

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\
 Data File : BE090378.D
 Acq On : 6 Aug 2015 6:08
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Aug 06 08:30:41 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 02:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	20267	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	89646	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	49696	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	115390	5.00	ng	0.00
25) Chrysene-d12	21.10	240	139861	5.00	ng	0.00
32) Perylene-d12	23.40	264	121181	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3122	1.06	ng	0.00
5) Phenol-d6	6.77	99	4844	0.96	ng	0.00
7) Nitrobenzene-d5	8.73	82	5669	0.95	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	838	1.02	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	14388	1.05	ng	0.00
27) Terphenyl-d14	19.56	244	21118	1.02	ng	0.00

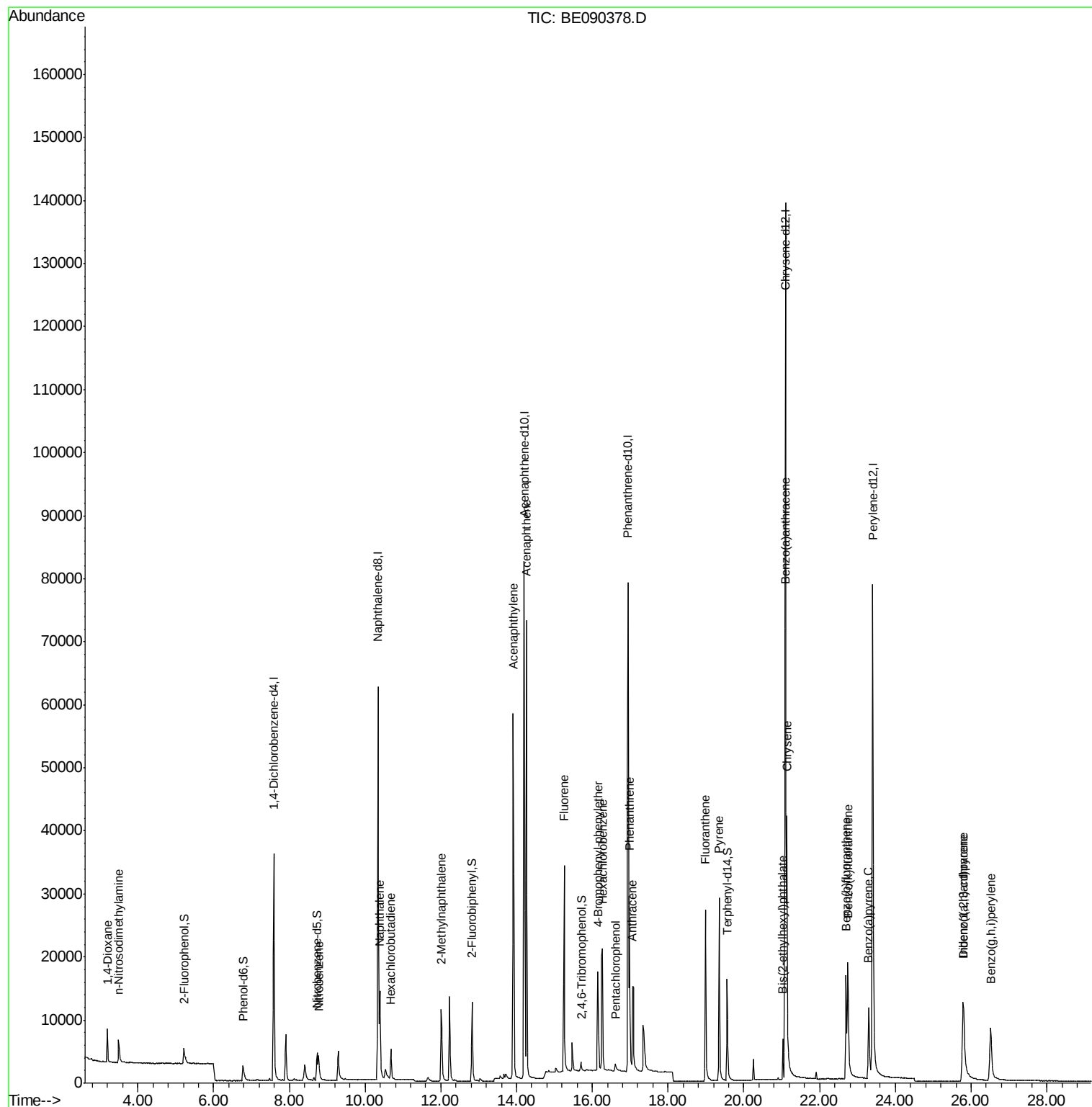
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	2912	1.11	ng	96
3) n-Nitrosodimethylamine	3.49	42	3137	1.00	ng	# 96
8) Nitrobenzene	8.78	77	5646	0.90	ng	100
9) Naphthalene	10.39	128	19830	1.00	ng	98
10) Hexachlorobutadiene	10.69	225	3489	1.11	ng	100
11) 2-Methylnaphthalene	12.01	142	11706	1.02	ng	97
15) Acenaphthylene	13.91	152	82512	1.03	ng	100
16) Acenaphthene	14.26	154	12600	1.01	ng	96
17) Fluorene	15.26	166	16653	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	4707	1.05	ng	96
20) Hexachlorobenzene	16.27	284	23713	1.02	ng	100
21) Pentachlorophenol	16.61	266	1025	1.28	ng	97
22) Phenanthrene	16.98	178	29495	1.02	ng	99
23) Anthracene	17.07	178	24049	1.01	ng	99
24) Fluoranthene	18.99	202	29408	1.03	ng	100
26) Pyrene	19.35	202	30816	1.02	ng	100
28) Benzo(a)anthracene	21.08	228	30759	0.99	ng	99
29) Chrysene	21.13	228	36380	0.97	ng	99
30) Bis(2-ethylhexyl)phthalate	21.03	149	6270	0.90	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	23767	0.92	ng	98
33) Benzo(b)fluoranthene	22.70	252	23774	1.03	ng	98
34) Benzo(k)fluoranthene	22.75	252	32502	0.98	ng	99
35) Benzo(a)pyrene	23.30	252	20617	0.99	ng	98
36) Dibenzo(a,h)anthracene	25.81	278	17891	0.95	ng	98
37) Benzo(g,h,i)perylene	26.52	276	22421	1.01	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.59 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

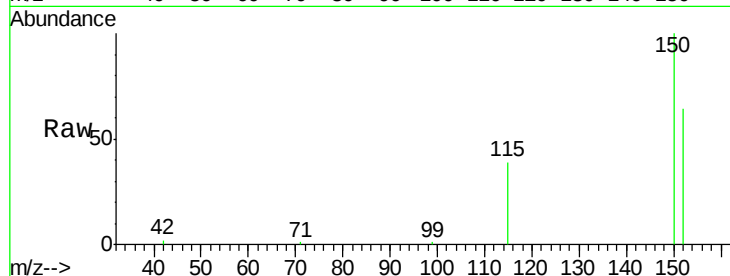
Tot Ion:152 Resp: 20267

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

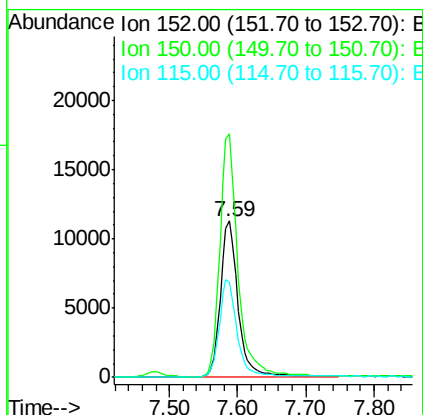
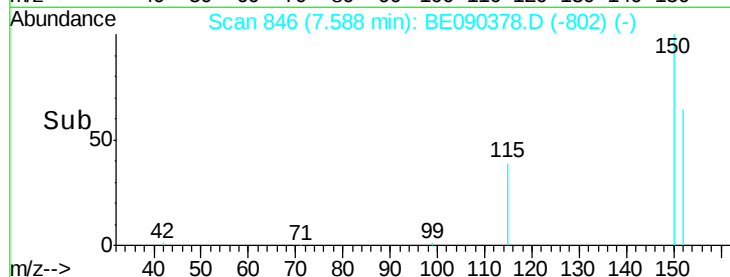
115 60.9 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.11 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

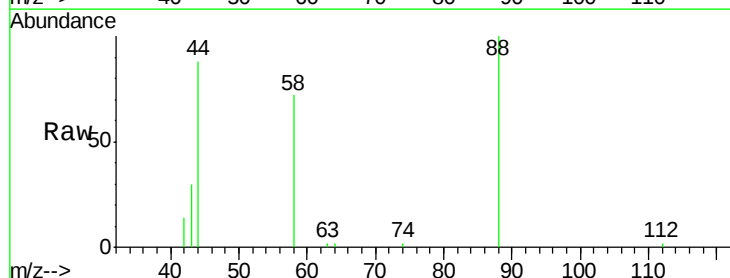
Tgt Ion: 88 Resp: 2912

Ion Ratio Lower Upper

88 100

58 84.8 70.0 105.0

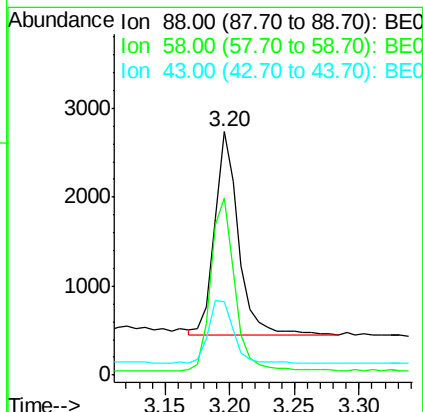
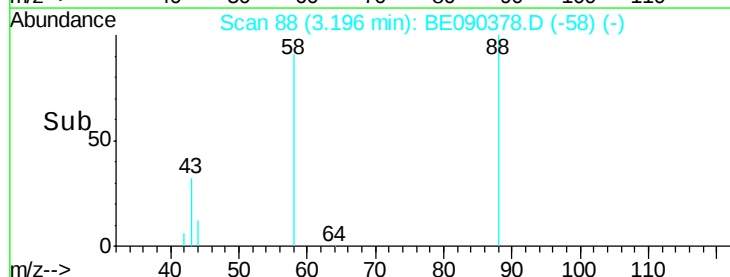
43 32.5 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



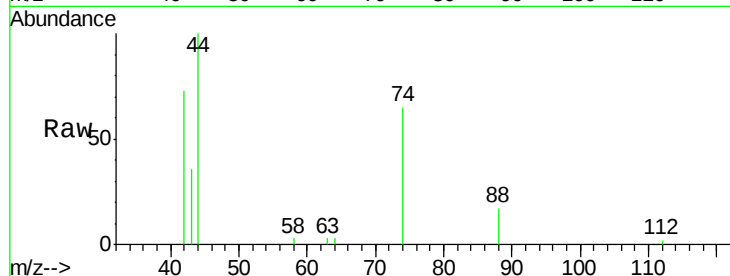


#3

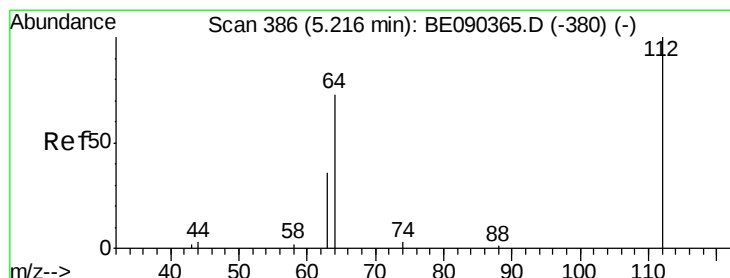
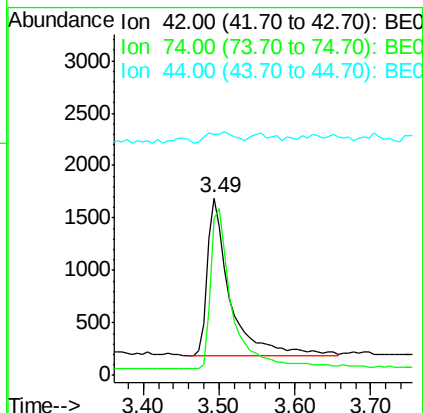
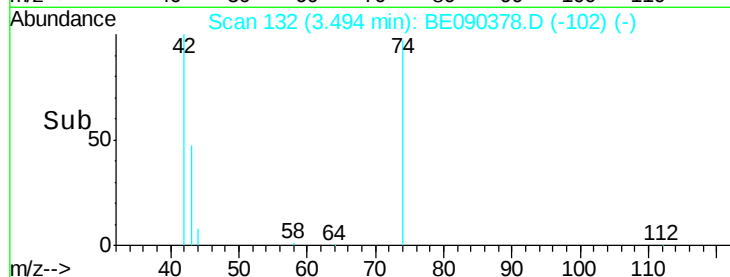
n-Nitrosodimethylamine
 Concen: 1.00 ng
 RT: 3.49 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion: 42 Resp: 3137
 Ion Ratio Lower Upper
 42 100
 74 96.0 75.2 112.8
 44 4.2 8.7 13.1#



