

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062416\
 Data File : BE091956.D
 Acq On : 24 Jun 2016 21:07
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 24 23:00:58 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	31528	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	153817	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	106405	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	198738	5.00	ng	0.00
31) Chrysene-d12	21.76	240	274612	5.00	ng	0.00
40) Perylene-d12	24.17	264	210095	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.74	112	3270	0.53	ng	0.02
5) Phenol-d6	7.37	99	4529	0.58	ng	0.02
9) Nitrobenzene-d5	9.38	82	4644	0.44	ng	0.02
16) 2,4,6-Tribromophenol	16.36	330	1193	0.51	ng	0.02
17) 2-Fluorobiphenyl	13.49	172	11747	0.43	ng	0.00
34) Terphenyl-d14	20.22	244	14564	0.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1624	0.37	ng	92
3) n-Nitrosodimethylamine	3.83	42	1853	0.37	ng	# 90
6) bis(2-Chloroethyl)ether	7.63	93	3545	0.39	ng	95
7) n-Nitroso-di-n-propylamine	9.02	70	3654	0.54	ng	# 99
10) Nitrobenzene	9.42	77	4701	0.44	ng	# 99
11) bis(2-Chloroethoxy)methane	10.42	93	6142	0.46	ng	# 21
12) Naphthalene	11.04	128	14072	0.42	ng	# 94
13) Hexachlorobutadiene	11.34	225	2317	0.43	ng	99
14) 2-Methylnaphthalene	12.68	142	10002	0.44	ng	96
18) Acenaphthylene	14.59	152	48803	0.45	ng	# 68
19) 2,6-Dinitrotoluene	14.44	165	5800	0.48	ng	# 14
20) Acenaphthene	14.92	154	12639	0.42	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	11089	0.63	ng	# 1
22) Fluorene	15.91	166	12579	0.42	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	5924	0.41	ng	93
25) 4-Bromophenyl-phenylether	16.80	248	3624	0.47	ng	97
26) Hexachlorobenzene	16.92	284	3585	0.45	ng	98
27) Pentachlorophenol	17.26	266	1118	0.58	ng	95
28) Phenanthrene	17.64	178	21534	0.43	ng	100
29) Anthracene	17.73	178	20208	0.46	ng	100
30) Fluoranthene	19.65	202	90577	0.43	ng	# 86
32) Benzidine	19.83	184	9168	0.88	ng	96
33) Pyrene	20.02	202	89504	0.48	ng	# 79
35) Benzo(a)anthracene	21.79	228	51470	1.19	ng	# 90
36) 3,3'-Dichlorobenzidine	21.70	252	5205	0.74	ng	# 95
37) Chrysene	21.79	228	51751	0.82	ng	99
38) Bis(2-ethylhexyl)phthalate	21.64	149	40257	1.46	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	102099	0.47	ng	99
41) Benzo(b)fluoranthene	23.43	252	25124	0.47	ng	95
42) Benzo(k)fluoranthene	23.48	252	21487	0.44	ng	# 97
43) Benzo(a)pyrene	24.06	252	22318	0.47	ng	# 97
44) Dibenzo(a,h)anthracene	26.70	278	20843	0.45	ng	# 93
45) Benzo(g,h,i)perylene	27.47	276	87068	0.46	ng	97

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QLast Update : Wed Jun 15 12:00:38 2016
Response via : Initial Calibration

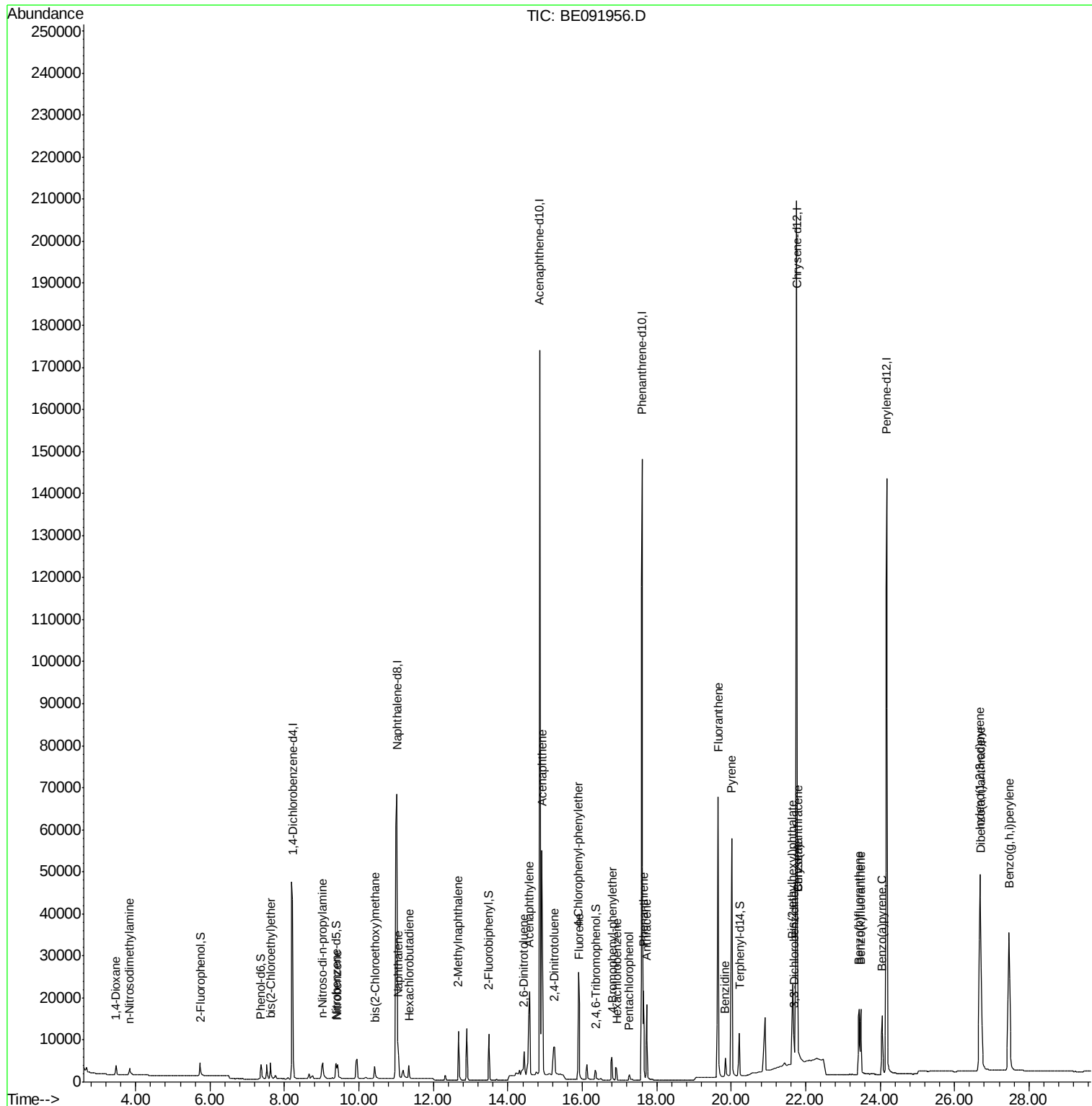
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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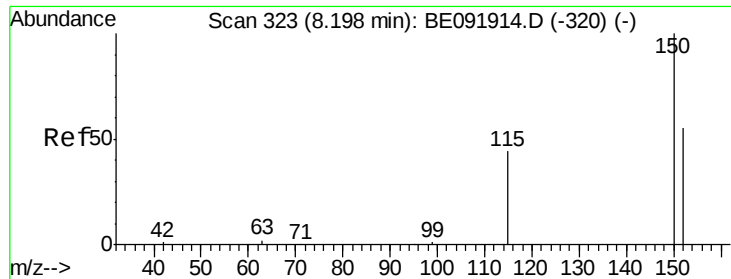
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.22 min Scan# 324

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

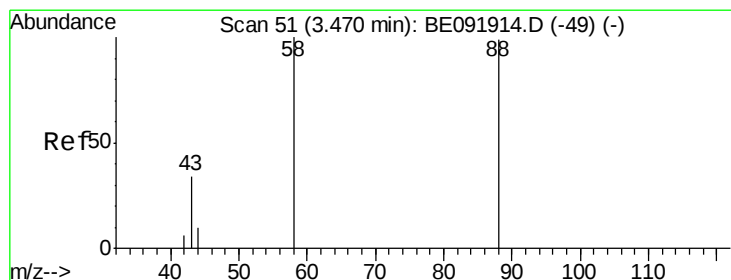
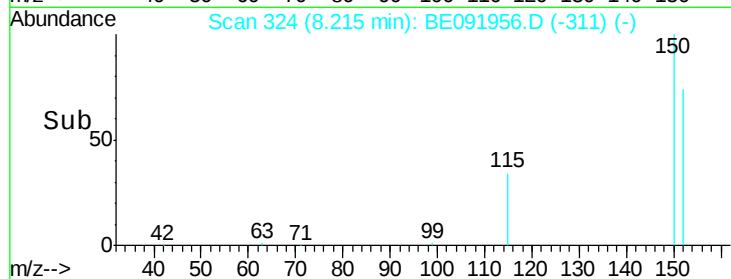
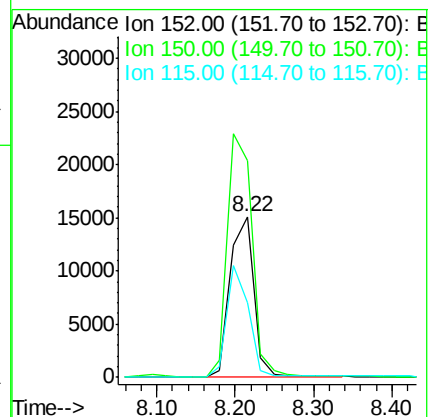
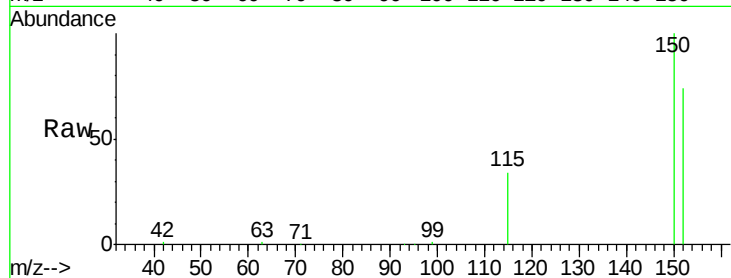
Tgt Ion:152 Resp: 31528

Ion Ratio Lower Upper

152 100

150 134.8 123.9 185.9

115 46.1 48.3 72.5#



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

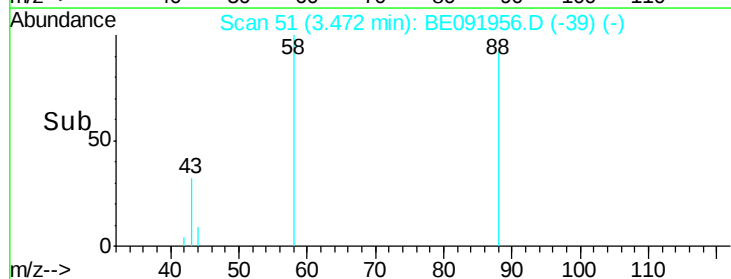
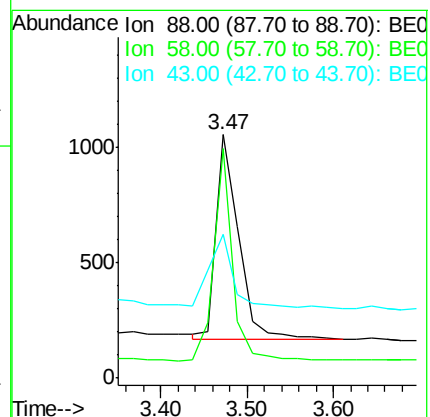
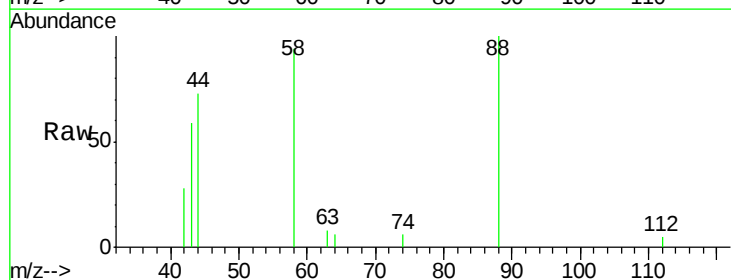
Tgt Ion: 88 Resp: 1624

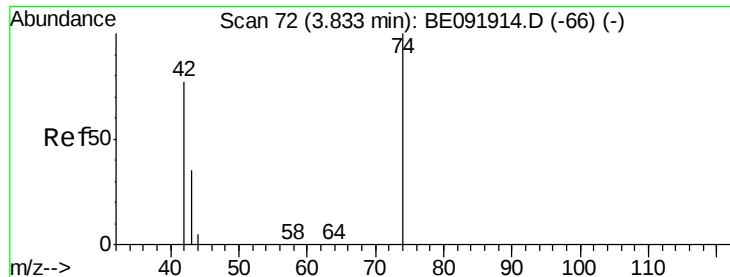
Ion Ratio Lower Upper

88 100

58 85.2 63.0 94.4

43 41.4 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.83 min Scan# 72

Delta R.T. 0.04 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

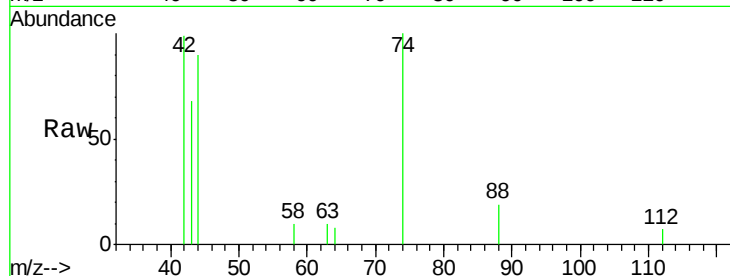
Tgt Ion: 42 Resp: 1853

Ion Ratio Lower Upper

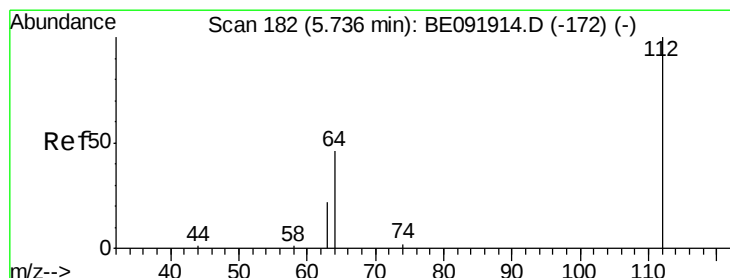
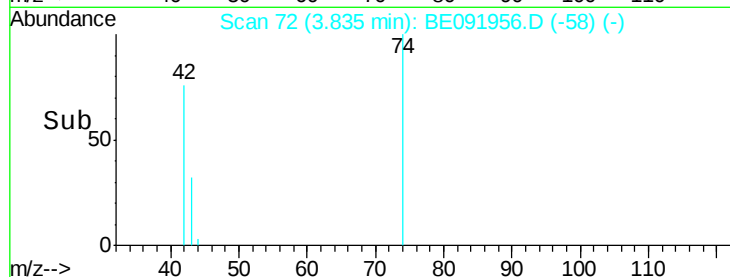
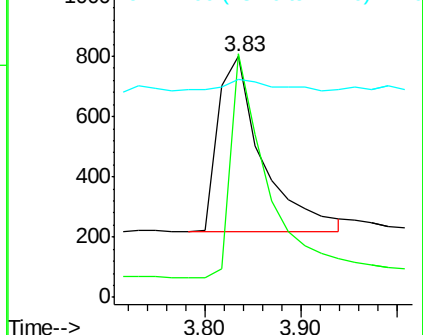
42 100

