

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
 Data File : BE091852.D
 Acq On : 23 May 2016 18:06
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 24 02:21:59 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	24116	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	130169	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	87025	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	251790	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	275132	5.00	ng	-0.02
35) Perylene-d12	23.73	264	230505	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2504	0.40	ng	0.00
5) Phenol-d6	6.96	99	3524	0.40	ng	0.00
8) Nitrobenzene-d5	8.93	82	3507	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	1256	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9539	0.39	ng	-0.01
29) Terphenyl-d14	19.74	244	17111	0.44	ng	-0.02

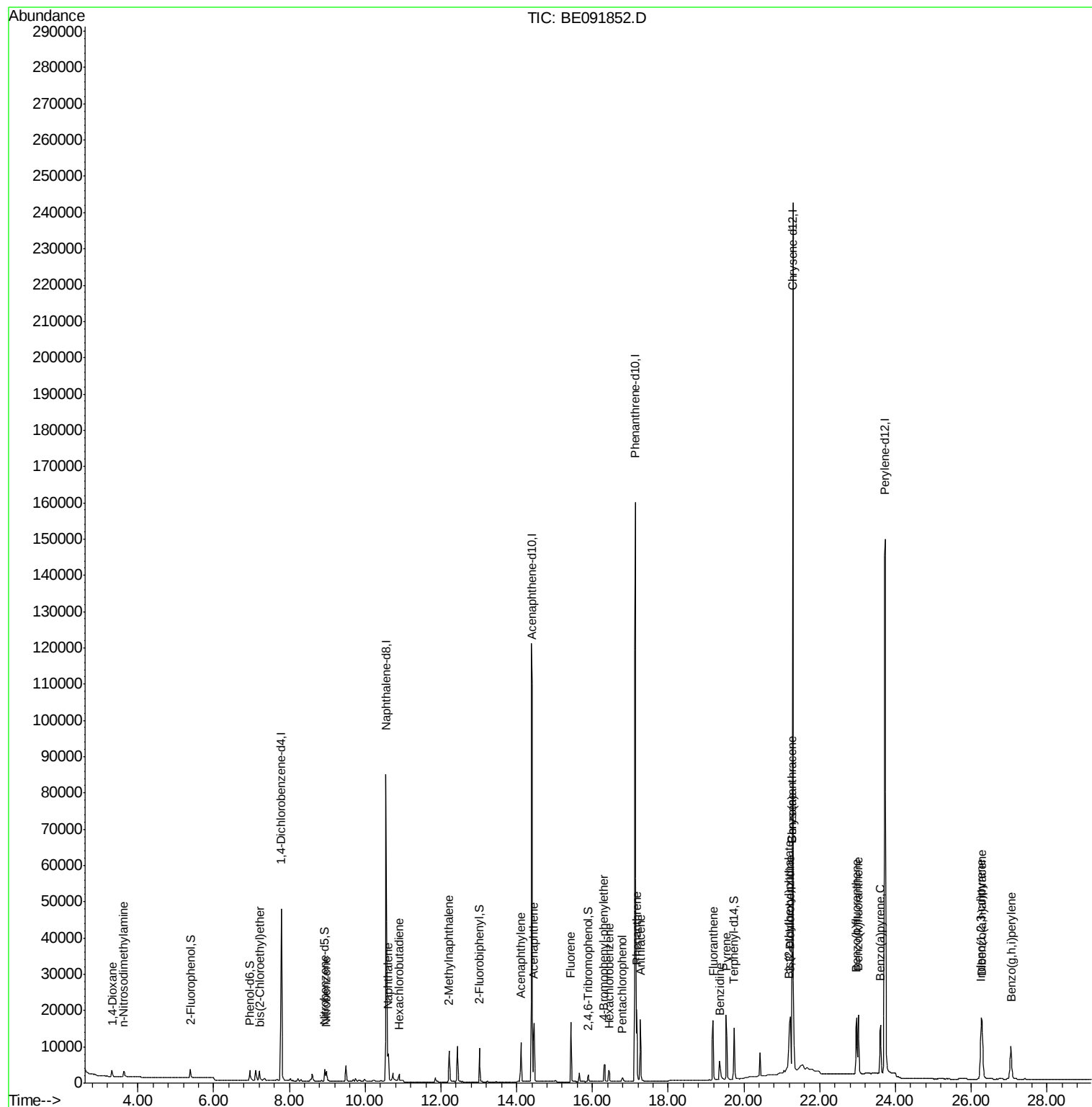
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1171	0.42	ng	# 95
3) n-Nitrosodimethylamine	3.63	42	1433	0.37	ng	94
6) bis(2-Chloroethyl)ether	7.21	93	2826	0.40	ng	# 79
9) Nitrobenzene	8.98	77	3502	0.39	ng	93
10) Naphthalene	10.61	128	10853	0.38	ng	97
11) Hexachlorobutadiene	10.90	225	2365	0.55	ng	88
12) 2-Methylnaphthalene	12.21	142	7442	0.38	ng	94
16) Acenaphthylene	14.11	152	15650	0.40	ng	# 75
17) Acenaphthene	14.46	154	8715	0.37	ng	87
18) Fluorene	15.43	166	11393	0.38	ng	98
20) 4-Bromophenyl-phenylether	16.31	248	3454	0.37	ng	92
21) Hexachlorobenzene	16.45	284	3462	0.35	ng	98
22) Pentachlorophenol	16.79	266	958	0.24	ng	95
23) Phenanthrene	17.17	178	20157	0.31	ng	99
24) Anthracene	17.26	178	19210	0.35	ng	99
25) Fluoranthene	19.19	202	22262	0.33	ng	97
27) Benzidine	19.36	184	10587	0.66	ng	# 80
28) Pyrene	19.53	202	23474	0.39	ng	99
30) Benzo(a)anthracene	21.27	228	49538	0.75	ng	97
31) 3,3'-Dichlorobenzidine	21.22	252	15419	0.37	ng	# 81
32) Chrysene	21.27	228	49748	0.91	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	28169	0.95	ng	# 75
34) Indeno(1,2,3-cd)pyrene	26.26	276	25865	0.38	ng	95
36) Benzo(b)fluoranthene	22.97	252	24347	0.42	ng	95
37) Benzo(k)fluoranthene	23.02	252	21875	0.37	ng	96
38) Benzo(a)pyrene	23.61	252	22371	0.41	ng	94
39) Dibenzo(a,h)anthracene	26.28	278	21651	0.40	ng	98
40) Benzo(g,h,i)perylene	27.05	276	22072	0.40	ng	95

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

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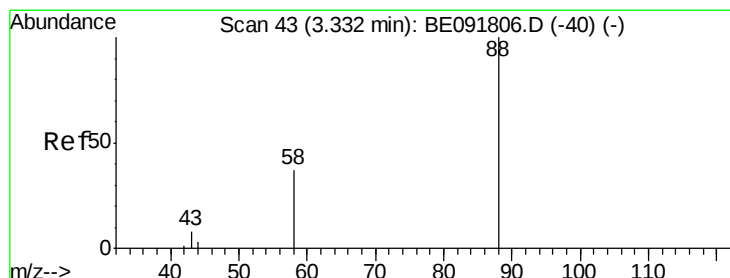
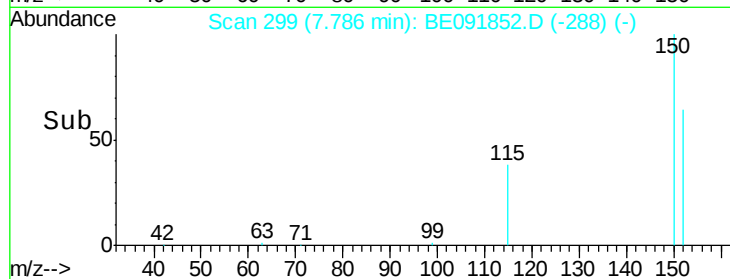
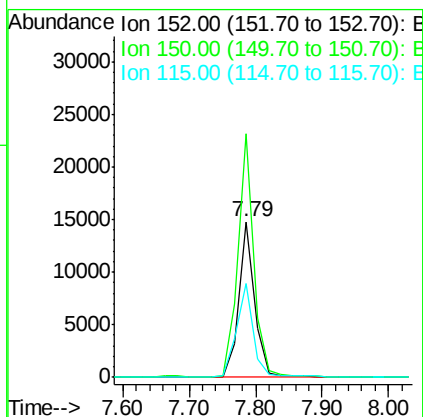
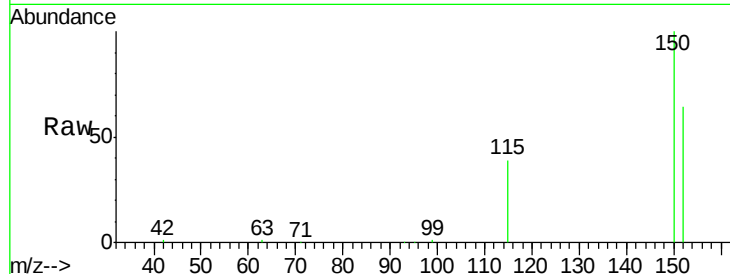




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.79 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

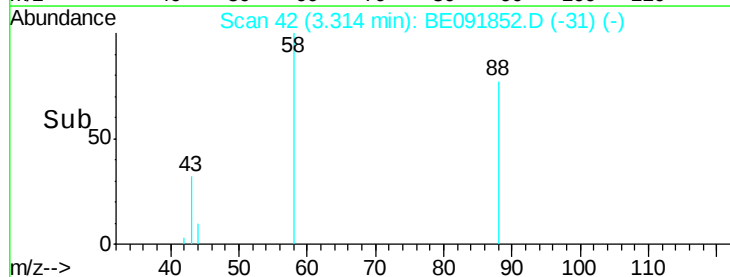
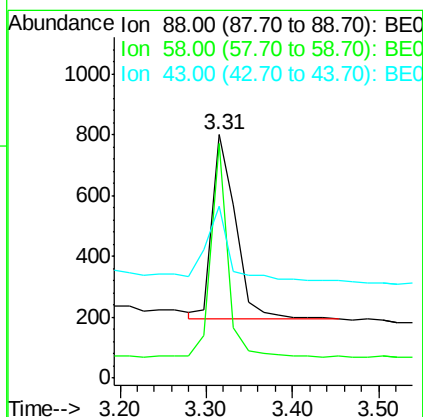
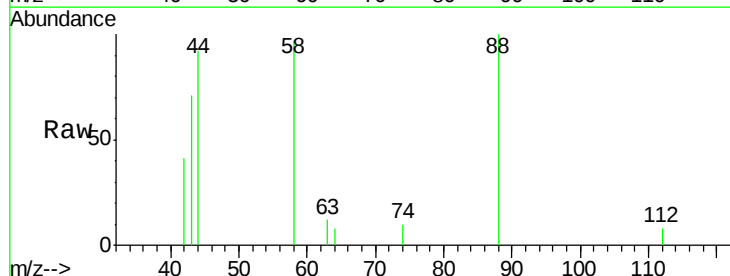
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

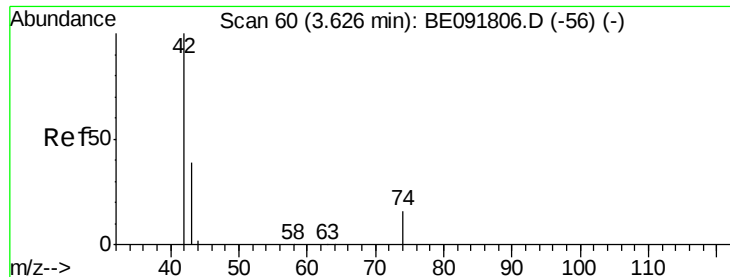
Tgt Ion: 152 Resp: 24116
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.6 183.8
 115 60.4 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.42 ng
 RT: 3.31 min Scan# 42
 Delta R.T. -0.02 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

Tgt Ion: 88 Resp: 1171
 Ion Ratio Lower Upper
 88 100
 58 80.6 65.8 98.6
 43 38.9 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

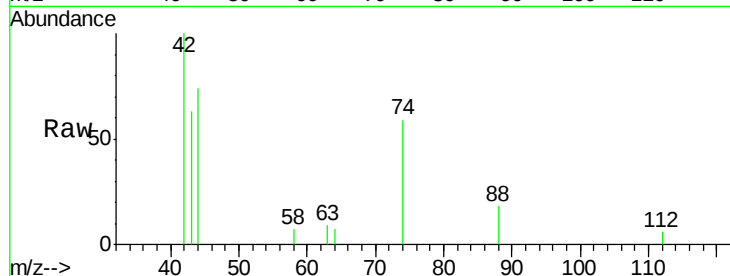
Tgt Ion: 42 Resp: 1433

Ion Ratio Lower Upper

42 100

74 116.1 87.9 131.9

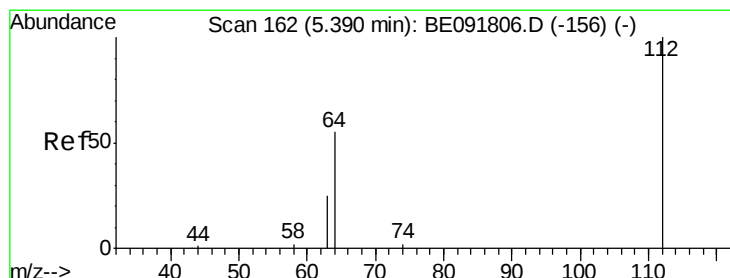
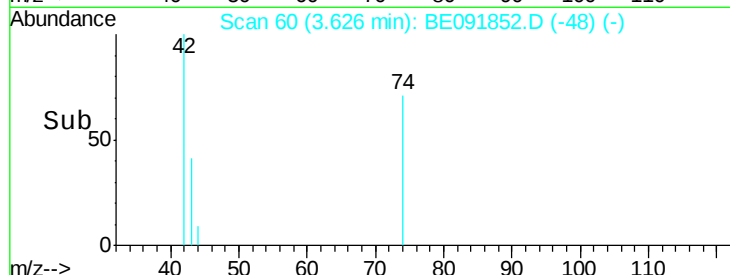
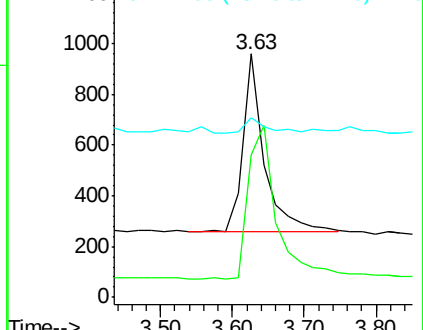
44 9.6 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

