

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070815\
 Data File : BE090071.D
 Acq On : 8 Jul 2015 22:44
 Operator : TP/IZ
 Sample : G2811-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MS

Quant Time: Jul 09 01:21:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

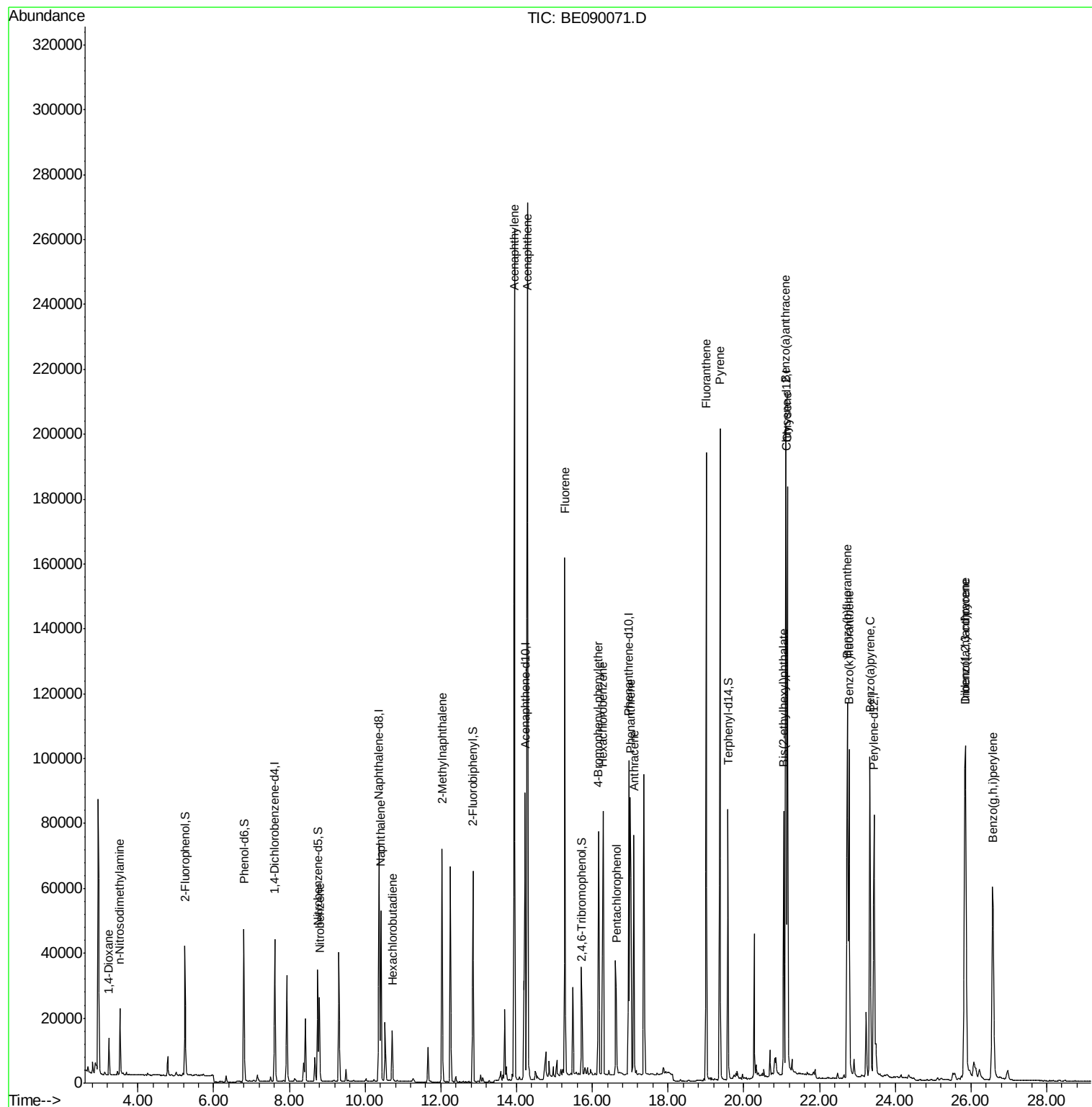
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	20855	5.00	ng	-0.01
6) Naphthalene-d8	10.37	136	94061	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	51310	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	112948	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	123339	5.00	ng	-0.01
32) Perylene-d12	23.44	264	115156	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	29387	6.13	ng	0.00
5) Phenol-d6	6.79	99	48735	7.27	ng	0.00
7) Nitrobenzene-d5	8.75	82	29376	3.93	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	13145	8.74	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	61280	3.97	ng	-0.01
27) Terphenyl-d14	19.58	244	87374	4.25	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	6974	2.44	ng	98
3) n-Nitrosodimethylamine	3.53	42	11201	2.89	ng	91
8) Nitrobenzene	8.79	77	27906	3.52	ng	96
9) Naphthalene	10.41	128	72066	3.39	ng	99
10) Hexachlorobutadiene	10.72	225	11151	3.34	ng	100
11) 2-Methylnaphthalene	12.03	142	49487	3.48	ng	99
15) Acenaphthylene	13.94	152	330659	3.57	ng	99
16) Acenaphthene	14.29	154	48776	3.66	ng	96
17) Fluorene	15.27	166	64480	3.55	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	17670	3.68	ng	94
20) Hexachlorobenzene	16.28	284	72980	3.65	ng	97
21) Pentachlorophenol	16.63	266	20083	7.85	ng	95
22) Phenanthrene	17.00	178	116331	4.02	ng	99
23) Anthracene	17.10	178	104783	3.96	ng	99
24) Fluoranthene	19.00	202	172524	5.34	ng	99
26) Pyrene	19.37	202	175514	5.97	ng	98
28) Benzo(a)anthracene	21.10	228	155673	5.05	ng	99
29) Chrysene	21.16	228	154234	4.82	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	74951	5.27	ng	97
31) Indeno(1,2,3-cd)pyrene	25.84	276	146520	4.78	ng	99
33) Benzo(b)fluoranthene	22.73	252	162904	6.41	ng	99
34) Benzo(k)fluoranthene	22.78	252	137415	4.84	ng	99
35) Benzo(a)pyrene	23.33	252	144671	6.17	ng	100
36) Dibenzo(a,h)anthracene	25.86	278	102419	4.25	ng	99
37) Benzo(g,h,i)perylene	26.57	276	129428	5.30	ng	98

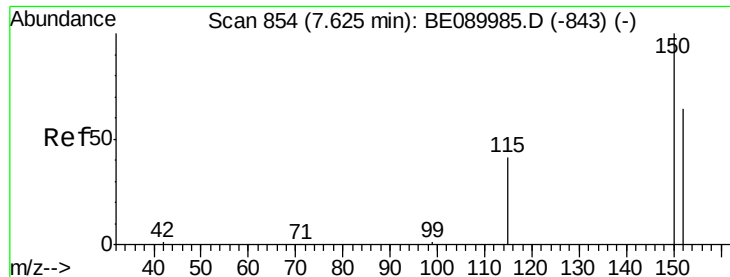
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 852

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

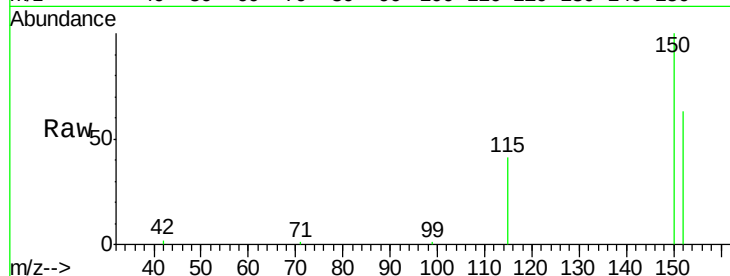
Tgt Ion:152 Resp: 20855

Ion Ratio Lower Upper

152 100

150 158.1 123.9 185.9

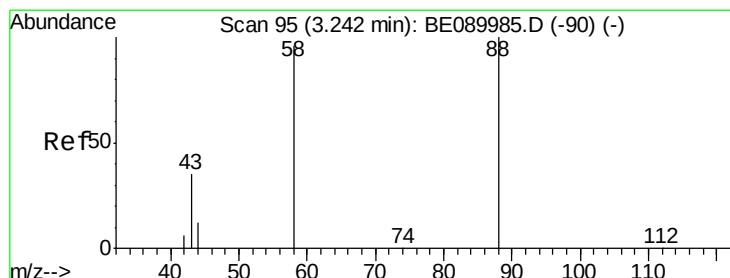
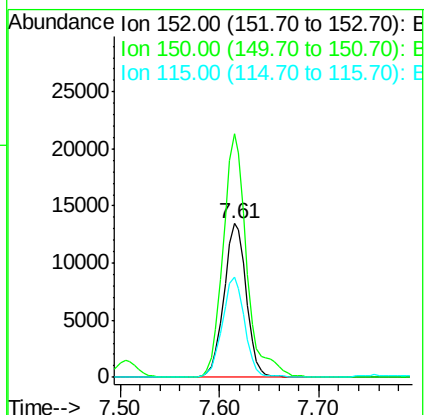
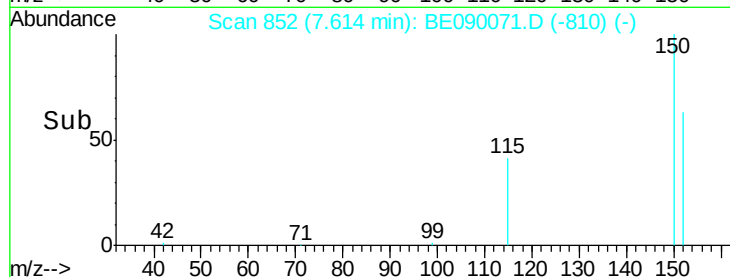
115 65.4 50.6 76.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.44 ng

RT: 3.24 min Scan# 94

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

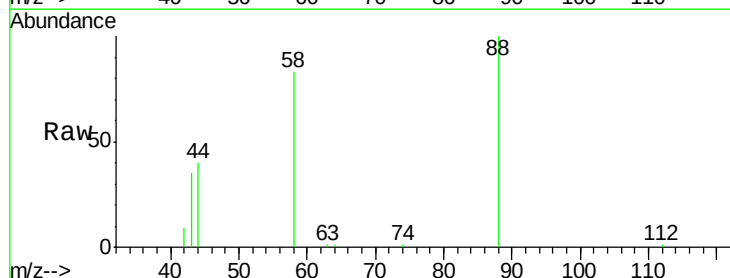
Tgt Ion: 88 Resp: 6974

Ion Ratio Lower Upper

88 100

58 86.4 70.9 106.3

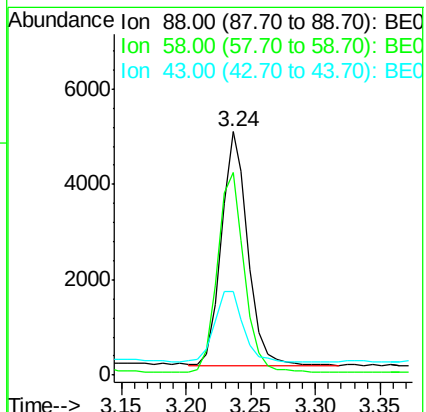
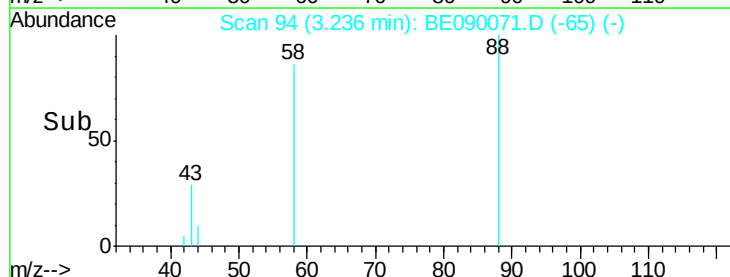
43 33.4 27.6 41.4

