

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090608.D
 Acq On : 24 Aug 2015 19:23
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 24 23:01:04 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

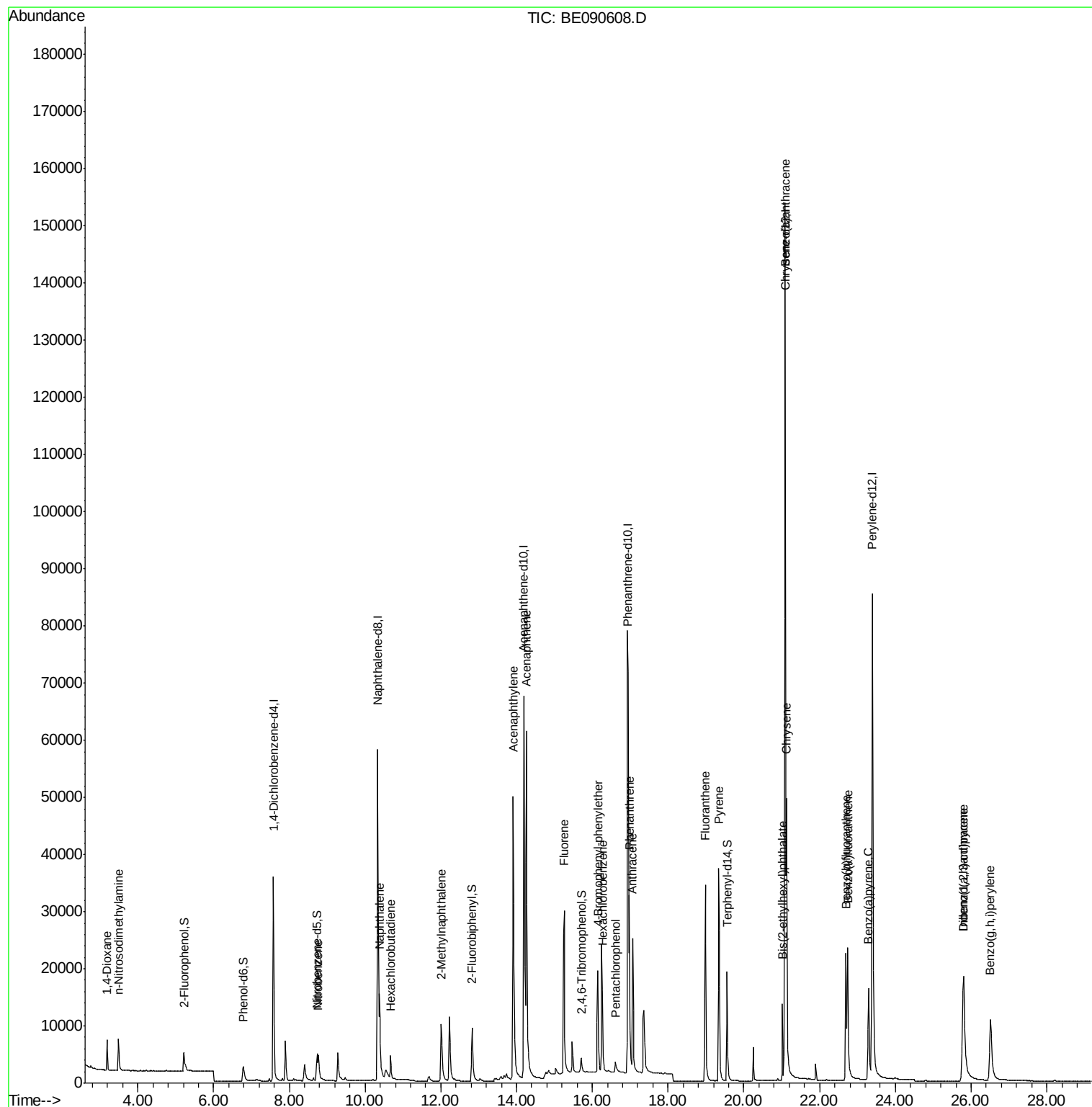
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20292	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	92414	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	54627	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	140390	5.00	ng	0.00
25) Chrysene-d12	21.09	240	158545	5.00	ng	0.00
32) Perylene-d12	23.40	264	138325	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4418	0.75	ng	0.00
5) Phenol-d6	6.78	99	5827	0.68	ng	0.00
7) Nitrobenzene-d5	8.73	82	6642	0.90	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1770	0.84	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	15296	0.94	ng	0.00
27) Terphenyl-d14	19.56	244	26209	0.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3104	1.29	ng	91
3) n-Nitrosodimethylamine	3.49	42	3663	1.05	ng	85
8) Nitrobenzene	8.77	77	6658	0.87	ng	99
9) Naphthalene	10.39	128	20514	0.98	ng	99
10) Hexachlorobutadiene	10.67	225	3179	1.03	ng	99
11) 2-Methylnaphthalene	12.01	142	13081	0.96	ng	97
15) Acenaphthylene	13.91	152	93289	0.94	ng	100
16) Acenaphthene	14.26	154	14447	0.96	ng	82
17) Fluorene	15.26	166	18813	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5313	0.93	ng	81
20) Hexachlorobenzene	16.27	284	24642	0.97	ng	94
21) Pentachlorophenol	16.61	266	1659	0.81	ng	93
22) Phenanthrene	16.98	178	35009	0.95	ng	100
23) Anthracene	17.07	178	31629	0.93	ng	100
24) Fluoranthene	18.98	202	38701	0.99	ng	99
26) Pyrene	19.34	202	41075	0.91	ng	100
28) Benzo(a)anthracene	21.08	228	38380	0.92	ng	98
29) Chrysene	21.13	228	42558	1.00	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	13057	0.65	ng	100
31) Indeno(1,2,3-cd)pyrene	25.79	276	35637	0.89	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	30750	0.94	ng	98
34) Benzo(k)fluoranthene	22.74	252	38414	1.03	ng	98
35) Benzo(a)pyrene	23.29	252	28895	0.94	ng	98
36) Dibenzo(a,h)anthracene	25.81	278	26961	0.91	ng	97
37) Benzo(g,h,i)perylene	26.51	276	29978	0.93	ng	95

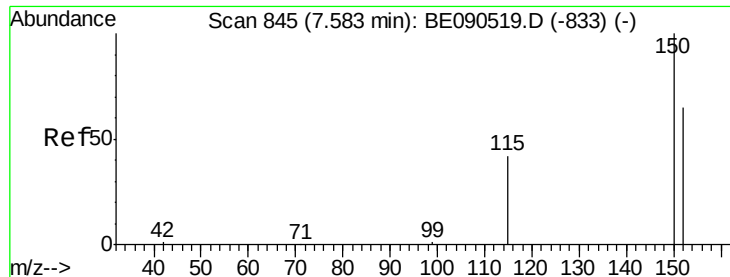
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Aug 24 23:01:04 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

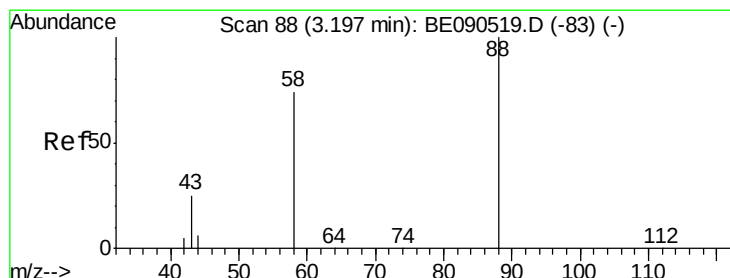
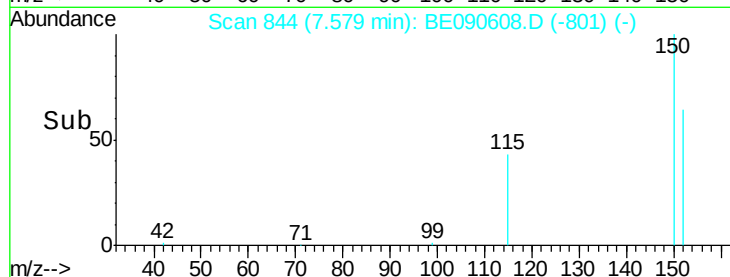
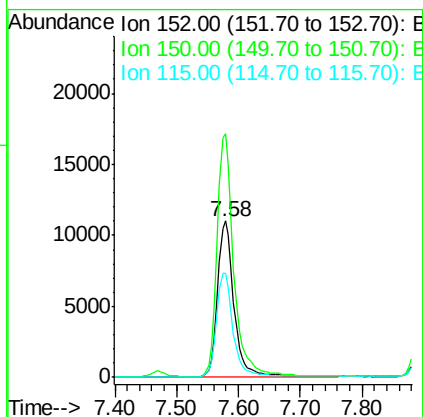
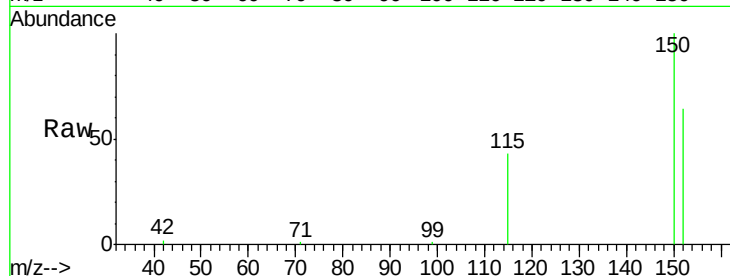




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

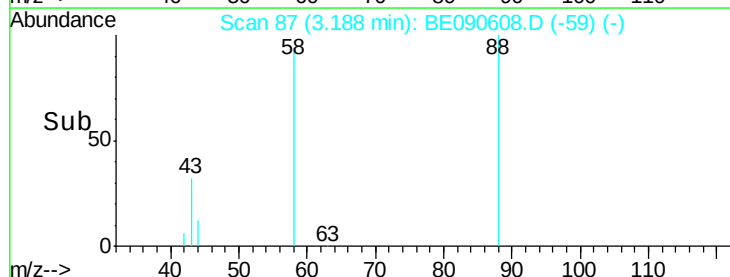
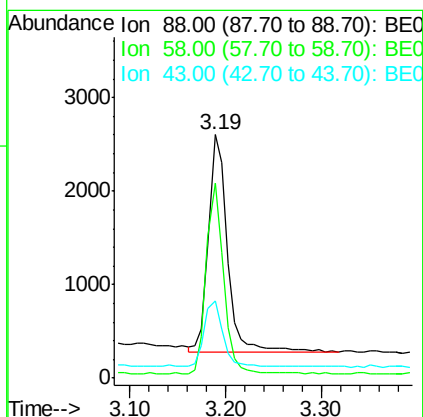
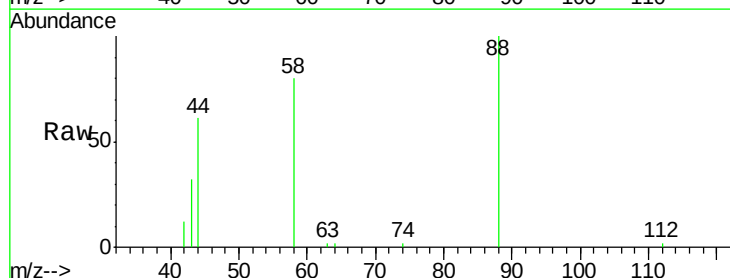
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

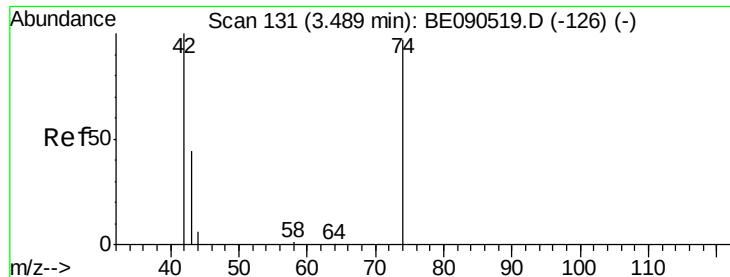
Tgt Ion:152 Resp: 20292
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.4
 115 67.1 48.9 73.3



#2
 1,4-Dioxane
 Concen: 1.29 ng
 RT: 3.19 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Tgt Ion: 88 Resp: 3104
 Ion Ratio Lower Upper
 88 100
 58 79.4 70.0 105.0
 43 29.8 28.4 42.6



