

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090460.D
 Acq On : 12 Aug 2015 10:37
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 12 11:25:24 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22565	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	106131	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	62976	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	147134	5.00	ng	0.00
25) Chrysene-d12	21.09	240	167440	5.00	ng	0.00
32) Perylene-d12	23.40	264	149781	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4836	1.43	ng	0.00
5) Phenol-d6	6.77	99	7526	1.24	ng	0.00
7) Nitrobenzene-d5	8.73	82	7610	1.05	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1674	1.49	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	17920	1.03	ng	0.00
27) Terphenyl-d14	19.55	244	27356	1.11	ng	-0.01

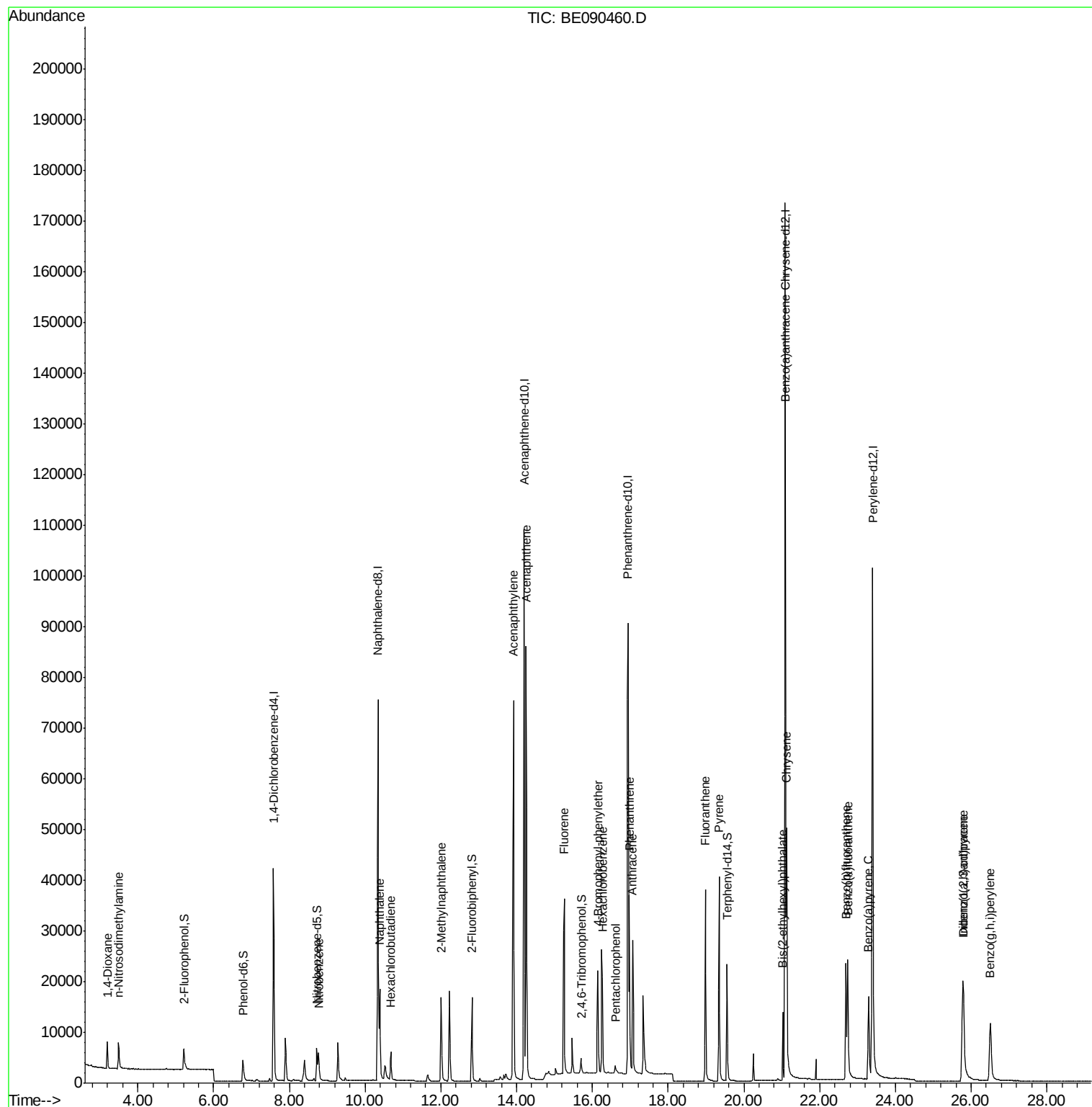
Target Compounds					Qvalue
2) 1,4-Dioxane	3.20	88	3043	1.03	ng 97
3) n-Nitrosodimethylamine	3.49	42	3735	1.07	ng 82
8) Nitrobenzene	8.77	77	7874	1.03	ng 99
9) Naphthalene	10.38	128	23944	1.02	ng 99
10) Hexachlorobutadiene	10.68	225	4070	1.09	ng 99
11) 2-Methylnaphthalene	12.01	142	14706	1.08	ng 98
15) Acenaphthylene	13.91	152	105876	1.04	ng 100
16) Acenaphthene	14.26	154	15940	1.01	ng 93
17) Fluorene	15.26	166	20758	1.01	ng 99
19) 4-Bromophenyl-phenylether	16.14	248	5741	1.00	ng 95
20) Hexachlorobenzene	16.27	284	27390	0.93	ng 98
21) Pentachlorophenol	16.61	266	1322	1.29	ng 96
22) Phenanthrene	16.98	178	37050	1.01	ng 100
23) Anthracene	17.07	178	33368	1.10	ng 100
24) Fluoranthene	18.98	202	38291	1.06	ng 99
26) Pyrene	19.34	202	40078	1.10	ng 100
28) Benzo(a)anthracene	21.08	228	39796	1.07	ng 99
29) Chrysene	21.13	228	44078	0.98	ng 99
30) Bis(2-ethylhexyl)phthalate	21.03	149	10789	1.21	ng 99
31) Indeno(1,2,3-cd)pyrene	25.78	276	34013	1.05	ng 96
33) Benzo(b)fluoranthene	22.70	252	31356	1.08	ng 99
34) Benzo(k)fluoranthene	22.74	252	37388	0.90	ng 99
35) Benzo(a)pyrene	23.29	252	27702	1.05	ng 99
36) Dibenzo(a,h)anthracene	25.80	278	25979	1.07	ng 99
37) Benzo(g,h,i)perylene	26.51	276	29072	1.05	ng 98

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

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Instrument :
BNA_E
ClientSampleId :
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Quant Time: Aug 12 11:25:24 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

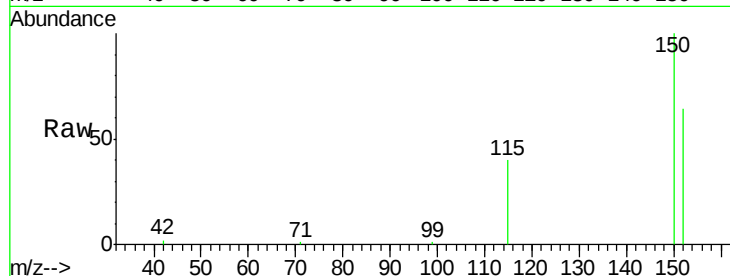




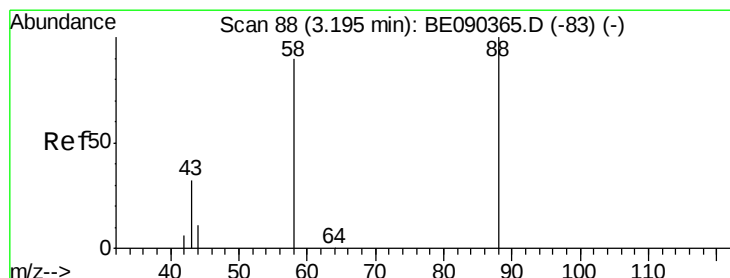
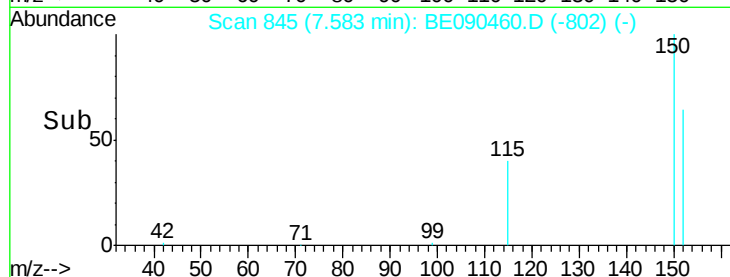
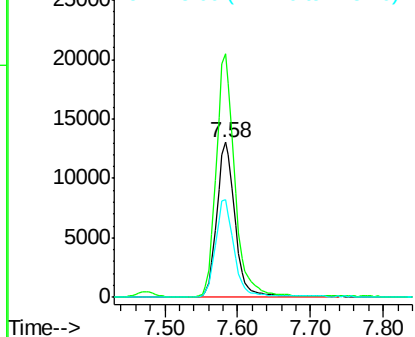
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:152 Resp: 22565
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.0 184.4
 115 63.3 48.9 73.3

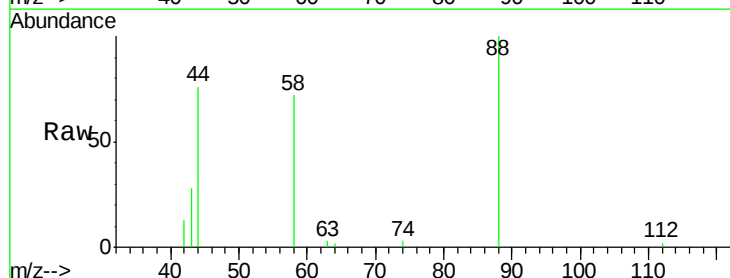


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

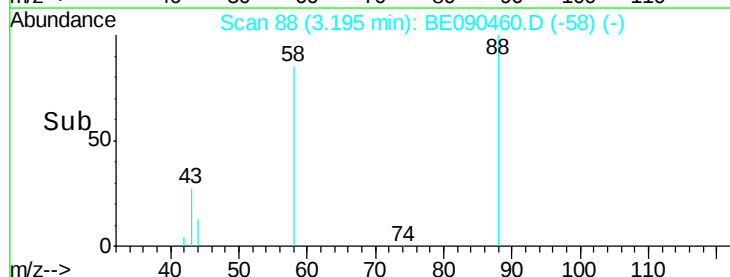
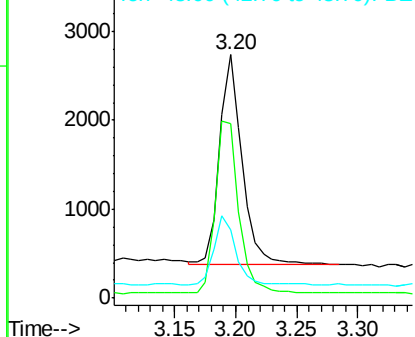


#2
 1,4-Dioxane
 Concen: 1.03 ng
 RT: 3.20 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Tgt Ion: 88 Resp: 3043
 Ion Ratio Lower Upper
 88 100
 58 85.1 70.0 105.0
 43 32.6 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