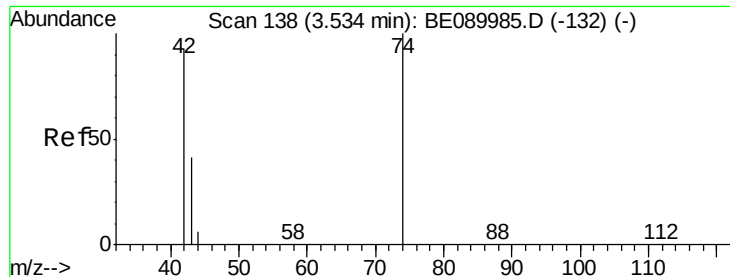


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.89 ng

RT: 3.53 min Scan# 137

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

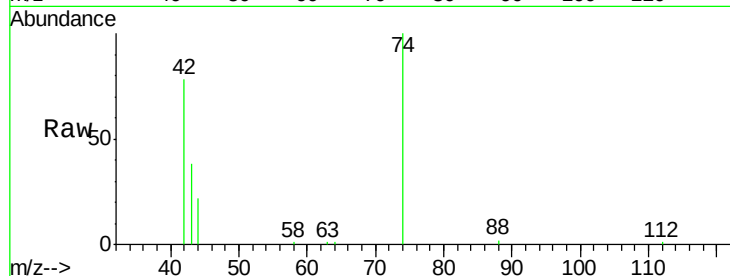
Tgt Ion: 42 Resp: 11201

Ion Ratio Lower Upper

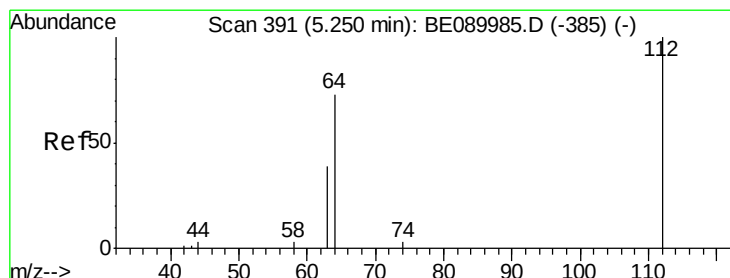
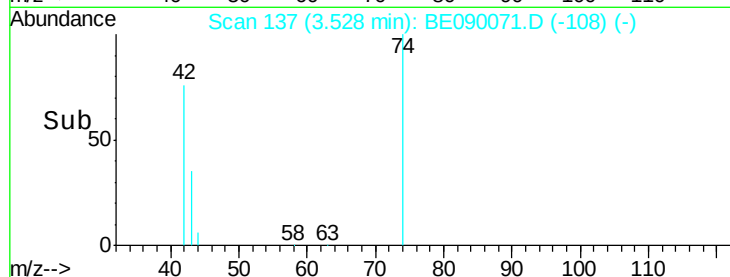
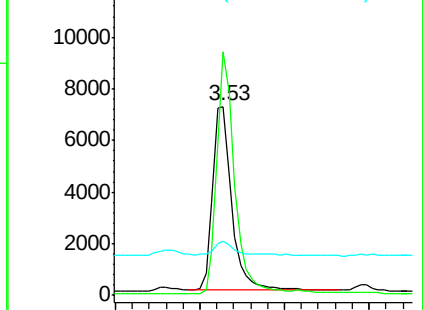
42 100

74 122.3 89.4 134.2

44 7.0 6.9 10.3



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



#4

2-Fluorophenol

Concen: 6.13 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

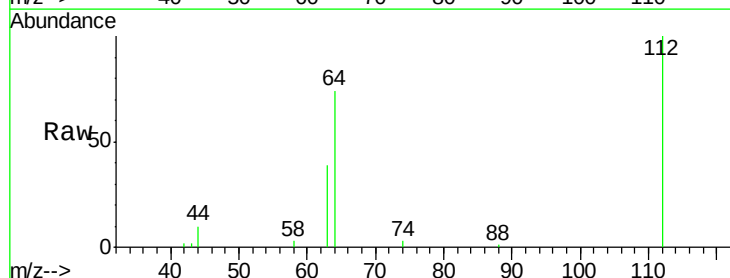
Tgt Ion: 112 Resp: 29387

Ion Ratio Lower Upper

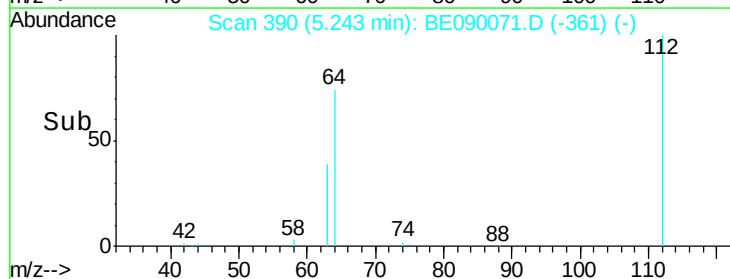
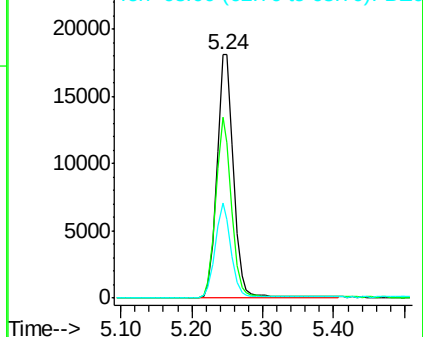
112 100

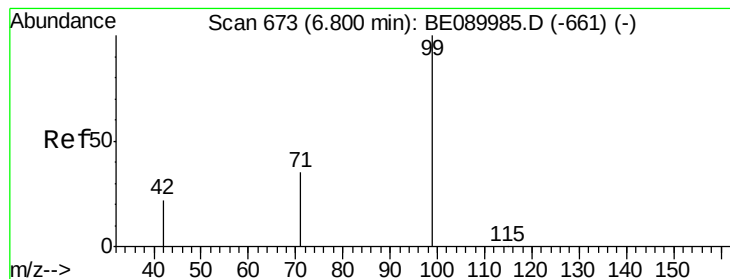
64 70.7 56.3 84.5

63 36.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.27 ng

RT: 6.79 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

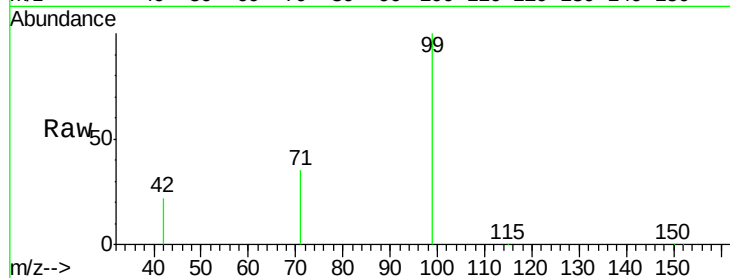
Tgt Ion: 99 Resp: 48735

Ion Ratio Lower Upper

99 100

42 21.1 18.7 28.1

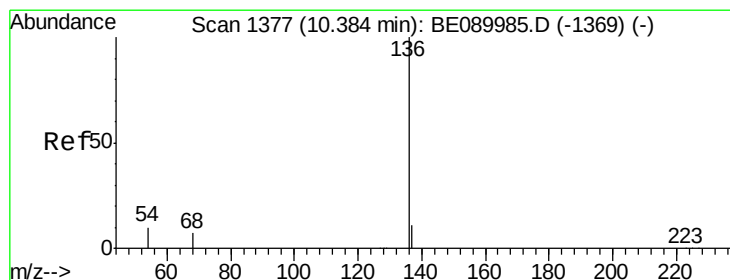
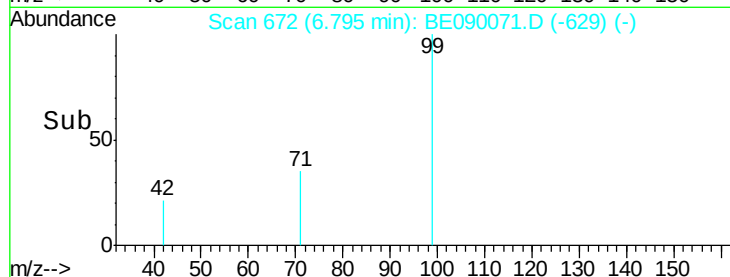
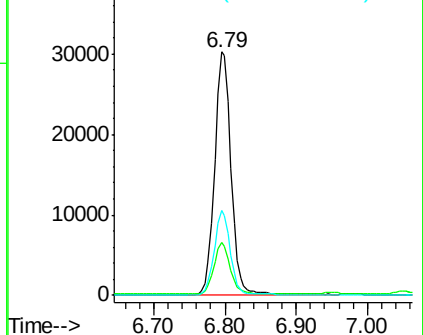
71 33.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Tgt Ion: 136 Resp: 94061

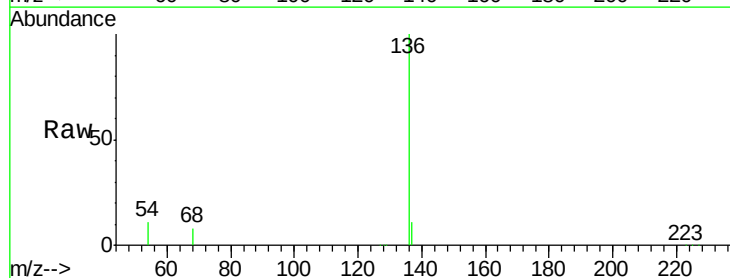
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.3 8.2 12.4

68 8.1 5.8 8.8

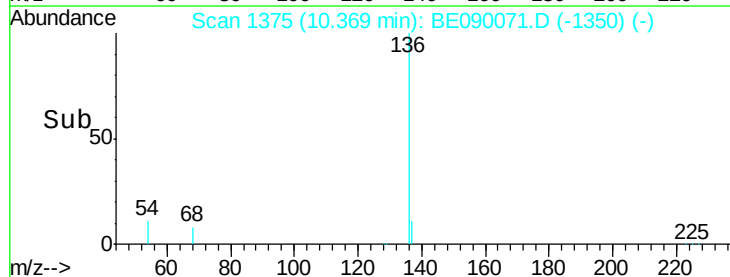
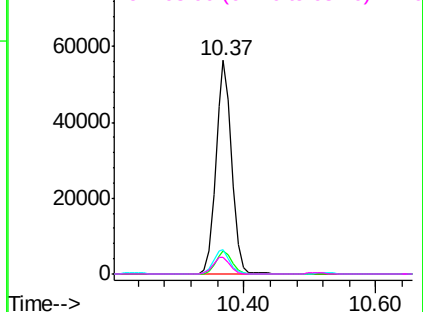


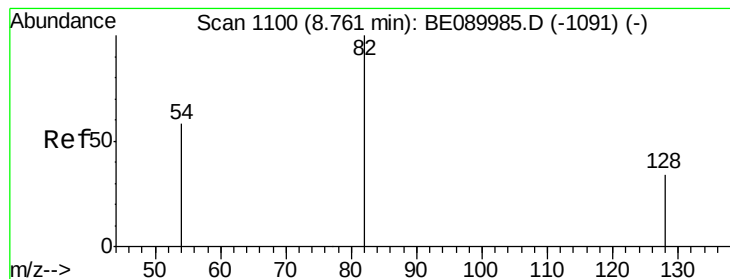
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 3.93 ng

RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

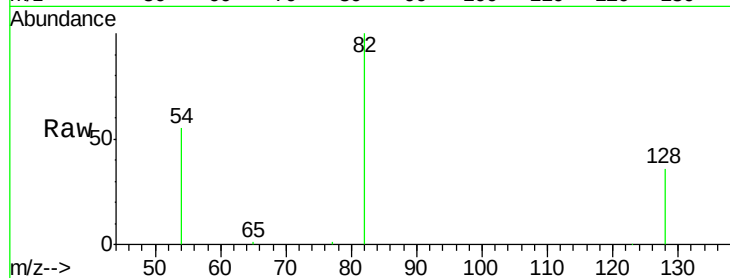
Tgt Ion: 82 Resp: 29376

Ion Ratio Lower Upper

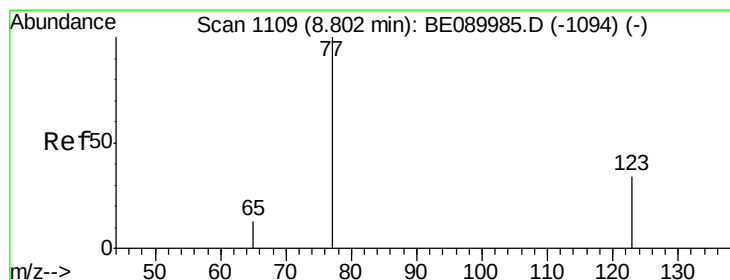
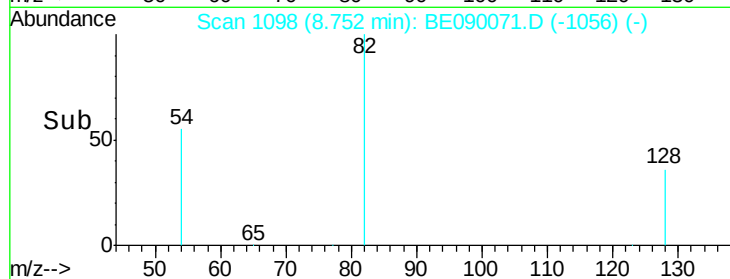
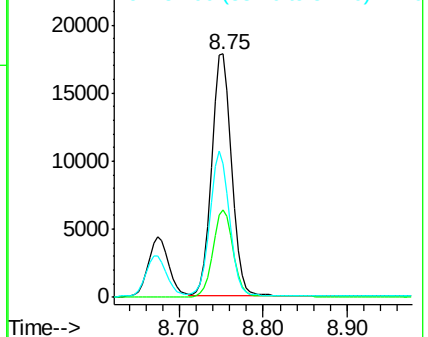
82 100

128 36.1 28.0 42.0

54 54.8 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.52 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

