

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090445.D
 Acq On : 12 Aug 2015 1:37
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Aug 12 04:16:18 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

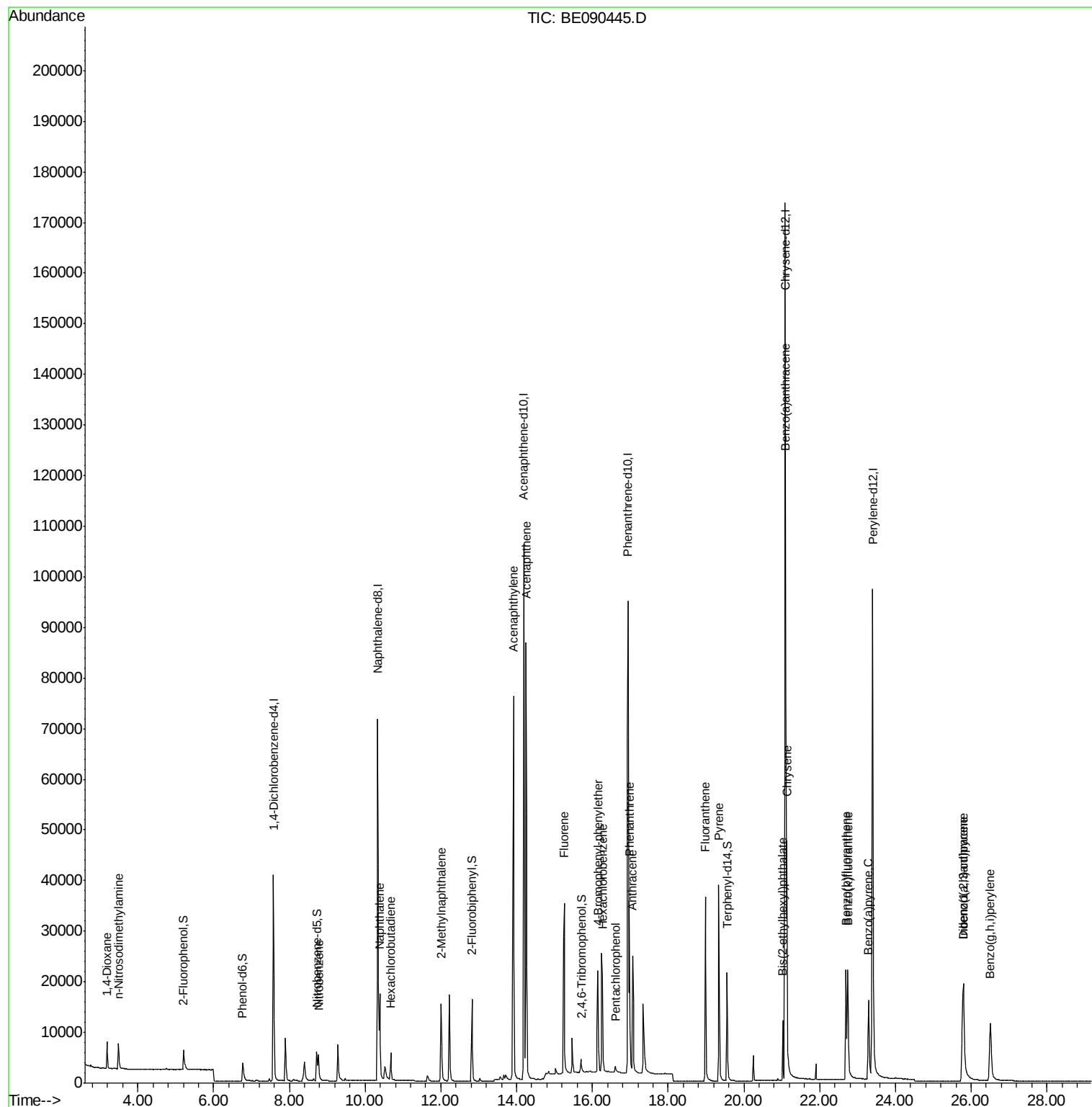
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21856	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	102498	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	61419	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	146201	5.00	ng	0.00
25) Chrysene-d12	21.09	240	163863	5.00	ng	0.00
32) Perylene-d12	23.40	264	144622	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	4466	1.36	ng	0.00
5) Phenol-d6	6.77	99	6928	1.19	ng	-0.01
7) Nitrobenzene-d5	8.72	82	7054	1.01	ng	-0.01
13) 2,4,6-Tribromophenol	15.71	330	1510	1.40	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	17445	1.03	ng	0.00
27) Terphenyl-d14	19.56	244	26540	1.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3070	1.08	ng	96
3) n-Nitrosodimethylamine	3.49	42	3538	1.05	ng	# 85
8) Nitrobenzene	8.77	77	7362	1.00	ng	99
9) Naphthalene	10.38	128	22886	1.01	ng	98
10) Hexachlorobutadiene	10.68	225	3931	1.09	ng	99
11) 2-Methylnaphthalene	12.00	142	14252	1.09	ng	98
15) Acenaphthylene	13.91	152	103647	1.04	ng	100
16) Acenaphthene	14.26	154	15610	1.01	ng	93
17) Fluorene	15.26	166	20500	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5604	0.99	ng	87
20) Hexachlorobenzene	16.27	284	27653	0.94	ng	98
21) Pentachlorophenol	16.61	266	1204	1.21	ng	98
22) Phenanthrene	16.98	178	36213	0.99	ng	100
23) Anthracene	17.07	178	32367	1.08	ng	100
24) Fluoranthene	18.98	202	37226	1.03	ng	99
26) Pyrene	19.35	202	38982	1.10	ng	100
28) Benzo(a)anthracene	21.08	228	38002	1.05	ng	100
29) Chrysene	21.13	228	43085	0.98	ng	100
30) Bis(2-ethylhexyl)phthalate	21.03	149	9482	1.11	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	32953	1.04	ng	96
33) Benzo(b)fluoranthene	22.70	252	29663	1.07	ng	100
34) Benzo(k)fluoranthene	22.74	252	36859	0.92	ng	99
35) Benzo(a)pyrene	23.29	252	26209	1.04	ng	99
36) Dibenzo(a,h)anthracene	25.80	278	24949	1.06	ng	99
37) Benzo(g,h,i)perylene	26.51	276	28321	1.06	ng	98

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

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Quant Time: Aug 12 04:16:18 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

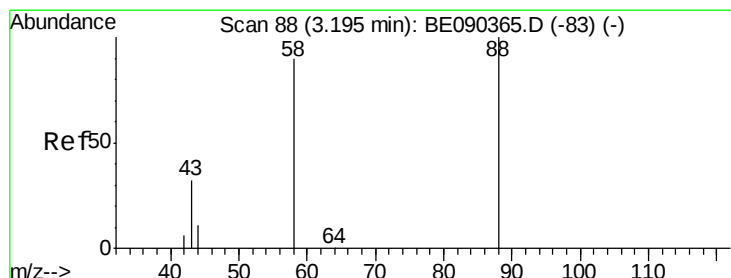
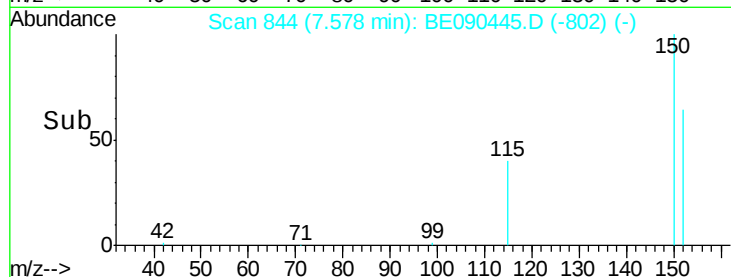
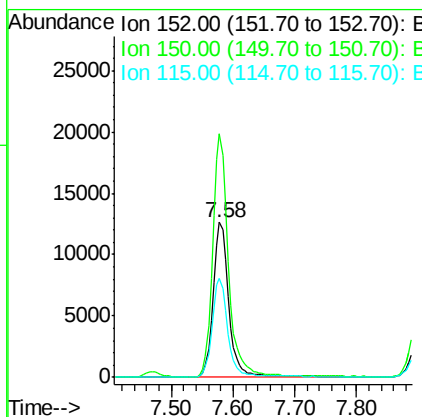
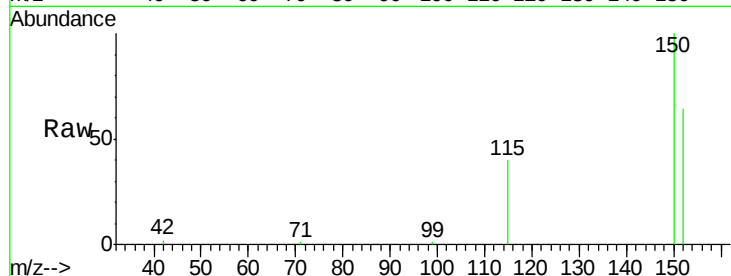




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

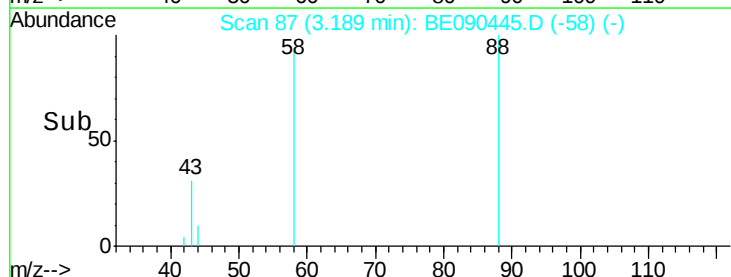
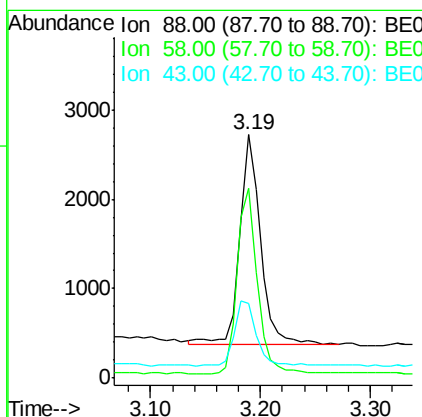
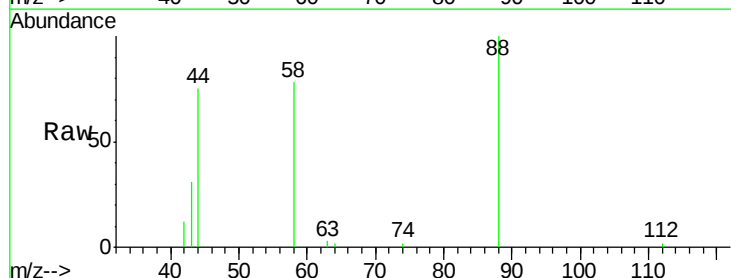
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 152 Resp: 21856
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.0 184.4
 115 63.4 48.9 73.3



#2
 1,4-Dioxane
 Concen: 1.08 ng
 RT: 3.19 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Tgt Ion: 88 Resp: 3070
 Ion Ratio Lower Upper
 88 100
 58 84.4 70.0 105.0
 43 32.0 28.4 42.6



