

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090530.D
 Acq On : 14 Aug 2015 21:00
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 17 04:19:26 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

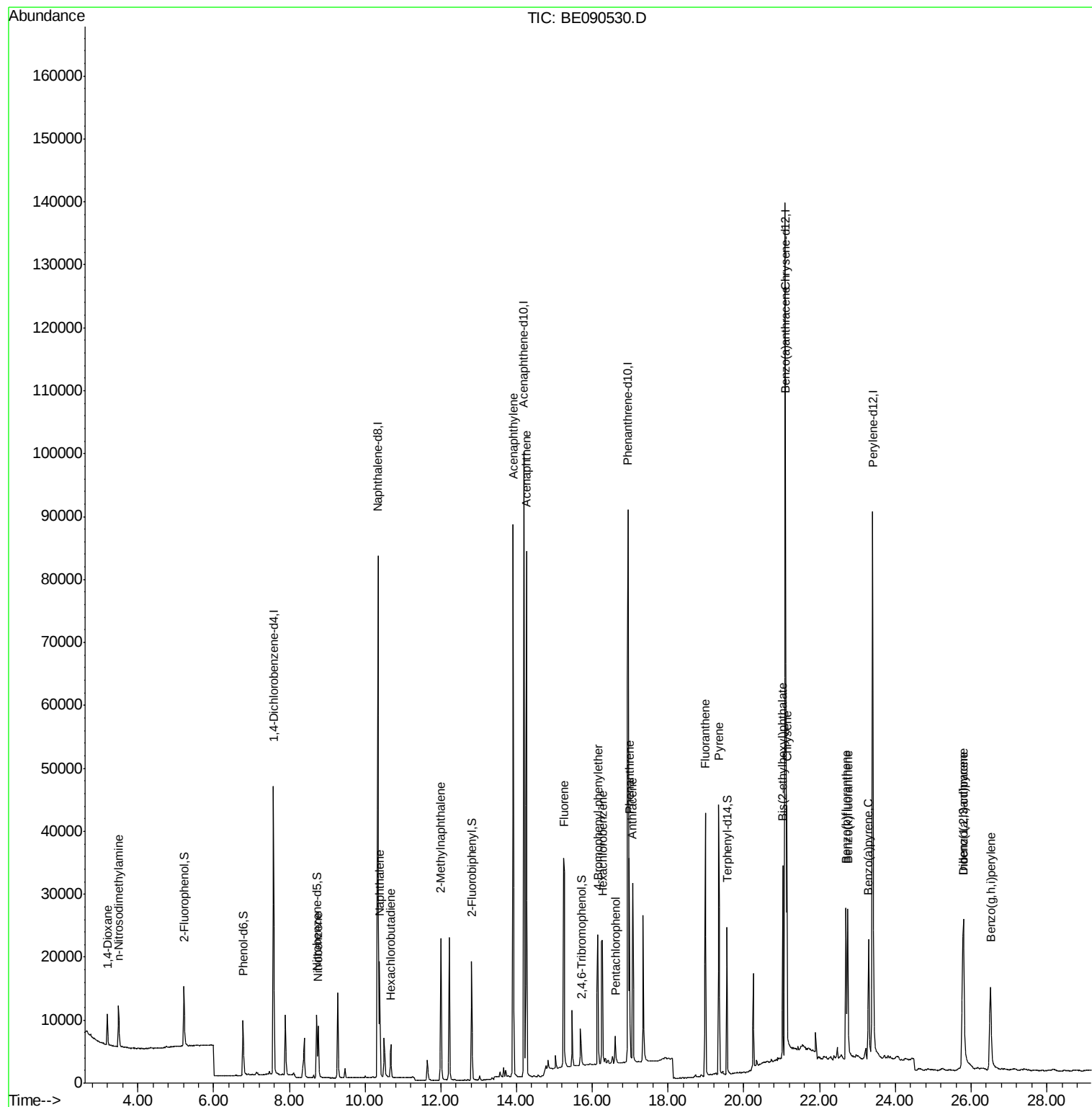
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22454	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	109628	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	60004	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	126348	5.00	ng	0.00
25) Chrysene-d12	21.10	240	127693	5.00	ng	0.00
32) Perylene-d12	23.40	264	122762	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7573	1.17	ng	0.00
5) Phenol-d6	6.78	99	10873	1.14	ng	0.00
7) Nitrobenzene-d5	8.72	82	9628	1.10	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2829	1.23	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	18003	1.00	ng	0.00
27) Terphenyl-d14	19.55	244	25240	1.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3040	1.13	ng	96
3) n-Nitrosodimethylamine	3.49	42	3905	1.01	ng	# 66
8) Nitrobenzene	8.77	77	10010	1.11	ng	95
9) Naphthalene	10.38	128	25016	1.00	ng	99
10) Hexachlorobutadiene	10.68	225	3599	0.98	ng	99
11) 2-Methylnaphthalene	12.00	142	16659	1.03	ng	99
15) Acenaphthylene	13.91	152	112448	1.03	ng	100
16) Acenaphthene	14.26	154	16669	1.01	ng	# 74
17) Fluorene	15.26	166	20176	1.00	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5662	1.10	ng	83
20) Hexachlorobenzene	16.27	284	23469	1.03	ng	96
21) Pentachlorophenol	16.61	266	2923	1.30	ng	91
22) Phenanthrene	16.98	178	32994	0.99	ng	99
23) Anthracene	17.07	178	32720	1.07	ng	99
24) Fluoranthene	18.98	202	37724	1.07	ng	98
26) Pyrene	19.34	202	38698	1.06	ng	99
28) Benzo(a)anthracene	21.08	228	34555	1.03	ng	98
29) Chrysene	21.13	228	34856	1.02	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	27227	1.46	ng	98
31) Indeno(1,2,3-cd)pyrene	25.79	276	36057	1.12	ng	94
33) Benzo(b)fluoranthene	22.70	252	31551	1.09	ng	# 86
34) Benzo(k)fluoranthene	22.74	252	33396	1.01	ng	# 87
35) Benzo(a)pyrene	23.30	252	29180	1.07	ng	# 82
36) Dibenzo(a,h)anthracene	25.80	278	28767	1.10	ng	# 88
37) Benzo(g,h,i)perylene	26.52	276	31079	1.08	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

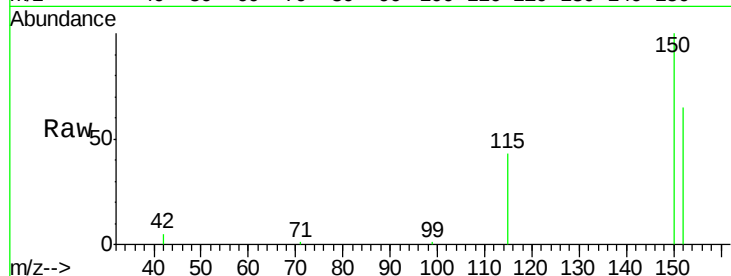
Tot Ion:152 Resp: 22454

Ion Ratio Lower Upper

152 100

150 153.5 123.0 184.4

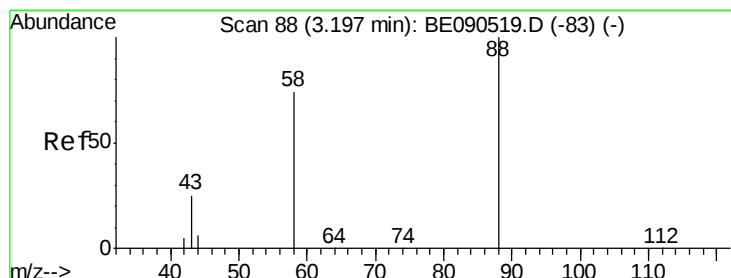
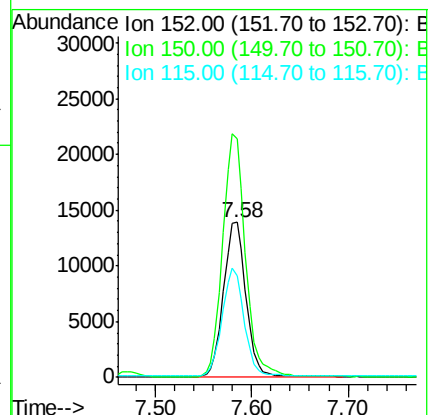
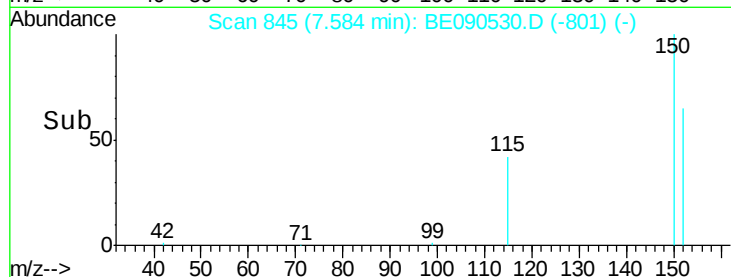
115 65.5 48.9 73.3



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: 1.13 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

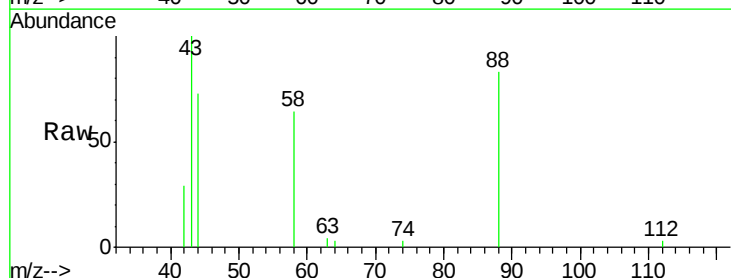
Tgt Ion: 88 Resp: 3040

Ion Ratio Lower Upper

88 100

58 82.3 70.0 105.0

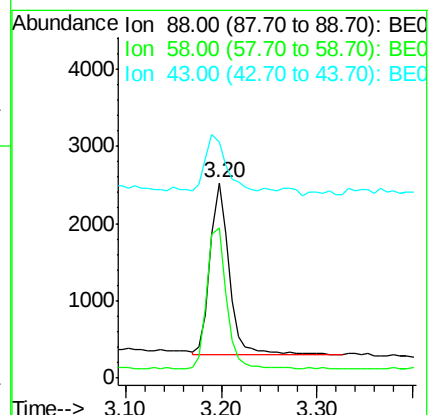
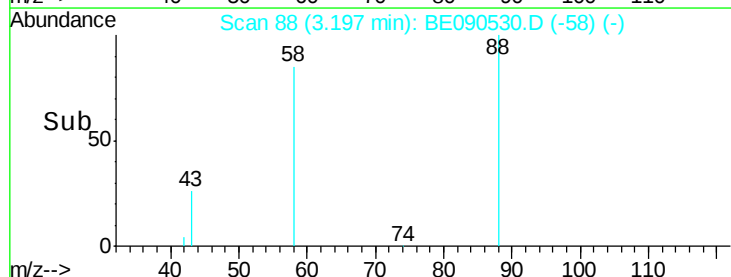
43 34.6 28.4 42.6