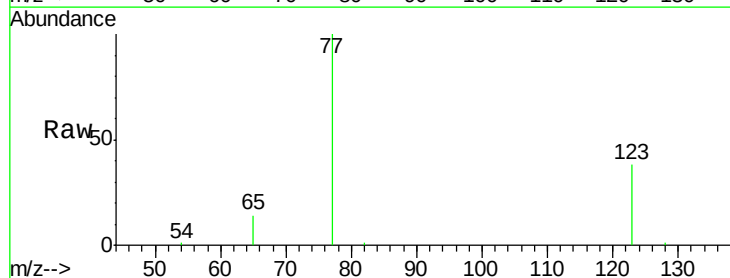
Tgt Ion: 77 Resp: 27906

Ion Ratio Lower Upper

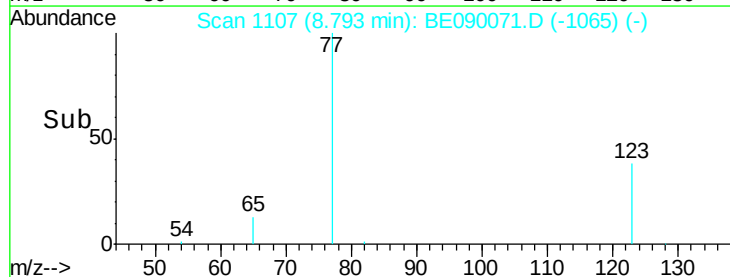
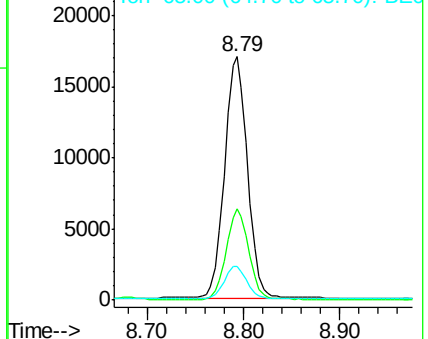
77 100

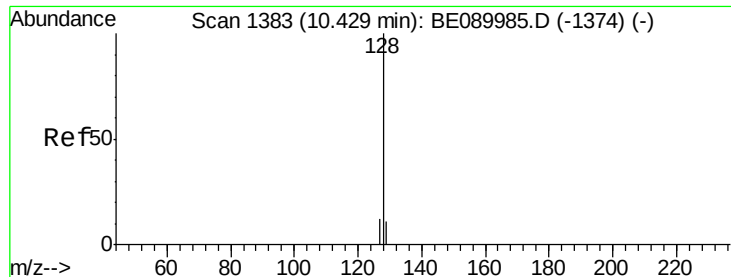
123 36.9 27.4 41.0

65 13.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.39 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

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ClientSampleId :

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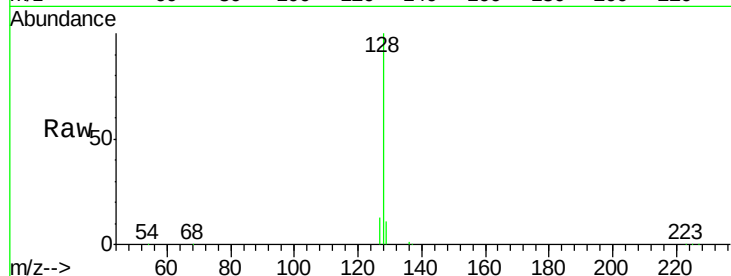
Tgt Ion:128 Resp: 72066

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

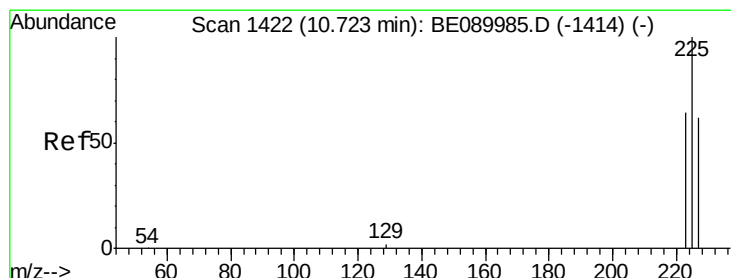
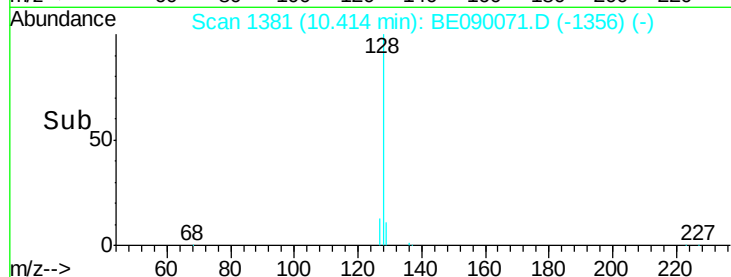
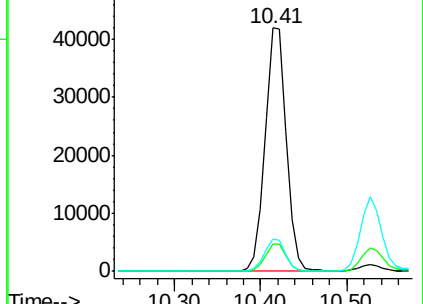
127 13.4 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.34 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

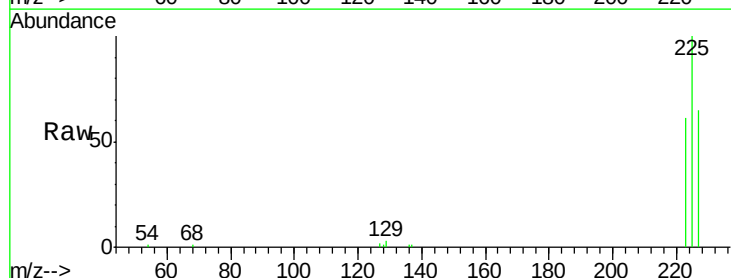
Tgt Ion:225 Resp: 11151

Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

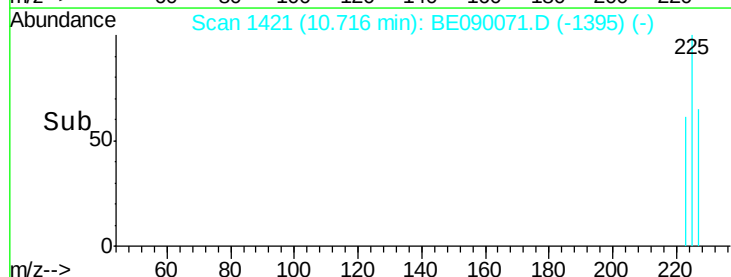
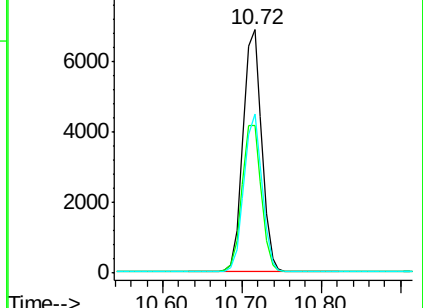
227 63.6 50.9 76.3

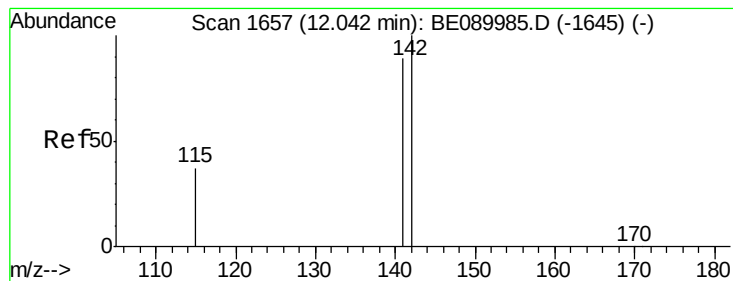


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.48 ng

RT: 12.03 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

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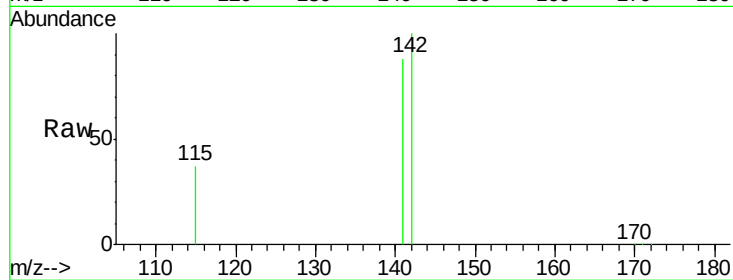
Tgt Ion:142 Resp: 49487

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

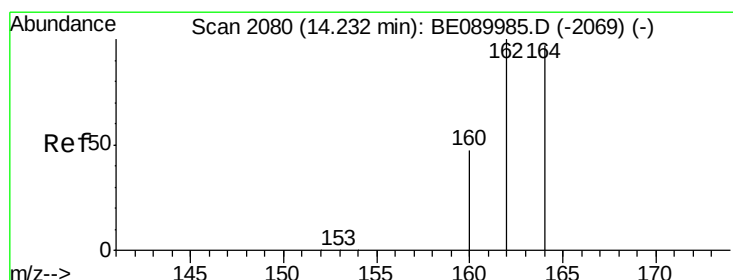
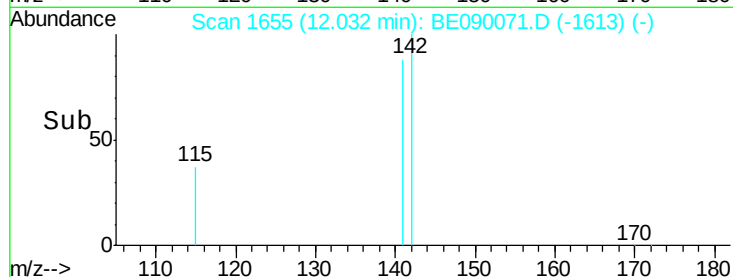
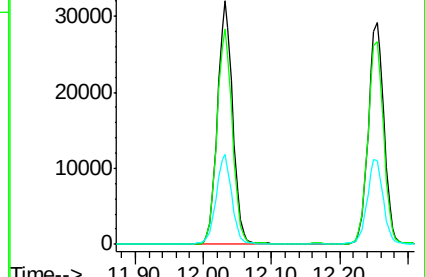
115 36.8 30.4 45.6



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: 14.22 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

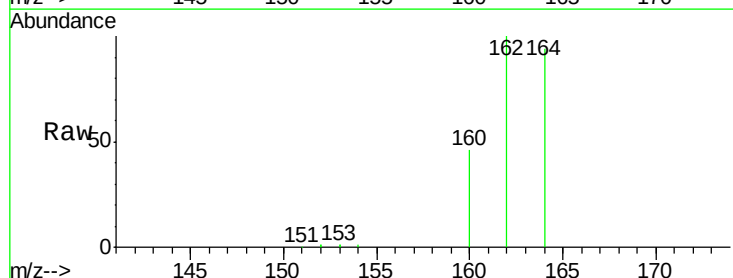
Tgt Ion:164 Resp: 51310

Ion Ratio Lower Upper

164 100

162 106.4 82.2 123.4

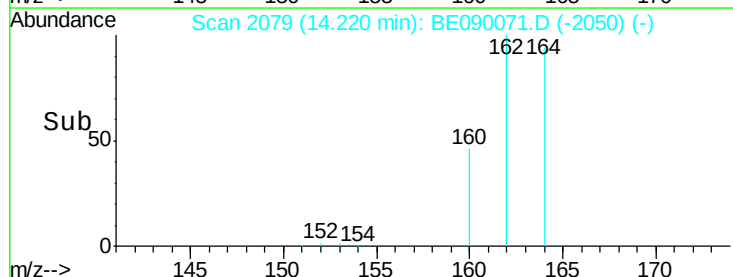
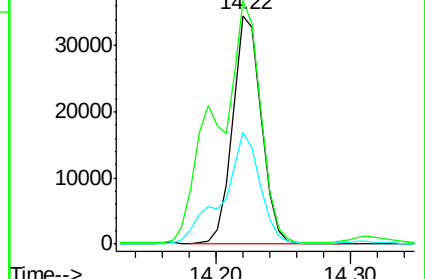
160 48.7 39.0 58.6

