

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090583.D
 Acq On : 20 Aug 2015 20:35
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 21 01:33:01 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

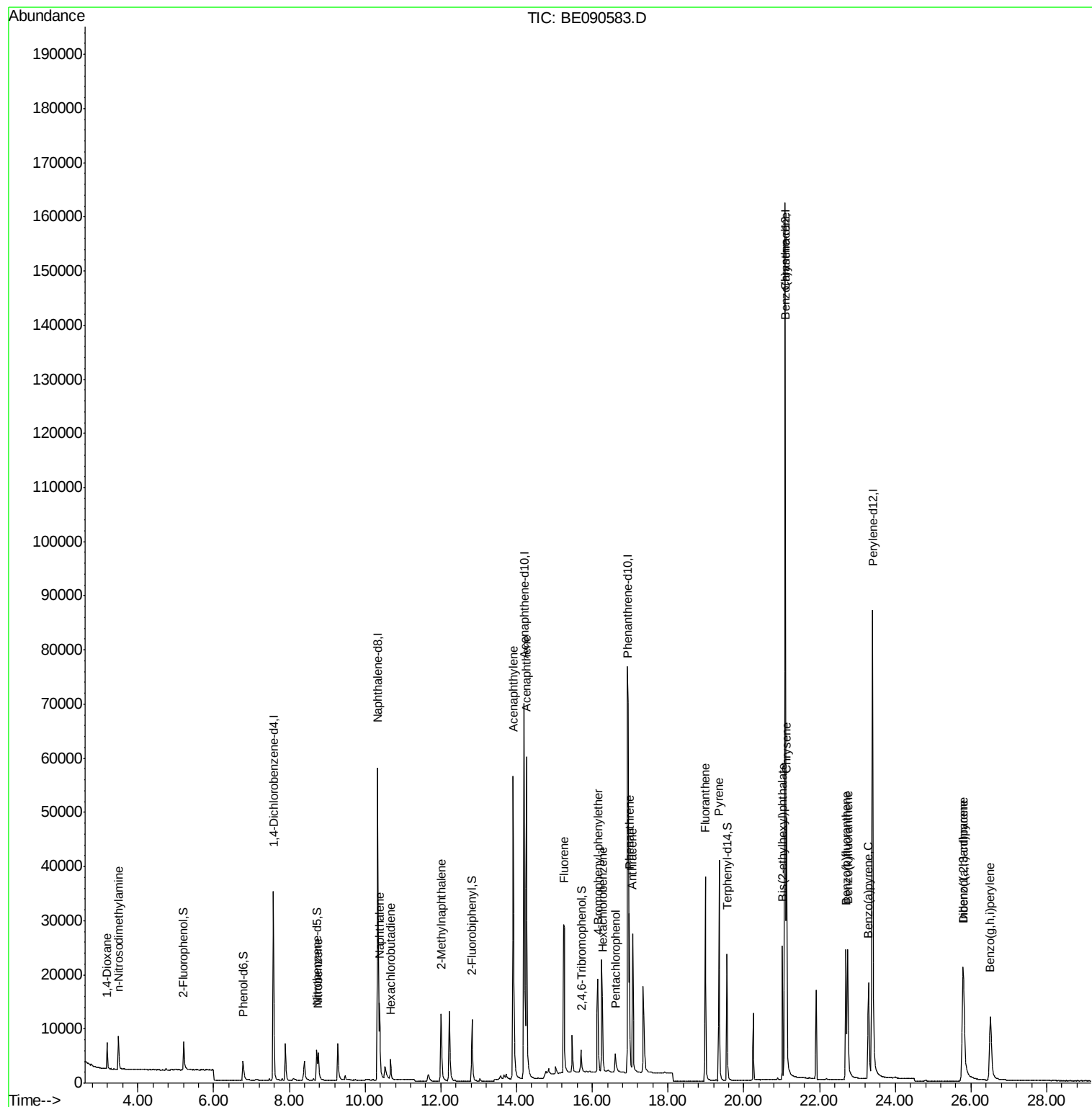
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18399	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	85232	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51405	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	130420	5.00	ng	0.00
25) Chrysene-d12	21.09	240	151546	5.00	ng	0.00
32) Perylene-d12	23.40	264	138259	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4892	0.92	ng	0.00
5) Phenol-d6	6.78	99	6572	0.84	ng	0.00
7) Nitrobenzene-d5	8.72	82	6841	1.01	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2381	1.20	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	14939	0.97	ng	0.00
27) Terphenyl-d14	19.56	244	26762	0.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	2729	1.25	ng	94
3) n-Nitrosodimethylamine	3.49	42	3528	1.11	ng	# 76
8) Nitrobenzene	8.76	77	6808	0.97	ng	95
9) Naphthalene	10.39	128	18937	0.98	ng	99
10) Hexachlorobutadiene	10.67	225	2816	0.99	ng	100
11) 2-Methylnaphthalene	12.01	142	12912	1.02	ng	95
15) Acenaphthylene	13.91	152	92666	0.99	ng	100
16) Acenaphthene	14.26	154	14119	1.00	ng	# 76
17) Fluorene	15.26	166	18272	1.06	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	5146	0.97	ng	79
20) Hexachlorobenzene	16.27	284	22365	0.95	ng	96
21) Pentachlorophenol	16.61	266	2759	1.22	ng	94
22) Phenanthrene	16.98	178	32989	0.96	ng	100
23) Anthracene	17.07	178	31572	1.00	ng	100
24) Fluoranthene	18.98	202	39033	1.07	ng	99
26) Pyrene	19.34	202	40693	0.94	ng	100
28) Benzo(a)anthracene	21.08	228	38755	0.97	ng	99
29) Chrysene	21.13	228	40404	0.99	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	22608	1.06	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	36842	0.96	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	32704	1.00	ng	99
34) Benzo(k)fluoranthene	22.74	252	37522	1.01	ng	98
35) Benzo(a)pyrene	23.29	252	30301	0.99	ng	# 97
36) Dibenzo(a,h)anthracene	25.80	278	28372	0.96	ng	96
37) Benzo(g,h,i)perylene	26.51	276	31868	0.99	ng	94

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

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QLast Update : Fri Aug 14 16:52:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

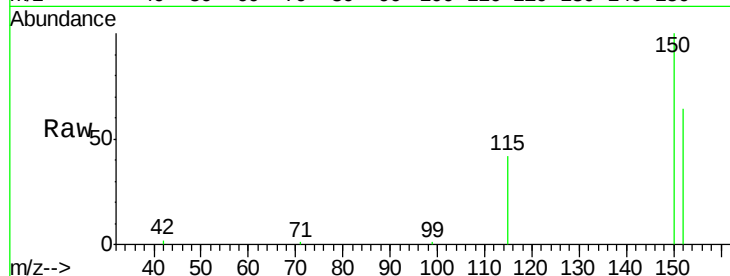
Tgt Ion:152 Resp: 18399

Ion Ratio Lower Upper

152 100

150 155.7 123.0 184.4

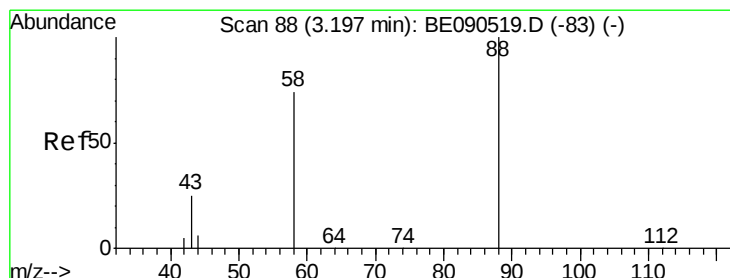
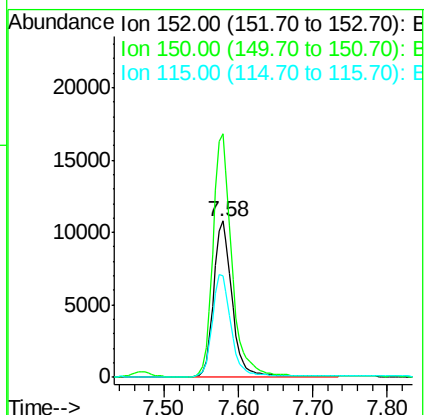
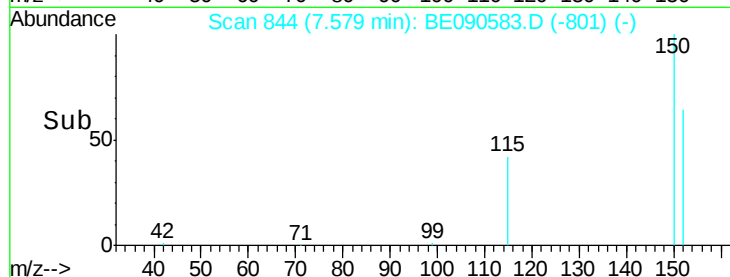
115 65.1 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.25 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

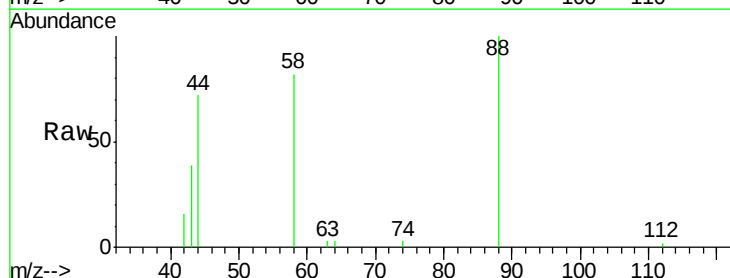
Tgt Ion: 88 Resp: 2729

Ion Ratio Lower Upper

88 100

58 82.5 70.0 105.0

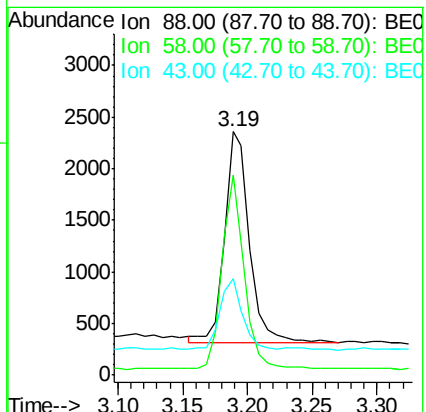
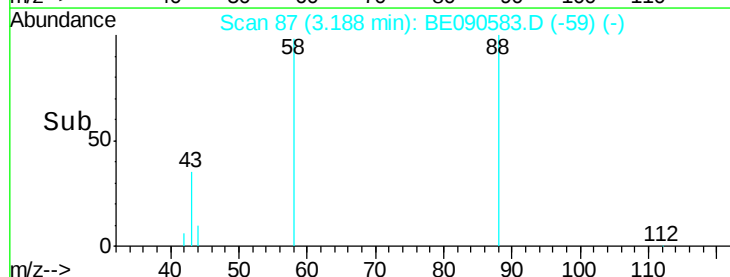
43 30.6 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.11 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

