

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061416\
 Data File : BE091916.D
 Acq On : 14 Jun 2016 17:41
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 14 18:11:13 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	8.21	152	25657	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	108857	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	72679	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	162686	5.00	ng	0.00
31) Chrysene-d12	21.76	240	259873	5.00	ng	0.00
40) Perylene-d12	24.18	264	193320	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.74	112	420	0.08	ng	0.02
5) Phenol-d6	7.38	99	482	0.07	ng	0.03
9) Nitrobenzene-d5	9.40	82	592	0.08	ng	0.04
16) 2,4,6-Tribromophenol	16.36	330	107	0.05	ng	0.02
17) 2-Fluorobiphenyl	13.51	172	1900	0.09	ng	0.02
34) Terphenyl-d14	20.22	244	3048	0.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	417	0.10	ng	98
3) n-Nitrosodimethylamine	3.85	42	333	0.08	ng	# 80
6) bis(2-Chloroethyl)ether	7.63	93	635	0.09	ng	100
7) n-Nitroso-di-n-propylamine	9.04	70	458	0.08	ng	# 92
10) Nitrobenzene	9.44	77	560	0.08	ng	# 99
11) bis(2-Chloroethoxy)methane	10.47	93	705	0.06	ng	# 1
12) Naphthalene	11.07	128	2484	0.11	ng	# 90
13) Hexachlorobutadiene	11.34	225	395	0.11	ng	99
14) 2-Methylnaphthalene	12.70	142	1532	0.10	ng	# 93
18) Acenaphthylene	14.59	152	7143	0.22	ng	# 75
19) 2,6-Dinitrotoluene	14.47	165	767	0.22	ng	# 10
20) Acenaphthene	14.92	154	2193	0.11	ng	# 1
21) 2,4-Dinitrotoluene	15.28	165	4123	0.99	ng	# 1
22) Fluorene	15.91	166	1930	0.08	ng	99
23) 4-Chlorophenyl-phenylether	15.91	204	999	0.08	ng	96
25) 4-Bromophenyl-phenylether	16.80	248	603	0.10	ng	96
26) Hexachlorobenzene	16.92	284	677	0.11	ng	98
27) Pentachlorophenol	17.28	266	78	0.03	ng	# 76
28) Phenanthrene	17.64	178	4312	0.11	ng	97
29) Anthracene	17.74	178	3254	0.10	ng	99
30) Fluoranthene	19.65	202	16558	0.41	ng	# 90
32) Benzidine	19.86	184	478	0.03	ng	# 32
33) Pyrene	20.02	202	17377	0.27	ng	# 81
35) Benzo(a)anthracene	21.79	228	10235	0.03	ng	# 90
36) 3,3'-Dichlorobenzidine	21.70	252	588	0.03	ng	# 89
37) Chrysene	21.79	228	10449	0.04	ng	98
38) Bis(2-ethylhexyl)phthalate	21.67	149	2811	0.08	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	19028	0.24	ng	98
41) Benzo(b)fluoranthene	23.48	252	4183	0.09	ng	93
42) Benzo(k)fluoranthene	23.48	252	4322	0.09	ng	# 95
43) Benzo(a)pyrene	24.06	252	3876	0.09	ng	# 91
44) Dibenzo(a,h)anthracene	26.72	278	3861	0.09	ng	# 91
45) Benzo(a,h,i)perylene	27.47	276	16771	0.39	ng	93

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QLast Update : Tue Jun 14 14:51:32 2016
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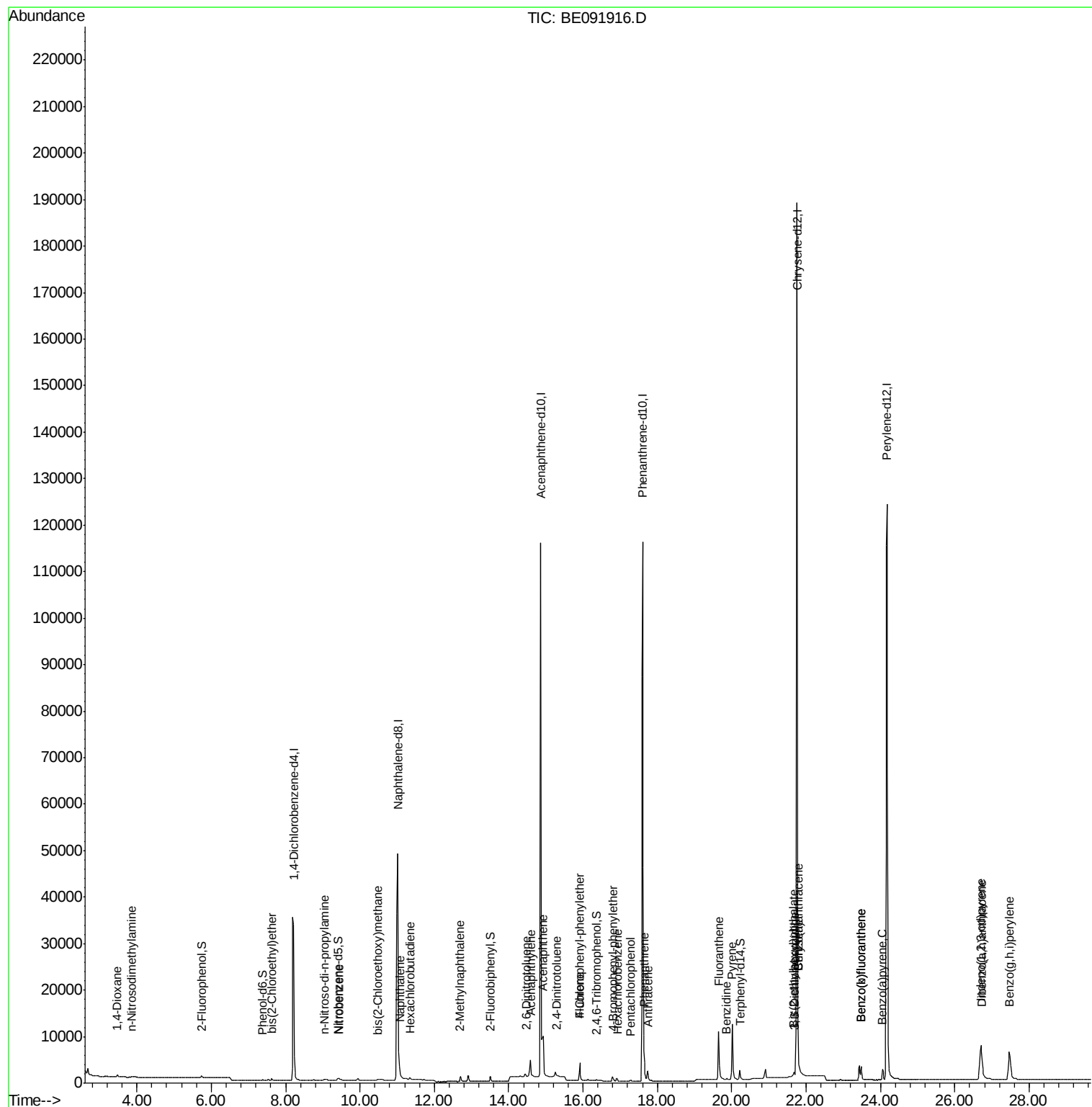
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.21 min Scan# 324

Delta R.T. 0.02 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

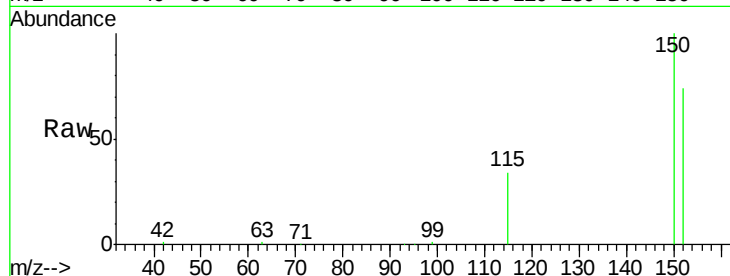
Tot Ion:152 Resp: 25657

Ion Ratio Lower Upper

152 100

150 135.1 123.9 185.9

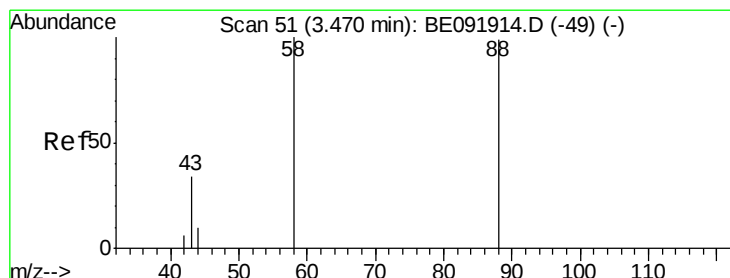
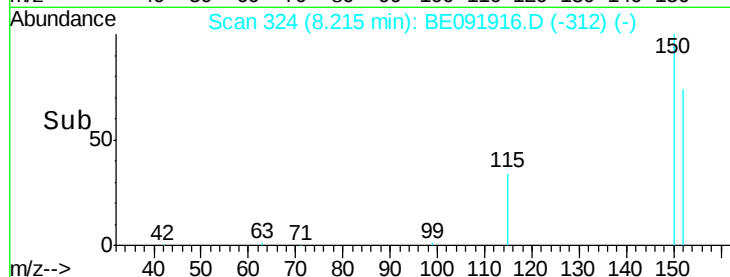
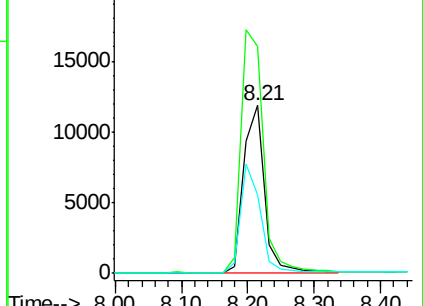
115 46.5 48.3 72.5#



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: 0.10 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

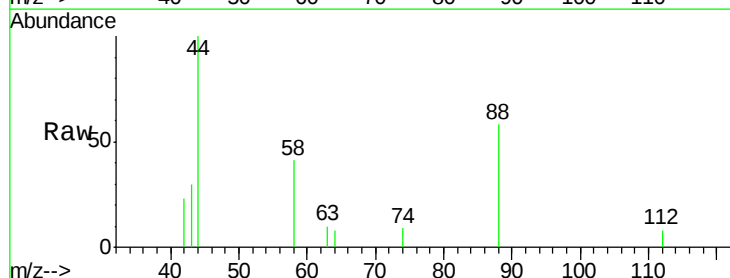
Tgt Ion: 88 Resp: 417

Ion Ratio Lower Upper

88 100

58 77.7 63.0 94.4

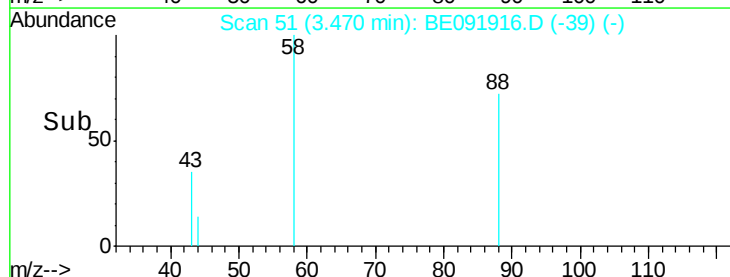
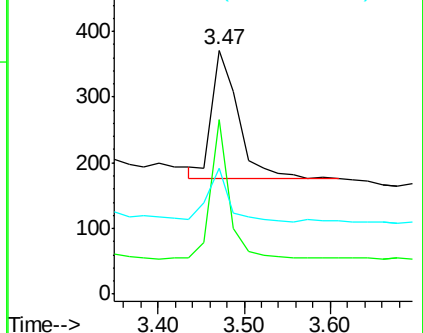
43 34.8 29.1 43.7



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: 0.08 ng

RT: 3.85 min Scan# 73

Delta R.T. 0.05 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

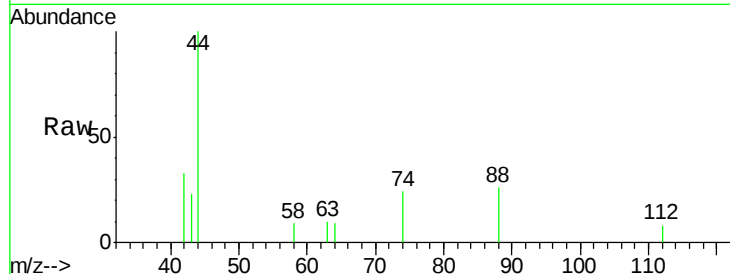
Tot Ion: 42 Resp: 333

Ion Ratio Lower Upper

42 100

74 96.7 93.4 140.0

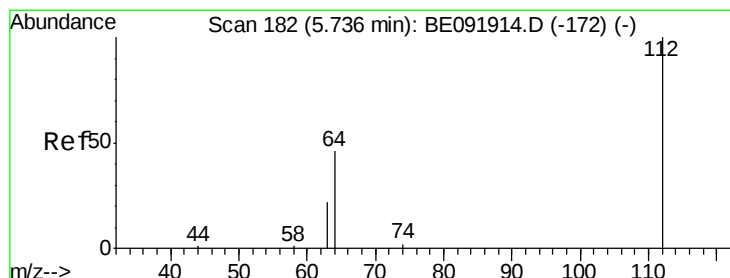
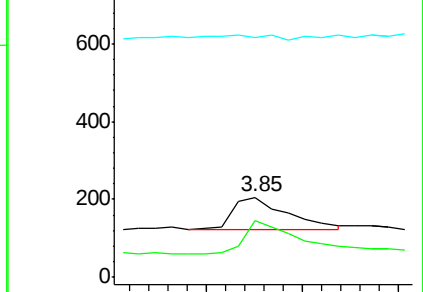
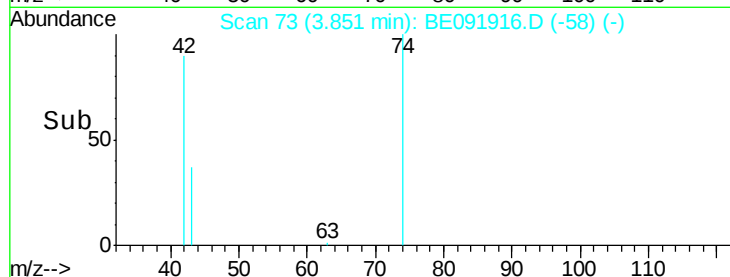
44 23.4 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.08 ng

RT: 5.74 min Scan# 182

Delta R.T. 0.02 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

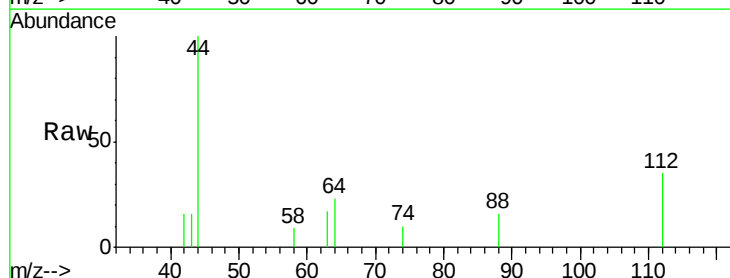
Tgt Ion: 112 Resp: 420

Ion Ratio Lower Upper

112 100

64 66.9 53.7 80.5

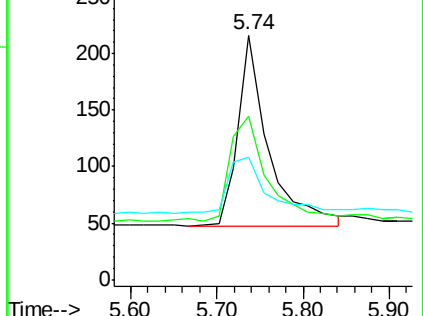
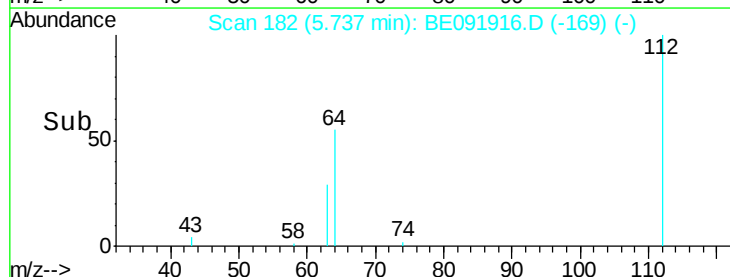
63 37.1 29.5 44.3