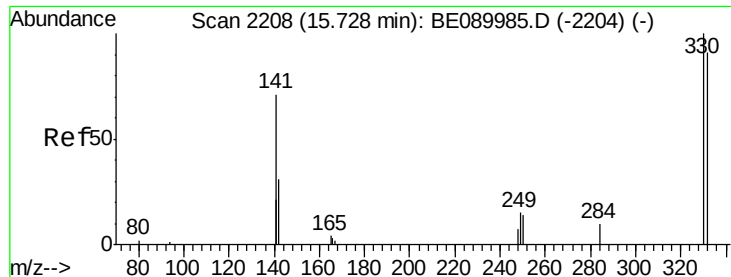


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

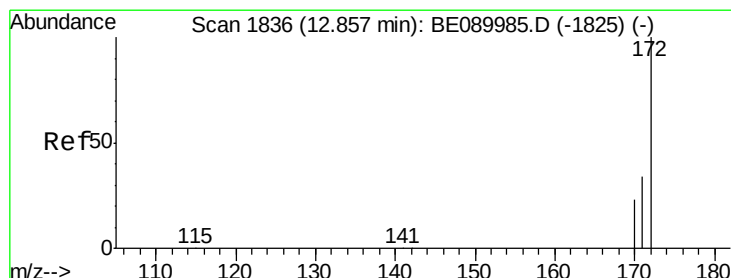
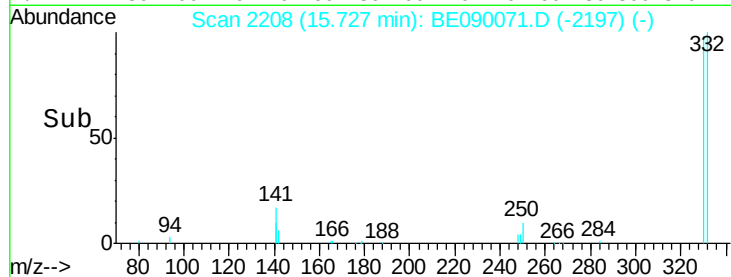
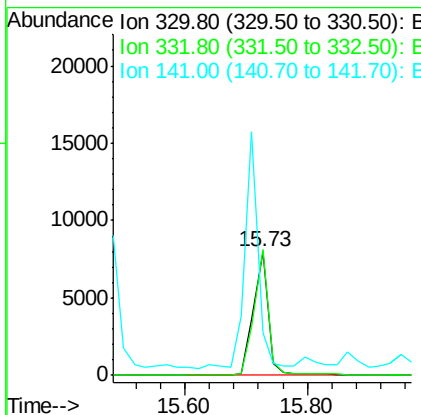
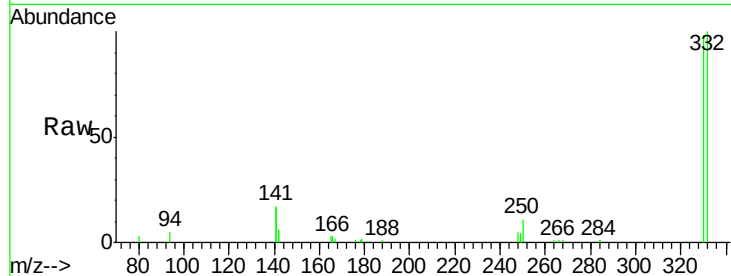




#13
 2,4,6-Tribromophenol
 Concen: 8.74 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090071.D
 Acq: 8 Jul 2015 22:44

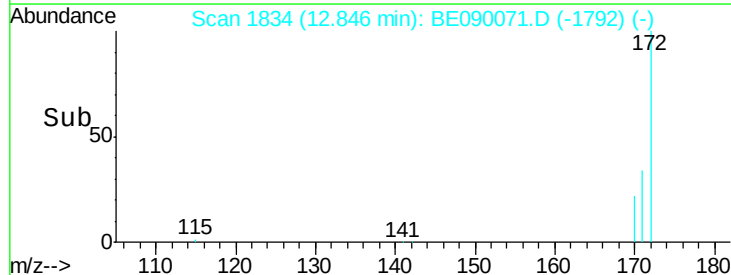
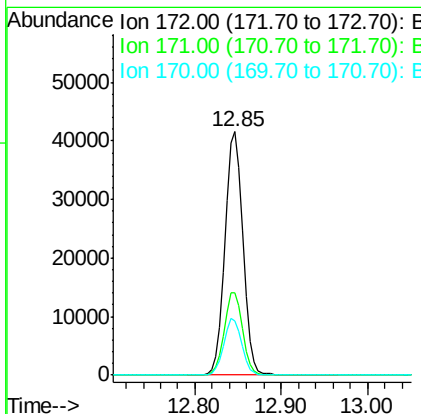
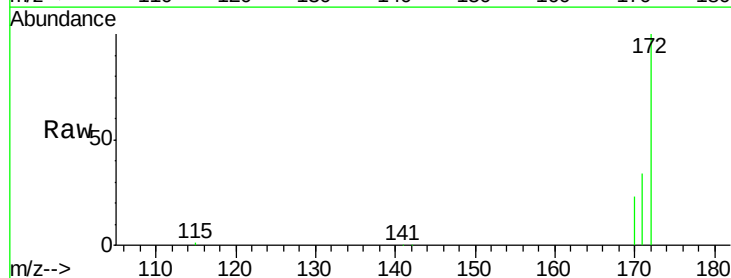
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MS

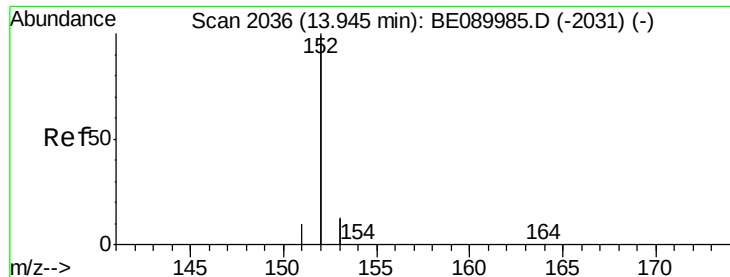
Tgt Ion:330 Resp: 13145
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.4 114.6
 141 172.7 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090071.D
 Acq: 8 Jul 2015 22:44

Tgt Ion:172 Resp: 61280
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.8 41.6
 170 22.5 18.3 27.5





#15

Acenaphthylene

Concen: 3.57 ng

RT: 13.94 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

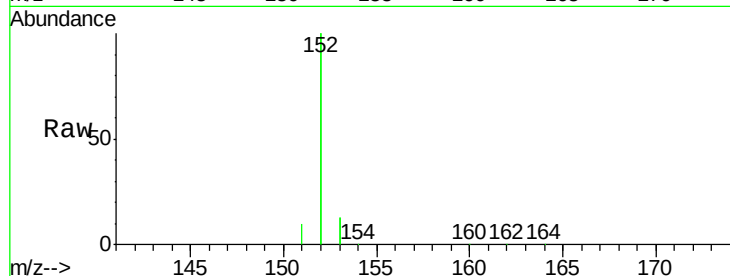
Tgt Ion:152 Resp: 330659

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

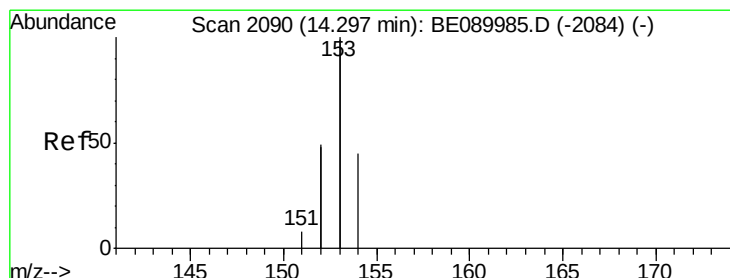
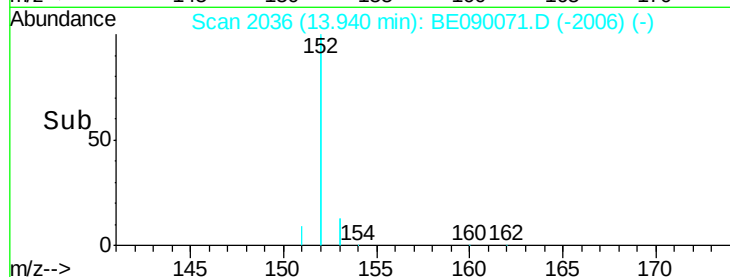
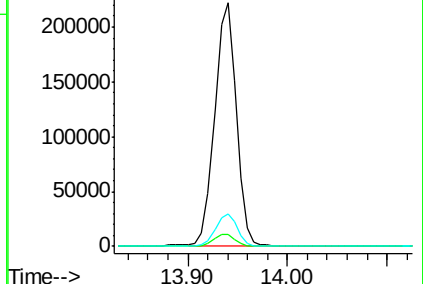
153 13.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.66 ng

RT: 14.29 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

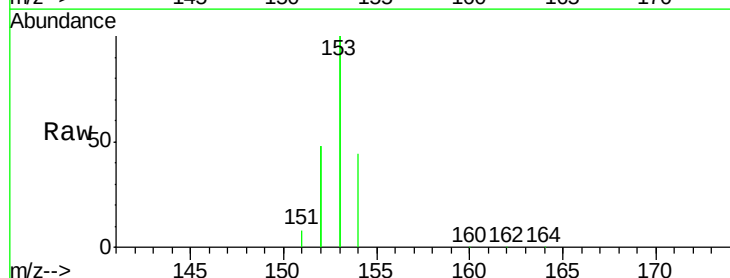
Tgt Ion:154 Resp: 48776

Ion Ratio Lower Upper

154 100

153 453.6 358.6 538.0

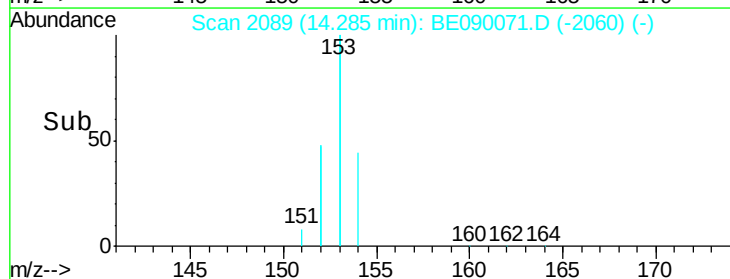
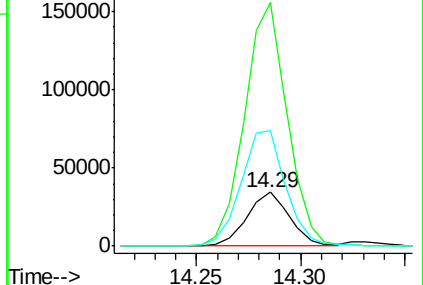
152 225.4 189.6 284.4

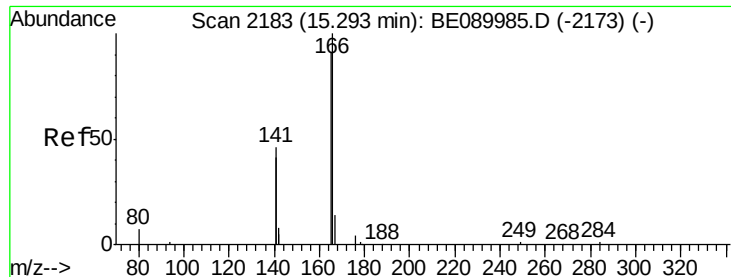


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

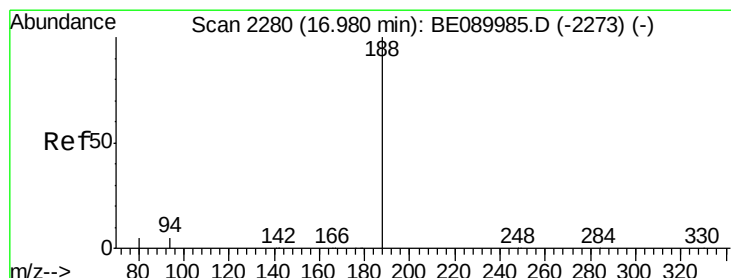
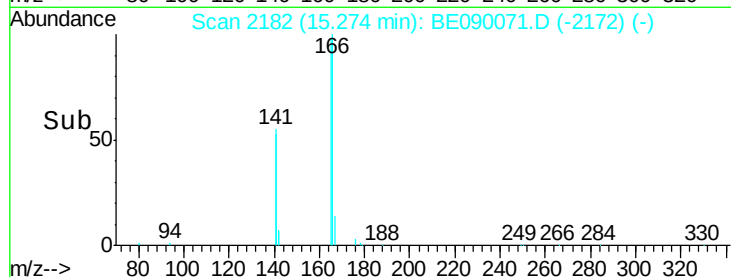
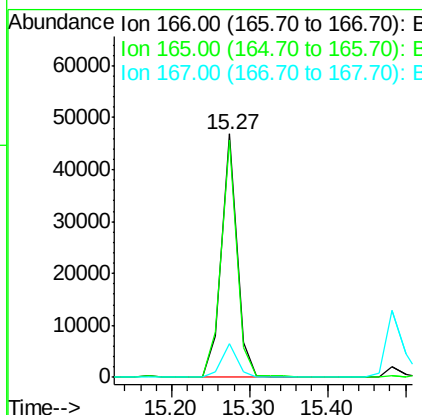
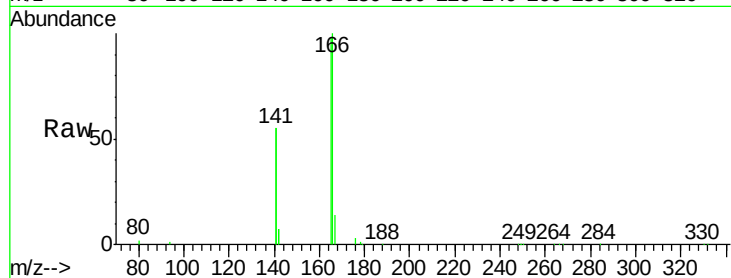




