

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090027.D
 Acq On : 1 Jul 2015 1:08
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jul 01 05:20:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18319	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	78952	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	44213	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	99571	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	129166	5.00	ng	-0.01
32) Perylene-d12	23.44	264	128547	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4284	1.02	ng	0.00
5) Phenol-d6	6.80	99	5928	1.01	ng	0.00
7) Nitrobenzene-d5	8.75	82	5643	0.90	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1362	1.05	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	12255	0.92	ng	0.00
27) Terphenyl-d14	19.58	244	19162	0.89	ng	0.00

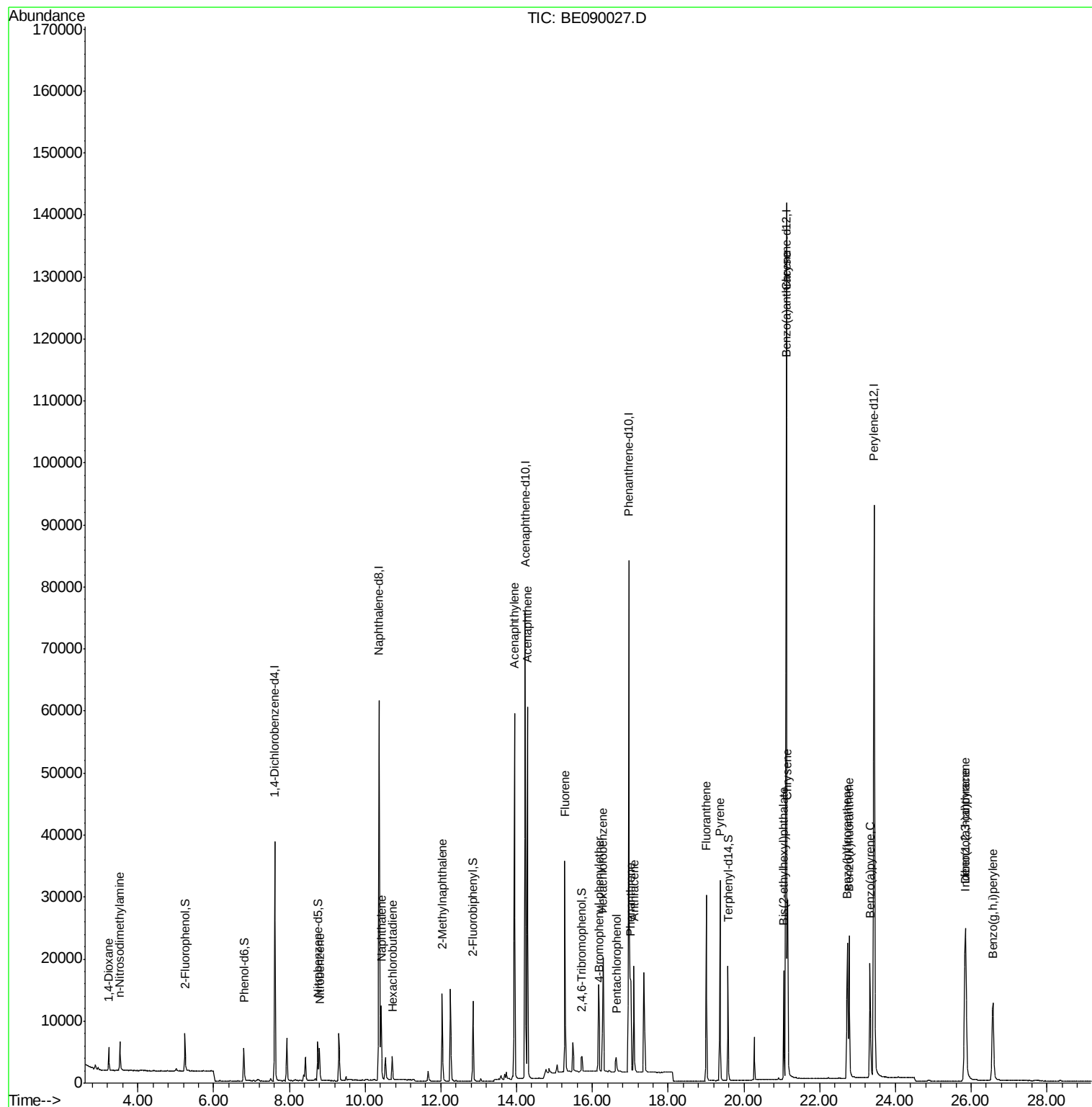
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	2136	0.85	ng	97
3) n-Nitrosodimethylamine	3.52	42	2841	0.83	ng	94
8) Nitrobenzene	8.79	77	5881	0.88	ng	98
9) Naphthalene	10.42	128	16460	0.92	ng	100
10) Hexachlorobutadiene	10.72	225	2629	0.94	ng	100
11) 2-Methylnaphthalene	12.04	142	10642	0.89	ng	99
15) Acenaphthylene	13.94	152	75457	0.95	ng	100
16) Acenaphthene	14.28	154	10860	0.95	ng	97
17) Fluorene	15.27	166	14015	0.90	ng	98
19) 4-Bromophenyl-phenylether	16.18	248	3788	0.90	ng	92
20) Hexachlorobenzene	16.28	284	15887	0.90	ng	98
21) Pentachlorophenol	16.63	266	1590	0.94	ng	97
22) Phenanthrene	17.01	178	22838	0.90	ng	99
23) Anthracene	17.10	178	21300	0.91	ng	100
24) Fluoranthene	19.01	202	27114	0.95	ng	100
26) Pyrene	19.37	202	28302	0.92	ng	100
28) Benzo(a)anthracene	21.11	228	30621	0.95	ng	98
29) Chrysene	21.15	228	29780	0.89	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	14914	1.25	ng	99
31) Indeno(1,2,3-cd)pyrene	25.84	276	34795	1.08	ng	98
33) Benzo(b)fluoranthene	22.73	252	29808	1.05	ng	99
34) Benzo(k)fluoranthene	22.78	252	31039	0.98	ng	99
35) Benzo(a)pyrene	23.33	252	27645	1.06	ng	99
36) Dibenzo(a,h)anthracene	25.86	278	28054	1.04	ng	99
37) Benzo(g,h,i)perylene	26.57	276	28341	1.04	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
Data File : BE090027.D
Acq On : 1 Jul 2015 1:08
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Jul 01 05:20:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

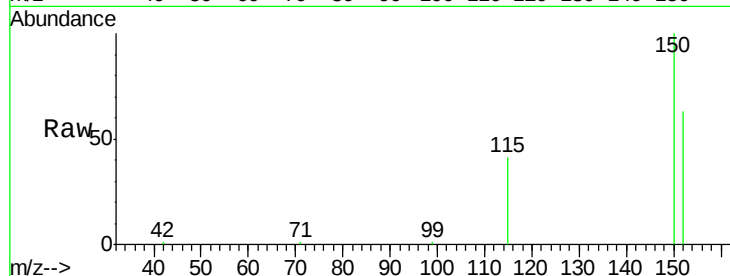
Tgt Ion:152 Resp: 18319

Ion Ratio Lower Upper

152 100

150 158.1 123.9 185.9

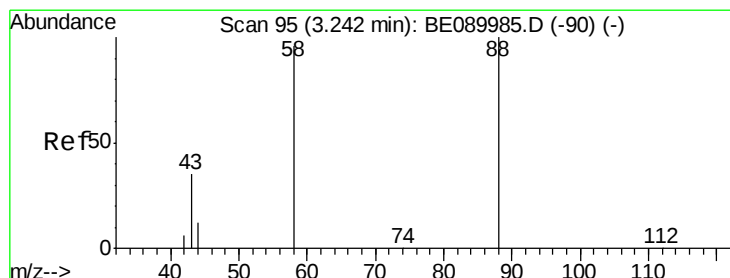
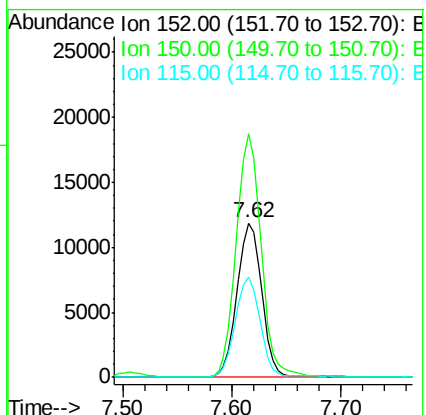
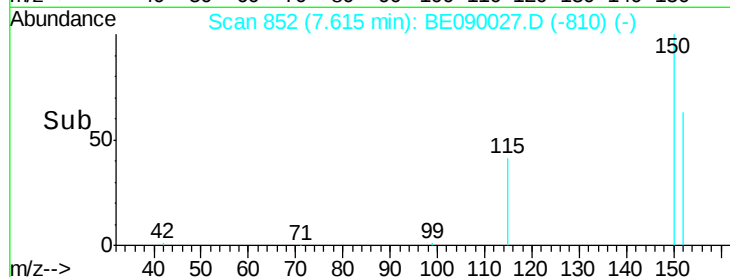
115 65.4 50.6 76.0



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: 0.85 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

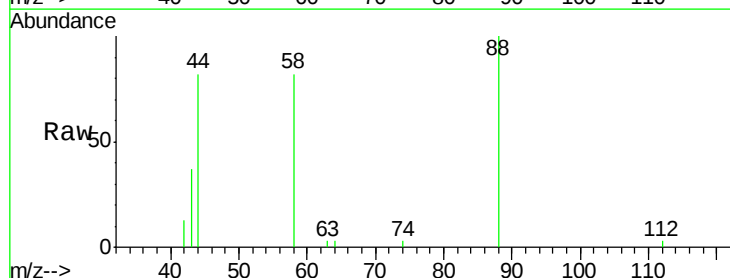
Tgt Ion: 88 Resp: 2136

Ion Ratio Lower Upper

88 100

58 85.4 70.9 106.3

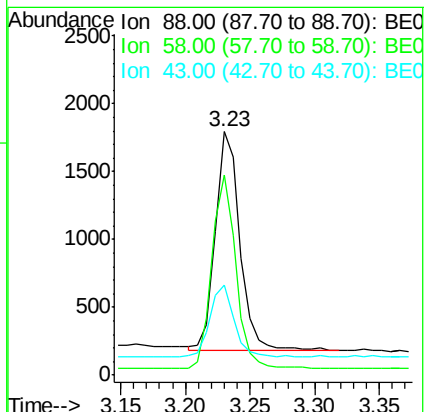
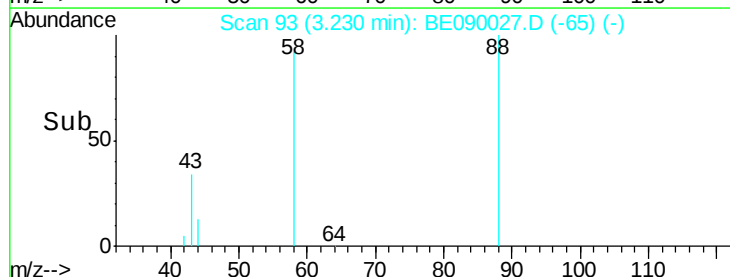
43 32.5 27.6 41.4

