

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051916\
 Data File : BE091839.D
 Acq On : 20 May 2016 16:06
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 20 17:22:16 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	7.80	152	29668	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	154172	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	93584	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	245757	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	258764	5.00	ng	-0.02
35) Perylene-d12	23.73	264	242505	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3250	0.42	ng	0.00
5) Phenol-d6	6.97	99	4645	0.43	ng	0.02
8) Nitrobenzene-d5	8.95	82	4179	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1375	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10572	0.40	ng	-0.01
29) Terphenyl-d14	19.74	244	15957	0.44	ng	-0.02

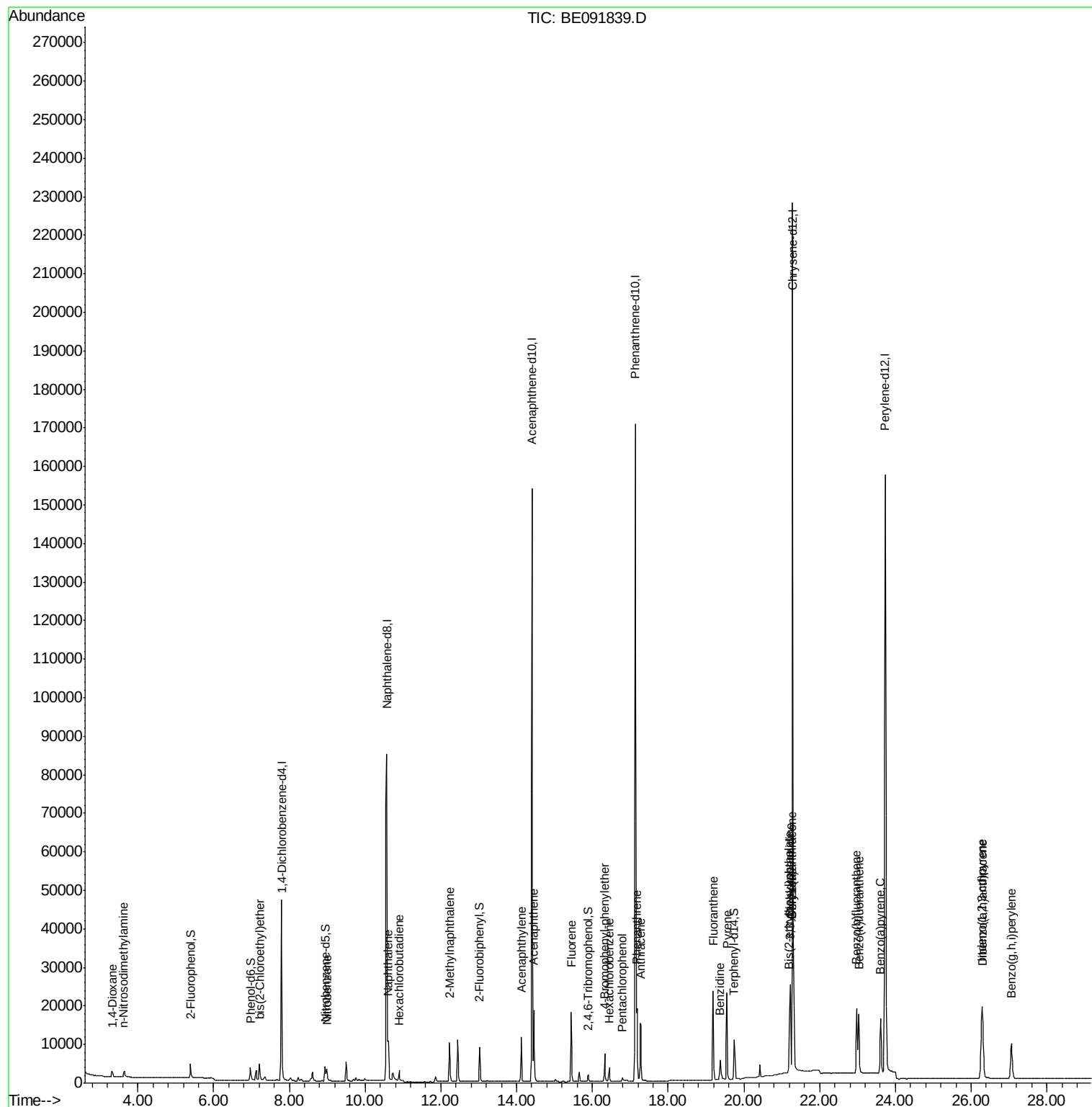
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1294	0.37	ng	# 93
3) n-Nitrosodimethylamine	3.63	42	1722	0.36	ng	# 99
6) bis(2-Chloroethyl)ether	7.21	93	3408	0.39	ng	# 79
9) Nitrobenzene	8.99	77	4146	0.39	ng	93
10) Naphthalene	10.61	128	13083	0.38	ng	99
11) Hexachlorobutadiene	10.90	225	2574	0.51	ng	89
12) 2-Methylnaphthalene	12.23	142	8471	0.37	ng	97
16) Acenaphthylene	14.12	152	16897	0.40	ng	# 77
17) Acenaphthene	14.46	154	9800	0.39	ng	92
18) Fluorene	15.44	166	11969	0.37	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	3606	0.39	ng	91
21) Hexachlorobenzene	16.45	284	3567	0.37	ng	99
22) Pentachlorophenol	16.79	266	999	0.25	ng	95
23) Phenanthrene	17.18	178	21387	0.35	ng	99
24) Anthracene	17.26	178	20008	0.37	ng	99
25) Fluoranthene	19.19	202	24645	0.38	ng	# 96
27) Benzidine	19.38	184	9924	0.65	ng	# 80
28) Pyrene	19.55	202	25175	0.44	ng	99
30) Benzo(a)anthracene	21.27	228	46741	0.75	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	22124	0.56	ng	# 93
32) Chrysene	21.27	228	46884	0.91	ng	96
33) Bis(2-ethylhexyl)phthalate	21.20	149	15869	0.67	ng	# 83
34) Indeno(1,2,3-cd)pyrene	26.28	276	28150	0.44	ng	95
36) Benzo(b)fluoranthene	22.98	252	24087	0.40	ng	96
37) Benzo(k)fluoranthene	23.03	252	25320	0.41	ng	94
38) Benzo(a)pyrene	23.61	252	23873	0.41	ng	# 95
39) Dibenzo(a,h)anthracene	26.29	278	23185	0.41	ng	98
40) Benzo(g,h,i)perylene	27.06	276	23529	0.40	ng	97

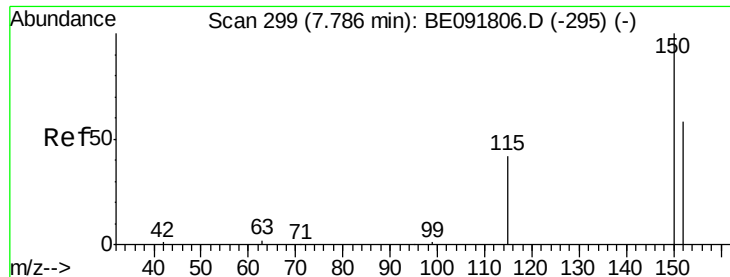
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

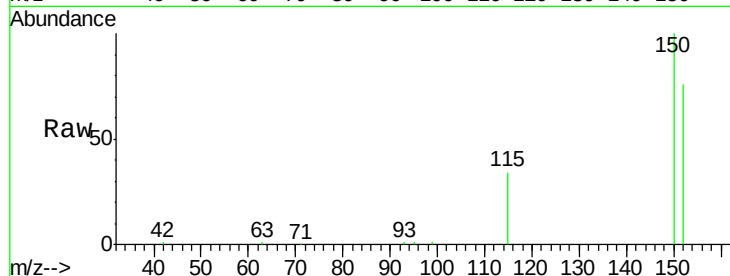
Tgt Ion:152 Resp: 29668

Ion Ratio Lower Upper

152 100

150 131.8 122.6 183.8

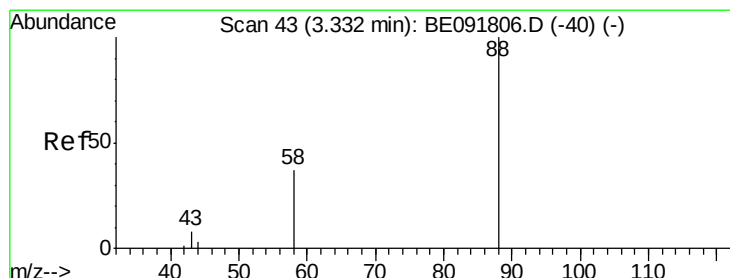
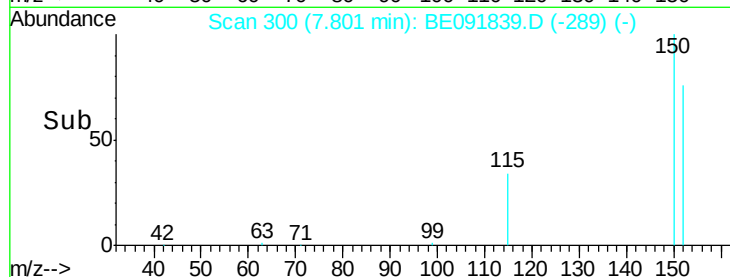
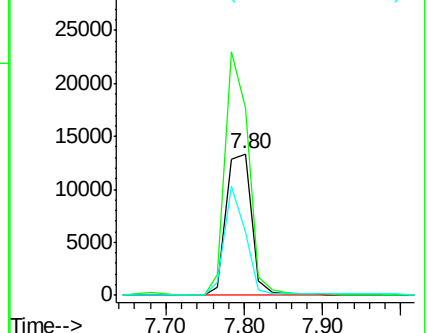
115 44.9 52.8 79.2#



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: 0.37 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

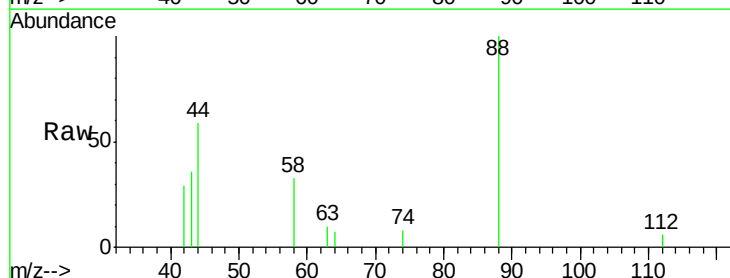
Tgt Ion: 88 Resp: 1294

Ion Ratio Lower Upper

88 100

58 84.0 65.8 98.6

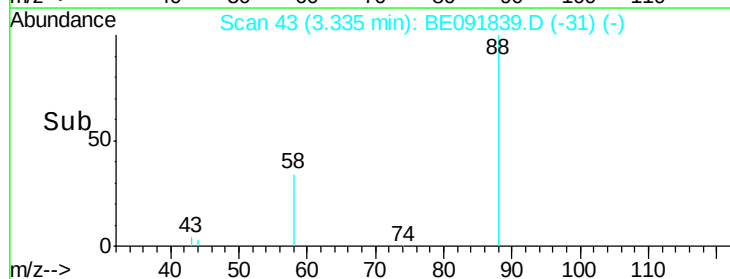
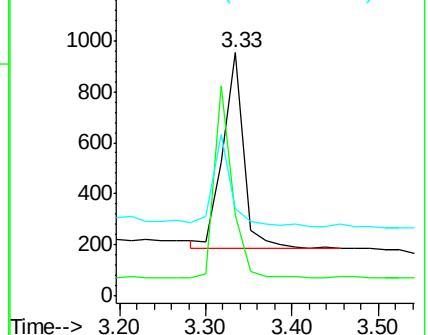
43 43.4 25.3 37.9#

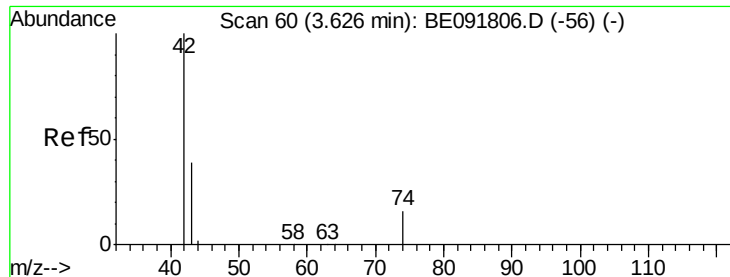


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

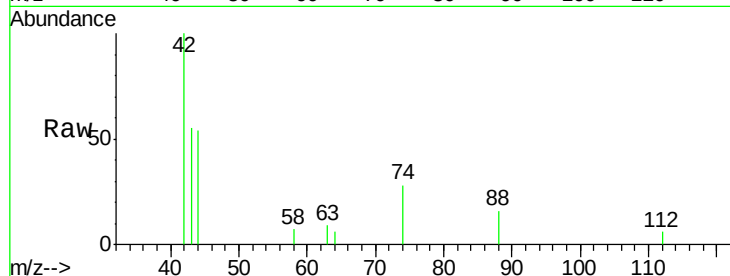
Tgt Ion: 42 Resp: 1722

Ion Ratio Lower Upper

42 100

74 109.2 87.9 131.9

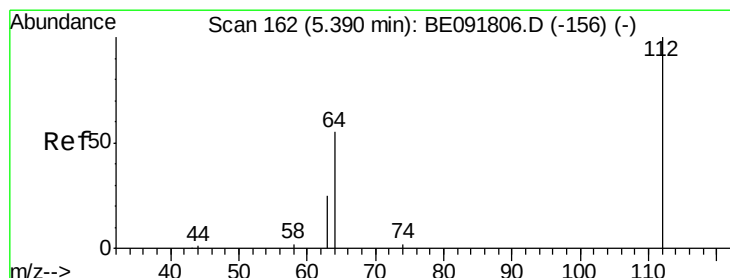
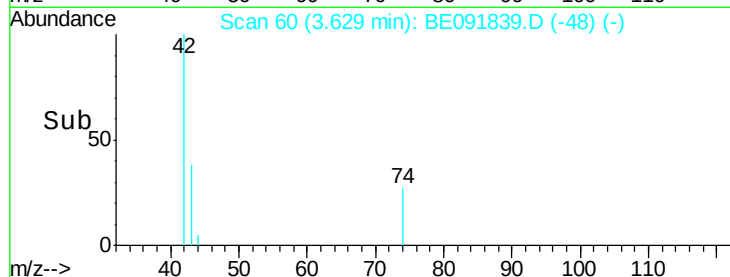
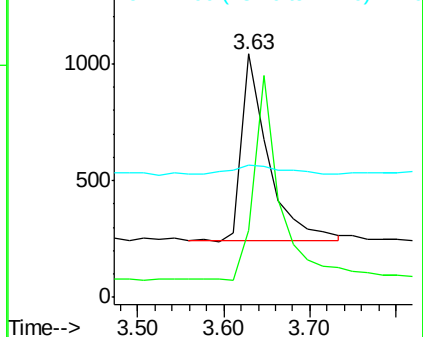
44 11.3 6.6 9.8#



