

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
 Data File : BE091942.D
 Acq On : 24 Jun 2016 11:34
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 24 16:14:56 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	8.20	152	24903	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	112293	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	81076	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	167296	5.00	ng	0.00
31) Chrysene-d12	21.76	240	269343	5.00	ng	0.00
40) Perylene-d12	24.16	264	192720	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1917	0.39	ng	0.00
5) Phenol-d6	7.37	99	2357	0.43	ng	0.02
9) Nitrobenzene-d5	9.38	82	2810	0.36	ng	0.02
16) 2,4,6-Tribromophenol	16.35	330	538	0.33	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	8225	0.40	ng	0.00
34) Terphenyl-d14	20.22	244	11933	0.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1494	0.43	ng	95
3) n-Nitrosodimethylamine	3.82	42	1501	0.38	ng	# 83
6) bis(2-Chloroethyl)ether	7.61	93	2794	0.39	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	2196	0.44	ng	# 97
10) Nitrobenzene	9.42	77	2825	0.37	ng	# 99
11) bis(2-Chloroethoxy)methane	10.42	93	4135	0.42	ng	# 21
12) Naphthalene	11.04	128	10233	0.42	ng	95
13) Hexachlorobutadiene	11.34	225	1678	0.42	ng	99
14) 2-Methylnaphthalene	12.68	142	6664	0.40	ng	97
18) Acenaphthylene	14.56	152	31904	0.39	ng	# 61
19) 2,6-Dinitrotoluene	14.44	165	3578	0.44	ng	# 1
20) Acenaphthene	14.92	154	9008	0.40	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	3372m	0.33	ng	
22) Fluorene	15.90	166	8796	0.39	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	4461	0.40	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	2695	0.42	ng	95
26) Hexachlorobenzene	16.90	284	2744	0.41	ng	96
27) Pentachlorophenol	17.26	266	552	0.38	ng	97
28) Phenanthrene	17.64	178	17654	0.42	ng	100
29) Anthracene	17.73	178	14791	0.40	ng	100
30) Fluoranthene	19.65	202	71505	0.40	ng	# 87
32) Benzidine	19.83	184	3409	0.42	ng	# 94
33) Pyrene	20.02	202	68149	0.37	ng	# 80
35) Benzo(a)anthracene	21.73	228	18053m	0.43	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	2170	0.32	ng	# 98
37) Chrysene	21.78	228	27640m	0.45	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	11897	0.44	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	78161	0.37	ng	98
41) Benzo(b)fluoranthene	23.42	252	18380	0.37	ng	99
42) Benzo(k)fluoranthene	23.48	252	19757	0.44	ng	100
43) Benzo(a)pyrene	24.06	252	16537	0.38	ng	98
44) Dibenzo(a,h)anthracene	26.70	278	16020	0.38	ng	# 95
45) Benzo(a,h,i)perylene	27.47	276	69614	0.40	ng	99

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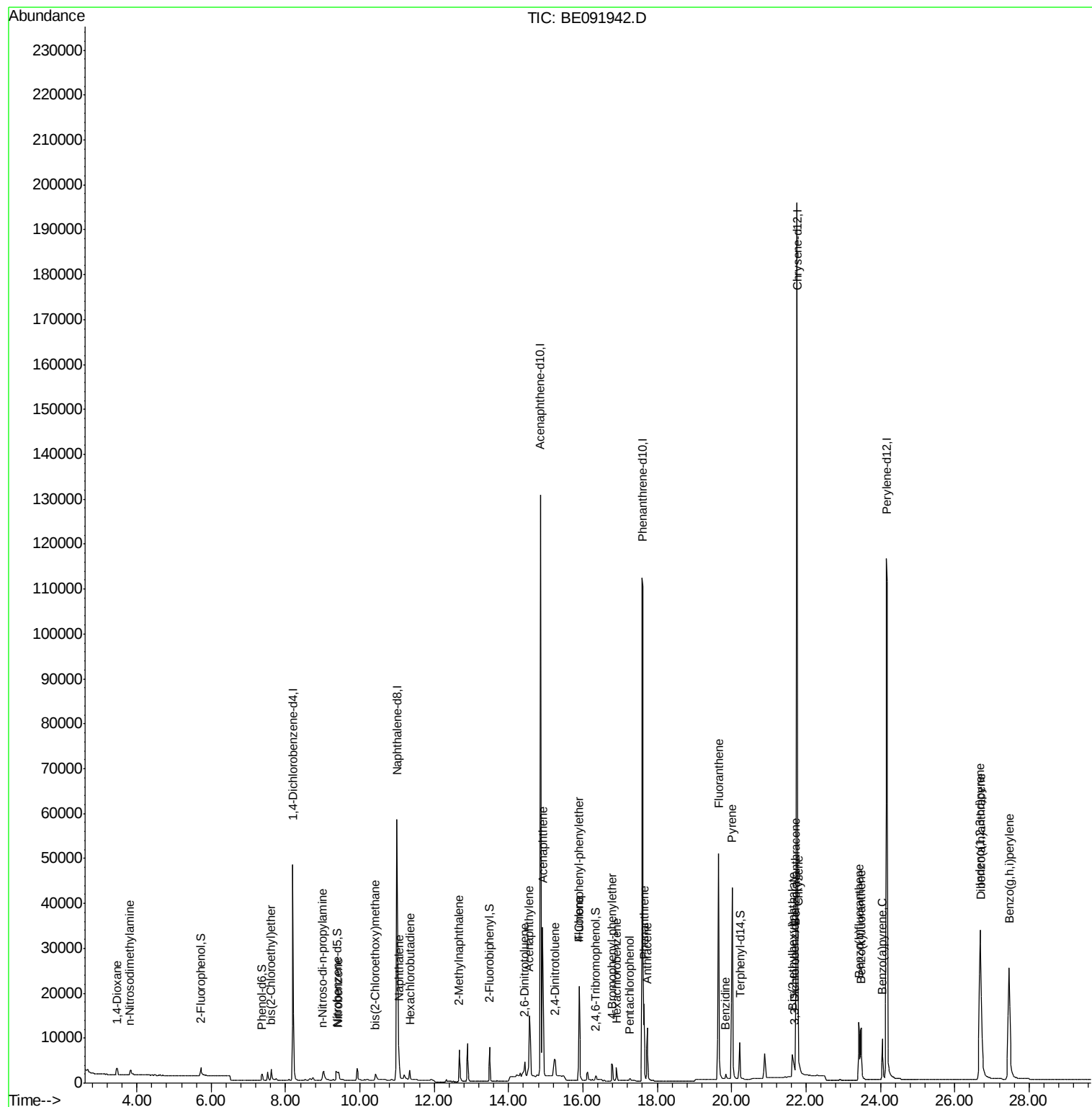
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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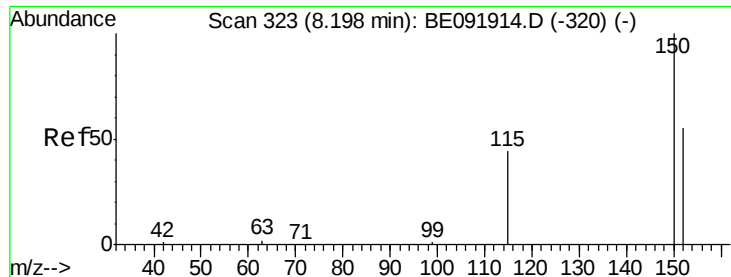
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

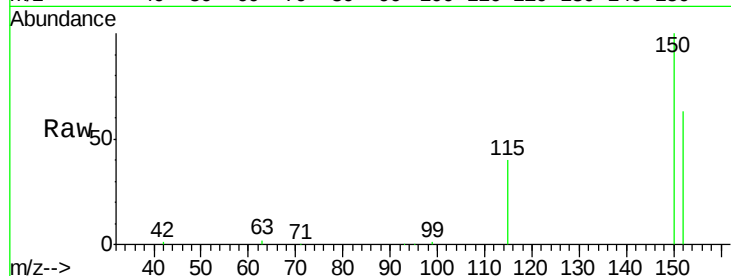
Tot Ion:152 Resp: 24903

Ion Ratio Lower Upper

152 100

150 159.5 123.9 185.9

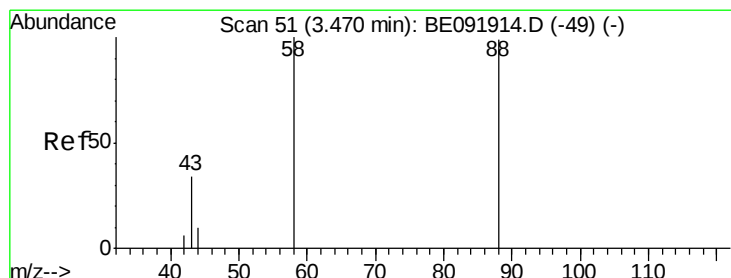
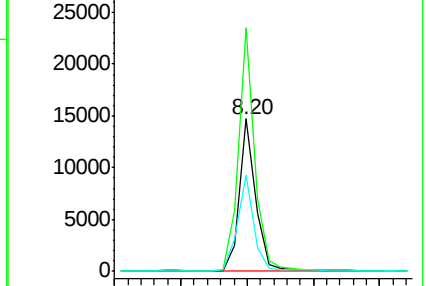
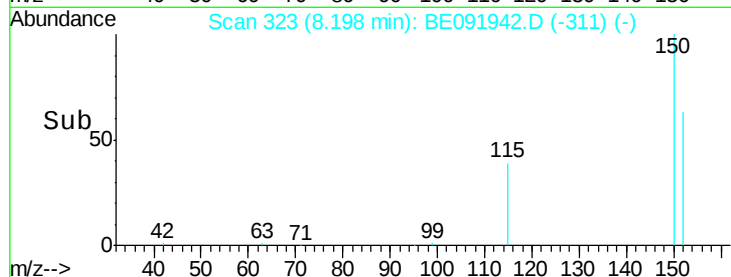
115 63.0 48.3 72.5



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: 0.43 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

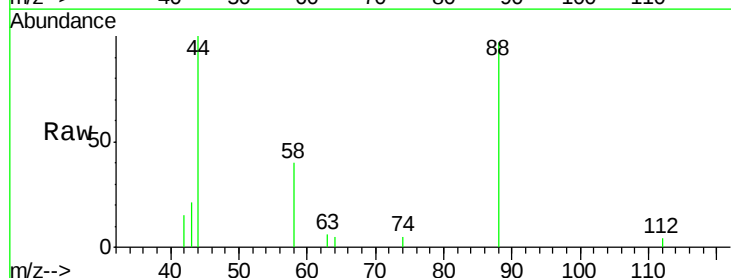
Tgt Ion: 88 Resp: 1494

Ion Ratio Lower Upper

88 100

58 83.7 63.0 94.4

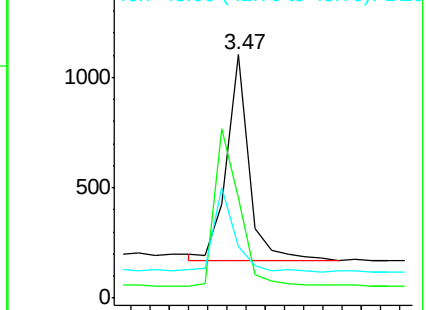
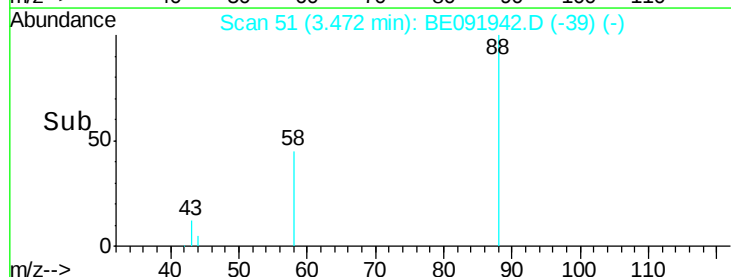
43 39.4 29.1 43.7

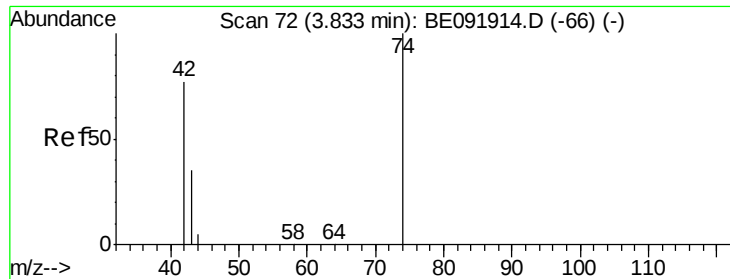


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.82 min Scan# 71

Delta R.T. 0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

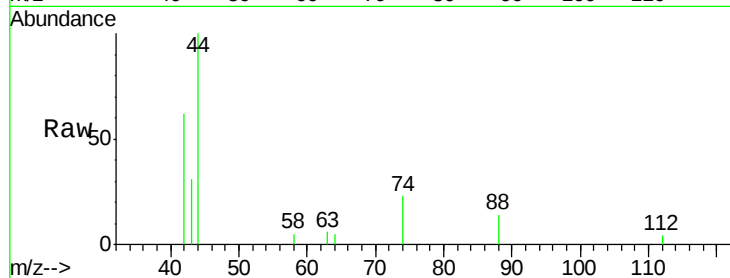
Tot Ion: 42 Resp: 1501

Ion Ratio Lower Upper

42 100

74 99.1 93.4 140.0

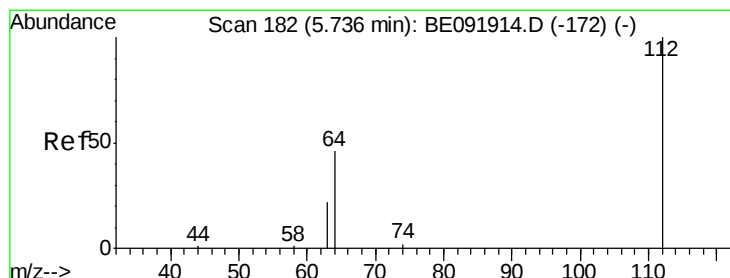
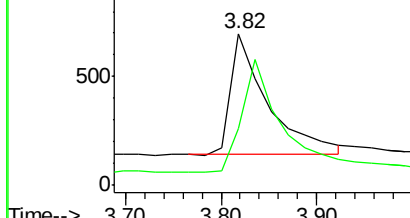
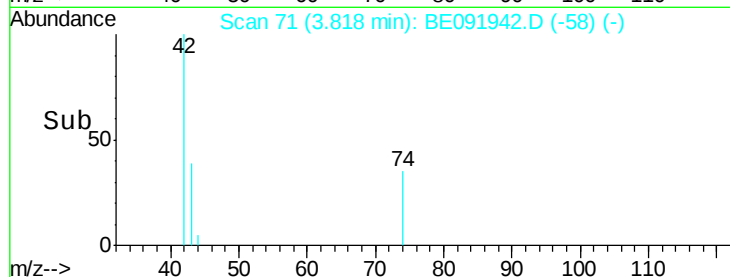
44 14.7 5.0 7.6#



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: 0.39 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

