

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
 Data File : BE090325.D
 Acq On : 4 Aug 2015 00:51
 Operator : TP/UM
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080315

Quant Time: Aug 04 02:30:03 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	8465	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	34342	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	17924	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	37503	5.00	ng	0.00
25) Chrysene-d12	21.11	240	31857	5.00	ng	0.00
32) Perylene-d12	23.42	264	25877	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1637	1.01	ng	0.00
5) Phenol-d6	6.78	99	1893	0.95	ng	0.00
7) Nitrobenzene-d5	8.74	82	1967	0.97	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	211	1.02	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	5325	1.02	ng	0.00
27) Terphenyl-d14	19.57	244	6265	1.05	ng	0.00

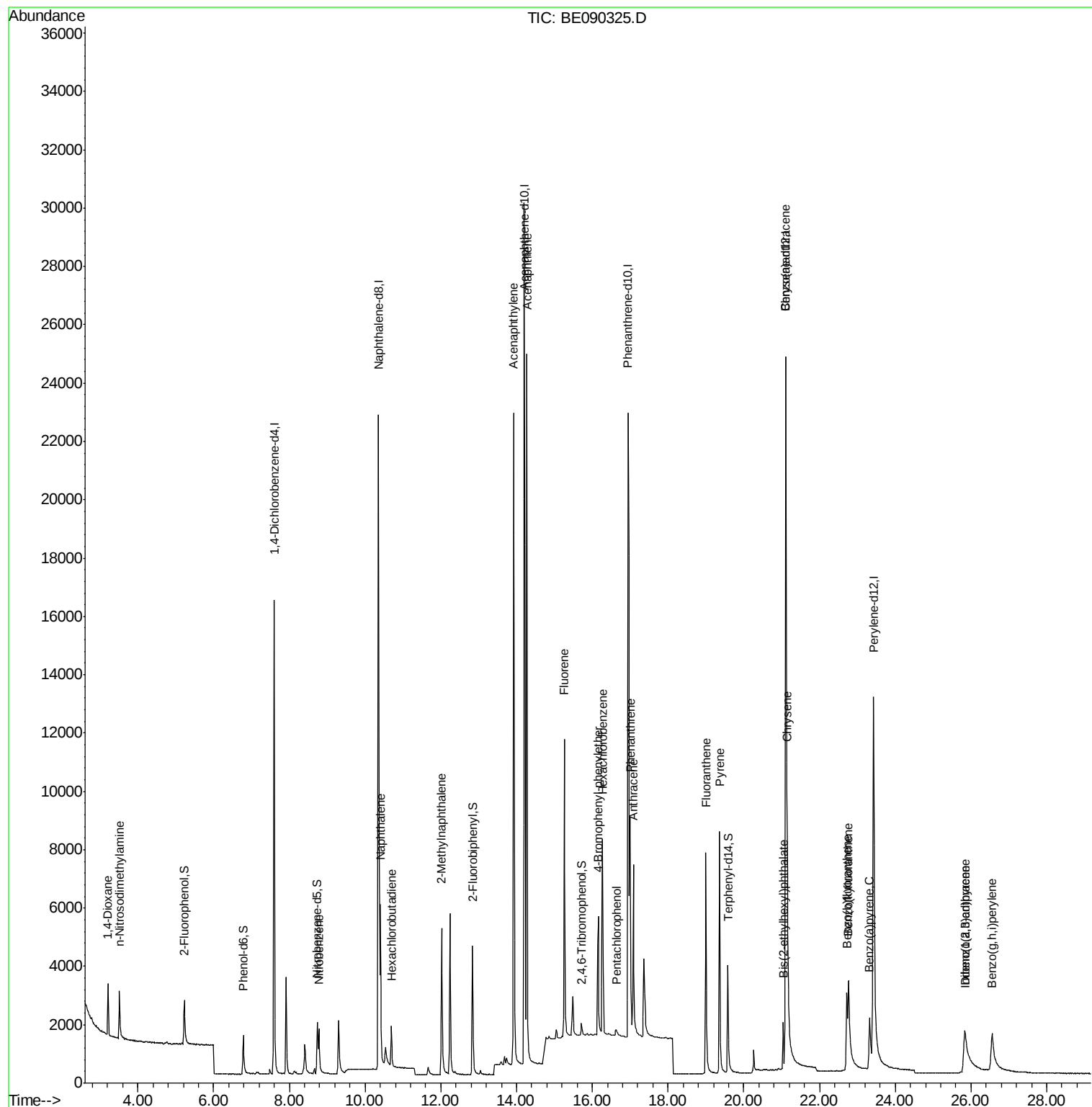
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	1506	1.37	ng	89
3) n-Nitrosodimethylamine	3.51	42	1353	0.95	ng	# 98
8) Nitrobenzene	8.78	77	1953	0.93	ng	97
9) Naphthalene	10.40	128	7346	1.00	ng	99
10) Hexachlorobutadiene	10.69	225	1012	1.02	ng	98
11) 2-Methylnaphthalene	12.02	142	4773	1.05	ng	97
15) Acenaphthylene	13.93	152	31737	1.01	ng	100
16) Acenaphthene	14.27	154	4471	0.99	ng	98
17) Fluorene	15.26	166	5387	0.98	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	1461	1.04	ng	97
20) Hexachlorobenzene	16.27	284	5483	1.03	ng	97
21) Pentachlorophenol	16.63	266	212	0.95	ng	95
22) Phenanthrene	17.00	178	8540	1.00	ng	100
23) Anthracene	17.08	178	7524	0.99	ng	100
24) Fluoranthene	19.00	202	8877	1.03	ng	100
26) Pyrene	19.36	202	8955	1.04	ng	100
28) Benzo(a)anthracene	21.10	228	6253	1.03	ng	97
29) Chrysene	21.15	228	9125	1.22	ng	98
30) Bis(2-ethylhexyl)phthalate	21.04	149	1670	0.94	ng	98
31) Indeno(1,2,3-cd)pyrene	25.82	276	4563	1.36	ng	# 88
33) Benzo(b)fluoranthene	22.72	252	4403	1.17	ng	94
34) Benzo(k)fluoranthene	22.76	252	7998	1.14	ng	95
35) Benzo(a)pyrene	23.32	252	4346	1.19	ng	94
36) Dibenzo(a,h)anthracene	25.85	278	2762	1.28	ng	# 82
37) Benzo(g,h,i)perylene	26.56	276	4916	1.22	ng	93

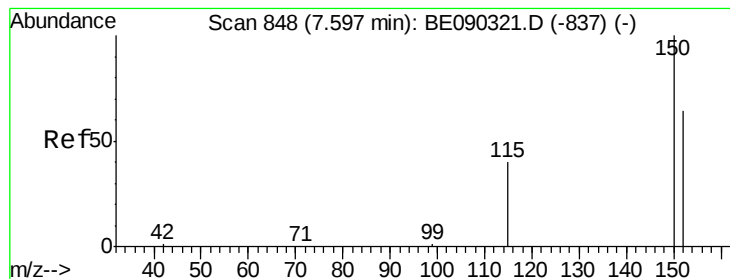
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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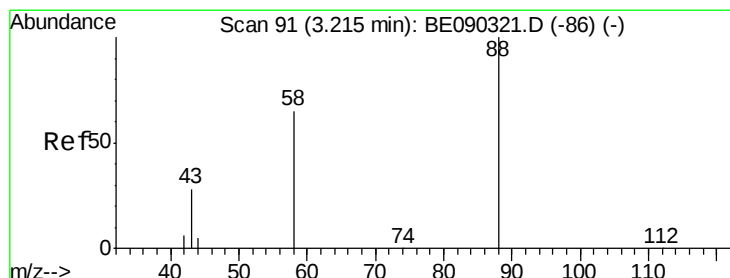
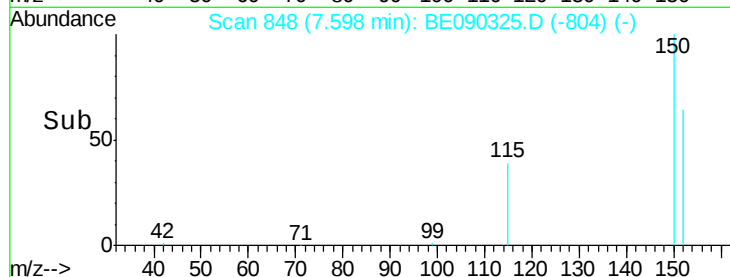
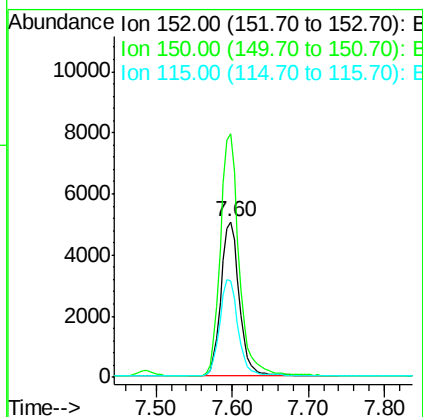
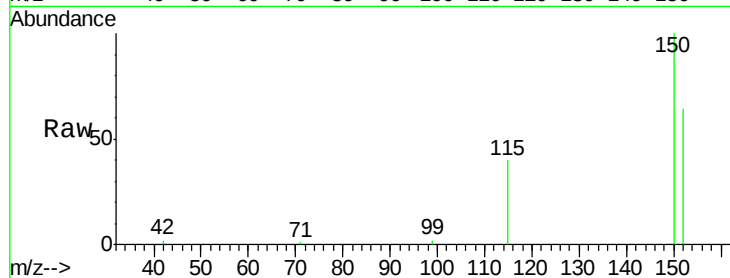


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 848
Delta R.T. 0.00 min
Lab File: BE090325.D
Acq: 4 Aug 2015 00:51

Instrument :
BNA_E
ClientSampleId :
ICVBE080315

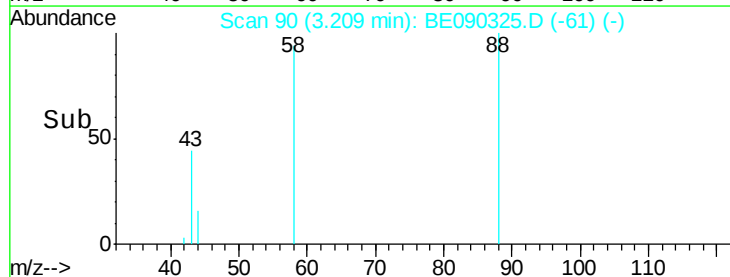
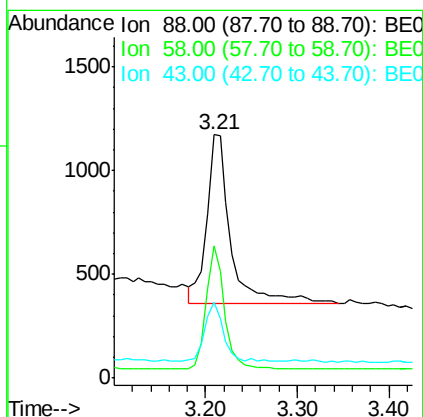
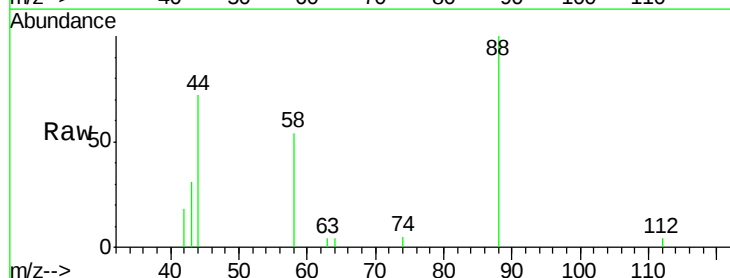
Tot Ion:152 Resp: 8465
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 62.1 50.4 75.6

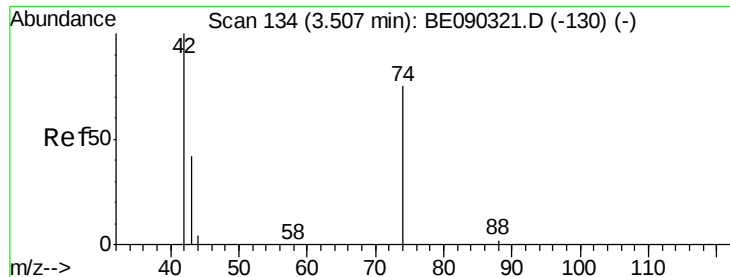


#2

1,4-Dioxane
Concen: 1.37 ng
RT: 3.21 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE090325.D
Acq: 4 Aug 2015 00:51

Tgt Ion: 88 Resp: 1506
Ion Ratio Lower Upper
88 100
58 53.2 50.2 75.2
43 26.1 25.0 37.6



