

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090342.D
 Acq On : 4 Aug 2015 11:50
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Aug 04 13:22:23 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

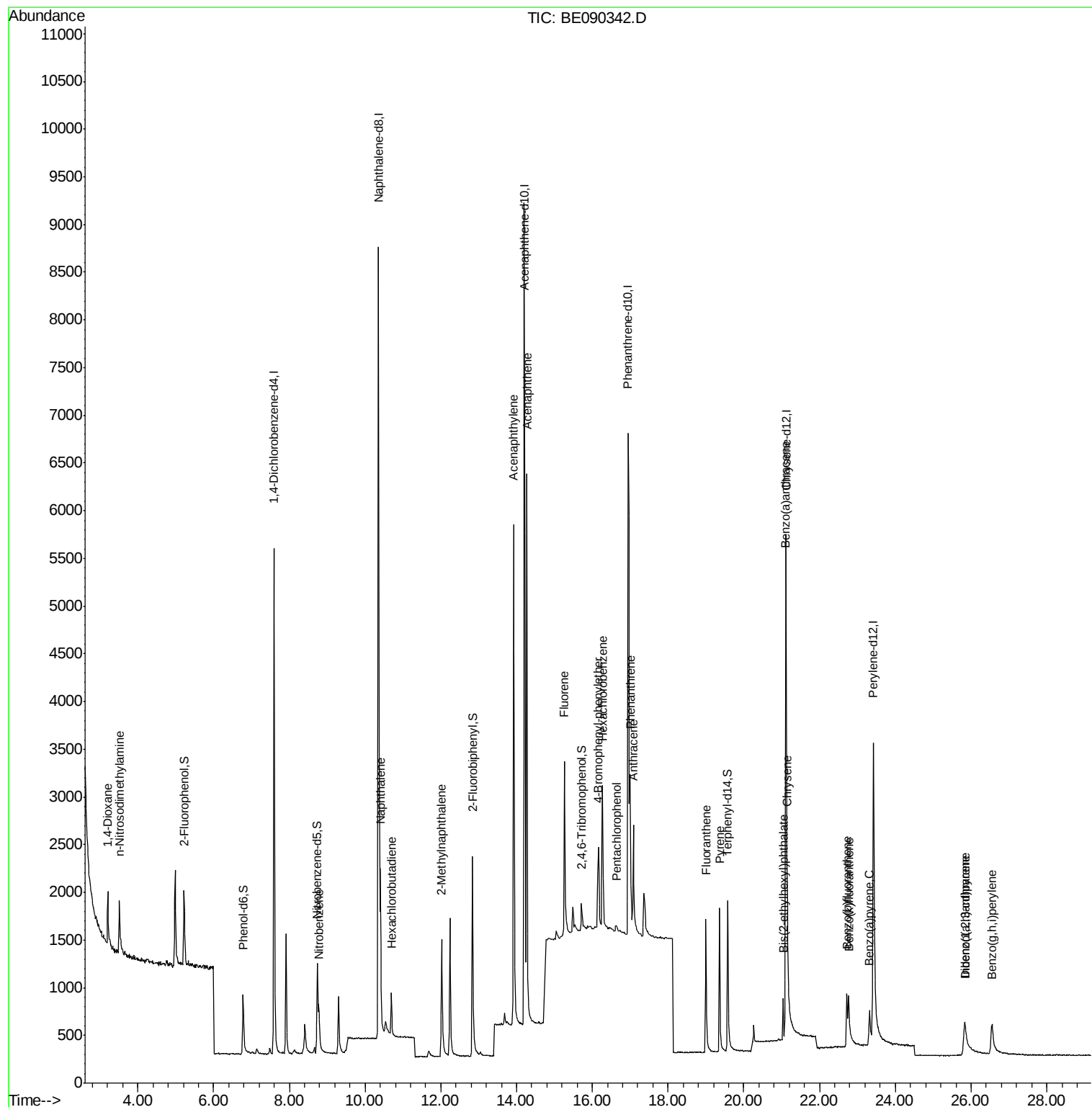
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2951	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	13097	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	5515	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	10213	5.00	ng	0.00
25) Chrysene-d12	21.11	240	7588	5.00	ng	0.00
32) Perylene-d12	23.42	264	6763	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	796	1.41	ng	0.00
5) Phenol-d6	6.78	99	906	1.31	ng	0.00
7) Nitrobenzene-d5	8.74	82	1130	1.46	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	146	2.00	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	2828	1.77	ng	0.00
27) Terphenyl-d14	19.58	244	2722	1.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	733	2.01	ng	# 72
3) n-Nitrosodimethylamine	3.51	42	520	1.04	ng	# 95
8) Nitrobenzene	8.78	77	643	0.81	ng	98
9) Naphthalene	10.40	128	2319	0.82	ng	94
10) Hexachlorobutadiene	10.69	225	317	0.84	ng	98
11) 2-Methylnaphthalene	12.02	142	1316	0.76	ng	97
15) Acenaphthylene	13.93	152	7899	0.82	ng	100
16) Acenaphthene	14.27	154	1071	0.77	ng	96
17) Fluorene	15.26	166	1238	0.73	ng	# 98
19) 4-Bromophenyl-phenylether	16.16	248	335	0.87	ng	95
20) Hexachlorobenzene	16.27	284	1265	0.87	ng	99
21) Pentachlorophenol	16.63	266	69	1.10	ng	95
22) Phenanthrene	17.00	178	1807	0.78	ng	99
23) Anthracene	17.08	178	1544	0.74	ng	96
24) Fluoranthene	19.00	202	1774	0.76	ng	100
26) Pyrene	19.36	202	1776	0.87	ng	99
28) Benzo(a)anthracene	21.10	228	1004	0.70	ng	94
29) Chrysene	21.15	228	1586	0.87	ng	94
30) Bis(2-ethylhexyl)phthalate	21.04	149	429	0.99	ng	95
31) Indeno(1,2,3-cd)pyrene	25.83	276	913	1.18	ng	# 91
33) Benzo(b)fluoranthene	22.72	252	835	0.95	ng	# 90
34) Benzo(k)fluoranthene	22.76	252	1316	0.72	ng	# 86
35) Benzo(a)pyrene	23.32	252	822	0.95	ng	# 83
36) Dibenzo(a,h)anthracene	25.85	278	475	0.93	ng	# 88
37) Benzo(g,h,i)perylene	26.55	276	995	1.00	ng	# 91

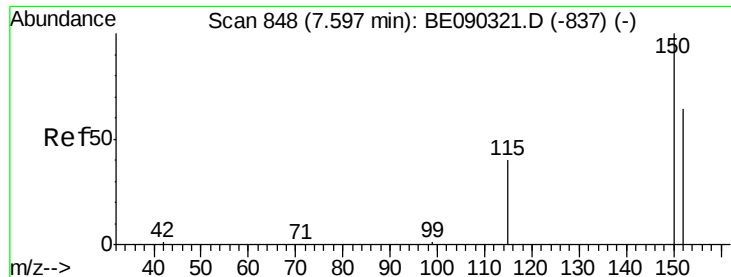
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090342.D
Acq On : 4 Aug 2015 11:50
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 04 13:22:23 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

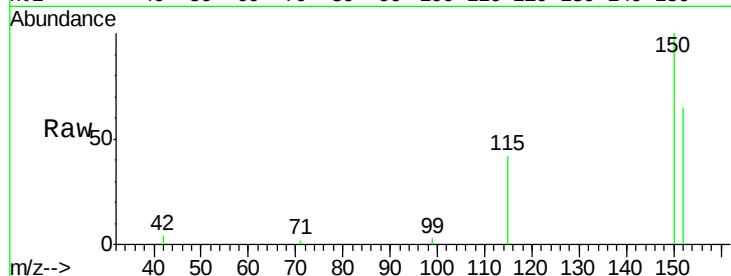
Tgt Ion: 152 Resp: 2951

Ion Ratio Lower Upper

152 100

150 154.8 124.2 186.2

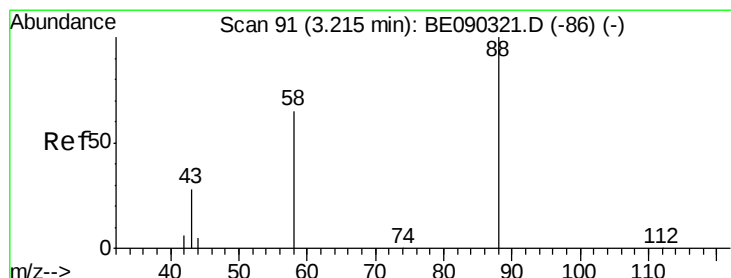
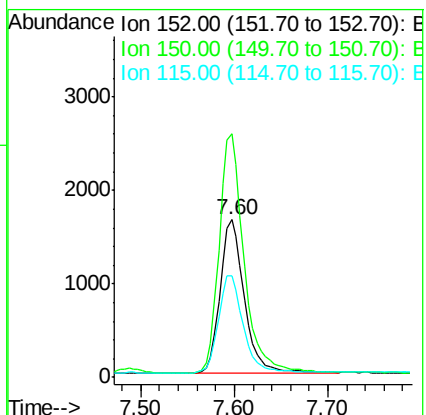
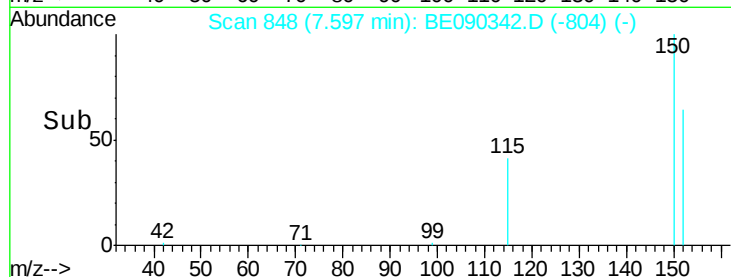
115 64.9 50.4 75.6



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: 2.01 ng

RT: 3.20 min Scan# 89

Delta R.T. -0.01 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

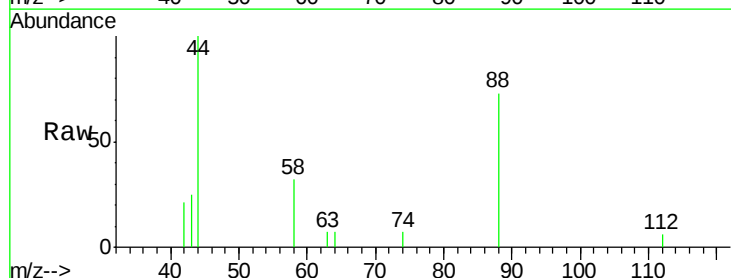
Tgt Ion: 88 Resp: 733

Ion Ratio Lower Upper

88 100

58 35.3 50.2 75.2#

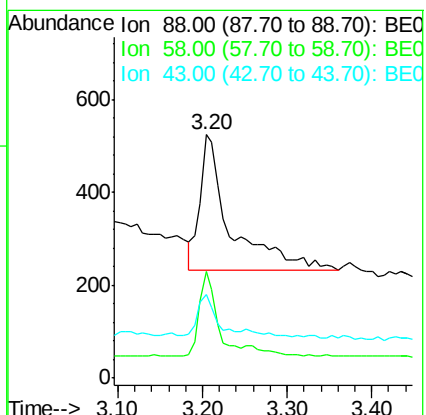
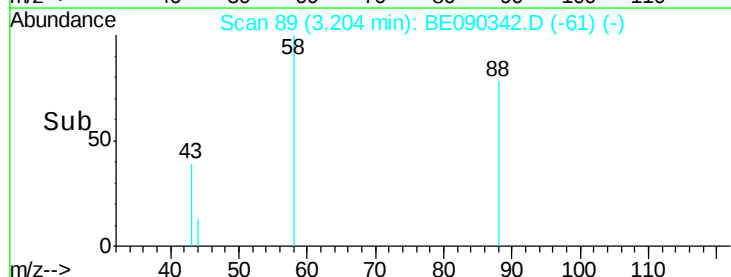
43 23.6 25.0 37.6#

