

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
 Data File : BE091842.D
 Acq On : 23 May 2016 11:38
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 24 02:19:24 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	21801	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	100596	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	65847	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	204892	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	297350	5.00	ng	-0.02
35) Perylene-d12	23.73	264	262485	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2633	0.46	ng	0.00
5) Phenol-d6	6.95	99	3123	0.39	ng	0.00
8) Nitrobenzene-d5	8.93	82	2892	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	1444	0.56	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	7414	0.40	ng	-0.01
29) Terphenyl-d14	19.74	244	16449	0.39	ng	-0.02

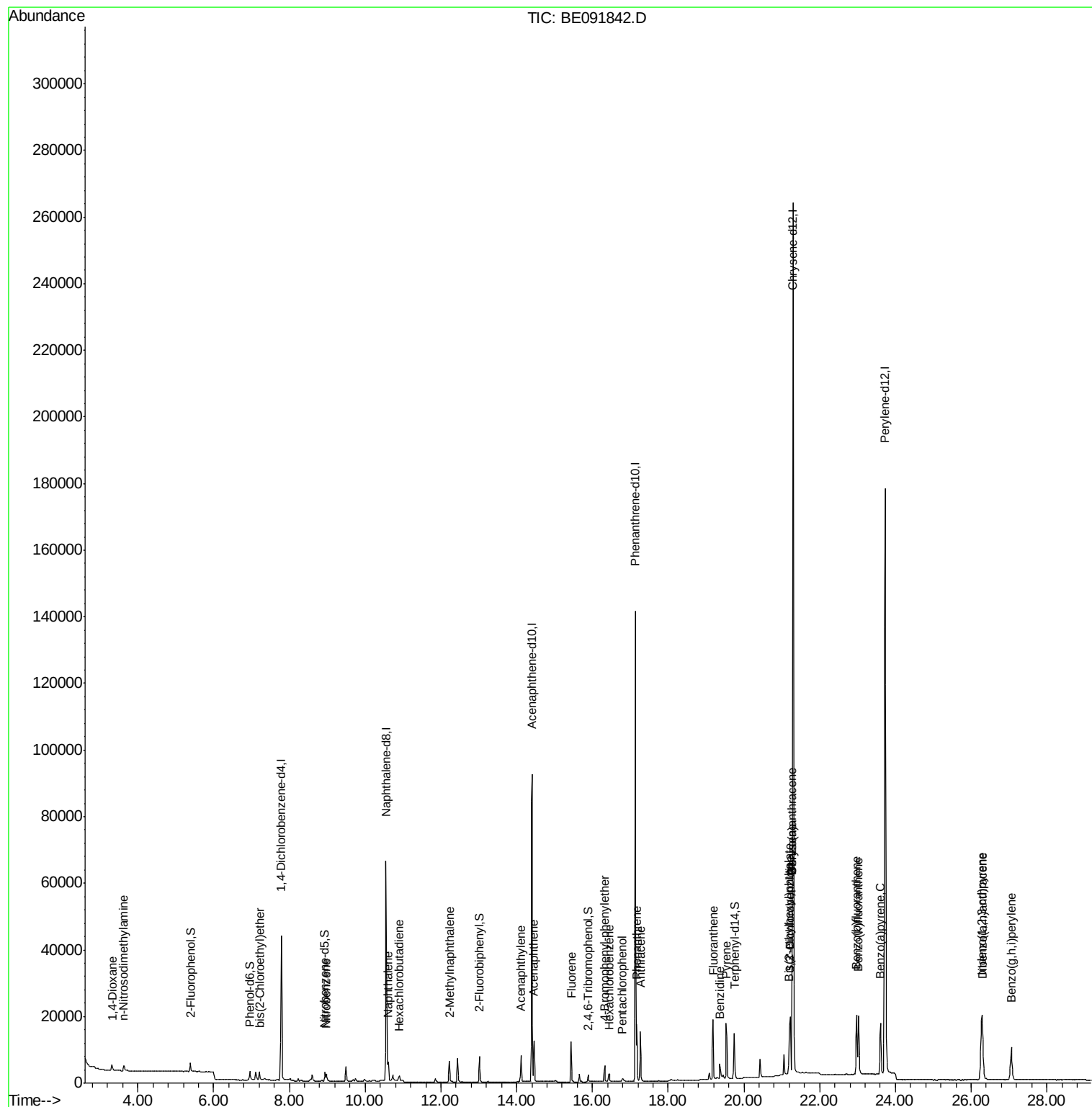
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1319	0.53	ng	91
3) n-Nitrosodimethylamine	3.63	42	1437	0.41	ng	# 93
6) bis(2-Chloroethyl)ether	7.21	93	2597	0.40	ng	# 80
9) Nitrobenzene	8.98	77	2865	0.42	ng	93
10) Naphthalene	10.61	128	8320	0.37	ng	98
11) Hexachlorobutadiene	10.90	225	1842	0.56	ng	# 83
12) 2-Methylnaphthalene	12.22	142	5583	0.37	ng	91
16) Acenaphthylene	14.11	152	12057	0.41	ng	# 72
17) Acenaphthene	14.46	154	6410	0.36	ng	88
18) Fluorene	15.44	166	8915	0.39	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	2750	0.36	ng	96
21) Hexachlorobenzene	16.45	284	2741	0.34	ng	99
22) Pentachlorophenol	16.79	266	907	0.28	ng	95
23) Phenanthrene	17.17	178	17280	0.34	ng	97
24) Anthracene	17.26	178	16232	0.36	ng	98
25) Fluoranthene	19.19	202	21975	0.40	ng	96
27) Benzidine	19.36	184	9111	0.53	ng	# 88
28) Pyrene	19.53	202	23028	0.35	ng	99
30) Benzo(a)anthracene	21.27	228	52753	0.74	ng	96
31) 3,3'-Dichlorobenzidine	21.22	252	18379	0.40	ng	# 81
32) Chrysene	21.27	228	52915	0.89	ng	98
33) Bis(2-ethylhexyl)phthalate	21.20	149	13710	0.57	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.27	276	29185	0.40	ng	95
36) Benzo(b)fluoranthene	22.97	252	26140	0.40	ng	96
37) Benzo(k)fluoranthene	23.02	252	26221	0.39	ng	97
38) Benzo(a)pyrene	23.61	252	25153	0.40	ng	96
39) Dibenzo(a,h)anthracene	26.29	278	24083	0.39	ng	97
40) Benzo(g,h,i)perylene	27.06	276	24485	0.39	ng	96

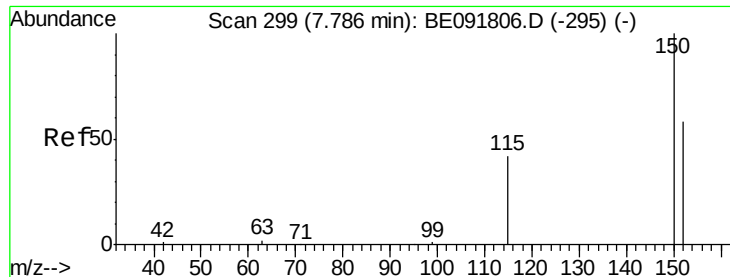
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

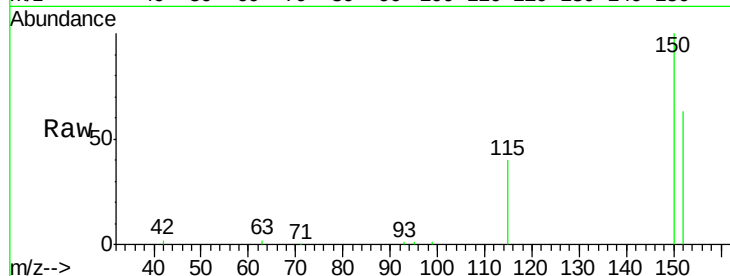
Tgt Ion:152 Resp: 21801

Ion Ratio Lower Upper

152 100

150 159.3 122.6 183.8

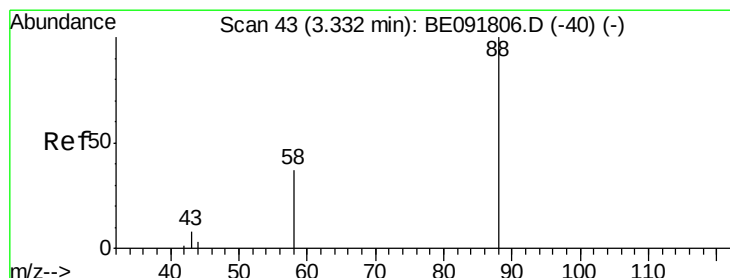
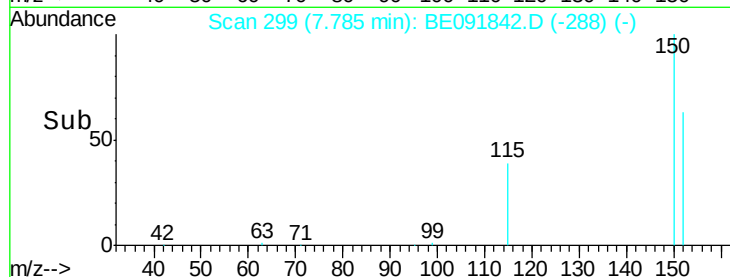
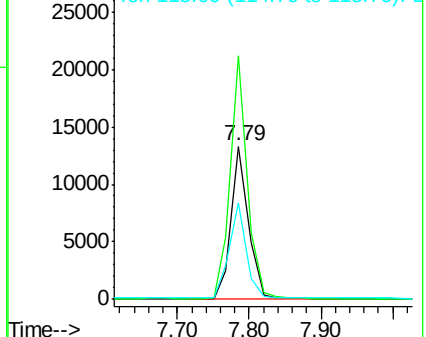
115 63.4 52.8 79.2



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: 0.53 ng

RT: 3.31 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

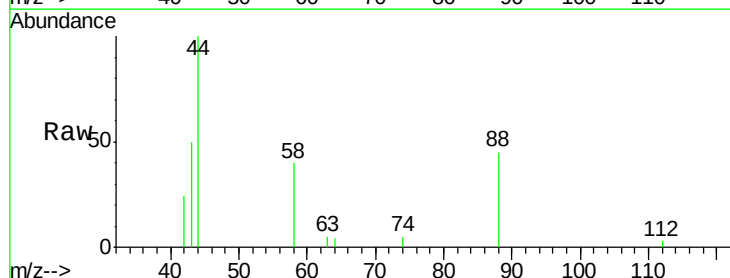
Tgt Ion: 88 Resp: 1319

Ion Ratio Lower Upper

88 100

58 73.7 65.8 98.6

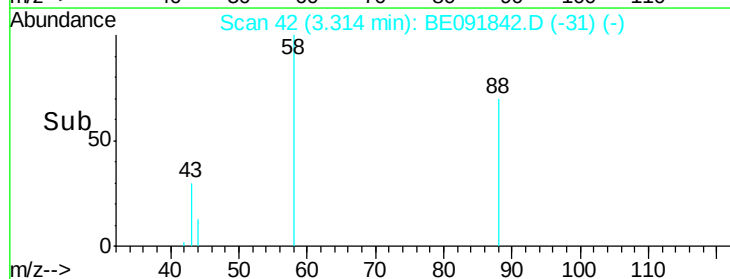
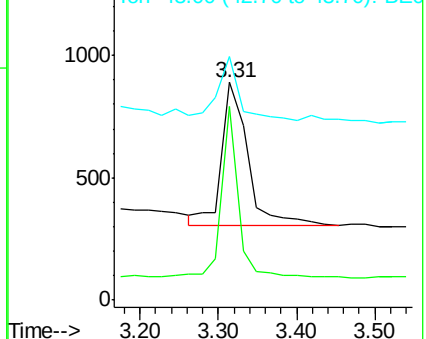
43 36.5 25.3 37.9

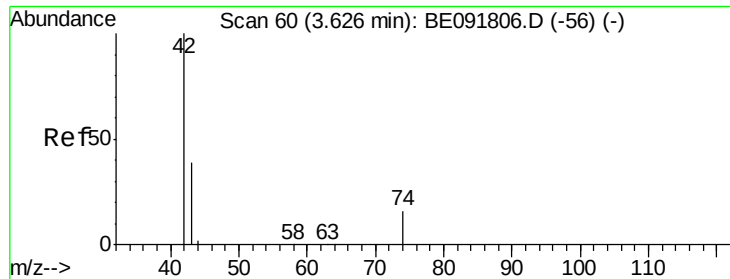


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.41 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

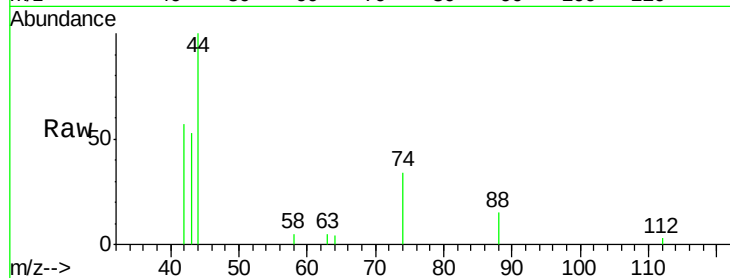
Tgt Ion: 42 Resp: 1437

Ion Ratio Lower Upper

42 100

74 116.8 87.9 131.9

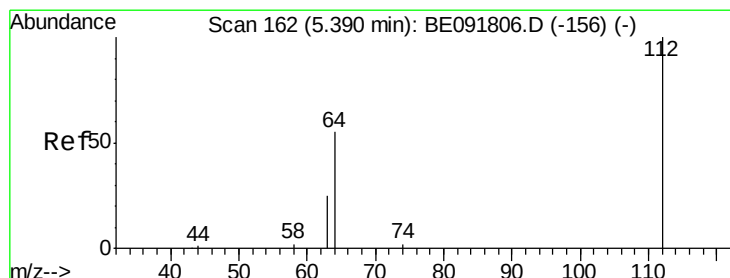
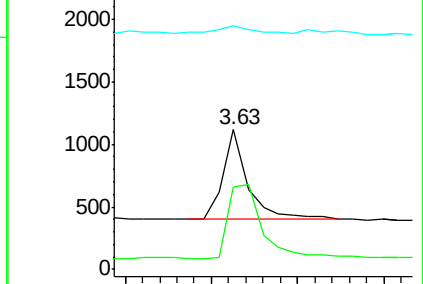
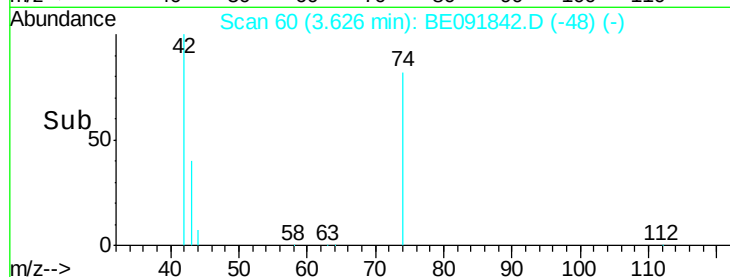
44 14.1 6.6 9.8#



