

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
 Data File : BE091879.D
 Acq On : 7 Jun 2016 12:07
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 07 12:58:59 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 12:57:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	22914	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	105054	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	60056	5.00	ng	0.00
24) Phenanthrene-d10	17.12	188	163063	5.00	ng	0.00
31) Chrysene-d12	21.30	240	183503	5.00	ng	0.00
40) Perylene-d12	23.73	264	217096	5.00	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	3952	0.60	ng	0.00
5) Phenol-d6	6.94	99	5118	0.60	ng	-0.02
9) Nitrobenzene-d5	8.91	82	6299	0.74	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	1455	0.54	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	15828	0.89	ng	0.00
34) Terphenyl-d14	19.74	244	27130	0.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	2863	0.85	ng	95
3) n-Nitrosodimethylamine	3.61	42	3253	0.77	ng	90
6) bis(2-Chloroethyl)ether	7.20	93	5542	0.77	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	4161	0.63	ng	# 22
10) Nitrobenzene	8.96	77	5766	0.70	ng	# 99
11) bis(2-Chloroethoxy)methane	9.98	93	8405	0.84	ng	# 54
12) Naphthalene	10.59	128	19434	0.86	ng	96
13) Hexachlorobutadiene	10.88	225	2904	0.83	ng	98
14) 2-Methylnaphthalene	12.22	142	12472	0.82	ng	89
18) Acenaphthylene	14.10	152	21930	0.74	ng	94
19) 2,6-Dinitrotoluene	13.96	165	2560	0.62	ng	99
20) Acenaphthene	14.44	154	13381	0.83	ng	95
21) 2,4-Dinitrotoluene	14.76	165	2711	0.57	ng	# 98
22) Fluorene	15.42	166	17669	0.84	ng	100
23) 4-Chlorophenyl-phenylether	15.42	204	8735	0.82	ng	100
25) 4-Bromophenyl-phenylether	16.31	248	5372	0.92	ng	99
26) Hexachlorobenzene	16.44	284	5342	0.96	ng	99
27) Pentachlorophenol	16.78	266	1686	0.79	ng	89
28) Phenanthrene	17.17	178	34166	0.96	ng	99
29) Anthracene	17.26	178	30054	0.92	ng	99
30) Fluoranthene	19.19	202	35992	0.87	ng	99
32) Benzidine	19.38	184	9217	0.63	ng	# 94
33) Pyrene	19.53	202	40060	1.03	ng	99
35) Benzo(a)anthracene	21.27	228	368962	7.54	ng	# 90
36) 3,3'-Dichlorobenzidine	21.21	252	9684	0.36	ng	# 78
37) Chrysene	21.27	228	372677	8.31	ng	# 79
38) Bis(2-ethylhexyl)phthalate	21.19	149	21527	1.21	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.29	276	48025	1.05	ng	# 75
41) Benzo(b)fluoranthene	22.98	252	45264	0.77	ng	98
42) Benzo(k)fluoranthene	23.03	252	48198	0.91	ng	97
43) Benzo(a)pyrene	23.62	252	44262	0.83	ng	# 95
44) Dibenzo(a,h)anthracene	26.31	278	40307	0.79	ng	# 95
45) Benzo(a,h,i)perylene	27.07	276	42012	0.81	ng	96

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QLast Update : Tue Jun 07 12:57:19 2016
Response via : Initial Calibration

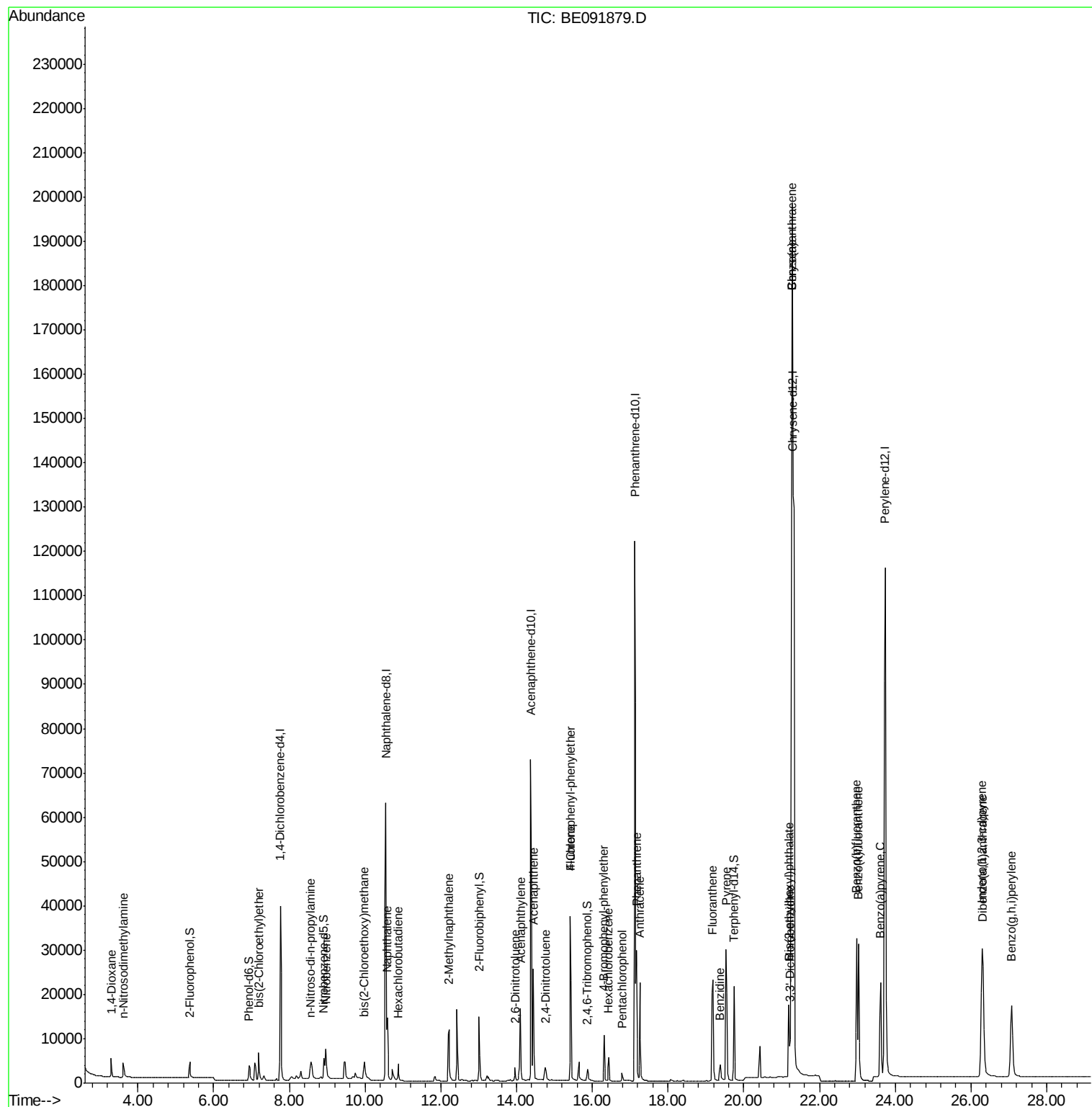
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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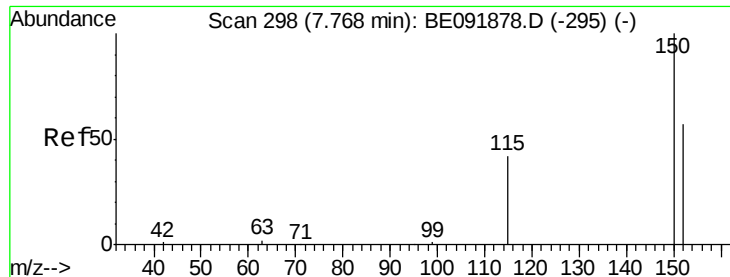
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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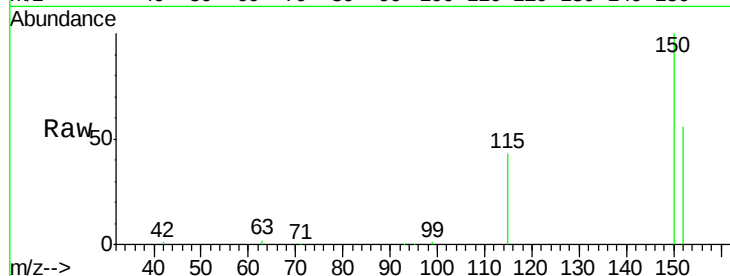


#1

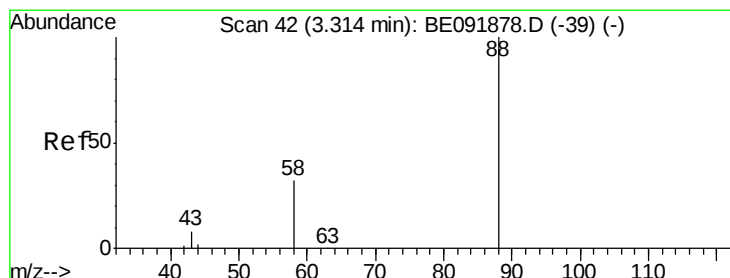
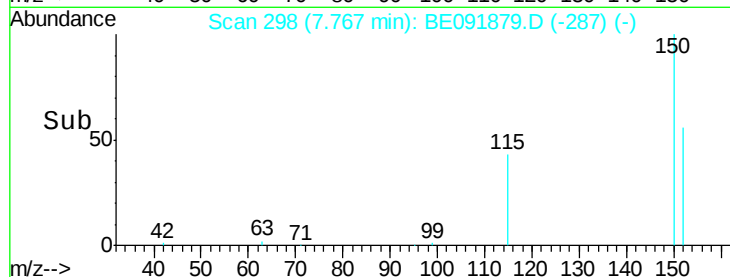
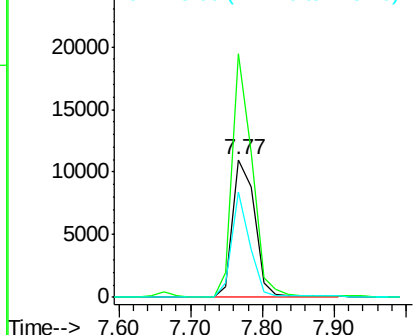
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. -0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 22914
Ion Ratio Lower Upper
152 100
150 177.3 123.9 185.9
115 76.4 48.3 72.5#



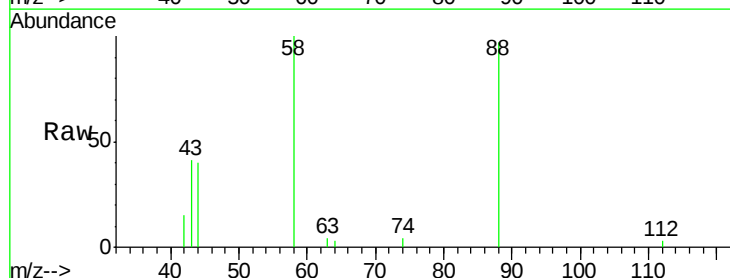
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



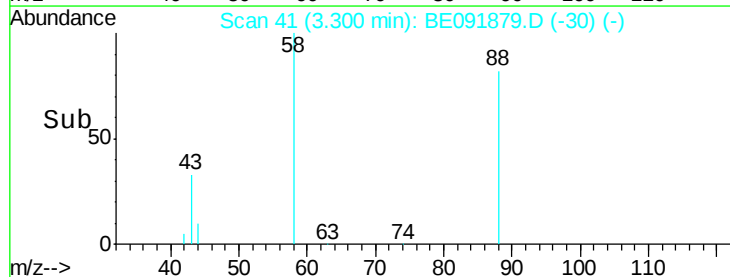
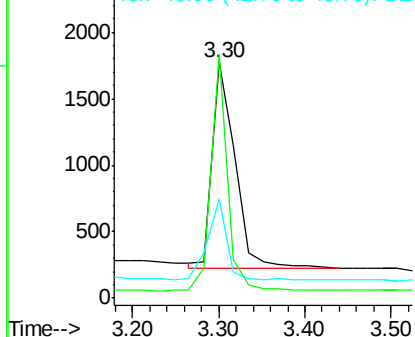
#2

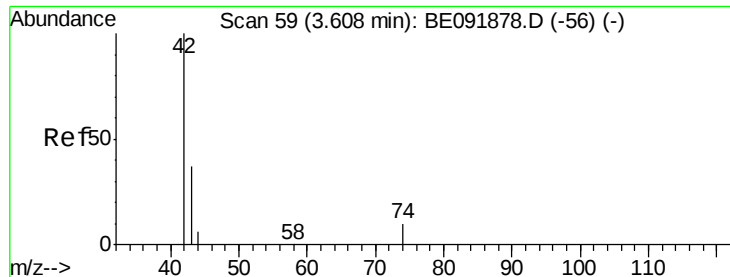
1,4-Dioxane
Concen: 0.85 ng
RT: 3.30 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion: 88 Resp: 2863
Ion Ratio Lower Upper
88 100
58 82.7 63.0 94.4
43 33.3 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: 0.77 ng

RT: 3.61 min Scan# 59

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

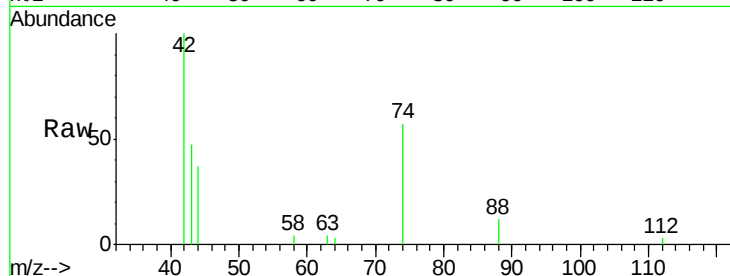
Tot Ion: 42 Resp: 3253

Ion Ratio Lower Upper

42 100

74 104.8 93.4 140.0

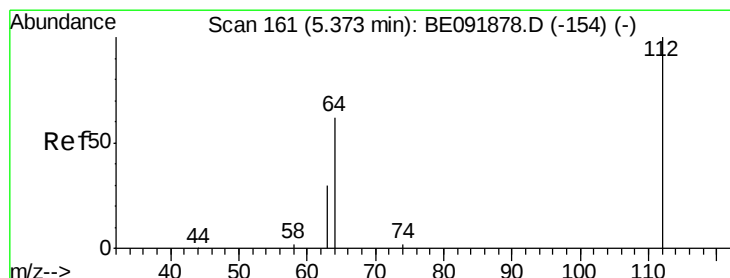
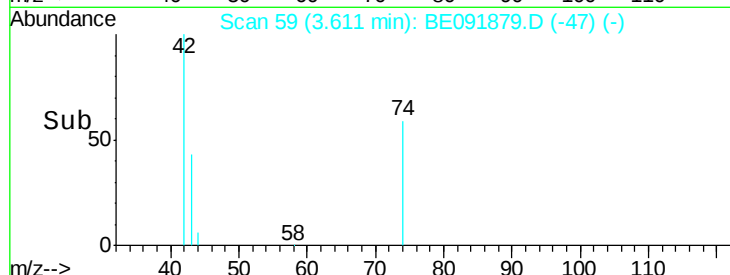
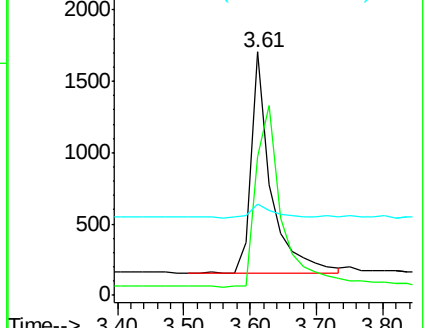
44 7.3 5.0 7.6