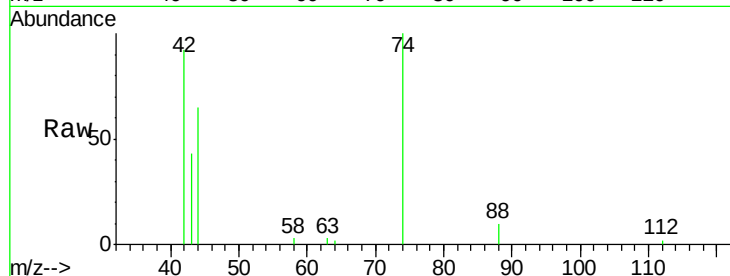


#3

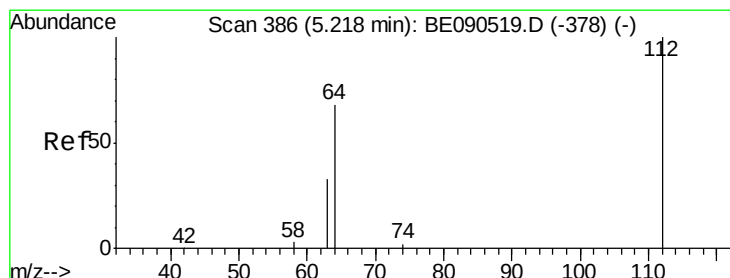
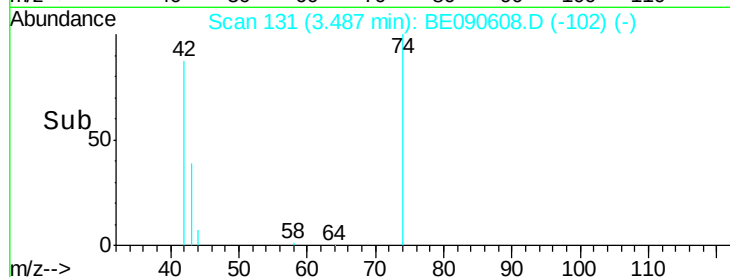
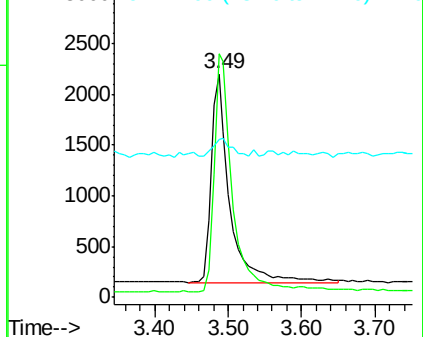
n-Nitrosodimethylamine
 Concen: 1.05 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 42 Resp: 3663
 Ion Ratio Lower Upper
 42 100
 74 110.4 75.2 112.8
 44 10.0 8.7 13.1



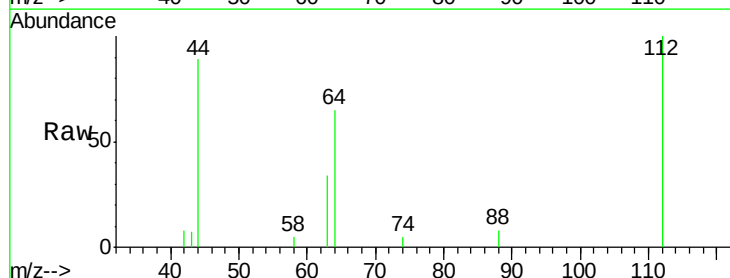
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



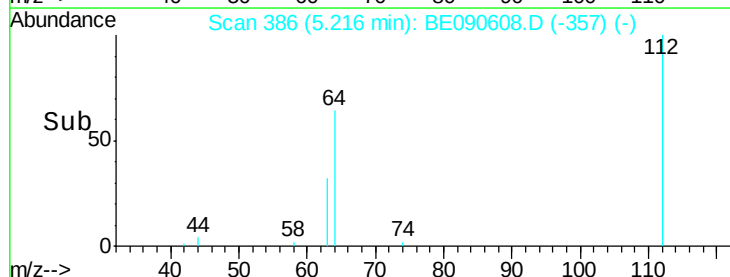
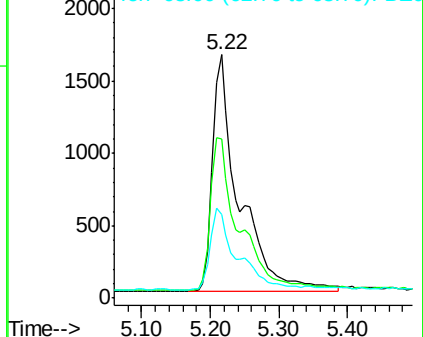
#4

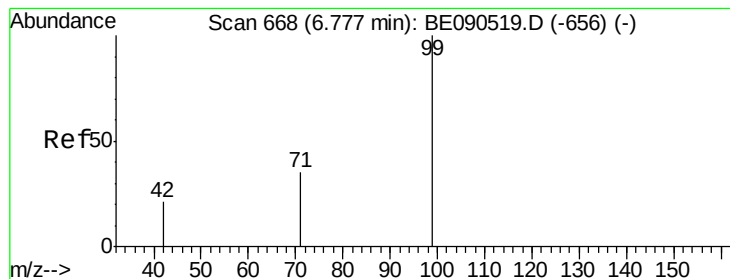
2-Fluorophenol
 Concen: 0.75 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Tgt Ion: 112 Resp: 4418
 Ion Ratio Lower Upper
 112 100
 64 70.1 37.1 55.7#
 63 34.7 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: 0.68 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

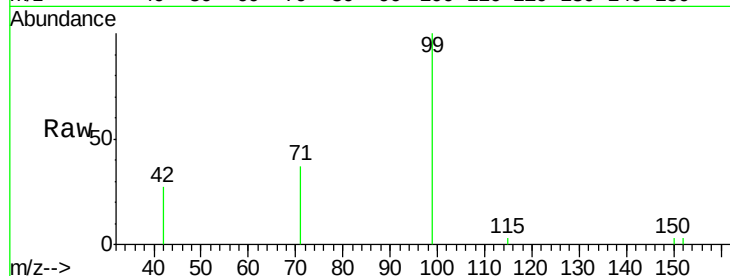
Tgt Ion: 99 Resp: 5827

Ion Ratio Lower Upper

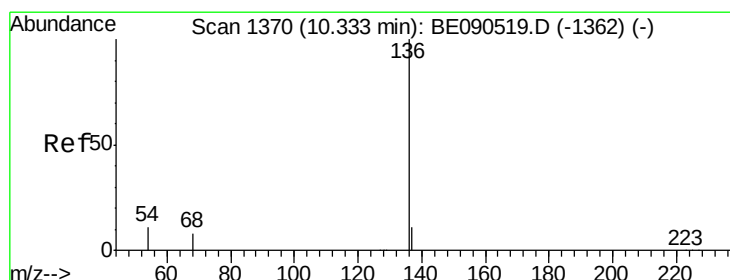
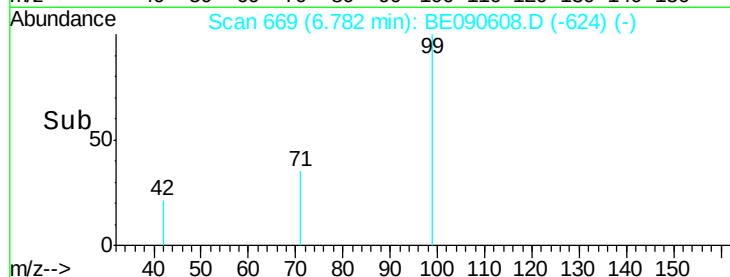
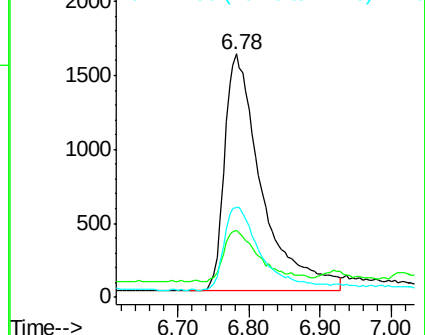
99 100

42 20.6 18.2 27.4

71 34.6 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. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Tgt Ion: 136 Resp: 92414

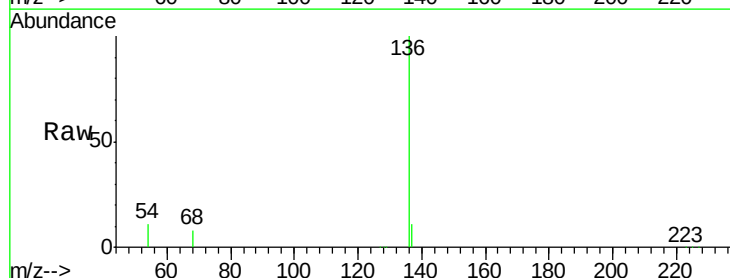
Ion Ratio Lower Upper

136 100

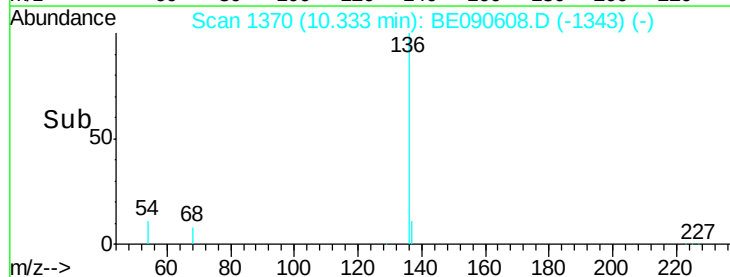
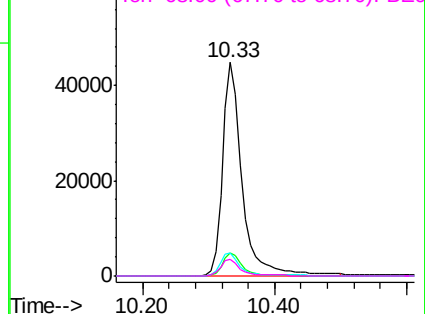
137 10.8 8.7 13.1

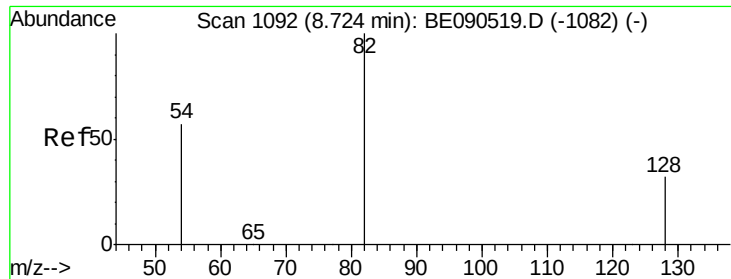
54 10.8 9.4 14.0

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: 0.90 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

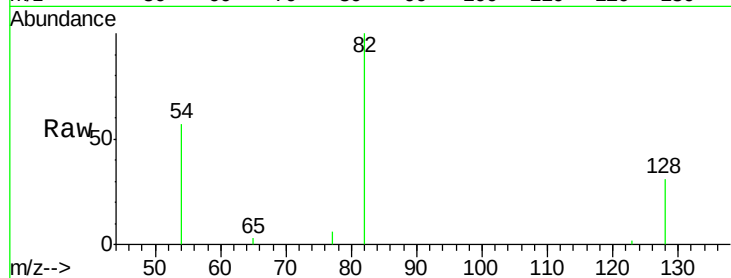
Tgt Ion: 82 Resp: 6642

Ion Ratio Lower Upper

82 100

128 31.5 25.0 37.6

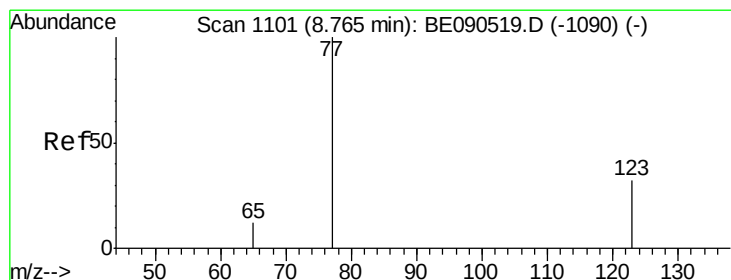
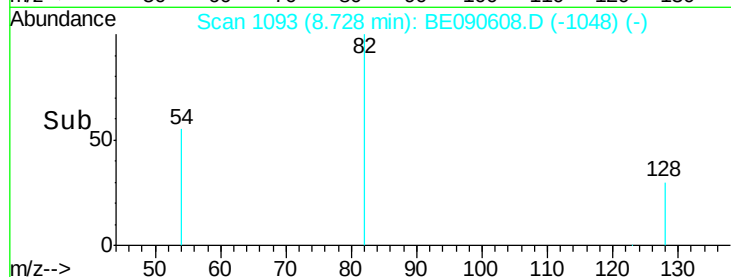
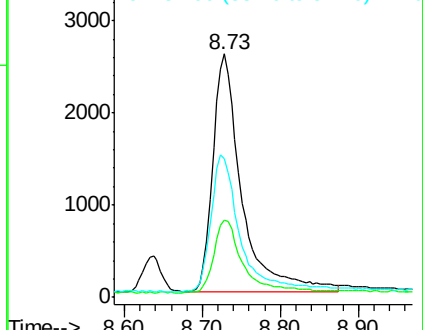
54 57.0 48.8 73.2



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: 0.87 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