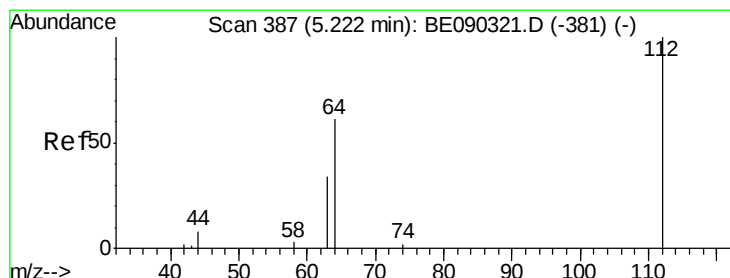
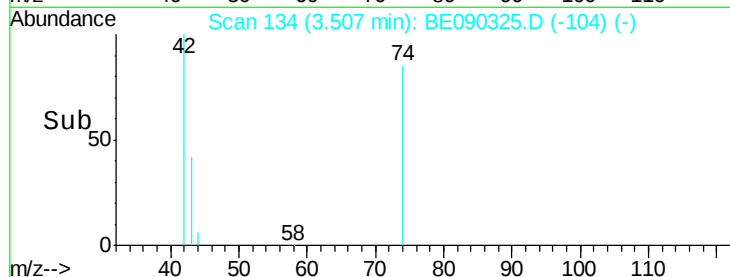
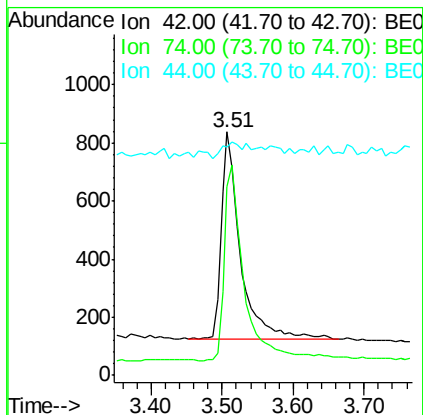
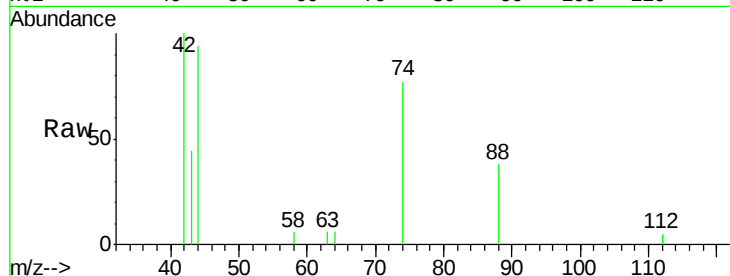


#3

n-Nitrosodimethylamine
 Concen: 0.95 ng
 RT: 3.51 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BE090325.D
 Acq: 4 Aug 2015 00:51

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080315

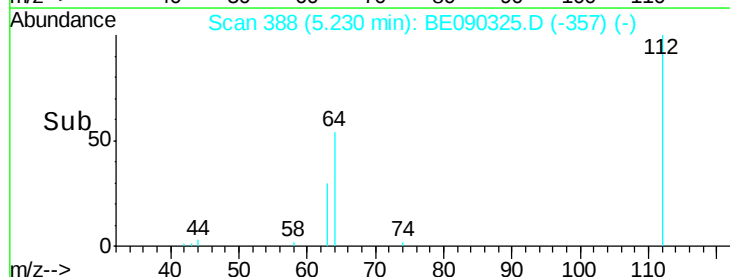
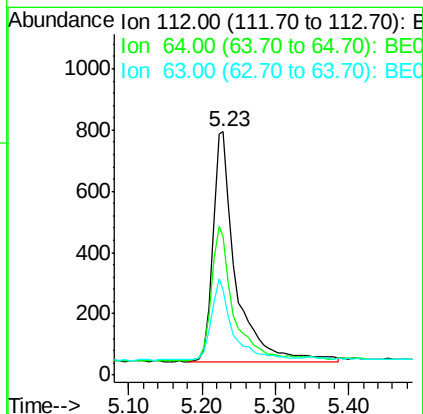
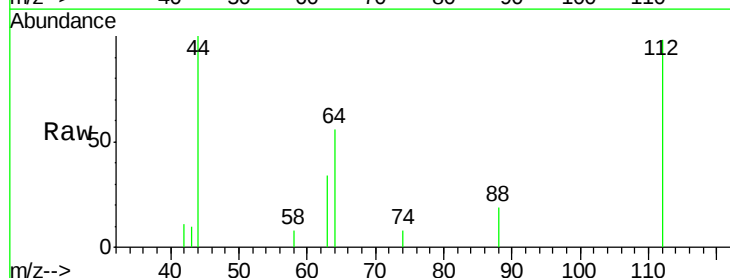
Tot Ion: 42 Resp: 1353
 Ion Ratio Lower Upper
 42 100
 74 93.0 73.2 109.8
 44 7.4 3.8 5.6#

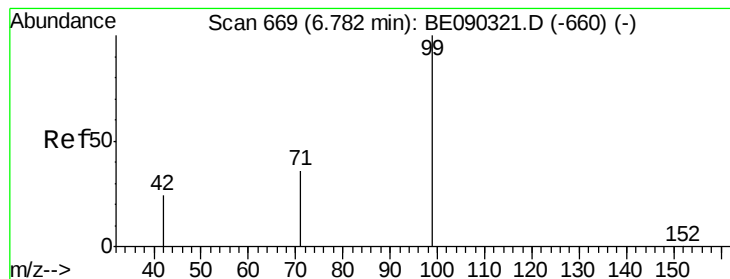


#4

2-Fluorophenol
 Concen: 1.01 ng
 RT: 5.23 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: BE090325.D
 Acq: 4 Aug 2015 00:51

Tgt Ion: 112 Resp: 1637
 Ion Ratio Lower Upper
 112 100
 64 56.8 49.0 73.4
 63 32.6 27.7 41.5





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

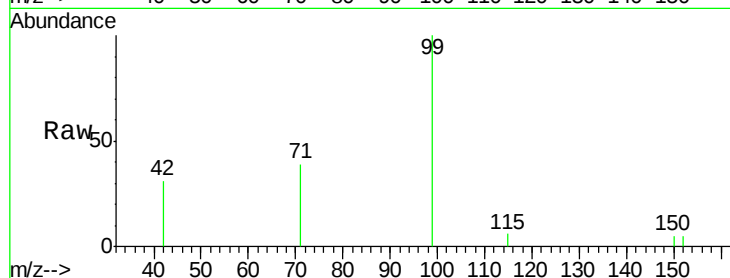
Tot Ion: 99 Resp: 1893

Ion Ratio Lower Upper

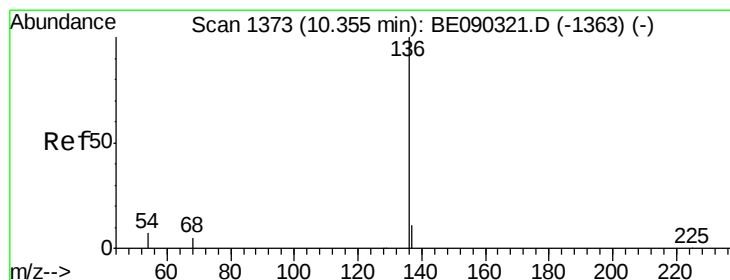
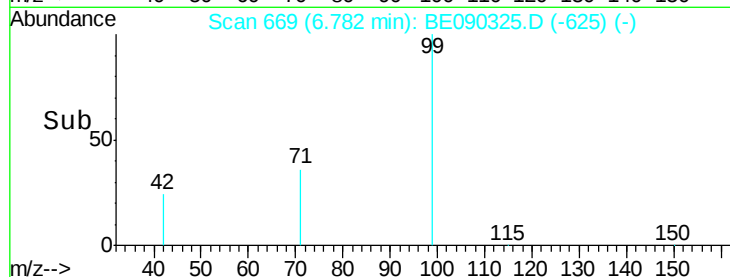
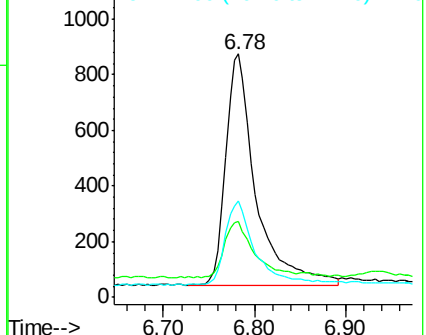
99 100

42 24.1 22.2 33.2

71 36.2 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: BE090325.D

Acq: 4 Aug 2015 00:51

Tgt Ion: 136 Resp: 34342

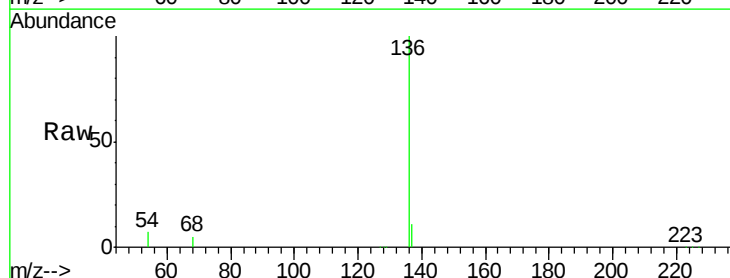
Ion Ratio Lower Upper

136 100

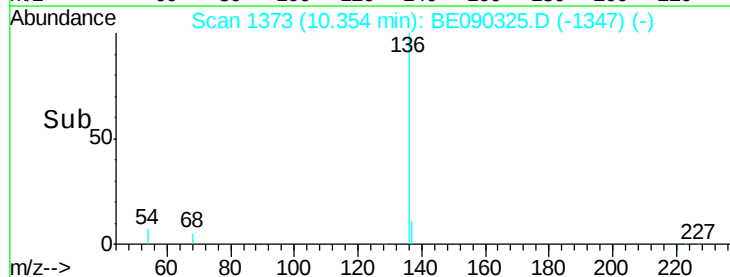
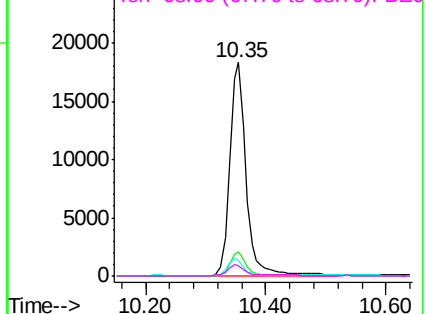
137 11.1 8.9 13.3

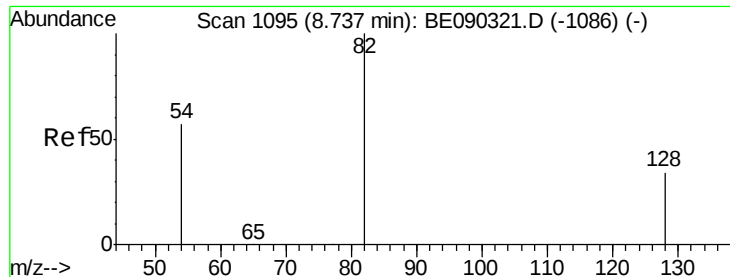
54 7.3 6.0 9.0

68 5.0 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: 0.97 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

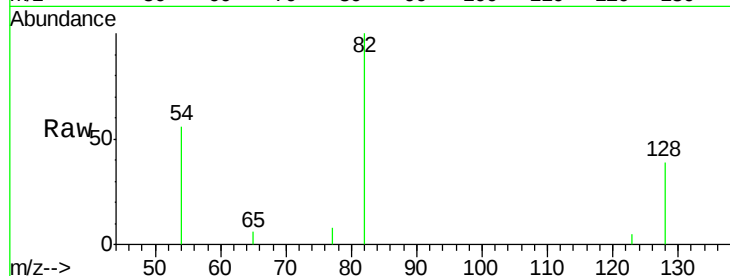
Tot Ion: 82 Resp: 1967

Ion Ratio Lower Upper

82 100

128 38.9 30.8 46.2

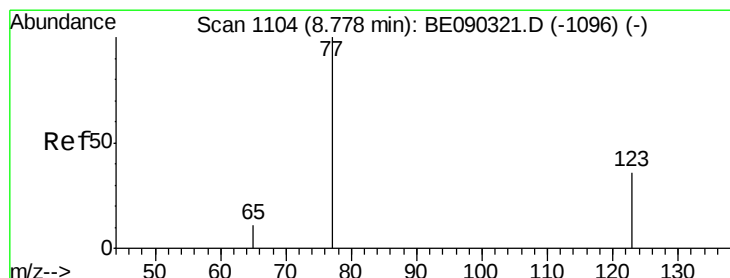
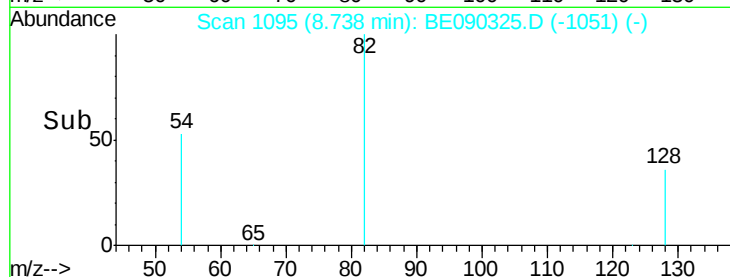
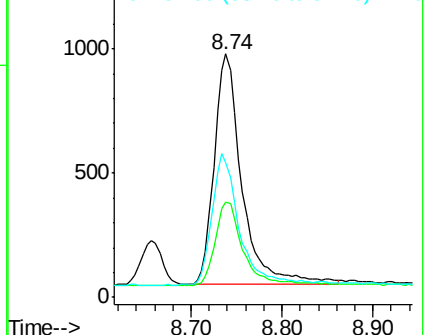
54 55.6 47.5 71.3



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: 0.93 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