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: 0.60 ng

RT: 5.38 min Scan# 161

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

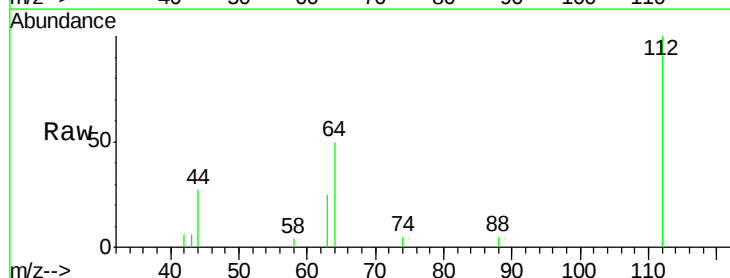
Tgt Ion: 112 Resp: 3952

Ion Ratio Lower Upper

112 100

64 66.9 53.7 80.5

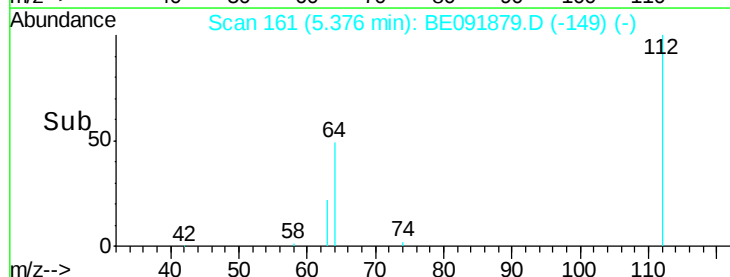
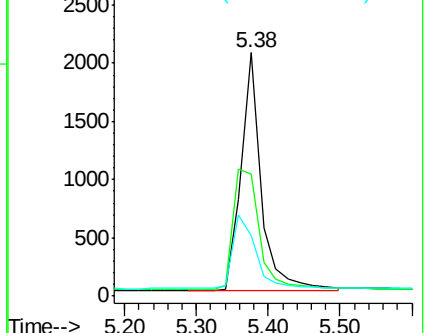
63 36.0 29.5 44.3

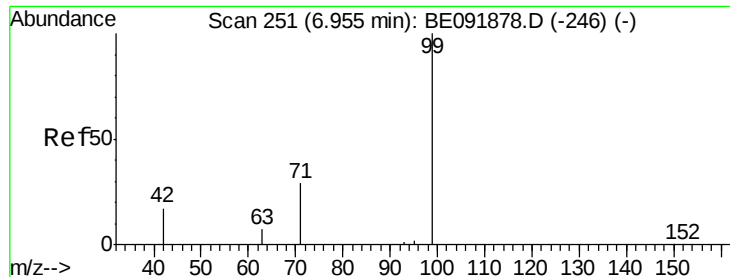


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.60 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampled :

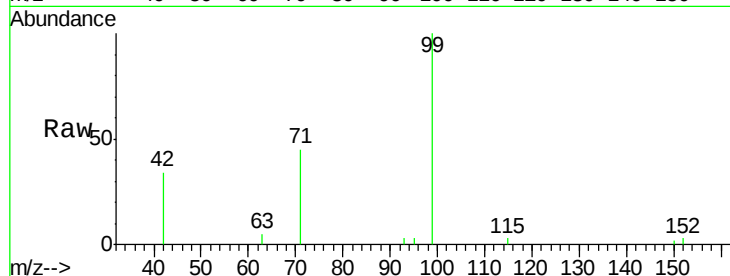
Tot Ion: 99 Resp: 5118

Ion Ratio Lower Upper

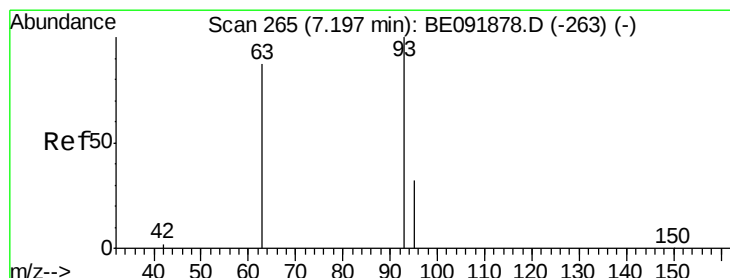
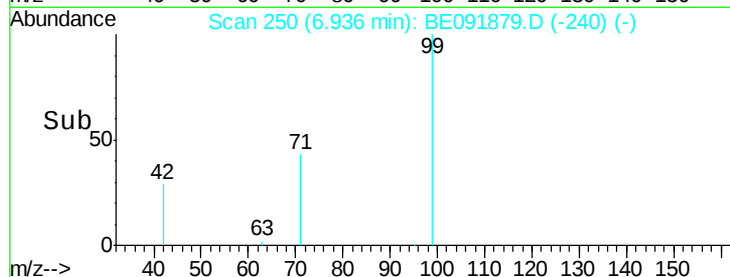
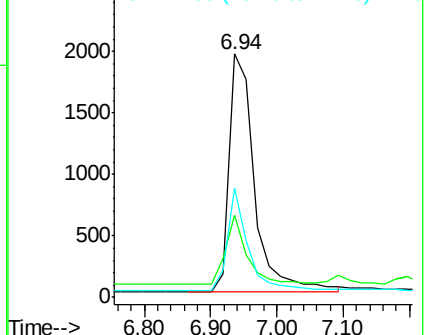
99 100

42 25.2 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: 0.77 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

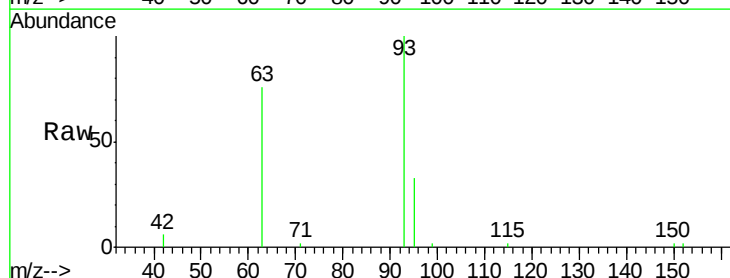
Tgt Ion: 93 Resp: 5542

Ion Ratio Lower Upper

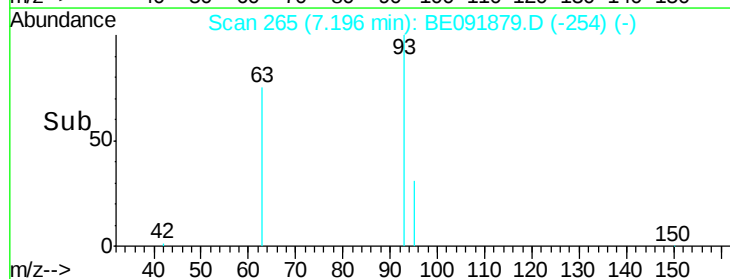
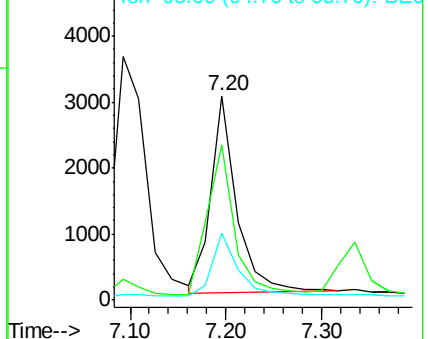
93 100

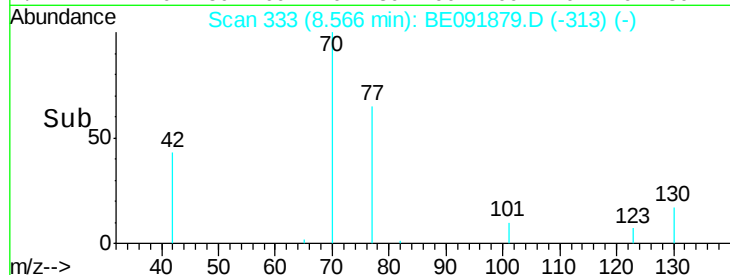
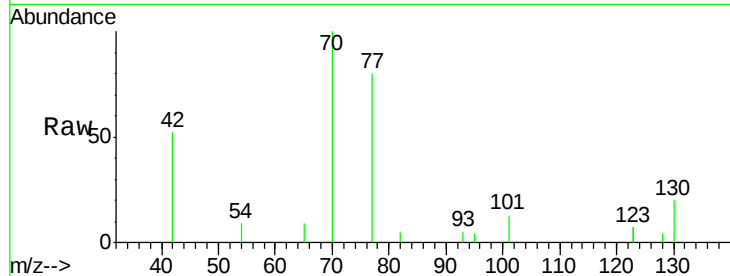
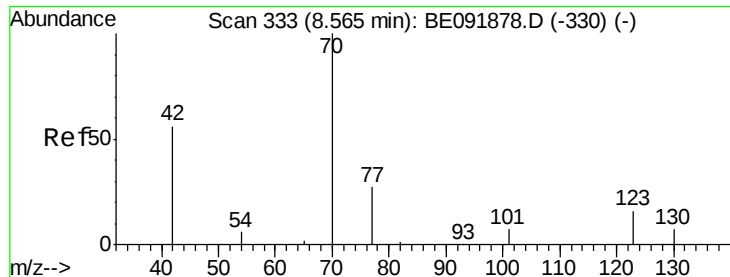
63 82.7 66.2 99.4

95 32.9 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: 0.63 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 70 Resp: 4161

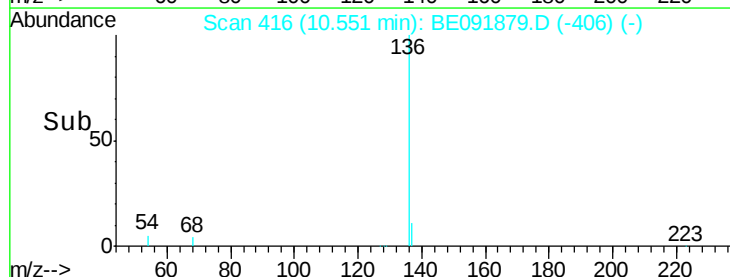
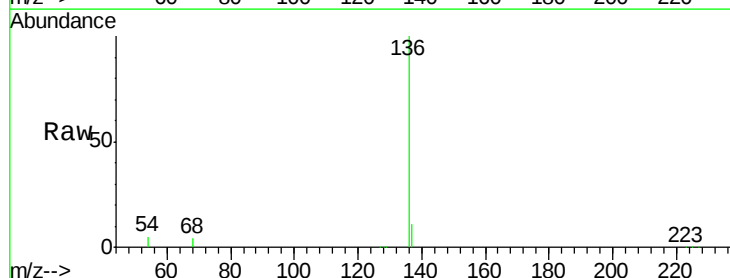
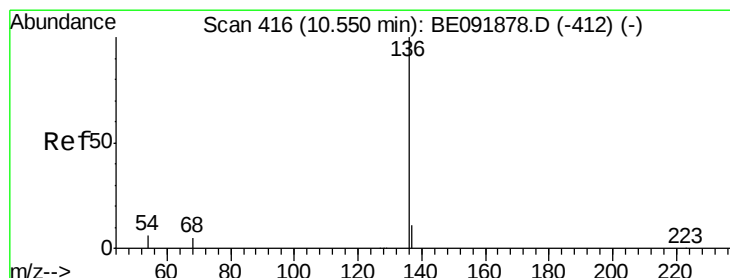
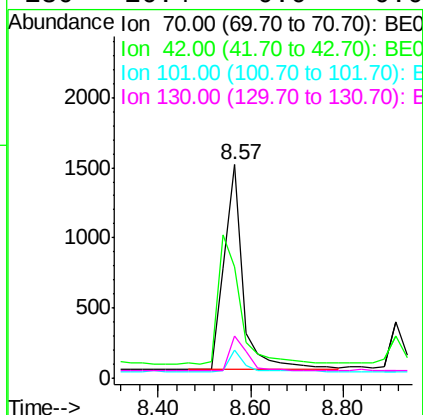
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 8.4 6.4 9.6

130 16.4 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Tgt Ion: 136 Resp: 105054

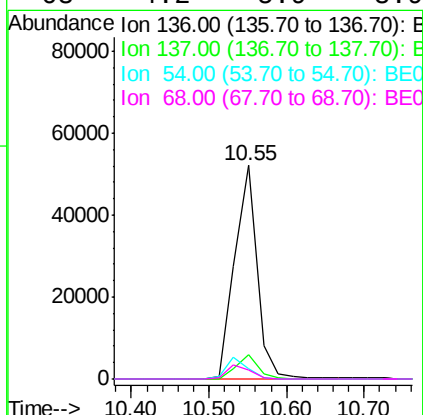
Ion Ratio Lower Upper

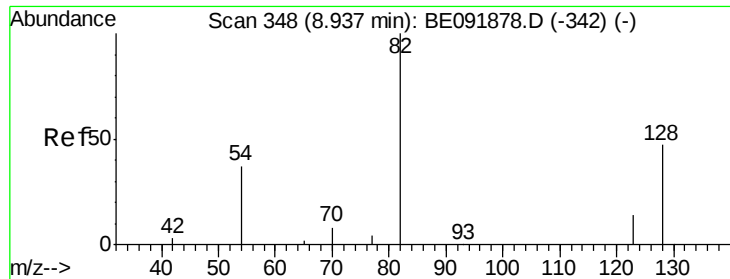
136 100

137 11.5 8.3 12.5

54 5.0 8.2 12.4#

68 4.2 5.9 8.9#

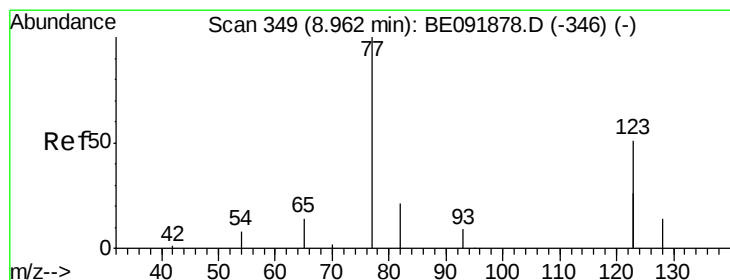
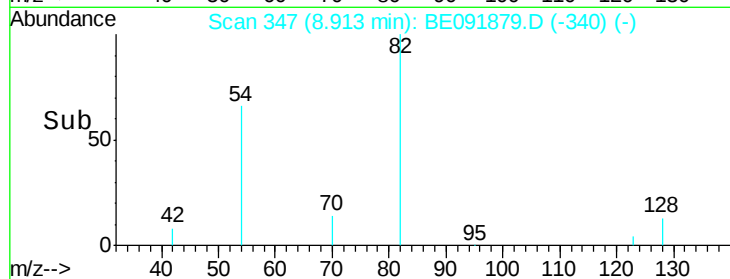
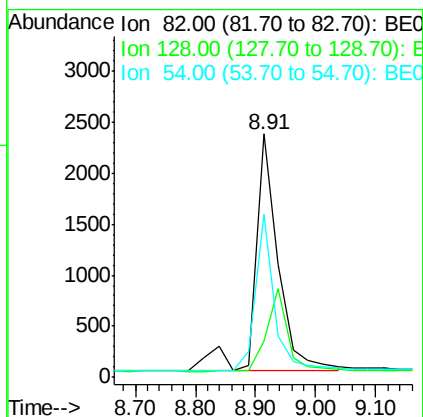
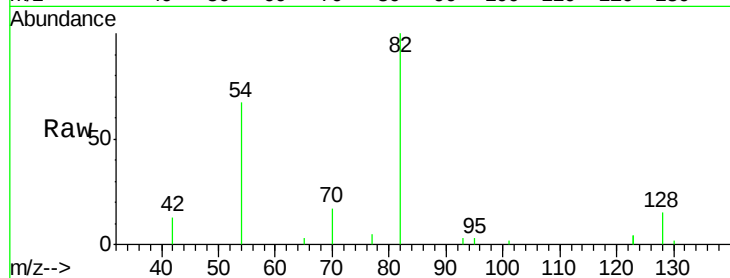




#9
Nitrobenzene-d5
Concen: 0.74 ng
RT: 8.91 min Scan# 347
Delta R.T. -0.02 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

