

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
 Data File : BE090546.D
 Acq On : 17 Aug 2015 23:09
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 18 04:36:55 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

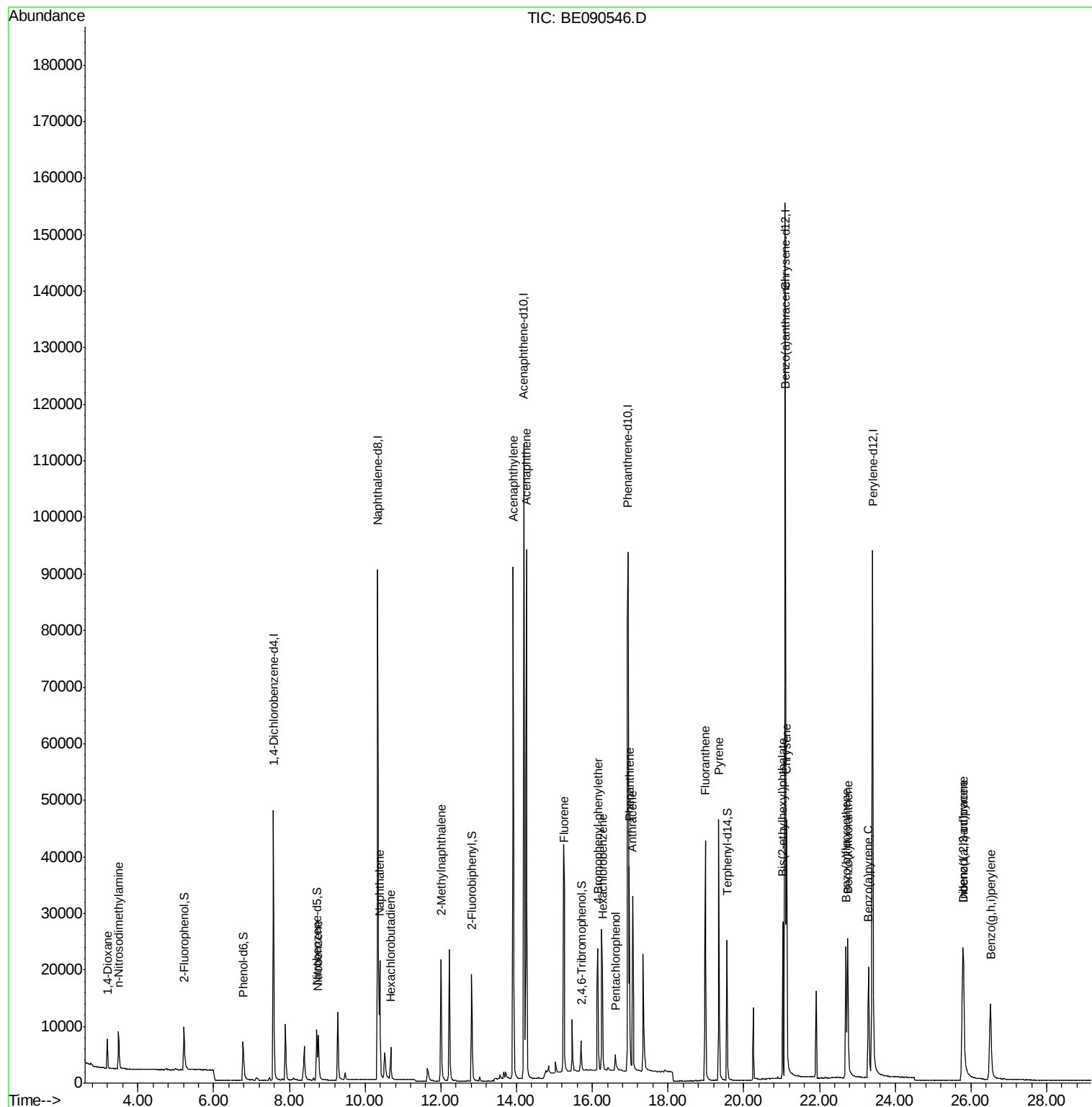
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24659	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	125852	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	69684	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	151607	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147537	5.00	ng	0.00
32) Perylene-d12	23.40	264	138228	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7580	1.06	ng	0.00
5) Phenol-d6	6.78	99	10815	1.03	ng	0.00
7) Nitrobenzene-d5	8.72	82	9965	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2830	1.06	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	20988	1.01	ng	0.00
27) Terphenyl-d14	19.55	244	27856	1.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3189	1.08	ng	94
3) n-Nitrosodimethylamine	3.49	42	4020	0.94	ng	# 63
8) Nitrobenzene	8.77	77	10290	0.99	ng	95
9) Naphthalene	10.39	128	28077	0.98	ng	98
10) Hexachlorobutadiene	10.68	225	4117	0.98	ng	100
11) 2-Methylnaphthalene	12.01	142	18921	1.02	ng	98
15) Acenaphthylene	13.91	152	128229	1.01	ng	100
16) Acenaphthene	14.26	154	19049	0.99	ng	# 77
17) Fluorene	15.26	166	23269	0.99	ng	99
19) 4-Bromophenyl-phenylether	16.14	248	6315	1.02	ng	79
20) Hexachlorobenzene	16.27	284	27488	1.00	ng	96
21) Pentachlorophenol	16.61	266	2284	0.95	ng	93
22) Phenanthrene	16.98	178	38455	0.97	ng	100
23) Anthracene	17.07	178	36415	0.99	ng	100
24) Fluoranthene	18.98	202	41319	0.98	ng	98
26) Pyrene	19.34	202	42663	1.01	ng	99
28) Benzo(a)anthracene	21.08	228	38066	0.98	ng	98
29) Chrysene	21.13	228	39604	1.00	ng	96
30) Bis(2-ethylhexyl)phthalate	21.03	149	24216	1.16	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	37731	1.01	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	33168	1.01	ng	99
34) Benzo(k)fluoranthene	22.74	252	37769	1.02	ng	98
35) Benzo(a)pyrene	23.29	252	31081	1.01	ng	97
36) Dibenzo(a,h)anthracene	25.80	278	29674	1.00	ng	96
37) Benzo(g,h,i)perylene	26.52	276	33059	1.02	ng	95

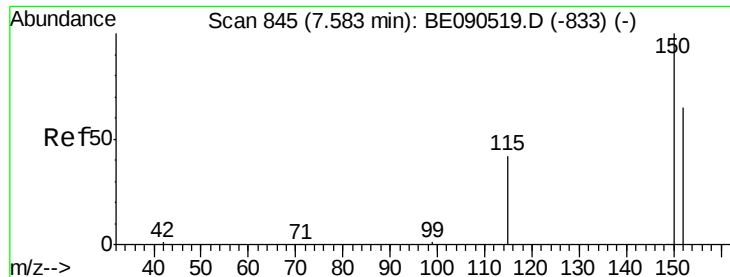
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
Data File : BE090546.D
Acq On : 17 Aug 2015 23:09
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 18 04:36:55 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# 845

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

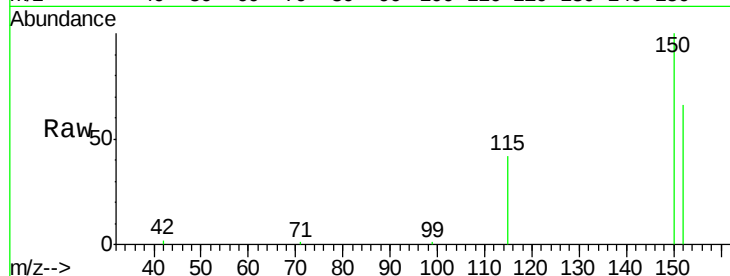
Tgt Ion:152 Resp: 24659

Ion Ratio Lower Upper

152 100

150 152.6 123.0 184.4

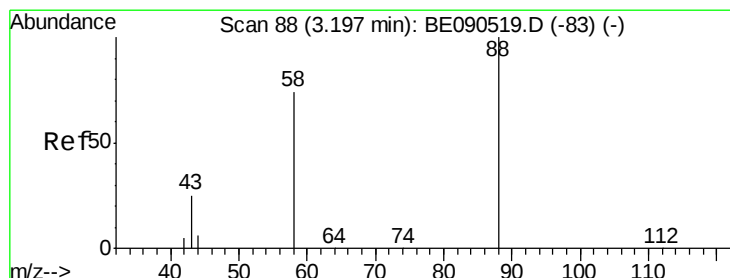
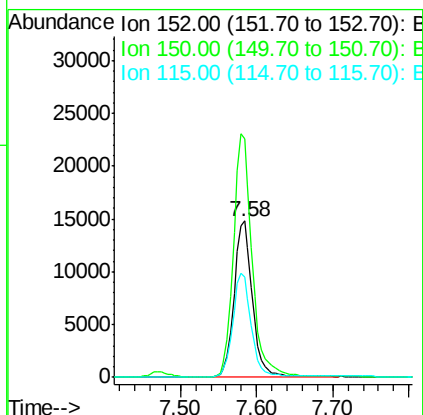
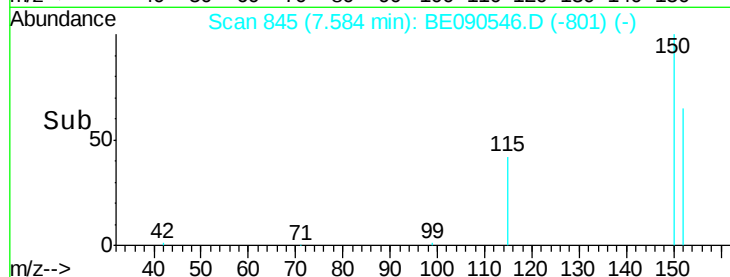
115 63.9 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.08 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

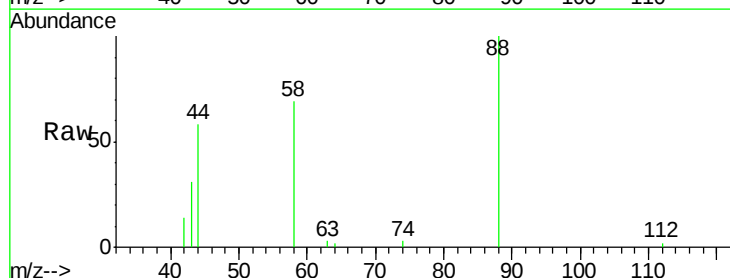
Tgt Ion: 88 Resp: 3189

Ion Ratio Lower Upper

88 100

58 82.1 70.0 105.0

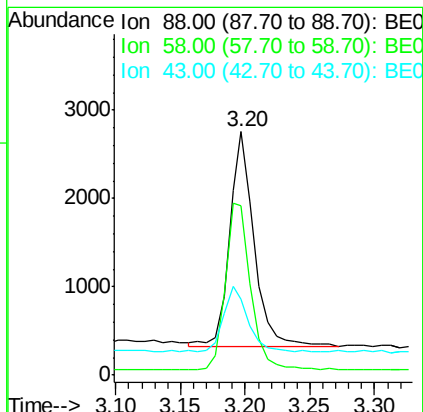
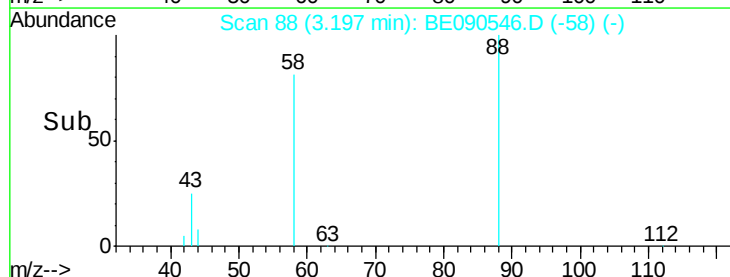
43 31.7 28.4 42.6