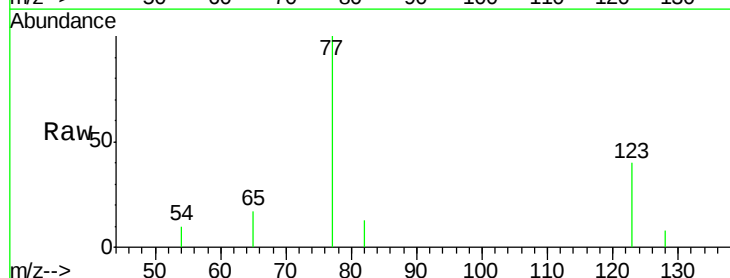
Tgt Ion: 77 Resp: 1953

Ion Ratio Lower Upper

77 100

123 39.0 29.6 44.4

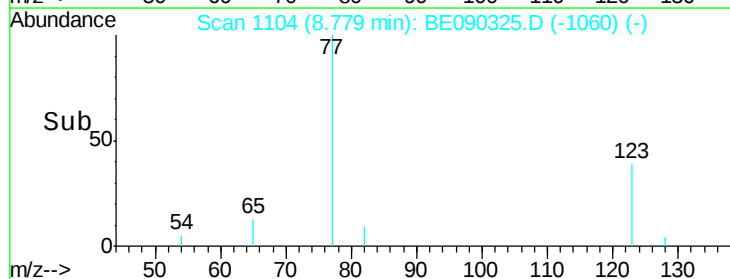
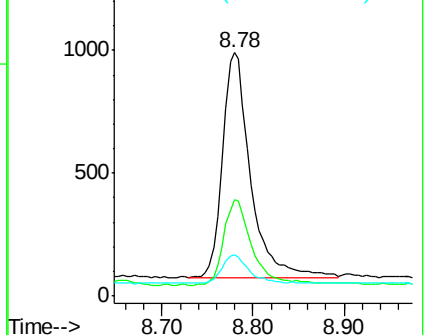
65 12.5 10.4 15.6



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: 1.00 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

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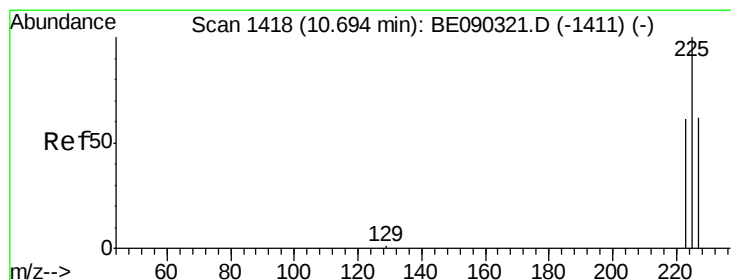
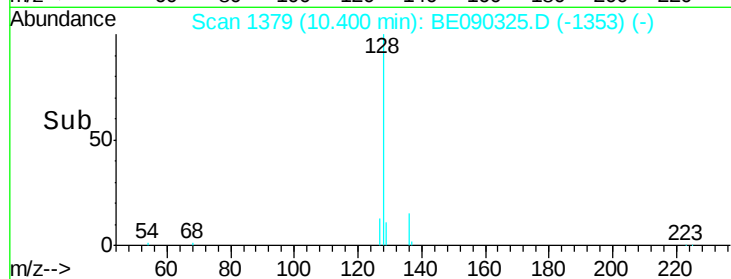
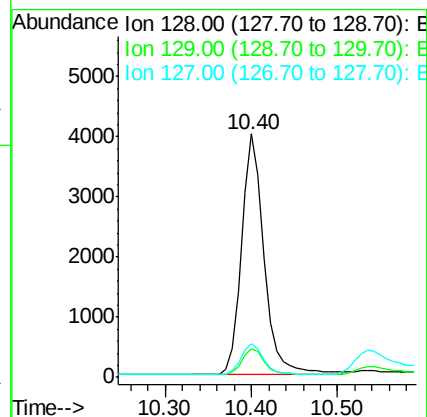
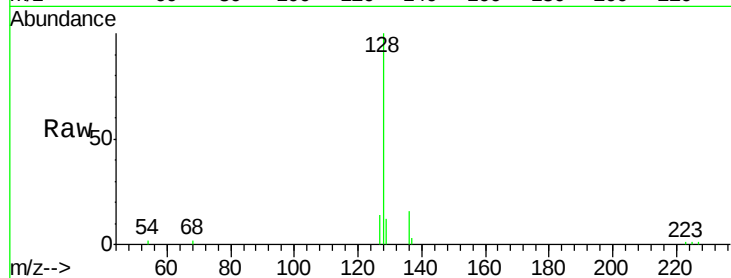
Tot Ion:128 Resp: 7346

Ion Ratio Lower Upper

128 100

129 11.8 10.1 15.1

127 14.1 11.3 16.9



#10

Hexachlorobutadiene

Concen: 1.02 ng

RT: 10.69 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

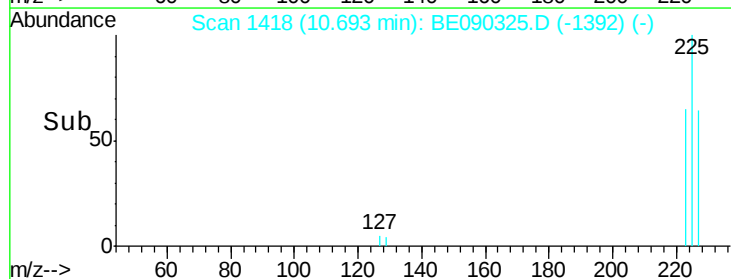
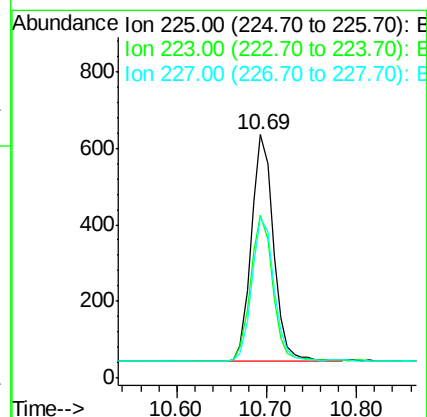
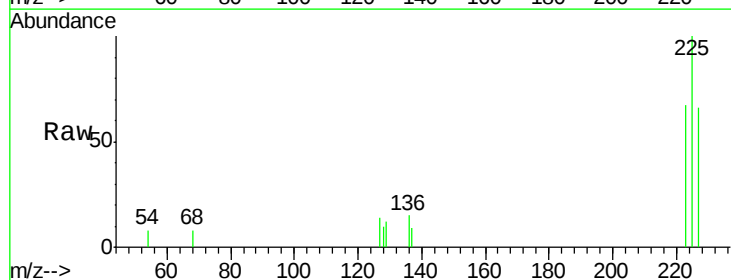
Tgt Ion:225 Resp: 1012

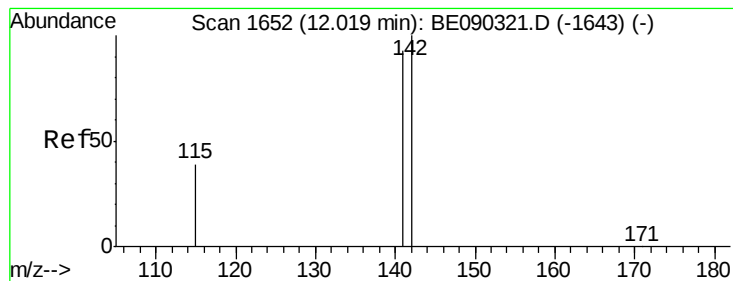
Ion Ratio Lower Upper

225 100

223 65.1 50.4 75.6

227 63.6 49.6 74.4





#11

2-Methylnaphthalene

Concen: 1.05 ng

RT: 12.02 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

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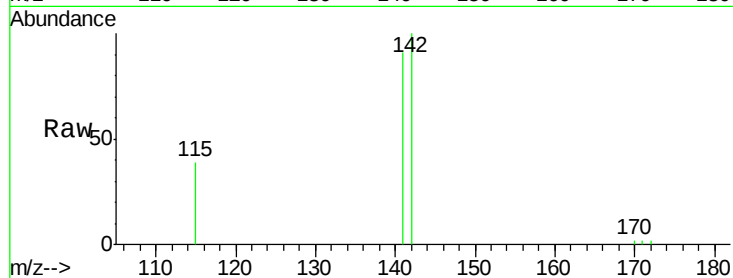
Tot Ion:142 Resp: 4773

Ion Ratio Lower Upper

142 100

141 90.7 74.6 112.0

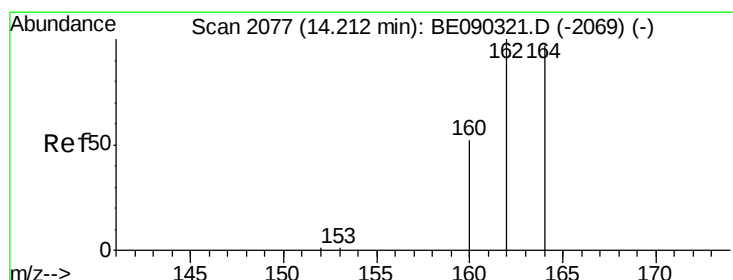
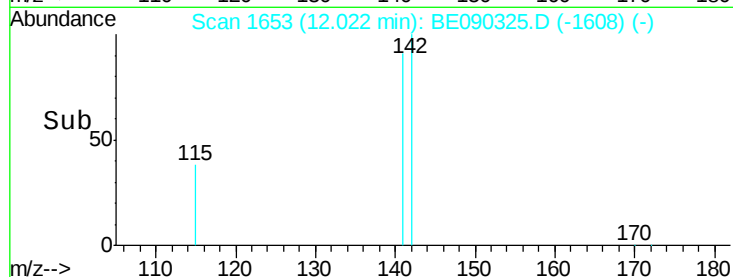
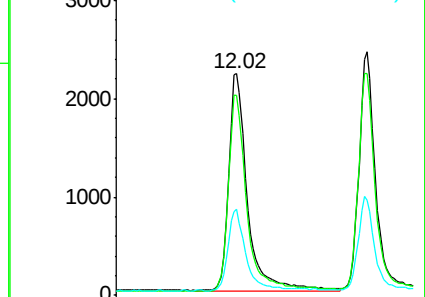
115 39.0 32.6 49.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

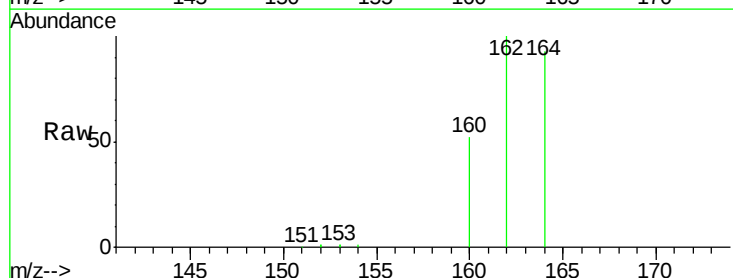
Tgt Ion:164 Resp: 17924

Ion Ratio Lower Upper

164 100

162 107.2 82.7 124.1

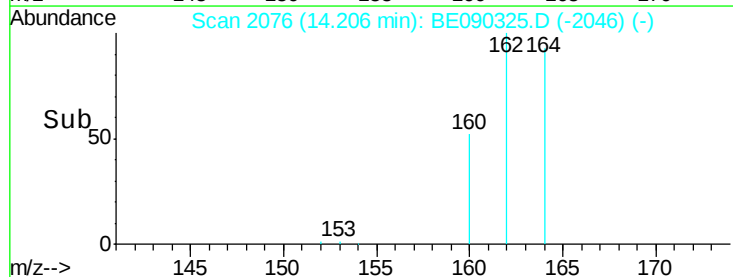
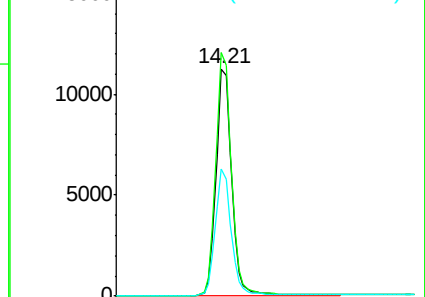
160 55.8 43.0 64.6