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: 0.46 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

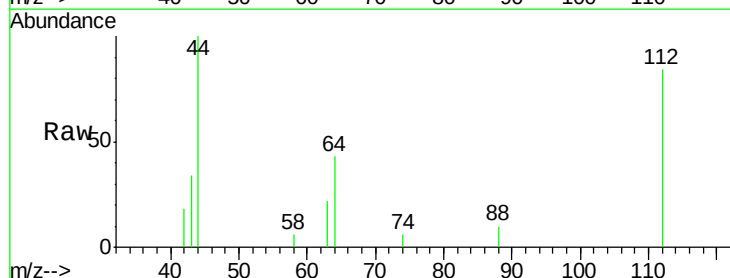
Tgt Ion: 112 Resp: 2633

Ion Ratio Lower Upper

112 100

64 68.3 30.9 46.3#

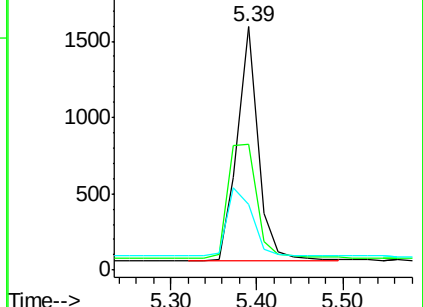
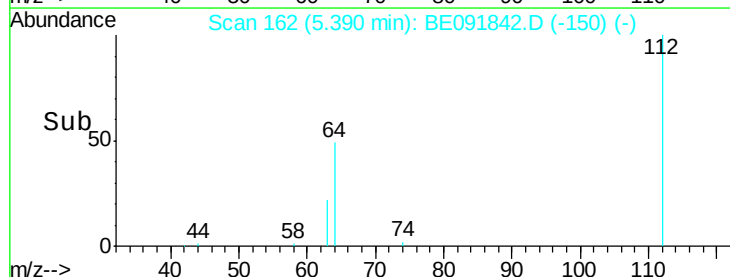
63 34.6 16.7 25.1#

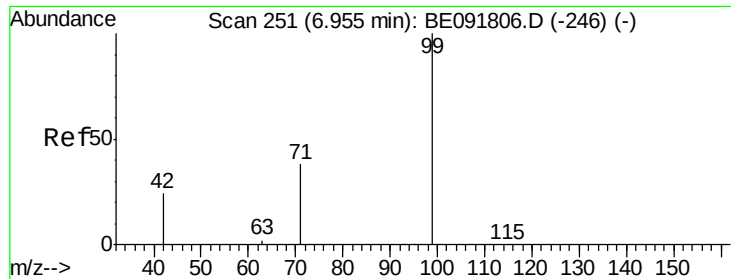


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

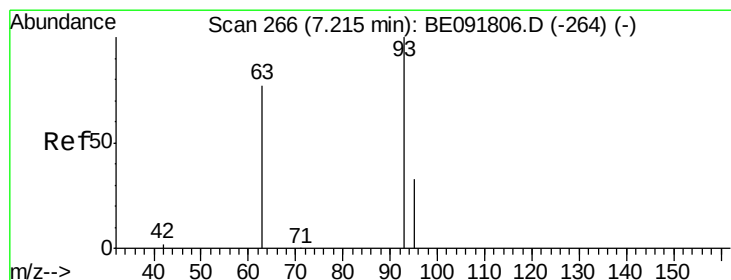
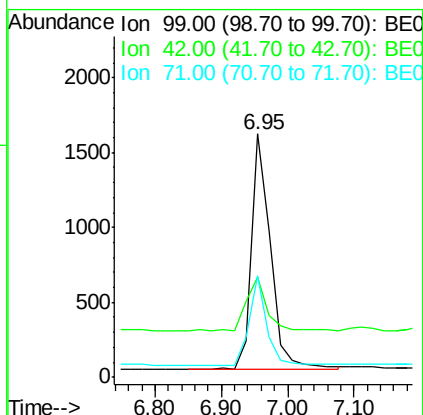
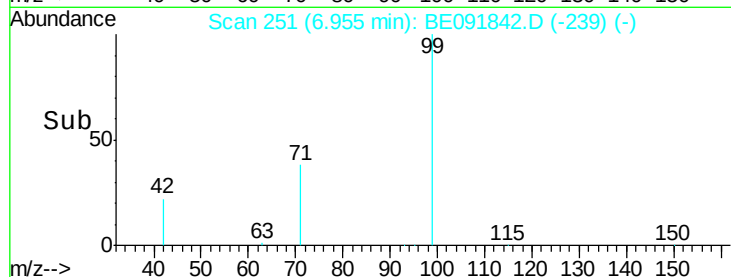
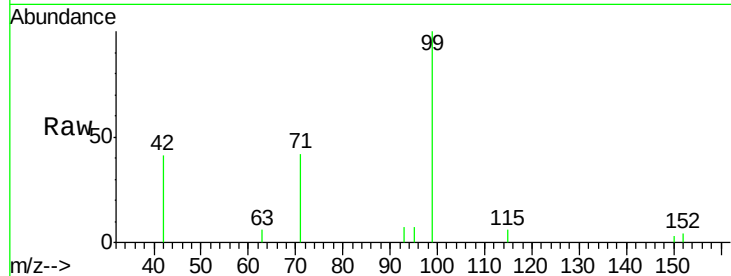
Tgt Ion: 99 Resp: 3123

Ion Ratio Lower Upper

99 100

42 24.3 16.2 24.2#

71 34.6 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

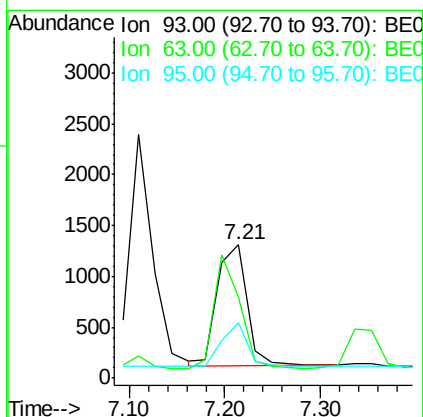
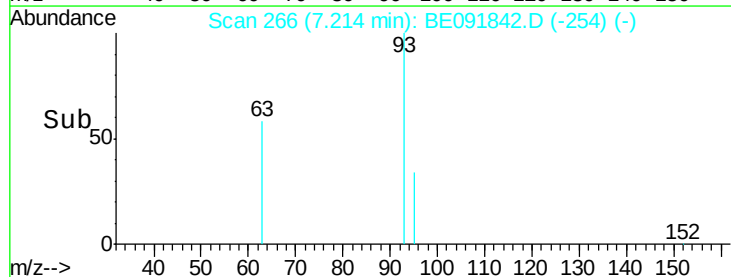
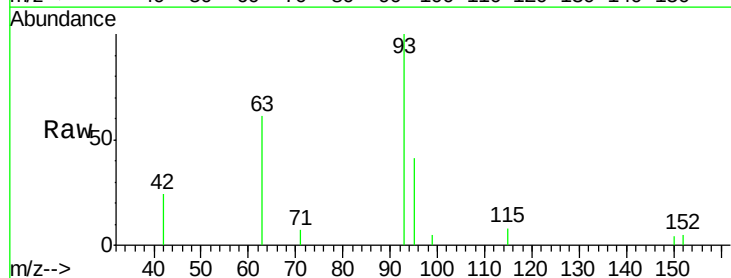
Tgt Ion: 93 Resp: 2597

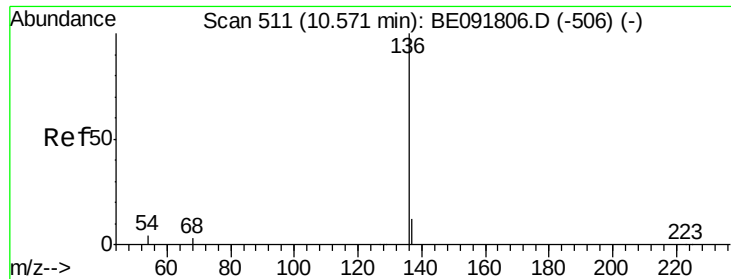
Ion Ratio Lower Upper

93 100

63 81.9 49.5 74.3#

95 31.1 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 100596

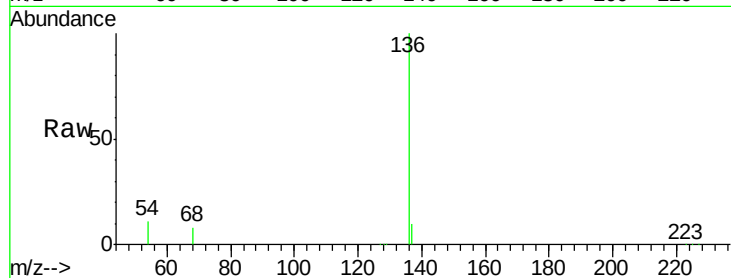
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 11.0 8.2 12.4

68 7.9 6.2 9.4

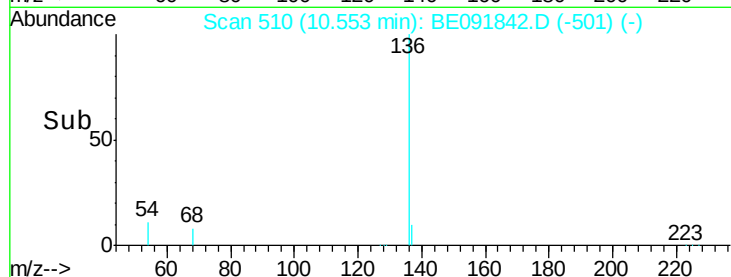


Abundance Ion 136.00 (135.70 to 136.70): E

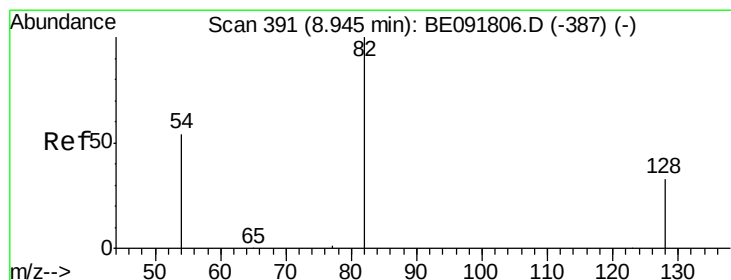
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60 10.70



#8

Nitrobenzene-d5

Concen: 0.43 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

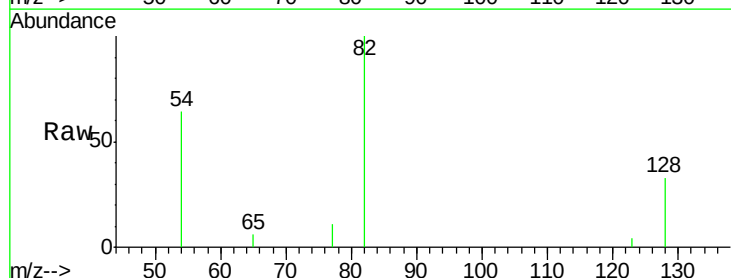
Tgt Ion: 82 Resp: 2892

Ion Ratio Lower Upper

82 100

128 33.2 25.4 38.0

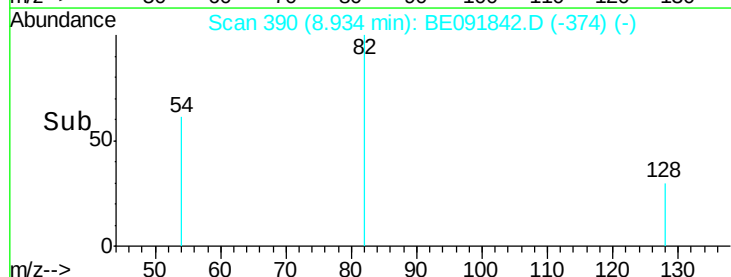
54 64.4 48.4 72.6



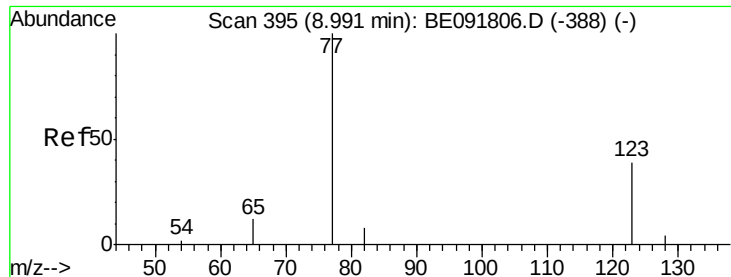
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.80 8.90 9.00 9.10



