

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
 Data File : BE090747.D
 Acq On : 8 Sep 2015 9:48
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Sep 08 23:03:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	62209	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	293772	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	159415	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	381055	5.00	ng	0.00
25) Chrysene-d12	21.07	240	497130	5.00	ng	0.00
32) Perylene-d12	23.36	264	473650	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.19	112	12483	1.05	ng	0.00
5) Phenol-d6	6.75	99	19652	1.13	ng	0.00
7) Nitrobenzene-d5	8.70	82	20202	1.04	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	4579	1.12	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	43565	0.99	ng	0.00
27) Terphenyl-d14	19.53	244	60911	1.11	ng	0.00

Target Compounds

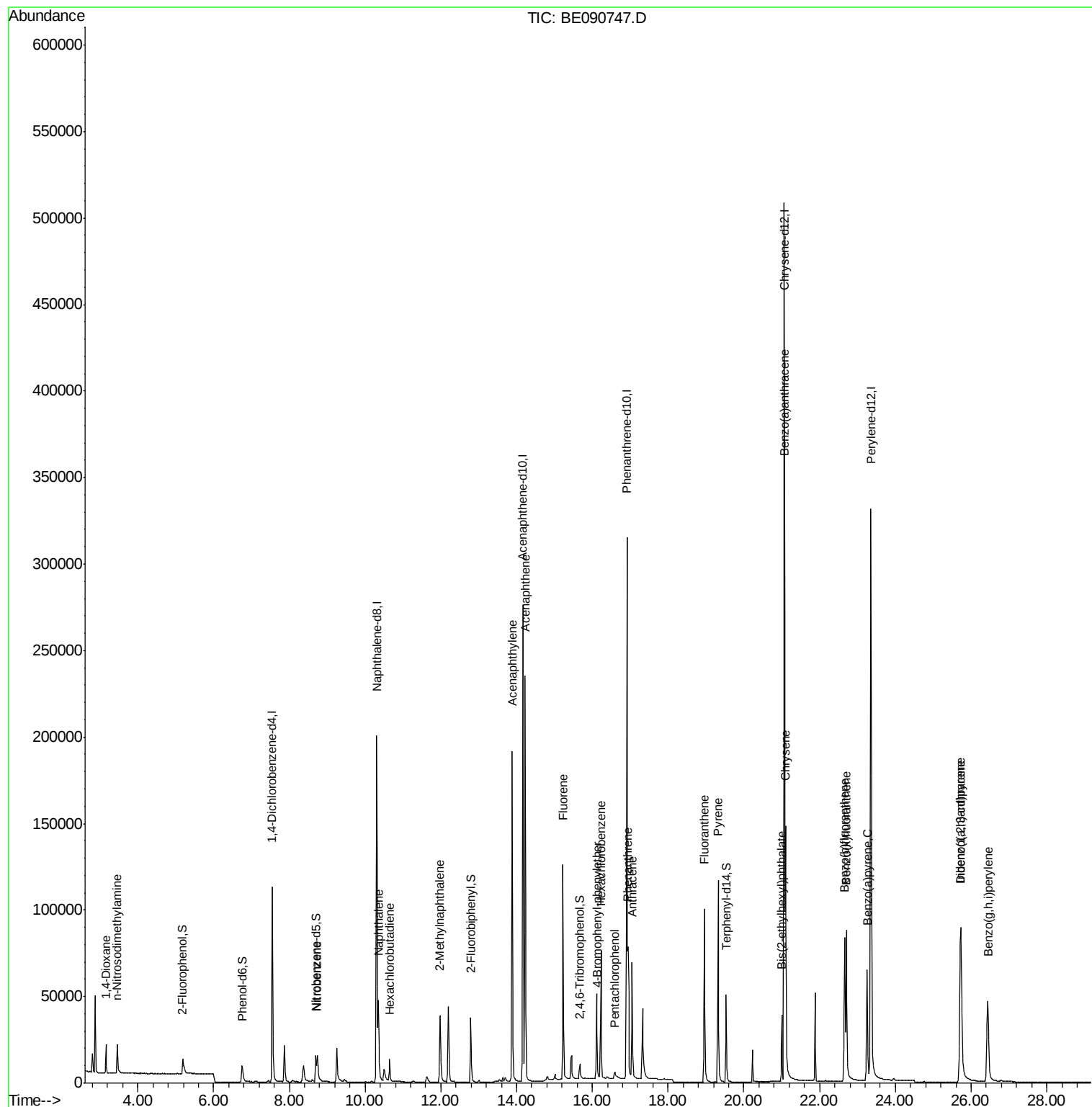
						Qvalue
2) 1,4-Dioxane	3.15	88	8826	0.95	ng	97
3) n-Nitrosodimethylamine	3.45	42	11198	0.95	ng	89
8) Nitrobenzene	8.74	77	22253	1.02	ng	98
9) Naphthalene	10.35	128	64086	1.00	ng	100
10) Hexachlorobutadiene	10.65	225	9397	0.94	ng	100
11) 2-Methylnaphthalene	11.98	142	39436	1.14	ng	98
15) Acenaphthylene	13.88	152	268776	1.05	ng	100
16) Acenaphthene	14.23	154	42848	1.01	ng	91
17) Fluorene	15.22	166	54416	1.02	ng	97
19) 4-Bromophenyl-phenylether	16.13	248	13706	1.06	ng	95
20) Hexachlorobenzene	16.23	284	67757	0.99	ng	99
21) Pentachlorophenol	16.60	266	4073	1.19	ng	94
22) Phenanthrene	16.94	178	97761	1.04	ng	99
23) Anthracene	17.05	178	88210	1.12	ng	99
24) Fluoranthene	18.96	202	109427	1.10	ng	99
26) Pyrene	19.32	202	119501	1.16	ng	100
28) Benzo(a)anthracene	21.05	228	120890	1.10	ng	99
29) Chrysene	21.11	228	132923	1.10	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	33521	1.16	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	137877	1.17	ng	99
33) Benzo(b)fluoranthene	22.66	252	106900	1.04	ng	99
34) Benzo(k)fluoranthene	22.71	252	127756	1.07	ng	99
35) Benzo(a)pyrene	23.25	252	102391	1.11	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	108072	1.08	ng	99
37) Benzo(g,h,i)perylene	26.44	276	112685	1.07	ng	100

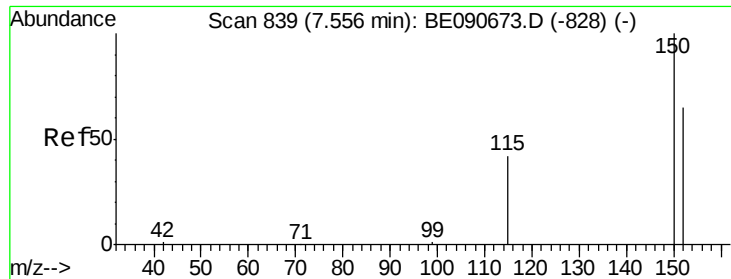
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

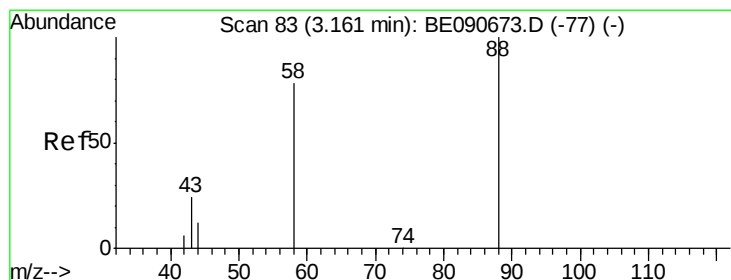
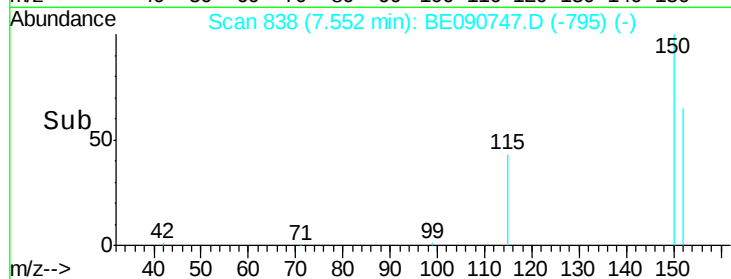
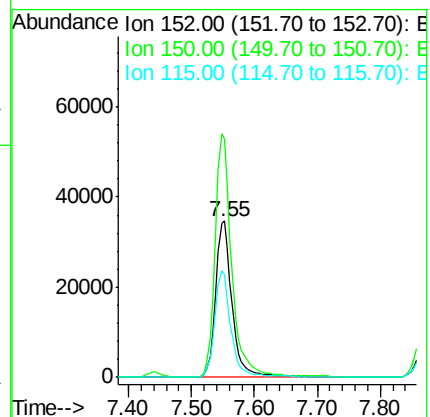
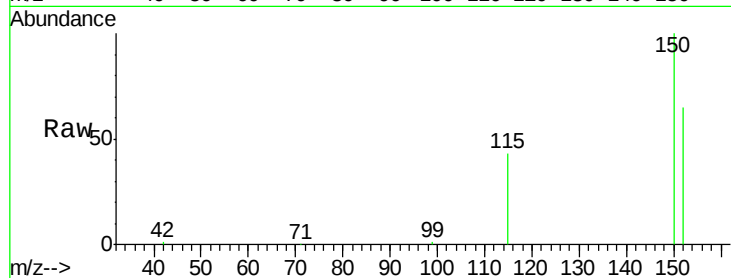
Tgt Ion:152 Resp: 62209

Ion Ratio Lower Upper

152 100

150 153.2 122.2 183.4

115 65.6 51.0 76.4



#2

1,4-Dioxane

Concen: 0.95 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

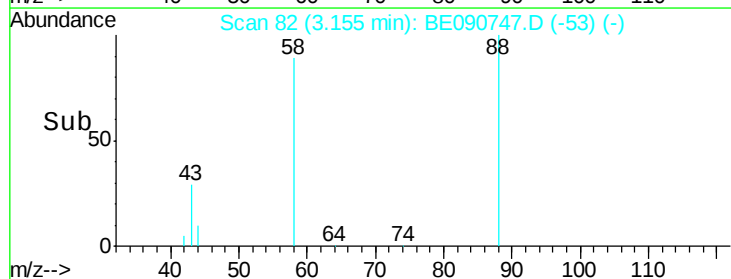
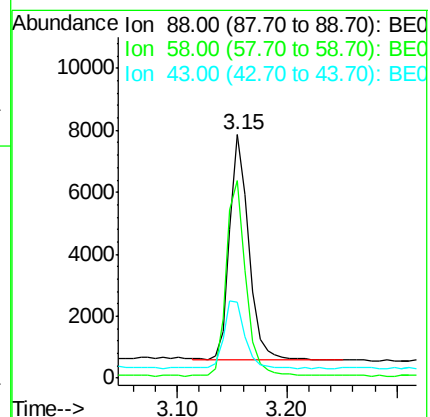
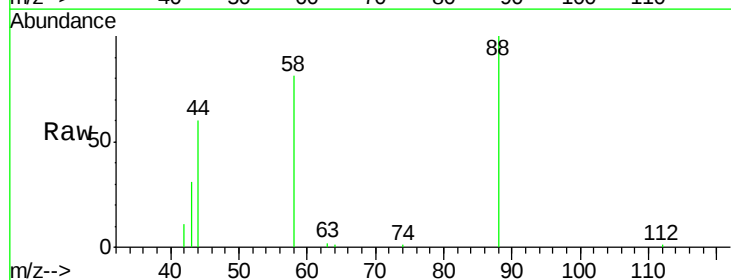
Tgt Ion: 88 Resp: 8826