74 105.9 93.4 140.0

44 8.4 5.0 7.6#



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: 0.53 ng

RT: 5.74 min Scan# 182

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

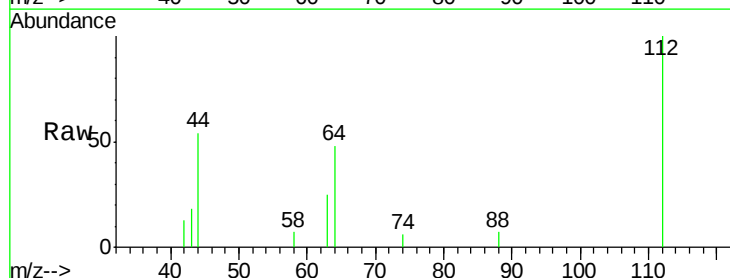
Tgt Ion: 112 Resp: 3270

Ion Ratio Lower Upper

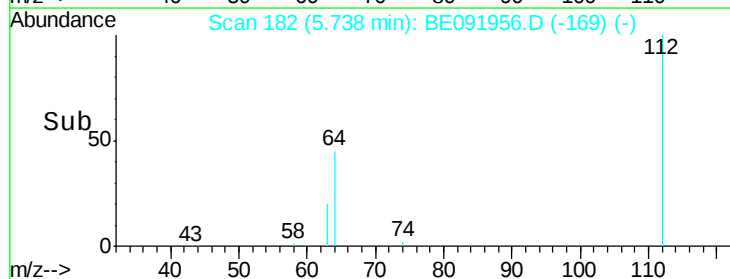
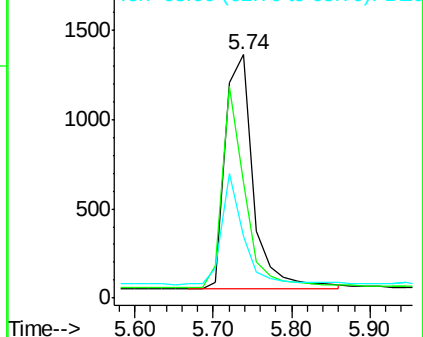
112 100

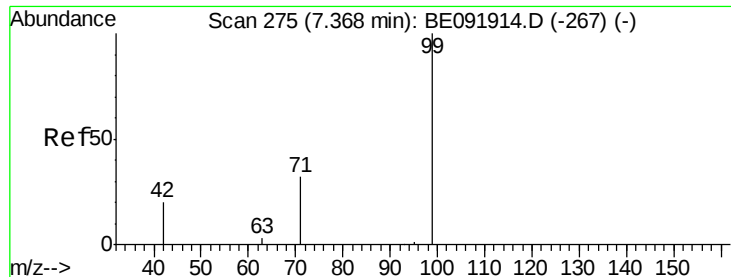
64 68.2 53.7 80.5

63 36.4 29.5 44.3



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: 0.58 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

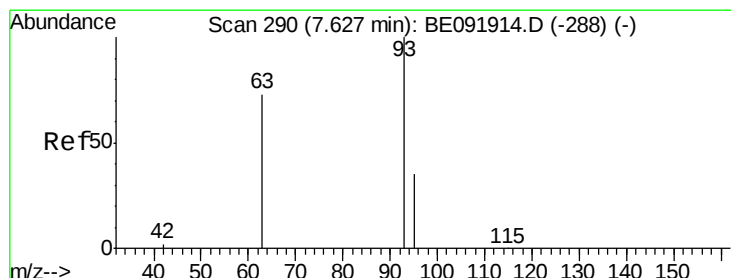
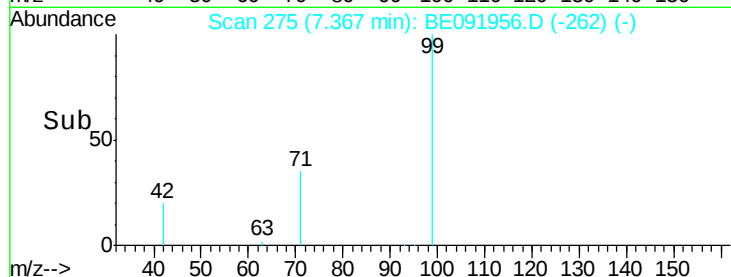
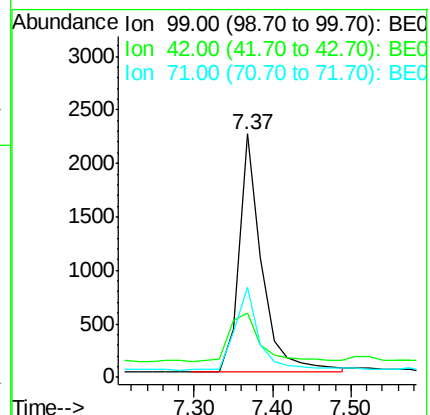
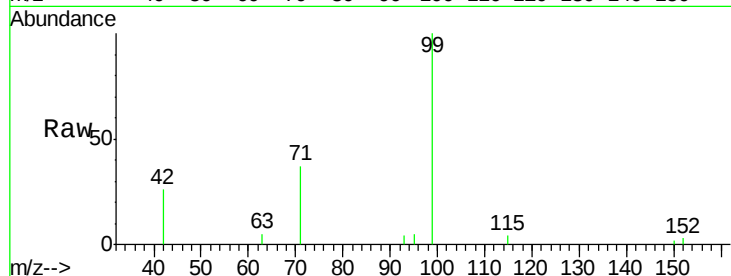
Tgt Ion: 99 Resp: 4529

Ion Ratio Lower Upper

99 100

42 26.4 19.6 29.4

71 36.1 28.1 42.1



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

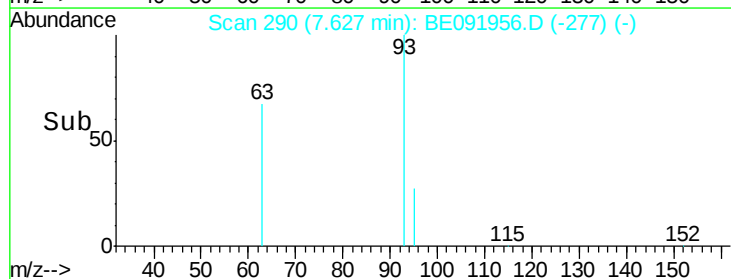
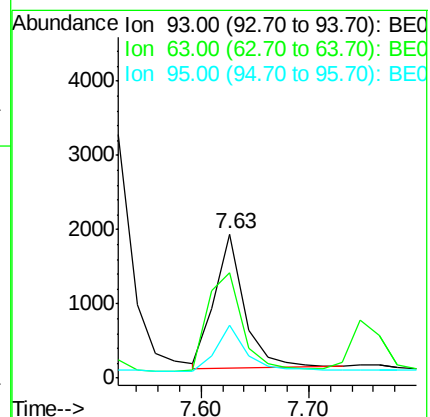
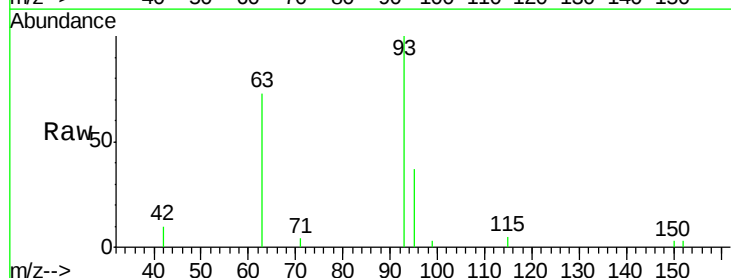
Tgt Ion: 93 Resp: 3545

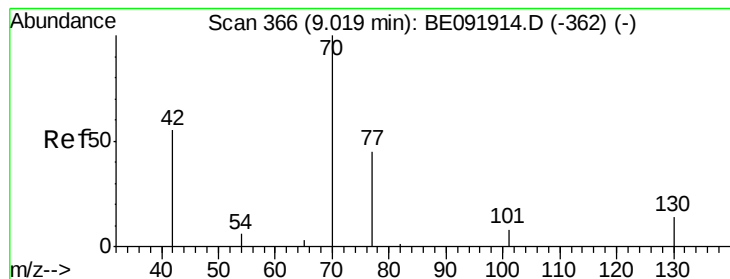
Ion Ratio Lower Upper

93 100

63 88.0 66.2 99.4

95 34.4 25.5 38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.54 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 70 Resp: 3654

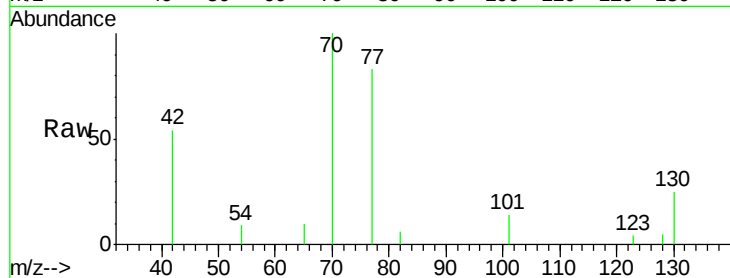
Ion Ratio Lower Upper

70 100

42 73.7 58.4 87.6

101 8.3 6.4 9.6

130 16.9 0.0 0.0#

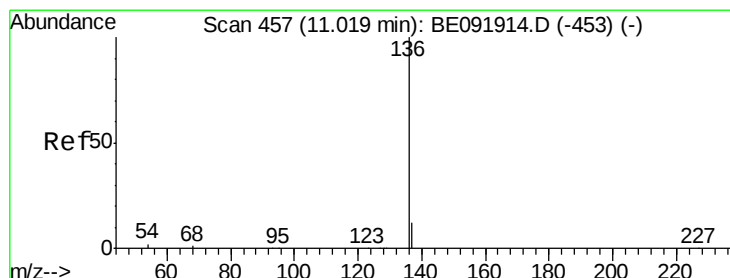
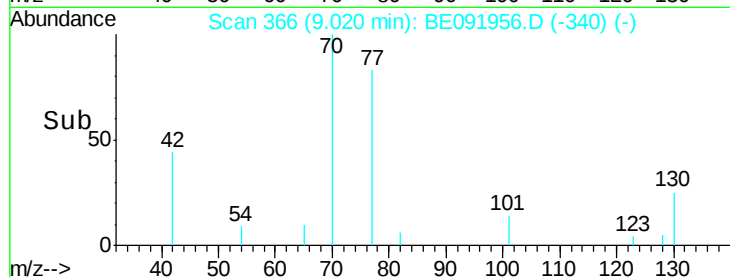
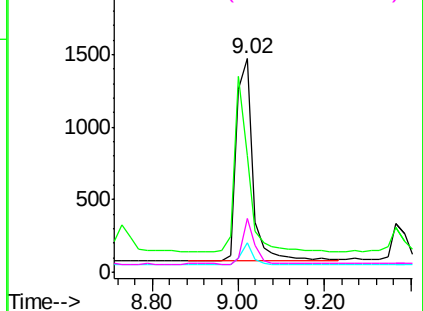


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Tgt Ion: 136 Resp: 153817

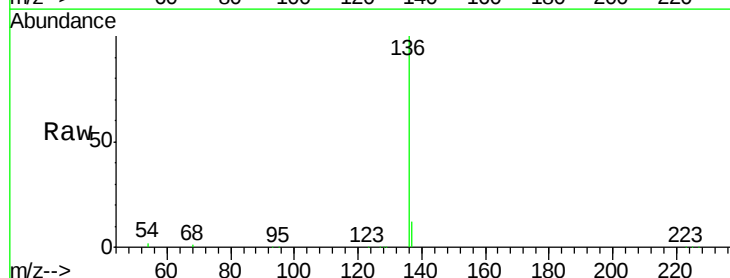
Ion Ratio Lower Upper

136 100

137 12.3 8.3 12.5

54 1.6 8.2 12.4#

68 1.4 5.9 8.9#

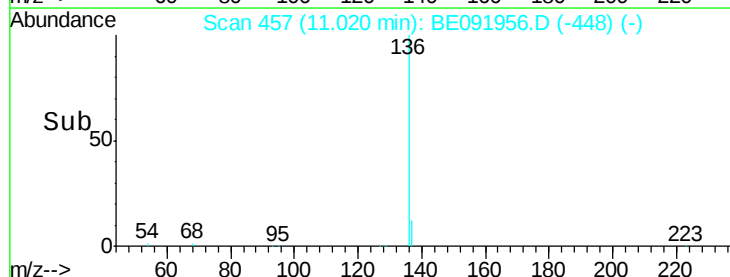
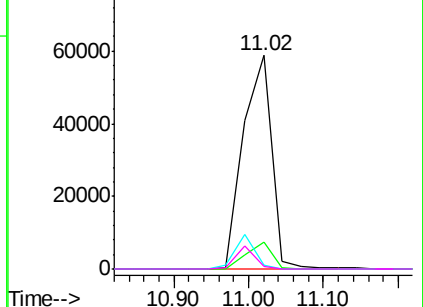


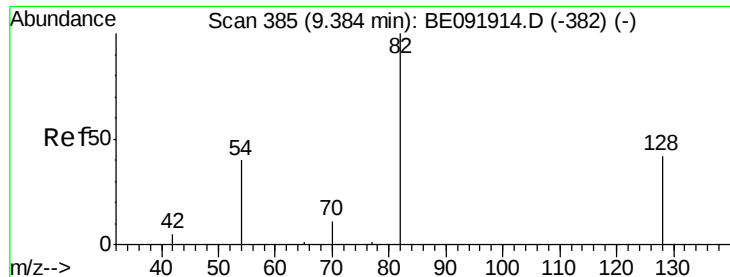
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 0.44 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

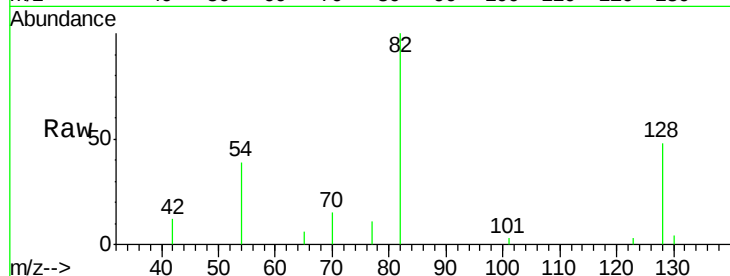
Tgt Ion: 82 Resp: 4644

Ion Ratio Lower Upper

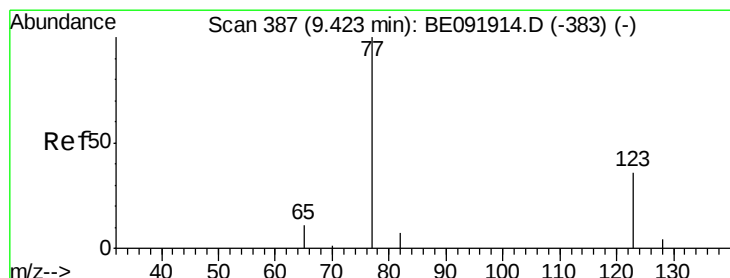
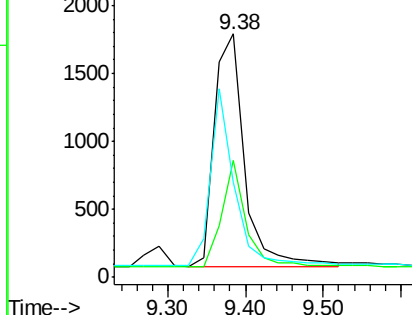
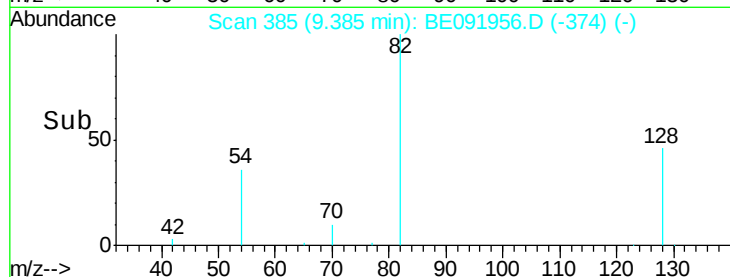
82 100