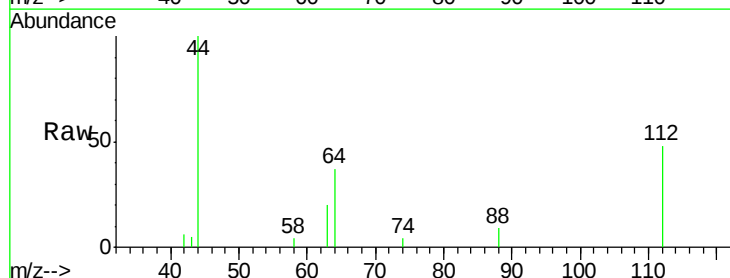
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



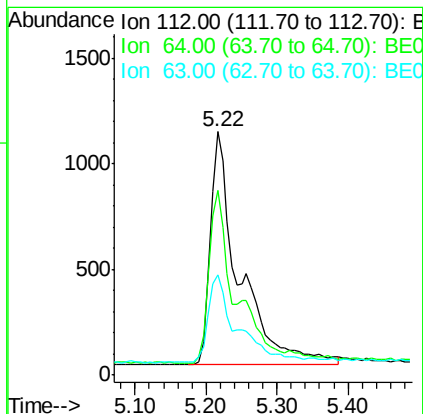
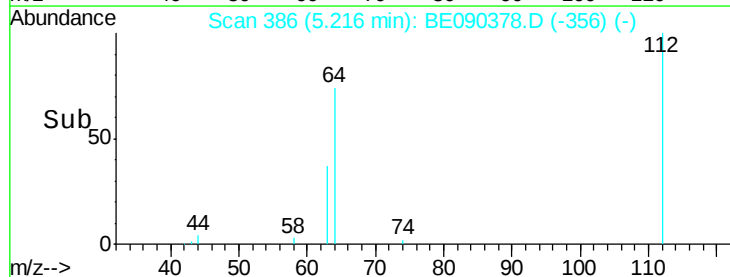
#4

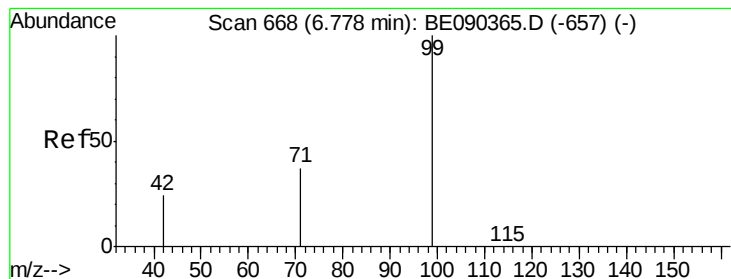
2-Fluorophenol
 Concen: 1.06 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

Tgt Ion: 112 Resp: 3122
 Ion Ratio Lower Upper
 112 100
 64 47.9 37.1 55.7
 63 37.0 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: 0.96 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

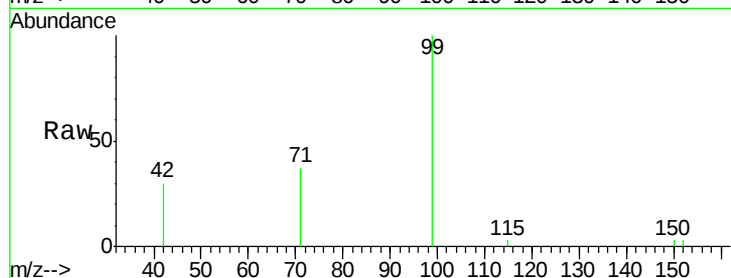
Tot Ion: 99 Resp: 4844

Ion Ratio Lower Upper

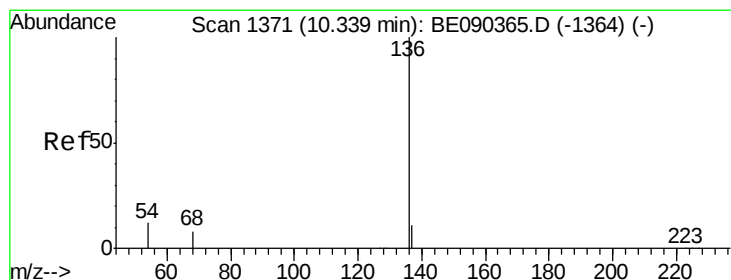
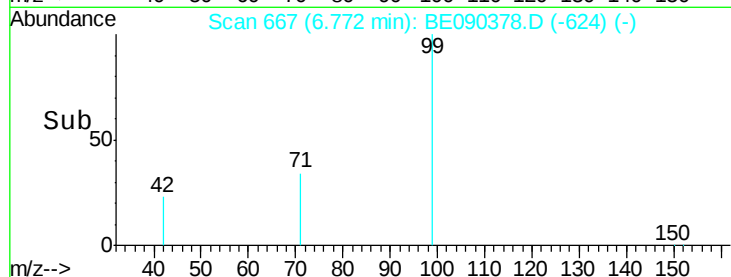
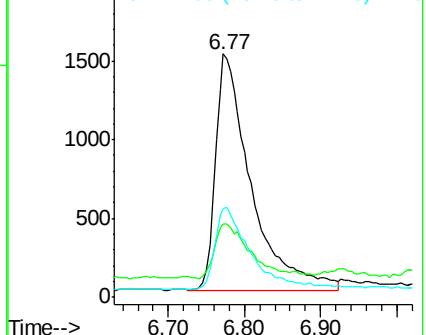
99 100

42 24.5 18.2 27.4

71 35.4 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: BE090378.D

Acq: 6 Aug 2015 6:08

Tgt Ion: 136 Resp: 89646

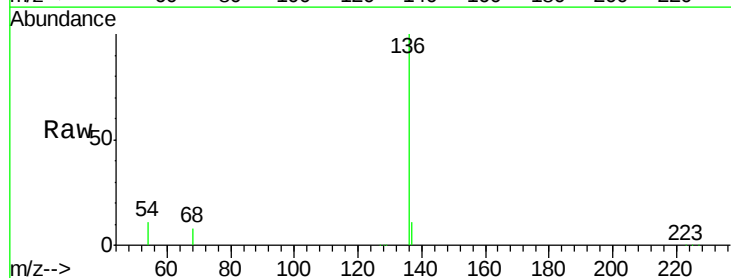
Ion Ratio Lower Upper

136 100

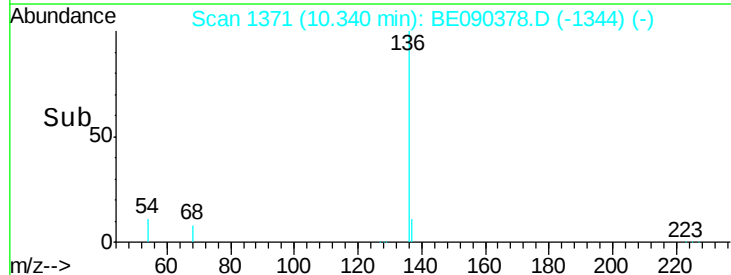
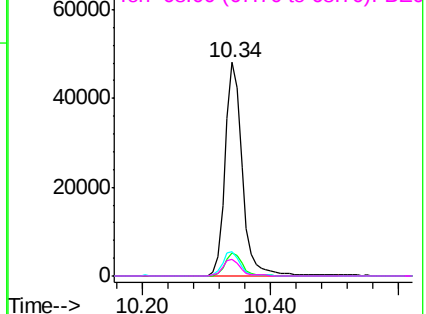
137 10.8 8.7 13.1

54 11.2 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: 0.95 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

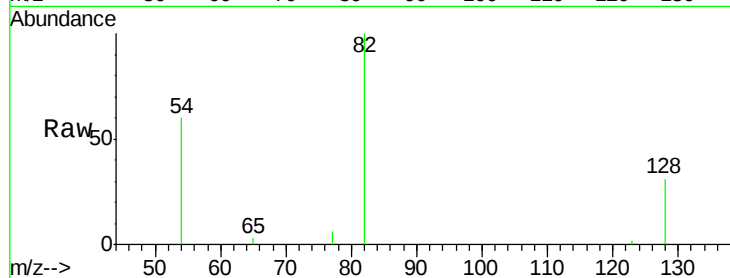
Tot Ion: 82 Resp: 5669

Ion Ratio Lower Upper

82 100

128 31.0 25.0 37.6

54 60.3 48.8 73.2

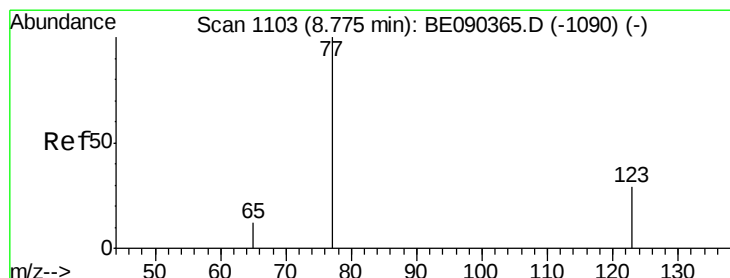
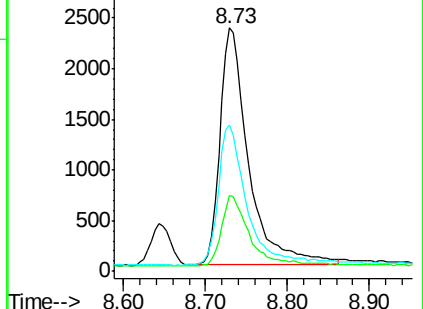
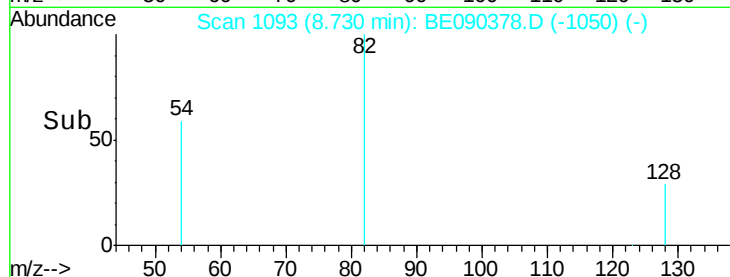