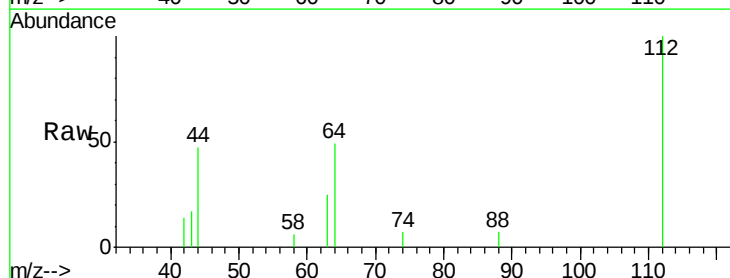
Tgt Ion: 112 Resp: 2504

Ion Ratio Lower Upper

112 100

64 67.3 30.9 46.3#

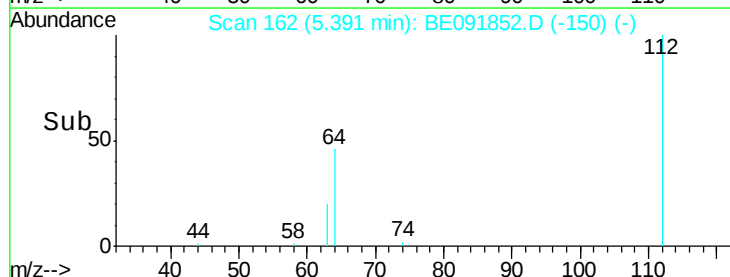
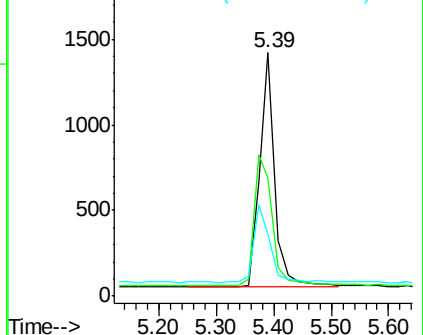
63 36.0 16.7 25.1#

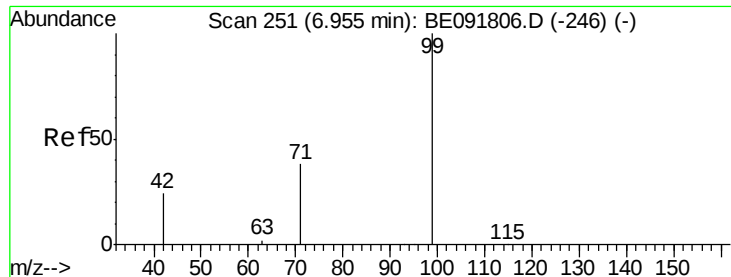


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.40 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

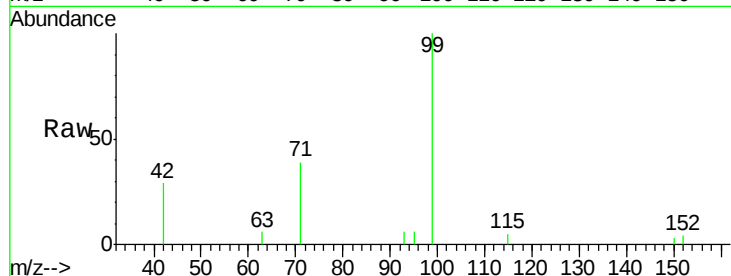
Tgt Ion: 99 Resp: 3524

Ion Ratio Lower Upper

99 100

42 25.0 16.2 24.2#

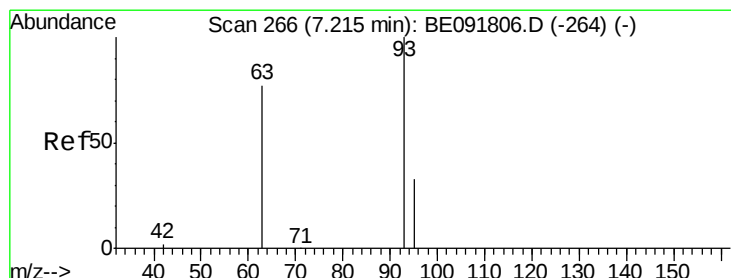
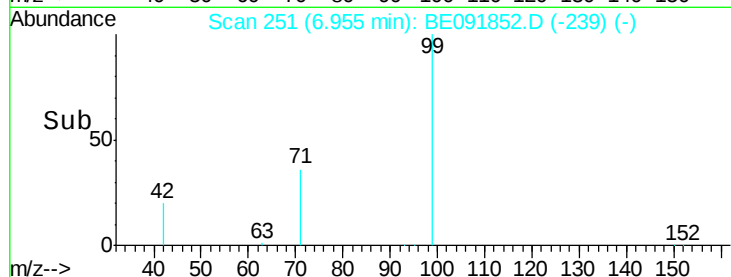
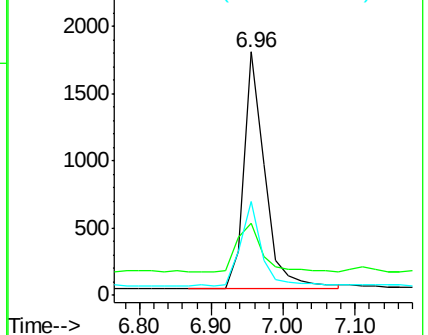
71 36.4 29.0 43.4



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: 0.40 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

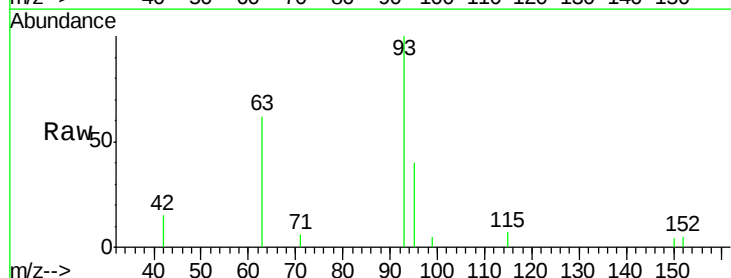
Tgt Ion: 93 Resp: 2826

Ion Ratio Lower Upper

93 100

63 82.9 49.5 74.3#

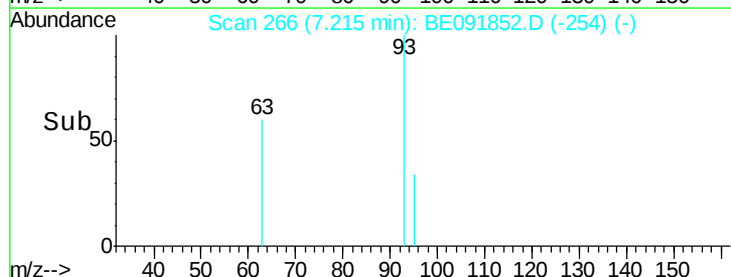
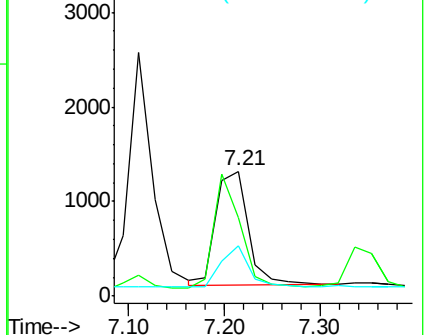
95 32.0 22.2 33.4

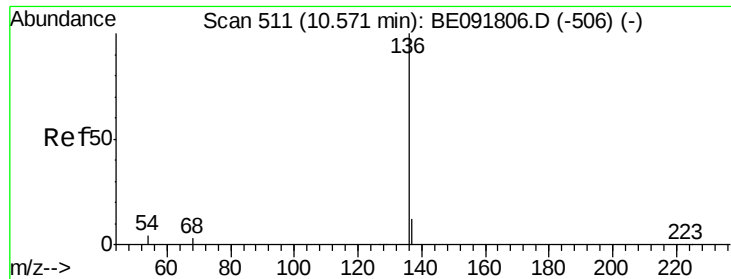


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

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Tgt Ion: 136 Resp: 130169

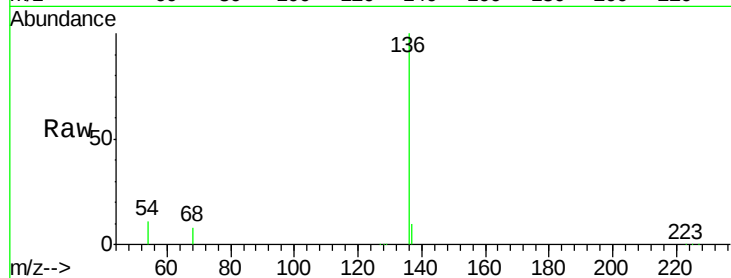
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 10.6 8.2 12.4

68 7.7 6.2 9.4

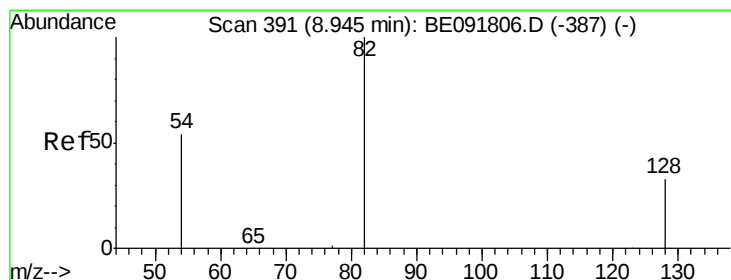
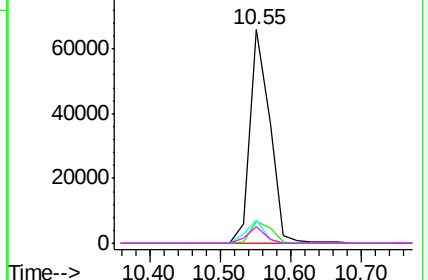
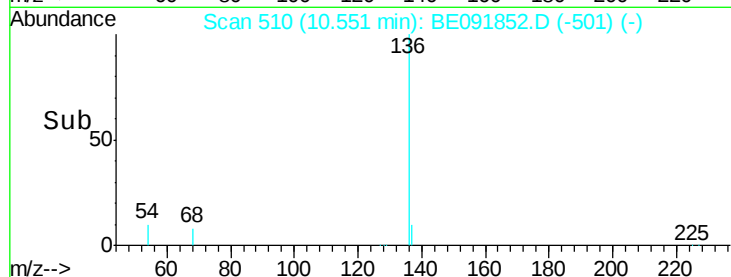


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.41 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

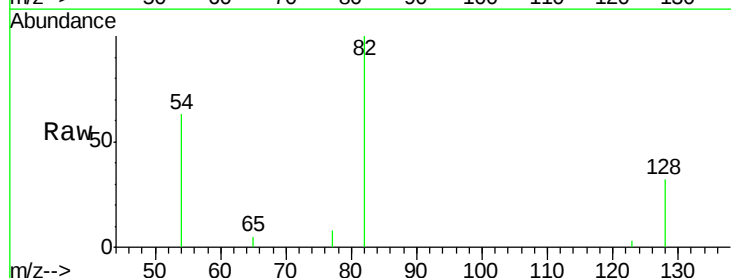
Tgt Ion: 82 Resp: 3507

Ion Ratio Lower Upper

82 100

128 32.2 25.4 38.0

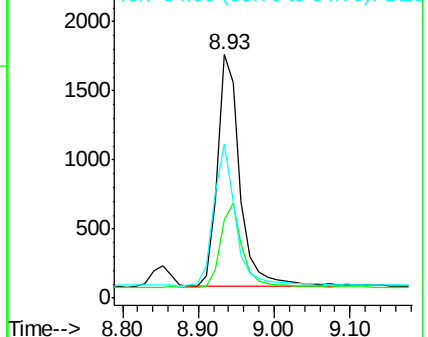
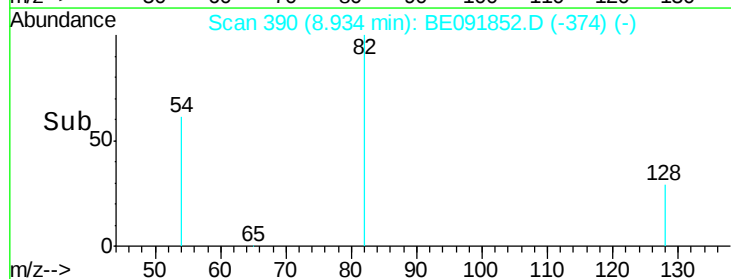
54 63.3 48.4 72.6

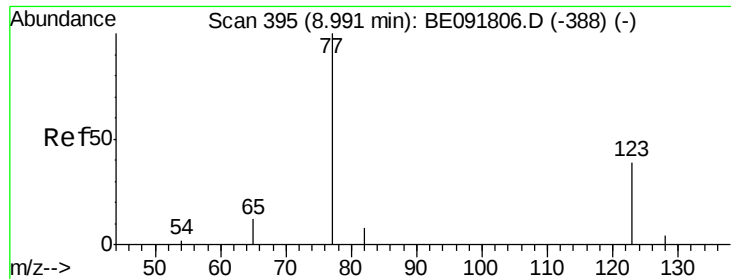


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.39 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091852.D