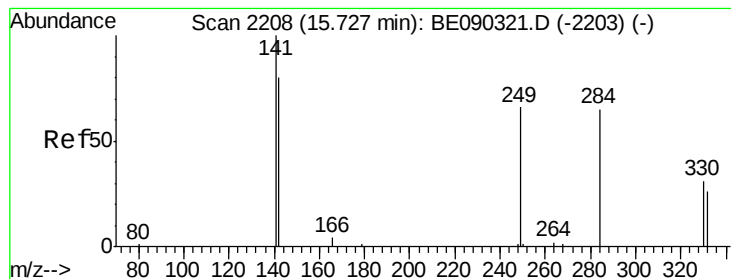


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 1.02 ng

RT: 15.73 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

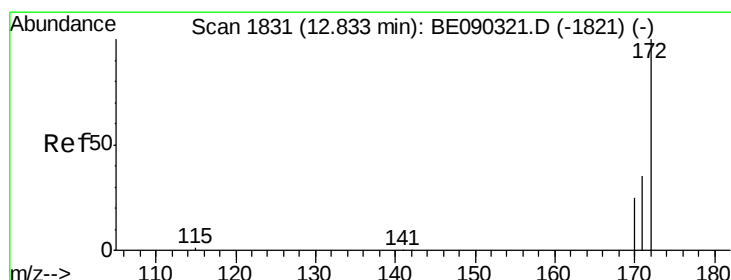
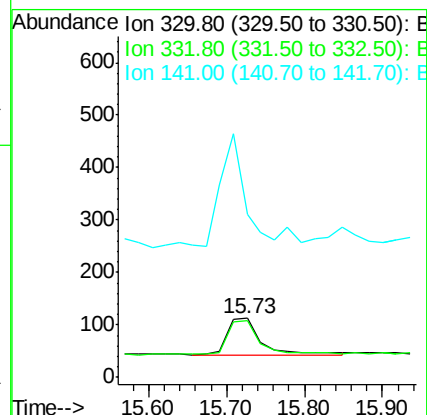
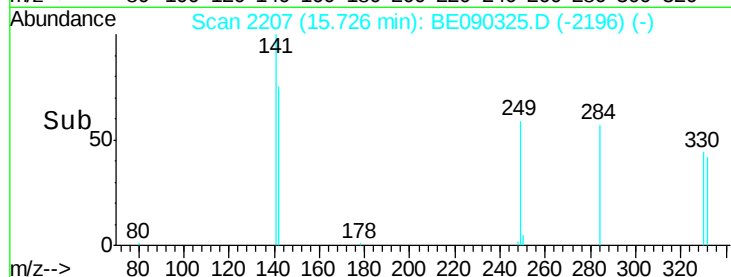
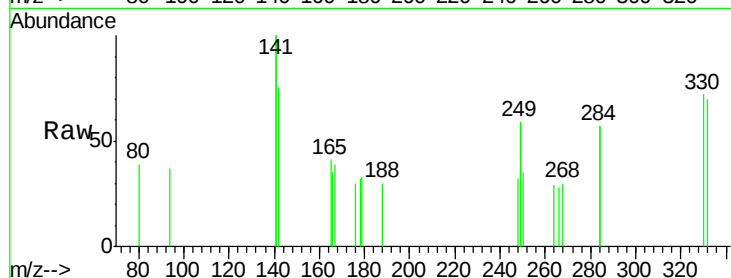
Tot Ion:330 Resp: 211

Ion Ratio Lower Upper

330 100

332 93.8 79.4 119.0

141 227.5 245.9 368.9#



#14

2-Fluorobiphenyl

Concen: 1.02 ng

RT: 12.83 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

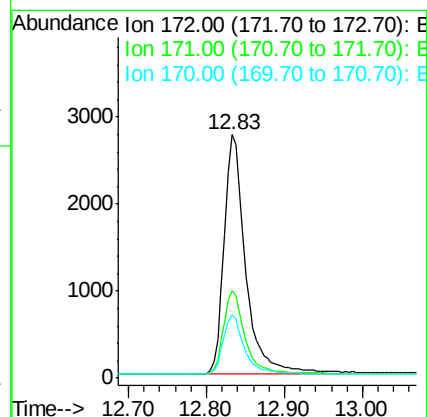
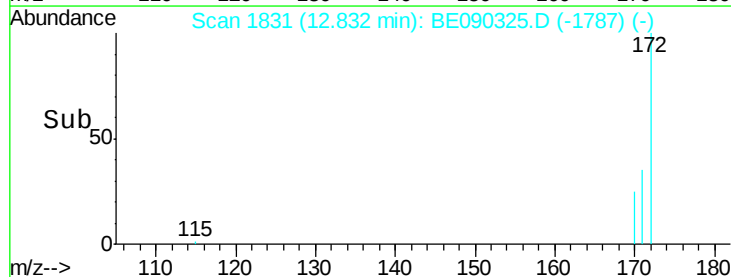
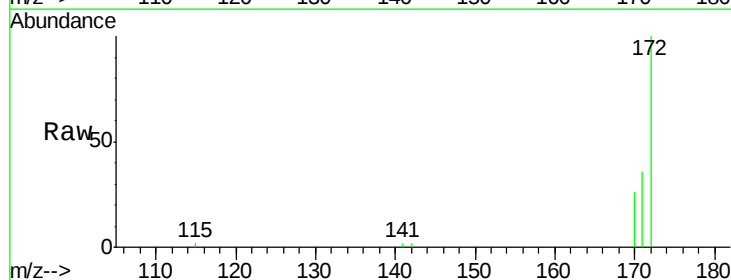
Tgt Ion:172 Resp: 5325

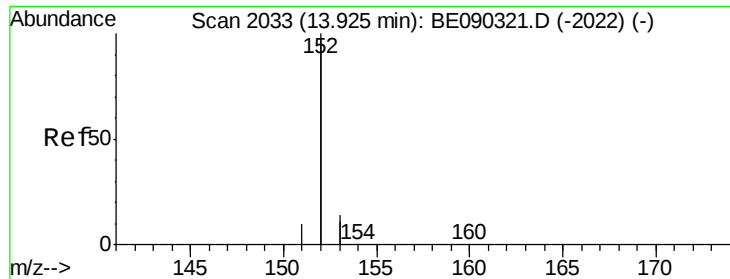
Ion Ratio Lower Upper

172 100

171 36.0 29.5 44.3

170 26.1 21.3 31.9





#15

Acenaphthylene

Concen: 1.01 ng

RT: 13.93 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

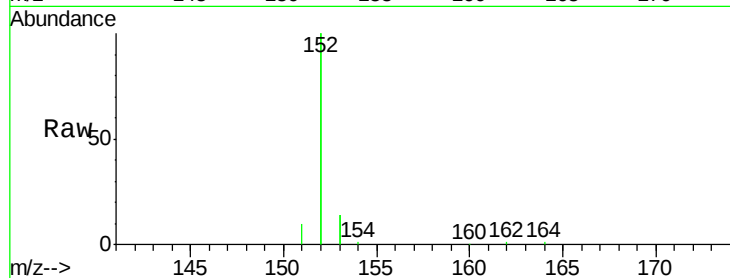
Tot Ion:152 Resp: 31737

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

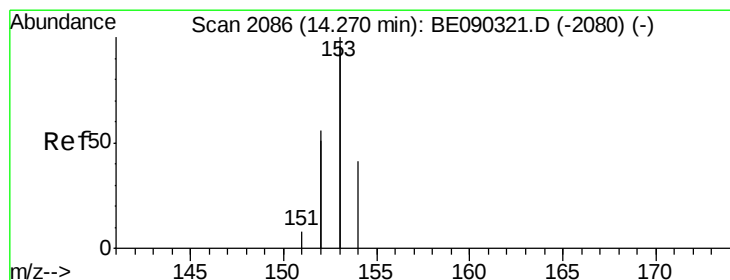
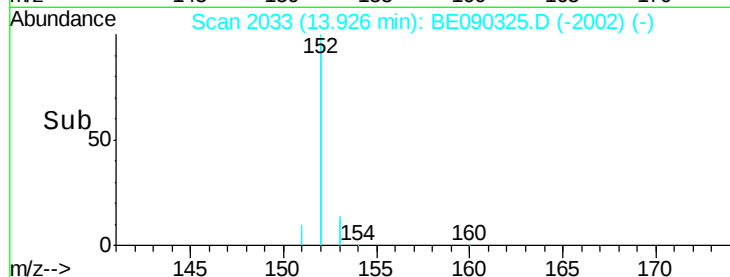
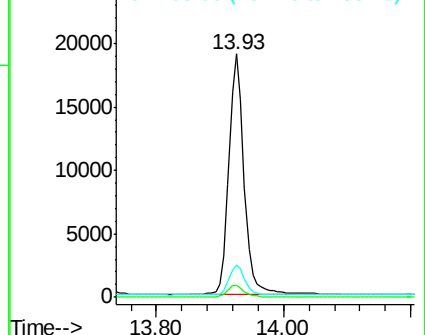
153 12.9 10.2 15.4



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



#16

Acenaphthene

Concen: 0.99 ng

RT: 14.27 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

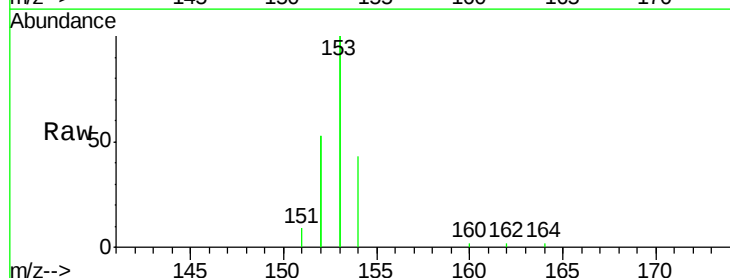
Tgt Ion:154 Resp: 4471

Ion Ratio Lower Upper

154 100

153 477.0 378.0 567.0

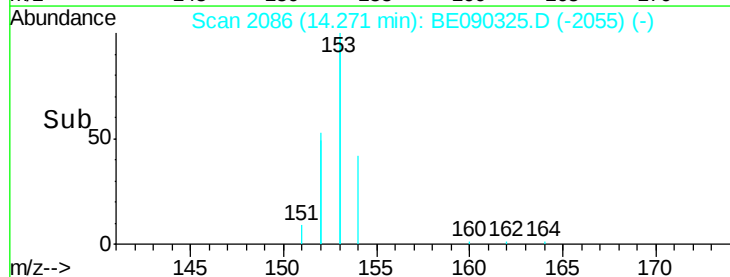
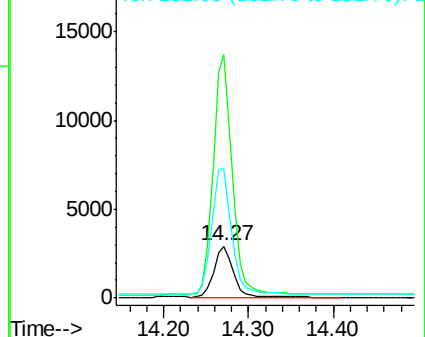
152 261.8 212.7 319.1

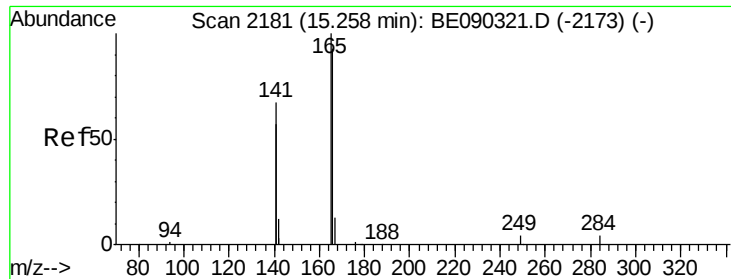


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.98 ng

RT: 15.26 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

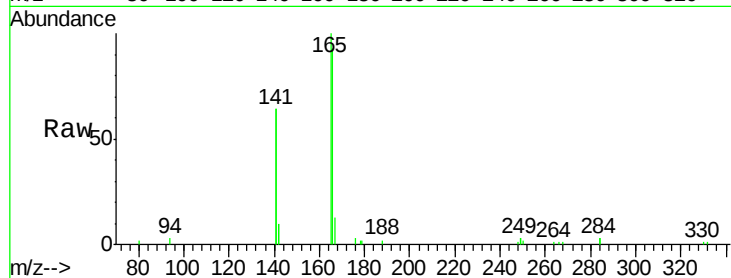
Tot Ion:166 Resp: 5387

Ion Ratio Lower Upper

166 100

165 102.5 82.6 123.8

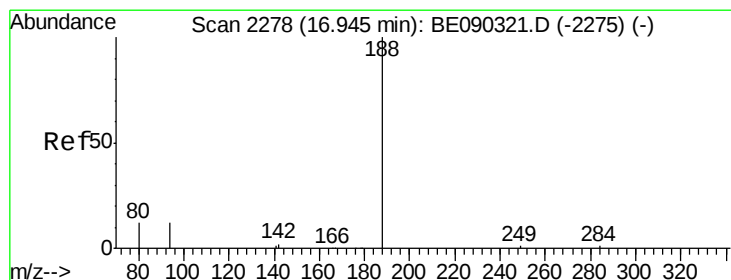
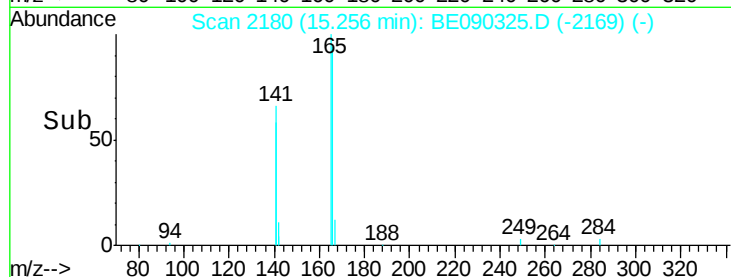
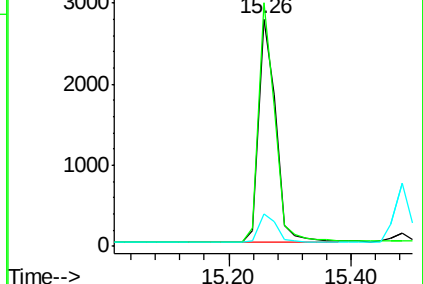
167 14.7 11.8 17.8



