

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005633.D
 Acq On : 24 May 2016 06:07
 Operator : UM/SJ
 Sample : H3086-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGG9RE

Quant Time: May 24 07:00:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	193073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	646553	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	240433	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.22	188	460034	20.00	ng/ul	0.03
75) Chrysene-d12	21.40	240	325988	20.00	ng/ul	0.04
83) Perylene-d12	23.75	264	319077	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	6814	1.55	ng/uL	0.00
5) Phenol-d5	6.99	99	257592	16.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	145331	15.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	215956	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	205036	15.81	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	105312	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	105290	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	192440	18.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	518621	50.53	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	297329	15.15	ng/ul	0.03
46) Acenaphthylene-d8	14.17	160	436997	17.81	ng/ul	0.04
51) 4-Nitrophenol-d4	14.70	143	79038	21.29	ng/ul	0.04
57) Fluorene-d10	15.47	176	331843	19.43	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.57	200	15628	5.91	ng/ul	0.02
70) Anthracene-d10	17.31	188	404238	18.45	ng/ul	0.03
76) Pyrene-d10	19.60	212	347338	23.53	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.60	264	278657	18.70	ng/ul	0.10

Target Compounds

						Qvalue
14) Acetophenone	8.60	105	26507	1.36	ng/ul#	42
17) Hexachloroethane	8.91	117	13735	2.59	ng/ul#	5
21) Isophorone	9.52	82	23262	1.04	ng/ul#	1
23) 2-Nitrophenol	9.73	139	6024	1.03	ng/ul#	1
28) Naphthalene	10.66	128	50159	1.54	ng/ul#	1
32) Caprolactam	11.53	113	55795	16.55	ng/ul#	1
34) 2-Methylnaphthalene	12.28	142	1122724	47.24	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	7454	1.39	ng/ul#	13
40) 1,1'-Biphenyl	13.31	154	52993	2.63	ng/ul#	69
41) 2-Chloronaphthalene	13.30	162	25813	1.66	ng/ul#	1
42) 2-Nitroaniline	13.56	65	18226	3.89	ng/ul#	34
44) Dimethylphthalate	13.92	163	72828	3.76	ng/ul#	53
45) 2,6-Dinitrotoluene	14.02	165	14845	3.79	ng/ul#	51
47) Acenaphthylene	14.20	152	184753	7.41	ng/ul#	1
49) Acenaphthene	14.53	153	780860	47.50	ng/ul	96
52) 4-Nitrophenol	14.74	109	50626	13.57	ng/ul#	27
53) Dibenzofuran	14.87	168	153420	6.54	ng/ul#	1
54) 2,4-Dinitrotoluene	14.89	165	213773	37.36	ng/ul#	62
58) Fluorene	15.52	166	584735	31.13	ng/ul#	88
60) 4-Nitroaniline	15.52	138	4987	1.13	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.56	198	5340	1.92	ng/ul#	1
64) N-Nitrosodiphenylamine	15.73	169	1105809	79.22	ng/ul#	58
67) Atrazine	16.67	200	6896	1.32	ng/ul#	1

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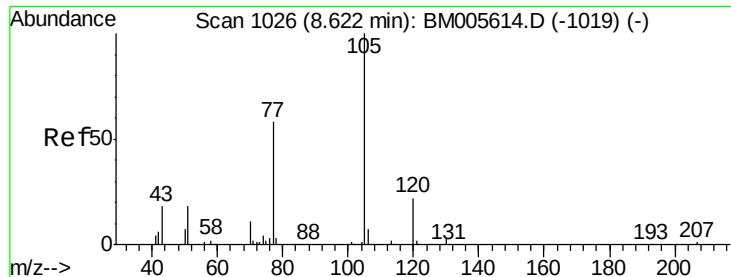
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) Phenanthrene	17.26	178	1464325	56.95	ng/ul#	94
71) Anthracene	17.34	178	65249	2.49	ng/ul#	50
73) Di-n-butylphthalate	18.16	149	53700	1.95	ng/ul#	57
74) Fluoranthene	19.27	202	154919	5.35	ng/ul#	86
77) Pyrene	19.63	202	588839	31.42	ng/ul	99
78) Butylbenzylphthalate	20.53	149	9930	1.26	ng/ul#	52
79) 3,3'-Dichlorobenzidine	21.33	252	5950	1.01	ng/ul#	1
80) Benzo(a)anthracene	21.39	228	123961	6.47	ng/ul#	27
81) Bis(2-ethylhexyl)phthalate	21.30	149	43926	3.94	ng/ul#	64
82) Chrysene	21.44	228	238560	13.09	ng/ul#	58
84) Di-n-octyl phthalate	22.29	149	49163	2.69	ng/ul#	1
85) Benzo(b)fluoranthene	23.04	252	70059	3.72	ng/ul#	1
86) Benzo(k)fluoranthene	23.04	252	71129	3.99	ng/ul#	1
88) Benzo(a)pyrene	23.65	252	52218	2.86	ng/ul#	1

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



#14

Acetophenone

Concen: 1.36 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

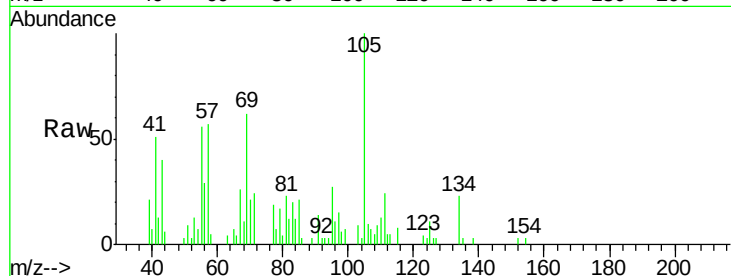
Tgt Ion:105 Resp: 26507

Ion Ratio Lower Upper

105 100

77 19.5 60.8 91.2#

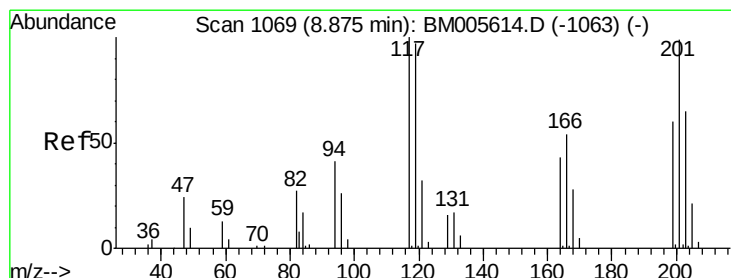
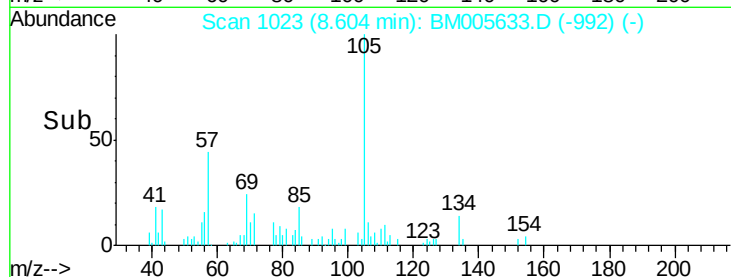
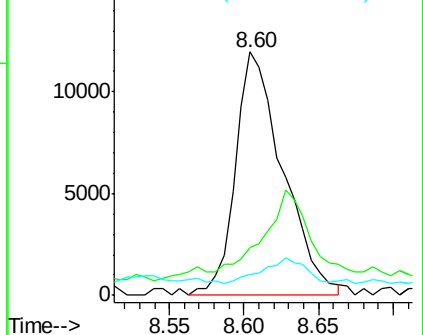
51 8.7 22.2 33.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 2.59 ng/ul

RT: 8.91 min Scan# 1075

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

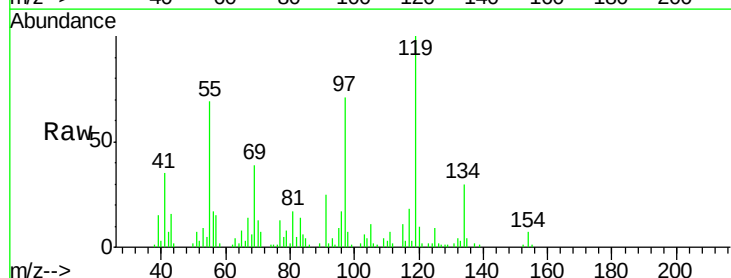
Tgt Ion:117 Resp: 13735

Ion Ratio Lower Upper

117 100

201 0.0 84.8 127.2#

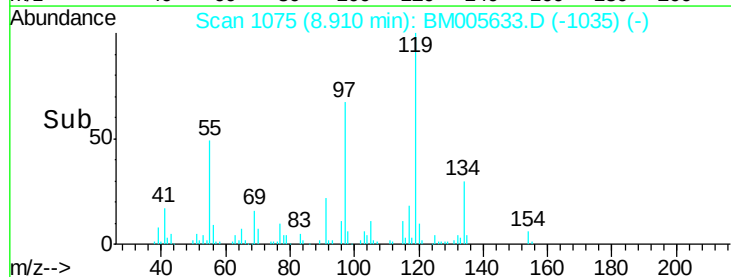
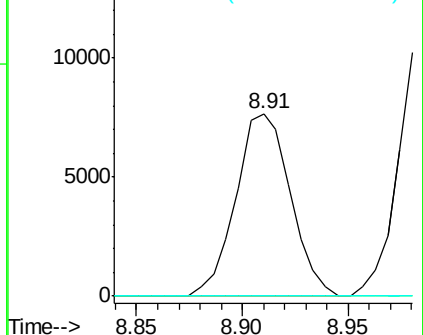
199 0.0 50.5 75.7#

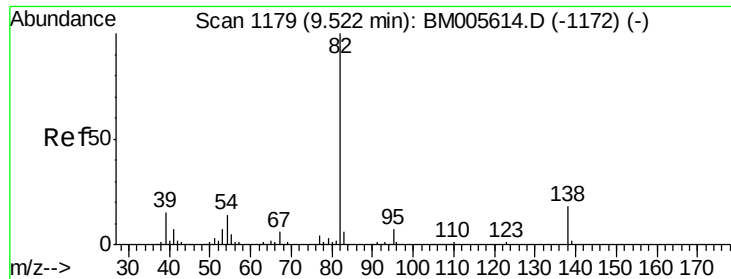


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

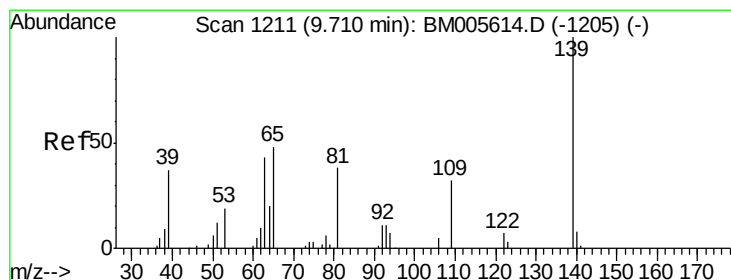
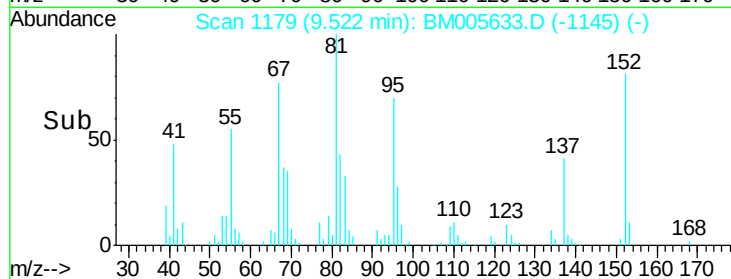
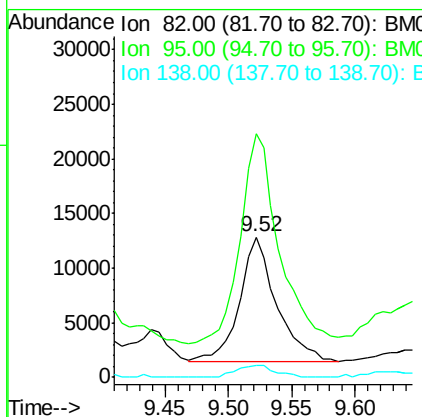
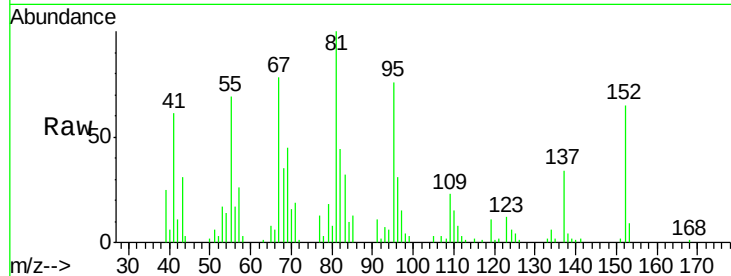




#21
Isophorone
Concen: 1.04 ng/ul
RT: 9.52 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