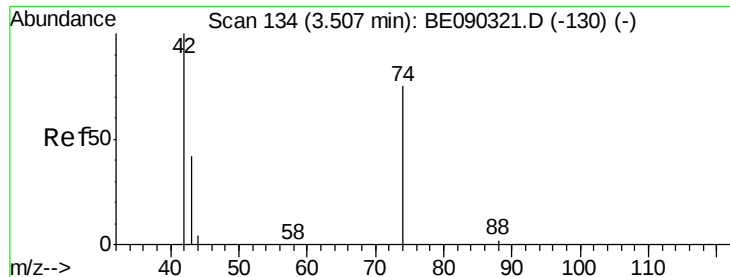


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



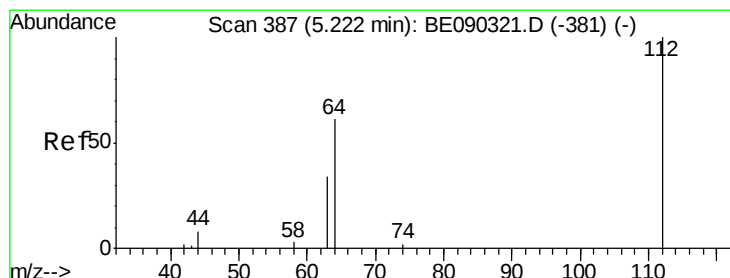
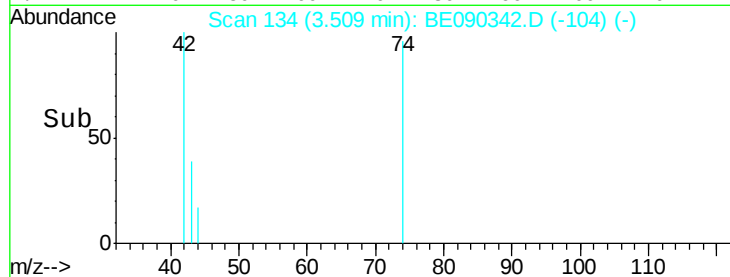
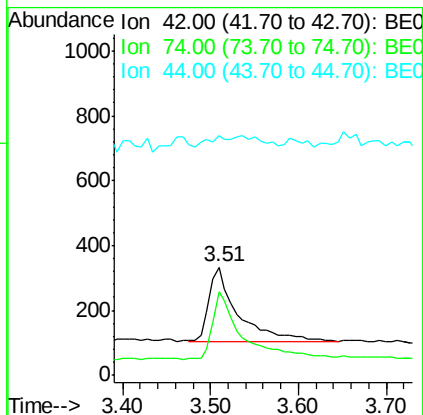
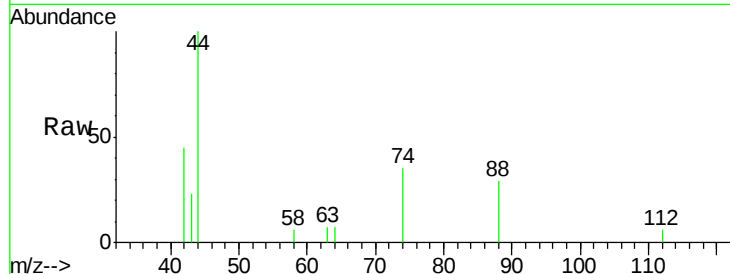


#3

n-Nitrosodimethylamine
 Concen: 1.04 ng
 RT: 3.51 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BE090342.D
 Acq: 4 Aug 2015 11:50

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

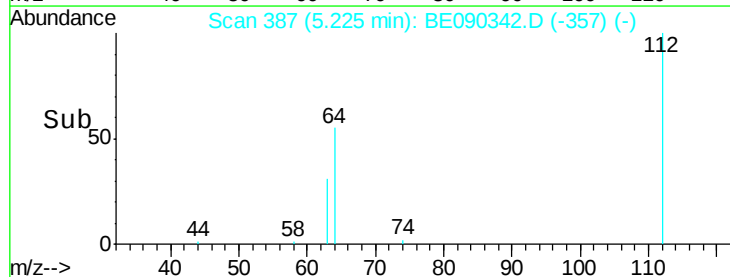
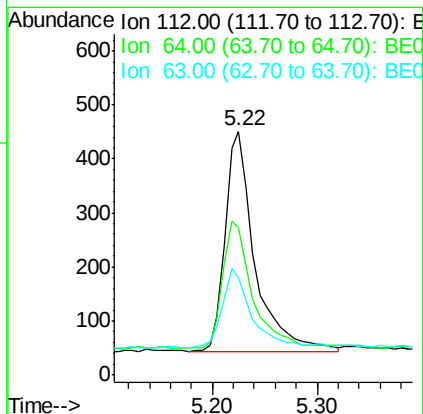
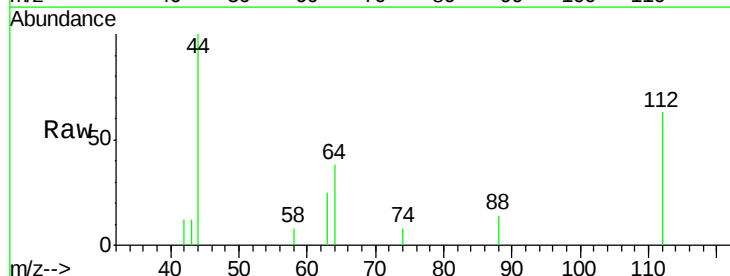
Tgt Ion: 42 Resp: 520
 Ion Ratio Lower Upper
 42 100
 74 95.4 73.2 109.8
 44 11.3 3.8 5.6#

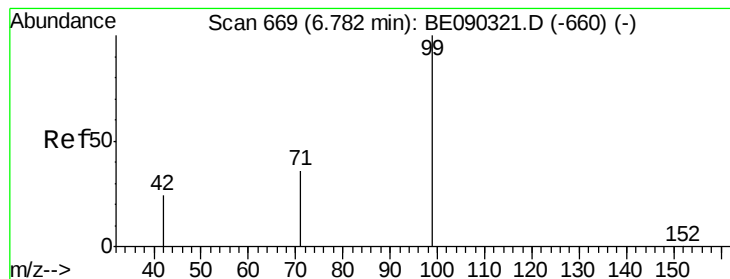


#4

2-Fluorophenol
 Concen: 1.41 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BE090342.D
 Acq: 4 Aug 2015 11:50

Tgt Ion: 112 Resp: 796
 Ion Ratio Lower Upper
 112 100
 64 59.3 49.0 73.4
 63 34.5 27.7 41.5





#5

Phenol-d6

Concen: 1.31 ng

RT: 6.78 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

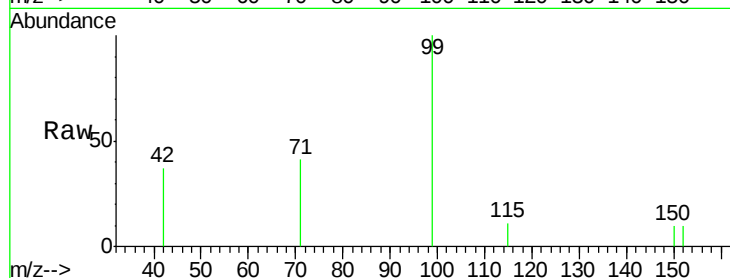
Tgt Ion: 99 Resp: 906

Ion Ratio Lower Upper

99 100

42 25.2 22.2 33.2

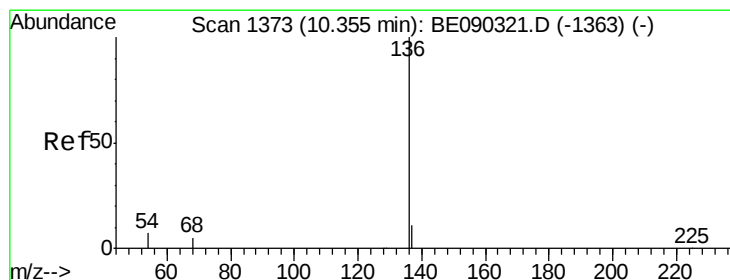
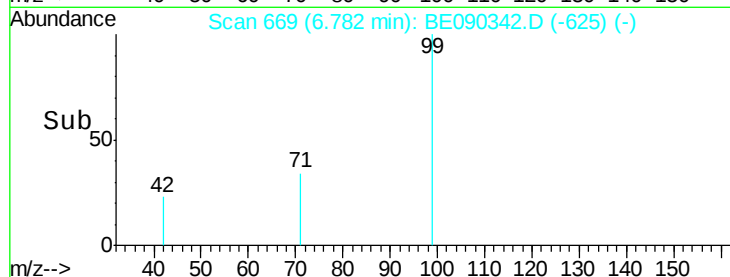
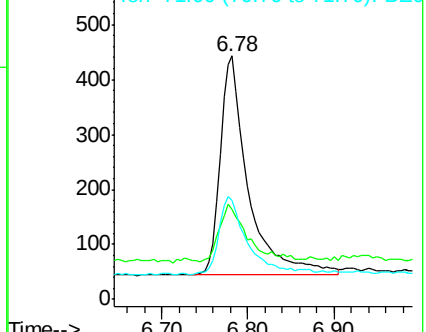
71 35.1 29.2 43.8



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: 10.35 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Tgt Ion: 136 Resp: 13097

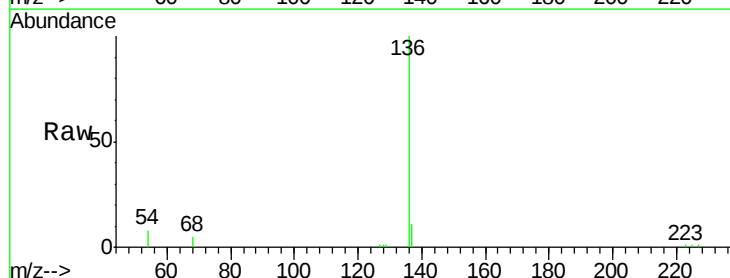
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.6 6.0 9.0

68 5.2 3.9 5.9

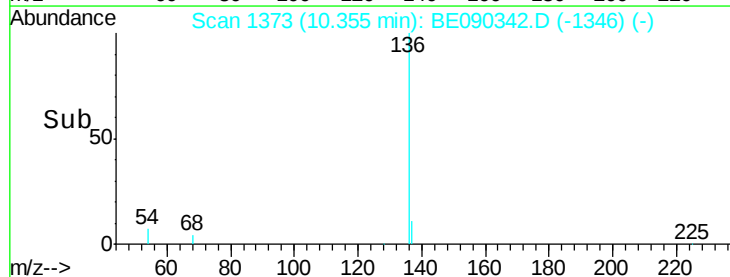
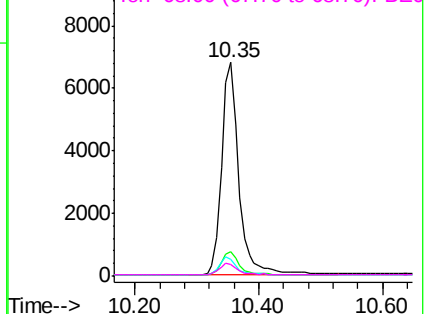


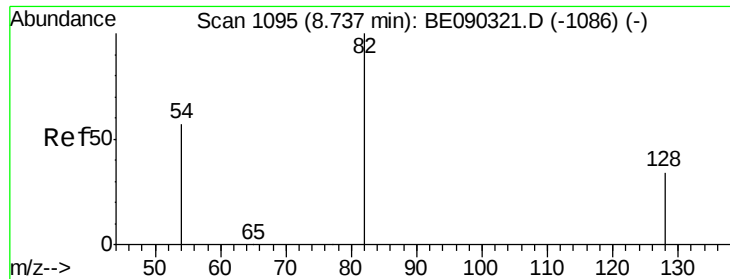
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 1.46 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

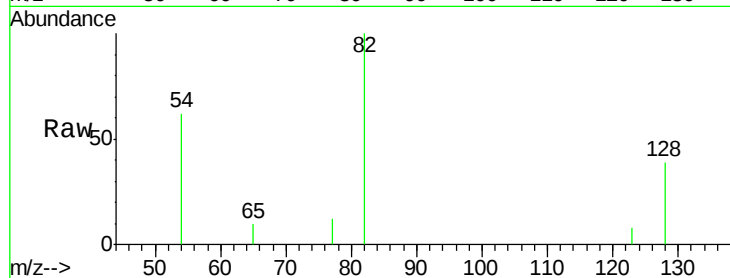
Tgt Ion: 82 Resp: 1130

Ion Ratio Lower Upper

82 100

128 39.2 30.8 46.2

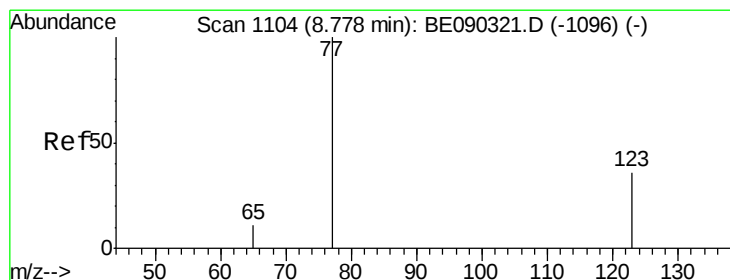
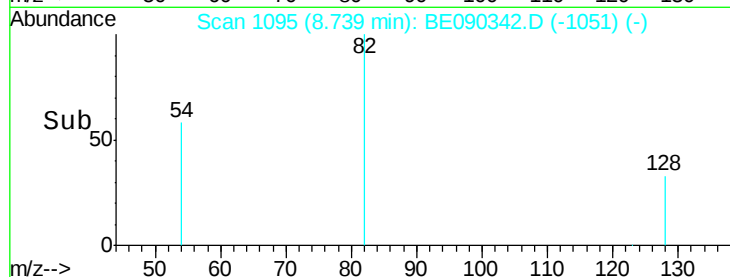
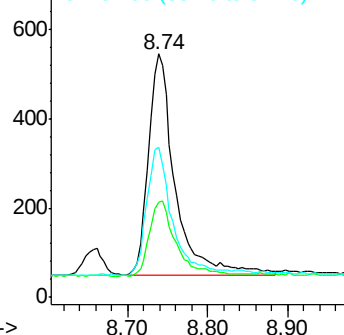
54 61.6 47.5 71.3



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: 0.81 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