128 47.9 39.5 59.3

54 39.3 30.3 45.5



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



#10

Nitrobenzene

Concen: 0.44 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

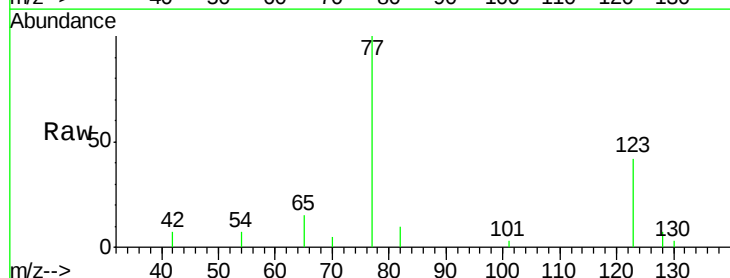
Tgt Ion: 77 Resp: 4701

Ion Ratio Lower Upper

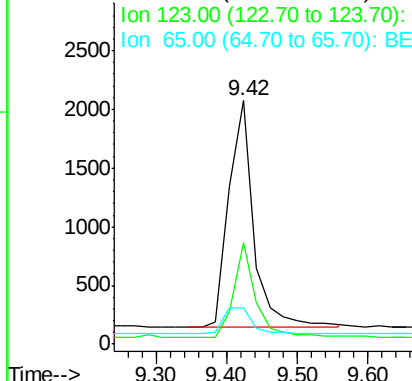
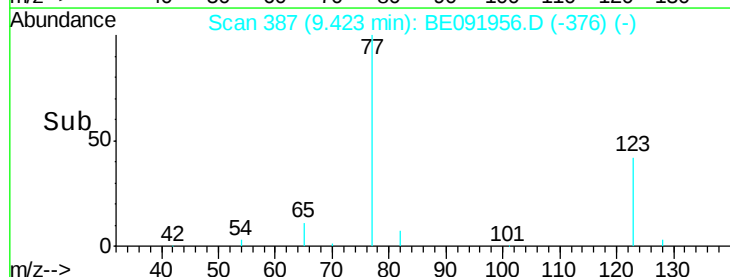
77 100

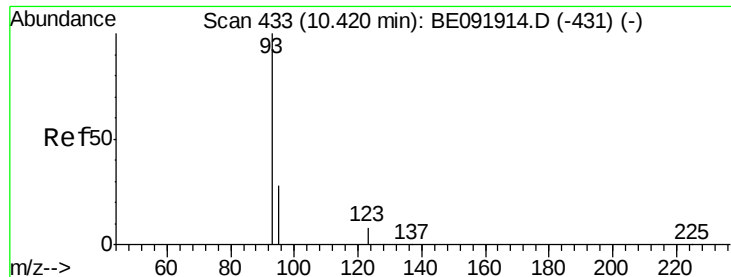
123 37.7 0.0 0.0#

65 13.5 11.1 16.7



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

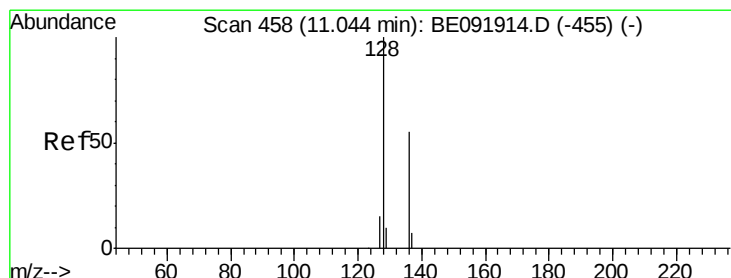
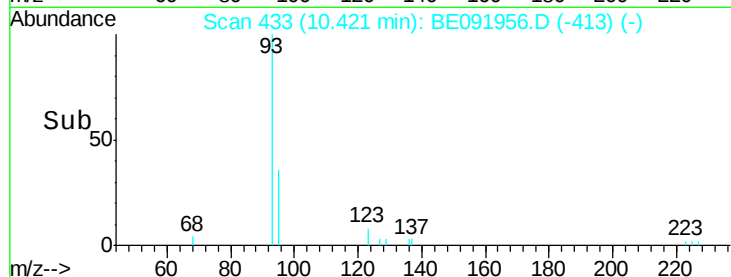
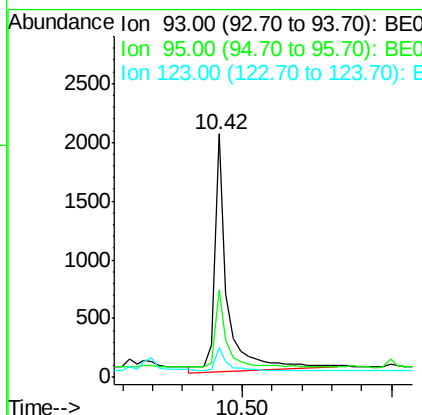
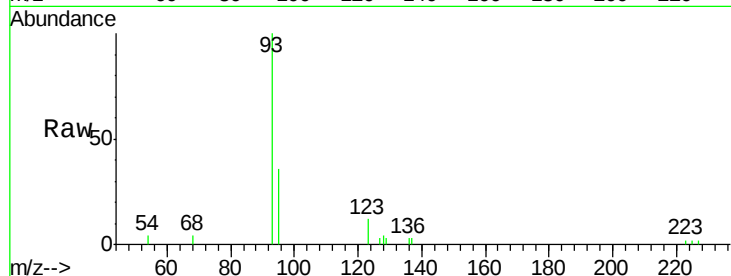




#11
bis(2-Chloroethoxy)methane
Concen: 0.46 ng
RT: 10.42 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

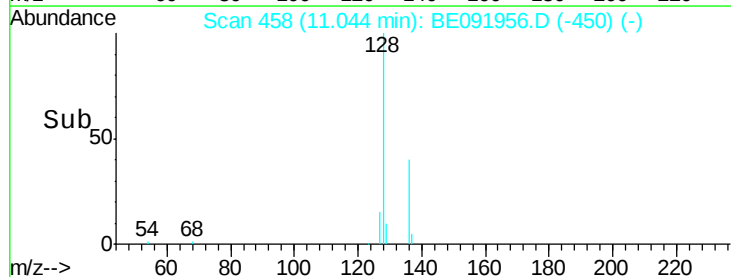
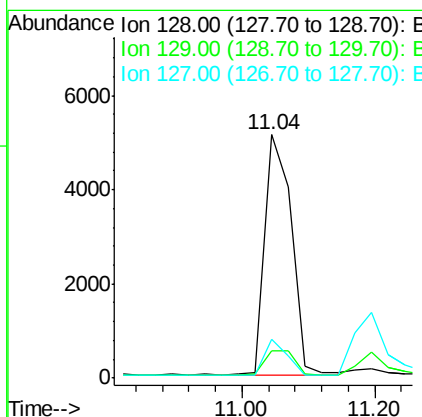
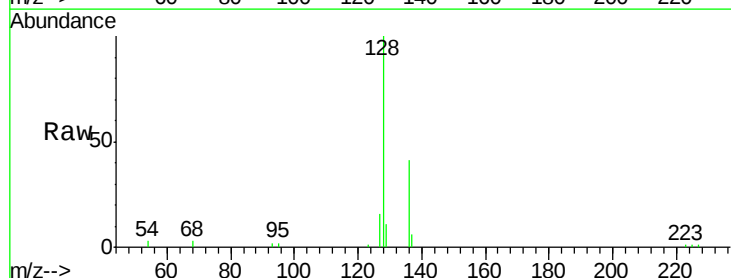
Instrument :
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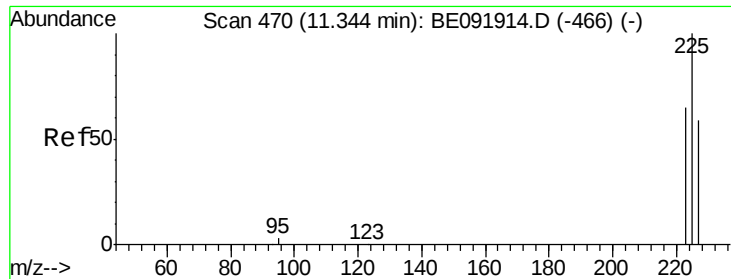
Tgt Ion: 93 Resp: 6142
Ion Ratio Lower Upper
93 100
95 38.8 57.6 86.4#
123 9.2 100.2 150.4#



#12
Naphthalene
Concen: 0.42 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

Tgt Ion: 128 Resp: 14072
Ion Ratio Lower Upper
128 100
129 11.0 10.4 15.6
127 15.8 10.2 15.2#

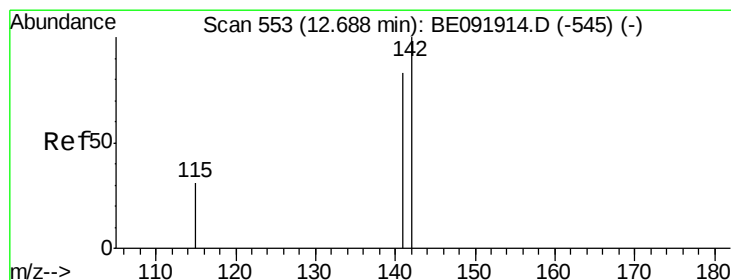
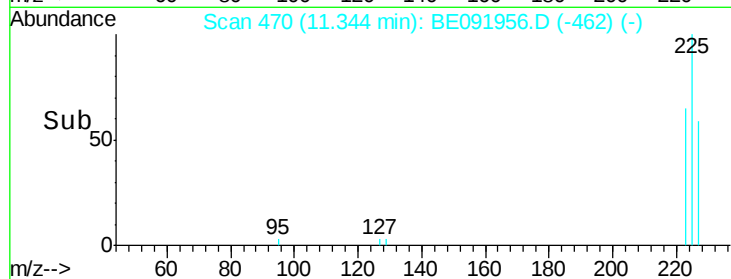
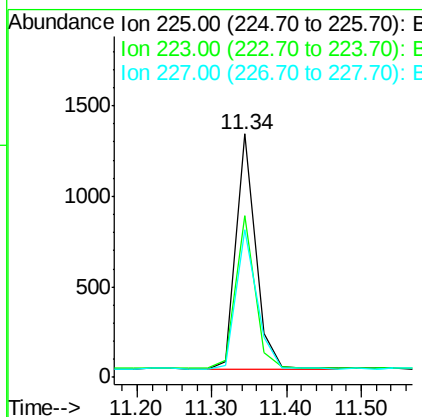
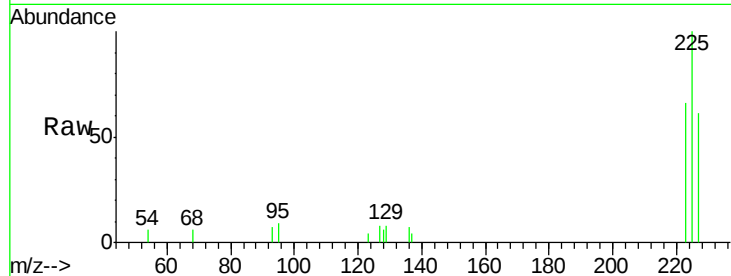




#13
Hexachlorobutadiene
Concen: 0.43 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

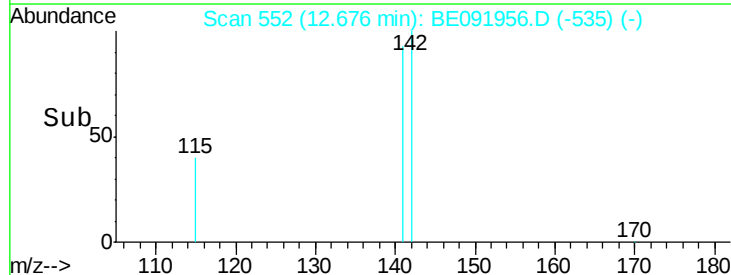
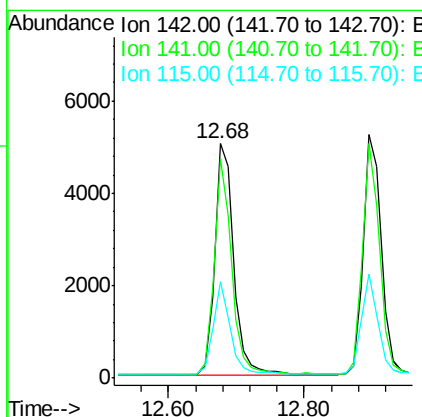
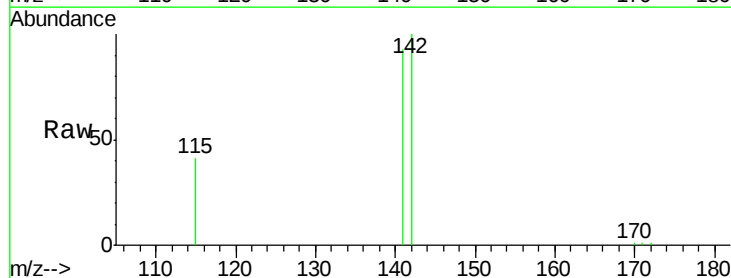
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

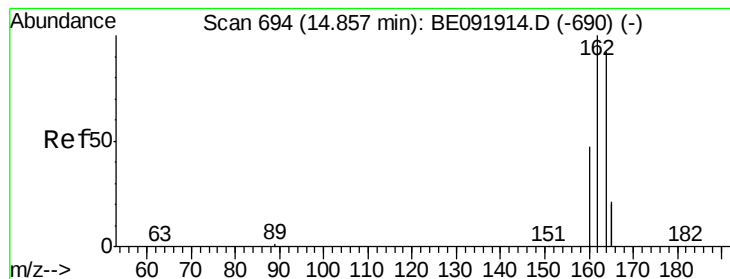
Tgt Ion: 225 Resp: 2317
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.8
227 63.0 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.44 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

Tgt Ion: 142 Resp: 10002
Ion Ratio Lower Upper
142 100
141 93.3 71.9 107.9
115 41.1 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

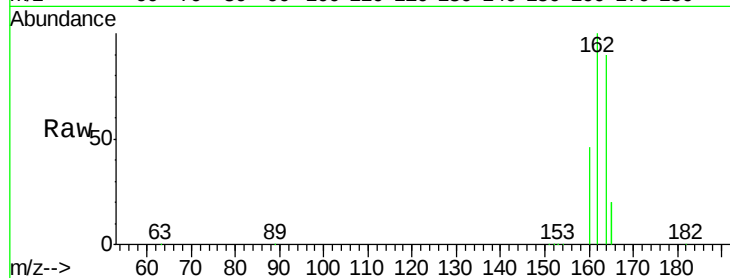
Tgt Ion:164 Resp: 106405

Ion Ratio Lower Upper

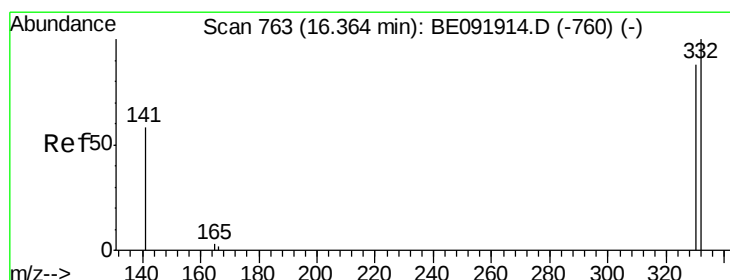
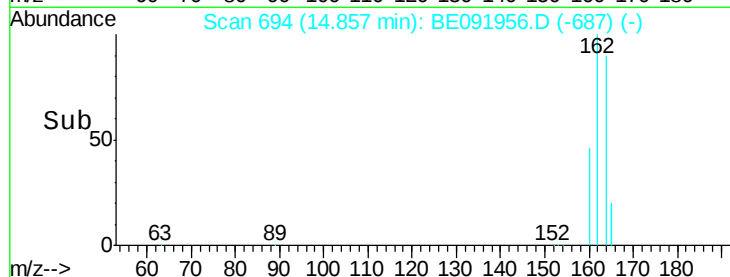
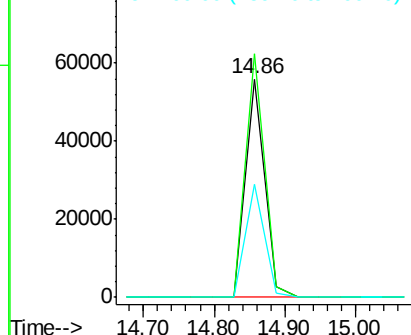
164 100