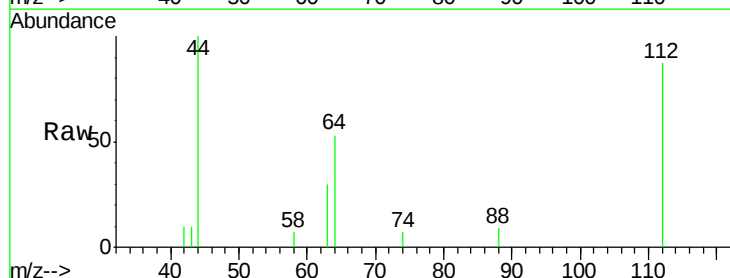
Tgt Ion: 112 Resp: 1917

Ion Ratio Lower Upper

112 100

64 65.7 53.7 80.5

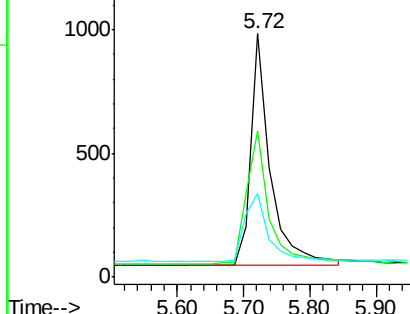
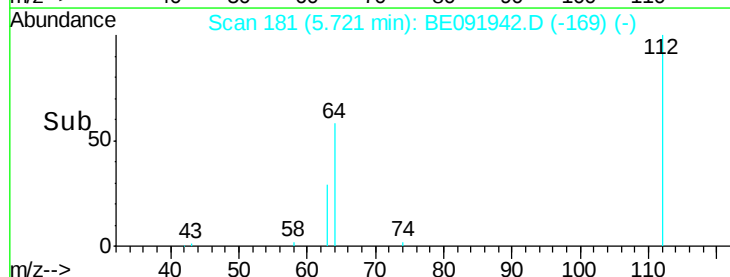
63 36.1 29.5 44.3

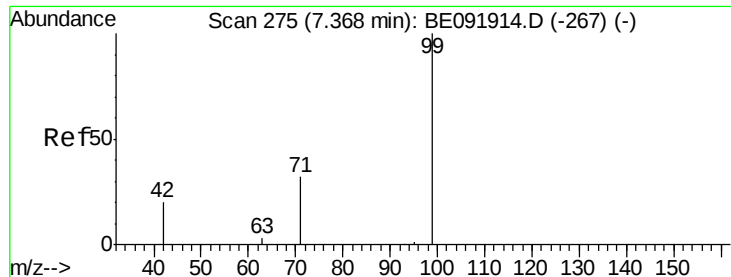


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.43 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

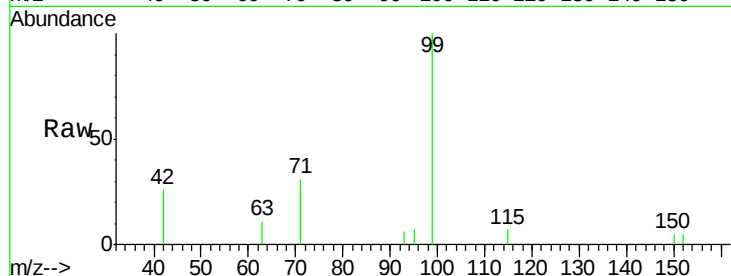
Tot Ion: 99 Resp: 2357

Ion Ratio Lower Upper

99 100

42 27.0 19.6 29.4

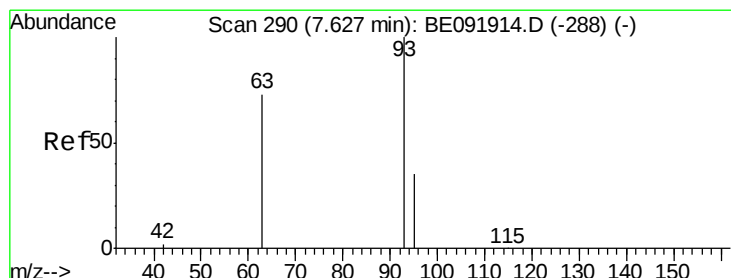
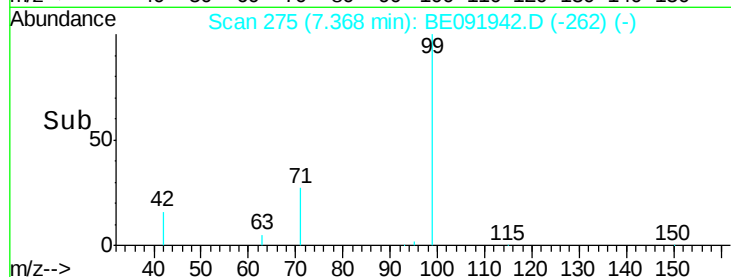
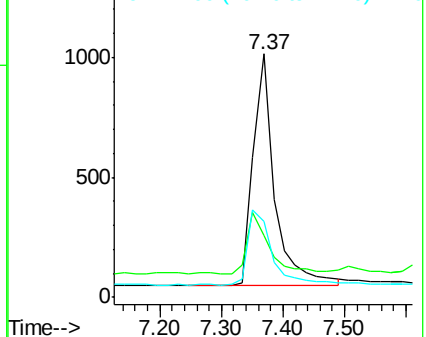
71 36.8 28.1 42.1



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: 0.39 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

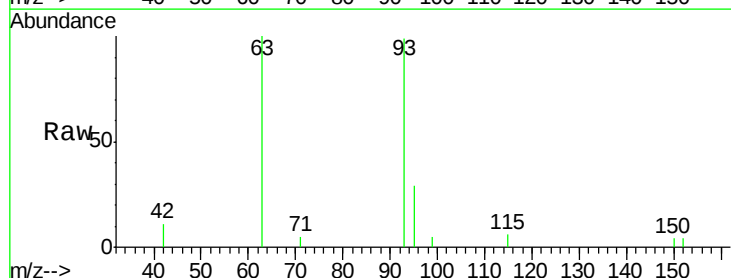
Tgt Ion: 93 Resp: 2794

Ion Ratio Lower Upper

93 100

63 86.1 66.2 99.4

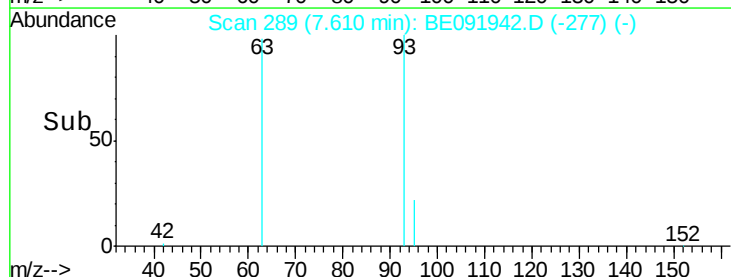
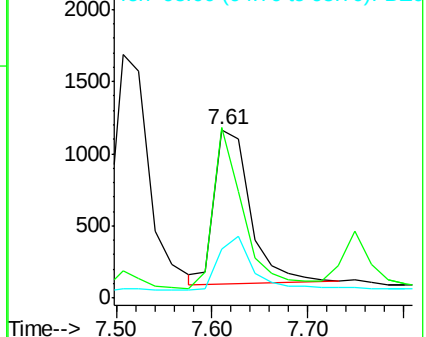
95 33.2 25.5 38.3

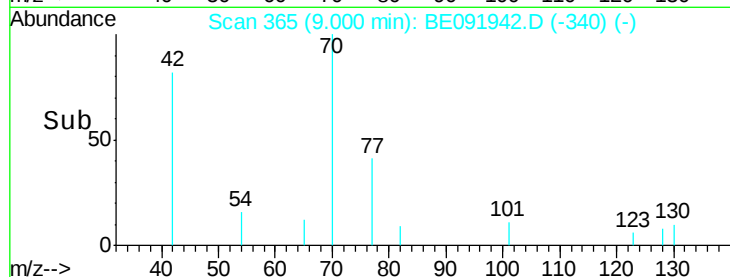
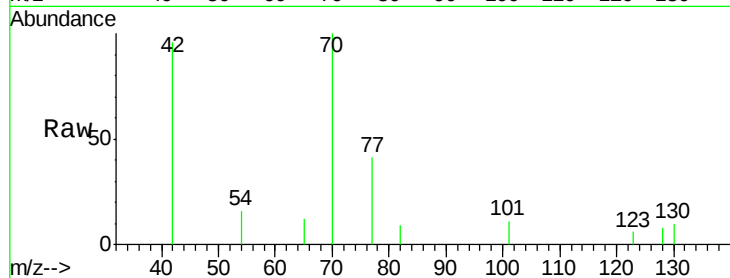
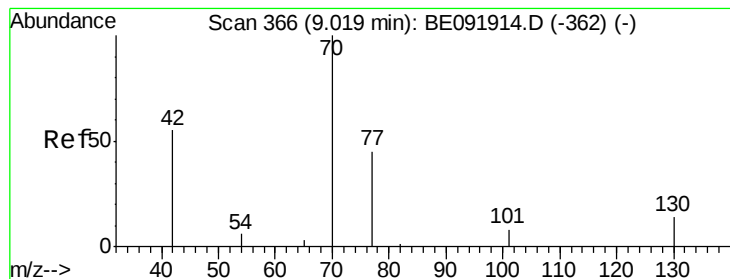


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.44 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion: 70 Resp: 2196

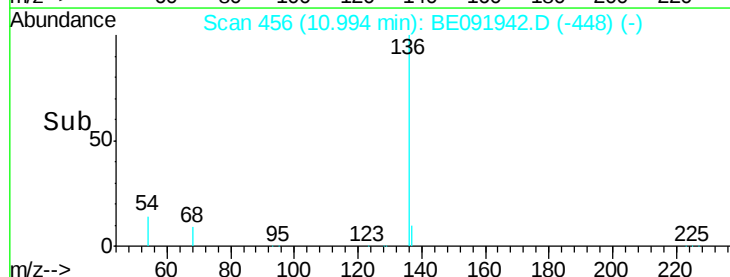
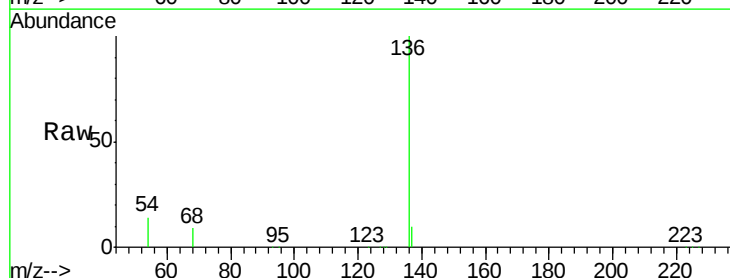
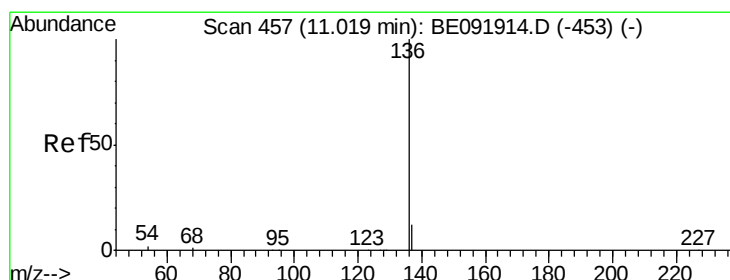
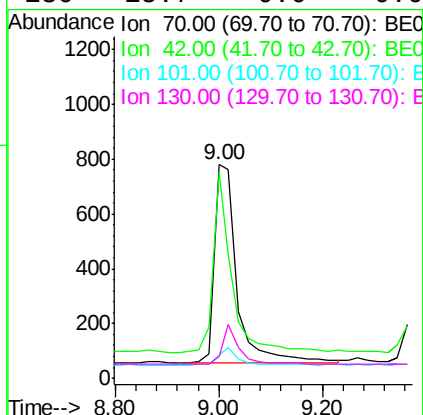
Ion Ratio Lower Upper

70 100

42 75.4 58.4 87.6

101 7.5 6.4 9.6

130 15.7 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Tgt Ion: 136 Resp: 112293

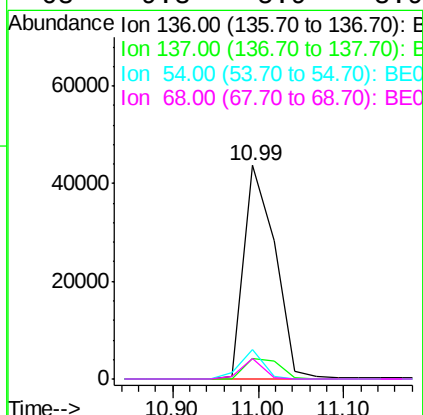
Ion Ratio Lower Upper

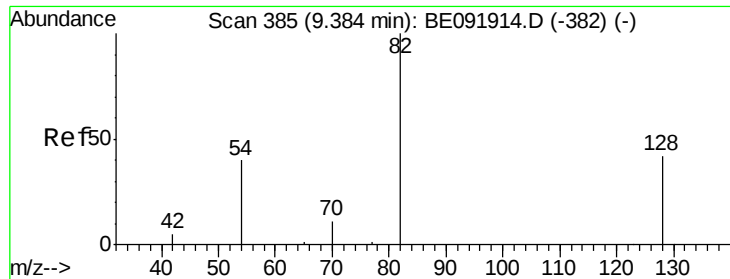
136 100

137 9.8 8.3 12.5

54 13.6 8.2 12.4#

68 9.3 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.36 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

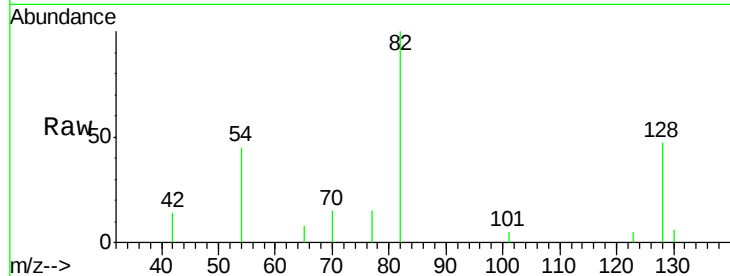
Tot Ion: 82 Resp: 2810

Ion Ratio Lower Upper

82 100

128 46.8 39.5 59.3

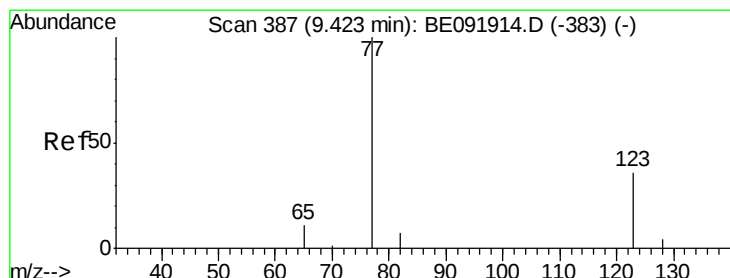
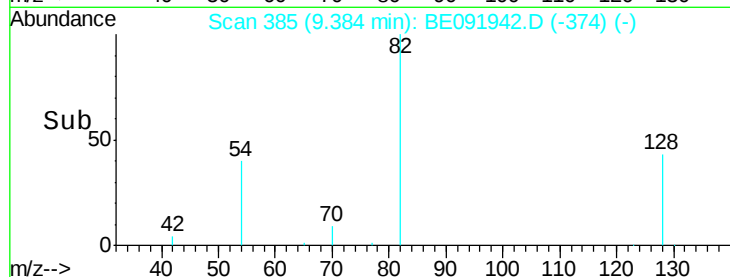
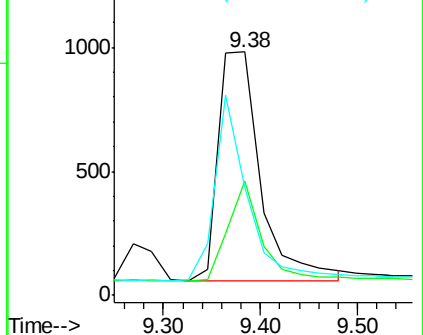
54 44.5 30.3 45.5



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: 0.37 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