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#8

Nitrobenzene

Concen: 0.90 ng

RT: 8.78 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

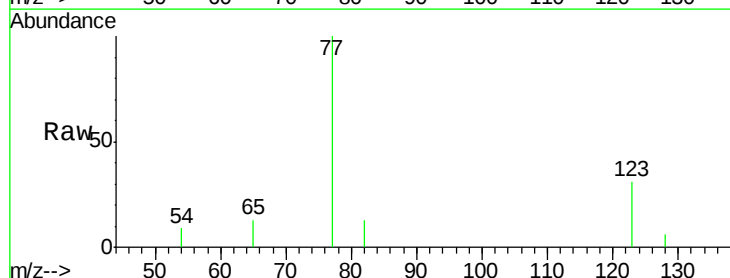
Tgt Ion: 77 Resp: 5646

Ion Ratio Lower Upper

77 100

123 31.1 25.1 37.7

65 11.7 9.3 13.9

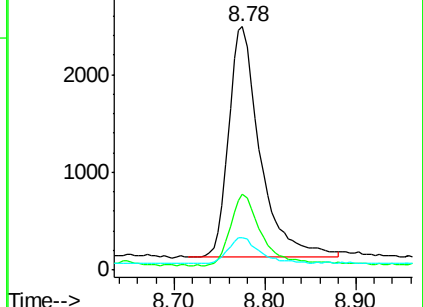
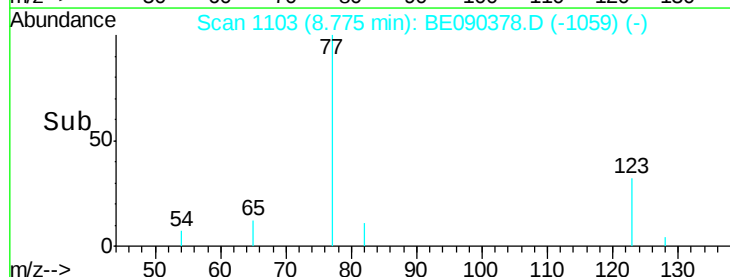


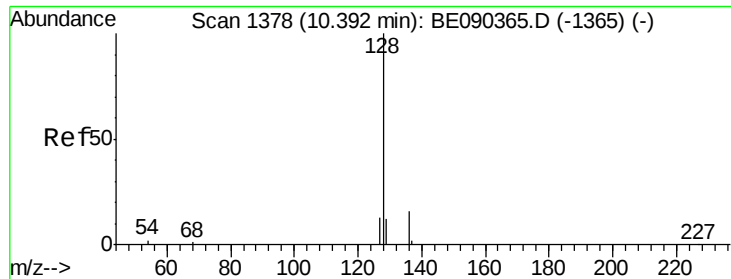
Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Time-->





#9

Naphthalene

Concen: 1.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

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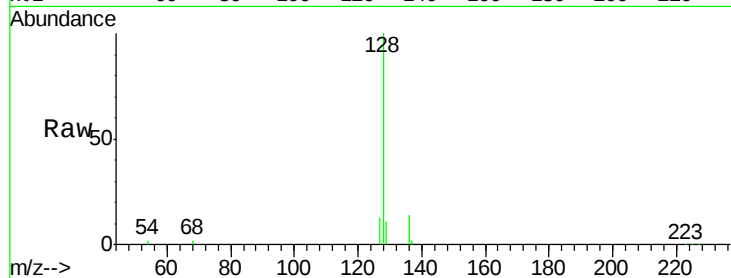
Tot Ion:128 Resp: 19830

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.6

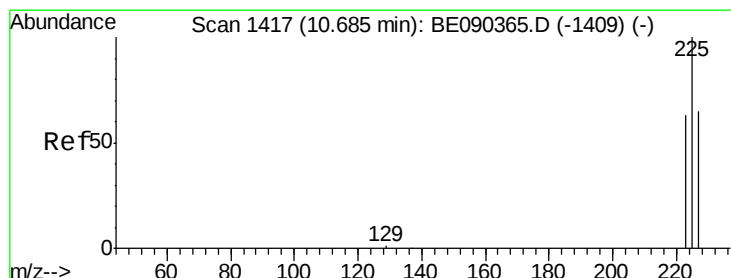
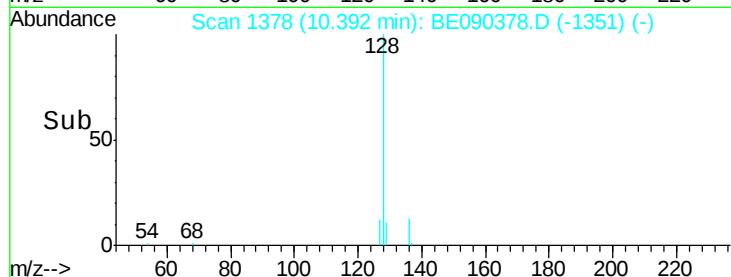
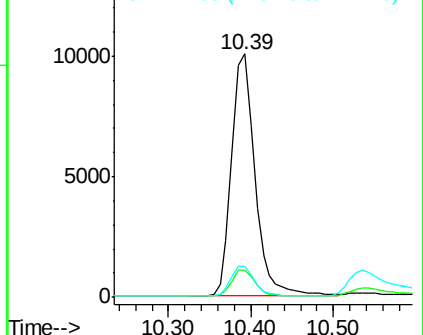
127 12.7 10.6 16.0



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: 1.11 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

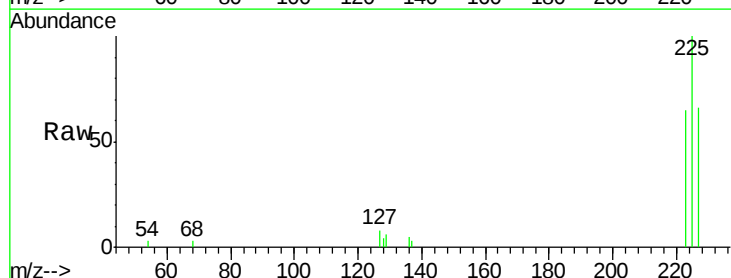
Tgt Ion:225 Resp: 3489

Ion Ratio Lower Upper

225 100

223 62.9 50.6 75.8

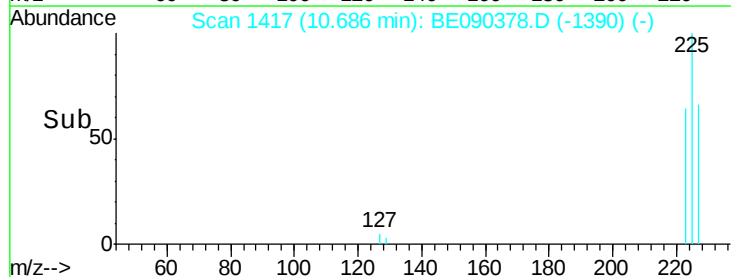
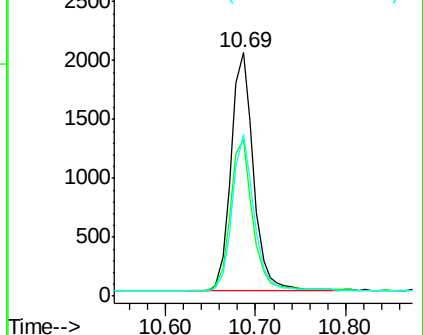
227 63.7 50.7 76.1



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

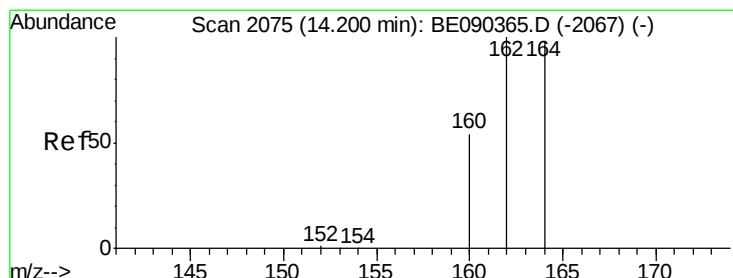
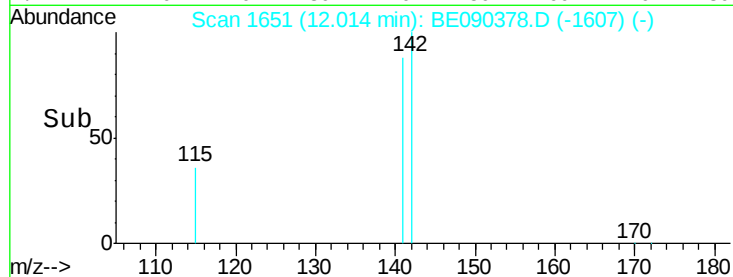
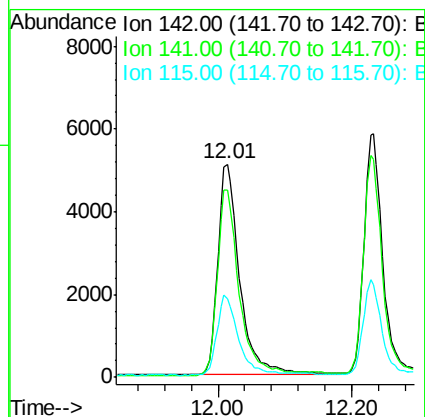
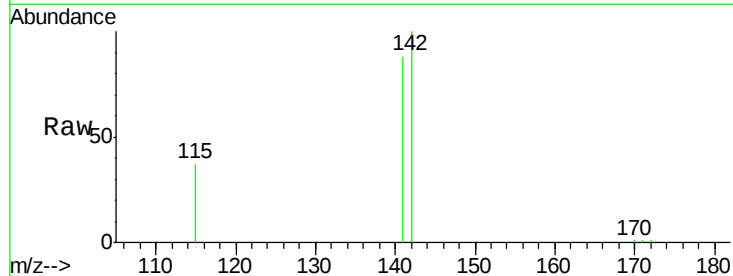




#11
2-Methylnaphthalene
Concen: 1.02 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BE090378.D
Acq: 6 Aug 2015 6:08

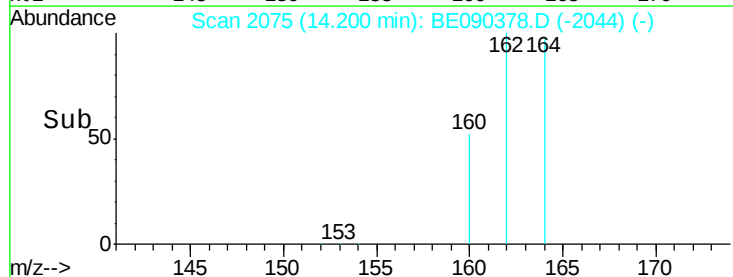
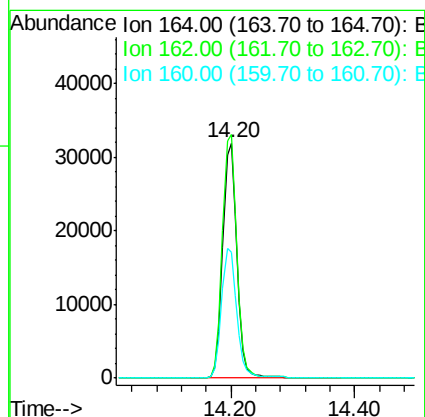
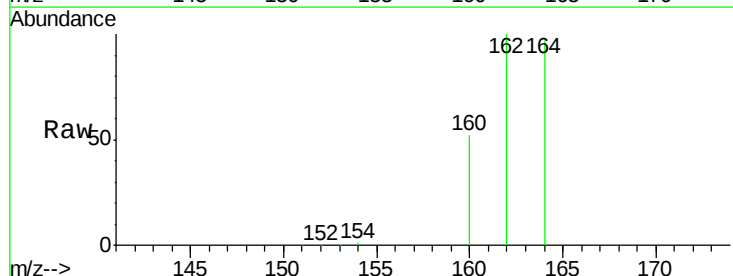
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:142 Resp: 11706
Ion Ratio Lower Upper
142 100
141 87.9 72.6 109.0
115 36.8 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090378.D
Acq: 6 Aug 2015 6:08

Tgt Ion:164 Resp: 49696
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.8
160 53.4 44.2 66.4