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: 1.01 ng

RT: 3.49 min Scan# 131

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

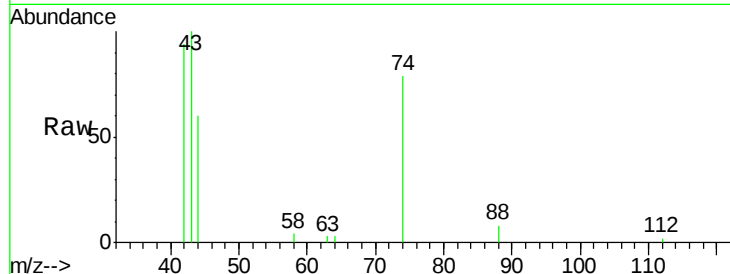
Tot Ion: 42 Resp: 3905

Ion Ratio Lower Upper

42 100

74 130.2 75.2 112.8#

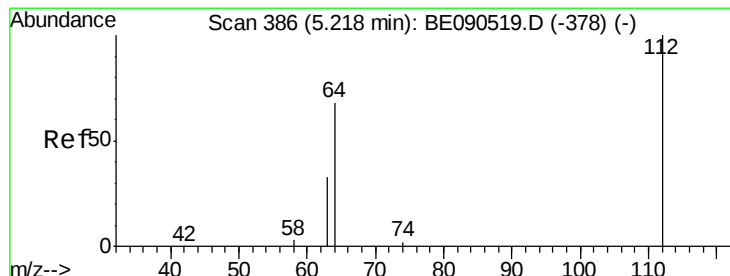
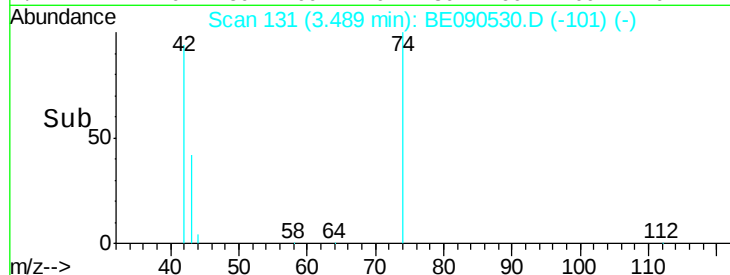
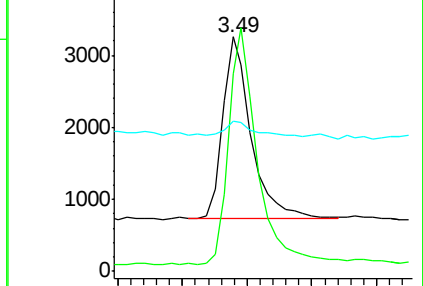
44 9.6 8.7 13.1



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: 1.17 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

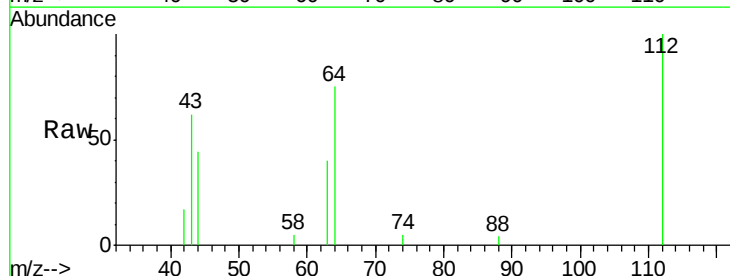
Tgt Ion: 112 Resp: 7573

Ion Ratio Lower Upper

112 100

64 71.6 37.1 55.7#

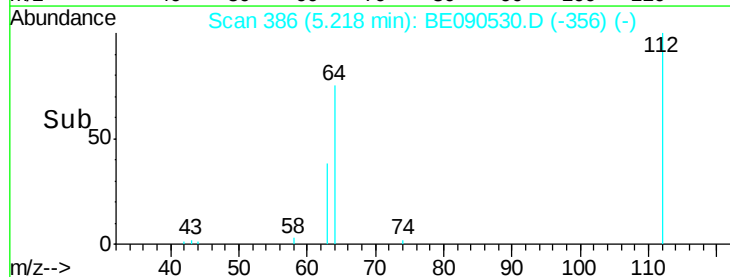
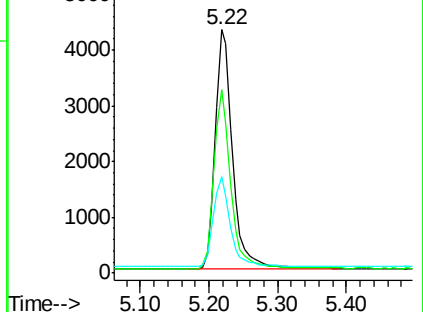
63 36.9 19.5 29.3#

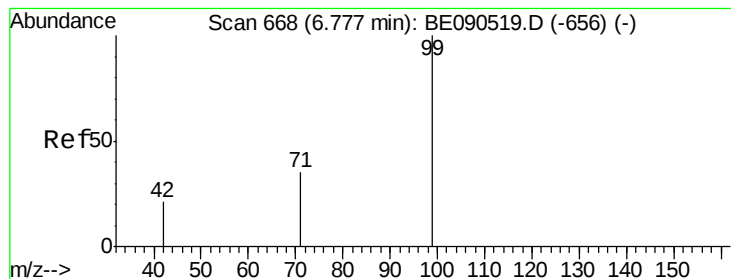


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.14 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

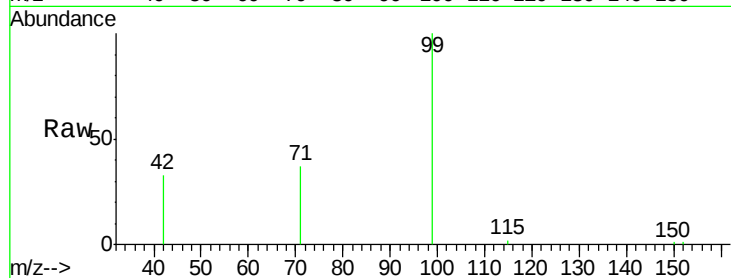
Tot Ion: 99 Resp: 10873

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.4

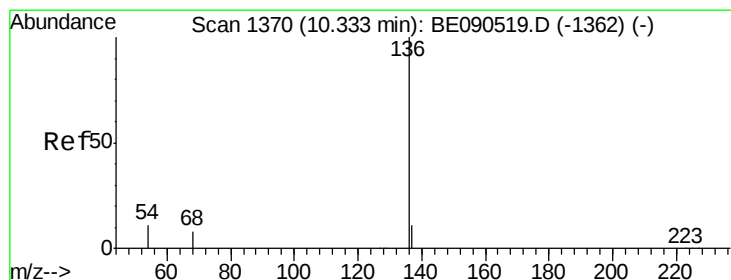
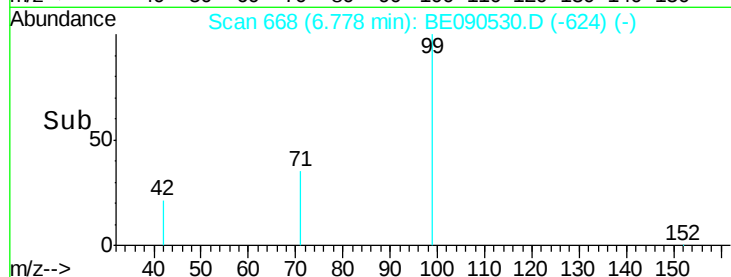
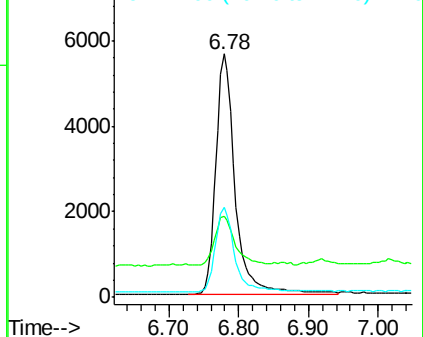
71 35.1 27.4 41.0



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. 0.01 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Tgt Ion: 136 Resp: 109628

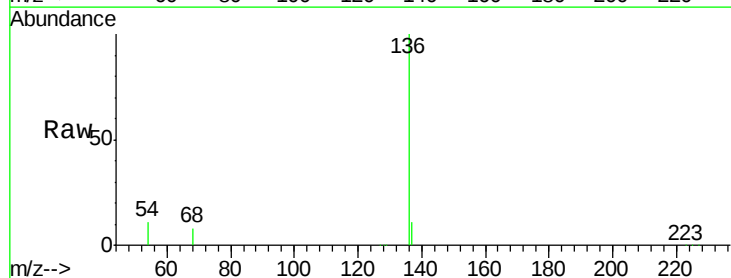
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.7 9.4 14.0

68 8.0 6.5 9.7

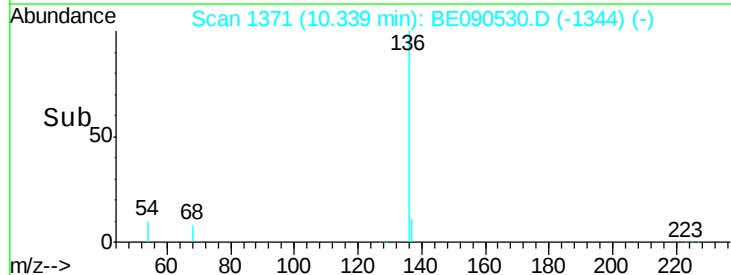
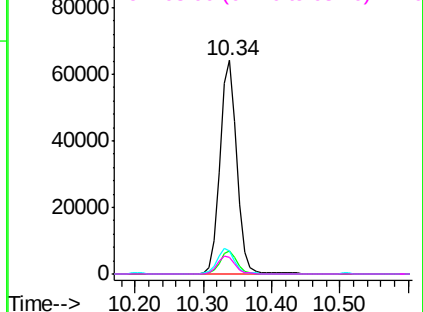


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.10 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

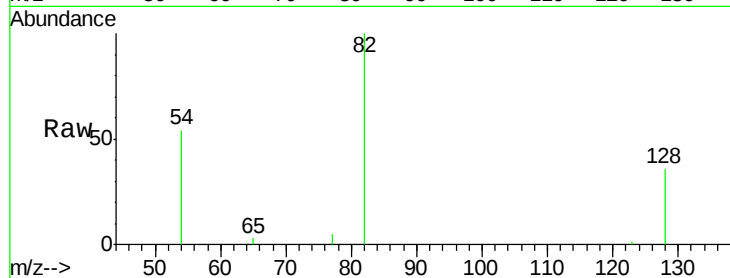
Tot Ion: 82 Resp: 9628

Ion Ratio Lower Upper

82 100

128 35.6 25.0 37.6

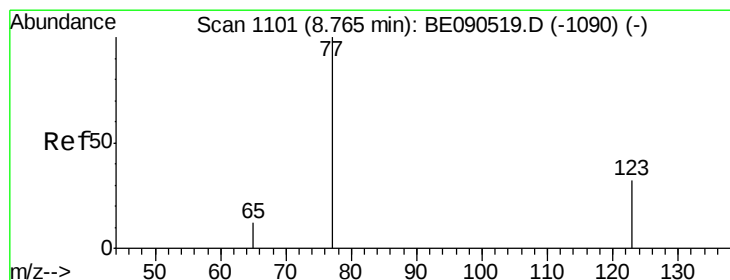
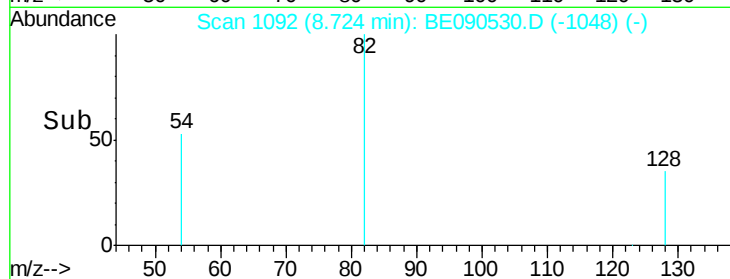
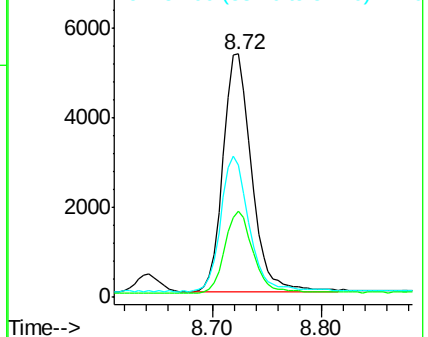
54 54.5 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 1.11 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