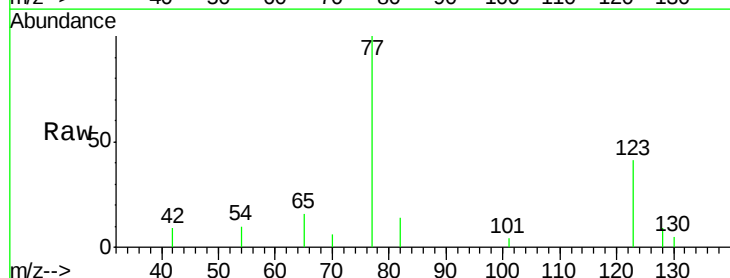
Tgt Ion: 77 Resp: 2825

Ion Ratio Lower Upper

77 100

123 36.0 0.0 0.0#

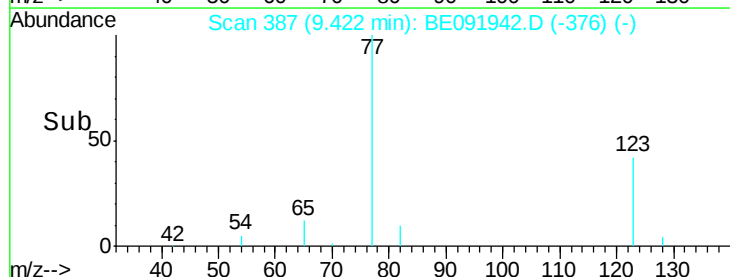
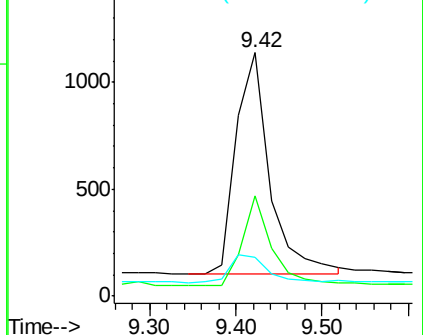
65 13.7 11.1 16.7

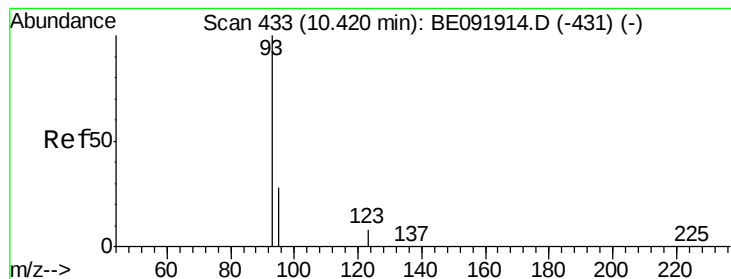


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.42 ng

RT: 10.42 min Scan# 433

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

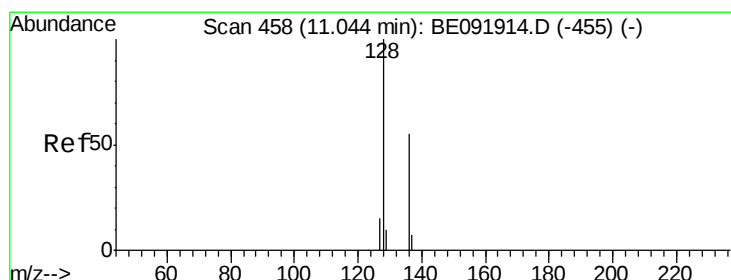
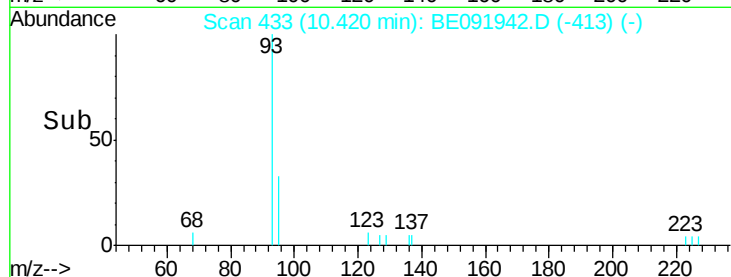
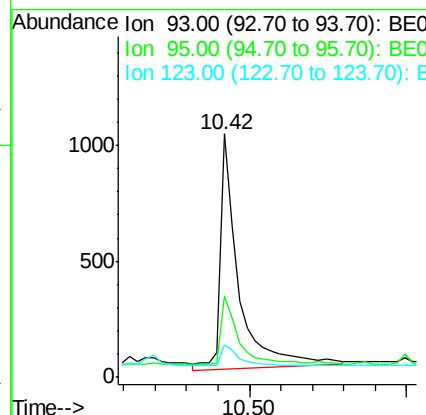
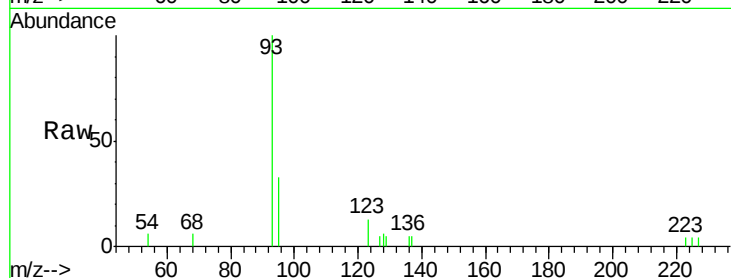
Tot Ion: 93 Resp: 4135

Ion Ratio Lower Upper

93 100

95 38.5 57.6 86.4#

123 9.1 100.2 150.4#



#12

Naphthalene

Concen: 0.42 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

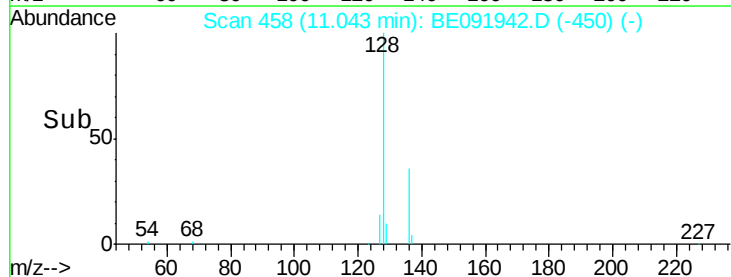
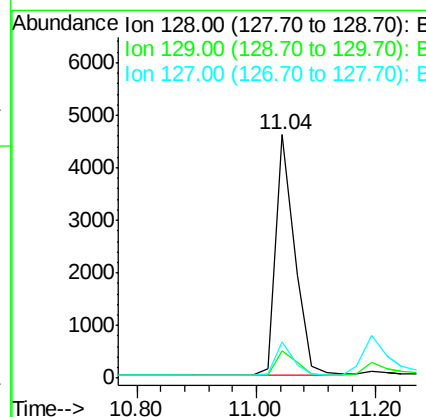
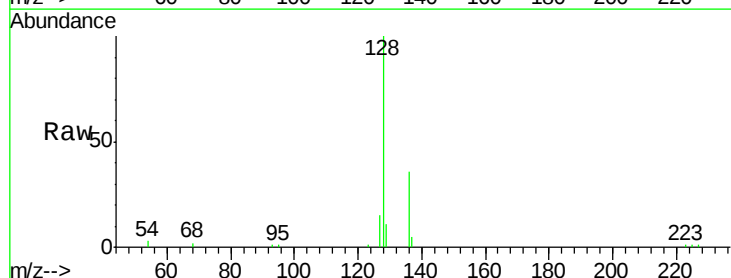
Tgt Ion: 128 Resp: 10233

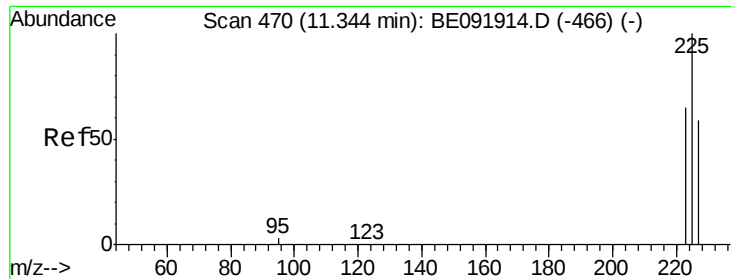
Ion Ratio Lower Upper

128 100

129 11.1 10.4 15.6

127 15.0 10.2 15.2

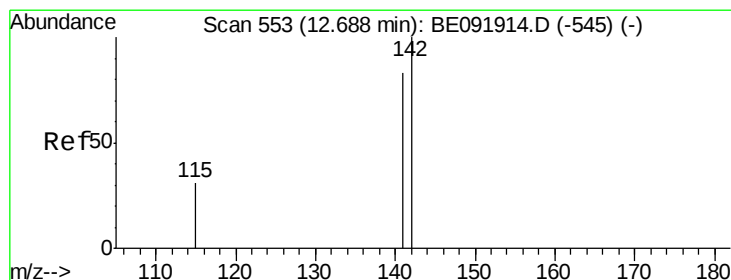
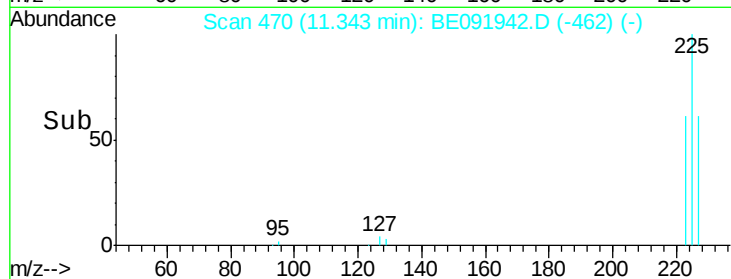
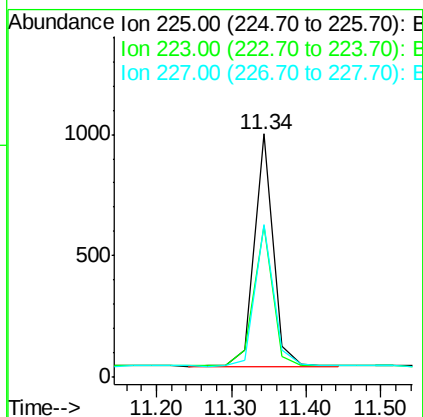
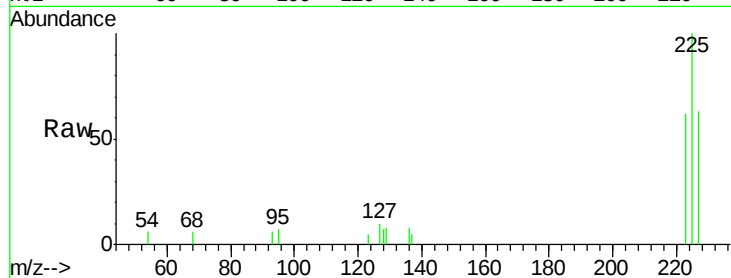




#13
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

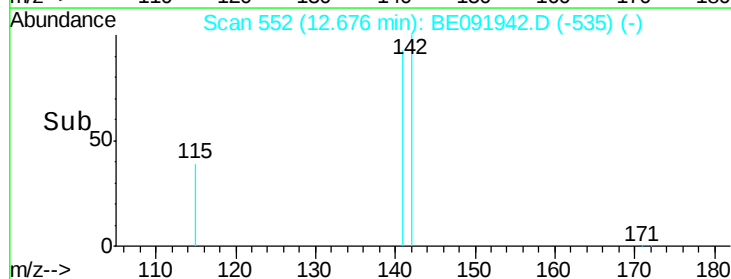
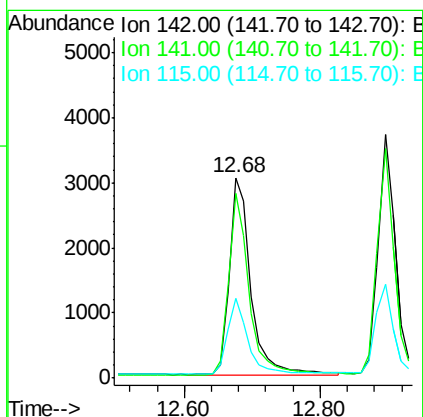
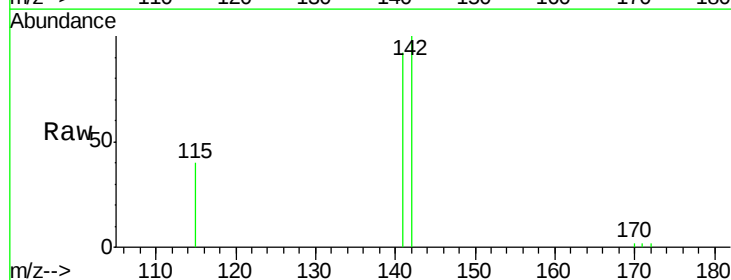
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

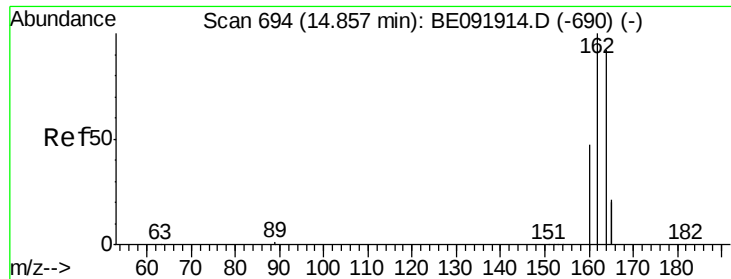
Tot Ion:225 Resp: 1678
Ion Ratio Lower Upper
225 100
223 61.8 49.8 74.8
227 61.4 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

Tgt Ion:142 Resp: 6664
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9
115 39.9 29.9 44.9

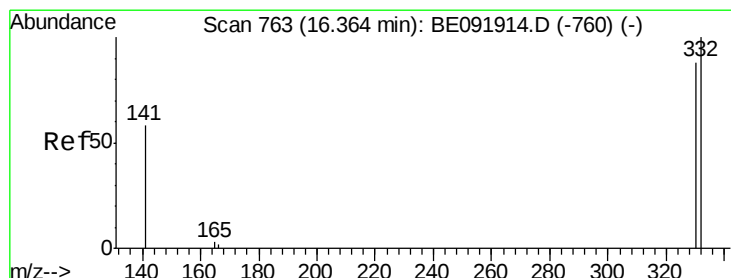
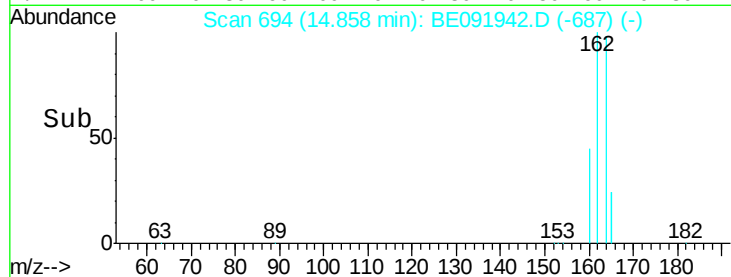
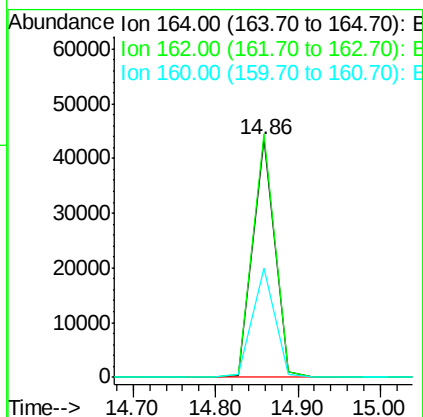
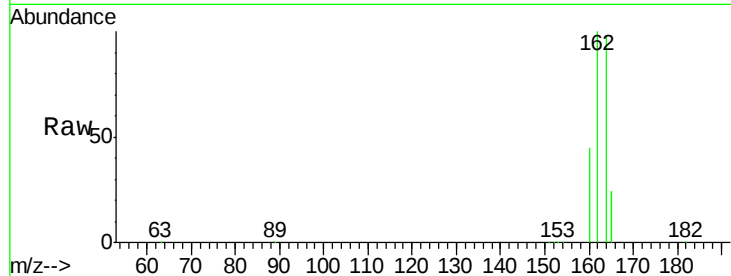