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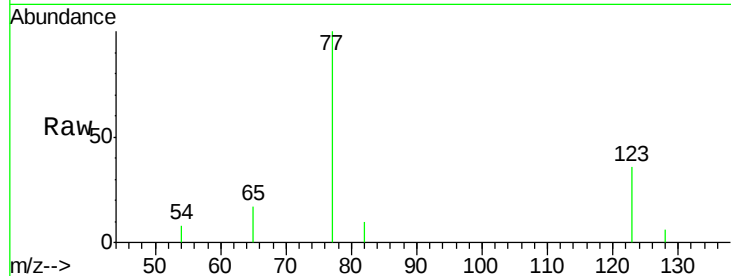
Tgt Ion: 77 Resp: 3502

Ion Ratio Lower Upper

77 100

123 37.7 26.9 40.3

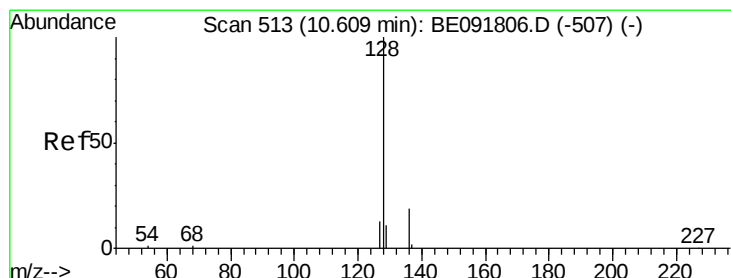
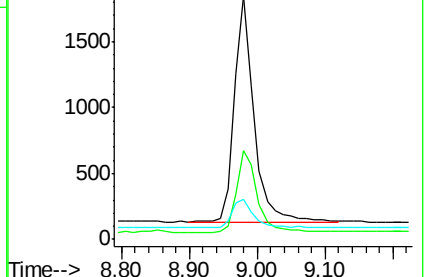
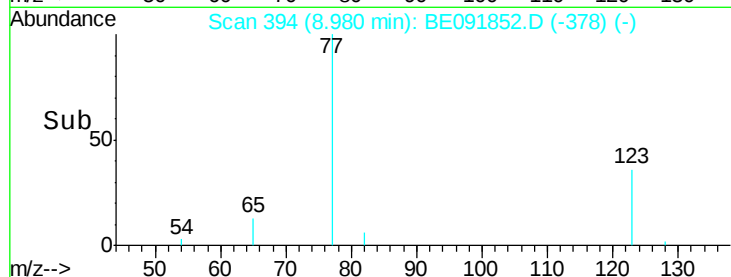
65 13.8 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.38 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

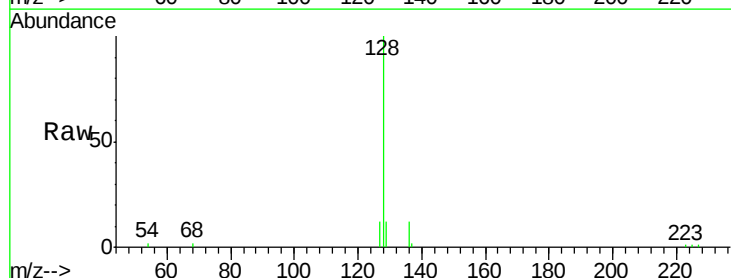
Tgt Ion: 128 Resp: 10853

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

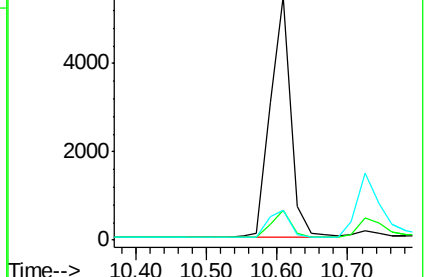
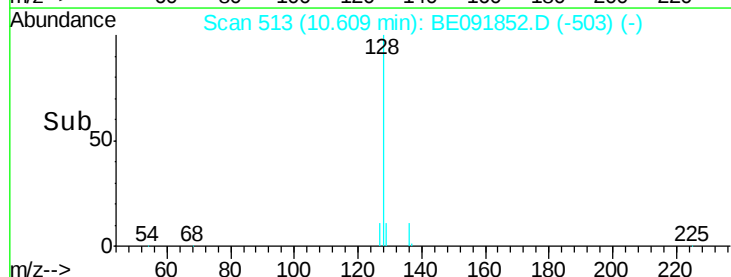
127 12.2 10.7 16.1

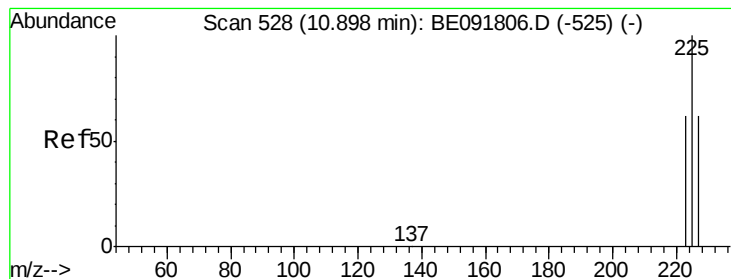


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)





#11

Hexachlorobutadiene

Concen: 0.55 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

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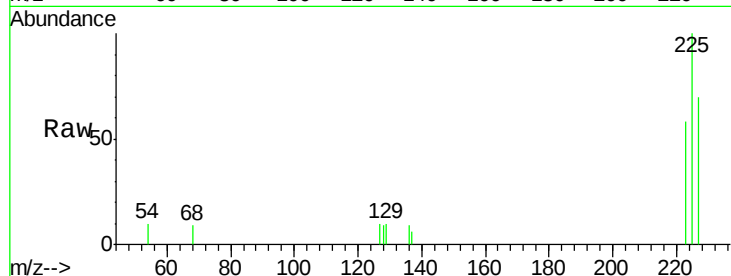
Tgt Ion: 225 Resp: 2365

Ion Ratio Lower Upper

225 100

223 73.0 49.0 73.6

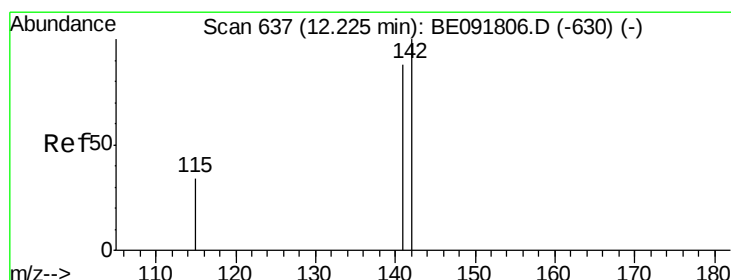
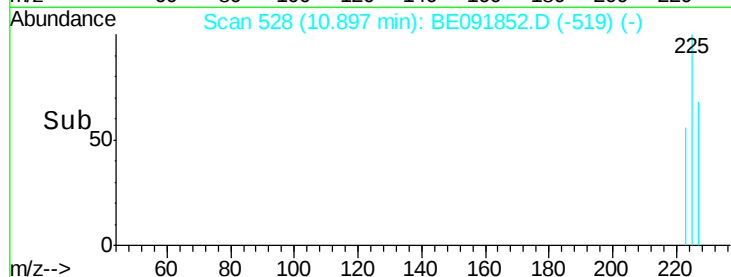
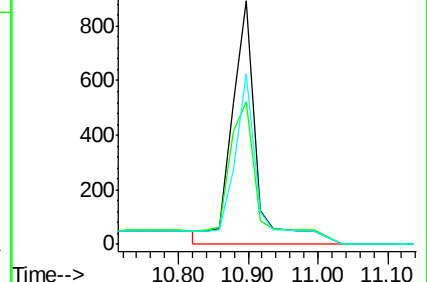
227 69.8 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.21 min Scan# 636

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

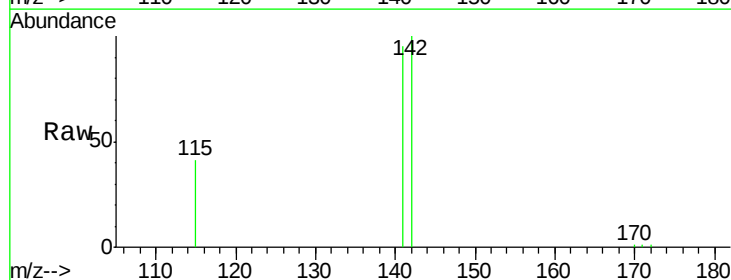
Tgt Ion: 142 Resp: 7442

Ion Ratio Lower Upper

142 100

141 94.6 71.4 107.0

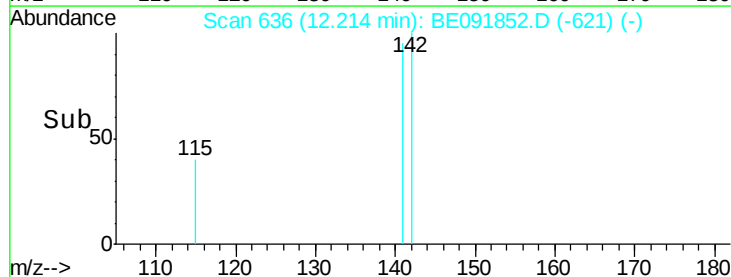
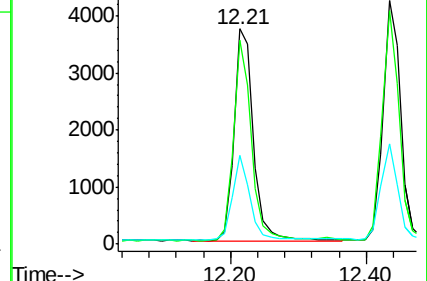
115 41.1 30.3 45.5

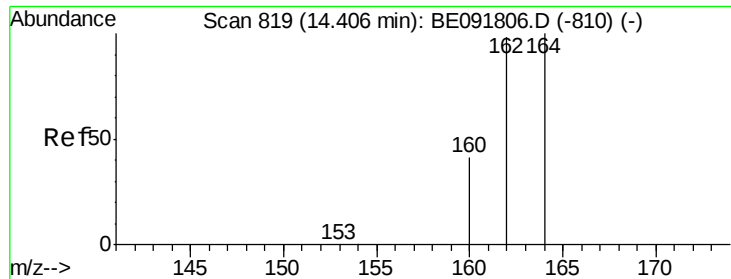


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091852.D

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Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

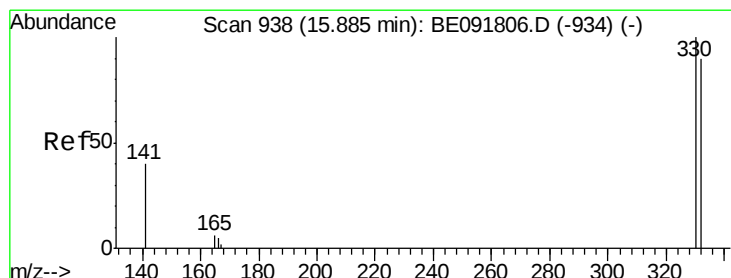
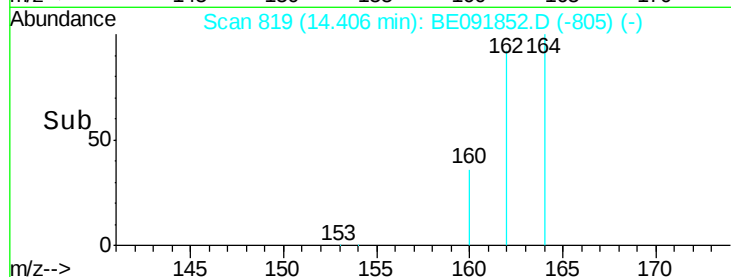
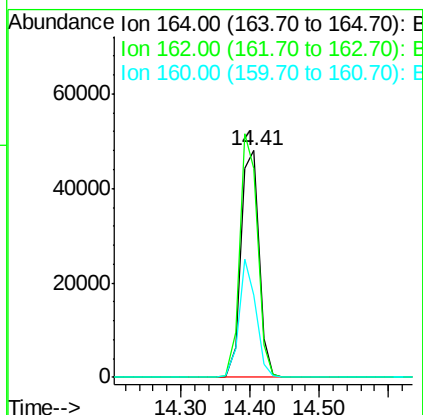
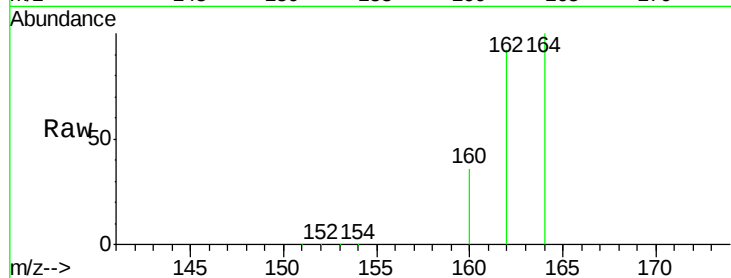
Tgt Ion:164 Resp: 87025