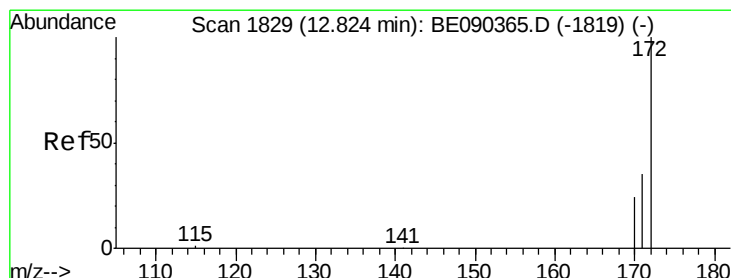
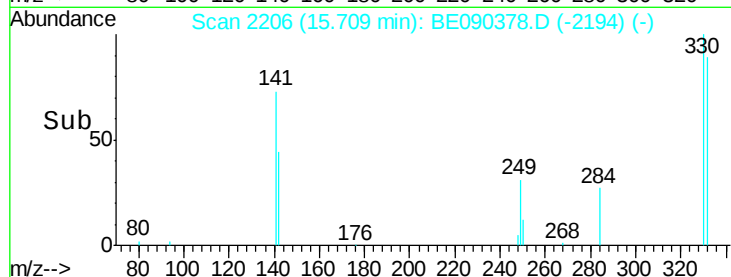
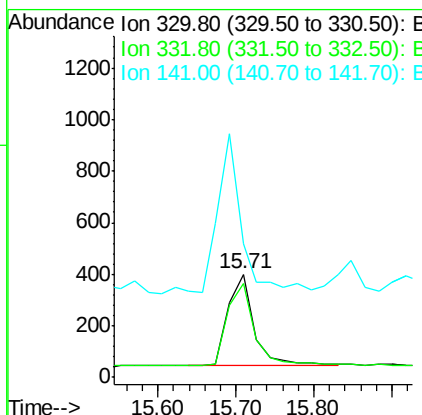
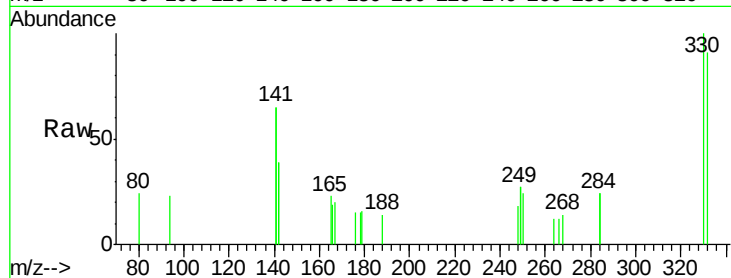




#13
 2,4,6-Tribromophenol
 Concen: 1.02 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

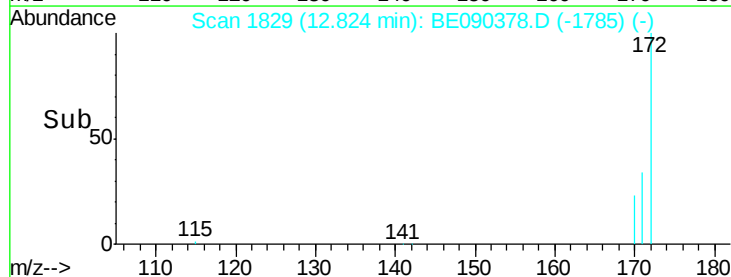
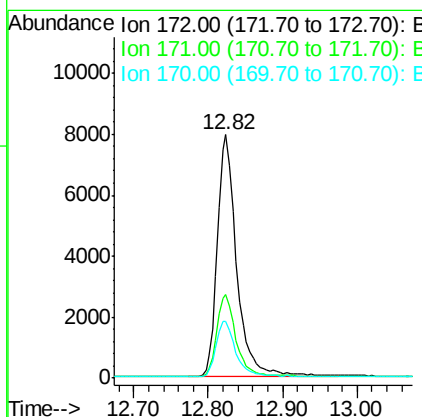
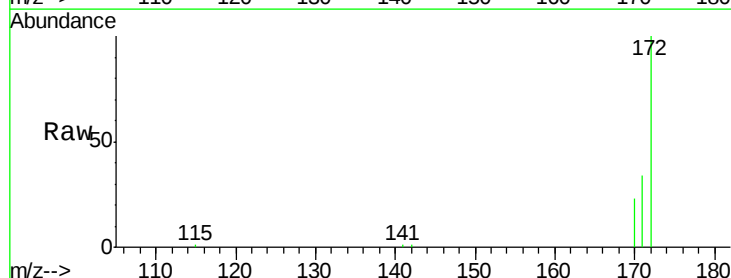
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

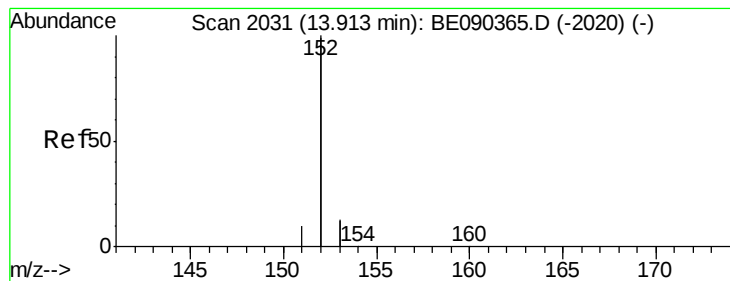
Tot Ion:330 Resp: 838
 Ion Ratio Lower Upper
 330 100
 332 91.5 75.8 113.6
 141 157.9 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 1.05 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

Tgt Ion:172 Resp: 14388
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.4 19.8 29.8





#15

Acenaphthylene

Concen: 1.03 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:152 Resp: 82512

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

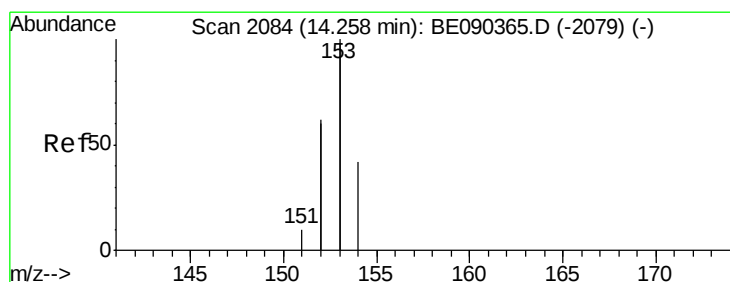
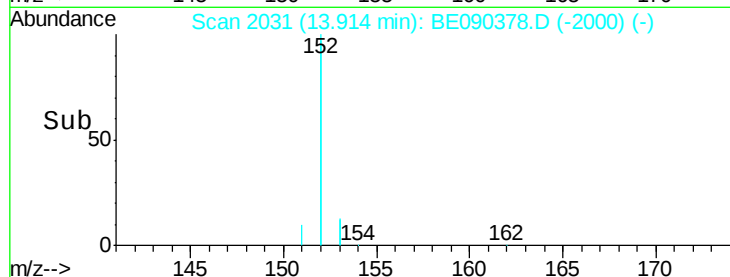
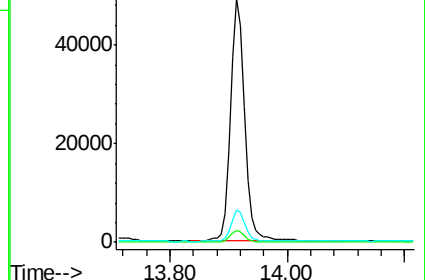
153 12.7 10.3 15.5



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: BE090378.D

Acq: 6 Aug 2015 6:08

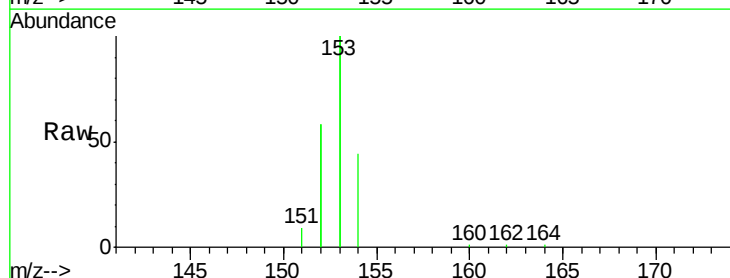
Tgt Ion:154 Resp: 12600

Ion Ratio Lower Upper

154 100

153 466.6 376.2 564.2

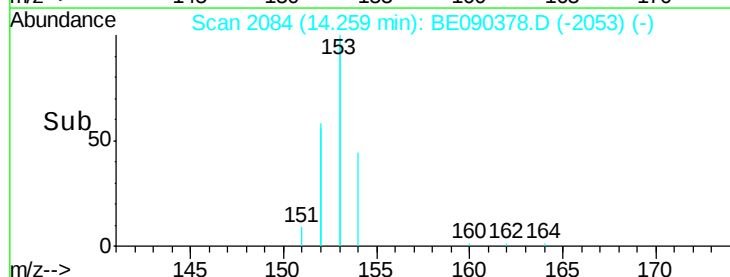
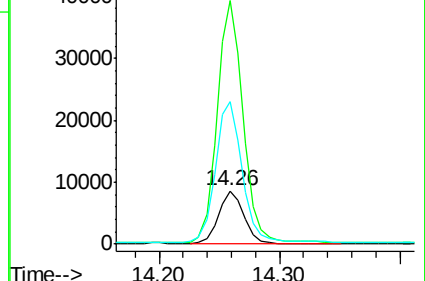
152 279.7 235.0 352.4



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: 1.02 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

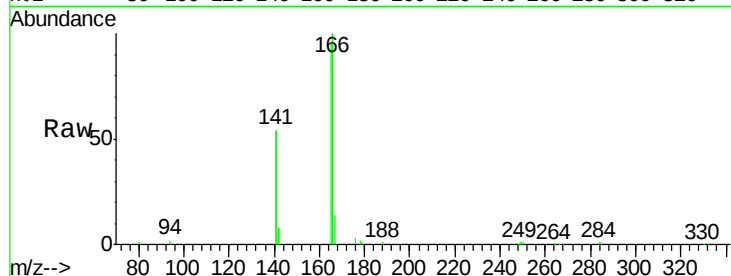
Tot Ion:166 Resp: 16653

Ion Ratio Lower Upper

166 100

165 99.1 81.5 122.3

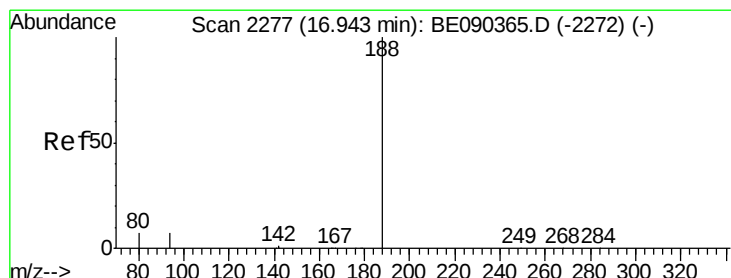
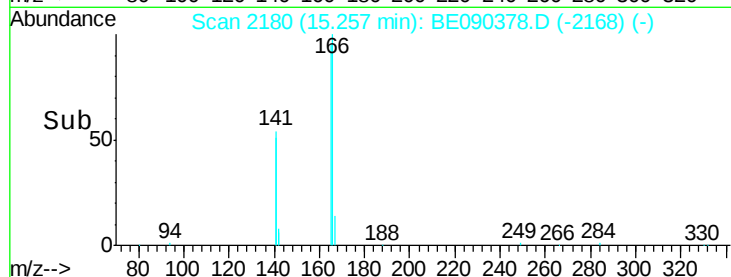
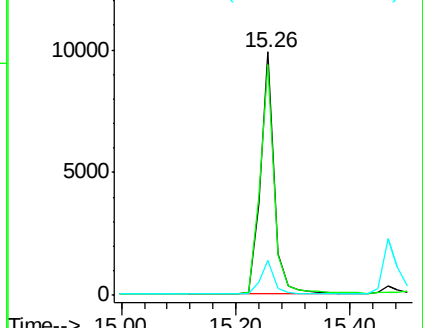
167 14.1 11.4 17.0