Ion Ratio Lower Upper

88 100

58 88.3 68.4 102.6

43 34.3 26.9 40.3





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

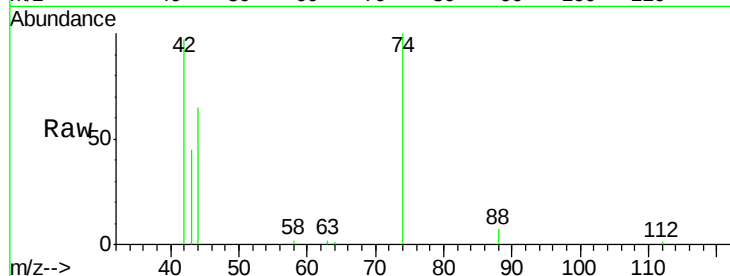
Tgt Ion: 42 Resp: 11198

Ion Ratio Lower Upper

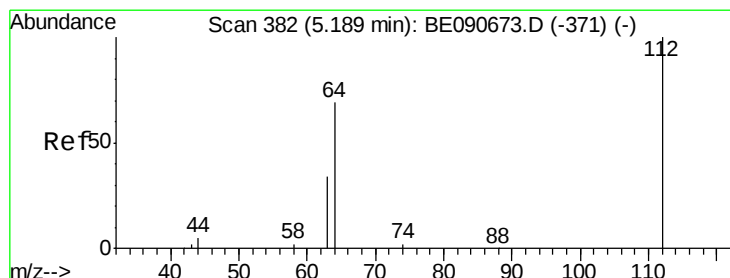
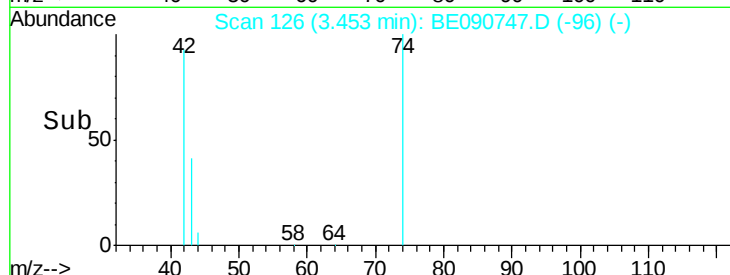
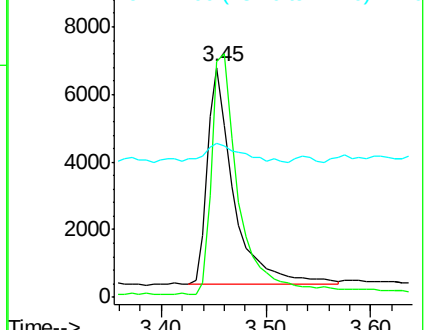
42 100

74 117.6 83.7 125.5

44 12.3 10.0 15.0



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: 1.05 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

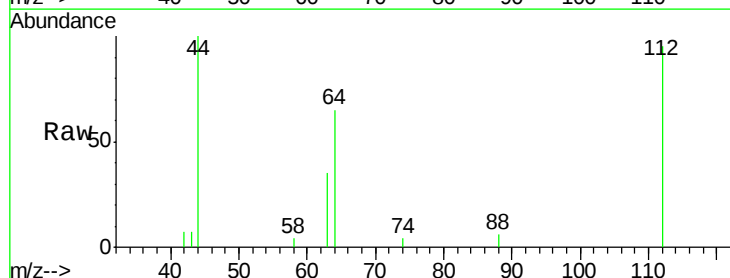
Tgt Ion: 112 Resp: 12483

Ion Ratio Lower Upper

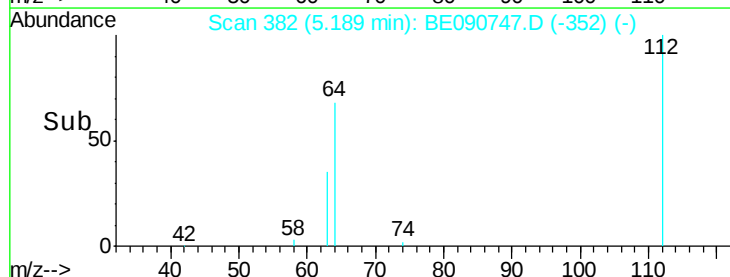
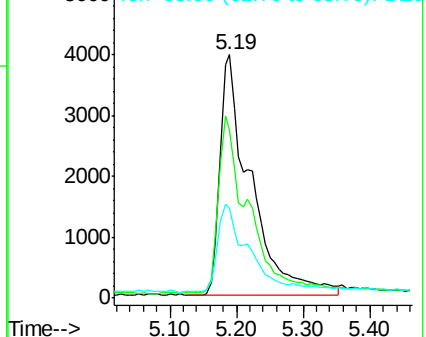
112 100

64 73.1 57.3 85.9

63 37.5 29.2 43.8



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: 1.13 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

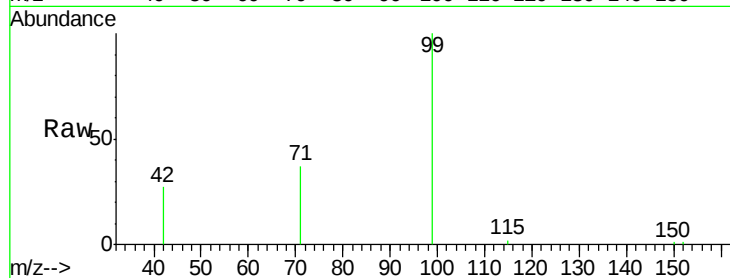
Tgt Ion: 99 Resp: 19652

Ion Ratio Lower Upper

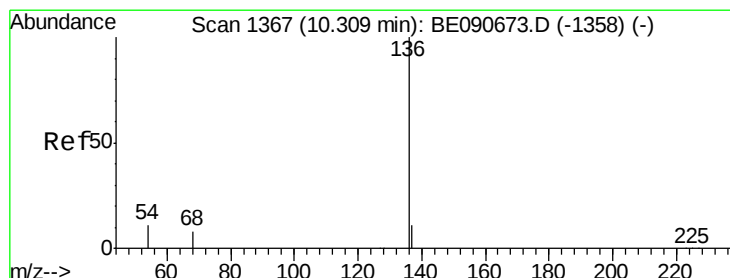
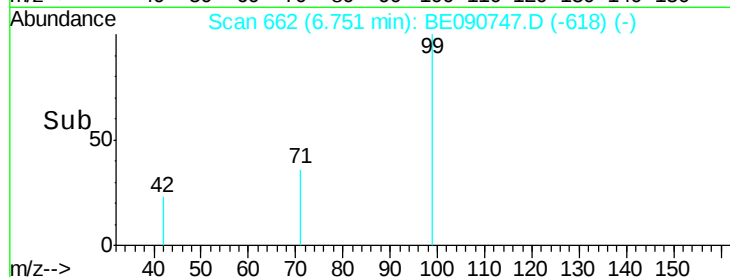
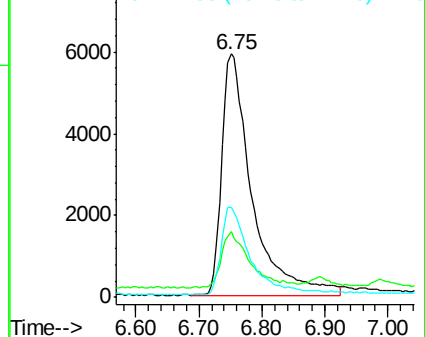
99 100

42 21.9 16.8 25.2

71 34.6 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Tgt Ion: 136 Resp: 293772

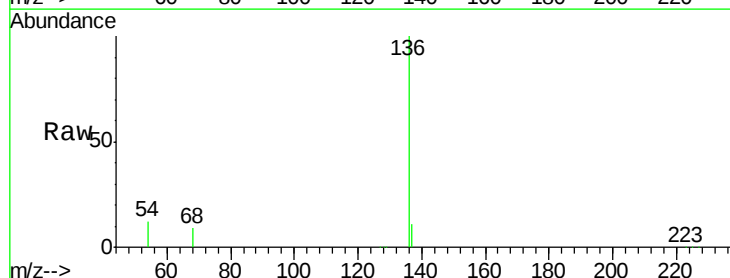
Ion Ratio Lower Upper

136 100

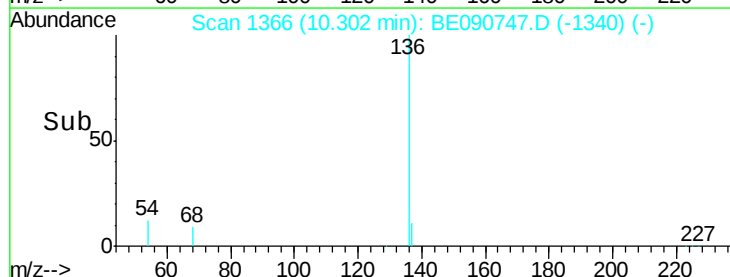
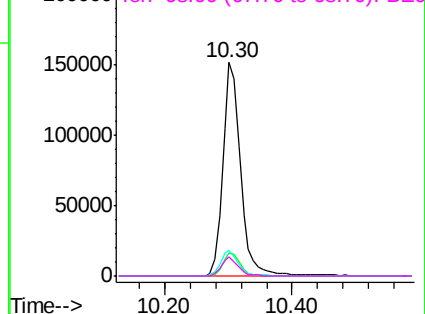
137 10.9 8.7 13.1

54 12.1 9.0 13.6

68 8.7 6.3 9.5



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: 1.04 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

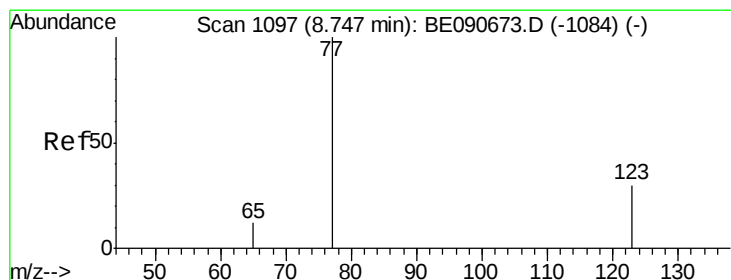
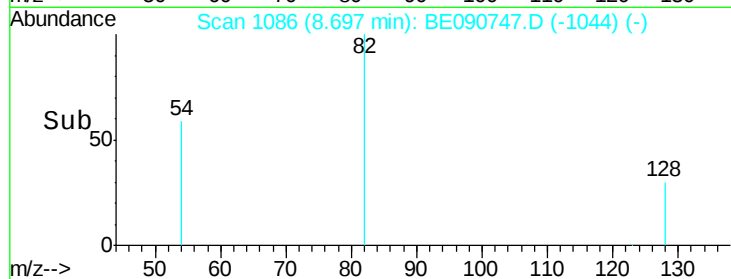
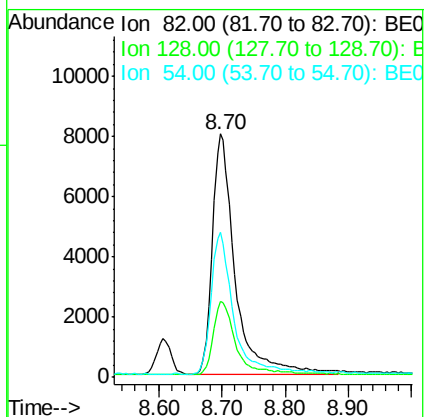
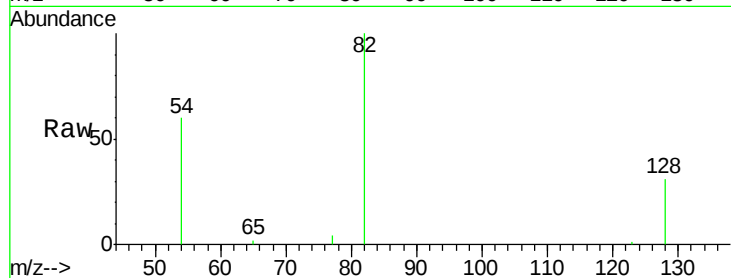
Tgt Ion: 82 Resp: 20202