Ion Ratio Lower Upper

164 100

162 92.3 85.3 127.9

160 36.5 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.37 ng

RT: 15.89 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

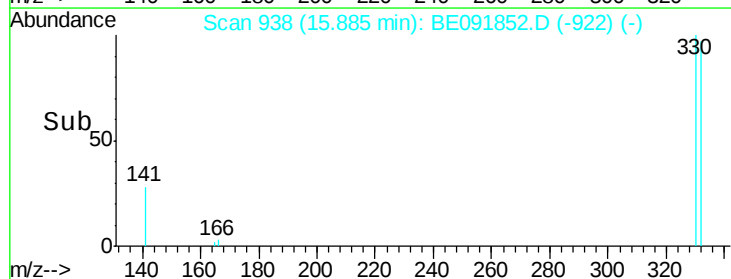
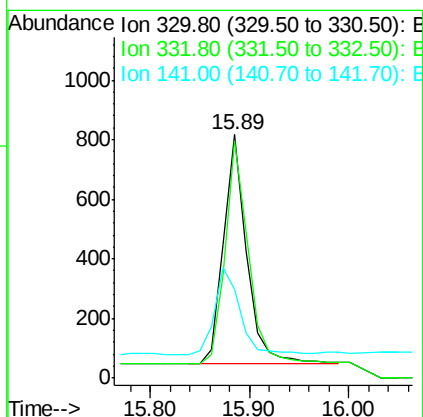
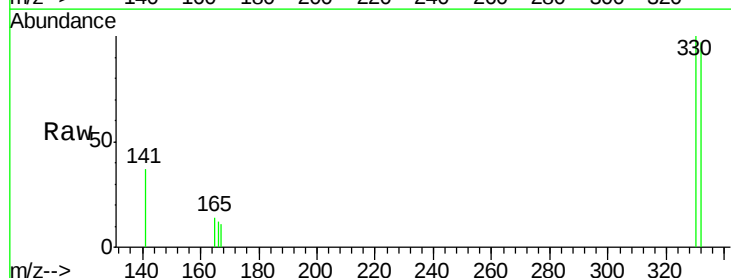
Tgt Ion:330 Resp: 1256

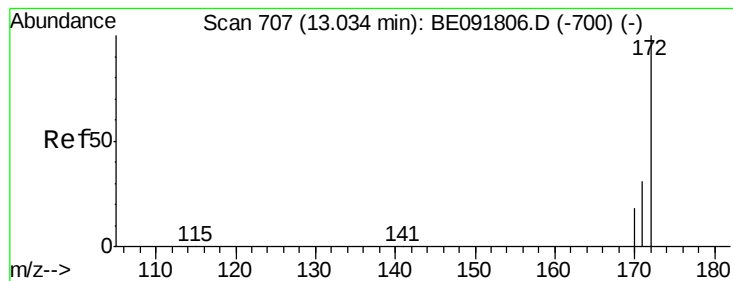
Ion Ratio Lower Upper

330 100

332 97.5 79.1 118.7

141 42.5 125.4 188.0#

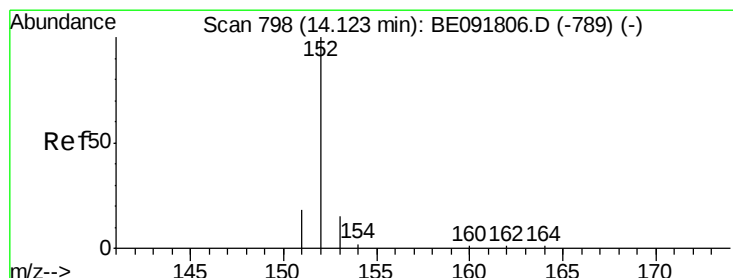
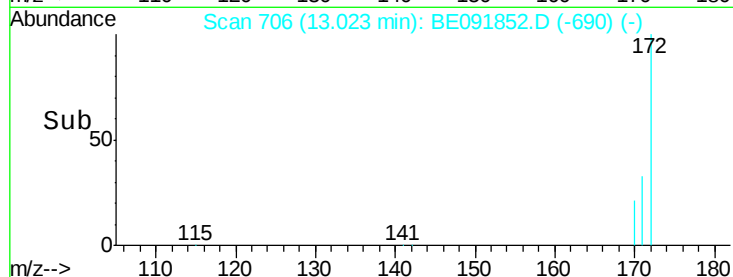
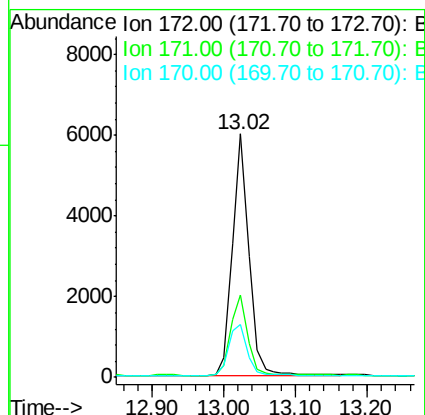
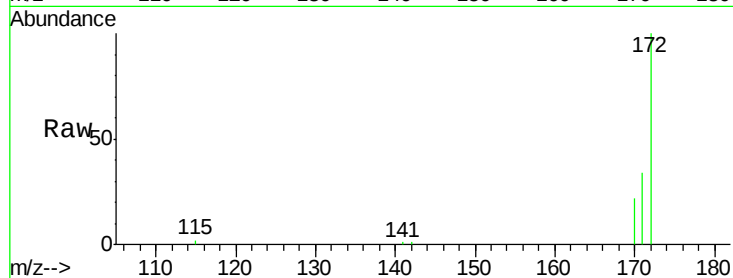




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

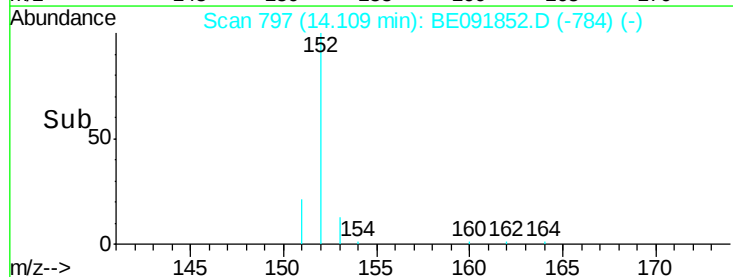
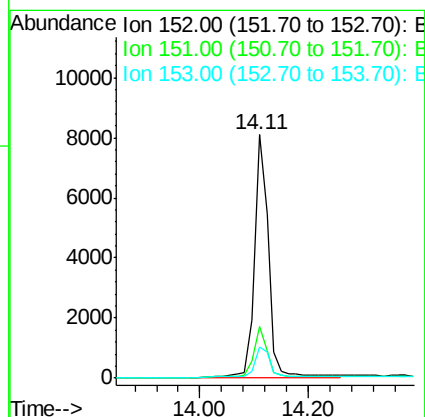
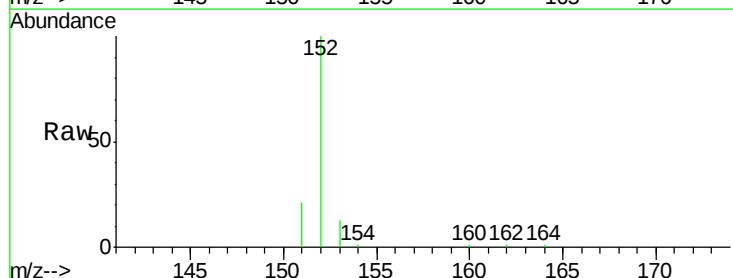
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

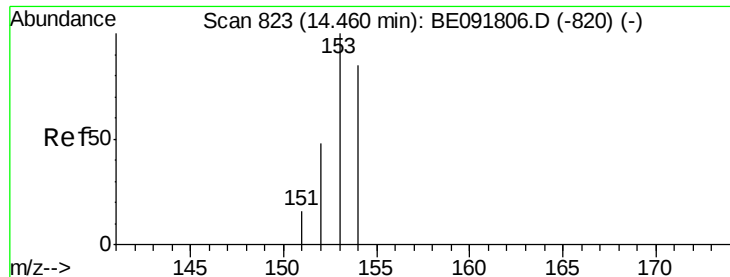
Tgt Ion:172 Resp: 9539
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 21.9 19.3 28.9



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.11 min Scan# 797
Delta R.T. -0.01 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

Tgt Ion:152 Resp: 15650
Ion Ratio Lower Upper
152 100
151 23.5 3.9 5.9#
153 18.1 10.3 15.5#

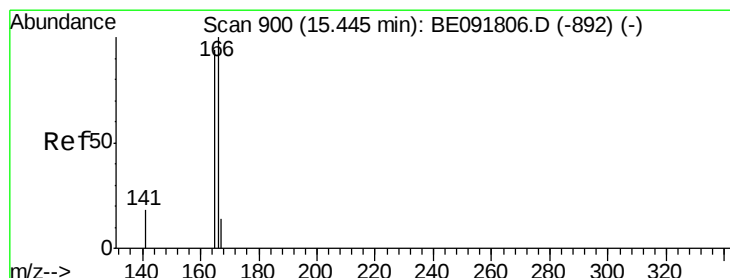
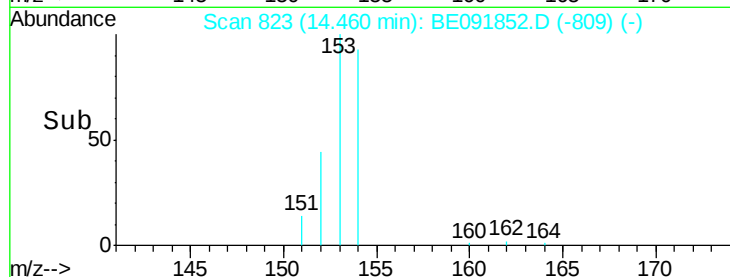
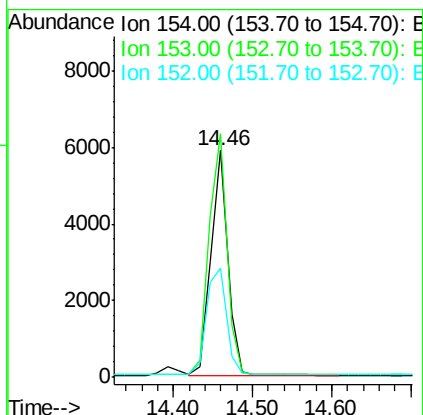
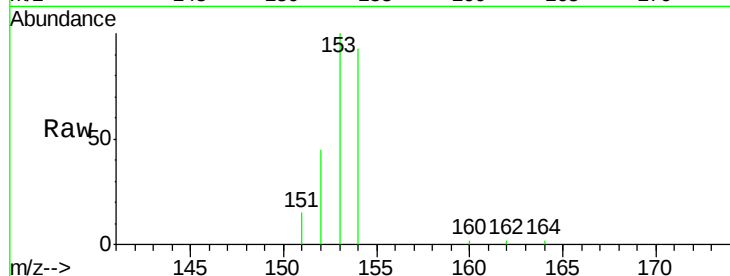




#17
Acenaphthene
Concen: 0.37 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

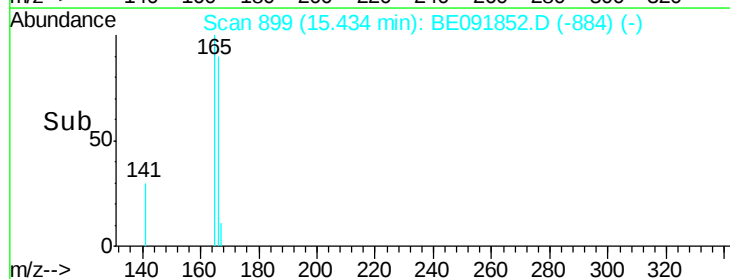
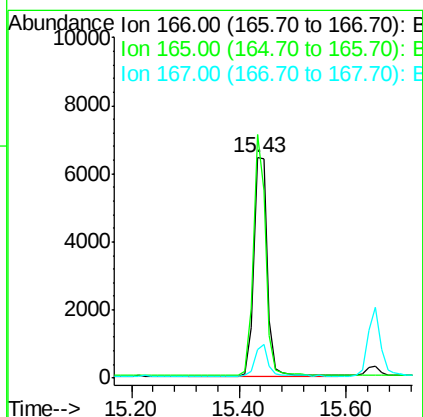
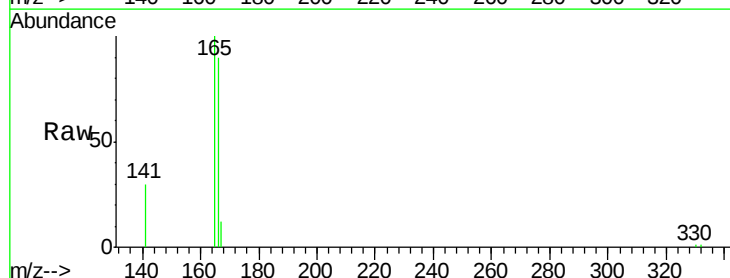
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

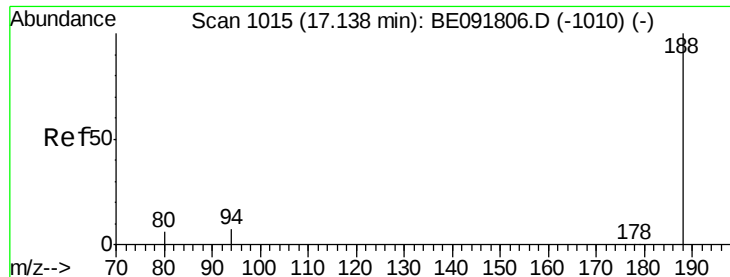
Tgt Ion:154 Resp: 8715
Ion Ratio Lower Upper
154 100
153 114.2 80.0 120.0
152 56.6 40.0 60.0



#18
Fluorene
Concen: 0.38 ng
RT: 15.43 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

Tgt Ion:166 Resp: 11393
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 13.6 10.9 16.3

