

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061416\
 Data File : BE091915.D
 Acq On : 14 Jun 2016 17:02
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 14 18:02:55 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	23914	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	106196	5.00	ng	0.02
15) Acenaphthene-d10	14.86	164	74554	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	173049	5.00	ng	0.00
31) Chrysene-d12	21.76	240	267623	5.00	ng	0.00
40) Perylene-d12	24.17	264	203753	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.74	112	749	0.15	ng	0.02
5) Phenol-d6	7.37	99	879	0.14	ng	0.02
9) Nitrobenzene-d5	9.39	82	1117	0.16	ng	0.02
16) 2,4,6-Tribromophenol	16.36	330	220	0.10	ng	0.02
17) 2-Fluorobiphenyl	13.50	172	3511	0.16	ng	0.01
34) Terphenyl-d14	20.22	244	5727	0.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	695	0.19	ng	93
3) n-Nitrosodimethylamine	3.84	42	611	0.15	ng	# 82
6) bis(2-Chloroethyl)ether	7.63	93	1110	0.16	ng	100
7) n-Nitroso-di-n-propylamine	9.02	70	860	0.16	ng	# 95
10) Nitrobenzene	9.42	77	1077	0.17	ng	# 100
11) bis(2-Chloroethoxy)methane	10.47	93	1864	0.17	ng	# 14
12) Naphthalene	11.07	128	4354	0.19	ng	96
13) Hexachlorobutadiene	11.34	225	669	0.20	ng	98
14) 2-Methylnaphthalene	12.70	142	2777	0.19	ng	96
18) Acenaphthylene	14.59	152	13814	0.41	ng	# 74
19) 2,6-Dinitrotoluene	14.47	165	1375	0.38	ng	# 10
20) Acenaphthene	14.92	154	3933	0.19	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	5436	1.28	ng	# 28
22) Fluorene	15.91	166	3775	0.15	ng	99
23) 4-Chlorophenyl-phenylether	15.91	204	1896	0.15	ng	97
25) 4-Bromophenyl-phenylether	16.80	248	1129	0.18	ng	95
26) Hexachlorobenzene	16.92	284	1215	0.19	ng	97
27) Pentachlorophenol	17.26	266	191	0.08	ng	# 86
28) Phenanthrene	17.64	178	7901	0.20	ng	99
29) Anthracene	17.73	178	6287	0.18	ng	100
30) Fluoranthene	19.65	202	31378	0.73	ng	# 87
32) Benzidine	19.86	184	1037	0.06	ng	# 72
33) Pyrene	20.02	202	31967	0.47	ng	# 80
35) Benzo(a)anthracene	21.78	228	18438	0.05	ng	# 89
36) 3,3'-Dichlorobenzidine	21.70	252	1270	0.07	ng	# 91
37) Chrysene	21.78	228	18775	0.07	ng	99
38) Bis(2-ethylhexyl)phthalate	21.67	149	4842	0.13	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	35878	0.44	ng	98
41) Benzo(b)fluoranthene	23.43	252	8844	0.18	ng	97
42) Benzo(k)fluoranthene	23.48	252	8241	0.16	ng	98
43) Benzo(a)pyrene	24.06	252	7431	0.16	ng	96
44) Dibenzo(a,h)anthracene	26.72	278	7390	0.17	ng	97
45) Benzo(a,h,i)perylene	27.47	276	31740	0.70	ng	98

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QLast Update : Tue Jun 14 14:51:32 2016
Response via : Initial Calibration

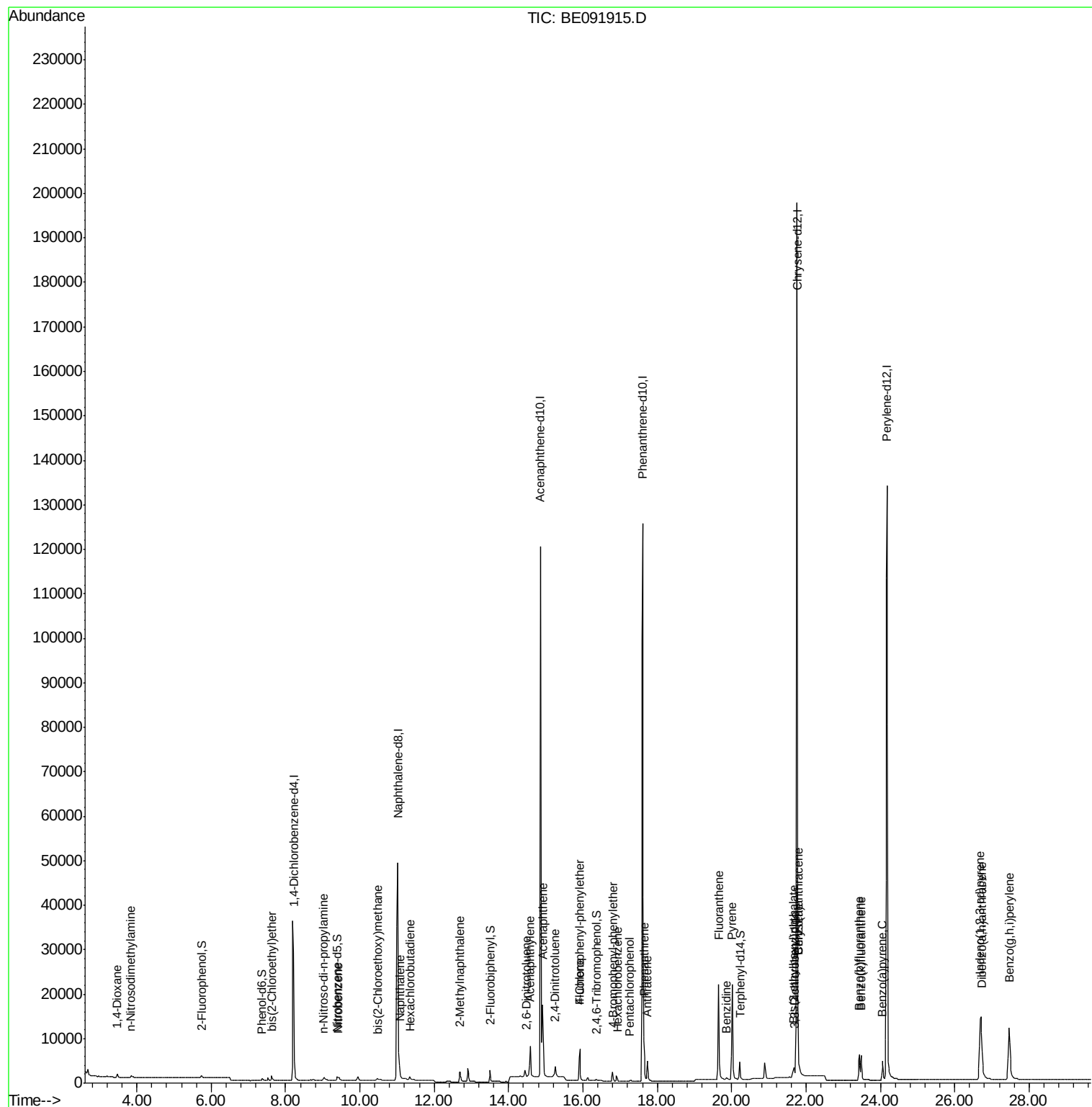
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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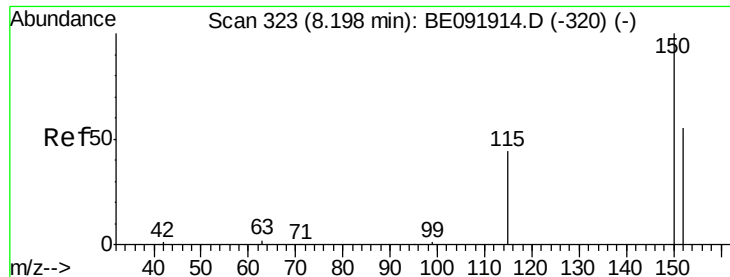
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

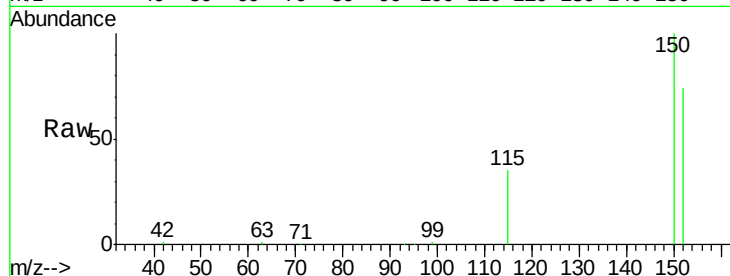
Tot Ion:152 Resp: 23914

Ion Ratio Lower Upper

152 100

150 134.9 123.9 185.9

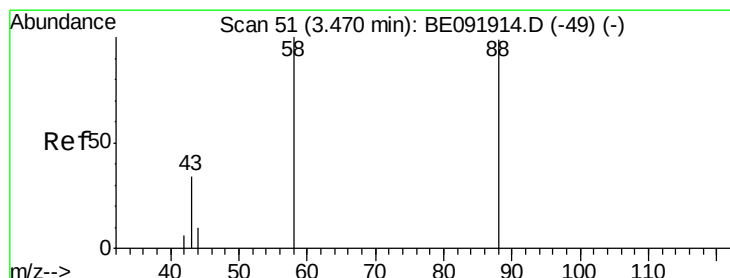
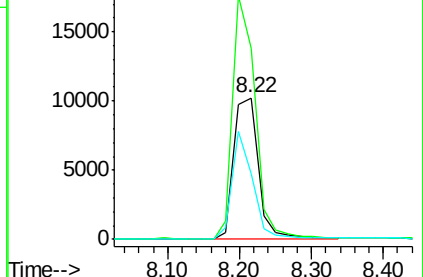
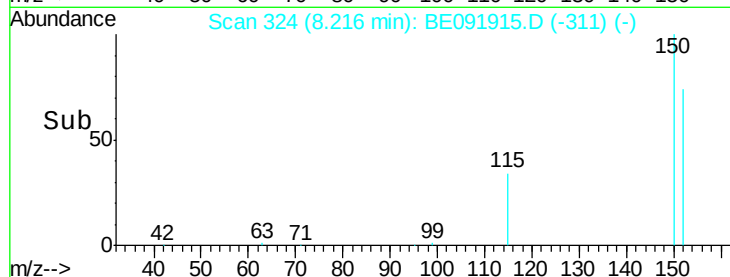
115 46.8 48.3 72.5#



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: 0.19 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

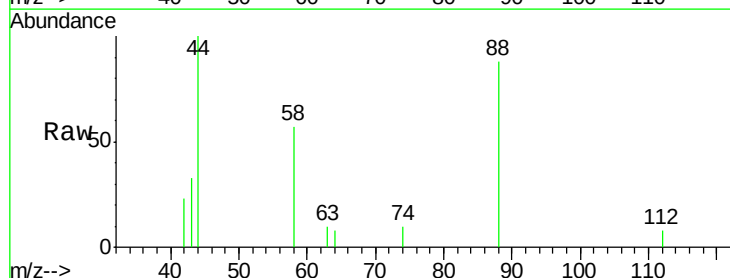
Tgt Ion: 88 Resp: 695

Ion Ratio Lower Upper

88 100

58 72.9 63.0 94.4

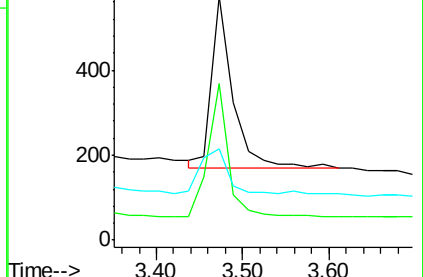
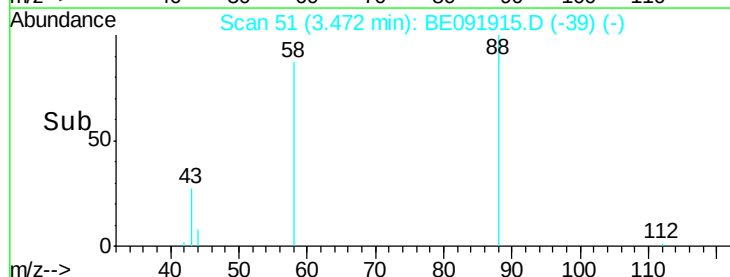
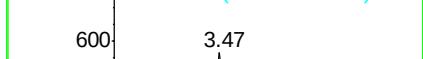
43 32.5 29.1 43.7

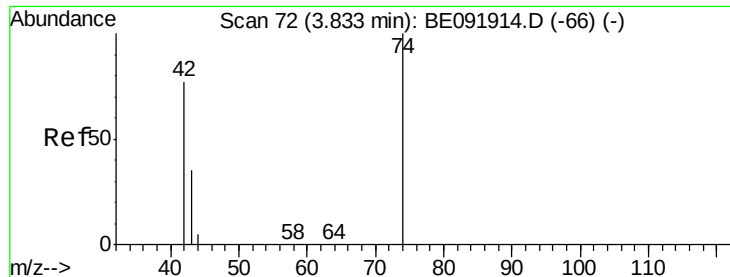


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 3.84 min Scan# 72

Delta R.T. 0.04 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

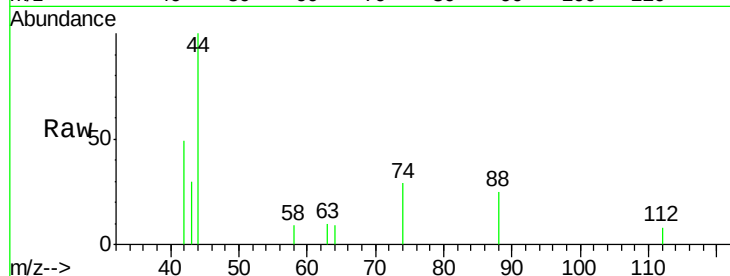
Tot Ion: 42 Resp: 611

Ion Ratio Lower Upper

42 100

74 97.4 93.4 140.0

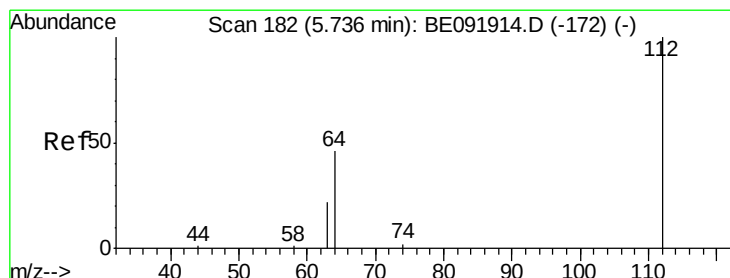
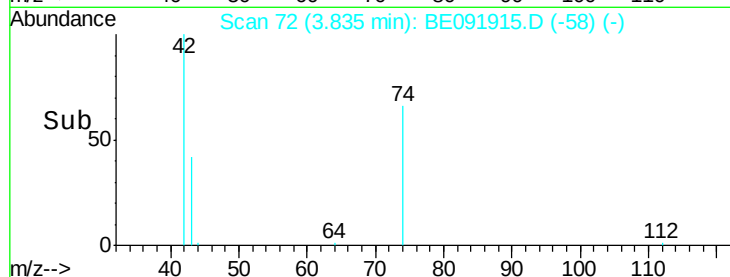
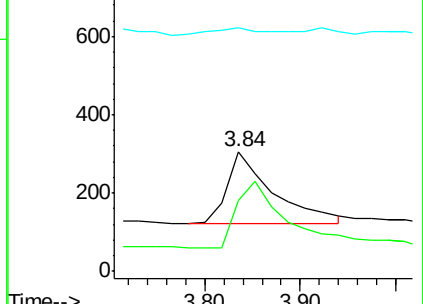
44 12.1 5.0 7.6#



