

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091919.D
 Acq On : 15 Jun 2016 11:23
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 15 14:18:46 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	22973	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	102389	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	74575	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	163731	5.00	ng	0.00
31) Chrysene-d12	21.76	240	280453	5.00	ng	0.00
40) Perylene-d12	24.17	264	198354	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.74	112	1694	0.38	ng	0.02
5) Phenol-d6	7.37	99	2187	0.43	ng	0.02
9) Nitrobenzene-d5	9.38	82	2659	0.38	ng	0.02
16) 2,4,6-Tribromophenol	16.36	330	528	0.35	ng	0.02
17) 2-Fluorobiphenyl	13.49	172	7590	0.40	ng	0.00
34) Terphenyl-d14	20.22	244	11633	0.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1234	0.38	ng	98
3) n-Nitrosodimethylamine	3.83	42	1224	0.33	ng	# 85
6) bis(2-Chloroethyl)ether	7.63	93	2279	0.35	ng	94
7) n-Nitroso-di-n-propylamine	9.02	70	1889	0.42	ng	# 99
10) Nitrobenzene	9.42	77	2488	0.36	ng	# 99
11) bis(2-Chloroethoxy)methane	10.45	93	3160	0.35	ng	# 18
12) Naphthalene	11.04	128	8830	0.39	ng	# 94
13) Hexachlorobutadiene	11.34	225	1400	0.39	ng	97
14) 2-Methylnaphthalene	12.69	142	5813	0.38	ng	95
18) Acenaphthylene	14.59	152	26719	0.35	ng	# 68
19) 2,6-Dinitrotoluene	14.44	165	3826	0.47	ng	# 81
20) Acenaphthene	14.92	154	7785	0.37	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	6944	0.58	ng	# 1
22) Fluorene	15.91	166	7818	0.38	ng	98
23) 4-Chlorophenyl-phenylether	15.91	204	3921	0.38	ng	95
25) 4-Bromophenyl-phenylether	16.80	248	2358	0.37	ng	95
26) Hexachlorobenzene	16.92	284	2453	0.38	ng	96
27) Pentachlorophenol	17.26	266	483	0.35	ng	98
28) Phenanthrene	17.64	178	15841	0.39	ng	100
29) Anthracene	17.73	178	13217	0.36	ng	99
30) Fluoranthene	19.65	202	65913	0.38	ng	# 87
32) Benzidine	19.83	184	3130	0.38	ng	# 93
33) Pyrene	20.02	202	64877	0.34	ng	# 80
35) Benzo(a)anthracene	21.79	228	42473	0.96	ng	# 92
36) 3,3'-Dichlorobenzidine	21.70	252	2316	0.32	ng	# 97
37) Chrysene	21.79	228	42958	0.67	ng	98
38) Bis(2-ethylhexyl)phthalate	21.64	149	11372	0.39	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	77508	0.35	ng	98
41) Benzo(b)fluoranthene	23.42	252	17593	0.35	ng	100
42) Benzo(k)fluoranthene	23.48	252	18787	0.40	ng	99
43) Benzo(a)pyrene	24.06	252	16595	0.37	ng	99
44) Dibenzo(a,h)anthracene	26.70	278	15803	0.36	ng	# 96
45) Benzo(g,h,i)perylene	27.47	276	65521	0.37	ng	98

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
Data File : BE091919.D
Acq On : 15 Jun 2016 11:23
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 15 14:18:46 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

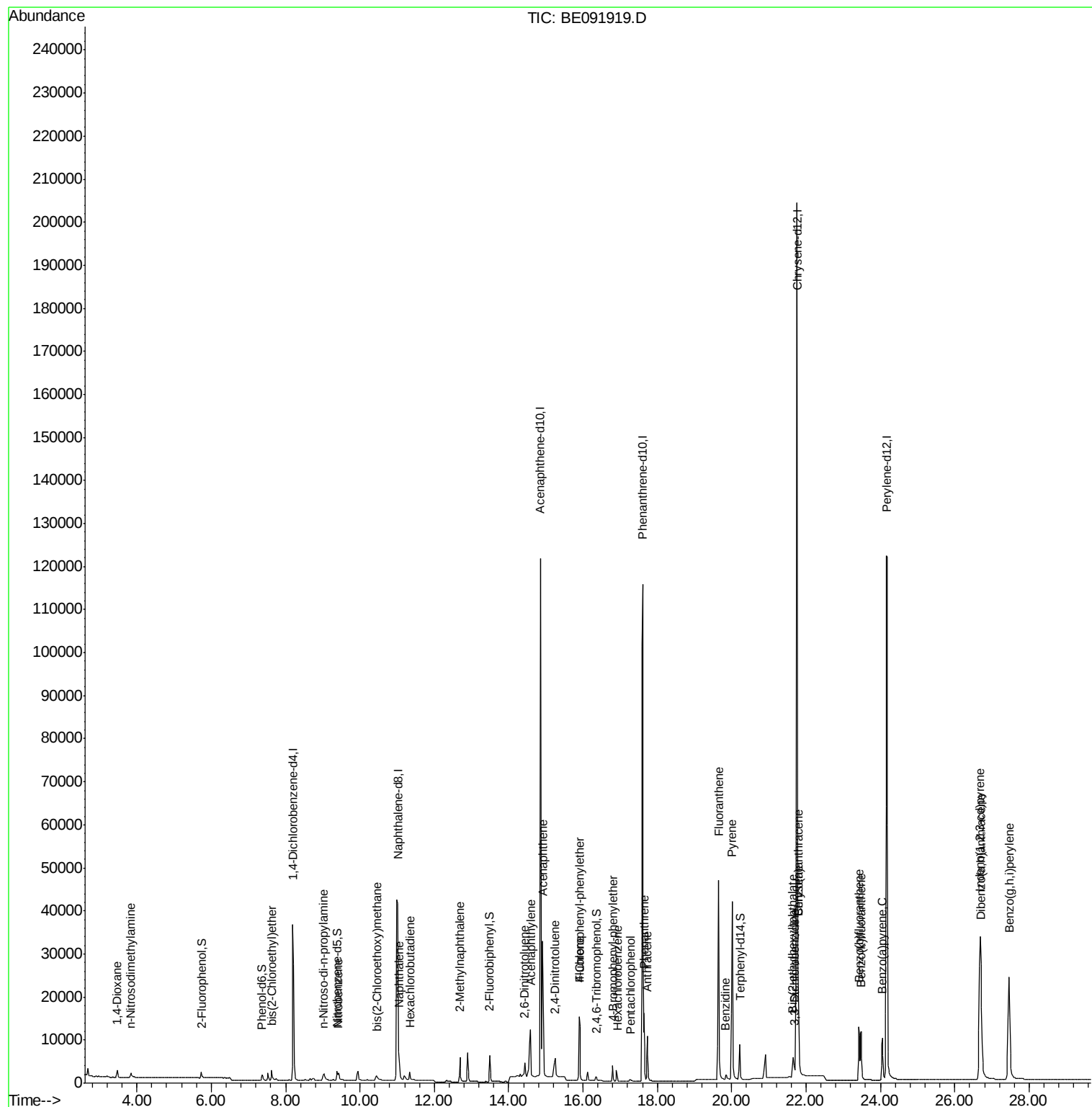
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
Data File : BE091919.D
Acq On : 15 Jun 2016 11:23
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 15 14:18:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

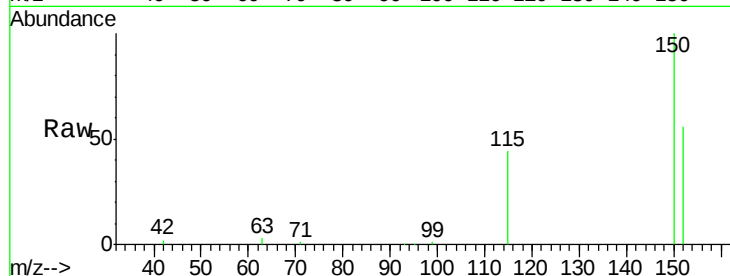
Tgt Ion:152 Resp: 22973

Ion Ratio Lower Upper

152 100

150 179.3 123.9 185.9

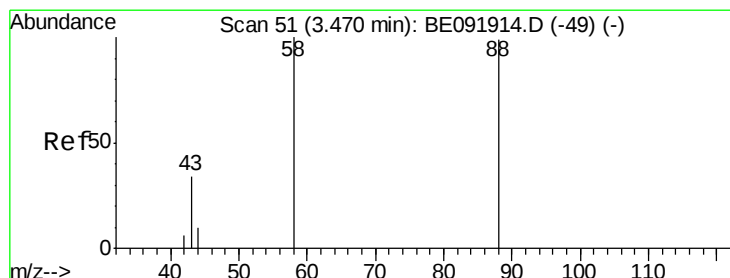
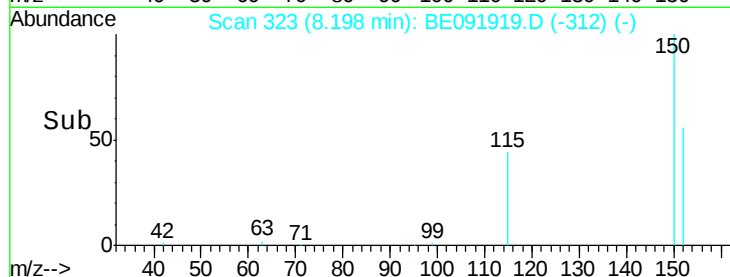
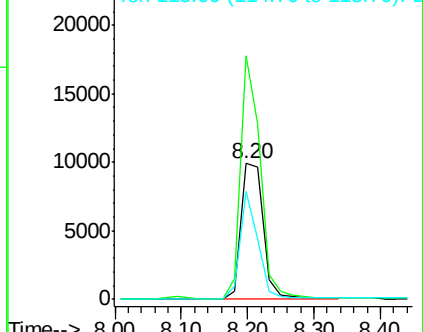
115 79.5 48.3 72.5#



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: 0.38 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

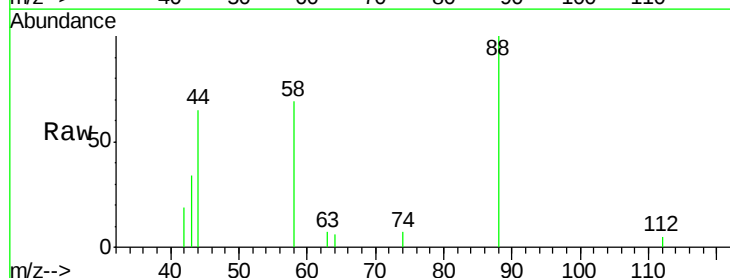
Tgt Ion: 88 Resp: 1234

Ion Ratio Lower Upper

88 100

58 81.6 63.0 94.4

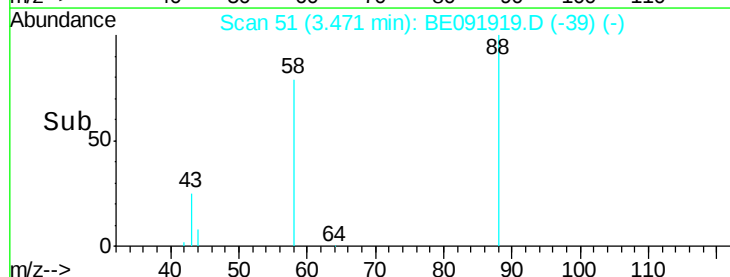
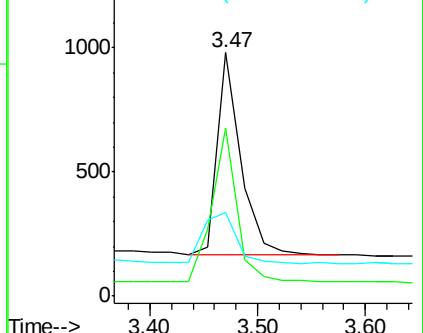
43 36.4 29.1 43.7



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: 0.33 ng

RT: 3.83 min Scan# 72

Delta R.T. 0.04 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

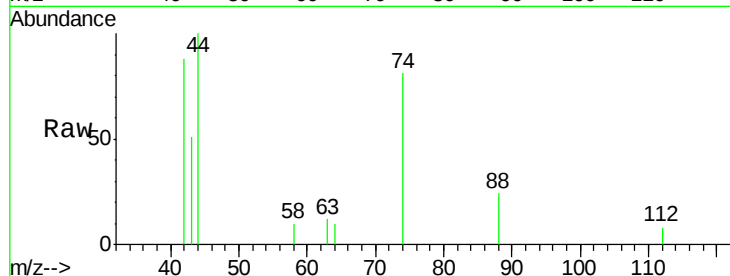
Tgt Ion: 42 Resp: 1224

Ion Ratio Lower Upper

42 100

74 100.0 93.4 140.0

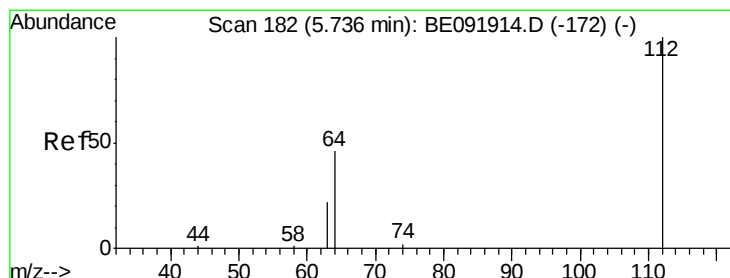
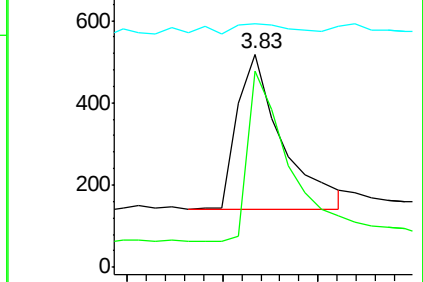
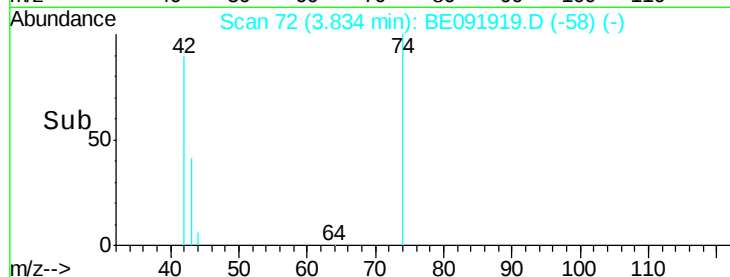
44 12.7 5.0 7.6#



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: 0.38 ng

RT: 5.74 min Scan# 182

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

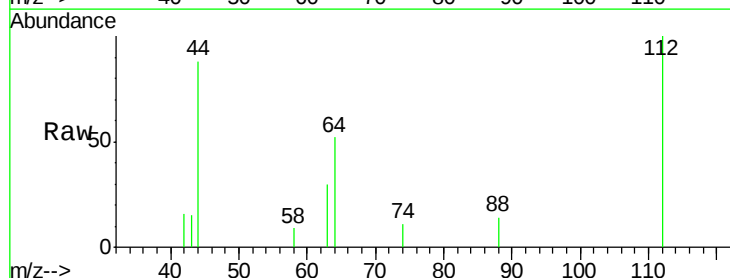
Tgt Ion: 112 Resp: 1694

Ion Ratio Lower Upper

112 100

64 67.1 53.7 80.5

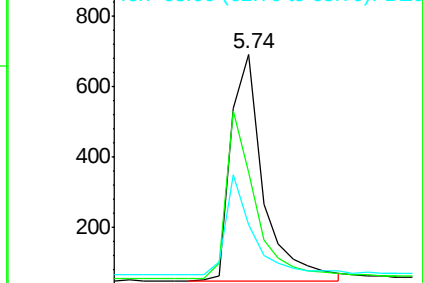
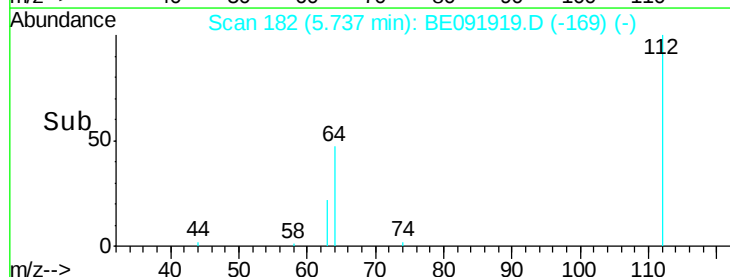
63 37.0 29.5 44.3

