

Data Path : Z:\HPCHEM1\BNA_E\Data\BE070215\
 Data File : BE090051.D
 Acq On : 2 Jul 2015 13:01
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Jul 03 23:50:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

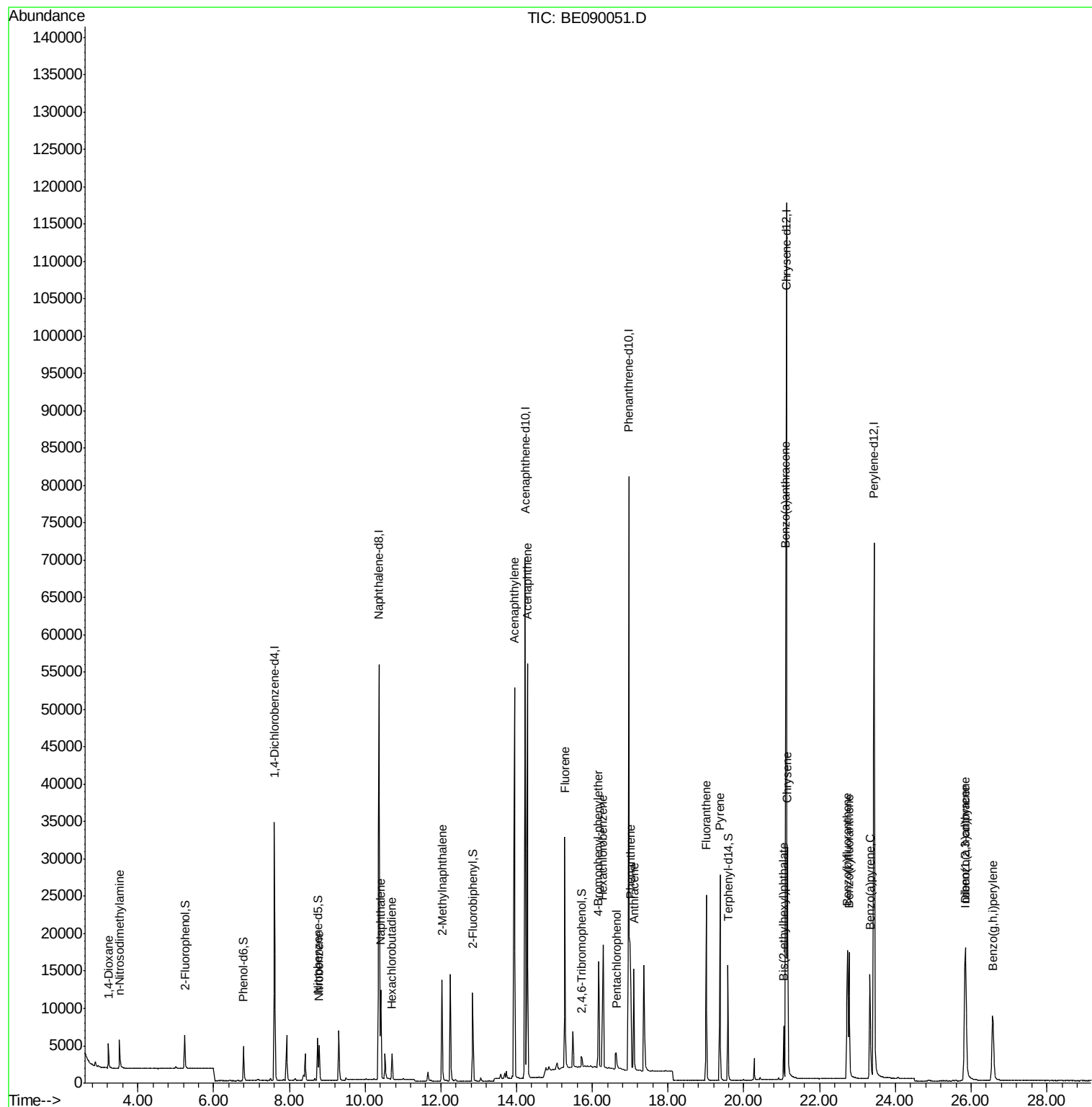
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	16666	5.00	ng	-0.02
6) Naphthalene-d8	10.37	136	74887	5.00	ng	-0.01
12) Acenaphthene-d10	14.23	164	41534	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	93267	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	110092	5.00	ng	-0.01
32) Perylene-d12	23.44	264	101514	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3506	0.92	ng	-0.01
5) Phenol-d6	6.79	99	5161	0.96	ng	-0.01
7) Nitrobenzene-d5	8.75	82	5027	0.85	ng	-0.01
13) 2,4,6-Tribromophenol	15.73	330	792	0.65	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	11409	0.91	ng	-0.01
27) Terphenyl-d14	19.58	244	16468	0.90	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	2035	0.89	ng	92
3) n-Nitrosodimethylamine	3.51	42	2582	0.83	ng	97
8) Nitrobenzene	8.79	77	5321	0.84	ng	99
9) Naphthalene	10.41	128	15469	0.91	ng	99
10) Hexachlorobutadiene	10.71	225	2480	0.93	ng	100
11) 2-Methylnaphthalene	12.03	142	10005	0.88	ng	99
15) Acenaphthylene	13.94	152	68502	0.91	ng	100
16) Acenaphthene	14.28	154	10046	0.93	ng	97
17) Fluorene	15.27	166	13054	0.89	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	3523	0.89	ng	95
20) Hexachlorobenzene	16.28	284	14987	0.91	ng	99
21) Pentachlorophenol	16.63	266	1745	1.06	ng	96
22) Phenanthrene	17.00	178	21449	0.90	ng	100
23) Anthracene	17.10	178	19465	0.89	ng	100
24) Fluoranthene	19.01	202	23690	0.89	ng	100
26) Pyrene	19.37	202	24758	0.94	ng	100
28) Benzo(a)anthracene	21.10	228	25007	0.91	ng	99
29) Chrysene	21.16	228	25706	0.90	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	6171	0.76	ng	100
31) Indeno(1,2,3-cd)pyrene	25.84	276	25708	0.94	ng	99
33) Benzo(b)fluoranthene	22.73	252	22511	1.01	ng	99
34) Benzo(k)fluoranthene	22.77	252	25381	1.01	ng	100
35) Benzo(a)pyrene	23.33	252	20760	1.00	ng	99
36) Dibenzo(a,h)anthracene	25.86	278	20359	0.96	ng	99
37) Benzo(g,h,i)perylene	26.57	276	20699	0.96	ng	97

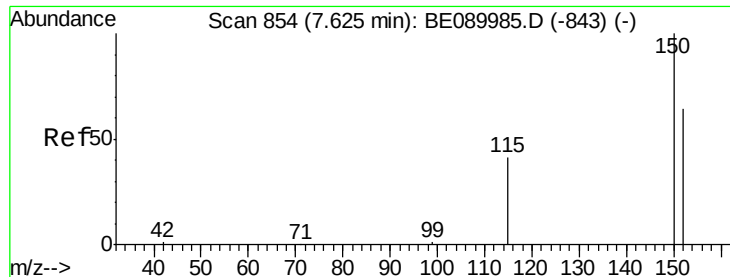
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSTDCCC001

Quant Time: Jul 03 23:50:14 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. -0.02 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

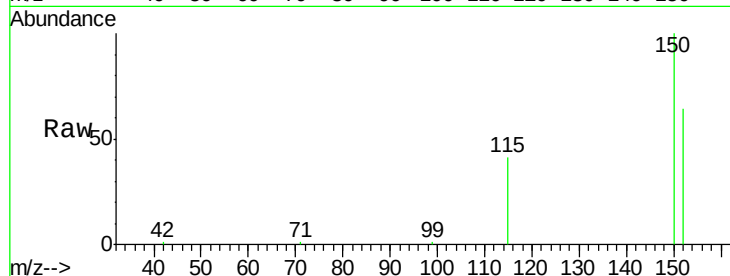
Tgt Ion:152 Resp: 16666

Ion Ratio Lower Upper

152 100

150 156.7 123.9 185.9

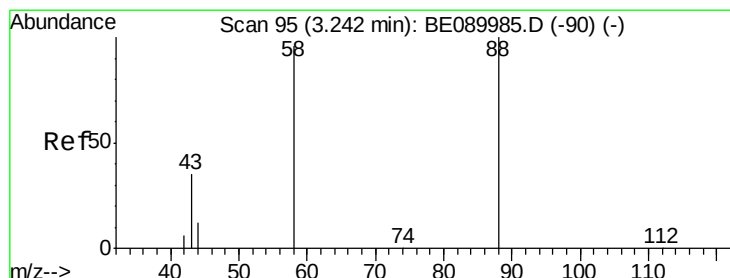
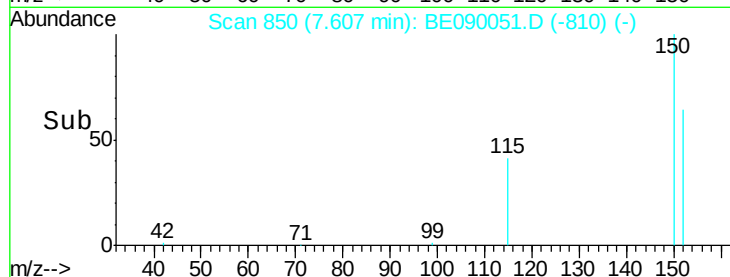
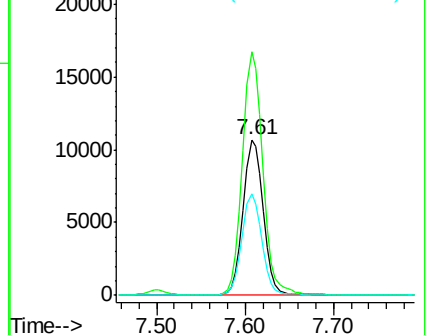
115 65.0 50.6 76.0



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: 0.89 ng

RT: 3.22 min Scan# 92

Delta R.T. -0.02 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

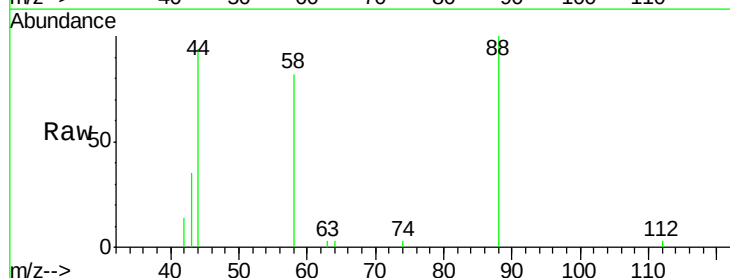
Tgt Ion: 88 Resp: 2035

Ion Ratio Lower Upper

88 100

58 80.6 70.9 106.3

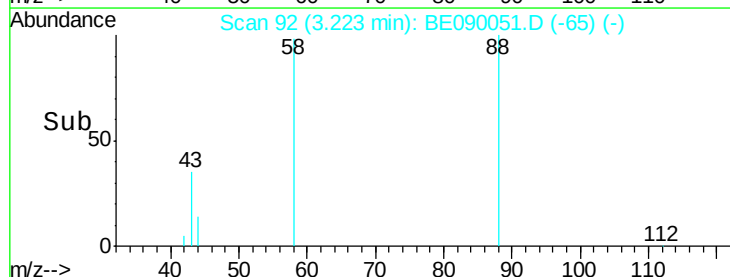
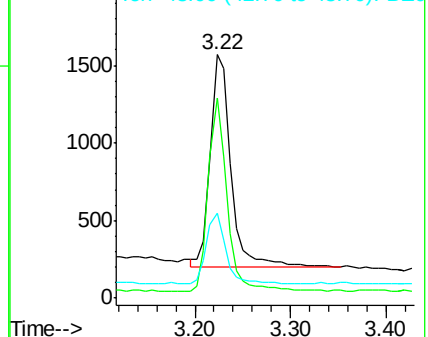
43 31.0 27.6 41.4