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: 0.15 ng

RT: 5.74 min Scan# 182

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

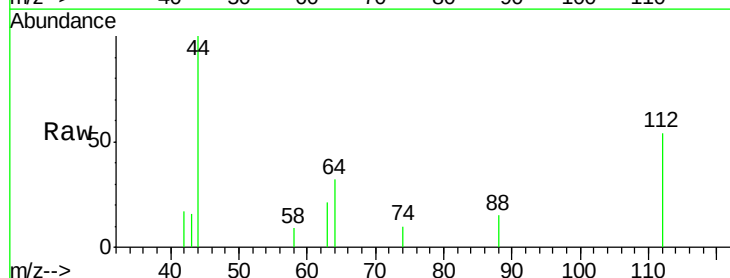
Tgt Ion: 112 Resp: 749

Ion Ratio Lower Upper

112 100

64 70.0 53.7 80.5

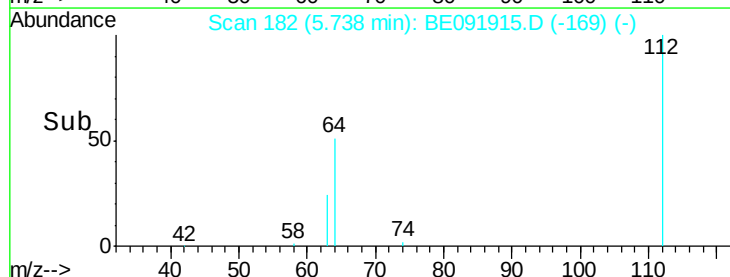
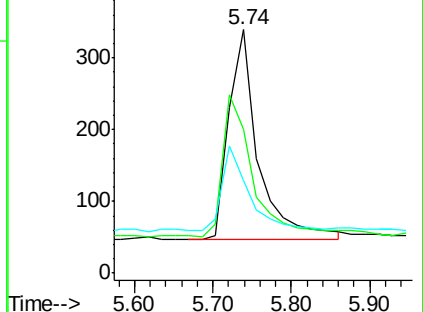
63 38.1 29.5 44.3

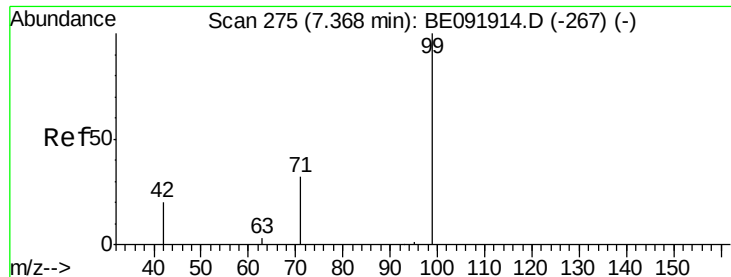


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.14 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

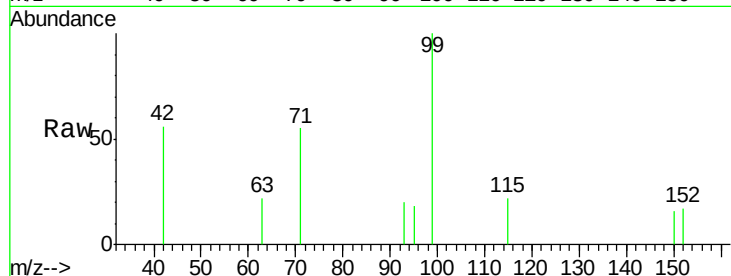
Tot Ion: 99 Resp: 879

Ion Ratio Lower Upper

99 100

42 27.5 19.6 29.4

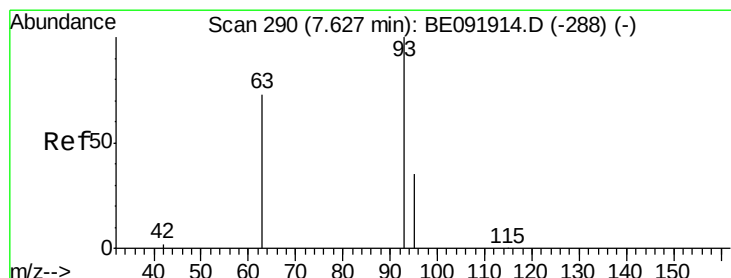
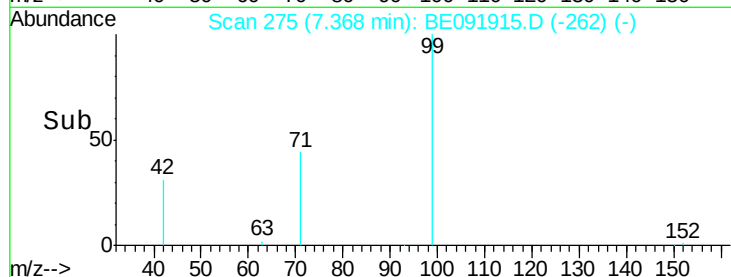
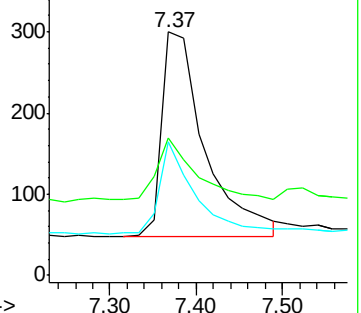
71 37.5 28.1 42.1



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

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

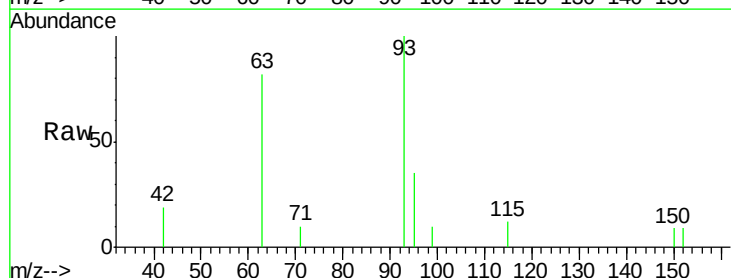
Tgt Ion: 93 Resp: 1110

Ion Ratio Lower Upper

93 100

63 82.6 66.2 99.4

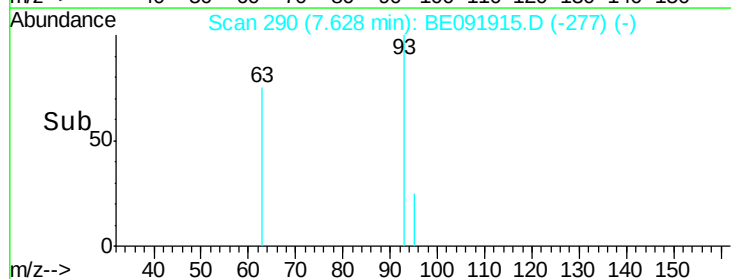
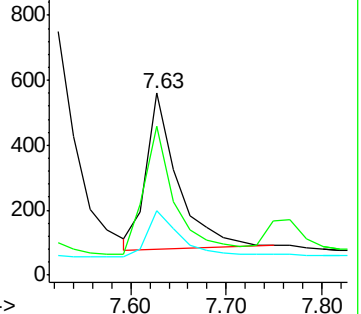
95 32.0 25.5 38.3

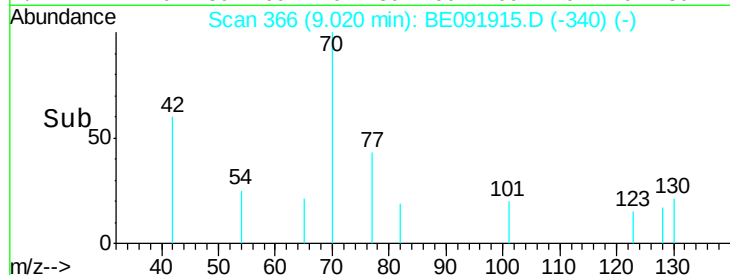
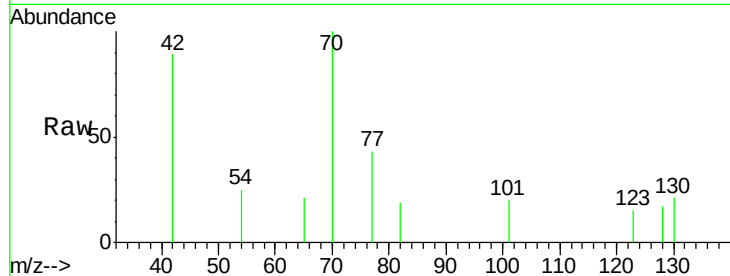
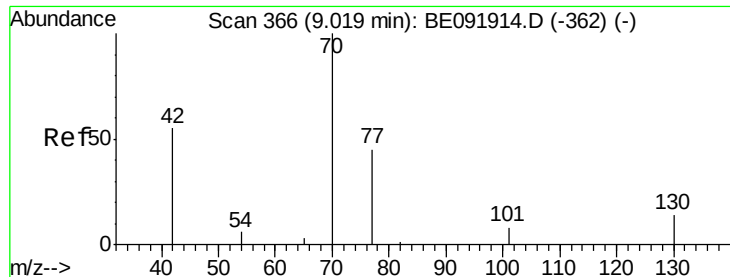


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.16 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion: 70 Resp: 860

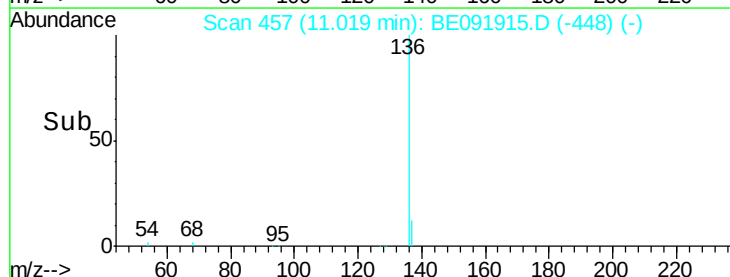
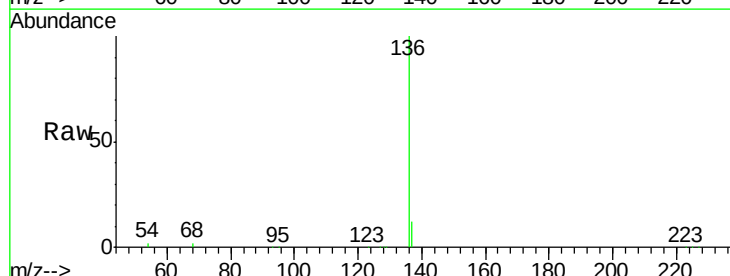
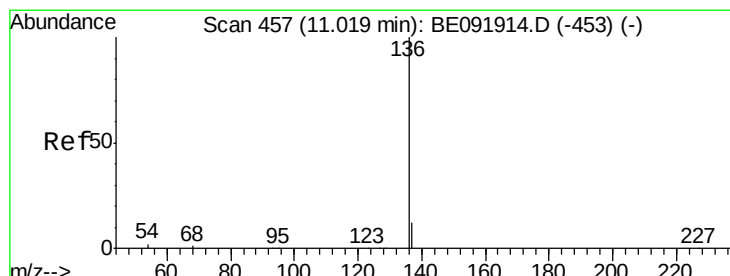
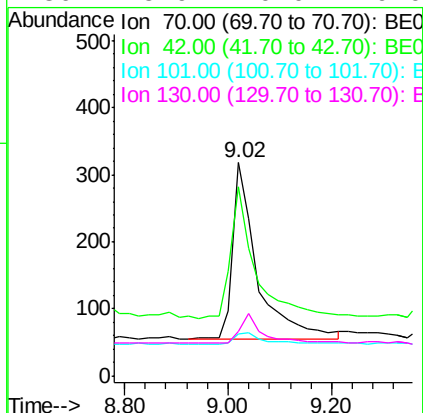
Ion Ratio Lower Upper

70 100

42 77.8 58.4 87.6

101 7.0 6.4 9.6

130 15.9 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Tgt Ion: 136 Resp: 106196

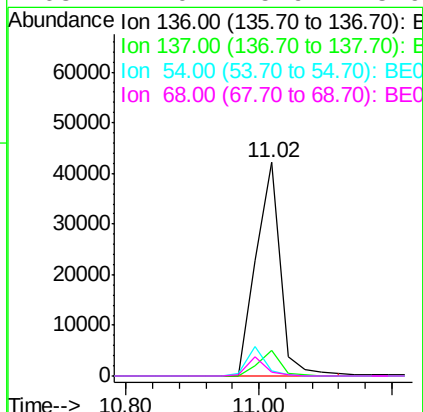
Ion Ratio Lower Upper

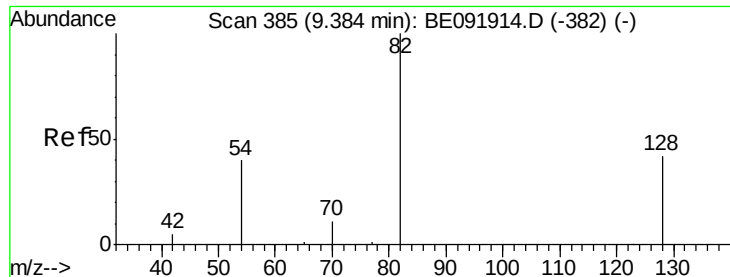
136 100

137 11.9 8.3 12.5

54 2.4 8.2 12.4#

68 2.0 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.16 ng

RT: 9.39 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

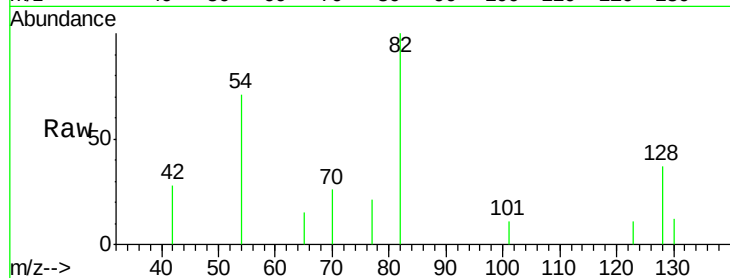
Tot Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 36.7 39.5 59.3#

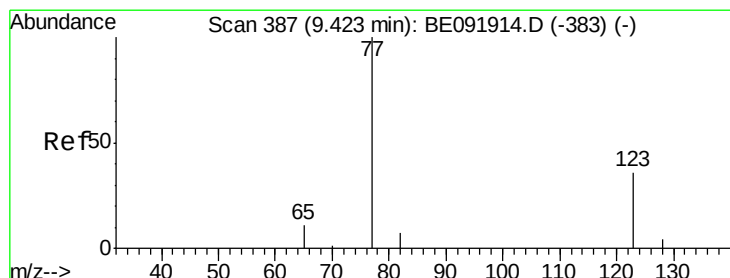
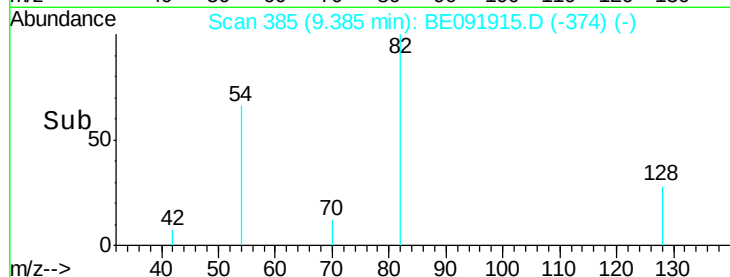
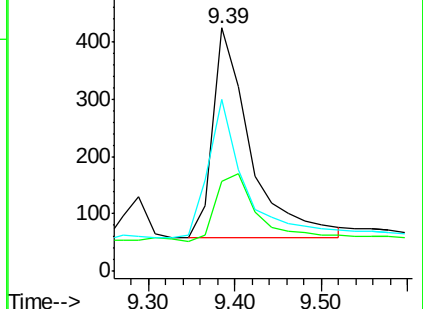
54 70.8 30.3 45.5#



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: 0.17 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