#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BE091942.D
 Acq: 24 Jun 2016 11:34

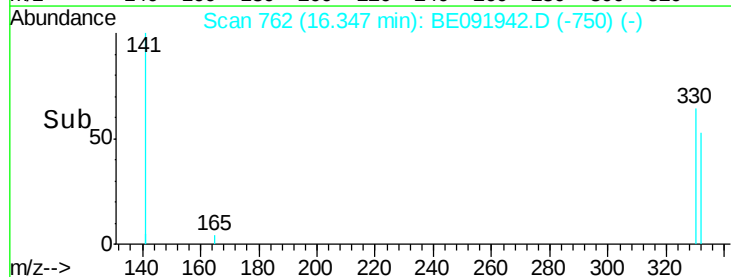
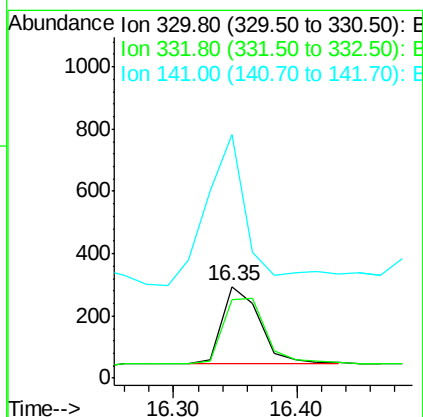
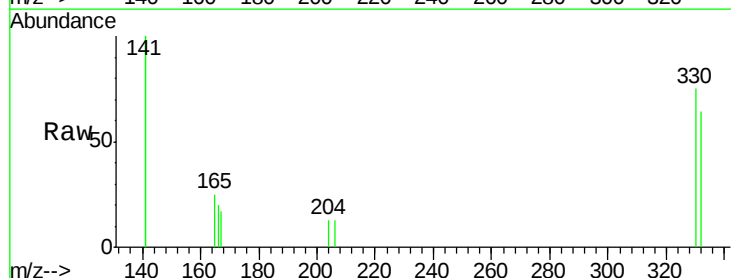
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

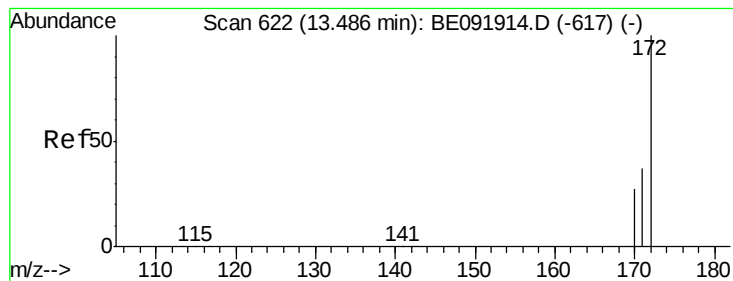
Tot Ion:164 Resp: 81076
 Ion Ratio Lower Upper
 164 100
 162 102.2 71.8 107.8
 160 45.7 28.0 42.0#



#16
 2,4,6-Tribromophenol
 Concen: 0.33 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091942.D
 Acq: 24 Jun 2016 11:34

Tgt Ion:330 Resp: 538
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 203.3 138.4 207.6

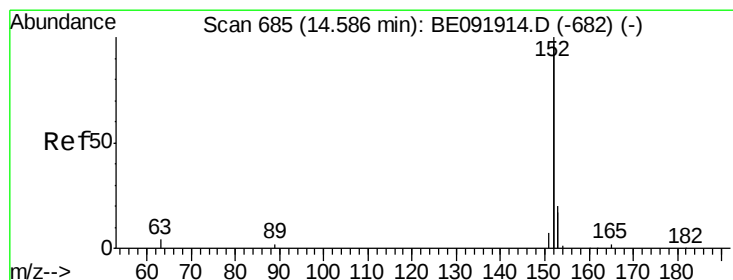
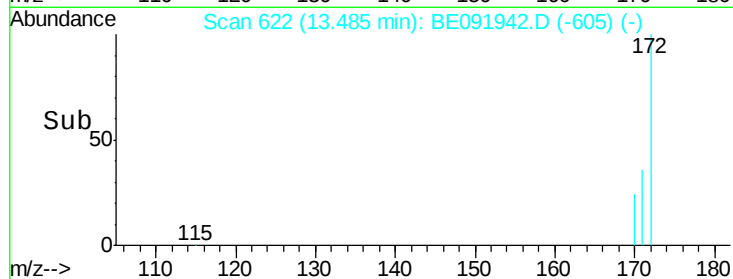
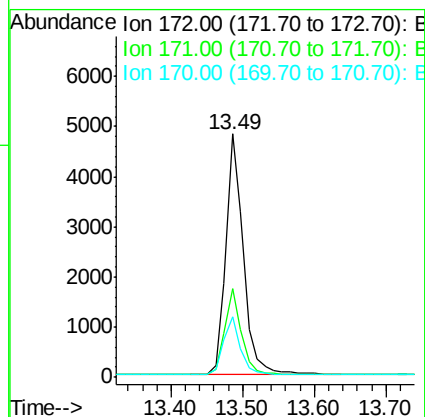
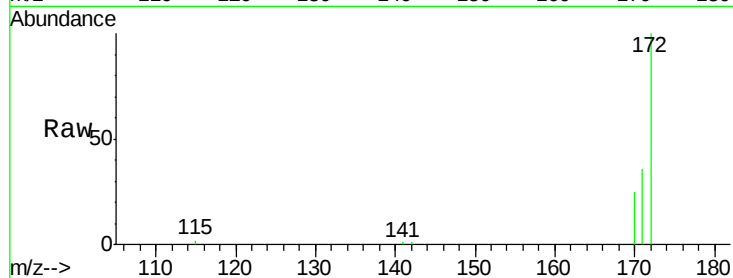




#17
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

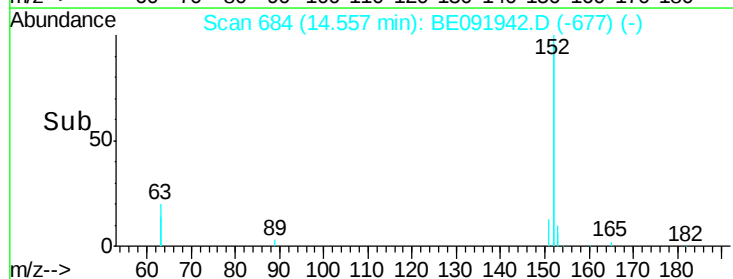
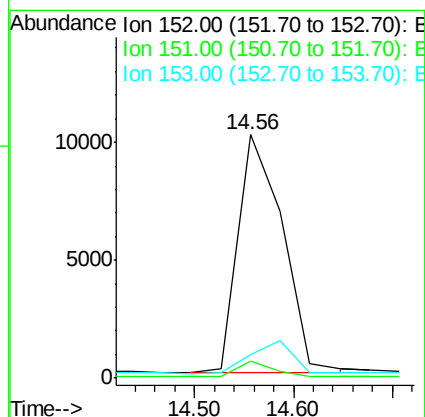
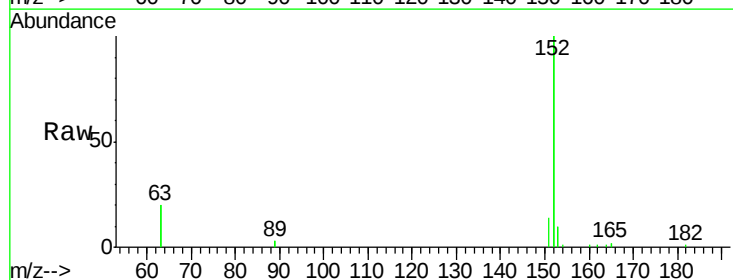
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

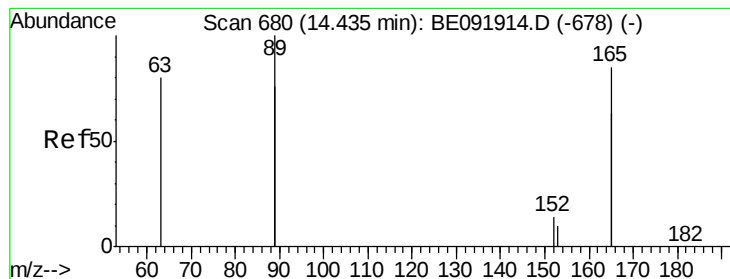
Tot Ion:172 Resp: 8225
Ion Ratio Lower Upper
172 100
171 36.3 24.3 36.5
170 24.8 14.9 22.3#



#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

Tgt Ion:152 Resp: 31904
Ion Ratio Lower Upper
152 100
151 5.4 19.4 29.2#
153 0.0 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.44 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

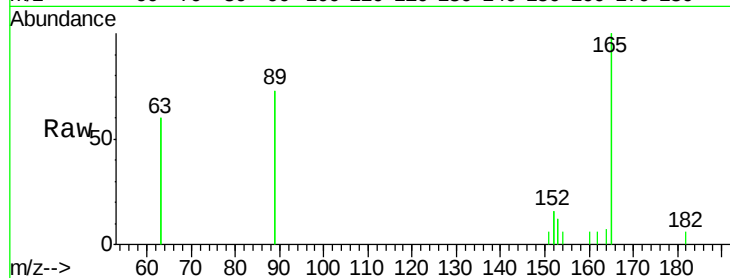
Tot Ion:165 Resp: 3578

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

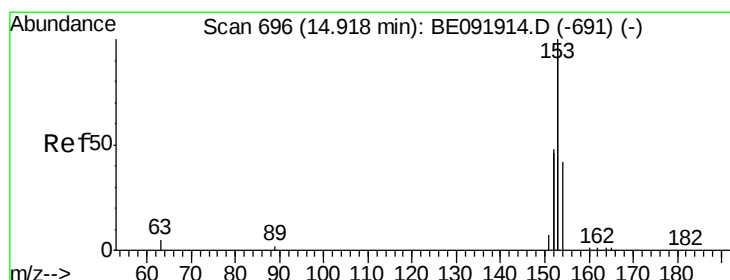
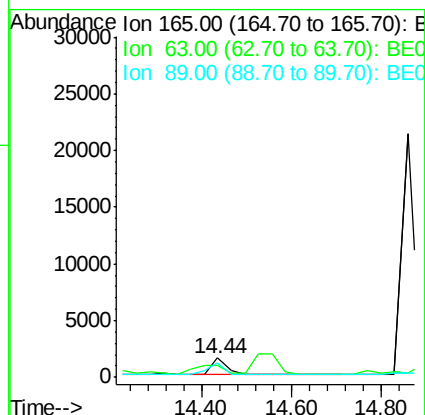
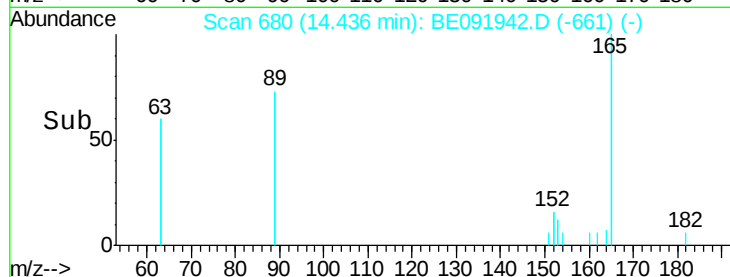
89 261.2 59.1 88.7#



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: 0.40 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

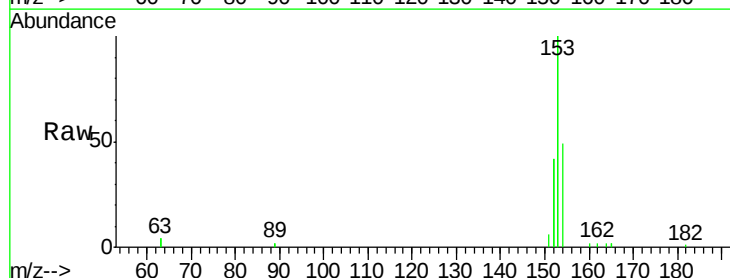
Tgt Ion:154 Resp: 9008

Ion Ratio Lower Upper

154 100

153 405.2 88.1 132.1#

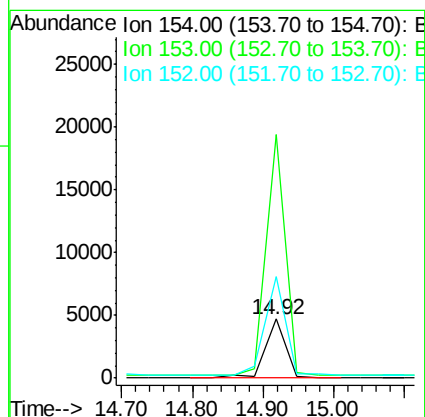
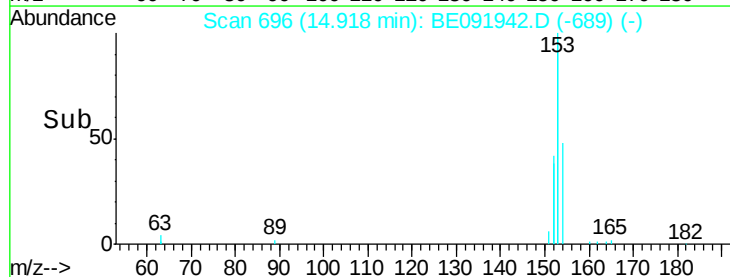
152 174.2 44.2 66.2#

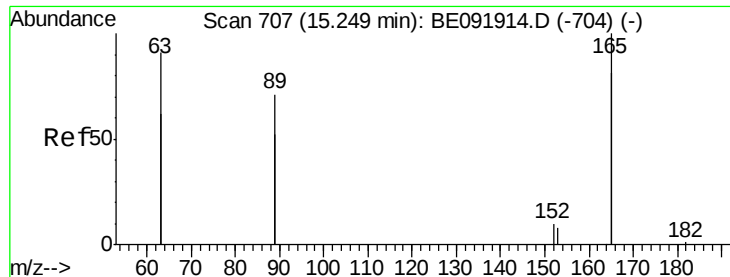


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

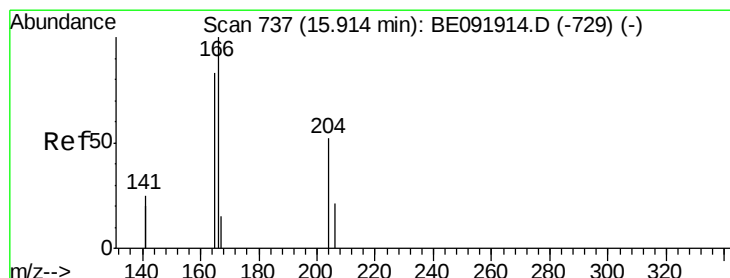
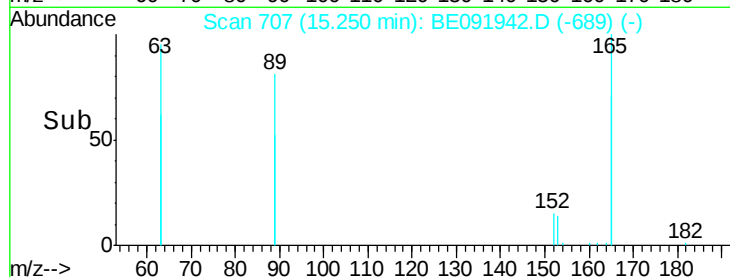
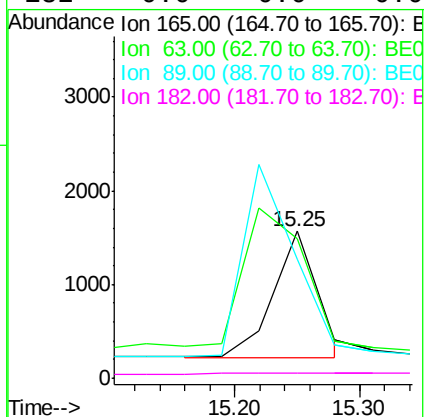
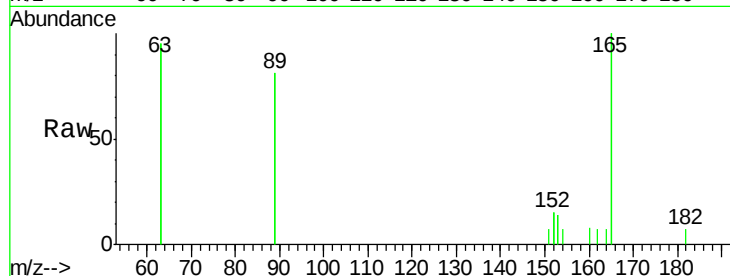




