

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001410.D
 Acq On : 23 May 2015 08:47
 Operator : TP/IZ
 Sample : G2352-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 052115-P20-E-U-S

Quant Time: May 25 08:27:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	11308	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	40924	5.00	ng	-0.02
12) Acenaphthene-d10	14.08	164	23686	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	74949	5.00	ng	0.00
25) Chrysene-d12	21.04	240	41015	5.00	ng	0.00
32) Perylene-d12	23.14	264	35755	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.99	112	10320	4.62	ng	0.00
5) Phenol-d6	6.60	99	7280	2.81	ng	0.00
7) Nitrobenzene-d5	8.55	82	20784	8.80	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	7247	9.85	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	67300	9.23	ng	0.00
27) Terphenyl-d14	19.48	244	54624	9.84	ng	-0.01

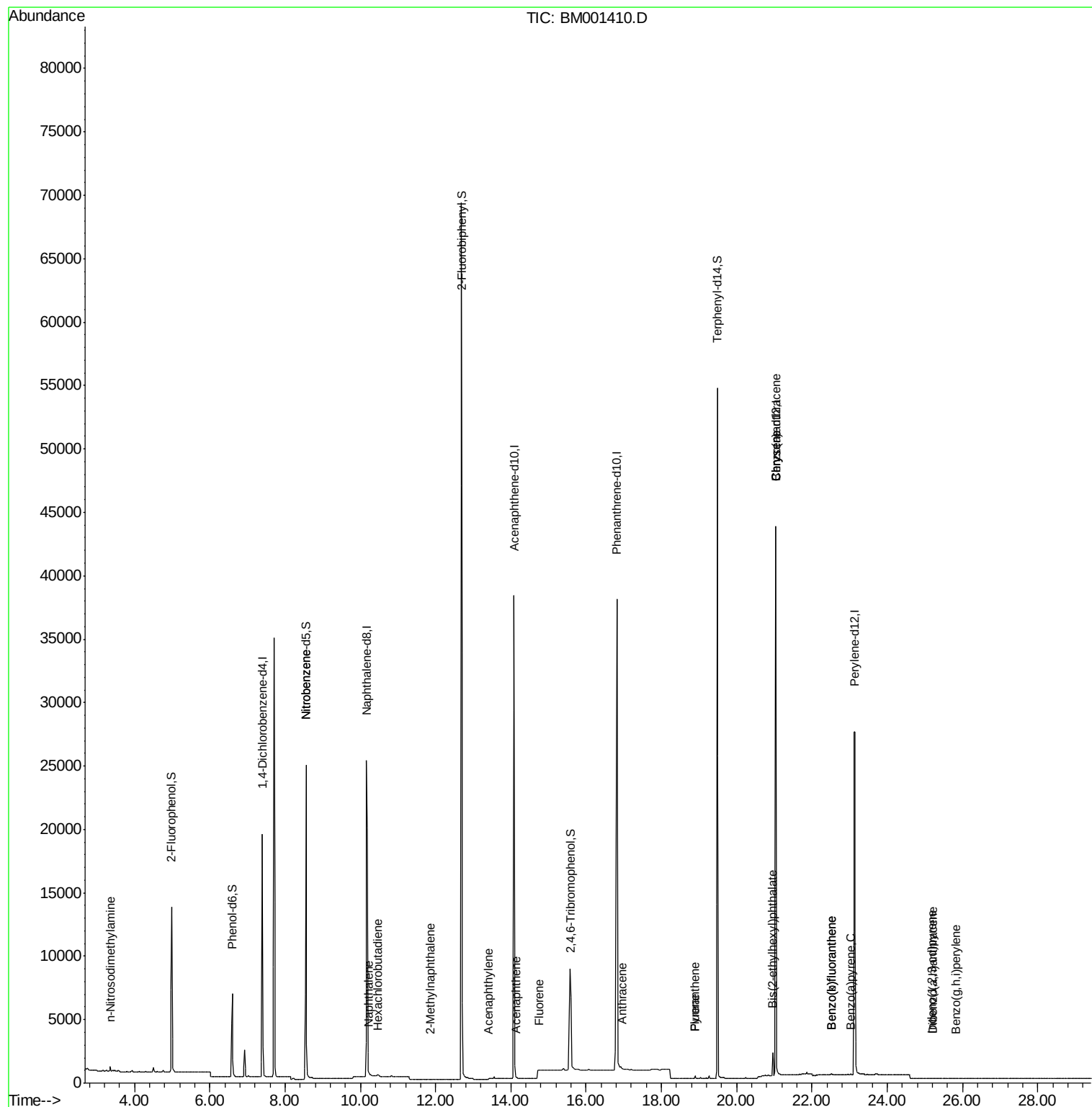
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.35	42	147	0.10	ng	# 11
8) Nitrobenzene	8.55	77	77	0.03	ng	# 36
9) Naphthalene	10.22	128	64	0.01	ng	# 1
10) Hexachlorobutadiene	10.46	225	8	0.00	ng	# 43
11) 2-Methylnaphthalene	11.86	142	23	0.00	ng	# 68
15) Acenaphthylene	13.41	152	280	0.03	ng	# 1
16) Acenaphthene	14.14	154	12	0.00	ng	97
17) Fluorene	14.75	166	292	0.08	ng	# 12
20) Hexachlorobenzene	16.14	284	6	Below Cal		# 37
21) Pentachlorophenol	16.51	266	10	Below Cal		# 68
22) Phenanthrene	16.85	178	243	Below Cal		# 83
23) Anthracene	16.95	178	47	0.00	ng	# 60
24) Fluoranthene	18.90	202	177	0.01	ng	# 92
26) Pyrene	18.90	202	177	0.01	ng	97
28) Benzo(a)anthracene	21.04	228	281	0.02	ng	# 47
29) Chrysene	21.04	228	281	0.03	ng	# 59
30) Bis(2-ethylhexyl)phthalate	20.96	149	1821	0.28	ng	98
31) Indeno(1,2,3-cd)pyrene	25.19	276	61	0.01	ng	# 75
33) Benzo(b)fluoranthene	22.51	252	151	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.51	252	151	0.01	ng	# 1
35) Benzo(a)pyrene	23.03	252	61	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.20	278	28	0.00	ng	# 1
37) Benzo(g,h,i)perylene	25.83	276	78	0.01	ng	# 1

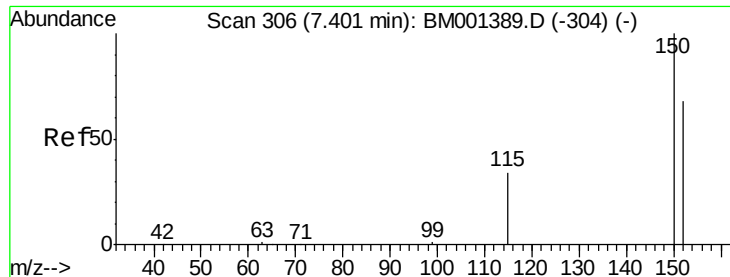
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

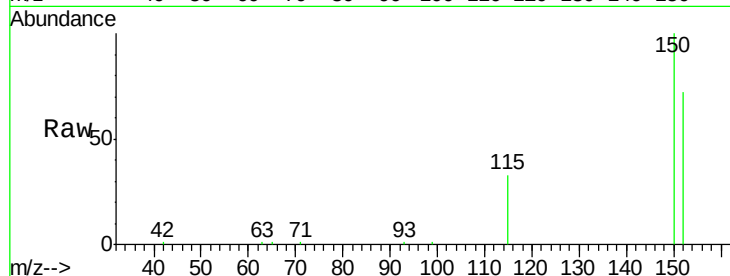
Tgt Ion:152 Resp: 11308

Ion Ratio Lower Upper

152 100

150 138.9 119.0 178.6

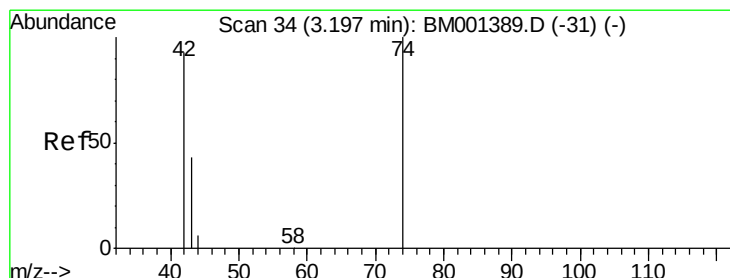
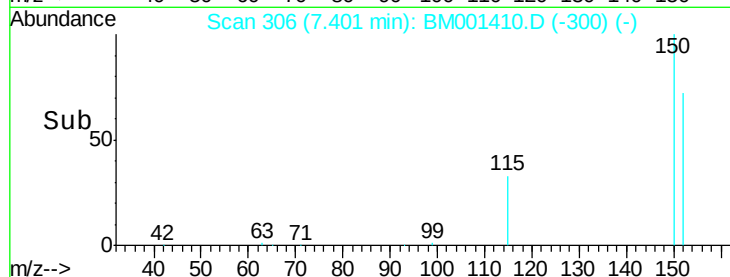
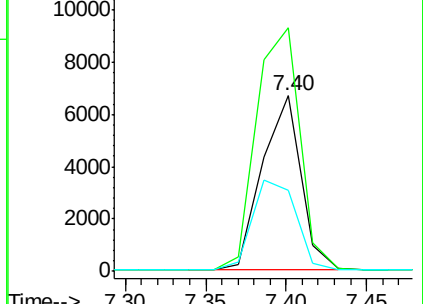
115 46.1 41.8 62.8



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



#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.15 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

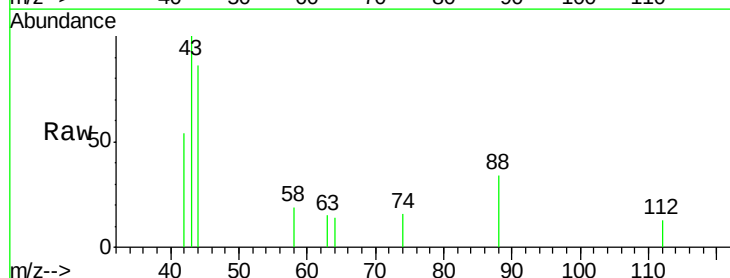
Tgt Ion: 42 Resp: 147

Ion Ratio Lower Upper

42 100

74 0.0 72.2 108.2#

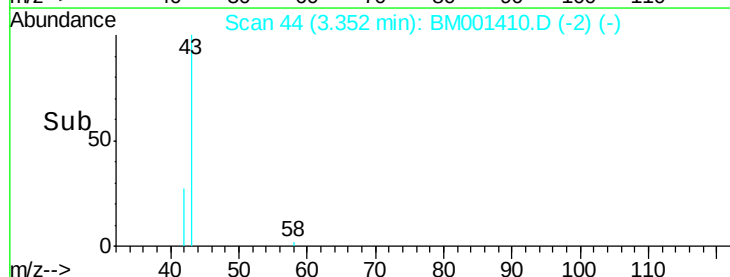
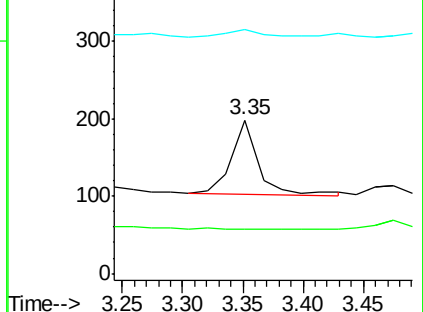
44 13.6 6.2 9.2#

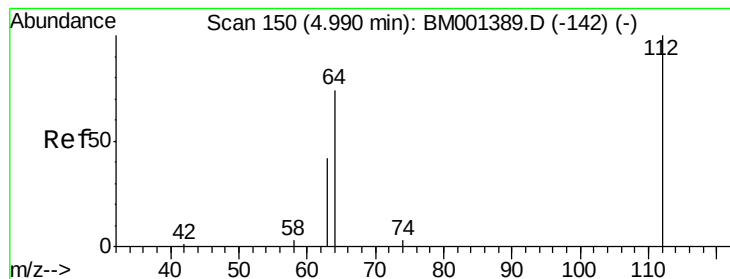


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 4.62 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