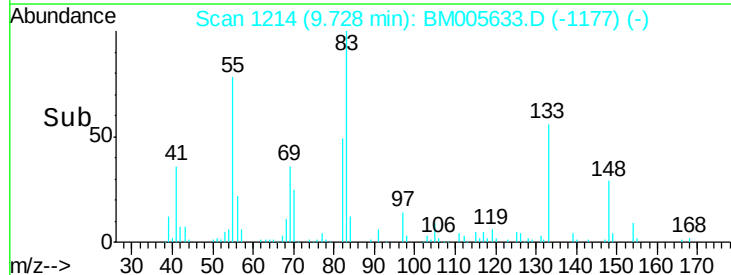
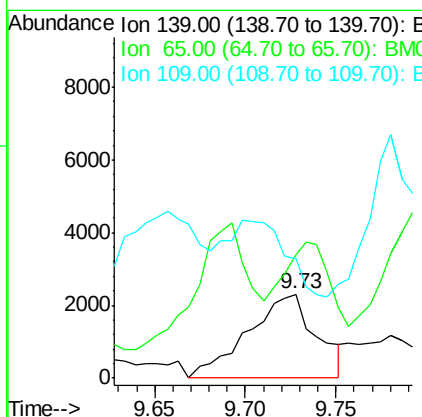
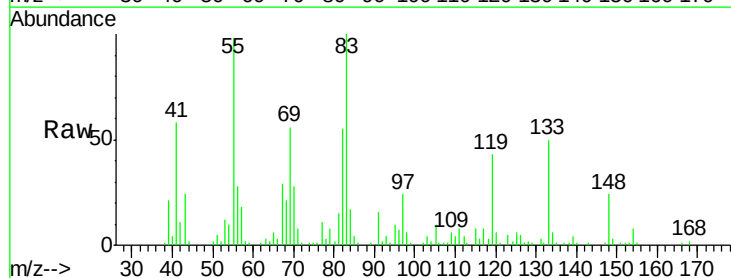
Instrument :
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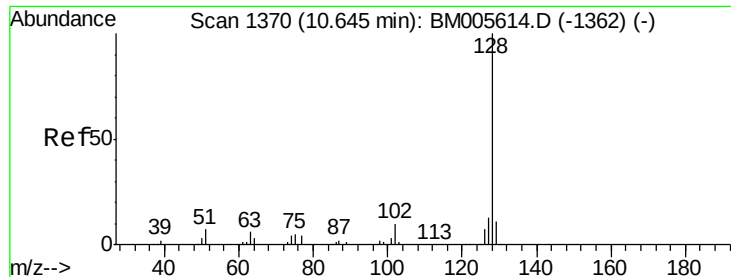
Tgt Ion: 82 Resp: 23262
Ion Ratio Lower Upper
82 100
95 173.7 6.4 9.6#
138 8.4 13.8 20.6#



#23
2-Nitrophenol
Concen: 1.03 ng/ul
RT: 9.73 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

Tgt Ion: 139 Resp: 6024
Ion Ratio Lower Upper
139 100
65 147.2 45.2 67.8#
109 141.5 30.8 46.2#

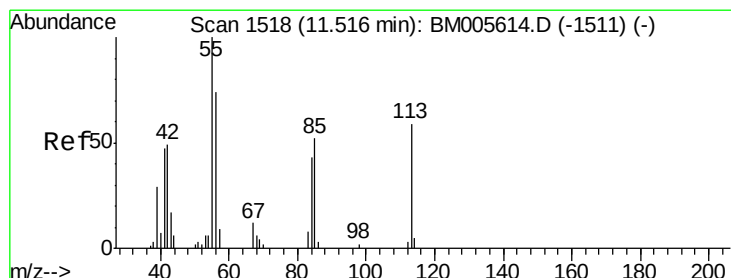
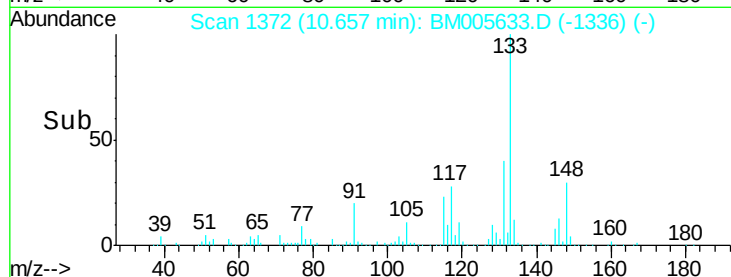
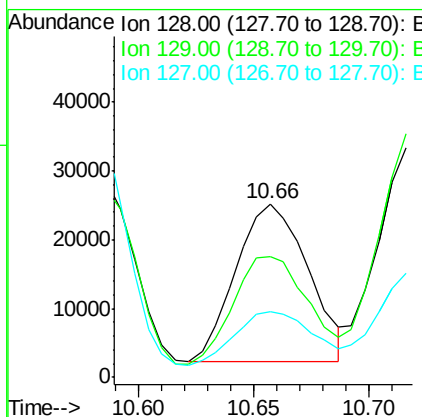
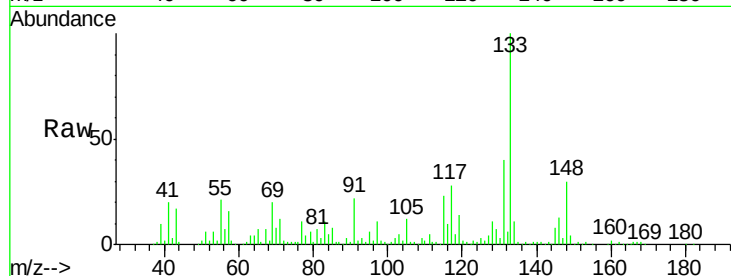




#28
Naphthalene
Concen: 1.54 ng/ul
RT: 10.66 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

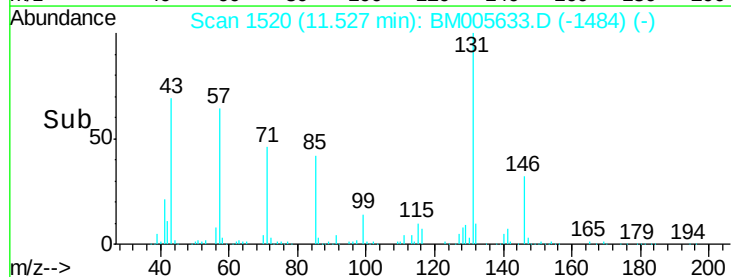
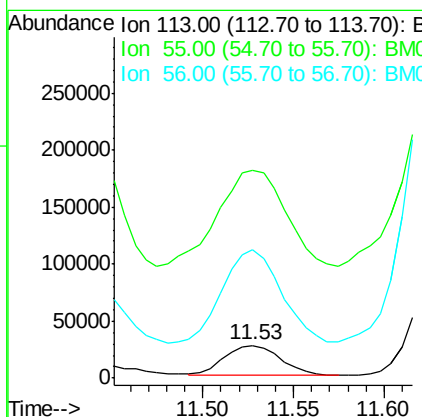
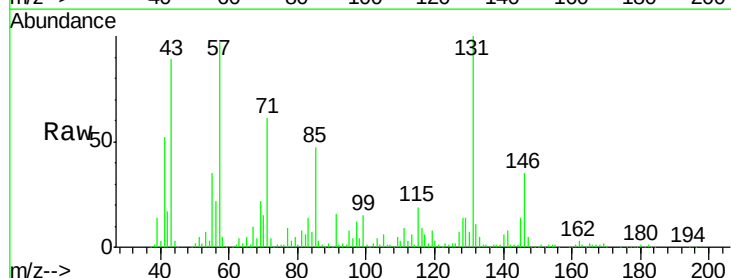
Instrument :
BNA_M
ClientSampleId :
JHGG9RE

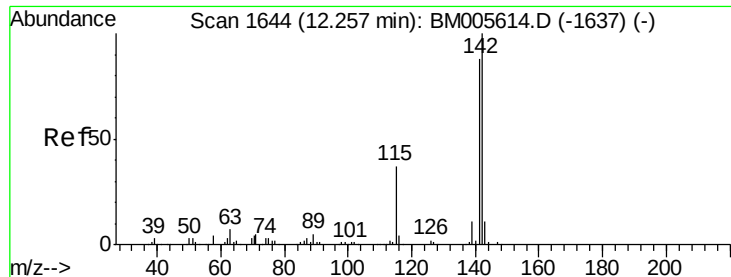
Tgt Ion:128 Resp: 50159
Ion Ratio Lower Upper
128 100
129 69.7 8.6 13.0#
127 37.6 10.6 15.8#



#32
Caprolactam
Concen: 16.55 ng/ul
RT: 11.53 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

Tgt Ion:113 Resp: 55795
Ion Ratio Lower Upper
113 100
55 637.6 124.6 187.0#
56 394.9 95.2 142.8#

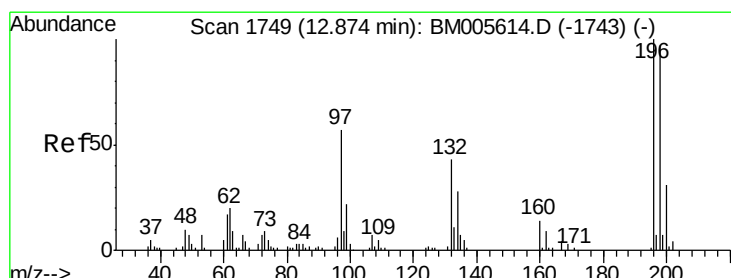
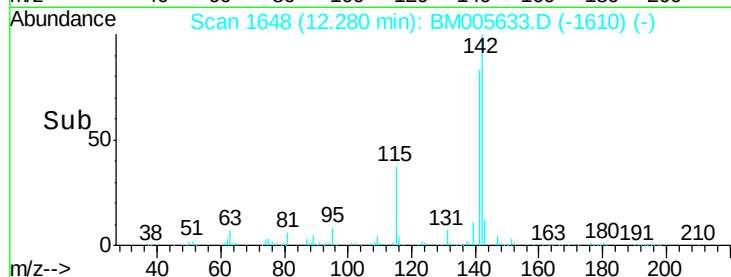
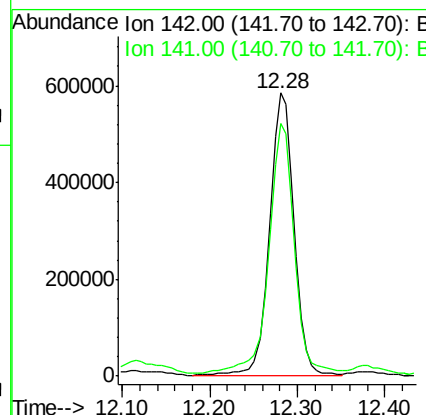
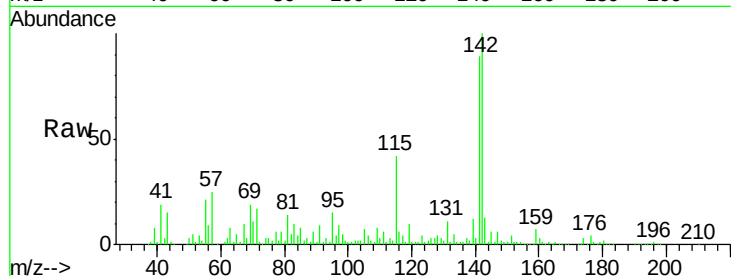




#34
 2-Methylnaphthalene
 Concen: 47.24 ng/ul
 RT: 12.28 min Scan# 1648
 Delta R.T. 0.02 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

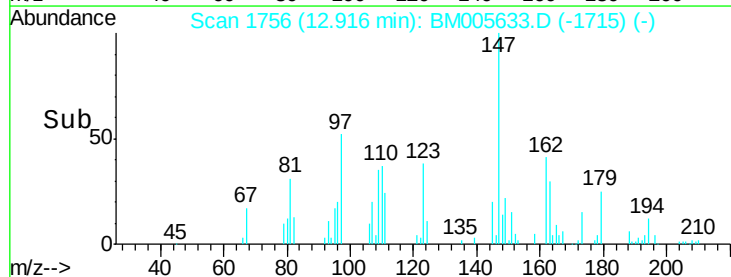
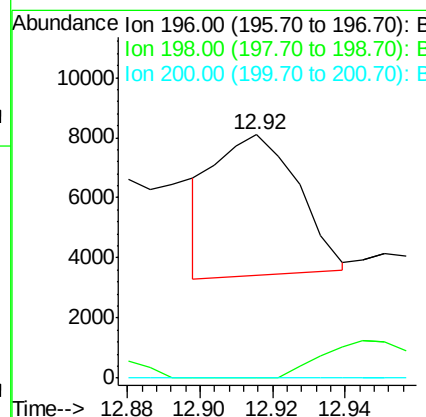
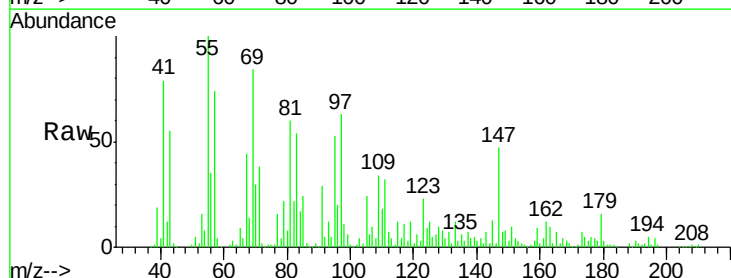
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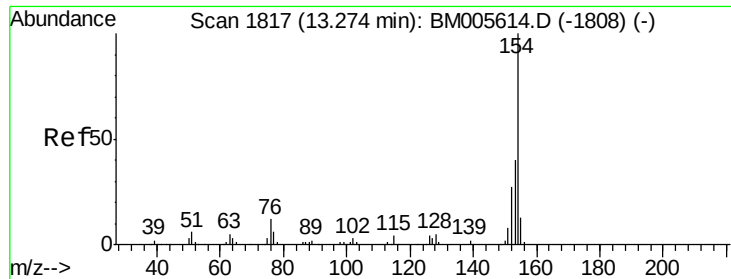
Tgt Ion:142 Resp: 1122724
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.6 106.0



