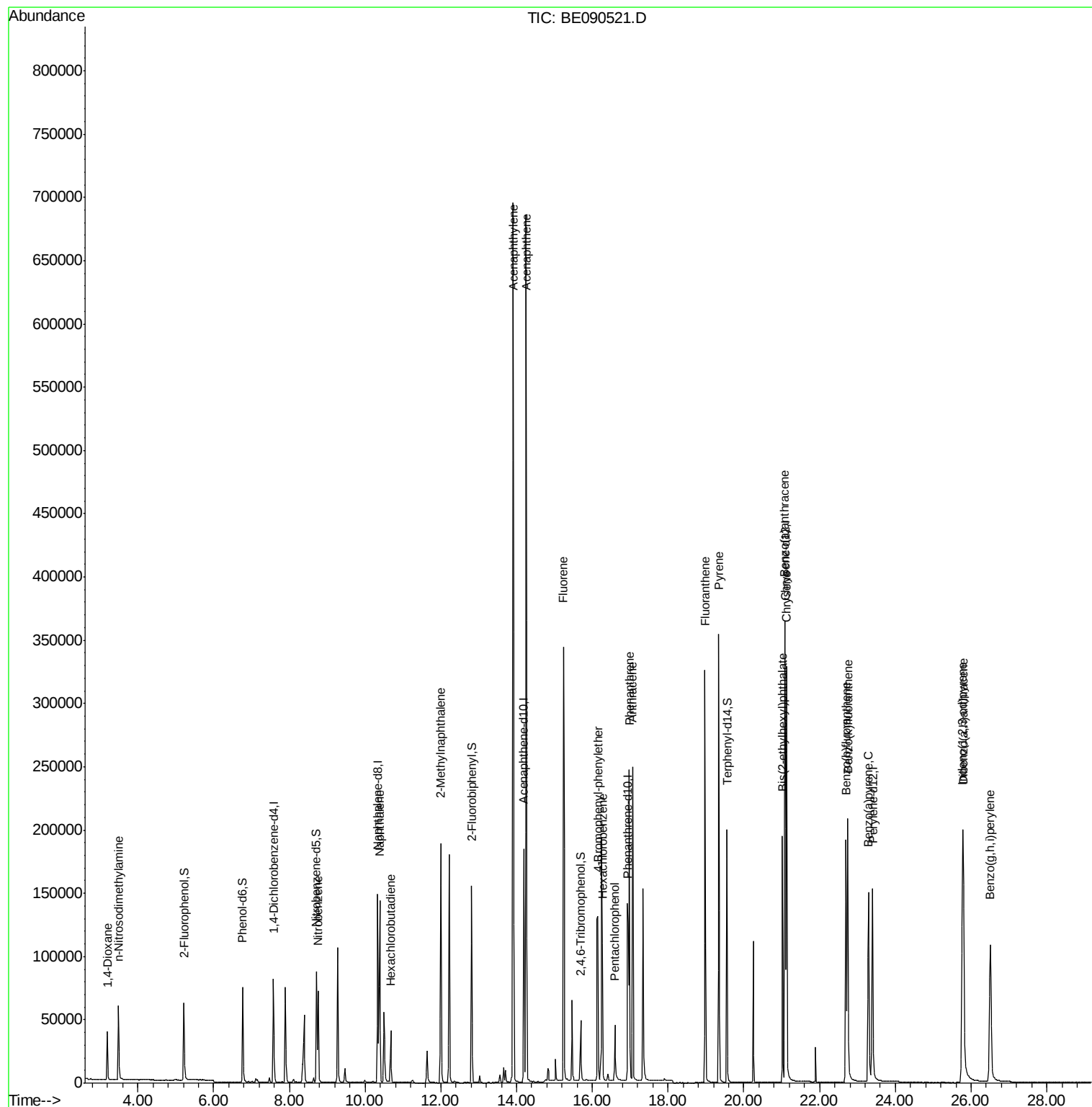
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	39466	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	190427	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	102307	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	225406	5.00	ng	0.00
25) Chrysene-d12	21.09	240	233470	5.00	ng	0.00
32) Perylene-d12	23.40	264	217267	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	51838	4.29	ng	0.00
5) Phenol-d6	6.77	99	81536	4.77	ng	0.00
7) Nitrobenzene-d5	8.72	82	77393	5.14	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20946	5.48	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	142556	4.46	ng	0.00
27) Terphenyl-d14	19.55	244	198618	4.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	21931	3.86	ng	98
3) n-Nitrosodimethylamine	3.49	42	31696	4.48	ng	# 75
8) Nitrobenzene	8.76	77	81537	5.28	ng	93
9) Naphthalene	10.38	128	194255	4.22	ng	98
10) Hexachlorobutadiene	10.68	225	28505	4.22	ng	100
11) 2-Methylnaphthalene	12.00	142	131086	4.45	ng	98
15) Acenaphthylene	13.91	152	880730	4.53	ng	99
16) Acenaphthene	14.26	154	129028	4.35	ng	# 77
17) Fluorene	15.24	166	158676	4.36	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	42495	4.36	ng	77
20) Hexachlorobenzene	16.27	284	182292	4.19	ng	95
21) Pentachlorophenol	16.60	266	22443	7.42	ng	89
22) Phenanthrene	16.98	178	263626	4.17	ng	100
23) Anthracene	17.07	178	259827	4.62	ng	99
24) Fluoranthene	18.98	202	296612	4.51	ng	98
26) Pyrene	19.34	202	307911	4.40	ng	99
28) Benzo(a)anthracene	21.08	228	281385	4.35	ng	98
29) Chrysene	21.13	228	282000	4.23	ng	97
30) Bis(2-ethylhexyl)phthalate	21.02	149	176141	5.32	ng	98
31) Indeno(1,2,3-cd)pyrene	25.77	276	292407	4.89	ng	# 91
33) Benzo(b)fluoranthene	22.70	252	250825	4.67	ng	99
34) Benzo(k)fluoranthene	22.74	252	273963	4.48	ng	98
35) Benzo(a)pyrene	23.29	252	233035	4.75	ng	98
36) Dibenzo(a,h)anthracene	25.79	278	233602	5.00	ng	96
37) Benzo(g,h,i)perylene	26.51	276	246782	4.75	ng	95

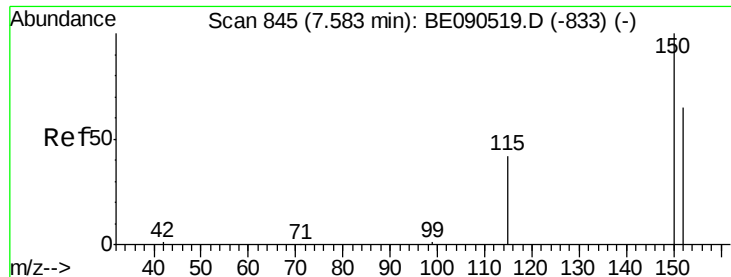
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090521.D
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

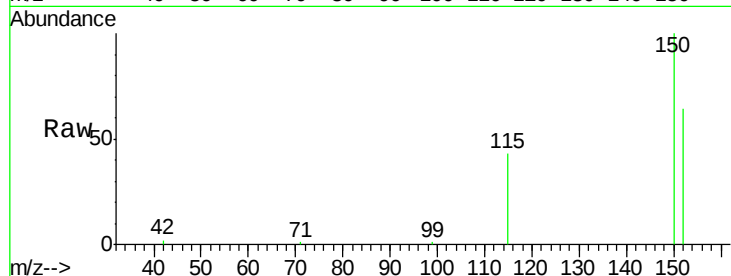
Tot Ion:152 Resp: 39466

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

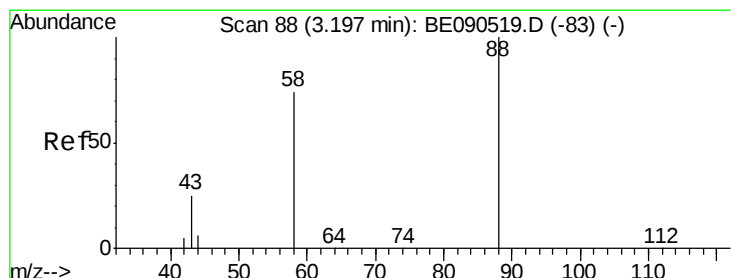
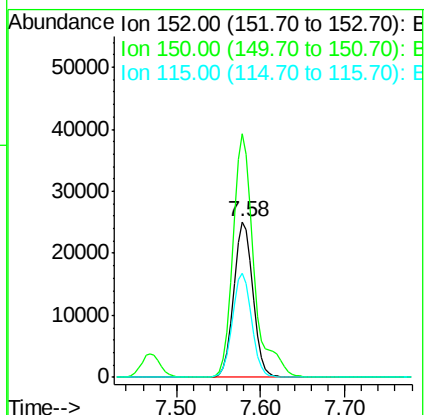
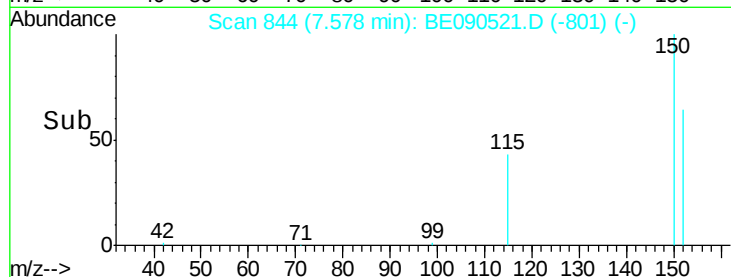
115 67.3 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.86 ng

RT: 3.20 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

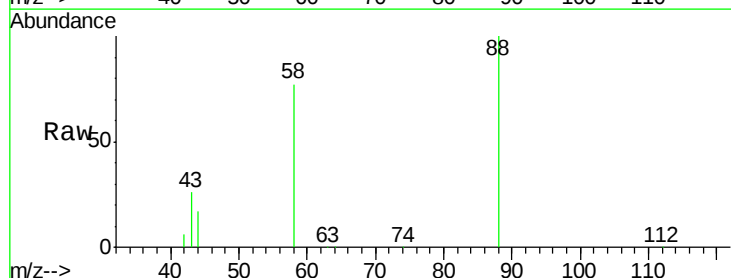
Tgt Ion: 88 Resp: 21931

Ion Ratio Lower Upper

88 100

58 86.6 70.0 105.0

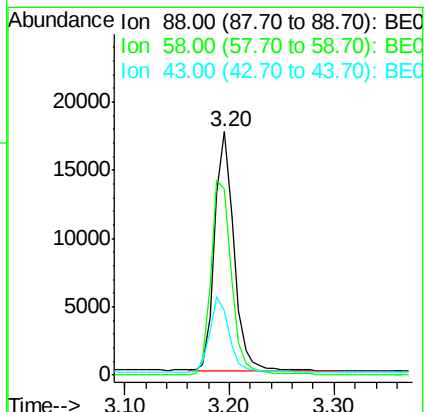
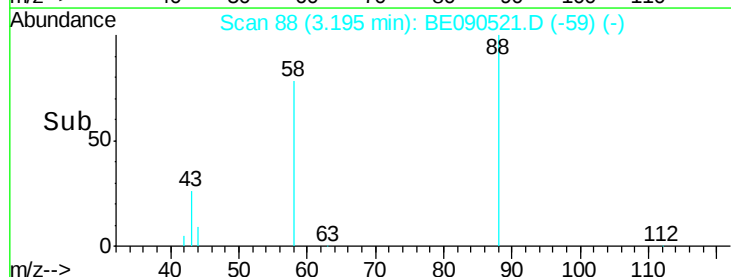
43 32.1 28.4 42.6