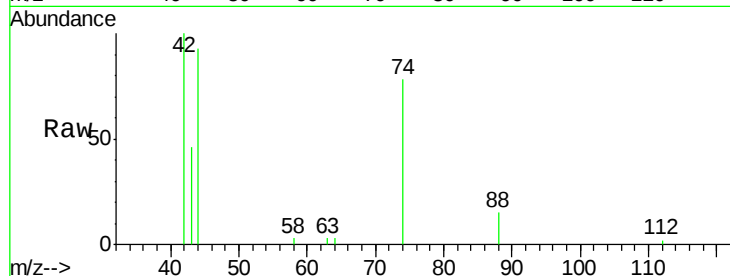


#3

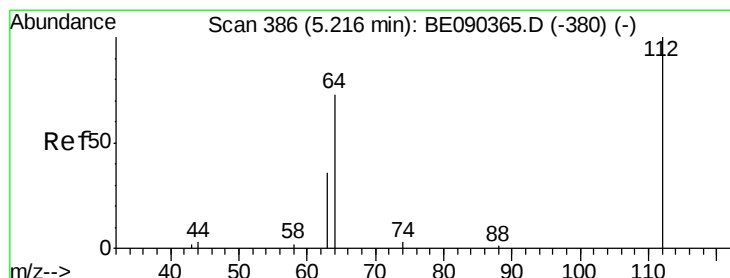
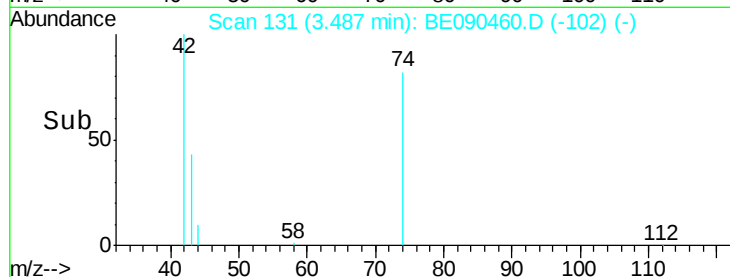
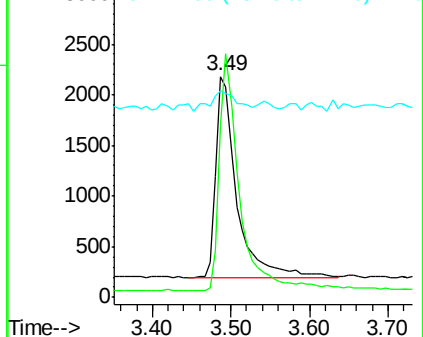
n-Nitrosodimethylamine
 Concen: 1.07 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 42 Resp: 3735
 Ion Ratio Lower Upper
 42 100
 74 112.7 75.2 112.8
 44 12.4 8.7 13.1



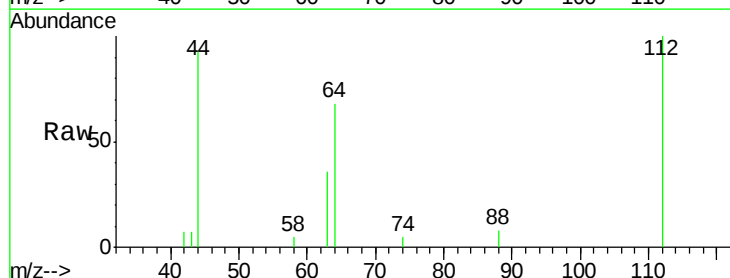
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



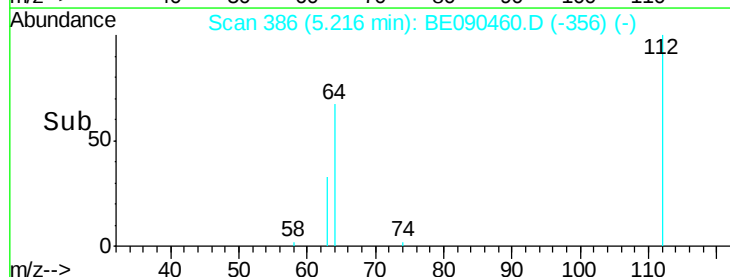
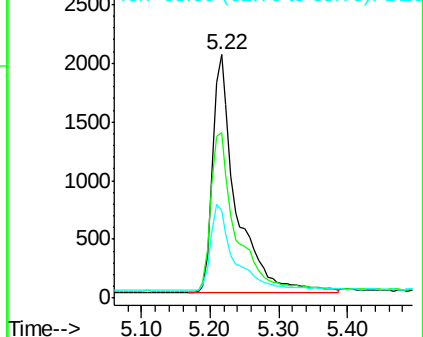
#4

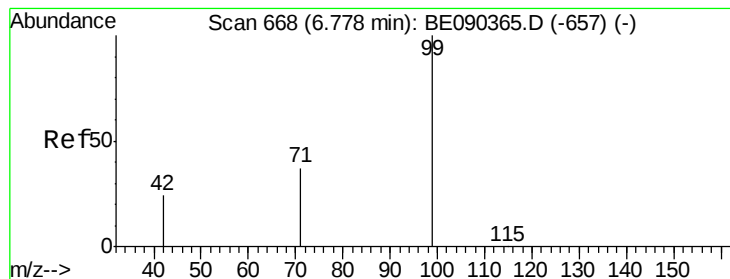
2-Fluorophenol
 Concen: 1.43 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Tgt Ion: 112 Resp: 4836
 Ion Ratio Lower Upper
 112 100
 64 70.1 37.1 55.7#
 63 36.2 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: 1.24 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

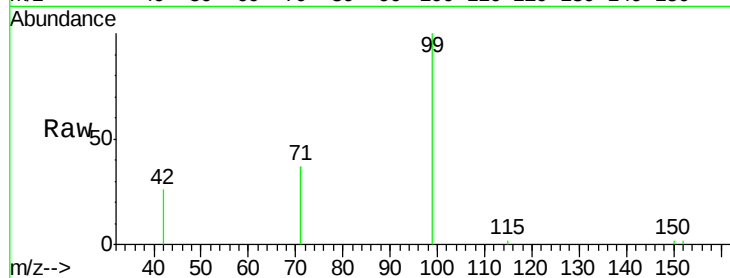
Tgt Ion: 99 Resp: 7526

Ion Ratio Lower Upper

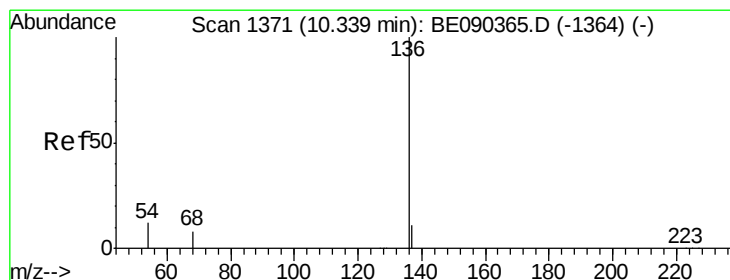
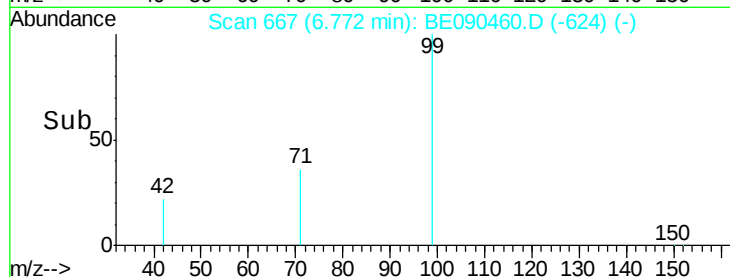
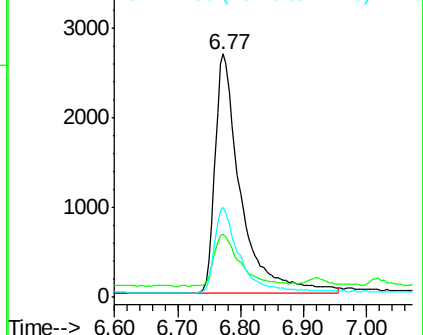
99 100

42 22.9 18.2 27.4

71 34.2 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Tgt Ion: 136 Resp: 106131

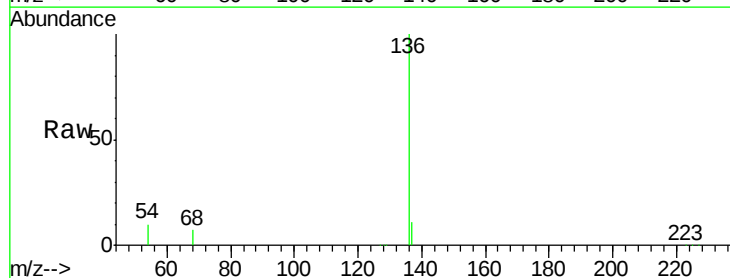
Ion Ratio Lower Upper

136 100

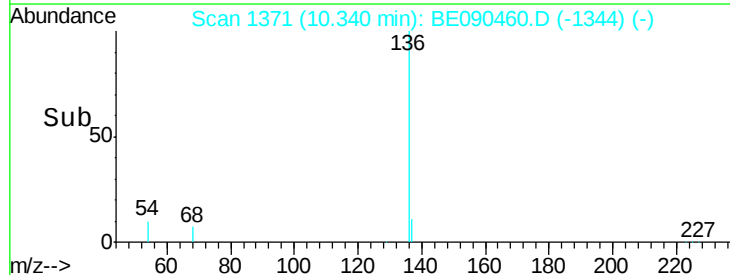
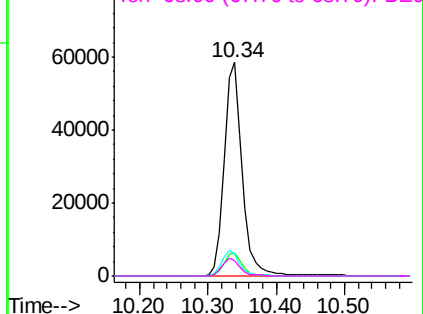
137 11.1 8.7 13.1

54 10.2 9.4 14.0

68 7.4 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 1.05 ng

RT: 8.73 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

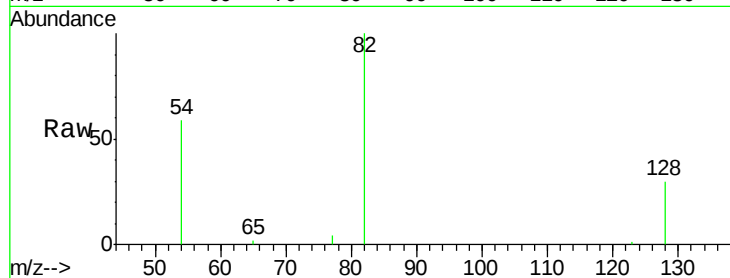
Tgt Ion: 82 Resp: 7610

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

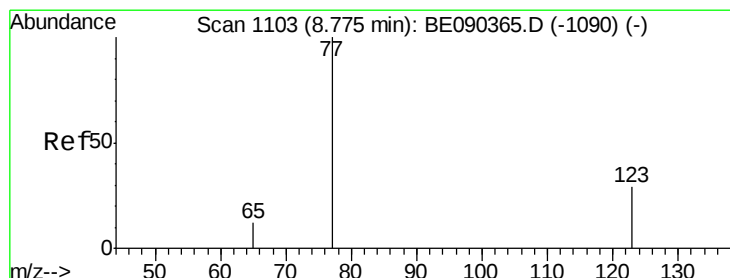
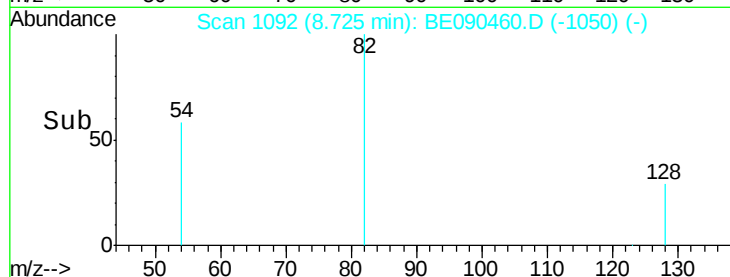
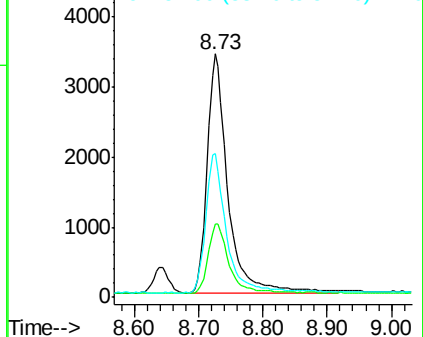
54 59.3 48.8 73.2