#9

Nitrobenzene

Concen: 0.42 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

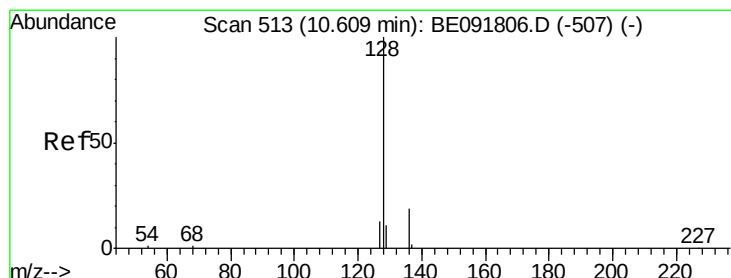
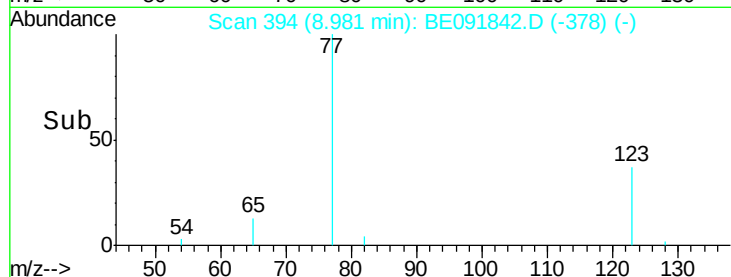
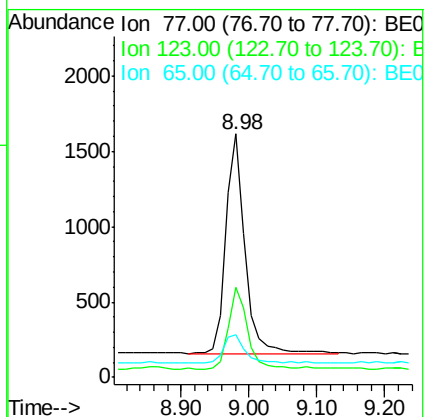
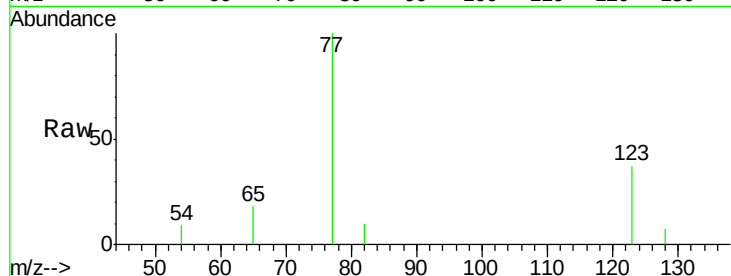
Tgt Ion: 77 Resp: 2865

Ion Ratio Lower Upper

77 100

123 37.6 26.9 40.3

65 14.1 9.4 14.2



#10

Naphthalene

Concen: 0.37 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

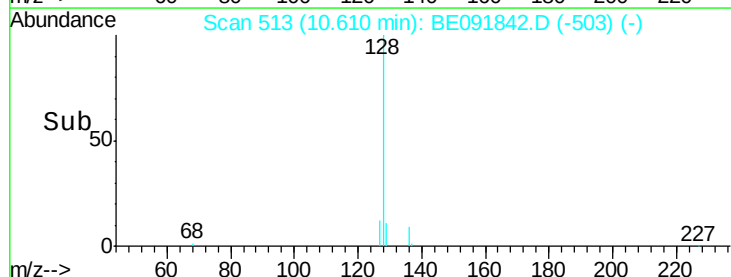
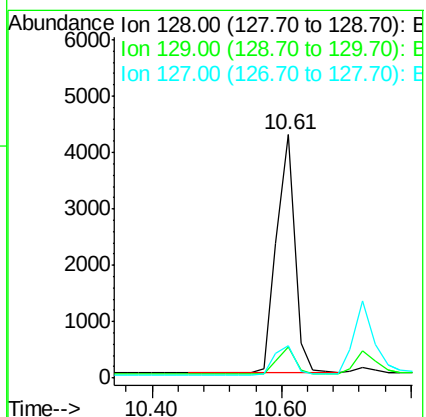
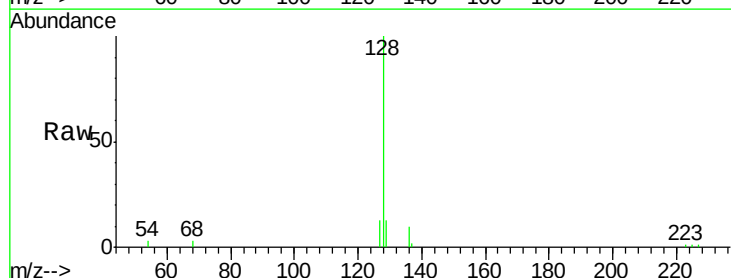
Tgt Ion: 128 Resp: 8320

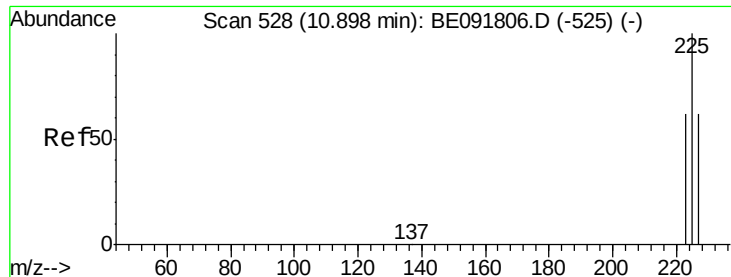
Ion Ratio Lower Upper

128 100

129 12.9 9.3 13.9

127 13.1 10.7 16.1

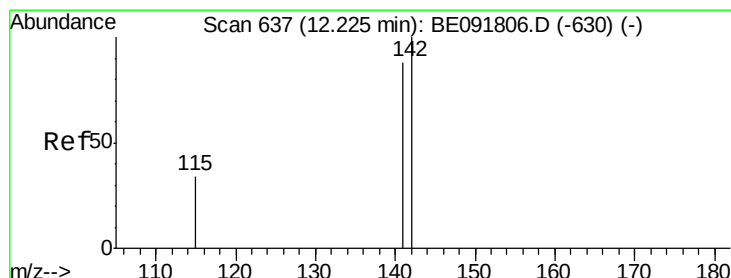
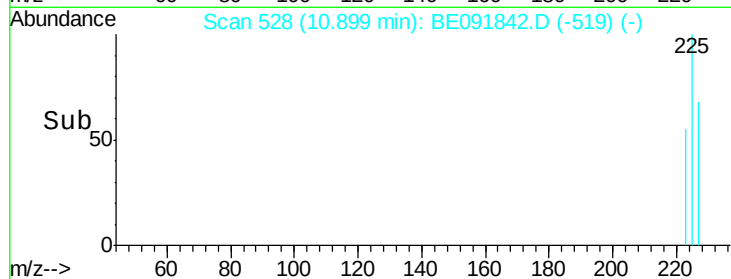
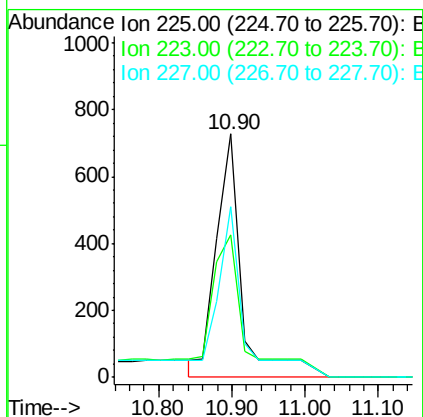
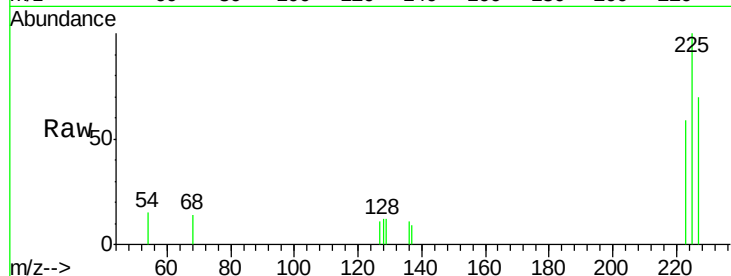




#11
Hexachlorobutadiene
Concen: 0.56 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

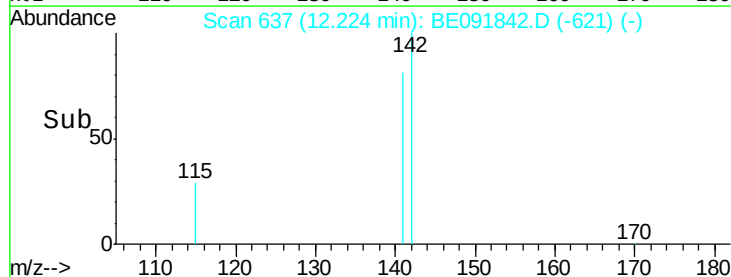
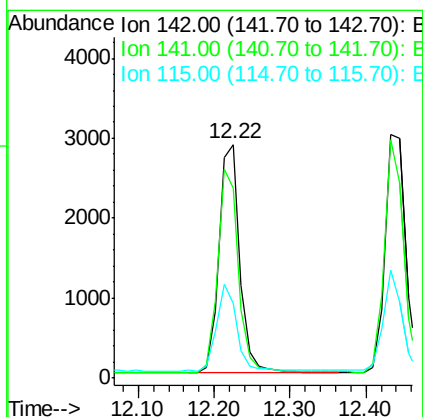
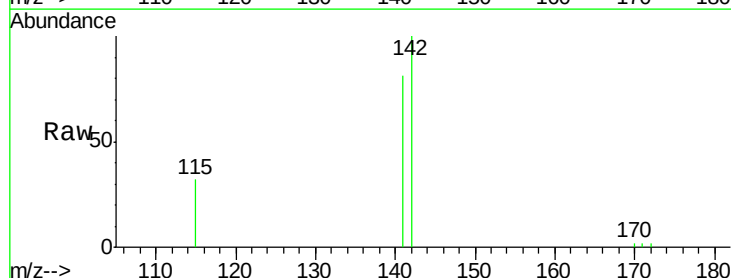
Instrument :
BNA_E
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SSTDCCC0.4

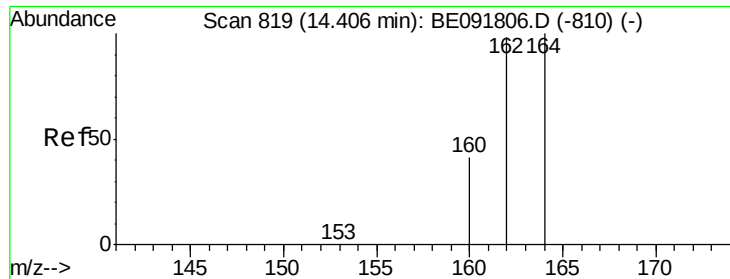
Tgt Ion: 225 Resp: 1842
Ion Ratio Lower Upper
225 100
223 74.8 49.0 73.6#
227 75.4 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

Tgt Ion: 142 Resp: 5583
Ion Ratio Lower Upper
142 100
141 81.2 71.4 107.0
115 31.9 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

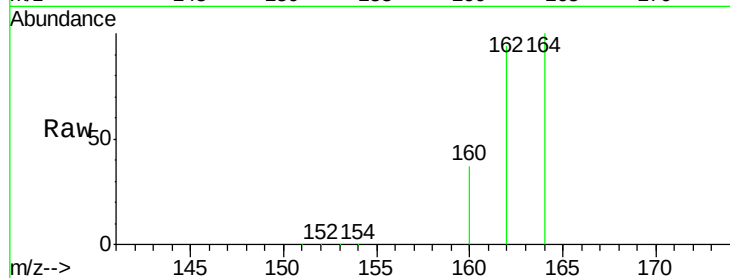
Tgt Ion:164 Resp: 65847

Ion Ratio Lower Upper

164 100

162 93.7 85.3 127.9

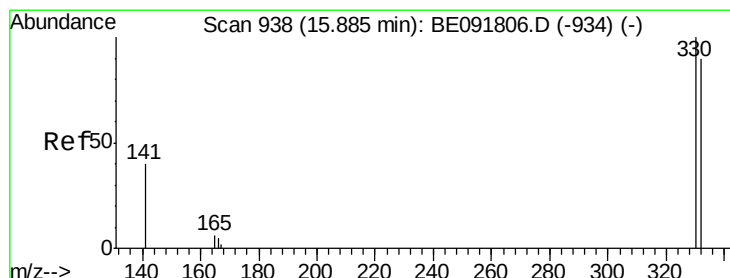
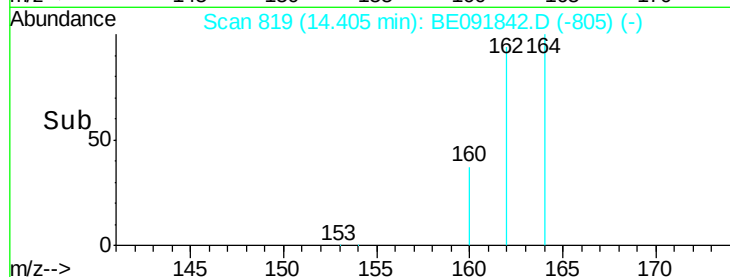
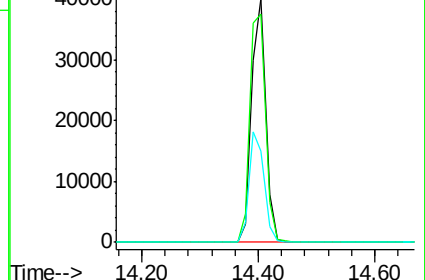
160 37.3 46.2 69.2#