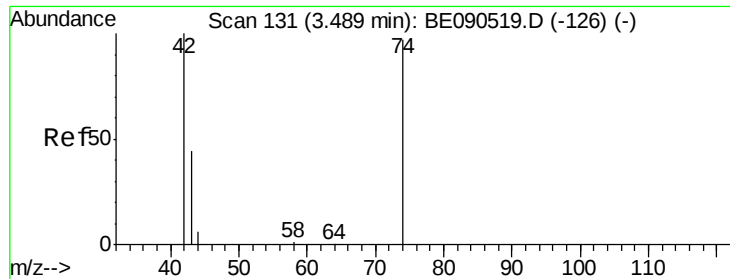


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



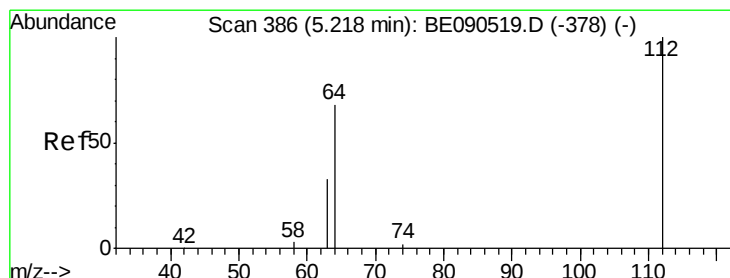
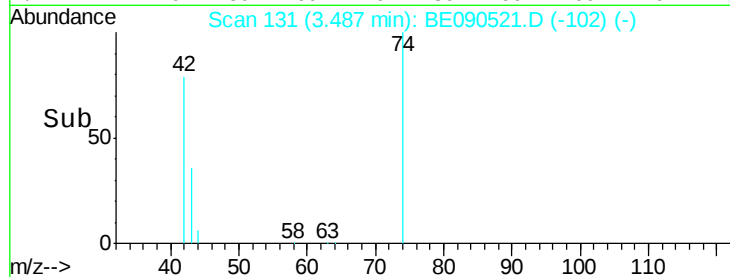
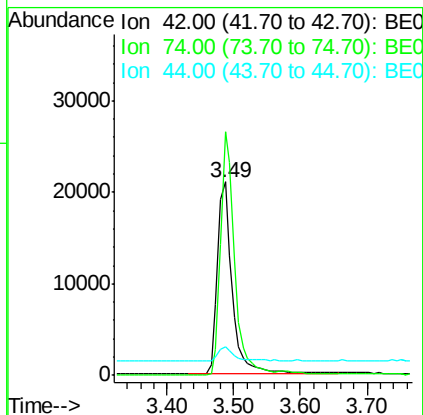
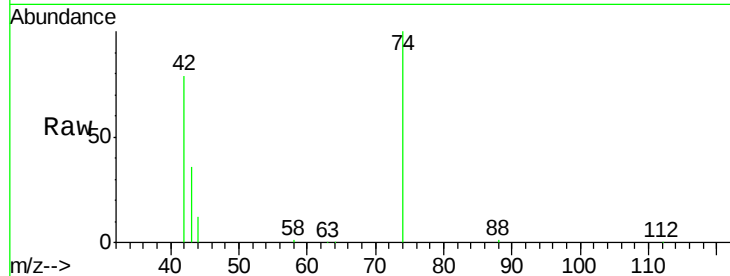


#3

n-Nitrosodimethylamine
 Concen: 4.48 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090521.D
 Acq: 14 Aug 2015 15:32

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

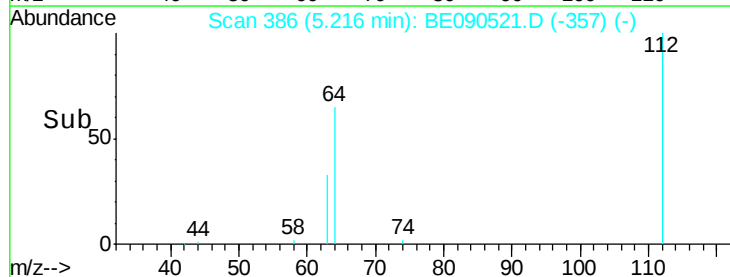
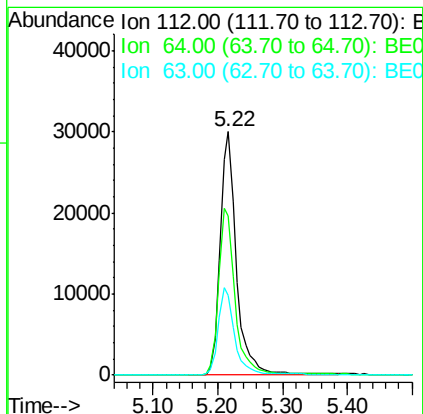
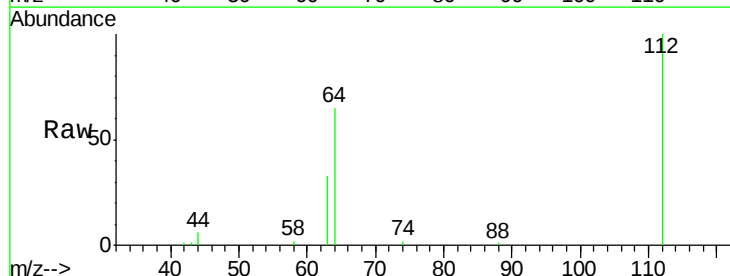
Tot Ion: 42 Resp: 31696
 Ion Ratio Lower Upper
 42 100
 74 120.4 75.2 112.8#
 44 7.7 8.7 13.1#

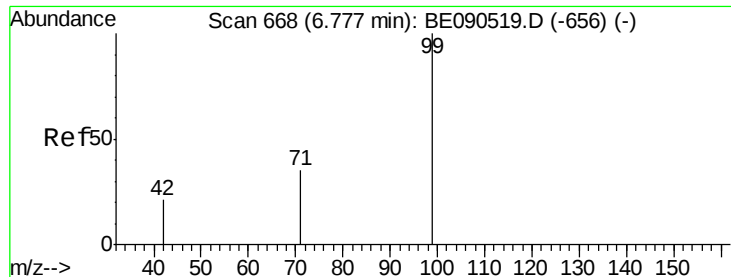


#4

2-Fluorophenol
 Concen: 4.29 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090521.D
 Acq: 14 Aug 2015 15:32

Tgt Ion: 112 Resp: 51838
 Ion Ratio Lower Upper
 112 100
 64 69.6 37.1 55.7#
 63 35.7 19.5 29.3#





#5

Phenol-d6

Concen: 4.77 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

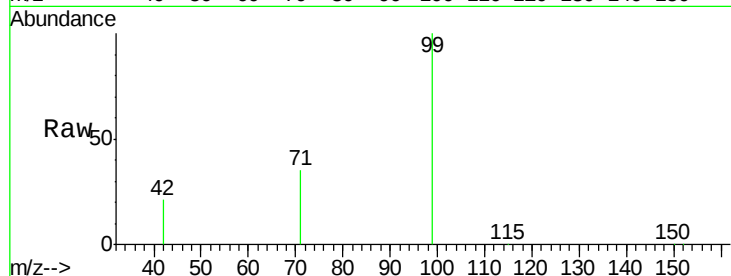
Tot Ion: 99 Resp: 81536

Ion Ratio Lower Upper

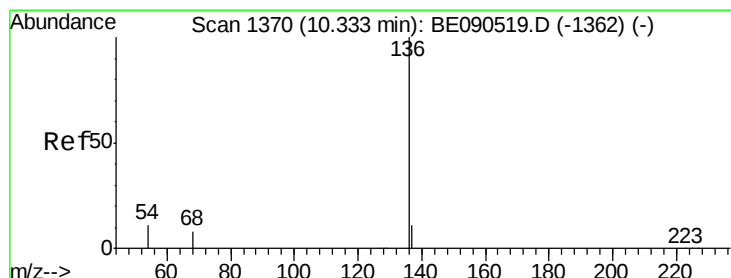
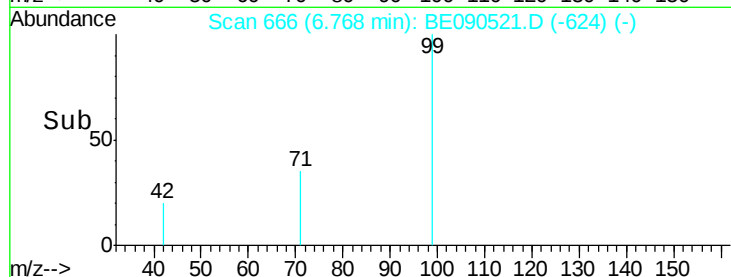
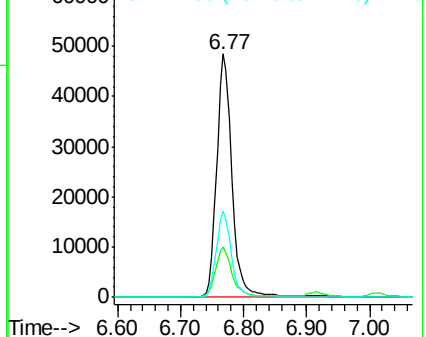
99 100

42 21.3 18.2 27.4

71 34.8 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: BE090521.D

Acq: 14 Aug 2015 15:32

Tgt Ion: 136 Resp: 190427

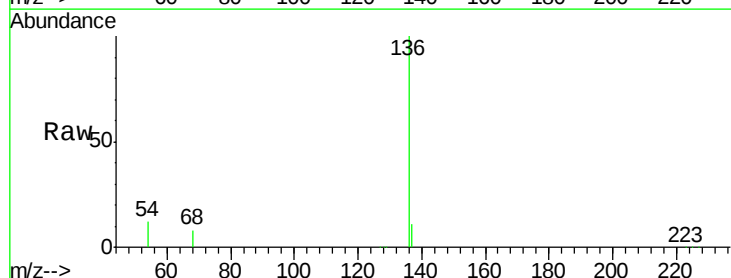
Ion Ratio Lower Upper

136 100

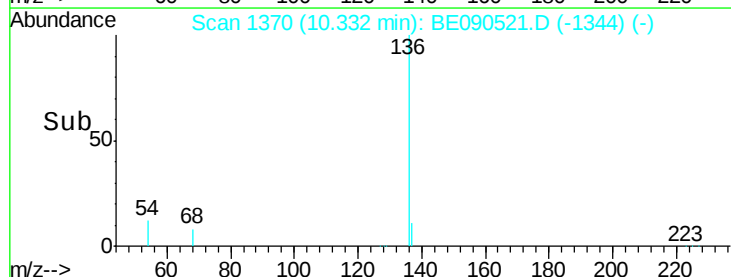
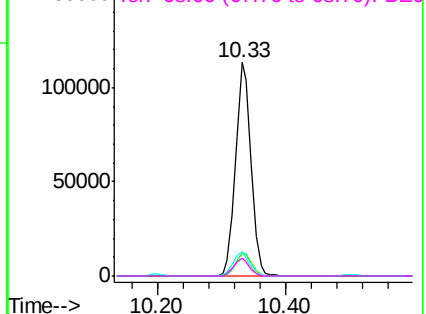
137 10.8 8.7 13.1

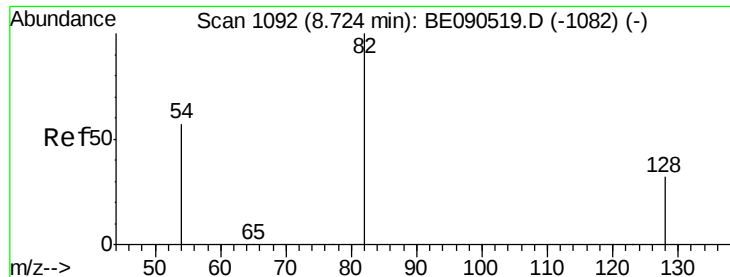
54 11.6 9.4 14.0

68 8.4 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: 5.14 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