162 111.4 71.8 107.8#

160 51.7 28.0 42.0#



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



#16

2,4,6-Tribromophenol

Concen: 0.51 ng

RT: 16.36 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

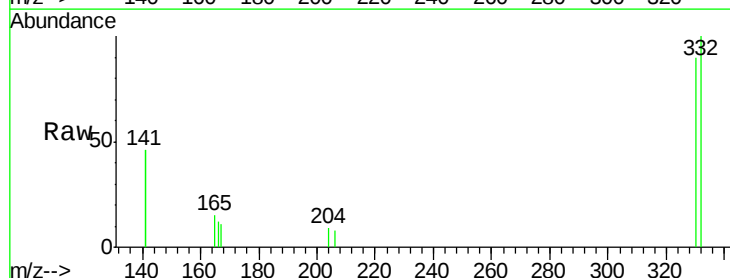
Tgt Ion:330 Resp: 1193

Ion Ratio Lower Upper

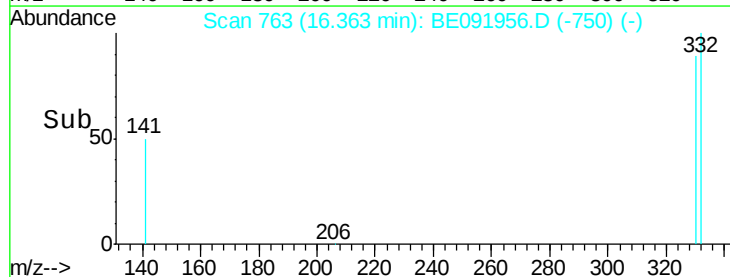
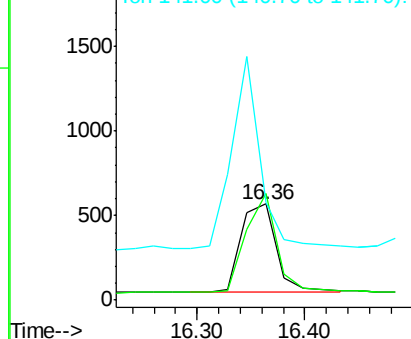
330 100

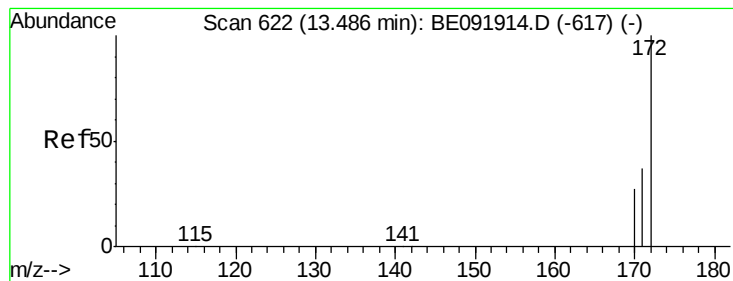
332 98.2 77.0 115.6

141 175.4 138.4 207.6



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

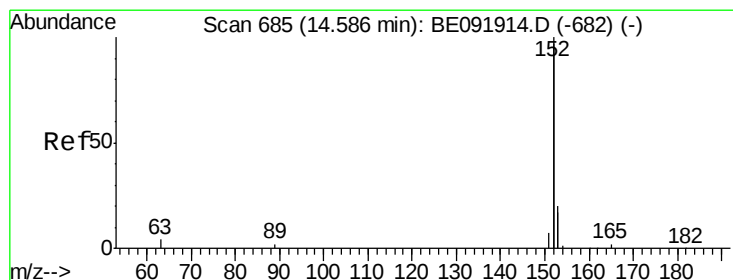
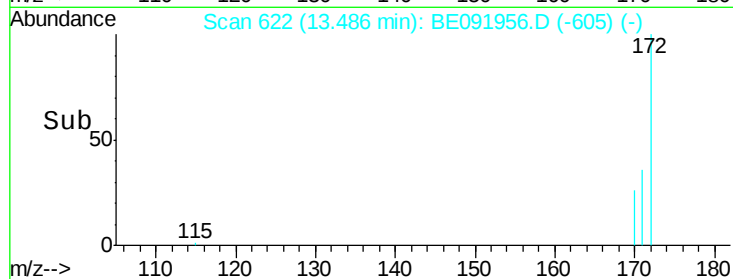
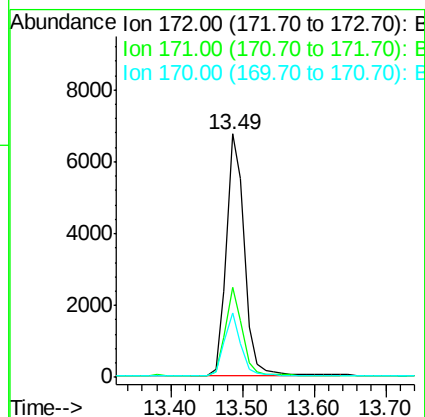
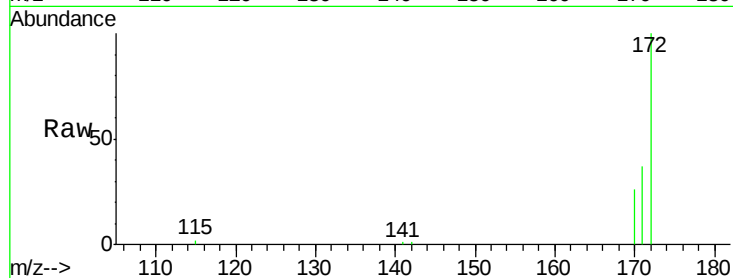




#17
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

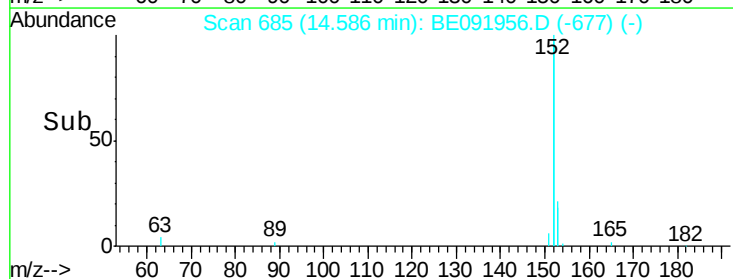
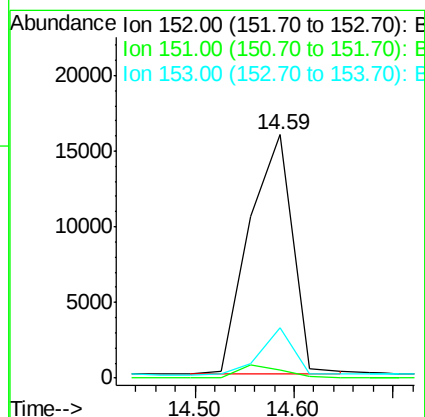
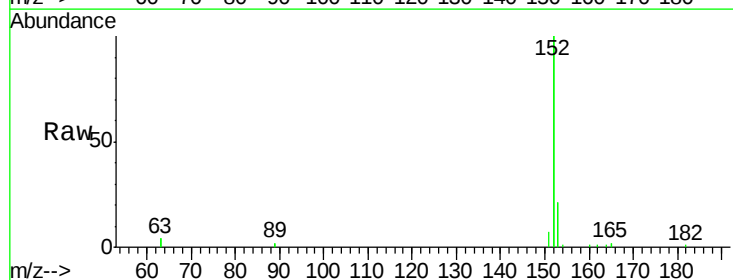
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

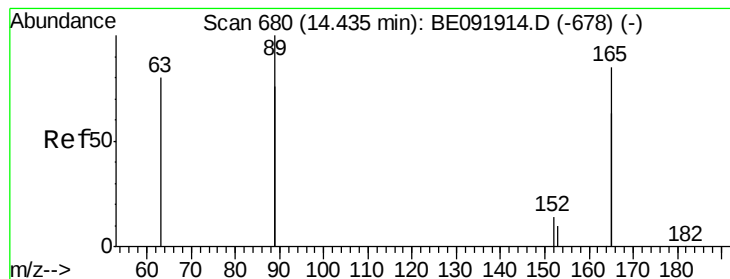
Tgt Ion:172 Resp: 11747
Ion Ratio Lower Upper
172 100
171 36.9 24.3 36.5#
170 26.4 14.9 22.3#



#18
Acenaphthylene
Concen: 0.45 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

Tgt Ion:152 Resp: 48803
Ion Ratio Lower Upper
152 100
151 0.0 19.4 29.2#
153 14.5 14.4 21.6





#19

2,6-Dinitrotoluene

Concen: 0.48 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

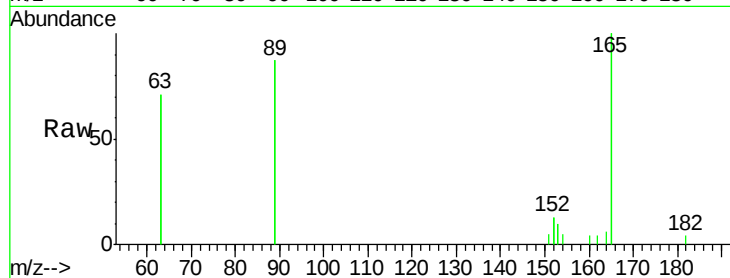
Tgt Ion:165 Resp: 5800

Ion Ratio Lower Upper

165 100

63 103.5 65.9 98.9#

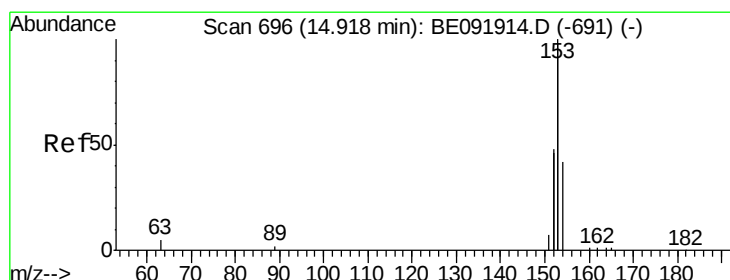
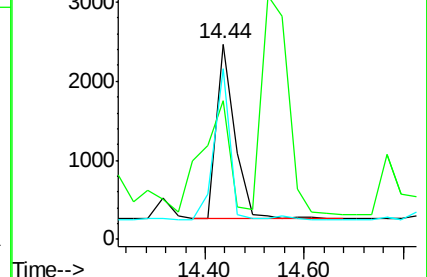
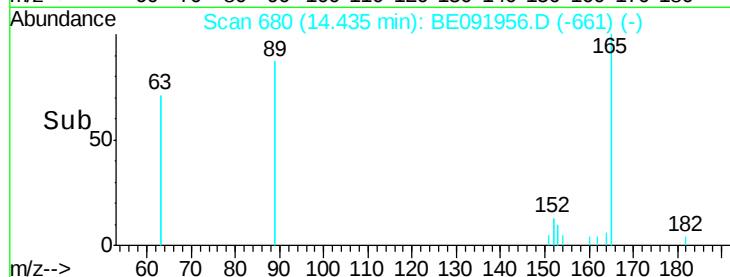
89 204.9 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.42 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

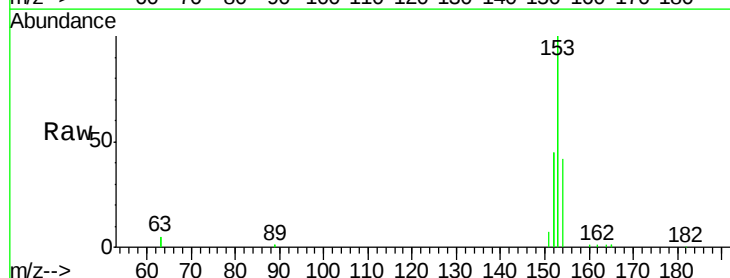
Tgt Ion:154 Resp: 12639

Ion Ratio Lower Upper

154 100

153 451.7 88.1 132.1#

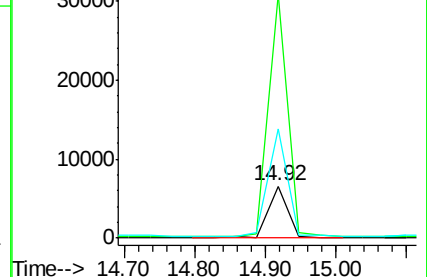
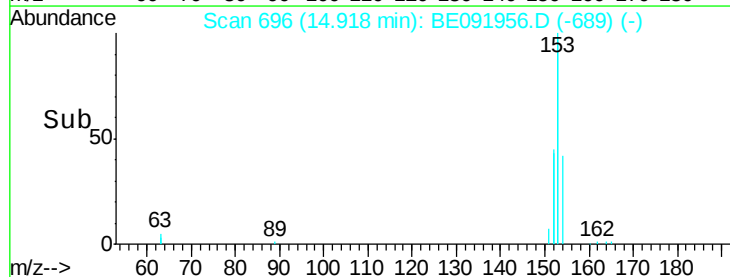
152 202.3 44.2 66.2#

