

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091859.D
 Acq On : 25 May 2016 15:22
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 25 18:11:05 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 18:07:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	22379	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	104175	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	65144	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	205962	5.00	ng	0.00
31) Chrysene-d12	21.29	240	256128	5.00	ng	0.00
40) Perylene-d12	23.72	264	231694	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	5621	0.91	ng	0.00
5) Phenol-d6	6.95	99	7233	0.88	ng	0.00
9) Nitrobenzene-d5	8.94	82	7404	0.90	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	2632	0.97	ng	0.00
17) 2-Fluorobiphenyl	13.03	172	17730	0.99	ng	0.00
34) Terphenyl-d14	19.74	244	35441	1.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	2737	0.94	ng	96
3) n-Nitrosodimethylamine	3.63	42	3423	0.88	ng	# 97
6) bis(2-Chloroethyl)ether	7.20	93	6203	0.91	ng	99
7) n-Nitroso-di-n-propylamine	8.56	70	5711	0.91	ng	# 91
10) Nitrobenzene	8.96	77	7320	0.93	ng	# 99
11) bis(2-Chloroethoxy)methane	9.98	93	9779	1.07	ng	# 53
12) Naphthalene	10.61	128	19949	0.95	ng	98
13) Hexachlorobutadiene	10.90	225	3100	0.96	ng	99
14) 2-Methylnaphthalene	12.22	142	13445	0.95	ng	94
18) Acenaphthylene	14.11	152	28242	0.98	ng	94
19) 2,6-Dinitrotoluene	13.96	165	4022	0.91	ng	97
20) Acenaphthene	14.44	154	15377	0.97	ng	99
21) 2,4-Dinitrotoluene	14.76	165	4367	0.85	ng	# 1
22) Fluorene	15.44	166	20637	0.98	ng	100
23) 4-Chlorophenyl-phenylether	15.44	204	10316	1.01	ng	99
25) 4-Bromophenyl-phenylether	16.31	248	6532	0.97	ng	98
26) Hexachlorobenzene	16.43	284	6179	0.96	ng	98
27) Pentachlorophenol	16.78	266	2357	0.82	ng	# 85
28) Phenanthrene	17.17	178	38768	0.99	ng	99
29) Anthracene	17.26	178	36609	0.98	ng	99
30) Fluoranthene	19.19	202	45669	1.01	ng	100
32) Benzidine	19.36	184	19112	0.95	ng	95
33) Pyrene	19.53	202	49371	1.01	ng	99
35) Benzo(a)anthracene	21.27	228	120240	1.44	ng	98
36) 3,3'-Dichlorobenzidine	21.22	252	34480	1.03	ng	# 92
37) Chrysene	21.27	228	120606	1.47	ng	# 87
38) Bis(2-ethylhexyl)phthalate	21.17	149	22781	1.04	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	59112	1.01	ng	99
41) Benzo(b)fluoranthene	22.96	252	53192	0.95	ng	98
42) Benzo(k)fluoranthene	23.01	252	54832	1.01	ng	95
43) Benzo(a)pyrene	23.60	252	51196	0.97	ng	97
44) Dibenzo(a,h)anthracene	26.28	278	49179	0.97	ng	98
45) Benzo(a,h,i)perylene	27.05	276	49666	0.97	ng	98

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091859.D
Acq On : 25 May 2016 15:22
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 25 18:11:05 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 18:07:24 2016
Response via : Initial Calibration

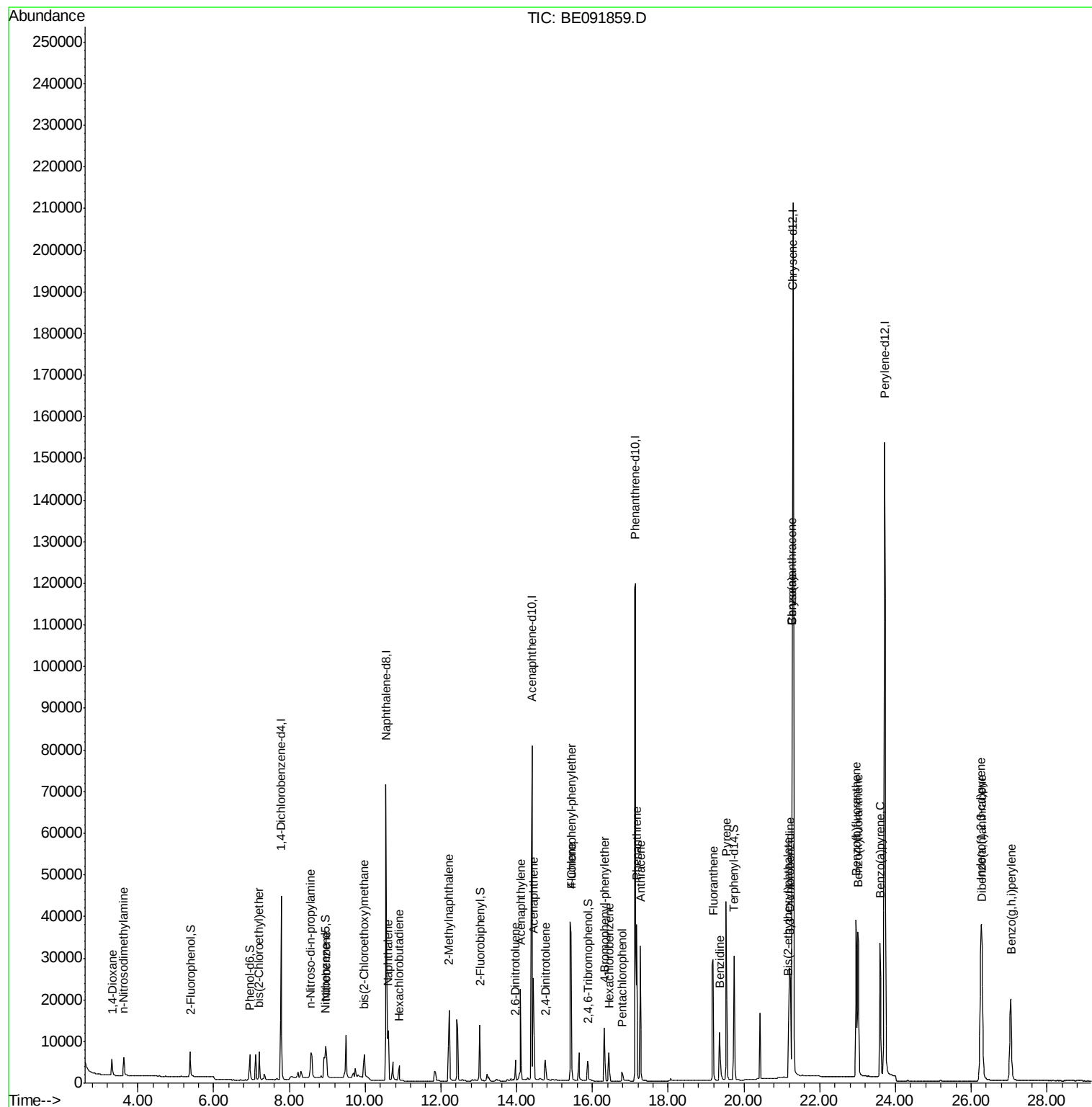
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

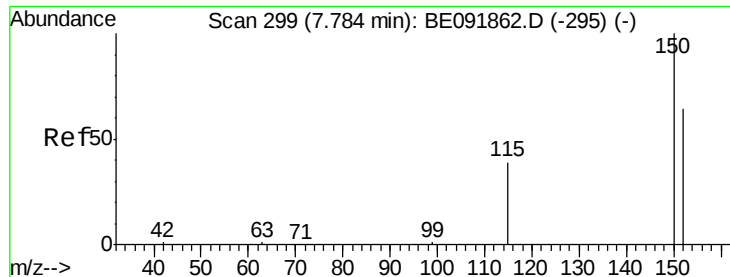
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091859.D
Acq On : 25 May 2016 15:22
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 25 18:11:05 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 18:07:24 2016
Response via : Initial Calibration



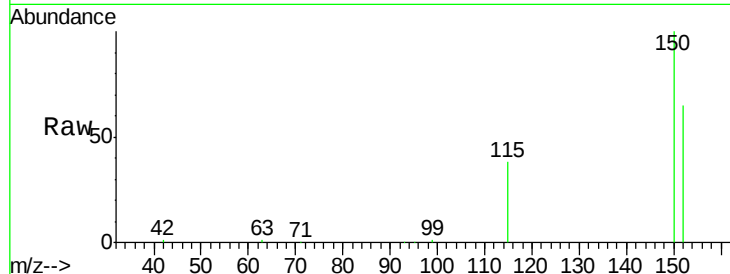


#1

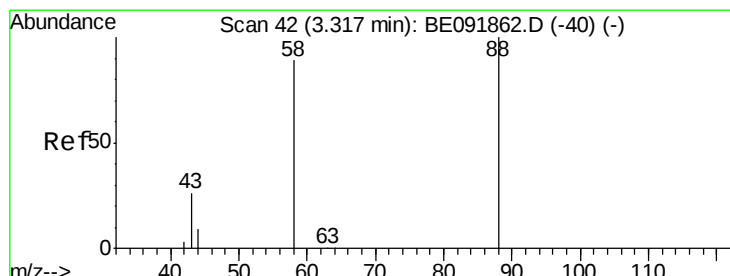
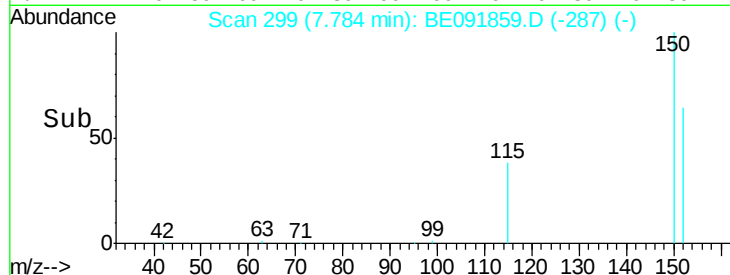
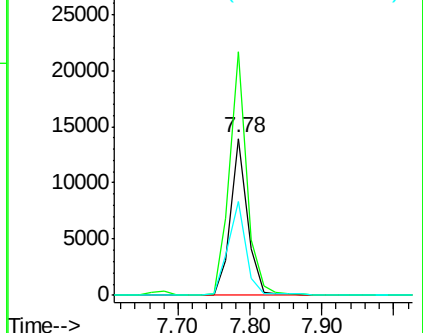
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.78 min Scan# 299
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 22379
Ion Ratio Lower Upper
152 100
150 155.0 123.9 185.9
115 59.4 48.3 72.5



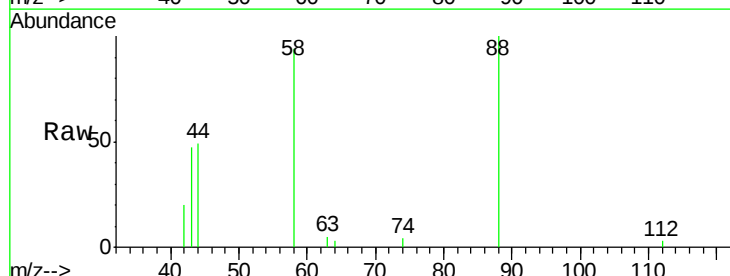
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



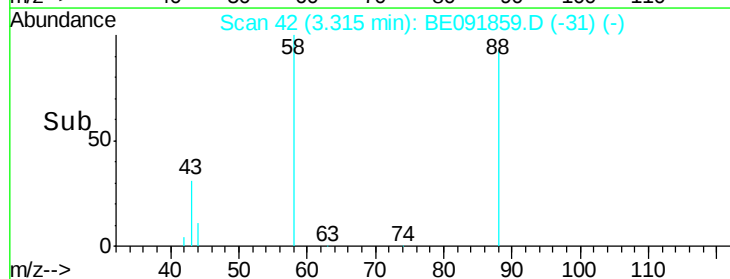
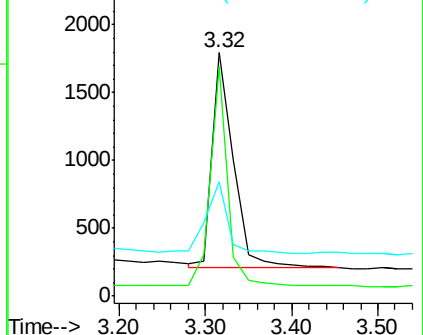
#2

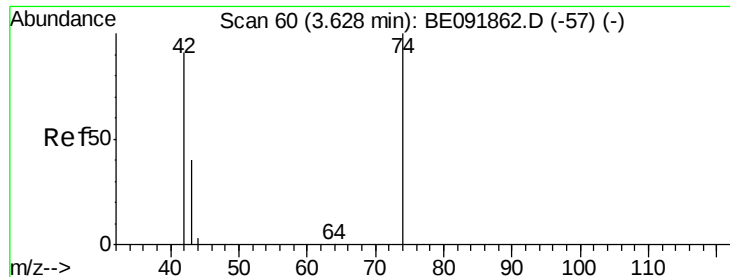
1,4-Dioxane
Concen: 0.94 ng
RT: 3.32 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion: 88 Resp: 2737
Ion Ratio Lower Upper
88 100
58 81.1 63.0 94.4
43 33.2 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: 0.88 ng

RT: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

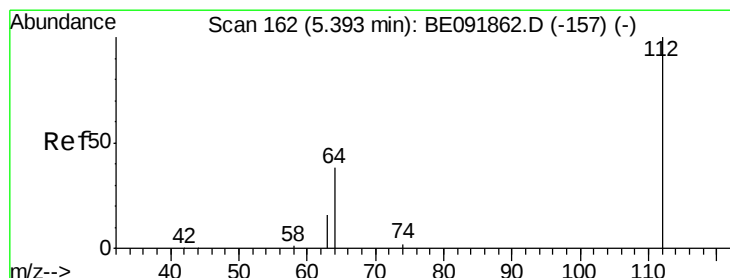
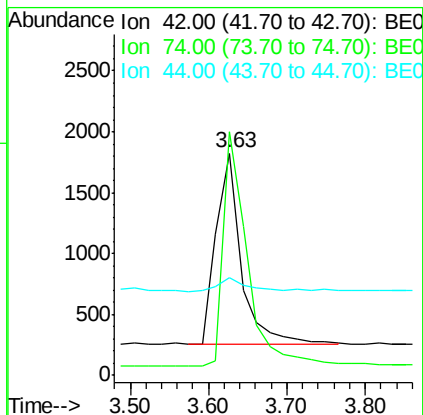
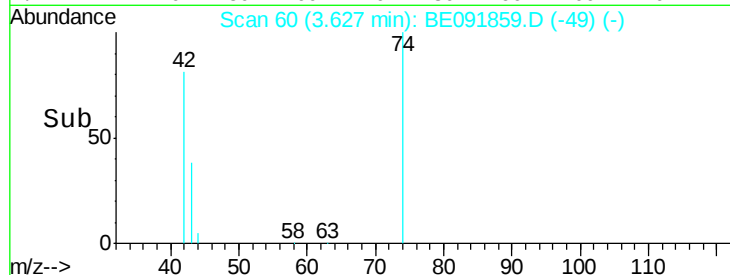
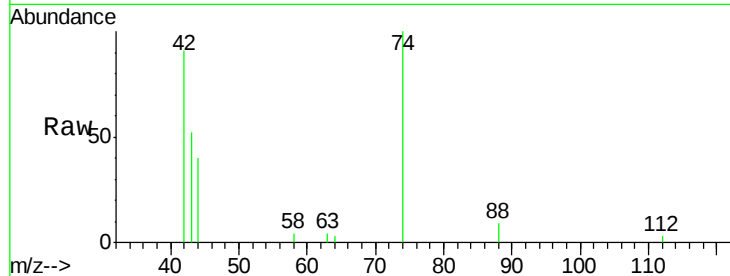
Tot Ion: 42 Resp: 3423

