

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005598.D
 Acq On : 22 May 2016 22:04
 Operator : UM/SJ
 Sample : H3087-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK9

Quant Time: May 23 05:35:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	152699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	589396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	357304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	531825	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	475531	20.00	ng/ul	0.03
83) Perylene-d12	23.70	264	444353	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12439	3.57	ng/uL	0.00
5) Phenol-d5	6.98	99	295538	23.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	242194	33.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	232216	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	233588	22.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	113963	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	117987	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	251129	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	180152	19.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	651192	22.33	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	900764	24.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	115652	20.96	ng/ul	0.00
57) Fluorene-d10	15.44	176	619409	24.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	36567	11.95	ng/ul	0.00
70) Anthracene-d10	17.29	188	644742	25.45	ng/ul	0.00
76) Pyrene-d10	19.60	212	607915	28.23	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.55	264	509644	24.56	ng/ul	0.05

Target Compounds

						Qvalue
6) Phenol	7.01	94	13214	1.02	ng/ul#	71
14) Acetophenone	8.63	105	31347	2.03	ng/ul#	63
20) Nitrobenzene	8.99	77	46698	4.28	ng/ul#	1
21) Isophorone	9.53	82	80106	3.92	ng/ul#	1
23) 2-Nitrophenol	9.73	139	19954	3.74	ng/ul#	1
24) 2,4-Dimethylphenol	9.82	107	67118	6.09	ng/ul#	71
28) Naphthalene	10.66	128	178959	6.04	ng/ul	98
32) Caprolactam	11.54	113	6694	2.18	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.89	107	15400	1.53	ng/ul#	21
34) 2-Methylnaphthalene	12.27	142	49539	2.29	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	33832	1.13	ng/ul#	75
44) Dimethylphthalate	13.90	163	316159	10.97	ng/ul#	94
45) 2,6-Dinitrotoluene	14.07	165	9429	1.62	ng/ul#	8
47) Acenaphthylene	14.17	152	655357	17.69	ng/ul	95
48) 3-Nitroaniline	14.36	138	7781	1.44	ng/ul#	21
49) Acenaphthene	14.52	153	70486	2.89	ng/ul#	93
53) Dibenzofuran	14.84	168	72315	2.07	ng/ul#	74
58) Fluorene	15.50	166	229881	8.23	ng/ul#	94
64) N-Nitrosodiphenylamine	15.71	169	105744	6.55	ng/ul#	46
69) Phenanthrene	17.24	178	2074362	69.79	ng/ul	98
71) Anthracene	17.33	178	603013	19.91	ng/ul	96
72) Carbazole	17.60	167	91657	3.49	ng/ul#	50
73) Di-n-butylphthalate	18.18	149	43953	1.38	ng/ul#	30

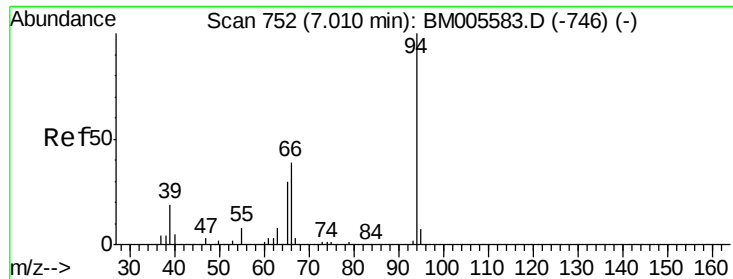
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005598.D
 Acq On : 22 May 2016 22:04
 Operator : UM/SJ
 Sample : H3087-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK9

Quant Time: May 23 05:35:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	19.27	202	5012840	149.83	ng/ul	96
77) Pyrene	19.64	202	5708575	208.82	ng/ul	96
80) Benzo(a)anthracene	21.38	228	2231954	79.85	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.29	149	27313	1.68	ng/ul#	40
82) Chrysene	21.43	228	2213434	83.23	ng/ul	95
85) Benzo(b)fluoranthene	23.01	252	2352543	89.76	ng/ul#	77
86) Benzo(k)fluoranthene	23.01	252	2352543	94.82	ng/ul#	78
88) Benzo(a)pyrene	23.61	252	2217760	87.23	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.04	276	1299309	43.03	ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	291393	11.59	ng/ul#	77
91) Benzo(g,h,i)perylene	26.76	276	1230690	48.48	ng/ul	95

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



#6

Phenol

Concen: 1.02 ng/ul

RT: 7.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

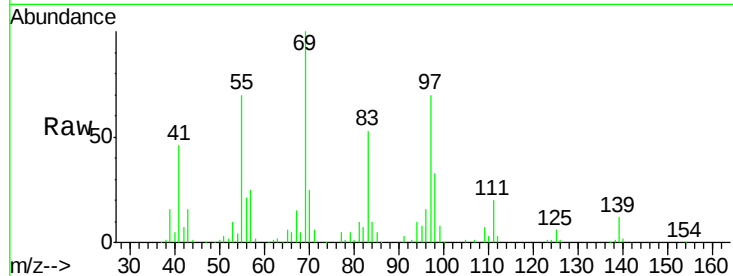
Tgt Ion: 94 Resp: 13214

Ion Ratio Lower Upper

94 100

65 57.0 24.2 36.2#

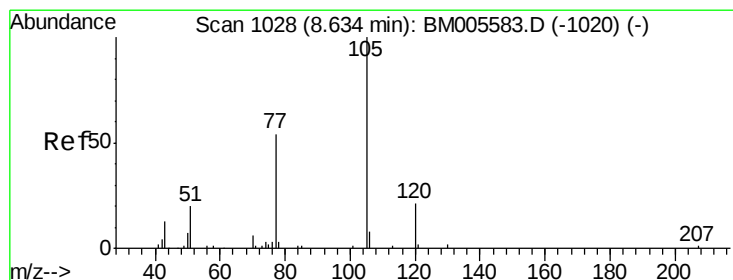
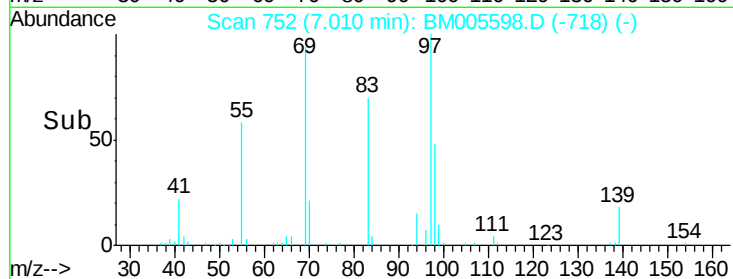
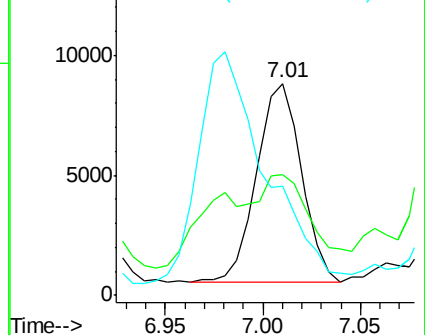
66 51.6 33.9 50.9#



Abundance Ion 94.00 (93.70 to 94.70): BM005583.D (-746) (-)

Ion 65.00 (64.70 to 65.70): BM005583.D (-746) (-)

Ion 66.00 (65.70 to 66.70): BM005583.D (-746) (-)



#14

Acetophenone

Concen: 2.03 ng/ul

RT: 8.63 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

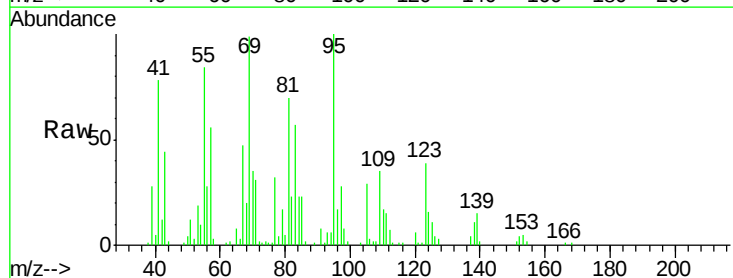
Tgt Ion: 105 Resp: 31347

Ion Ratio Lower Upper

105 100

77 110.8 60.8 91.2#

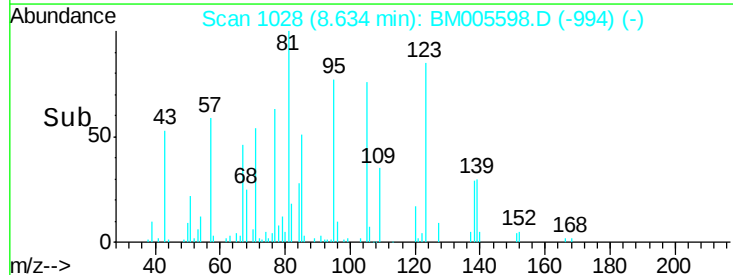
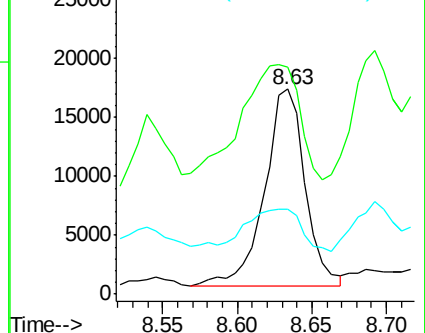
51 41.7 22.2 33.2#

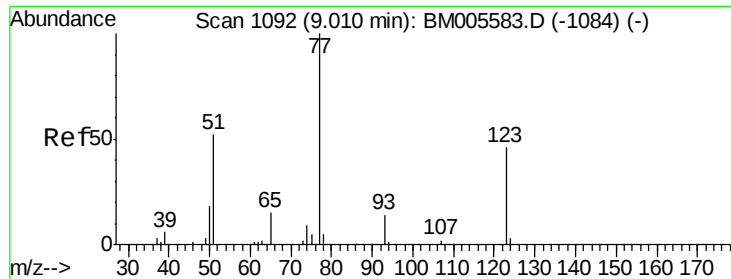


Abundance Ion 105.00 (104.70 to 105.70): BM005583.D (-1020) (-)

Ion 77.00 (76.70 to 77.70): BM005583.D (-1020) (-)

Ion 51.00 (50.70 to 51.70): BM005583.D (-1020) (-)