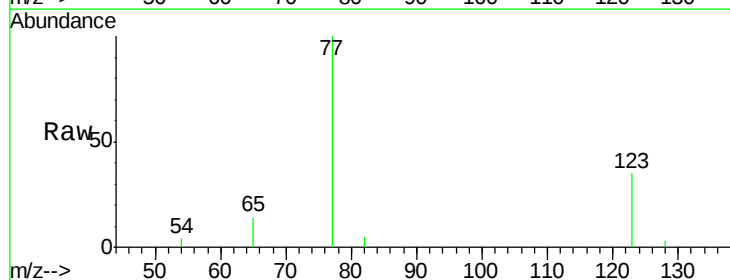
Tgt Ion: 77 Resp: 10010

Ion Ratio Lower Upper

77 100

123 34.5 25.1 37.7

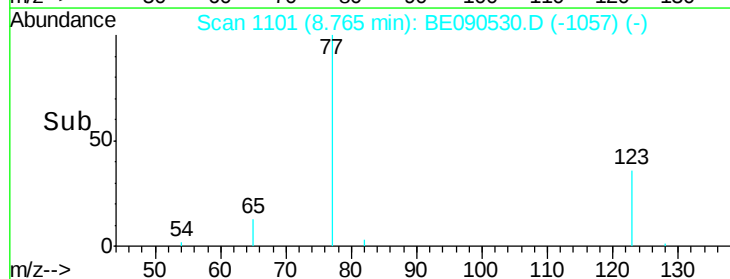
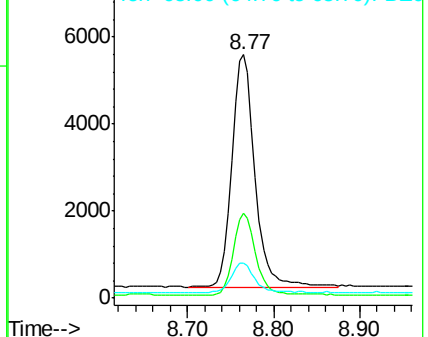
65 12.7 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.00 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

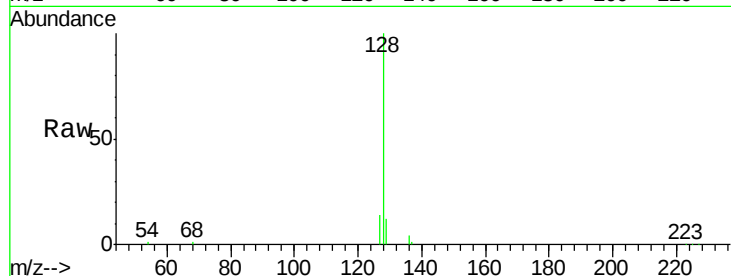
BNA_E

ClientSampleId :

SSTDCCC001EC

Tot Ion:128 Resp: 25016

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.6	10.6	16.0

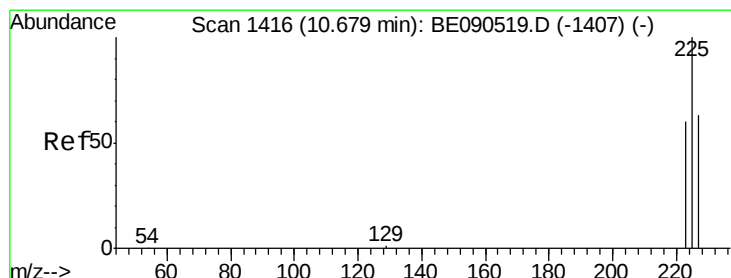
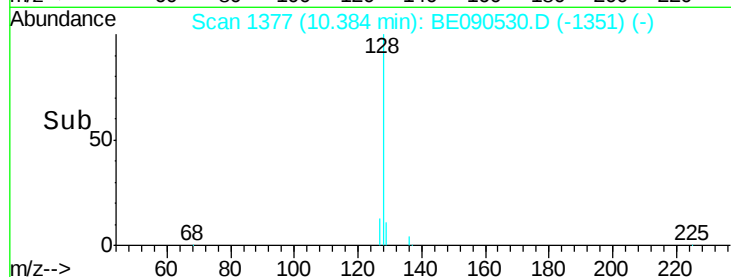
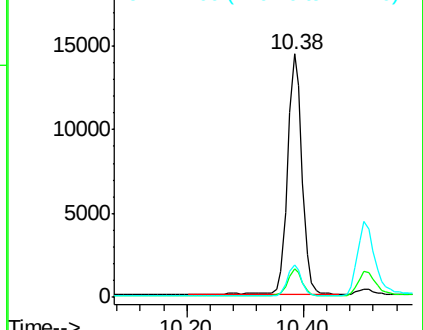


Abundance

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: 0.98 ng

RT: 10.68 min Scan# 1416

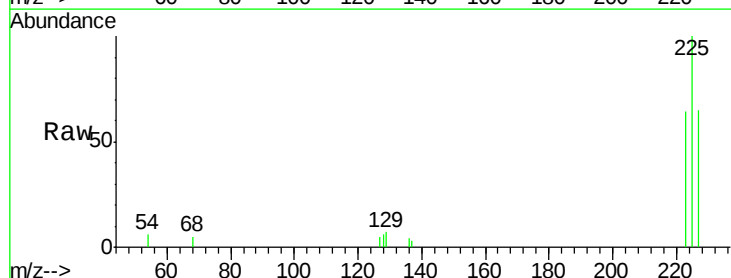
Delta R.T. -0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Tgt Ion:225 Resp: 3599

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	64.1	50.7	76.1

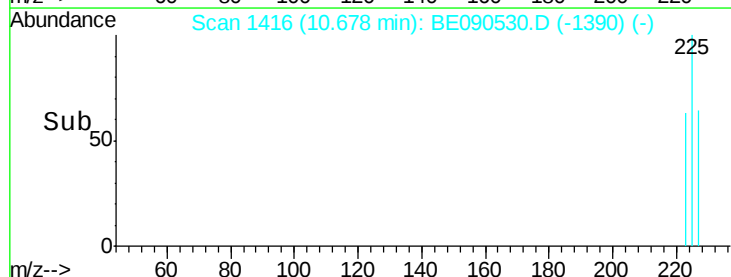
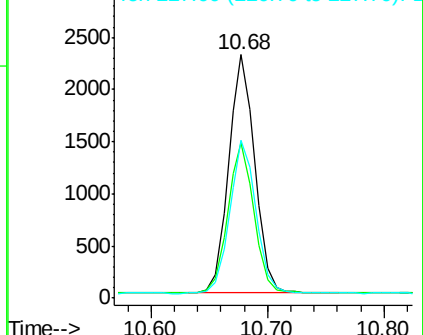


Abundance

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: 1.03 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

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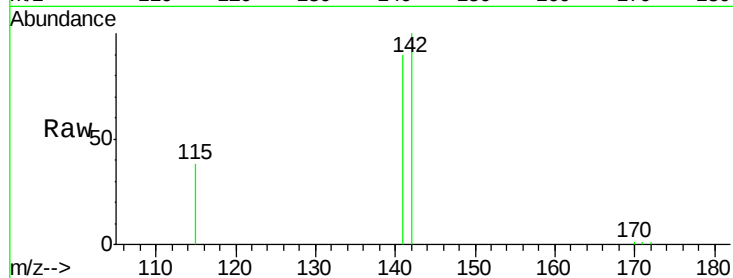
Tot Ion:142 Resp: 16659

Ion Ratio Lower Upper

142 100

141 90.4 72.6 109.0

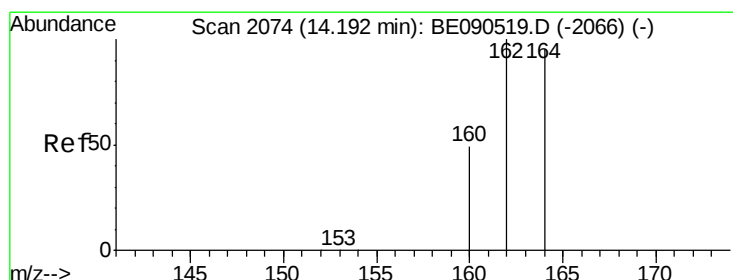
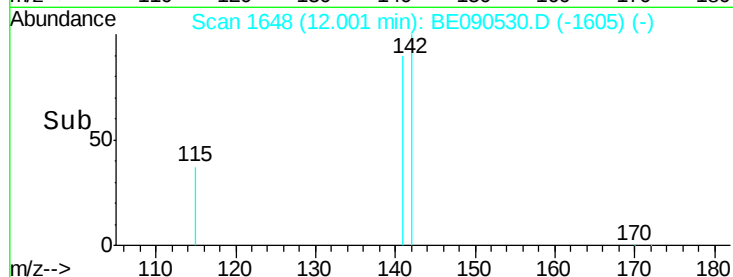
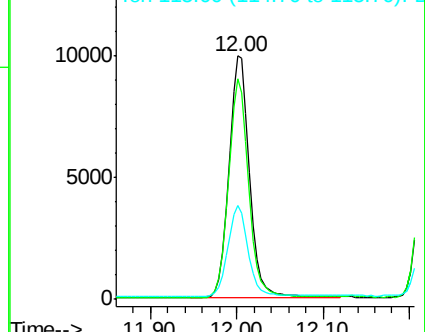
115 38.4 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

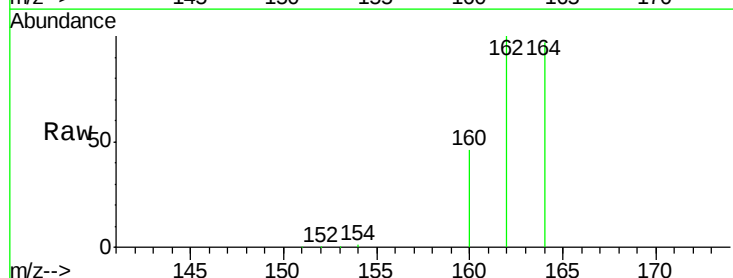
Tgt Ion:164 Resp: 60004

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

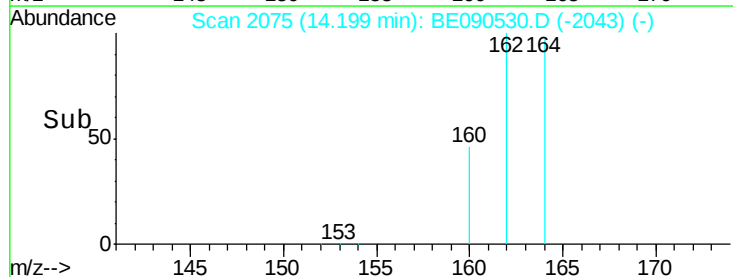
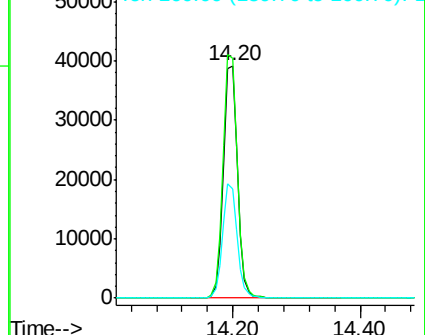
160 47.0 44.2 66.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