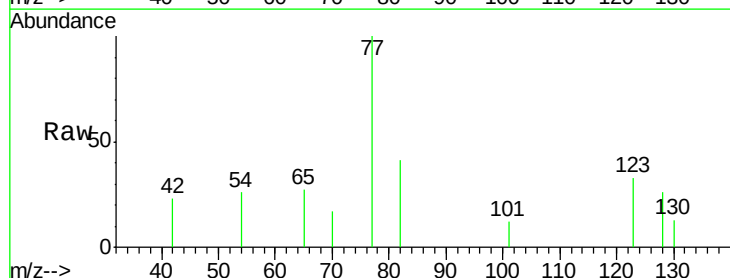
Tgt Ion: 77 Resp: 1077

Ion Ratio Lower Upper

77 100

123 38.3 0.0 0.0#

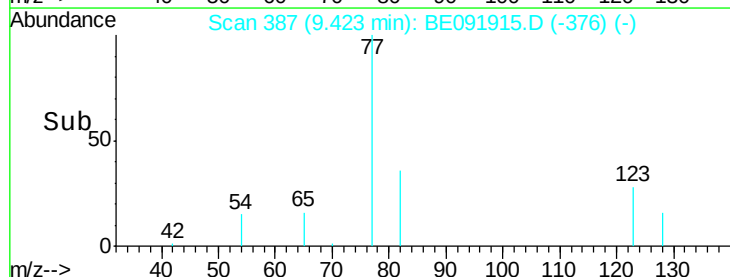
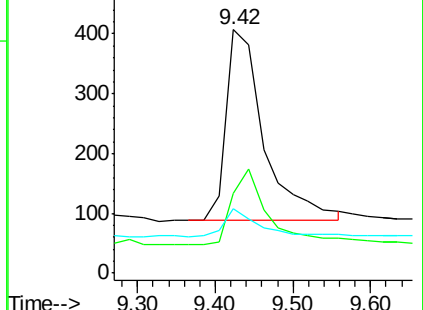
65 13.8 11.1 16.7

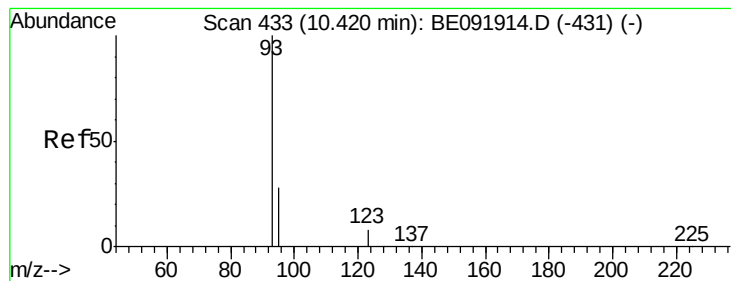


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.17 ng

RT: 10.47 min Scan# 435

Delta R.T. 0.05 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

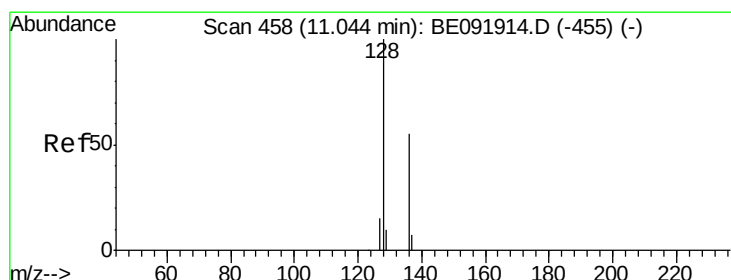
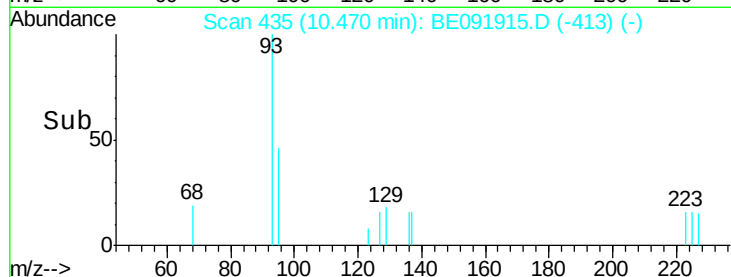
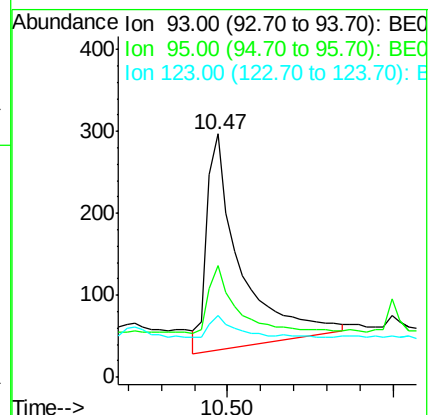
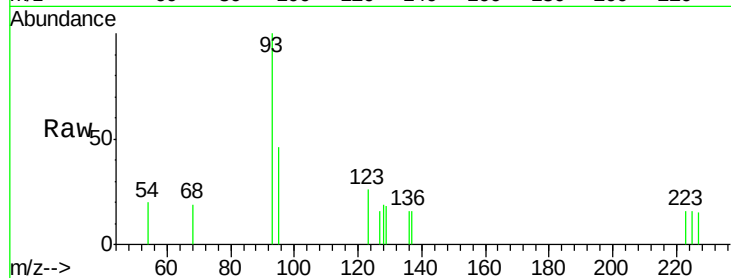
Tot Ion: 93 Resp: 1864

Ion Ratio Lower Upper

93 100

95 26.0 57.6 86.4#

123 7.2 100.2 150.4#



#12

Naphthalene

Concen: 0.19 ng

RT: 11.07 min Scan# 459

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

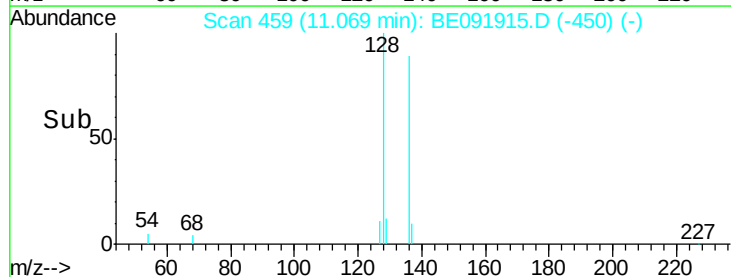
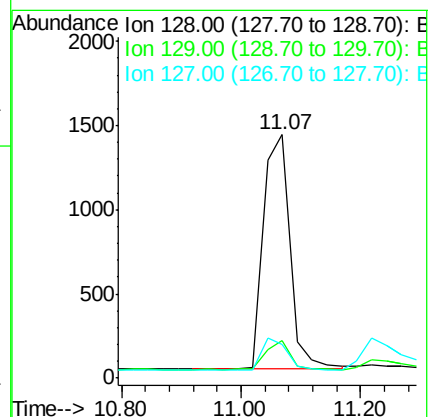
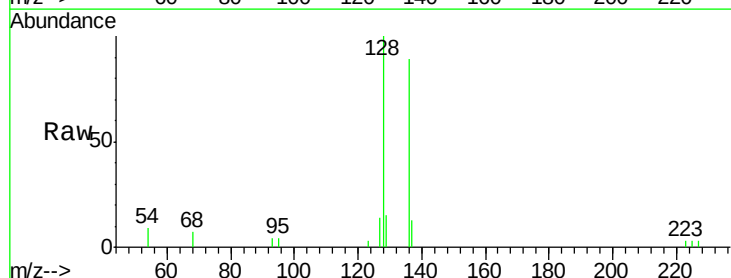
Tgt Ion: 128 Resp: 4354

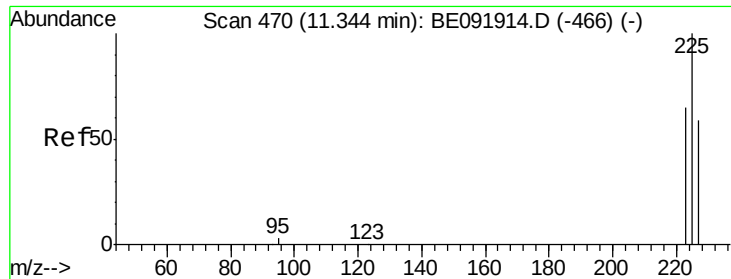
Ion Ratio Lower Upper

128 100

129 15.3 10.4 15.6

127 14.0 10.2 15.2

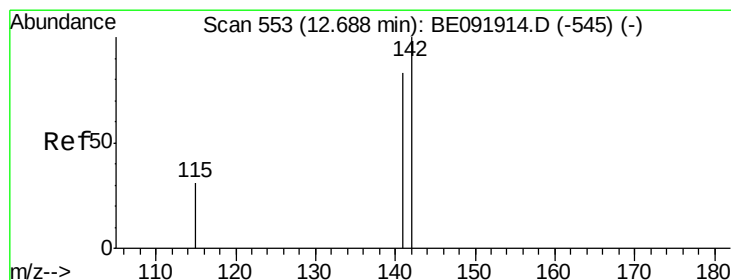
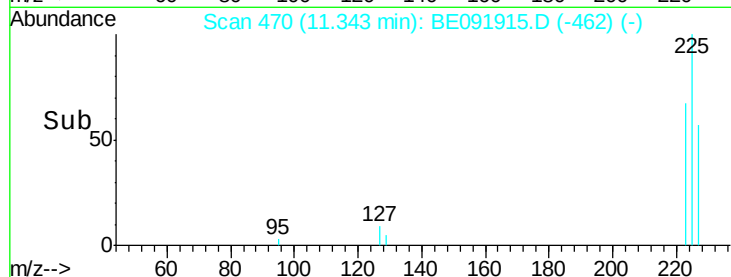
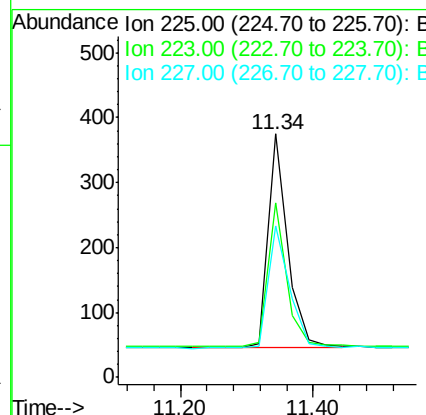
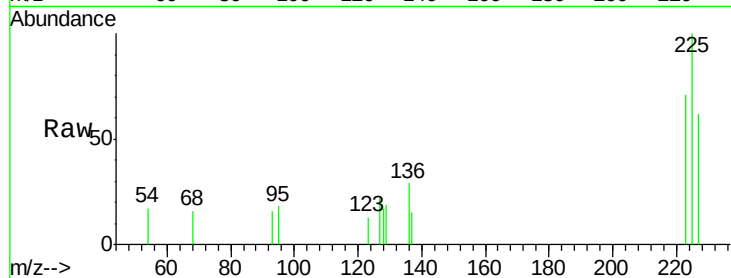




#13
Hexachlorobutadiene
Concen: 0.20 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

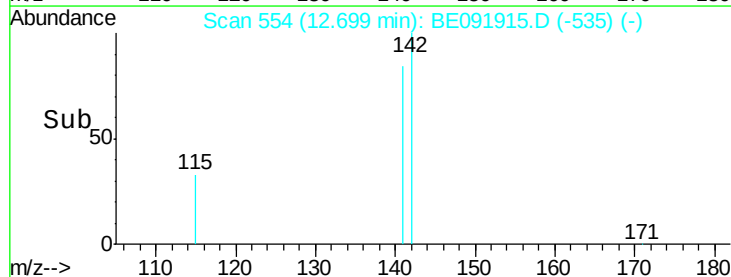
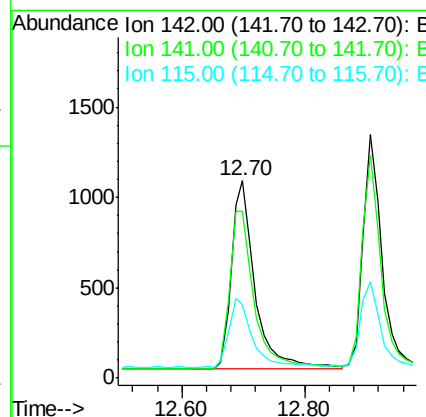
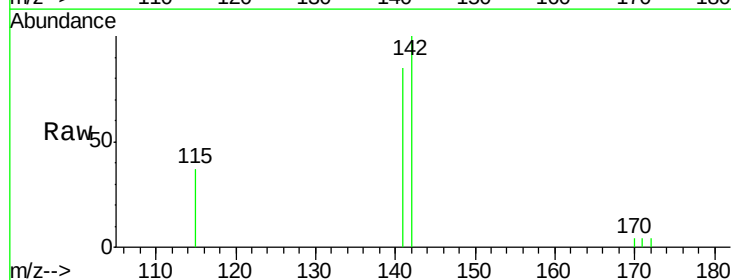
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

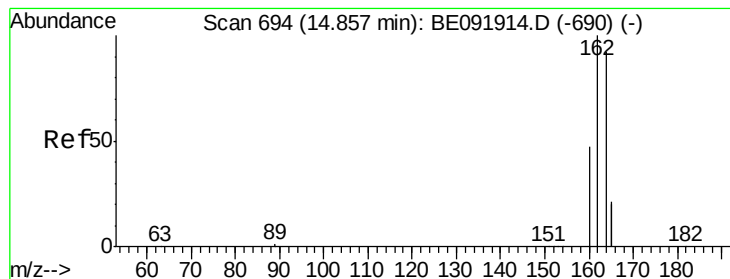
Tot Ion:225 Resp: 669
Ion Ratio Lower Upper
225 100
223 64.3 49.8 74.8
227 61.6 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.70 min Scan# 554
Delta R.T. 0.02 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

Tgt Ion:142 Resp: 2777
Ion Ratio Lower Upper
142 100
141 84.5 71.9 107.9
115 37.1 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: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

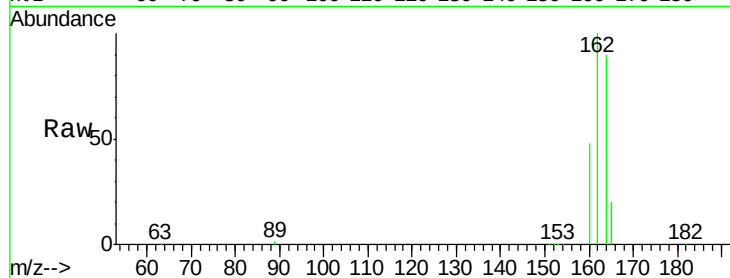
Tot Ion:164 Resp: 74554

Ion Ratio Lower Upper

164 100

162 111.1 71.8 107.8#

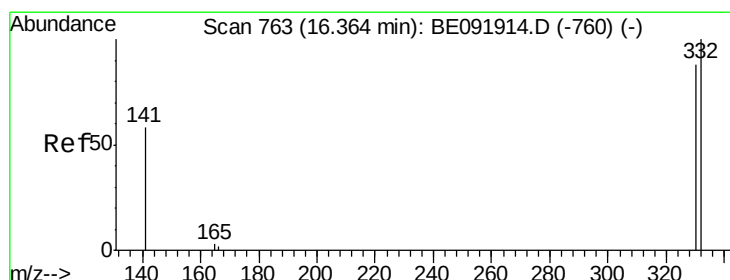
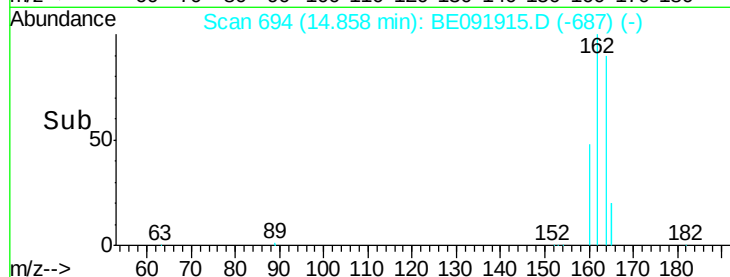
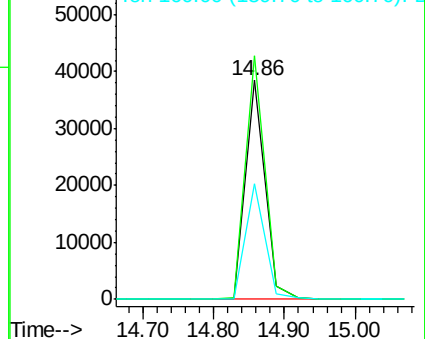
160 52.9 28.0 42.0#