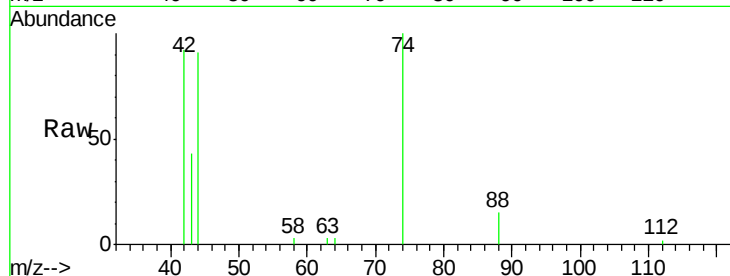


#3

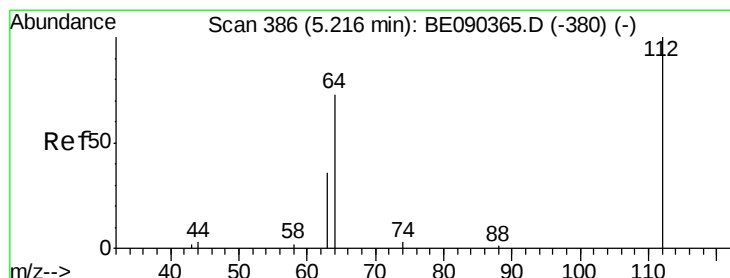
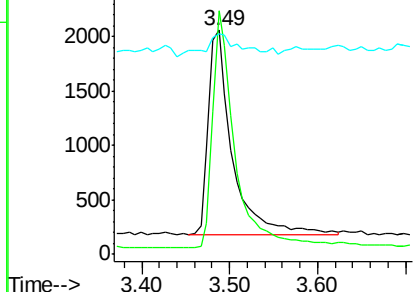
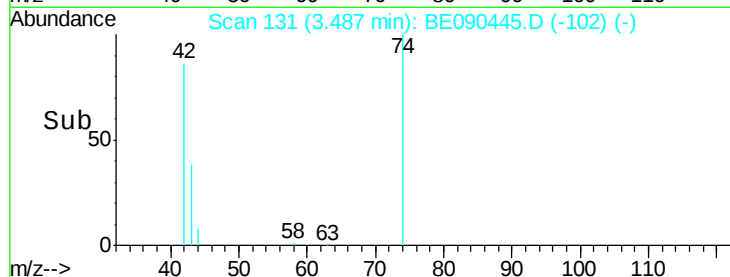
n-Nitrosodimethylamine
 Concen: 1.05 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 42 Resp: 3538
 Ion Ratio Lower Upper
 42 100
 74 108.3 75.2 112.8
 44 16.5 8.7 13.1#



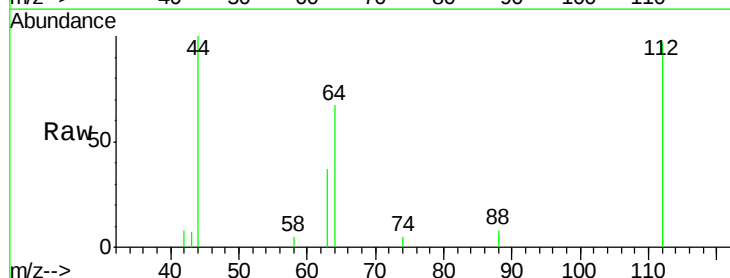
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



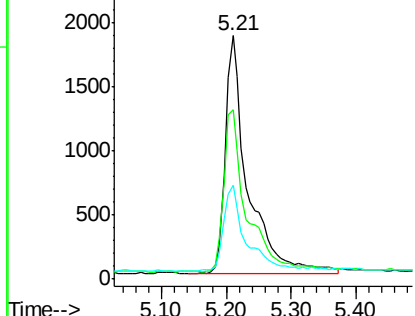
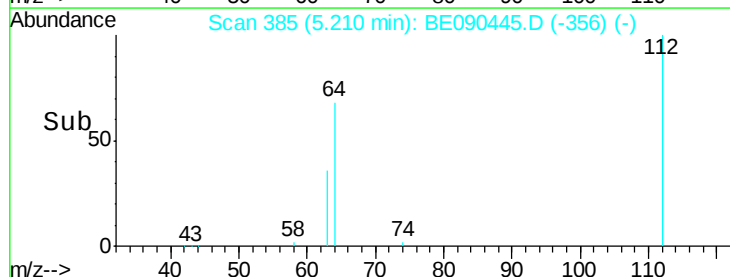
#4

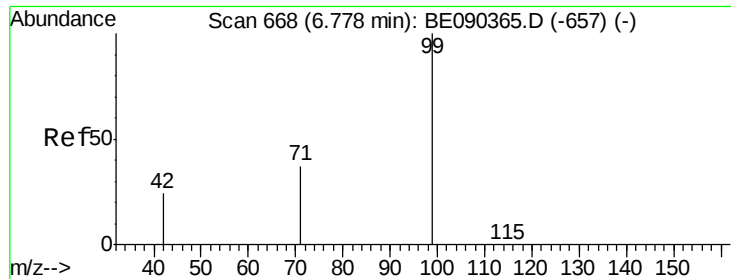
2-Fluorophenol
 Concen: 1.36 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Tgt Ion: 112 Resp: 4466
 Ion Ratio Lower Upper
 112 100
 64 70.9 37.1 55.7#
 63 36.6 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: 1.19 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

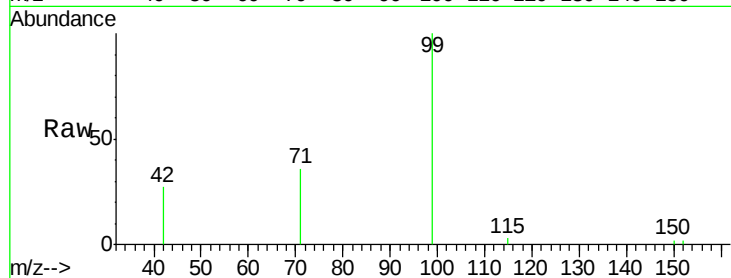
Tgt Ion: 99 Resp: 6928

Ion Ratio Lower Upper

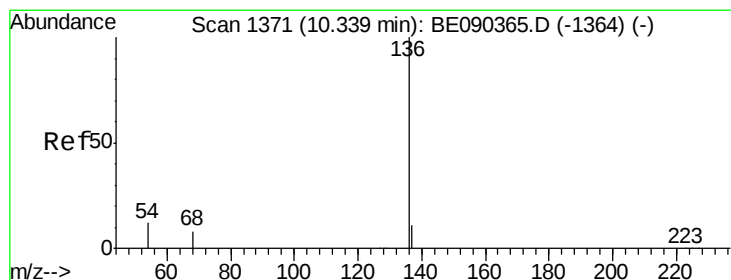
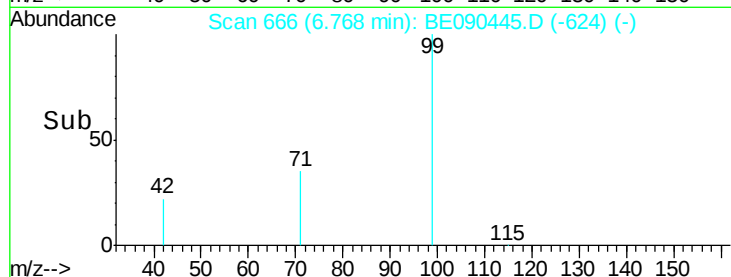
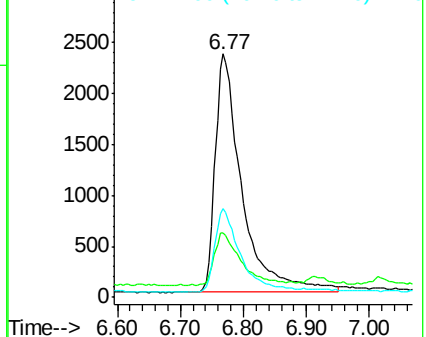
99 100

42 22.1 18.2 27.4

71 34.5 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: 10.33 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Tgt Ion: 136 Resp: 102498

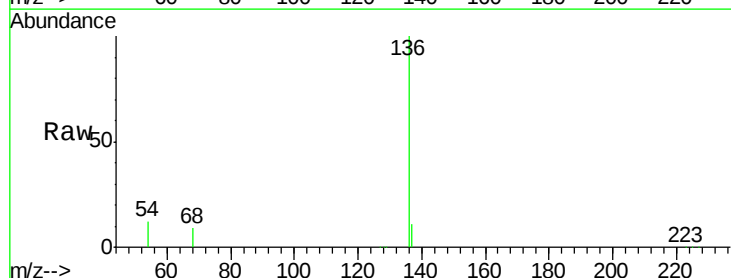
Ion Ratio Lower Upper

136 100

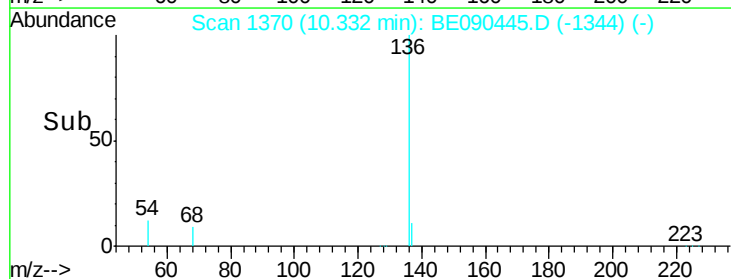
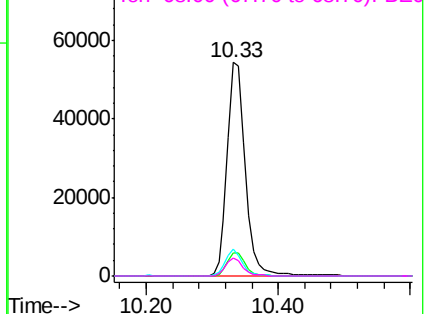
137 10.9 8.7 13.1

54 12.3 9.4 14.0

68 8.6 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: 1.01 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

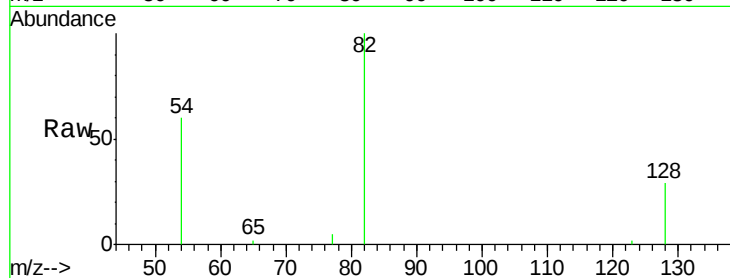
Tgt Ion: 82 Resp: 7054

Ion Ratio Lower Upper

82 100

128 29.1 25.0 37.6

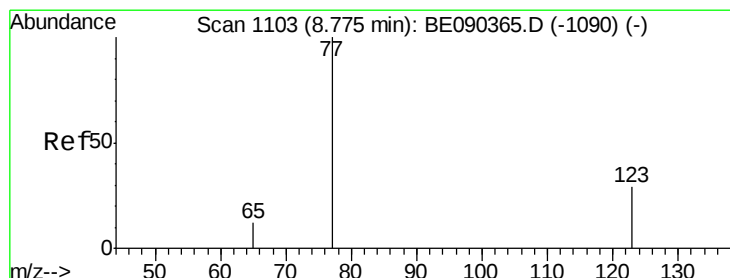
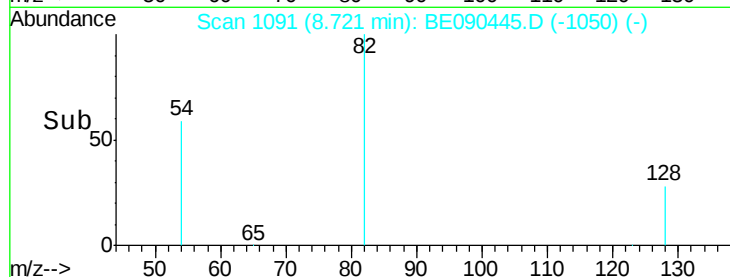
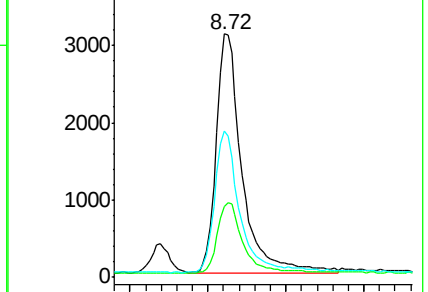
54 60.2 48.8 73.2