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: 1.03 ng

RT: 8.77 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

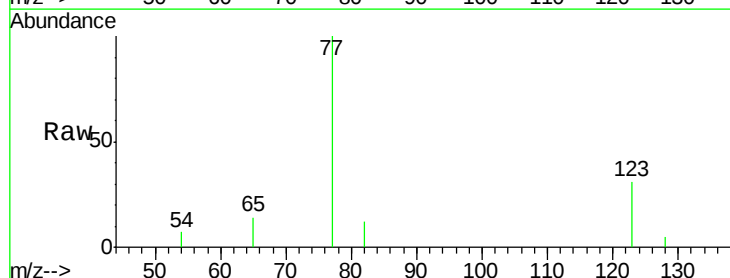
Tgt Ion: 77 Resp: 7874

Ion Ratio Lower Upper

77 100

123 32.0 25.1 37.7

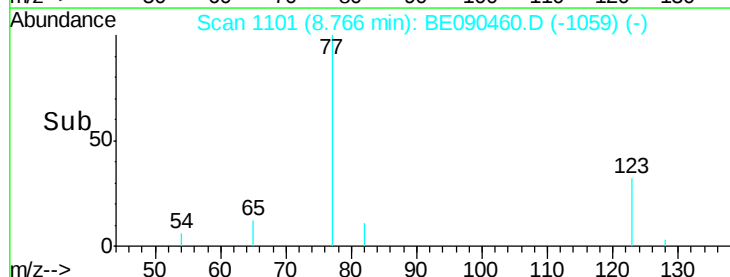
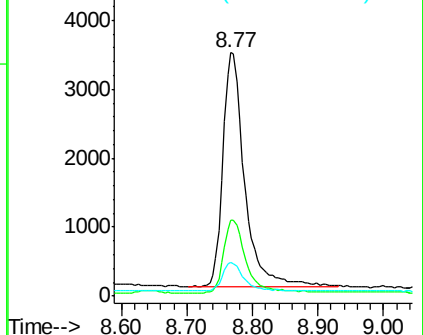
65 12.0 9.3 13.9

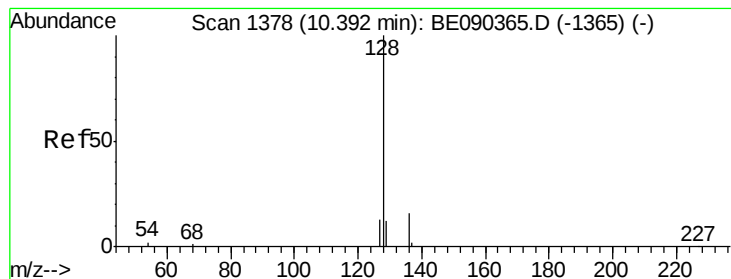


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.02 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

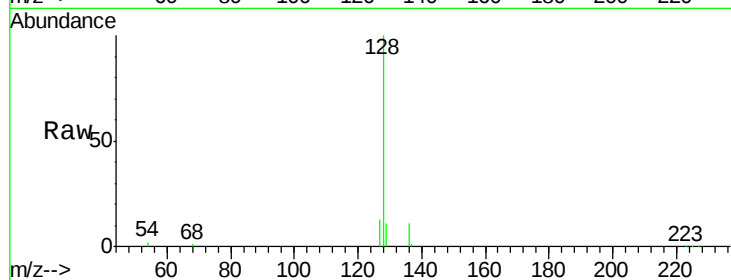
Tgt Ion:128 Resp: 23944

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

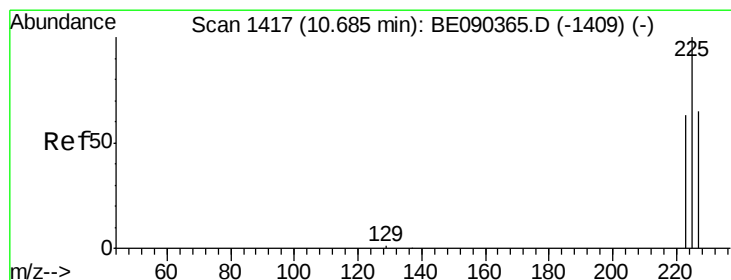
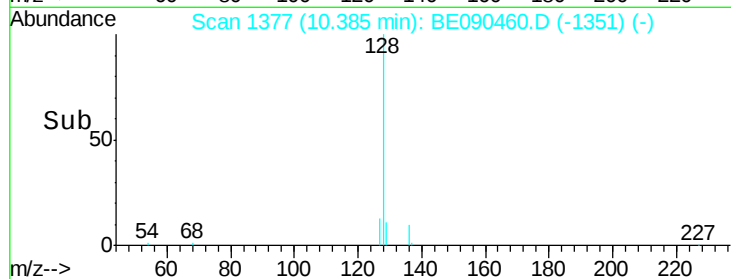
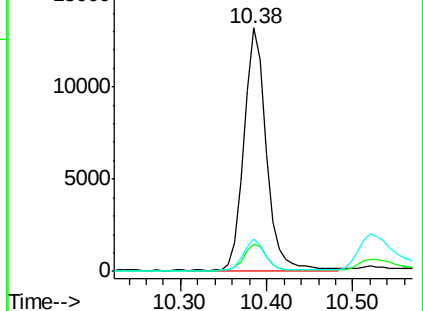
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.09 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

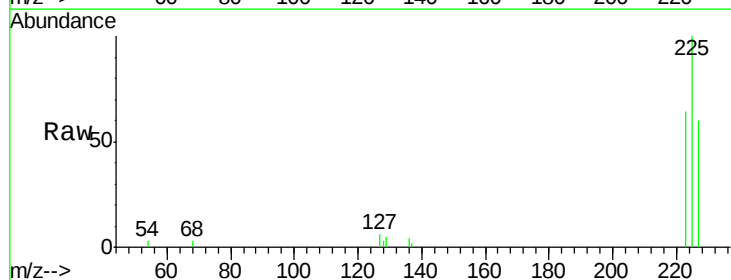
Tgt Ion:225 Resp: 4070

Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

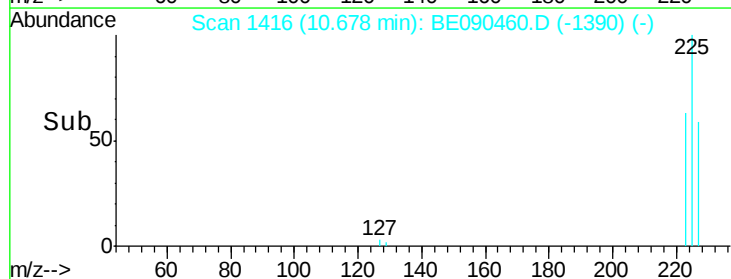
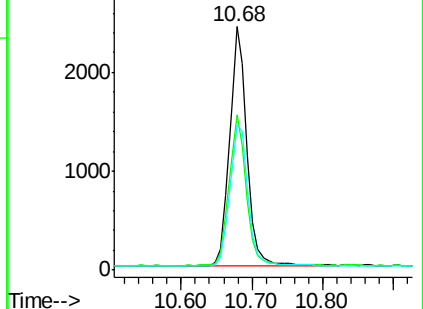
227 62.5 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

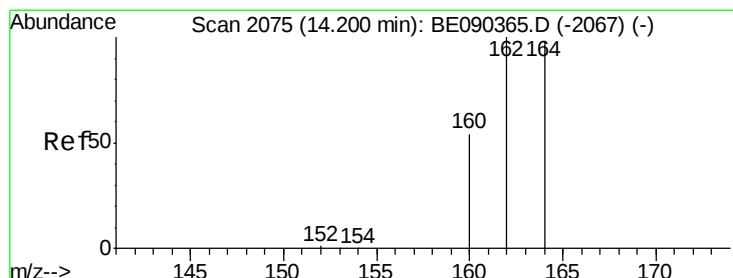
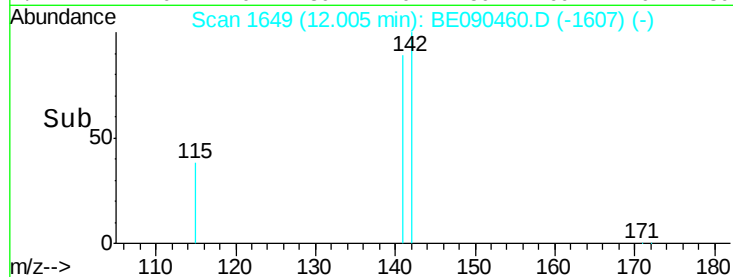
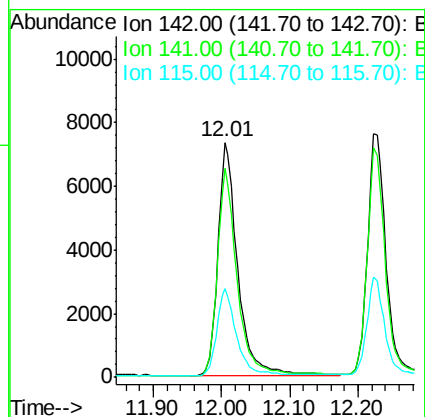
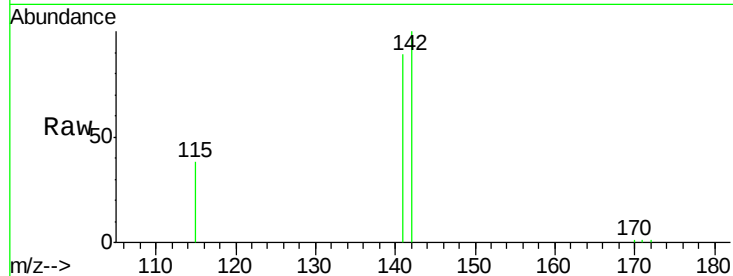




#11
2-Methylnaphthalene
Concen: 1.08 ng
RT: 12.01 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

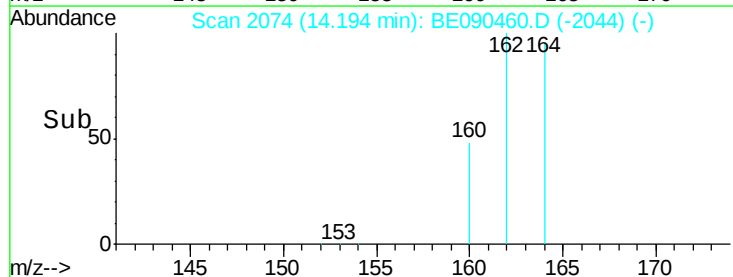
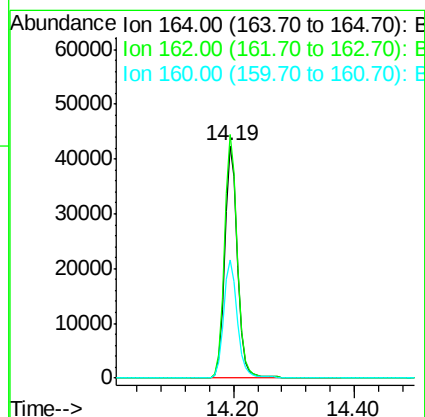
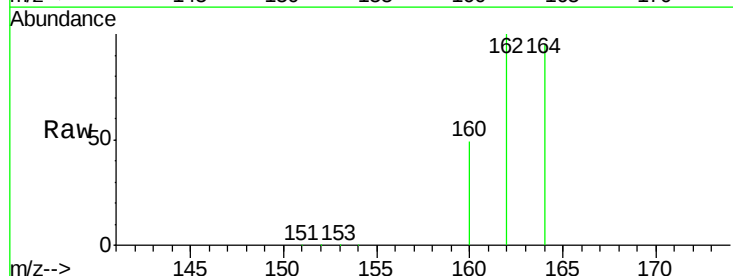
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 14706
Ion Ratio Lower Upper
142 100
141 89.0 72.6 109.0
115 38.1 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:164 Resp: 62976
Ion Ratio Lower Upper
164 100
162 104.8 81.8 122.8
160 50.9 44.2 66.4