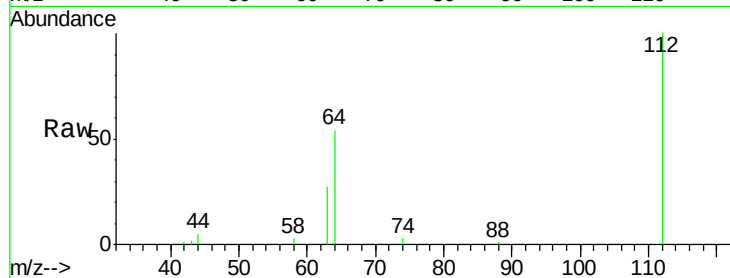
Tgt Ion: 112 Resp: 10320

Ion Ratio Lower Upper

112 100

64 64.5 51.7 77.5

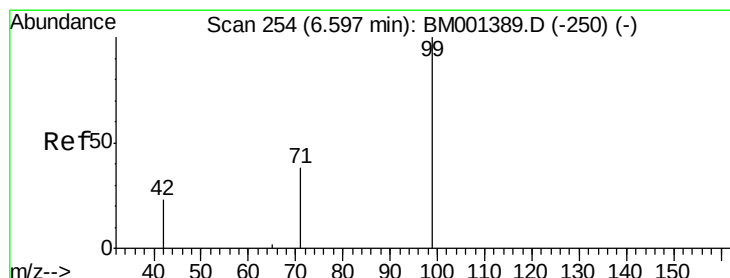
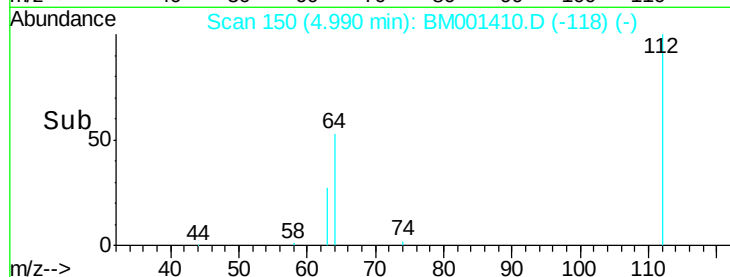
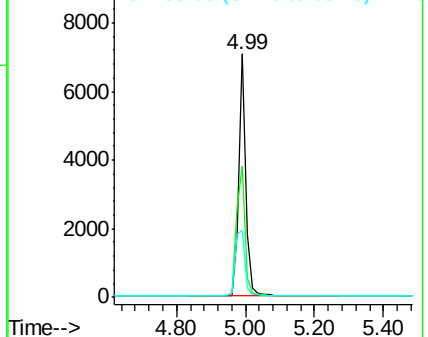
63 37.0 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#5

Phenol-d6

Concen: 2.81 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

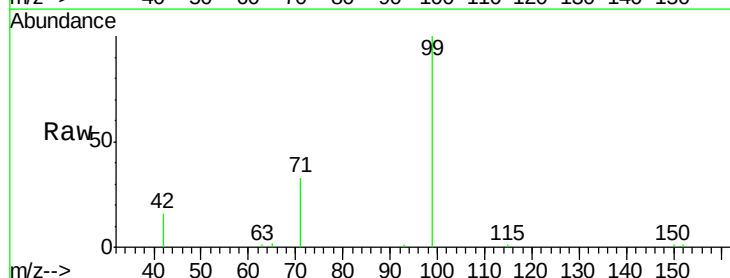
Tgt Ion: 99 Resp: 7280

Ion Ratio Lower Upper

99 100

42 25.4 21.8 32.6

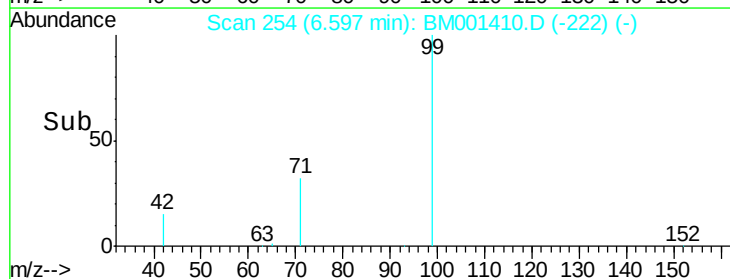
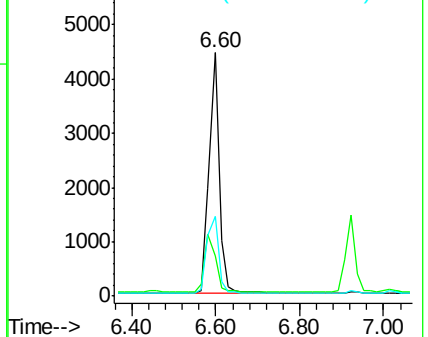
71 36.9 29.2 43.8

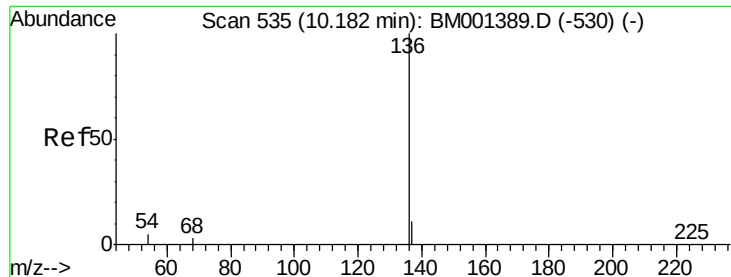


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

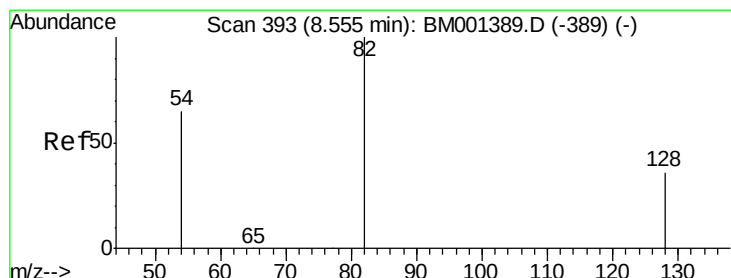
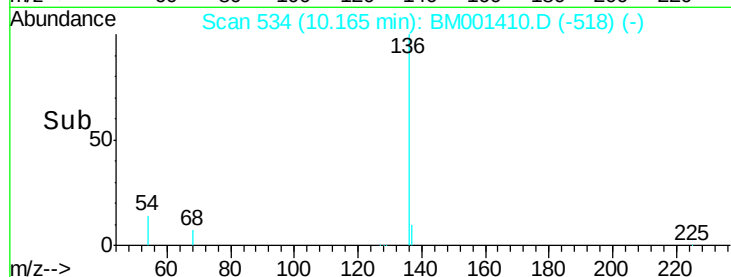
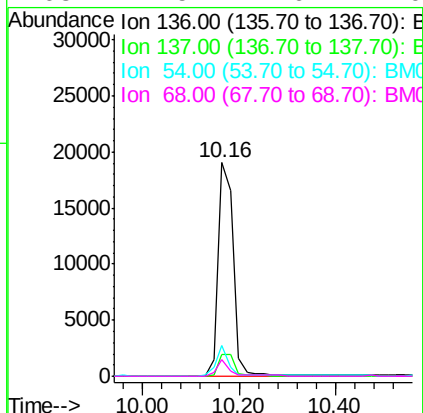
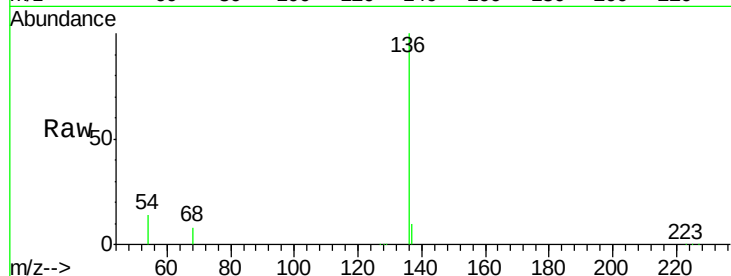
Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

Tgt Ion:	136	Resp:	40924
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	14.5	4.3	6.5#
68	7.5	2.6	4.0#



#7

Nitrobenzene-d5

Concen: 8.80 ng

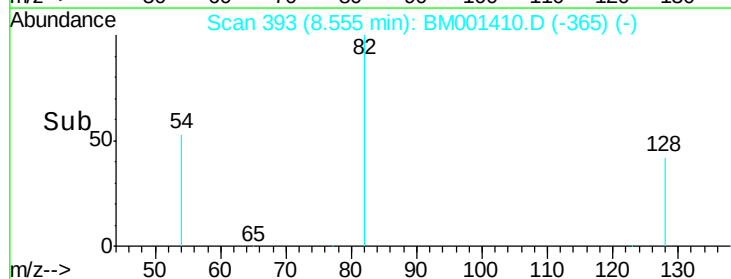
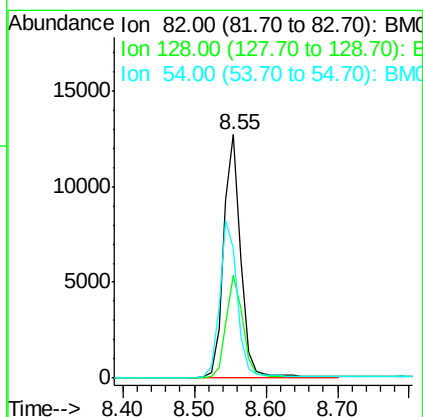
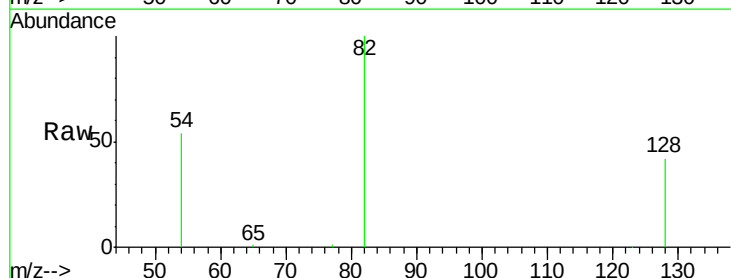
RT: 8.55 min Scan# 393

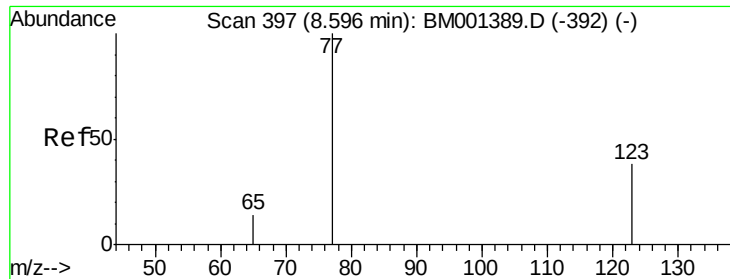
Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Tgt Ion:	82	Resp:	20784
Ion	Ratio	Lower	Upper
82	100		
128	42.3	30.2	45.4
54	53.5	52.9	79.3





#8

Nitrobenzene

Concen: 0.03 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.04 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

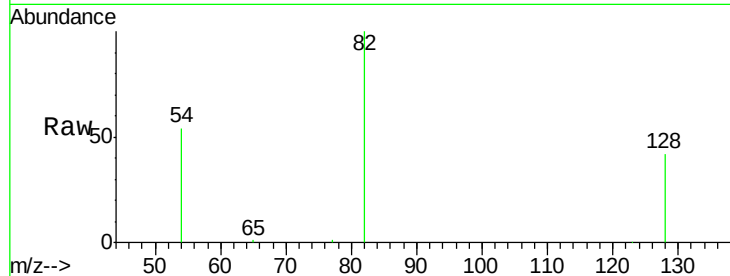
Tgt Ion: 77 Resp: 77

Ion Ratio Lower Upper

77 100

123 0.0 33.7 50.5#

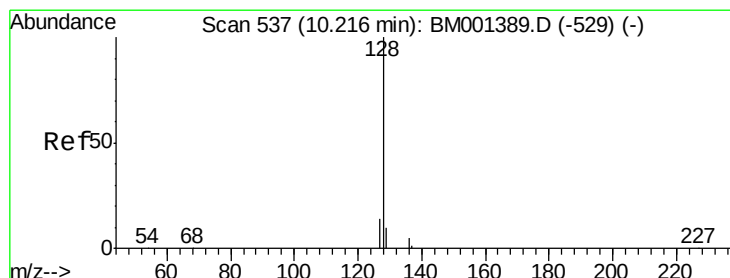
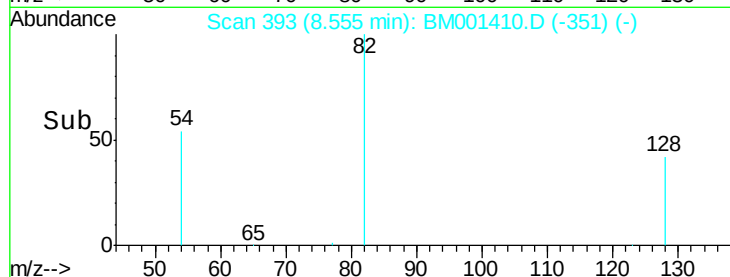
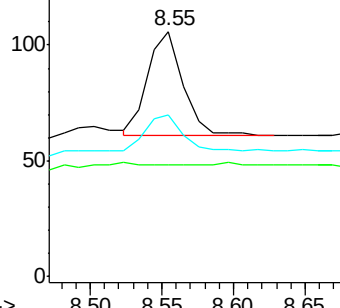
65 37.7 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BM001410.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001410.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001410.D (-392) (-)