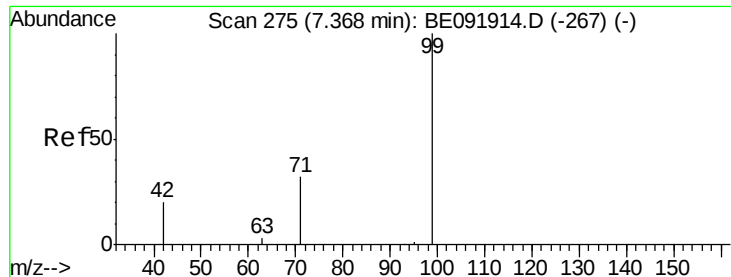


Abundance Ion 112.00 (111.70 to 112.70): E

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: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

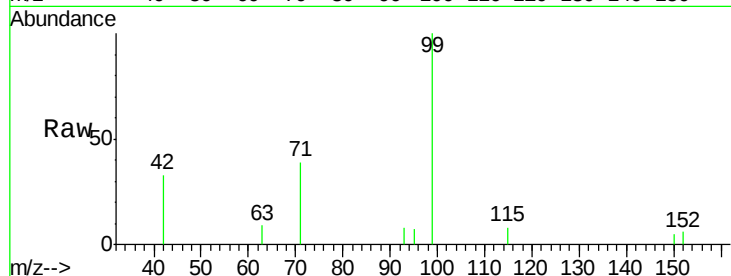
Tgt Ion: 99 Resp: 2187

Ion Ratio Lower Upper

99 100

42 27.3 19.6 29.4

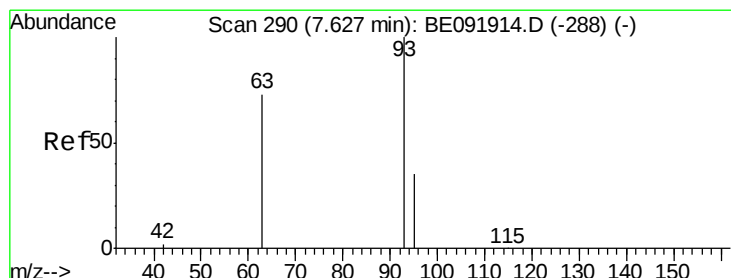
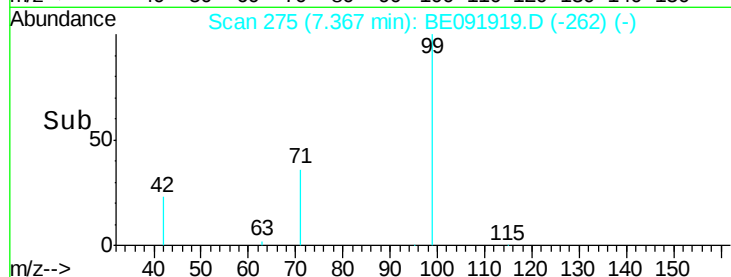
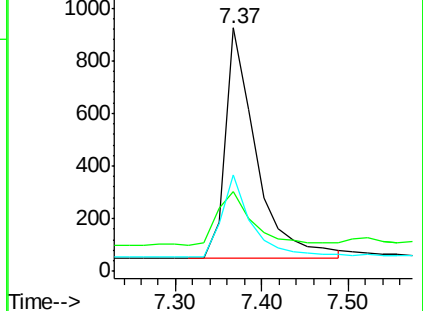
71 35.1 28.1 42.1



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: 0.35 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

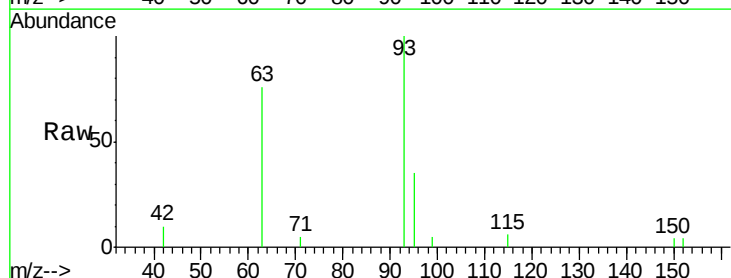
Tgt Ion: 93 Resp: 2279

Ion Ratio Lower Upper

93 100

63 87.8 66.2 99.4

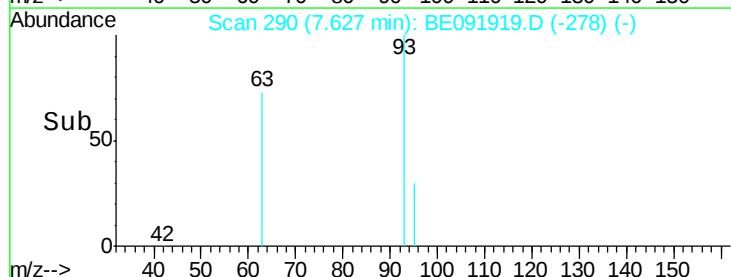
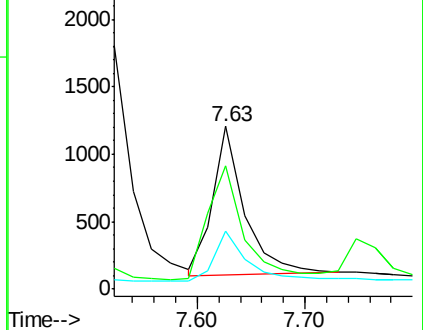
95 35.4 25.5 38.3

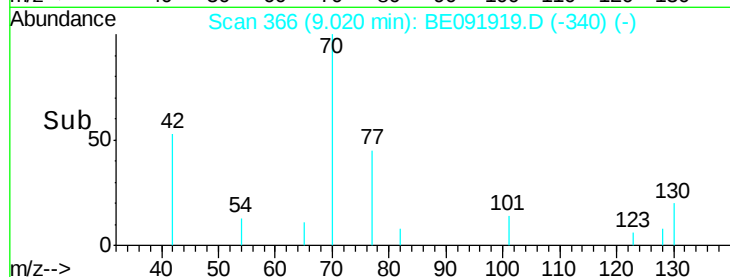
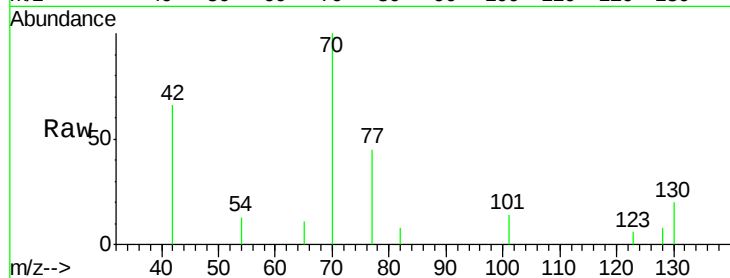
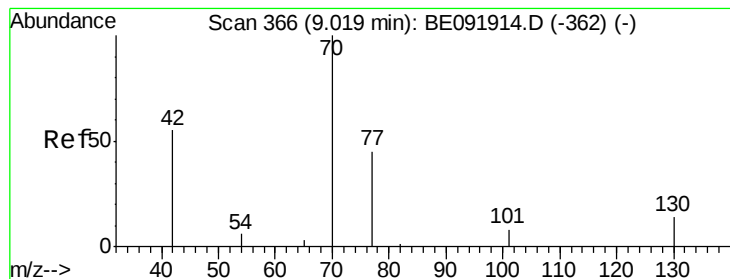


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.42 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 70 Resp: 1889

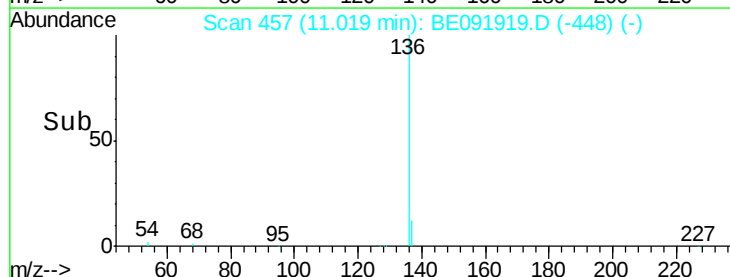
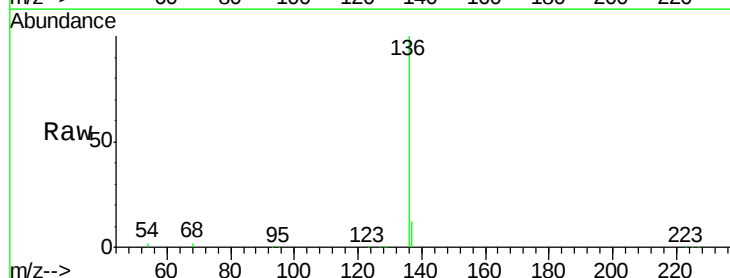
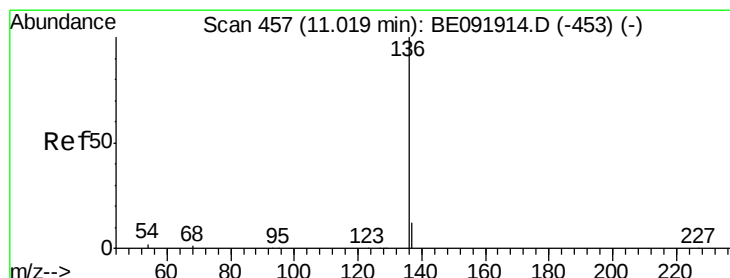
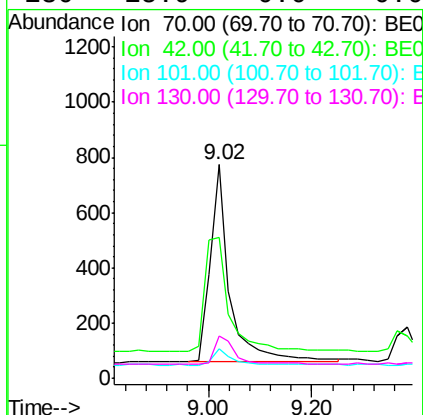
Ion Ratio Lower Upper

70 100

42 72.3 58.4 87.6

101 7.3 6.4 9.6

130 15.9 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Tgt Ion: 136 Resp: 102389

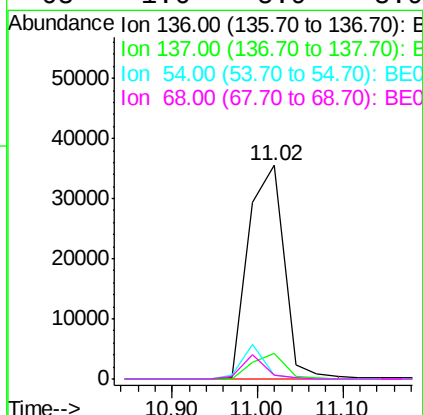
Ion Ratio Lower Upper

136 100

137 12.3 8.3 12.5

54 2.0 8.2 12.4#

68 1.6 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

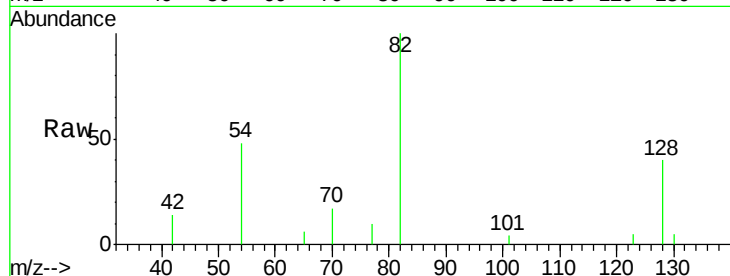
Tgt Ion: 82 Resp: 2659

Ion Ratio Lower Upper

82 100

128 39.5 39.5 59.3

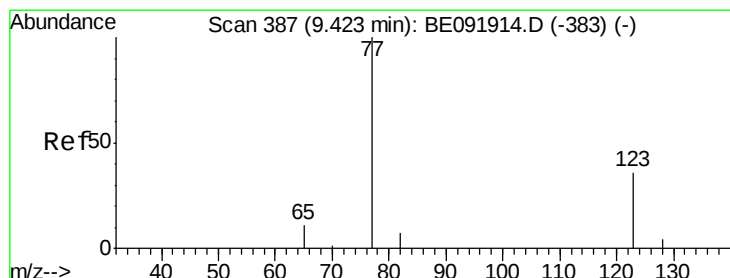
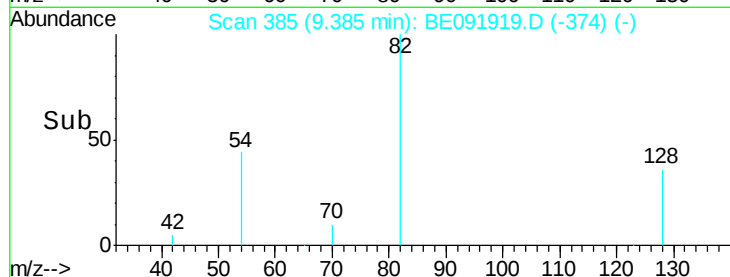
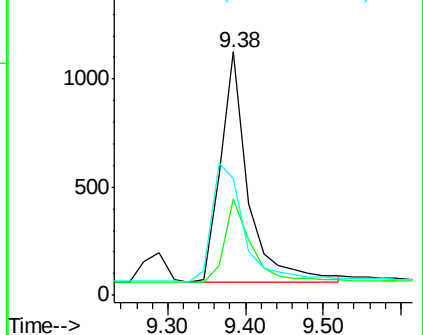
54 47.8 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.36 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

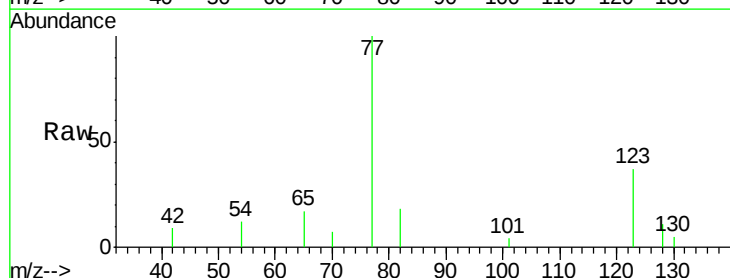
Tgt Ion: 77 Resp: 2488

Ion Ratio Lower Upper

77 100

123 38.3 0.0 0.0#

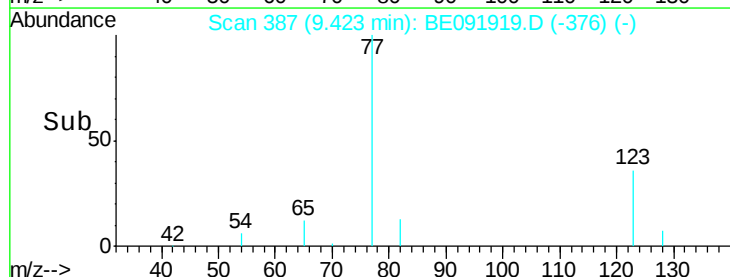
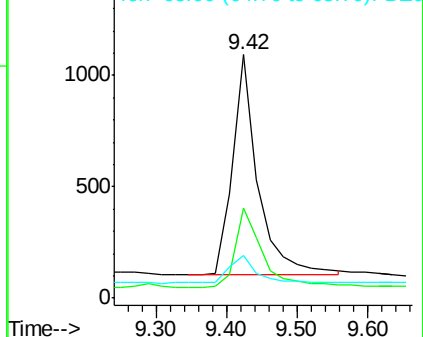
65 14.3 11.1 16.7

