

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
 Data File : BE090678.D
 Acq On : 1 Sep 2015 22:21
 Operator : UM/IZ
 Sample : G3462-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 02 03:04:08 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 01:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46704	5.00	ng	0.00
6) Naphthalene-d8	10.32	136	200446	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	105470	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	277511	5.00	ng	0.00
25) Chrysene-d12	21.07	240	351139	5.00	ng	0.00
32) Perylene-d12	23.36	264	318665	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	16794	1.86	ng	0.00
5) Phenol-d6	6.76	99	13050	1.00	ng	0.00
7) Nitrobenzene-d5	8.72	82	34084	2.57	ng	0.01
13) 2,4,6-Tribromophenol	15.68	330	20740	6.72	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	82780	2.83	ng	0.00
27) Terphenyl-d14	19.53	244	216453	5.57	ng	0.00

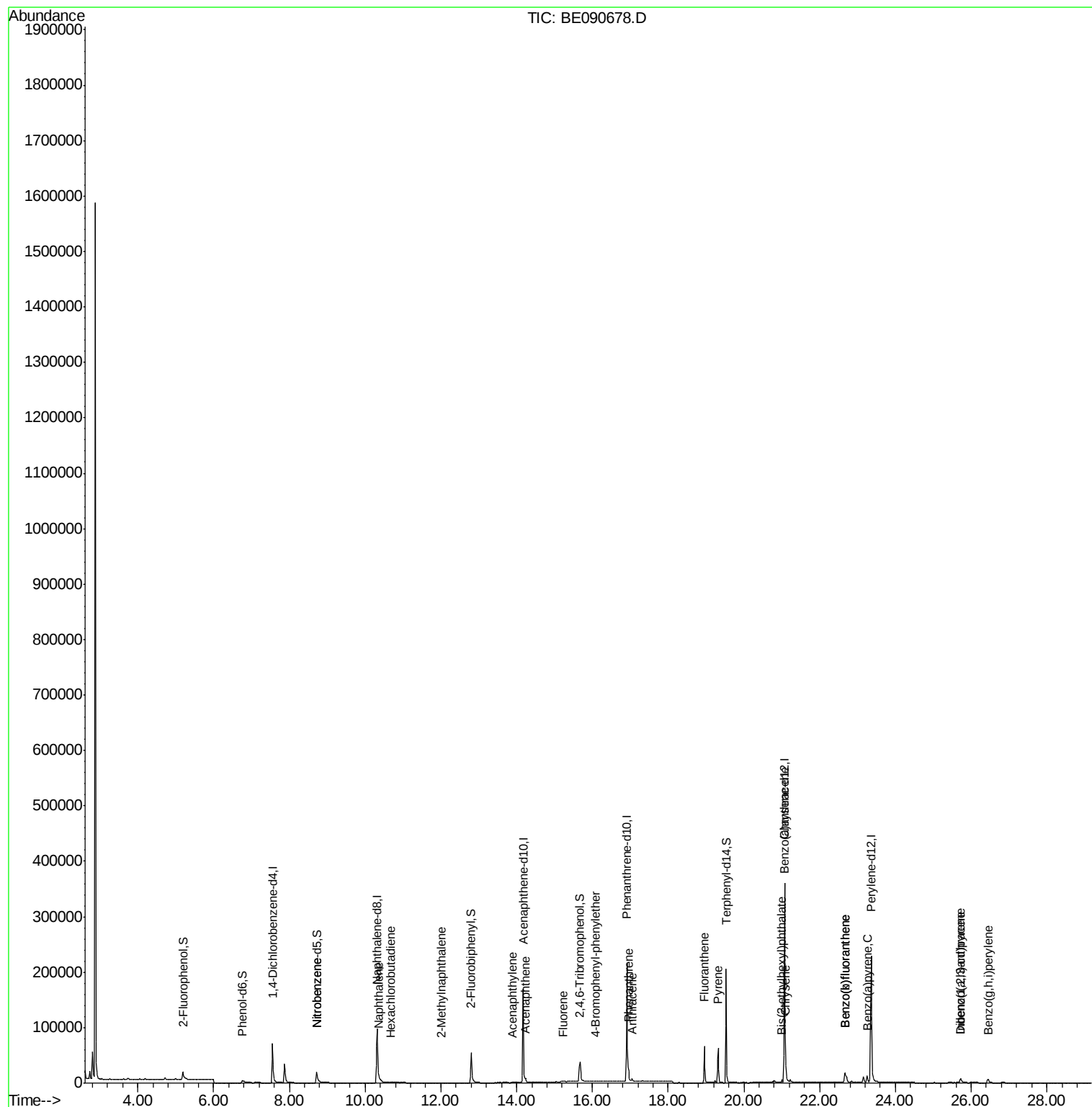
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	163	Below Cal	#	57
3) n-Nitrosodimethylamine	3.45	42	59	Below Cal	#	39
8) Nitrobenzene	8.73	77	134	0.12	ng	64
9) Naphthalene	10.36	128	542	0.01	ng	50
10) Hexachlorobutadiene	10.68	225	9	0.00	ng	78
11) 2-Methylnaphthalene	12.01	142	208	0.01	ng	74
15) Acenaphthylene	13.89	152	2225	0.01	ng	97
16) Acenaphthene	14.23	154	1052	0.04	ng	90
17) Fluorene	15.24	166	1358	0.04	ng	91
19) 4-Bromophenyl-phenylether	16.09	248	32	0.00	ng	1
20) Hexachlorobenzene	16.23	284	127	Below Cal	#	37
21) Pentachlorophenol	16.60	266	170	Below Cal	#	62
22) Phenanthrene	16.95	178	25947	0.38	ng	99
23) Anthracene	17.05	178	6225	0.11	ng	96
24) Fluoranthene	18.96	202	65390	0.90	ng	99
26) Pyrene	19.32	202	61188	0.84	ng	96
28) Benzo(a)anthracene	21.06	228	30182	0.38	ng	98
29) Chrysene	21.11	228	30895	0.31	ng	98
30) Bis(2-ethylhexyl)phthalate	21.01	149	4579	0.29	ng	95
31) Indeno(1,2,3-cd)pyrene	25.73	276	13597	0.16	ng	92
33) Benzo(b)fluoranthene	22.67	252	32730	0.47	ng	98
34) Benzo(k)fluoranthene	22.67	252	32730	0.41	ng	97
35) Benzo(a)pyrene	23.26	252	19614	0.32	ng	95
36) Dibenzo(a,h)anthracene	25.73	278	3019	0.18	ng	83
37) Benzo(g,h,i)perylene	26.45	276	15163	0.21	ng	95

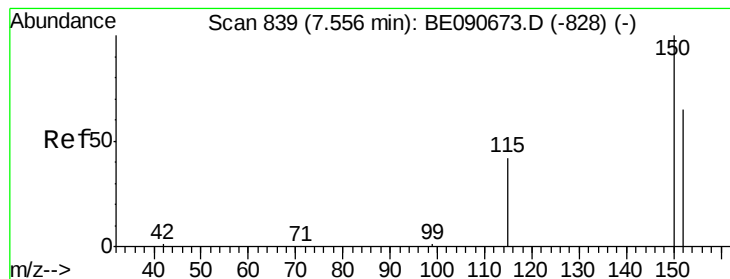
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.56 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

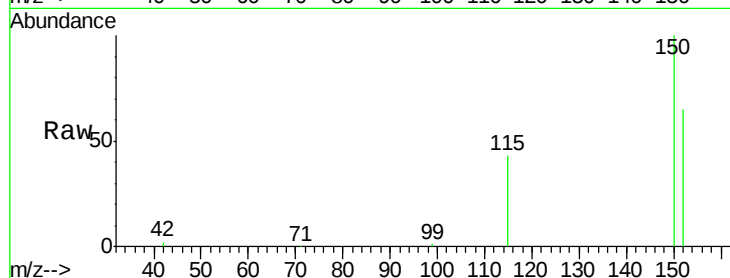
Tot Ion:152 Resp: 46704

Ion Ratio Lower Upper

152 100

150 153.1 122.2 183.4

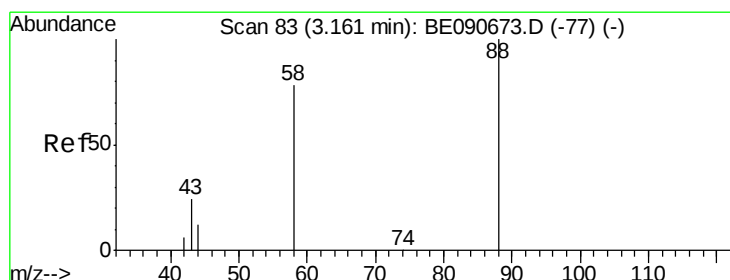
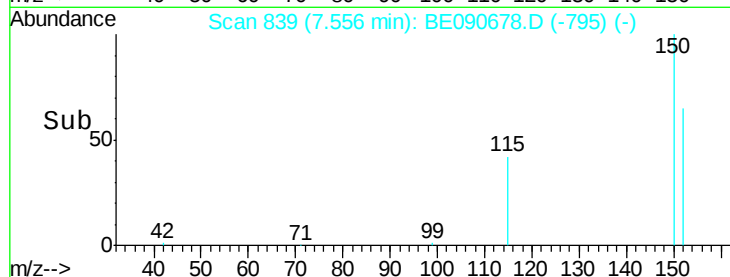
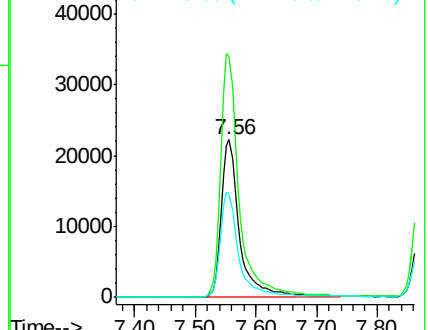
115 65.1 51.0 76.4



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: Below Cal

RT: 3.16 min Scan# 83

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

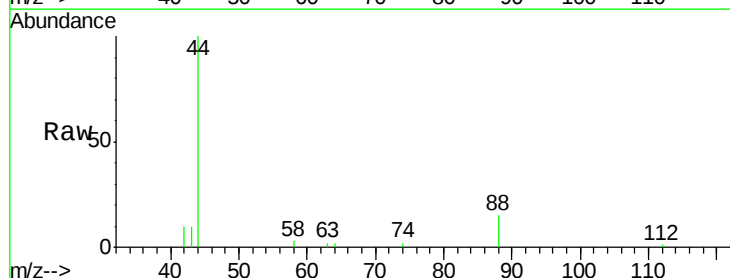
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

58 63.2 68.4 102.6#

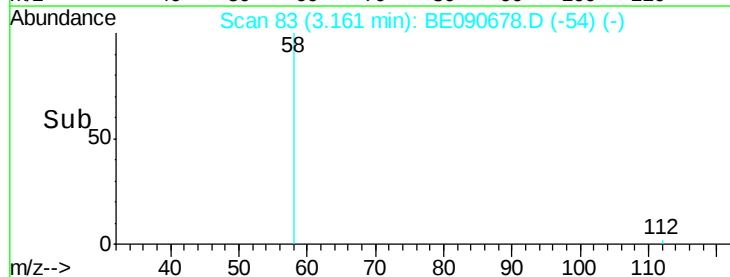
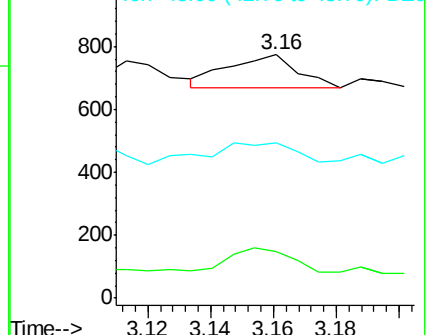
43 85.3 26.9 40.3#