#9

Naphthalene

Concen: 0.01 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

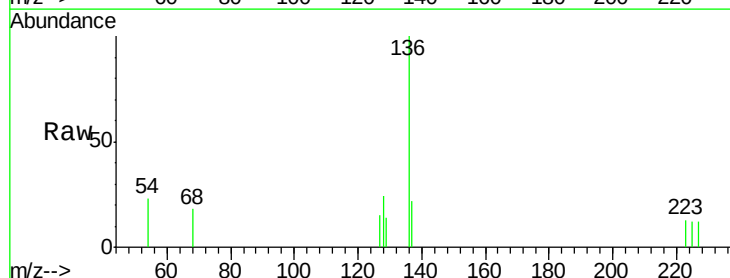
Tgt Ion: 128 Resp: 64

Ion Ratio Lower Upper

128 100

129 57.8 8.6 13.0#

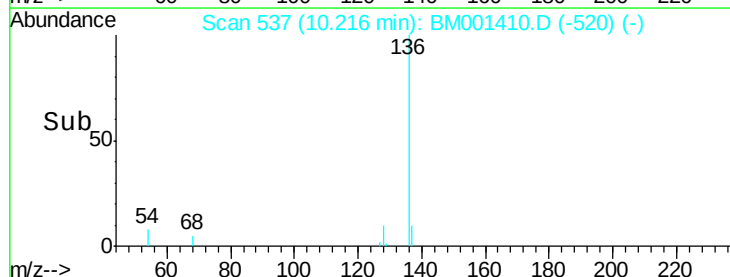
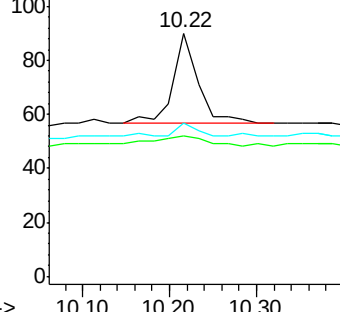
127 63.3 11.7 17.5#

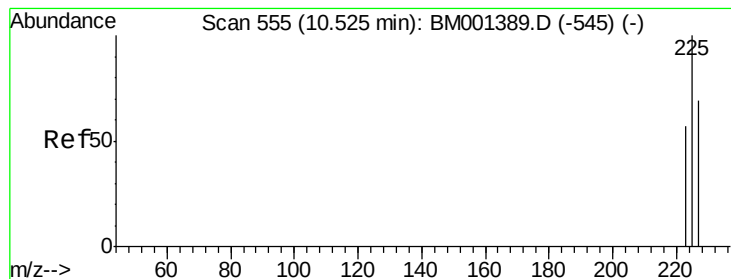


Abundance Ion 128.00 (127.70 to 128.70): BM001410.D (-529) (-)

Ion 129.00 (128.70 to 129.70): BM001410.D (-529) (-)

Ion 127.00 (126.70 to 127.70): BM001410.D (-529) (-)





#10

Hexachlorobutadiene

Concen: 0.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.07 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

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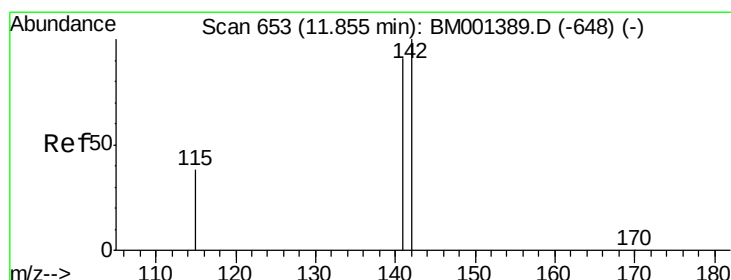
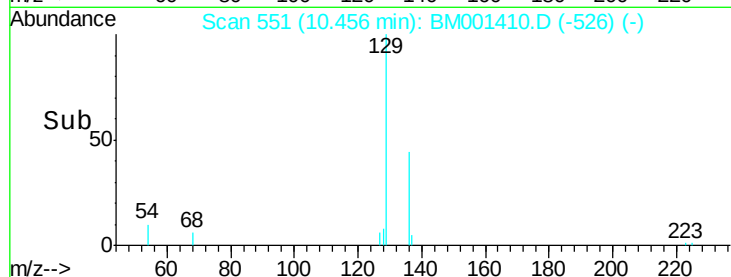
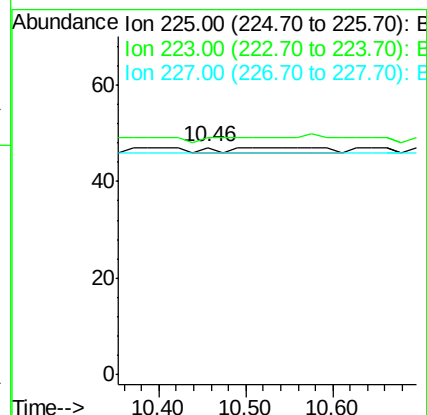
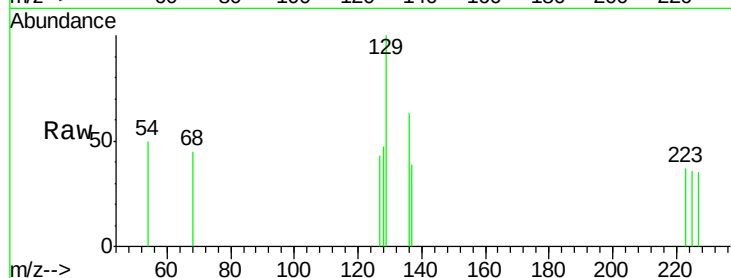
Tgt Ion: 225 Resp: 8

Ion Ratio Lower Upper

225 100

223 37.5 50.2 75.2#

227 0.0 51.1 76.7#



#11

2-Methylnaphthalene

Concen: 0.00 ng

RT: 11.86 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

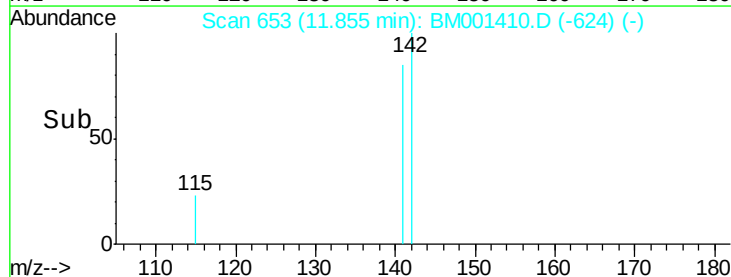
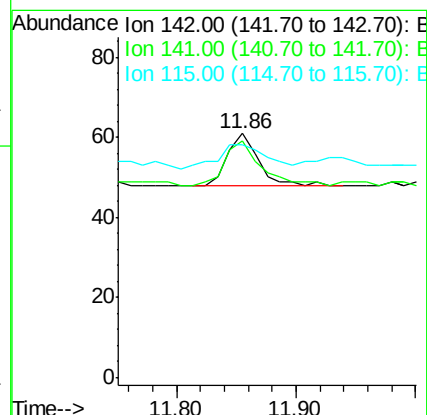
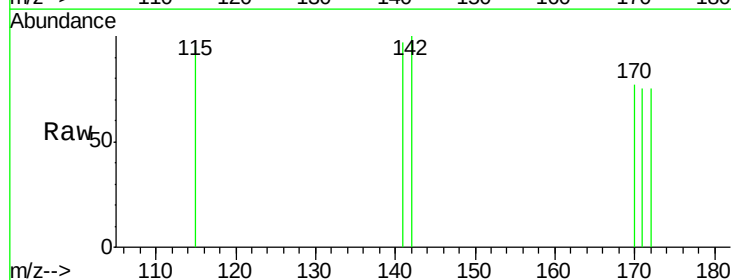
Tgt Ion: 142 Resp: 23

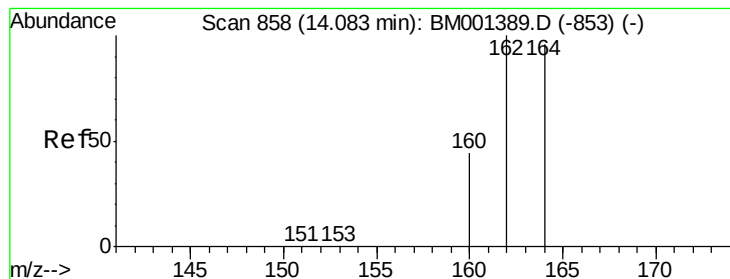
Ion Ratio Lower Upper

142 100

141 96.7 72.6 109.0

115 95.1 31.2 46.8#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

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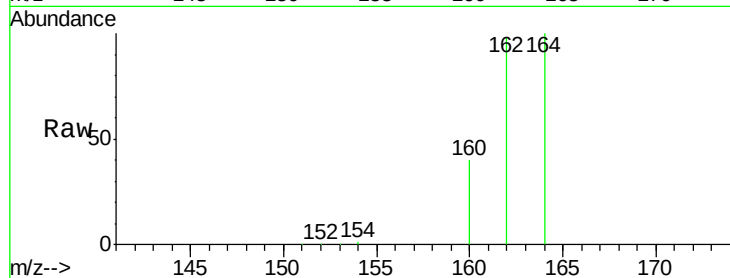
Tgt Ion:164 Resp: 23686

Ion Ratio Lower Upper

164 100

162 97.6 83.4 125.2

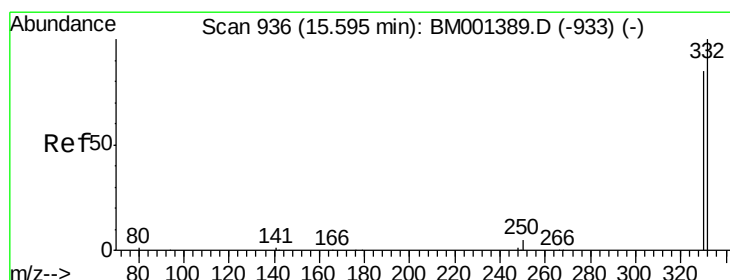
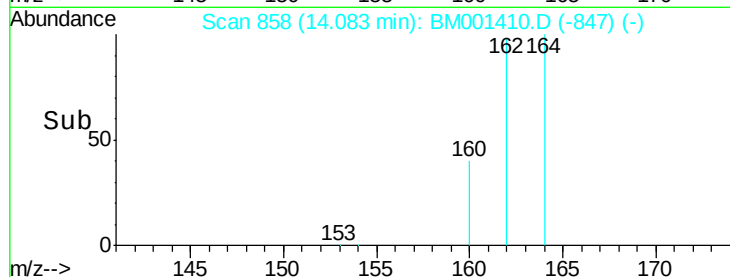
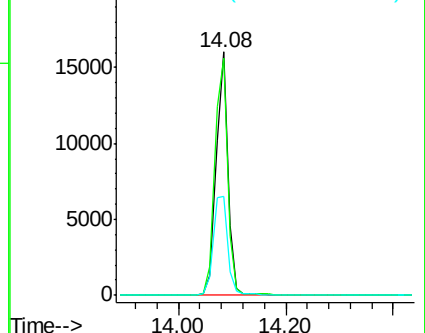
160 40.5 36.9 55.3