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



#14

2,4,6-Tribromophenol

Concen: 0.56 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

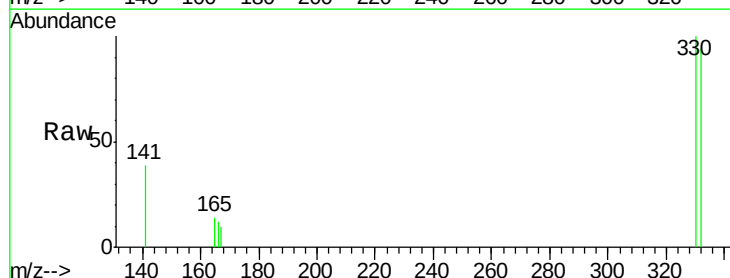
Tgt Ion:330 Resp: 1444

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

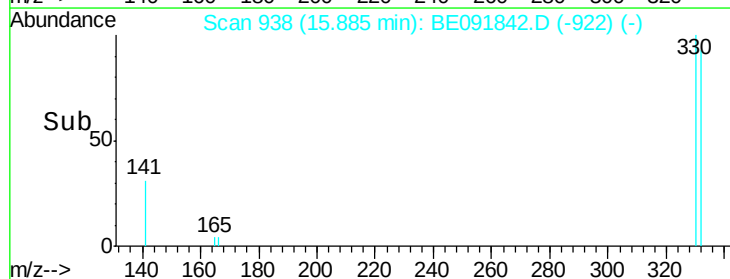
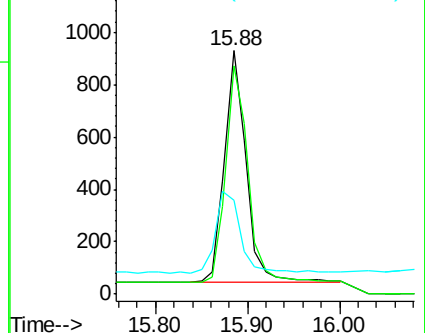
141 42.0 125.4 188.0#

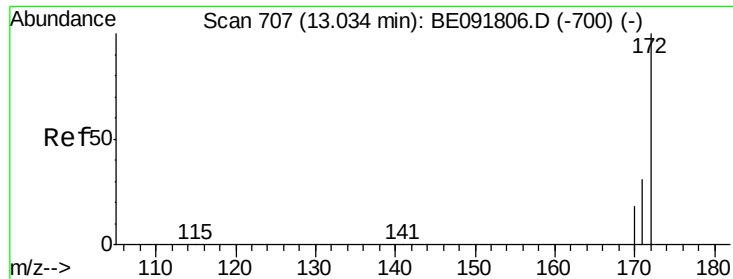


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

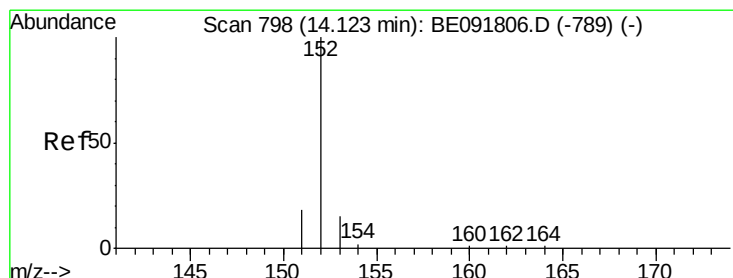
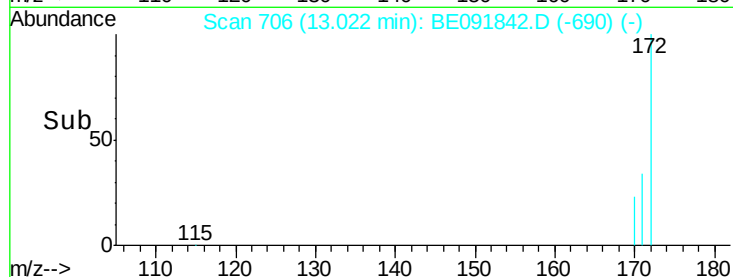
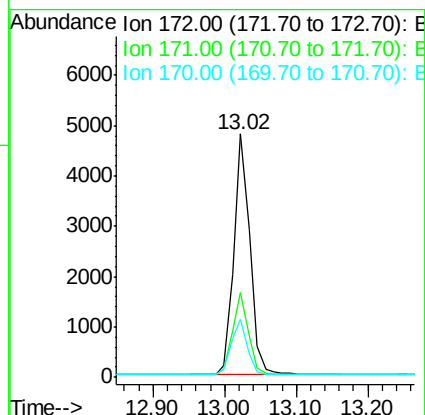
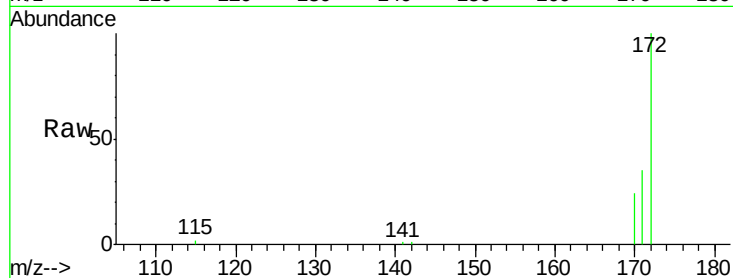




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

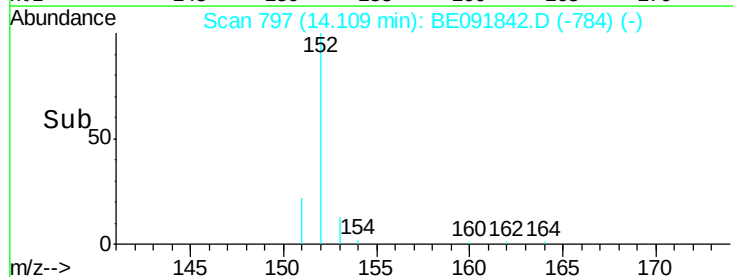
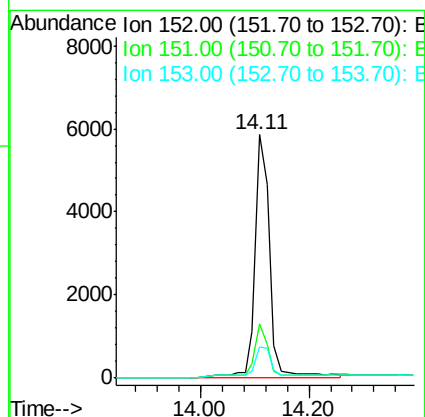
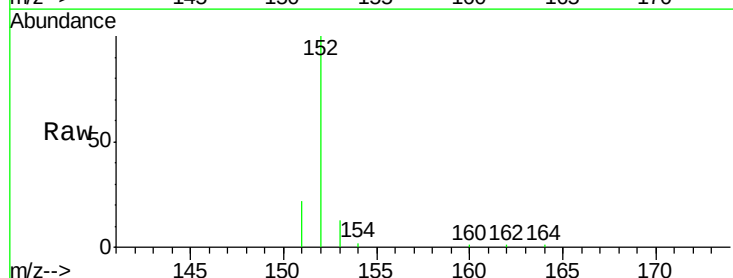
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

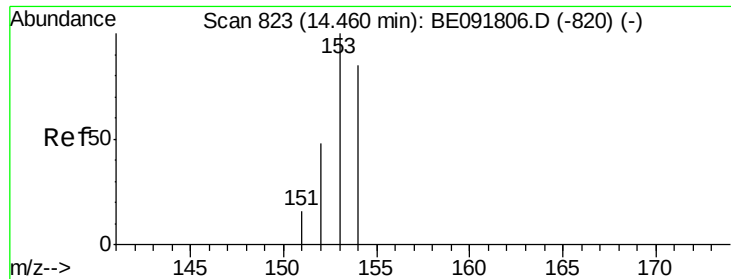
Tgt Ion:172 Resp: 7414
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.7 19.3 28.9



#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.11 min Scan# 797
Delta R.T. -0.01 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

Tgt Ion:152 Resp: 12057
Ion Ratio Lower Upper
152 100
151 24.6 3.9 5.9#
153 19.5 10.3 15.5#

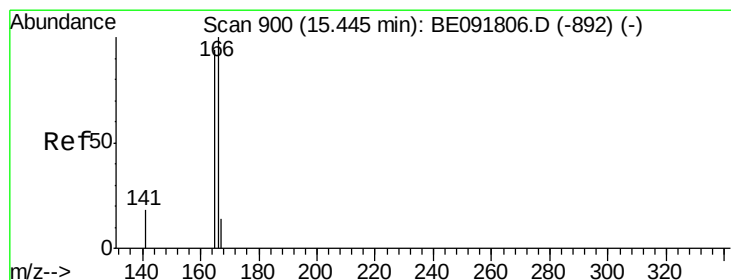
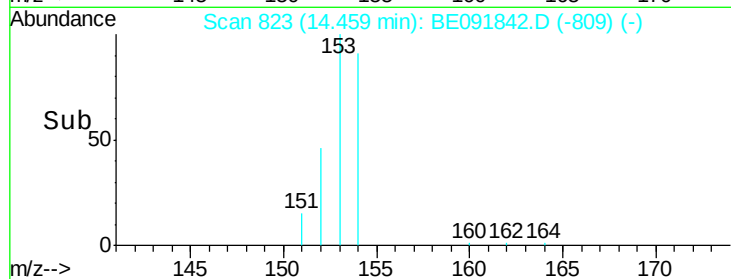
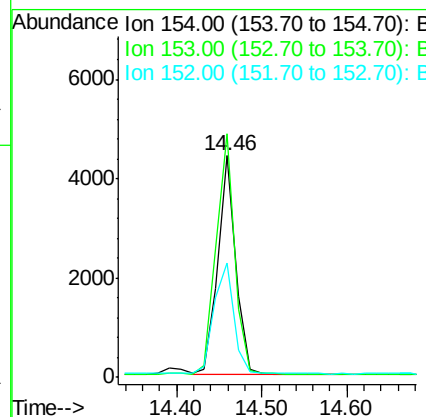
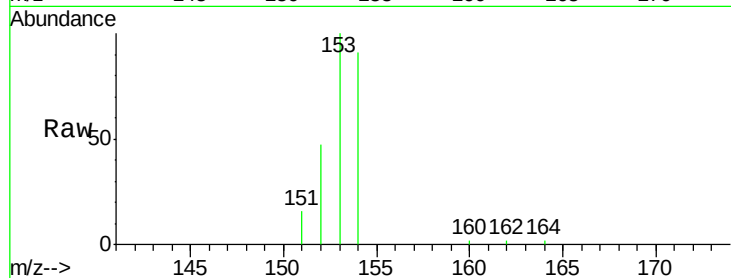




#17
Acenaphthene
Concen: 0.36 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

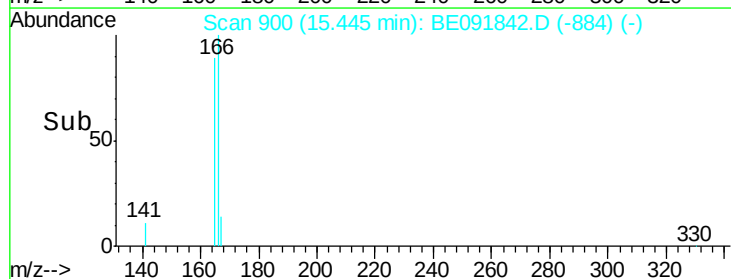
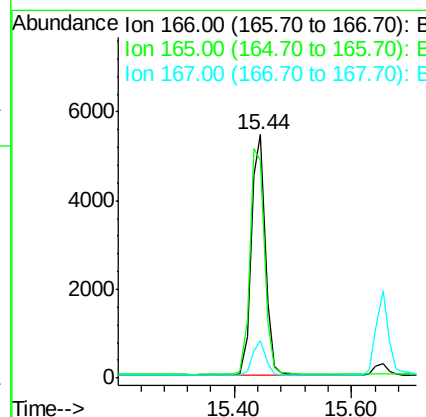
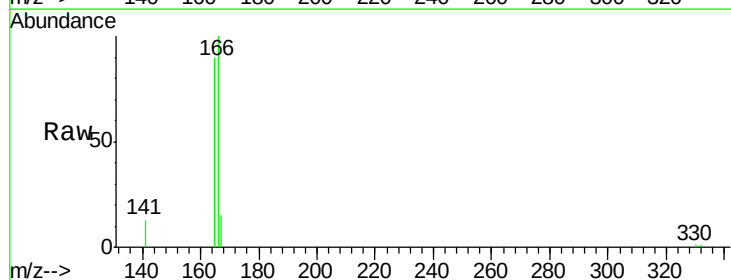
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

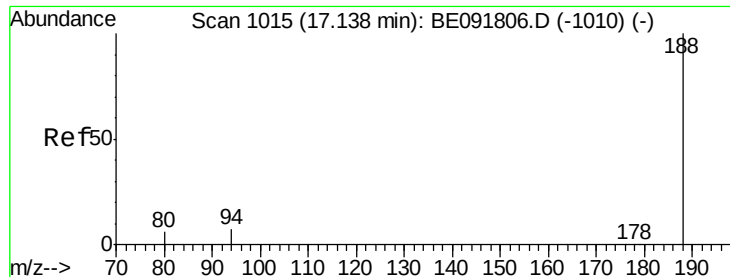
Tgt Ion:154 Resp: 6410
Ion Ratio Lower Upper
154 100
153 113.9 80.0 120.0
152 56.4 40.0 60.0



#18
Fluorene
Concen: 0.39 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

Tgt Ion:166 Resp: 8915
Ion Ratio Lower Upper
166 100
165 99.0 80.8 121.2
167 13.3 10.9 16.3