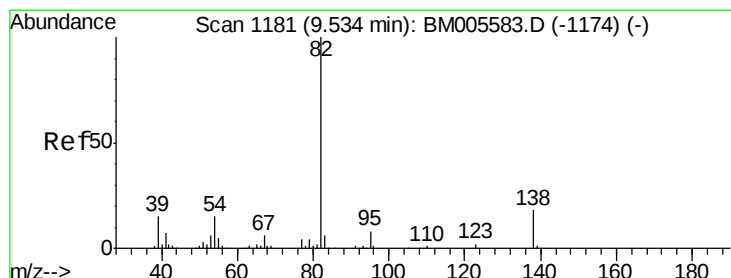
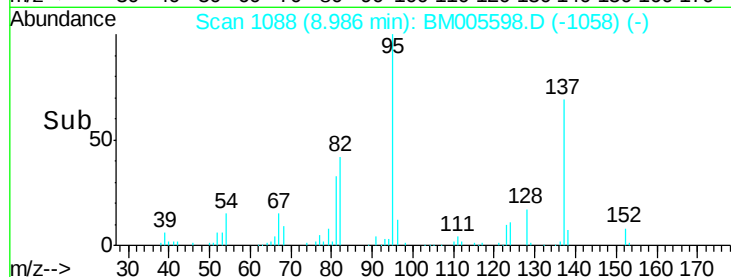
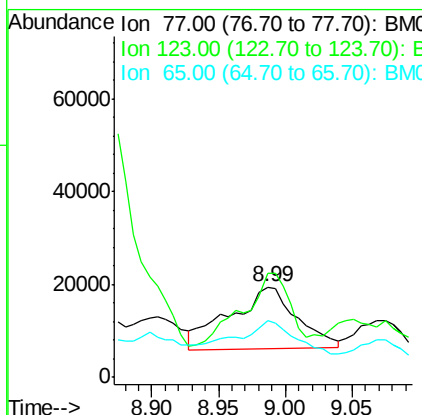
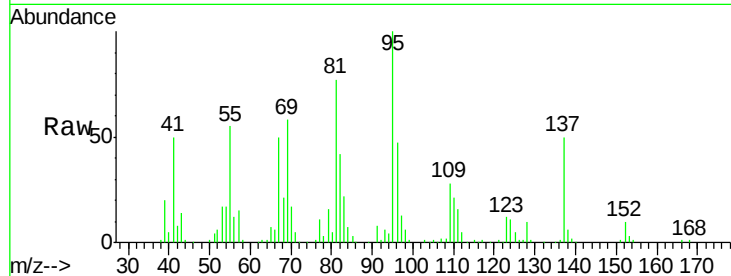




#20
Nitrobenzene
Concen: 4.28 ng/ul
RT: 8.99 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

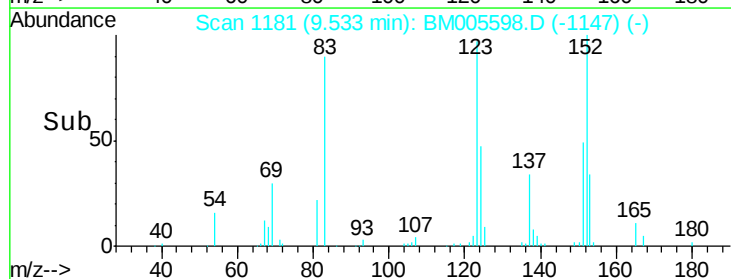
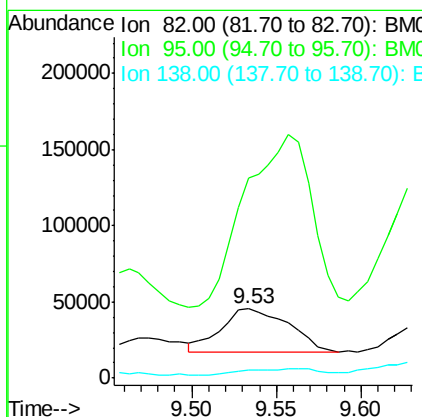
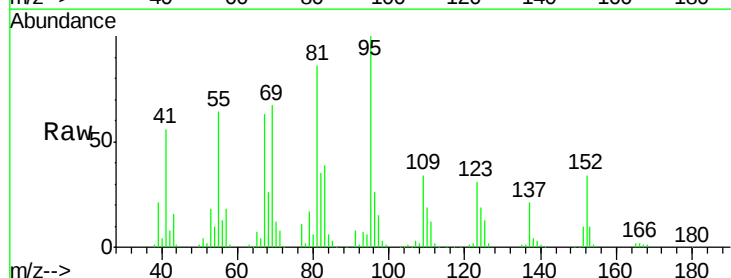
Instrument :
BNA_M
ClientSampleId :
JHGK9

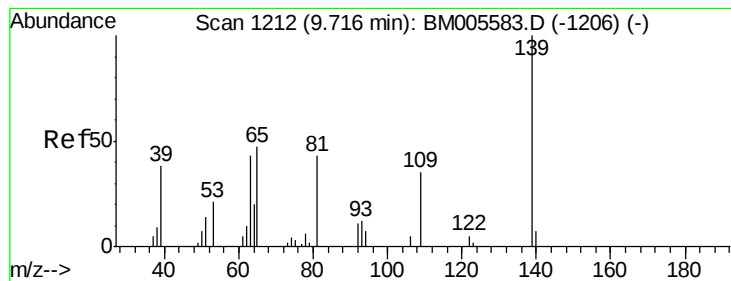
Tgt Ion: 77 Resp: 46698
Ion Ratio Lower Upper
77 100
123 115.1 35.3 52.9#
65 62.9 11.2 16.8#



#21
Isophorone
Concen: 3.92 ng/ul
RT: 9.53 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

Tgt Ion: 82 Resp: 80106
Ion Ratio Lower Upper
82 100
95 289.6 6.4 9.6#
138 11.2 13.8 20.6#





#23

2-Nitrophenol

Concen: 3.74 ng/ul

RT: 9.73 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

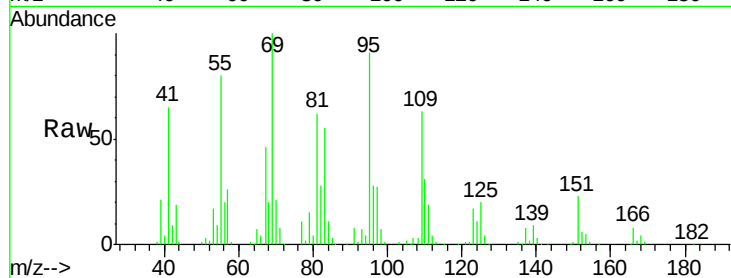
Tgt Ion:139 Resp: 19954

Ion Ratio Lower Upper

139 100

65 78.1 45.2 67.8#

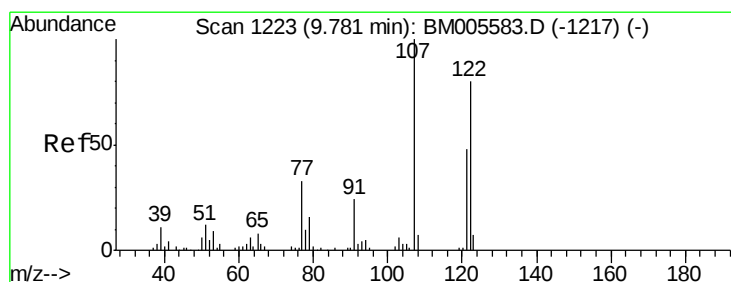
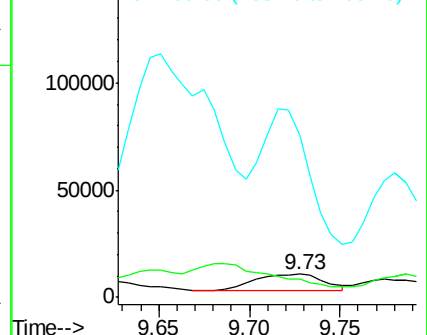
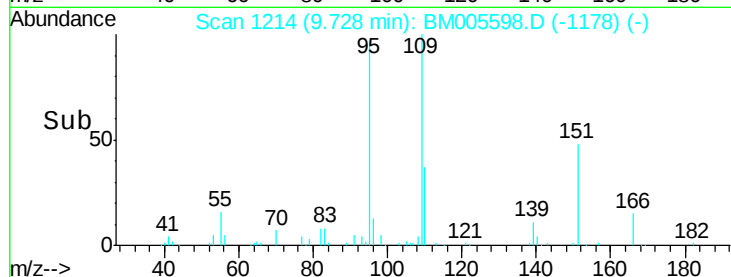
109 698.8 30.8 46.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#24

2,4-Dimethylphenol

Concen: 6.09 ng/ul

RT: 9.82 min Scan# 1229

Delta R.T. 0.04 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

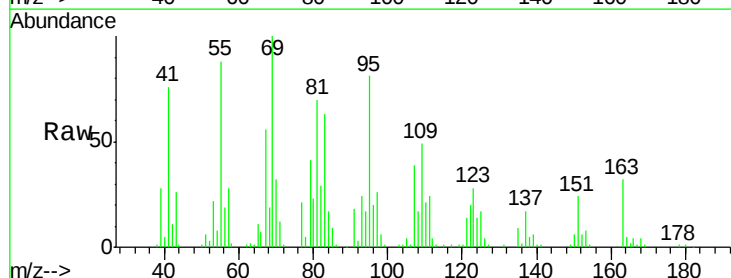
Tgt Ion:107 Resp: 67118

Ion Ratio Lower Upper

107 100

121 35.8 37.5 56.3#

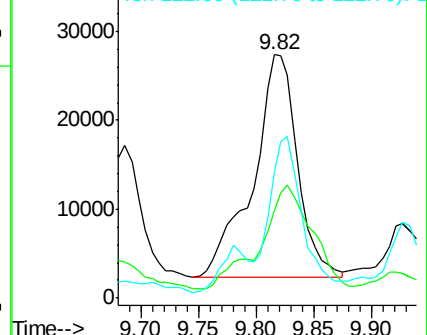
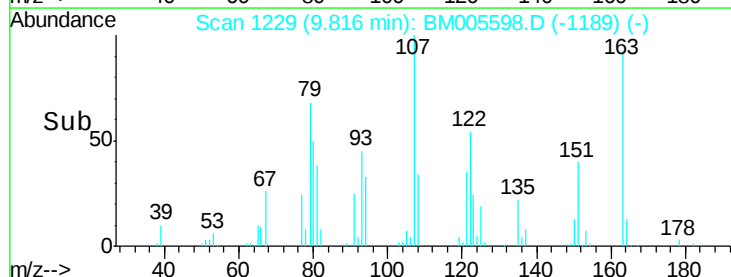
122 51.5 66.9 100.3#

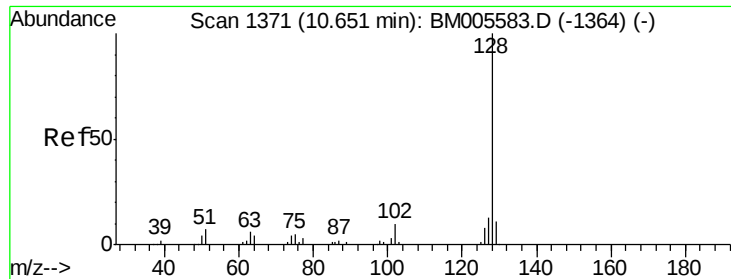


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

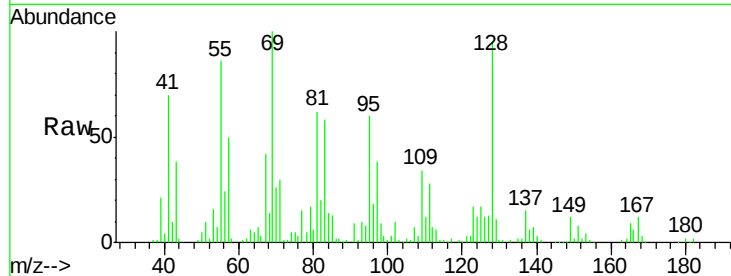




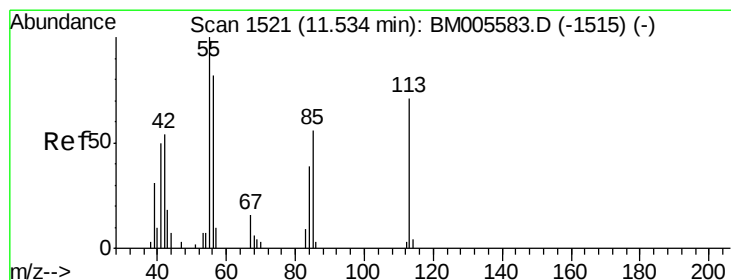
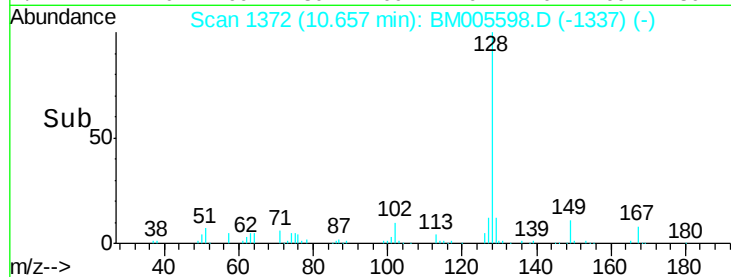
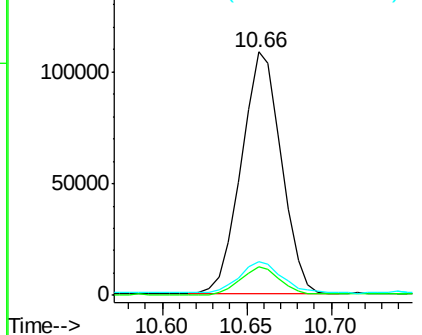
#28
Naphthalene
Concen: 6.04 ng/ul
RT: 10.66 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