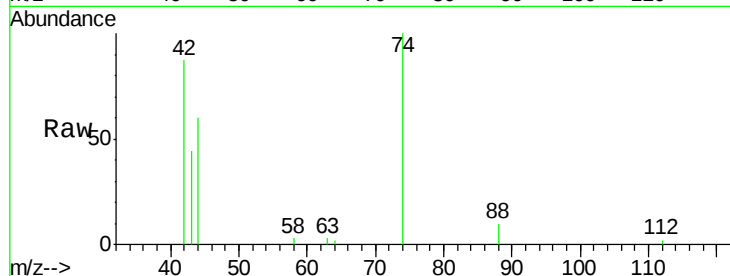
Tgt Ion: 42 Resp: 3528

Ion Ratio Lower Upper

42 100

74 119.4 75.2 112.8#

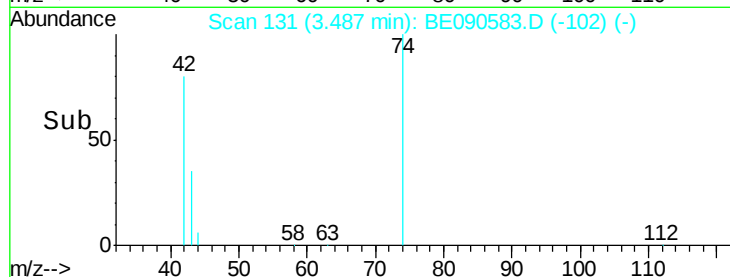
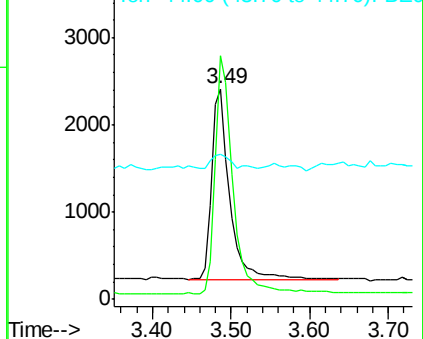
44 7.9 8.7 13.1#



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: 0.92 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

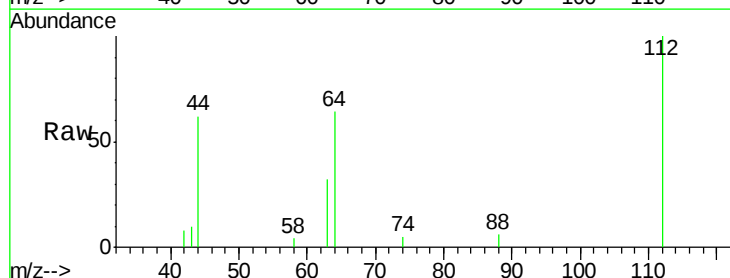
Tgt Ion: 112 Resp: 4892

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

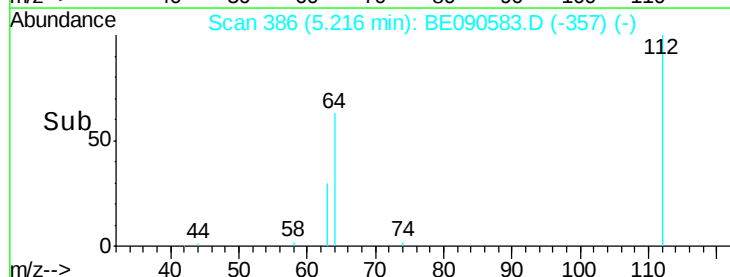
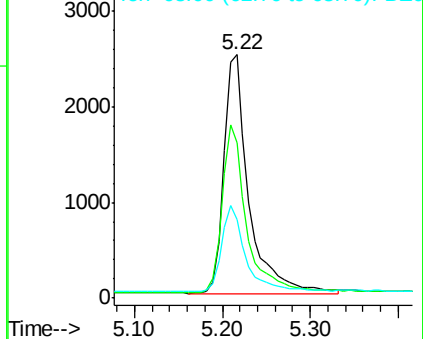
63 35.6 19.5 29.3#

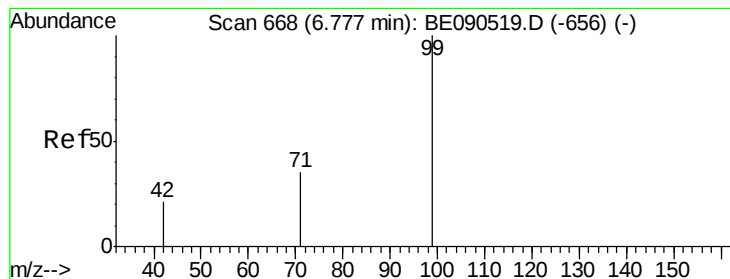


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.84 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

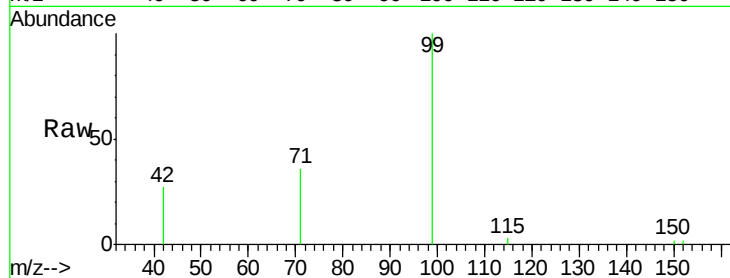
Tgt Ion: 99 Resp: 6572

Ion Ratio Lower Upper

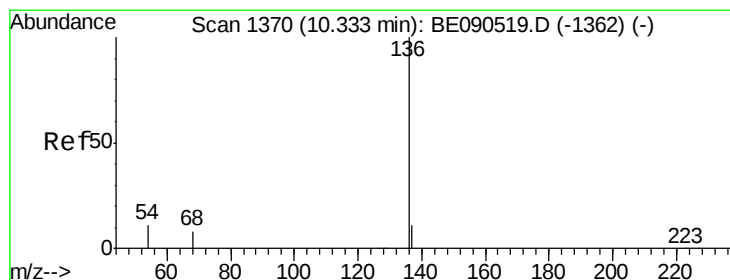
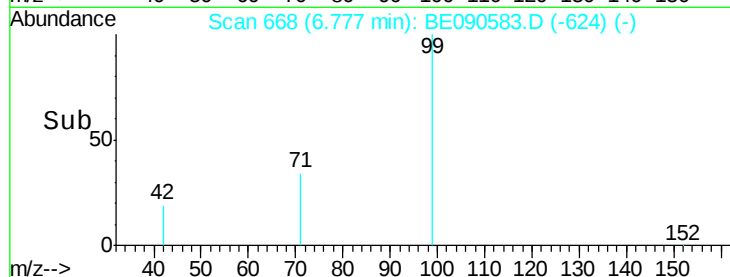
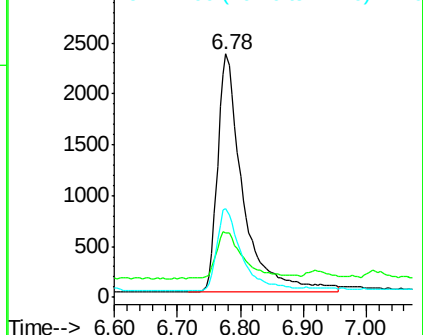
99 100

42 20.2 18.2 27.4

71 34.3 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: BE090583.D

Acq: 20 Aug 2015 20:35

Tgt Ion: 136 Resp: 85232

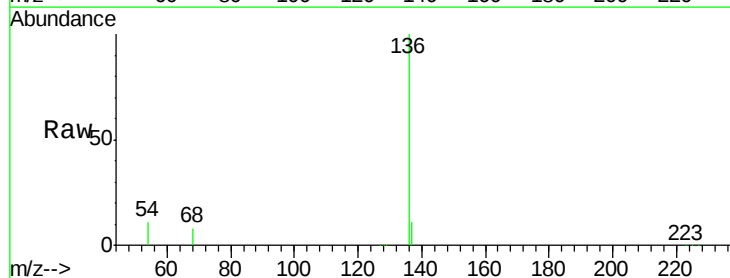
Ion Ratio Lower Upper

136 100

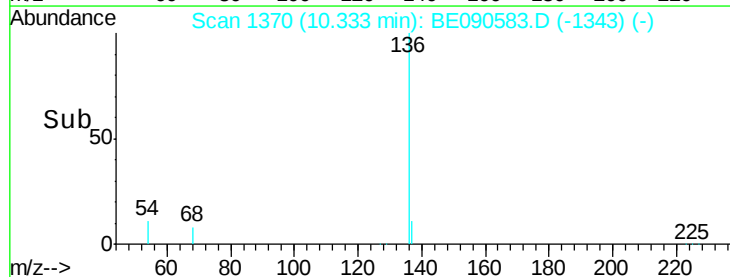
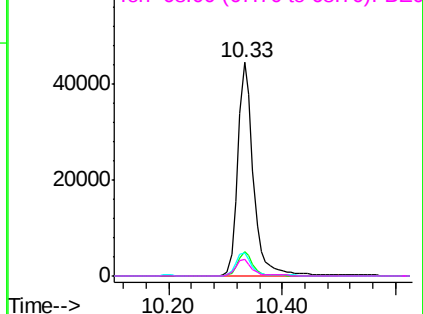
137 11.1 8.7 13.1

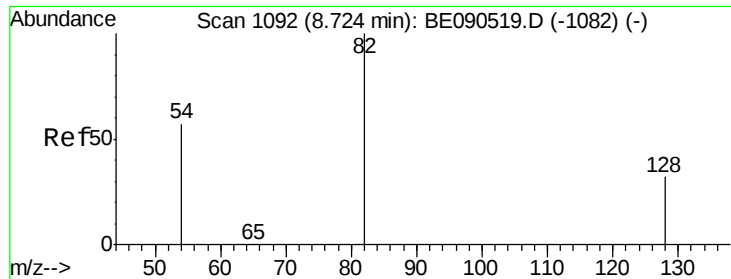
54 10.9 9.4 14.0

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: 1.01 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

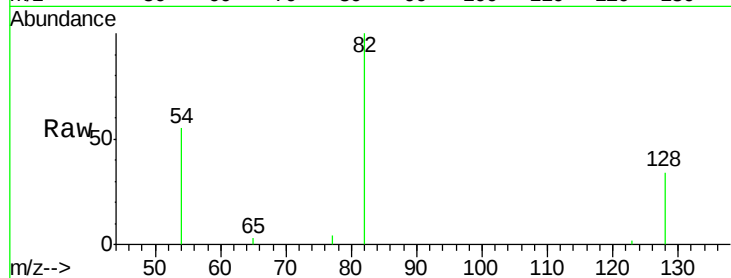
Tgt Ion: 82 Resp: 6841

Ion Ratio Lower Upper

82 100

128 33.6 25.0 37.6

54 54.9 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

8.72

4000

3000

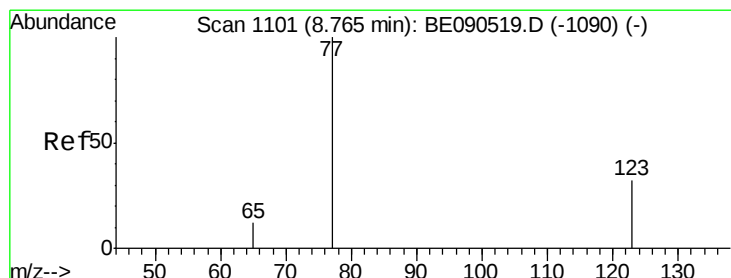
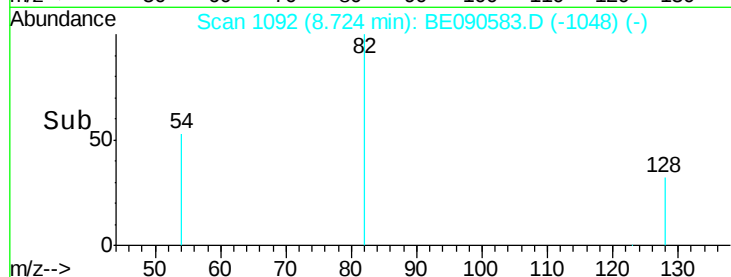
2000