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



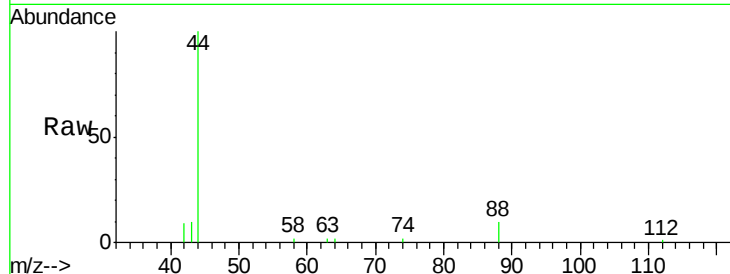


#3

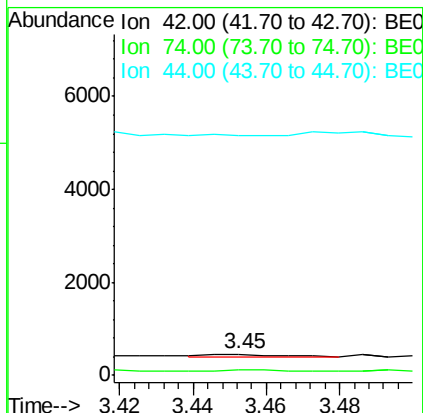
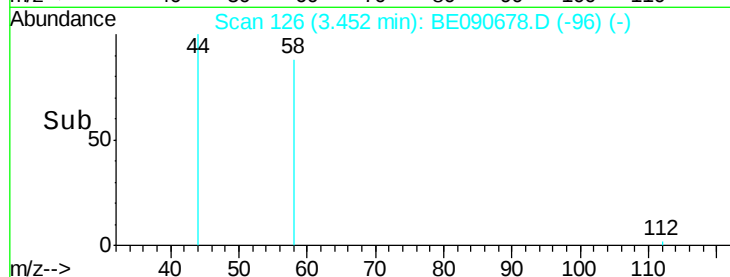
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 39.0 83.7 125.5#
44 0.0 10.0 15.0#



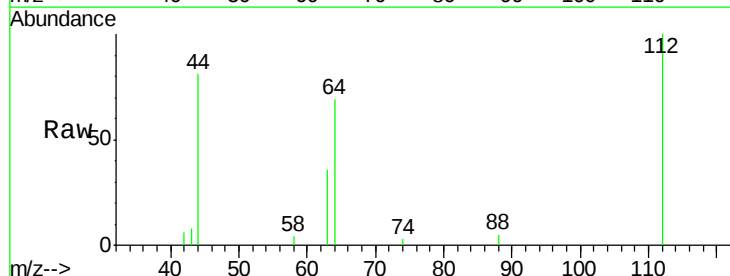
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



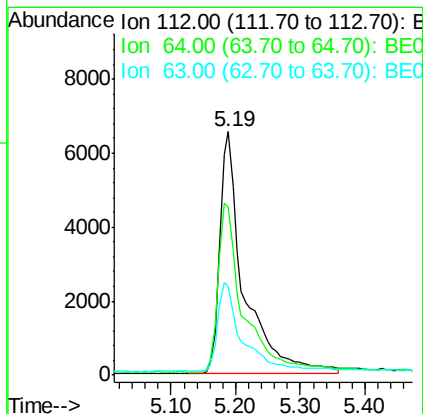
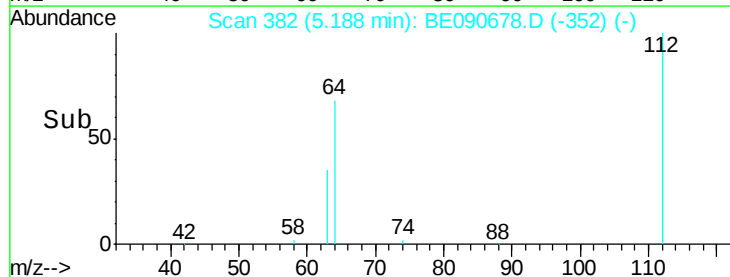
#4

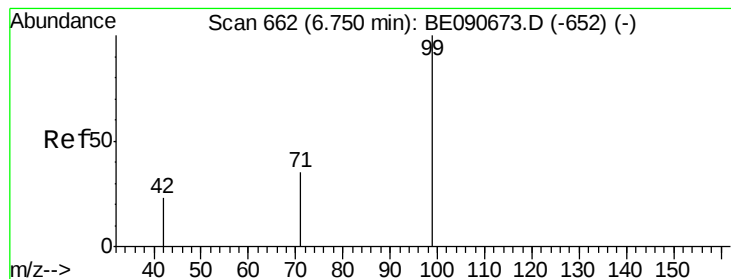
2-Fluorophenol
Concen: 1.86 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion: 112 Resp: 16794
Ion Ratio Lower Upper
112 100
64 73.1 57.3 85.9
63 37.7 29.2 43.8



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: 1.00 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

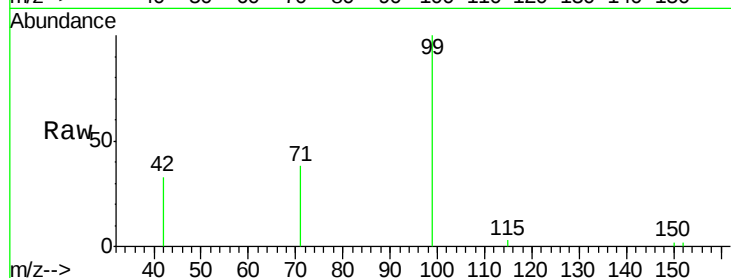
Tot Ion: 99 Resp: 13050

Ion Ratio Lower Upper

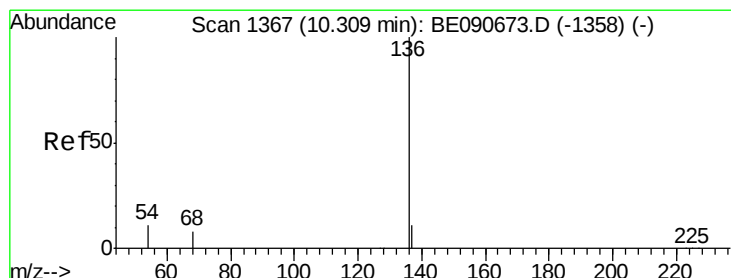
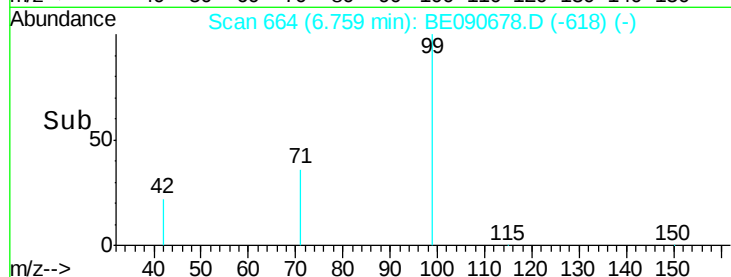
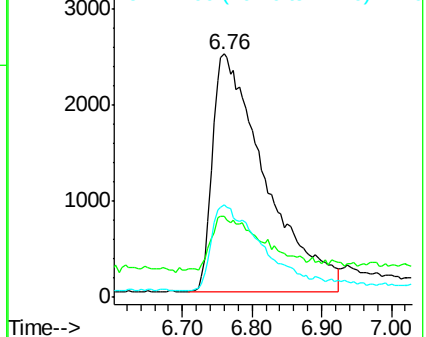
99 100

42 21.3 16.8 25.2

71 34.5 28.3 42.5



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: 10.32 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Tgt Ion: 136 Resp: 200446

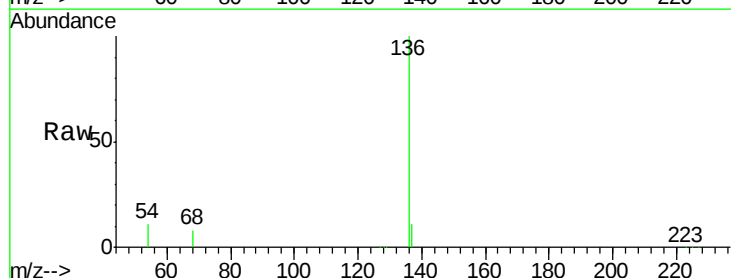
Ion Ratio Lower Upper

136 100

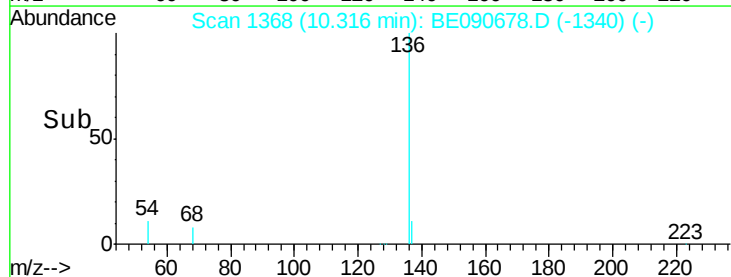
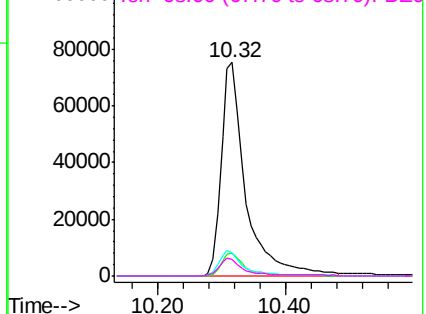
137 11.1 8.7 13.1

54 10.7 9.0 13.6

68 7.7 6.3 9.5



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: 2.57 ng

RT: 8.72 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

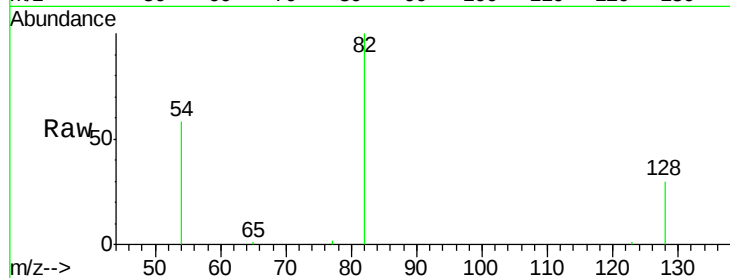
Tot Ion: 82 Resp: 34084

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.4

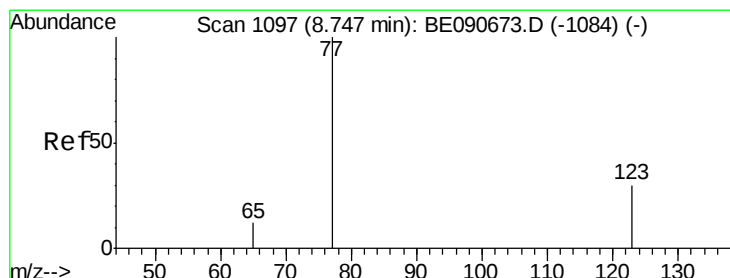
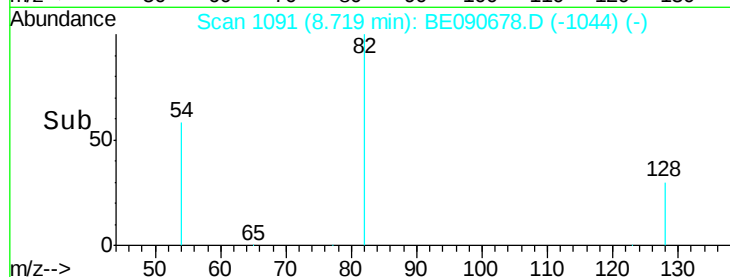
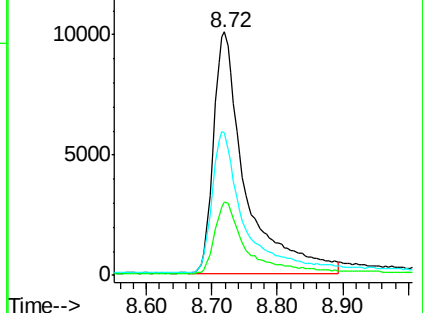
54 58.3 46.3 69.5



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: 0.12 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

