

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070615\
 Data File : BE090060.D
 Acq On : 6 Jul 2015 19:18
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jul 07 01:17:15 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

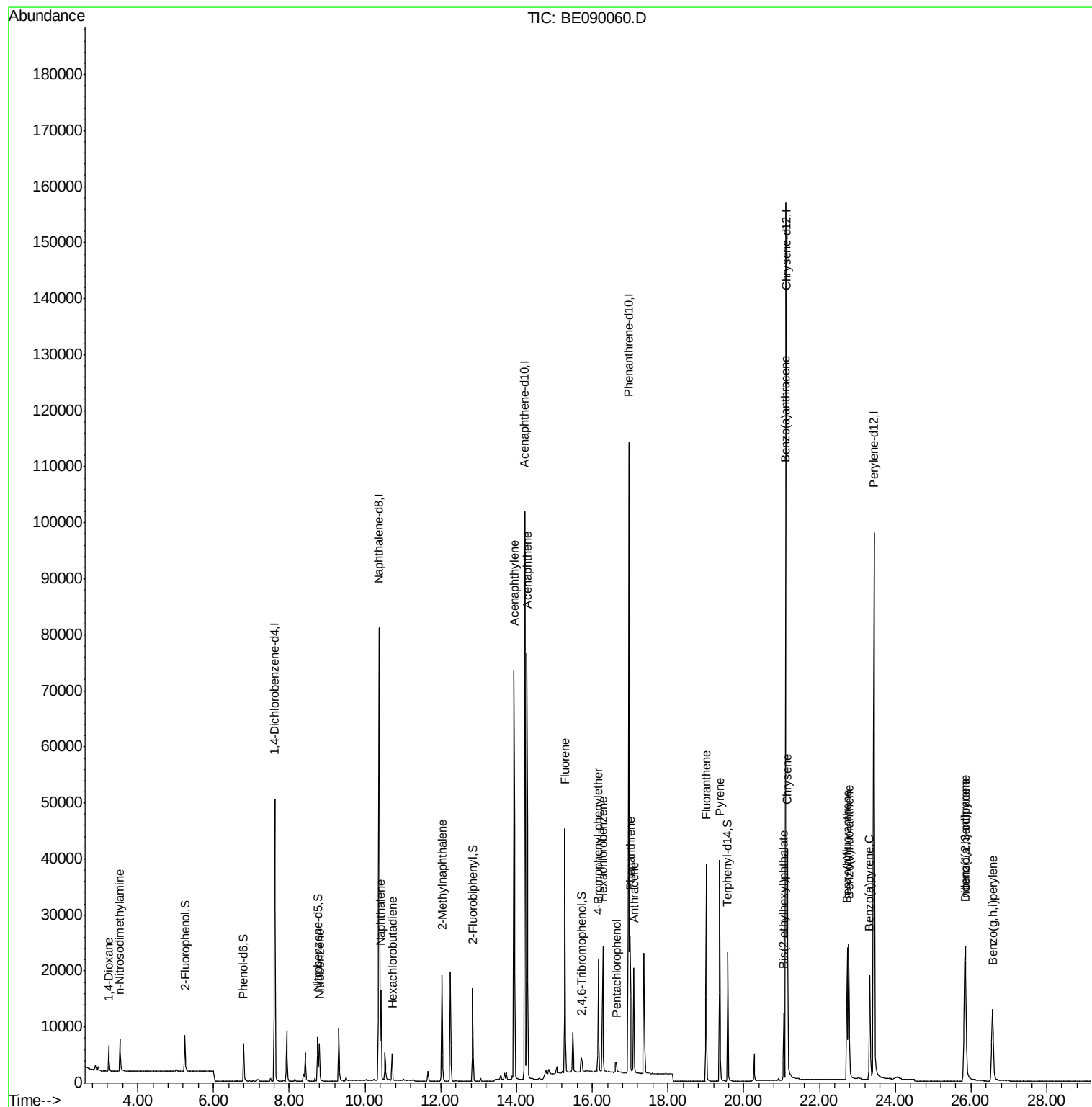
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	23959	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	104080	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	58377	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	133688	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	154158	5.00	ng	-0.01
32) Perylene-d12	23.43	264	141308	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	5065	0.92	ng	0.00
5) Phenol-d6	6.80	99	7323	0.95	ng	0.00
7) Nitrobenzene-d5	8.75	82	7097	0.86	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1350	0.79	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	15940	0.91	ng	-0.01
27) Terphenyl-d14	19.58	244	23680	0.92	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	2676	0.81	ng	97
3) n-Nitrosodimethylamine	3.52	42	3633	0.82	ng	94
8) Nitrobenzene	8.79	77	7487	0.85	ng	99
9) Naphthalene	10.41	128	21669	0.92	ng	99
10) Hexachlorobutadiene	10.72	225	3491	0.94	ng	99
11) 2-Methylnaphthalene	12.03	142	13870	0.88	ng	100
15) Acenaphthylene	13.93	152	96637	0.92	ng	100
16) Acenaphthene	14.29	154	14145	0.93	ng	98
17) Fluorene	15.27	166	18347	0.89	ng	100
19) 4-Bromophenyl-phenylether	16.16	248	4944	0.87	ng	94
20) Hexachlorobenzene	16.28	284	21186	0.90	ng	97
21) Pentachlorophenol	16.63	266	1467	0.73	ng	96
22) Phenanthrene	17.00	178	29904	0.87	ng	100
23) Anthracene	17.10	178	28192	0.90	ng	100
24) Fluoranthene	19.00	202	33656	0.88	ng	100
26) Pyrene	19.36	202	34978	0.95	ng	100
28) Benzo(a)anthracene	21.10	228	35381	0.92	ng	99
29) Chrysene	21.15	228	36059	0.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	10620	0.87	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	35074	0.92	ng	99
33) Benzo(b)fluoranthene	22.73	252	31802	1.02	ng	100
34) Benzo(k)fluoranthene	22.77	252	34154	0.98	ng	99
35) Benzo(a)pyrene	23.32	252	29097	1.01	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	28084	0.95	ng	98
37) Benzo(g,h,i)perylene	26.57	276	28394	0.95	ng	98

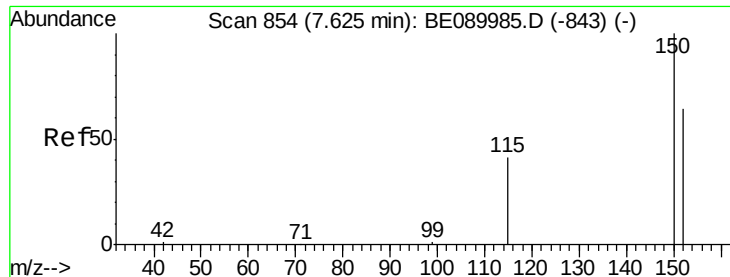
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070615\
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Sample : SSTDCCC001
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Jul 07 01:17:15 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: 7.61 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

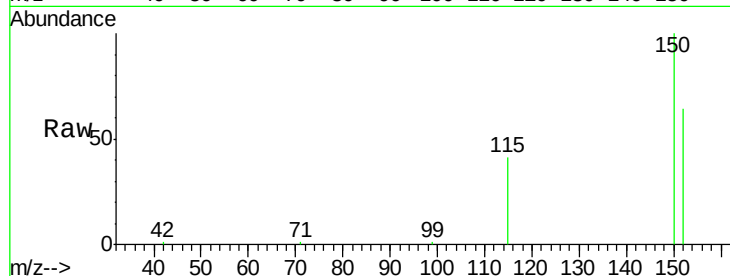
Tgt Ion:152 Resp: 23959

Ion Ratio Lower Upper

152 100

150 156.1 123.9 185.9

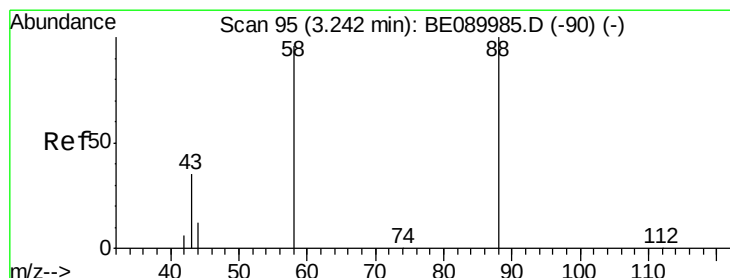
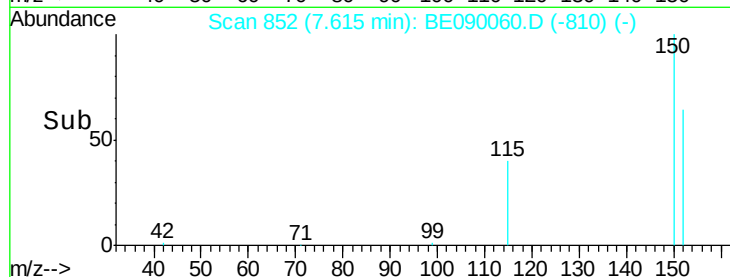
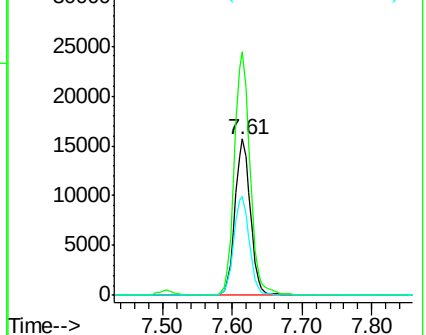
115 63.3 50.6 76.0



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: 0.81 ng

RT: 3.23 min Scan# 93

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

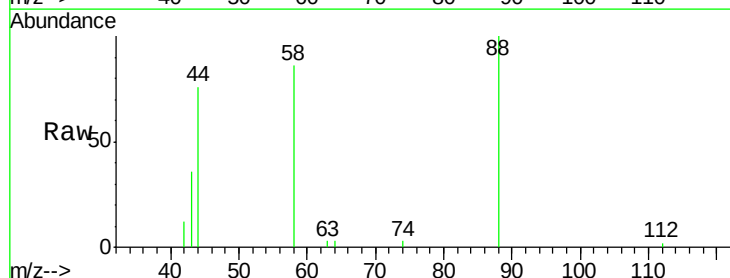
Tgt Ion: 88 Resp: 2676

Ion Ratio Lower Upper

88 100

58 85.9 70.9 106.3

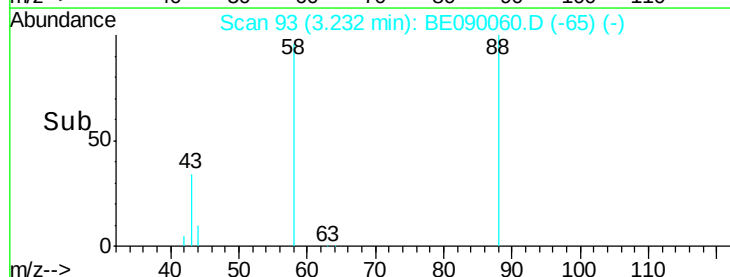
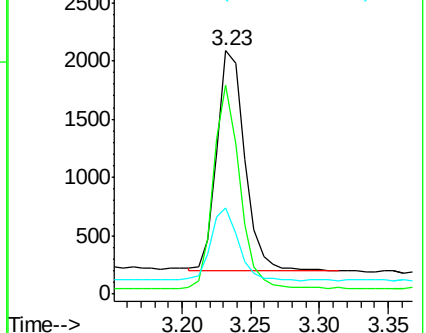
43 32.1 27.6 41.4

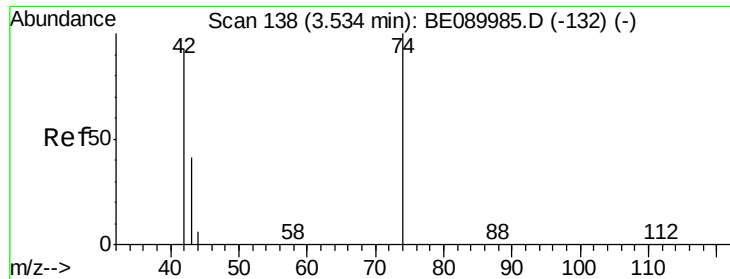


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.82 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

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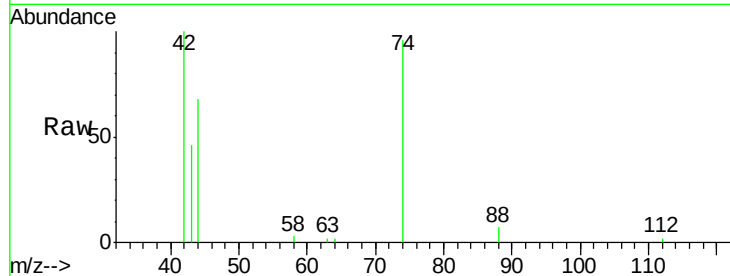
Tgt Ion: 42 Resp: 3633