1000

0

8.60 8.70 8.80 8.90

Time-->



#8

Nitrobenzene

Concen: 0.97 ng

RT: 8.76 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

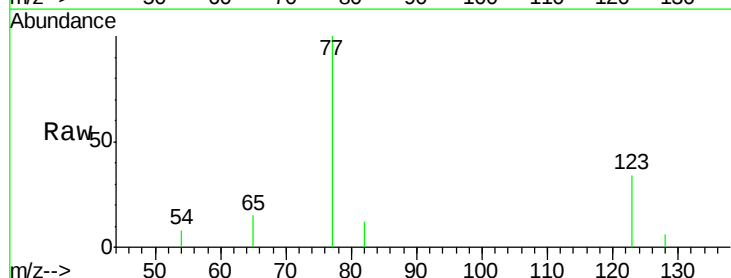
Tgt Ion: 77 Resp: 6808

Ion Ratio Lower Upper

77 100

123 34.1 25.1 37.7

65 13.0 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.76

4000

3000

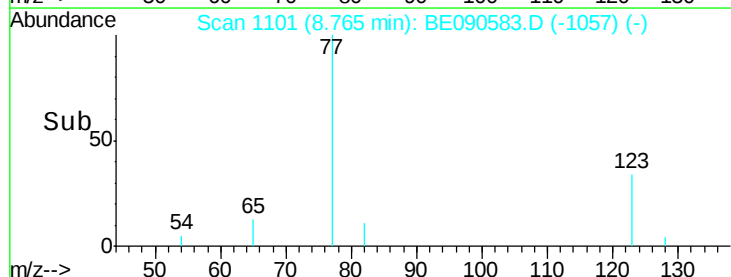
2000

1000

0

8.70 8.80 8.90

Time-->





#9

Naphthalene

Concen: 0.98 ng

RT: 10.39 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

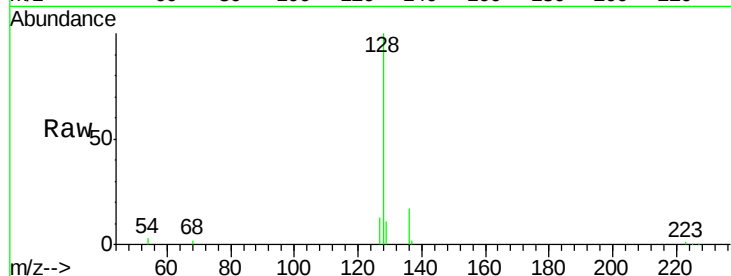
Tgt Ion:128 Resp: 18937

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

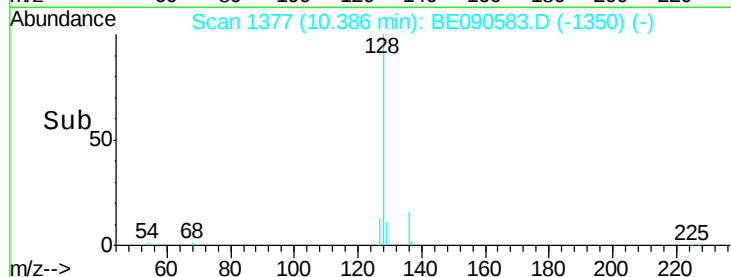
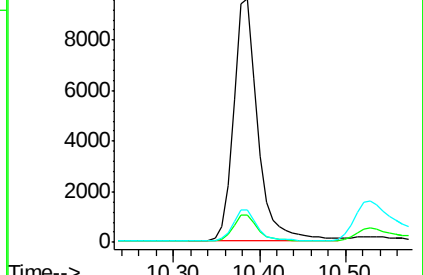
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.99 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

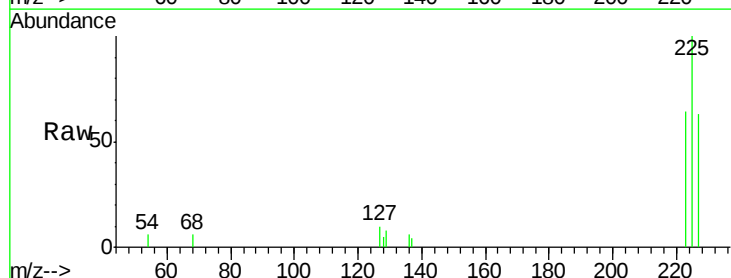
Tgt Ion:225 Resp: 2816

Ion Ratio Lower Upper

225 100

223 63.0 50.6 75.8

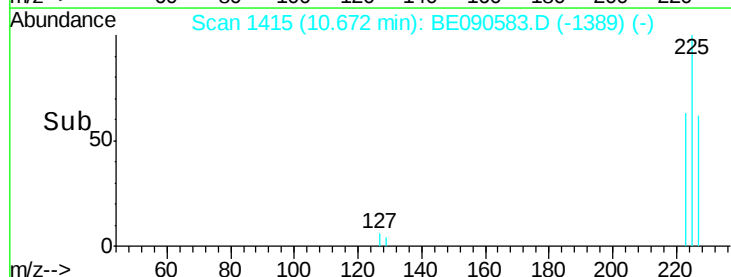
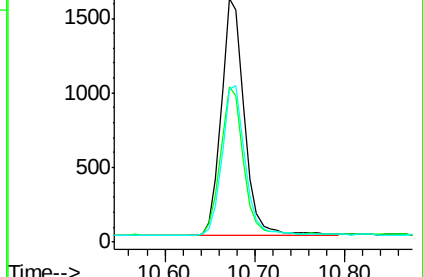
227 63.2 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.02 ng

RT: 12.01 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

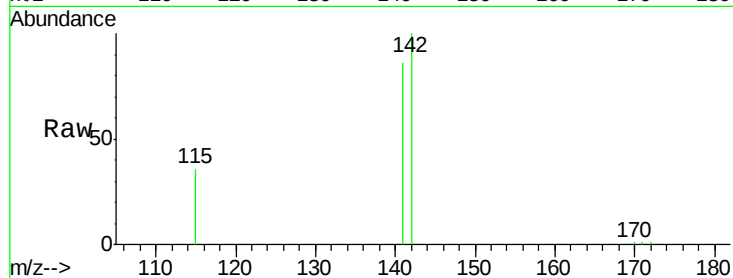
Tgt Ion:142 Resp: 12912

Ion Ratio Lower Upper

142 100

141 86.1 72.6 109.0

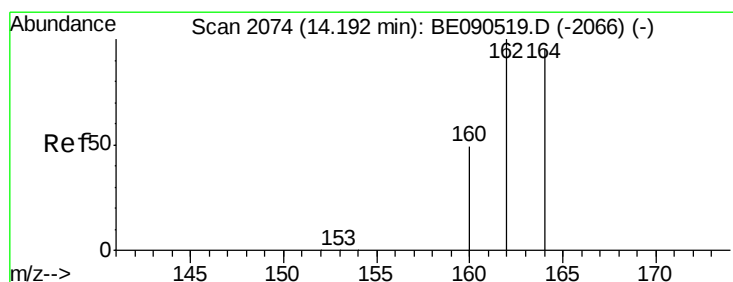
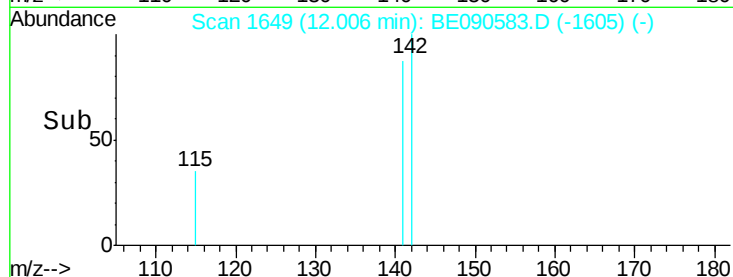
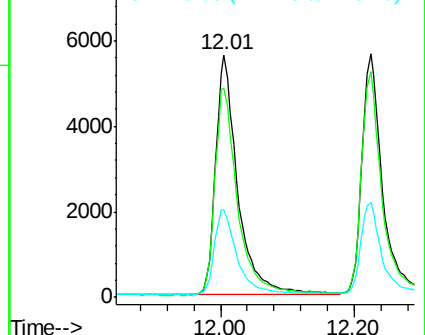
115 36.1 31.6 47.4



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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

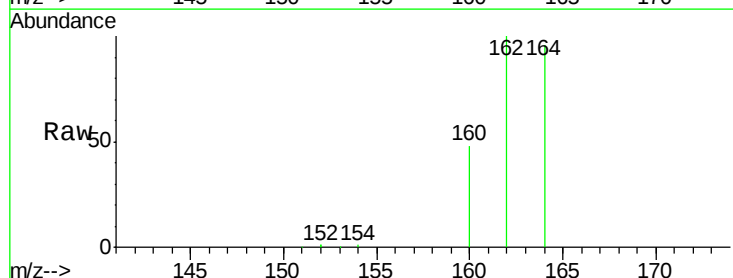
Tgt Ion:164 Resp: 51405

Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.8

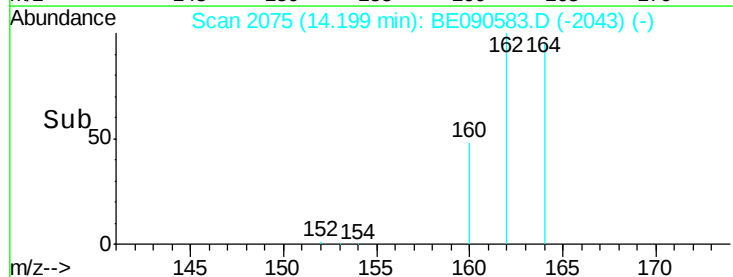
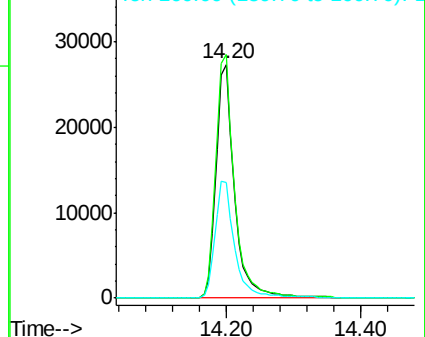
160 49.6 44.2 66.4



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

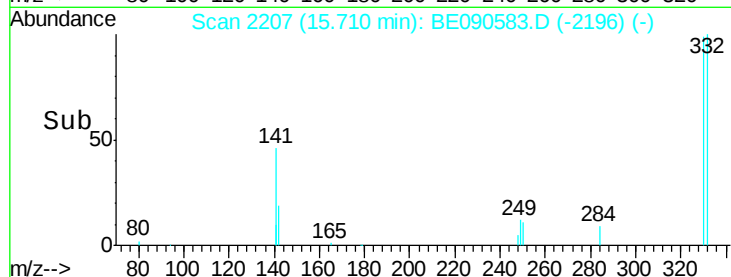
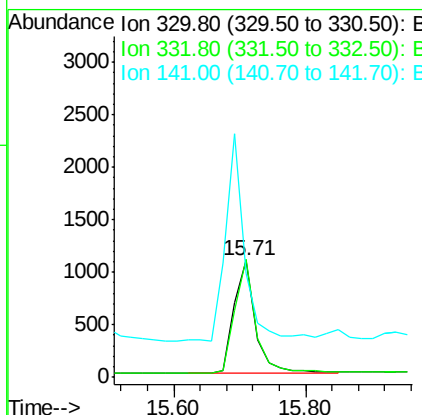
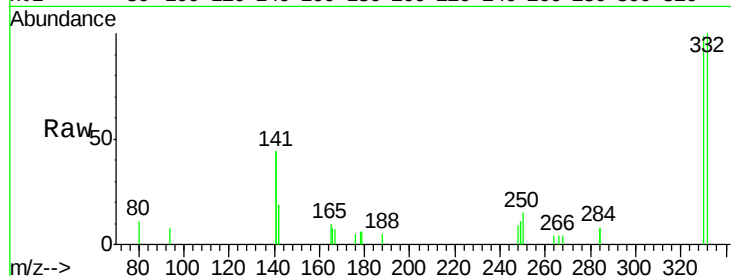