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.4

54 59.7 46.3 69.5



#8

Nitrobenzene

Concen: 1.02 ng

RT: 8.74 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

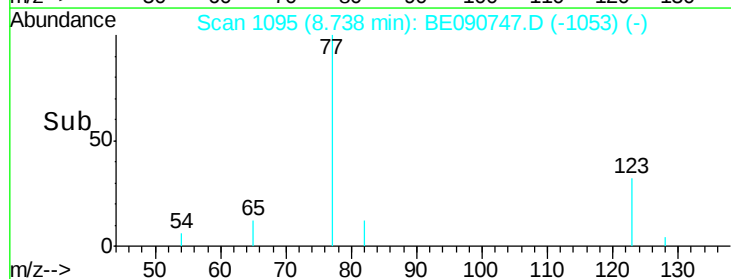
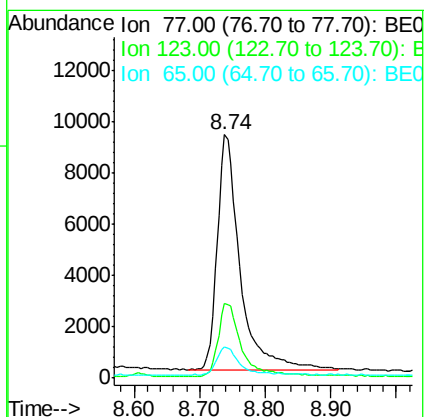
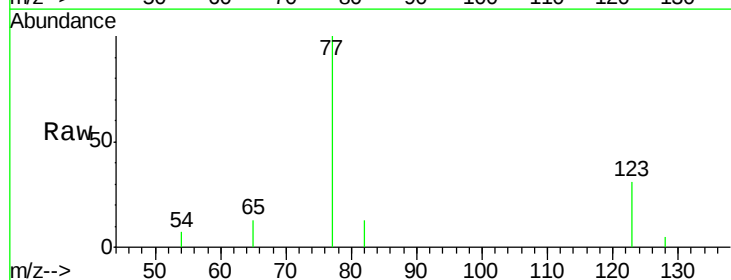
Tgt Ion: 77 Resp: 22253

Ion Ratio Lower Upper

77 100

123 32.7 25.1 37.7

65 11.6 9.9 14.9





#9

Naphthalene

Concen: 1.00 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

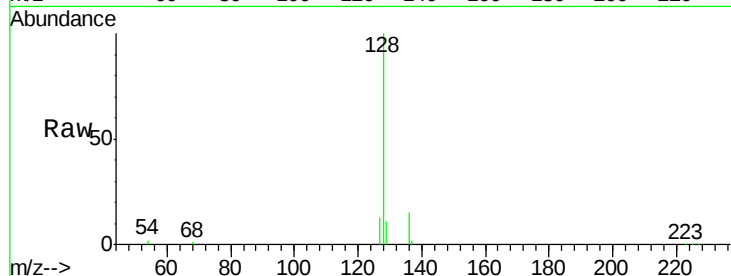
Tgt Ion:128 Resp: 64086

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

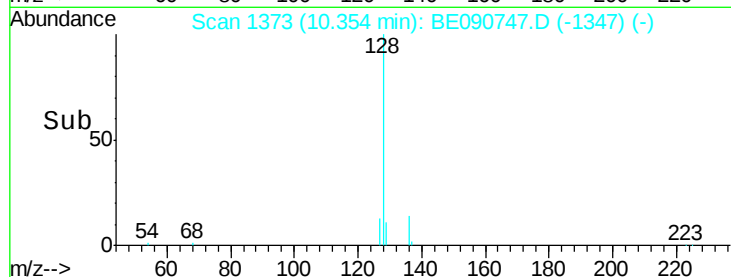
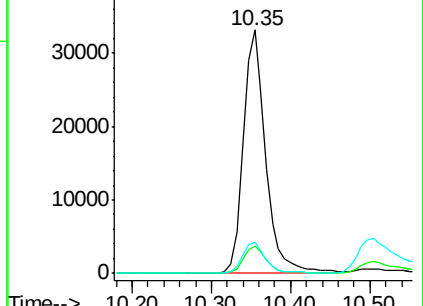
127 13.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.94 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

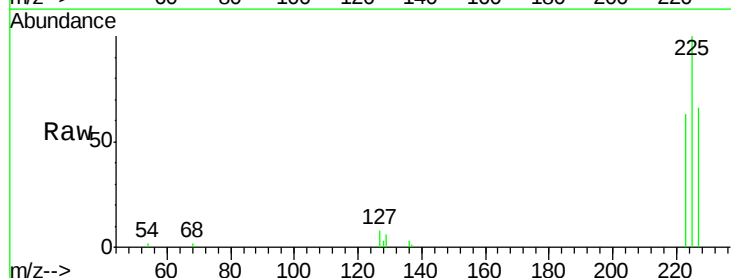
Tgt Ion:225 Resp: 9397

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

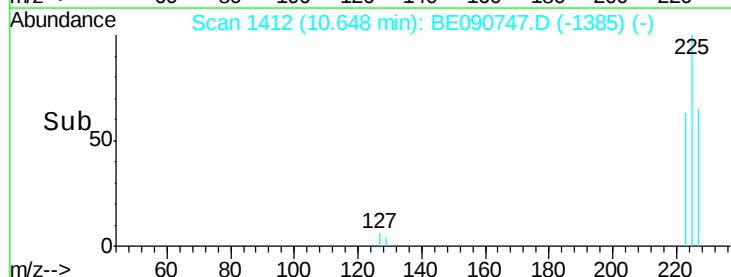
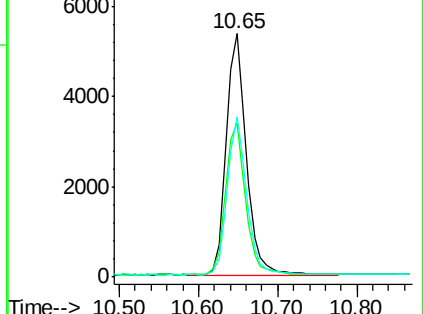
227 63.4 51.0 76.6



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: 1.14 ng

RT: 11.98 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

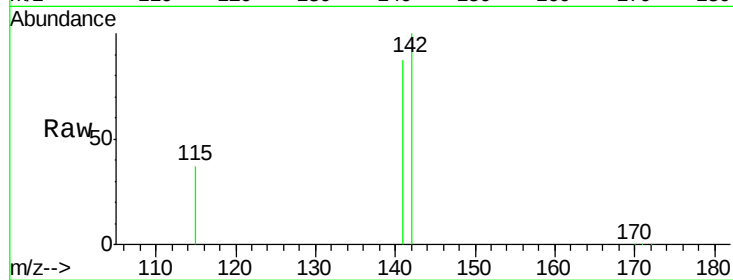
Tgt Ion:142 Resp: 39436

Ion Ratio Lower Upper

142 100

141 87.5 71.4 107.2

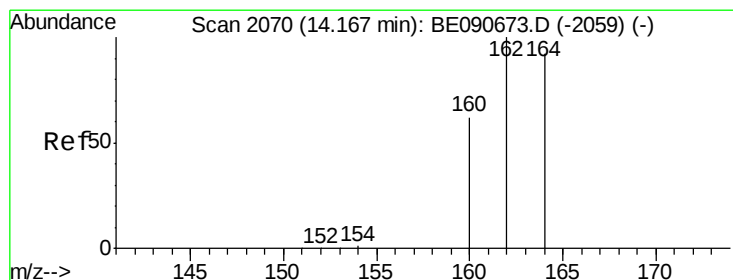
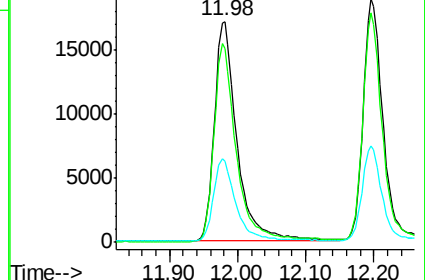
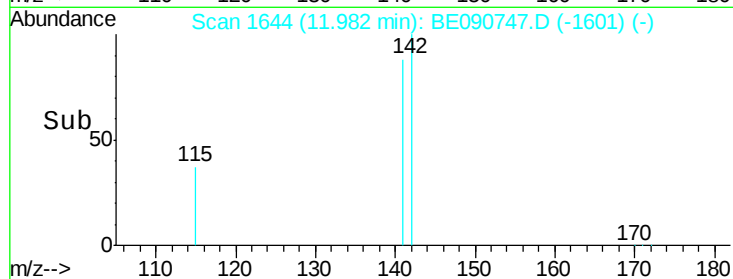
115 36.7 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

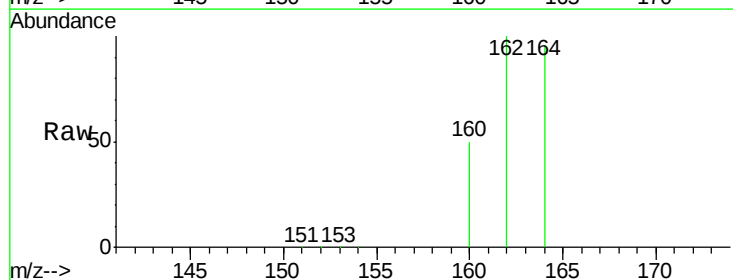
Tgt Ion:164 Resp: 159415

Ion Ratio Lower Upper

164 100

162 103.7 86.8 130.2

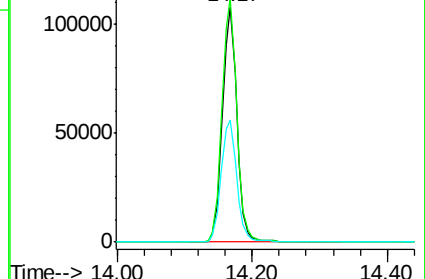
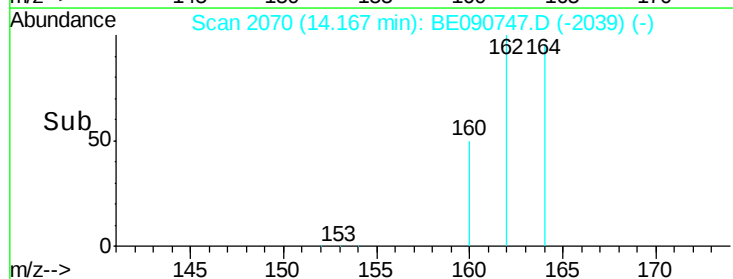
160 51.9 53.9 80.9#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