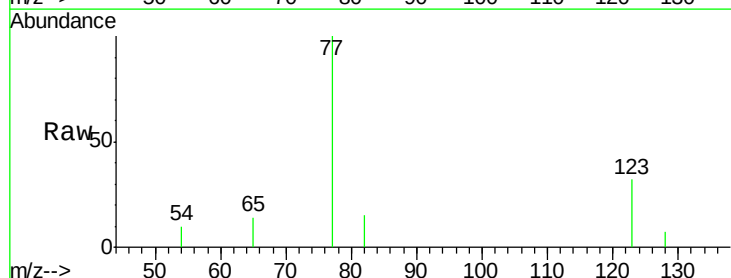
Tgt Ion: 77 Resp: 6658

Ion Ratio Lower Upper

77 100

123 32.2 25.1 37.7

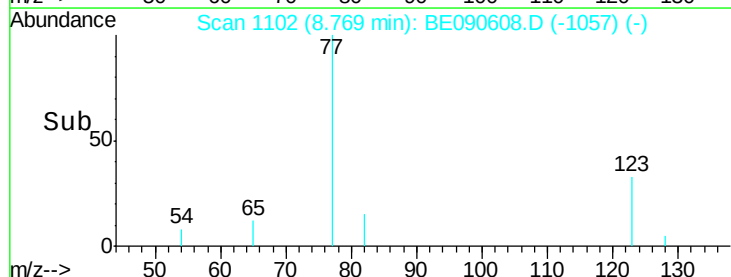
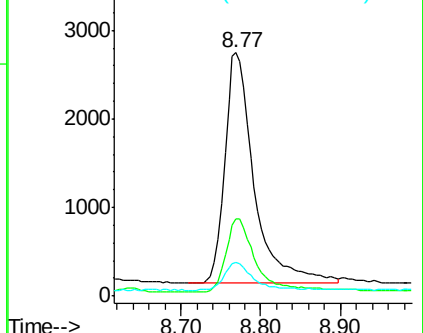
65 11.9 9.3 13.9

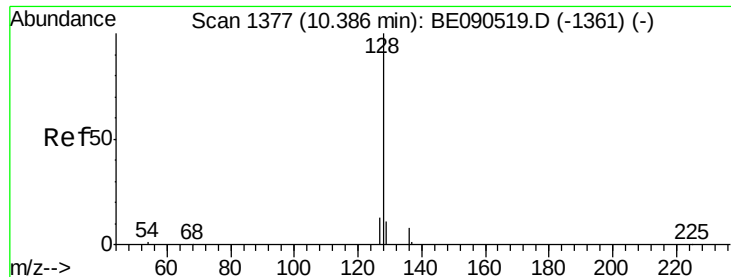


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.39 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

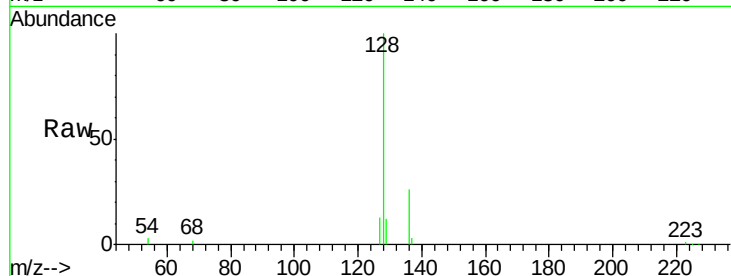
Tgt Ion:128 Resp: 20514

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.6

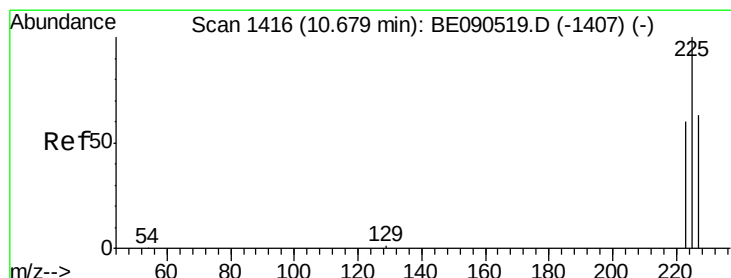
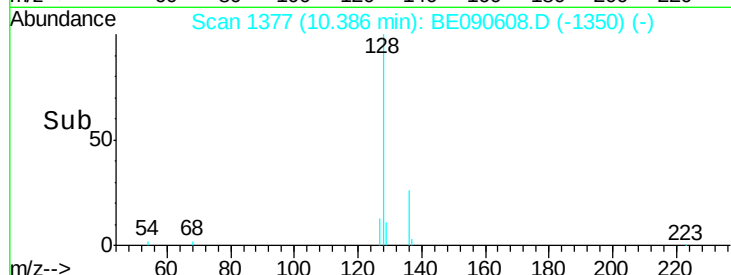
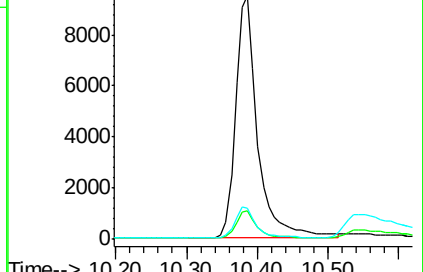
127 13.0 10.6 16.0



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: 1.03 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

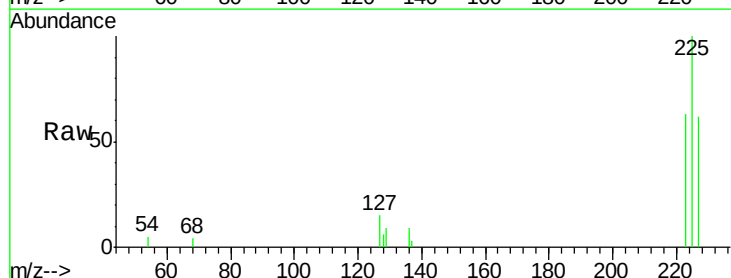
Tgt Ion:225 Resp: 3179

Ion Ratio Lower Upper

225 100

223 63.7 50.6 75.8

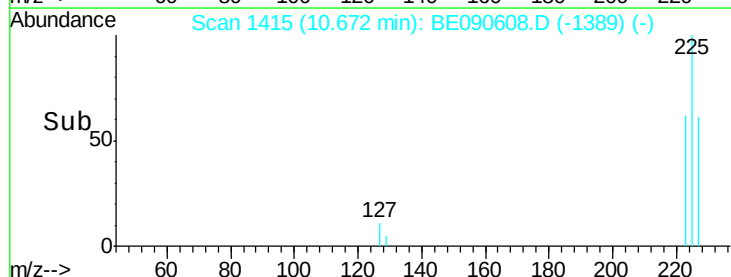
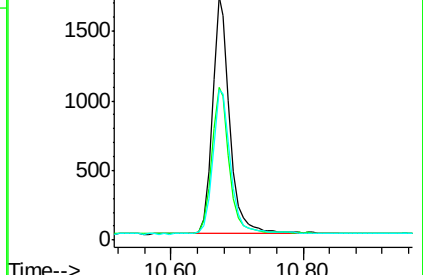
227 63.1 50.7 76.1

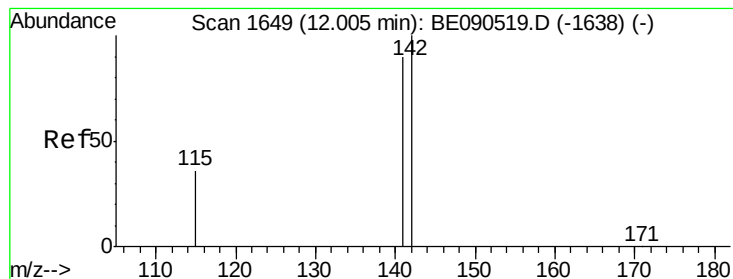


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.96 ng

RT: 12.01 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BE090608.D

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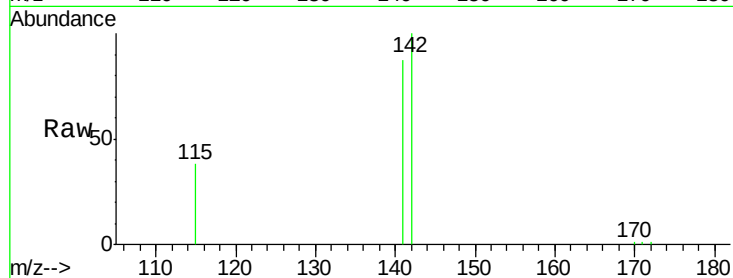
Tgt Ion:142 Resp: 13081

Ion Ratio Lower Upper

142 100

141 87.2 72.6 109.0

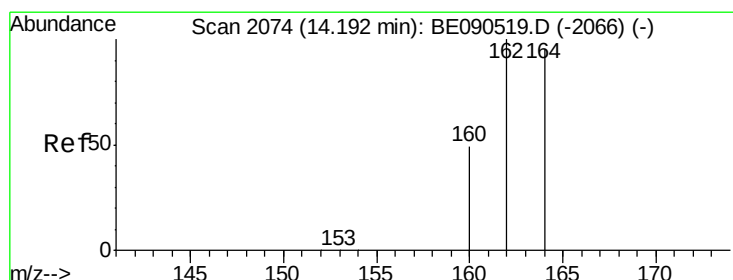
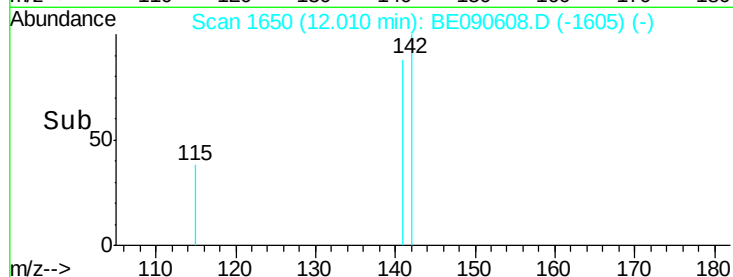
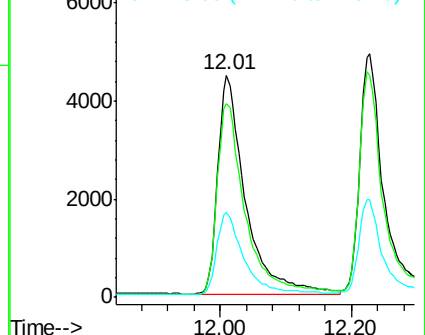
115 38.3 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

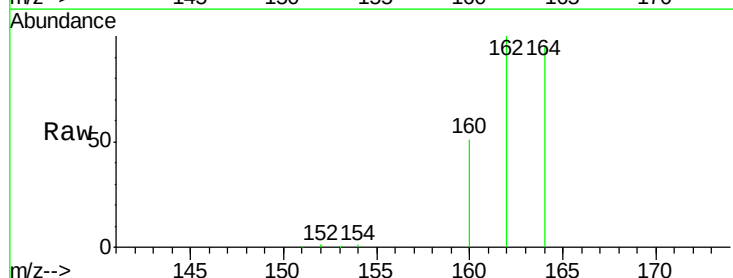
Tgt Ion:164 Resp: 54627

Ion Ratio Lower Upper

164 100

162 105.1 81.8 122.8

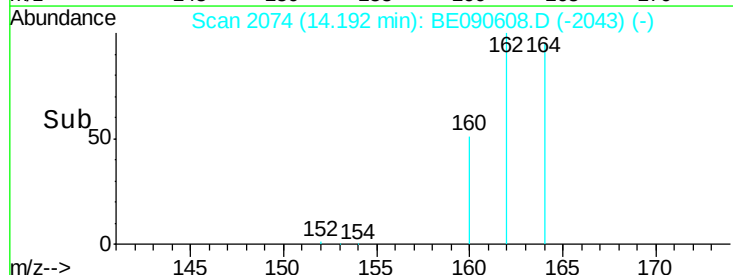
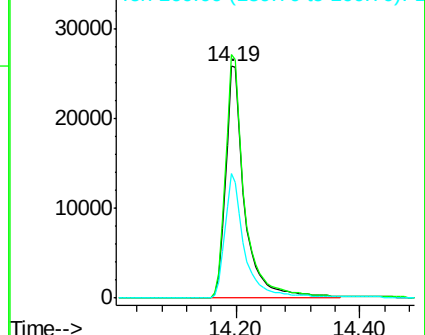
160 53.9 44.2 66.4