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



#13

2,4,6-Tribromophenol

Concen: 9.85 ng

RT: 15.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

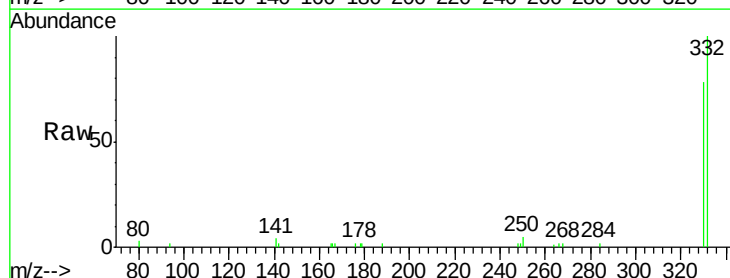
Tgt Ion:330 Resp: 7247

Ion Ratio Lower Upper

330 100

332 110.2 90.3 135.5

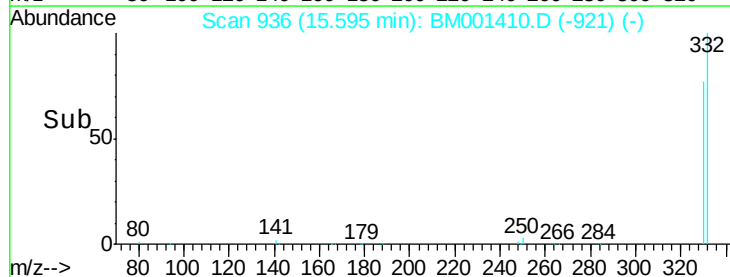
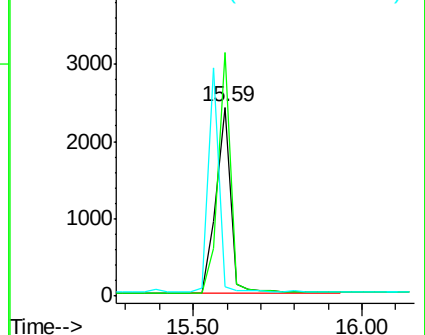
141 0.0 0.0 0.0

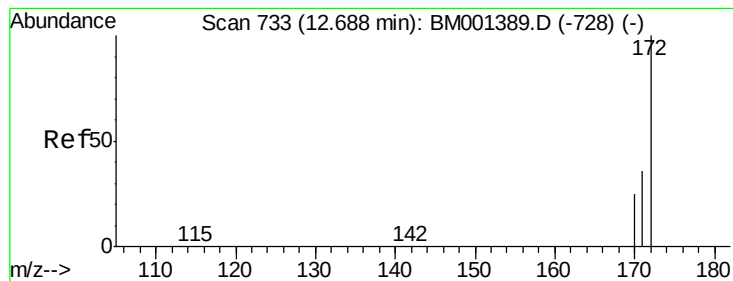


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

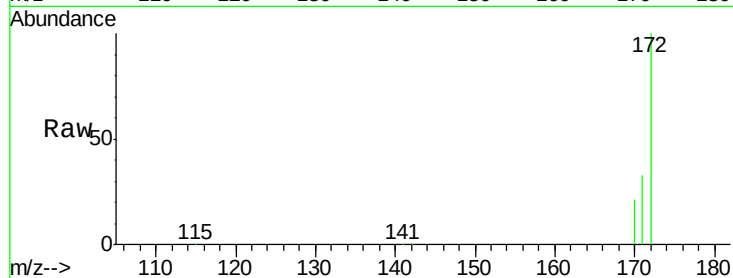




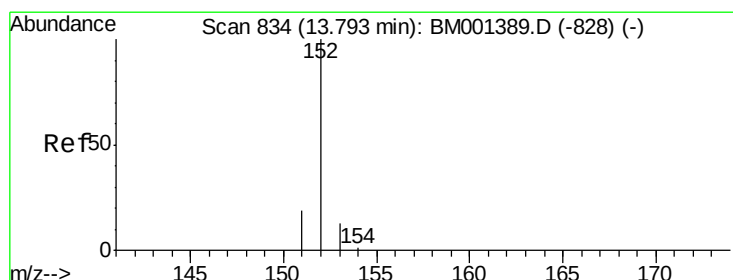
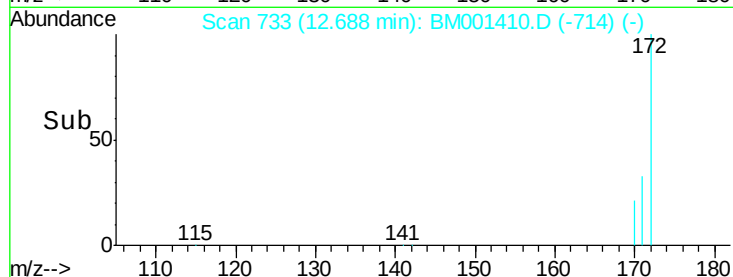
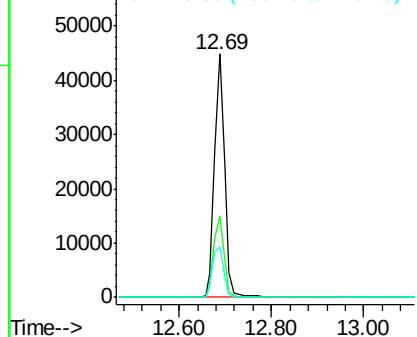
#14
2-Fluorobiphenyl
Concen: 9.23 ng
RT: 12.69 min Scan# 733
Delta R.T. 0.00 min
Lab File: BM001410.D
Acq: 23 May 2015 08:47

Instrument :
BNA_M
ClientSampleId :
052115-P20-E-U-S

Tgt Ion:172 Resp: 67300
Ion Ratio Lower Upper
172 100
171 33.1 29.4 44.0
170 20.9 20.2 30.4

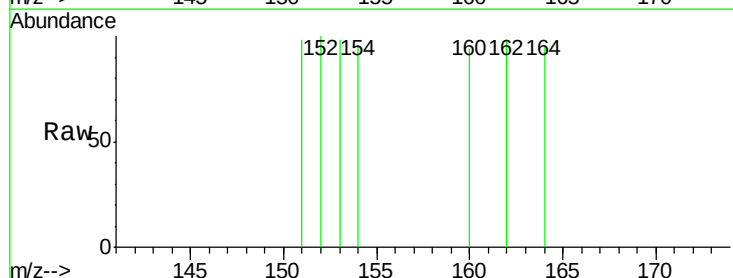


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

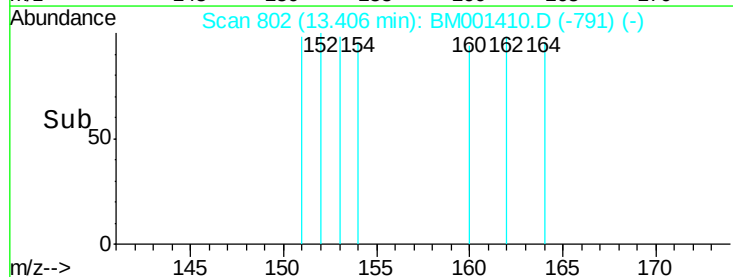
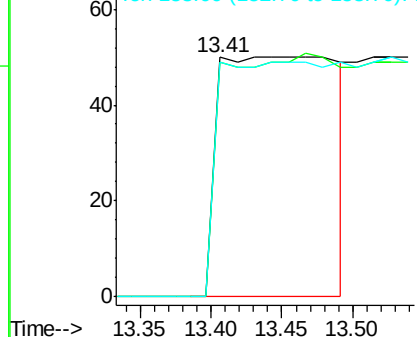


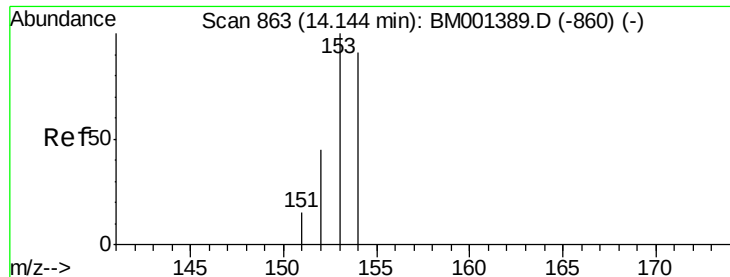
#15
Acenaphthylene
Concen: 0.03 ng
RT: 13.41 min Scan# 802
Delta R.T. -0.39 min
Lab File: BM001410.D
Acq: 23 May 2015 08:47

Tgt Ion:152 Resp: 280
Ion Ratio Lower Upper
152 100
151 0.0 15.1 22.7#
153 85.0 10.2 15.4#



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





#16

Acenaphthene

Concen: 0.00 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

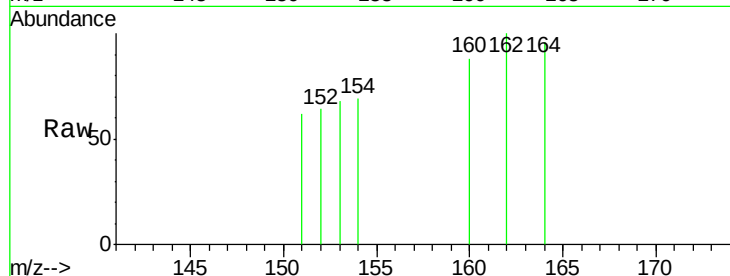
Tgt Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 116.7 91.4 137.2

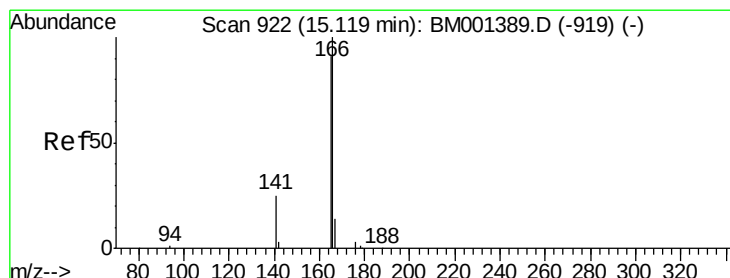
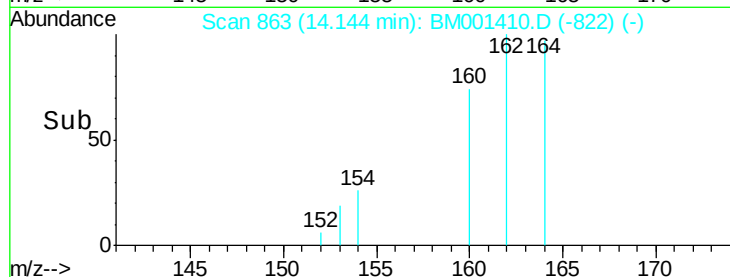
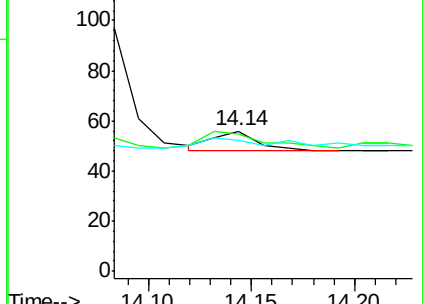
152 58.3 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#17

Fluorene

Concen: 0.08 ng

RT: 14.75 min Scan# 911

Delta R.T. -0.37 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

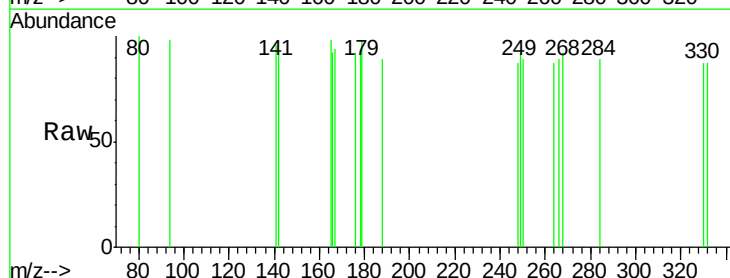
Tgt Ion:166 Resp: 292

Ion Ratio Lower Upper

166 100

165 0.0 72.6 108.8#

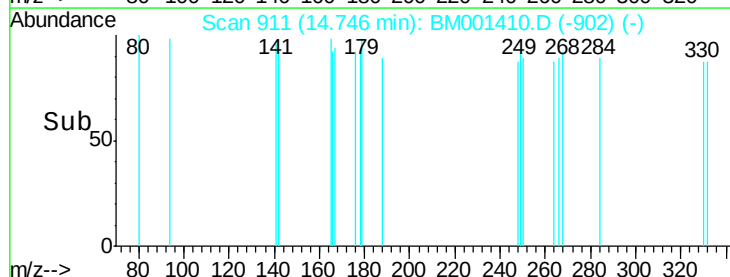
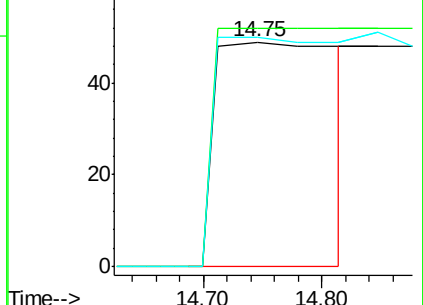
167 0.0 10.9 16.3#