Ion Ratio Lower Upper

42 100

74 119.5 93.4 140.0

44 7.9 5.0 7.6#



#4

2-Fluorophenol

Concen: 0.91 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

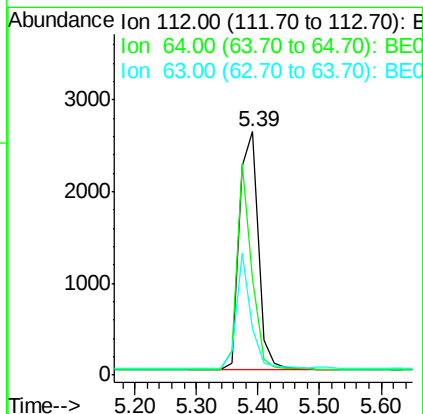
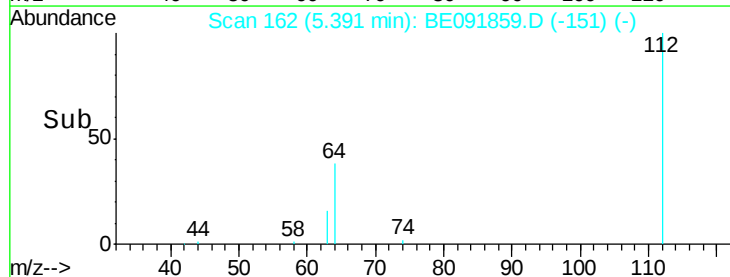
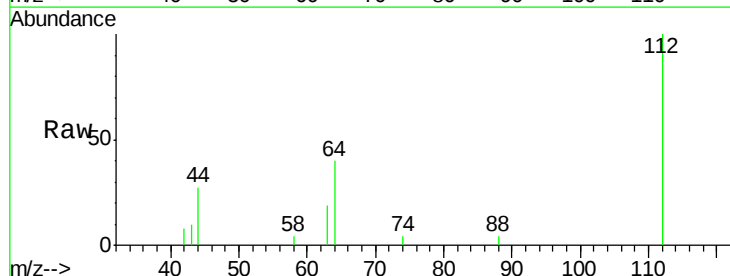
Tgt Ion: 112 Resp: 5621

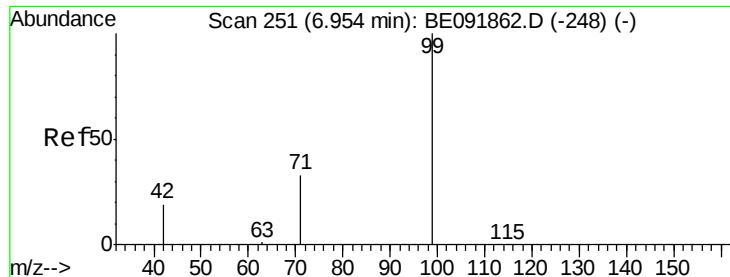
Ion Ratio Lower Upper

112 100

64 67.9 53.7 80.5

63 36.6 29.5 44.3





#5

Phenol-d6

Concen: 0.88 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampled :

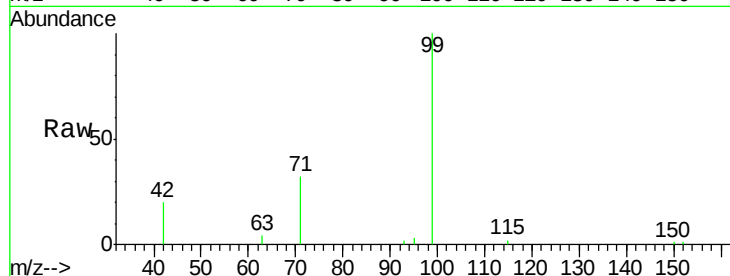
Tot Ion: 99 Resp: 7233

Ion Ratio Lower Upper

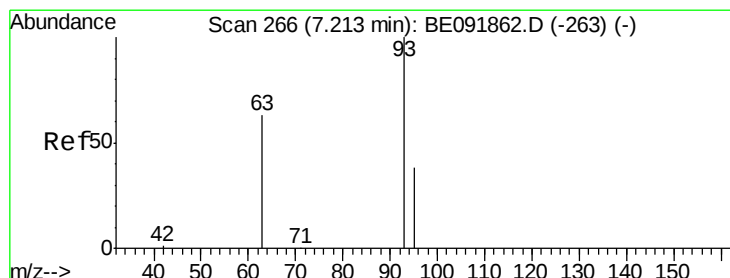
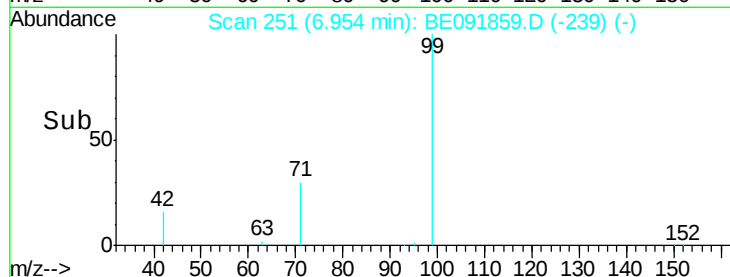
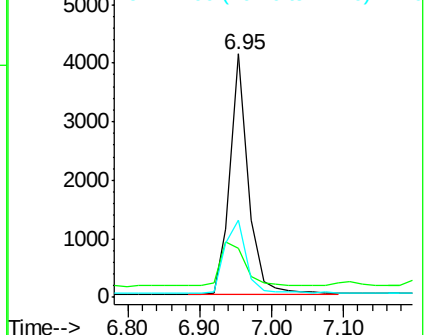
99 100

42 24.5 19.6 29.4

71 36.3 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: 0.91 ng

RT: 7.20 min Scan# 265

Delta R.T. -0.02 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

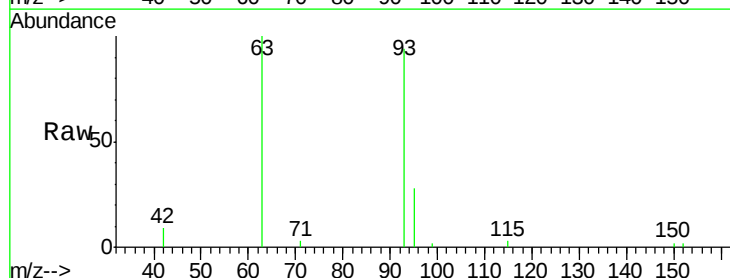
Tgt Ion: 93 Resp: 6203

Ion Ratio Lower Upper

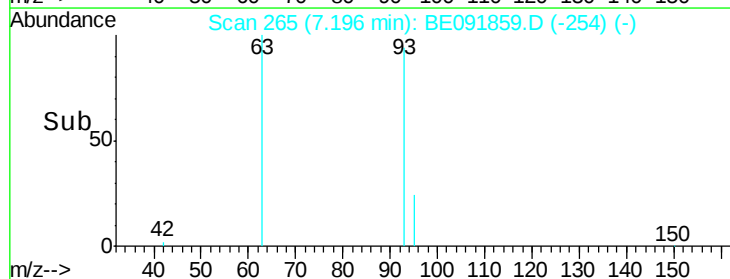
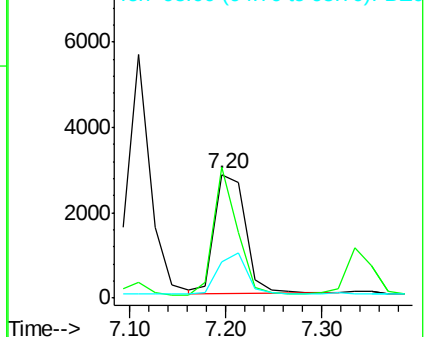
93 100

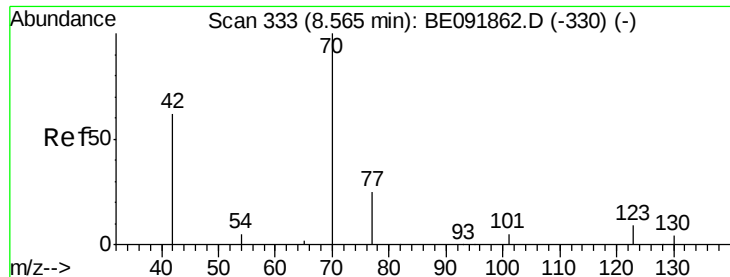
63 83.6 66.2 99.4

95 32.3 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: 0.91 ng

RT: 8.56 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampled :

Tot Ion: 70 Resp: 5711

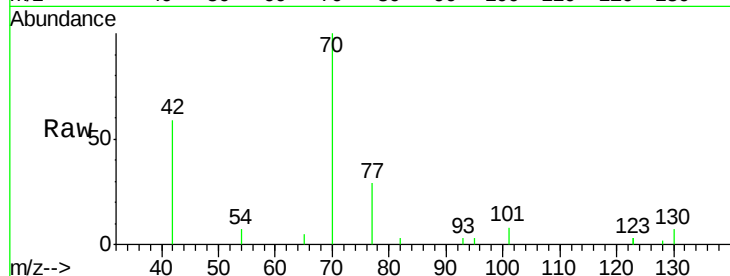
Ion Ratio Lower Upper

70 100

42 65.0 58.4 87.6

101 7.9 6.4 9.6

130 0.0 0.0 0.0

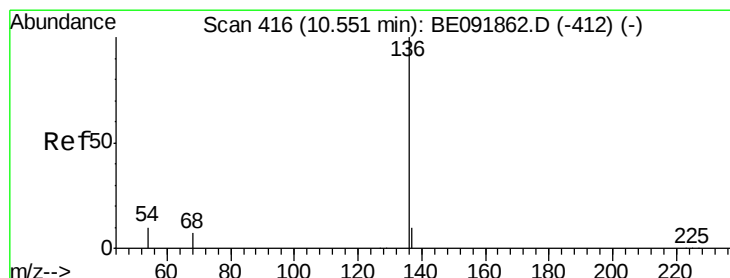
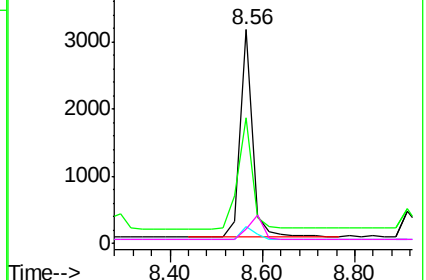
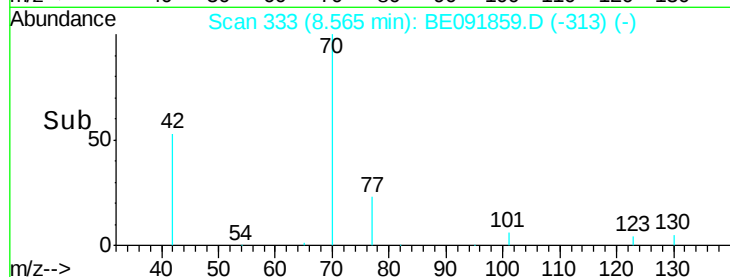


Abundance Ion 70.00 (69.70 to 70.70): BE091862.D (-330) (-)

Ion 42.00 (41.70 to 42.70): BE091862.D (-330) (-)

Ion 101.00 (100.70 to 101.70): BE091862.D (-330) (-)

Ion 130.00 (129.70 to 130.70): BE091862.D (-330) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Tgt Ion: 136 Resp: 104175

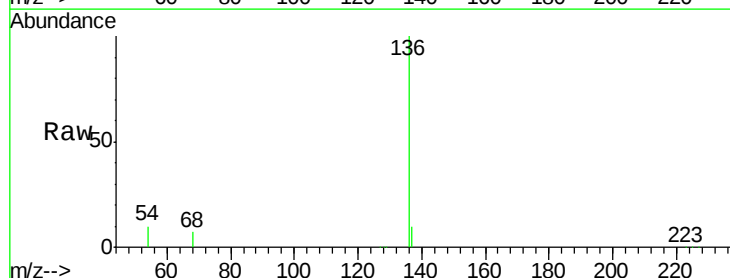
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 9.6 8.2 12.4

68 7.1 5.9 8.9

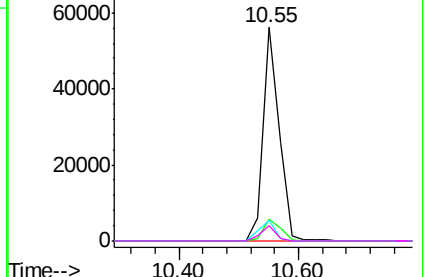
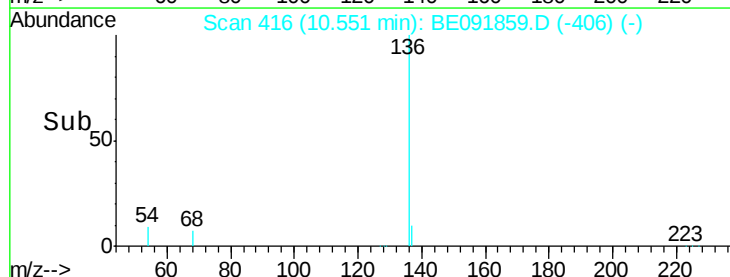


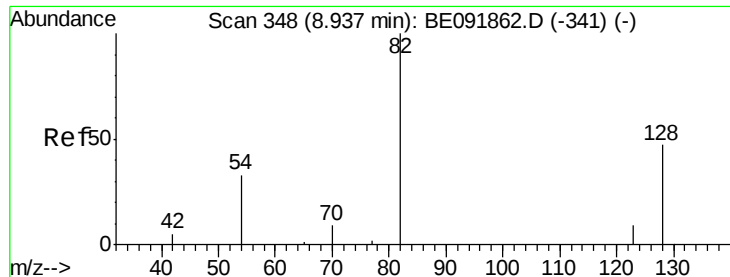
Abundance Ion 136.00 (135.70 to 136.70): BE091862.D (-412) (-)

Ion 137.00 (136.70 to 137.70): BE091862.D (-412) (-)

Ion 54.00 (53.70 to 54.70): BE091862.D (-412) (-)

Ion 68.00 (67.70 to 68.70): BE091862.D (-412) (-)





#9

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.94 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

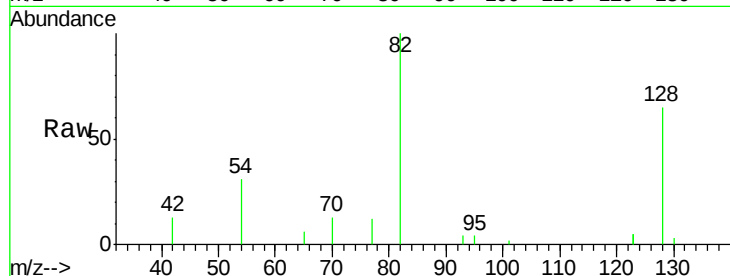
Tot Ion: 82 Resp: 7404

Ion Ratio Lower Upper

82 100

128 65.0 39.5 59.3#

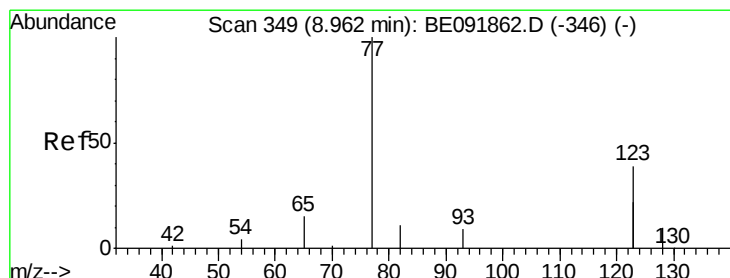
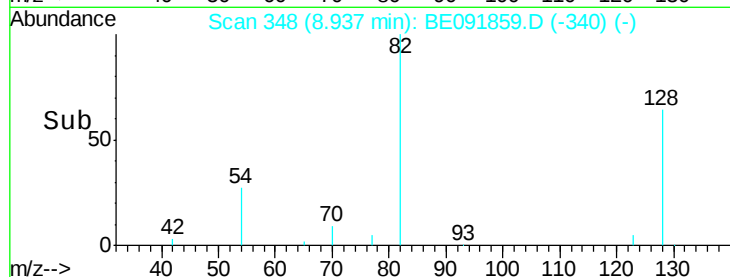
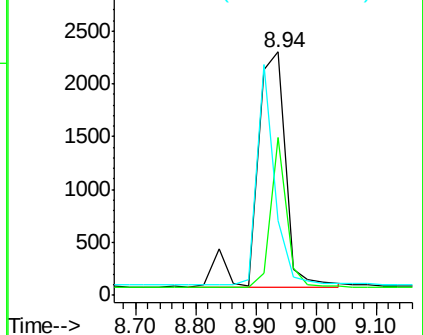
54 30.8 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.93 ng

RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

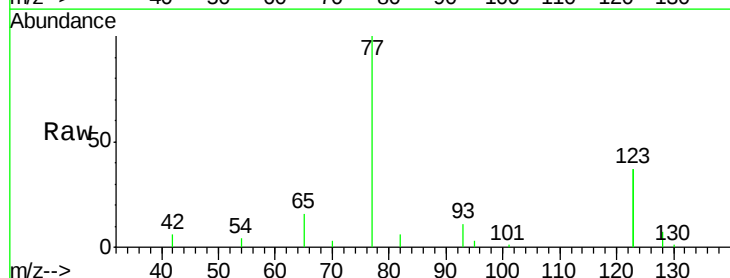
Tgt Ion: 77 Resp: 7320

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

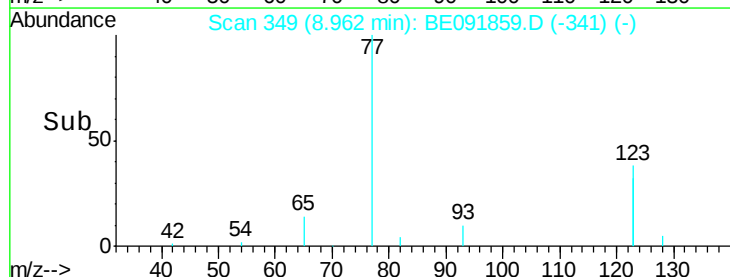
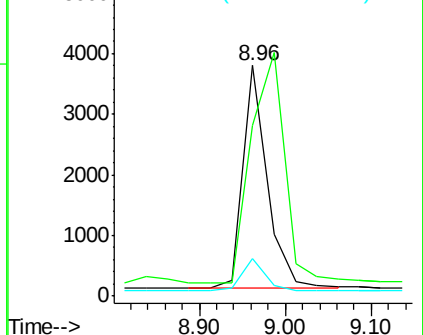
65 14.2 11.1 16.7

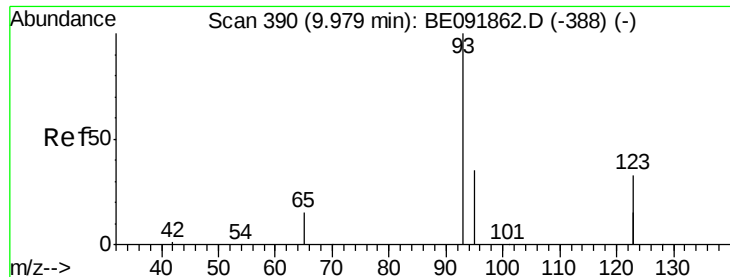


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

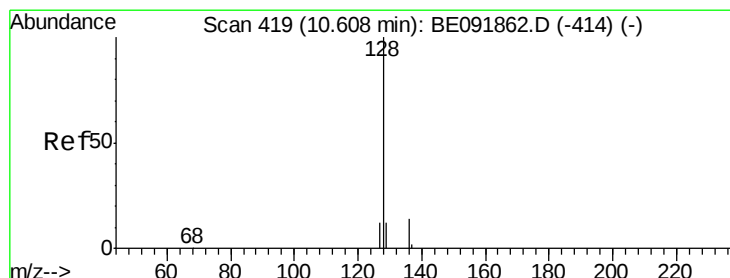
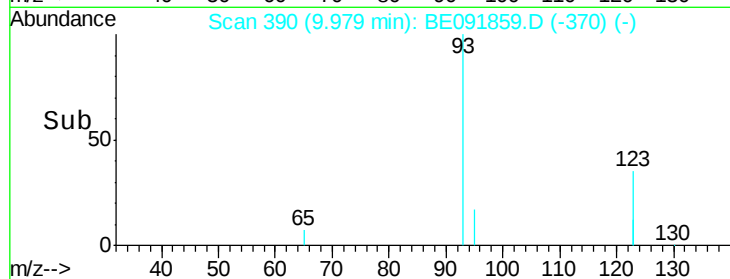
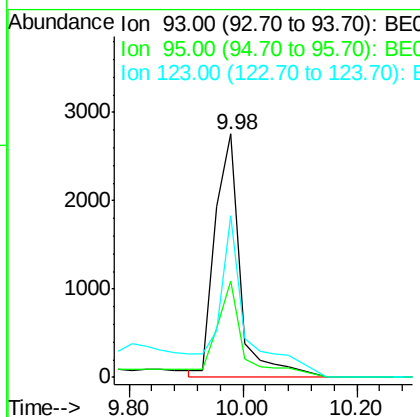
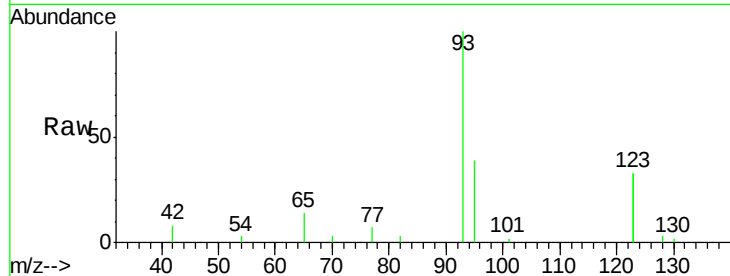




#11
 bis(2-Chloroethoxy)methane
 Concen: 1.07 ng
 RT: 9.98 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BE091859.D
 Acq: 25 May 2016 15:22

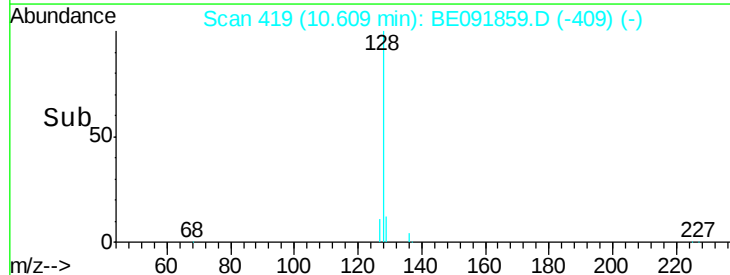
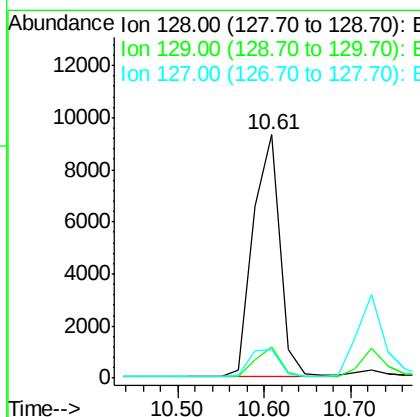
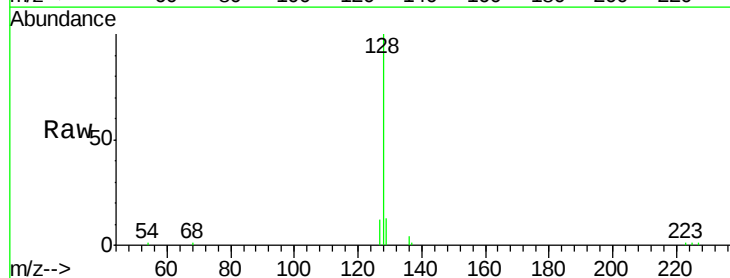
Instrument :
 BNA_E
 ClientSampleId :

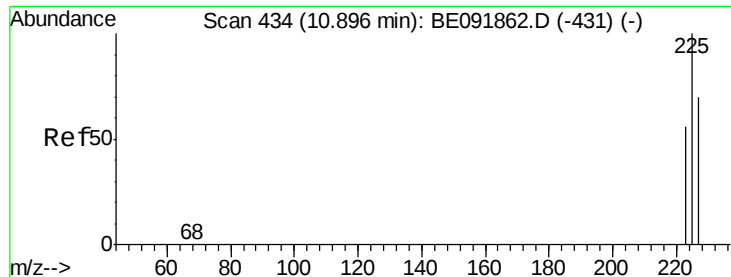
Tot Ion: 93 Resp: 9779
 Ion Ratio Lower Upper
 93 100
 95 40.5 57.6 86.4#
 123 65.9 100.2 150.4#



#12
 Naphthalene
 Concen: 0.95 ng
 RT: 10.61 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BE091859.D
 Acq: 25 May 2016 15:22

Tgt Ion: 128 Resp: 19949
 Ion Ratio Lower Upper
 128 100
 129 12.6 10.4 15.6
 127 11.9 10.2 15.2

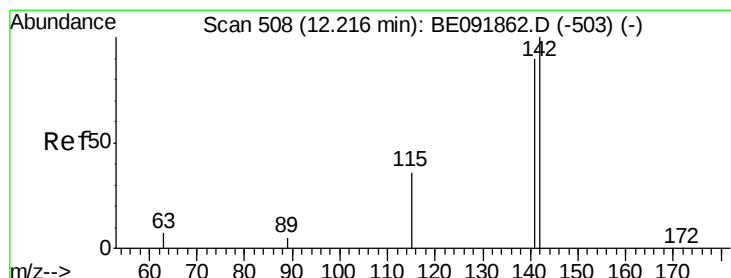
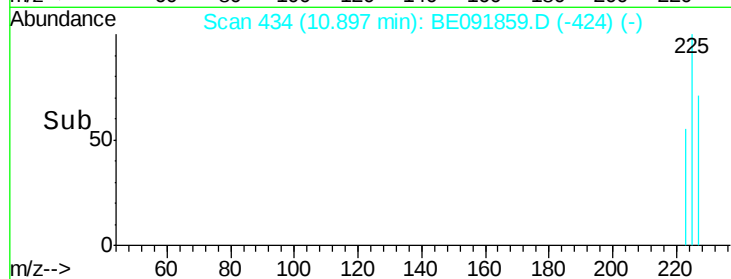
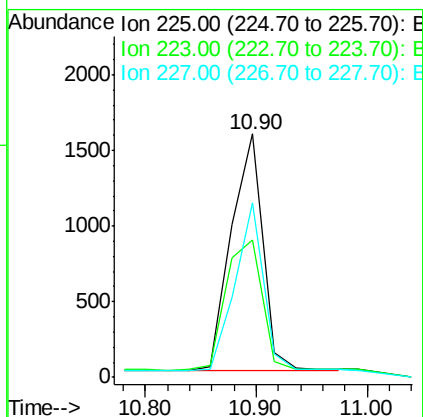
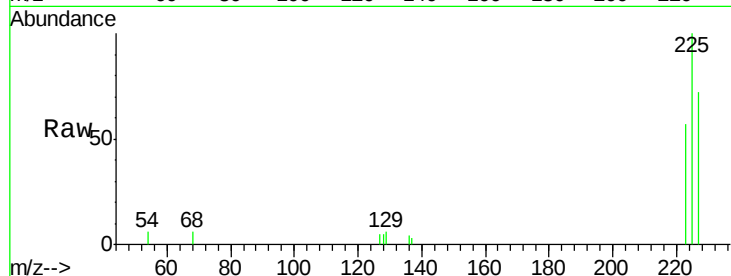




#13
Hexachlorobutadiene
Concen: 0.96 ng
RT: 10.90 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

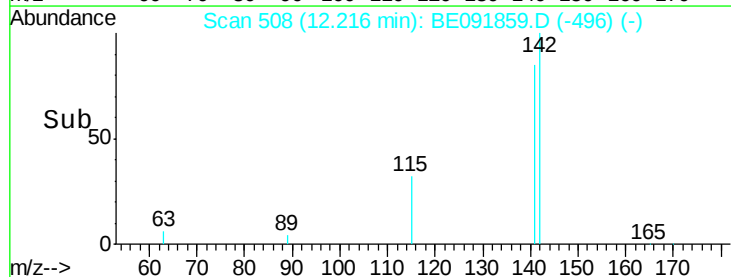
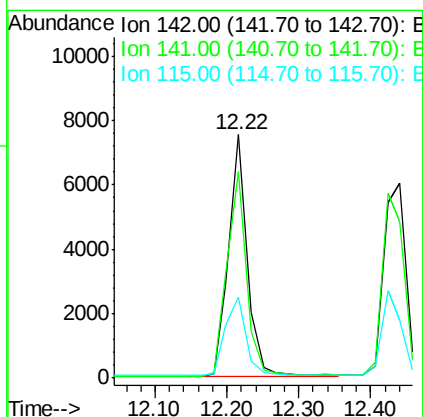
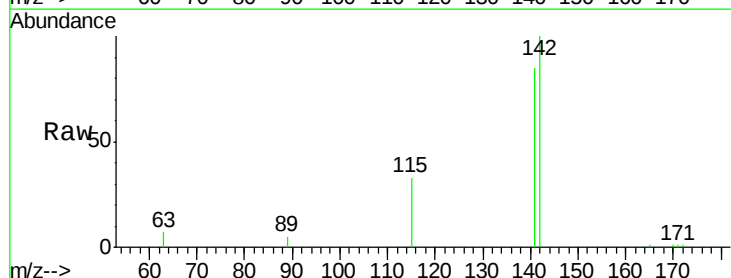
Instrument :
BNA_E
ClientSampleId :

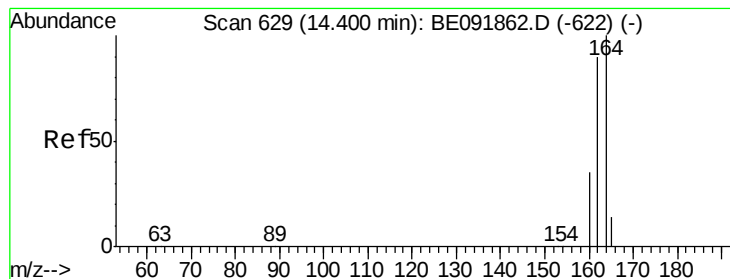
Tot Ion:225 Resp: 3100
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 64.3 50.6 75.8



#14
2-Methylnaphthalene
Concen: 0.95 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:142 Resp: 13445
Ion Ratio Lower Upper
142 100
141 84.6 71.9 107.9
115 33.1 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 629

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

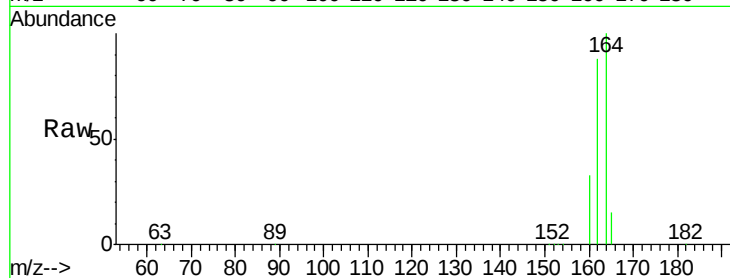
Tot Ion:164 Resp: 65144

Ion Ratio Lower Upper

164 100

162 88.3 71.8 107.8

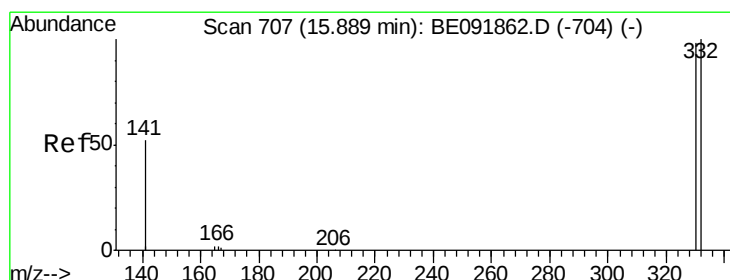
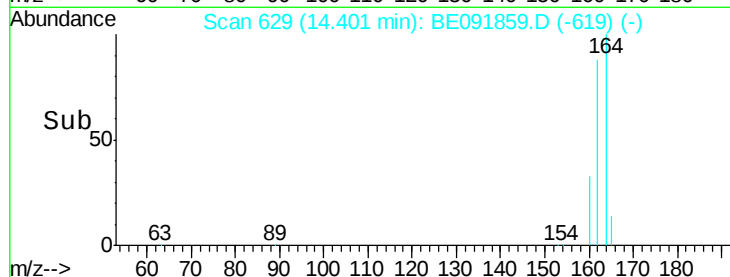
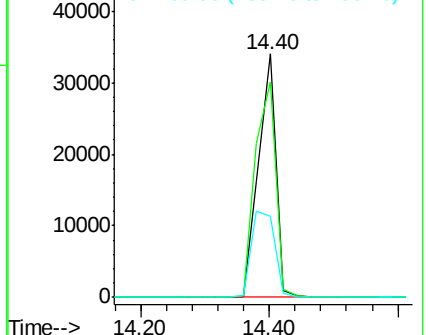
160 33.3 28.0 42.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.97 ng