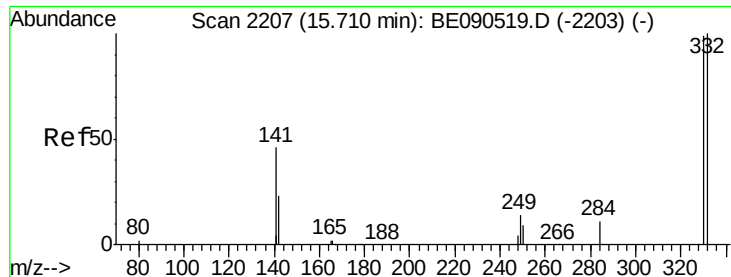


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

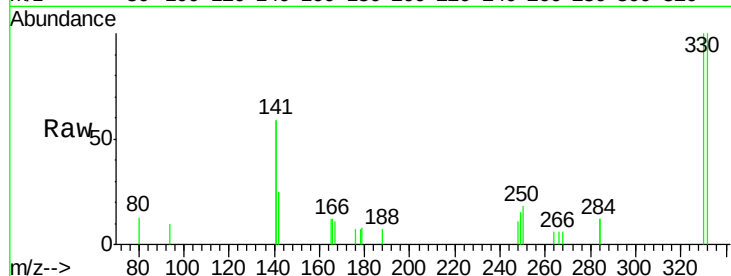




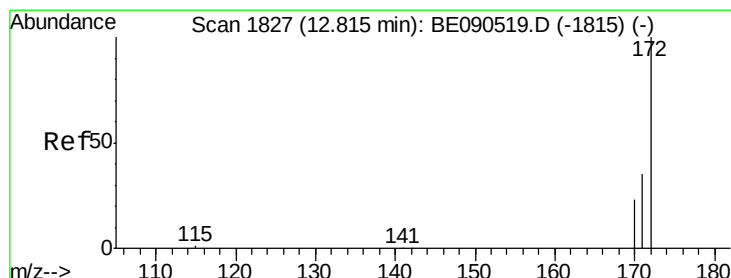
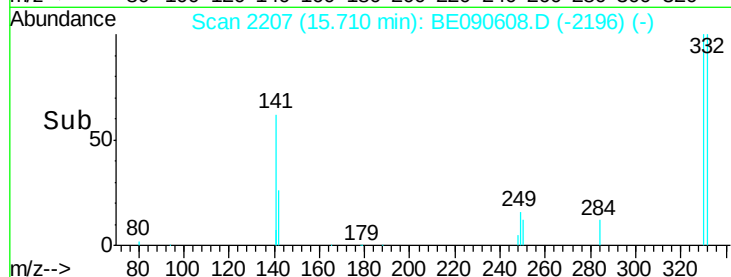
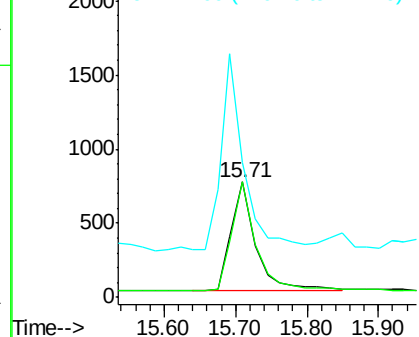
#13
 2,4,6-Tribromophenol
 Concen: 0.84 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 1770
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.8 113.6
 141 165.6 114.4 171.6

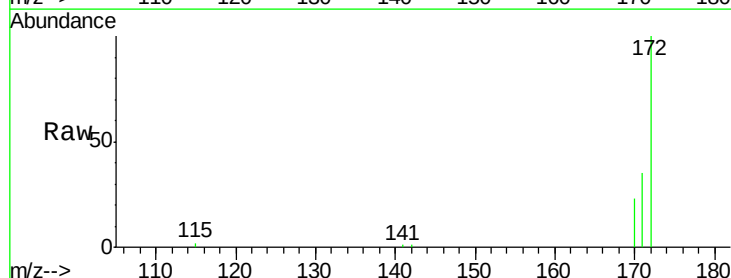


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

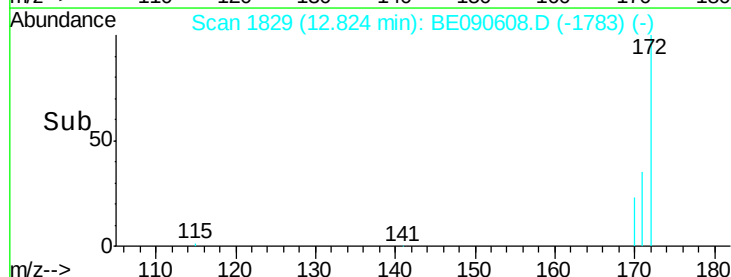
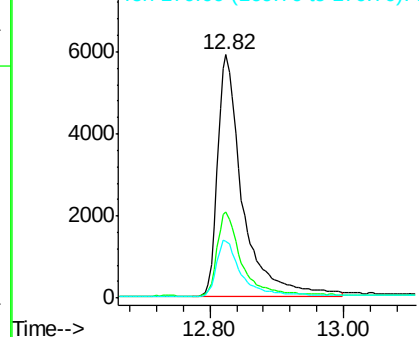


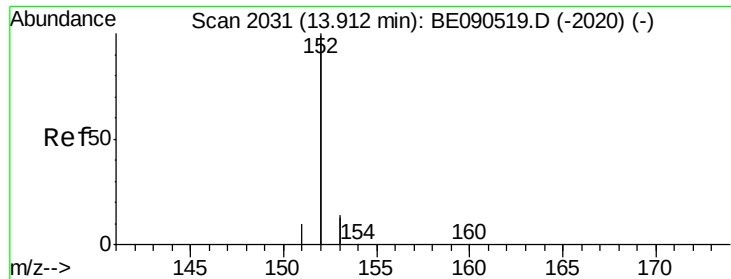
#14
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Tgt Ion: 172 Resp: 15296
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.3 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: 0.94 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

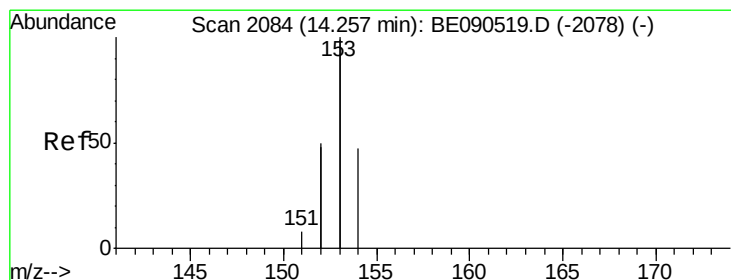
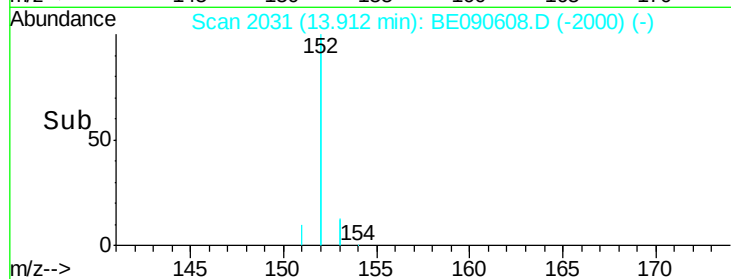
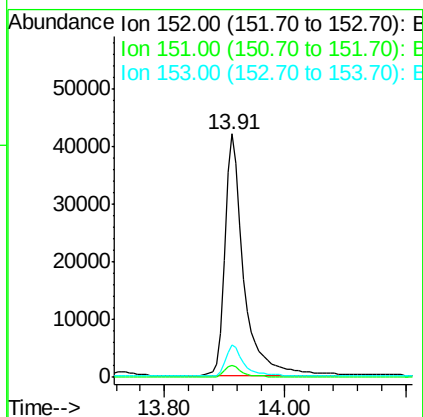
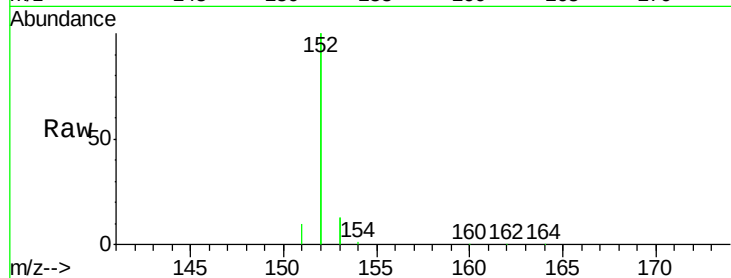
Tgt Ion:152 Resp: 93289

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 12.9 10.3 15.5



#16

Acenaphthene

Concen: 0.96 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

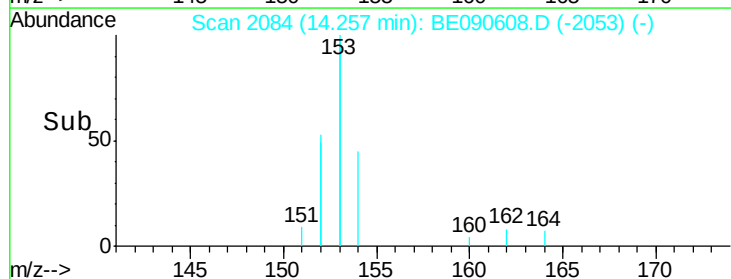
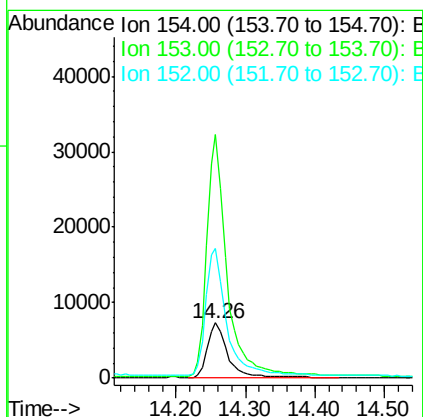
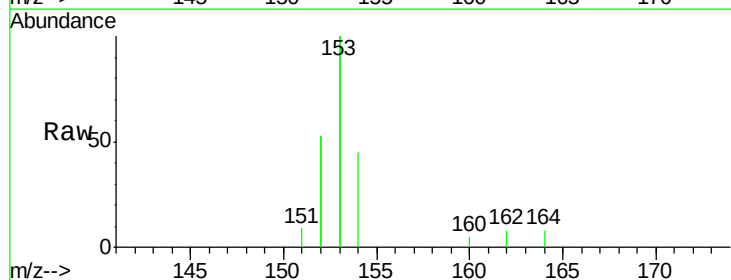
Tgt Ion:154 Resp: 14447

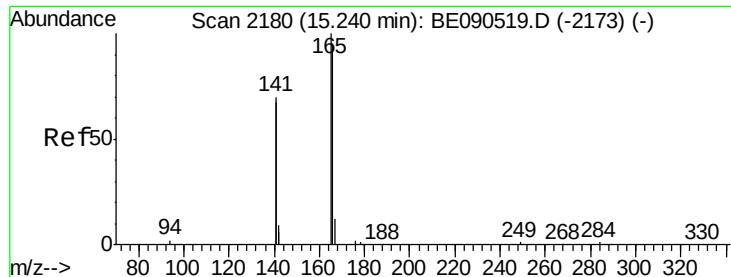
Ion Ratio Lower Upper

154 100

153 441.8 376.2 564.2

152 236.4 235.0 352.4

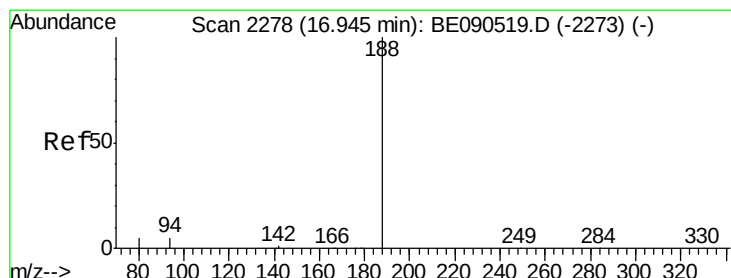
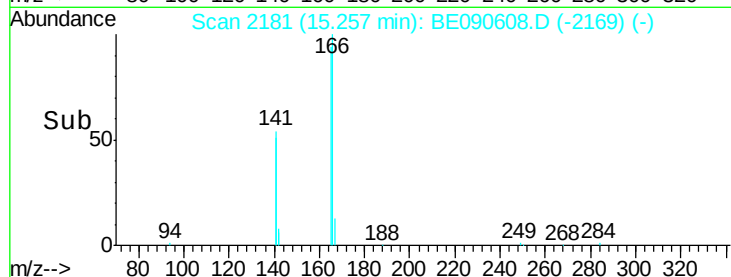
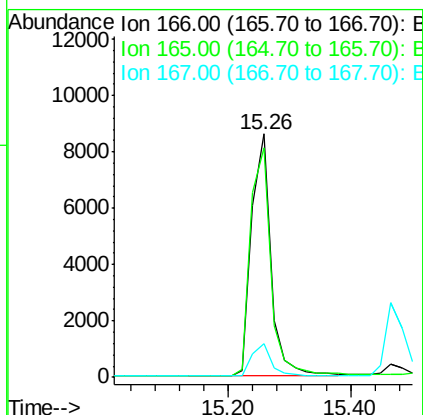
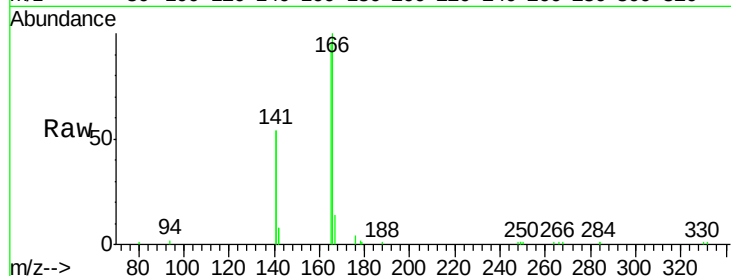