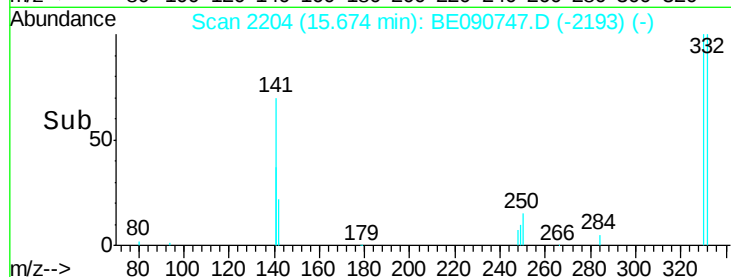
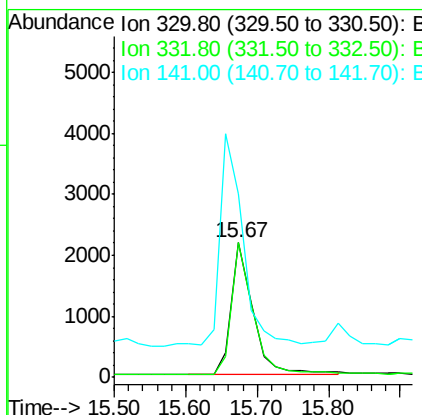
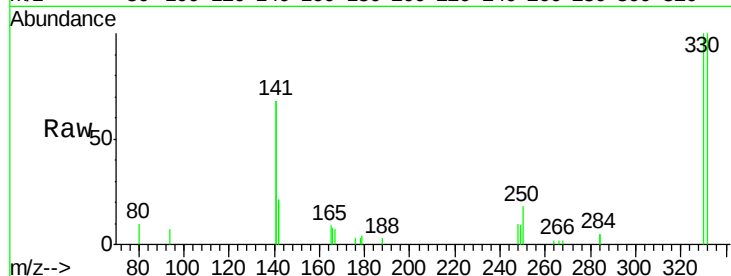




#13
 2,4,6-Tribromophenol
 Concen: 1.12 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090747.D
 Acq: 8 Sep 2015 9:48

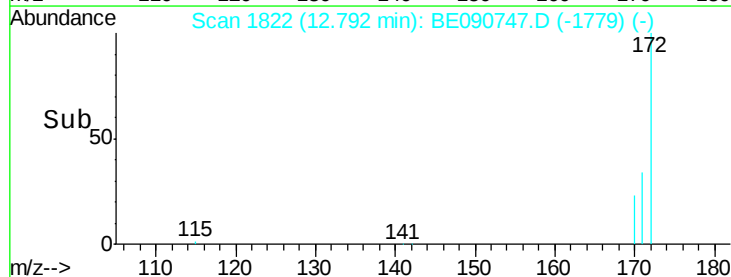
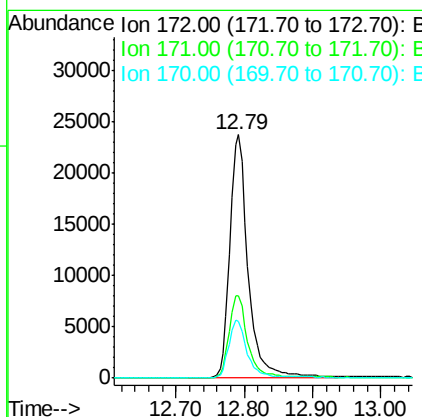
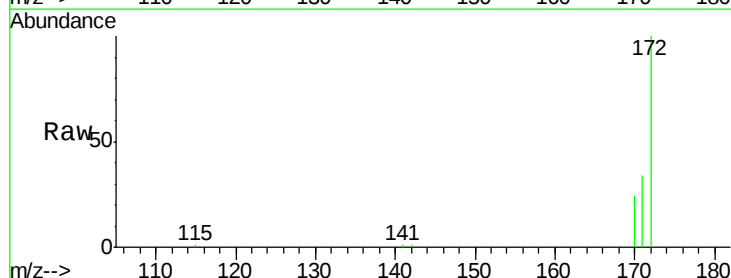
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC001

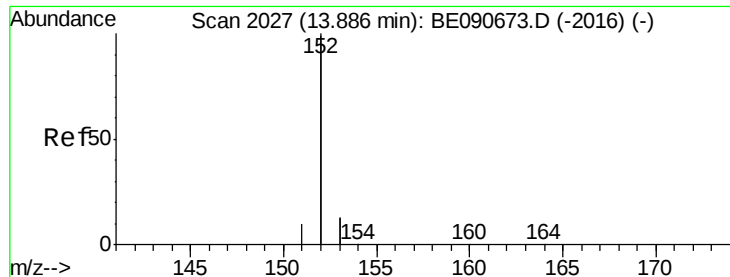
Tgt Ion: 330 Resp: 4579
 Ion Ratio Lower Upper
 330 100
 332 97.8 74.9 112.3
 141 171.5 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BE090747.D
 Acq: 8 Sep 2015 9:48

Tgt Ion: 172 Resp: 43565
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.8 41.8
 170 23.5 19.8 29.6





#15

Acenaphthylene

Concen: 1.05 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

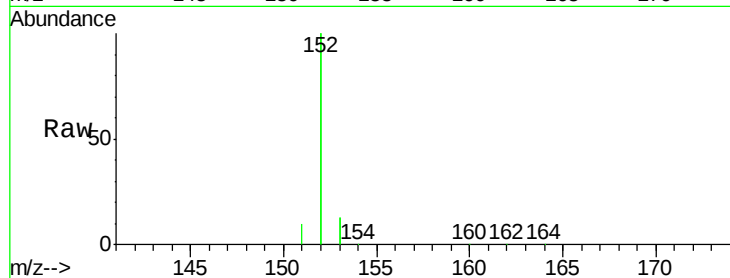
Tgt Ion:152 Resp: 268776

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

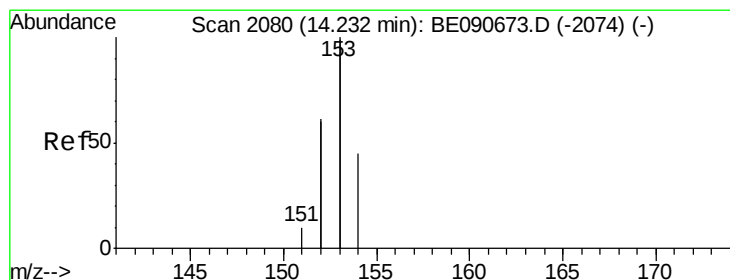
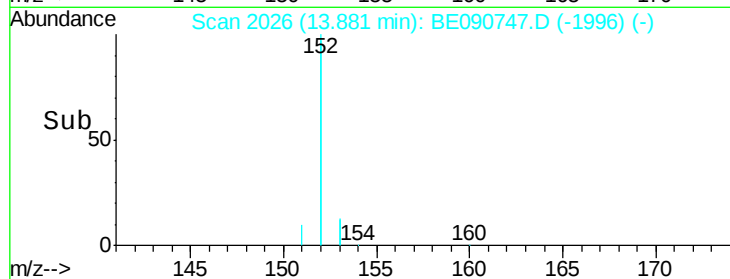
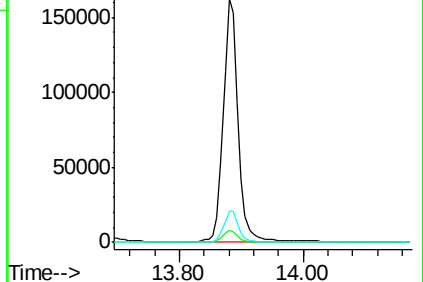
153 12.9 10.3 15.5



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: 14.23 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

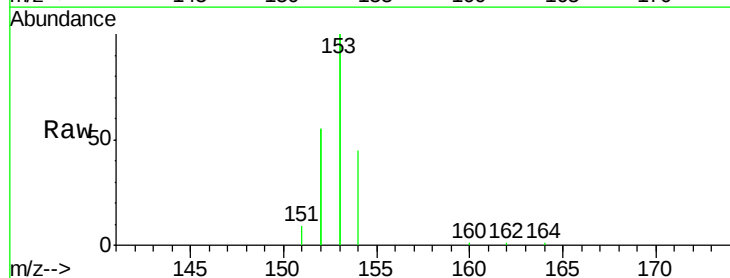
Tgt Ion:154 Resp: 42848

Ion Ratio Lower Upper

154 100

153 440.9 354.5 531.7

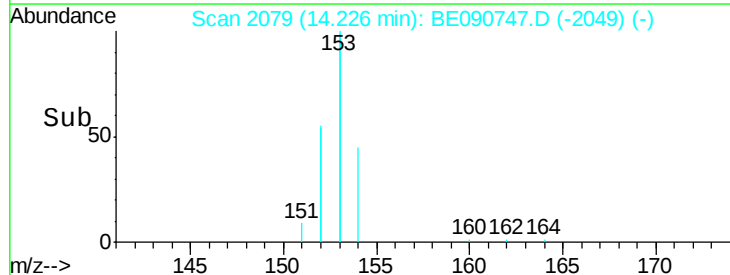
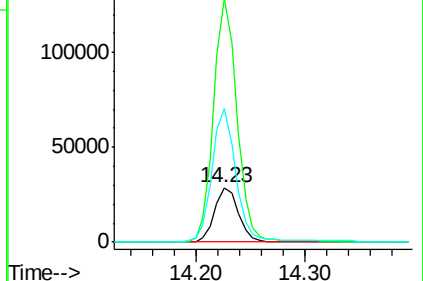
152 244.0 227.8 341.6

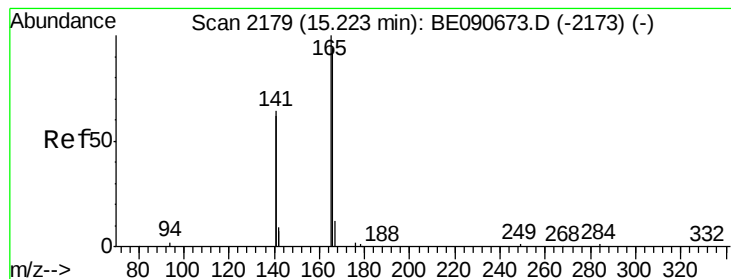


Abundance Ion 154.00 (153.70 to 154.70): E

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: 15.22 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

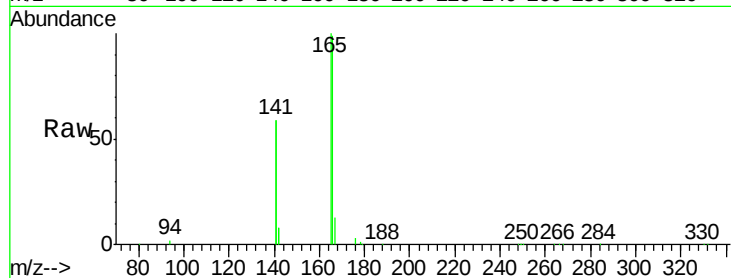
Tgt Ion:166 Resp: 54416

Ion Ratio Lower Upper

166 100

165 100.6 82.7 124.1

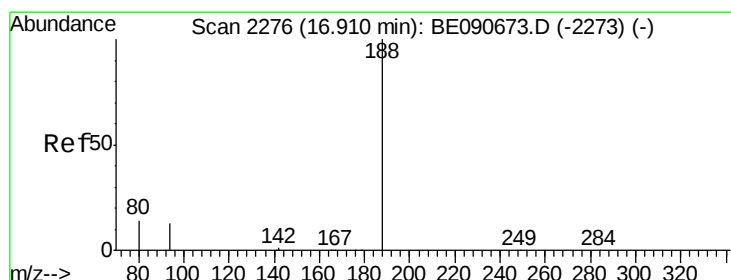
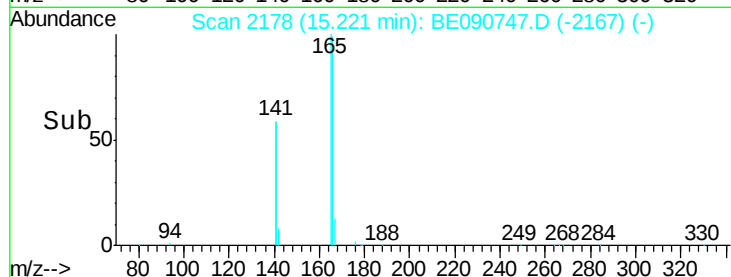
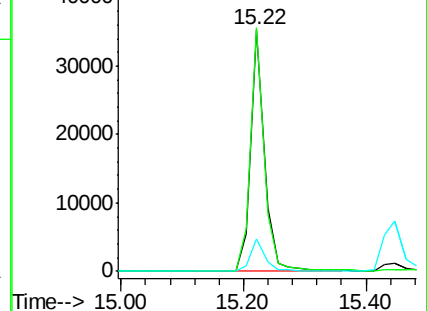
167 13.7 10.7 16.1