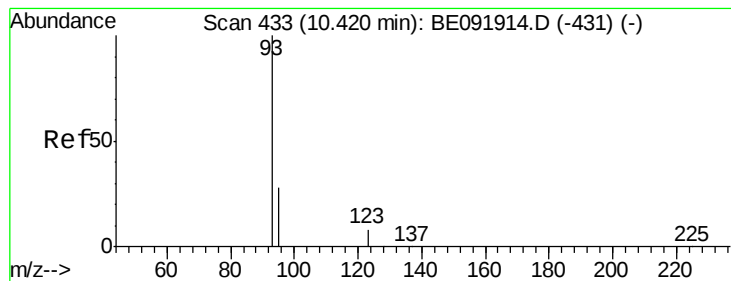


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.35 ng

RT: 10.45 min Scan# 434

Delta R.T. 0.03 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

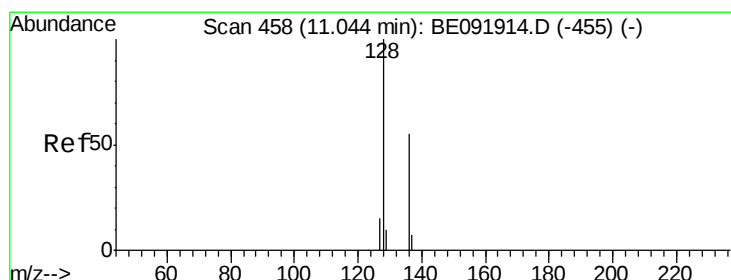
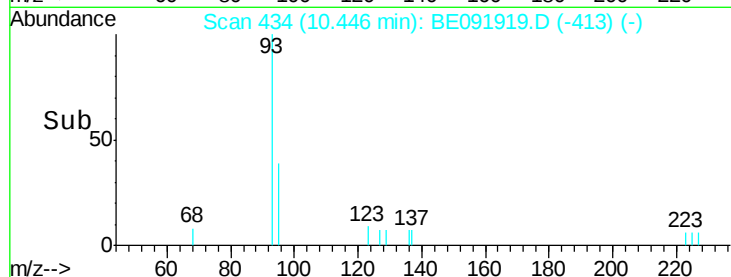
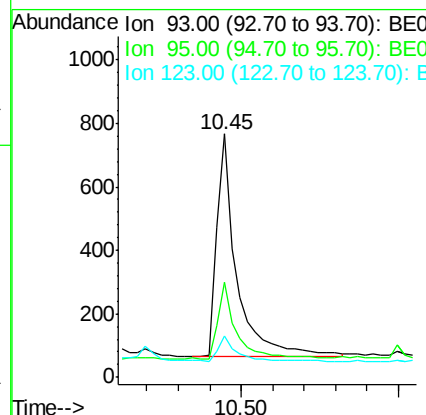
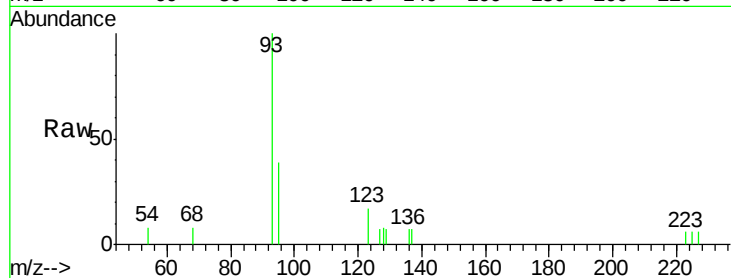
Tgt Ion: 93 Resp: 3160

Ion Ratio Lower Upper

93 100

95 30.6 57.6 86.4#

123 10.3 100.2 150.4#



#12

Naphthalene

Concen: 0.39 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

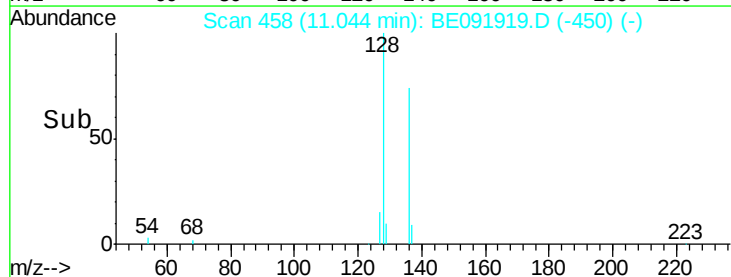
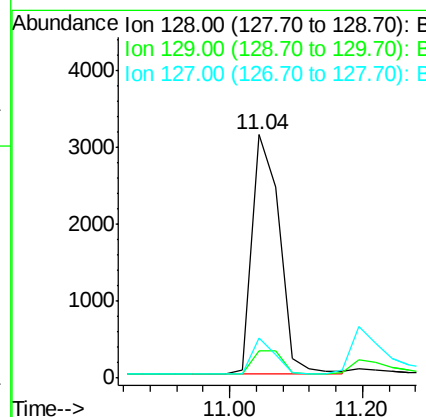
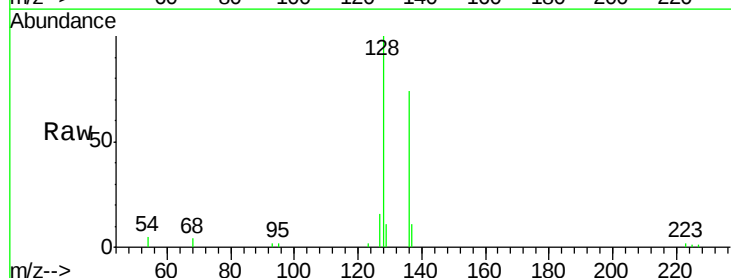
Tgt Ion: 128 Resp: 8830

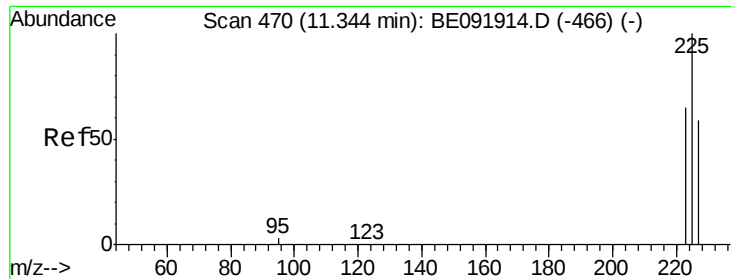
Ion Ratio Lower Upper

128 100

129 11.4 10.4 15.6

127 16.3 10.2 15.2#

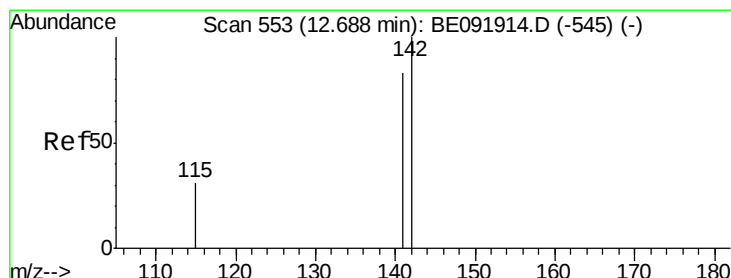
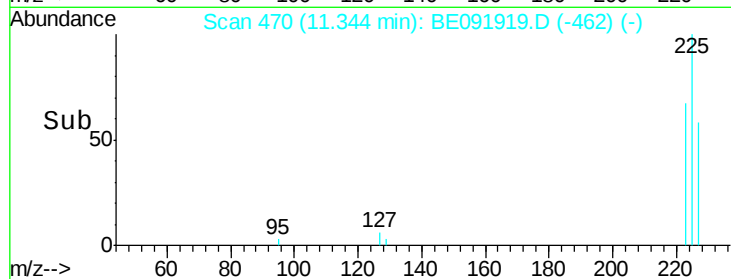
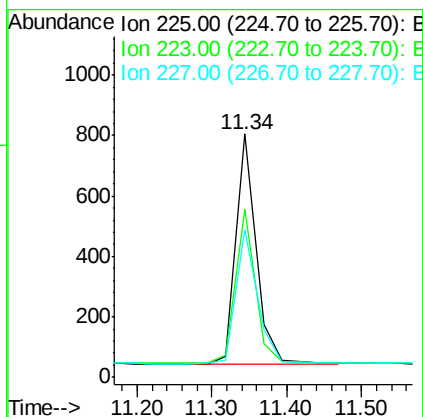
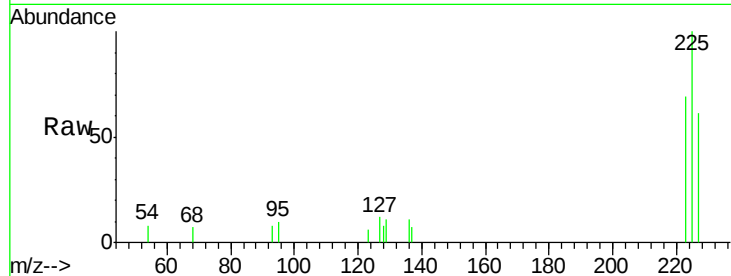




#13
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE091919.D
Acq: 15 Jun 2016 11:23

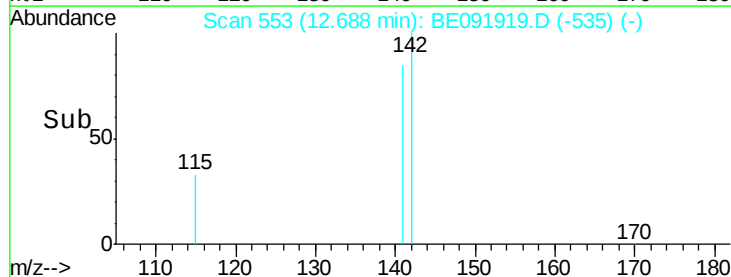
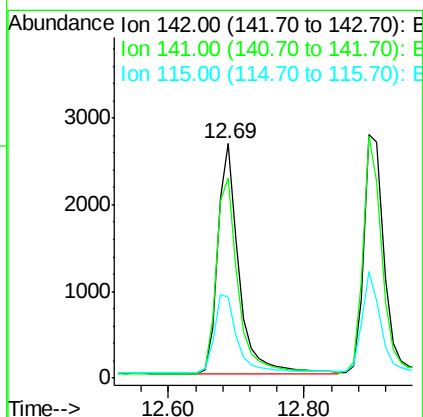
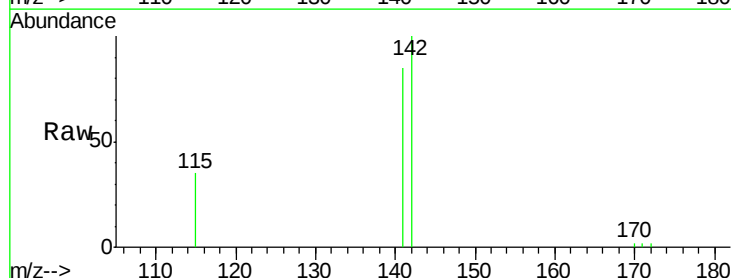
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

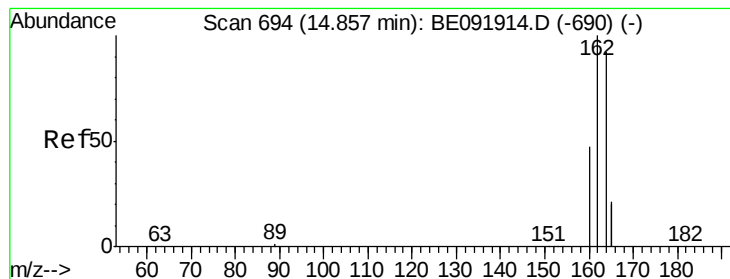
Tgt Ion: 225 Resp: 1400
Ion Ratio Lower Upper
225 100
223 65.4 49.8 74.8
227 62.4 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.69 min Scan# 553
Delta R.T. 0.01 min
Lab File: BE091919.D
Acq: 15 Jun 2016 11:23

Tgt Ion: 142 Resp: 5813
Ion Ratio Lower Upper
142 100
141 85.3 71.9 107.9
115 34.7 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: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

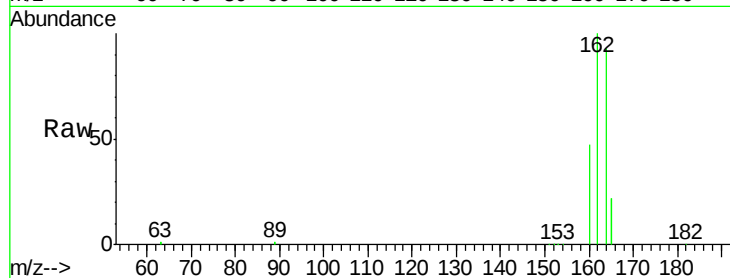
Tgt Ion:164 Resp: 74575

Ion Ratio Lower Upper

164 100

162 107.9 71.8 107.8#

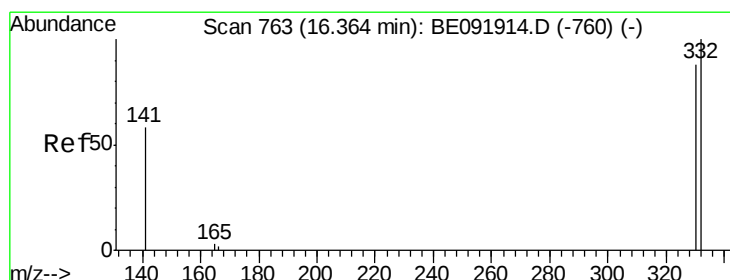
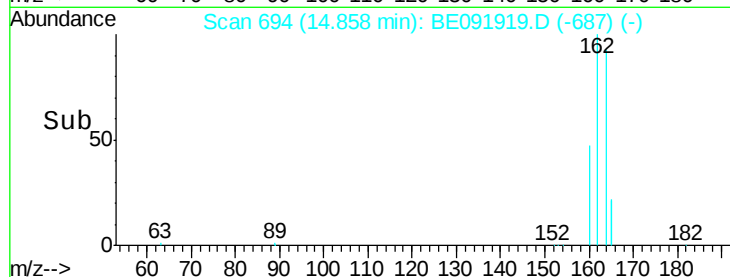
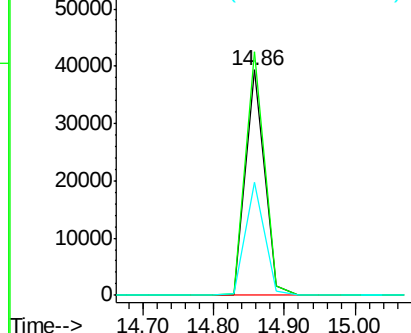
160 50.3 28.0 42.0#