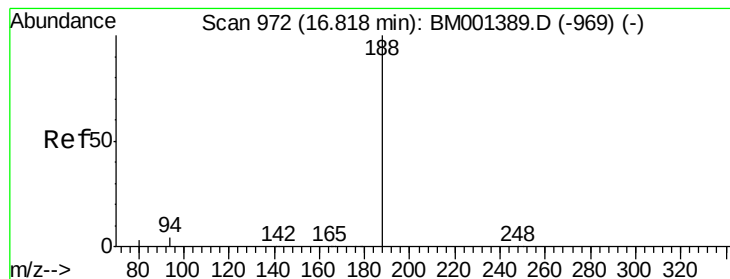


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.82 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

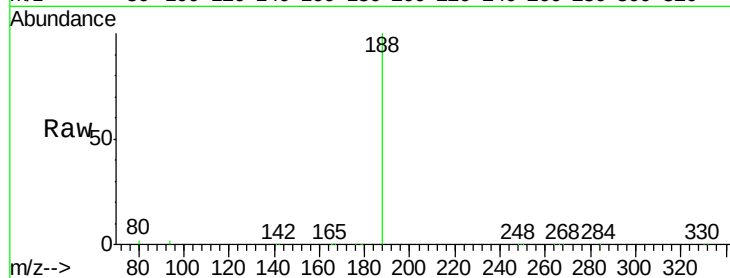
Tgt Ion:188 Resp: 74949

Ion Ratio Lower Upper

188 100

94 1.9 3.0 4.4#

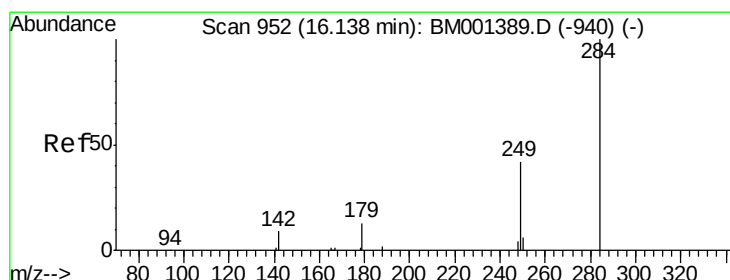
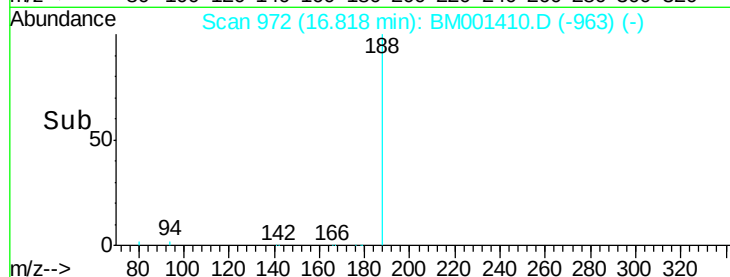
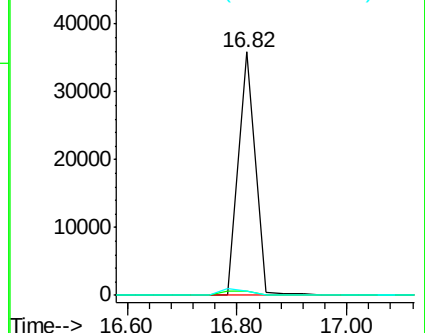
80 1.7 2.5 3.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.14 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

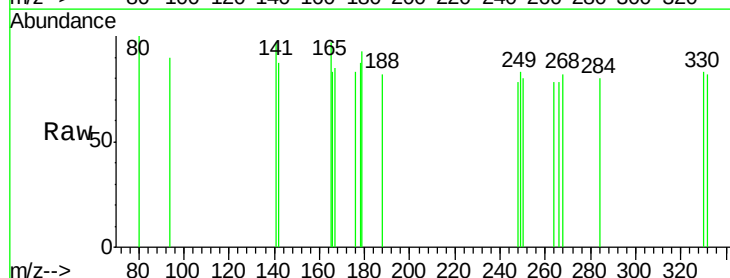
Tgt Ion:284 Resp: 6

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

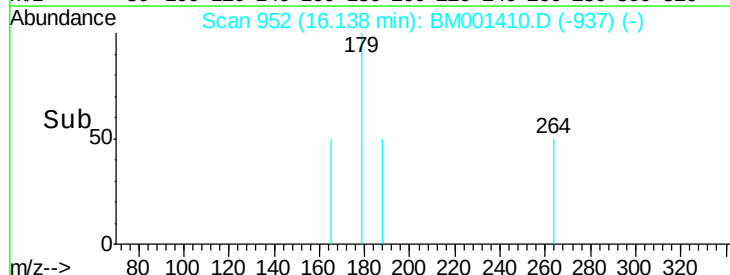
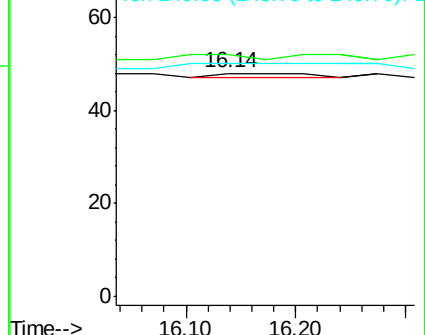
249 0.0 39.0 58.4#

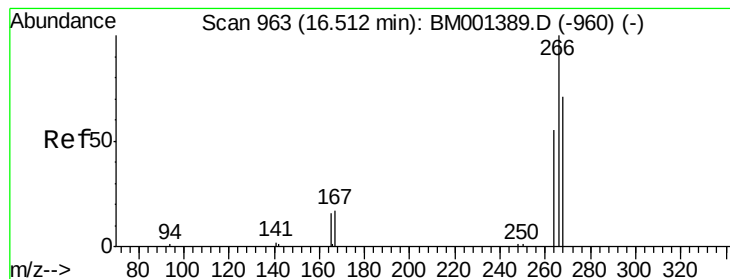


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: Below Cal

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

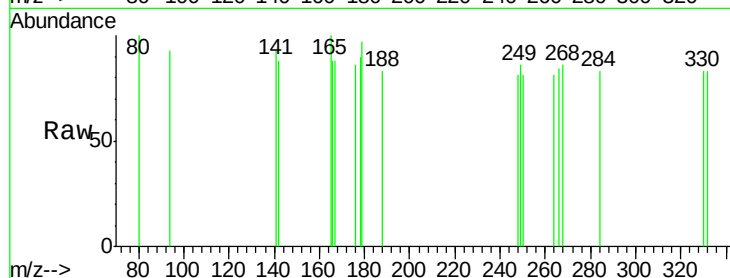
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

268 102.0 63.0 94.4#

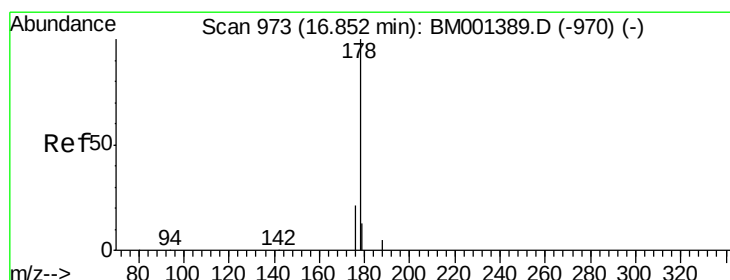
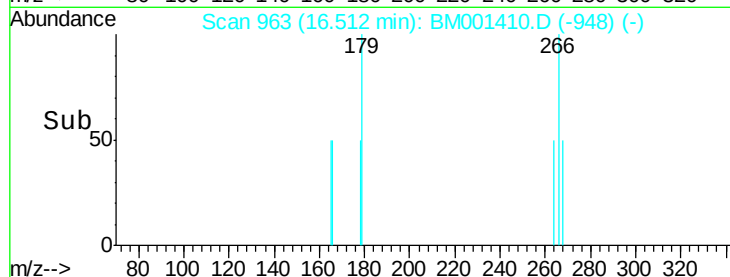
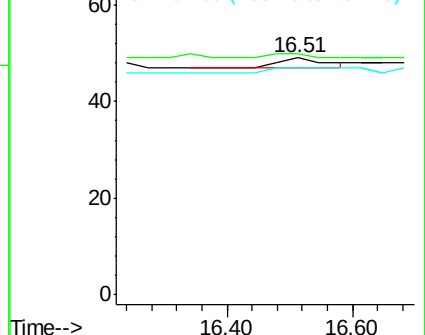
264 95.9 52.8 79.2#



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



#22

Phenanthrene

Concen: Below Cal

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

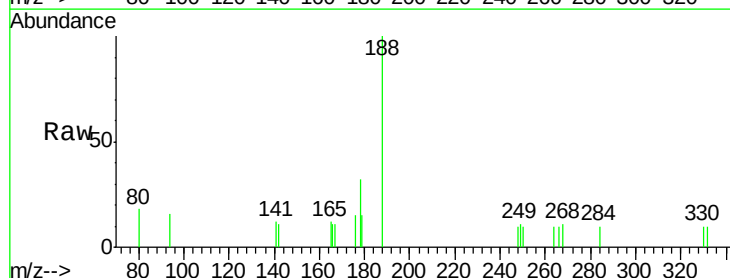
Tgt Ion:178 Resp: 243

Ion Ratio Lower Upper

178 100

176 23.5 16.8 25.2

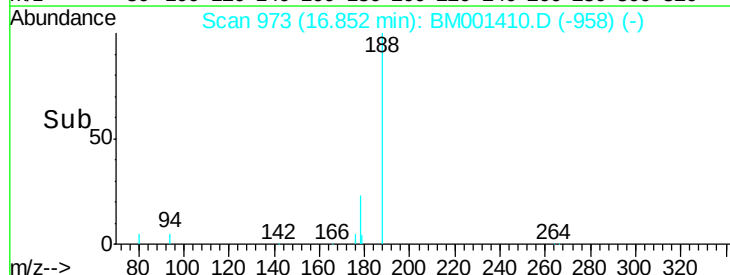
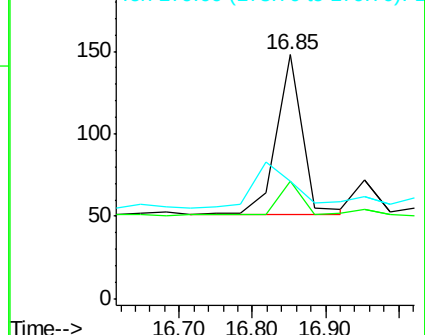
179 0.0 11.0 16.4#

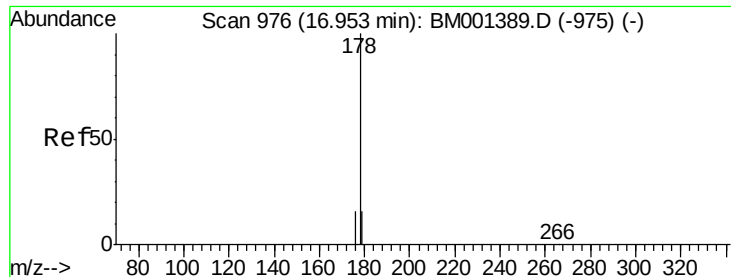


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.00 ng

RT: 16.95 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

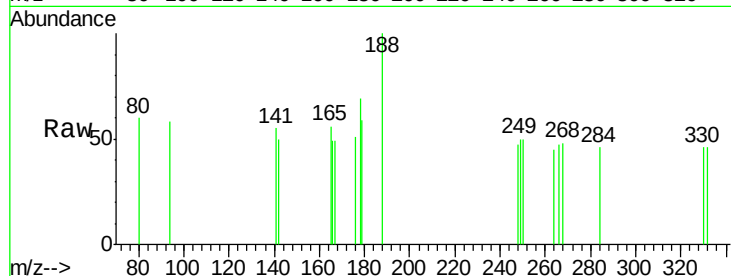
Tgt Ion:178 Resp: 47

Ion Ratio Lower Upper

178 100

176 0.0 13.1 19.7#

179 34.0 12.8 19.2#



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

150

100

50

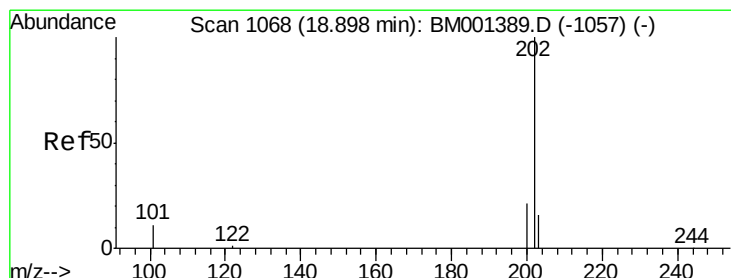
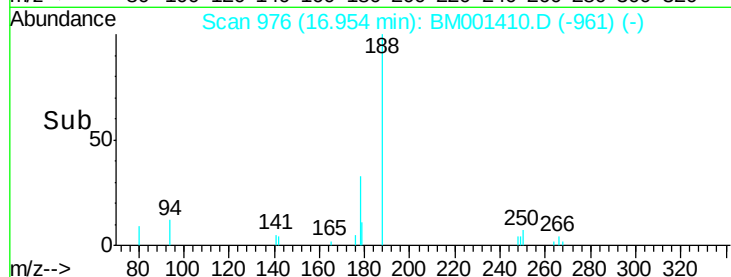
0