#38
 2,4,6-Trichlorophenol
 Concen: 1.39 ng/ul
 RT: 12.92 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

Tgt Ion:196 Resp: 7454
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.0 112.4#
 200 0.0 25.2 37.8#





#40

1,1'-Biphenyl

Concen: 2.63 ng/ul

RT: 13.31 min Scan# 1823

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

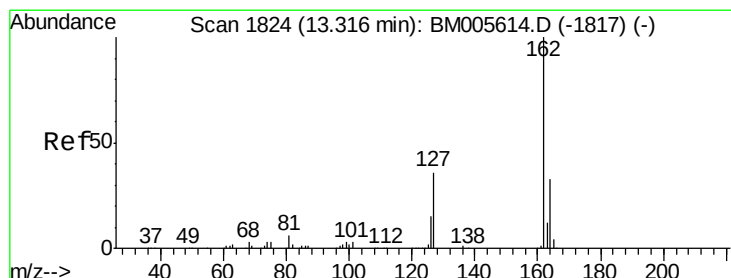
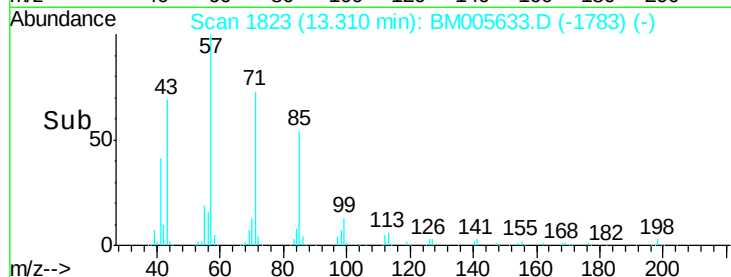
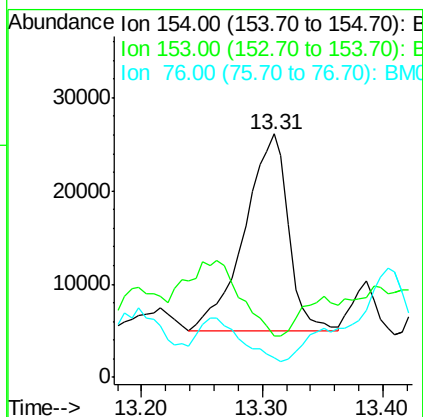
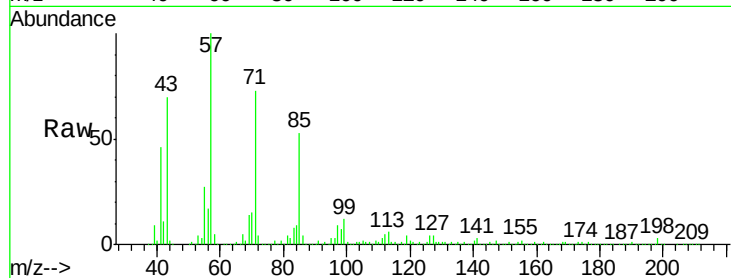
Tgt Ion:154 Resp: 52993

Ion Ratio Lower Upper

154 100

153 16.9 31.7 47.5#

76 7.8 10.1 15.1#



#41

2-Chloronaphthalene

Concen: 1.66 ng/ul

RT: 13.30 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

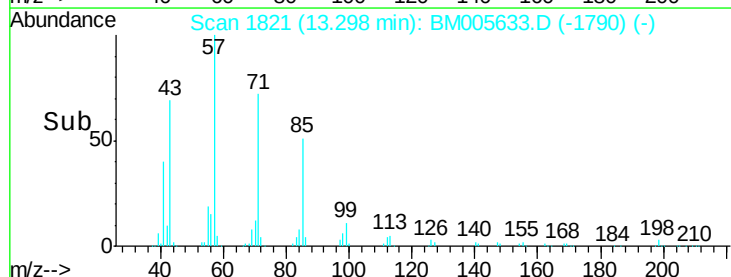
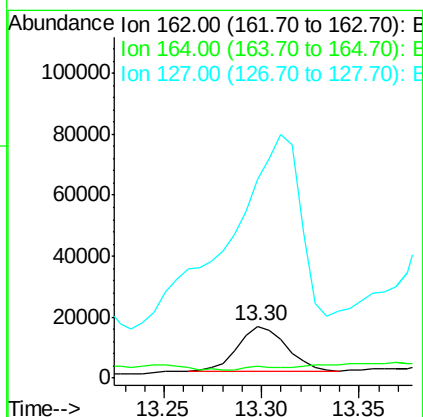
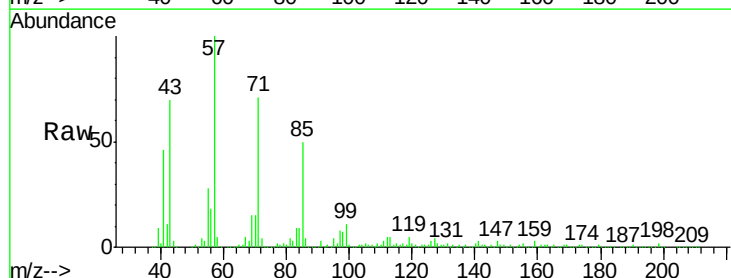
Tgt Ion:162 Resp: 25813

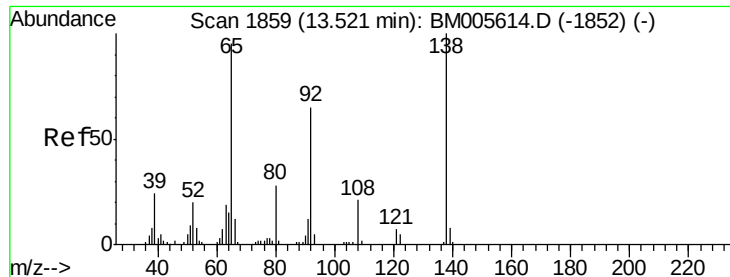
Ion Ratio Lower Upper

162 100

164 22.8 25.9 38.9#

127 384.3 32.0 48.0#





#42

2-Nitroaniline

Concen: 3.89 ng/ul

RT: 13.56 min Scan# 1866

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

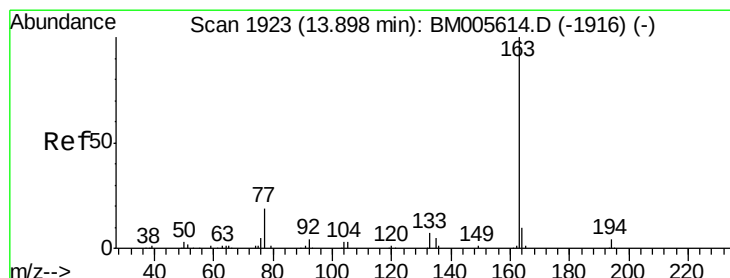
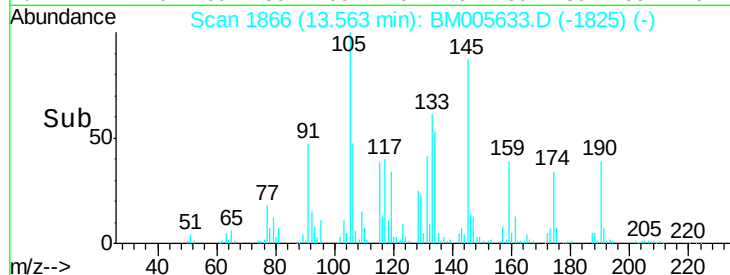
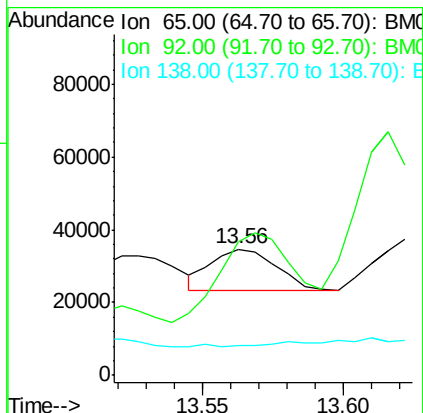
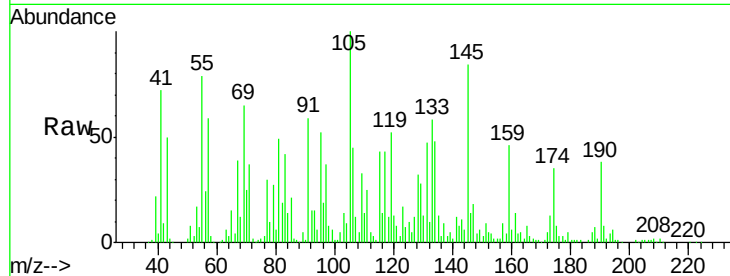
Tgt Ion: 65 Resp: 18226

Ion Ratio Lower Upper

65 100

92 105.8 53.6 80.4#

138 23.8 82.6 124.0#



#44

Dimethylphthalate

Concen: 3.76 ng/ul

RT: 13.92 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

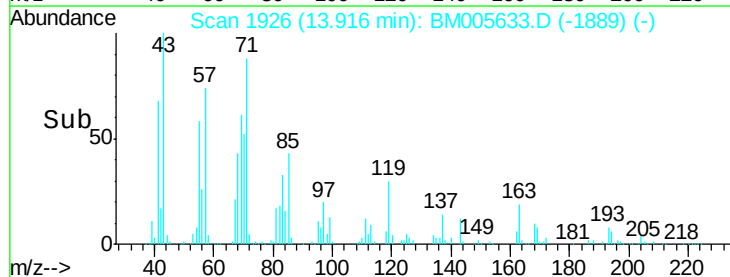
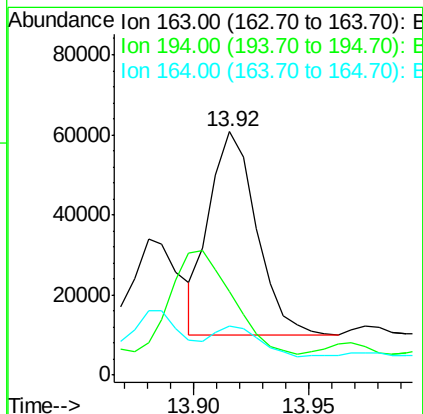
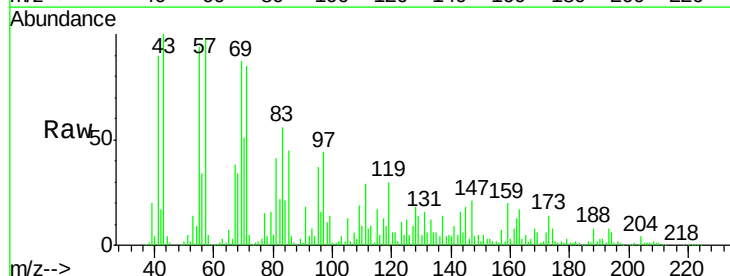
Tgt Ion: 163 Resp: 72828

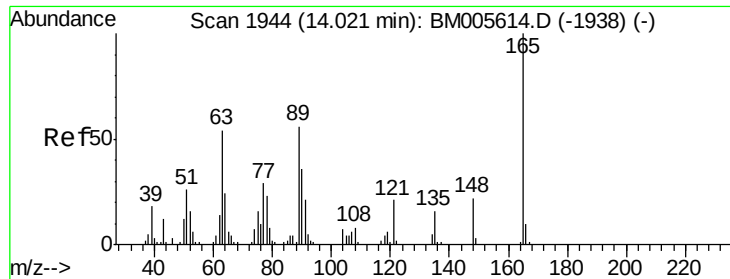
Ion Ratio Lower Upper

163 100

194 34.5 3.4 5.0#

164 20.2 8.0 12.0#

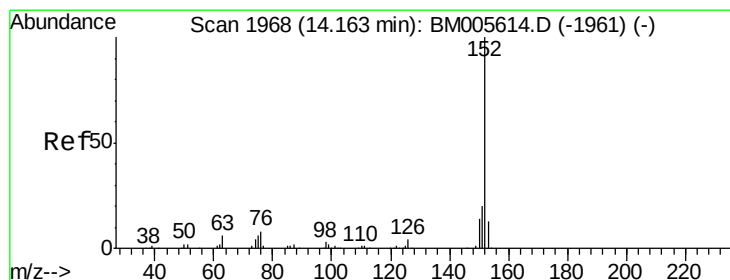
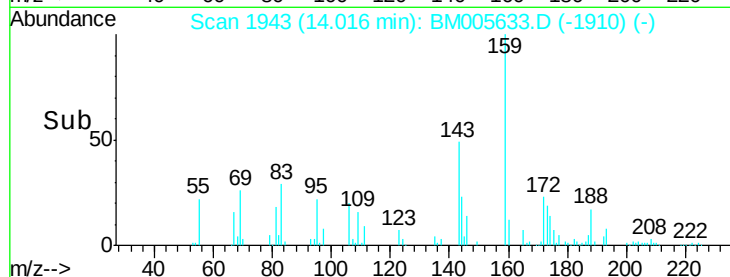
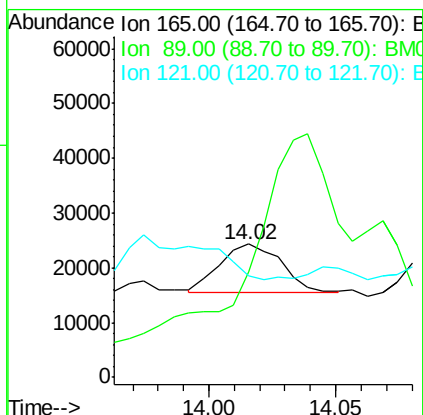
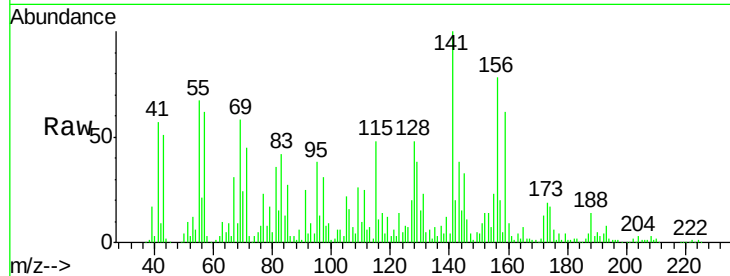