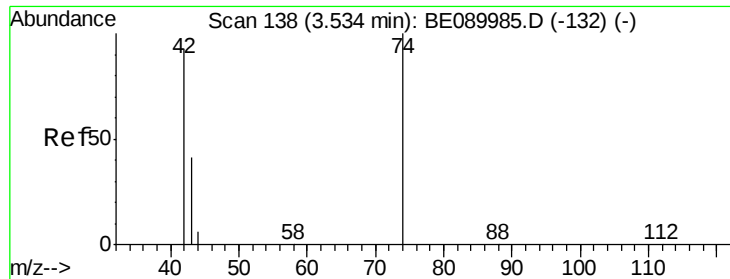


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



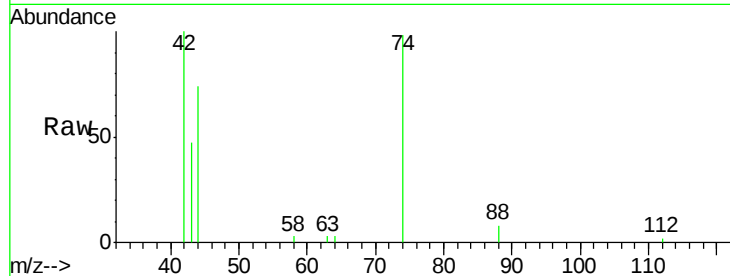


#3

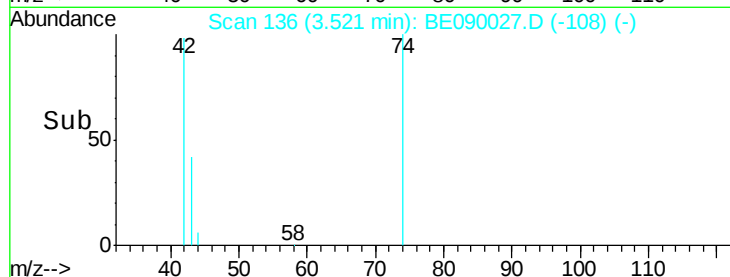
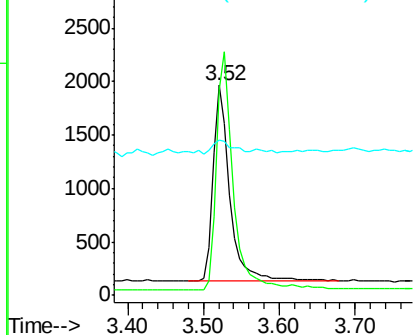
n-Nitrosodimethylamine
 Concen: 0.83 ng
 RT: 3.52 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 42 Resp: 2841
 Ion Ratio Lower Upper
 42 100
 74 118.4 89.4 134.2
 44 8.6 6.9 10.3



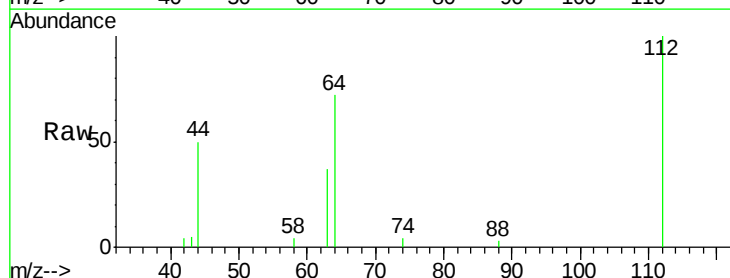
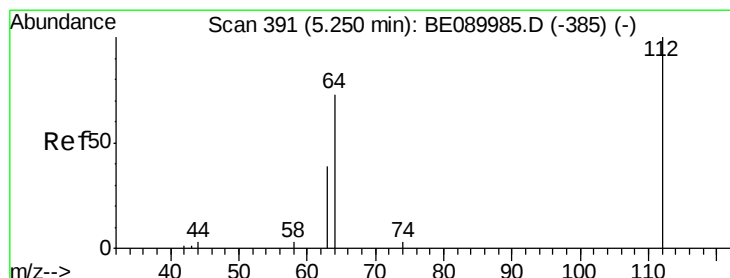
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



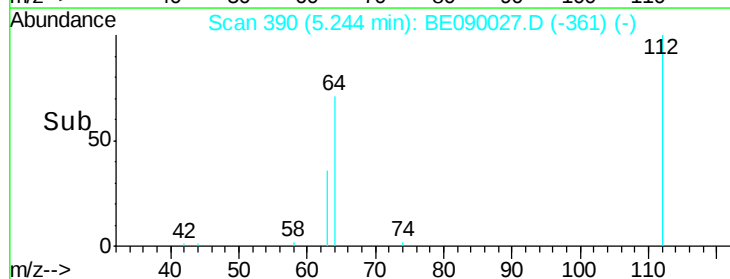
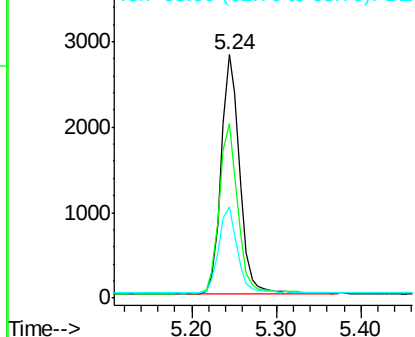
#4

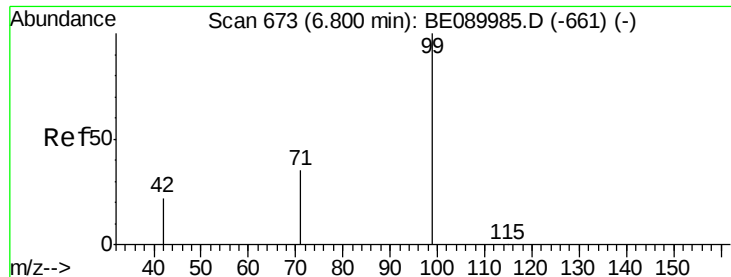
2-Fluorophenol
 Concen: 1.02 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Tgt Ion: 112 Resp: 4284
 Ion Ratio Lower Upper
 112 100
 64 70.8 56.3 84.5
 63 36.3 29.8 44.6



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: 1.01 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

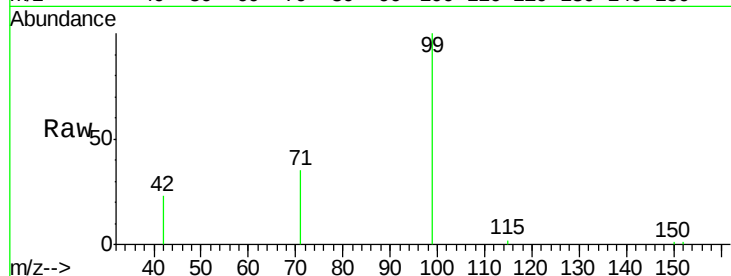
Tgt Ion: 99 Resp: 5928

Ion Ratio Lower Upper

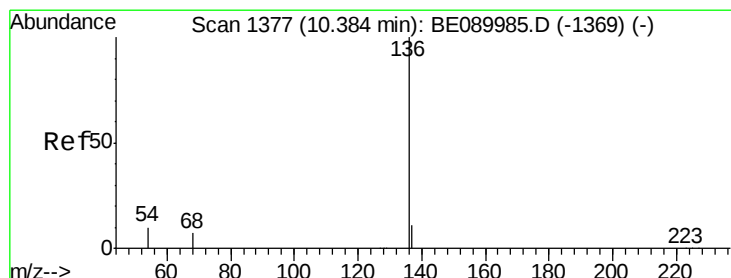
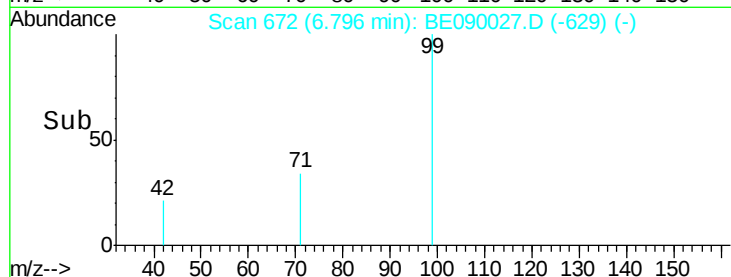
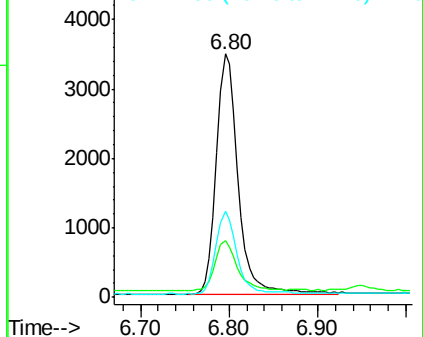
99 100

42 21.2 18.7 28.1

71 33.6 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Tgt Ion: 136 Resp: 78952

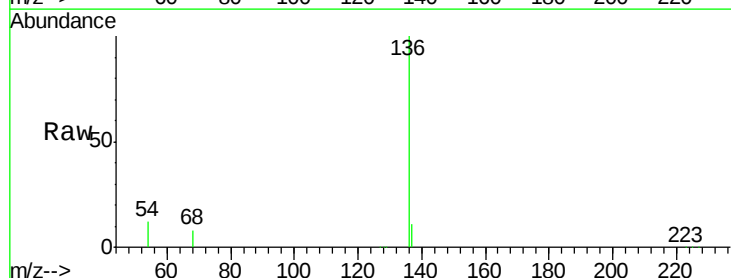
Ion Ratio Lower Upper

136 100

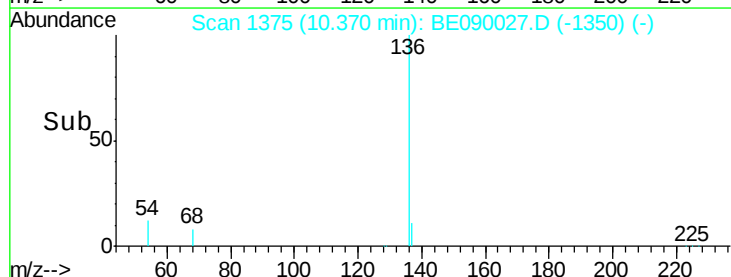
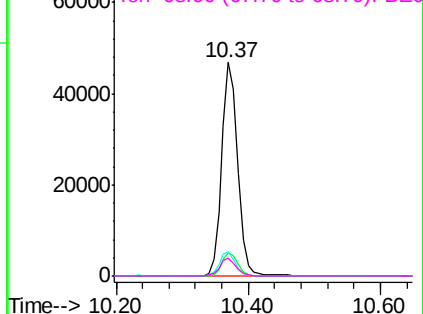
137 11.0 8.9 13.3

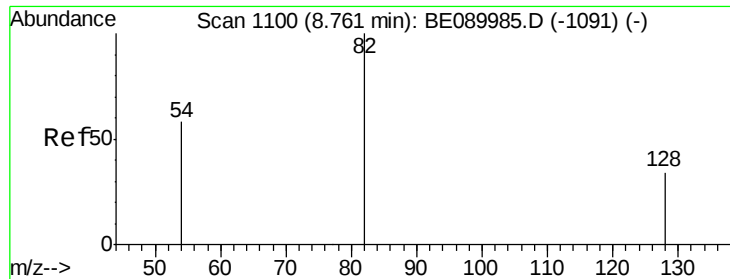
54 11.7 8.2 12.4

68 8.4 5.8 8.8



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: 0.90 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

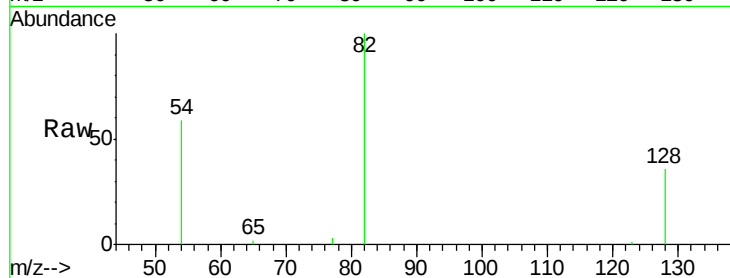
Tgt Ion: 82 Resp: 5643

Ion Ratio Lower Upper

82 100

128 36.2 28.0 42.0

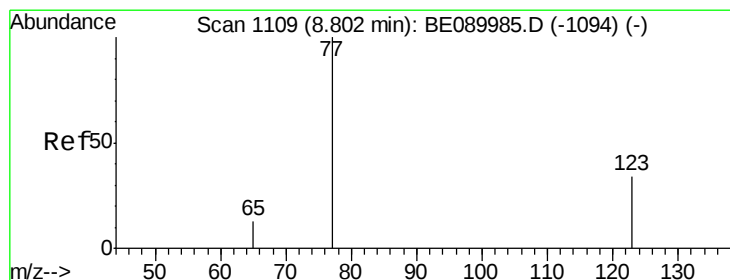
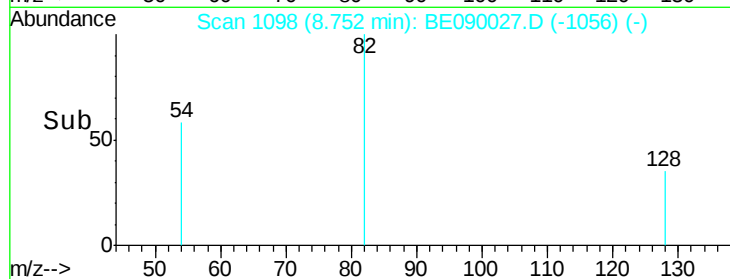
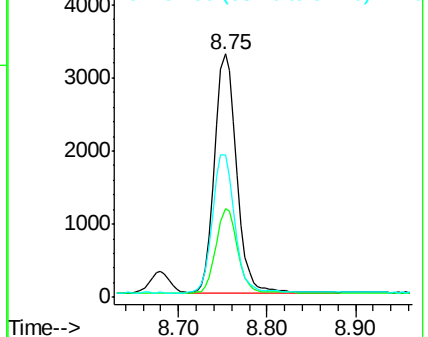
54 58.7 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.88 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