16.90

17.00

17.10

Time-->



#24

Fluoranthene

Concen: 0.01 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

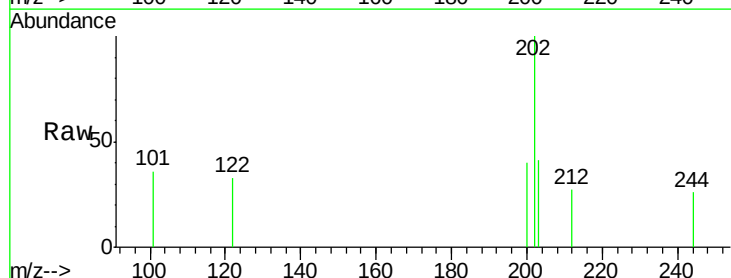
Tgt Ion:202 Resp: 177

Ion Ratio Lower Upper

202 100

101 16.9 8.6 12.8#

203 18.6 13.8 20.6



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

250

200

150

100

50

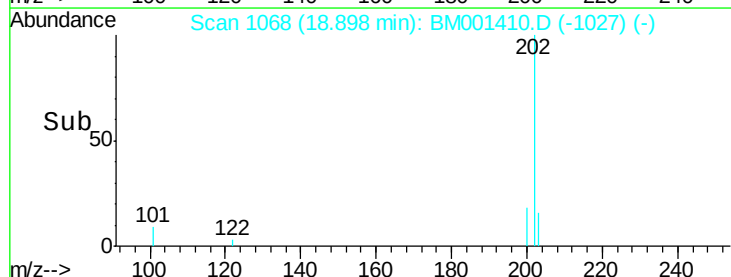
0

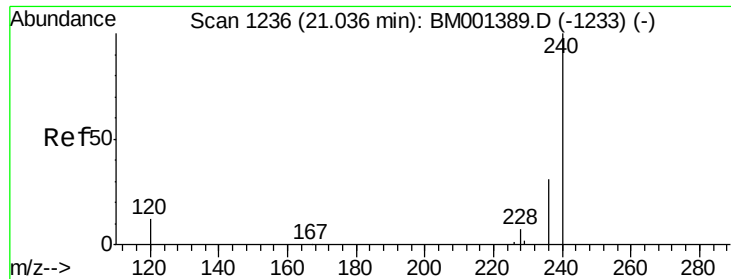
18.80

18.90

19.00

Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

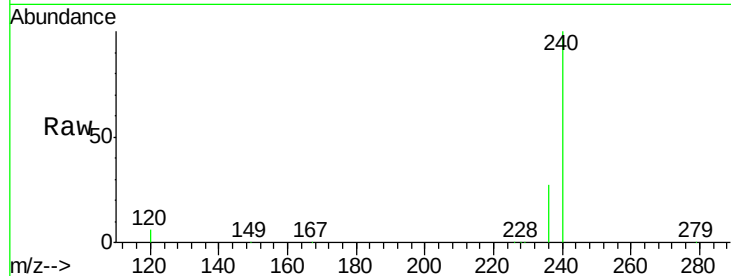
Tgt Ion:240 Resp: 41015

Ion Ratio Lower Upper

240 100

120 5.8 9.7 14.5#

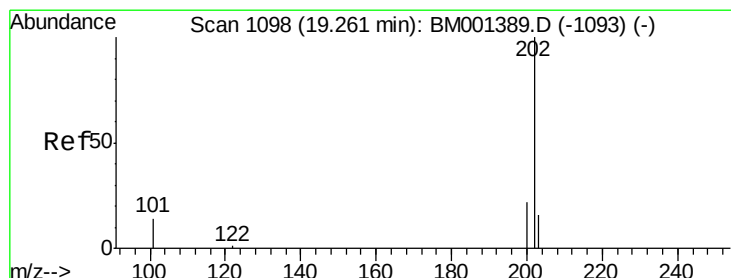
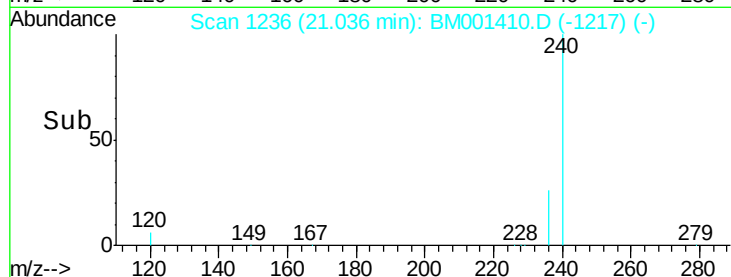
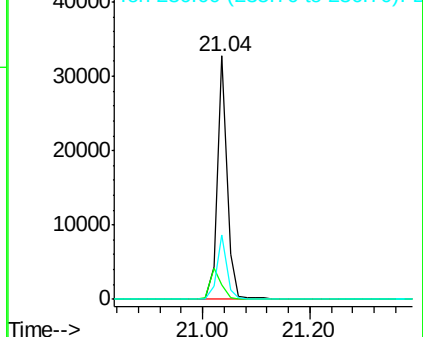
236 26.6 24.8 37.2



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



#26

Pyrene

Concen: 0.01 ng

RT: 18.90 min Scan# 1068

Delta R.T. -0.36 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

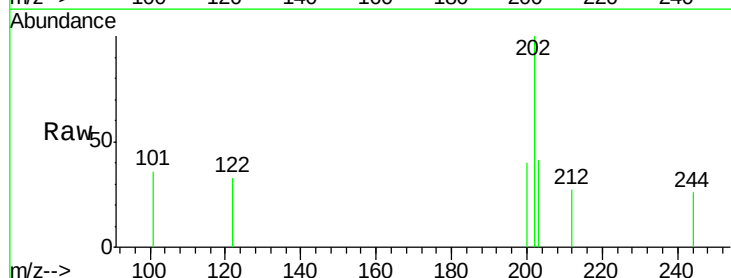
Tgt Ion:202 Resp: 177

Ion Ratio Lower Upper

202 100

200 19.2 16.4 24.6

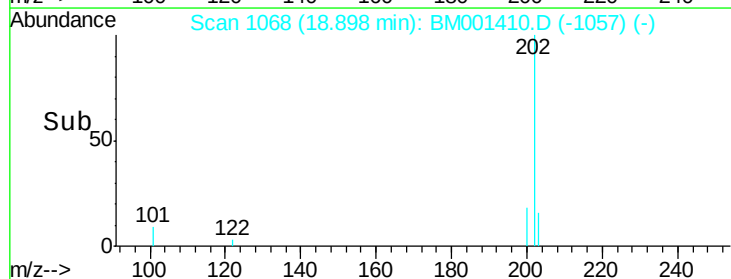
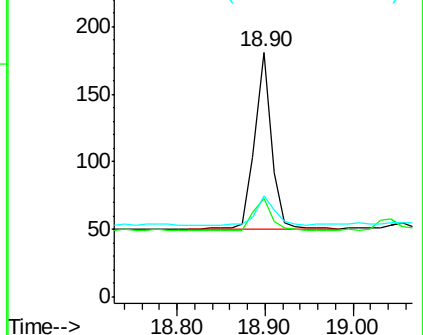
203 18.6 13.9 20.9

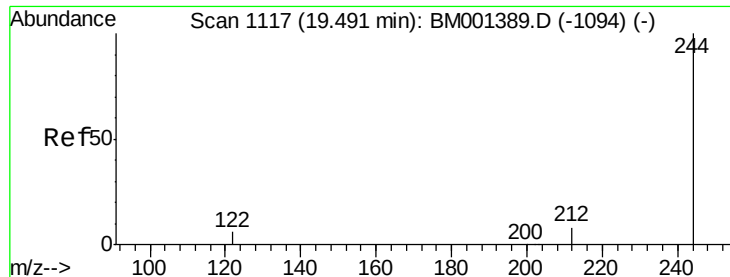


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 9.84 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

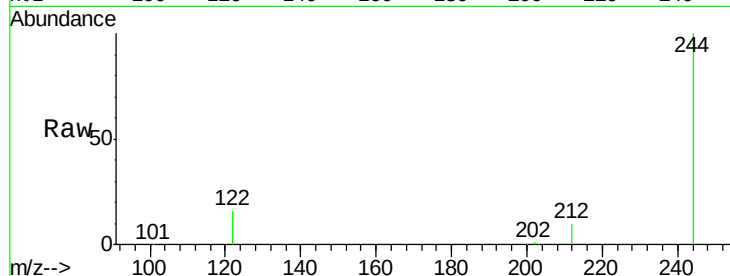
Tgt Ion:244 Resp: 54624

Ion Ratio Lower Upper

244 100

212 10.4 7.2 10.8

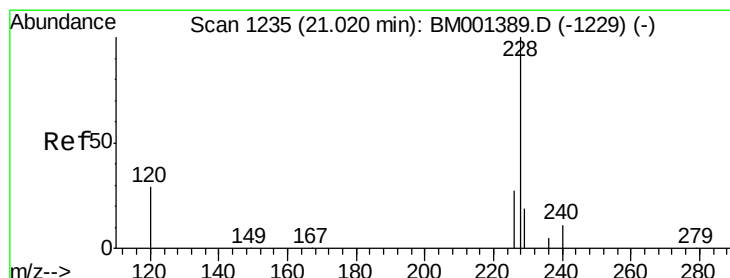
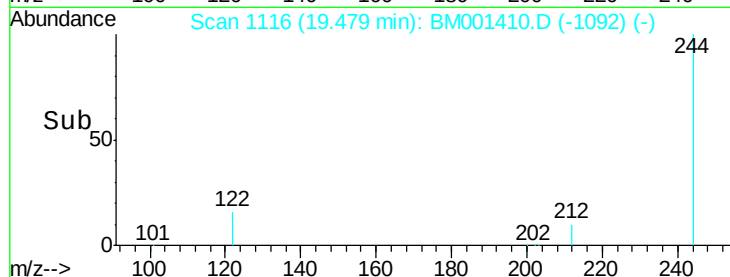
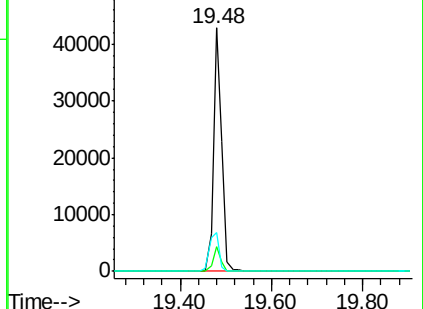
122 16.0 5.1 7.7#



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



#28

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.02 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