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: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

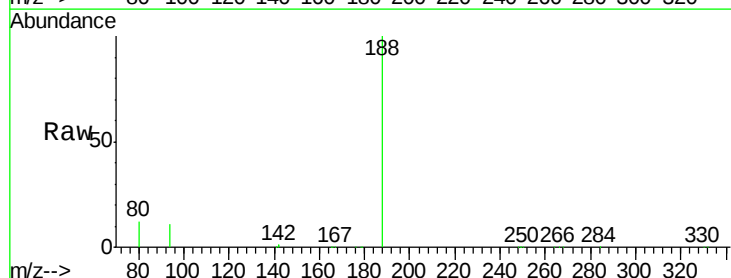
Tgt Ion:188 Resp: 381055

Ion Ratio Lower Upper

188 100

94 11.1 10.3 15.5

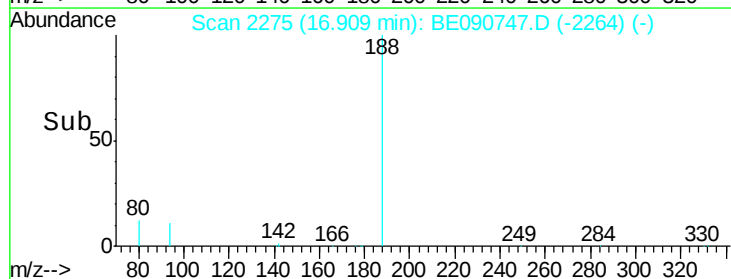
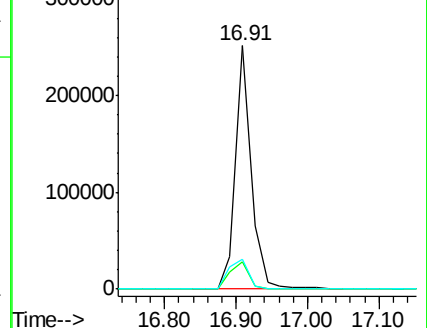
80 12.1 11.0 16.6



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: 1.06 ng

RT: 16.13 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

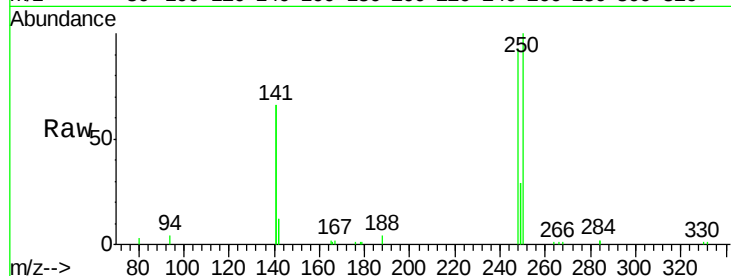
Tgt Ion:248 Resp: 13706

Ion Ratio Lower Upper

248 100

250 93.8 76.7 115.1

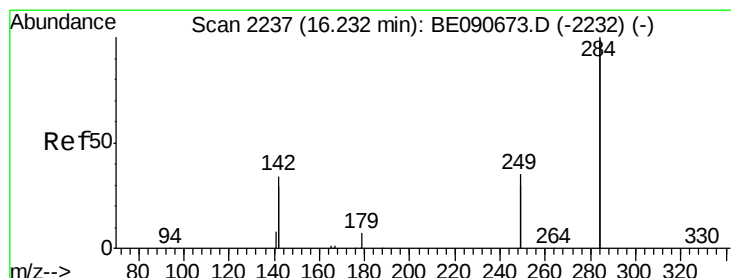
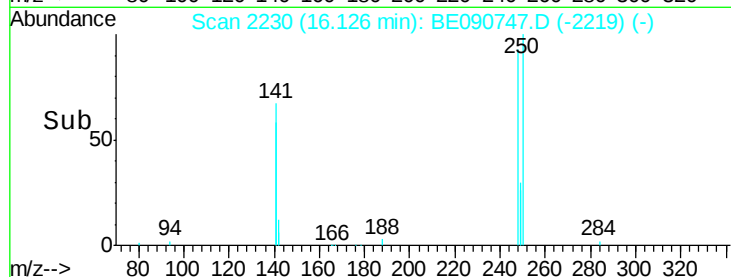
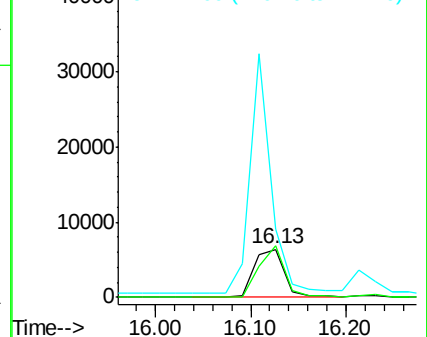
141 353.1 292.6 439.0



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: 0.99 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

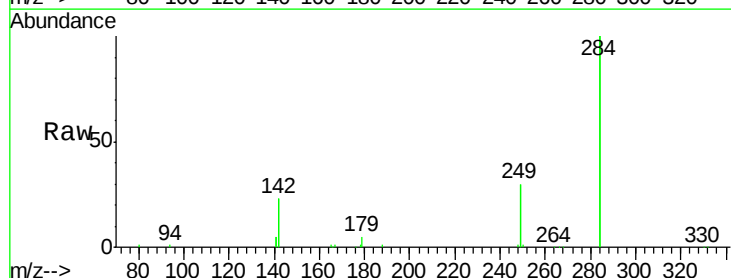
Tgt Ion:284 Resp: 67757

Ion Ratio Lower Upper

284 100

142 42.2 35.0 52.4

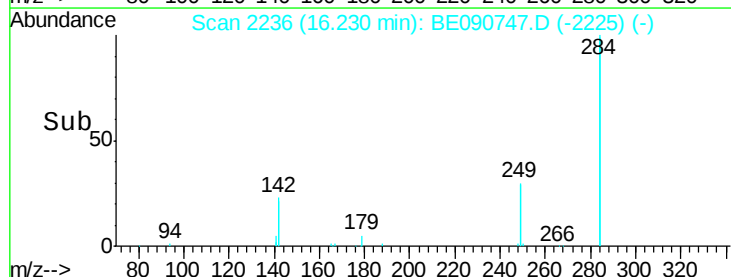
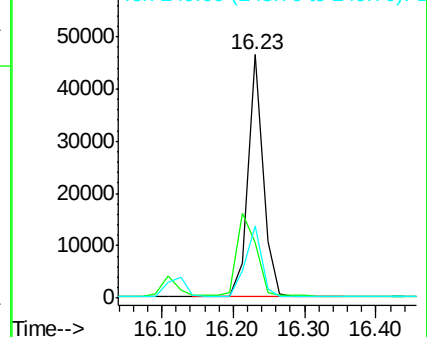
249 31.7 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

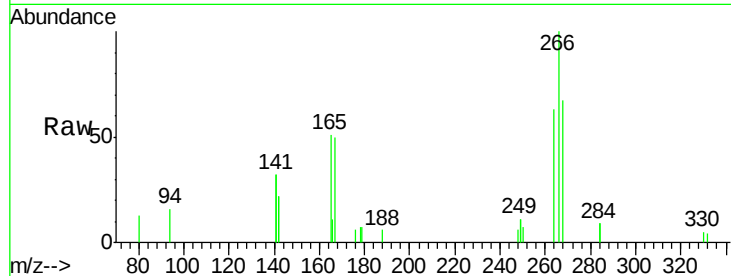




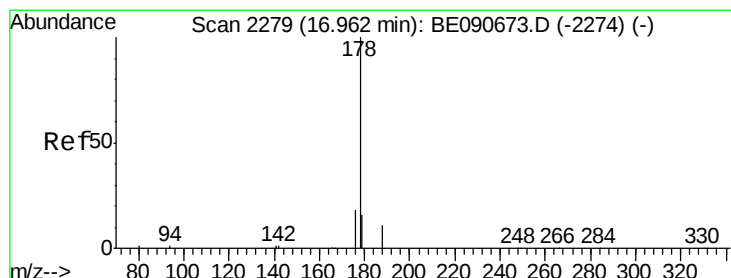
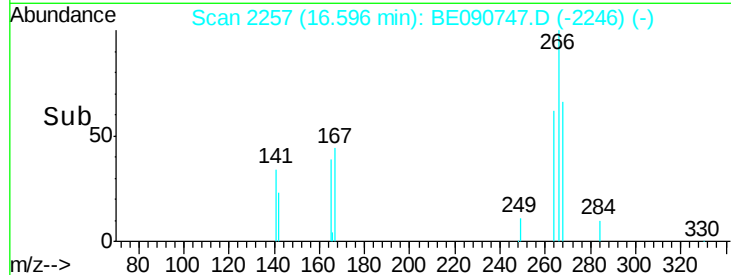
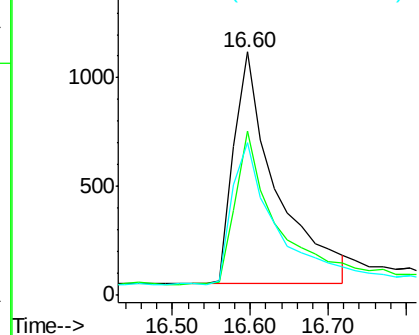
#21
 Pentachlorophenol
 Concen: 1.19 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BE090747.D
 Acq: 8 Sep 2015 9:48

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 266 Resp: 4073
 Ion Ratio Lower Upper
 266 100
 268 67.2 49.6 74.4
 264 62.7 53.9 80.9

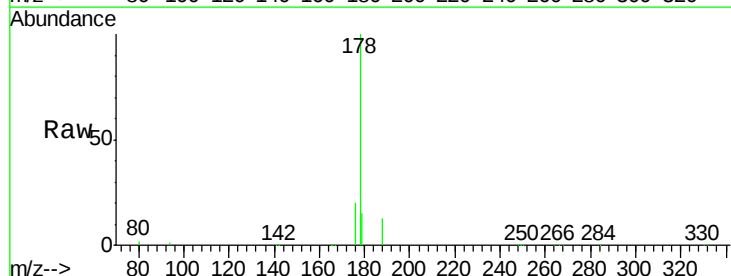


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

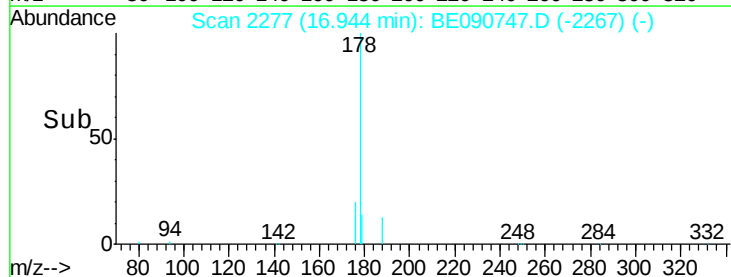
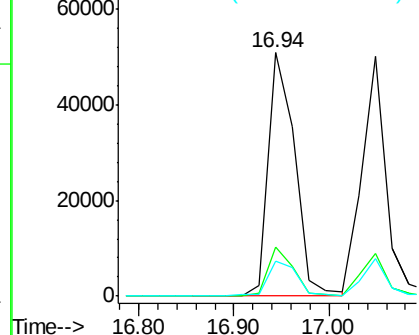


#22
 Phenanthrene
 Concen: 1.04 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090747.D
 Acq: 8 Sep 2015 9:48