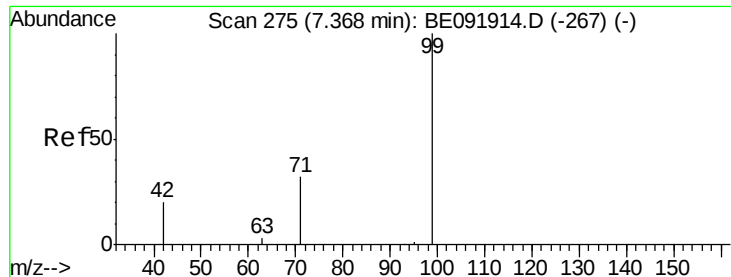


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.07 ng

RT: 7.38 min Scan# 276

Delta R.T. 0.03 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

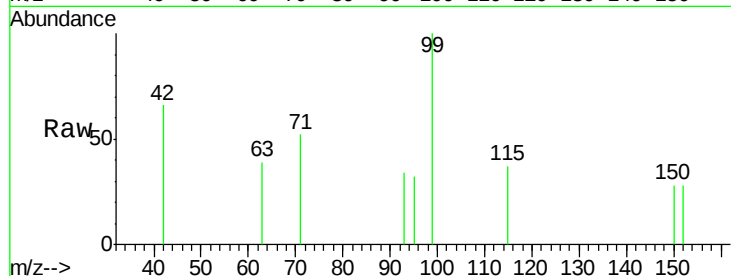
Tot Ion: 99 Resp: 482

Ion Ratio Lower Upper

99 100

42 29.3 19.6 29.4

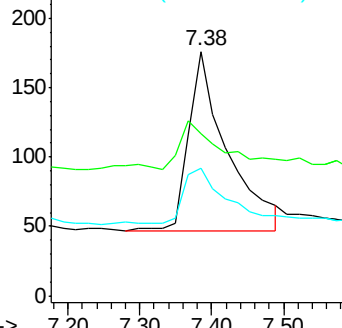
71 32.8 28.1 42.1



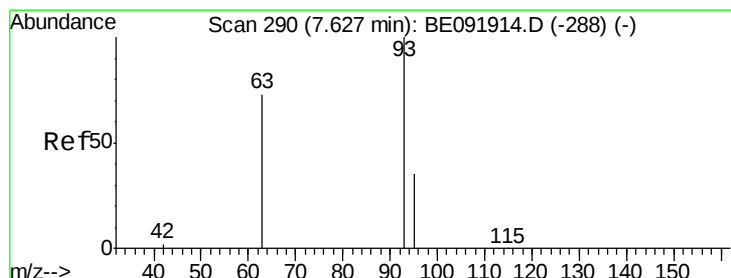
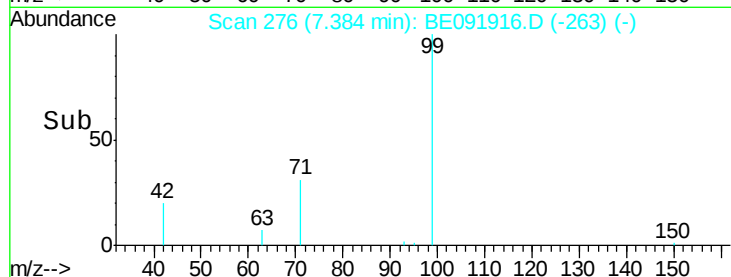
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.02 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

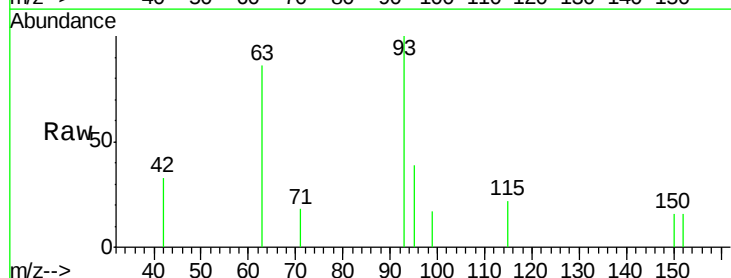
Tgt Ion: 93 Resp: 635

Ion Ratio Lower Upper

93 100

63 82.5 66.2 99.4

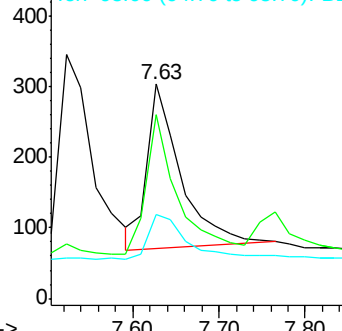
95 32.0 25.5 38.3



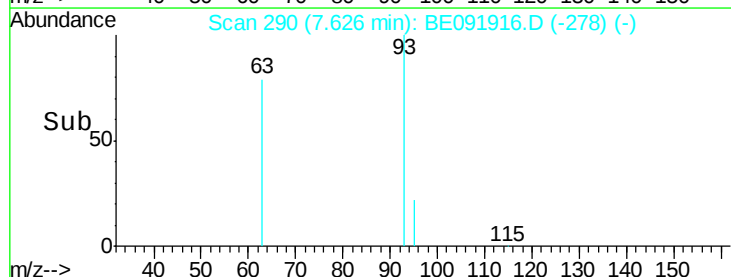
Abundance Ion 93.00 (92.70 to 93.70): BE0

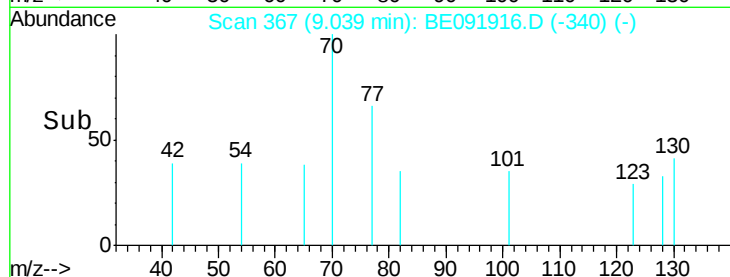
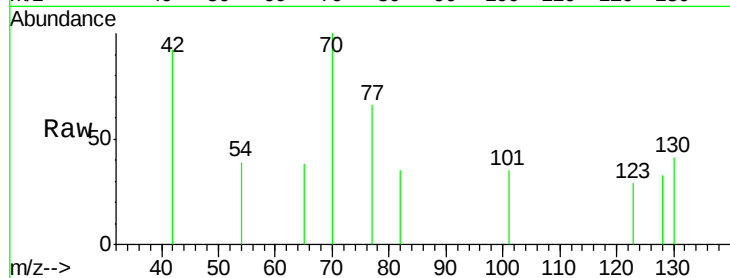
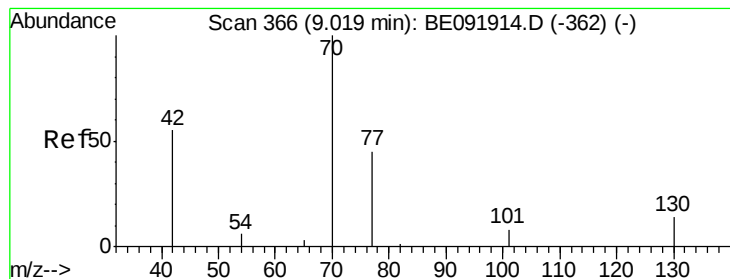
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

n-Nitroso-di-n-propylamine

Concen: 0.08 ng

RT: 9.04 min Scan# 367

Delta R.T. 0.04 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 70 Resp: 458

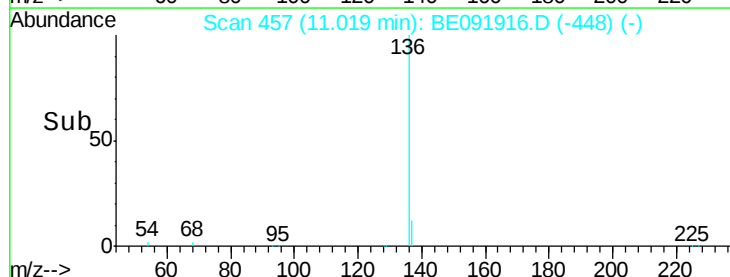
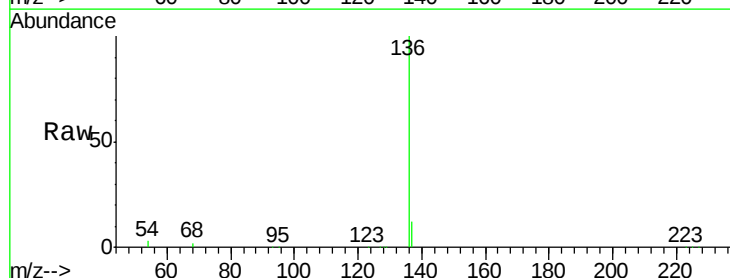
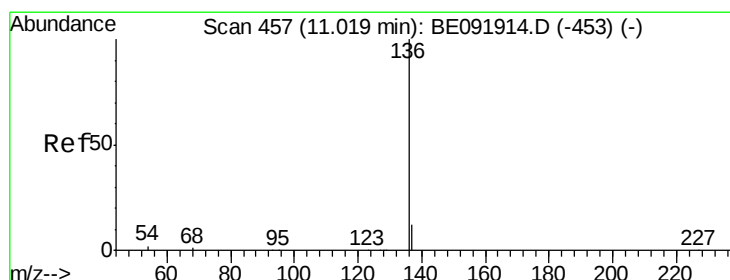
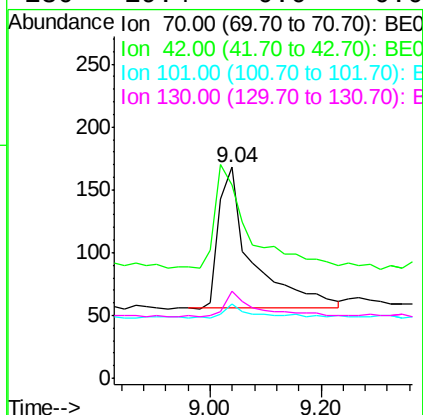
Ion Ratio Lower Upper

70 100

42 80.1 58.4 87.6

101 10.3 6.4 9.6#

130 19.4 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Tgt Ion: 136 Resp: 108857

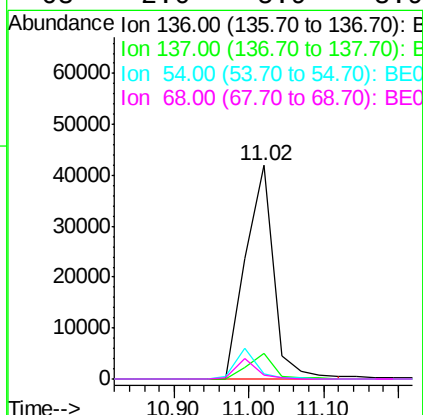
Ion Ratio Lower Upper

136 100

137 12.0 8.3 12.5

54 2.5 8.2 12.4#

68 2.0 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.08 ng

RT: 9.40 min Scan# 386

Delta R.T. 0.04 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

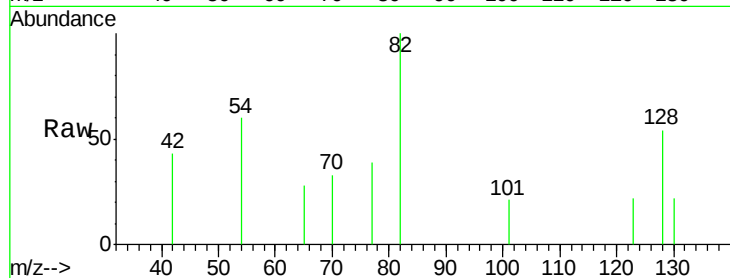
Tot Ion: 82 Resp: 592

Ion Ratio Lower Upper

82 100

128 53.7 39.5 59.3

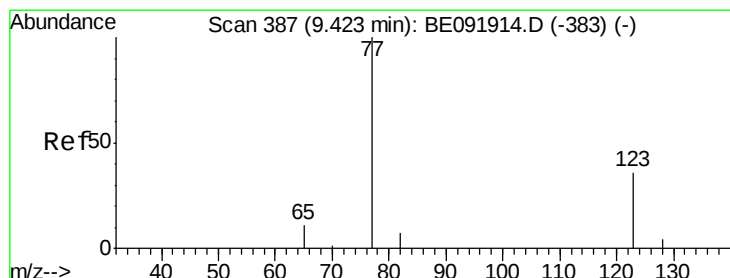
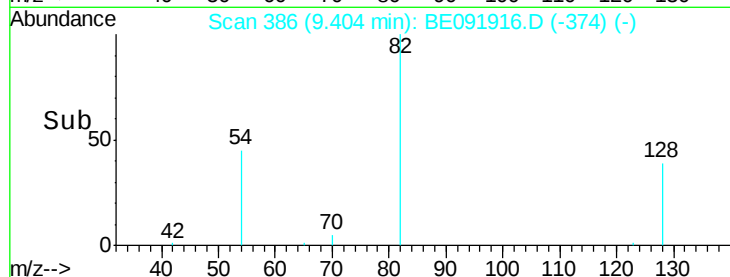
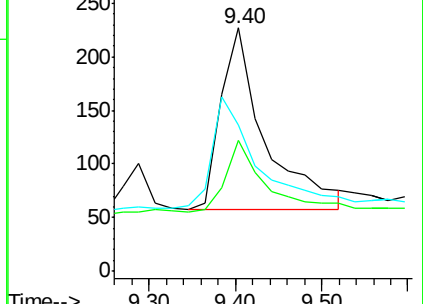
54 59.9 30.3 45.5#



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: 0.08 ng

RT: 9.44 min Scan# 388

Delta R.T. 0.04 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

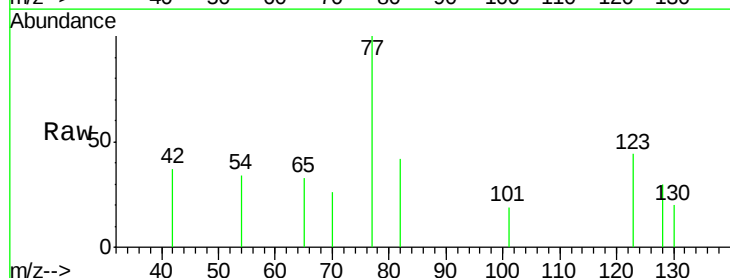
Tgt Ion: 77 Resp: 560

Ion Ratio Lower Upper

77 100

123 37.9 0.0 0.0#

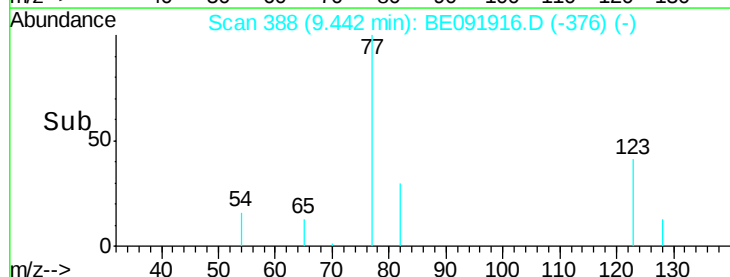
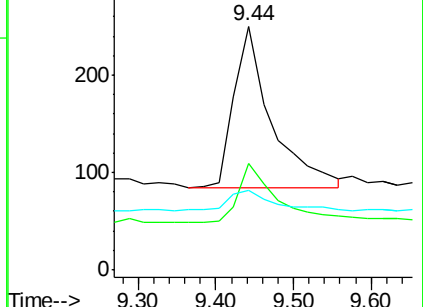
65 14.3 11.1 16.7

