

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
 Data File : BE090414.D
 Acq On : 10 Aug 2015 22:36
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 11 03:56:53 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

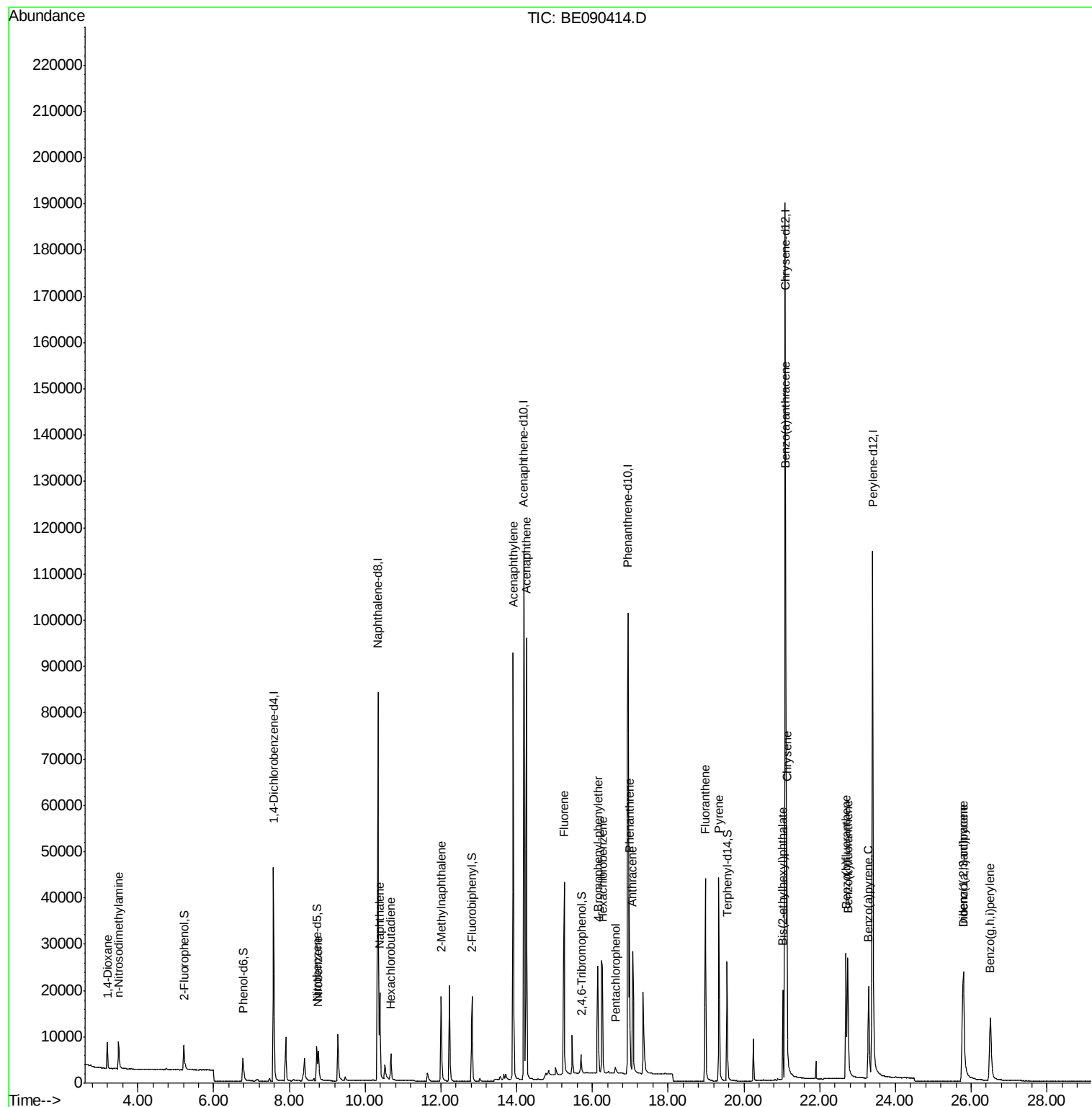
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24611	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	114782	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	68162	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	156396	5.00	ng	0.00
25) Chrysene-d12	21.10	240	183070	5.00	ng	0.00
32) Perylene-d12	23.40	264	169446	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	5782	1.57	ng	0.00
5) Phenol-d6	6.77	99	8594	1.29	ng	0.00
7) Nitrobenzene-d5	8.73	82	8613	1.09	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2236	1.77	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	20106	1.07	ng	0.00
27) Terphenyl-d14	19.56	244	31657	1.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3770	1.19	ng	89
3) n-Nitrosodimethylamine	3.49	42	4145	1.09	ng	# 82
8) Nitrobenzene	8.77	77	8774	1.05	ng	98
9) Naphthalene	10.38	128	25873	1.02	ng	98
10) Hexachlorobutadiene	10.69	225	4286	1.06	ng	99
11) 2-Methylnaphthalene	12.01	142	16769	1.14	ng	98
15) Acenaphthylene	13.91	152	121054	1.10	ng	100
16) Acenaphthene	14.26	154	17304	1.01	ng	90
17) Fluorene	15.26	166	23030	1.03	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	6466	1.06	ng	95
20) Hexachlorobenzene	16.27	284	29510	0.94	ng	98
21) Pentachlorophenol	16.61	266	1225	1.16	ng	95
22) Phenanthrene	16.98	178	39702	1.01	ng	100
23) Anthracene	17.07	178	36515	1.14	ng	100
24) Fluoranthene	18.98	202	44095	1.14	ng	99
26) Pyrene	19.35	202	45826	1.15	ng	100
28) Benzo(a)anthracene	21.08	228	44028	1.09	ng	100
29) Chrysene	21.13	228	50280m	1.03	ng	
30) Bis(2-ethylhexyl)phthalate	21.03	149	16761	1.61	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	38581	1.08	ng	95
33) Benzo(b)fluoranthene	22.70	252	35750	1.09	ng	99
34) Benzo(k)fluoranthene	22.74	252	45559m	0.97	ng	
35) Benzo(a)pyrene	23.29	252	32635	1.09	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	30265	1.09	ng	97
37) Benzo(g,h,i)perylene	26.51	276	34912	1.12	ng	97

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

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Instrument :
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Quant Time: Aug 11 03:56:53 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

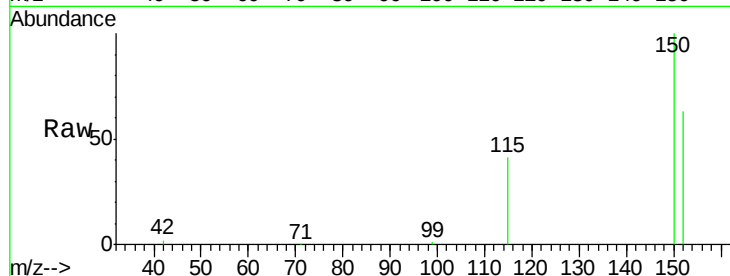
Tot Ion:152 Resp: 24611

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

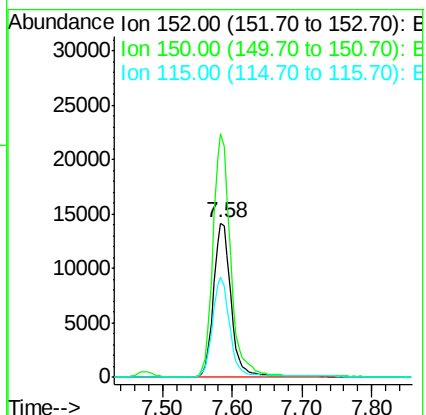
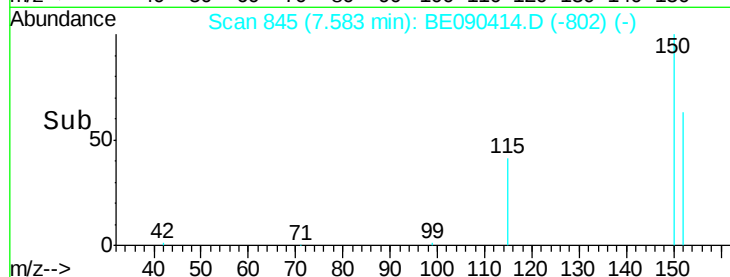
115 64.9 48.9 73.3



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: 1.19 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

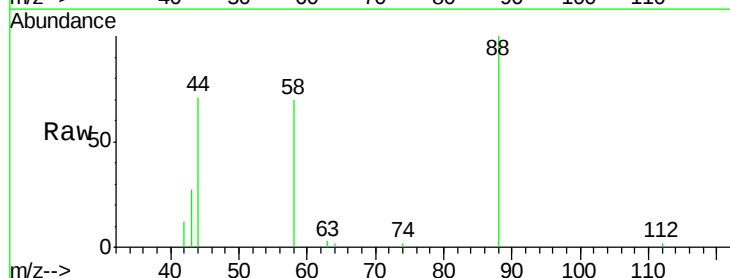
Tgt Ion: 88 Resp: 3770

Ion Ratio Lower Upper

88 100

58 76.7 70.0 105.0

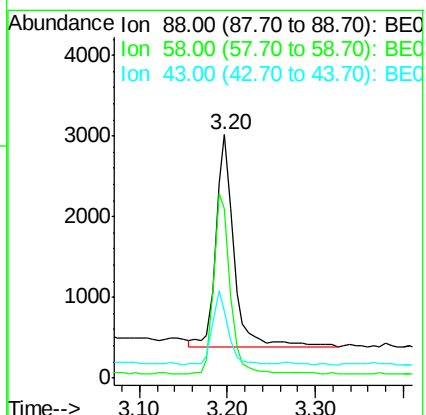
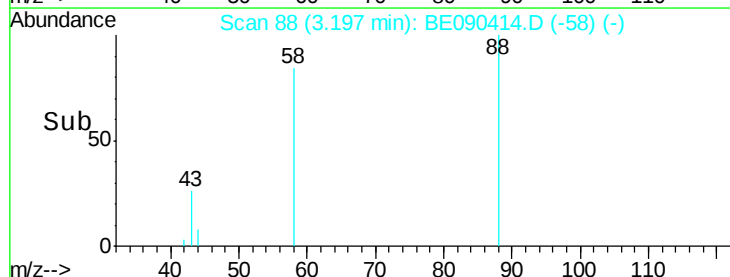
43 29.5 28.4 42.6

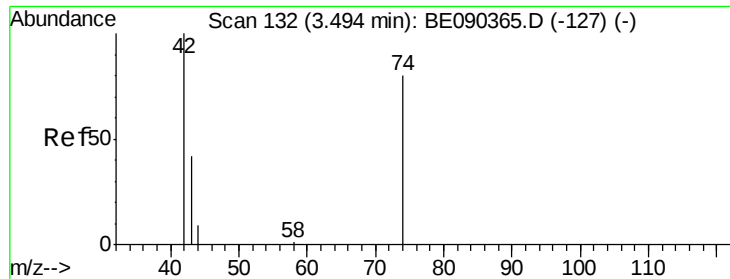


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.09 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