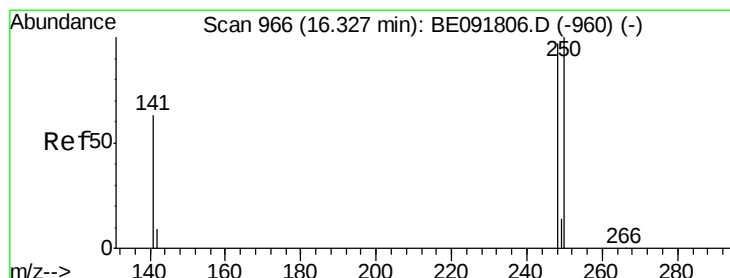
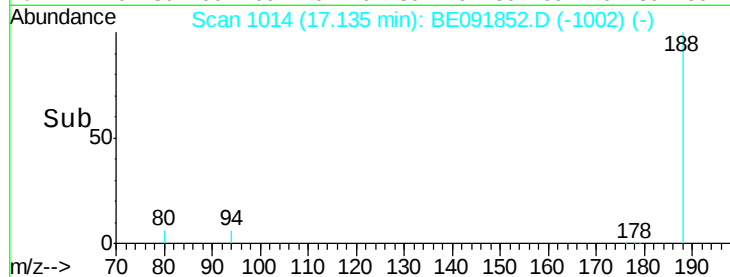
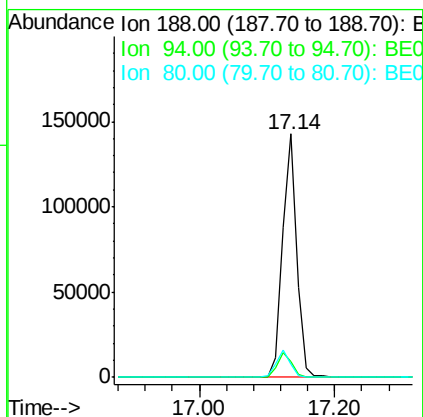
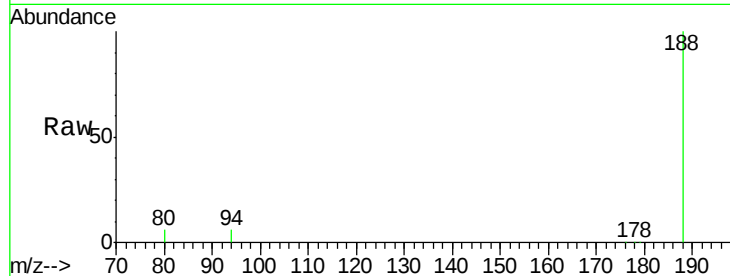




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

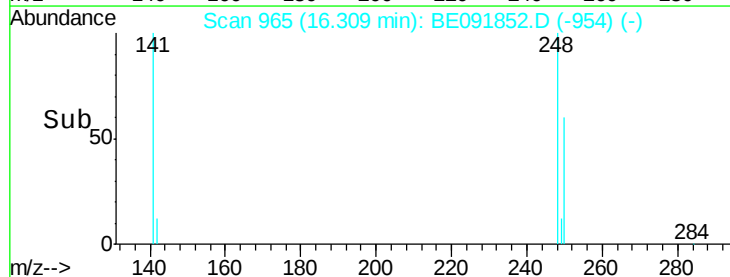
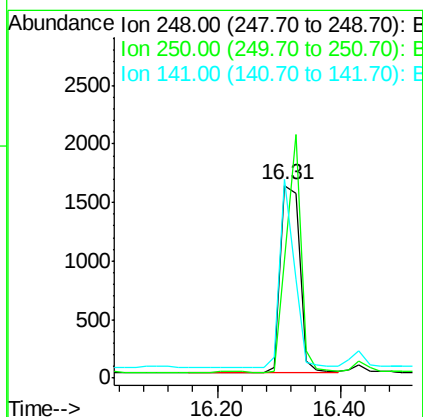
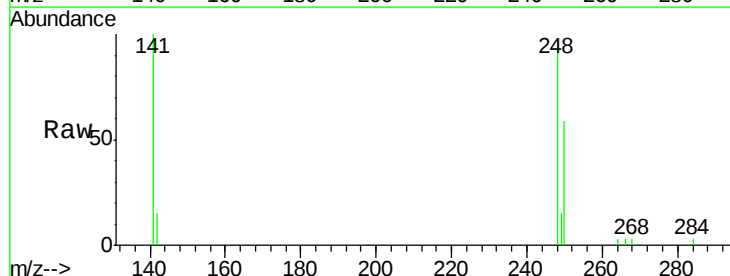
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

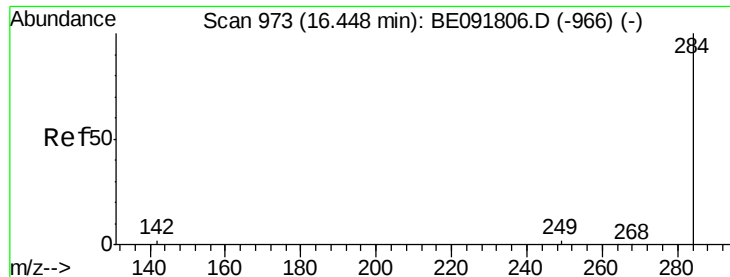
Tgt Ion:188 Resp: 251790
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 5.5 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.31 min Scan# 965
Delta R.T. -0.02 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

Tgt Ion:248 Resp: 3454
Ion Ratio Lower Upper
248 100
250 96.7 80.5 120.7
141 77.9 72.0 108.0

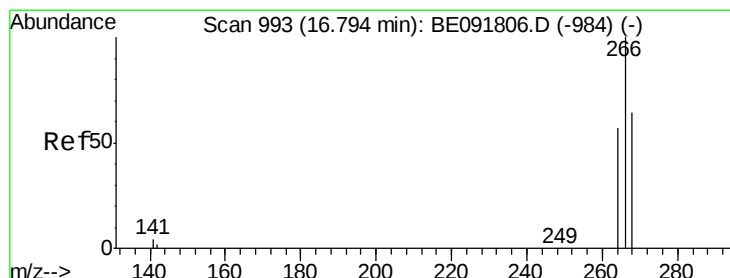
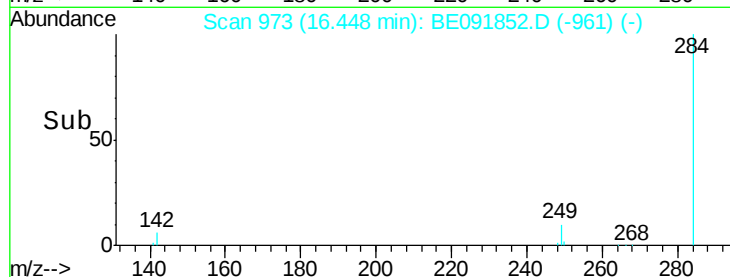
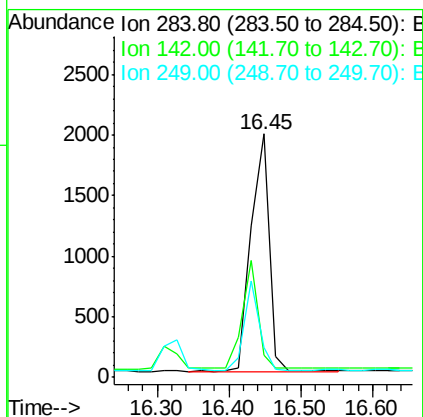
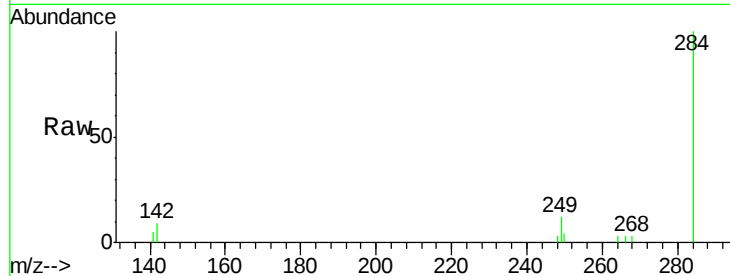




#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

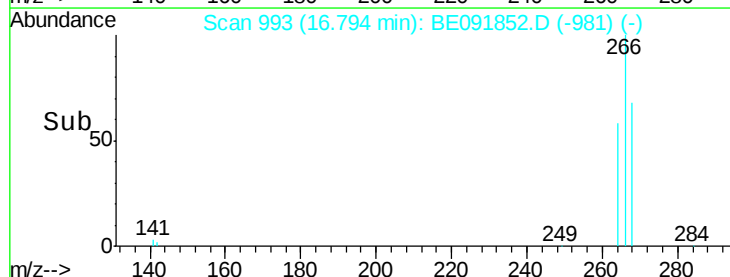
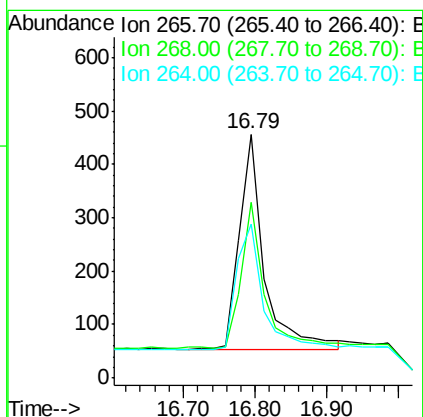
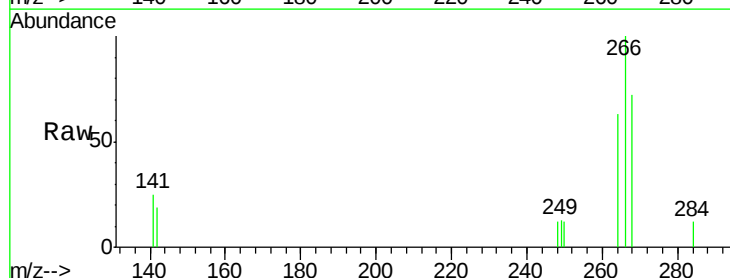
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3462
Ion Ratio Lower Upper
284 100
142 37.9 32.2 48.2
249 31.3 25.4 38.2



#22
Pentachlorophenol
Concen: 0.24 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091852.D
Acq: 23 May 2016 18:06

Tgt Ion:266 Resp: 958
Ion Ratio Lower Upper
266 100
268 72.4 58.2 87.2
264 62.9 56.2 84.4





#23

Phenanthrene

Concen: 0.31 ng

RT: 17.17 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

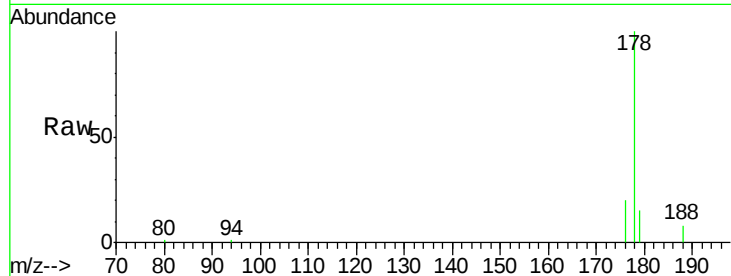
Tgt Ion:178 Resp: 20157

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

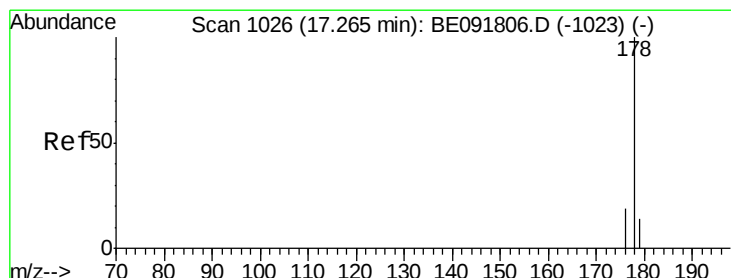
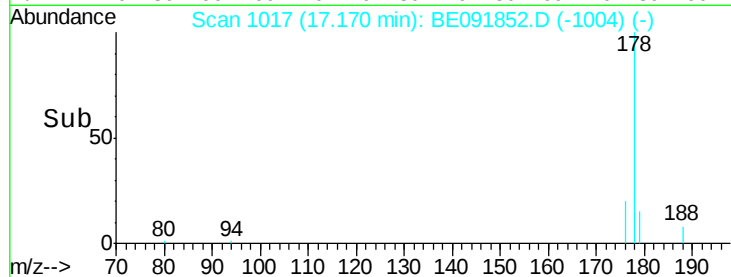
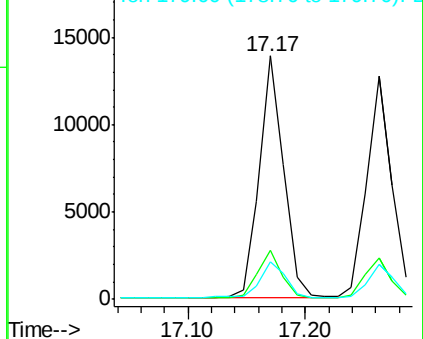
179 16.1 12.6 18.8