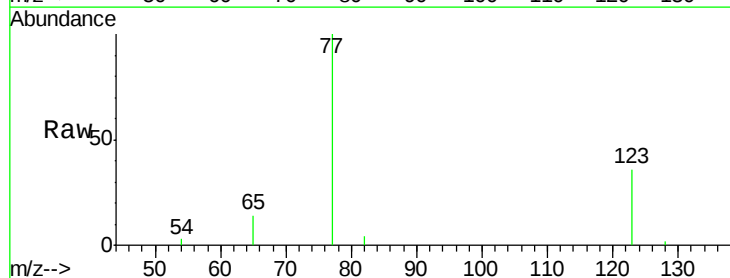
Tgt Ion: 77 Resp: 5881

Ion Ratio Lower Upper

77 100

123 35.6 27.4 41.0

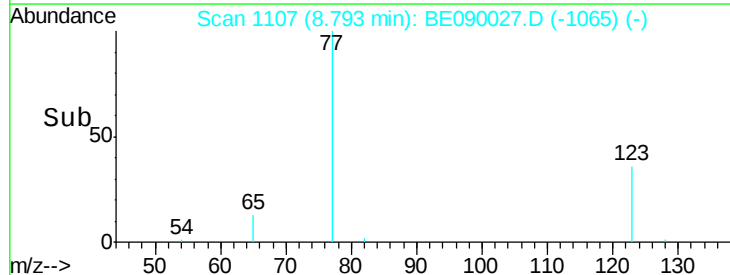
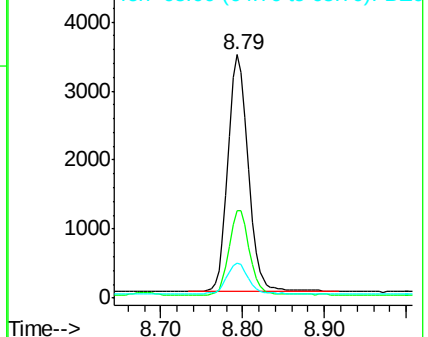
65 13.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.92 ng

RT: 10.42 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

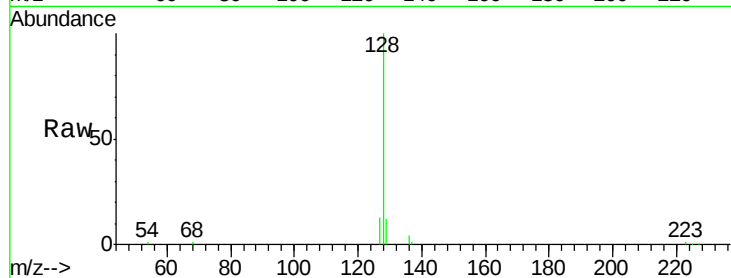
Tgt Ion:128 Resp: 16460

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

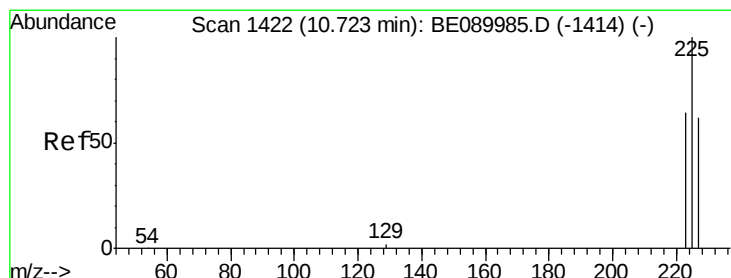
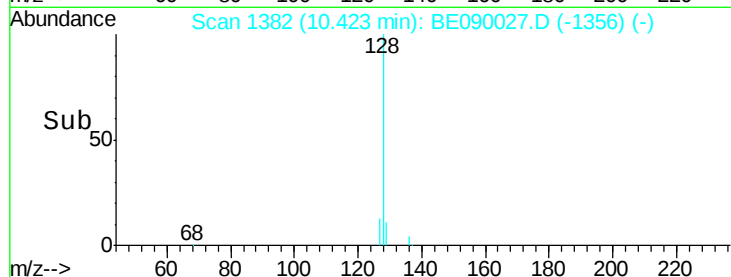
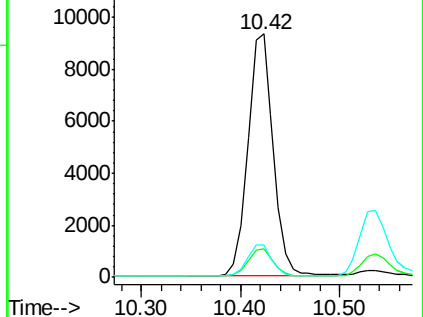
127 13.1 10.2 15.4



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: 0.94 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

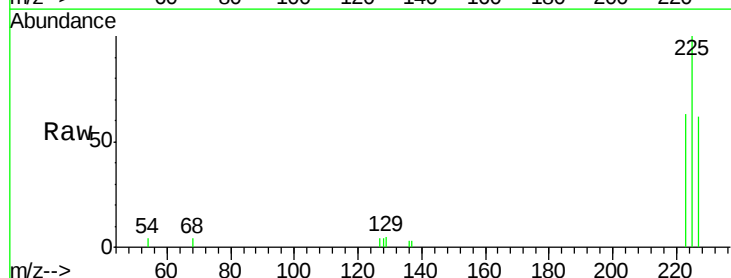
Tgt Ion:225 Resp: 2629

Ion Ratio Lower Upper

225 100

223 62.5 50.1 75.1

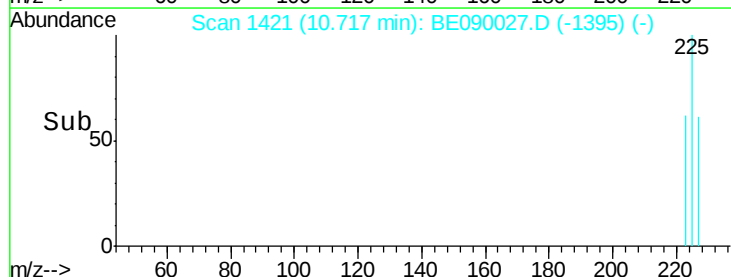
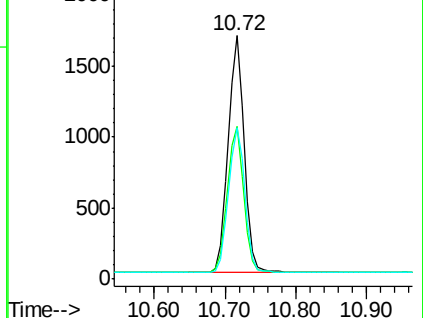
227 63.1 50.9 76.3

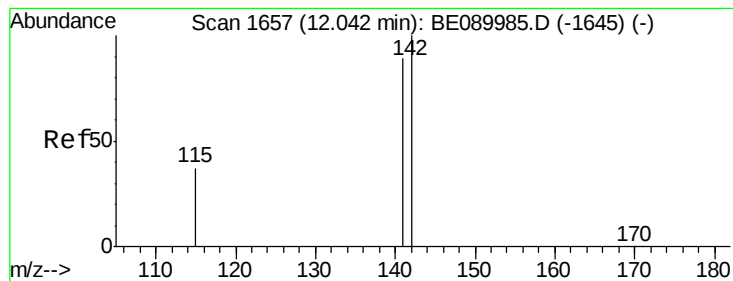


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.89 ng

RT: 12.04 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

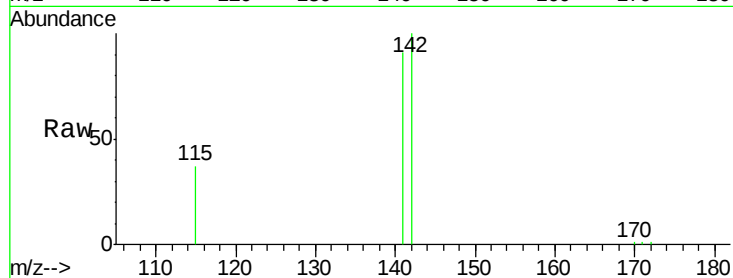
Tgt Ion:142 Resp: 10642

Ion Ratio Lower Upper

142 100

141 90.6 71.3 106.9

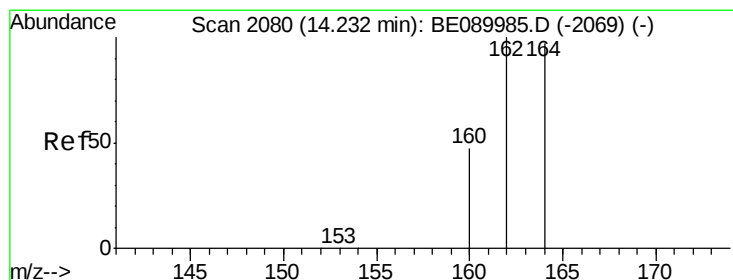
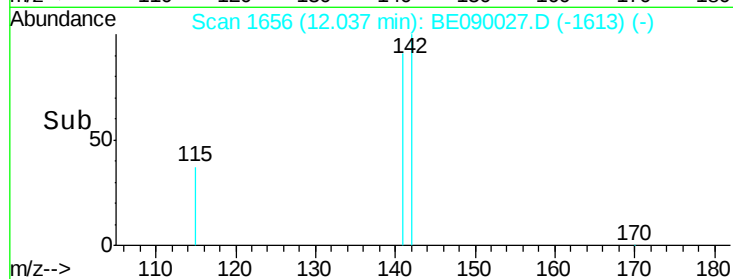
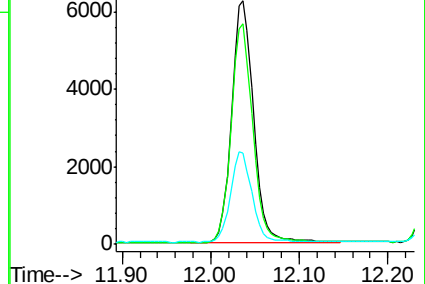
115 37.3 30.4 45.6



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: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