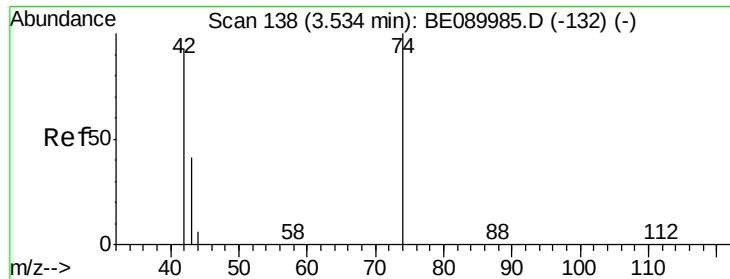


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



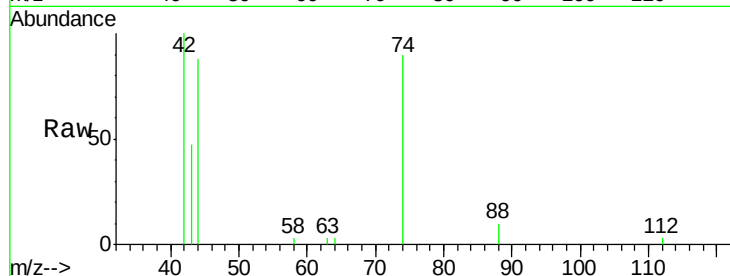


#3

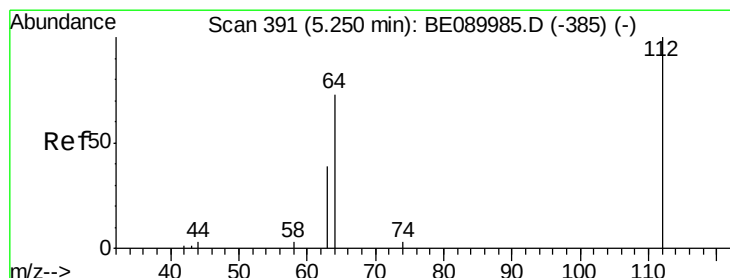
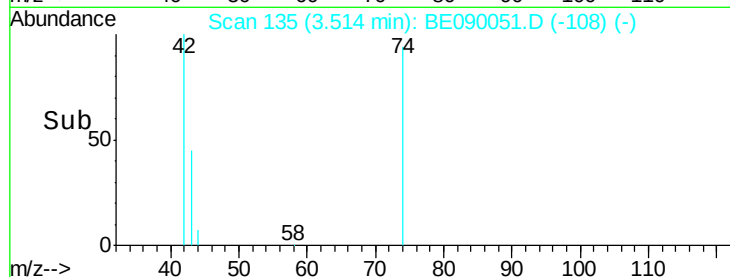
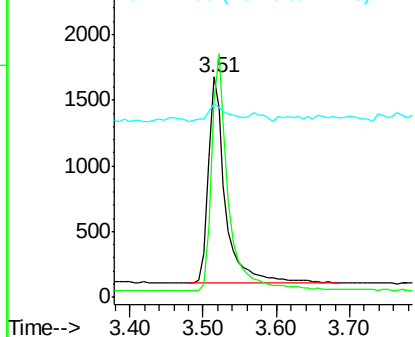
n-Nitrosodimethylamine
 Concen: 0.83 ng
 RT: 3.51 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 42 Resp: 2582
 Ion Ratio Lower Upper
 42 100
 74 114.7 89.4 134.2
 44 9.7 6.9 10.3



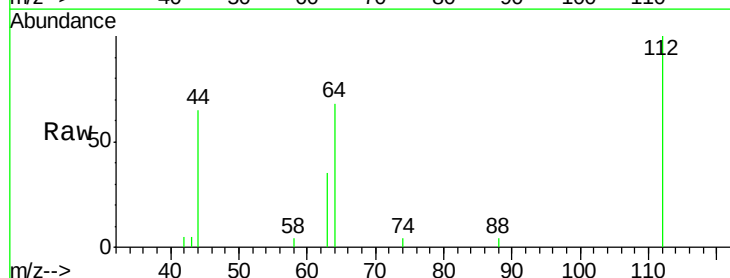
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



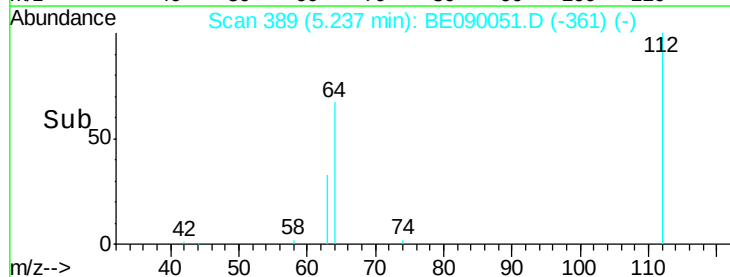
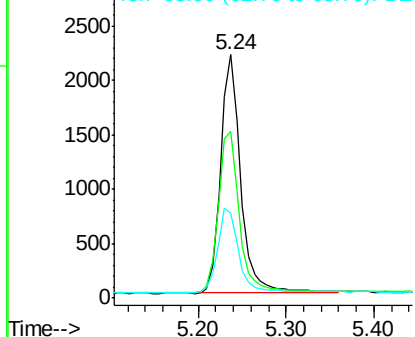
#4

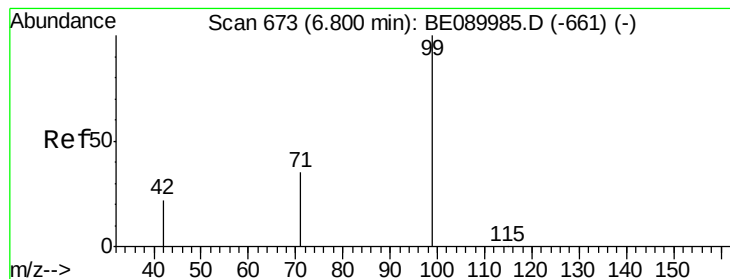
2-Fluorophenol
 Concen: 0.92 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Tgt Ion: 112 Resp: 3506
 Ion Ratio Lower Upper
 112 100
 64 71.1 56.3 84.5
 63 36.7 29.8 44.6



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: 0.96 ng

RT: 6.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

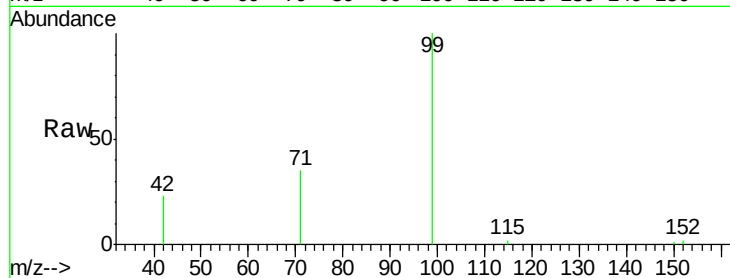
Tgt Ion: 99 Resp: 5161

Ion Ratio Lower Upper

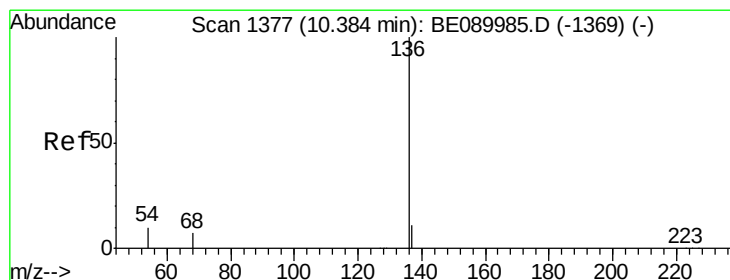
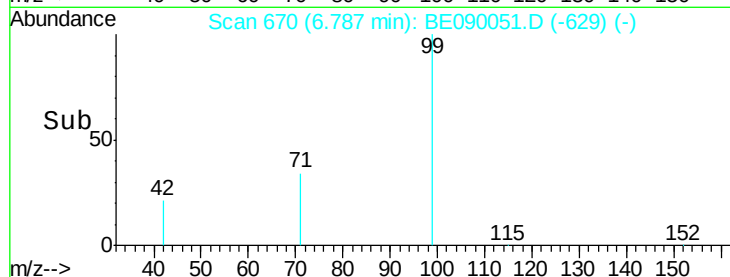
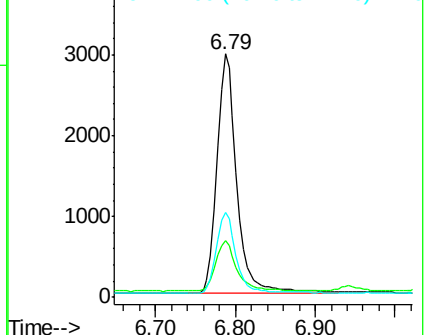
99 100

42 22.0 18.7 28.1

71 34.0 27.5 41.3



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: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Tgt Ion: 136 Resp: 74887

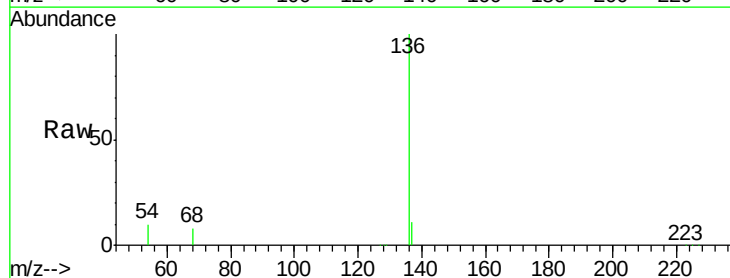
Ion Ratio Lower Upper

136 100

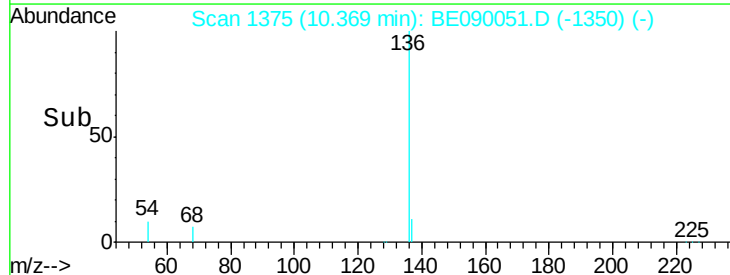
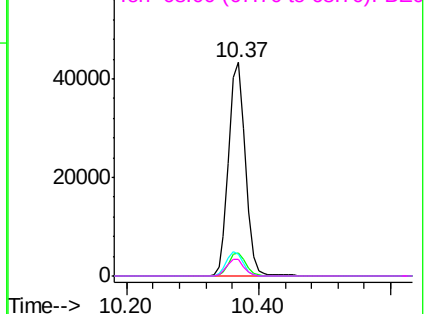
137 11.0 8.9 13.3

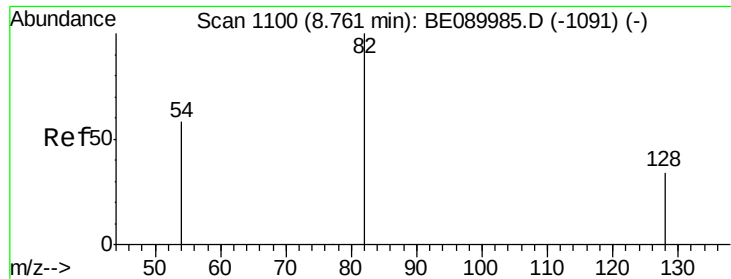
54 10.2 8.2 12.4

68 7.5 5.8 8.8



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: 0.85 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

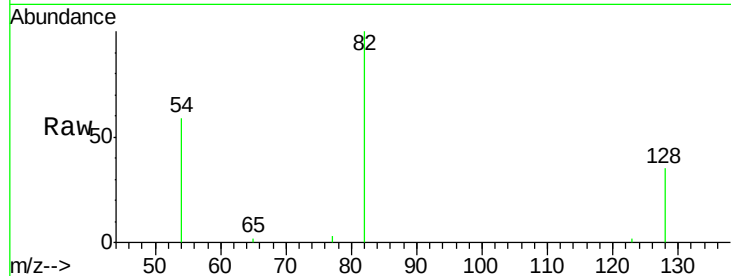
Tgt Ion: 82 Resp: 5027

Ion Ratio Lower Upper

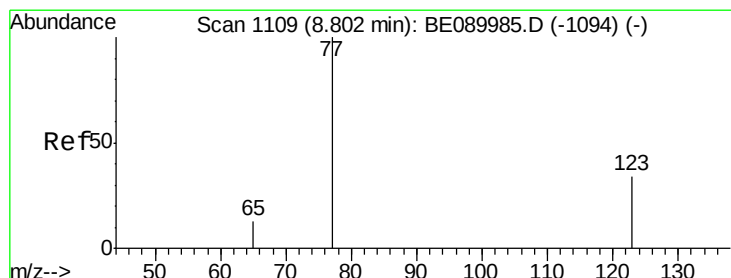
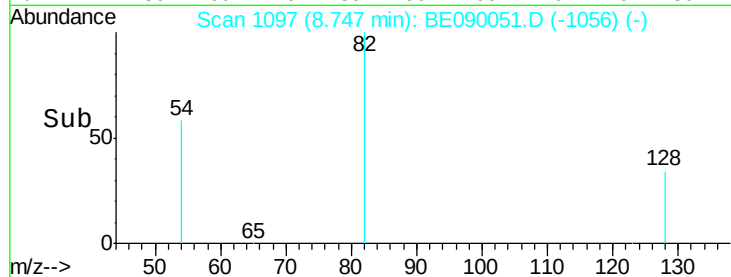
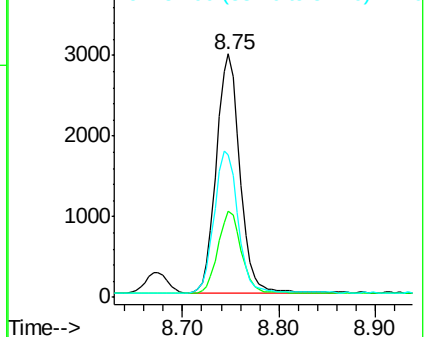
82 100

128 35.2 28.0 42.0

54 58.6 47.6 71.4



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: 0.84 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