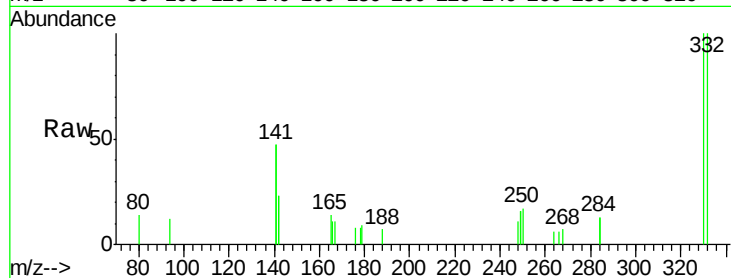




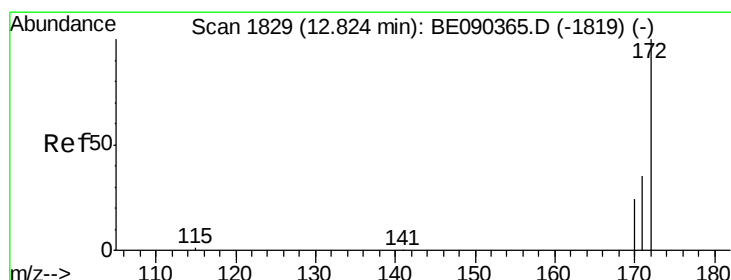
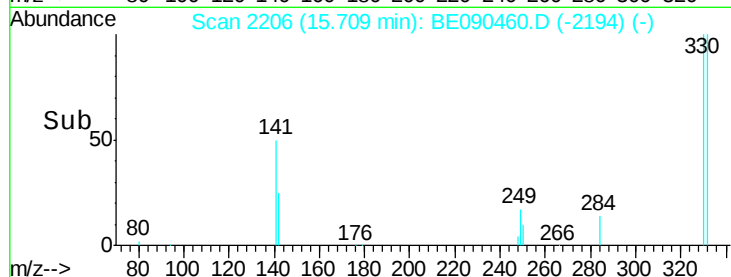
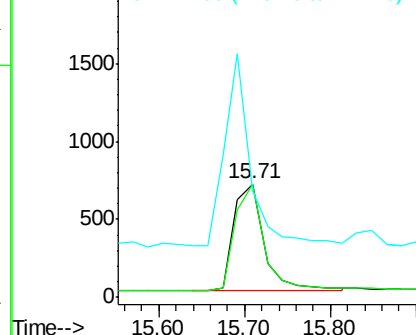
#13
 2,4,6-Tribromophenol
 Concen: 1.49 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 1674
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.8 113.6
 141 153.4 114.4 171.6

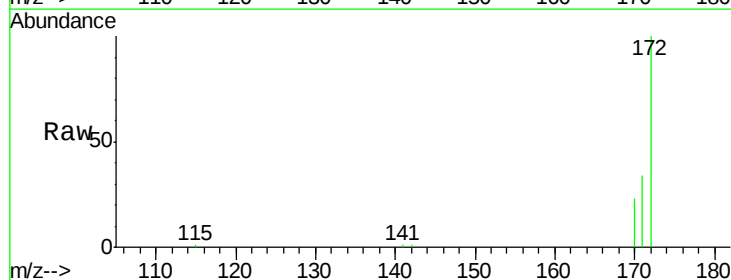


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

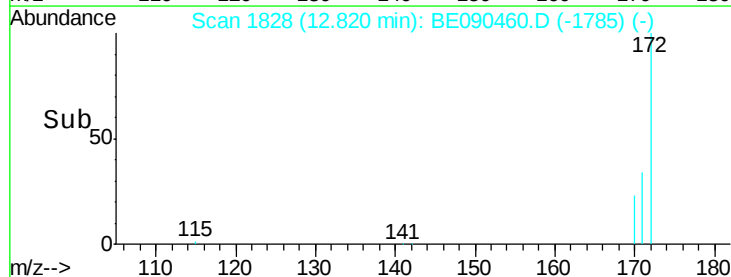
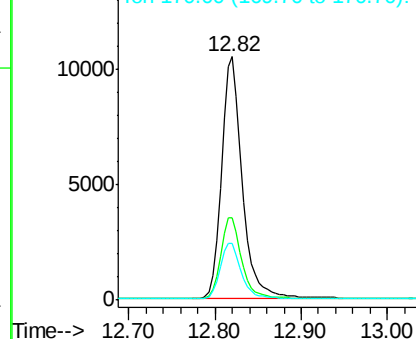


#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Tgt Ion: 172 Resp: 17920
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 23.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 1.04 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

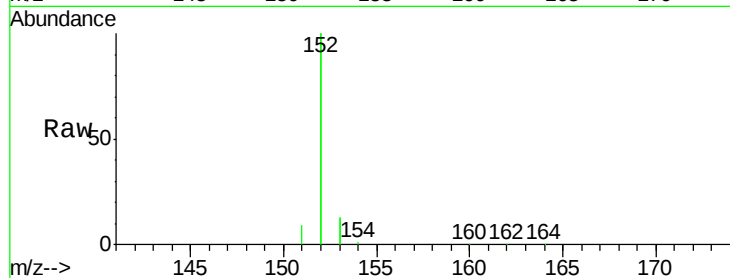
Tgt Ion:152 Resp: 105876

Ion Ratio Lower Upper

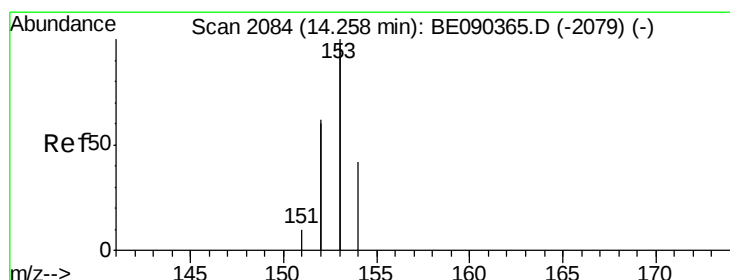
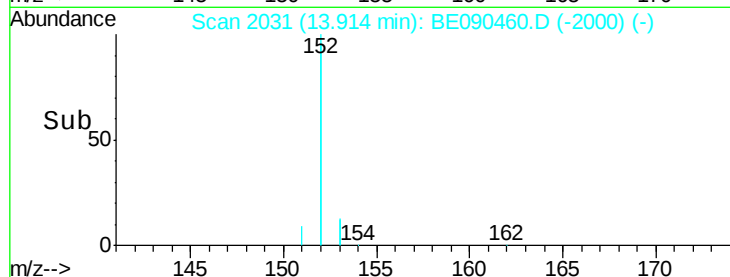
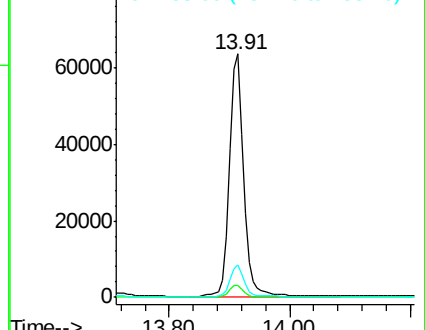
152 100

151 4.8 3.8 5.8

153 12.9 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: BE090460.D

Acq: 12 Aug 2015 10:37

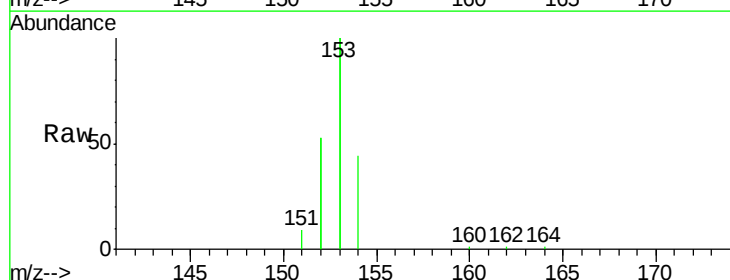
Tgt Ion:154 Resp: 15940

Ion Ratio Lower Upper

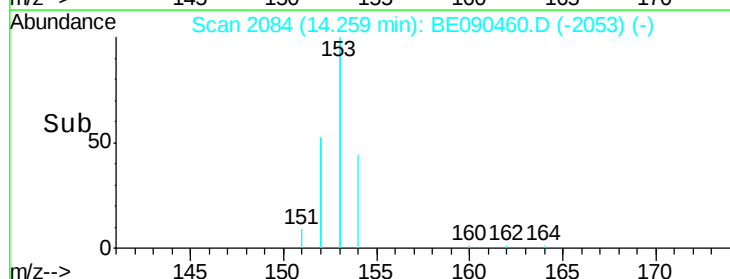
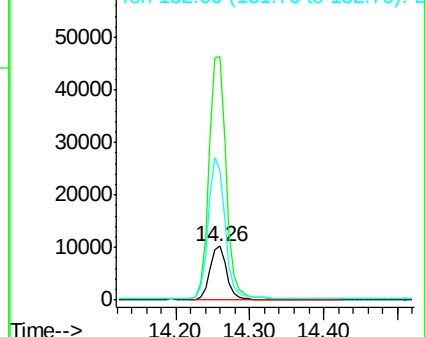
154 100

153 464.4 376.2 564.2

152 266.0 235.0 352.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.01 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

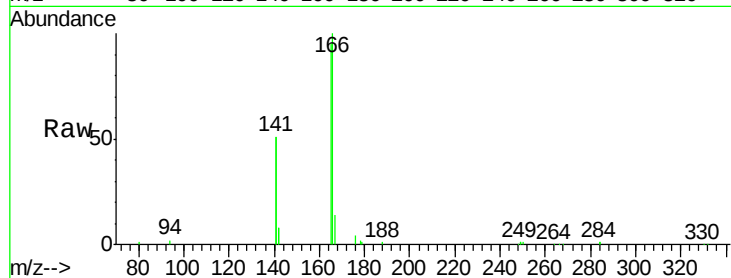
Tgt Ion:166 Resp: 20758

Ion Ratio Lower Upper

166 100

165 100.6 81.5 122.3

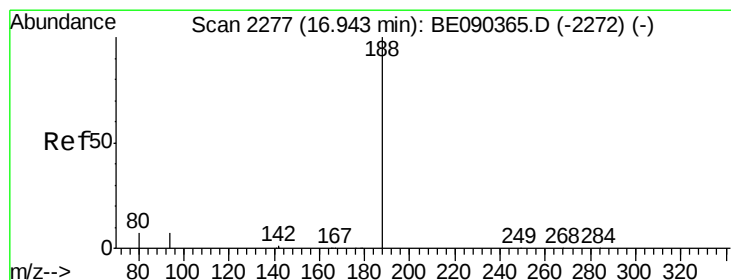
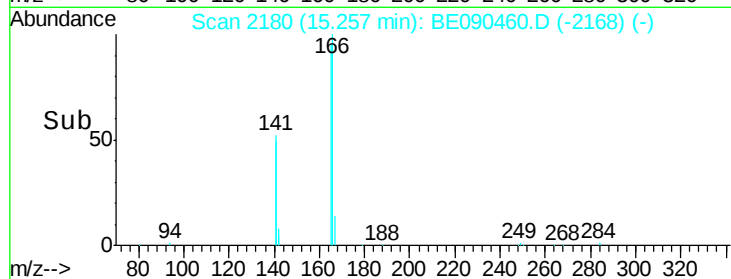
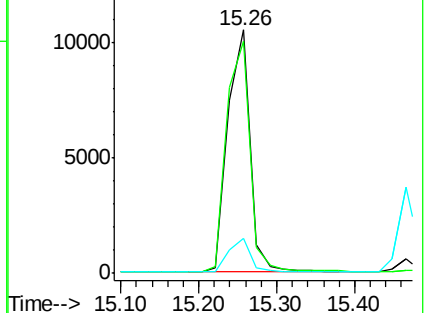
167 14.0 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

