

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100815\
 Data File : BE090998.D
 Acq On : 8 Oct 2015 11:57
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Oct 09 01:36:46 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 17:11:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57559	5.00	ng	0.00
7) Naphthalene-d8	9.63	136	269066	5.00	ng	0.00
13) Acenaphthene-d10	13.45	164	152830	5.00	ng	0.00
19) Phenanthrene-d10	16.17	188	377386	5.00	ng	-0.01
26) Chrysene-d12	20.33	240	480648	5.00	ng	0.00
35) Perylene-d12	22.24	264	508678	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	4.98	112	13082	1.18	ng	-0.02
5) Phenol-d6	6.60	99	16929	1.15	ng	-0.02
8) Nitrobenzene-d5	8.22	82	19924	1.26	ng	-0.02
14) 2,4,6-Tribromophenol	14.99	330	4933	1.08	ng	0.00
15) 2-Fluorobiphenyl	12.08	172	40437	0.98	ng	-0.01
29) Terphenyl-d14	18.73	244	60069	1.04	ng	0.00

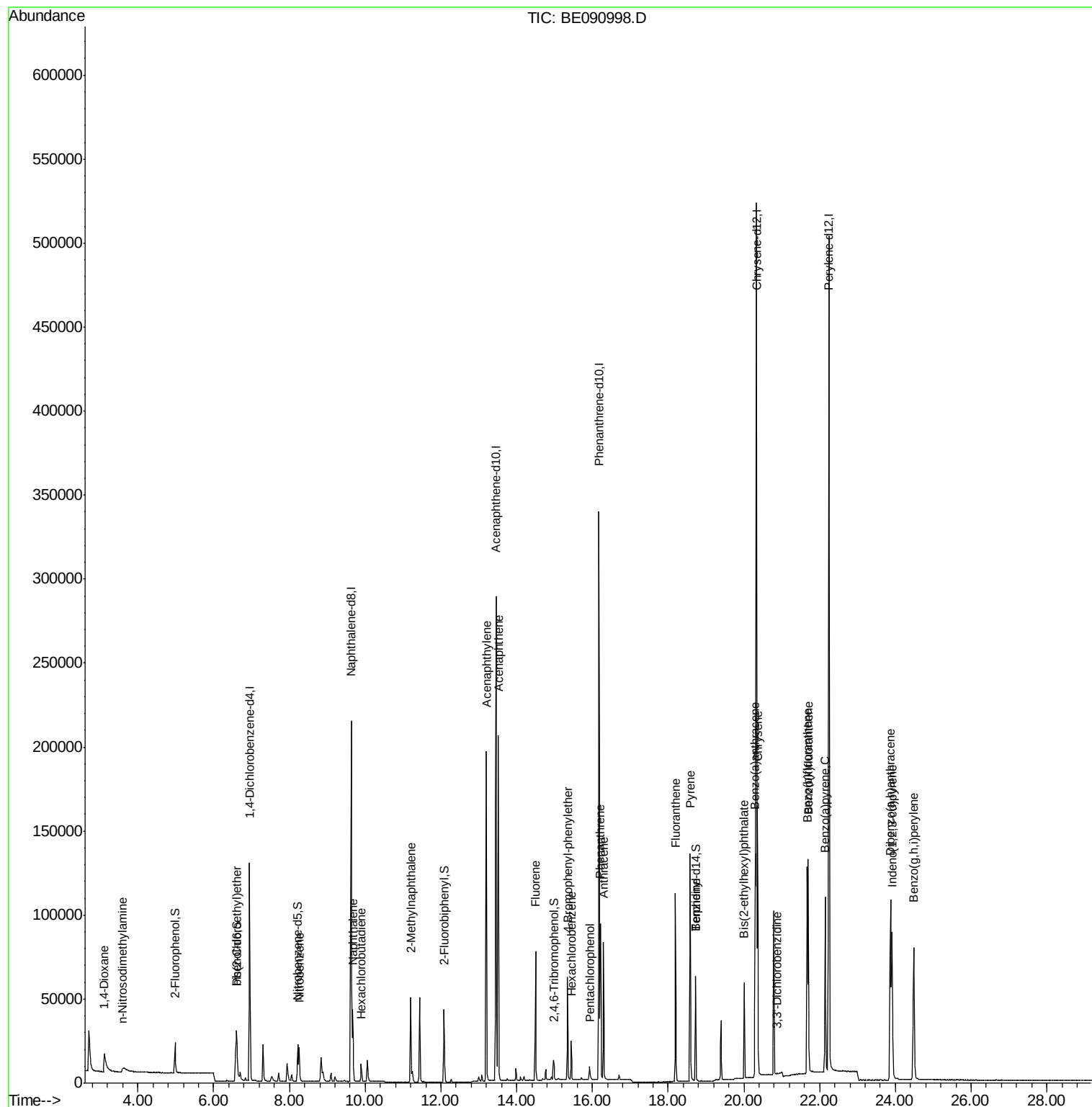
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	21101	2.74	ng	89
3) n-Nitrosodimethylamine	3.60	42	7823	0.83	ng	# 87
6) bis(2-Chloroethyl)ether	6.61	93	30702	1.98	ng	# 28
9) Nitrobenzene	8.25	77	23155	1.36	ng	97
10) Naphthalene	9.67	128	55260	1.00	ng	99
11) Hexachlorobutadiene	9.89	225	7983	0.84	ng	99
12) 2-Methylnaphthalene	11.20	142	36995	1.08	ng	98
16) Acenaphthylene	13.20	152	252531	0.99	ng	100
17) Acenaphthene	13.51	154	38709	0.95	ng	92
18) Fluorene	14.50	166	49611	0.98	ng	98
20) 4-Bromophenyl-phenylether	15.35	248	13725	0.96	ng	91
21) Hexachlorobenzene	15.44	284	14935	0.12	ng	99
22) Pentachlorophenol	15.93	266	5514	1.31	ng	90
23) Phenanthrene	16.21	178	87366	0.96	ng	99
24) Anthracene	16.29	178	82941	1.02	ng	99
25) Fluoranthene	18.19	202	103785	1.03	ng	99
27) Benzidine	18.73	184	1715	0.14	ng	99
28) Pyrene	18.58	202	109006	0.98	ng	99
30) Benzo(a)anthracene	20.30	228	115485	1.08	ng	97
31) 3,3'-Dichlorobenzidine	20.88	252	71	0.03	ng	# 30
32) Chrysene	20.36	228	119245	0.93	ng	100
33) Bis(2-ethylhexyl)phthalate	20.01	149	55345	1.49	ng	97
34) Indeno(1,2,3-cd)pyrene	23.91	276	124213	1.12	ng	# 92
36) Benzo(b)fluoranthene	21.67	252	126275	1.13	ng	97
37) Benzo(k)fluoranthene	21.70	252	117607	0.79	ng	97
38) Benzo(a)pyrene	22.14	252	113175	1.09	ng	97
39) Dibenzo(a,h)anthracene	23.87	278	123343	1.20	ng	99
40) Benzo(g,h,i)perylene	24.49	276	127012	1.14	ng	98

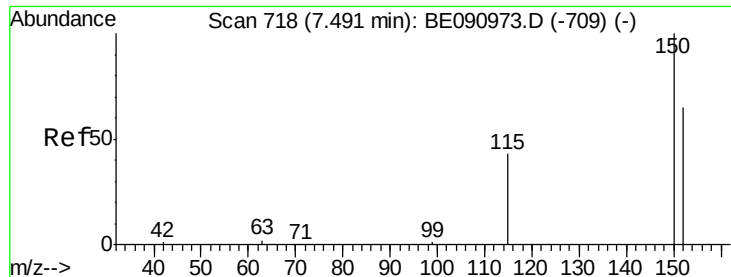
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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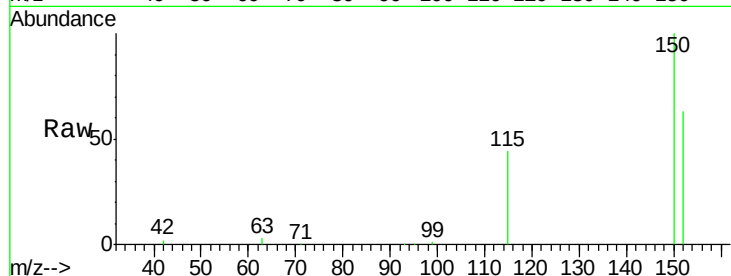


#1

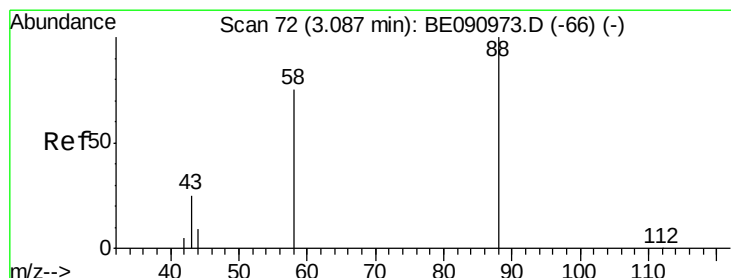
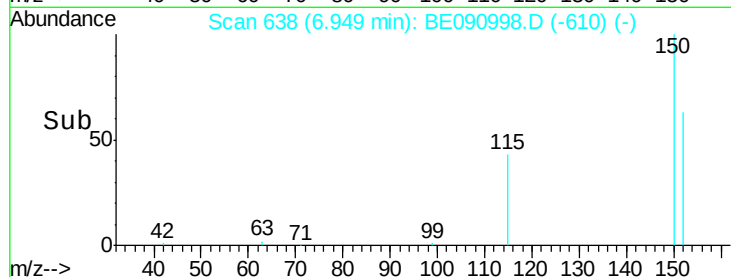
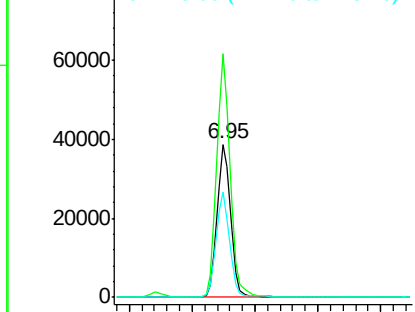
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:152 Resp: 57559
Ion Ratio Lower Upper
152 100
150 158.9 122.6 183.8
115 69.2 52.8 79.2



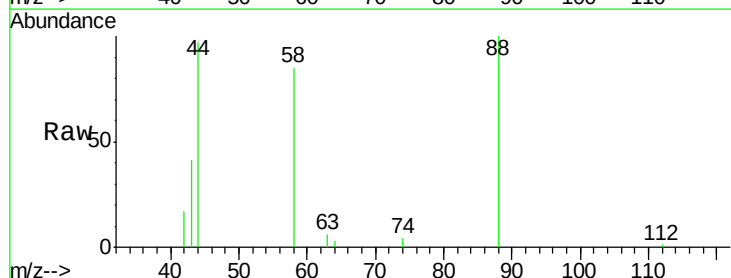
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



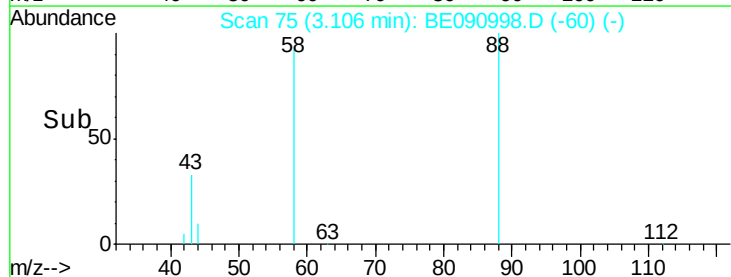
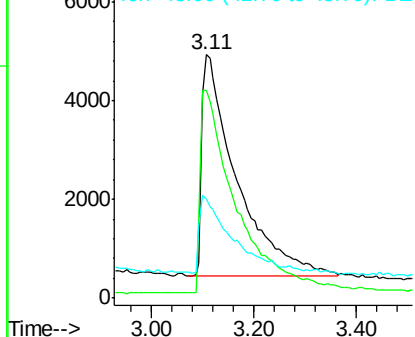
#2

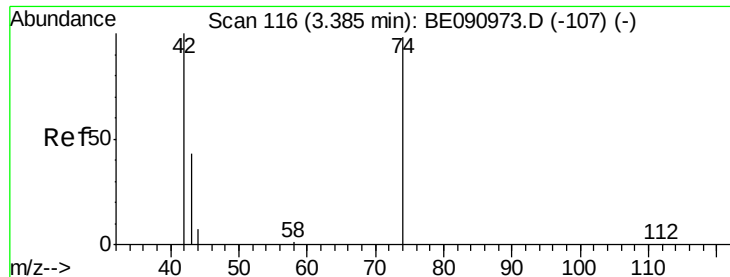
1,4-Dioxane
Concen: 2.74 ng
RT: 3.11 min Scan# 75
Delta R.T. -0.10 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion: 88 Resp: 21101
Ion Ratio Lower Upper
88 100
58 95.2 65.8 98.6
43 31.7 25.3 37.9



