

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
 Data File : BE091945.D
 Acq On : 24 Jun 2016 14:12
 Operator : UM/SJ
 Sample : H3676-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 24 16:11:22 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	23852	5.00	ng	0.02
8) Naphthalene-d8	11.02	136	112613	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	84928	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	147951	5.00	ng	0.00
31) Chrysene-d12	21.76	240	213955	5.00	ng	0.00
40) Perylene-d12	24.18	264	150463	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	50554	10.84	ng	0.00
5) Phenol-d6	7.37	99	81094	10.55	ng	0.02
9) Nitrobenzene-d5	9.36	82	44805	5.76	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	20238	9.14	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	107638	4.99	ng	0.00
34) Terphenyl-d14	20.22	244	137940	5.27	ng	0.00

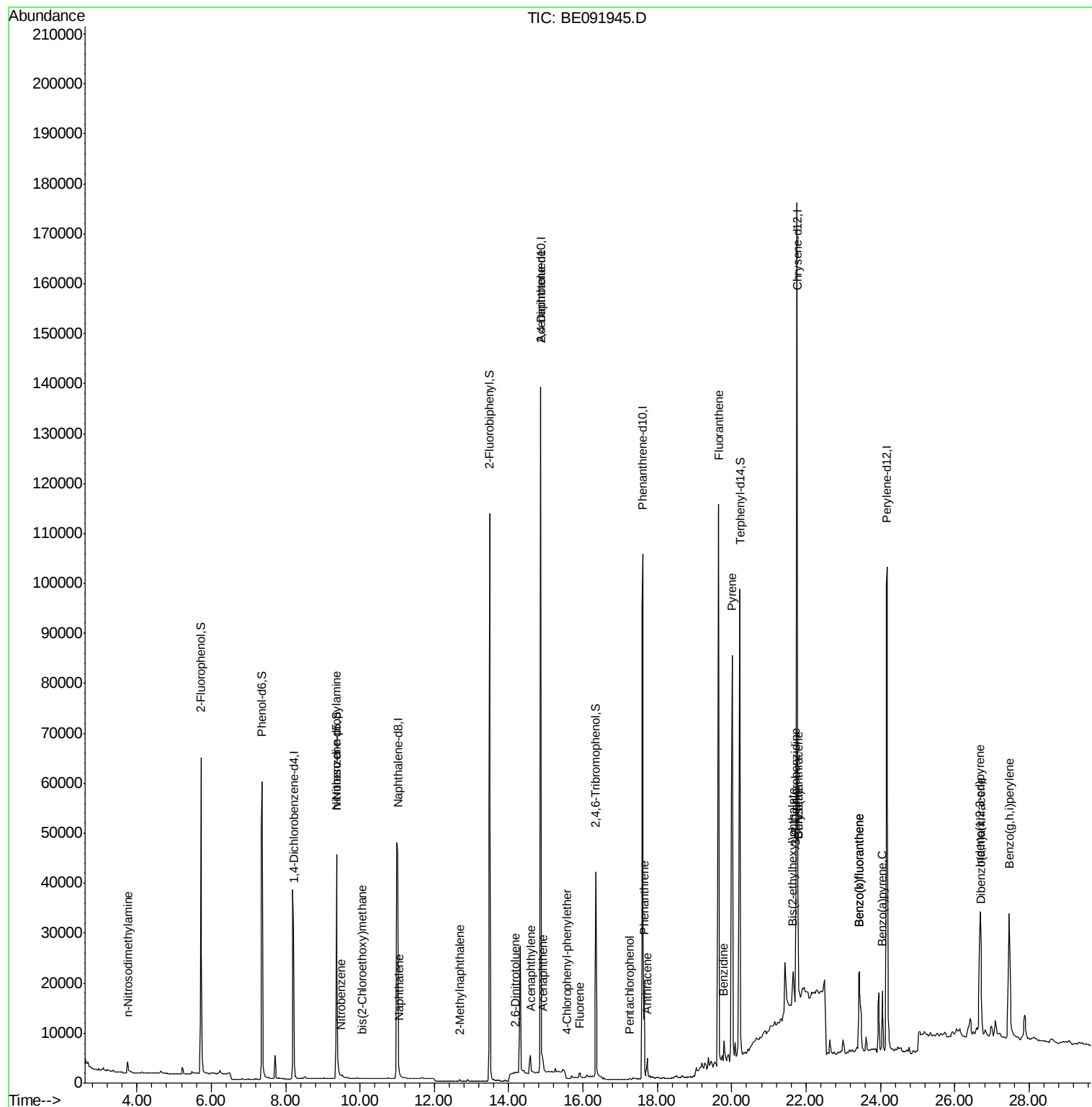
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.75	42	759	0.20	ng	# 1
7) n-Nitroso-di-n-propylamine	9.36	70	5960	1.01	ng	# 87
10) Nitrobenzene	9.48	77	18	0.05	ng	# 1
11) bis(2-Chloroethoxy)methane	10.07	93	664	0.07	ng	# 1
12) Naphthalene	11.04	128	823	0.03	ng	# 63
14) 2-Methylnaphthalene	12.69	142	359	0.02	ng	# 85
18) Acenaphthylene	14.59	152	9537	0.11	ng	# 68
19) 2,6-Dinitrotoluene	14.17	165	4292	0.46	ng	# 95
20) Acenaphthene	14.92	154	1084	0.05	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	41773	2.52	ng	# 1
22) Fluorene	15.91	166	1318	0.06	ng	# 95
23) 4-Chlorophenyl-phenylether	15.57	204	865	0.07	ng	# 1
27) Pentachlorophenol	17.26	266	136	0.15	ng	# 84
28) Phenanthrene	17.64	178	20024	0.54	ng	# 99
29) Anthracene	17.73	178	4904	0.15	ng	# 98
30) Fluoranthene	19.65	202	160716	1.01	ng	# 86
32) Benzidine	19.79	184	130	0.11	ng	# 1
33) Pyrene	20.02	202	150108	1.03	ng	# 70
35) Benzo(a)anthracene	21.79	228	49095	1.46	ng	# 85
36) 3,3'-Dichlorobenzidine	21.73	252	461	0.08	ng	# 69
37) Chrysene	21.79	228	48854	1.00	ng	# 93
38) Bis(2-ethylhexyl)phthalate	21.64	149	17671	0.87	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	54486	0.32	ng	# 98
41) Benzo(b)fluoranthene	23.44	252	39822	1.03	ng	# 59
42) Benzo(k)fluoranthene	23.44	252	39822	1.13	ng	# 62
43) Benzo(a)pyrene	24.06	252	19012	0.56	ng	# 69
44) Dibenzo(a,h)anthracene	26.70	278	3413	0.10	ng	# 1
45) Benzo(g,h,i)perylene	27.47	276	65538	0.48	ng	# 81

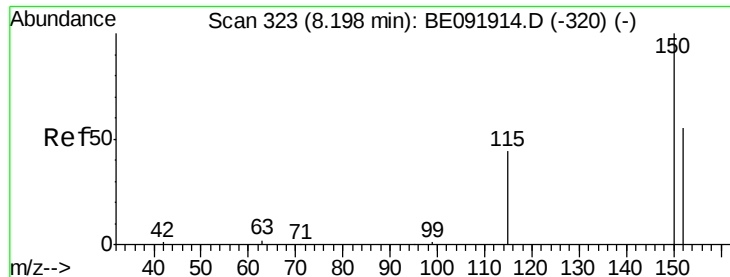
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
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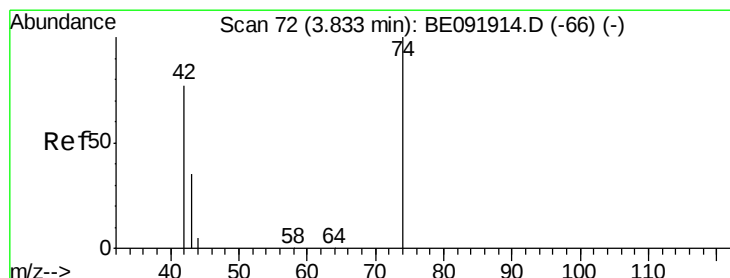
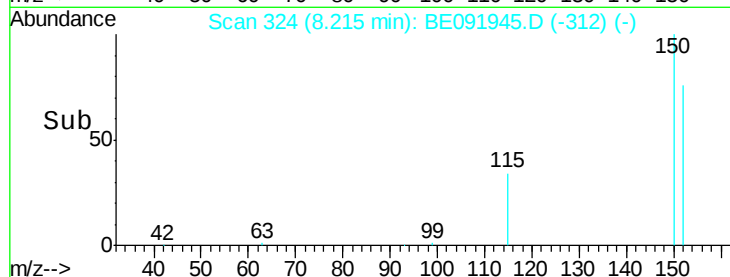
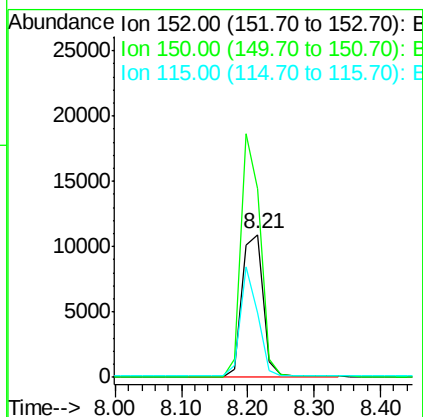
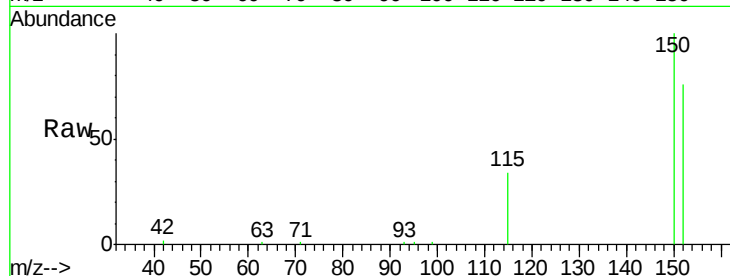


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.21 min Scan# 324
Delta R.T. 0.02 min
Lab File: BE091945.D
Acq: 24 Jun 2016 14:12

Instrument :
BNA_E
ClientSampled :

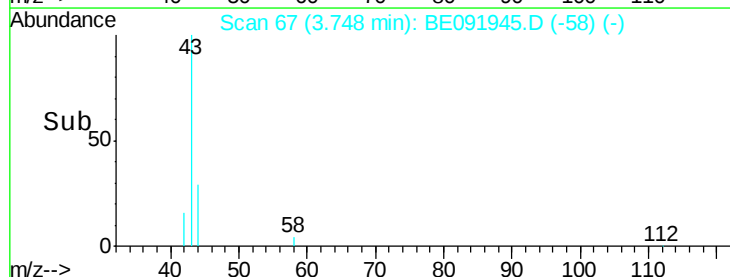
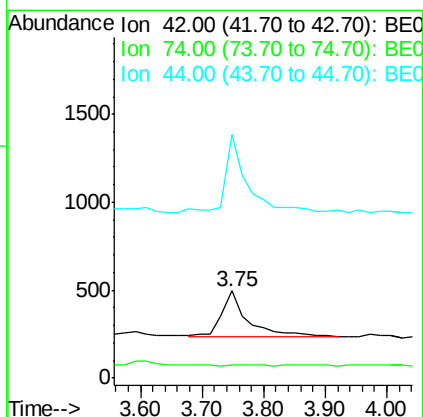
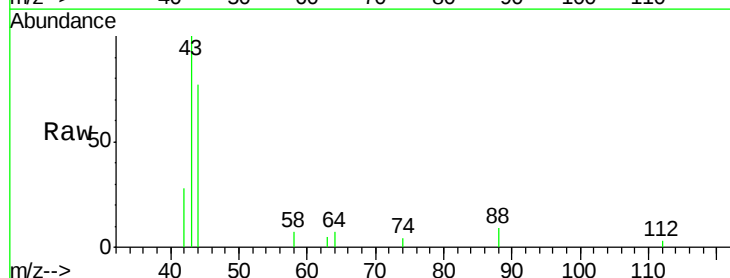
Tot Ion:152 Resp: 23852
Ion Ratio Lower Upper
152 100
150 132.2 123.9 185.9
115 44.9 48.3 72.5#

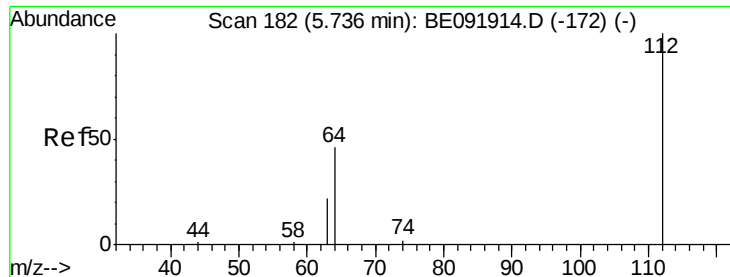


#3

n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.75 min Scan# 67
Delta R.T. -0.05 min
Lab File: BE091945.D
Acq: 24 Jun 2016 14:12

Tgt Ion: 42 Resp: 759
Ion Ratio Lower Upper
42 100
74 0.0 93.4 140.0#
44 151.8 5.0 7.6#





#4

2-Fluorophenol

Concen: 10.84 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

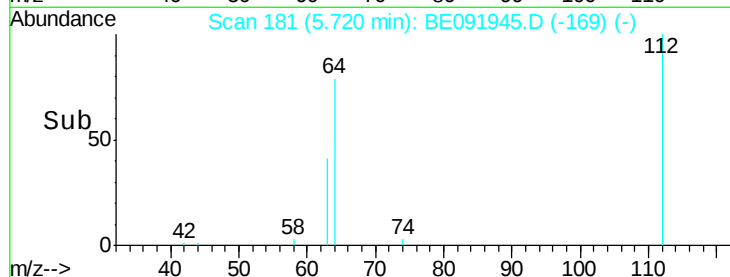
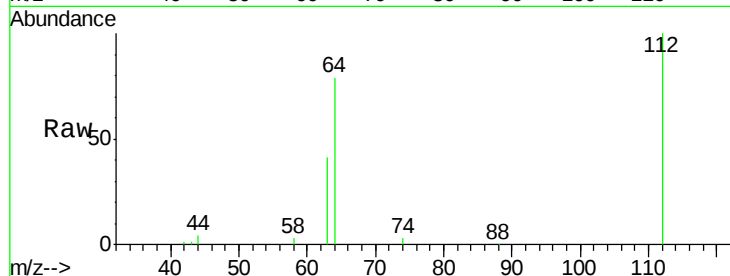
Tot Ion:112 Resp: 50554