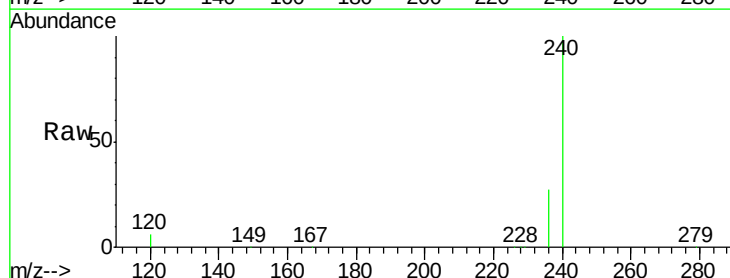
Tgt Ion:228 Resp: 281

Ion Ratio Lower Upper

228 100

226 43.8 21.9 32.9#

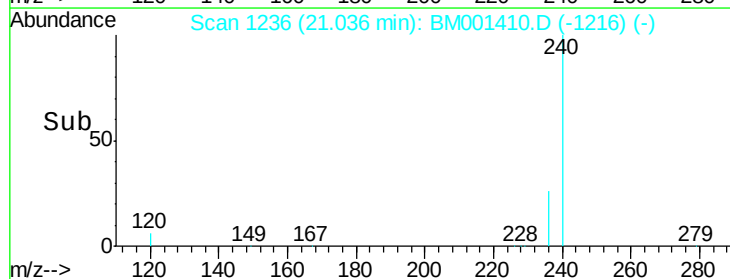
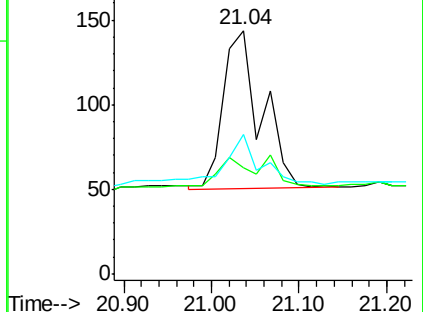
229 56.9 15.1 22.7#

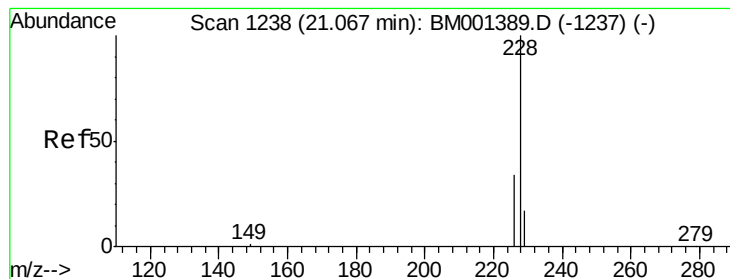


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.03 ng

RT: 21.04 min Scan# 1236

Delta R.T. -0.03 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

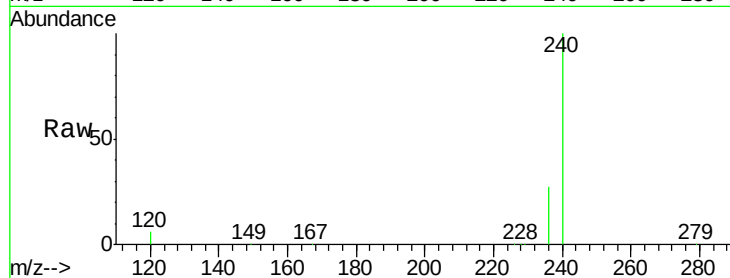
Tgt Ion: 228 Resp: 281

Ion Ratio Lower Upper

228 100

226 43.8 27.6 41.4#

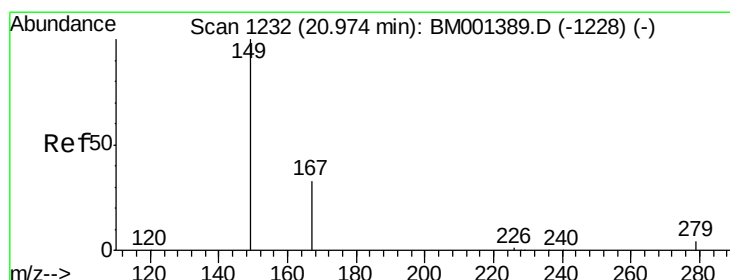
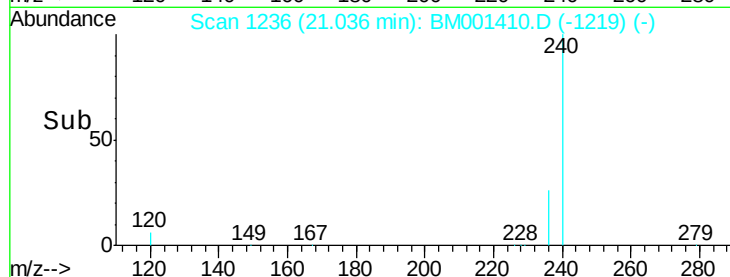
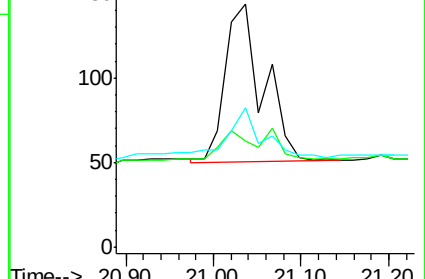
229 56.9 13.6 20.4#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

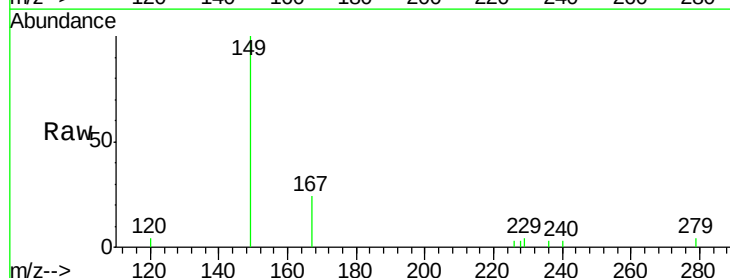
Tgt Ion: 149 Resp: 1821

Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.6

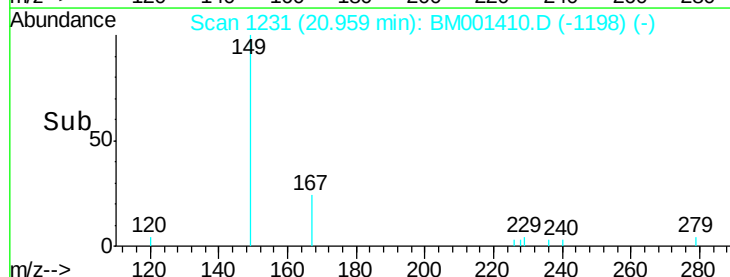
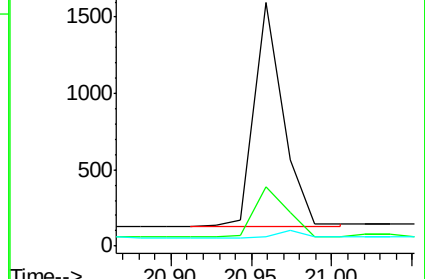
279 2.8 2.2 3.2

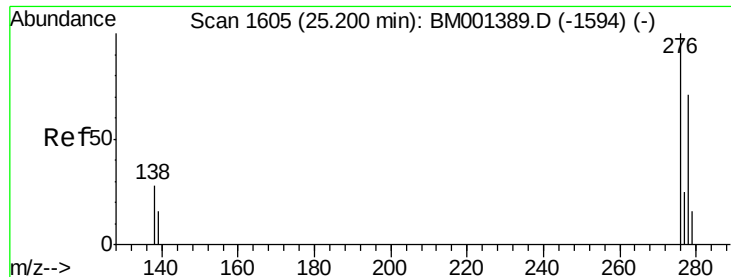


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

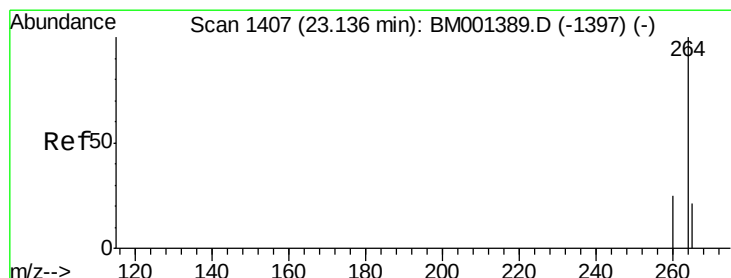
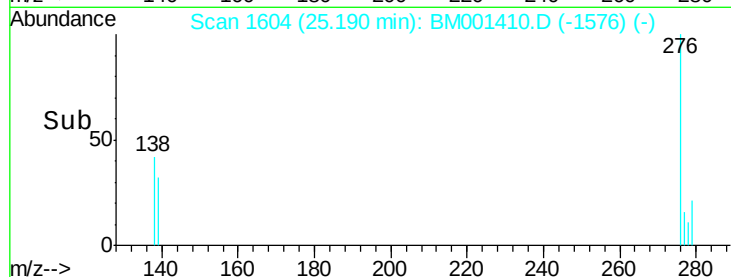
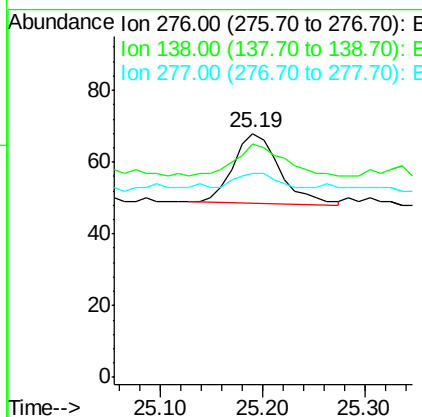
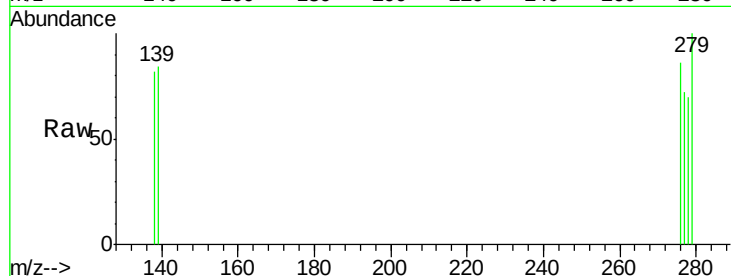
Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

Tgt Ion:	276	Resp:	61
Ion	Ratio	Lower	Upper
276	100		
138	50.8	23.4	35.0#
277	21.3	19.5	29.3



#32

Perylene-d12

Concen: 5.00 ng

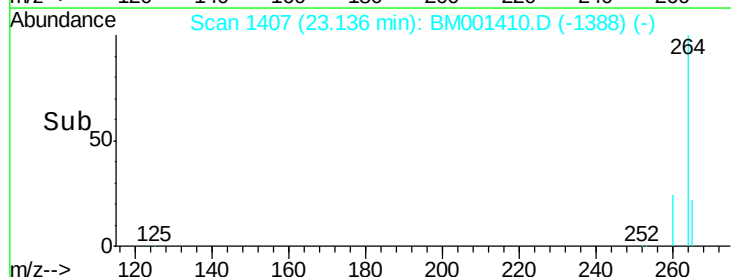
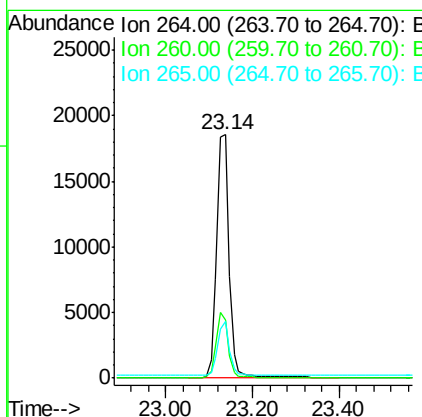
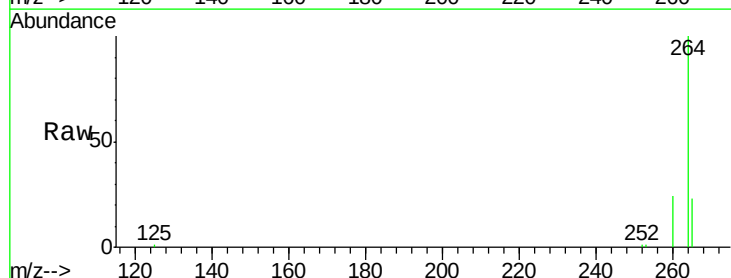
RT: 23.14 min Scan# 1407

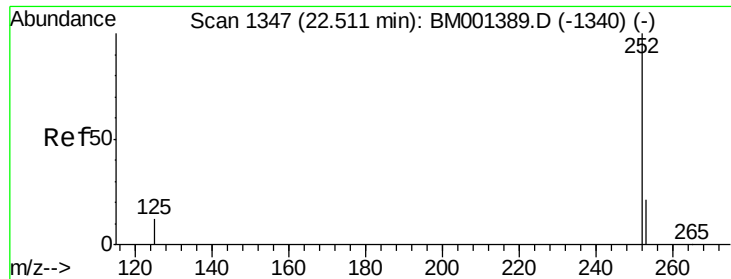
Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Tgt Ion:	264	Resp:	35755
Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	23.1	17.1	25.7