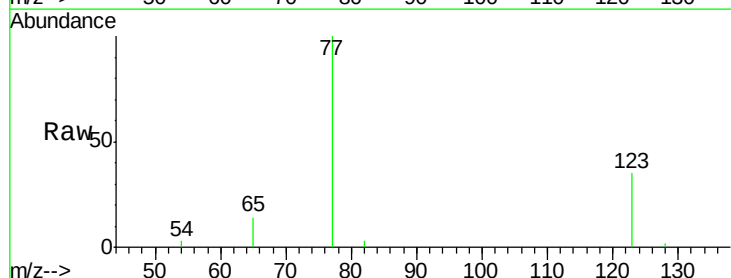
Tgt Ion: 77 Resp: 5321

Ion Ratio Lower Upper

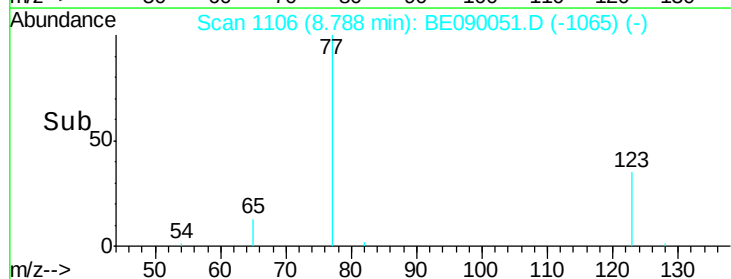
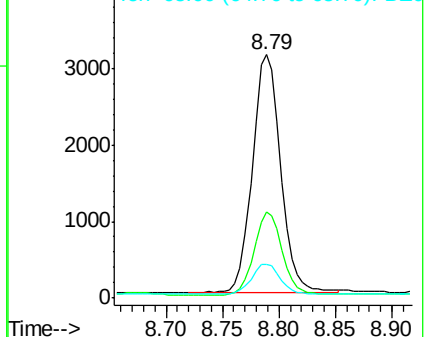
77 100

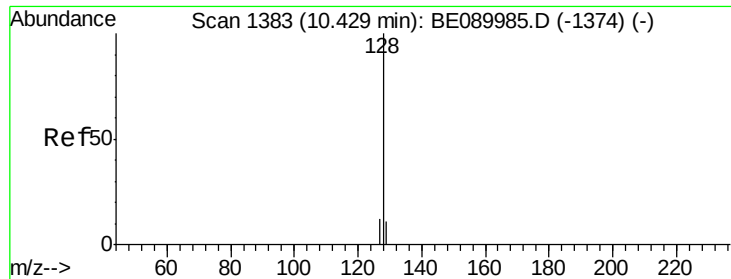
123 34.7 27.4 41.0

65 12.5 10.6 15.8



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: 0.91 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

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SSTDCCC001

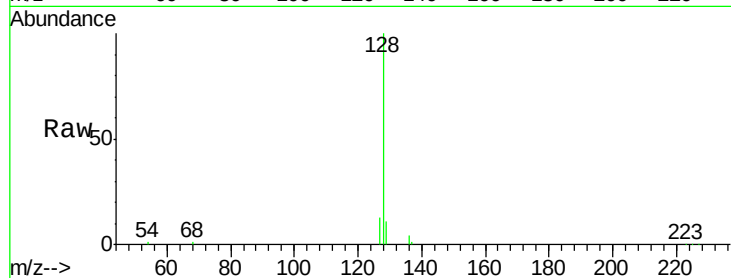
Tgt Ion:128 Resp: 15469

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

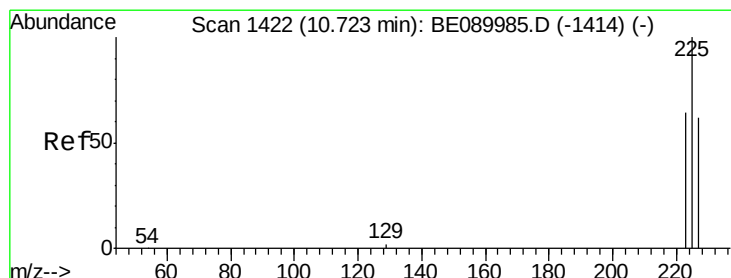
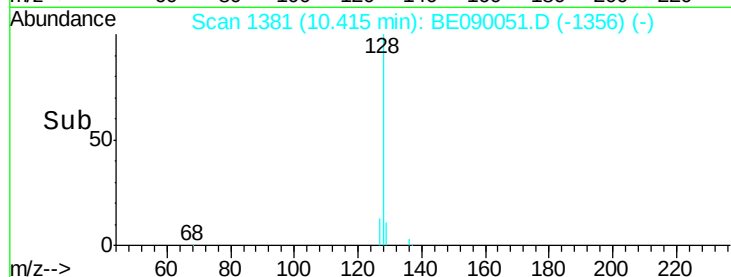
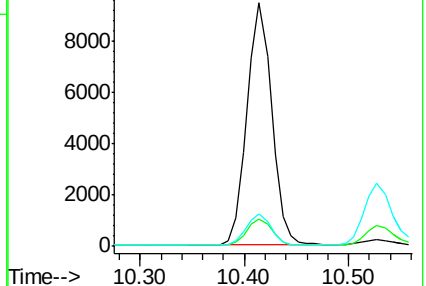
127 13.2 10.2 15.4



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: 0.93 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

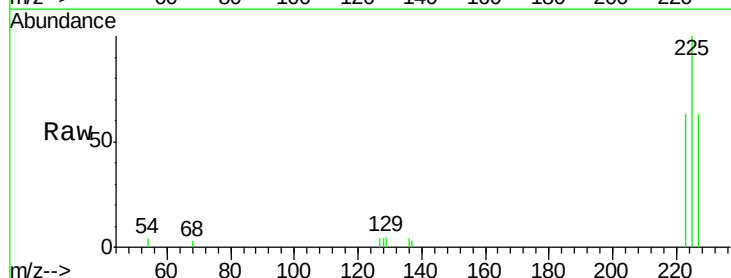
Tgt Ion:225 Resp: 2480

Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

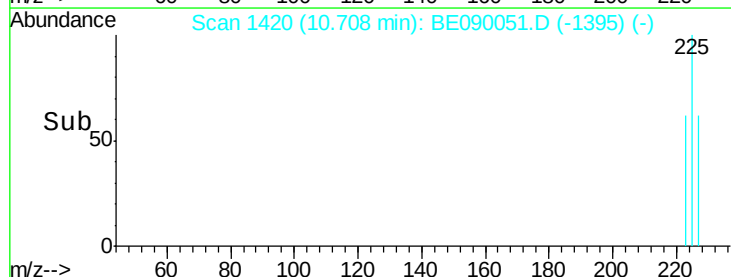
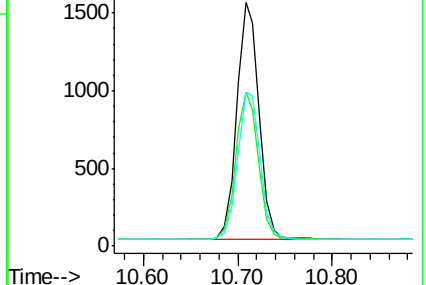
227 63.7 50.9 76.3

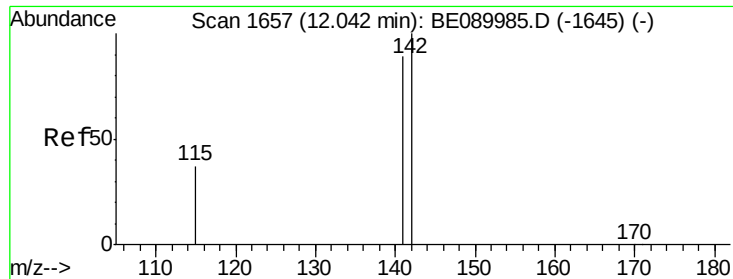


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

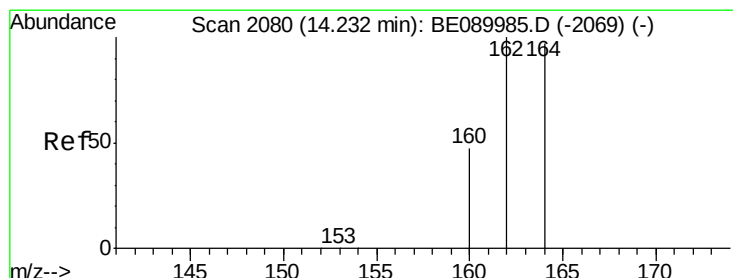
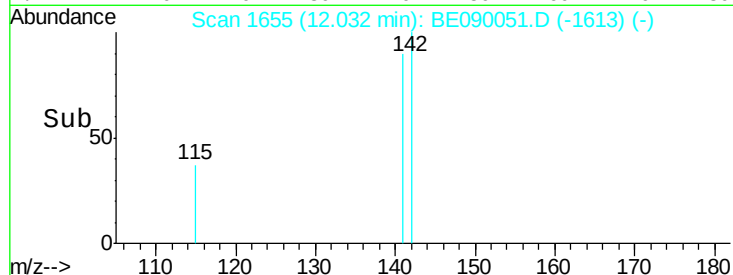
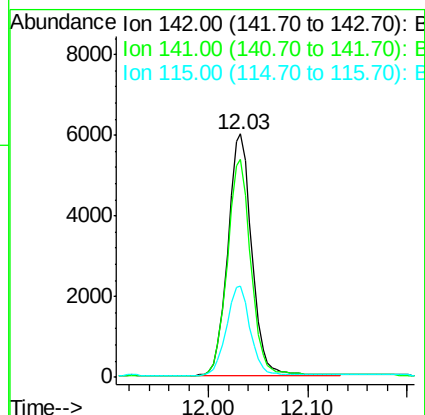
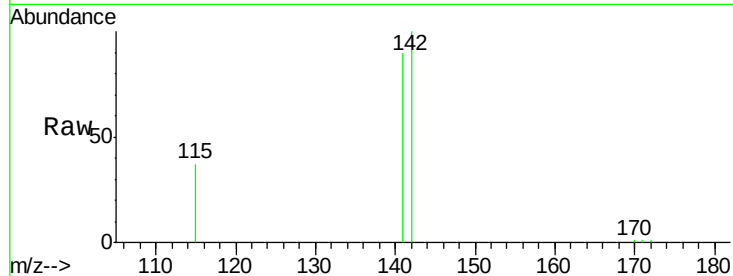




#11
2-Methylnaphthalene
Concen: 0.88 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090051.D
Acq: 2 Jul 2015 13:01

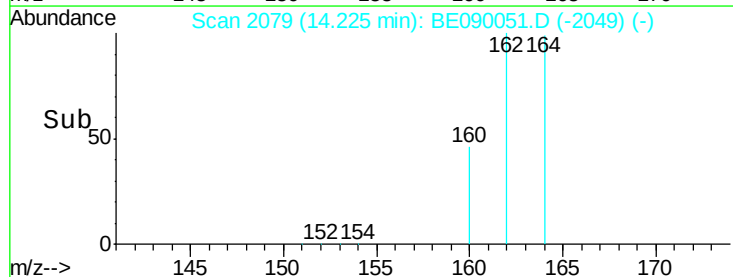
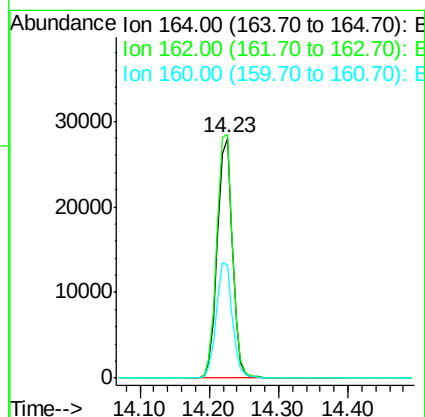
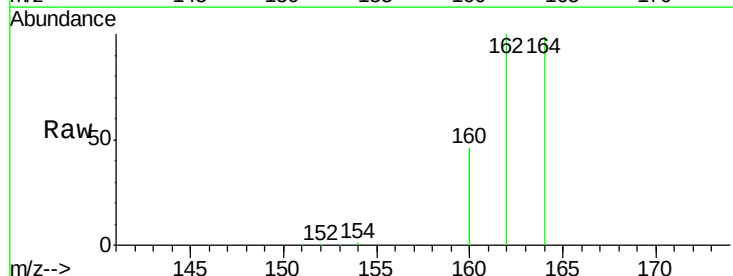
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

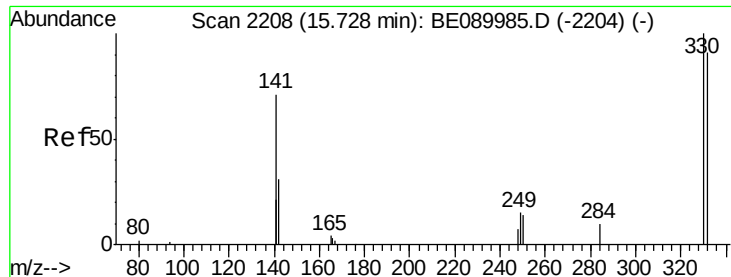
Tgt Ion:142 Resp: 10005
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 37.4 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090051.D
Acq: 2 Jul 2015 13:01