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: BE090325.D

Acq: 4 Aug 2015 00:51

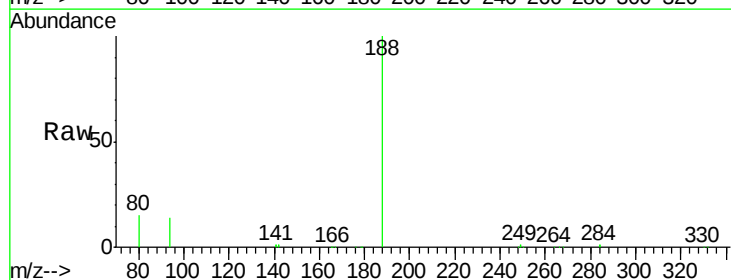
Tgt Ion:188 Resp: 37503

Ion Ratio Lower Upper

188 100

94 13.5 9.5 14.3

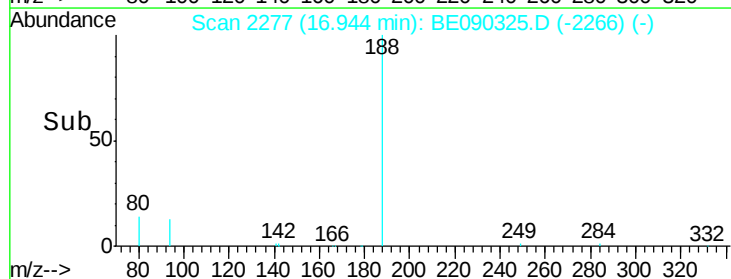
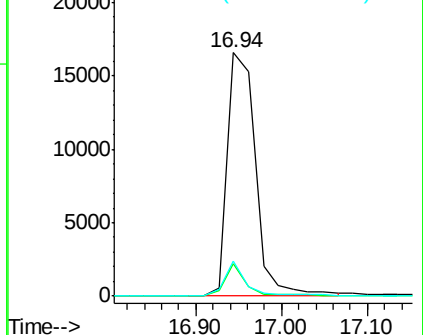
80 14.5 10.0 15.0

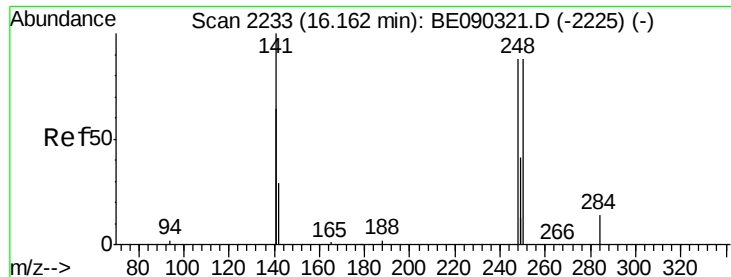


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

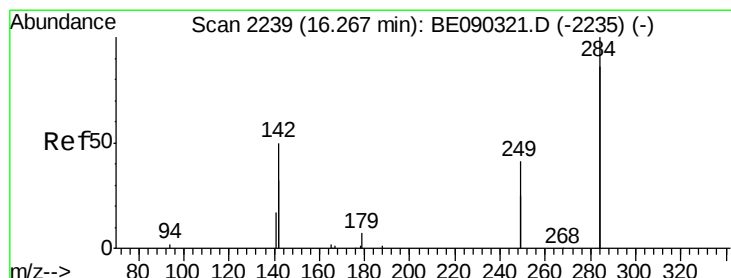
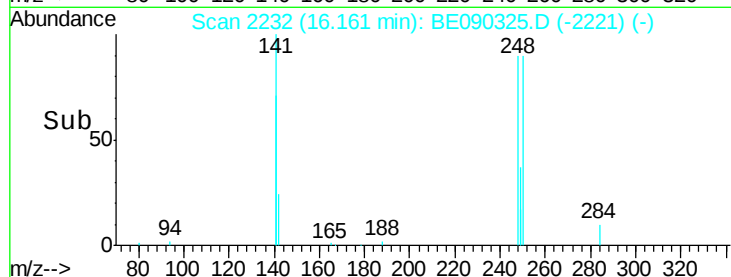
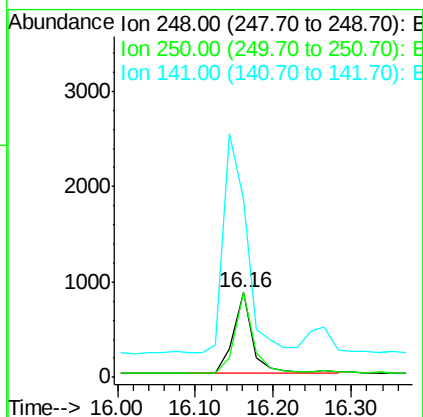
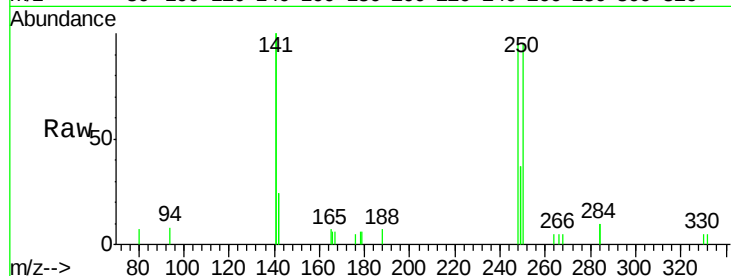




#19
4-Bromophenyl-phenylether
Concen: 1.04 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090325.D
Acq: 4 Aug 2015 00:51

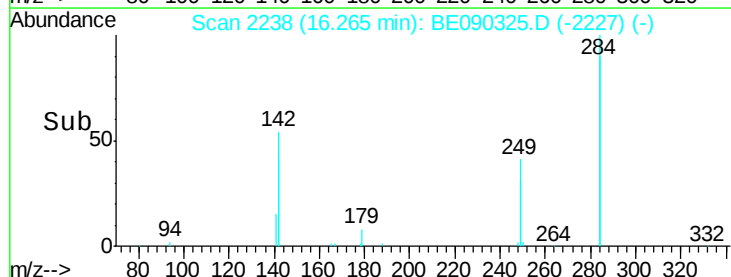
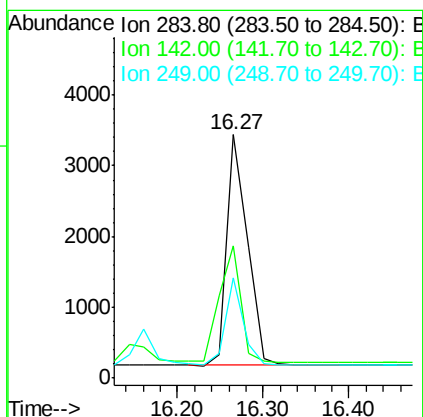
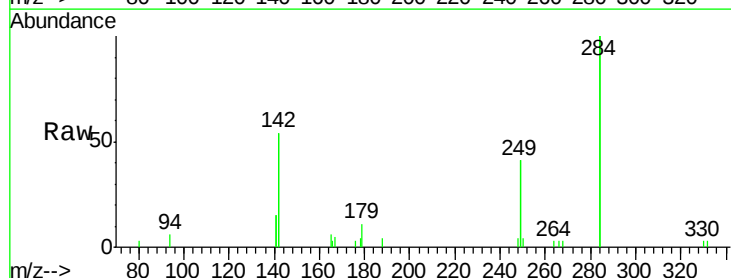
Instrument :
BNA_E
ClientSampleId :
ICVBE080315

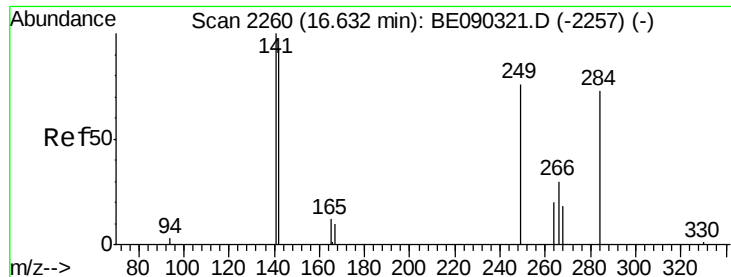
Tot Ion:248 Resp: 1461
Ion Ratio Lower Upper
248 100
250 95.0 74.0 111.0
141 329.6 258.9 388.3



#20
Hexachlorobenzene
Concen: 1.03 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090325.D
Acq: 4 Aug 2015 00:51

Tgt Ion:284 Resp: 5483
Ion Ratio Lower Upper
284 100
142 52.4 44.2 66.4
249 32.8 26.4 39.6





#21

Pentachlorophenol

Concen: 0.95 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

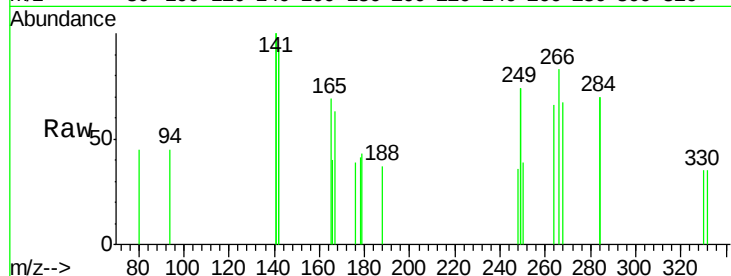
Tot Ion:266 Resp: 212

Ion Ratio Lower Upper

266 100

268 80.2 66.2 99.2

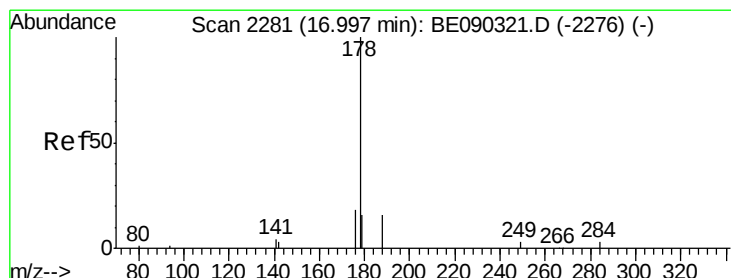
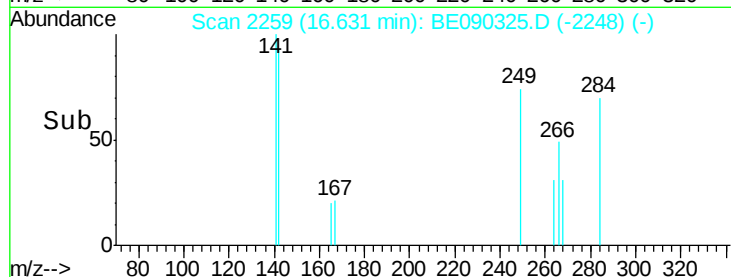
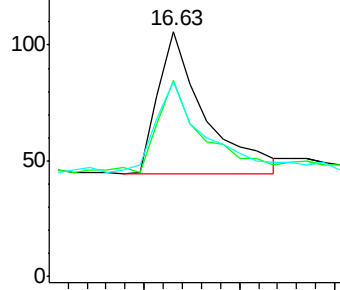
264 79.2 69.1 103.7



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: 1.00 ng

RT: 17.00 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

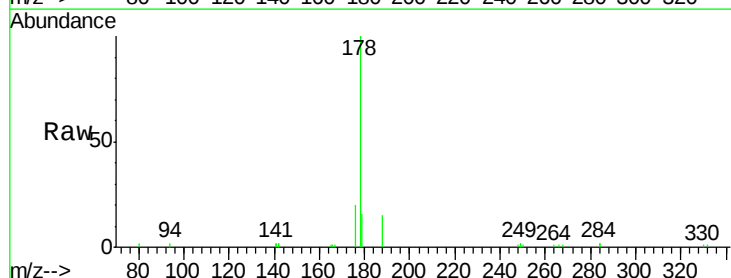
Tgt Ion:178 Resp: 8540

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

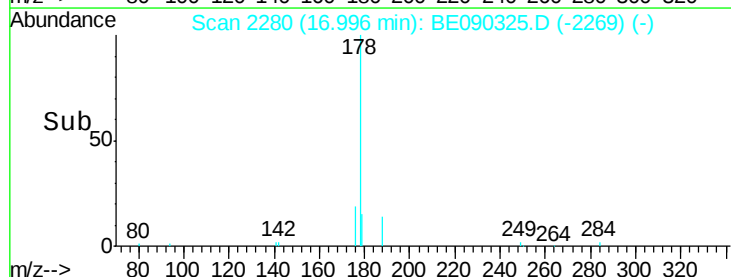
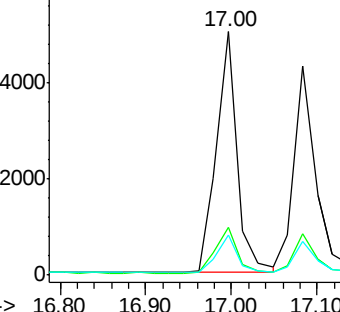
179 15.8 12.6 18.8

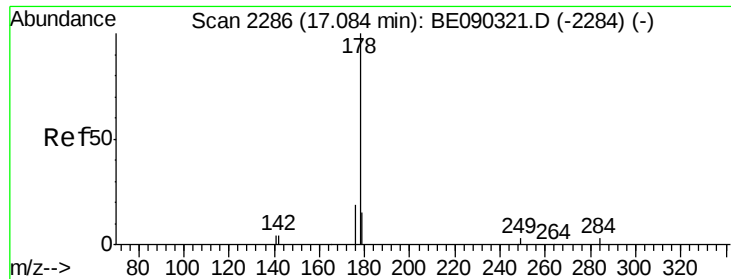


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.99 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