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: BE090378.D

Acq: 6 Aug 2015 6:08

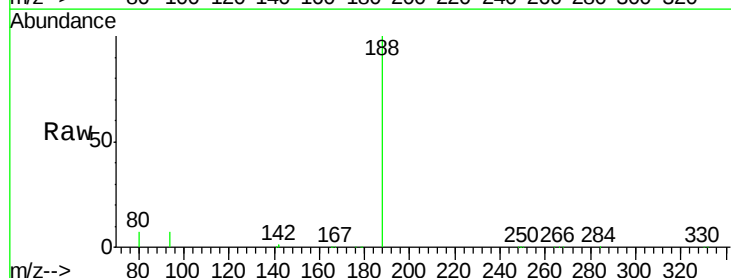
Tgt Ion:188 Resp: 115390

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

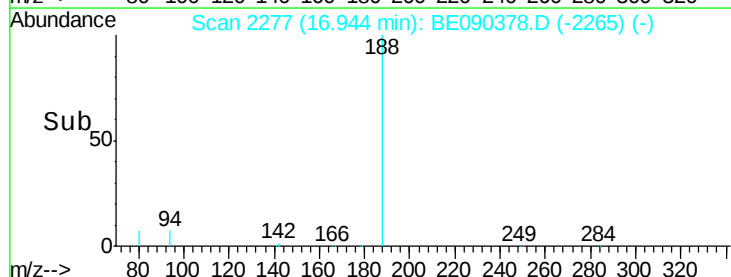
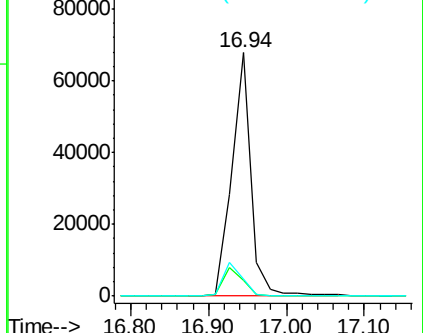
80 6.9 5.8 8.8



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: 1.05 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

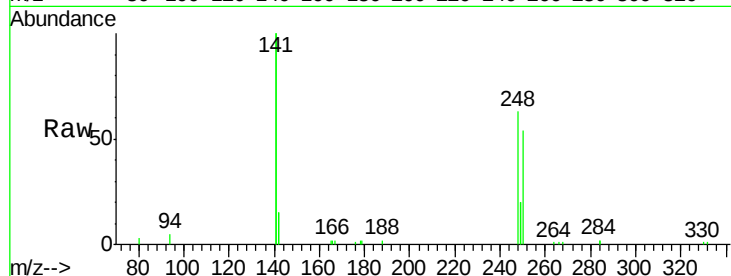
Tot Ion:248 Resp: 4707

Ion Ratio Lower Upper

248 100

250 95.4 79.0 118.6

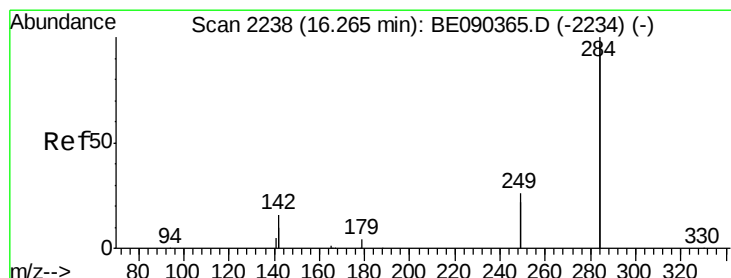
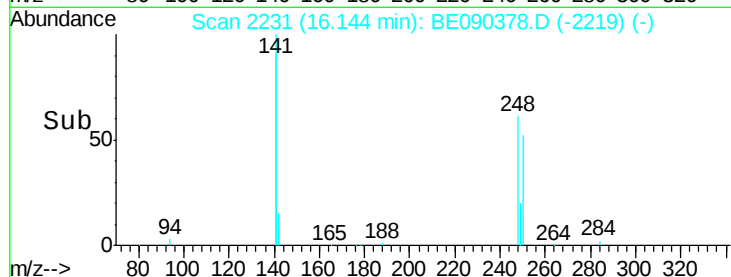
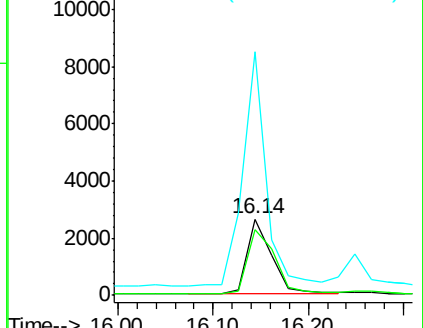
141 290.1 239.5 359.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 1.02 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

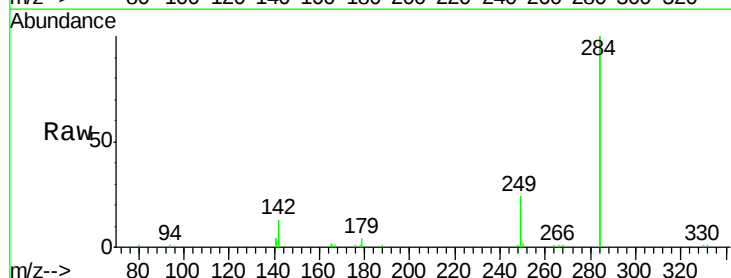
Tgt Ion:284 Resp: 23713

Ion Ratio Lower Upper

284 100

142 37.5 30.1 45.1

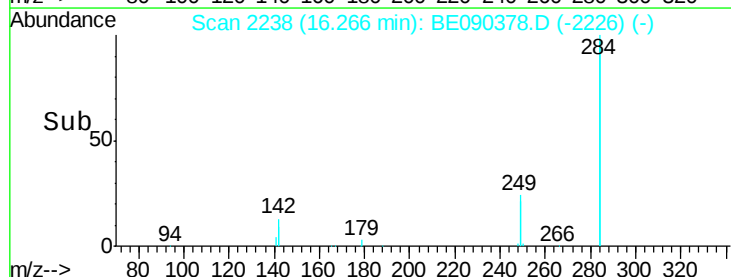
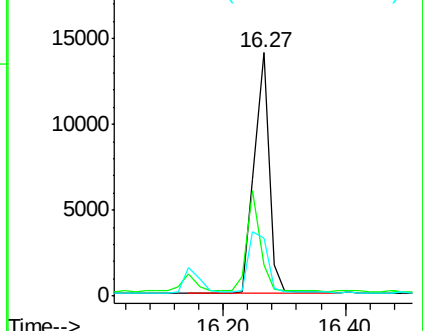
249 31.6 25.7 38.5



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

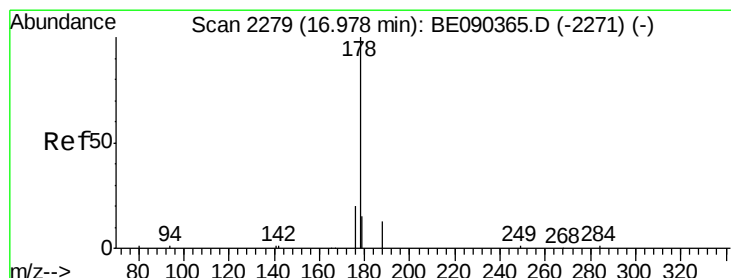
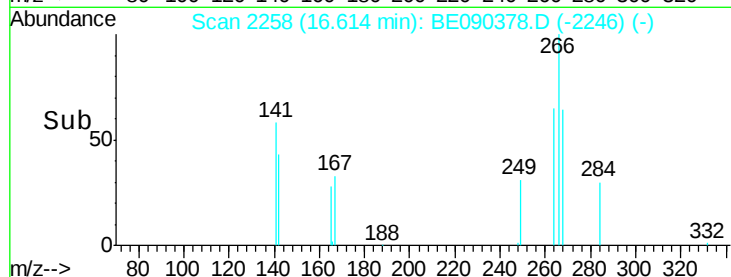
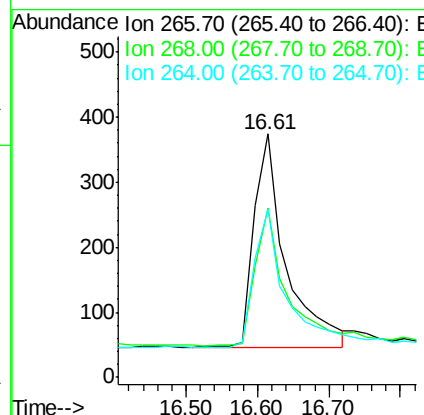
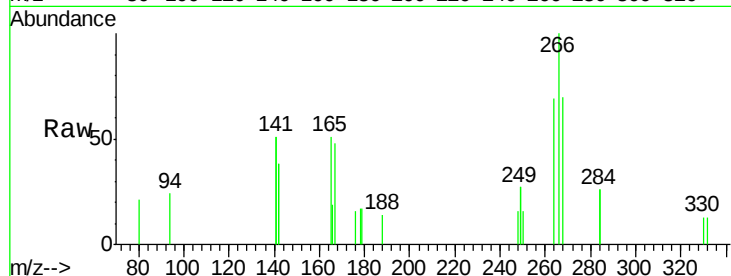




#21
 Pentachlorophenol
 Concen: 1.28 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

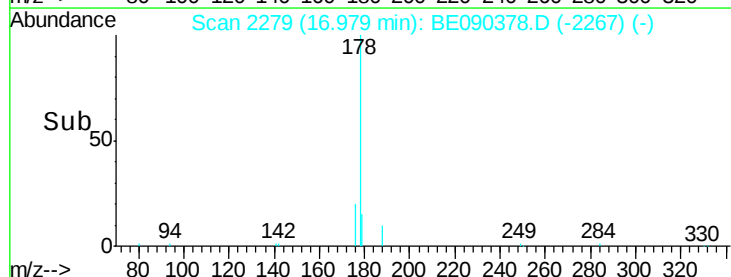
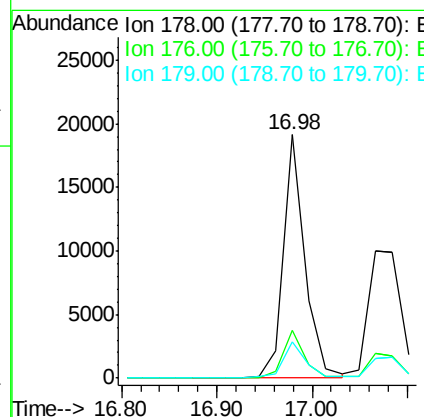
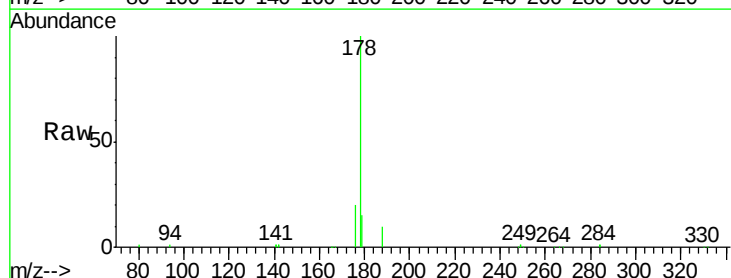
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

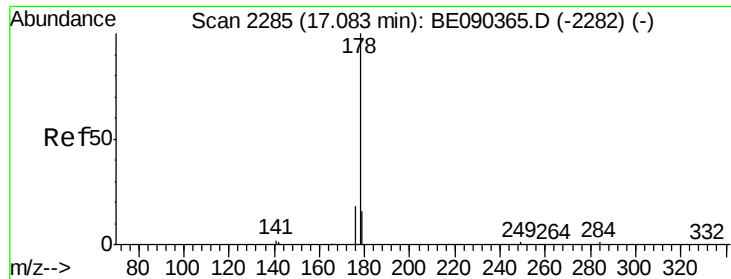
Tot Ion:266 Resp: 1025
 Ion Ratio Lower Upper
 266 100
 268 69.5 58.5 87.7
 264 69.3 56.0 84.0