Instrument :
BNA_M
ClientSampleId :
JHGK9

Tgt Ion:128 Resp: 178959
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 14.0 10.6 15.8

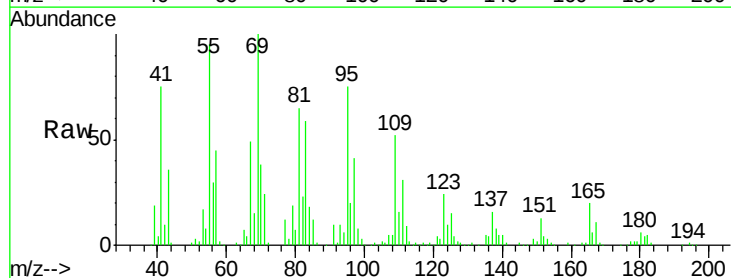


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

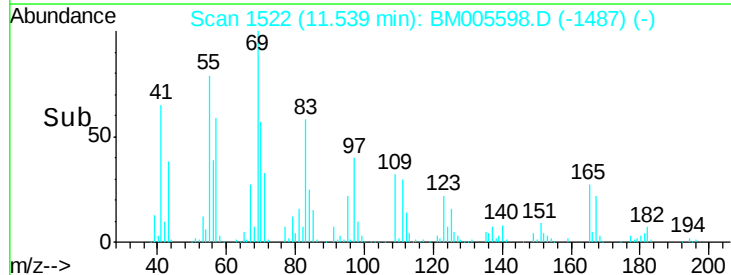
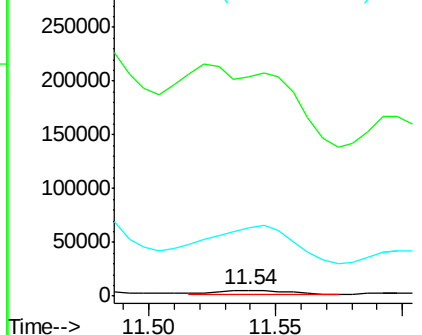


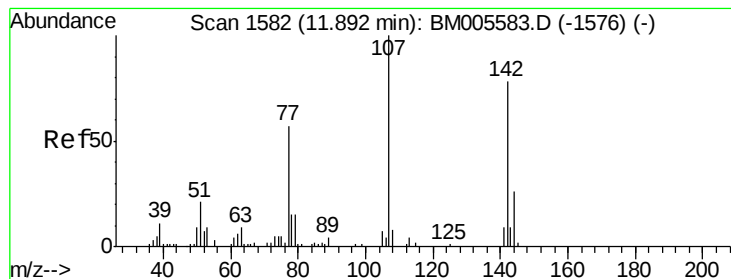
#32
Caprolactam
Concen: 2.18 ng/ul
RT: 11.54 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

Tgt Ion:113 Resp: 6694
Ion Ratio Lower Upper
113 100
55 3908.9 124.6 187.0#
56 1219.4 95.2 142.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0





#33

4-Chloro-3-methylphenol

Concen: 1.53 ng/ul

RT: 11.89 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

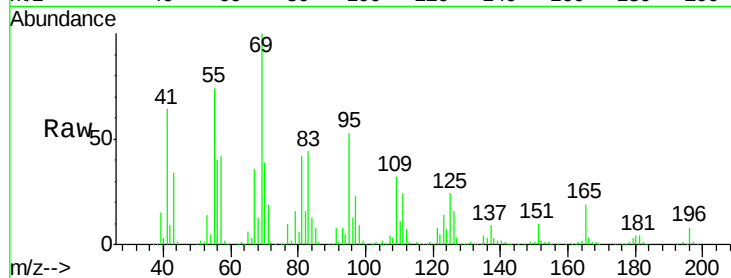
Tgt Ion:107 Resp: 15400

Ion Ratio Lower Upper

107 100

144 0.0 20.6 31.0#

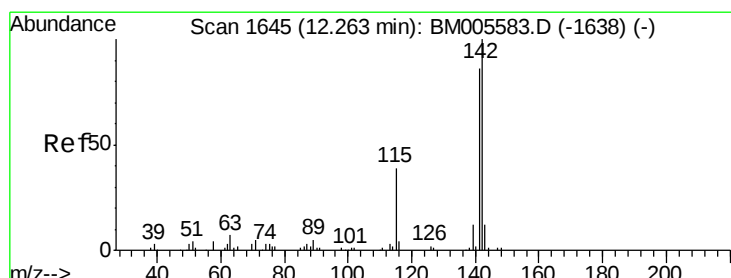
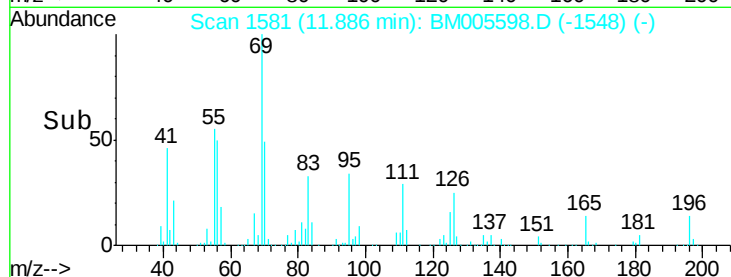
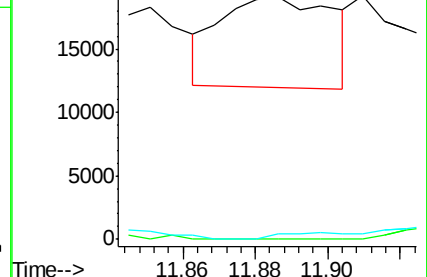
142 2.2 63.5 95.3#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#34

2-Methylnaphthalene

Concen: 2.29 ng/ul

RT: 12.27 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BM005598.D

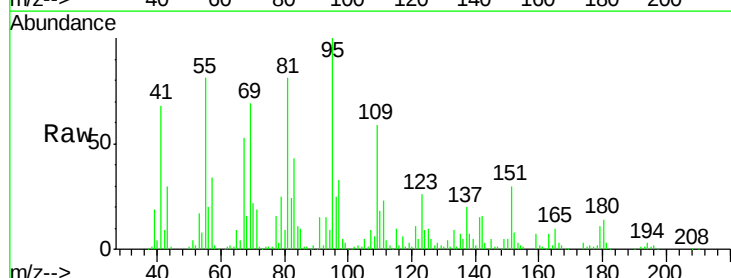
Acq: 22 May 2016 22:04

Tgt Ion:142 Resp: 49539

Ion Ratio Lower Upper

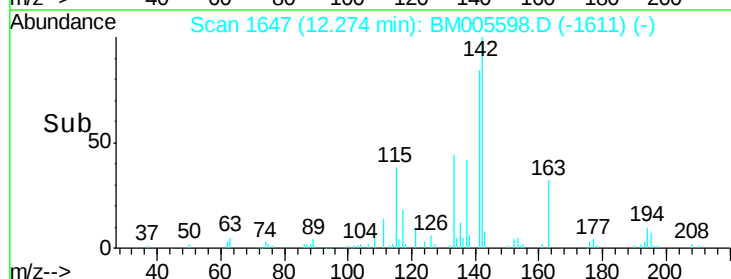
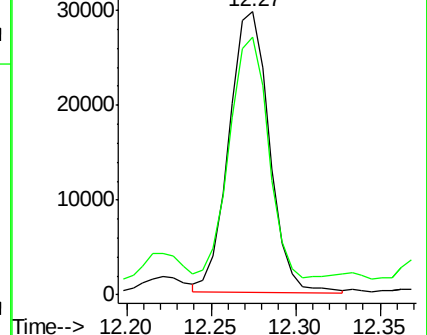
142 100

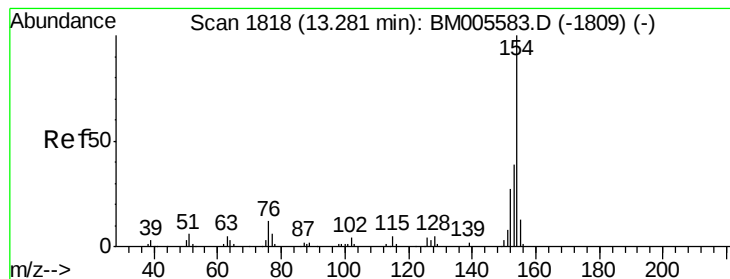
141 91.0 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 1.13 ng/ul

RT: 13.29 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHKG9

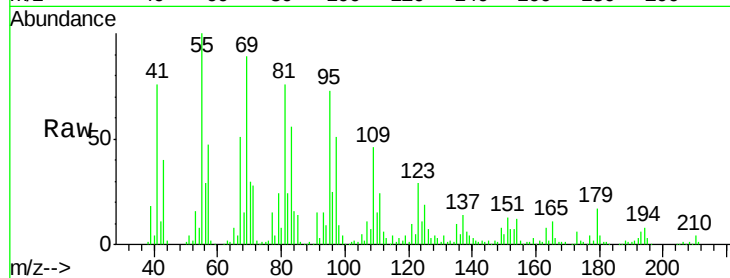
Tgt Ion:154 Resp: 33832

Ion Ratio Lower Upper

154 100

153 59.4 31.7 47.5#

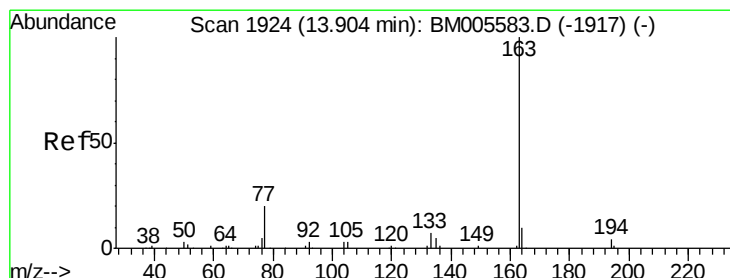
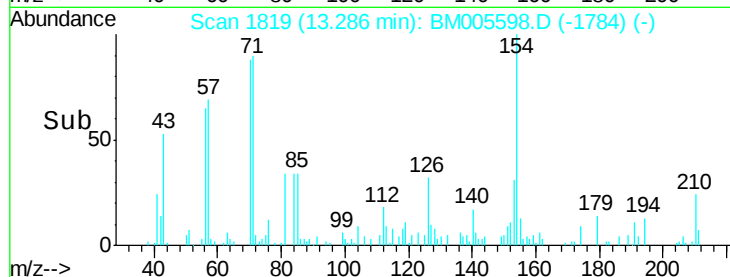
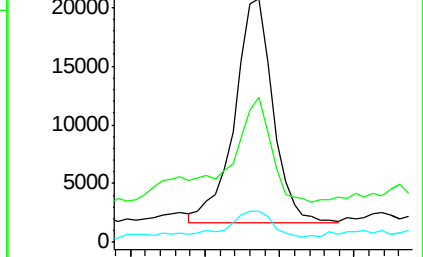
76 13.0 10.1 15.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#44