#13
 2,4,6-Tribromophenol
 Concen: 1.20 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090583.D
 Acq: 20 Aug 2015 20:35

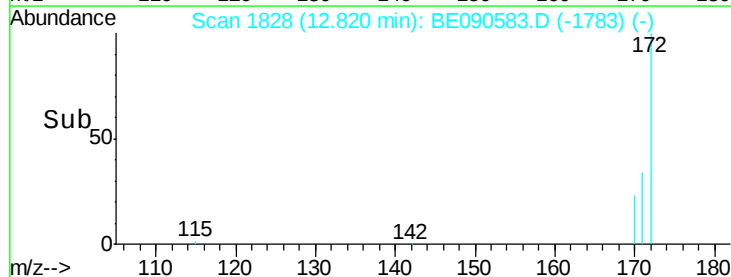
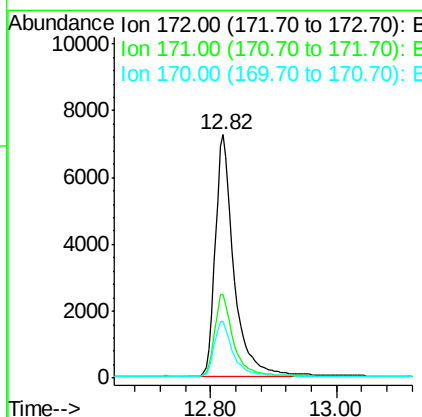
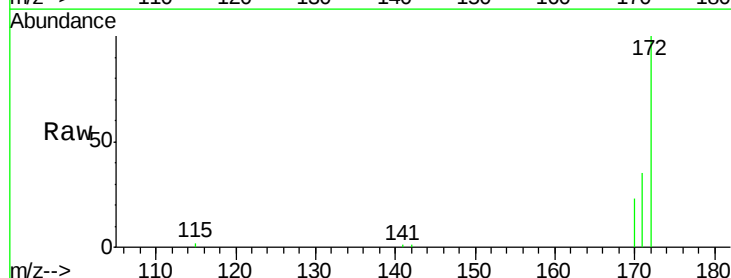
Instrument :
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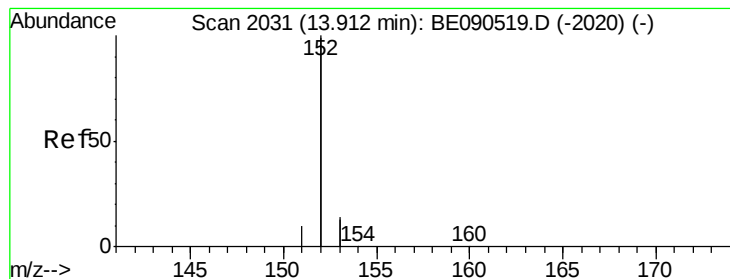
Tgt Ion:330 Resp: 2381
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 166.2 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090583.D
 Acq: 20 Aug 2015 20:35

Tgt Ion:172 Resp: 14939
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.4 19.8 29.8





#15

Acenaphthylene

Concen: 0.99 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

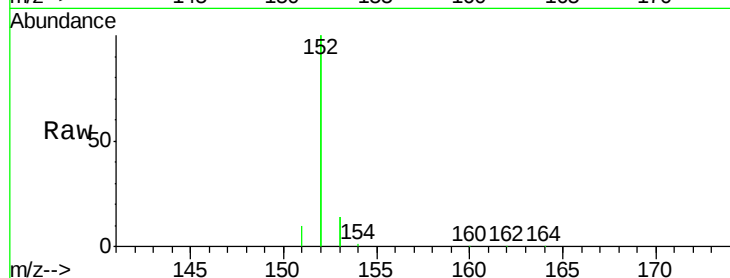
Tgt Ion:152 Resp: 92666

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

153 13.1 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

60000

50000

40000

30000

20000

10000

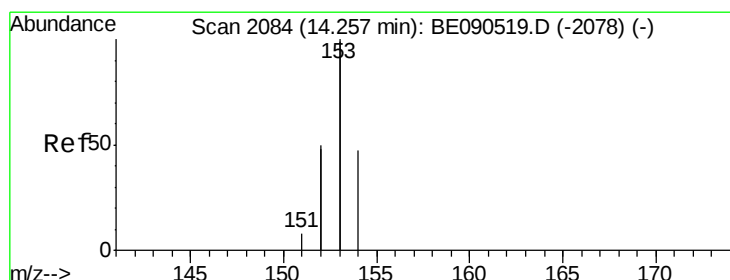
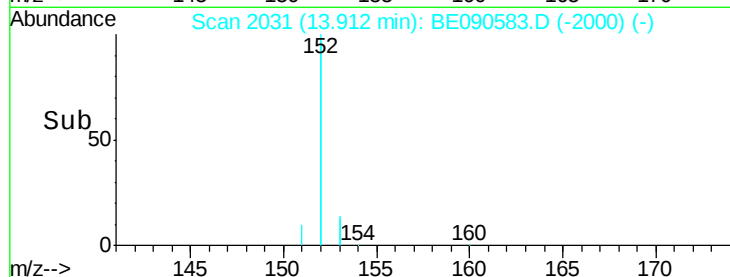
0

13.80

13.91

14.00

Time-->



#16

Acenaphthene

Concen: 1.00 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

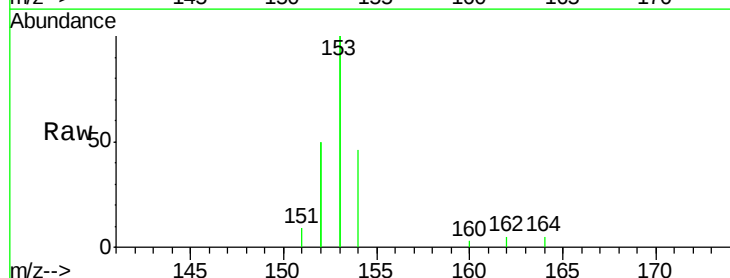
Tgt Ion:154 Resp: 14119

Ion Ratio Lower Upper

154 100

153 427.8 376.2 564.2

152 223.5 235.0 352.4#



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

40000

30000

20000

10000

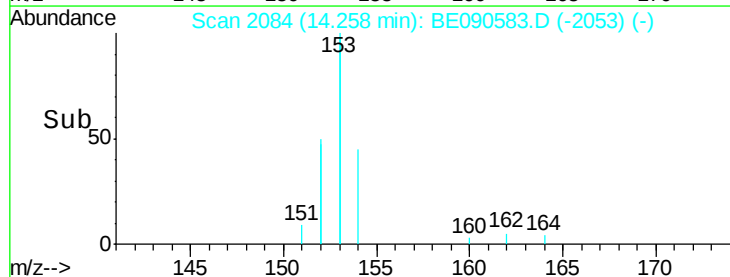
0

14.20

14.26

14.40

Time-->

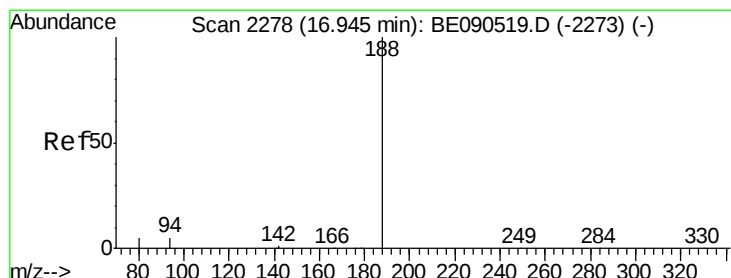
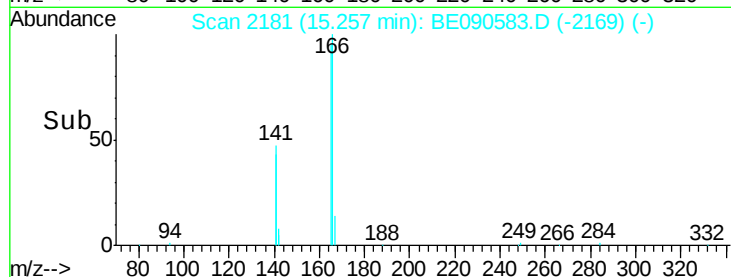
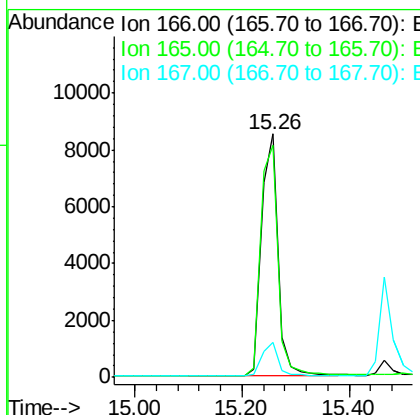
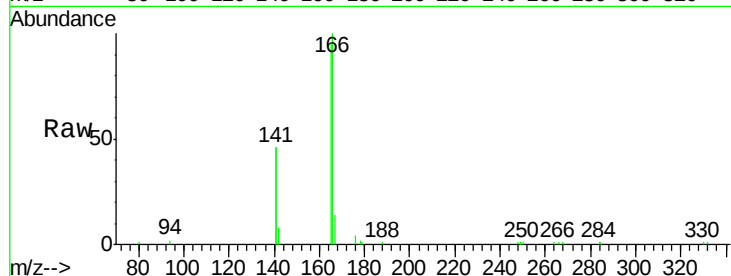




#17
Fluorene
 Concen: 1.06 ng
 RT: 15.26 min Scan# 2181
 Delta R.T. 0.02 min
 Lab File: BE090583.D
 Acq: 20 Aug 2015 20:35

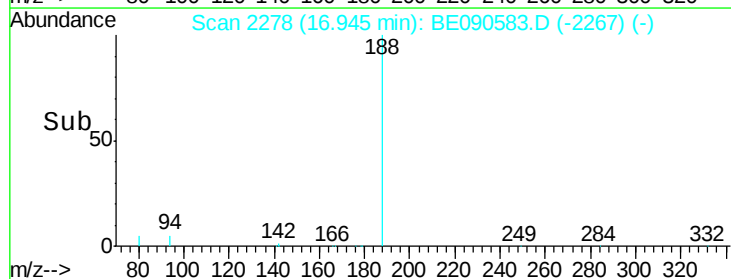
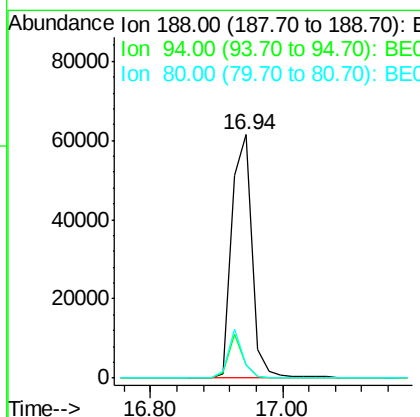
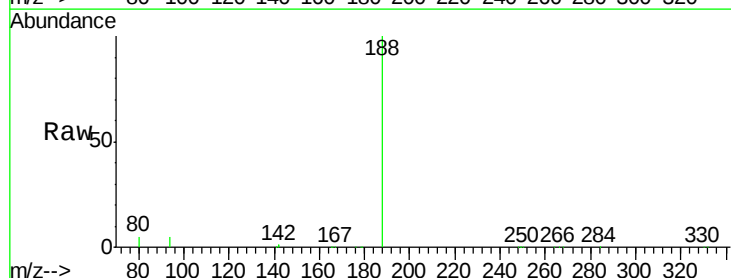
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