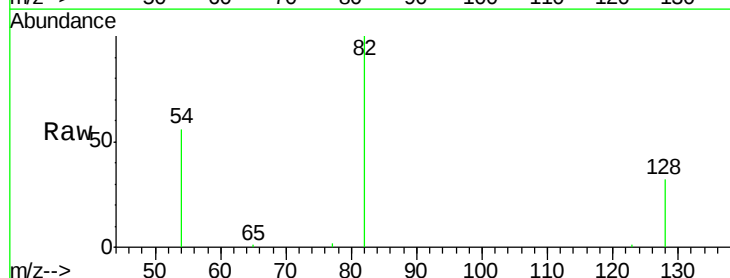
Tgt Ion: 77 Resp: 134

Ion Ratio Lower Upper

77 100

123 7.5 25.1 37.7#

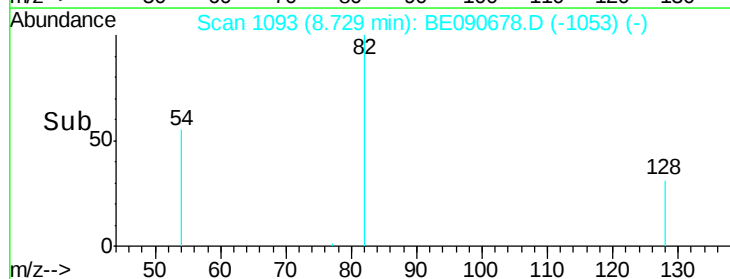
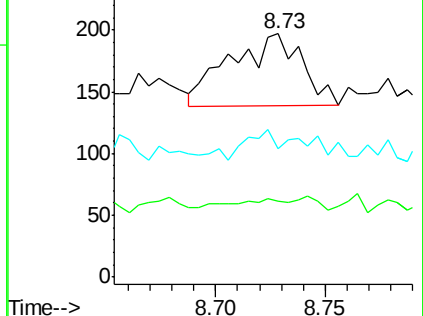
65 19.4 9.9 14.9#



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: 0.01 ng

RT: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

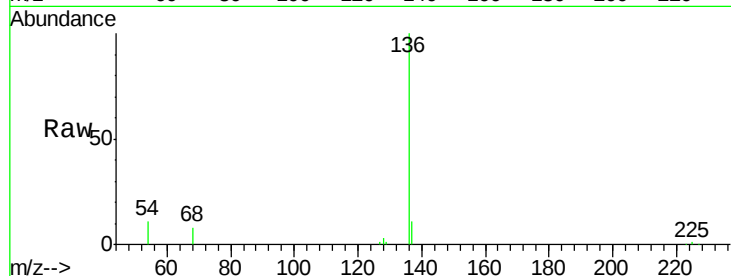
Tot Ion:128 Resp: 542

Ion Ratio Lower Upper

128 100

129 32.8 9.0 13.6#

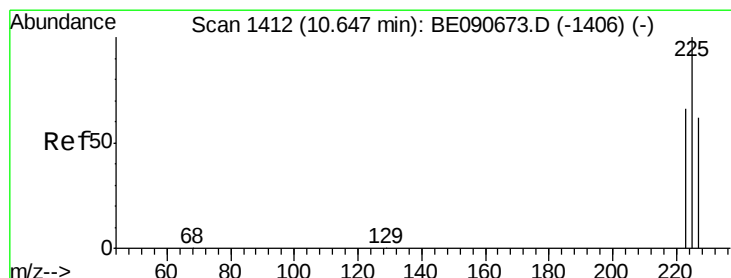
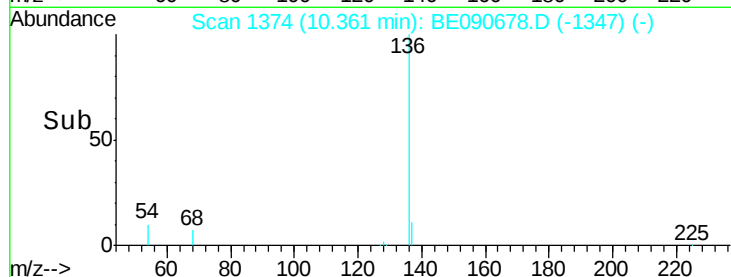
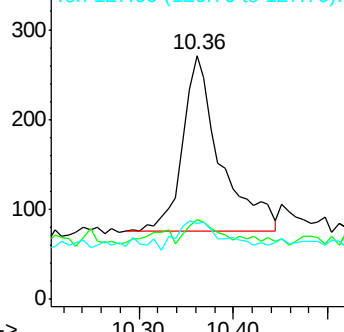
127 31.0 10.6 15.8#



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: 0.00 ng

RT: 10.68 min Scan# 1417

Delta R.T. 0.04 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

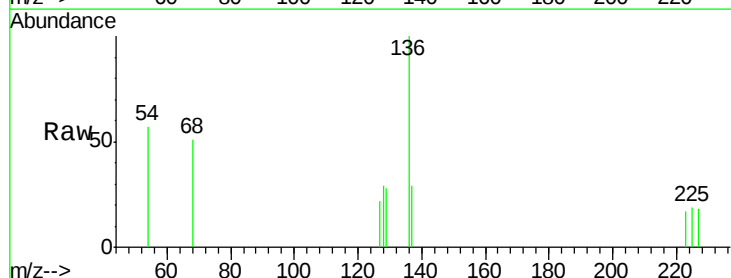
Tgt Ion:225 Resp: 9

Ion Ratio Lower Upper

225 100

223 88.9 50.6 76.0#

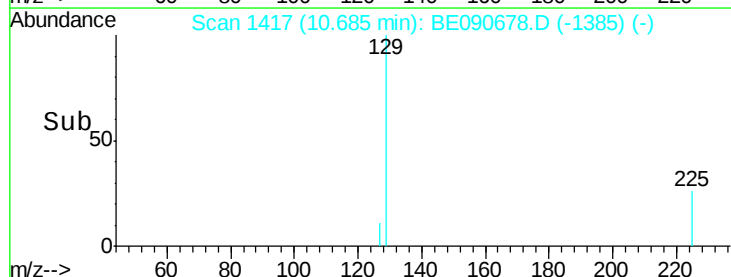
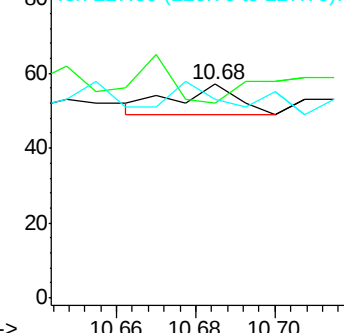
227 55.6 51.0 76.6



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: 0.01 ng

RT: 12.01 min Scan# 1649

Delta R.T. 0.02 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

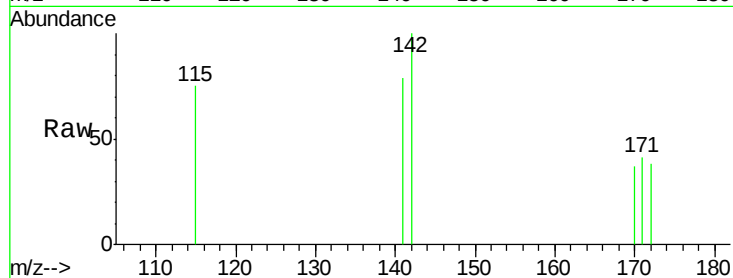
Tot Ion:142 Resp: 208

Ion Ratio Lower Upper

142 100

141 79.1 71.4 107.2

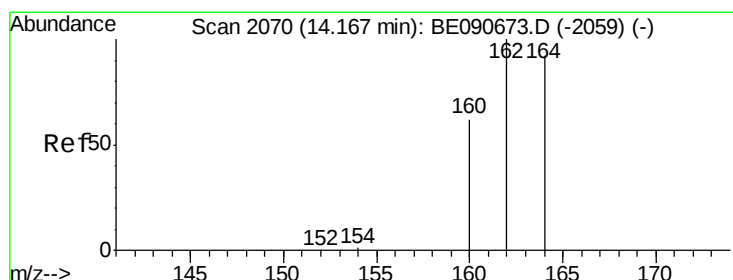
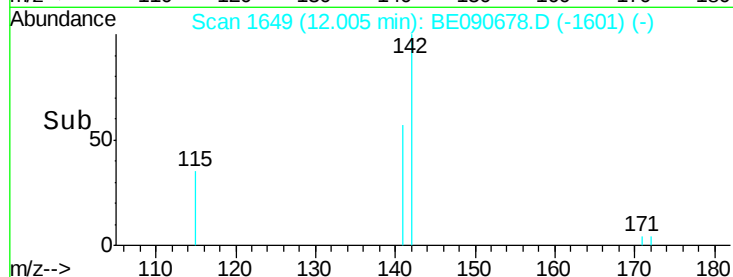
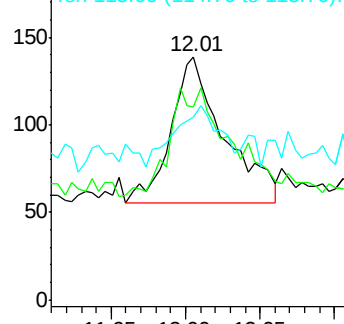
115 74.8 31.0 46.4#



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: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

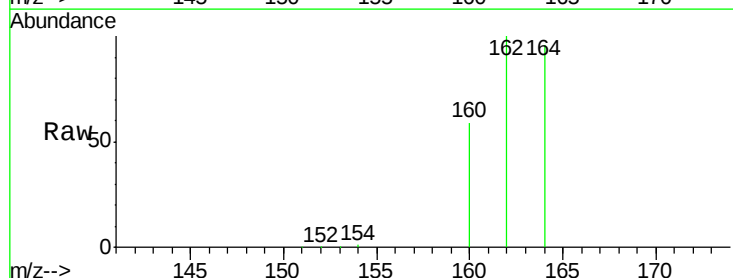
Tgt Ion:164 Resp: 105470

Ion Ratio Lower Upper

164 100

162 104.6 86.8 130.2

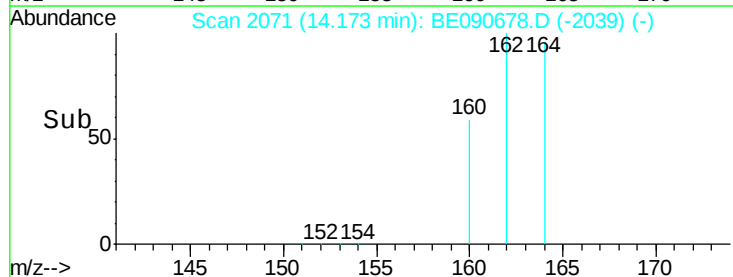
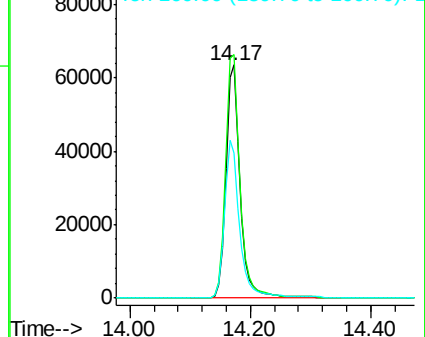
160 62.2 53.9 80.9