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: 1.00 ng

RT: 8.77 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

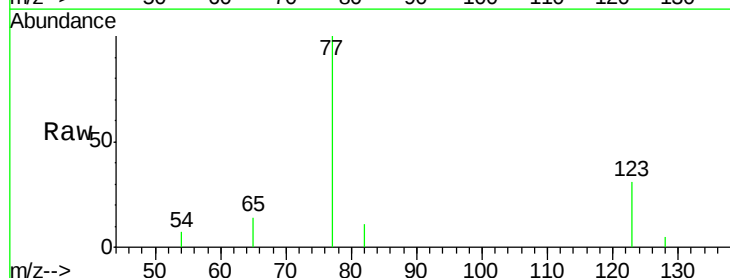
Tgt Ion: 77 Resp: 7362

Ion Ratio Lower Upper

77 100

123 30.5 25.1 37.7

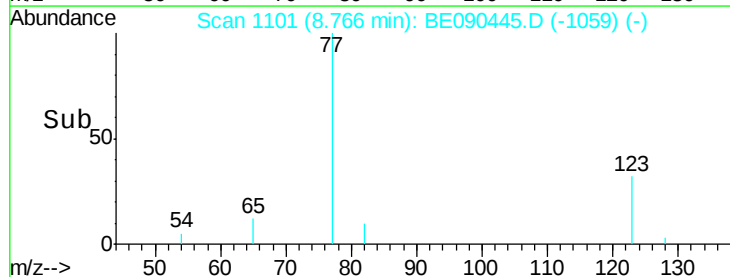
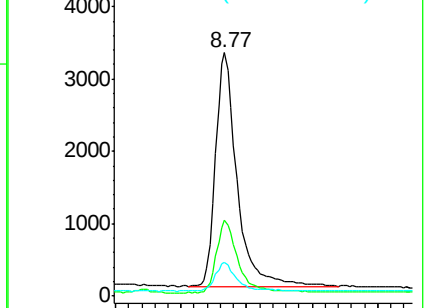
65 11.6 9.3 13.9



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: 1.01 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

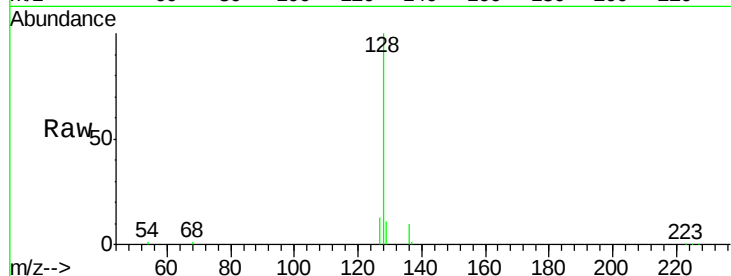
Tgt Ion:128 Resp: 22886

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.6

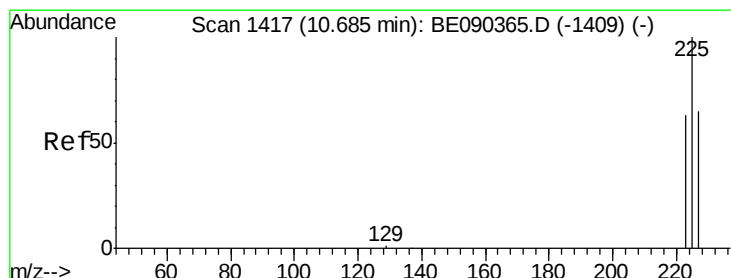
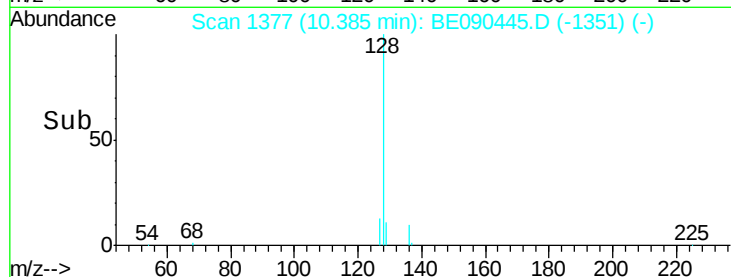
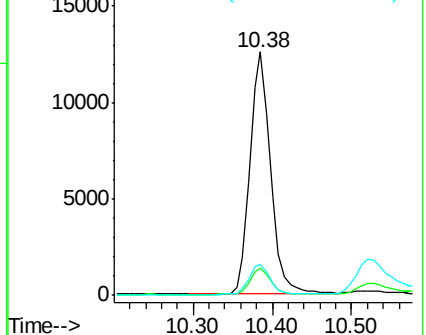
127 13.0 10.6 16.0



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: BE090445.D

Acq: 12 Aug 2015 1:37

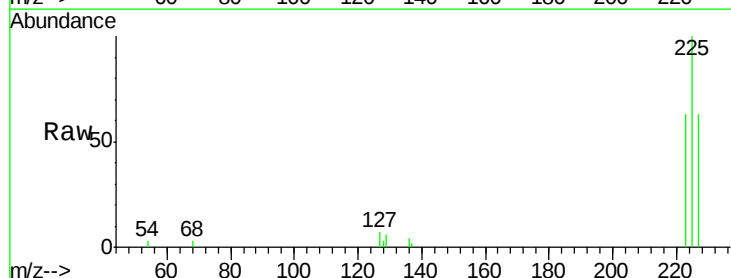
Tgt Ion:225 Resp: 3931

Ion Ratio Lower Upper

225 100

223 61.9 50.6 75.8

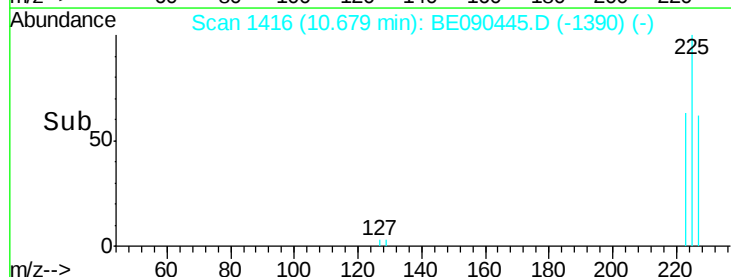
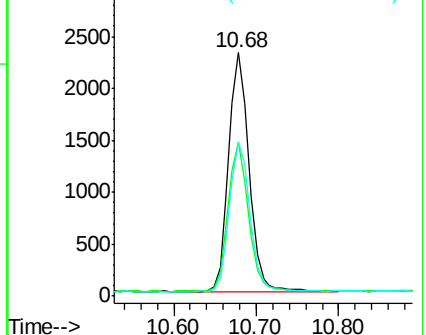
227 63.0 50.7 76.1



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

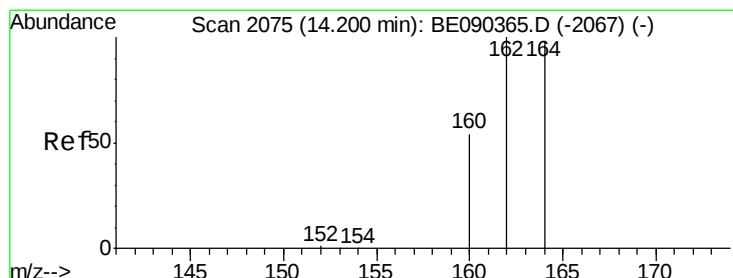
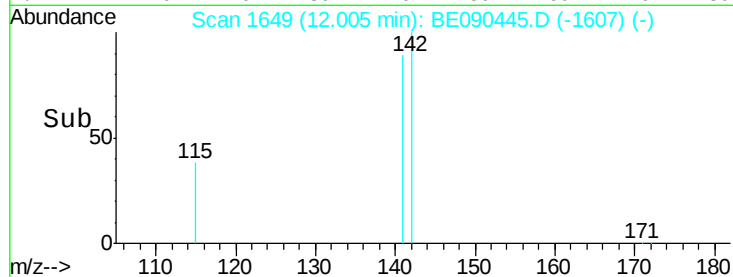
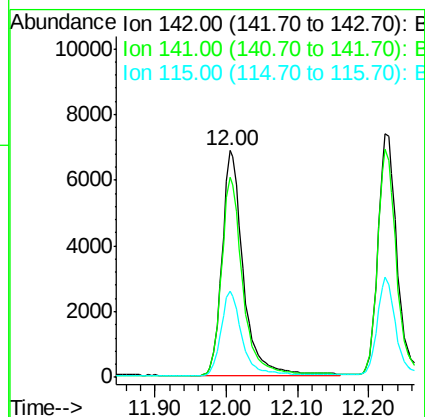
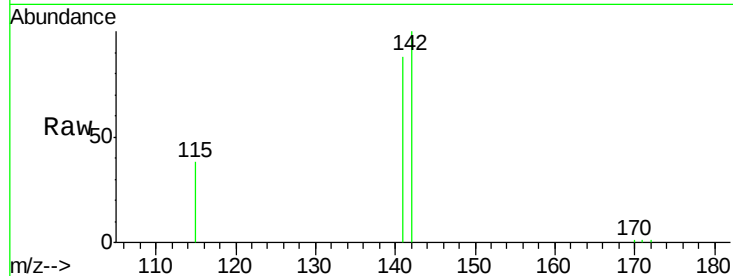




#11
2-Methylnaphthalene
Concen: 1.09 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090445.D
Acq: 12 Aug 2015 1:37

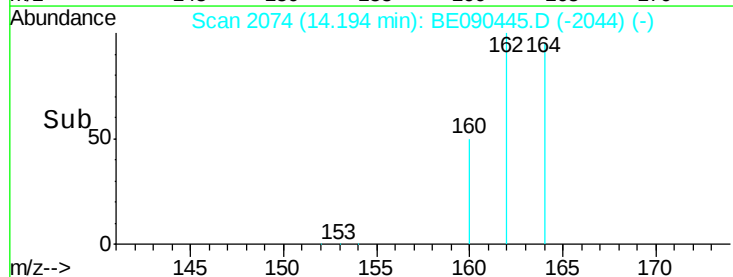
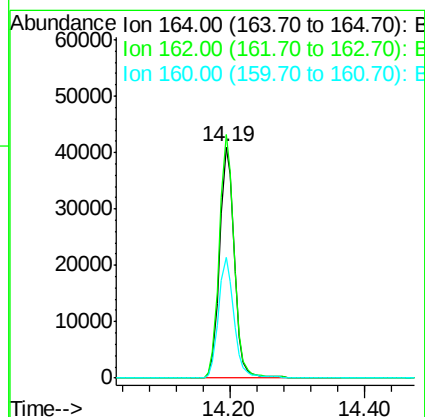
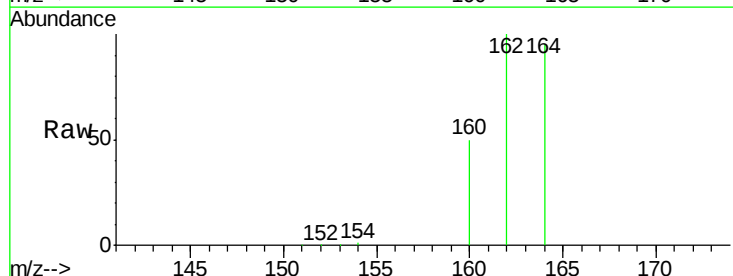
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 14252
Ion Ratio Lower Upper
142 100
141 88.3 72.6 109.0
115 38.3 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: BE090445.D
Acq: 12 Aug 2015 1:37

Tgt Ion:164 Resp: 61419
Ion Ratio Lower Upper
164 100
162 105.2 81.8 122.8
160 52.2 44.2 66.4