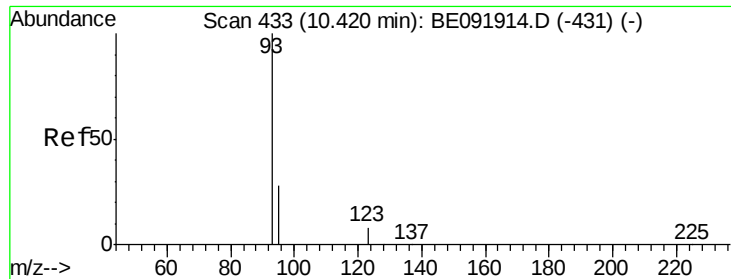


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

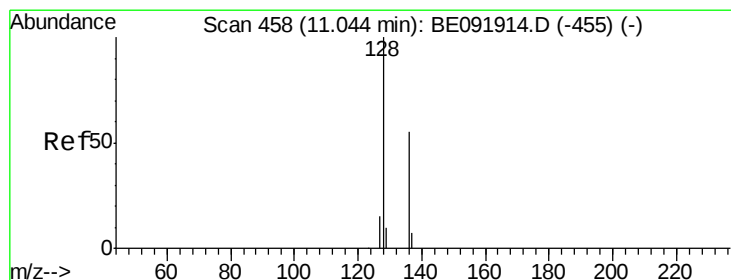
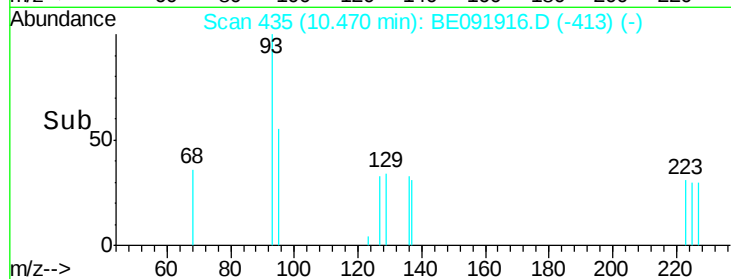
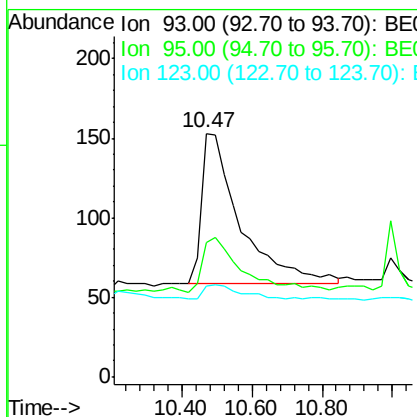
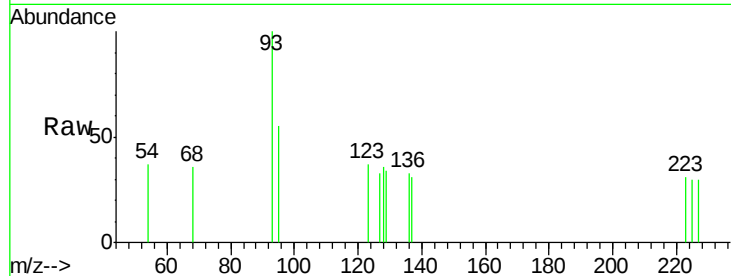




#11
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.47 min Scan# 435
Delta R.T. 0.05 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

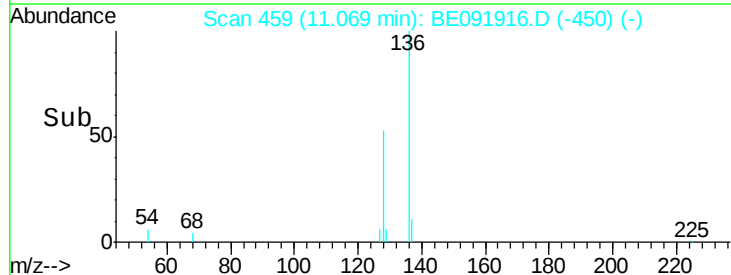
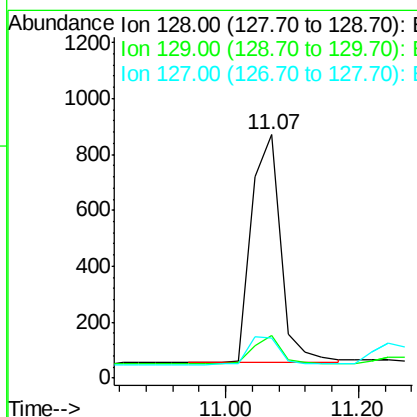
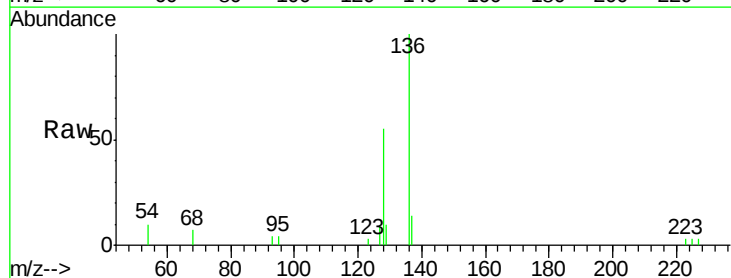
Instrument :
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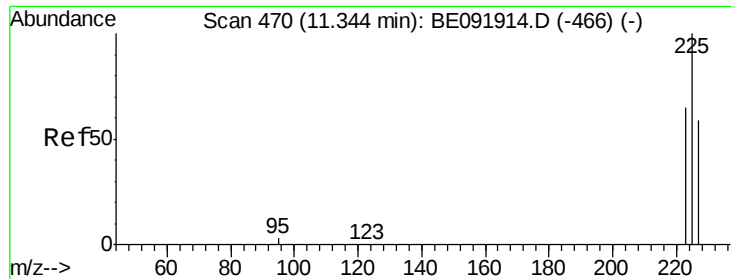
Tot Ion: 93 Resp: 705
Ion Ratio Lower Upper
93 100
95 0.0 57.6 86.4#
123 0.0 100.2 150.4#



#12
Naphthalene
Concen: 0.11 ng
RT: 11.07 min Scan# 459
Delta R.T. 0.03 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Tgt Ion: 128 Resp: 2484
Ion Ratio Lower Upper
128 100
129 17.3 10.4 15.6#
127 16.4 10.2 15.2#

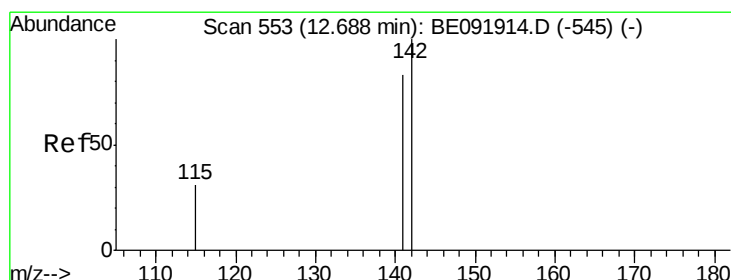
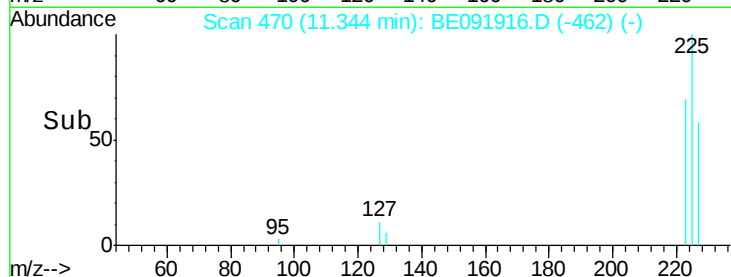
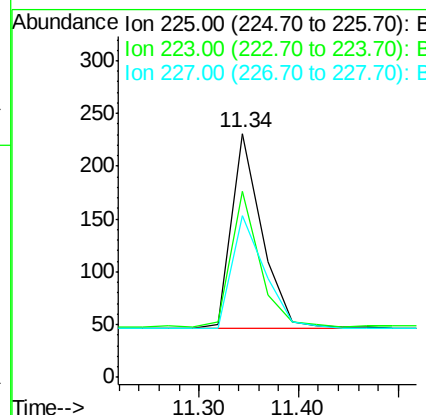
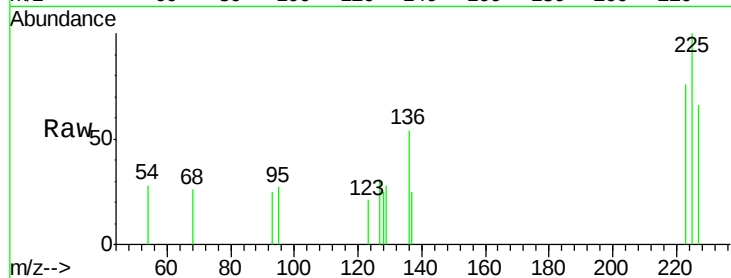




#13
Hexachlorobutadiene
Concen: 0.11 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

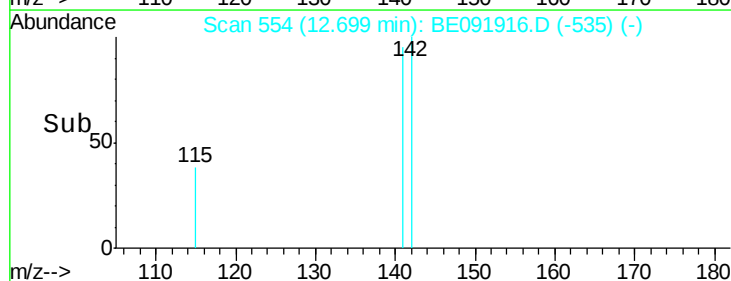
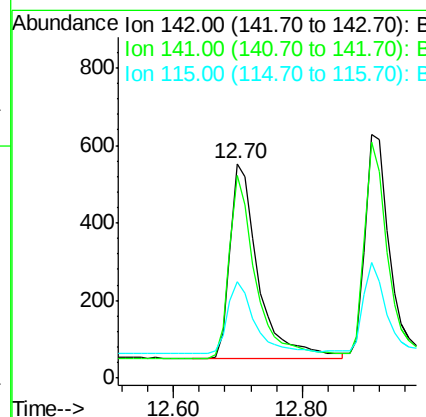
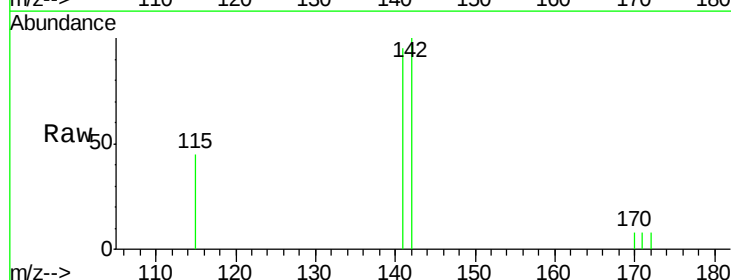
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

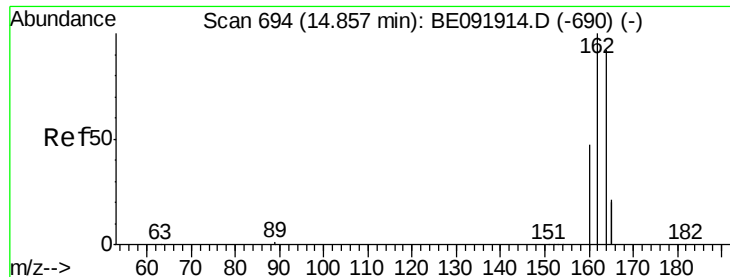
Tot Ion:225 Resp: 395
Ion Ratio Lower Upper
225 100
223 64.1 49.8 74.8
227 63.3 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.70 min Scan# 554
Delta R.T. 0.02 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Tgt Ion:142 Resp: 1532
Ion Ratio Lower Upper
142 100
141 94.8 71.9 107.9
115 45.0 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: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

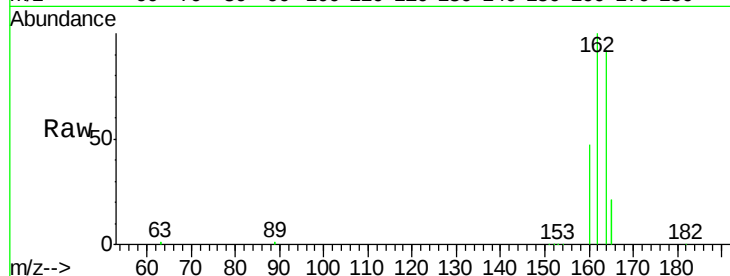
Tot Ion:164 Resp: 72679

Ion Ratio Lower Upper

164 100

162 109.2 71.8 107.8#

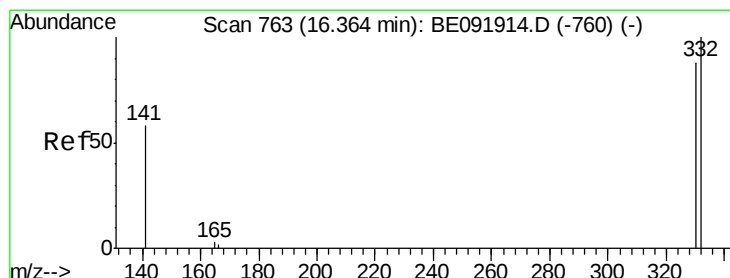
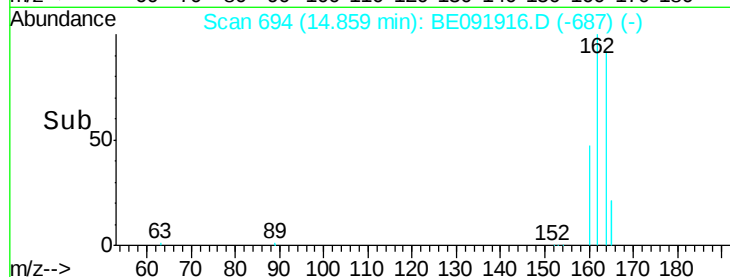
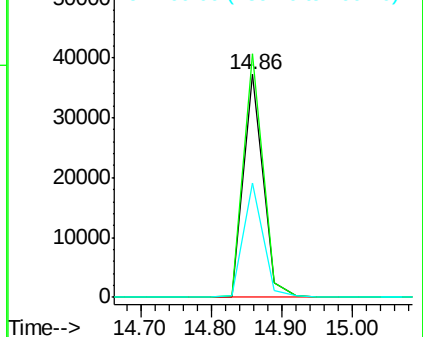
160 51.6 28.0 42.0#