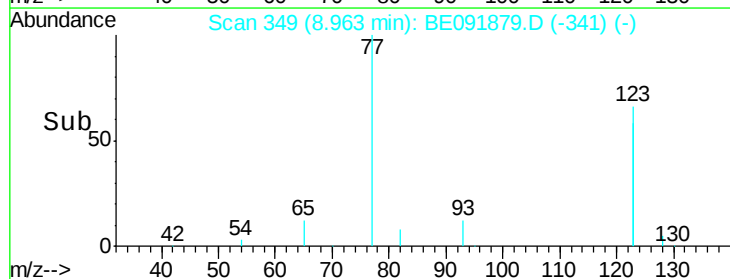
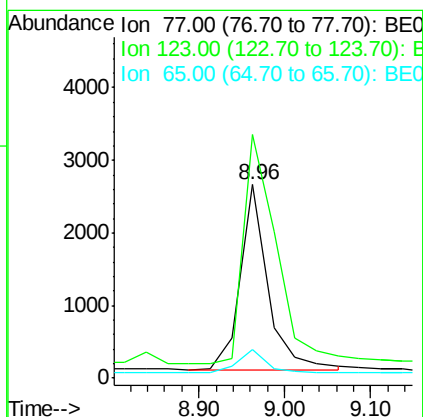
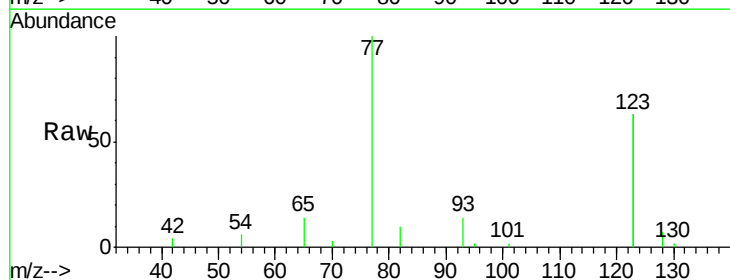
Instrument :
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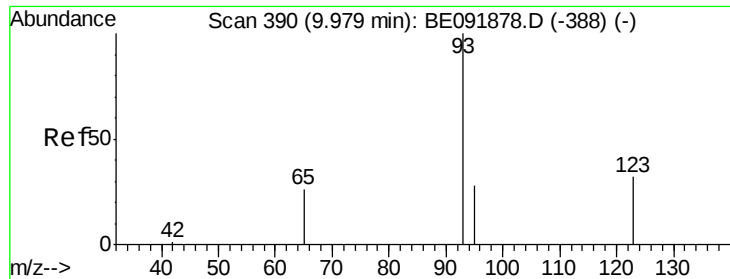
Tot Ion: 82 Resp: 6299
Ion Ratio Lower Upper
82 100
128 14.9 39.5 59.3#
54 67.1 30.3 45.5#



#10
Nitrobenzene
Concen: 0.70 ng
RT: 8.96 min Scan# 349
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion: 77 Resp: 5766
Ion Ratio Lower Upper
77 100
123 147.0 0.0 0.0#
65 13.4 11.1 16.7

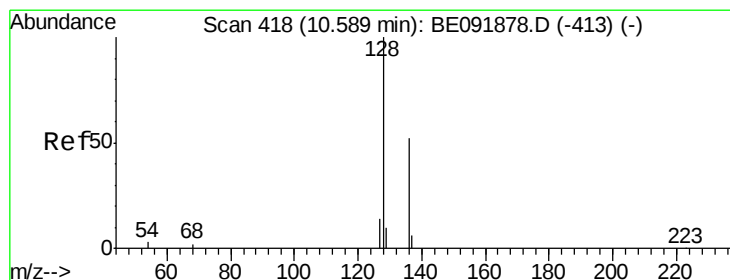
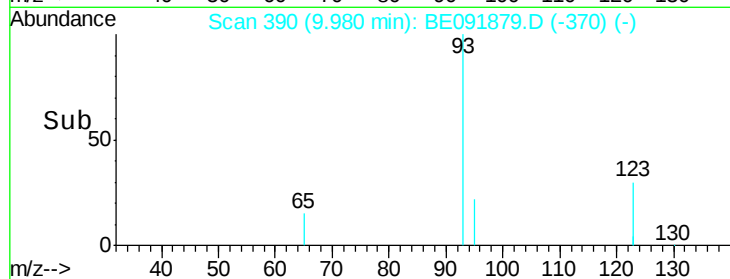
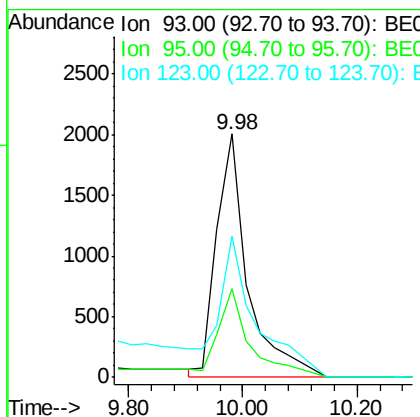
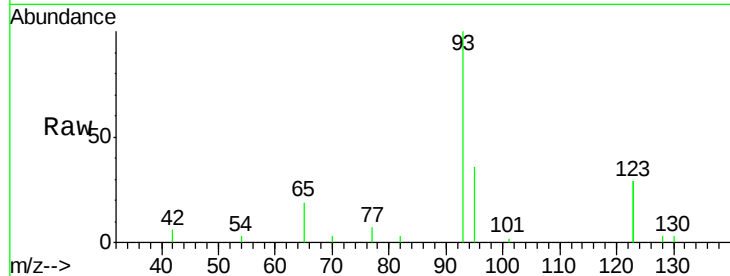




#11
bis(2-Chloroethoxy)methane
Concen: 0.84 ng
RT: 9.98 min Scan# 390
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

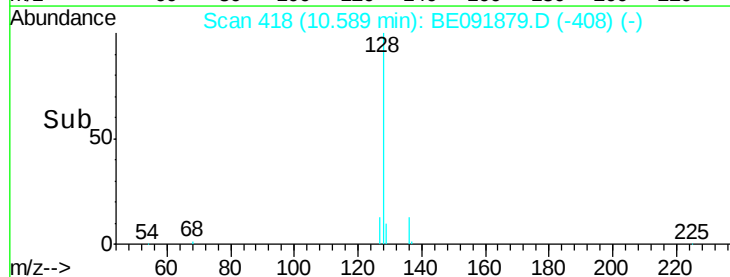
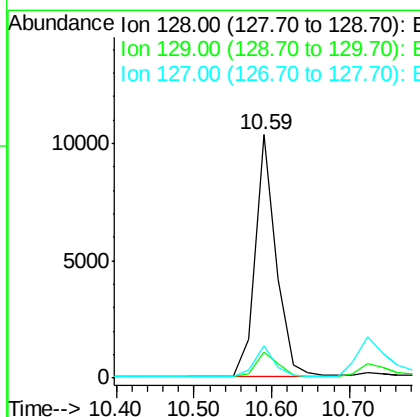
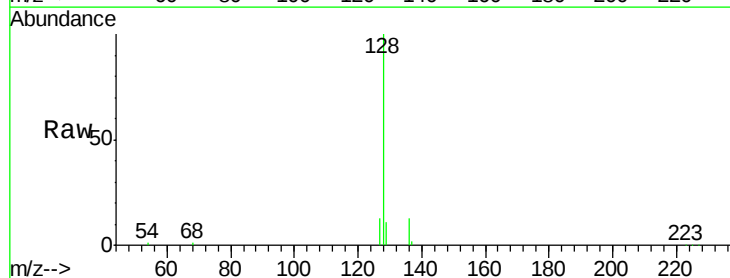
Instrument :
BNA_E
ClientSampleId :

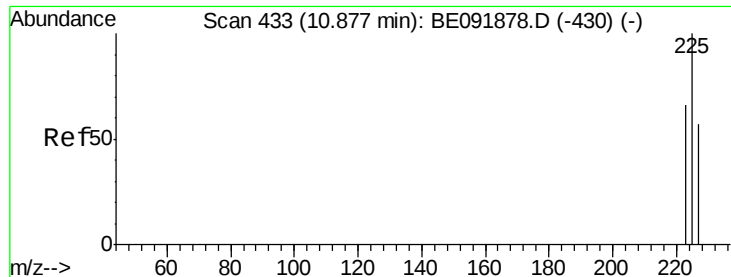
Tot Ion: 93 Resp: 8405
Ion Ratio Lower Upper
93 100
95 38.0 57.6 86.4#
123 69.3 100.2 150.4#



#12
Naphthalene
Concen: 0.86 ng
RT: 10.59 min Scan# 418
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion: 128 Resp: 19434
Ion Ratio Lower Upper
128 100
129 10.9 10.4 15.6
127 13.5 10.2 15.2

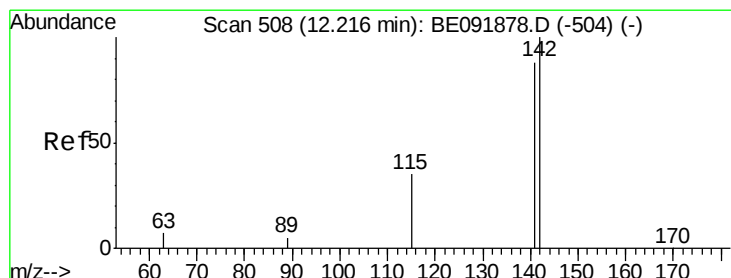
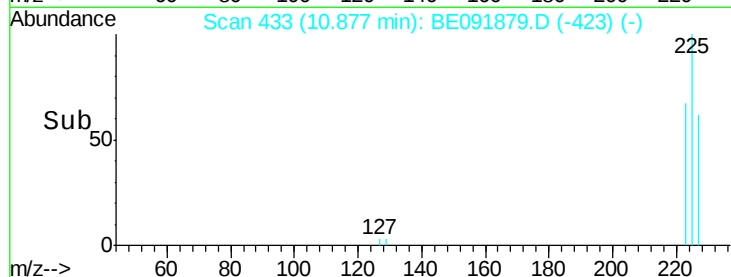
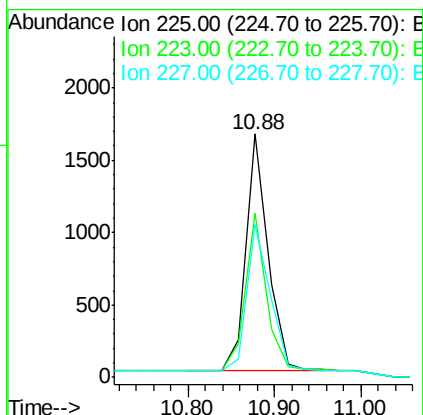
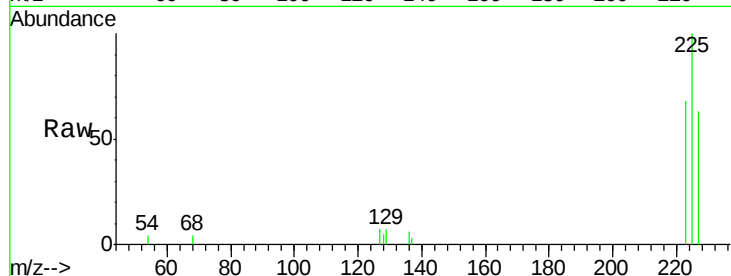




#13
Hexachlorobutadiene
Concen: 0.83 ng
RT: 10.88 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

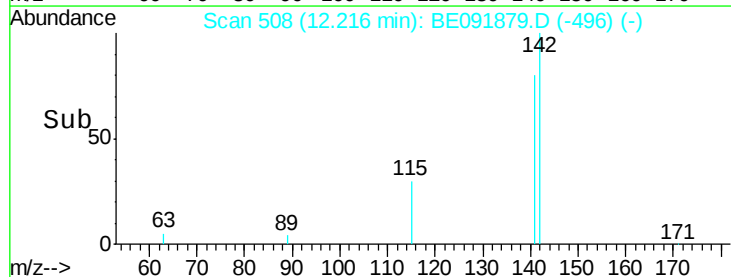
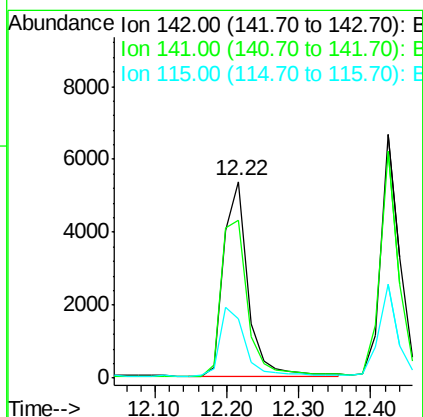
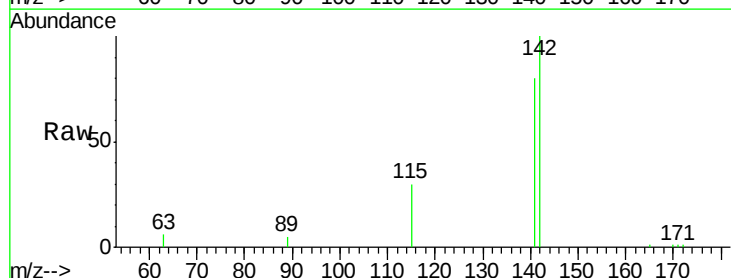
Instrument :
BNA_E
ClientSampleId :

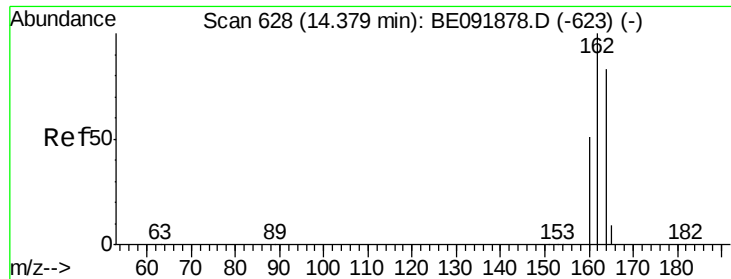
Tot Ion:225 Resp: 2904
Ion Ratio Lower Upper
225 100
223 63.6 49.8 74.8
227 65.2 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.82 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:142 Resp: 12472
Ion Ratio Lower Upper
142 100
141 80.2 71.9 107.9
115 30.4 29.9 44.9

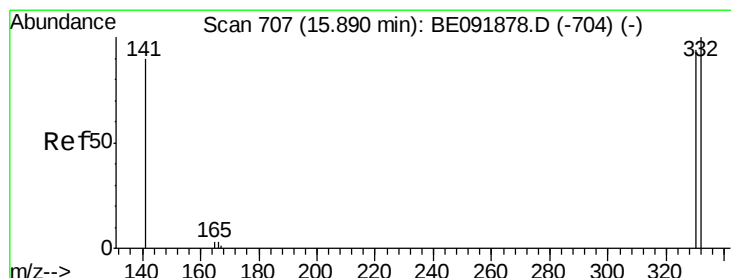
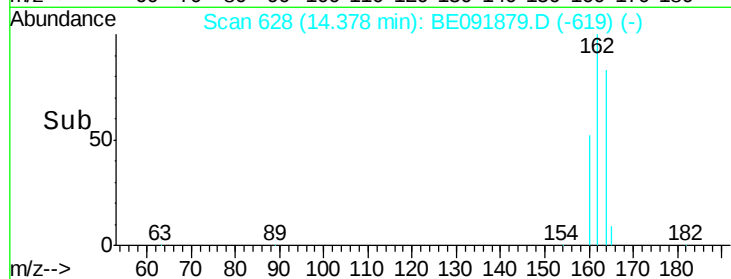
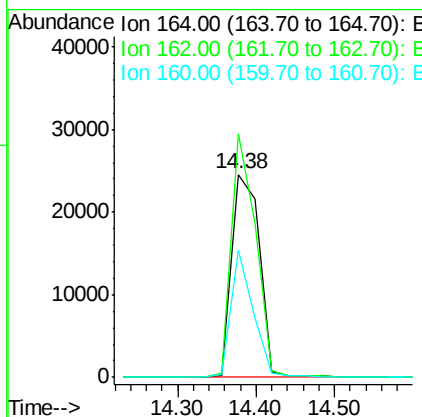
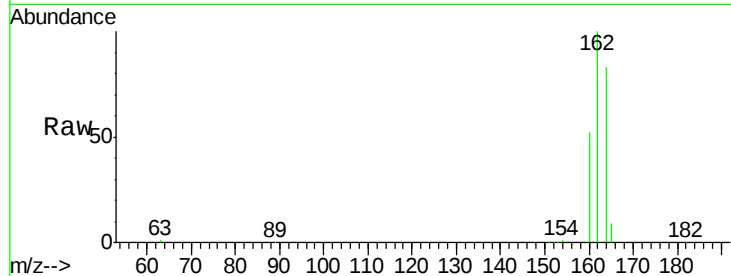