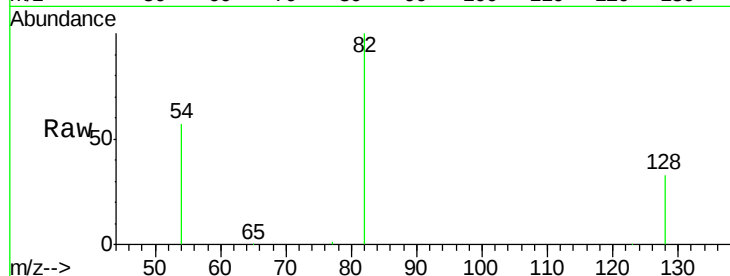
Tot Ion: 82 Resp: 77393

Ion Ratio Lower Upper

82 100

128 32.7 25.0 37.6

54 56.5 48.8 73.2

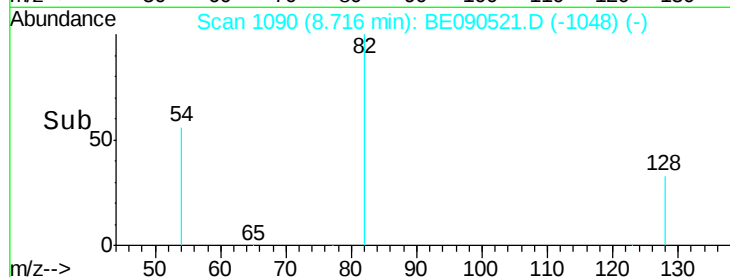


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



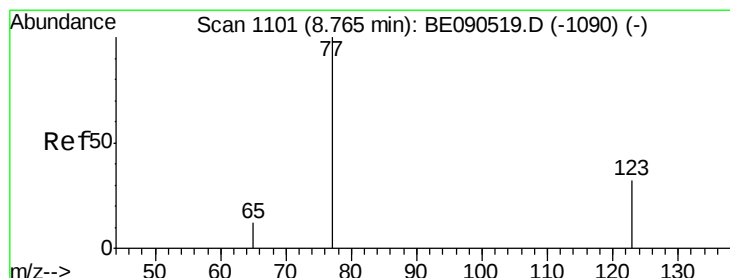
Abundance

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

Time-->



#8

Nitrobenzene

Concen: 5.28 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

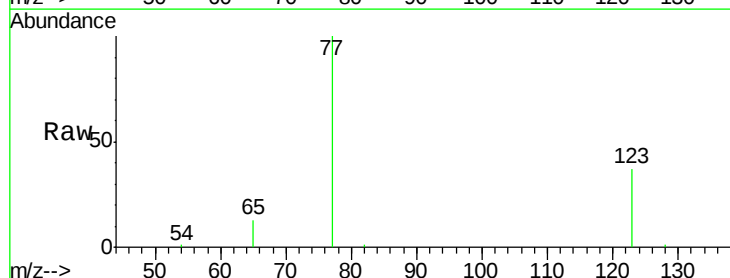
Tgt Ion: 77 Resp: 81537

Ion Ratio Lower Upper

77 100

123 35.6 25.1 37.7

65 13.2 9.3 13.9

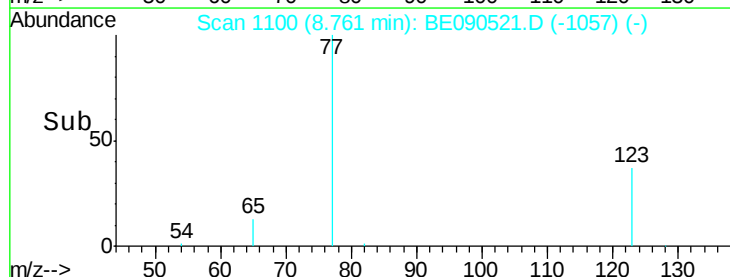


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->



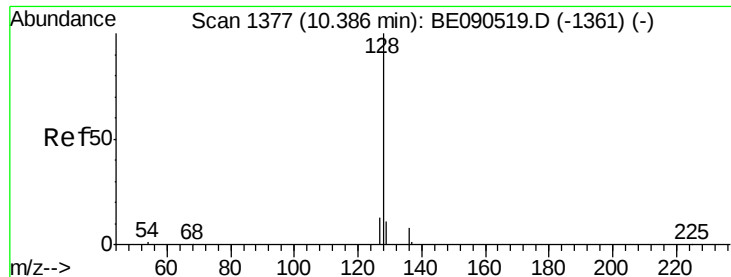
Abundance

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

Time-->



#9

Naphthalene

Concen: 4.22 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

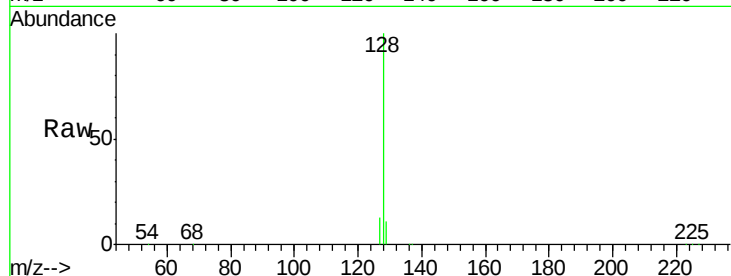
Tot Ion:128 Resp: 194255

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

127 12.9 10.6 16.0

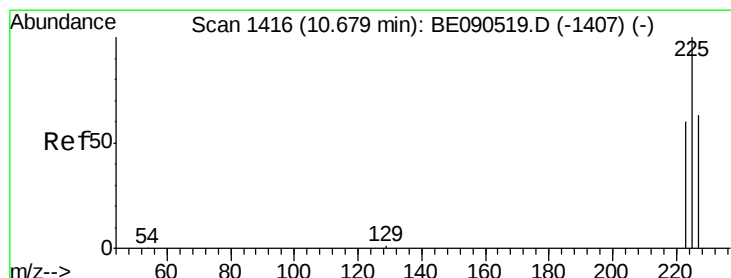
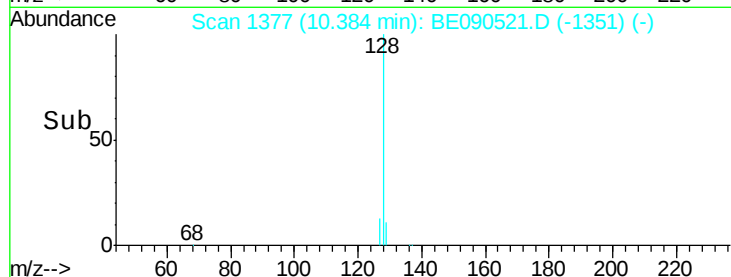
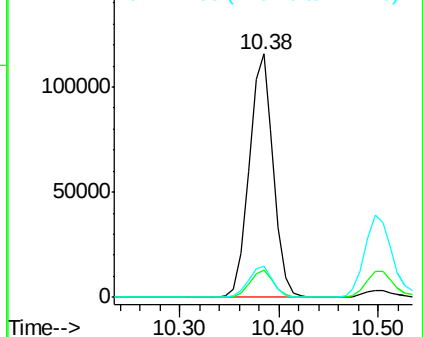


Abundance

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: 4.22 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

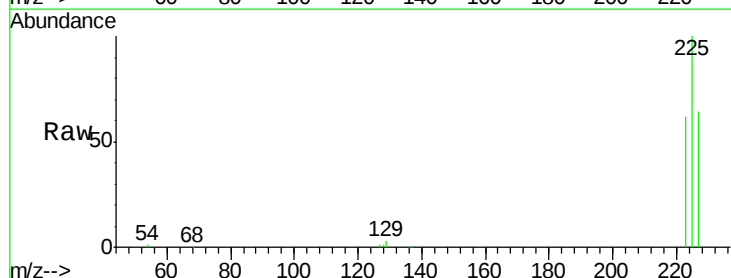
Tgt Ion:225 Resp: 28505

Ion Ratio Lower Upper

225 100

223 62.9 50.6 75.8

227 63.8 50.7 76.1

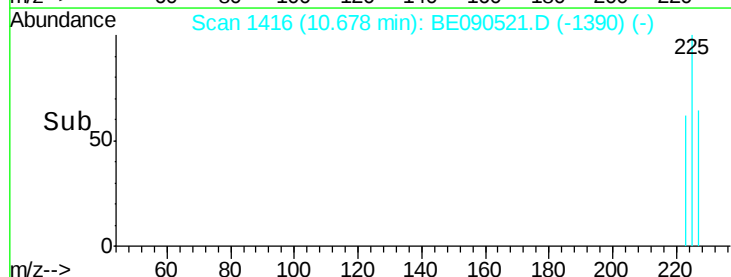
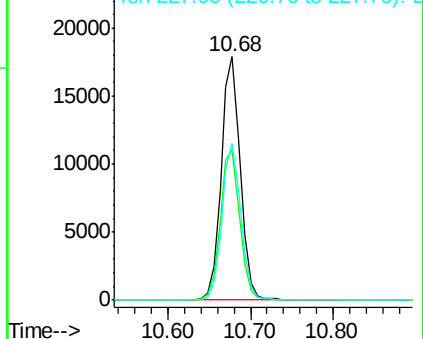


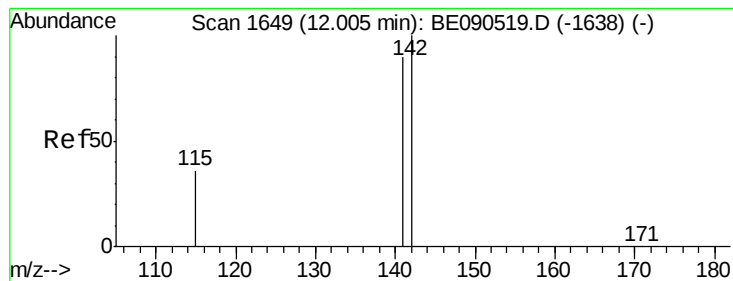
Abundance

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: 4.45 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC005

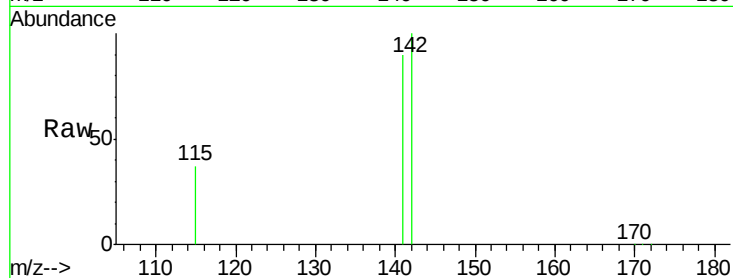
Tot Ion:142 Resp: 131086

Ion Ratio Lower Upper

142 100

141 89.6 72.6 109.0

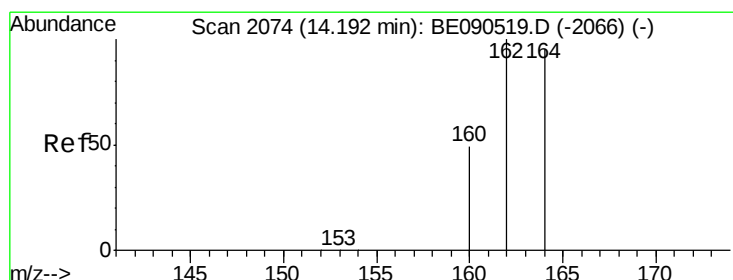
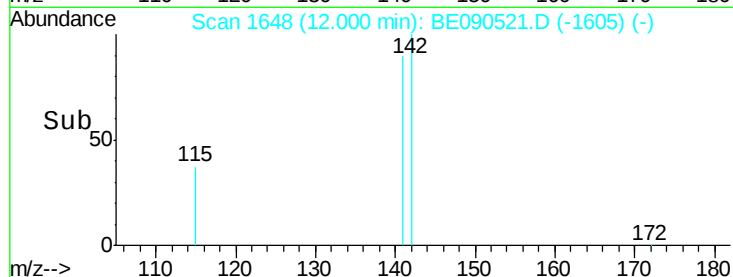
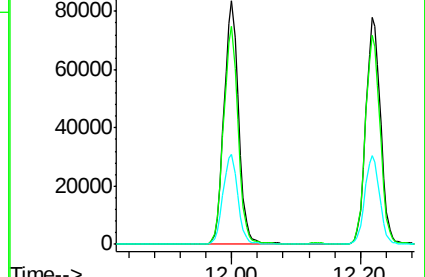
115 37.0 31.6 47.4



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. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

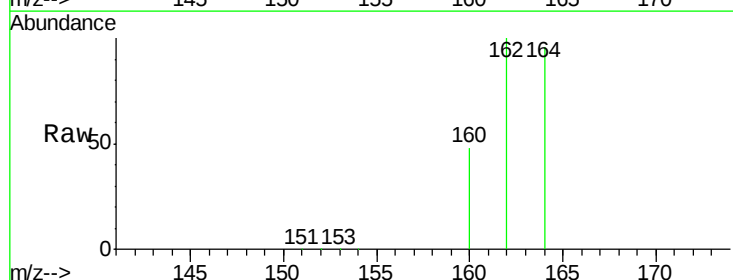
Tgt Ion:164 Resp: 102307

Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.8

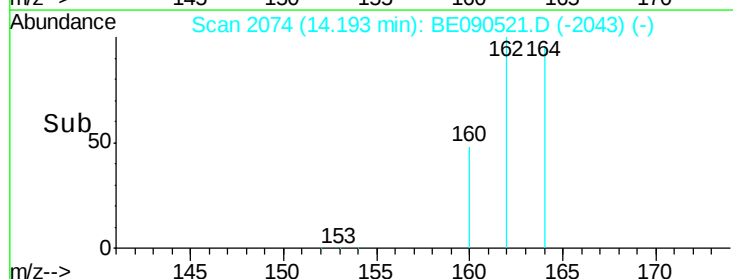
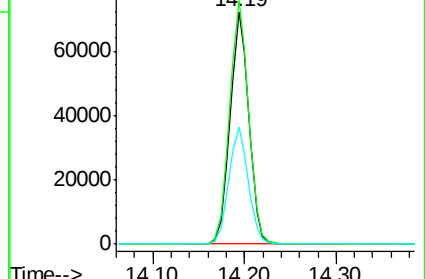
160 50.2 44.2 66.4