#17
Fluorene
 Concen: 1.02 ng
 RT: 15.26 min Scan# 2181
 Delta R.T. 0.02 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

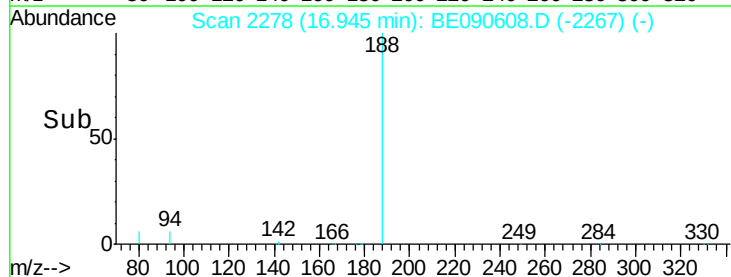
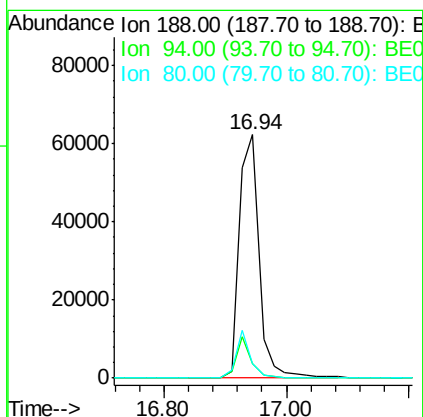
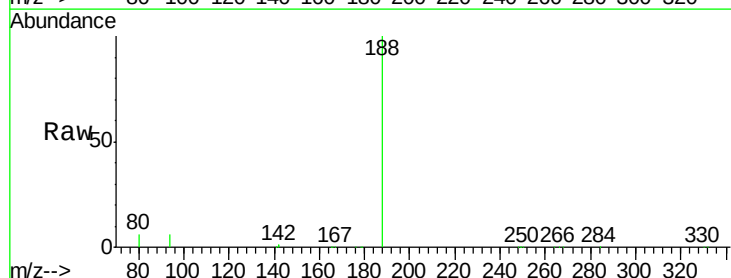
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

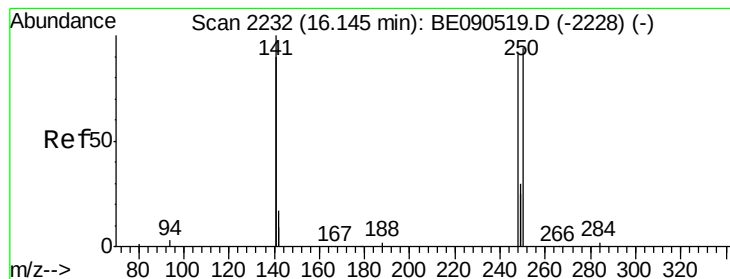
Tgt Ion:166 Resp: 18813
 Ion Ratio Lower Upper
 166 100
 165 99.5 81.5 122.3
 167 13.4 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Tgt Ion:188 Resp: 140390
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.7 8.5
 80 6.1 5.8 8.8





#19

4-Bromophenyl-phenylether

Concen: 0.93 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

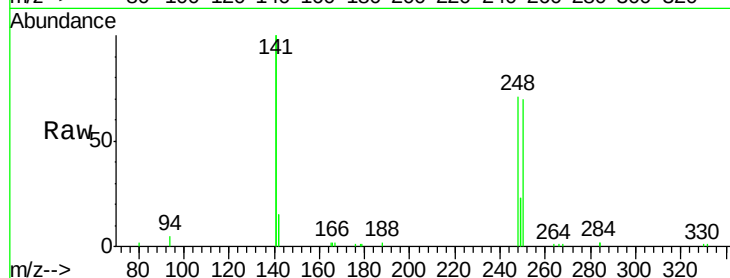
Tgt Ion:248 Resp: 5313

Ion Ratio Lower Upper

248 100

250 98.0 79.0 118.6

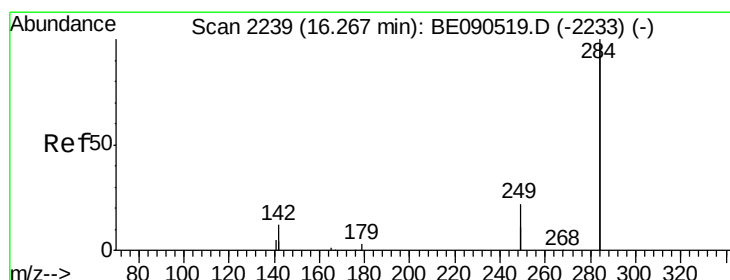
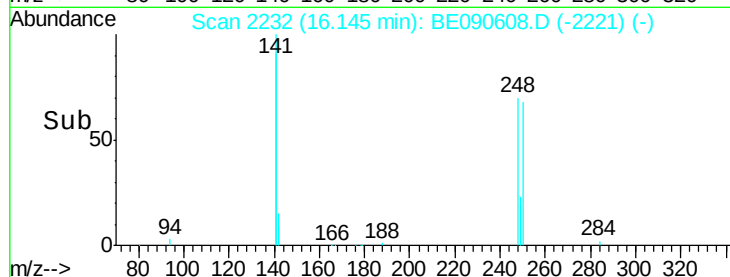
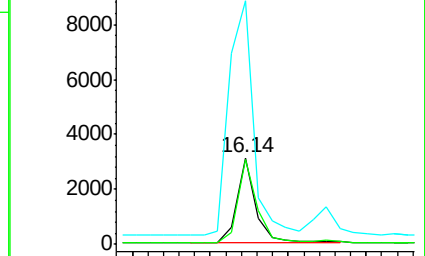
141 347.8 239.5 359.3



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: 0.97 ng

RT: 16.27 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

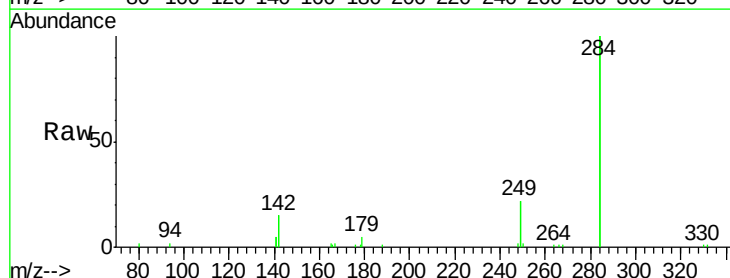
Tgt Ion:284 Resp: 24642

Ion Ratio Lower Upper

284 100

142 42.5 30.1 45.1

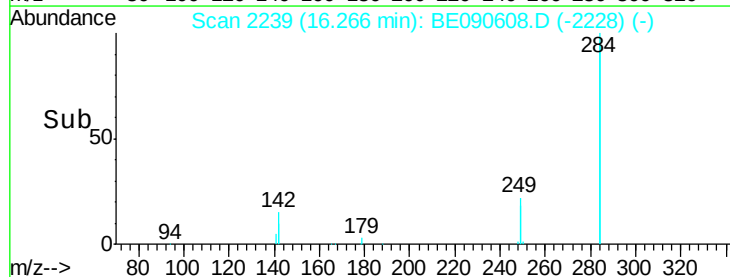
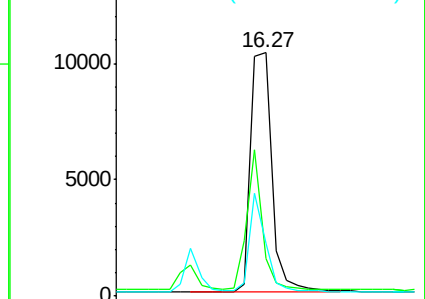
249 30.7 25.7 38.5

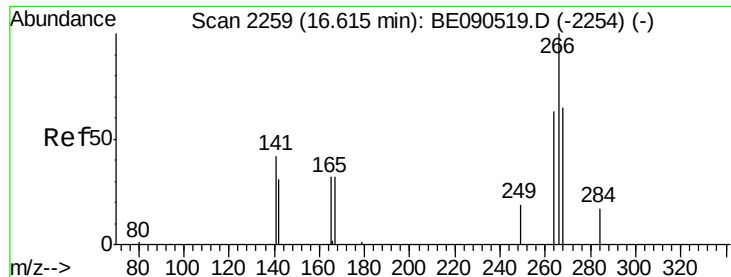


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.81 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

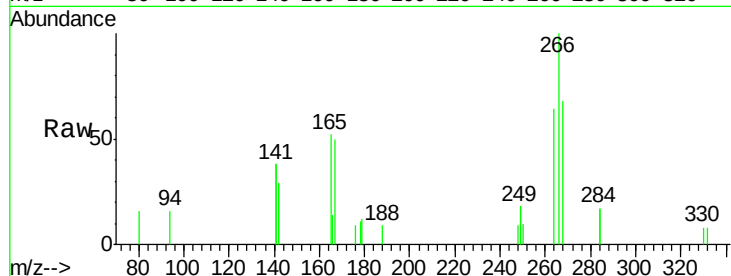
Tgt Ion:266 Resp: 1659

Ion Ratio Lower Upper

266 100

268 67.5 58.5 87.7

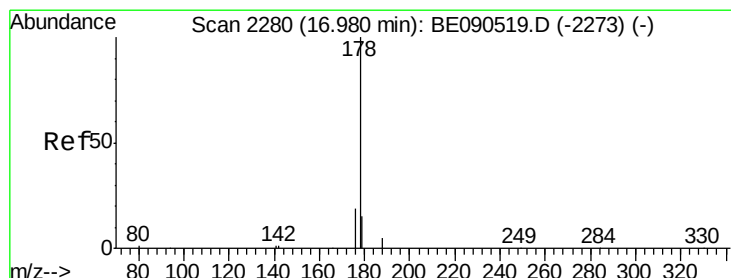
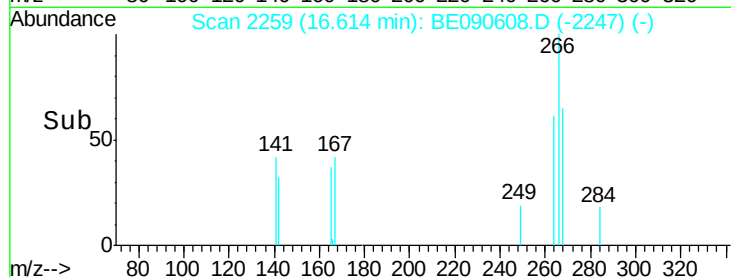
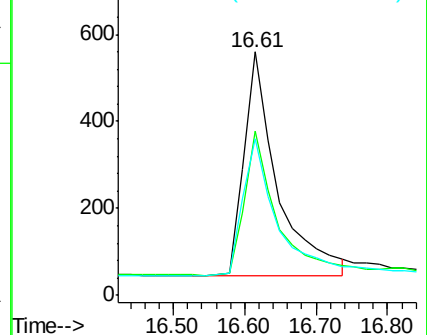
264 64.3 56.0 84.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.95 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

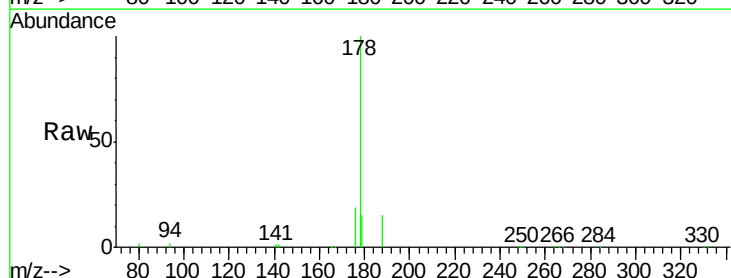
Tgt Ion:178 Resp: 35009

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

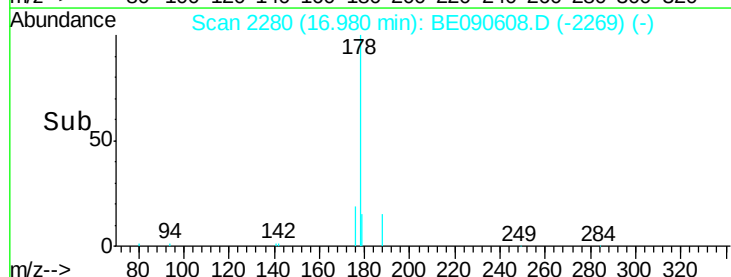
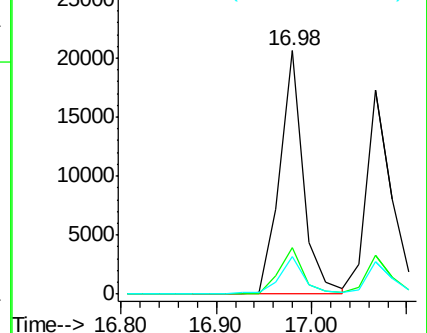
179 15.5 12.5 18.7