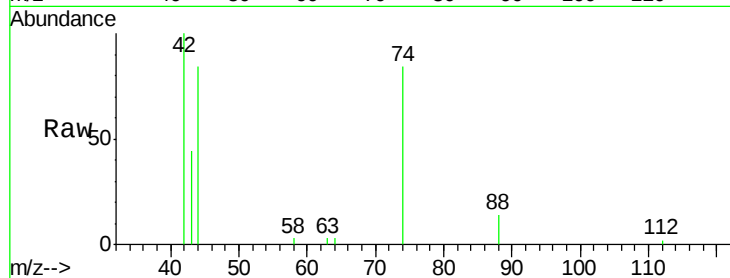
Tot Ion: 42 Resp: 4145

Ion Ratio Lower Upper

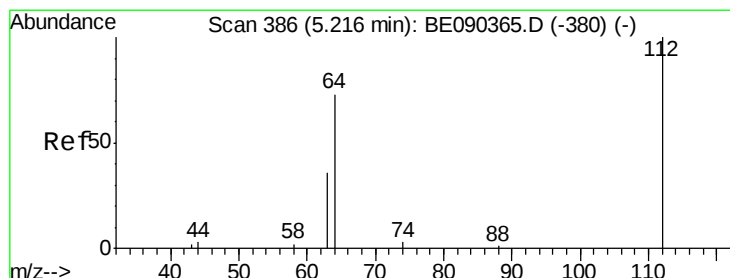
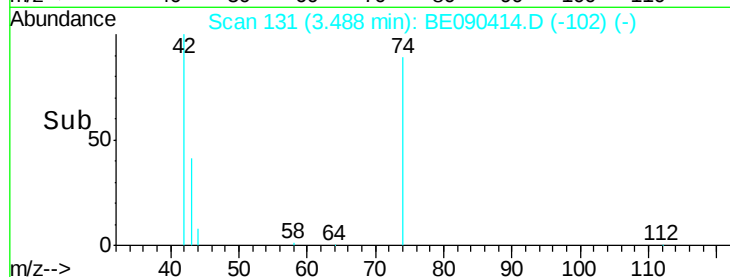
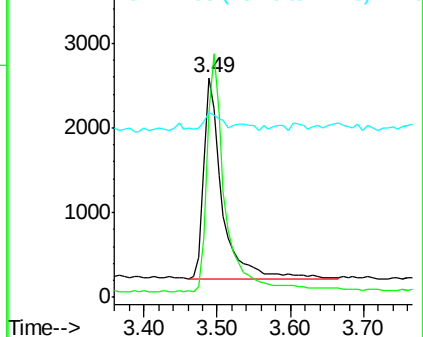
42 100

74 112.8 75.2 112.8#

44 8.0 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: 1.57 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

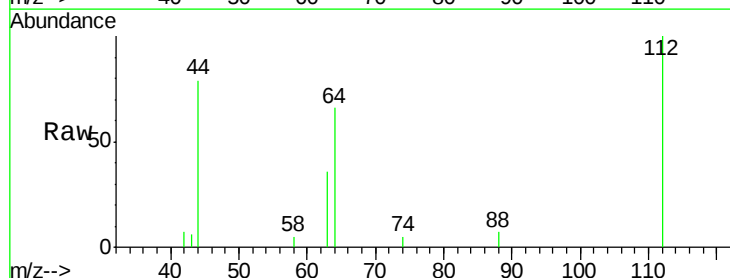
Tgt Ion: 112 Resp: 5782

Ion Ratio Lower Upper

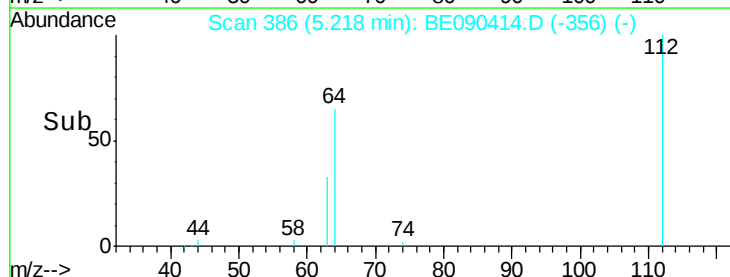
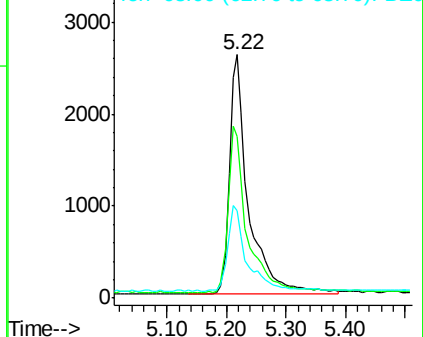
112 100

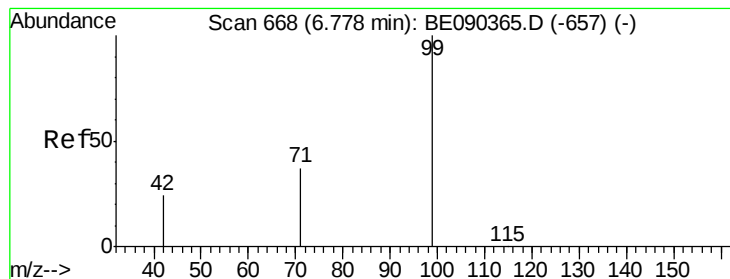
64 71.8 37.1 55.7#

63 35.7 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: 1.29 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

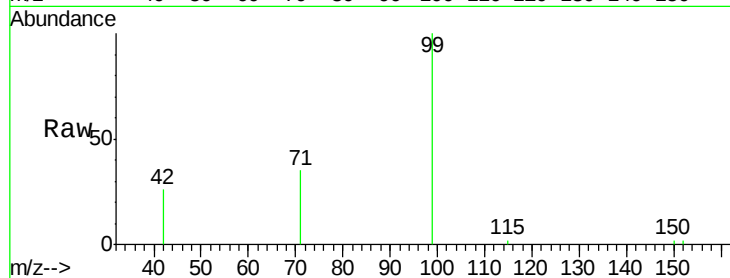
Tot Ion: 99 Resp: 8594

Ion Ratio Lower Upper

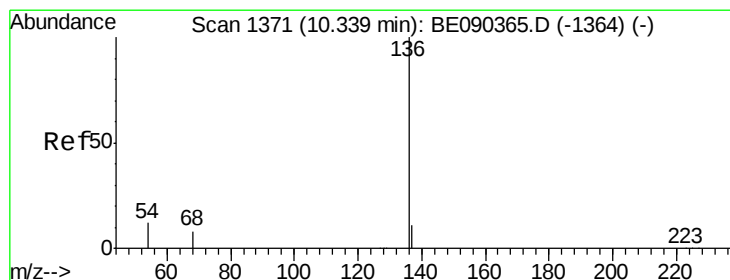
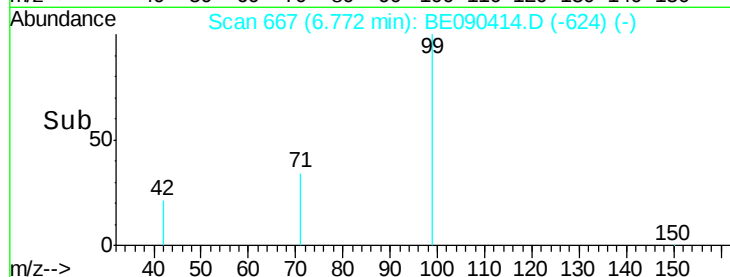
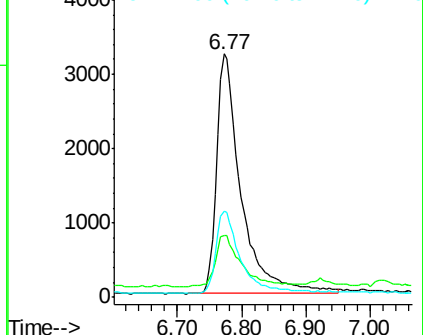
99 100

42 22.1 18.2 27.4

71 33.9 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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Tgt Ion: 136 Resp: 114782

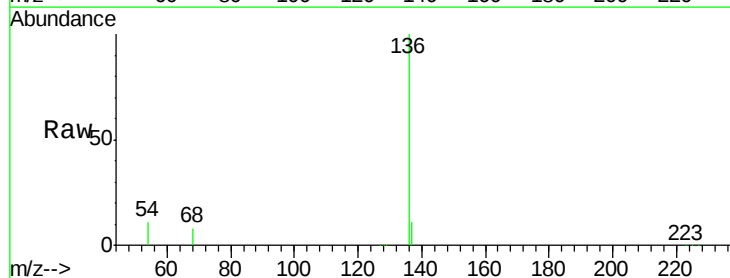
Ion Ratio Lower Upper

136 100

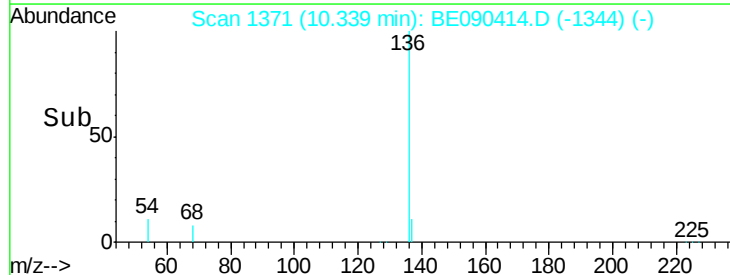
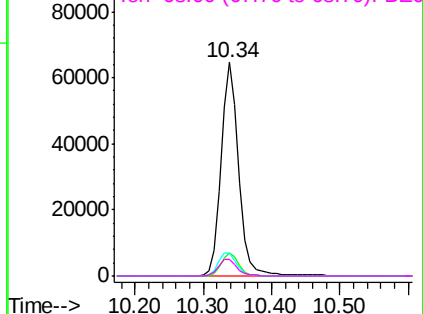
137 10.9 8.7 13.1

54 11.0 9.4 14.0

68 8.0 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: 1.09 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

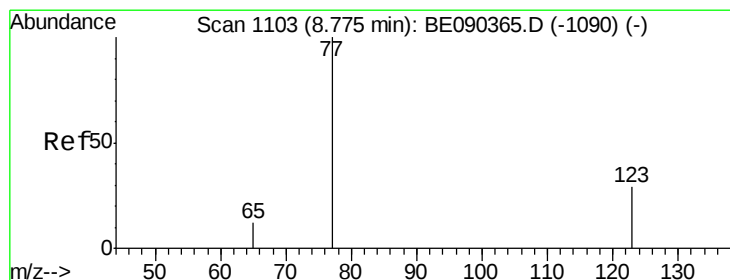
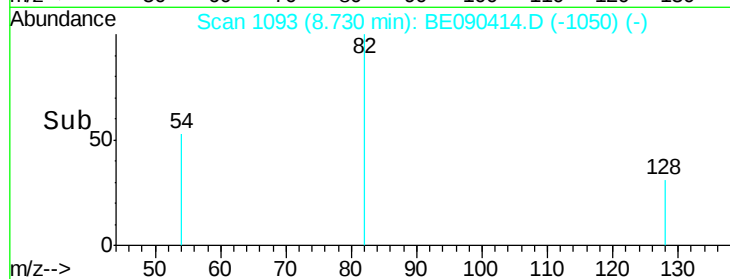
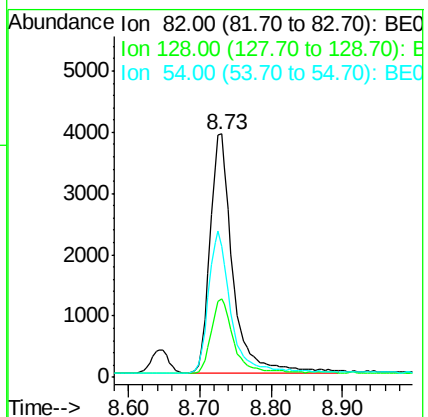
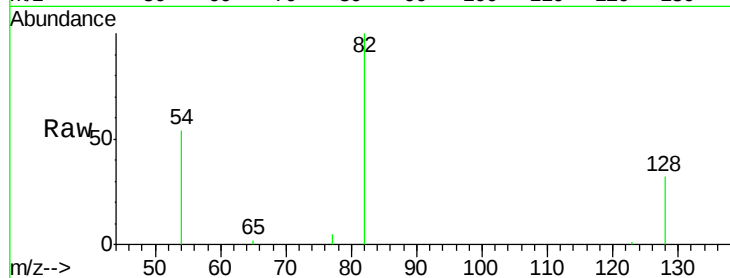
Tot Ion: 82 Resp: 8613