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: 0.42 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

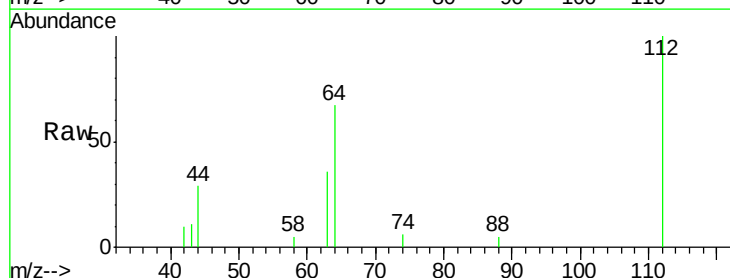
Tgt Ion: 112 Resp: 3250

Ion Ratio Lower Upper

112 100

64 68.6 30.9 46.3#

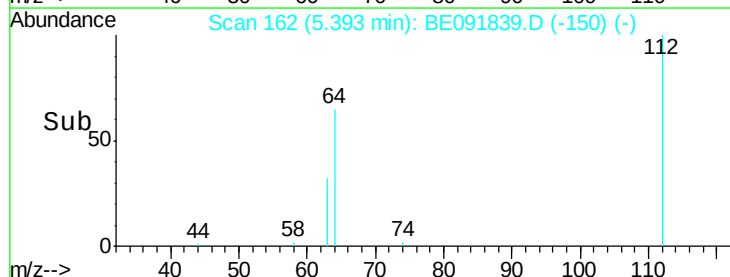
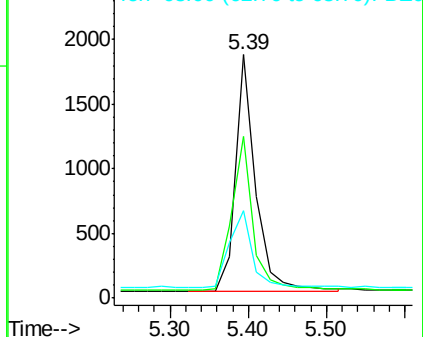
63 37.0 16.7 25.1#

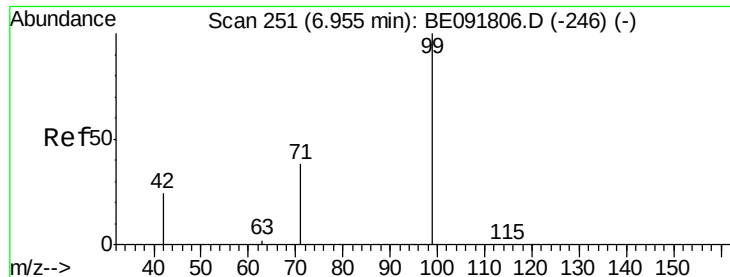


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.43 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

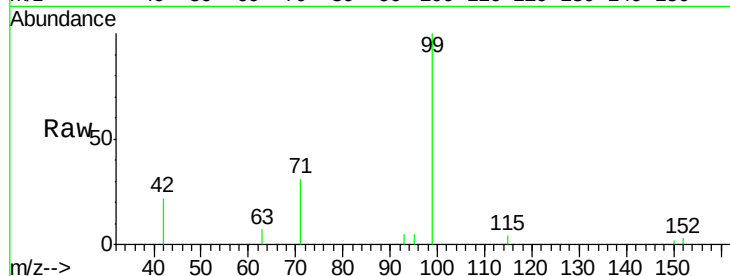
Tgt Ion: 99 Resp: 4645

Ion Ratio Lower Upper

99 100

42 25.0 16.2 24.2#

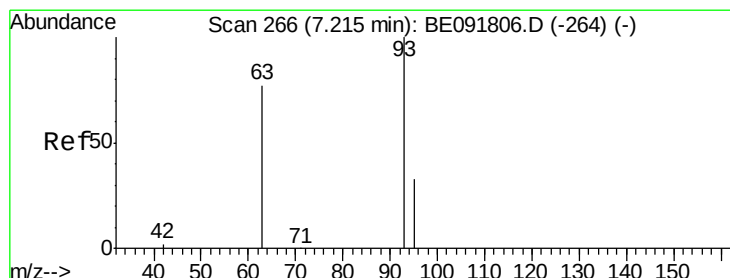
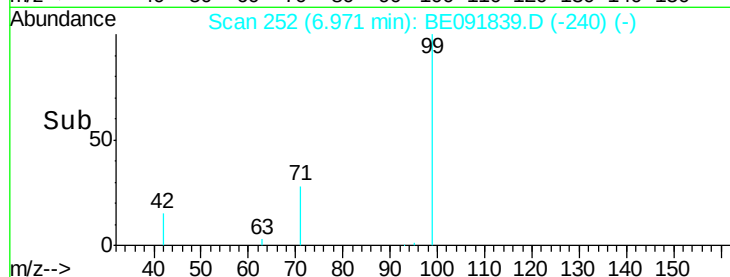
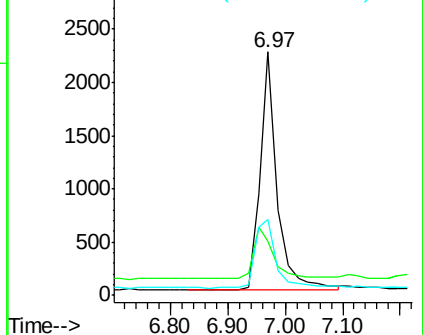
71 35.3 29.0 43.4



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: 0.39 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

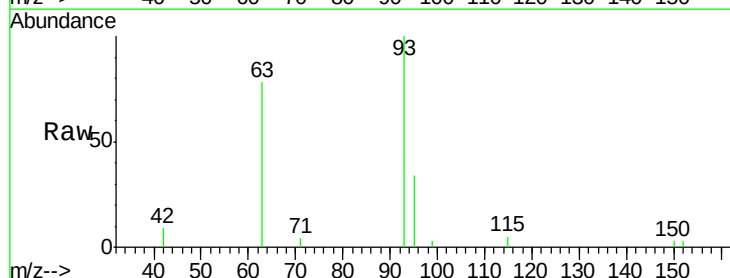
Tgt Ion: 93 Resp: 3408

Ion Ratio Lower Upper

93 100

63 82.6 49.5 74.3#

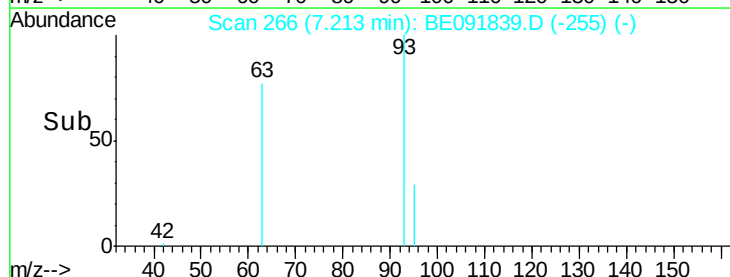
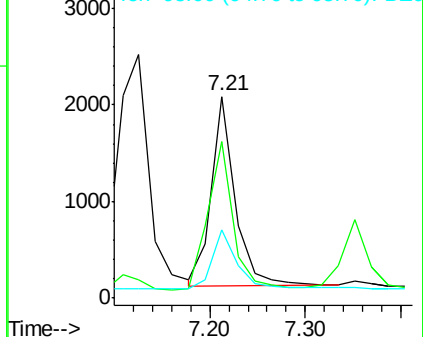
95 31.3 22.2 33.4

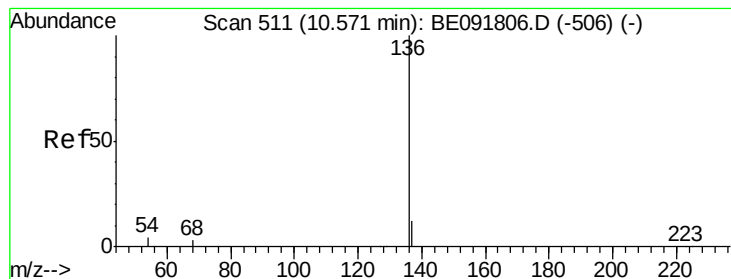


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 154172

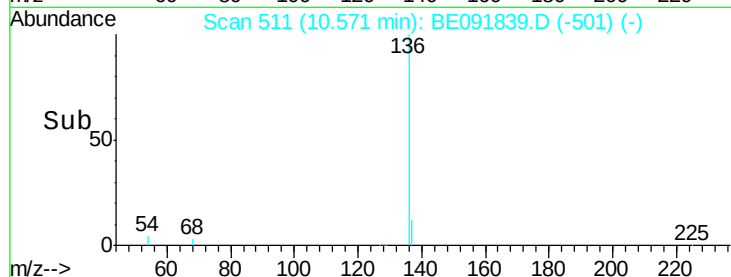
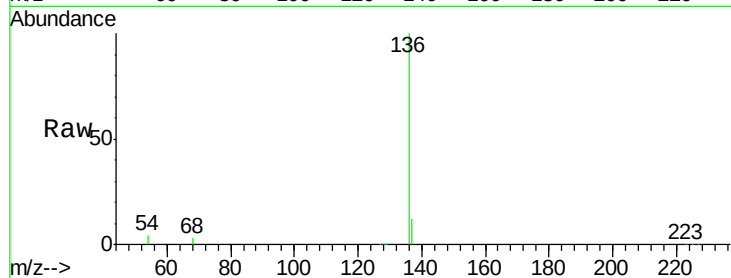
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 4.1 8.2 12.4#

68 3.5 6.2 9.4#

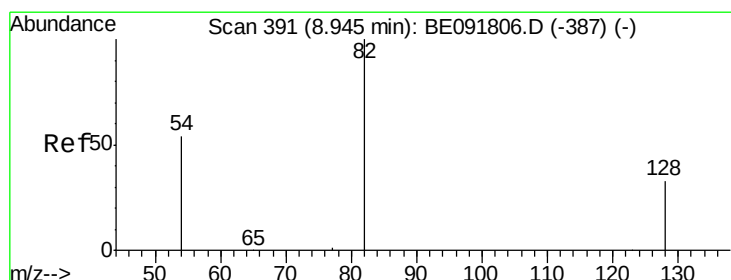
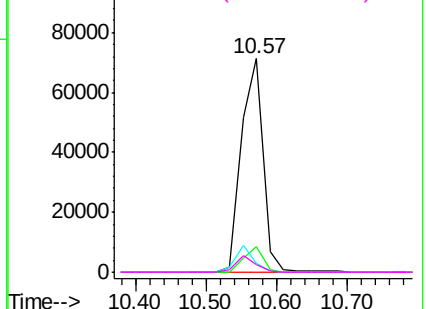


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

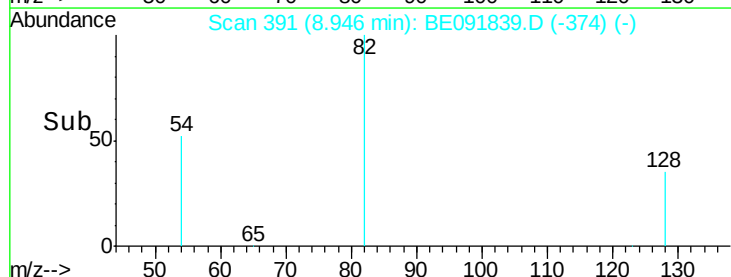
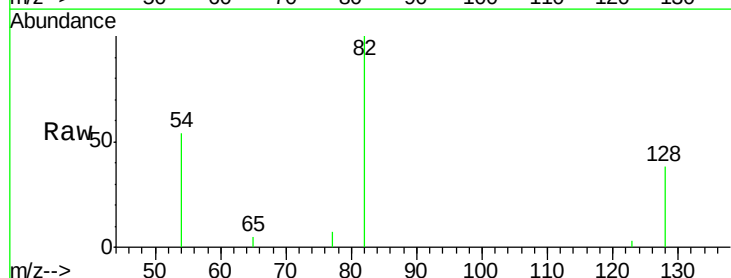
Tgt Ion: 82 Resp: 4179