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: 0.10 ng

RT: 16.36 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

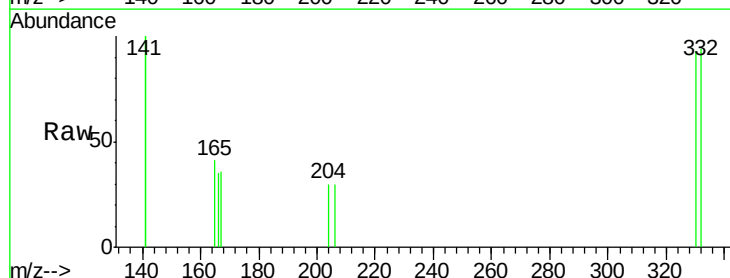
Tgt Ion:330 Resp: 220

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

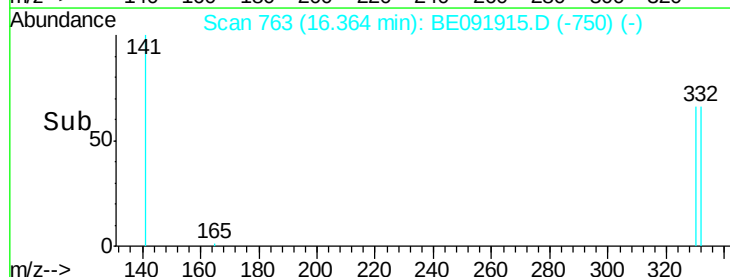
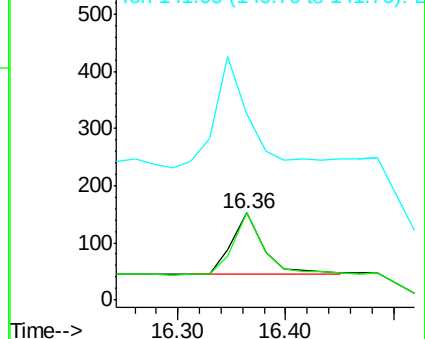
141 195.5 138.4 207.6

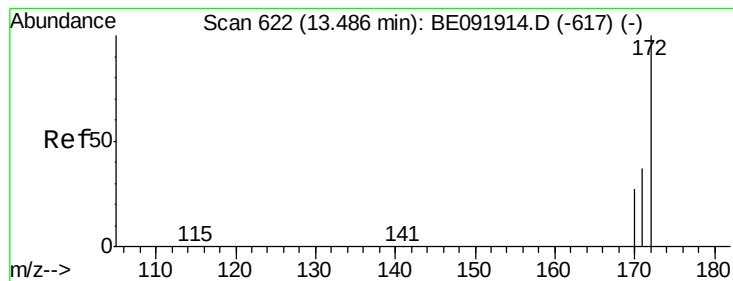


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

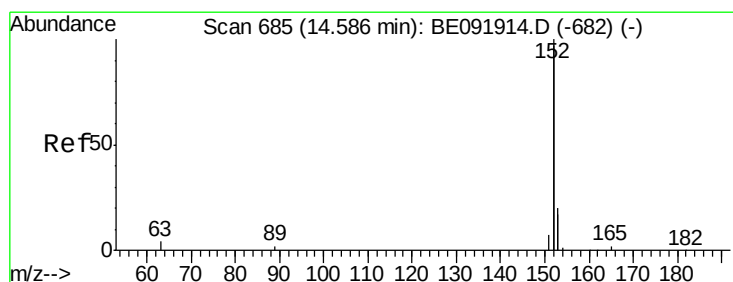
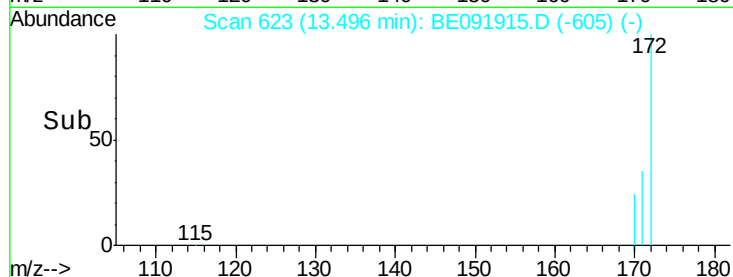
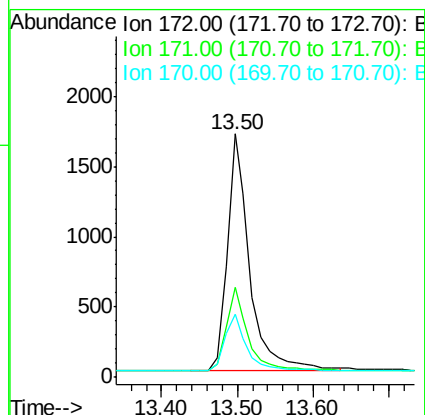
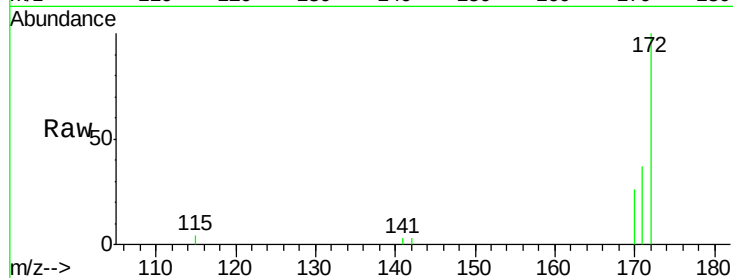




#17
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 13.50 min Scan# 623
Delta R.T. 0.01 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

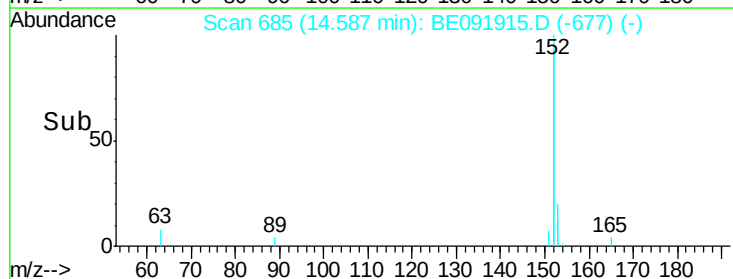
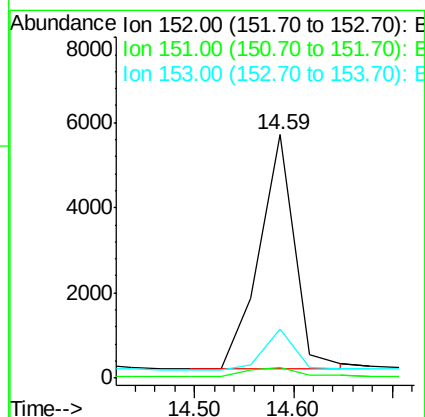
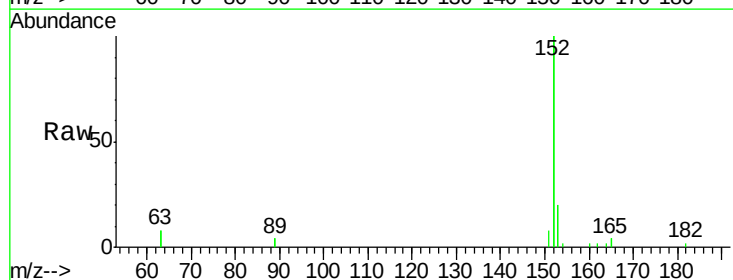
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

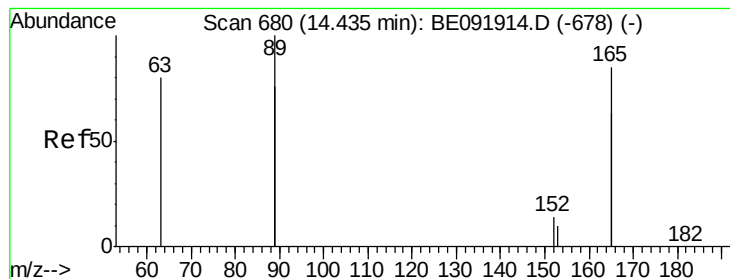
Tot Ion:172 Resp: 3511
Ion Ratio Lower Upper
172 100
171 36.7 24.3 36.5#
170 25.9 14.9 22.3#



#18
Acenaphthylene
Concen: 0.41 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

Tgt Ion:152 Resp: 13814
Ion Ratio Lower Upper
152 100
151 4.5 19.4 29.2#
153 14.9 14.4 21.6





#19

2,6-Dinitrotoluene

Concen: 0.38 ng

RT: 14.47 min Scan# 681

Delta R.T. 0.03 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

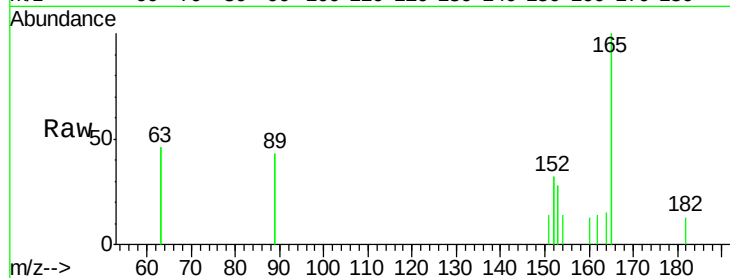
Tot Ion:165 Resp: 1375

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

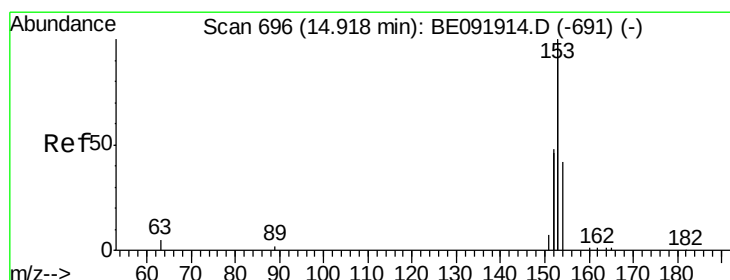
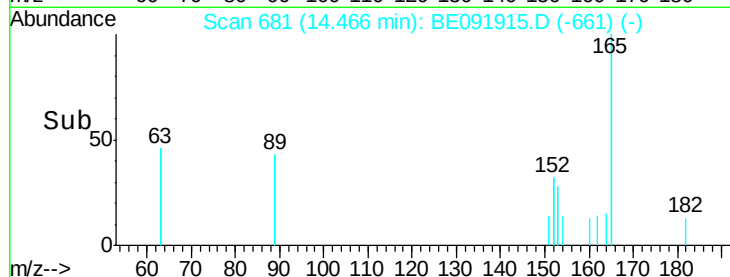
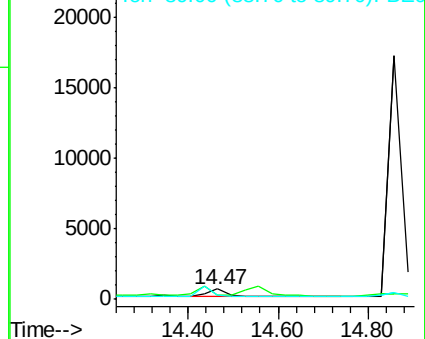
89 0.0 59.1 88.7#



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: 0.19 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

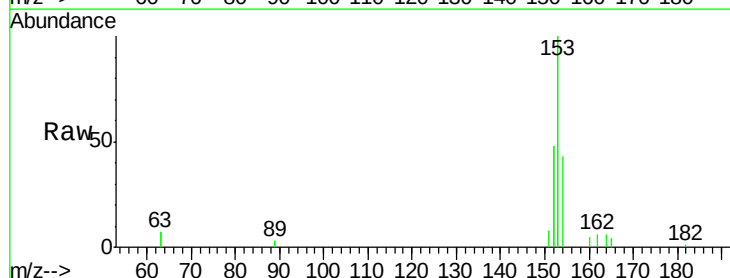
Tgt Ion:154 Resp: 3933

Ion Ratio Lower Upper

154 100

153 429.8 88.1 132.1#

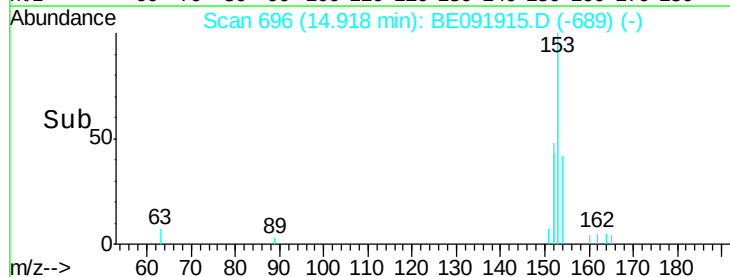
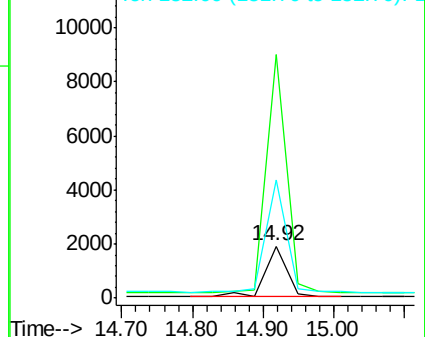
152 204.0 44.2 66.2#

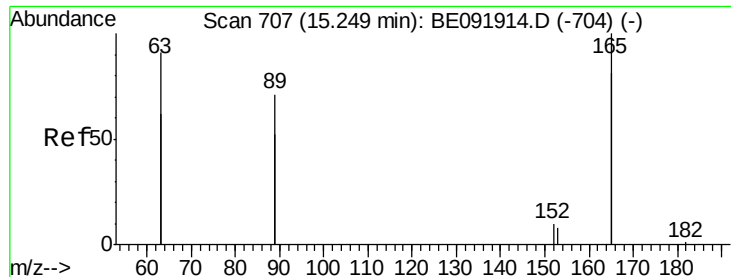


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

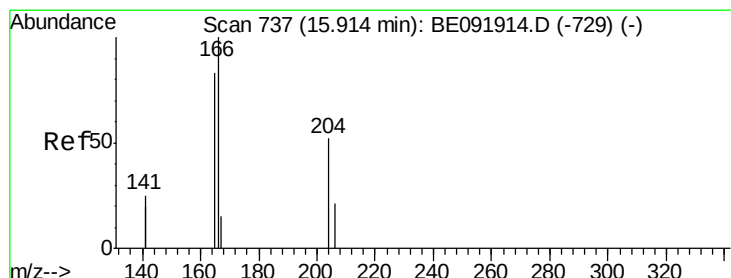
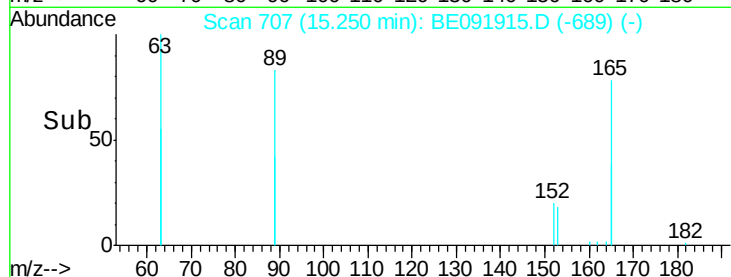
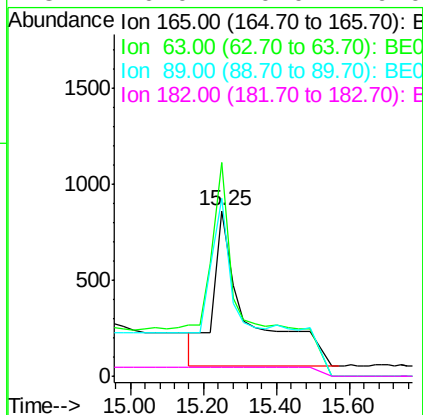
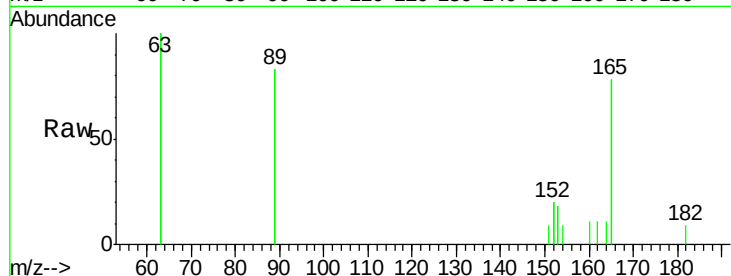