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



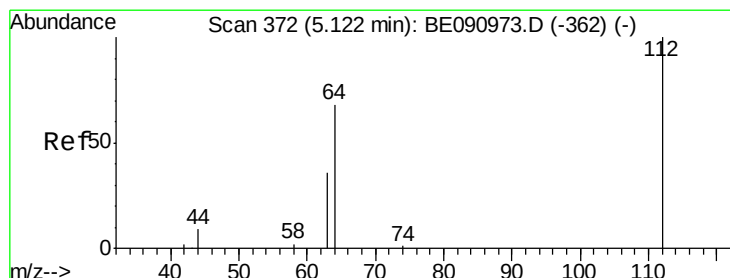
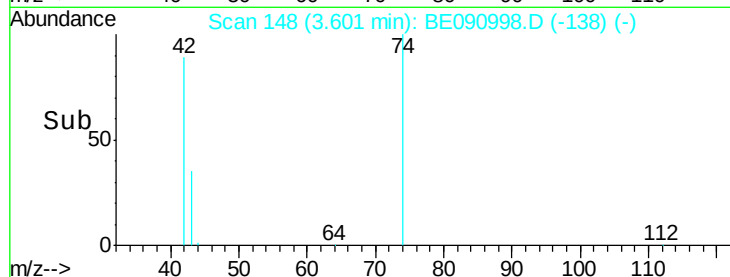
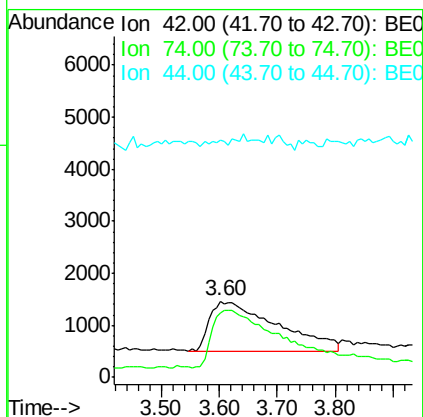
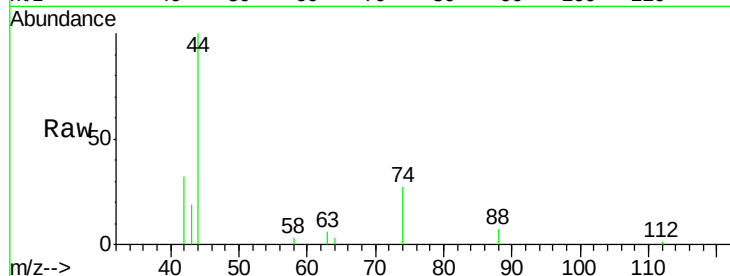


#3

n-Nitrosodimethylamine
 Concen: 0.83 ng
 RT: 3.60 min Scan# 148
 Delta R.T. -0.13 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

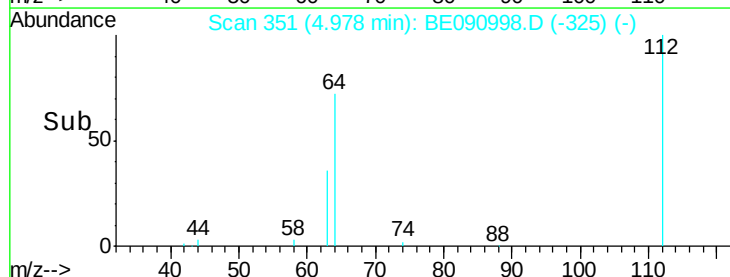
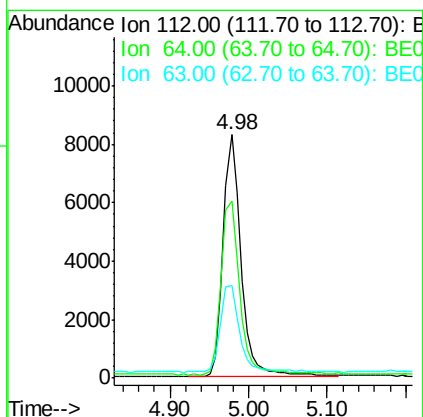
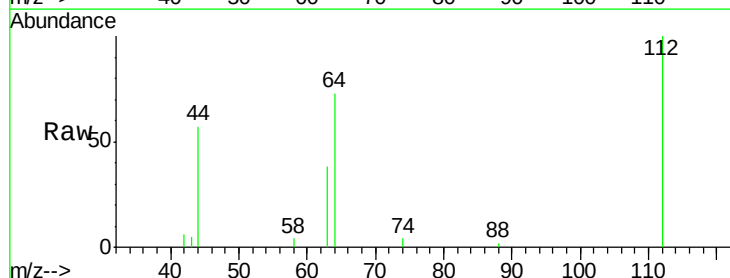
Tot Ion: 42 Resp: 7823
 Ion Ratio Lower Upper
 42 100
 74 123.0 87.9 131.9
 44 3.1 6.6 9.8#

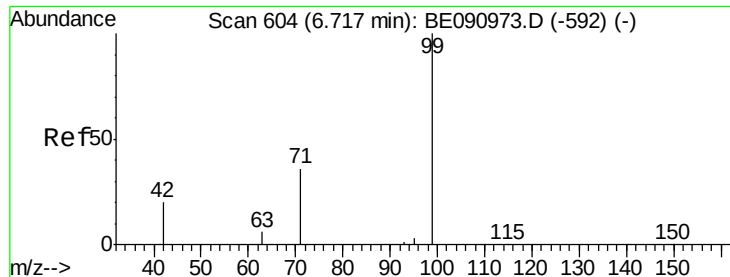


#4

2-Fluorophenol
 Concen: 1.18 ng
 RT: 4.98 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Tgt Ion: 112 Resp: 13082
 Ion Ratio Lower Upper
 112 100
 64 75.5 30.9 46.3#
 63 38.9 16.7 25.1#





#5

Phenol-d6

Concen: 1.15 ng

RT: 6.60 min Scan# 587

Delta R.T. -0.02 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

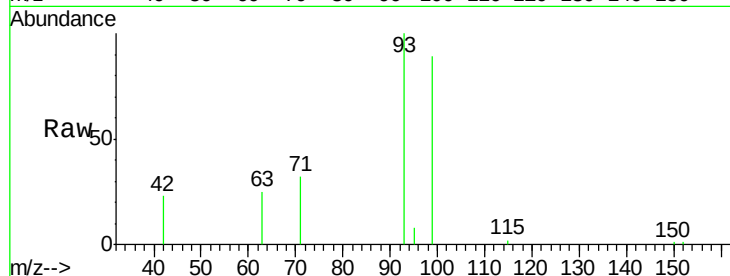
Tot Ion: 99 Resp: 16929

Ion Ratio Lower Upper

99 100

42 27.1 16.2 24.2#

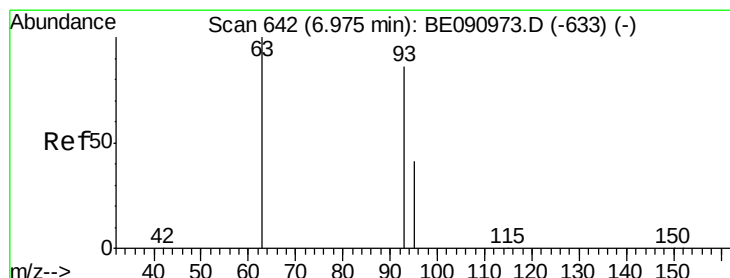
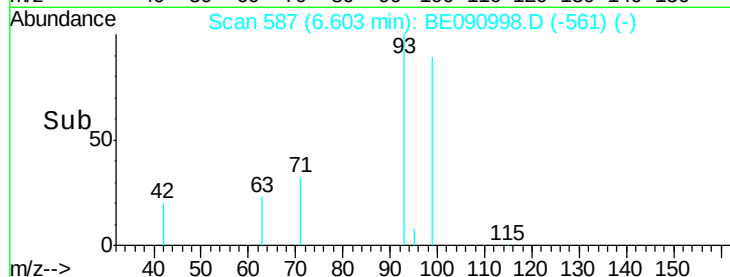
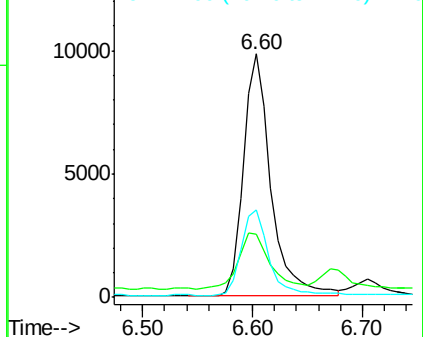
71 37.1 29.0 43.4



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

bis(2-Chloroethyl)ether

Concen: 1.98 ng

RT: 6.61 min Scan# 588

Delta R.T. -0.05 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

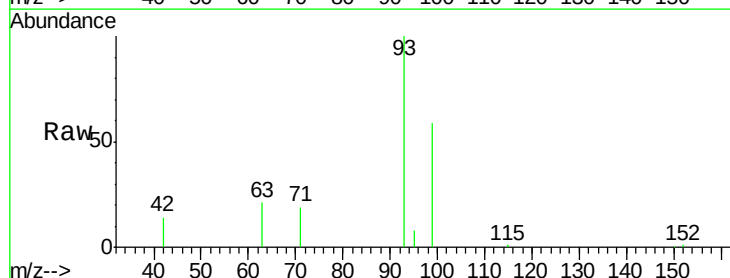
Tgt Ion: 93 Resp: 30702

Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

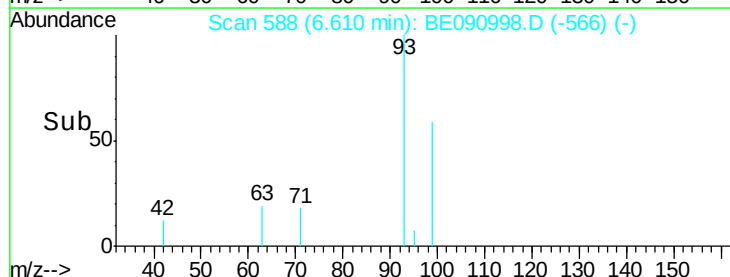
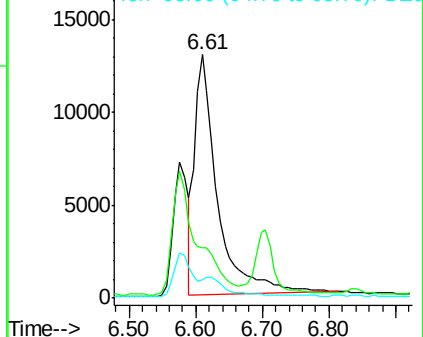
95 0.0 22.2 33.4#

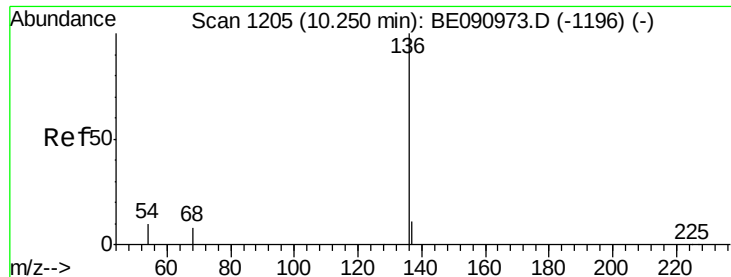


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.63 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 269066

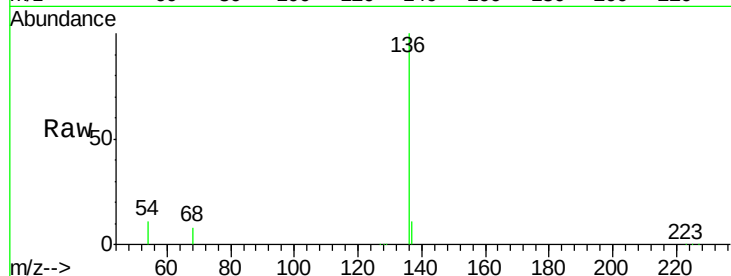
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.0 8.2 12.4

68 8.3 6.2 9.4

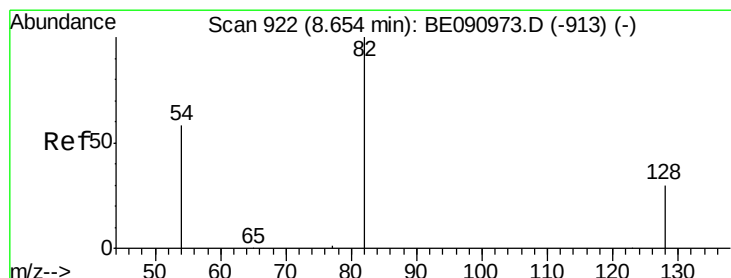
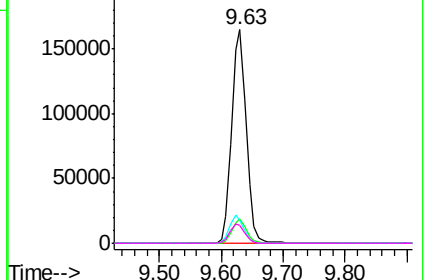
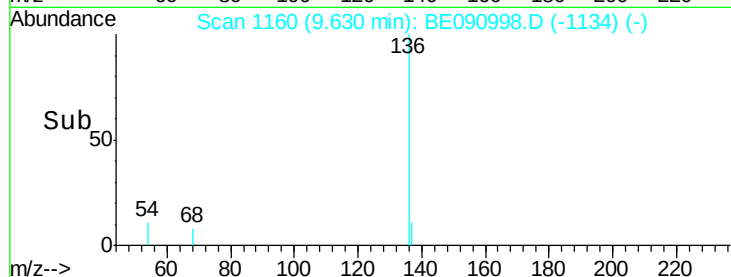


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 1.26 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

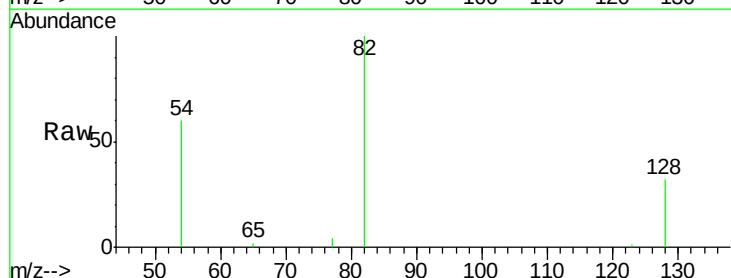
Tgt Ion: 82 Resp: 19924

Ion Ratio Lower Upper

82 100

128 32.0 25.4 38.0

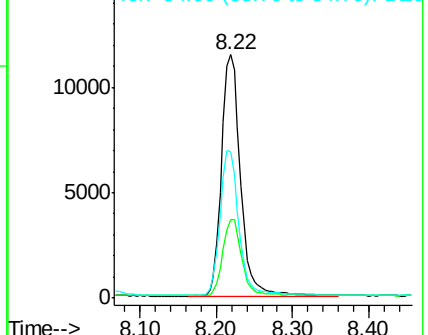
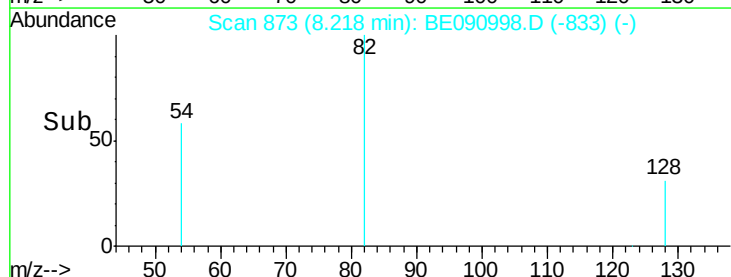
54 59.9 48.4 72.6