Ion Ratio Lower Upper

82 100

128 38.0 25.4 38.0

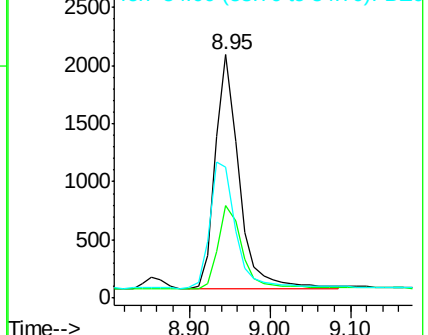
54 54.0 48.4 72.6

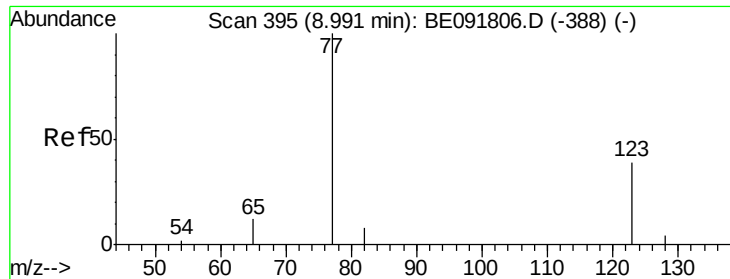


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

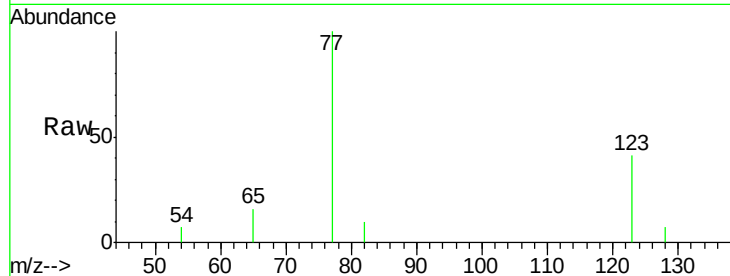
Tgt Ion: 77 Resp: 4146

Ion Ratio Lower Upper

77 100

123 38.2 26.9 40.3

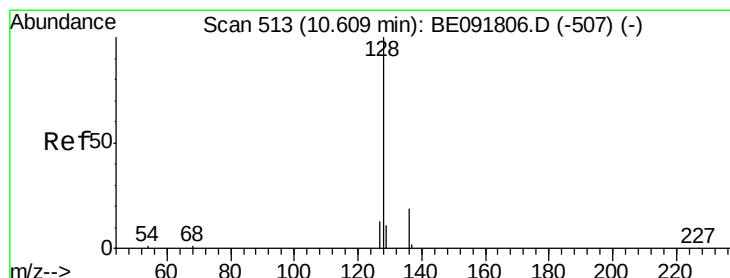
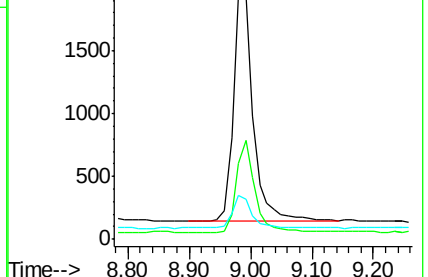
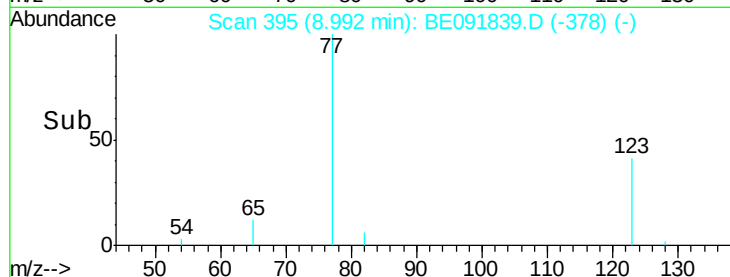
65 13.6 9.4 14.2



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: BE091839.D

Acq: 20 May 2016 16:06

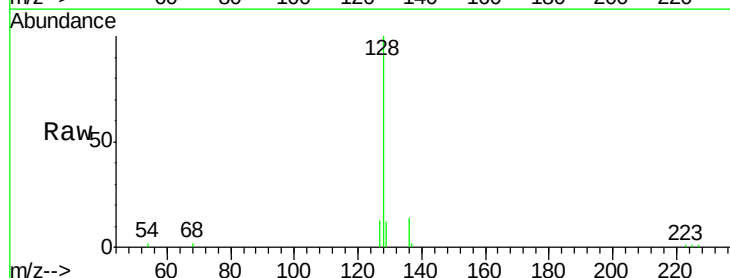
Tgt Ion: 128 Resp: 13083

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

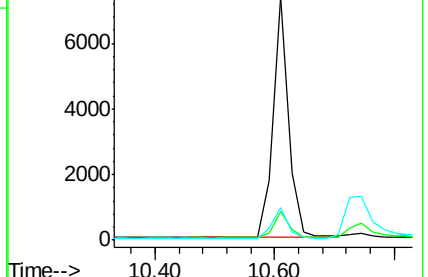
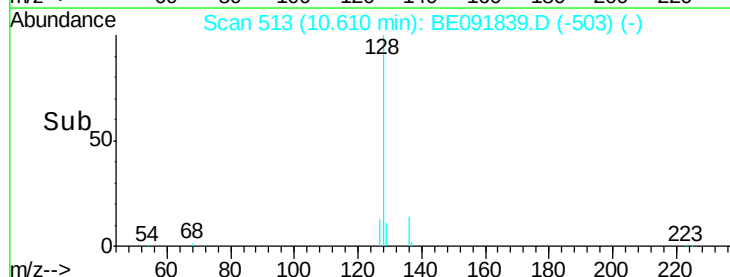
127 13.2 10.7 16.1

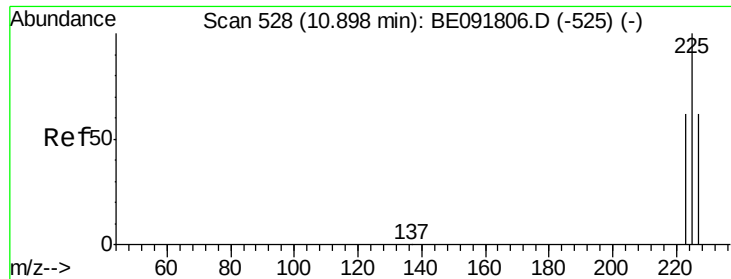


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

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

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

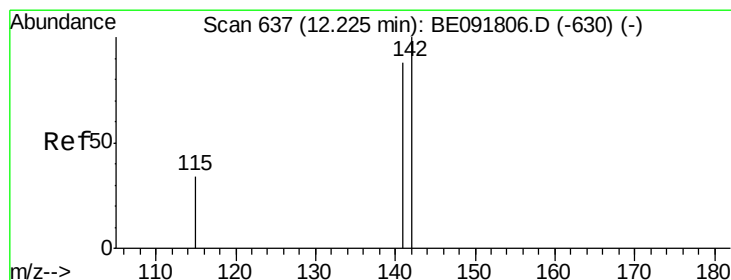
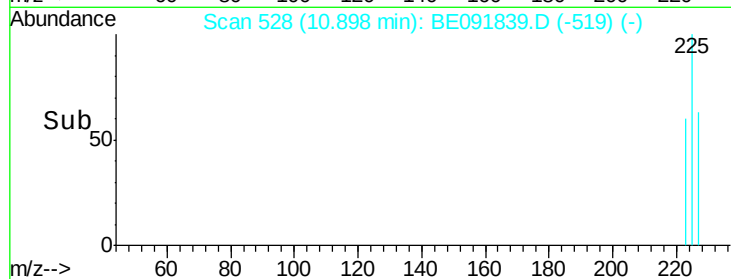
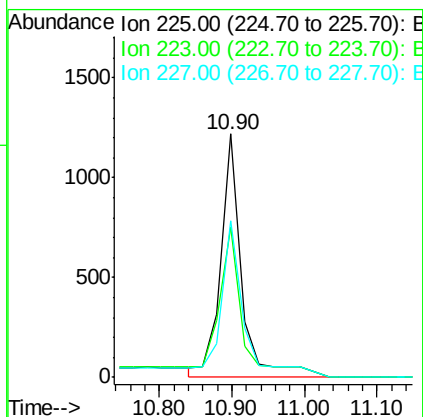
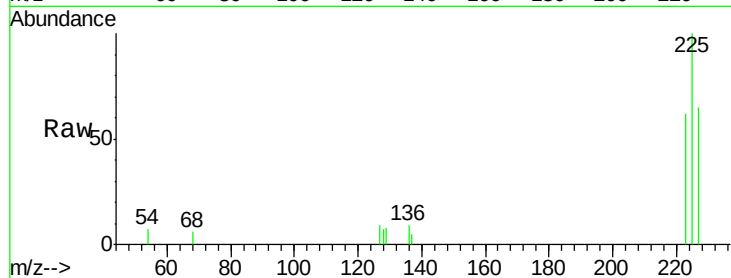




#11
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

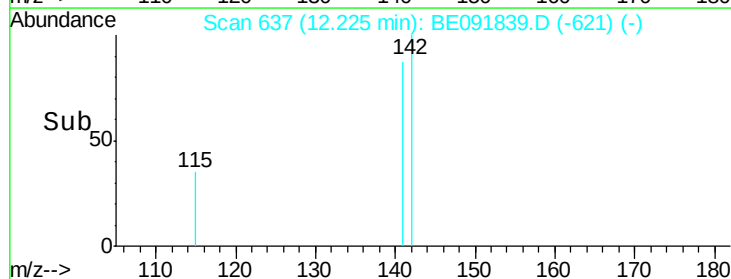
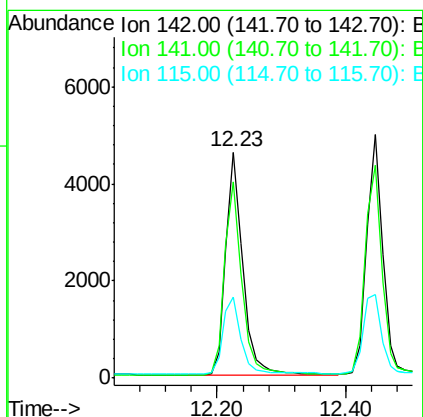
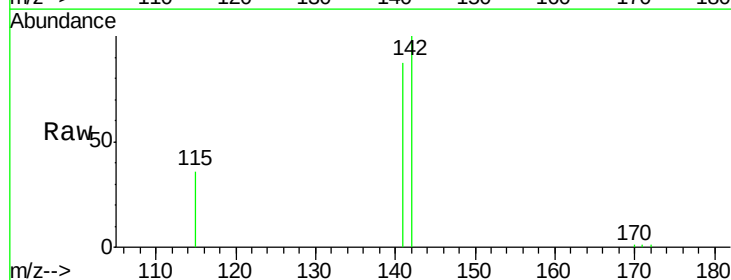
Instrument :
BNA_E
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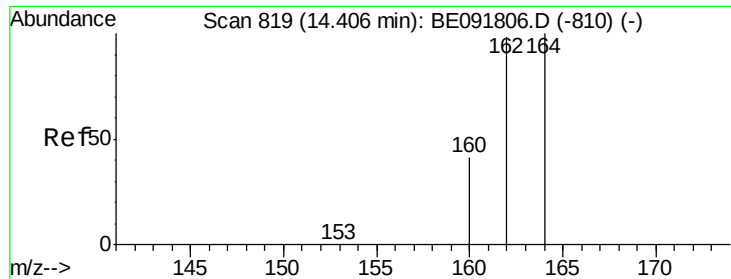
Tgt Ion: 225 Resp: 2574
Ion Ratio Lower Upper
225 100
223 70.7 49.0 73.6
227 70.1 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion: 142 Resp: 8471
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.0
115 35.8 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: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

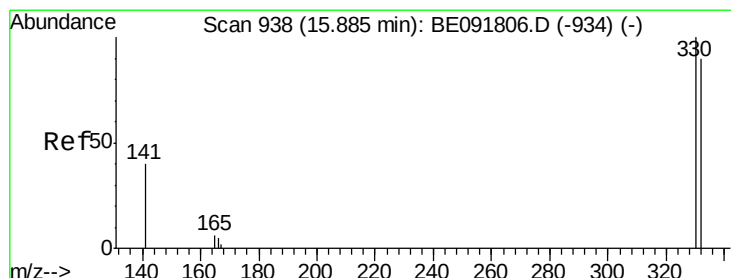
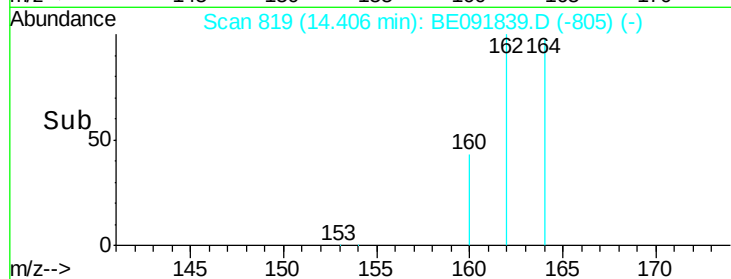
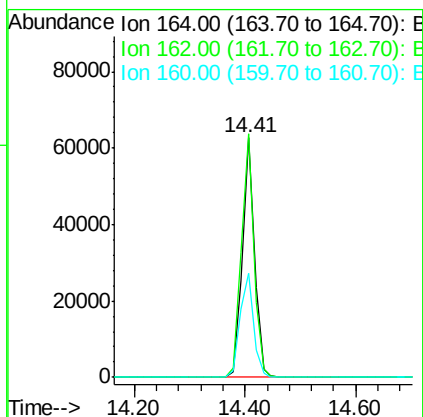
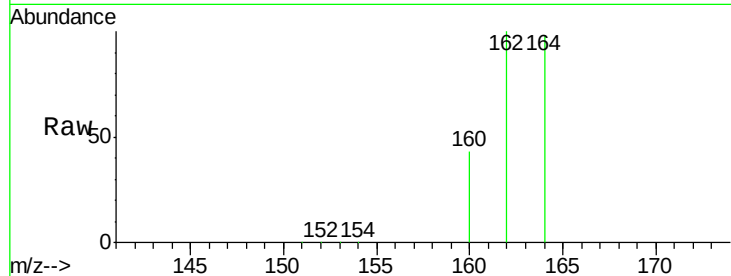
Tgt Ion:164 Resp: 93584

Ion Ratio Lower Upper

164 100

162 101.6 85.3 127.9

160 43.5 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.38 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