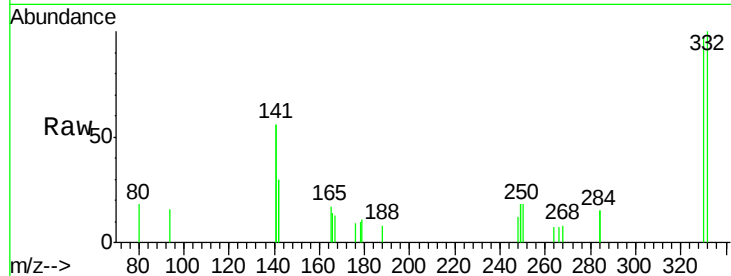




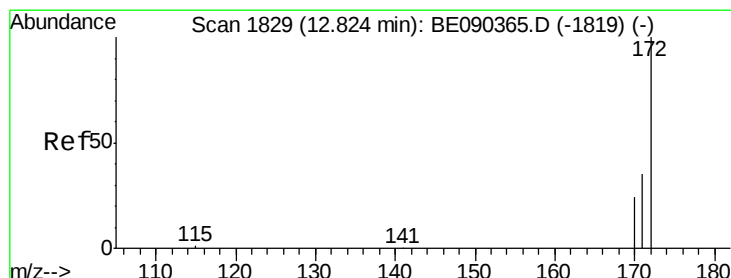
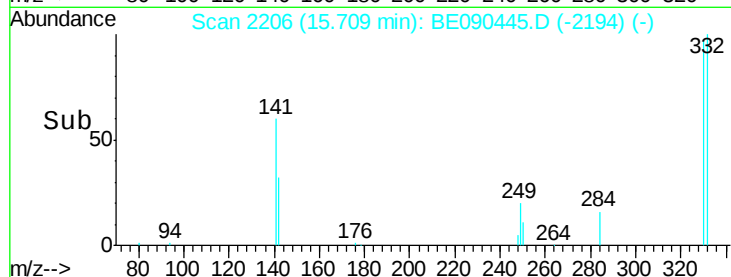
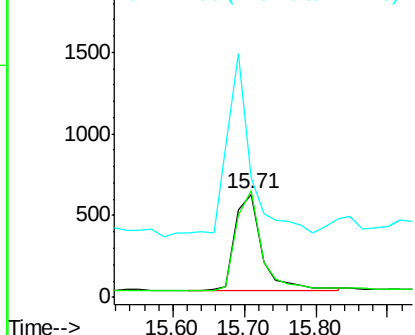
#13
 2,4,6-Tribromophenol
 Concen: 1.40 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 1510
 Ion Ratio Lower Upper
 330 100
 332 98.7 75.8 113.6
 141 173.2 114.4 171.6#

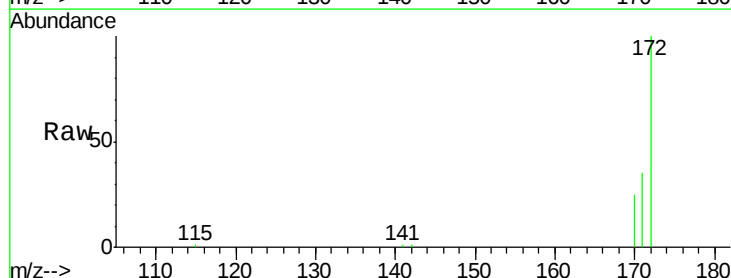


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

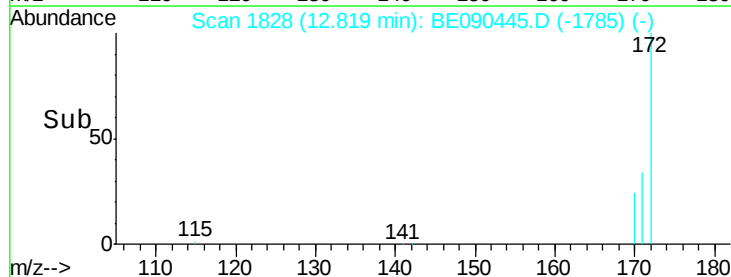
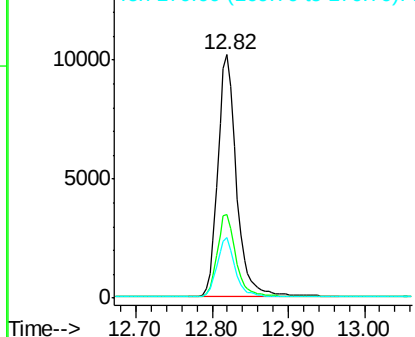


#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Tgt Ion: 172 Resp: 17445
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 24.8 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: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

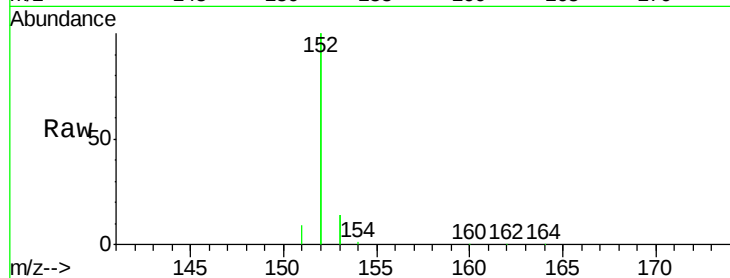
Tgt Ion:152 Resp: 103647

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

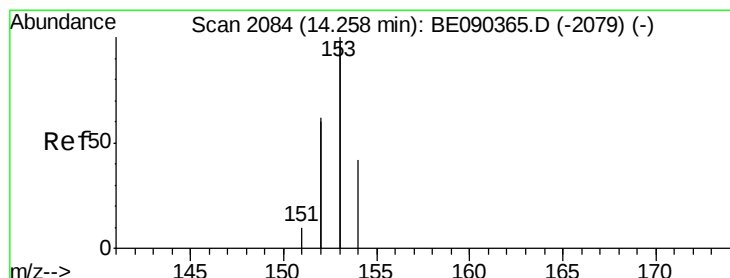
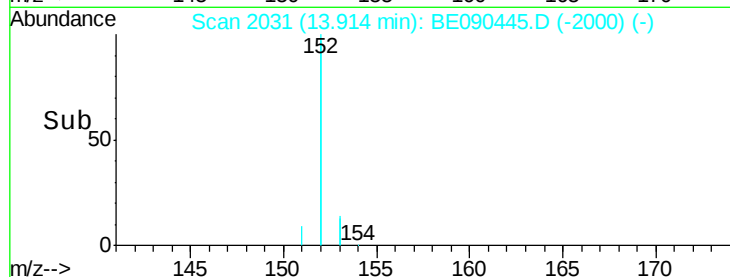
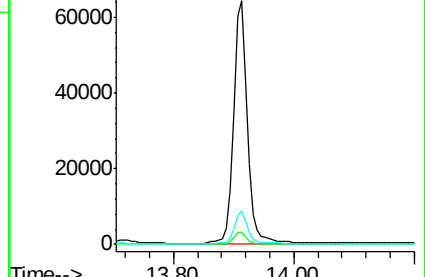
153 12.9 10.3 15.5



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: BE090445.D

Acq: 12 Aug 2015 1:37

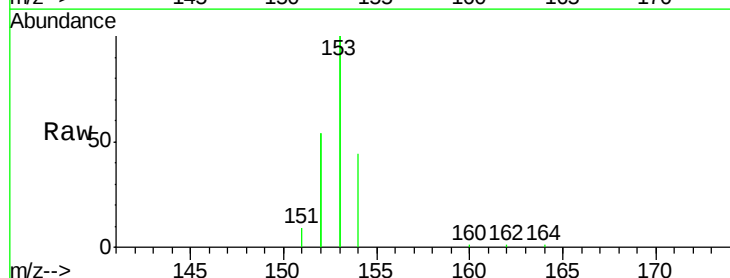
Tgt Ion:154 Resp: 15610

Ion Ratio Lower Upper

154 100

153 463.4 376.2 564.2

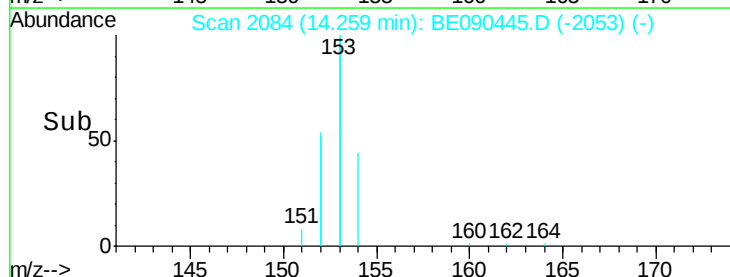
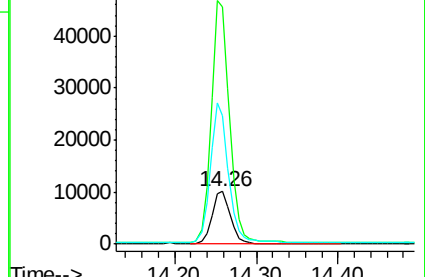
152 264.9 235.0 352.4



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: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

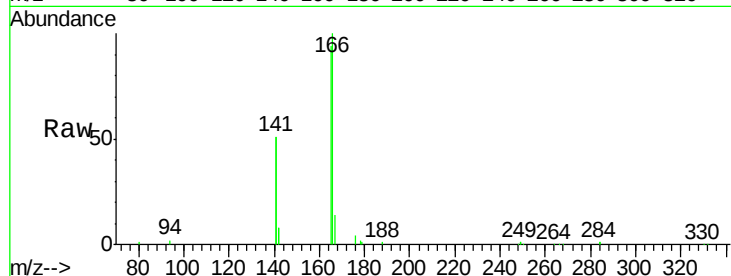
Tgt Ion:166 Resp: 20500

Ion Ratio Lower Upper

166 100

165 100.0 81.5 122.3

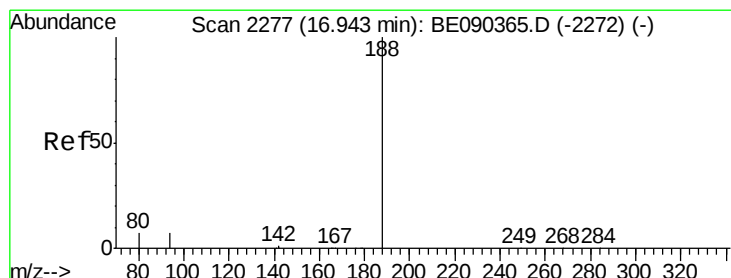
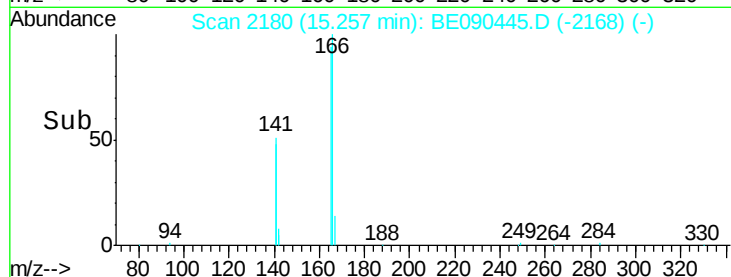
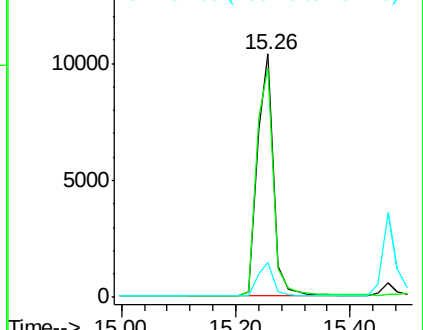
167 14.1 11.4 17.0