Ion Ratio Lower Upper

82 100

128 32.4 25.0 37.6

54 54.1 48.8 73.2



#8

Nitrobenzene

Concen: 1.05 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

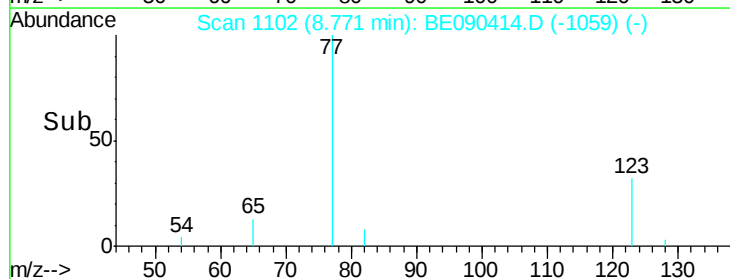
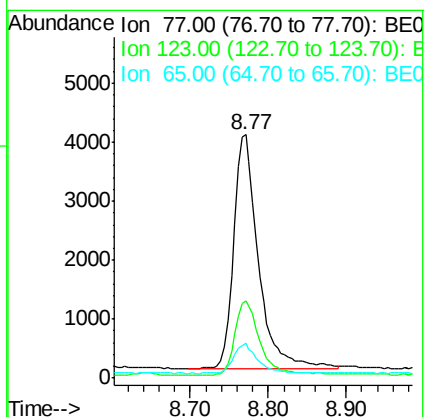
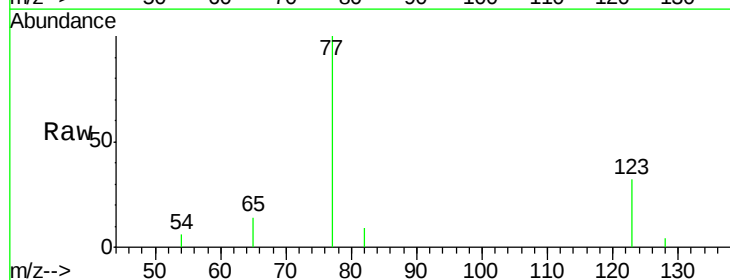
Tgt Ion: 77 Resp: 8774

Ion Ratio Lower Upper

77 100

123 32.3 25.1 37.7

65 12.2 9.3 13.9





#9

Naphthalene

Concen: 1.02 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

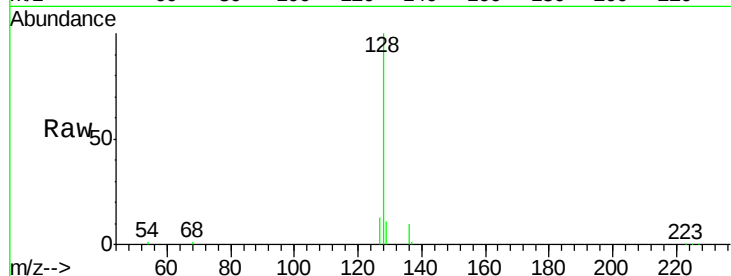
BNA_E

ClientSampleId :

SSTDCCC001EC

Tot Ion:128 Resp: 25873

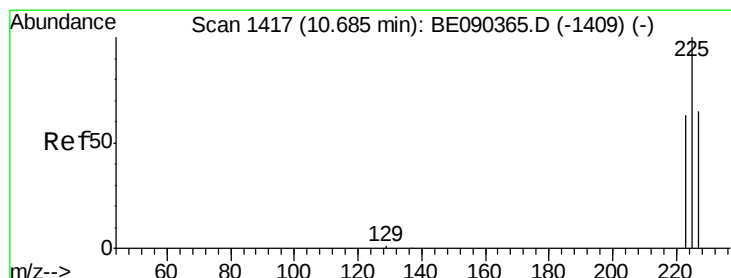
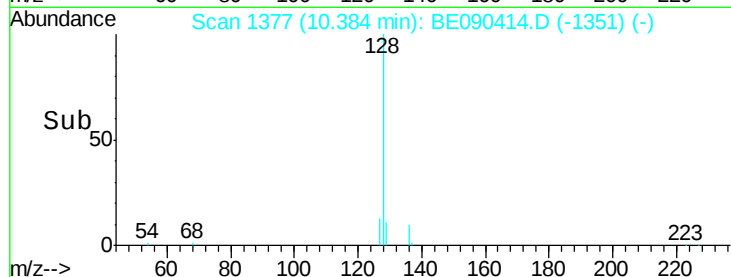
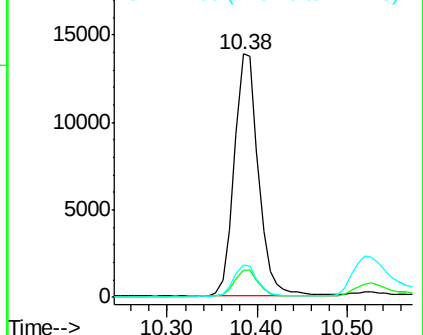
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.4	10.6	16.0



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: 1.06 ng

RT: 10.69 min Scan# 1417

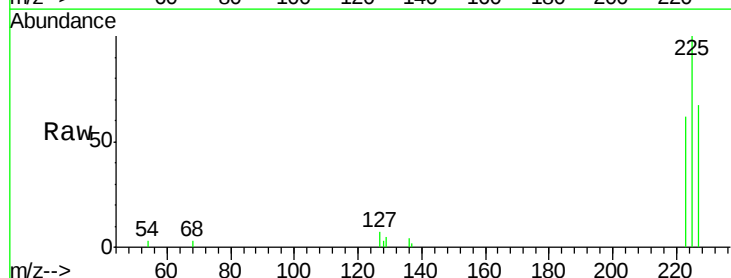
Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Tgt Ion:225 Resp: 4286

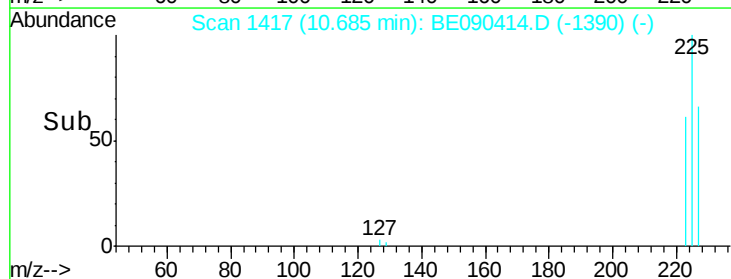
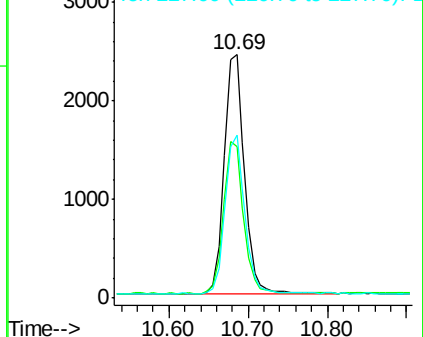
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	75.8
227	64.5	50.7	76.1



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

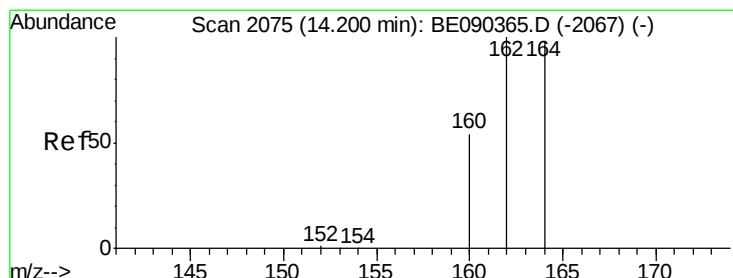
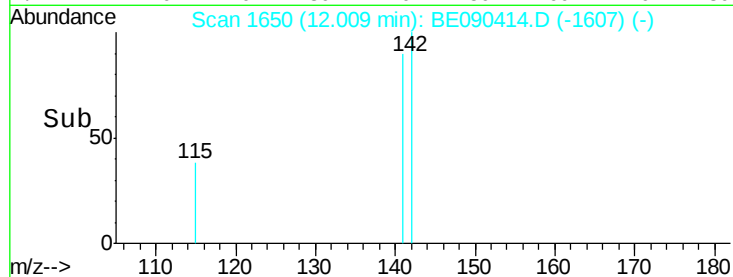
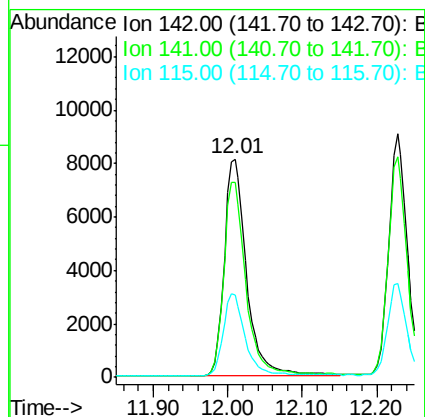
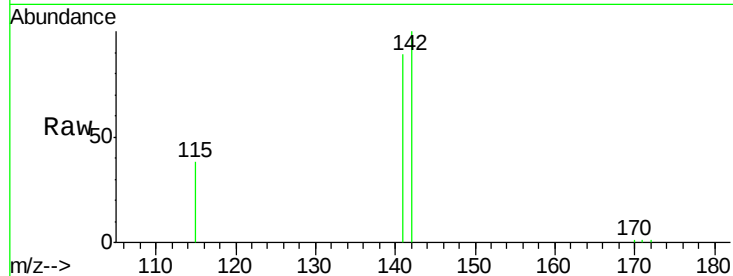




#11
2-Methylnaphthalene
Concen: 1.14 ng
RT: 12.01 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

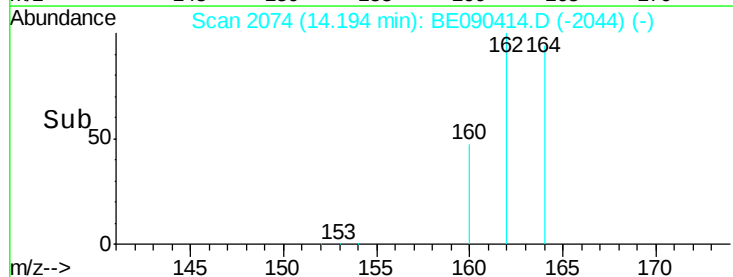
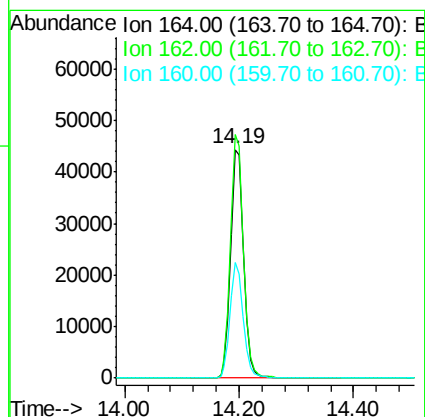
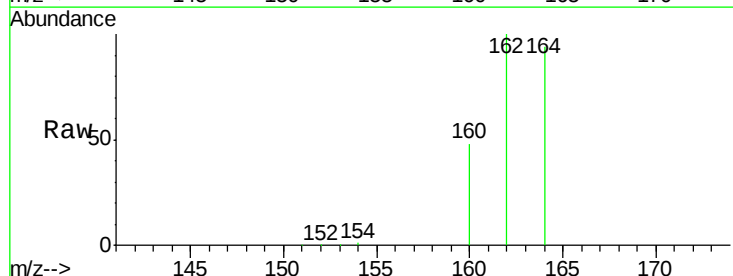
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tot Ion:142 Resp: 16769
Ion Ratio Lower Upper
142 100
141 89.3 72.6 109.0
115 37.9 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