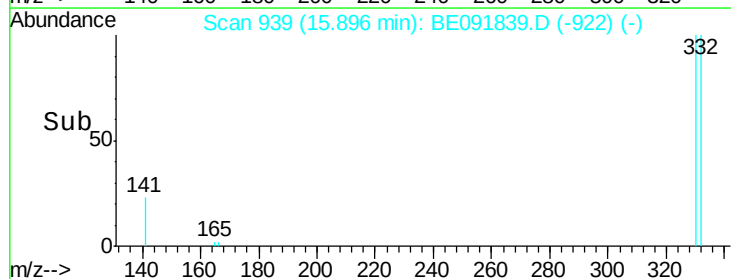
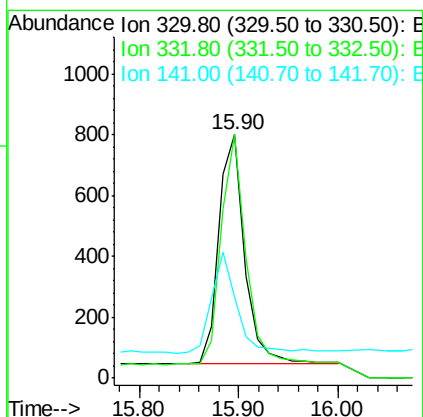
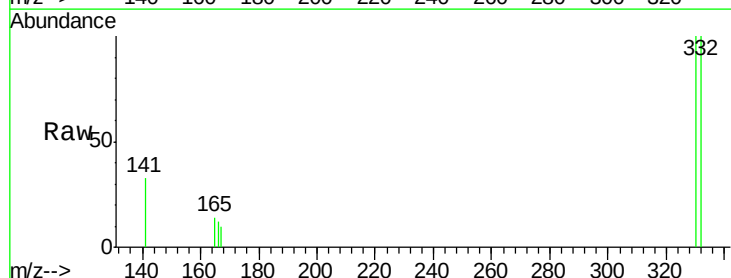
Tgt Ion:330 Resp: 1375

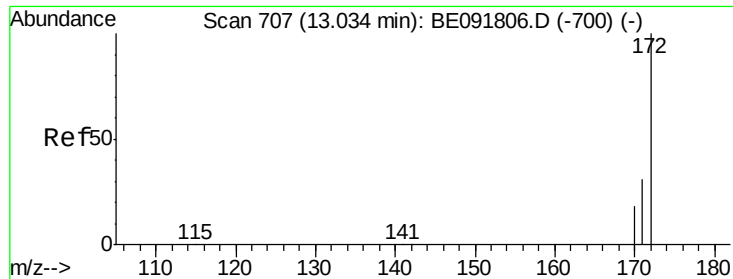
Ion Ratio Lower Upper

330 100

332 95.6 79.1 118.7

141 42.3 125.4 188.0#

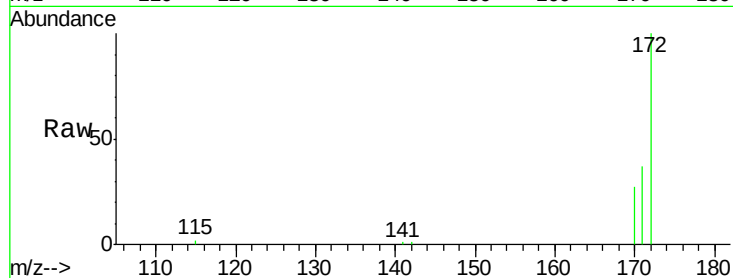




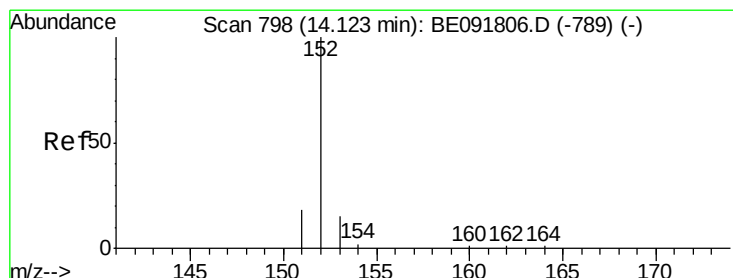
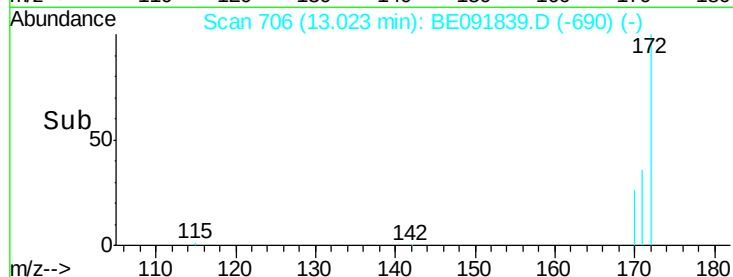
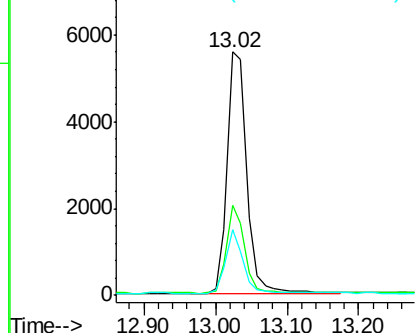
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10572
Ion Ratio Lower Upper
172 100
171 37.2 28.8 43.2
170 27.0 19.3 28.9

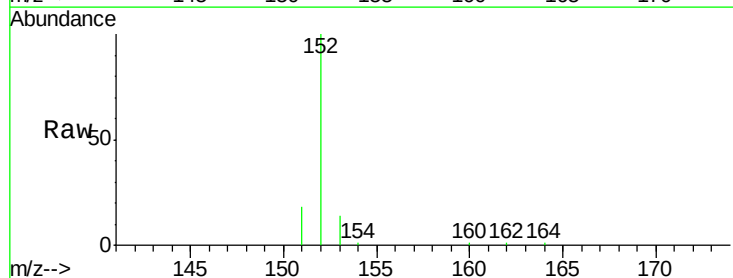


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

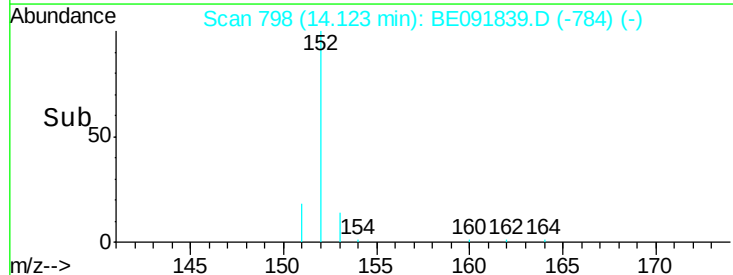
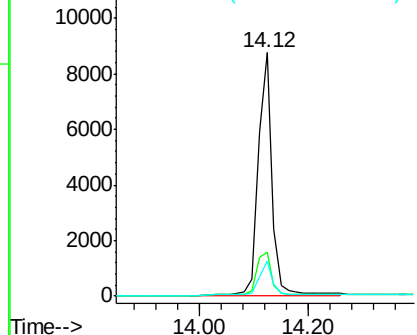


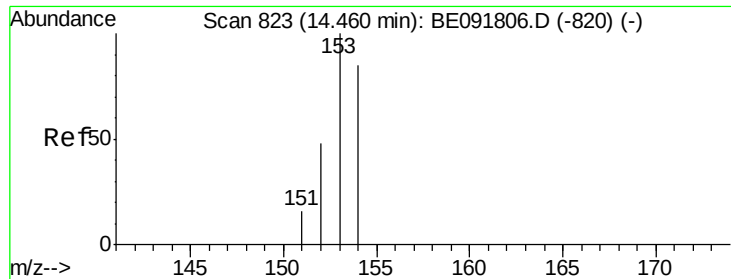
#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:152 Resp: 16897
Ion Ratio Lower Upper
152 100
151 23.4 3.9 5.9#
153 17.3 10.3 15.5#



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





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

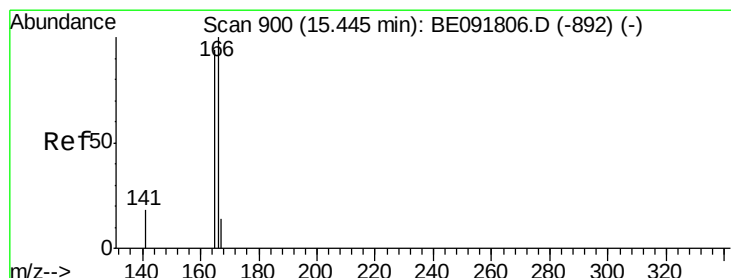
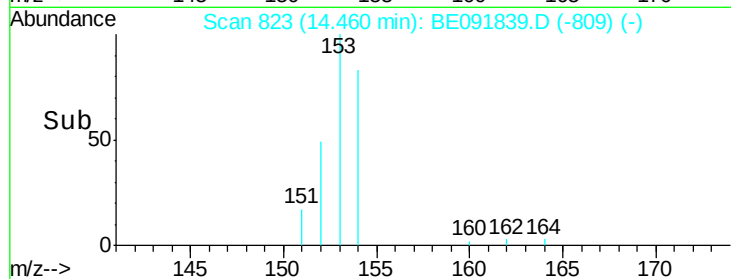
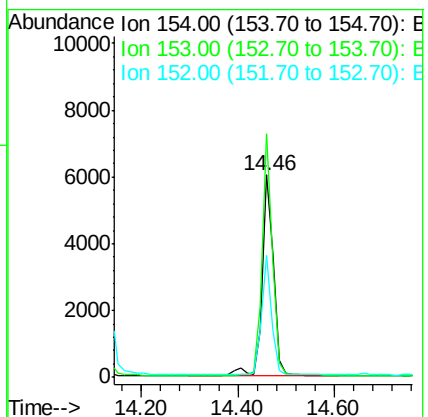
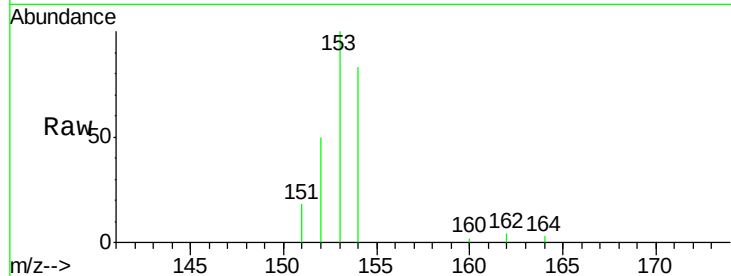
Tgt Ion:154 Resp: 9800

Ion Ratio Lower Upper

154 100

153 109.9 80.0 120.0

152 53.8 40.0 60.0



#18

Fluorene

Concen: 0.37 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

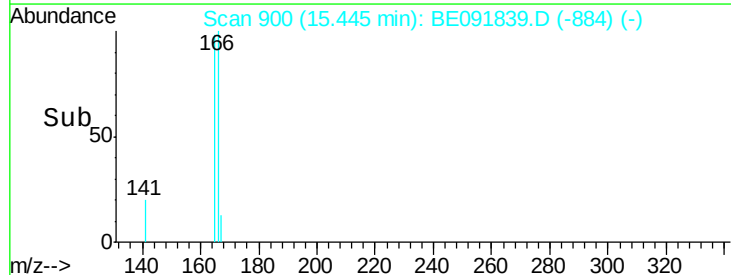
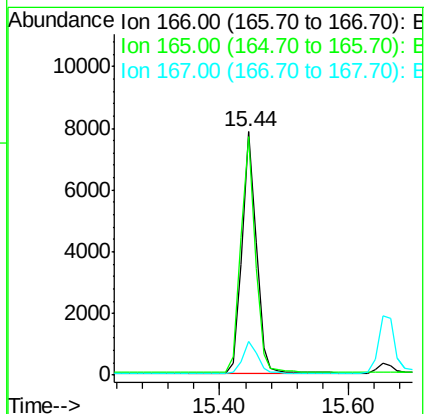
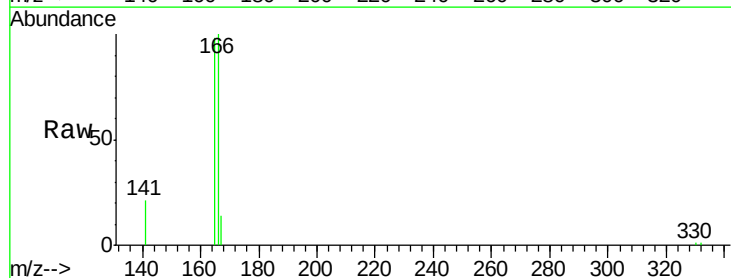
Tgt Ion:166 Resp: 11969

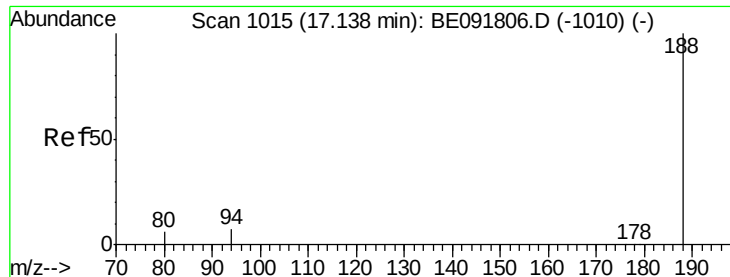
Ion Ratio Lower Upper

166 100

165 98.6 80.8 121.2

167 13.5 10.9 16.3

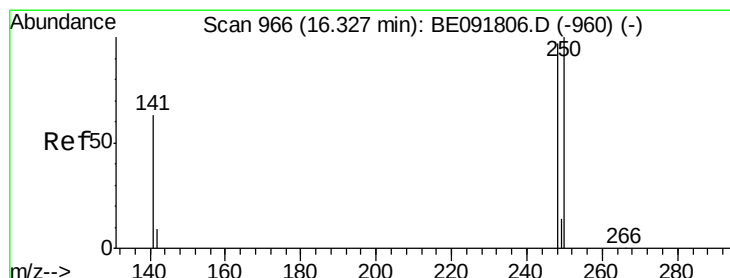
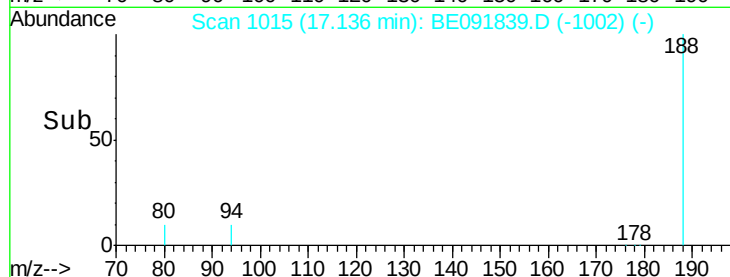
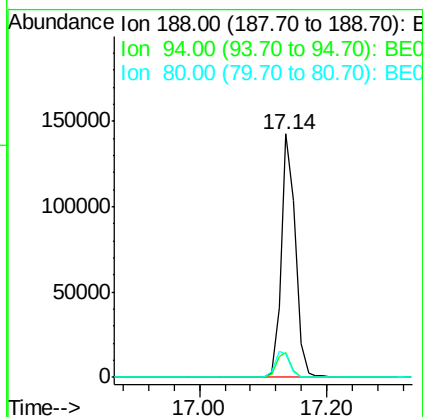
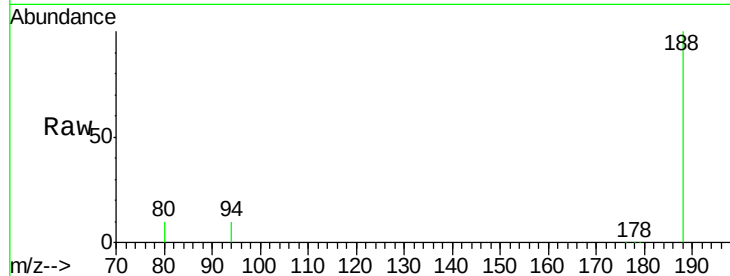