#21
2,4-Dinitrotoluene
Concen: 0.33 ng m
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

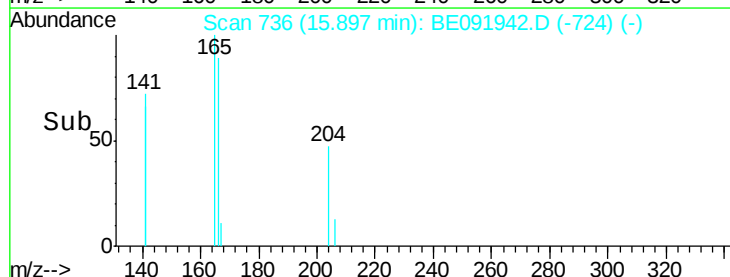
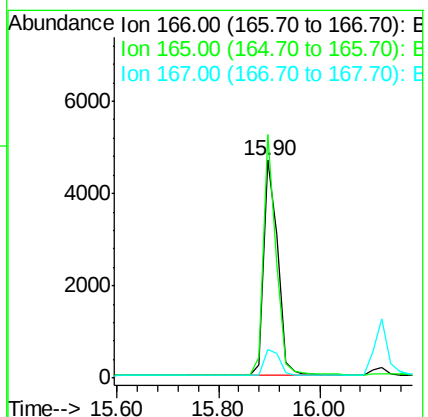
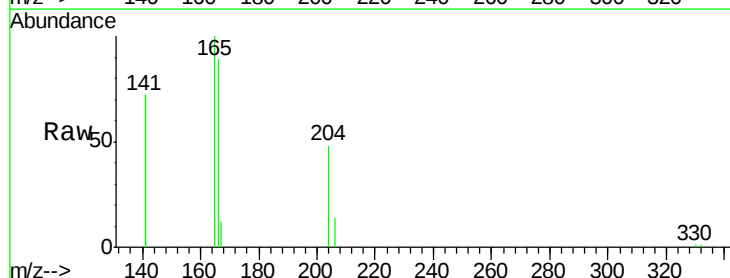
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

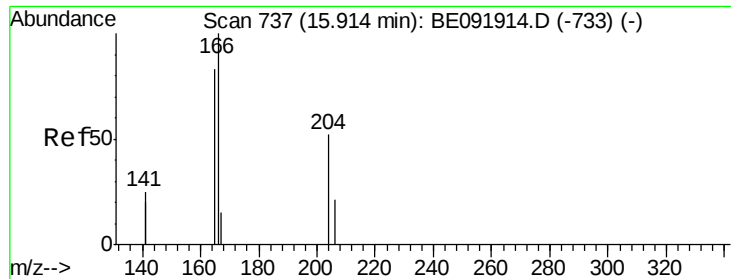
Tot Ion:165 Resp: 3372
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.39 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

Tgt Ion:166 Resp: 8796
Ion Ratio Lower Upper
166 100
165 100.7 78.6 117.8
167 13.8 10.8 16.2

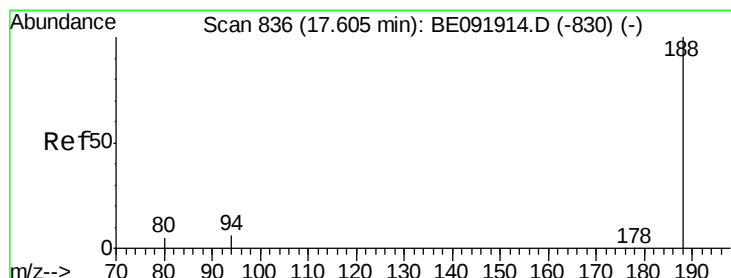
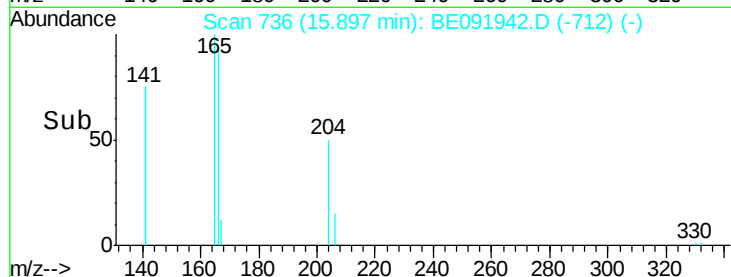
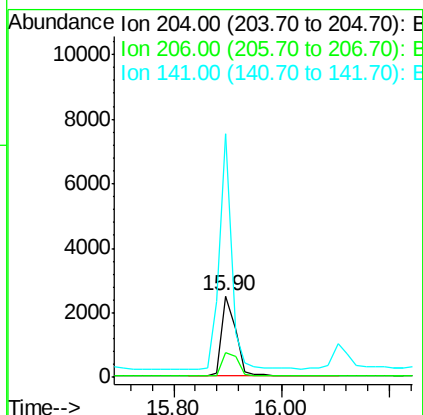
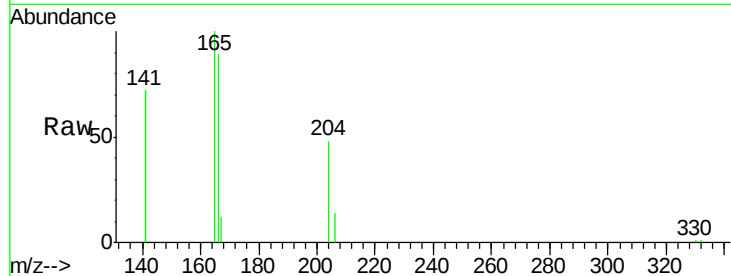




#23
4-Chlorophenyl-phenylether
Concen: 0.40 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

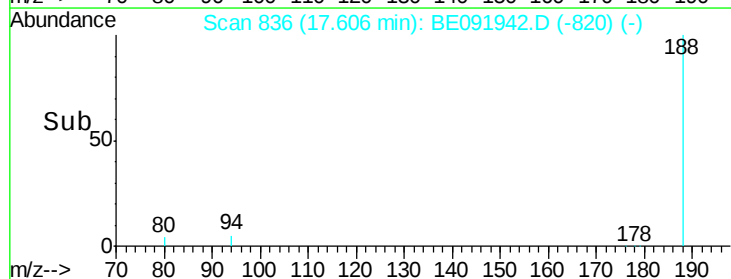
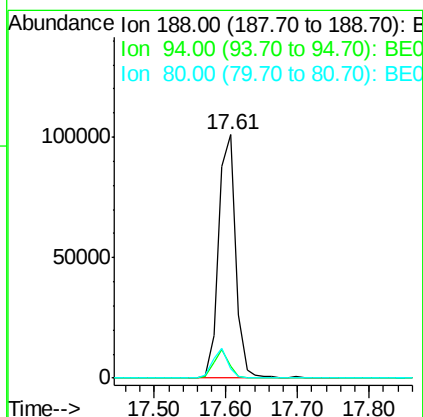
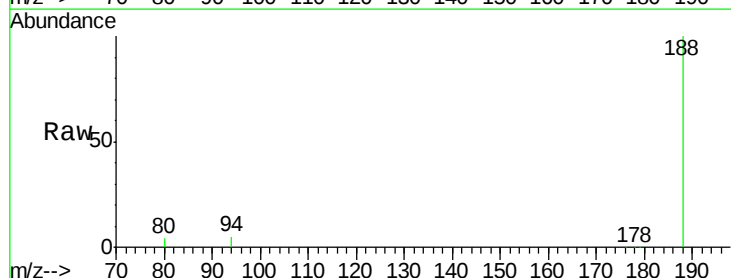
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

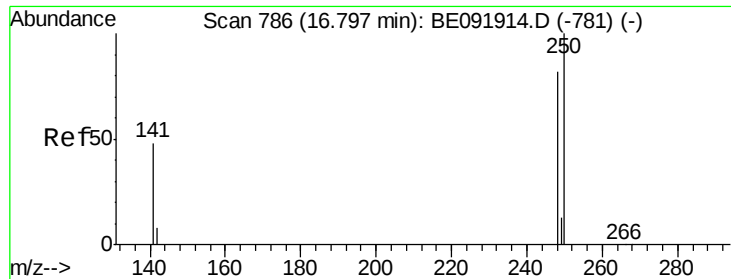
Tot Ion:204 Resp: 4461
Ion Ratio Lower Upper
204 100
206 33.5 27.8 41.6
141 259.3 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

Tgt Ion:188 Resp: 167296
Ion Ratio Lower Upper
188 100
94 4.9 4.1 6.1
80 4.1 3.4 5.2





#25

4-Bromophenyl-phenylether

Concen: 0.42 ng

RT: 16.78 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

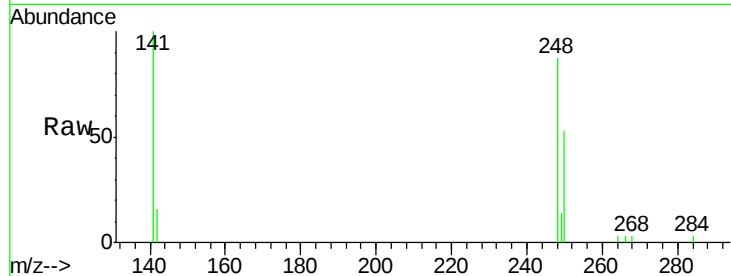
Tot Ion:248 Resp: 2695

Ion Ratio Lower Upper

248 100

250 96.9 75.7 113.5

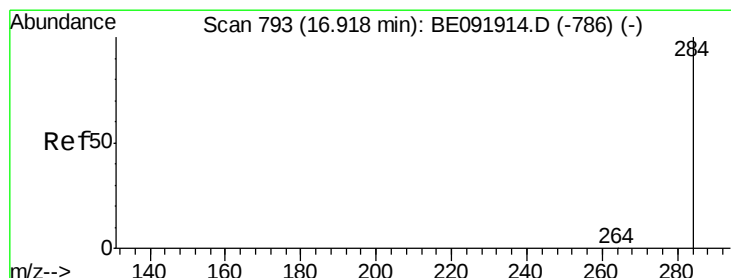
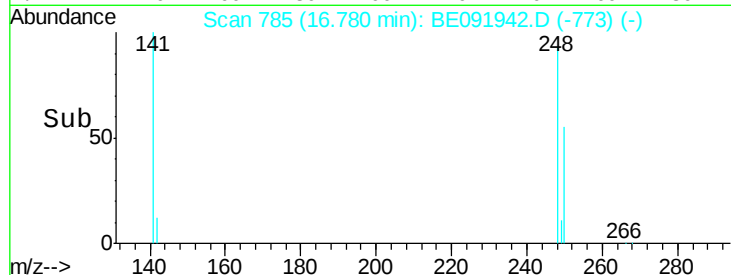
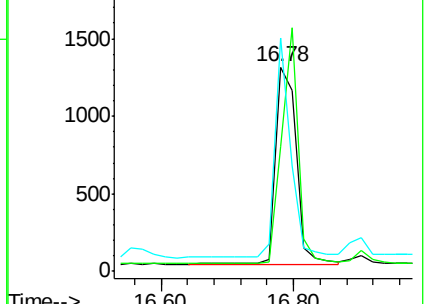
141 88.5 64.6 97.0



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: 0.41 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

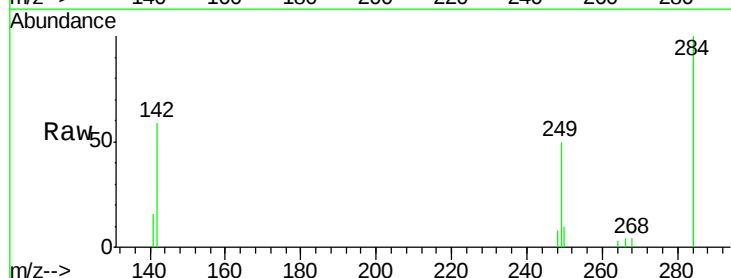
Tgt Ion:284 Resp: 2744

Ion Ratio Lower Upper

284 100

142 42.7 31.4 47.2

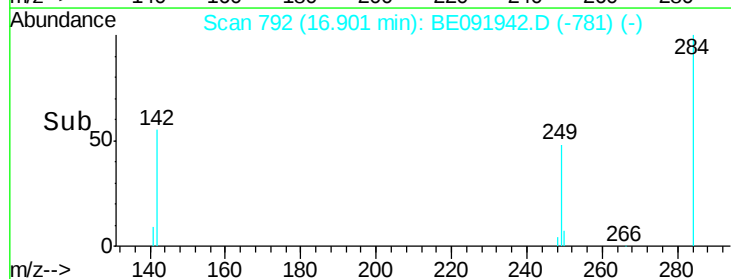
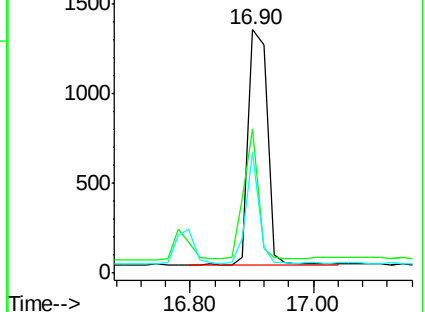
249 32.6 25.3 37.9

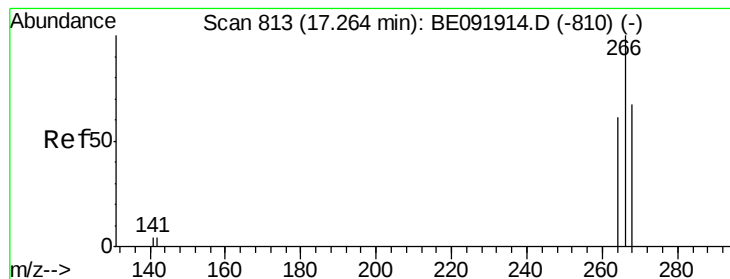


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.38 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