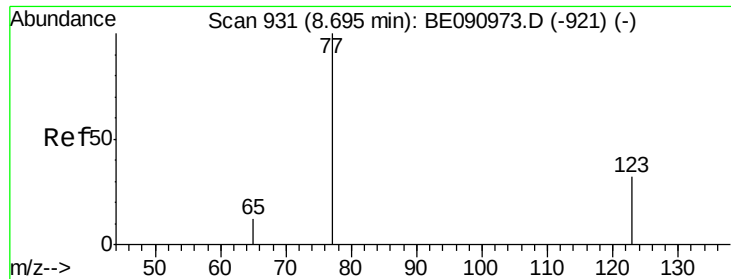


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.36 ng

RT: 8.25 min Scan# 881

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

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BNA_E

ClientSampleId :

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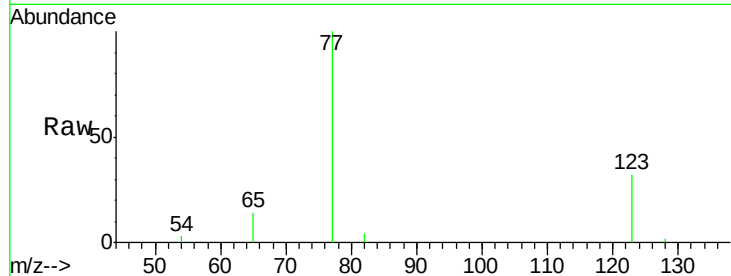
Tot Ion: 77 Resp: 23155

Ion Ratio Lower Upper

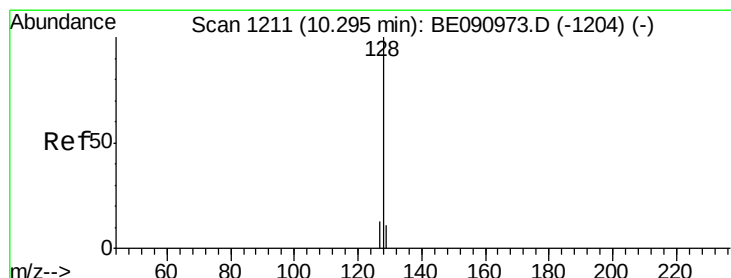
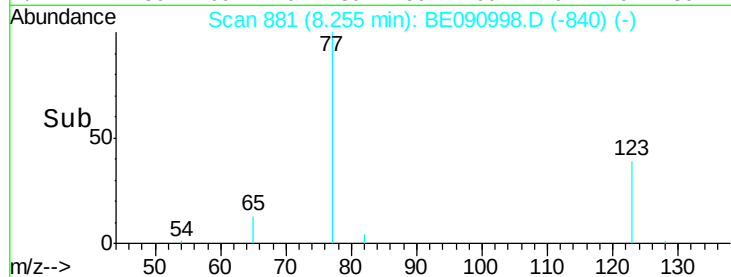
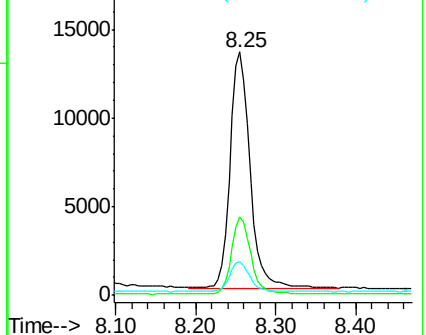
77 100

123 31.8 26.9 40.3

65 12.5 9.4 14.2



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



#10

Naphthalene

Concen: 1.00 ng

RT: 9.67 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

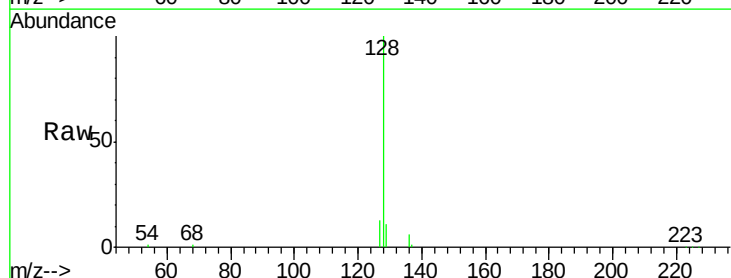
Tgt Ion: 128 Resp: 55260

Ion Ratio Lower Upper

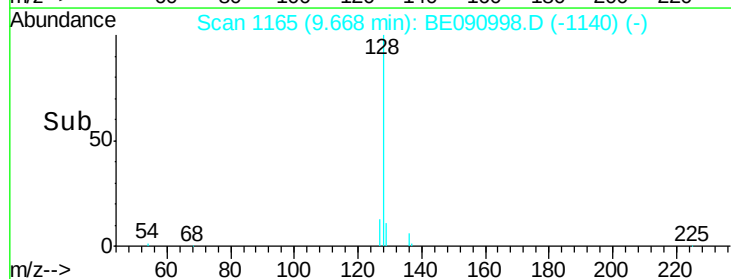
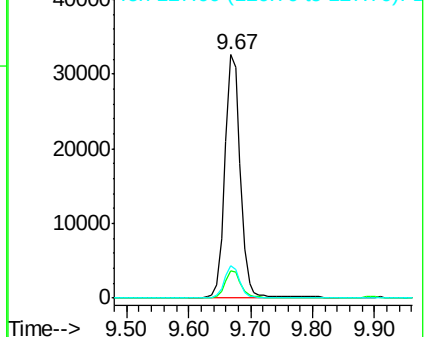
128 100

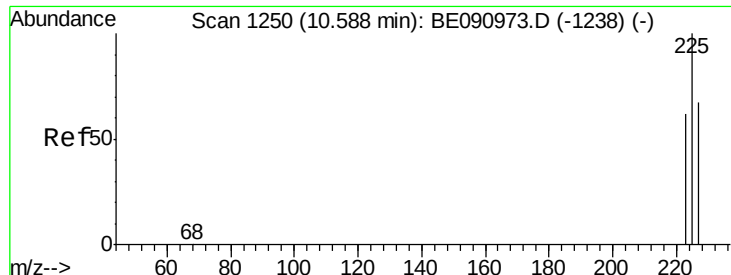
129 11.1 9.3 13.9

127 13.5 10.7 16.1



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

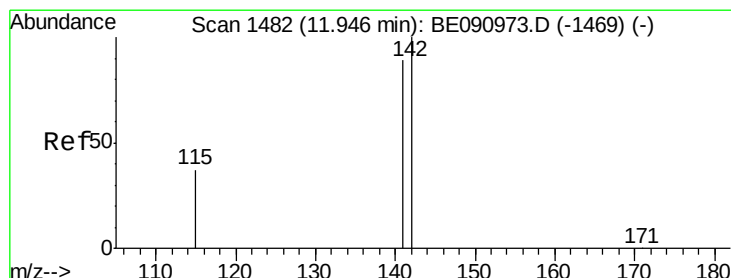
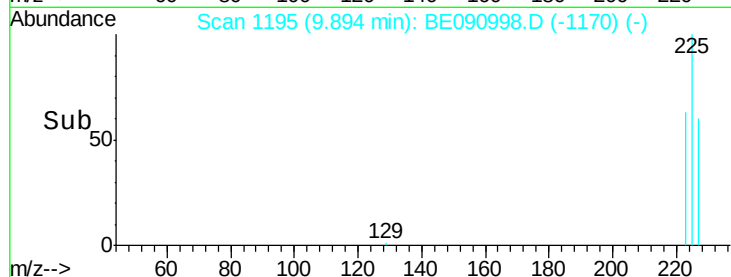
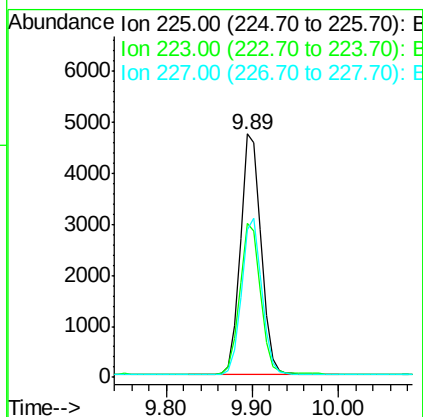
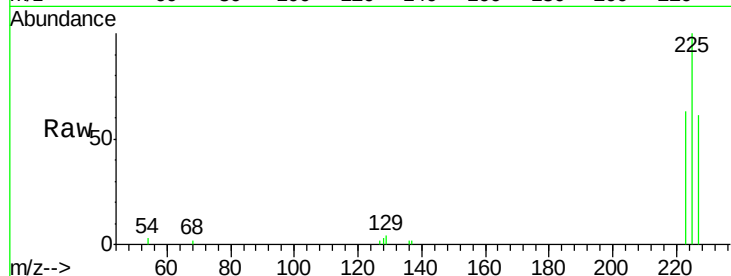




#11
Hexachlorobutadiene
Concen: 0.84 ng
RT: 9.89 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

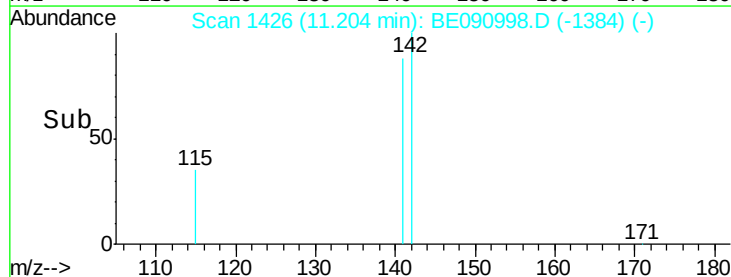
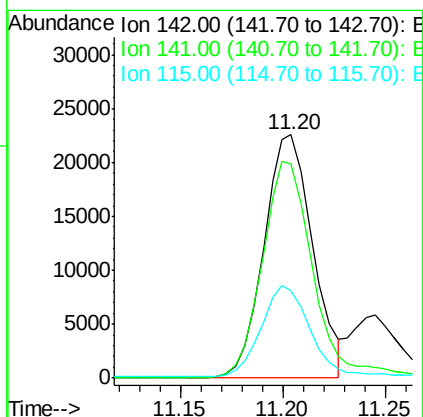
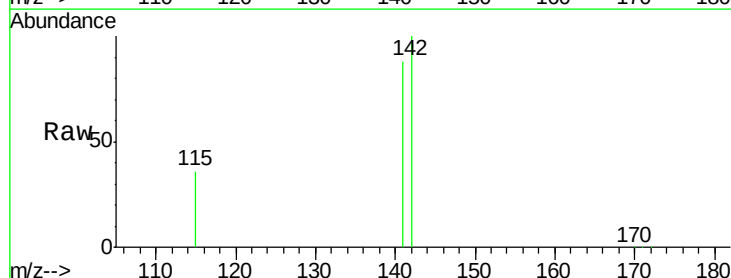
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

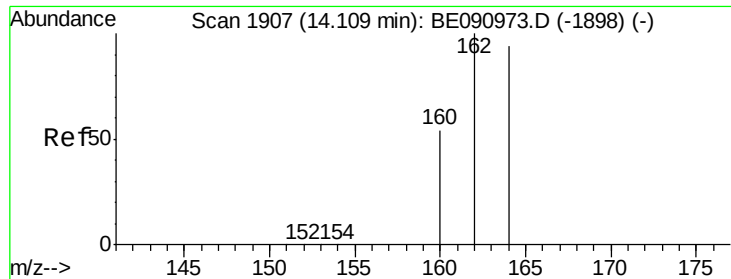
Tot Ion:225 Resp: 7983
Ion Ratio Lower Upper
225 100
223 62.9 49.0 73.6
227 63.3 50.3 75.5



#12
2-Methylnaphthalene
Concen: 1.08 ng
RT: 11.20 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion:142 Resp: 36995
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0
115 35.9 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.45 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

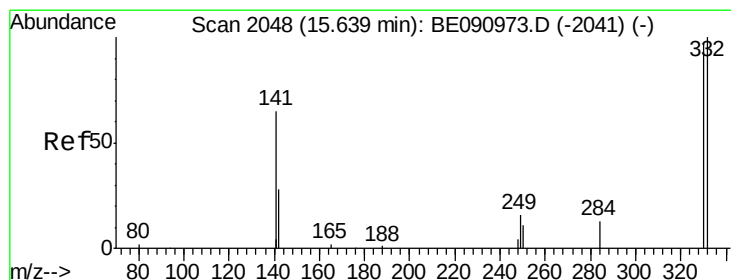
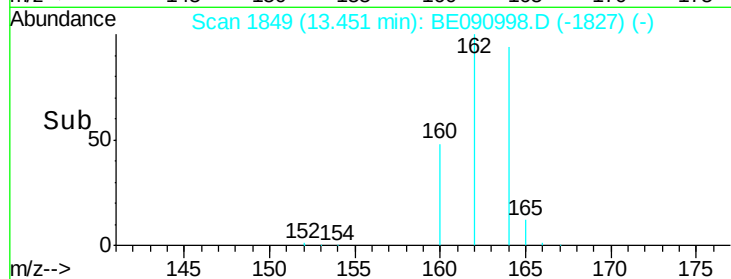
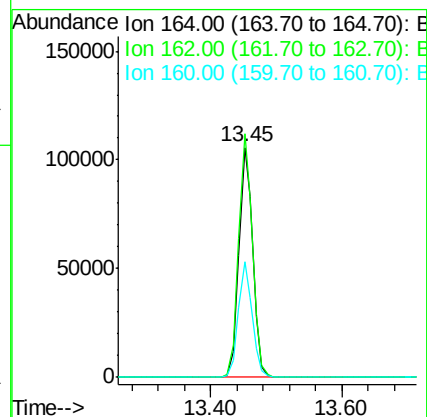
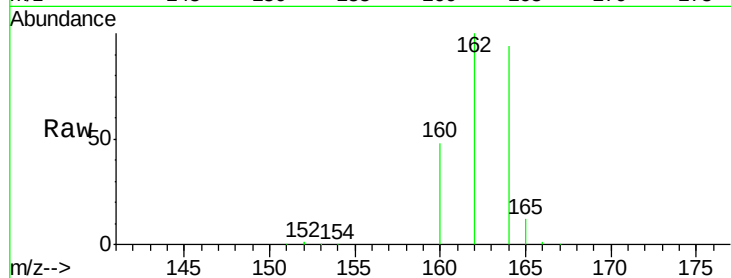
Tot Ion:164 Resp: 152830