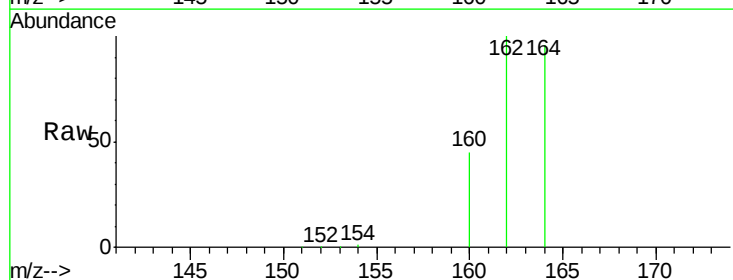
Tgt Ion:164 Resp: 44213

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.4

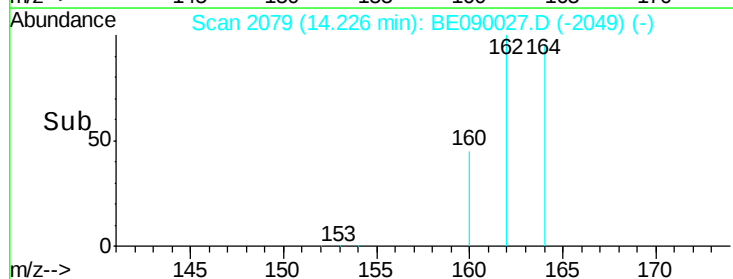
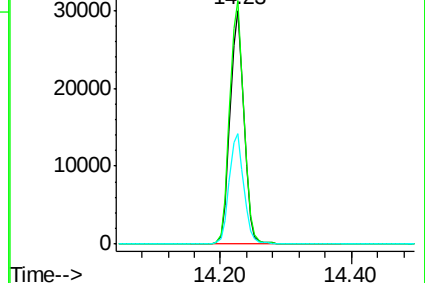
160 47.1 39.0 58.6



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

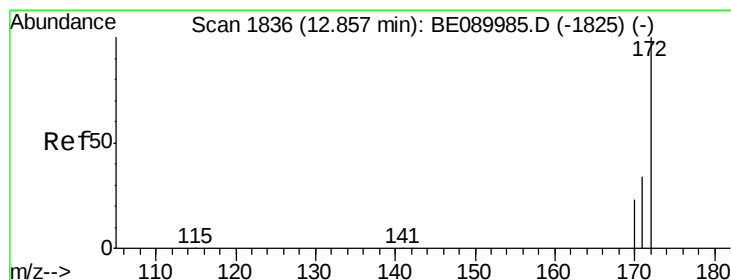
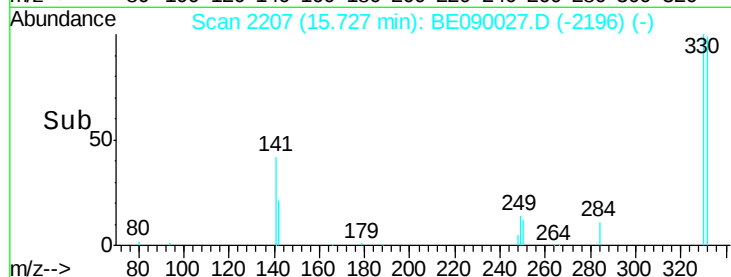
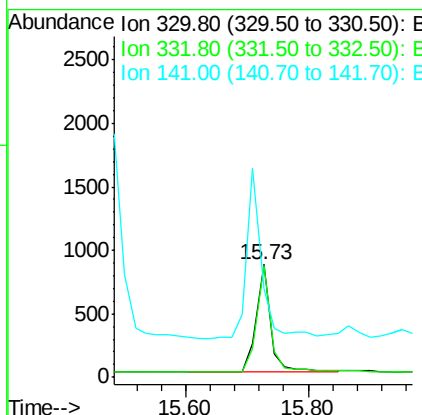
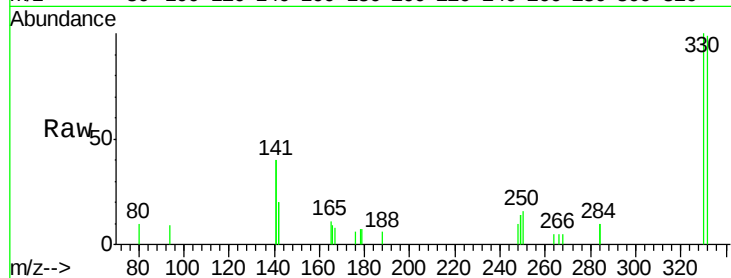




#13
 2,4,6-Tribromophenol
 Concen: 1.05 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

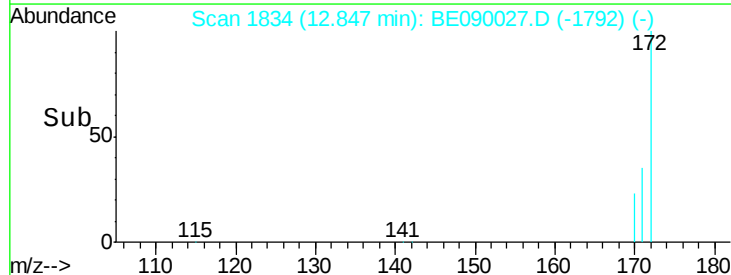
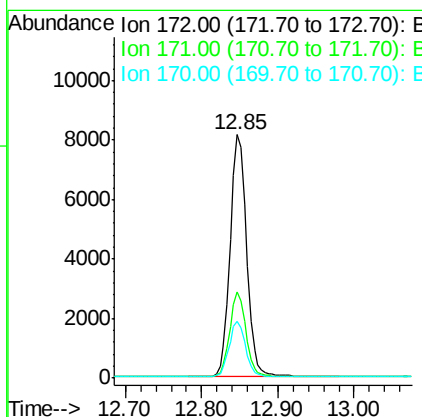
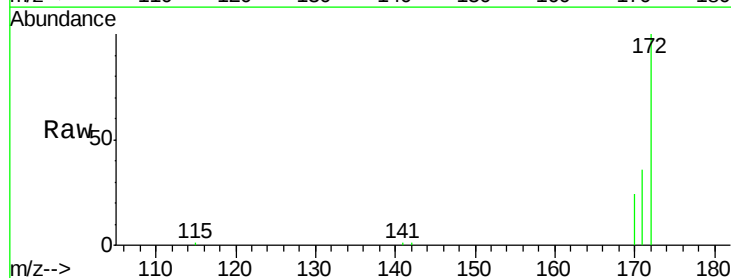
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

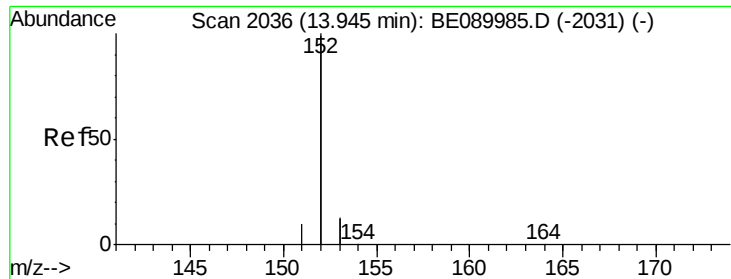
Tgt Ion: 330 Resp: 1362
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.4 114.6
 141 167.8 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 0.92 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Tgt Ion: 172 Resp: 12255
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.6
 170 23.5 18.3 27.5





#15

Acenaphthylene

Concen: 0.95 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

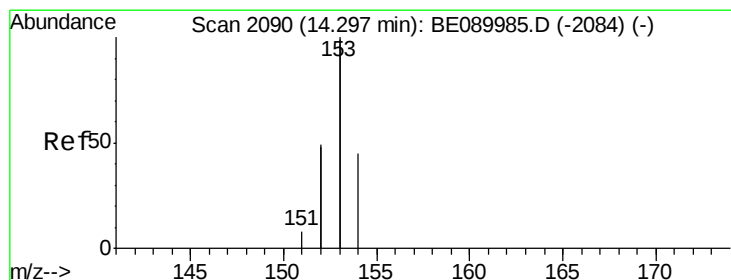
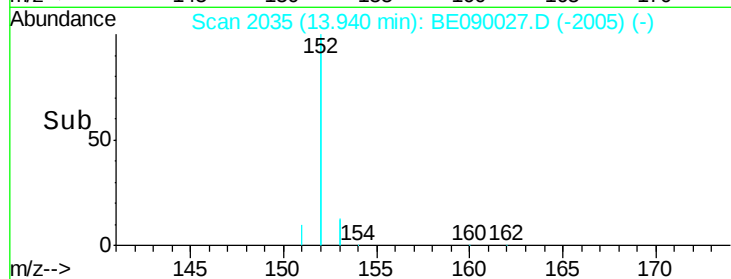
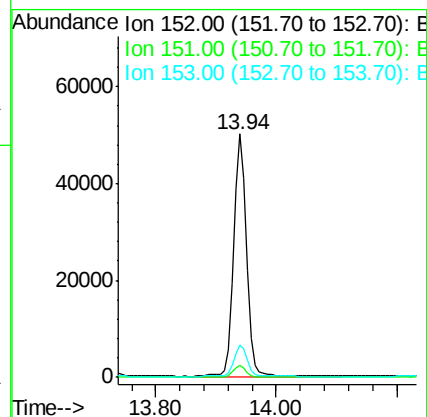
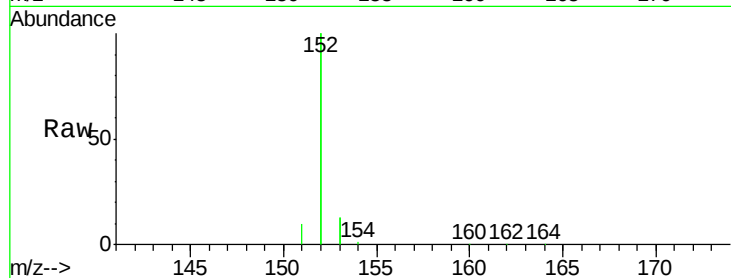
Tgt Ion:152 Resp: 75457

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

153 13.1 10.4 15.6



#16

Acenaphthene

Concen: 0.95 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

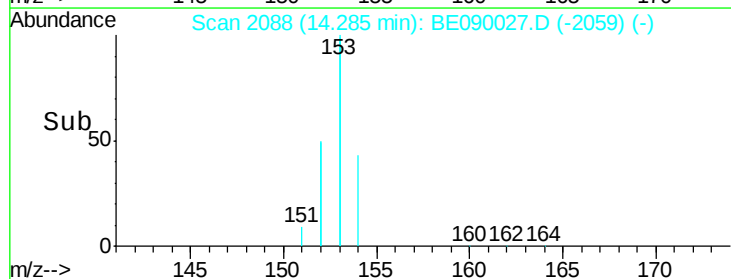
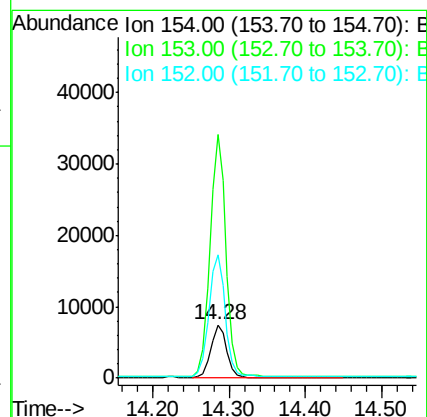
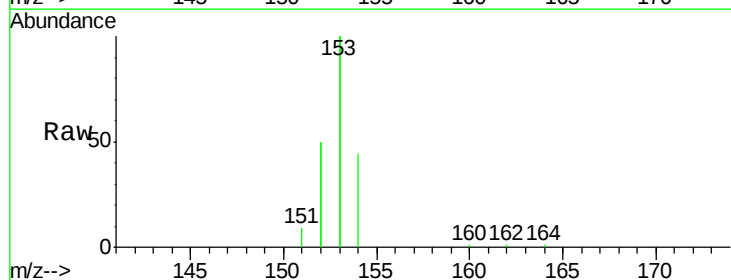
Tgt Ion:154 Resp: 10860