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

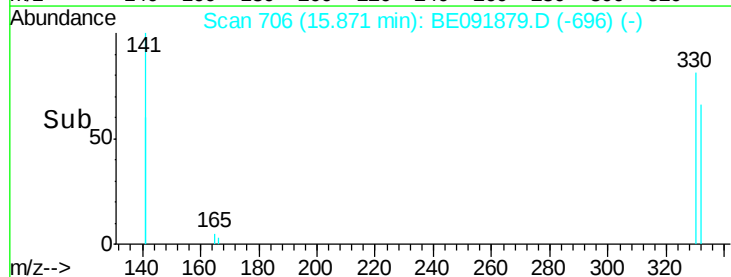
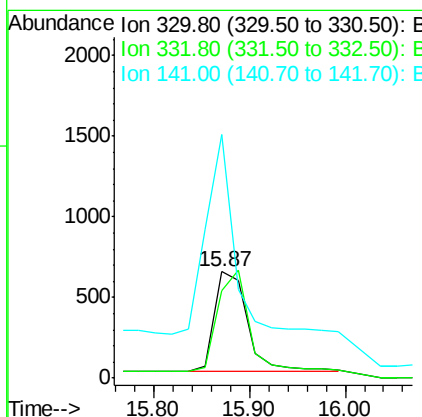
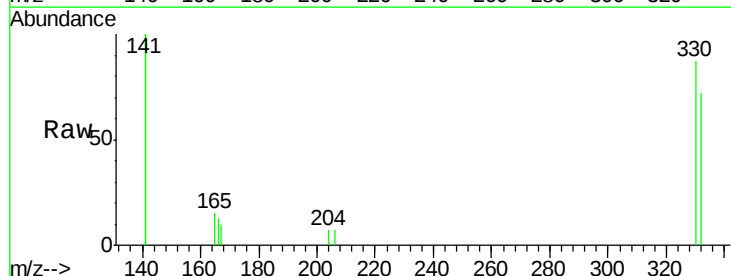
Instrument :
BNA_E
ClientSampleId :

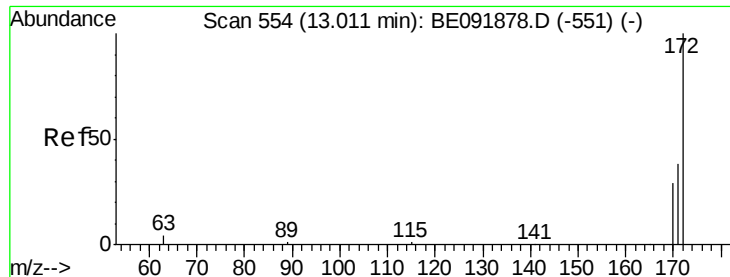
Tot Ion:164 Resp: 60056
Ion Ratio Lower Upper
164 100
162 119.8 71.8 107.8#
160 62.6 28.0 42.0#



#16
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.87 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:330 Resp: 1455
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 173.9 138.4 207.6

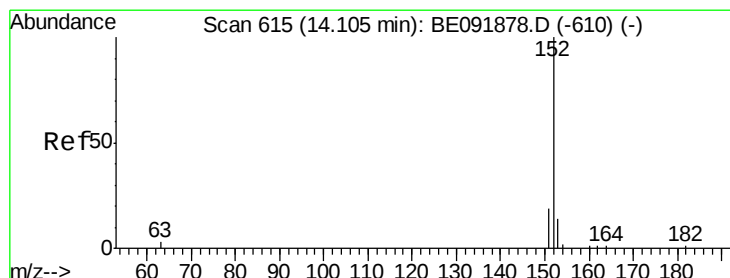
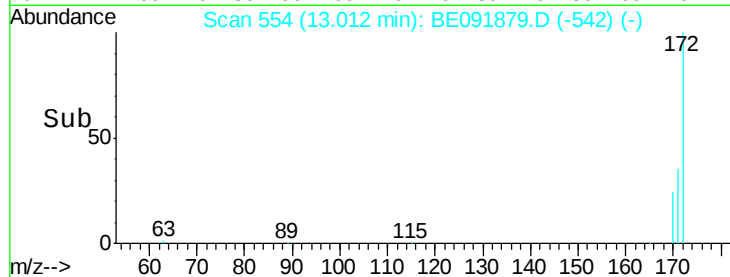
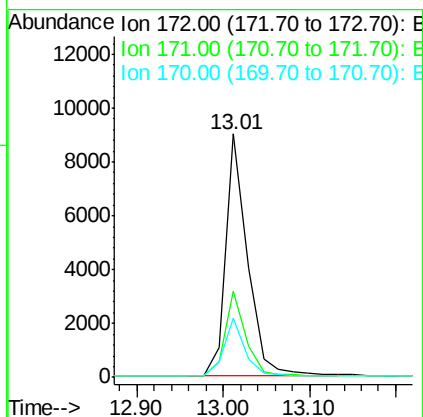
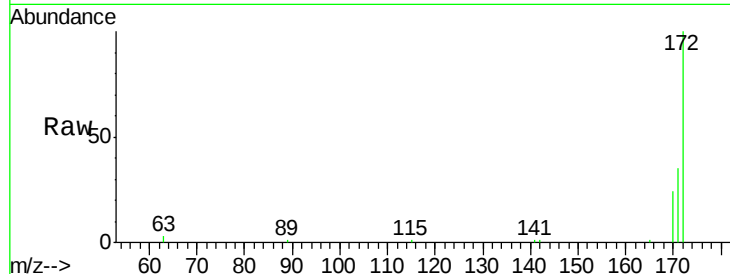




#17
2-Fluorobiphenyl
Concen: 0.89 ng
RT: 13.01 min Scan# 554
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

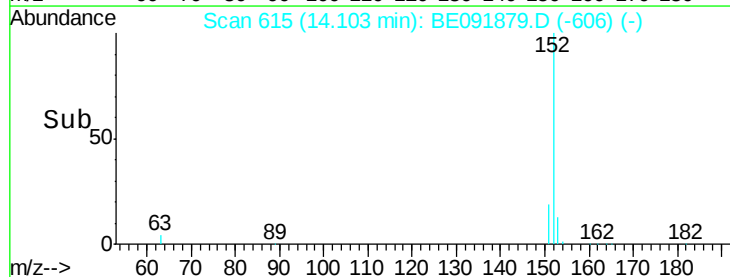
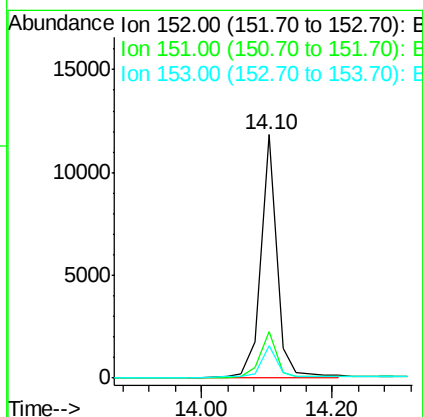
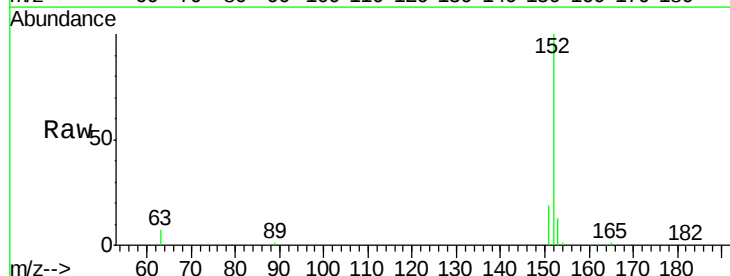
Instrument :
BNA_E
ClientSampleId :

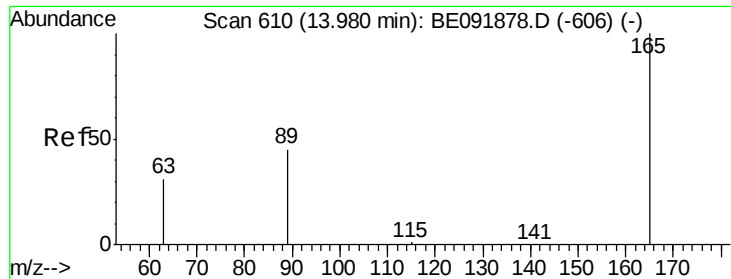
Tot Ion:172 Resp: 15828
Ion Ratio Lower Upper
172 100
171 35.3 24.3 36.5
170 24.4 14.9 22.3#



#18
Acenaphthylene
Concen: 0.74 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:152 Resp: 21930
Ion Ratio Lower Upper
152 100
151 21.3 19.4 29.2
153 15.4 14.4 21.6

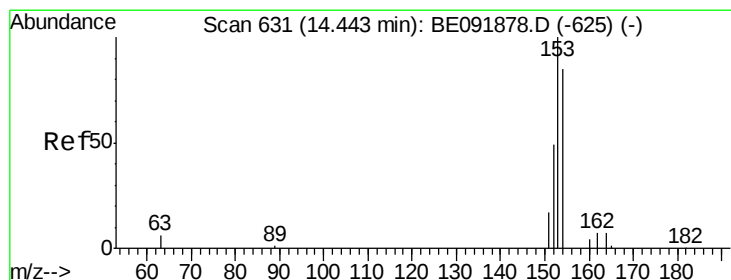
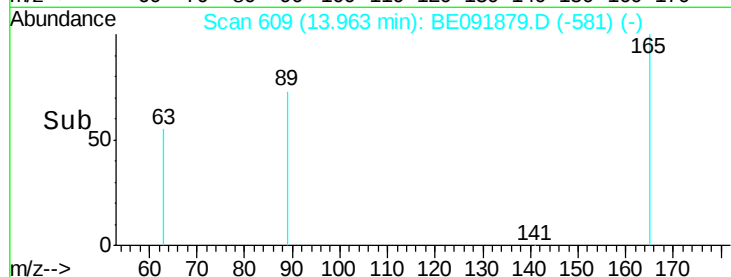
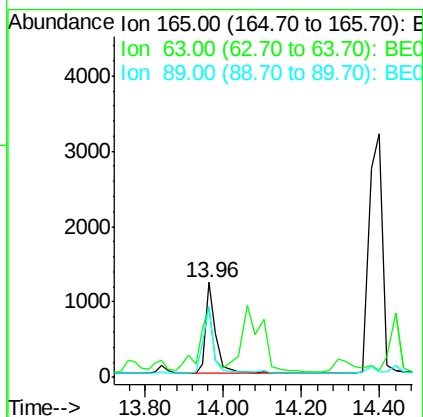
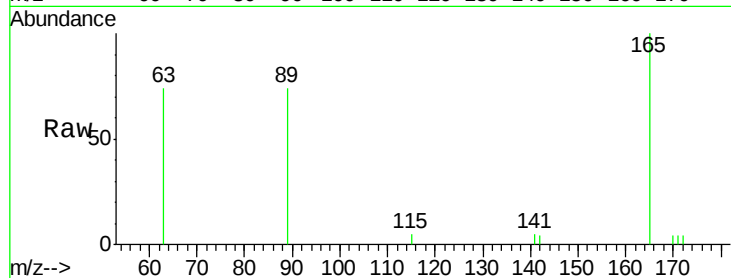




#19
2,6-Dinitrotoluene
Concen: 0.62 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

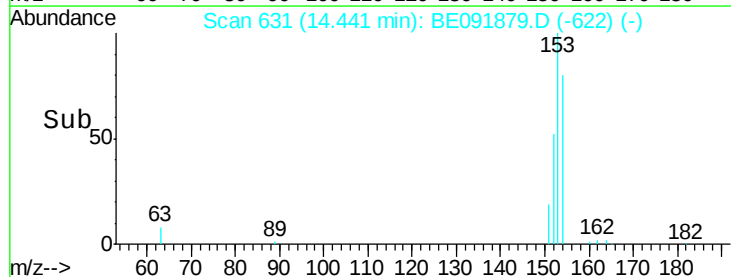
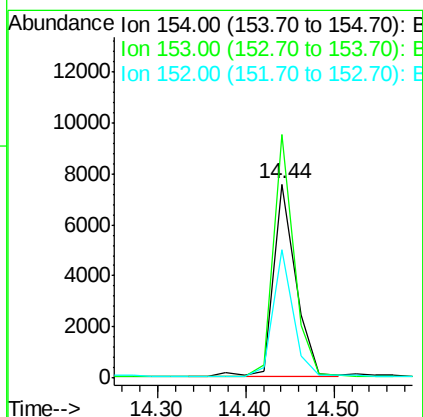
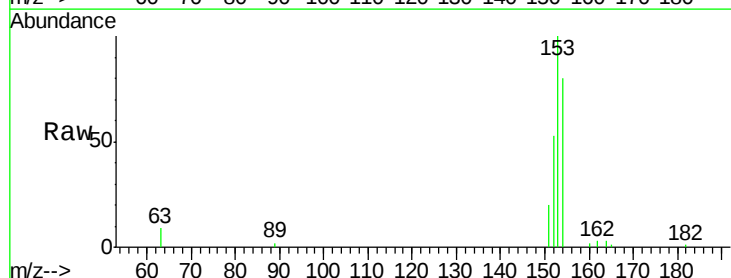
Instrument :
BNA_E
ClientSampleId :

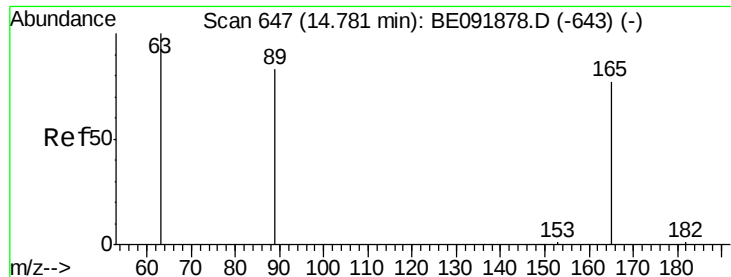
Tot Ion:165 Resp: 2560
Ion Ratio Lower Upper
165 100
63 80.6 65.9 98.9
89 73.5 59.1 88.7



#20
Acenaphthene
Concen: 0.83 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:154 Resp: 13381
Ion Ratio Lower Upper
154 100
153 115.2 88.1 132.1
152 58.3 44.2 66.2

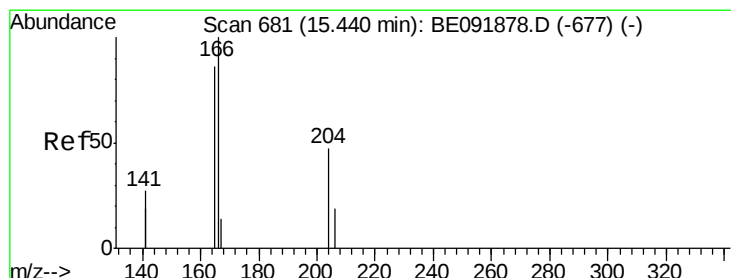
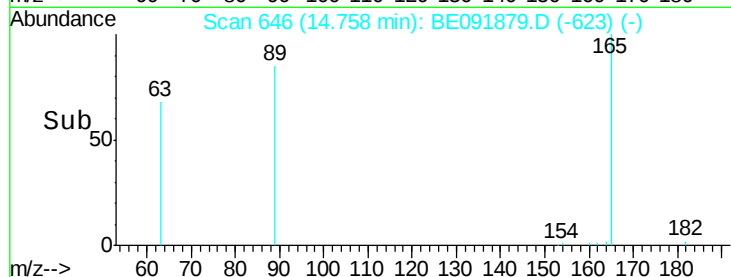
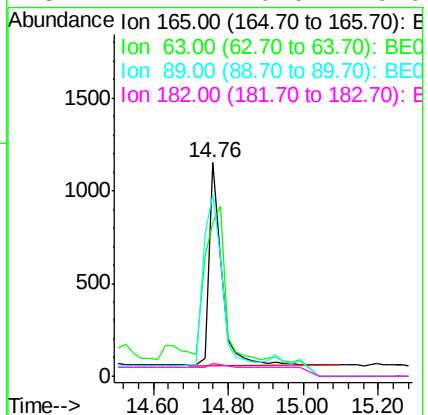
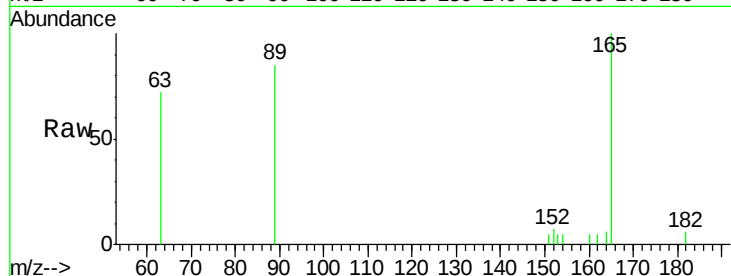