Dimethylphthalate

Concen: 10.97 ng/ul

RT: 13.90 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

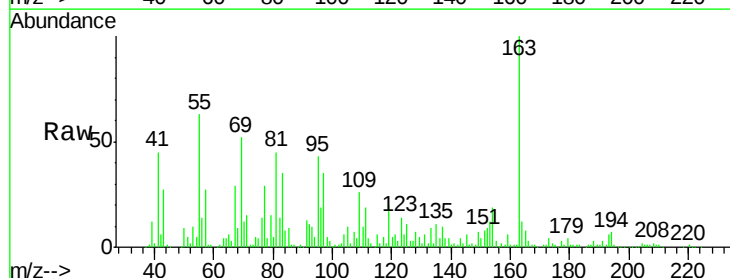
Tgt Ion:163 Resp: 316159

Ion Ratio Lower Upper

163 100

194 7.1 3.4 5.0#

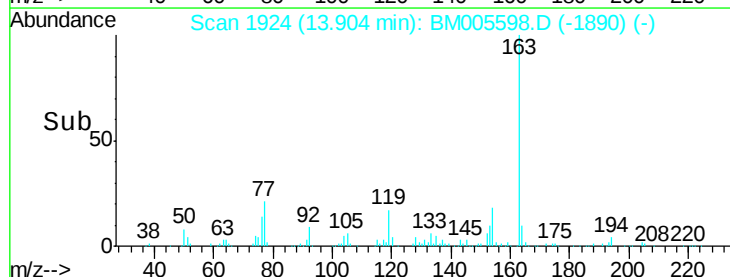
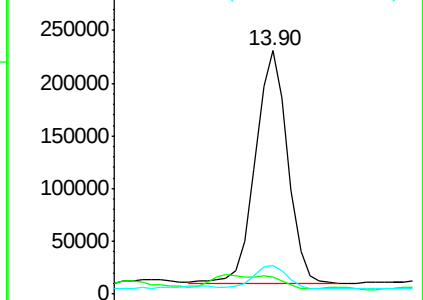
164 11.6 8.0 12.0

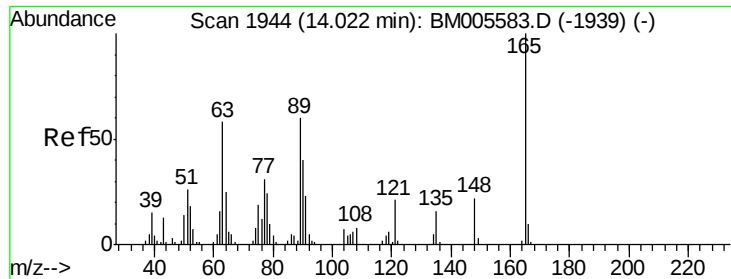


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

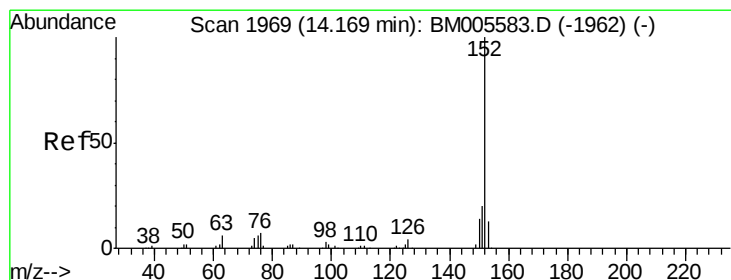
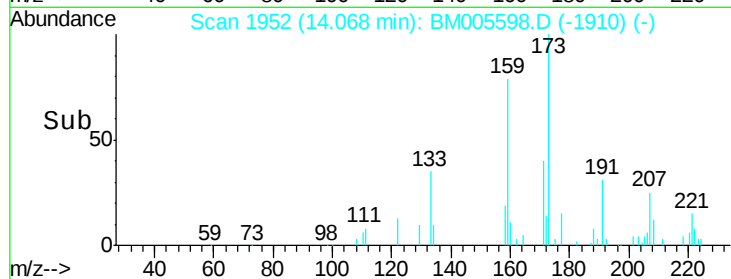
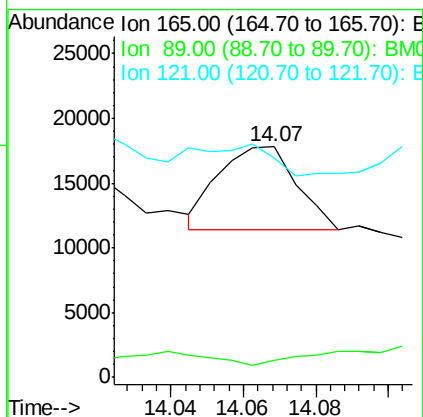
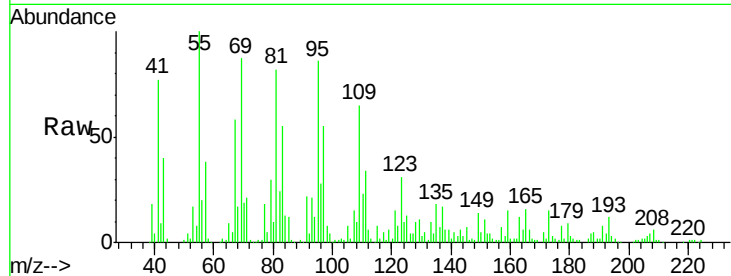




#45
2,6-Dinitrotoluene
Concen: 1.62 ng/ul
RT: 14.07 min Scan# 1952
Delta R.T. 0.05 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

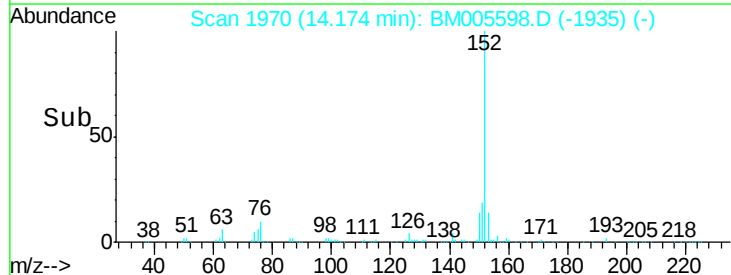
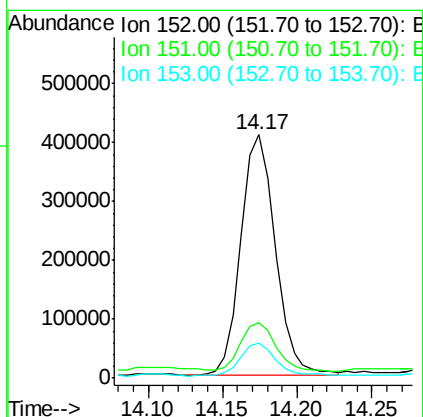
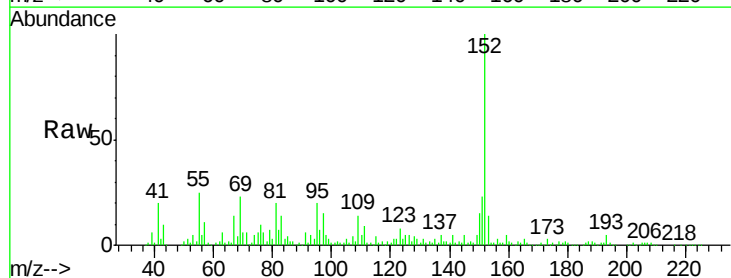
Instrument :
BNA_M
ClientSampleId :
JHGK9

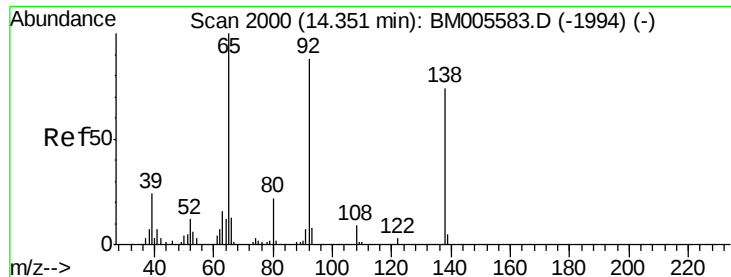
Tgt Ion:165 Resp: 9429
Ion Ratio Lower Upper
165 100
89 7.6 48.2 72.2#
121 95.3 17.4 26.0#



#47
Acenaphthylene
Concen: 17.69 ng/ul
RT: 14.17 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

Tgt Ion:152 Resp: 655357
Ion Ratio Lower Upper
152 100
151 22.8 15.7 23.5
153 14.3 10.5 15.7

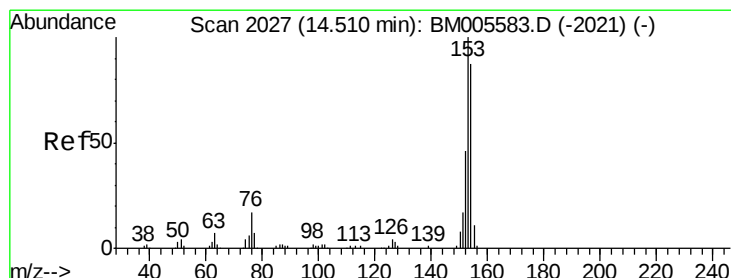
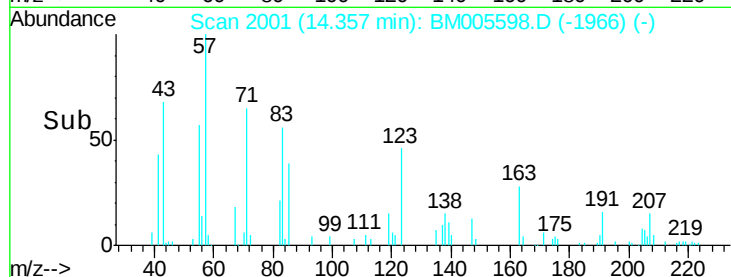
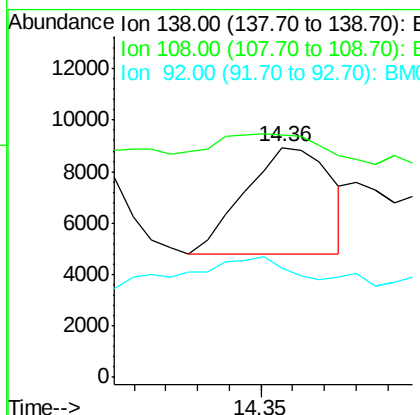
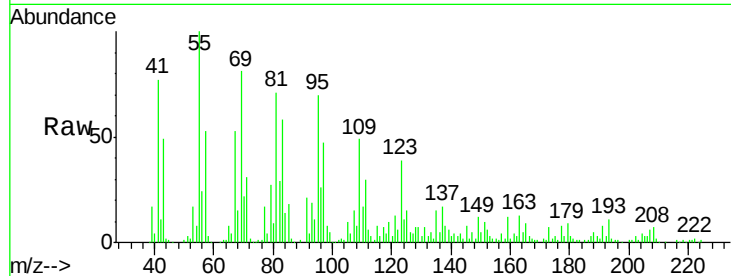