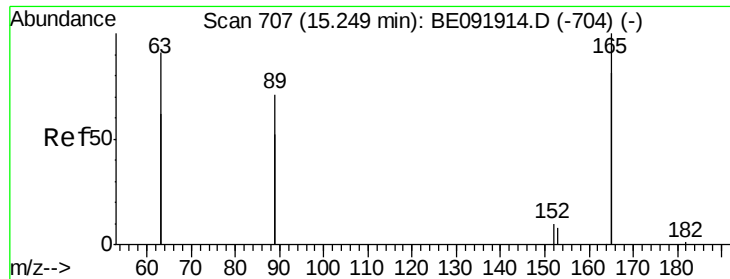


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

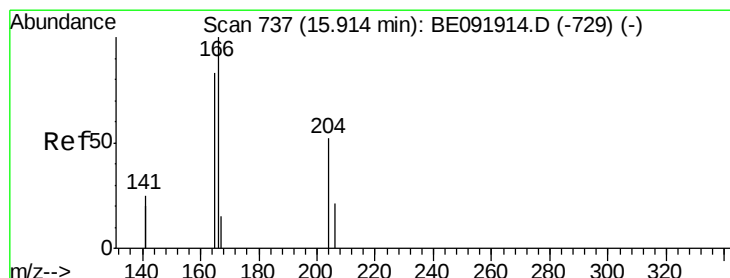
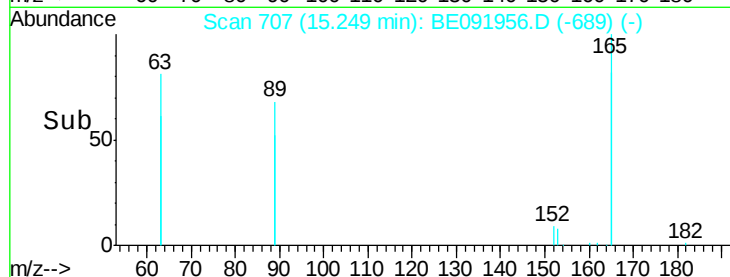
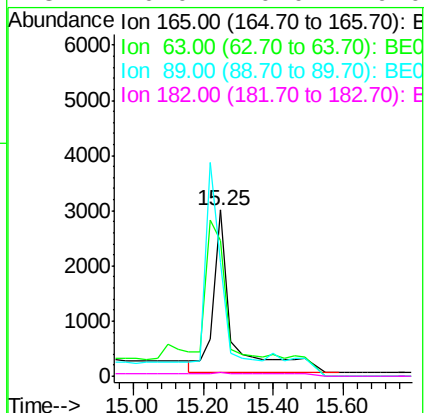
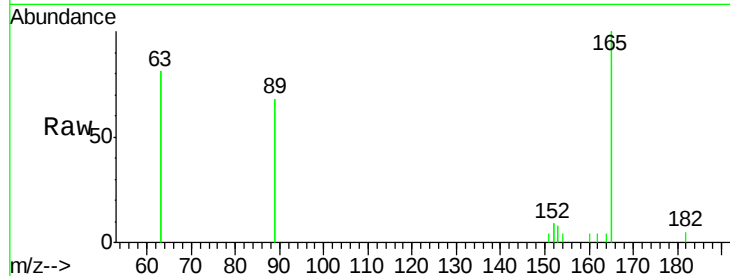




#21
2,4-Dinitrotoluene
Concen: 0.63 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

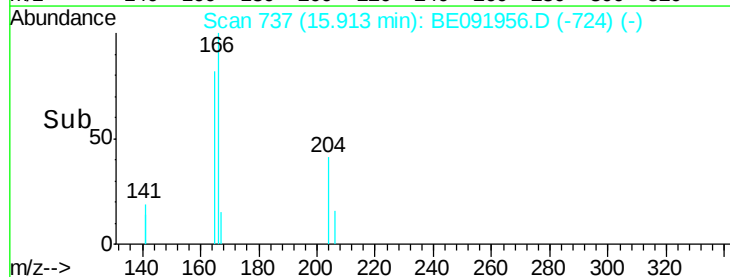
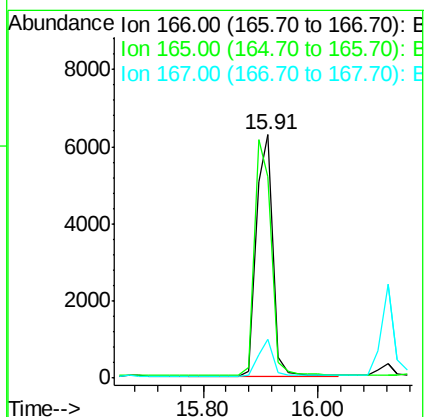
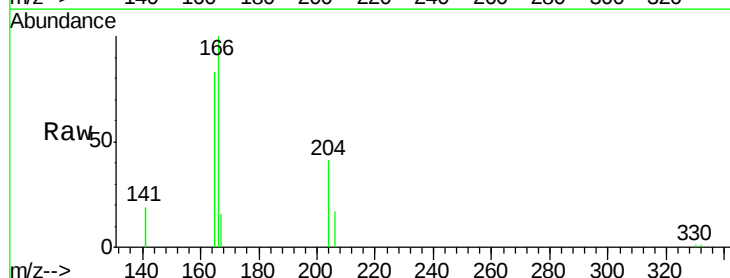
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

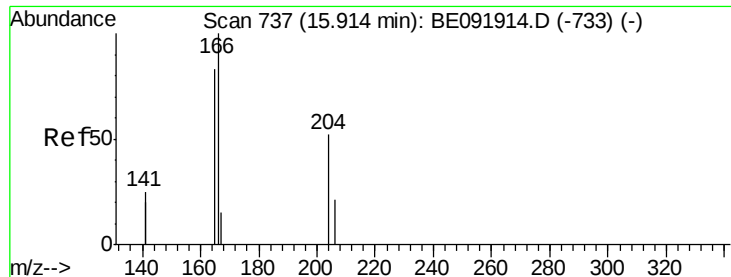
Tgt Ion:165 Resp: 11089
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.42 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

Tgt Ion:166 Resp: 12579
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 13.5 10.8 16.2

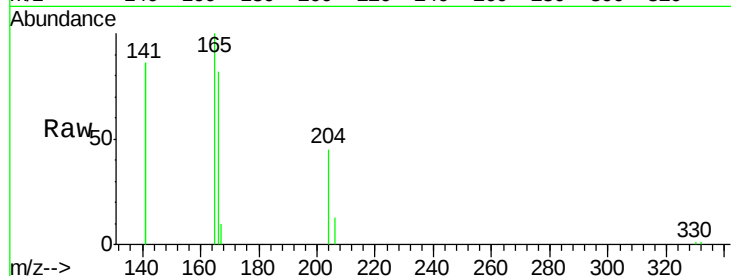




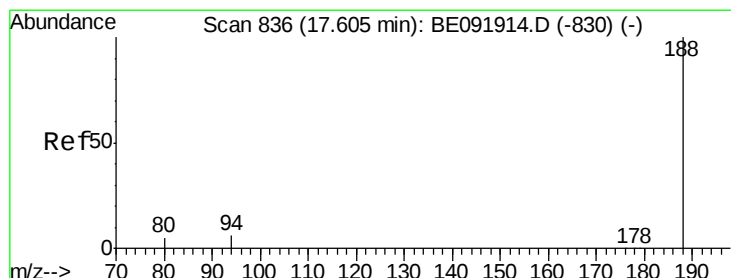
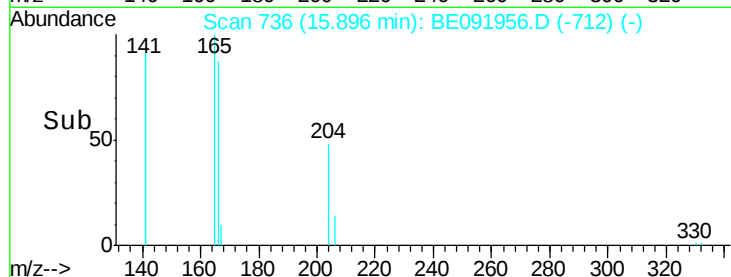
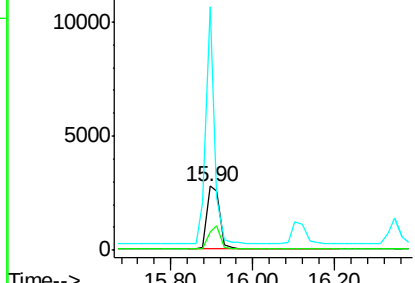
#23
4-Chlorophenyl-phenylether
Concen: 0.41 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 204 Resp: 5924
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 259.7 197.6 296.4

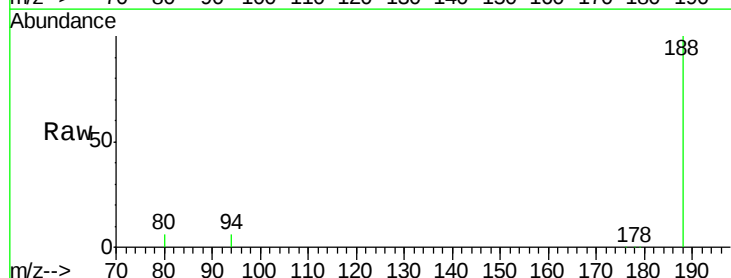


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

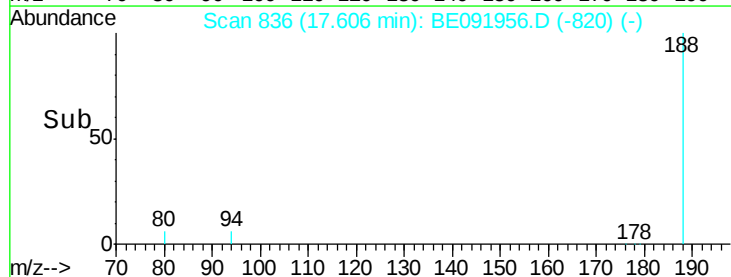
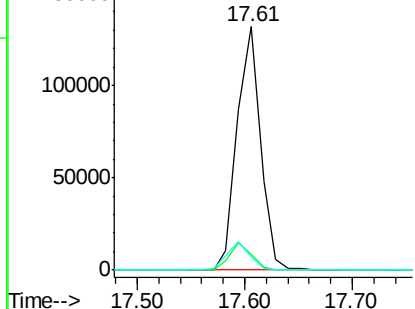


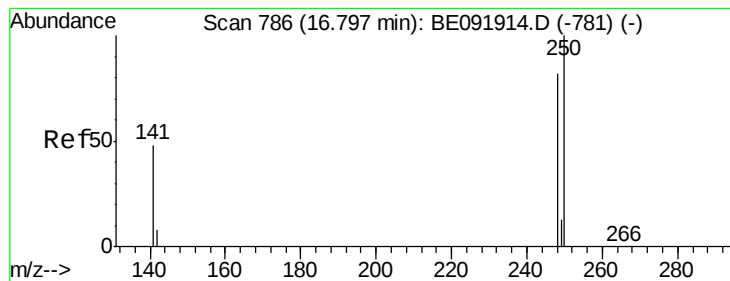
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091956.D
Acq: 24 Jun 2016 21:07

Tgt Ion: 188 Resp: 198738
Ion Ratio Lower Upper
188 100
94 6.4 4.1 6.1#
80 5.6 3.4 5.2#



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





#25

4-Bromophenyl-phenylether

Concen: 0.47 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

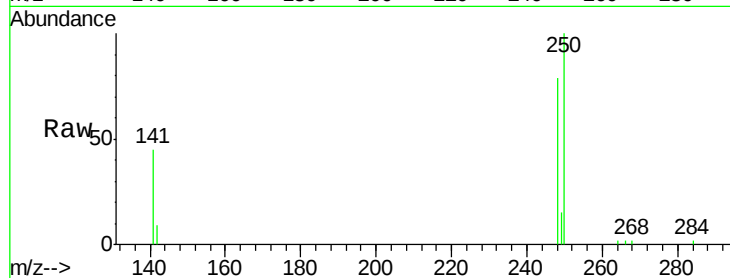
Tgt Ion:248 Resp: 3624

Ion Ratio Lower Upper

248 100

250 97.8 75.7 113.5

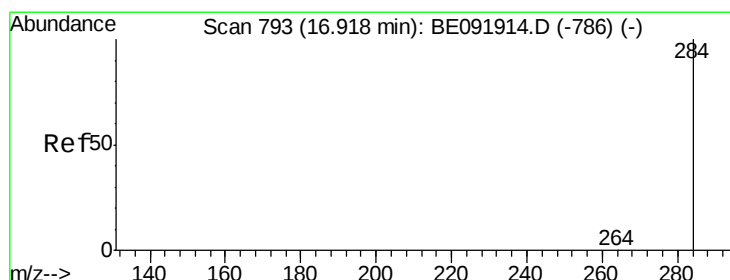
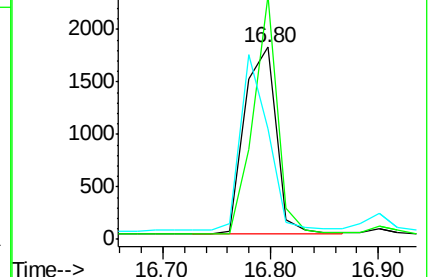
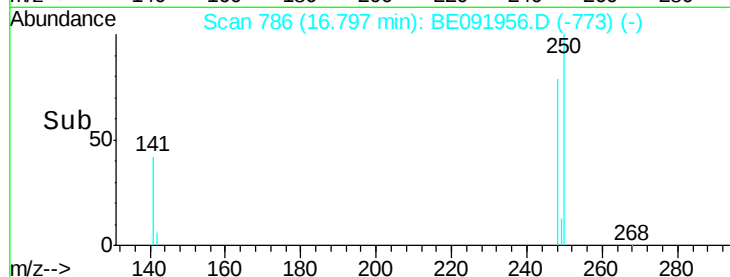
141 83.1 64.6 97.0



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



#26

Hexachlorobenzene

Concen: 0.45 ng

RT: 16.92 min Scan# 793

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

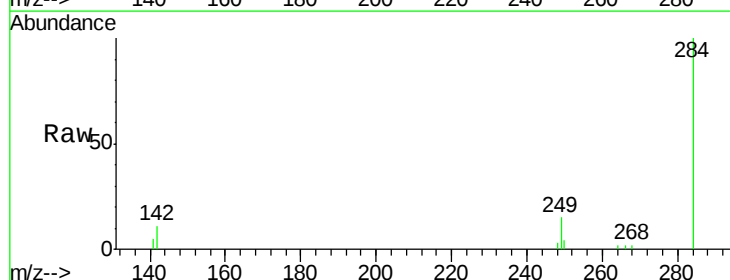
Tgt Ion:284 Resp: 3585

Ion Ratio Lower Upper

284 100

142 40.9 31.4 47.2

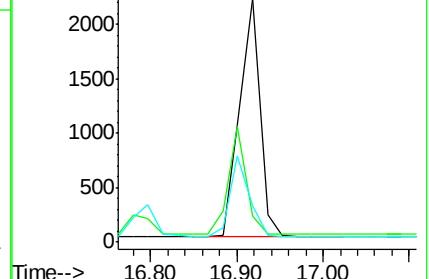
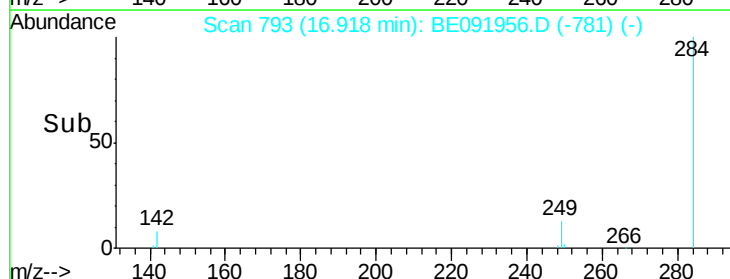
249 32.2 25.3 37.9

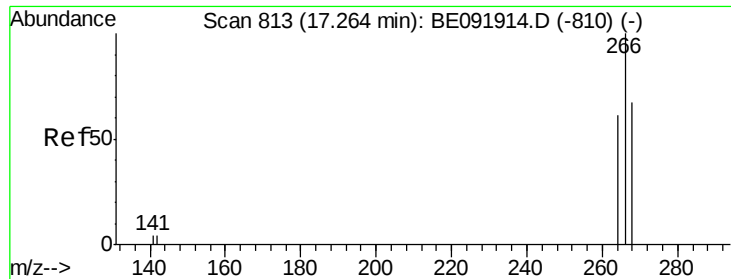


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.58 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