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

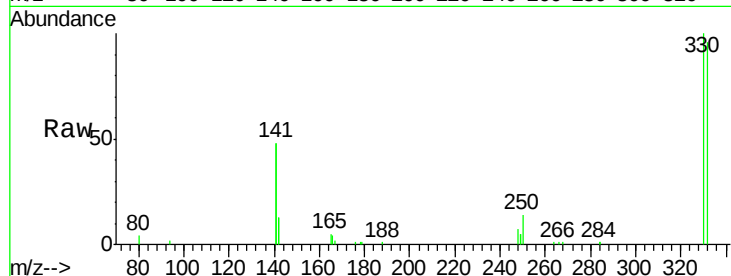




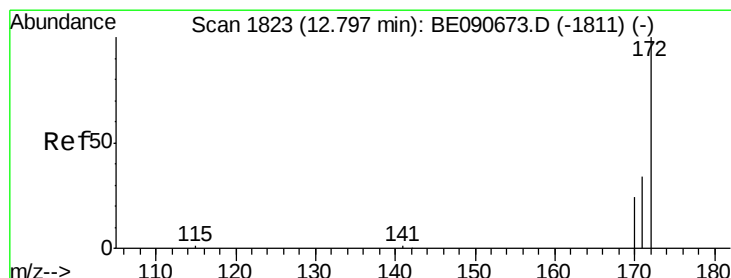
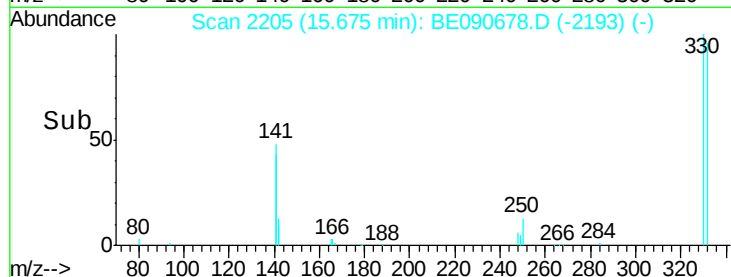
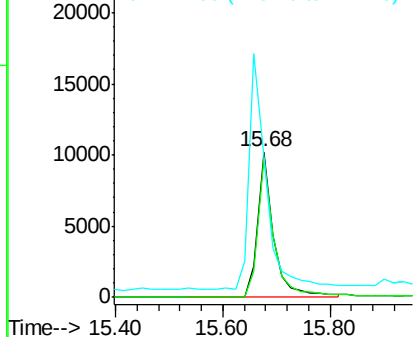
#13
 2,4,6-Tribromophenol
 Concen: 6.72 ng
 RT: 15.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE090678.D
 Acq: 1 Sep 2015 22:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 20740
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.9 112.3
 141 177.5 145.2 217.8

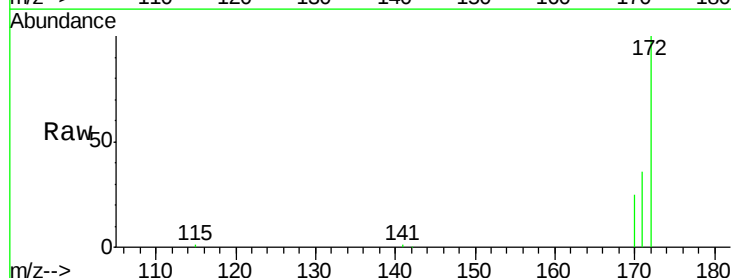


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

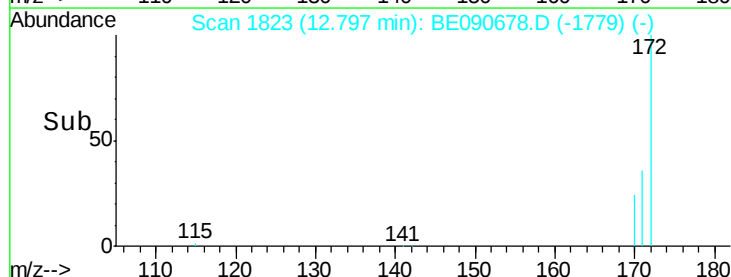
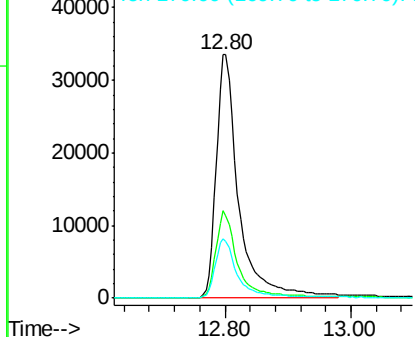


#14
 2-Fluorobiphenyl
 Concen: 2.83 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090678.D
 Acq: 1 Sep 2015 22:21

Tgt Ion:172 Resp: 82780
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.8 41.8
 170 24.5 19.8 29.6



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: 0.01 ng

RT: 13.89 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

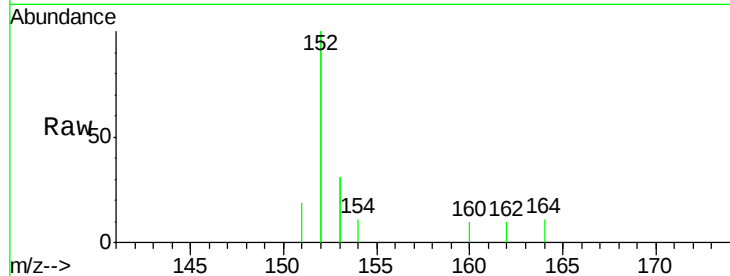
Tot Ion:152 Resp: 2225

Ion Ratio Lower Upper

152 100

151 4.4 3.9 5.9

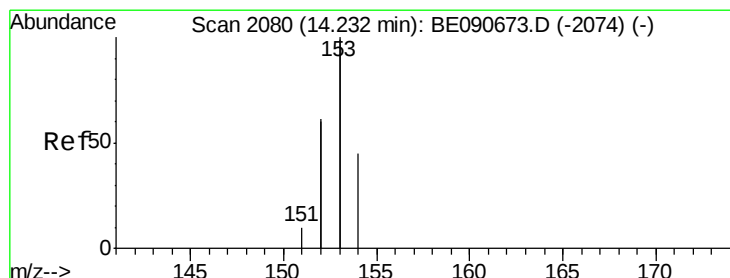
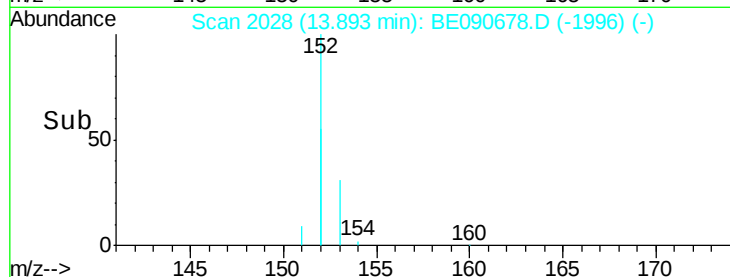
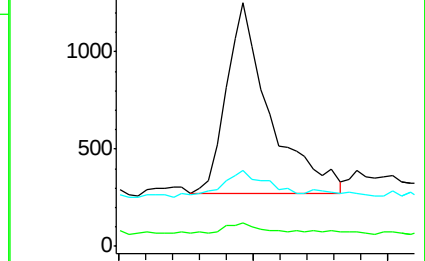
153 14.6 10.3 15.5



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: 0.04 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

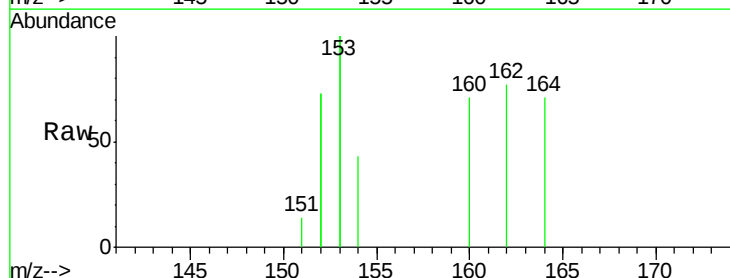
Tgt Ion:154 Resp: 1052

Ion Ratio Lower Upper

154 100

153 426.7 354.5 531.7

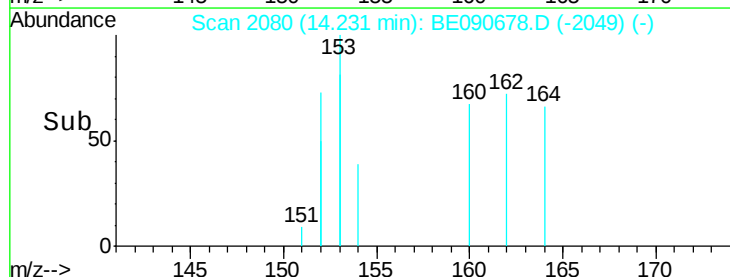
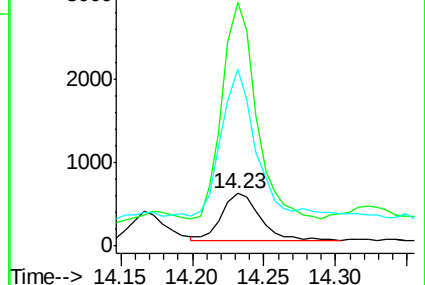
152 313.3 227.8 341.6

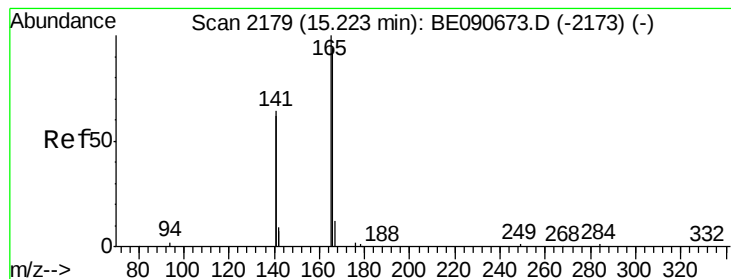


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.04 ng

RT: 15.24 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

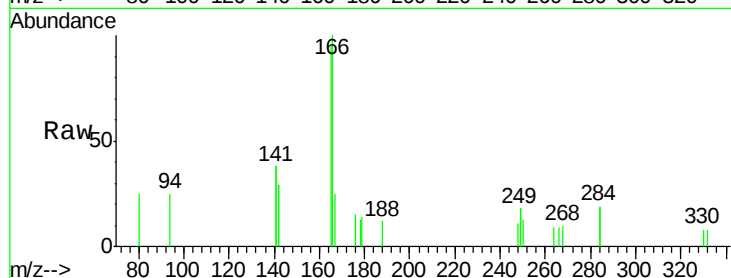
Tot Ion:166 Resp: 1358

Ion Ratio Lower Upper

166 100

165 111.4 82.7 124.1

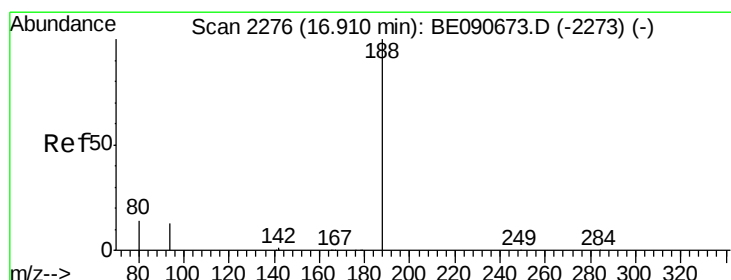
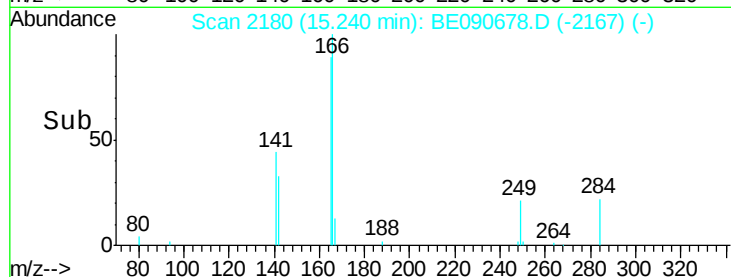
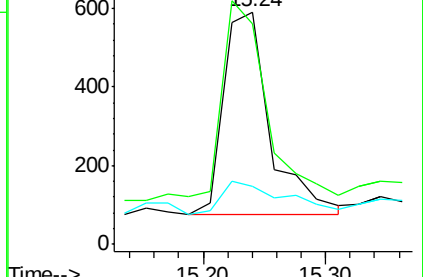
167 22.1 10.7 16.1#



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: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