Ion Ratio Lower Upper

164 100

162 106.1 85.3 127.9

160 50.5 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 1.08 ng

RT: 14.99 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

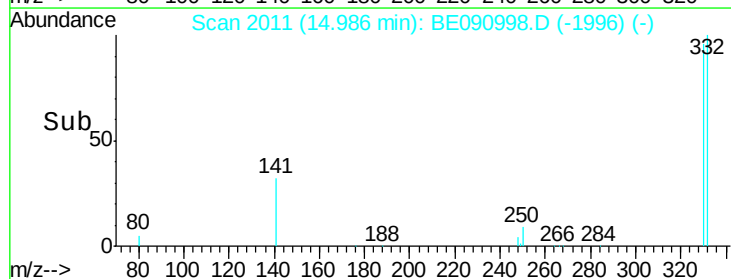
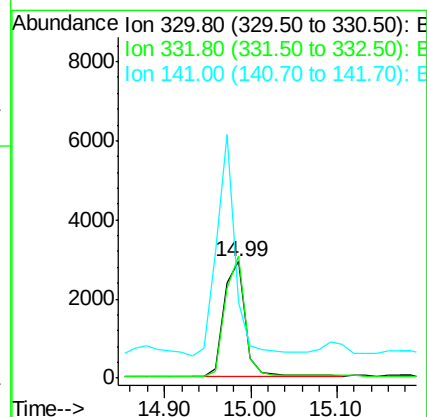
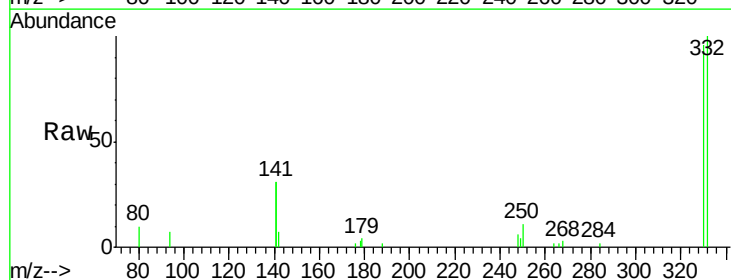
Tgt Ion:330 Resp: 4933

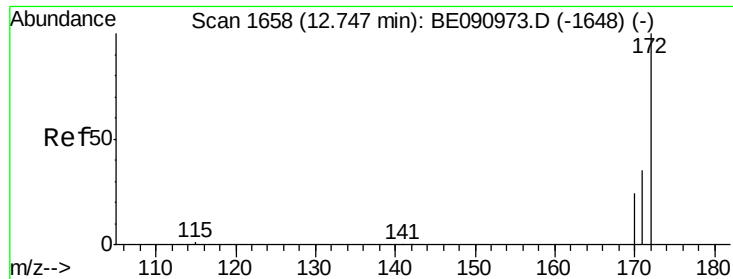
Ion Ratio Lower Upper

330 100

332 98.8 79.1 118.7

141 172.9 125.4 188.0

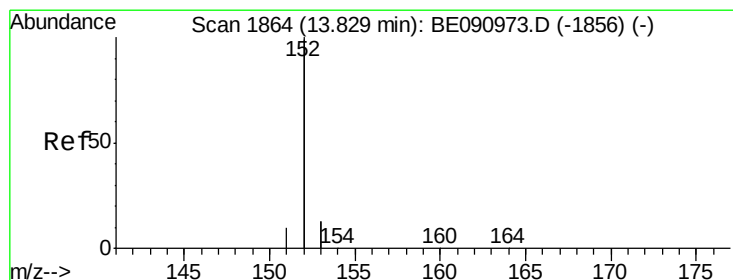
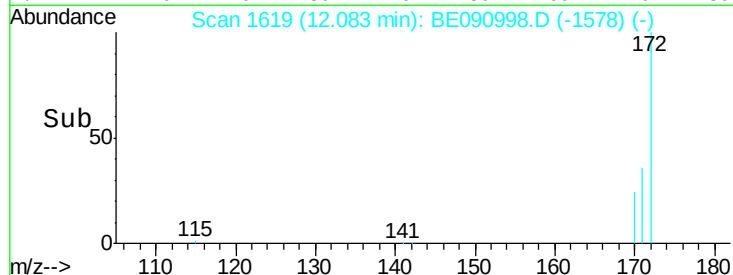
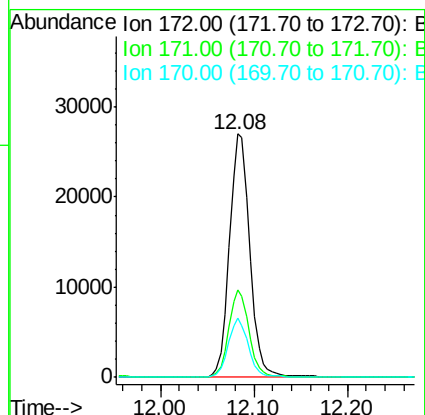
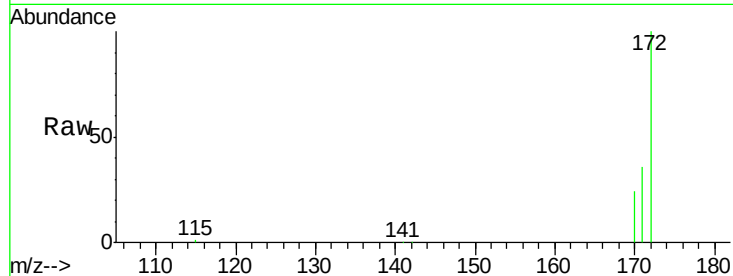




#15
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 12.08 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

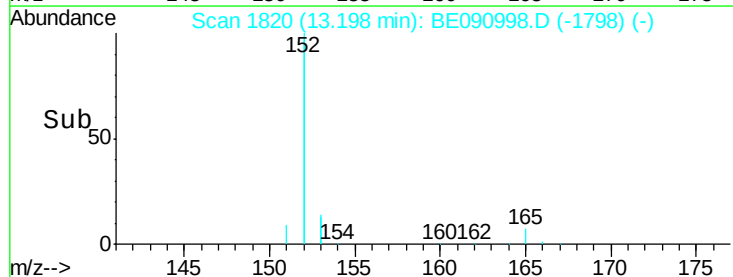
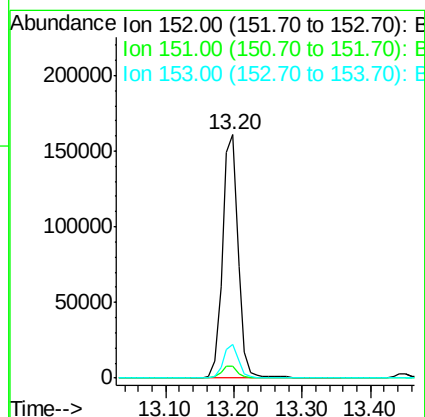
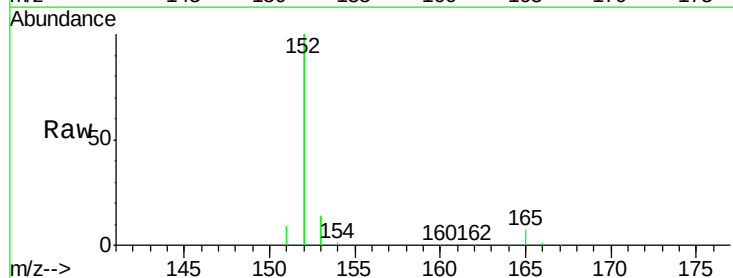
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

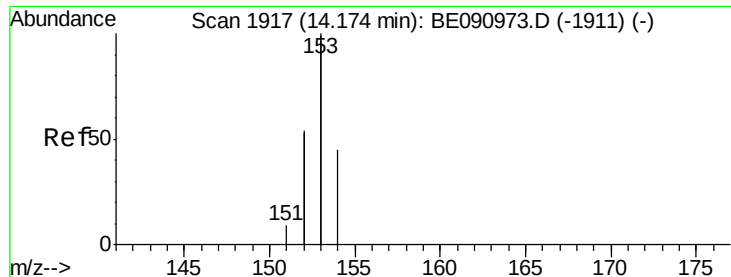
Tot Ion:172 Resp: 40437
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.3 28.9



#16
Acenaphthylene
Concen: 0.99 ng
RT: 13.20 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion:152 Resp: 252531
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.95 ng

RT: 13.51 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

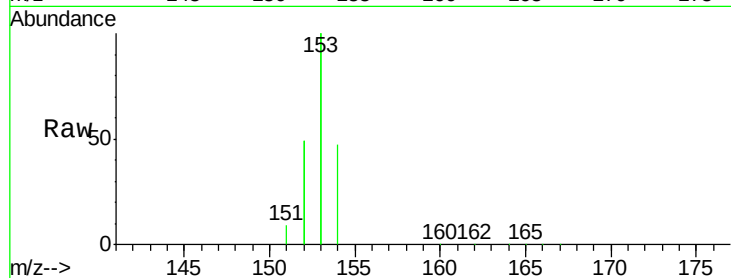
Tot Ion:154 Resp: 38709

Ion Ratio Lower Upper

154 100

153 434.1 352.0 528.0

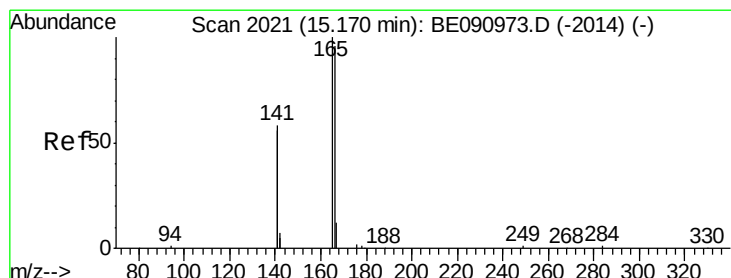
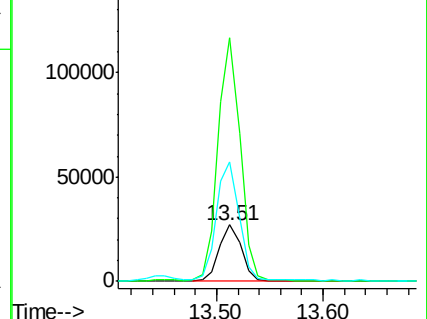
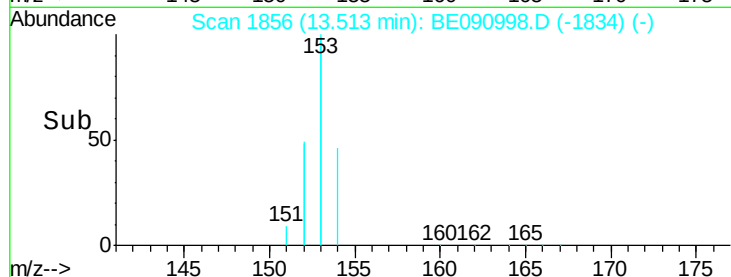
152 216.3 200.0 300.0



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



#18

Fluorene

Concen: 0.98 ng

RT: 14.50 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

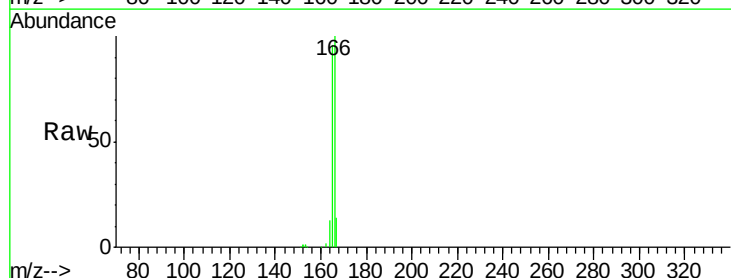
Tgt Ion:166 Resp: 49611

Ion Ratio Lower Upper

166 100

165 98.9 80.8 121.2

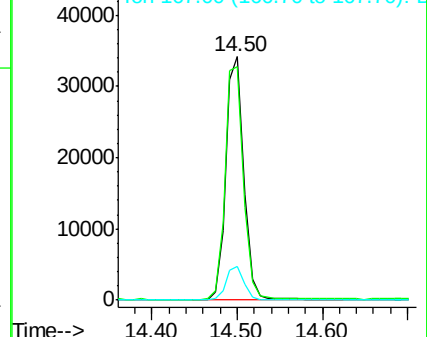
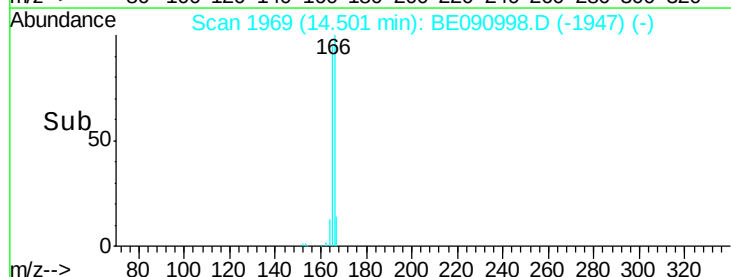
167 13.6 10.9 16.3