#17
Fluorene
Concen: 3.55 ng
RT: 15.27 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BE090071.D
Acq: 8 Jul 2015 22:44

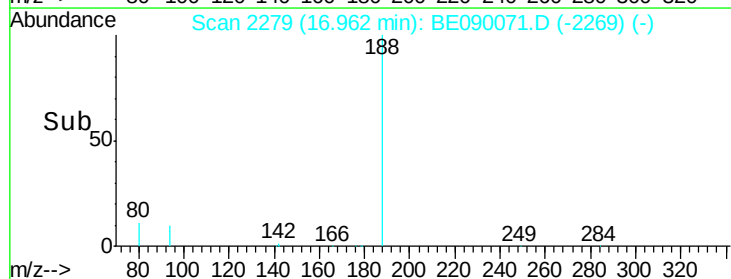
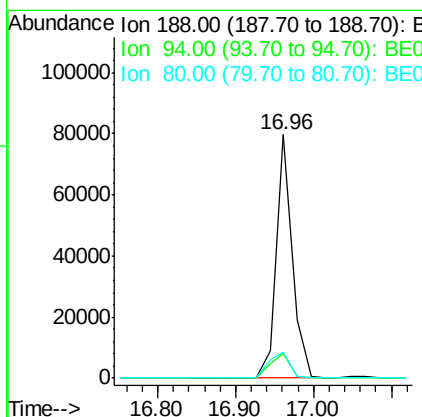
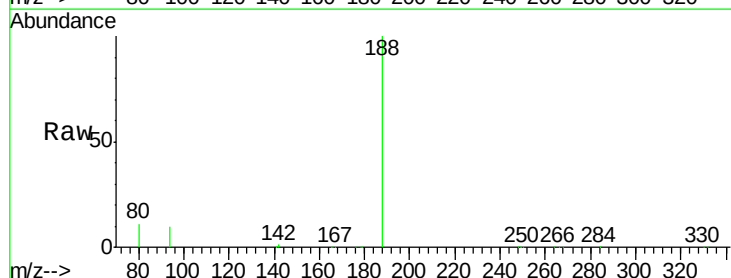
Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625MS

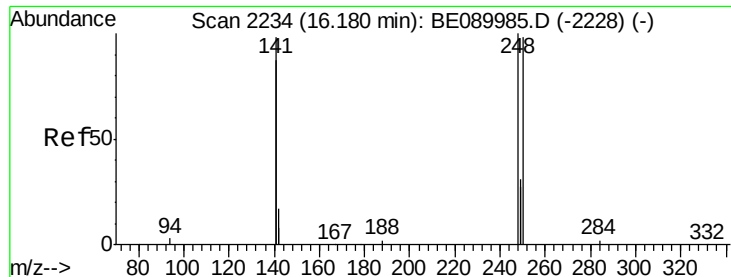
Tgt Ion:166 Resp: 64480
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 13.7 11.8 17.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BE090071.D
Acq: 8 Jul 2015 22:44

Tgt Ion:188 Resp: 112948
Ion Ratio Lower Upper
188 100
94 9.9 4.1 6.1#
80 10.8 4.2 6.2#

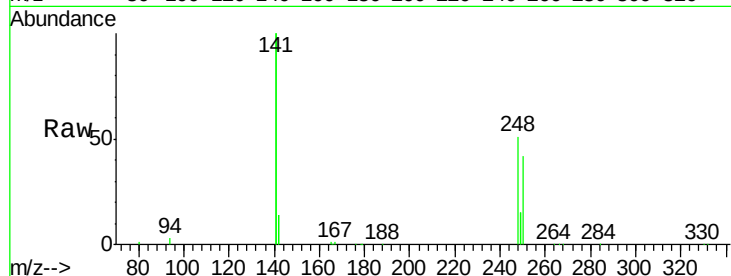




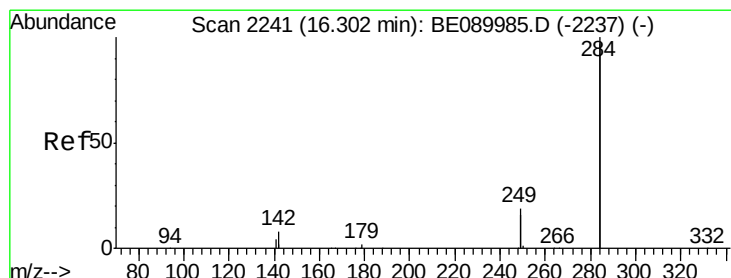
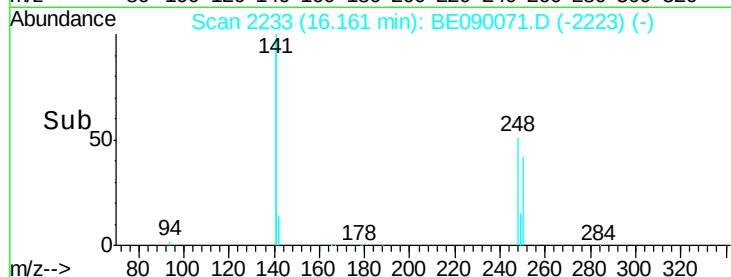
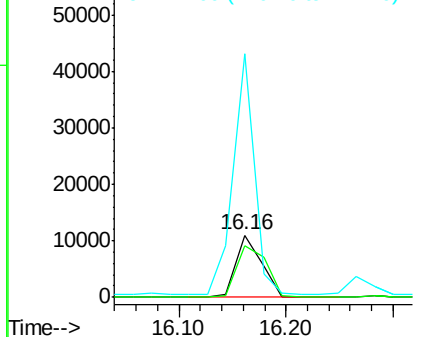
#19
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE090071.D
Acq: 8 Jul 2015 22:44

Instrument :
BNA_E
ClientSampleId :
X1SS0720006-150625MS

Tgt Ion:248 Resp: 17670
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 324.7 248.1 372.1

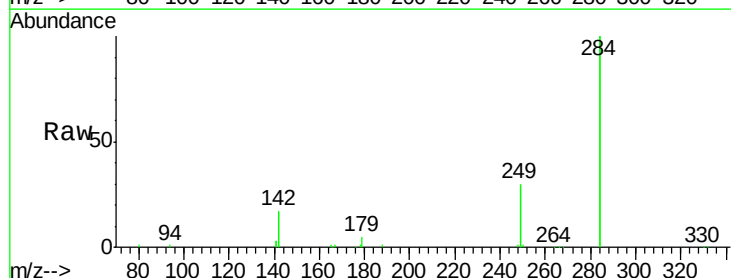


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

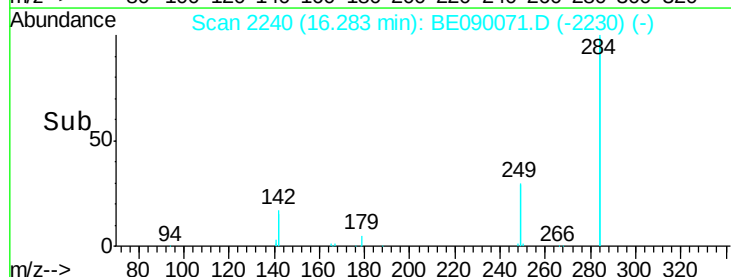
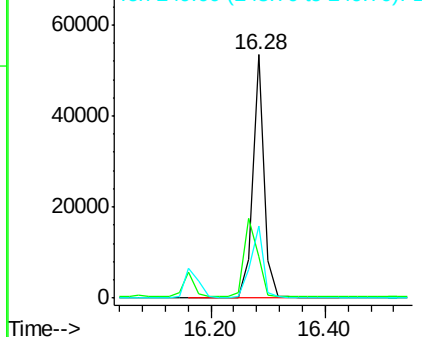


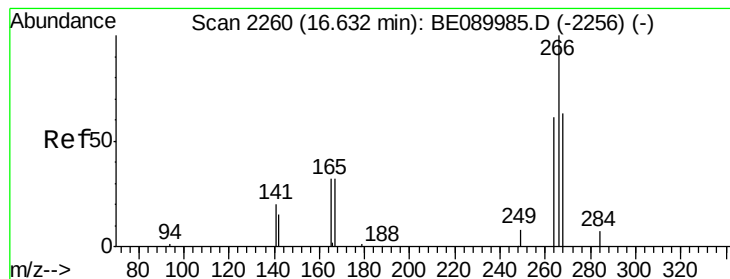
#20
Hexachlorobenzene
Concen: 3.65 ng
RT: 16.28 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BE090071.D
Acq: 8 Jul 2015 22:44

Tgt Ion:284 Resp: 72980
Ion Ratio Lower Upper
284 100
142 38.4 32.6 49.0
249 32.7 25.5 38.3



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





#21

Pentachlorophenol

Concen: 7.85 ng

RT: 16.63 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

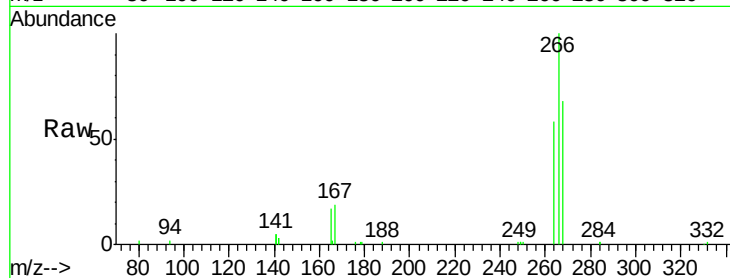
Tgt Ion:266 Resp: 20083

Ion Ratio Lower Upper

266 100

268 68.3 51.8 77.8

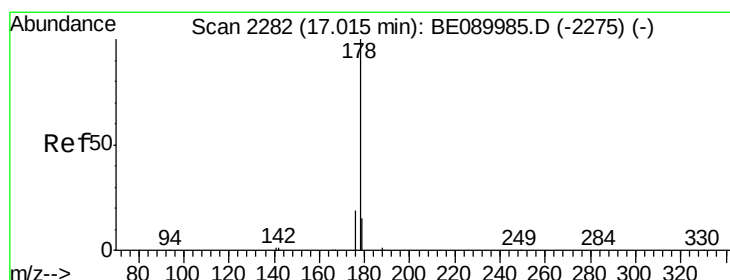
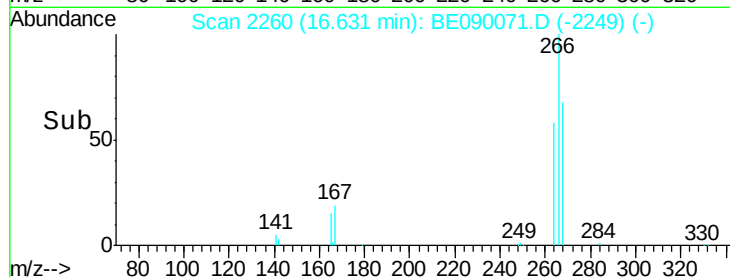
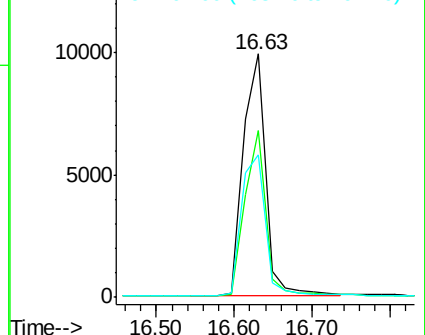
264 58.4 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 4.02 ng

RT: 17.00 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

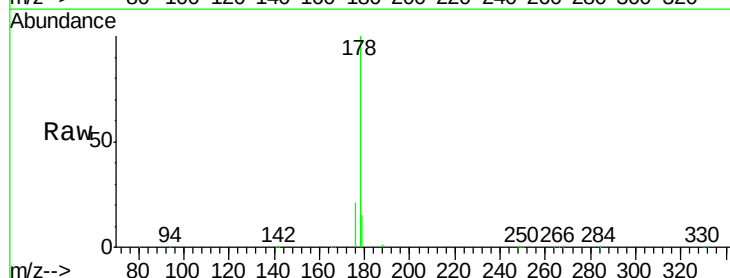
Tgt Ion:178 Resp: 116331

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

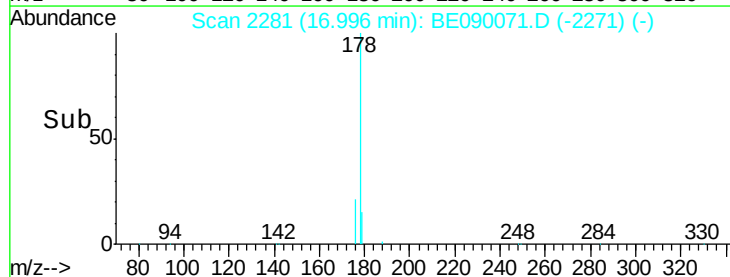
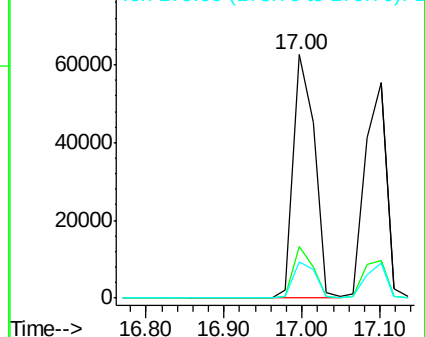
179 15.5 12.4 18.6

