

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070716\
 Data File : BE091984.D
 Acq On : 7 Jul 2016 17:09
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 08 01:06:07 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21335	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	99200	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	70732	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	149684	5.00	ng	0.00
31) Chrysene-d12	21.76	240	236029	5.00	ng	0.00
40) Perylene-d12	24.17	264	194813	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	1662	0.33	ng	0.00
5) Phenol-d6	7.37	99	2225	0.31	ng	0.00
9) Nitrobenzene-d5	9.37	82	2313	0.34	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	579	0.37	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	6920	0.40	ng	0.00
34) Terphenyl-d14	20.22	244	11389	0.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	1137	0.39	ng	92
3) n-Nitrosodimethylamine	3.84	42	1169	0.35	ng	# 83
6) bis(2-Chloroethyl)ether	7.63	93	2267	0.37	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	1940	0.33	ng	# 99
10) Nitrobenzene	9.42	77	2416	0.33	ng	# 98
11) bis(2-Chloroethoxy)methane	10.45	93	3415	0.41	ng	# 20
12) Naphthalene	11.04	128	8835	0.38	ng	96
13) Hexachlorobutadiene	11.34	225	1341	0.38	ng	98
14) 2-Methylnaphthalene	12.68	142	5501	0.37	ng	97
18) Acenaphthylene	14.56	152	32099	0.36	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	4584	0.35	ng	# 45
20) Acenaphthene	14.92	154	7457	0.39	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	7522	0.54	ng	# 1
22) Fluorene	15.90	166	7708	0.38	ng	97
23) 4-Chlorophenyl-phenylether	15.90	204	3953	0.39	ng	96
25) 4-Bromophenyl-phenylether	16.78	248	2369	0.36	ng	98
26) Hexachlorobenzene	16.90	284	2476	0.38	ng	98
27) Pentachlorophenol	17.26	266	487	0.33	ng	95
28) Phenanthrene	17.64	178	15243	0.39	ng	100
29) Anthracene	17.73	178	13131	0.36	ng	100
30) Fluoranthene	19.65	202	66830	0.40	ng	# 88
32) Benzidine	19.86	184	3246	0.38	ng	# 94
33) Pyrene	20.02	202	67403	0.39	ng	# 80
35) Benzo(a)anthracene	21.78	228	35107	0.89	ng	# 87
36) 3,3'-Dichlorobenzidine	21.70	252	3545	0.28	ng	# 95
37) Chrysene	21.78	228	35722	0.64	ng	97
38) Bis(2-ethylhexyl)phthalate	21.67	149	13077	0.29	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	81097	0.37	ng	98
41) Benzo(b)fluoranthene	23.43	252	19159	0.36	ng	99
42) Benzo(k)fluoranthene	23.48	252	19321	0.37	ng	96
43) Benzo(a)pyrene	24.06	252	17688	0.35	ng	98
44) Dibenzo(a,h)anthracene	26.72	278	16298	0.34	ng	97
45) Benzo(g,h,i)perylene	27.47	276	67960	0.35	ng	96

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QLast Update : Tue Jul 05 16:14:58 2016
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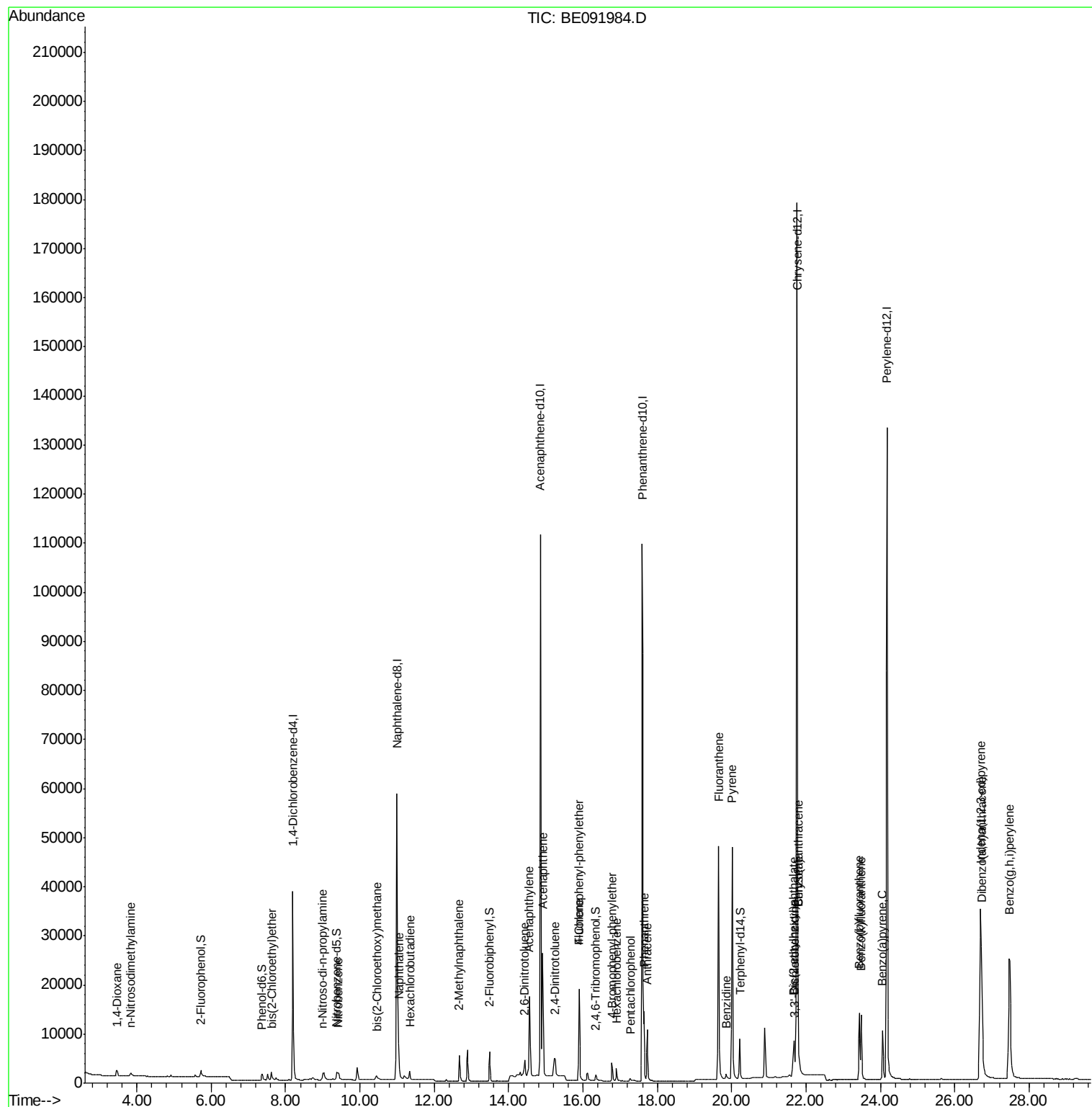
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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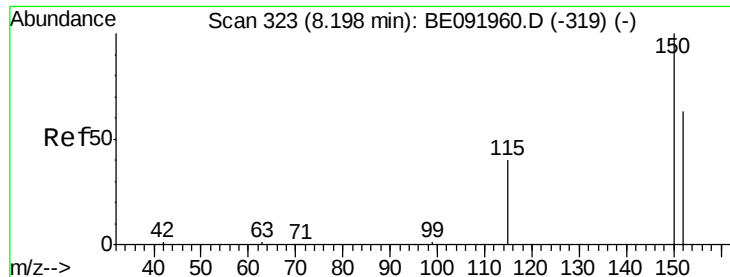
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

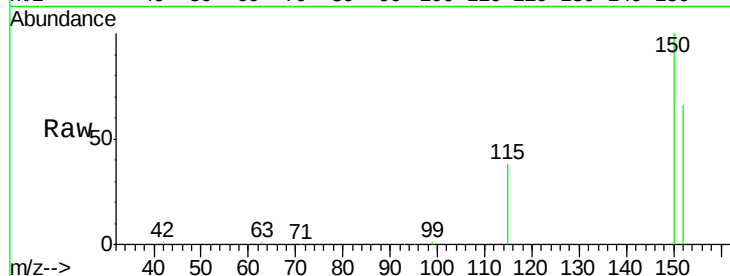
Tgt Ion:152 Resp: 21335

Ion Ratio Lower Upper

152 100

150 152.1 123.9 185.9

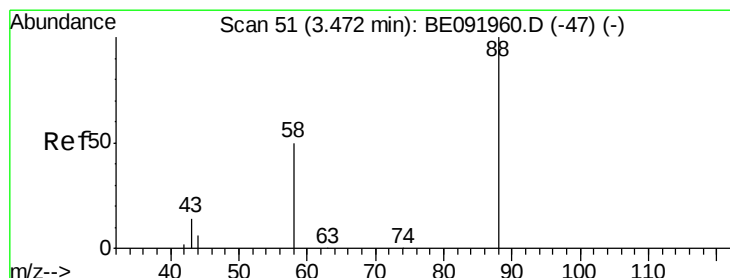
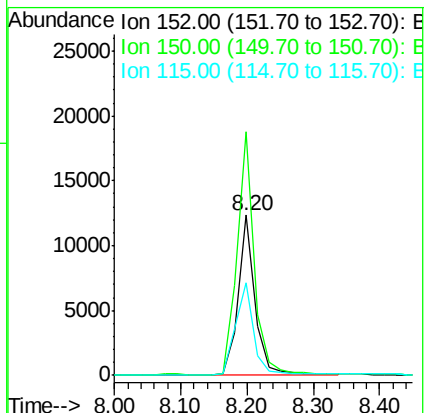
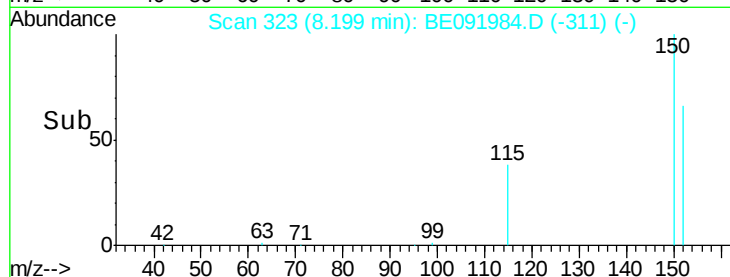
115 58.0 48.3 72.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.39 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

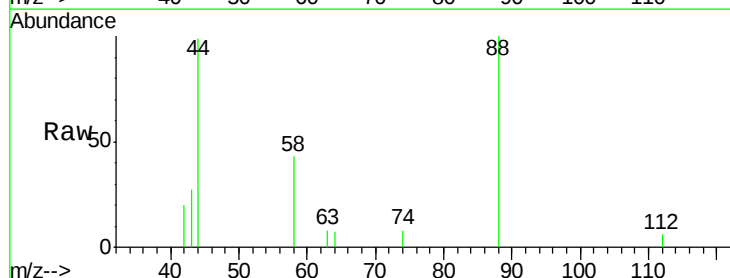
Tgt Ion: 88 Resp: 1137

Ion Ratio Lower Upper

88 100

58 85.5 63.0 94.4

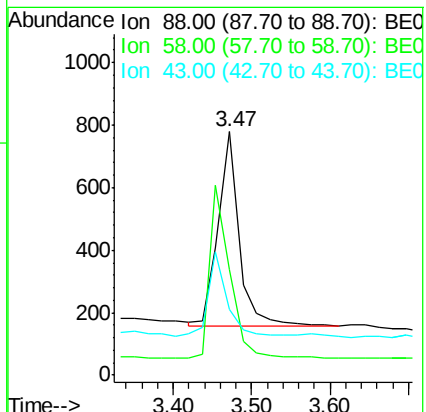
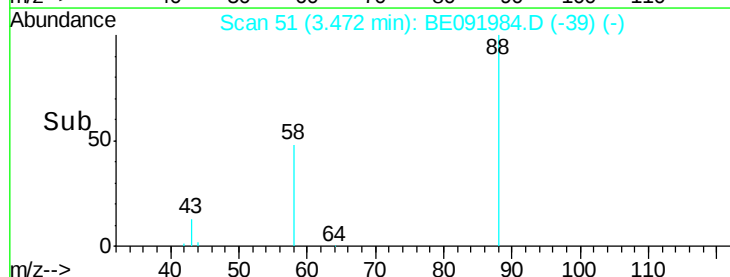
43 40.7 29.1 43.7

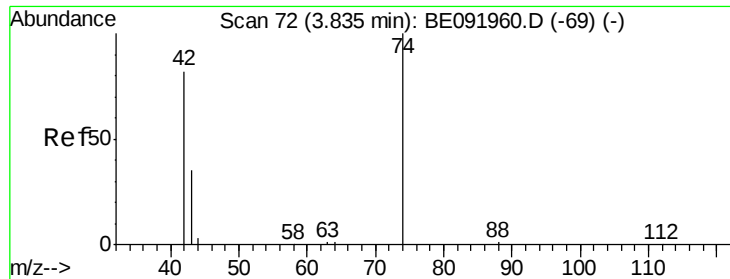


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 3.84 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

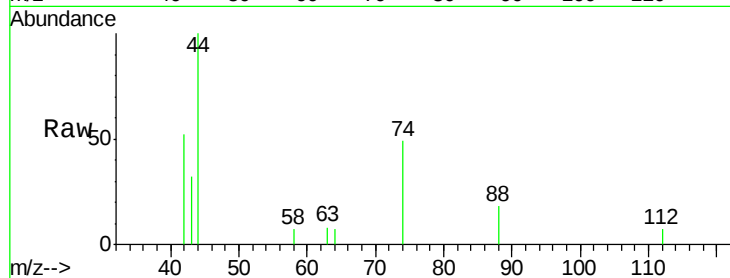
Tgt Ion: 42 Resp: 1169

Ion Ratio Lower Upper

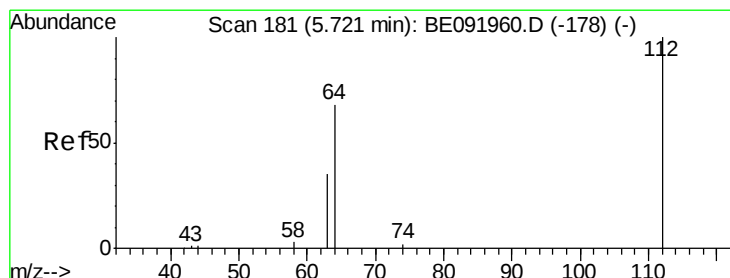
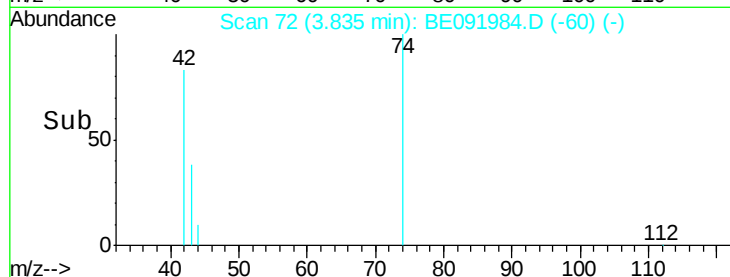
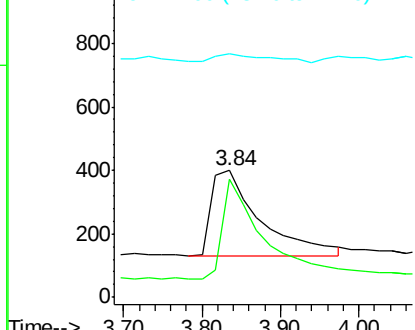
42 100

74 98.0 93.4 140.0

44 10.6 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: 0.33 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