#33

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.51 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

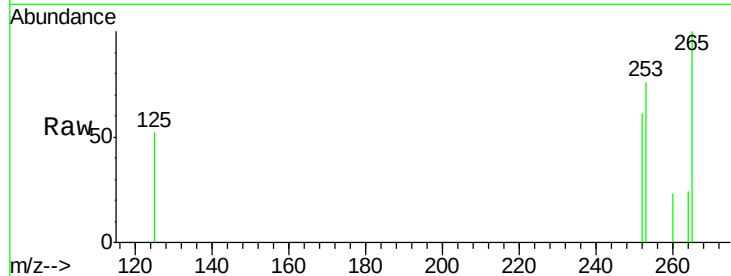
Tgt Ion:252 Resp: 151

Ion Ratio Lower Upper

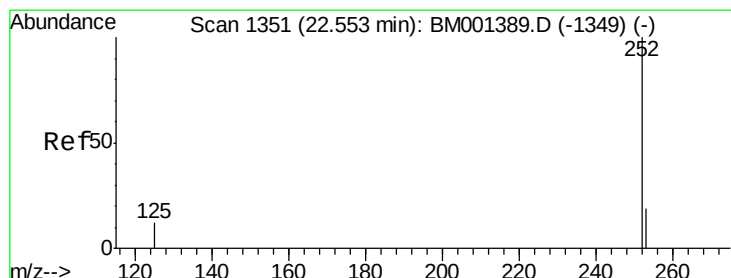
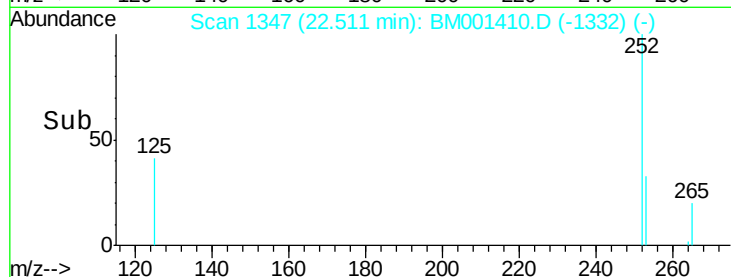
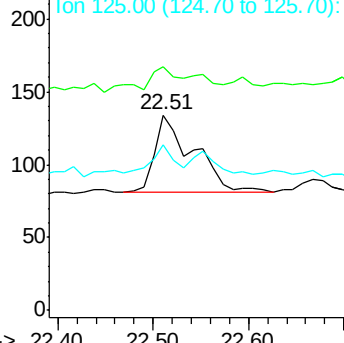
252 100

253 124.6 17.4 26.0#

125 85.1 10.2 15.4#



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



#34

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.51 min Scan# 1347

Delta R.T. -0.04 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

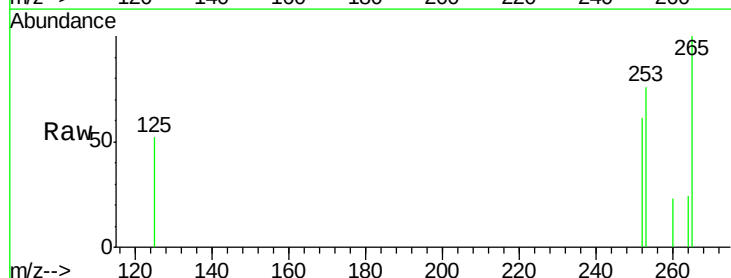
Tgt Ion:252 Resp: 151

Ion Ratio Lower Upper

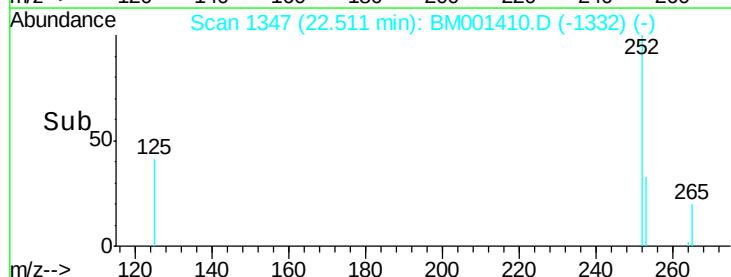
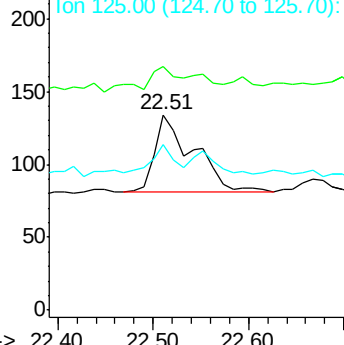
252 100

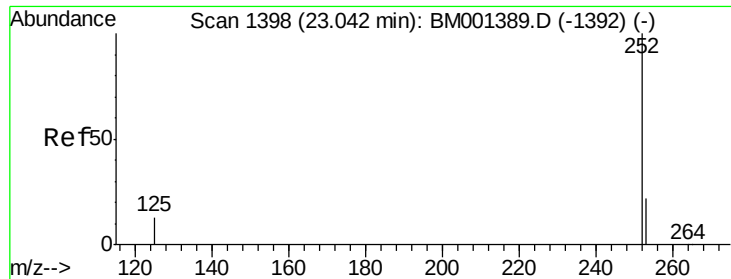
253 124.6 17.6 26.4#

125 85.1 9.7 14.5#



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





#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.03 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S

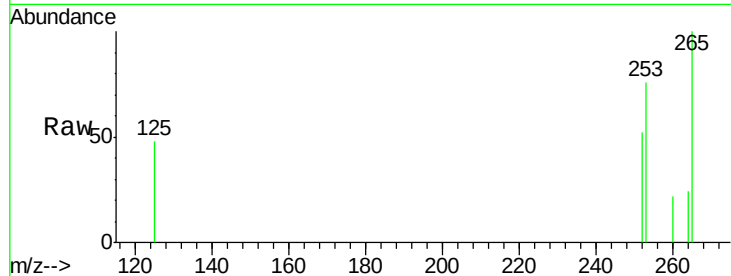
Tgt Ion: 252 Resp: 61

Ion Ratio Lower Upper

252 100

253 147.0 18.6 28.0#

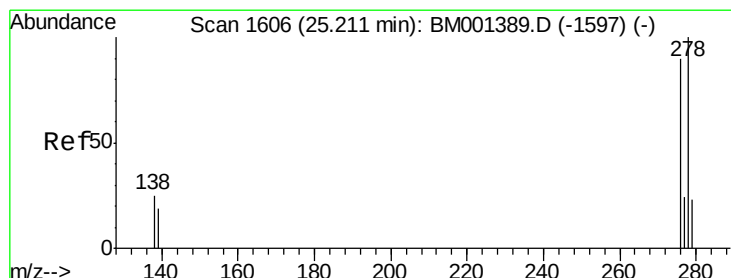
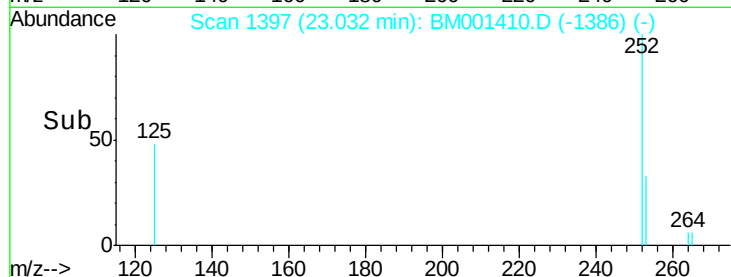
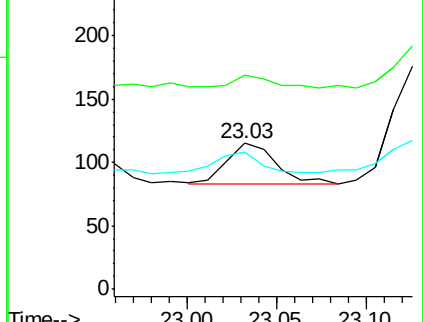
125 93.9 10.7 16.1#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001410.D

Acq: 23 May 2015 08:47

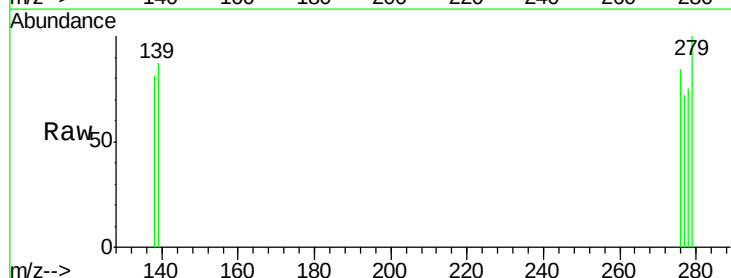
Tgt Ion: 278 Resp: 28

Ion Ratio Lower Upper

278 100

139 116.9 15.7 23.5#

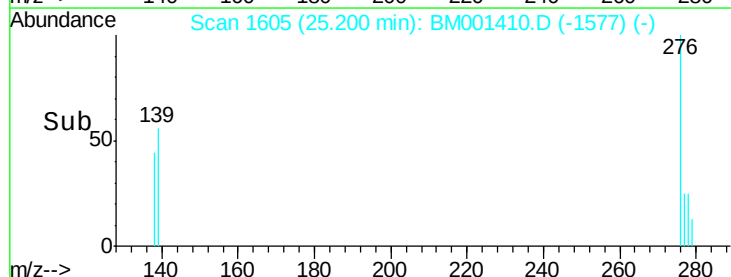
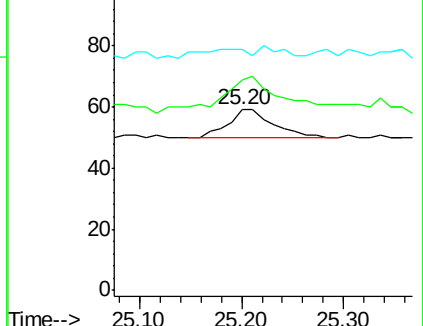
279 133.9 19.4 29.2#

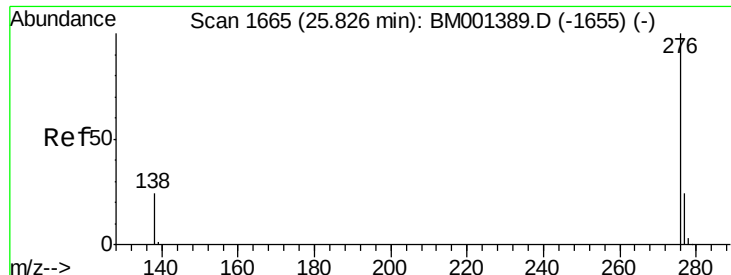


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 25.83 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BM001410.D

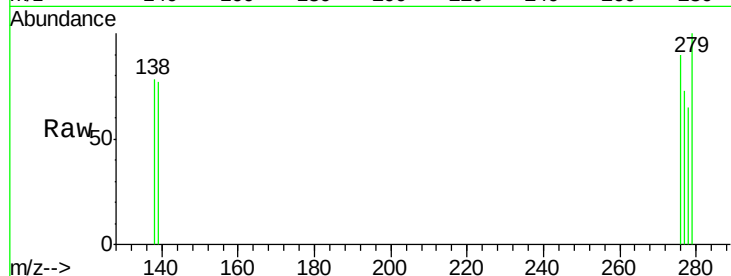
Acq: 23 May 2015 08:47

Instrument :

BNA_M

ClientSampleId :

052115-P20-E-U-S



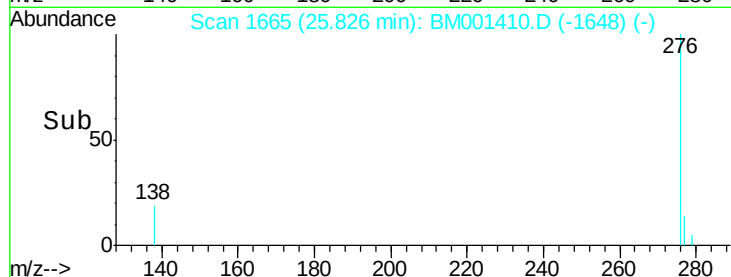
Tgt Ion: 276 Resp: 78

Ion Ratio Lower Upper

276 100

277 81.2 19.8 29.6#

138 87.0 20.2 30.2#



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