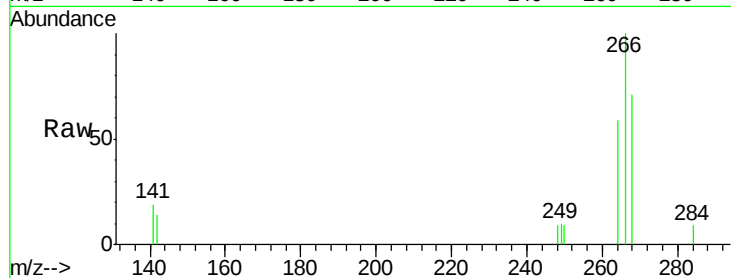
Tgt Ion:266 Resp: 1118

Ion Ratio Lower Upper

266 100

268 71.4 60.5 90.7

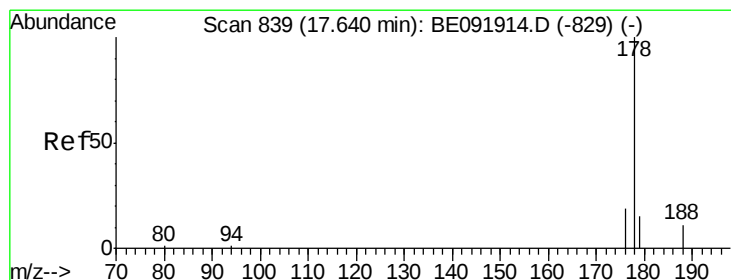
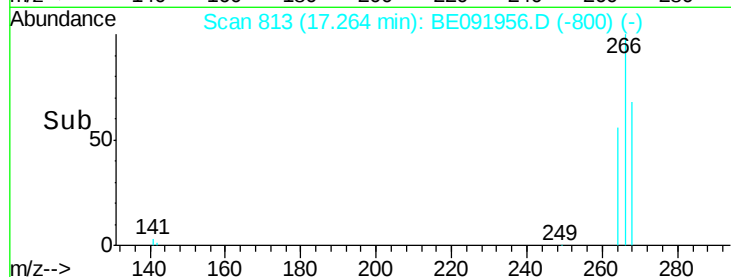
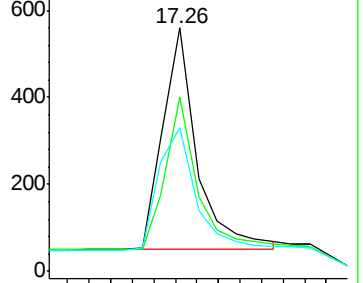
264 59.3 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 0.43 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

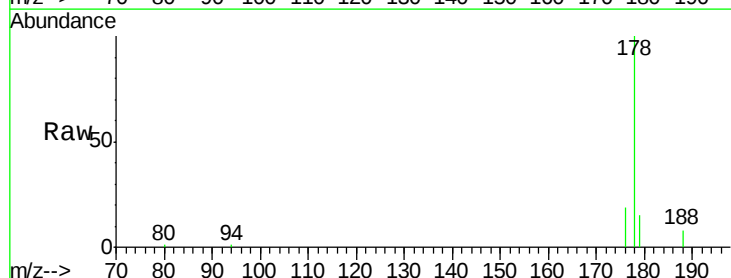
Tgt Ion:178 Resp: 21534

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

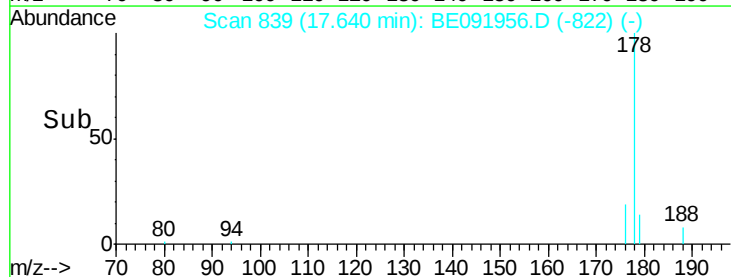
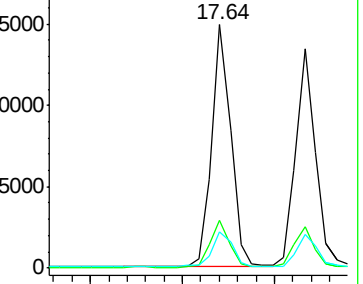
179 16.0 12.9 19.3

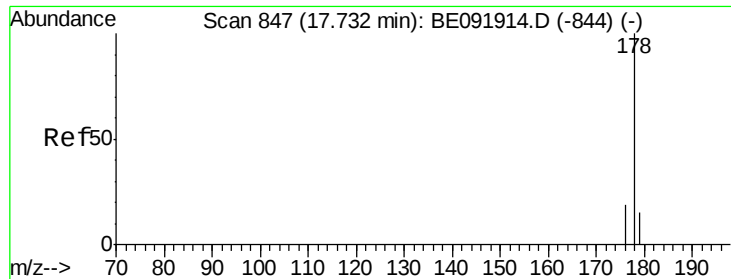


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.46 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

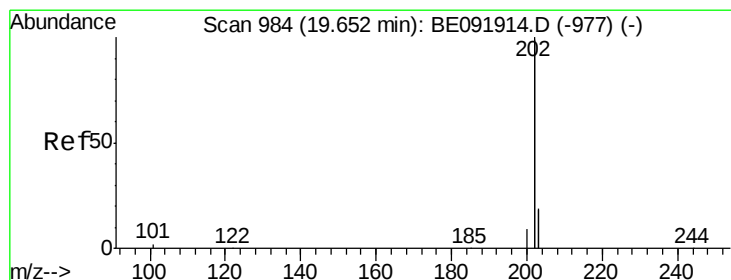
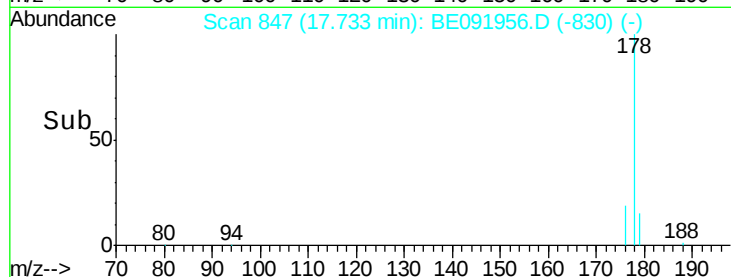
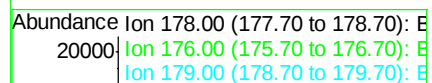
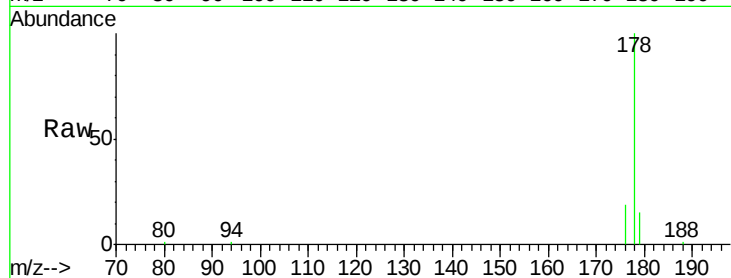
Tgt Ion:178 Resp: 20208

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 14.9 12.1 18.1



#30

Fluoranthene

Concen: 0.43 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

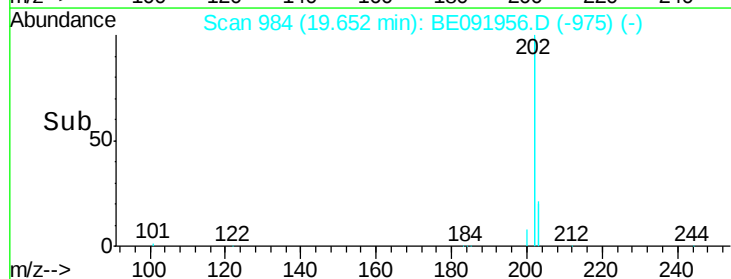
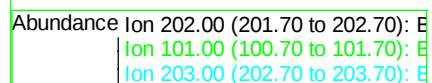
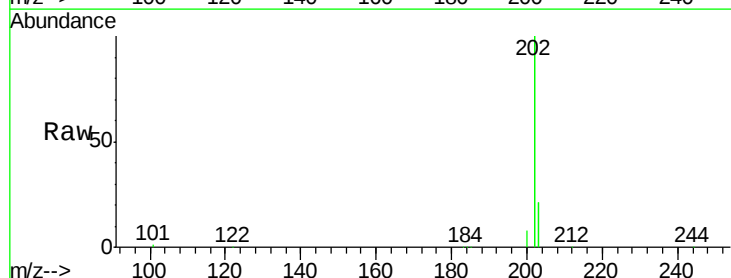
Tgt Ion:202 Resp: 90577

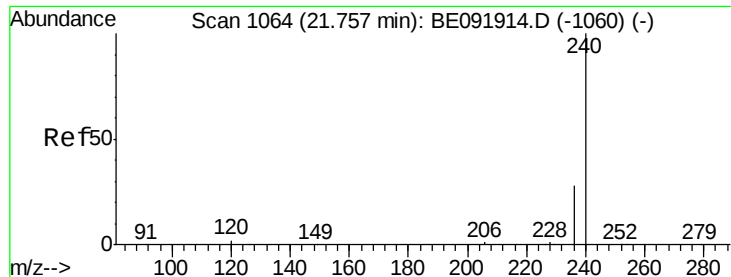
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 19.3 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

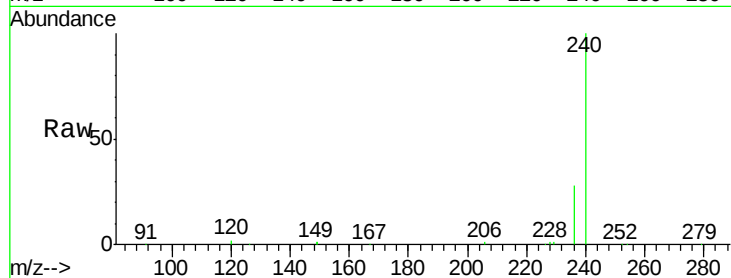
Tgt Ion:240 Resp: 274612

Ion Ratio Lower Upper

240 100

120 1.7 1.2 1.8

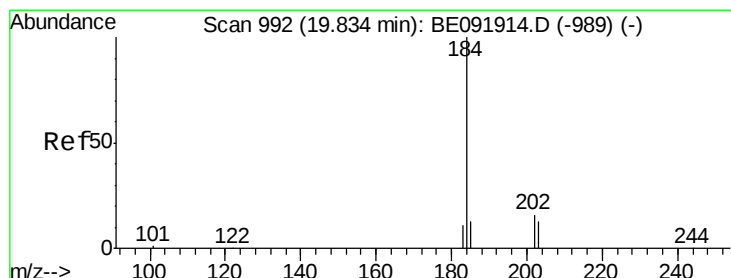
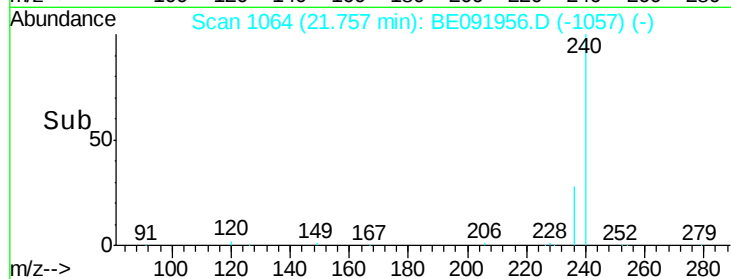
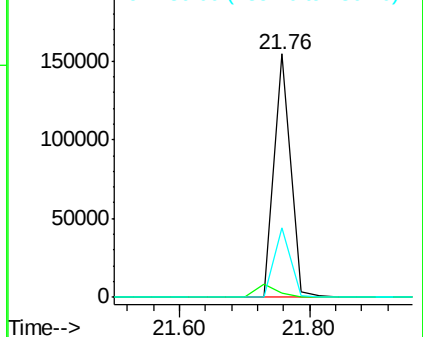
236 28.4 19.8 29.8



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



#32

Benzidine

Concen: 0.88 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

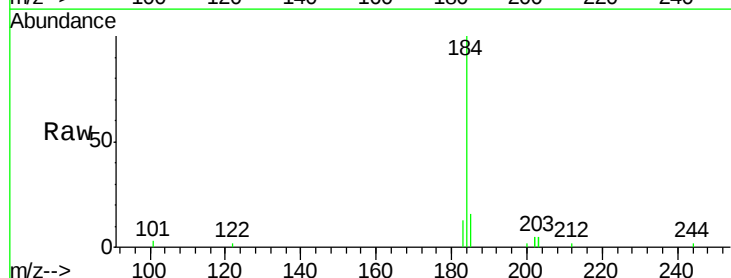
Tgt Ion:184 Resp: 9168

Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.2

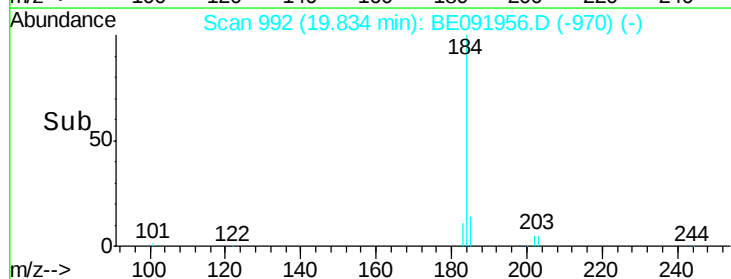
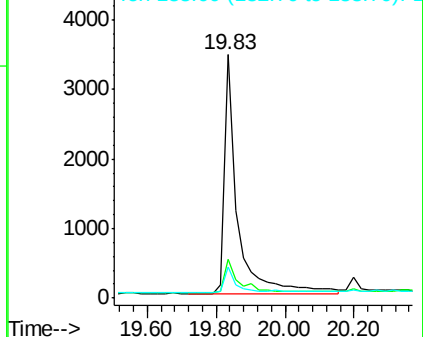
183 12.9 11.8 17.6

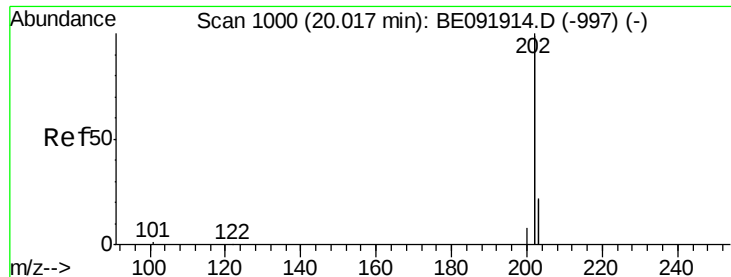


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

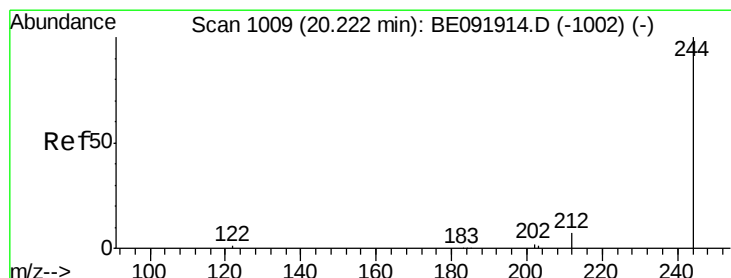
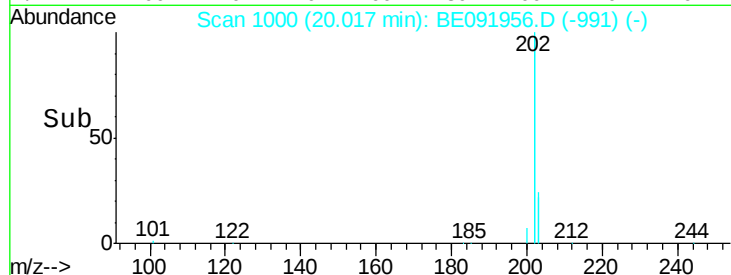
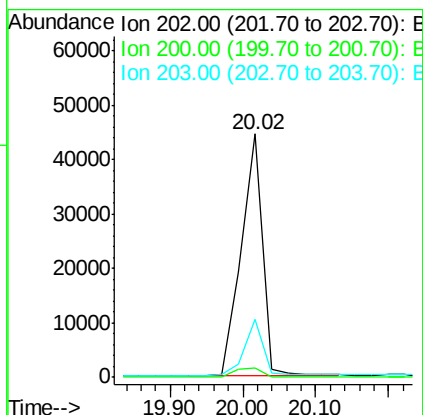
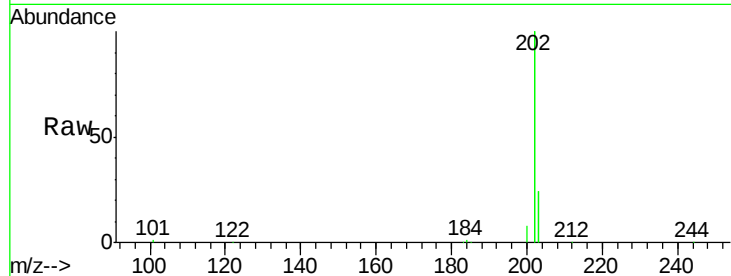