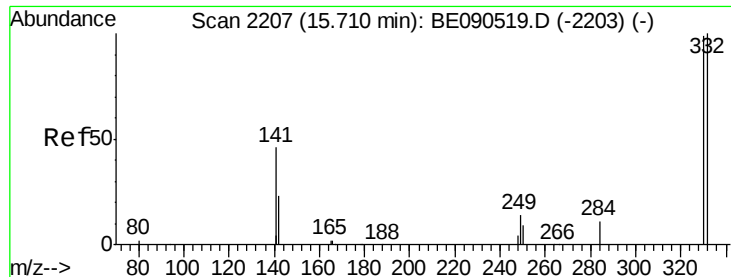


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

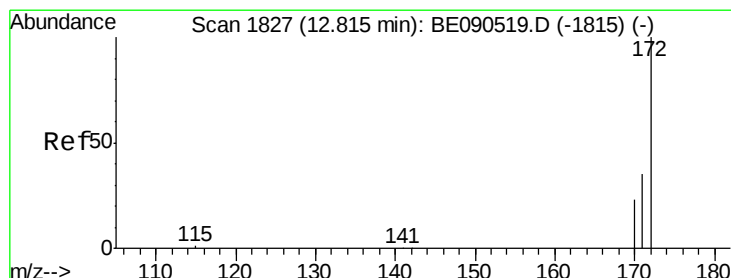
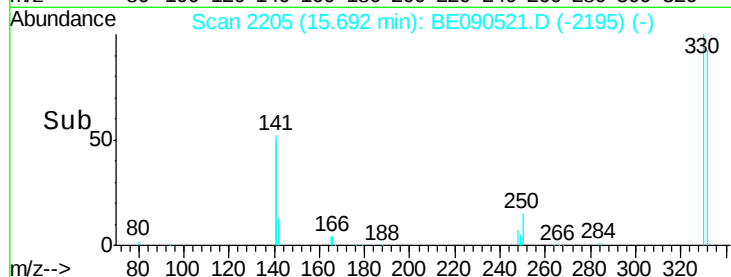
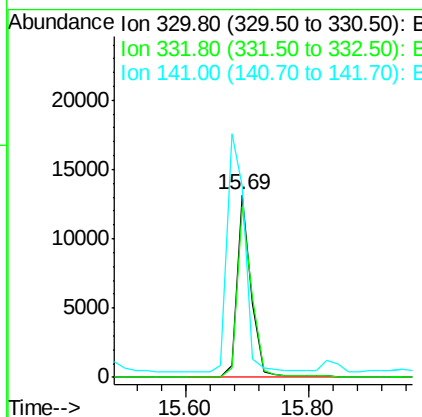
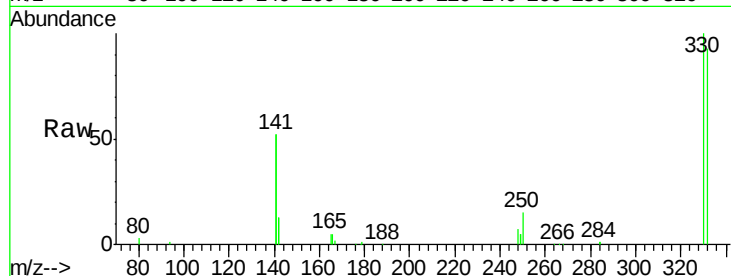




#13
 2,4,6-Tribromophenol
 Concen: 5.48 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090521.D
 Acq: 14 Aug 2015 15:32

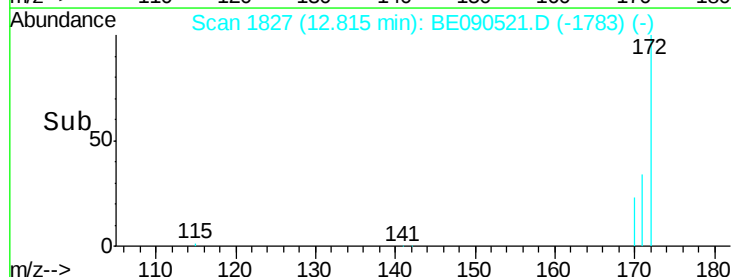
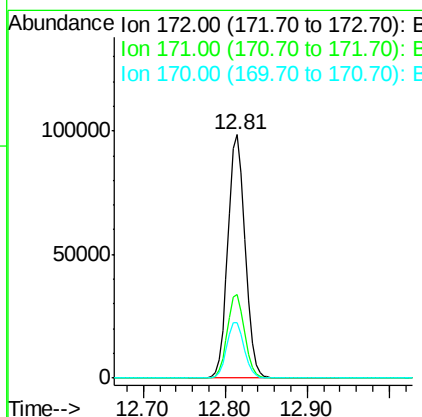
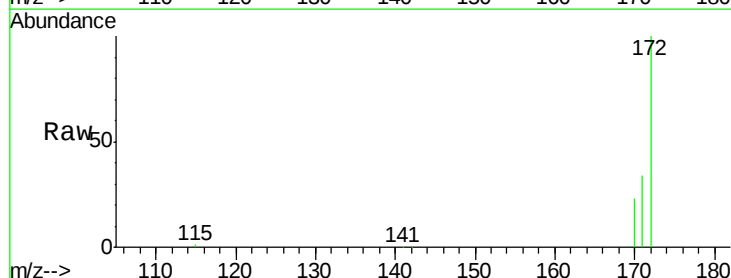
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC005

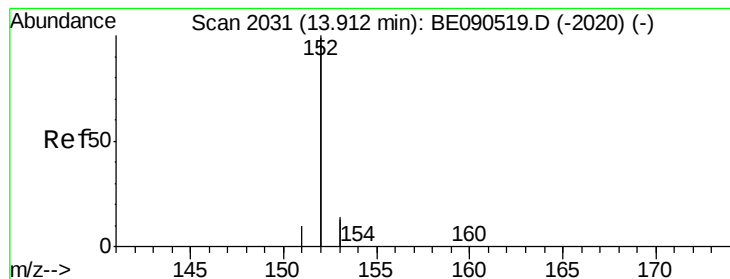
Tot Ion:330 Resp: 20946
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 164.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 4.46 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090521.D
 Acq: 14 Aug 2015 15:32

Tgt Ion:172 Resp: 142556
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 23.0 19.8 29.8





#15

Acenaphthylene

Concen: 4.53 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

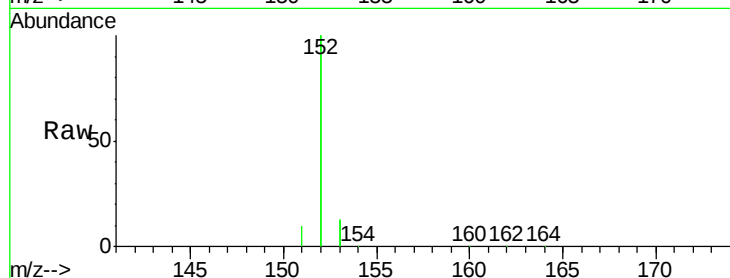
Tot Ion:152 Resp: 880730

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

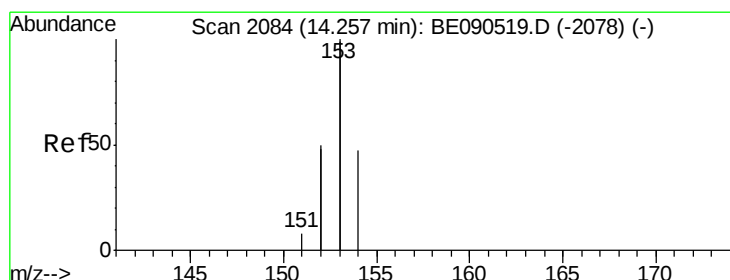
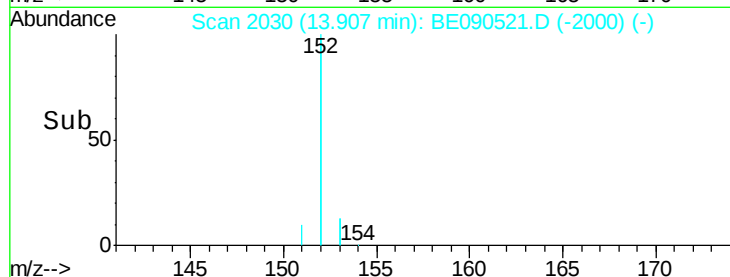
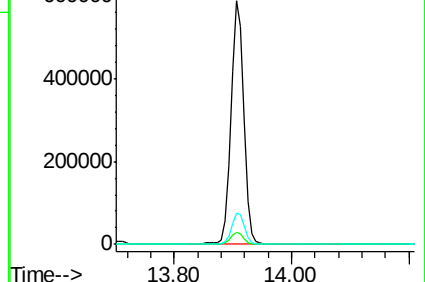
153 13.1 10.3 15.5



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: 4.35 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

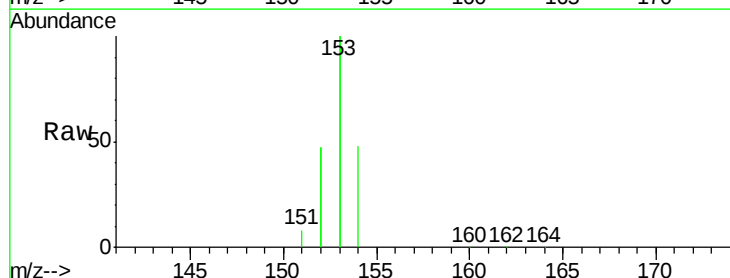
Tgt Ion:154 Resp: 129028

Ion Ratio Lower Upper

154 100

153 436.7 376.2 564.2

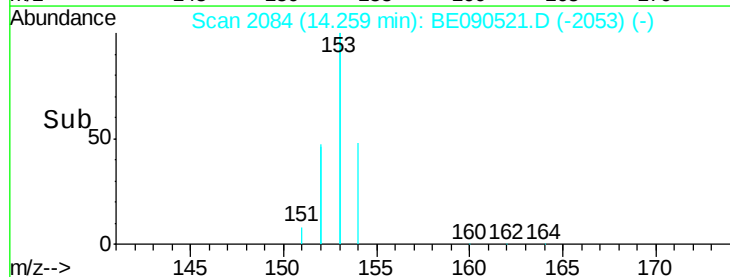
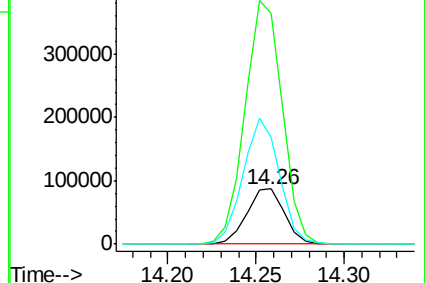
152 219.6 235.0 352.4#

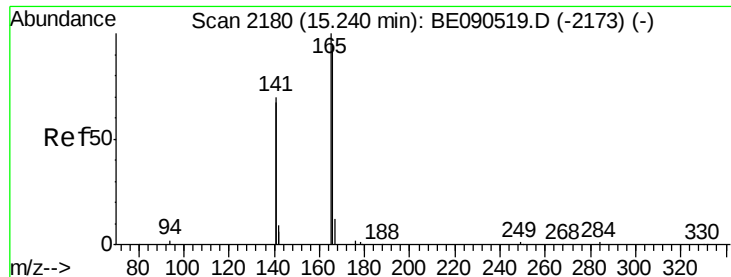


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 4.36 ng

RT: 15.24 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDICC005

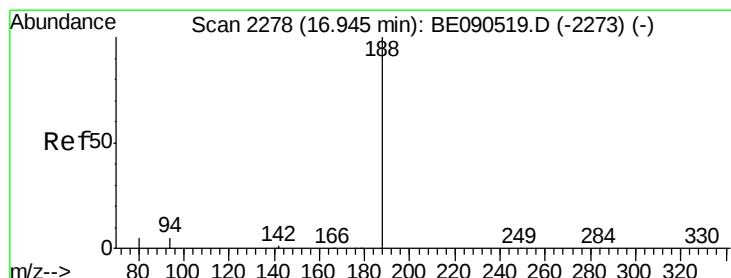
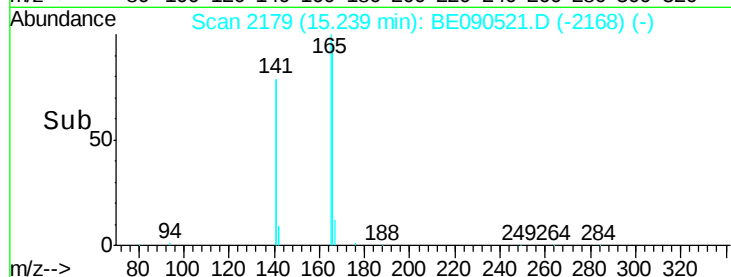
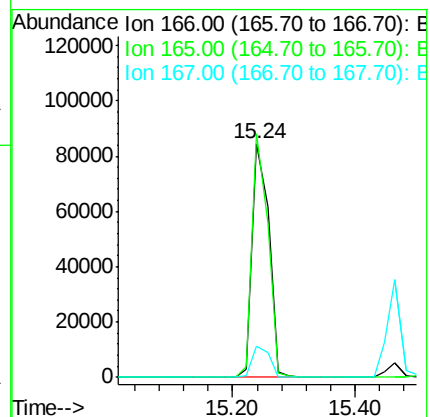
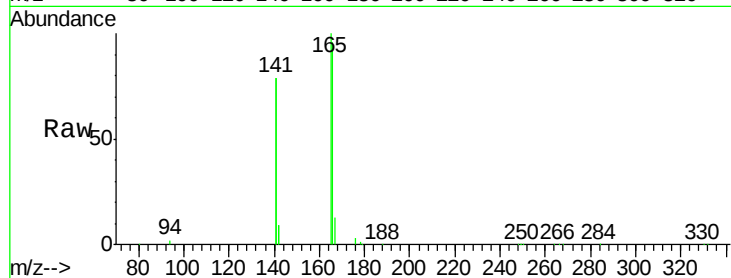
Tot Ion:166 Resp: 158676