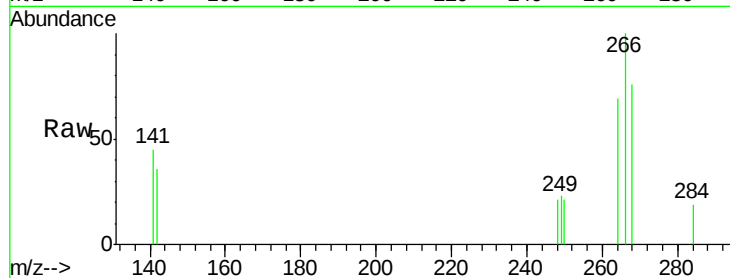
Tot Ion:266 Resp: 552

Ion Ratio Lower Upper

266 100

268 76.3 60.5 90.7

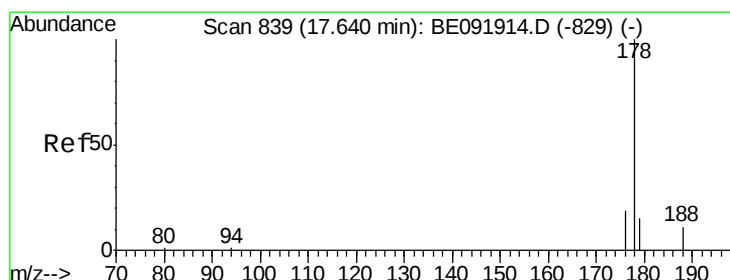
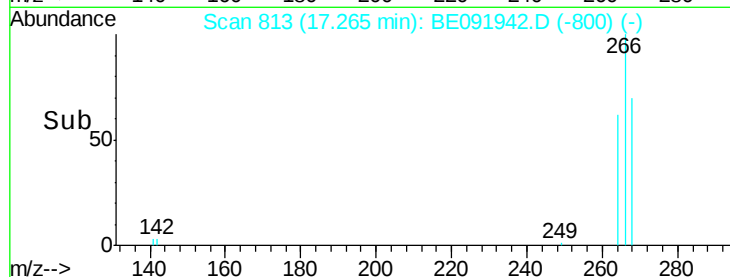
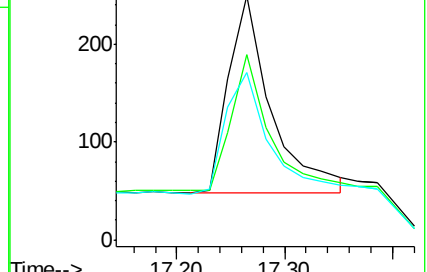
264 68.7 51.0 76.4



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: 0.42 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

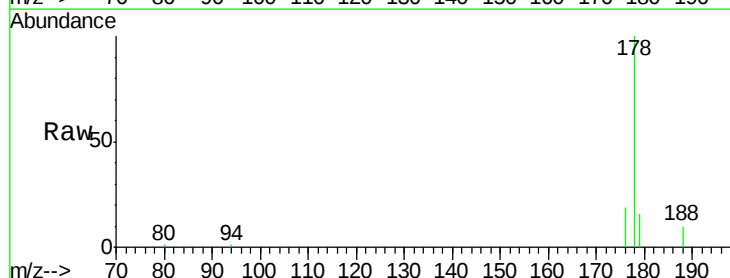
Tgt Ion:178 Resp: 17654

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

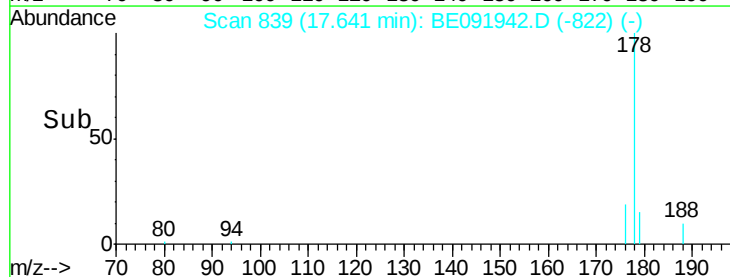
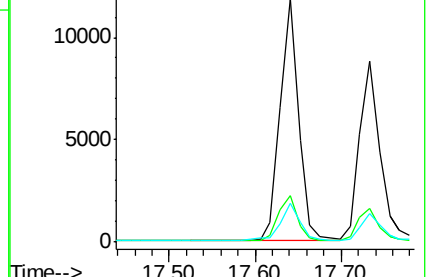
179 16.0 12.9 19.3

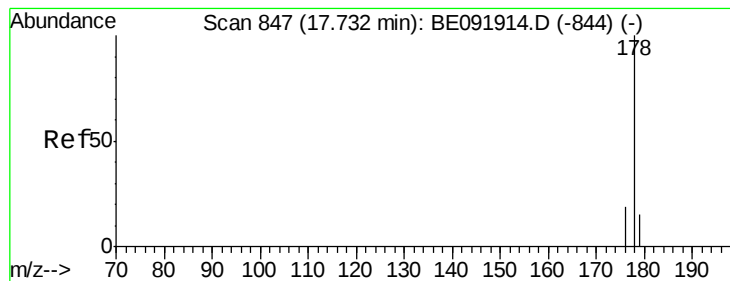


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.40 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

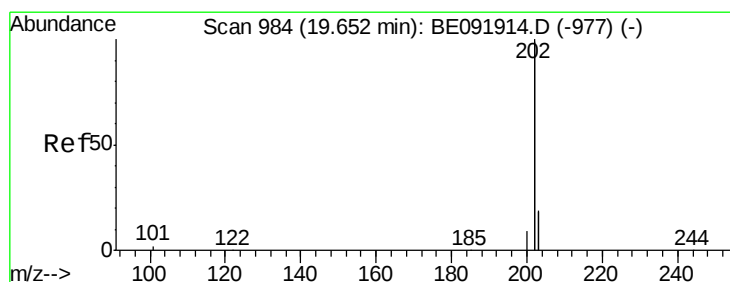
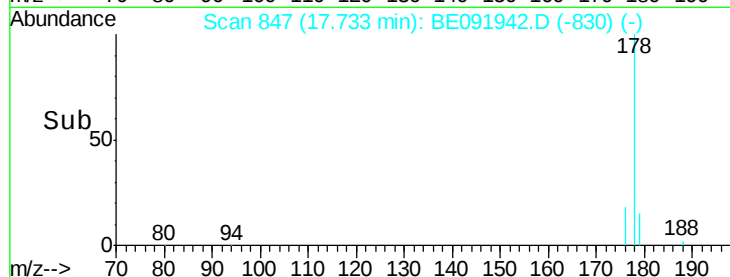
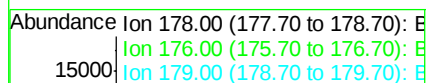
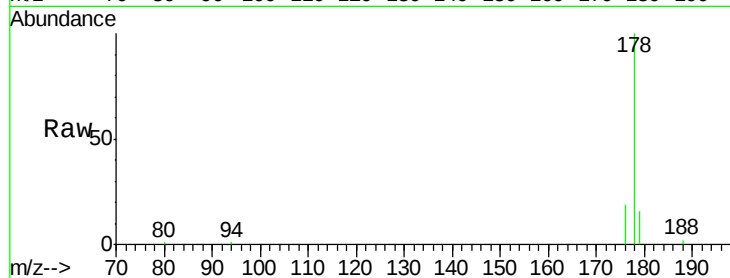
Tot Ion:178 Resp: 14791

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.3 12.1 18.1



#30

Fluoranthene

Concen: 0.40 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

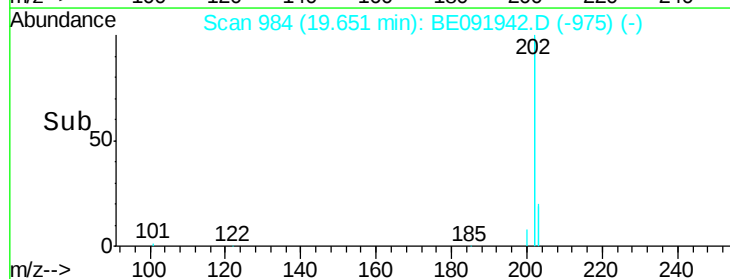
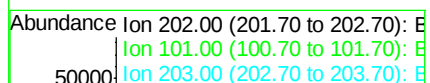
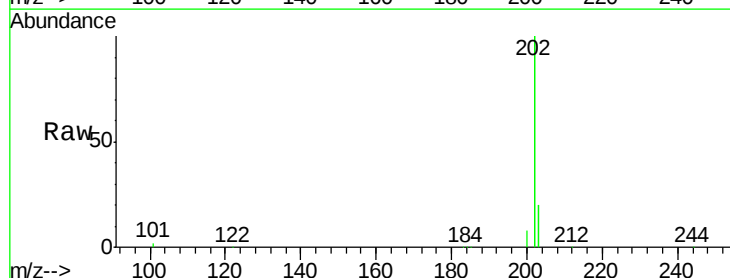
Tgt Ion:202 Resp: 71505

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 18.5 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: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

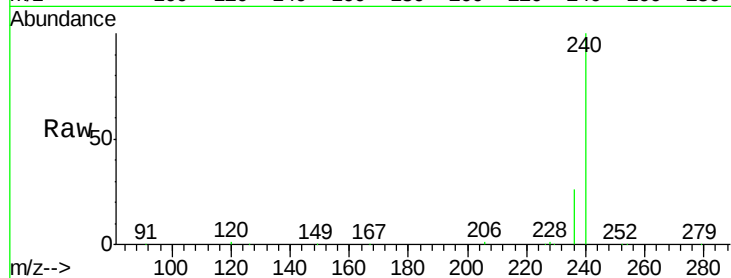
Tot Ion:240 Resp: 269343

Ion Ratio Lower Upper

240 100

120 1.4 1.2 1.8

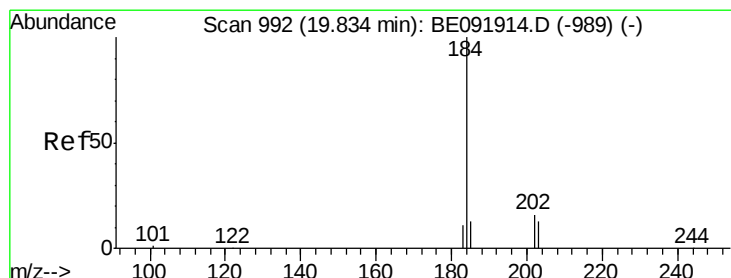
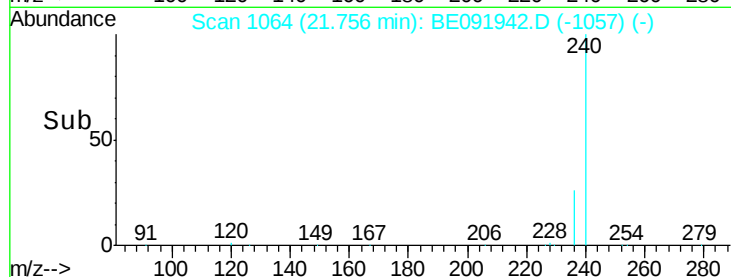
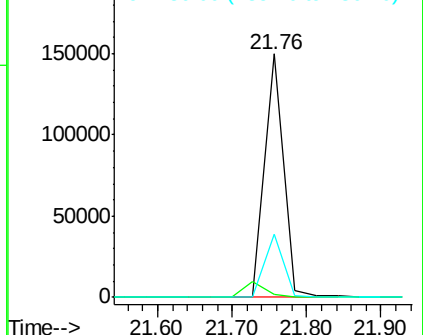
236 26.0 19.8 29.8



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: 0.42 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

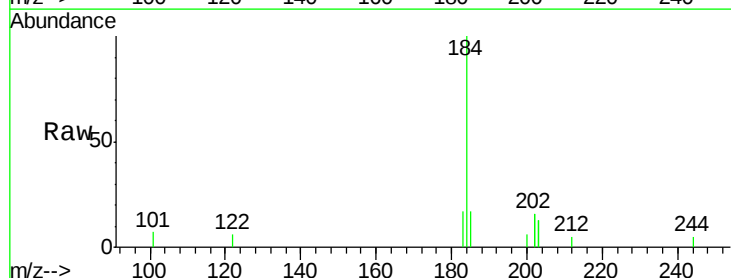
Tgt Ion:184 Resp: 3409

Ion Ratio Lower Upper

184 100

185 17.2 11.4 17.2#

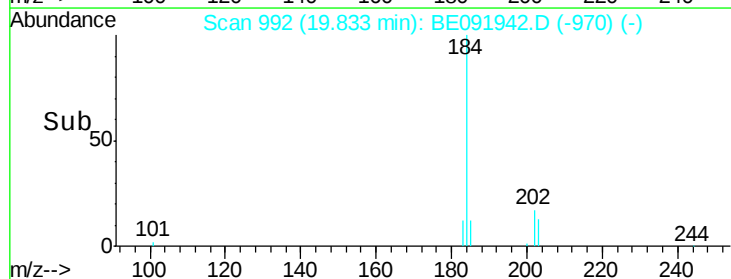
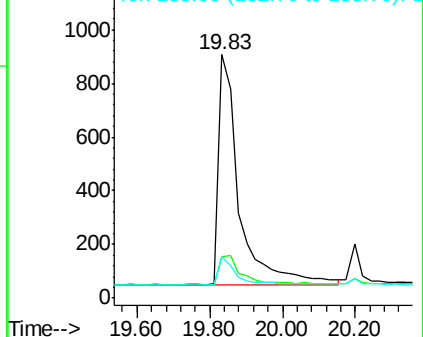
183 17.1 11.8 17.6

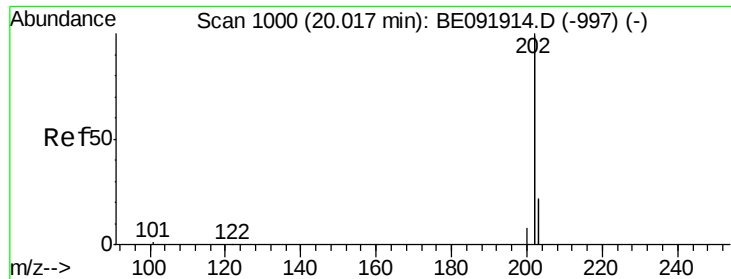


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

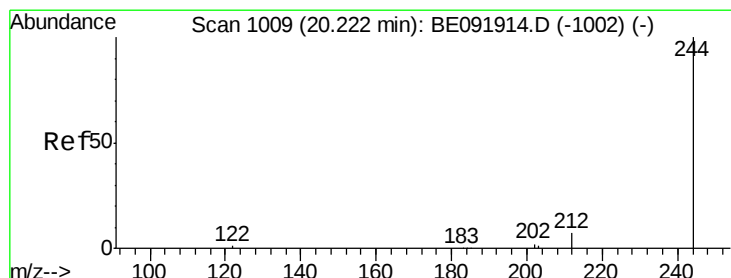
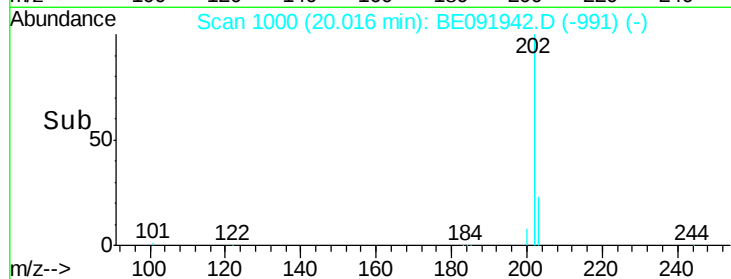
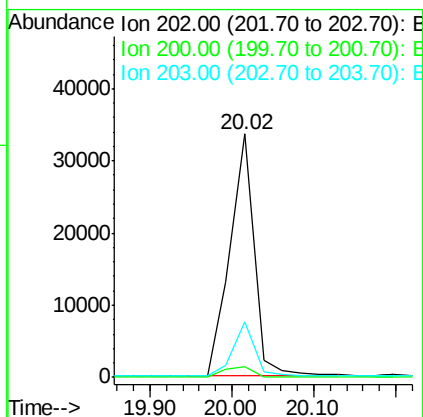
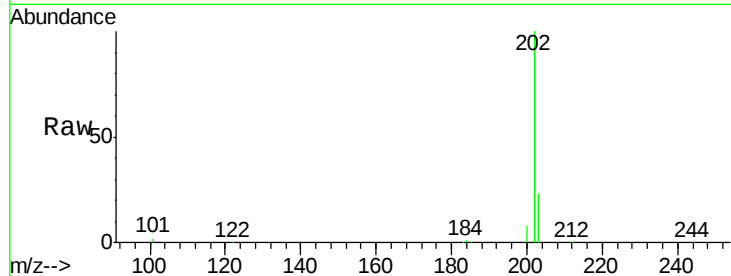