#21
2,4-Dinitrotoluene
Concen: 0.57 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.02 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

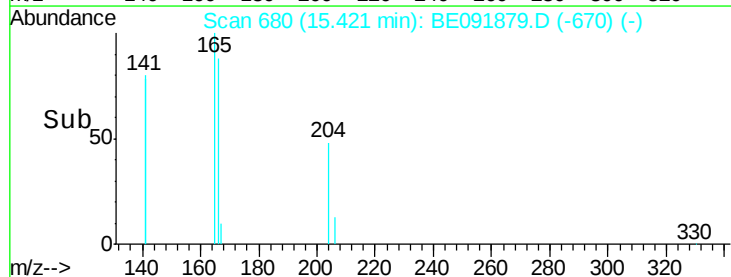
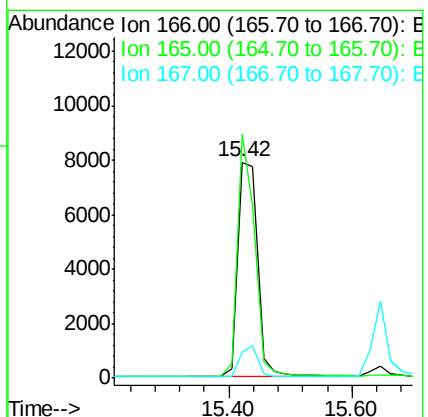
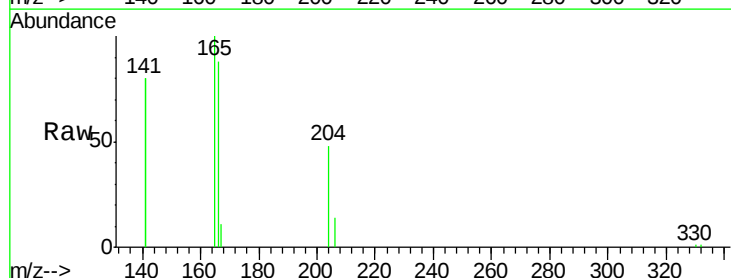
Instrument :
BNA_E
ClientSampleId :

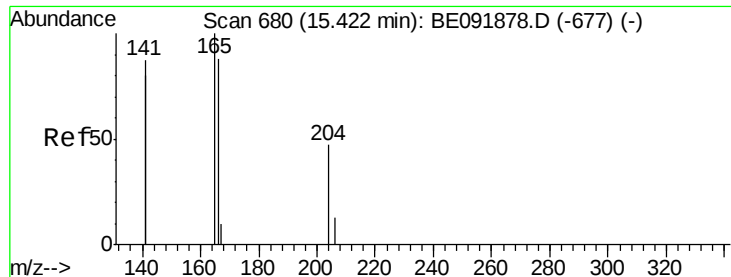
Tot Ion:165 Resp: 2711
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 122.9 99.8 149.8
182 2.2 0.0 0.0#



#22
Fluorene
Concen: 0.84 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.02 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:166 Resp: 17669
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 13.5 10.8 16.2

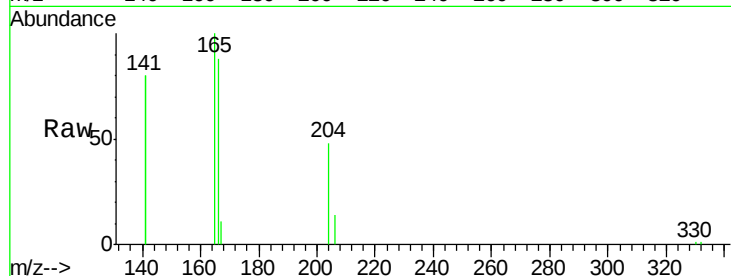




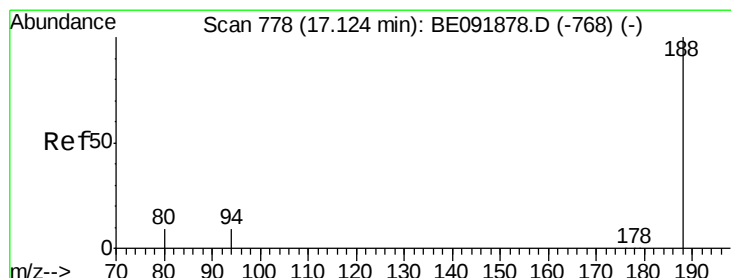
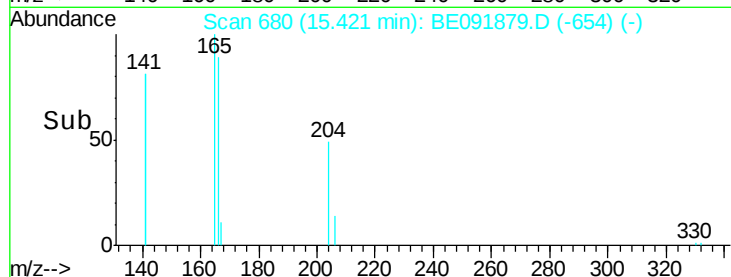
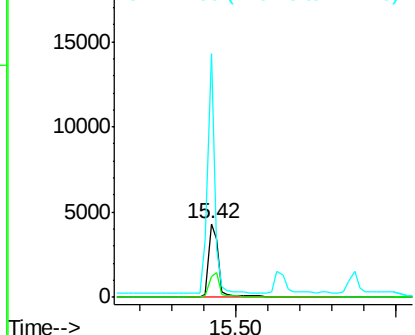
#23
4-Chlorophenyl-phenylether
Concen: 0.82 ng
RT: 15.42 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:204 Resp: 8735
Ion Ratio Lower Upper
204 100
206 33.8 27.8 41.6
141 246.7 197.6 296.4

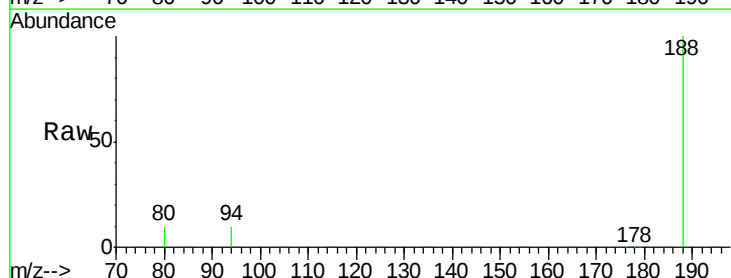


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

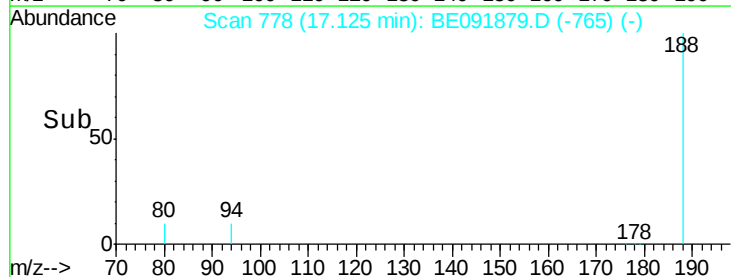
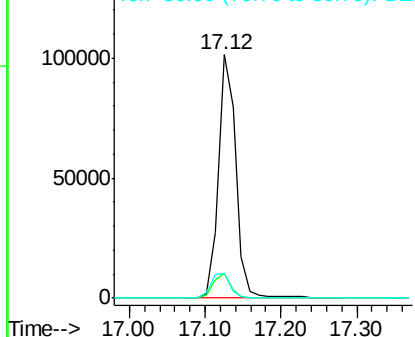


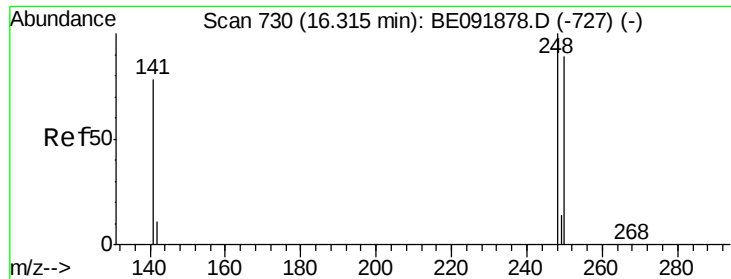
#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:188 Resp: 163063
Ion Ratio Lower Upper
188 100
94 10.2 4.1 6.1#
80 10.0 3.4 5.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

4-Bromophenyl-phenylether

Concen: 0.92 ng

RT: 16.31 min Scan# 730

Delta R.T. -0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

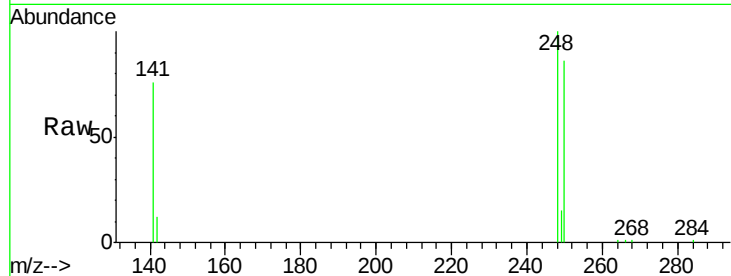
Tot Ion:248 Resp: 5372

Ion Ratio Lower Upper

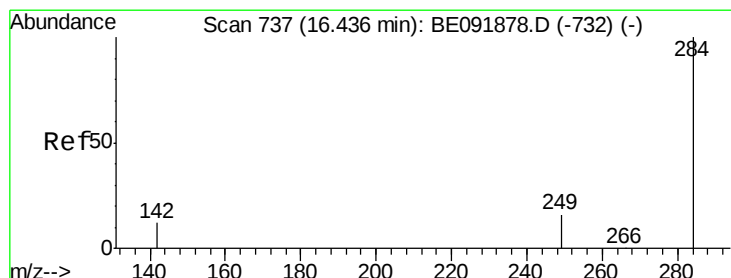
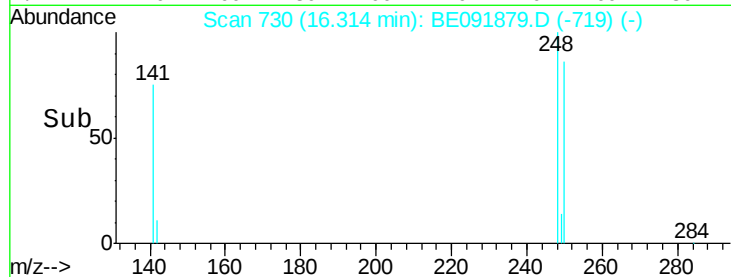
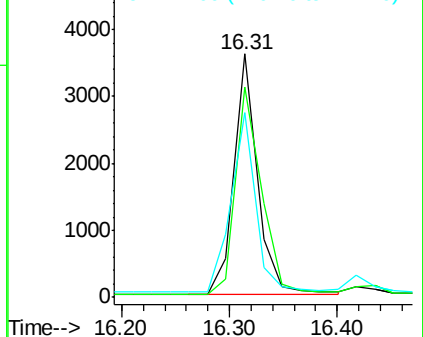
248 100

250 95.5 75.7 113.5

141 79.1 64.6 97.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.96 ng

RT: 16.44 min Scan# 737

Delta R.T. -0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

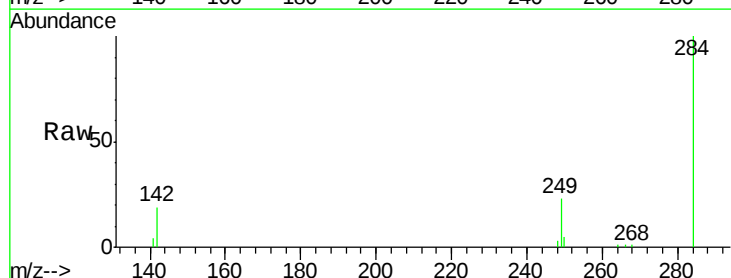
Tgt Ion:284 Resp: 5342

Ion Ratio Lower Upper

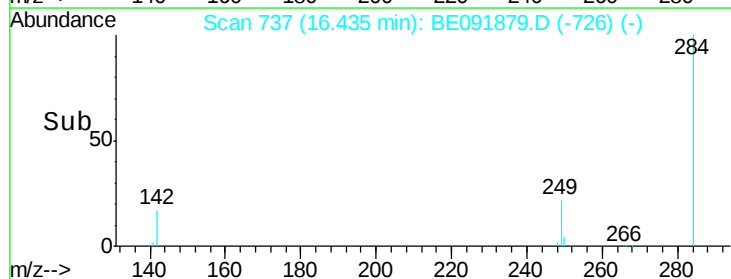
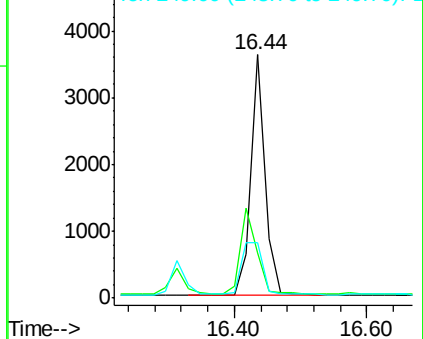
284 100

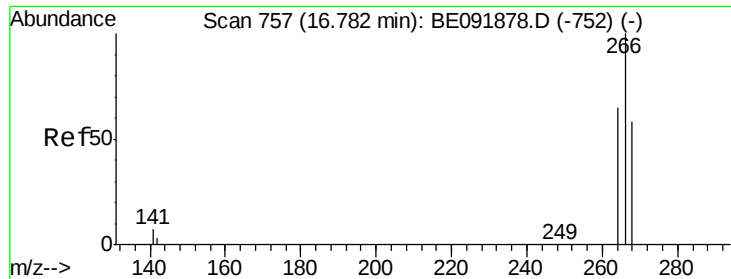
142 39.6 31.4 47.2

249 31.9 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: 0.79 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

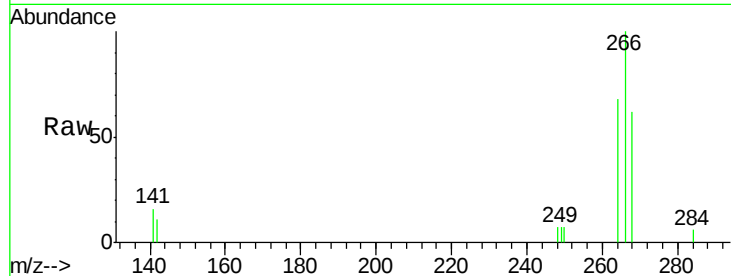
Tot Ion:266 Resp: 1686

Ion Ratio Lower Upper

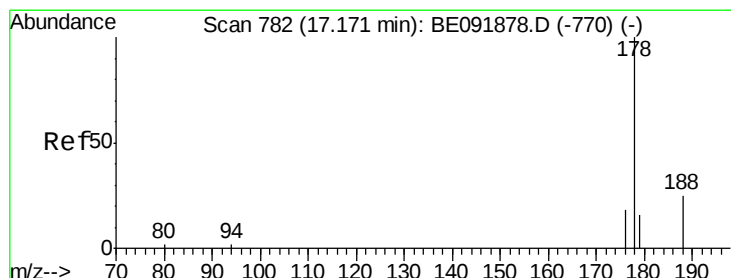
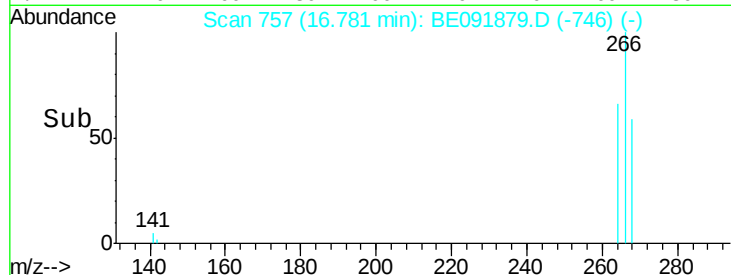
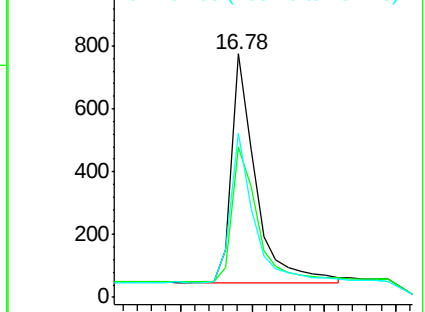
266 100