Ion Ratio Lower Upper

42 100

74 118.2 89.4 134.2

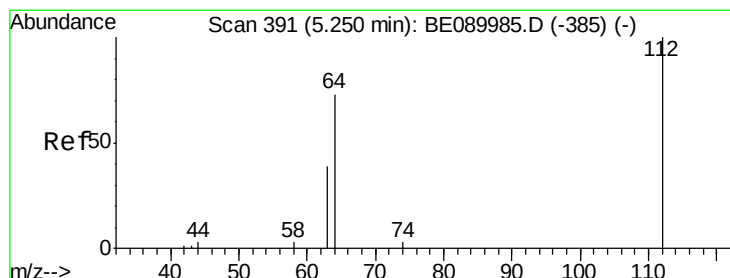
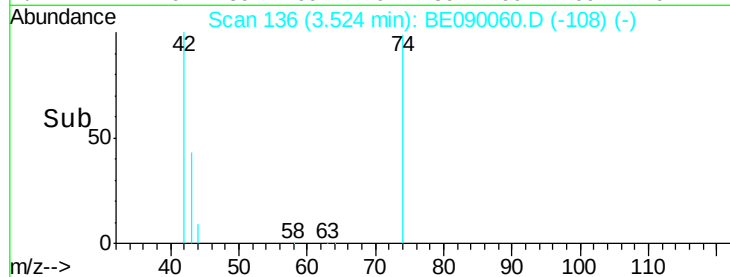
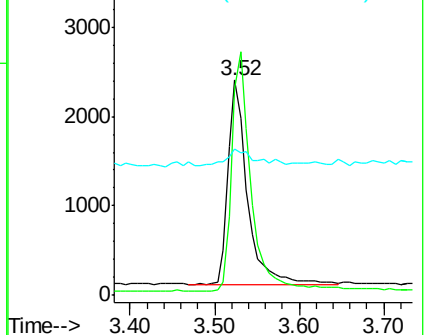
44 9.7 6.9 10.3



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: 0.92 ng

RT: 5.25 min Scan# 390

Delta R.T. -0.00 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

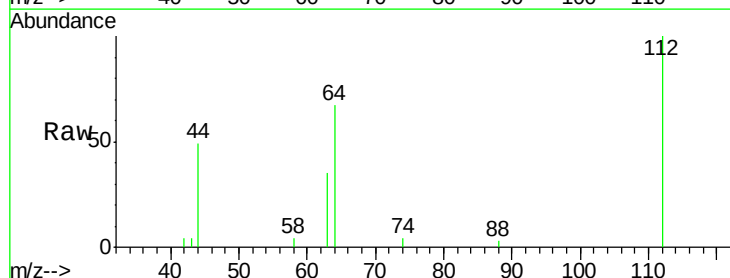
Tgt Ion: 112 Resp: 5065

Ion Ratio Lower Upper

112 100

64 70.6 56.3 84.5

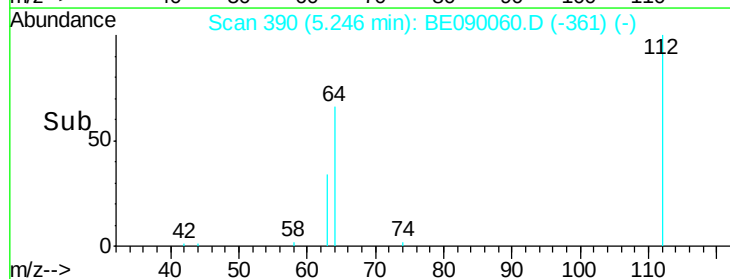
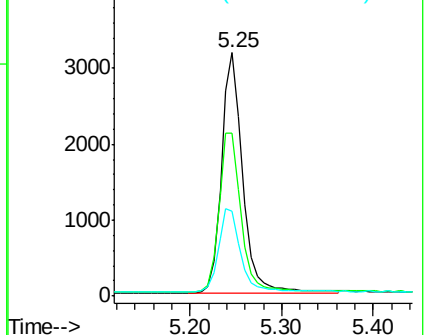
63 36.3 29.8 44.6

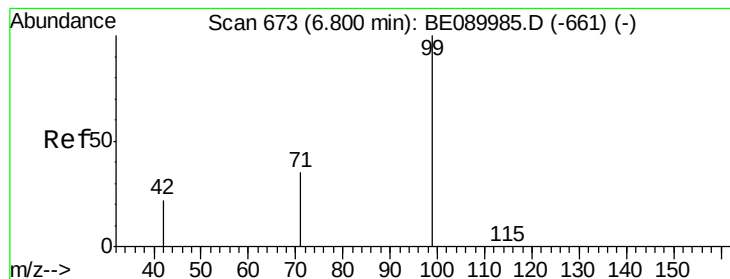


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

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SSTDCCC001EC

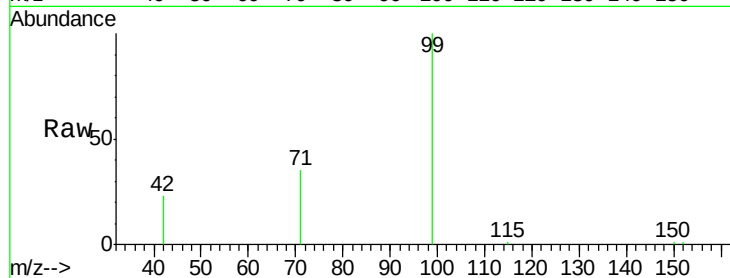
Tgt Ion: 99 Resp: 7323

Ion Ratio Lower Upper

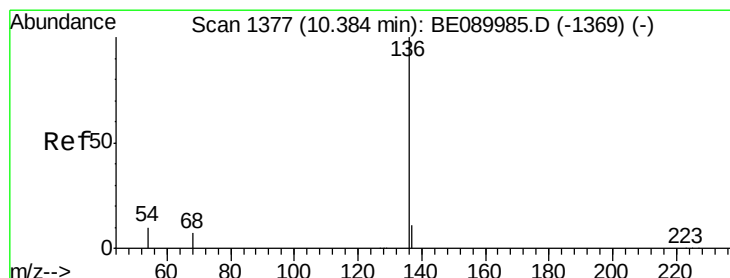
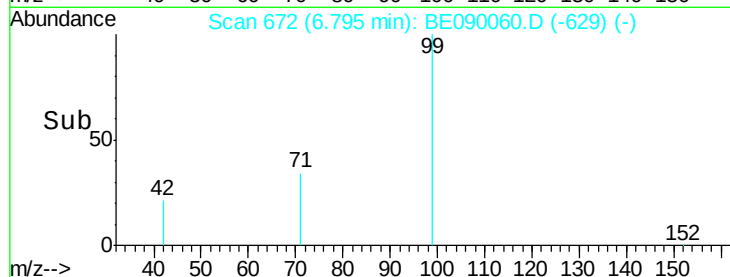
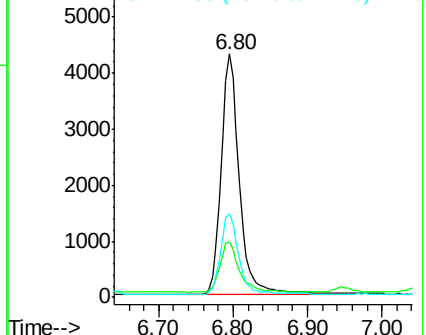
99 100

42 22.5 18.7 28.1

71 34.4 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: BE090060.D

Acq: 6 Jul 2015 19:18

Tgt Ion: 136 Resp: 104080

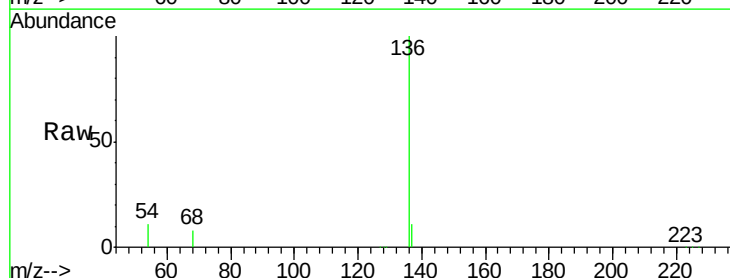
Ion Ratio Lower Upper

136 100

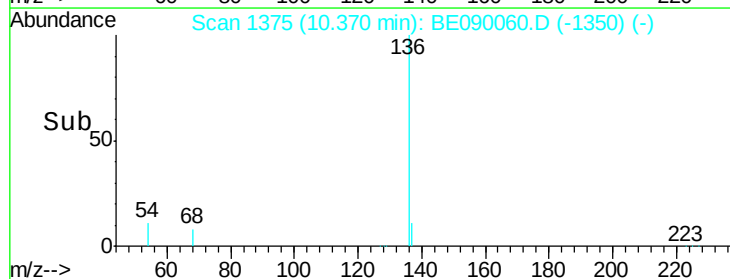
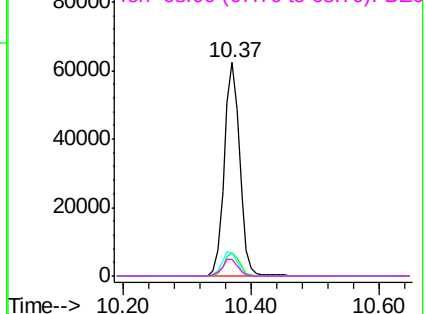
137 11.1 8.9 13.3

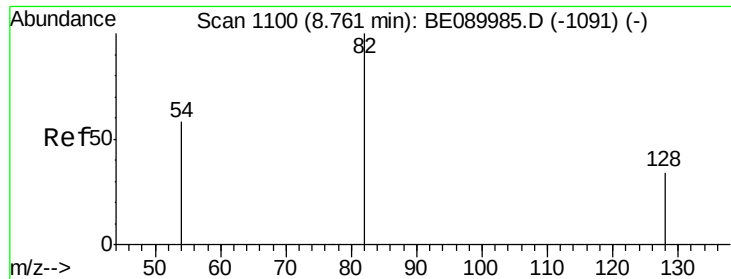
54 10.9 8.2 12.4

68 7.8 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: 0.86 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

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ClientSampleId :

SSTDCCC001EC

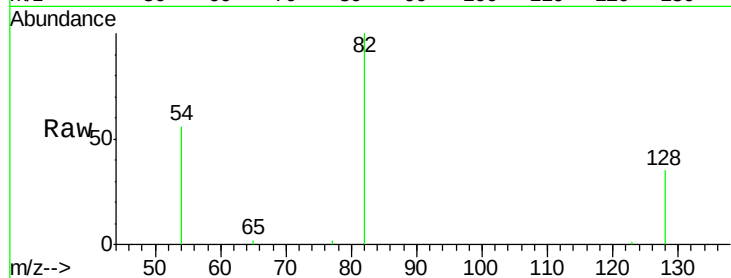
Tgt Ion: 82 Resp: 7097

Ion Ratio Lower Upper

82 100

128 35.2 28.0 42.0

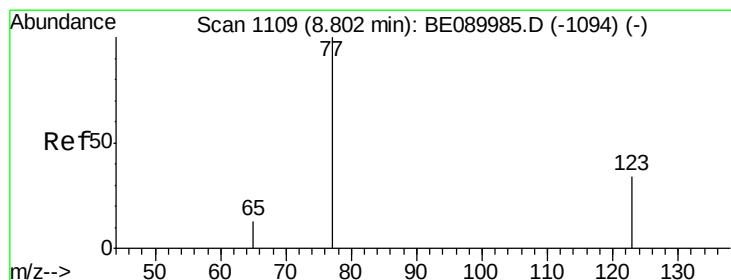
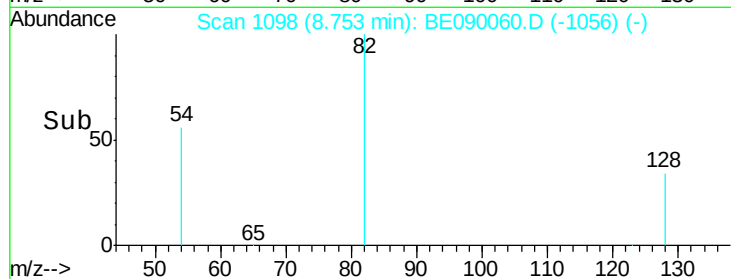
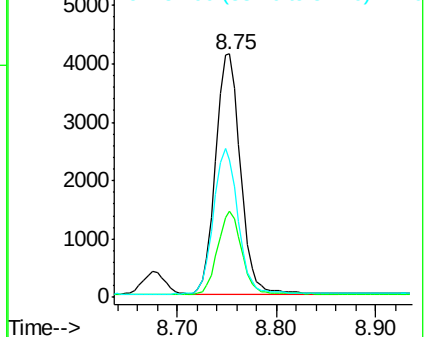
54 56.5 47.6 71.4



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: 0.85 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