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

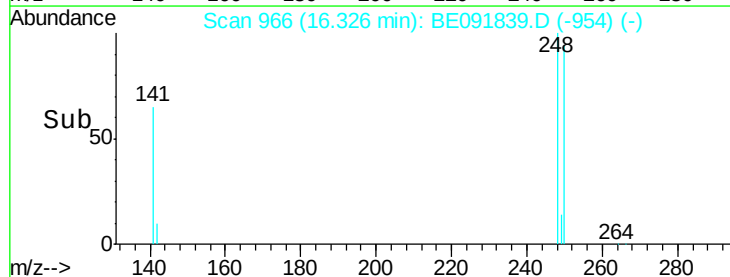
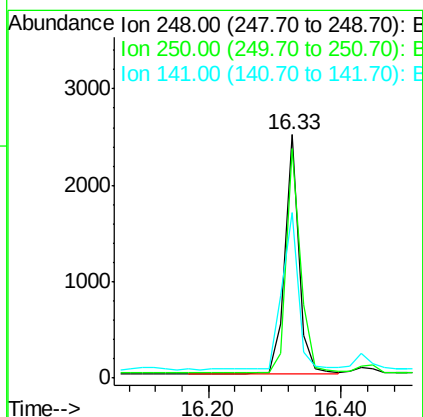
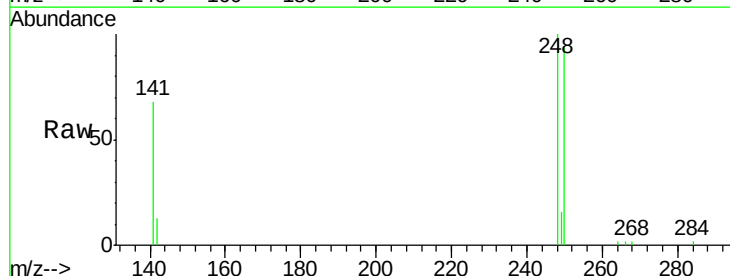
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

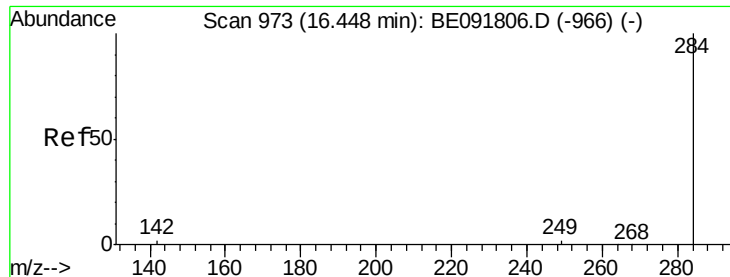
Tgt Ion:188 Resp: 245757
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 9.7 9.4 14.0



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:248 Resp: 3606
Ion Ratio Lower Upper
248 100
250 96.5 80.5 120.7
141 76.6 72.0 108.0

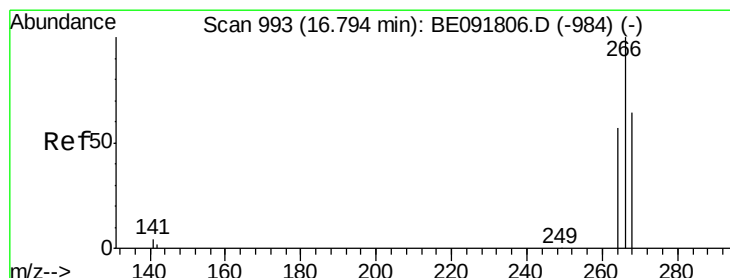
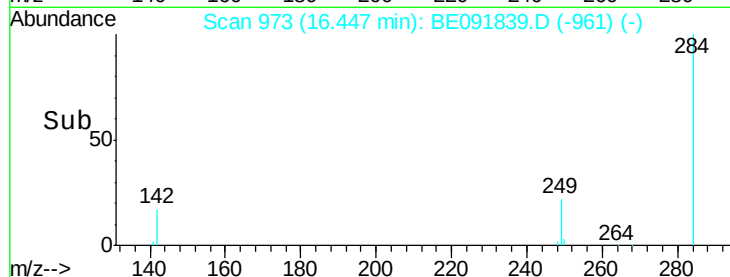
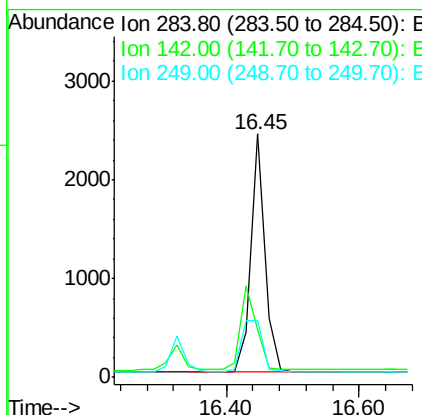
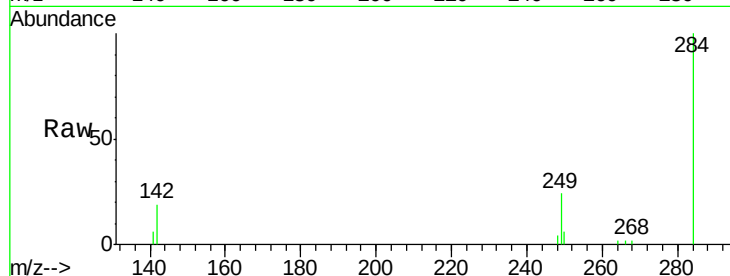




#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

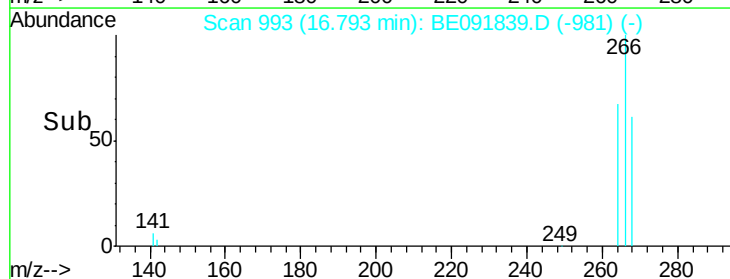
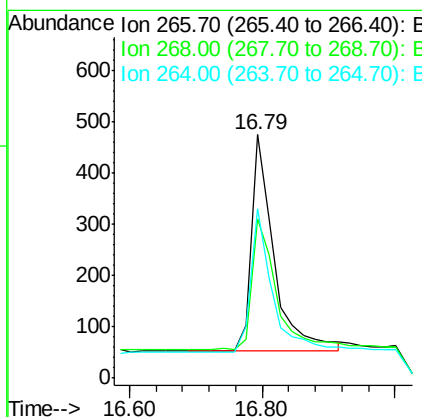
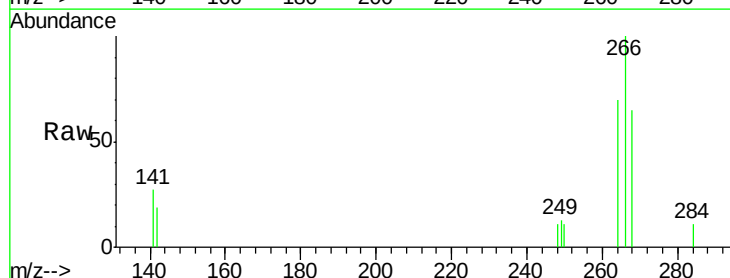
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

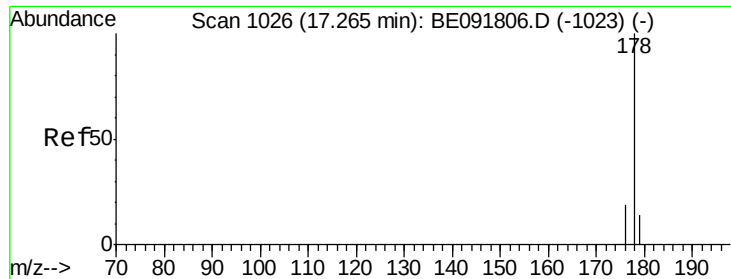
Tgt Ion:284 Resp: 3567
Ion Ratio Lower Upper
284 100
142 39.4 32.2 48.2
249 32.3 25.4 38.2



#22
Pentachlorophenol
Concen: 0.25 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091839.D
Acq: 20 May 2016 16:06

Tgt Ion:266 Resp: 999
Ion Ratio Lower Upper
266 100
268 65.2 58.2 87.2
264 69.6 56.2 84.4





#23

Phenanthrene

Concen: 0.35 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

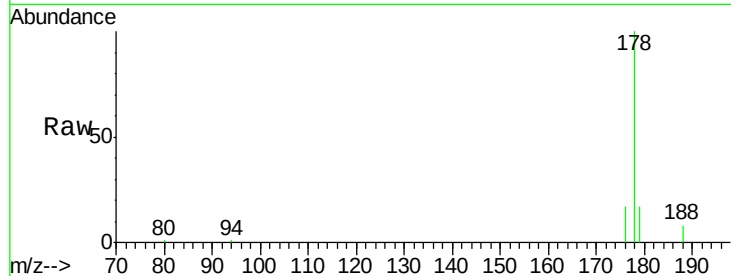
Tgt Ion:178 Resp: 21387

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

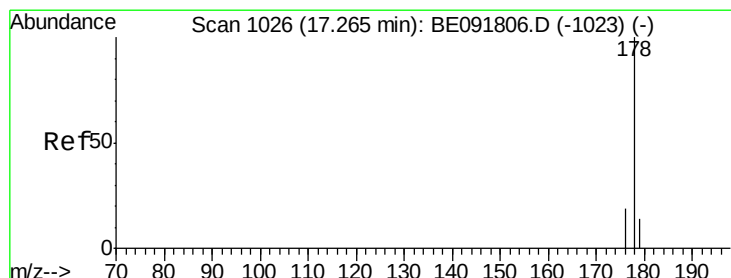
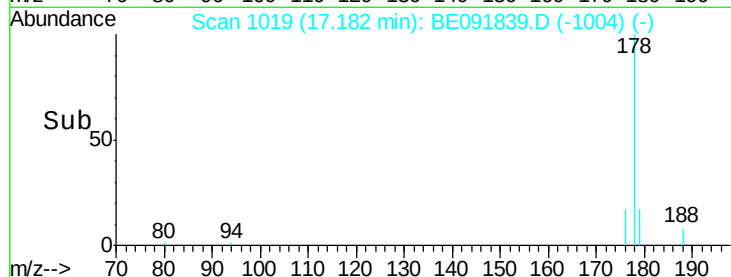
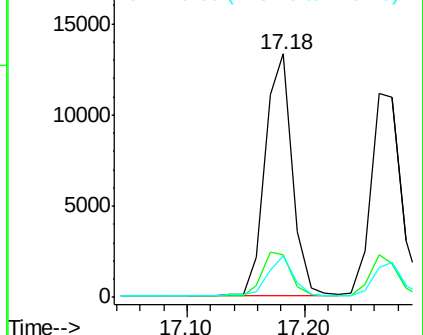
179 16.8 12.6 18.8



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: 0.37 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

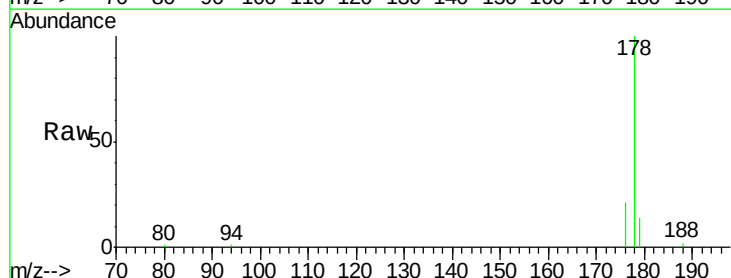
Tgt Ion:178 Resp: 20008

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

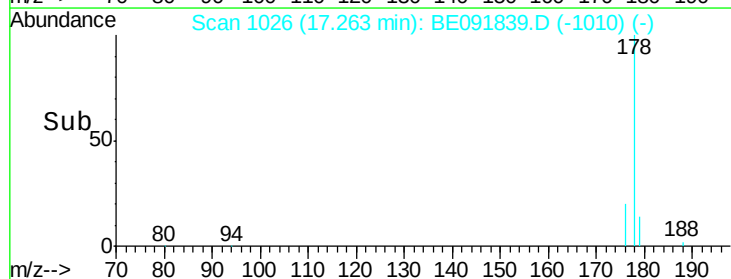
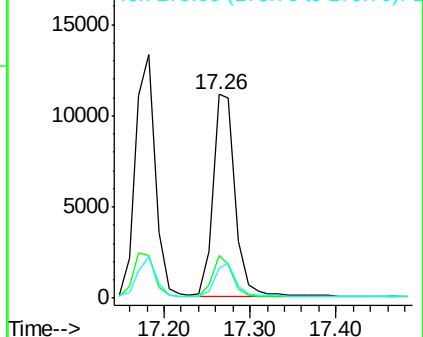
179 15.3 11.8 17.6