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: 0.35 ng

RT: 16.36 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

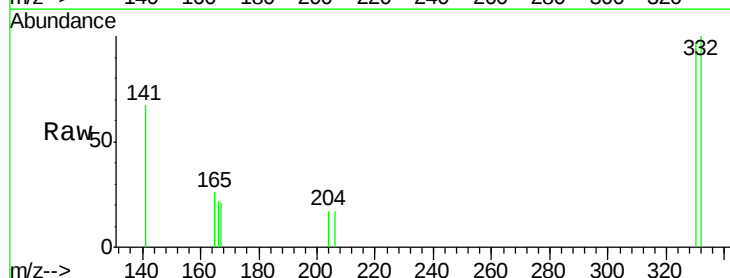
Tgt Ion:330 Resp: 528

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

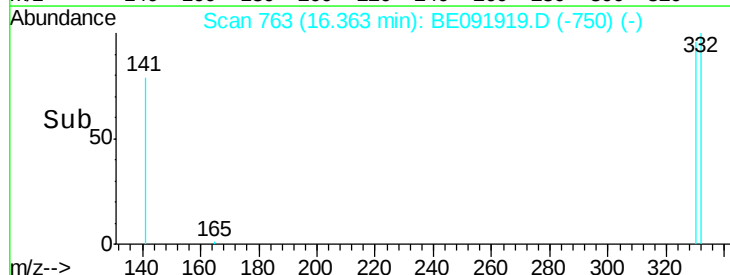
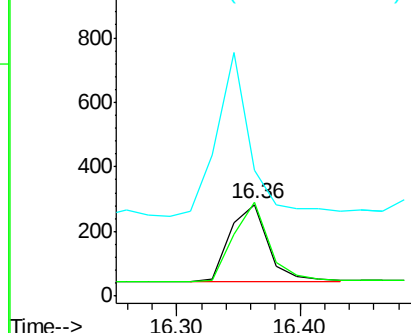
141 185.2 138.4 207.6

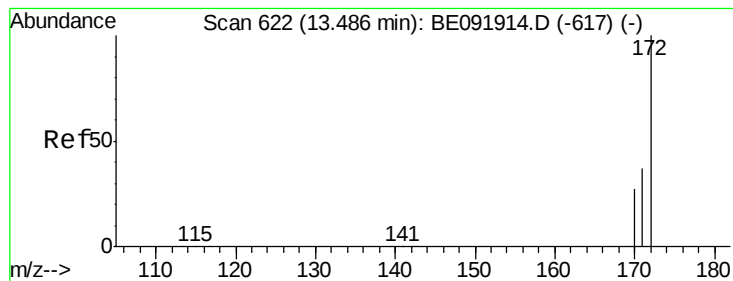


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

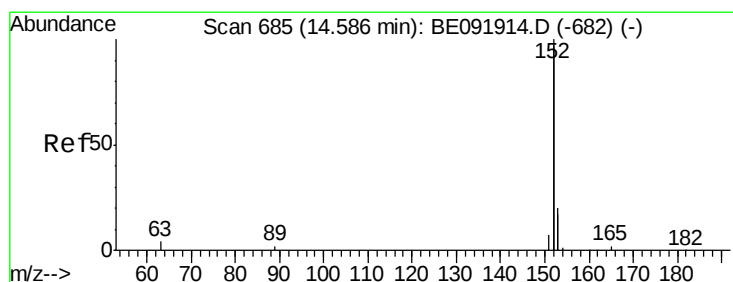
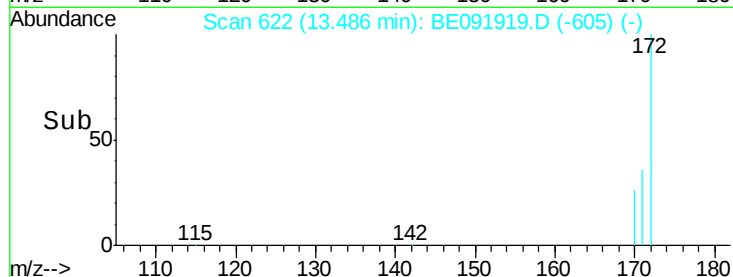
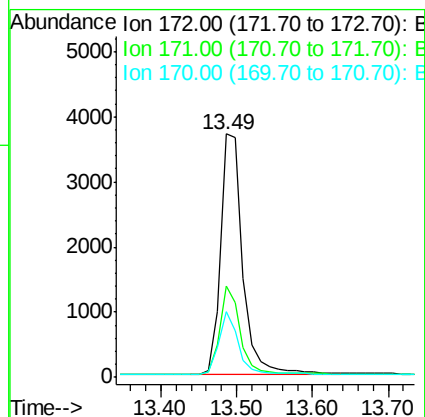
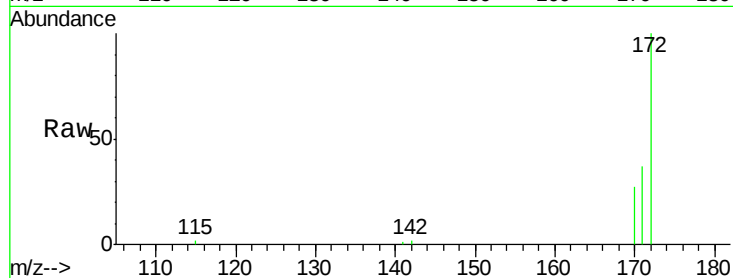




#17
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091919.D
Acq: 15 Jun 2016 11:23

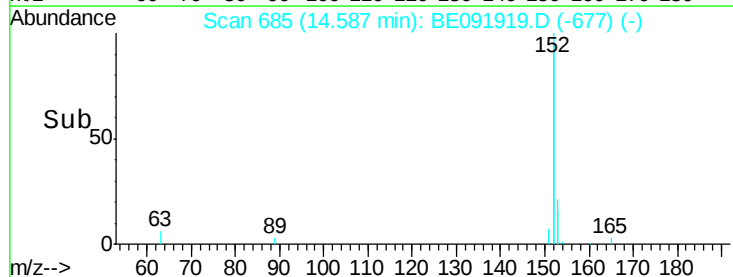
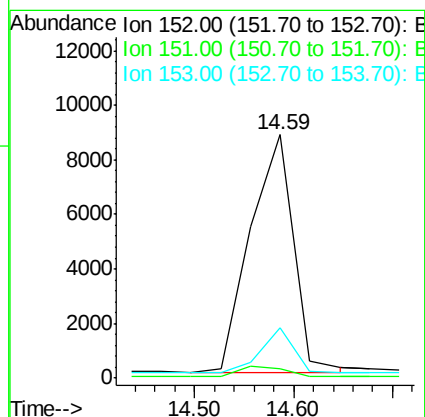
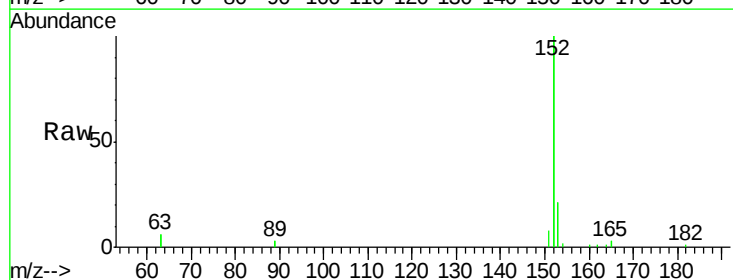
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

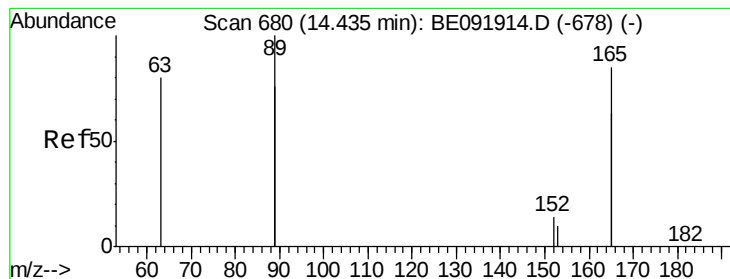
Tgt Ion:172 Resp: 7590
Ion Ratio Lower Upper
172 100
171 37.2 24.3 36.5#
170 27.2 14.9 22.3#



#18
Acenaphthylene
Concen: 0.35 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091919.D
Acq: 15 Jun 2016 11:23

Tgt Ion:152 Resp: 26719
Ion Ratio Lower Upper
152 100
151 0.0 19.4 29.2#
153 14.3 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.47 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

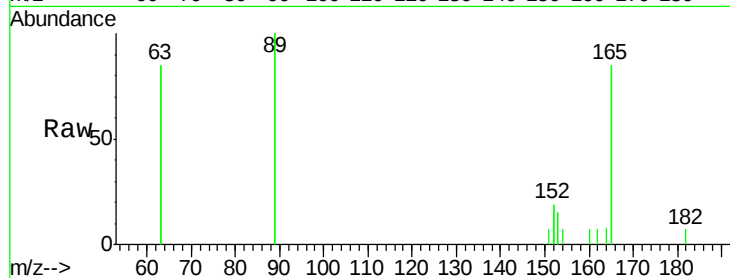
Tgt Ion:165 Resp: 3826

Ion Ratio Lower Upper

165 100

63 110.3 65.9 98.9#

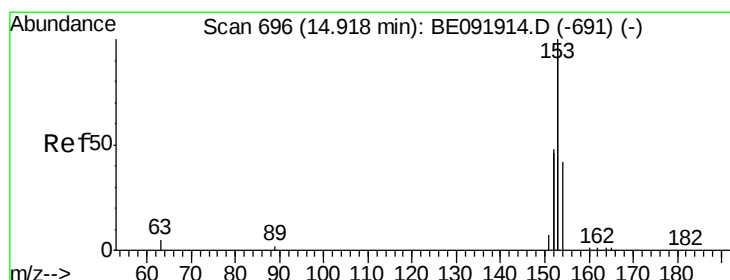
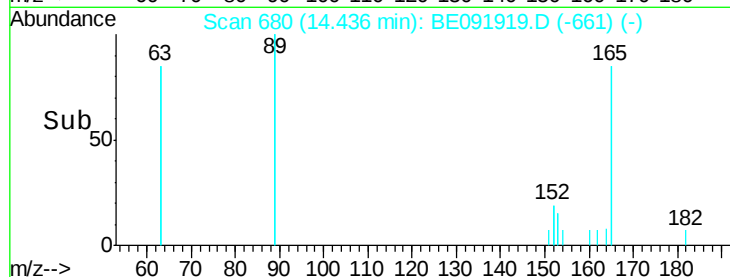
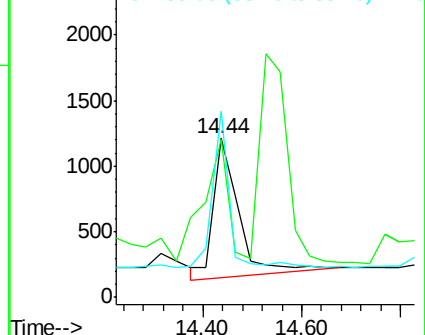
89 69.0 59.1 88.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.37 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

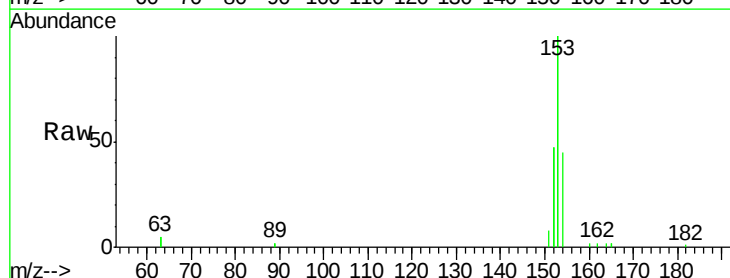
Tgt Ion:154 Resp: 7785

Ion Ratio Lower Upper

154 100

153 429.8 88.1 132.1#

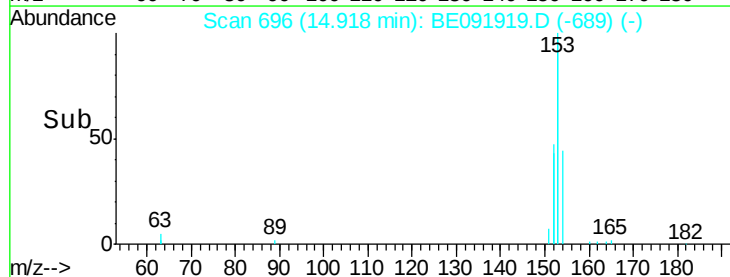
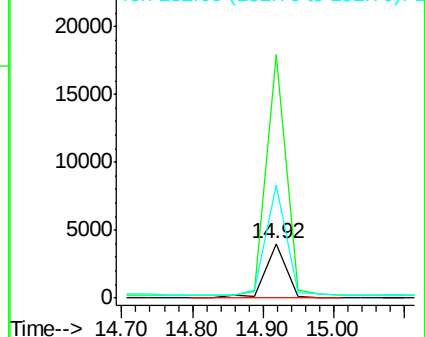
152 201.5 44.2 66.2#

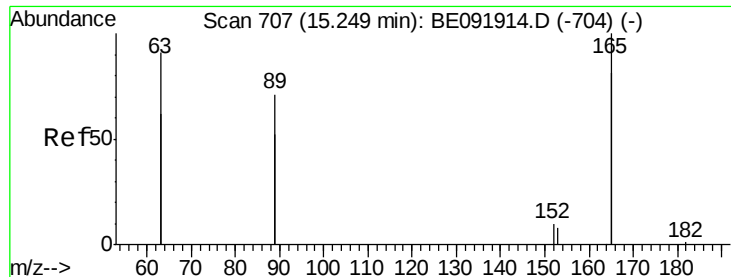


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

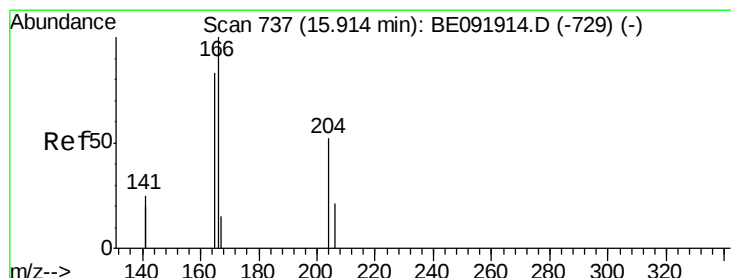
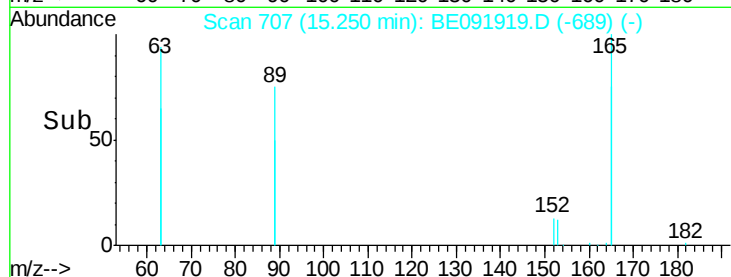
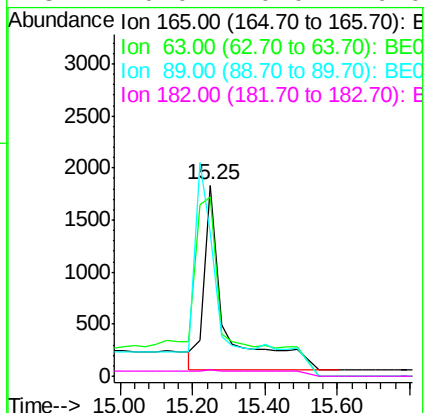
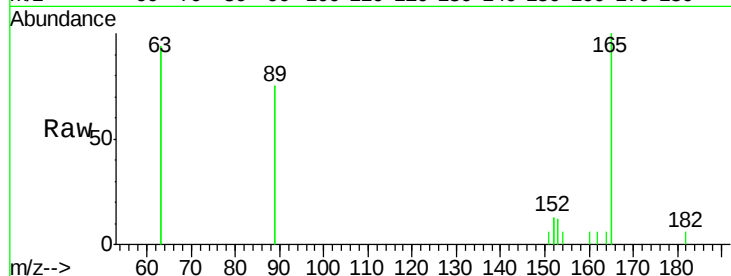