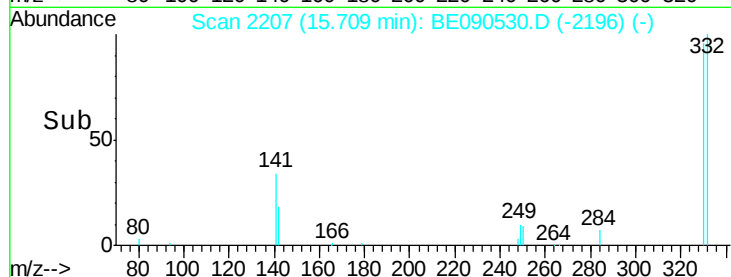
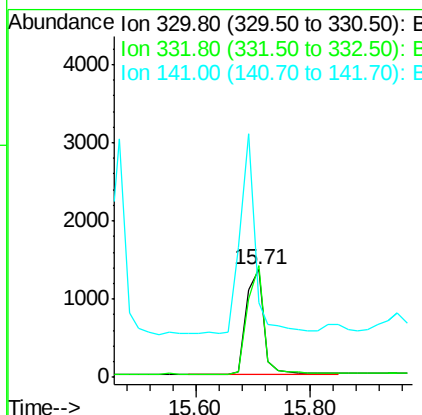
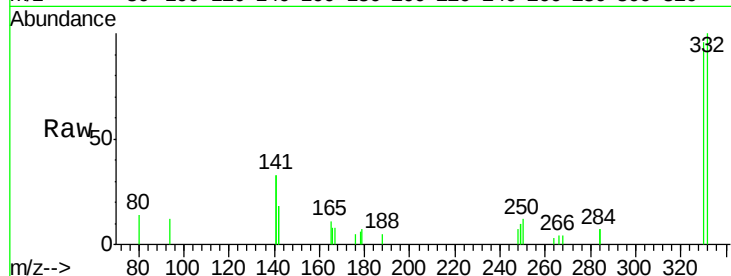




#13
 2,4,6-Tribromophenol
 Concen: 1.23 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090530.D
 Acq: 14 Aug 2015 21:00

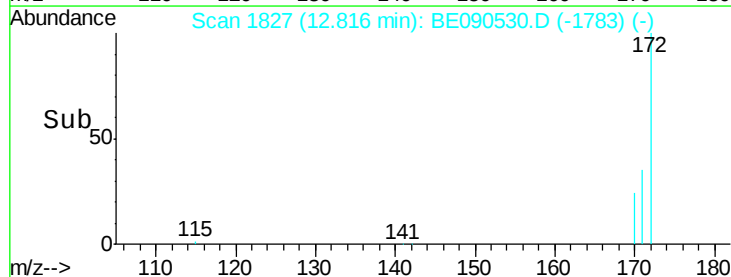
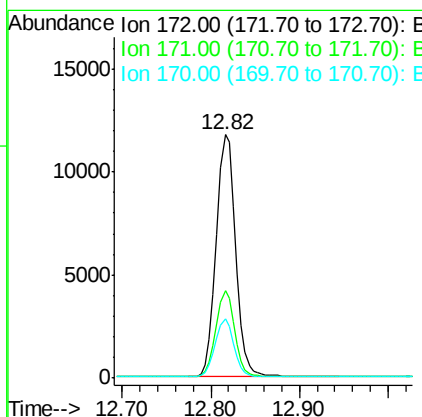
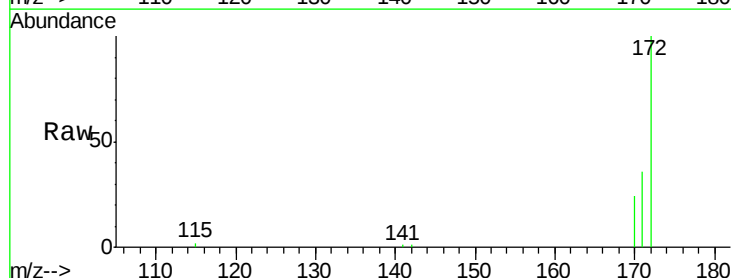
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:330 Resp: 2829
 Ion Ratio Lower Upper
 330 100
 332 98.7 75.8 113.6
 141 162.8 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 1.00 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090530.D
 Acq: 14 Aug 2015 21:00

Tgt Ion:172 Resp: 18003
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.1 19.8 29.8





#15

Acenaphthylene

Concen: 1.03 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

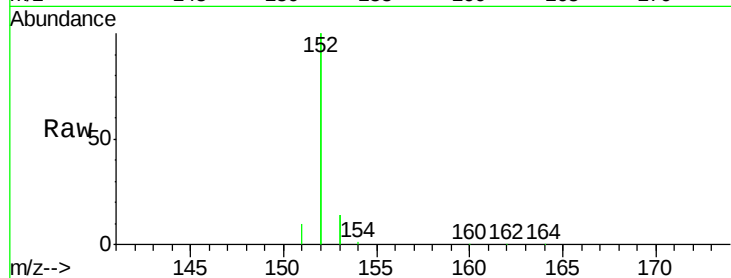
Tot Ion:152 Resp: 112448

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

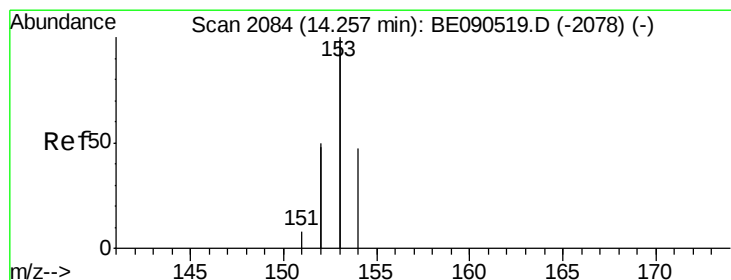
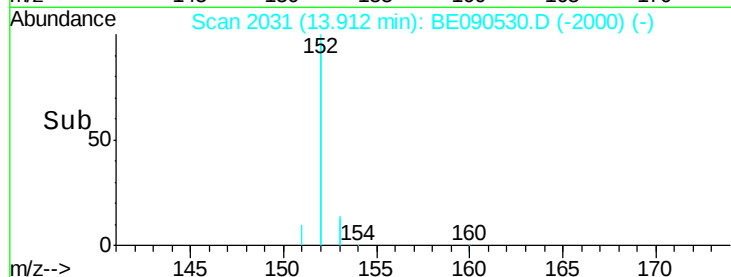
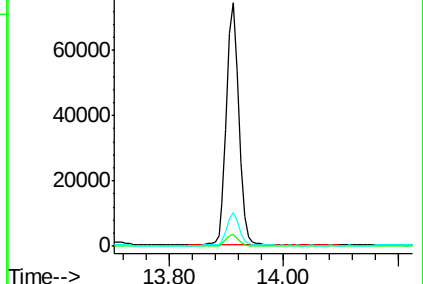
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.01 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

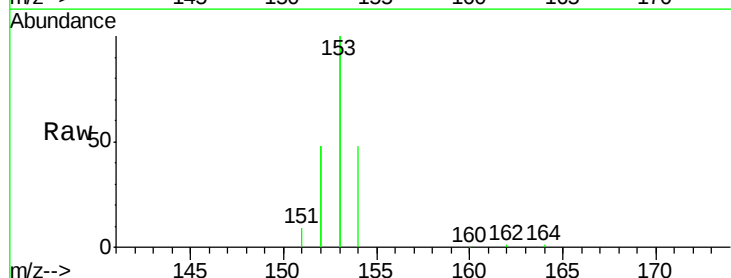
Tgt Ion:154 Resp: 16669

Ion Ratio Lower Upper

154 100

153 427.5 376.2 564.2

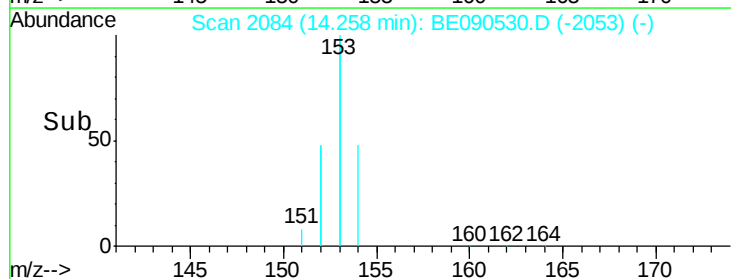
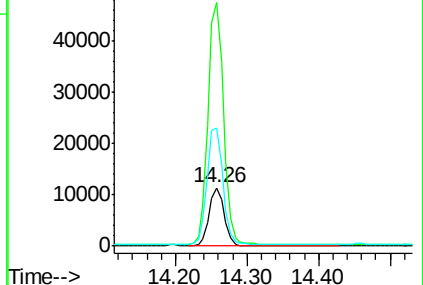
152 211.1 235.0 352.4#



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

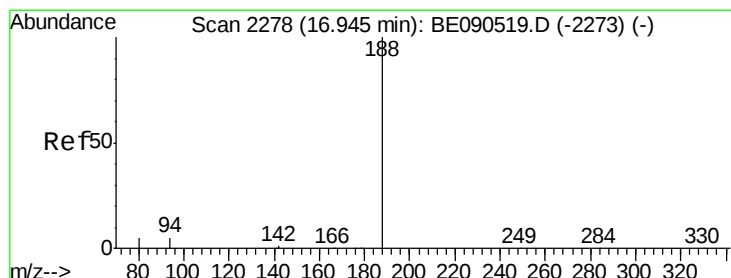
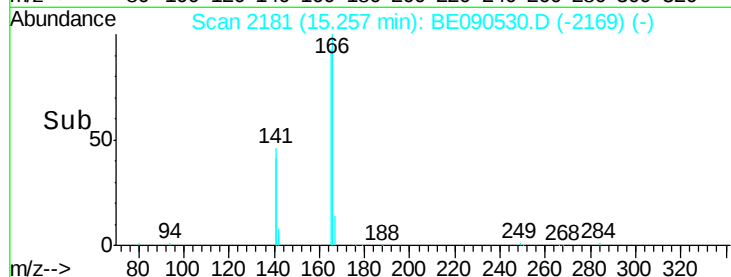
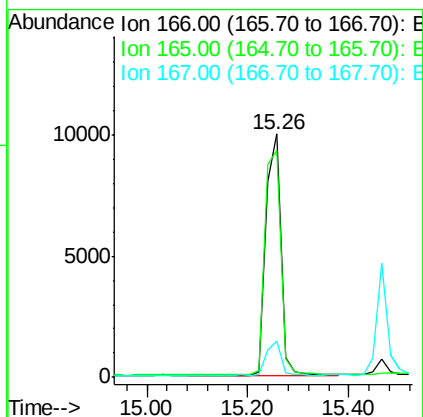
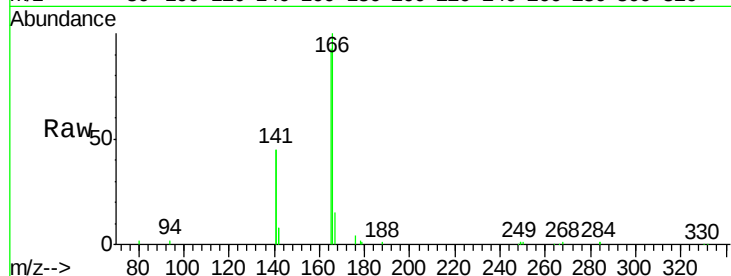