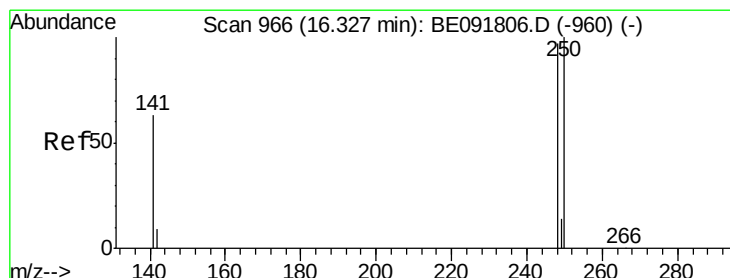
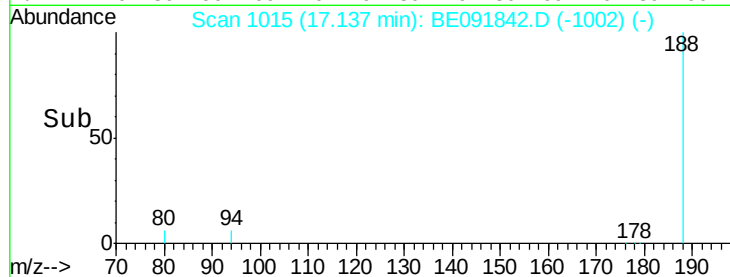
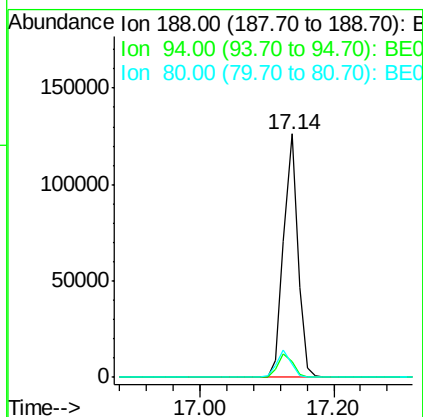
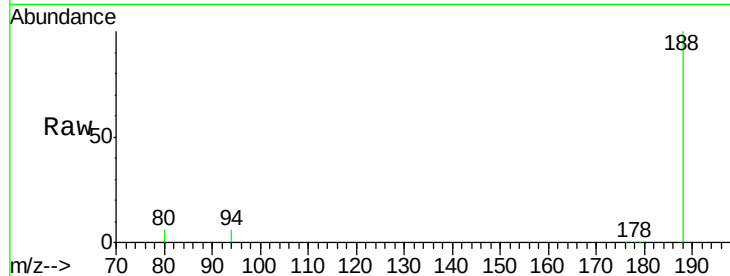




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

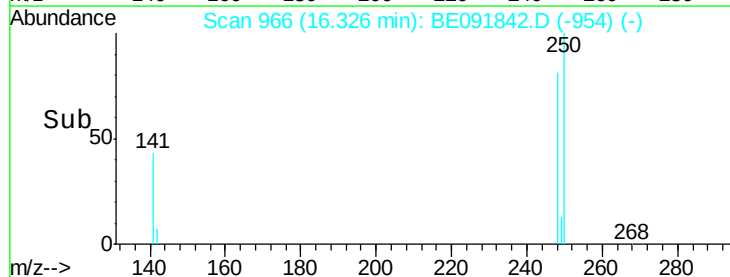
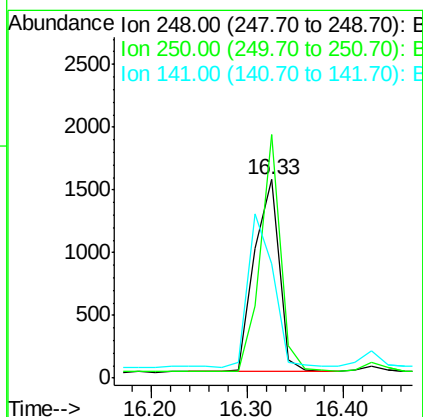
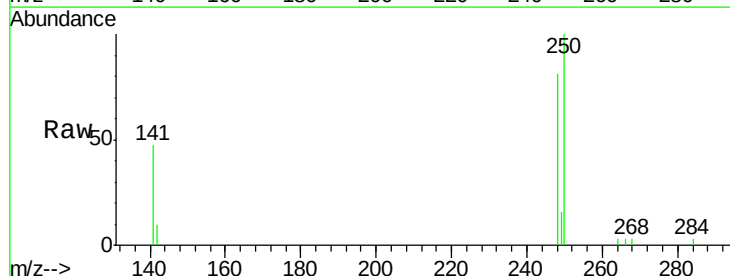
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

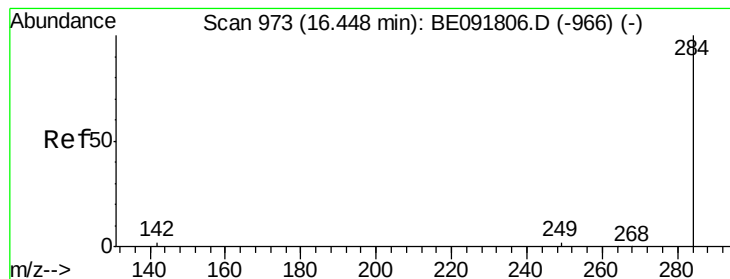
Tgt Ion:188 Resp: 204892
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 5.6 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

Tgt Ion:248 Resp: 2750
Ion Ratio Lower Upper
248 100
250 100.4 80.5 120.7
141 82.4 72.0 108.0





#21

Hexachlorobenzene

Concen: 0.34 ng

RT: 16.45 min Scan# 973

Delta R.T. -0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

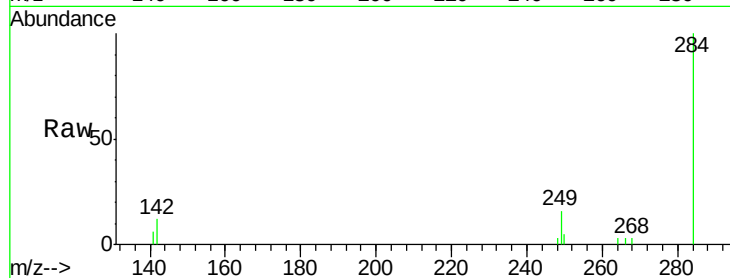
Tgt Ion: 284 Resp: 2741

Ion Ratio Lower Upper

284 100

142 40.6 32.2 48.2

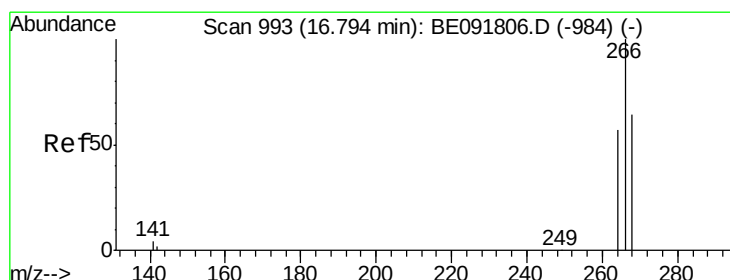
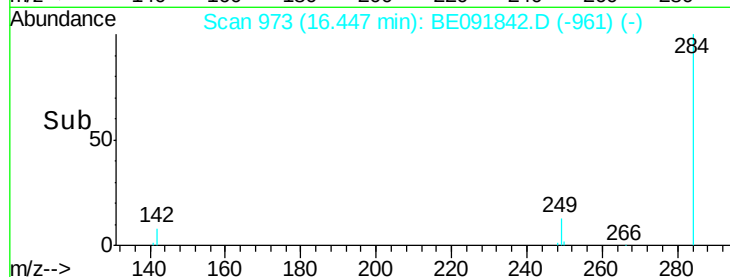
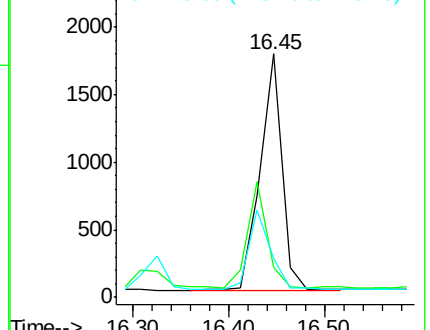
249 33.1 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.28 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

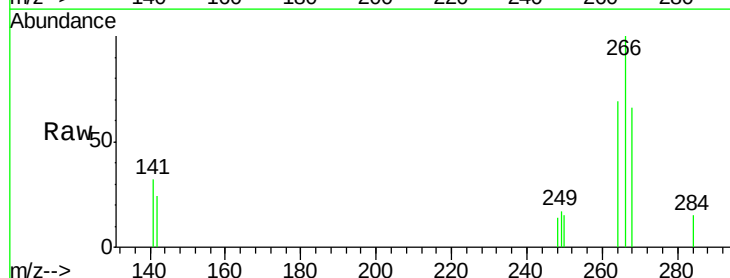
Tgt Ion: 266 Resp: 907

Ion Ratio Lower Upper

266 100

268 66.4 58.2 87.2

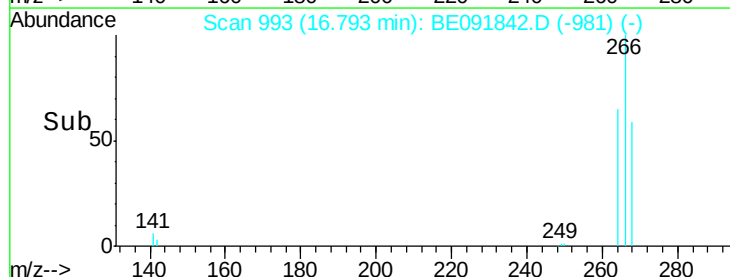
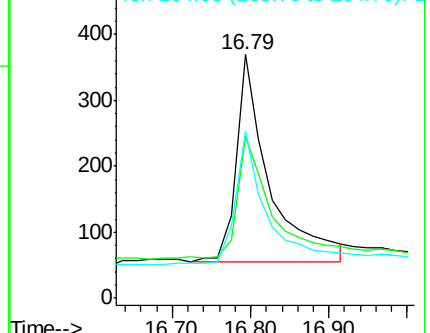
264 68.8 56.2 84.4

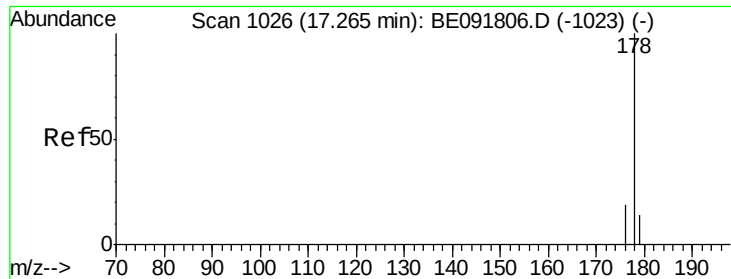


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.34 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

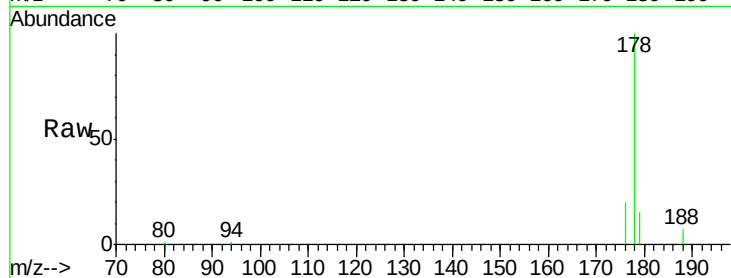
Tgt Ion:178 Resp: 17280

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

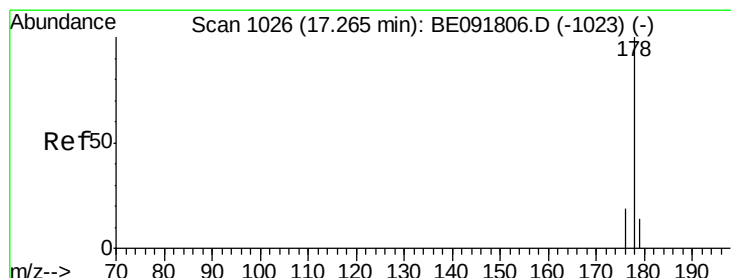
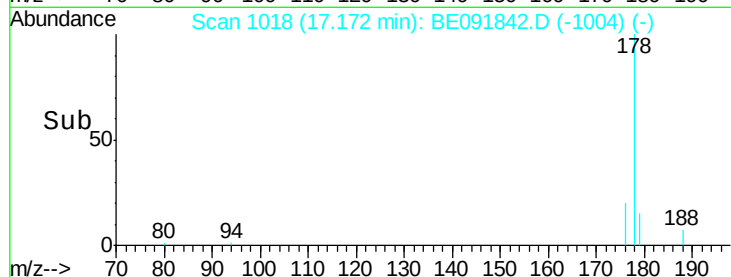
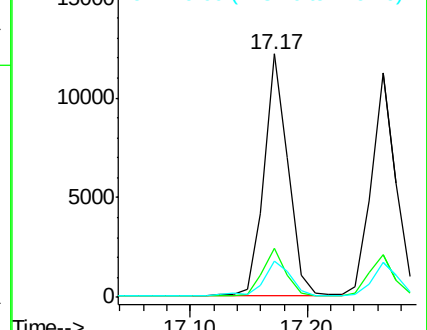
179 17.4 12.6 18.8



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: 0.36 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

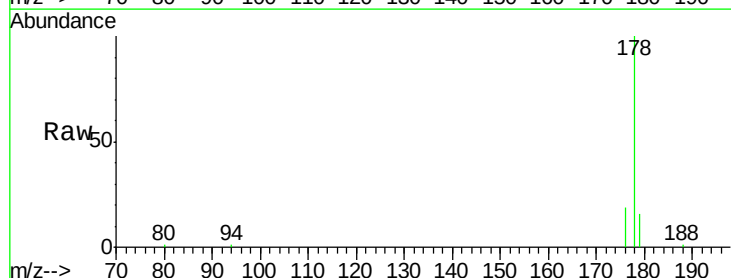
Tgt Ion:178 Resp: 16232

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

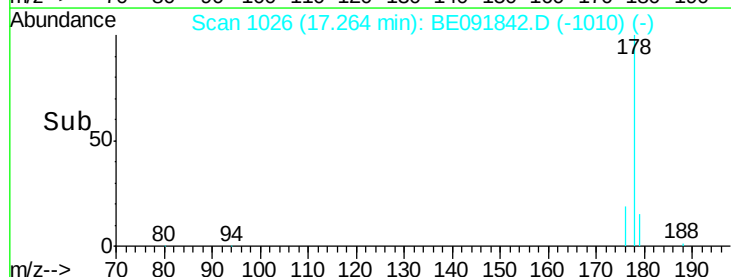
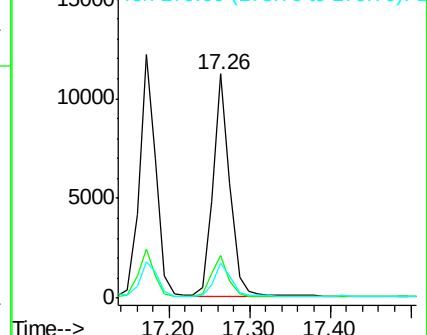
179 15.4 11.8 17.6