#21
2,4-Dinitrotoluene
Concen: 0.58 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE091919.D
Acq: 15 Jun 2016 11:23

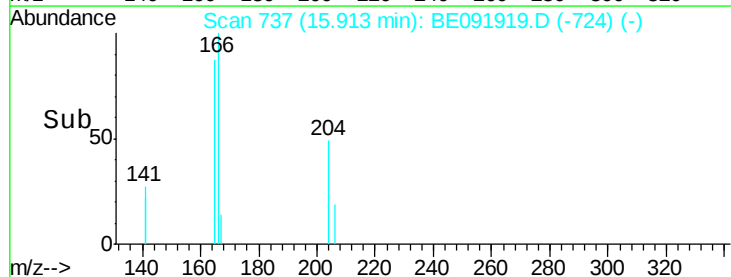
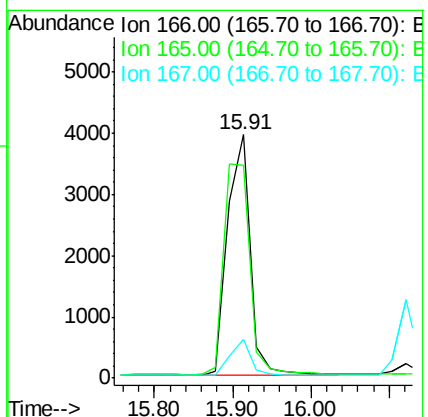
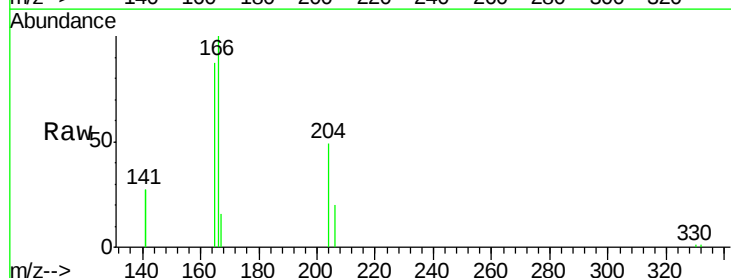
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

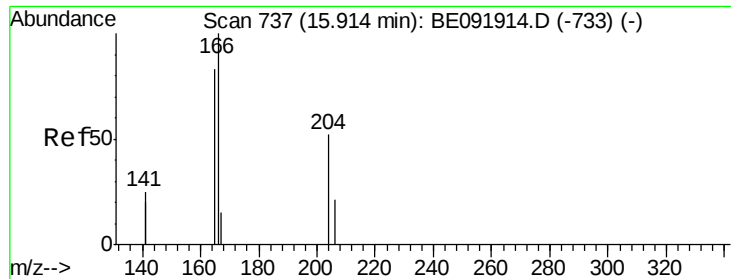
Tgt Ion:165 Resp: 6944
Ion Ratio Lower Upper
165 100
63 166.3 0.0 0.0#
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.38 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091919.D
Acq: 15 Jun 2016 11:23

Tgt Ion:166 Resp: 7818
Ion Ratio Lower Upper
166 100
165 100.6 78.6 117.8
167 13.3 10.8 16.2

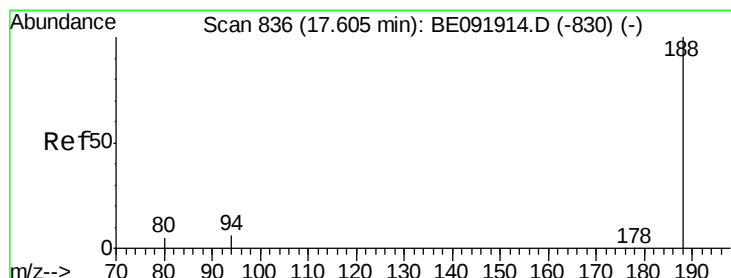
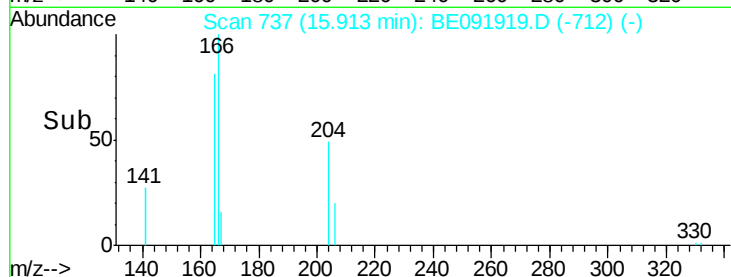
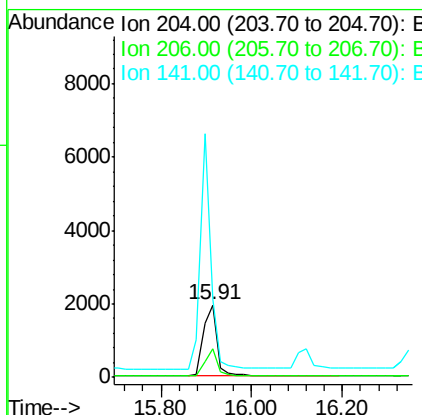
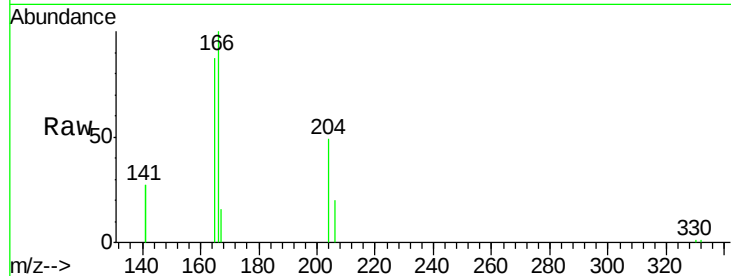




#23
 4-Chlorophenyl-phenylether
 Concen: 0.38 ng
 RT: 15.91 min Scan# 737
 Delta R.T. 0.02 min
 Lab File: BE091919.D
 Acq: 15 Jun 2016 11:23

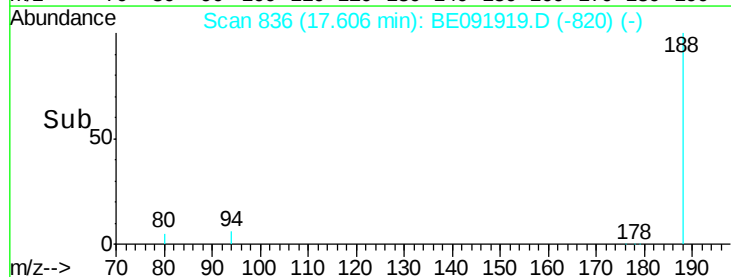
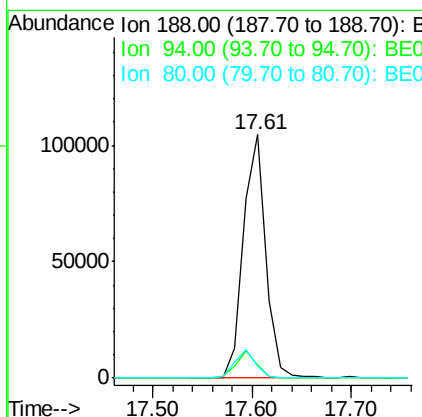
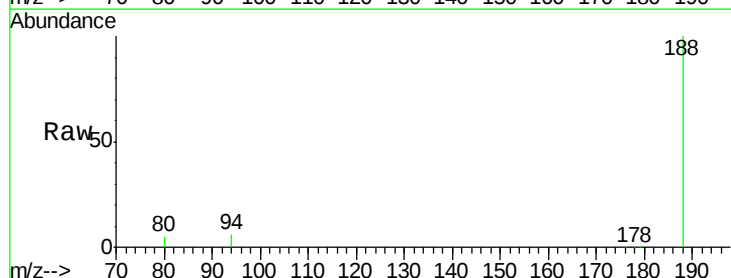
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

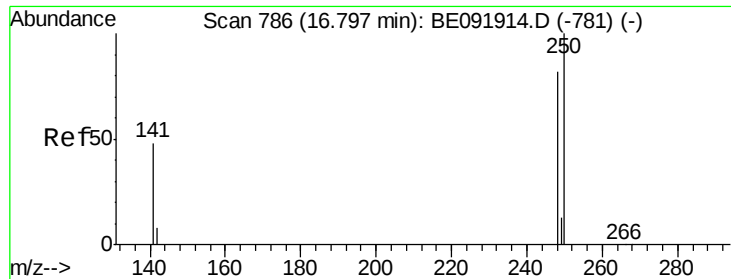
Tgt Ion: 204 Resp: 3921
 Ion Ratio Lower Upper
 204 100
 206 33.5 27.8 41.6
 141 257.0 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.61 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BE091919.D
 Acq: 15 Jun 2016 11:23

Tgt Ion: 188 Resp: 163731
 Ion Ratio Lower Upper
 188 100
 94 5.6 4.1 6.1
 80 4.9 3.4 5.2





#25

4-Bromophenyl-phenylether

Concen: 0.37 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

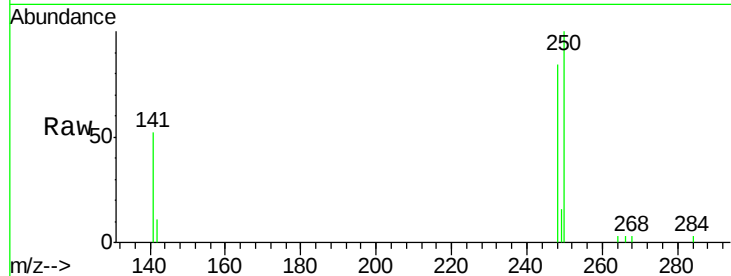
Tgt Ion:248 Resp: 2358

Ion Ratio Lower Upper

248 100

250 99.3 75.7 113.5

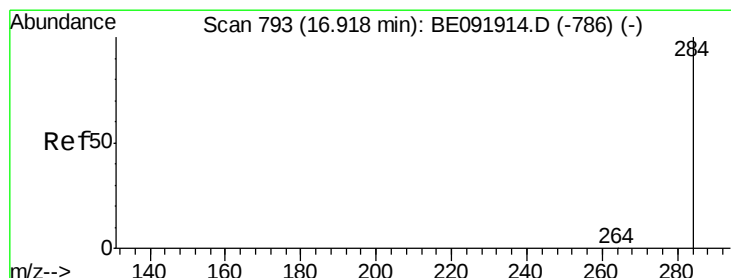
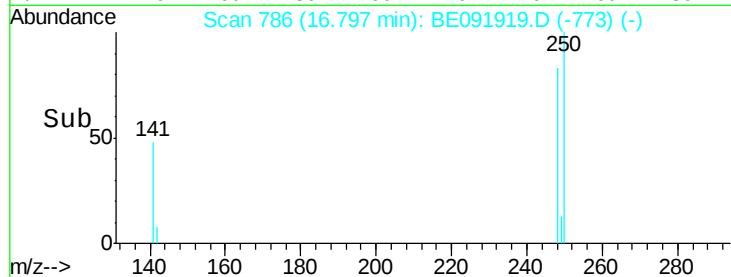
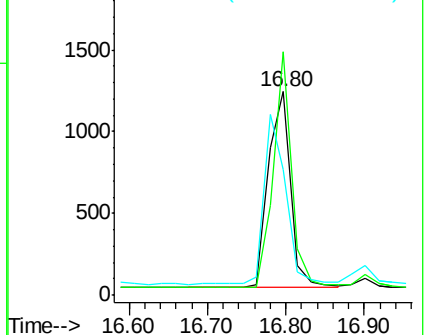
141 85.6 64.6 97.0



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: 0.38 ng

RT: 16.92 min Scan# 793

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

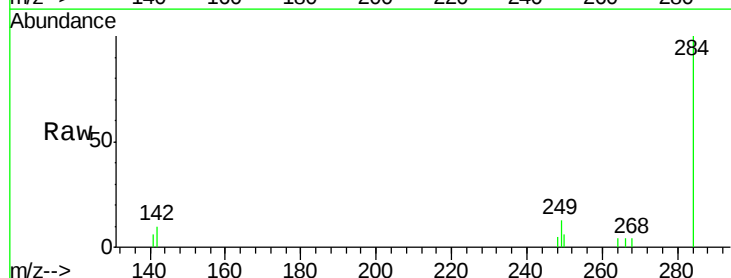
Tgt Ion:284 Resp: 2453

Ion Ratio Lower Upper

284 100

142 42.8 31.4 47.2

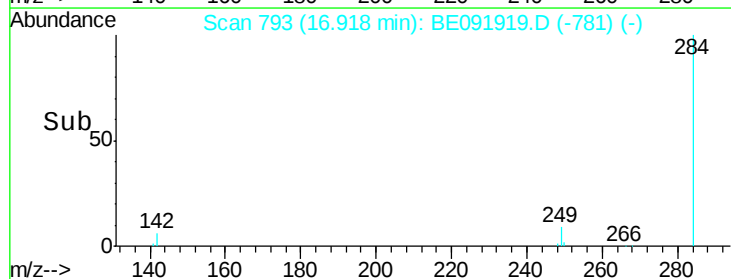
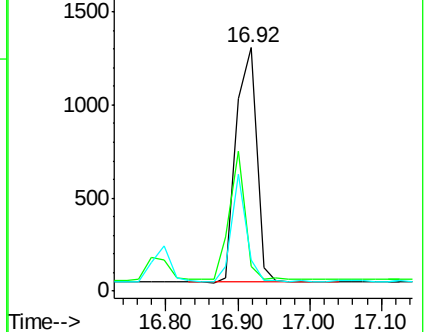
249 33.2 25.3 37.9

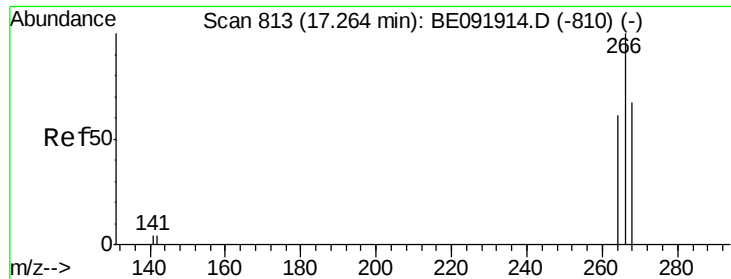


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

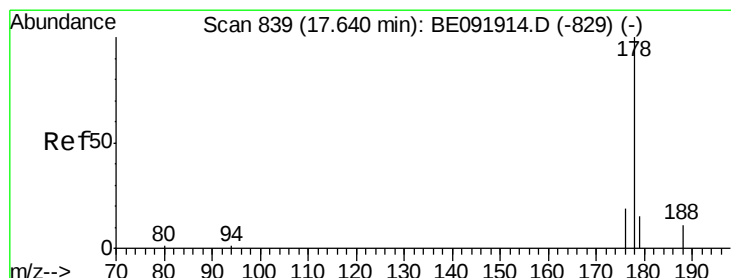
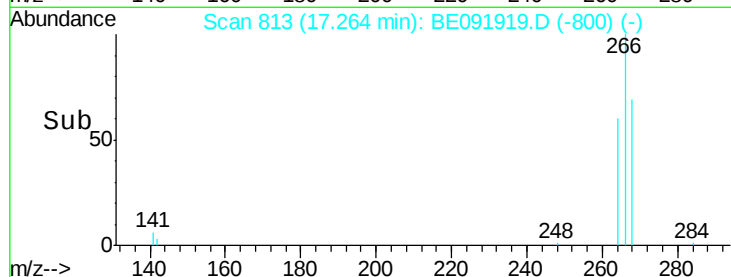
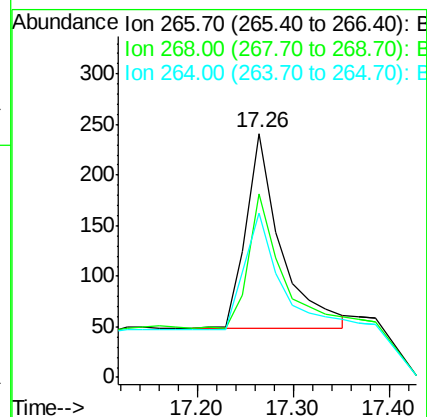
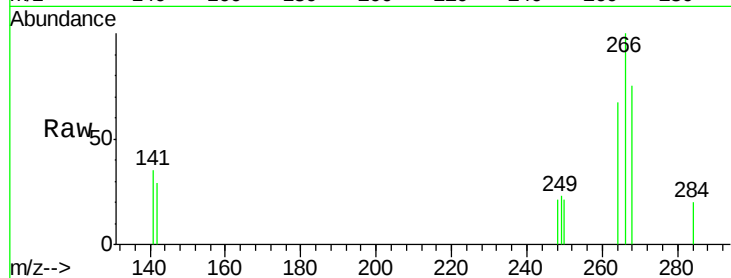