#48
 3-Nitroaniline
 Concen: 1.44 ng/ul
 RT: 14.36 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

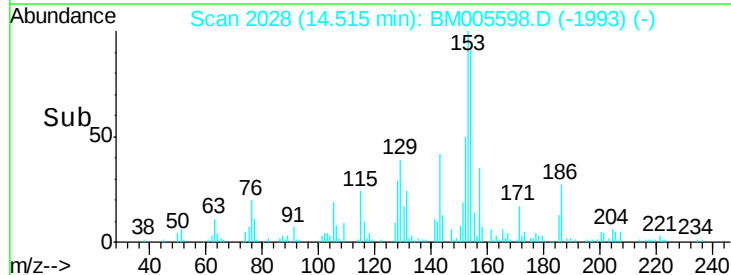
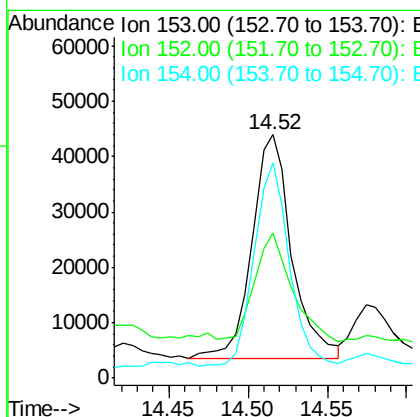
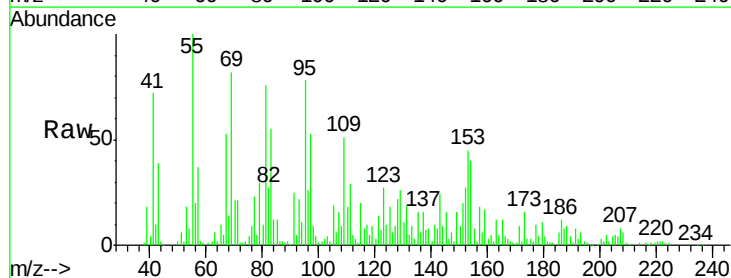
Instrument :
 BNA_M
 ClientSampleId :
 JHGK9

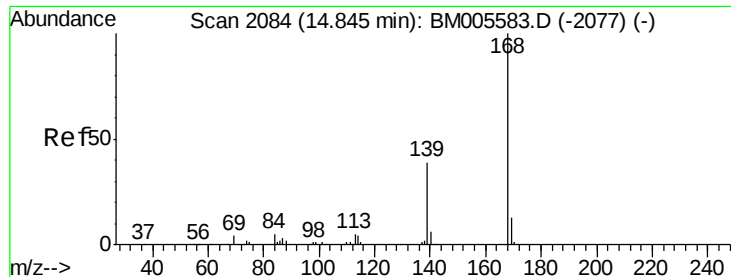
Tgt Ion:138 Resp: 7781
 Ion Ratio Lower Upper
 138 100
 108 105.2 9.1 13.7#
 92 47.5 92.8 139.2#



#49
 Acenaphthene
 Concen: 2.89 ng/ul
 RT: 14.52 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

Tgt Ion:153 Resp: 70486
 Ion Ratio Lower Upper
 153 100
 152 59.4 37.8 56.6#
 154 88.6 71.1 106.7





#53

Dibenzenofuran

Concen: 2.07 ng/ul

RT: 14.84 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

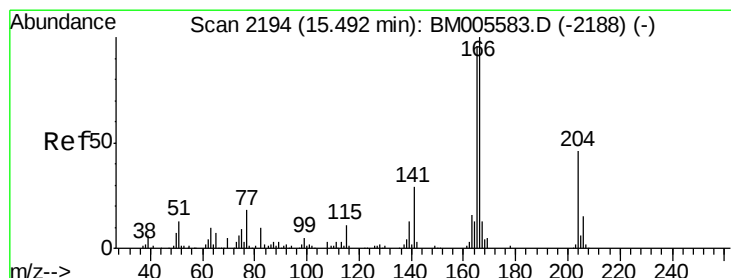
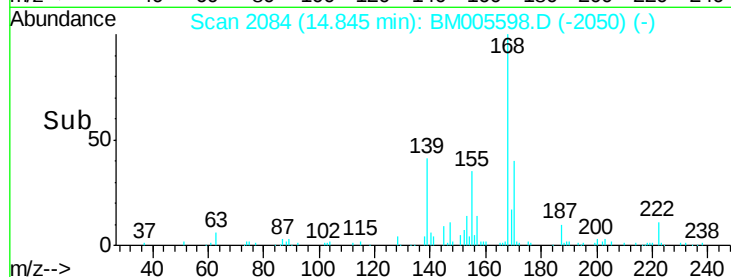
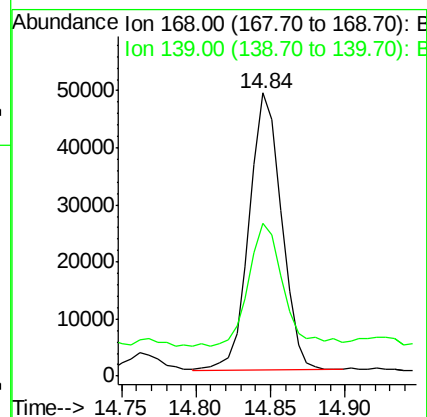
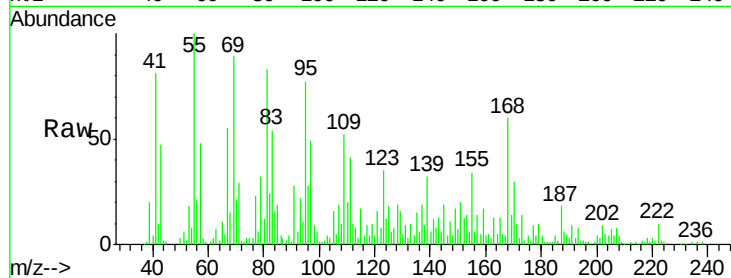
JHGK9

Tgt Ion:168 Resp: 72315

Ion Ratio Lower Upper

168 100

139 53.8 30.6 46.0#



#58

Fluorene

Concen: 8.23 ng/ul

RT: 15.50 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

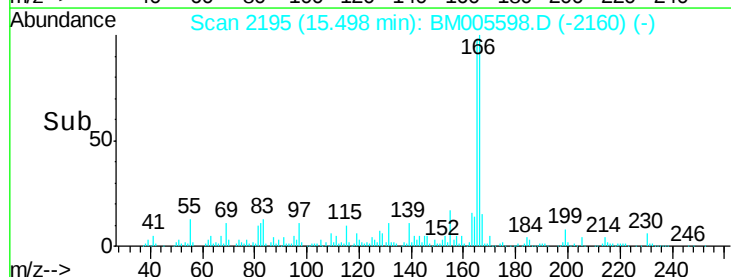
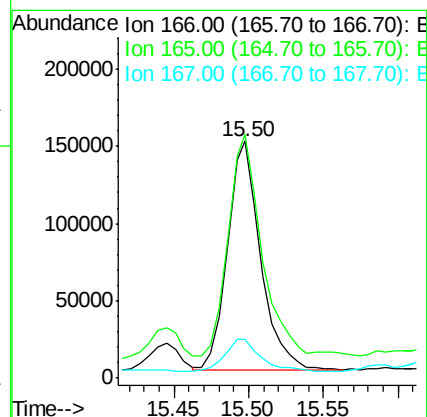
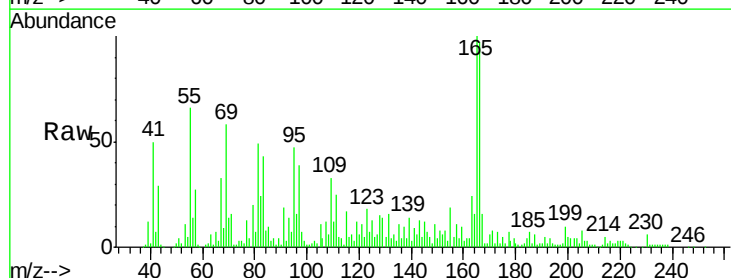
Tgt Ion:166 Resp: 229881

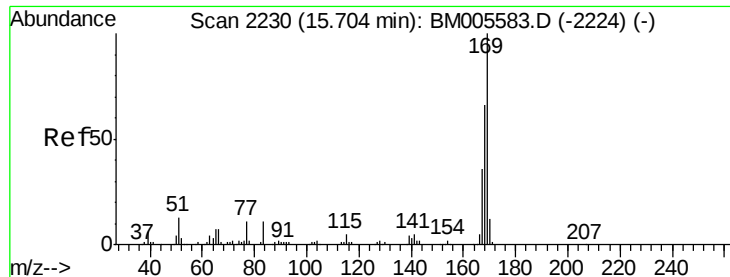
Ion Ratio Lower Upper

166 100

165 102.7 78.0 117.0

167 16.2 10.5 15.7#

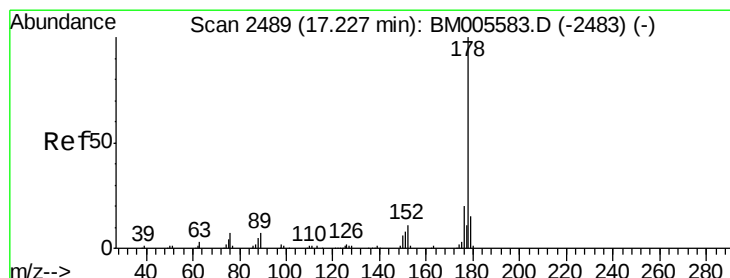
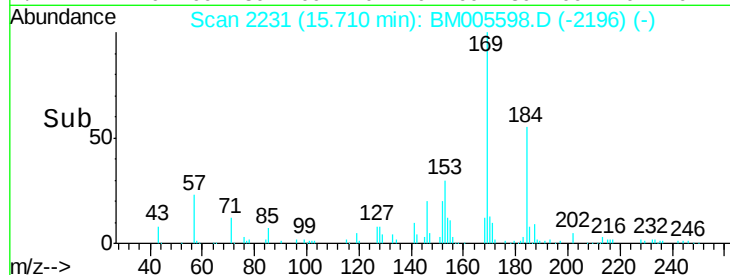
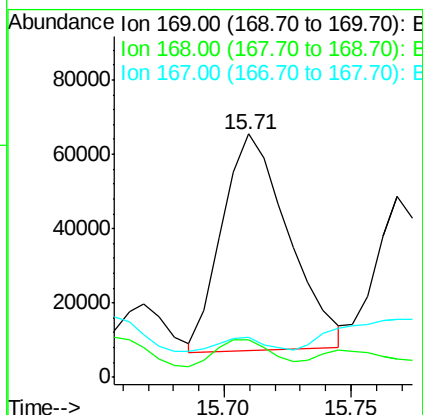
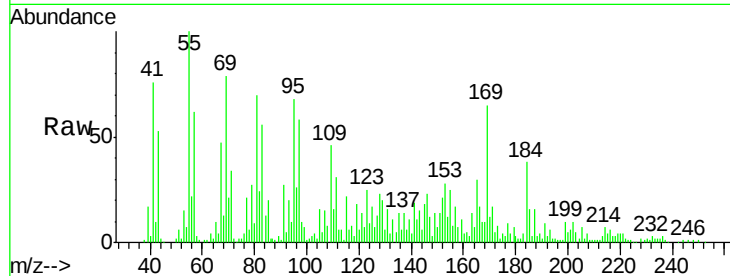