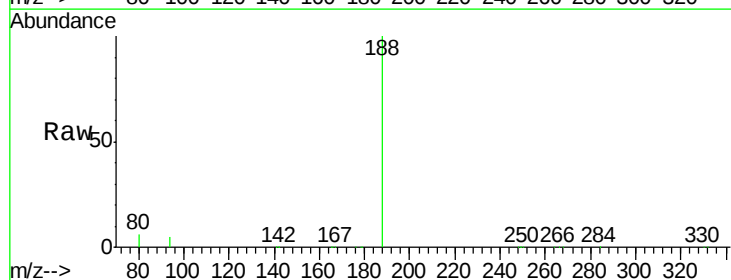
Tgt Ion:188 Resp: 147134

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

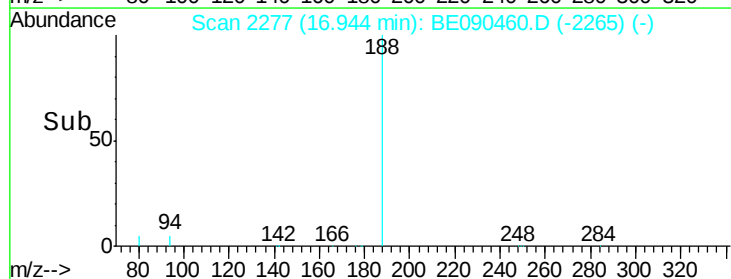
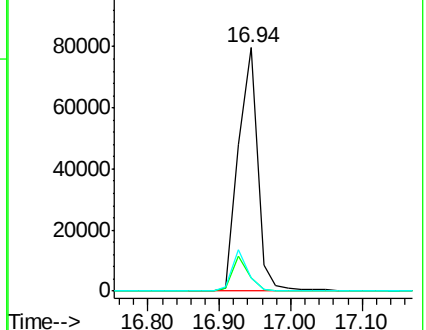
80 5.6 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

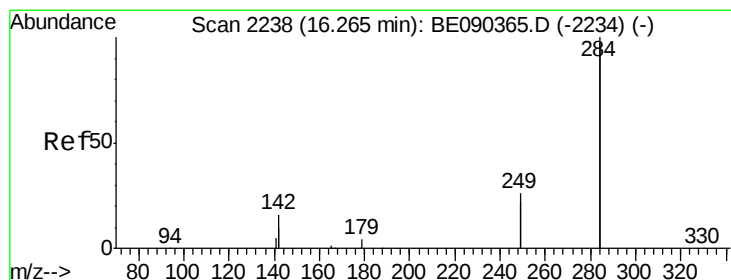
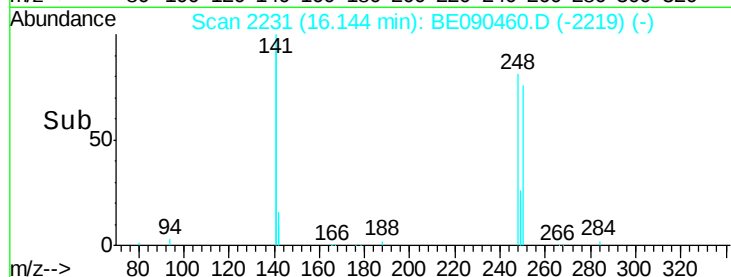
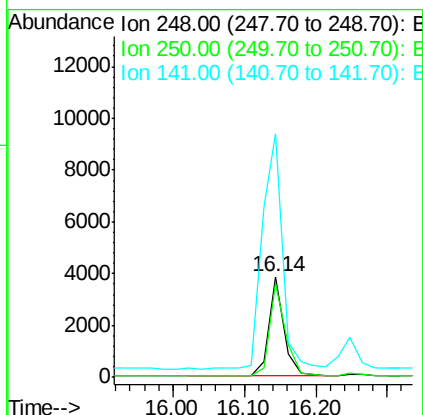
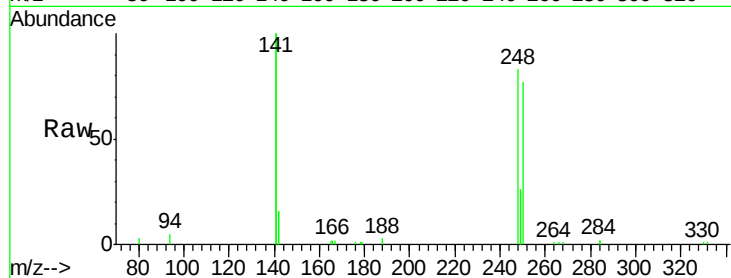




#19
4-Bromophenyl-phenylether
Concen: 1.00 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

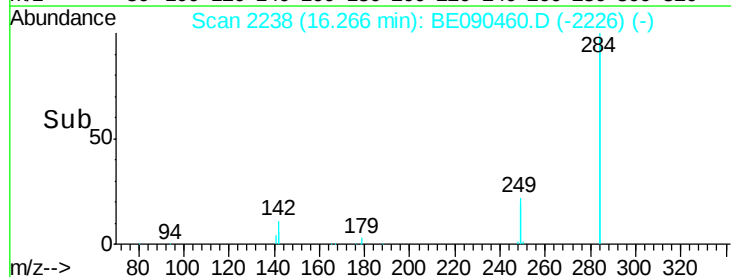
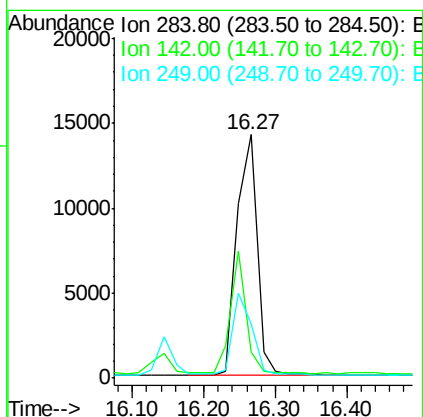
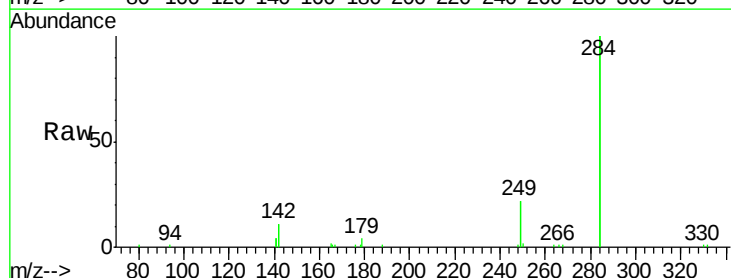
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5741
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.6
141 311.6 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.93 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090460.D
Acq: 12 Aug 2015 10:37

Tgt Ion:284 Resp: 27390
Ion Ratio Lower Upper
284 100
142 39.0 30.1 45.1
249 31.8 25.7 38.5

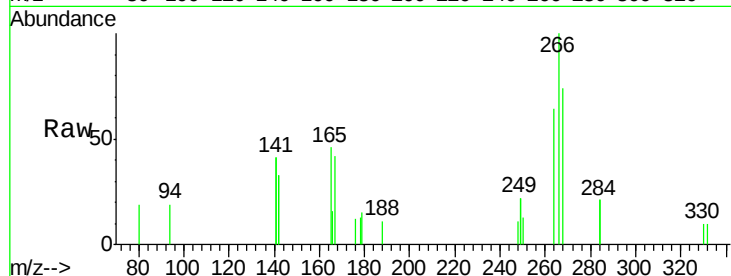




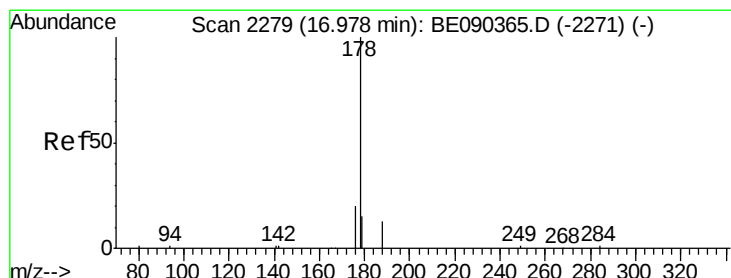
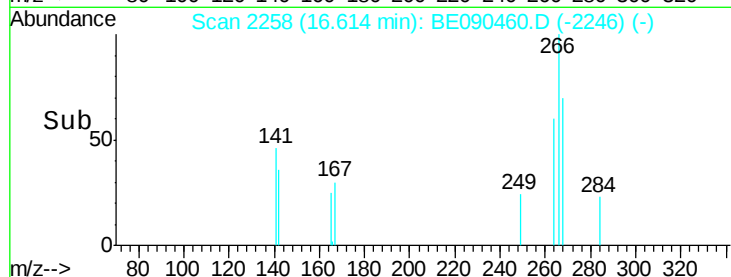
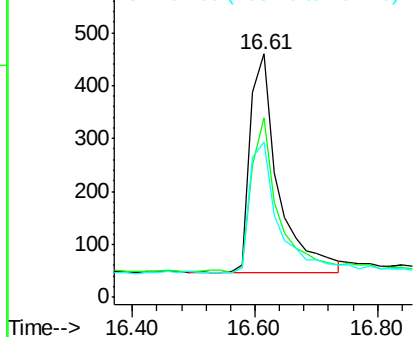
#21
 Pentachlorophenol
 Concen: 1.29 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 1322
 Ion Ratio Lower Upper
 266 100
 268 73.7 58.5 87.7
 264 63.9 56.0 84.0

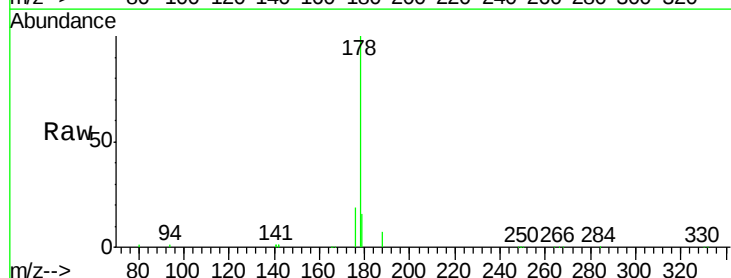


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

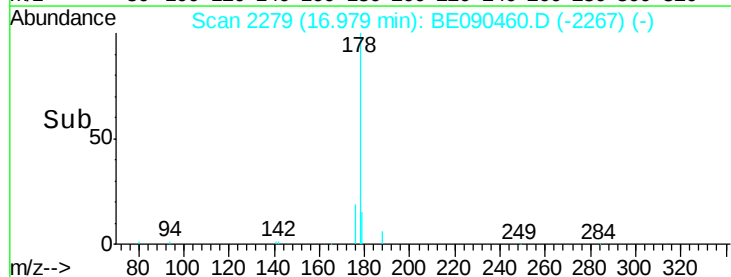
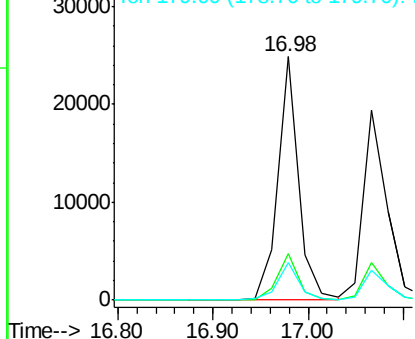


#22
 Phenanthrene
 Concen: 1.01 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Tgt Ion: 178 Resp: 37050
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 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: 1.10 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