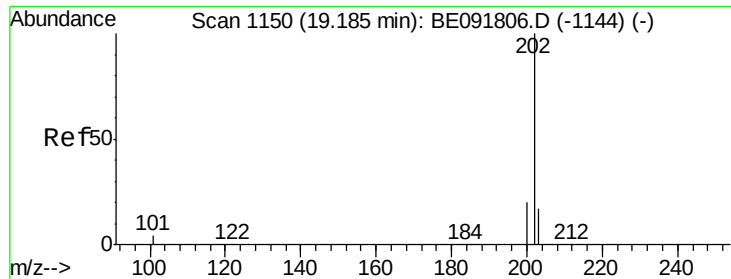


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.38 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

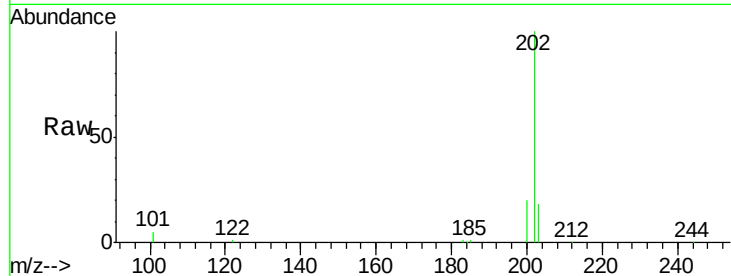
Tgt Ion:202 Resp: 24645

Ion Ratio Lower Upper

202 100

101 10.9 11.0 16.6#

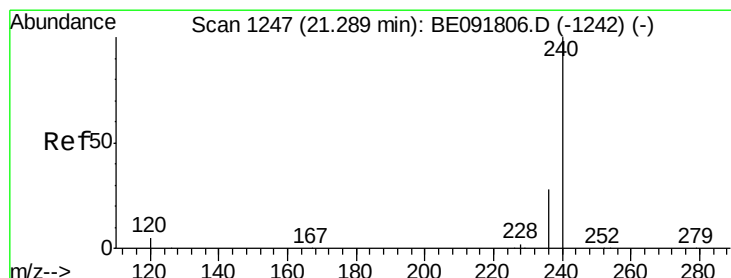
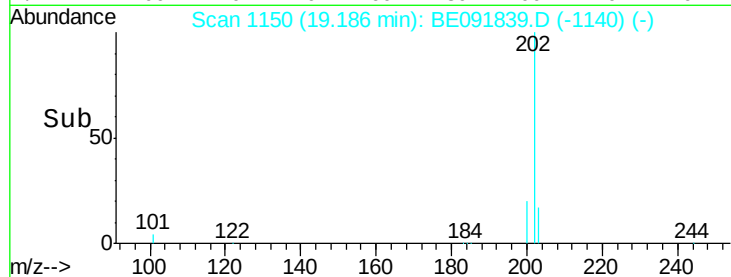
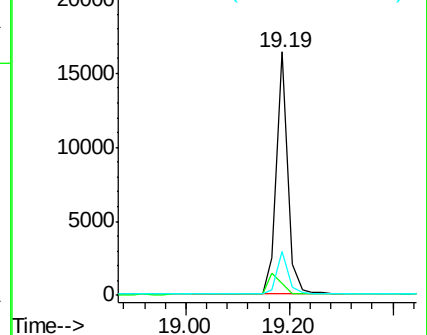
203 17.7 13.9 20.9



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: BE091839.D

Acq: 20 May 2016 16:06

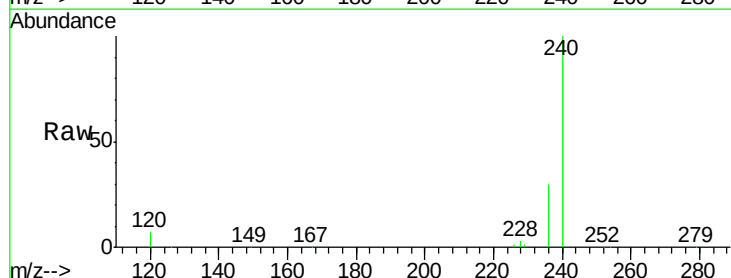
Tgt Ion:240 Resp: 258764

Ion Ratio Lower Upper

240 100

120 6.9 11.0 16.4#

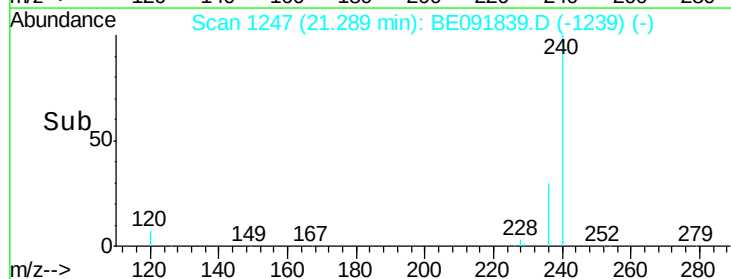
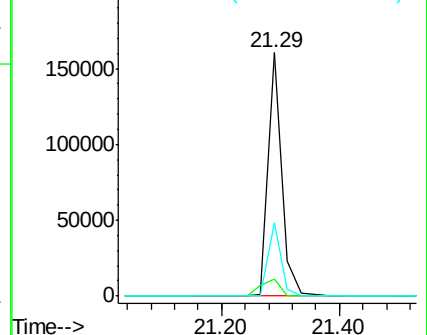
236 30.0 21.7 32.5

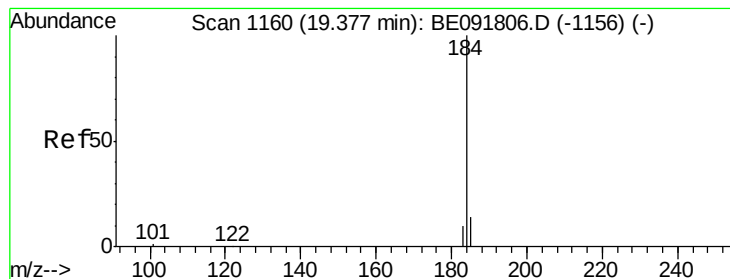


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.65 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

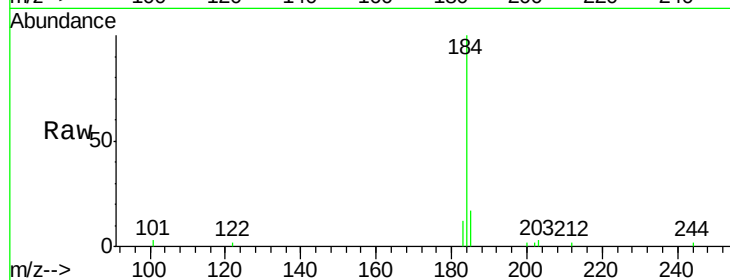
Tgt Ion:184 Resp: 9924

Ion Ratio Lower Upper

184 100

185 16.7 22.3 33.5#

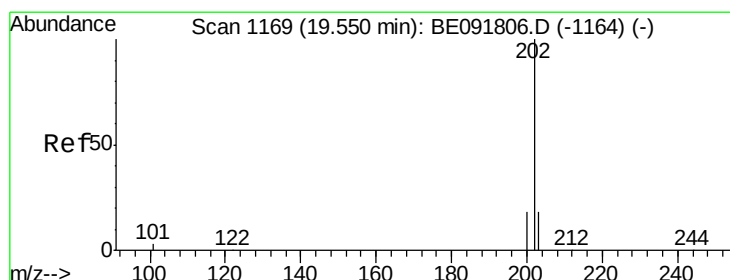
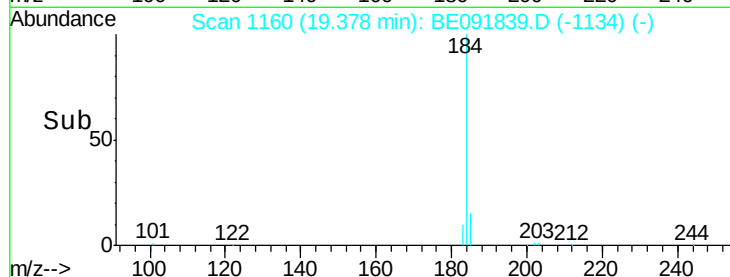
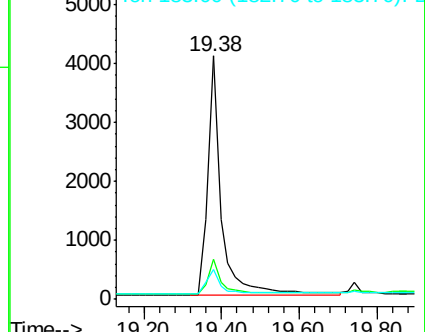
183 12.1 16.4 24.6#



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: 0.44 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

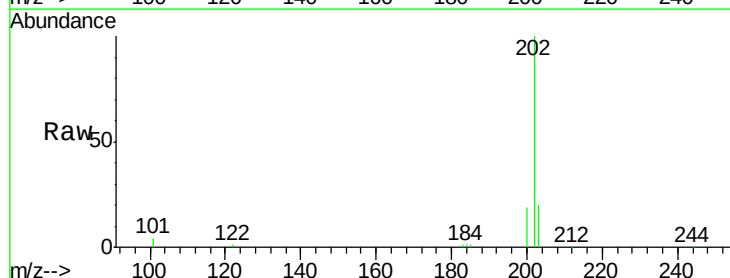
Tgt Ion:202 Resp: 25175

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

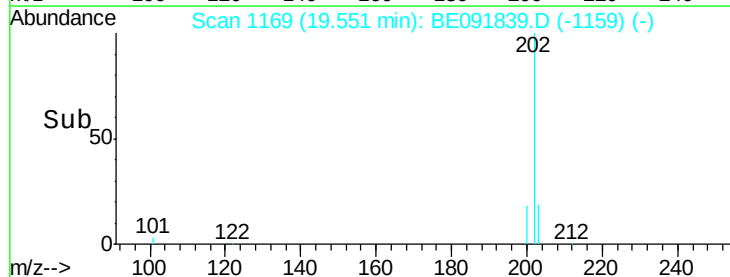
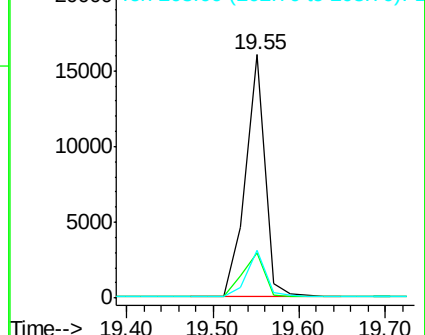
203 18.2 14.0 21.0

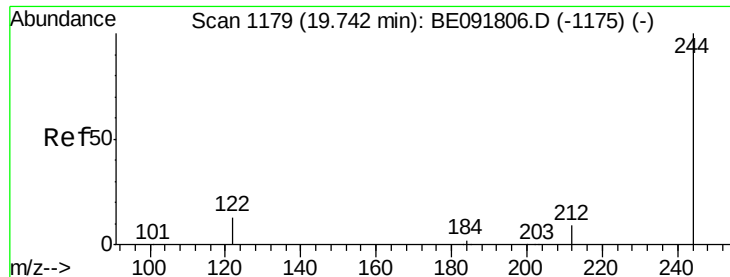


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1179

Delta R.T. -0.02 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

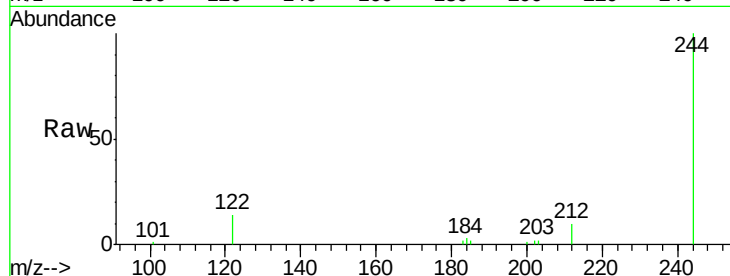
Tgt Ion:244 Resp: 15957

Ion Ratio Lower Upper

244 100

212 10.3 6.9 10.3

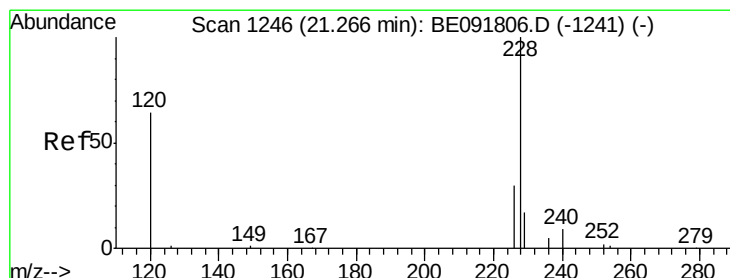
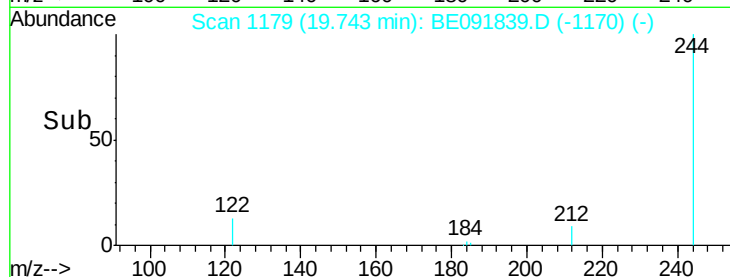
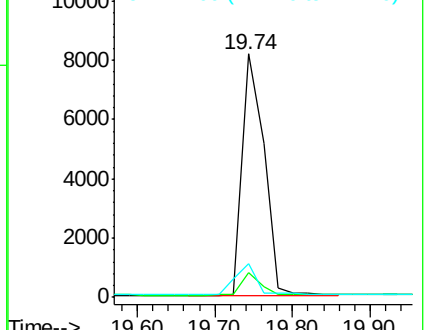
122 14.0 11.0 16.4