268 61.8 60.5 90.7

264 67.7 51.0 76.4



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



#28

Phenanthrene

Concen: 0.96 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

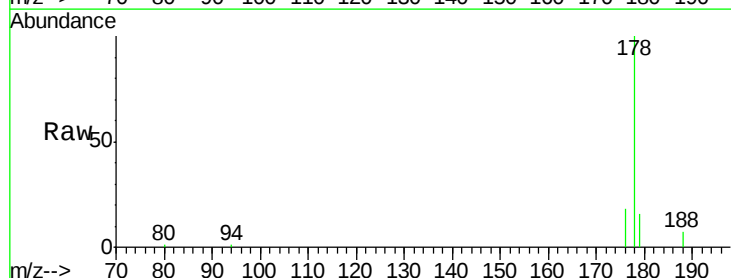
Tgt Ion:178 Resp: 34166

Ion Ratio Lower Upper

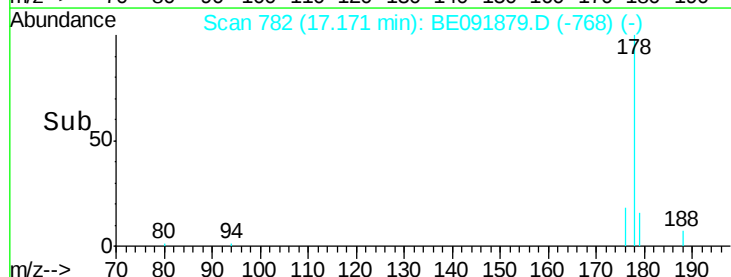
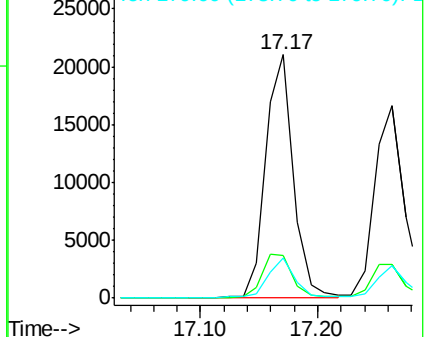
178 100

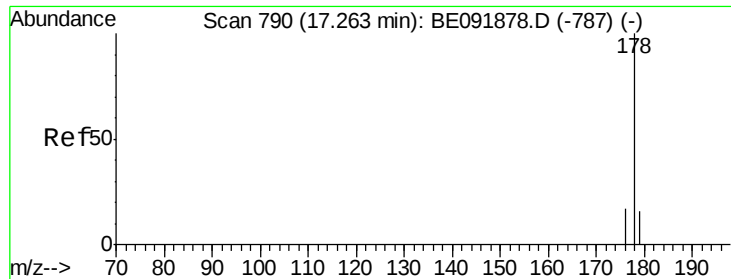
176 19.3 15.4 23.2

179 15.7 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: 0.92 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampled :

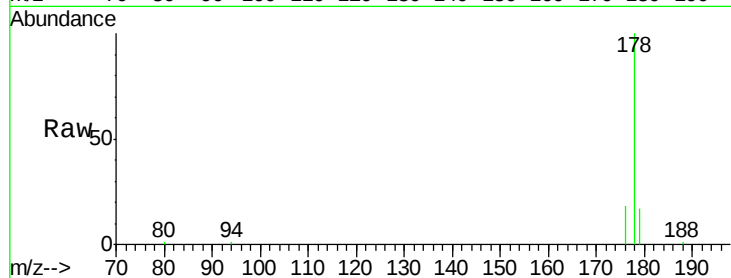
Tot Ion:178 Resp: 30054

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

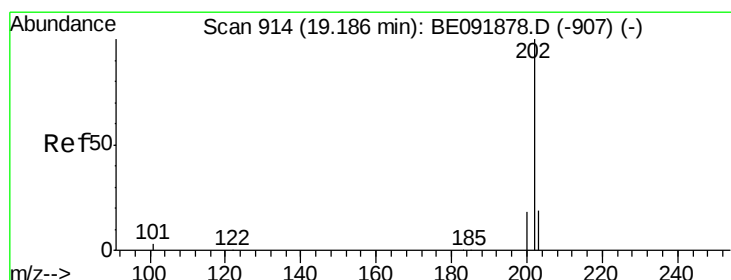
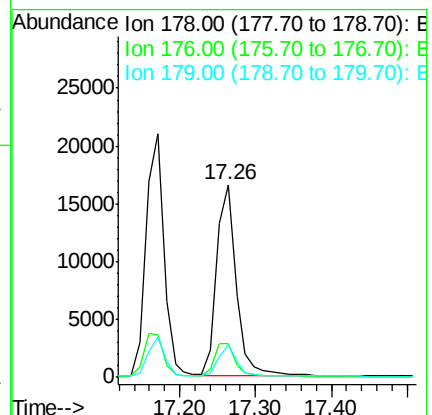
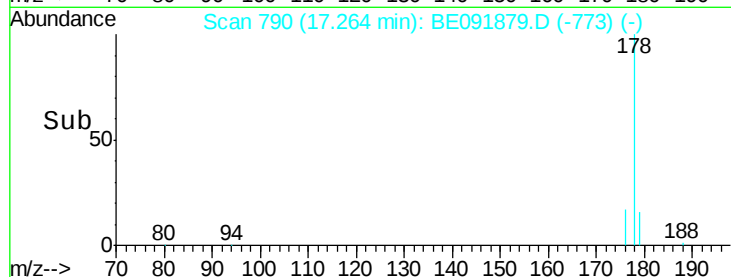
179 15.3 12.1 18.1



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: 0.87 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

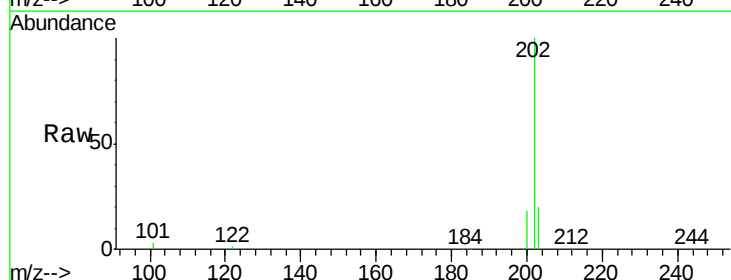
Tgt Ion:202 Resp: 35992

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

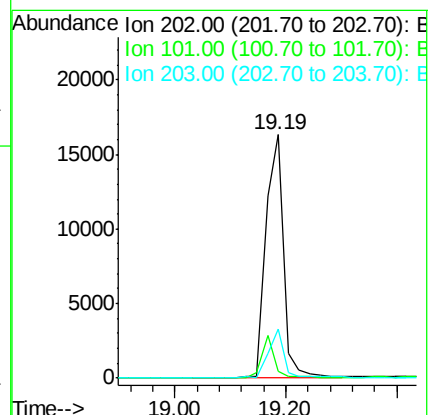
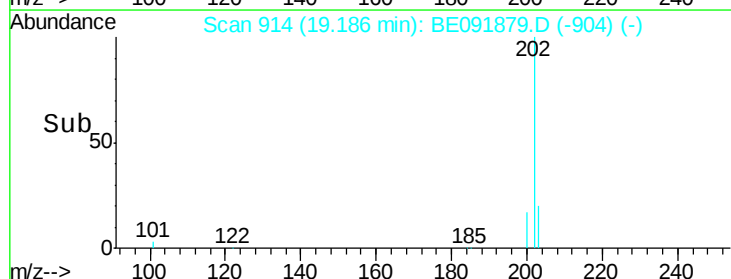
203 17.6 14.3 21.5

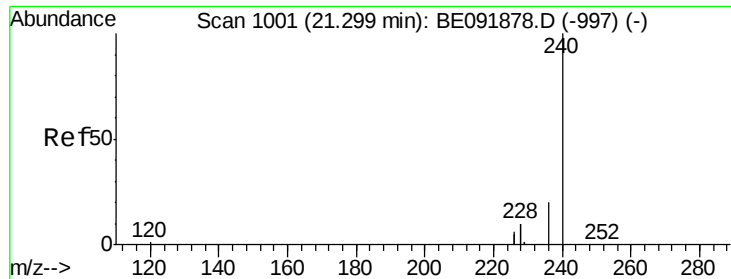


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

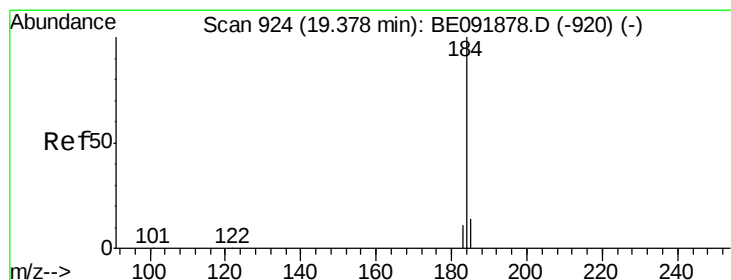
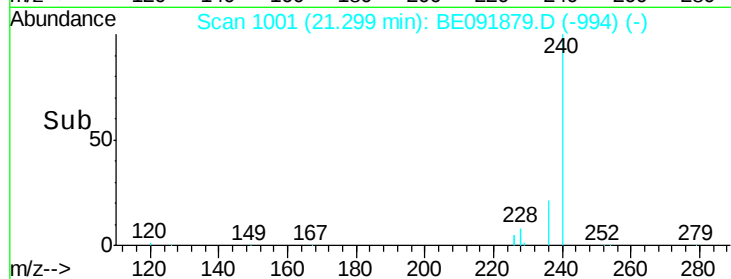
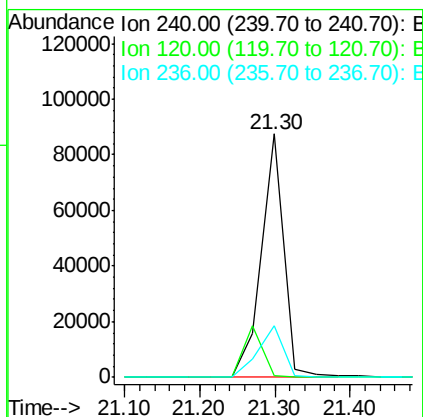
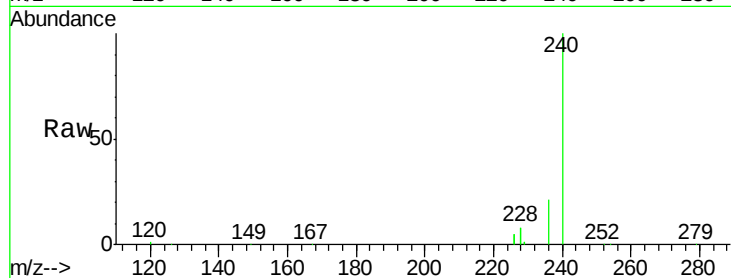




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

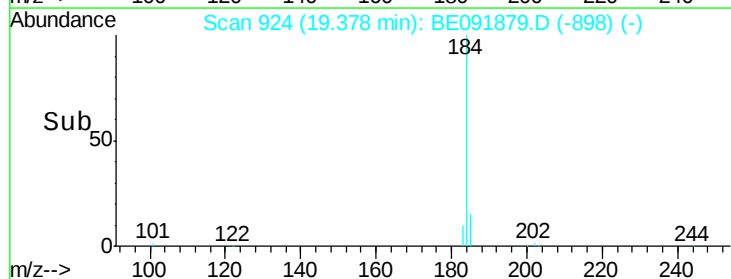
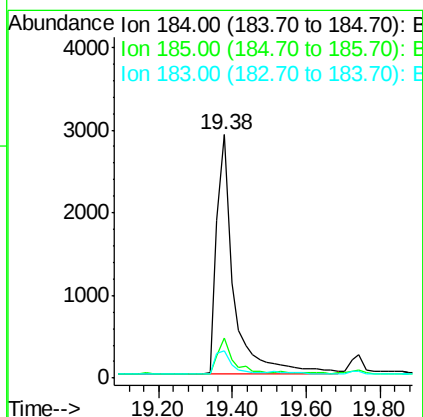
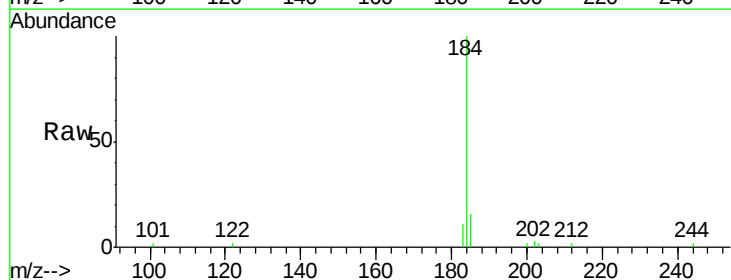
Instrument :
BNA_E
ClientSampleId :

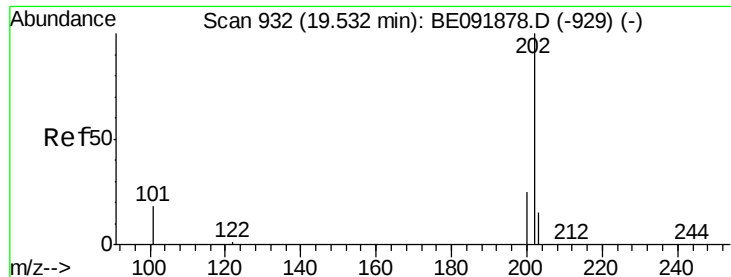
Tot Ion:240 Resp: 183503
Ion Ratio Lower Upper
240 100
120 0.7 1.2 1.8#
236 21.0 19.8 29.8



#32
Benzidine
Concen: 0.63 ng
RT: 19.38 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:184 Resp: 9217
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.2
183 11.4 11.8 17.6#

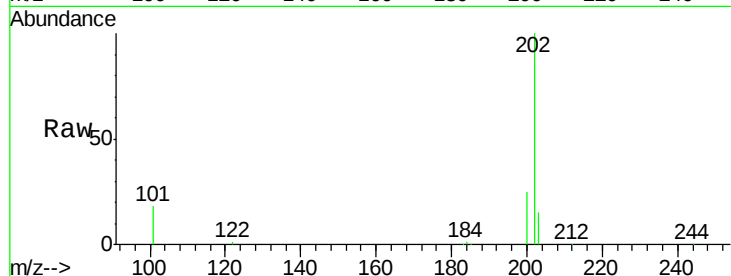




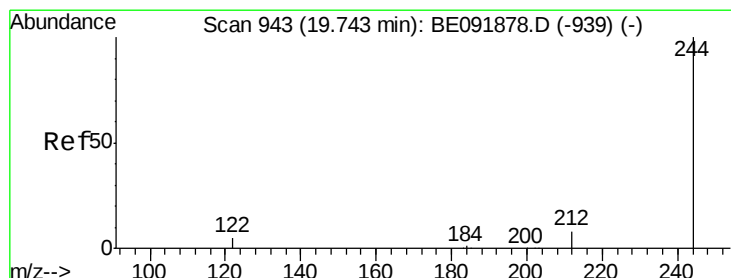
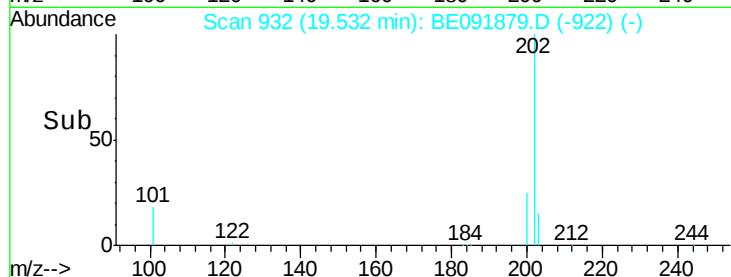
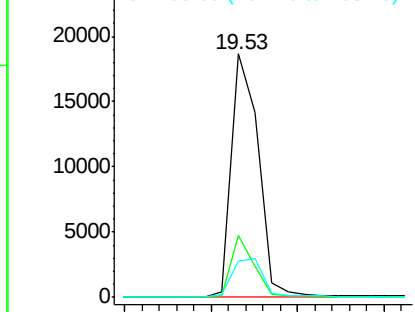
#33
Pvrene
Concen: 1.03 ng
RT: 19.53 min Scan# 932
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 40060
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.8 14.1 21.1