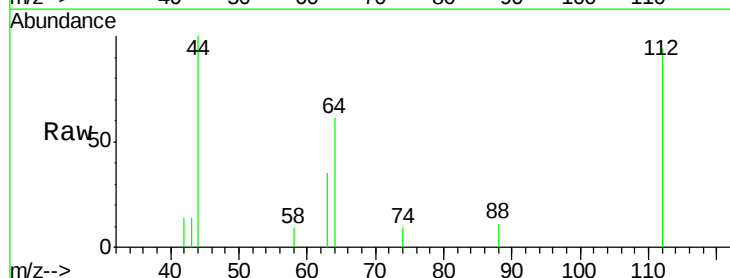
Tgt Ion: 112 Resp: 1662

Ion Ratio Lower Upper

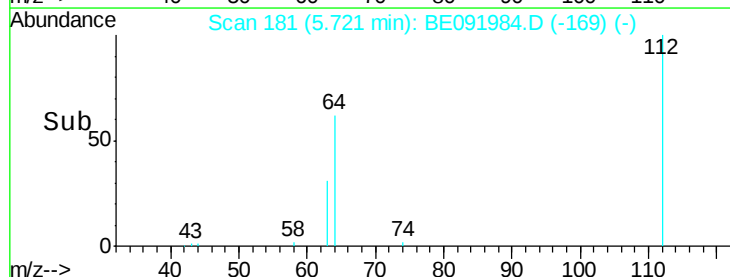
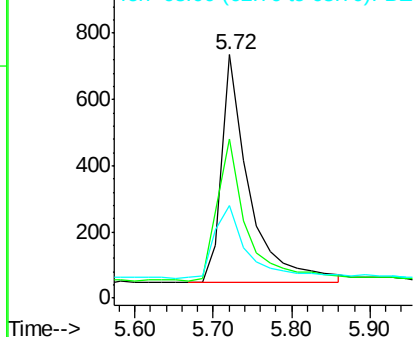
112 100

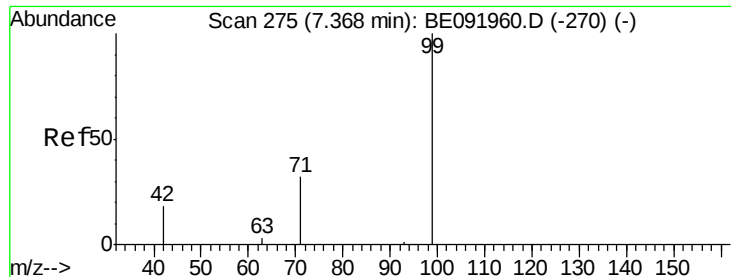
64 67.4 53.7 80.5

63 37.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.31 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

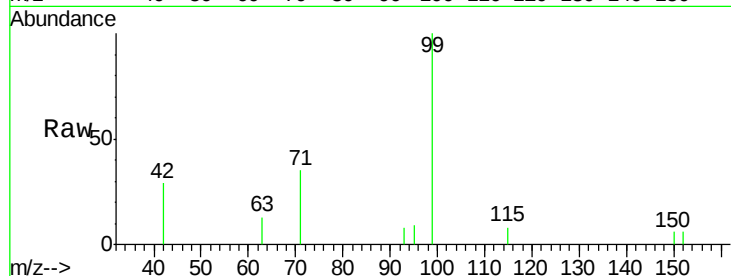
Tgt Ion: 99 Resp: 2225

Ion Ratio Lower Upper

99 100

42 25.6 19.6 29.4

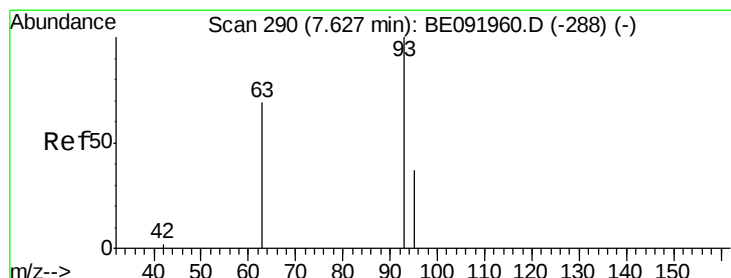
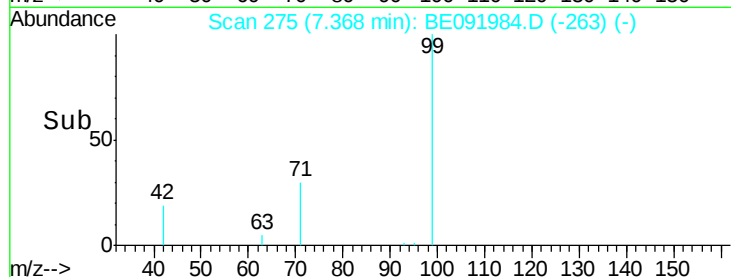
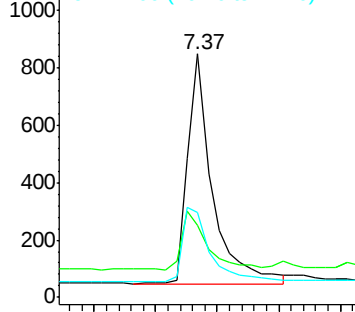
71 36.6 28.1 42.1



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: 0.37 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

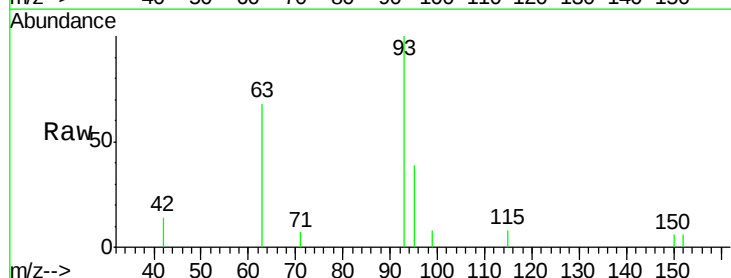
Tgt Ion: 93 Resp: 2267

Ion Ratio Lower Upper

93 100

63 80.3 66.2 99.4

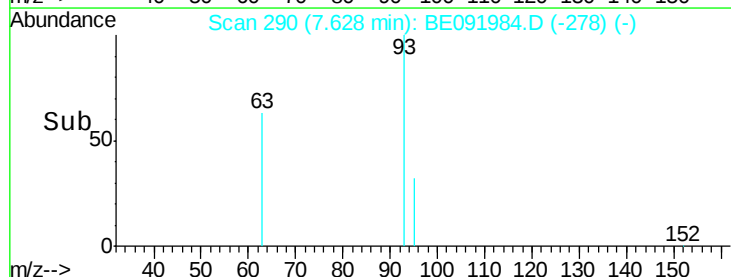
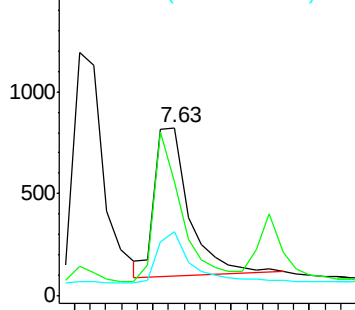
95 33.5 25.5 38.3

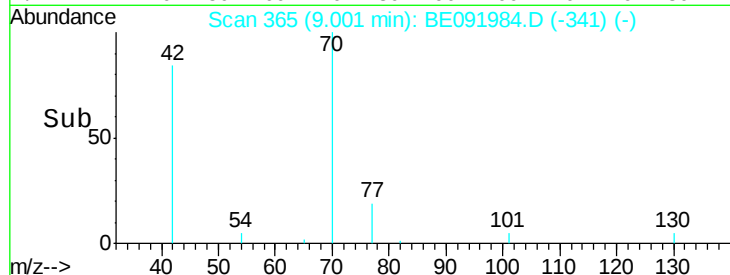
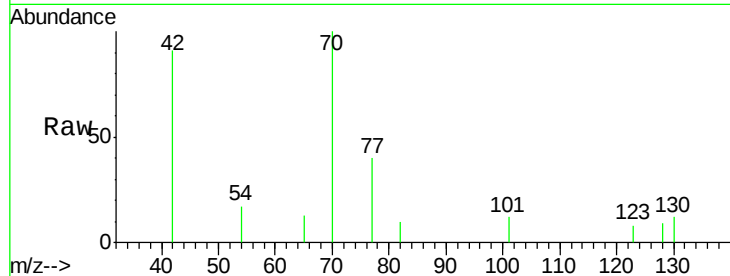
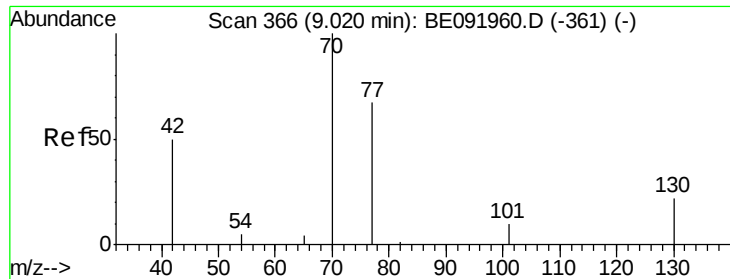


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 0.33 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 70 Resp: 1940

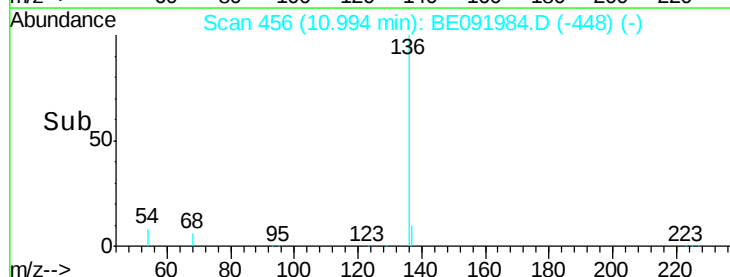
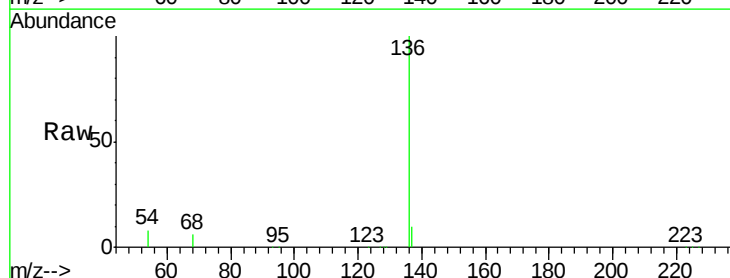
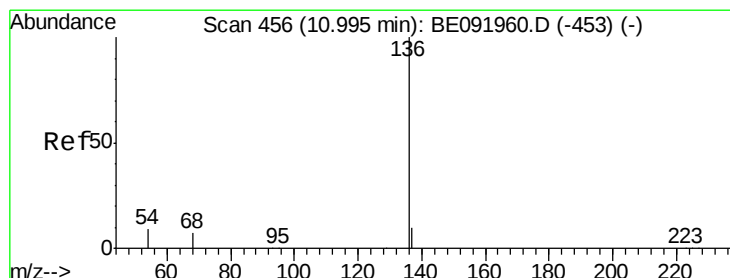
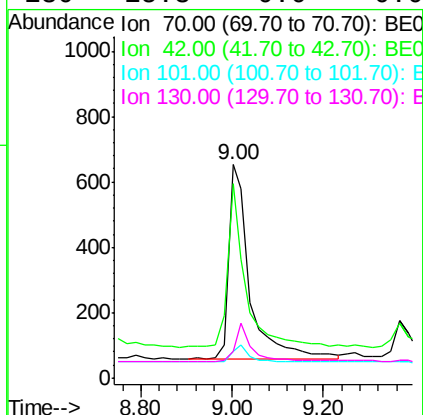
Ion Ratio Lower Upper

70 100

42 71.9 58.4 87.6

101 8.8 6.4 9.6

130 15.3 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Tgt Ion: 136 Resp: 99200

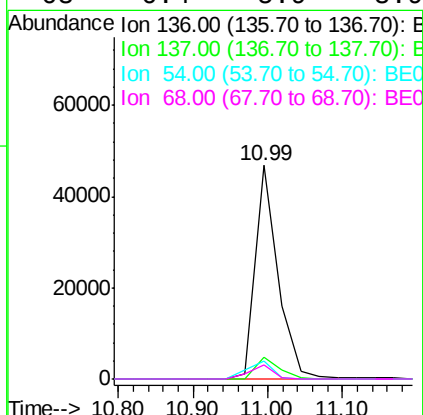
Ion Ratio Lower Upper

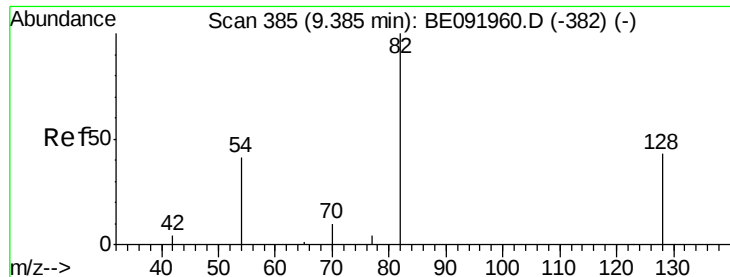
136 100

137 10.1 8.3 12.5

54 8.4 8.2 12.4

68 6.4 5.9 8.9





#9

Nitrobenzene-d5

Concen: 0.34 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

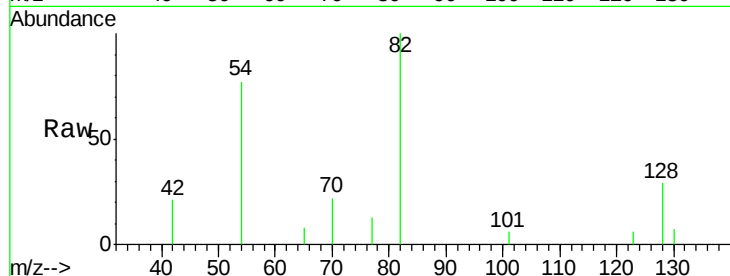
Tgt Ion: 82 Resp: 2313

Ion Ratio Lower Upper

82 100

128 28.7 39.5 59.3#

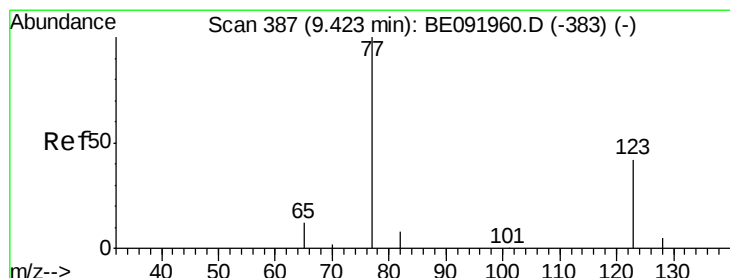
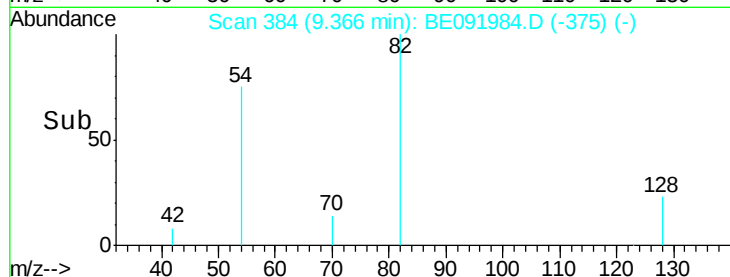
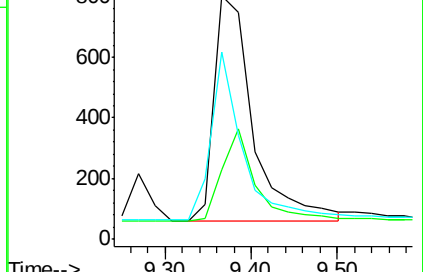
54 77.2 30.3 45.5#