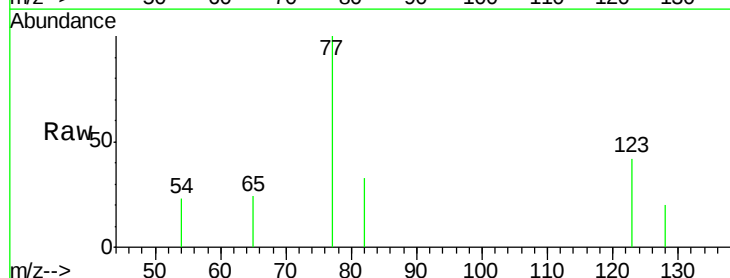
Tgt Ion: 77 Resp: 643

Ion Ratio Lower Upper

77 100

123 36.2 29.6 44.4

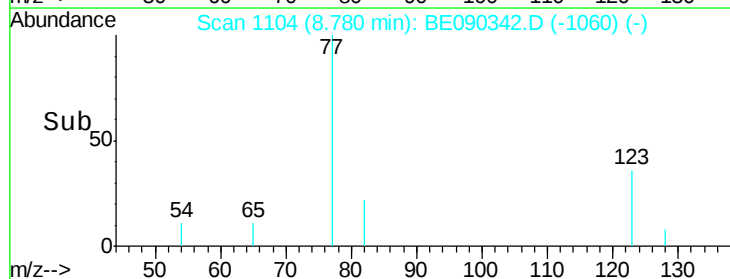
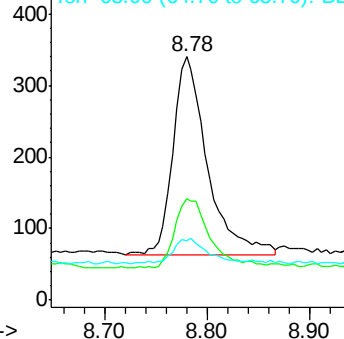
65 11.8 10.4 15.6



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: 0.82 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

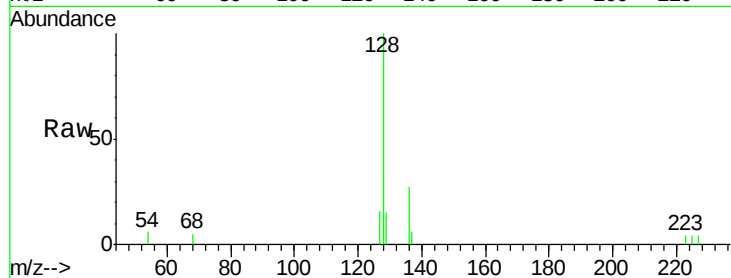
Tgt Ion:128 Resp: 2319

Ion Ratio Lower Upper

128 100

129 15.0 10.1 15.1

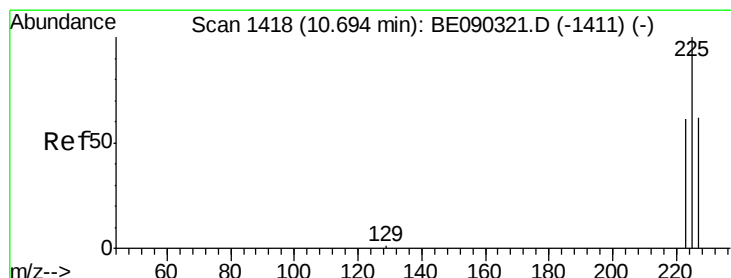
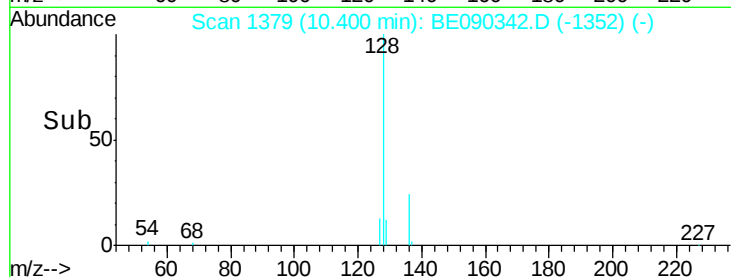
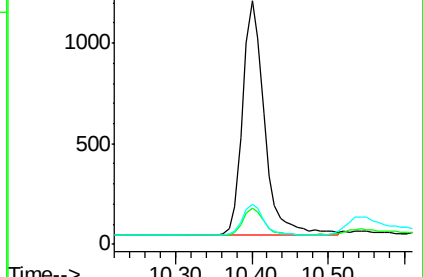
127 16.4 11.3 16.9



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: 0.84 ng

RT: 10.69 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

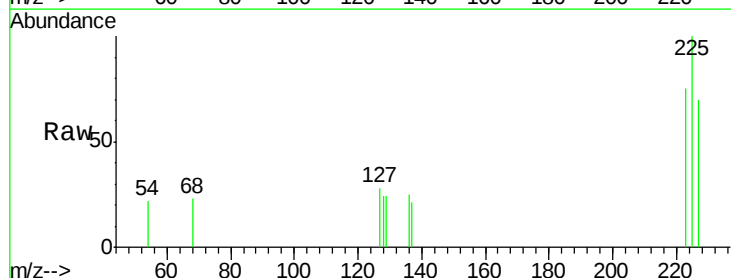
Tgt Ion:225 Resp: 317

Ion Ratio Lower Upper

225 100

223 64.4 50.4 75.6

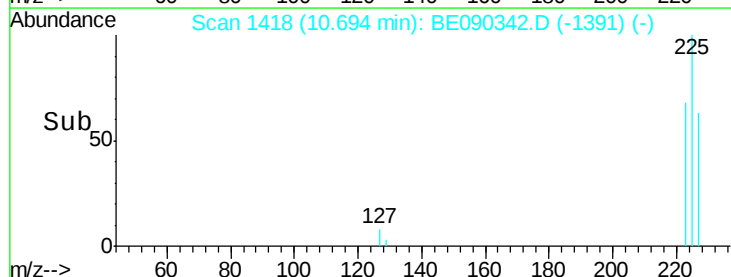
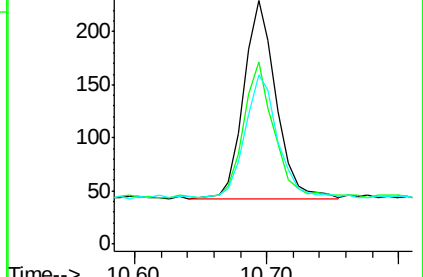
227 63.7 49.6 74.4

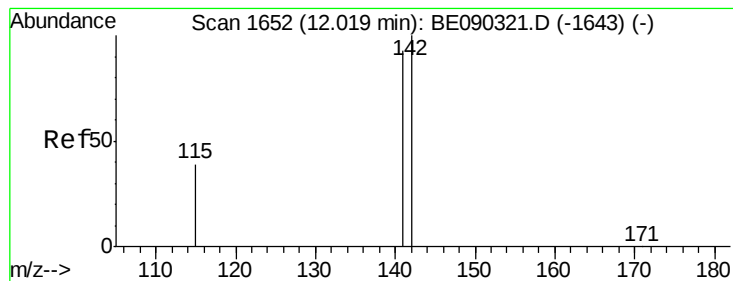


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

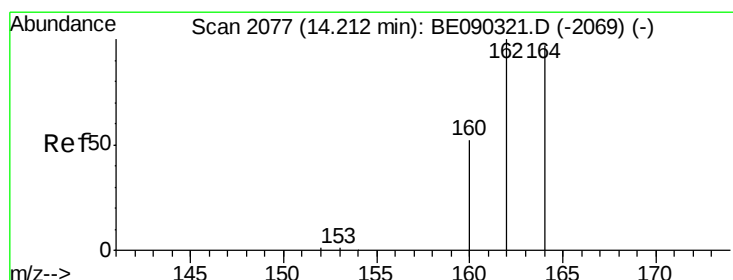
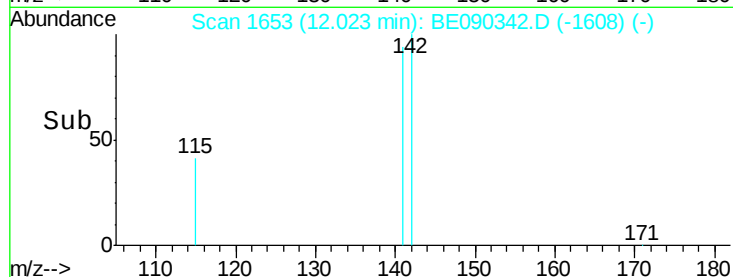
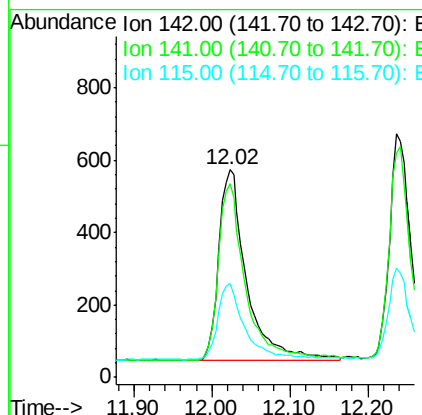
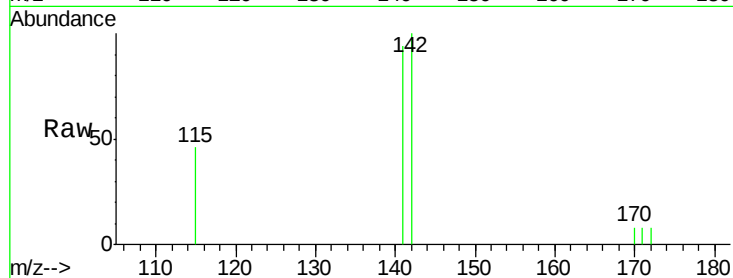




#11
2-Methylnaphthalene
Concen: 0.76 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE090342.D
Acq: 4 Aug 2015 11:50

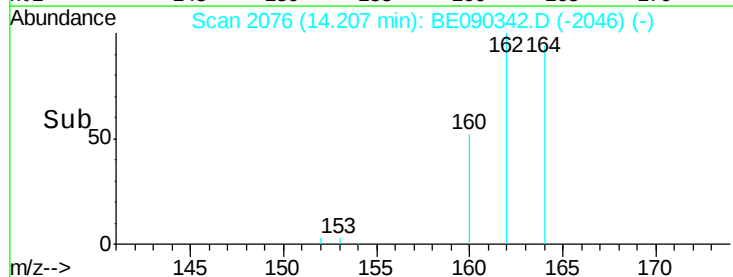
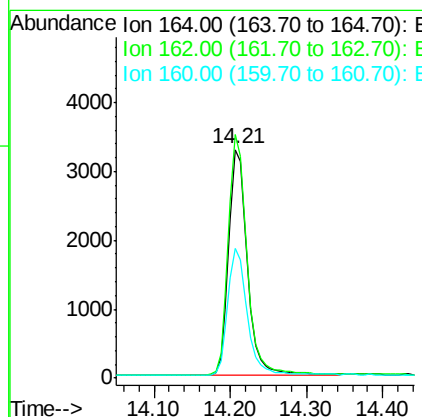
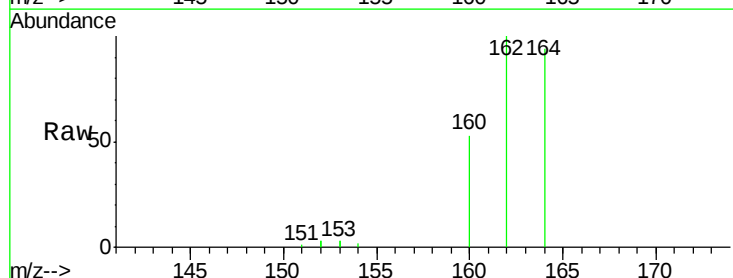
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

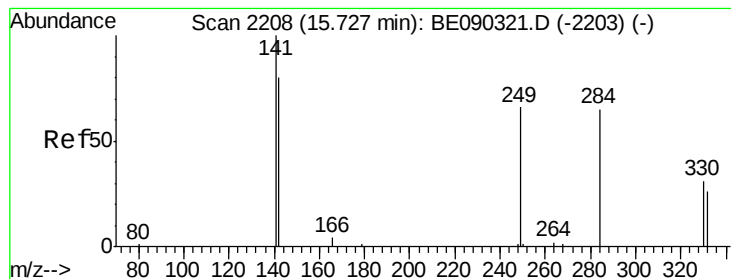
Tgt Ion:142 Resp: 1316
Ion Ratio Lower Upper
142 100
141 93.7 74.6 112.0
115 45.5 32.6 49.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BE090342.D
Acq: 4 Aug 2015 11:50

Tgt Ion:164 Resp: 5515
Ion Ratio Lower Upper
164 100
162 106.5 82.7 124.1
160 56.5 43.0 64.6