#33
Pvrene
Concen: 0.37 ng
RT: 20.02 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

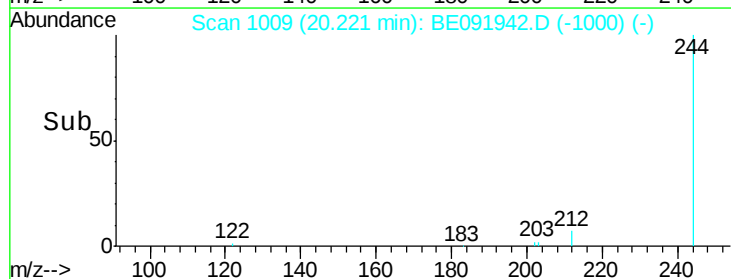
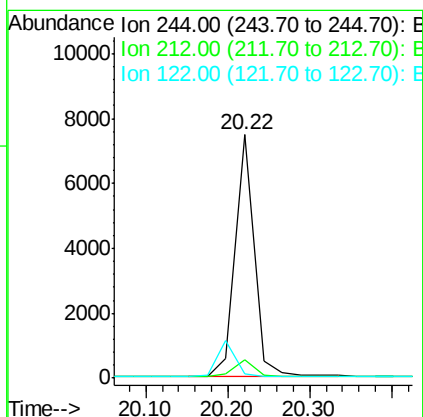
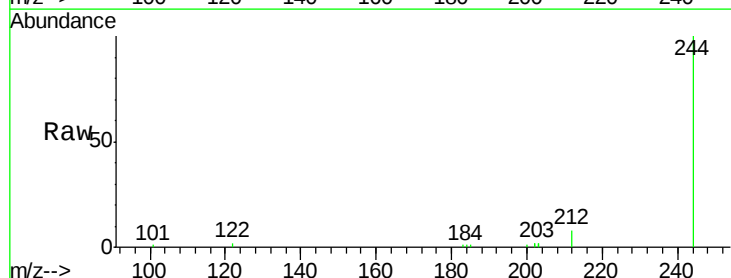
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

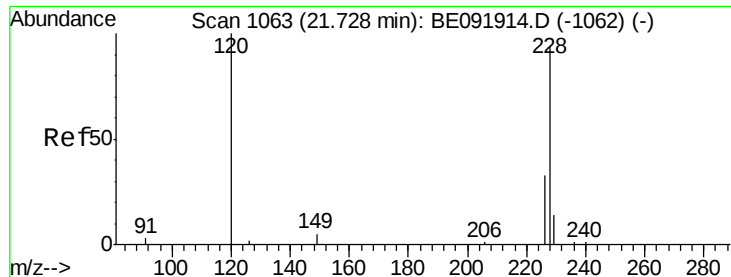
Tot Ion:202 Resp: 68149
Ion Ratio Lower Upper
202 100
200 5.2 16.9 25.3#
203 19.5 14.1 21.1



#34
Terphenyl-d14
Concen: 0.36 ng
RT: 20.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

Tgt Ion:244 Resp: 11933
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 2.0 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.43 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

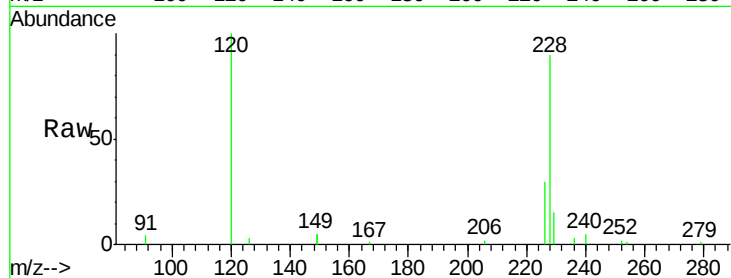
Tot Ion:228 Resp: 18053

Ion Ratio Lower Upper

228 100

226 33.6 21.0 31.4#

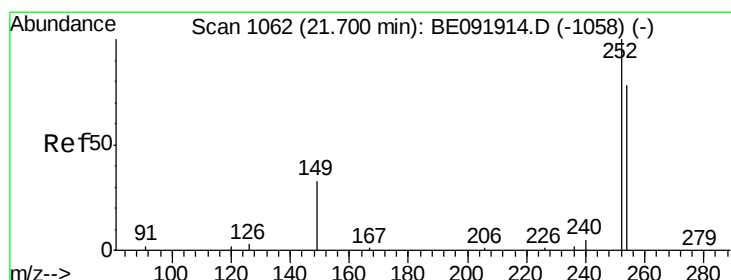
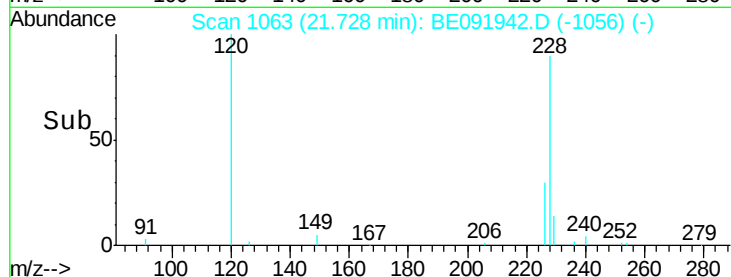
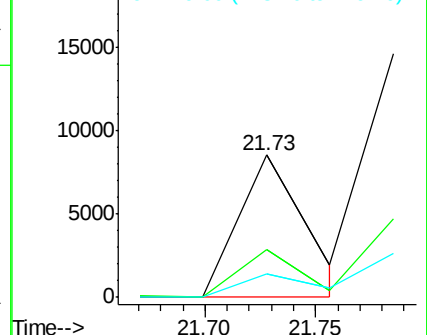
229 16.3 15.8 23.8



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: 0.32 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.03 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

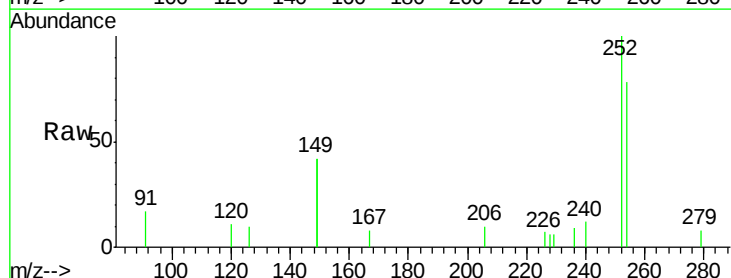
Tgt Ion:252 Resp: 2170

Ion Ratio Lower Upper

252 100

254 78.4 61.5 92.3

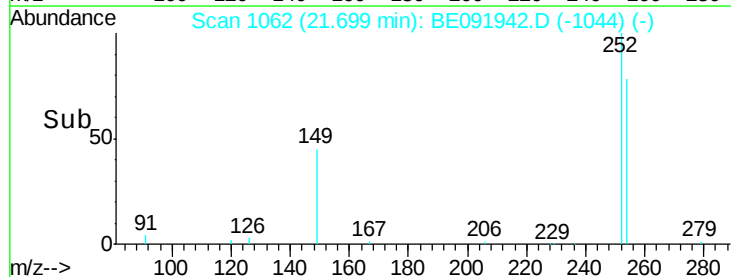
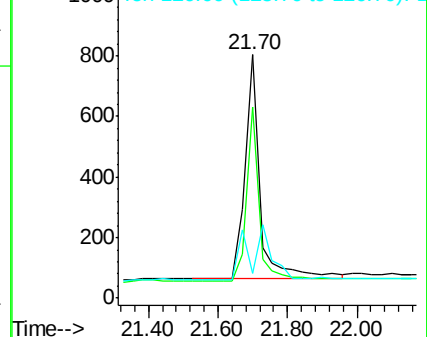
126 10.0 2.5 3.7#

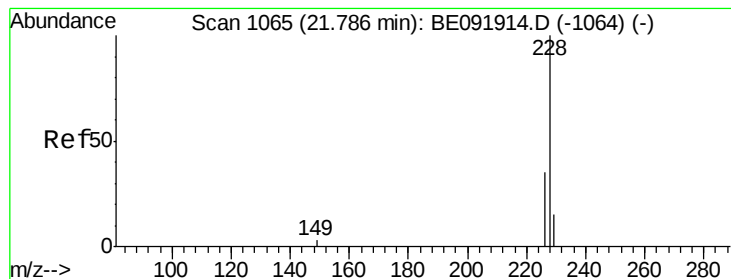


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.45 ng/mL

RT: 21.78 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

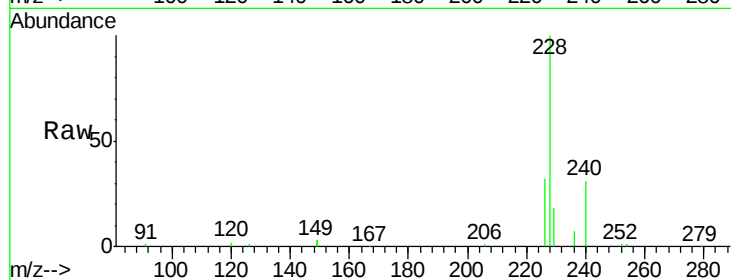
Tot Ion:228 Resp: 27640

Ion Ratio Lower Upper

228 100

226 32.2 27.0 40.6

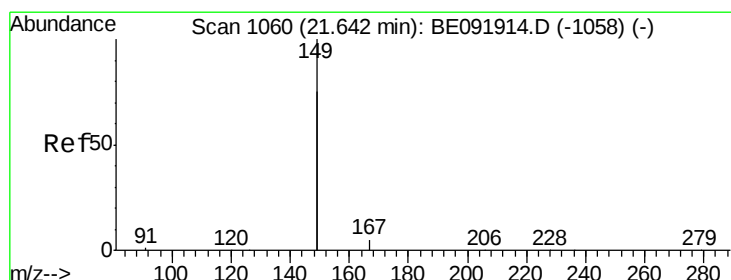
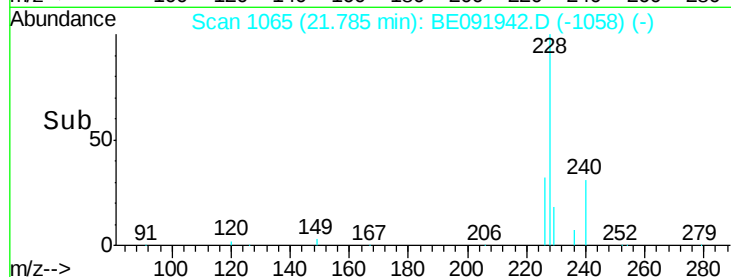
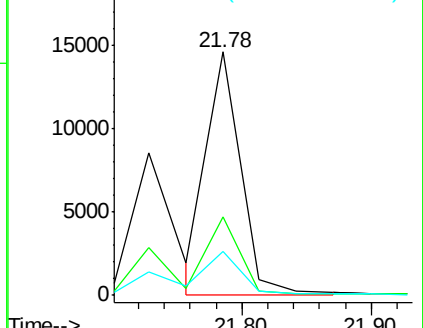
229 18.3 13.8 20.8



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: 0.44 ng/mL

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

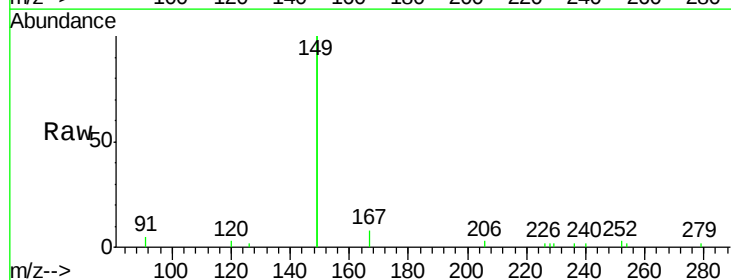
Tgt Ion:149 Resp: 11897

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

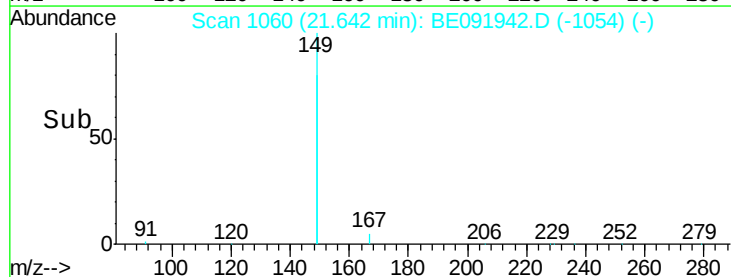
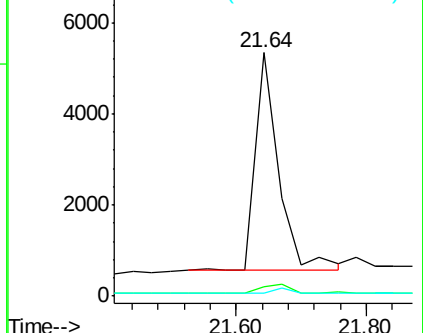
279 0.0 0.0 0.0

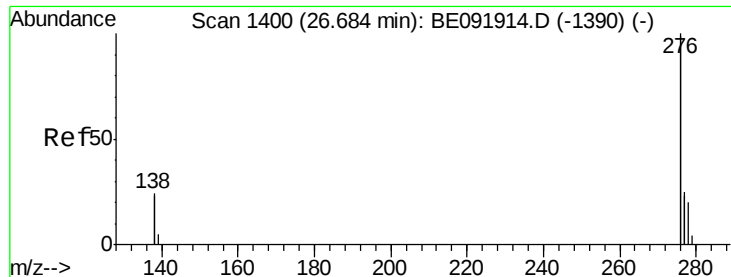


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

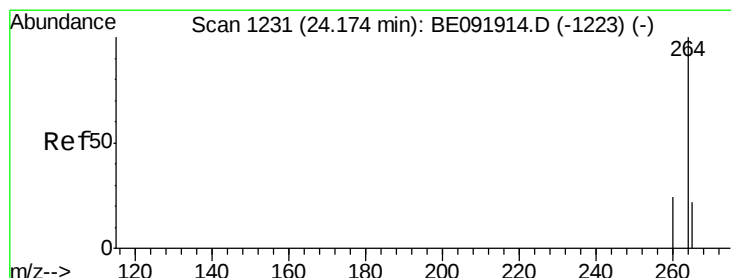
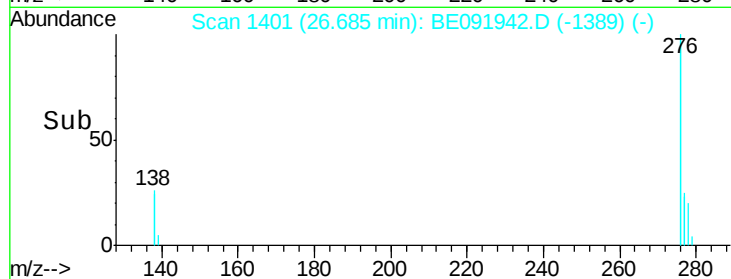
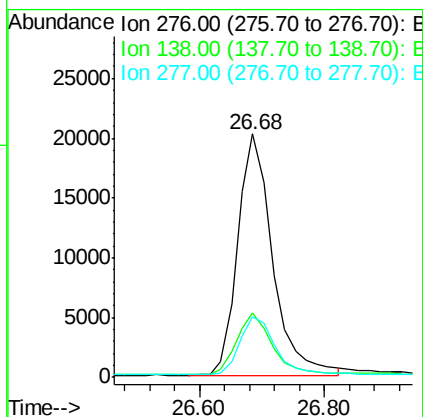
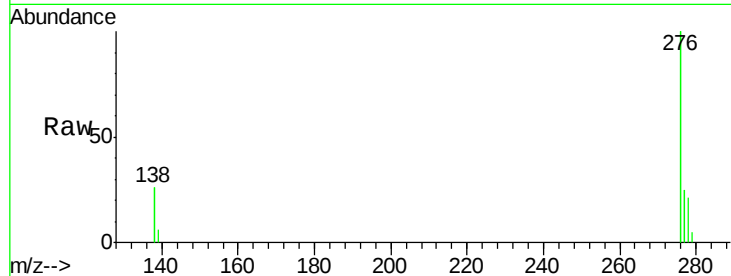