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: 0.33 ng

RT: 9.42 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

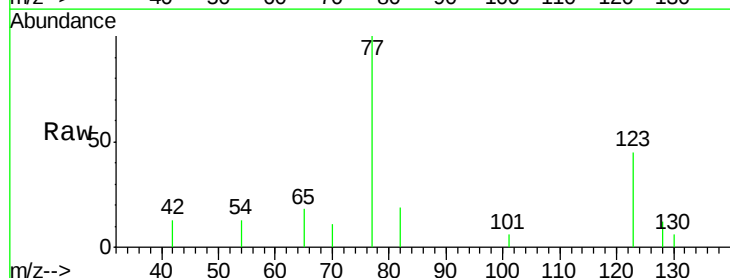
Tgt Ion: 77 Resp: 2416

Ion Ratio Lower Upper

77 100

123 38.2 0.0 0.0#

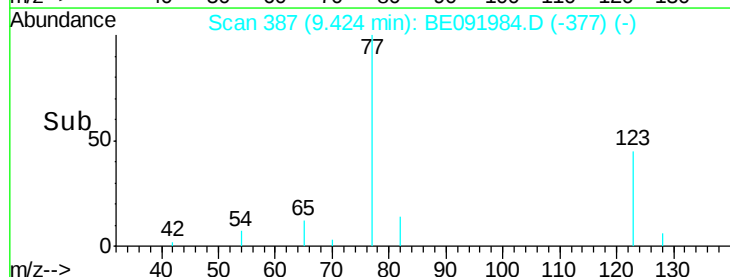
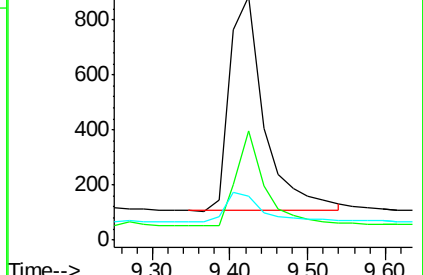
65 14.7 11.1 16.7

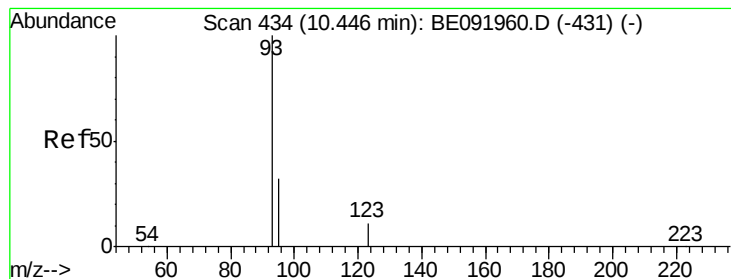


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

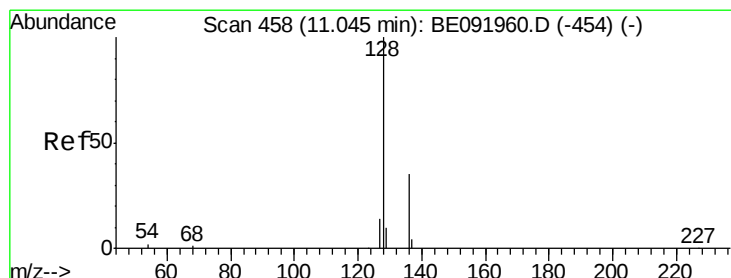
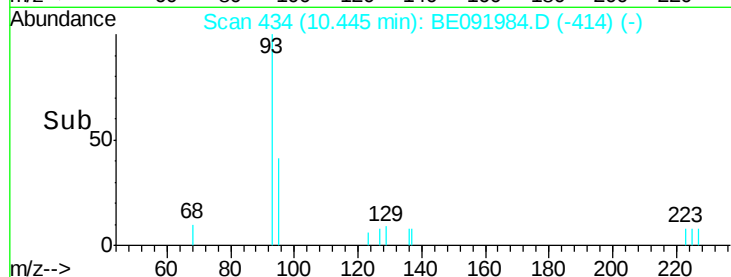
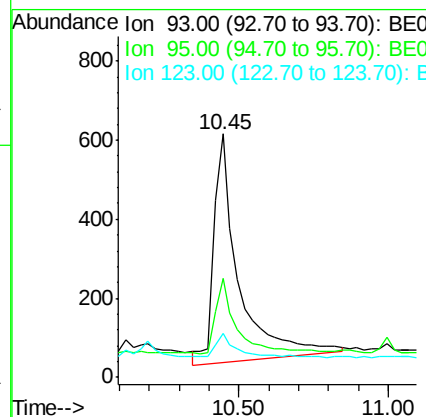
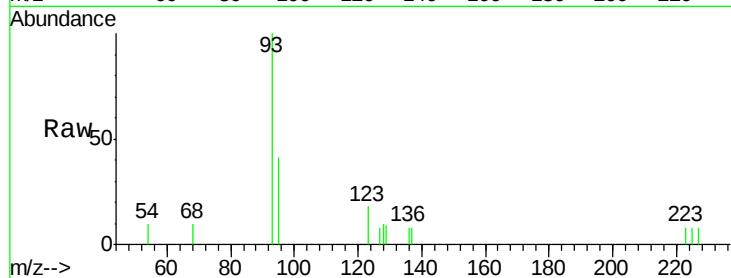




#11
 bis(2-Chloroethoxy)methane
 Concen: 0.41 ng
 RT: 10.45 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BE091984.D
 Acq: 7 Jul 2016 17:09

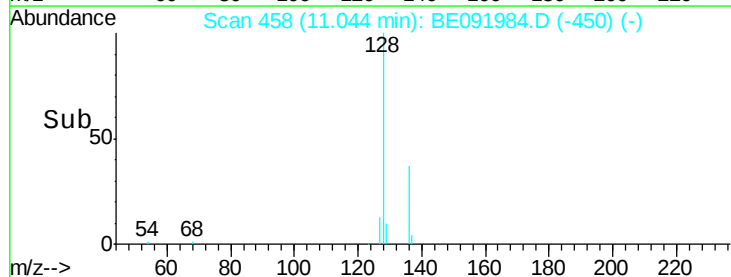
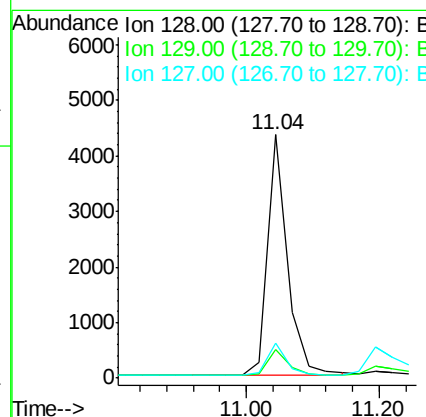
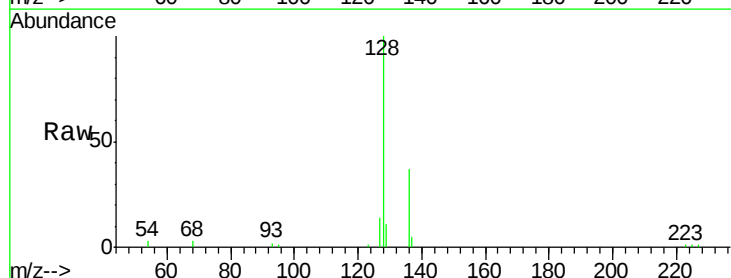
Instrument :
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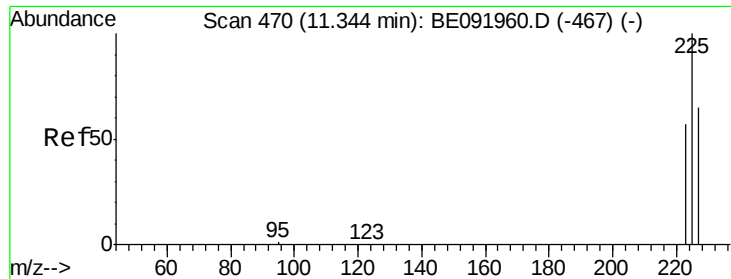
Tgt Ion: 93 Resp: 3415
 Ion Ratio Lower Upper
 93 100
 95 39.2 57.6 86.4#
 123 7.8 100.2 150.4#



#12
 Naphthalene
 Concen: 0.38 ng
 RT: 11.04 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BE091984.D
 Acq: 7 Jul 2016 17:09

Tgt Ion: 128 Resp: 8835
 Ion Ratio Lower Upper
 128 100
 129 11.5 10.4 15.6
 127 14.5 10.2 15.2

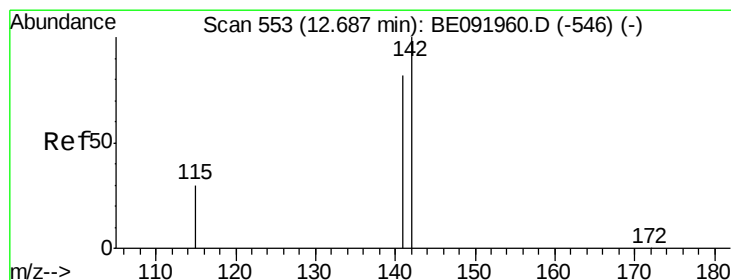
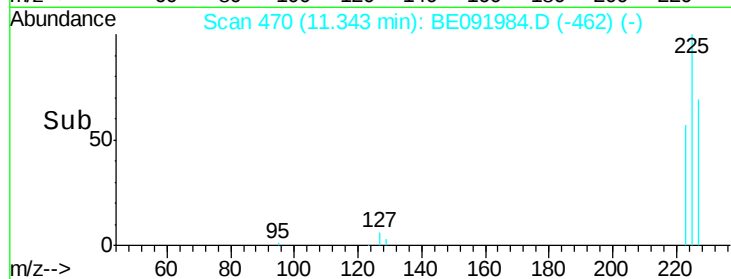
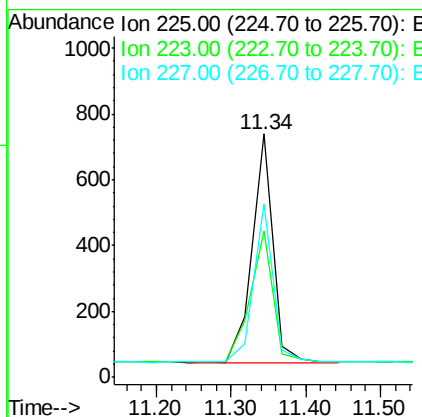
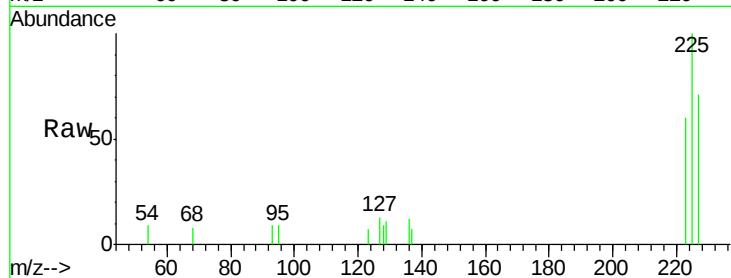




#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

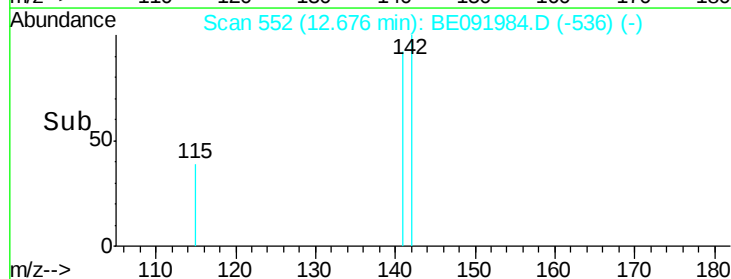
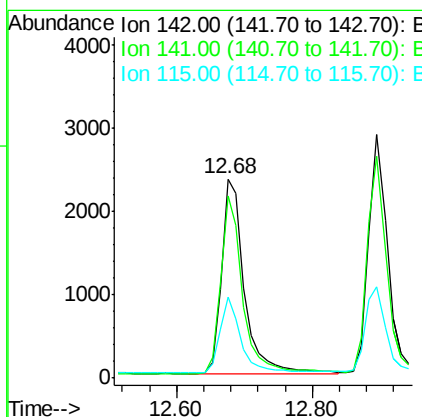
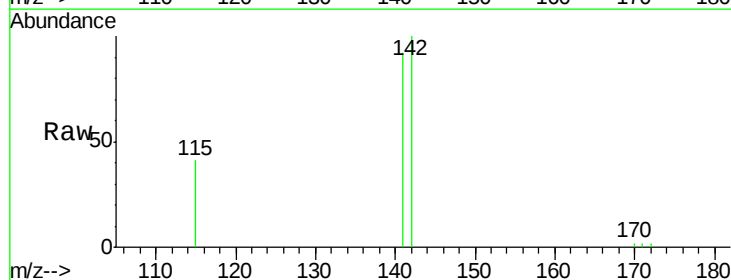
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

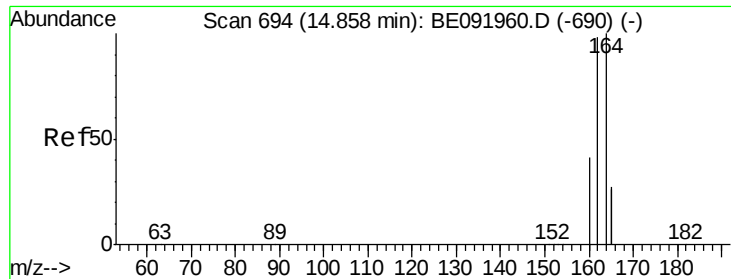
Tgt Ion: 225 Resp: 1341
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 66.0 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.01 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

Tgt Ion: 142 Resp: 5501
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
115 40.5 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: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

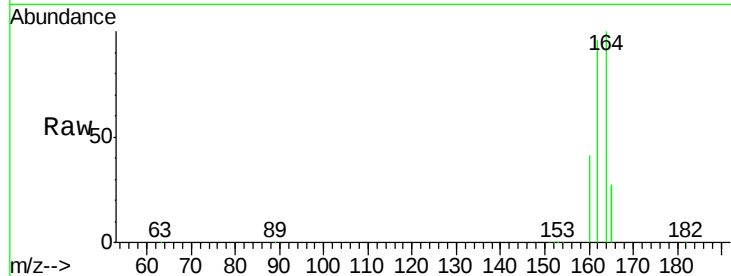
Tgt Ion:164 Resp: 70732

Ion Ratio Lower Upper

164 100

162 96.3 71.8 107.8

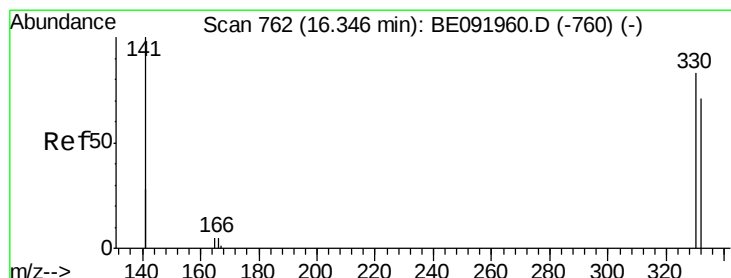
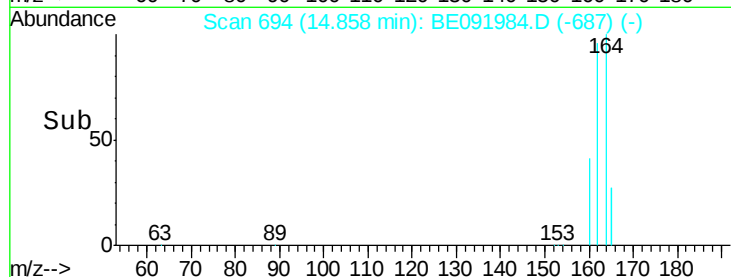
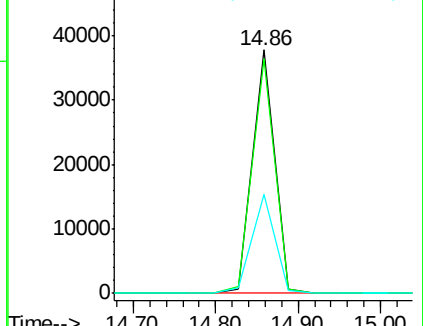
160 40.7 28.0 42.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.37 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