Ion Ratio Lower Upper

112 100

64 69.1 53.7 80.5

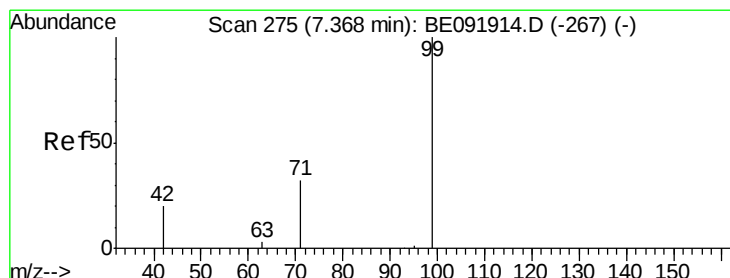
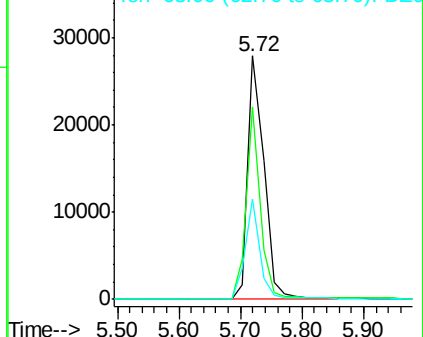
63 37.1 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 10.55 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

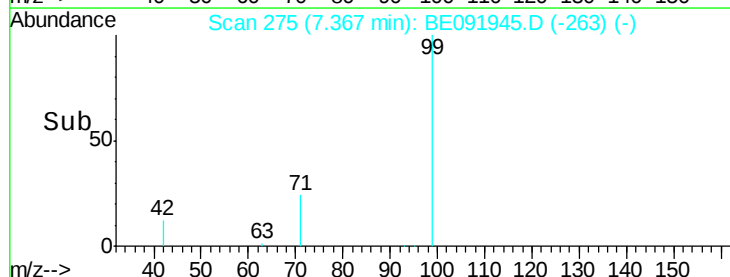
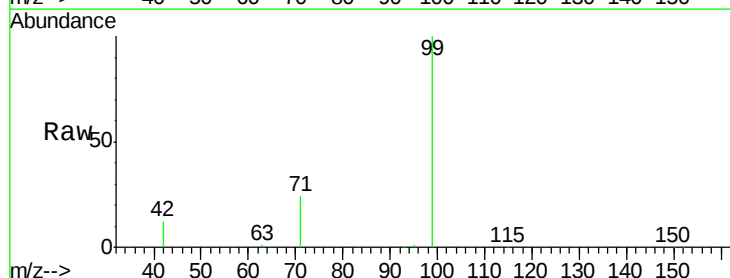
Tgt Ion: 99 Resp: 81094

Ion Ratio Lower Upper

99 100

42 26.1 19.6 29.4

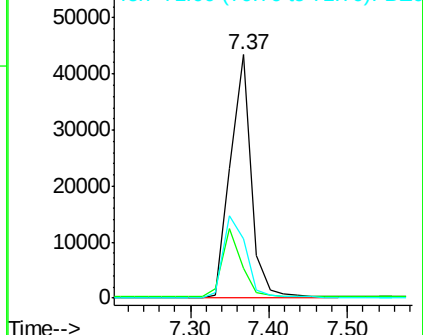
71 36.3 28.1 42.1

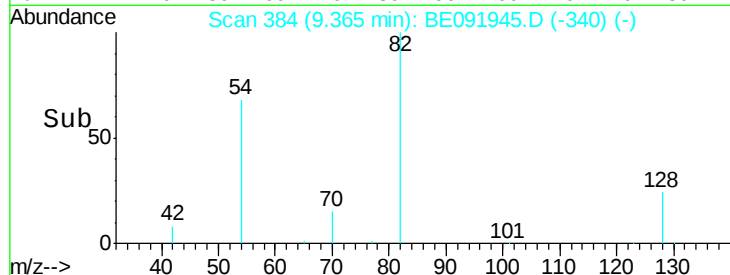
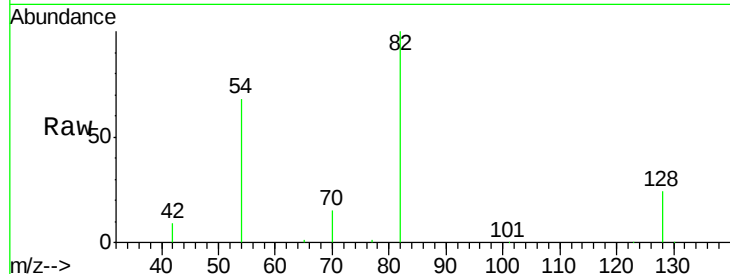
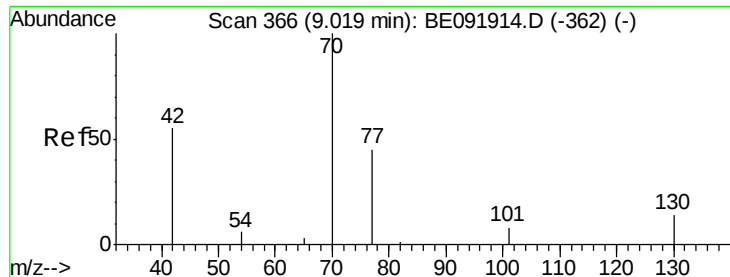


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 1.01 ng

RT: 9.36 min Scan# 384

Delta R.T. 0.36 min

Lab File: BE091945.D

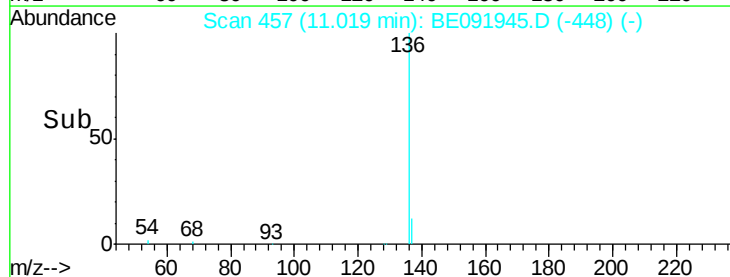
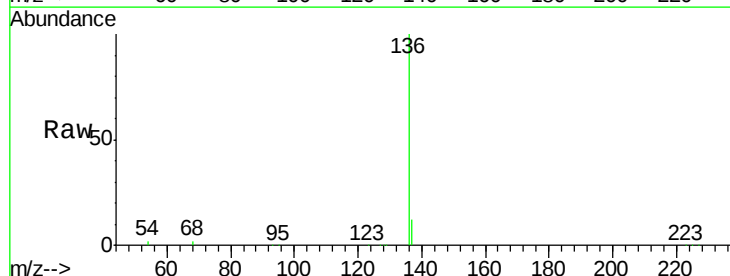
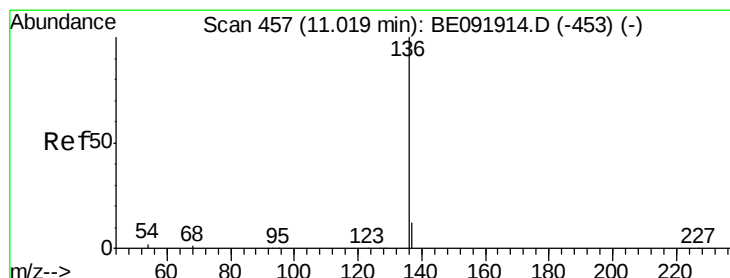
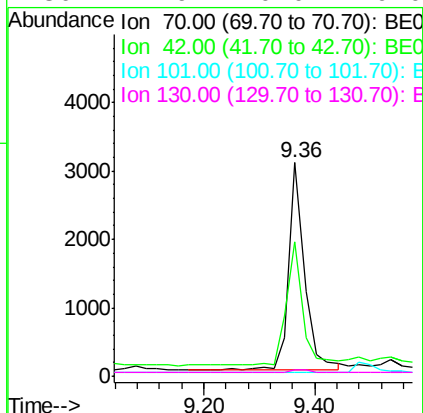
Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	70	Resp:	5960
Ion	Ratio	Lower	Upper
70	100		
42	62.9	58.4	87.6
101	0.0	6.4	9.6#
130	1.9	0.0	0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

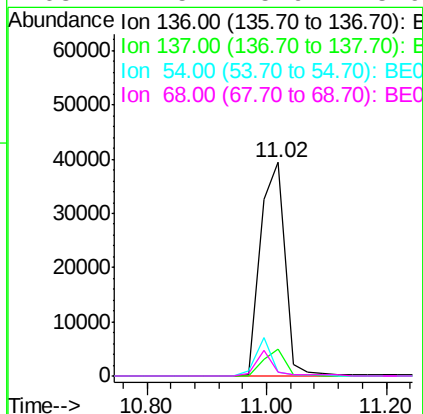
RT: 11.02 min Scan# 457

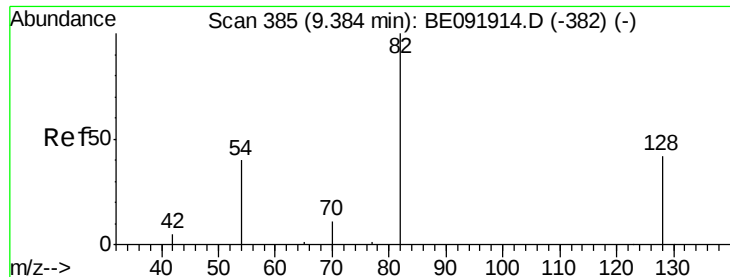
Delta R.T. 0.03 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Tgt Ion:	136	Resp:	112613
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.3	12.5
54	1.8	8.2	12.4#
68	1.5	5.9	8.9#

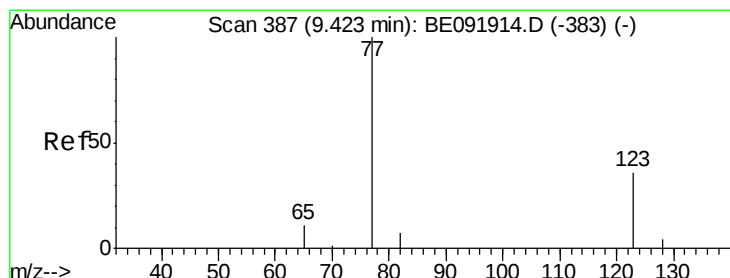
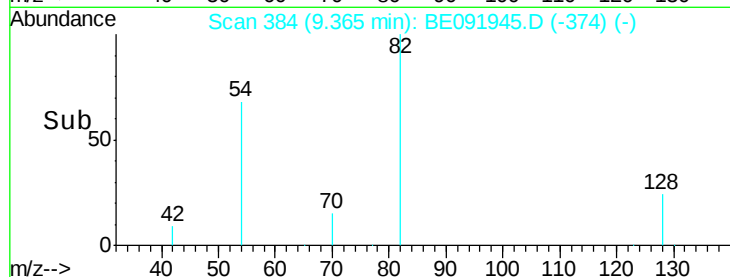
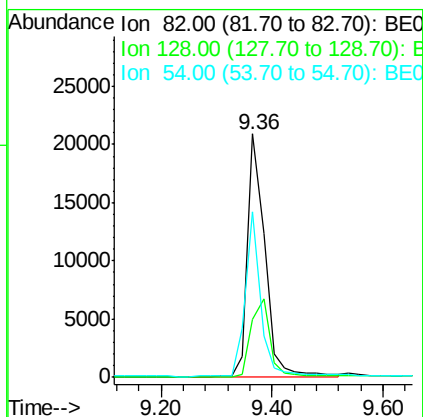
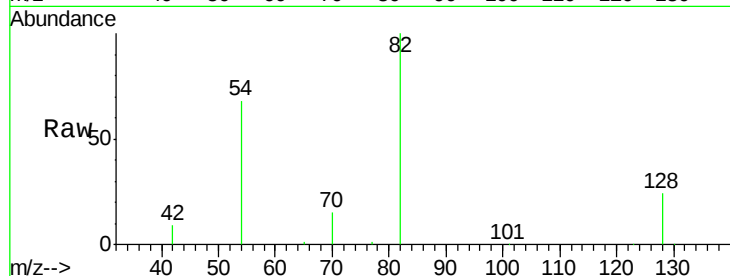




#9
Nitrobenzene-d5
Concen: 5.76 ng
RT: 9.36 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE091945.D
Acq: 24 Jun 2016 14:12

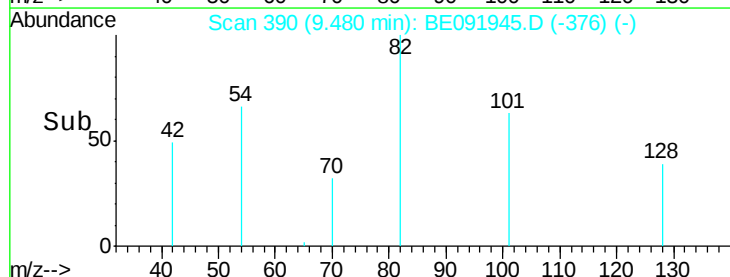
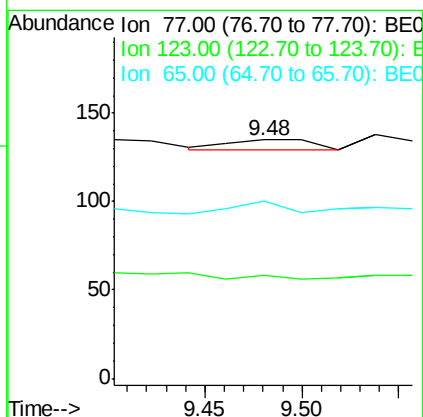
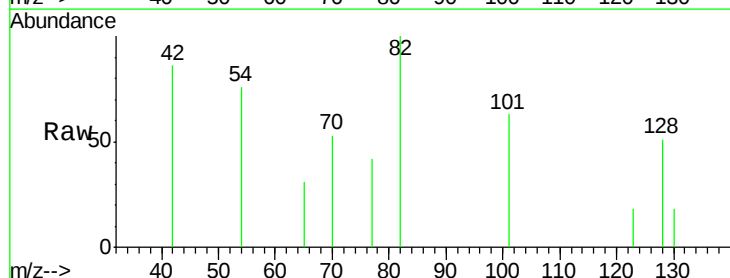
Instrument :
BNA_E
ClientSampleId :