Tgt Ion:164 Resp: 68162
Ion Ratio Lower Upper
164 100
162 106.5 81.8 122.8
160 50.6 44.2 66.4

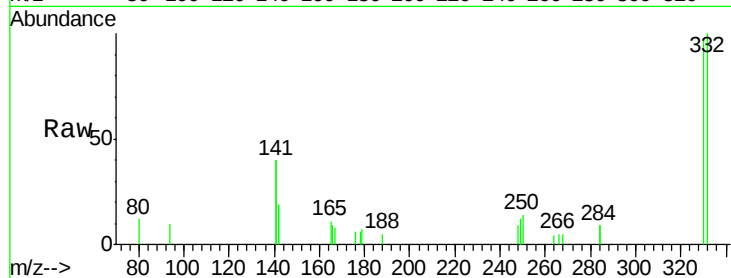




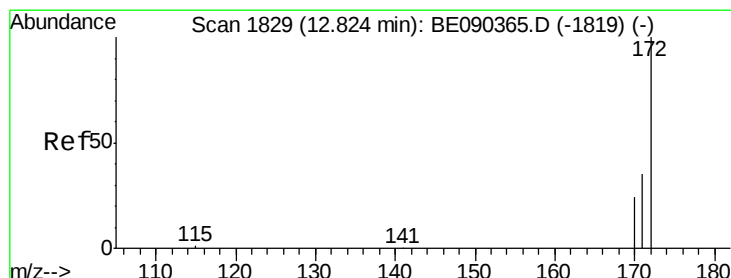
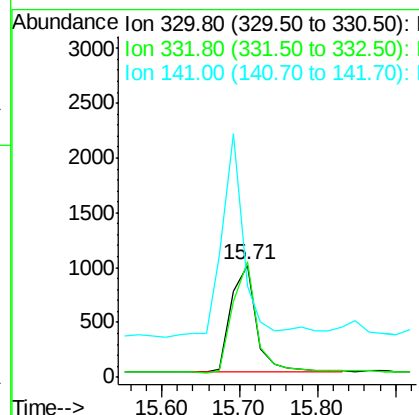
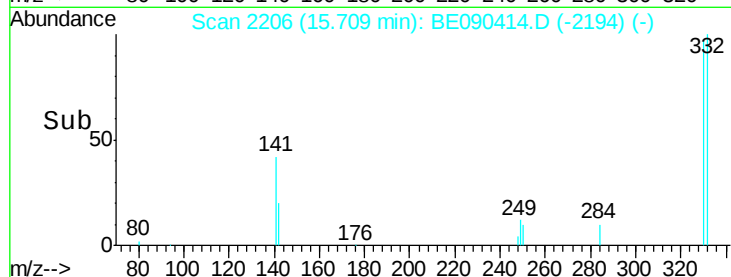
#13
 2,4,6-Tribromophenol
 Concen: 1.77 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090414.D
 Acq: 10 Aug 2015 22:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:330 Resp: 2236
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.8 113.6
 141 161.5 114.4 171.6

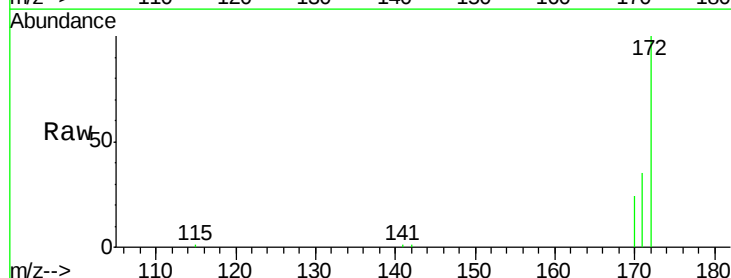


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

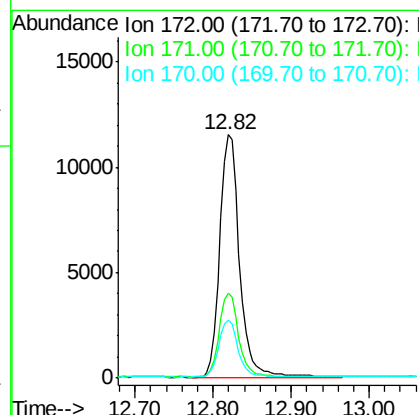
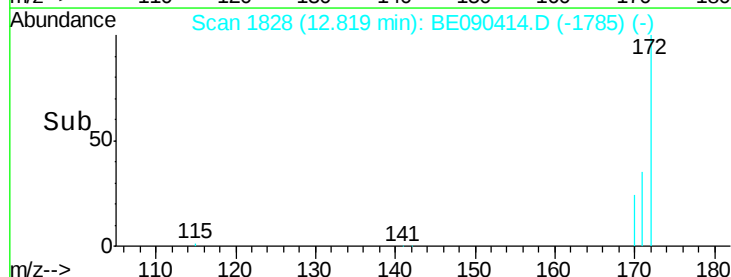


#14
 2-Fluorobiphenyl
 Concen: 1.07 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090414.D
 Acq: 10 Aug 2015 22:36

Tgt Ion:172 Resp: 20106
 Ion Ratio Lower Upper
 172 100
 171 35.0 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: 1.10 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

Tot Ion:152 Resp: 121054

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

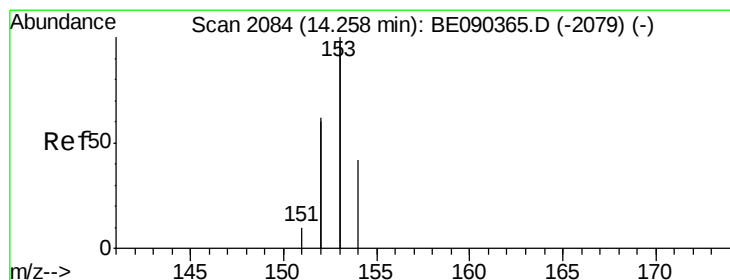
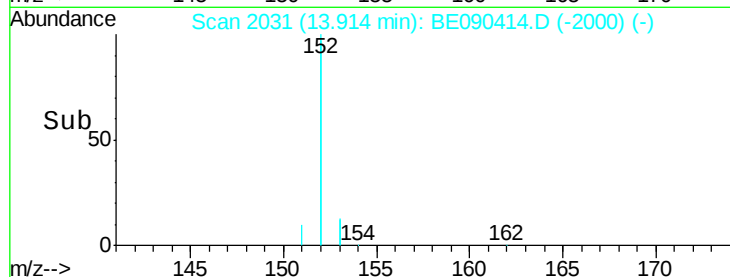
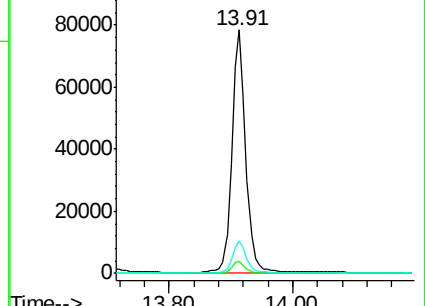
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.01 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

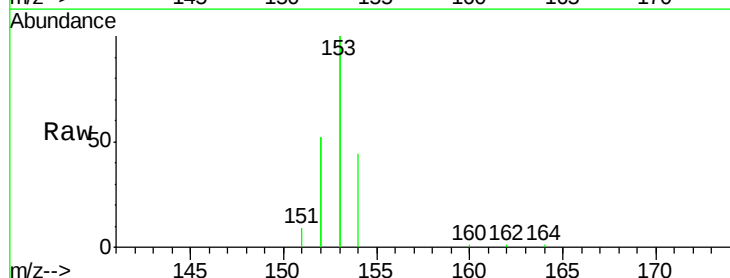
Tgt Ion:154 Resp: 17304

Ion Ratio Lower Upper

154 100

153 465.0 376.2 564.2

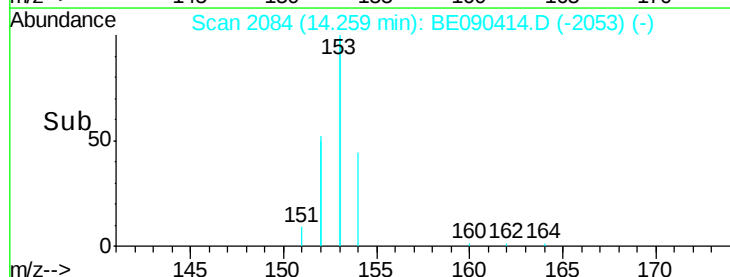
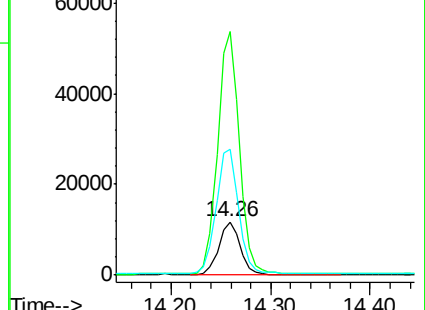
152 247.0 235.0 352.4



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: 1.03 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

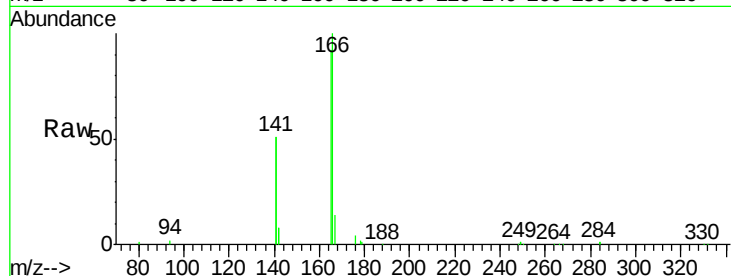
Tot Ion:166 Resp: 23030

Ion Ratio Lower Upper

166 100

165 98.2 81.5 122.3

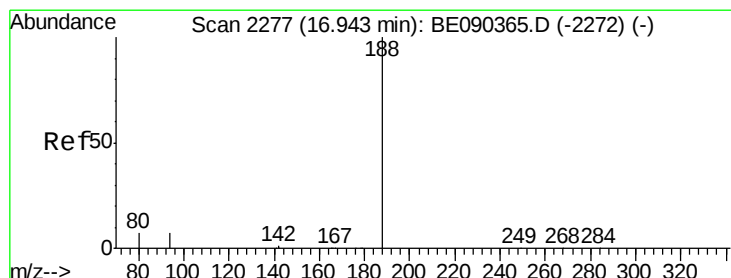
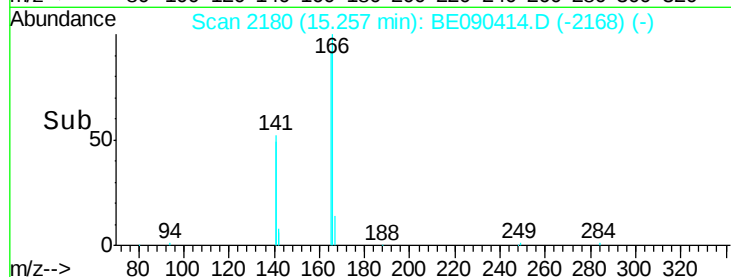
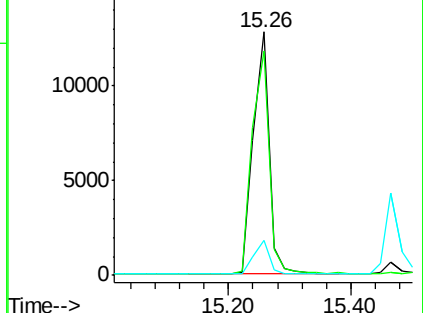
167 13.7 11.4 17.0



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: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