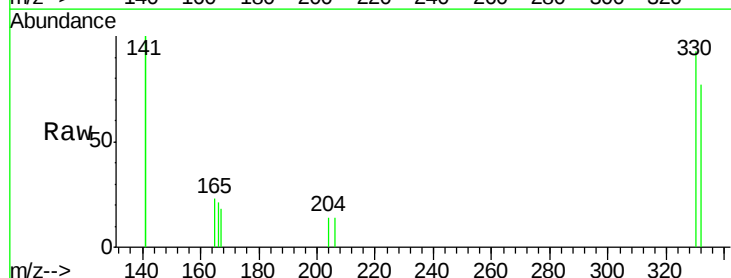
Tgt Ion:330 Resp: 579

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

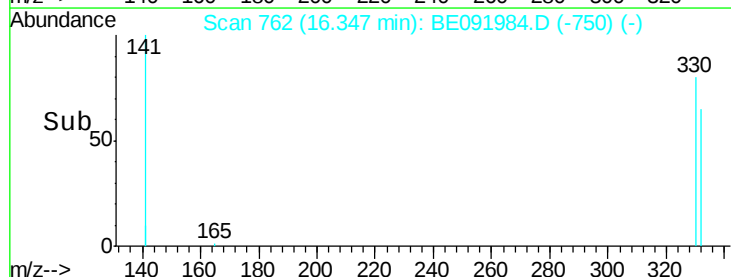
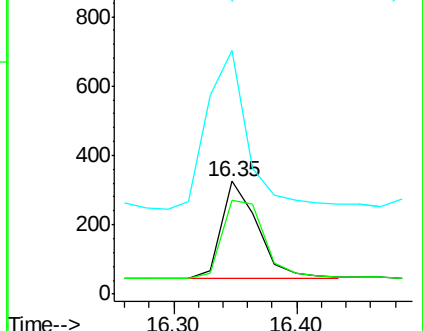
141 181.5 138.4 207.6

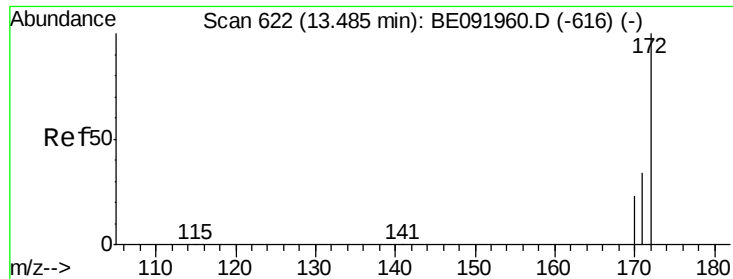


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

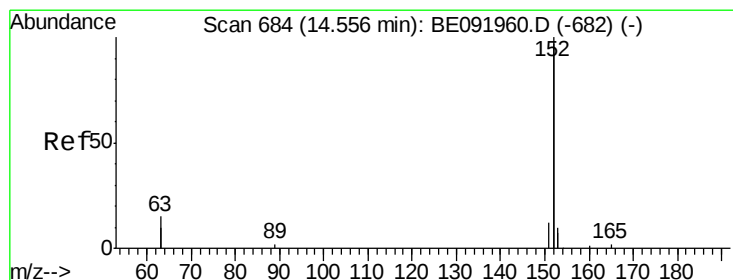
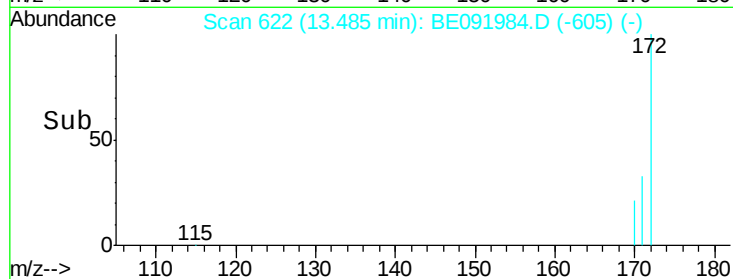
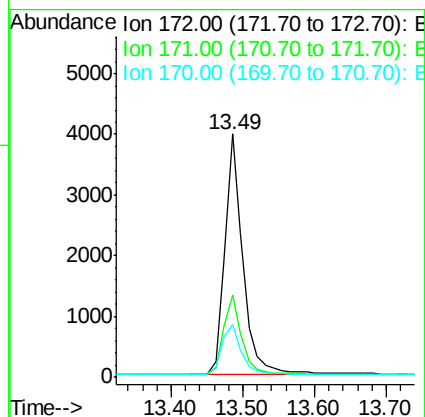
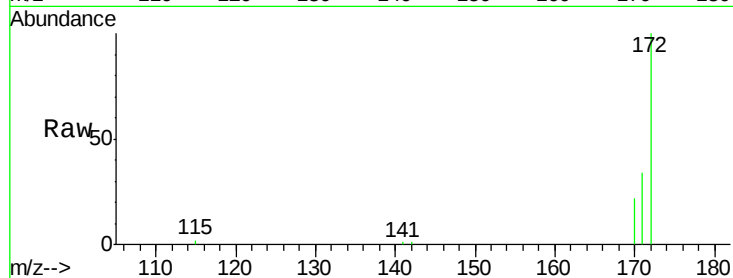




#17
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

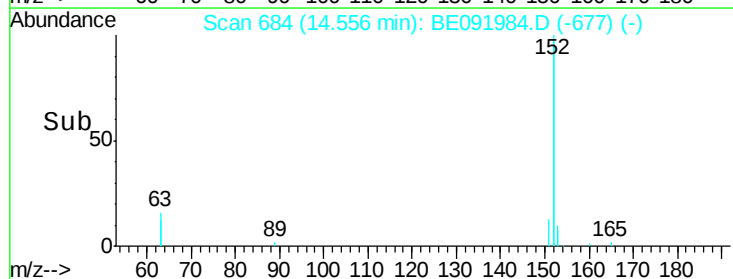
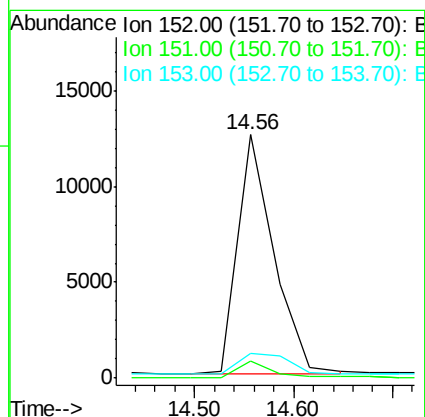
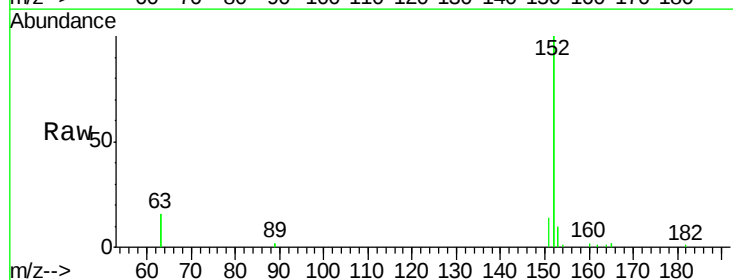
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

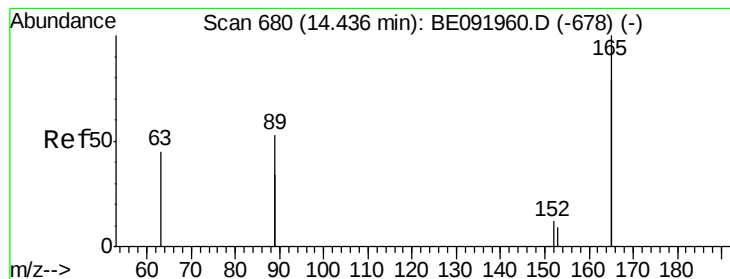
Tgt Ion:172 Resp: 6920
Ion Ratio Lower Upper
172 100
171 33.8 24.3 36.5
170 21.9 14.9 22.3



#18
Acenaphthylene
Concen: 0.36 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

Tgt Ion:152 Resp: 32099
Ion Ratio Lower Upper
152 100
151 5.6 19.4 29.2#
153 11.6 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.35 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

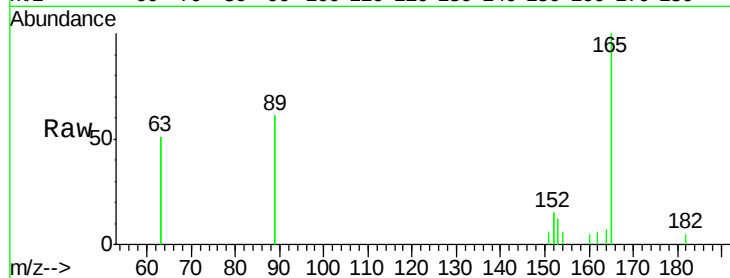
Tgt Ion:165 Resp: 4584

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

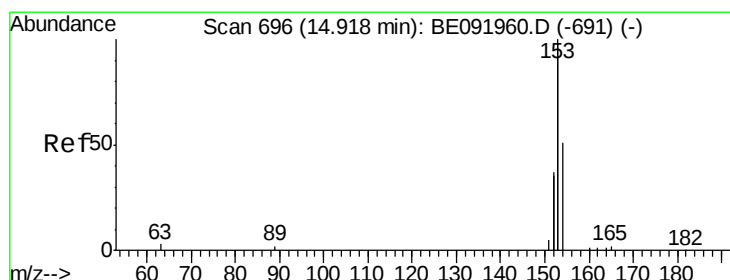
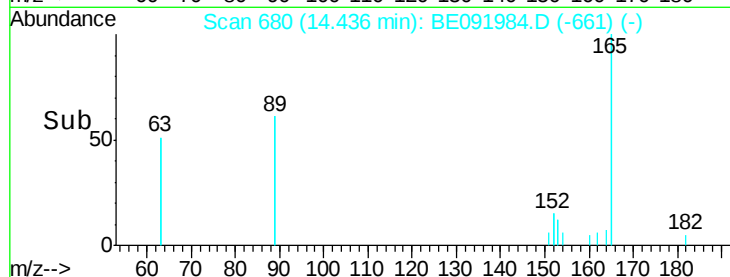
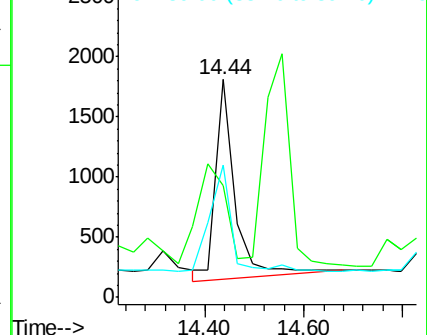
89 61.9 59.1 88.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.39 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

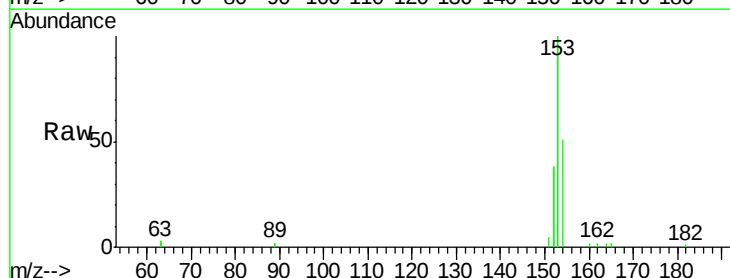
Tgt Ion:154 Resp: 7457

Ion Ratio Lower Upper

154 100

153 393.2 88.1 132.1#

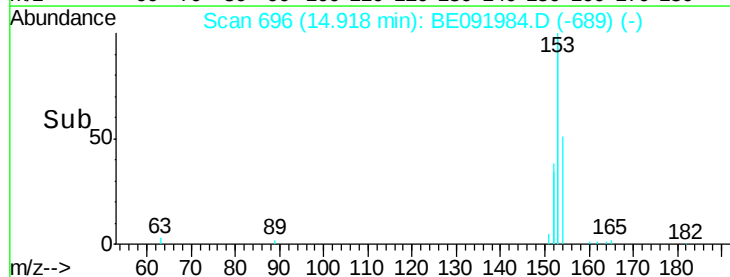
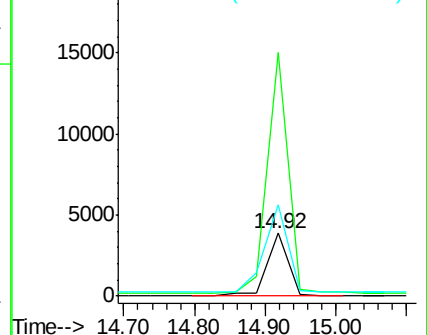
152 163.9 44.2 66.2#

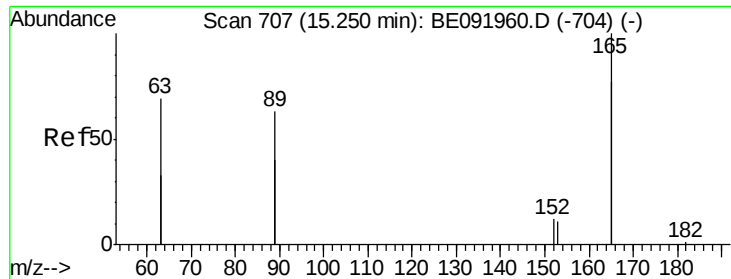


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

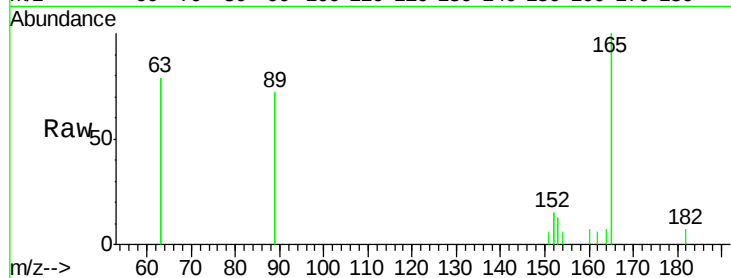




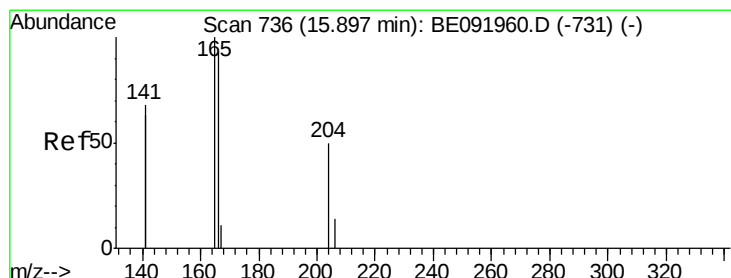
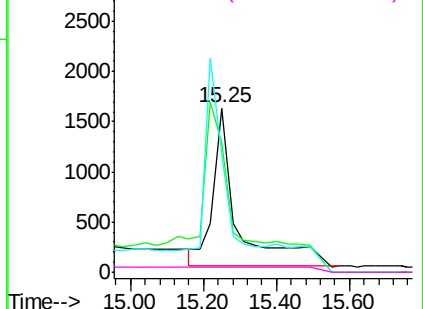
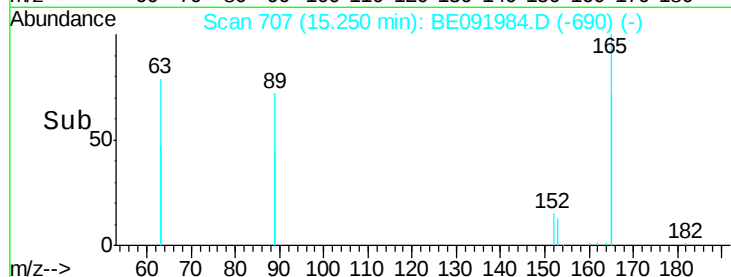
#21
2,4-Dinitrotoluene
Concen: 0.54 ng
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:165 Resp: 7522
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