#33
 Pyrene
 Concen: 0.48 ng
 RT: 20.02 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BE091956.D
 Acq: 24 Jun 2016 21:07

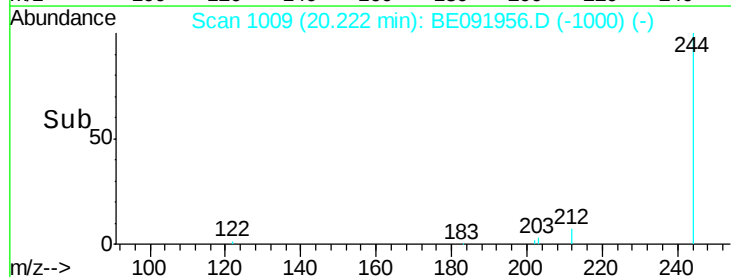
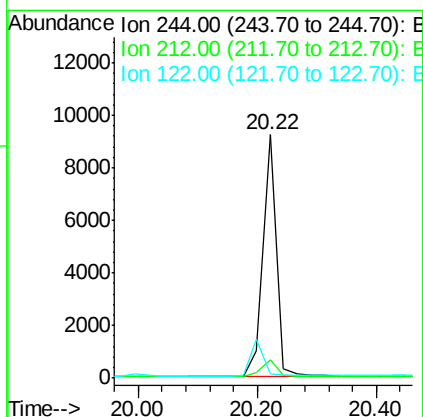
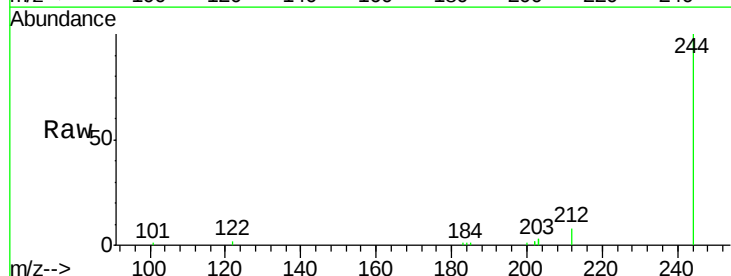
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

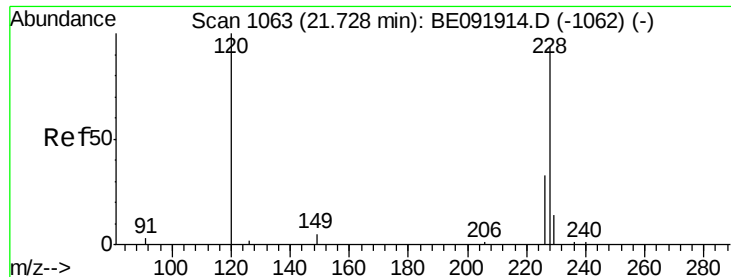
Tgt Ion: 202 Resp: 89504
 Ion Ratio Lower Upper
 202 100
 200 5.1 16.9 25.3#
 203 20.2 14.1 21.1



#34
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE091956.D
 Acq: 24 Jun 2016 21:07

Tgt Ion: 244 Resp: 14564
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 1.7 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 1.19 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

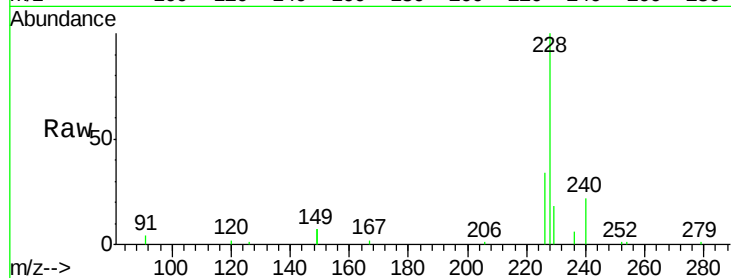
Tgt Ion:228 Resp: 51470

Ion Ratio Lower Upper

228 100

226 34.0 21.0 31.4#

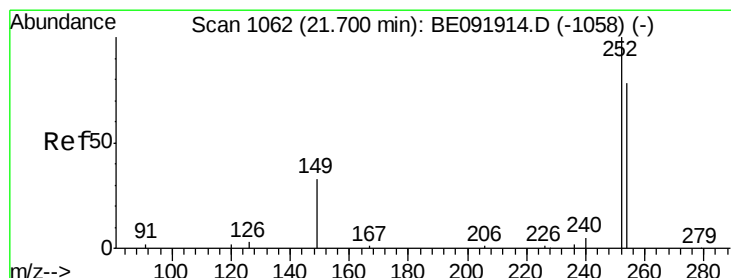
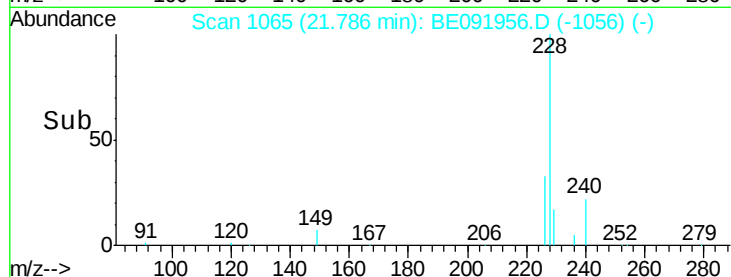
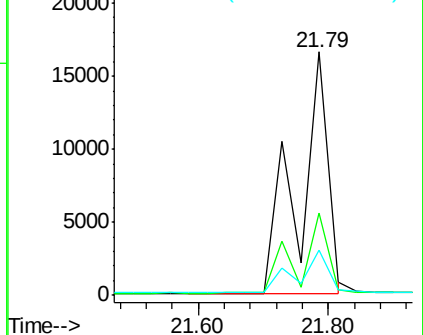
229 18.4 15.8 23.8



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



#36

3,3'-Dichlorobenzidine

Concen: 0.74 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.03 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

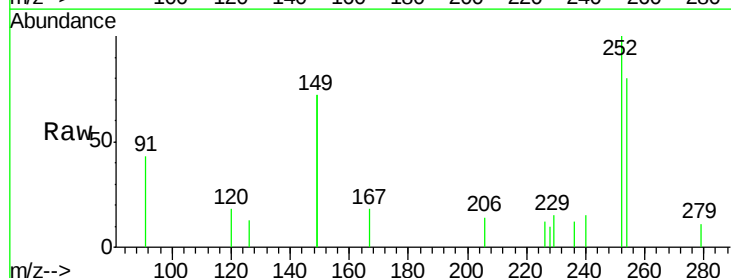
Tgt Ion:252 Resp: 5205

Ion Ratio Lower Upper

252 100

254 80.3 61.5 92.3

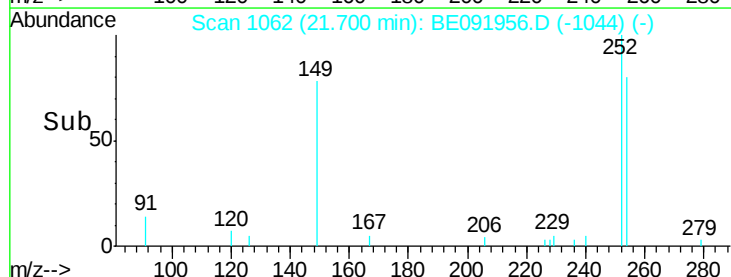
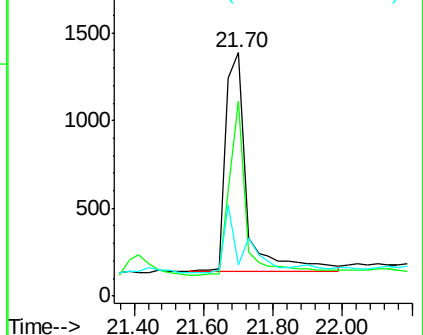
126 12.8 2.5 3.7#

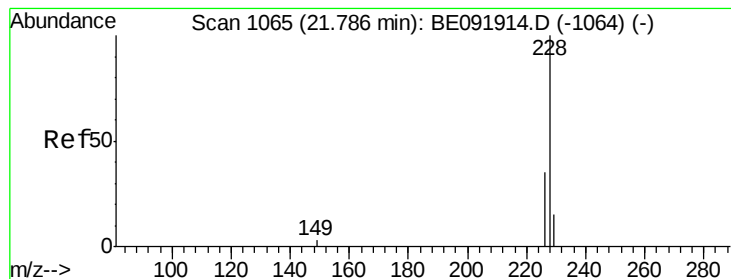


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.82 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

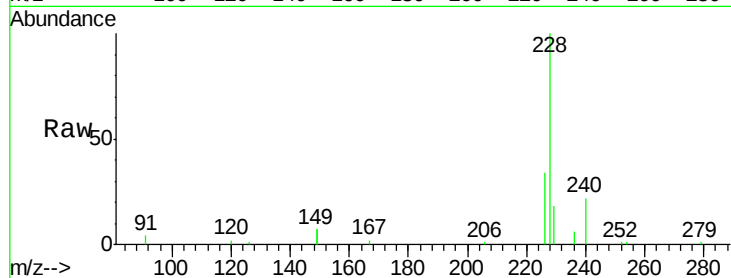
Tgt Ion:228 Resp: 51751

Ion Ratio Lower Upper

228 100

226 34.0 27.0 40.6

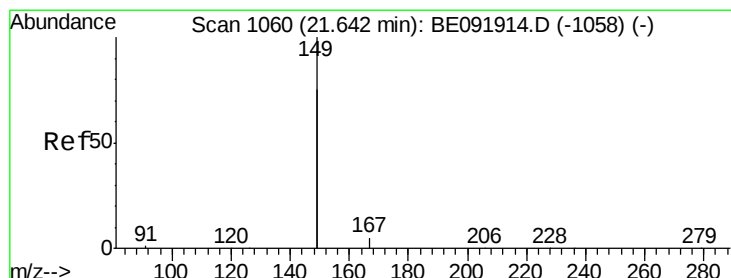
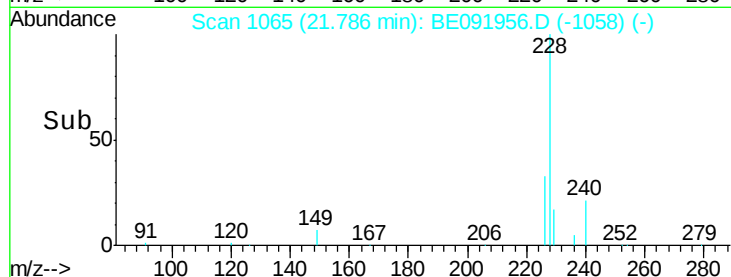
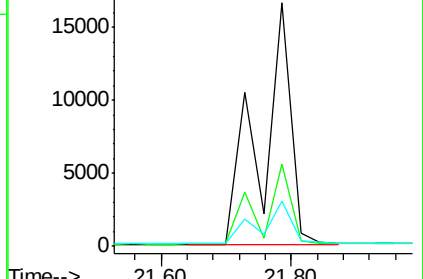
229 18.4 13.8 20.8



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 1.46 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

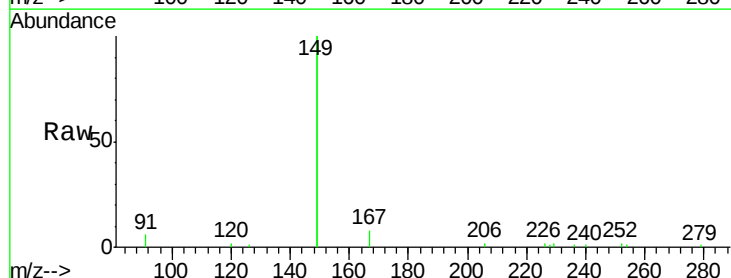
Tgt Ion:149 Resp: 40257

Ion Ratio Lower Upper

149 100

167 5.4 0.0 0.0#

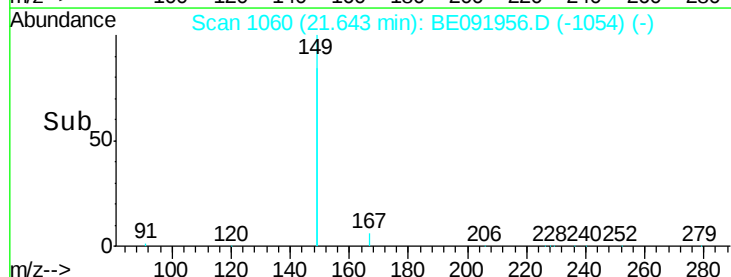
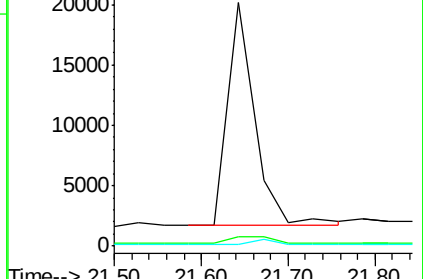
279 0.0 0.0 0.0

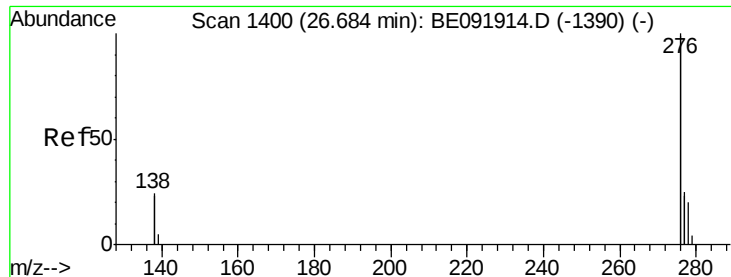


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

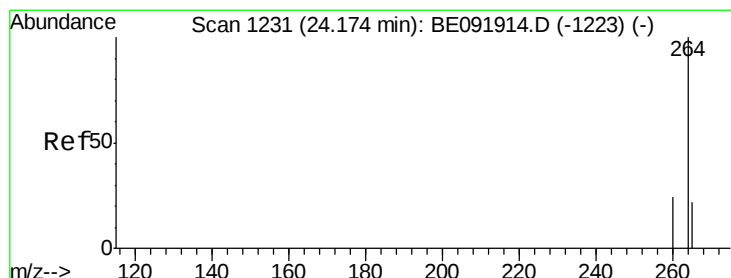
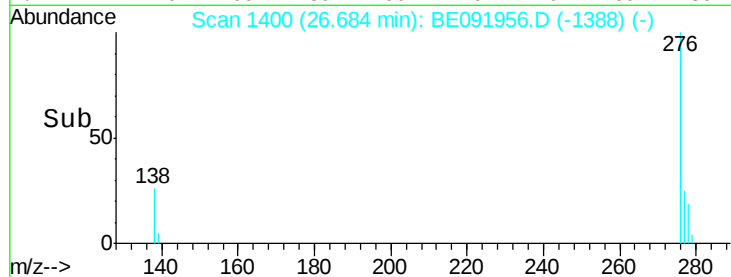
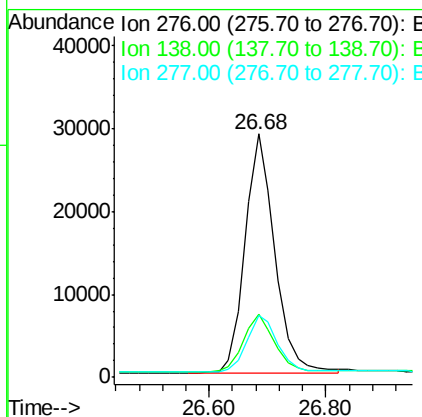
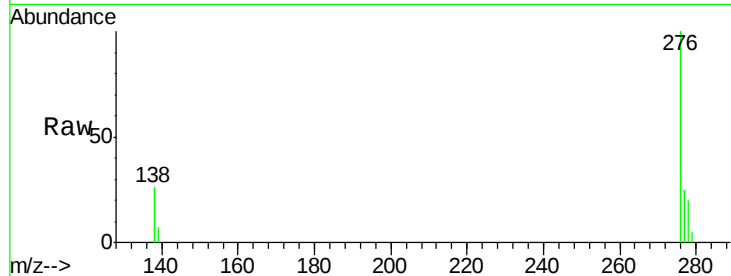