Ion Ratio Lower Upper

154 100

153 454.4 358.6 538.0

152 231.6 189.6 284.4

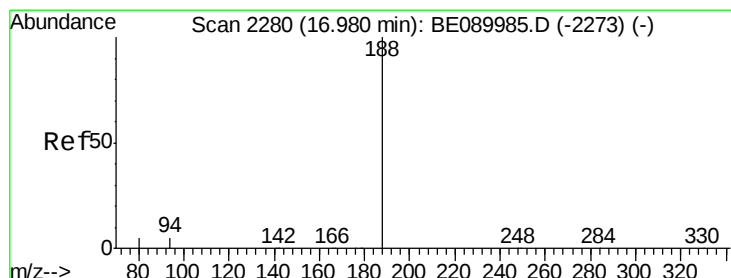
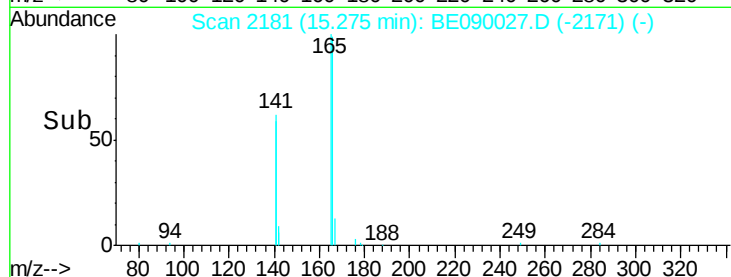
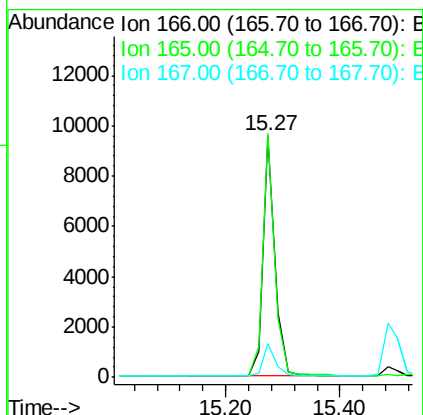
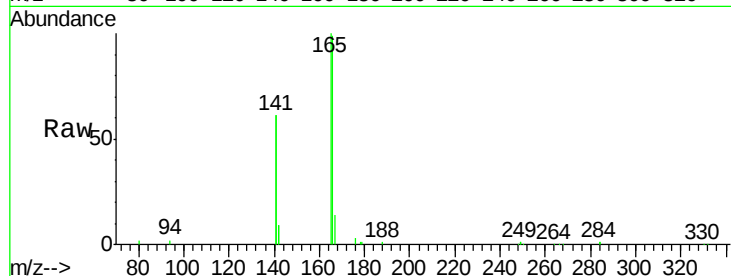




#17
Fluorene
 Concen: 0.90 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

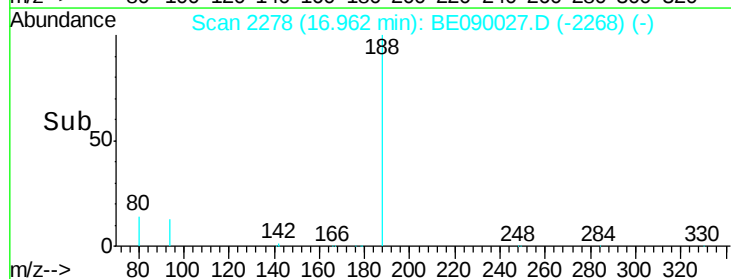
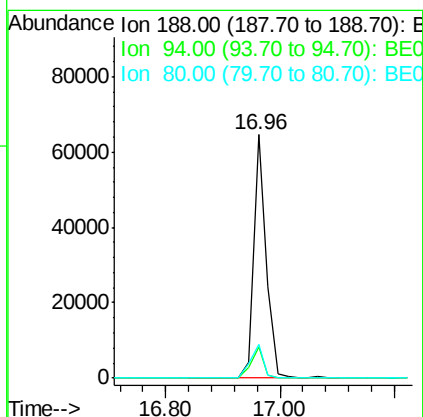
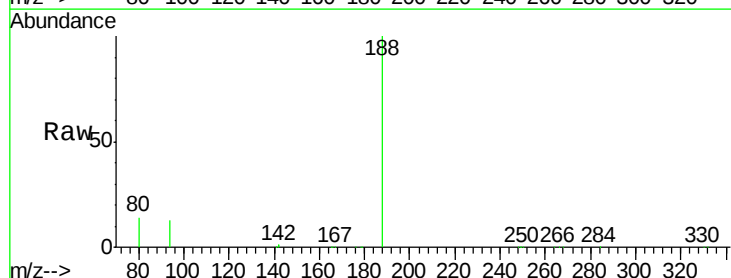
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:166 Resp: 14015
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.0 118.6
 167 14.6 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Tgt Ion:188 Resp: 99571
 Ion Ratio Lower Upper
 188 100
 94 12.7 4.1 6.1#
 80 14.0 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 0.90 ng

RT: 16.18 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

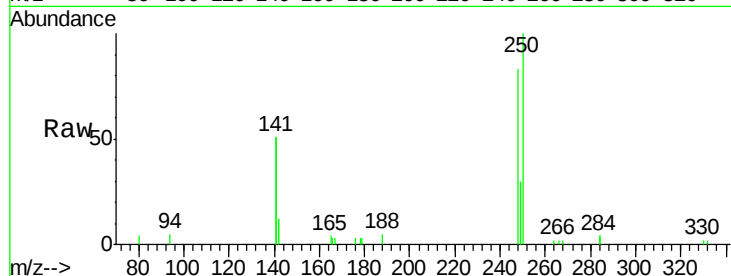
Tgt Ion:248 Resp: 3788

Ion Ratio Lower Upper

248 100

250 98.7 78.3 117.5

141 330.9 248.1 372.1

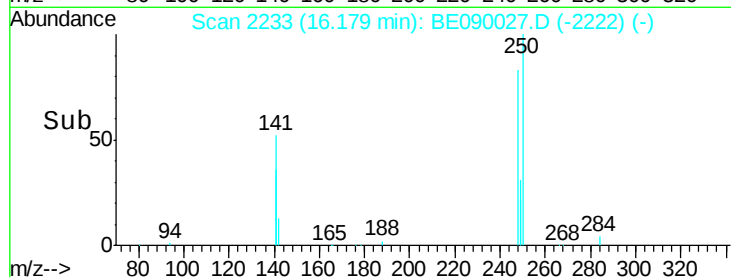


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



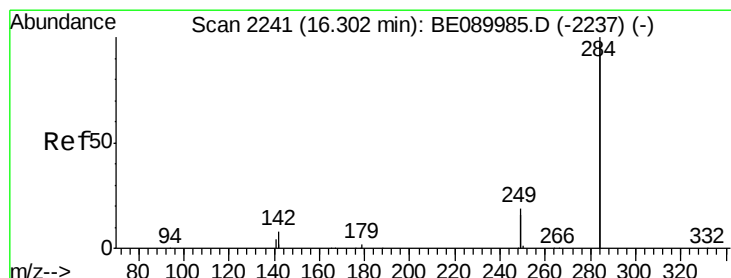
Abundance

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

Time-->



#20

Hexachlorobenzene

Concen: 0.90 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

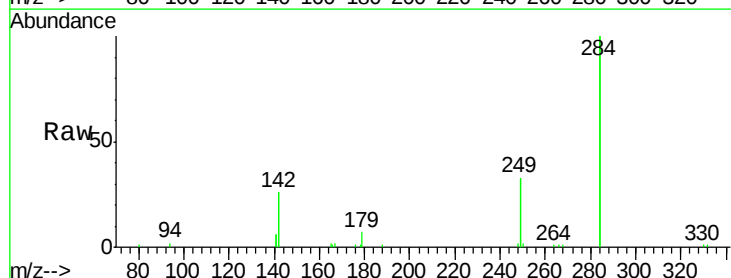
Tgt Ion:284 Resp: 15887

Ion Ratio Lower Upper

284 100

142 39.8 32.6 49.0

249 33.0 25.5 38.3

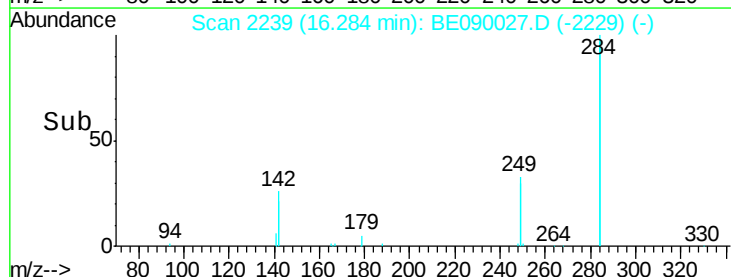


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



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

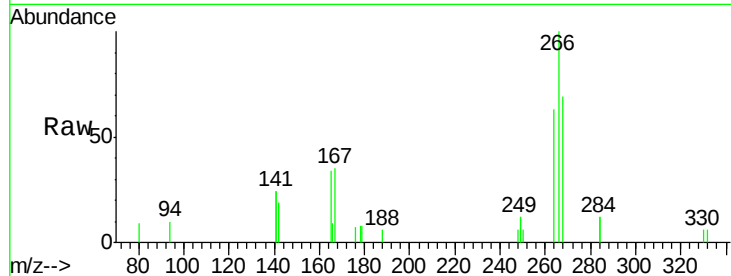
Time-->



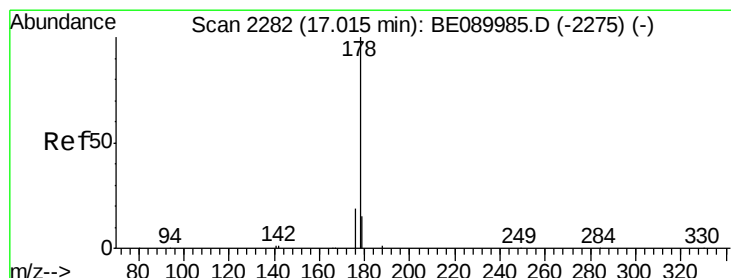
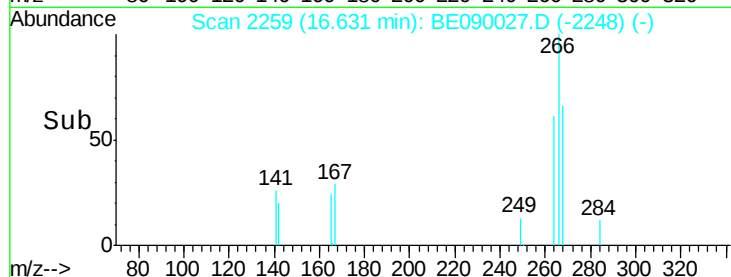
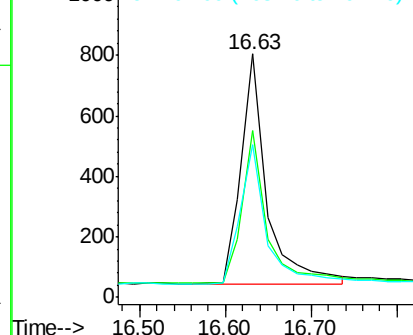
#21
 Pentachlorophenol
 Concen: 0.94 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 1590
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.8 77.8
 264 62.9 50.2 75.2

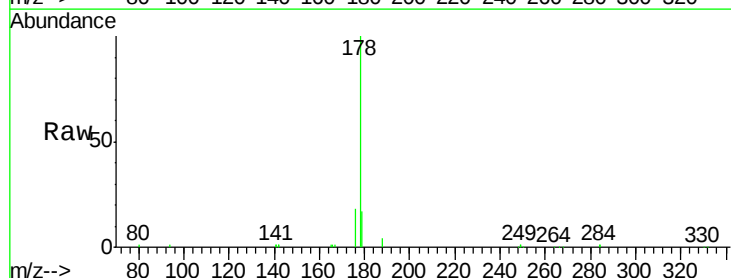


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

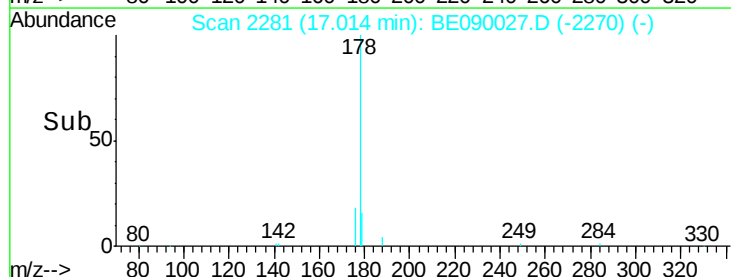
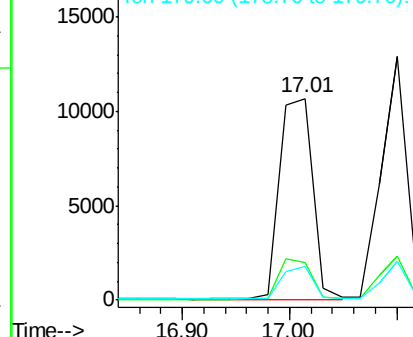