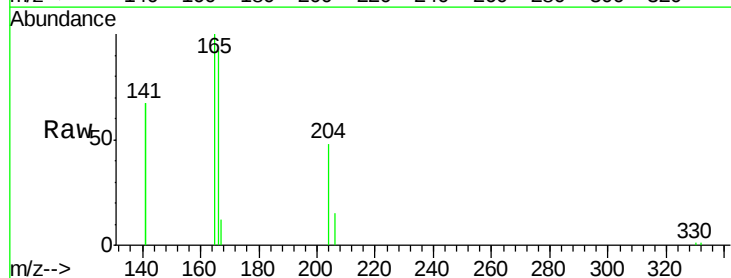


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

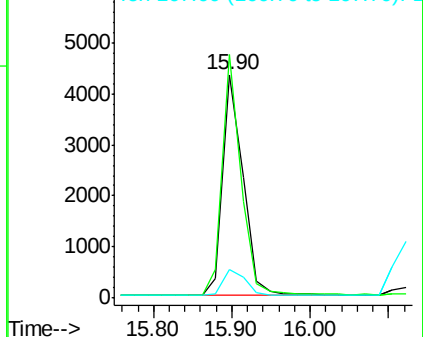
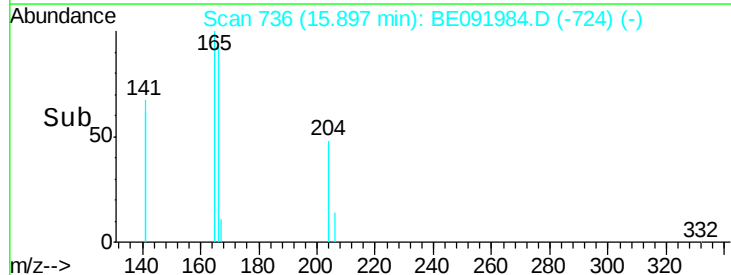


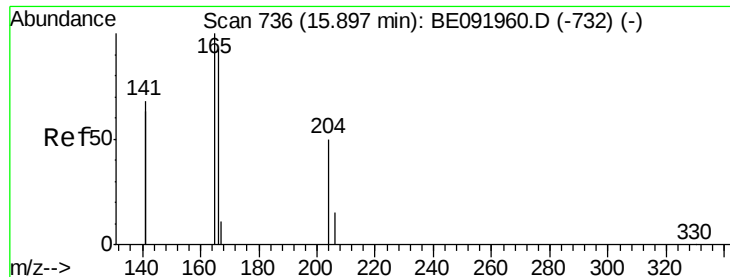
#22
Fluorene
Concen: 0.38 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

Tgt Ion:166 Resp: 7708
Ion Ratio Lower Upper
166 100
165 101.0 78.6 117.8
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

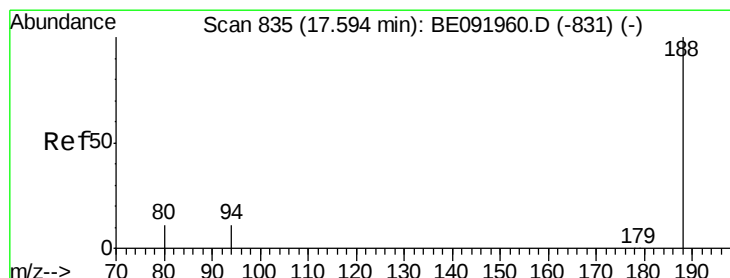
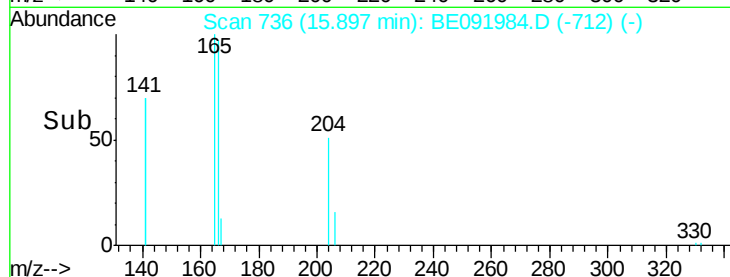
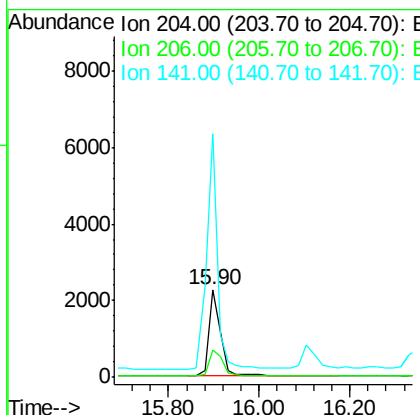
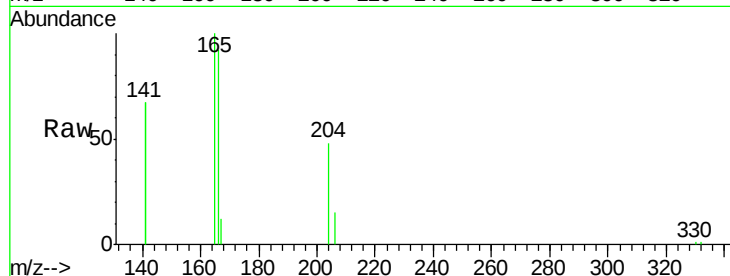




#23
 4-Chlorophenyl-phenylether
 Concen: 0.39 ng
 RT: 15.90 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BE091984.D
 Acq: 7 Jul 2016 17:09

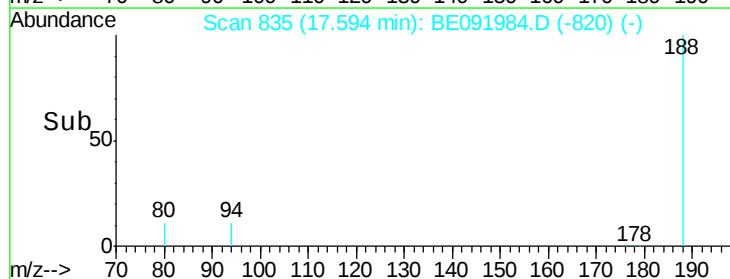
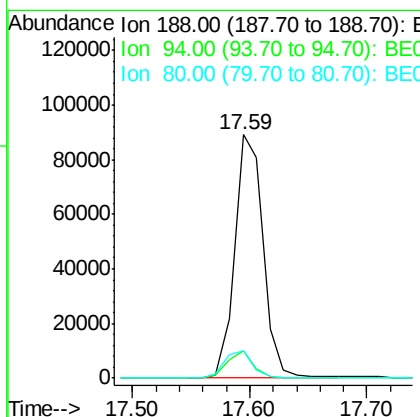
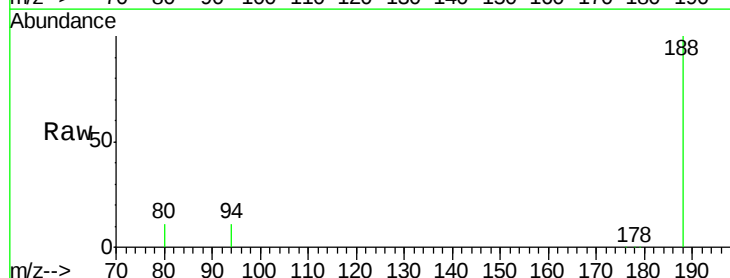
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

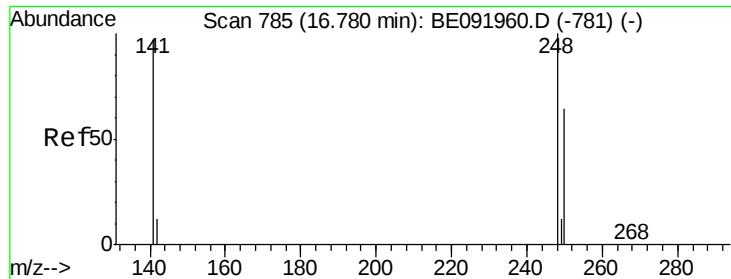
Tgt Ion: 204 Resp: 3953
 Ion Ratio Lower Upper
 204 100
 206 33.5 27.8 41.6
 141 254.7 197.6 296.4



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE091984.D
 Acq: 7 Jul 2016 17:09

Tgt Ion: 188 Resp: 149684
 Ion Ratio Lower Upper
 188 100
 94 11.4 4.1 6.1#
 80 11.5 3.4 5.2#

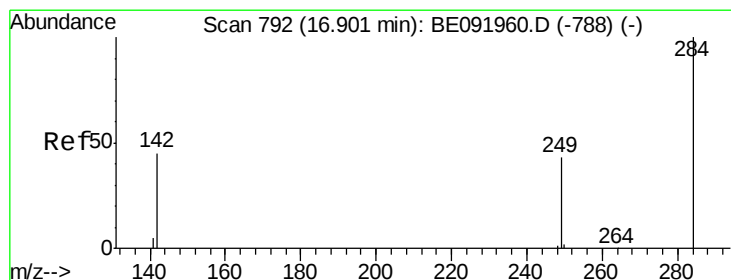
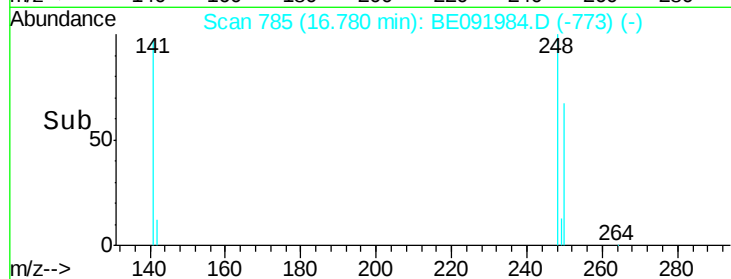
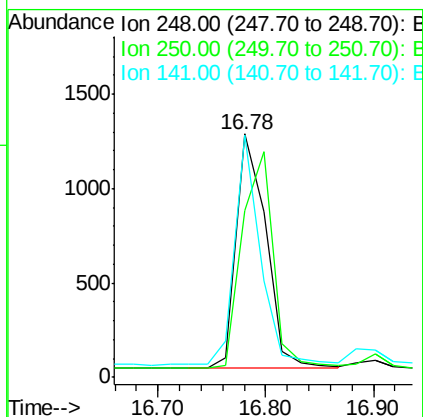
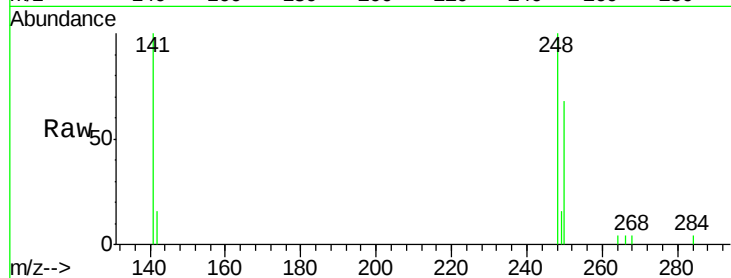




#25
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

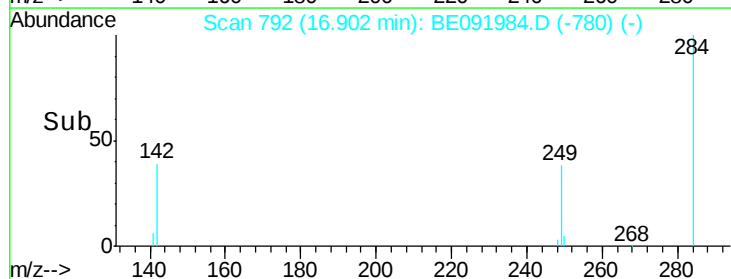
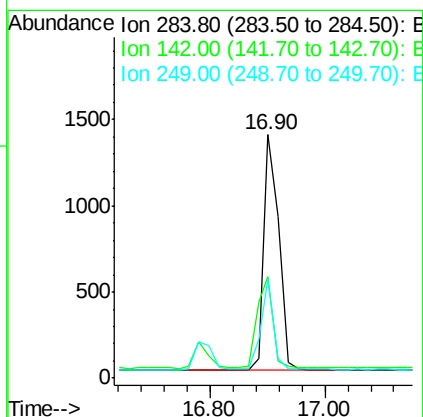
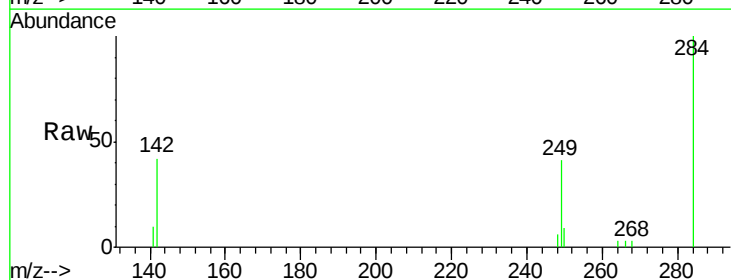
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

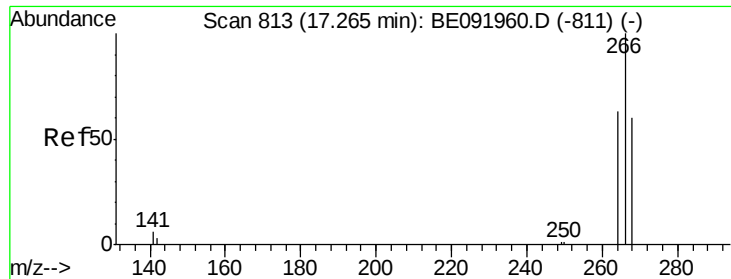
Tgt Ion:248 Resp: 2369
Ion Ratio Lower Upper
248 100
250 96.2 75.7 113.5
141 83.3 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

Tgt Ion:284 Resp: 2476
Ion Ratio Lower Upper
284 100
142 40.9 31.4 47.2
249 32.6 25.3 37.9





#27

Pentachlorophenol

Concen: 0.33 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

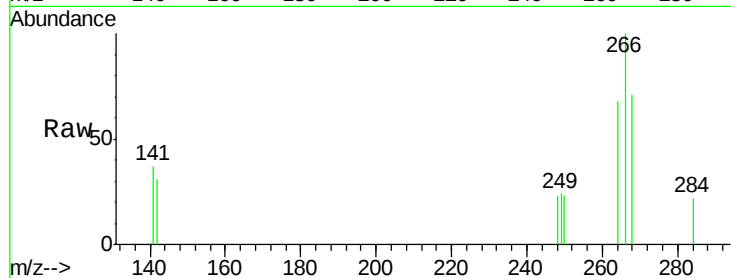
Tgt Ion:266 Resp: 487

Ion Ratio Lower Upper

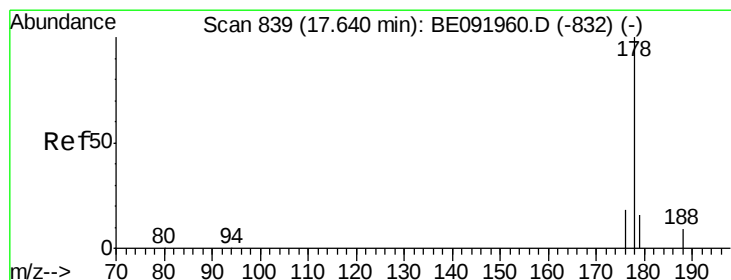
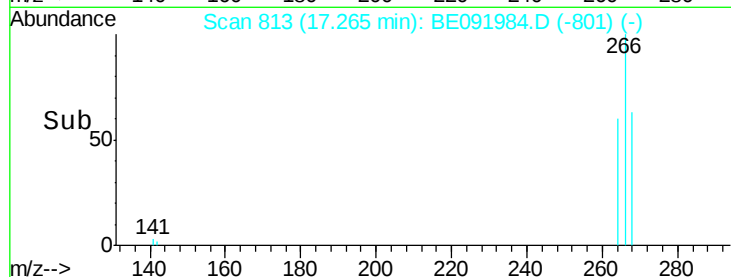
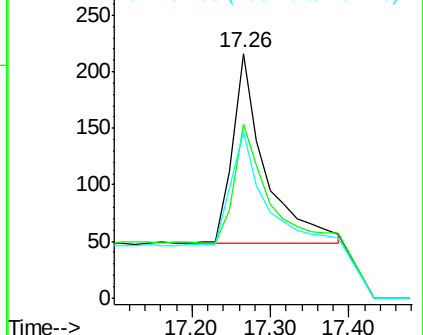
266 100