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: 0.05 ng

RT: 16.36 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

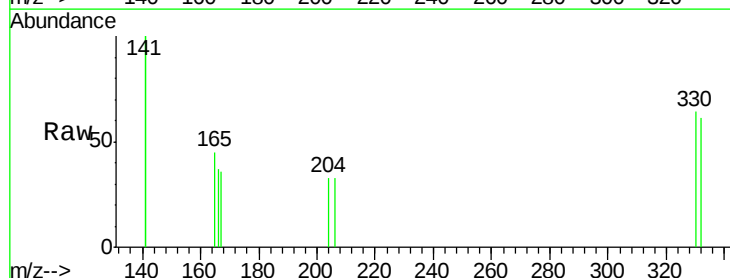
Tgt Ion:330 Resp: 107

Ion Ratio Lower Upper

330 100

332 90.7 77.0 115.6

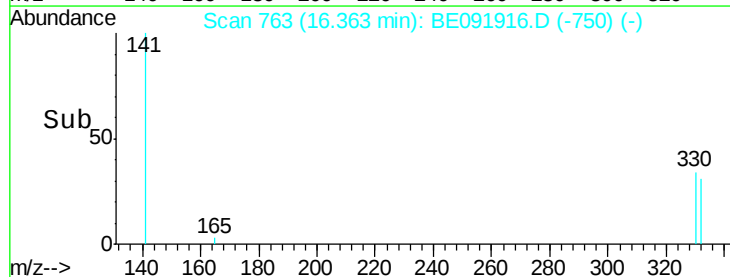
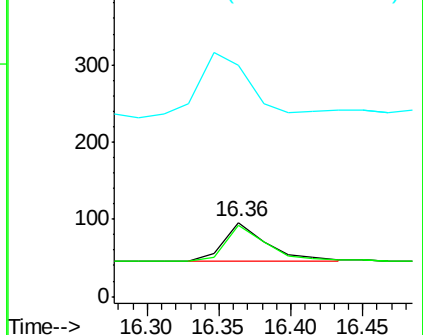
141 172.9 138.4 207.6

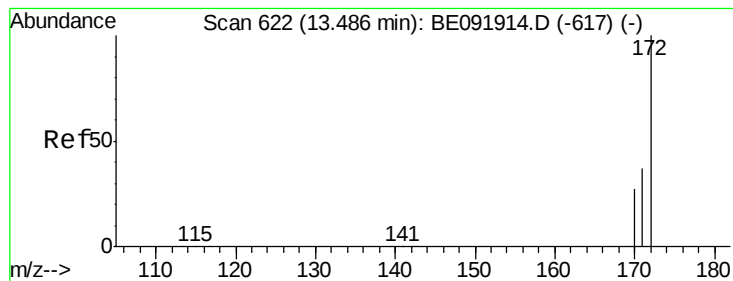


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

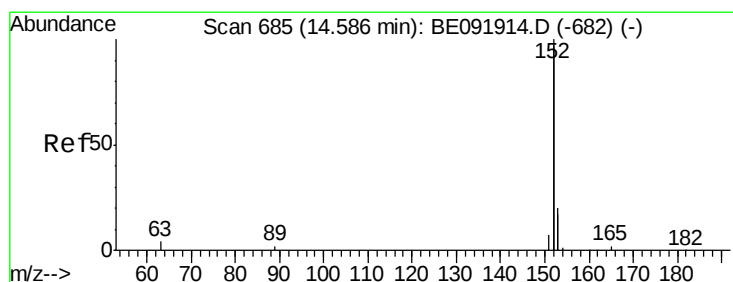
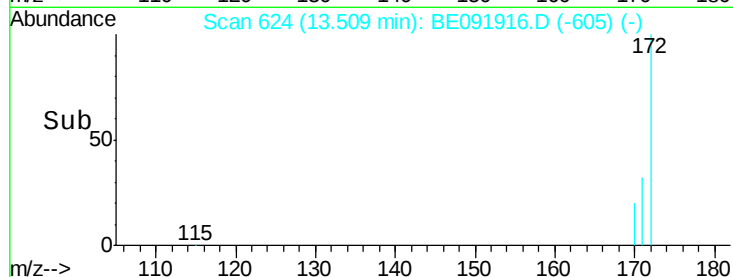
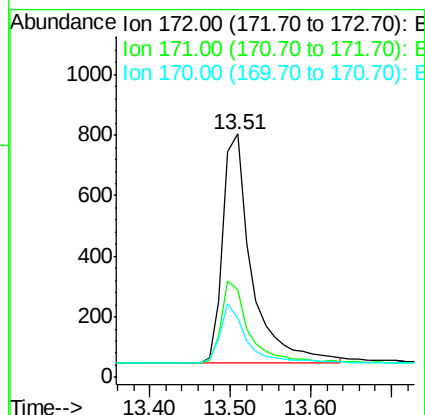
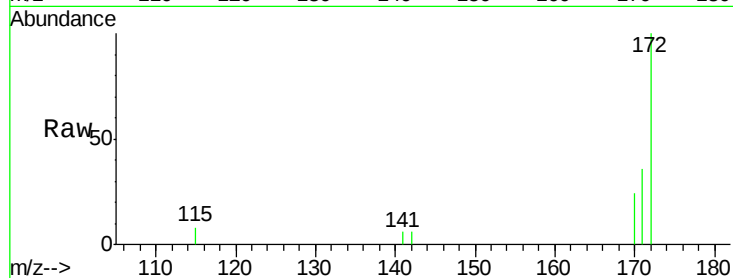




#17
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 13.51 min Scan# 624
Delta R.T. 0.02 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

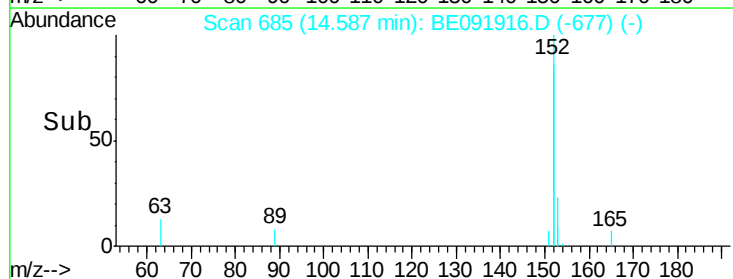
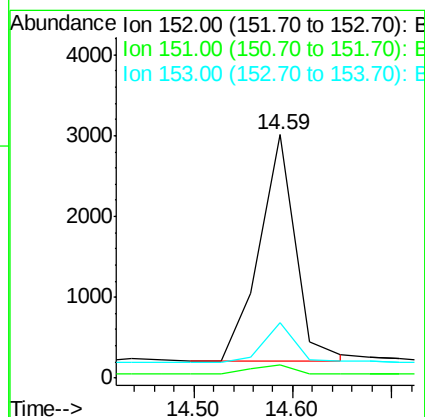
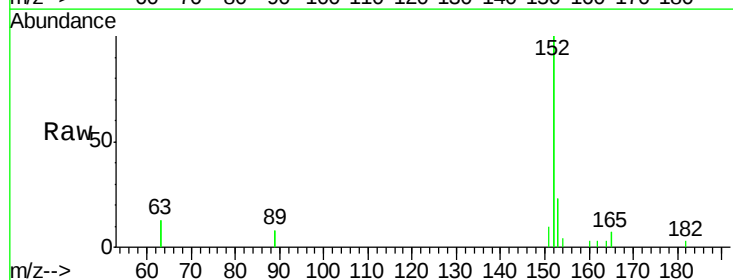
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

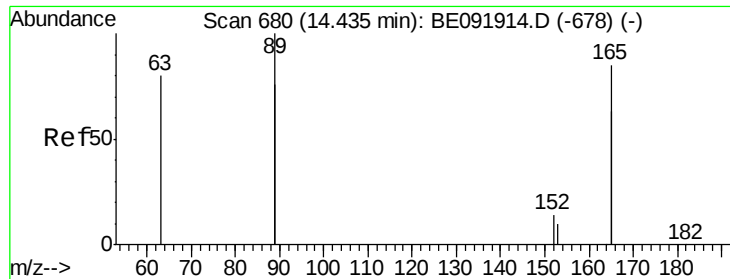
Tot Ion:172 Resp: 1900
Ion Ratio Lower Upper
172 100
171 35.9 24.3 36.5
170 24.3 14.9 22.3#



#18
Acenaphthylene
Concen: 0.22 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Tgt Ion:152 Resp: 7143
Ion Ratio Lower Upper
152 100
151 4.8 19.4 29.2#
153 15.0 14.4 21.6

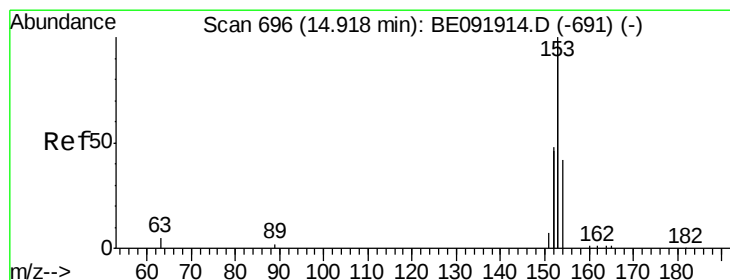
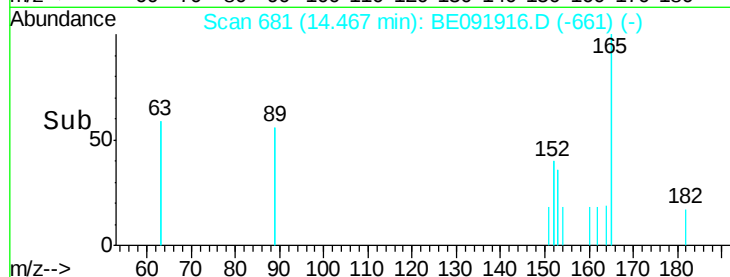
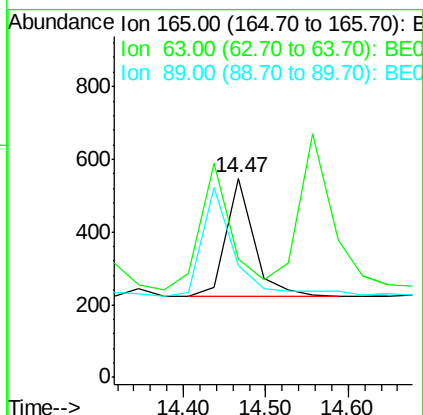
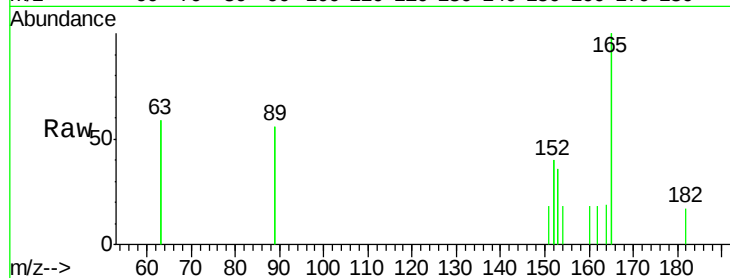




#19
2,6-Dinitrotoluene
Concen: 0.22 ng
RT: 14.47 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

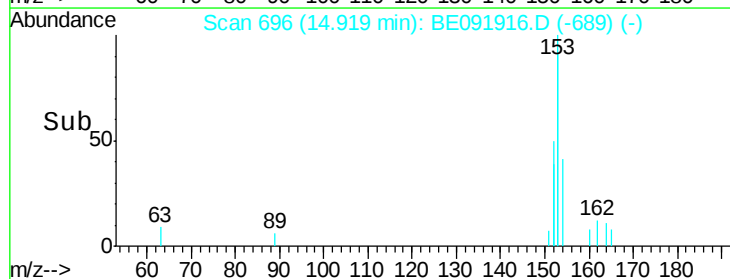
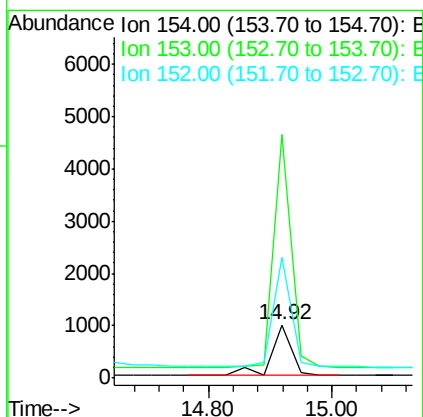
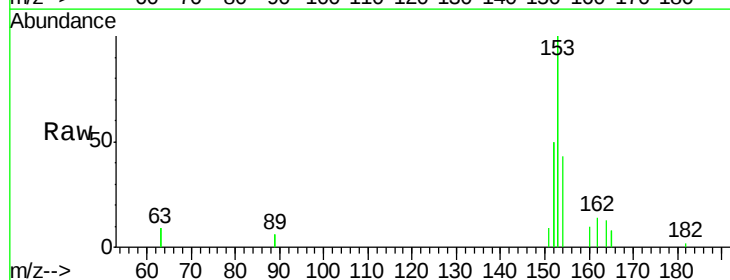
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

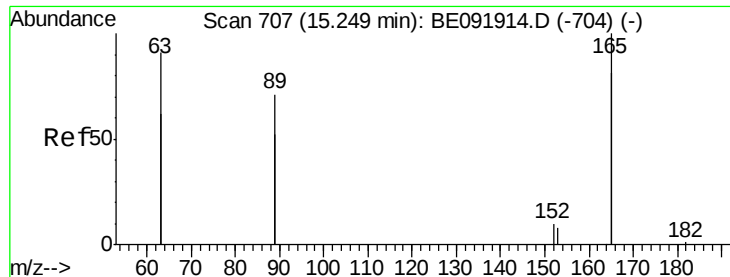
Tot Ion:165 Resp: 767
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 0.0 59.1 88.7#



#20
Acenaphthene
Concen: 0.11 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Tgt Ion:154 Resp: 2193
Ion Ratio Lower Upper
154 100
153 397.6 88.1 132.1#
152 188.7 44.2 66.2#

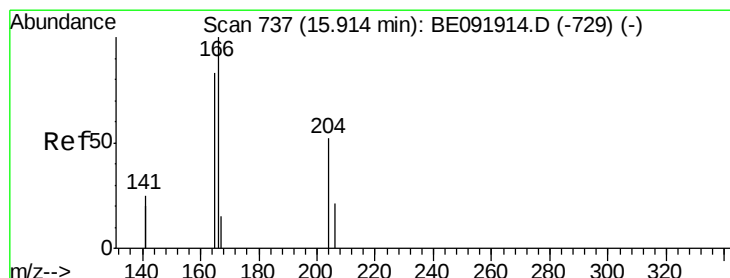
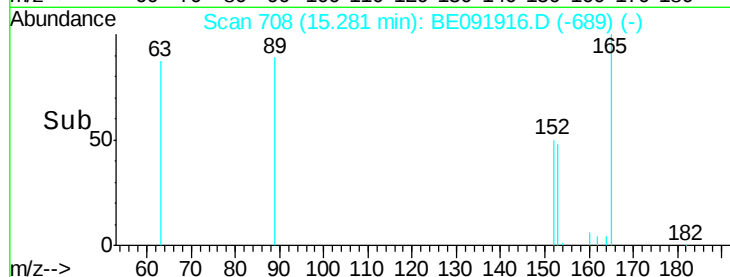
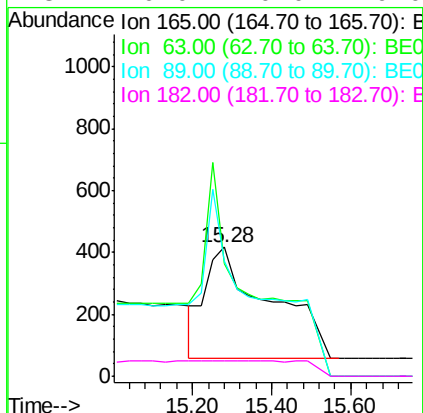
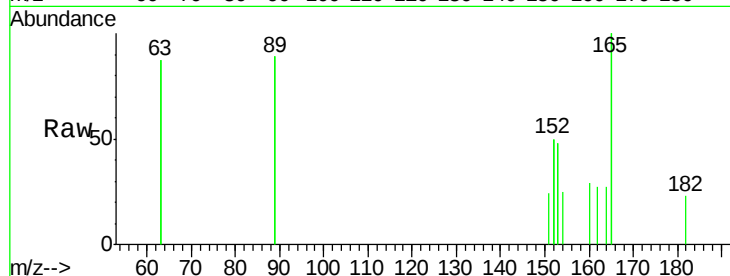