RT: 15.89 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

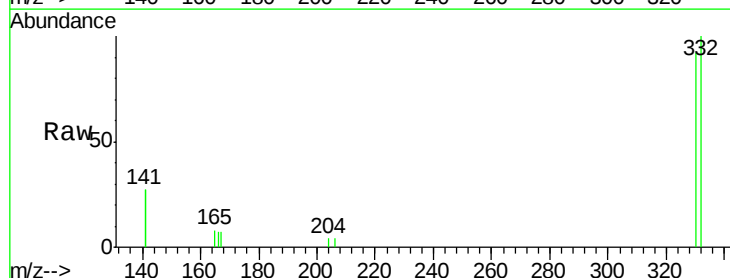
Tgt Ion:330 Resp: 2632

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

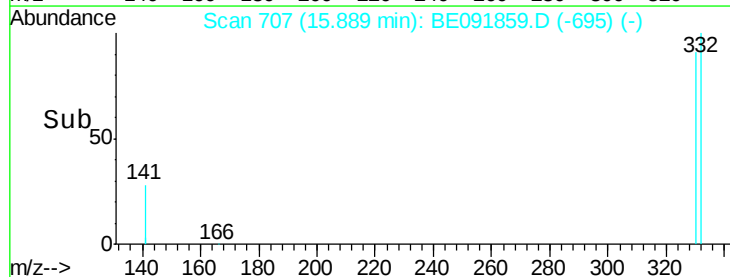
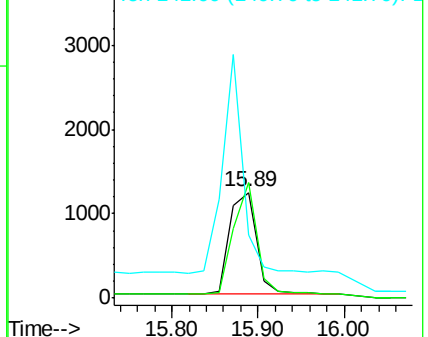
141 163.4 138.4 207.6

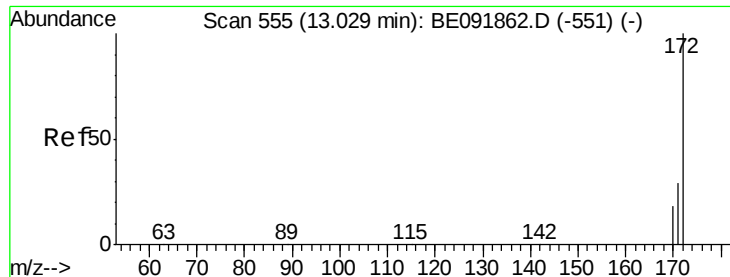


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

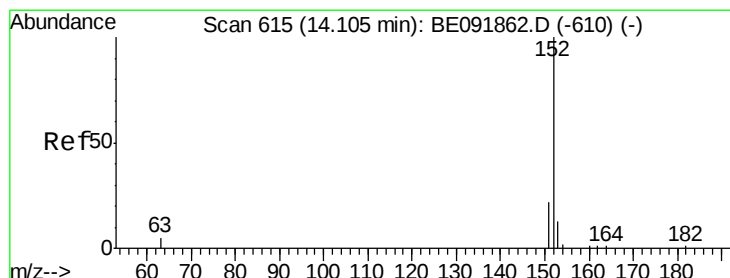
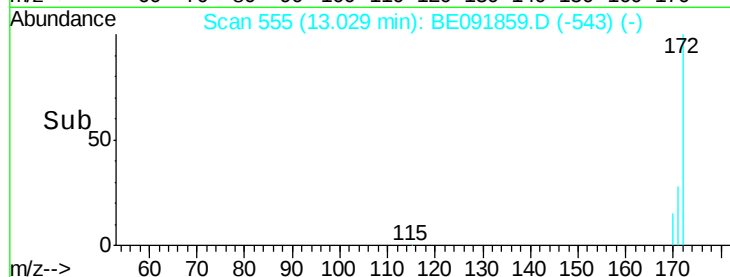
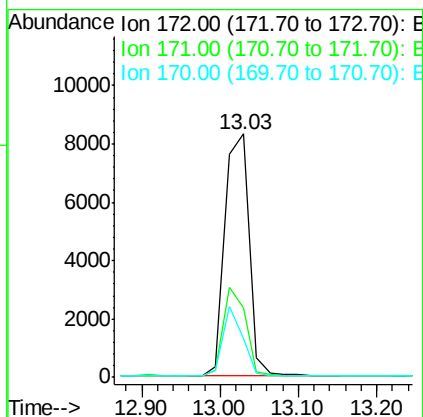
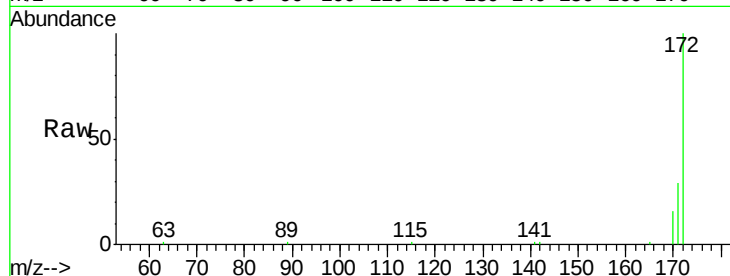




#17
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 13.03 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

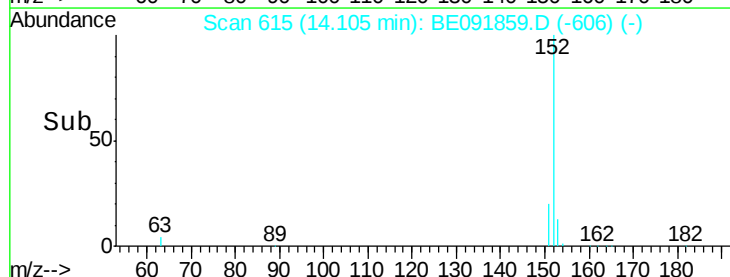
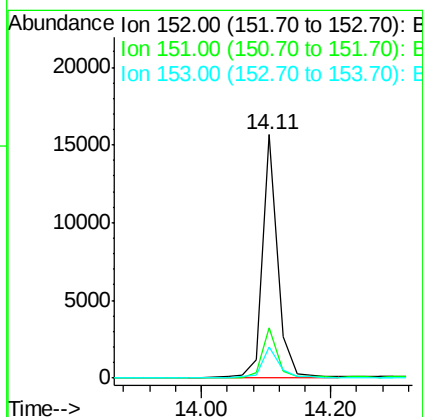
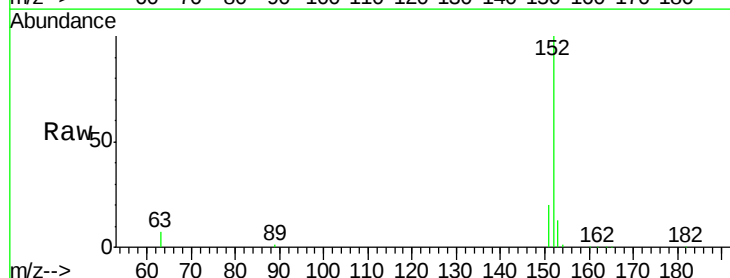
Instrument :
BNA_E
ClientSampleId :

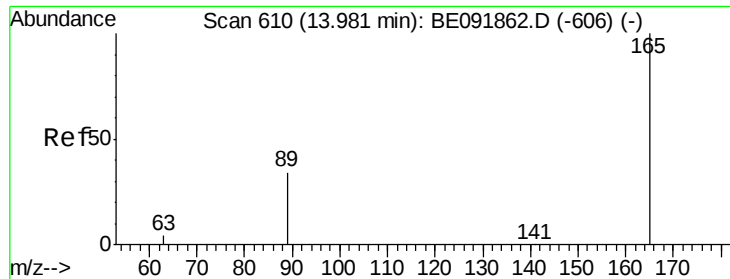
Tot Ion:172 Resp: 17730
Ion Ratio Lower Upper
172 100
171 28.7 24.3 36.5
170 16.0 14.9 22.3



#18
Acenaphthylene
Concen: 0.98 ng
RT: 14.11 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:152 Resp: 28242
Ion Ratio Lower Upper
152 100
151 21.6 19.4 29.2
153 15.0 14.4 21.6

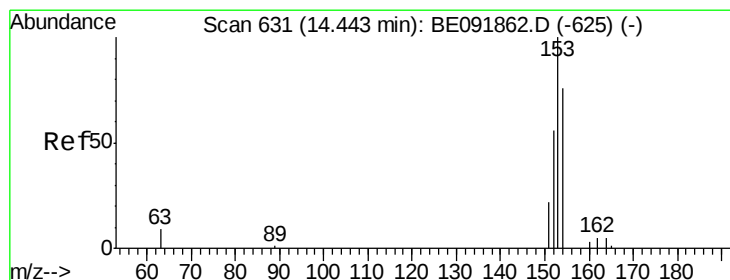
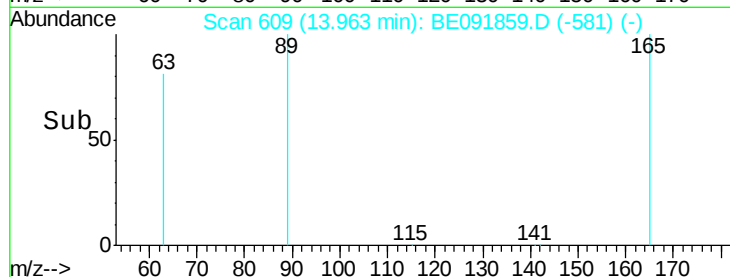
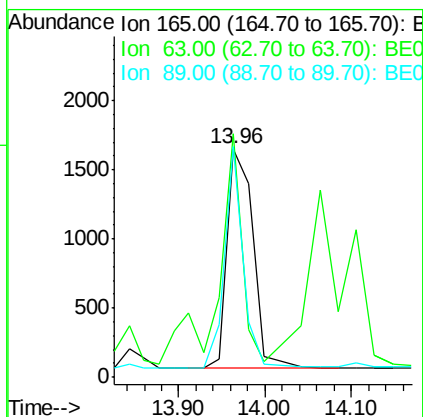
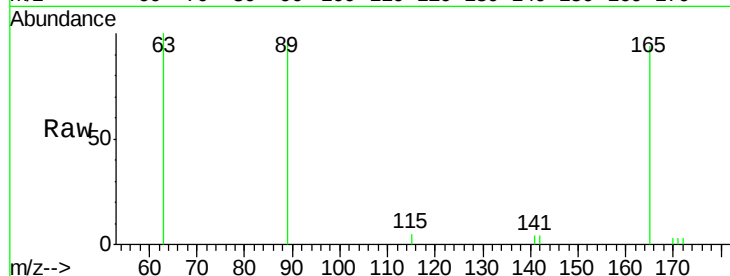




#19
2,6-Dinitrotoluene
Concen: 0.91 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

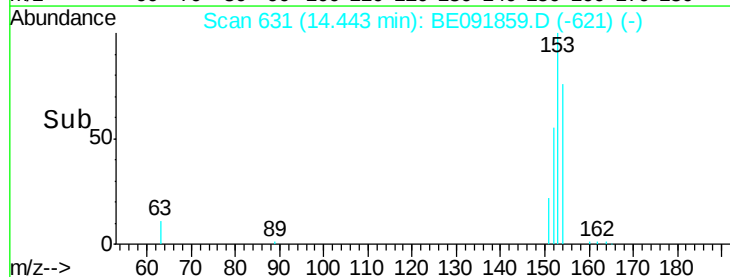
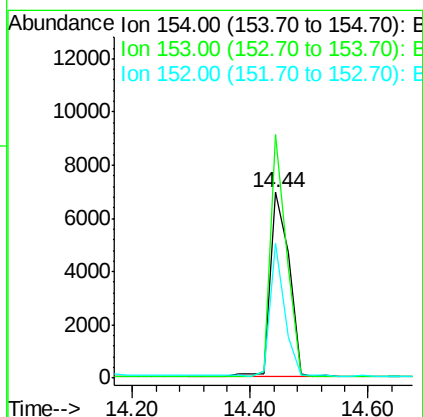
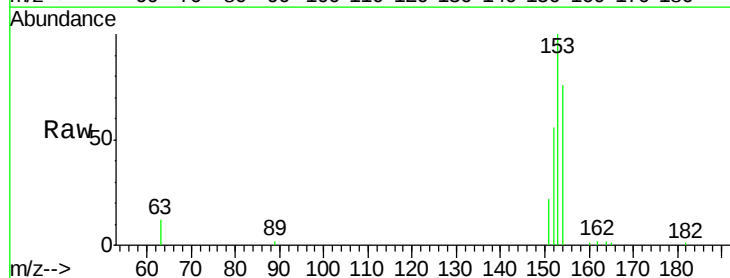
Instrument :
BNA_E
ClientSampleId :

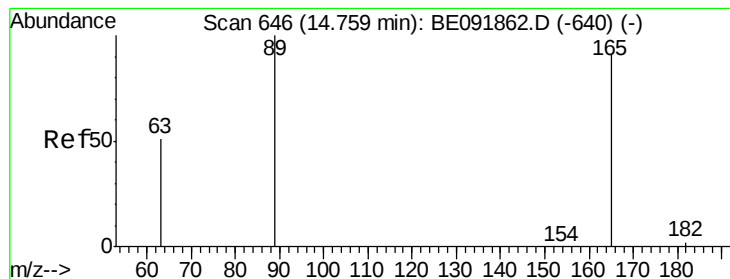
Tot Ion:165 Resp: 4022
Ion Ratio Lower Upper
165 100
63 81.0 65.9 98.9
89 70.5 59.1 88.7



#20
Acenaphthene
Concen: 0.97 ng
RT: 14.44 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:154 Resp: 15377
Ion Ratio Lower Upper
154 100
153 111.1 88.1 132.1
152 55.1 44.2 66.2





#21

2,4-Dinitrotoluene

Concen: 0.85 ng

RT: 14.76 min Scan# 646

Delta R.T. 0.00 min

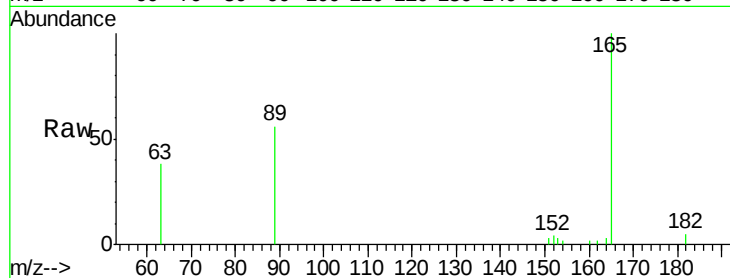
Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :



Tot Ion:165 Resp: 4367

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 0.0 99.8 149.8#

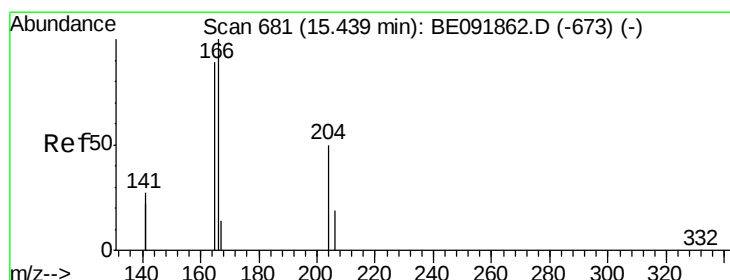
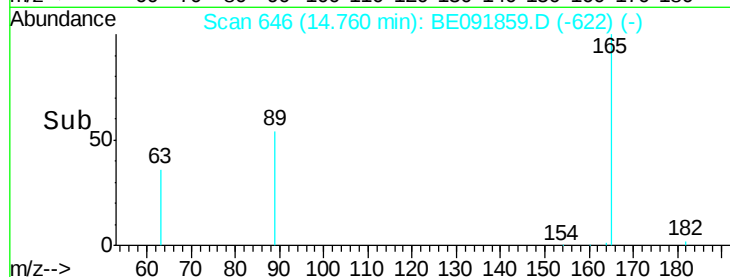
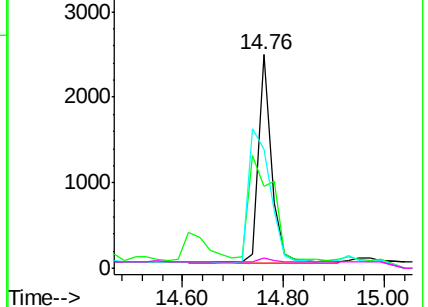
182 2.9 0.0 0.0#