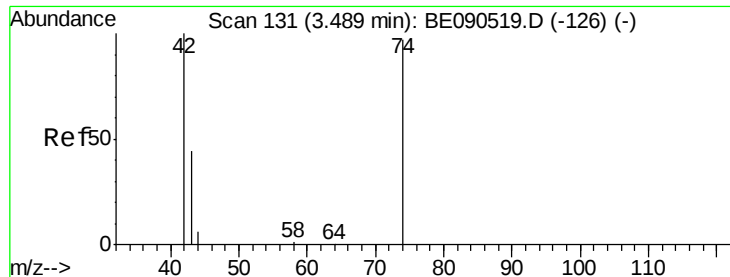


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 3.49 min Scan# 131

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

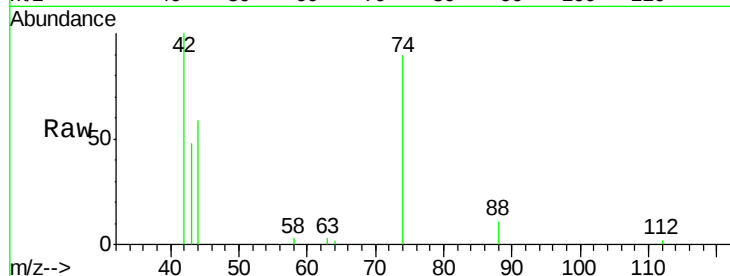
Tgt Ion: 42 Resp: 4020

Ion Ratio Lower Upper

42 100

74 133.1 75.2 112.8#

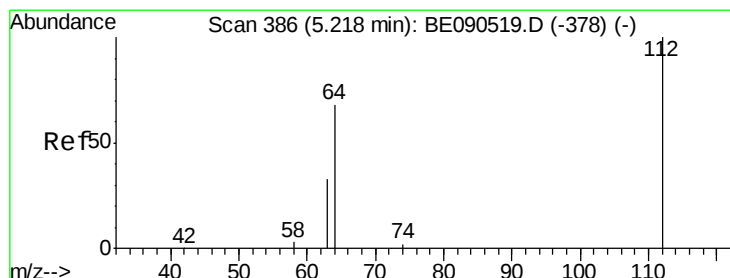
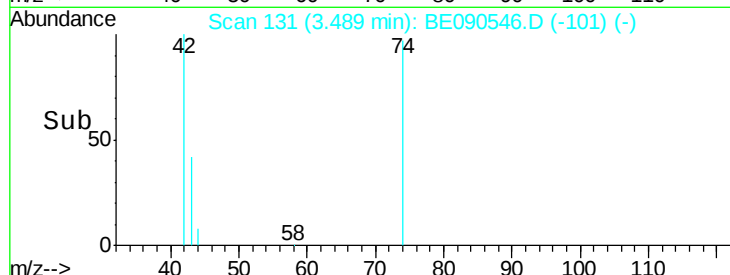
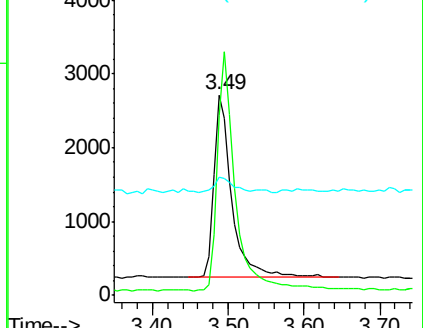
44 8.1 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.06 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

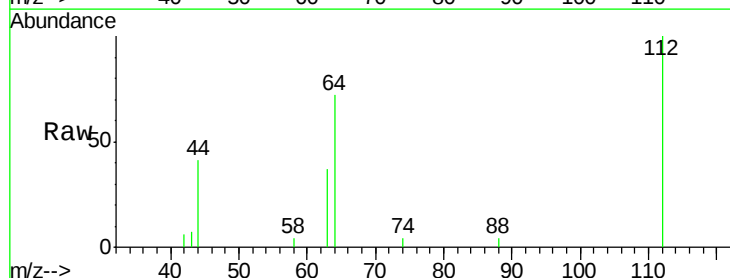
Tgt Ion: 112 Resp: 7580

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

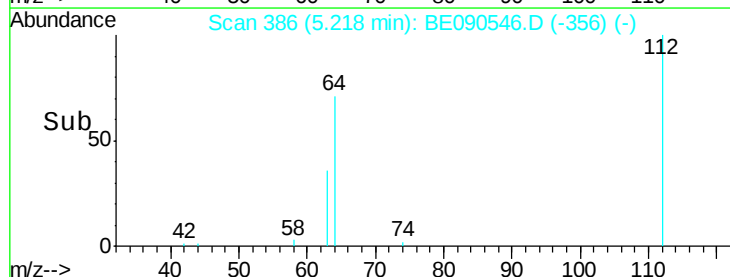
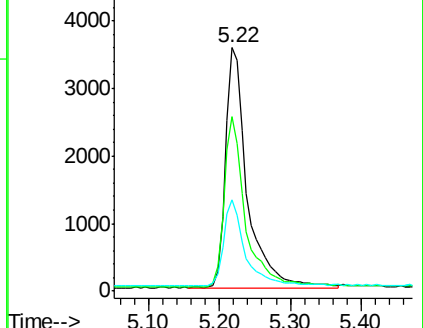
63 34.6 19.5 29.3#

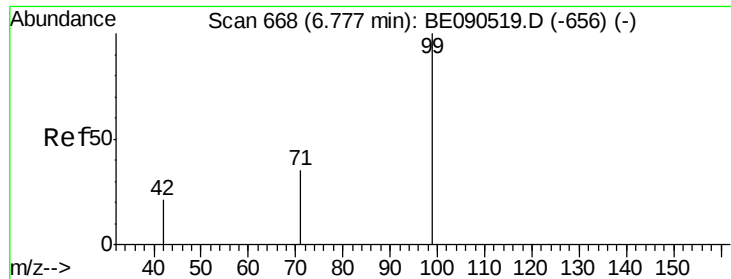


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.03 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

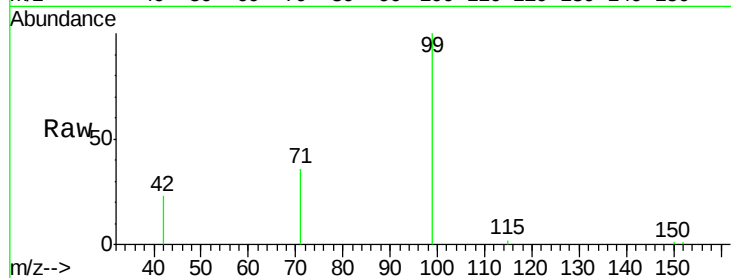
Tgt Ion: 99 Resp: 10815

Ion Ratio Lower Upper

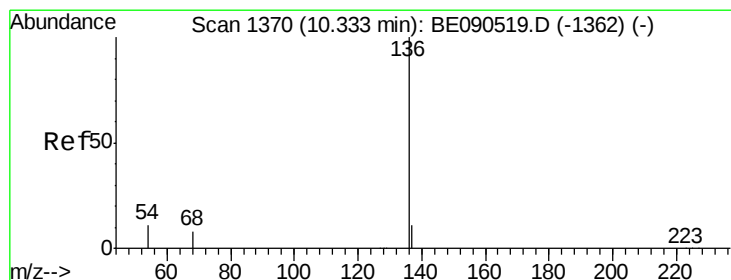
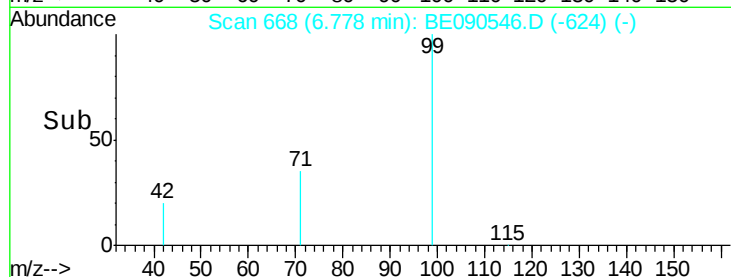
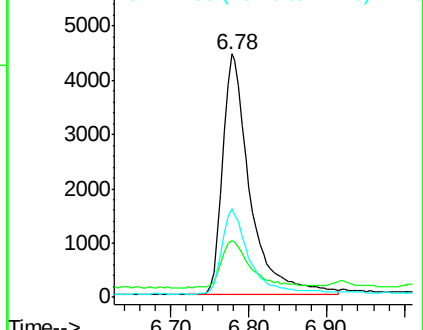
99 100

42 21.3 18.2 27.4

71 35.5 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Tgt Ion: 136 Resp: 125852

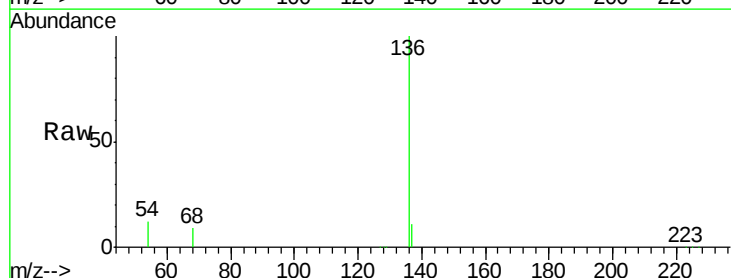
Ion Ratio Lower Upper

136 100

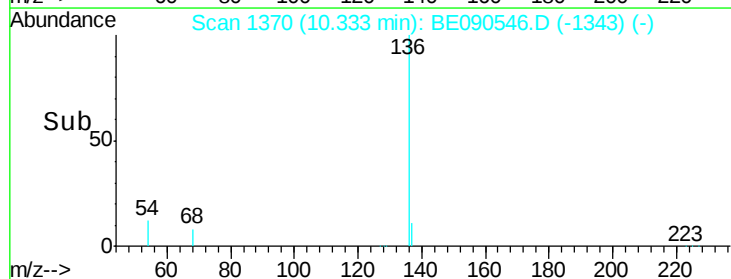
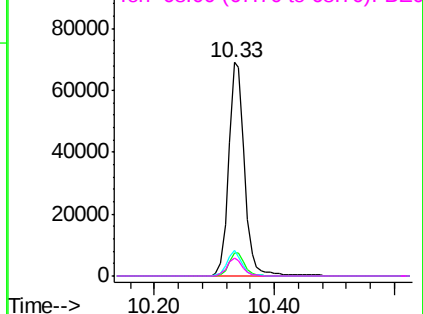
137 10.7 8.7 13.1

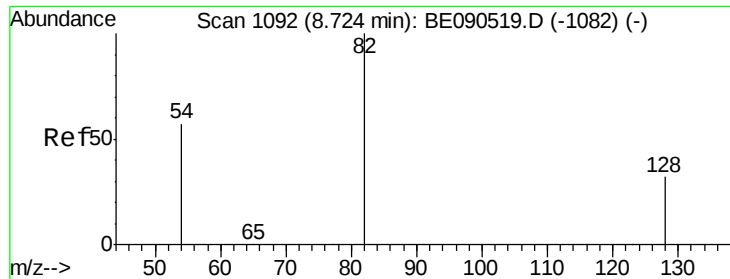
54 11.8 9.4 14.0

68 8.6 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

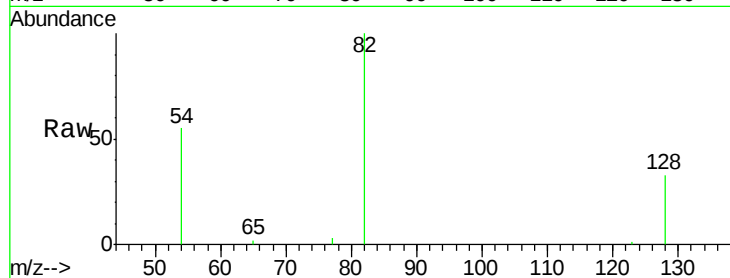
Tgt Ion: 82 Resp: 9965

Ion Ratio Lower Upper

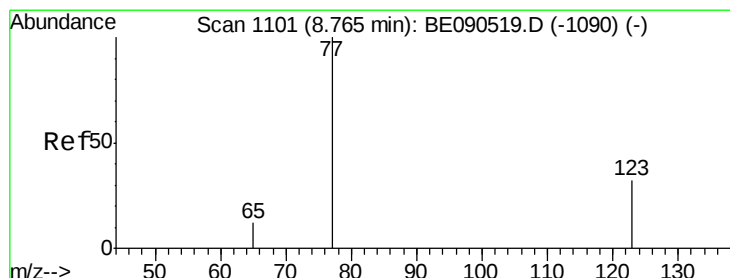
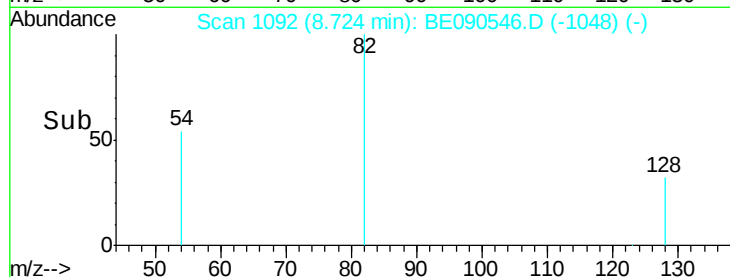
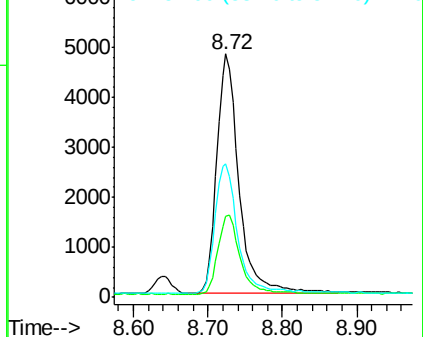
82 100

128 33.2 25.0 37.6

54 54.8 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: 0.99 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