#45
 2,6-Dinitrotoluene
 Concen: 3.79 ng/ul
 RT: 14.02 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

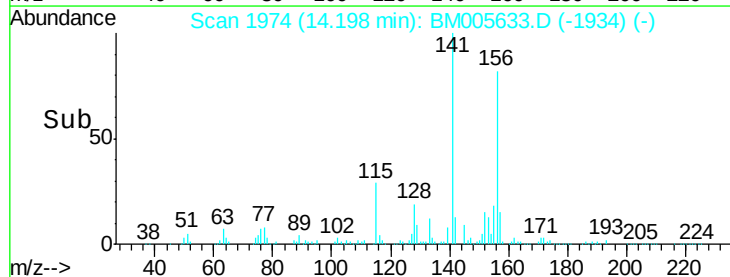
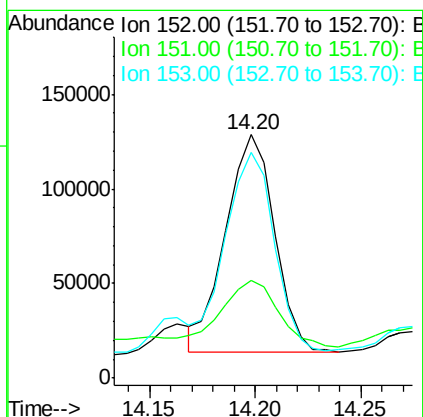
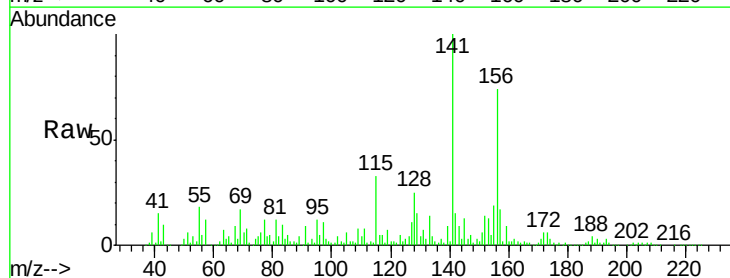
Instrument :
 BNA_M
 ClientSampled :
 JHGG9RE

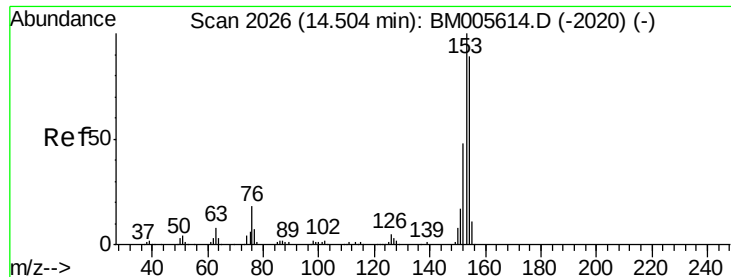
Tgt Ion:165 Resp: 14845
 Ion Ratio Lower Upper
 165 100
 89 78.9 48.2 72.2#
 121 76.5 17.4 26.0#



#47
 Acenaphthylene
 Concen: 7.41 ng/ul
 RT: 14.20 min Scan# 1974
 Delta R.T. 0.04 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

Tgt Ion:152 Resp: 184753
 Ion Ratio Lower Upper
 152 100
 151 40.3 15.7 23.5#
 153 92.5 10.5 15.7#





#49

Acenaphthene

Concen: 47.50 ng/ul

RT: 14.53 min Scan# 2031

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

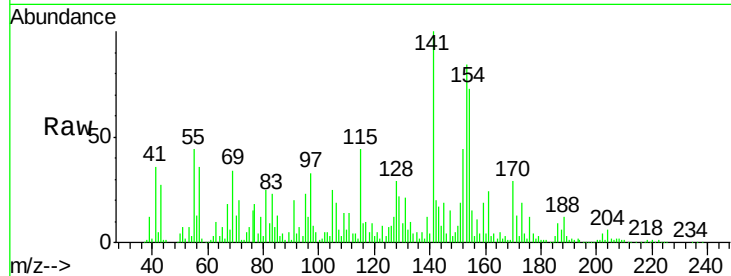
Tgt Ion:153 Resp: 780860

Ion Ratio Lower Upper

153 100

152 52.8 37.8 56.6

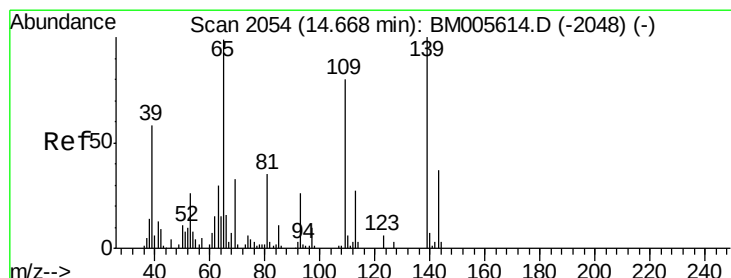
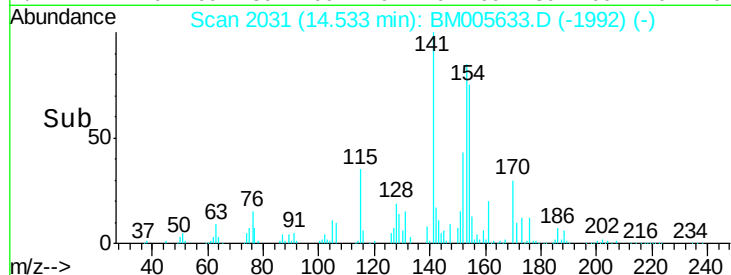
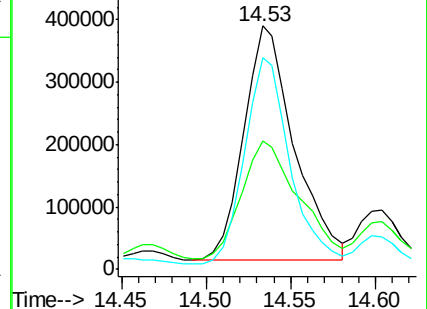
154 87.0 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 13.57 ng/ul

RT: 14.74 min Scan# 2066

Delta R.T. 0.07 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

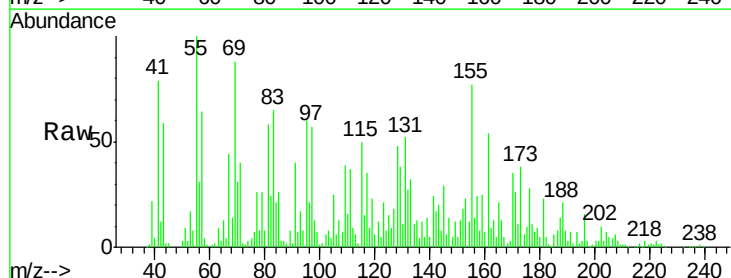
Tgt Ion:109 Resp: 50626

Ion Ratio Lower Upper

109 100

139 35.2 87.5 131.3#

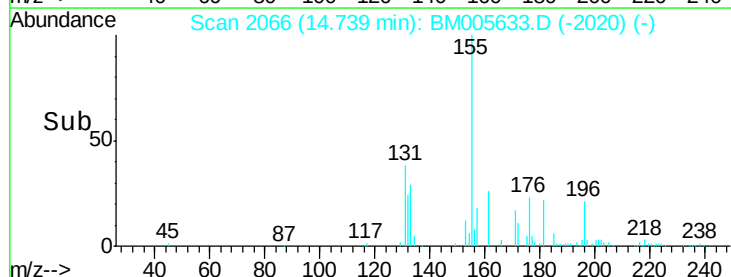
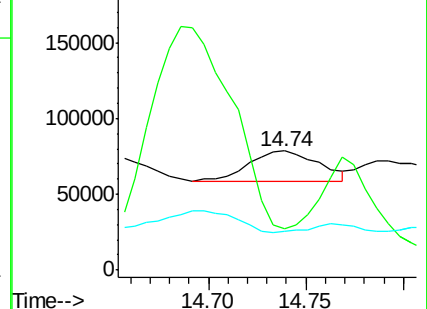
65 32.5 90.2 135.2#

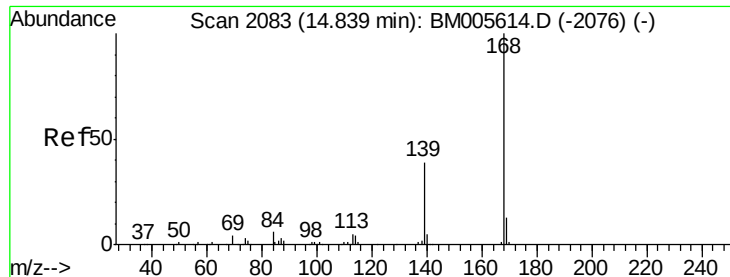


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 6.54 ng/ul

RT: 14.87 min Scan# 2089

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

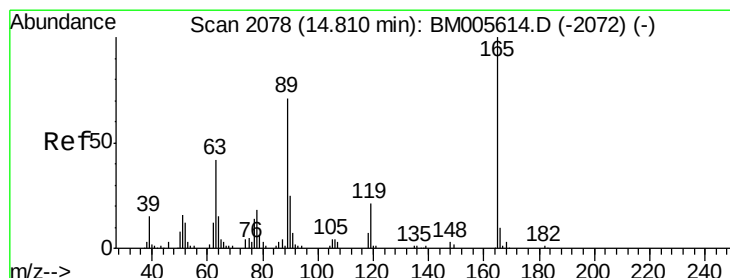
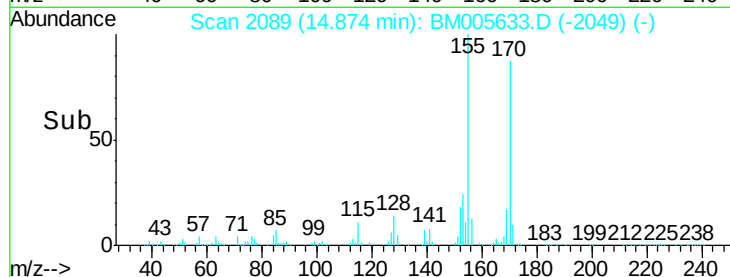
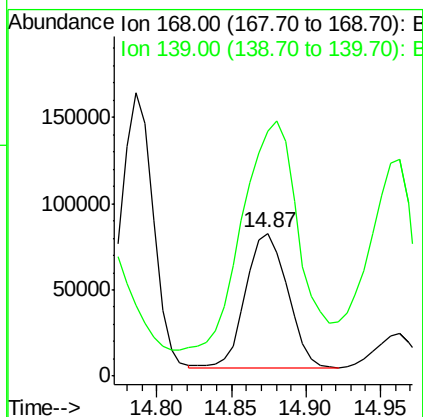
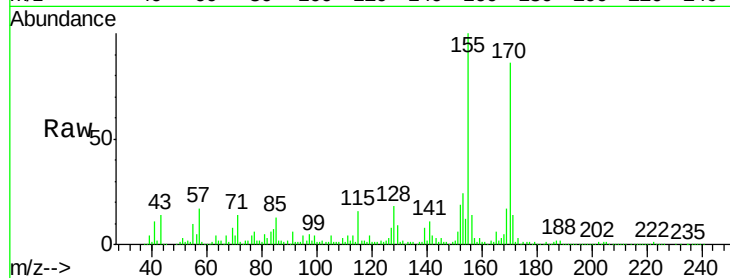
JHGG9RE

Tgt Ion:168 Resp: 153420

Ion Ratio Lower Upper

168 100

139 171.0 30.6 46.0#



#54

2,4-Dinitrotoluene

Concen: 37.36 ng/ul

RT: 14.89 min Scan# 2091

Delta R.T. 0.08 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

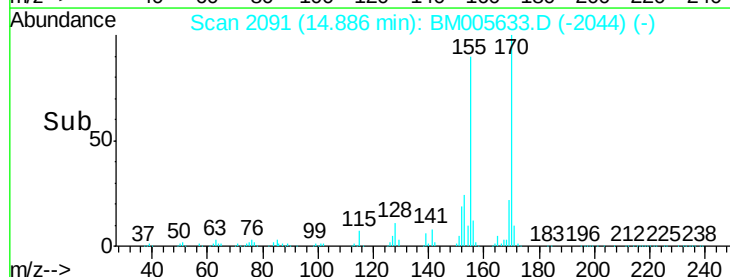
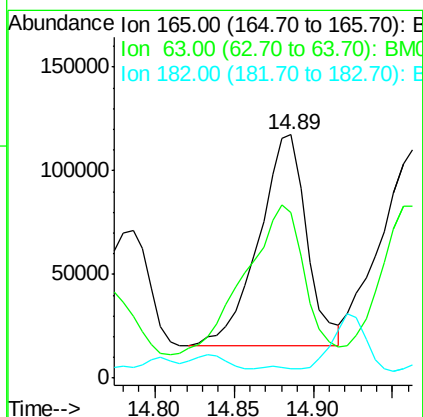
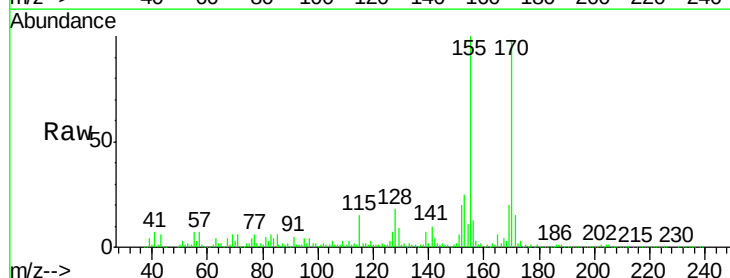
Tgt Ion:165 Resp: 213773