Ion Ratio Lower Upper

166 100

165 98.8 81.5 122.3

167 13.6 11.4 17.0



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

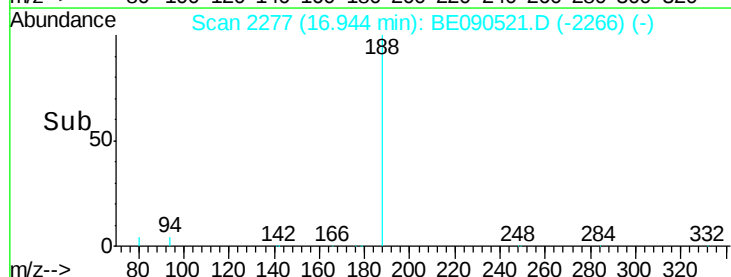
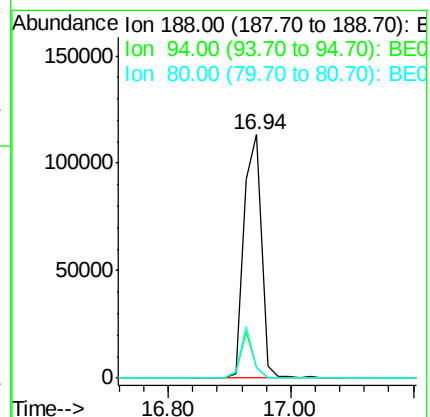
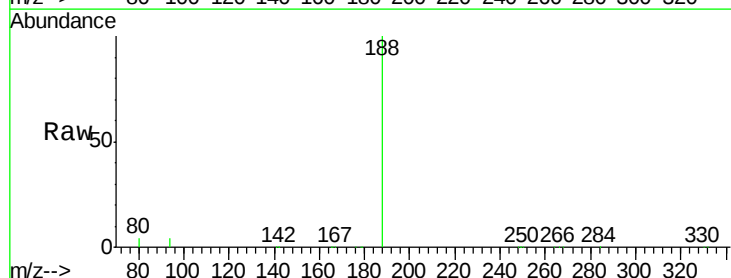
Tgt Ion:188 Resp: 225406

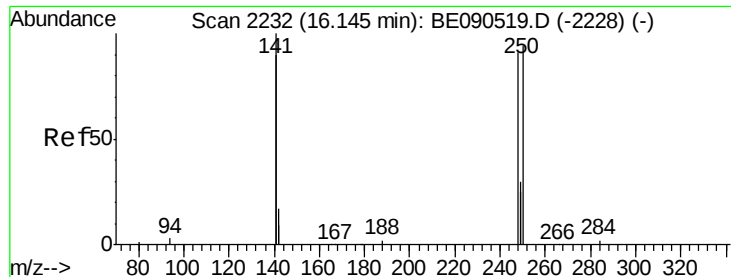
Ion Ratio Lower Upper

188 100

94 4.4 5.7 8.5#

80 4.3 5.8 8.8#

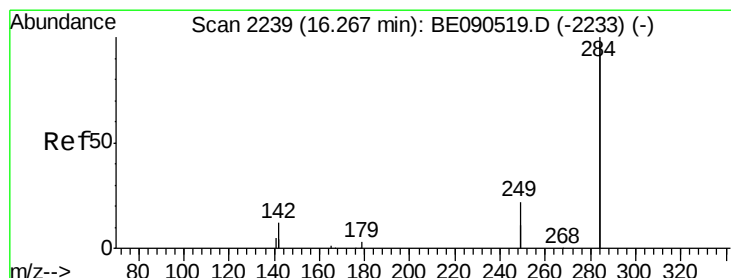
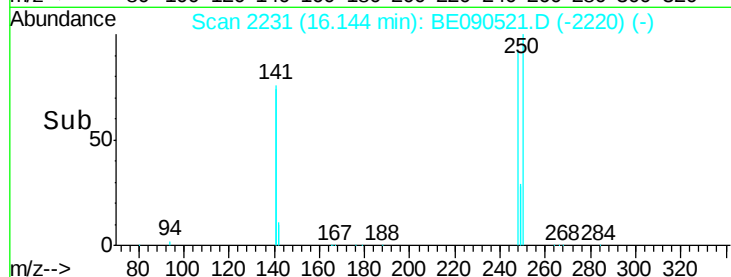
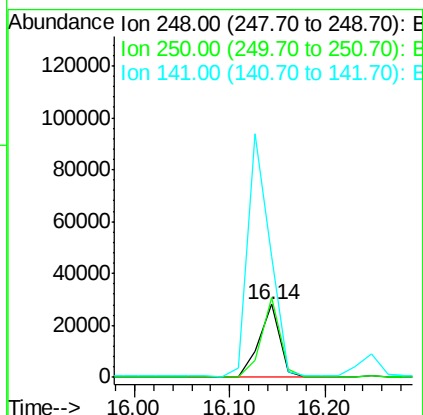
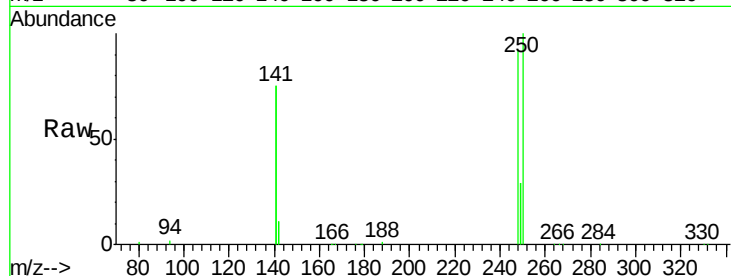




#19
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090521.D
Acq: 14 Aug 2015 15:32

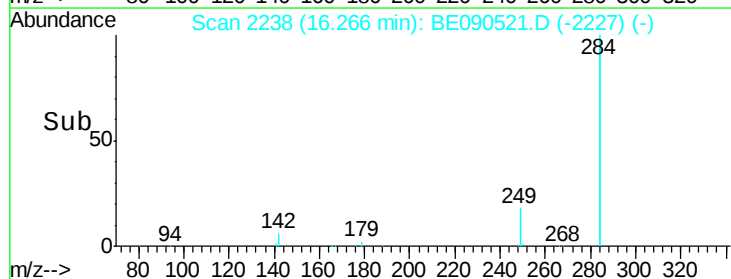
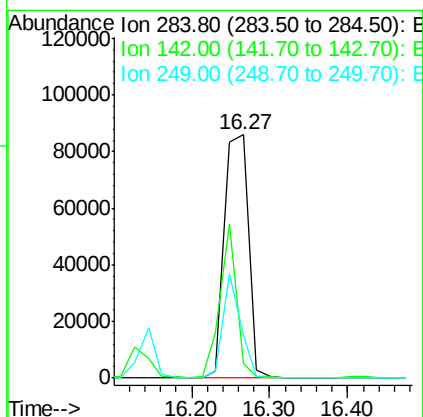
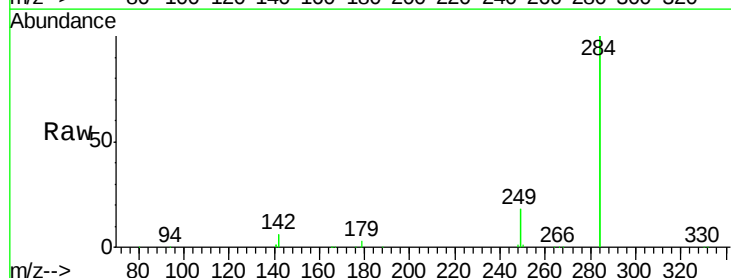
Instrument :
BNA_E
ClientSampleId :
SSTDIC005

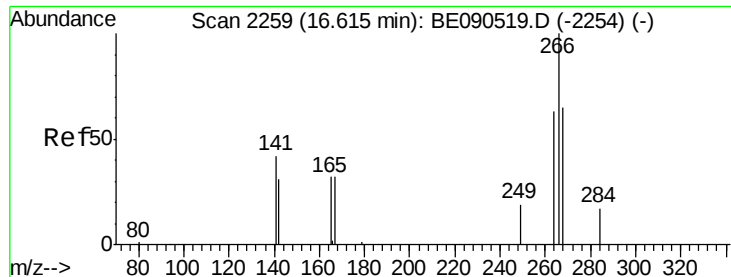
Tot Ion:248 Resp: 42495
Ion Ratio Lower Upper
248 100
250 100.6 79.0 118.6
141 357.4 239.5 359.3



#20
Hexachlorobenzene
Concen: 4.19 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090521.D
Acq: 14 Aug 2015 15:32

Tgt Ion:284 Resp: 182292
Ion Ratio Lower Upper
284 100
142 42.9 30.1 45.1
249 31.2 25.7 38.5





#21

Pentachlorophenol

Concen: 7.42 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

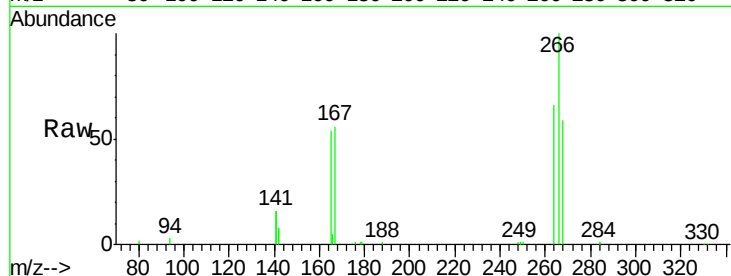
Tot Ion:266 Resp: 22443

Ion Ratio Lower Upper

266 100

268 59.3 58.5 87.7

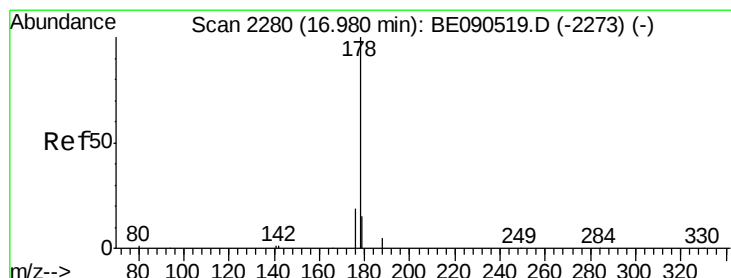
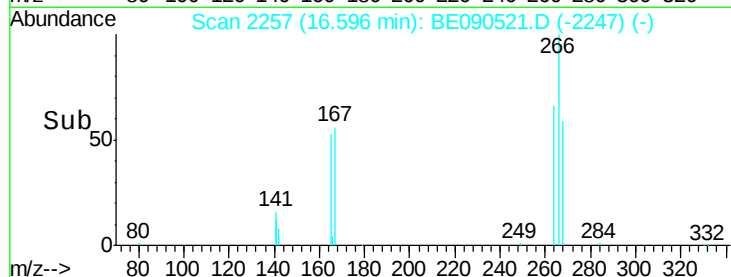
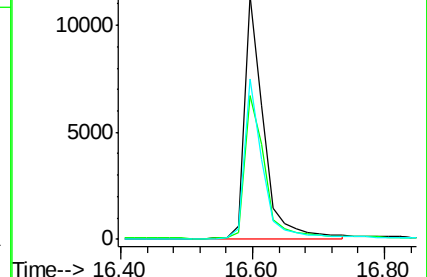
264 65.7 56.0 84.0



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: 4.17 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

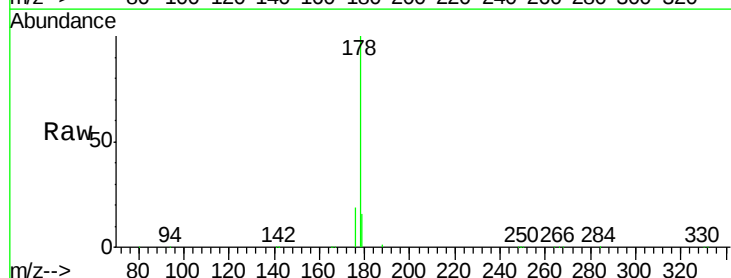
Tgt Ion:178 Resp: 263626

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

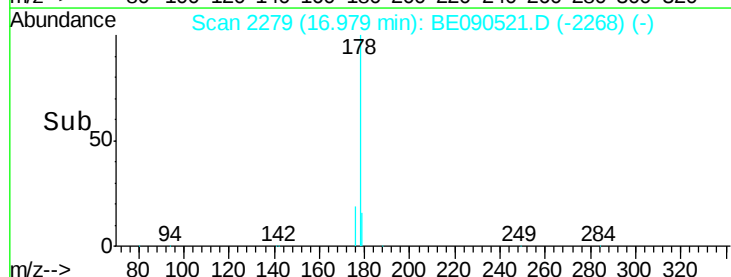
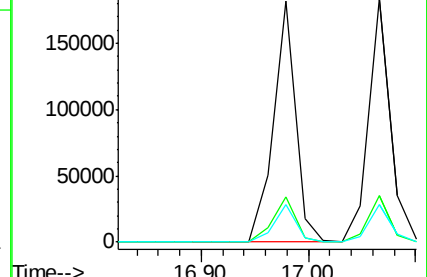
179 15.4 12.5 18.7

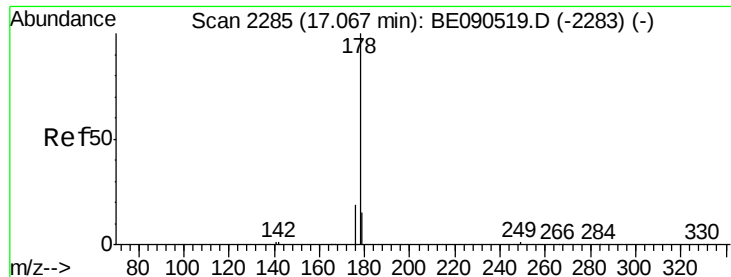


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.62 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