#13

2,4,6-Tribromophenol

Concen: 2.00 ng

RT: 15.73 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

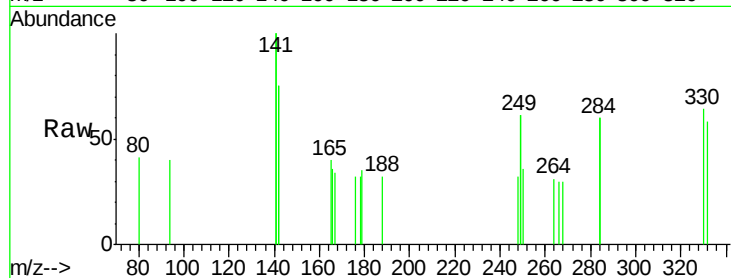
Tgt Ion:330 Resp: 146

Ion Ratio Lower Upper

330 100

332 99.3 79.4 119.0

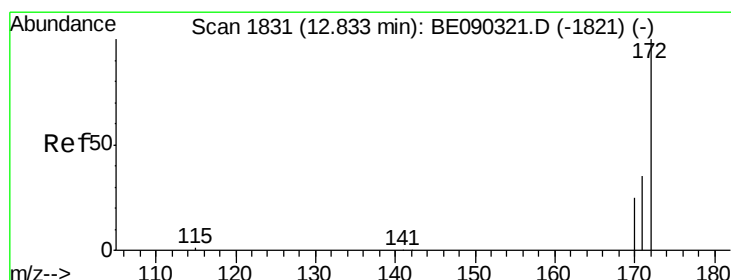
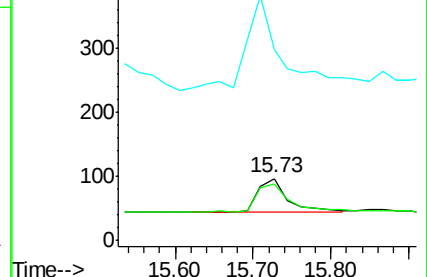
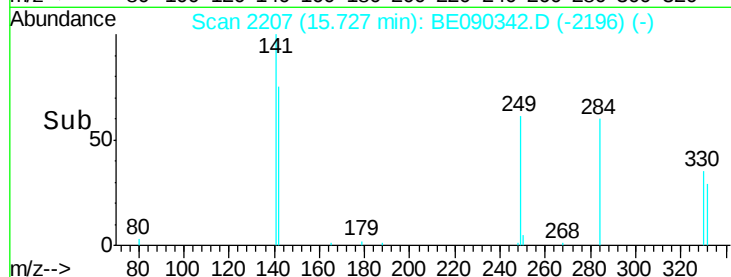
141 348.6 245.9 368.9



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: 1.77 ng

RT: 12.84 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

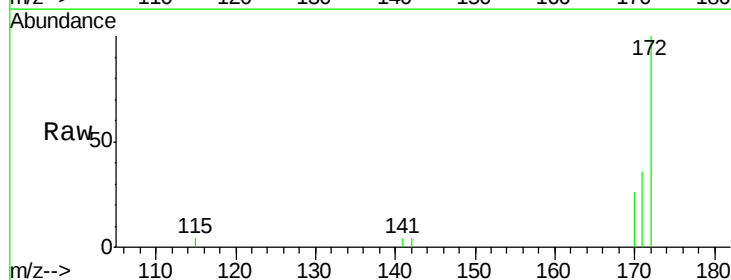
Tgt Ion:172 Resp: 2828

Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

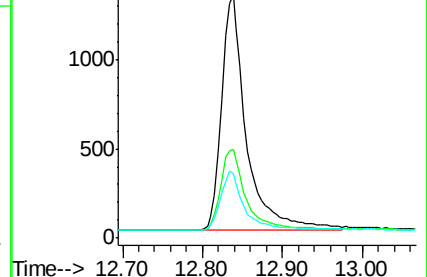
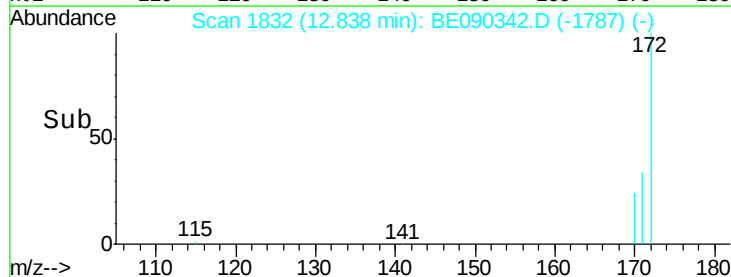
170 26.5 21.3 31.9

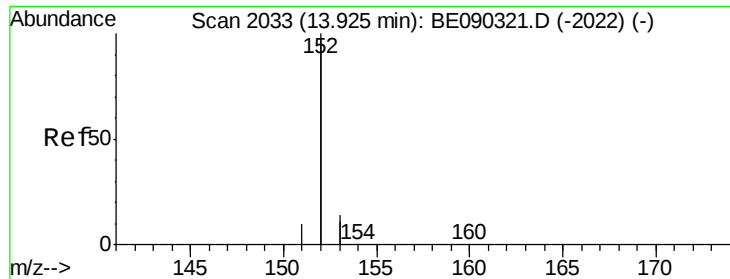


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.82 ng

RT: 13.93 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

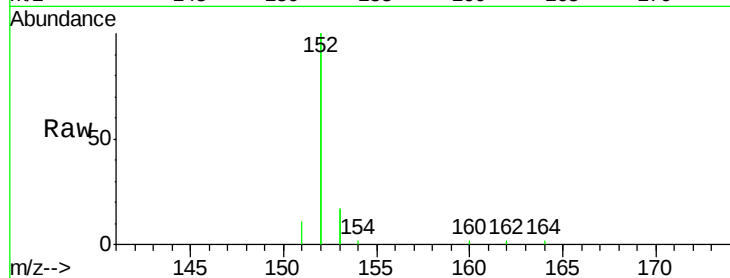
Tgt Ion:152 Resp: 7899

Ion Ratio Lower Upper

152 100

151 4.7 4.0 6.0

153 12.7 10.2 15.4



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

6000

5000

4000

3000

2000

1000

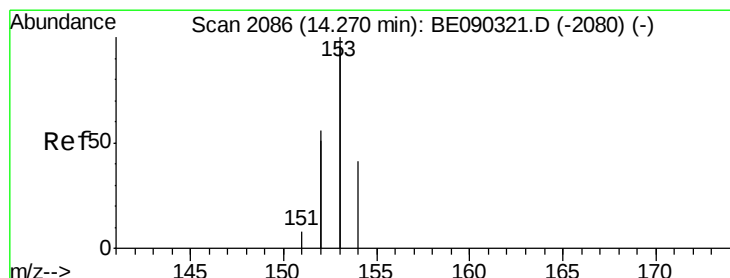
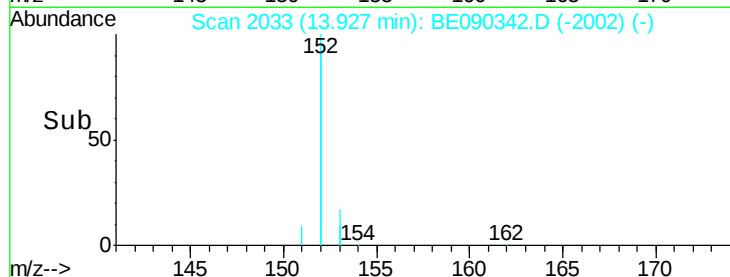
0

13.80

13.93

14.00

Time-->



#16

Acenaphthene

Concen: 0.77 ng

RT: 14.27 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

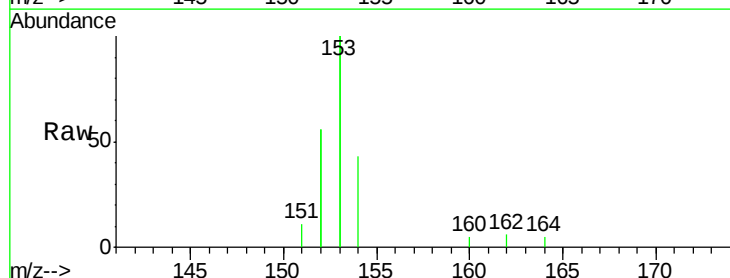
Tgt Ion:154 Resp: 1071

Ion Ratio Lower Upper

154 100

153 485.6 378.0 567.0

152 269.5 212.7 319.1



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

4000

3000

2000

1000

0

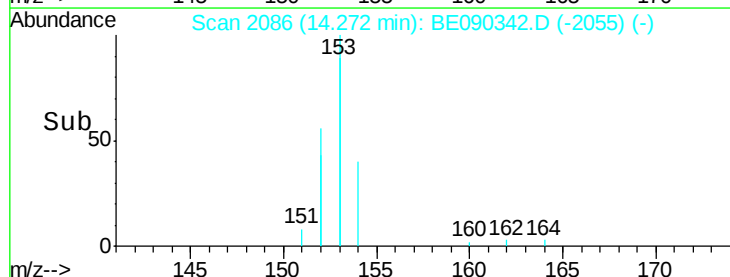
14.20

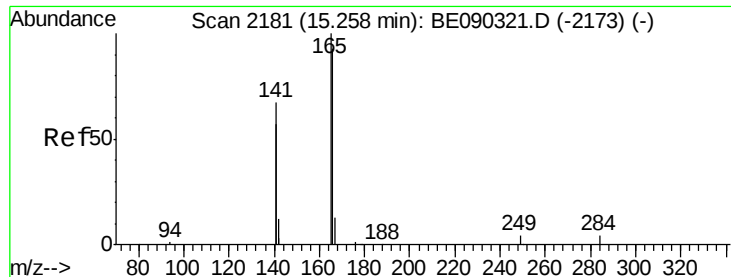
14.27

14.30

14.40

Time-->





#17

Fluorene

Concen: 0.73 ng

RT: 15.26 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

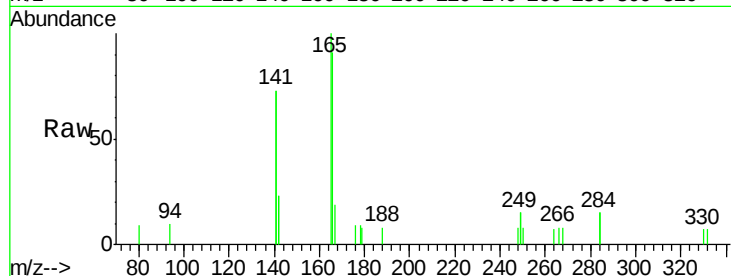
Tgt Ion:166 Resp: 1238

Ion Ratio Lower Upper

166 100

165 104.7 82.6 123.8

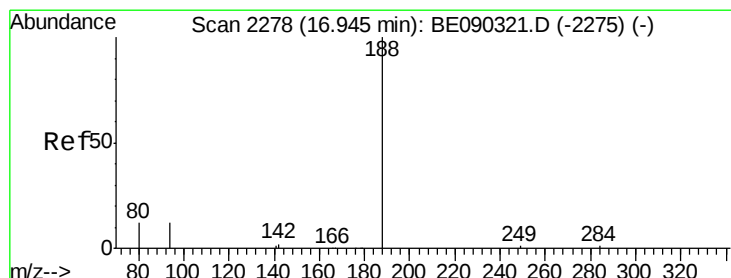
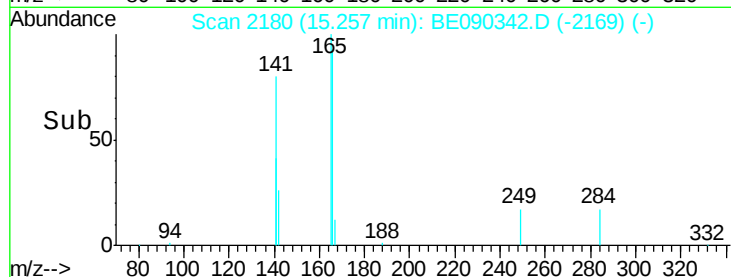
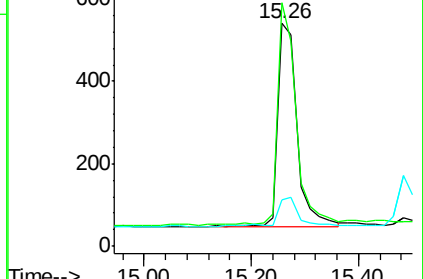
167 18.0 11.8 17.8#



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

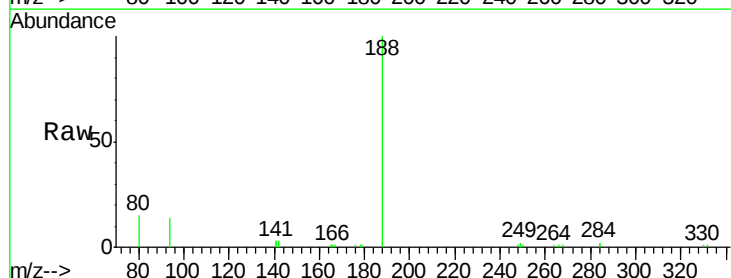
Tgt Ion:188 Resp: 10213

Ion Ratio Lower Upper

188 100

94 14.1 9.5 14.3

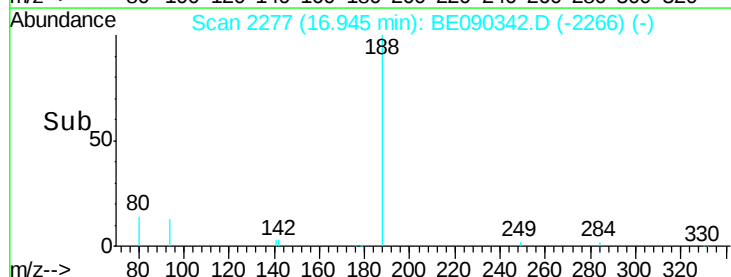
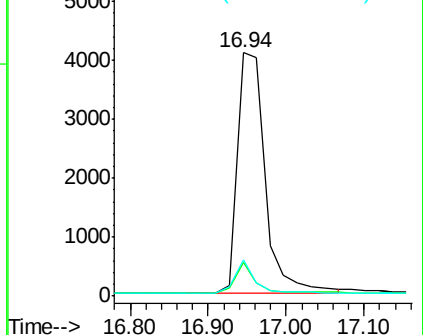
80 15.1 10.0 15.0#