#17
Fluorene
Concen: 1.00 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

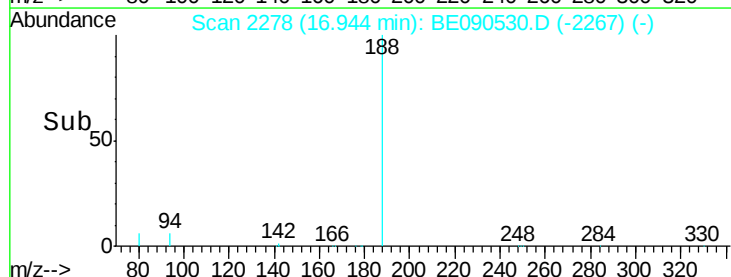
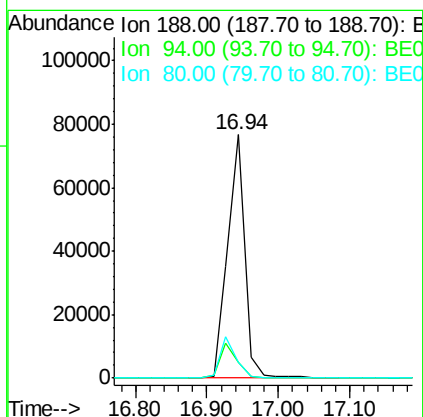
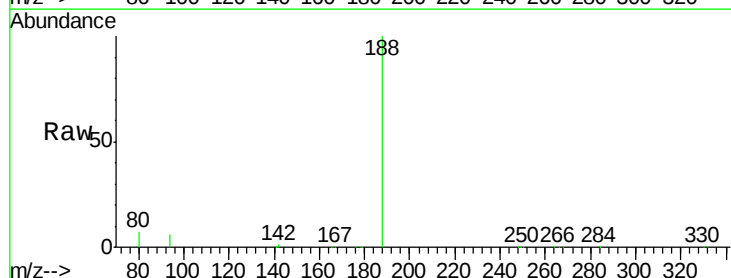
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

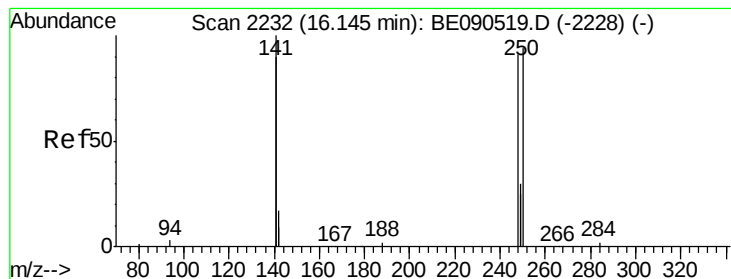
Tot Ion:166 Resp: 20176
Ion Ratio Lower Upper
166 100
165 99.4 81.5 122.3
167 14.0 11.4 17.0



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:188 Resp: 126348
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 6.7 5.8 8.8





#19

4-Bromophenyl-phenylether

Concen: 1.10 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

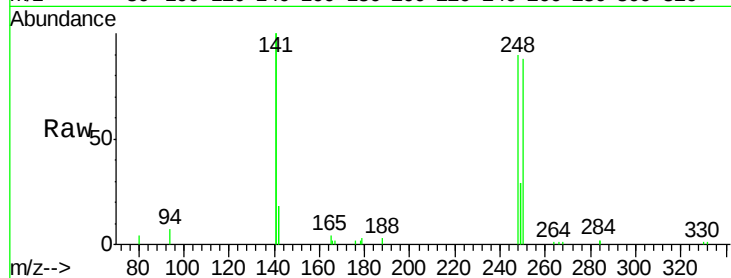
Tot Ion:248 Resp: 5662

Ion Ratio Lower Upper

248 100

250 97.5 79.0 118.6

141 341.9 239.5 359.3



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

12000

10000

8000

6000

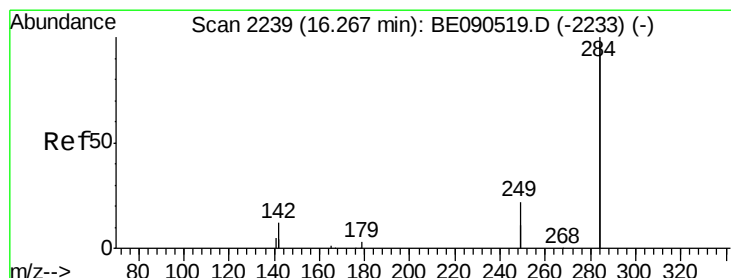
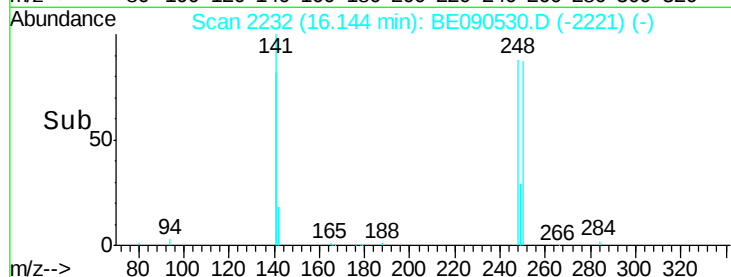
4000

2000

0

16.00 16.10 16.20

Time-->



#20

Hexachlorobenzene

Concen: 1.03 ng

RT: 16.27 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

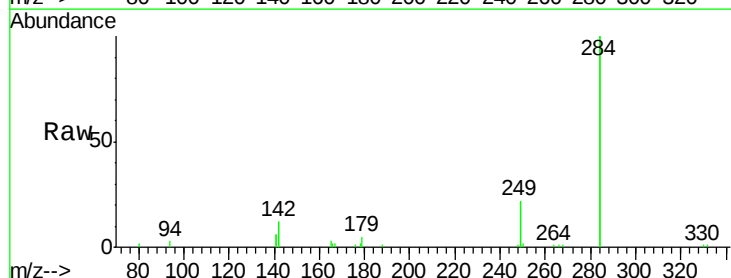
Tgt Ion:284 Resp: 23469

Ion Ratio Lower Upper

284 100

142 41.1 30.1 45.1

249 30.6 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

20000

15000

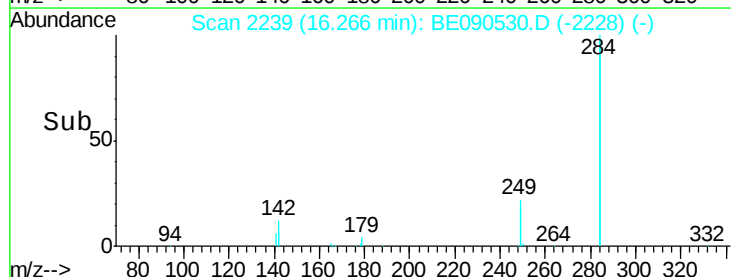
10000

5000

0

16.10 16.20 16.30 16.40

Time-->

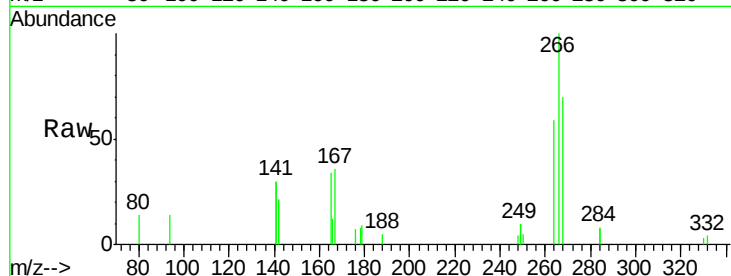




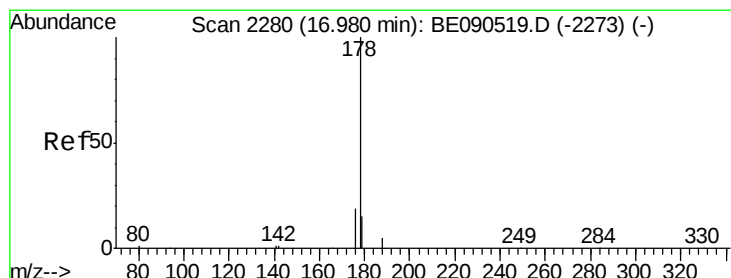
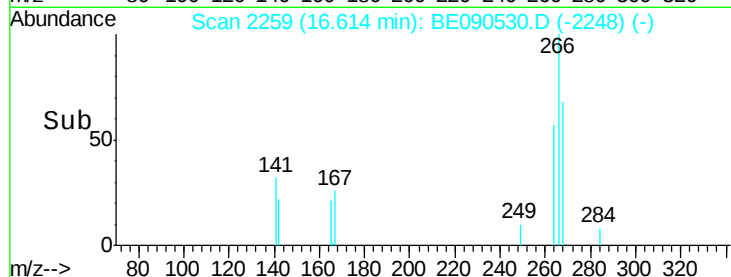
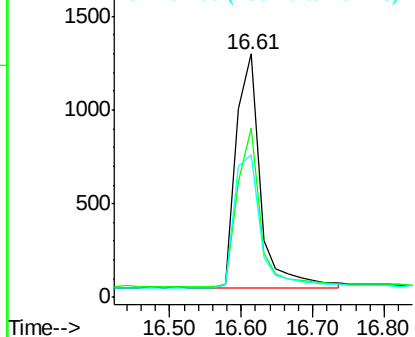
#21
 Pentachlorophenol
 Concen: 1.30 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090530.D
 Acq: 14 Aug 2015 21:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:266 Resp: 2923
 Ion Ratio Lower Upper
 266 100
 268 69.7 58.5 87.7
 264 58.7 56.0 84.0

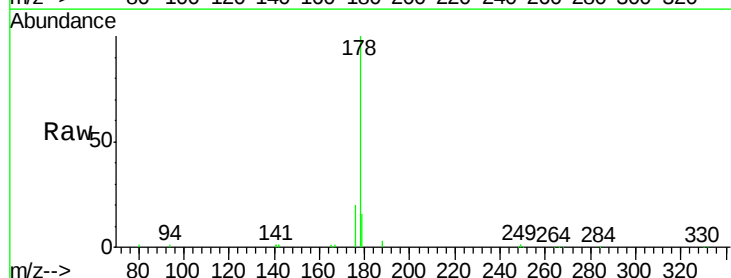


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

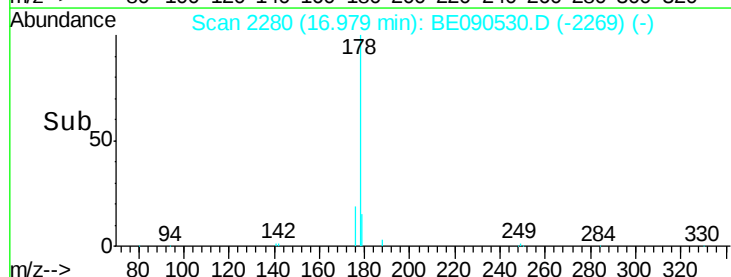
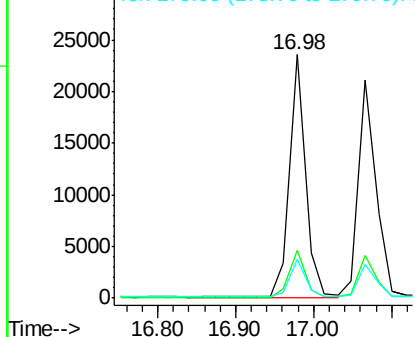


#22
 Phenanthrene
 Concen: 0.99 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090530.D
 Acq: 14 Aug 2015 21:00

Tgt Ion:178 Resp: 32994
 Ion Ratio Lower Upper
 178 100
 176 19.5 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: 1.07 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

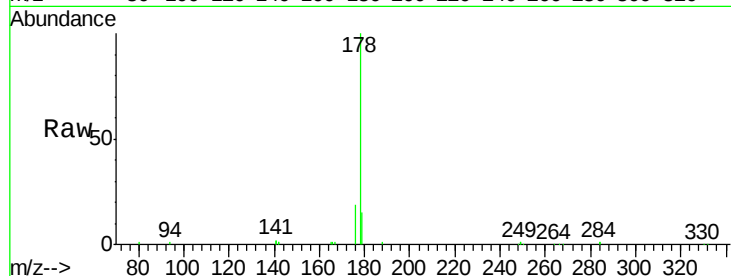
BNA_E

ClientSampleId :