#22
 Phenanthrene
 Concen: 0.90 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Tgt Ion: 178 Resp: 22838
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.7 12.4 18.6



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: 0.91 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

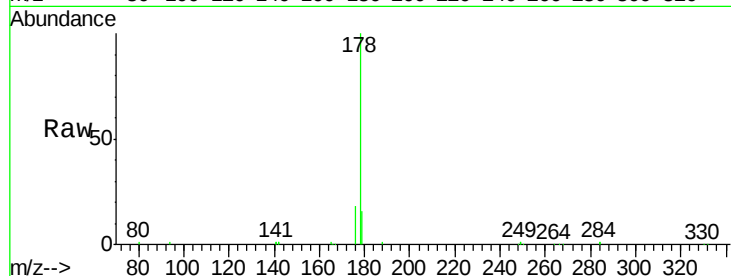
Tgt Ion:178 Resp: 21300

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

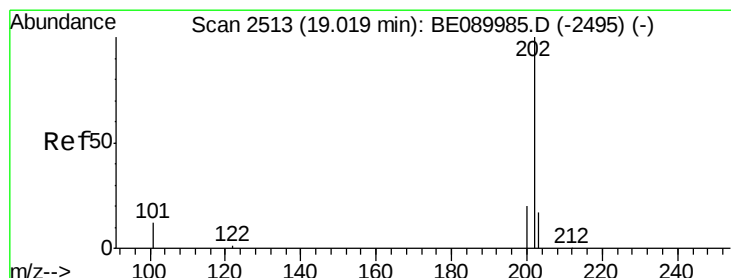
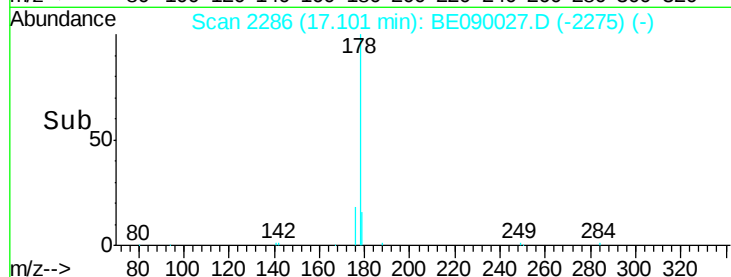
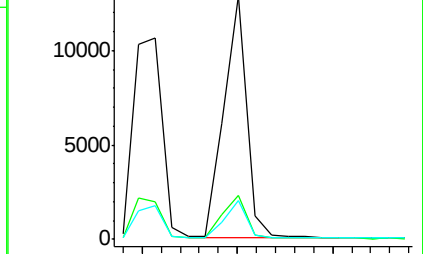
179 15.3 12.1 18.1



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: 0.95 ng

RT: 19.01 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

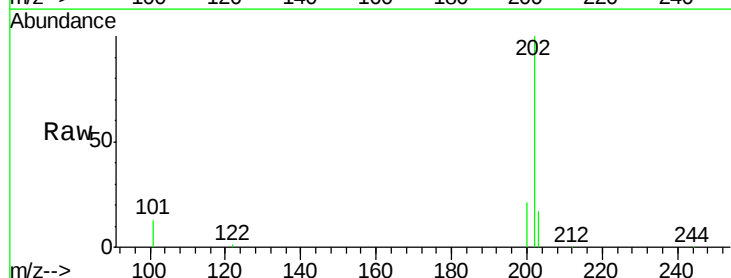
Tgt Ion:202 Resp: 27114

Ion Ratio Lower Upper

202 100

101 13.2 10.6 15.8

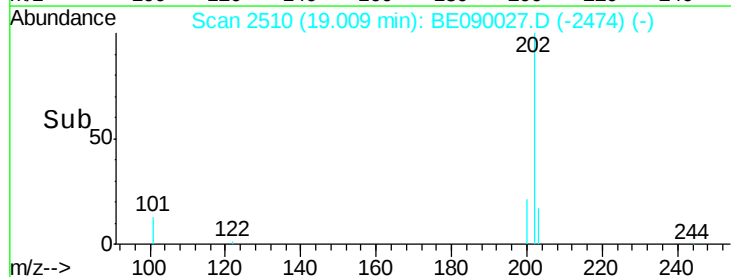
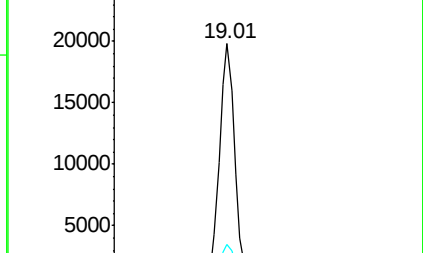
203 17.1 13.8 20.6

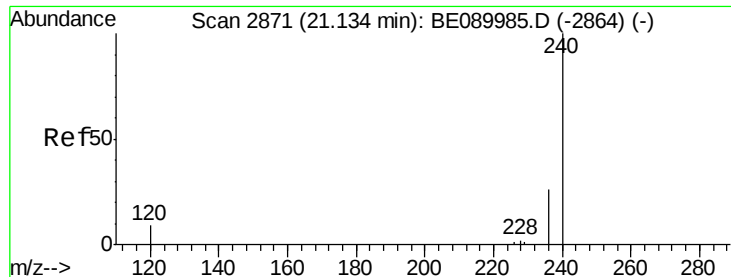


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

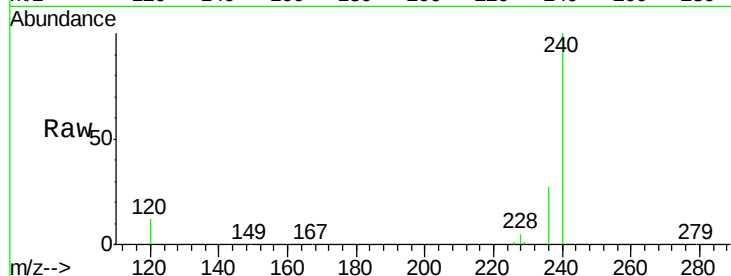
Tgt Ion:240 Resp: 129166

Ion Ratio Lower Upper

240 100

120 12.1 6.9 10.3#

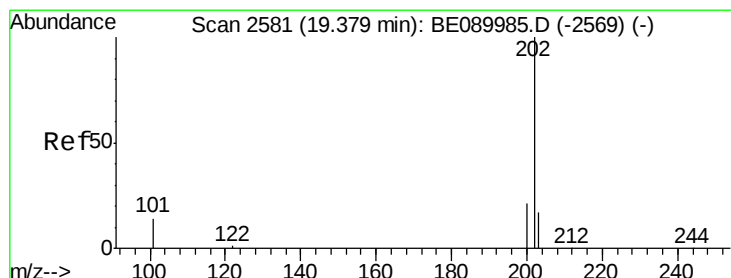
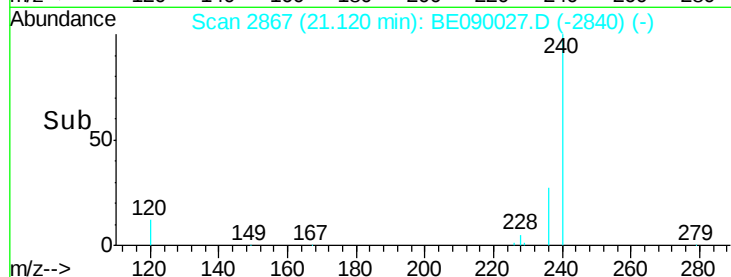
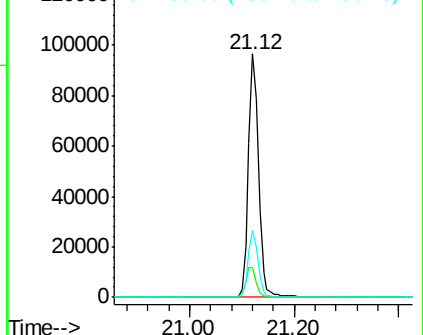
236 27.4 20.8 31.2



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: 0.92 ng

RT: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

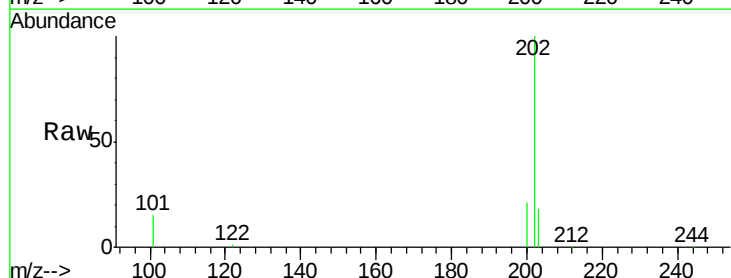
Tgt Ion:202 Resp: 28302

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

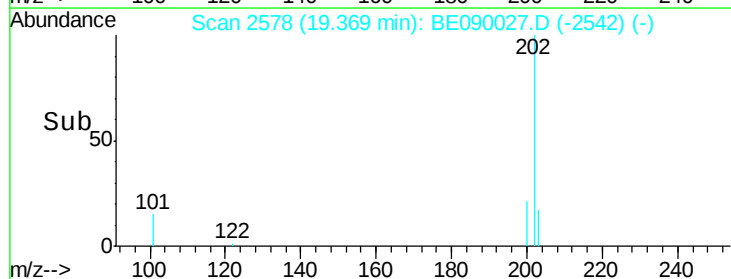
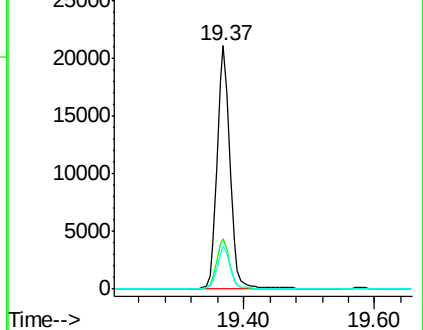
203 17.6 13.9 20.9



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

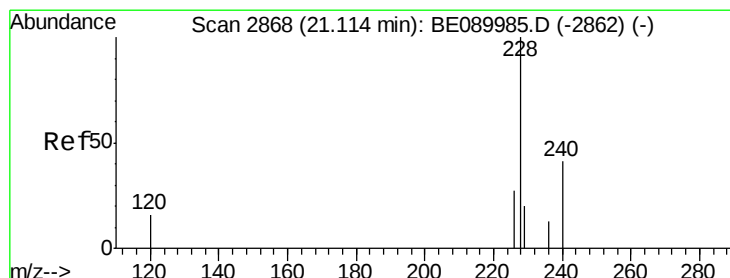
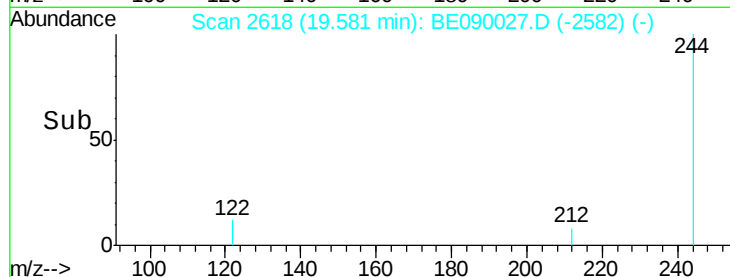
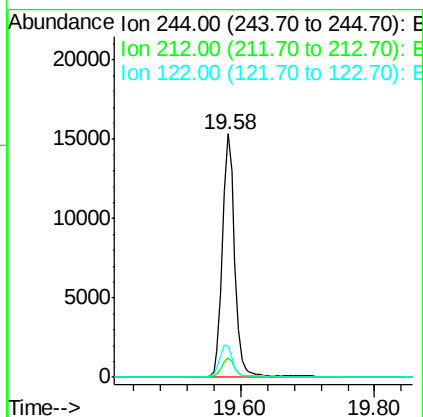
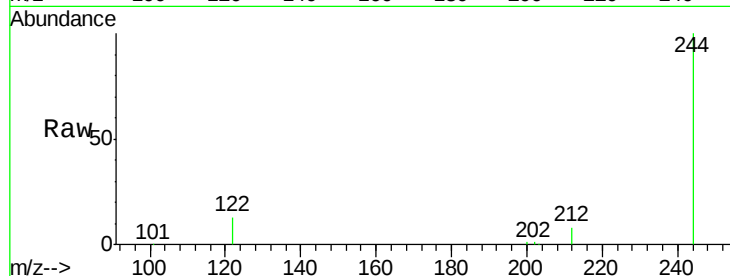