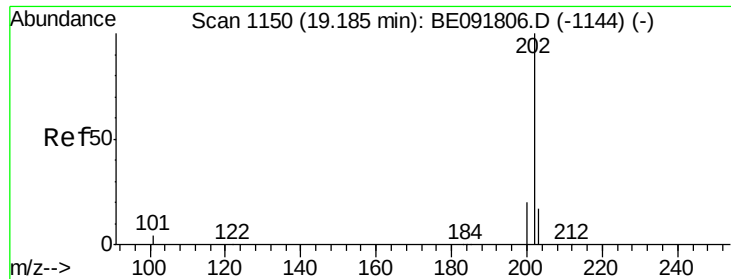


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.40 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

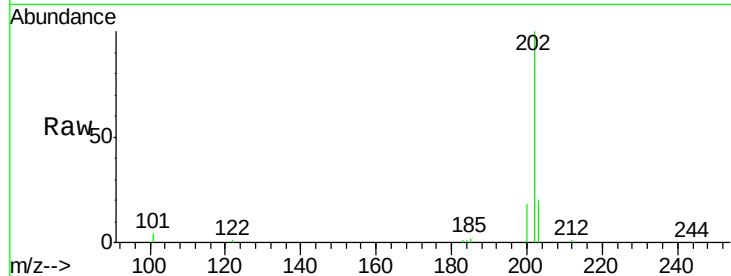
Tgt Ion:202 Resp: 21975

Ion Ratio Lower Upper

202 100

101 11.1 11.0 16.6

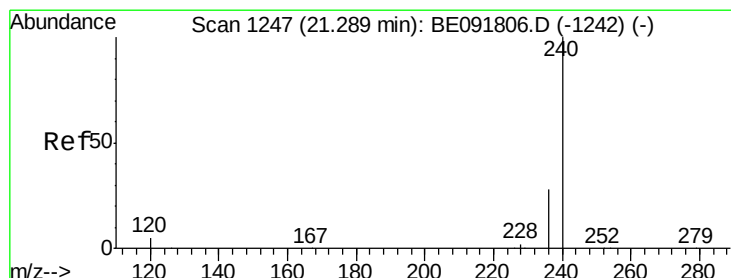
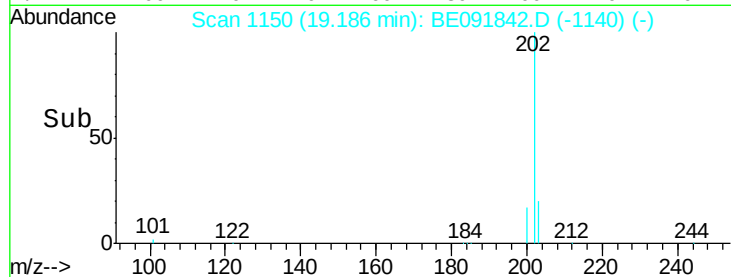
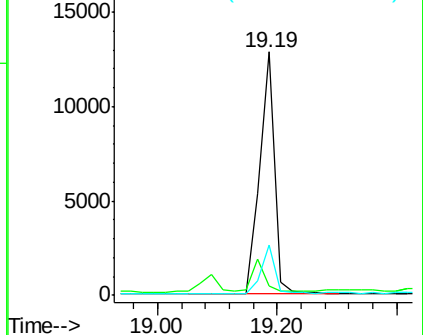
203 18.3 13.9 20.9



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# 1247

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

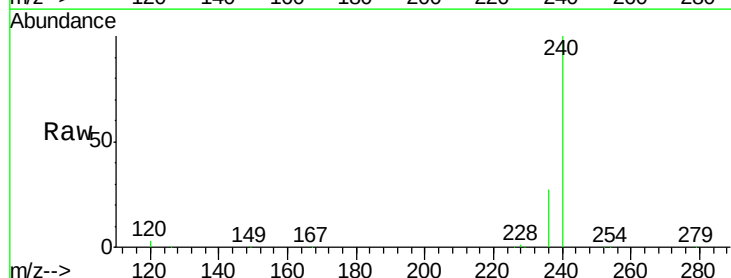
Tgt Ion:240 Resp: 297350

Ion Ratio Lower Upper

240 100

120 2.7 11.0 16.4#

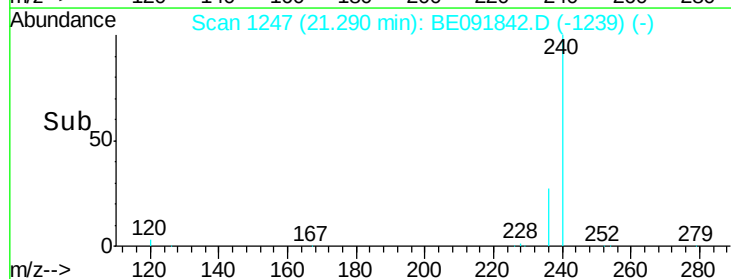
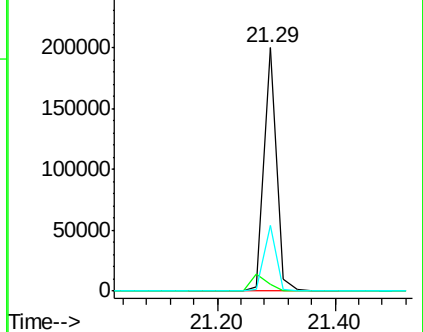
236 26.9 21.7 32.5

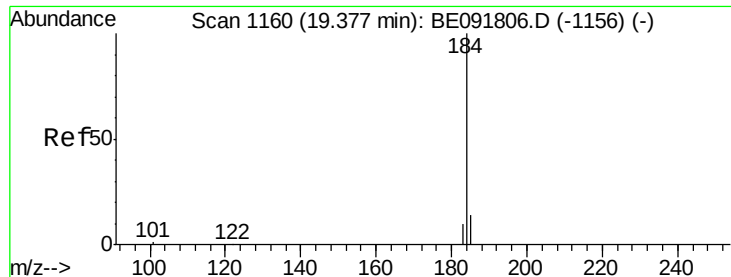


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.53 ng

RT: 19.36 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

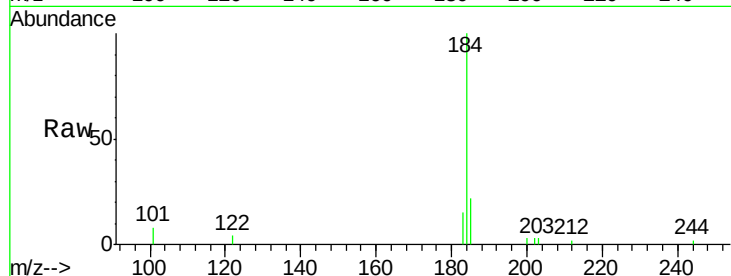
Tgt Ion:184 Resp: 9111

Ion Ratio Lower Upper

184 100

185 21.9 22.3 33.5#

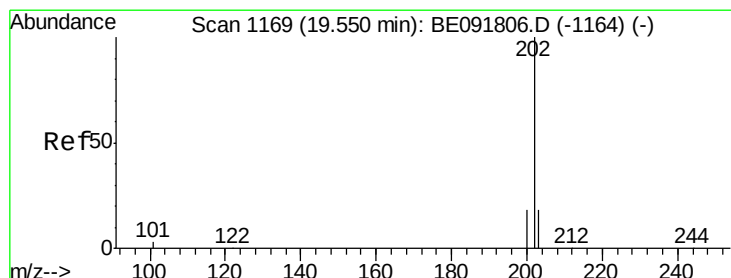
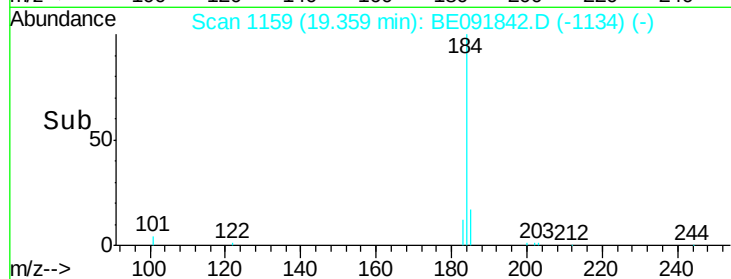
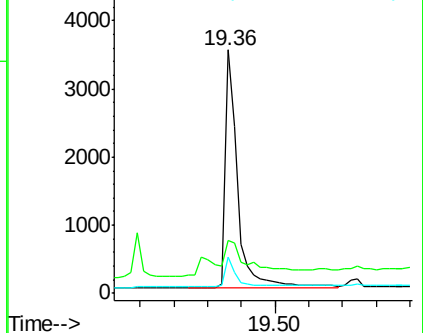
183 14.8 16.4 24.6#



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: 0.35 ng

RT: 19.53 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

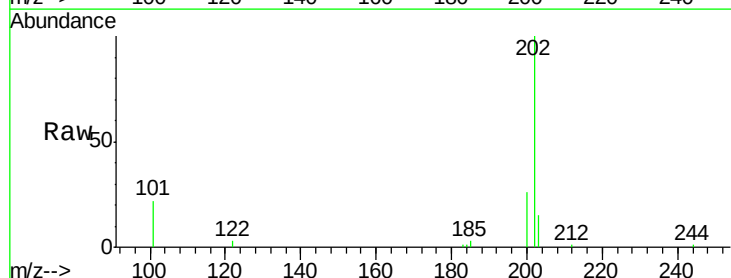
Tgt Ion:202 Resp: 23028

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

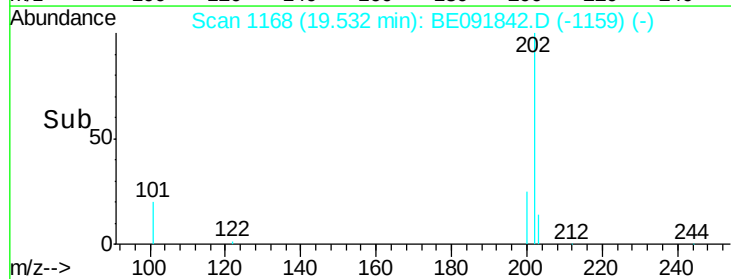
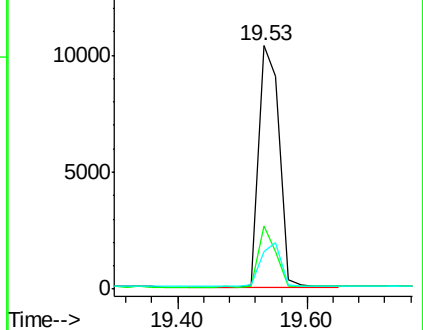
203 17.6 14.0 21.0

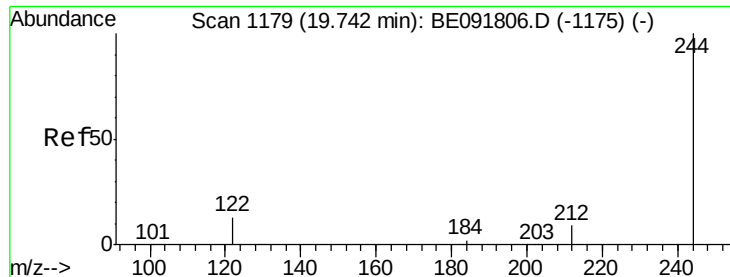


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.39 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

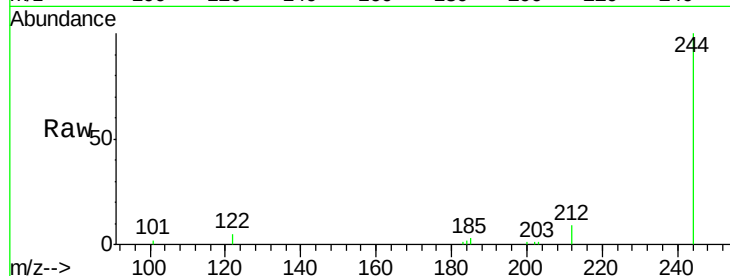
Tgt Ion:244 Resp: 16449

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

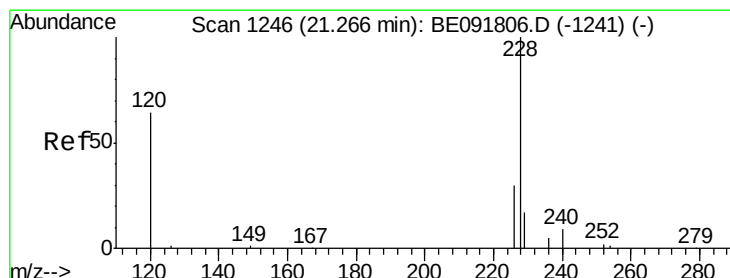
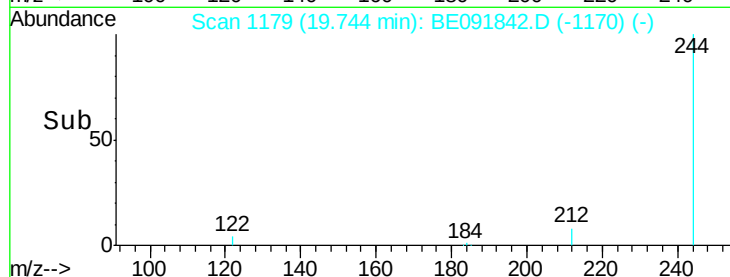
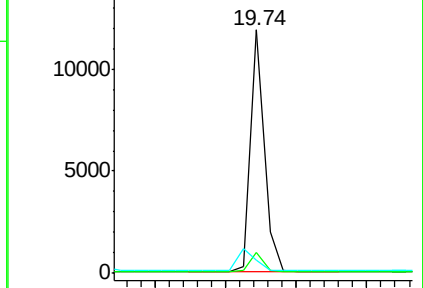
122 5.5 11.0 16.4#



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: 0.74 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