#64
N-Nitrosodiphenylamine
Concen: 6.55 ng/ul
RT: 15.71 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

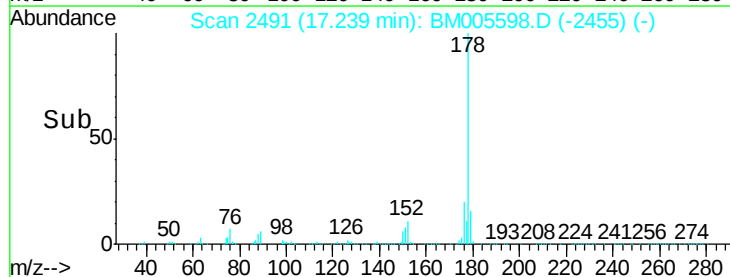
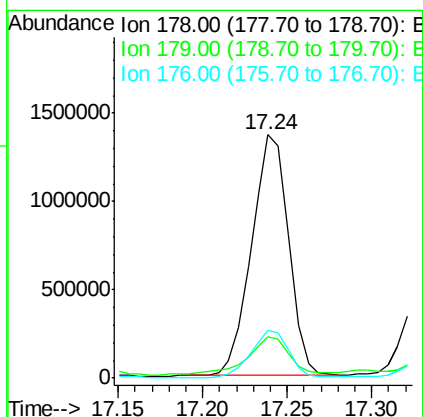
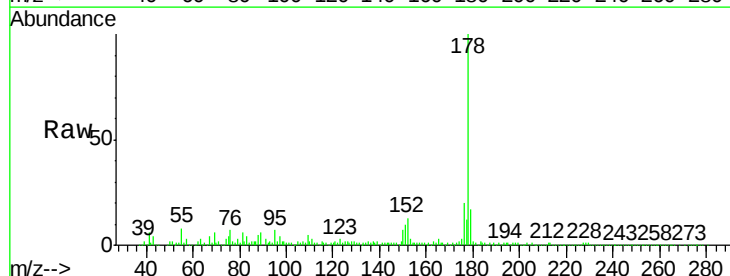
Instrument :
BNA_M
ClientSampled :
JHGK9

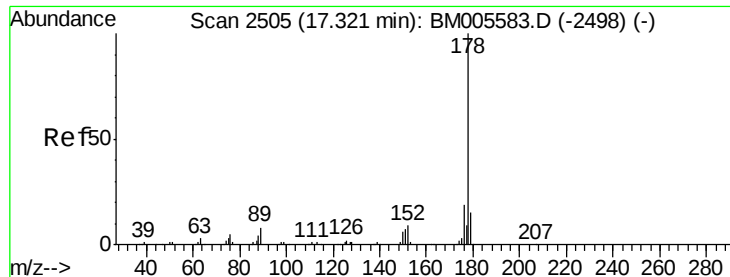
Tgt Ion:169 Resp: 105744
Ion Ratio Lower Upper
169 100
168 15.2 53.2 79.8#
167 16.2 28.9 43.3#



#69
Phenanthrene
Concen: 69.79 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BM005598.D
Acq: 22 May 2016 22:04

Tgt Ion:178 Resp: 2074362
Ion Ratio Lower Upper
178 100
179 17.0 12.2 18.2
176 19.8 15.8 23.6

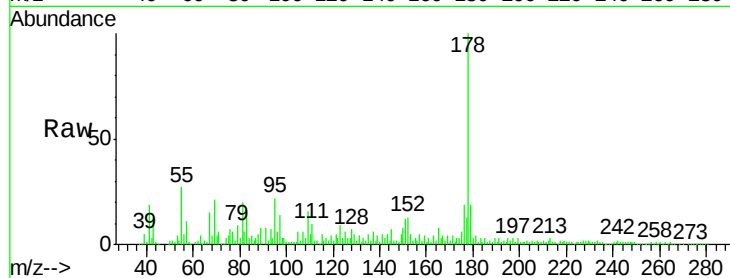




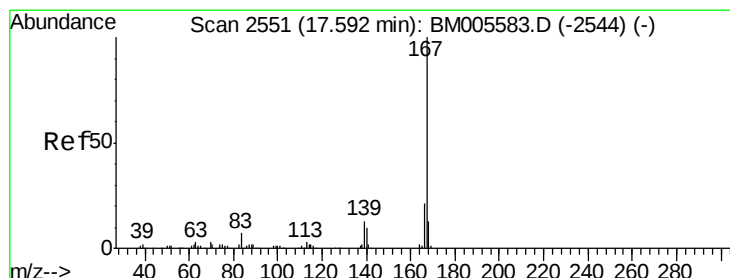
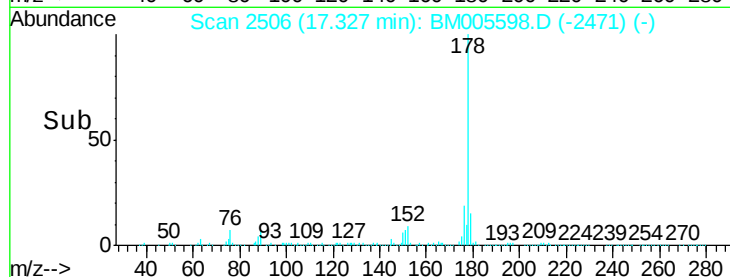
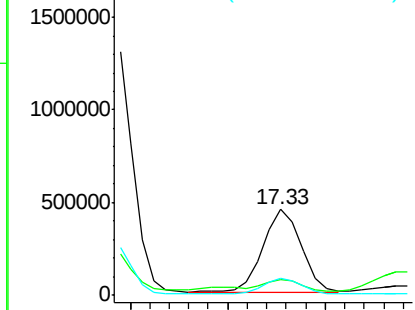
#71
 Anthracene
 Concen: 19.91 ng/ul
 RT: 17.33 min Scan# 2506
 Delta R.T. 0.01 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

Instrument :
 BNA_M
 ClientSampleId :
 JHKG9

Tgt Ion:178 Resp: 603013
 Ion Ratio Lower Upper
 178 100
 179 18.6 12.6 18.8
 176 19.2 15.0 22.4

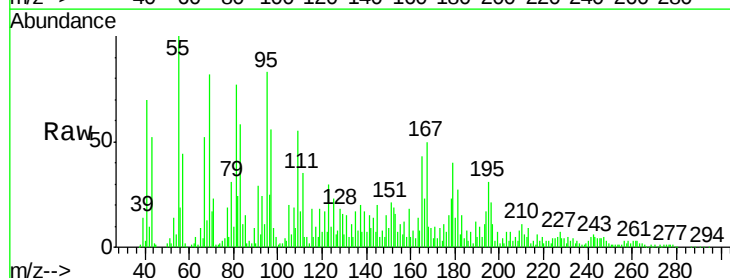


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

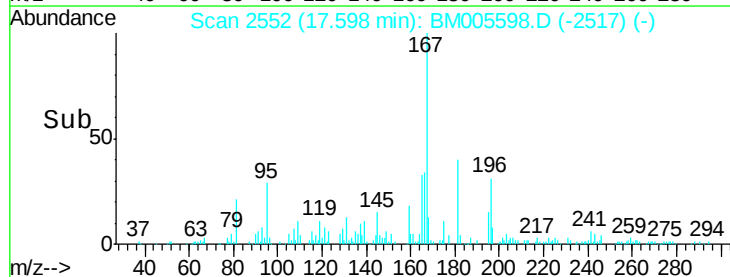
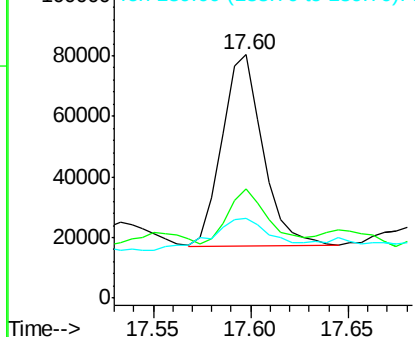


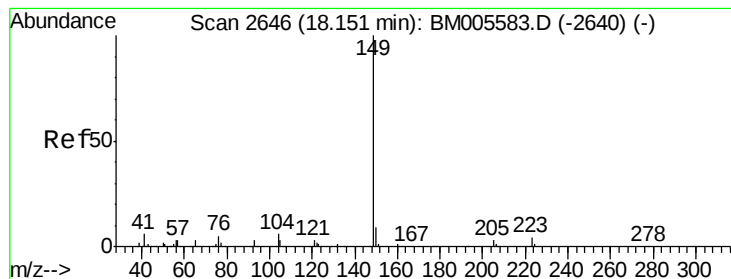
#72
 Carbazole
 Concen: 3.49 ng/ul
 RT: 17.60 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

Tgt Ion:167 Resp: 91657
 Ion Ratio Lower Upper
 167 100
 166 44.8 16.9 25.3#
 139 32.9 10.6 16.0#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.38 ng/ul

RT: 18.18 min Scan# 2651

Delta R.T. 0.03 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

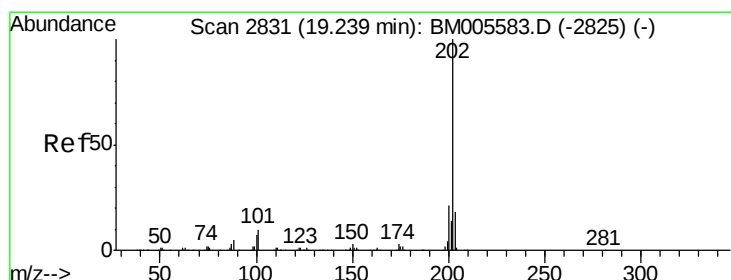
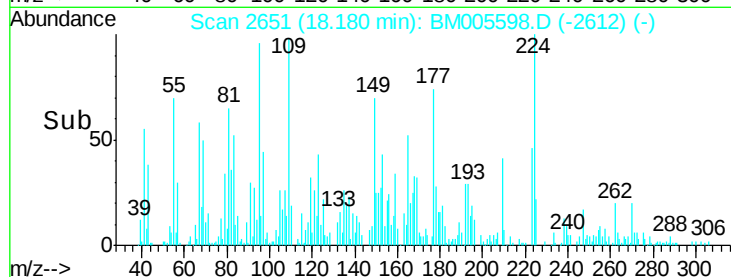
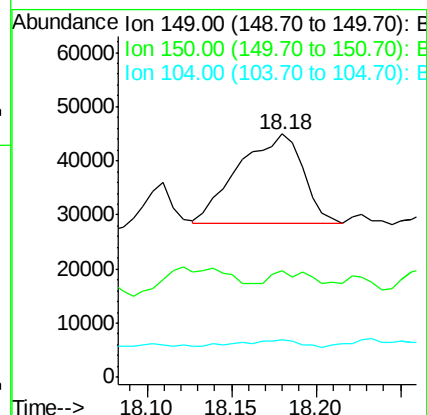
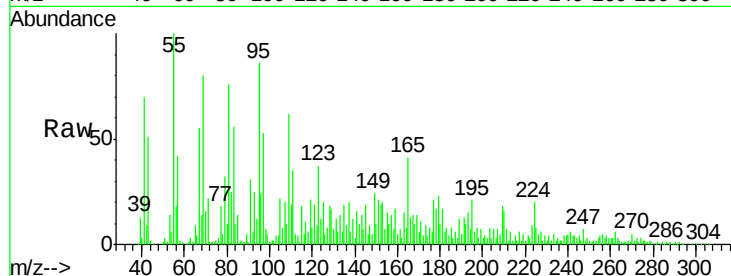
Tgt Ion:149 Resp: 43953