Tgt Ion: 178 Resp: 97761
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.4 12.8 19.2



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: 1.12 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

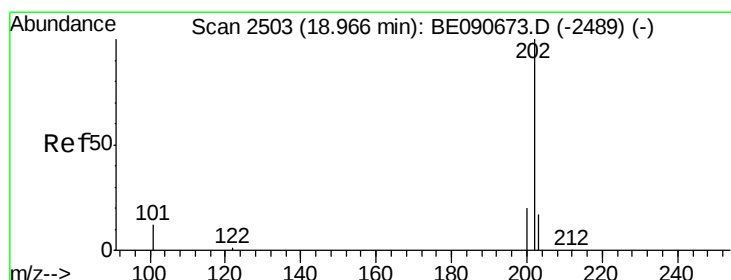
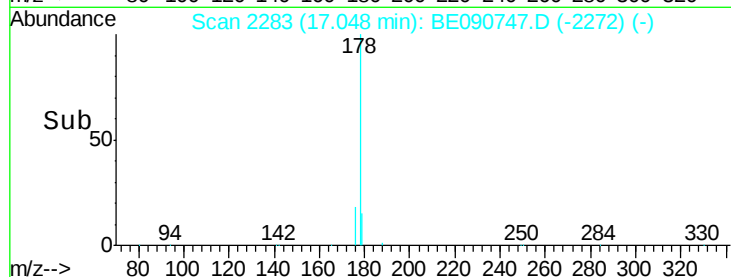
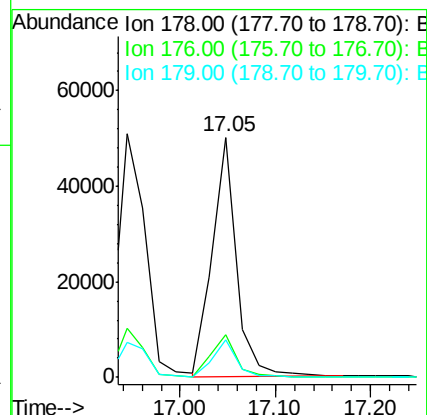
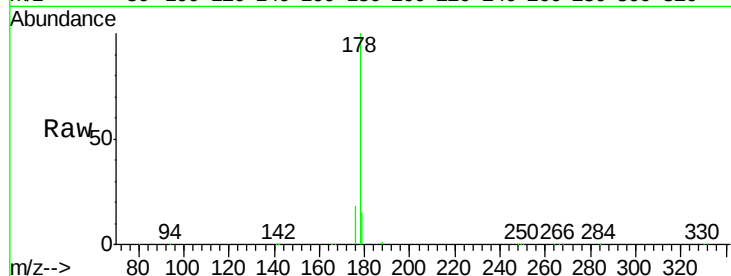
Tgt Ion:178 Resp: 88210

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.1 12.3 18.5



#24

Fluoranthene

Concen: 1.10 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

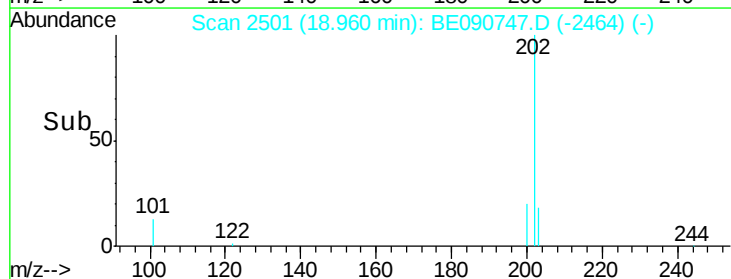
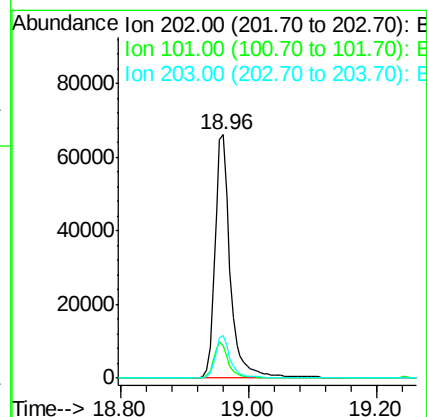
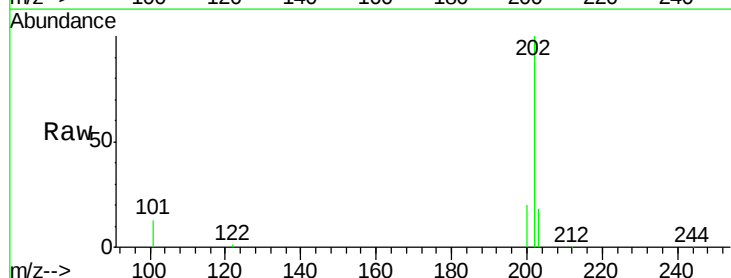
Tgt Ion:202 Resp: 109427

Ion Ratio Lower Upper

202 100

101 14.2 11.0 16.6

203 17.1 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

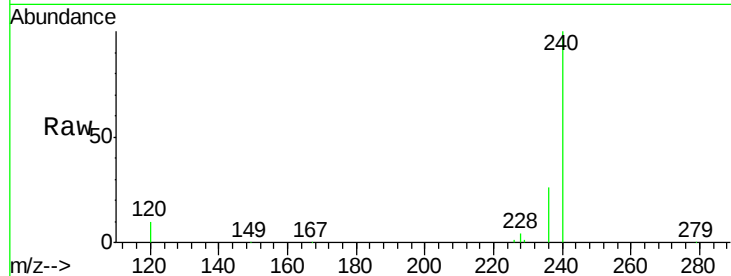
Tgt Ion:240 Resp: 497130

Ion Ratio Lower Upper

240 100

120 10.2 10.1 15.1

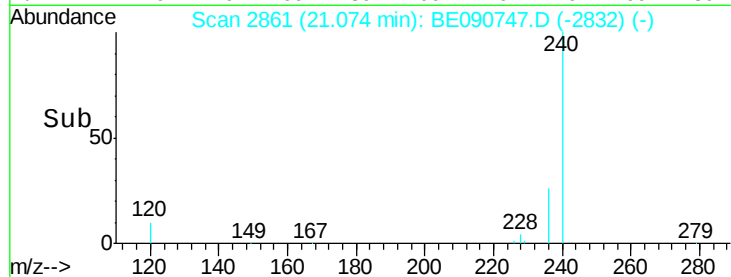
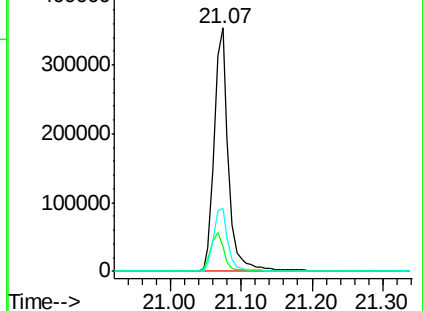
236 26.2 21.9 32.9



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: 1.16 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

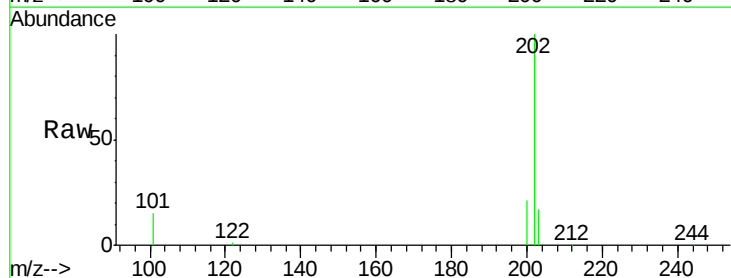
Tgt Ion:202 Resp: 119501

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

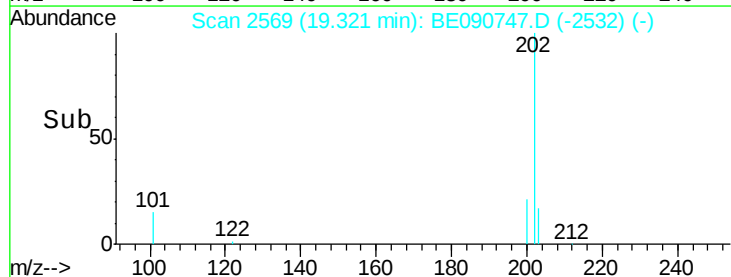
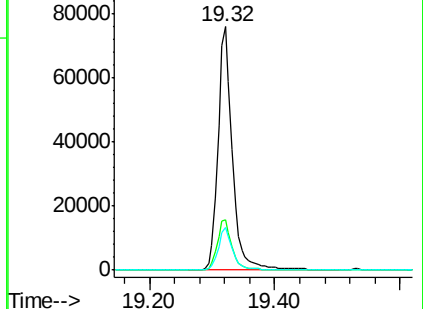
203 17.2 13.8 20.6

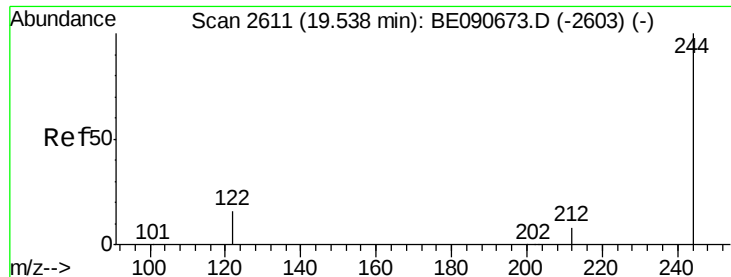


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

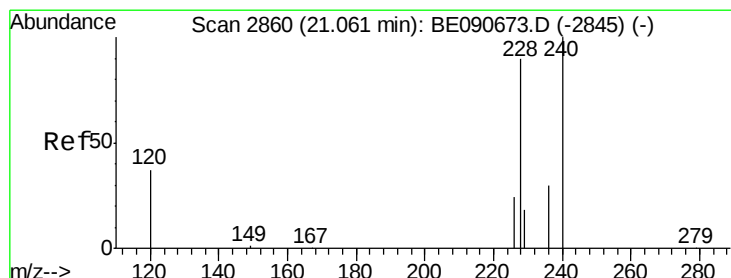
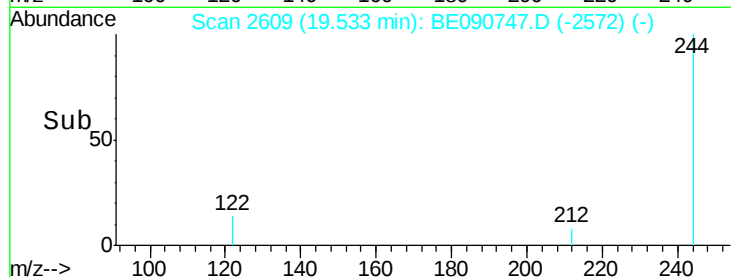
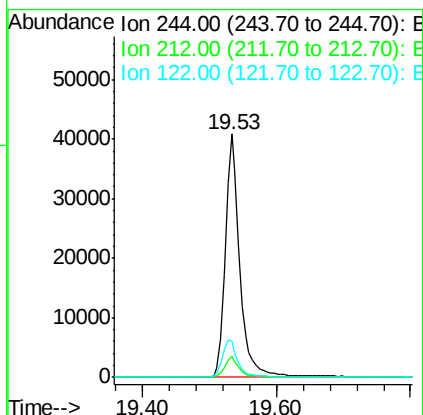
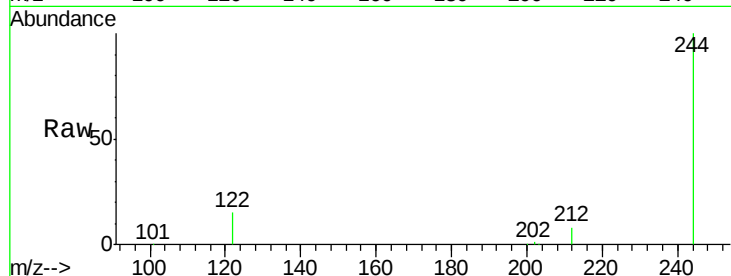