#21
2,4-Dinitrotoluene
Concen: 0.99 ng
RT: 15.28 min Scan# 708
Delta R.T. 0.06 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

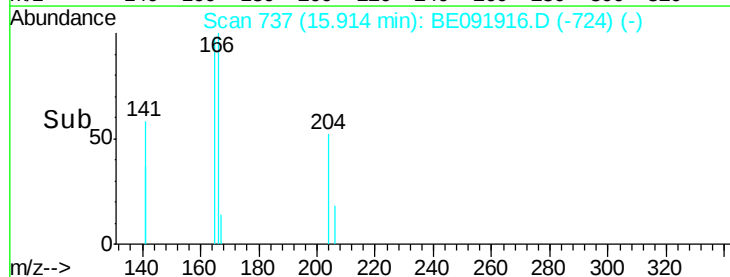
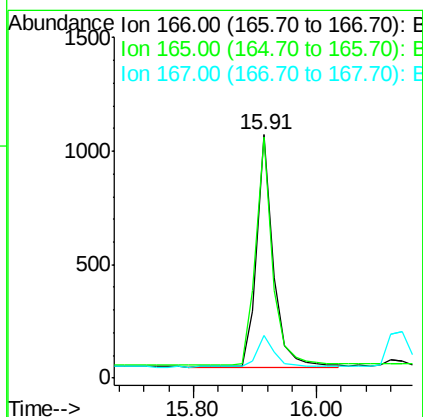
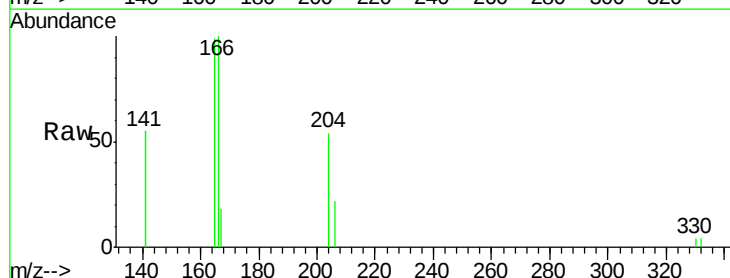
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

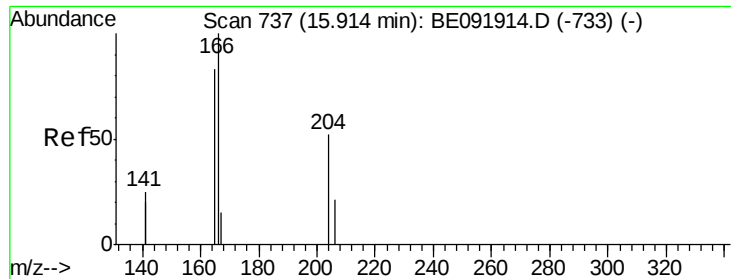
Tot Ion:165 Resp: 4123
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.08 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Tgt Ion:166 Resp: 1930
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 14.6 10.8 16.2

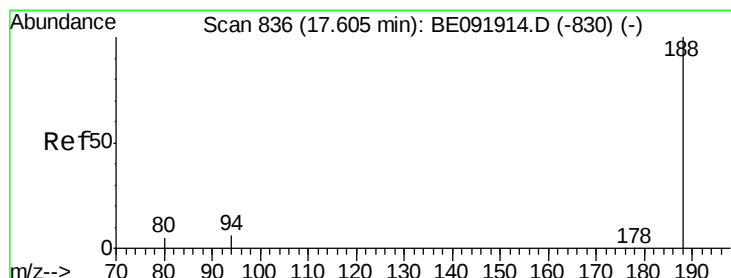
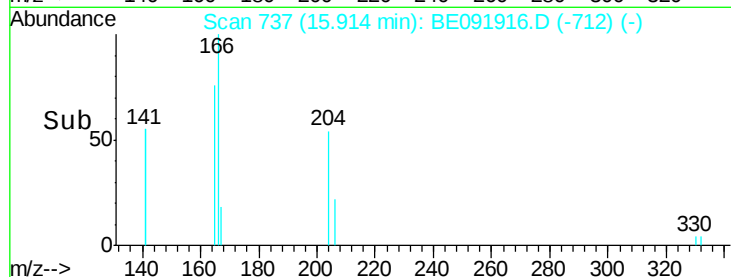
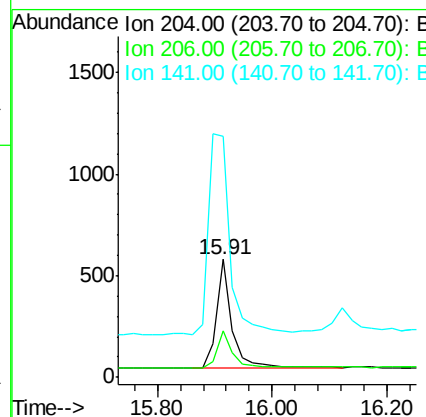
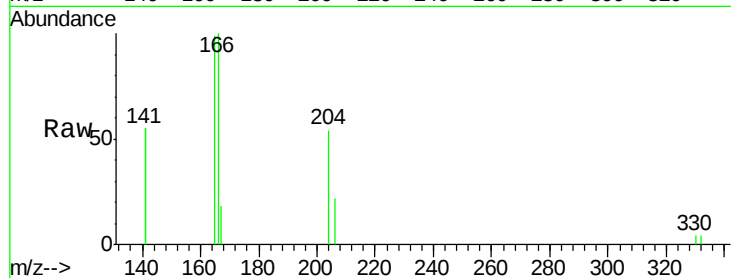




#23
4-Chlorophenyl-phenylether
Concen: 0.08 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

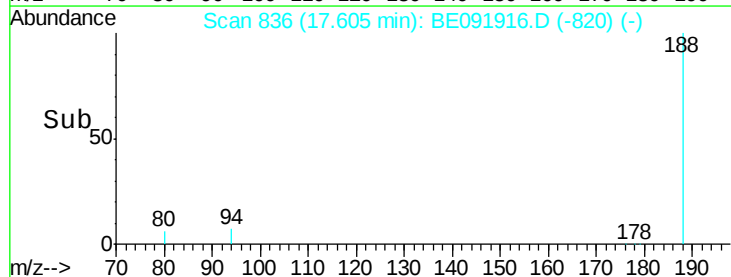
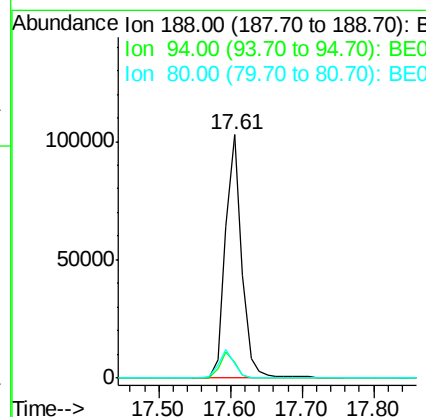
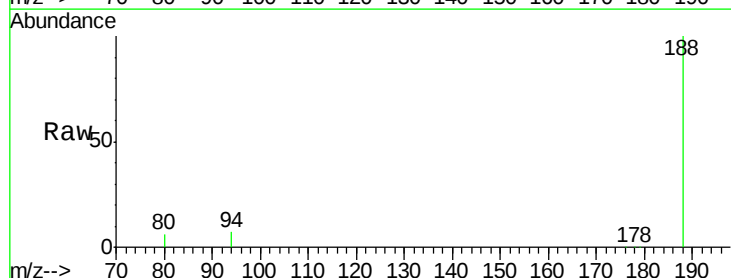
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

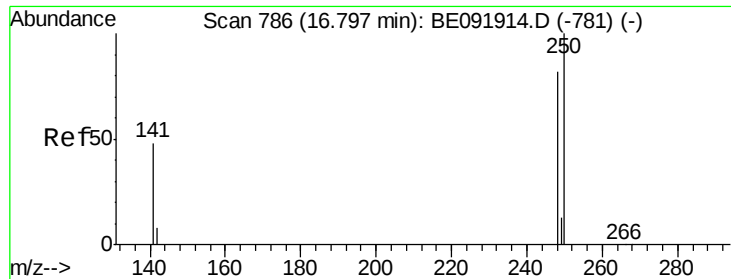
Tot Ion:204 Resp: 999
Ion Ratio Lower Upper
204 100
206 34.3 27.8 41.6
141 254.9 197.6 296.4



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Tgt Ion:188 Resp: 162686
Ion Ratio Lower Upper
188 100
94 6.7 4.1 6.1#
80 6.0 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.10 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

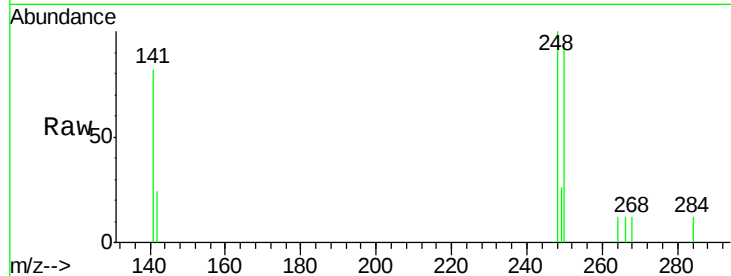
Tot Ion:248 Resp: 603

Ion Ratio Lower Upper

248 100

250 97.2 75.7 113.5

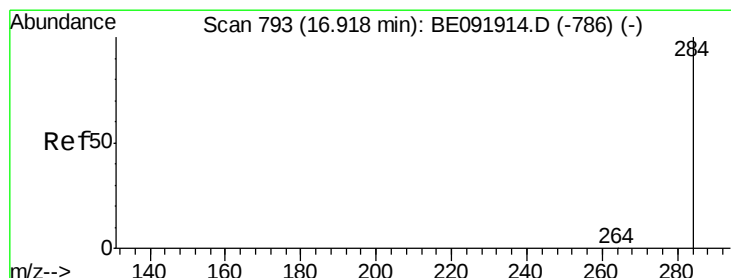
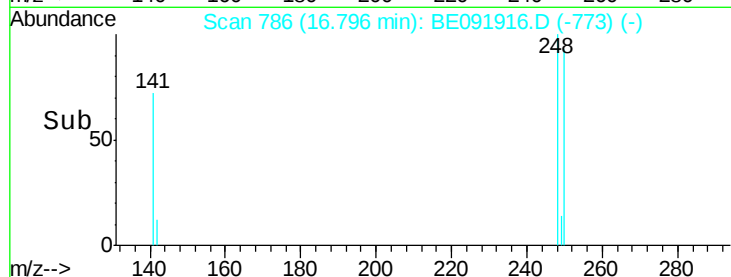
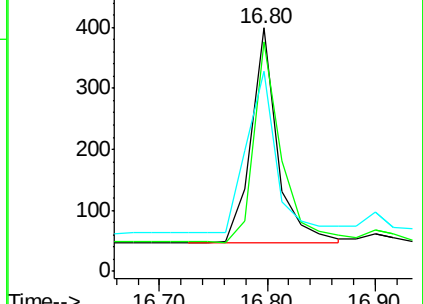
141 85.1 64.6 97.0



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: 0.11 ng

RT: 16.92 min Scan# 793

Delta R.T. -0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

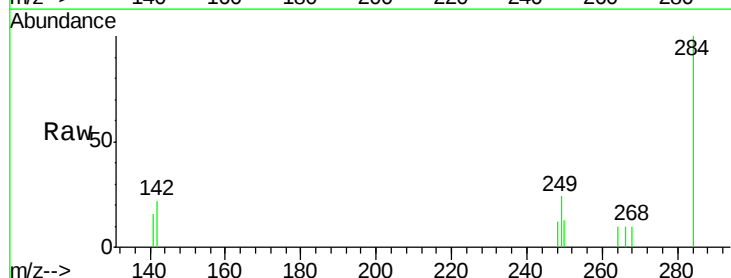
Tgt Ion:284 Resp: 677

Ion Ratio Lower Upper

284 100

142 41.5 31.4 47.2

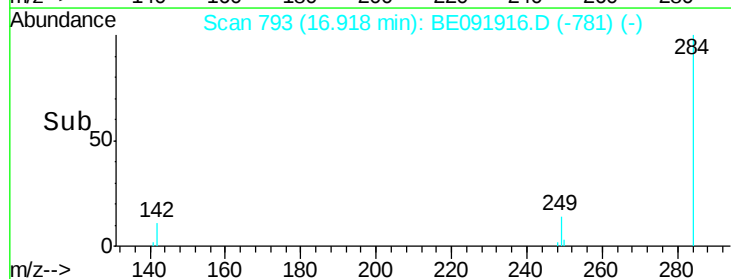
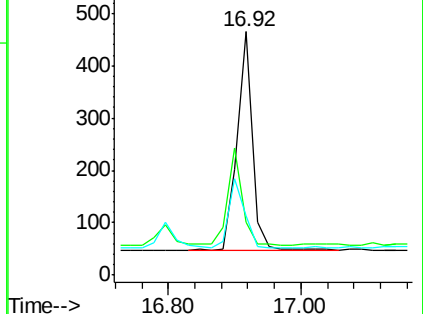
249 31.3 25.3 37.9

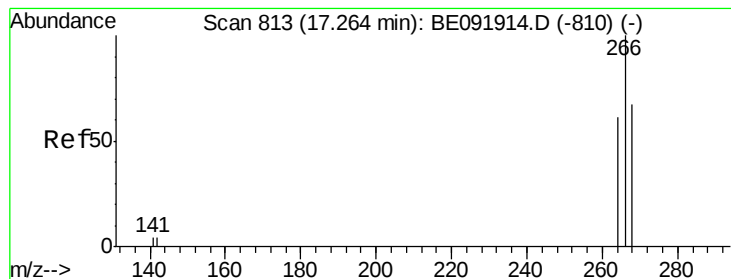


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.03 ng

RT: 17.28 min Scan# 814

Delta R.T. 0.03 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

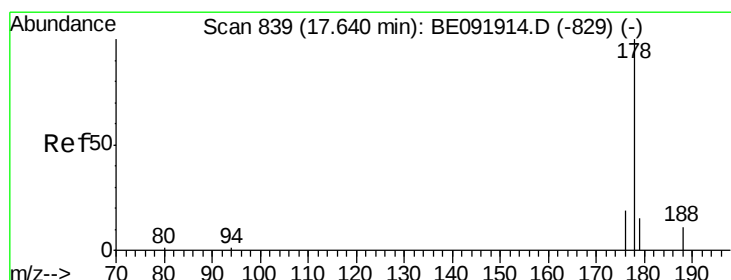
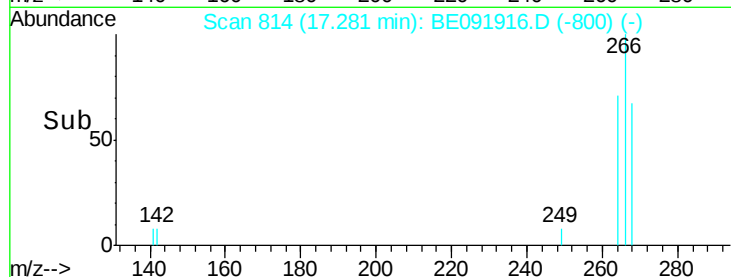
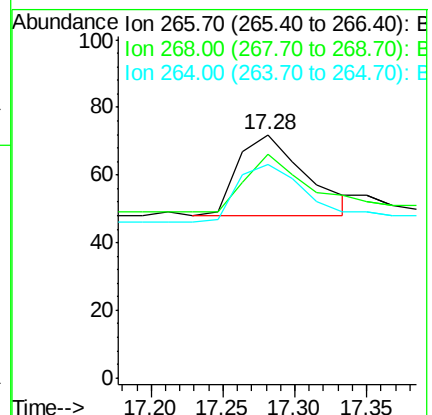
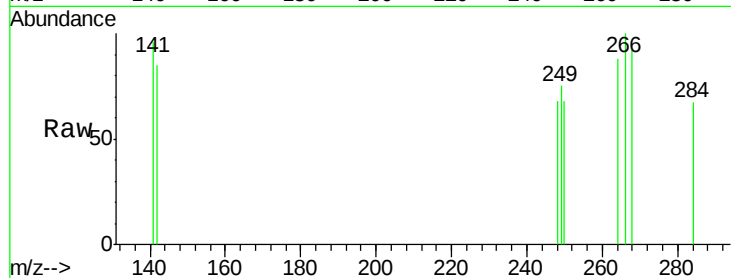
Tot Ion:266 Resp: 78