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



#24

Anthracene

Concen: 0.35 ng

RT: 17.26 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

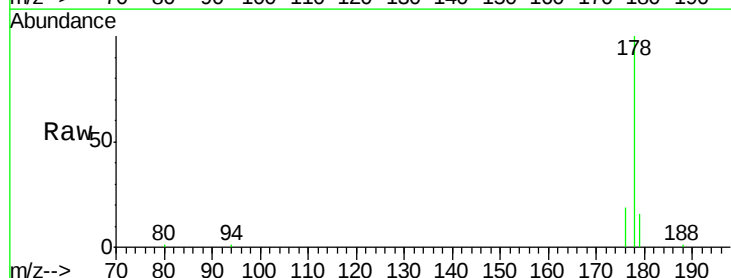
Tgt Ion:178 Resp: 19210

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

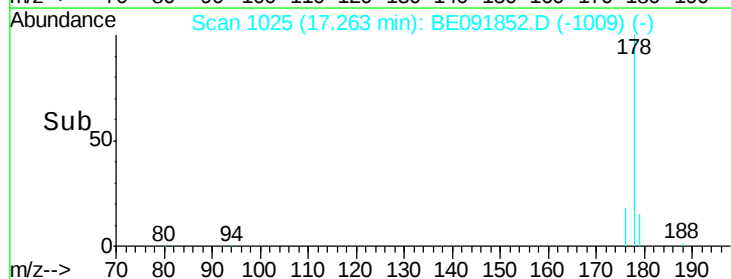
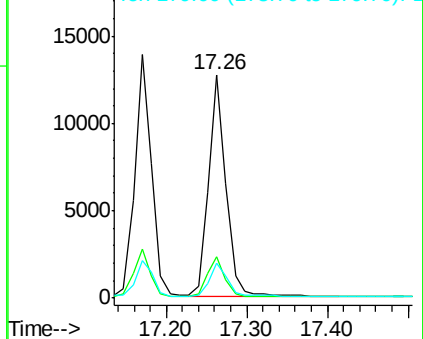
179 15.6 11.8 17.6



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





#25

Fluoranthene

Concen: 0.33 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

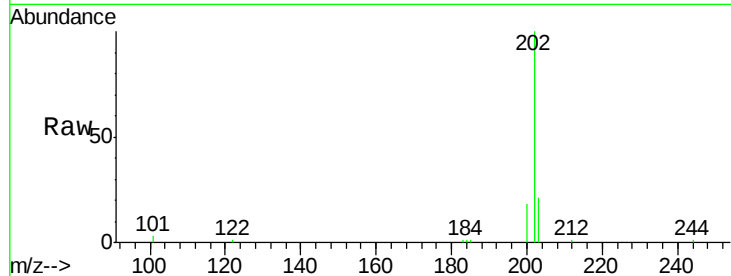
Tgt Ion:202 Resp: 22262

Ion Ratio Lower Upper

202 100

101 12.1 11.0 16.6

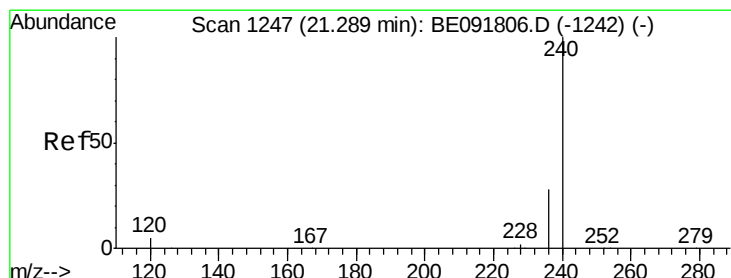
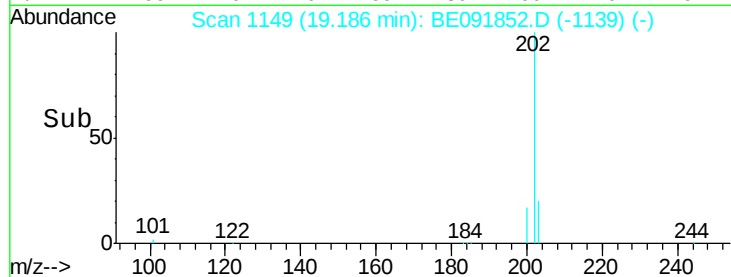
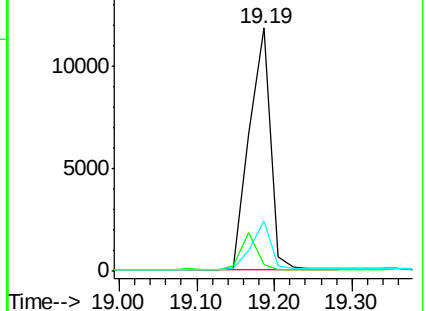
203 18.3 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

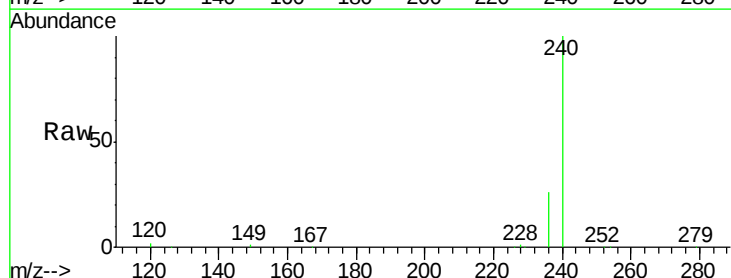
Tgt Ion:240 Resp: 275132

Ion Ratio Lower Upper

240 100

120 2.1 11.0 16.4#

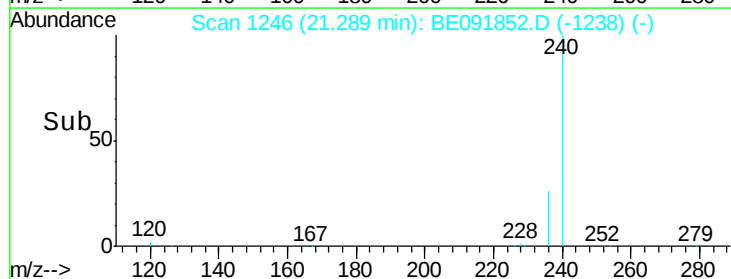
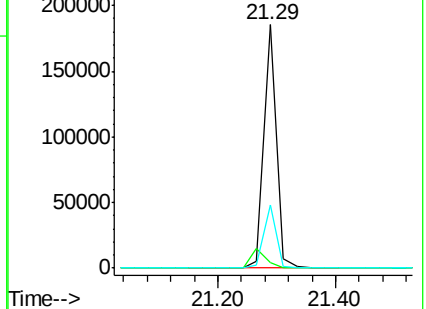
236 26.1 21.7 32.5

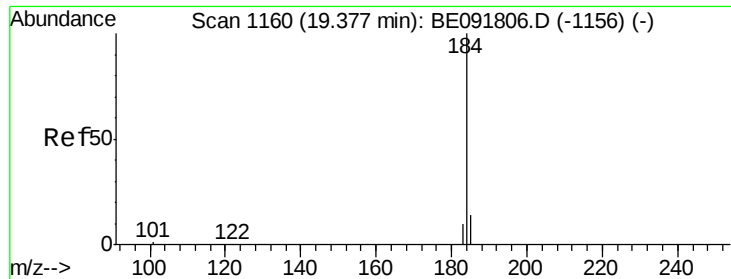


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.66 ng

RT: 19.36 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

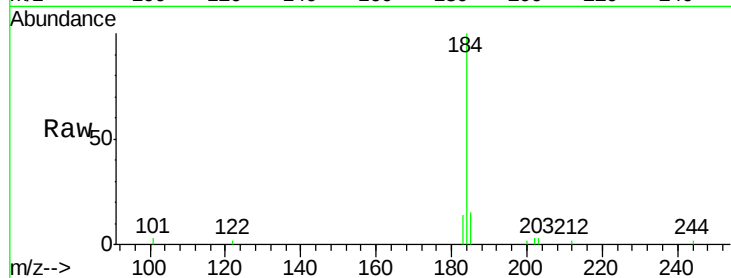
Tgt Ion:184 Resp: 10587

Ion Ratio Lower Upper

184 100

185 15.1 22.3 33.5#

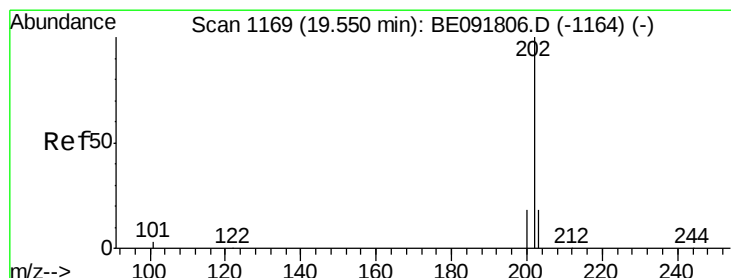
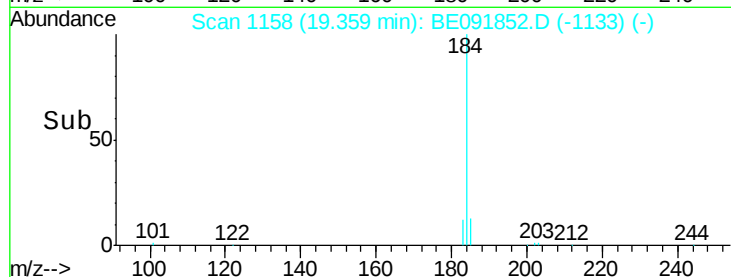
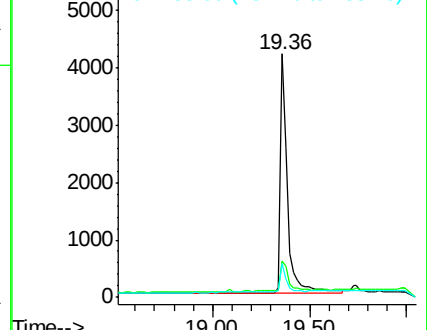
183 14.1 16.4 24.6#



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



#28

Pyrene

Concen: 0.39 ng

RT: 19.53 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

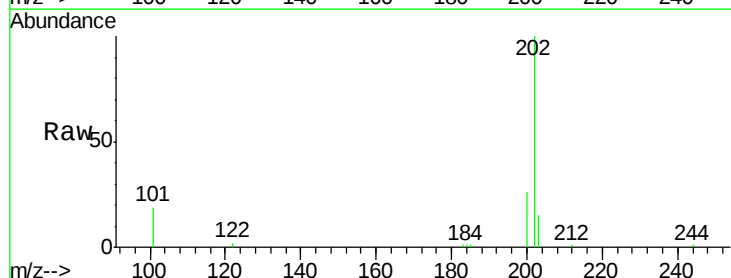
Tgt Ion:202 Resp: 23474

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

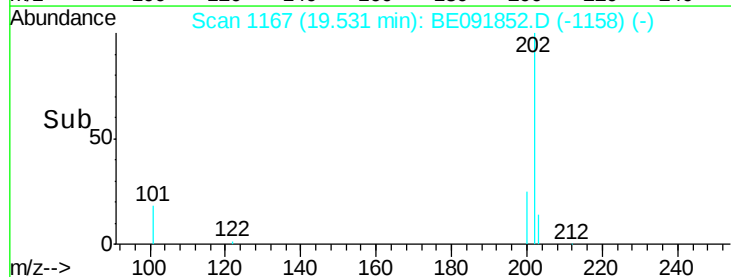
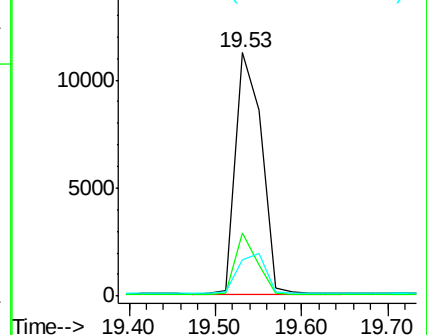
203 18.1 14.0 21.0

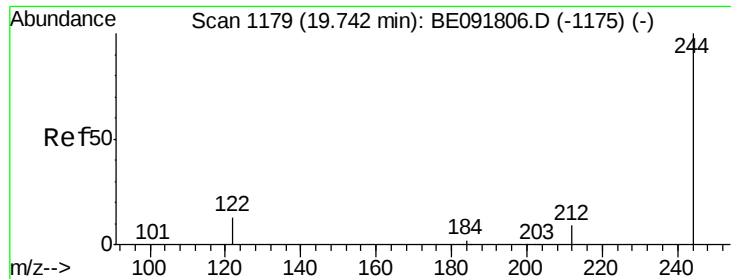


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 19.74 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

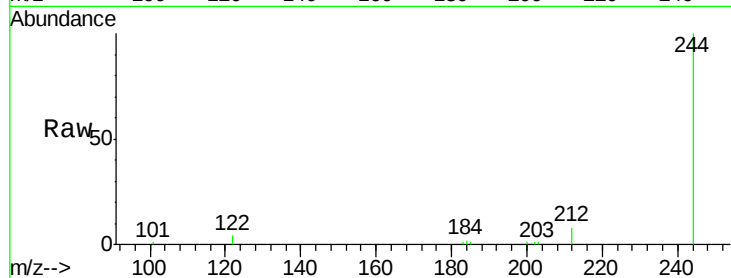
Tgt Ion:244 Resp: 17111

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

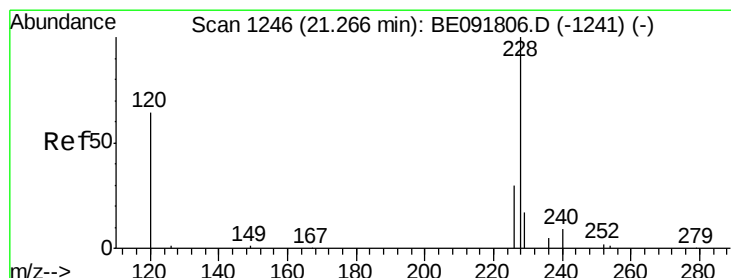
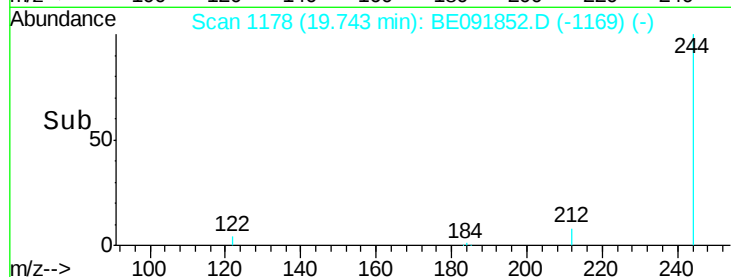
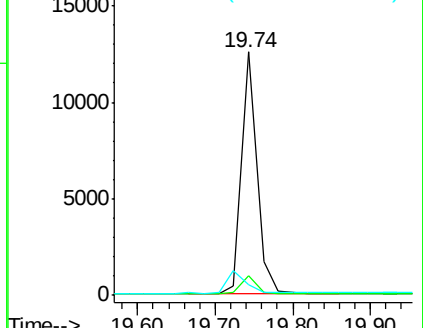
122 4.4 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.75 ng