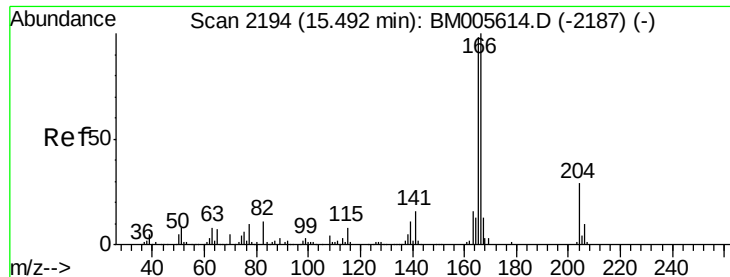
Ion Ratio Lower Upper

165 100

63 68.1 33.9 50.9#

182 3.7 2.3 3.5#





#58

Fluorene

Concen: 31.13 ng/ul

RT: 15.52 min Scan# 2199

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

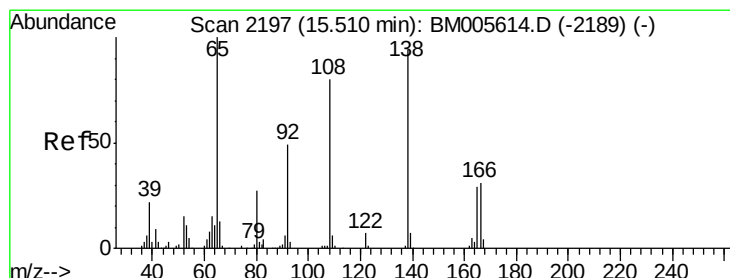
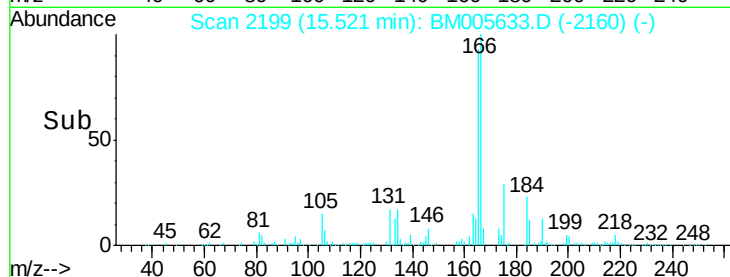
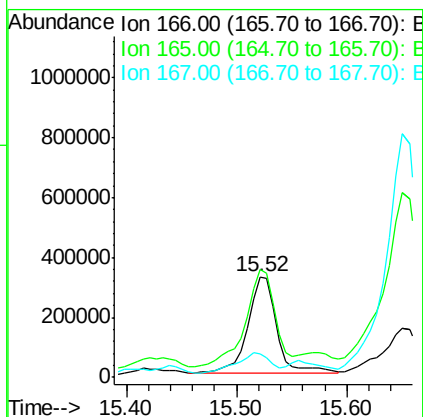
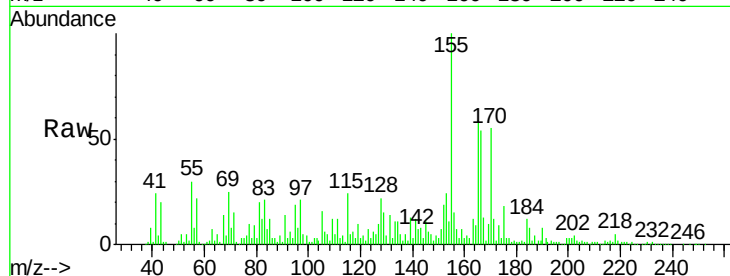
Tgt Ion:166 Resp: 584735

Ion Ratio Lower Upper

166 100

165 107.7 78.0 117.0

167 23.6 10.5 15.7#



#60

4-Nitroaniline

Concen: 1.13 ng/ul

RT: 15.52 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

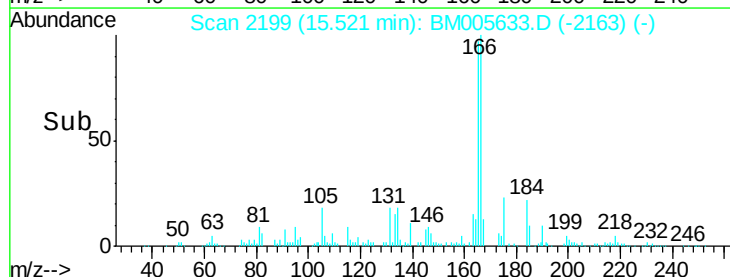
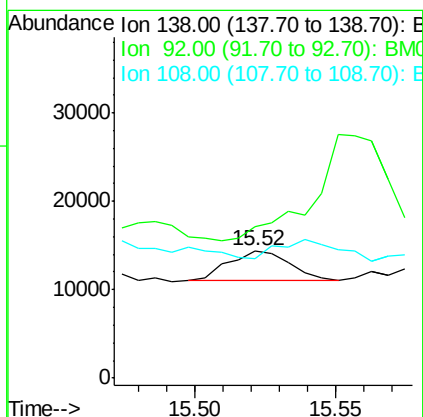
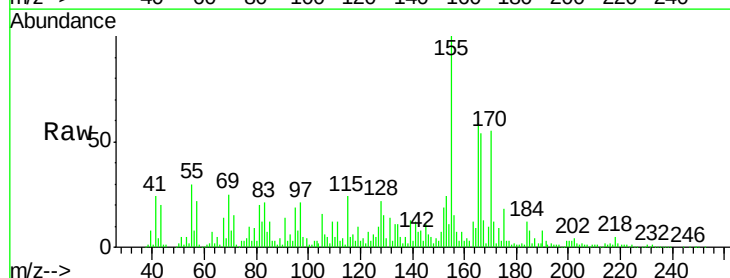
Tgt Ion:138 Resp: 4987

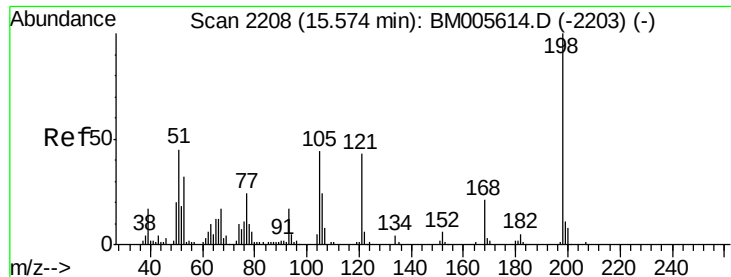
Ion Ratio Lower Upper

138 100

92 118.5 41.4 62.0#

108 93.8 79.4 119.0

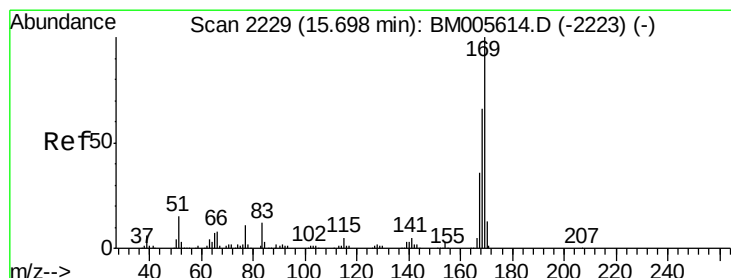
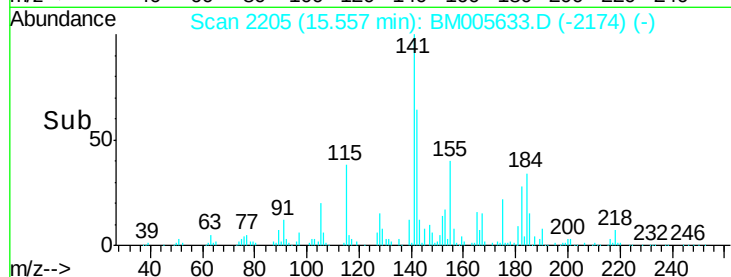
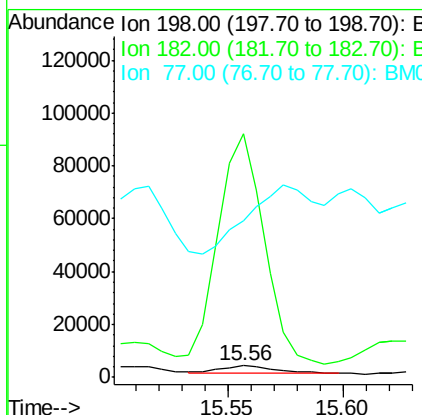
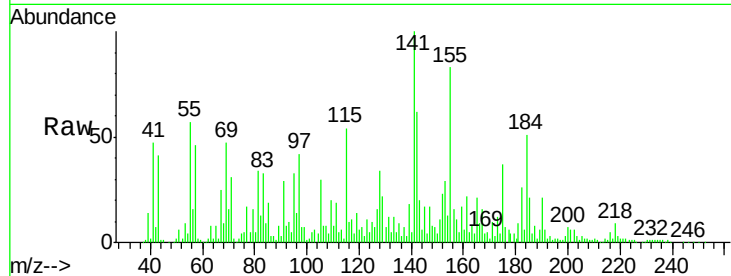




#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.92 ng/ul
 RT: 15.56 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

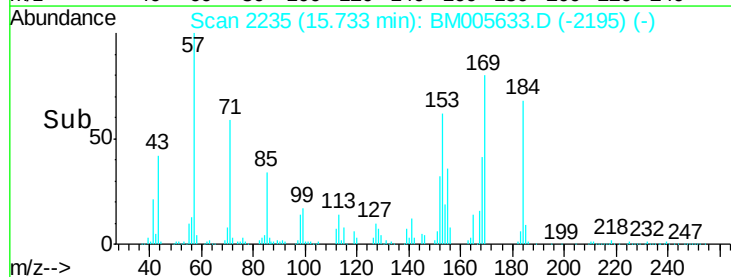
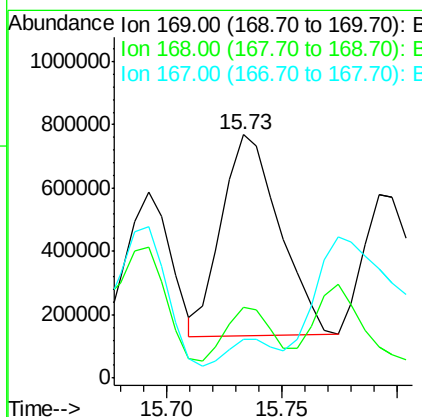
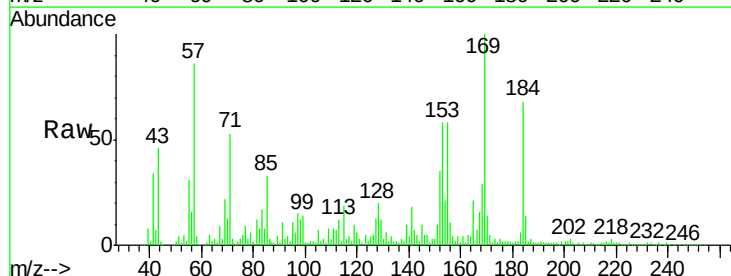
Instrument :
 BNA_M
 ClientSampleId :
 JHGG9RE

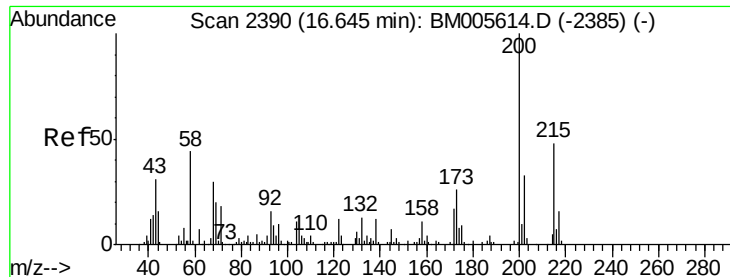
Tgt Ion:198 Resp: 5340
 Ion Ratio Lower Upper
 198 100
 182 2114.3 2.5 3.7#
 77 1362.2 21.8 32.8#



#64
 N-Nitrosodiphenylamine
 Concen: 79.22 ng/ul
 RT: 15.73 min Scan# 2235
 Delta R.T. 0.04 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

Tgt Ion:169 Resp: 1105809
 Ion Ratio Lower Upper
 169 100
 168 29.2 53.2 79.8#
 167 15.9 28.9 43.3#