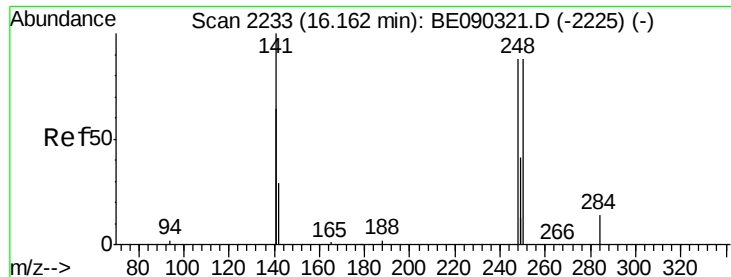


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

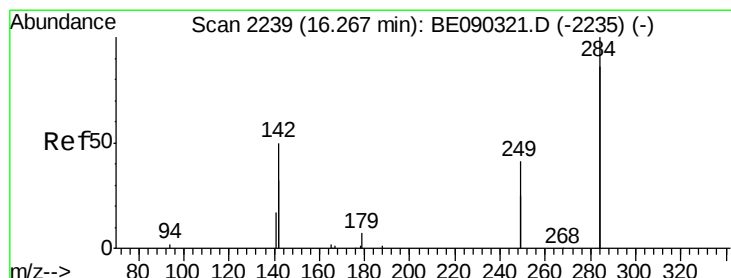
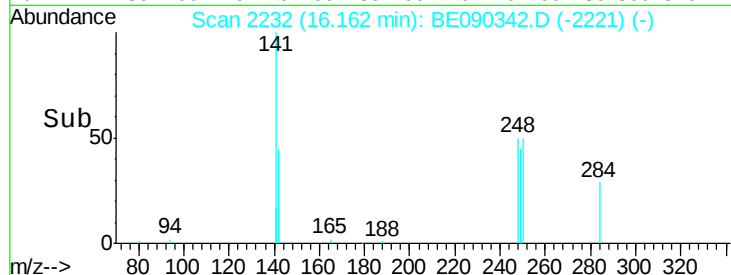
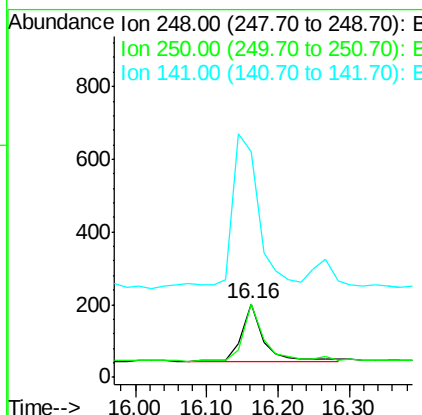
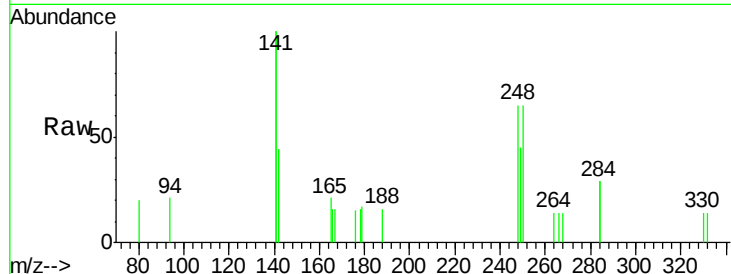




#19
4-Bromophenyl-phenylether
Concen: 0.87 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090342.D
Acq: 4 Aug 2015 11:50

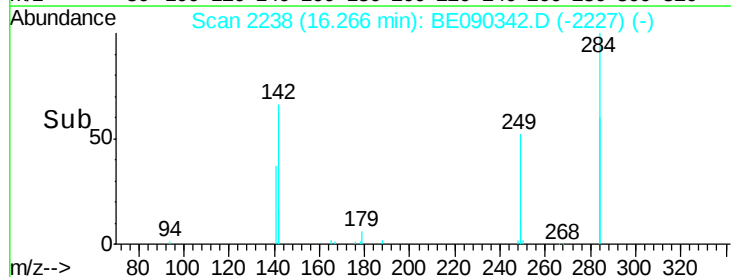
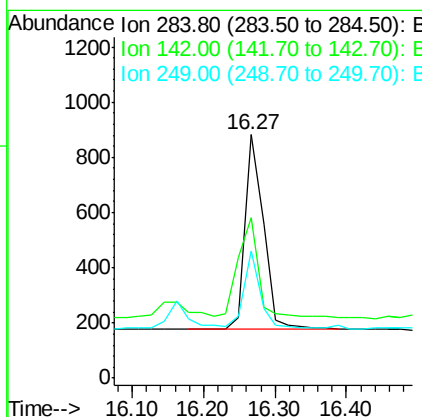
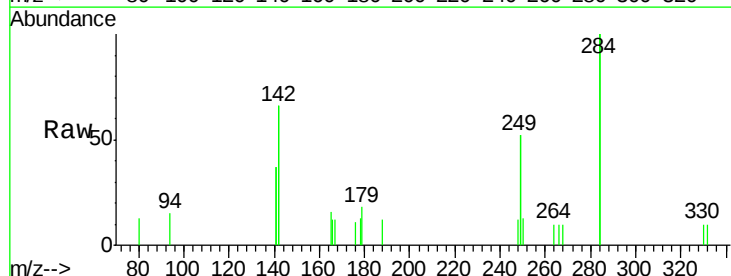
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

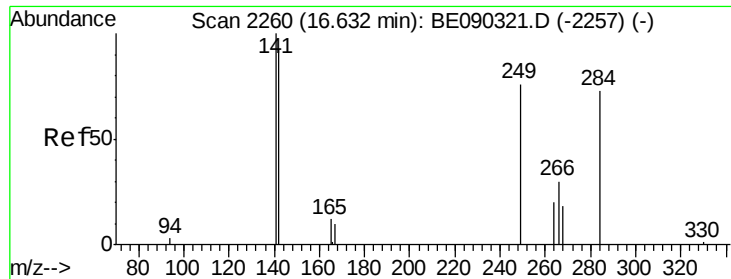
Tgt Ion: 248 Resp: 335
Ion Ratio Lower Upper
248 100
250 97.0 74.0 111.0
141 334.0 258.9 388.3



#20
Hexachlorobenzene
Concen: 0.87 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090342.D
Acq: 4 Aug 2015 11:50

Tgt Ion: 284 Resp: 1265
Ion Ratio Lower Upper
284 100
142 54.6 44.2 66.4
249 32.9 26.4 39.6

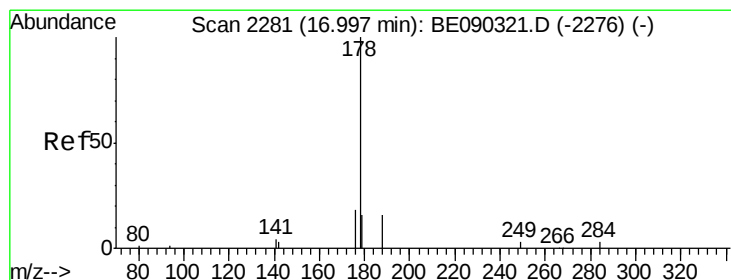
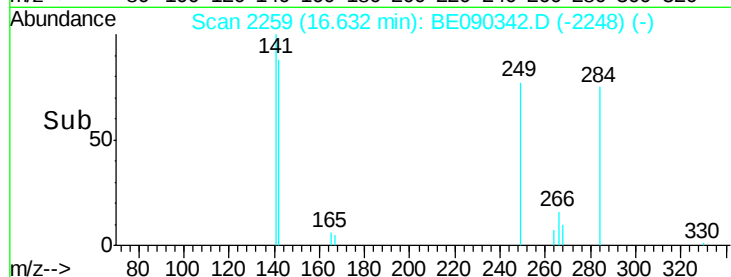
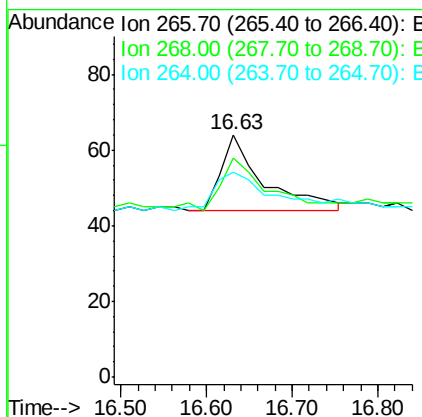
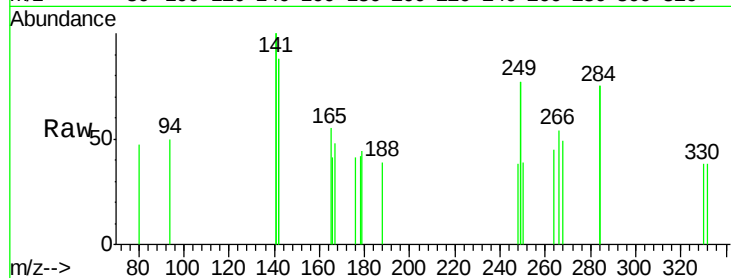




#21
 Pentachlorophenol
 Concen: 1.10 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090342.D
 Acq: 4 Aug 2015 11:50

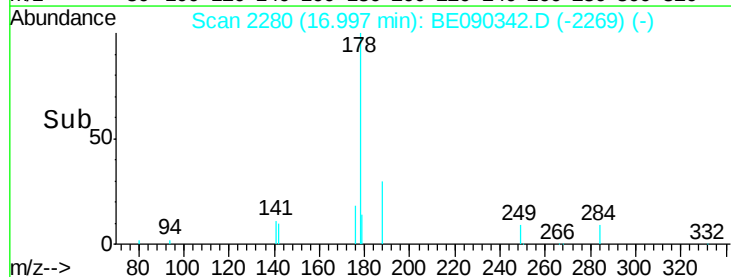
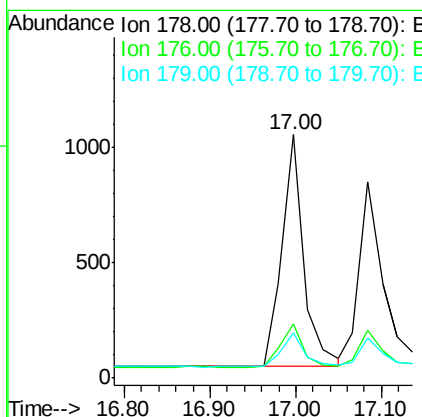
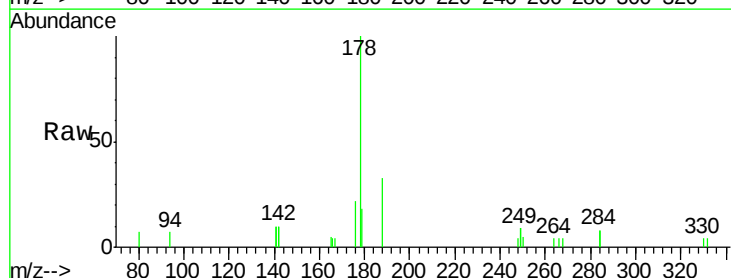
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC001EC

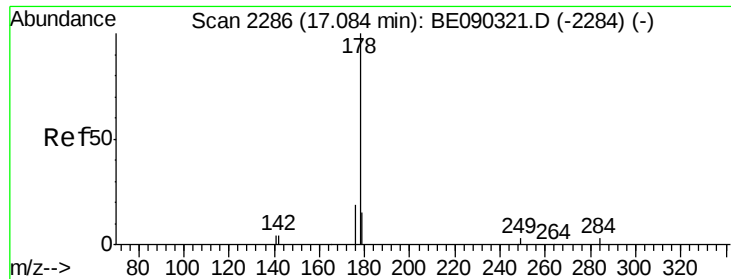
Tgt Ion: 266 Resp: 69
 Ion Ratio Lower Upper
 266 100
 268 90.6 66.2 99.2
 264 84.4 69.1 103.7



#22
 Phenanthrene
 Concen: 0.78 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090342.D
 Acq: 4 Aug 2015 11:50

Tgt Ion: 178 Resp: 1807
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 16.2 12.6 18.8