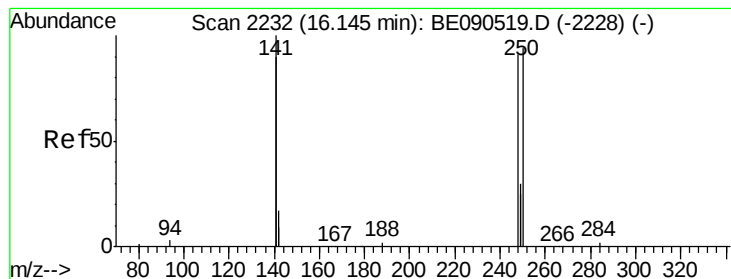
Tgt Ion:166 Resp: 18272
 Ion Ratio Lower Upper
 166 100
 165 100.0 81.5 122.3
 167 14.0 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090583.D
 Acq: 20 Aug 2015 20:35

Tgt Ion:188 Resp: 130420
 Ion Ratio Lower Upper
 188 100
 94 5.2 5.7 8.5#
 80 5.5 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 0.97 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

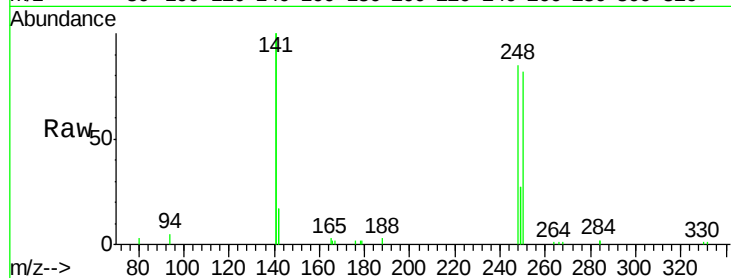
Tgt Ion:248 Resp: 5146

Ion Ratio Lower Upper

248 100

250 95.8 79.0 118.6

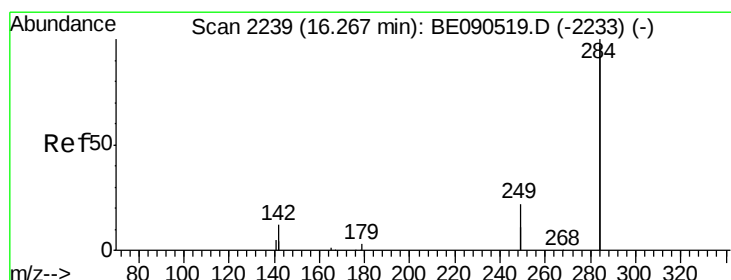
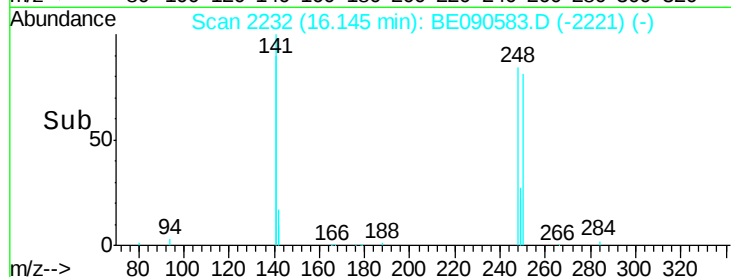
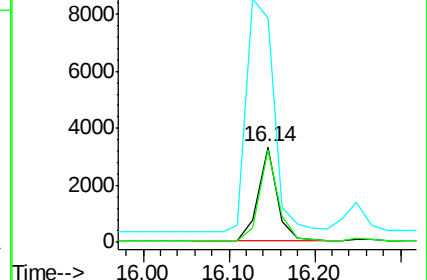
141 352.5 239.5 359.3



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: 0.95 ng

RT: 16.27 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

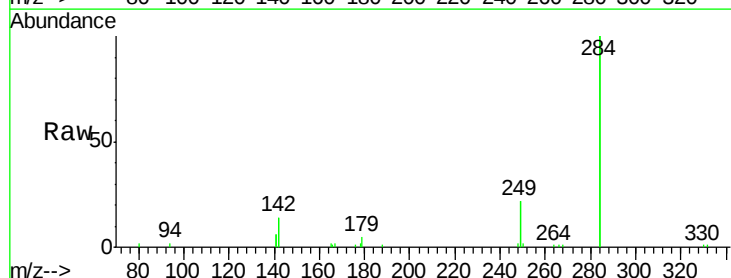
Tgt Ion:284 Resp: 22365

Ion Ratio Lower Upper

284 100

142 41.8 30.1 45.1

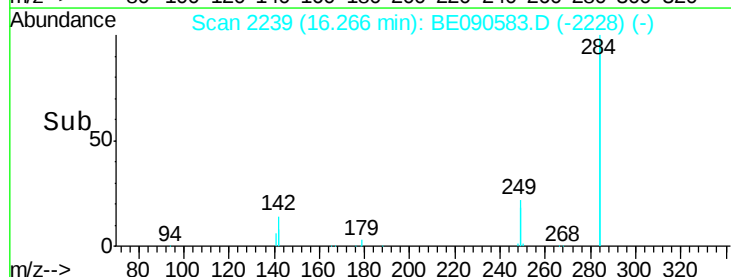
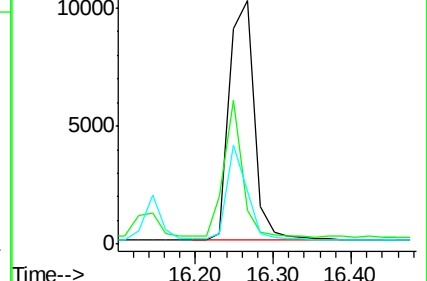
249 31.6 25.7 38.5

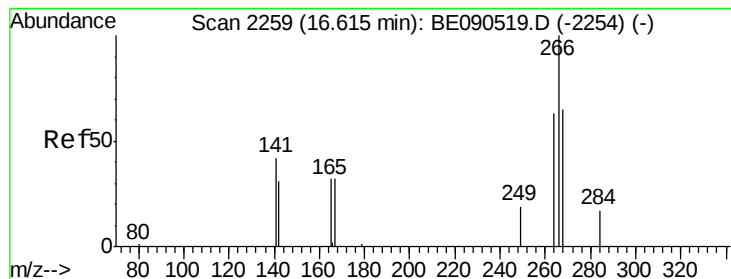


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.22 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

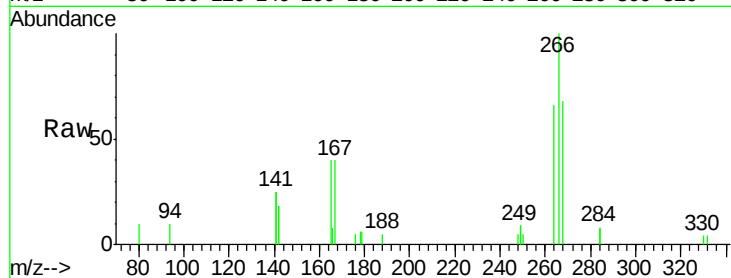
Tgt Ion:266 Resp: 2759

Ion Ratio Lower Upper

266 100

268 67.6 58.5 87.7

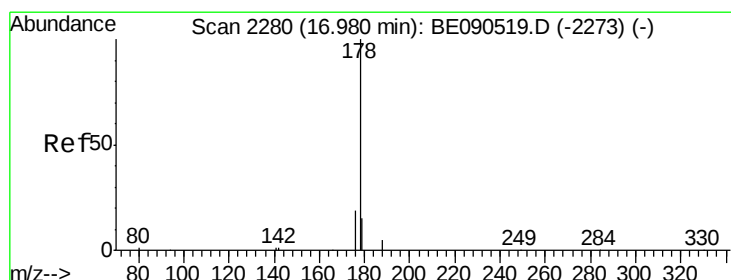
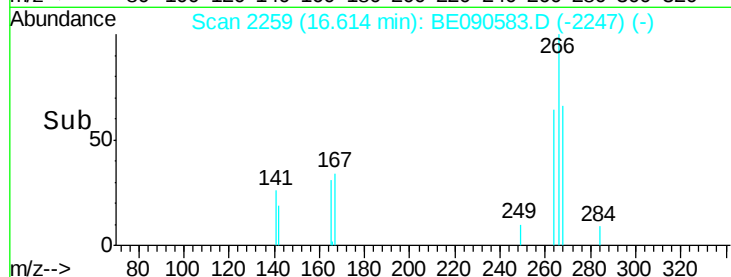
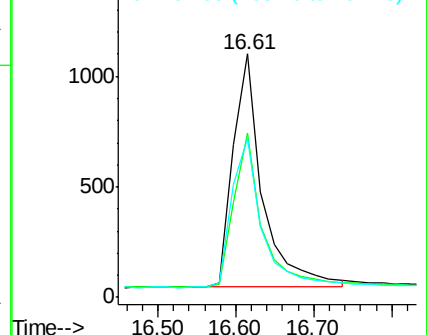
264 65.6 56.0 84.0



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: 0.96 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

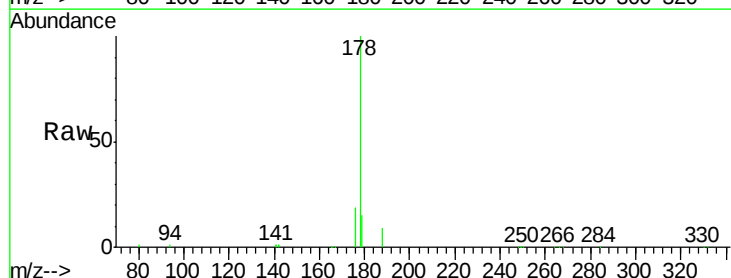
Tgt Ion:178 Resp: 32989

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

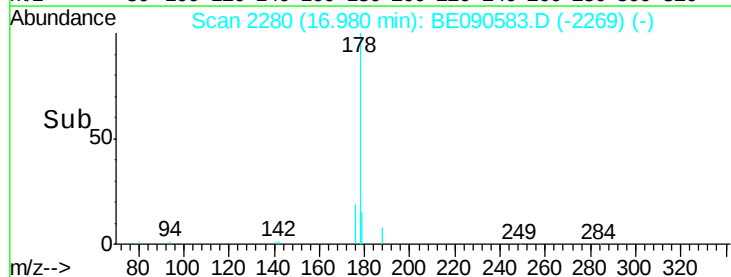
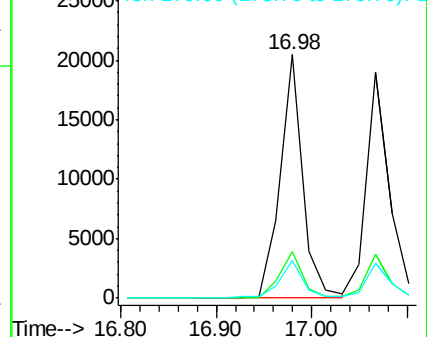
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.00 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