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: BE090445.D

Acq: 12 Aug 2015 1:37

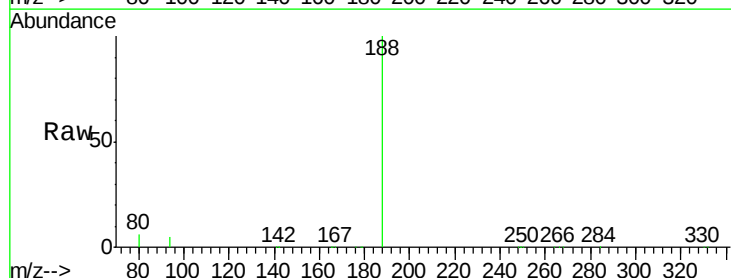
Tgt Ion:188 Resp: 146201

Ion Ratio Lower Upper

188 100

94 5.4 5.7 8.5#

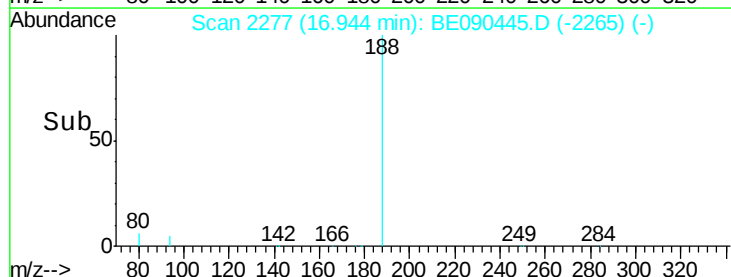
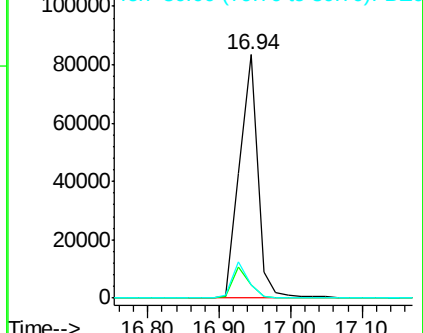
80 5.7 5.8 8.8#



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: 0.99 ng

RT: 16.14 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

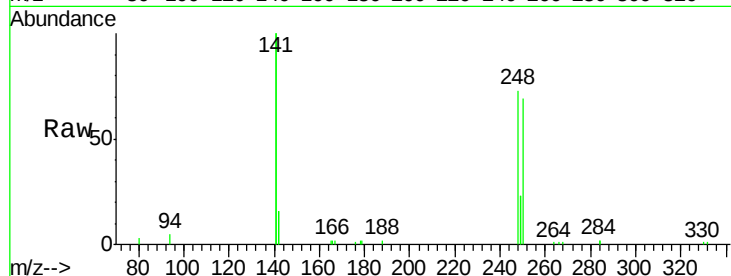
Tgt Ion:248 Resp: 5604

Ion Ratio Lower Upper

248 100

250 99.5 79.0 118.6

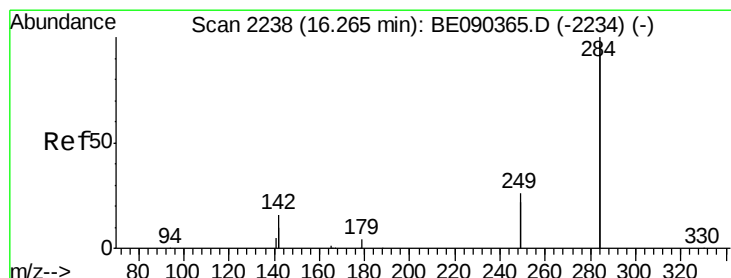
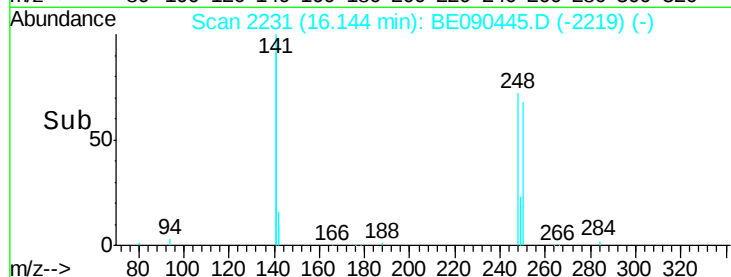
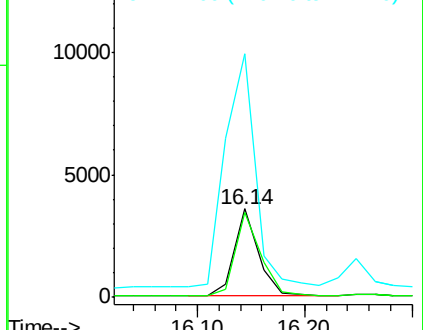
141 332.9 239.5 359.3



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



#20

Hexachlorobenzene

Concen: 0.94 ng

RT: 16.27 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

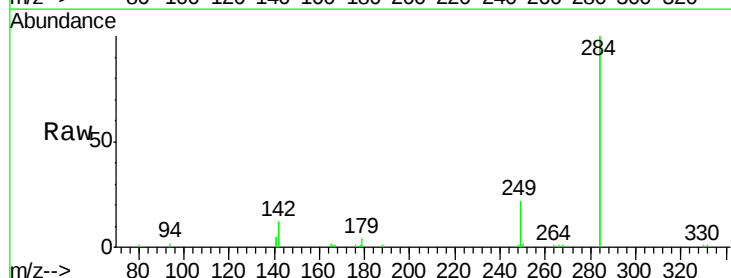
Tgt Ion:284 Resp: 27653

Ion Ratio Lower Upper

284 100

142 37.4 30.1 45.1

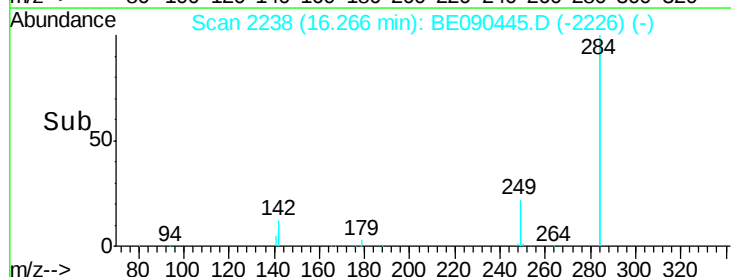
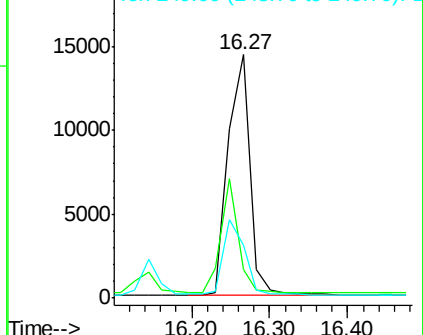
249 30.5 25.7 38.5



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

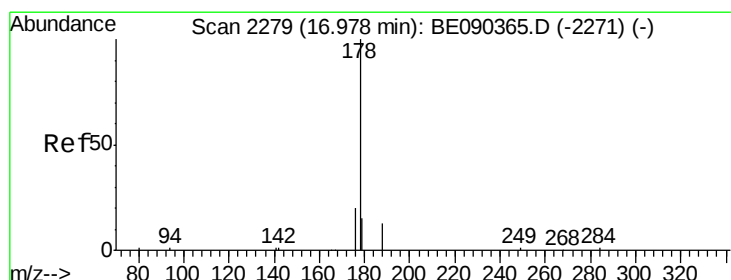
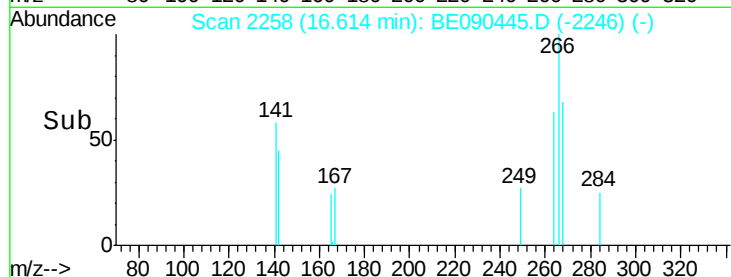
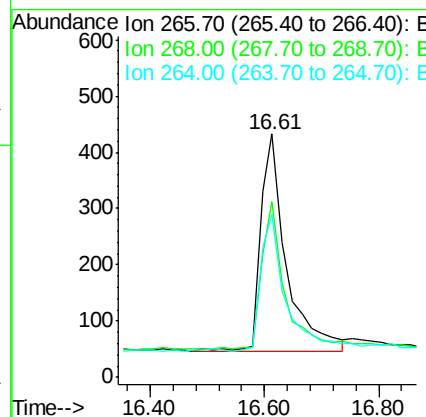
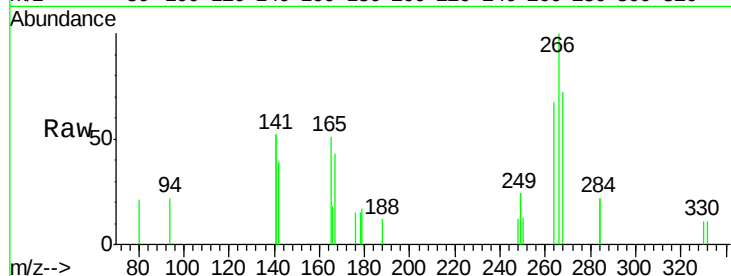




#21
 Pentachlorophenol
 Concen: 1.21 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

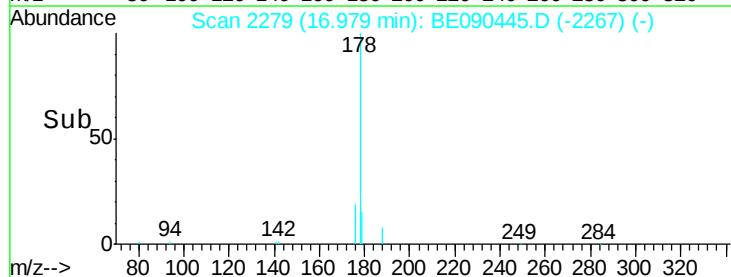
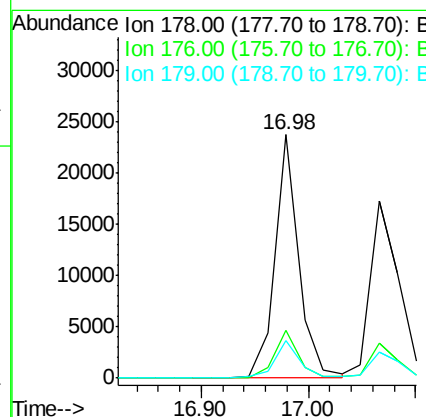
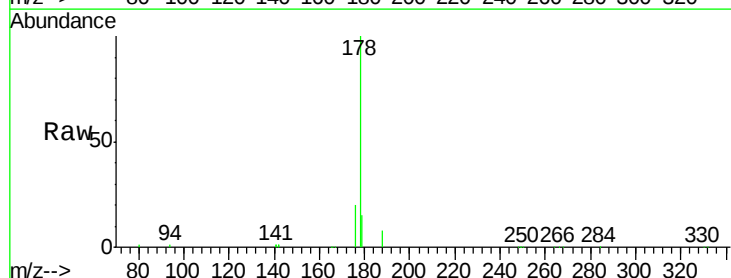
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

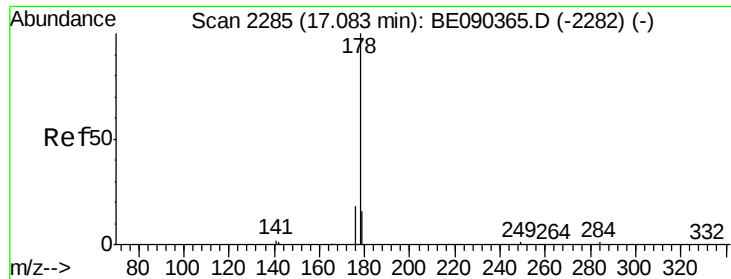
Tgt Ion: 266 Resp: 1204
 Ion Ratio Lower Upper
 266 100
 268 72.3 58.5 87.7
 264 66.7 56.0 84.0



#22
 Phenanthrene
 Concen: 0.99 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Tgt Ion: 178 Resp: 36213
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.5 18.7