Ion Ratio Lower Upper

266 100

268 91.7 60.5 90.7#

264 87.5 51.0 76.4#



#28

Phenanthrene

Concen: 0.11 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

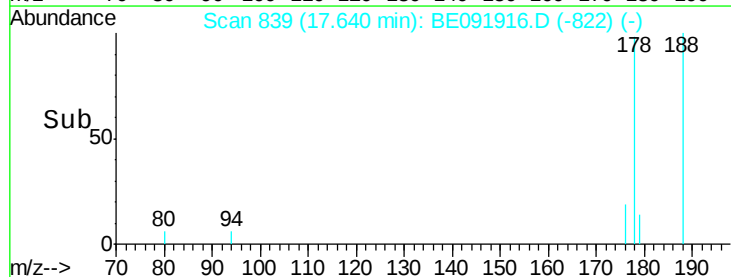
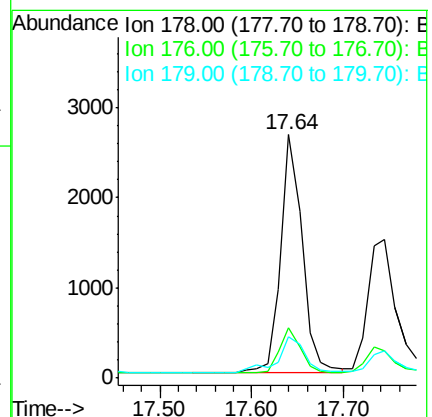
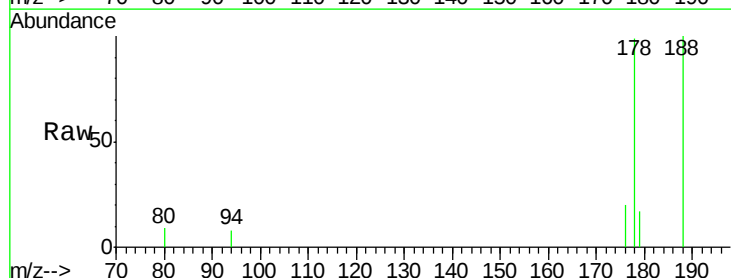
Tgt Ion:178 Resp: 4312

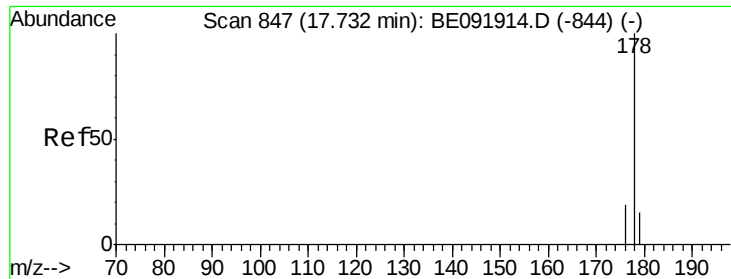
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 18.6 12.9 19.3





#29

Anthracene

Concen: 0.10 ng

RT: 17.74 min Scan# 848

Delta R.T. 0.01 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

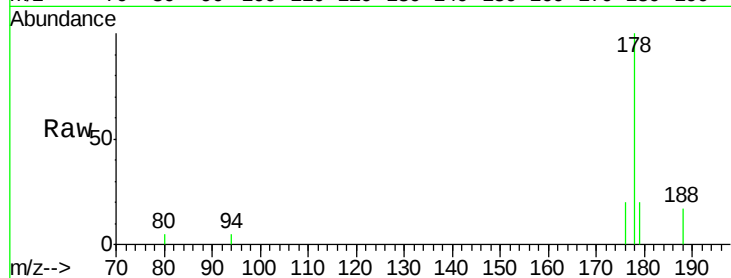
Tot Ion:178 Resp: 3254

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

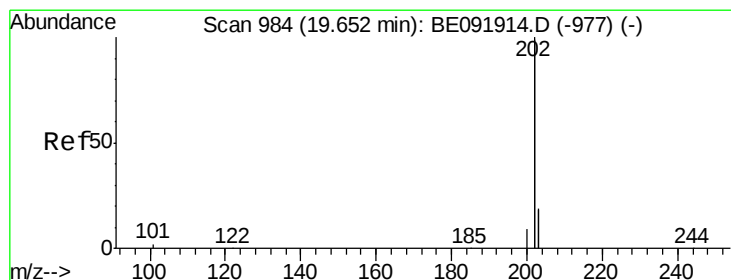
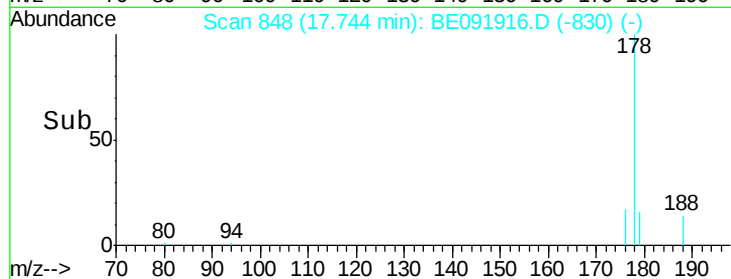
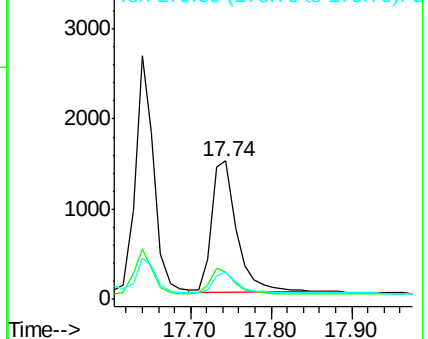
179 14.8 12.1 18.1



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: 0.41 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

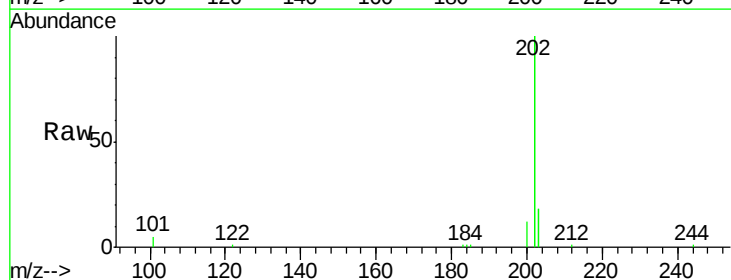
Tgt Ion:202 Resp: 16558

Ion Ratio Lower Upper

202 100

101 2.6 9.4 14.0#

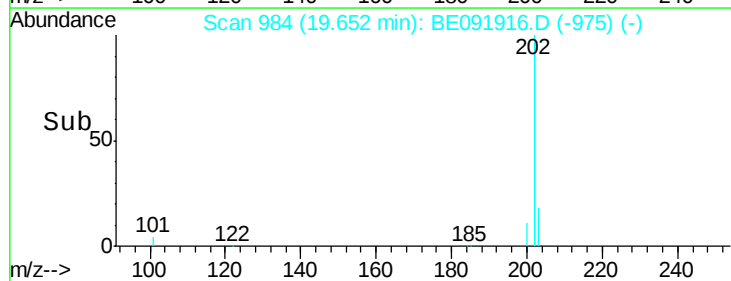
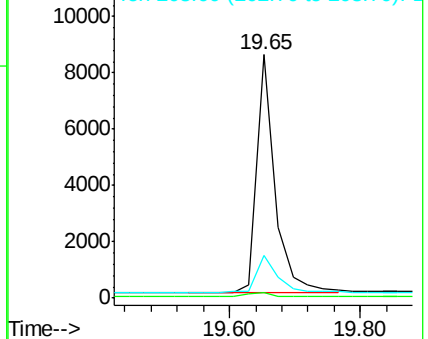
203 17.7 14.3 21.5



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

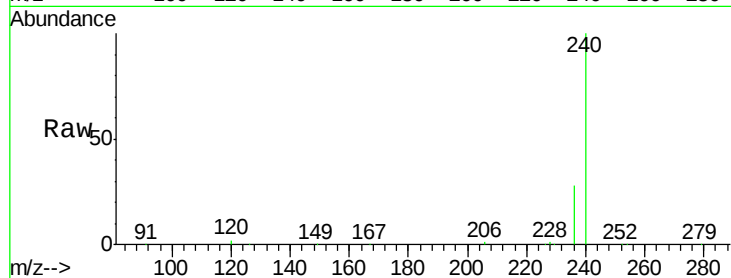




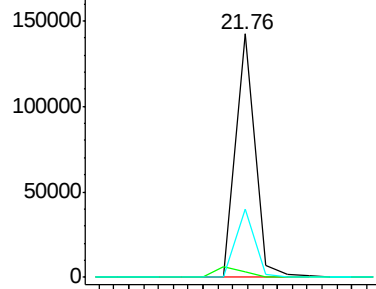
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

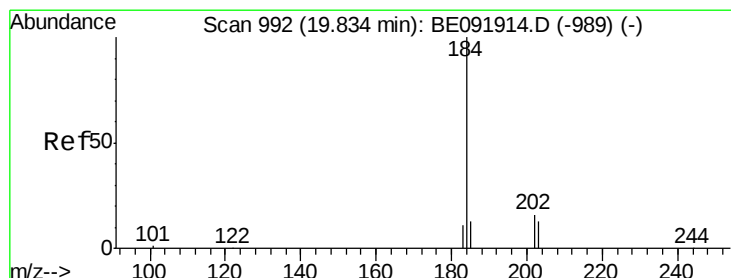
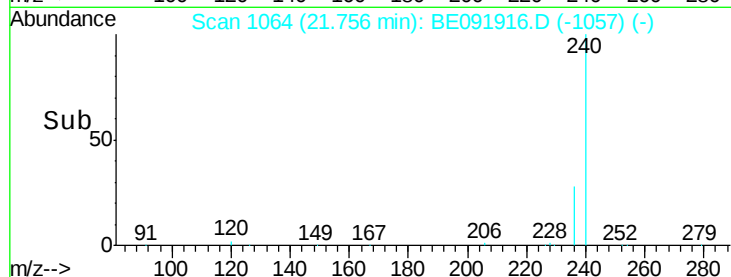
Tot Ion:240 Resp: 259873
Ion Ratio Lower Upper
240 100
120 2.4 1.2 1.8#
236 27.9 19.8 29.8



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

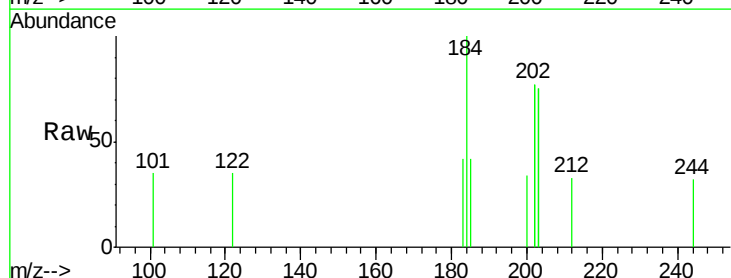


Time-->

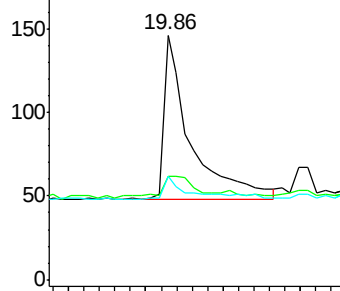


#32
Benzidine
Concen: 0.03 ng
RT: 19.86 min Scan# 993
Delta R.T. 0.02 min
Lab File: BE091916.D
Acq: 14 Jun 2016 17:41

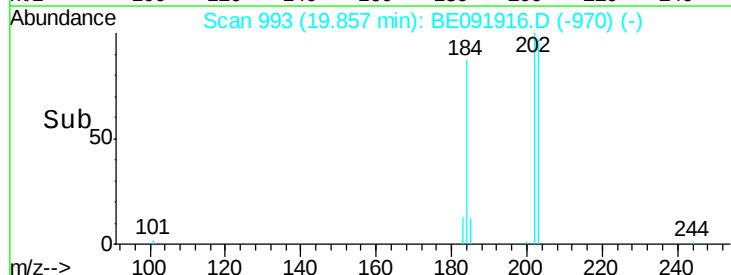
Tgt Ion:184 Resp: 478
Ion Ratio Lower Upper
184 100
185 42.5 11.4 17.2#
183 42.5 11.8 17.6#

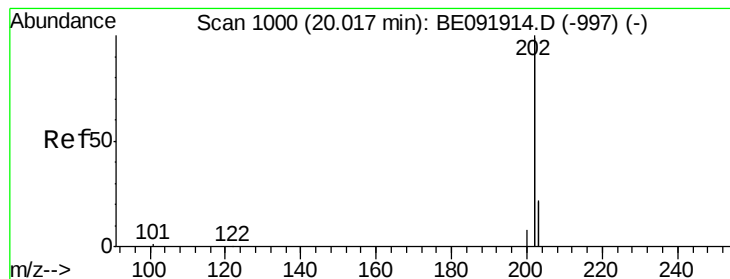


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





#33

Pvrene

Concen: 0.27 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

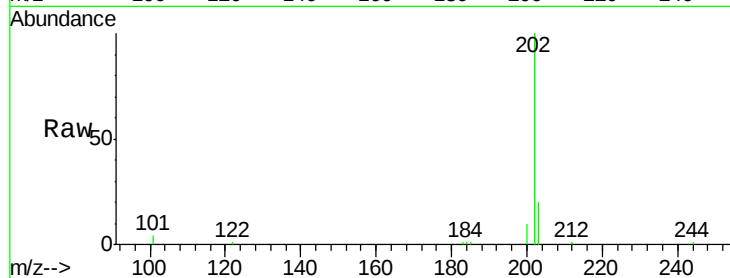
Tot Ion:202 Resp: 17377

Ion Ratio Lower Upper

202 100

200 5.2 16.9 25.3#

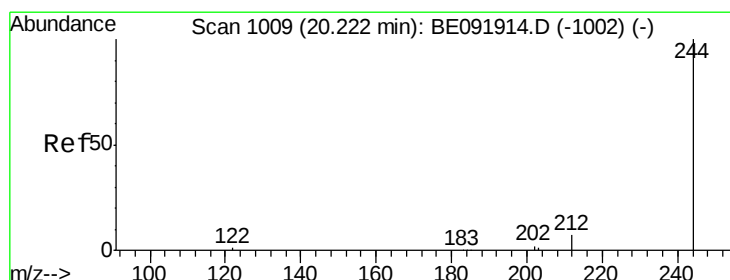
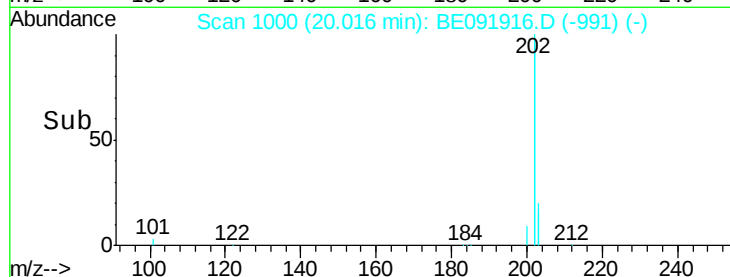
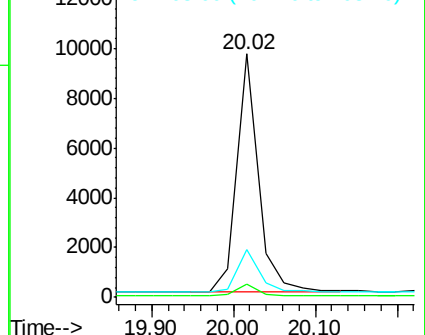
203 18.5 14.1 21.1