SSTDCCC001EC

Tot Ion:178 Resp: 32720

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.1	12.2	18.4

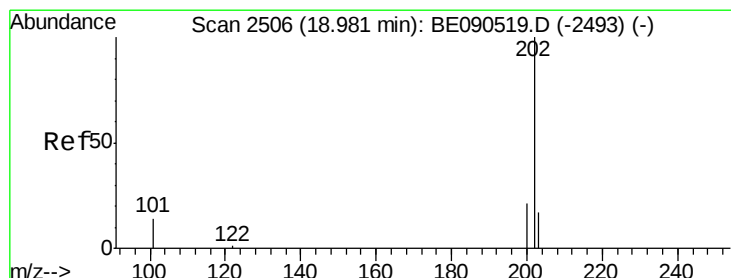
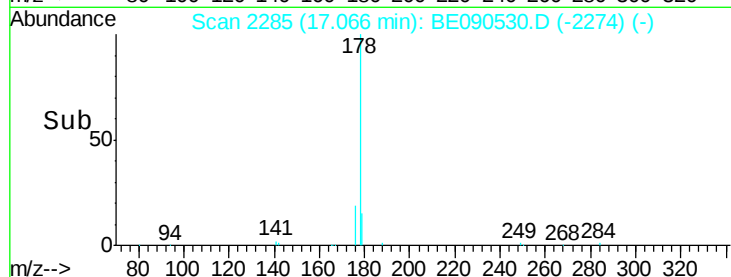
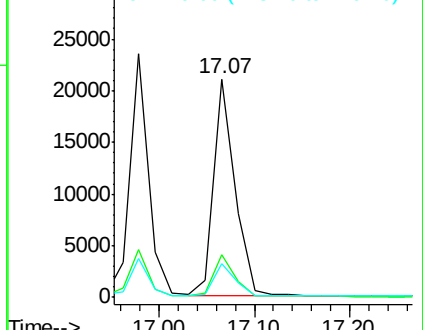


Abundance

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: 1.07 ng

RT: 18.98 min Scan# 2506

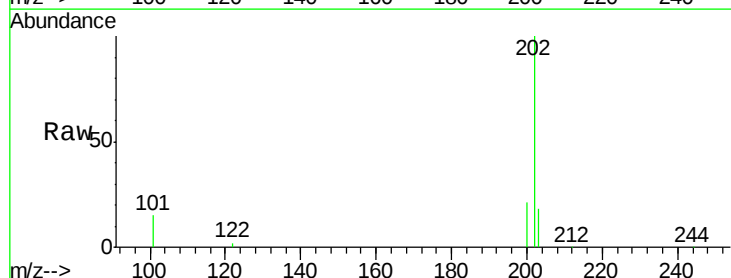
Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Tgt Ion:202 Resp: 37724

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.3	15.5
203	17.3	13.7	20.5

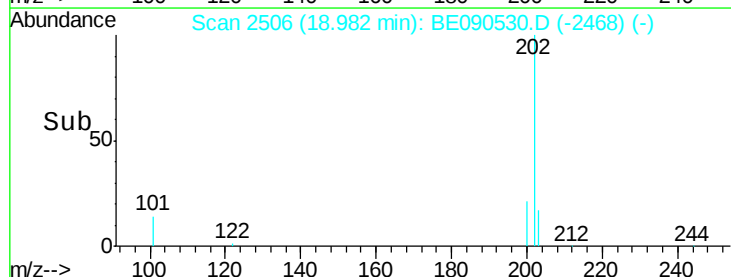
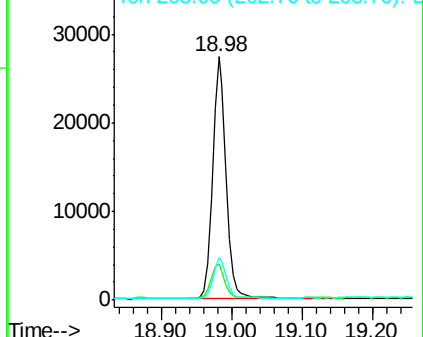


Abundance

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# 2866

Delta R.T. 0.01 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

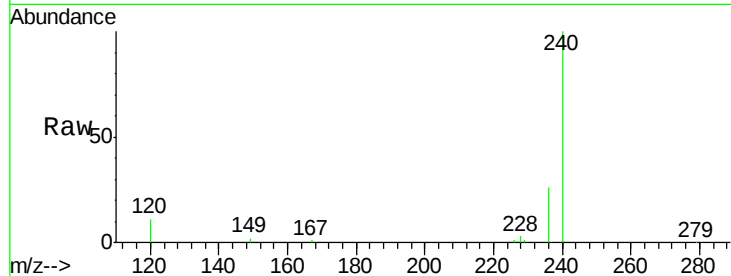
Tot Ion:240 Resp: 127693

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

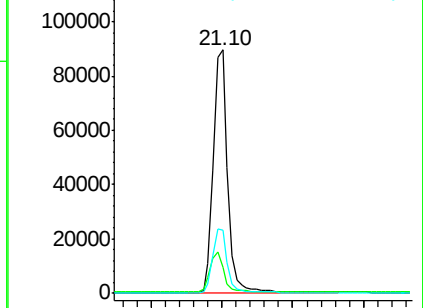
236 26.2 21.0 31.4



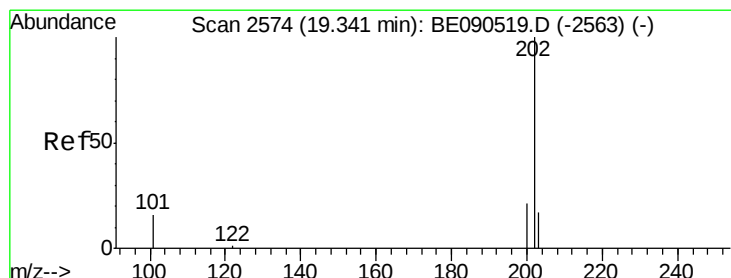
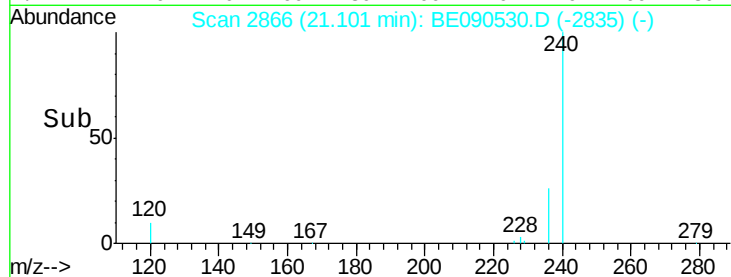
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#26

Pyrene

Concen: 1.06 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

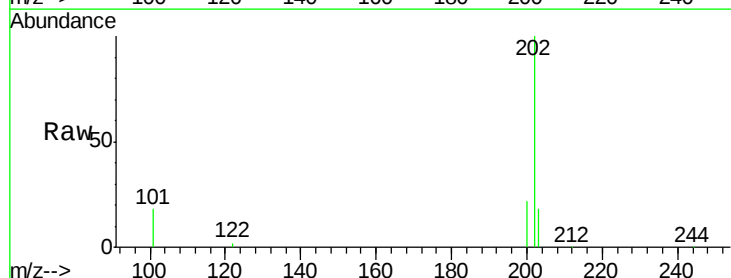
Tgt Ion:202 Resp: 38698

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

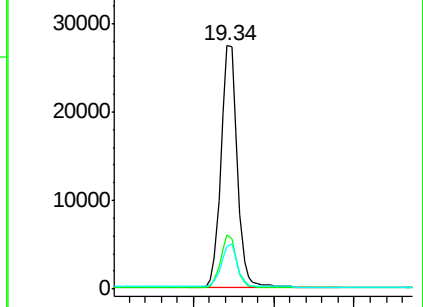
203 17.9 13.8 20.8



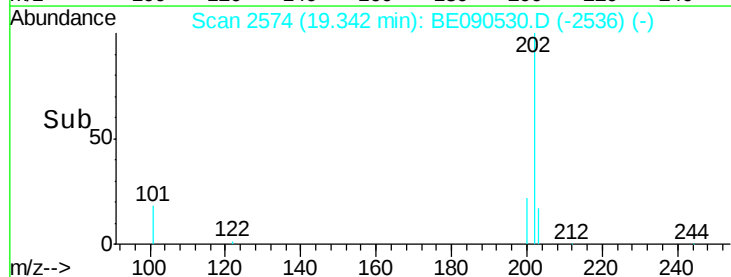
Abundance Ion 202.00 (201.70 to 202.70): E

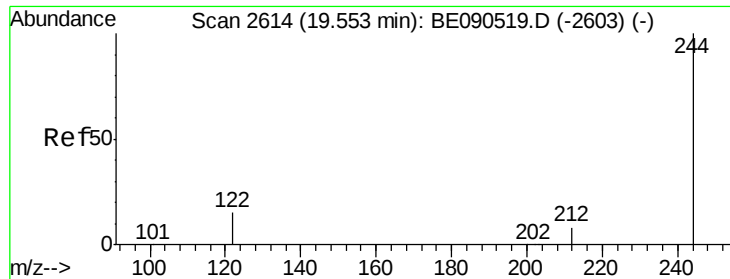
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

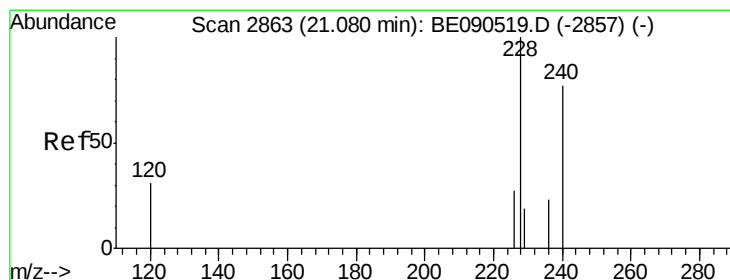
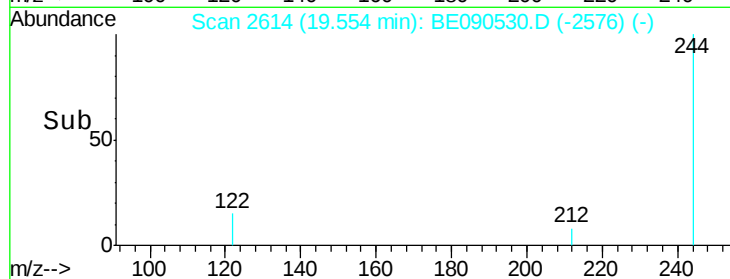
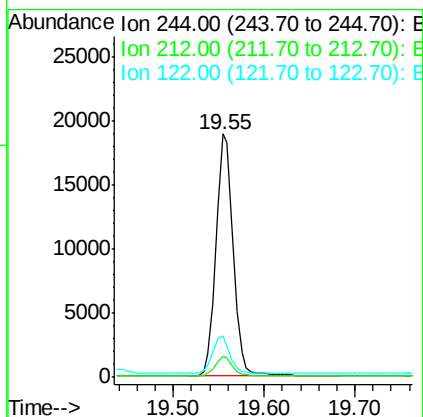
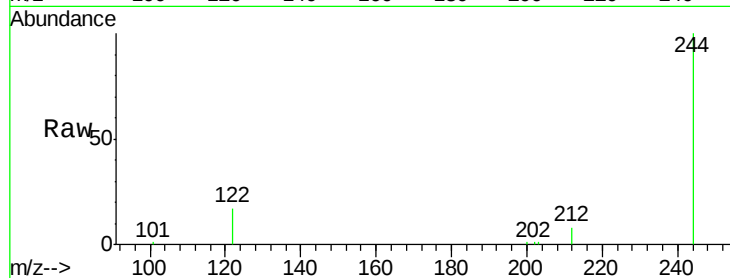




#27
 Terphenyl-d14
 Concen: 1.08 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090530.D
 Acq: 14 Aug 2015 21:00