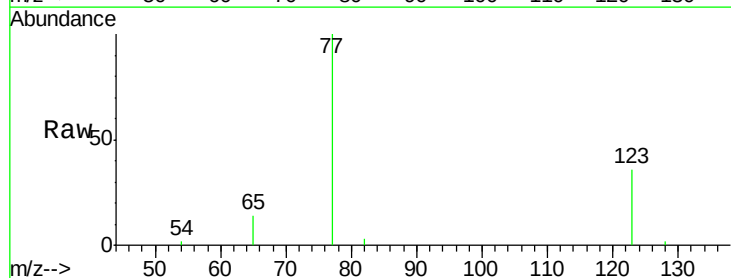
Tgt Ion: 77 Resp: 7487

Ion Ratio Lower Upper

77 100

123 34.8 27.4 41.0

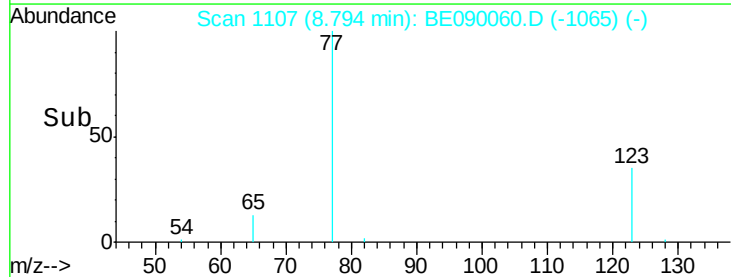
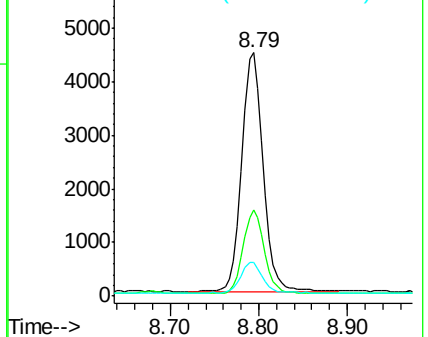
65 13.4 10.6 15.8

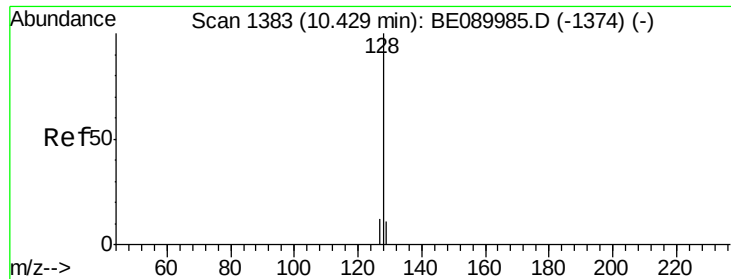


Abundance Ion 77.00 (76.70 to 77.70): BE0

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: 10.41 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

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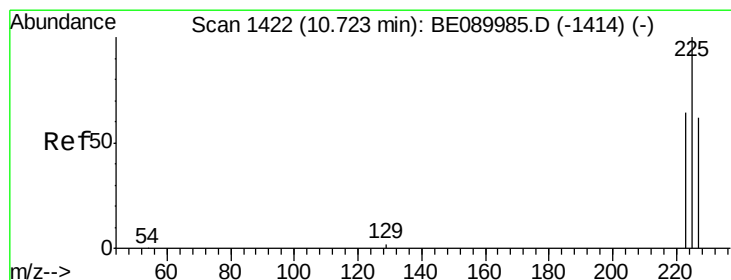
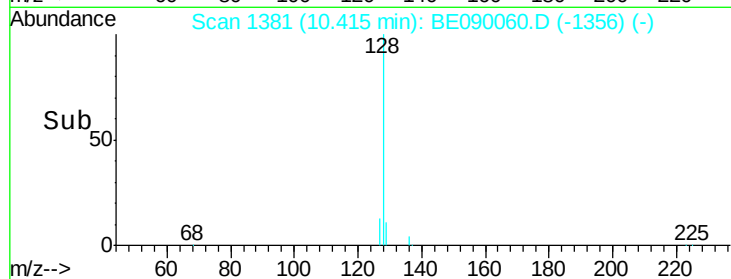
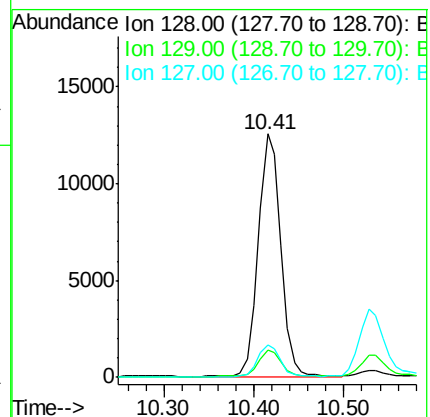
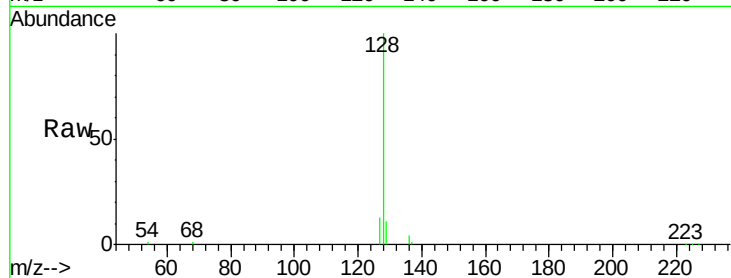
Tgt Ion:128 Resp: 21669

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.3 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.94 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

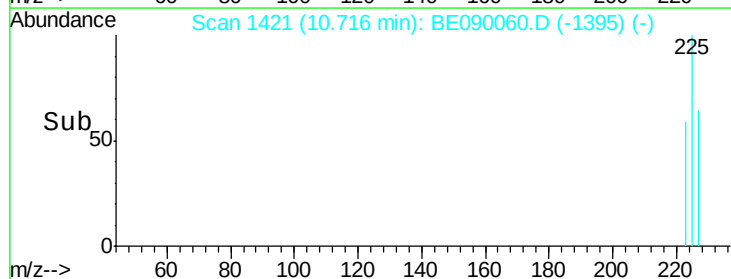
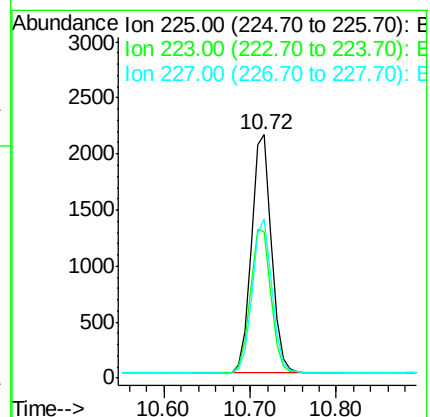
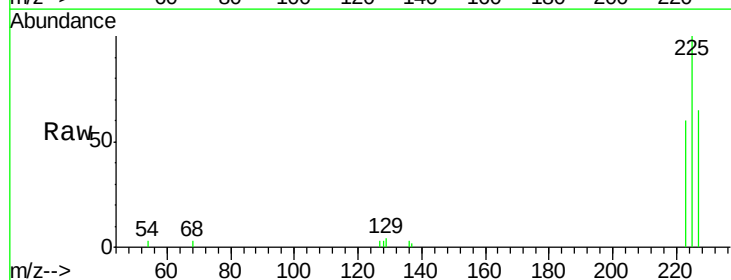
Tgt Ion:225 Resp: 3491

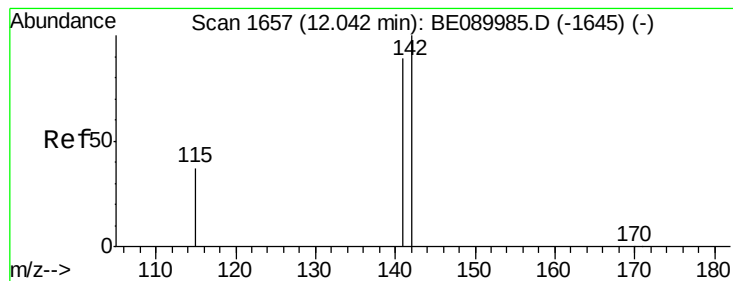
Ion Ratio Lower Upper

225 100

223 62.0 50.1 75.1

227 63.8 50.9 76.3





#11

2-Methylnaphthalene

Concen: 0.88 ng

RT: 12.03 min Scan# 1655

Delta R.T. -0.01 min

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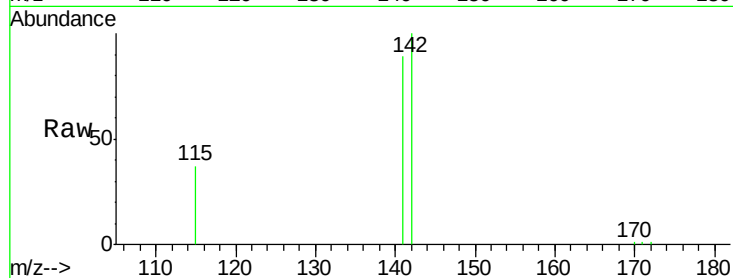
Tgt Ion:142 Resp: 13870

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9

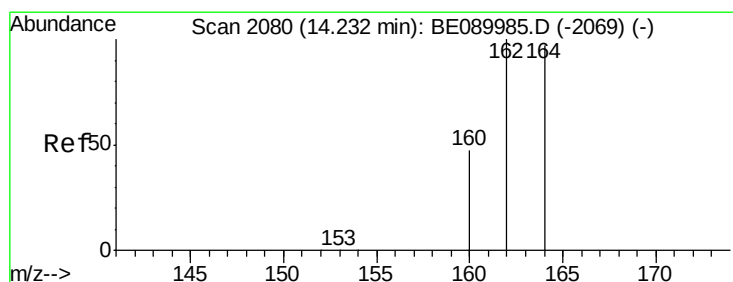
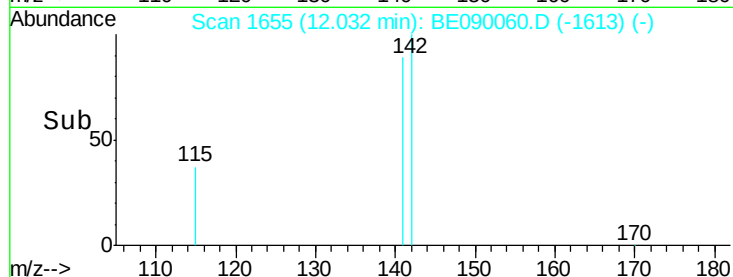
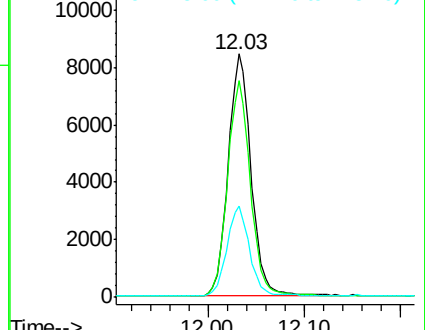
115 37.4 30.4 45.6



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: 14.22 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

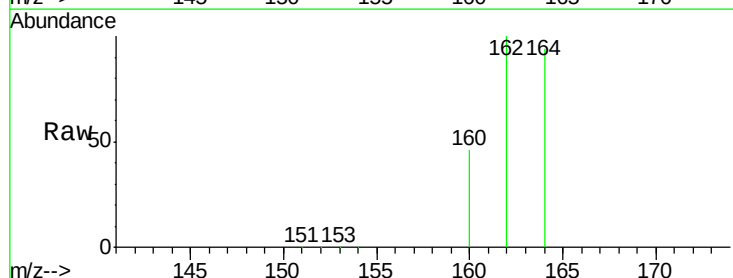
Tgt Ion:164 Resp: 58377

Ion Ratio Lower Upper

164 100

162 106.1 82.2 123.4

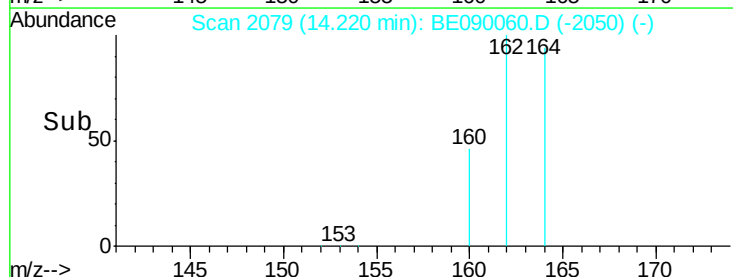
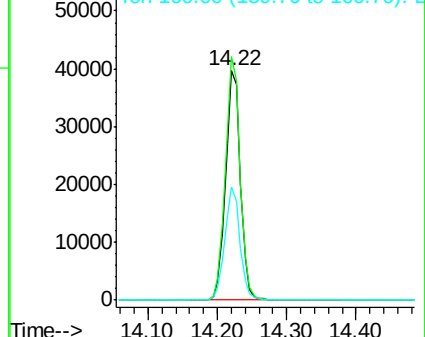
160 49.1 39.0 58.6