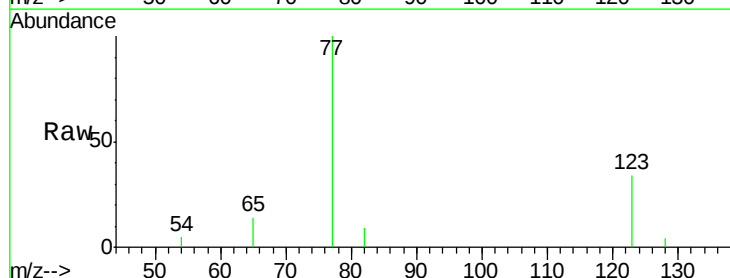
Tgt Ion: 77 Resp: 10290

Ion Ratio Lower Upper

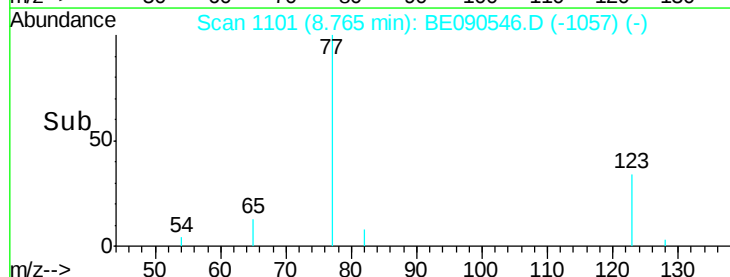
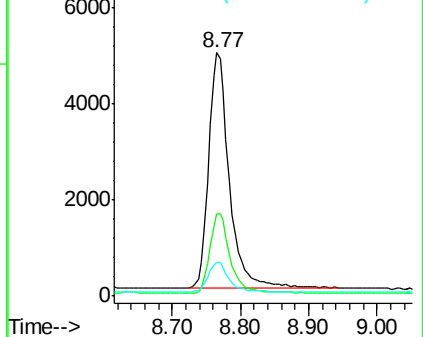
77 100

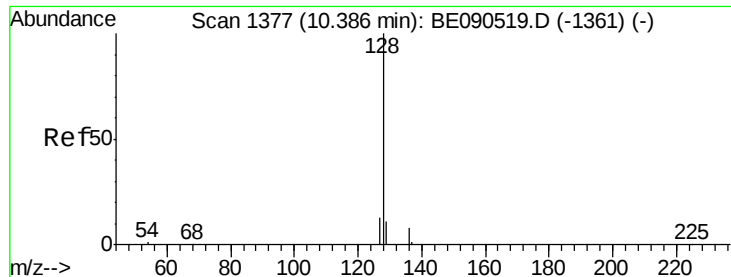
123 34.4 25.1 37.7

65 12.5 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: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

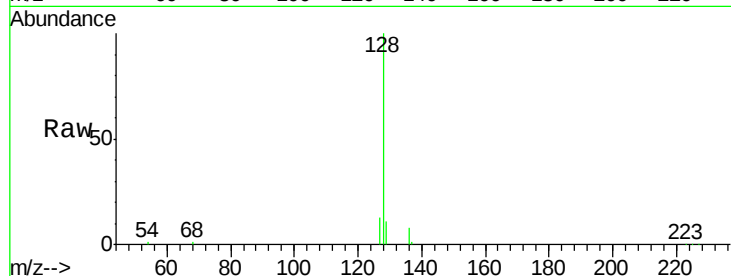
BNA_E

ClientSampleId :

SSTDCCC001EC

Tgt Ion:128 Resp: 28077

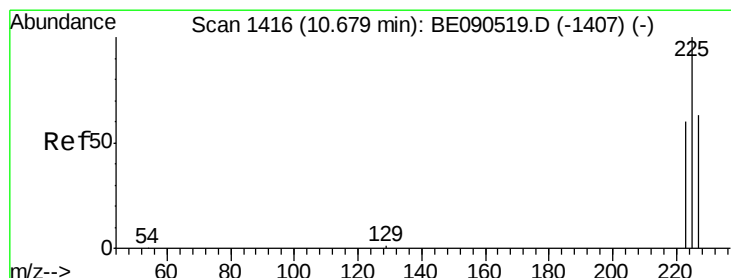
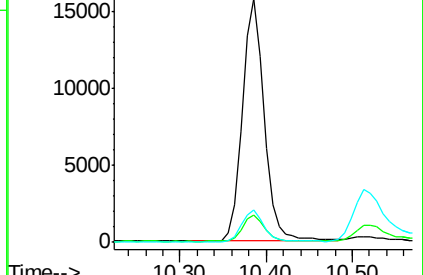
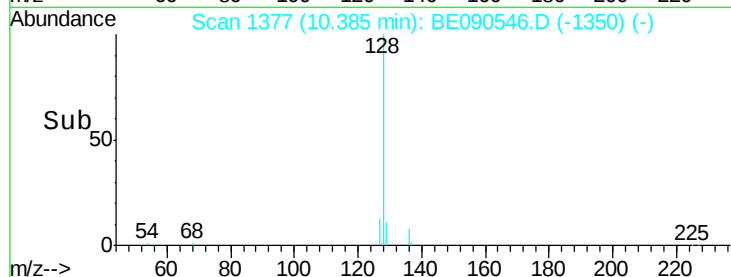
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	13.1	10.6	16.0



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: 0.98 ng

RT: 10.68 min Scan# 1416

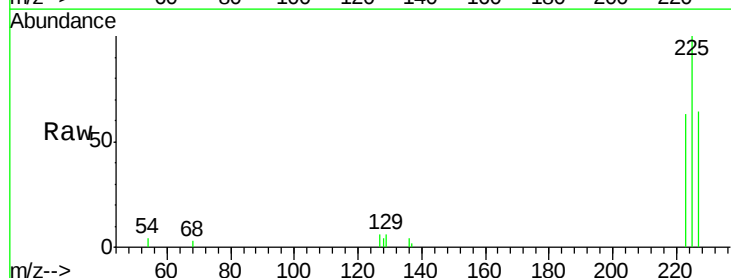
Delta R.T. -0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Tgt Ion:225 Resp: 4117

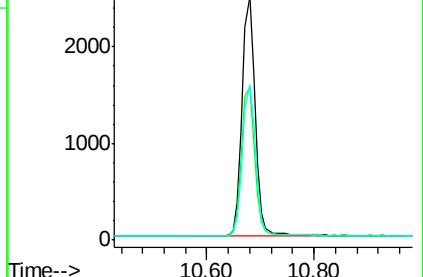
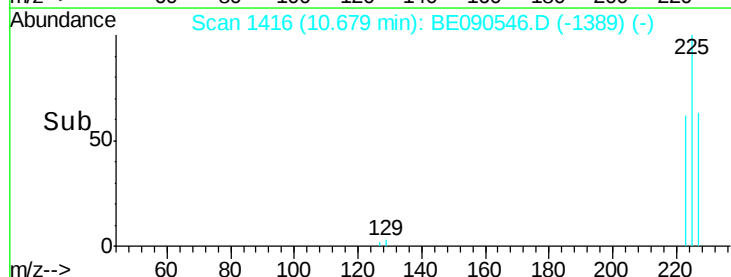
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	63.4	50.7	76.1

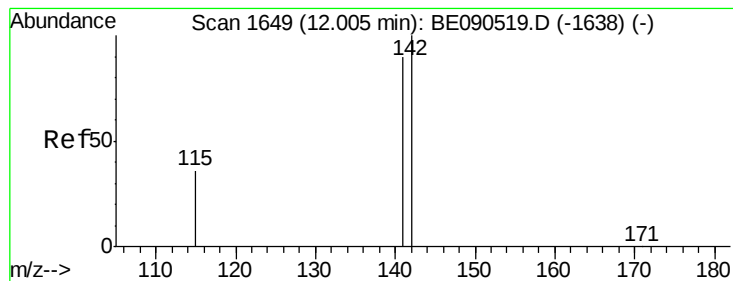


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

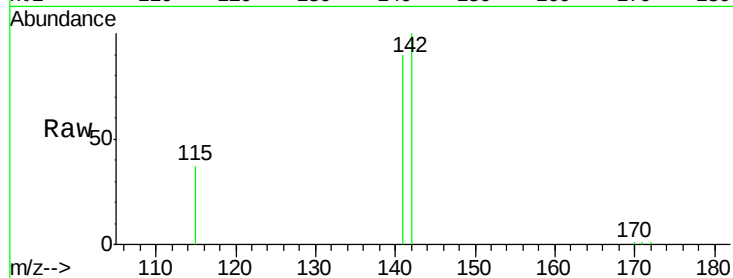
Tgt Ion:142 Resp: 18921

Ion Ratio Lower Upper

142 100

141 90.4 72.6 109.0

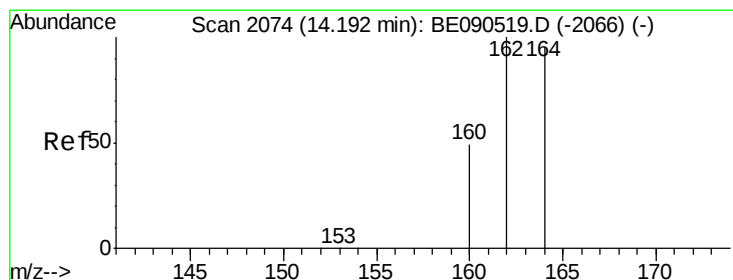
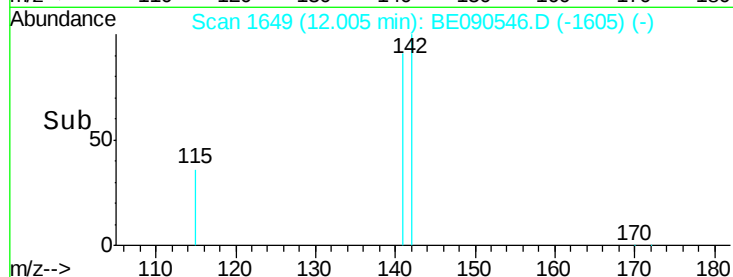
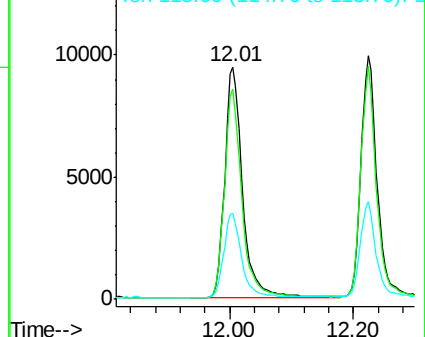
115 36.9 31.6 47.4



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: BE090546.D

Acq: 17 Aug 2015 23:09

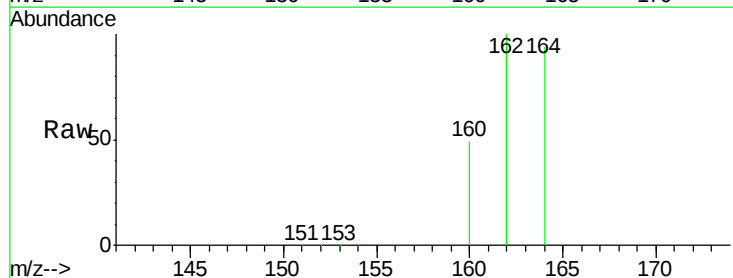
Tgt Ion:164 Resp: 69684

Ion Ratio Lower Upper

164 100

162 106.2 81.8 122.8

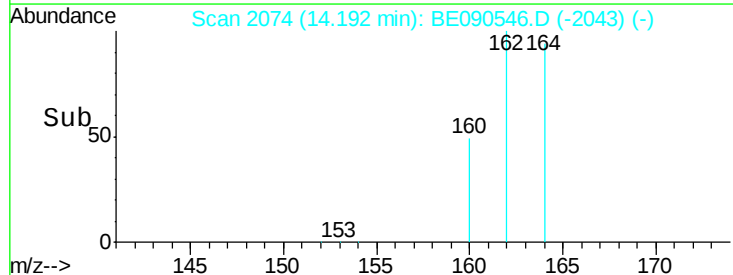
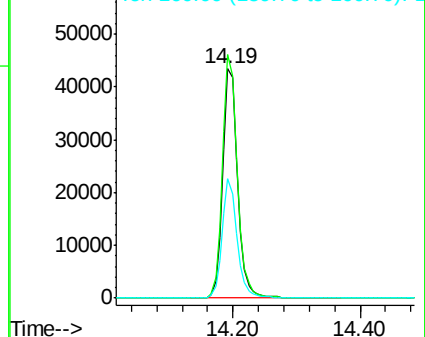
160 52.1 44.2 66.4