#23

Anthracene

Concen: 1.08 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

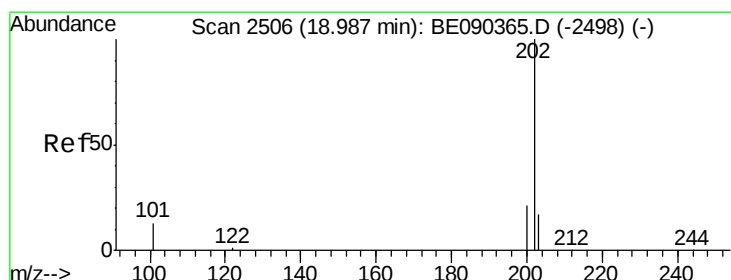
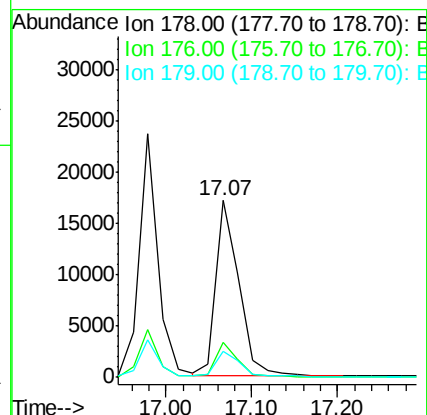
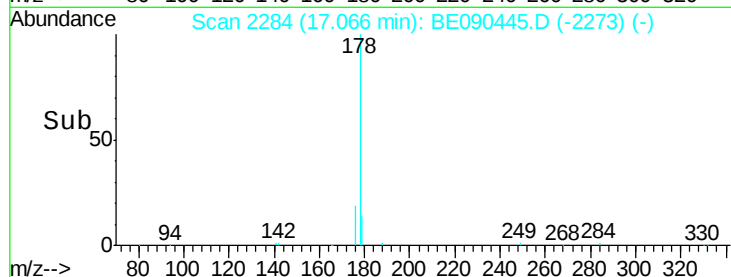
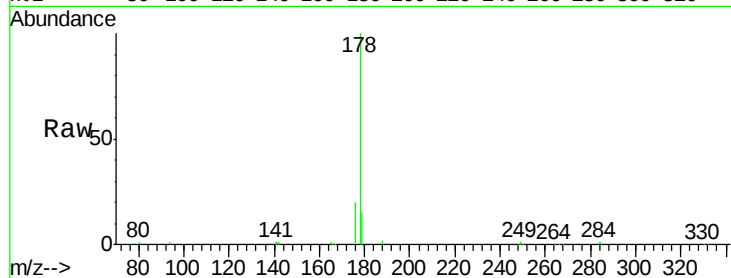
Tgt Ion:178 Resp: 32367

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.0 12.2 18.4



#24

Fluoranthene

Concen: 1.03 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

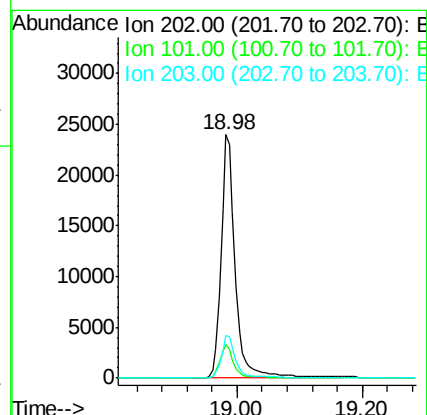
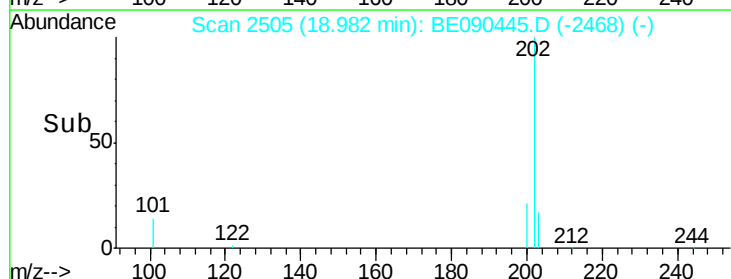
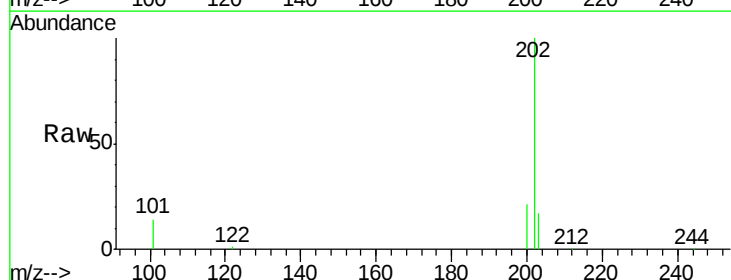
Tgt Ion:202 Resp: 37226

Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

203 17.3 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

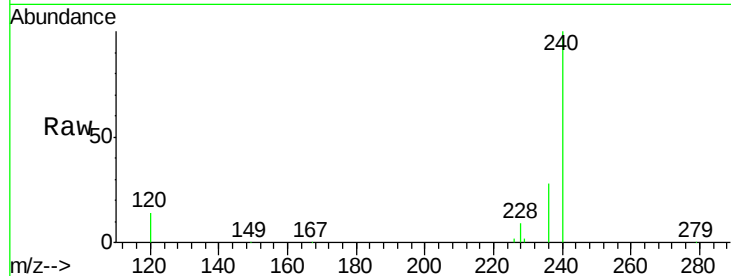
Tgt Ion:240 Resp: 163863

Ion Ratio Lower Upper

240 100

120 13.5 8.3 12.5#

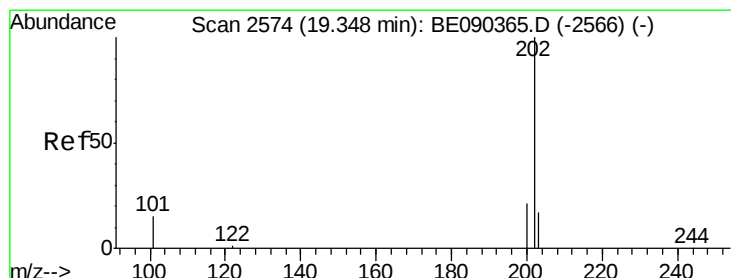
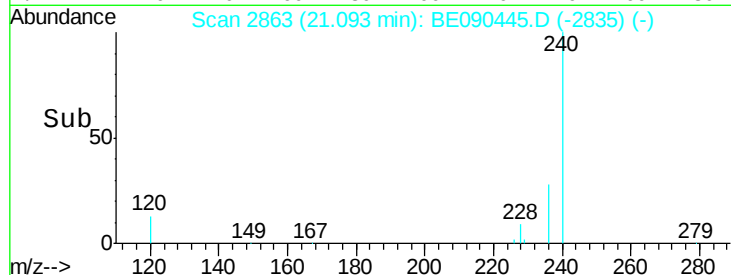
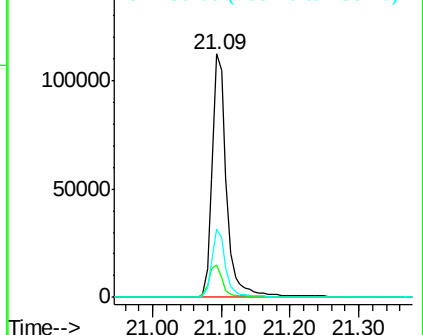
236 28.0 21.0 31.4



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: 19.35 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

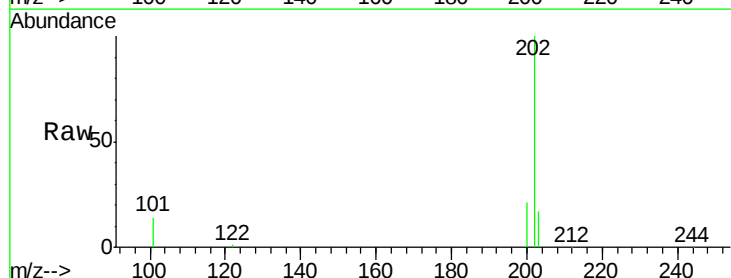
Tgt Ion:202 Resp: 38982

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

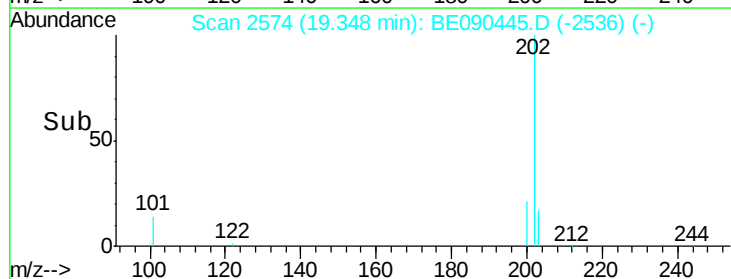
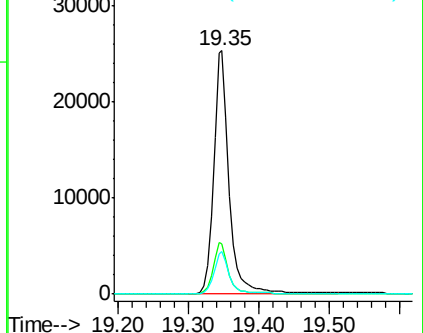
203 17.3 13.8 20.8



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

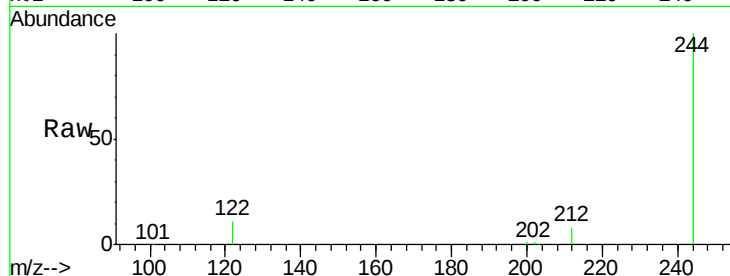




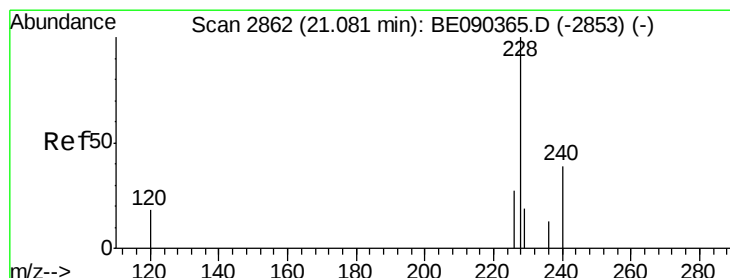
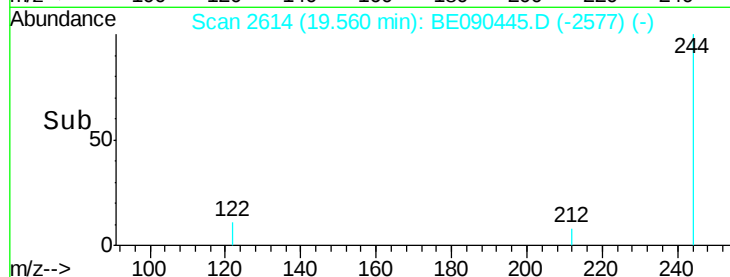
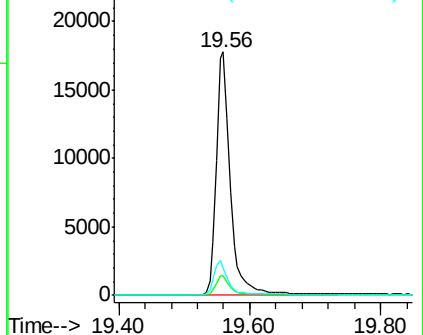
#27
 Terphenyl-d14
 Concen: 1.10 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 244 Resp: 26540
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 11.4 10.2 15.4