Ion Ratio Lower Upper

149 100

150 43.6 7.4 11.0#

104 15.3 4.4 6.6#



#74

Fluoranthene

Concen: 149.83 ng/ul

RT: 19.27 min Scan# 2837

Delta R.T. 0.04 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

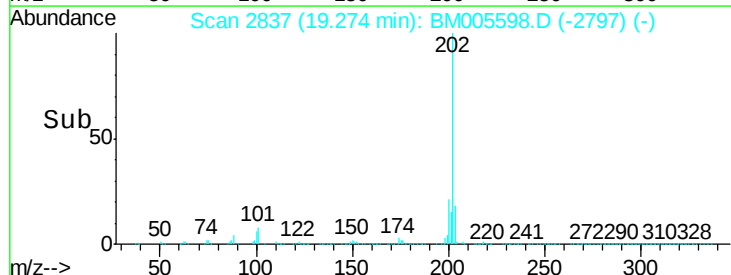
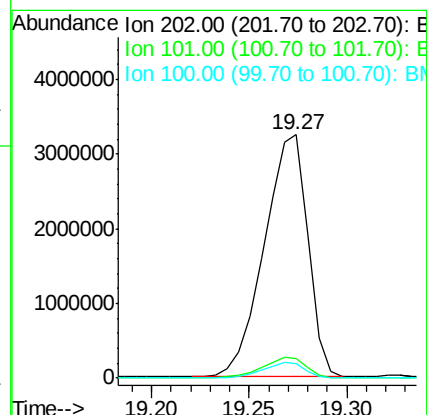
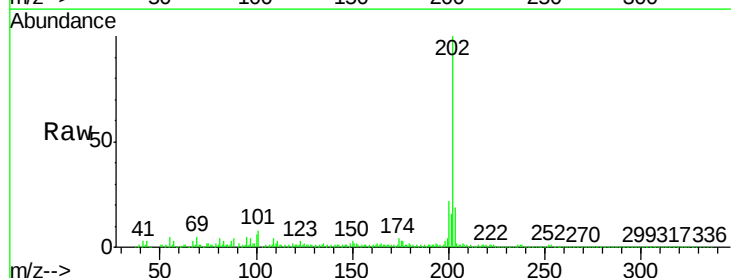
Tgt Ion:202 Resp: 5012840

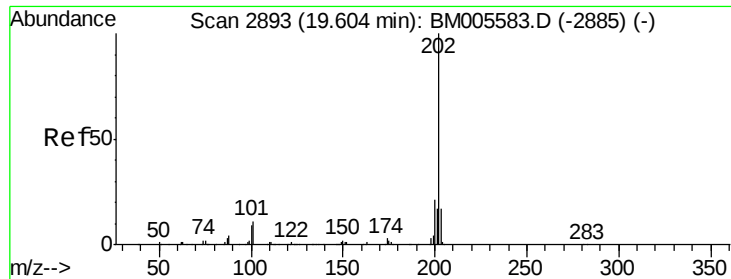
Ion Ratio Lower Upper

202 100

101 8.1 7.9 11.9

100 6.1 5.6 8.4

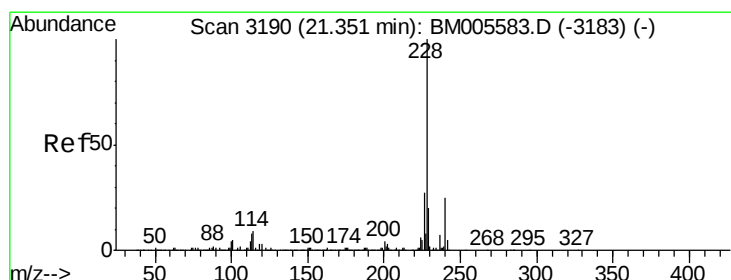
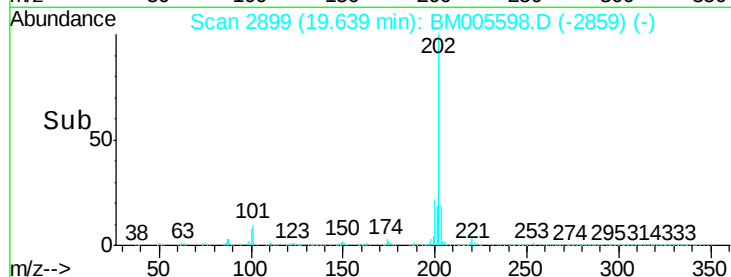
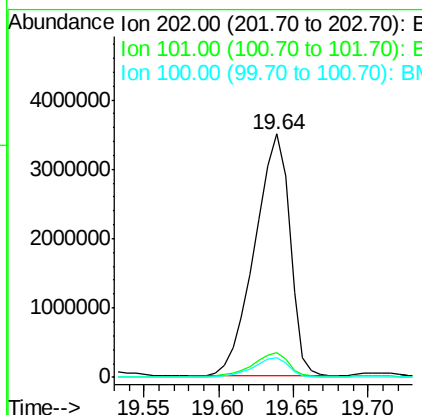
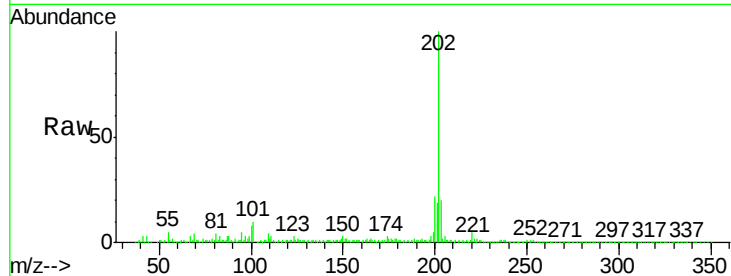




#77
 Pyrene
 Concen: 208.82 ng/ul
 RT: 19.64 min Scan# 2899
 Delta R.T. 0.04 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

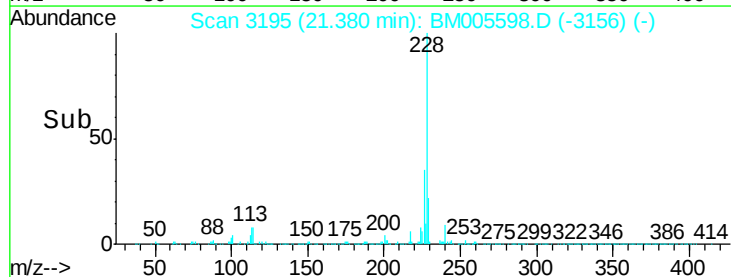
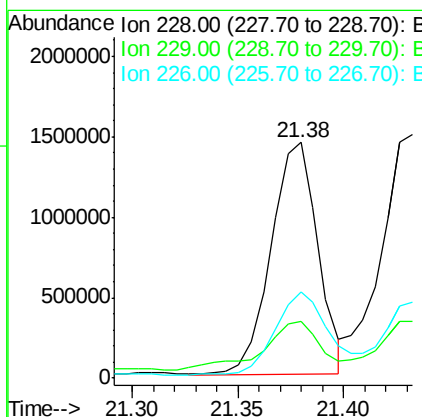
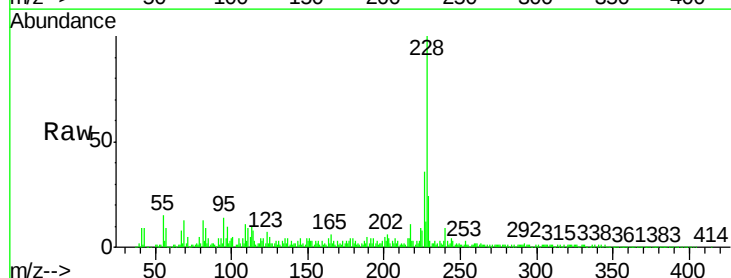
Instrument :
 BNA_M
 ClientSampleId :
 JHGK9

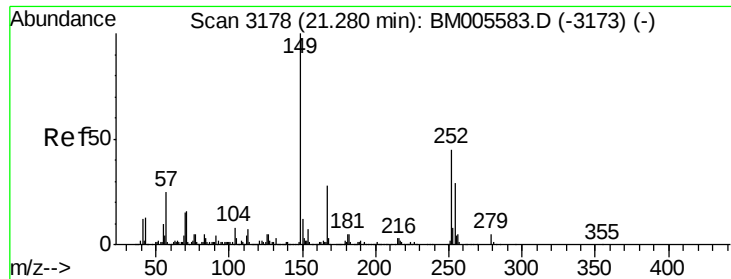
Tgt Ion:202 Resp: 5708575
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.6 14.4
 100 8.3 7.8 11.6



#80
 Benzo(a)anthracene
 Concen: 79.85 ng/ul
 RT: 21.38 min Scan# 3195
 Delta R.T. 0.03 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

Tgt Ion:228 Resp: 2231954
 Ion Ratio Lower Upper
 228 100
 229 24.2 15.4 23.2#
 226 36.3 21.0 31.4#

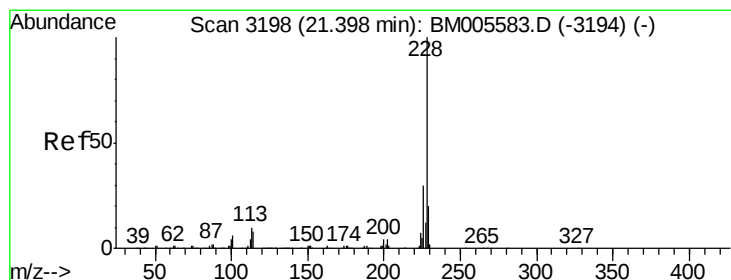
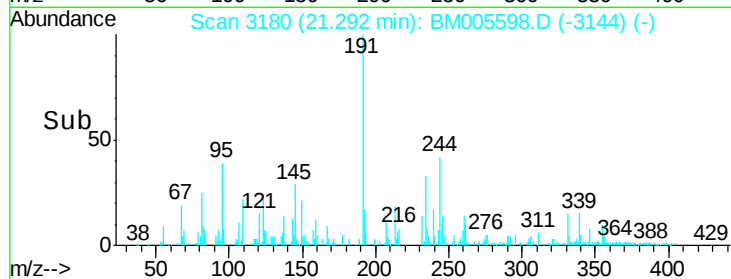
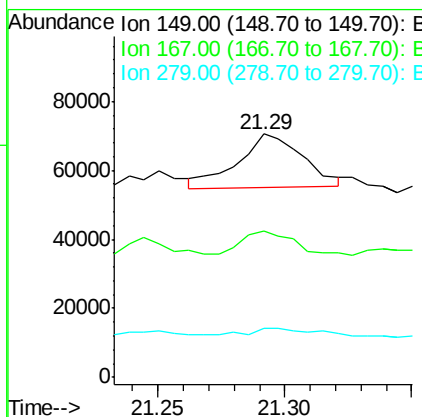
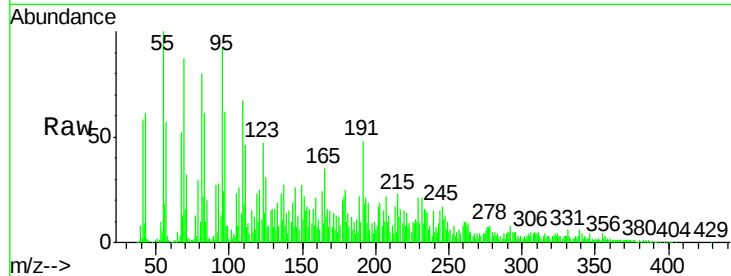