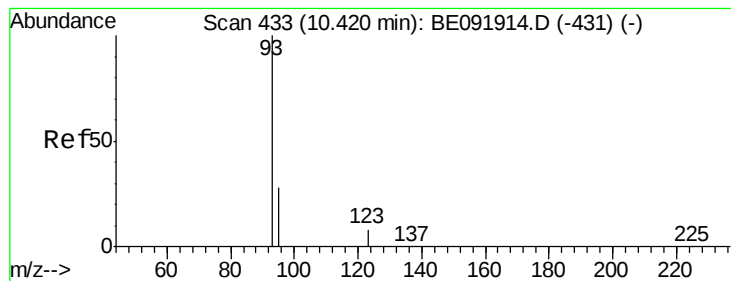
Tot Ion: 82 Resp: 44805
Ion Ratio Lower Upper
82 100
128 24.0 39.5 59.3#
54 67.8 30.3 45.5#



#10
Nitrobenzene
Concen: 0.05 ng
RT: 9.48 min Scan# 390
Delta R.T. 0.08 min
Lab File: BE091945.D
Acq: 24 Jun 2016 14:12

Tgt Ion: 77 Resp: 18
Ion Ratio Lower Upper
77 100
123 0.0 0.0 0.0
65 88.9 11.1 16.7#





#11

bis(2-Chloroethoxy)methane

Concen: 0.07 ng

RT: 10.07 min Scan# 419

Delta R.T. -0.35 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

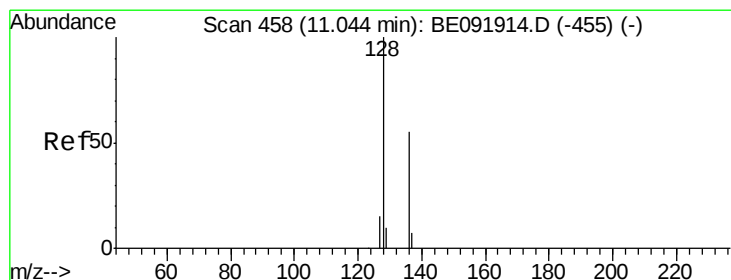
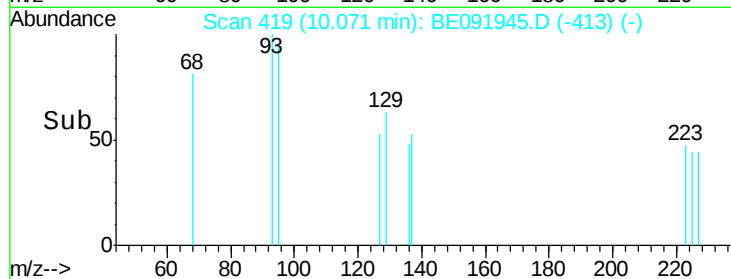
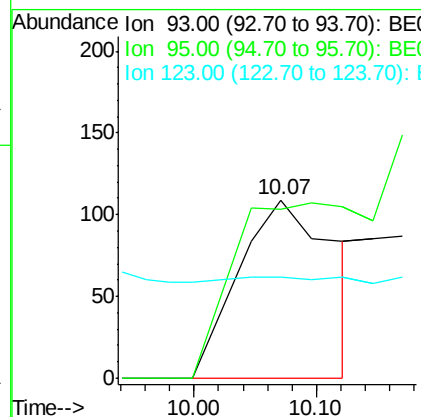
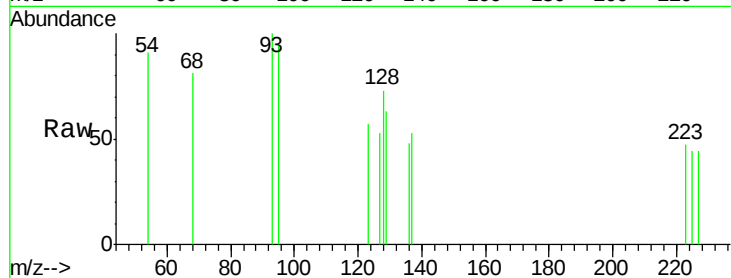
Tot Ion: 93 Resp: 664

Ion Ratio Lower Upper

93 100

95 0.0 57.6 86.4#

123 0.0 100.2 150.4#



#12

Naphthalene

Concen: 0.03 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

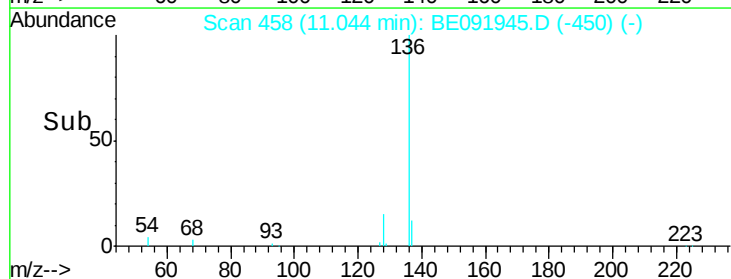
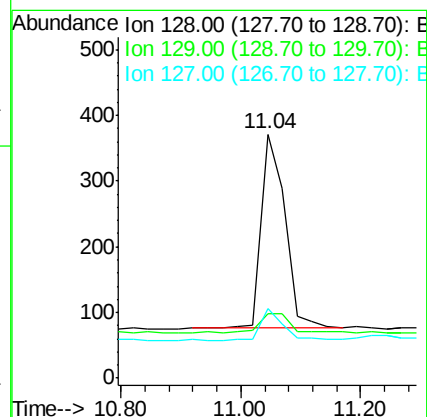
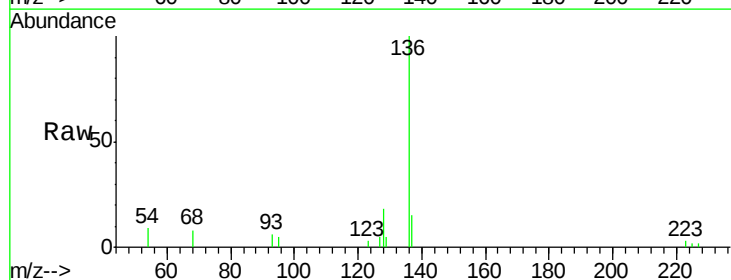
Tgt Ion: 128 Resp: 823

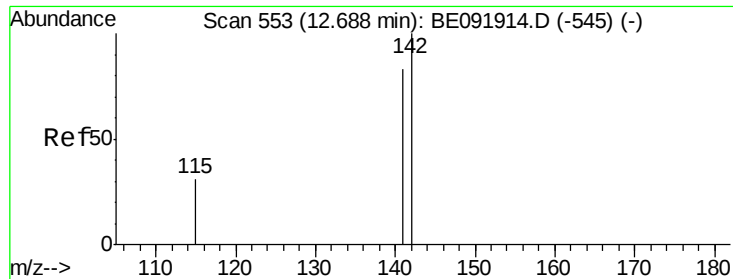
Ion Ratio Lower Upper

128 100

129 26.4 10.4 15.6#

127 28.3 10.2 15.2#





#14

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.69 min Scan# 553

Delta R.T. 0.01 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampled :

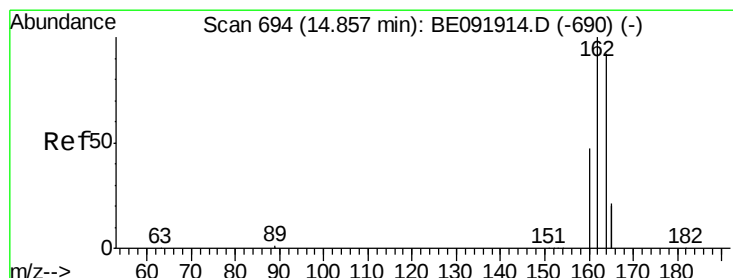
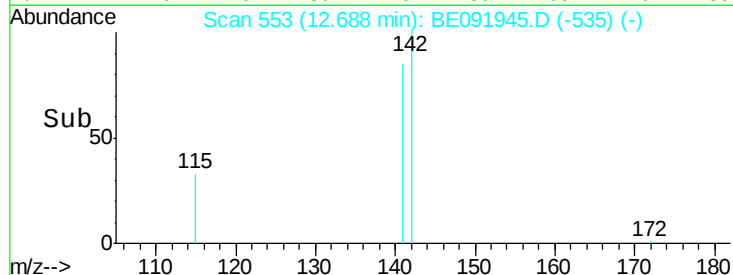
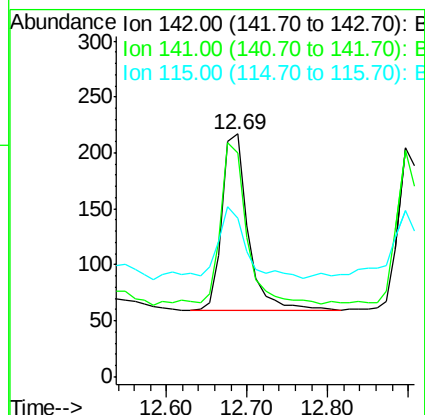
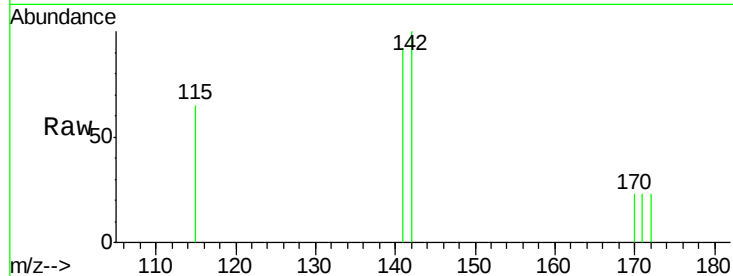
Tot Ion:142 Resp: 359

Ion Ratio Lower Upper

142 100

141 92.2 71.9 107.9

115 65.4 29.9 44.9#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

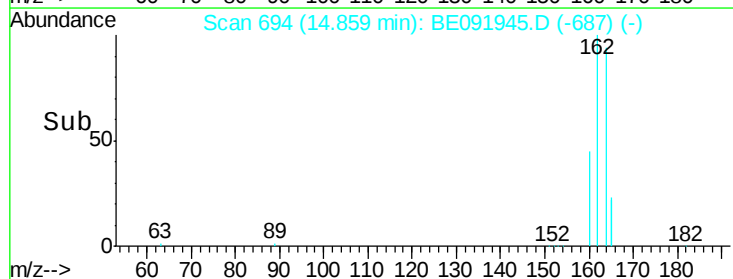
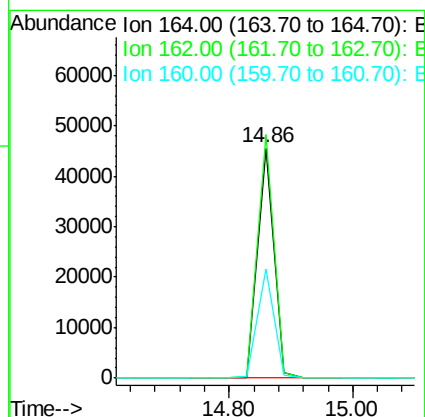
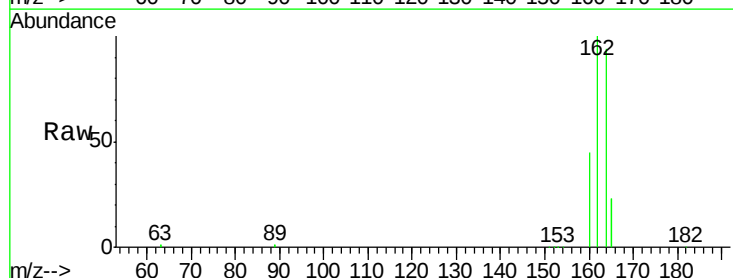
Tgt Ion:164 Resp: 84928

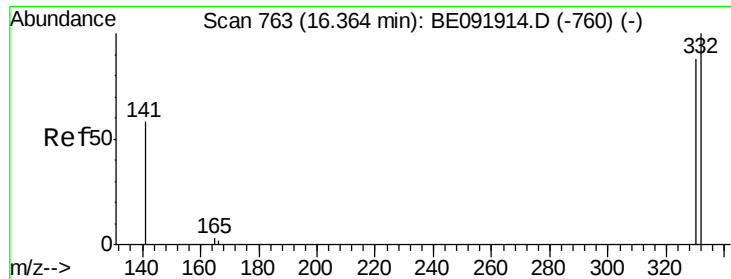
Ion Ratio Lower Upper

164 100

162 106.0 71.8 107.8

160 47.3 28.0 42.0#

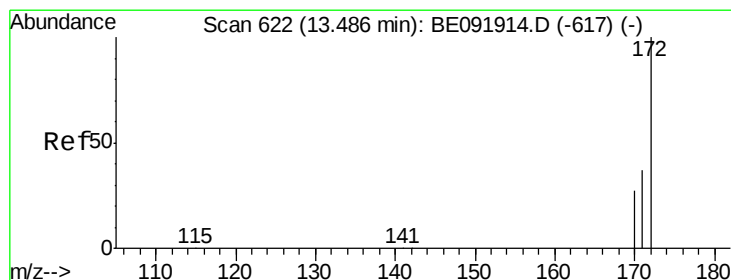
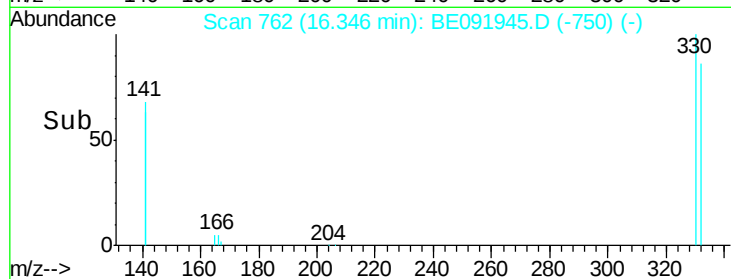
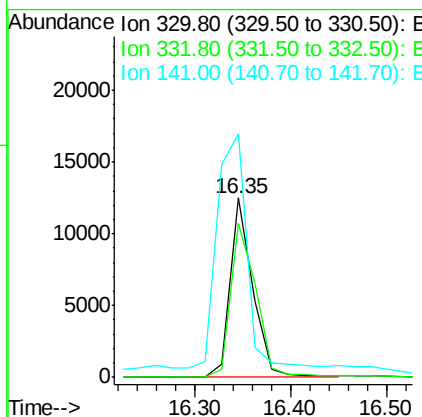
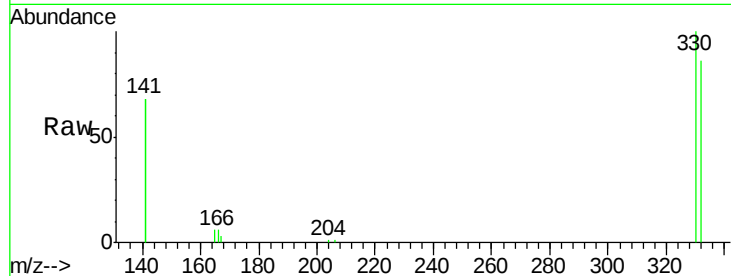