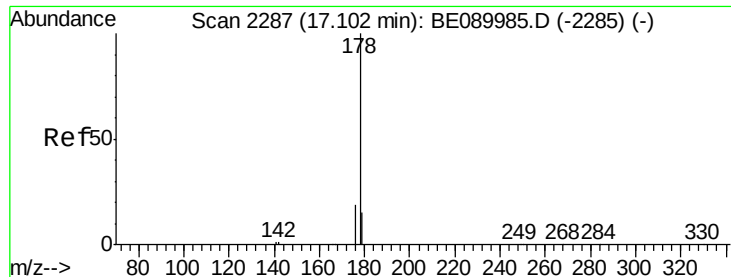


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 3.96 ng

RT: 17.10 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

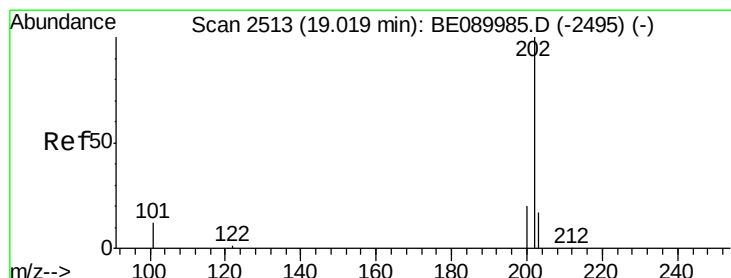
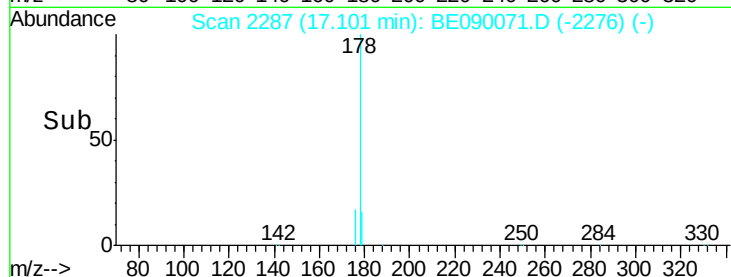
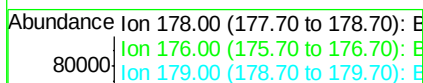
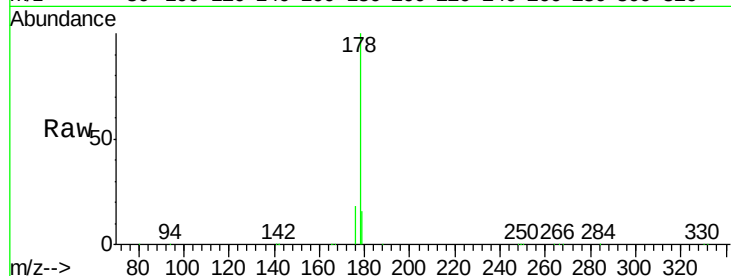
Tgt Ion:178 Resp: 104783

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.1 18.1



#24

Fluoranthene

Concen: 5.34 ng

RT: 19.00 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

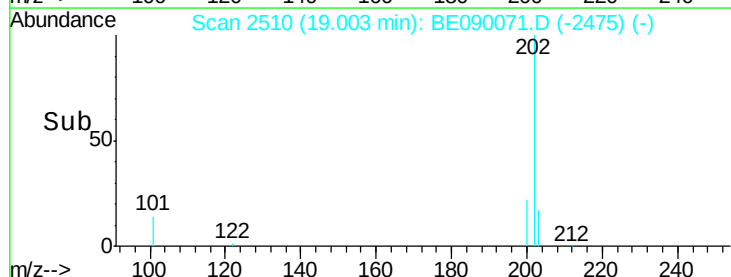
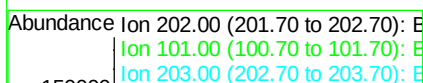
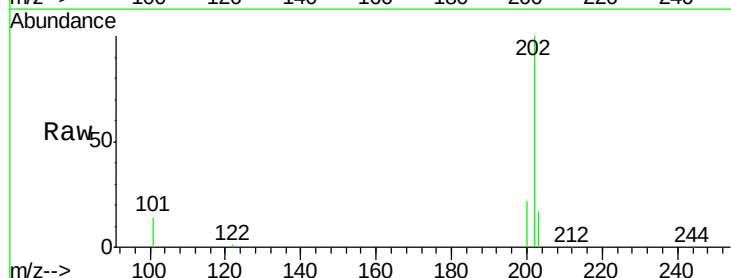
Tgt Ion:202 Resp: 172524

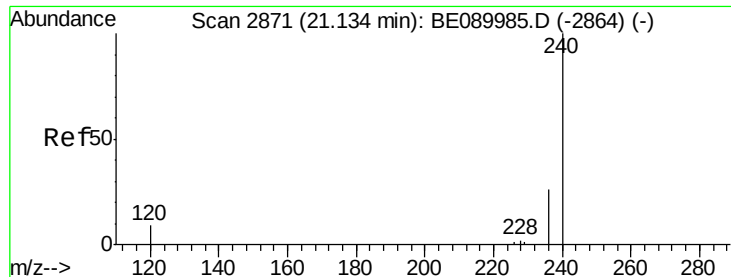
Ion Ratio Lower Upper

202 100

101 13.6 10.6 15.8

203 17.3 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

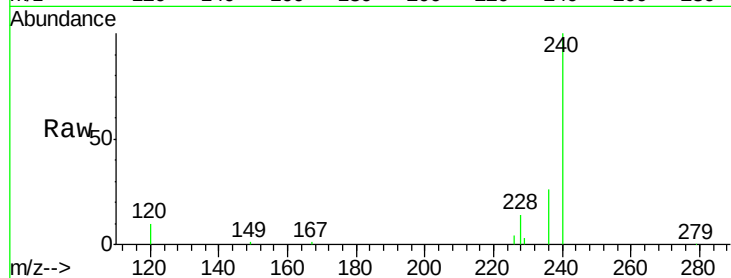
Tgt Ion:240 Resp: 123339

Ion Ratio Lower Upper

240 100

120 9.9 6.9 10.3

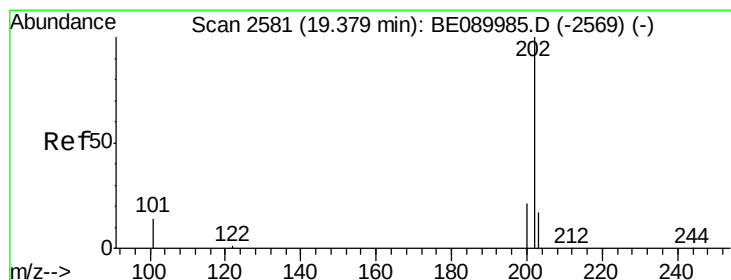
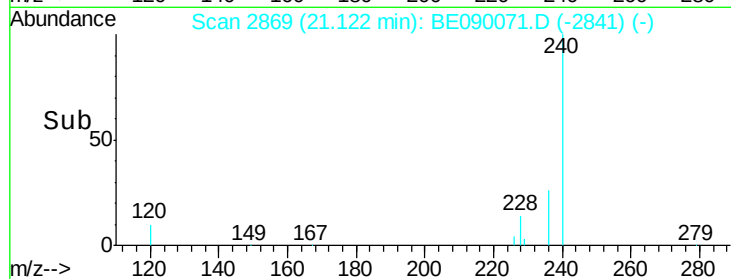
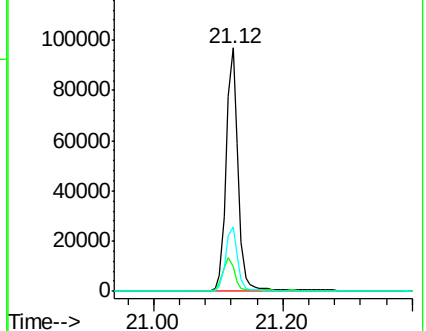
236 26.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 5.97 ng

RT: 19.37 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

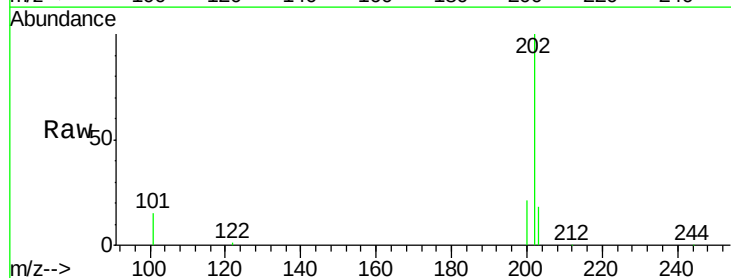
Tgt Ion:202 Resp: 175514

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

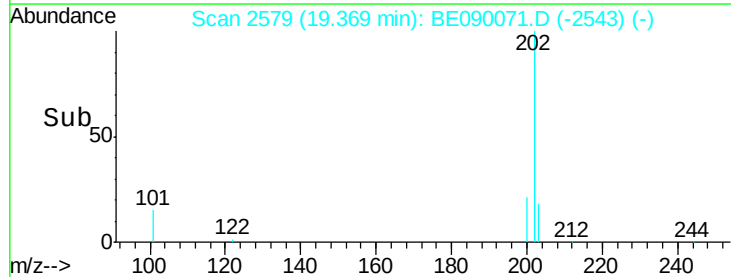
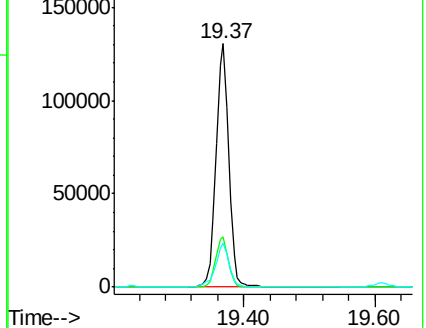
203 19.0 13.9 20.9

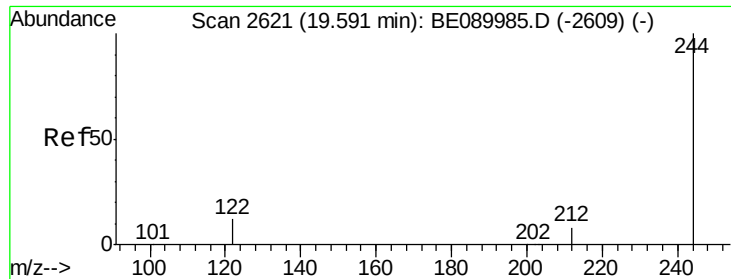


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

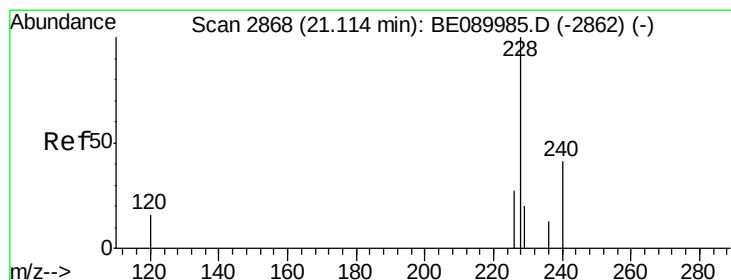
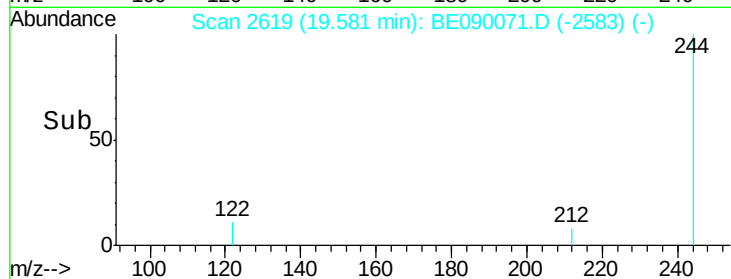
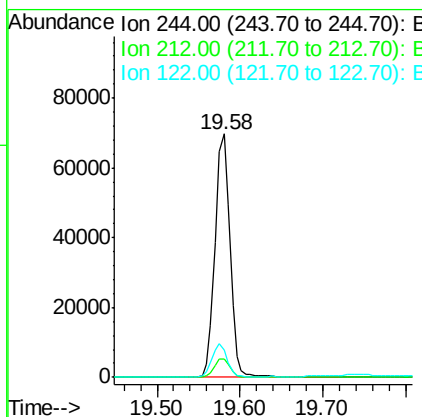
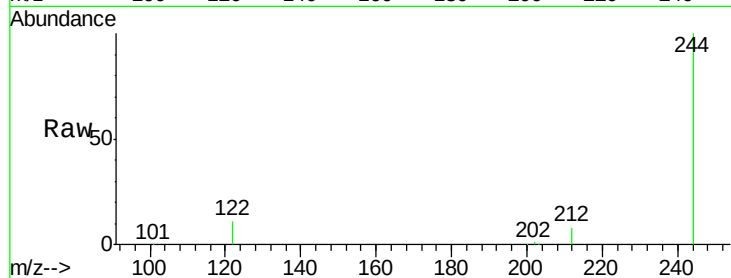