Tgt Ion:164 Resp: 41534
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.4
160 46.8 39.0 58.6

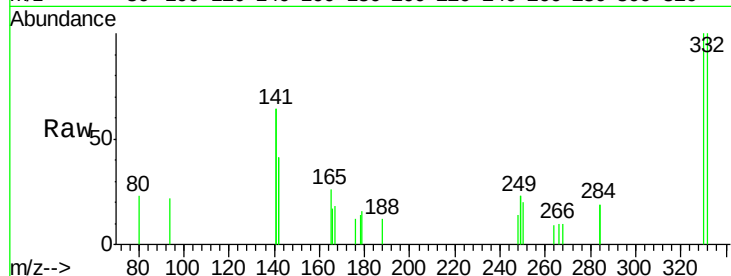




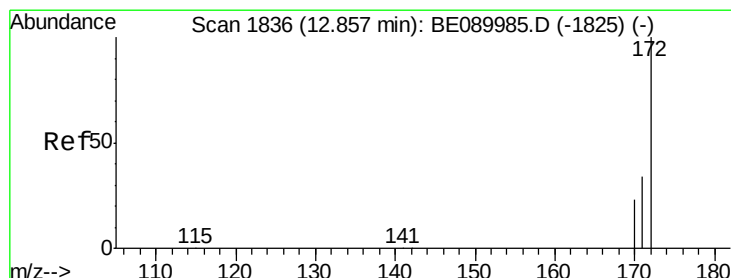
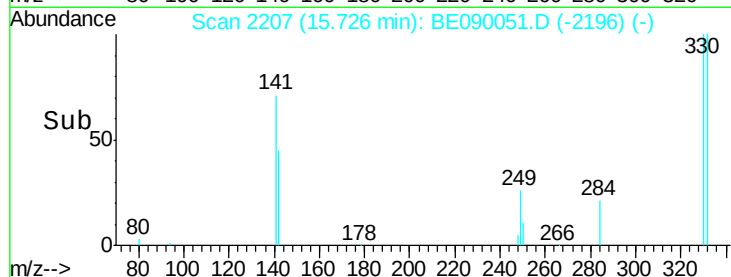
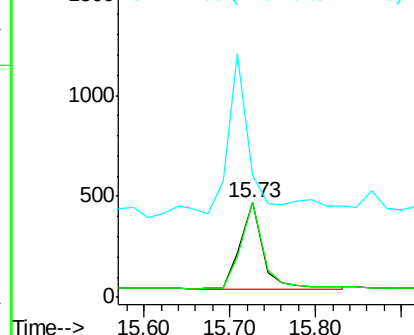
#13
 2,4,6-Tribromophenol
 Concen: 0.65 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 330 Resp: 792
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.4 114.6
 141 192.7 130.3 195.5

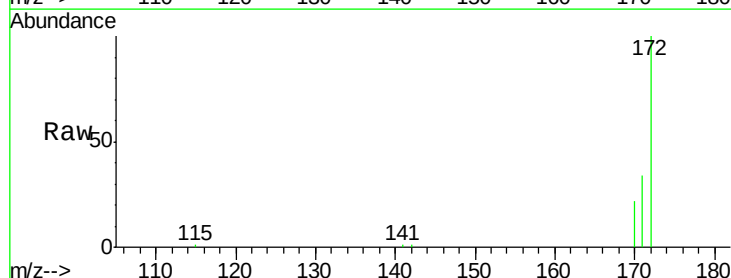


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

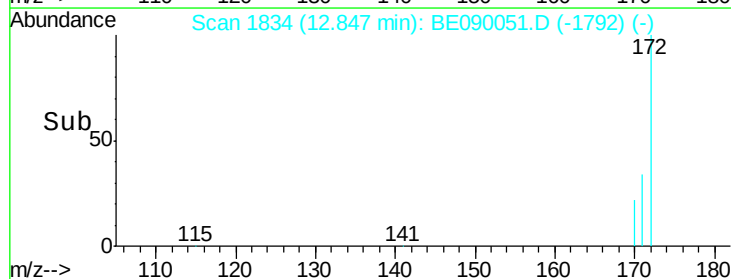
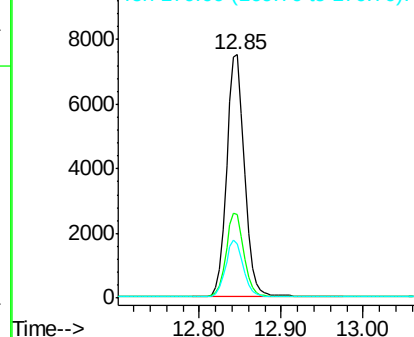


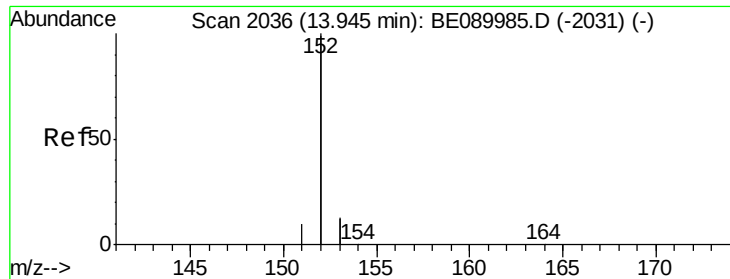
#14
 2-Fluorobiphenyl
 Concen: 0.91 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Tgt Ion: 172 Resp: 11409
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.8 41.6
 170 22.2 18.3 27.5



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: 0.91 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

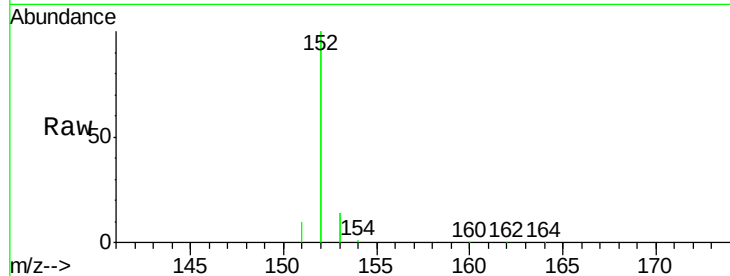
Tgt Ion:152 Resp: 68502

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

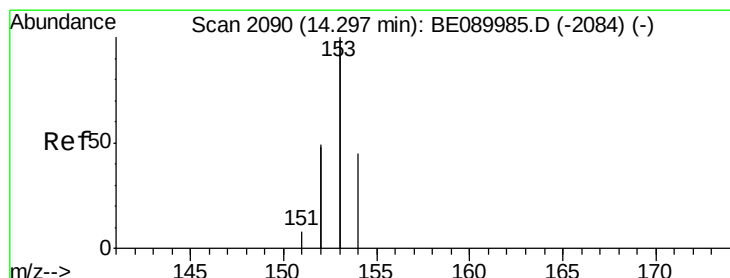
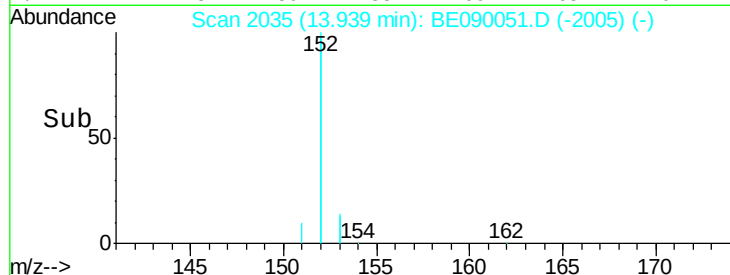
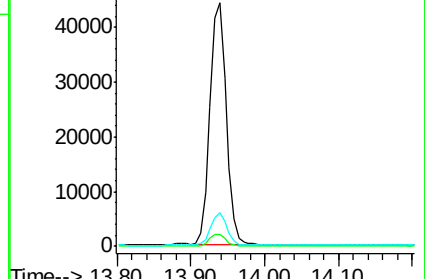
153 13.0 10.4 15.6



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: 0.93 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

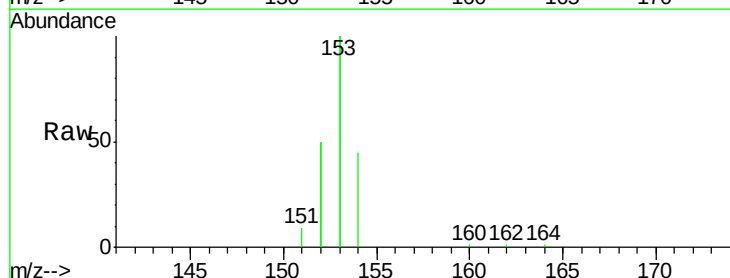
Tgt Ion:154 Resp: 10046

Ion Ratio Lower Upper

154 100

153 457.1 358.6 538.0

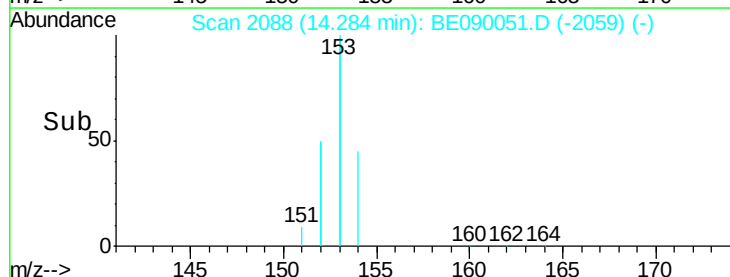
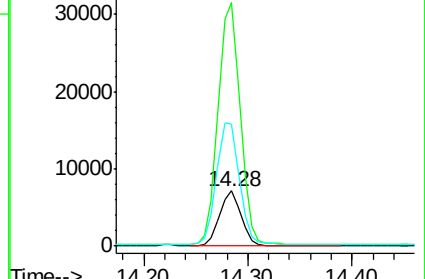
152 239.4 189.6 284.4

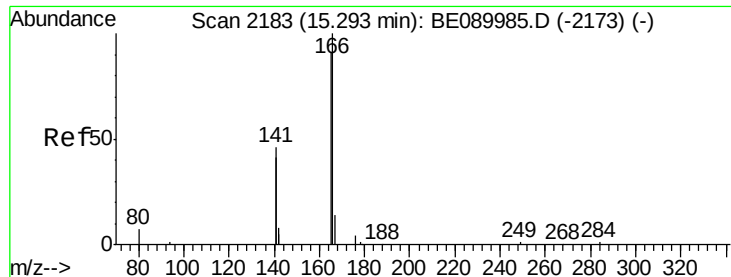


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

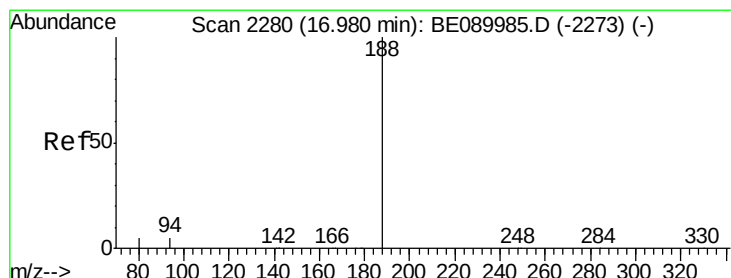
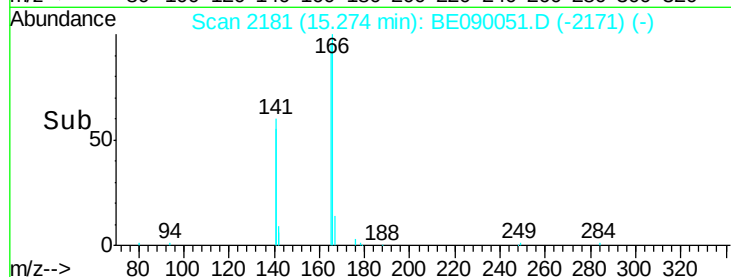
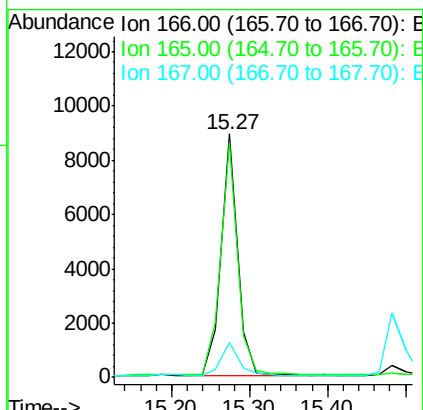
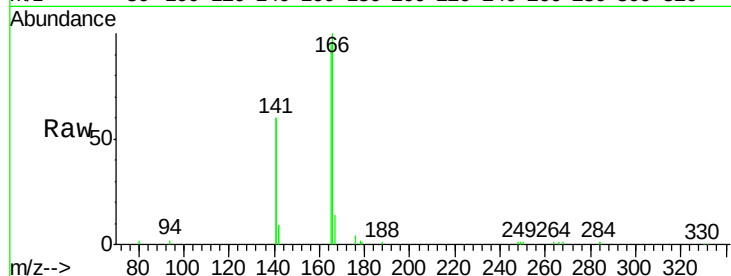