RT: 21.27 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

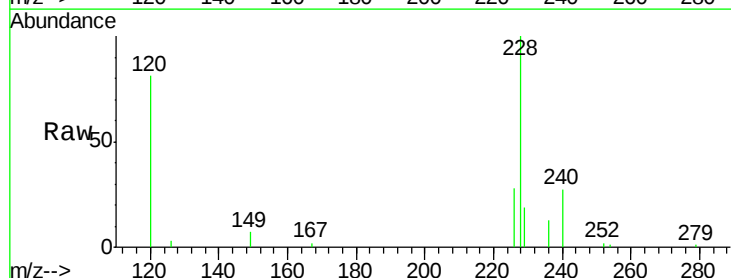
Tgt Ion:228 Resp: 49538

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.4

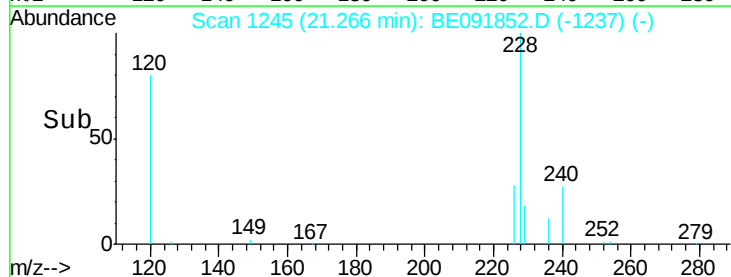
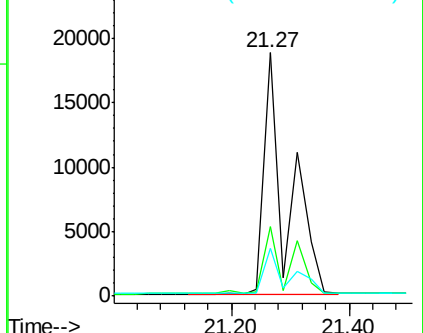
229 19.4 15.7 23.5



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

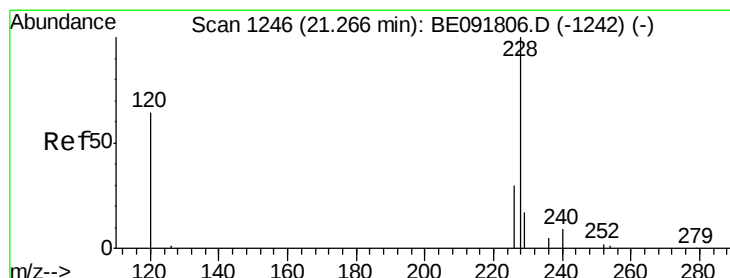
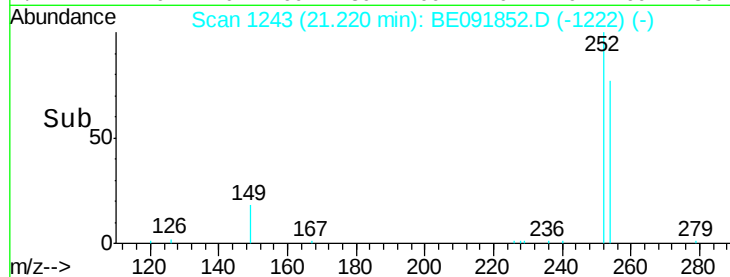
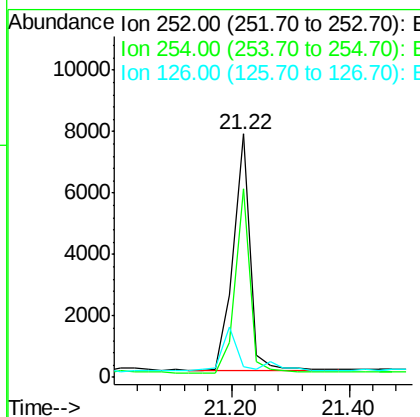
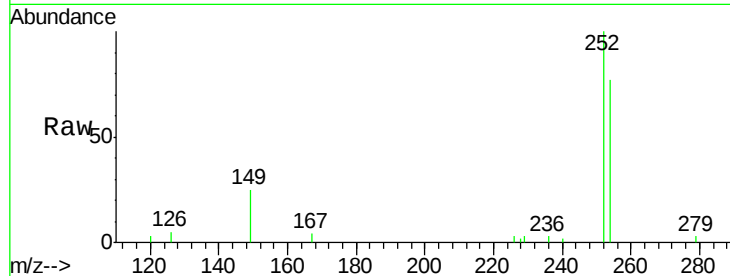




#31
 3,3'-Dichlorobenzidine
 Concen: 0.37 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

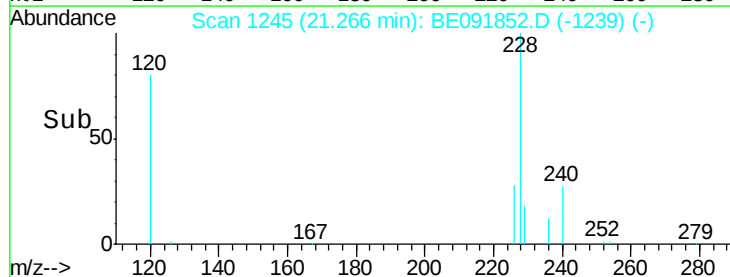
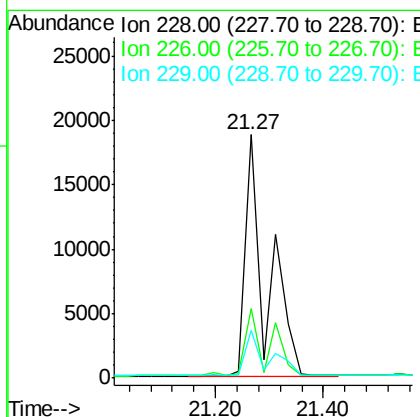
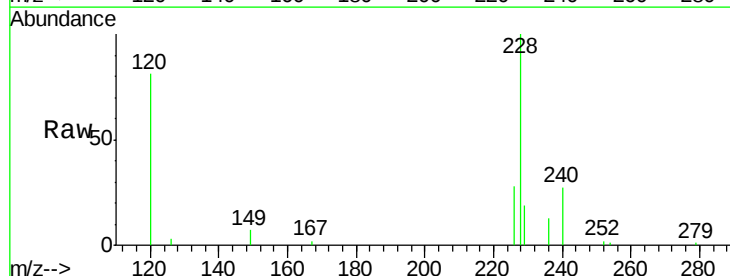
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

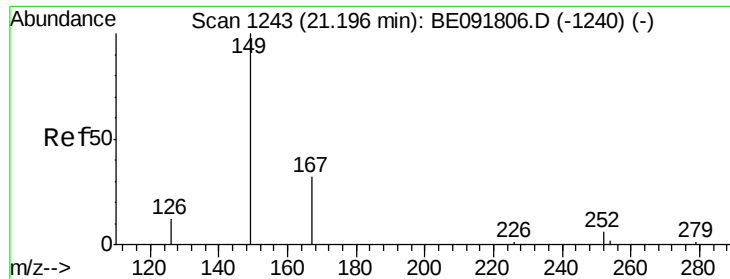
Tgt Ion: 252 Resp: 15419
 Ion Ratio Lower Upper
 252 100
 254 77.3 51.1 76.7#
 126 4.5 12.6 18.8#



#32
 Chrysene
 Concen: 0.91 ng
 RT: 21.27 min Scan# 1245
 Delta R.T. -0.07 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

Tgt Ion: 228 Resp: 49748
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.0 36.0
 229 19.4 15.9 23.9

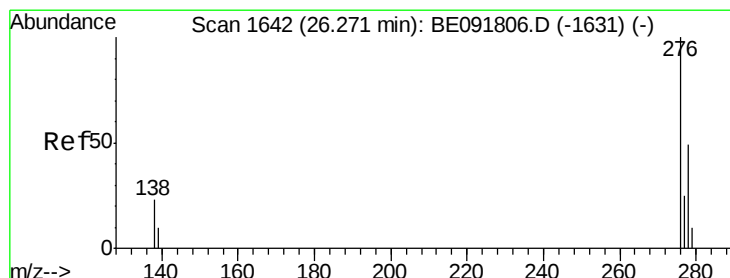
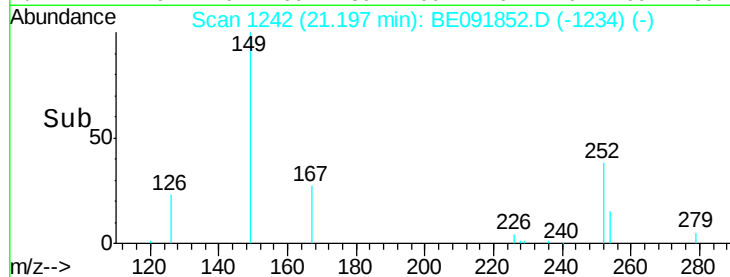
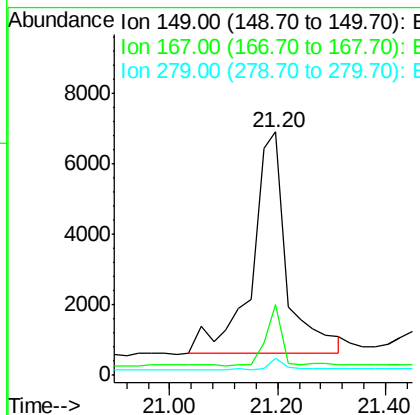
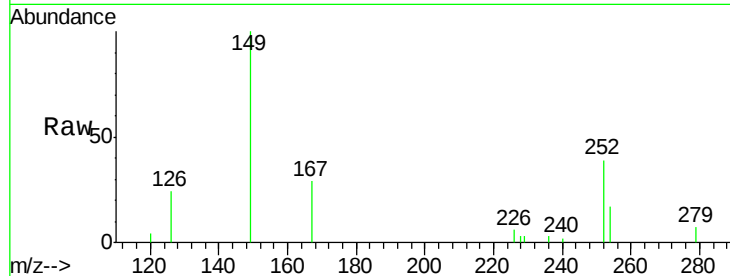




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.95 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

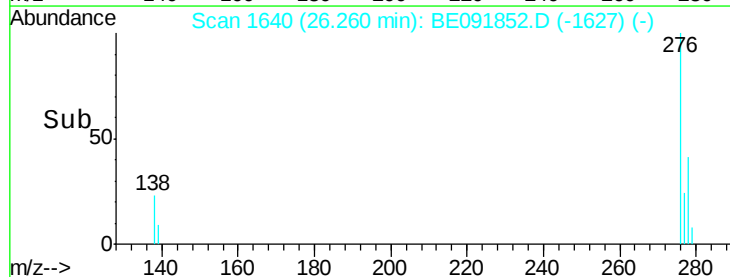
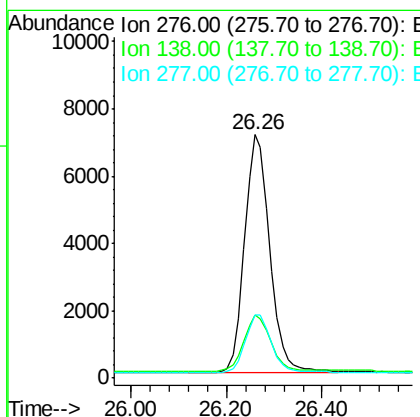
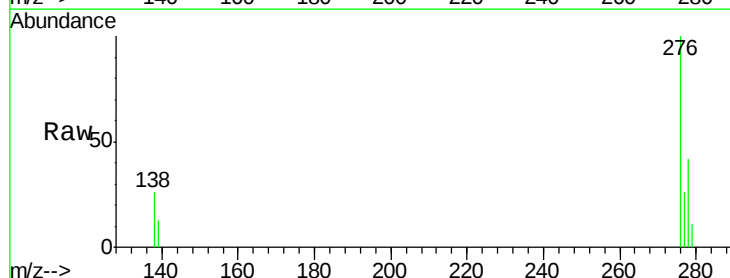
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

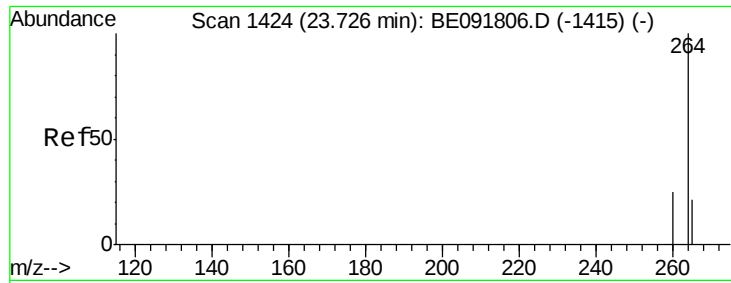
Tgt Ion:149 Resp: 28169
 Ion Ratio Lower Upper
 149 100
 167 12.0 19.5 29.3#
 279 2.4 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 26.26 min Scan# 1640
 Delta R.T. -0.05 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

Tgt Ion:276 Resp: 25865
 Ion Ratio Lower Upper
 276 100
 138 24.6 23.4 35.2
 277 25.1 19.8 29.8