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: 0.98 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Tgt Ion:166 Resp: 20637

Ion Ratio Lower Upper

166 100

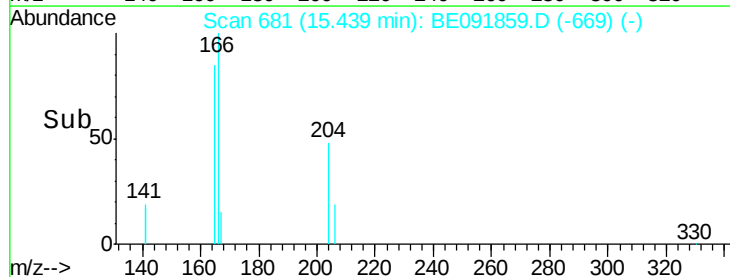
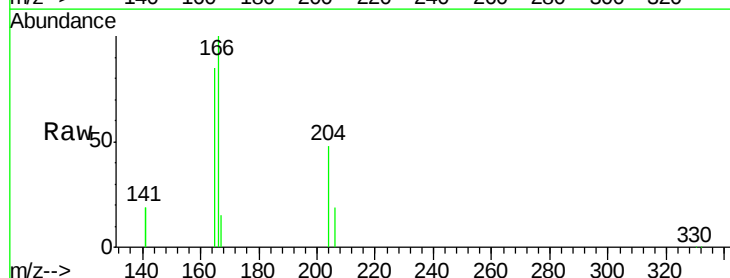
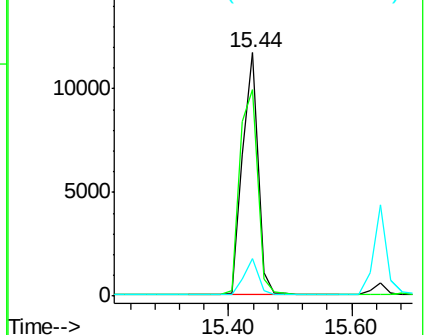
165 98.1 78.6 117.8

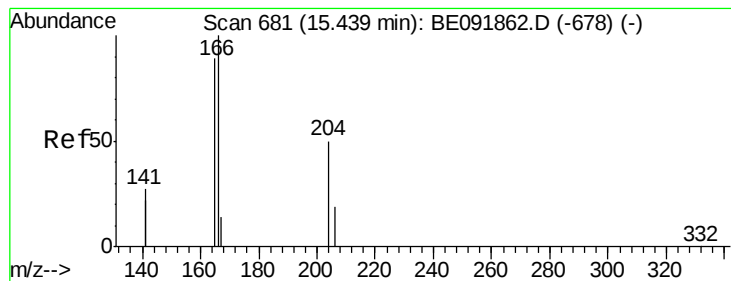
167 13.8 10.8 16.2

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: 1.01 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

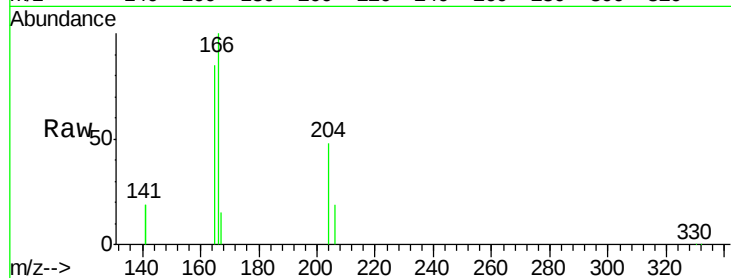
Tot Ion:204 Resp: 10316

Ion Ratio Lower Upper

204 100

206 35.1 27.8 41.6

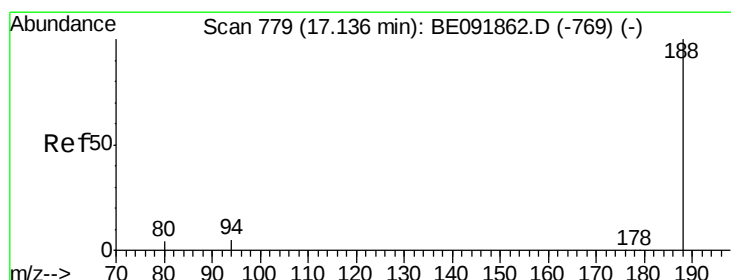
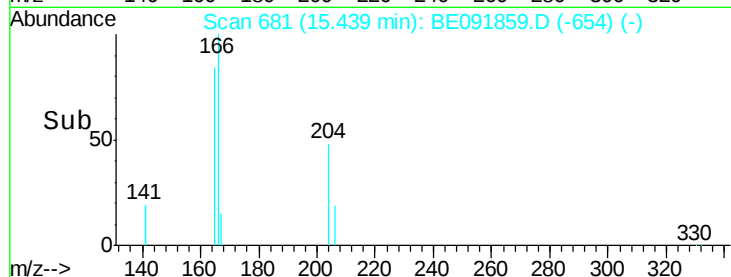
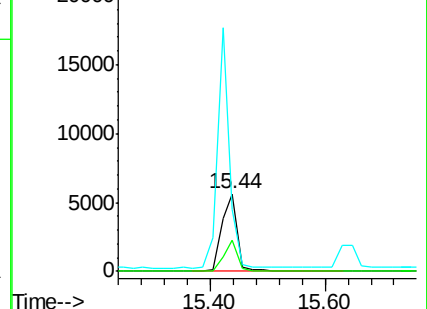
141 245.3 197.6 296.4



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: 17.14 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

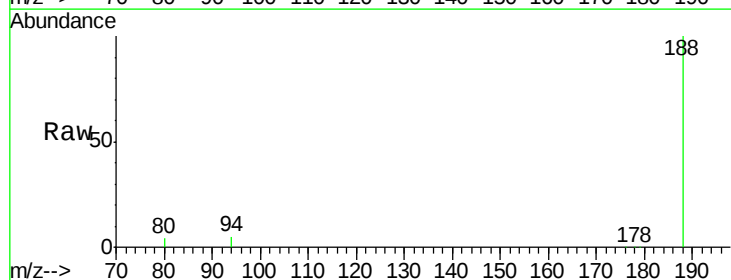
Tgt Ion:188 Resp: 205962

Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

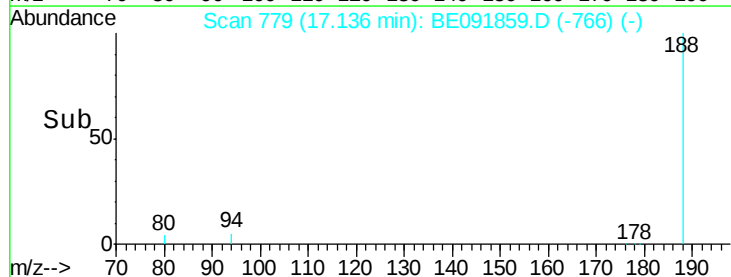
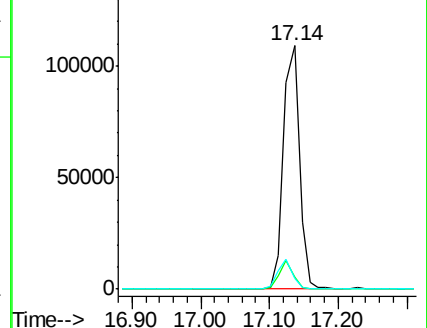
80 4.3 3.4 5.2

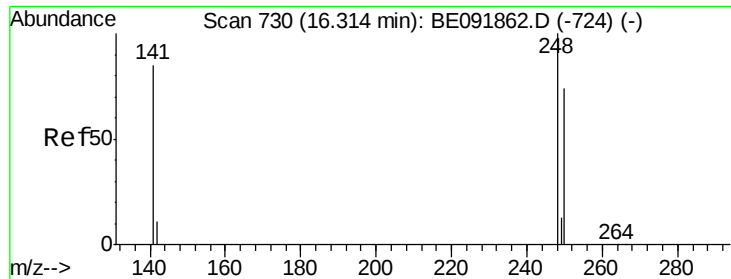


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

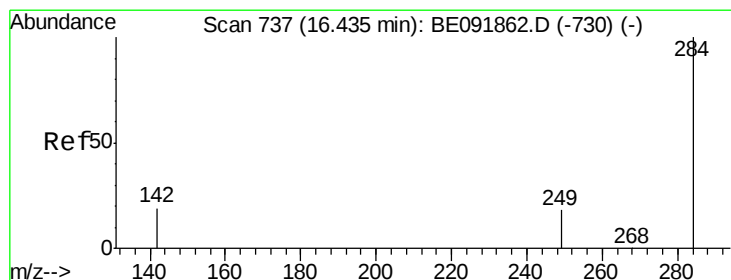
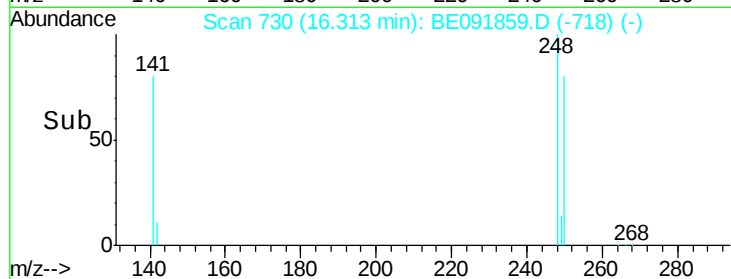
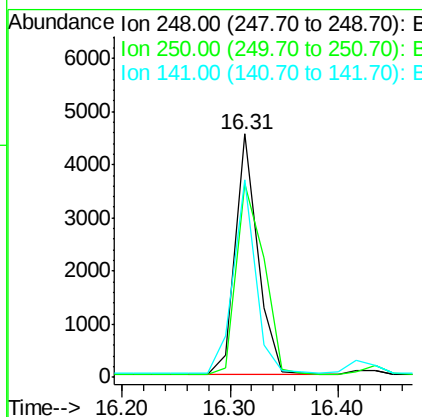
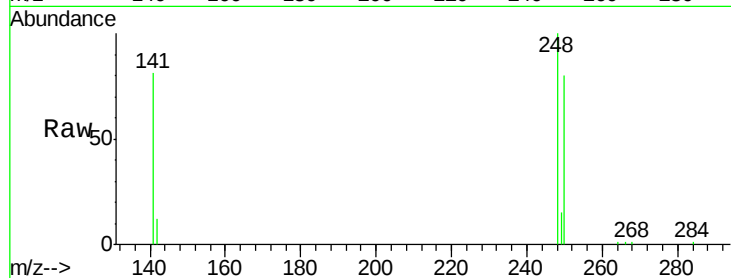




#25
4-Bromophenyl-phenylether
Concen: 0.97 ng
RT: 16.31 min Scan# 730
Delta R.T. -0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

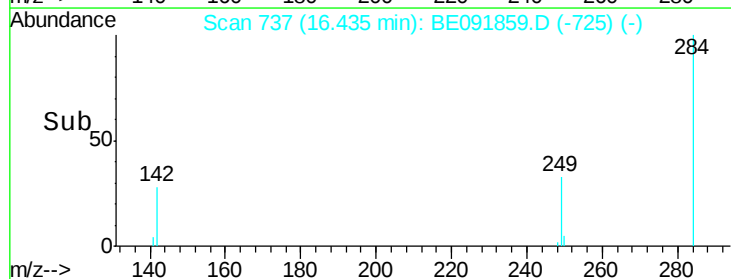
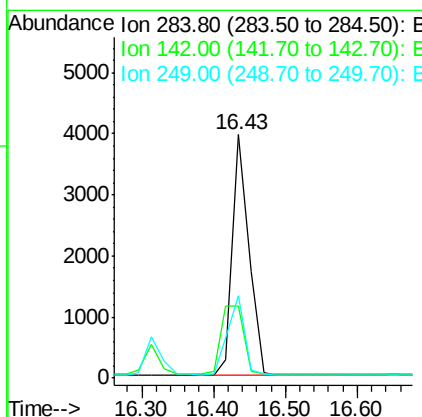
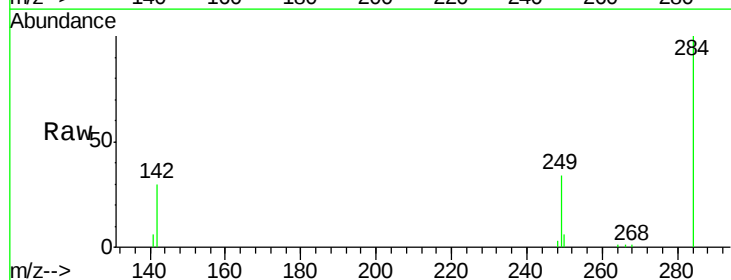
Instrument :
BNA_E
ClientSampleId :

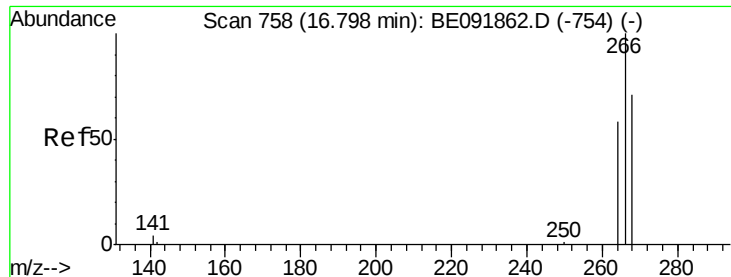
Tot Ion:248 Resp: 6532
Ion Ratio Lower Upper
248 100
250 96.6 75.7 113.5
141 79.1 64.6 97.0



#26
Hexachlorobenzene
Concen: 0.96 ng
RT: 16.43 min Scan# 737
Delta R.T. -0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:284 Resp: 6179
Ion Ratio Lower Upper
284 100
142 38.9 31.4 47.2
249 33.4 25.3 37.9





#27

Pentachlorophenol

Concen: 0.82 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

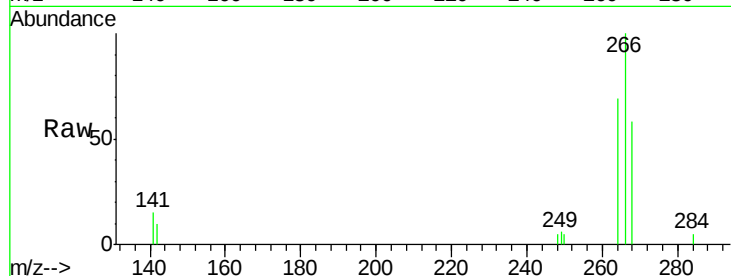
Tot Ion:266 Resp: 2357

Ion Ratio Lower Upper

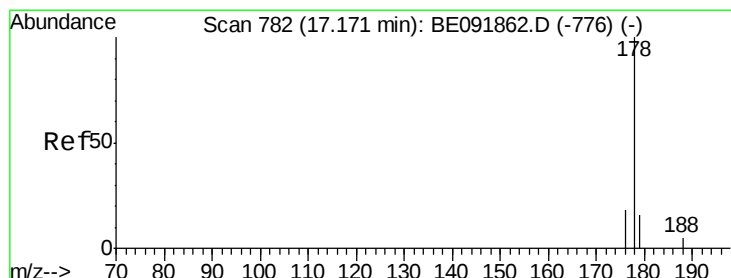
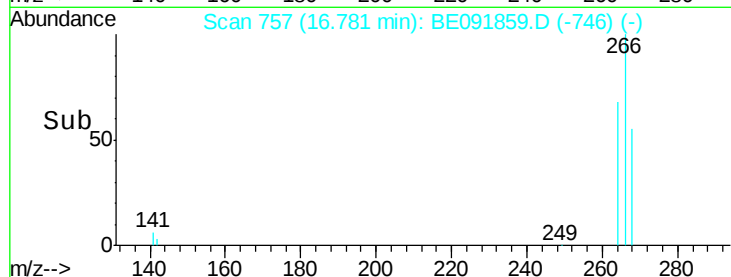
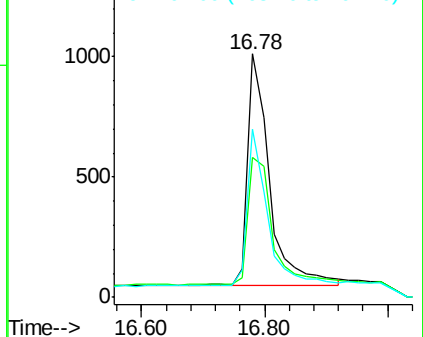
266 100