#16
 2,4,6-Tribromophenol
 Concen: 9.14 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

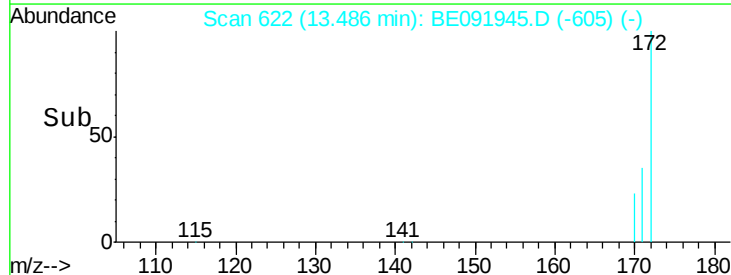
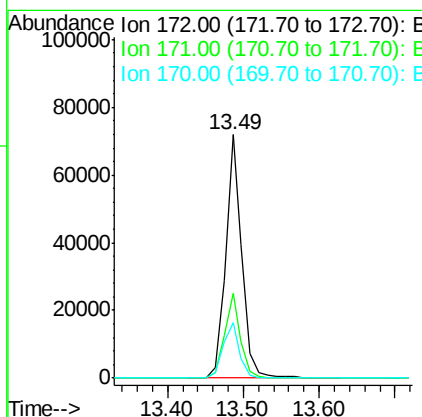
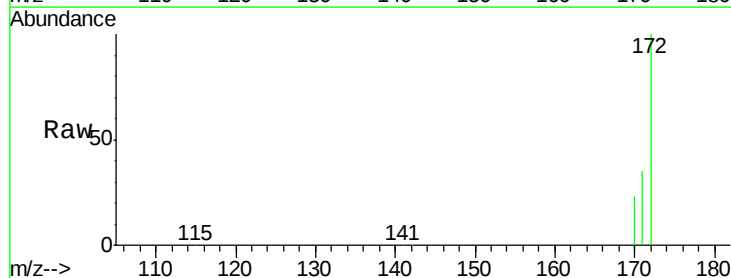
Instrument :
 BNA_E
 ClientSampled :

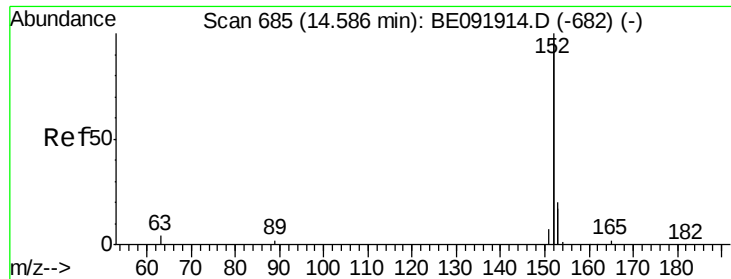
Tot Ion:330 Resp: 20238
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 172.0 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 4.99 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

Tgt Ion:172 Resp: 107638
 Ion Ratio Lower Upper
 172 100
 171 35.0 24.3 36.5
 170 22.8 14.9 22.3#





#18

Acenaphthylene

Concen: 0.11 ng

RT: 14.59 min Scan# 685

Delta R.T. 0.03 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

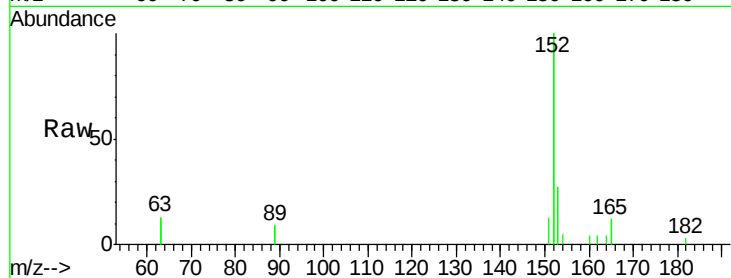
Tot Ion:152 Resp: 9537

Ion Ratio Lower Upper

152 100

151 0.0 19.4 29.2#

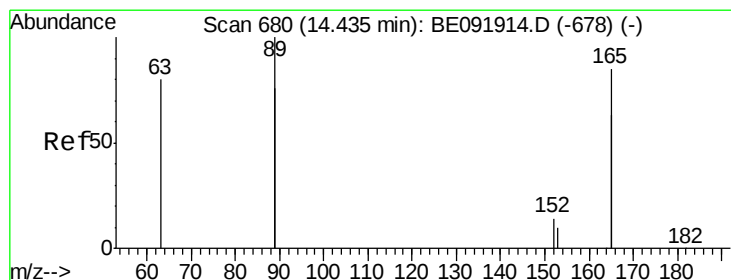
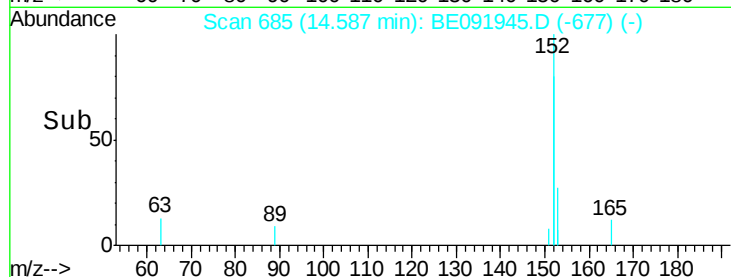
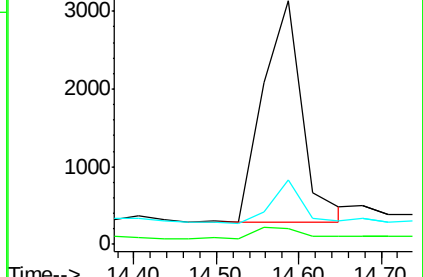
153 13.9 14.4 21.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#19

2,6-Dinitrotoluene

Concen: 0.46 ng

RT: 14.17 min Scan# 671

Delta R.T. -0.27 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

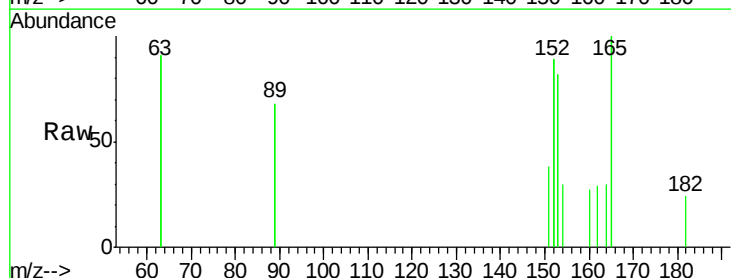
Tgt Ion:165 Resp: 4292

Ion Ratio Lower Upper

165 100

63 87.2 65.9 98.9

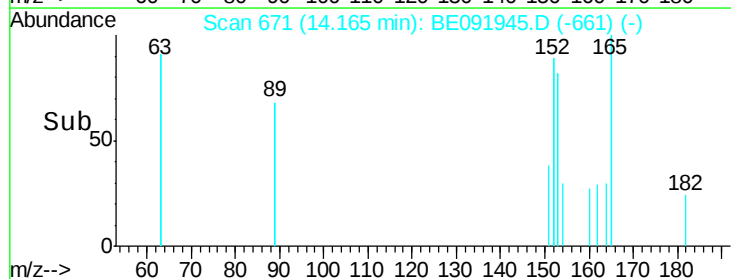
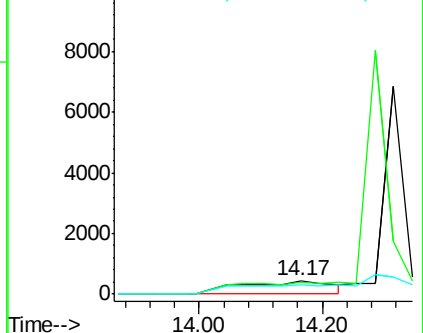
89 70.2 59.1 88.7

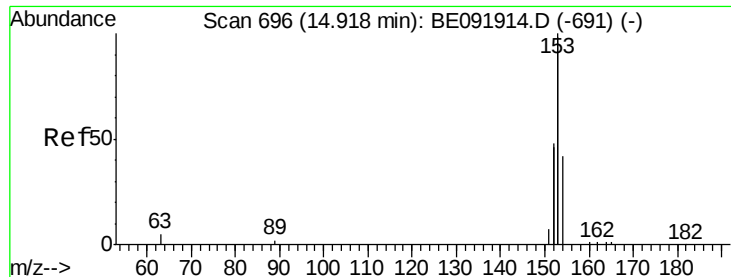


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.05 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampled :

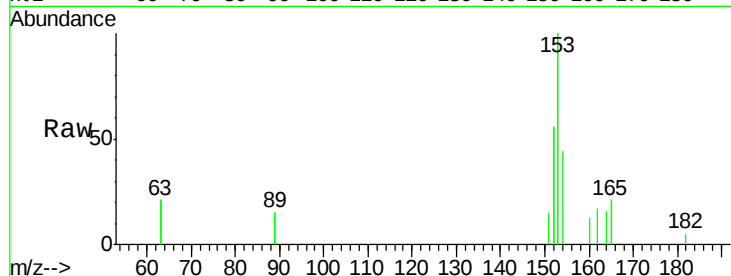
Tot Ion:154 Resp: 1084

Ion Ratio Lower Upper

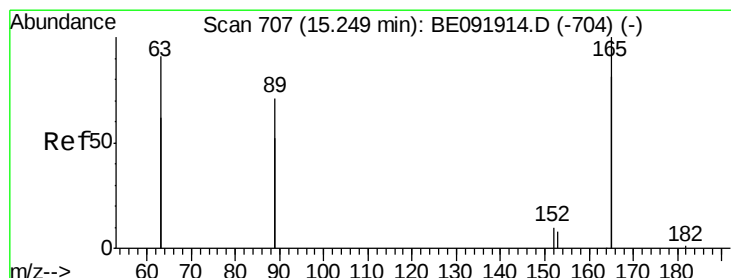
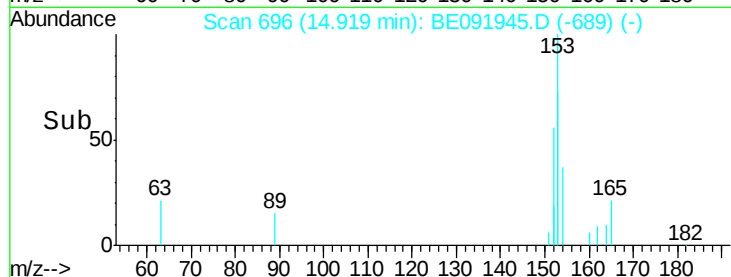
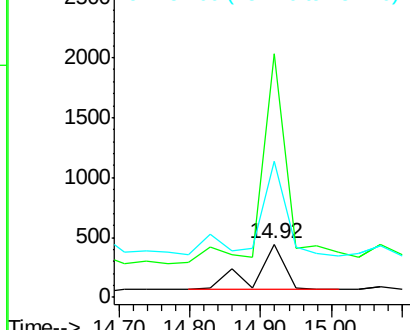
154 100

153 399.8 88.1 132.1#

152 190.9 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#21

2,4-Dinitrotoluene

Concen: 2.52 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Tgt Ion:165 Resp: 41773

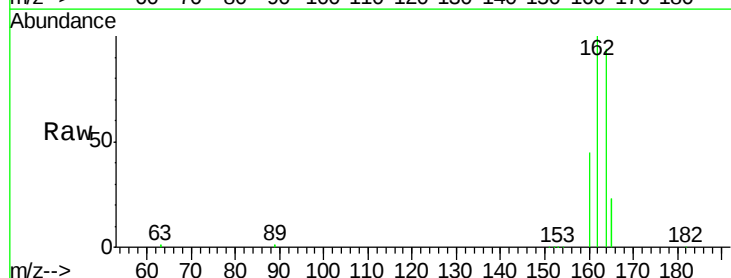
Ion Ratio Lower Upper

165 100

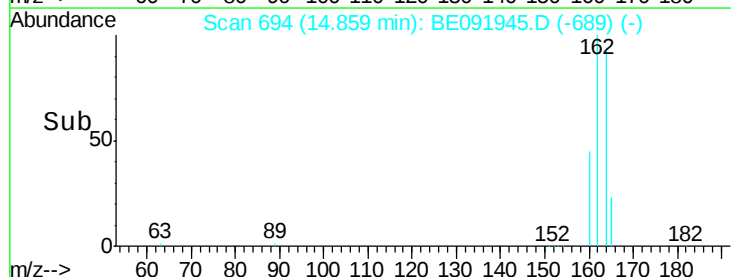
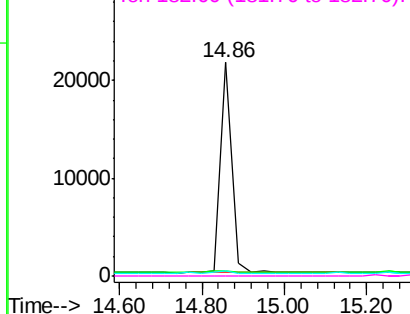
63 0.0 0.0 0.0