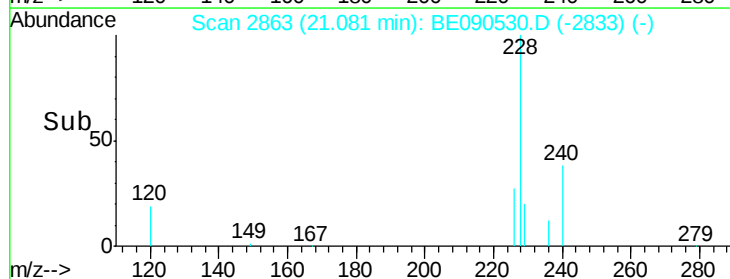
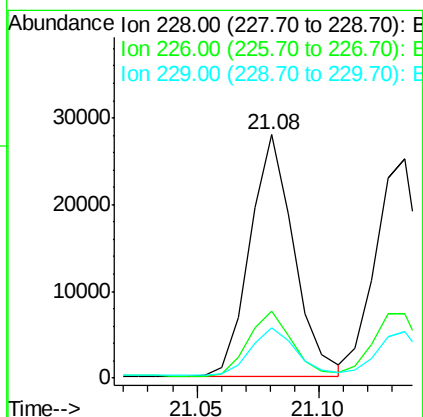
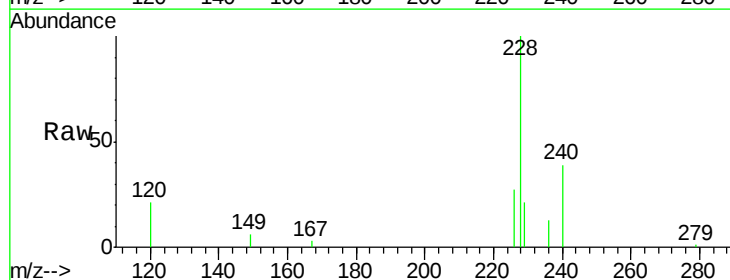
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

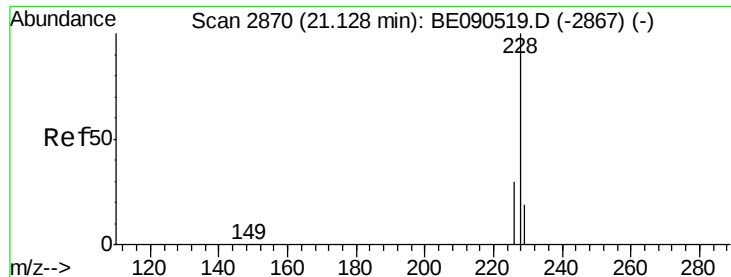
Tot Ion:244 Resp: 25240
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 16.9 10.2 15.4#



#28
 Benzo(a)anthracene
 Concen: 1.03 ng
 RT: 21.08 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BE090530.D
 Acq: 14 Aug 2015 21:00

Tgt Ion:228 Resp: 34555
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.9 32.9
 229 20.8 15.4 23.0





#29

Chrysene

Concen: 1.02 ng

RT: 21.13 min Scan# 2871

Delta R.T. 0.01 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

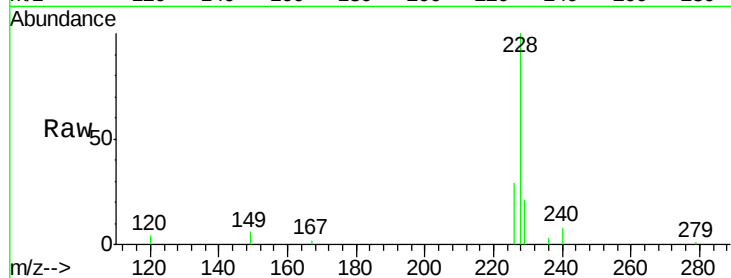
Tot Ion:228 Resp: 34856

Ion Ratio Lower Upper

228 100

226 29.4 23.1 34.7

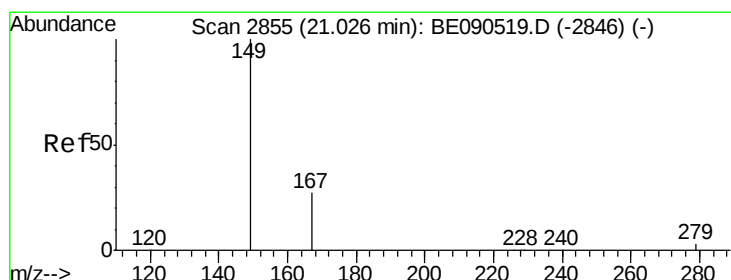
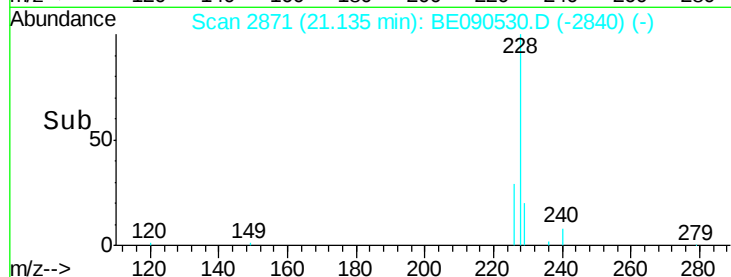
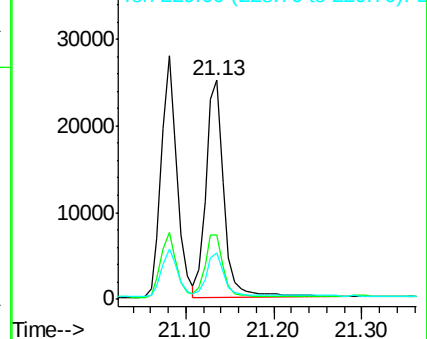
229 21.2 15.8 23.8



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: 1.46 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

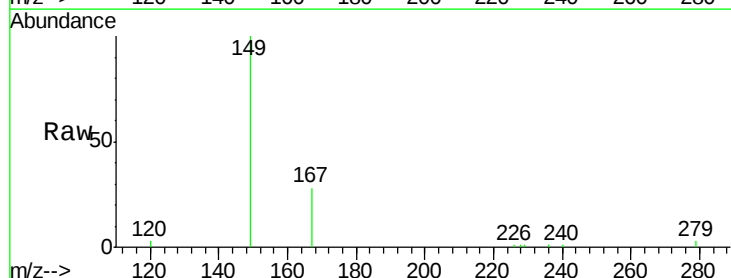
Tgt Ion:149 Resp: 27227

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

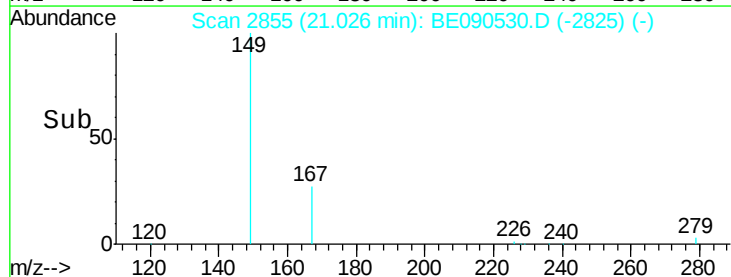
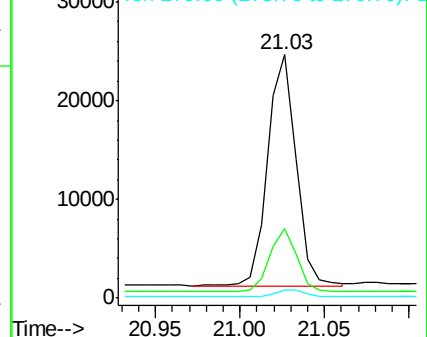
279 3.2 2.4 3.6



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

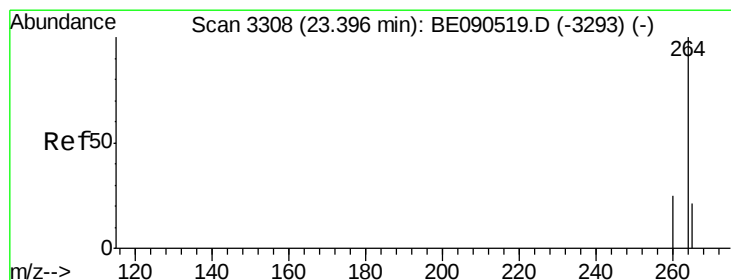
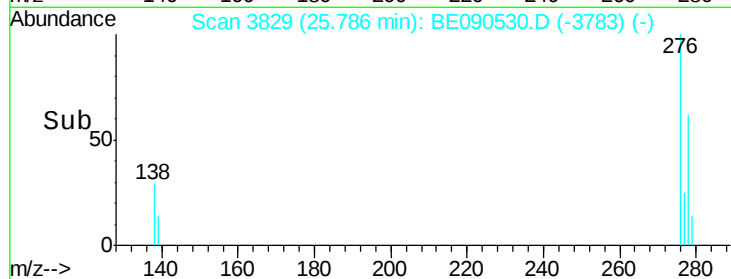
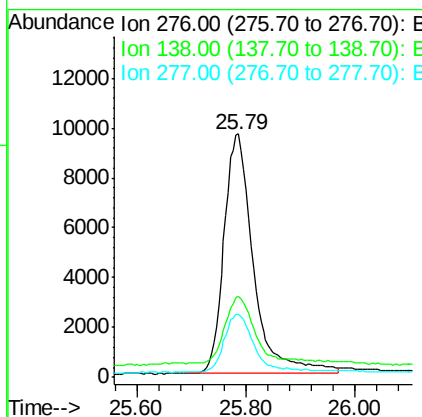
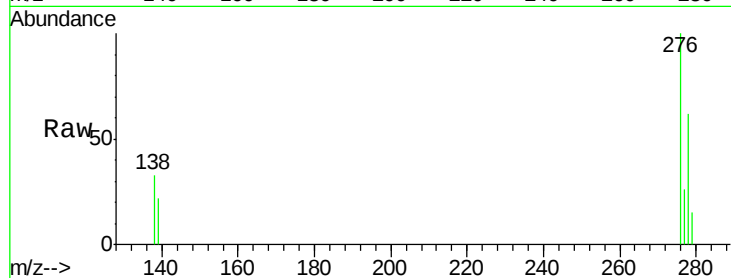




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.12 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

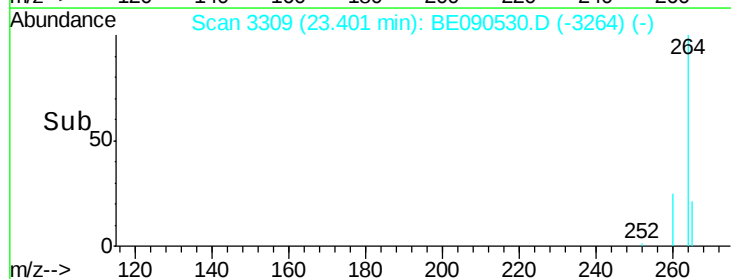
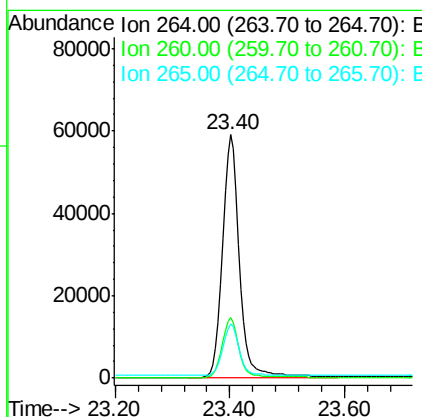
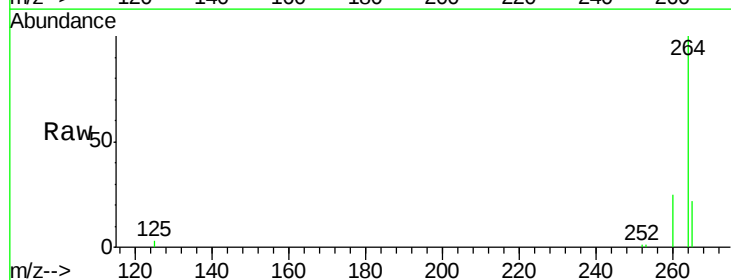
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tot Ion:276 Resp: 36057
Ion Ratio Lower Upper
276 100
138 27.8 18.8 28.2
277 24.0 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3309
Delta R.T. 0.01 min
Lab File: BE090530.D
Acq: 14 Aug 2015 21:00