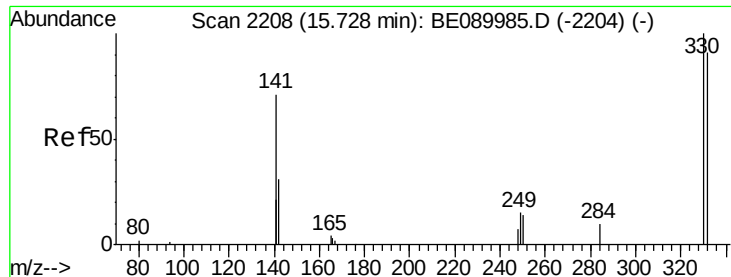


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

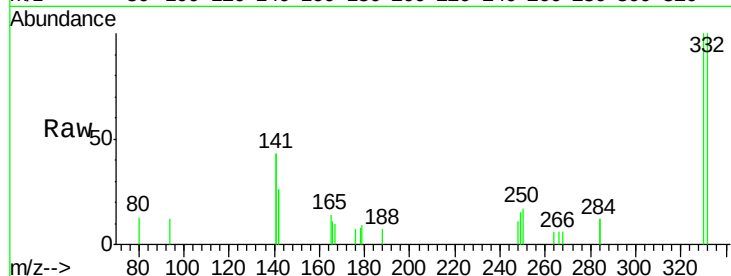




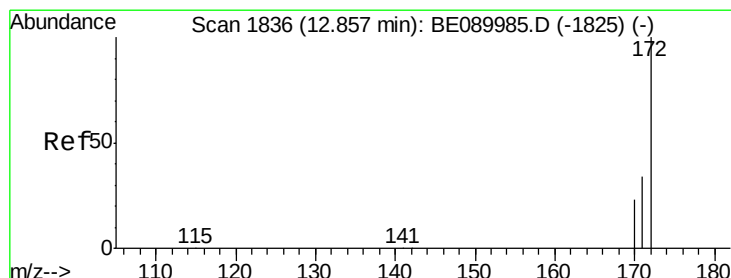
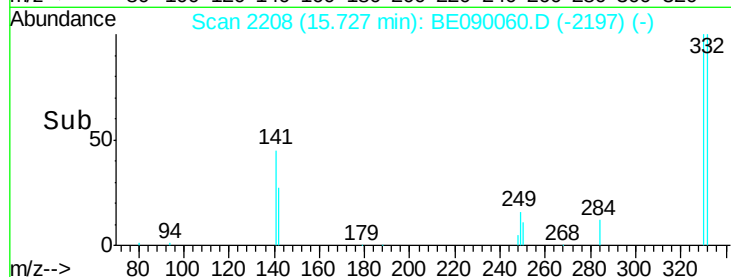
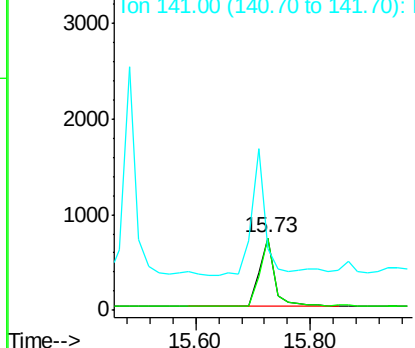
#13
 2,4,6-Tribromophenol
 Concen: 0.79 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 1350
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.4 114.6
 141 161.8 130.3 195.5

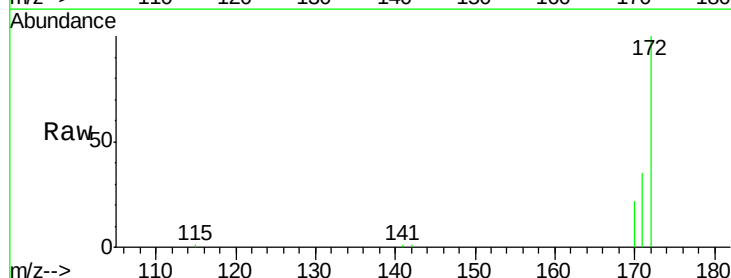


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

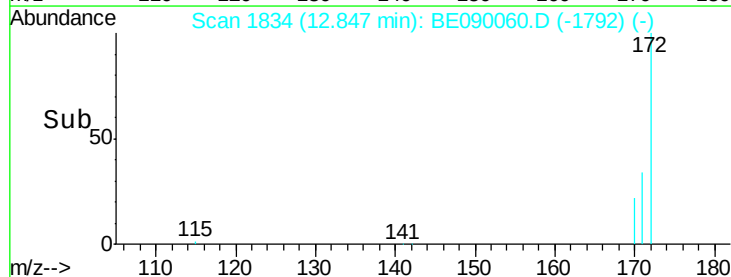
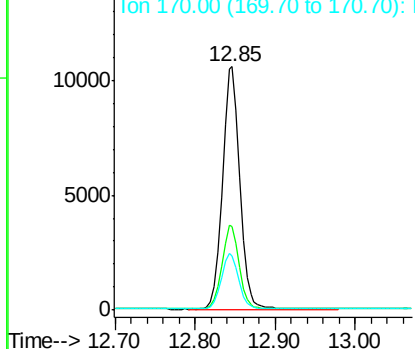


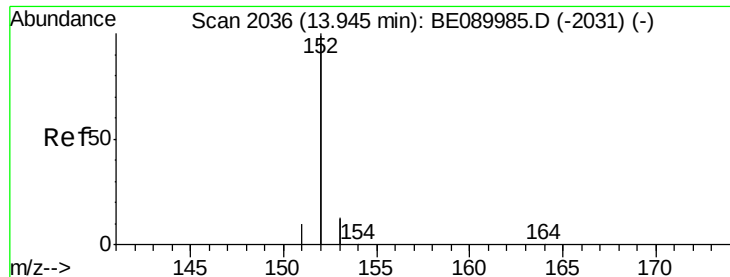
#14
 2-Fluorobiphenyl
 Concen: 0.91 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

Tgt Ion: 172 Resp: 15940
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.6
 170 22.3 18.3 27.5



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: 0.92 ng

RT: 13.93 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

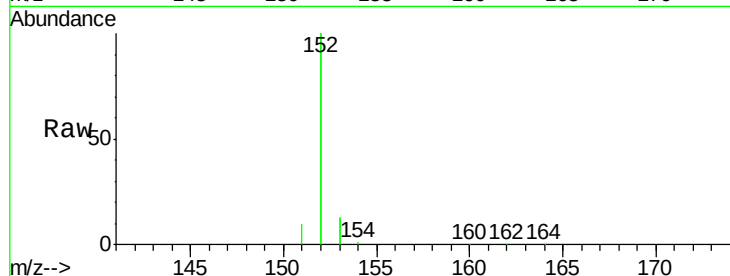
Tgt Ion:152 Resp: 96637

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

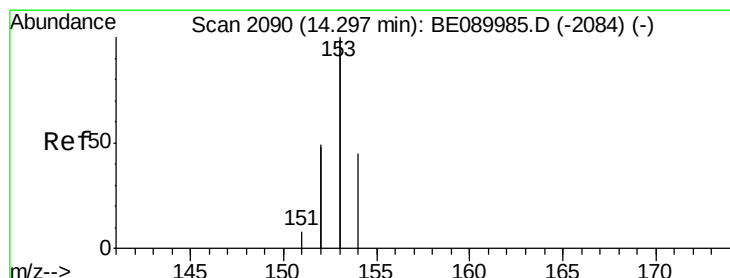
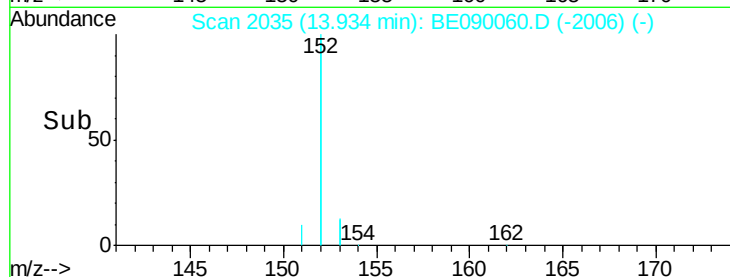
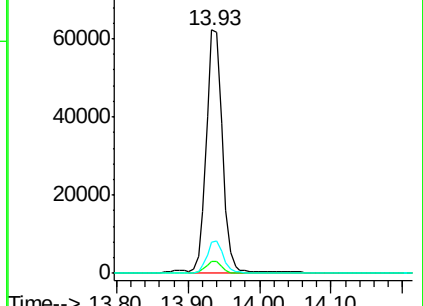
153 13.2 10.4 15.6



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: 0.93 ng

RT: 14.29 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

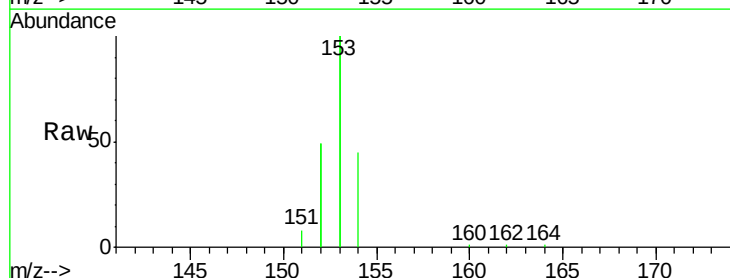
Tgt Ion:154 Resp: 14145

Ion Ratio Lower Upper

154 100

153 456.1 358.6 538.0

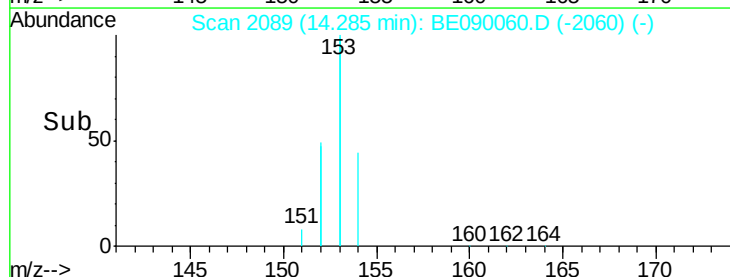
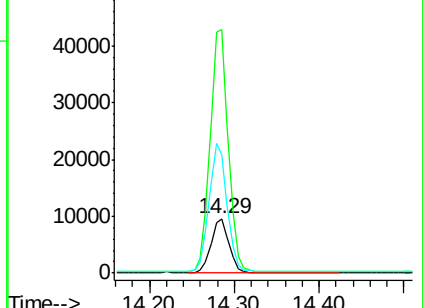
152 238.8 189.6 284.4

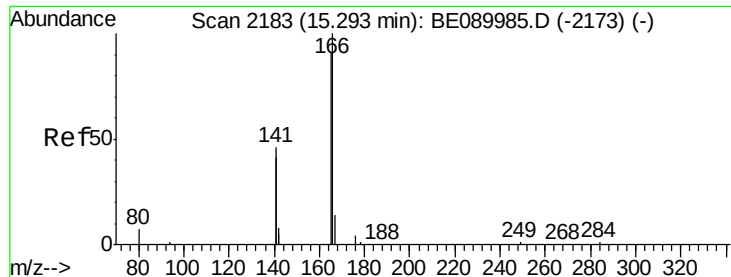


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

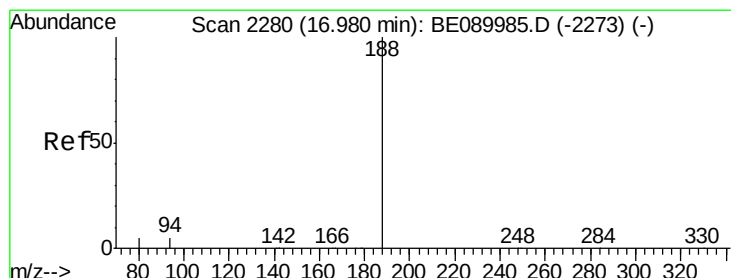
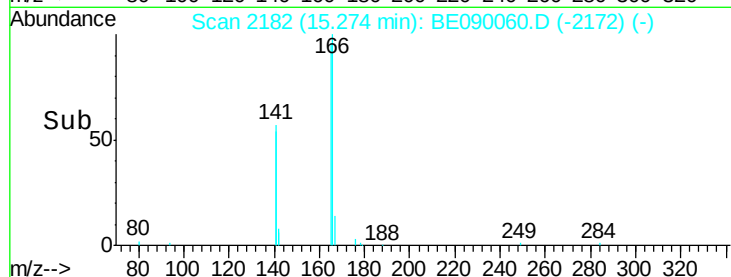
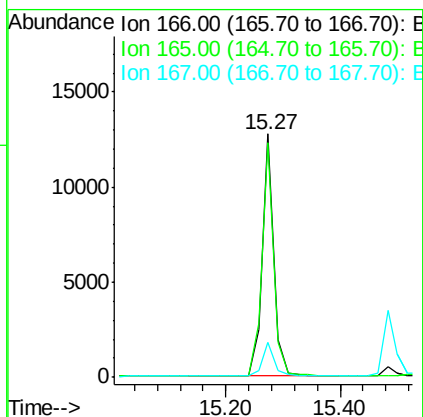
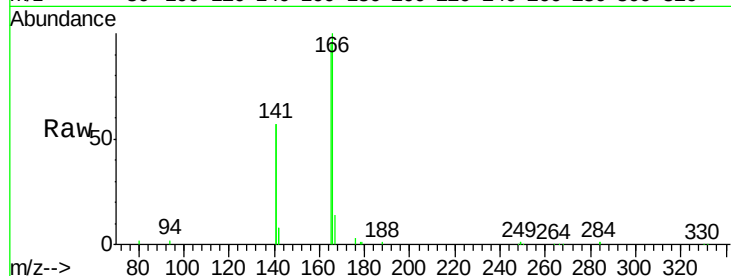




#17
Fluorene
 Concen: 0.89 ng
 RT: 15.27 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