#27
 Terphenyl-d14
 Concen: 4.25 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BE090071.D
 Acq: 8 Jul 2015 22:44

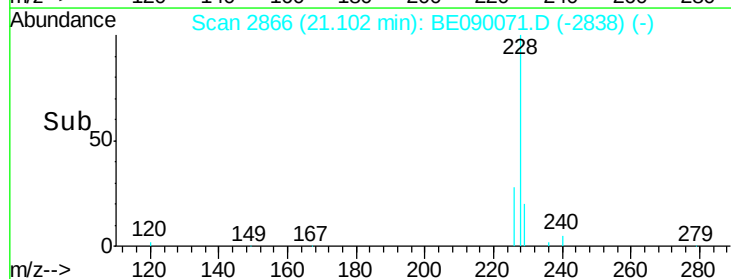
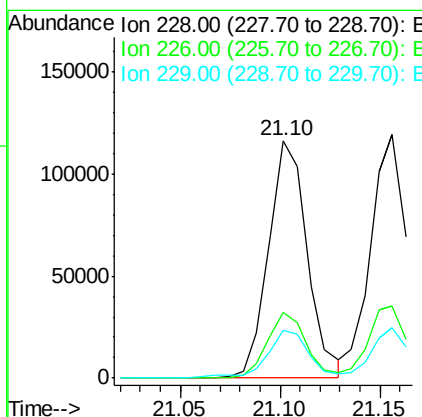
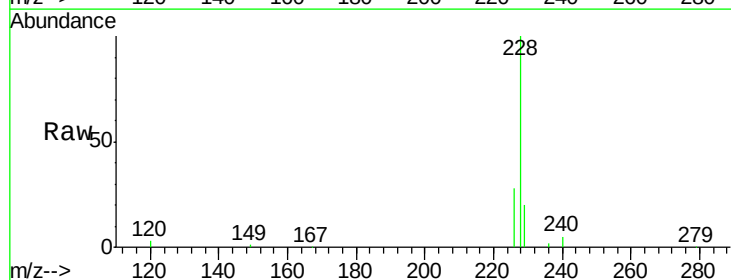
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0720006-150625MS

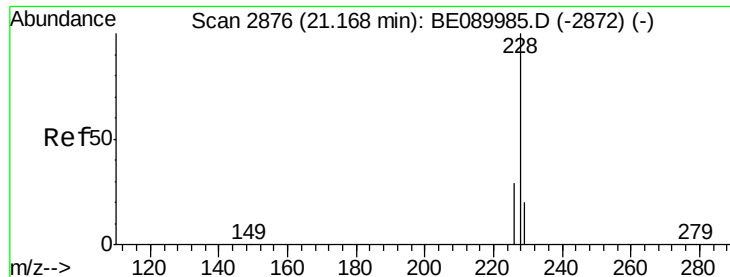
Tgt Ion: 244 Resp: 87374
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 11.4 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 5.05 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BE090071.D
 Acq: 8 Jul 2015 22:44

Tgt Ion: 228 Resp: 155673
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.8 32.6
 229 19.8 15.8 23.6





#29

Chrysene

Concen: 4.82 ng

RT: 21.16 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

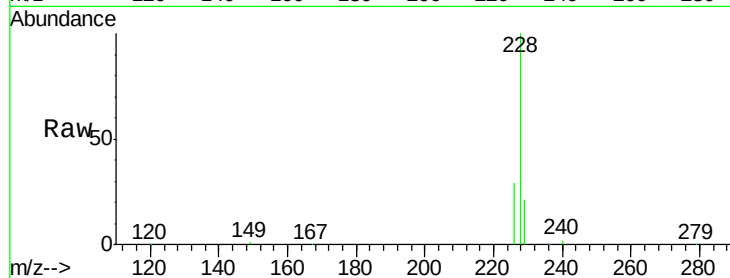
Tgt Ion:228 Resp: 154234

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

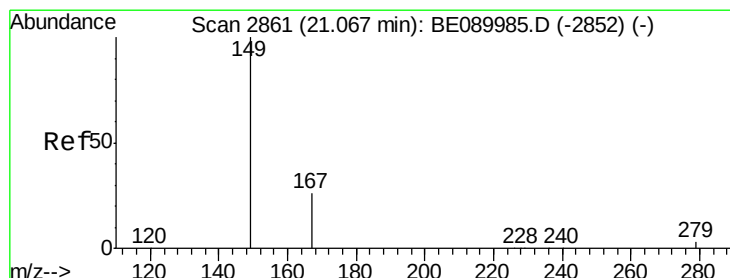
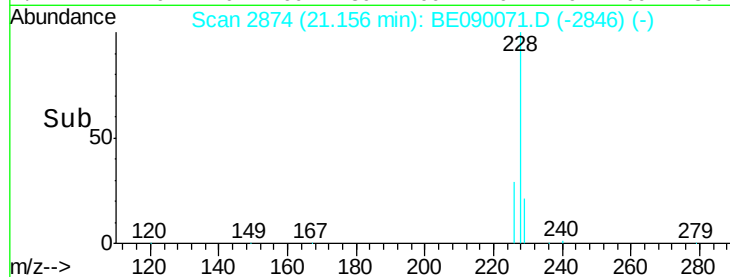
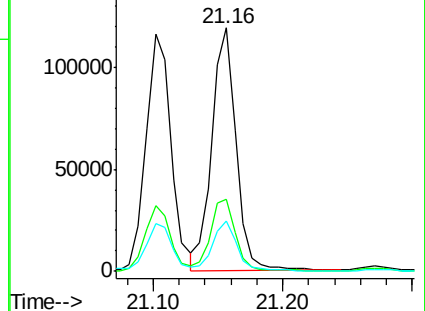
229 20.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.27 ng

RT: 21.05 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

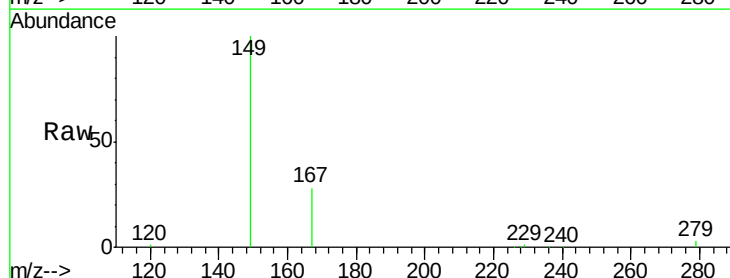
Tgt Ion:149 Resp: 74951

Ion Ratio Lower Upper

149 100

167 26.9 20.3 30.5

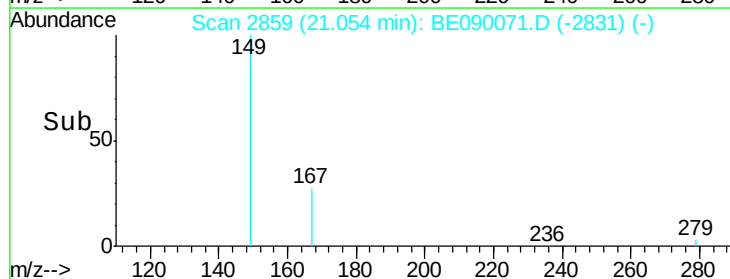
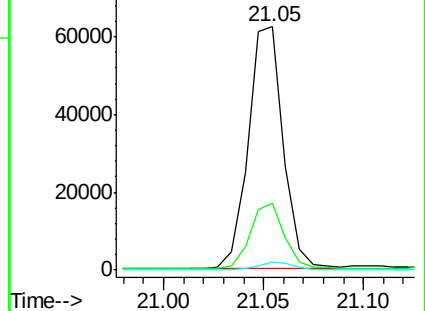
279 3.0 2.6 3.8

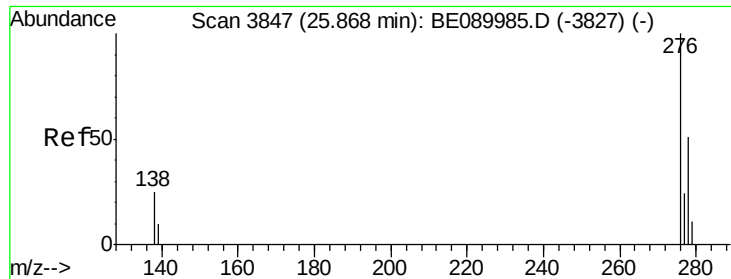


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.78 ng

RT: 25.84 min Scan# 3840

Delta R.T. -0.03 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

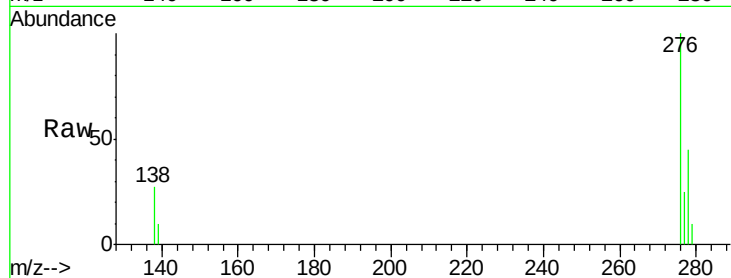
Tgt Ion:276 Resp: 146520

Ion Ratio Lower Upper

276 100

138 27.2 21.3 31.9

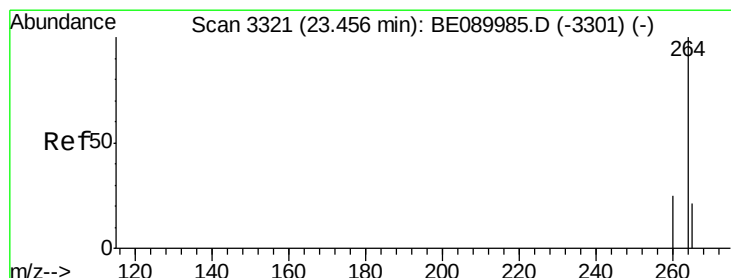
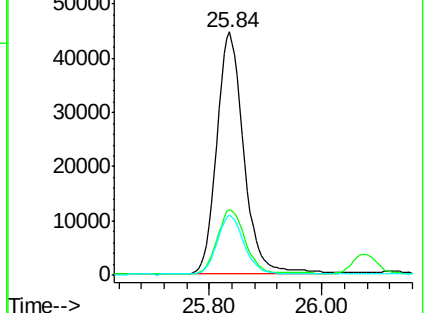
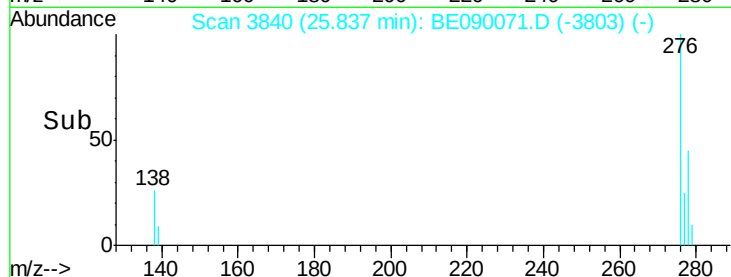
277 23.8 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3317

Delta R.T. -0.02 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

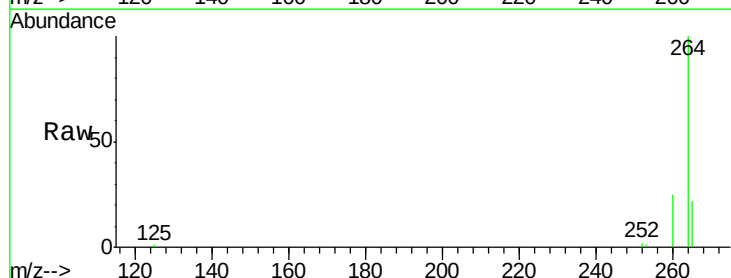
Tgt Ion:264 Resp: 115156

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

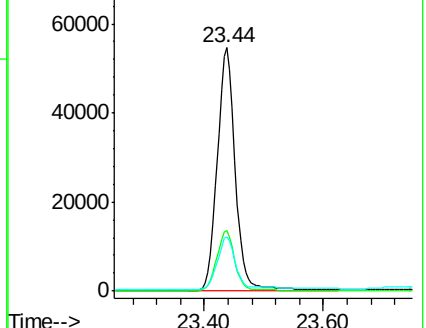
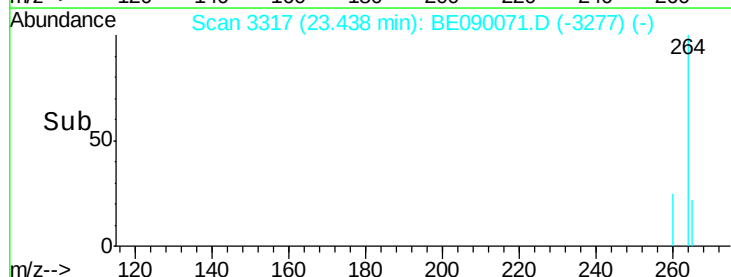
265 22.3 17.1 25.7