#21
2,4-Dinitrotoluene
Concen: 1.28 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

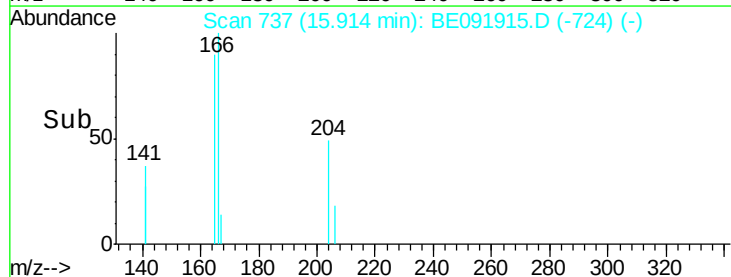
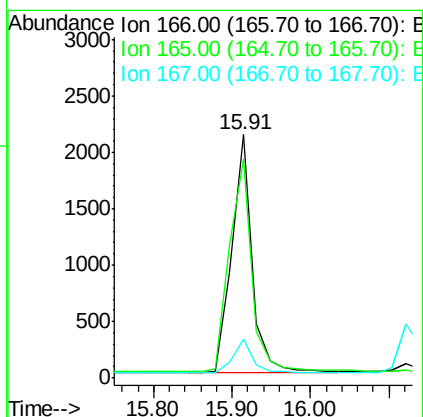
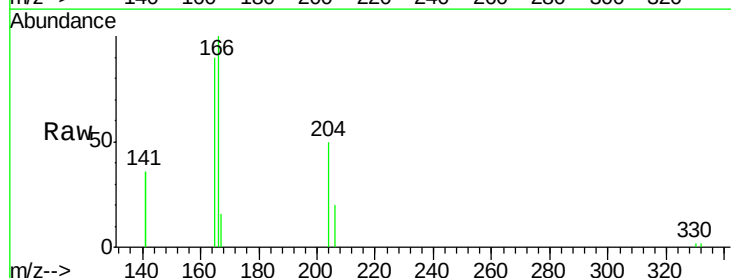
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

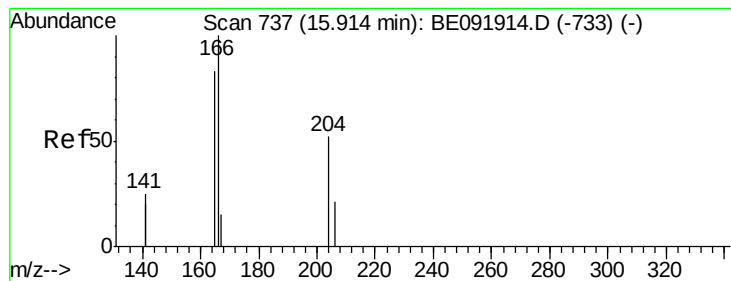
Tot Ion:165 Resp: 5436
Ion Ratio Lower Upper
165 100
63 154.9 0.0 0.0#
89 43.1 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.15 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

Tgt Ion:166 Resp: 3775
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.3 10.8 16.2





#23

4-Chlorophenyl-phenylether

Concen: 0.15 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

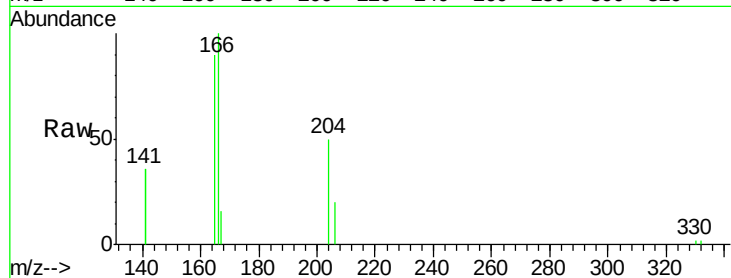
Tot Ion:204 Resp: 1896

Ion Ratio Lower Upper

204 100

206 34.5 27.8 41.6

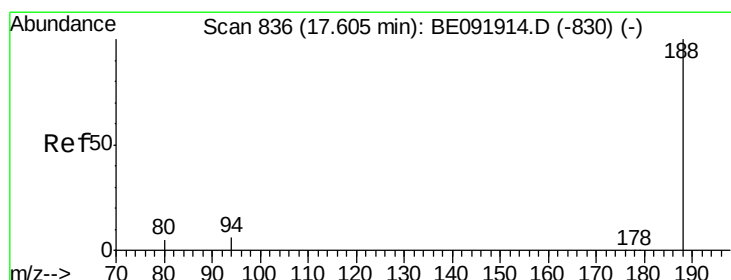
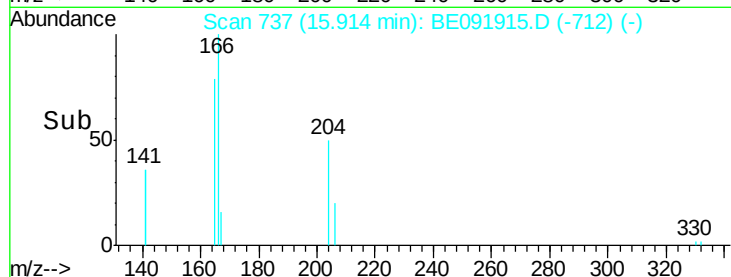
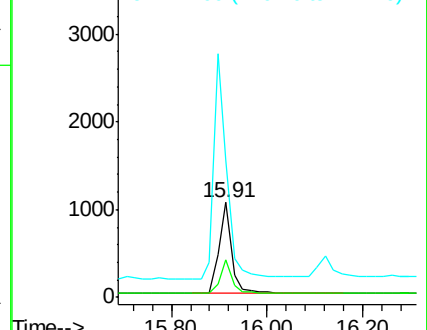
141 252.9 197.6 296.4



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: BE091915.D

Acq: 14 Jun 2016 17:02

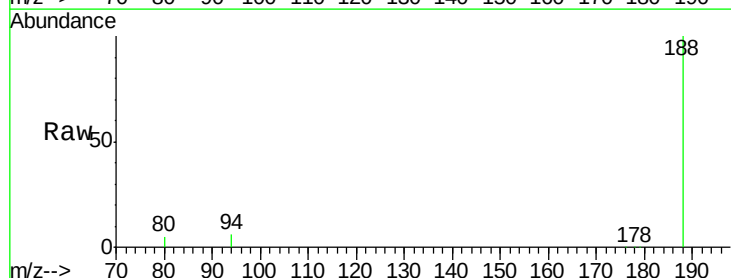
Tgt Ion:188 Resp: 173049

Ion Ratio Lower Upper

188 100

94 5.9 4.1 6.1

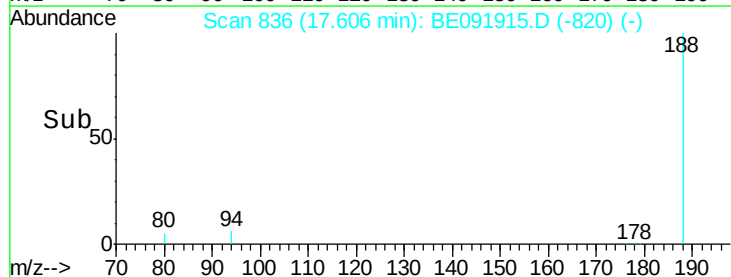
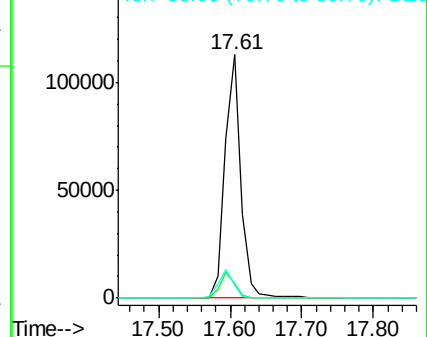
80 5.2 3.4 5.2#

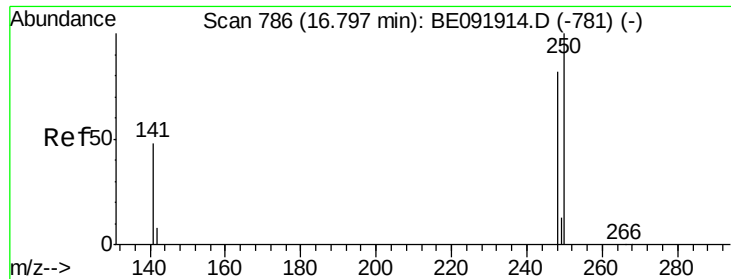


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

4-Bromophenyl-phenylether

Concen: 0.18 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

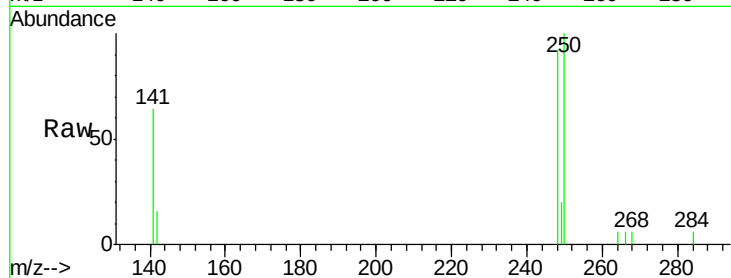
Tot Ion:248 Resp: 1129

Ion Ratio Lower Upper

248 100

250 101.7 75.7 113.5

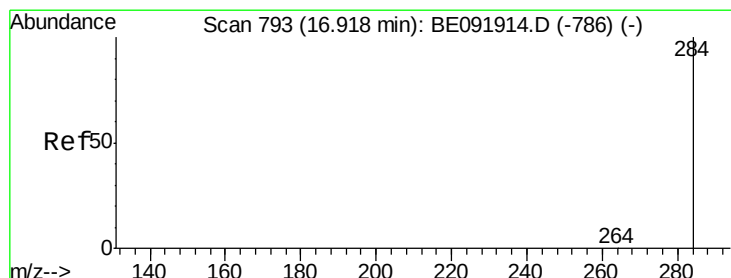
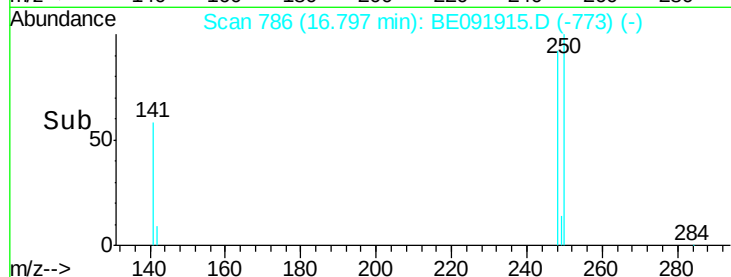
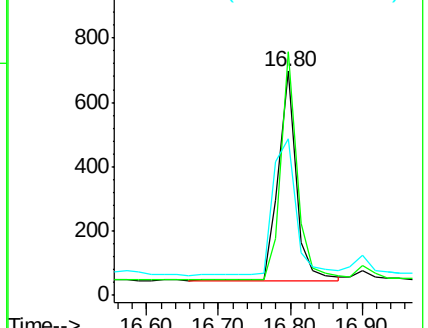
141 82.1 64.6 97.0



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: 0.19 ng

RT: 16.92 min Scan# 793

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

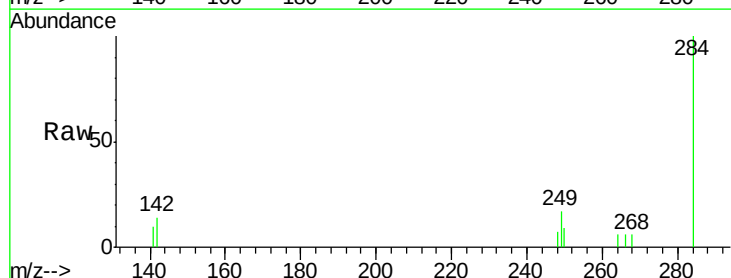
Tgt Ion:284 Resp: 1215

Ion Ratio Lower Upper

284 100

142 41.2 31.4 47.2

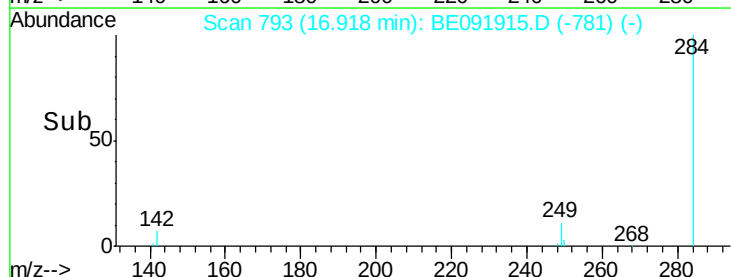
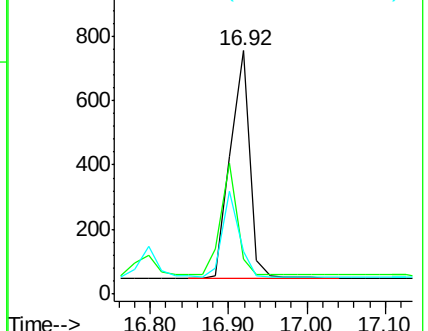
249 33.5 25.3 37.9

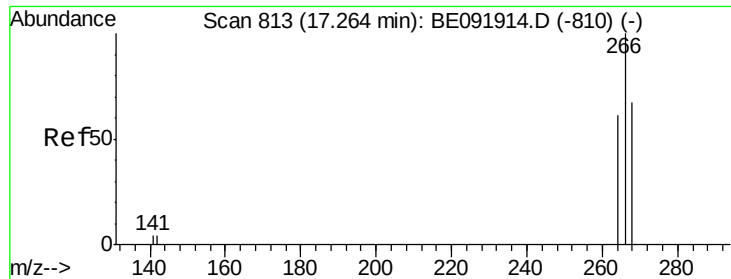


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.08 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