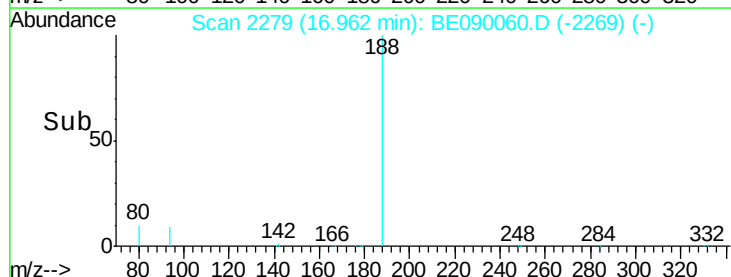
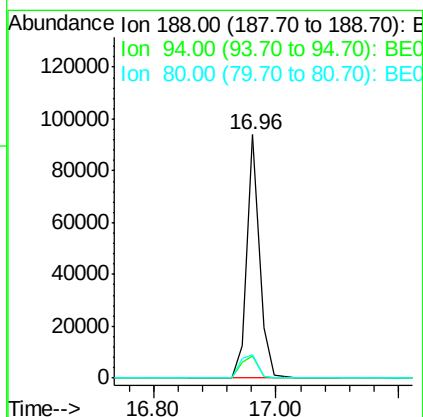
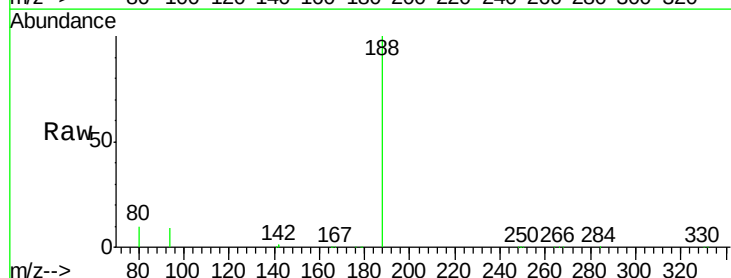
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

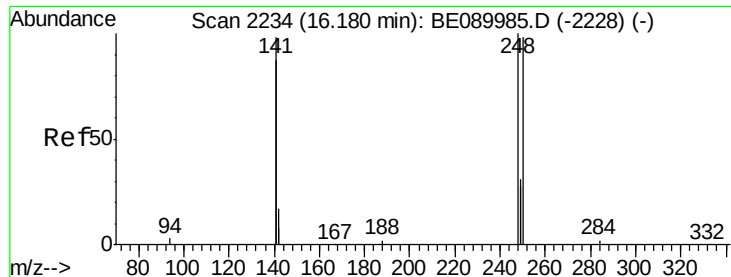
Tgt Ion:166 Resp: 18347
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.0 118.6
 167 14.8 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

Tgt Ion:188 Resp: 133688
 Ion Ratio Lower Upper
 188 100
 94 9.0 4.1 6.1#
 80 9.9 4.2 6.2#





#19

4-Bromophenyl-phenylether

Concen: 0.87 ng

RT: 16.16 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

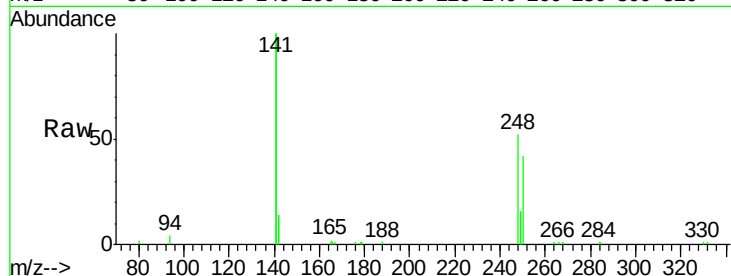
Tgt Ion:248 Resp: 4944

Ion Ratio Lower Upper

248 100

250 96.9 78.3 117.5

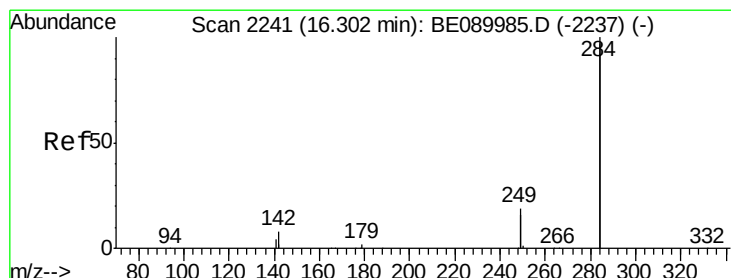
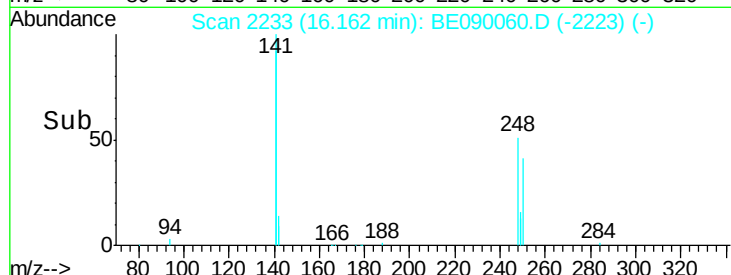
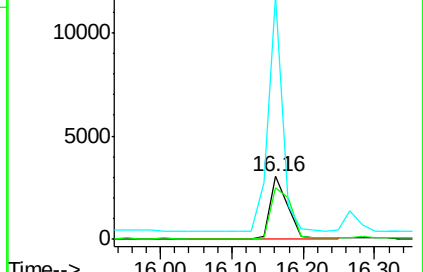
141 325.7 248.1 372.1



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



#20

Hexachlorobenzene

Concen: 0.90 ng

RT: 16.28 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

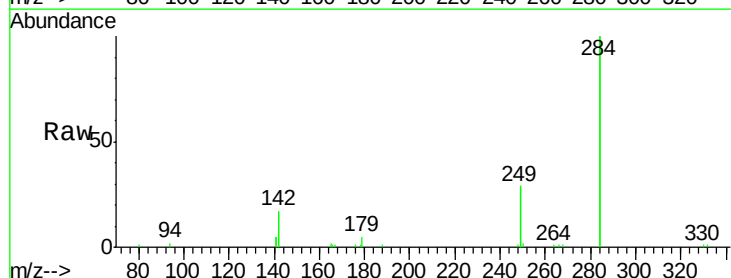
Tgt Ion:284 Resp: 21186

Ion Ratio Lower Upper

284 100

142 38.7 32.6 49.0

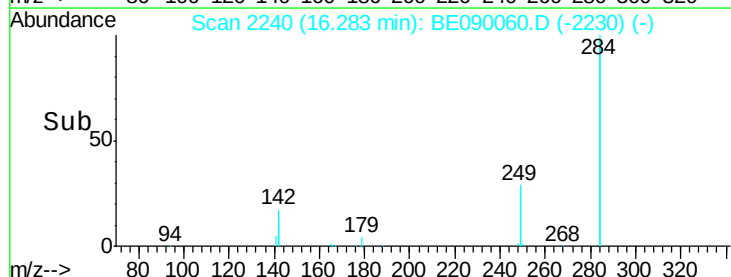
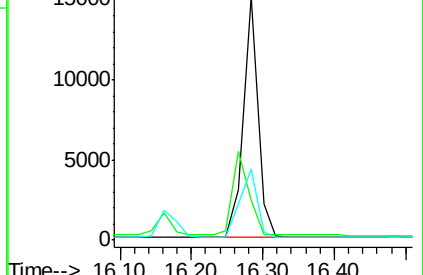
249 33.1 25.5 38.3

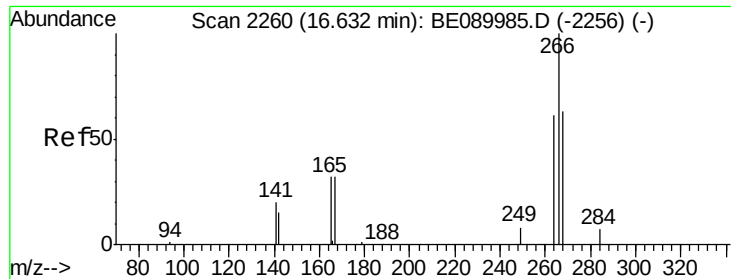


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

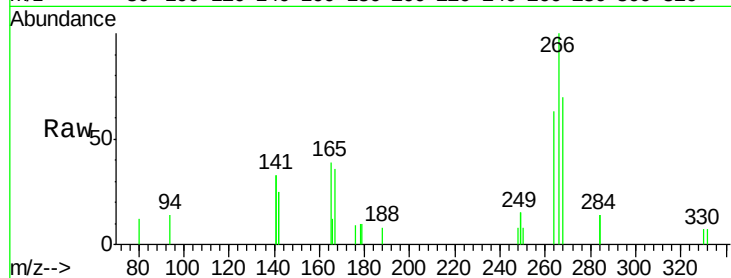




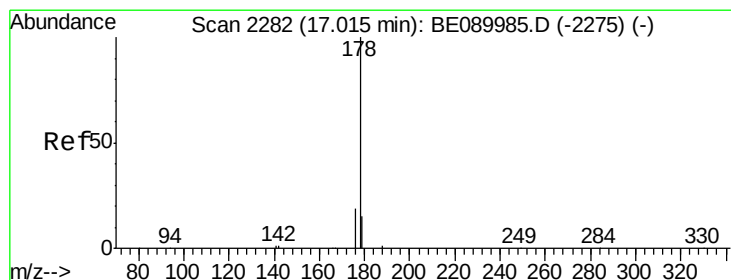
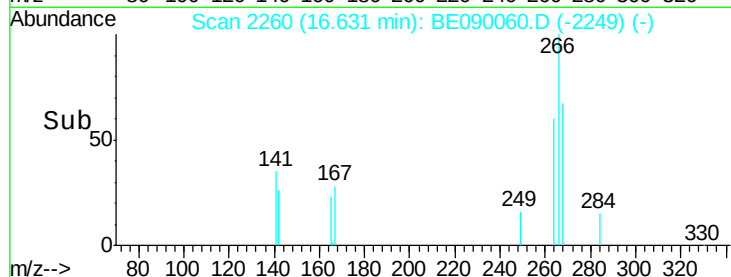
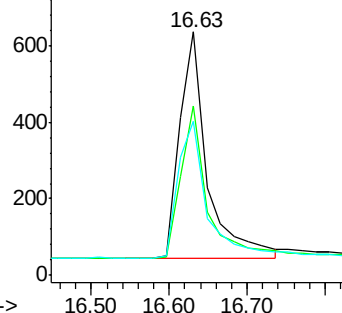
#21
 Pentachlorophenol
 Concen: 0.73 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:266 Resp: 1467
 Ion Ratio Lower Upper
 266 100
 268 69.7 51.8 77.8
 264 63.4 50.2 75.2

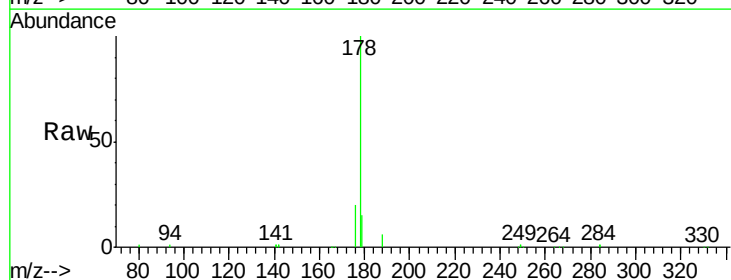


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

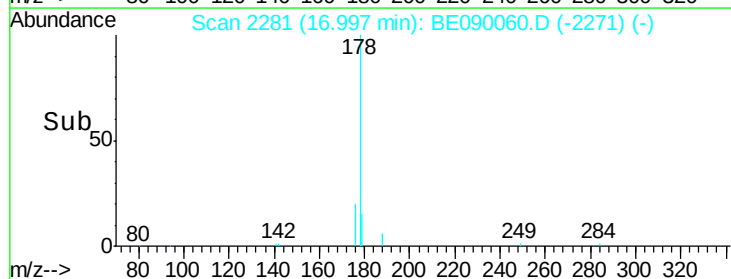
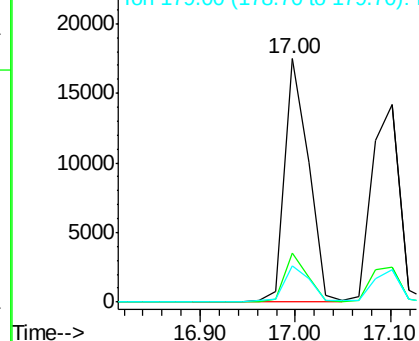


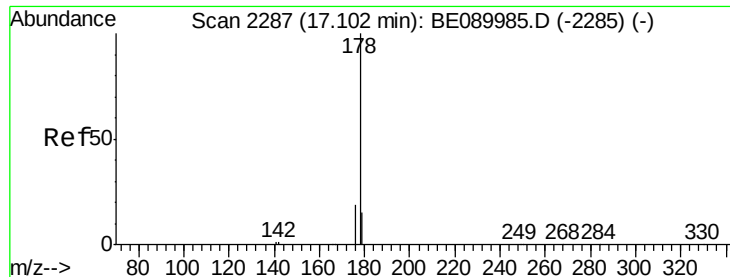
#22
 Phenanthrene
 Concen: 0.87 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