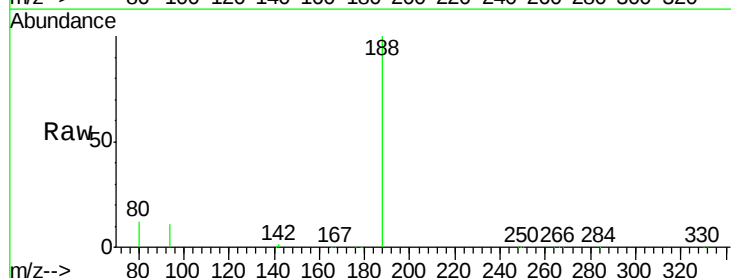
Tgt Ion:188 Resp: 277511

Ion Ratio Lower Upper

188 100

94 11.1 10.3 15.5

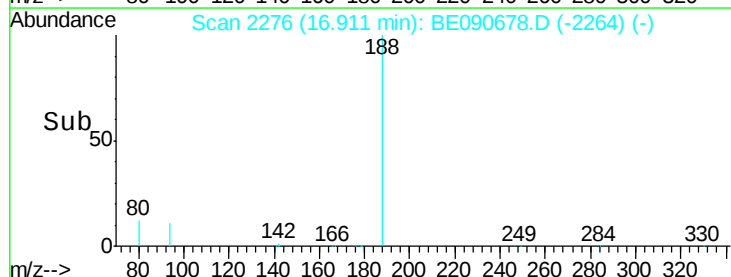
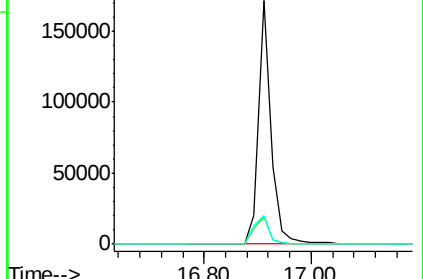
80 11.9 11.0 16.6



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

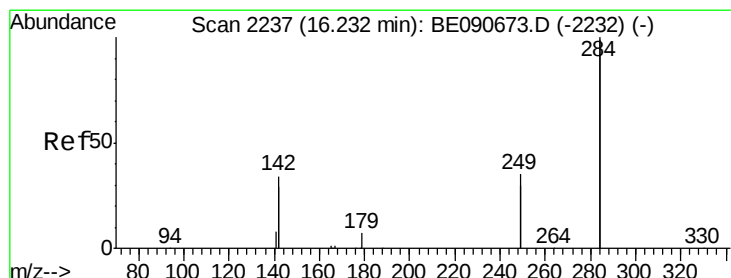
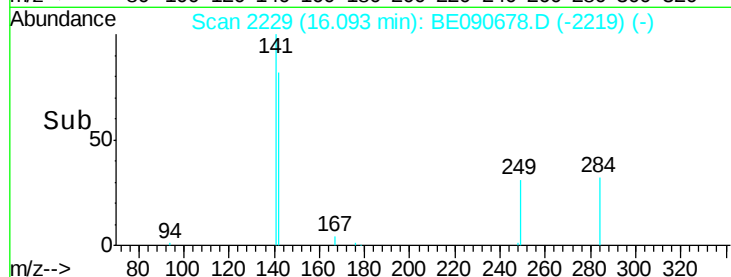
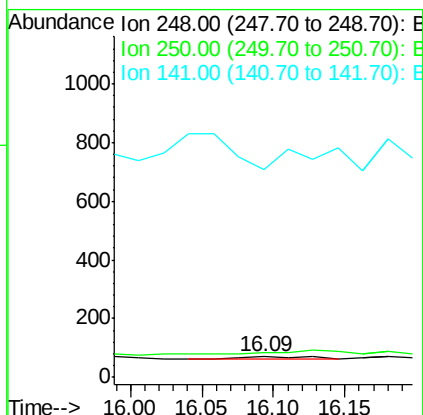
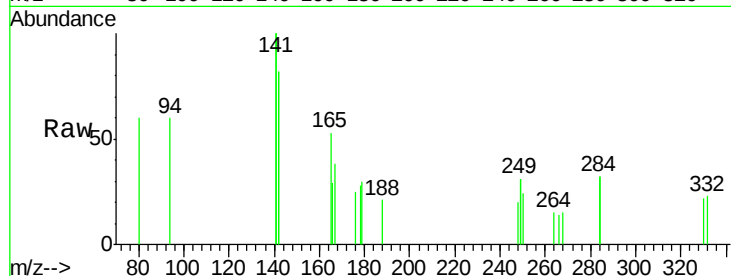




#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.09 min Scan# 2229
Delta R.T. -0.03 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

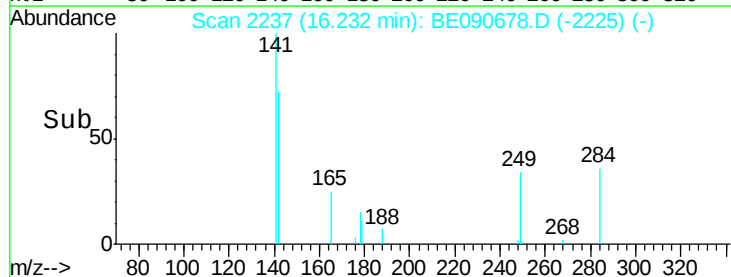
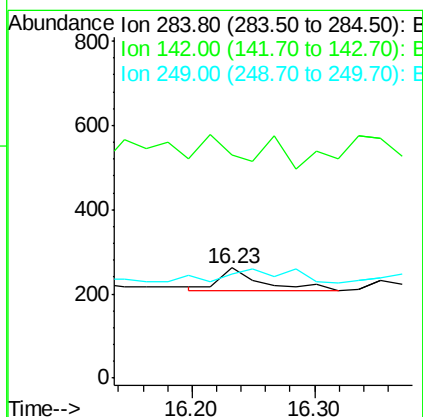
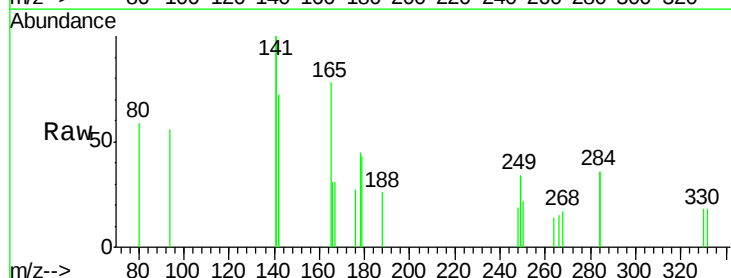
Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 32
Ion Ratio Lower Upper
248 100
250 0.0 76.7 115.1#
141 0.0 292.6 439.0#



#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:284 Resp: 127
Ion Ratio Lower Upper
284 100
142 0.0 35.0 52.4#
249 0.0 25.5 38.3#





#21

Pentachlorophenol

Concen: Below Cal

RT: 16.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampled :

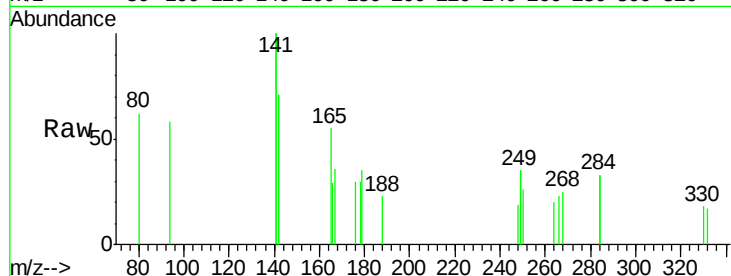
Tot Ion:266 Resp: 170

Ion Ratio Lower Upper

266 100

268 105.0 49.6 74.4#

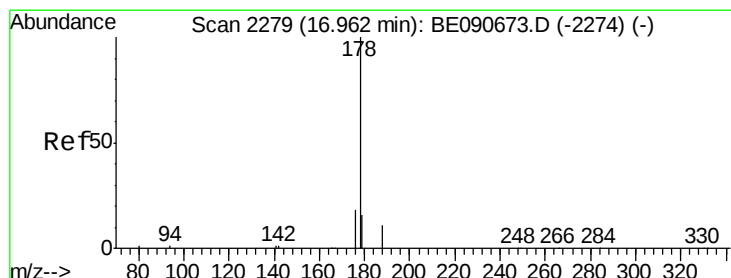
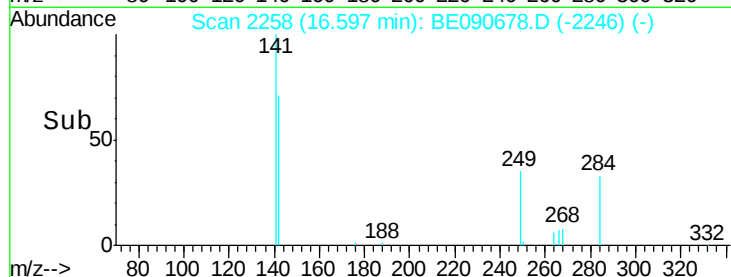
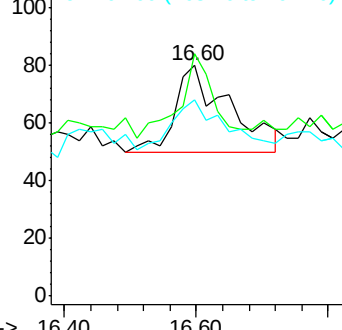
264 85.0 53.9 80.9#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.38 ng

RT: 16.95 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

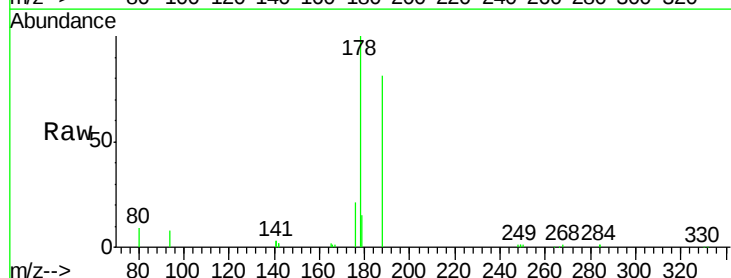
Tgt Ion:178 Resp: 25947

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

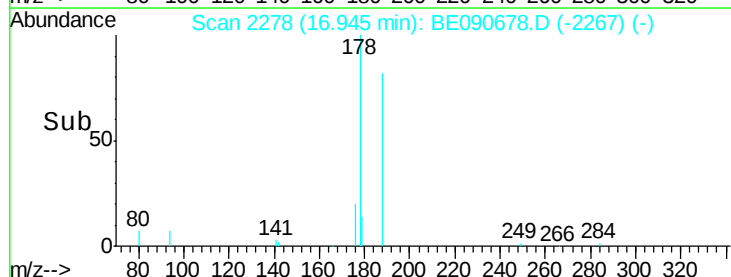
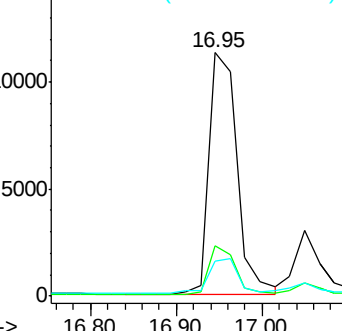
179 15.4 12.8 19.2



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: 0.11 ng

RT: 17.05 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampled :

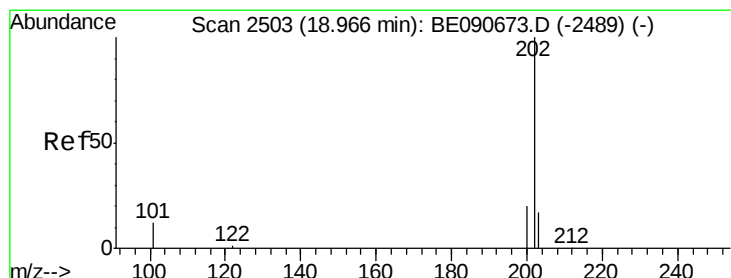
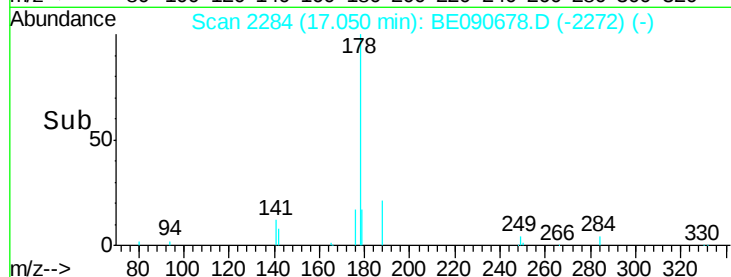
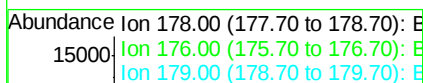
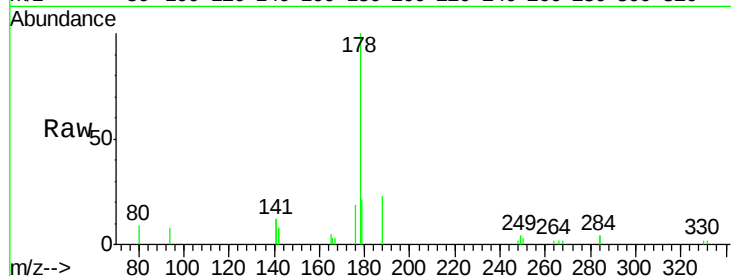
Tot Ion:178 Resp: 6225

Ion Ratio Lower Upper

178 100

176 17.0 15.0 22.6

179 16.9 12.3 18.5



#24

Fluoranthene

Concen: 0.90 ng

RT: 18.96 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

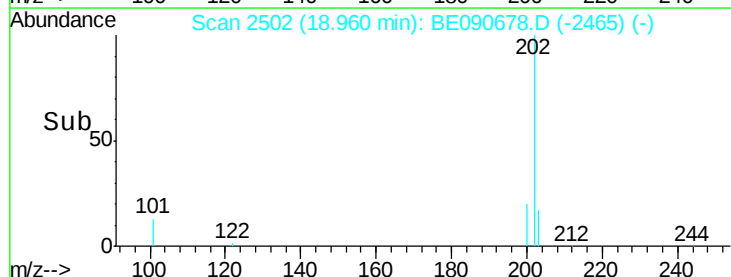
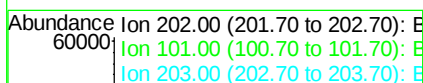
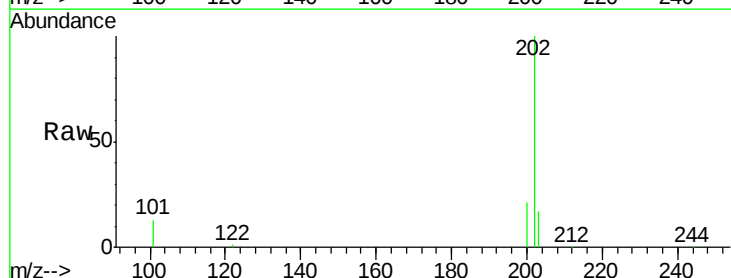
Tgt Ion:202 Resp: 65390

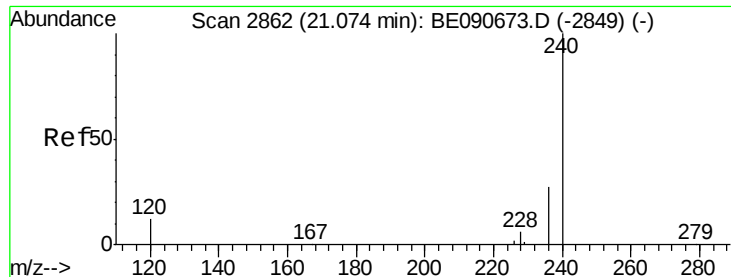
Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.6

203 17.0 13.9 20.9





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

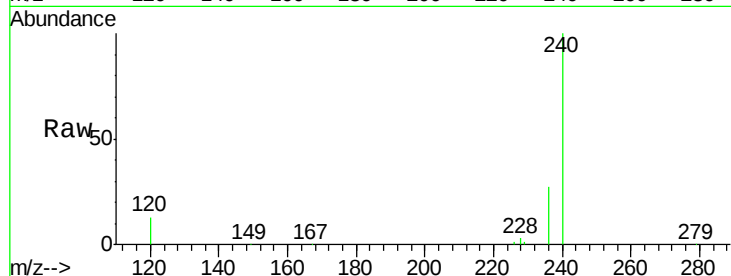
Tot Ion:240 Resp: 351139

Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

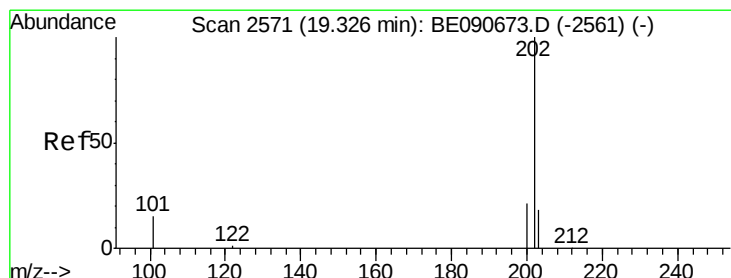
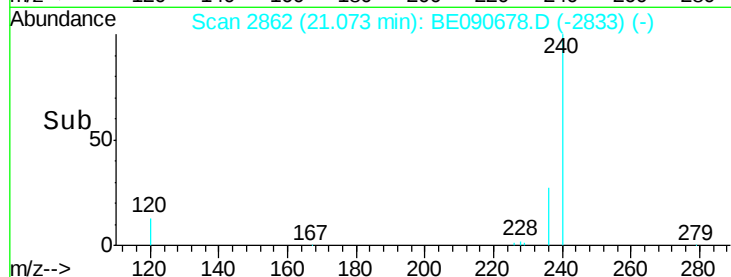
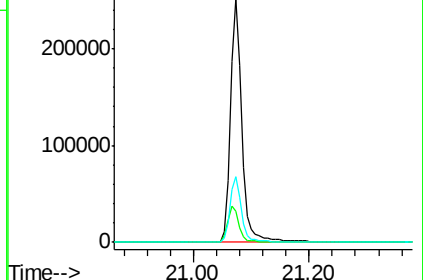
236 26.9 21.9 32.9



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: 0.84 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

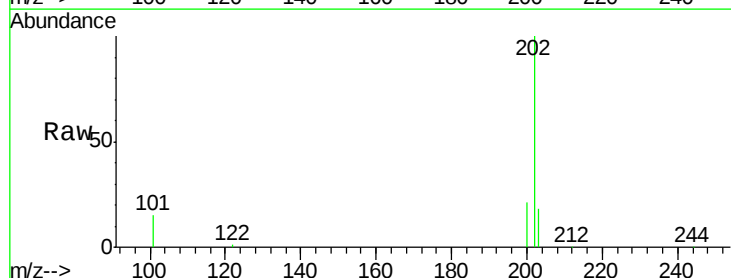
Tgt Ion:202 Resp: 61188

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

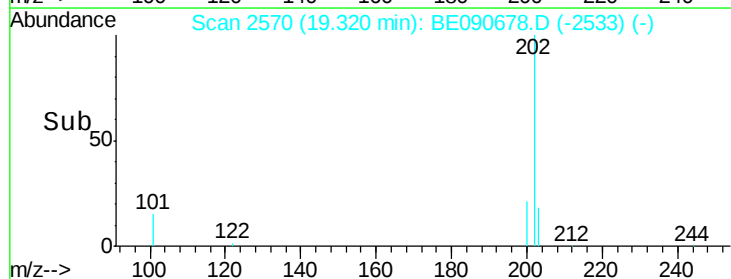
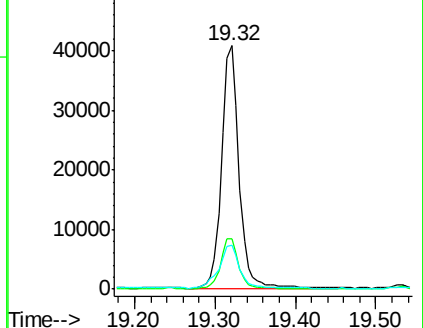
203 20.5 13.8 20.6

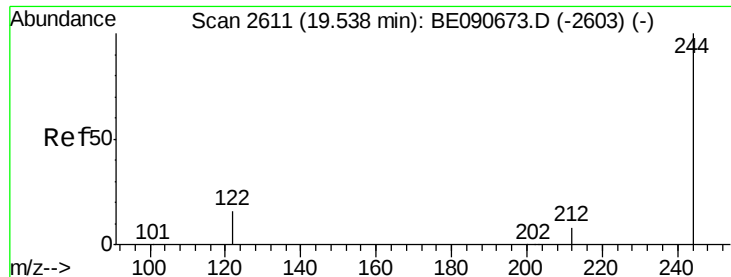


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

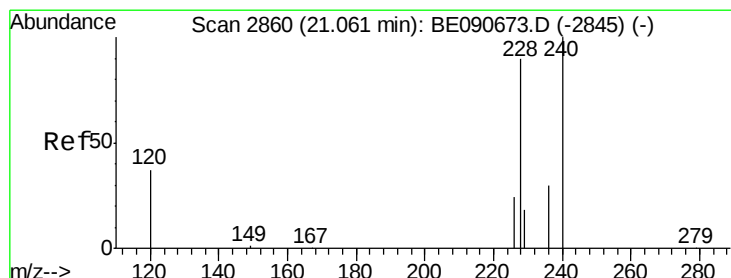
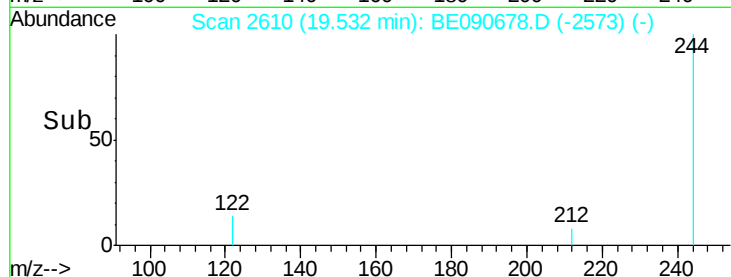
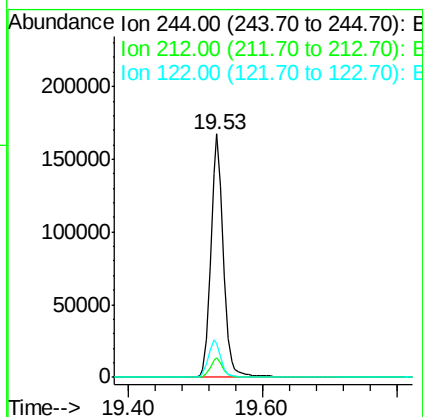
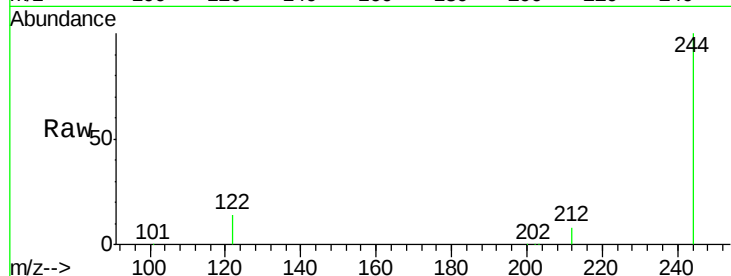




#27
 Terphenyl-d14
 Concen: 5.57 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BE090678.D
 Acq: 1 Sep 2015 22:21