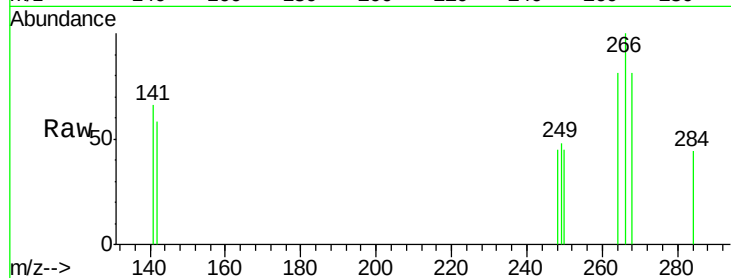
Tot Ion:266 Resp: 191

Ion Ratio Lower Upper

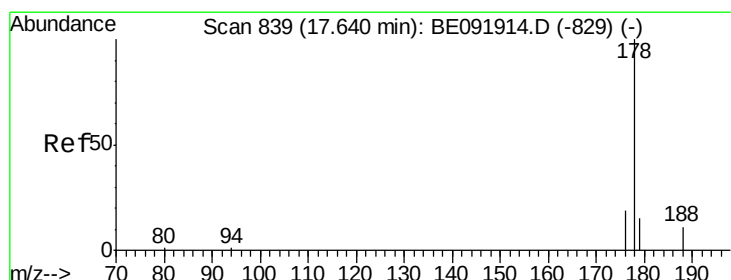
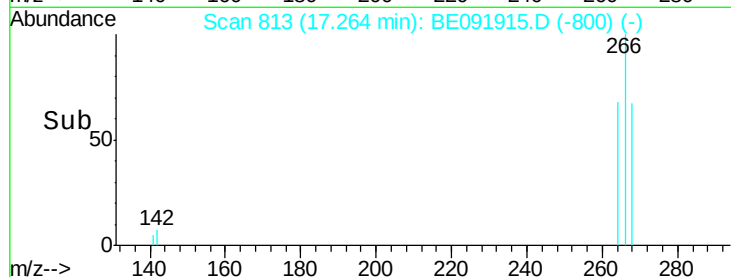
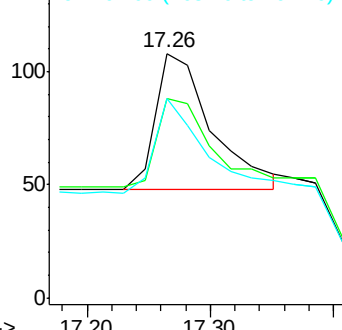
266 100

268 81.5 60.5 90.7

264 81.5 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: 0.20 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

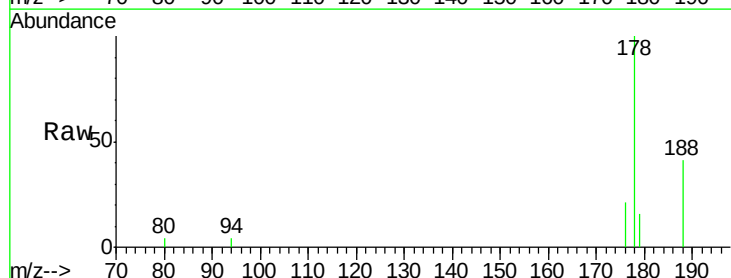
Tgt Ion:178 Resp: 7901

Ion Ratio Lower Upper

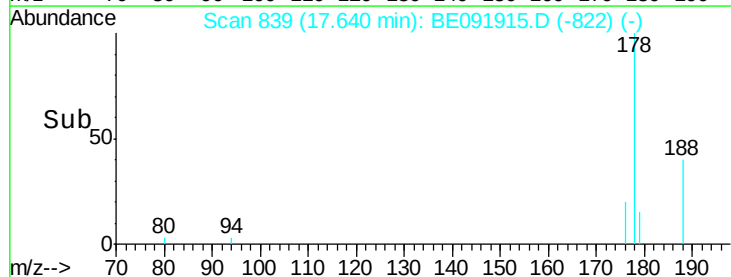
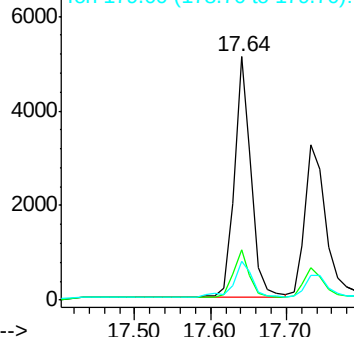
178 100

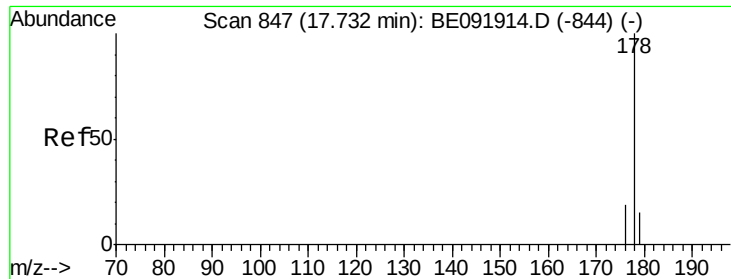
176 19.4 15.4 23.2

179 16.9 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: 0.18 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

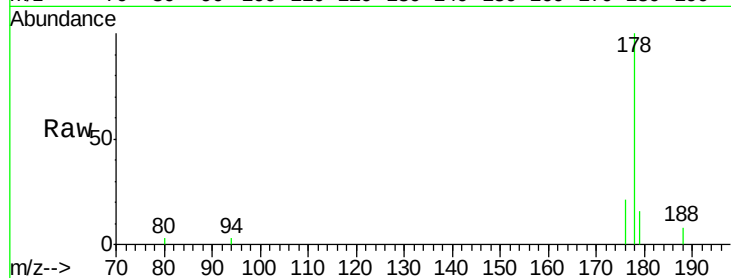
Tot Ion:178 Resp: 6287

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

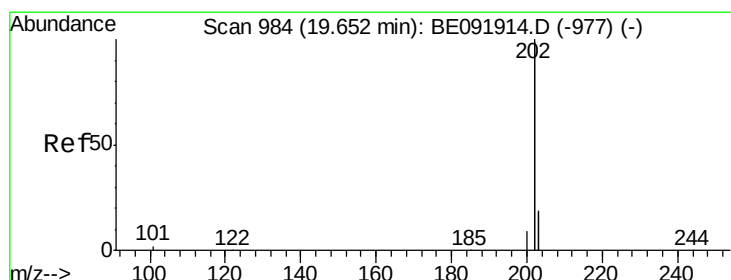
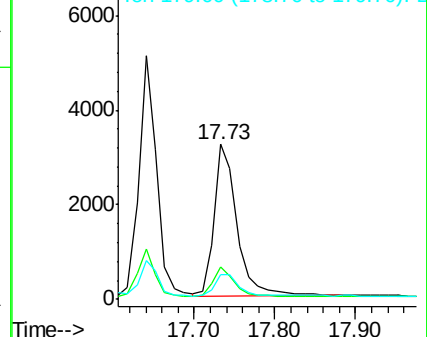
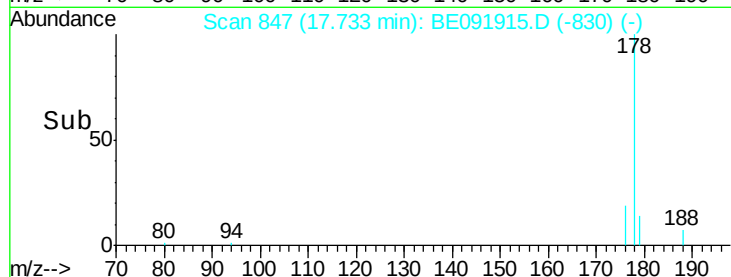
179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 0.73 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

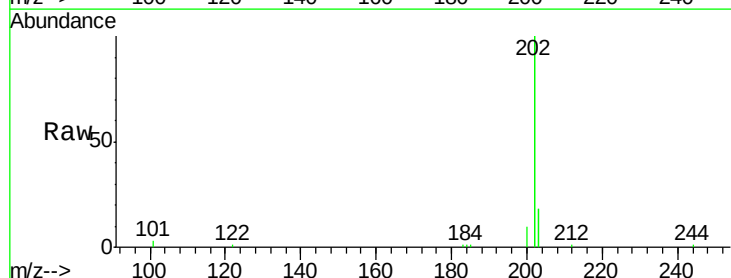
Tgt Ion:202 Resp: 31378

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

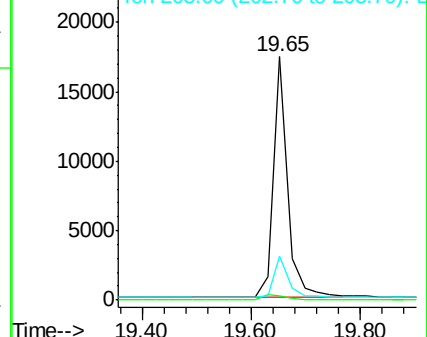
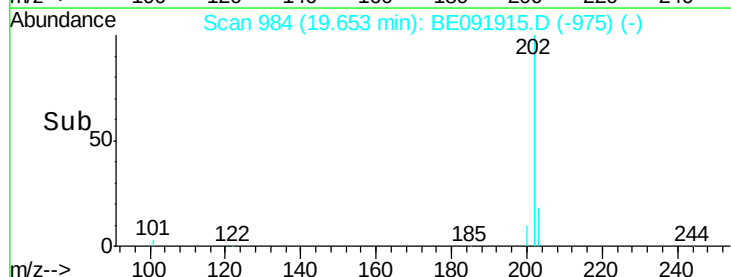
203 17.5 14.3 21.5

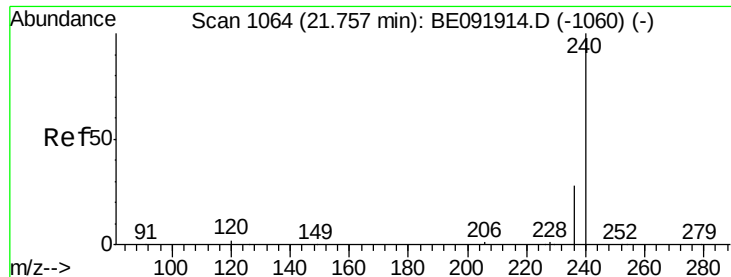


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

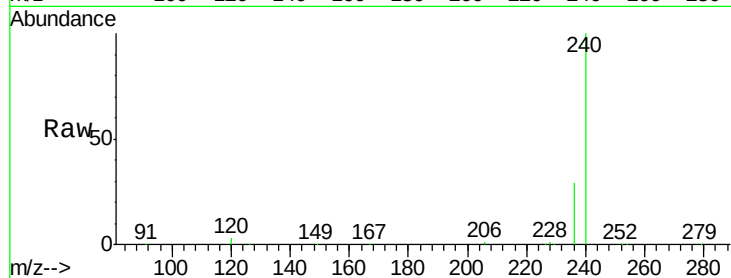




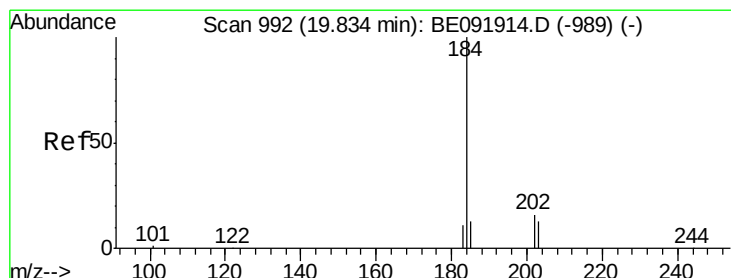
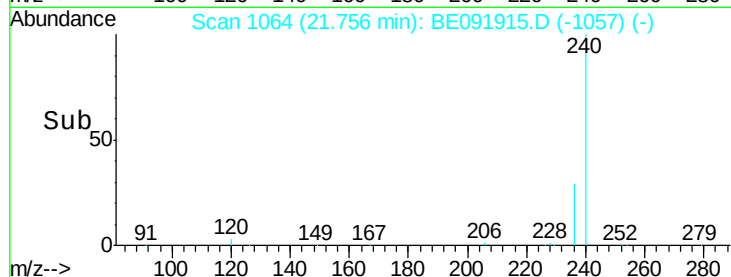
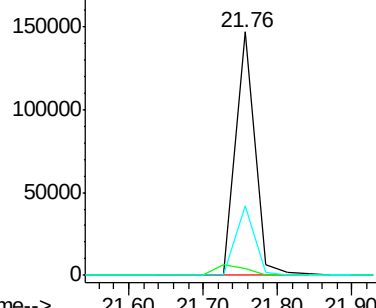
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:240 Resp: 267623
Ion Ratio Lower Upper
240 100
120 2.6 1.2 1.8#
236 28.8 19.8 29.8

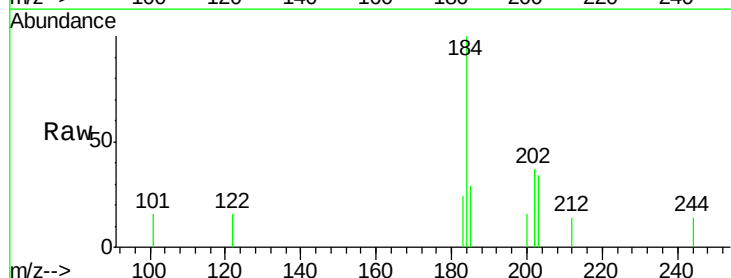


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

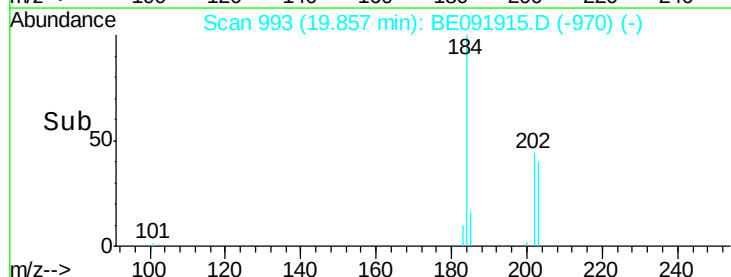
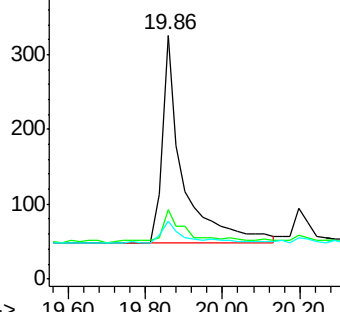


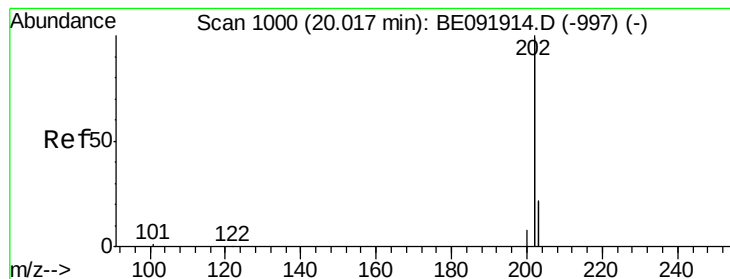
#32
Benzidine
Concen: 0.06 ng
RT: 19.86 min Scan# 993
Delta R.T. 0.02 min
Lab File: BE091915.D
Acq: 14 Jun 2016 17:02

Tgt Ion:184 Resp: 1037
Ion Ratio Lower Upper
184 100
185 28.5 11.4 17.2#
183 23.6 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

Pvrene

Concen: 0.47 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

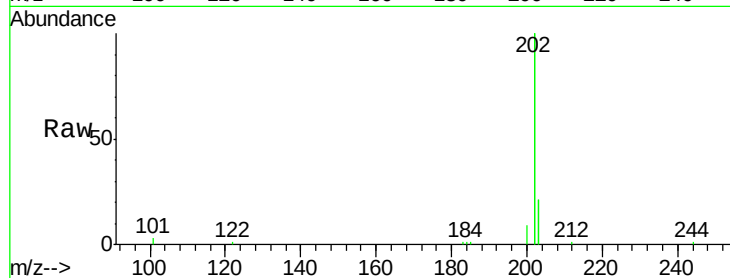
Tot Ion:202 Resp: 31967

Ion Ratio Lower Upper

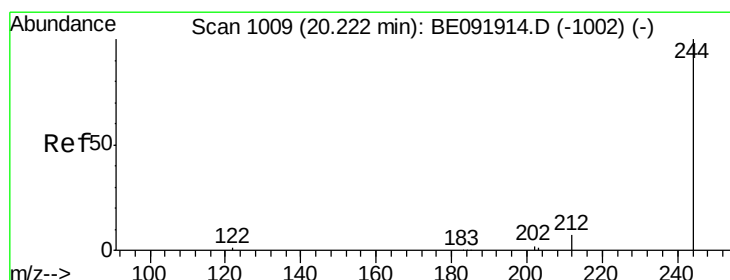
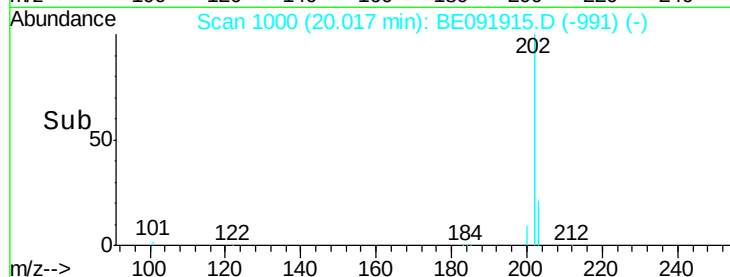
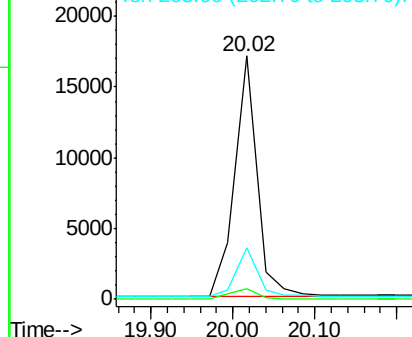
202 100