#23

Anthracene

Concen: 0.74 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

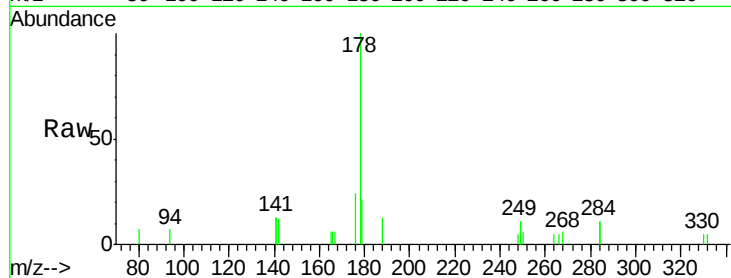
Tgt Ion:178 Resp: 1544

Ion Ratio Lower Upper

178 100

176 21.0 15.1 22.7

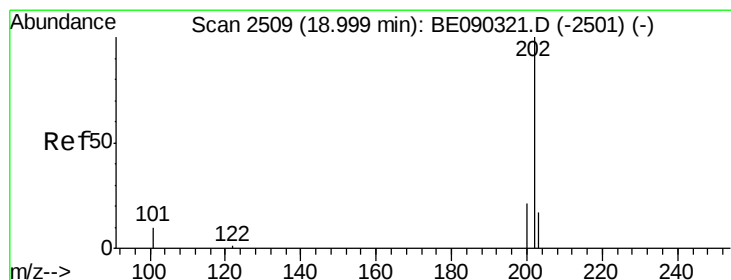
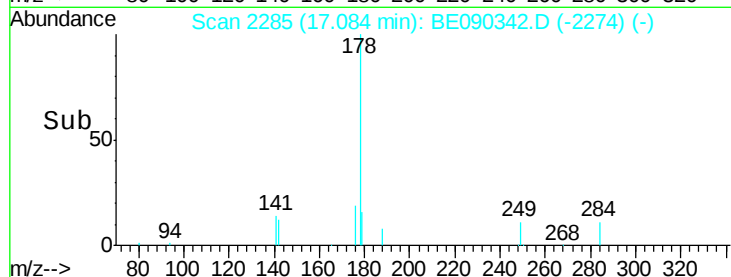
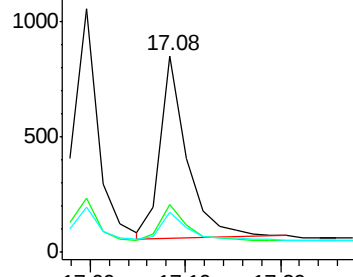
179 16.3 12.1 18.1



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



#24

Fluoranthene

Concen: 0.76 ng

RT: 19.00 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

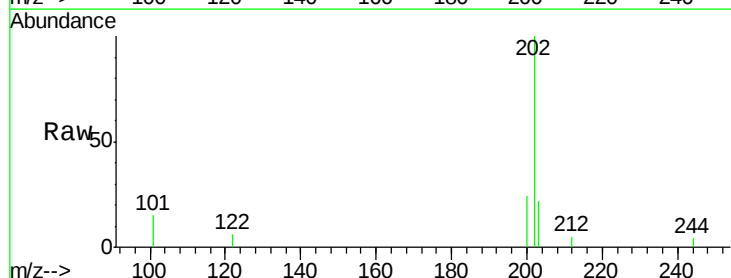
Tgt Ion:202 Resp: 1774

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

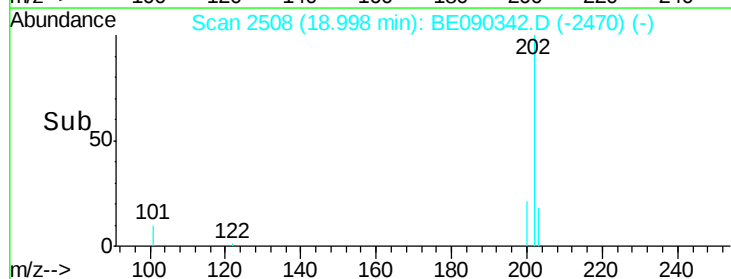
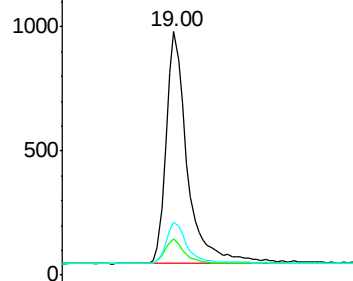
203 17.3 13.8 20.8

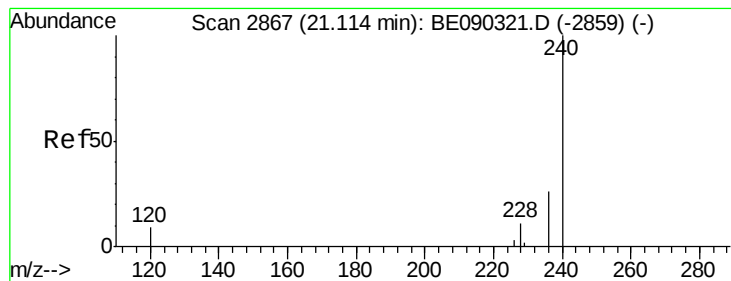


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

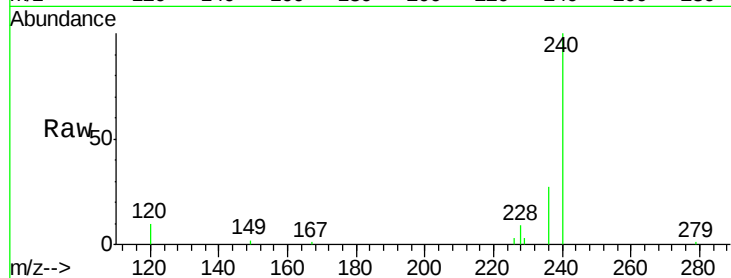
Tgt Ion:240 Resp: 7588

Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

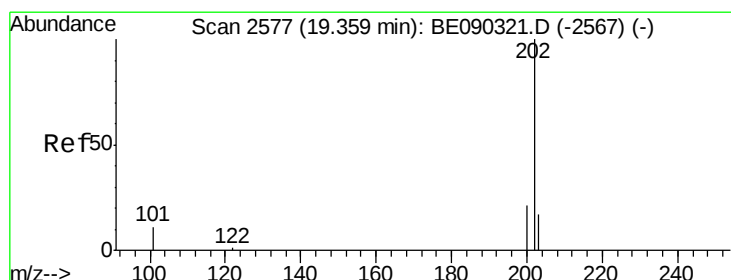
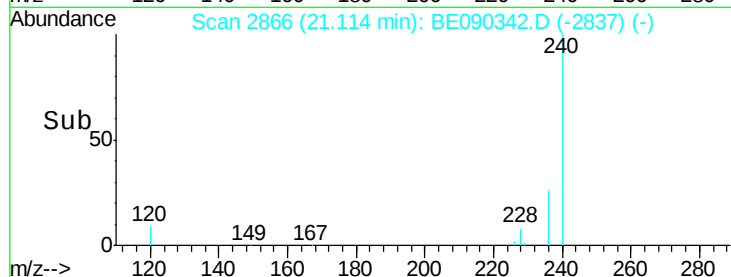
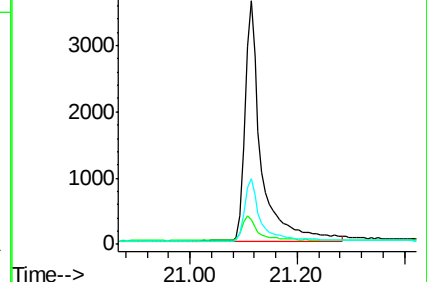
236 26.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.87 ng

RT: 19.36 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

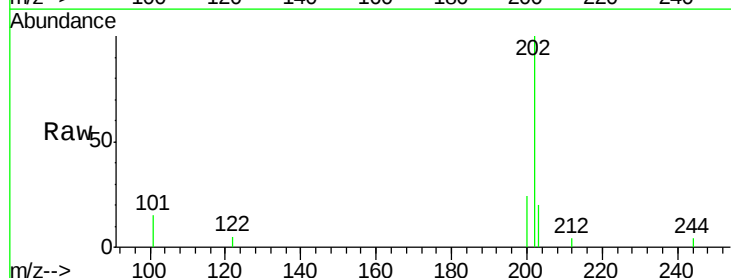
Tgt Ion:202 Resp: 1776

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

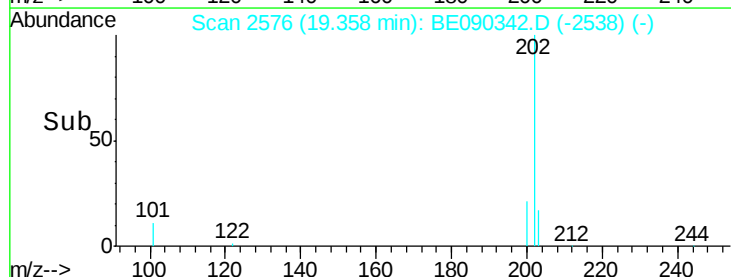
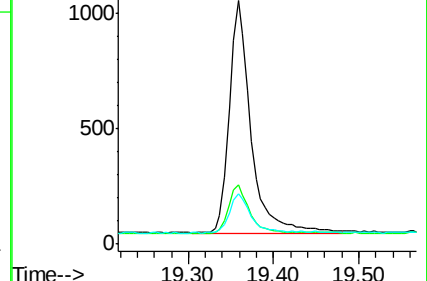
203 17.0 13.8 20.6

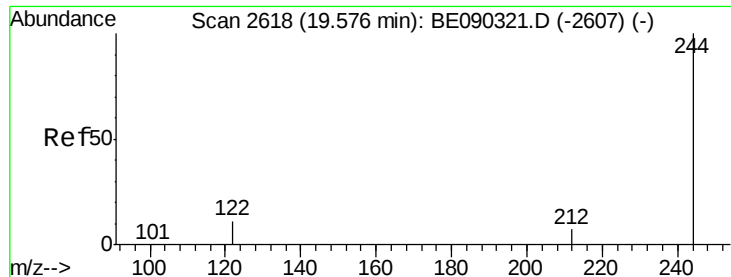


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

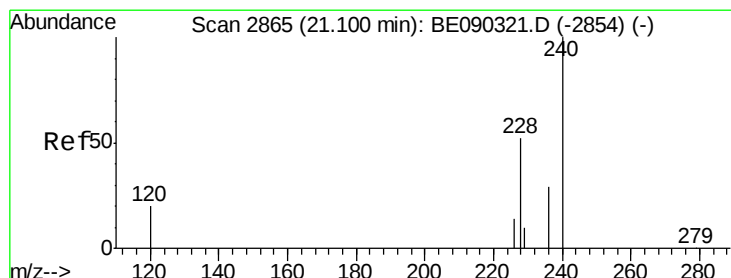
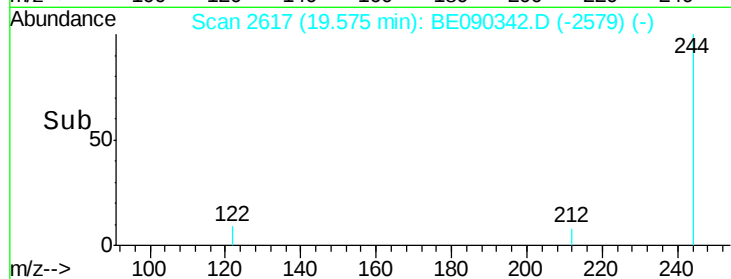
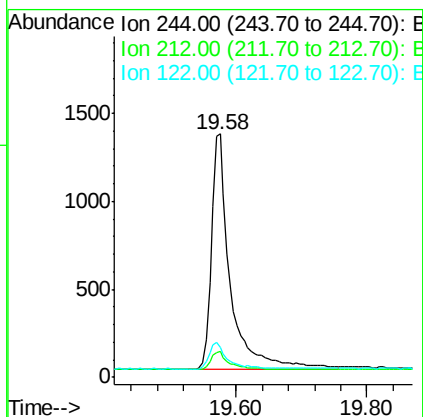
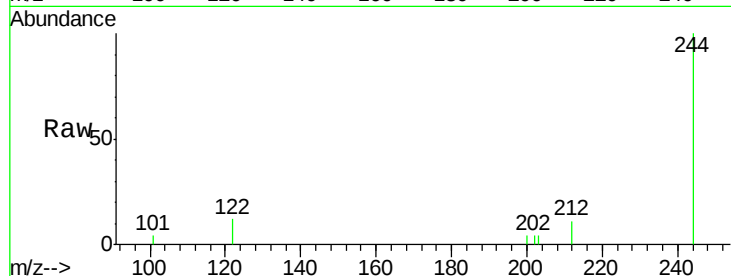




#27
 Terphenyl-d14
 Concen: 1.92 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090342.D
 Acq: 4 Aug 2015 11:50