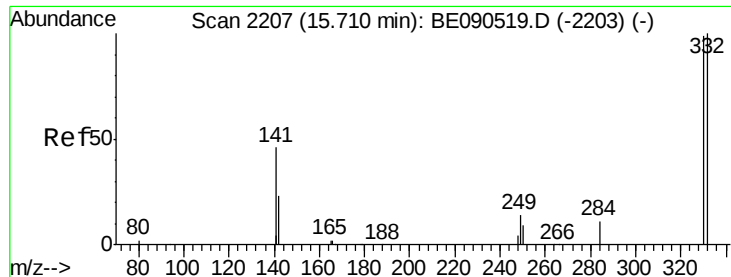


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

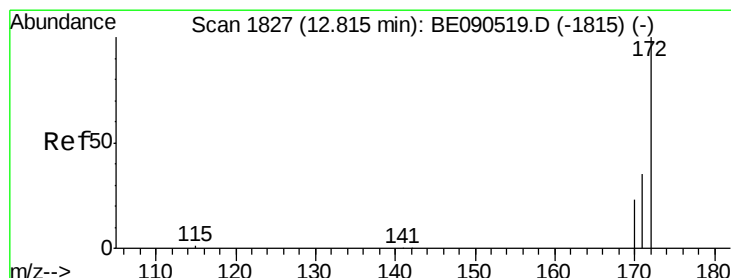
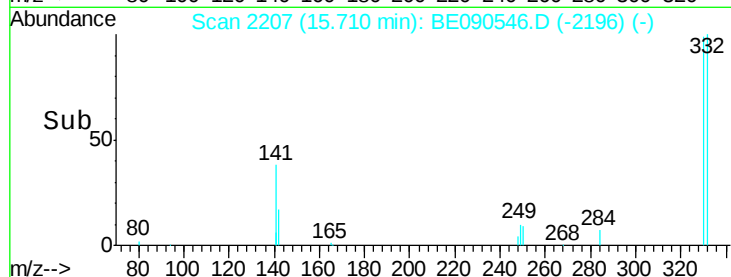
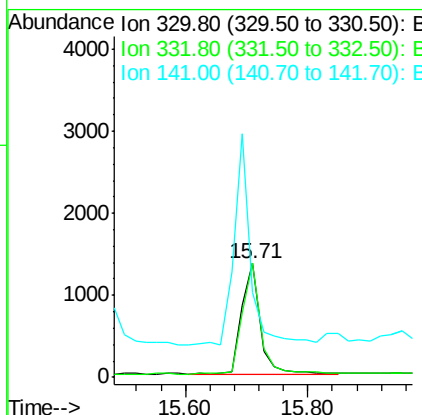
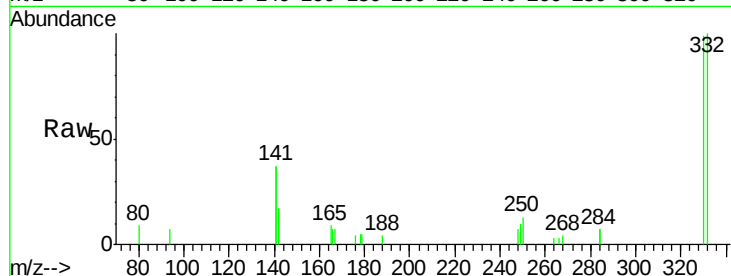




#13
 2,4,6-Tribromophenol
 Concen: 1.06 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

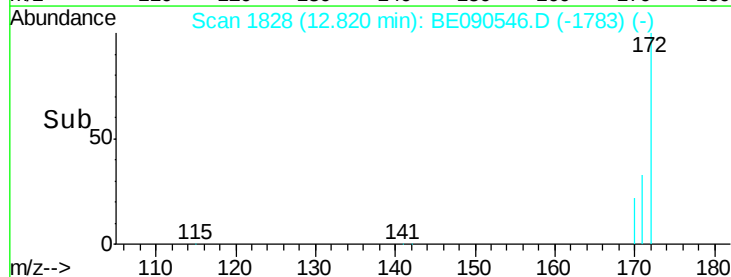
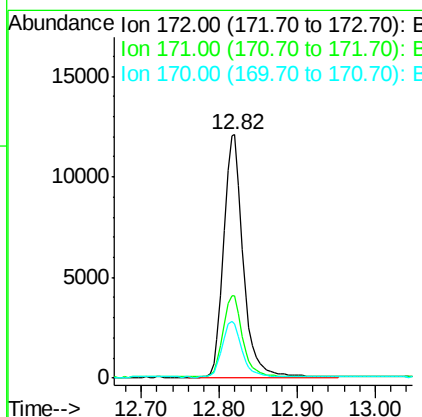
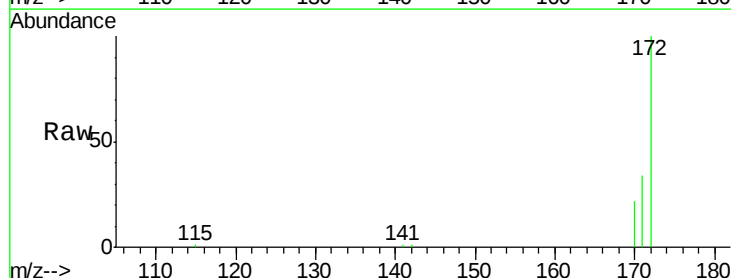
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

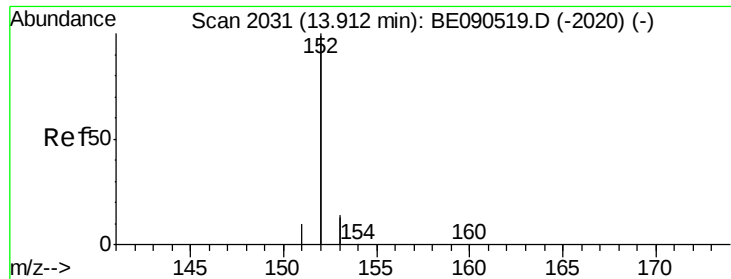
Tgt Ion:330 Resp: 2830
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 168.9 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

Tgt Ion:172 Resp: 20988
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.5 42.7
 170 22.4 19.8 29.8





#15

Acenaphthylene

Concen: 1.01 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

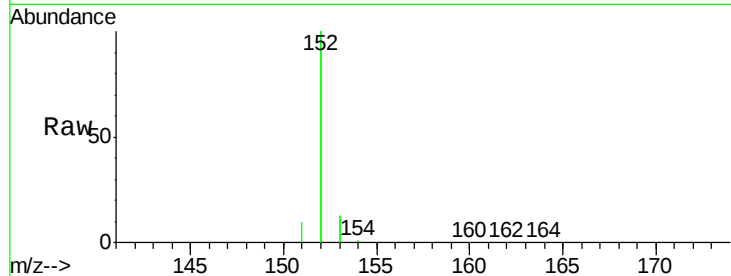
Tgt Ion:152 Resp: 128229

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

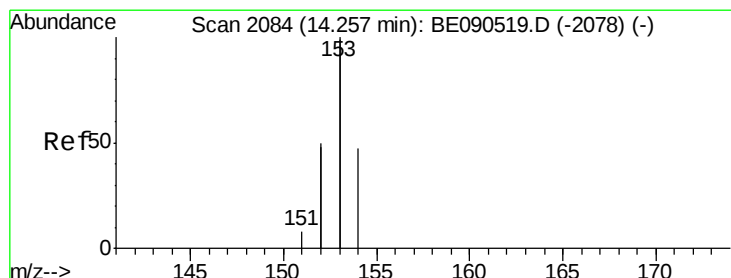
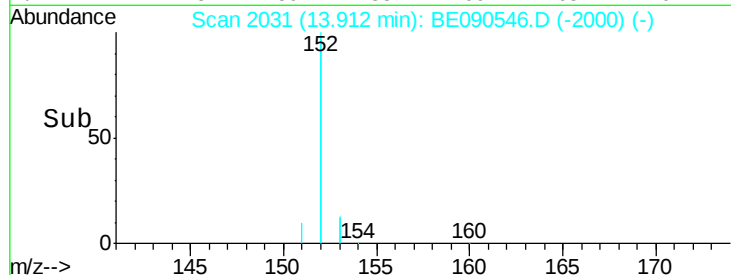
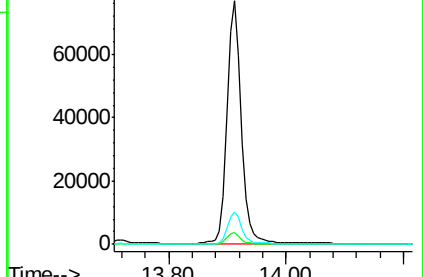
153 13.0 10.3 15.5



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: 0.99 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

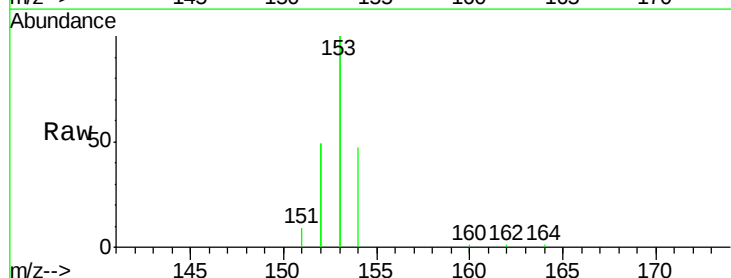
Tgt Ion:154 Resp: 19049

Ion Ratio Lower Upper

154 100

153 433.7 376.2 564.2

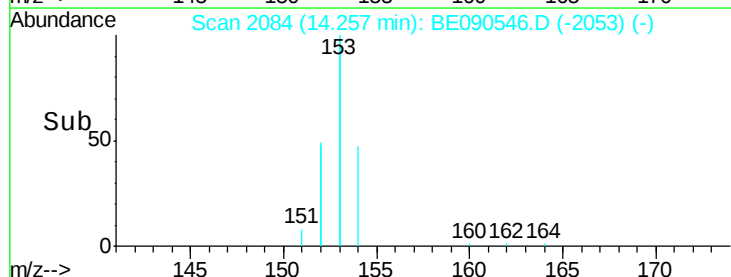
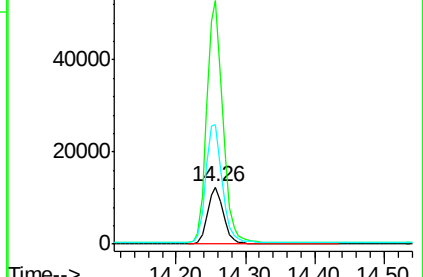
152 219.7 235.0 352.4#

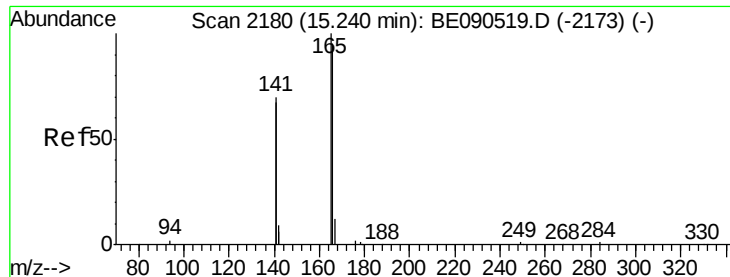


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

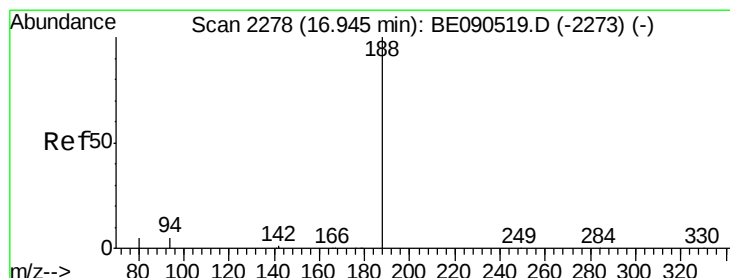
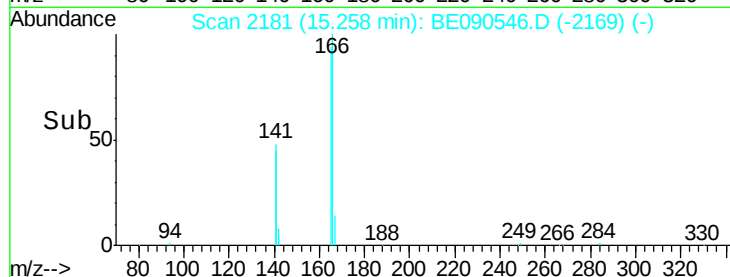
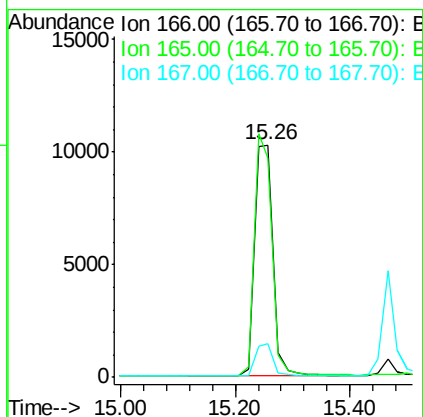
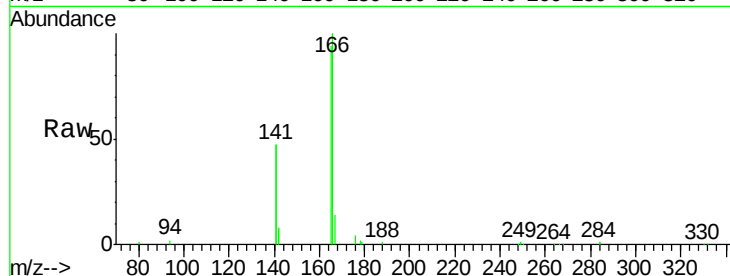




#17
Fluorene
 Concen: 0.99 ng
 RT: 15.26 min Scan# 2181
 Delta R.T. 0.02 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