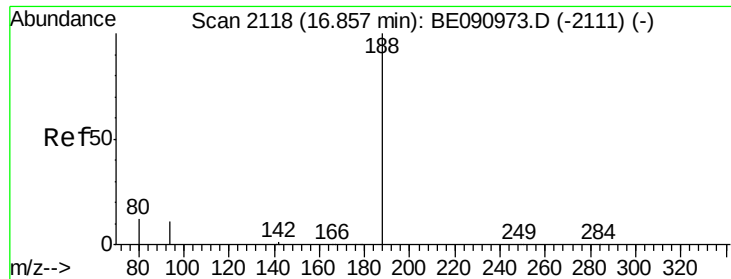


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

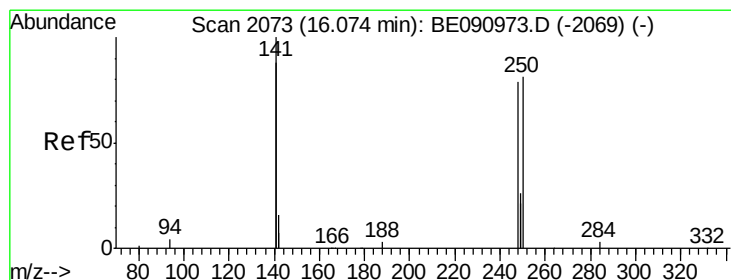
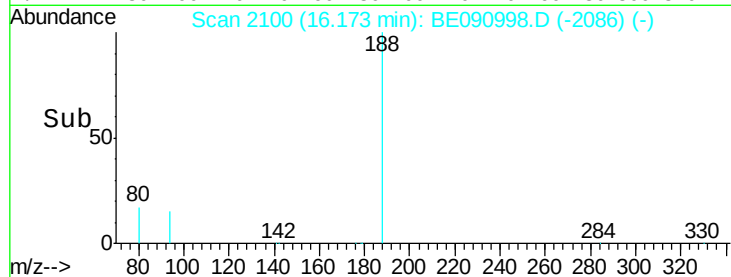
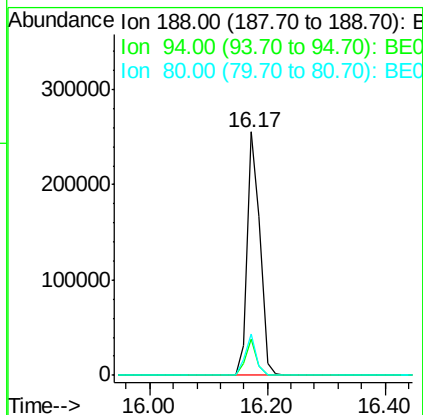
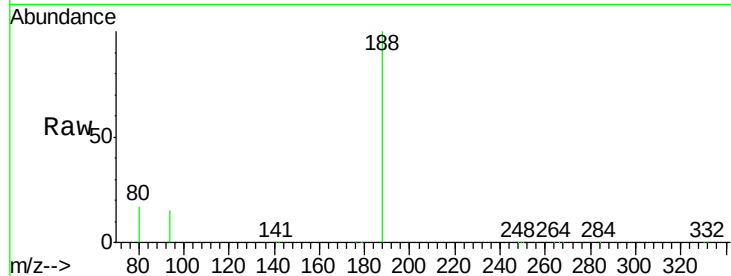




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.17 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

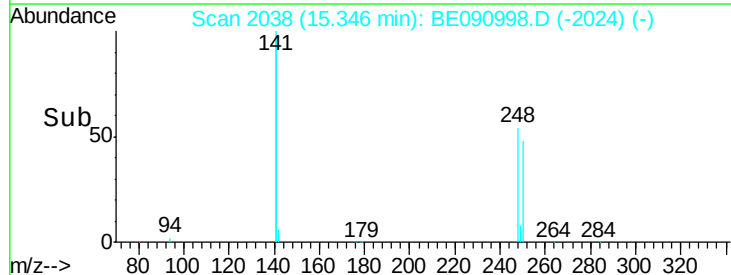
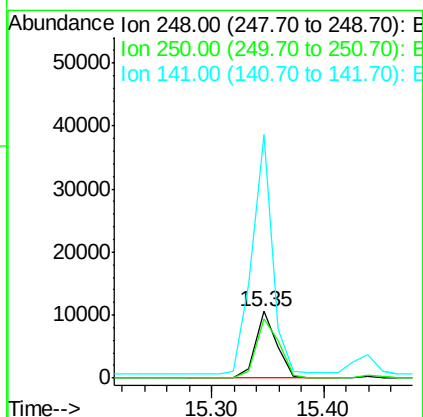
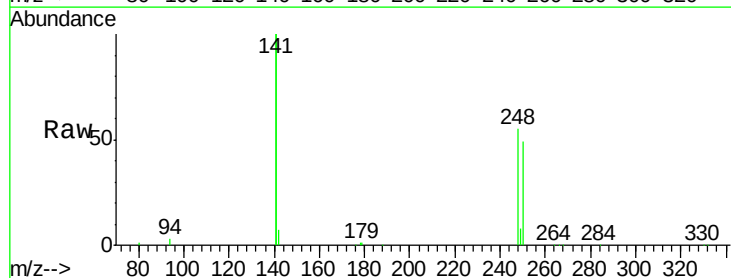
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

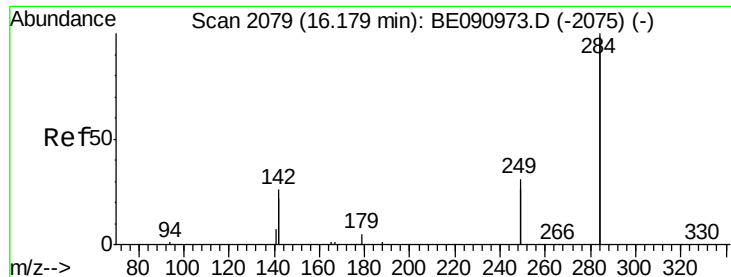
Tot Ion:188 Resp: 377386
Ion Ratio Lower Upper
188 100
94 14.9 8.7 13.1#
80 17.3 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.96 ng
RT: 15.35 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion:248 Resp: 13725
Ion Ratio Lower Upper
248 100
250 97.5 80.5 120.7
141 350.1 261.9 392.9





#21

Hexachlorobenzene

Concen: 0.12 ng

RT: 15.44 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

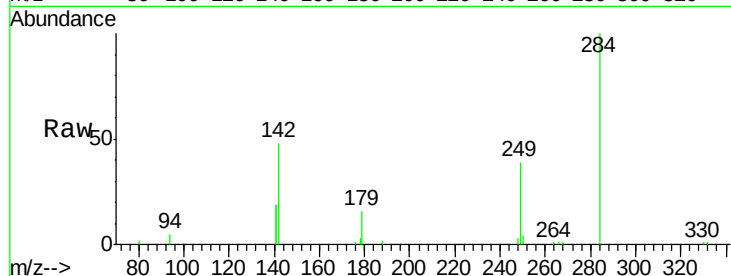
Tot Ion:284 Resp: 14935

Ion Ratio Lower Upper

284 100

142 40.1 32.2 48.2

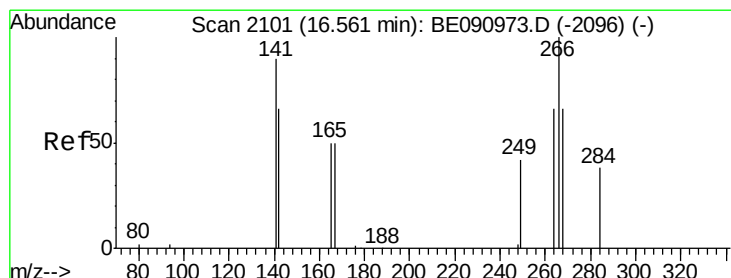
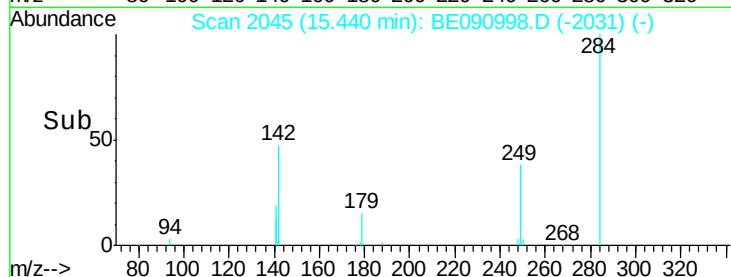
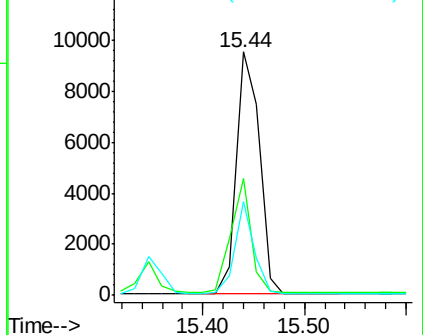
249 31.1 25.4 38.2



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



#22

Pentachlorophenol

Concen: 1.31 ng

RT: 15.93 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

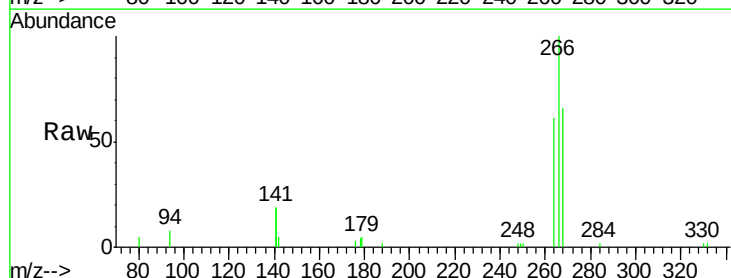
Tgt Ion:266 Resp: 5514

Ion Ratio Lower Upper

266 100

268 65.9 58.2 87.2

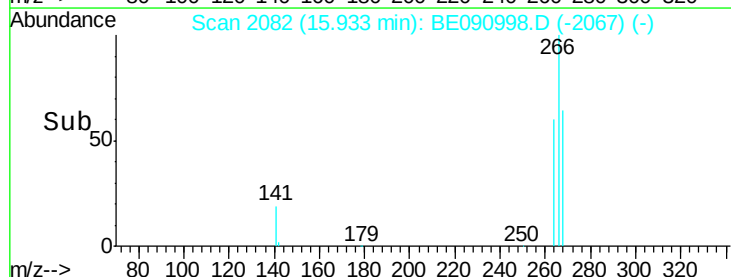
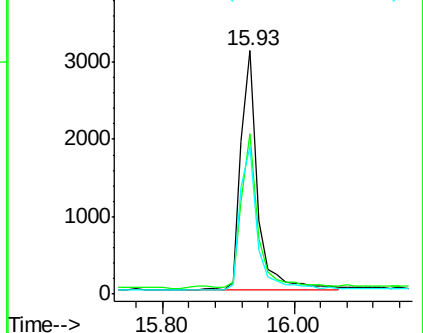
264 60.6 56.2 84.4

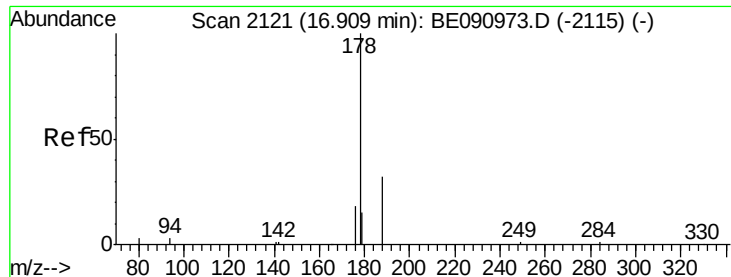


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

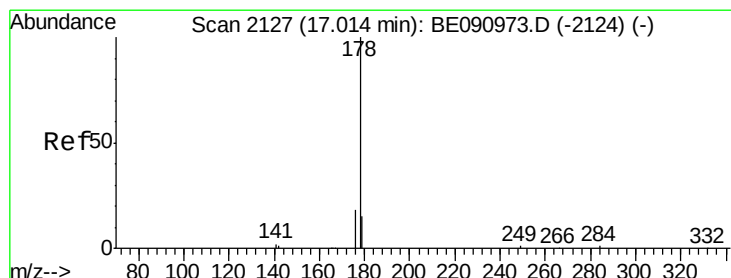
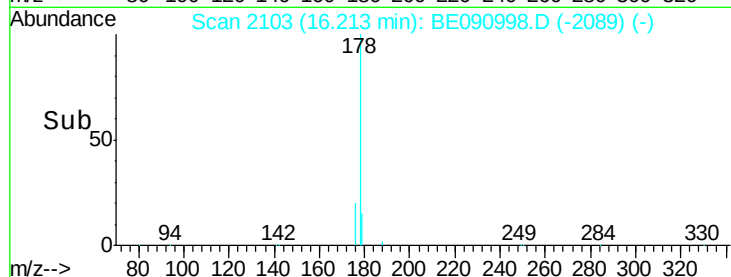
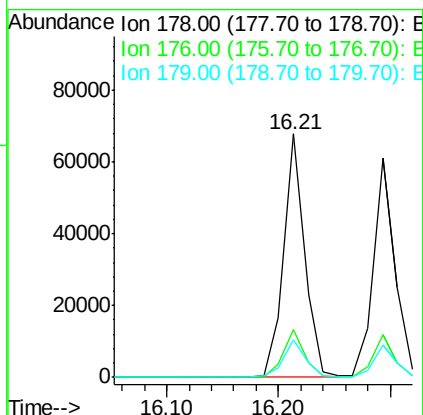
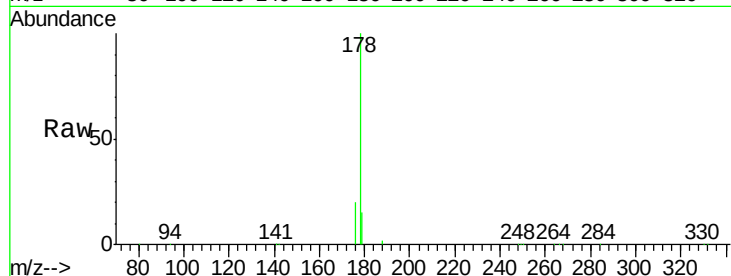




#23
Phenanthrene
Concen: 0.96 ng
RT: 16.21 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