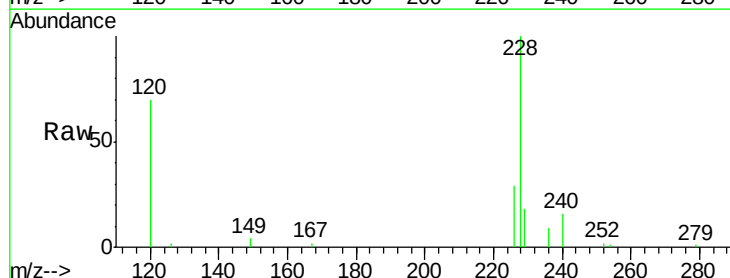
Tgt Ion:228 Resp: 52753

Ion Ratio Lower Upper

228 100

226 29.2 21.0 31.4

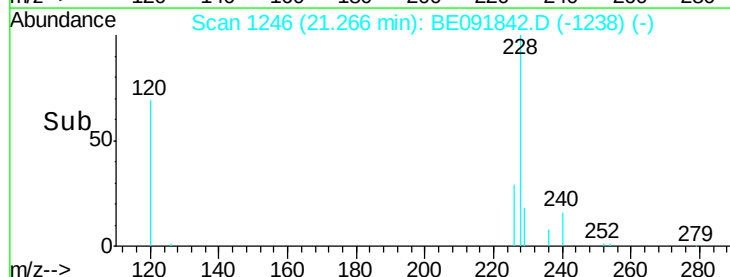
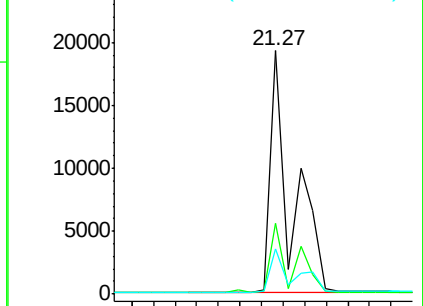
229 18.4 15.7 23.5

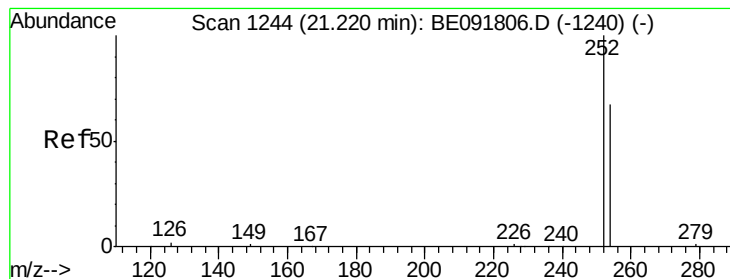


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

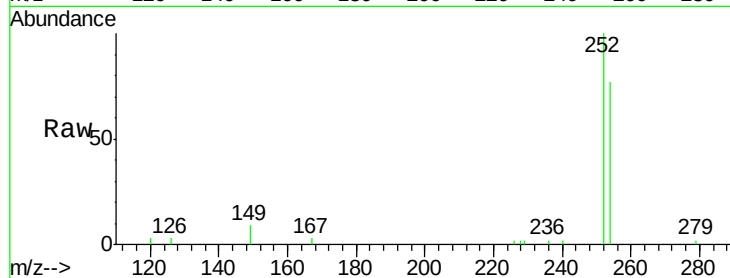




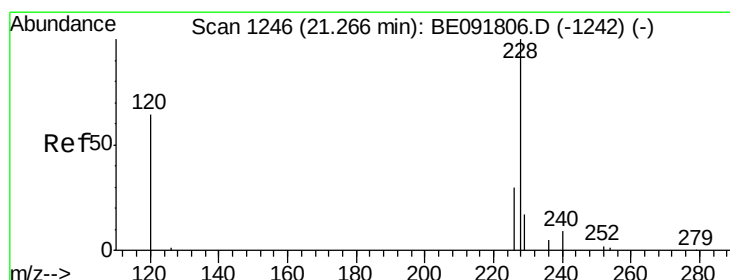
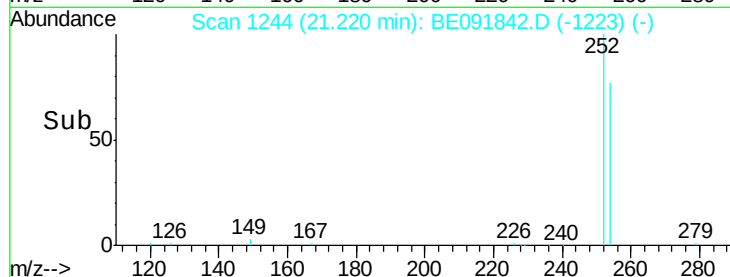
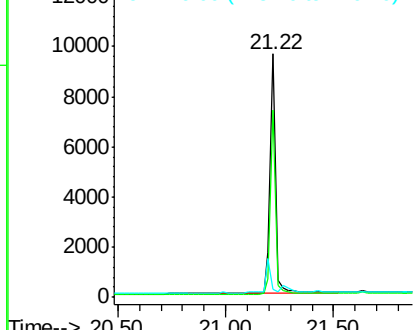
#31
 3,3'-Dichlorobenzidine
 Concen: 0.40 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091842.D
 Acq: 23 May 2016 11:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 252 Resp: 18379
 Ion Ratio Lower Upper
 252 100
 254 77.2 51.1 76.7#
 126 3.2 12.6 18.8#

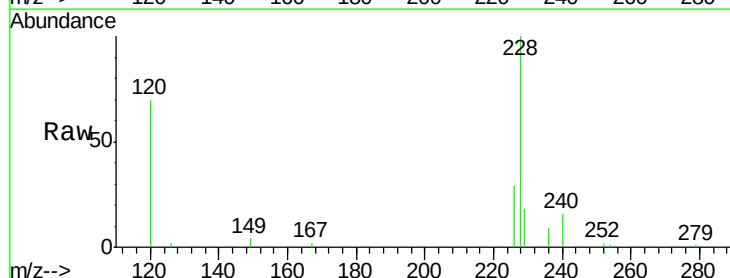


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

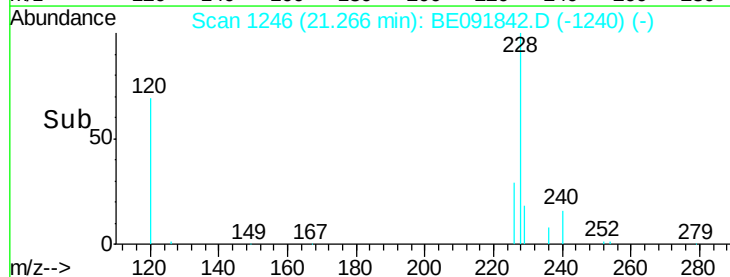
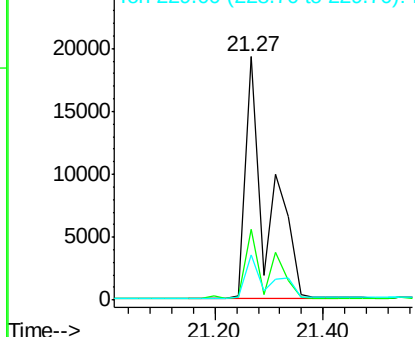


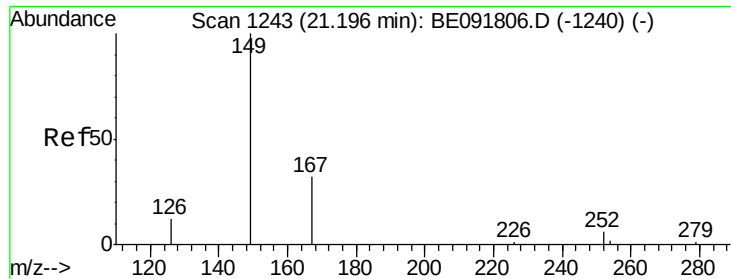
#32
 Chrysene
 Concen: 0.89 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091842.D
 Acq: 23 May 2016 11:38

Tgt Ion: 228 Resp: 52915
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.0 36.0
 229 18.4 15.9 23.9



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

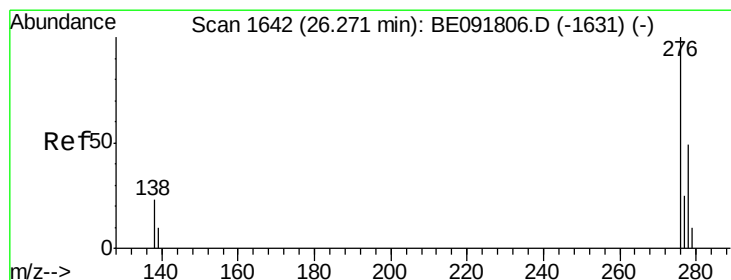
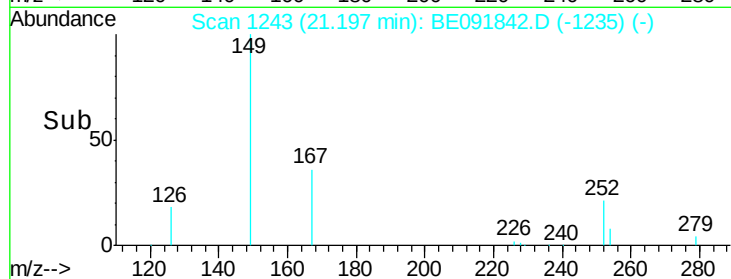
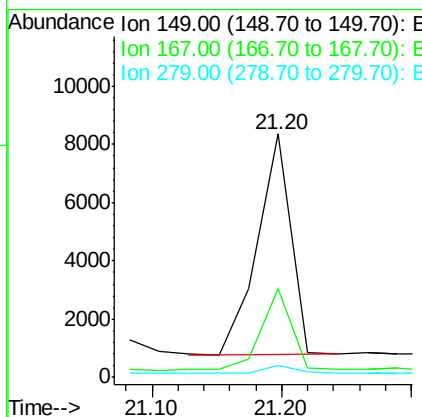
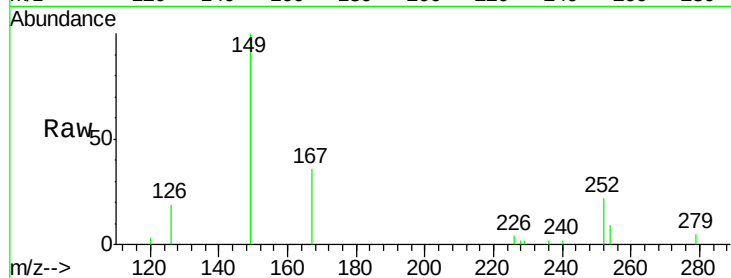




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.57 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091842.D
 Acq: 23 May 2016 11:38

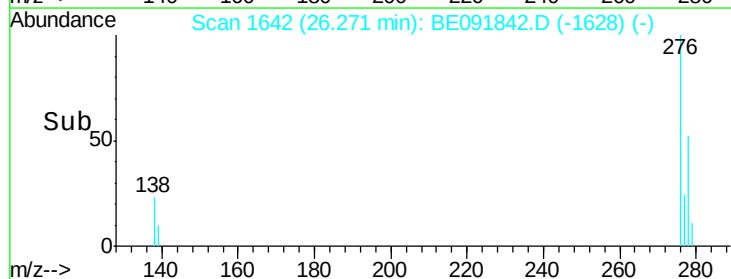
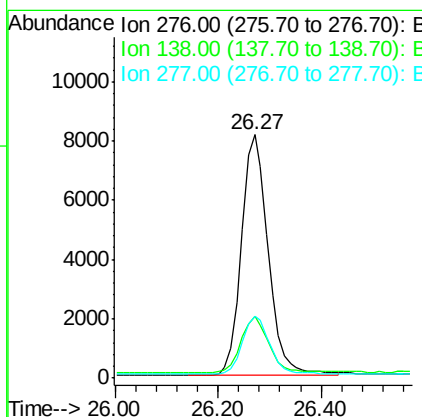
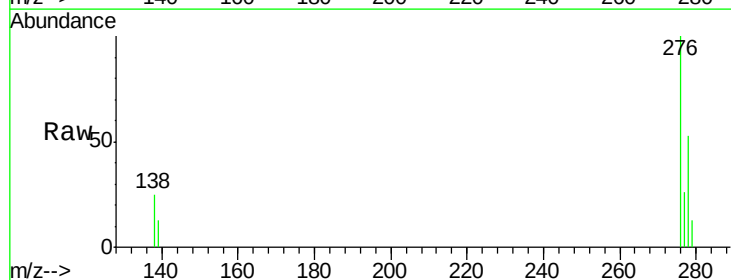
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

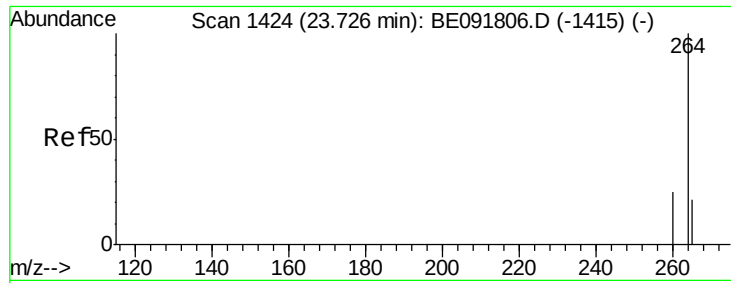
Tgt Ion: 149 Resp: 13710
 Ion Ratio Lower Upper
 149 100
 167 32.6 19.5 29.3#
 279 4.4 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.40 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091842.D
 Acq: 23 May 2016 11:38

Tgt Ion: 276 Resp: 29185
 Ion Ratio Lower Upper
 276 100
 138 24.0 23.4 35.2
 277 24.8 19.8 29.8