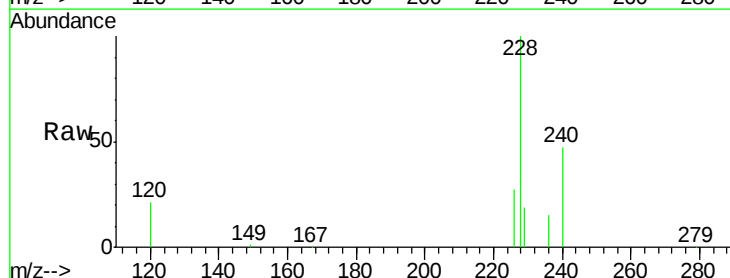


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

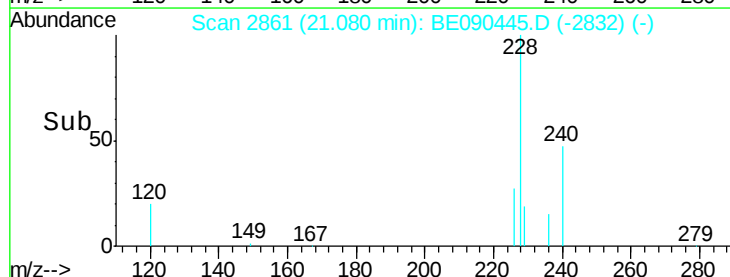
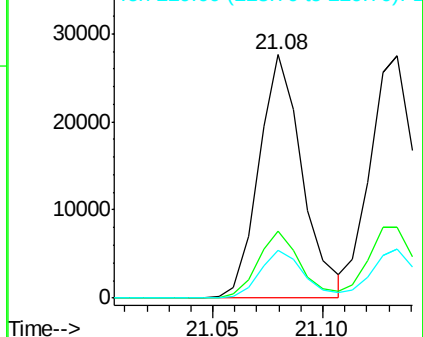


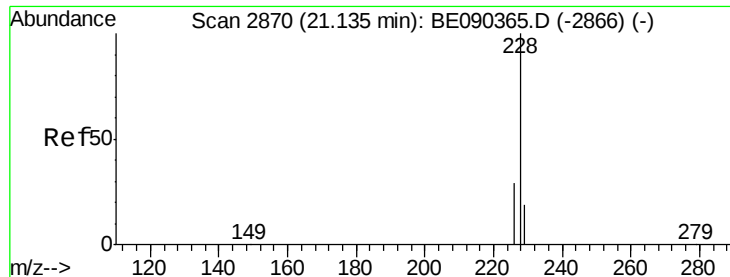
#28
 Benzo(a)anthracene
 Concen: 1.05 ng
 RT: 21.08 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BE090445.D
 Acq: 12 Aug 2015 1:37

Tgt Ion: 228 Resp: 38002
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.9 32.9
 229 19.4 15.4 23.0



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





#29

Chrysene

Concen: 0.98 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

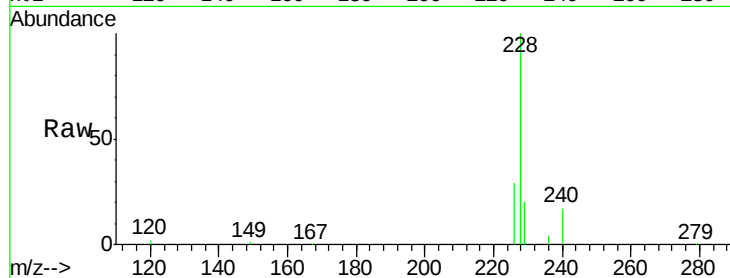
Tgt Ion:228 Resp: 43085

Ion Ratio Lower Upper

228 100

226 29.0 23.1 34.7

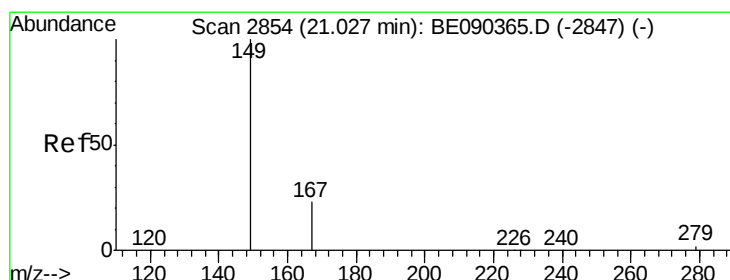
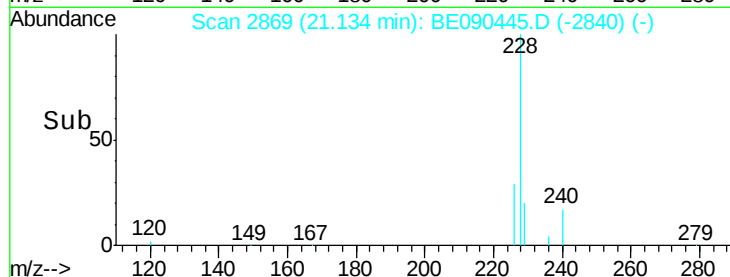
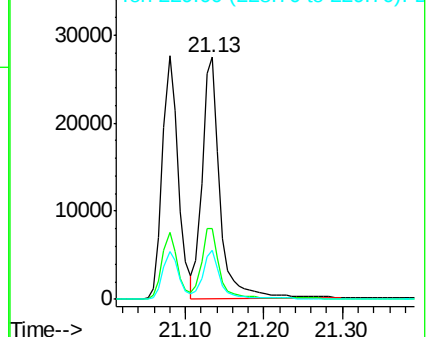
229 20.2 15.8 23.8



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: 1.11 ng

RT: 21.03 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

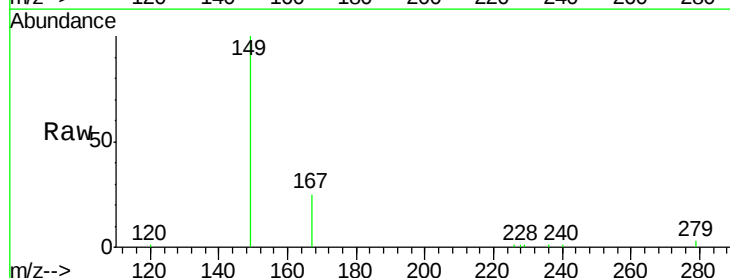
Tgt Ion:149 Resp: 9482

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

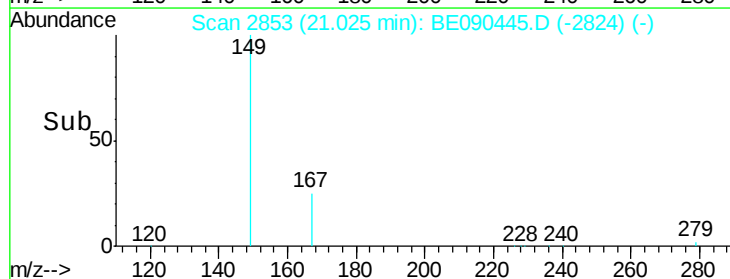
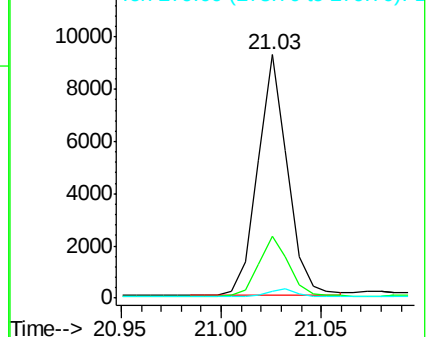
279 3.1 2.4 3.6

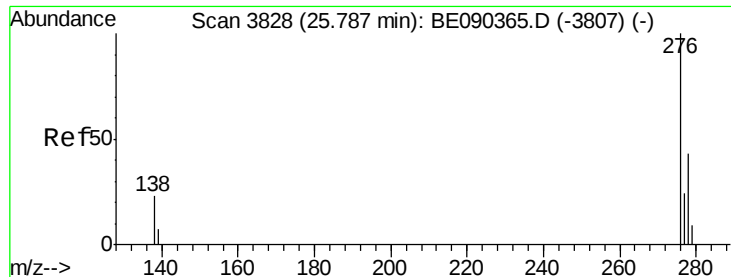


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.04 ng

RT: 25.79 min Scan# 3828

Delta R.T. -0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

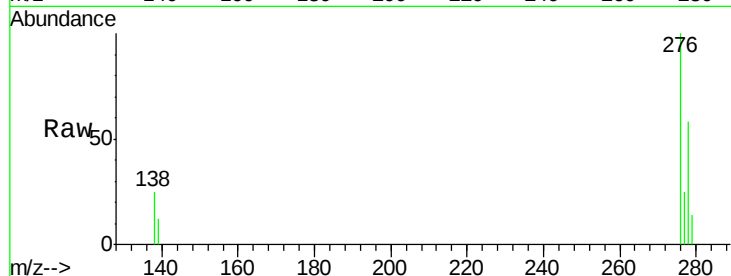
Tgt Ion:276 Resp: 32953

Ion Ratio Lower Upper

276 100

138 26.0 18.8 28.2

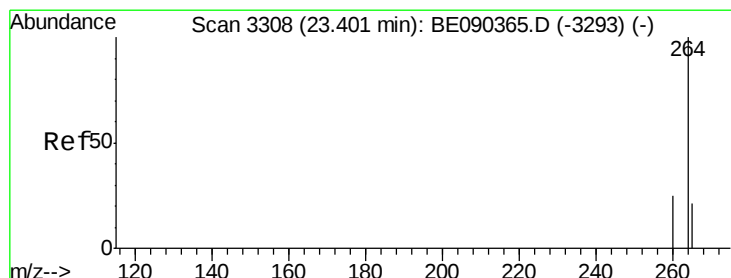
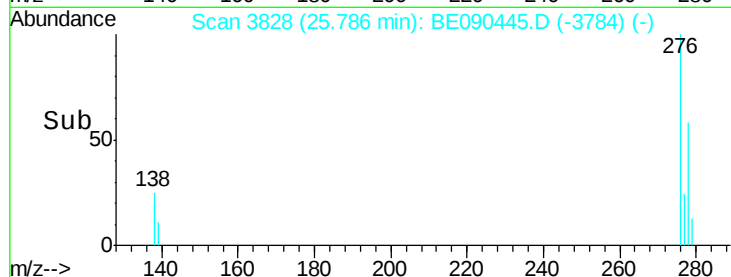
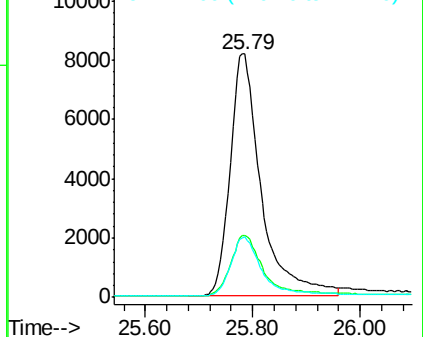
277 24.1 18.2 27.4



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: BE090445.D

Acq: 12 Aug 2015 1:37

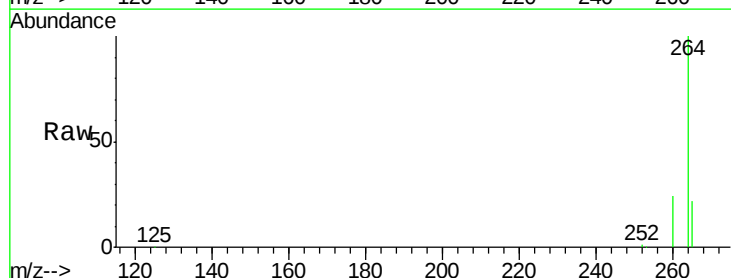
Tgt Ion:264 Resp: 144622

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

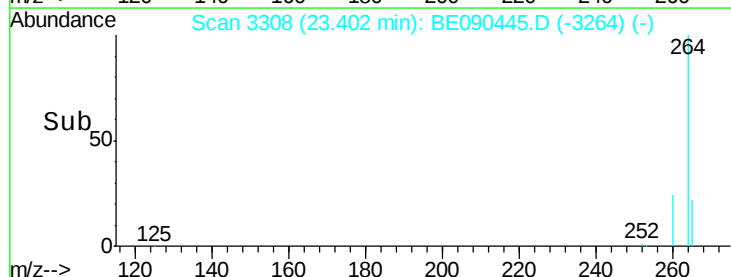
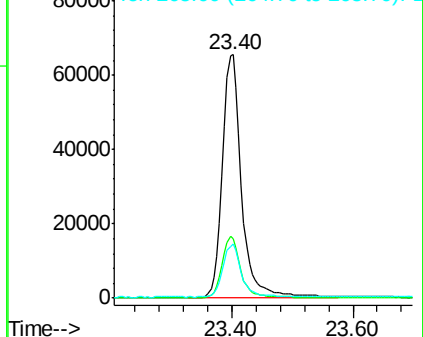
265 22.0 17.2 25.8