268 57.5 60.5 90.7#

264 69.2 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: 0.99 ng

RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

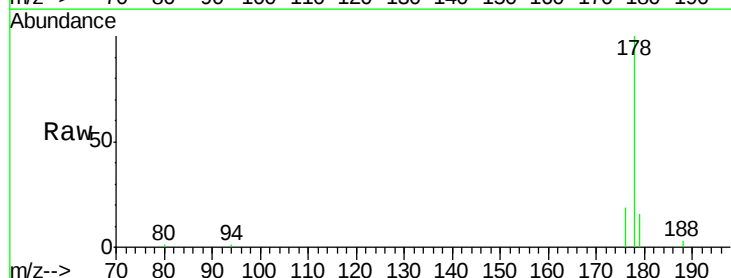
Tgt Ion:178 Resp: 38768

Ion Ratio Lower Upper

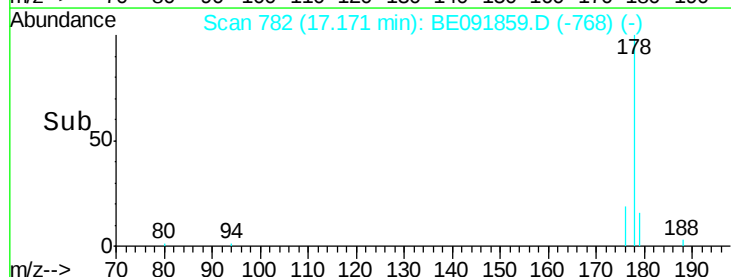
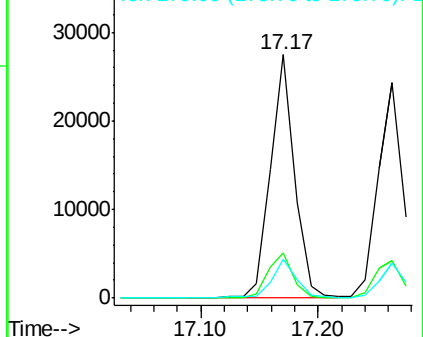
178 100

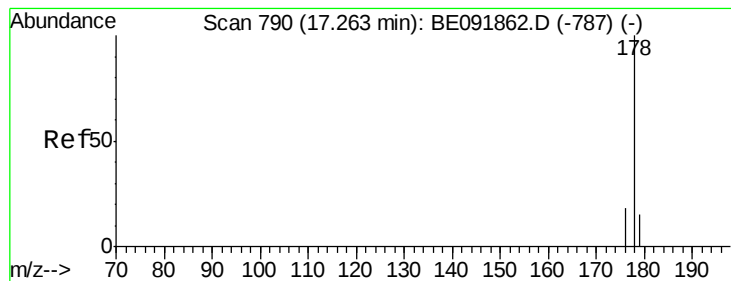
176 19.3 15.4 23.2

179 15.6 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: 0.98 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

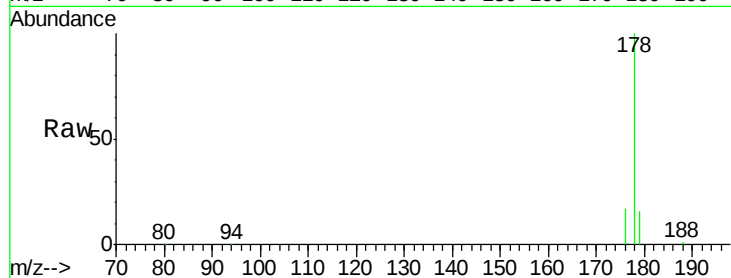
Tot Ion:178 Resp: 36609

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

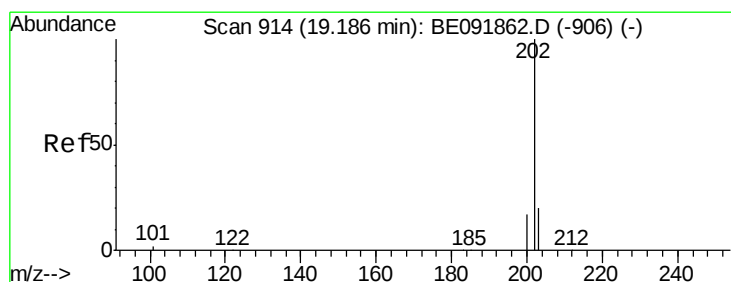
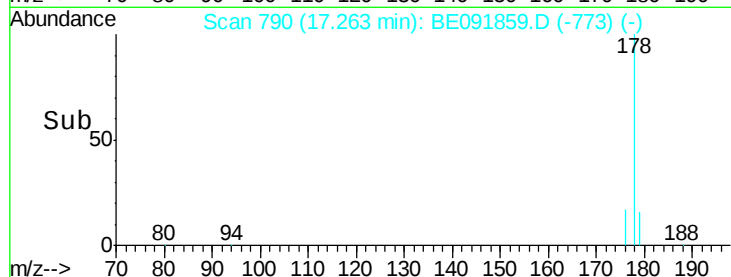
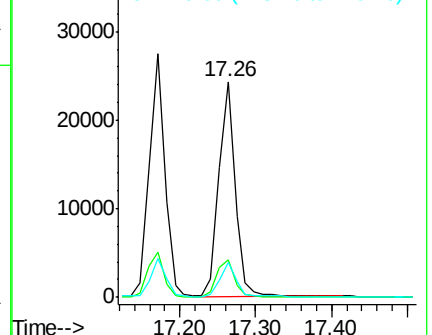
179 15.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 1.01 ng

RT: 19.19 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

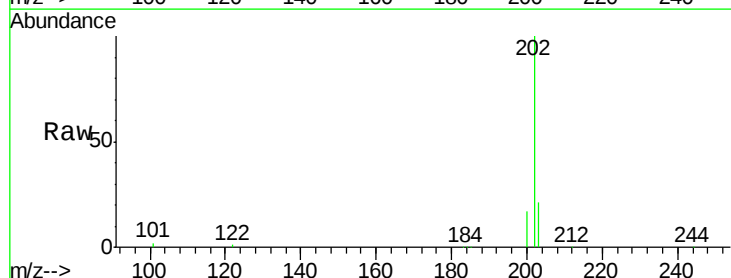
Tgt Ion:202 Resp: 45669

Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.0

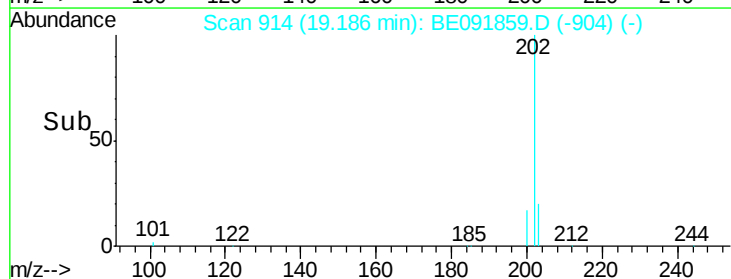
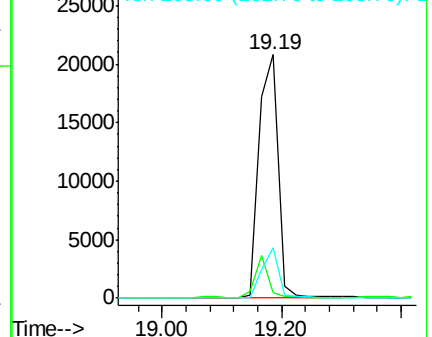
203 17.7 14.3 21.5

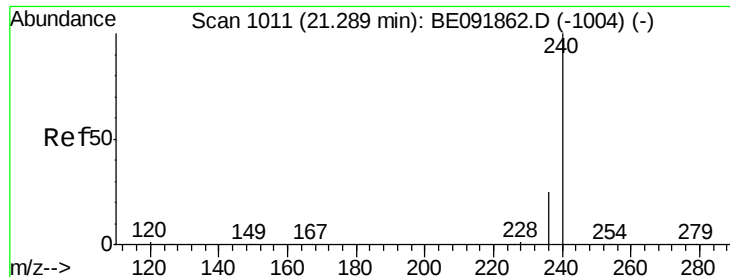


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

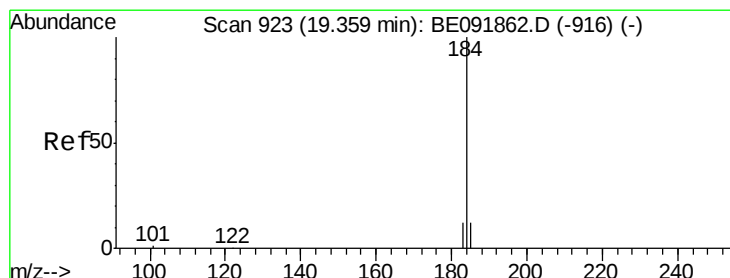
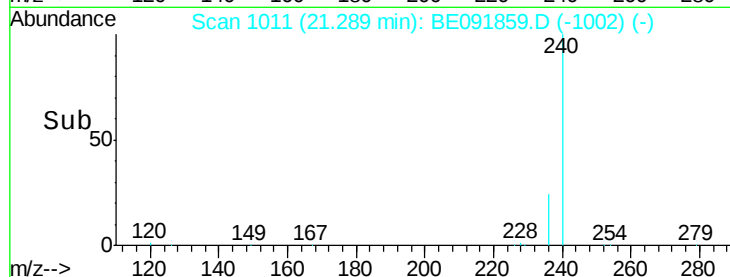
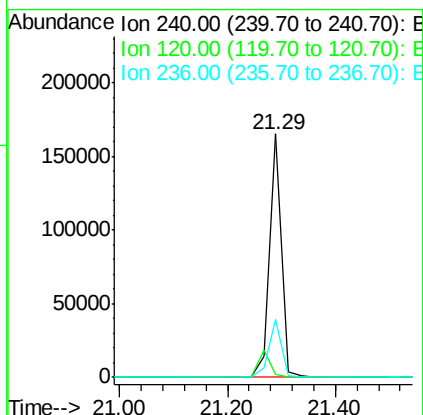
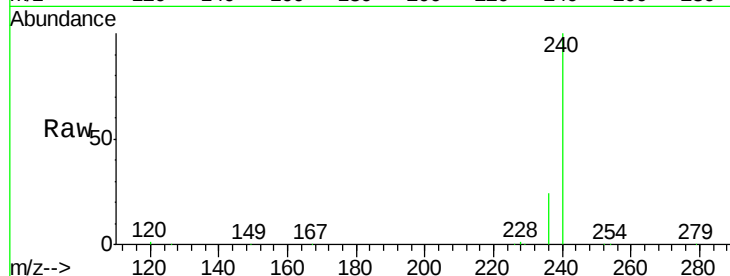




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

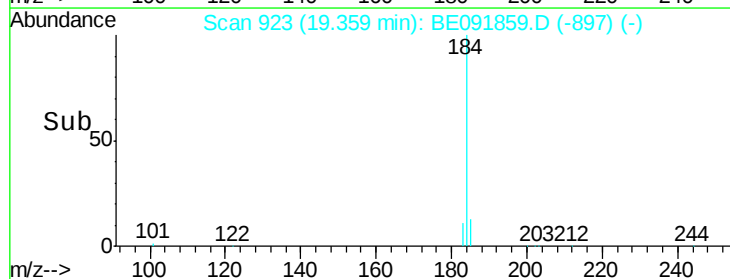
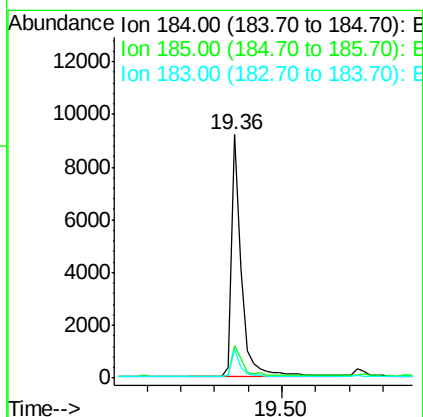
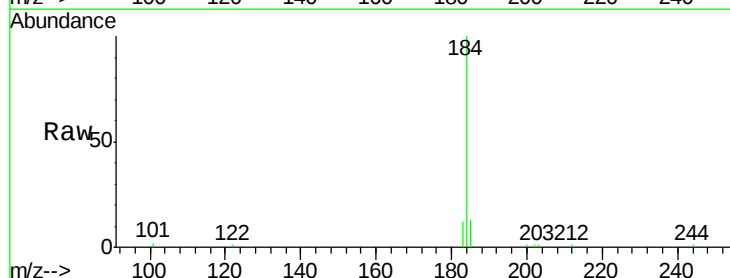
Instrument :
BNA_E
ClientSampleId :

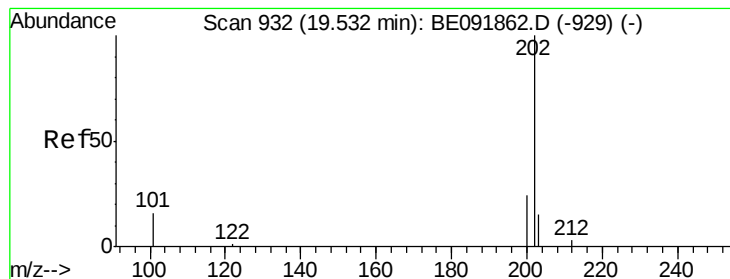
Tot Ion:240 Resp: 256128
Ion Ratio Lower Upper
240 100
120 1.3 1.2 1.8
236 23.9 19.8 29.8



#32
Benzidine
Concen: 0.95 ng
RT: 19.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:184 Resp: 19112
Ion Ratio Lower Upper
184 100
185 13.2 11.4 17.2
183 12.0 11.8 17.6





#33

Pvrene

Concen: 1.01 ng

RT: 19.53 min Scan# 932

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

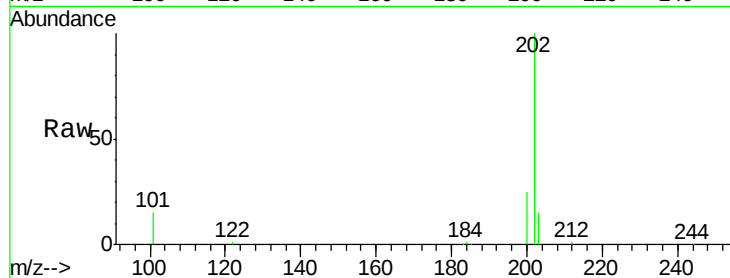
Tot Ion:202 Resp: 49371

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

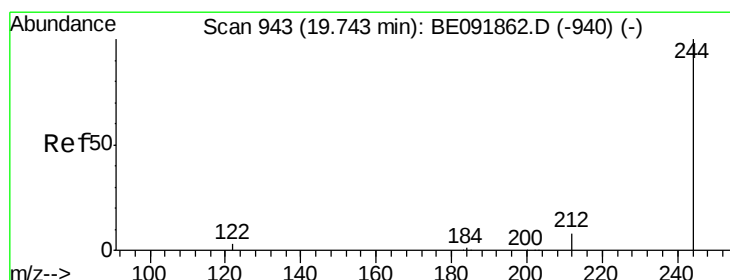
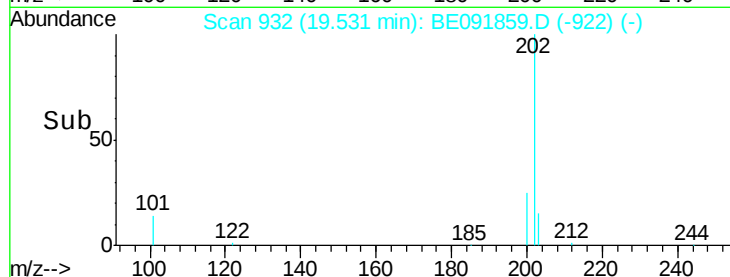
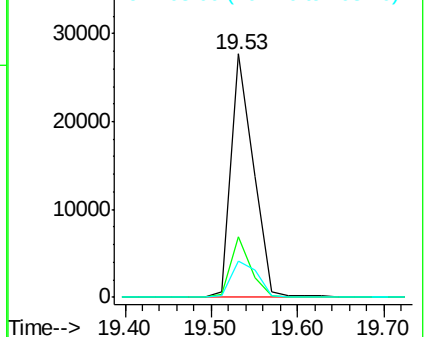
203 17.2 14.1 21.1