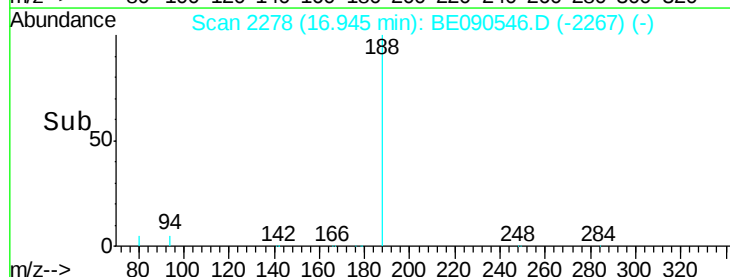
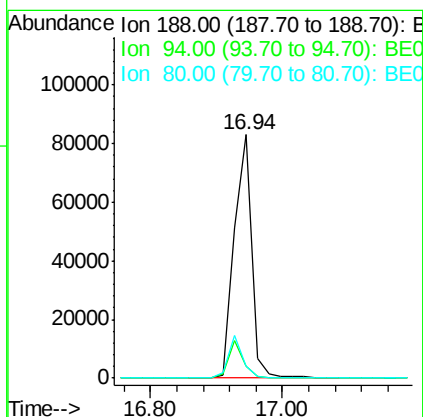
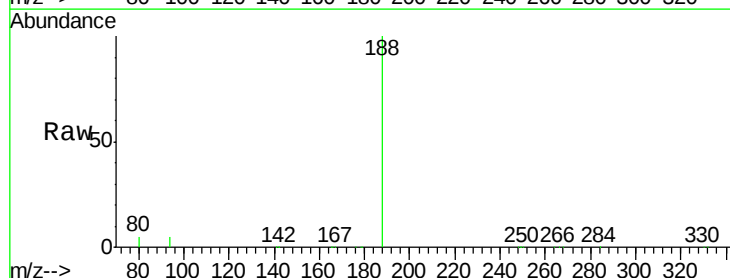
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

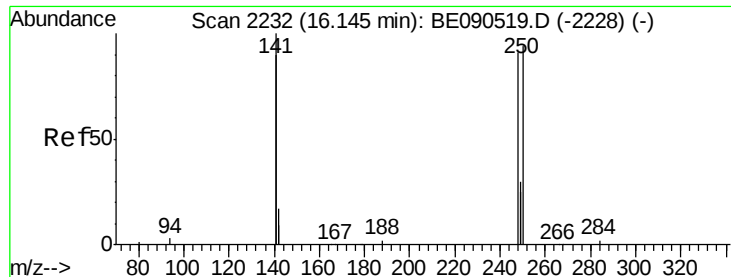
Tgt Ion:166 Resp: 23269
 Ion Ratio Lower Upper
 166 100
 165 100.3 81.5 122.3
 167 14.0 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

Tgt Ion:188 Resp: 151607
 Ion Ratio Lower Upper
 188 100
 94 4.9 5.7 8.5#
 80 5.0 5.8 8.8#





#19

4-Bromophenyl-phenylether

Concen: 1.02 ng

RT: 16.14 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

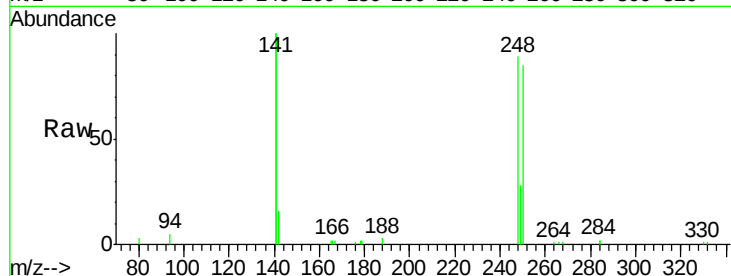
Tgt Ion:248 Resp: 6315

Ion Ratio Lower Upper

248 100

250 95.2 79.0 118.6

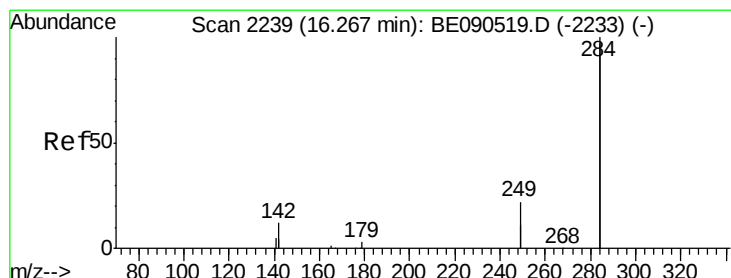
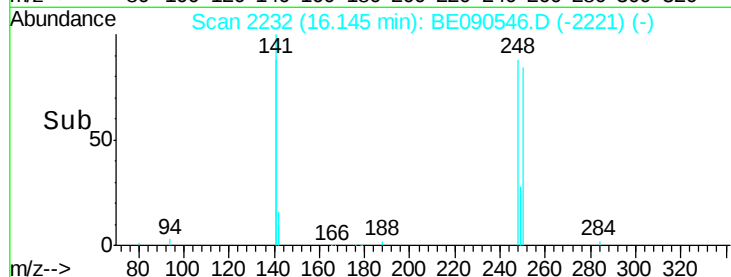
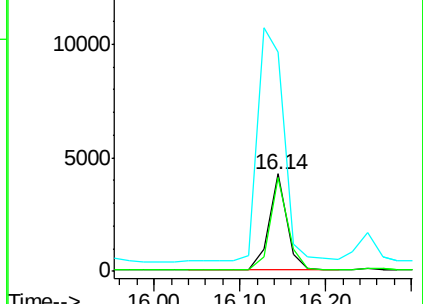
141 351.0 239.5 359.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 1.00 ng

RT: 16.27 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

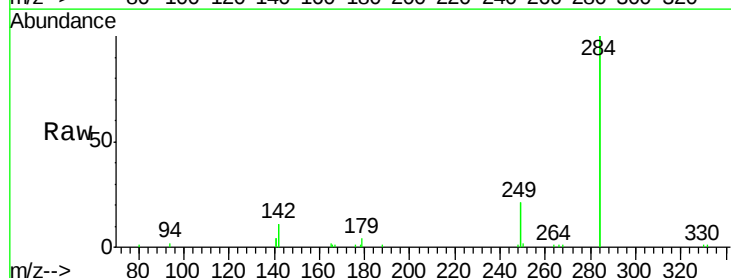
Tgt Ion:284 Resp: 27488

Ion Ratio Lower Upper

284 100

142 40.6 30.1 45.1

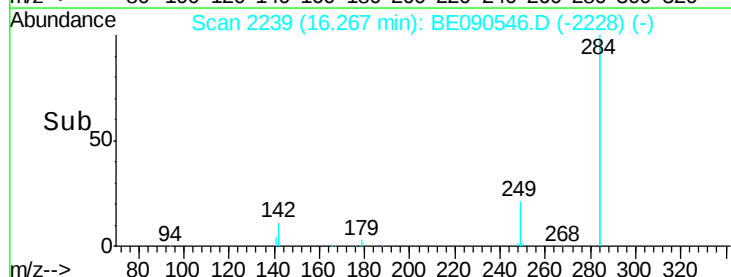
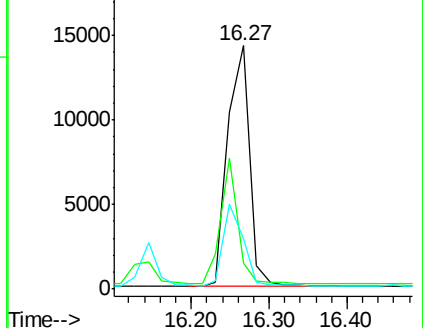
249 30.9 25.7 38.5

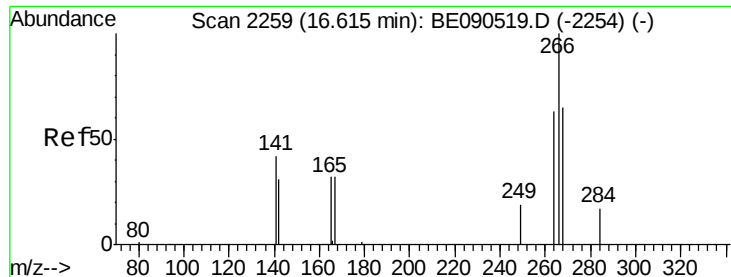


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

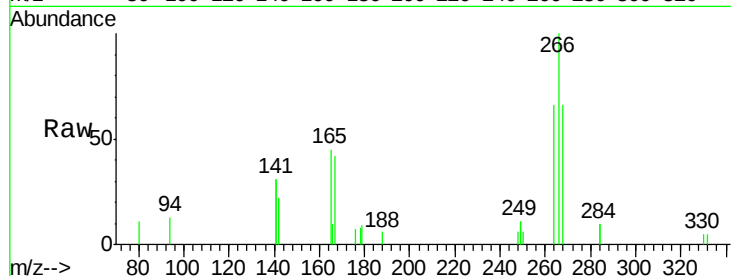




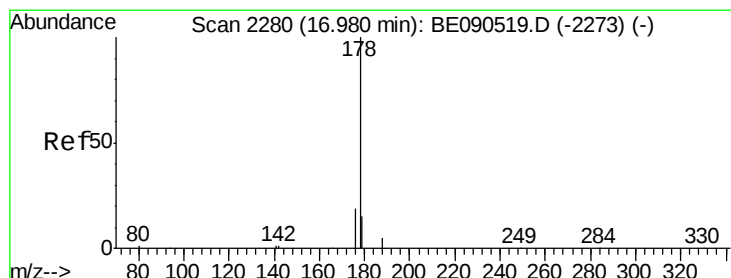
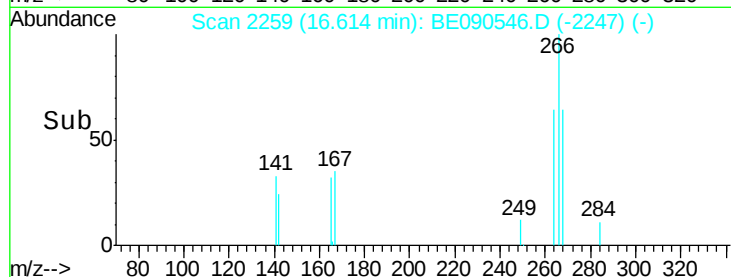
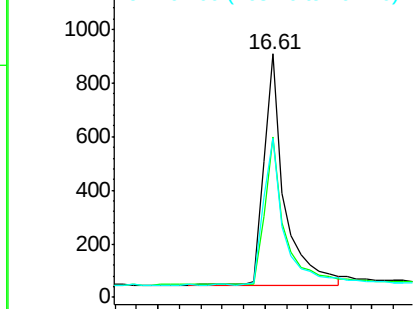
#21
 Pentachlorophenol
 Concen: 0.95 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 2284
 Ion Ratio Lower Upper
 266 100
 268 65.9 58.5 87.7
 264 65.6 56.0 84.0

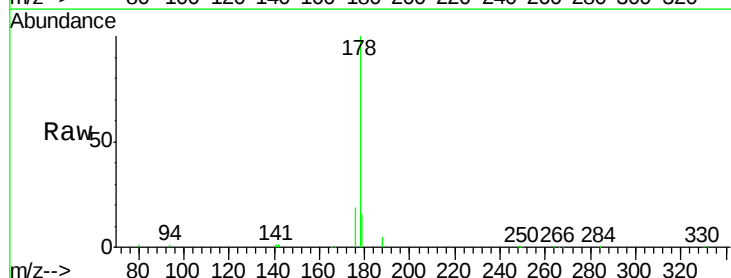


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

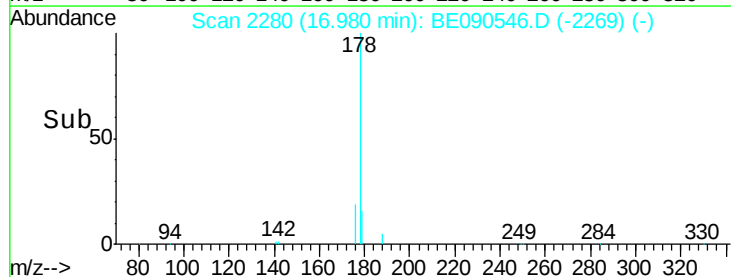
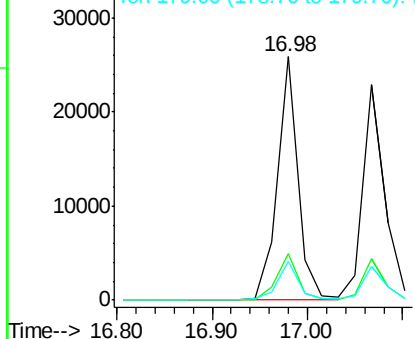


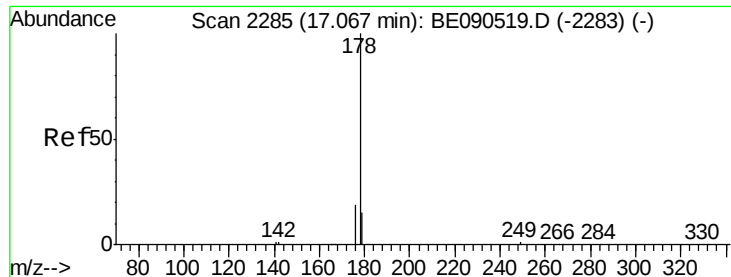
#22
 Phenanthrene
 Concen: 0.97 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