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: 1.07 ng

RT: 22.70 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

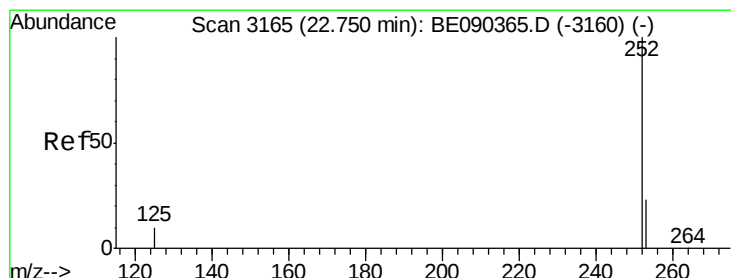
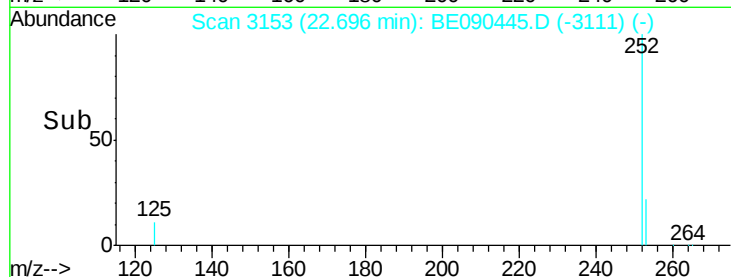
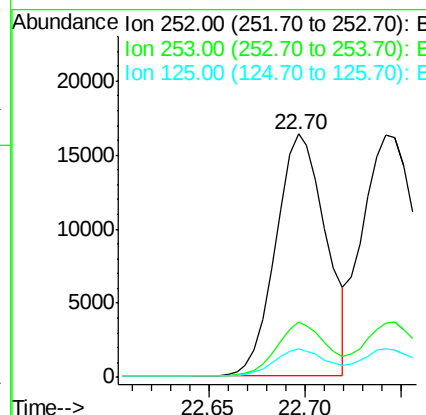
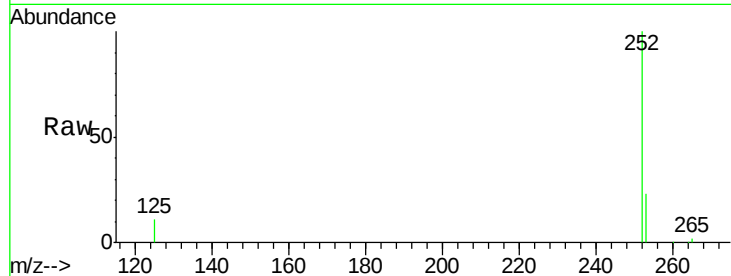
BNA_E

ClientSampleId :

SSTDCCC001

Tgt Ion:252 Resp: 29663

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.5	9.4	14.2



#34

Benzo(k)fluoranthene

Concen: 0.92 ng

RT: 22.74 min Scan# 3163

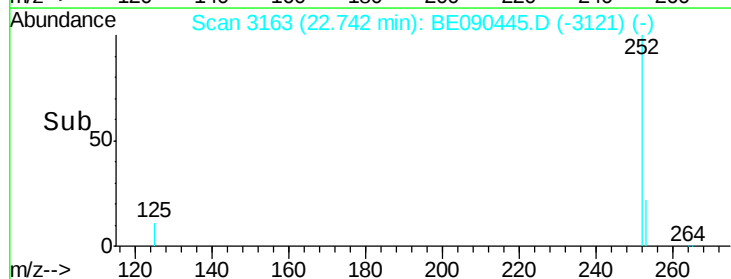
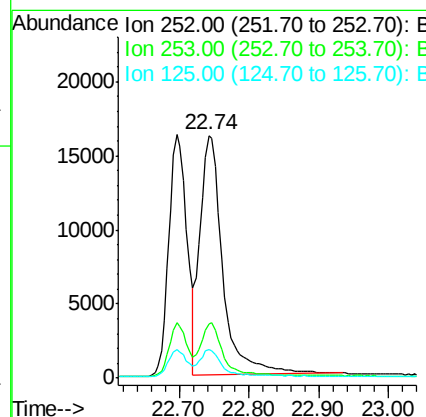
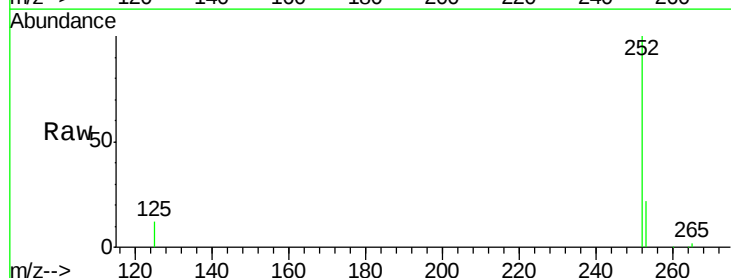
Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Tgt Ion:252 Resp: 36859

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.7	9.1	13.7





#35

Benzo(a)pyrene

Concen: 1.04 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

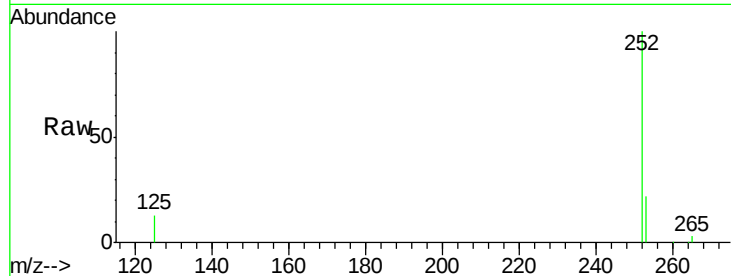
Tgt Ion: 252 Resp: 26209

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

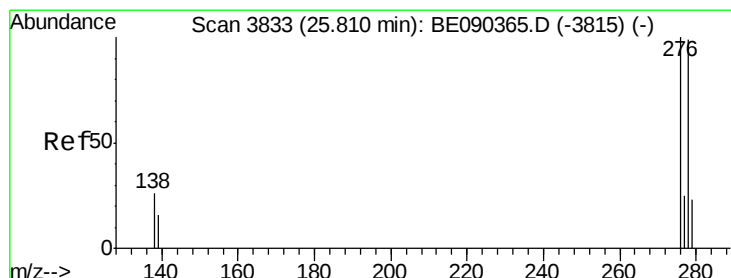
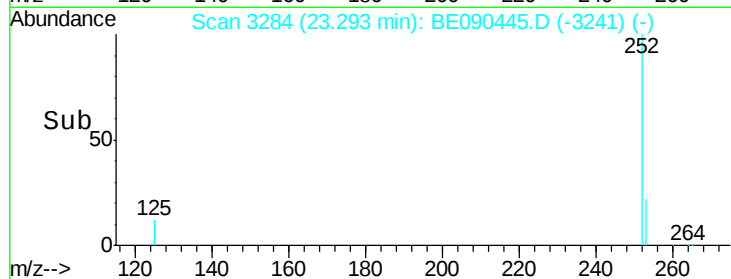
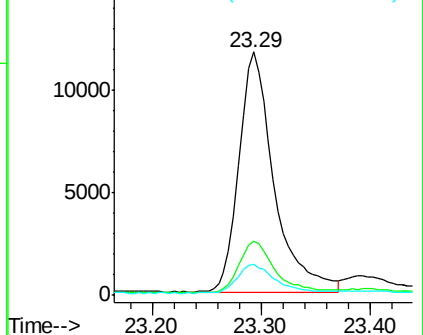
125 13.0 9.8 14.6



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: 1.06 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BE090445.D

Acq: 12 Aug 2015 1:37

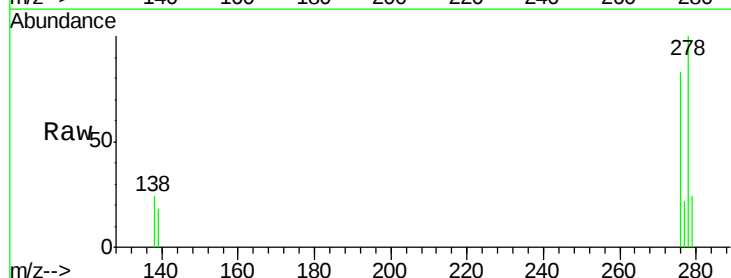
Tgt Ion: 278 Resp: 24949

Ion Ratio Lower Upper

278 100

139 17.7 14.2 21.4

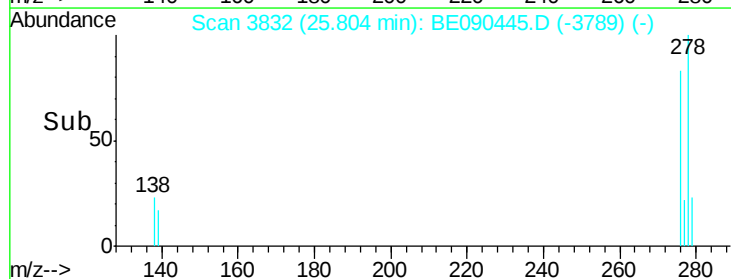
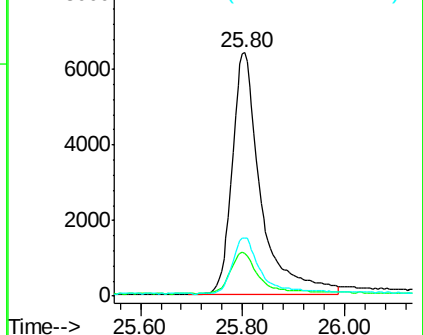
279 24.0 20.1 30.1

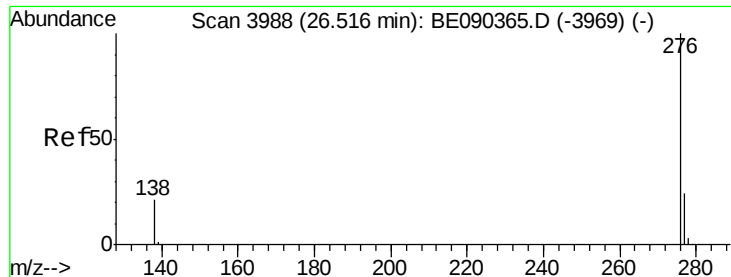


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.06 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

Lab File: BE090445.D

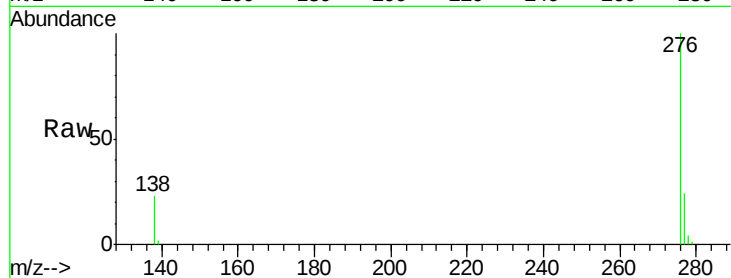
Acq: 12 Aug 2015 1:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



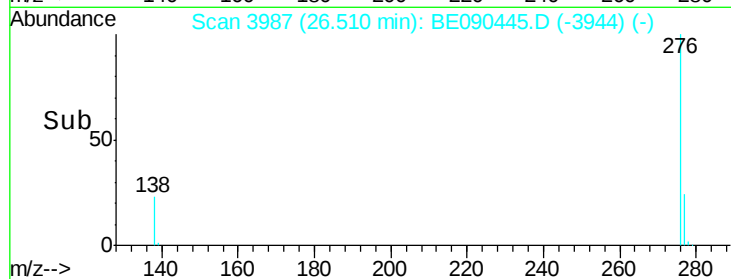
Tgt Ion: 276 Resp: 28321

Ion Ratio Lower Upper

276 100

277 24.4 20.1 30.1

138 23.5 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