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: 1.01 ng

RT: 19.74 min Scan# 943

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

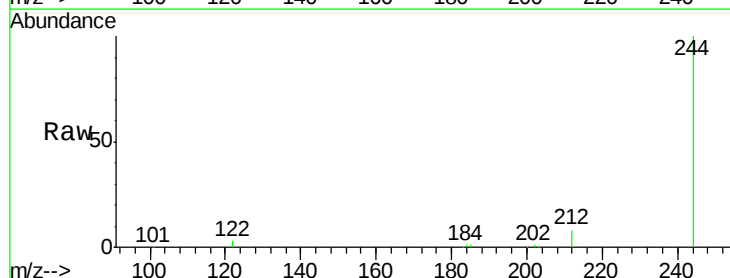
Tgt Ion:244 Resp: 35441

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

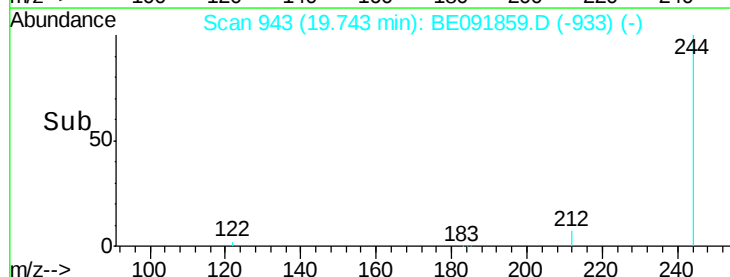
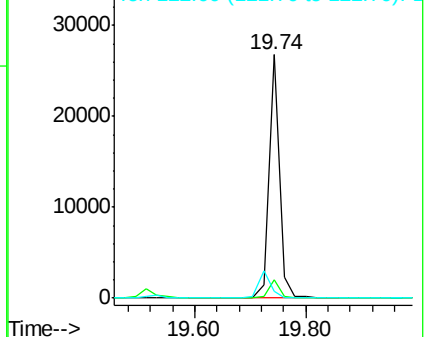
122 2.6 2.9 4.3#

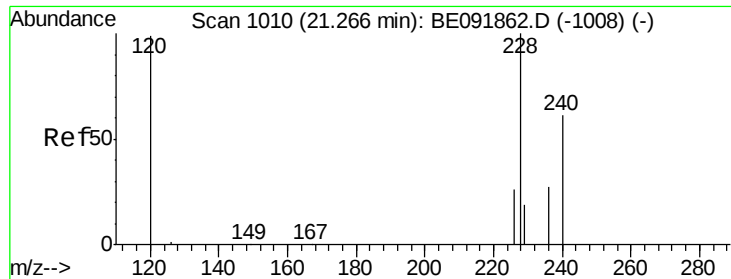


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

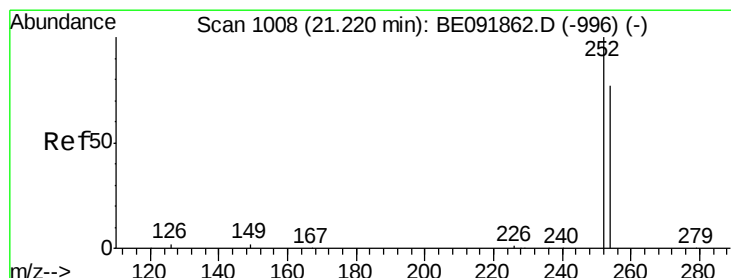
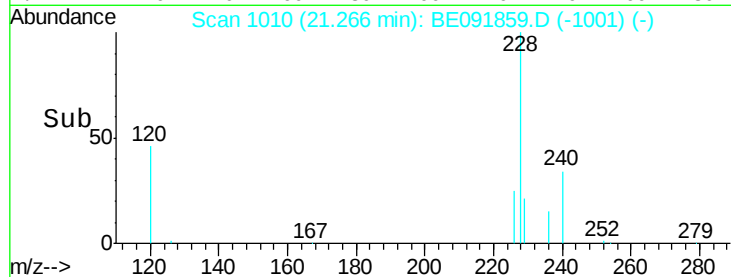
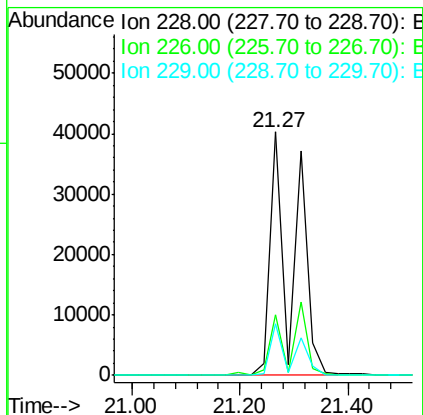
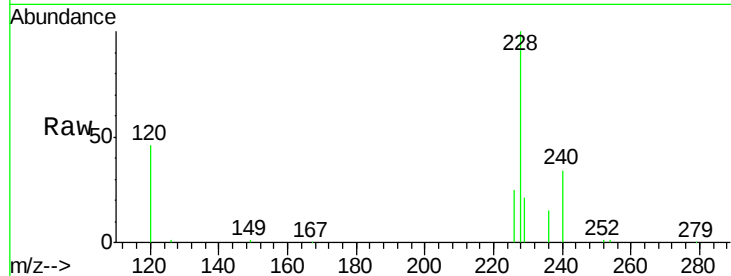




#35
Benzo(a)anthracene
Concen: 1.44 ng
RT: 21.27 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

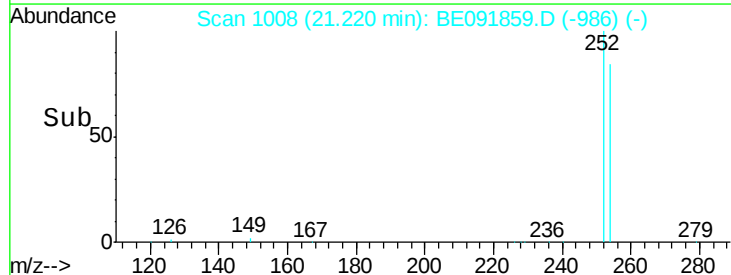
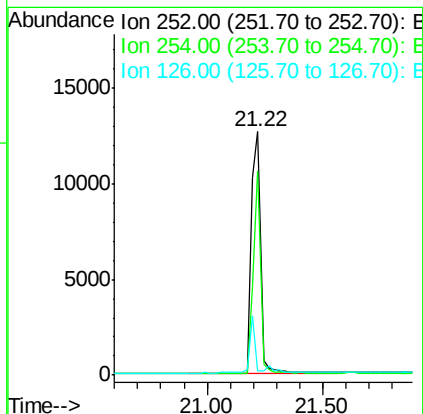
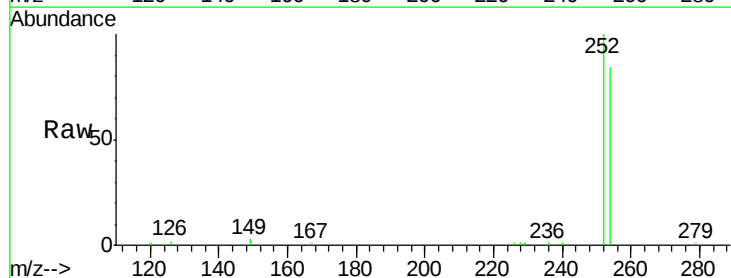
Instrument :
BNA_E
ClientSampleId :

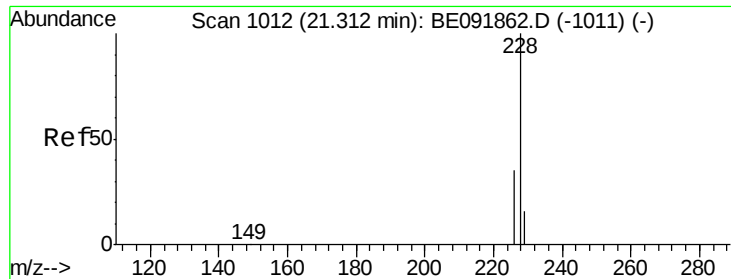
Tot Ion:228 Resp: 120240
Ion Ratio Lower Upper
228 100
226 25.0 21.0 31.4
229 21.0 15.8 23.8



#36
3,3'-Dichlorobenzidine
Concen: 1.03 ng
RT: 21.22 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:252 Resp: 34480
Ion Ratio Lower Upper
252 100
254 84.0 61.5 92.3
126 1.9 2.5 3.7#

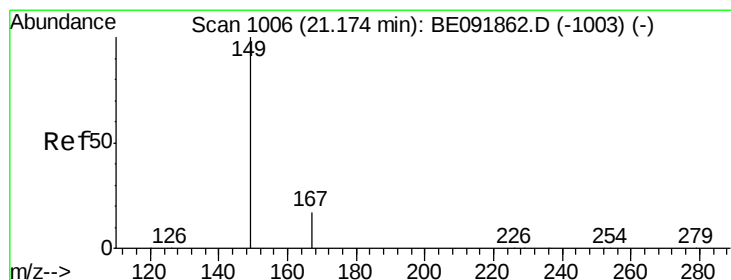
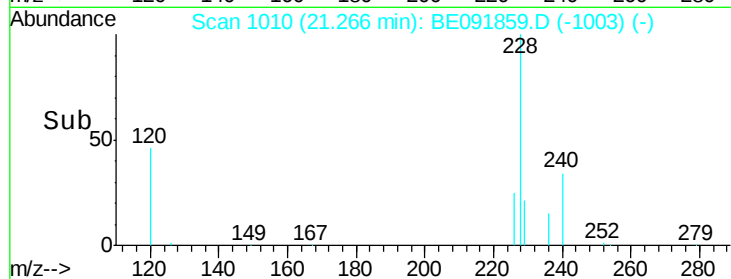
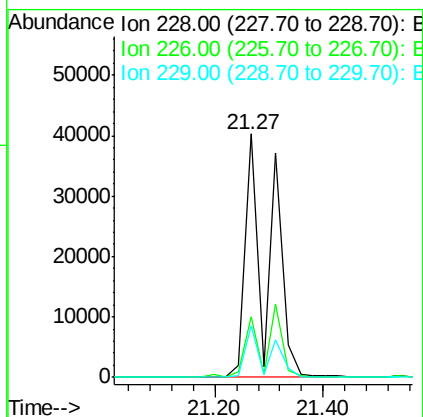
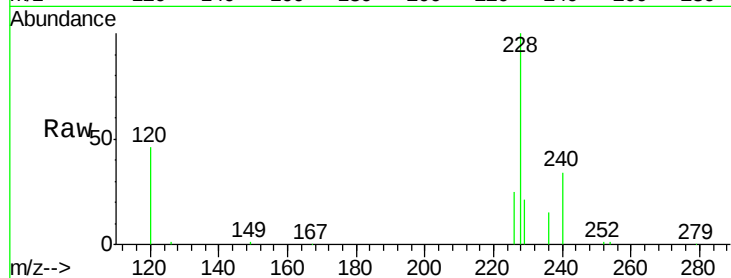




#37
Chrysene
Concen: 1.47 ng
RT: 21.27 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

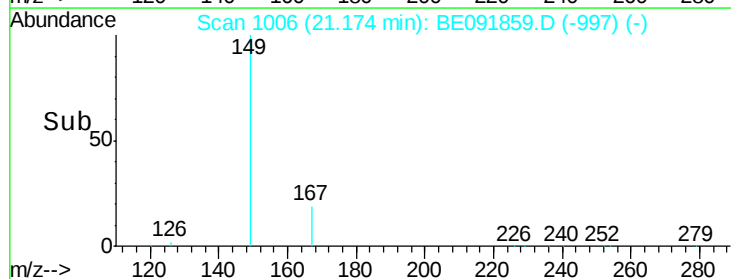
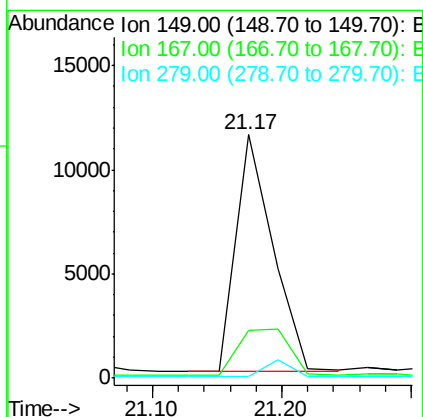
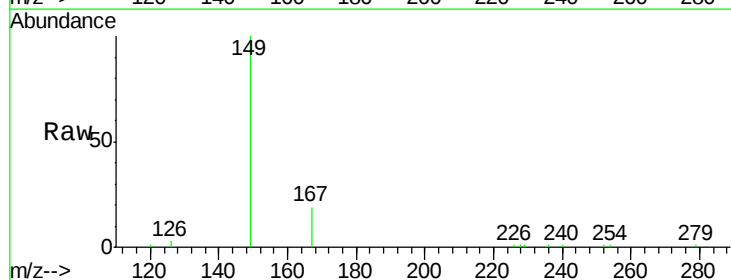
Instrument :
BNA_E
ClientSampleId :

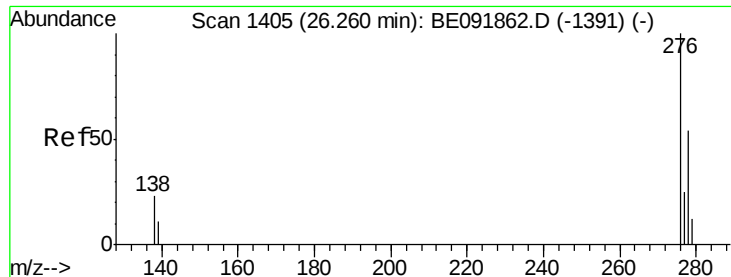
Tot Ion:228 Resp: 120606
Ion Ratio Lower Upper
228 100
226 25.0 27.0 40.6#
229 21.0 13.8 20.8#



#38
Bis(2-ethylhexyl)phthalate
Concen: 1.04 ng
RT: 21.17 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BE091859.D
Acq: 25 May 2016 15:22

Tgt Ion:149 Resp: 22781
Ion Ratio Lower Upper
149 100
167 0.0 0.0 0.0
279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng

RT: 26.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

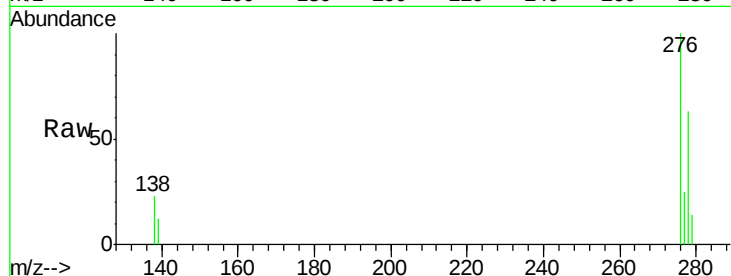
Tot Ion:276 Resp: 59112

Ion Ratio Lower Upper

276 100

138 24.5 19.7 29.5

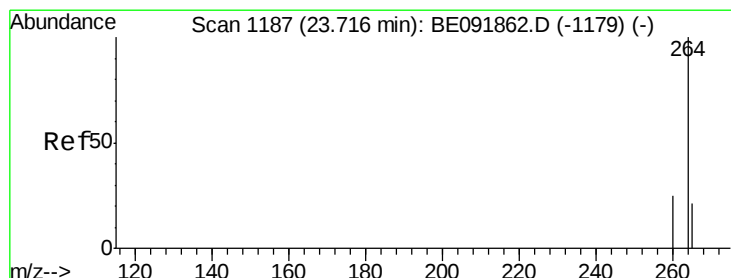
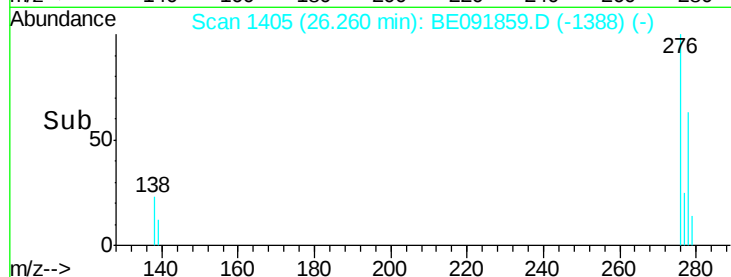
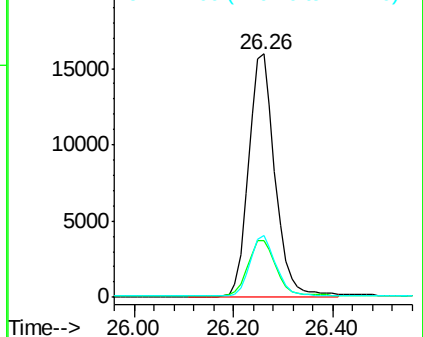
277 24.7 20.1 30.1