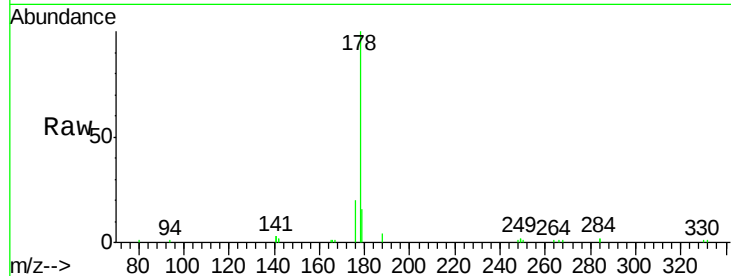
Tot Ion:178 Resp: 7524

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

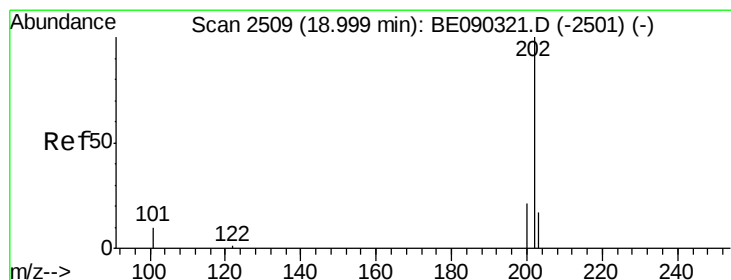
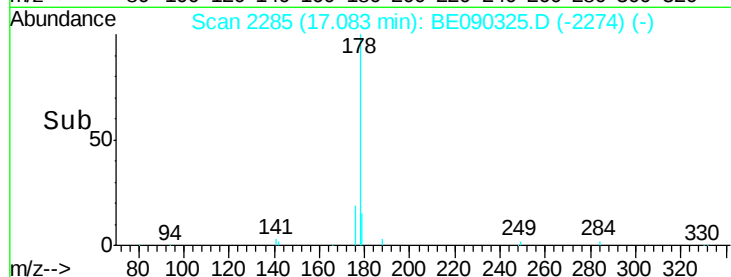
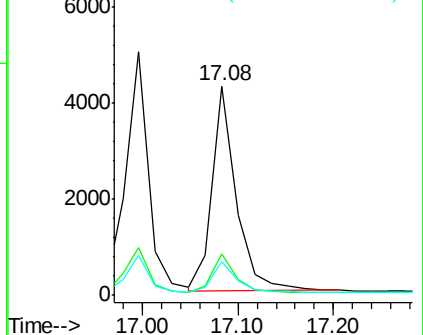
179 15.2 12.1 18.1



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



#24

Fluoranthene

Concen: 1.03 ng

RT: 19.00 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

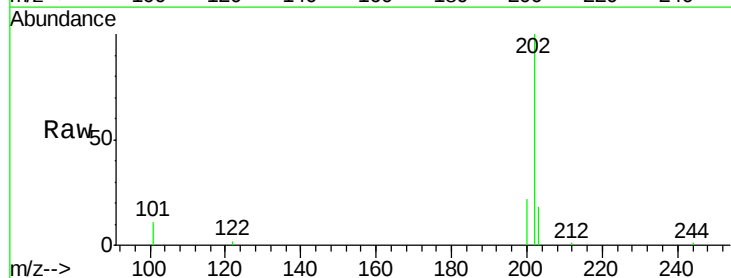
Tgt Ion:202 Resp: 8877

Ion Ratio Lower Upper

202 100

101 10.6 8.3 12.5

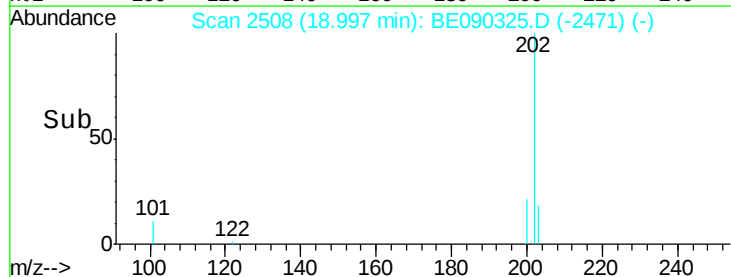
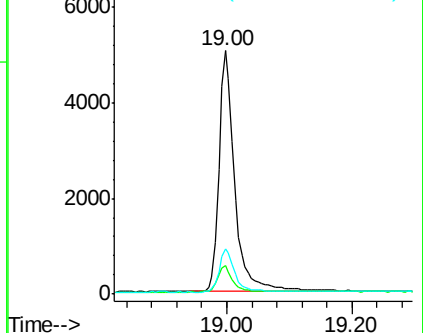
203 17.3 13.8 20.8

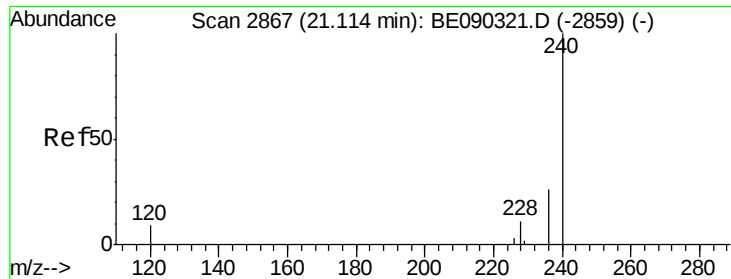


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2867

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

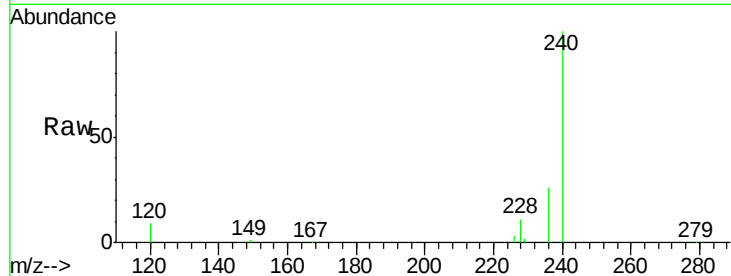
Tot Ion:240 Resp: 31857

Ion Ratio Lower Upper

240 100

120 8.7 7.5 11.3

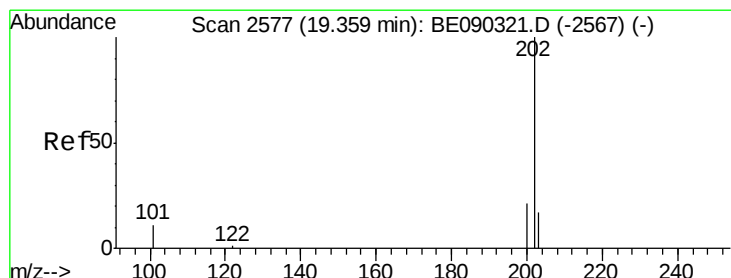
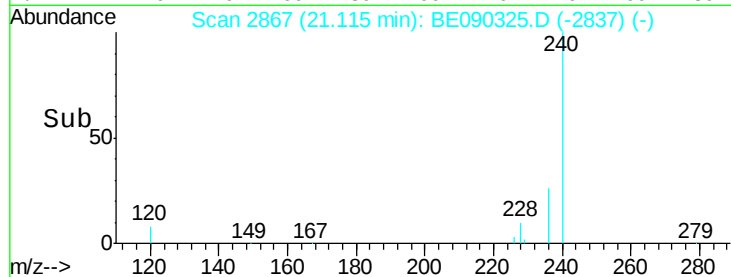
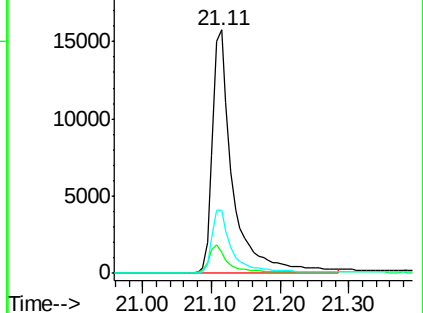
236 25.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.04 ng

RT: 19.36 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

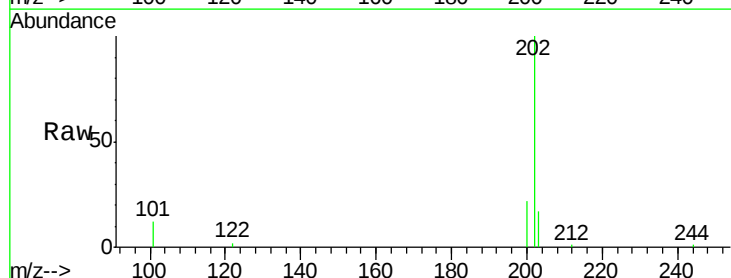
Tgt Ion:202 Resp: 8955

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

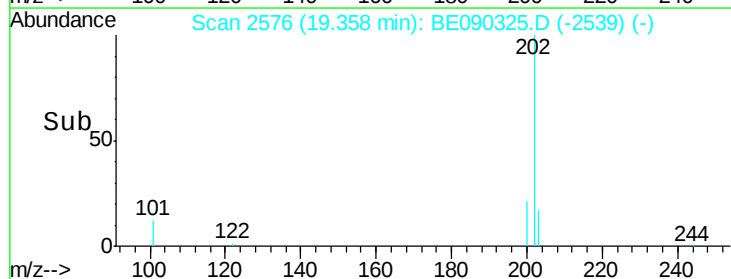
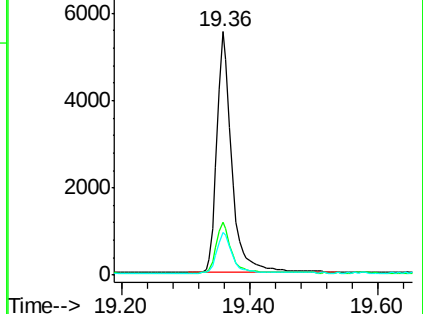
203 17.1 13.8 20.6

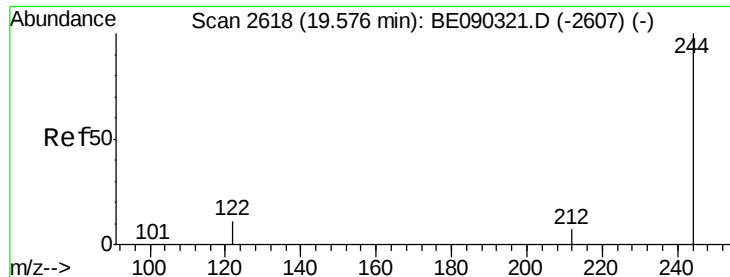


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

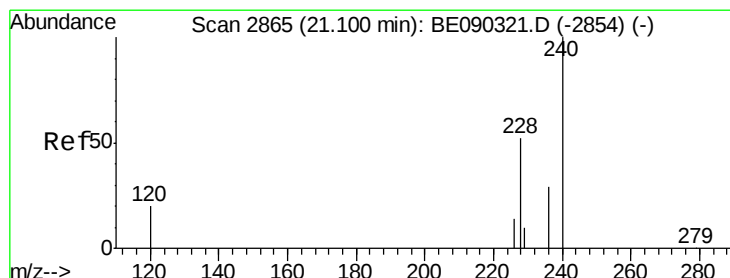
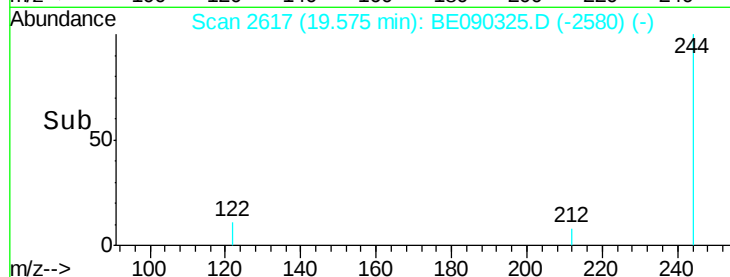
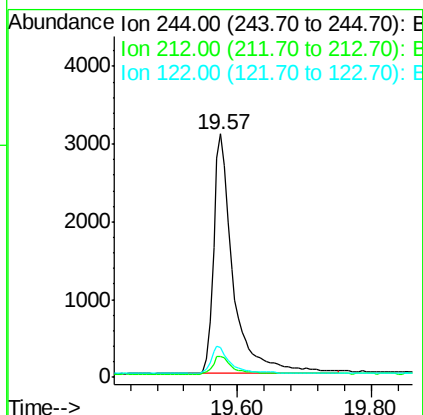
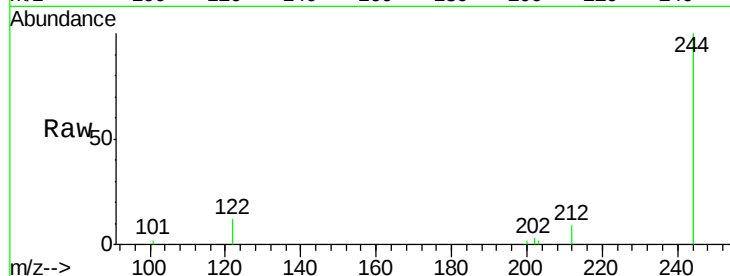