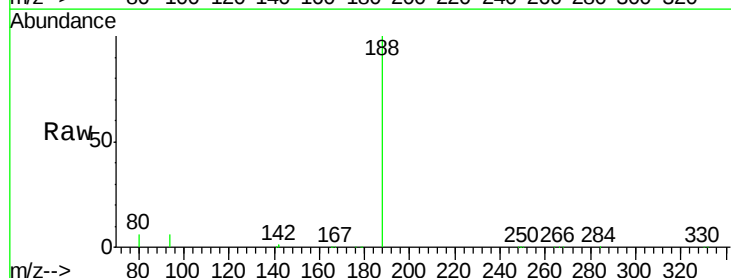
Tgt Ion:188 Resp: 156396

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

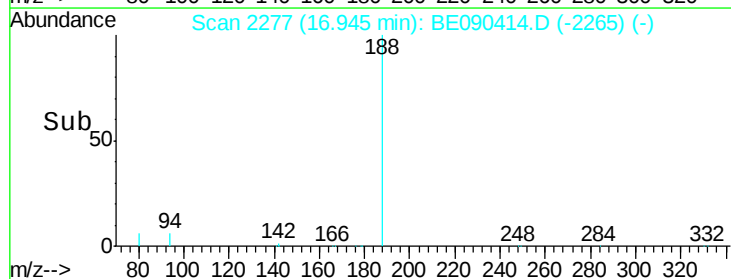
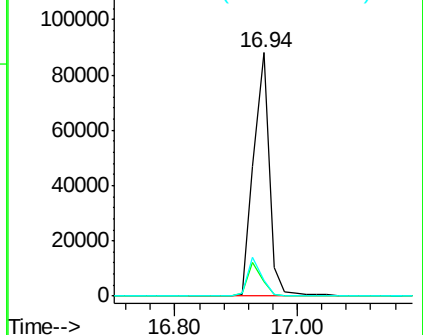
80 6.3 5.8 8.8



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

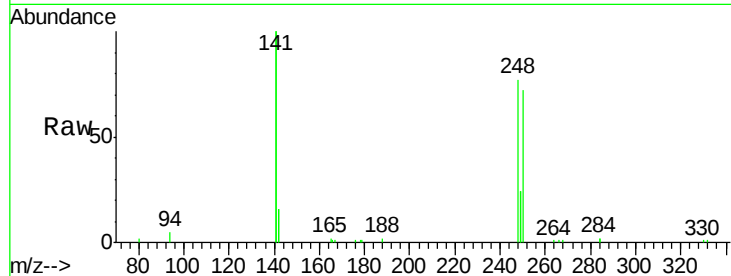




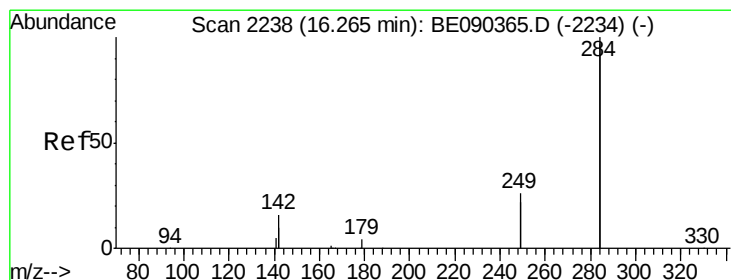
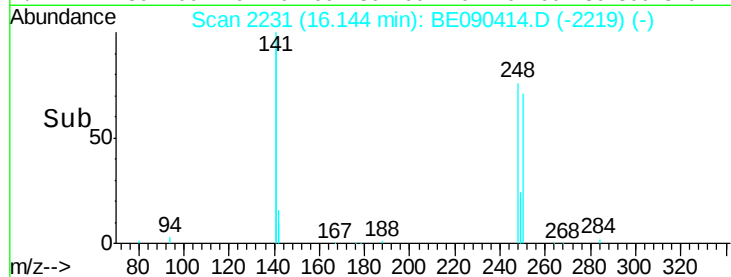
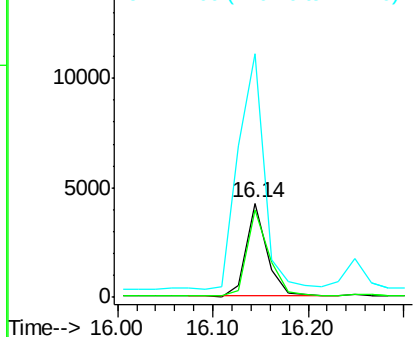
#19
4-Bromophenyl-phenylether
Concen: 1.06 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tot Ion:248 Resp: 6466
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 311.7 239.5 359.3

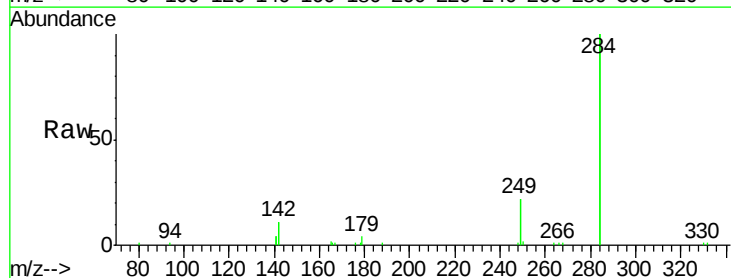


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

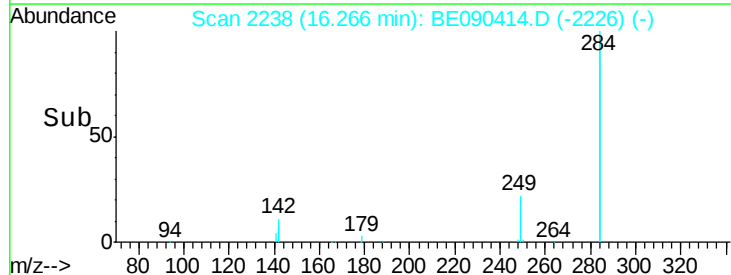
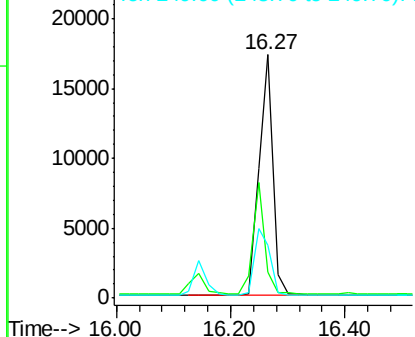


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

Tgt Ion:284 Resp: 29510
Ion Ratio Lower Upper
284 100
142 38.4 30.1 45.1
249 31.1 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

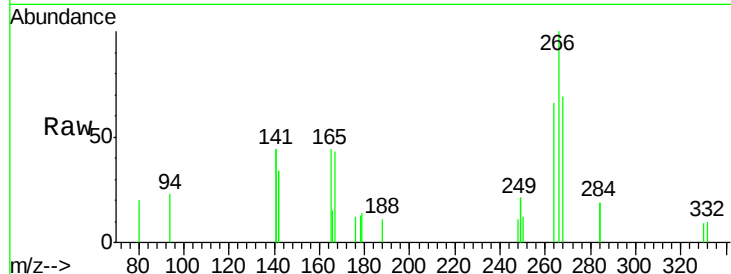




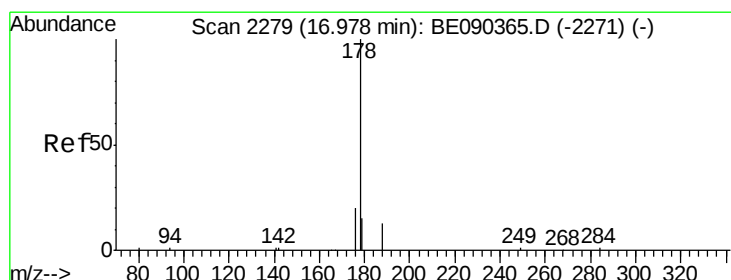
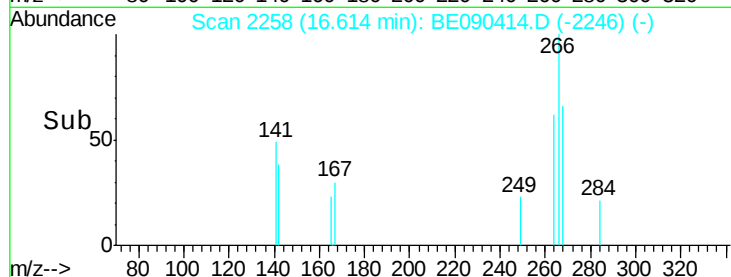
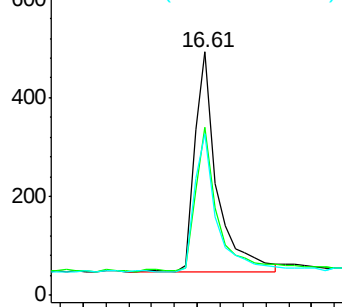
#21
Pentachlorophenol
Concen: 1.16 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tot Ion:266 Resp: 1225
Ion Ratio Lower Upper
266 100
268 69.2 58.5 87.7
264 66.1 56.0 84.0

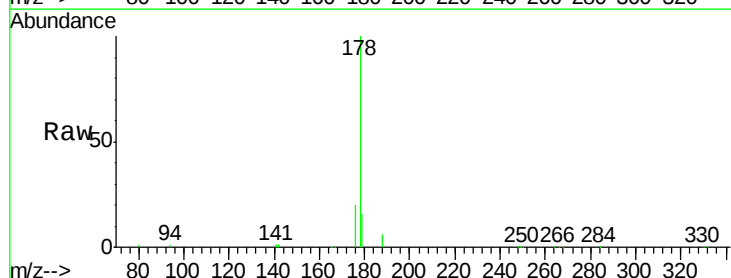


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

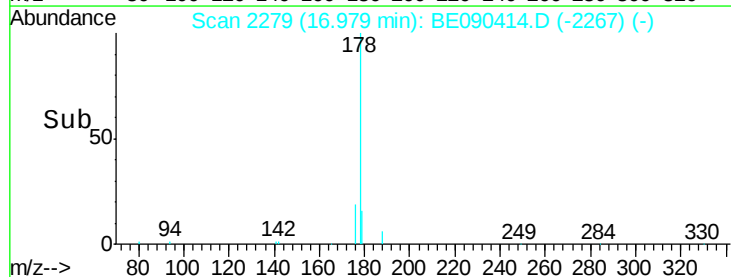
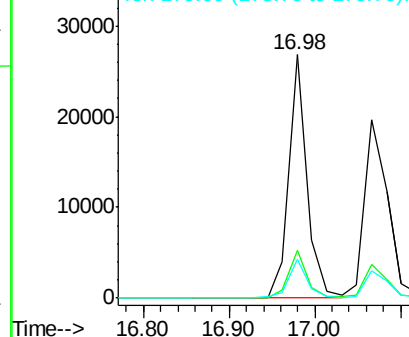


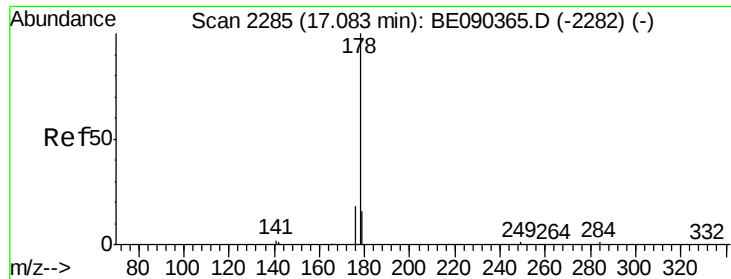
#22
Phenanthrene
Concen: 1.01 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

Tgt Ion:178 Resp: 39702
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 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: 1.14 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