#17
Fluorene
 Concen: 0.89 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

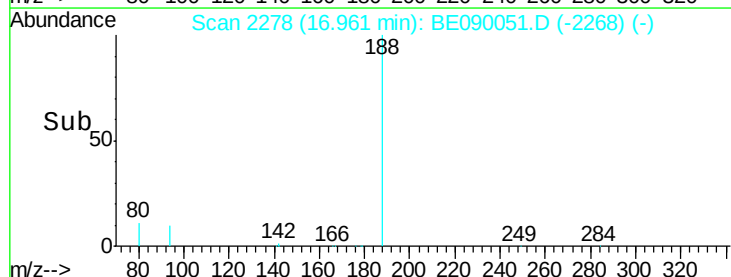
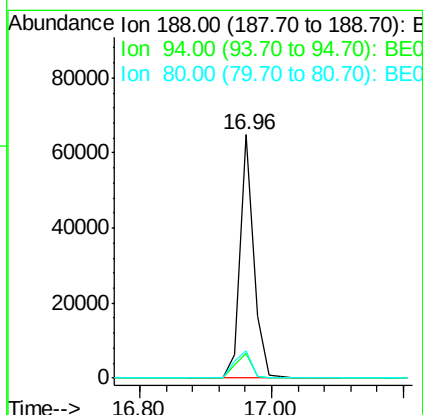
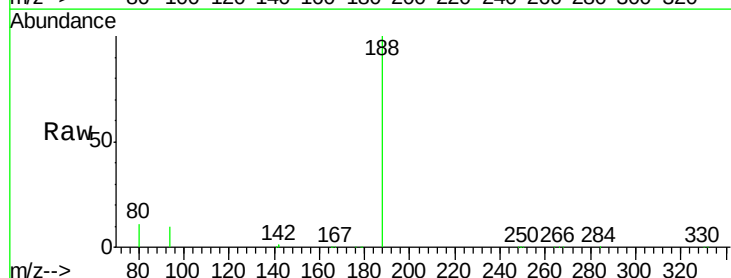
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

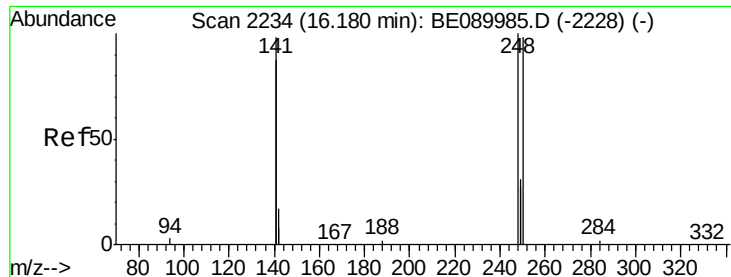
Tgt Ion:166 Resp: 13054
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.0 118.6
 167 14.6 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Tgt Ion:188 Resp: 93267
 Ion Ratio Lower Upper
 188 100
 94 10.2 4.1 6.1#
 80 11.3 4.2 6.2#

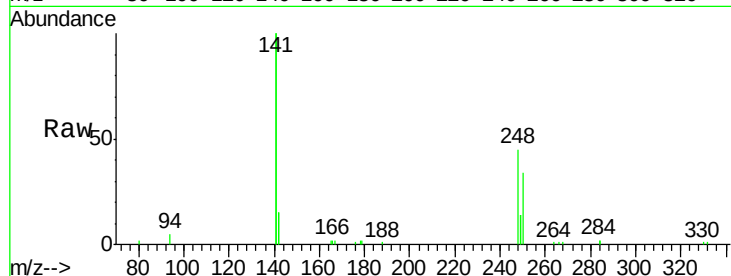




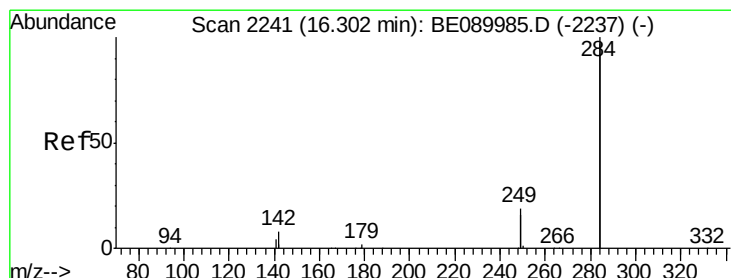
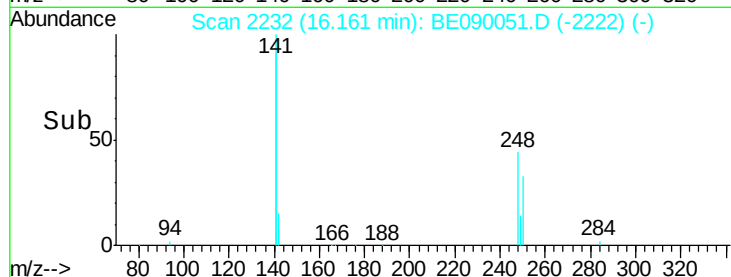
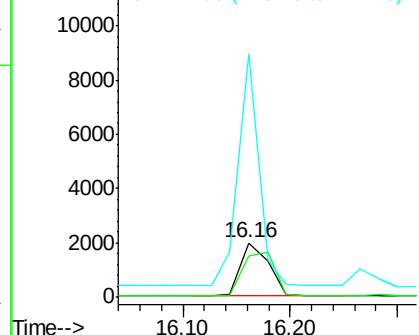
#19
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BE090051.D
Acq: 2 Jul 2015 13:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 3523
Ion Ratio Lower Upper
248 100
250 95.6 78.3 117.5
141 322.3 248.1 372.1

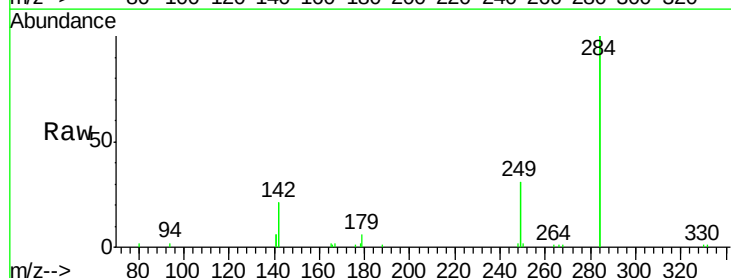


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

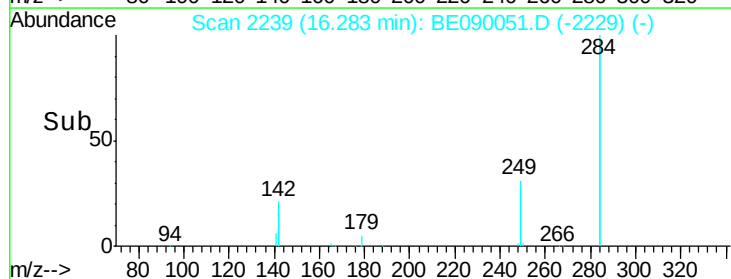
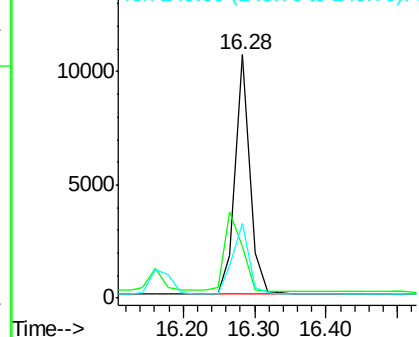


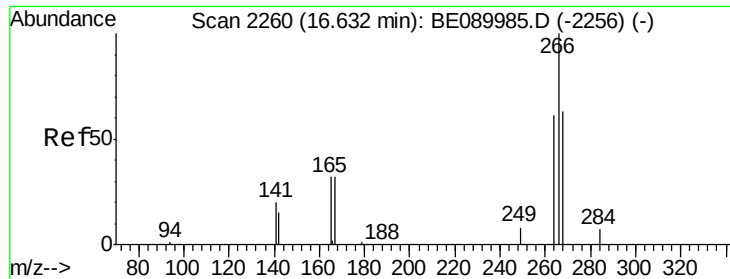
#20
Hexachlorobenzene
Concen: 0.91 ng
RT: 16.28 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BE090051.D
Acq: 2 Jul 2015 13:01

Tgt Ion:284 Resp: 14987
Ion Ratio Lower Upper
284 100
142 40.5 32.6 49.0
249 32.8 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

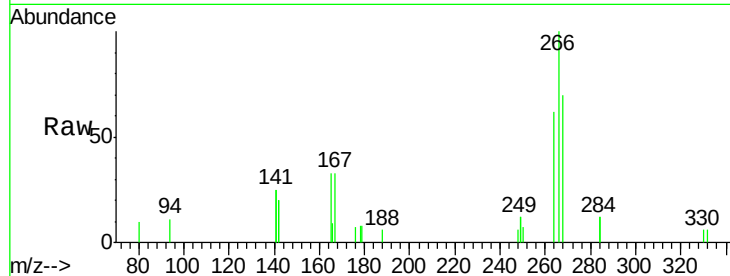




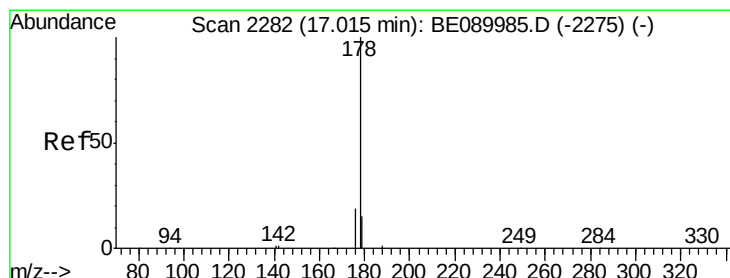
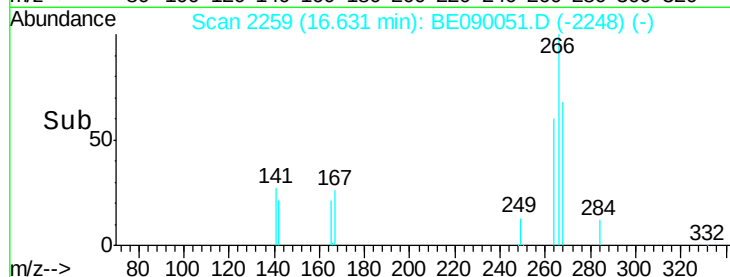
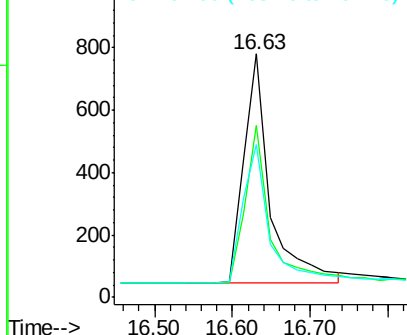
#21
 Pentachlorophenol
 Concen: 1.06 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion: 266 Resp: 1745
 Ion Ratio Lower Upper
 266 100
 268 70.4 51.8 77.8
 264 62.5 50.2 75.2

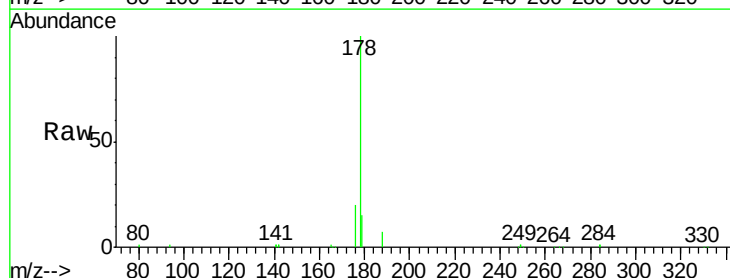


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

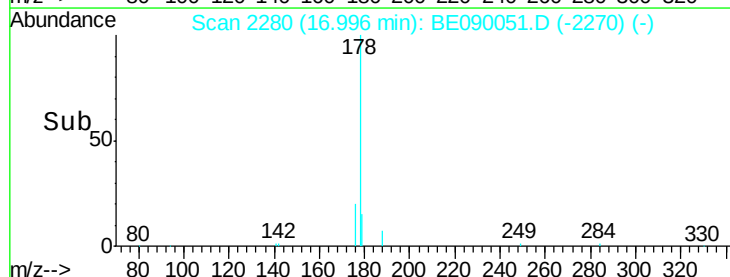
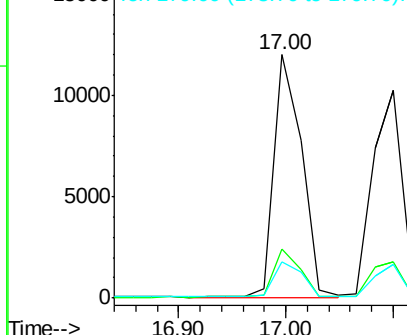