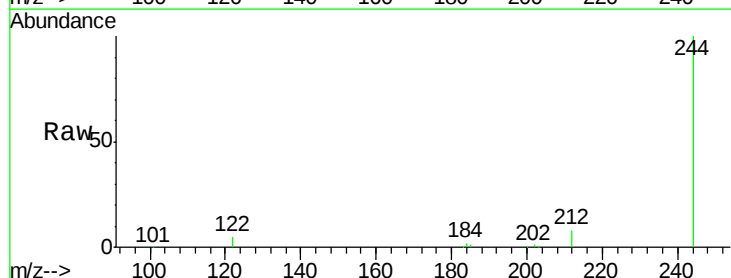


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

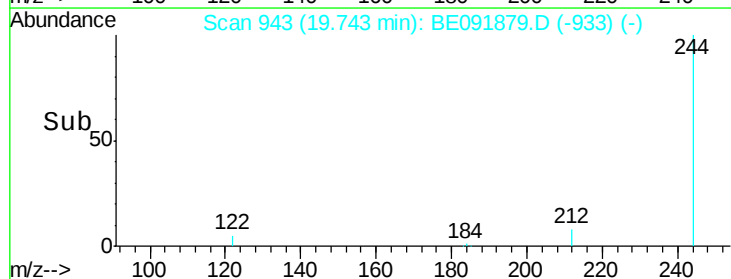
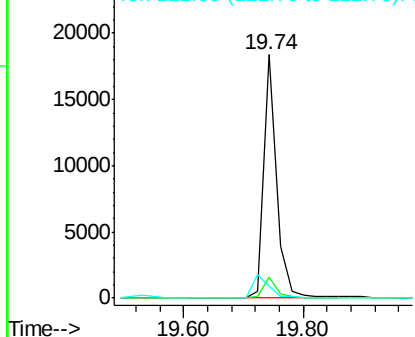


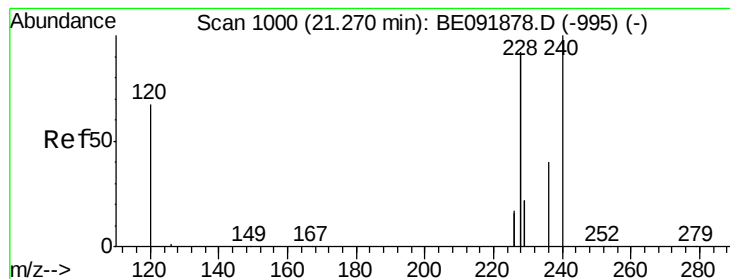
#34
Terphenyl-d14
Concen: 0.98 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091879.D
Acq: 7 Jun 2016 12:07

Tgt Ion:244 Resp: 27130
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 5.1 2.9 4.3#



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





#35

Benzo(a)anthracene

Concen: 7.54 ng

RT: 21.27 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

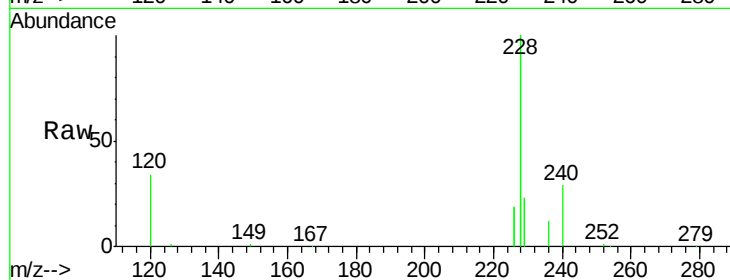
Tot Ion:228 Resp: 368962

Ion Ratio Lower Upper

228 100

226 19.3 21.0 31.4#

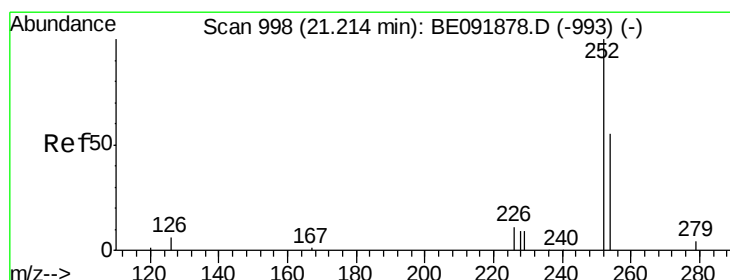
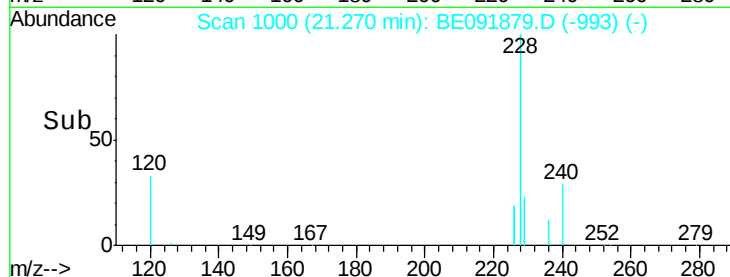
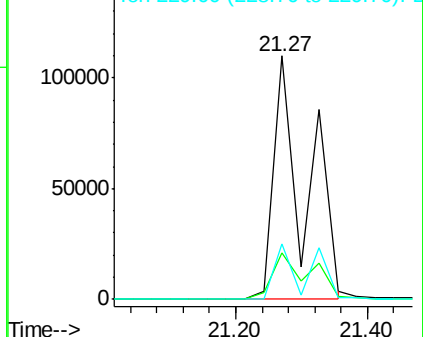
229 22.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 0.36 ng

RT: 21.21 min Scan# 998

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

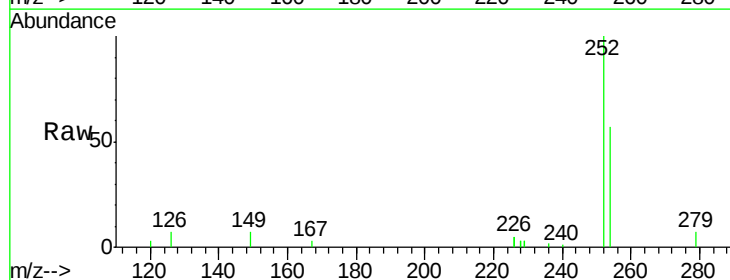
Tgt Ion:252 Resp: 9684

Ion Ratio Lower Upper

252 100

254 57.1 61.5 92.3#

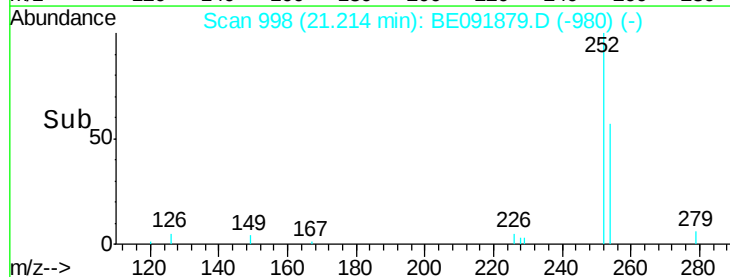
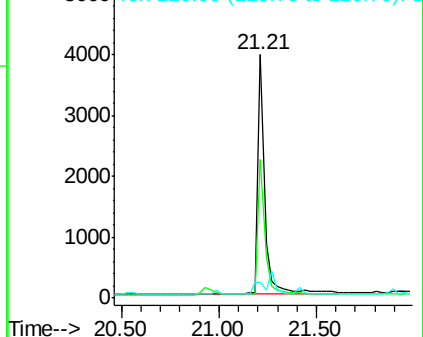
126 6.5 2.5 3.7#

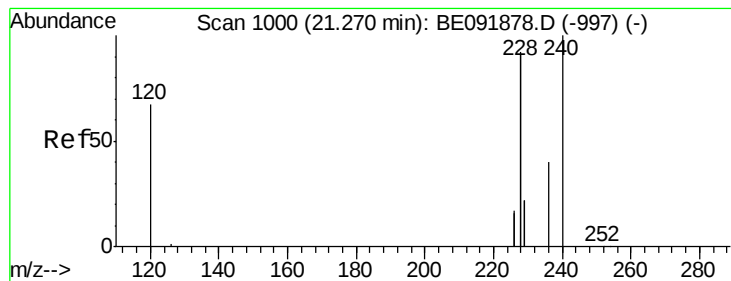


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 8.31 ng

RT: 21.27 min Scan# 1000

Delta R.T. -0.06 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

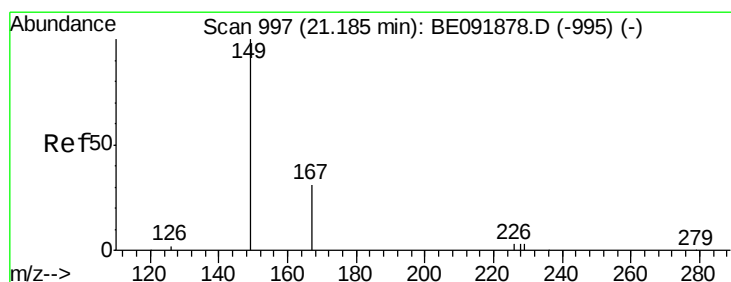
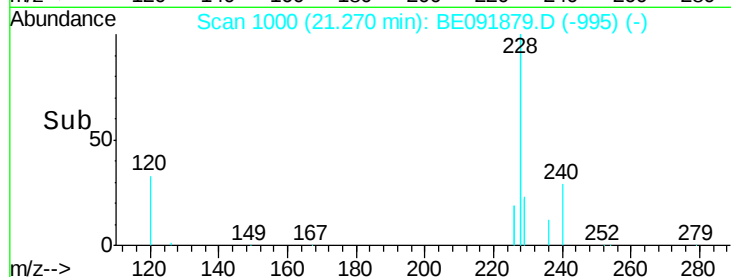
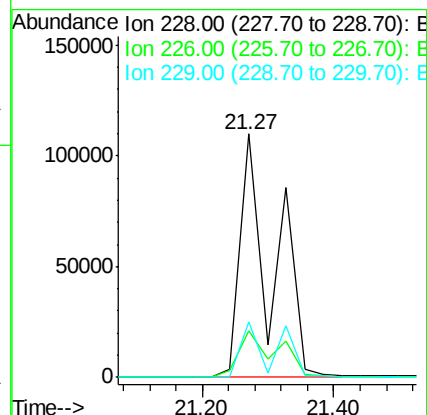
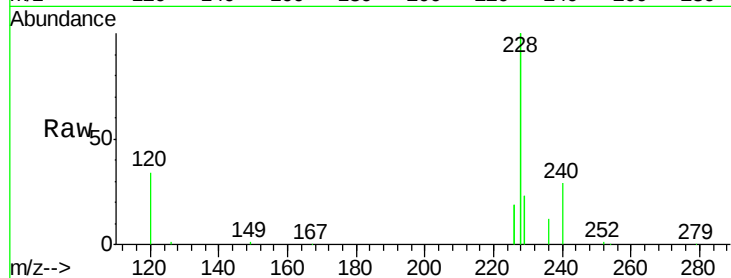
Tot Ion:228 Resp: 372677

Ion Ratio Lower Upper

228 100

226 19.3 27.0 40.6#

229 22.8 13.8 20.8#



#38

Bis(2-ethylhexyl)phthalate

Concen: 1.21 ng

RT: 21.19 min Scan# 997

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

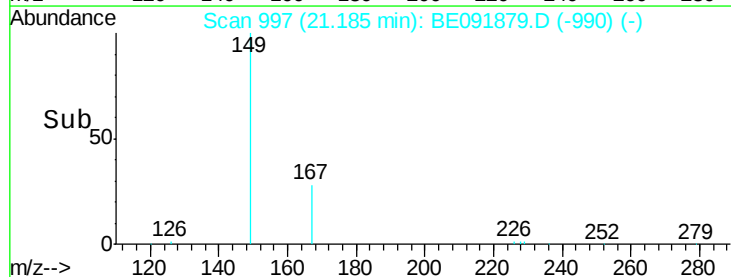
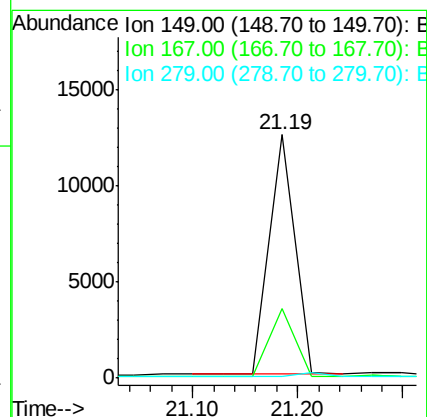
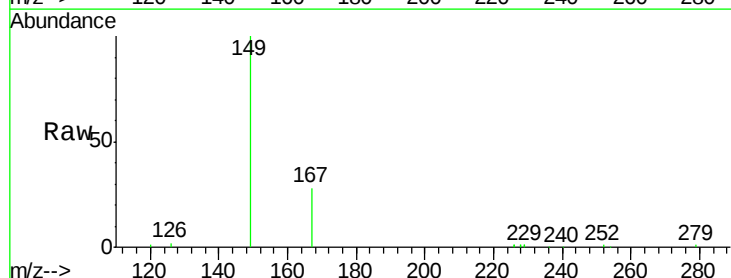
Tgt Ion:149 Resp: 21527

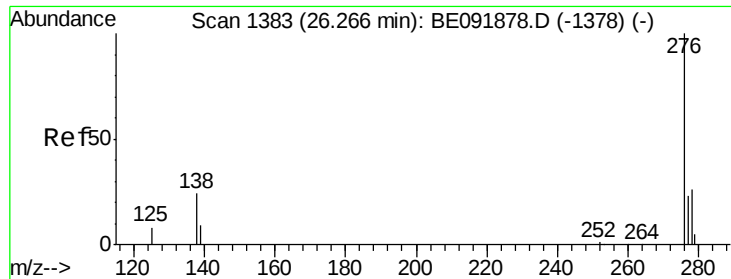
Ion Ratio Lower Upper

149 100

167 28.3 0.0 0.0#

279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.05 ng

RT: 26.29 min Scan# 1384

Delta R.T. 0.02 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

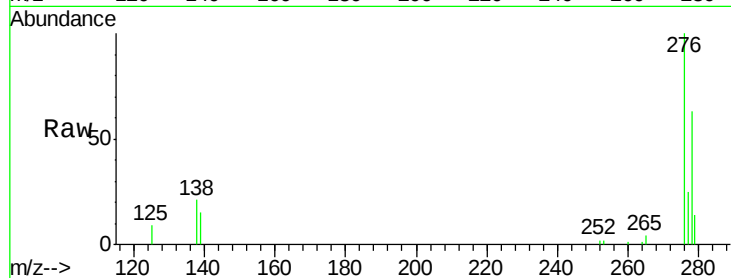
Tot Ion:276 Resp: 48025

Ion Ratio Lower Upper

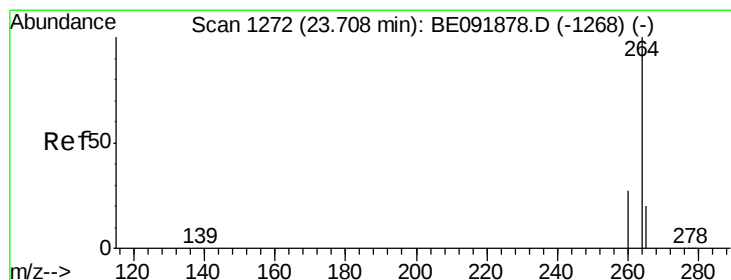
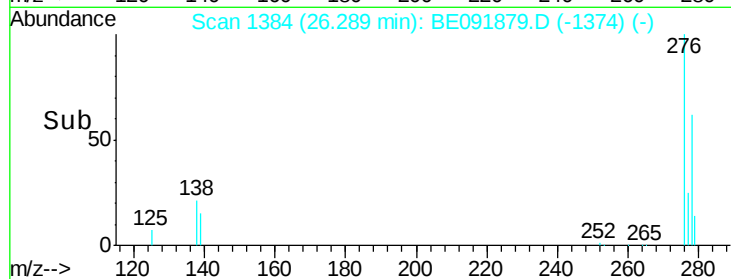
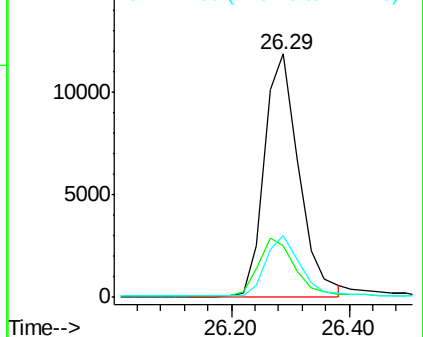
276 100