#27
 Pentachlorophenol
 Concen: 0.35 ng
 RT: 17.26 min Scan# 813
 Delta R.T. 0.02 min
 Lab File: BE091919.D
 Acq: 15 Jun 2016 11:23

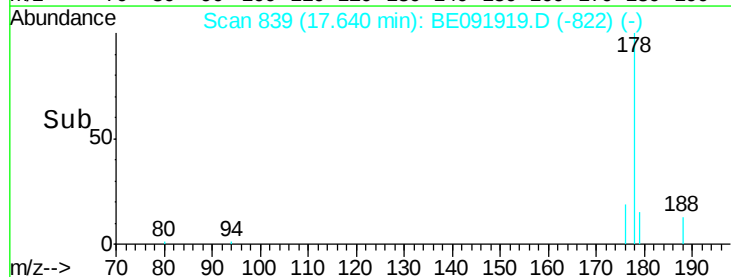
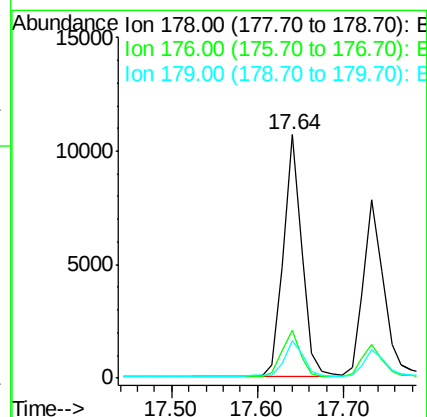
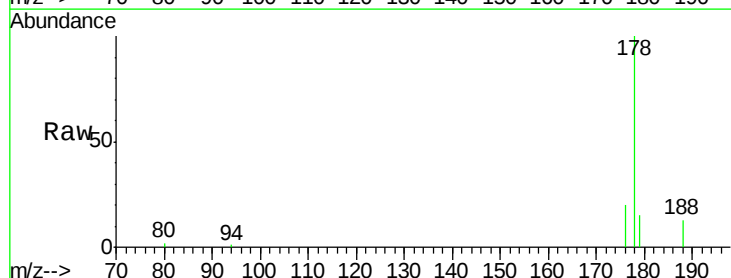
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

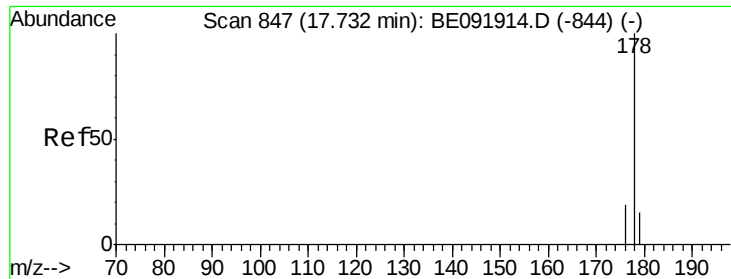
Tgt Ion: 266 Resp: 483
 Ion Ratio Lower Upper
 266 100
 268 75.1 60.5 90.7
 264 67.2 51.0 76.4



#28
 Phenanthrene
 Concen: 0.39 ng
 RT: 17.64 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BE091919.D
 Acq: 15 Jun 2016 11:23

Tgt Ion: 178 Resp: 15841
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.2 12.9 19.3





#29

Anthracene

Concen: 0.36 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

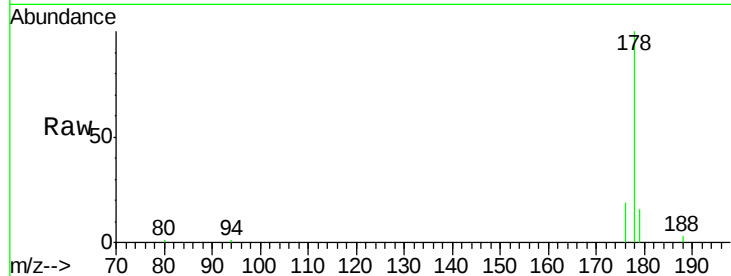
Tgt Ion:178 Resp: 13217

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

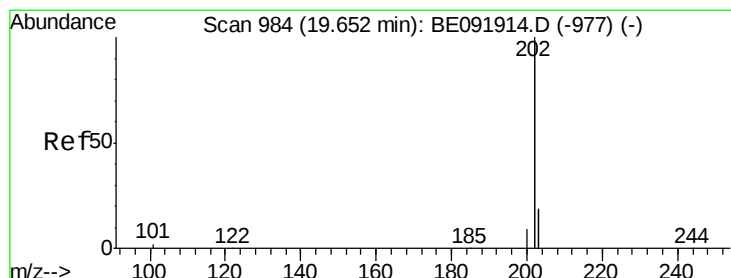
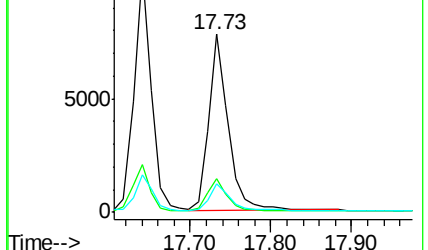
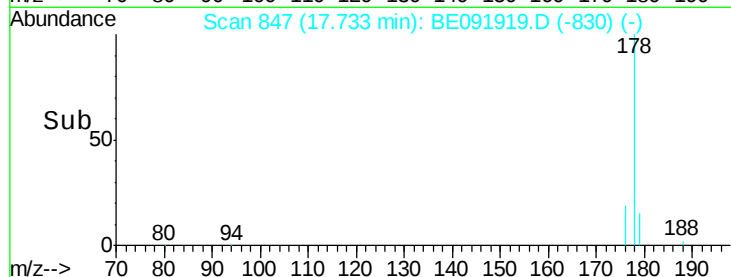
179 15.4 12.1 18.1



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: 0.38 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

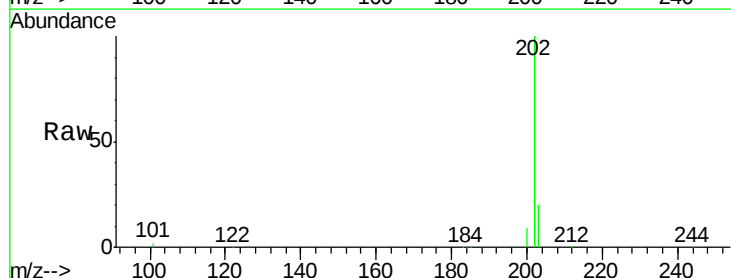
Tgt Ion:202 Resp: 65913

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

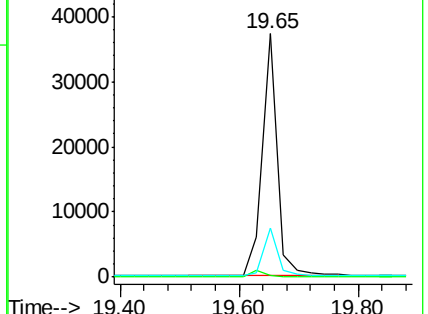
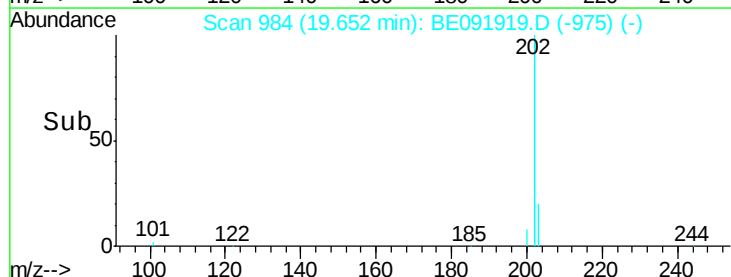
203 18.4 14.3 21.5



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: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

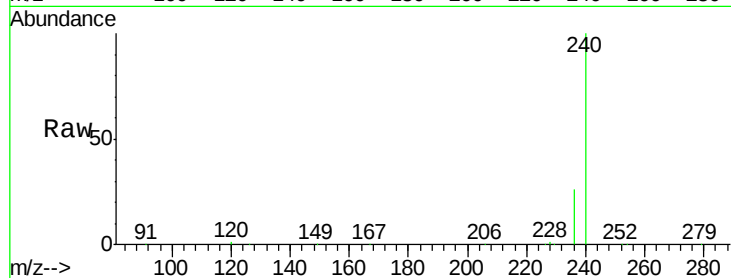
Tgt Ion:240 Resp: 280453

Ion Ratio Lower Upper

240 100

120 1.3 1.2 1.8

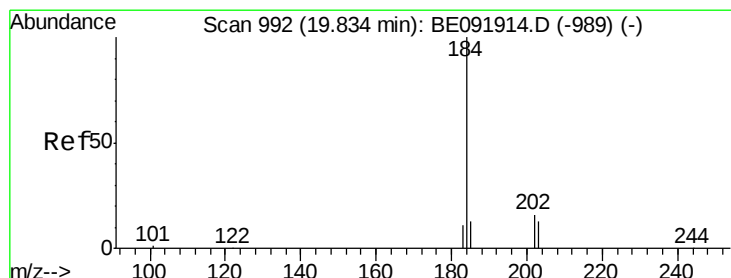
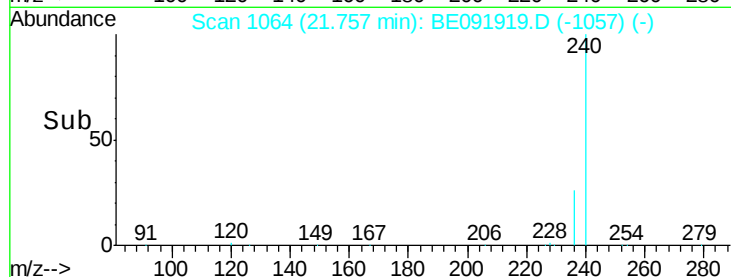
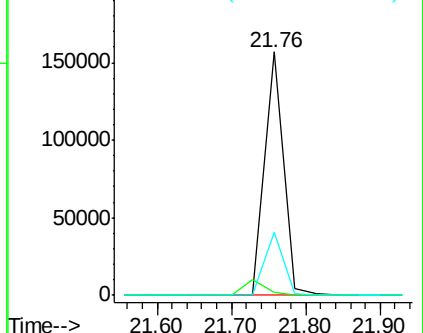
236 26.0 19.8 29.8



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: 0.38 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

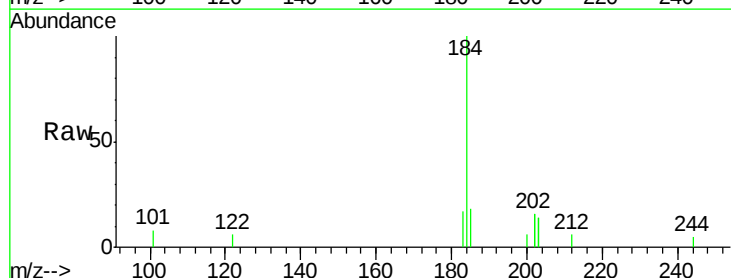
Tgt Ion:184 Resp: 3130

Ion Ratio Lower Upper

184 100

185 17.9 11.4 17.2#

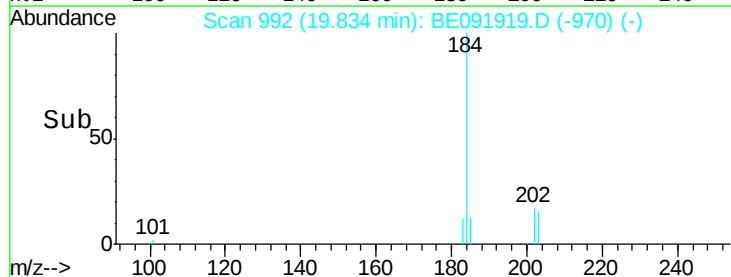
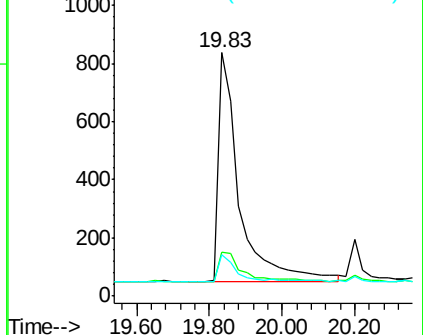
183 17.0 11.8 17.6

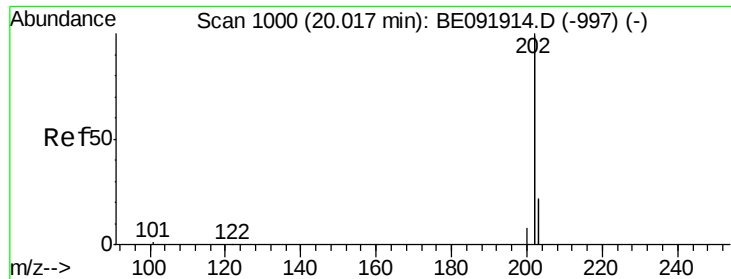


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

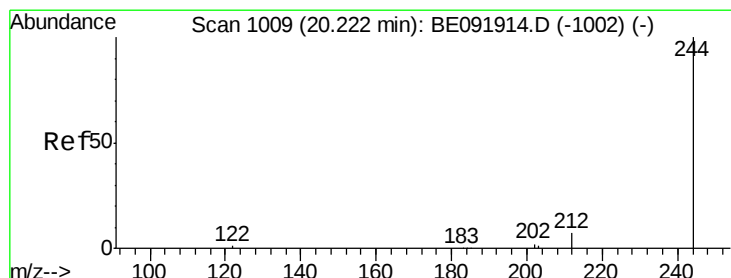
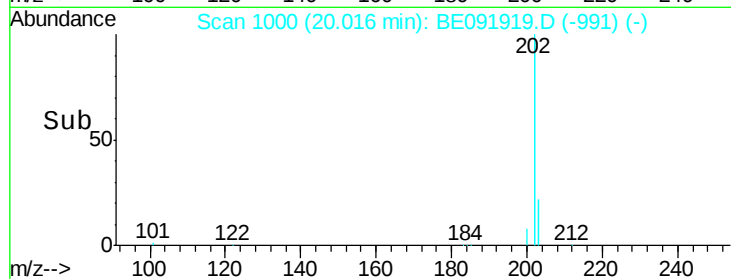
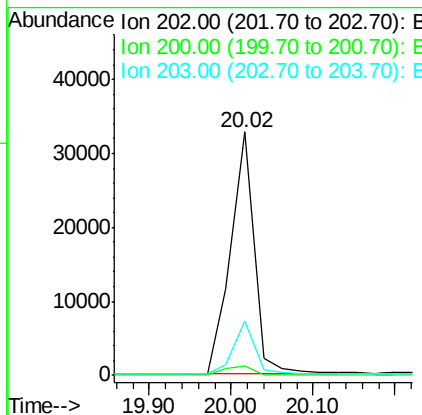
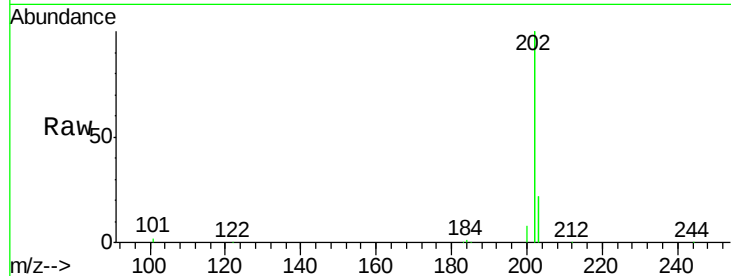