200 5.0 16.9 25.3#

203 19.0 14.1 21.1



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



#34

Terphenyl-d14

Concen: 0.12 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

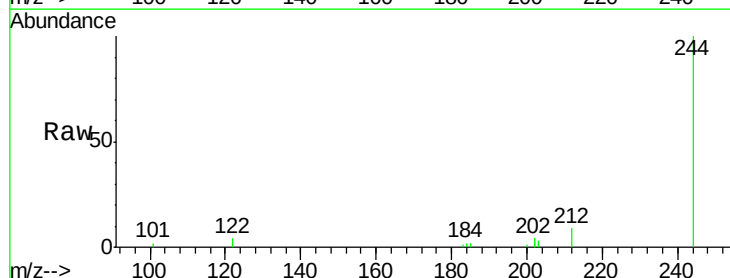
Tgt Ion:244 Resp: 5727

Ion Ratio Lower Upper

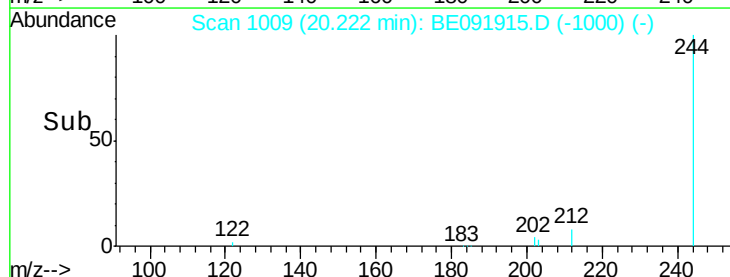
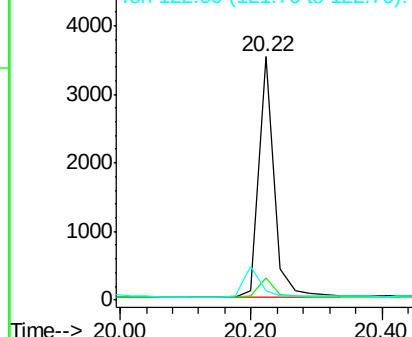
244 100

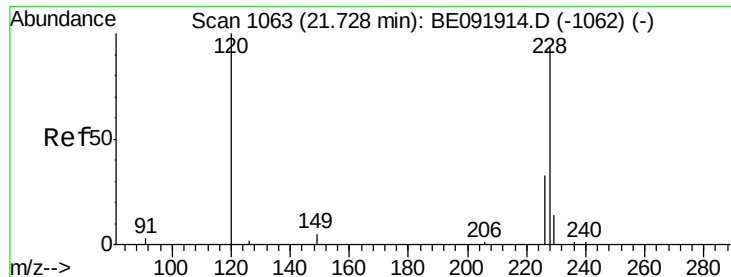
212 9.1 6.5 9.7

122 3.9 2.9 4.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

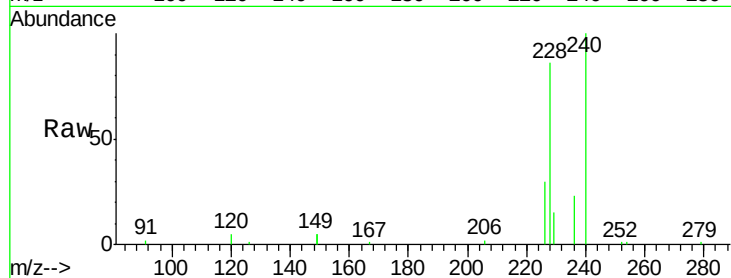
Tot Ion:228 Resp: 18438

Ion Ratio Lower Upper

228 100

226 34.6 21.0 31.4#

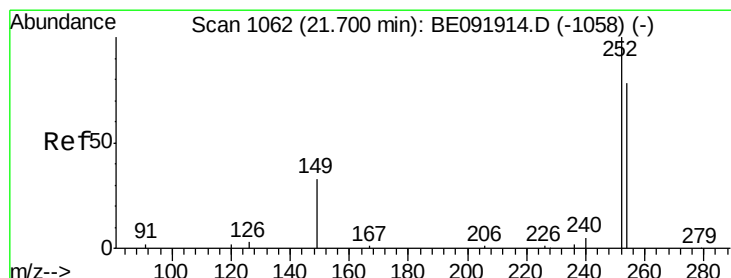
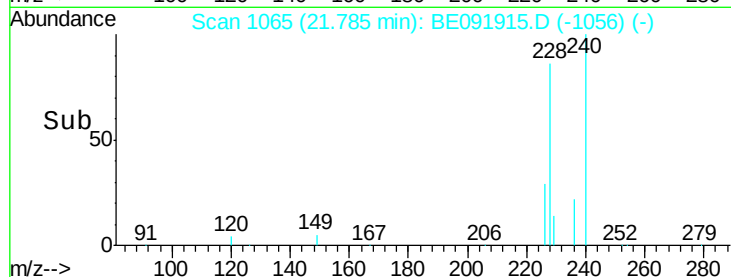
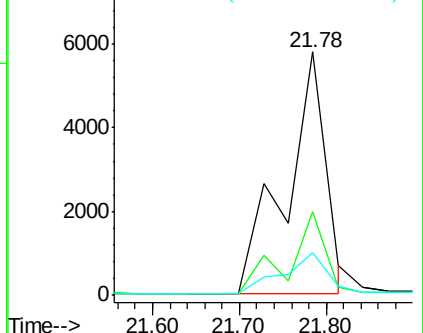
229 17.5 15.8 23.8



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: 0.07 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.03 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

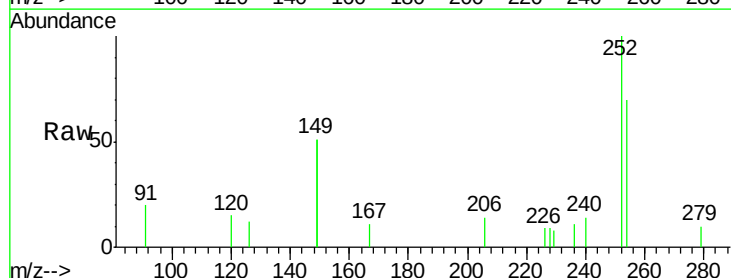
Tgt Ion:252 Resp: 1270

Ion Ratio Lower Upper

252 100

254 69.9 61.5 92.3

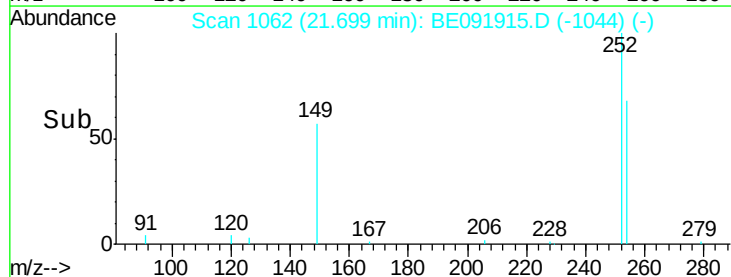
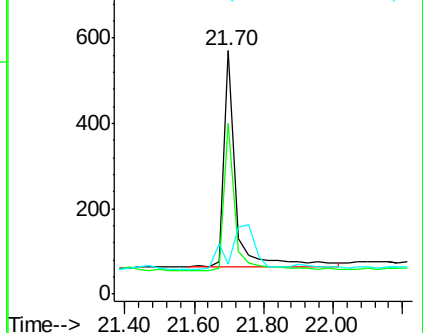
126 12.4 2.5 3.7#

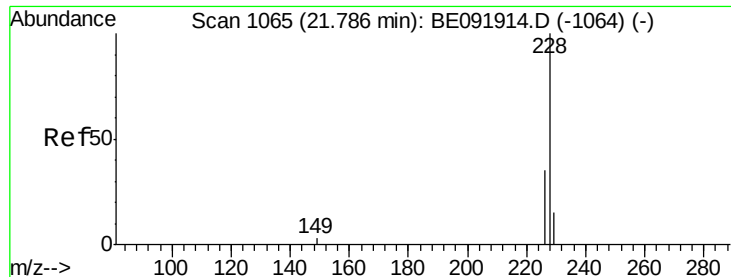


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.07 ng

RT: 21.78 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

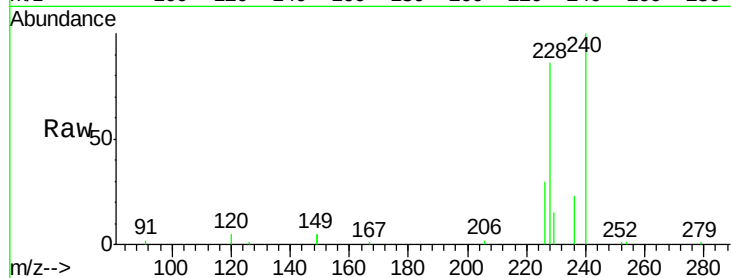
Tot Ion:228 Resp: 18775

Ion Ratio Lower Upper

228 100

226 34.6 27.0 40.6

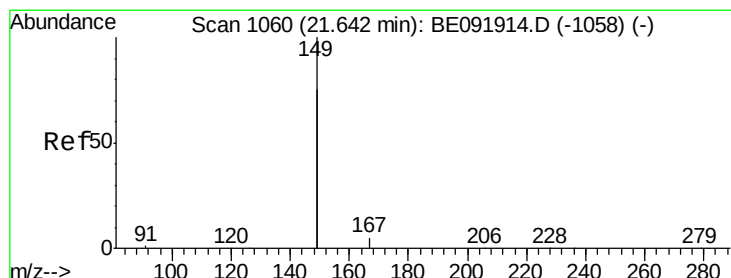
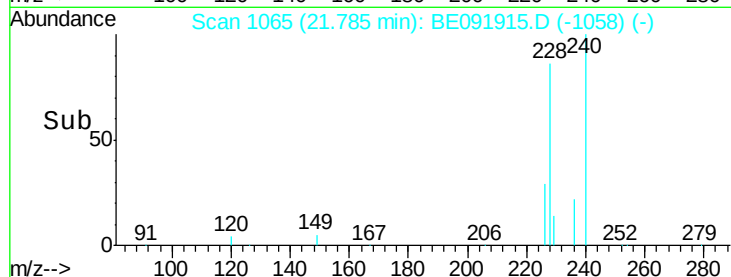
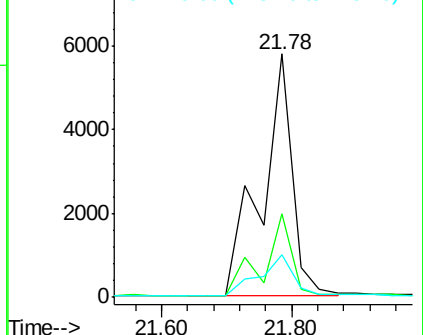
229 17.5 13.8 20.8



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: 0.13 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

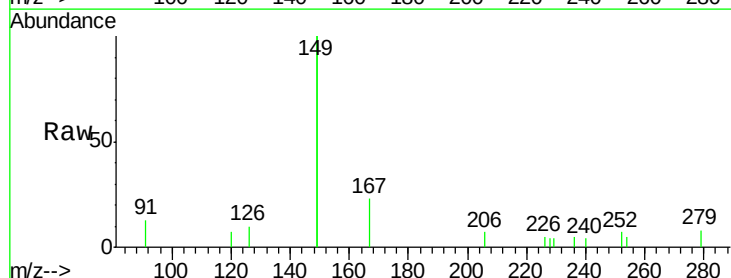
Tgt Ion:149 Resp: 4842

Ion Ratio Lower Upper

149 100

167 8.7 0.0 0.0#

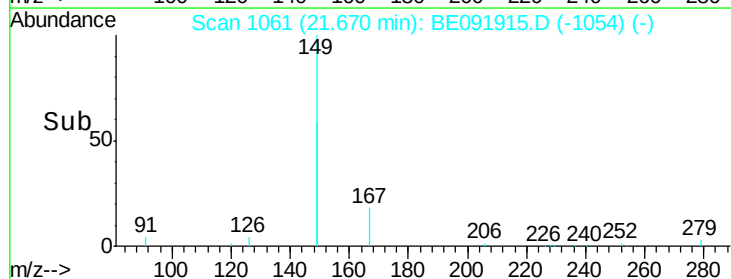
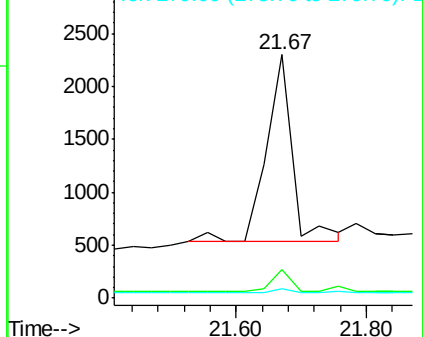
279 1.6 0.0 0.0#

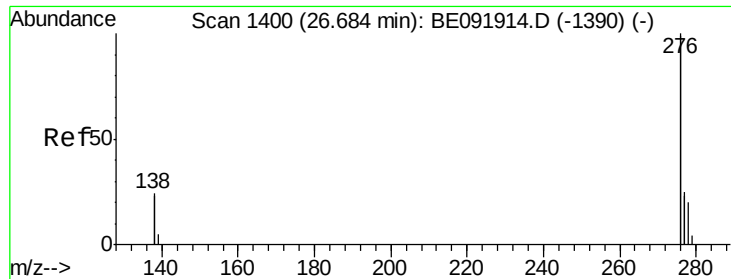


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

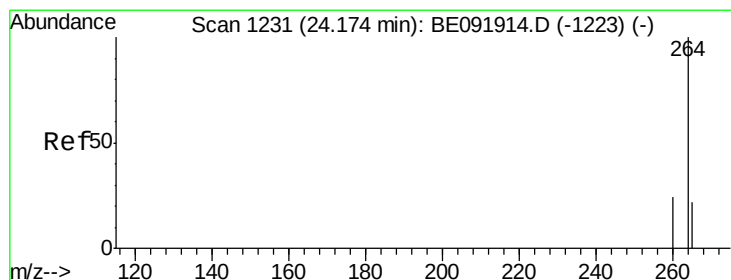
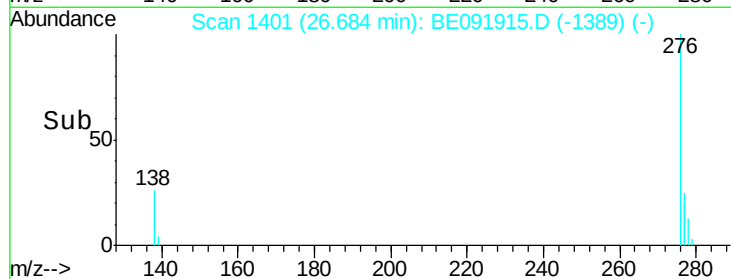
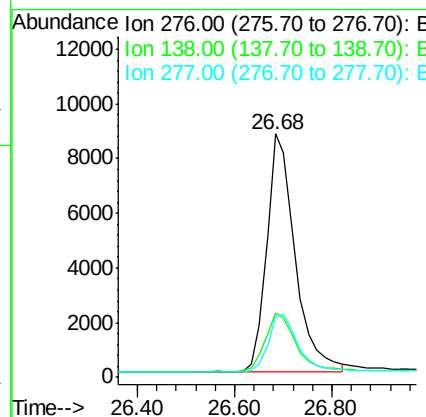
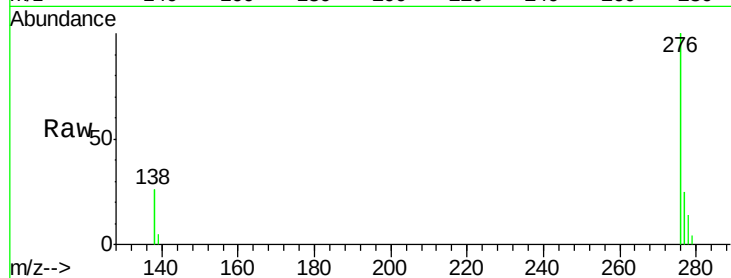