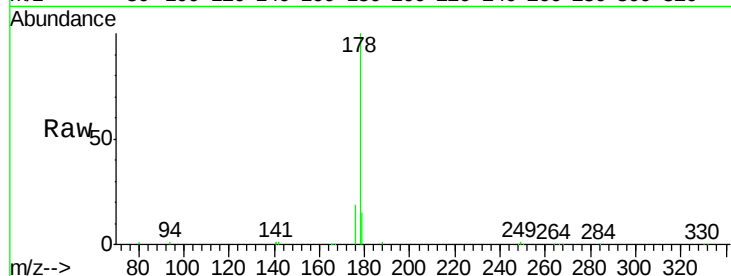
Tgt Ion:178 Resp: 31572

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

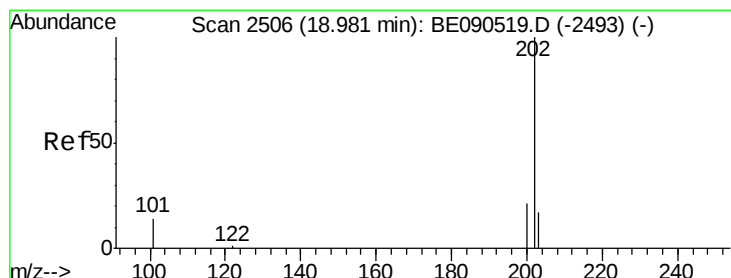
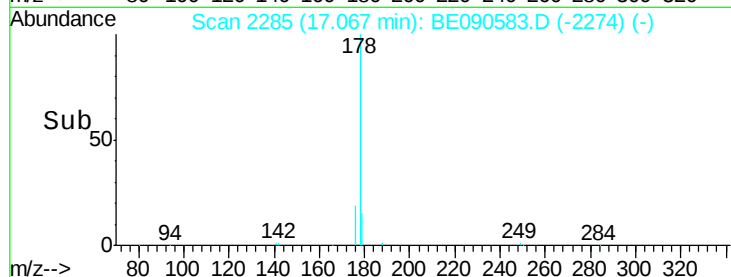
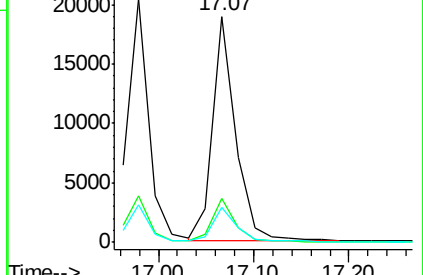
179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 1.07 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

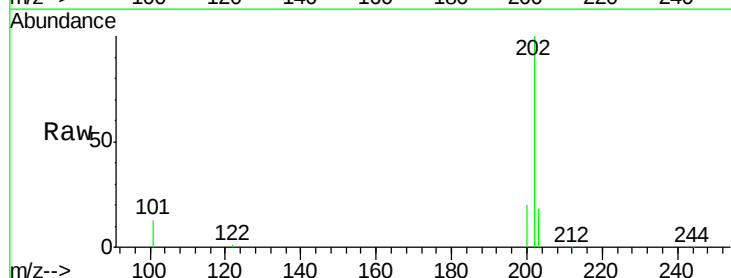
Tgt Ion:202 Resp: 39033

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

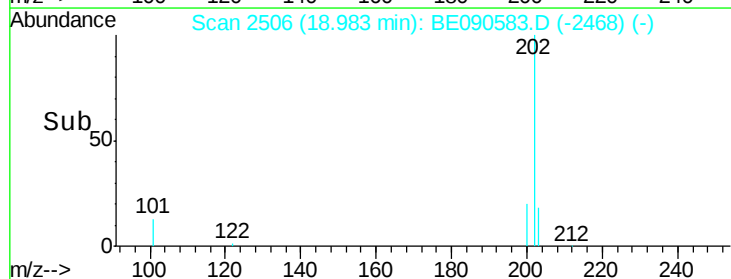
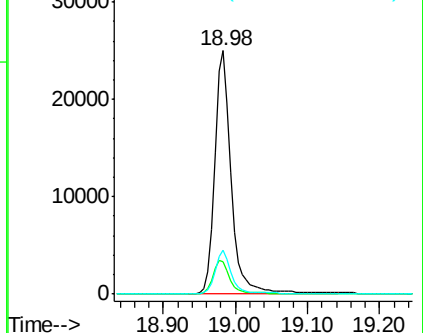
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

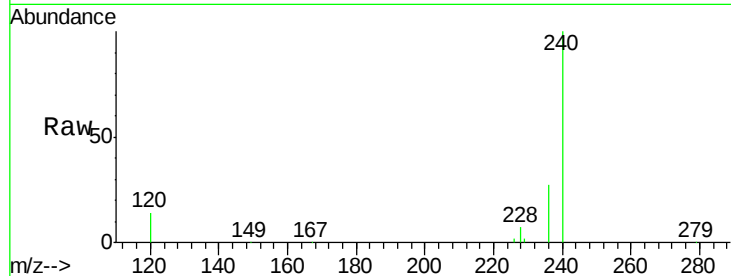
Tgt Ion:240 Resp: 151546

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

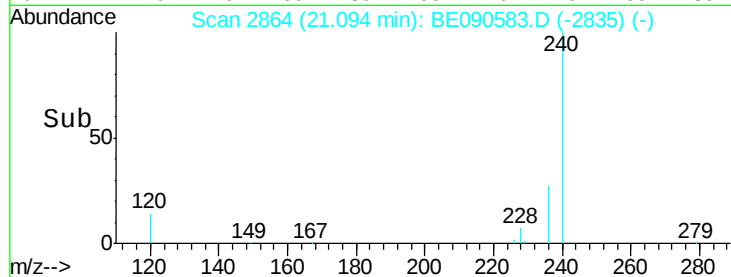
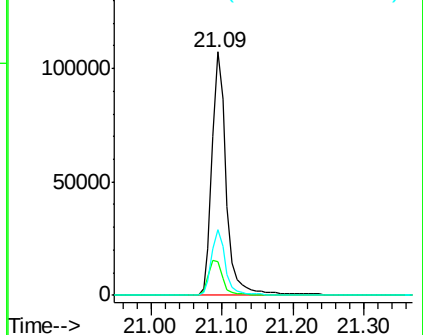
236 27.1 21.0 31.4



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: 0.94 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

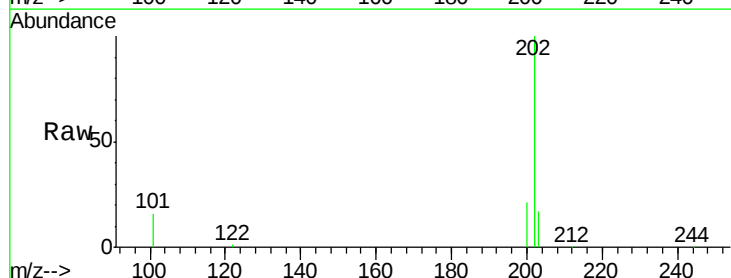
Tgt Ion:202 Resp: 40693

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

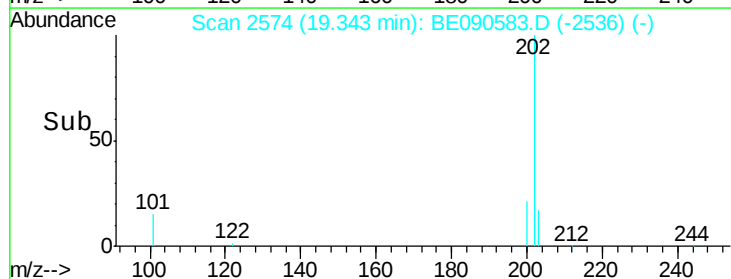
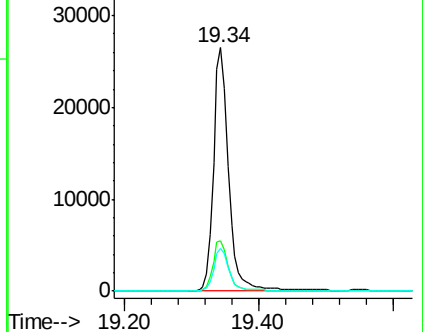
203 17.5 13.8 20.8

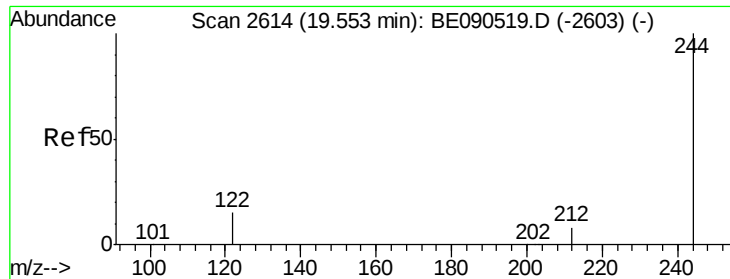


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

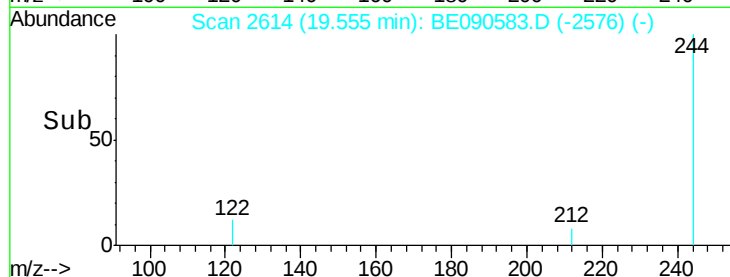
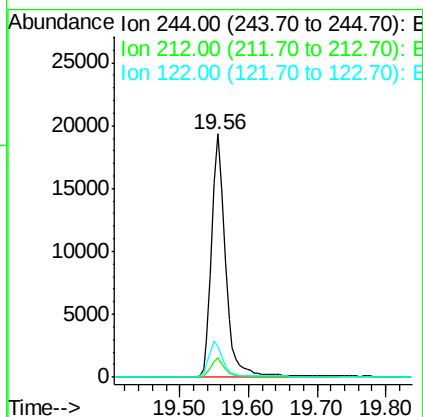
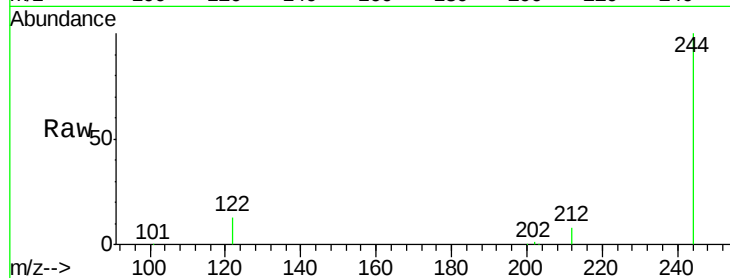




#27
 Terphenyl-d14
 Concen: 0.97 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090583.D
 Acq: 20 Aug 2015 20:35