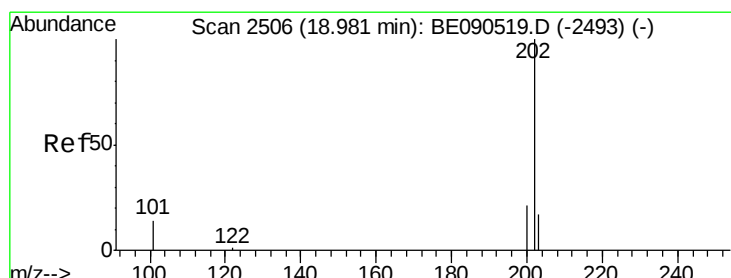
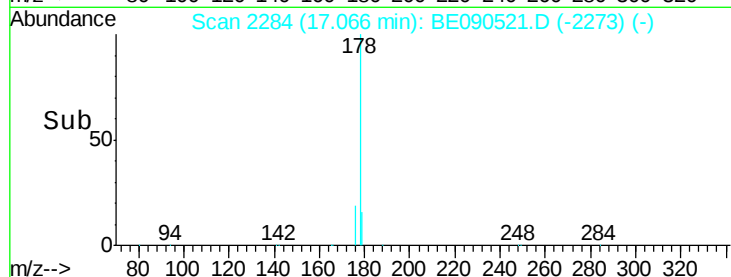
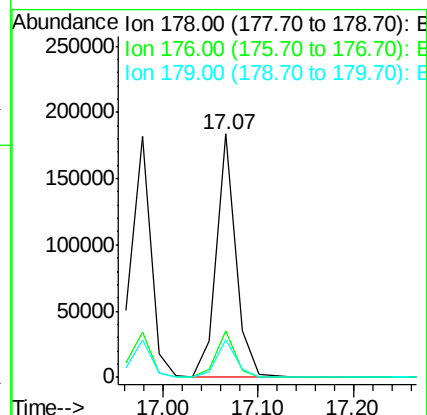
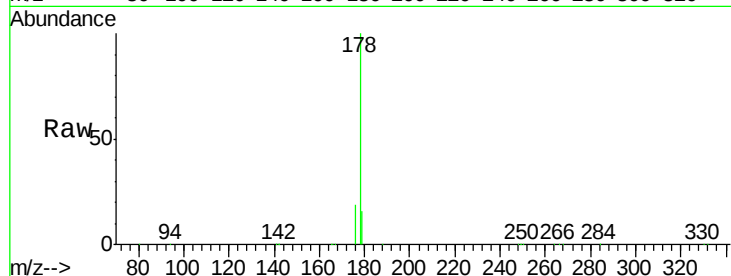
Tot Ion:178 Resp: 259827

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.5 12.2 18.4



#24

Fluoranthene

Concen: 4.51 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

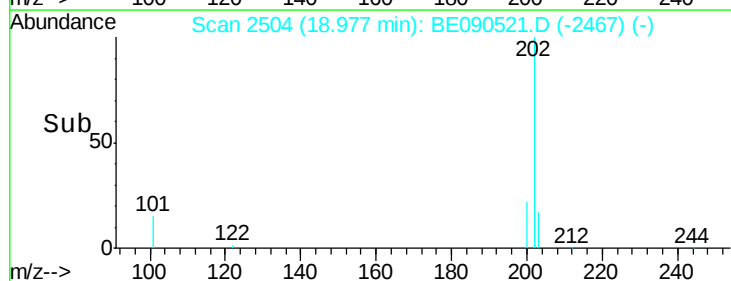
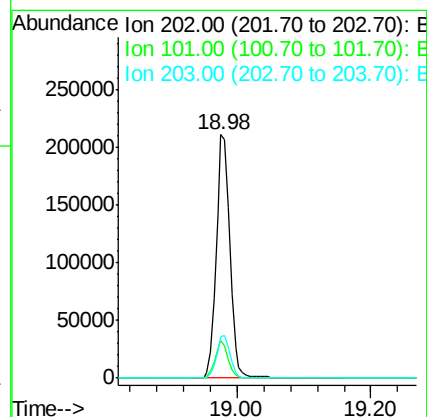
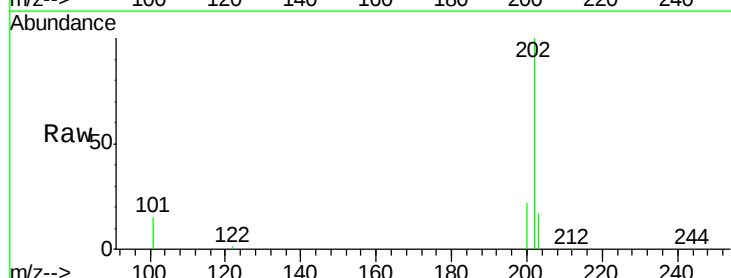
Tgt Ion:202 Resp: 296612

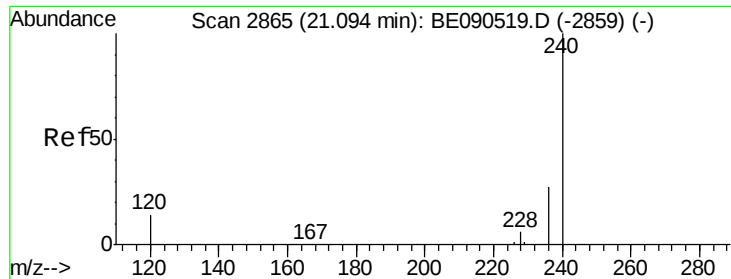
Ion Ratio Lower Upper

202 100

101 14.5 10.3 15.5

203 17.4 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: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

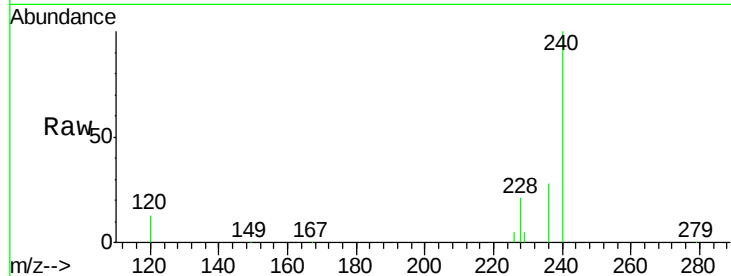
Tot Ion:240 Resp: 233470

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

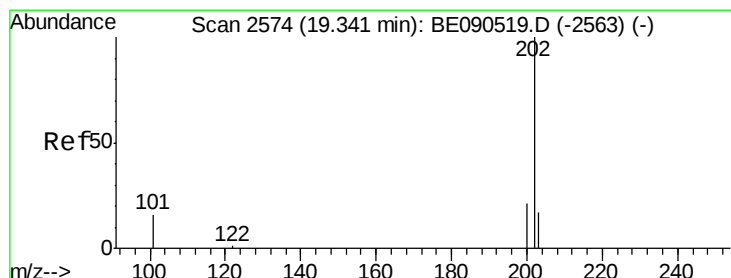
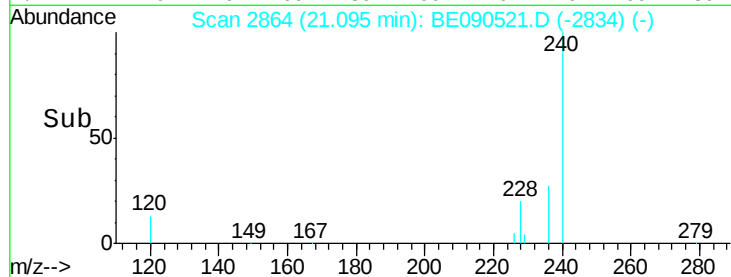
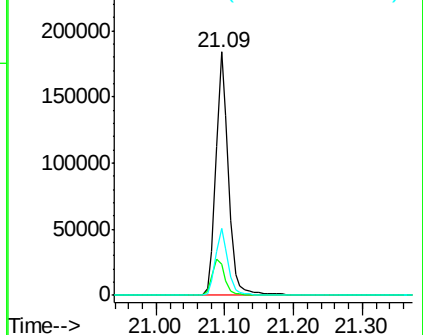
236 27.5 21.0 31.4



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: 4.40 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

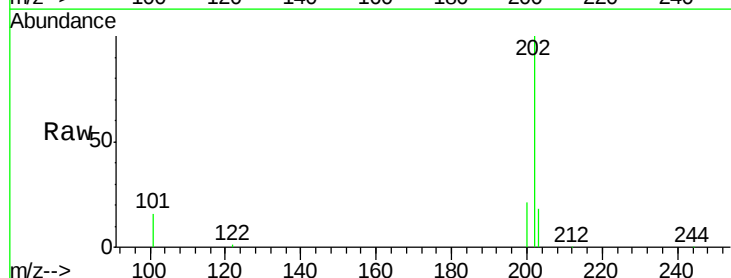
Tgt Ion:202 Resp: 307911

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

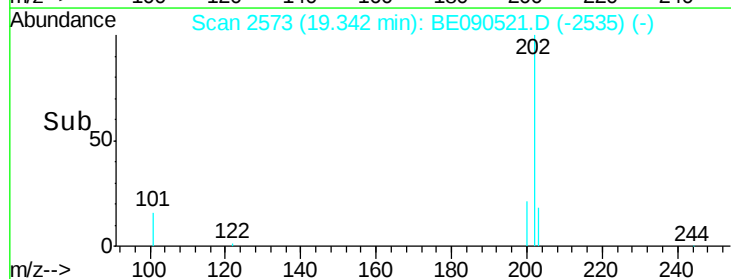
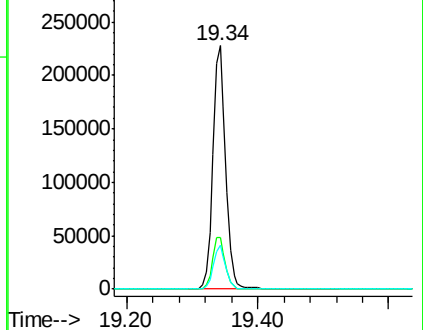
203 17.6 13.8 20.8

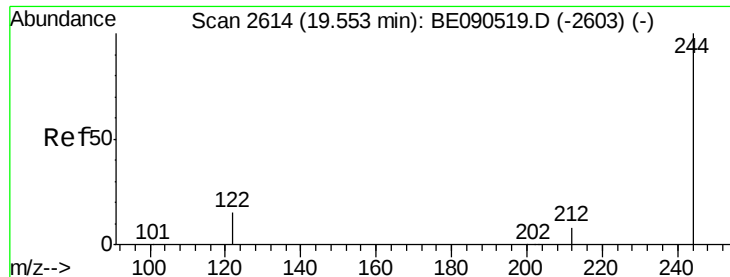


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.45 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

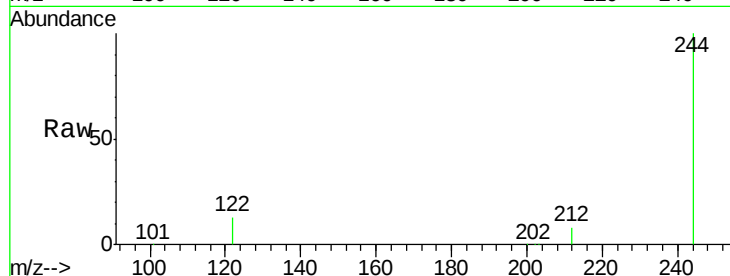
Tot Ion:244 Resp: 198618

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

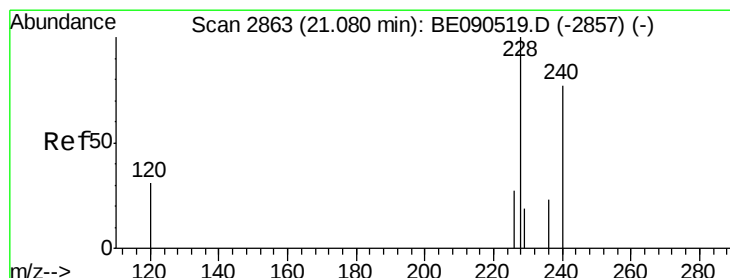
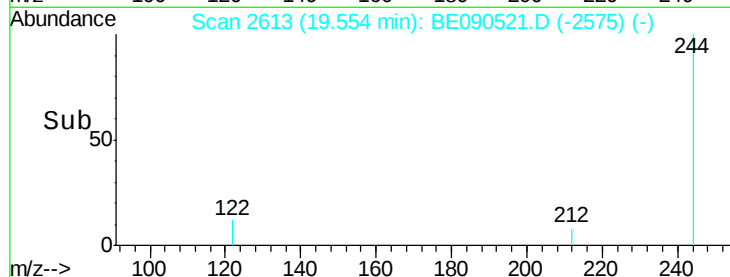
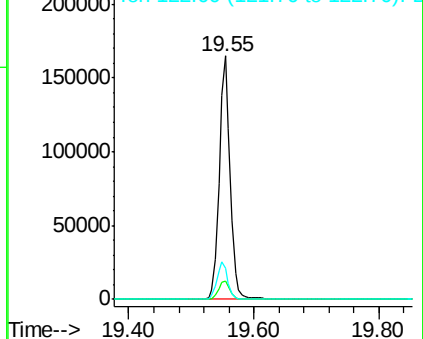
122 12.8 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 4.35 ng