#67

Atrazine

Concen: 1.32 ng/ul

RT: 16.67 min Scan# 2395

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

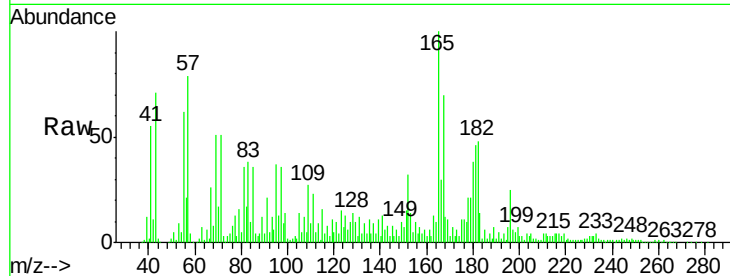
Tgt Ion:200 Resp: 6896

Ion Ratio Lower Upper

200 100

173 190.8 20.4 30.6#

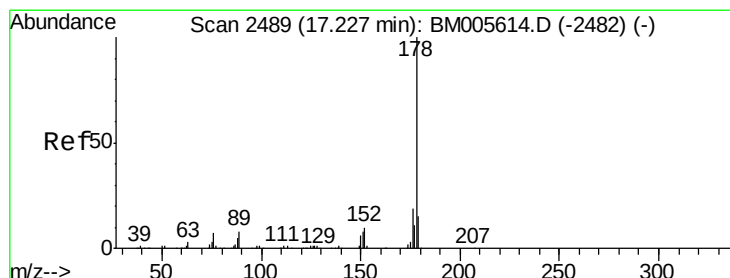
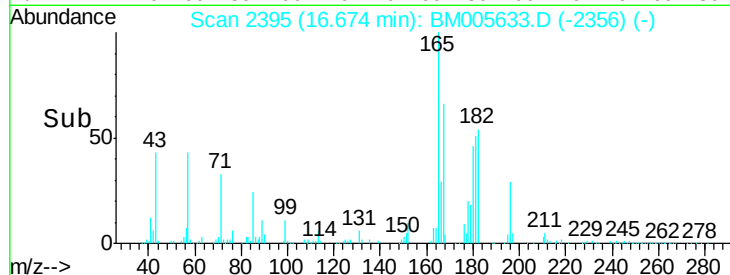
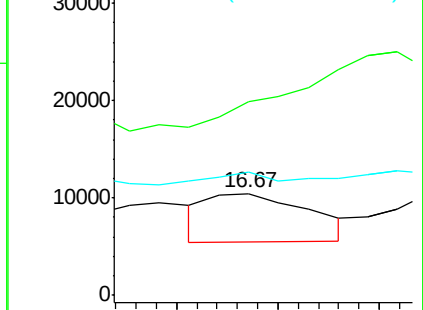
215 121.3 38.3 57.5#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Phenanthrene

Concen: 56.95 ng/ul

RT: 17.26 min Scan# 2494

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

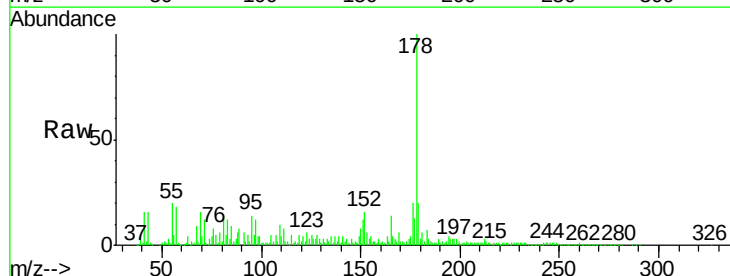
Tgt Ion:178 Resp: 1464325

Ion Ratio Lower Upper

178 100

179 20.2 12.2 18.2#

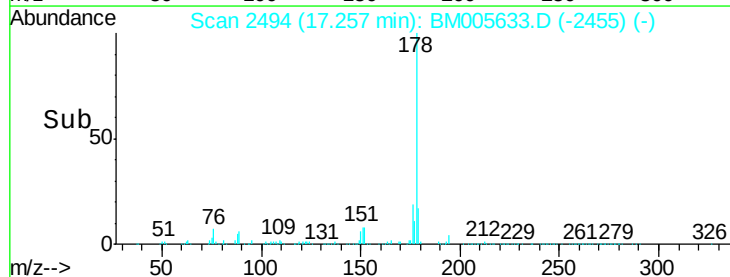
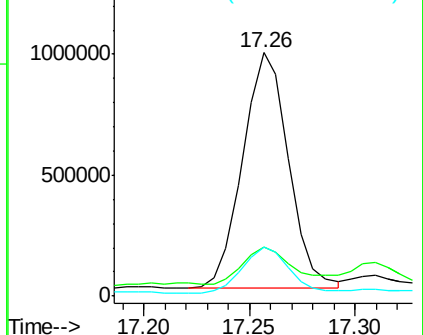
176 20.2 15.8 23.6

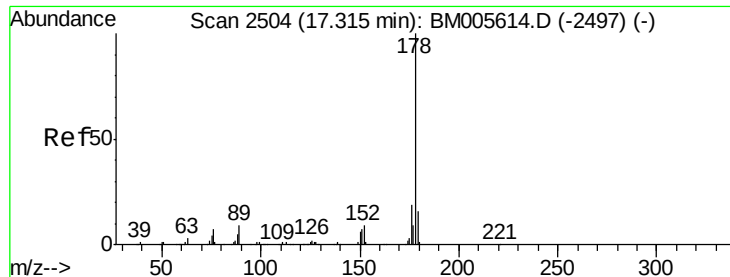


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

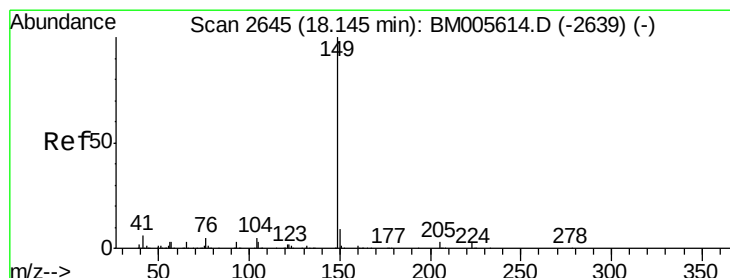
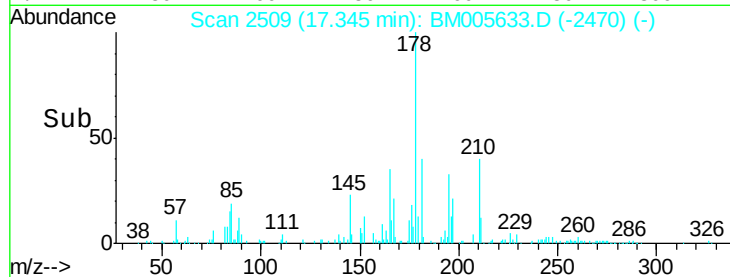
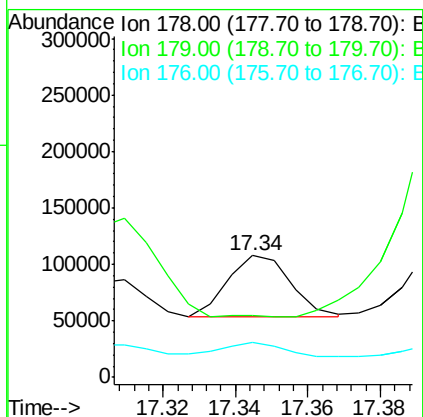
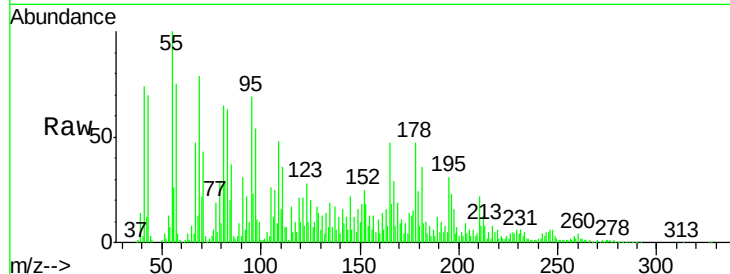




#71
 Anthracene
 Concen: 2.49 ng/ul
 RT: 17.34 min Scan# 2509
 Delta R.T. 0.03 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

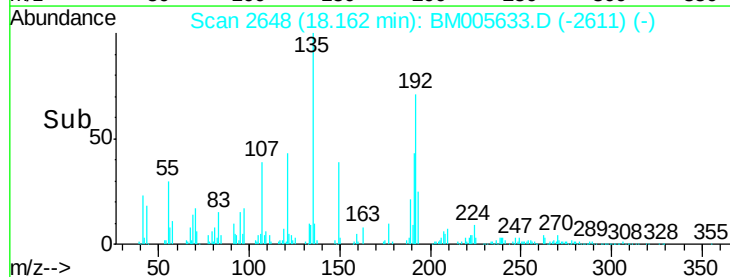
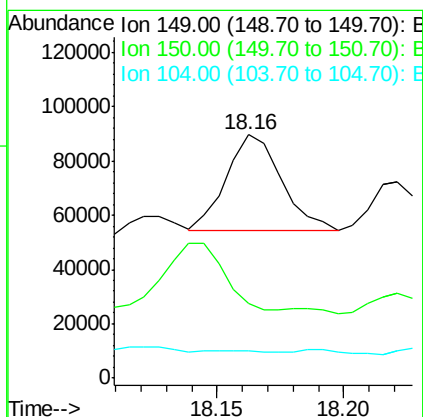
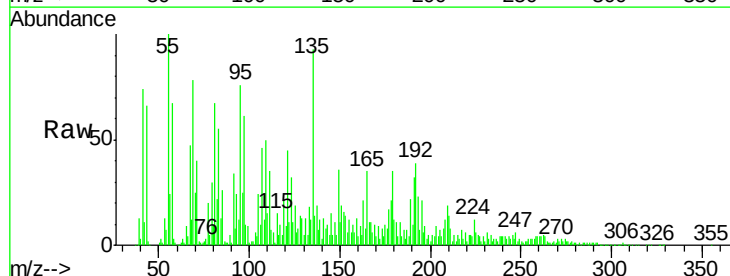
Instrument :
 BNA_M
 ClientSampleId :
 JHGG9RE

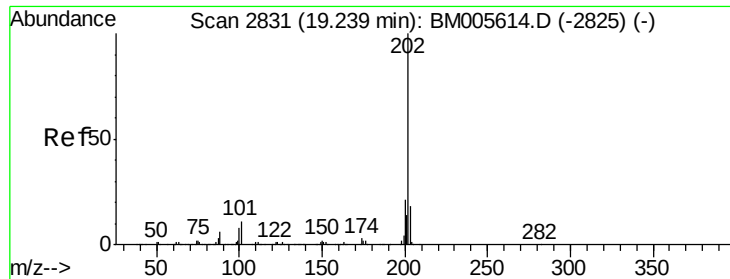
Tgt Ion:178 Resp: 65249
 Ion Ratio Lower Upper
 178 100
 179 50.6 12.6 18.8#
 176 28.4 15.0 22.4#



#73
 Di-n-butylphthalate
 Concen: 1.95 ng/ul
 RT: 18.16 min Scan# 2648
 Delta R.T. 0.02 min
 Lab File: BM005633.D
 Acq: 24 May 2016 06:07

Tgt Ion:149 Resp: 53700
 Ion Ratio Lower Upper
 149 100
 150 30.4 7.4 11.0#
 104 11.5 4.4 6.6#

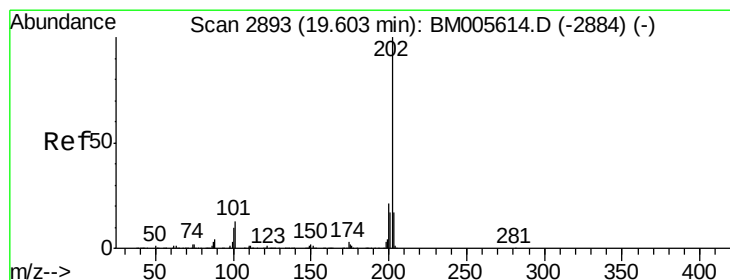
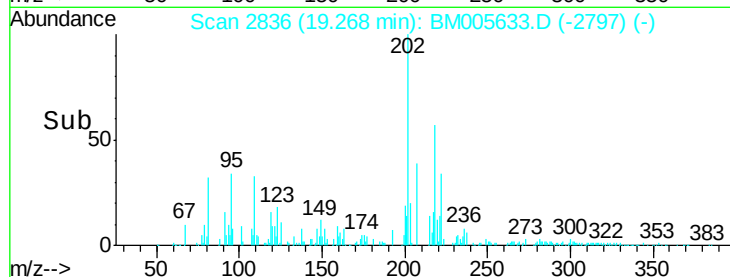
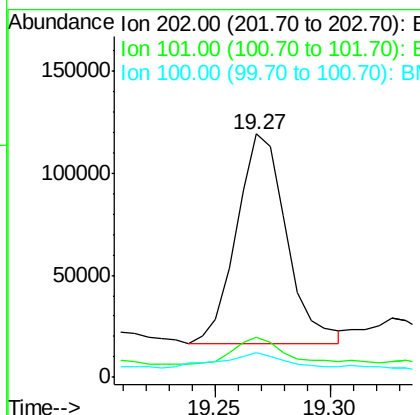
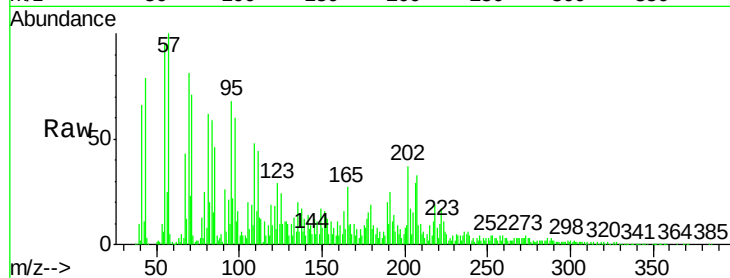