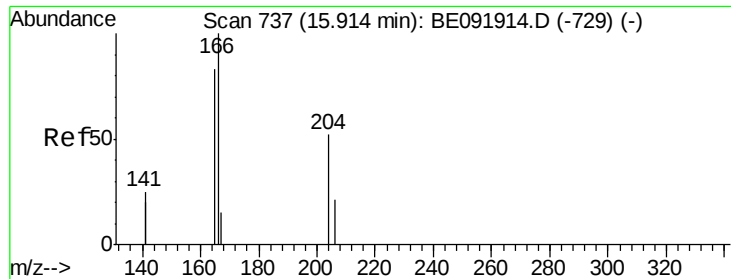
89 1.7 99.8 149.8#

182 0.0 0.0 0.0



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

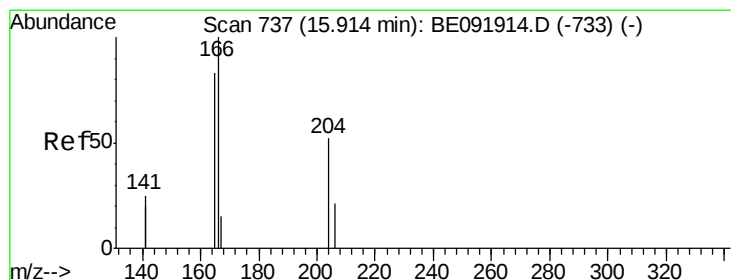
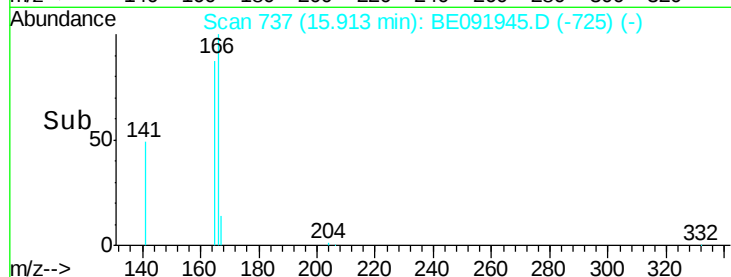
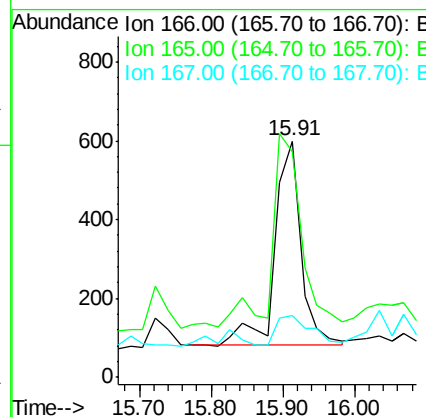
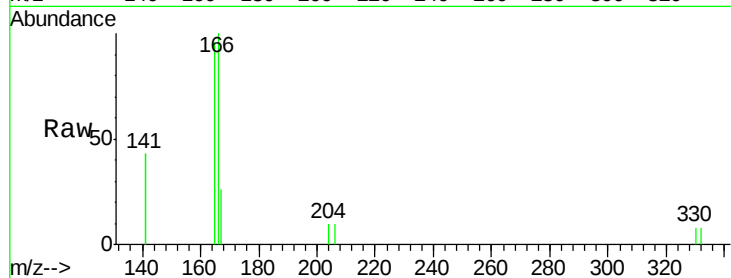




#22
 Fluorene
 Concen: 0.06 ng
 RT: 15.91 min Scan# 737
 Delta R.T. 0.02 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

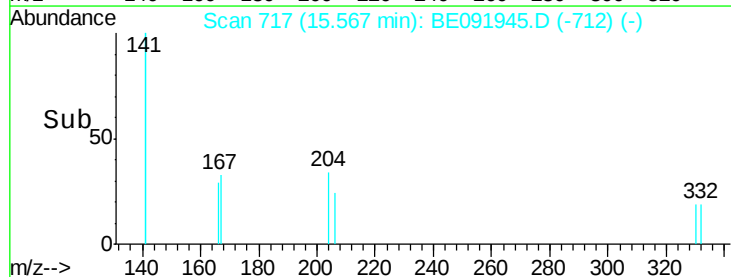
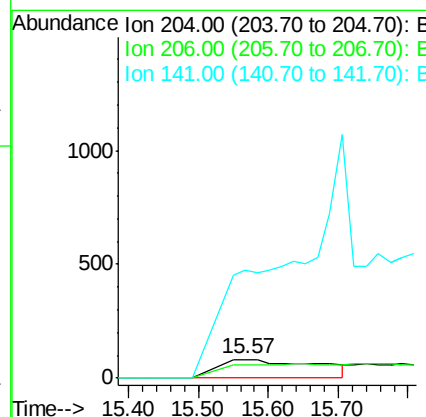
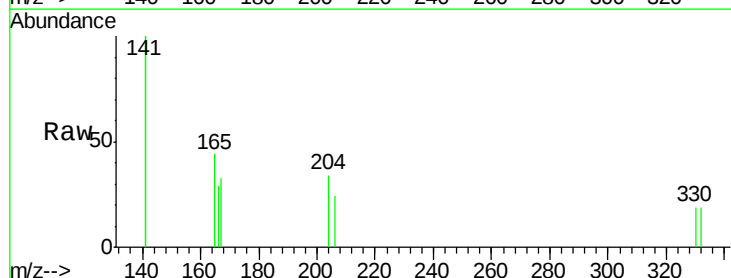
Instrument :
 BNA_E
 ClientSampleId :

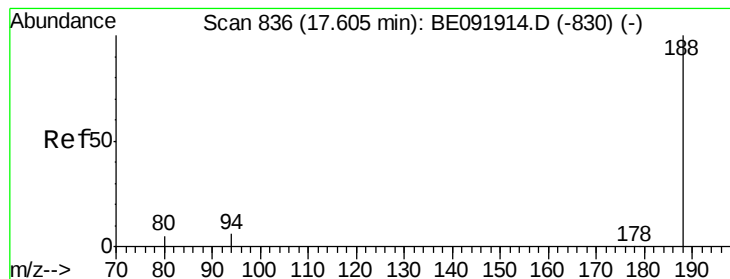
Tot Ion:166 Resp: 1318
 Ion Ratio Lower Upper
 166 100
 165 102.0 78.6 117.8
 167 19.8 10.8 16.2#



#23
 4-Chlorophenyl-phenylether
 Concen: 0.07 ng
 RT: 15.57 min Scan# 717
 Delta R.T. -0.33 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

Tgt Ion:204 Resp: 865
 Ion Ratio Lower Upper
 204 100
 206 0.0 27.8 41.6#
 141 0.0 197.6 296.4#





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.61 min Scan# 836

Delta R.T. -0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

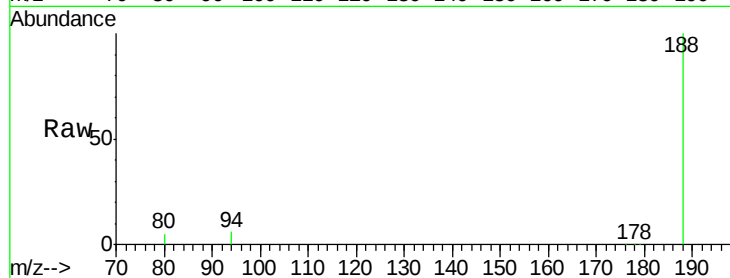
Tot Ion:188 Resp: 147951

Ion Ratio Lower Upper

188 100

94 5.9 4.1 6.1

80 5.1 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

120000

100000

80000

60000

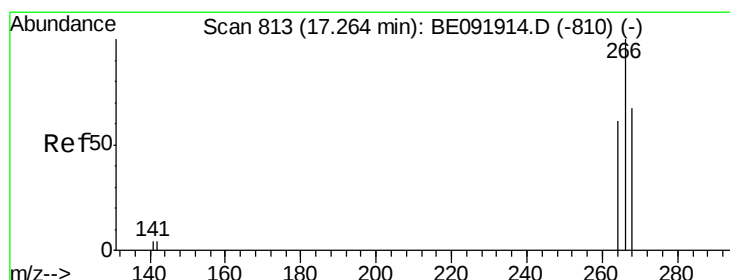
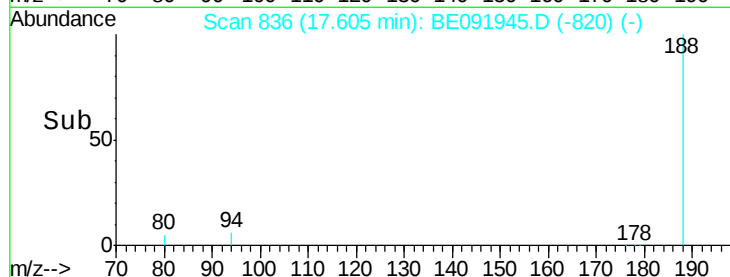
40000

20000

0

17.50 17.60 17.70

Time-->



#27

Pentachlorophenol

Concen: 0.15 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

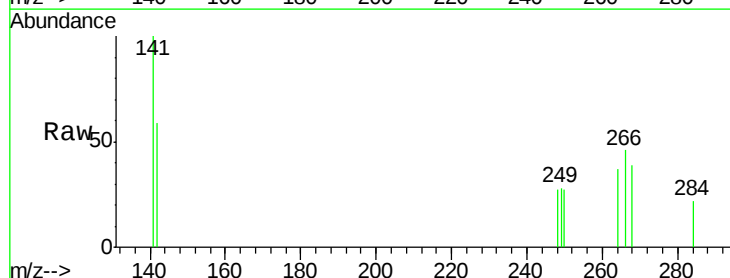
Tgt Ion:266 Resp: 136

Ion Ratio Lower Upper

266 100

268 85.2 60.5 90.7

264 80.6 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

150

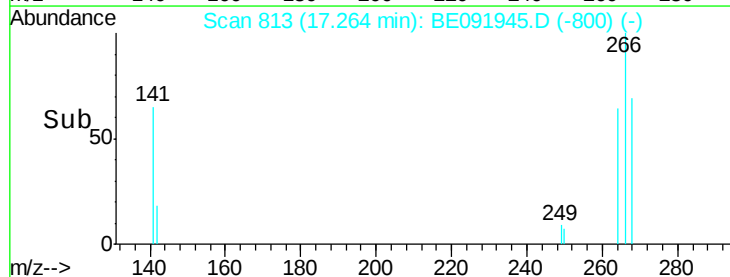
100

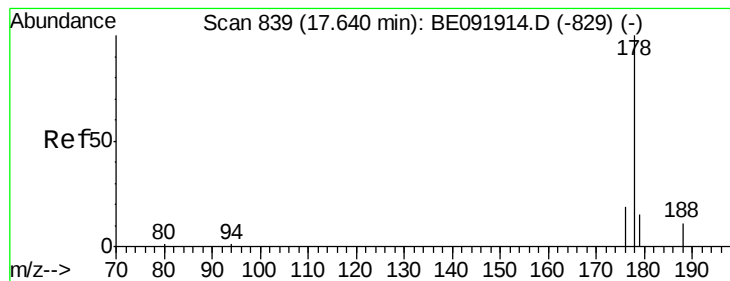
50

0

17.20 17.30

Time-->





#28

Phenanthrene

Concen: 0.54 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

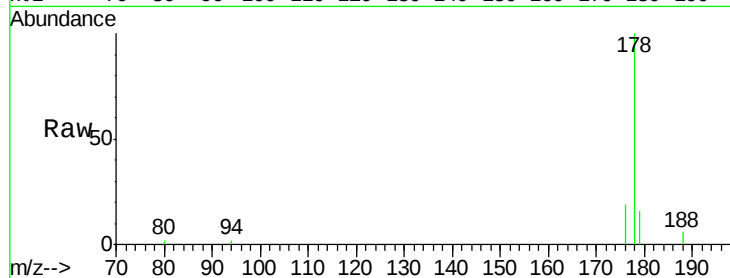
Tot Ion:178 Resp: 20024

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

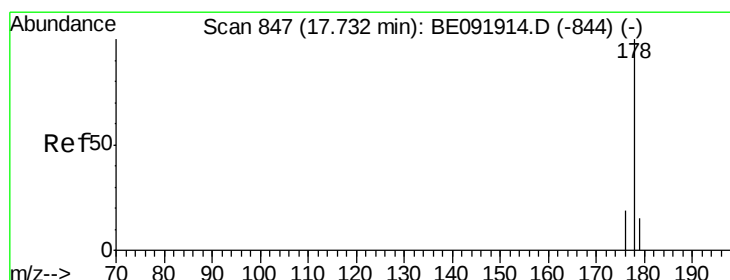
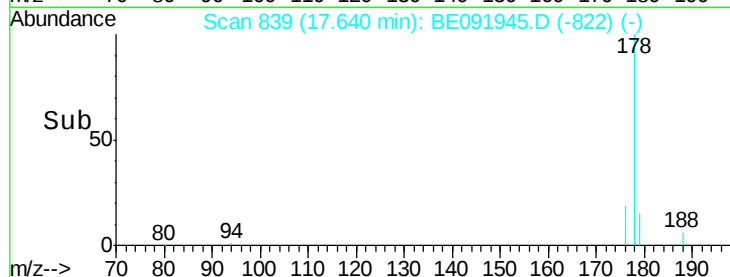
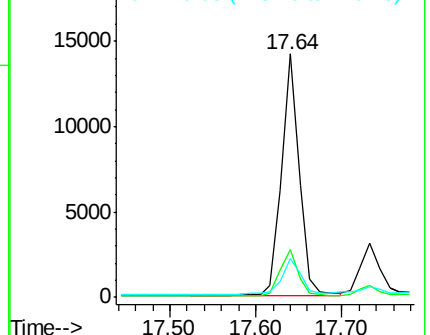
179 16.6 12.9 19.3



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: 0.15 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

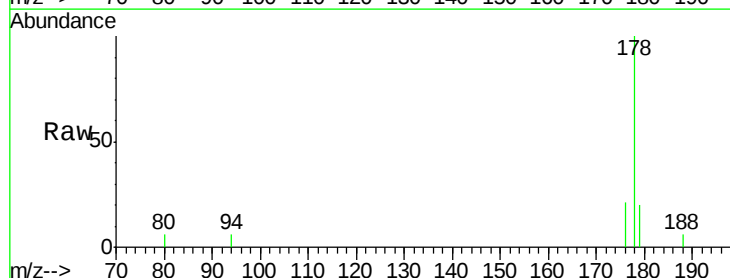
Tgt Ion:178 Resp: 4904

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

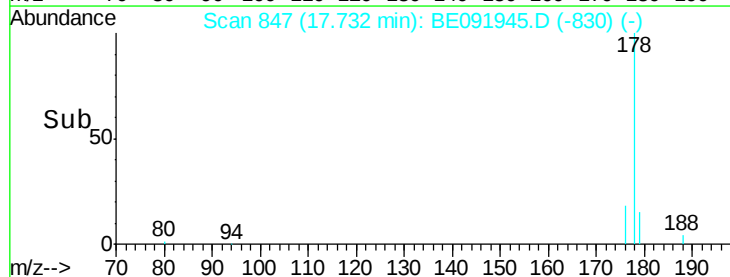
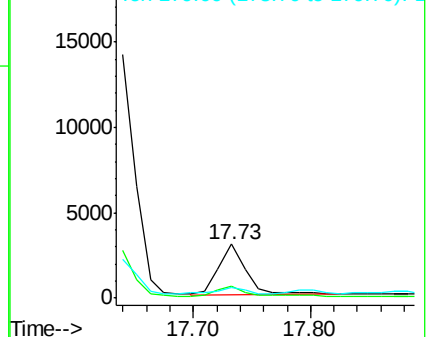
179 12.9 12.1 18.1