Tgt Ion:178 Resp: 29904
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.3 22.9
 179 15.6 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: 0.90 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

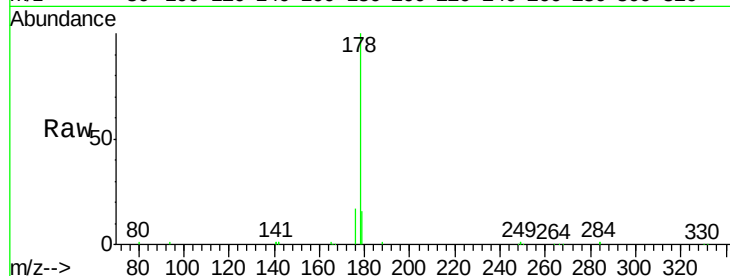
Tgt Ion:178 Resp: 28192

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

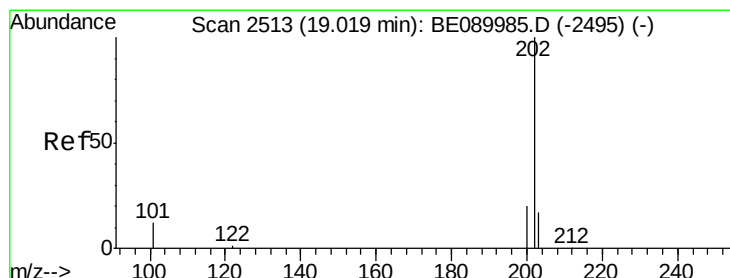
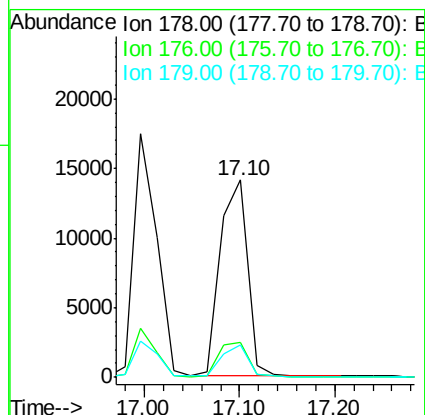
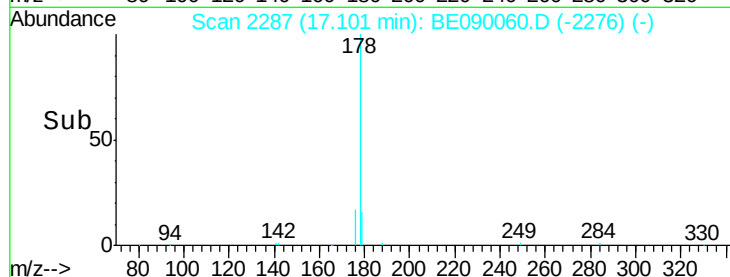
179 15.2 12.1 18.1



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: 0.88 ng

RT: 19.00 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

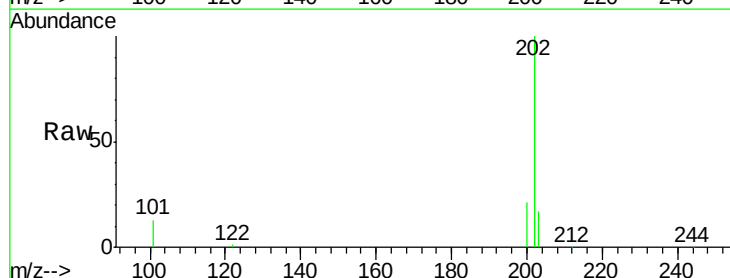
Tgt Ion:202 Resp: 33656

Ion Ratio Lower Upper

202 100

101 12.8 10.6 15.8

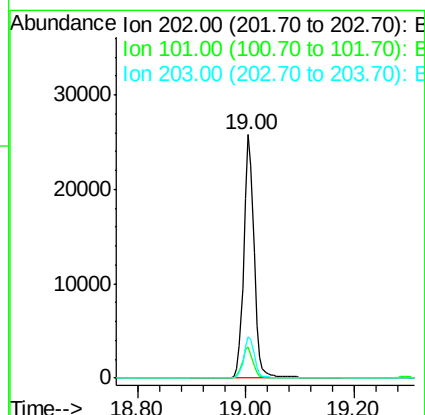
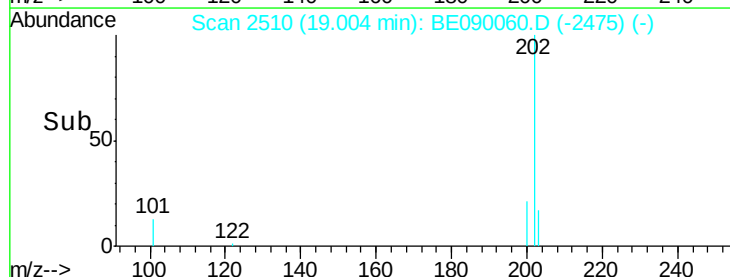
203 17.2 13.8 20.6

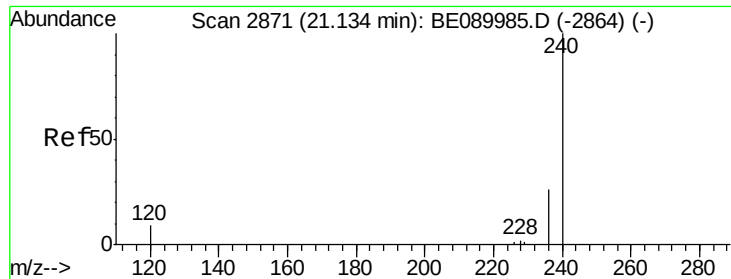


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

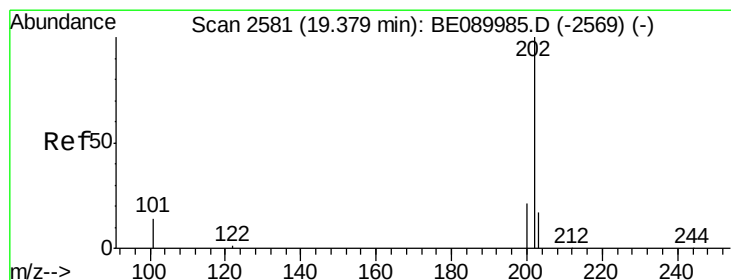
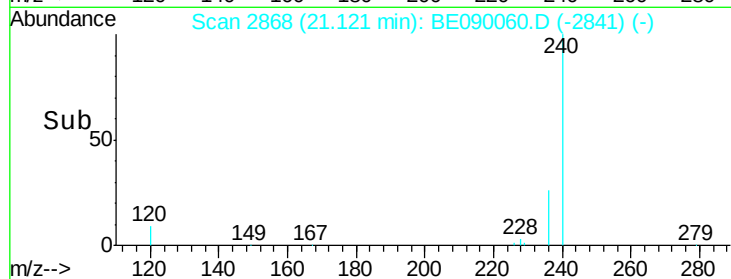
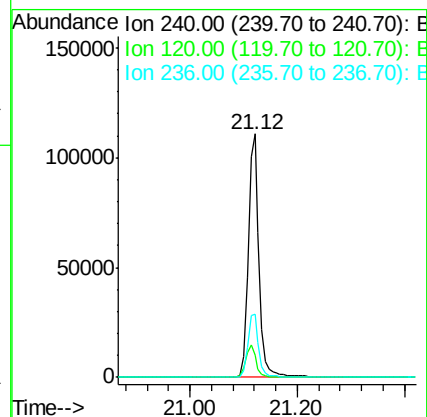
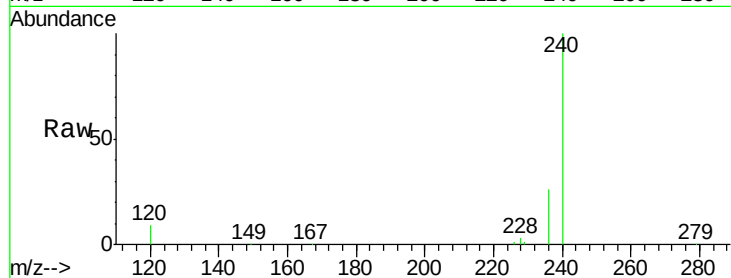




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE090060.D
Acq: 6 Jul 2015 19:18

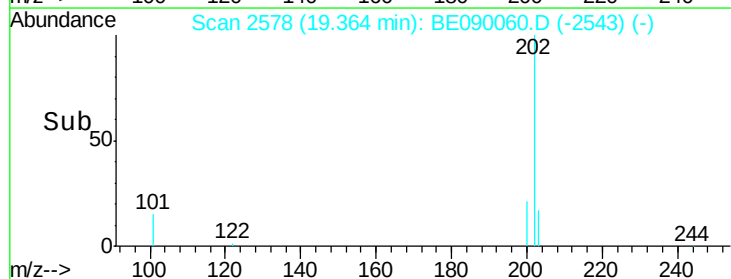
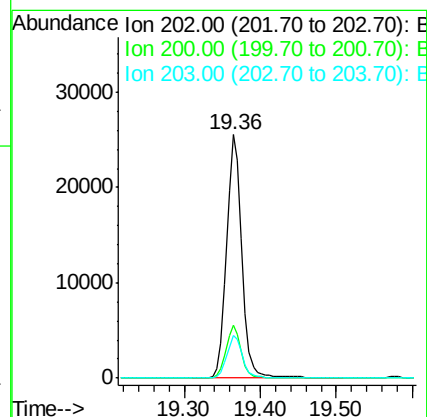
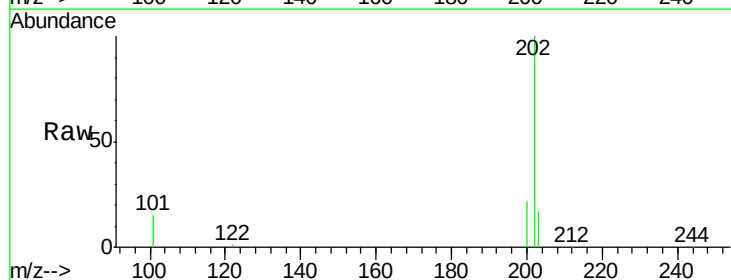
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

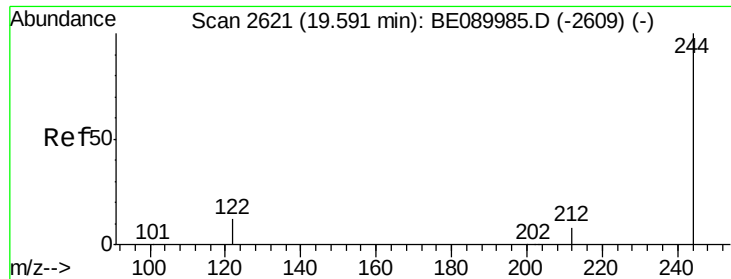
Tgt Ion:240 Resp: 154158
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 26.1 20.8 31.2



#26
Pyrene
Concen: 0.95 ng
RT: 19.36 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BE090060.D
Acq: 6 Jul 2015 19:18

Tgt Ion:202 Resp: 34978
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.4 13.9 20.9

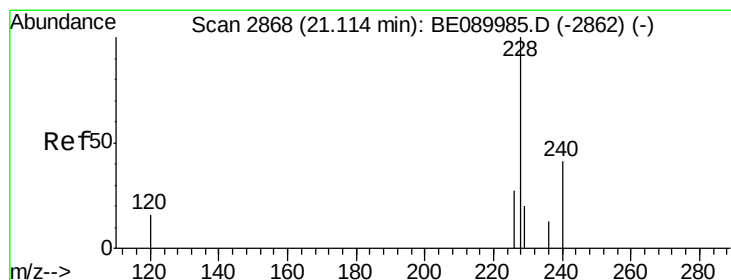
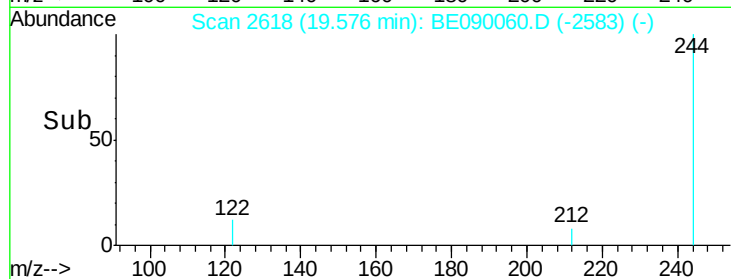
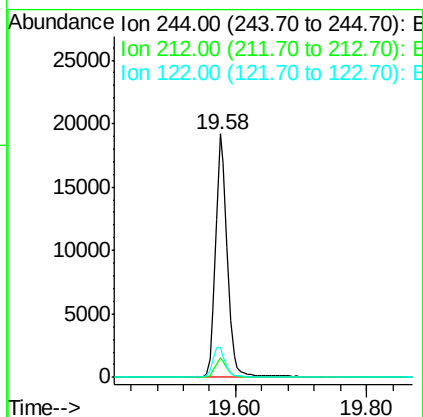
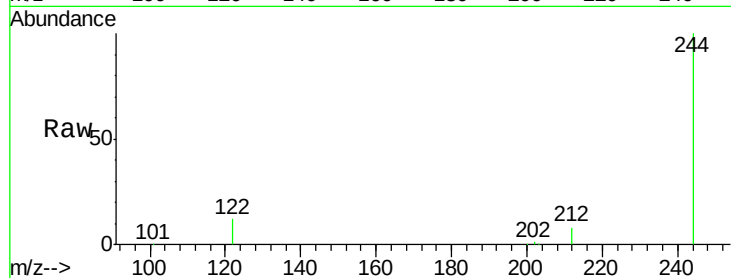