#74
Fluoranthene
Concen: 5.35 ng/ul
RT: 19.27 min Scan# 2836
Delta R.T. 0.03 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

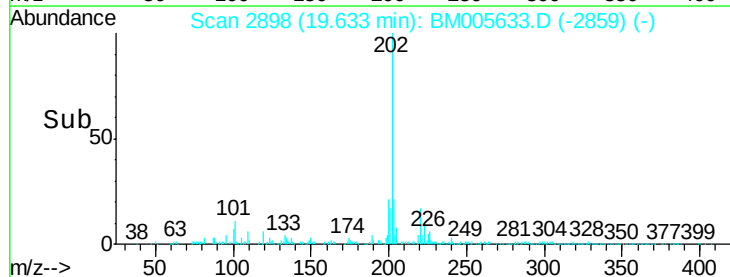
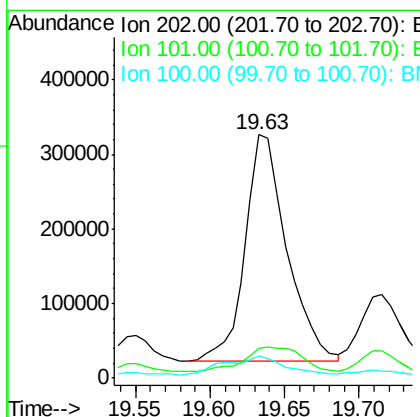
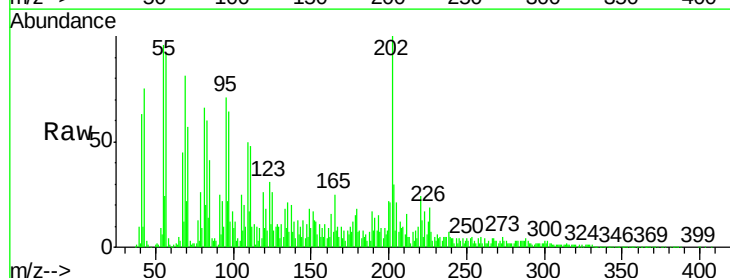
Instrument :
BNA_M
ClientSampleId :
JHGG9RE

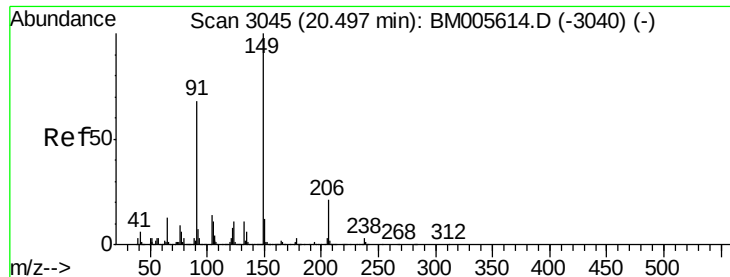
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	7.9	11.9#
100	10.0	5.6	8.4#



#77
Pyrene
Concen: 31.42 ng/ul
RT: 19.63 min Scan# 2898
Delta R.T. 0.03 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
100	8.9	7.8	11.6





#78

Butylbenzylphthalate

Concen: 1.26 ng/ul

RT: 20.53 min Scan# 3051

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

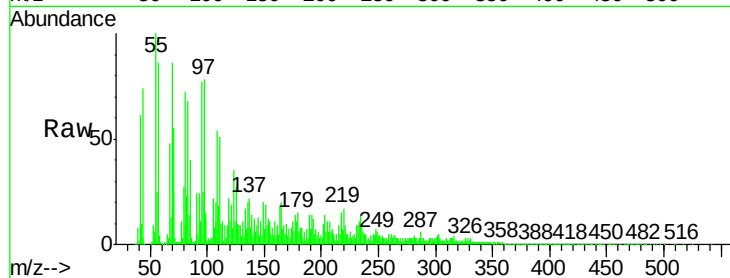
Tgt Ion:149 Resp: 9930

Ion Ratio Lower Upper

149 100

91 118.3 56.5 84.7#

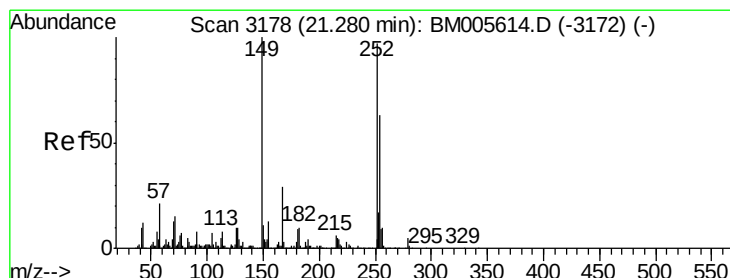
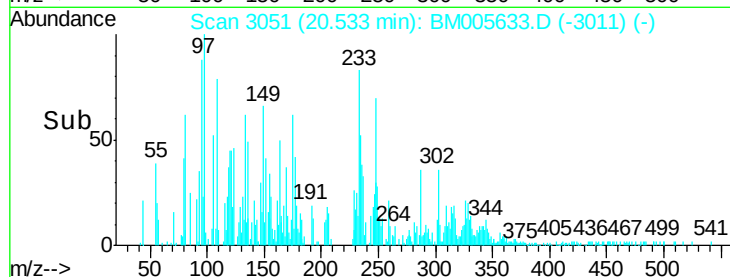
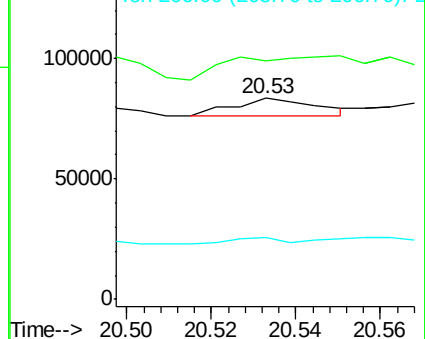
206 30.8 18.3 27.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM005633.D (-3011) (-)

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 1.01 ng/ul

RT: 21.33 min Scan# 3186

Delta R.T. 0.05 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

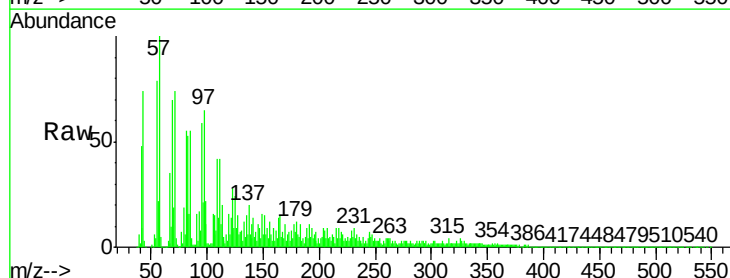
Tgt Ion:252 Resp: 5950

Ion Ratio Lower Upper

252 100

254 54.7 51.7 77.5

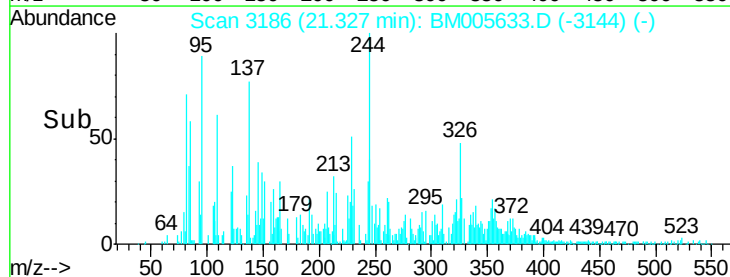
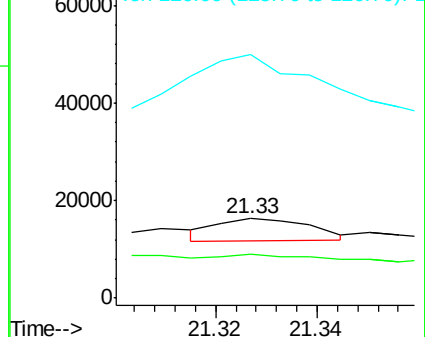
126 306.3 7.9 11.9#

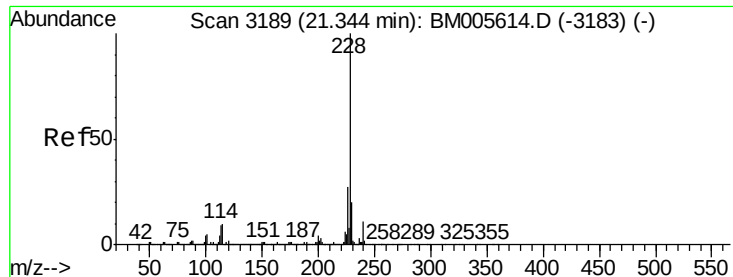


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 6.47 ng/ul

RT: 21.39 min Scan# 3196

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

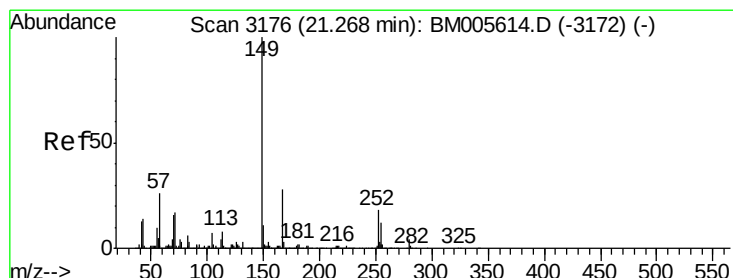
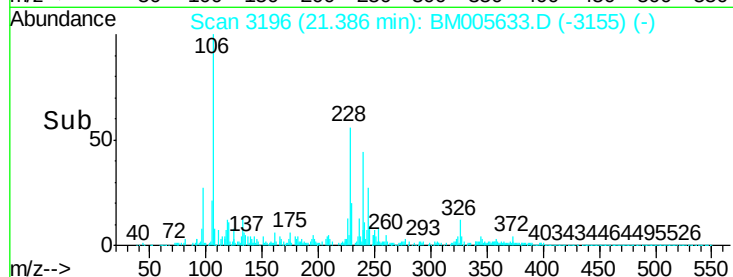
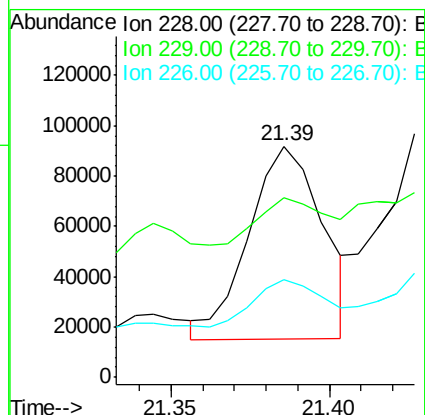
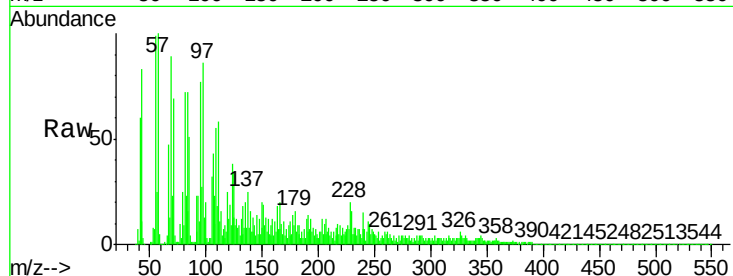
Tgt Ion:228 Resp: 123961

Ion Ratio Lower Upper

228 100

229 77.8 15.4 23.2#

226 42.2 21.0 31.4#



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.94 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

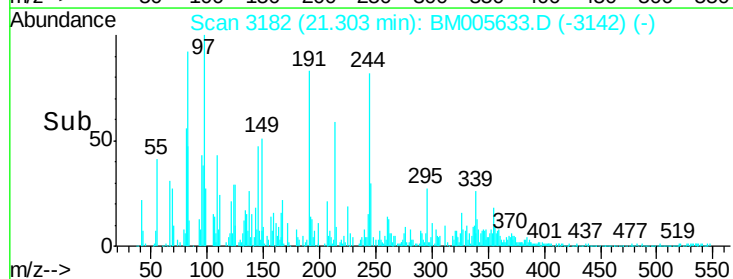
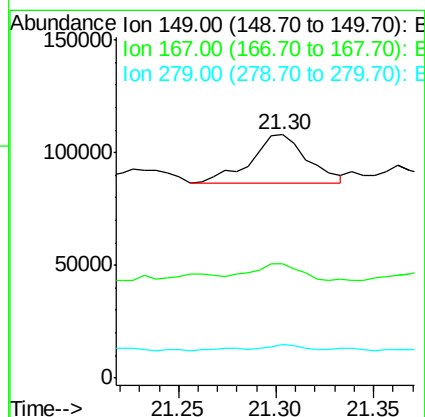
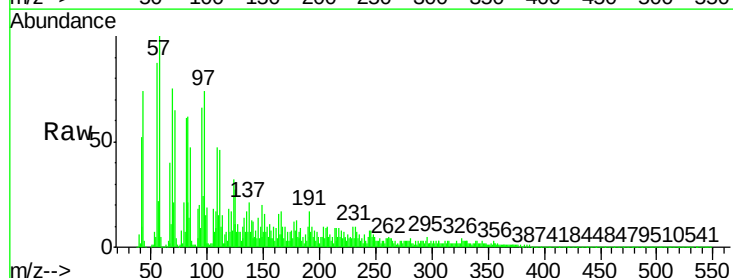
Tgt Ion:149 Resp: 43926