Tgt Ion: 178 Resp: 38455
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 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: 0.99 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

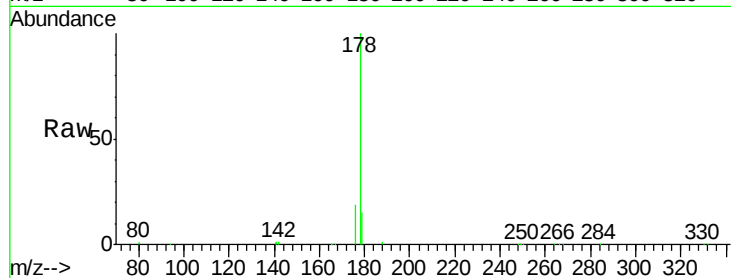
Tgt Ion:178 Resp: 36415

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

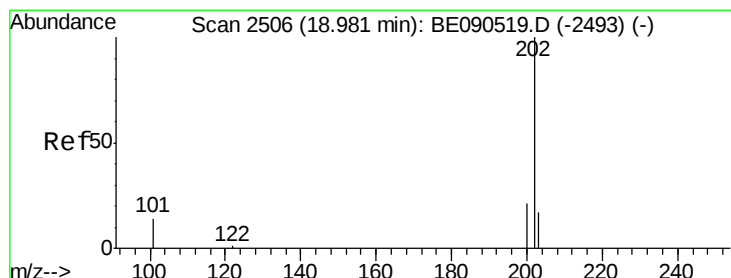
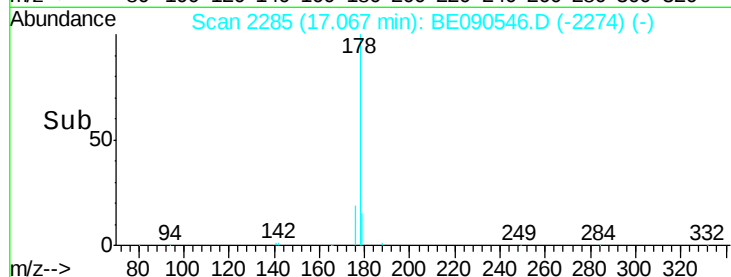
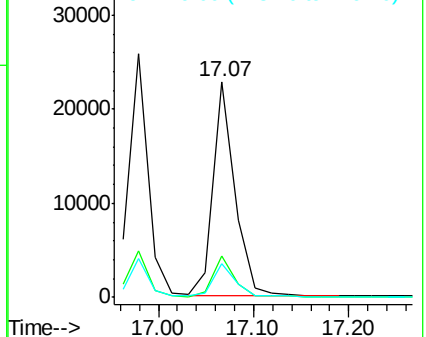
179 15.4 12.2 18.4



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: 0.98 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

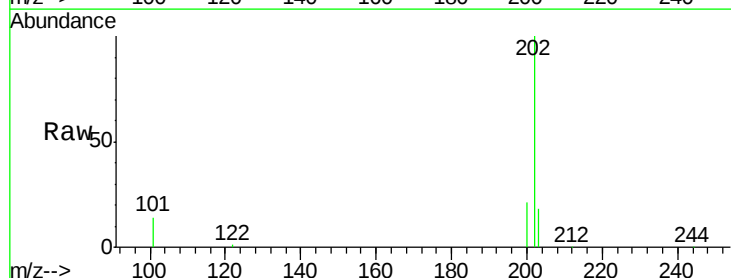
Tgt Ion:202 Resp: 41319

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

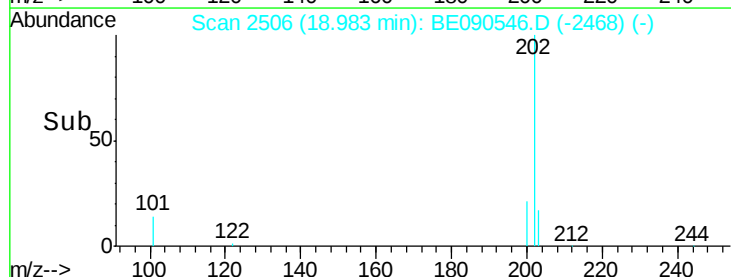
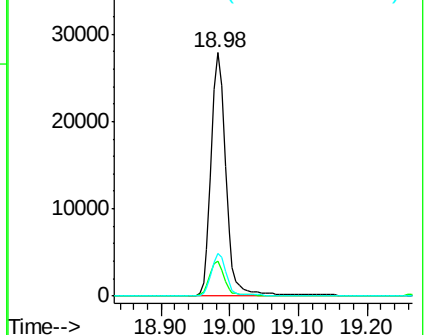
203 17.3 13.7 20.5

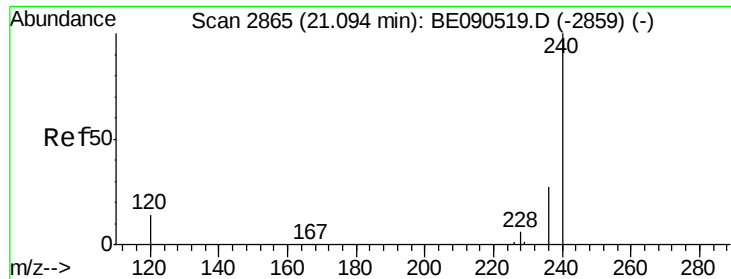


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

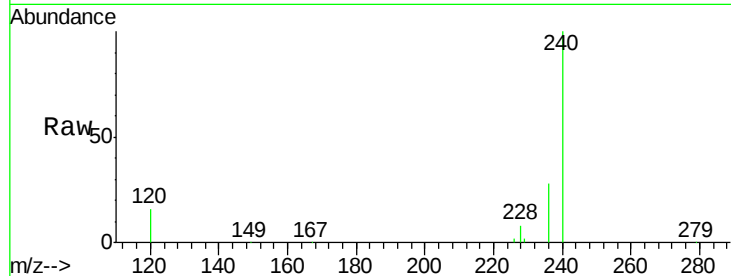
Tgt Ion:240 Resp: 147537

Ion Ratio Lower Upper

240 100

120 15.5 8.3 12.5#

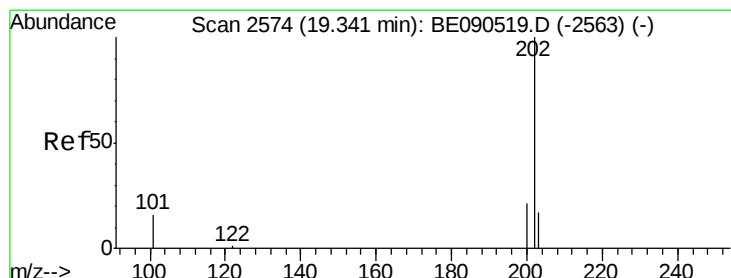
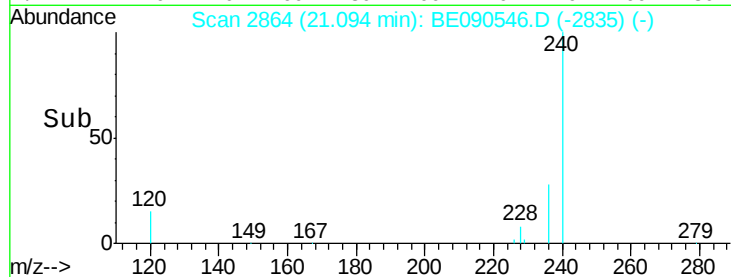
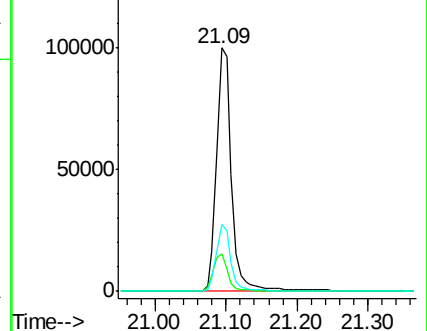
236 27.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.01 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

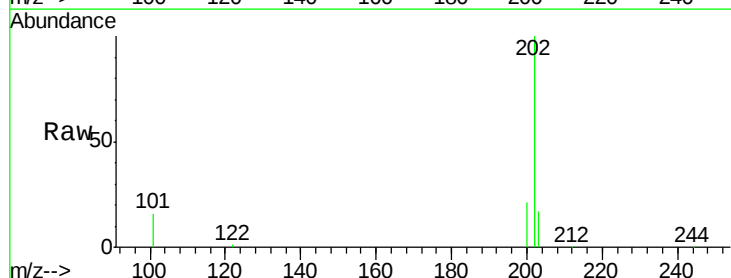
Tgt Ion:202 Resp: 42663

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

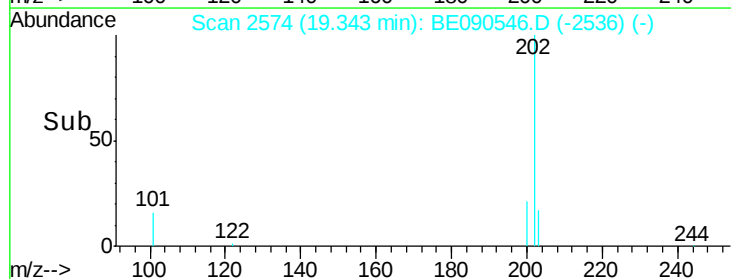
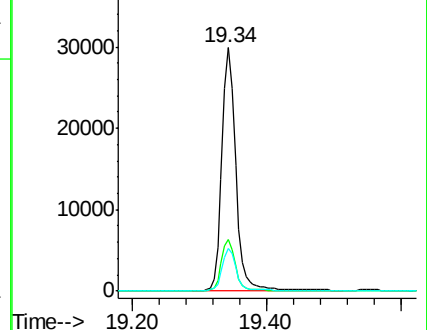
203 17.4 13.8 20.8

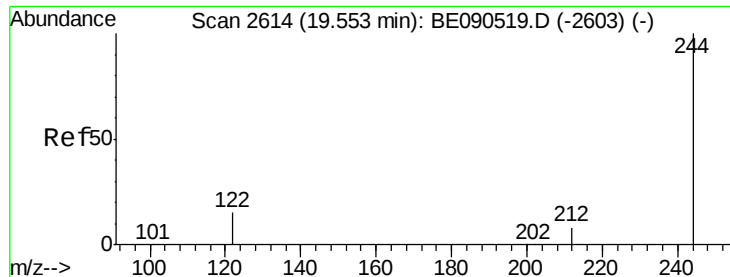


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

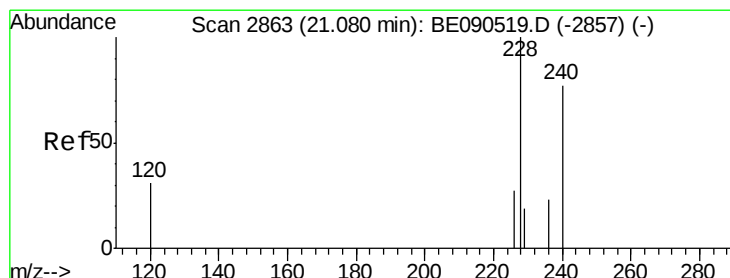
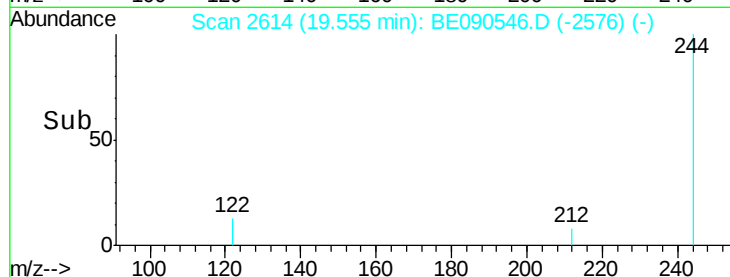
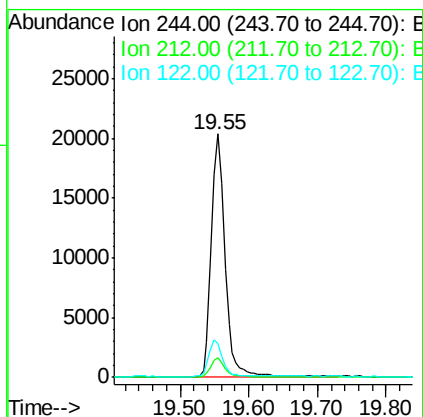
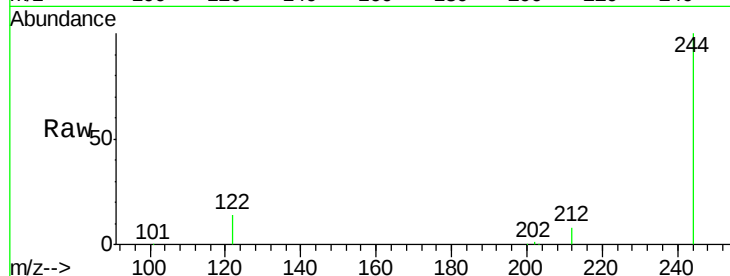