RT: 21.08 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

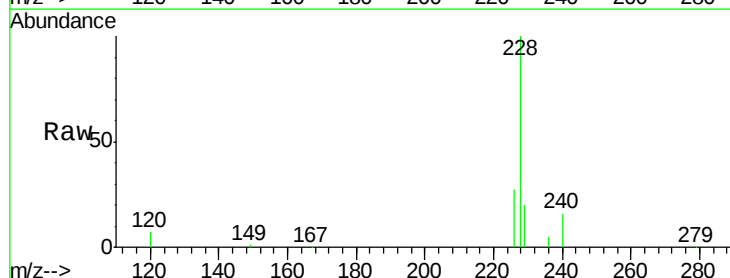
Tgt Ion:228 Resp: 281385

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

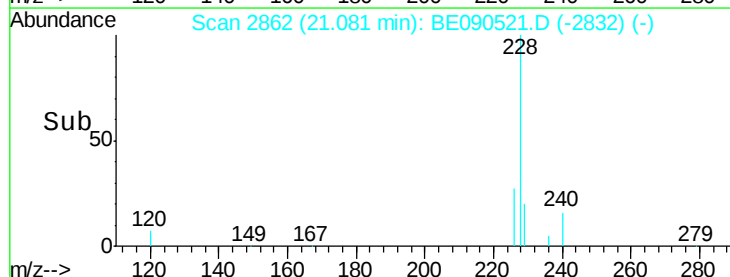
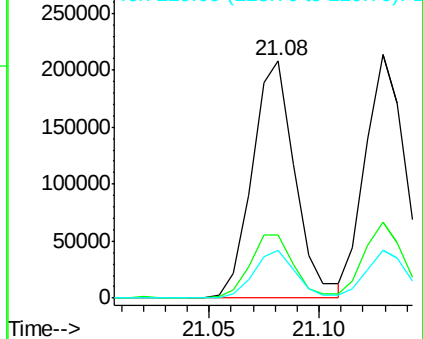
229 20.2 15.4 23.0

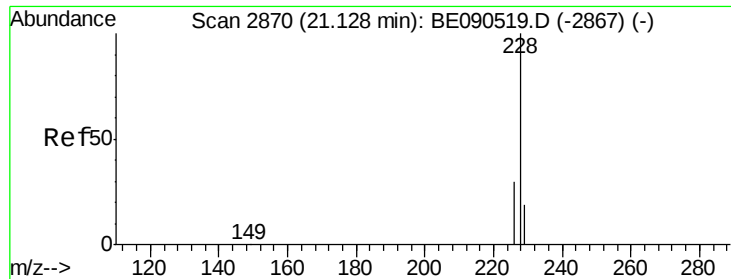


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 4.23 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

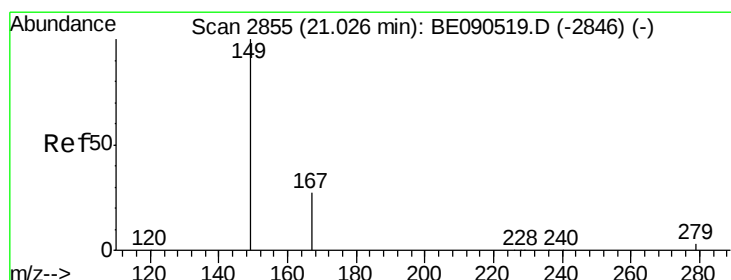
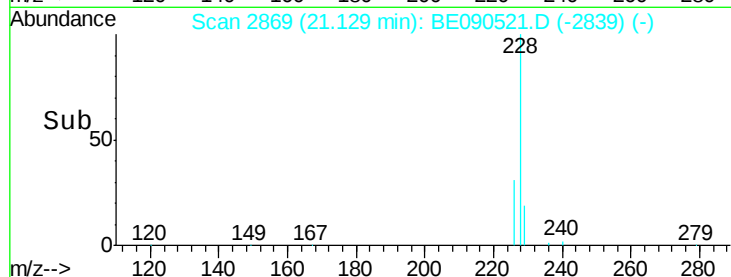
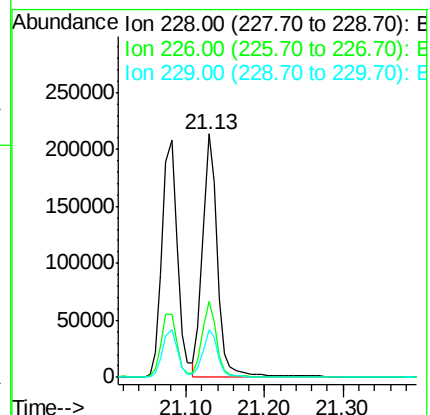
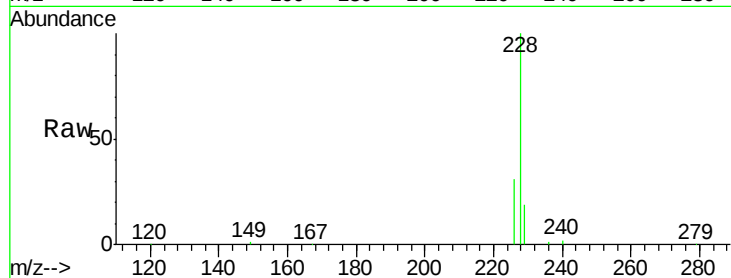
Tot Ion:228 Resp: 282000

Ion Ratio Lower Upper

228 100

226 31.1 23.1 34.7

229 19.5 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.32 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

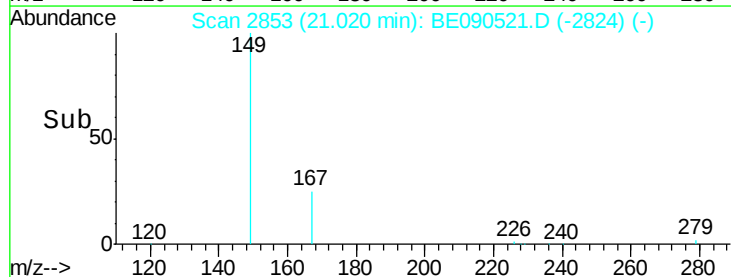
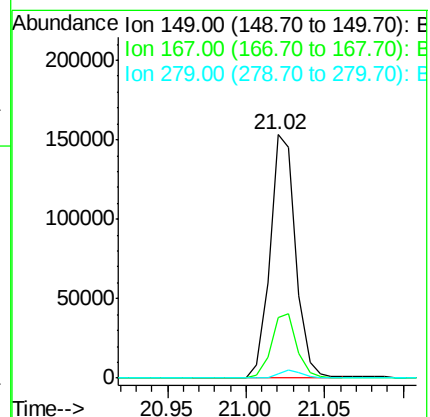
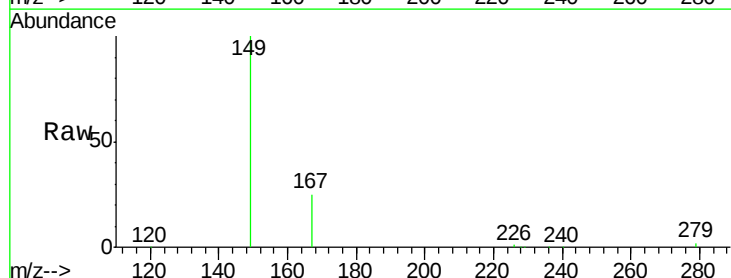
Tgt Ion:149 Resp: 176141

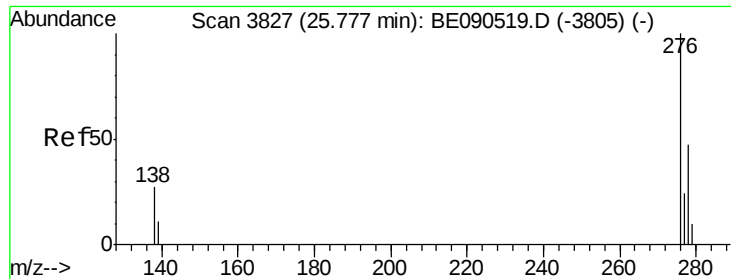
Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

279 3.1 2.4 3.6

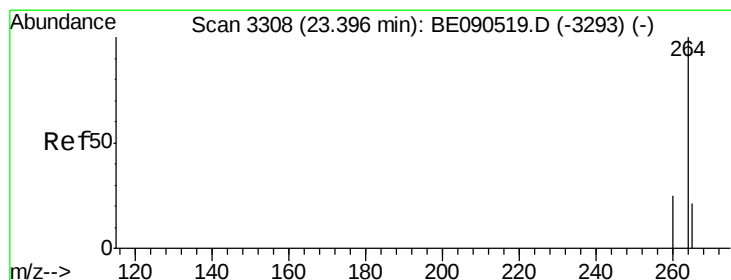
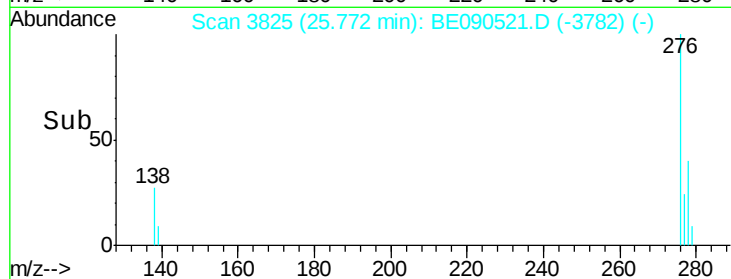
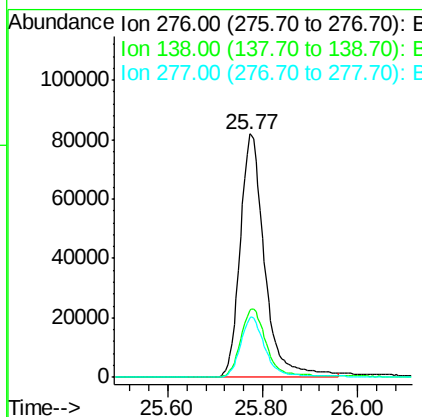
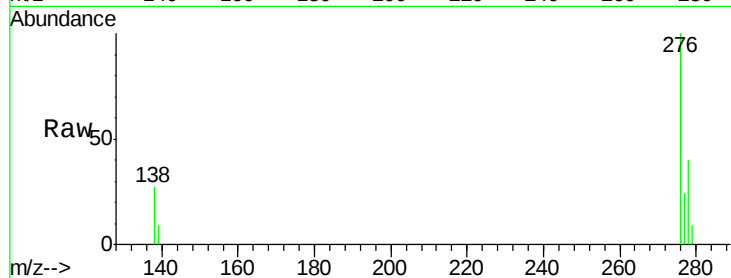




#31
Indeno(1,2,3-cd)pyrene
Concen: 4.89 ng
RT: 25.77 min Scan# 3825
Delta R.T. -0.00 min
Lab File: BE090521.D
Acq: 14 Aug 2015 15:32

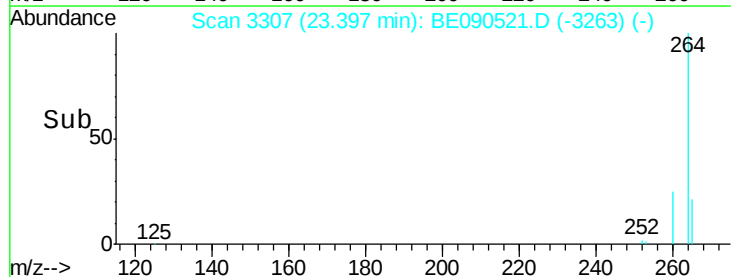
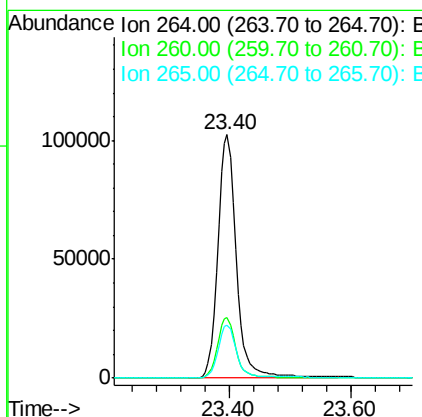
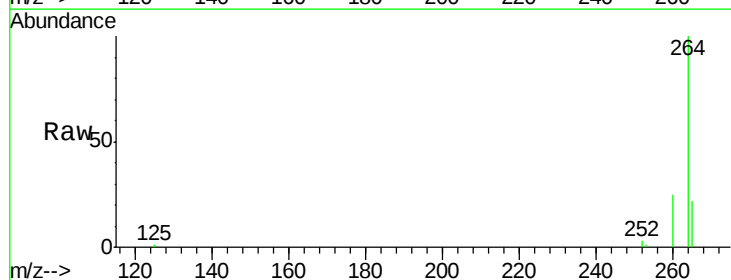
Instrument :
BNA_E
ClientSampleId :
SSTDIC005