#22
 Phenanthrene
 Concen: 1.02 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

Tgt Ion:178 Resp: 29495
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.5 18.7





#23

Anthracene

Concen: 1.01 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

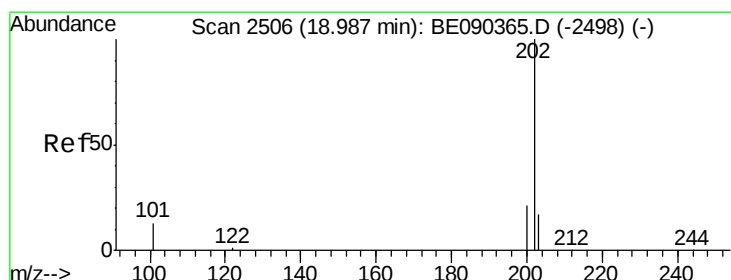
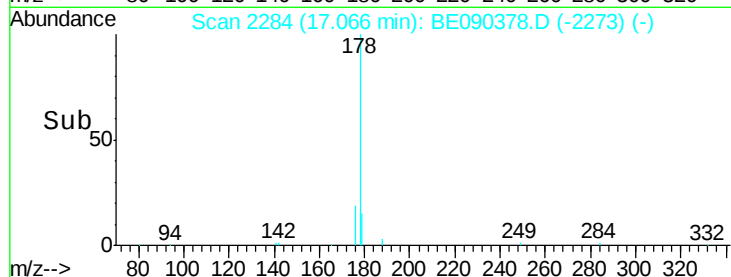
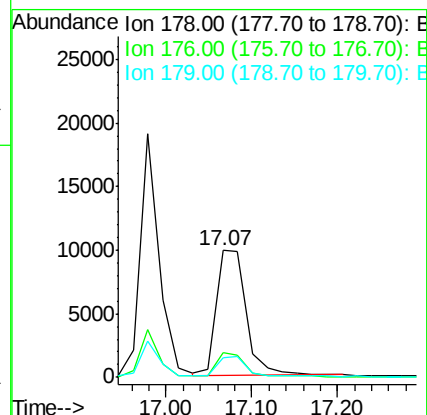
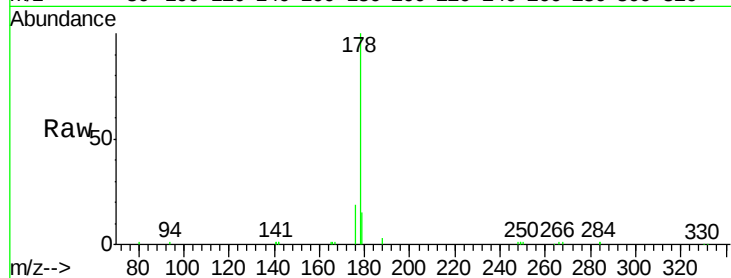
Tot Ion:178 Resp: 24049

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 1.03 ng

RT: 18.99 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

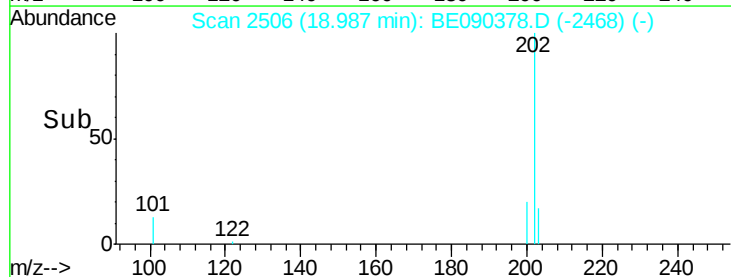
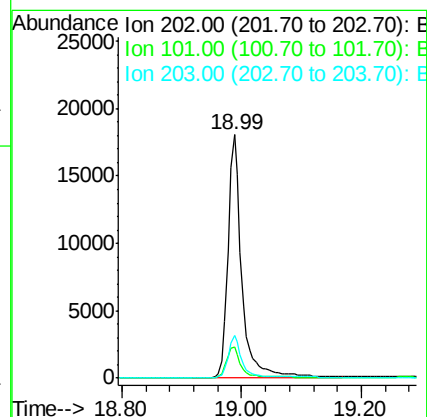
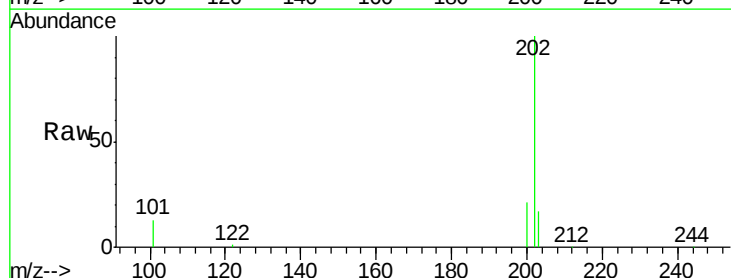
Tgt Ion:202 Resp: 29408

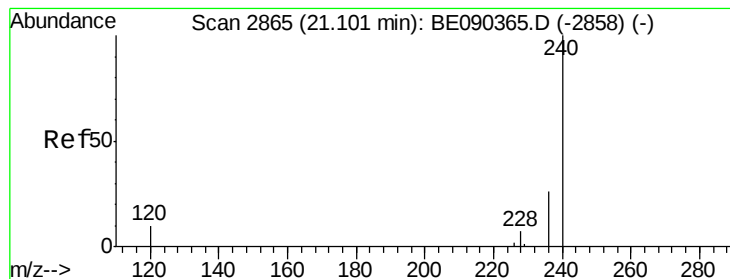
Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

203 17.0 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

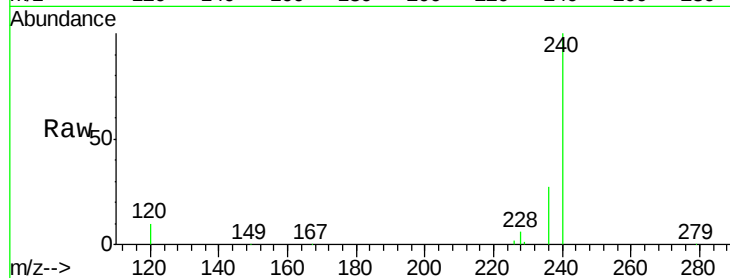
Tot Ion:240 Resp: 139861

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

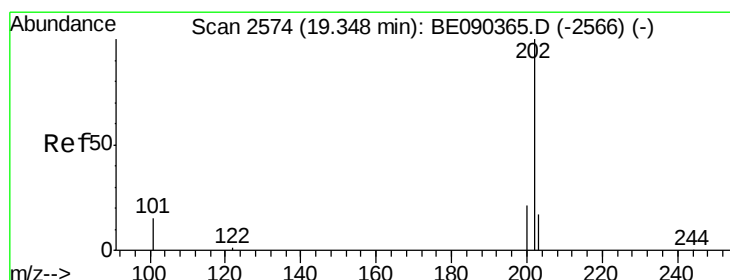
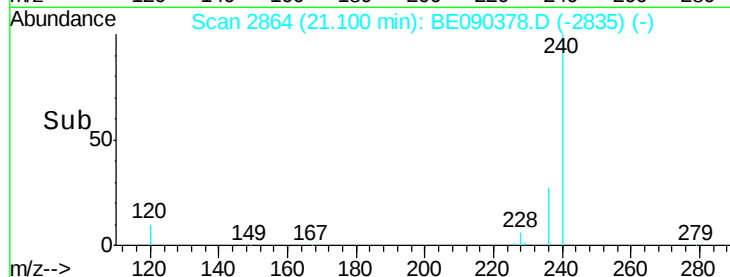
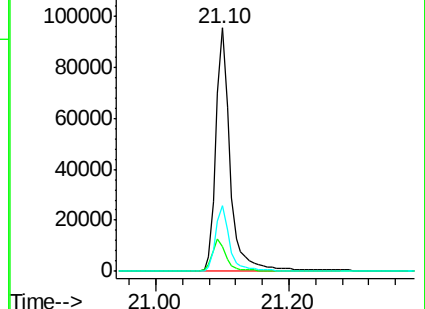
236 26.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.02 ng

RT: 19.35 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

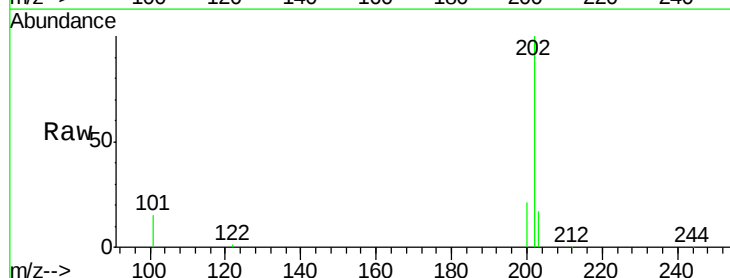
Tgt Ion:202 Resp: 30816

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

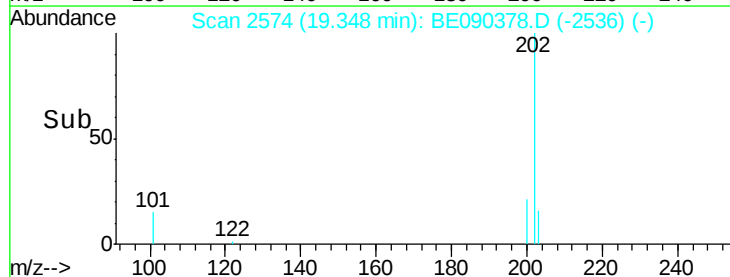
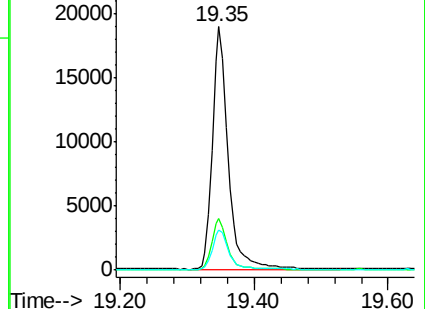
203 17.0 13.8 20.8

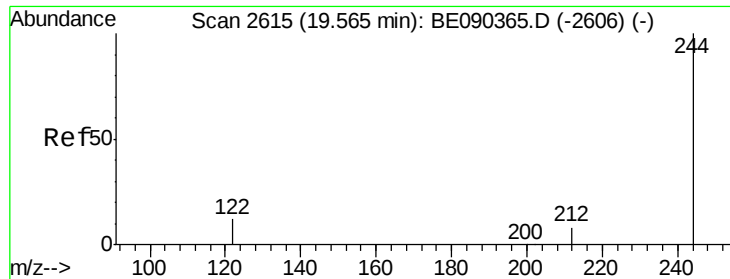


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

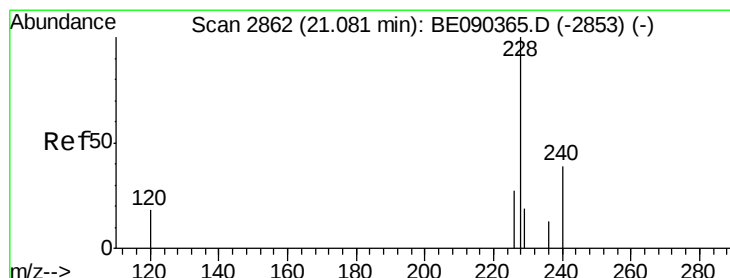
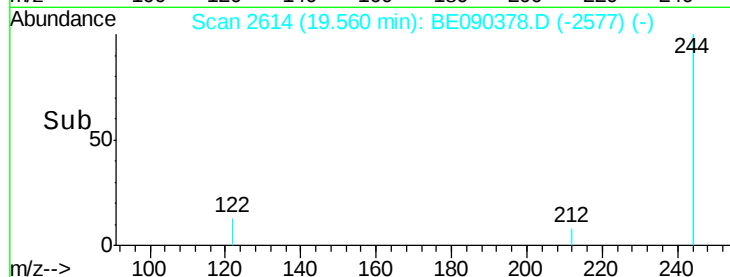
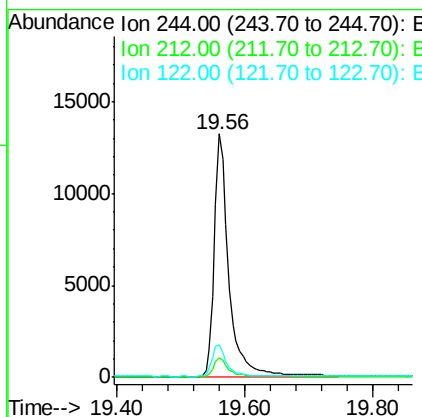
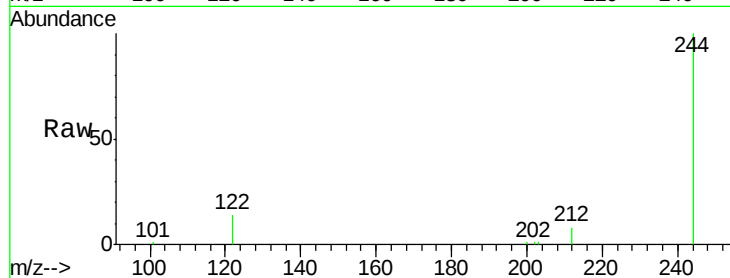