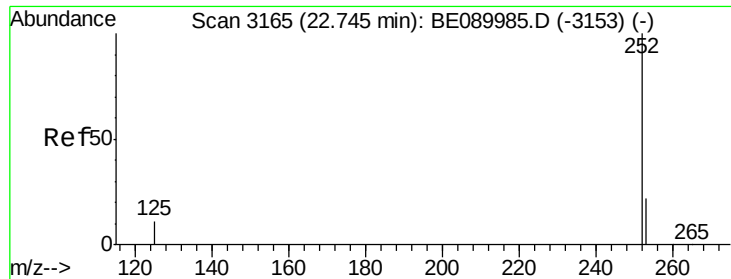


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 6.41 ng

RT: 22.73 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

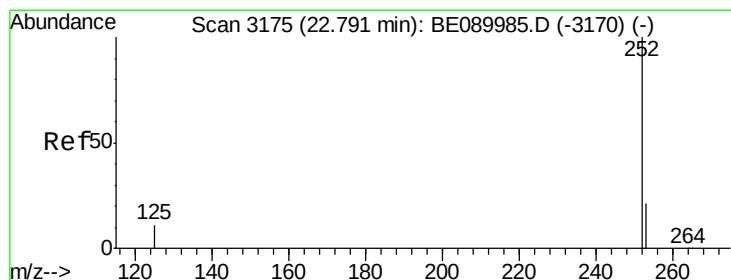
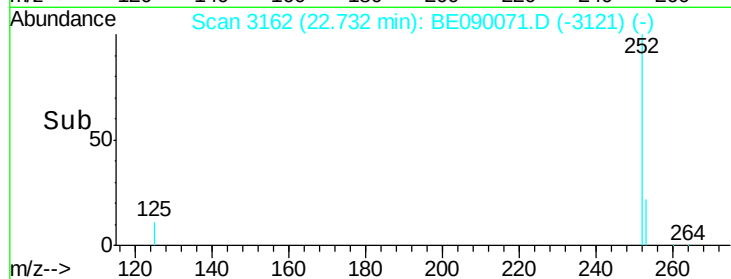
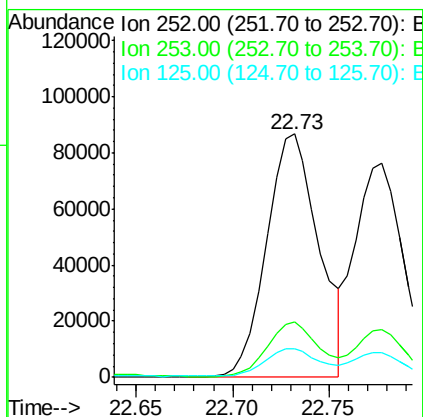
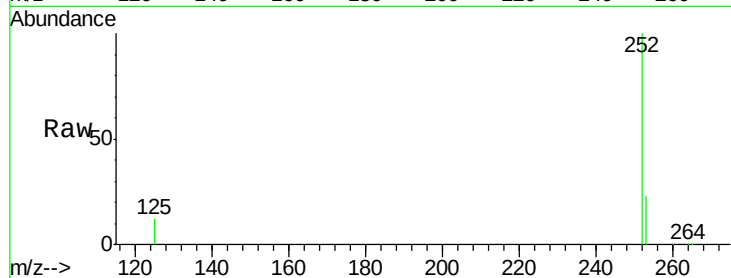
Tgt Ion:252 Resp: 162904

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 11.8 9.0 13.4



#34

Benzo(k)fluoranthene

Concen: 4.84 ng

RT: 22.78 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

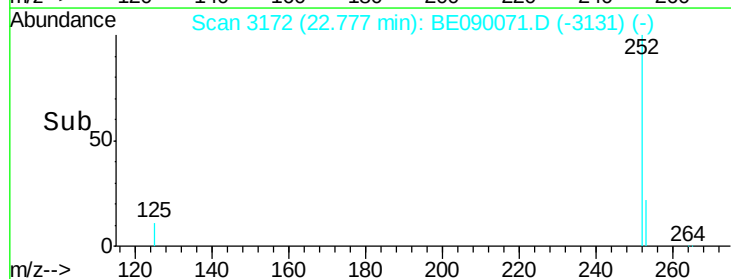
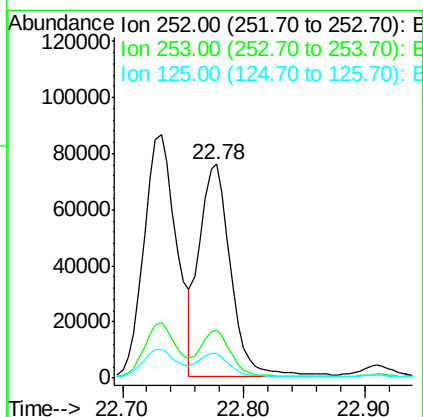
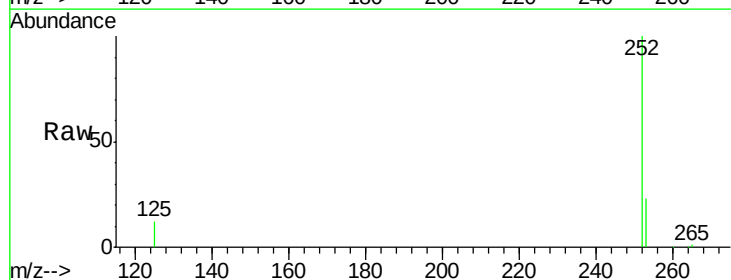
Tgt Ion:252 Resp: 137415

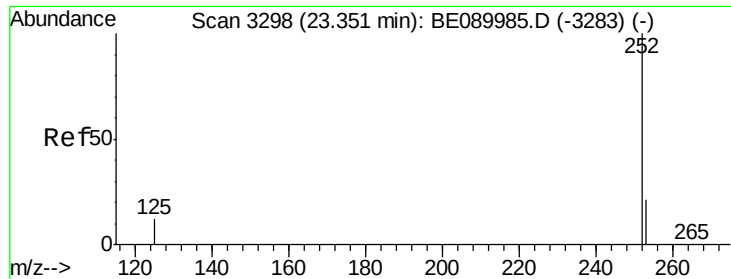
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 11.7 9.5 14.3





#35

Benzo(a)pyrene

Concen: 6.17 ng

RT: 23.33 min Scan# 3293

Delta R.T. -0.02 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS

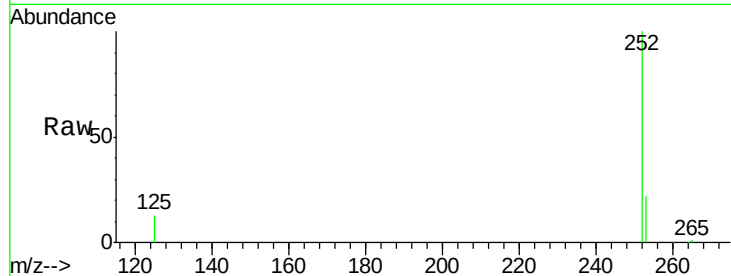
Tgt Ion:252 Resp: 144671

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

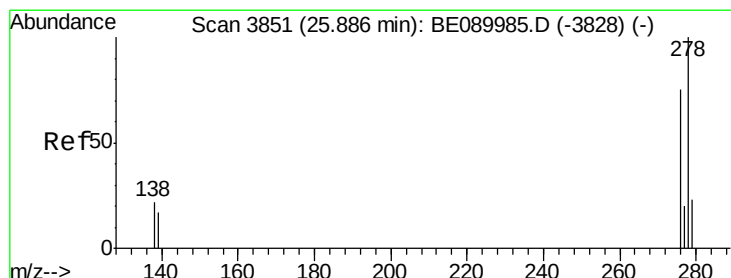
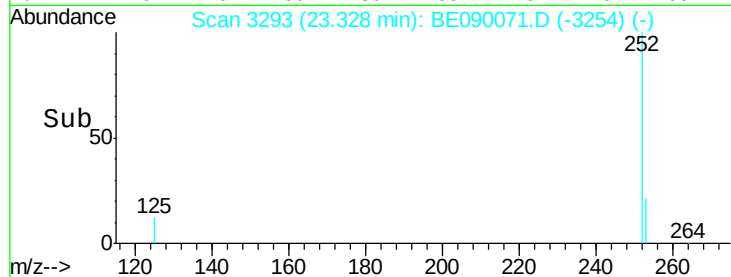
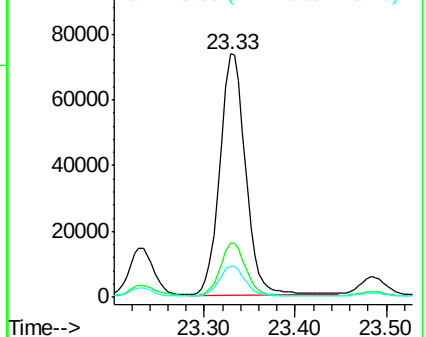
125 13.0 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 4.25 ng

RT: 25.86 min Scan# 3845

Delta R.T. -0.03 min

Lab File: BE090071.D

Acq: 8 Jul 2015 22:44

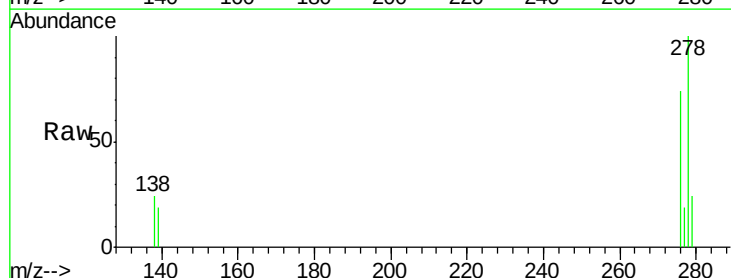
Tgt Ion:278 Resp: 102419

Ion Ratio Lower Upper

278 100

139 18.8 14.4 21.6

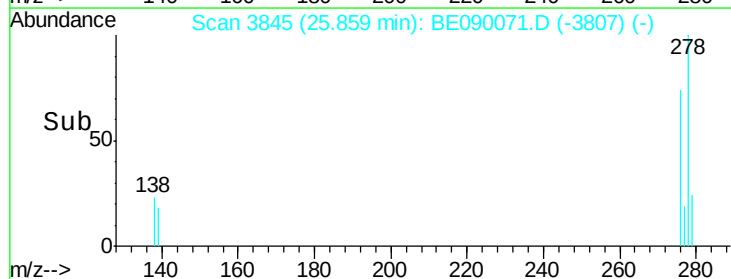
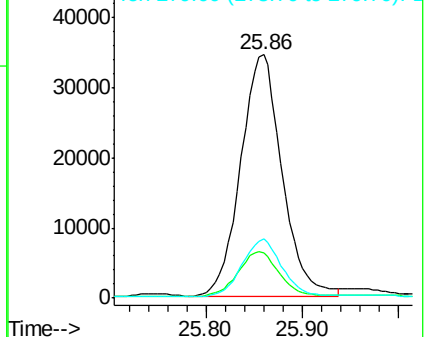
279 24.2 19.0 28.6

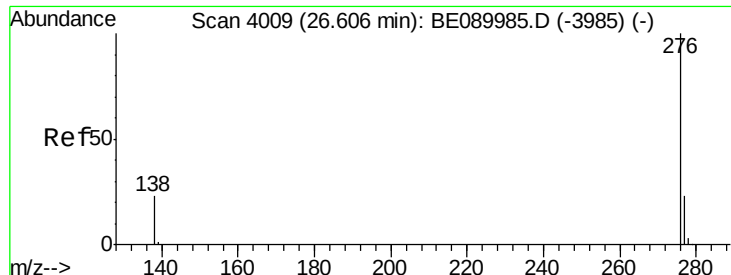


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 5.30 ng

RT: 26.57 min Scan# 4001

Delta R.T. -0.04 min

Lab File: BE090071.D

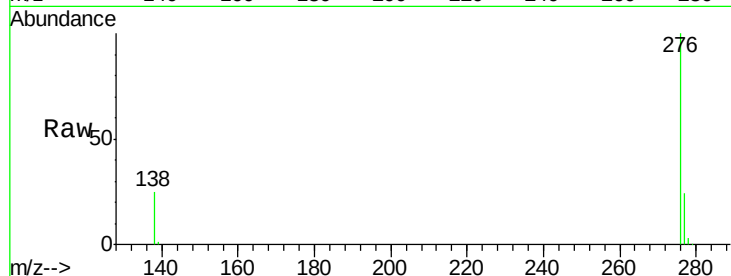
Acq: 8 Jul 2015 22:44

Instrument :

BNA_E

ClientSampleId :

X1SS0720006-150625MS



Tgt Ion: 276 Resp: 129428

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 25.1 18.6 27.8