#27
 Terphenyl-d14
 Concen: 1.05 ng
 RT: 19.57 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090325.D
 Acq: 4 Aug 2015 00:51

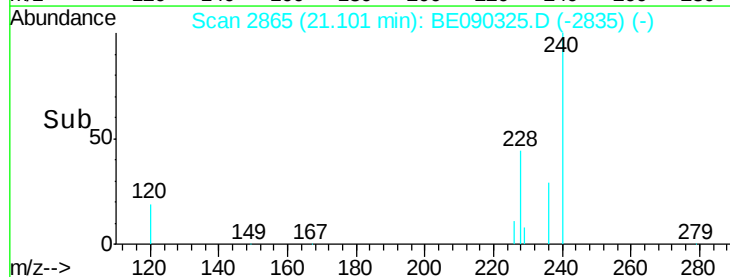
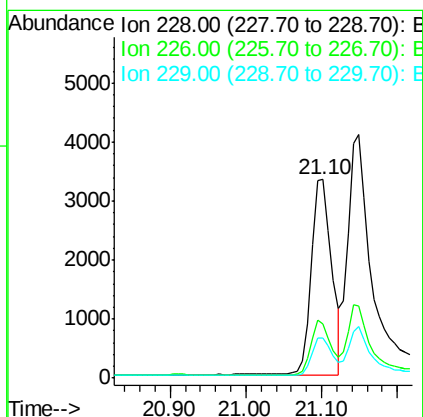
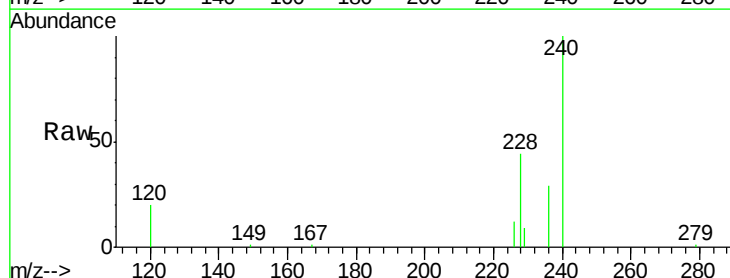
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE080315

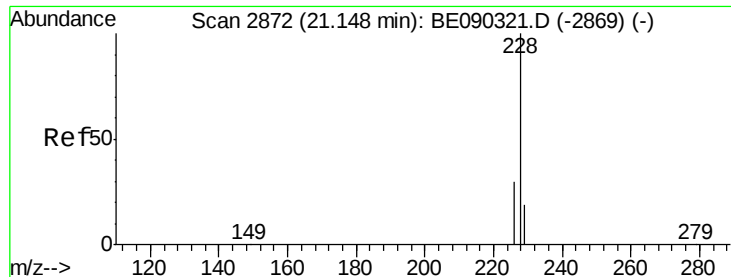
Tot Ion:244 Resp: 6265
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.2
 122 12.4 10.4 15.6



#28
 Benzo(a)anthracene
 Concen: 1.03 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BE090325.D
 Acq: 4 Aug 2015 00:51

Tgt Ion:228 Resp: 6253
 Ion Ratio Lower Upper
 228 100
 226 27.6 23.0 34.4
 229 20.4 17.4 26.2





#29

Chrysene

Concen: 1.22 ng

RT: 21.15 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

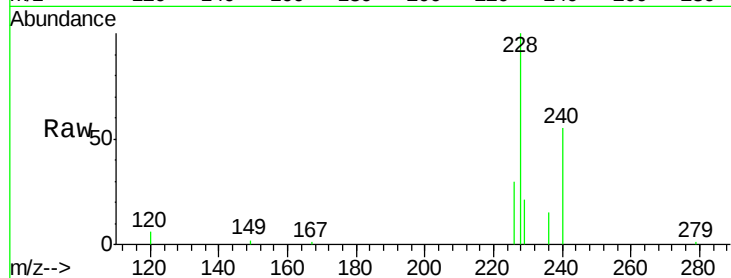
Tot Ion:228 Resp: 9125

Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

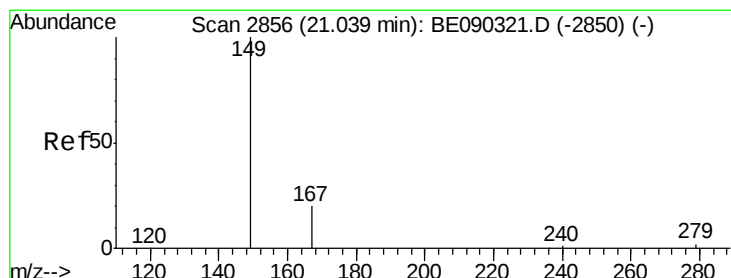
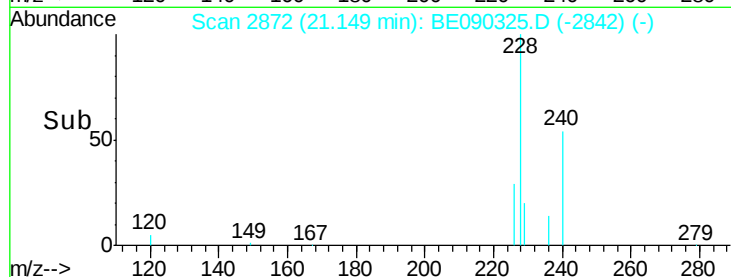
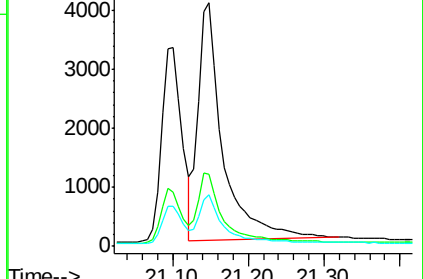
229 21.3 16.6 25.0



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: 0.94 ng

RT: 21.04 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

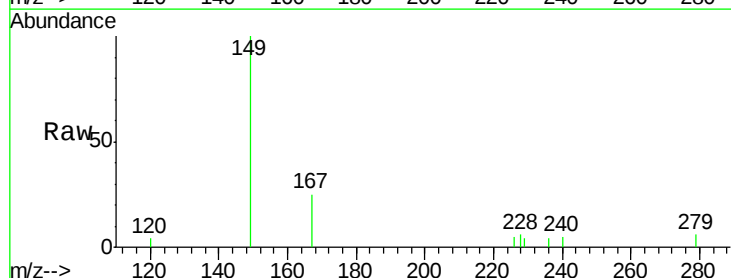
Tgt Ion:149 Resp: 1670

Ion Ratio Lower Upper

149 100

167 21.6 16.6 24.8

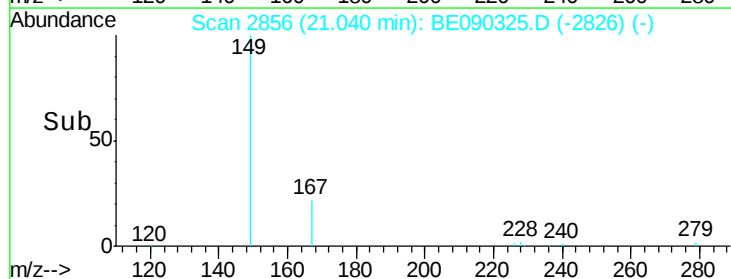
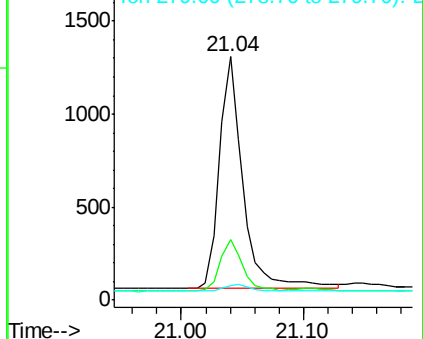
279 3.1 2.7 4.1

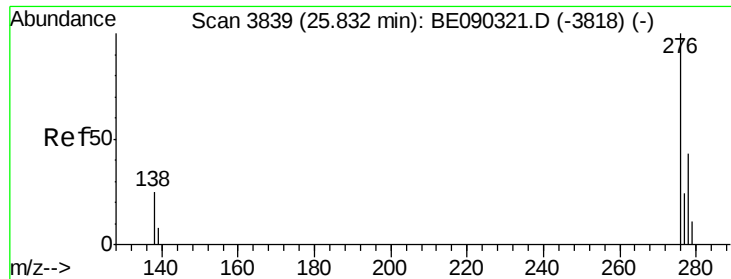


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

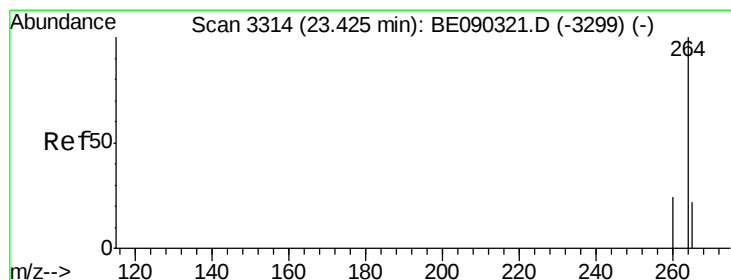
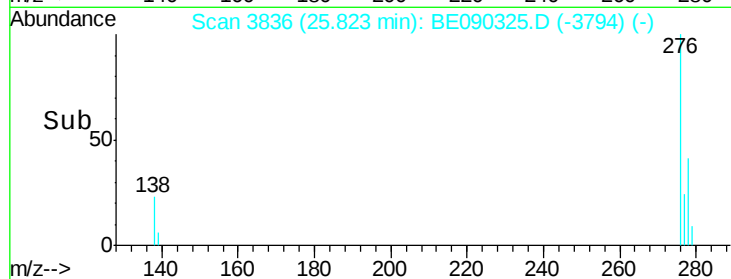
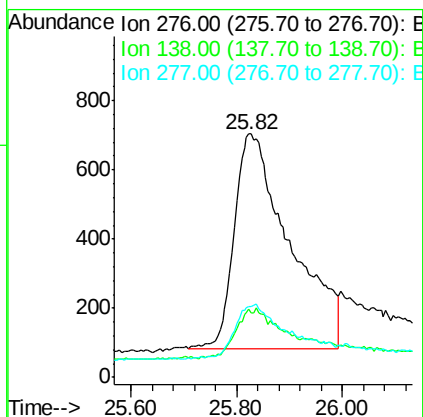
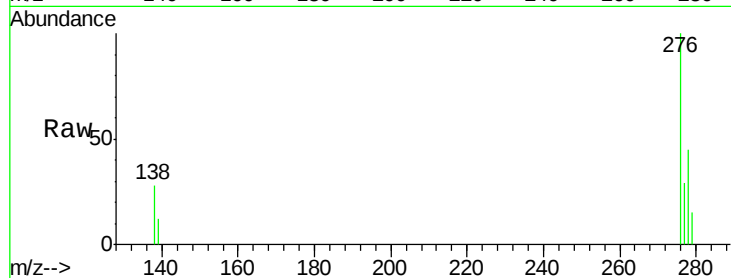




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.36 ng
RT: 25.82 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BE090325.D
Acq: 4 Aug 2015 00:51

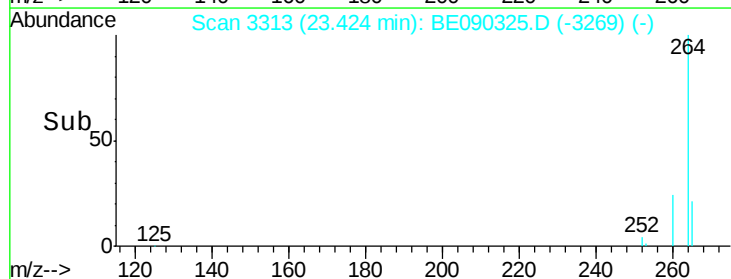
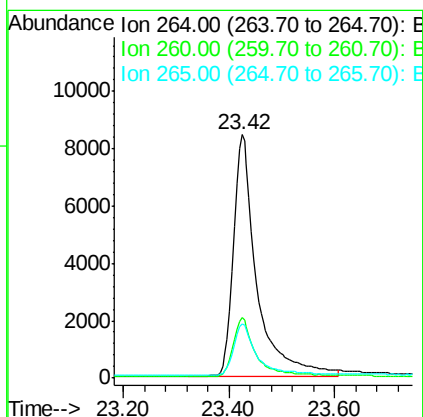
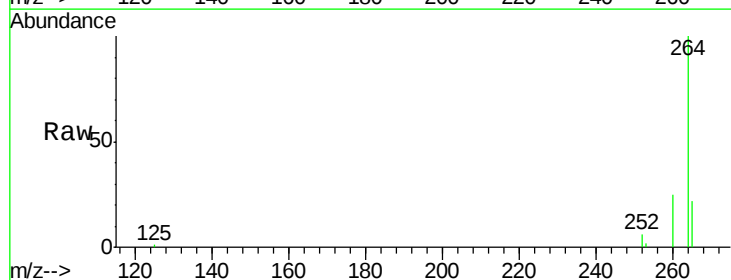
Instrument :
BNA_E
ClientSampleId :
ICVBE080315