#39
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.68 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

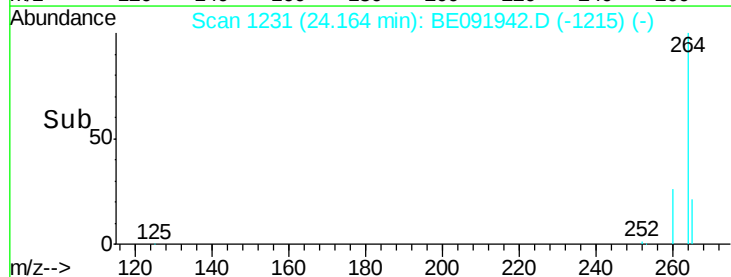
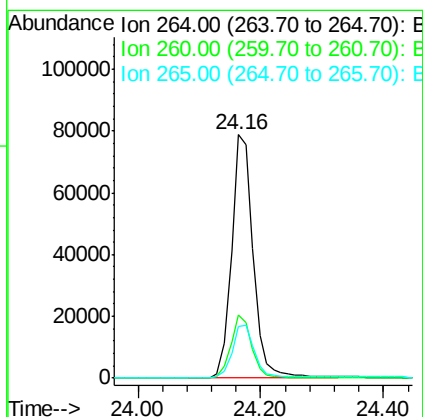
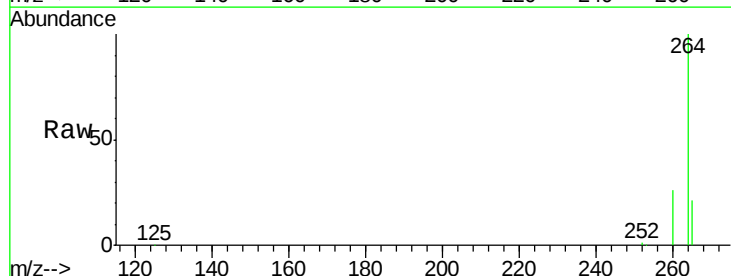
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

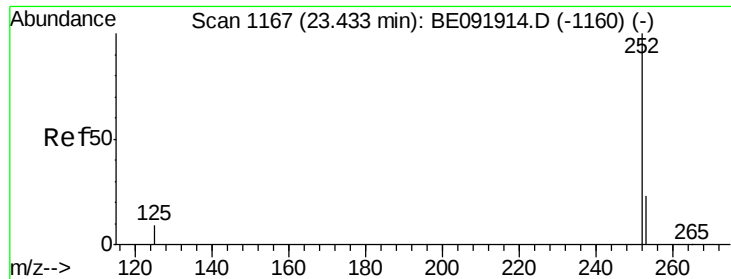
Tot Ion:276 Resp: 78161
Ion Ratio Lower Upper
276 100
138 26.1 19.7 29.5
277 24.7 20.1 30.1



#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE091942.D
Acq: 24 Jun 2016 11:34

Tgt Ion:264 Resp: 192720
Ion Ratio Lower Upper
264 100
260 25.9 20.3 30.5
265 21.0 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.42 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

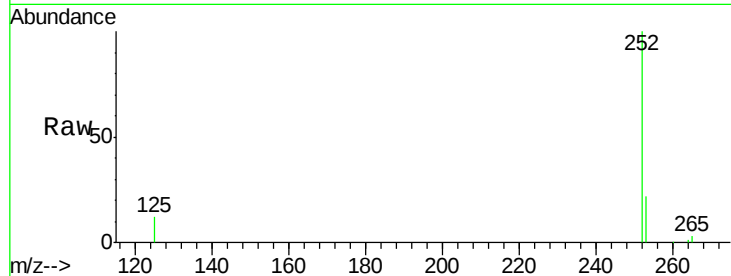
Tot Ion:252 Resp: 18380

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

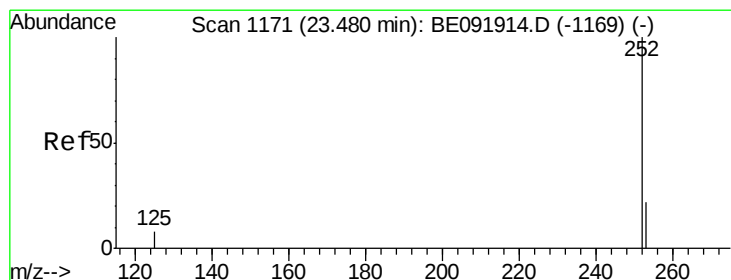
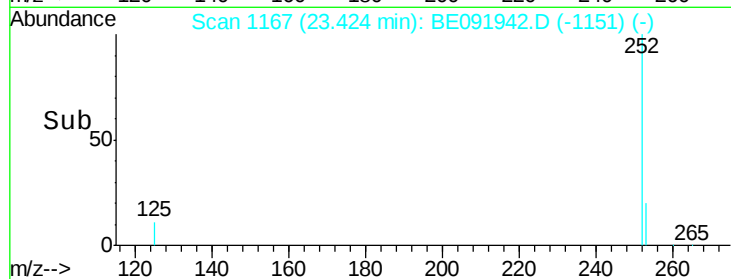
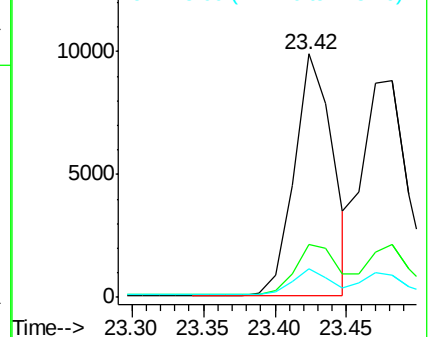
125 11.6 9.4 14.2



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# 1172

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

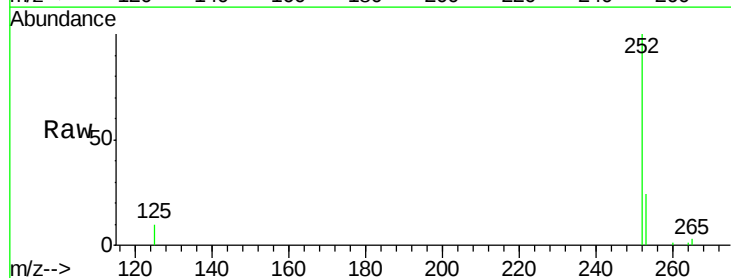
Tgt Ion:252 Resp: 19757

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

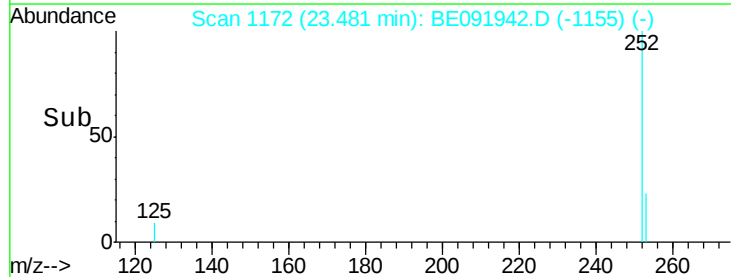
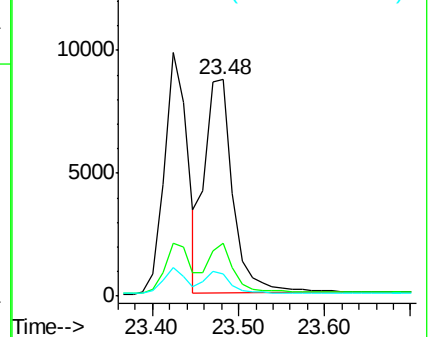
125 10.4 8.3 12.5



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: 0.38 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

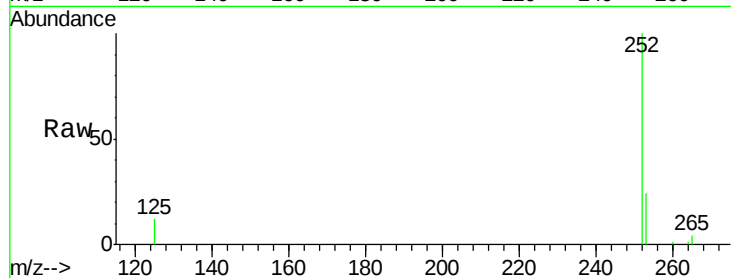
Tot Ion:252 Resp: 16537

Ion Ratio Lower Upper

252 100

253 24.4 18.9 28.3

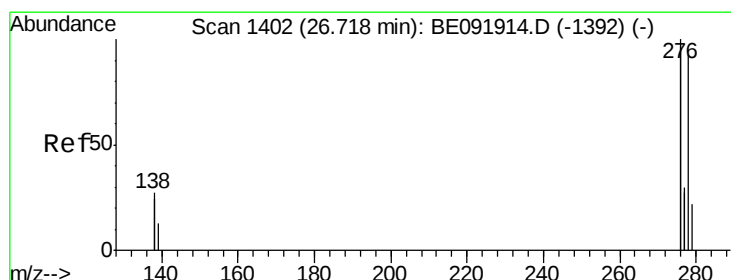
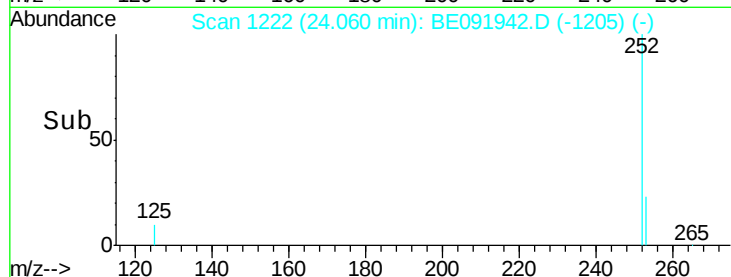
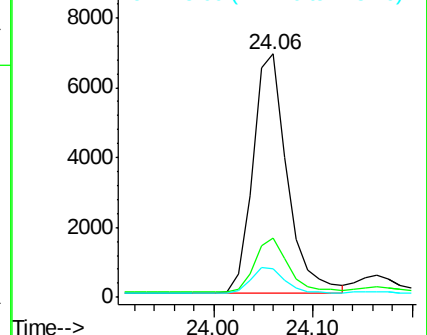
125 11.9 10.5 15.7



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: 0.38 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

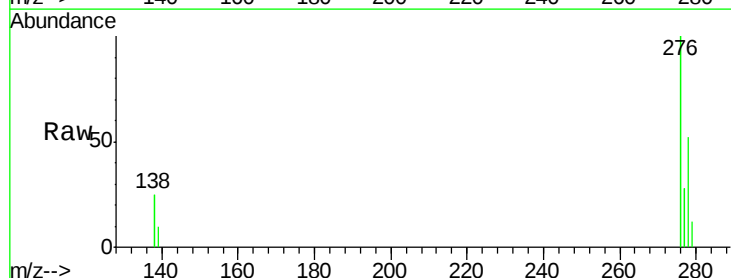
Tgt Ion:278 Resp: 16020

Ion Ratio Lower Upper

278 100

139 19.3 12.6 18.8#

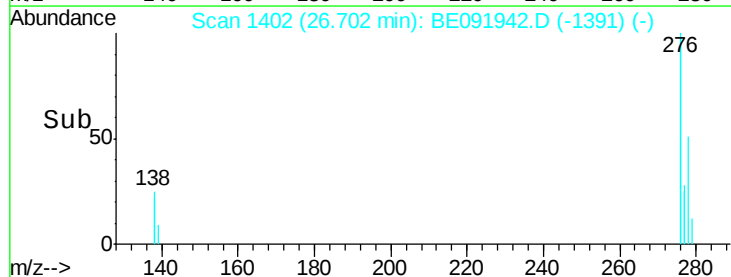
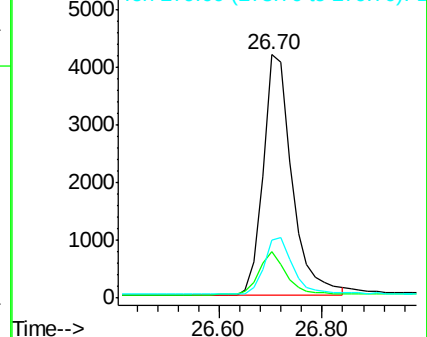
279 24.0 20.0 30.0

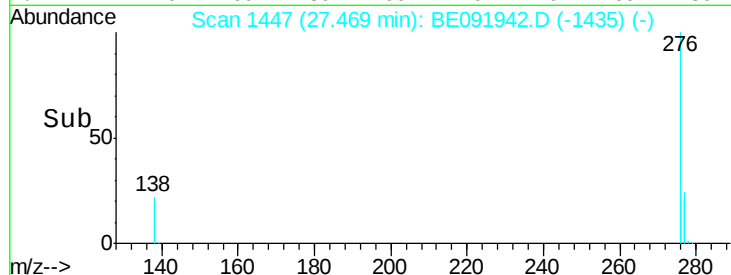
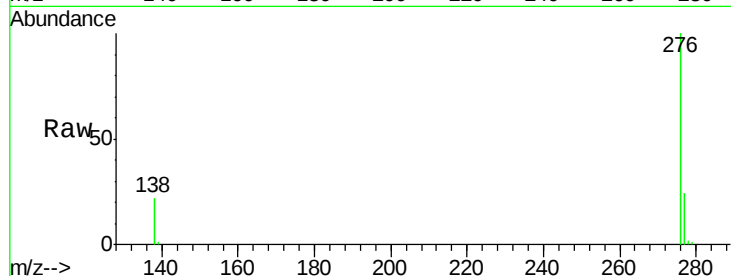
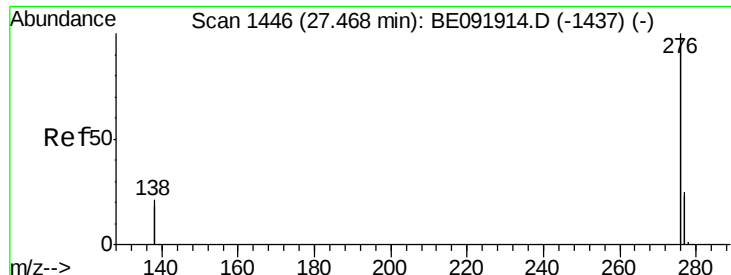


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.40 ng

RT: 27.47 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BE091942.D

Acq: 24 Jun 2016 11:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:276 Resp: 69614

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 21.6 17.7 26.5