#33
 Pyrene
 Concen: 0.34 ng
 RT: 20.02 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BE091919.D
 Acq: 15 Jun 2016 11:23

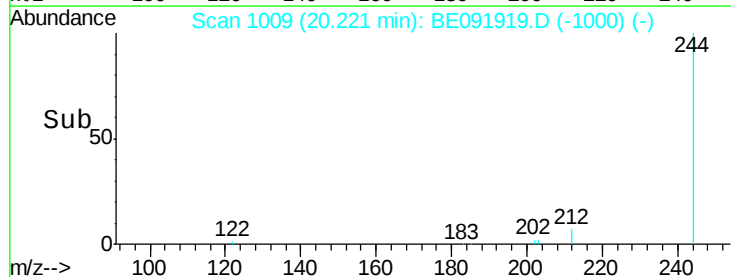
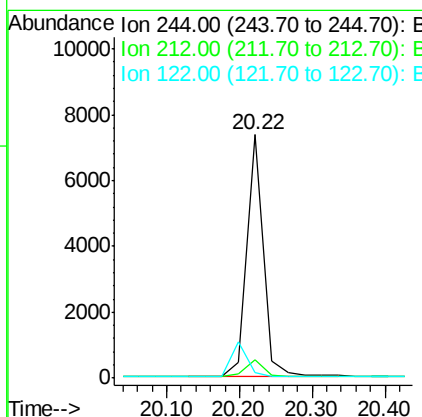
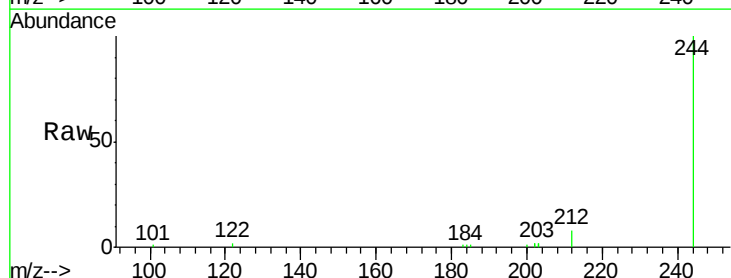
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

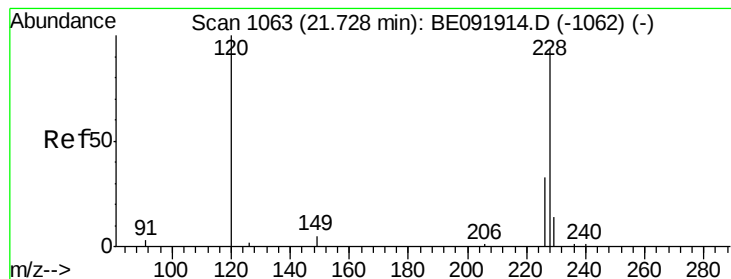
Tgt Ion: 202 Resp: 64877
 Ion Ratio Lower Upper
 202 100
 200 5.0 16.9 25.3#
 203 19.2 14.1 21.1



#34
 Terphenyl-d14
 Concen: 0.34 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE091919.D
 Acq: 15 Jun 2016 11:23

Tgt Ion: 244 Resp: 11633
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 2.1 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.96 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

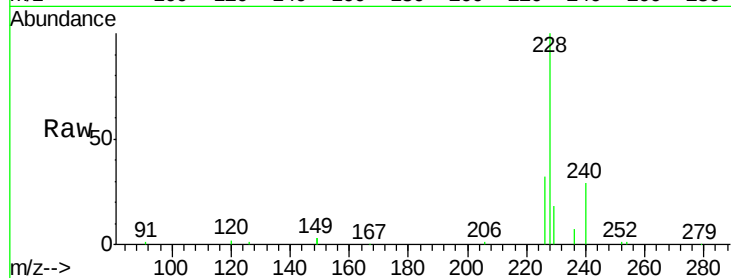
Tgt Ion:228 Resp: 42473

Ion Ratio Lower Upper

228 100

226 32.4 21.0 31.4#

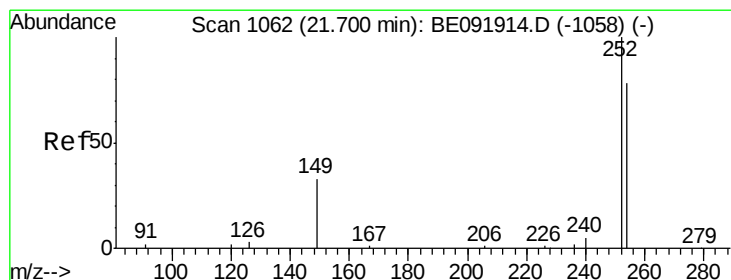
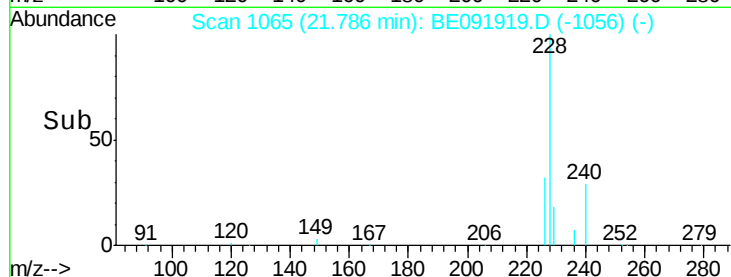
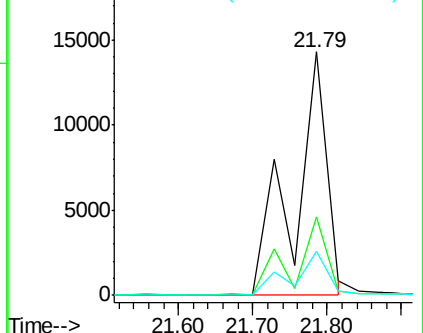
229 18.1 15.8 23.8



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: BE091919.D

Acq: 15 Jun 2016 11:23

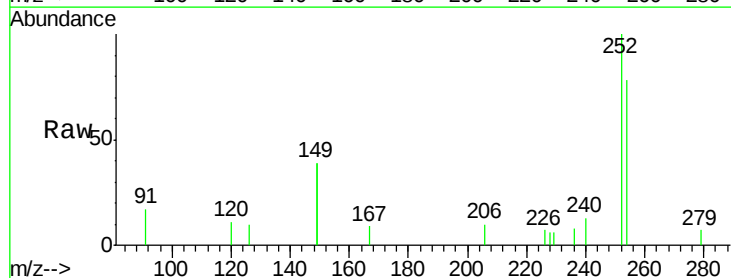
Tgt Ion:252 Resp: 2316

Ion Ratio Lower Upper

252 100

254 78.5 61.5 92.3

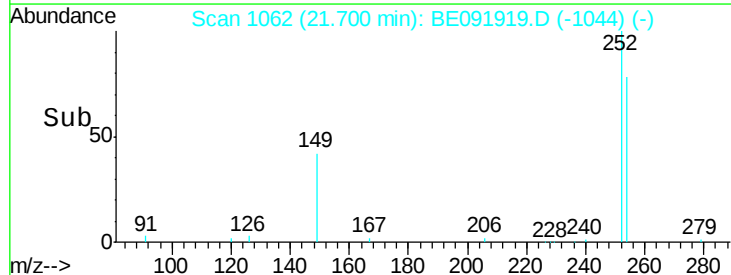
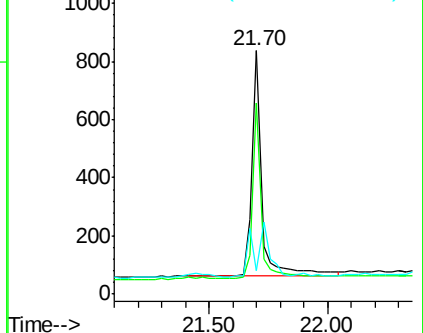
126 9.7 2.5 3.7#

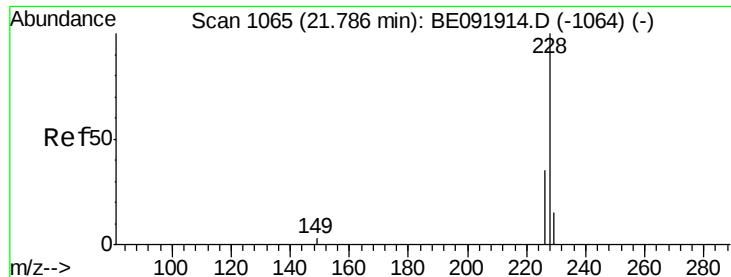


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.67 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

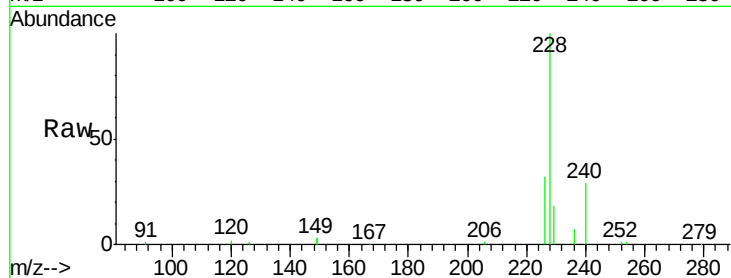
Tgt Ion:228 Resp: 42958

Ion Ratio Lower Upper

228 100

226 32.4 27.0 40.6

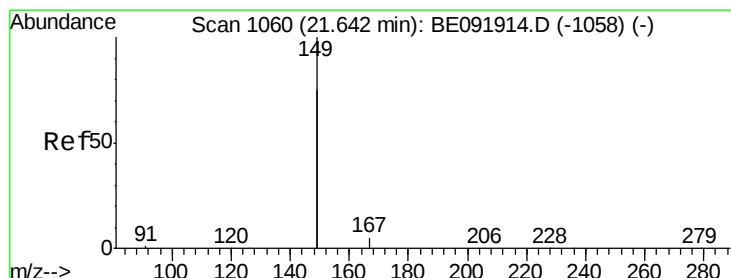
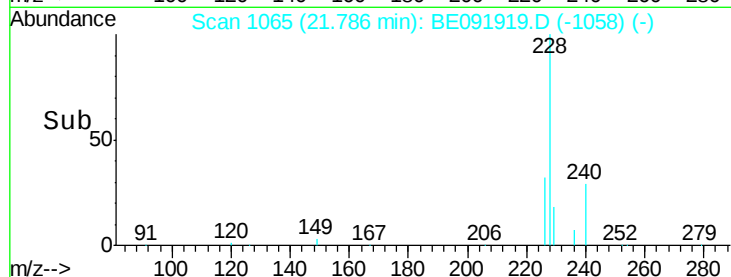
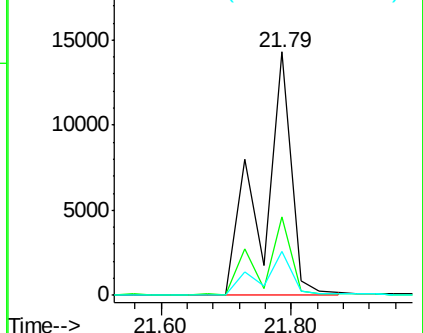
229 18.1 13.8 20.8



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: 0.39 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

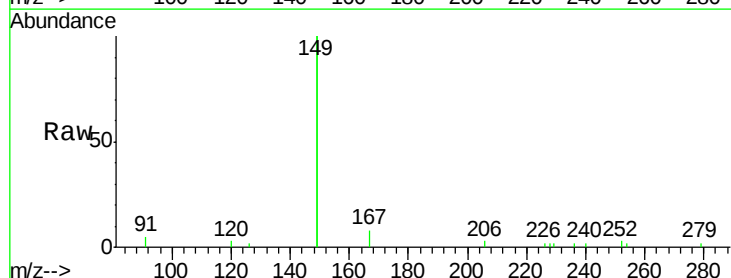
Tgt Ion:149 Resp: 11372

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

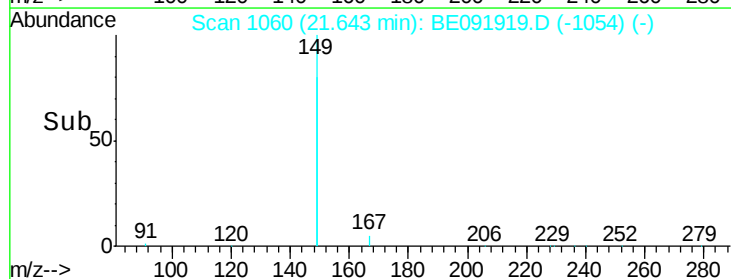
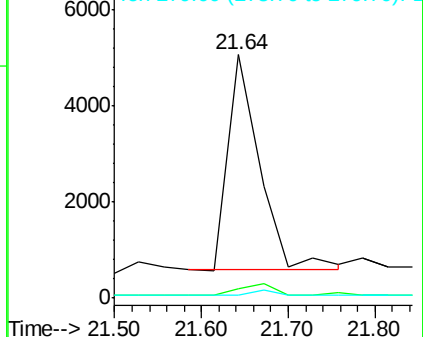
279 0.0 0.0 0.0