#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.44 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091915.D
 Acq: 14 Jun 2016 17:02

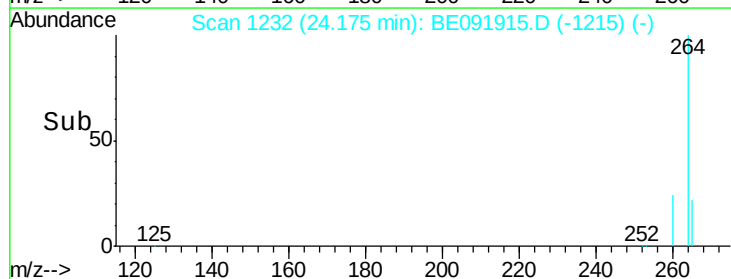
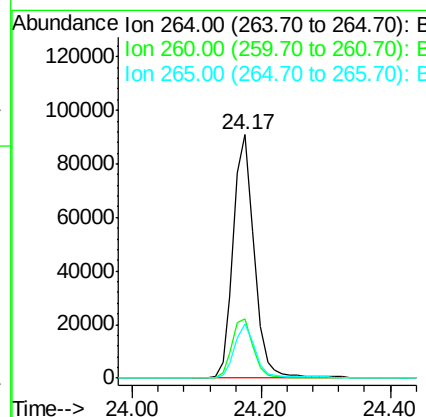
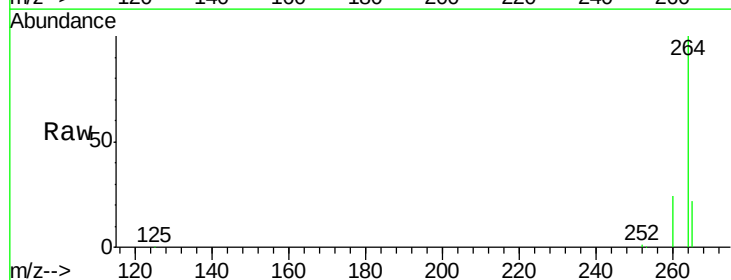
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

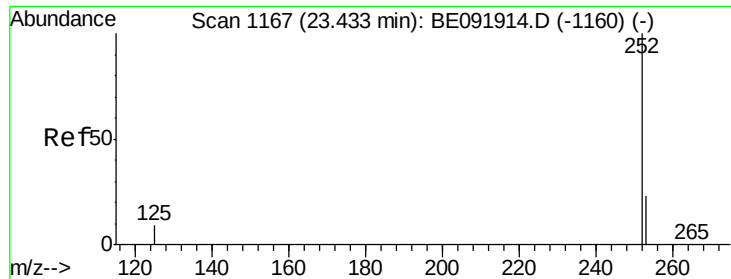
Tot Ion:276 Resp: 35878
 Ion Ratio Lower Upper
 276 100
 138 26.2 19.7 29.5
 277 24.9 20.1 30.1



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.17 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE091915.D
 Acq: 14 Jun 2016 17:02

Tgt Ion:264 Resp: 203753
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.3 30.5
 265 22.4 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.18 ng

RT: 23.43 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

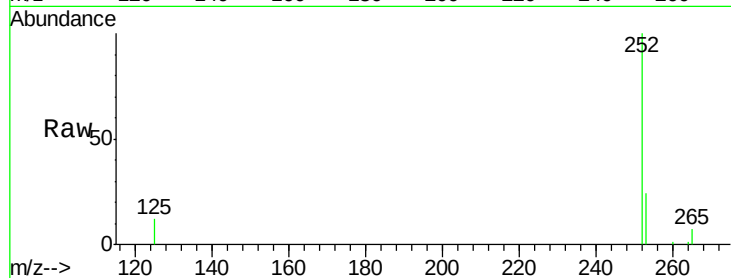
Tot Ion:252 Resp: 8844

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

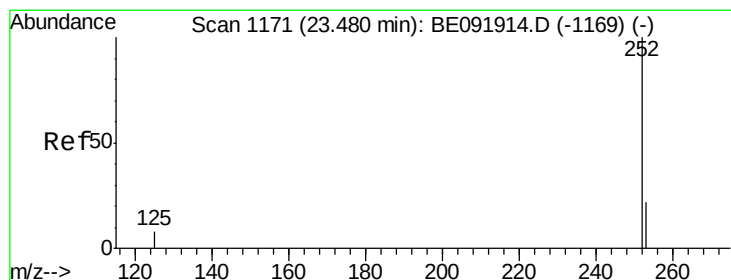
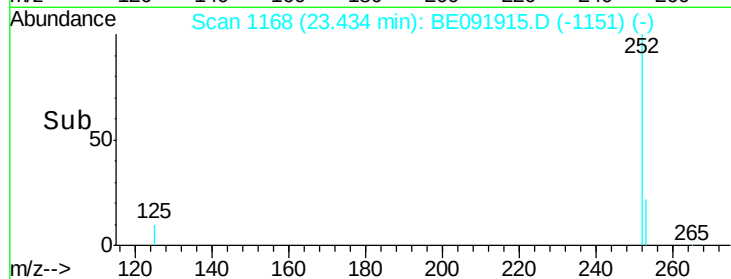
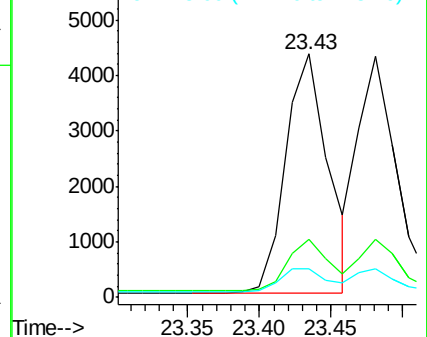
125 11.9 9.4 14.2



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: 0.16 ng

RT: 23.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

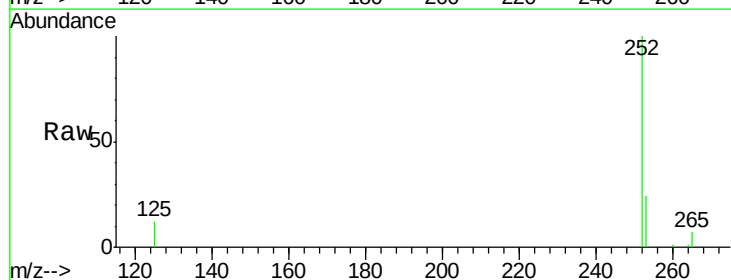
Tgt Ion:252 Resp: 8241

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

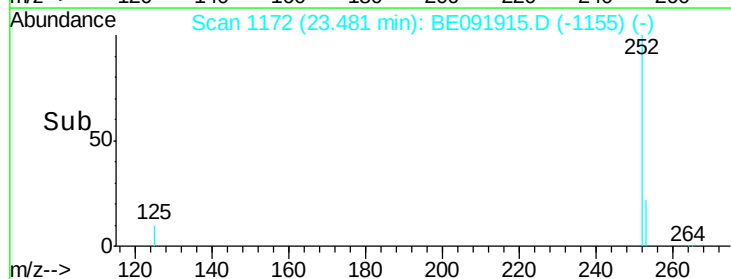
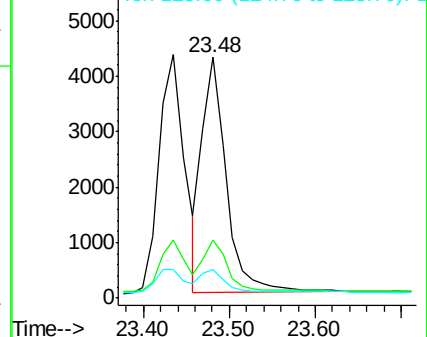
125 12.1 8.3 12.5

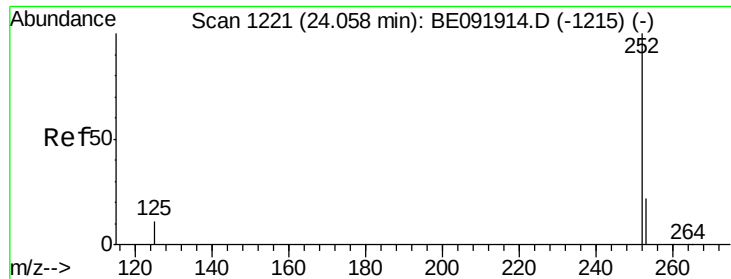


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.16 ng

RT: 24.06 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

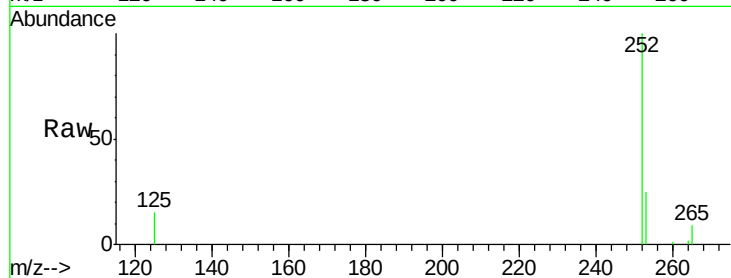
Tot Ion:252 Resp: 7431

Ion Ratio Lower Upper

252 100

253 25.1 18.9 28.3

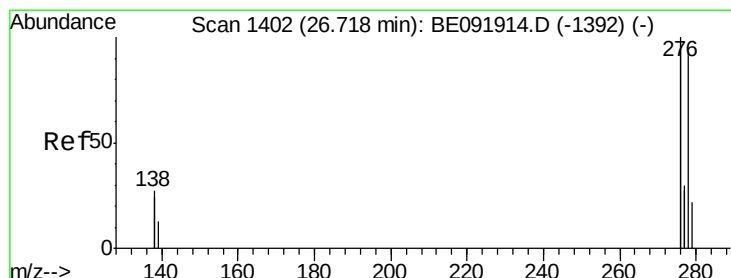
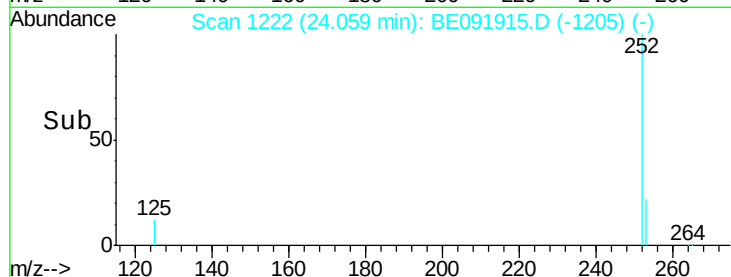
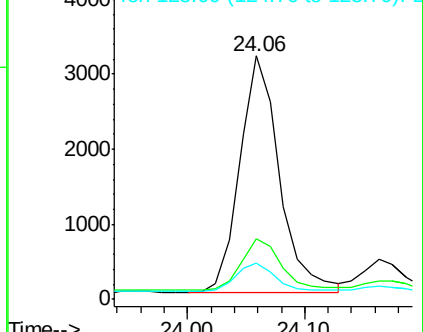
125 14.9 10.5 15.7



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: 0.17 ng

RT: 26.72 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

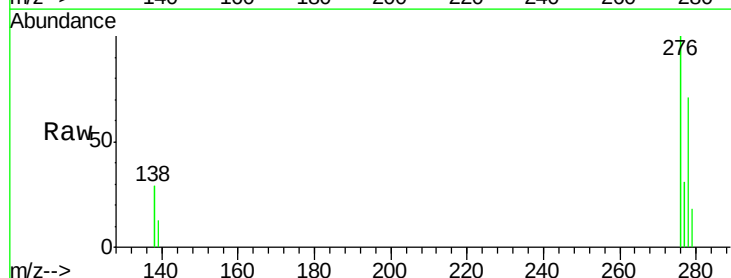
Tgt Ion:278 Resp: 7390

Ion Ratio Lower Upper

278 100

139 18.3 12.6 18.8

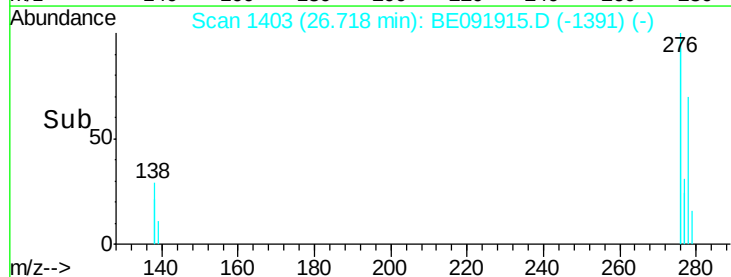
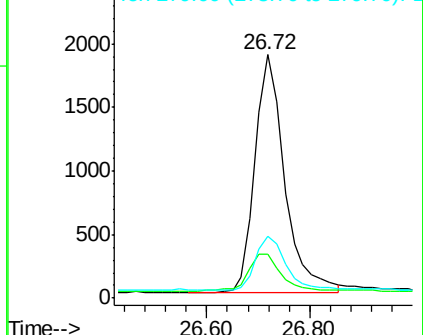
279 25.6 20.0 30.0

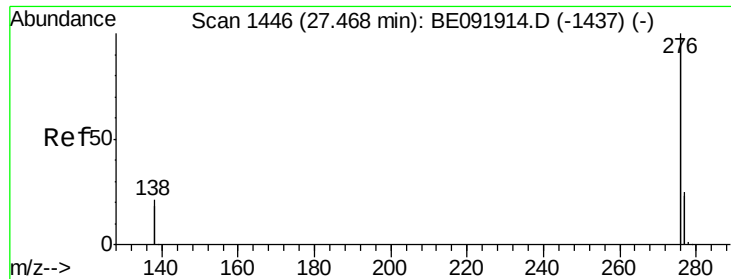


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(a,h,i)perylene

Concen: 0.70 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091915.D

Acq: 14 Jun 2016 17:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

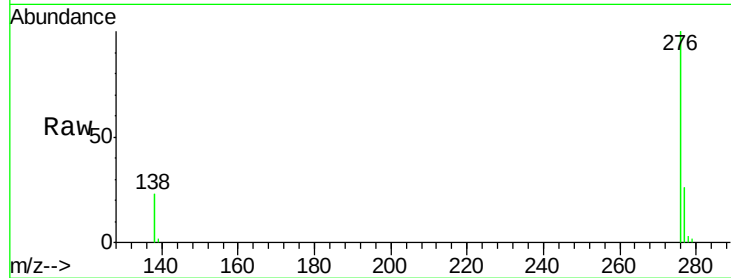
Tot Ion:276 Resp: 31740

Ion Ratio Lower Upper

276 100

277 25.7 19.5 29.3

138 22.8 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