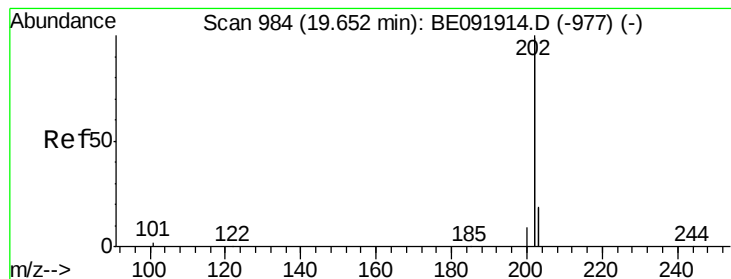


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampled :

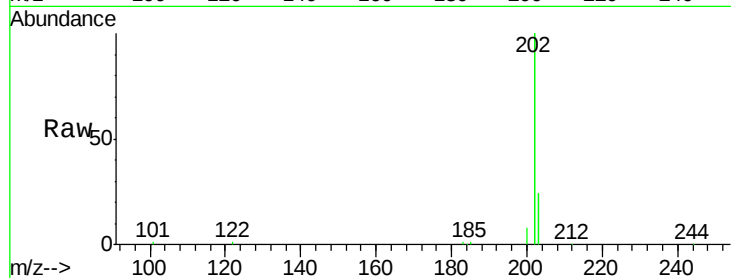
Tot Ion:202 Resp: 160716

Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

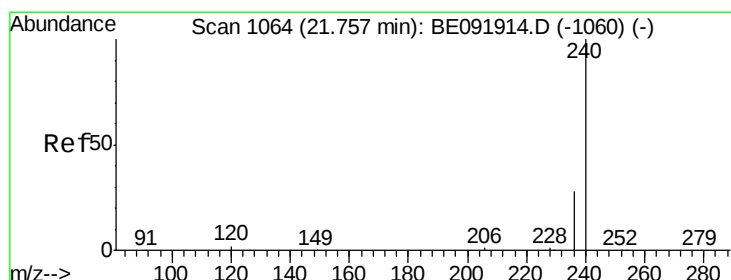
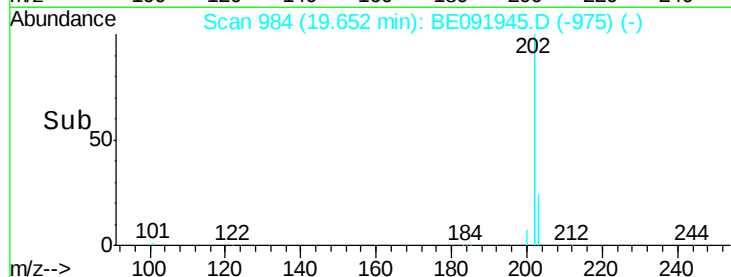
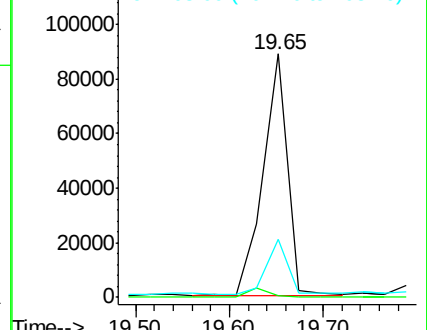
203 19.6 14.3 21.5



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: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

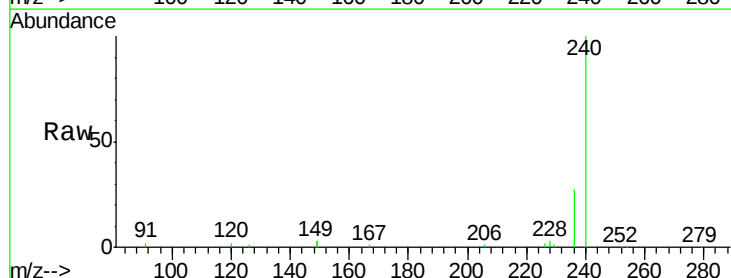
Tgt Ion:240 Resp: 213955

Ion Ratio Lower Upper

240 100

120 1.9 1.2 1.8#

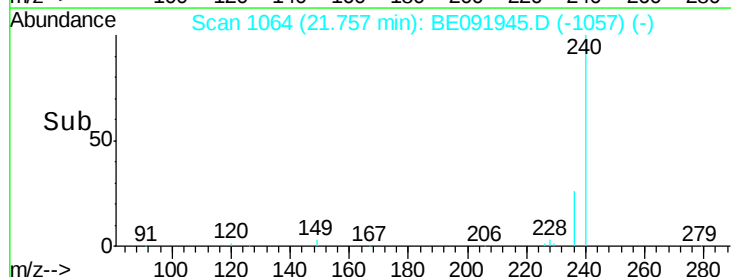
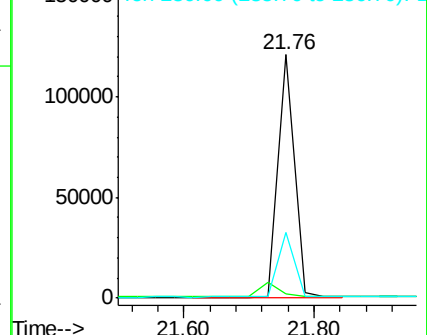
236 26.8 19.8 29.8

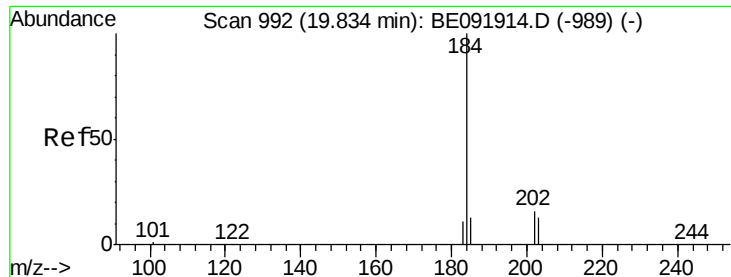


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#32

Benzidine

Concen: 0.11 ng

RT: 19.79 min Scan# 990

Delta R.T. -0.04 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

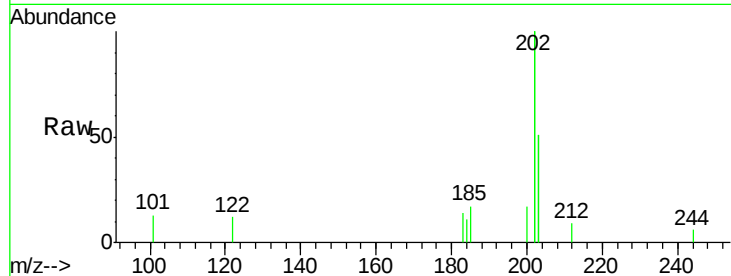
Tot Ion:184 Resp: 130

Ion Ratio Lower Upper

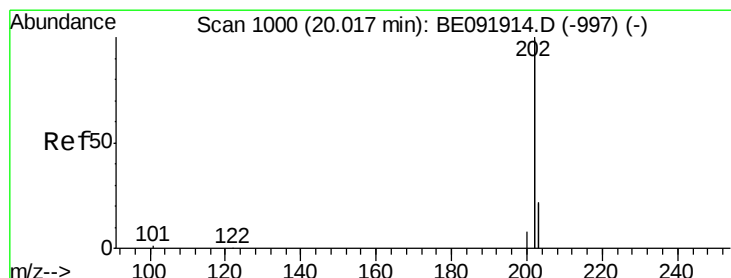
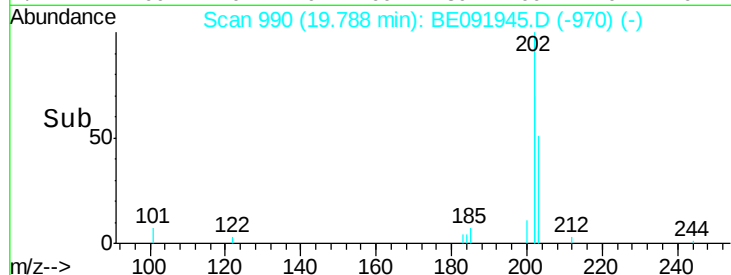
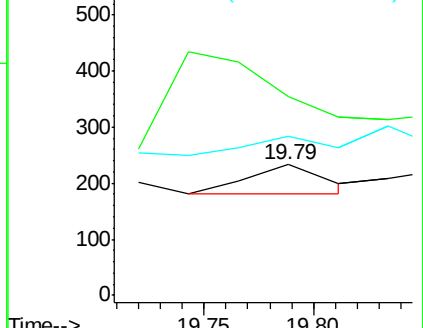
184 100

185 151.9 11.4 17.2#

183 121.5 11.8 17.6#



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



#33

Pyrene

Concen: 1.03 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

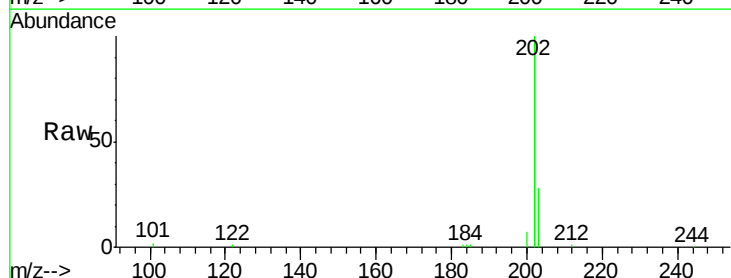
Tgt Ion:202 Resp: 150108

Ion Ratio Lower Upper

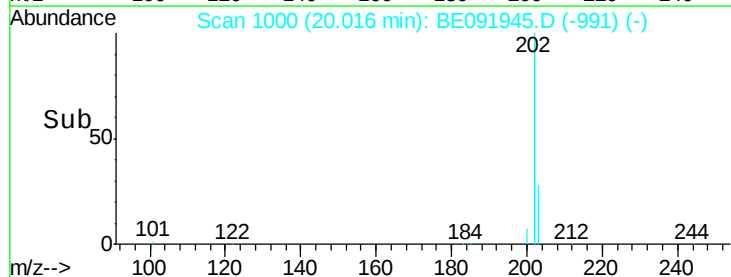
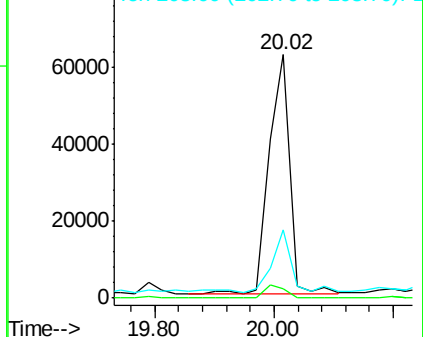
202 100

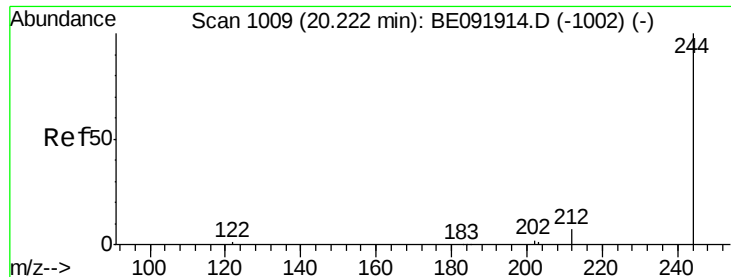
200 0.0 16.9 25.3#

203 23.0 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: 5.27 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampled :

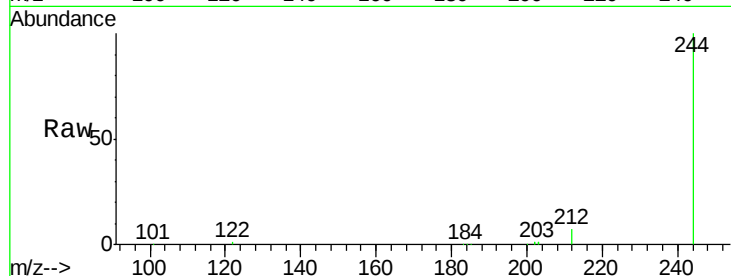
Tot Ion:244 Resp: 137940

Ion Ratio Lower Upper

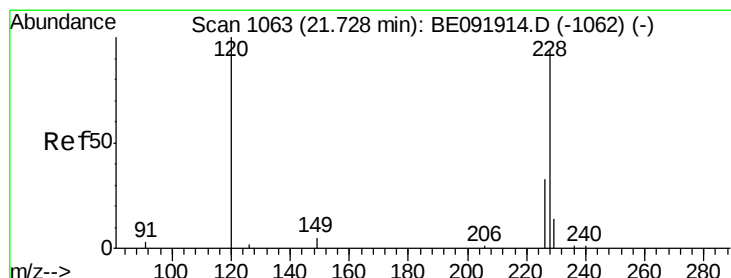
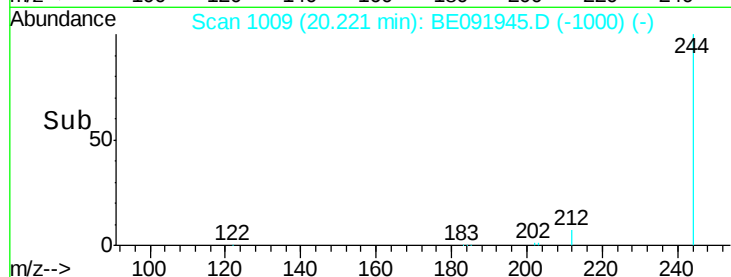
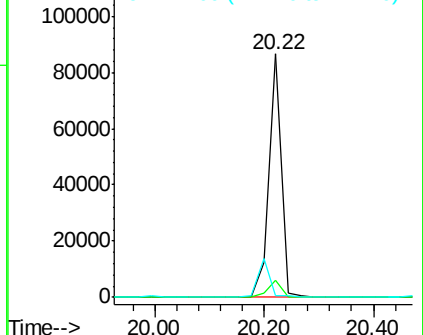
244 100