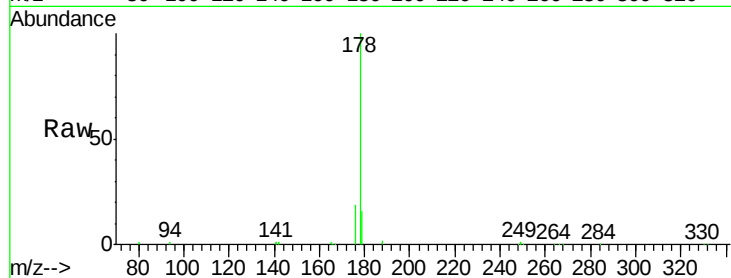
Tgt Ion:178 Resp: 33368

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

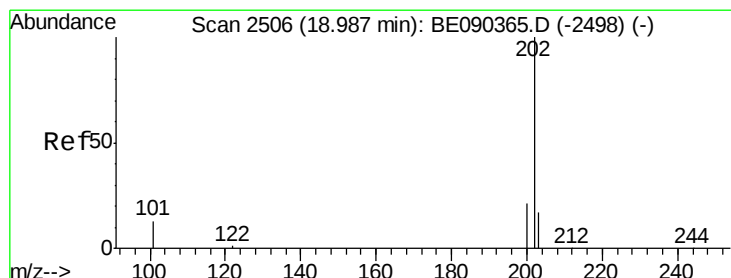
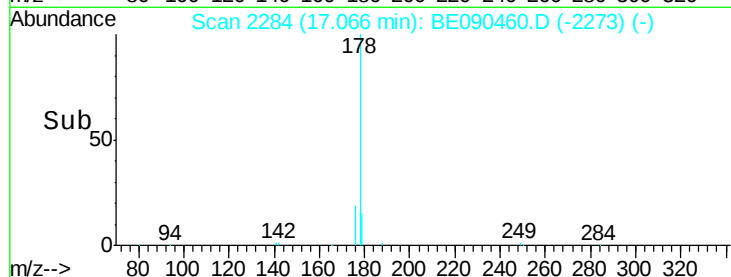
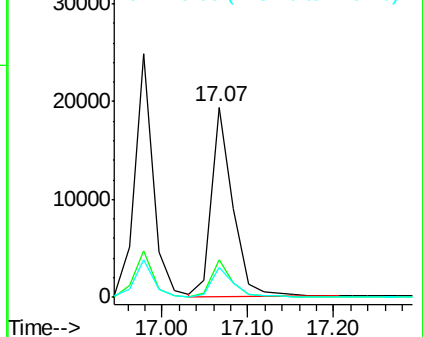
179 15.4 12.2 18.4



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: 1.06 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

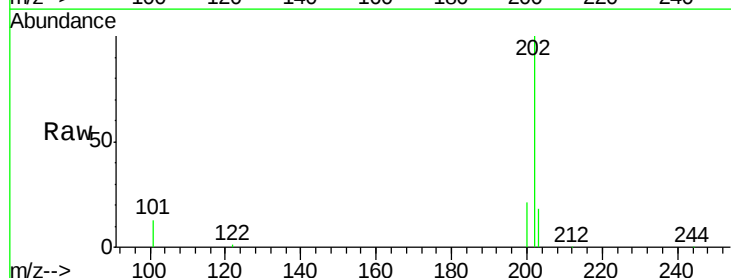
Tgt Ion:202 Resp: 38291

Ion Ratio Lower Upper

202 100

101 13.1 10.3 15.5

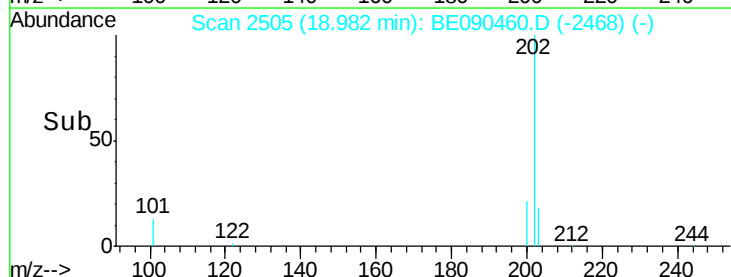
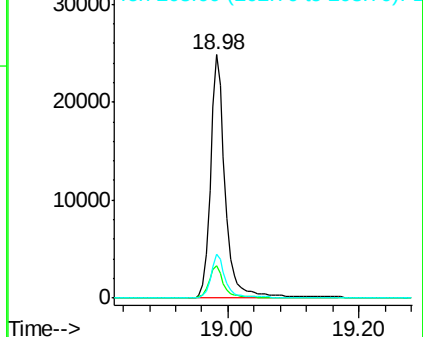
203 17.3 13.7 20.5



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: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

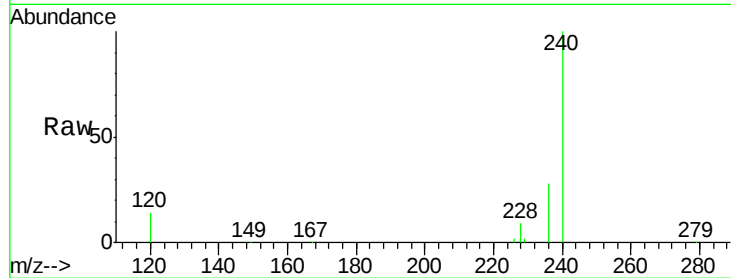
Tgt Ion:240 Resp: 167440

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

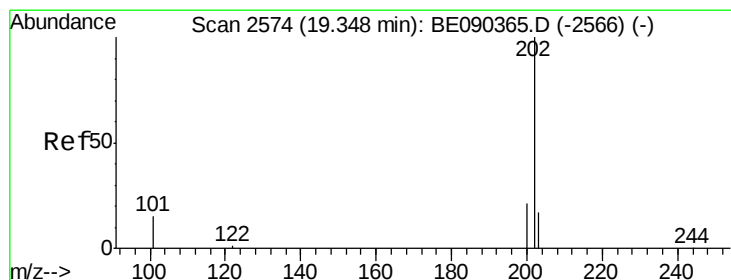
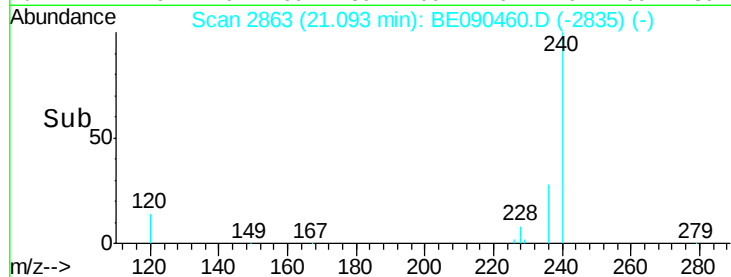
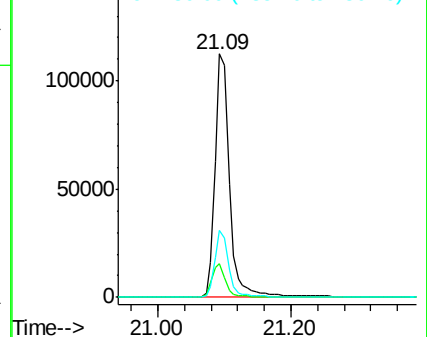
236 27.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.10 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

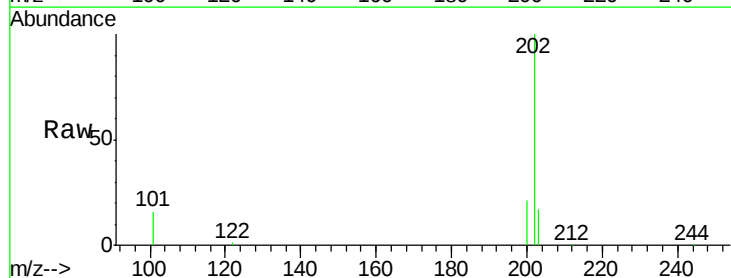
Tgt Ion:202 Resp: 40078

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

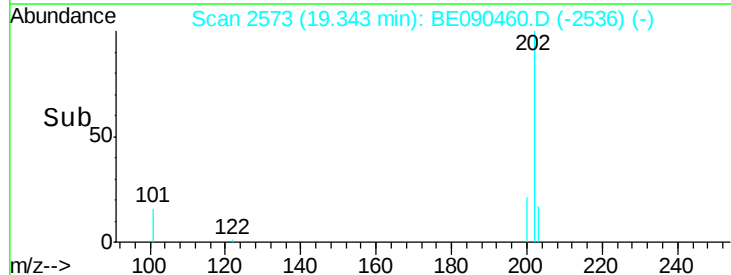
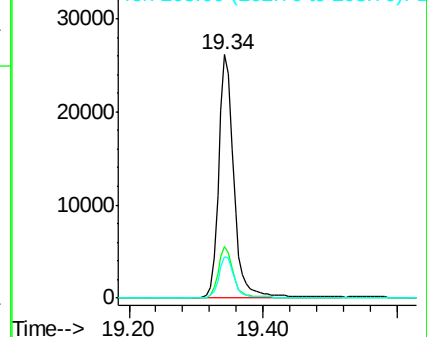
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

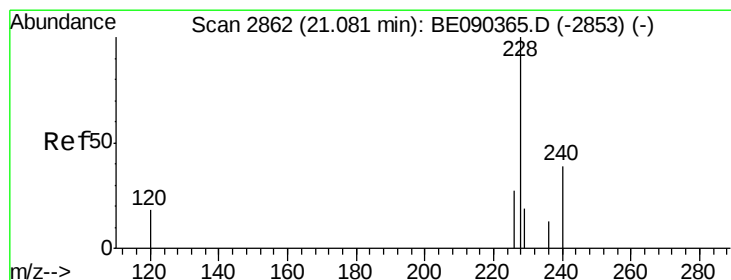
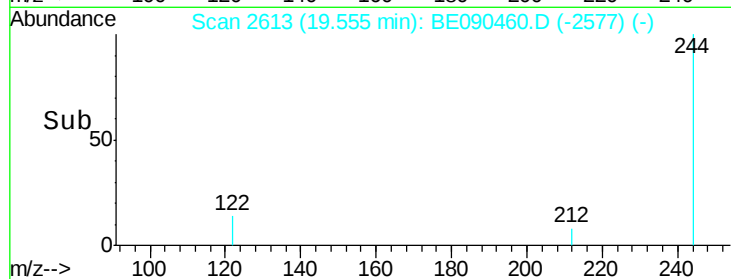
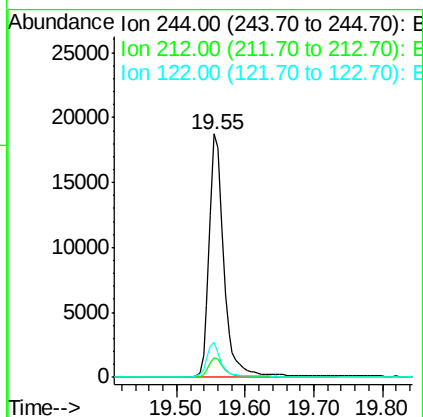
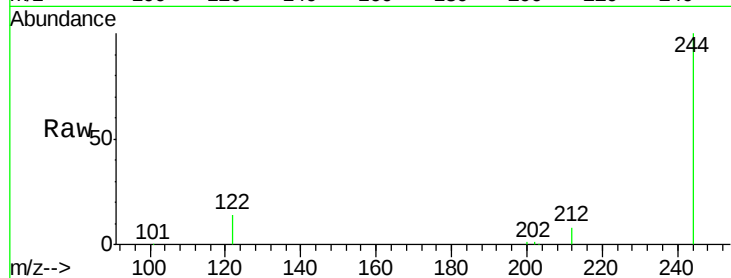




#27
 Terphenyl-d14
 Concen: 1.11 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