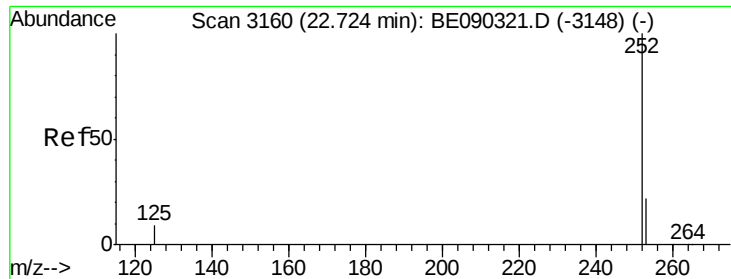
Tot Ion:276 Resp: 4563
Ion Ratio Lower Upper
276 100
138 7.3 10.6 16.0#
277 22.4 14.6 22.0#



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BE090325.D
Acq: 4 Aug 2015 00:51

Tgt Ion:264 Resp: 25877
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.2 18.6 28.0





#33

Benzo(b)fluoranthene

Concen: 1.17 ng

RT: 22.72 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

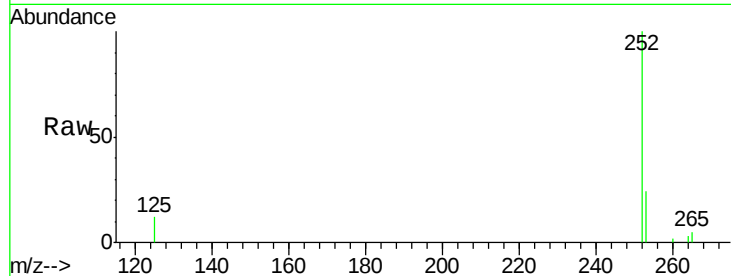
Tot Ion:252 Resp: 4403

Ion Ratio Lower Upper

252 100

253 23.6 21.5 32.3

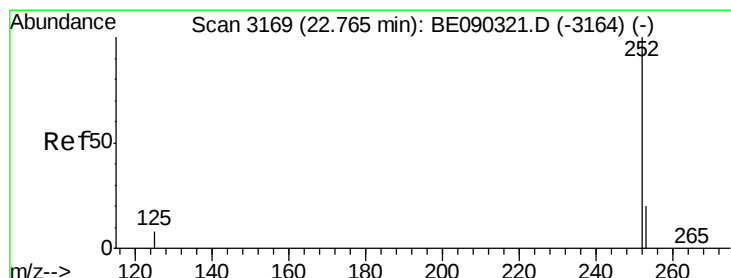
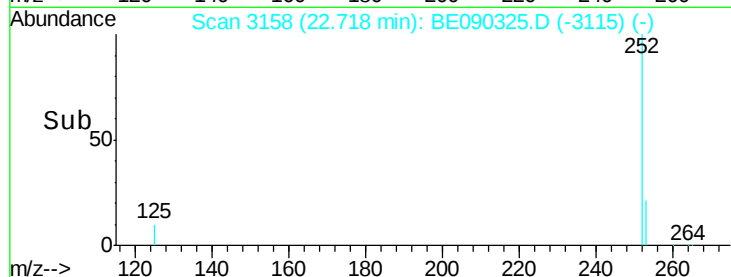
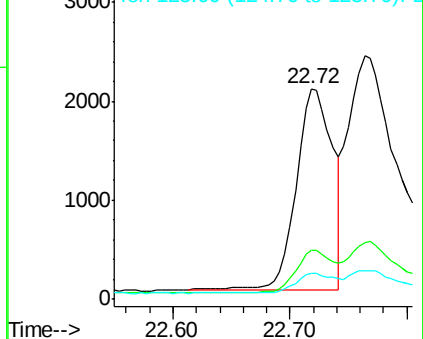
125 12.3 11.8 17.8



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: 1.14 ng

RT: 22.76 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

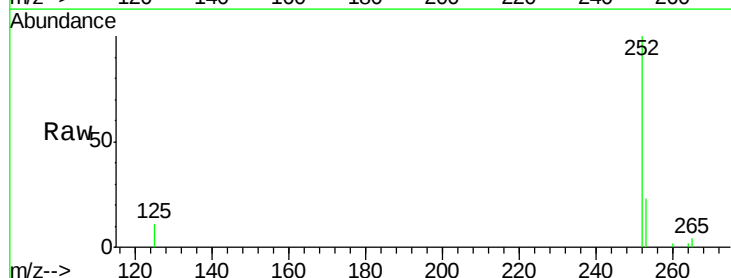
Tgt Ion:252 Resp: 7998

Ion Ratio Lower Upper

252 100

253 23.1 19.9 29.9

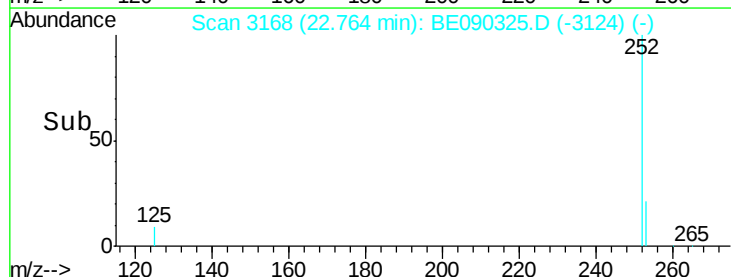
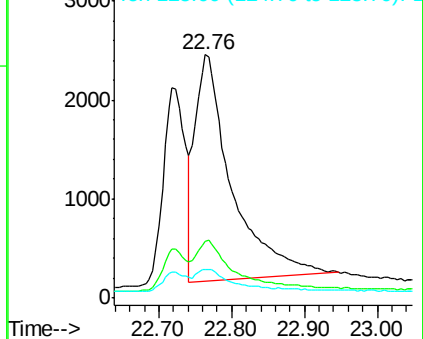
125 11.5 11.2 16.8

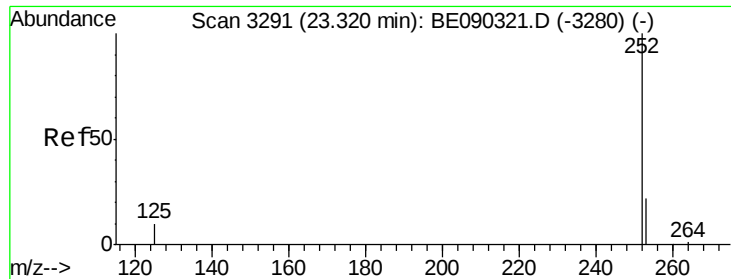


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.19 ng

RT: 23.32 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315

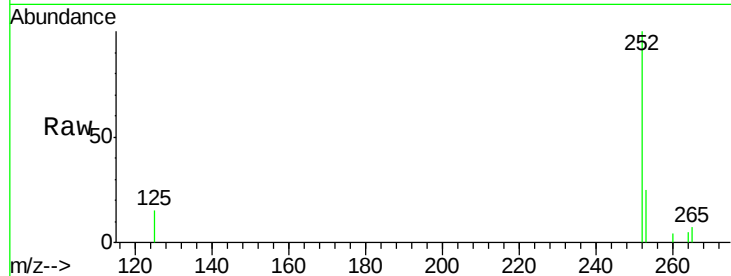
Tot Ion:252 Resp: 4346

Ion Ratio Lower Upper

252 100

253 25.5 23.0 34.4

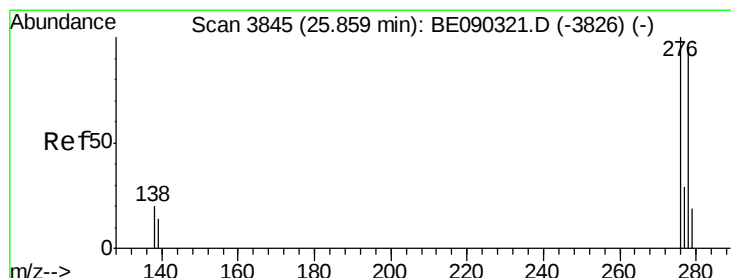
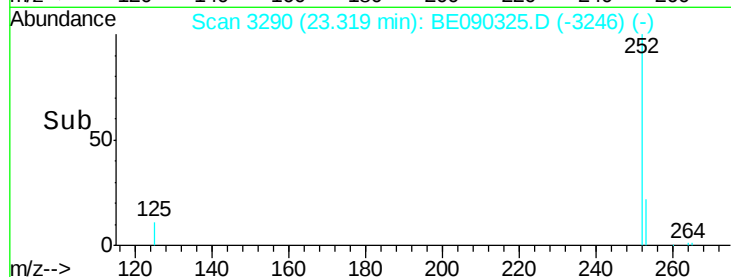
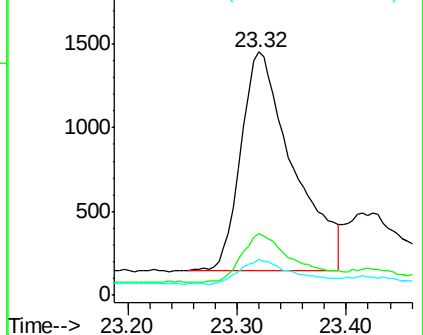
125 14.7 14.2 21.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 1.28 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BE090325.D

Acq: 4 Aug 2015 00:51

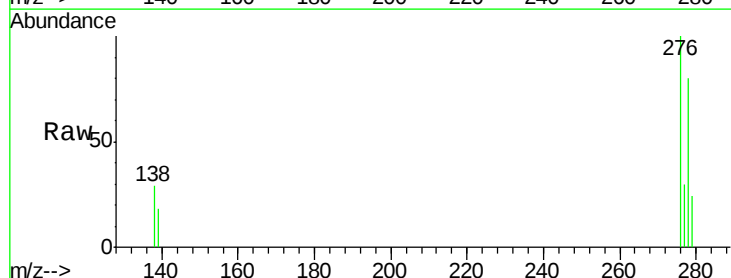
Tgt Ion:278 Resp: 2762

Ion Ratio Lower Upper

278 100

139 22.1 27.8 41.6#

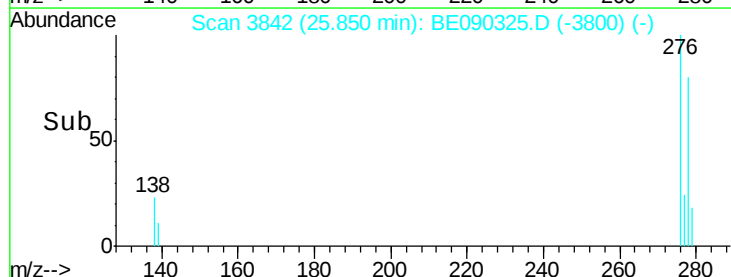
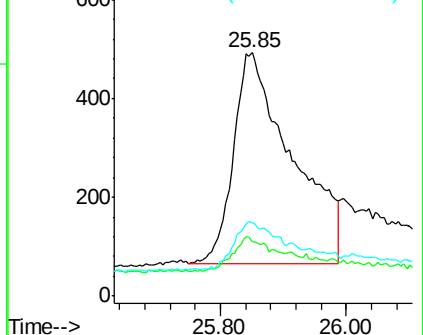
279 30.2 30.9 46.3#

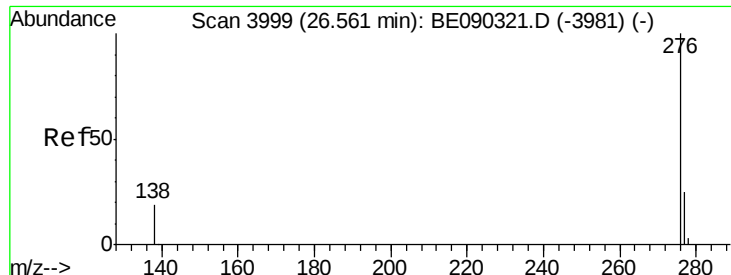


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 1.22 ng

RT: 26.56 min Scan# 3997

Delta R.T. -0.00 min

Lab File: BE090325.D

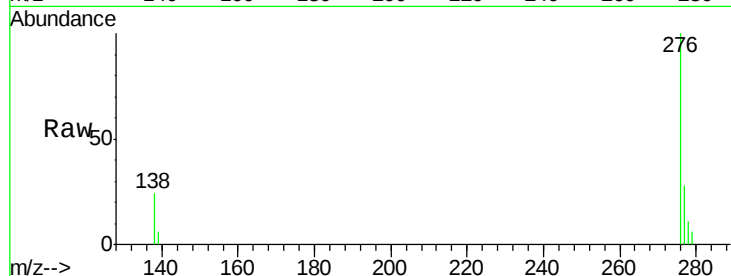
Acq: 4 Aug 2015 00:51

Instrument :

BNA_E

ClientSampleId :

ICVBE080315



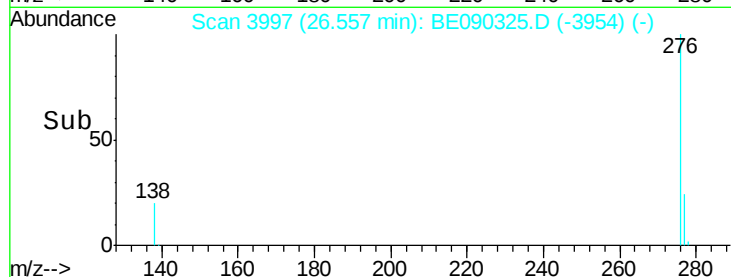
Tot Ion: 276 Resp: 4916

Ion Ratio Lower Upper

276 100

277 27.6 25.6 38.4

138 23.9 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