#27
 Terphenyl-d14
 Concen: 0.92 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

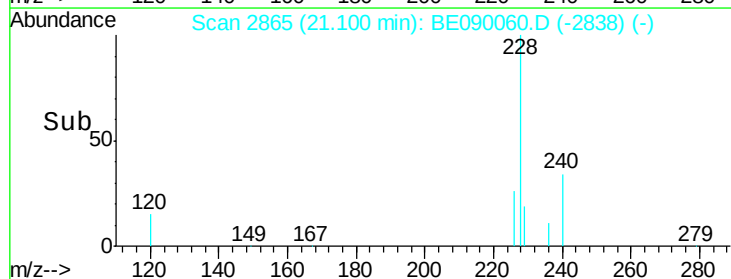
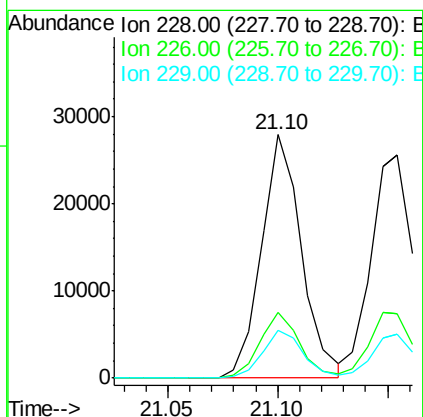
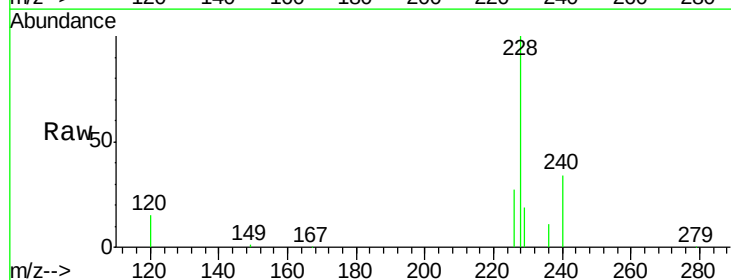
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

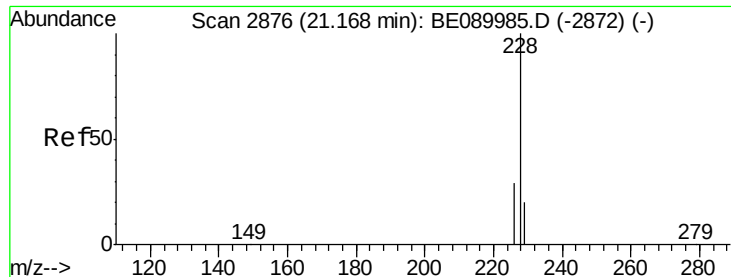
Tgt Ion: 244 Resp: 23680
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.3 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.92 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090060.D
 Acq: 6 Jul 2015 19:18

Tgt Ion: 228 Resp: 35381
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.8 32.6
 229 19.4 15.8 23.6





#29

Chrysene

Concen: 0.90 ng

RT: 21.15 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

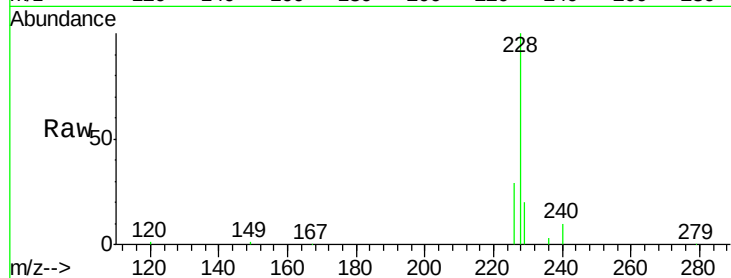
Tgt Ion:228 Resp: 36059

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.0

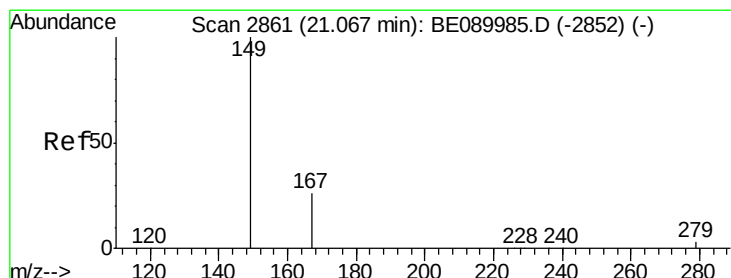
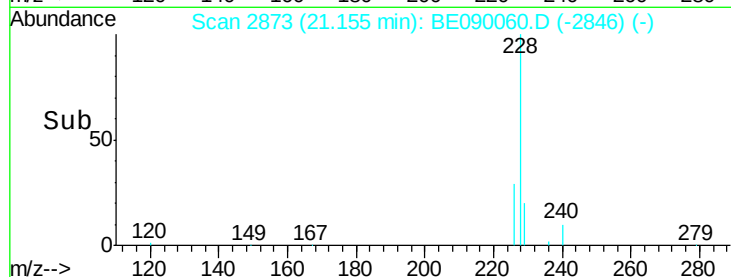
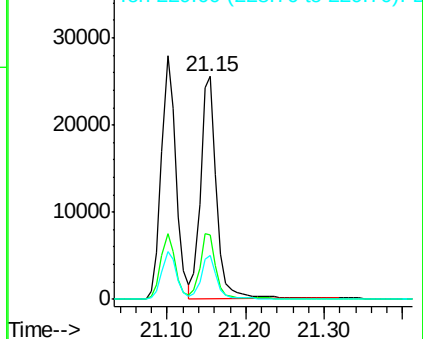
229 20.0 16.2 24.2



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: 0.87 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

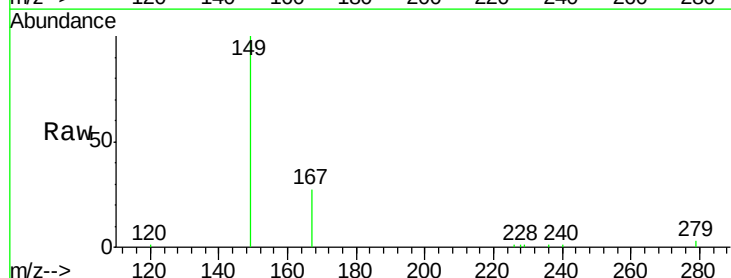
Tgt Ion:149 Resp: 10620

Ion Ratio Lower Upper

149 100

167 26.0 20.3 30.5

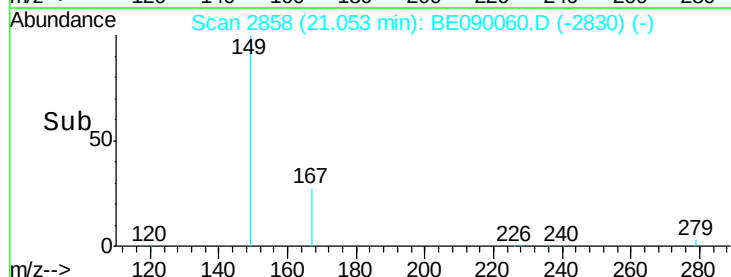
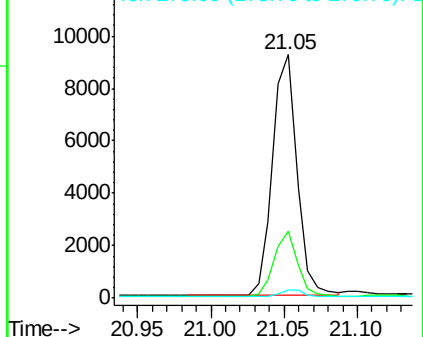
279 3.0 2.6 3.8

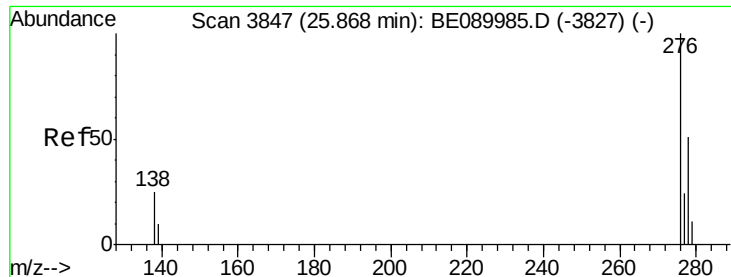


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.92 ng

RT: 25.83 min Scan# 3839

Delta R.T. -0.04 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

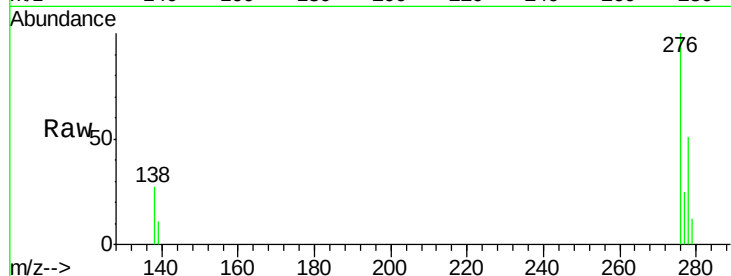
Tgt Ion:276 Resp: 35074

Ion Ratio Lower Upper

276 100

138 27.6 21.3 31.9

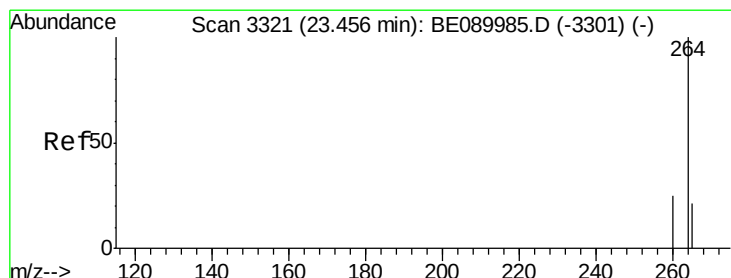
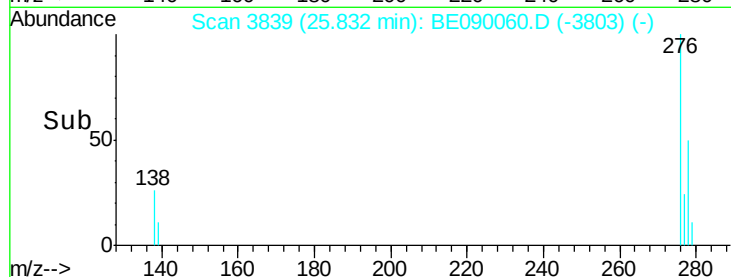
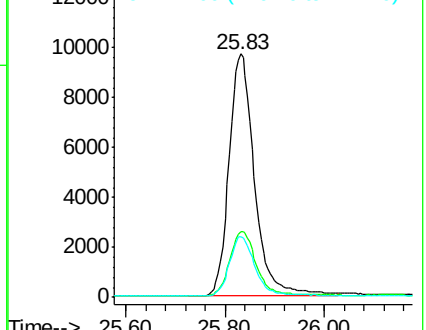
277 24.9 19.7 29.5



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: 23.43 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

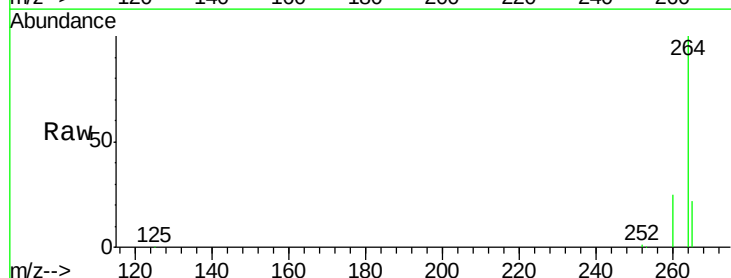
Tgt Ion:264 Resp: 141308

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

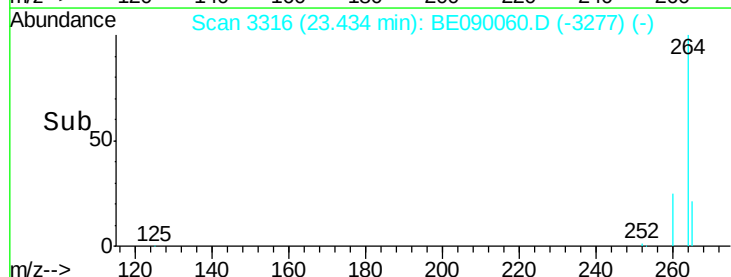
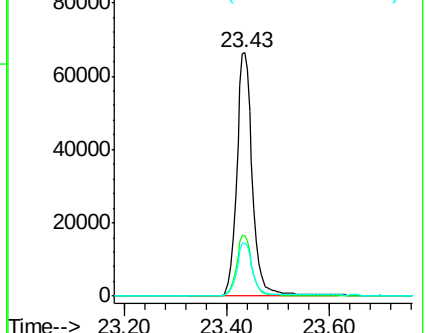
265 21.8 17.1 25.7