268 71.3 60.5 90.7

264 68.1 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 0.39 ng

RT: 17.64 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

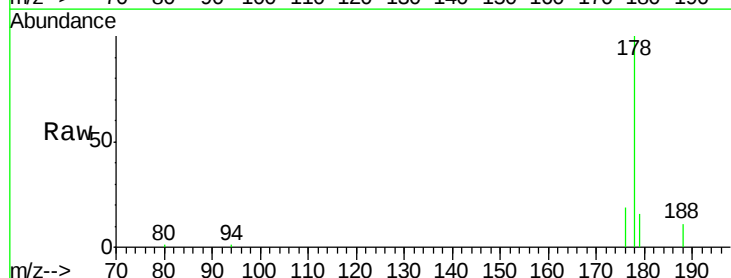
Tgt Ion:178 Resp: 15243

Ion Ratio Lower Upper

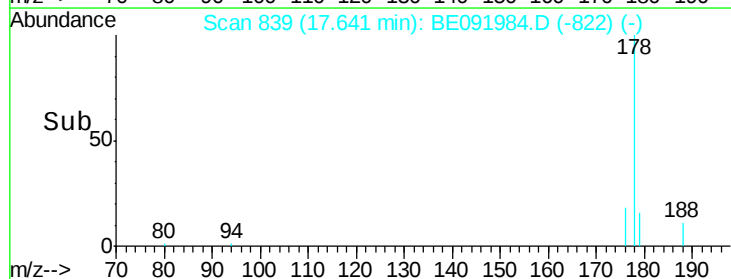
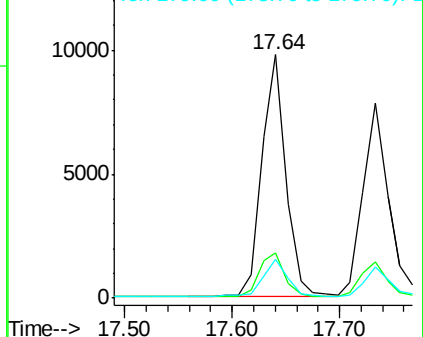
178 100

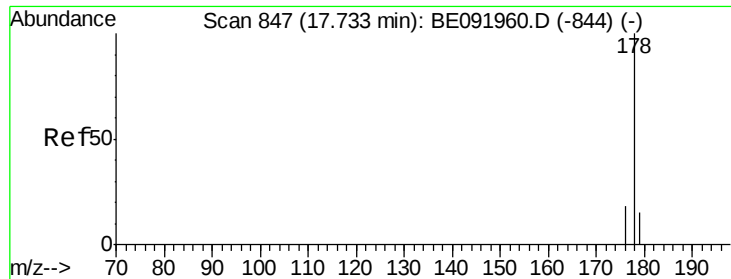
176 19.3 15.4 23.2

179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 0.36 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

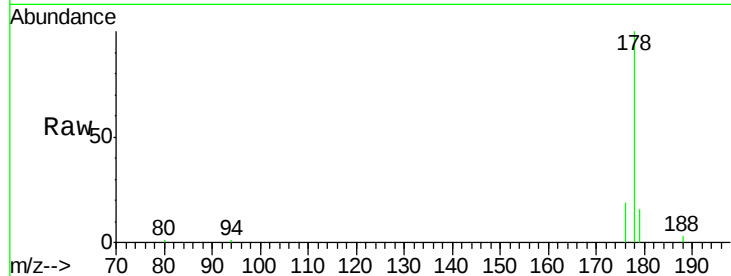
Tgt Ion:178 Resp: 13131

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

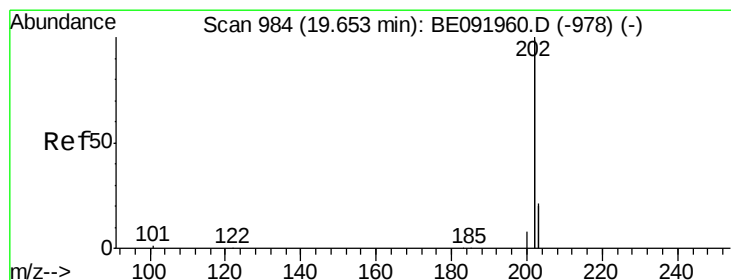
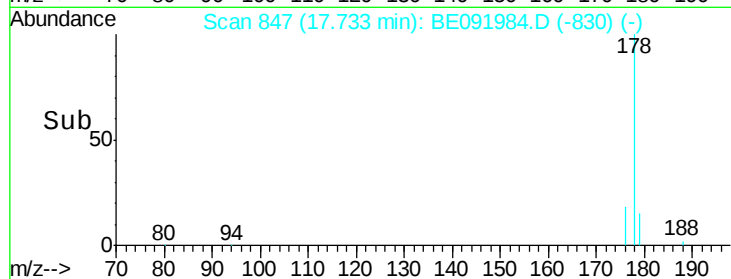
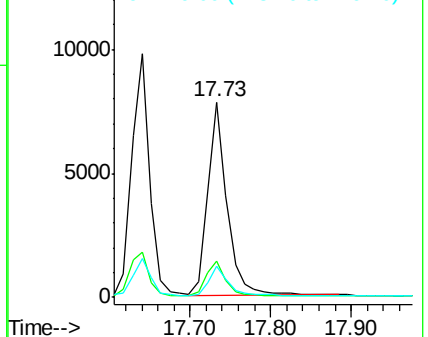
179 15.1 12.1 18.1



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: 0.40 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

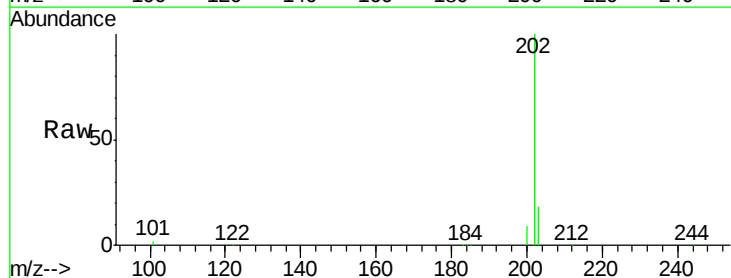
Tgt Ion:202 Resp: 66830

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

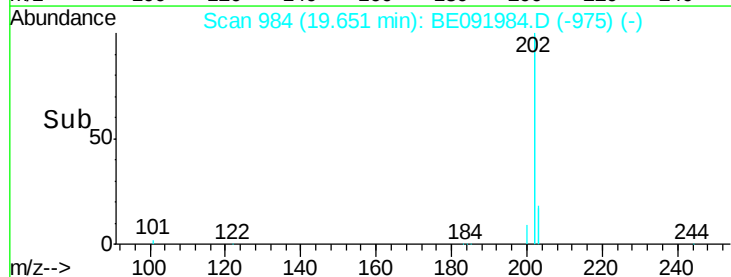
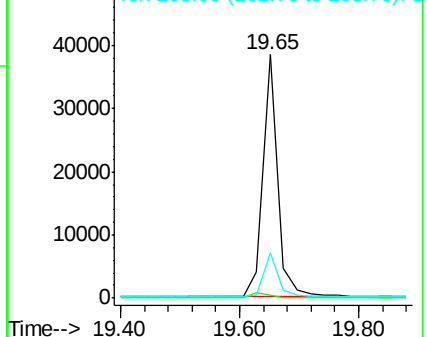
203 17.9 14.3 21.5

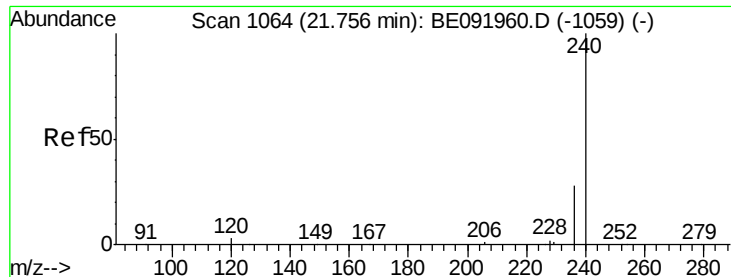


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

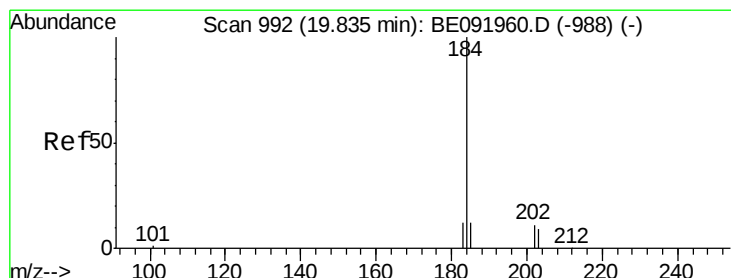
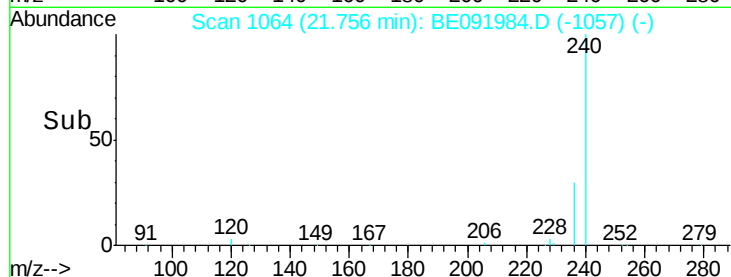
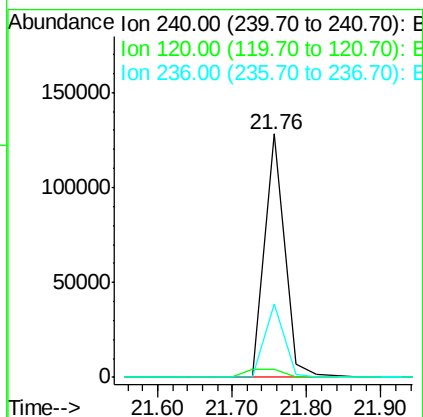
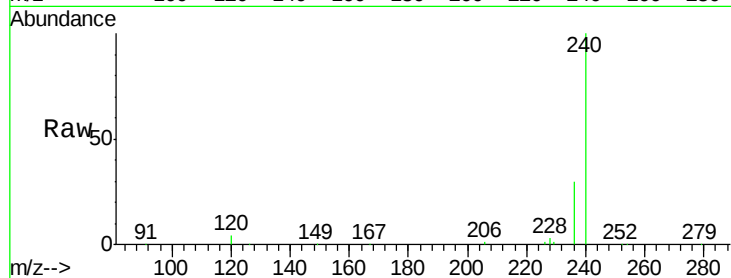




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

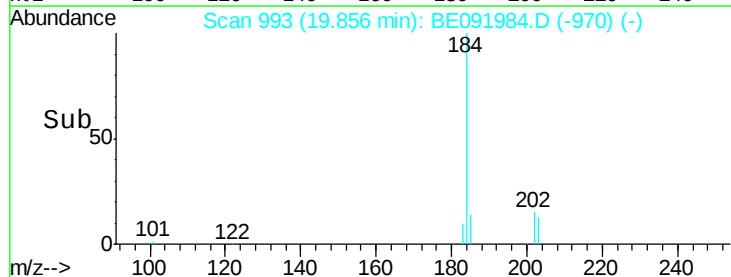
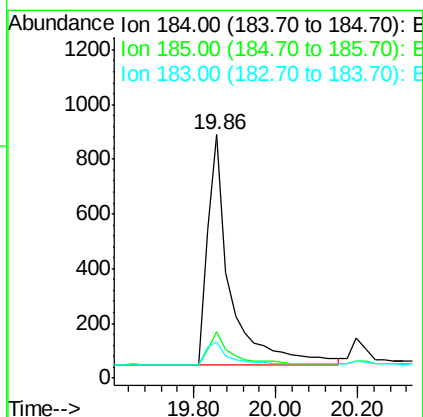
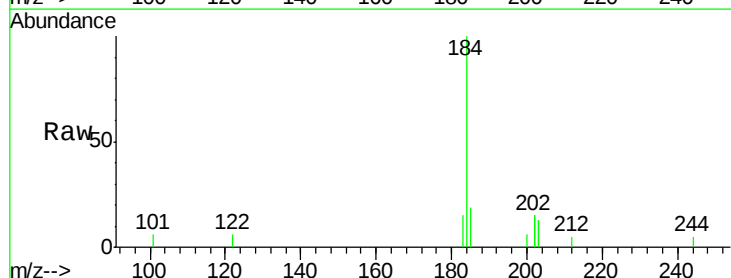
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

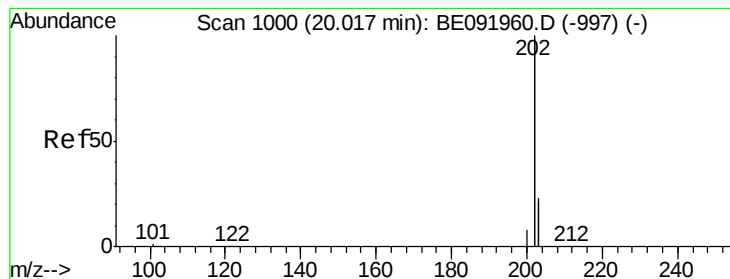
Tgt Ion:240 Resp: 236029
Ion Ratio Lower Upper
240 100
120 3.6 1.2 1.8#
236 30.2 19.8 29.8#



#32
Benzidine
Concen: 0.38 ng
RT: 19.86 min Scan# 993
Delta R.T. 0.02 min
Lab File: BE091984.D
Acq: 7 Jul 2016 17:09

Tgt Ion:184 Resp: 3246
Ion Ratio Lower Upper
184 100
185 19.3 11.4 17.2#
183 14.9 11.8 17.6





#33

Pyrene

Concen: 0.39 ng

RT: 20.02 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

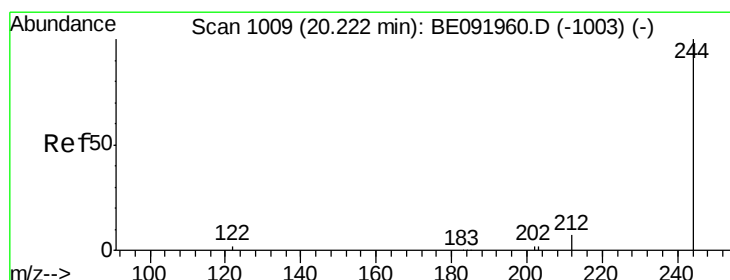
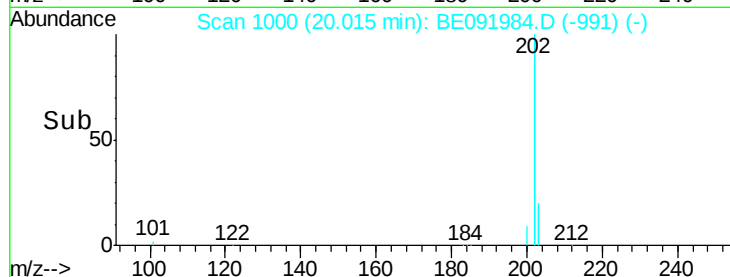
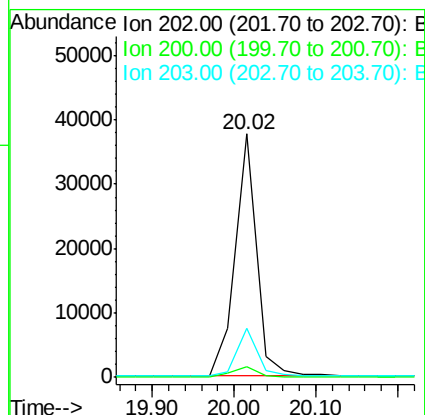
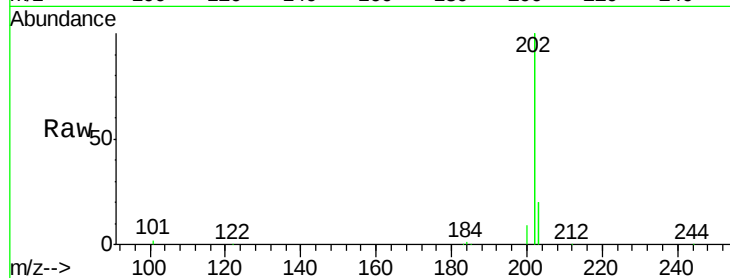
BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 202 Resp: 67403