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: 23.72 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

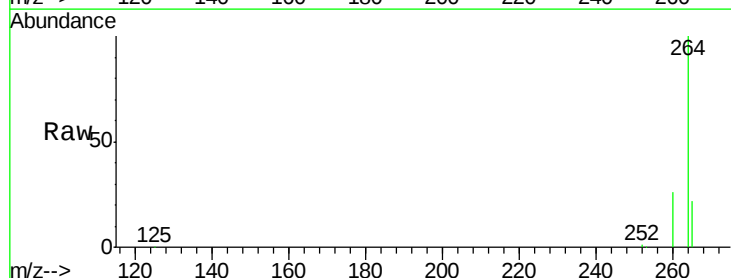
Tgt Ion:264 Resp: 231694

Ion Ratio Lower Upper

264 100

260 25.5 20.3 30.5

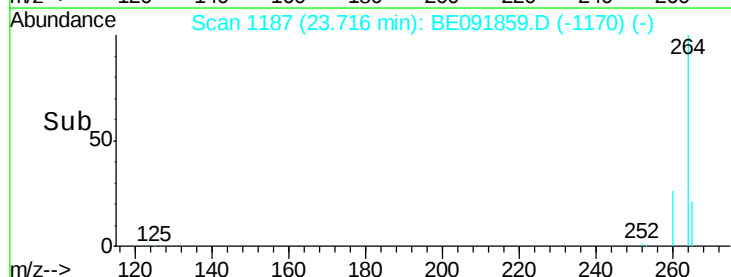
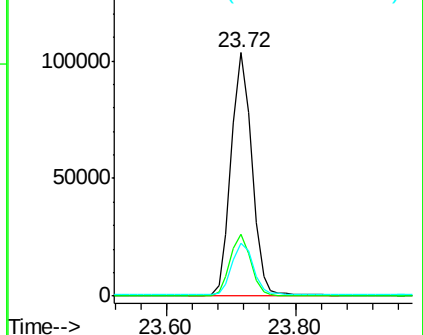
265 21.7 17.6 26.4

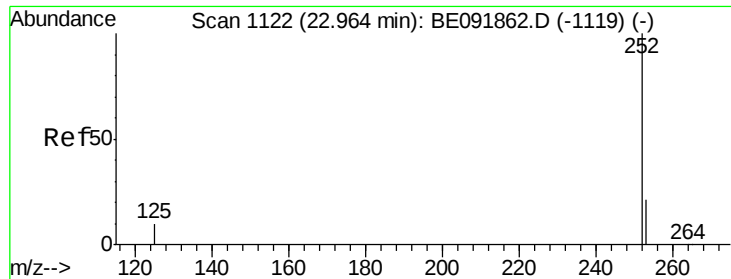


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.95 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

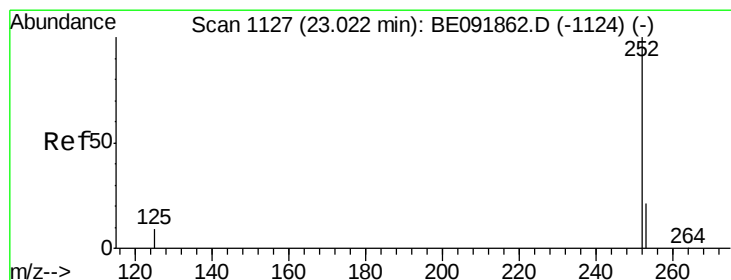
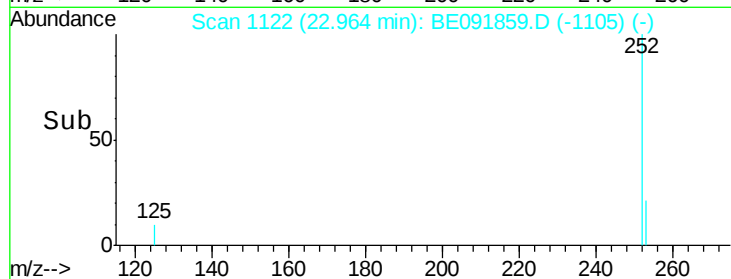
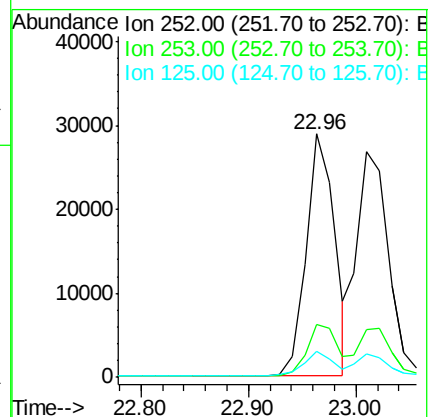
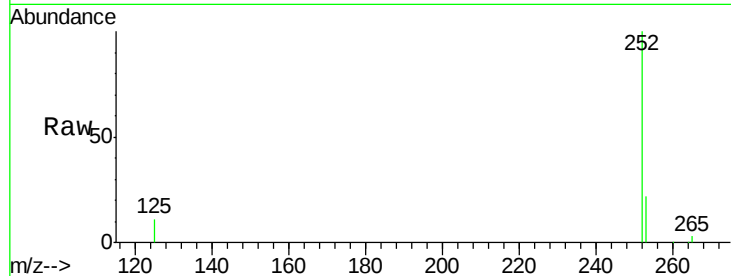
Tot Ion:252 Resp: 53192

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.6 9.4 14.2



#42

Benzo(k)fluoranthene

Concen: 1.01 ng

RT: 23.01 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

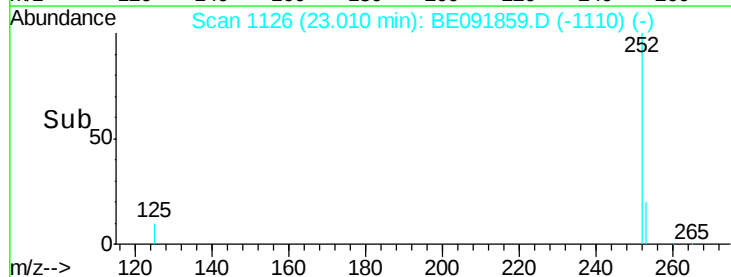
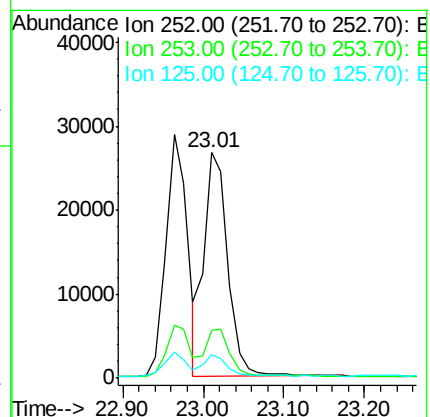
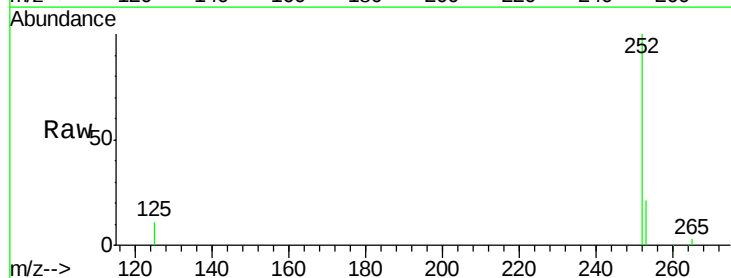
Tgt Ion:252 Resp: 54832

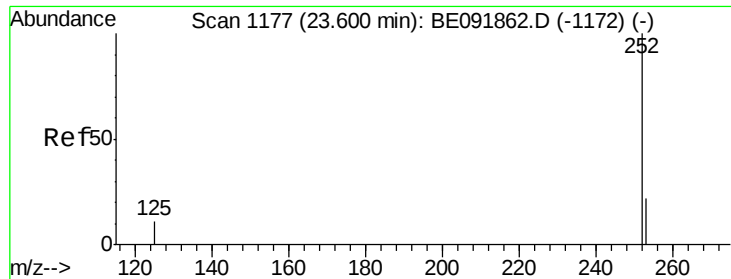
Ion Ratio Lower Upper

252 100

253 21.2 19.4 29.2

125 10.6 8.3 12.5





#43

Benzo(a)pyrene

Concen: 0.97 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :

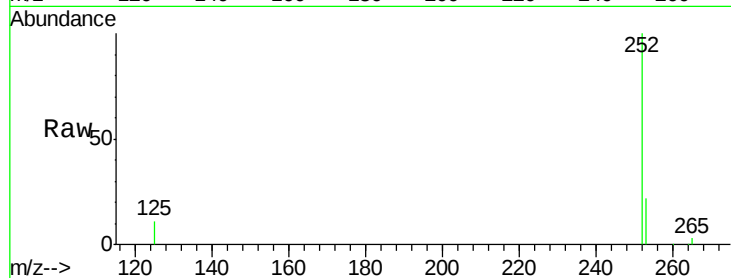
Tot Ion:252 Resp: 51196

Ion Ratio Lower Upper

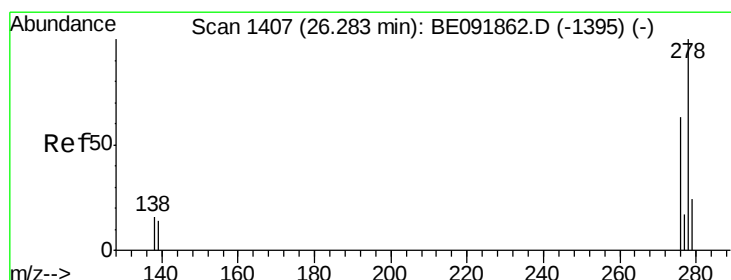
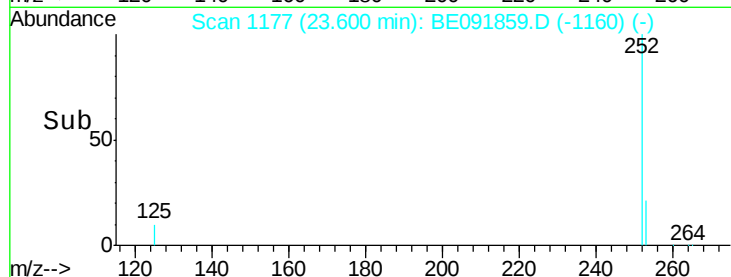
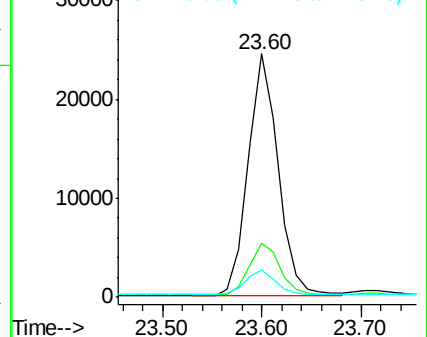
252 100

253 22.1 18.9 28.3

125 11.4 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: 0.97 ng

RT: 26.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BE091859.D

Acq: 25 May 2016 15:22

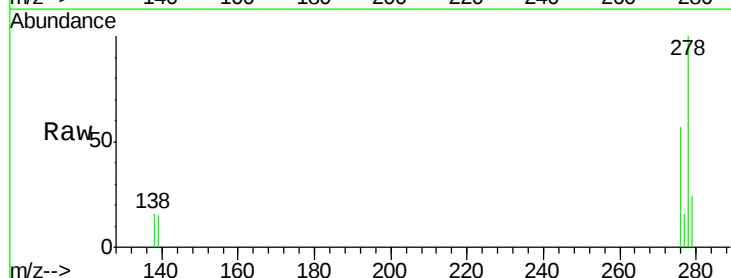
Tgt Ion:278 Resp: 49179

Ion Ratio Lower Upper

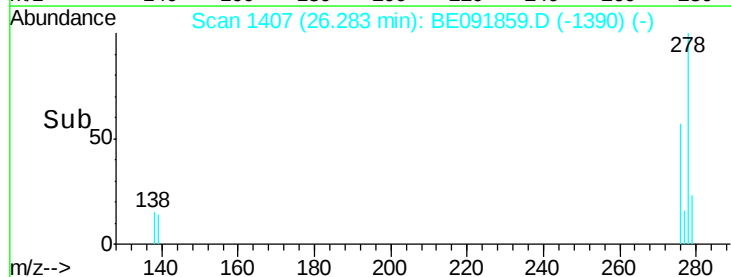
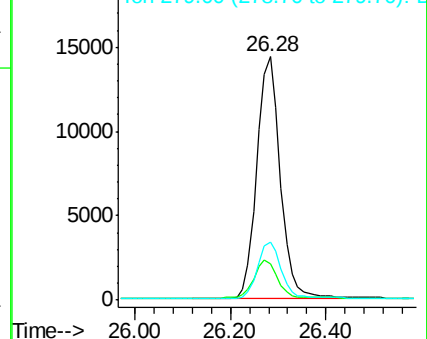
278 100

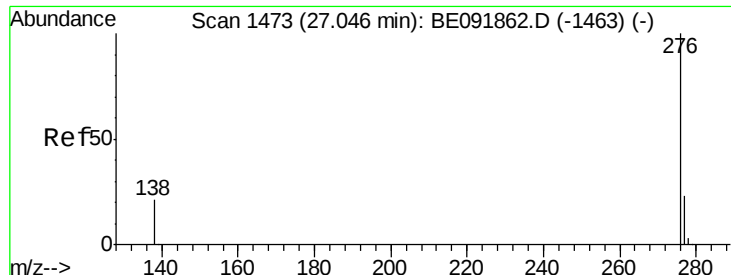
139 15.0 12.6 18.8

279 24.0 20.0 30.0



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





#45

Benzo(a,h,i)perylene

Concen: 0.97 ng

RT: 27.05 min Scan# 1473

Delta R.T. 0.00 min

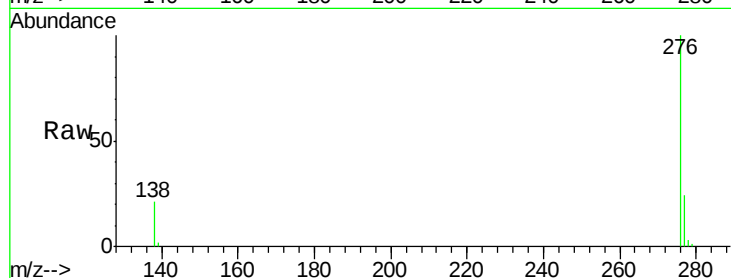
Lab File: BE091859.D

Acq: 25 May 2016 15:22

Instrument :

BNA_E

ClientSampleId :



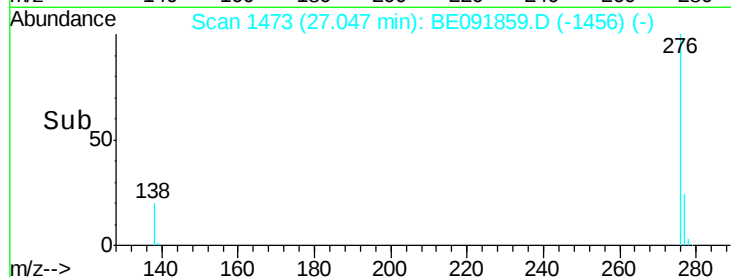
Tot Ion: 276 Resp: 49666

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 20.6 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