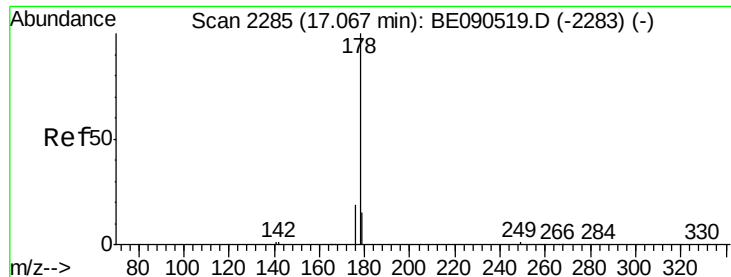


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.93 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

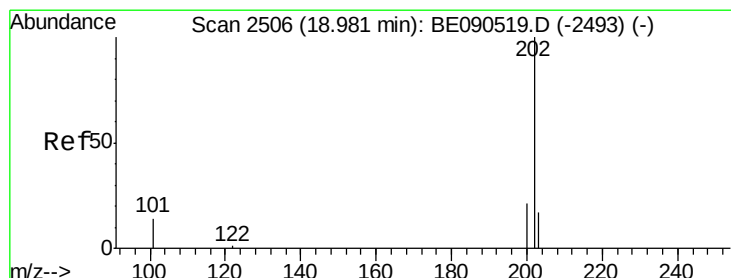
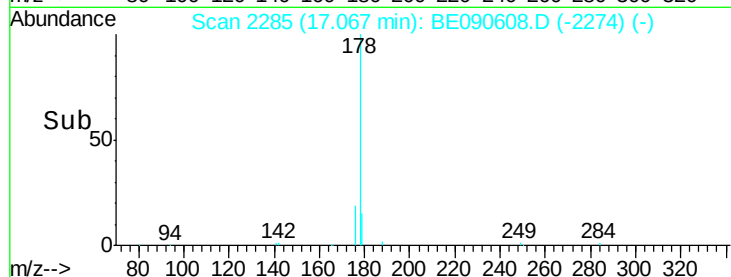
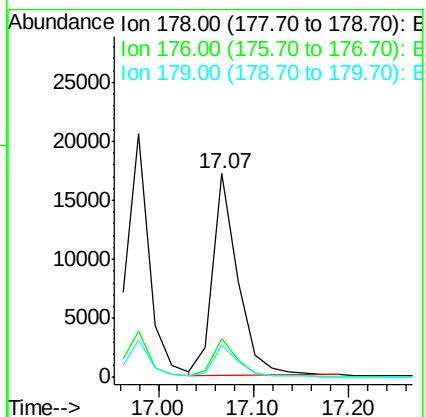
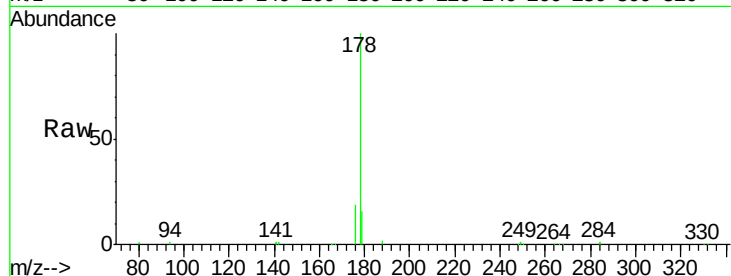
Tgt Ion:178 Resp: 31629

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.4 12.2 18.4



#24

Fluoranthene

Concen: 0.99 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

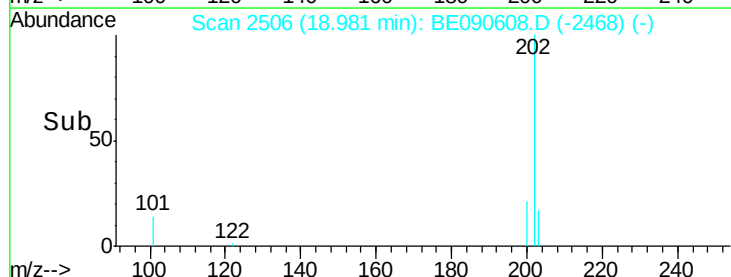
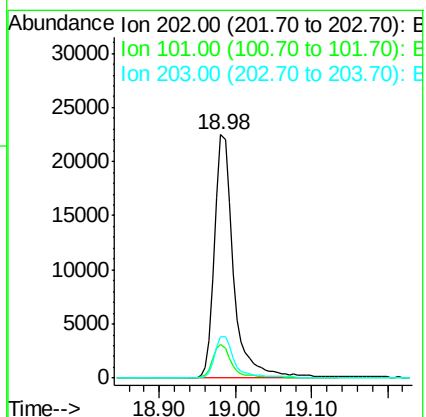
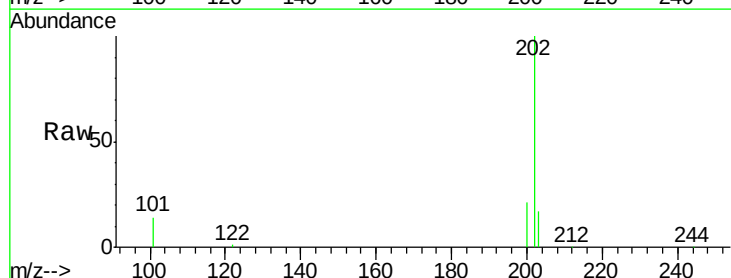
Tgt Ion:202 Resp: 38701

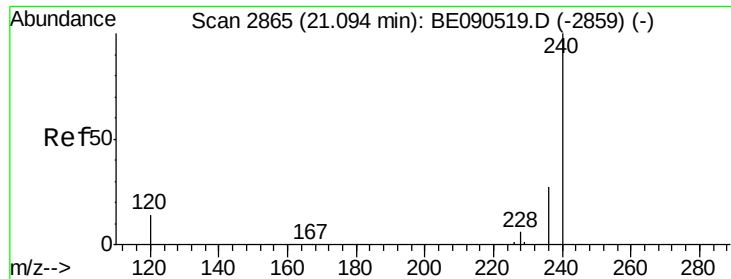
Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.3 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

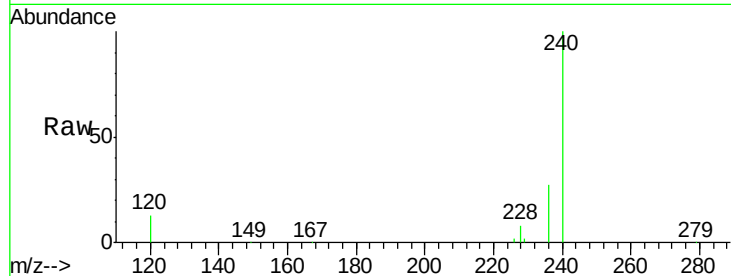
Tgt Ion:240 Resp: 158545

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

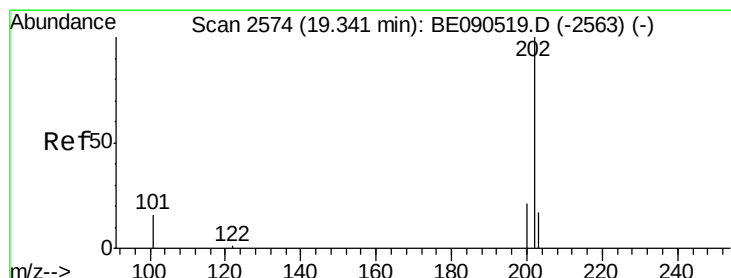
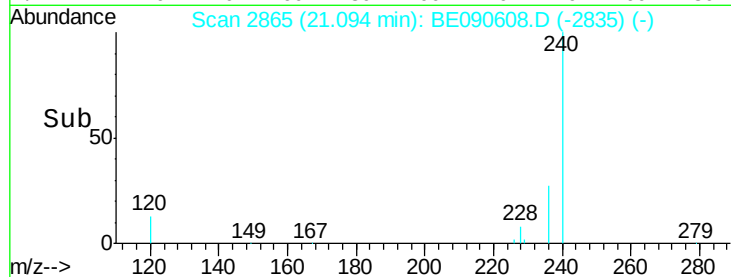
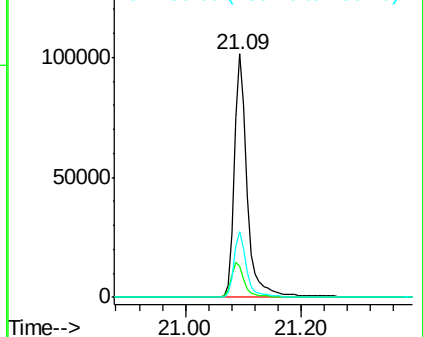
236 26.8 21.0 31.4



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: 0.91 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

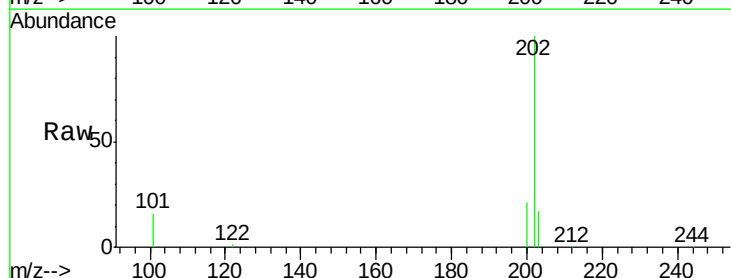
Tgt Ion:202 Resp: 41075

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

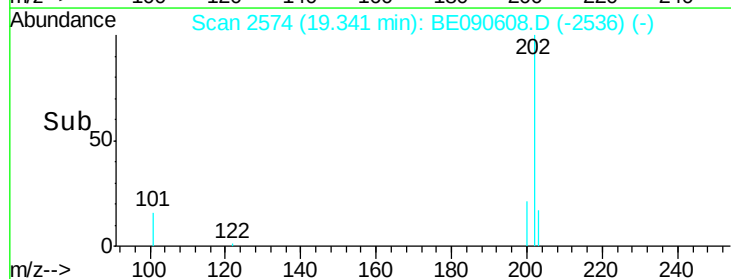
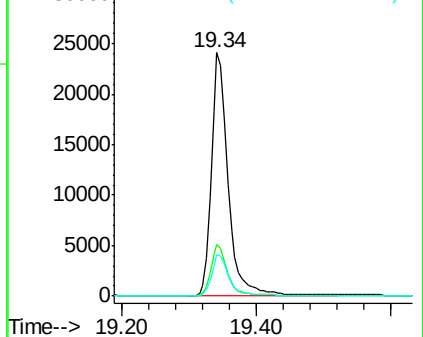
203 17.2 13.8 20.8

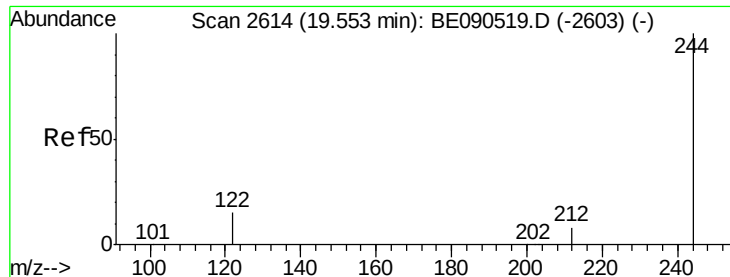


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

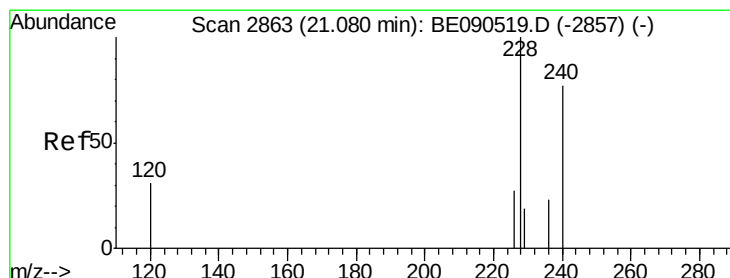
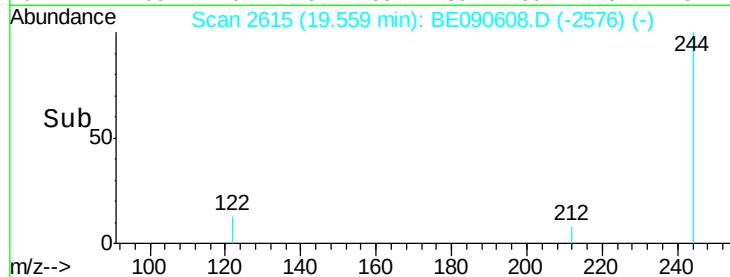
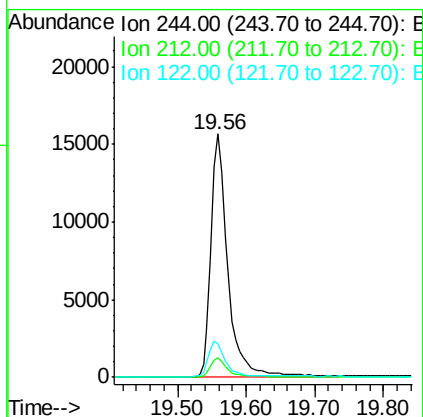
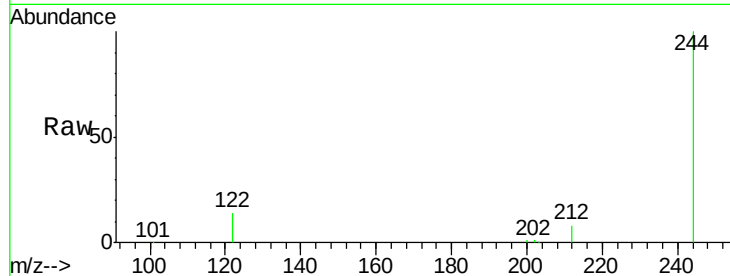