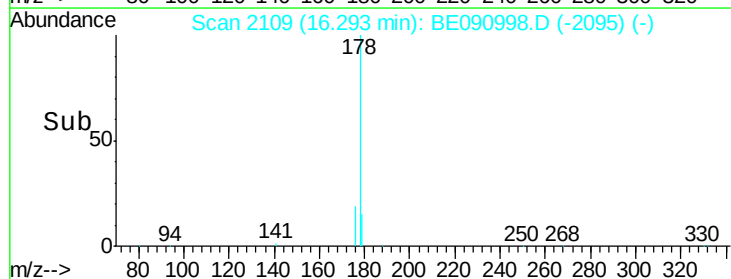
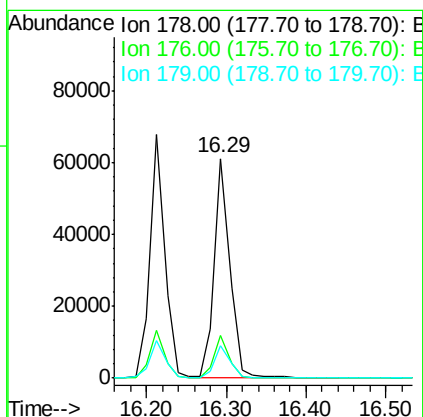
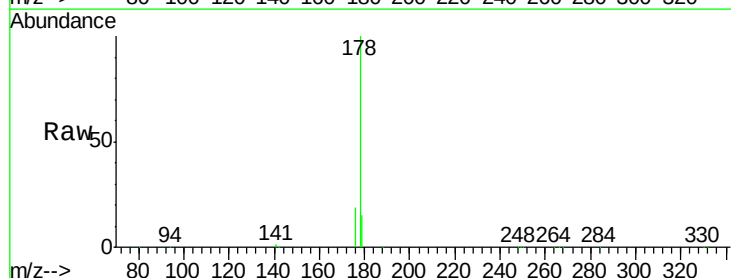
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

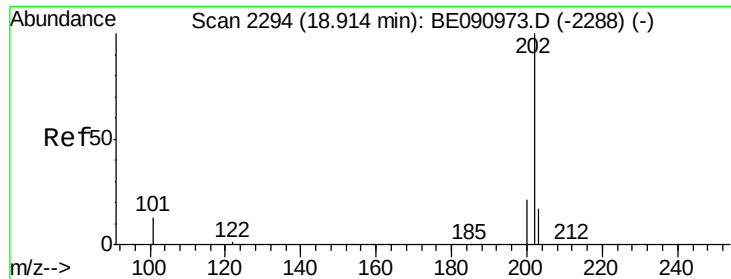
Tot Ion:178 Resp: 87366
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.6 18.8



#24
Anthracene
Concen: 1.02 ng
RT: 16.29 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion:178 Resp: 82941
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.0 11.8 17.6

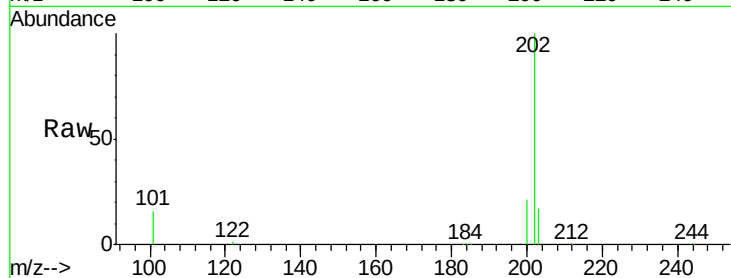




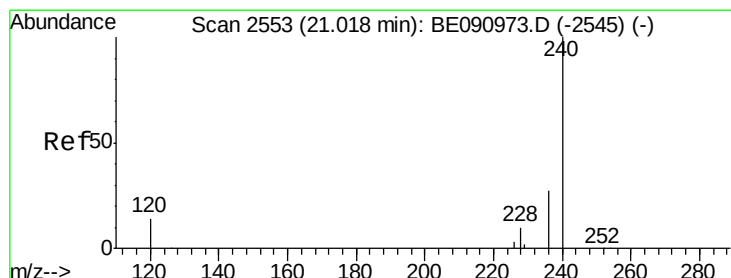
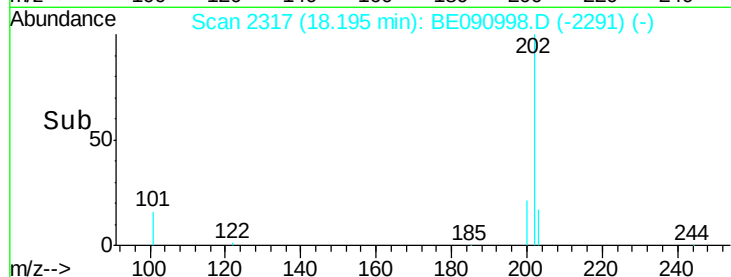
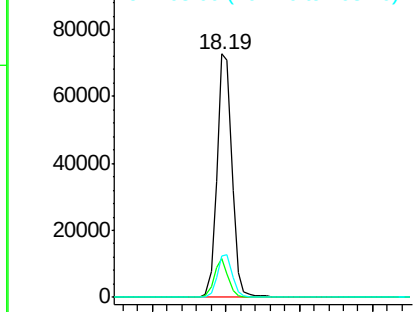
#25
 Fluoranthene
 Concen: 1.03 ng
 RT: 18.19 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.6
203	17.3	13.9	20.9

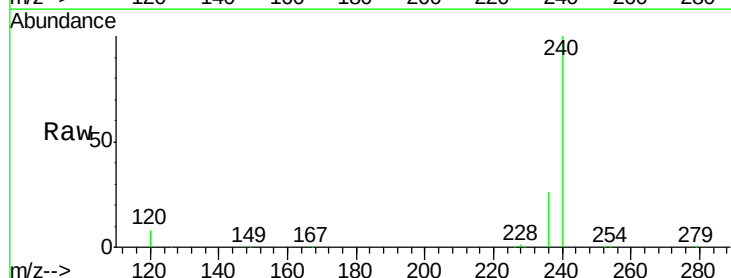


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

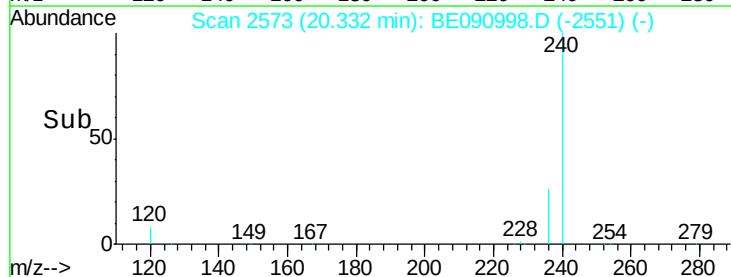
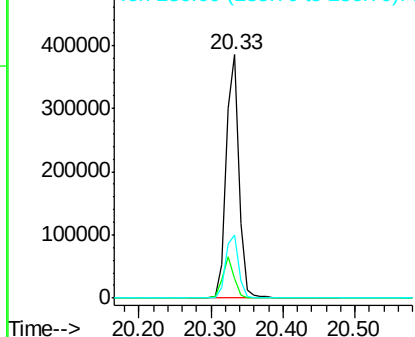


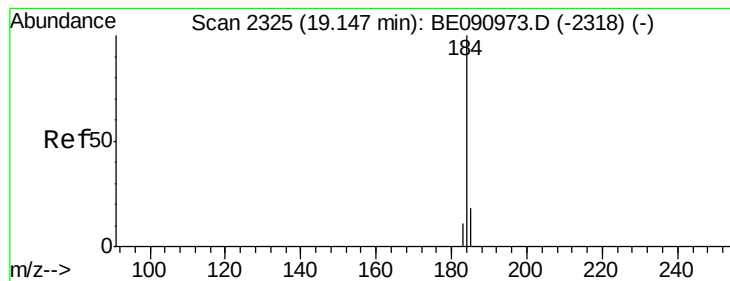
#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 20.33 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	11.0	16.4#
236	26.1	21.7	32.5



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





#27

Benzidine

Concen: 0.14 ng

RT: 18.73 min Scan# 2388

Delta R.T. 0.14 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

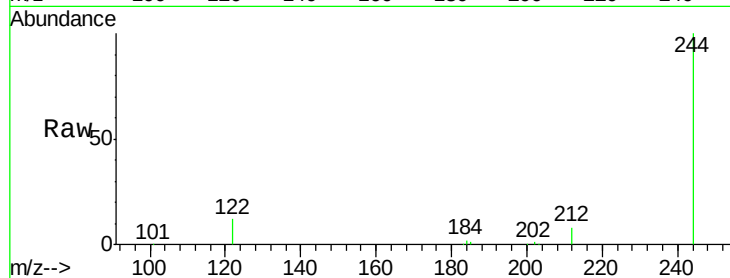
Tot Ion:184 Resp: 1715

Ion Ratio Lower Upper

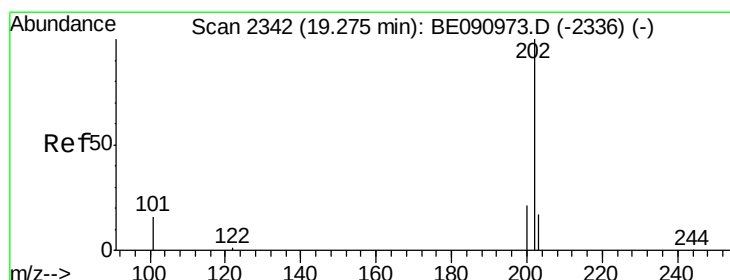
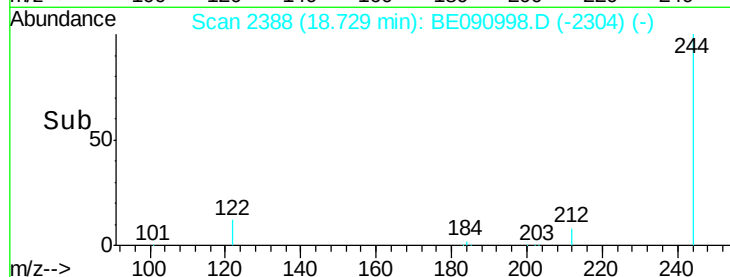
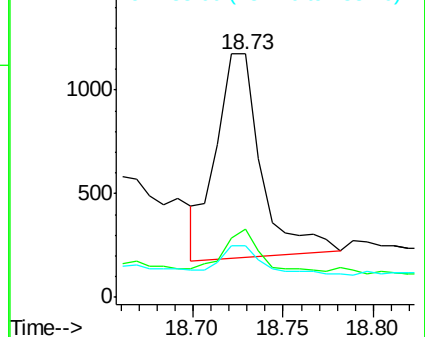
184 100

185 27.9 22.3 33.5

183 21.2 16.4 24.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.98 ng

RT: 18.58 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

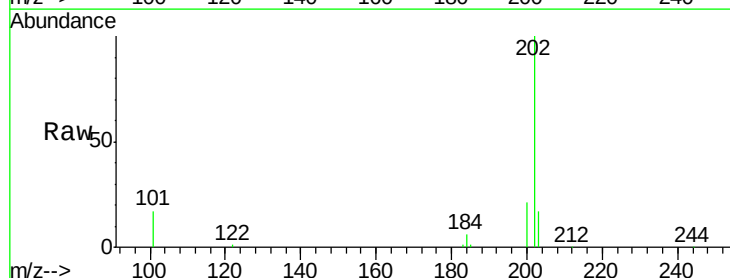
Tgt Ion:202 Resp: 109006

Ion Ratio Lower Upper

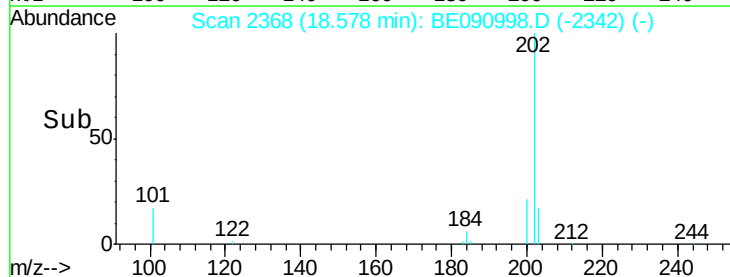
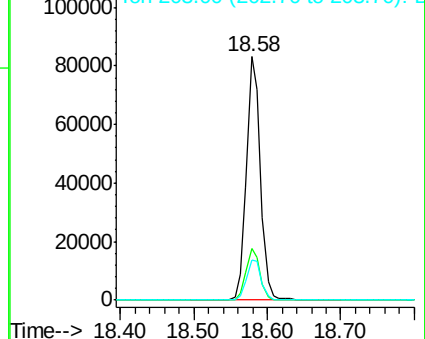
202 100

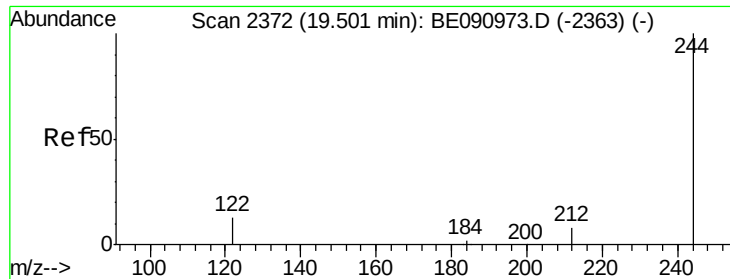
200 21.2 16.8 25.2

203 17.0 14.0 21.0



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





#29

Terphenyl-d14

Concen: 1.04 ng

RT: 18.73 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

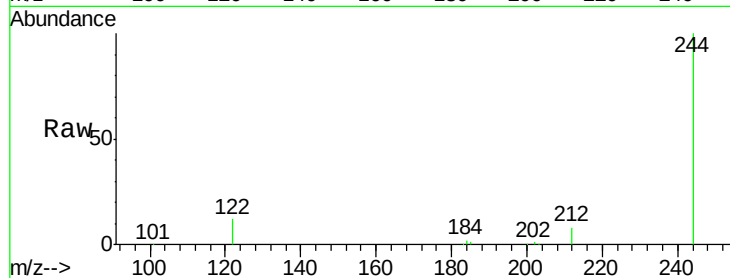
Tot Ion:244 Resp: 60069

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

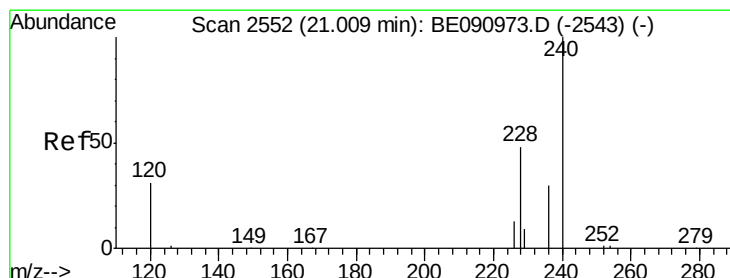
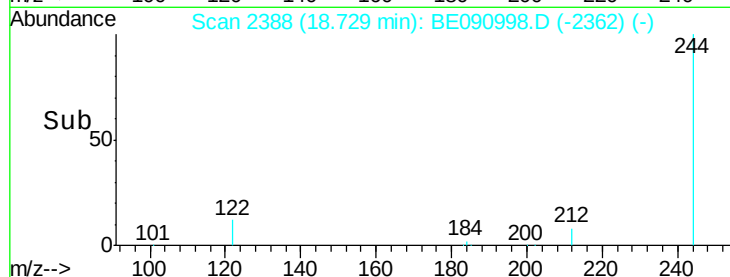
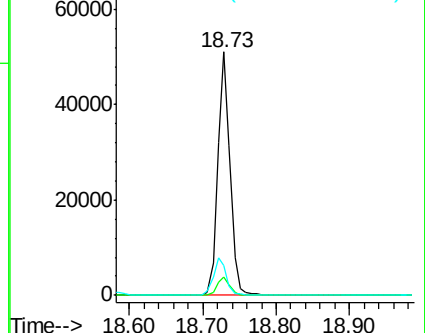
122 12.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.08 ng