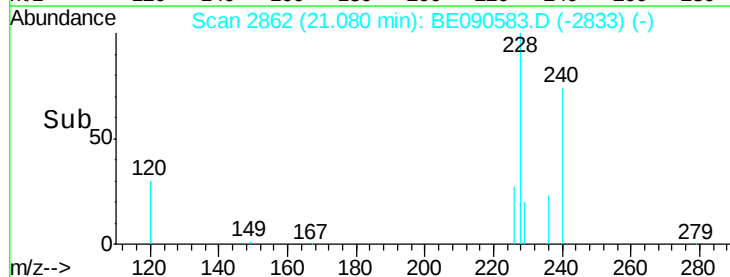
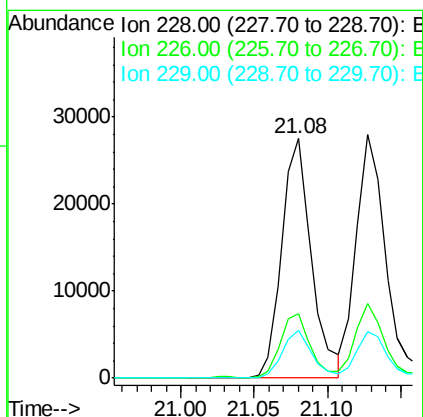
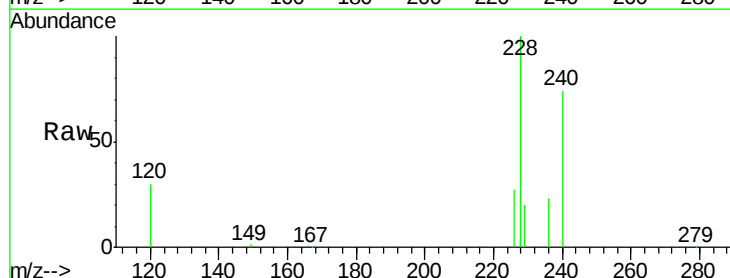
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:244 Resp: 26762
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 13.0 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.97 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090583.D
 Acq: 20 Aug 2015 20:35

Tgt Ion:228 Resp: 38755
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.9 32.9
 229 19.7 15.4 23.0





#29

Chrysene

Concen: 0.99 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

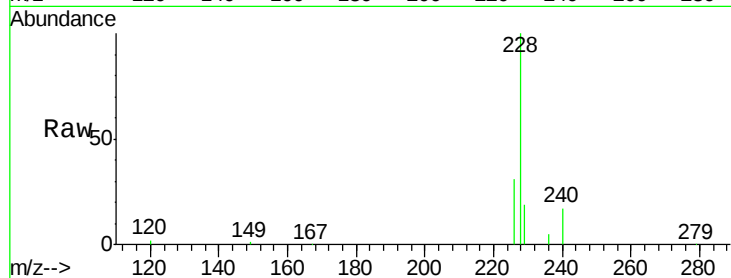
Tgt Ion:228 Resp: 40404

Ion Ratio Lower Upper

228 100

226 30.6 23.1 34.7

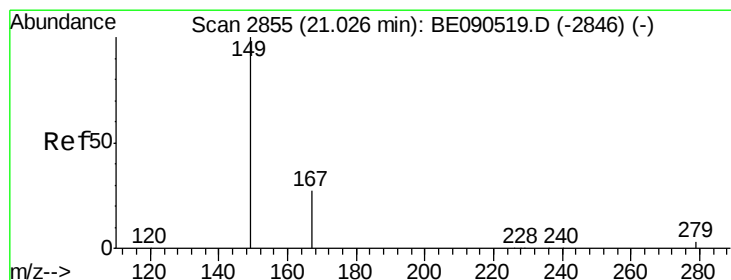
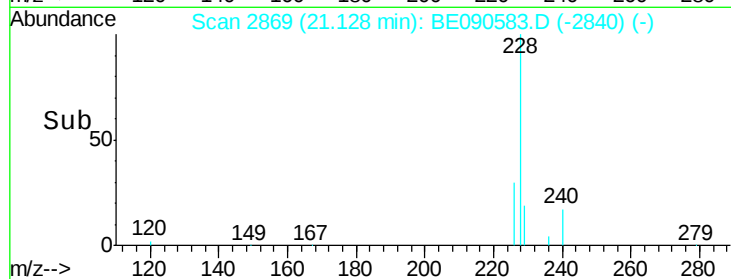
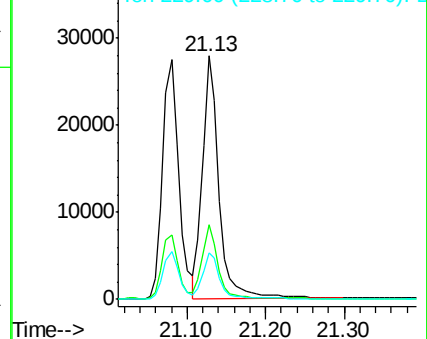
229 19.3 15.8 23.8



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: 1.06 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

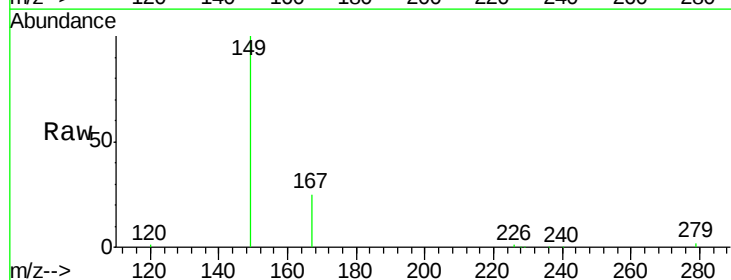
Tgt Ion:149 Resp: 22608

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

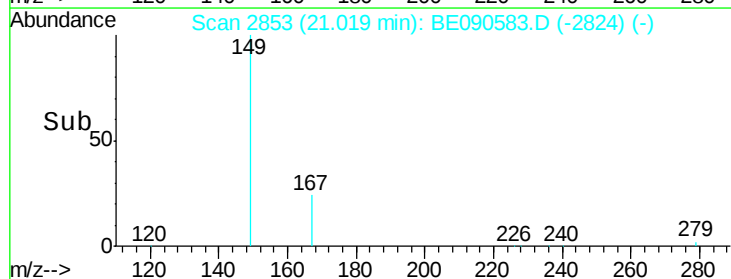
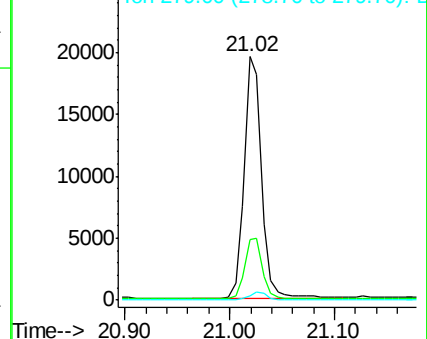
279 3.1 2.4 3.6

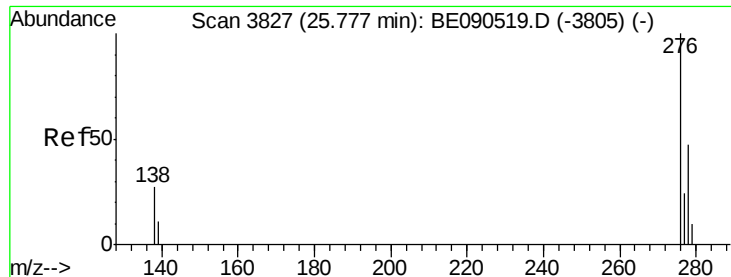


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.96 ng

RT: 25.79 min Scan# 3829

Delta R.T. 0.01 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

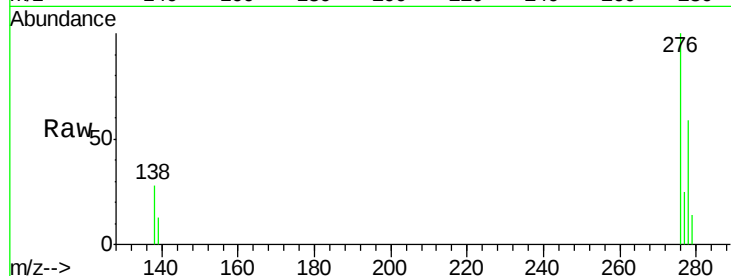
Tgt Ion:276 Resp: 36842

Ion Ratio Lower Upper

276 100

138 29.3 18.8 28.2#

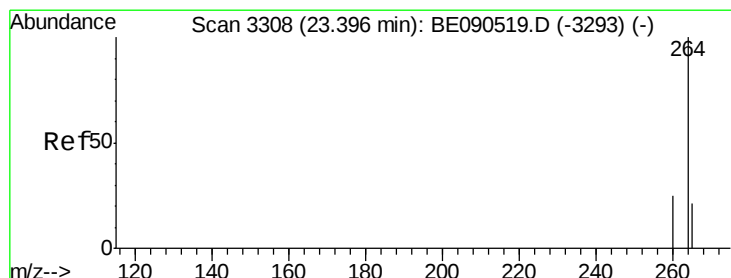
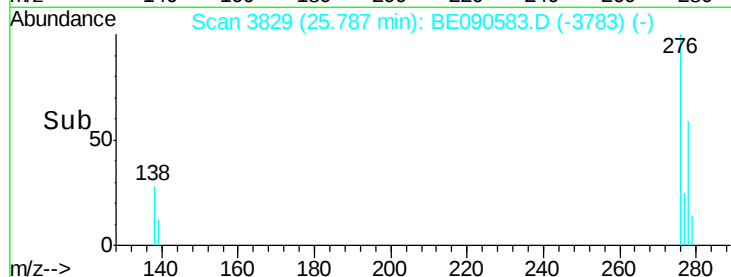
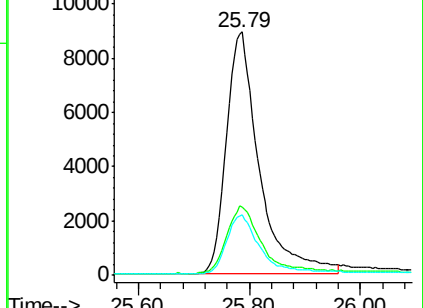
277 24.6 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

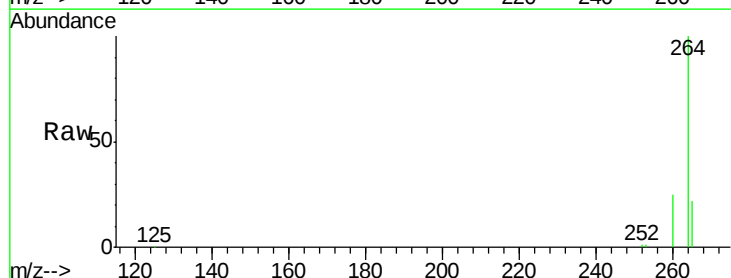
Tgt Ion:264 Resp: 138259

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

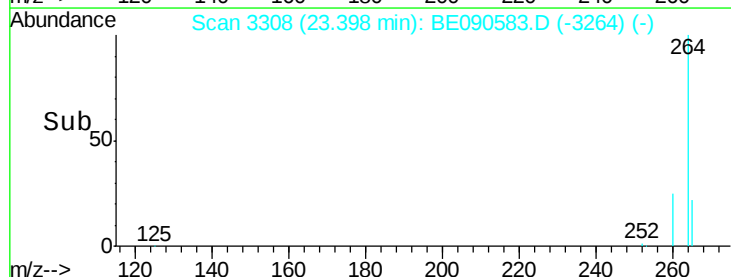
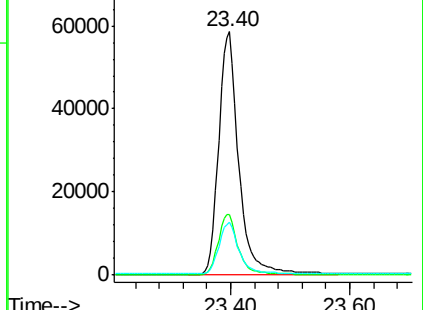
265 22.0 17.2 25.8



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: 1.00 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