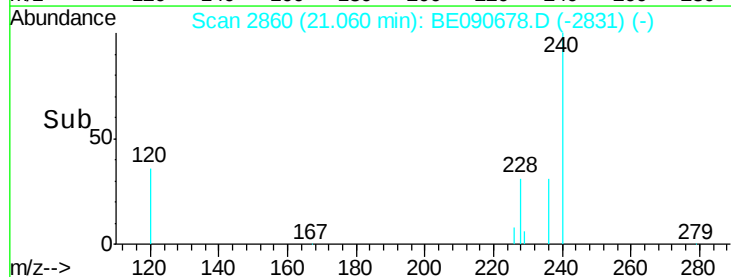
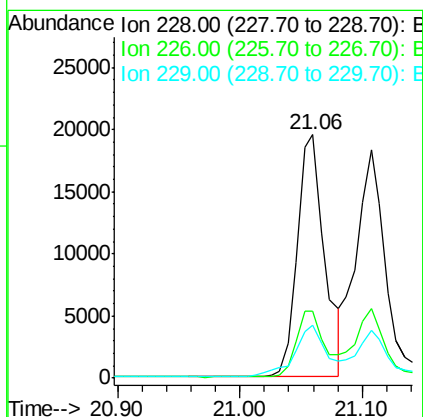
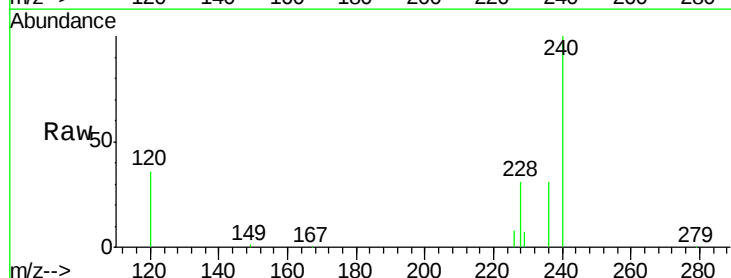
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 216453
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.8 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 0.38 ng
 RT: 21.06 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BE090678.D
 Acq: 1 Sep 2015 22:21

Tgt Ion:228 Resp: 30182
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.6 32.4
 229 21.5 15.9 23.9





#29

Chrysene

Concen: 0.31 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

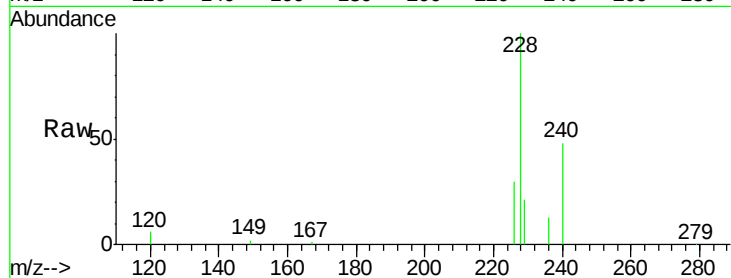
Tot Ion:228 Resp: 30895

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

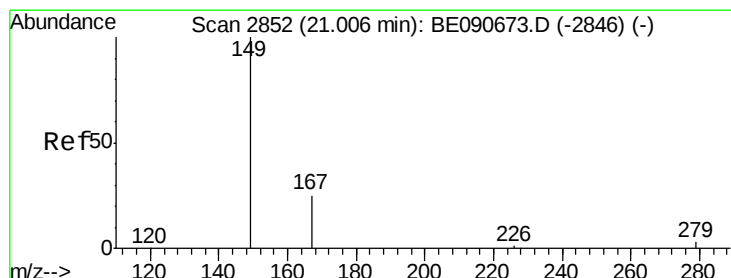
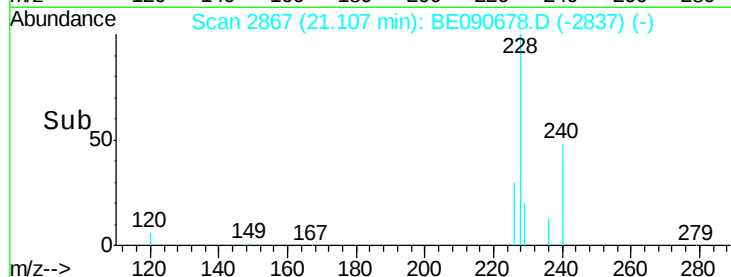
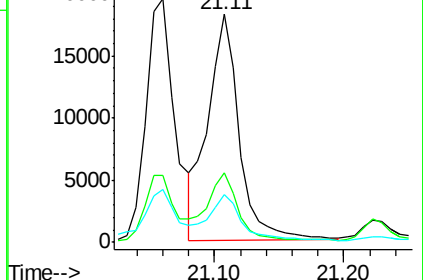
229 20.9 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.29 ng

RT: 21.01 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

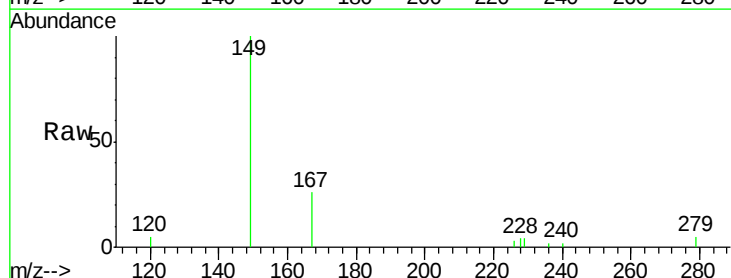
Tgt Ion:149 Resp: 4579

Ion Ratio Lower Upper

149 100

167 22.4 20.1 30.1

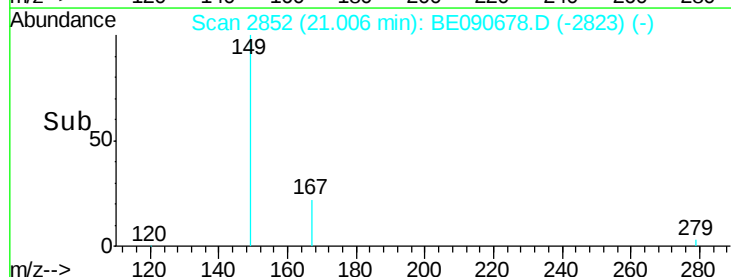
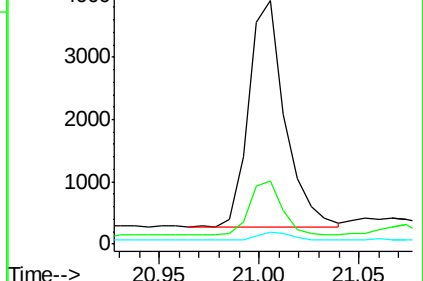
279 3.0 2.3 3.5

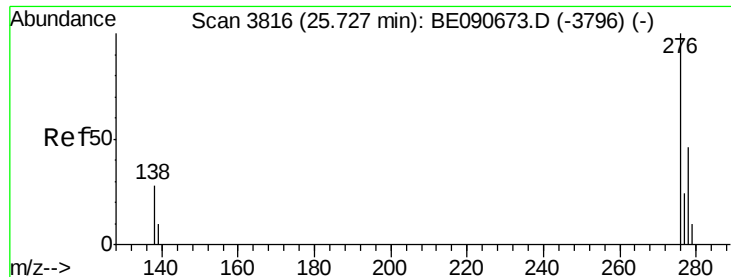


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

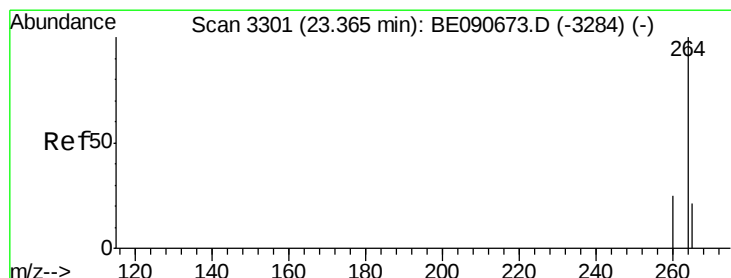
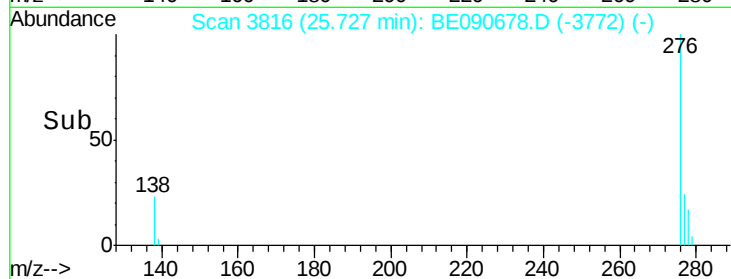
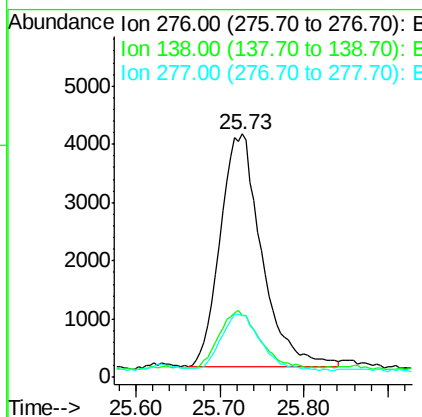
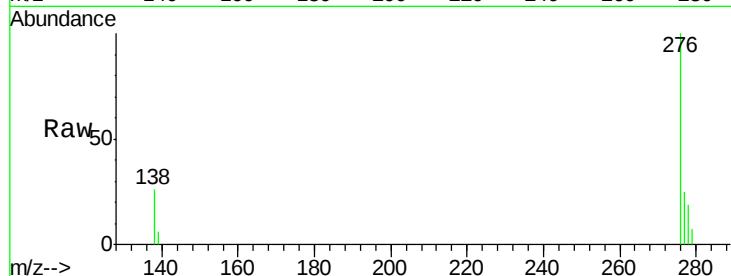




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.16 ng
 RT: 25.73 min Scan# 3816
 Delta R.T. -0.00 min
 Lab File: BE090678.D
 Acq: 1 Sep 2015 22:21

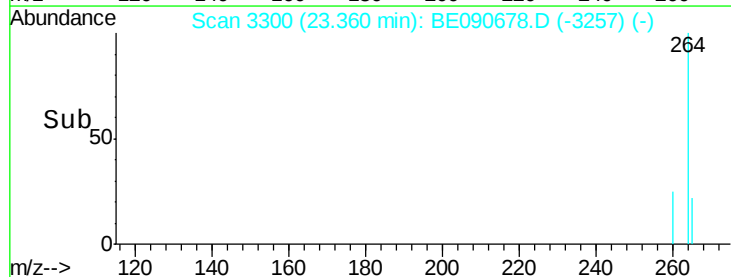
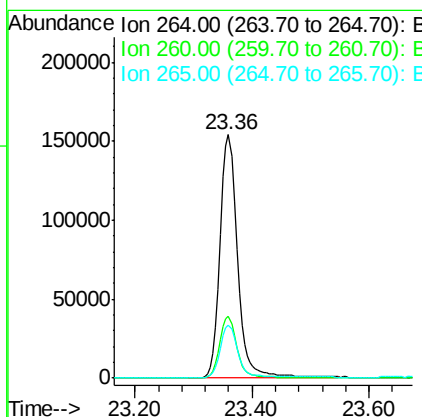
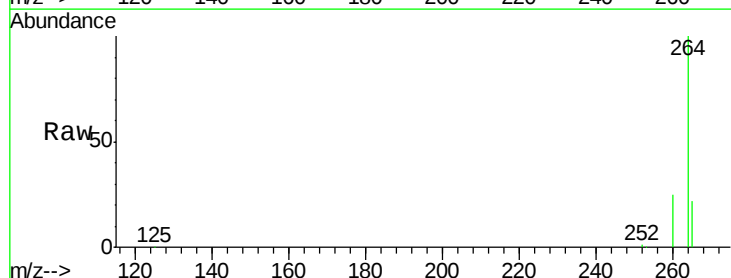
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:276 Resp: 13597
 Ion Ratio Lower Upper
 276 100
 138 23.9 23.3 34.9
 277 22.2 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3300
 Delta R.T. -0.00 min
 Lab File: BE090678.D
 Acq: 1 Sep 2015 22:21

Tgt Ion:264 Resp: 318665
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.9 17.5 26.3





#33

Benzo(b)fluoranthene

Concen: 0.47 ng

RT: 22.67 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :