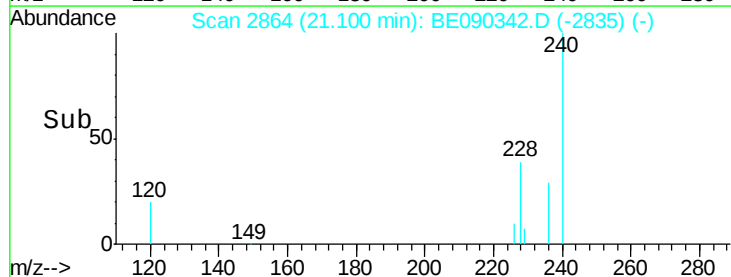
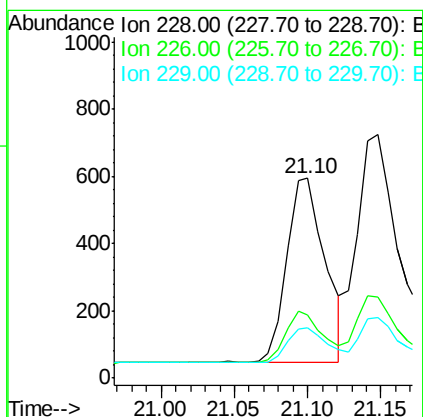
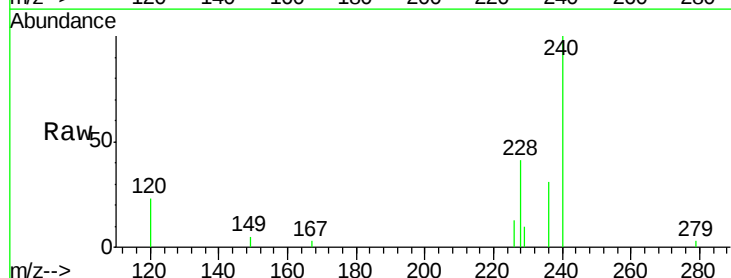
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

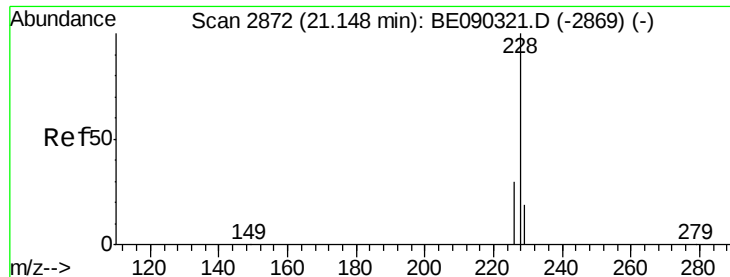
Tgt Ion: 244 Resp: 2722
 Ion Ratio Lower Upper
 244 100
 212 10.8 7.4 11.2
 122 12.3 10.4 15.6



#28
 Benzo(a)anthracene
 Concen: 0.70 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090342.D
 Acq: 4 Aug 2015 11:50

Tgt Ion: 228 Resp: 1004
 Ion Ratio Lower Upper
 228 100
 226 31.6 23.0 34.4
 229 25.4 17.4 26.2





#29

Chrysene

Concen: 0.87 ng

RT: 21.15 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

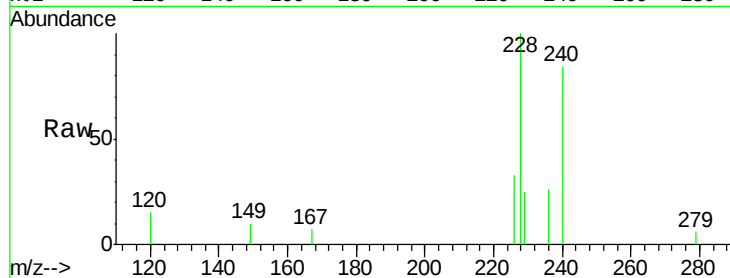
Tgt Ion:228 Resp: 1586

Ion Ratio Lower Upper

228 100

226 33.2 24.9 37.3

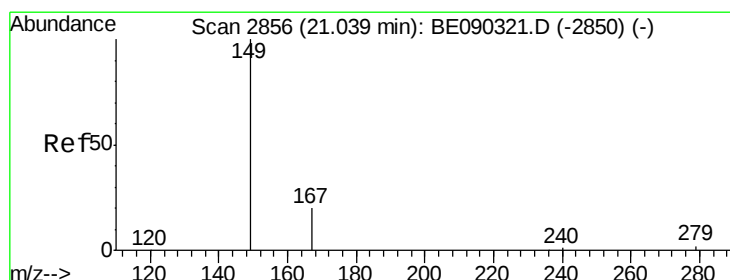
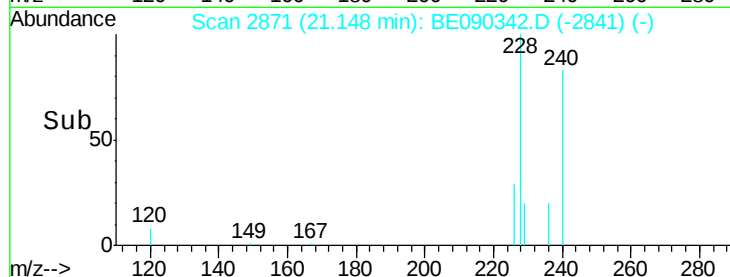
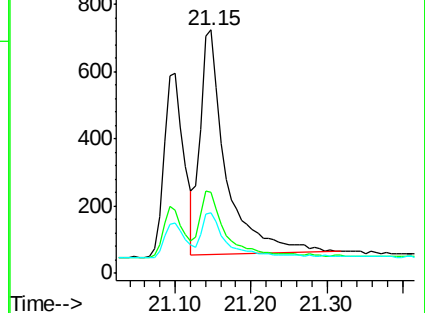
229 24.8 16.6 25.0



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: 0.99 ng

RT: 21.04 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

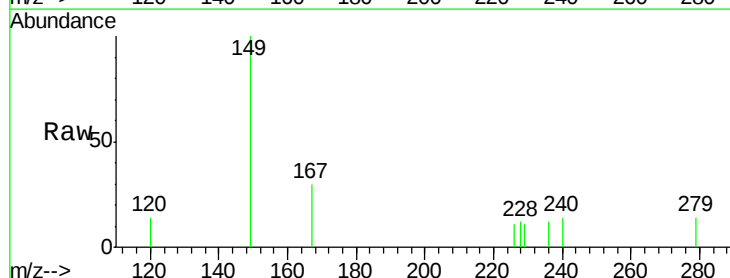
Tgt Ion:149 Resp: 429

Ion Ratio Lower Upper

149 100

167 23.1 16.6 24.8

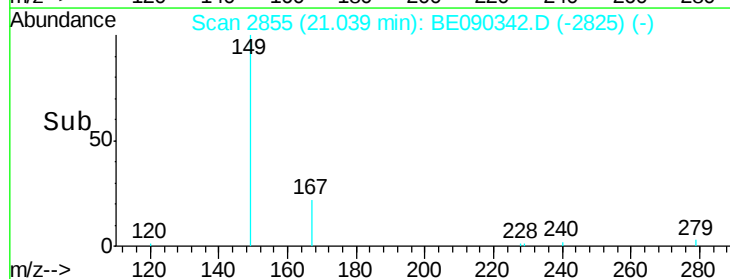
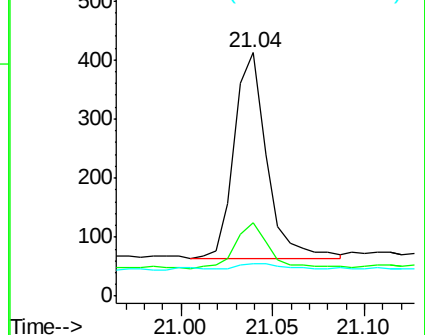
279 3.7 2.7 4.1

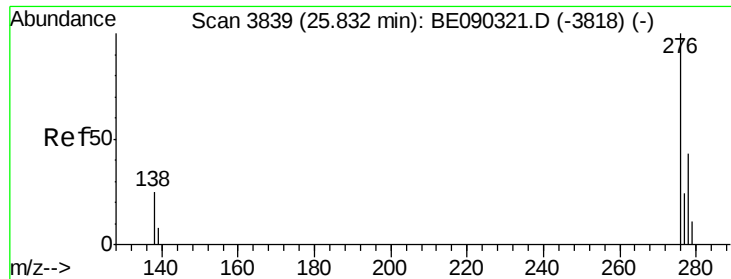


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.18 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

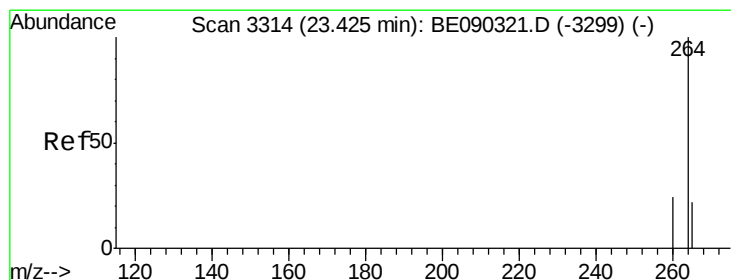
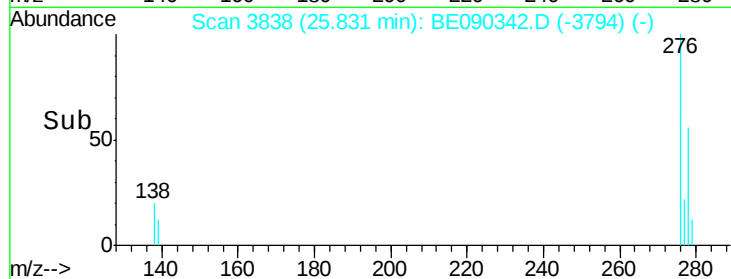
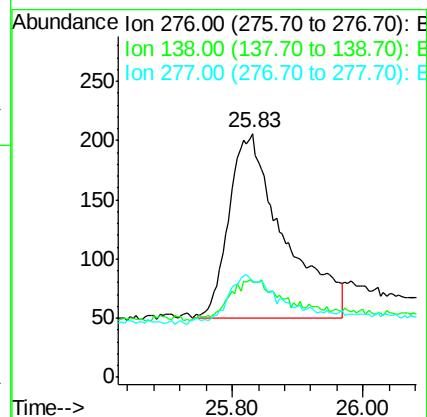
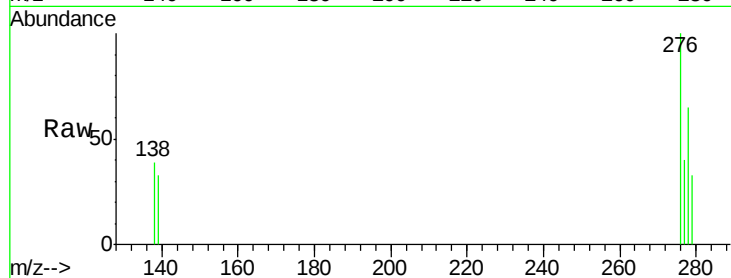
Tgt Ion:276 Resp: 913

Ion Ratio Lower Upper

276 100

138 8.0 10.6 16.0#

277 20.6 14.6 22.0



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

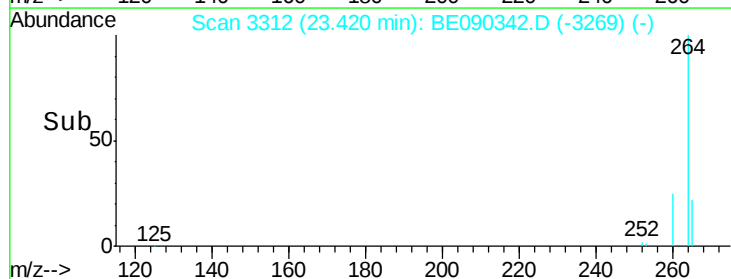
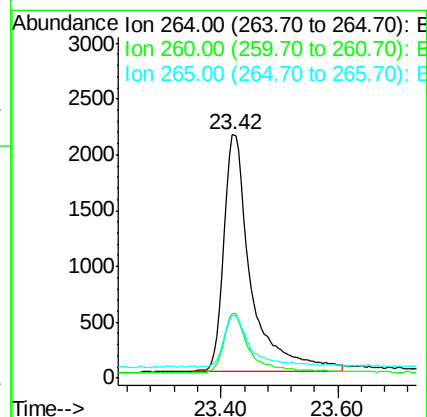
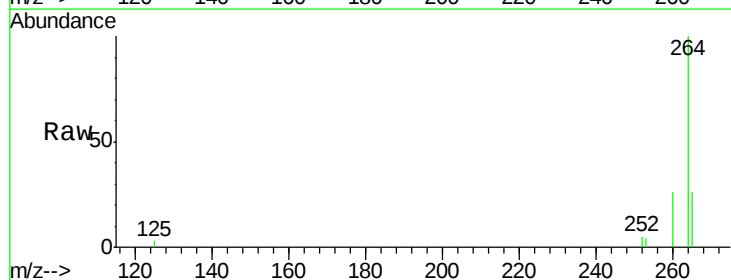
Tgt Ion:264 Resp: 6763