RT: 20.30 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

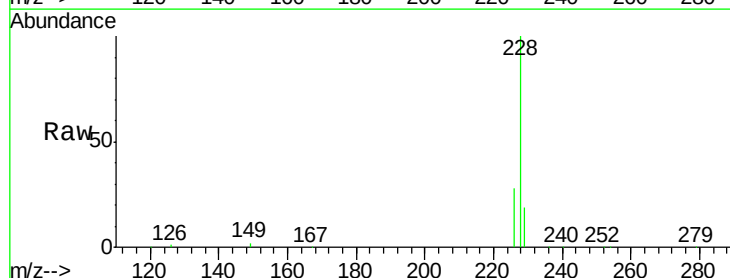
Tgt Ion:228 Resp: 115485

Ion Ratio Lower Upper

228 100

226 27.9 21.0 31.4

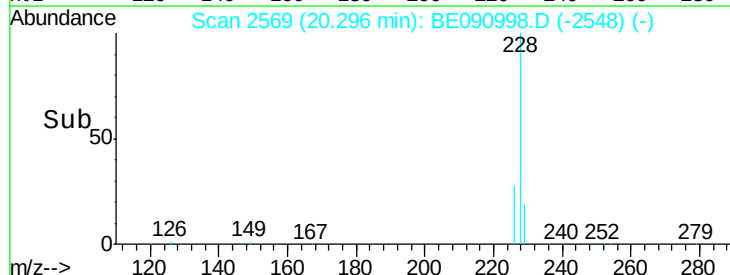
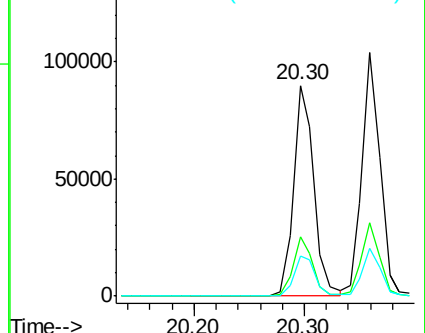
229 18.8 15.7 23.5

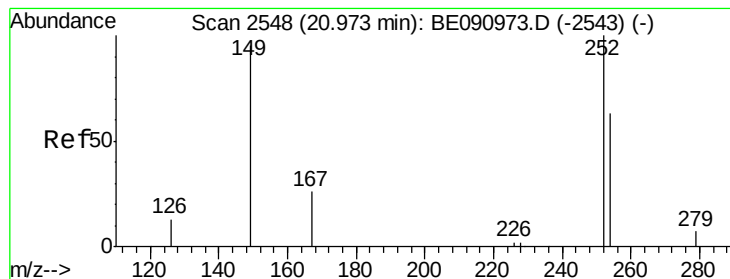


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

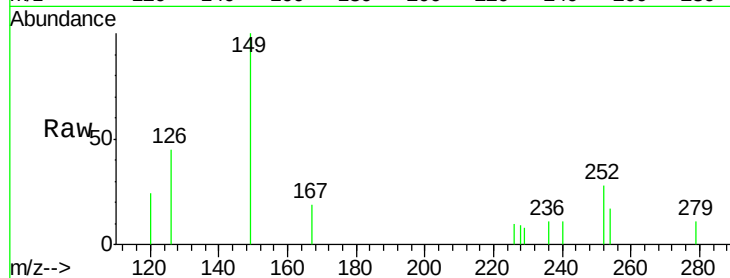




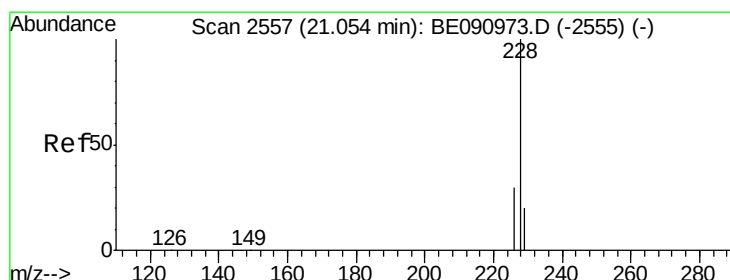
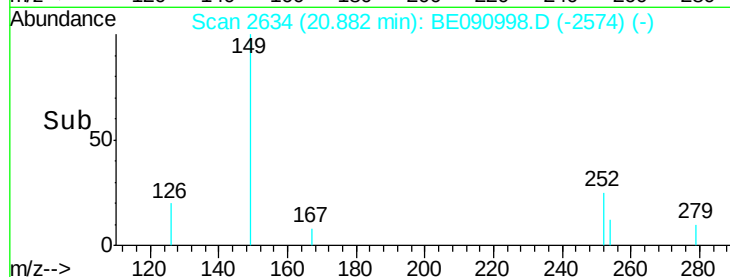
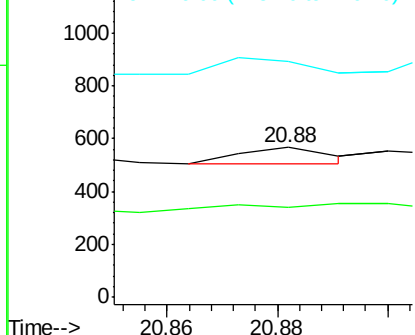
#31
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 20.88 min Scan# 2634
 Delta R.T. 0.04 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tot Ion:252 Resp: 71
 Ion Ratio Lower Upper
 252 100
 254 60.1 51.1 76.7
 126 158.0 12.6 18.8#

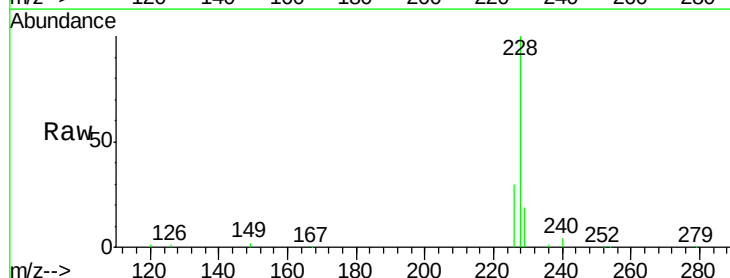


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

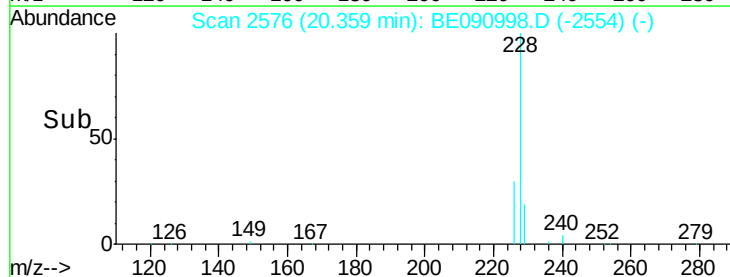
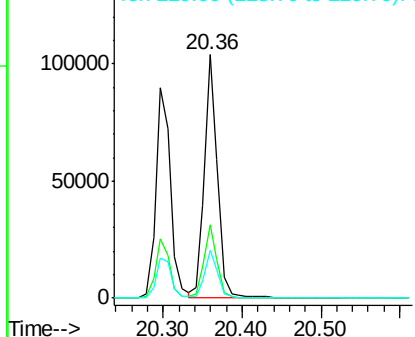


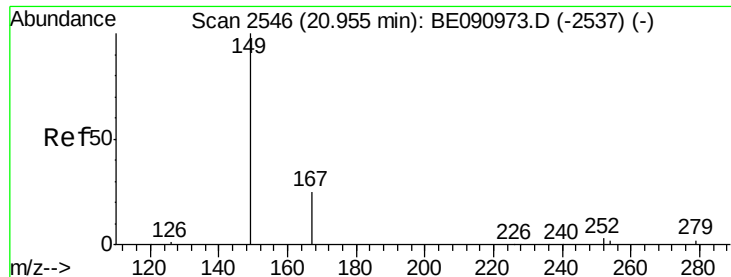
#32
 Chrysene
 Concen: 0.93 ng
 RT: 20.36 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Tgt Ion:228 Resp: 119245
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.0 36.0
 229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.49 ng

RT: 20.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

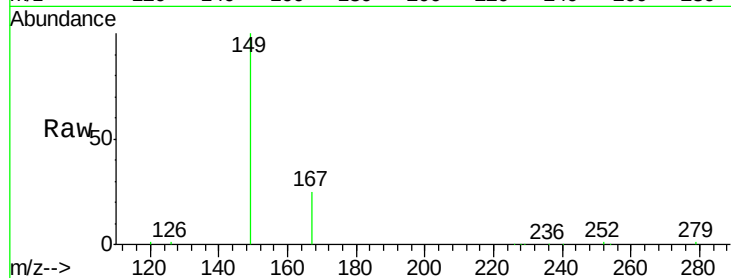
Tot Ion:149 Resp: 55345

Ion Ratio Lower Upper

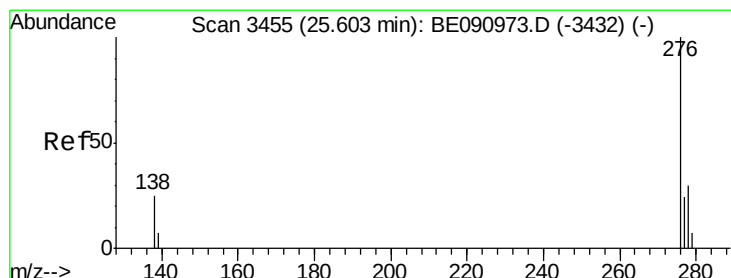
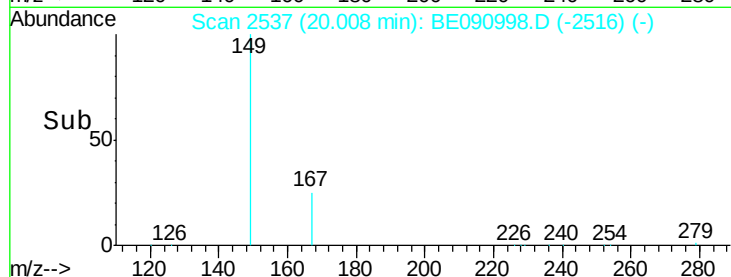
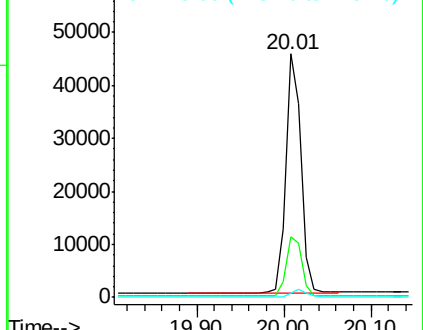
149 100

167 26.1 19.5 29.3

279 3.0 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.12 ng

RT: 23.91 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BE090998.D

Acq: 8 Oct 2015 11:57

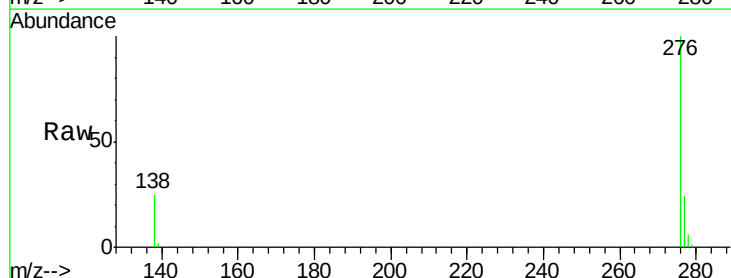
Tgt Ion:276 Resp: 124213

Ion Ratio Lower Upper

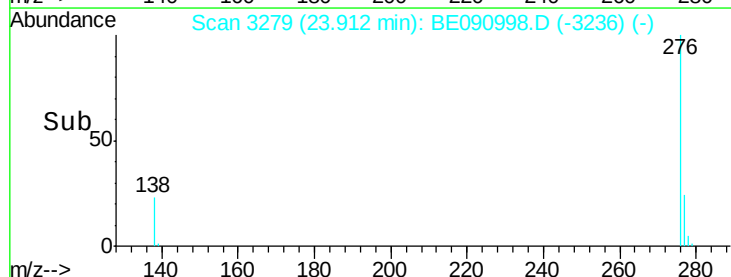
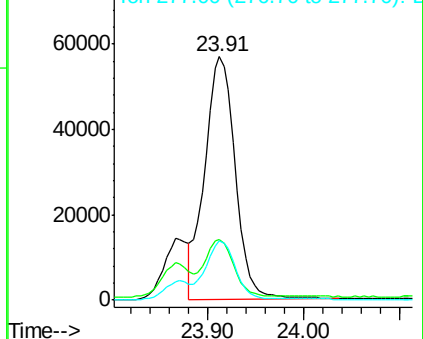
276 100