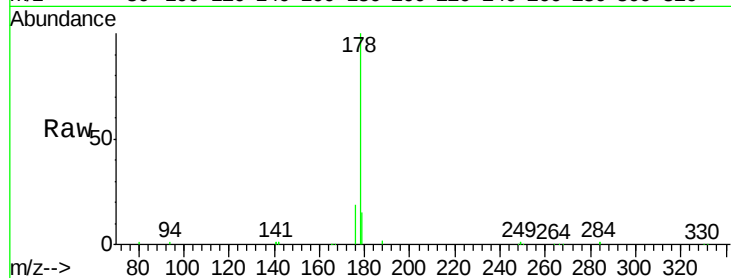
Tot Ion:178 Resp: 36515

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

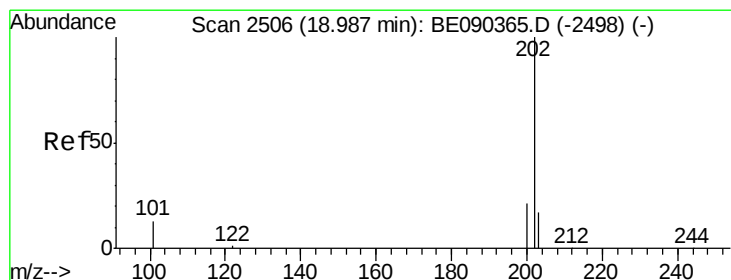
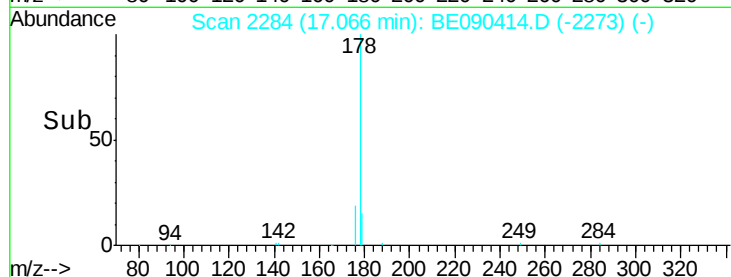
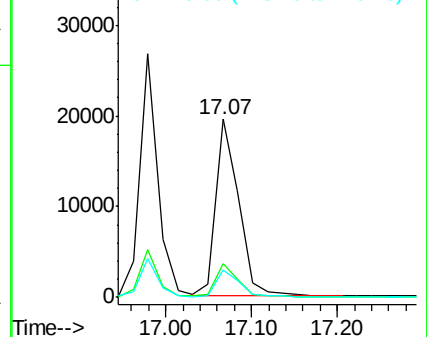
179 15.2 12.2 18.4



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



#24

Fluoranthene

Concen: 1.14 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

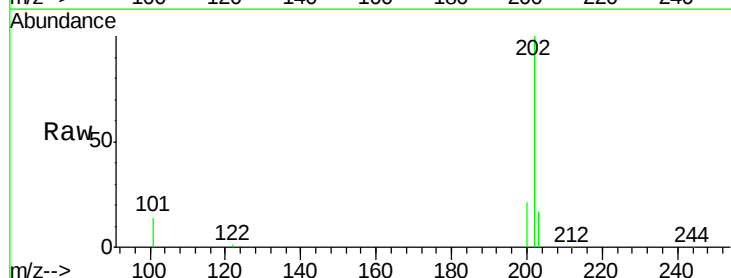
Tgt Ion:202 Resp: 44095

Ion Ratio Lower Upper

202 100

101 13.4 10.3 15.5

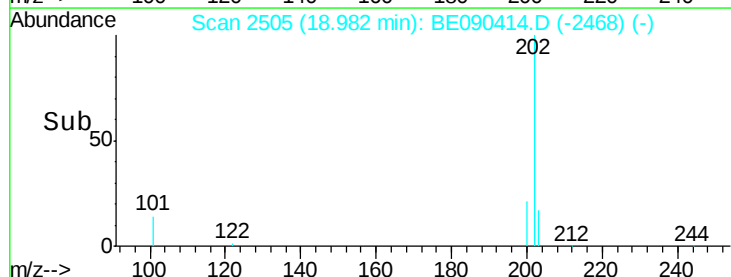
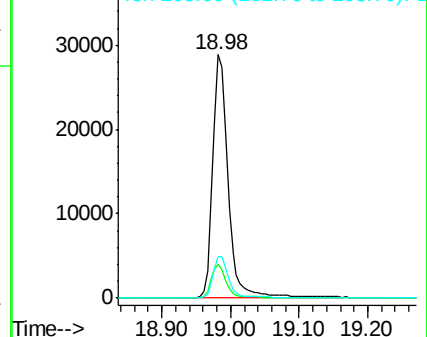
203 17.2 13.7 20.5

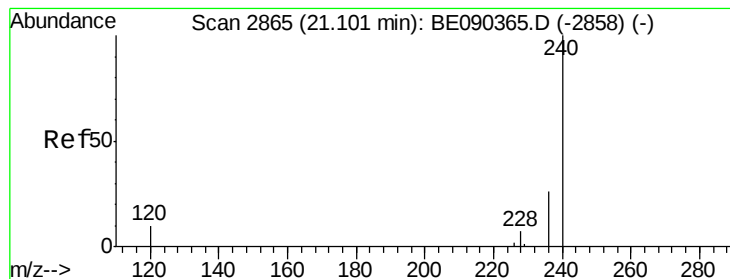


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

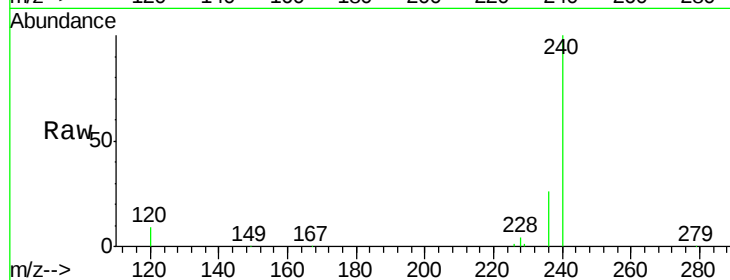
Tot Ion:240 Resp: 183070

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

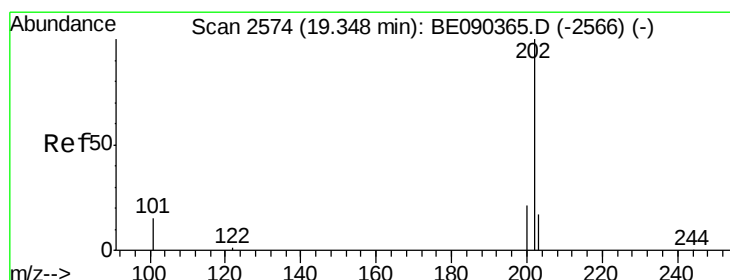
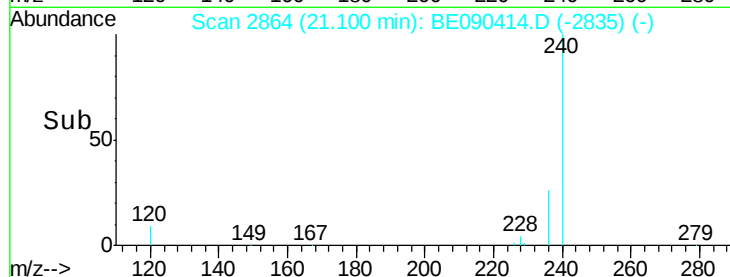
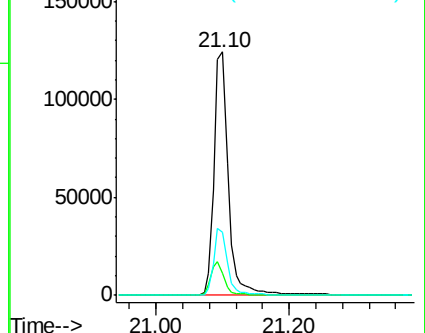
236 25.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.15 ng

RT: 19.35 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

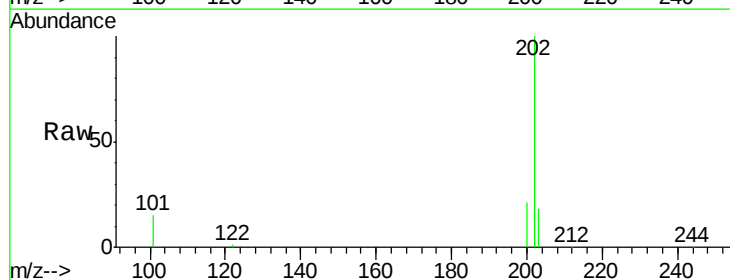
Tgt Ion:202 Resp: 45826

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

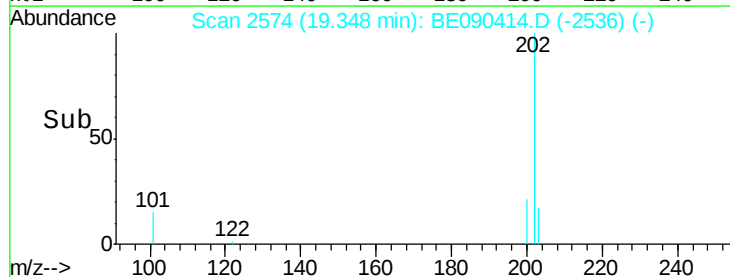
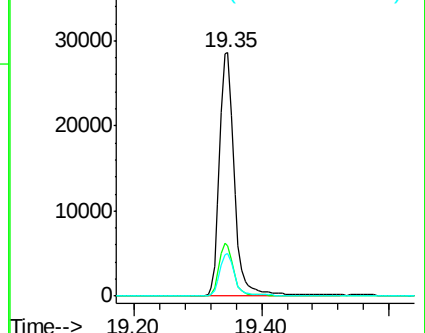
203 17.3 13.8 20.8



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

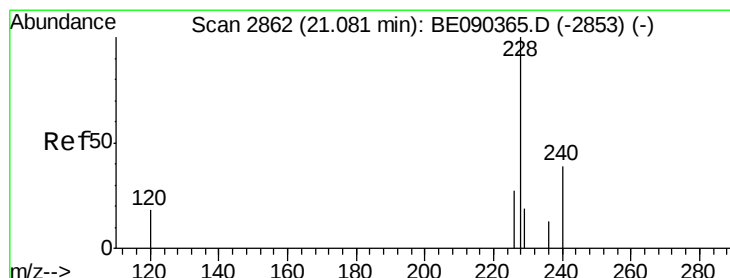
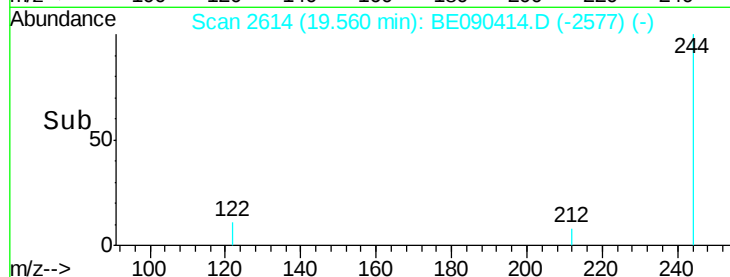
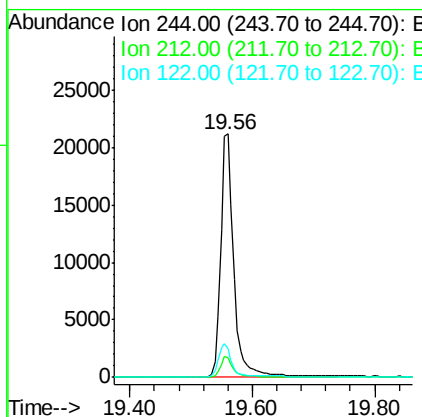
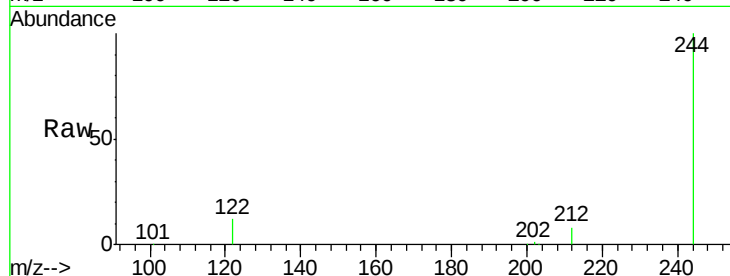