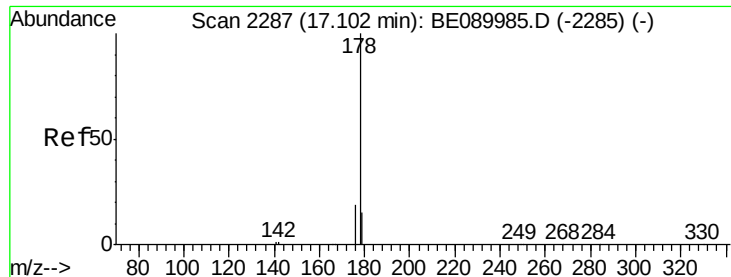
#22
 Phenanthrene
 Concen: 0.90 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Tgt Ion: 178 Resp: 21449
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.4 12.4 18.6



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: 0.89 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

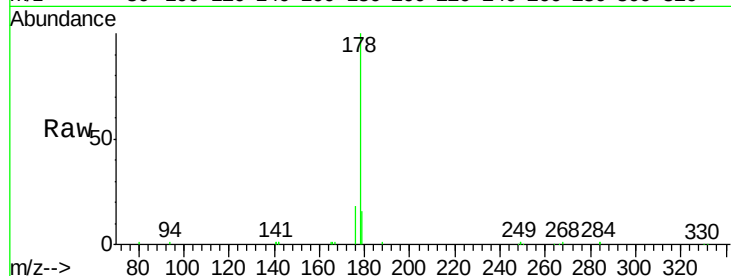
Tgt Ion:178 Resp: 19465

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.2 12.1 18.1

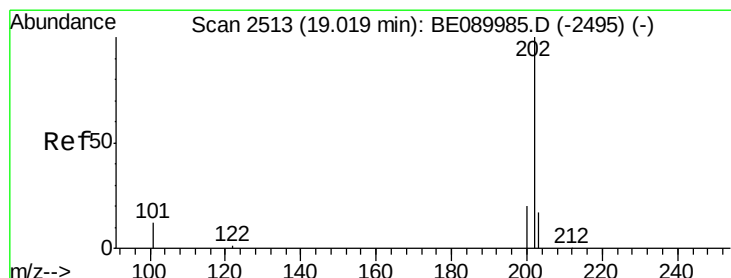
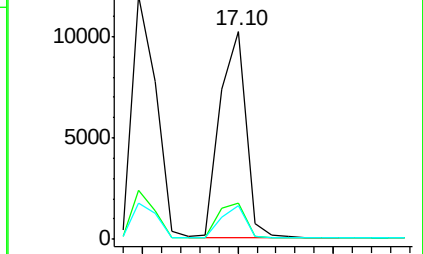
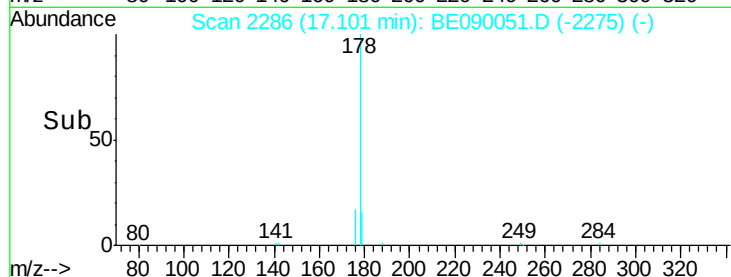


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.10



#24

Fluoranthene

Concen: 0.89 ng

RT: 19.01 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

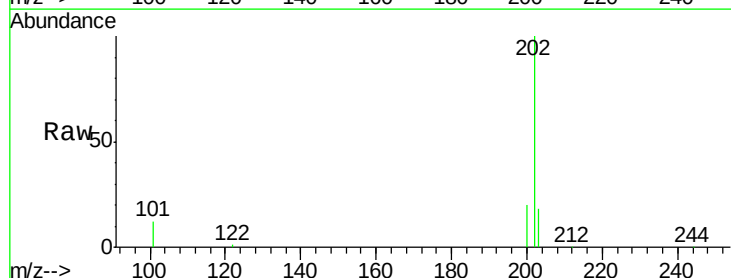
Tgt Ion:202 Resp: 23690

Ion Ratio Lower Upper

202 100

101 13.1 10.6 15.8

203 17.1 13.8 20.6

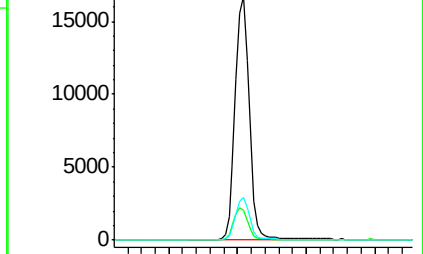
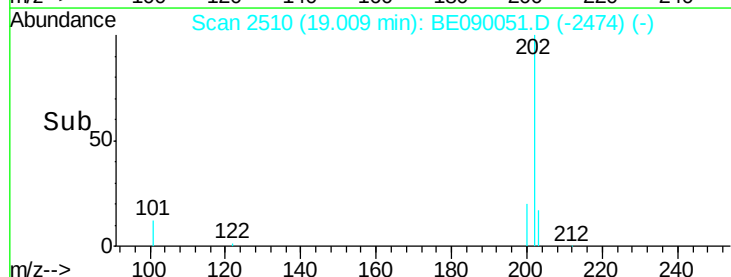


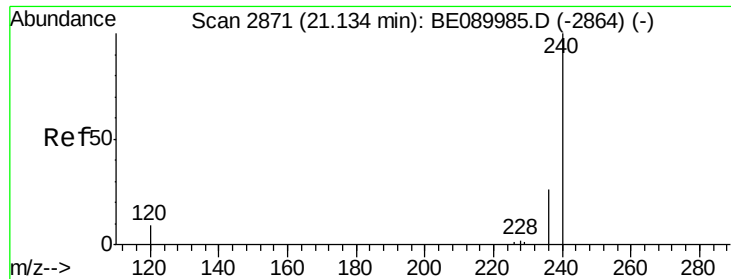
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.01





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

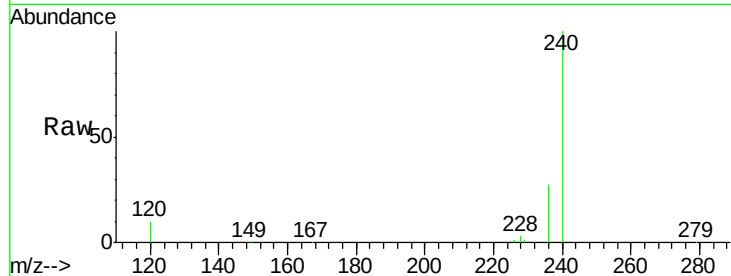
Tgt Ion:240 Resp: 110092

Ion Ratio Lower Upper

240 100

120 9.7 6.9 10.3

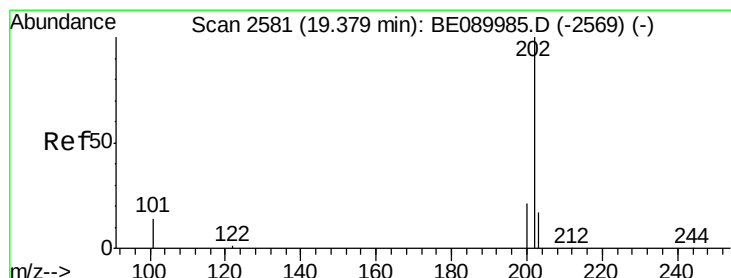
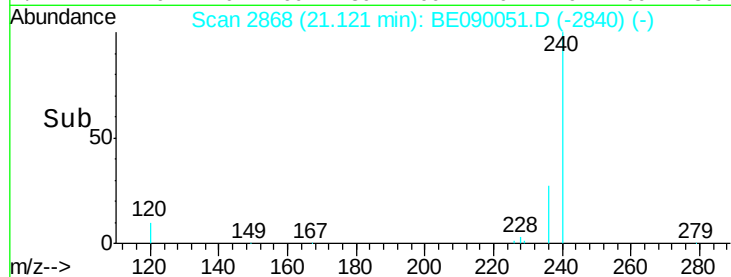
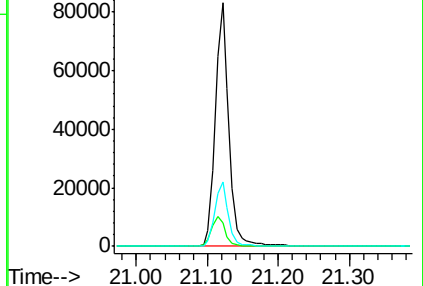
236 26.6 20.8 31.2



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: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

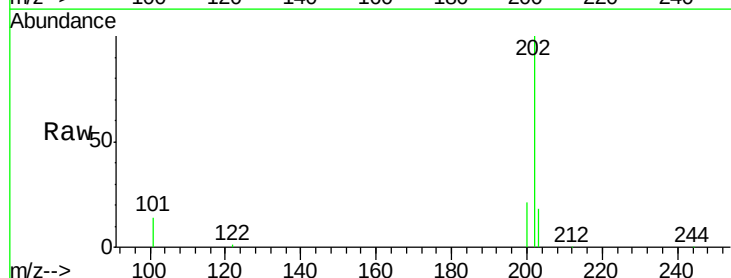
Tgt Ion:202 Resp: 24758

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

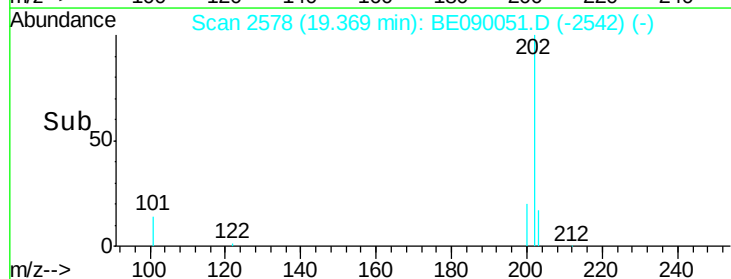
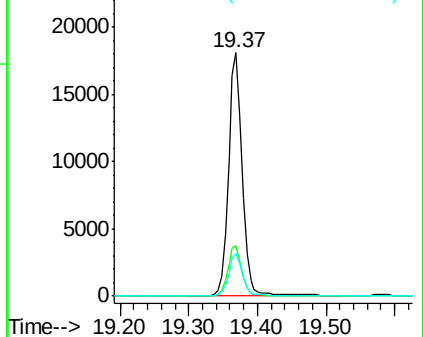
203 17.4 13.9 20.9

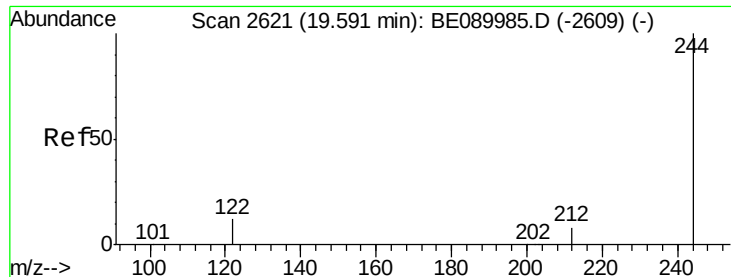


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

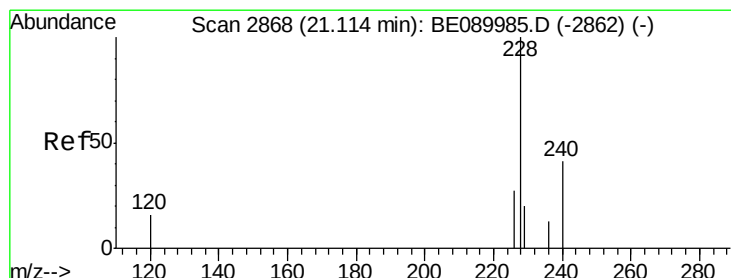
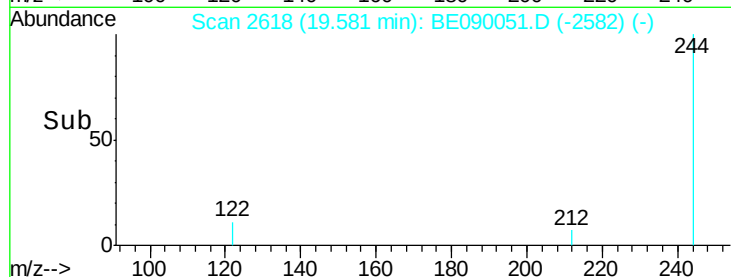
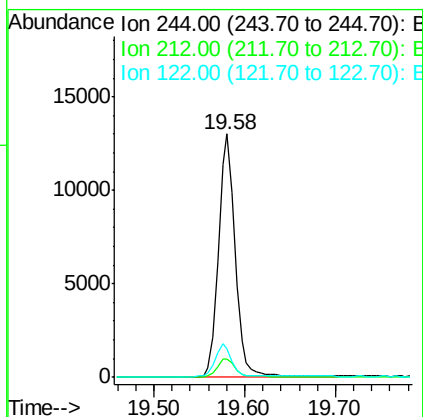
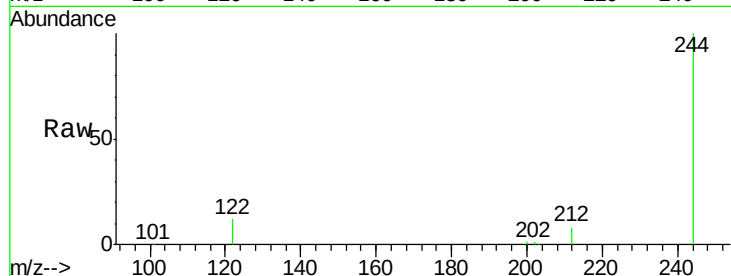