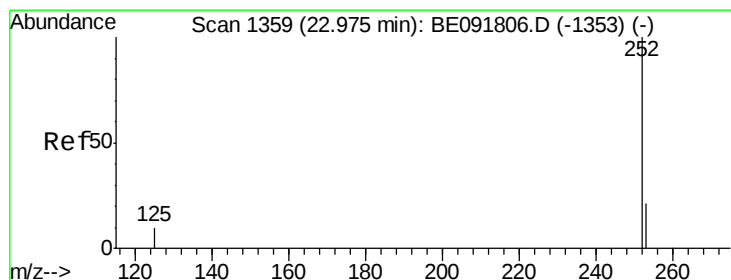
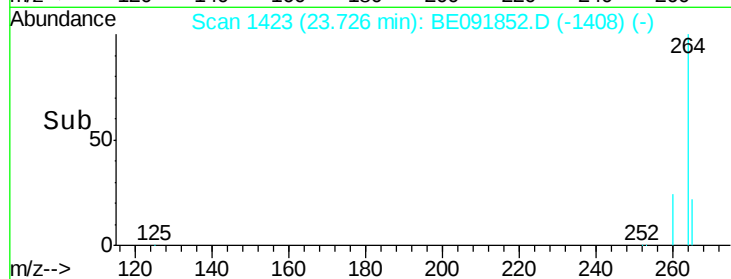
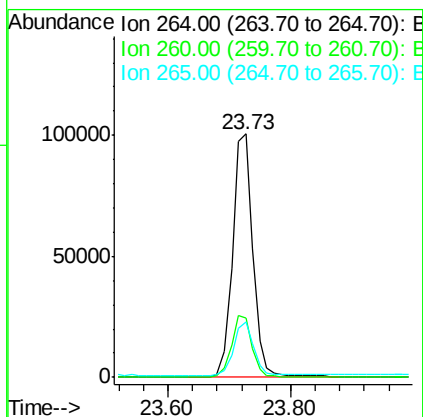
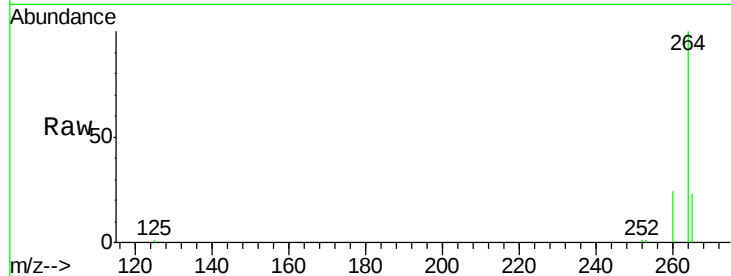




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

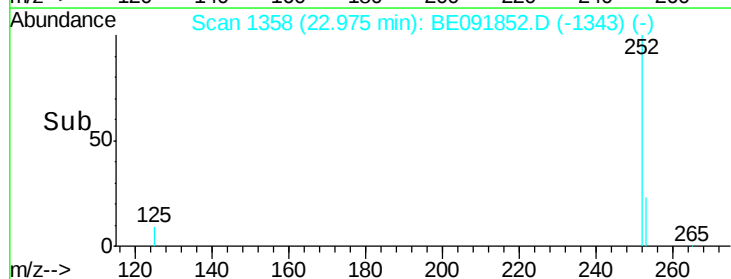
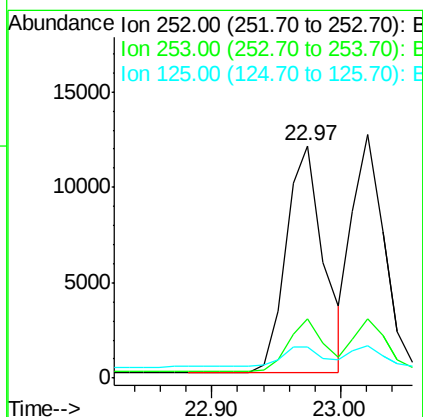
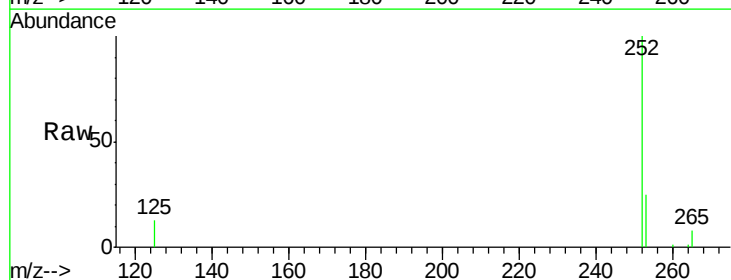
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

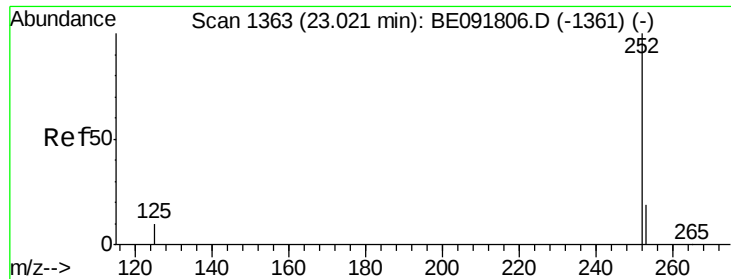
Tgt Ion: 264 Resp: 230505
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 23.0 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.42 ng
 RT: 22.97 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BE091852.D
 Acq: 23 May 2016 18:06

Tgt Ion: 252 Resp: 24347
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.4 26.0
 125 13.3 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.02 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

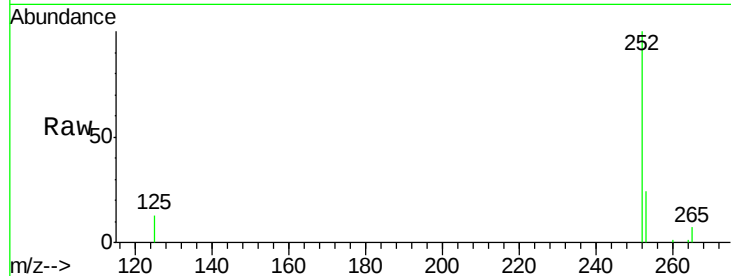
Tgt Ion:252 Resp: 21875

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

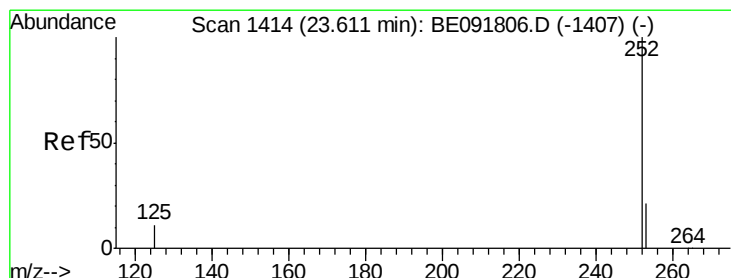
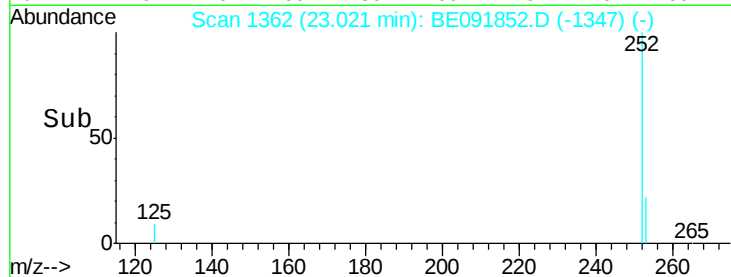
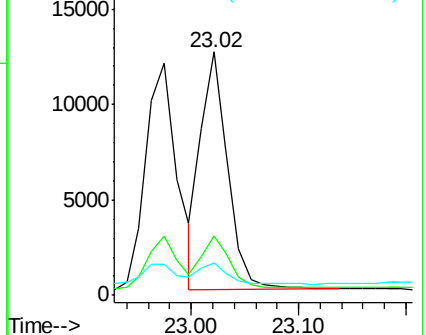
125 13.1 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.41 ng

RT: 23.61 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

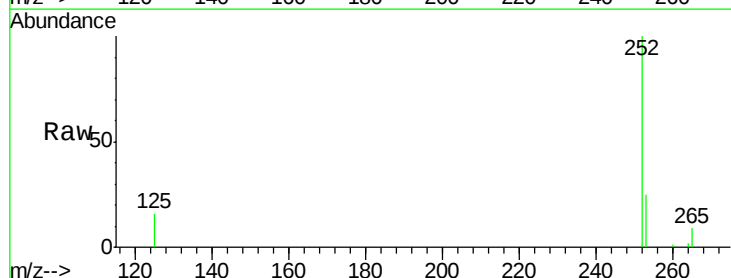
Tgt Ion:252 Resp: 22371

Ion Ratio Lower Upper

252 100

253 25.4 18.1 27.1

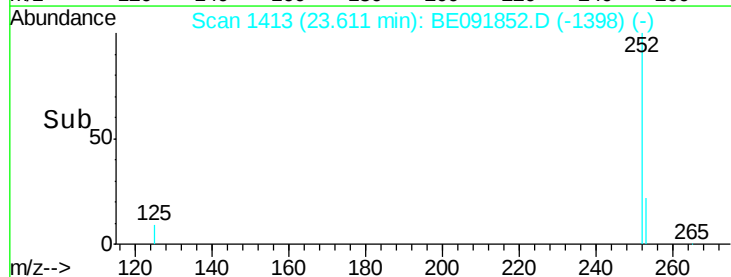
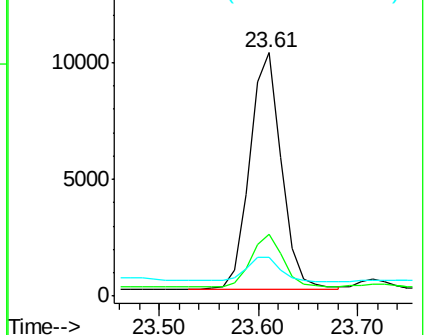
125 15.8 11.0 16.4



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





#39

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 26.28 min Scan# 1642

Delta R.T. -0.06 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

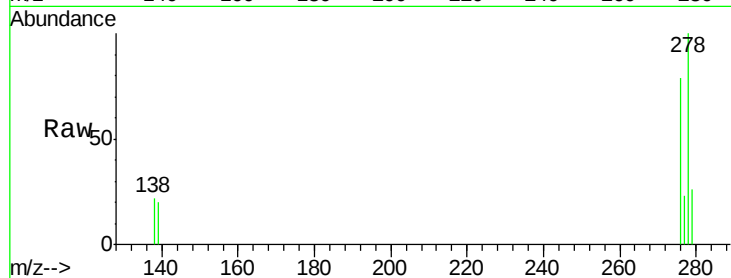
Tgt Ion: 278 Resp: 21651

Ion Ratio Lower Upper

278 100

139 19.6 16.0 24.0

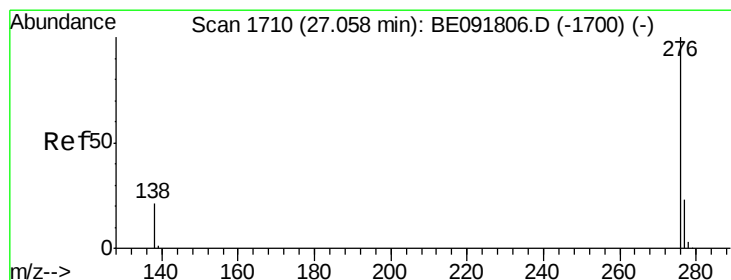
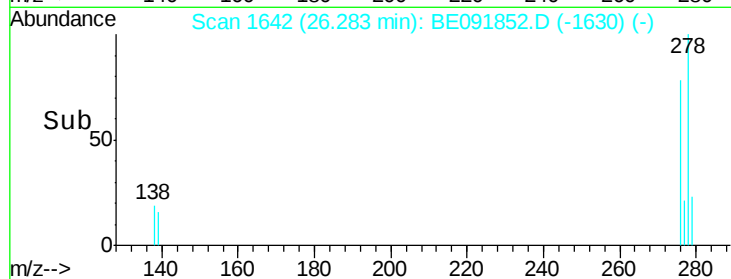
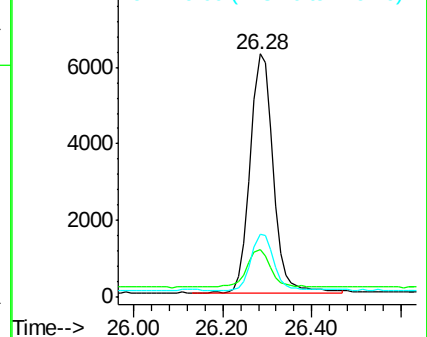
279 25.9 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 27.05 min Scan# 1708

Delta R.T. -0.06 min

Lab File: BE091852.D

Acq: 23 May 2016 18:06

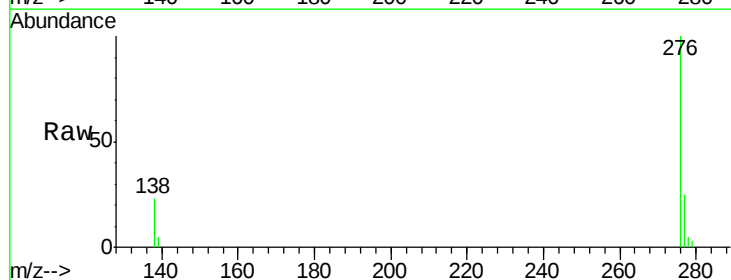
Tgt Ion: 276 Resp: 22072

Ion Ratio Lower Upper

276 100

277 25.4 18.6 28.0

138 23.1 20.4 30.6



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