#27
 Terphenyl-d14
 Concen: 0.89 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

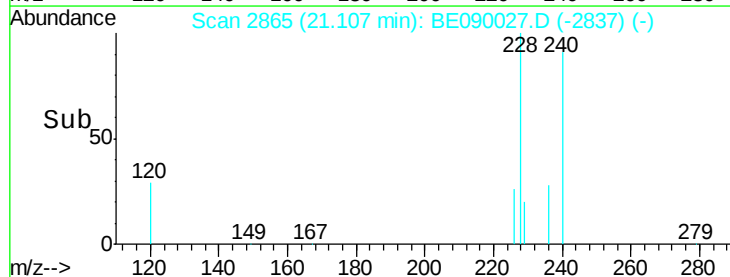
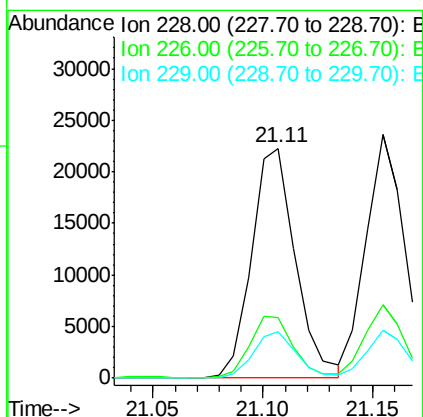
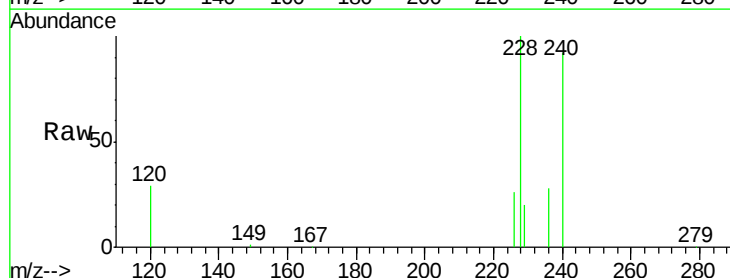
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

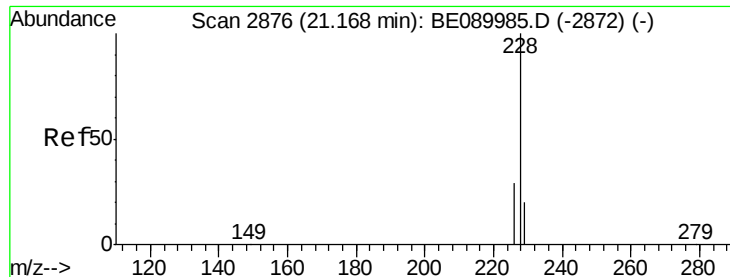
Tgt Ion: 244 Resp: 19162
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.5 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.95 ng
 RT: 21.11 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090027.D
 Acq: 1 Jul 2015 1:08

Tgt Ion: 228 Resp: 30621
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.8 32.6
 229 20.3 15.8 23.6





#29

Chrysene

Concen: 0.89 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

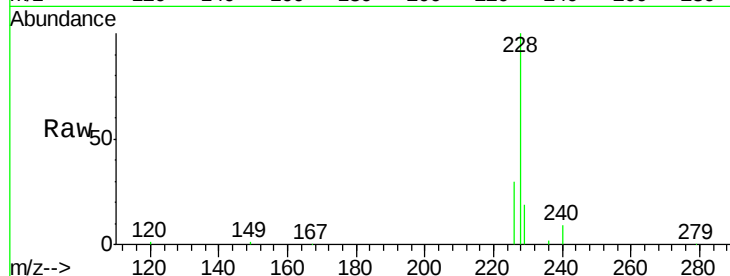
Tgt Ion:228 Resp: 29780

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

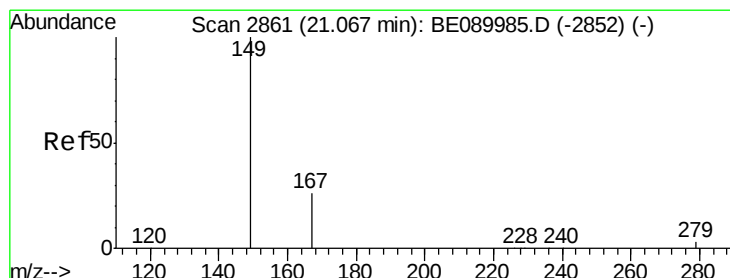
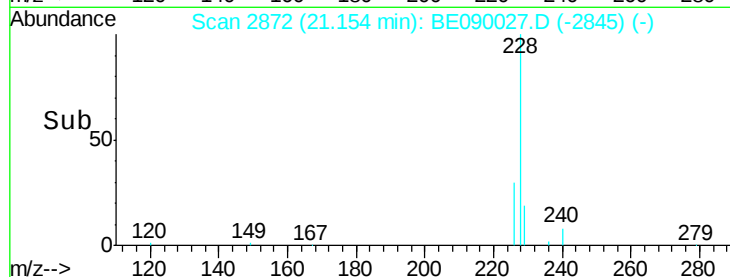
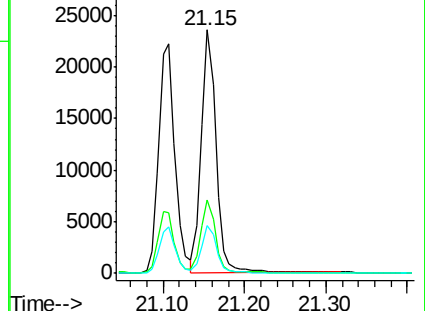
229 19.4 16.2 24.2



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: 1.25 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

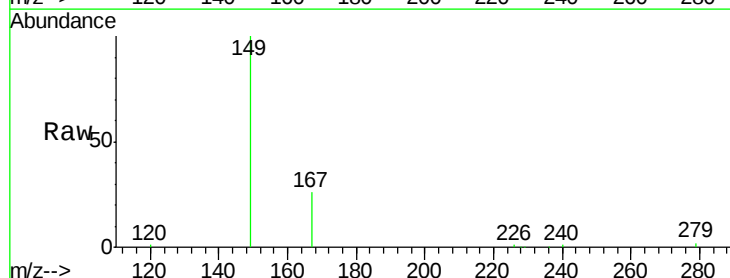
Tgt Ion:149 Resp: 14914

Ion Ratio Lower Upper

149 100

167 25.8 20.3 30.5

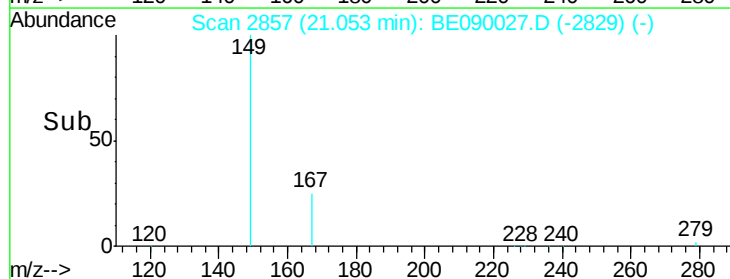
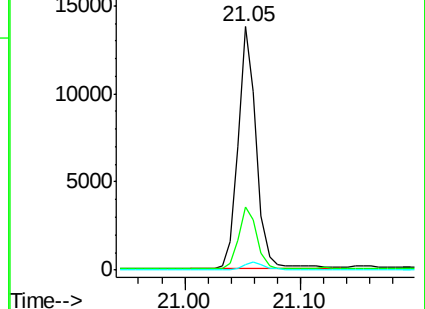
279 3.1 2.6 3.8

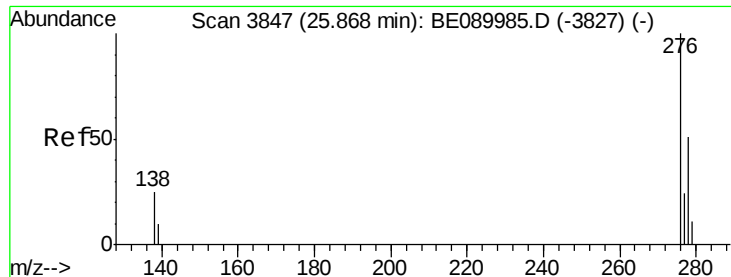


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

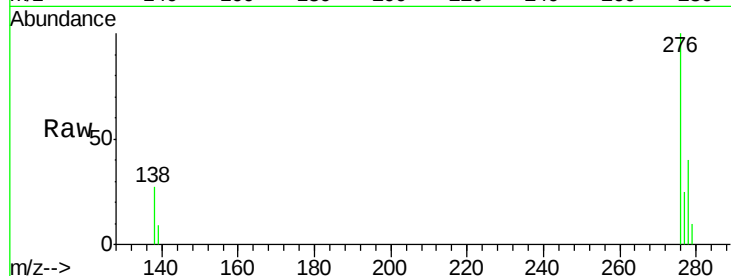
Tgt Ion:276 Resp: 34795

Ion Ratio Lower Upper

276 100

138 28.5 21.3 31.9

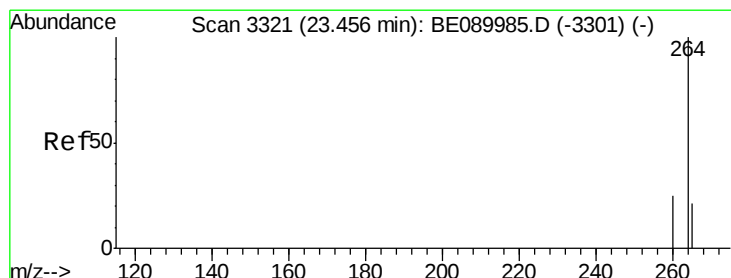
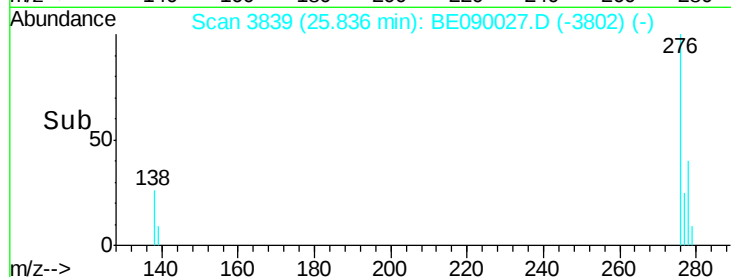
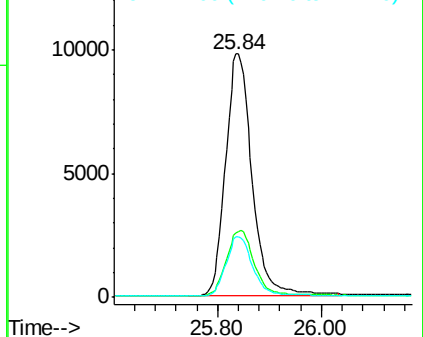
277 24.8 19.7 29.5