212 7.1 6.5 9.7

122 0.8 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: 1.46 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

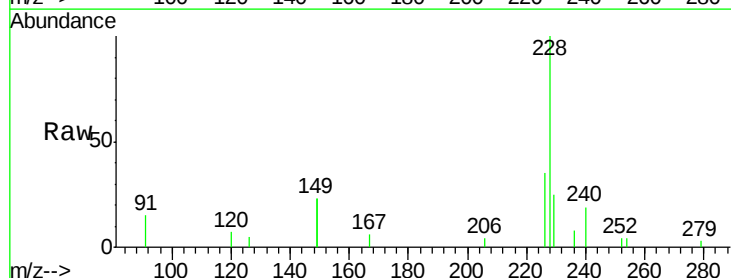
Tgt Ion:228 Resp: 49095

Ion Ratio Lower Upper

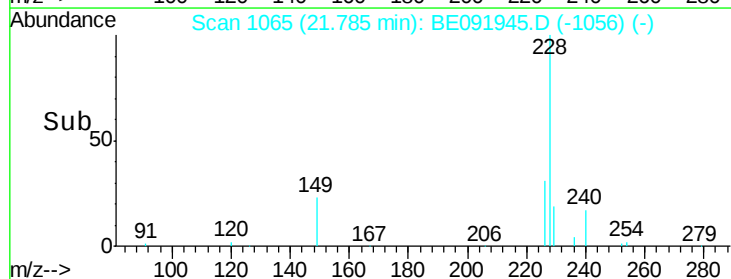
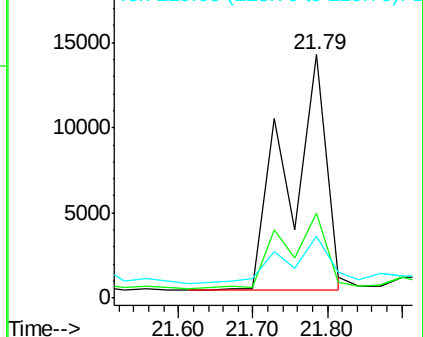
228 100

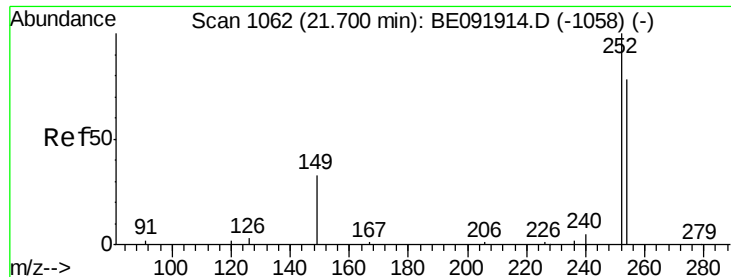
226 34.8 21.0 31.4#

229 25.2 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

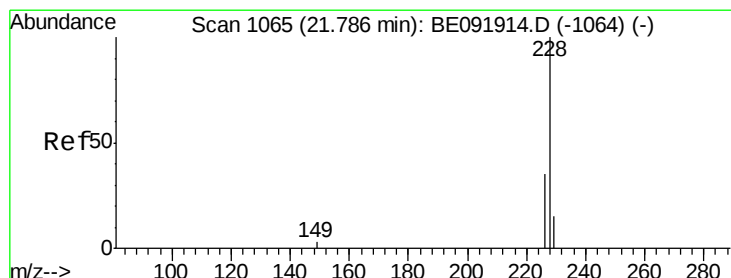
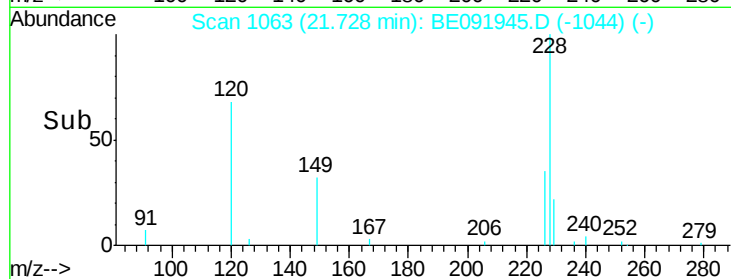
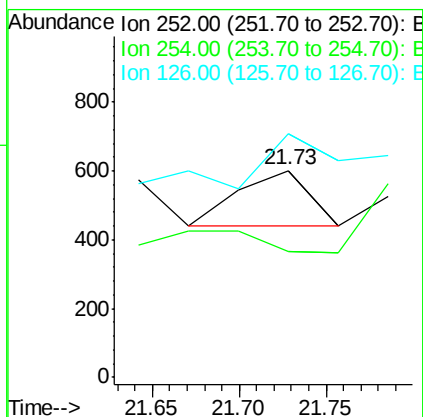
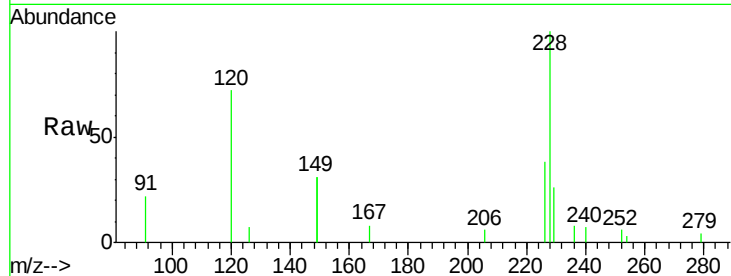




#36
 3,3'-Dichlorobenzidine
 Concen: 0.08 ng
 RT: 21.73 min Scan# 1063
 Delta R.T. 0.06 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

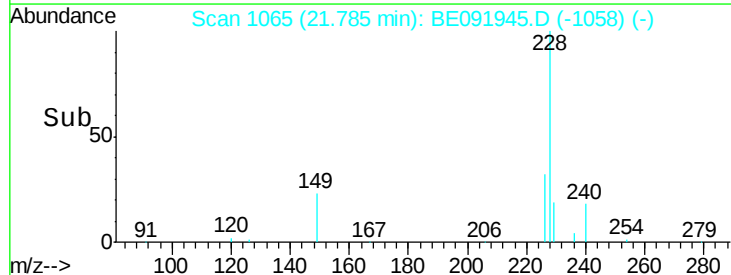
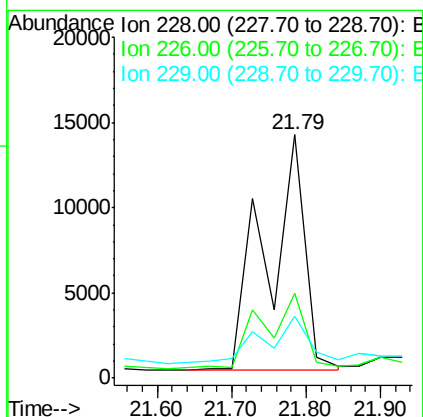
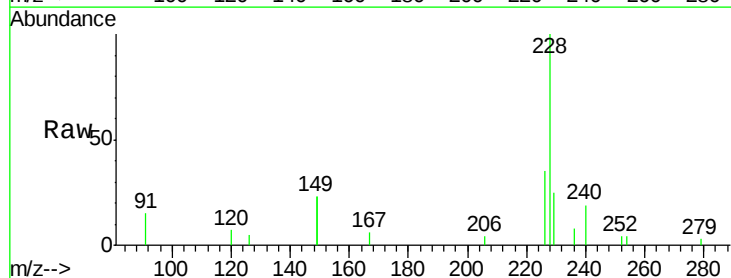
Instrument :
 BNA_E
 ClientSampled :

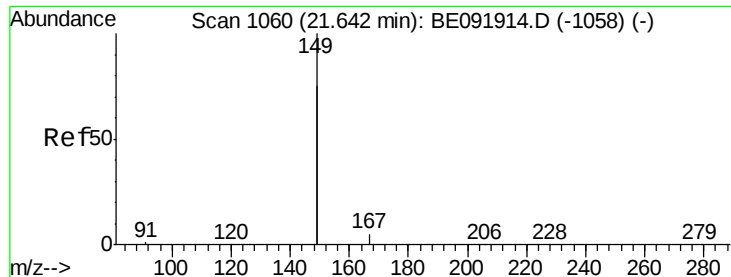
Tot Ion:252 Resp: 461
 Ion Ratio Lower Upper
 252 100
 254 60.6 61.5 92.3#
 126 117.6 2.5 3.7#



#37
 Chrysene
 Concen: 1.00 ng
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

Tgt Ion:228 Resp: 48854
 Ion Ratio Lower Upper
 228 100
 226 34.8 27.0 40.6
 229 25.2 13.8 20.8#

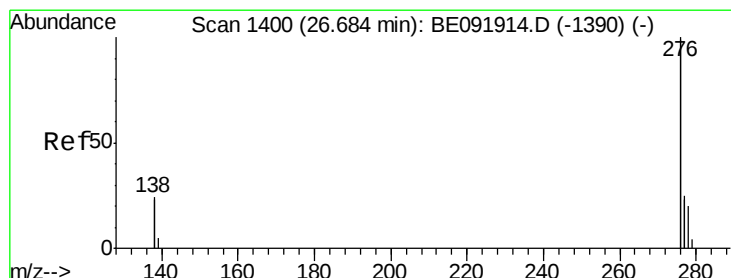
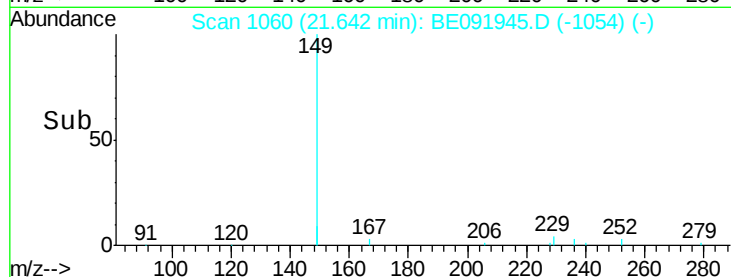
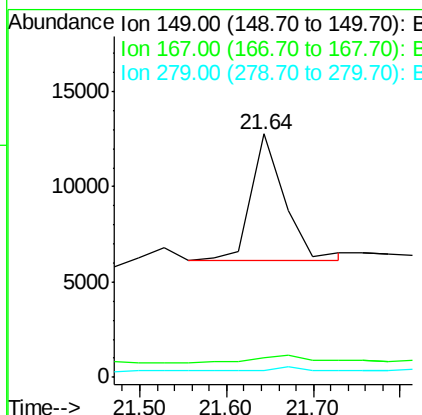
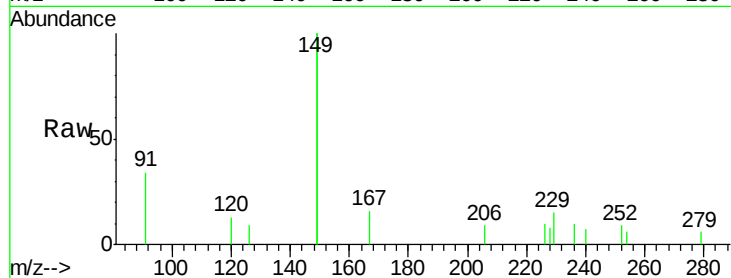




#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.87 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

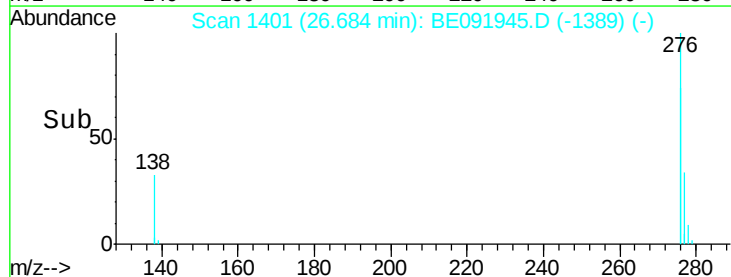
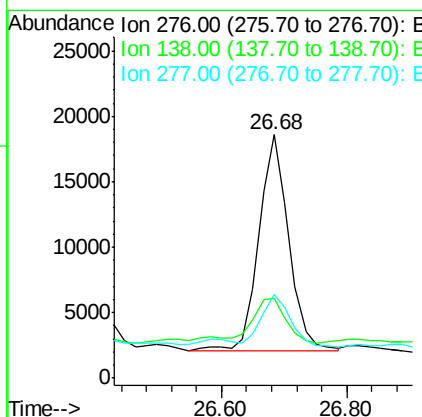
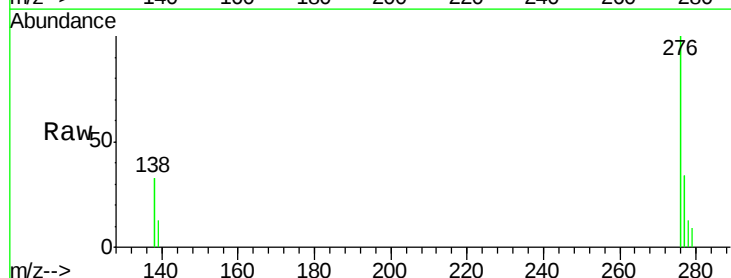
Instrument :
 BNA_E
 ClientSampleId :

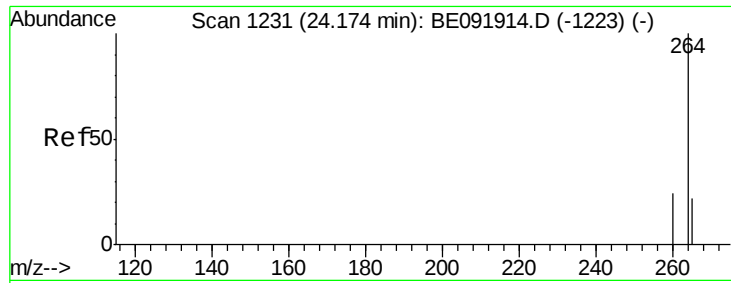
Tot Ion:149 Resp: 17671
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 279 0.0 0.0 0.0



#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.32 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091945.D
 Acq: 24 Jun 2016 14:12

Tgt Ion:276 Resp: 54486
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.7 29.5
 277 23.2 20.1 30.1