#27
 Terphenyl-d14
 Concen: 1.03 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

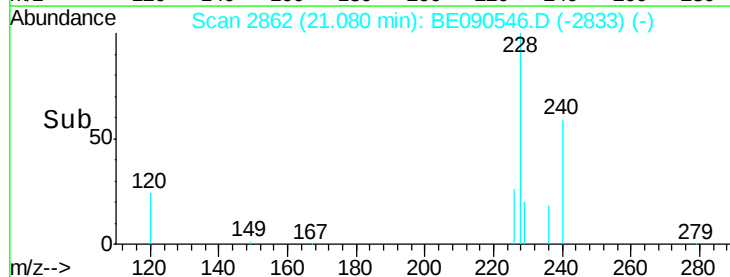
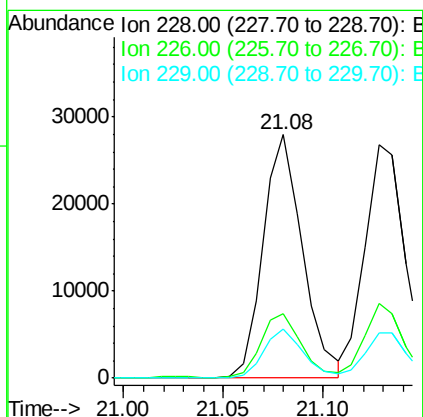
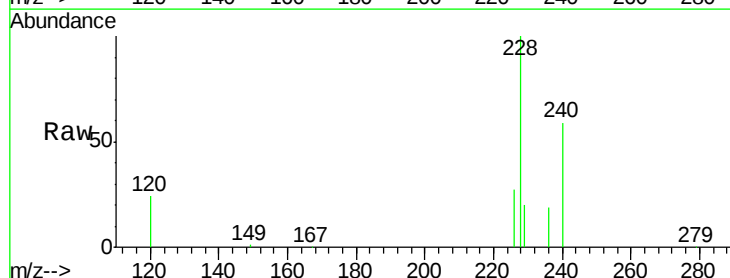
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

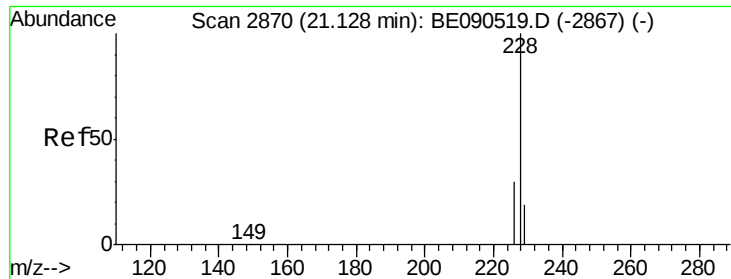
Tgt Ion: 244 Resp: 27856
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.9 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090546.D
 Acq: 17 Aug 2015 23:09

Tgt Ion: 228 Resp: 38066
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.9 32.9
 229 20.2 15.4 23.0





#29

Chrysene

Concen: 1.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

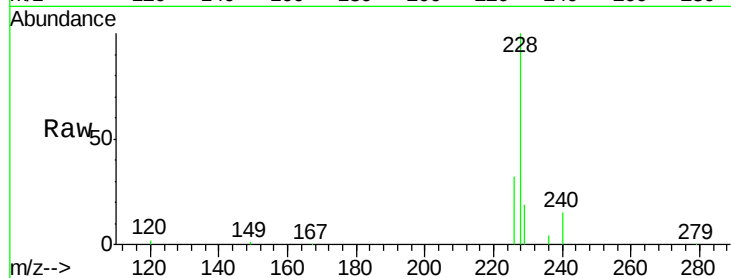
Tgt Ion:228 Resp: 39604

Ion Ratio Lower Upper

228 100

226 31.9 23.1 34.7

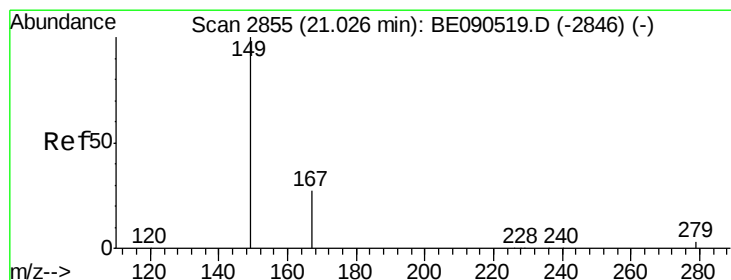
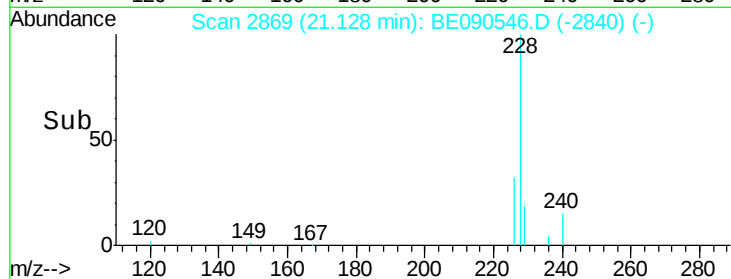
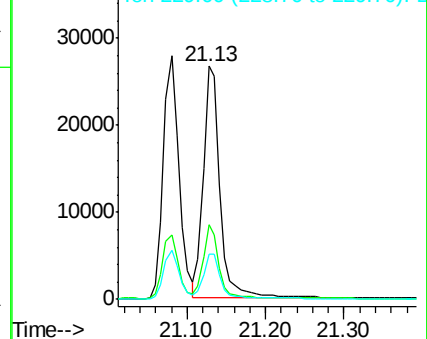
229 19.4 15.8 23.8



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: 1.16 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

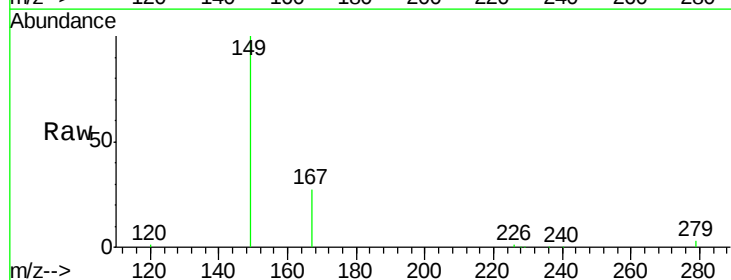
Tgt Ion:149 Resp: 24216

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

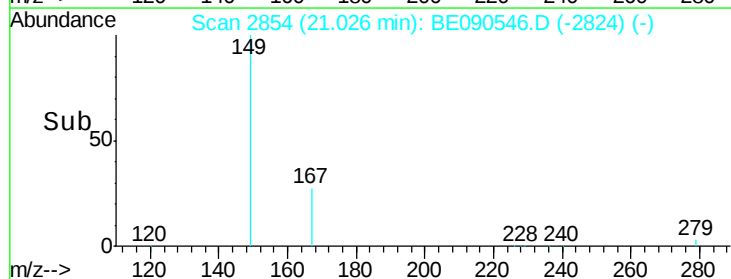
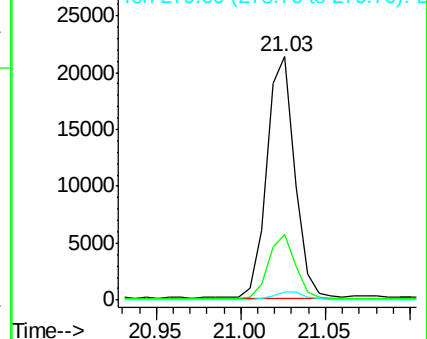
279 3.2 2.4 3.6

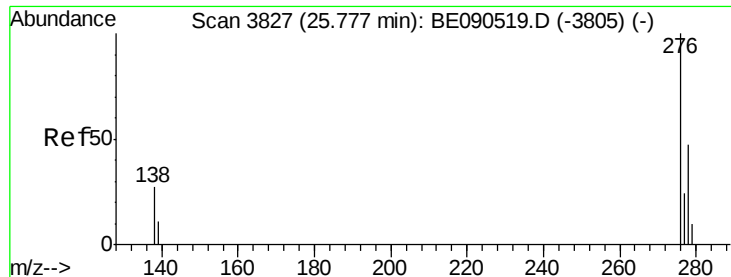


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng

RT: 25.78 min Scan# 3828

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

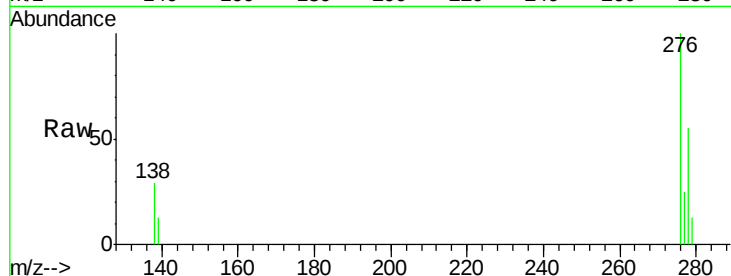
Tgt Ion:276 Resp: 37731

Ion Ratio Lower Upper

276 100

138 29.6 18.8 28.2#

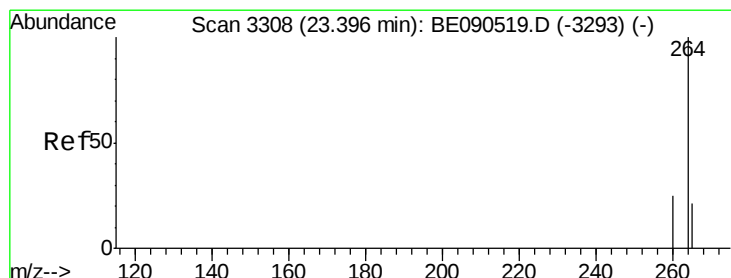
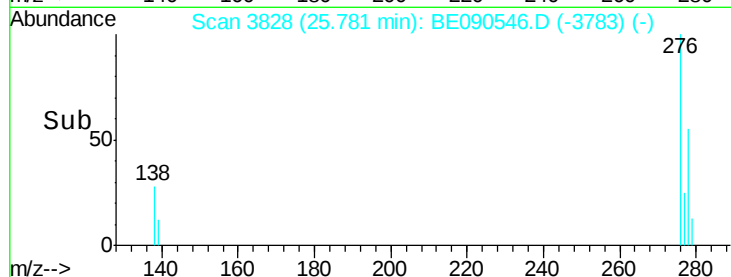
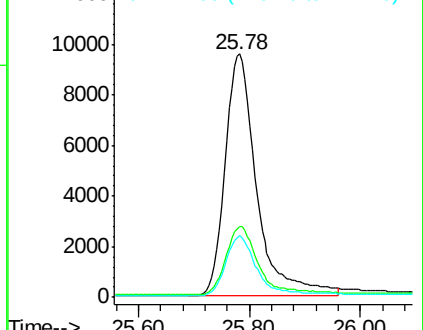
277 24.9 18.2 27.4



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: BE090546.D

Acq: 17 Aug 2015 23:09

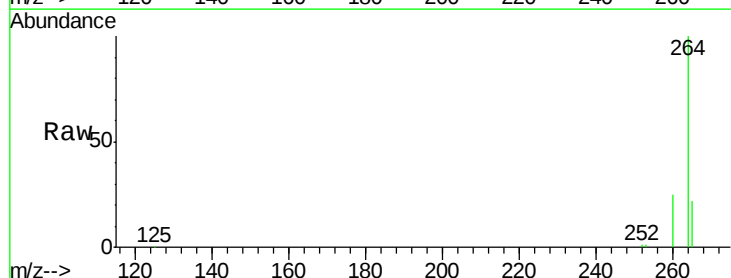
Tgt Ion:264 Resp: 138228

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

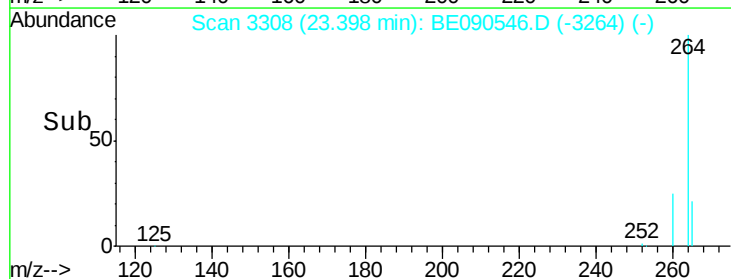
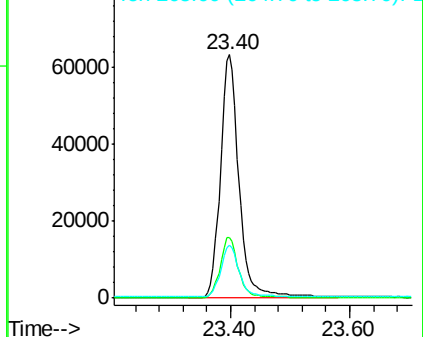
265 21.9 17.2 25.8