#27
 Terphenyl-d14
 Concen: 1.02 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

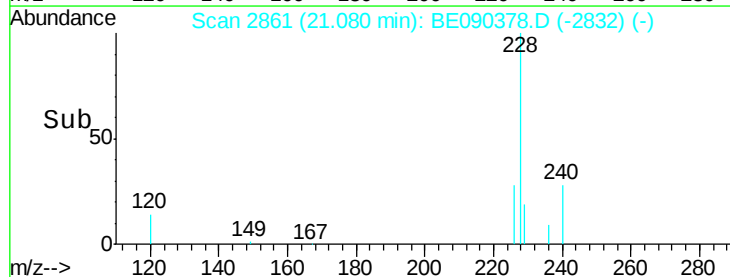
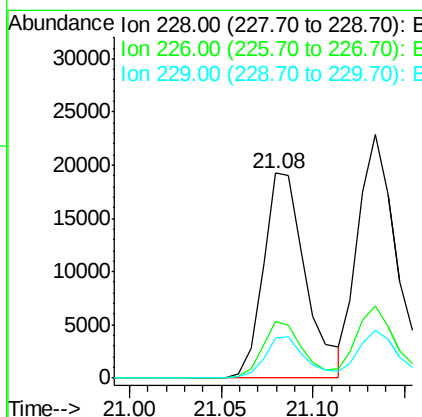
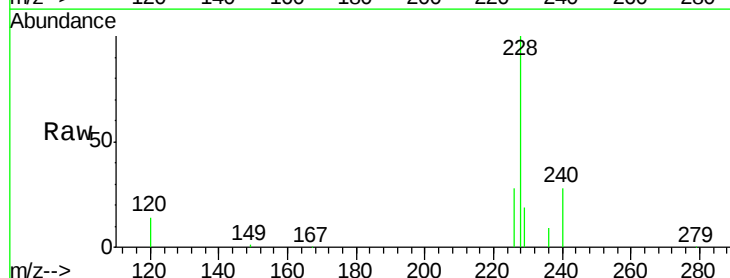
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:244 Resp: 21118
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 13.5 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.99 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

Tgt Ion:228 Resp: 30759
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.9 32.9
 229 19.3 15.4 23.0





#29

Chrysene

Concen: 0.97 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

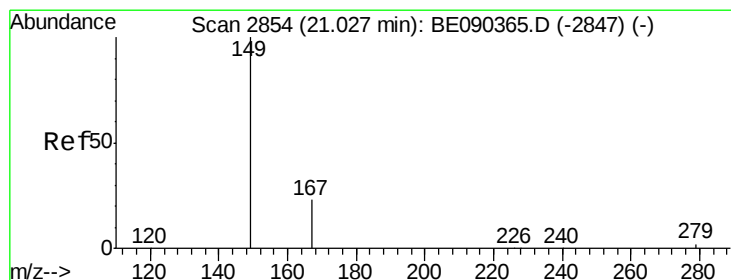
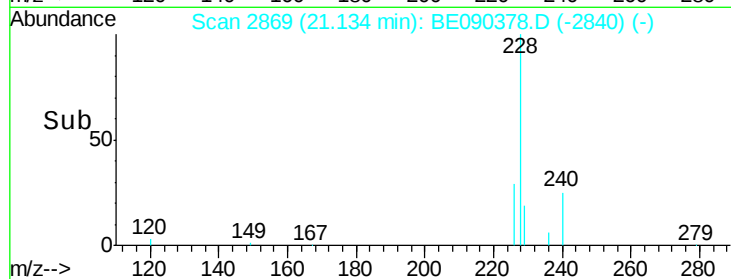
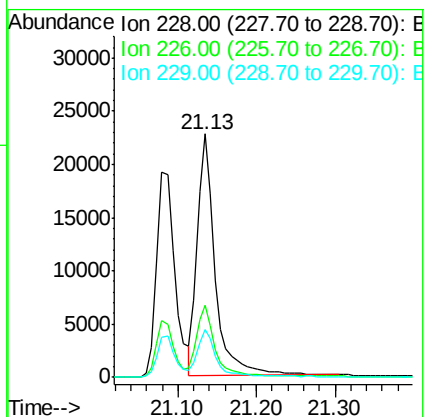
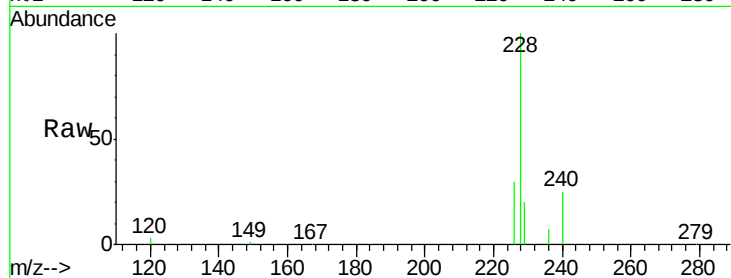
Tot Ion:228 Resp: 36380

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

229 19.5 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.90 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

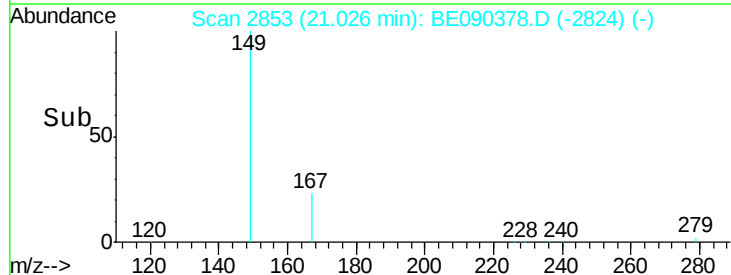
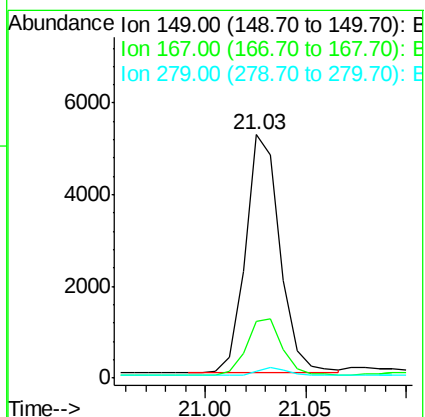
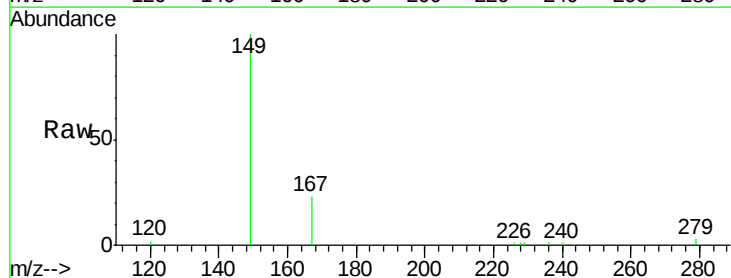
Tgt Ion:149 Resp: 6270

Ion Ratio Lower Upper

149 100

167 24.5 19.8 29.8

279 3.4 2.4 3.6

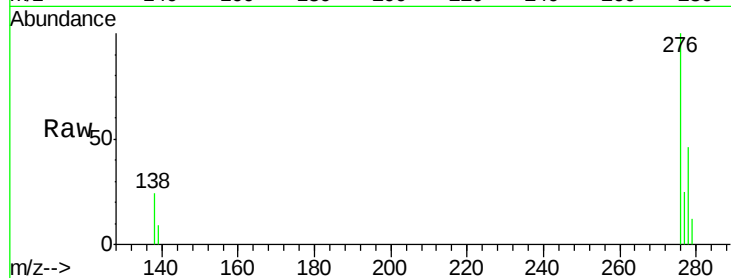




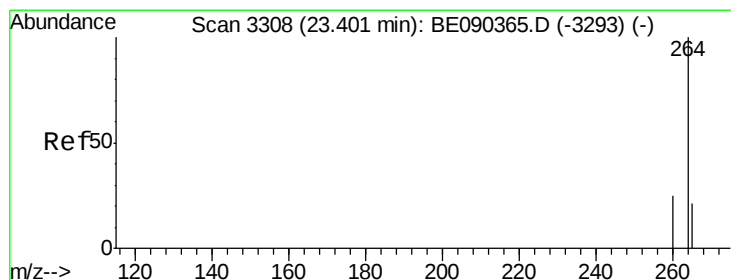
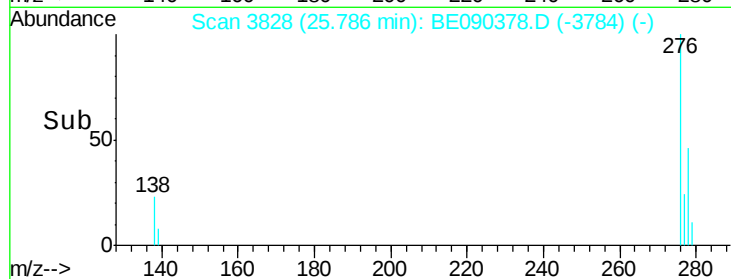
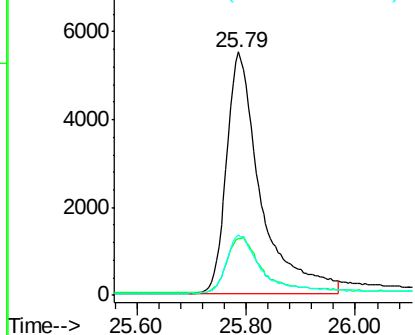
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.92 ng
RT: 25.79 min Scan# 3828
Delta R.T. -0.00 min
Lab File: BE090378.D
Acq: 6 Aug 2015 6:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:276 Resp: 23767
Ion Ratio Lower Upper
276 100
138 24.0 18.8 28.2
277 24.6 18.2 27.4