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: 0.07 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

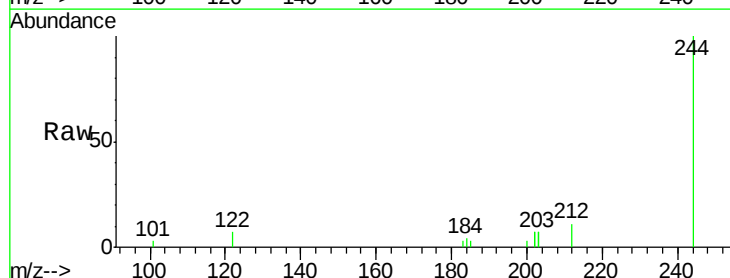
Tgt Ion:244 Resp: 3048

Ion Ratio Lower Upper

244 100

212 10.6 6.5 9.7#

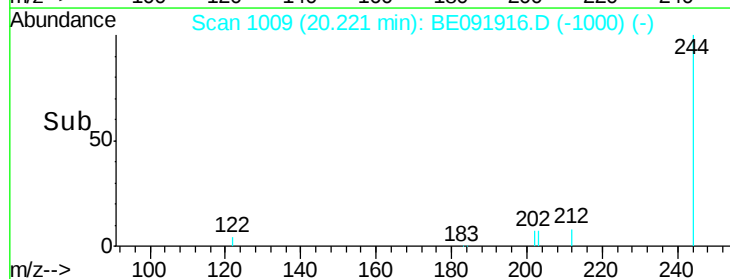
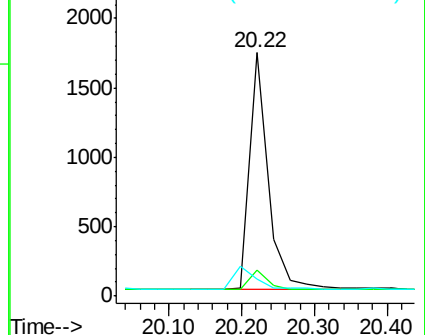
122 7.1 2.9 4.3#

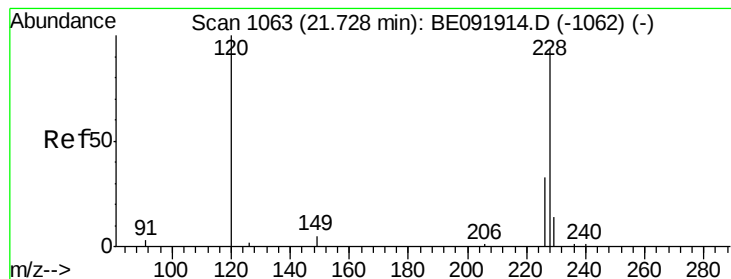


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

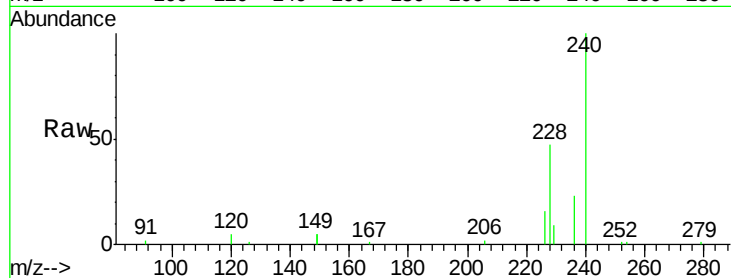
Tot Ion:228 Resp: 10235

Ion Ratio Lower Upper

228 100

226 34.6 21.0 31.4#

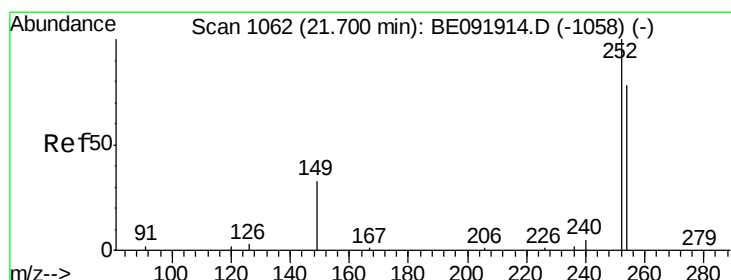
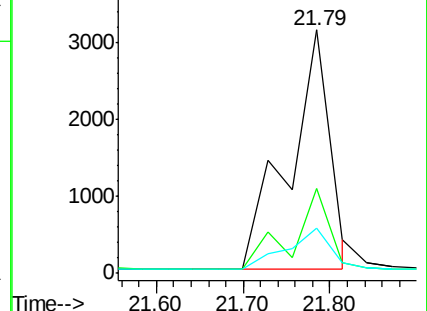
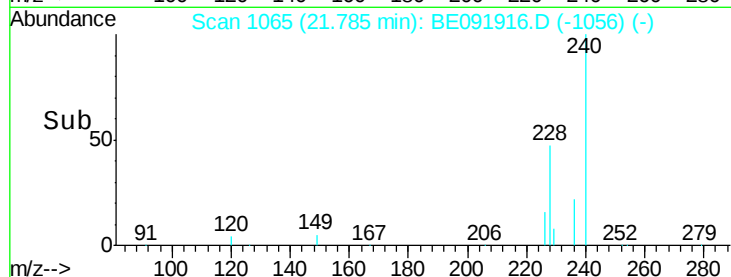
229 18.8 15.8 23.8



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: 0.03 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.03 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

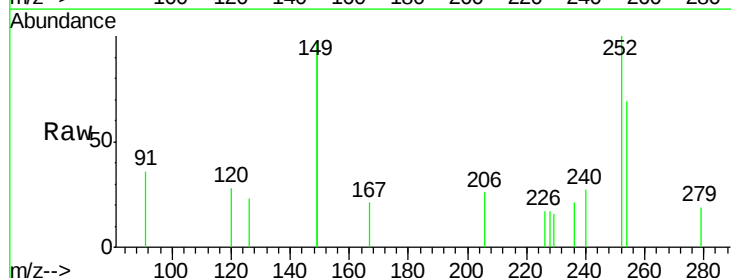
Tgt Ion:252 Resp: 588

Ion Ratio Lower Upper

252 100

254 69.0 61.5 92.3

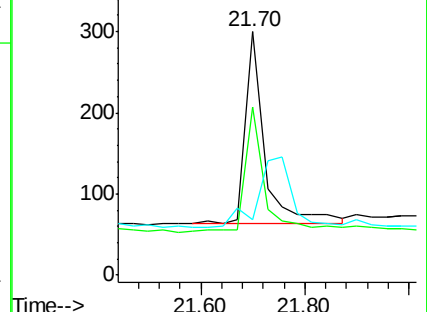
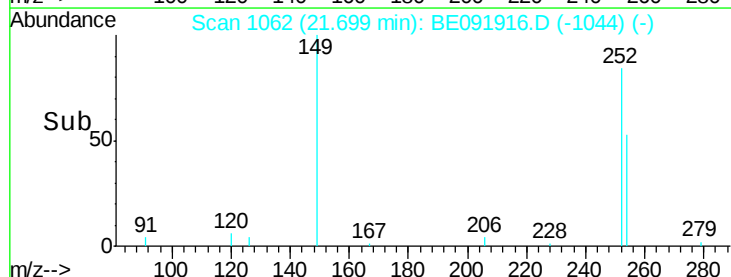
126 22.7 2.5 3.7#

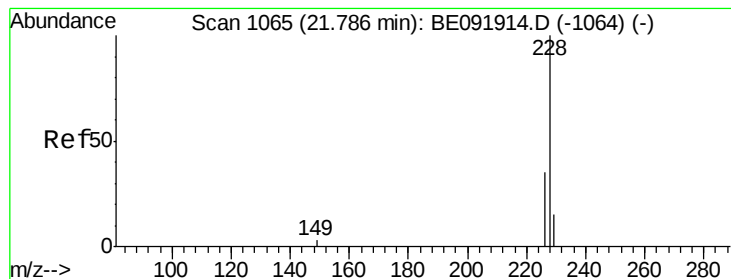


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.04 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

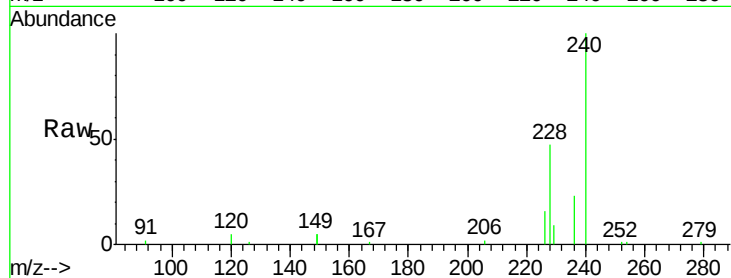
Tot Ion:228 Resp: 10449

Ion Ratio Lower Upper

228 100

226 34.6 27.0 40.6

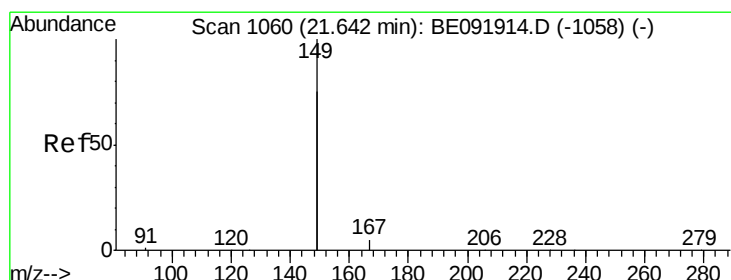
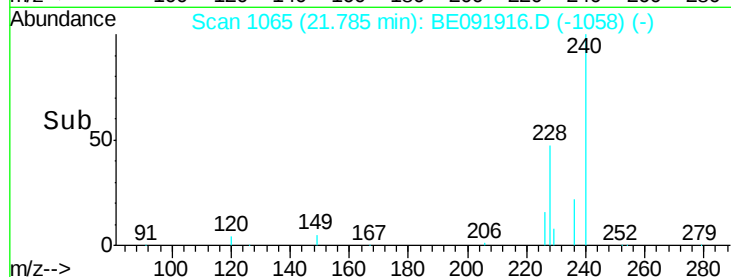
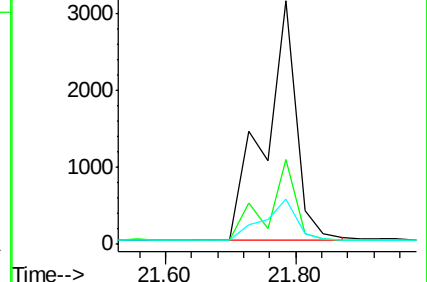
229 18.8 13.8 20.8



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: 0.08 ng

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

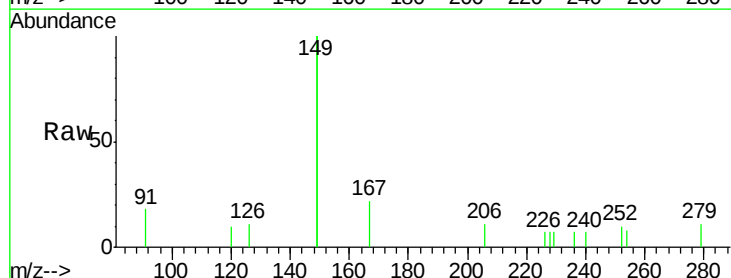
Tgt Ion:149 Resp: 2811

Ion Ratio Lower Upper

149 100

167 7.9 0.0 0.0#

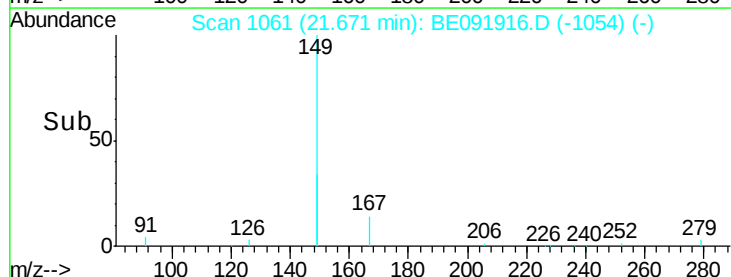
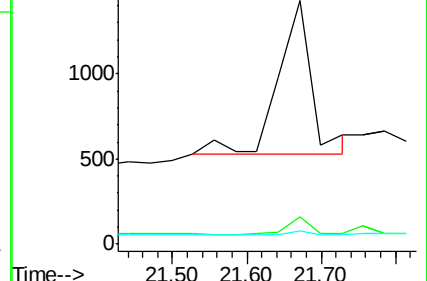
279 2.2 0.0 0.0#

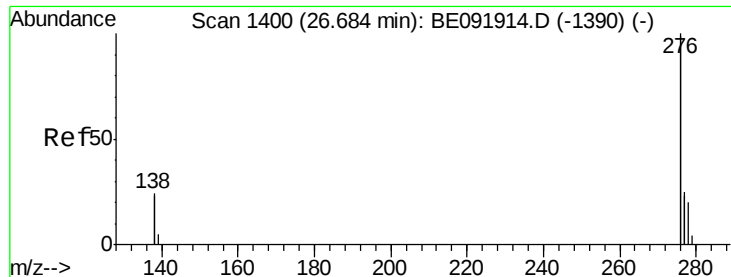


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.24 ng

RT: 26.70 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

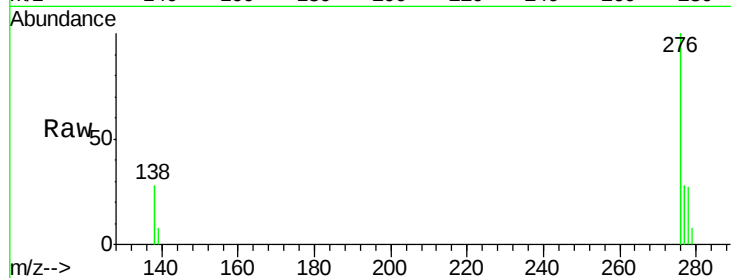
Tot Ion:276 Resp: 19028

Ion Ratio Lower Upper

276 100

138 26.1 19.7 29.5

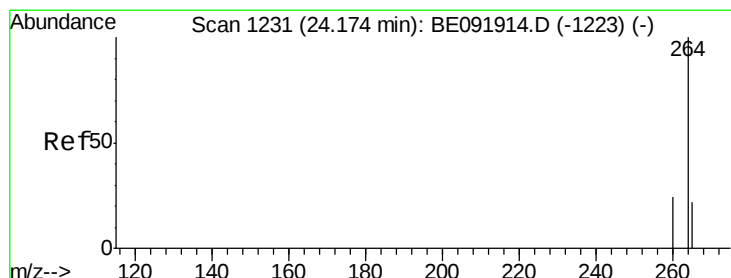
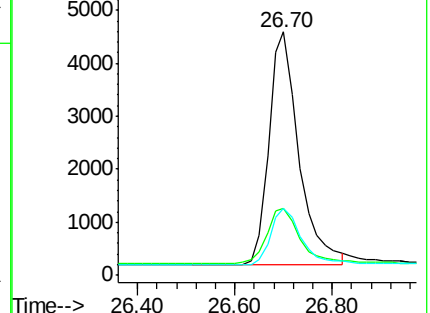
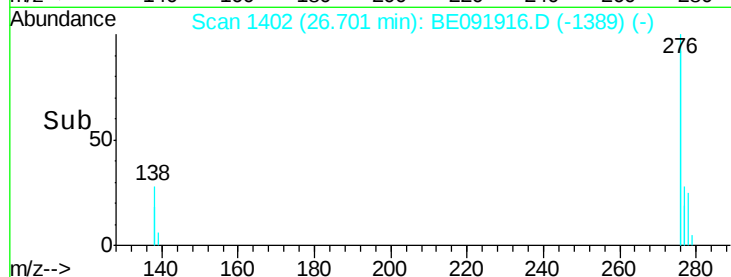
277 24.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.18 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