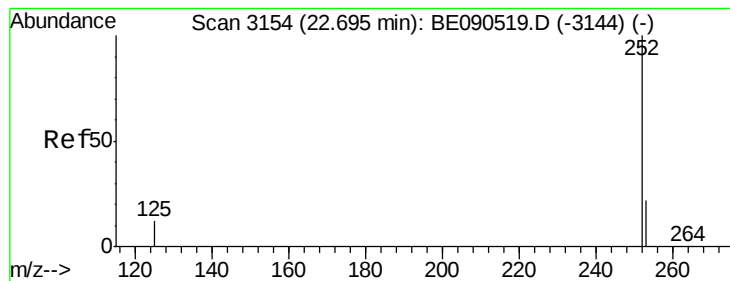


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.01 ng

RT: 22.70 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

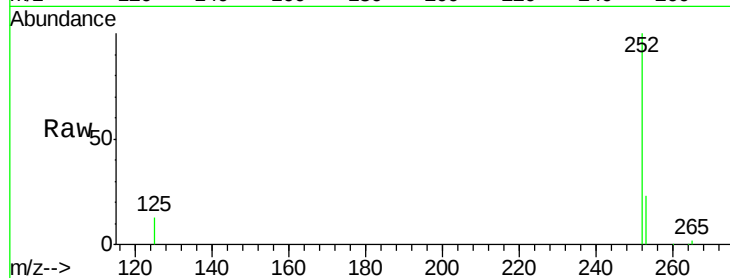
Tgt Ion:252 Resp: 33168

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

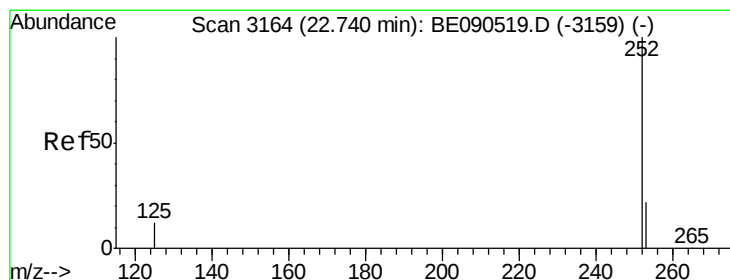
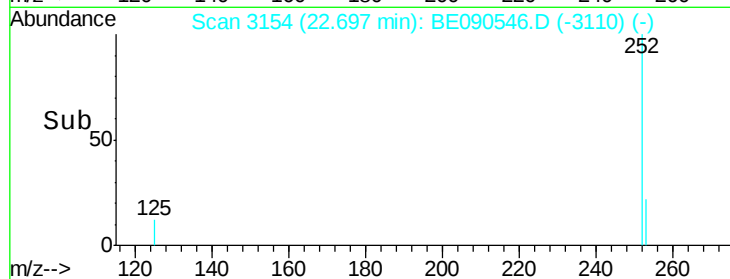
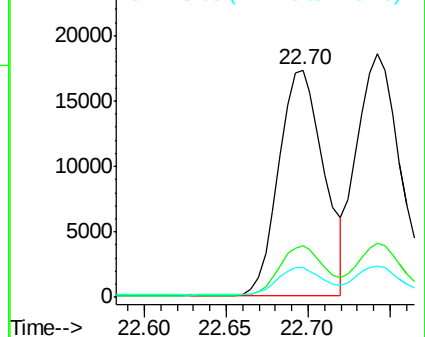
125 13.1 9.4 14.2



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: 1.02 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

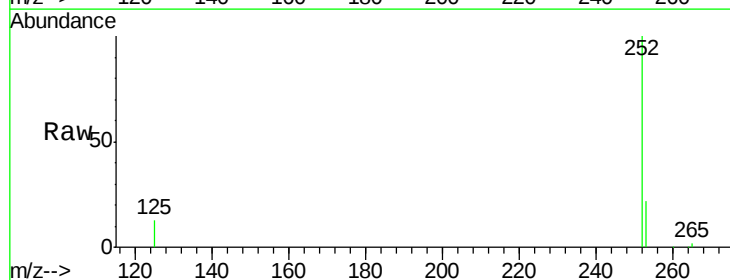
Tgt Ion:252 Resp: 37769

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

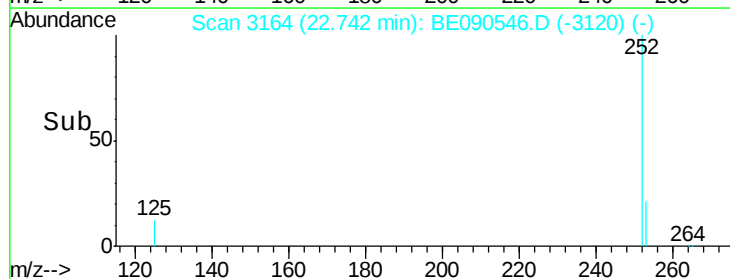
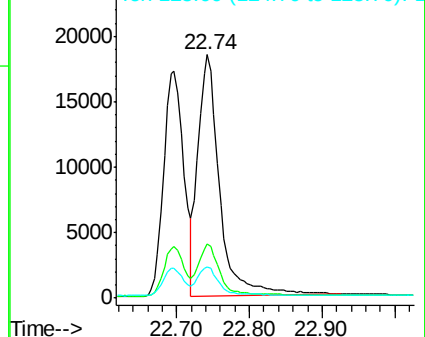
125 13.0 9.1 13.7

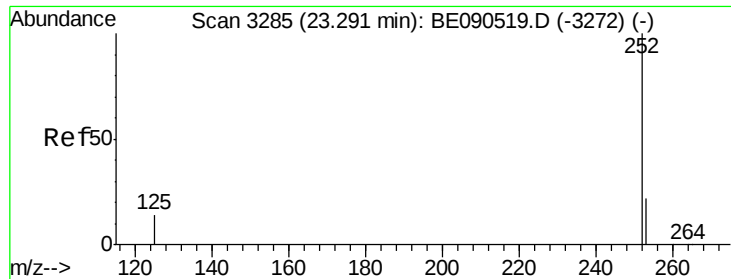


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

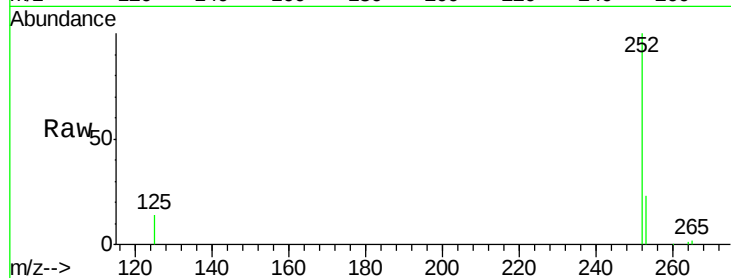
Tgt Ion:252 Resp: 31081

Ion Ratio Lower Upper

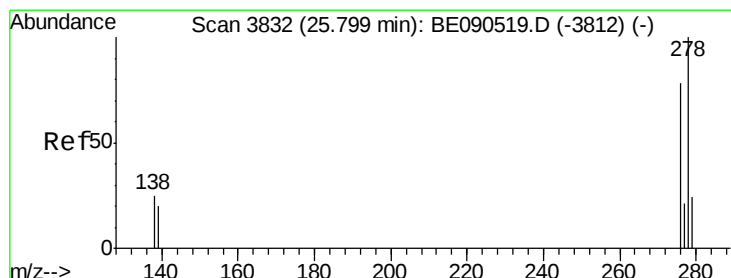
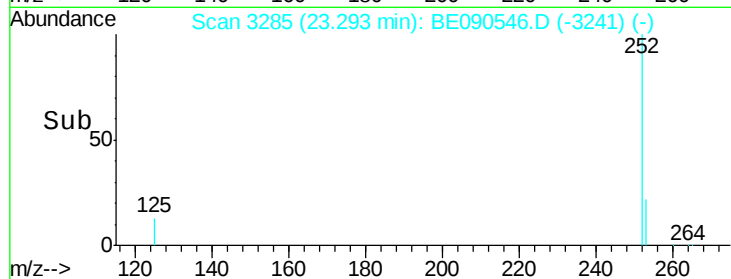
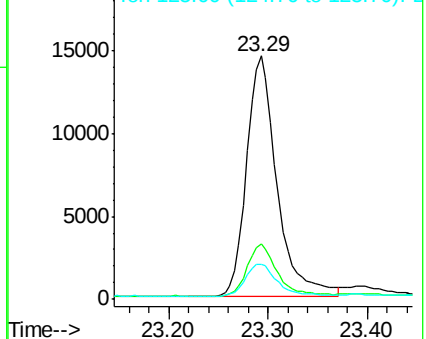
252 100

253 22.7 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: 1.00 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090546.D

Acq: 17 Aug 2015 23:09

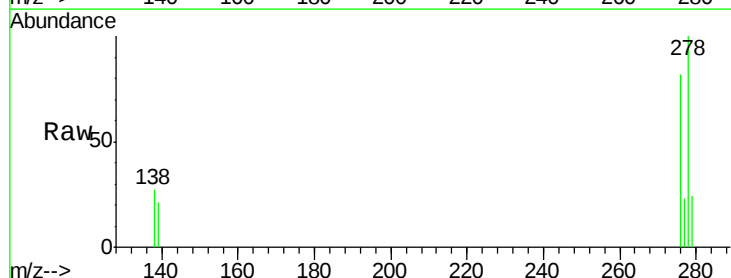
Tgt Ion:278 Resp: 29674

Ion Ratio Lower Upper

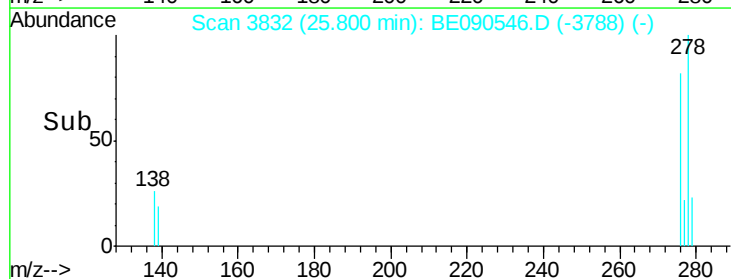
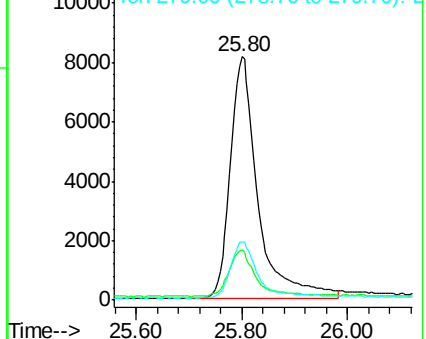
278 100

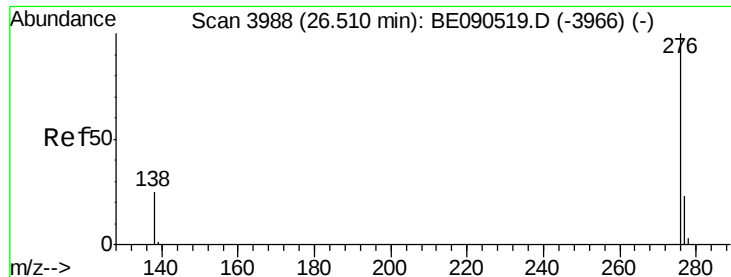
139 20.6 14.2 21.4

279 24.0 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 1.02 ng

RT: 26.52 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BE090546.D

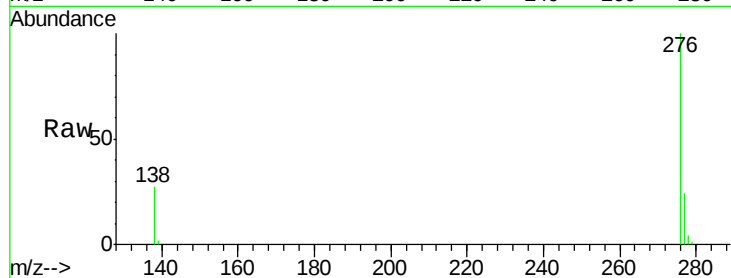
Acq: 17 Aug 2015 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



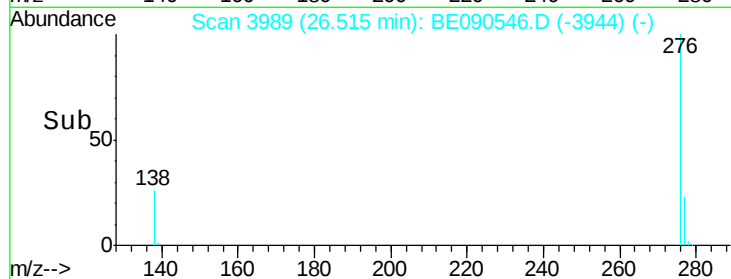
Tgt Ion: 276 Resp: 33059

Ion Ratio Lower Upper

276 100

277 24.0 20.1 30.1

138 26.6 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