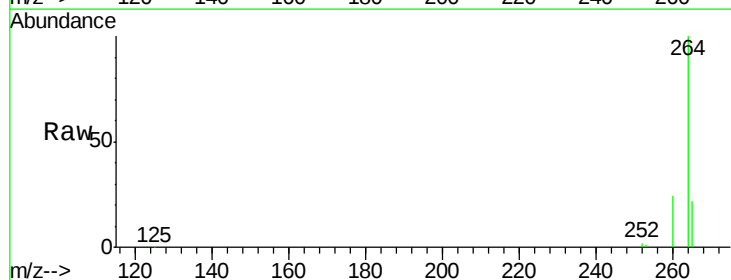


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

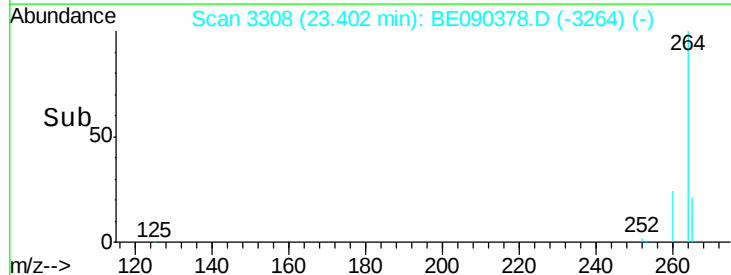
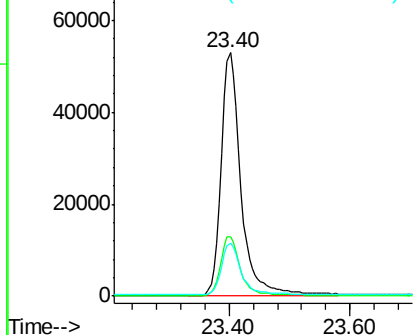


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090378.D
Acq: 6 Aug 2015 6:08

Tgt Ion:264 Resp: 121181
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 21.9 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: 1.03 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

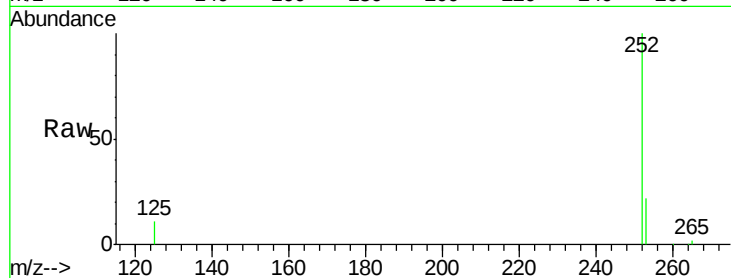
Tot Ion:252 Resp: 23774

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

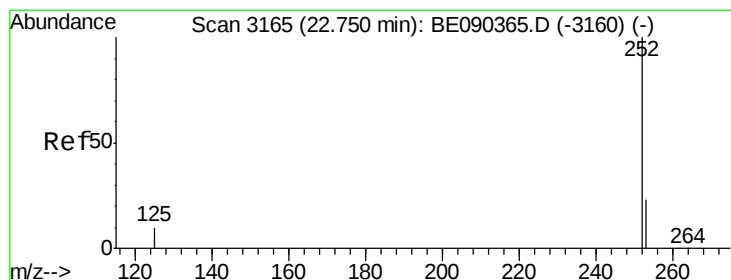
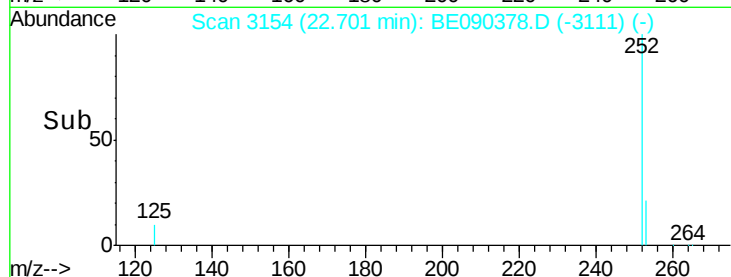
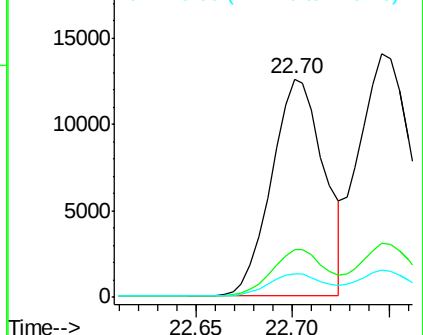
125 10.8 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.75 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

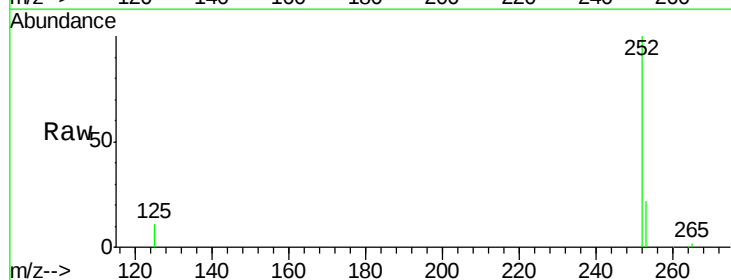
Tgt Ion:252 Resp: 32502

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

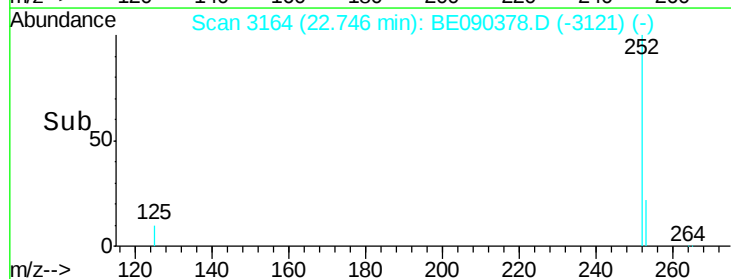
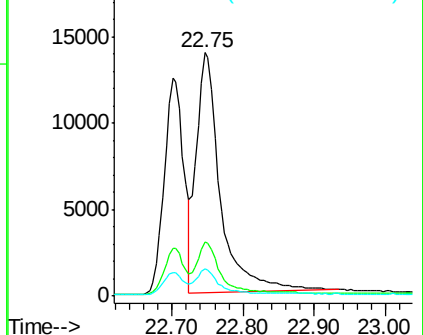
125 11.1 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.99 ng

RT: 23.30 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

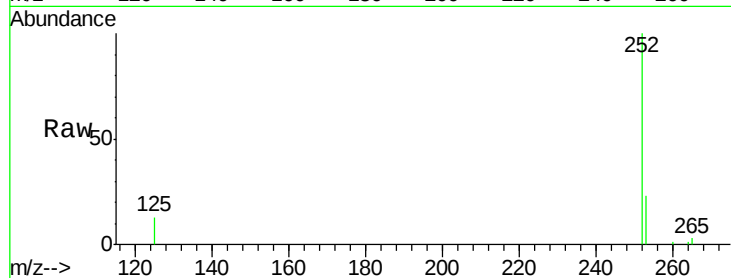
Tot Ion:252 Resp: 20617

Ion Ratio Lower Upper

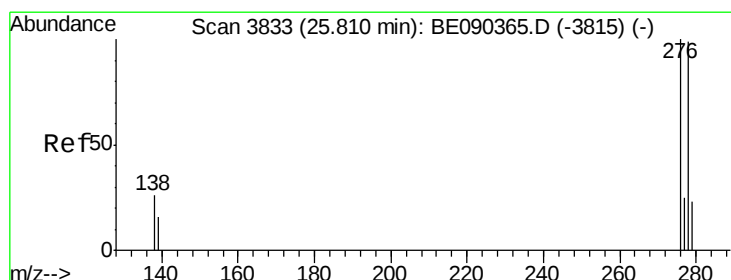
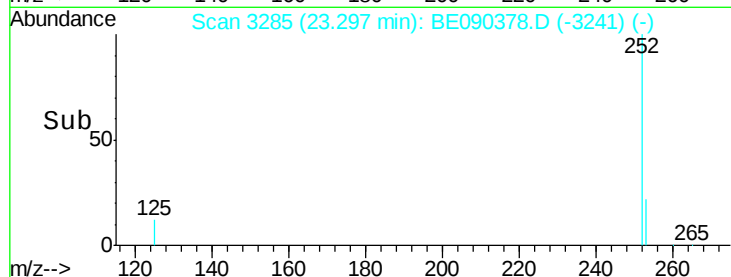
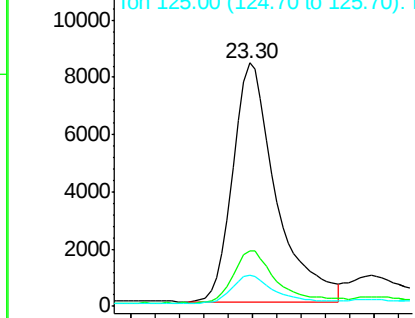
252 100

253 22.9 17.6 26.4

125 12.8 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: 0.95 ng

RT: 25.81 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BE090378.D

Acq: 6 Aug 2015 6:08

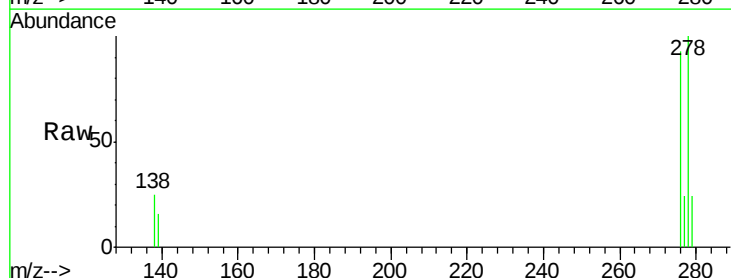
Tgt Ion:278 Resp: 17891

Ion Ratio Lower Upper

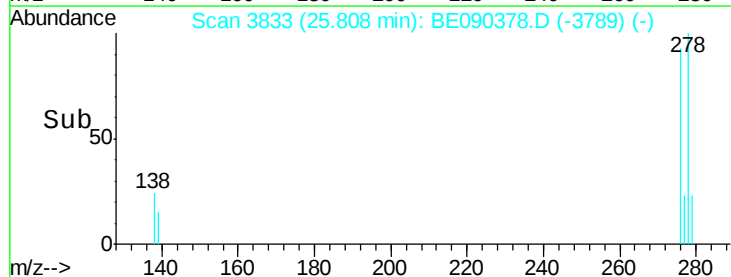
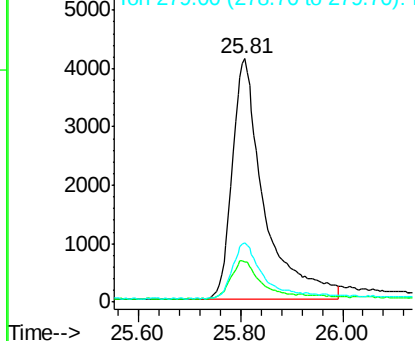
278 100

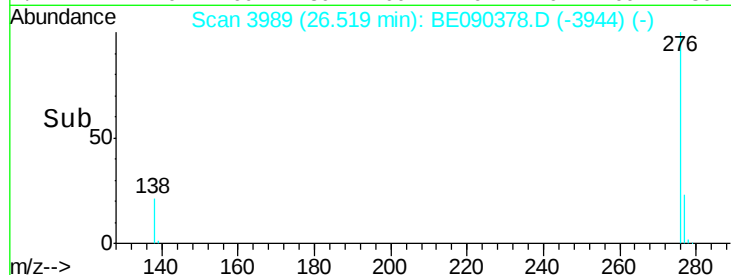
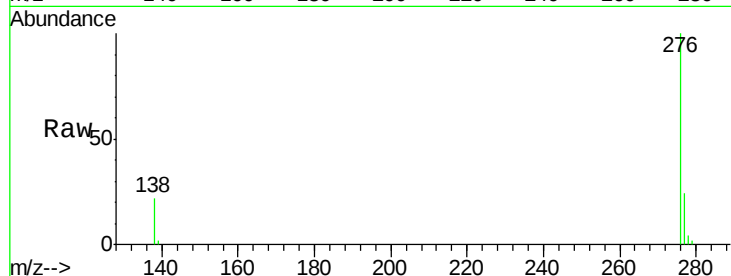
139 16.4 14.2 21.4

279 24.1 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: 1.01 ng
 RT: 26.52 min Scan# 3989
 Delta R.T. 0.00 min
 Lab File: BE090378.D
 Acq: 6 Aug 2015 6:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:	276	Resp:	22421
Ion Ratio	Lower	Upper	
276	100		
277	23.9	20.1	30.1
138	21.7	18.1	27.1