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# 1246

Delta R.T. -0.02 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

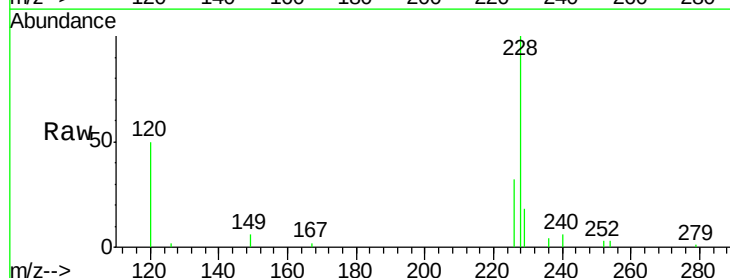
Tgt Ion:228 Resp: 46741

Ion Ratio Lower Upper

228 100

226 32.4 21.0 31.4#

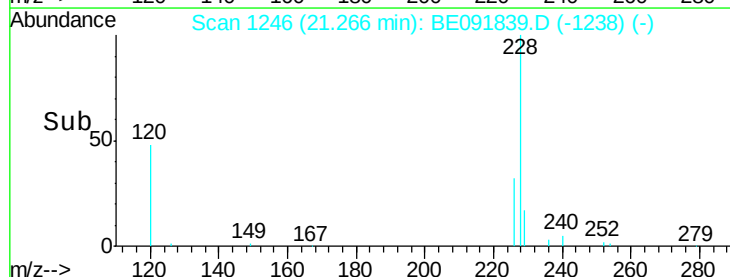
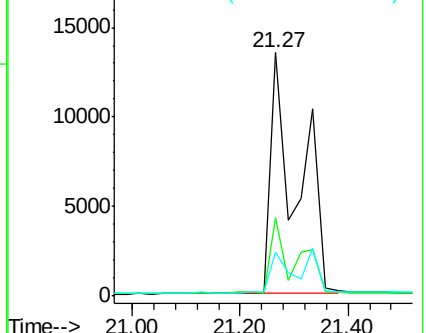
229 17.9 15.7 23.5

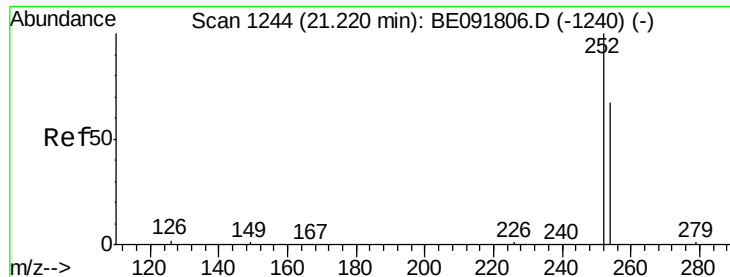


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

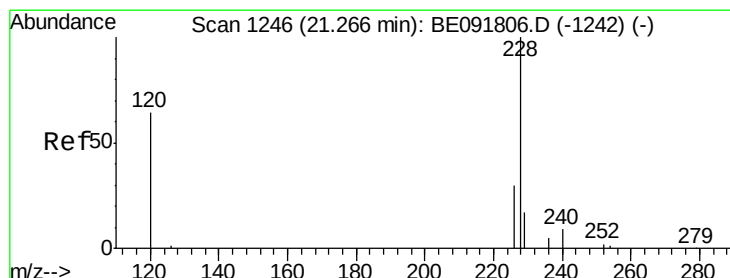
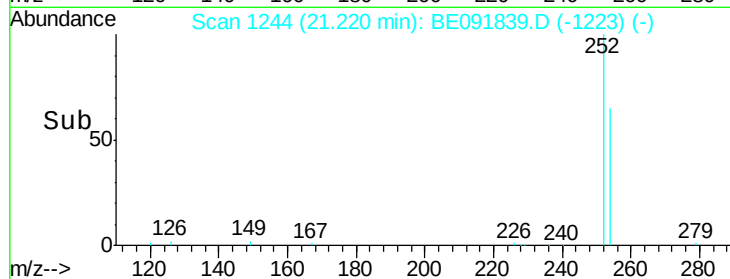
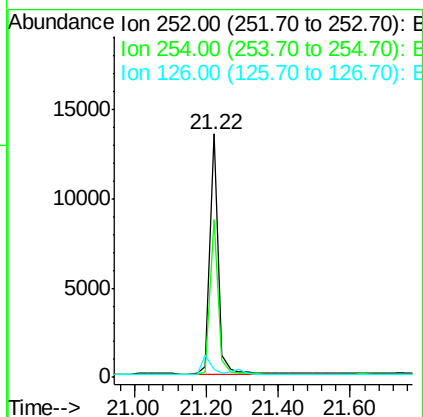
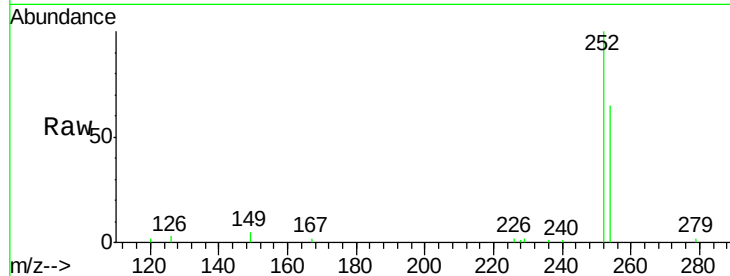




#31
 3,3'-Dichlorobenzidine
 Concen: 0.56 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091839.D
 Acq: 20 May 2016 16:06

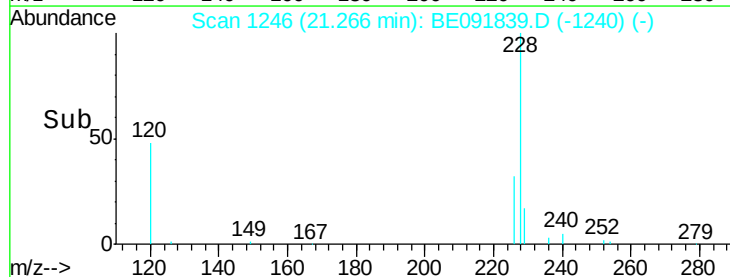
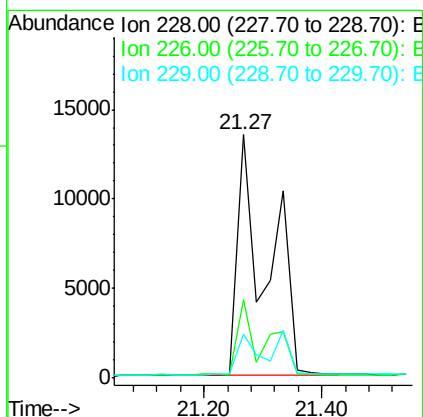
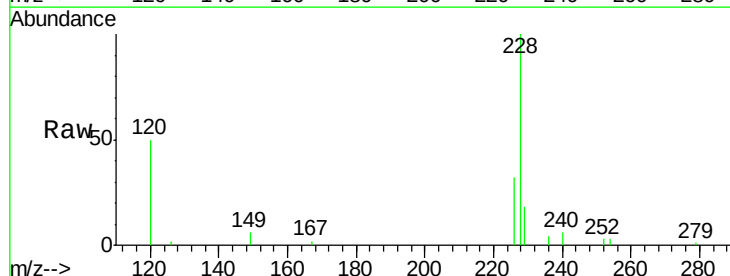
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

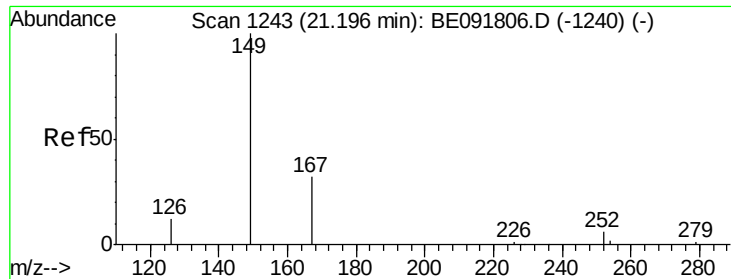
Tgt Ion: 252 Resp: 22124
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.1 76.7
 126 3.2 12.6 18.8#



#32
 Chrysene
 Concen: 0.91 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091839.D
 Acq: 20 May 2016 16:06

Tgt Ion: 228 Resp: 46884
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.0 36.0
 229 17.9 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.67 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

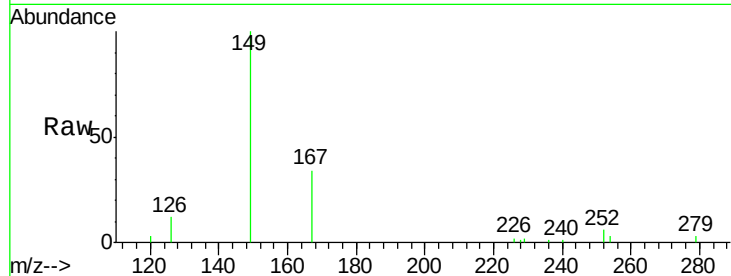
Tgt Ion:149 Resp: 15869

Ion Ratio Lower Upper

149 100

167 31.1 19.5 29.3#

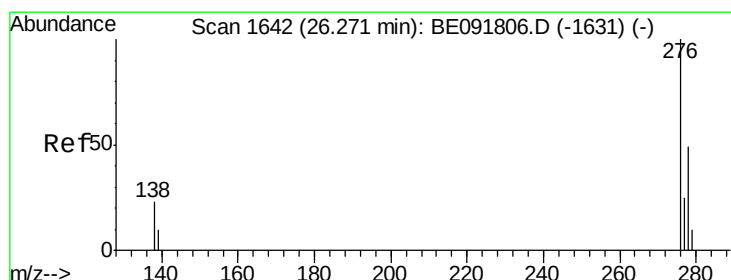
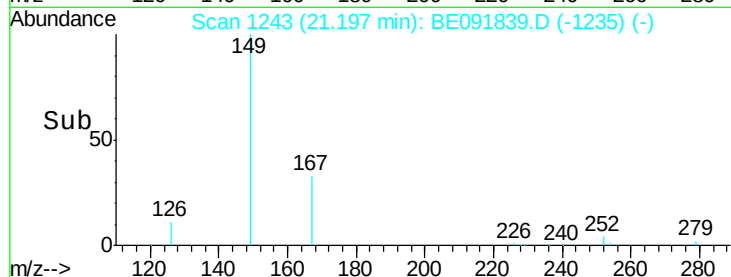
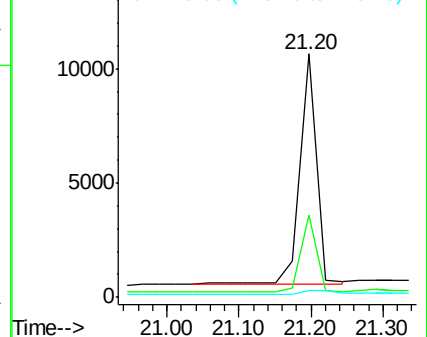
279 3.2 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.44 ng

RT: 26.28 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

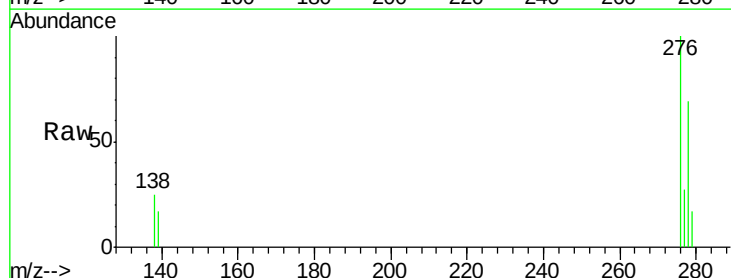
Tgt Ion:276 Resp: 28150

Ion Ratio Lower Upper

276 100

138 24.9 23.4 35.2

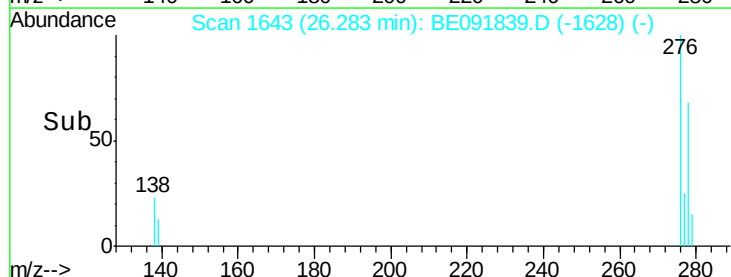
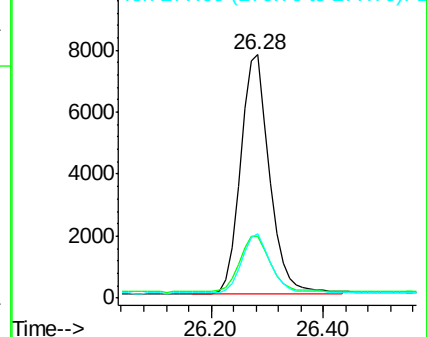
277 25.1 19.8 29.8