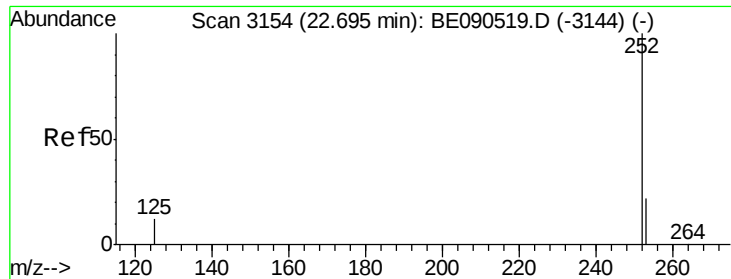
Tot Ion:276 Resp: 292407
Ion Ratio Lower Upper
276 100
138 29.7 18.8 28.2#
277 25.0 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BE090521.D
Acq: 14 Aug 2015 15:32

Tgt Ion:264 Resp: 217267
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 21.7 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 4.67 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

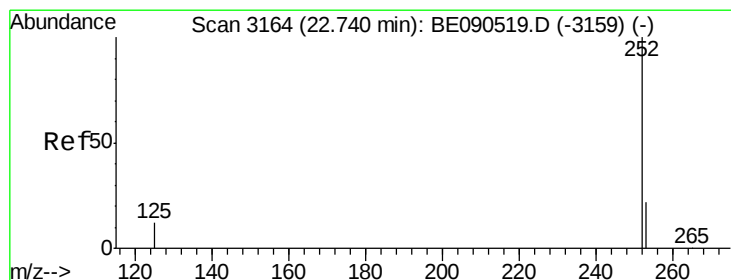
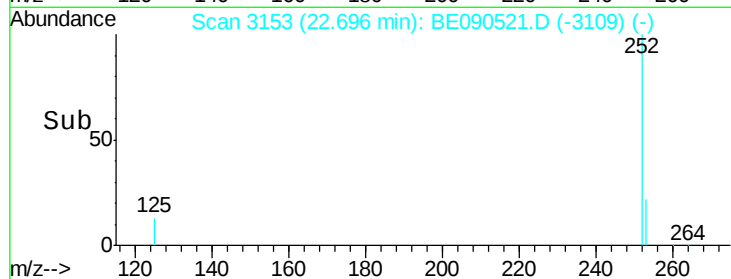
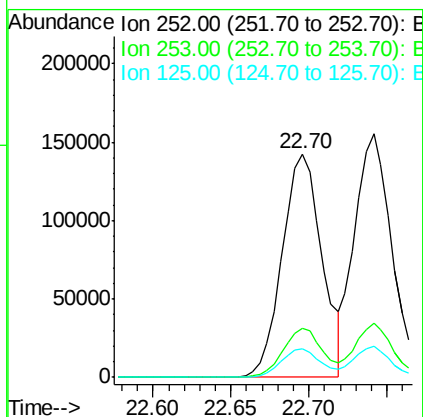
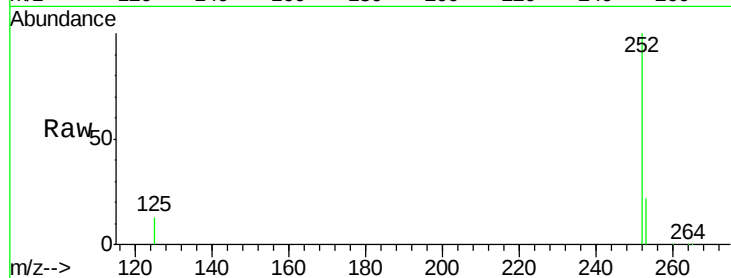
Instrument :

BNA_E

ClientSampleId :

SSTDIC005

Tot Ion:252	Resp:	250825
Ion Ratio	Lower	Upper
252	100	
253	22.1	18.1 27.1
125	12.7	9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 4.48 ng

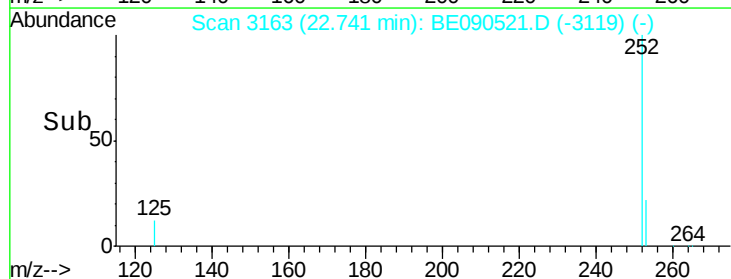
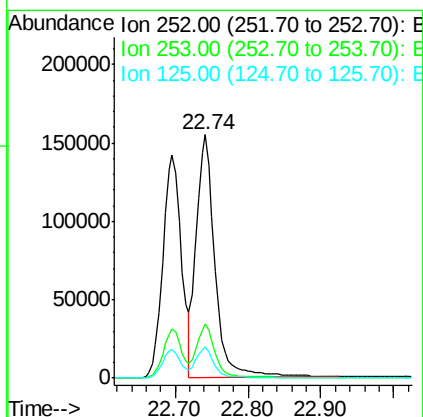
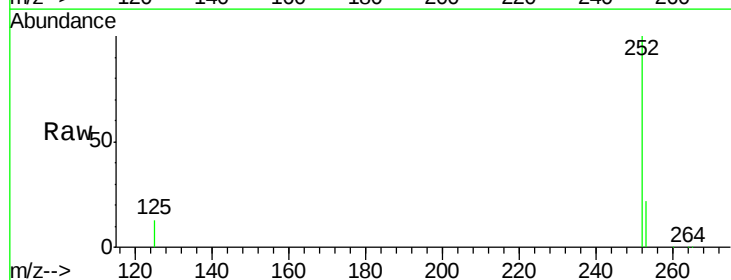
RT: 22.74 min Scan# 3163

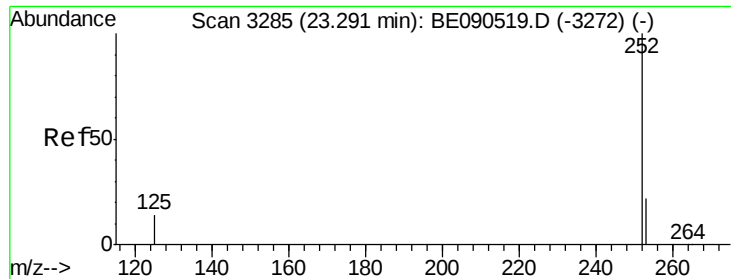
Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Tgt Ion:252	Resp:	273963
Ion Ratio	Lower	Upper
252	100	
253	22.0	18.1 27.1
125	12.6	9.1 13.7





#35

Benzo(a)pyrene

Concen: 4.75 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

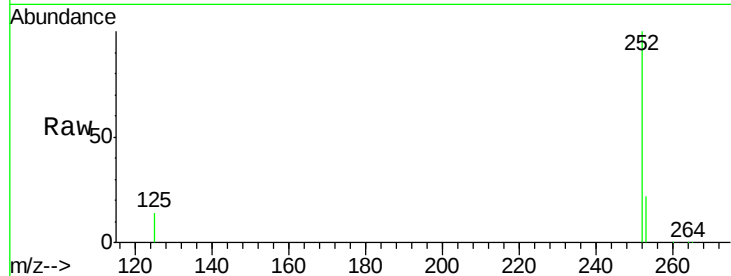
Tot Ion:252 Resp: 233035

Ion Ratio Lower Upper

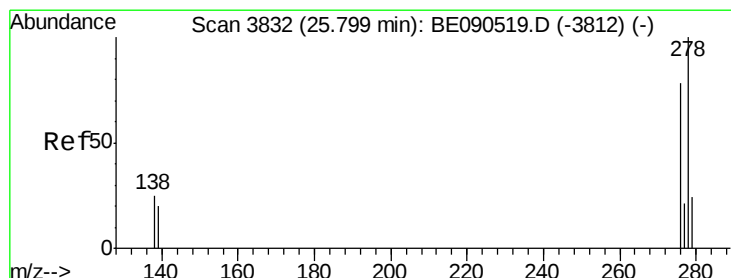
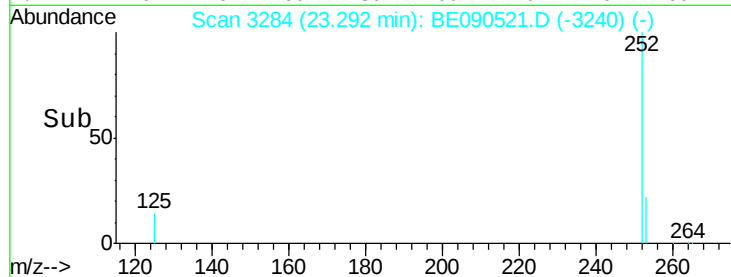
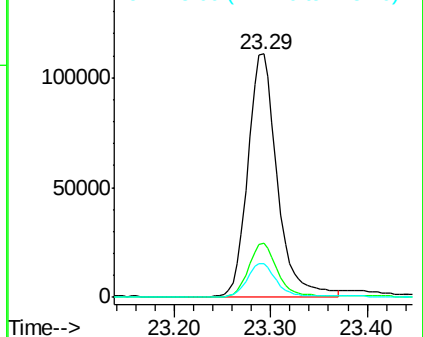
252 100

253 22.2 17.6 26.4

125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 5.00 ng

RT: 25.79 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

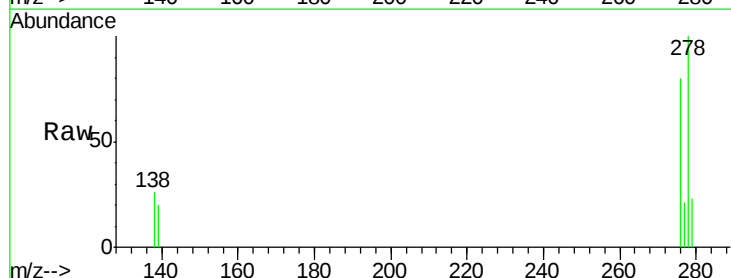
Tgt Ion:278 Resp: 233602

Ion Ratio Lower Upper

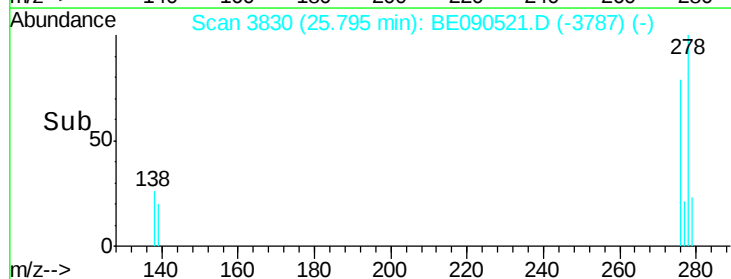
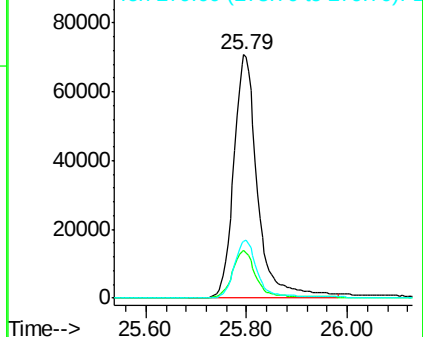
278 100

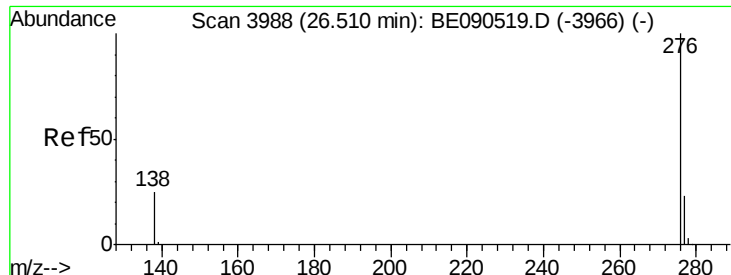
139 19.6 14.2 21.4

279 23.3 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 4.75 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090521.D

Acq: 14 Aug 2015 15:32

Instrument :

BNA_E

ClientSampleId :

SSTDIC005

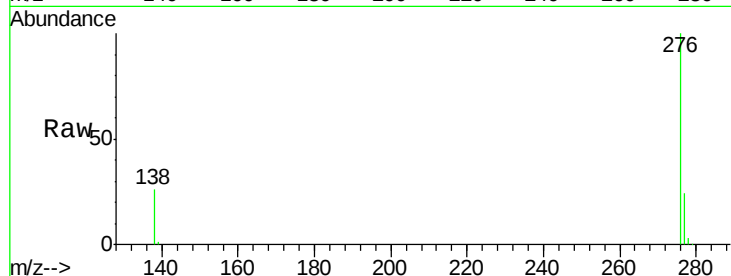
Tot Ion: 276 Resp: 246782

Ion Ratio Lower Upper

276 100

277 23.6 20.1 30.1

138 25.9 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