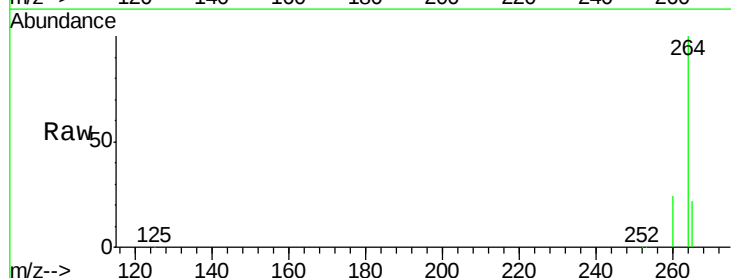
Tgt Ion:264 Resp: 193320

Ion Ratio Lower Upper

264 100

260 24.1 20.3 30.5

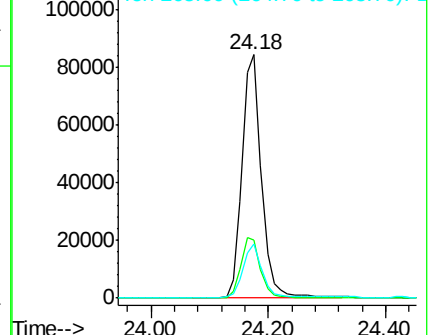
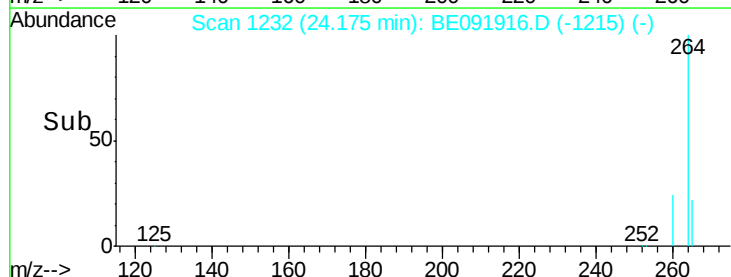
265 22.5 17.6 26.4

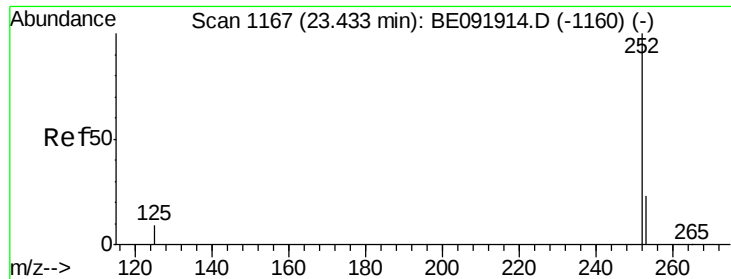


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.09 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.05 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

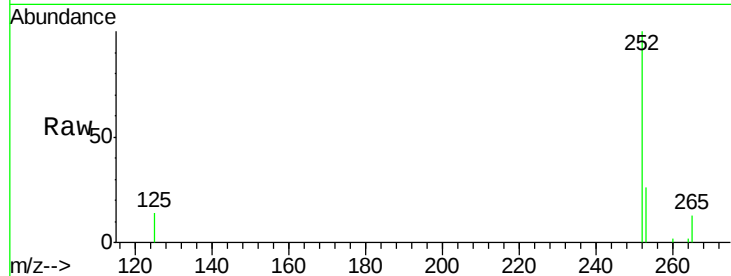
Tot Ion:252 Resp: 4183

Ion Ratio Lower Upper

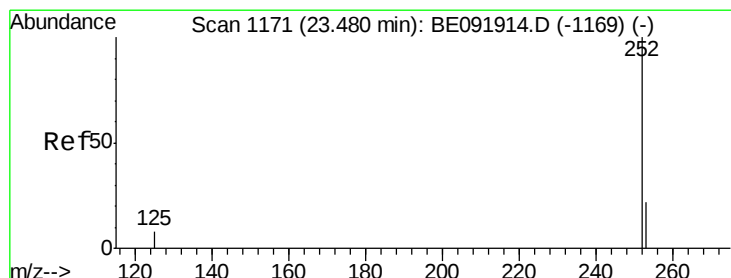
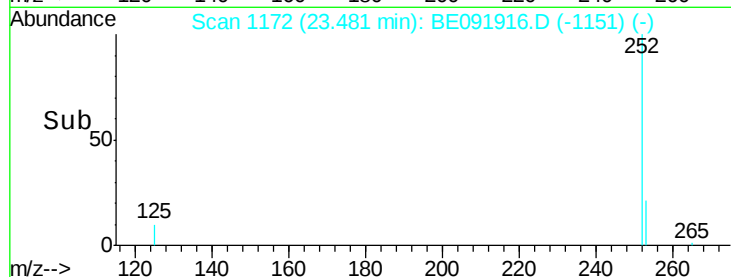
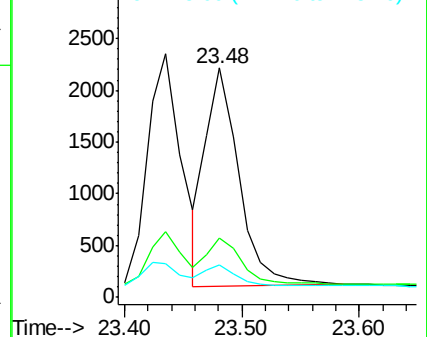
252 100

253 25.7 17.8 26.6

125 14.0 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: 0.09 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

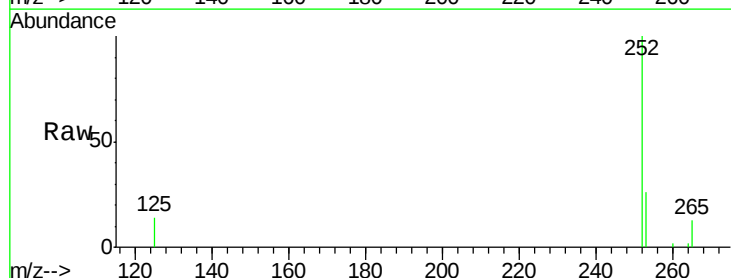
Tgt Ion:252 Resp: 4322

Ion Ratio Lower Upper

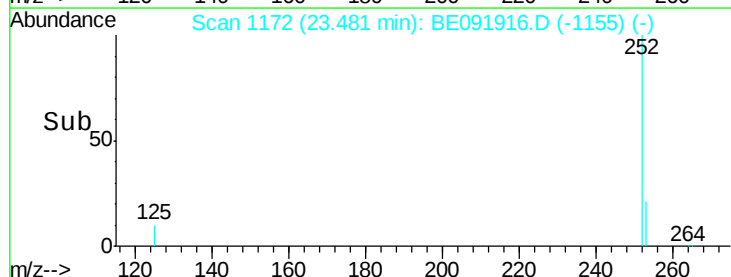
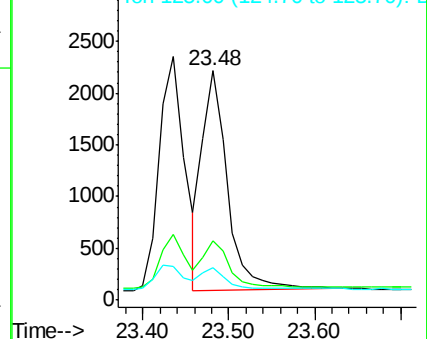
252 100

253 25.7 19.4 29.2

125 14.0 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: 0.09 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

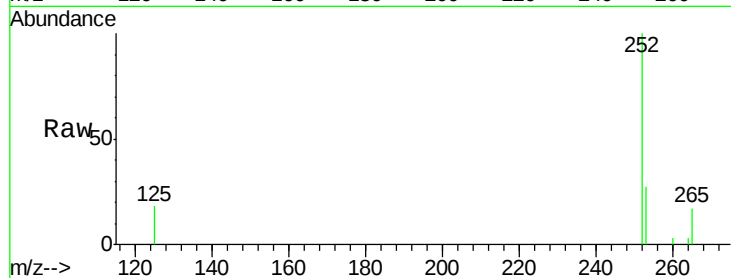
Tot Ion:252 Resp: 3876

Ion Ratio Lower Upper

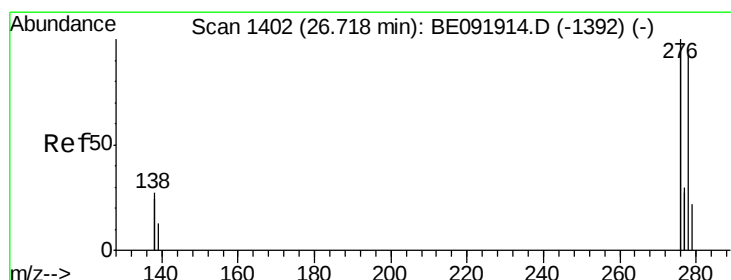
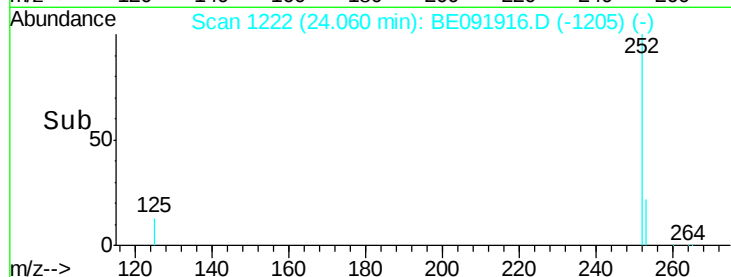
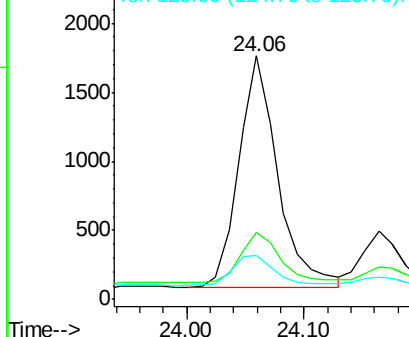
252 100

253 27.3 18.9 28.3

125 17.9 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: 0.09 ng

RT: 26.72 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE091916.D

Acq: 14 Jun 2016 17:41

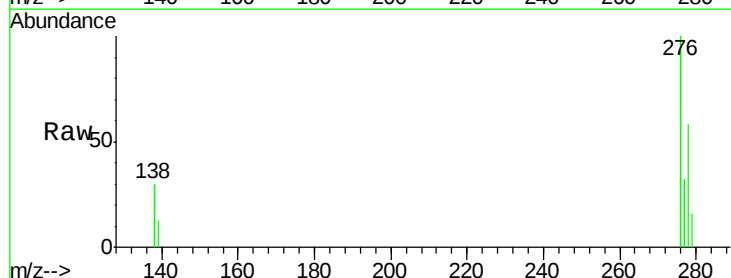
Tgt Ion:278 Resp: 3861

Ion Ratio Lower Upper

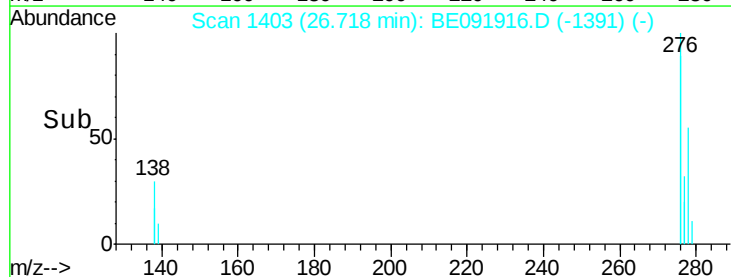
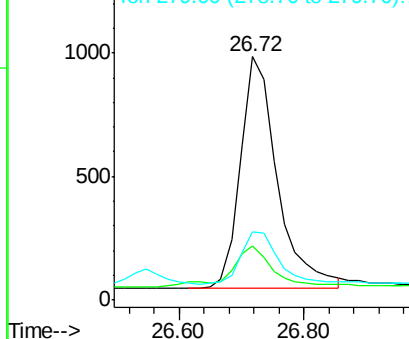
278 100

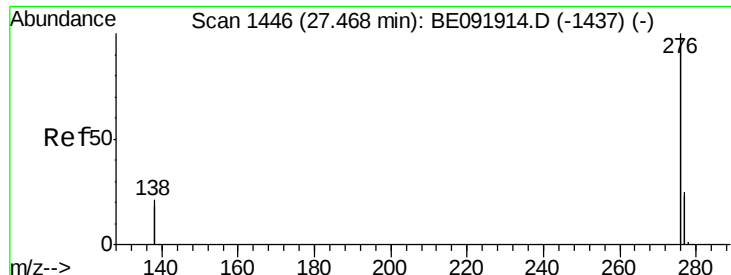
139 22.0 12.6 18.8#

279 27.8 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#45

Benzo(a,h,i)perylene

Concen: 0.39 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091916.D

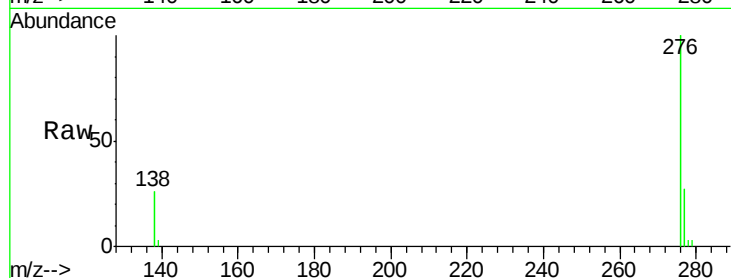
Acq: 14 Jun 2016 17:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



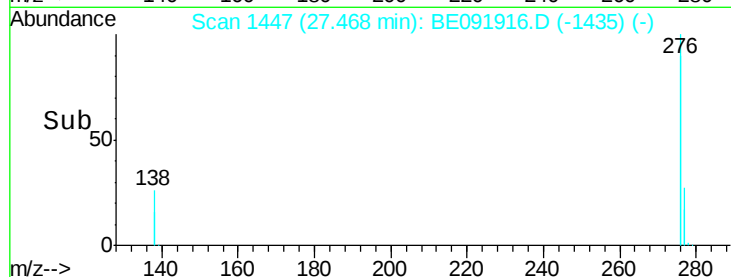
Tot Ion: 276 Resp: 16771

Ion Ratio Lower Upper

276 100

277 27.0 19.5 29.3

138 26.0 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