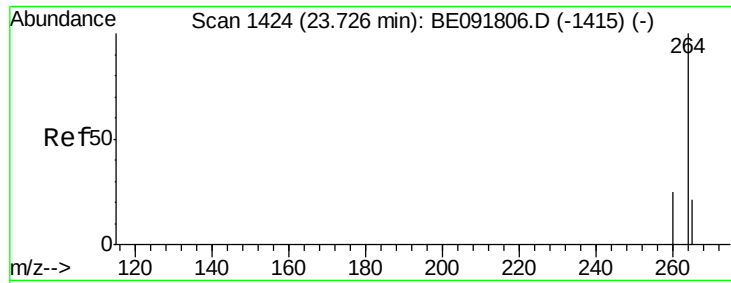


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

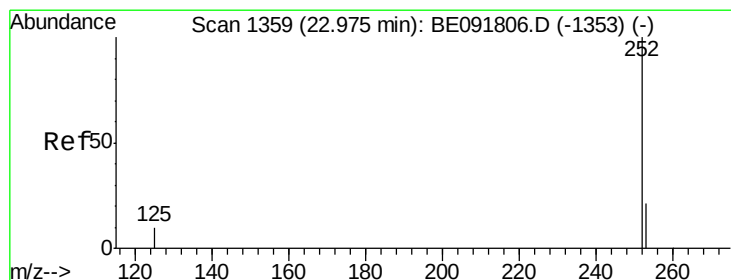
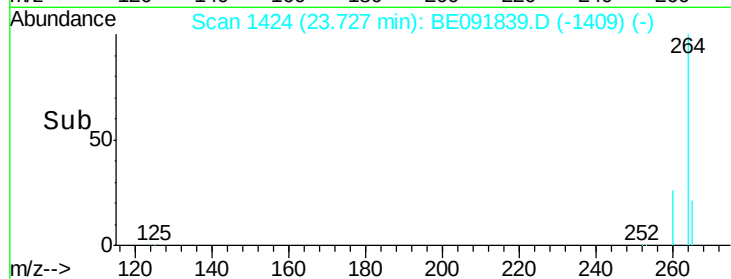
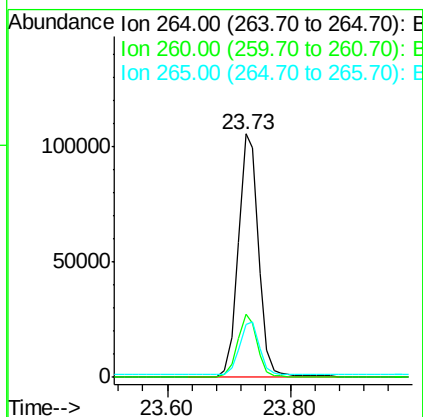
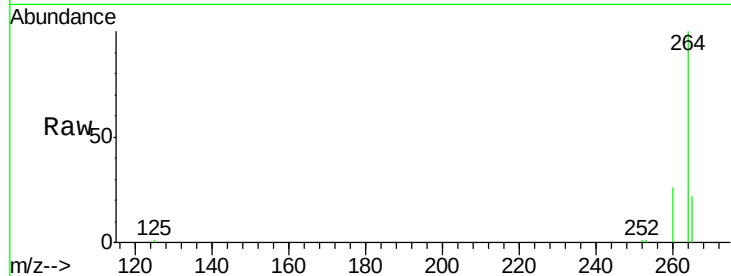




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091839.D
 Acq: 20 May 2016 16:06

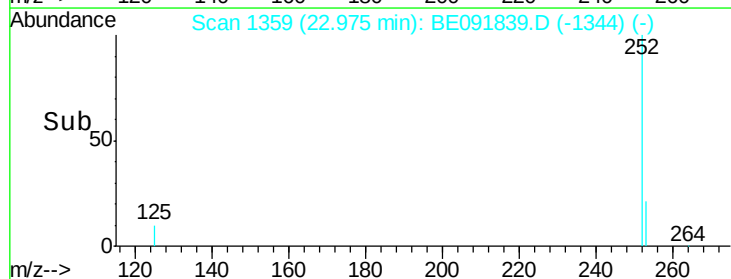
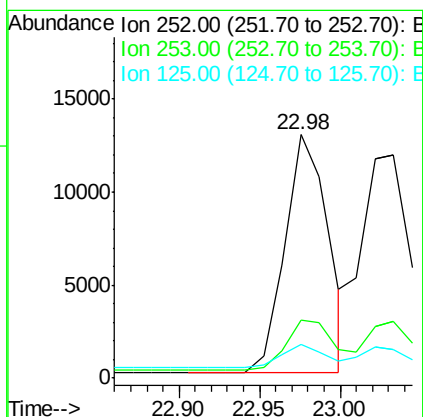
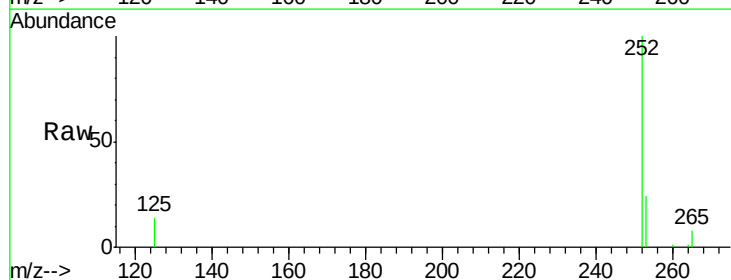
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

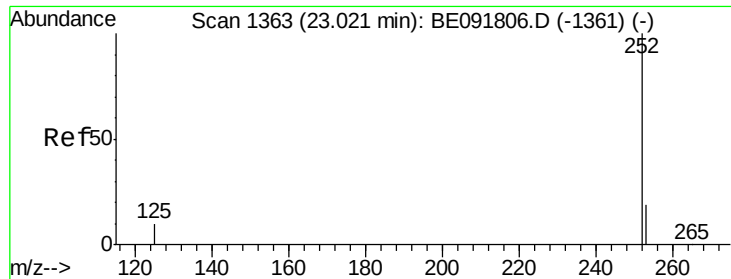
Tgt Ion: 264 Resp: 242505
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 21.7 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 22.98 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091839.D
 Acq: 20 May 2016 16:06

Tgt Ion: 252 Resp: 24087
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.4 26.0
 125 14.1 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

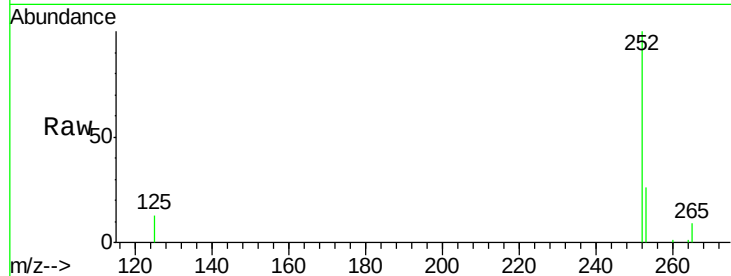
Tgt Ion:252 Resp: 25320

Ion Ratio Lower Upper

252 100

253 25.7 17.6 26.4

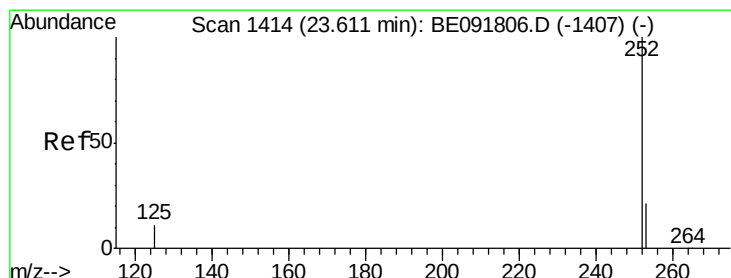
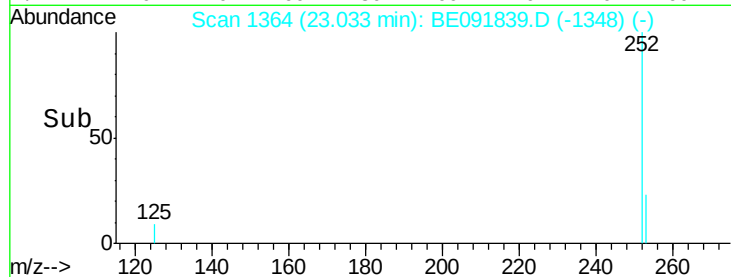
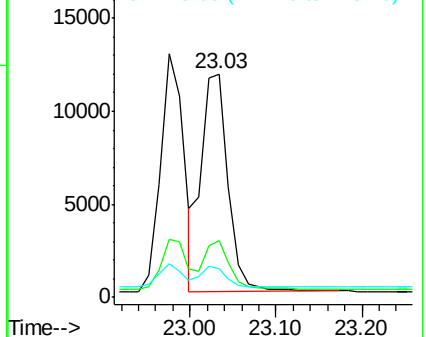
125 13.0 9.9 14.9



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# 1414

Delta R.T. -0.02 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

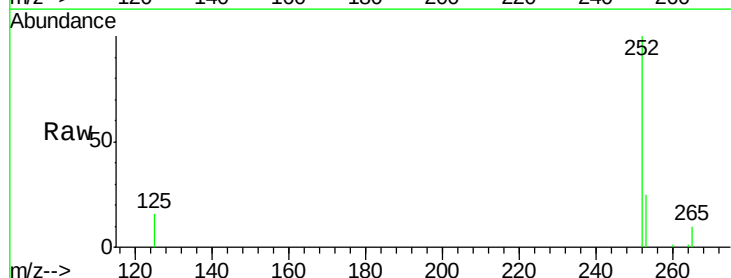
Tgt Ion:252 Resp: 23873

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

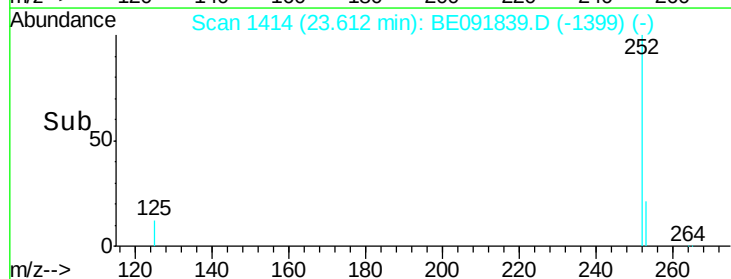
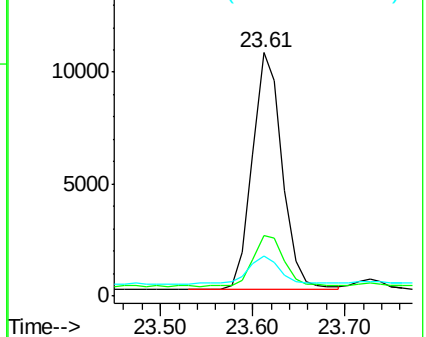
125 16.5 11.0 16.4#

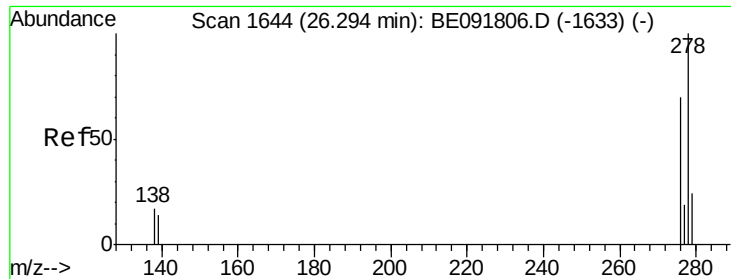


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

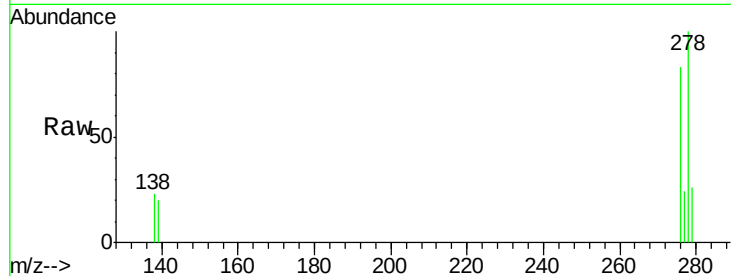
Tgt Ion: 278 Resp: 23185

Ion Ratio Lower Upper

278 100

139 20.3 16.0 24.0

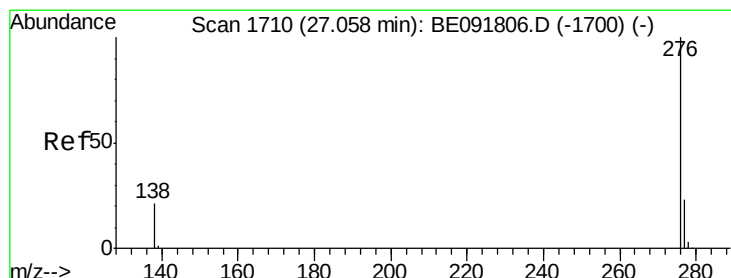
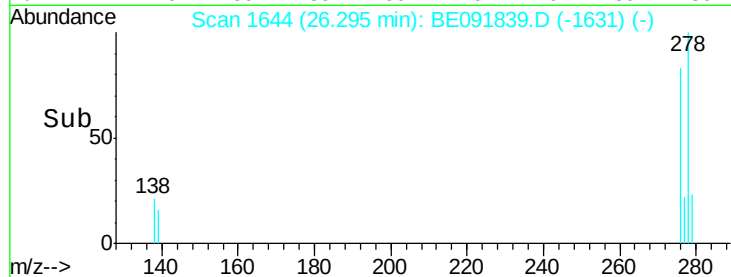
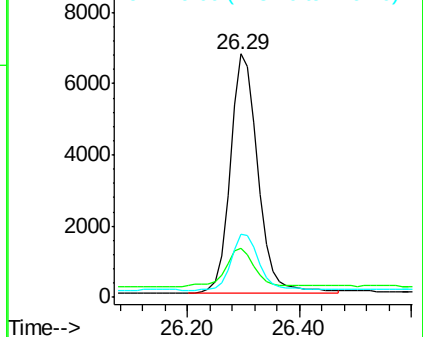
279 25.8 19.4 29.2



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: 0.40 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091839.D

Acq: 20 May 2016 16:06

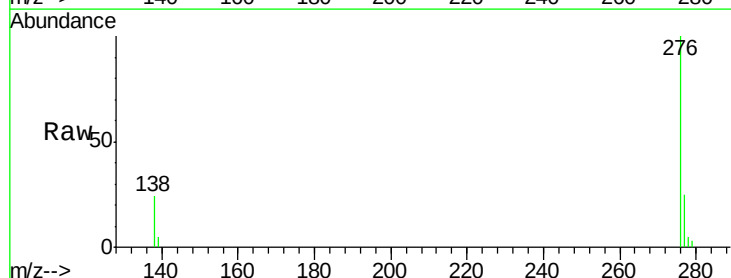
Tgt Ion: 276 Resp: 23529

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 23.7 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