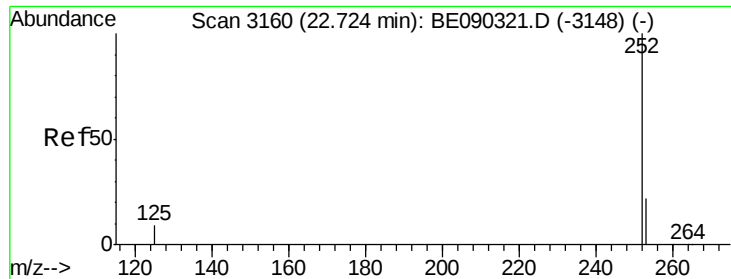
Ion Ratio Lower Upper

264 100

260 26.3 20.1 30.1

265 25.8 18.6 28.0





#33

Benzo(b)fluoranthene

Concen: 0.95 ng

RT: 22.72 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

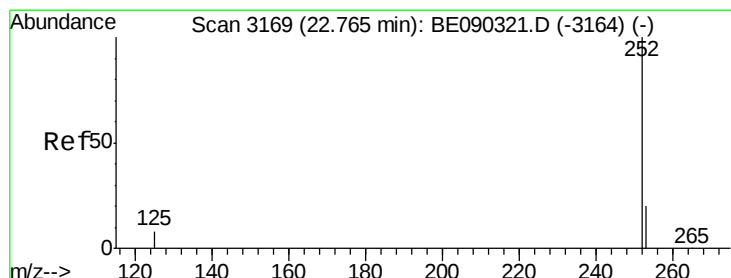
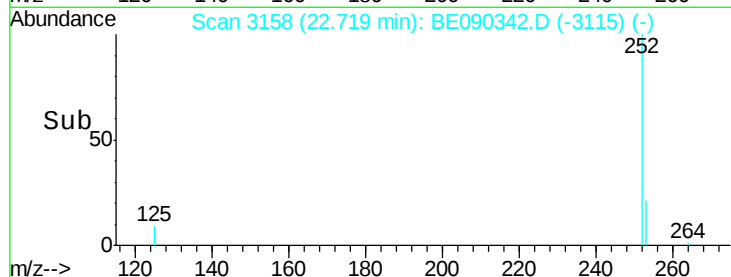
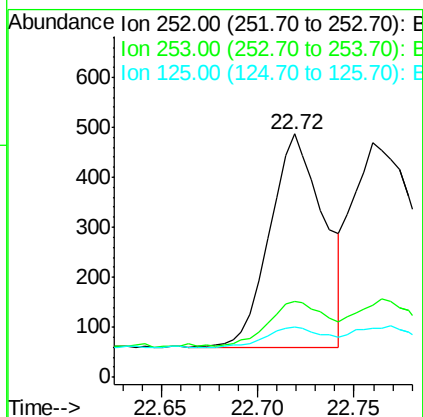
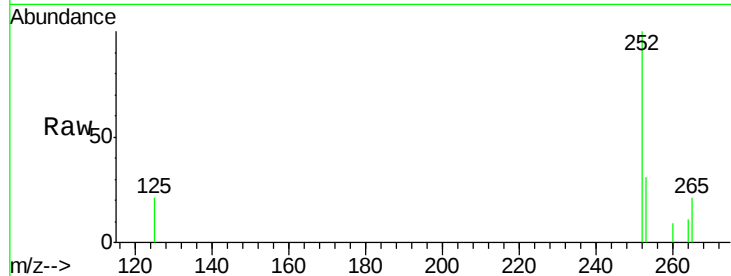
Tgt Ion:252 Resp: 835

Ion Ratio Lower Upper

252 100

253 31.0 21.5 32.3

125 20.5 11.8 17.8#



#34

Benzo(k)fluoranthene

Concen: 0.72 ng

RT: 22.76 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

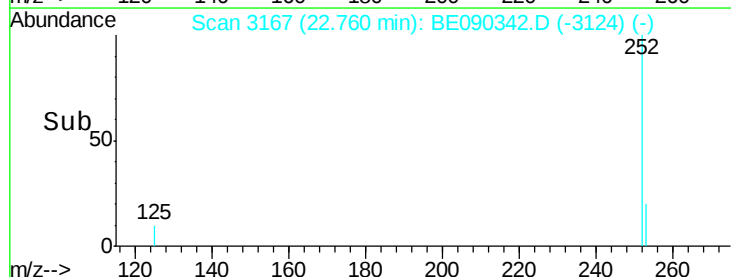
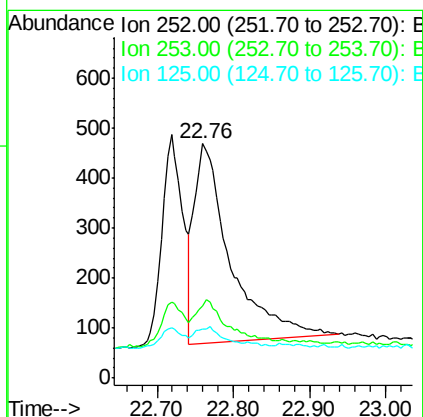
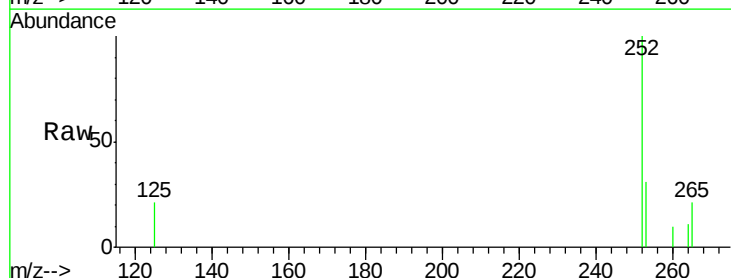
Tgt Ion:252 Resp: 1316

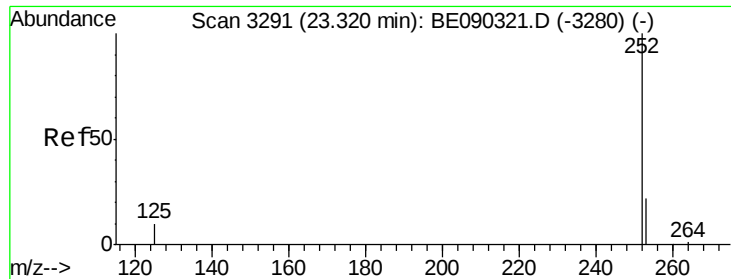
Ion Ratio Lower Upper

252 100

253 30.9 19.9 29.9#

125 20.7 11.2 16.8#





#35

Benzo(a)pyrene

Concen: 0.95 ng

RT: 23.32 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

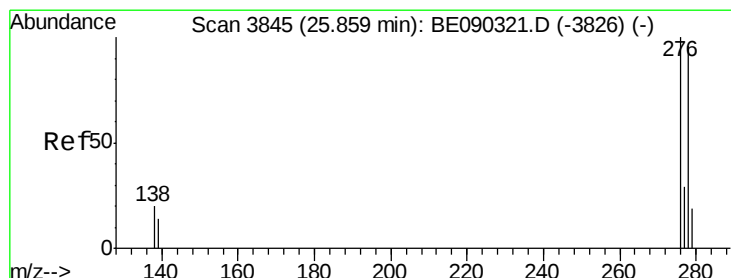
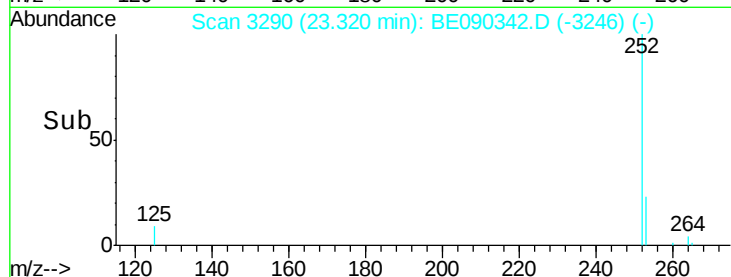
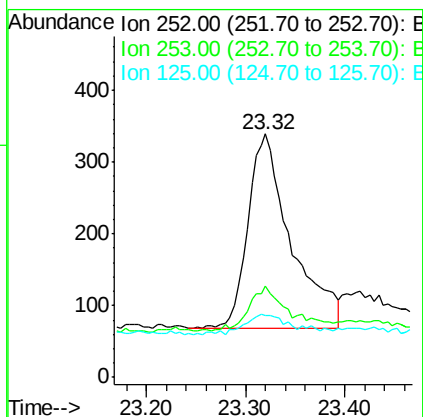
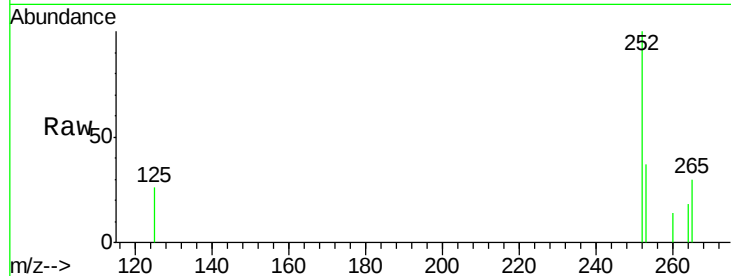
Tgt Ion:252 Resp: 822

Ion Ratio Lower Upper

252 100

253 37.5 23.0 34.4#

125 25.7 14.2 21.2#



#36

Dibenzo(a,h)anthracene

Concen: 0.93 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BE090342.D

Acq: 4 Aug 2015 11:50

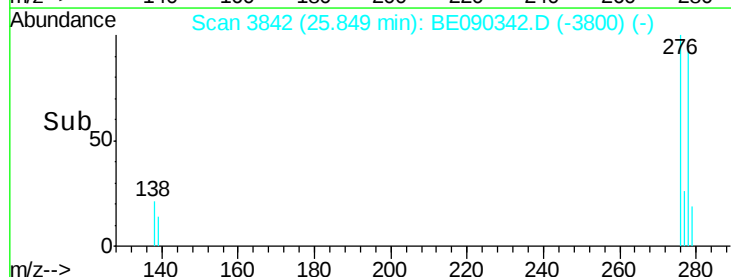
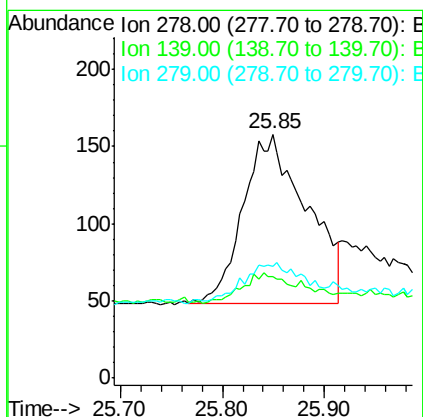
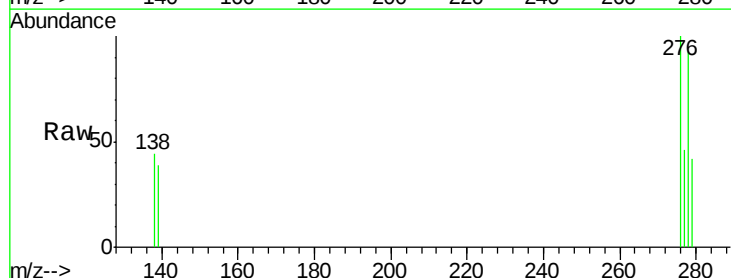
Tgt Ion:278 Resp: 475

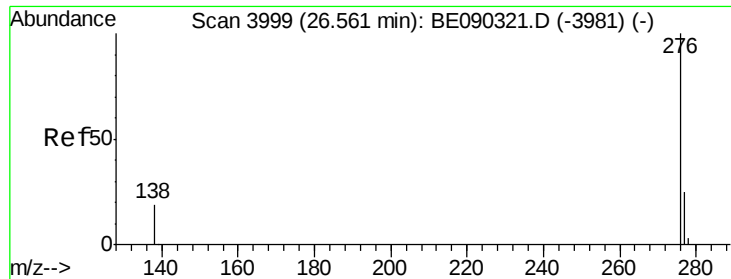
Ion Ratio Lower Upper

278 100

139 41.8 27.8 41.6#

279 45.6 30.9 46.3





#37

Benzo(g,h,i)perylene

Concen: 1.00 ng

RT: 26.55 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BE090342.D

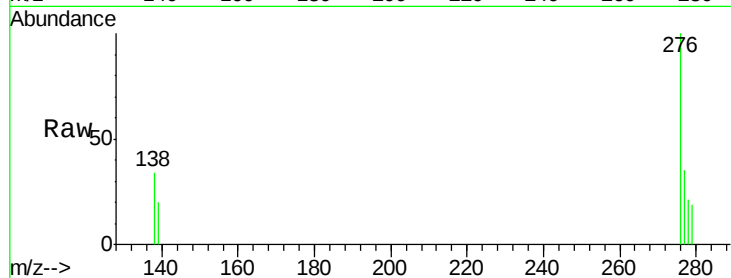
Acq: 4 Aug 2015 11:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



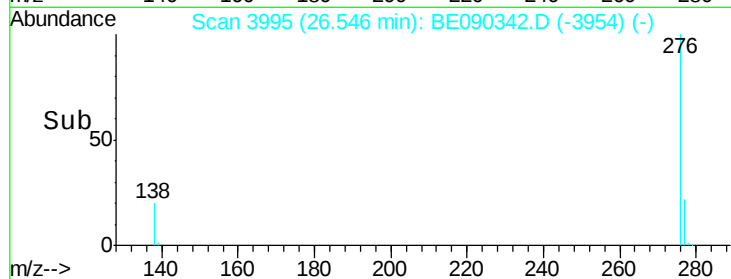
Tgt Ion: 276 Resp: 995

Ion Ratio Lower Upper

276 100

277 35.2 25.6 38.4

138 34.1 22.0 33.0#



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