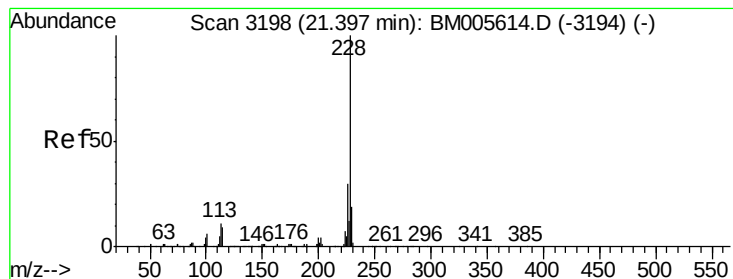
Ion Ratio Lower Upper

149 100

167 47.0 22.0 33.0#

279 13.7 3.8 5.8#





#82

Chrysene

Concen: 13.09 ng/ul

RT: 21.44 min Scan# 3205

Delta R.T. 0.04 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

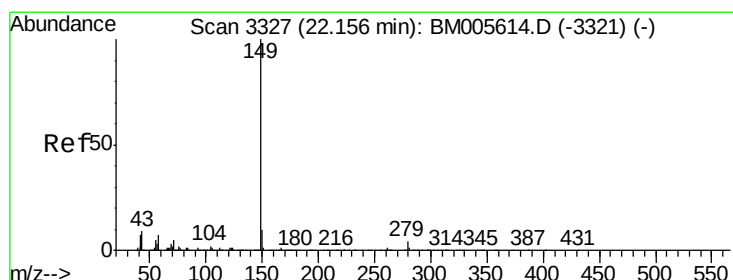
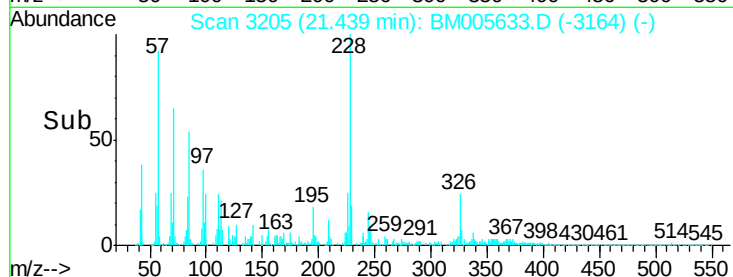
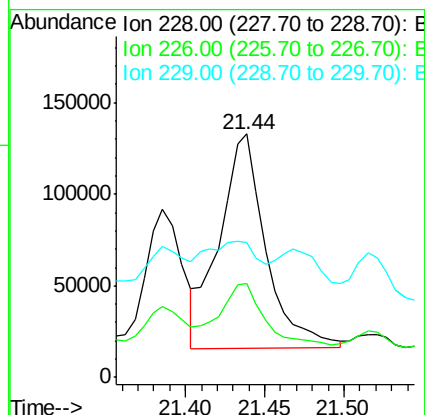
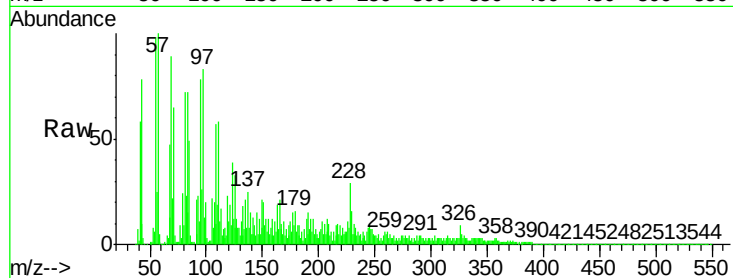
Tgt Ion:228 Resp: 238560

Ion Ratio Lower Upper

228 100

226 38.6 23.7 35.5#

229 55.6 15.5 23.3#



#84

Di-n-octyl phthalate

Concen: 2.69 ng/ul

RT: 22.29 min Scan# 3349

Delta R.T. 0.13 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

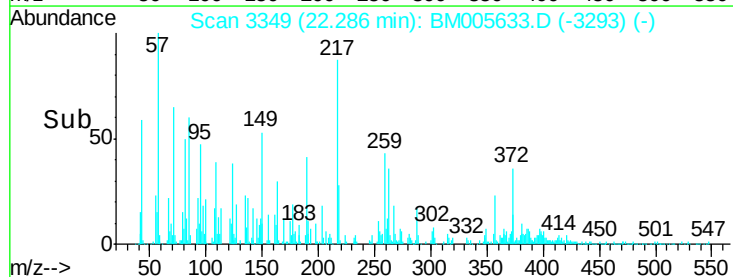
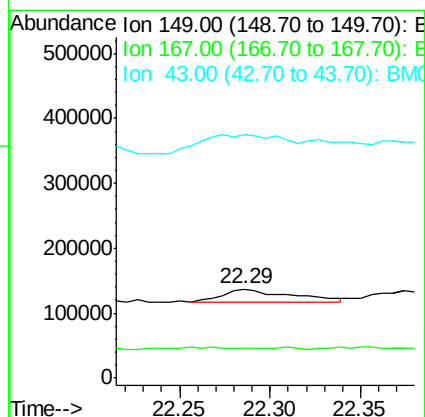
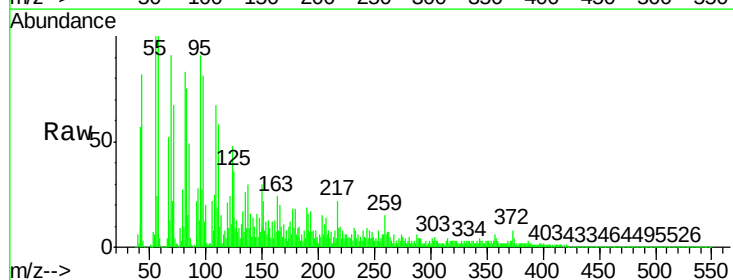
Tgt Ion:149 Resp: 49163

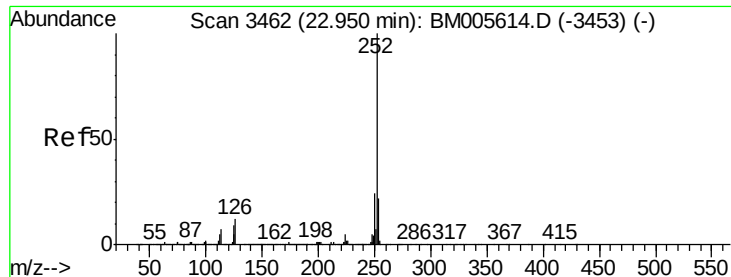
Ion Ratio Lower Upper

149 100

167 33.5 1.3 1.9#

43 274.3 7.4 11.0#





#85

Benzo(b)fluoranthene

Concen: 3.72 ng/ul

RT: 23.04 min Scan# 3478

Delta R.T. 0.09 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

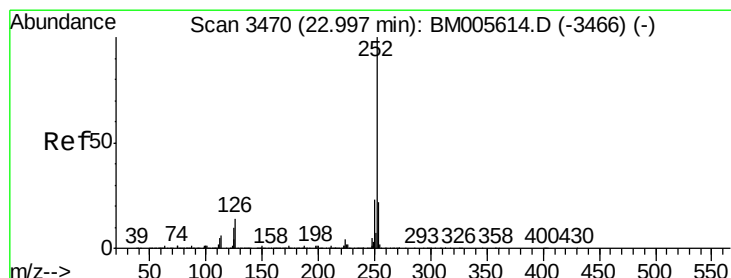
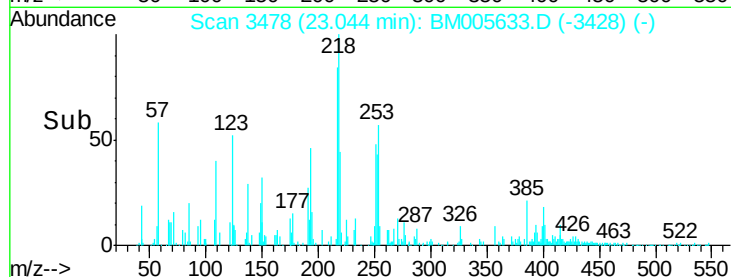
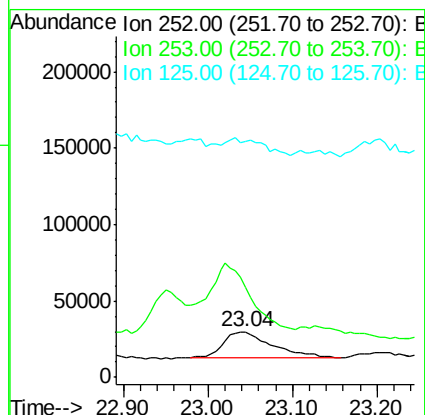
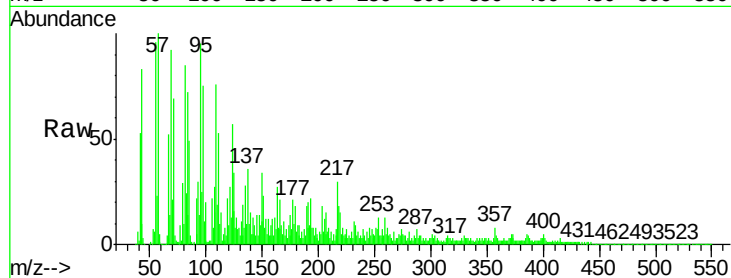
Tgt Ion:252 Resp: 70059

Ion Ratio Lower Upper

252 100

253 195.5 17.3 25.9#

125 514.2 7.0 10.4#



#86

Benzo(k)fluoranthene

Concen: 3.99 ng/ul

RT: 23.04 min Scan# 3478

Delta R.T. 0.05 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

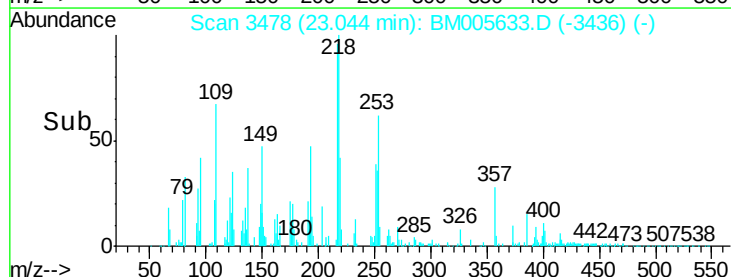
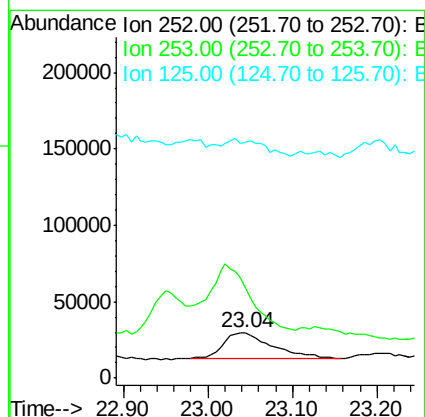
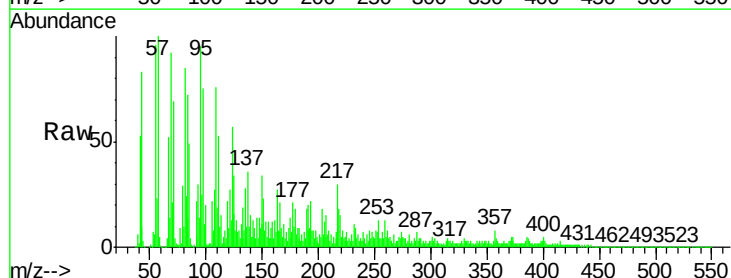
Tgt Ion:252 Resp: 71129

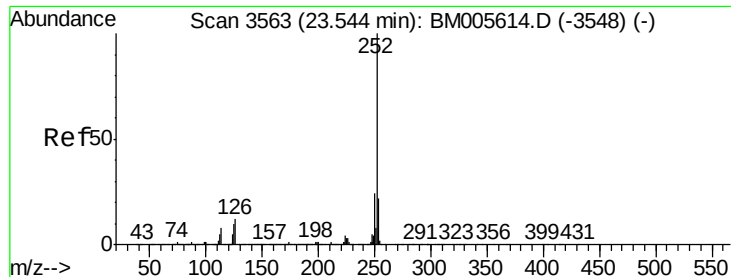
Ion Ratio Lower Upper

252 100

253 195.5 17.5 26.3#

125 514.2 7.0 10.6#





#88

Benzo(a)pyrene

Concen: 2.86 ng/ul

RT: 23.65 min Scan# 3581

Delta R.T. 0.11 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

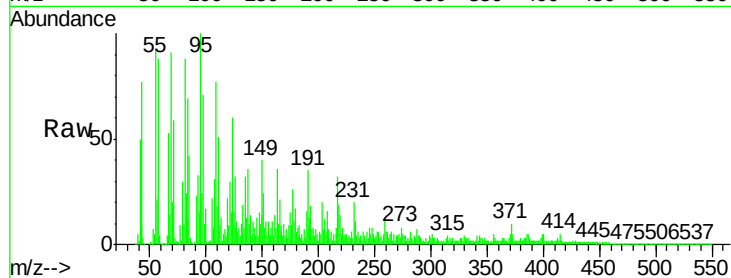
Tgt Ion:252 Resp: 52218

Ion Ratio Lower Upper

252 100

253 98.7 17.6 26.4#

125 490.7 7.6 11.4#



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