#27
 Terphenyl-d14
 Concen: 0.90 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

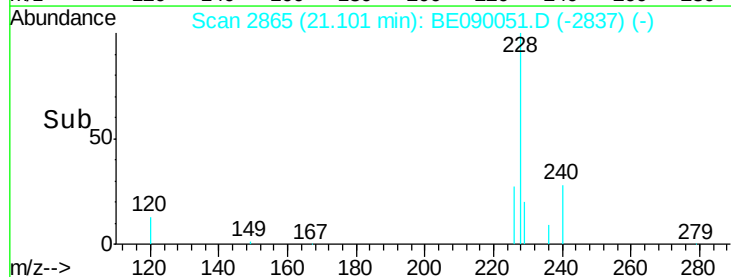
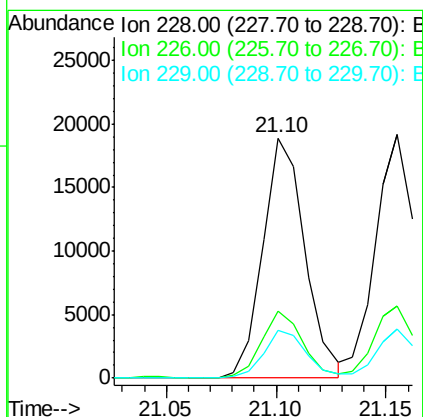
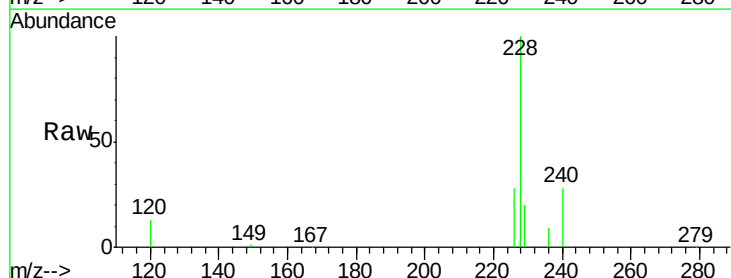
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

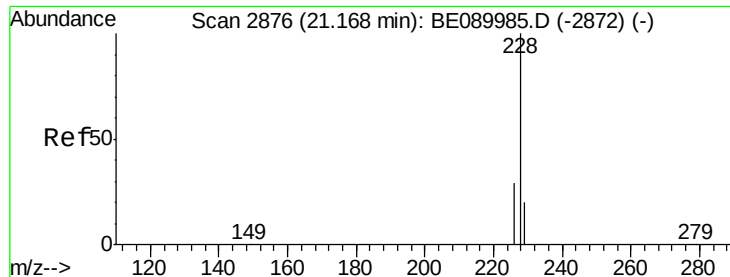
Tgt Ion: 244 Resp: 16468
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 11.6 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 0.91 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090051.D
 Acq: 2 Jul 2015 13:01

Tgt Ion: 228 Resp: 25007
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.8 32.6
 229 19.7 15.8 23.6





#29

Chrysene

Concen: 0.90 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

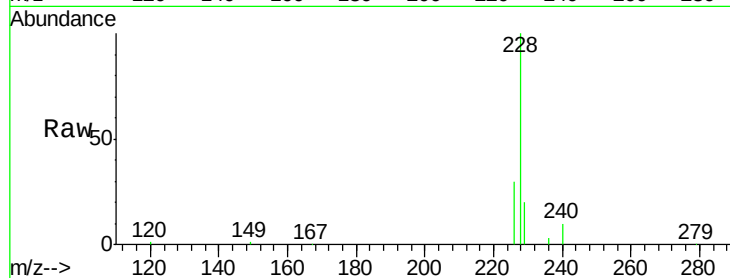
Tgt Ion:228 Resp: 25706

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

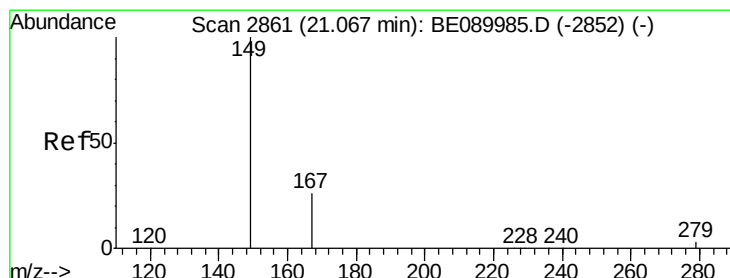
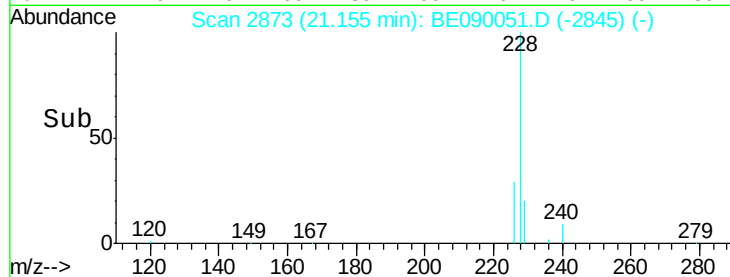
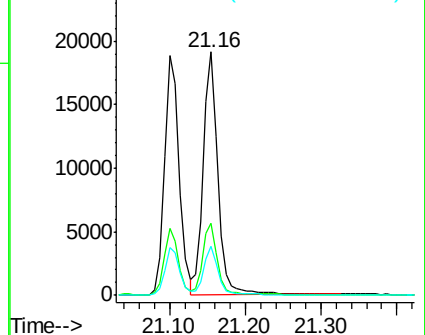
229 20.1 16.2 24.2



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: 0.76 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

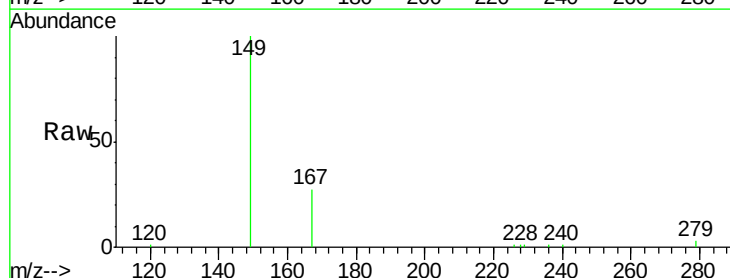
Tgt Ion:149 Resp: 6171

Ion Ratio Lower Upper

149 100

167 25.4 20.3 30.5

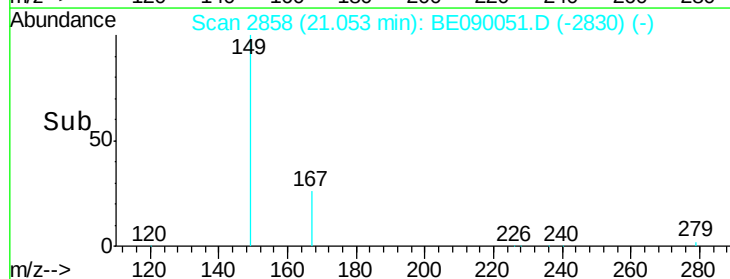
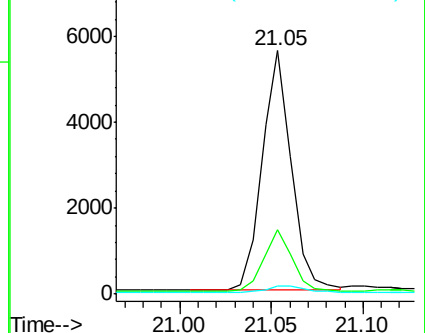
279 2.9 2.6 3.8

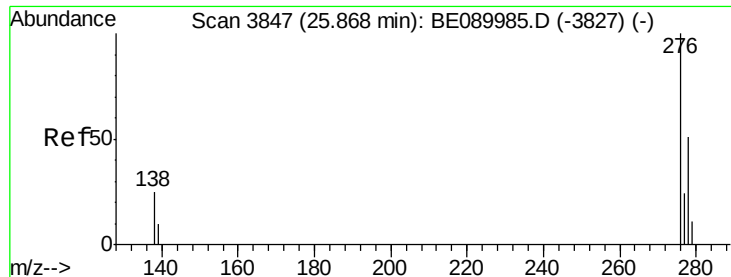


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.94 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

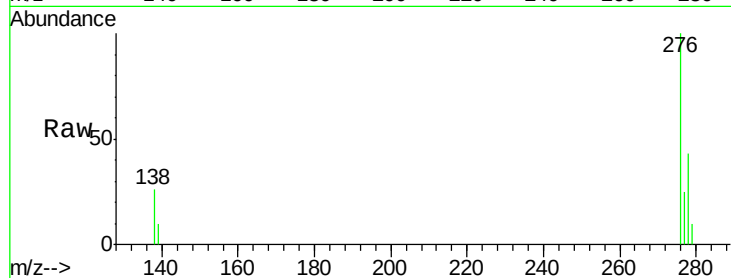
Tgt Ion:276 Resp: 25708

Ion Ratio Lower Upper

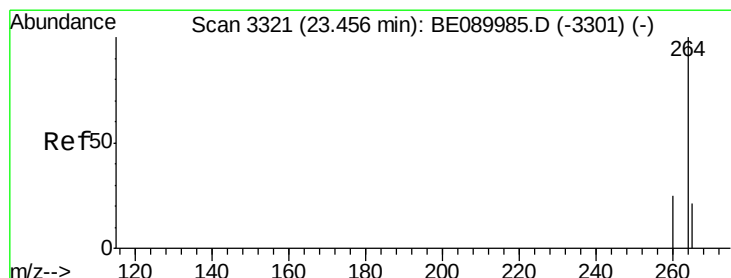
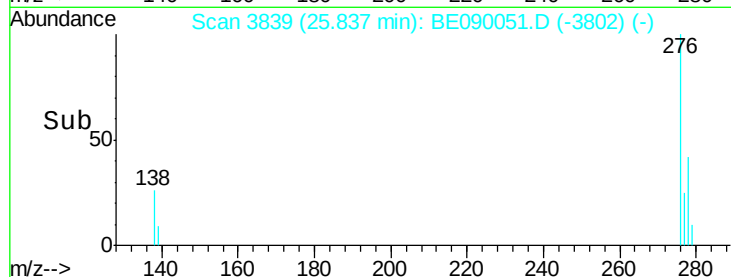
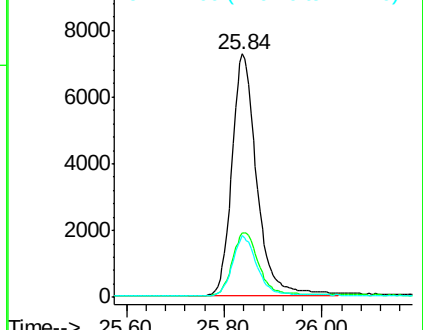
276 100

138 27.4 21.3 31.9

277 24.7 19.7 29.5



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: 23.44 min Scan# 3316

Delta R.T. -0.02 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

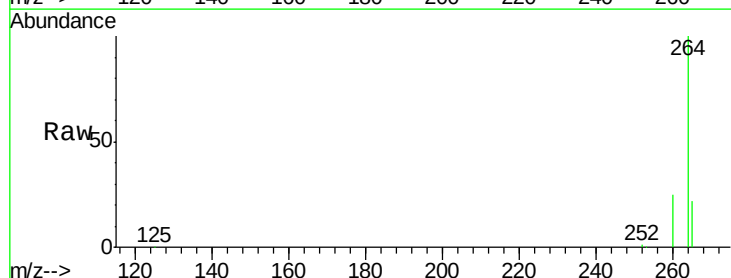
Tgt Ion:264 Resp: 101514

Ion Ratio Lower Upper

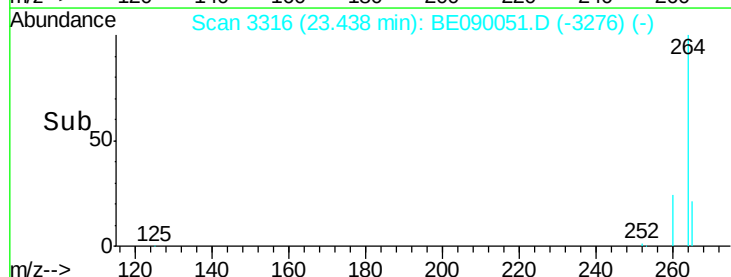
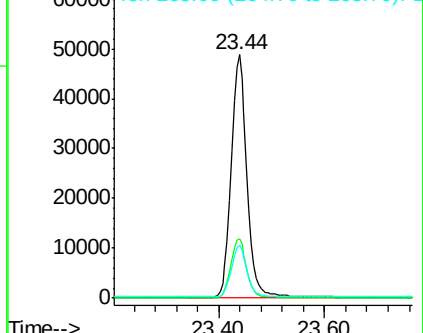
264 100