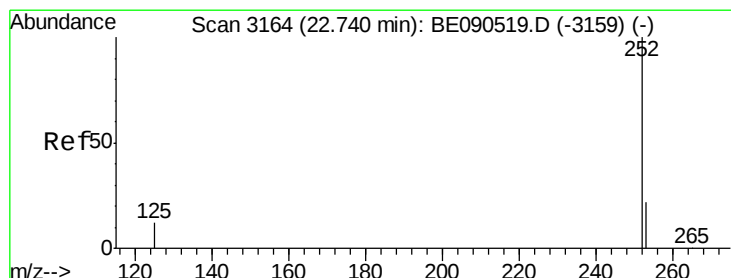
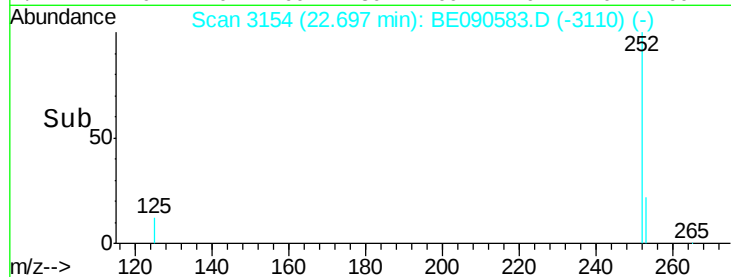
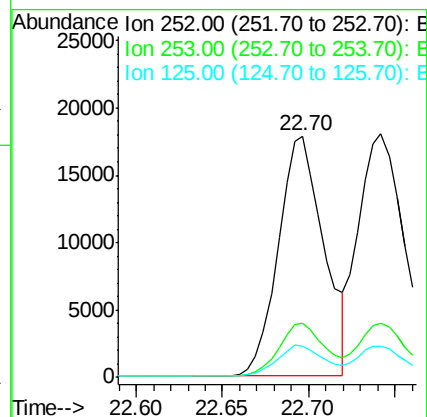
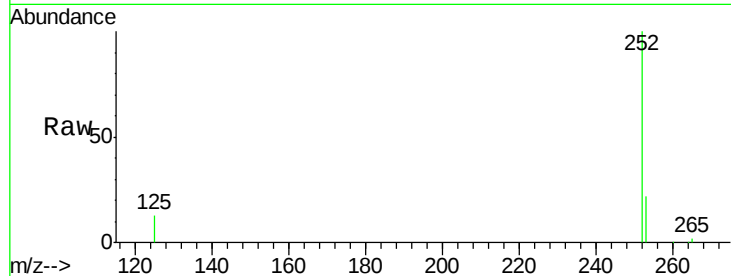
Tgt Ion:252 Resp: 32704

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 13.1 9.4 14.2



#34

Benzo(k)fluoranthene

Concen: 1.01 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

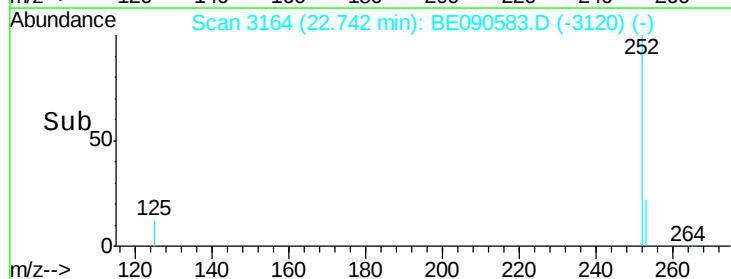
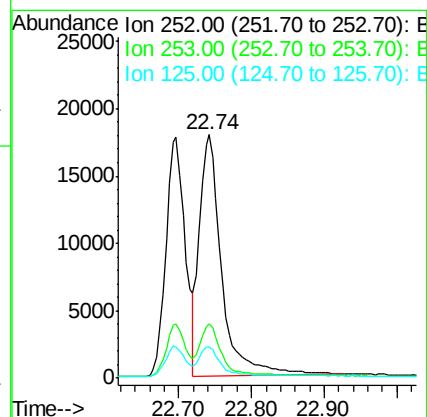
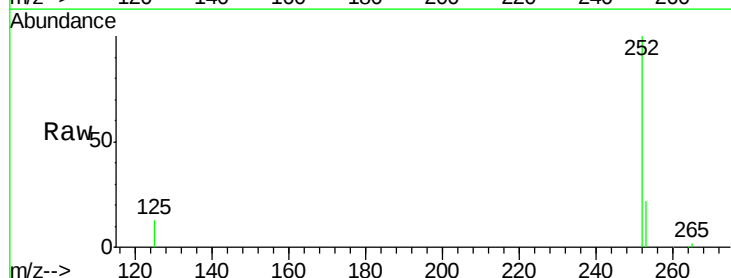
Tgt Ion:252 Resp: 37522

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 12.6 9.1 13.7





#35

Benzo(a)pyrene

Concen: 0.99 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

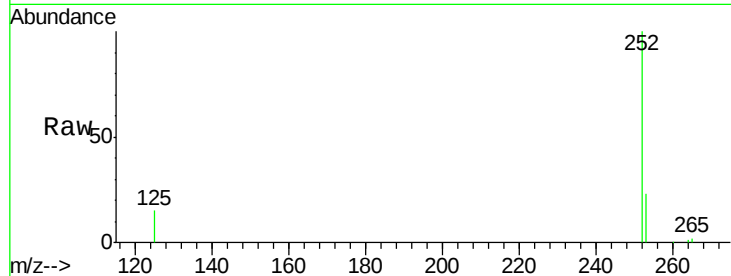
Tgt Ion:252 Resp: 30301

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

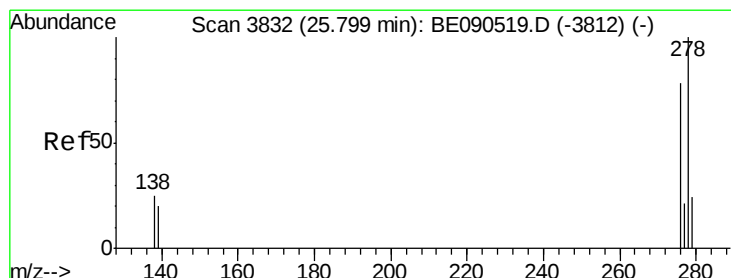
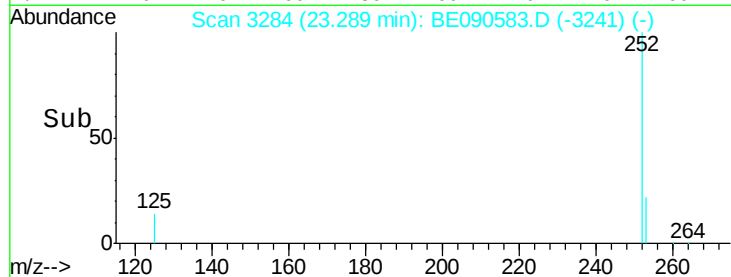
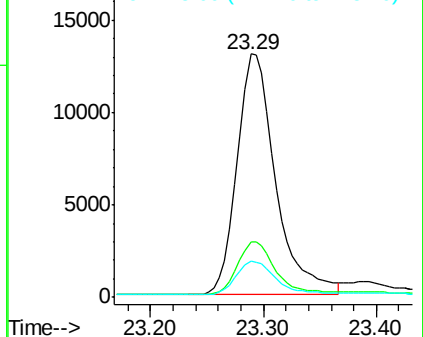
125 15.0 9.8 14.6#



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: 0.96 ng

RT: 25.80 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BE090583.D

Acq: 20 Aug 2015 20:35

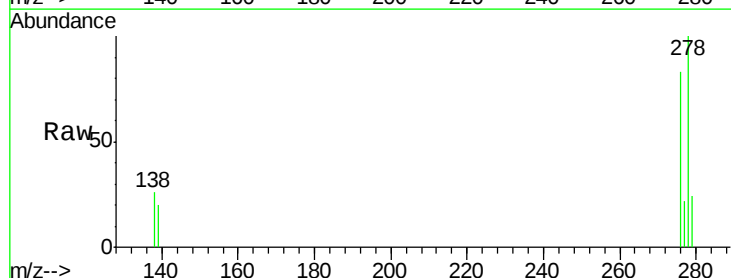
Tgt Ion:278 Resp: 28372

Ion Ratio Lower Upper

278 100

139 19.6 14.2 21.4

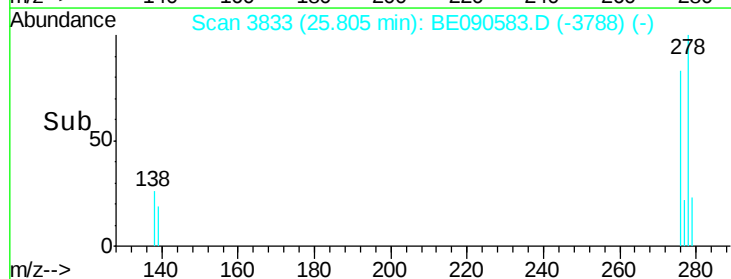
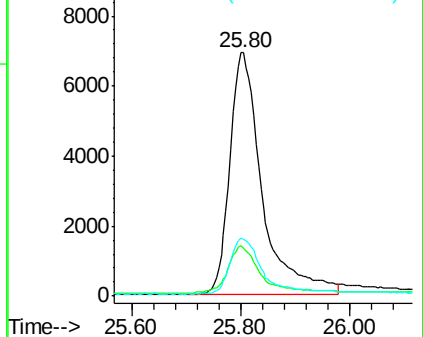
279 23.5 20.1 30.1

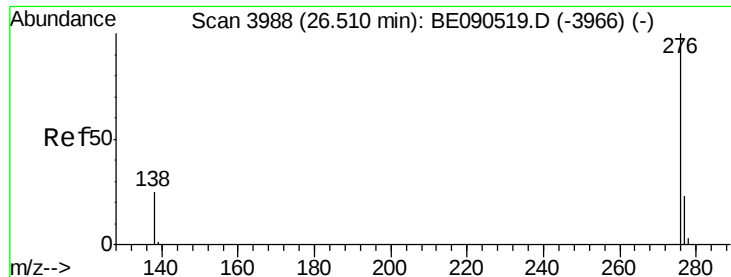


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.99 ng

RT: 26.51 min Scan# 3988

Delta R.T. 0.00 min

Lab File: BE090583.D

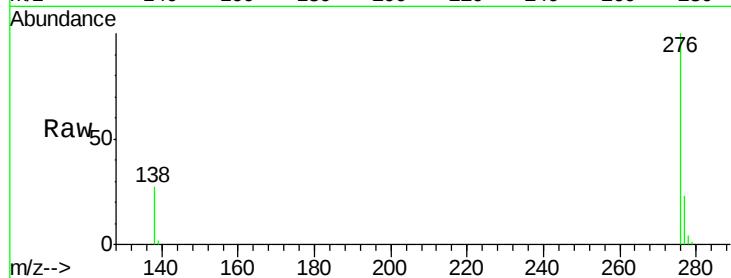
Acq: 20 Aug 2015 20:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



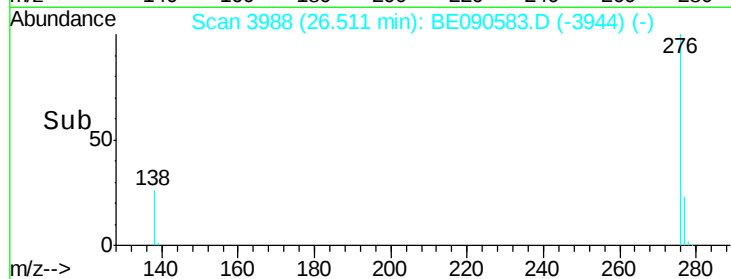
Tgt Ion: 276 Resp: 31868

Ion Ratio Lower Upper

276 100

277 23.2 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