Ion	Ratio	Lower	Upper
202	100		
200	5.1	16.9	25.3#
203	18.6	14.1	21.1



#34

Terphenyl-d14

Concen: 0.41 ng

RT: 20.22 min Scan# 1009

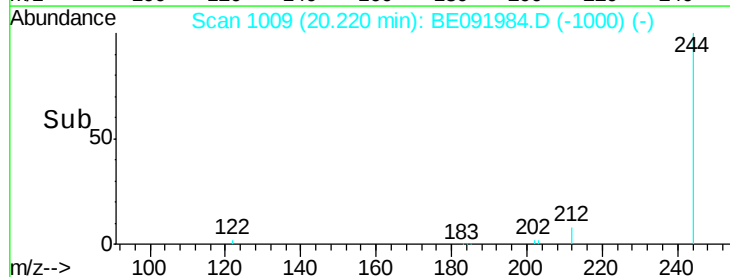
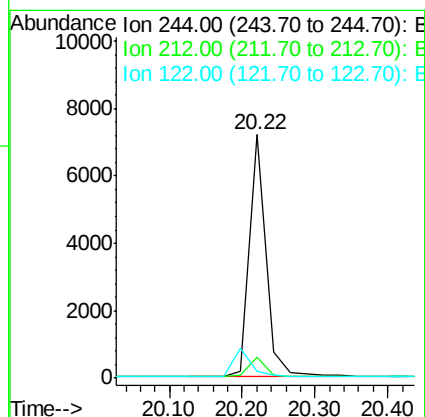
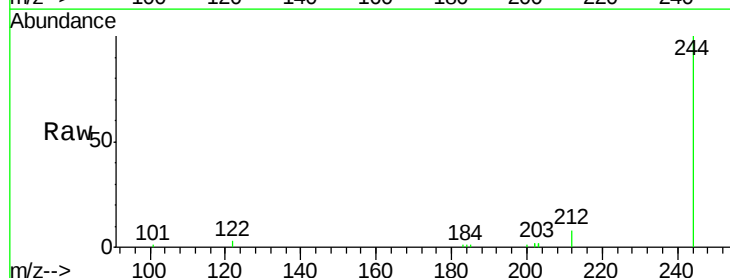
Delta R.T. -0.00 min

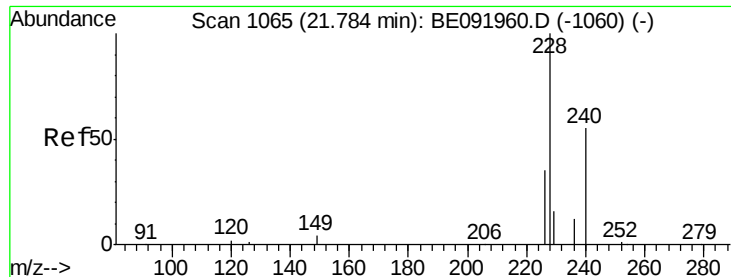
Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Tgt Ion: 244 Resp: 11389

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	2.9	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.89 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

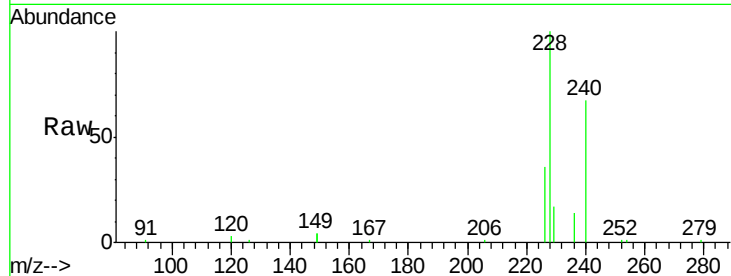
Tgt Ion:228 Resp: 35107

Ion Ratio Lower Upper

228 100

226 35.5 21.0 31.4#

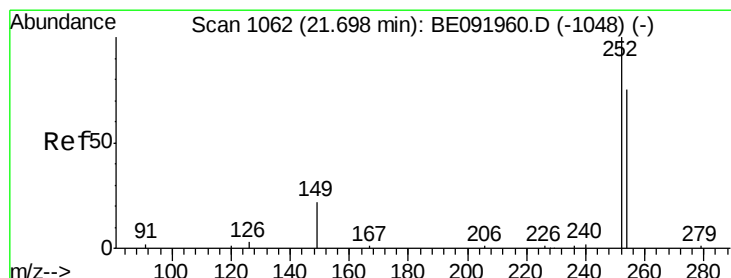
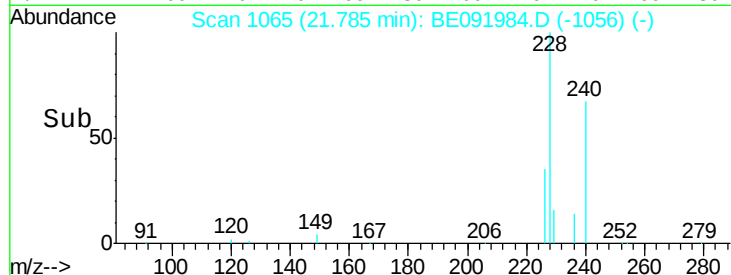
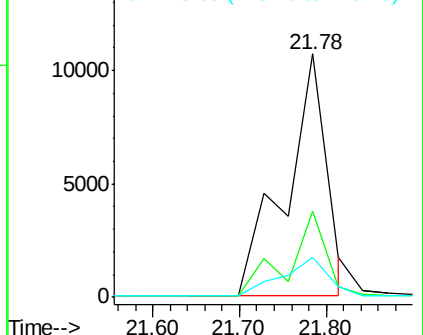
229 16.6 15.8 23.8



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: 0.28 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

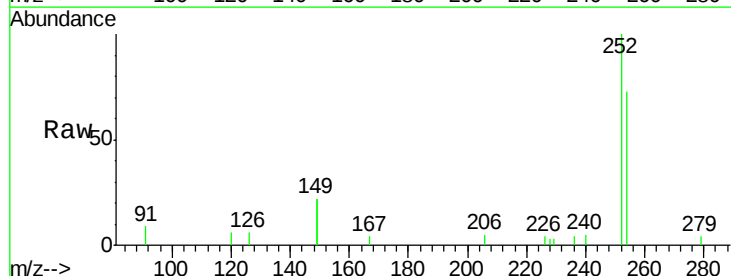
Tgt Ion:252 Resp: 3545

Ion Ratio Lower Upper

252 100

254 72.8 61.5 92.3

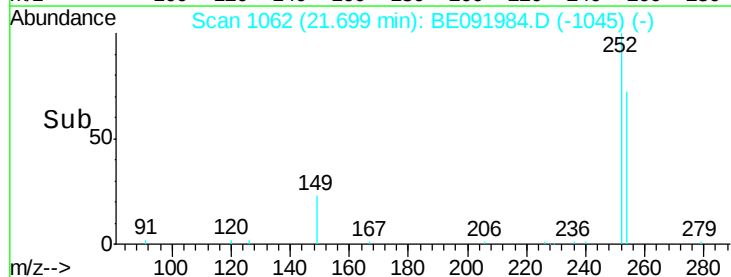
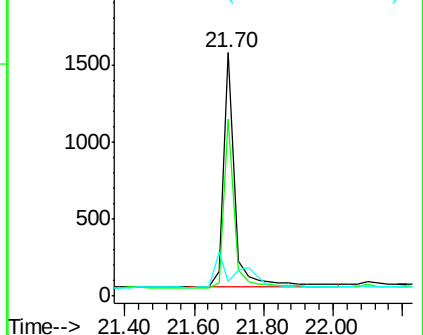
126 5.8 2.5 3.7#

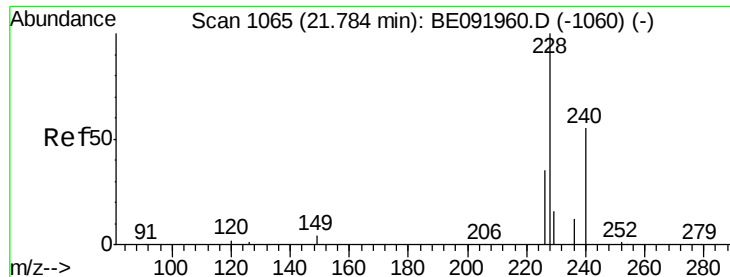


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.64 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

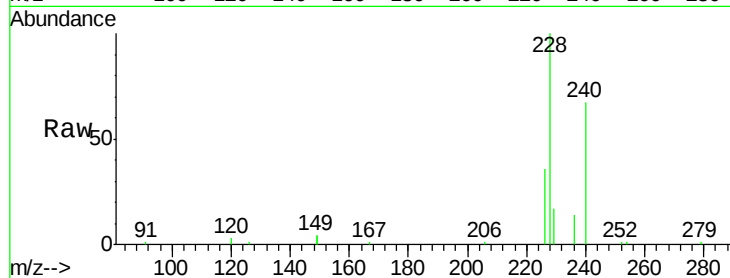
Tgt Ion:228 Resp: 35722

Ion Ratio Lower Upper

228 100

226 35.5 27.0 40.6

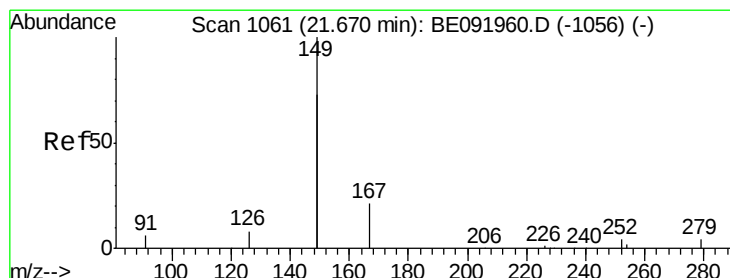
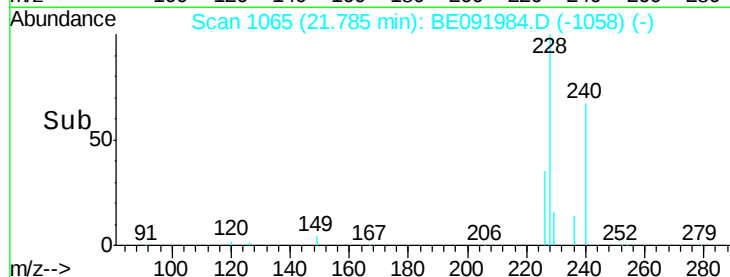
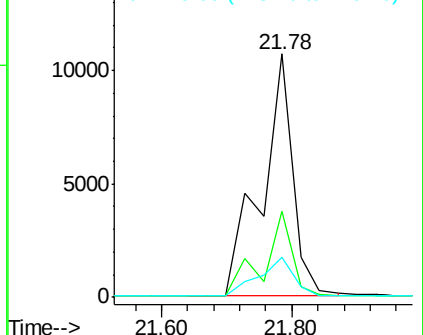
229 16.6 13.8 20.8



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: 0.29 ng

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

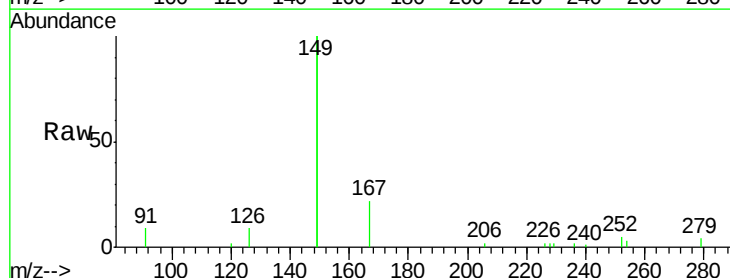
Tgt Ion:149 Resp: 13077

Ion Ratio Lower Upper

149 100

167 9.6 0.0 0.0#

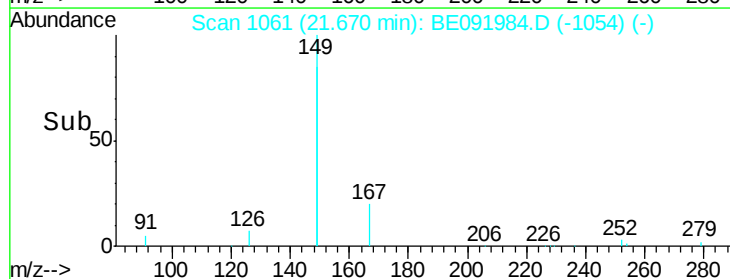
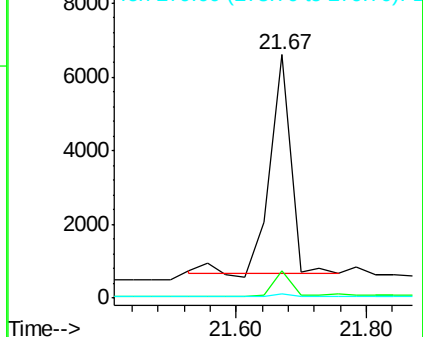
279 1.1 0.0 0.0#

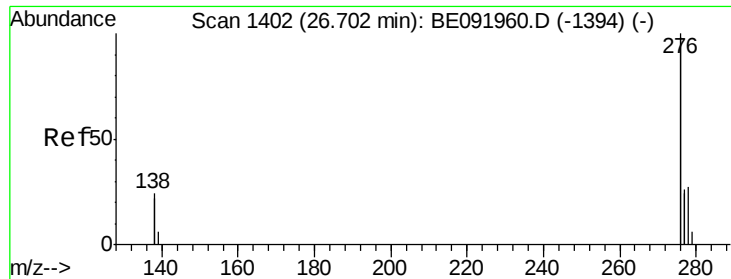


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.37 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

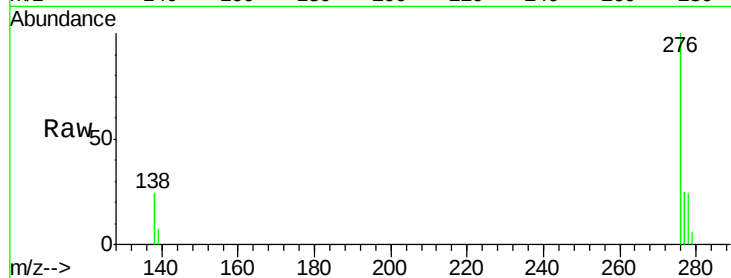
Tgt Ion:276 Resp: 81097

Ion Ratio Lower Upper

276 100

138 26.0 19.7 29.5

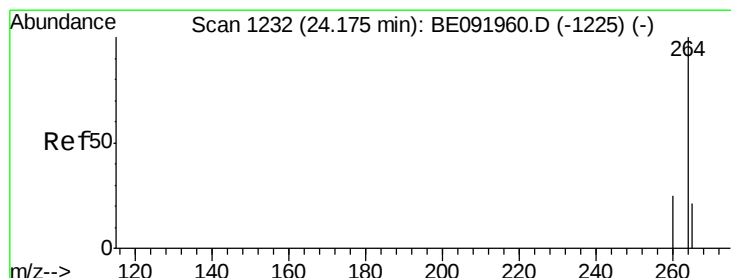
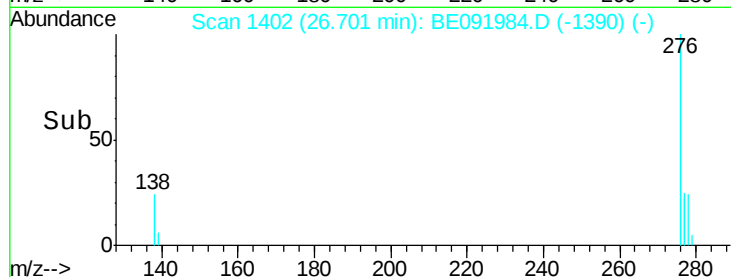
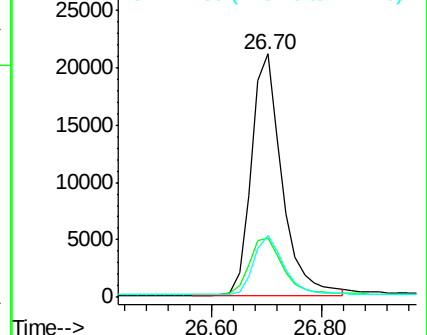
277 24.6 20.1 30.1