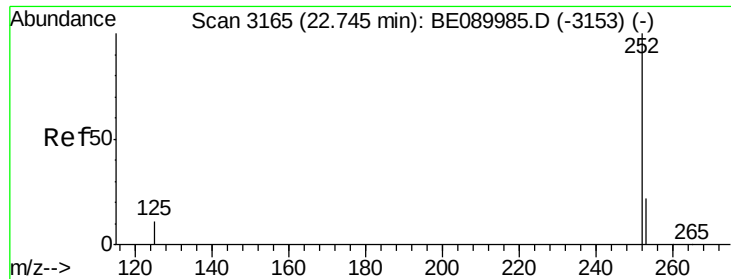
260 24.5 20.2 30.2

265 21.9 17.1 25.7



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: 22.73 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

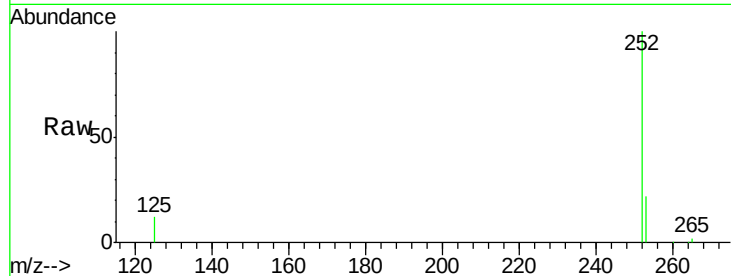
Tgt Ion:252 Resp: 22511

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

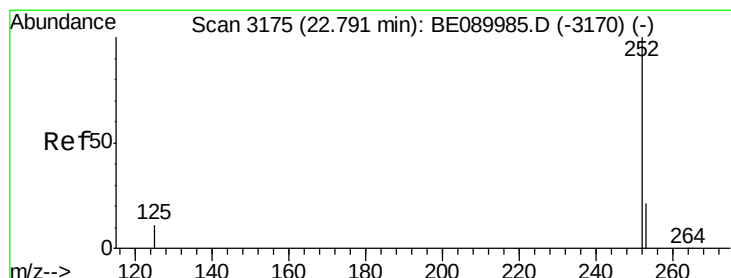
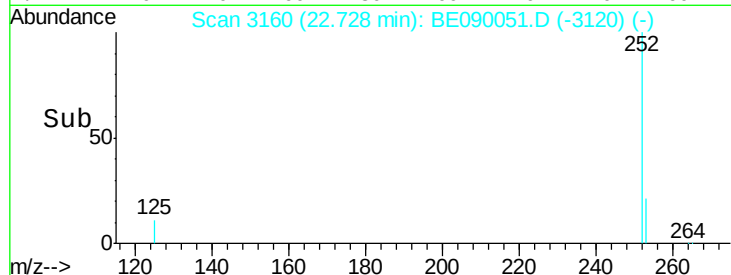
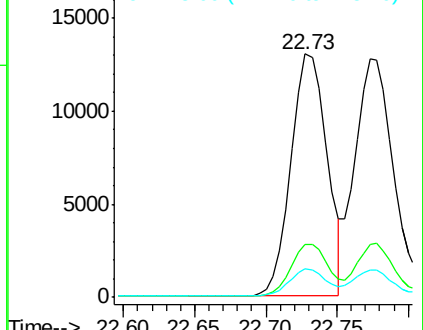
125 11.6 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 1.01 ng

RT: 22.77 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

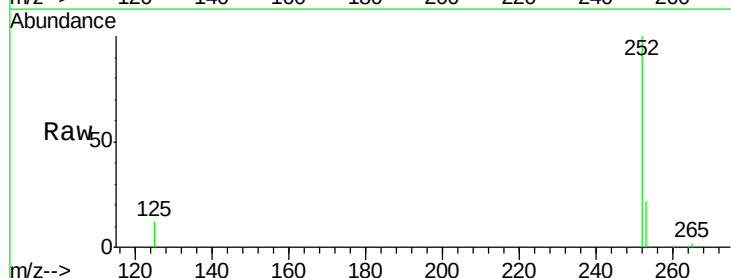
Tgt Ion:252 Resp: 25381

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

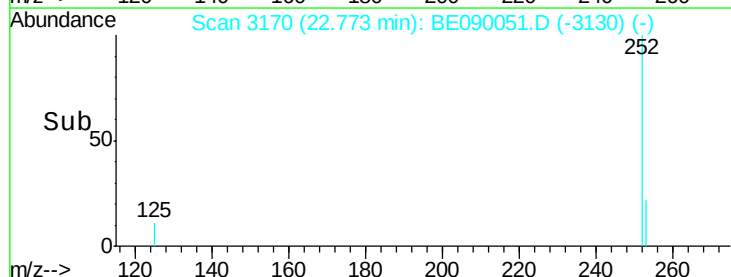
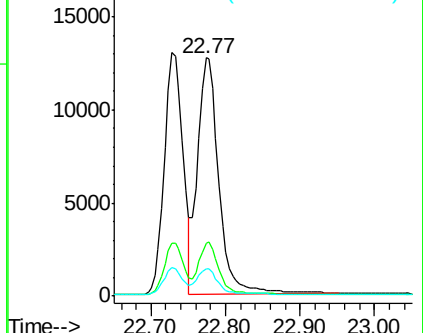
125 11.7 9.5 14.3

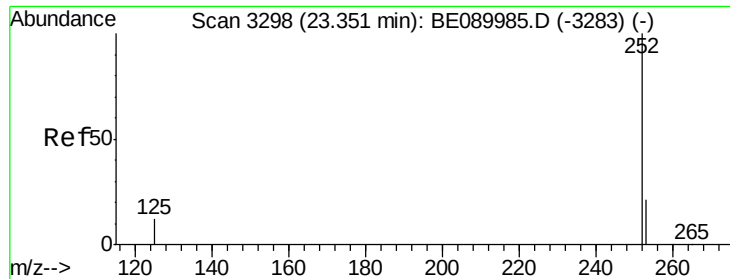


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.00 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

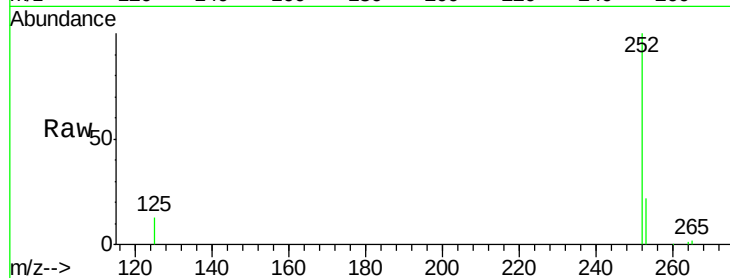
Tgt Ion: 252 Resp: 20760

Ion Ratio Lower Upper

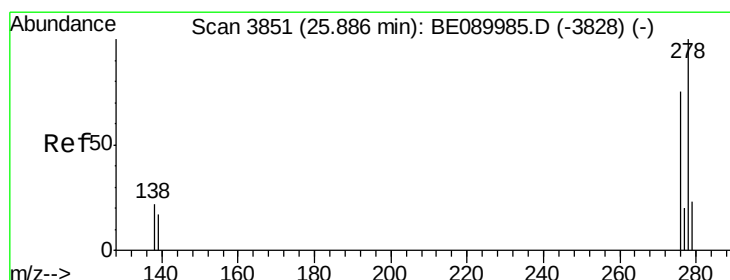
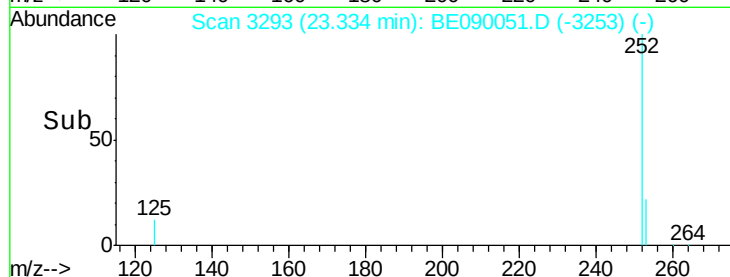
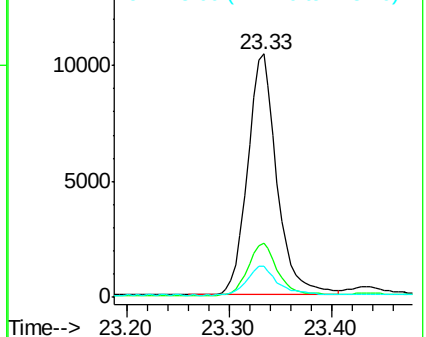
252 100

253 22.3 17.4 26.2

125 12.8 10.5 15.7



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



#36

Dibenzo(a,h)anthracene

Concen: 0.96 ng

RT: 25.86 min Scan# 3844

Delta R.T. -0.03 min

Lab File: BE090051.D

Acq: 2 Jul 2015 13:01

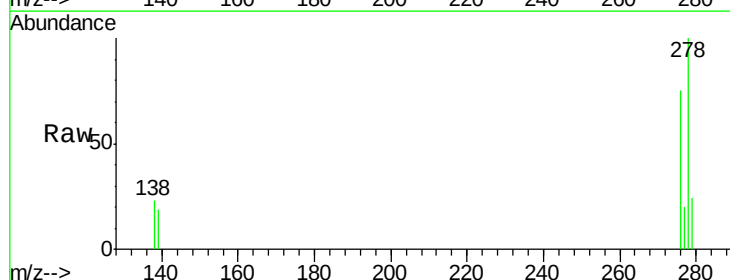
Tgt Ion: 278 Resp: 20359

Ion Ratio Lower Upper

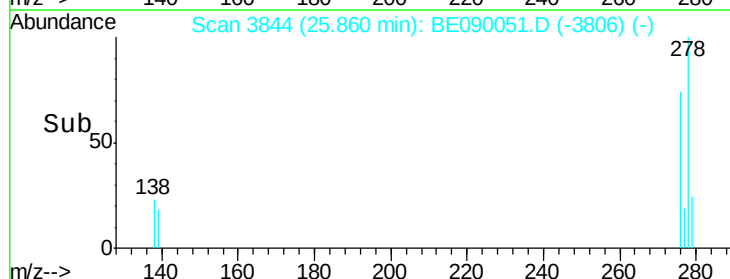
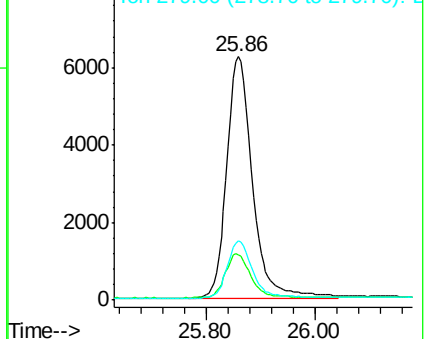
278 100

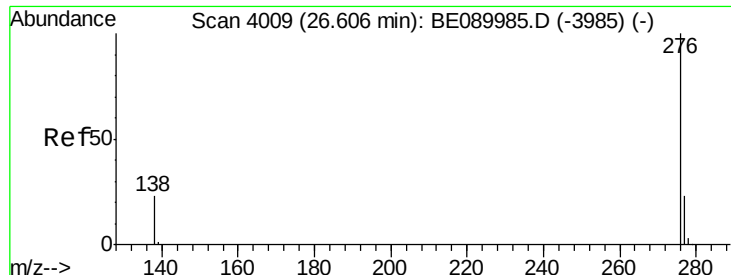
139 18.6 14.4 21.6

279 24.2 19.0 28.6



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: 0.96 ng

RT: 26.57 min Scan# 4000

Delta R.T. -0.04 min

Lab File: BE090051.D

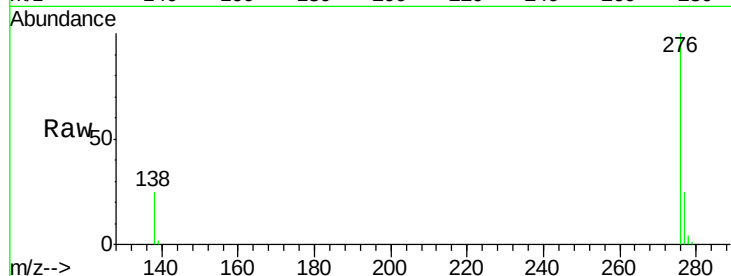
Acq: 2 Jul 2015 13:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



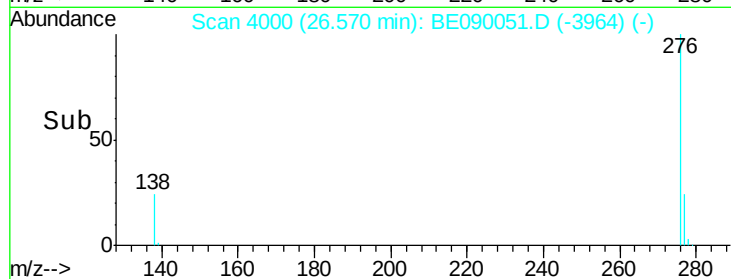
Tgt Ion: 276 Resp: 20699

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 24.8 18.6 27.8



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