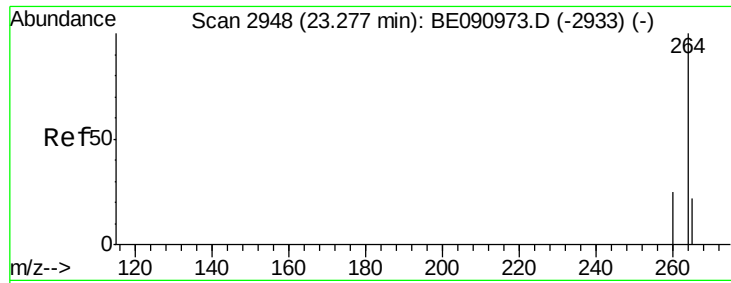
138 22.7 23.4 35.2#

277 23.1 19.8 29.8



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

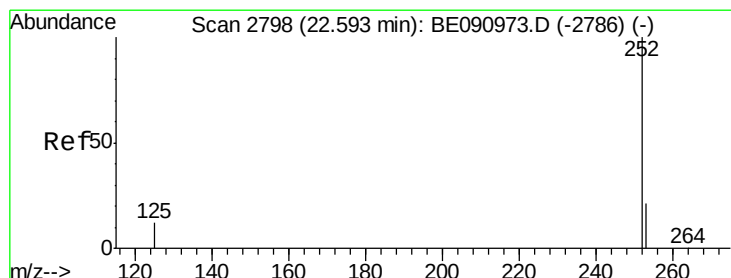
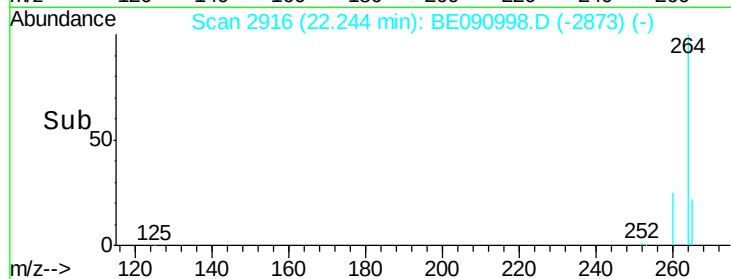
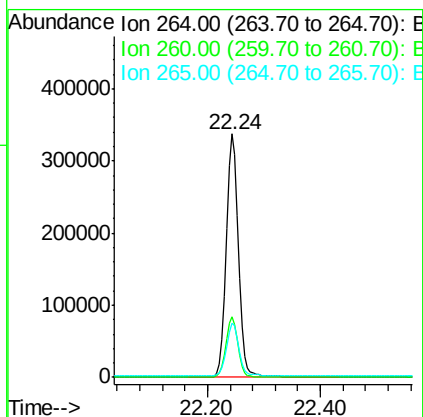
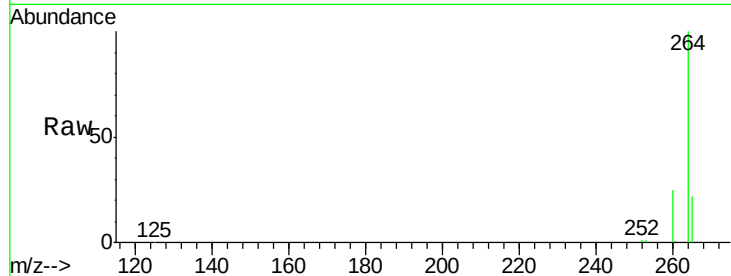




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 22.24 min Scan# 2916
 Delta R.T. -0.00 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

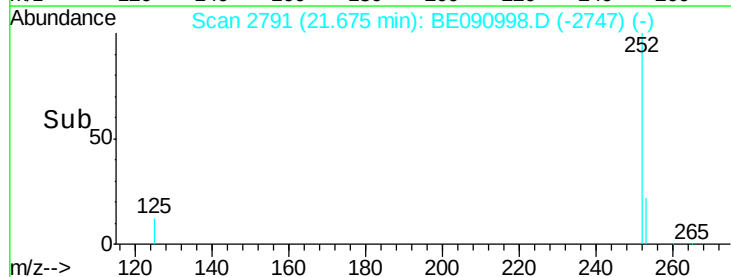
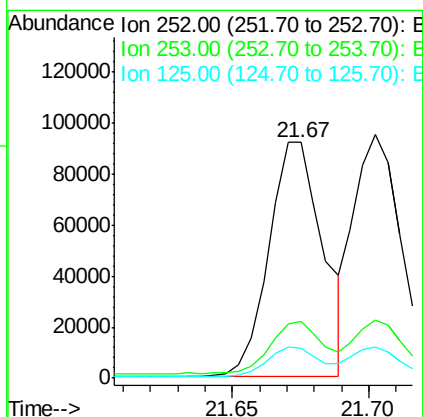
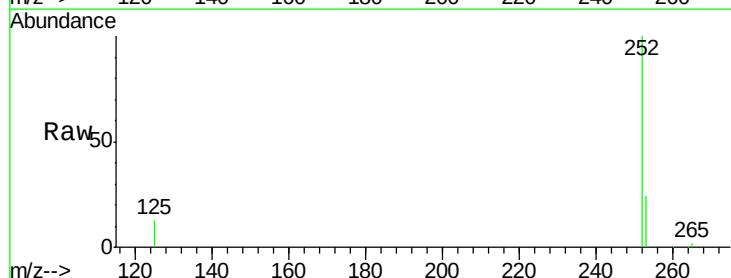
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

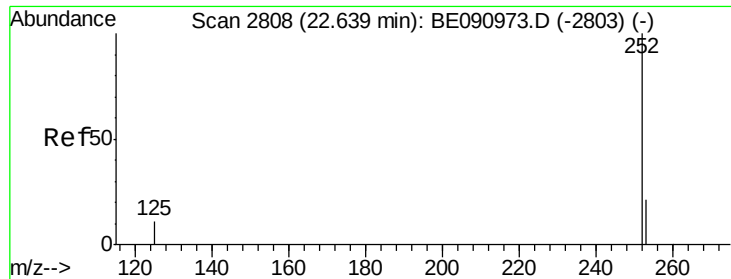
Tot Ion:264 Resp: 508678
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 22.4 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 1.13 ng
 RT: 21.67 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BE090998.D
 Acq: 8 Oct 2015 11:57

Tgt Ion:252 Resp: 126275
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.4 26.0
 125 12.6 10.2 15.2

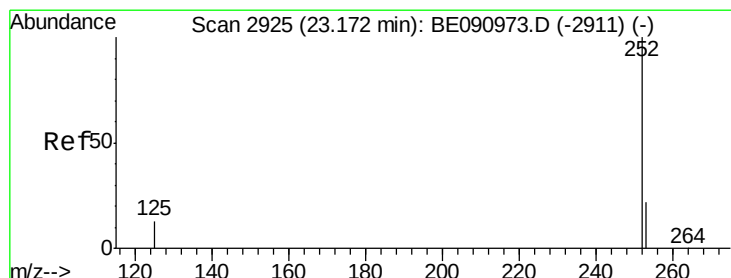
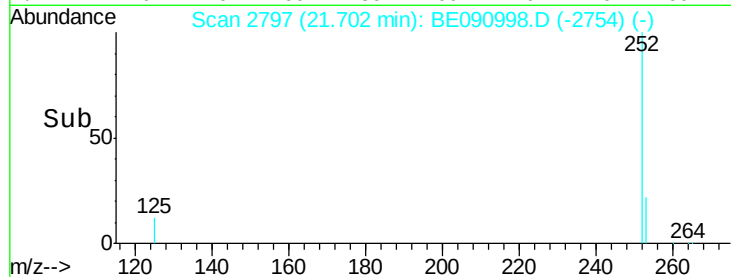
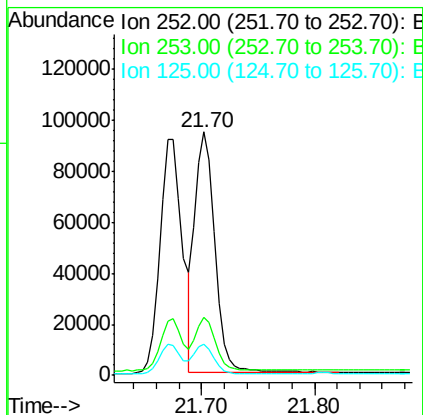
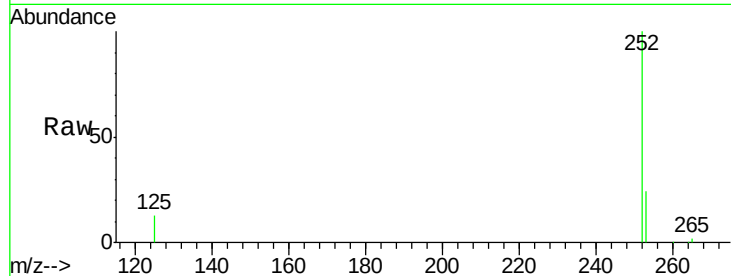




#37
Benzo(k)fluoranthene
Concen: 0.79 ng
RT: 21.70 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

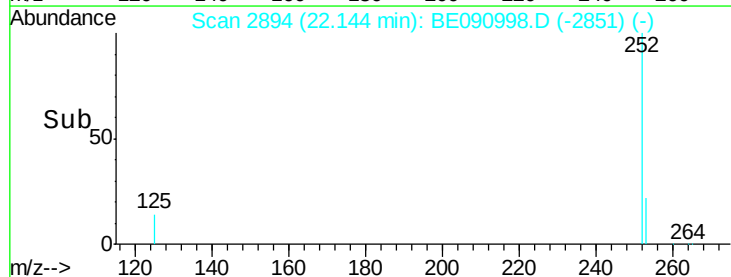
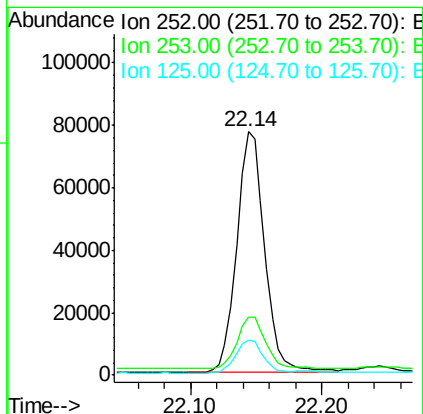
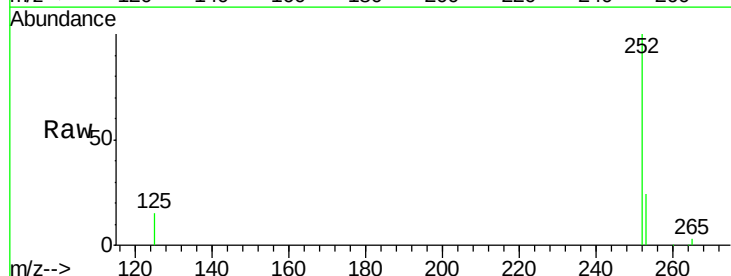
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

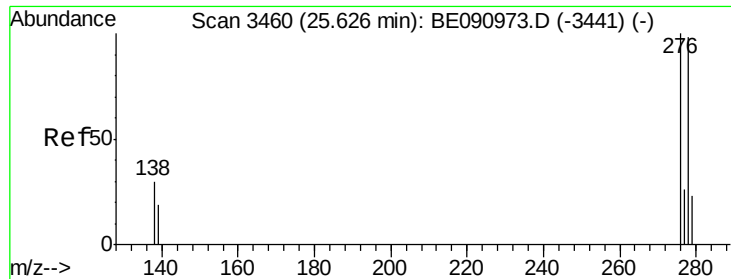
Tot Ion:252 Resp: 117607
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 12.9 9.9 14.9



#38
Benzo(a)pyrene
Concen: 1.09 ng
RT: 22.14 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion:252 Resp: 113175
Ion Ratio Lower Upper
252 100
253 24.0 18.1 27.1
125 14.5 11.0 16.4



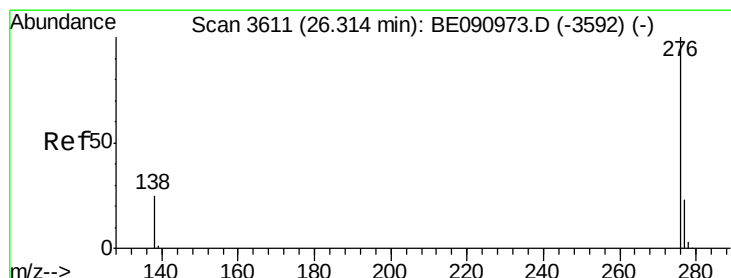
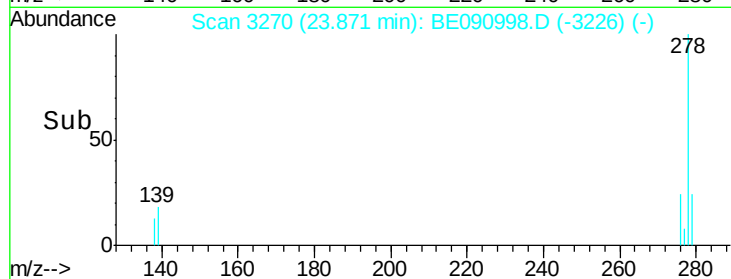
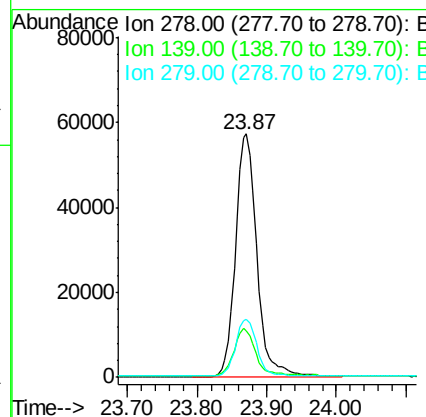
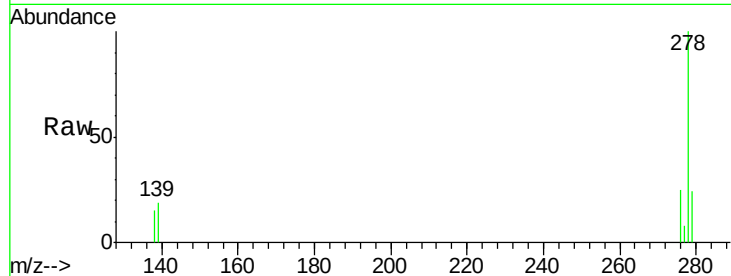


#39
Dibenzo(a,h)anthracene
Concen: 1.20 ng
RT: 23.87 min Scan# 3270
Delta R.T. -0.00 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tot Ion:278 Resp: 123343

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.0	24.0
279	24.1	19.4	29.2



#40
Benzo(g,h,i)perylene
Concen: 1.14 ng
RT: 24.49 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BE090998.D
Acq: 8 Oct 2015 11:57

Tgt Ion:276 Resp: 127012

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	26.9	20.4	30.6