#27
 Terphenyl-d14
 Concen: 1.17 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090414.D
 Acq: 10 Aug 2015 22:36

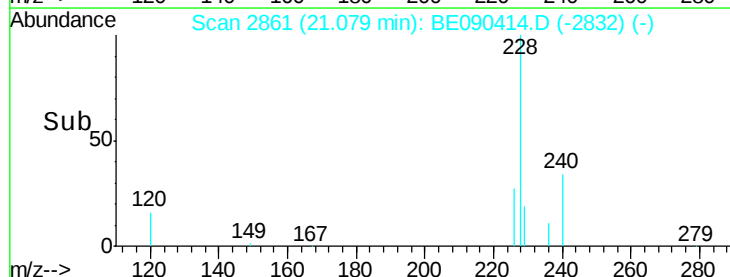
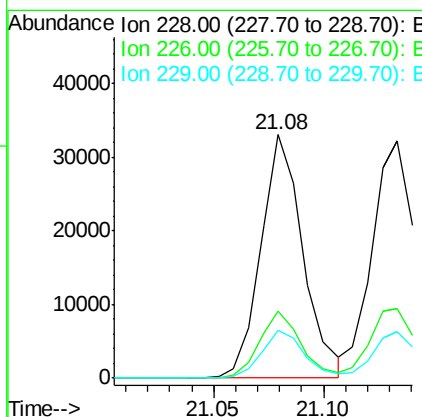
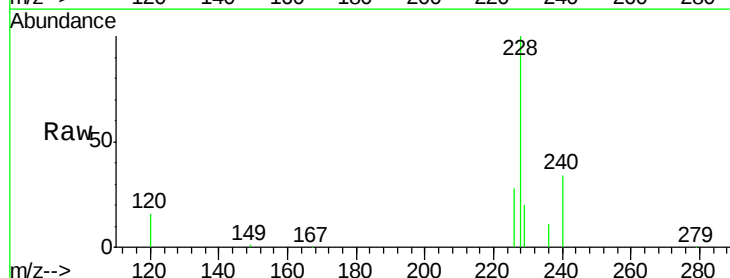
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

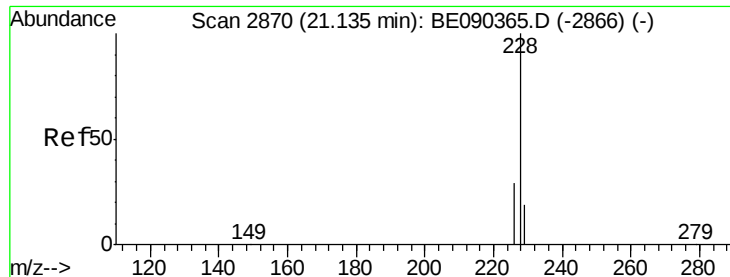
Tot Ion:244 Resp: 31657
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 11.6 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.09 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090414.D
 Acq: 10 Aug 2015 22:36

Tgt Ion:228 Resp: 44028
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.9 32.9
 229 19.5 15.4 23.0





#29

Chrysene

Concen: 1.03 ng/mL

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument:

BNA_E

ClientSampleID:

SSTDCCC001EC

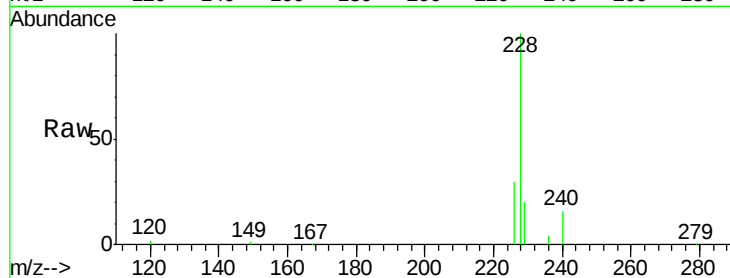
Tot Ion: 228 Resp: 50280

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

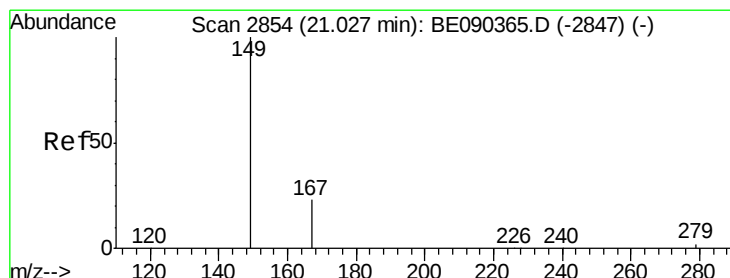
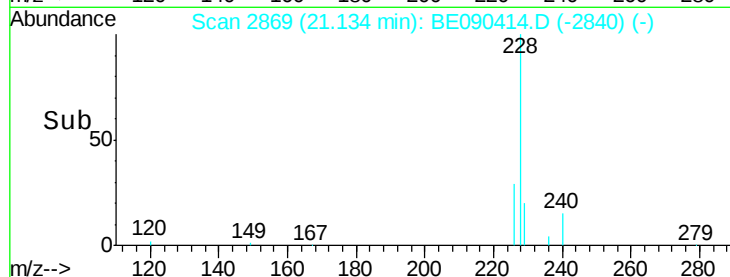
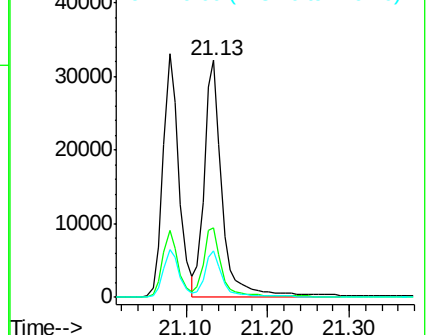
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.61 ng/mL

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

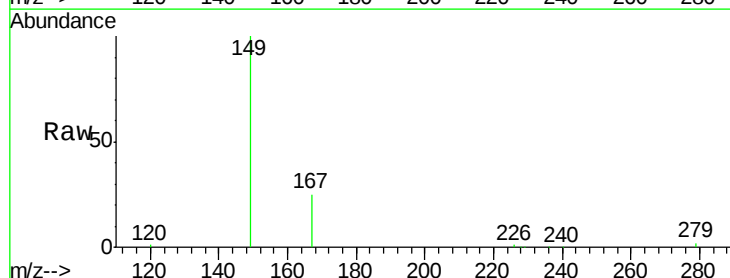
Tgt Ion: 149 Resp: 16761

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

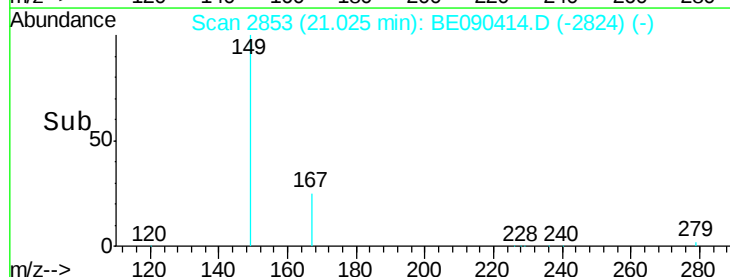
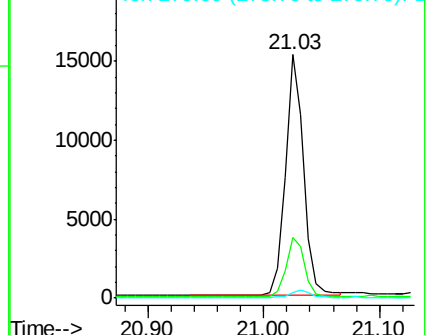
279 3.1 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

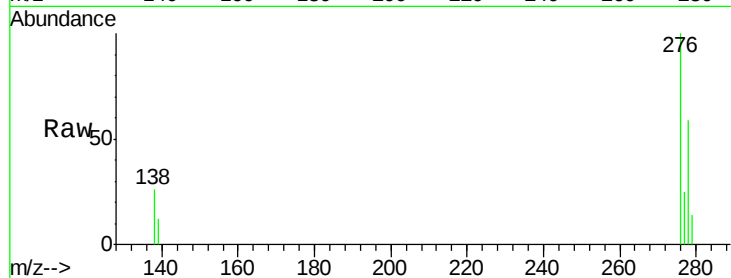




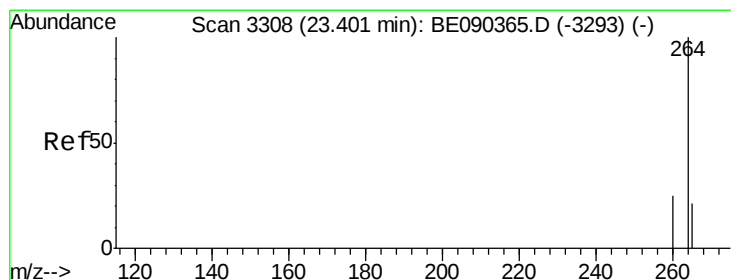
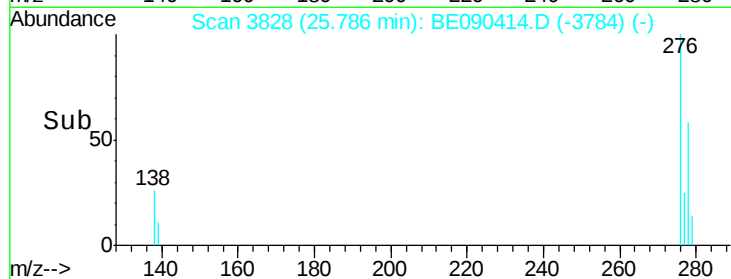
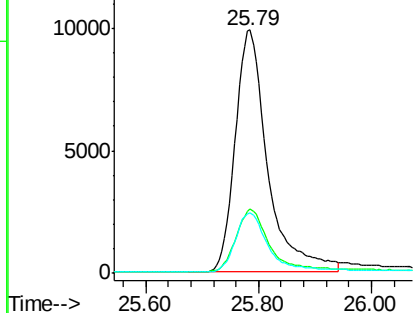
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 1.08 ng
 RT: 25.79 min Scan# 3828
 Delta R.T. -0.00 min
 Lab File: BE090414.D
 Acq: 10 Aug 2015 22:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:276 Resp: 38581
 Ion Ratio Lower Upper
 276 100
 138 25.7 18.8 28.2
 277 25.3 18.2 27.4