#27
 Terphenyl-d14
 Concen: 1.11 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090747.D
 Acq: 8 Sep 2015 9:48

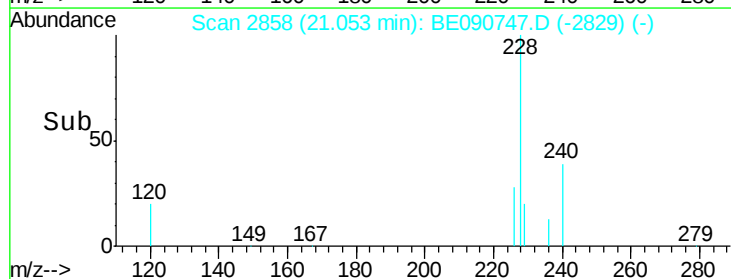
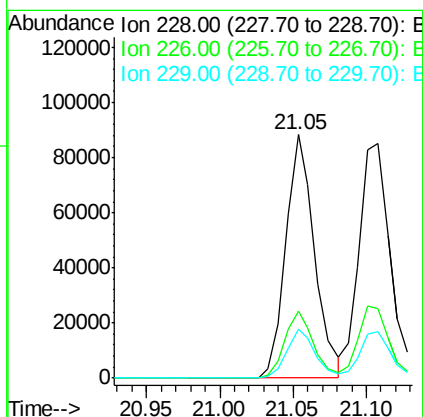
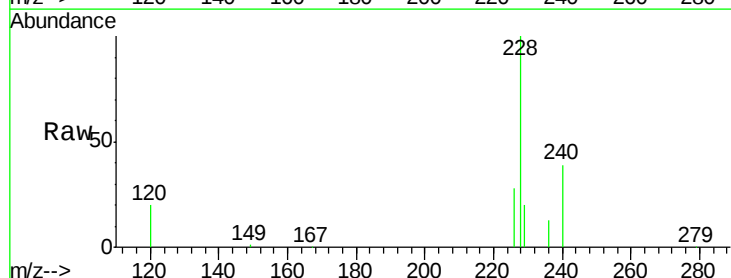
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

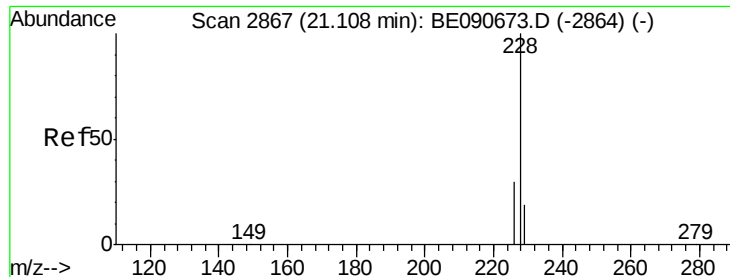
Tgt Ion: 244 Resp: 60911
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 14.9 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.10 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090747.D
 Acq: 8 Sep 2015 9:48

Tgt Ion: 228 Resp: 120890
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.6 32.4
 229 20.0 15.9 23.9





#29

Chrysene

Concen: 1.10 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

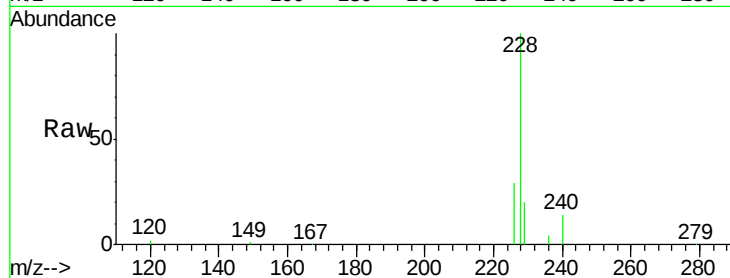
Tgt Ion:228 Resp: 132923

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

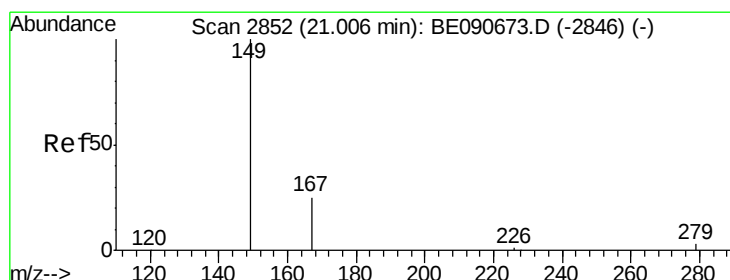
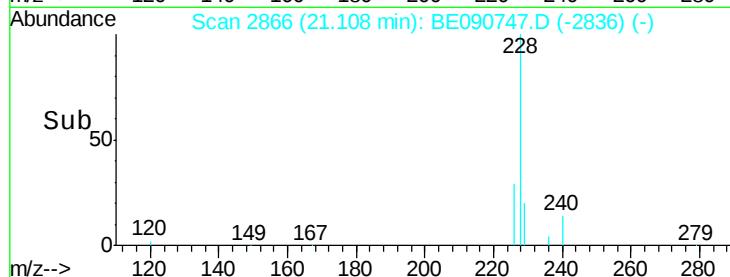
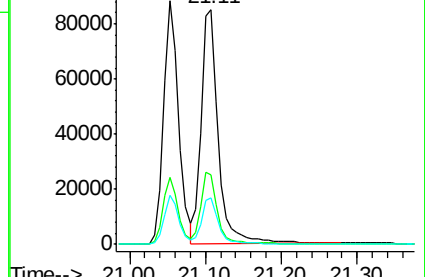
229 20.0 15.3 22.9



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: 1.16 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

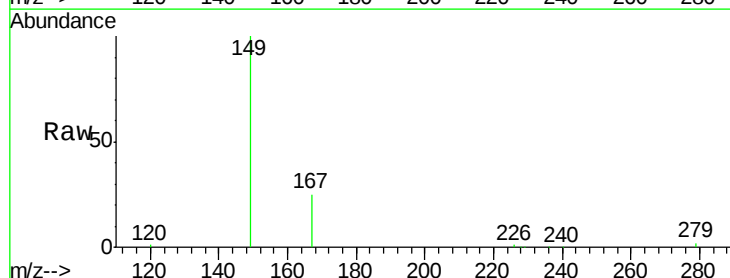
Tgt Ion:149 Resp: 33521

Ion Ratio Lower Upper

149 100

167 25.6 20.1 30.1

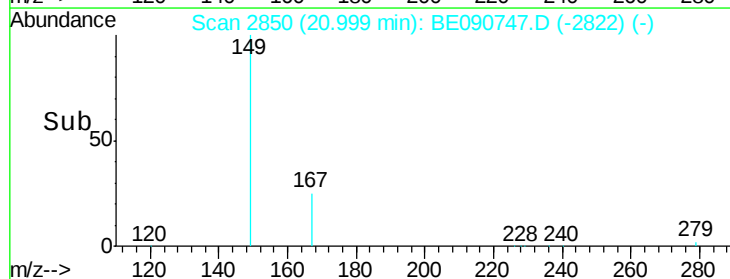
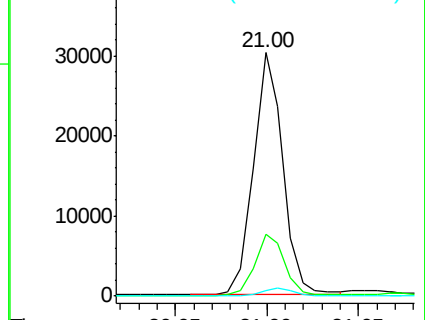
279 3.0 2.3 3.5

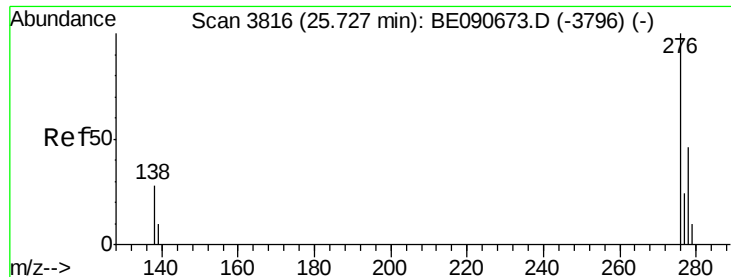


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.17 ng

RT: 25.72 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

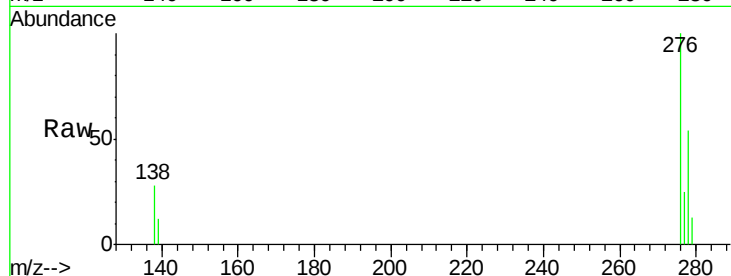
Tgt Ion: 276 Resp: 137877

Ion Ratio Lower Upper

276 100

138 29.9 23.3 34.9

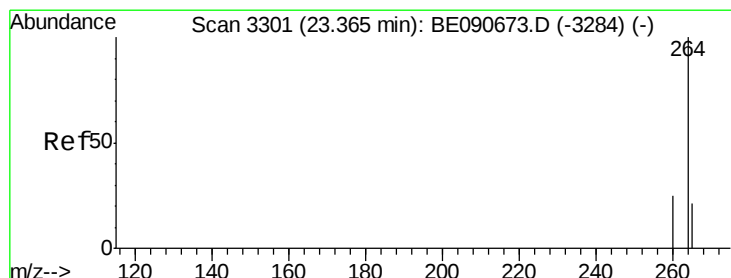
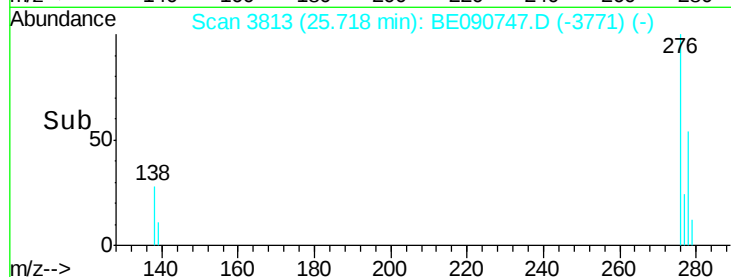
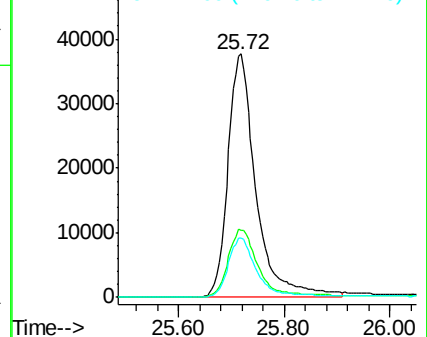
277 24.8 19.8 29.6



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: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Tgt Ion: 264 Resp: 473650