138 0.0 19.7 29.5#

277 24.5 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: 23.73 min Scan# 1273

Delta R.T. 0.02 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

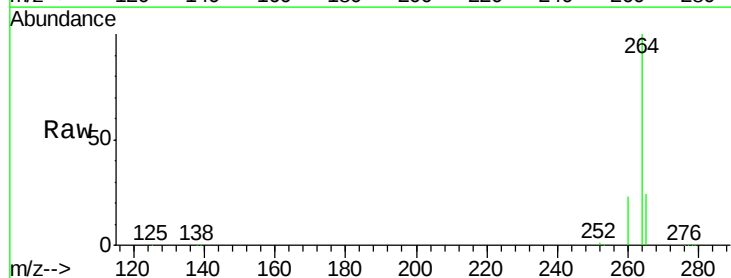
Tgt Ion:264 Resp: 217096

Ion Ratio Lower Upper

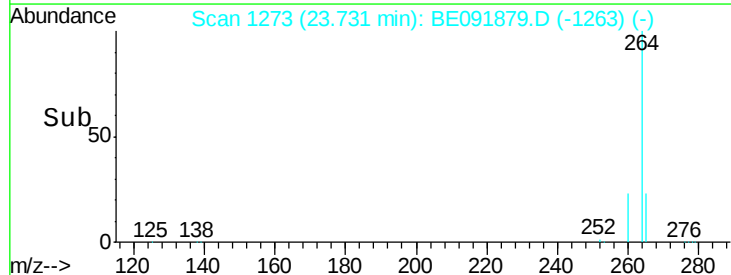
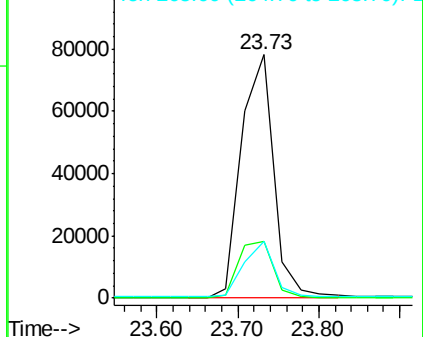
264 100

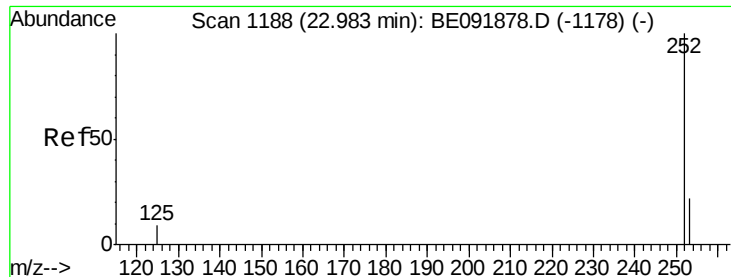
260 23.0 20.3 30.5

265 23.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.77 ng

RT: 22.98 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

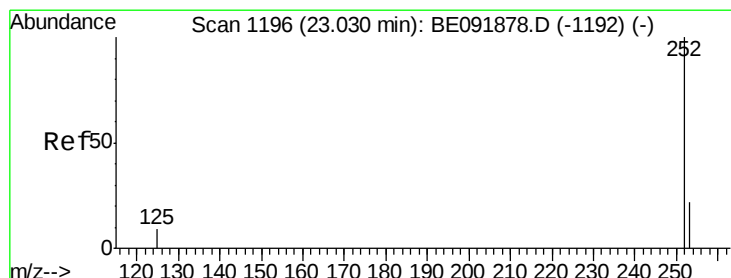
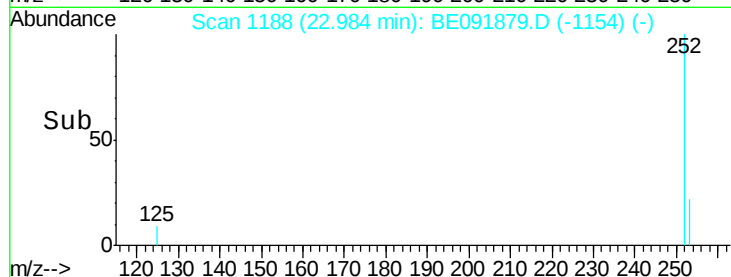
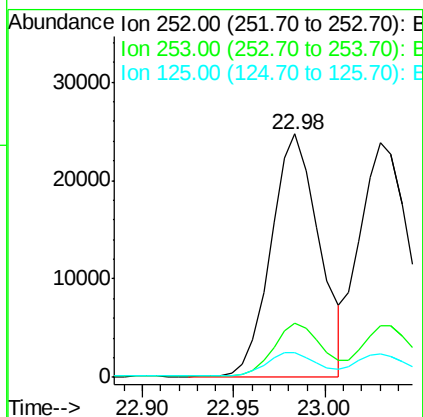
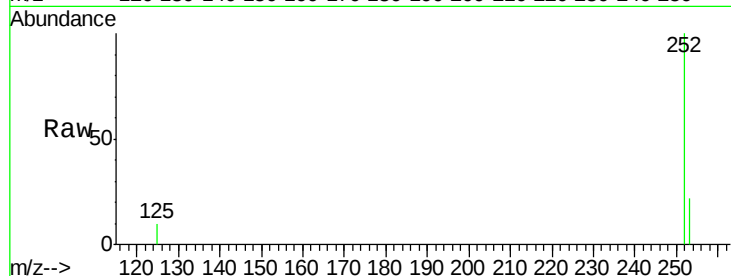
Tot Ion:252 Resp: 45264

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.0 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 0.91 ng

RT: 23.03 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

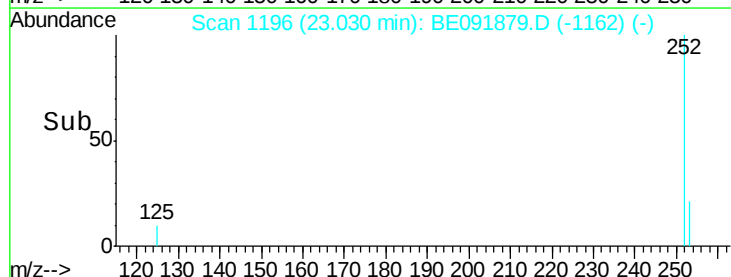
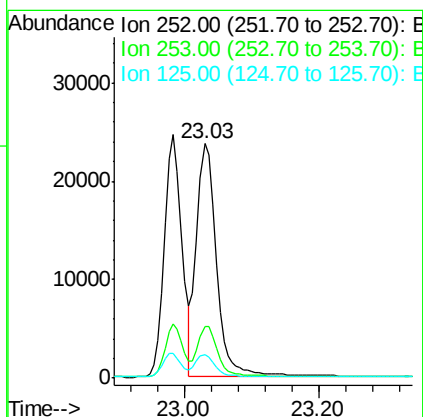
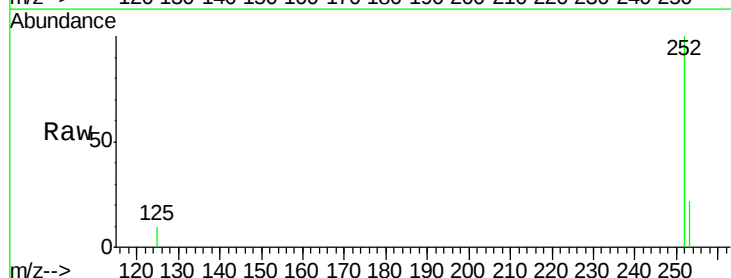
Tgt Ion:252 Resp: 48198

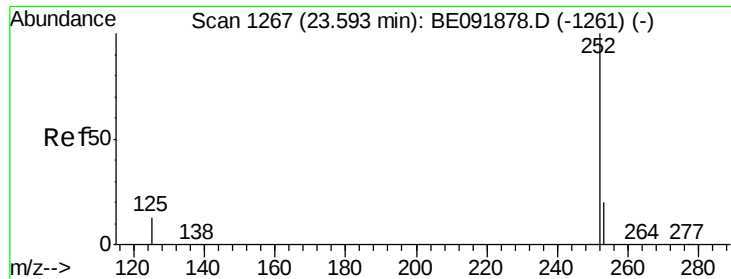
Ion Ratio Lower Upper

252 100

253 22.0 19.4 29.2

125 10.2 8.3 12.5





#43

Benzo(a)pyrene

Concen: 0.83 ng

RT: 23.62 min Scan# 1268

Delta R.T. 0.02 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :

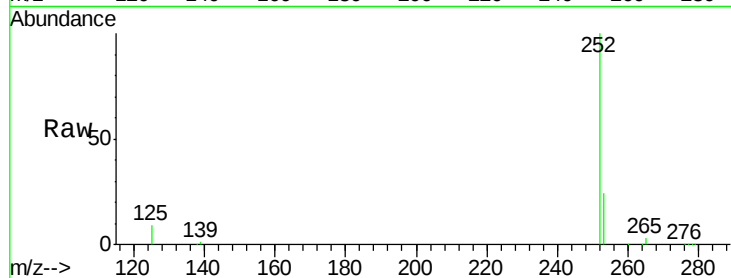
Tot Ion:252 Resp: 44262

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

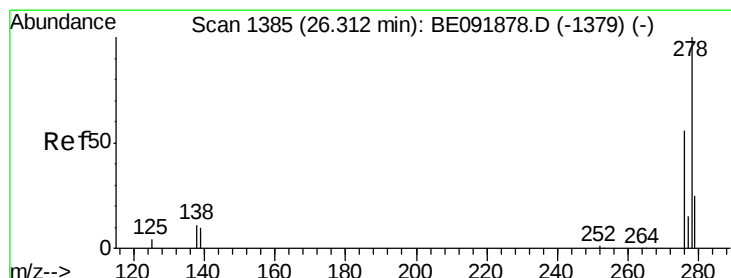
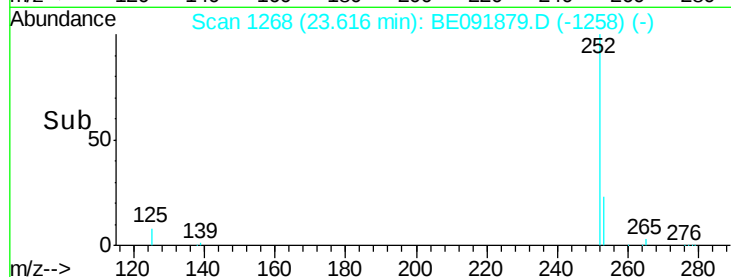
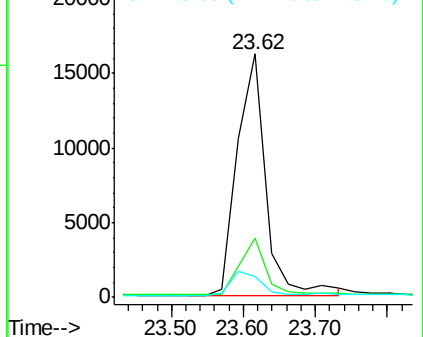
125 8.8 10.5 15.7#



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: 0.79 ng

RT: 26.31 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

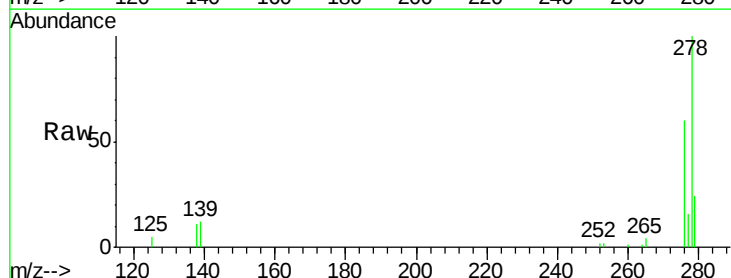
Tgt Ion:278 Resp: 40307

Ion Ratio Lower Upper

278 100

139 11.8 12.6 18.8#

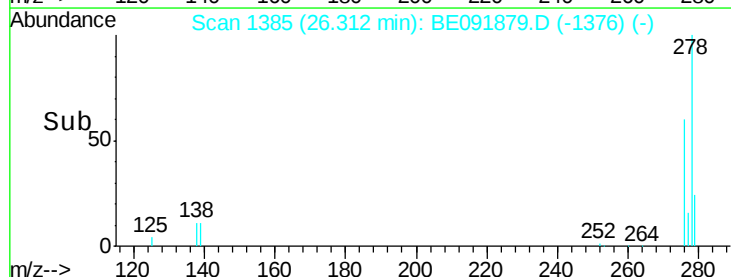
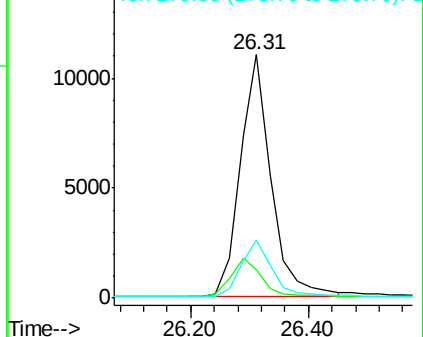
279 24.1 20.0 30.0

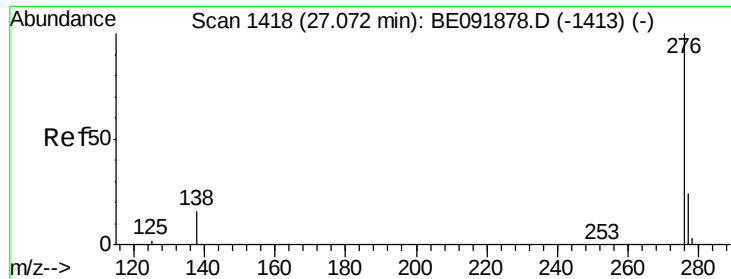


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(a,h,i)perylene

Concen: 0.81 ng

RT: 27.07 min Scan# 1418

Delta R.T. 0.00 min

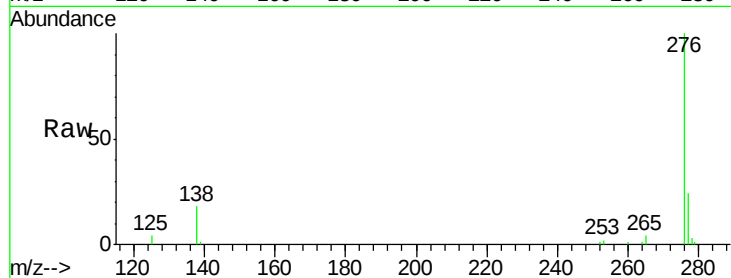
Lab File: BE091879.D

Acq: 7 Jun 2016 12:07

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 42012

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 18.3 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