#27
 Terphenyl-d14
 Concen: 0.90 ng
 RT: 19.56 min Scan# 2615
 Delta R.T. 0.01 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

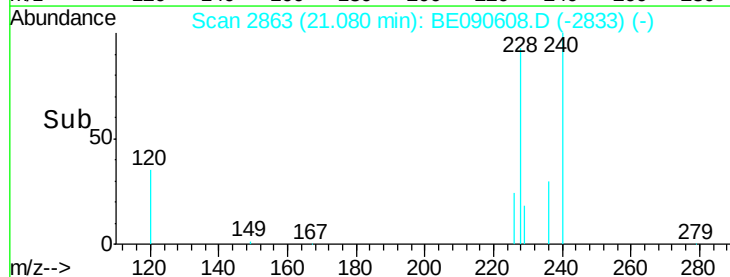
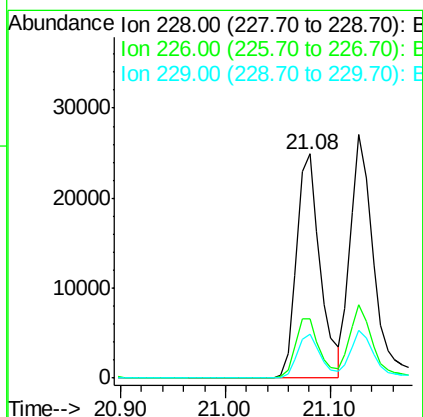
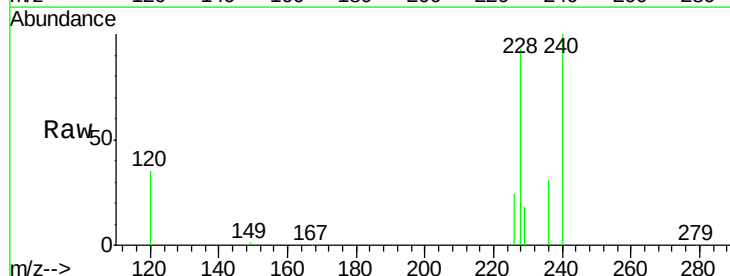
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

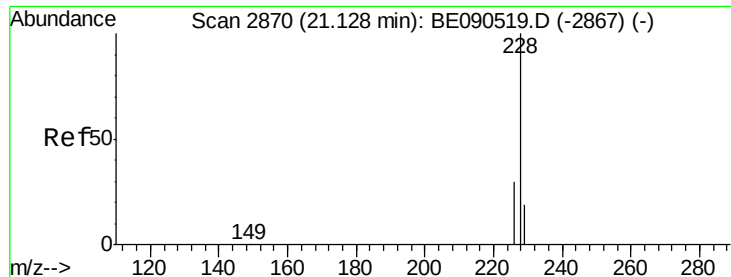
Tgt Ion: 244 Resp: 26209
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 14.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.92 ng
 RT: 21.08 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BE090608.D
 Acq: 24 Aug 2015 19:23

Tgt Ion: 228 Resp: 38380
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.9 32.9
 229 19.9 15.4 23.0





#29

Chrysene

Concen: 1.00 ng

RT: 21.13 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

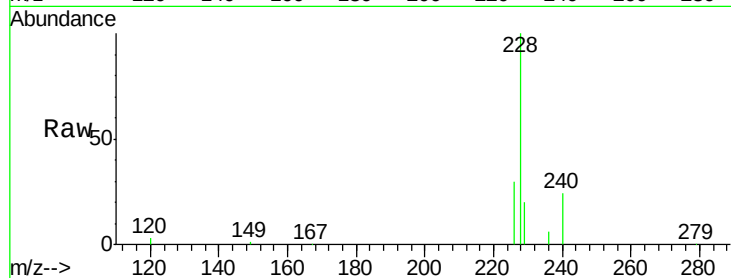
Tgt Ion:228 Resp: 42558

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

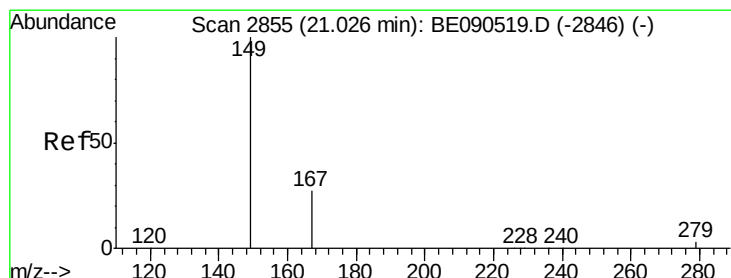
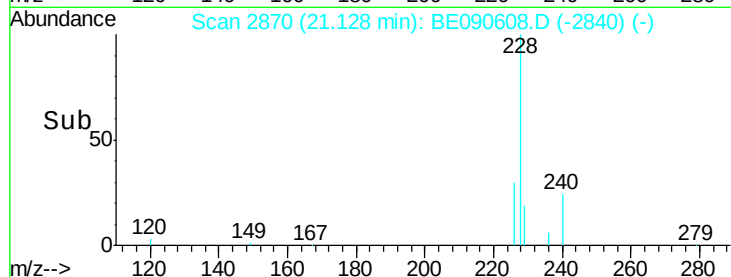
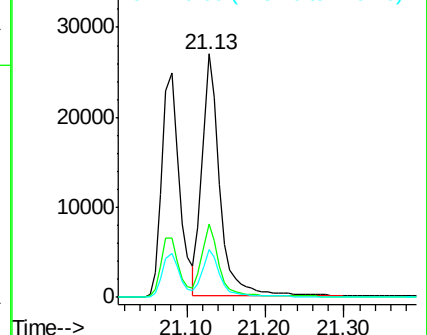
229 19.5 15.8 23.8



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: 0.65 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

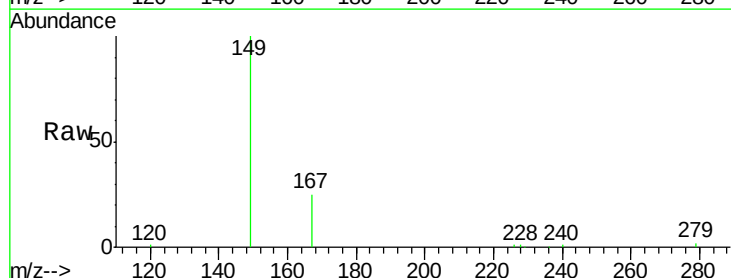
Tgt Ion:149 Resp: 13057

Ion Ratio Lower Upper

149 100

167 25.0 19.8 29.8

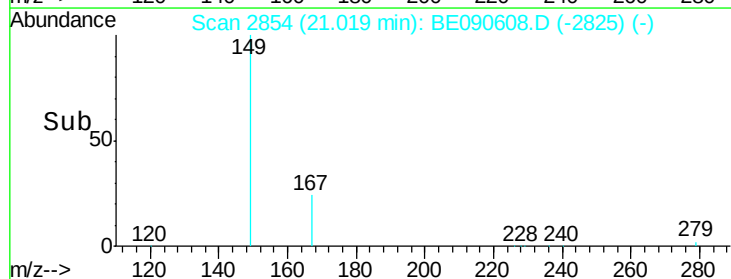
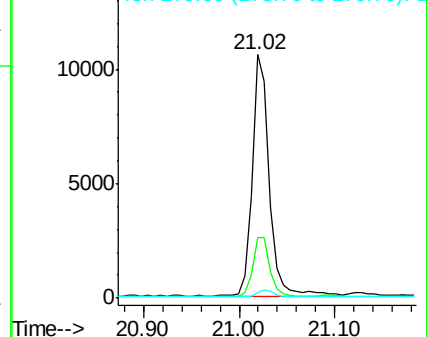
279 2.9 2.4 3.6

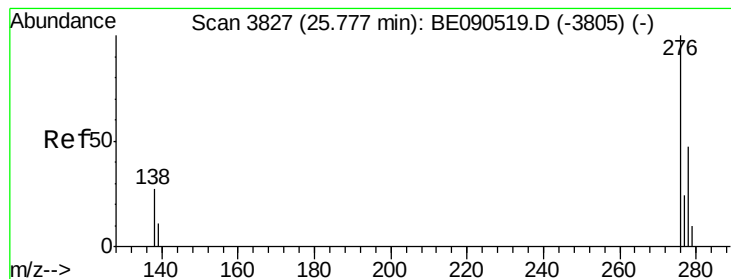


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.89 ng

RT: 25.79 min Scan# 3830

Delta R.T. 0.01 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

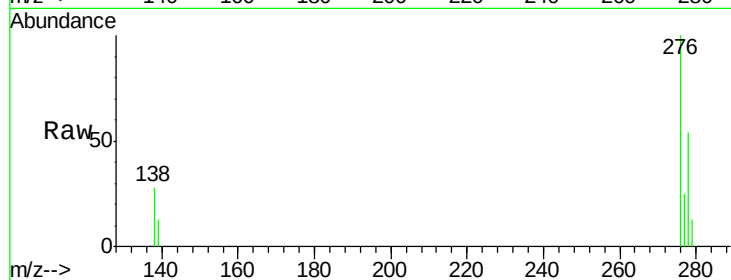
Tgt Ion: 276 Resp: 35637

Ion Ratio Lower Upper

276 100

138 28.9 18.8 28.2#

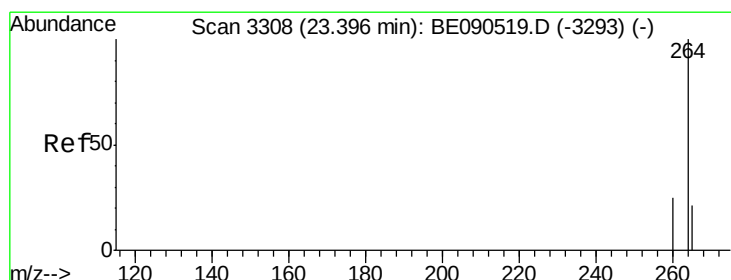
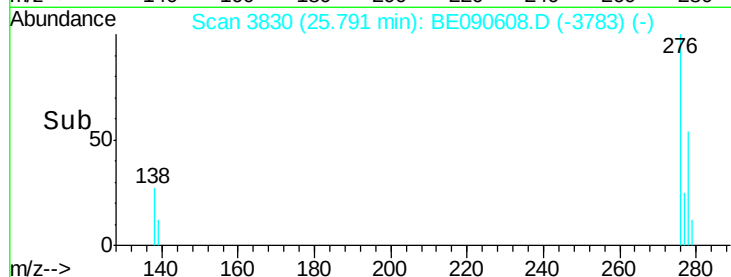
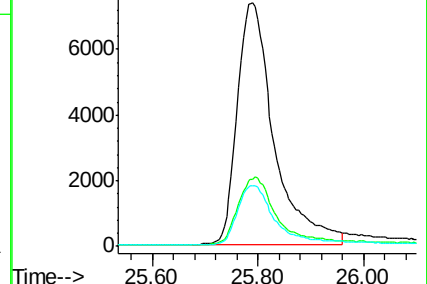
277 24.8 18.2 27.4



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: BE090608.D

Acq: 24 Aug 2015 19:23

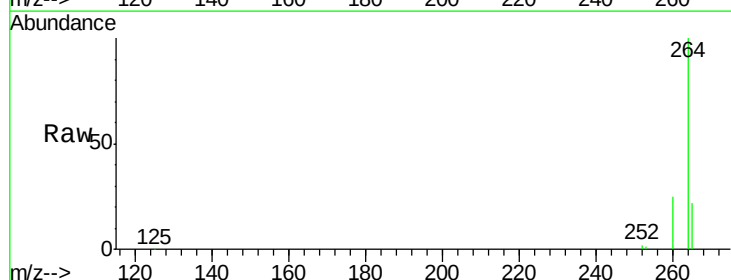
Tgt Ion: 264 Resp: 138325

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

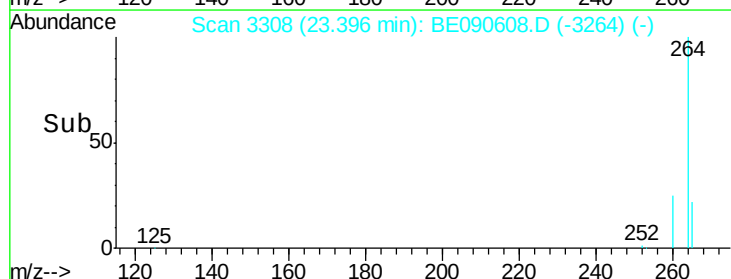
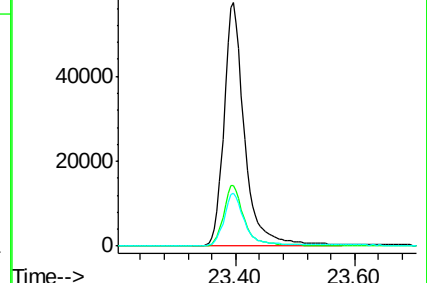
265 21.8 17.2 25.8