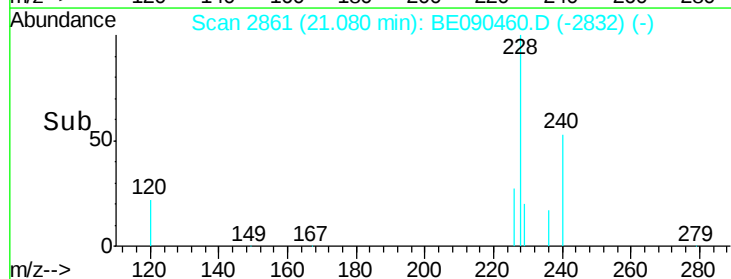
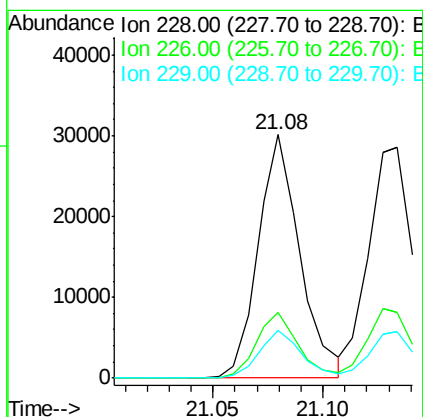
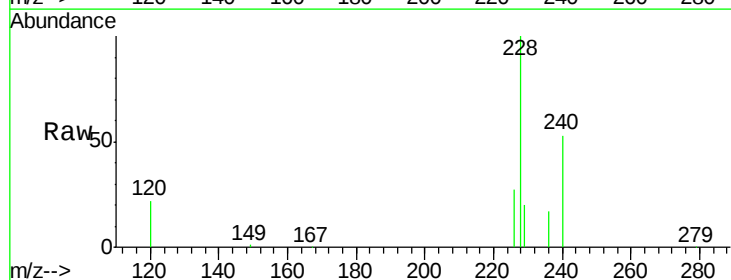
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

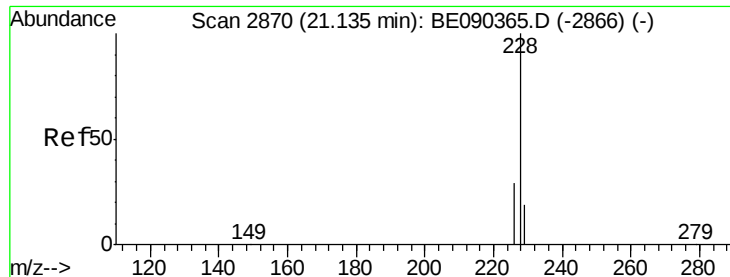
Tgt Ion: 244 Resp: 27356
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 14.2 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.07 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090460.D
 Acq: 12 Aug 2015 10:37

Tgt Ion: 228 Resp: 39796
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.9 32.9
 229 19.7 15.4 23.0





#29

Chrysene

Concen: 0.98 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

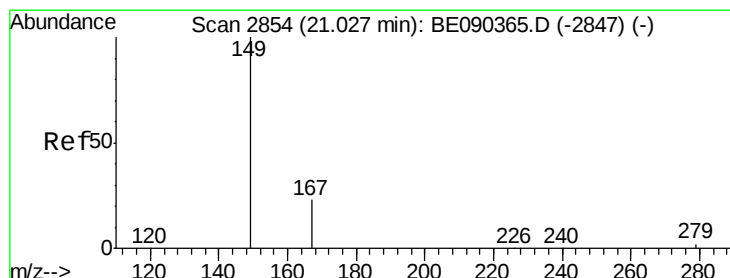
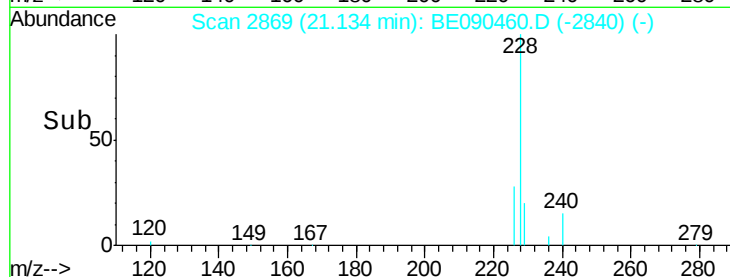
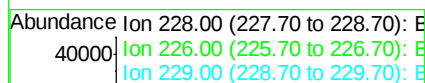
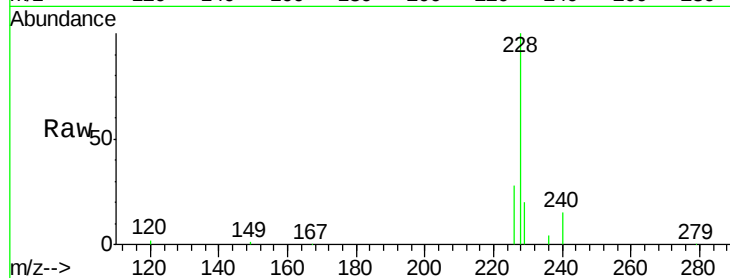
Tgt Ion:228 Resp: 44078

Ion Ratio Lower Upper

228 100

226 28.5 23.1 34.7

229 20.3 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.21 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

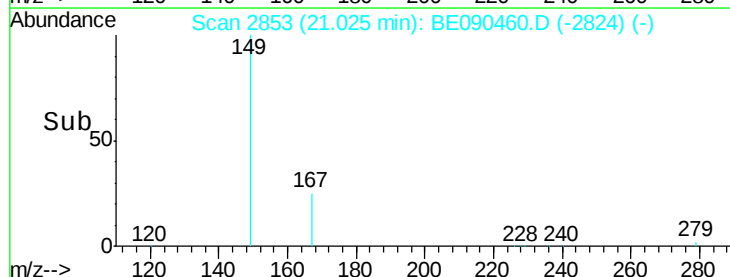
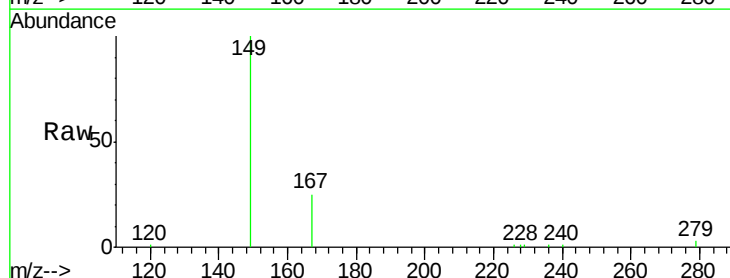
Tgt Ion:149 Resp: 10789

Ion Ratio Lower Upper

149 100

167 25.2 19.8 29.8

279 3.2 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.05 ng

RT: 25.78 min Scan# 3826

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

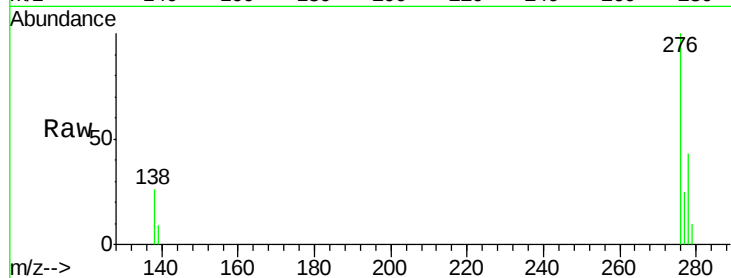
Tgt Ion:276 Resp: 34013

Ion Ratio Lower Upper

276 100

138 26.2 18.8 28.2

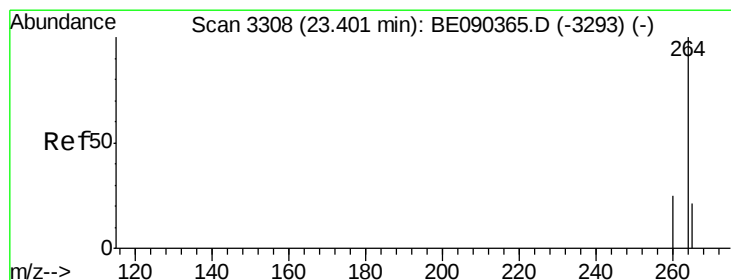
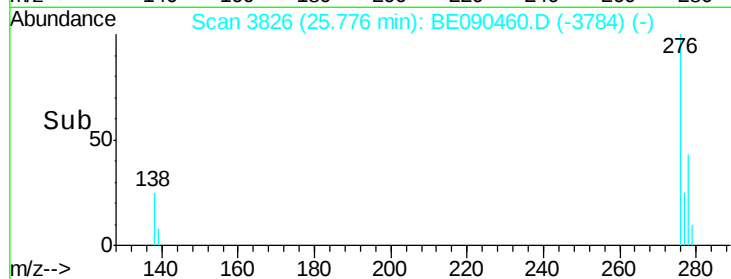
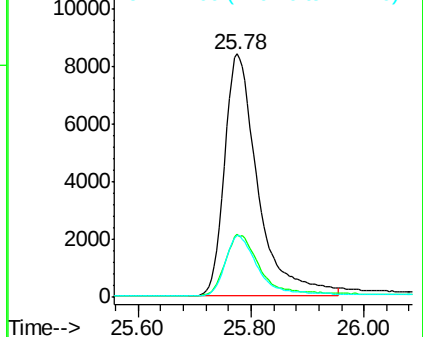
277 24.4 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

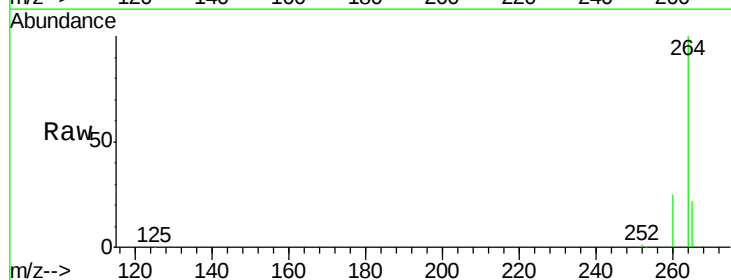
Tgt Ion:264 Resp: 149781

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

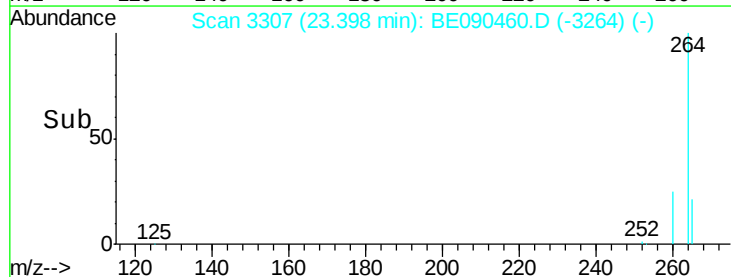
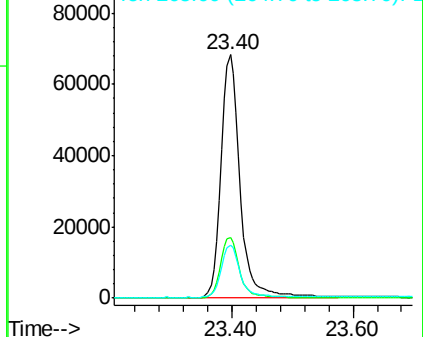
265 21.6 17.2 25.8

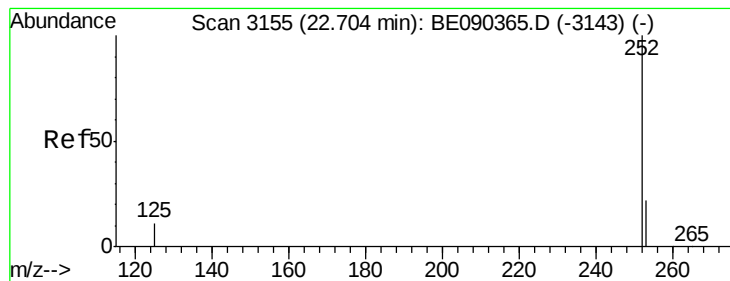


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.08 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