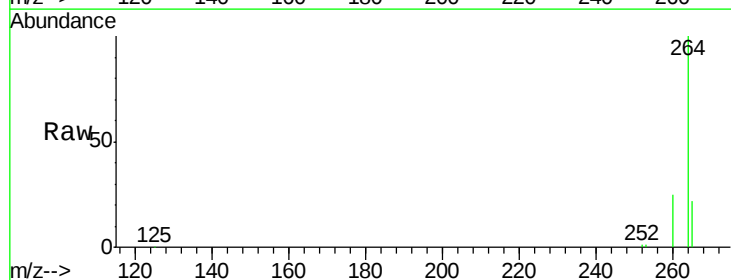


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

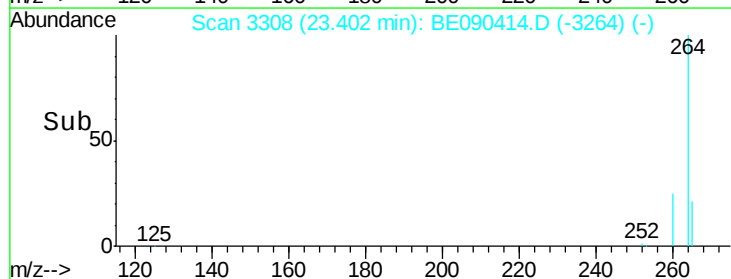
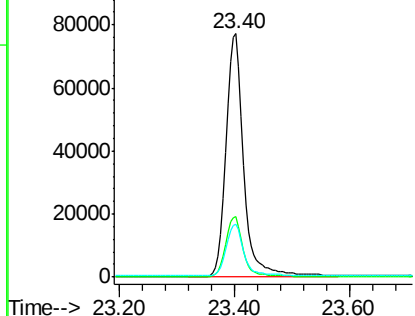


#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090414.D
 Acq: 10 Aug 2015 22:36

Tgt Ion:264 Resp: 169446
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 21.8 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

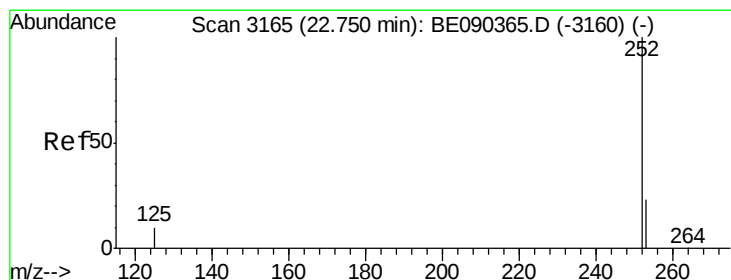
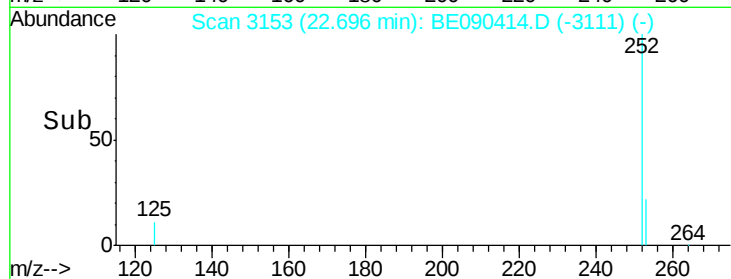
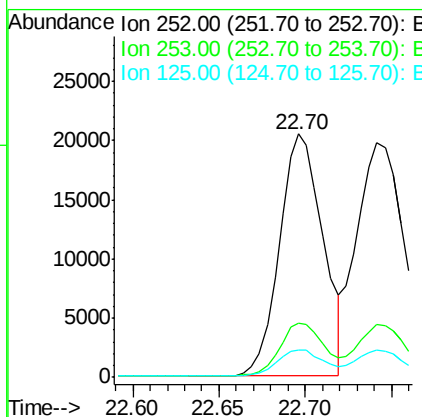
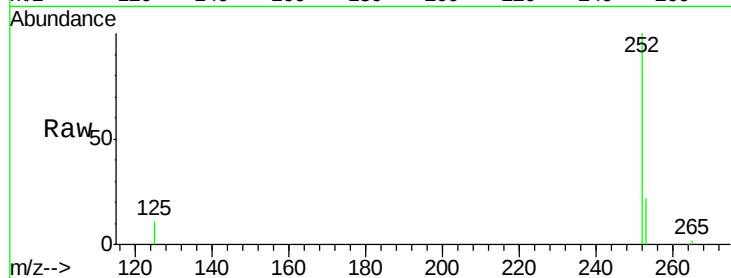




#33
Benzo(b)fluoranthene
Concen: 1.09 ng
RT: 22.70 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

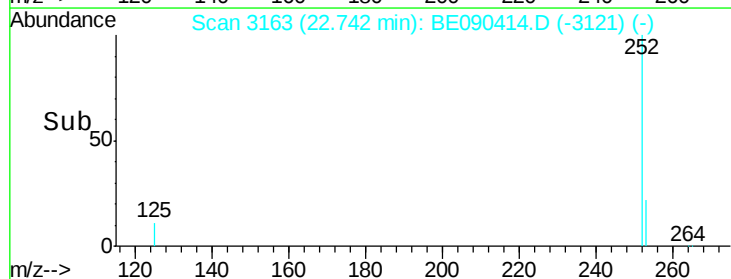
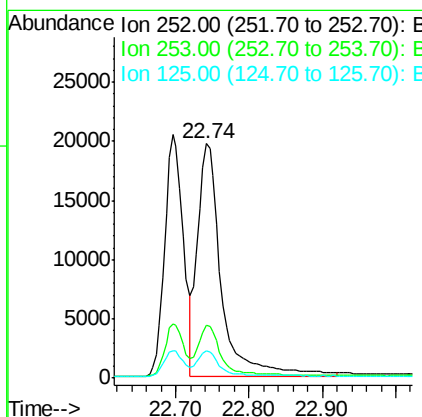
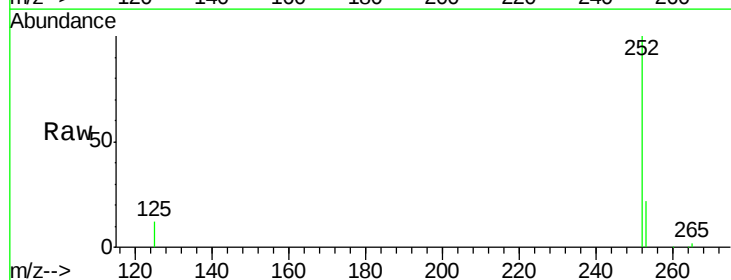
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tot Ion:252 Resp: 35750
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.4 9.4 14.2



#34
Benzo(k)fluoranthene
Concen: 0.97 ng m
RT: 22.74 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BE090414.D
Acq: 10 Aug 2015 22:36

Tgt Ion:252 Resp: 45559
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.5 9.1 13.7





#35

Benzo(a)pyrene

Concen: 1.09 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

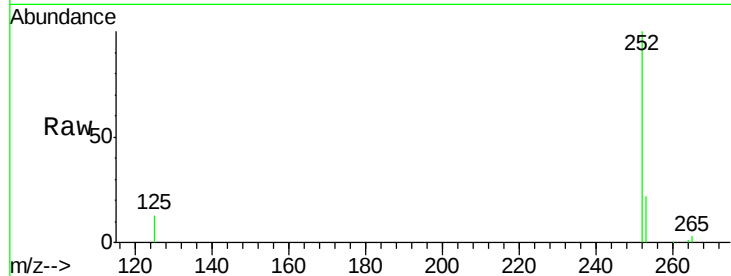
Tot Ion:252 Resp: 32635

Ion Ratio Lower Upper

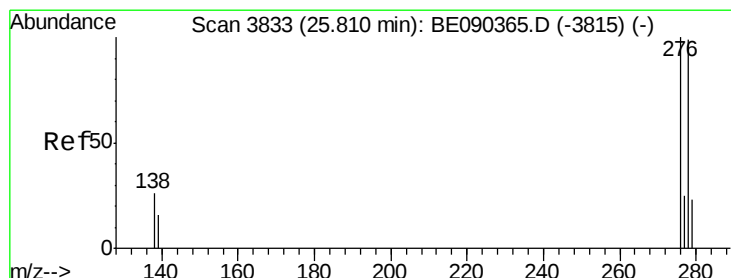
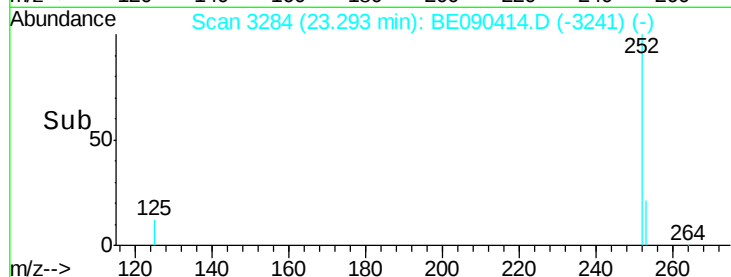
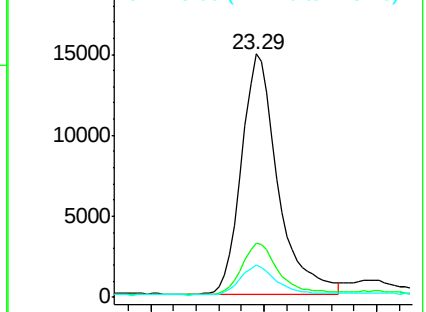
252 100

253 22.1 17.6 26.4

125 13.3 9.8 14.6



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



#36

Dibenzo(a,h)anthracene

Concen: 1.09 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

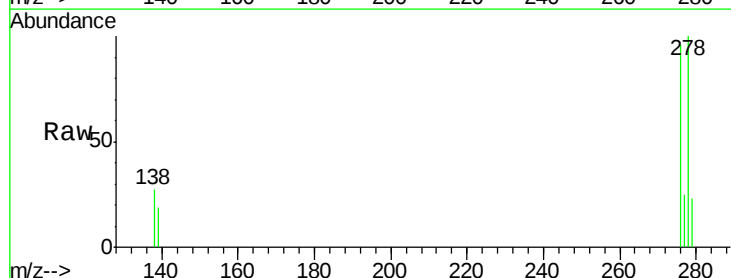
Tgt Ion:278 Resp: 30265

Ion Ratio Lower Upper

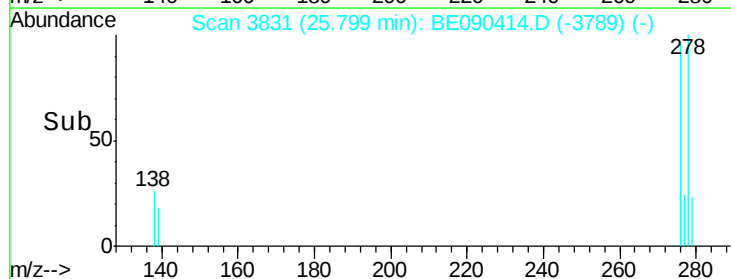
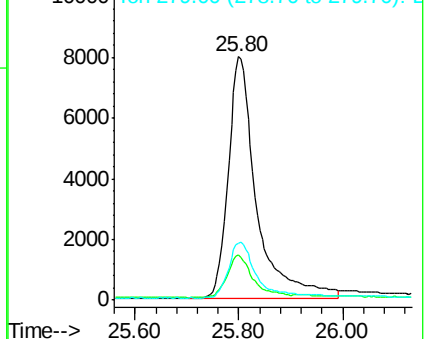
278 100

139 18.5 14.2 21.4

279 23.4 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: 1.12 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090414.D

Acq: 10 Aug 2015 22:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

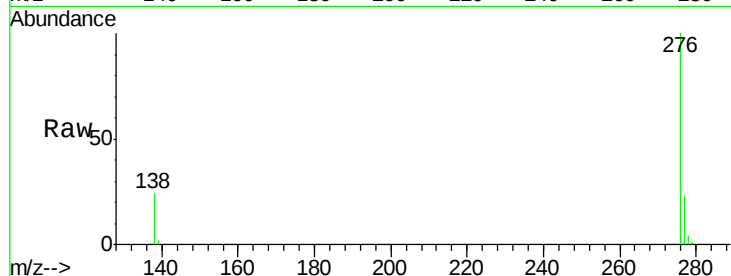
Tot Ion: 276 Resp: 34912

Ion Ratio Lower Upper

276 100

277 23.4 20.1 30.1

138 24.3 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