Tgt Ion:264 Resp: 122762
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 22.3 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 1.09 ng

RT: 22.70 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

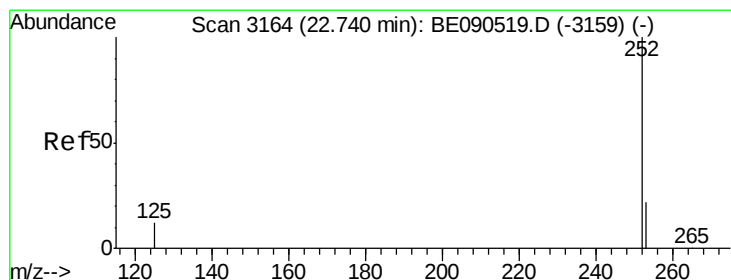
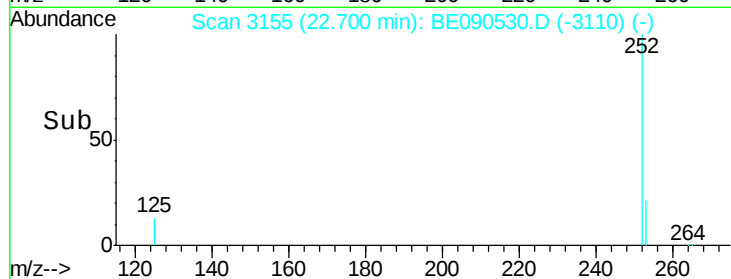
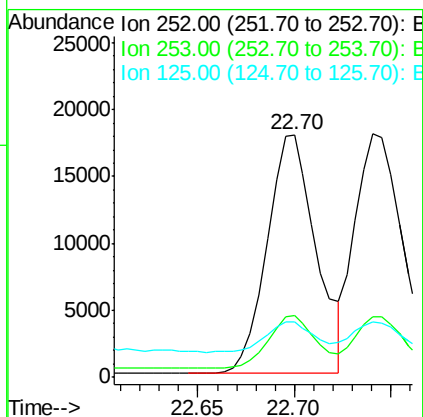
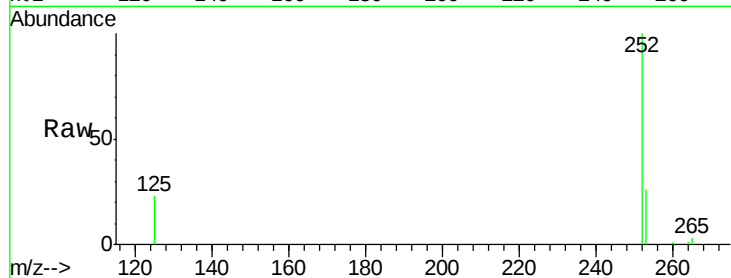
Tot Ion:252 Resp: 31551

Ion Ratio Lower Upper

252 100

253 25.6 18.1 27.1

125 22.8 9.4 14.2#



#34

Benzo(k)fluoranthene

Concen: 1.01 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

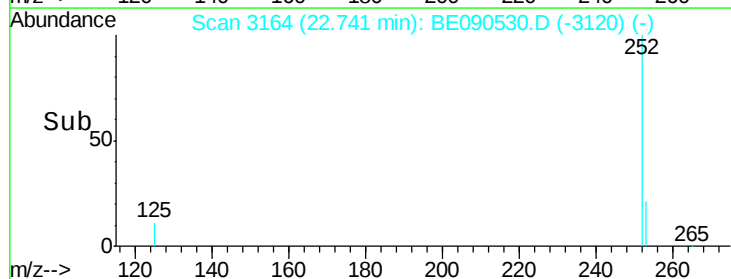
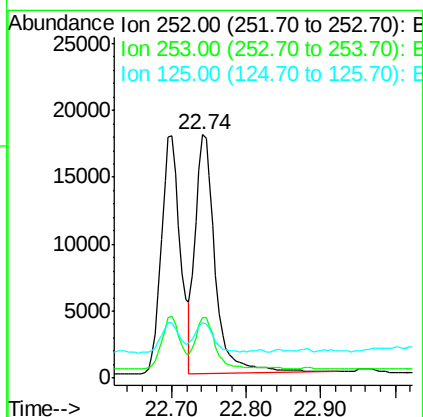
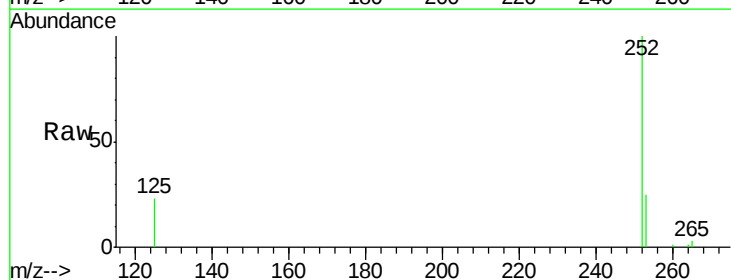
Tgt Ion:252 Resp: 33396

Ion Ratio Lower Upper

252 100

253 24.8 18.1 27.1

125 22.6 9.1 13.7#





#35

Benzo(a)pyrene

Concen: 1.07 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.01 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

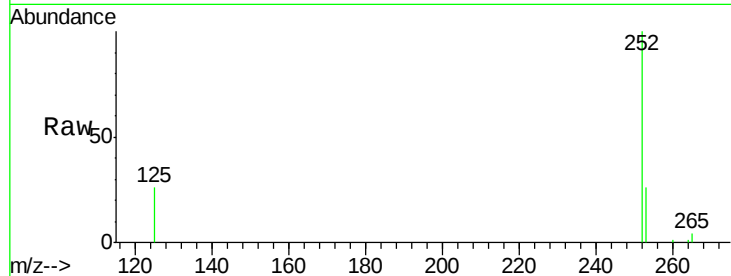
Tot Ion:252 Resp: 29180

Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

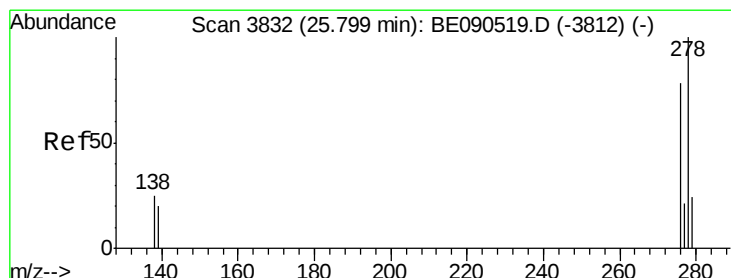
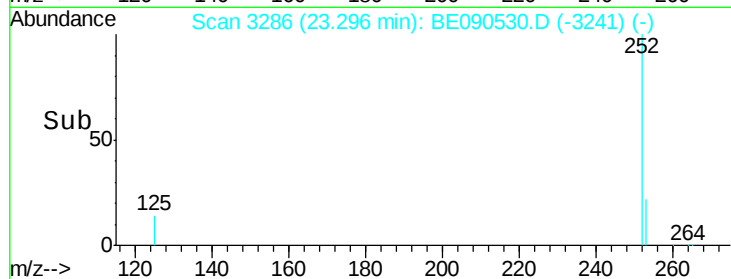
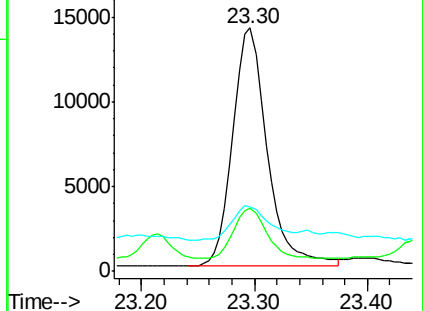
125 26.5 9.8 14.6#



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: 1.10 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090530.D

Acq: 14 Aug 2015 21:00

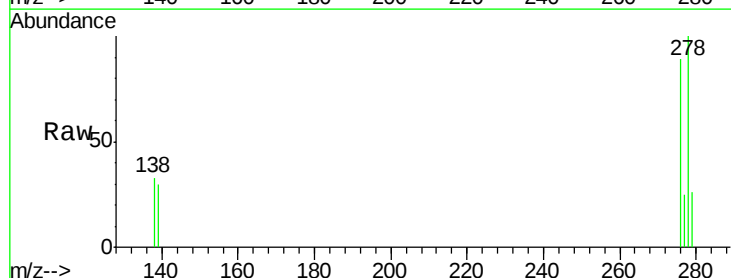
Tgt Ion:278 Resp: 28767

Ion Ratio Lower Upper

278 100

139 30.1 14.2 21.4#

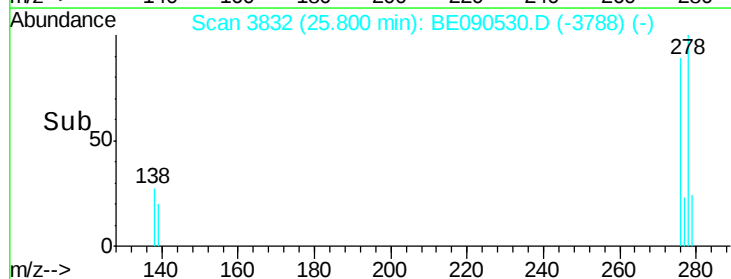
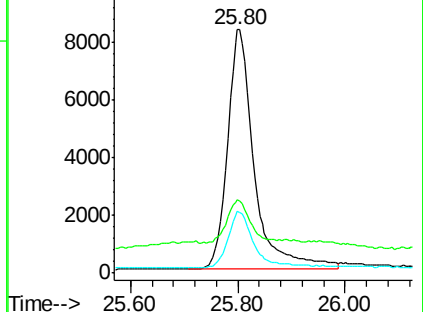
279 25.6 20.1 30.1



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: 1.08 ng

RT: 26.52 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BE090530.D

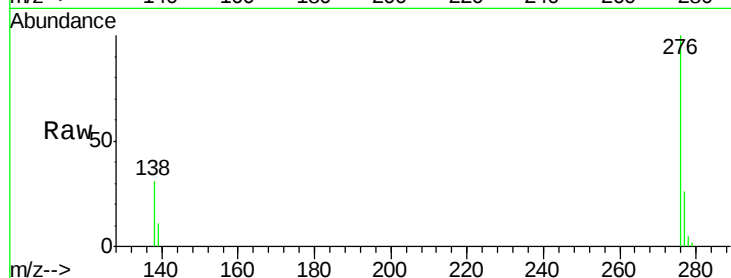
Acq: 14 Aug 2015 21:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



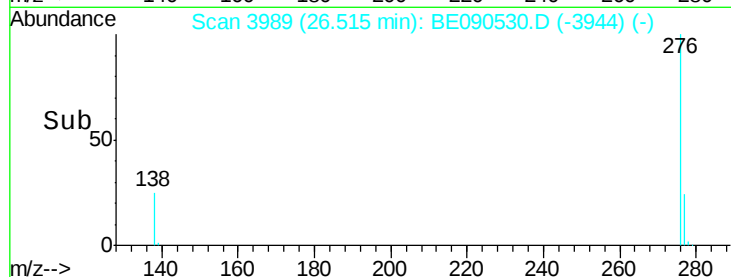
Tot Ion: 276 Resp: 31079

Ion Ratio Lower Upper

276 100

277 25.9 20.1 30.1

138 30.5 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