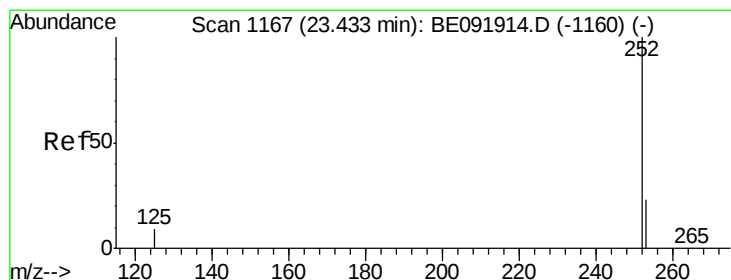
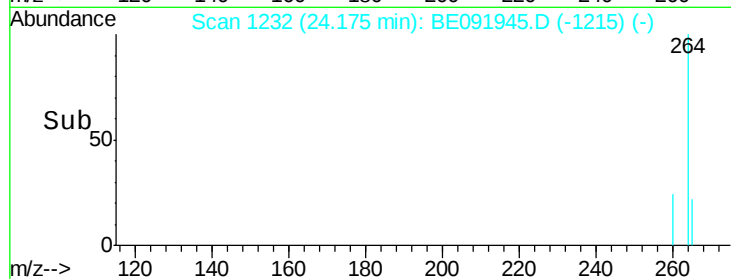
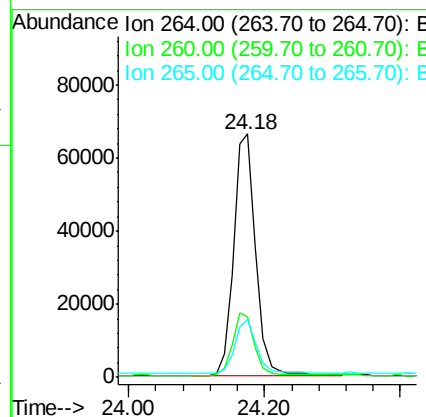
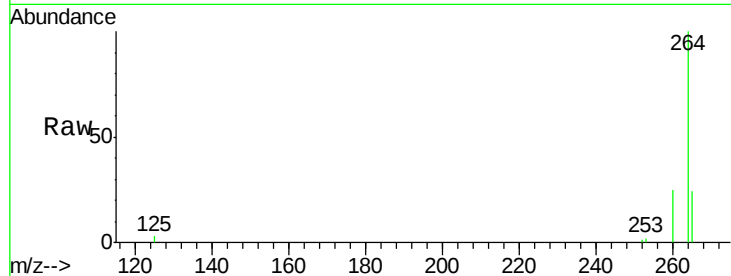




#40
Pervlene-d12
Concen: 5.00 ng
RT: 24.18 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091945.D
Acq: 24 Jun 2016 14:12

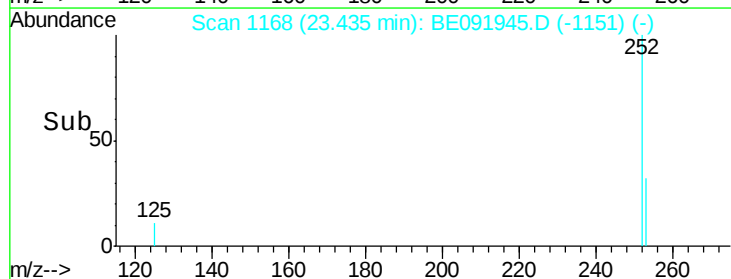
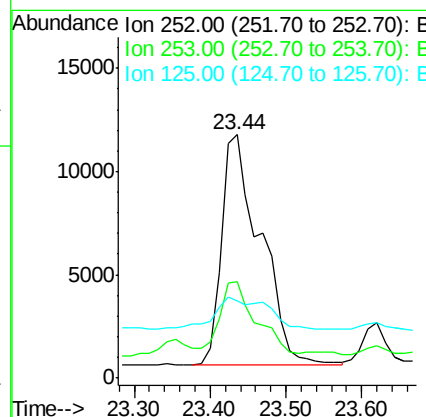
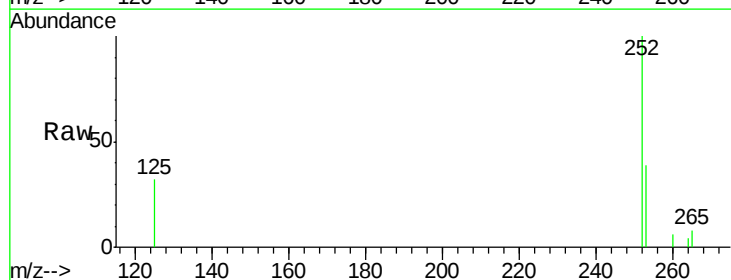
Instrument :
BNA_E
ClientSampleId :

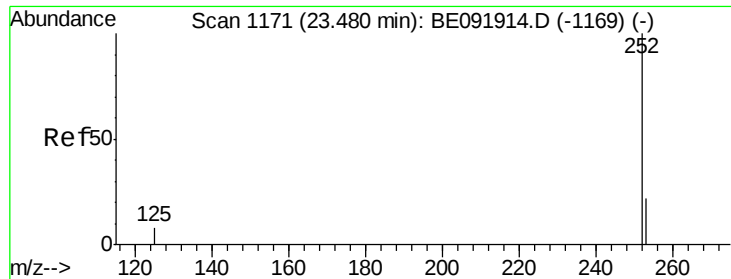
Tot Ion:264 Resp: 150463
Ion Ratio Lower Upper
264 100
260 24.7 20.3 30.5
265 23.9 17.6 26.4



#41
Benzo(b)fluoranthene
Concen: 1.03 ng
RT: 23.44 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE091945.D
Acq: 24 Jun 2016 14:12

Tgt Ion:252 Resp: 39822
Ion Ratio Lower Upper
252 100
253 39.4 17.8 26.6#
125 31.8 9.4 14.2#





#42

Benzo(k)fluoranthene

Concen: 1.13 ng

RT: 23.44 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

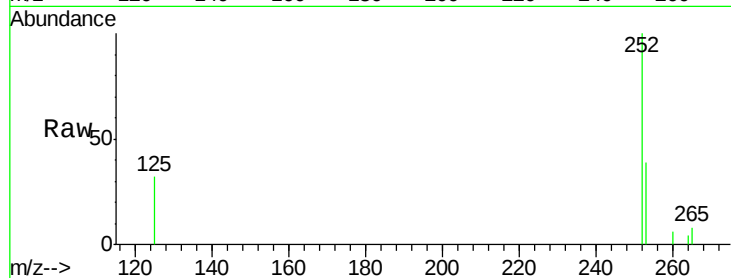
Tot Ion:252 Resp: 39822

Ion Ratio Lower Upper

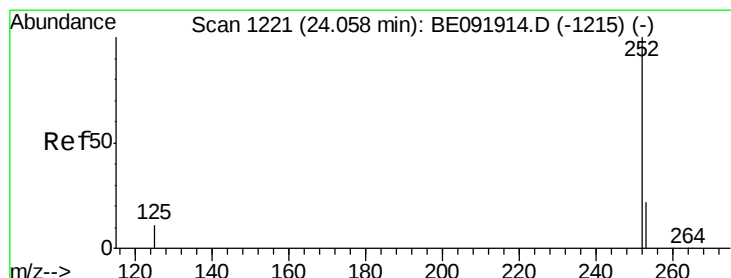
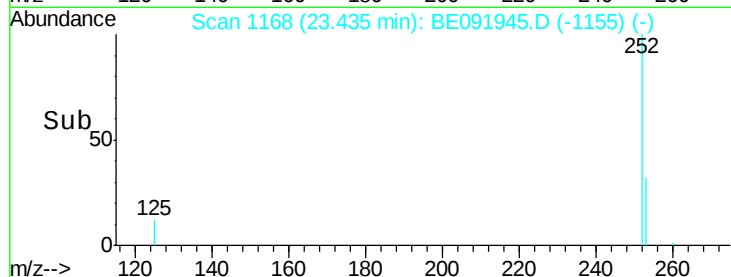
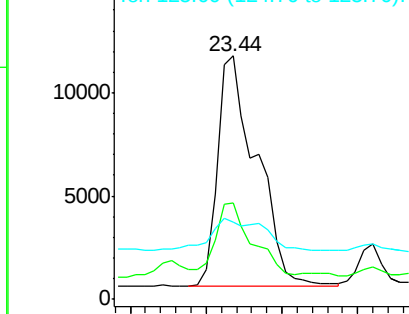
252 100

253 39.4 19.4 29.2#

125 31.8 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#43

Benzo(a)pyrene

Concen: 0.56 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

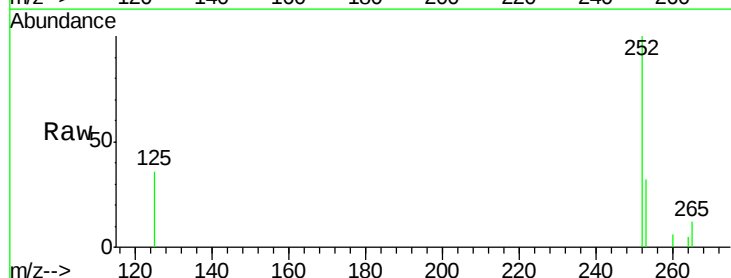
Tgt Ion:252 Resp: 19012

Ion Ratio Lower Upper

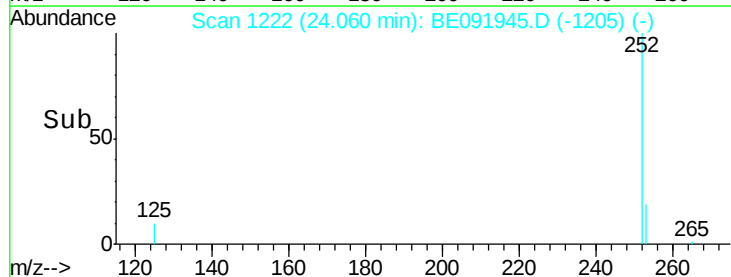
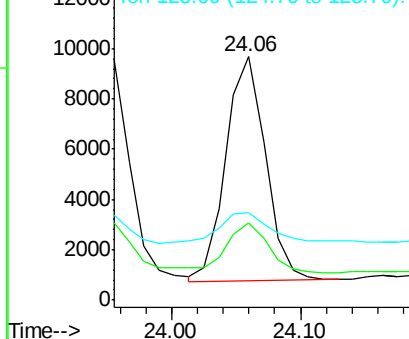
252 100

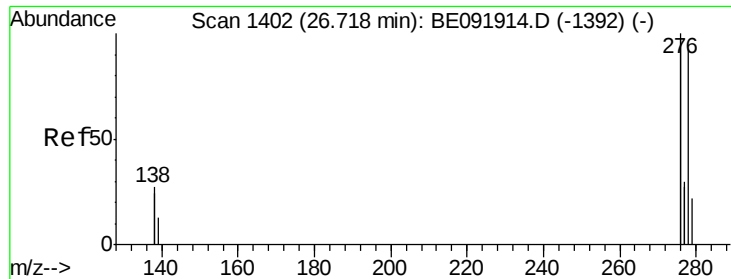
253 31.9 18.9 28.3#

125 35.7 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: 0.10 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

Instrument :

BNA_E

ClientSampleId :

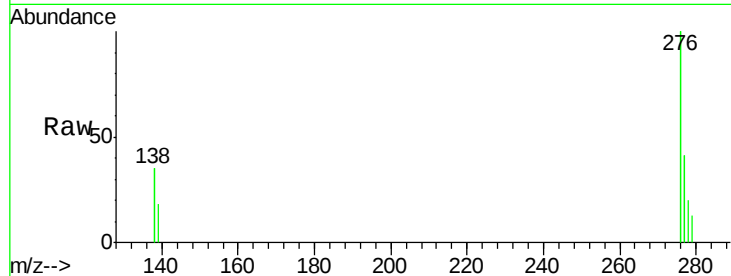
Tot Ion:278 Resp: 3413

Ion Ratio Lower Upper

278 100

139 88.5 12.6 18.8#

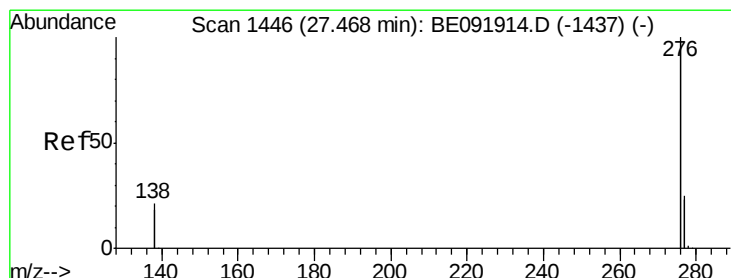
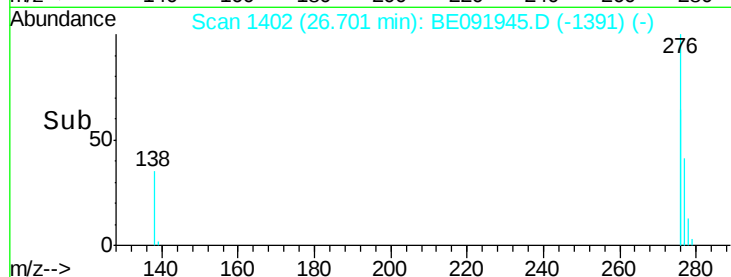
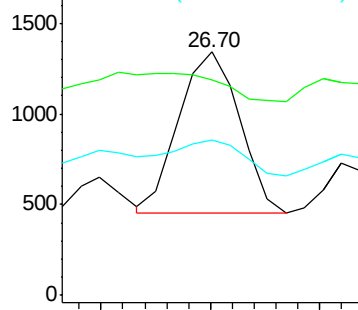
279 63.9 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#45

Benzo(g,h,i)perylene

Concen: 0.48 ng

RT: 27.47 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BE091945.D

Acq: 24 Jun 2016 14:12

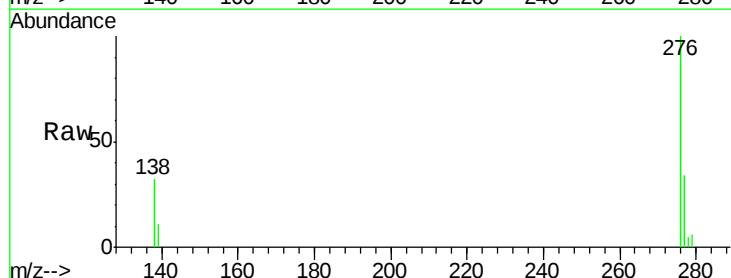
Tgt Ion:276 Resp: 65538

Ion Ratio Lower Upper

276 100

277 33.7 19.5 29.3#

138 31.8 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