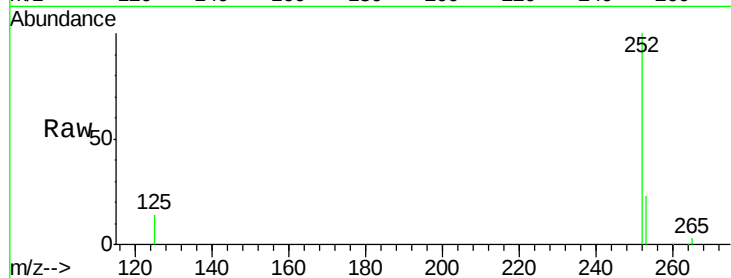
Tot Ion:252 Resp: 32730

Ion Ratio Lower Upper

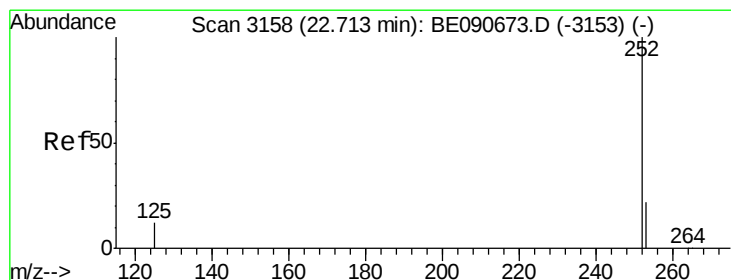
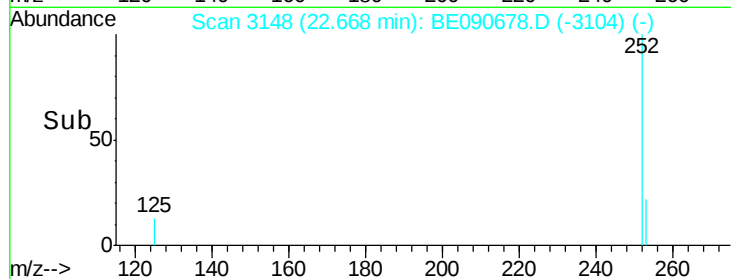
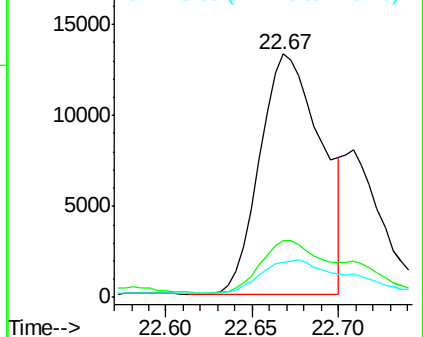
252 100

253 23.4 17.9 26.9

125 14.4 10.6 16.0



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: 0.41 ng

RT: 22.67 min Scan# 3148

Delta R.T. -0.05 min

Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

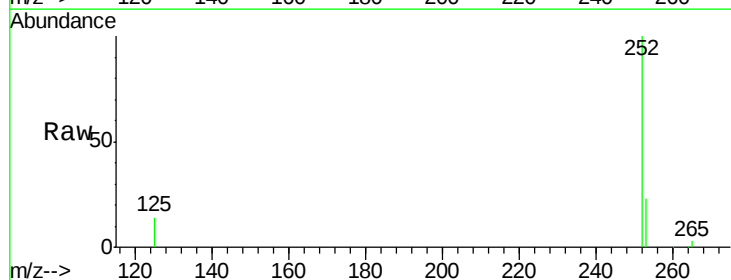
Tgt Ion:252 Resp: 32730

Ion Ratio Lower Upper

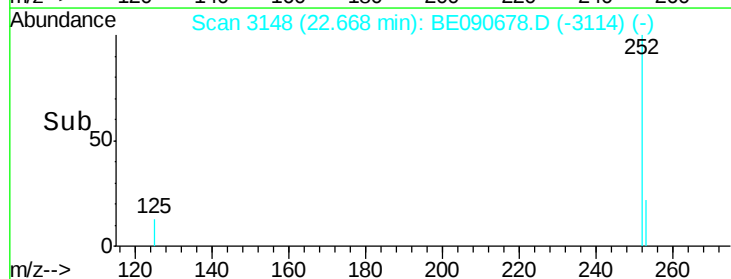
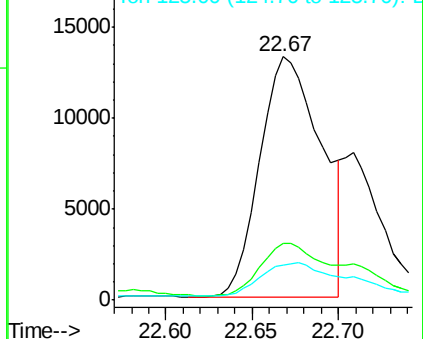
252 100

253 23.4 17.9 26.9

125 14.4 10.1 15.1



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

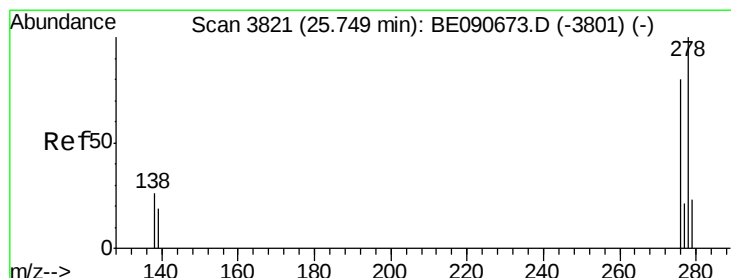
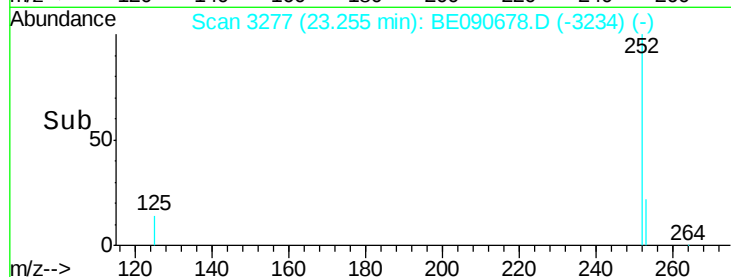
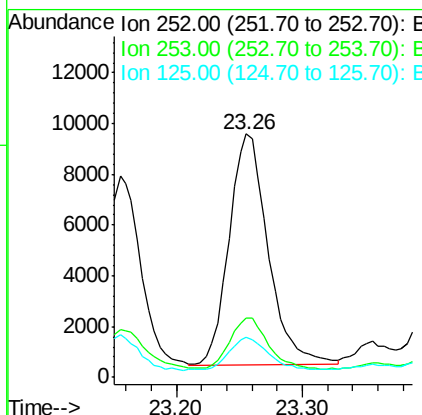
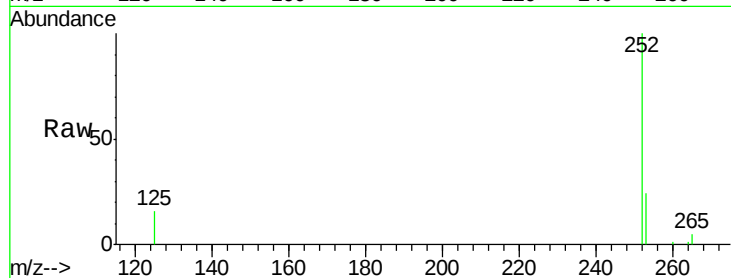




#35
Benzo(a)pyrene
Concen: 0.32 ng
RT: 23.26 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

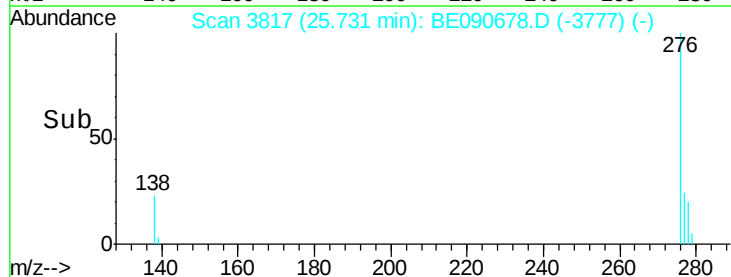
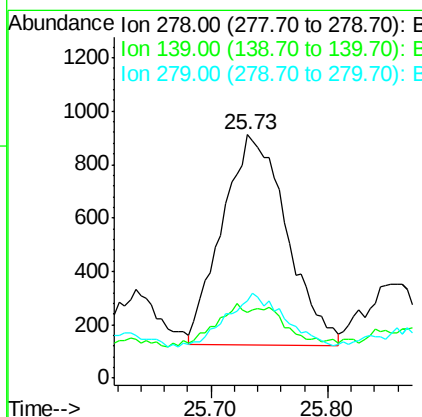
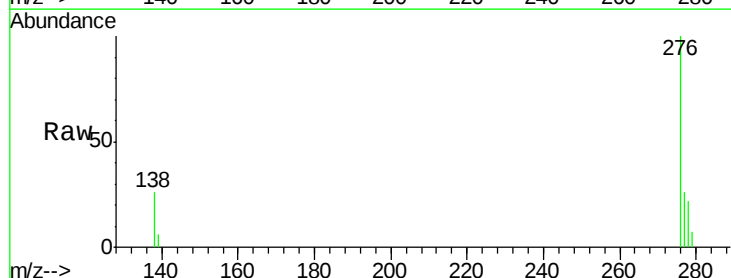
Instrument :
BNA_E
ClientSampleId :

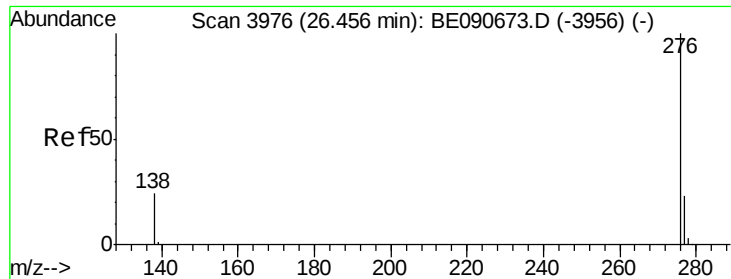
Tot Ion:252 Resp: 19614
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 16.3 11.6 17.4



#36
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 25.73 min Scan# 3817
Delta R.T. -0.02 min
Lab File: BE090678.D
Acq: 1 Sep 2015 22:21

Tgt Ion:278 Resp: 3019
Ion Ratio Lower Upper
278 100
139 26.9 15.4 23.0#
279 31.8 18.8 28.2#





#37

Benzo(a,h,i)perylene

Concen: 0.21 ng

RT: 26.45 min Scan# 3974

Delta R.T. -0.01 min

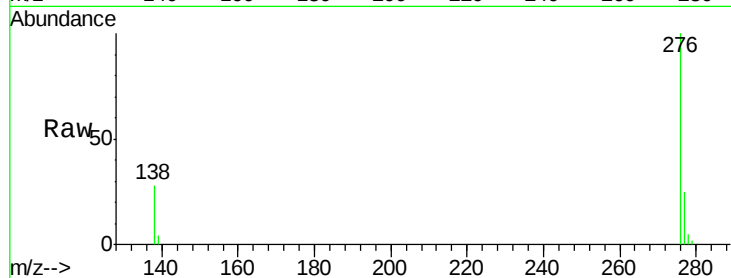
Lab File: BE090678.D

Acq: 1 Sep 2015 22:21

Instrument :

BNA_E

ClientSampleId :



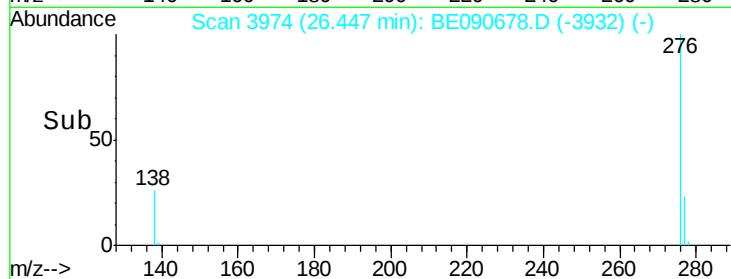
Tot Ion: 276 Resp: 15163

Ion Ratio Lower Upper

276 100

277 24.8 18.5 27.7

138 28.0 20.1 30.1



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