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

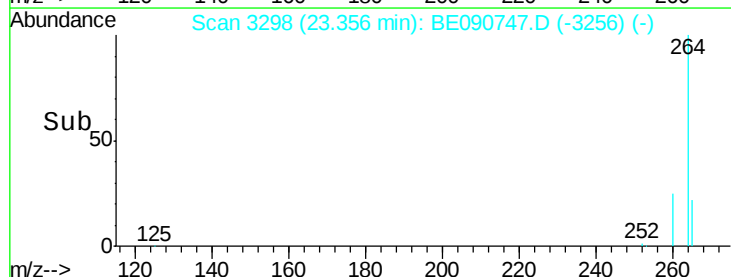
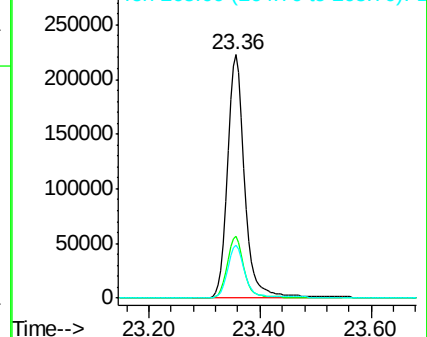
265 21.9 17.5 26.3



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: 1.04 ng

RT: 22.66 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

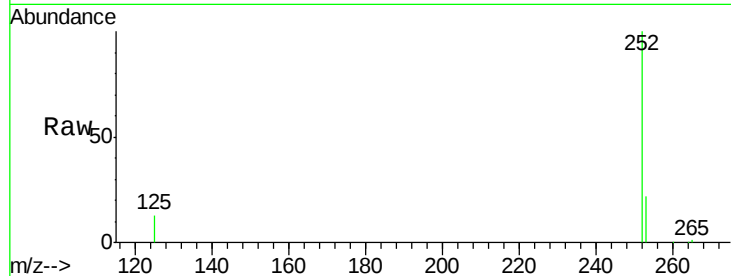
Tgt Ion:252 Resp: 106900

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

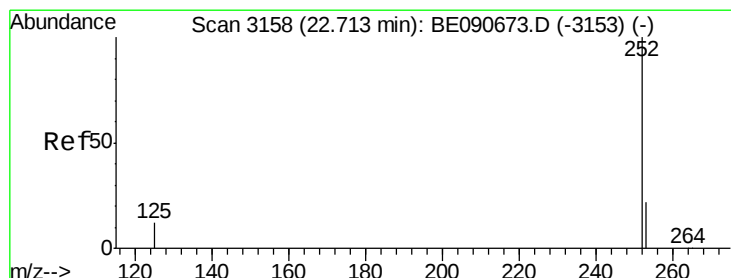
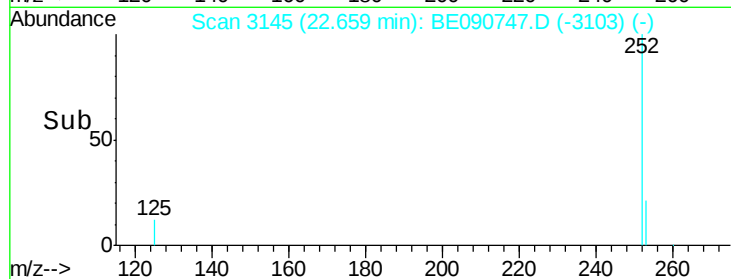
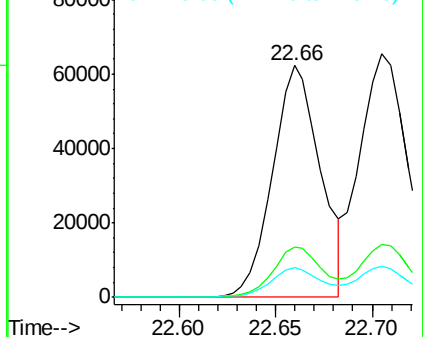
125 12.7 10.6 16.0



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: 1.07 ng

RT: 22.71 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

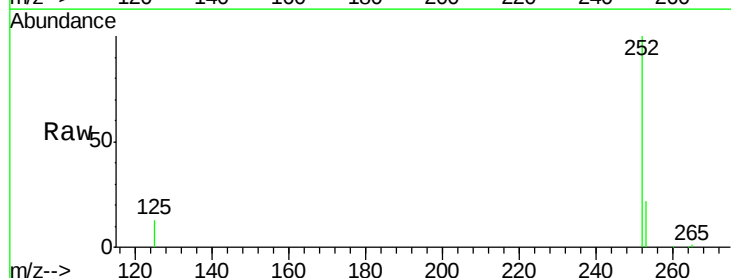
Tgt Ion:252 Resp: 127756

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

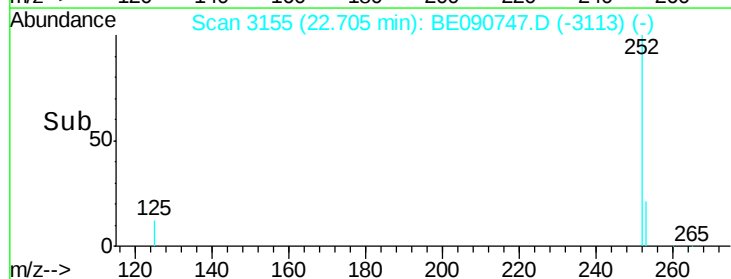
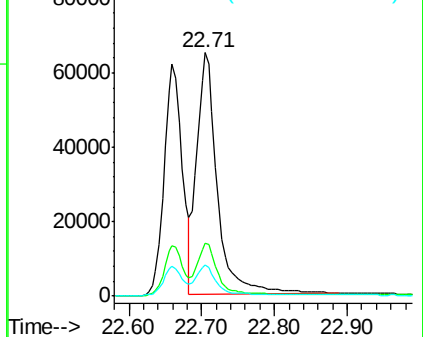
125 12.7 10.1 15.1



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: 1.11 ng

RT: 23.25 min Scan# 3275

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

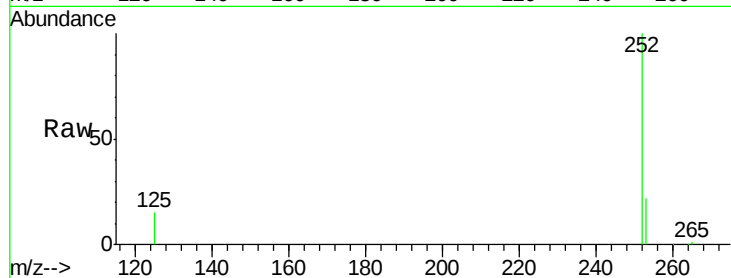
Tgt Ion: 252 Resp: 102391

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

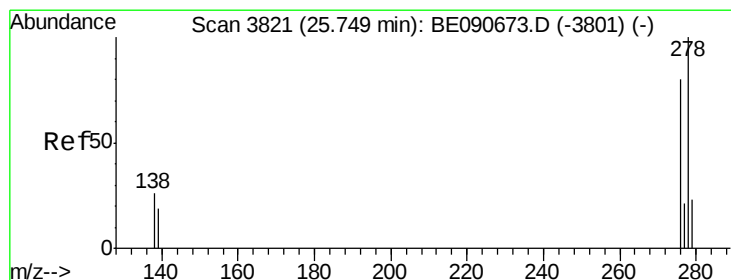
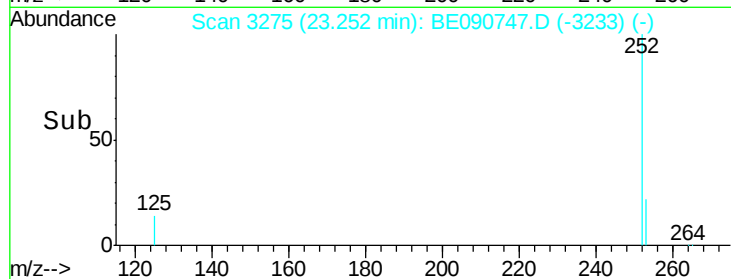
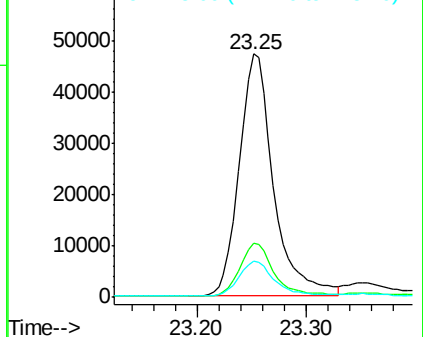
125 14.7 11.6 17.4



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: 1.08 ng

RT: 25.74 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BE090747.D

Acq: 8 Sep 2015 9:48

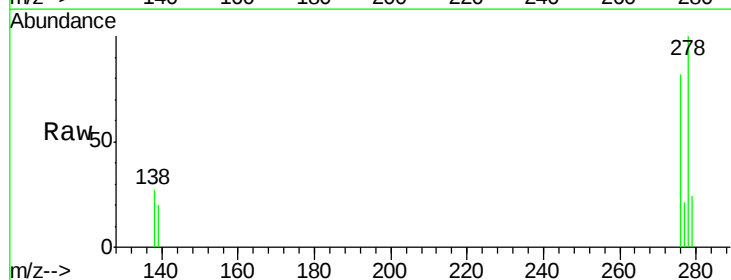
Tgt Ion: 278 Resp: 108072

Ion Ratio Lower Upper

278 100

139 19.9 15.4 23.0

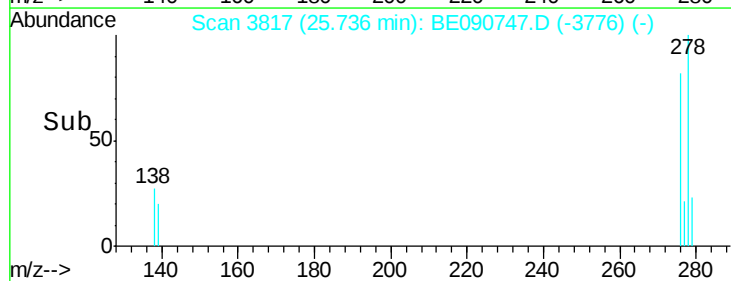
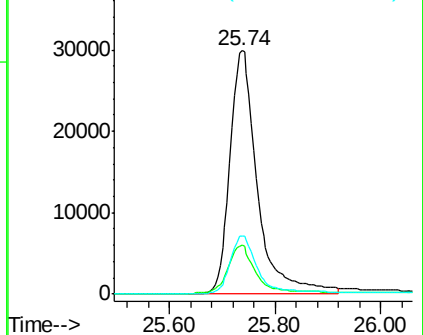
279 23.6 18.8 28.2



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: 1.07 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090747.D

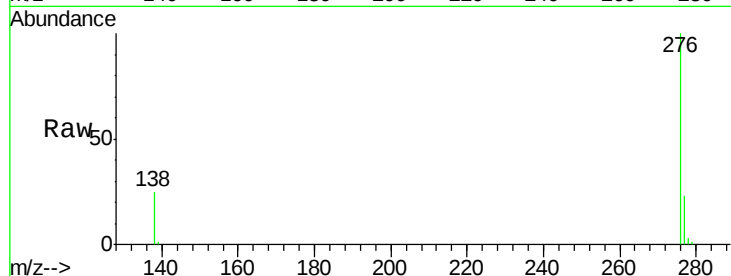
Acq: 8 Sep 2015 9:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



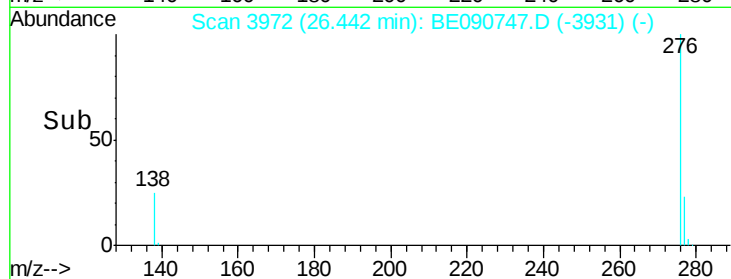
Tgt Ion: 276 Resp: 112685

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 25.0 20.1 30.1



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