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: 23.44 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Tgt Ion:264 Resp: 128547

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

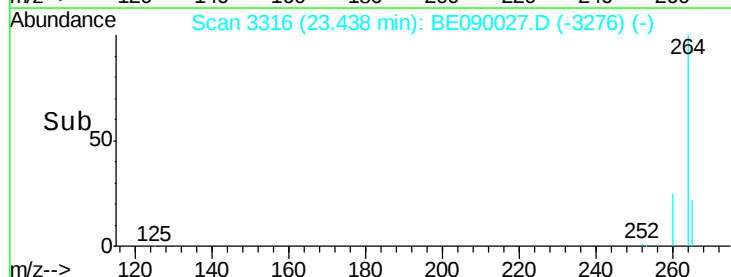
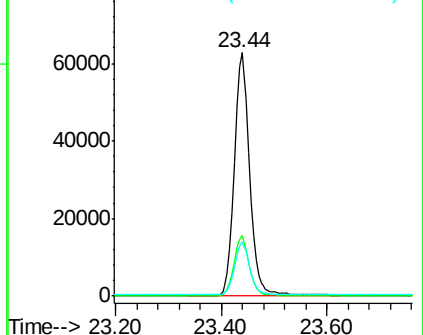
265 22.1 17.1 25.7



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

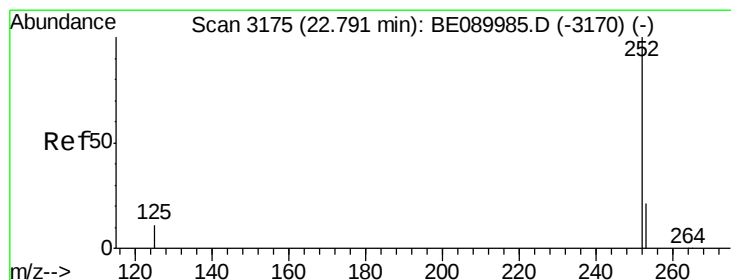
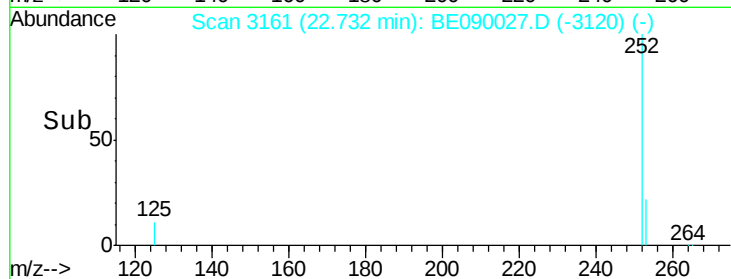
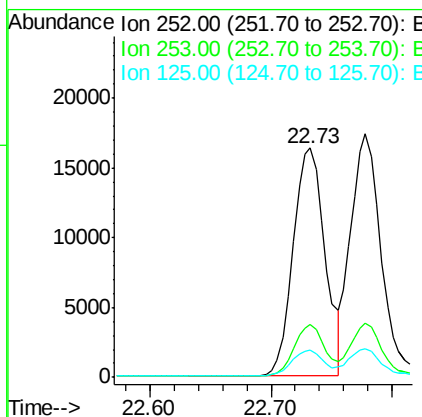
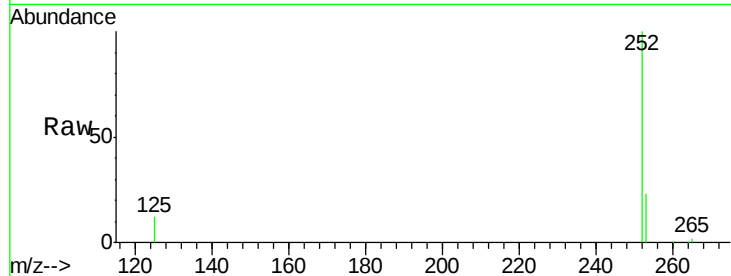




#33
Benzo(b)fluoranthene
Concen: 1.05 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE090027.D
Acq: 1 Jul 2015 1:08

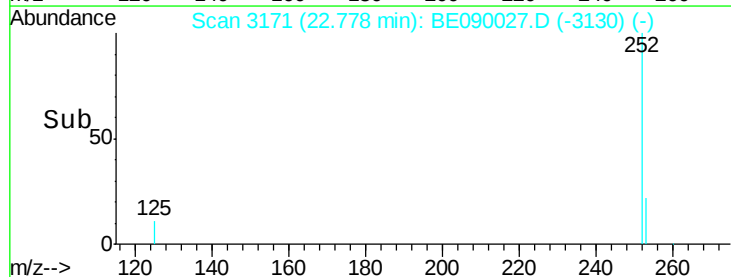
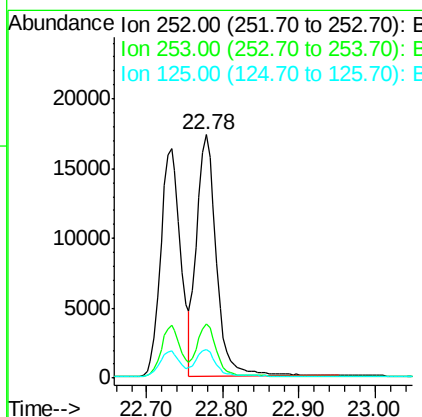
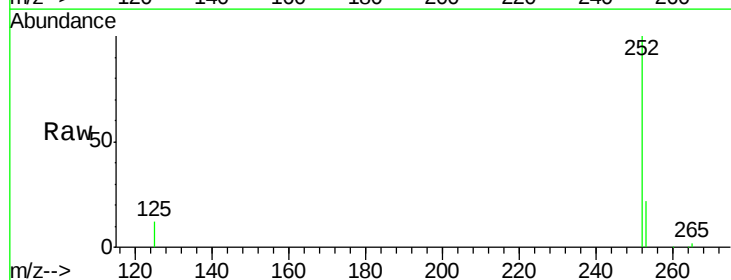
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 29808
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.9 9.0 13.4



#34
Benzo(k)fluoranthene
Concen: 0.98 ng
RT: 22.78 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BE090027.D
Acq: 1 Jul 2015 1:08

Tgt Ion:252 Resp: 31039
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.7 9.5 14.3





#35

Benzo(a)pyrene

Concen: 1.06 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

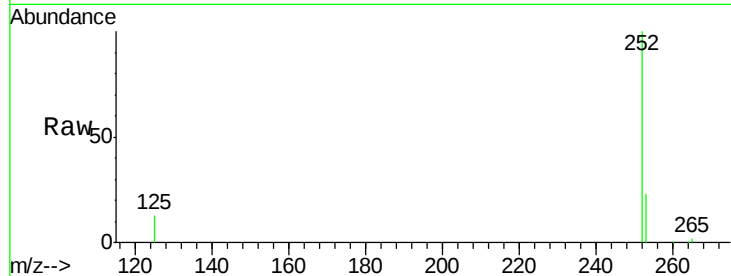
Tgt Ion:252 Resp: 27645

Ion Ratio Lower Upper

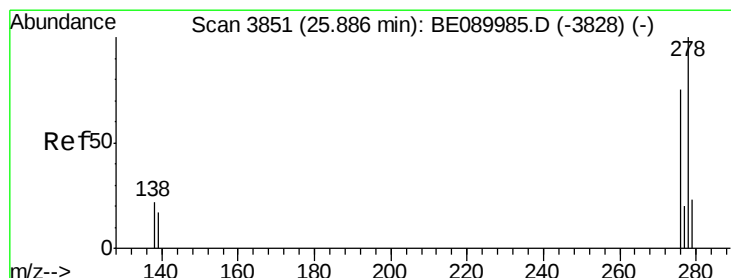
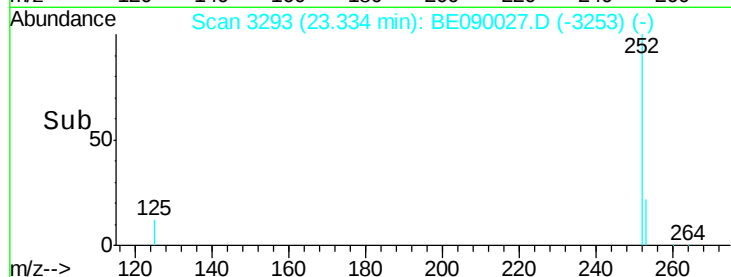
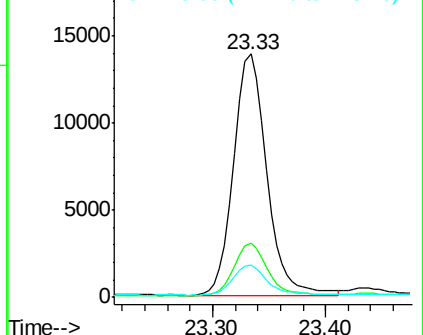
252 100

253 22.5 17.4 26.2

125 13.2 10.5 15.7



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



#36

Dibenzo(a,h)anthracene

Concen: 1.04 ng

RT: 25.86 min Scan# 3844

Delta R.T. -0.03 min

Lab File: BE090027.D

Acq: 1 Jul 2015 1:08

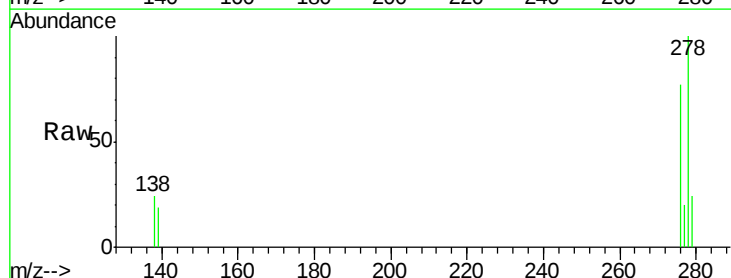
Tgt Ion:278 Resp: 28054

Ion Ratio Lower Upper

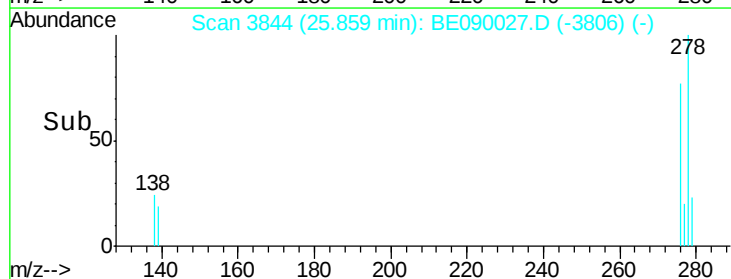
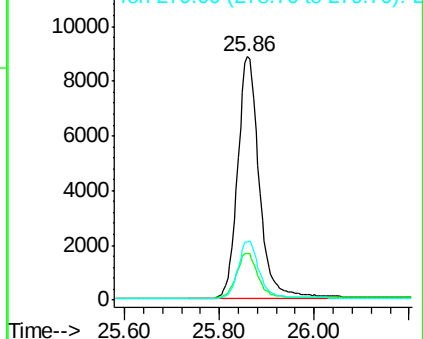
278 100

139 19.3 14.4 21.6

279 23.9 19.0 28.6



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: 1.04 ng

RT: 26.57 min Scan# 4001

Delta R.T. -0.03 min

Lab File: BE090027.D

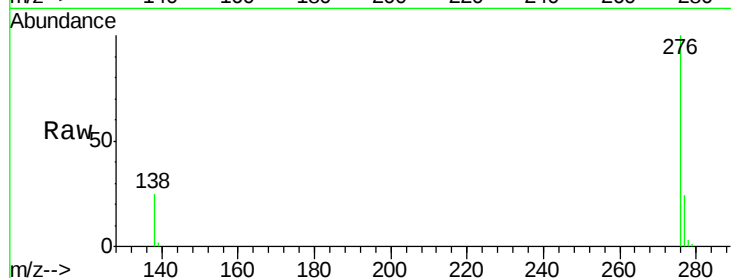
Acq: 1 Jul 2015 1:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 28341

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 24.8 18.6 27.8

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