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.47 ng
 RT: 26.68 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BE091956.D
 Acq: 24 Jun 2016 21:07

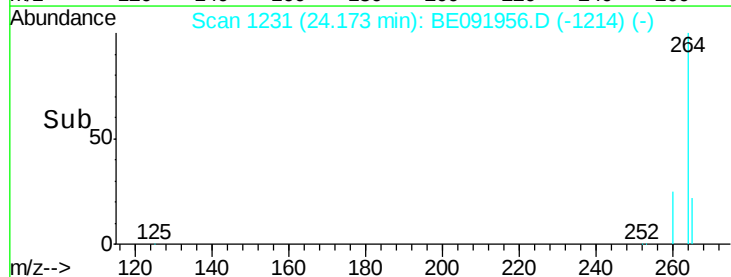
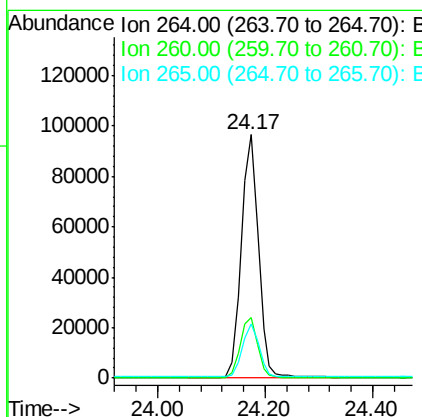
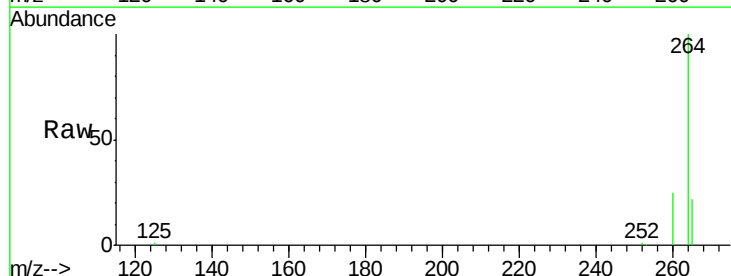
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

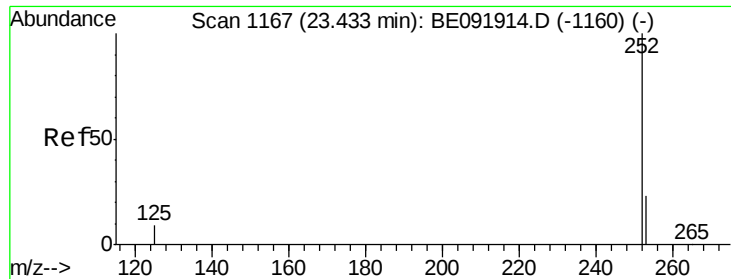
Tgt Ion: 276 Resp: 102099
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.7 29.5
 277 24.1 20.1 30.1



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.17 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BE091956.D
 Acq: 24 Jun 2016 21:07

Tgt Ion: 264 Resp: 210095
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.3 30.5
 265 22.1 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.47 ng

RT: 23.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

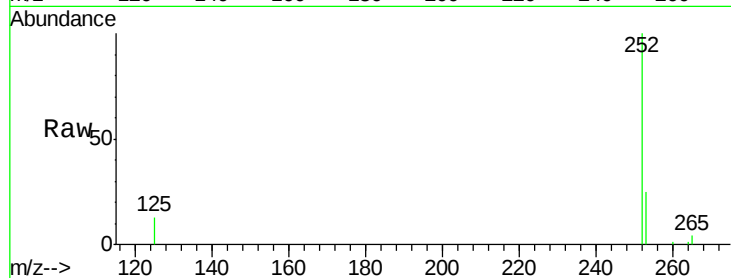
Tgt Ion:252 Resp: 25124

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

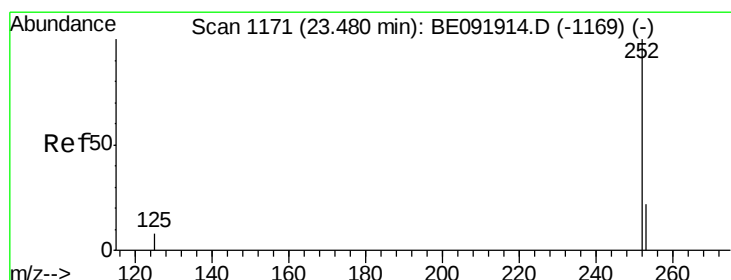
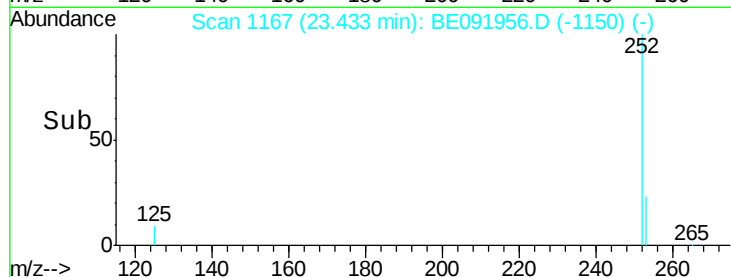
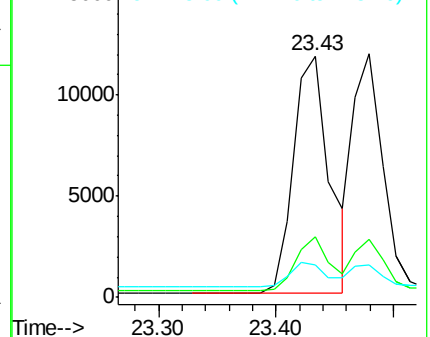
125 13.3 9.4 14.2



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



#42

Benzo(k)fluoranthene

Concen: 0.44 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

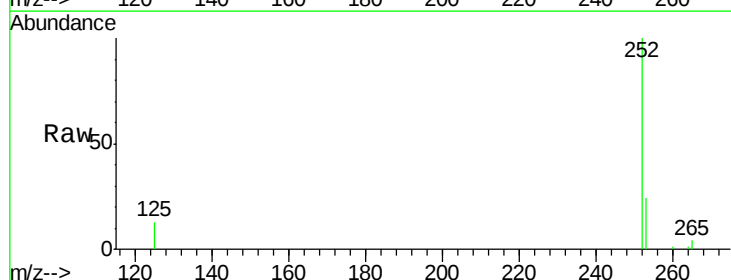
Tgt Ion:252 Resp: 21487

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

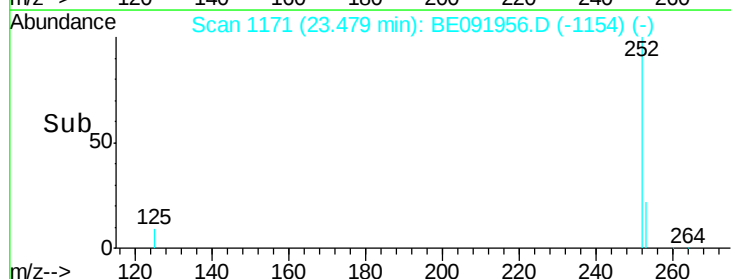
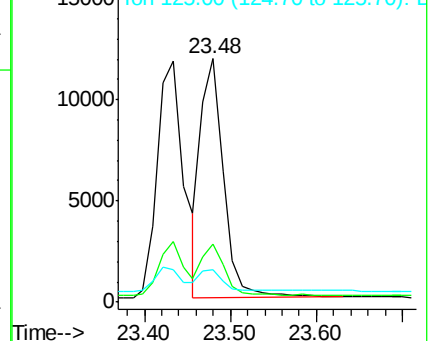
125 13.4 8.3 12.5#

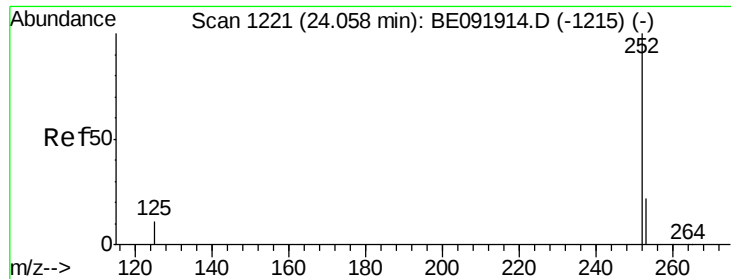


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.47 ng

RT: 24.06 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

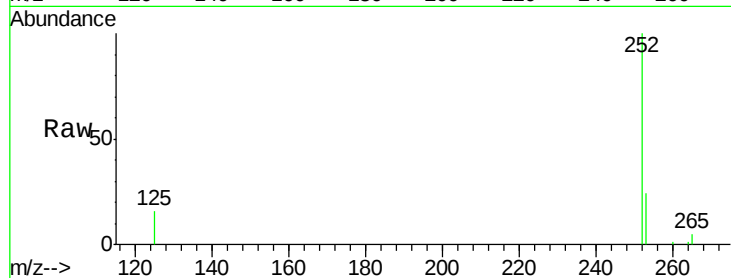
Tgt Ion: 252 Resp: 22318

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

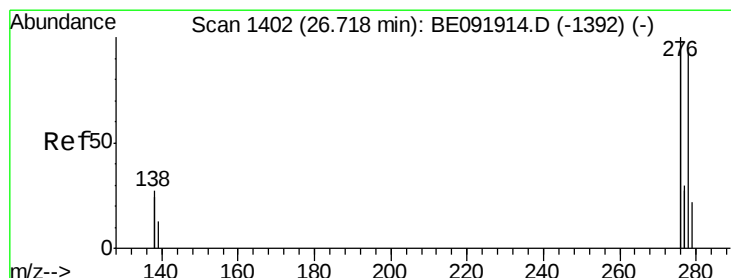
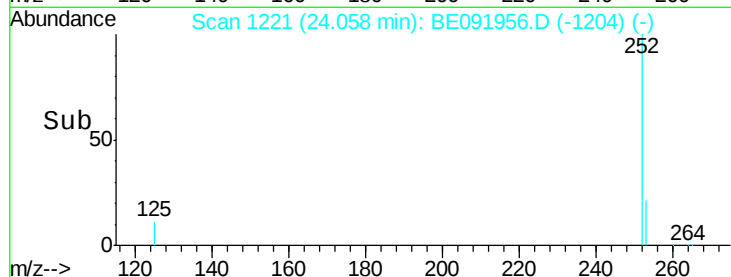
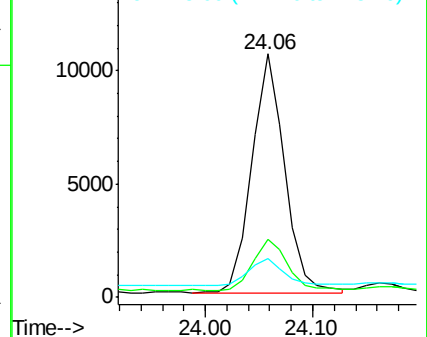
125 15.8 10.5 15.7#



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



#44

Dibenzo(a,h)anthracene

Concen: 0.45 ng

RT: 26.70 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BE091956.D

Acq: 24 Jun 2016 21:07

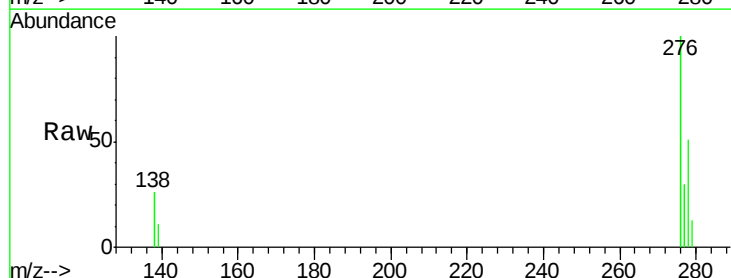
Tgt Ion: 278 Resp: 20843

Ion Ratio Lower Upper

278 100

139 22.4 12.6 18.8#

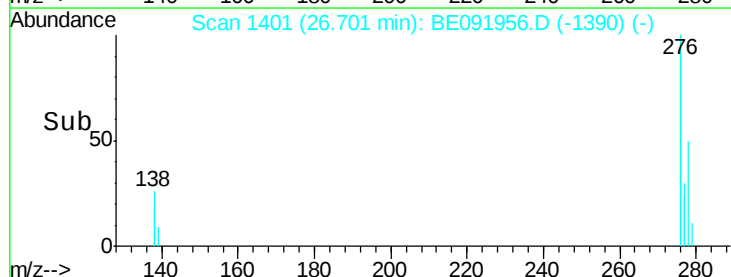
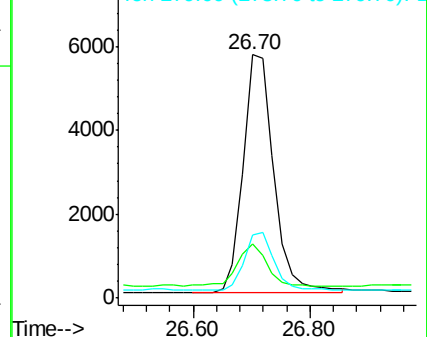
279 25.8 20.0 30.0

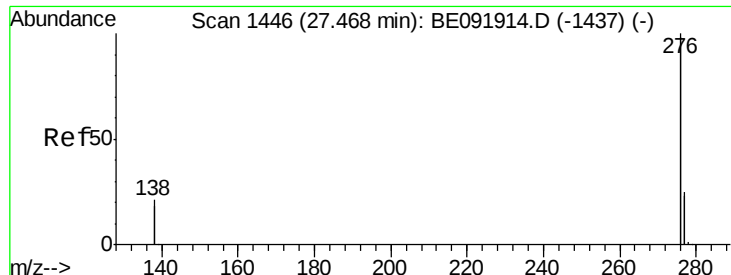


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.46 ng

RT: 27.47 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BE091956.D

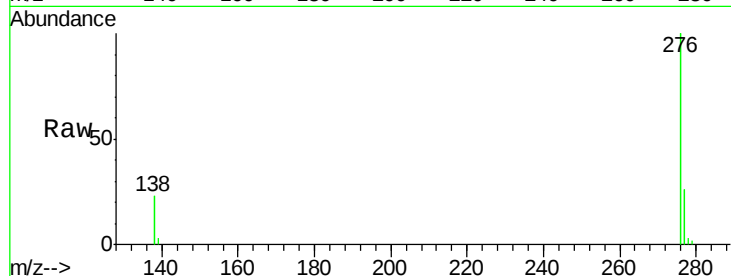
Acq: 24 Jun 2016 21:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 87068

Ion Ratio Lower Upper

276 100

277 26.3 19.5 29.3

138 23.0 17.7 26.5

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