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# 1232

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

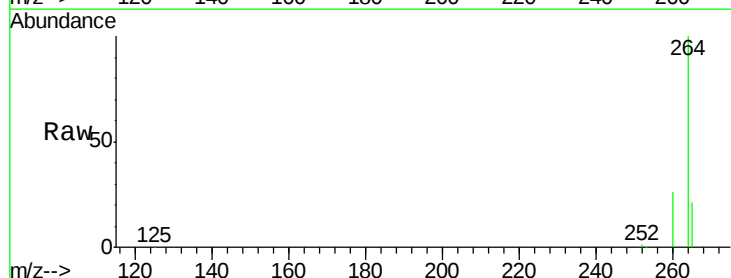
Tgt Ion:264 Resp: 194813

Ion Ratio Lower Upper

264 100

260 25.7 20.3 30.5

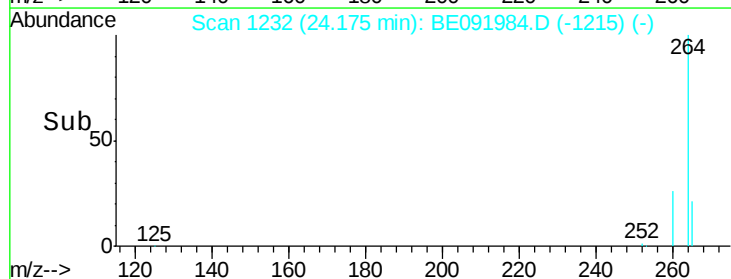
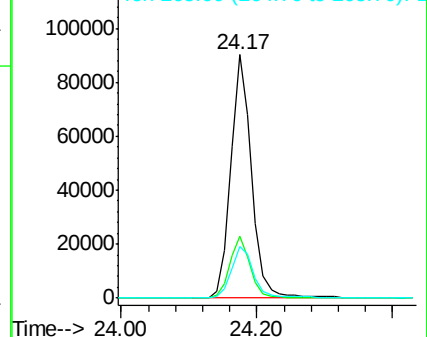
265 21.1 17.6 26.4

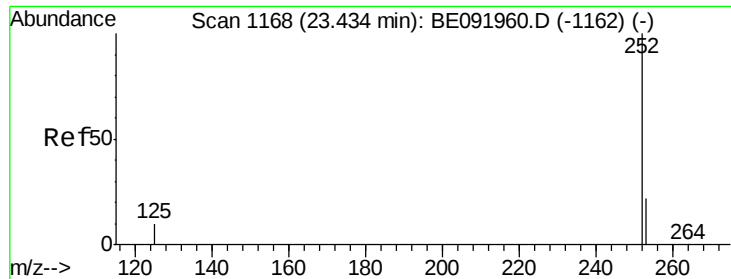


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.36 ng

RT: 23.43 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

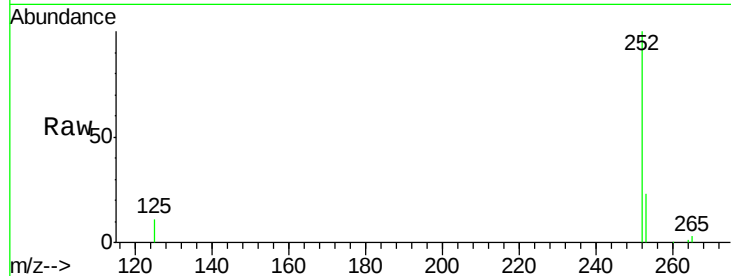
Tgt Ion:252 Resp: 19159

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

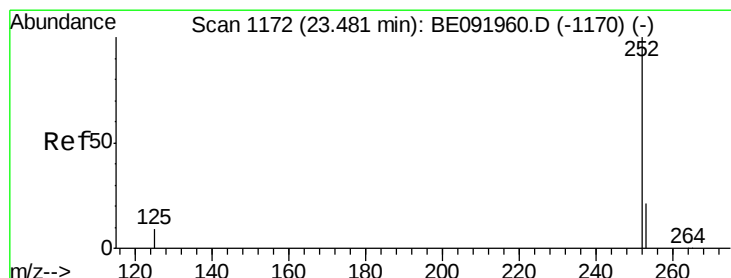
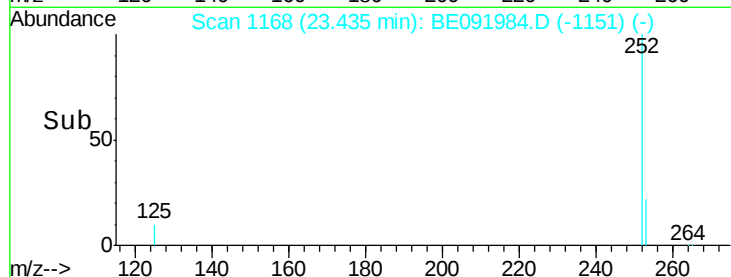
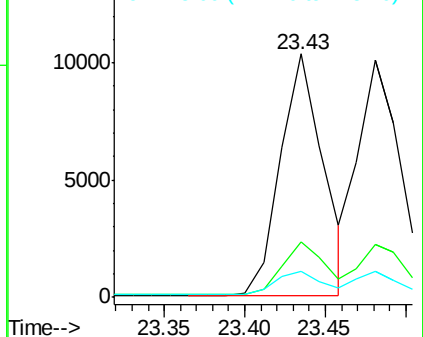
125 10.7 9.4 14.2



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: 0.37 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

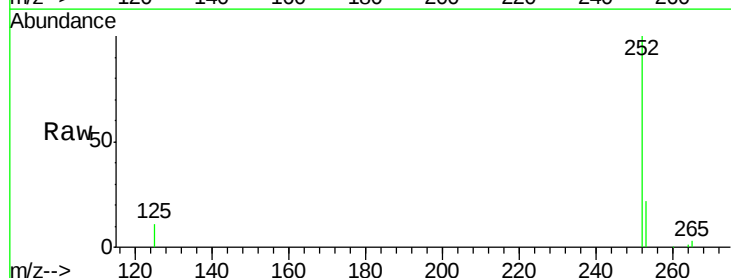
Tgt Ion:252 Resp: 19321

Ion Ratio Lower Upper

252 100

253 22.1 19.4 29.2

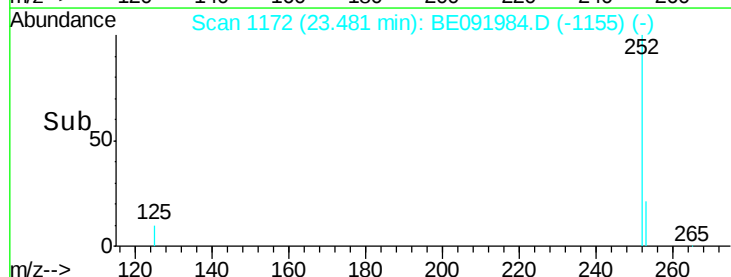
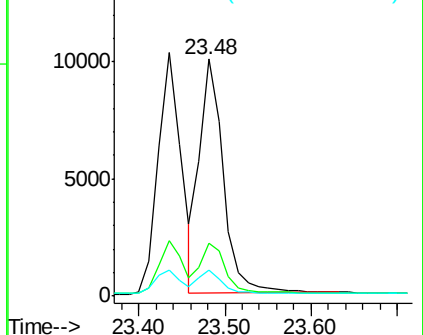
125 11.1 8.3 12.5

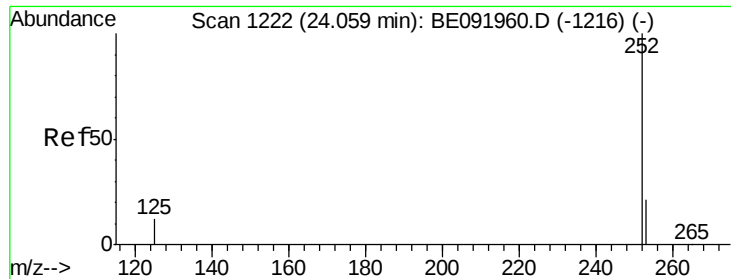


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.35 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

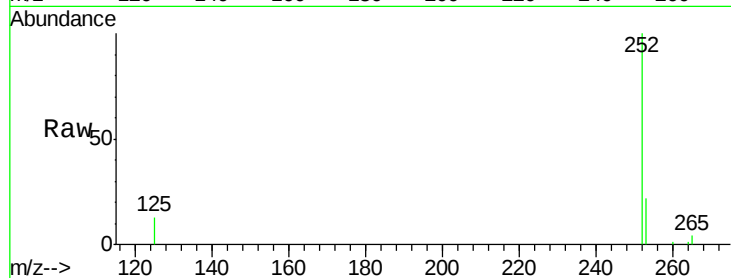
Tgt Ion:252 Resp: 17688

Ion Ratio Lower Upper

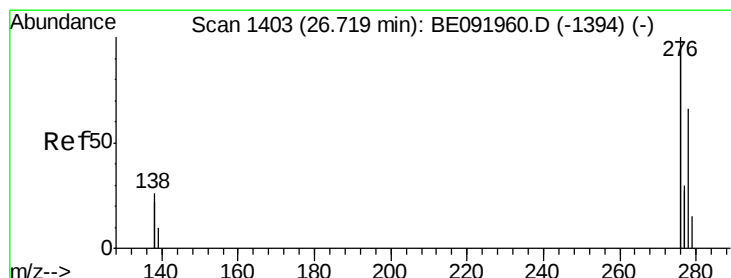
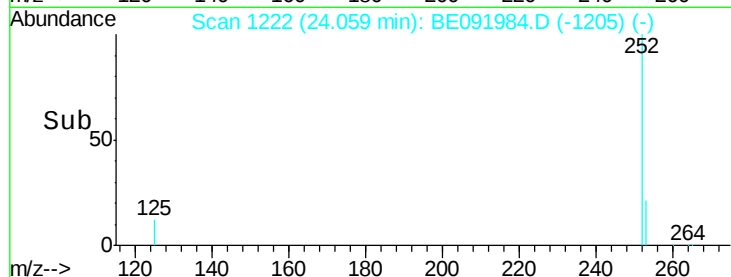
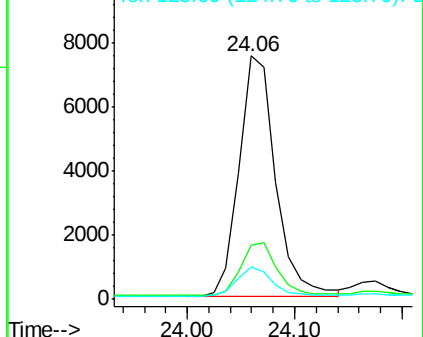
252 100

253 22.2 18.9 28.3

125 13.4 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: 0.34 ng

RT: 26.72 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BE091984.D

Acq: 7 Jul 2016 17:09

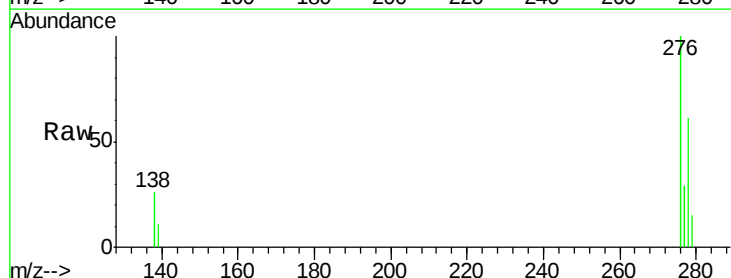
Tgt Ion:278 Resp: 16298

Ion Ratio Lower Upper

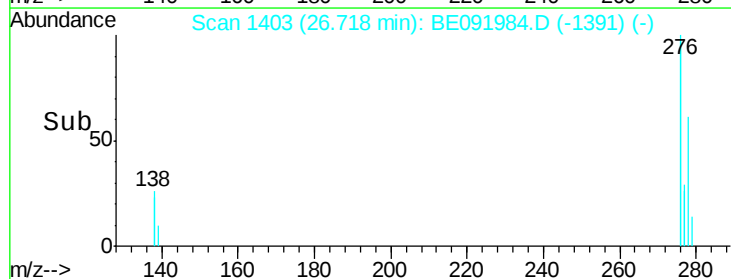
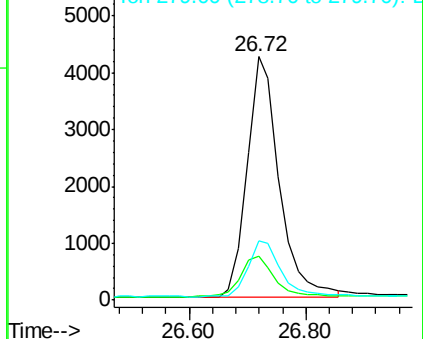
278 100

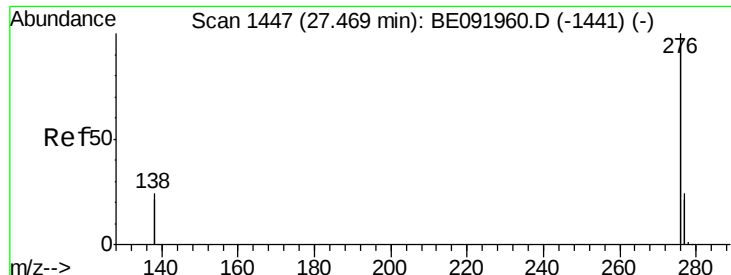
139 18.1 12.6 18.8

279 24.1 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: 0.35 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091984.D

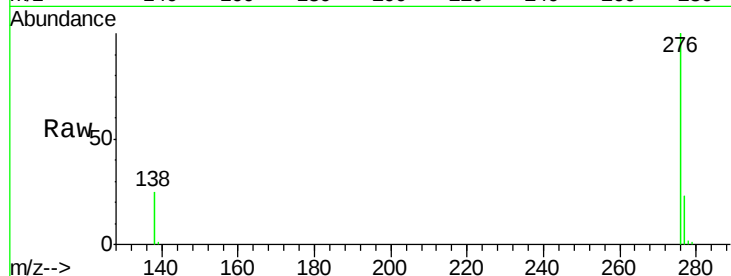
Acq: 7 Jul 2016 17:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



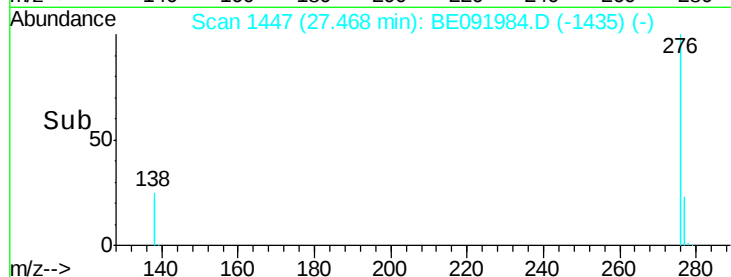
Tgt Ion: 276 Resp: 67960

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 24.7 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