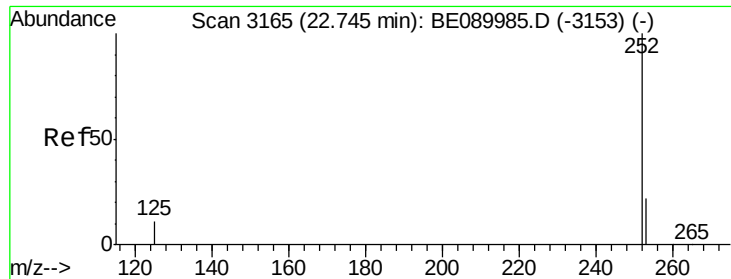


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.02 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

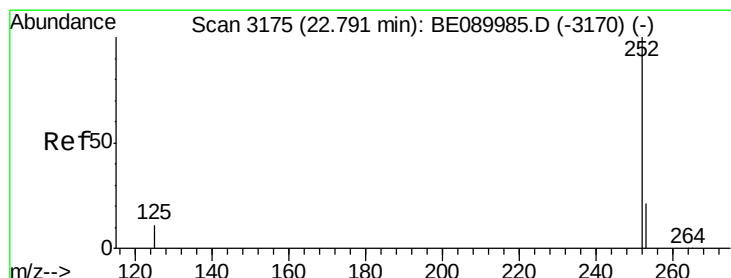
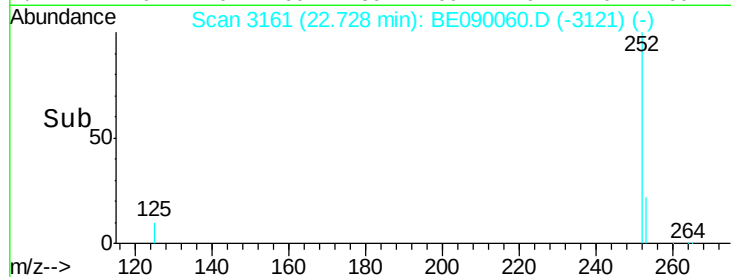
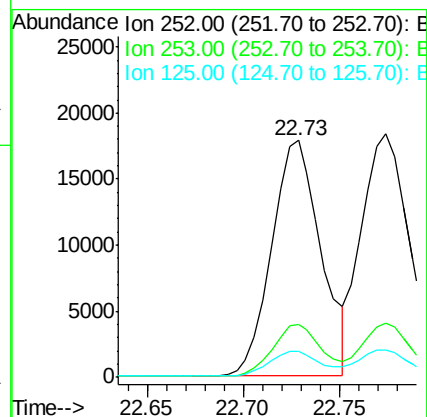
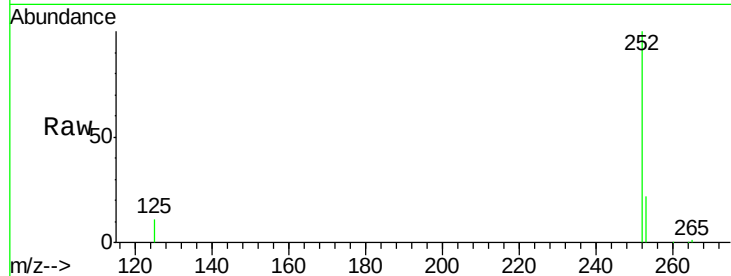
Tgt Ion:252 Resp: 31802

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.9 9.0 13.4



#34

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.77 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

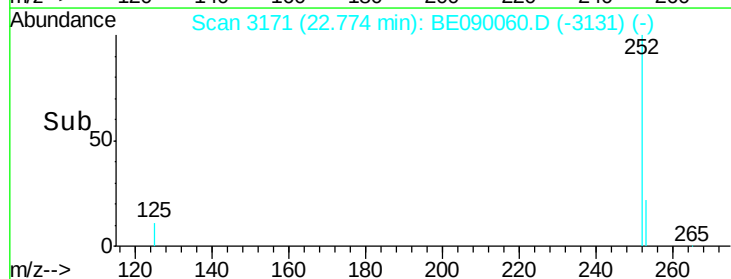
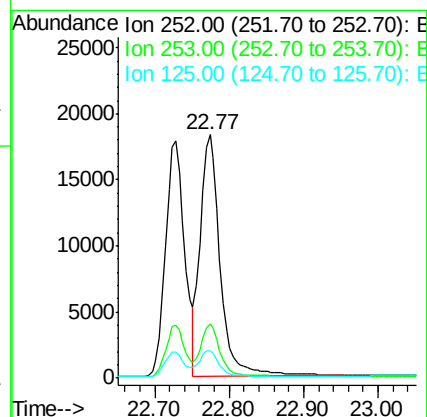
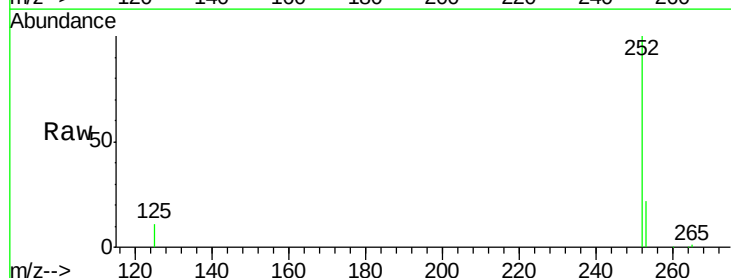
Tgt Ion:252 Resp: 34154

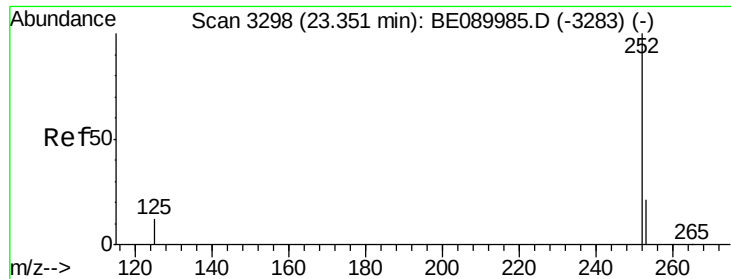
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 11.3 9.5 14.3





#35

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.32 min Scan# 3292

Delta R.T. -0.03 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

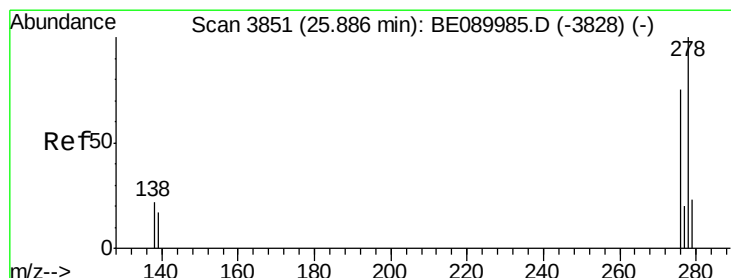
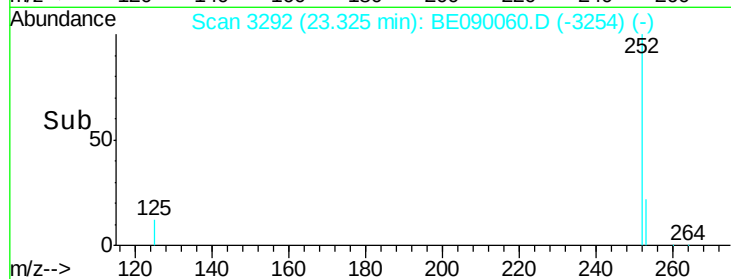
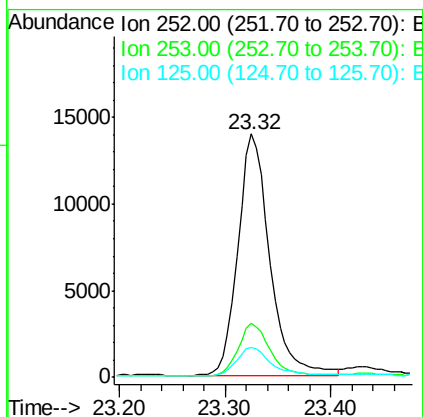
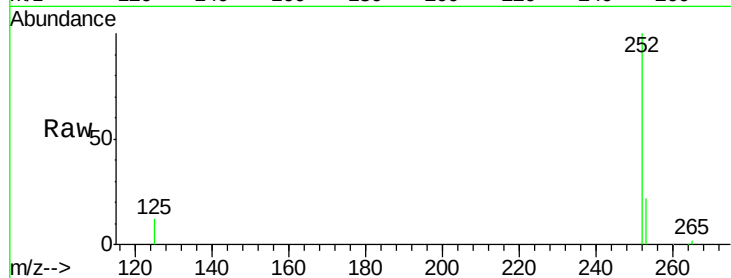
Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

Tgt Ion:	252	Resp:	29097
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.5	10.5	15.7



#36

Dibenzo(a,h)anthracene

Concen: 0.95 ng

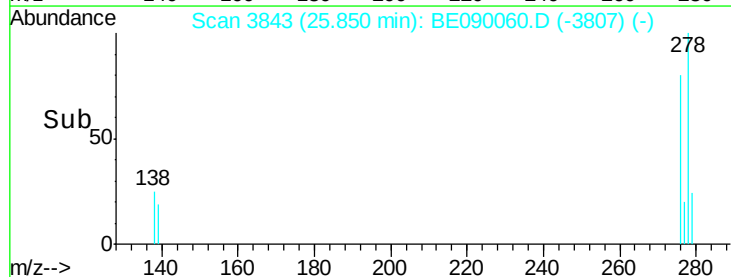
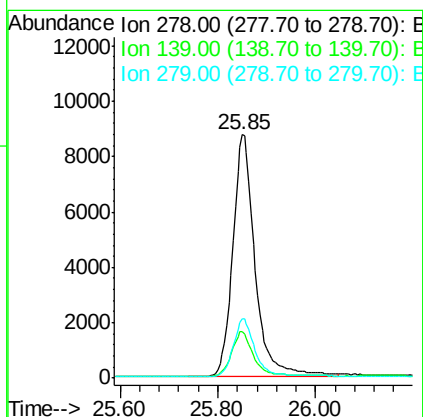
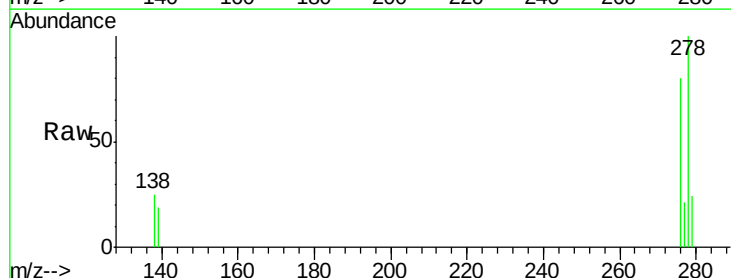
RT: 25.85 min Scan# 3843

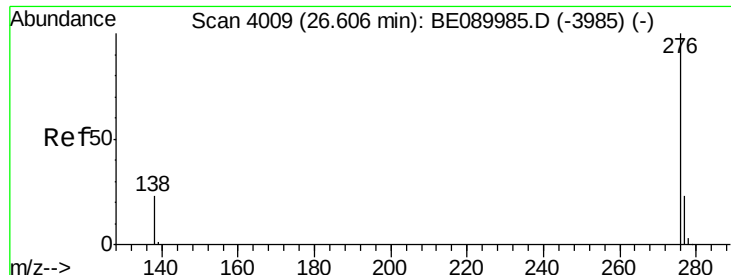
Delta R.T. -0.04 min

Lab File: BE090060.D

Acq: 6 Jul 2015 19:18

Tgt Ion:	278	Resp:	28084
Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.4	21.6
279	24.4	19.0	28.6





#37

Benzo(g,h,i)perylene

Concen: 0.95 ng

RT: 26.57 min Scan# 4000

Delta R.T. -0.04 min

Lab File: BE090060.D

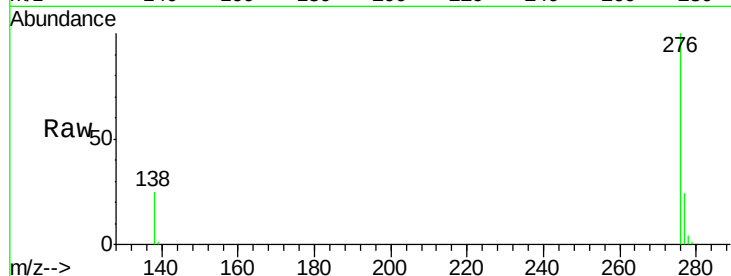
Acq: 6 Jul 2015 19:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 28394

Ion Ratio Lower Upper

276 100

277 24.0 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