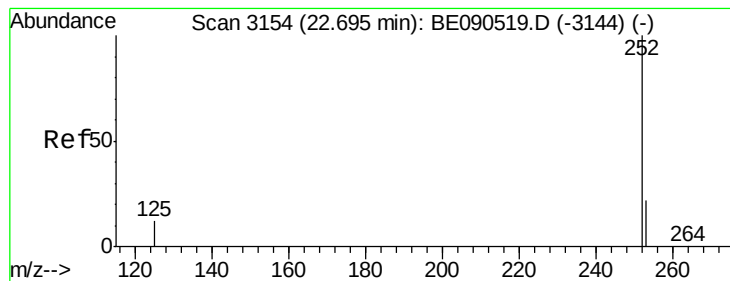


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.94 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

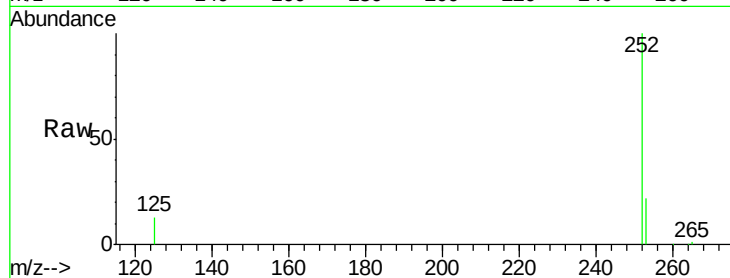
Tgt Ion:252 Resp: 30750

Ion Ratio Lower Upper

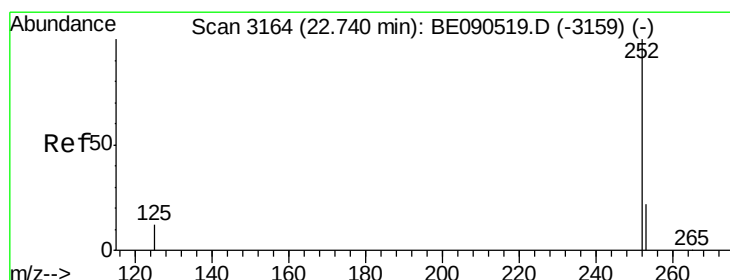
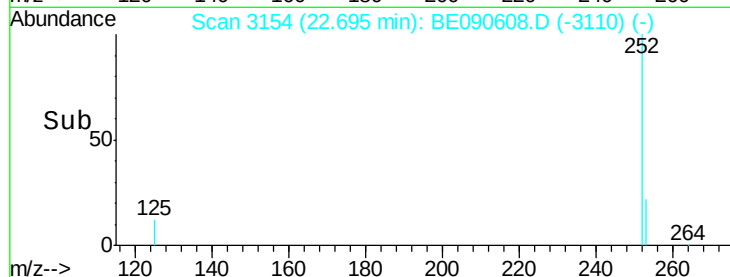
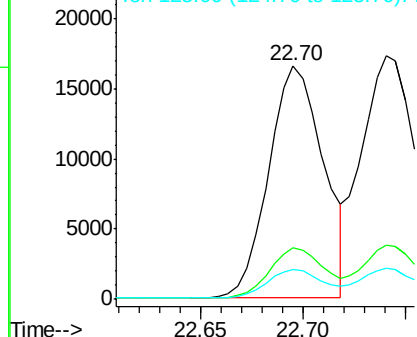
252 100

253 22.2 18.1 27.1

125 12.9 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: 1.03 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

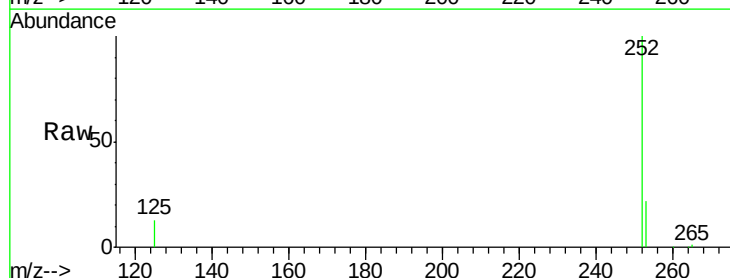
Tgt Ion:252 Resp: 38414

Ion Ratio Lower Upper

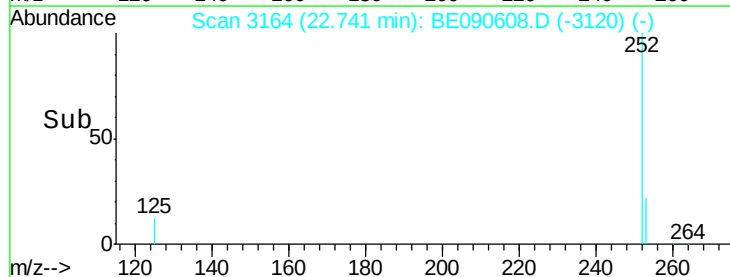
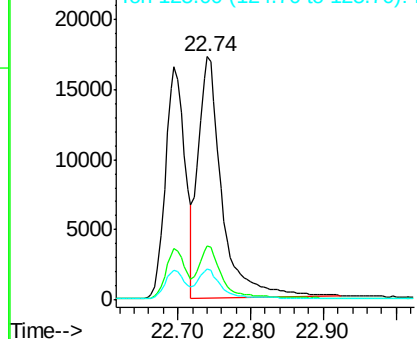
252 100

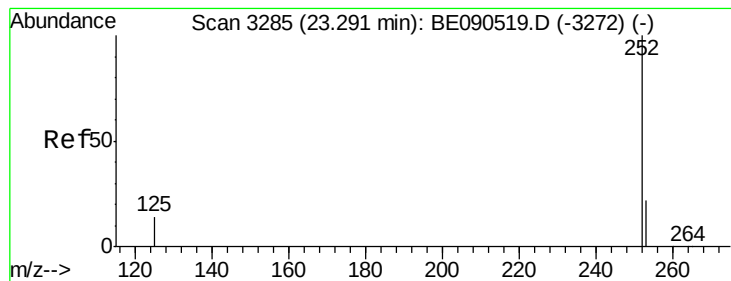
253 22.2 18.1 27.1

125 12.8 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: 0.94 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

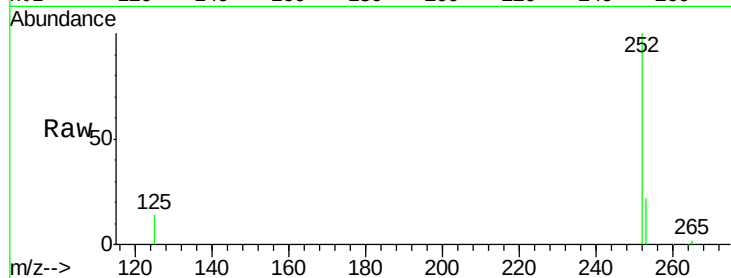
Tgt Ion:252 Resp: 28895

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

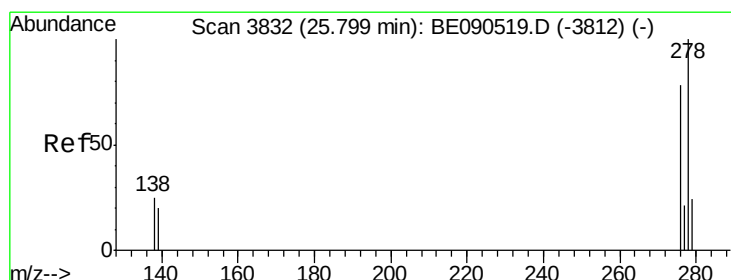
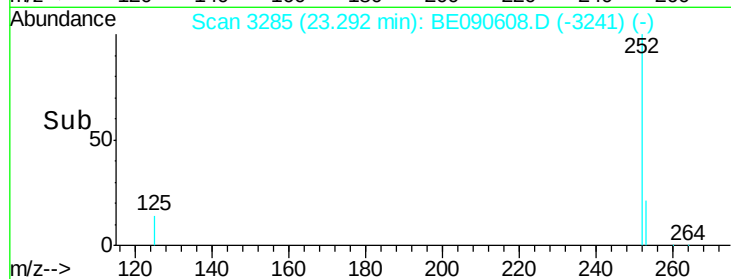
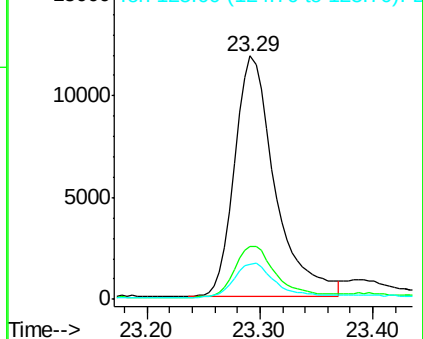
125 14.4 9.8 14.6



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: 0.91 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.01 min

Lab File: BE090608.D

Acq: 24 Aug 2015 19:23

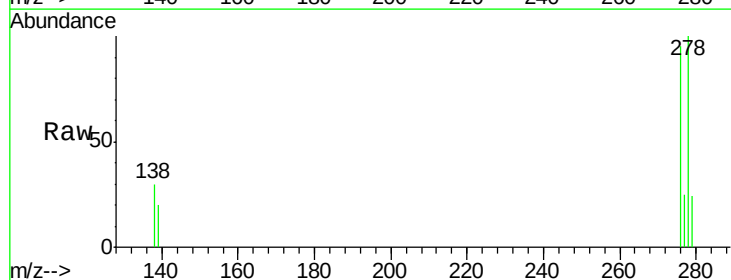
Tgt Ion:278 Resp: 26961

Ion Ratio Lower Upper

278 100

139 19.7 14.2 21.4

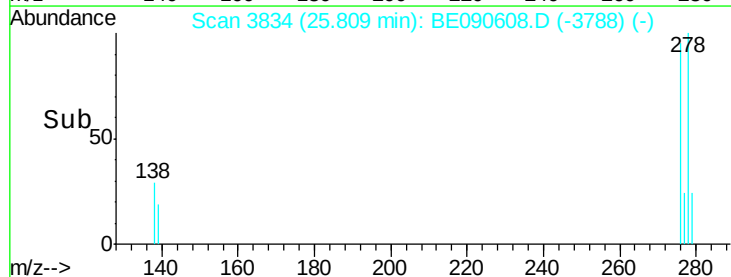
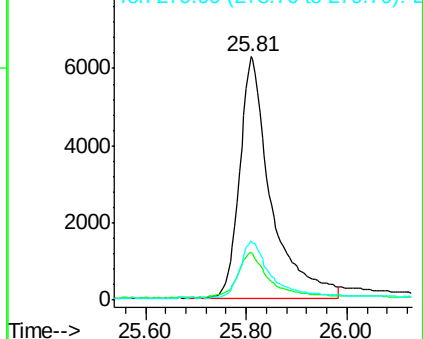
279 24.3 20.1 30.1

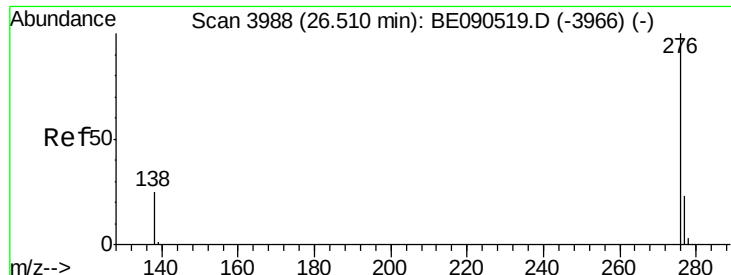


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.93 ng

RT: 26.51 min Scan# 3988

Delta R.T. 0.00 min

Lab File: BE090608.D

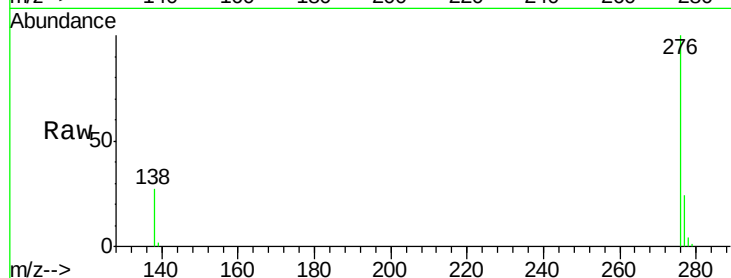
Acq: 24 Aug 2015 19:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 29978

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 26.5 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