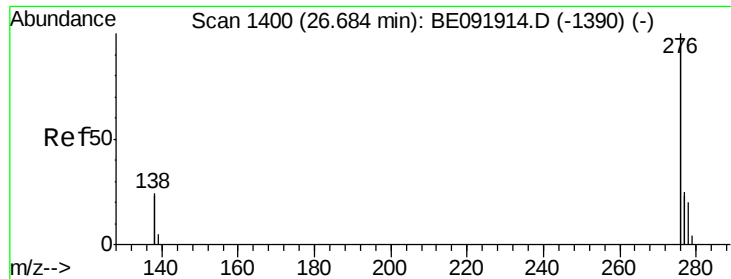


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.35 ng

RT: 26.68 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

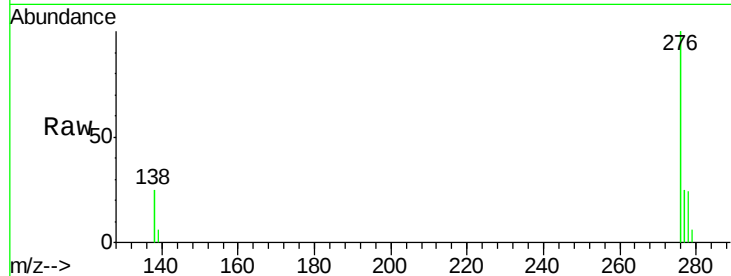
Tgt Ion: 276 Resp: 77508

Ion Ratio Lower Upper

276 100

138 26.0 19.7 29.5

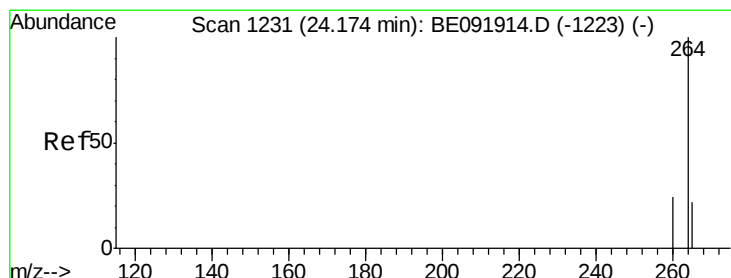
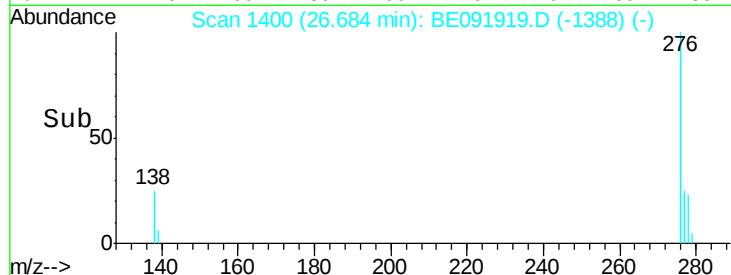
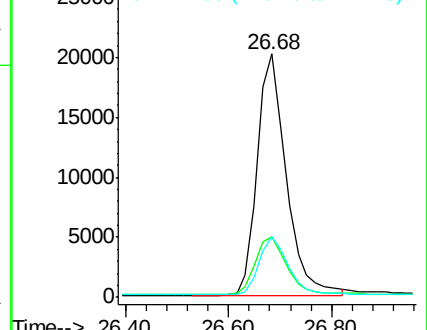
277 24.4 20.1 30.1



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: 24.17 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

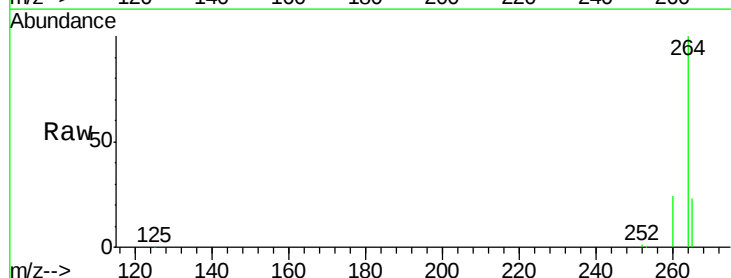
Tgt Ion: 264 Resp: 198354

Ion Ratio Lower Upper

264 100

260 23.5 20.3 30.5

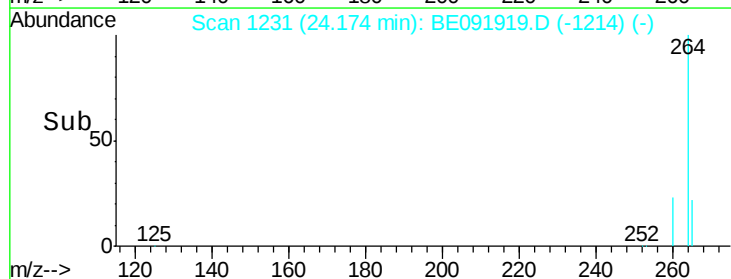
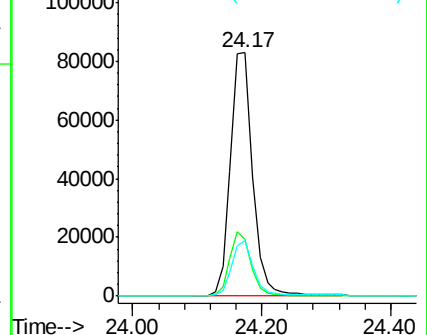
265 22.8 17.6 26.4

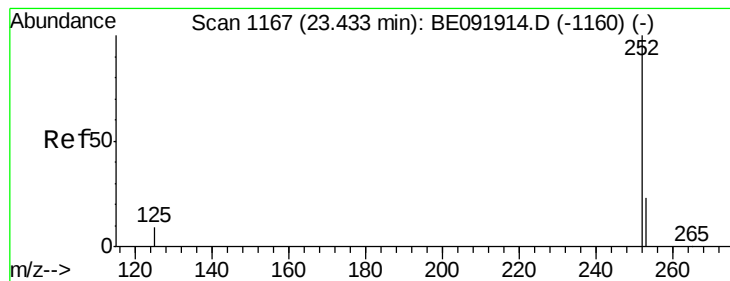


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 23.42 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

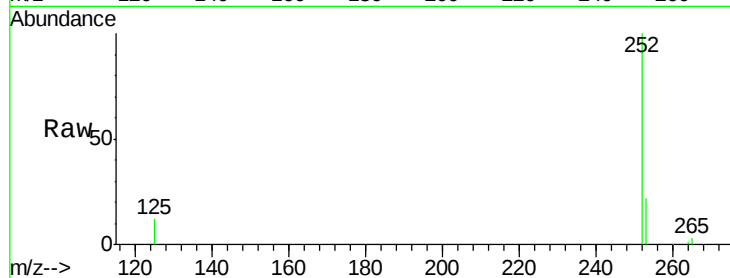
Tgt Ion:252 Resp: 17593

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

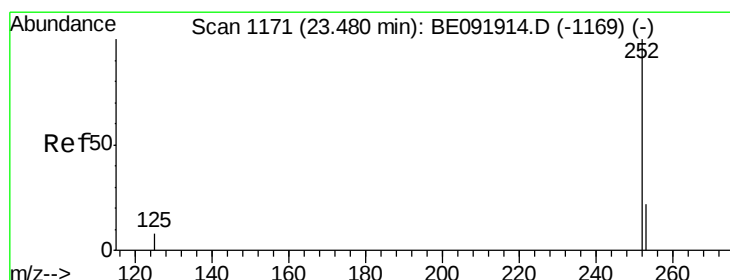
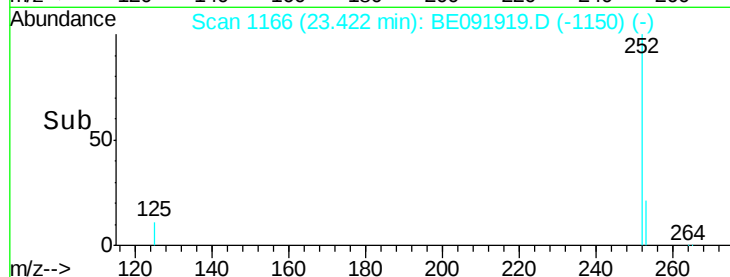
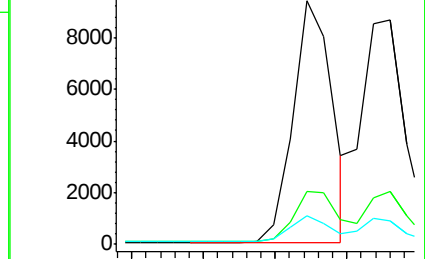
125 11.8 9.4 14.2



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: 0.40 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

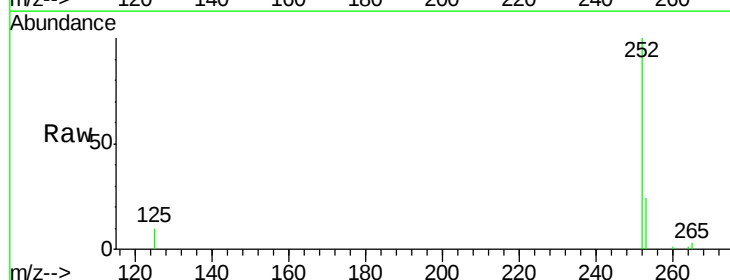
Tgt Ion:252 Resp: 18787

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

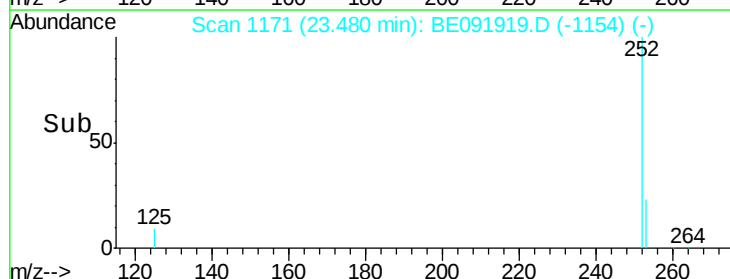
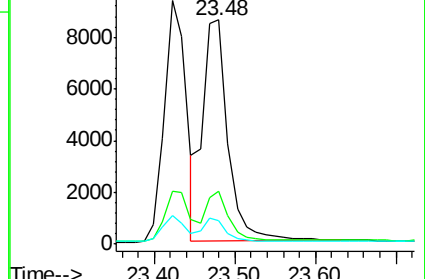
125 10.3 8.3 12.5



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: 0.37 ng

RT: 24.06 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

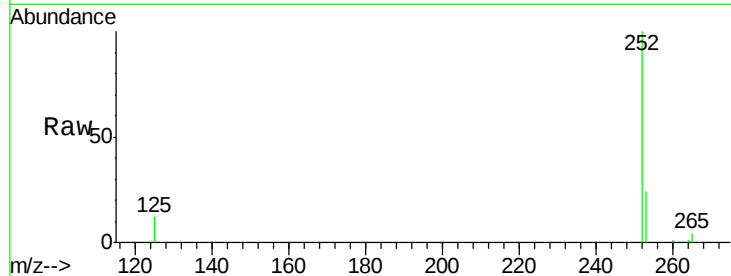
Tgt Ion: 252 Resp: 16595

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

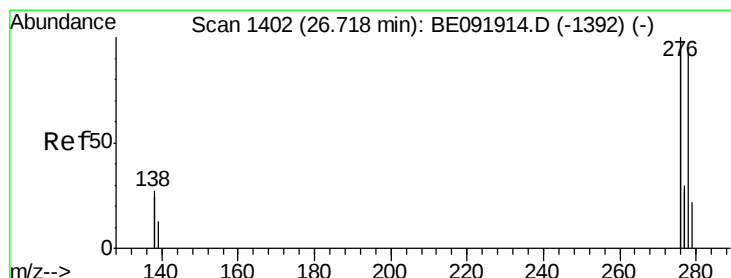
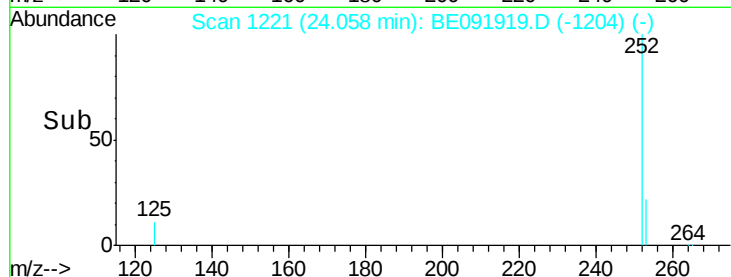
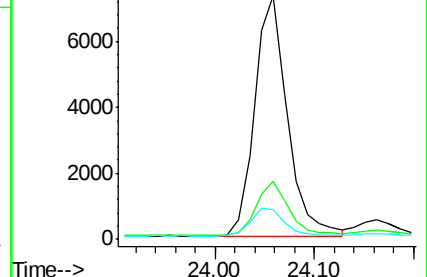
125 12.5 10.5 15.7



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: 0.36 ng

RT: 26.70 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BE091919.D

Acq: 15 Jun 2016 11:23

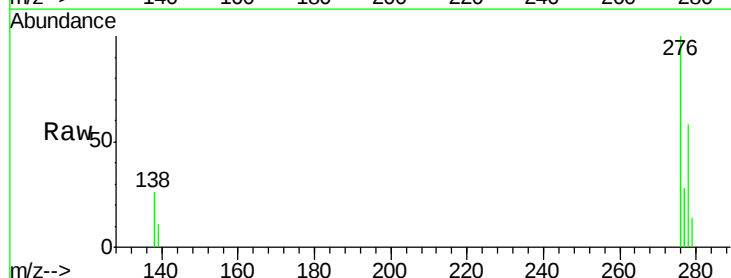
Tgt Ion: 278 Resp: 15803

Ion Ratio Lower Upper

278 100

139 19.0 12.6 18.8#

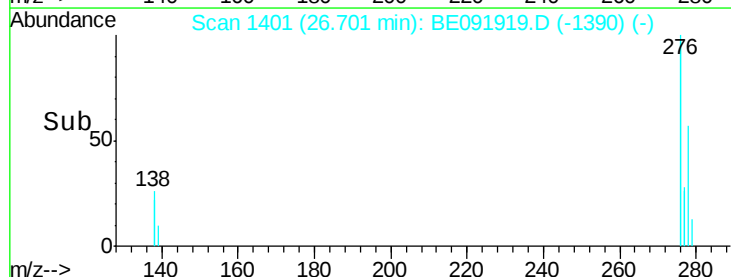
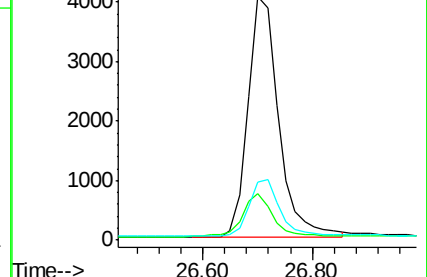
279 24.0 20.0 30.0

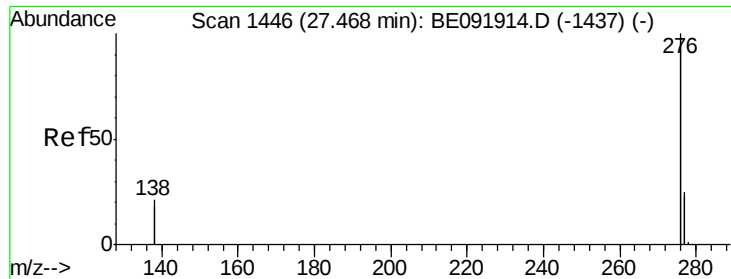


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.47 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BE091919.D

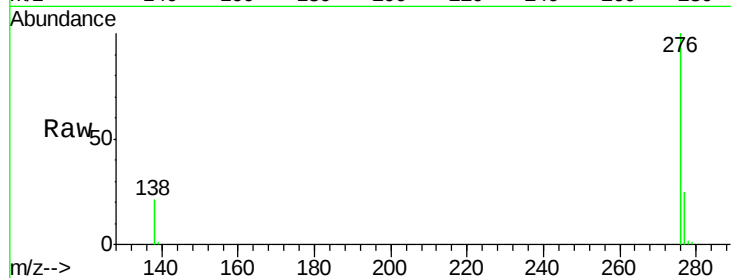
Acq: 15 Jun 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



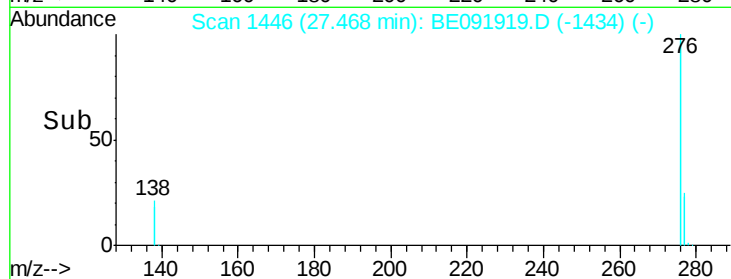
Tgt Ion: 276 Resp: 65521

Ion Ratio Lower Upper

276 100

277 25.4 19.5 29.3

138 21.4 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