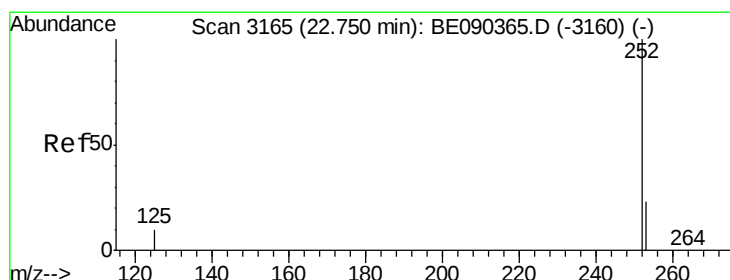
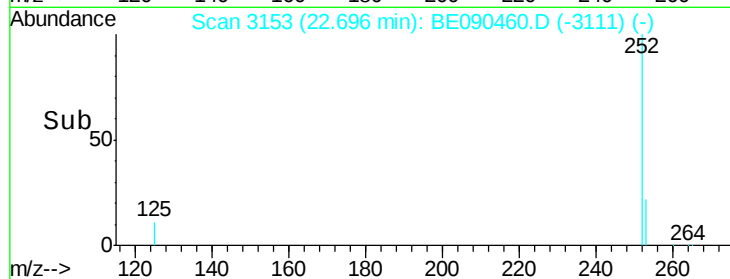
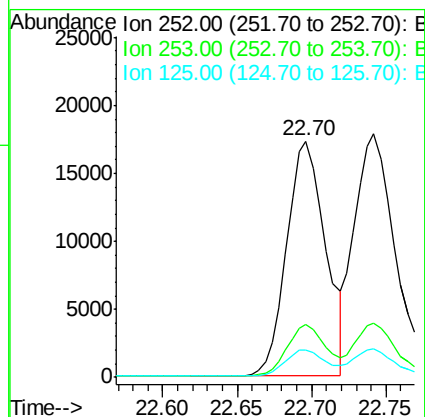
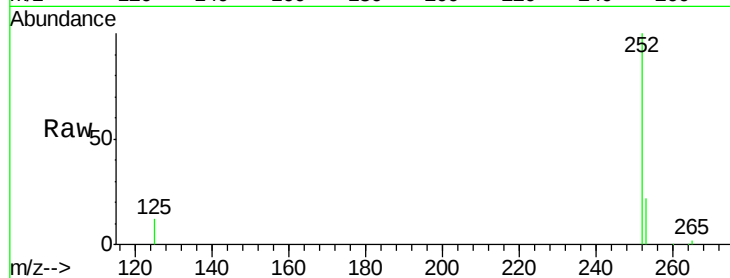
Tgt Ion:252 Resp: 31356

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 11.5 9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 0.90 ng

RT: 22.74 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

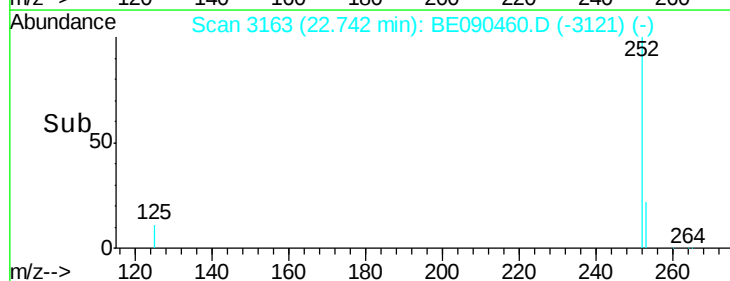
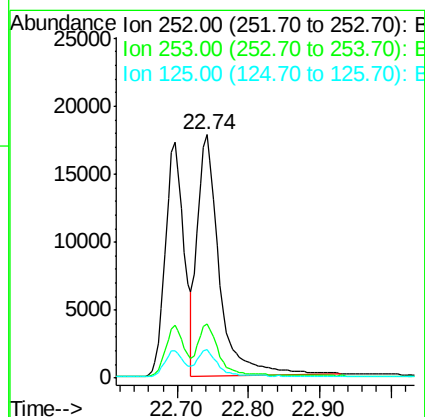
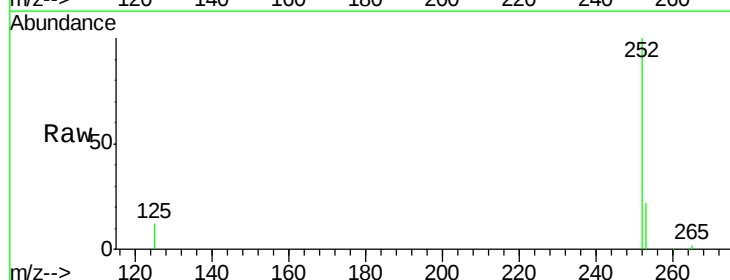
Tgt Ion:252 Resp: 37388

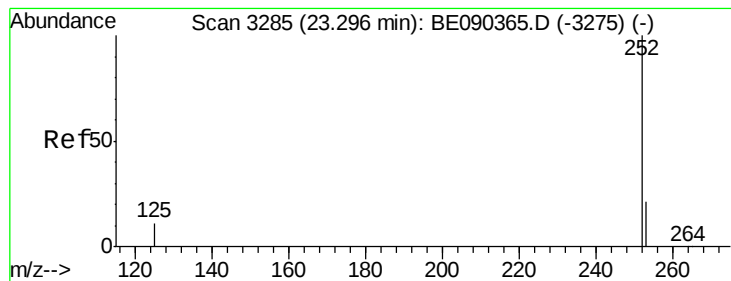
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 11.7 9.1 13.7





#35

Benzo(a)pyrene

Concen: 1.05 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

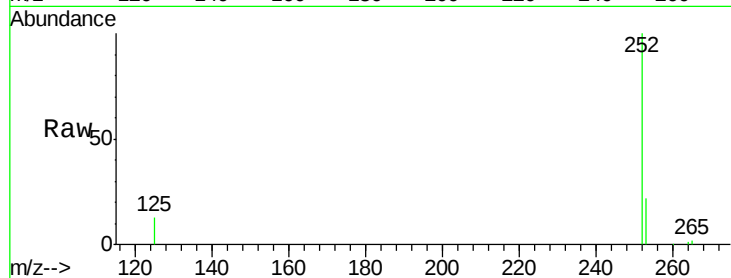
Tgt Ion: 252 Resp: 27702

Ion Ratio Lower Upper

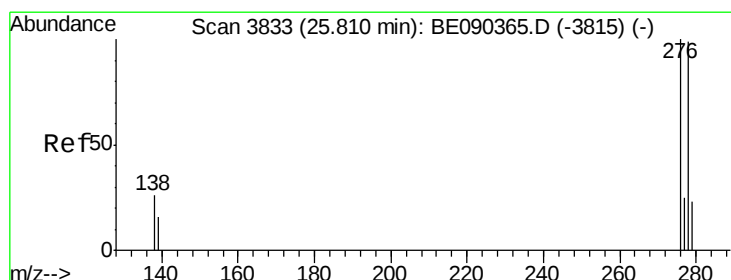
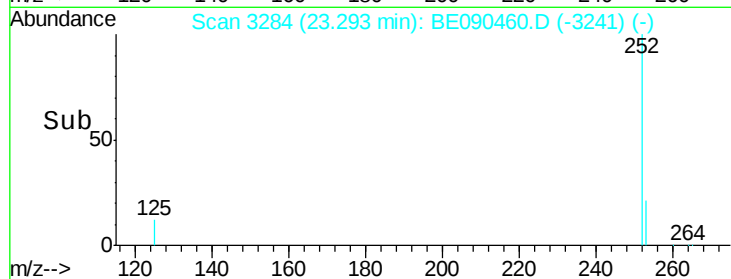
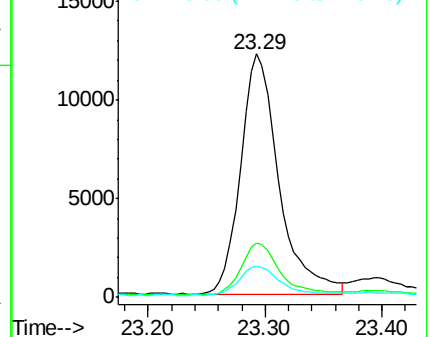
252 100

253 22.1 17.6 26.4

125 12.9 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: 1.07 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090460.D

Acq: 12 Aug 2015 10:37

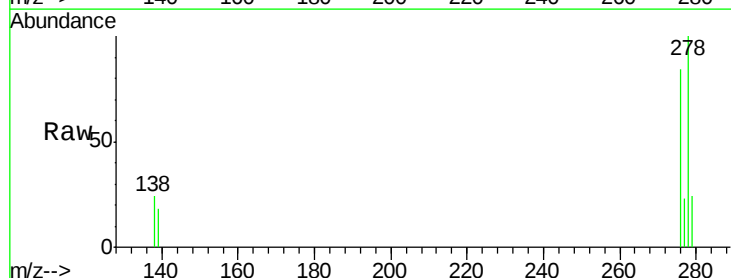
Tgt Ion: 278 Resp: 25979

Ion Ratio Lower Upper

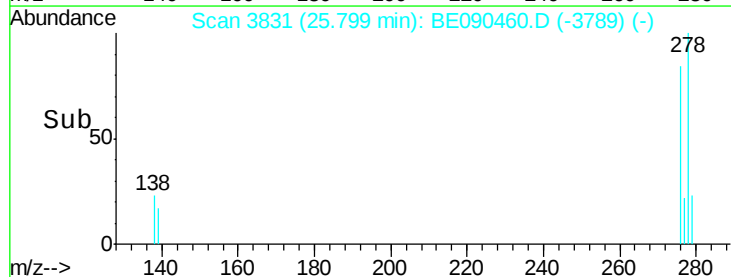
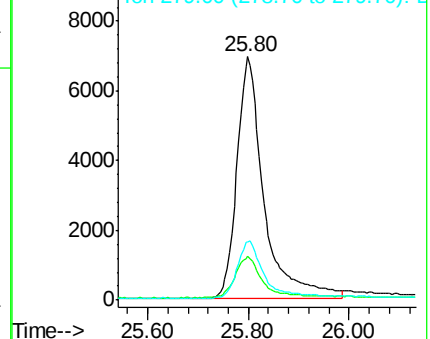
278 100

139 17.8 14.2 21.4

279 23.9 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(g,h,i)perylene

Concen: 1.05 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090460.D

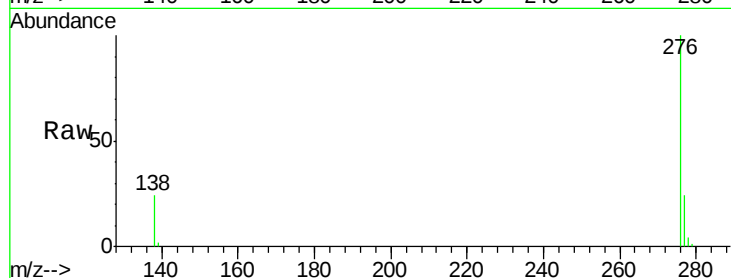
Acq: 12 Aug 2015 10:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



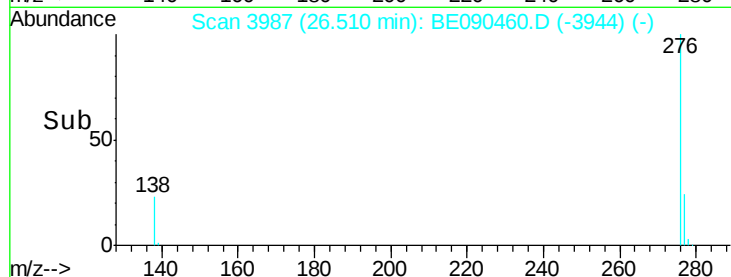
Tgt Ion: 276 Resp: 29072

Ion Ratio Lower Upper

276 100

277 24.3 20.1 30.1

138 23.6 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