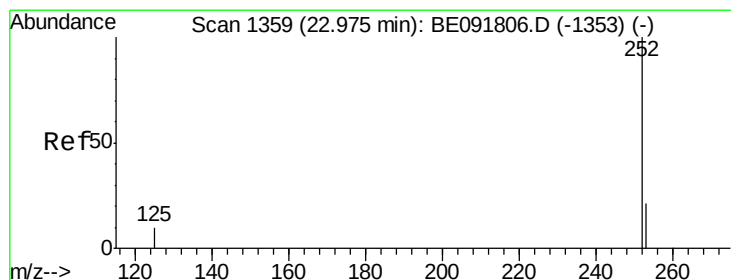
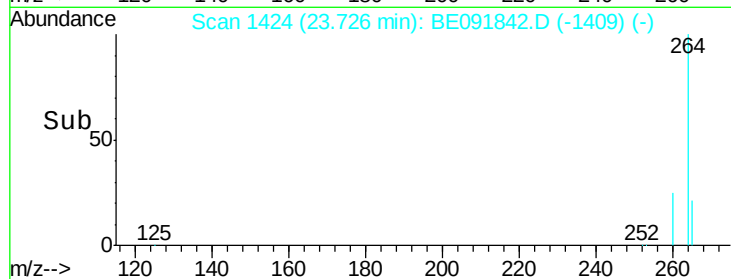
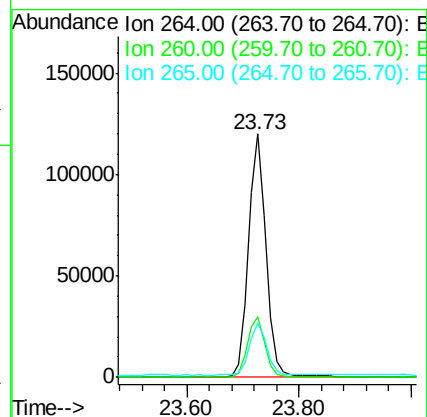
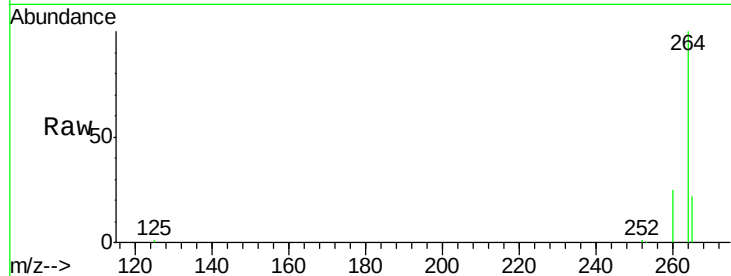




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091842.D
 Acq: 23 May 2016 11:38

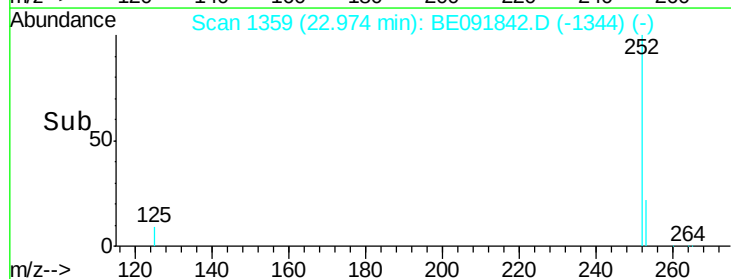
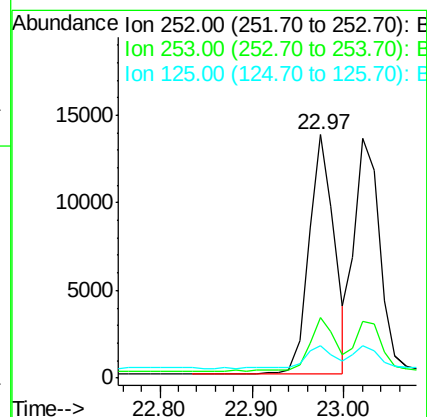
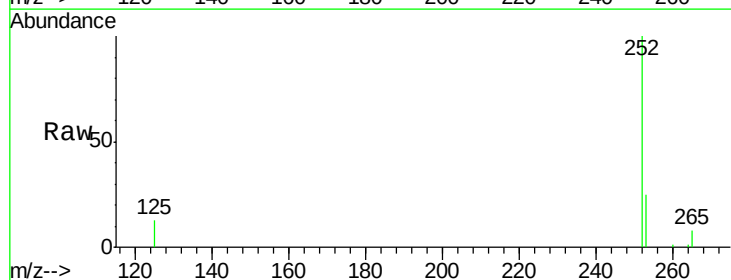
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

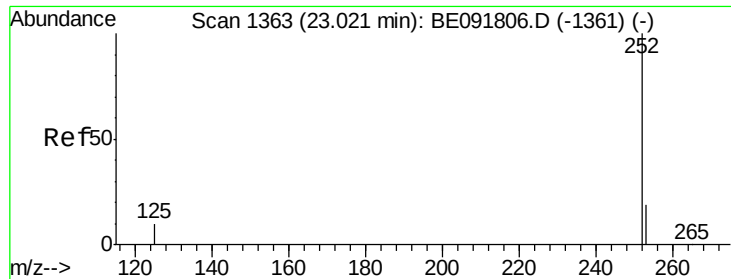
Tgt Ion: 264 Resp: 262485
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 22.3 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091842.D
 Acq: 23 May 2016 11:38

Tgt Ion: 252 Resp: 26140
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.4 26.0
 125 13.3 10.2 15.2

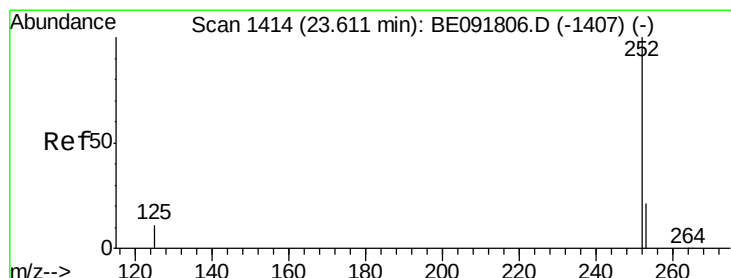
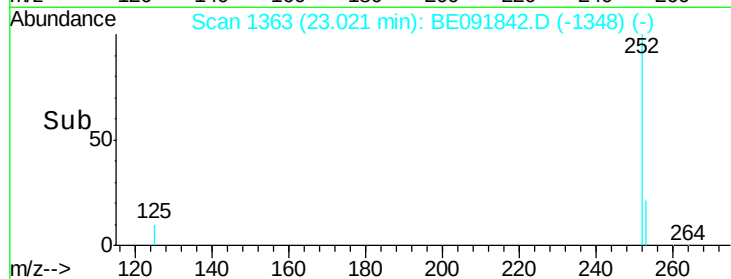
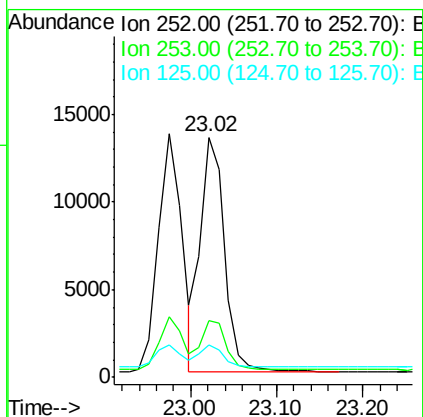
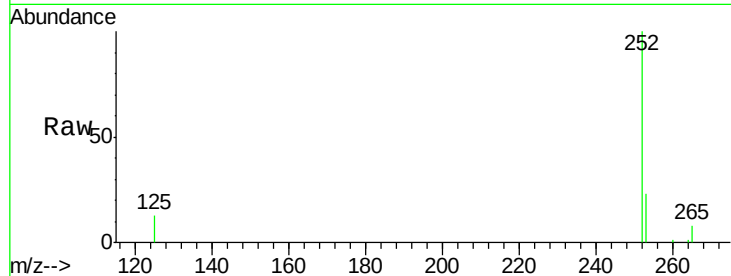




#37
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

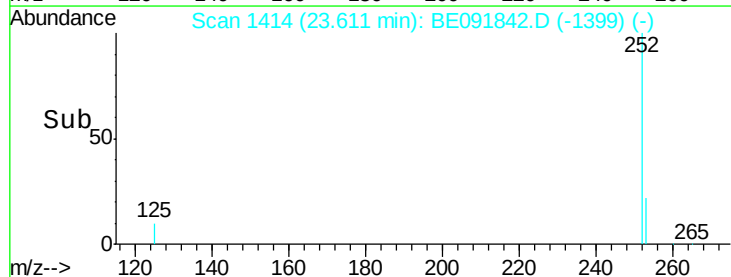
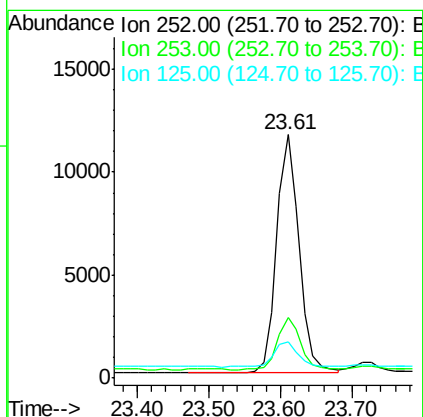
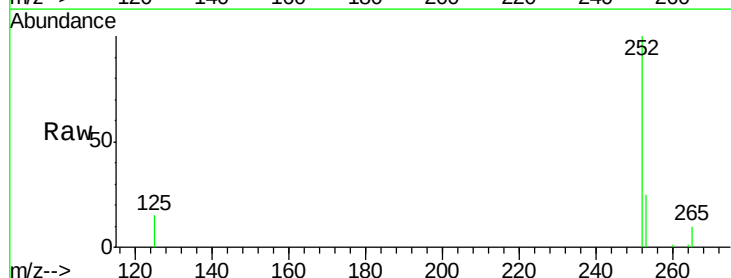
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

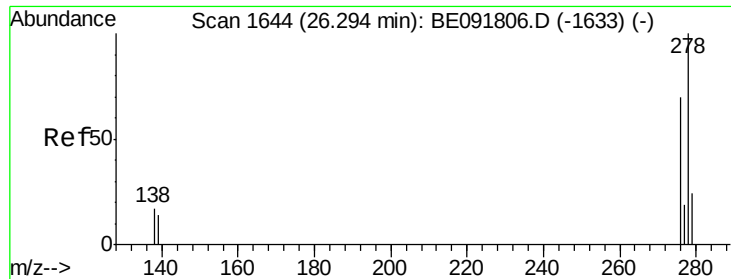
Tgt Ion: 252 Resp: 26221
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 13.5 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.61 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE091842.D
Acq: 23 May 2016 11:38

Tgt Ion: 252 Resp: 25153
Ion Ratio Lower Upper
252 100
253 25.0 18.1 27.1
125 14.9 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.39 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

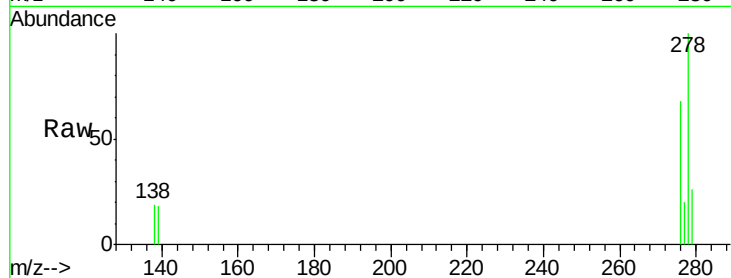
Tgt Ion: 278 Resp: 24083

Ion Ratio Lower Upper

278 100

139 18.4 16.0 24.0

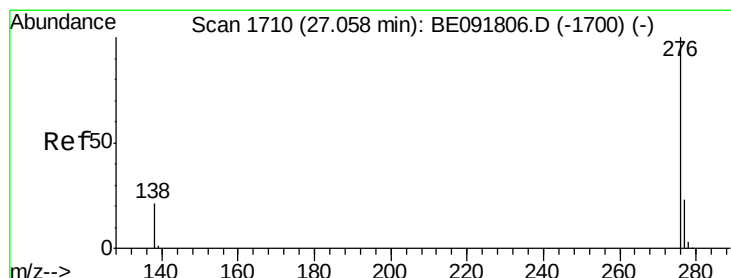
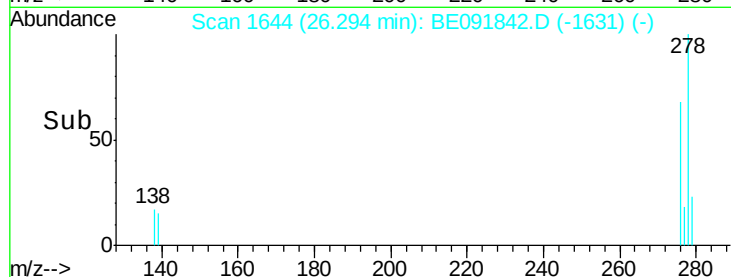
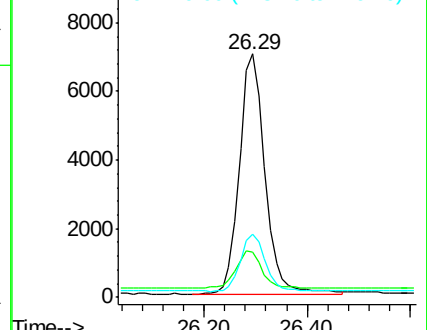
279 25.8 19.4 29.2



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: 0.39 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091842.D

Acq: 23 May 2016 11:38

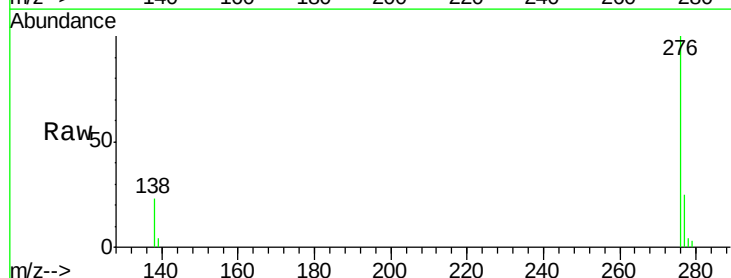
Tgt Ion: 276 Resp: 24485

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 22.8 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