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.68 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. 0.01 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

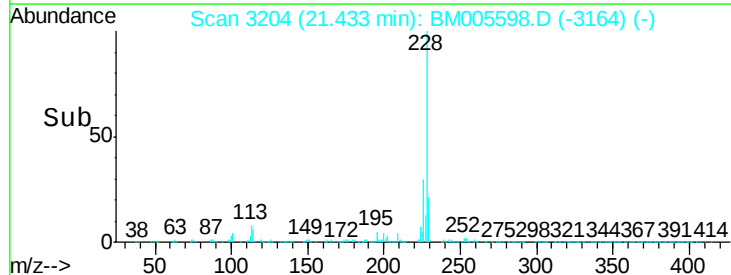
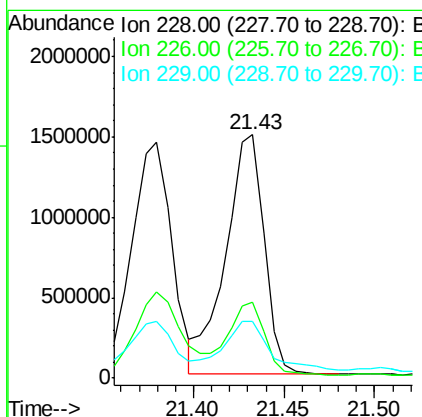
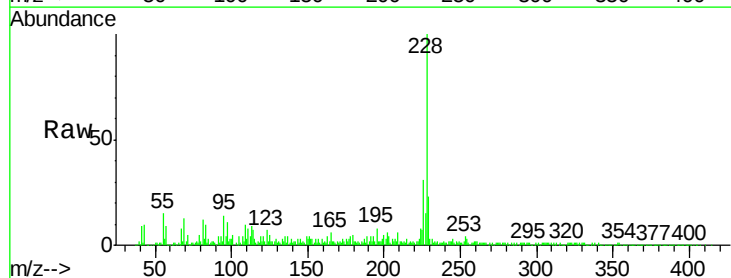
Instrument :
 BNA_M
 ClientSampleId :
 JHKG9

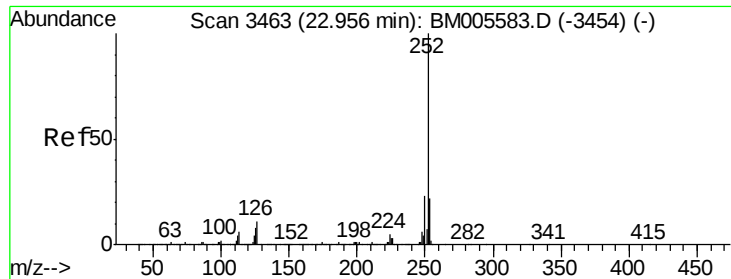
Tgt Ion:149 Resp: 27313
 Ion Ratio Lower Upper
 149 100
 167 59.9 22.0 33.0#
 279 20.1 3.8 5.8#



#82
 Chrysene
 Concen: 83.23 ng/ul
 RT: 21.43 min Scan# 3204
 Delta R.T. 0.04 min
 Lab File: BM005598.D
 Acq: 22 May 2016 22:04

Tgt Ion:228 Resp: 2213434
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.7 35.5
 229 23.3 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 89.76 ng/u1

RT: 23.01 min Scan# 3472

Delta R.T. 0.05 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

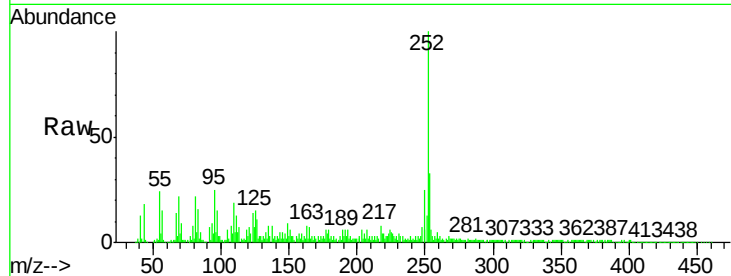
Tgt Ion:252 Resp: 2352543

Ion Ratio Lower Upper

252 100

253 33.2 17.3 25.9#

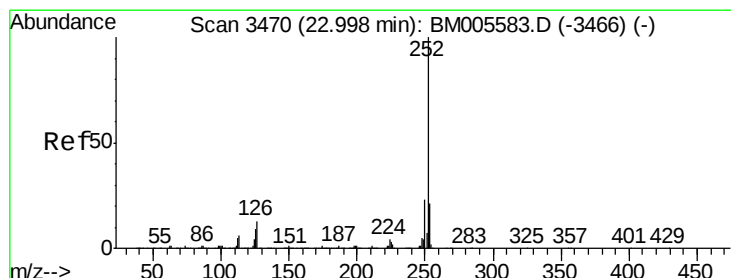
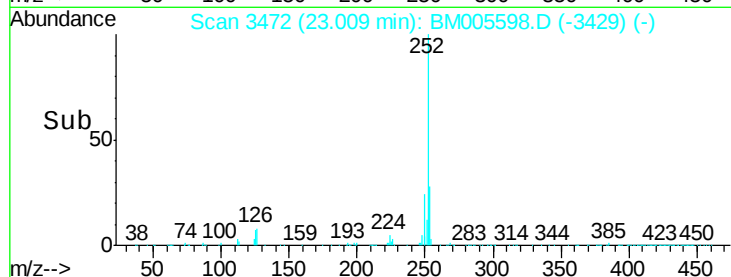
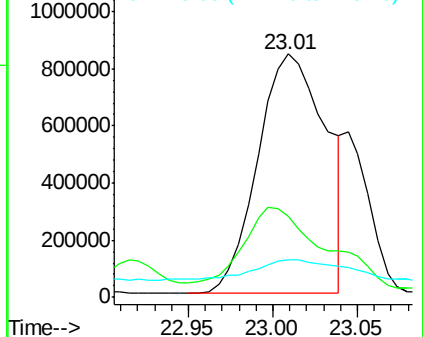
125 15.2 7.0 10.4#



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



#86

Benzo(k)fluoranthene

Concen: 94.82 ng/u1

RT: 23.01 min Scan# 3472

Delta R.T. 0.01 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

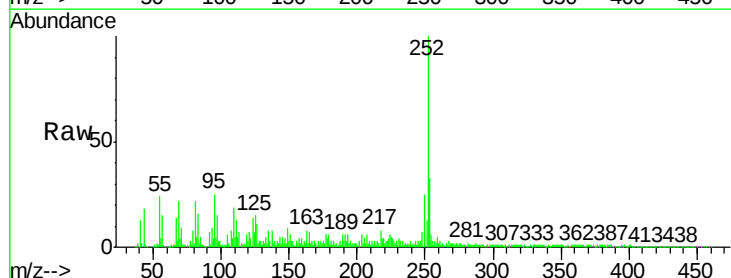
Tgt Ion:252 Resp: 2352543

Ion Ratio Lower Upper

252 100

253 33.2 17.5 26.3#

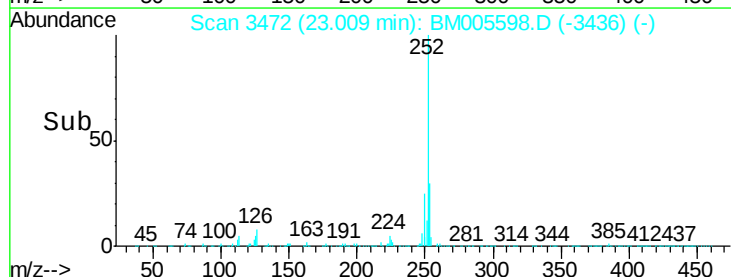
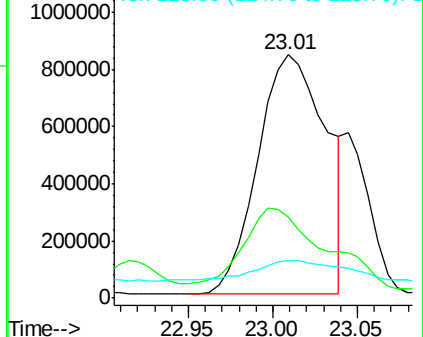
125 15.2 7.0 10.6#

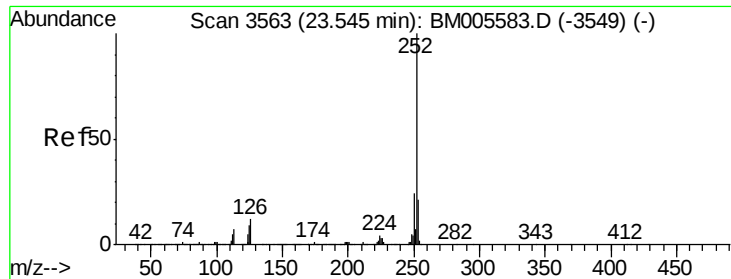


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 87.23 ng/ul

RT: 23.61 min Scan# 3574

Delta R.T. 0.06 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

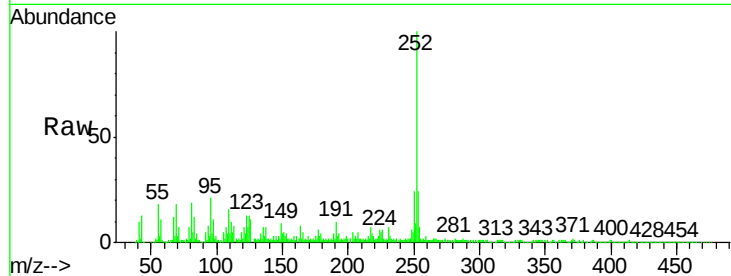
Tgt Ion:252 Resp: 2217760

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

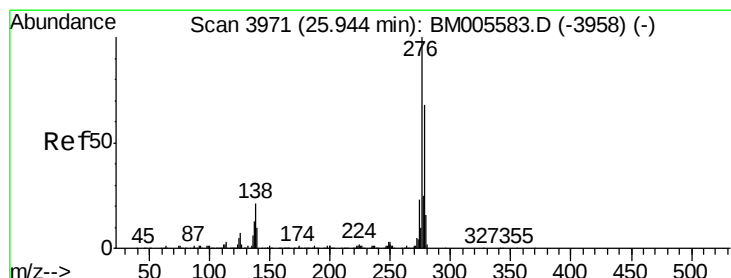
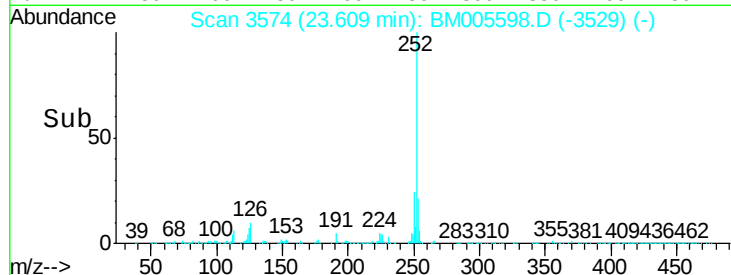
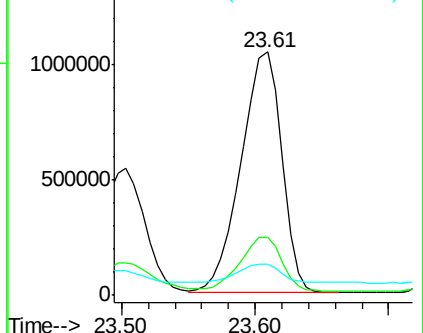
125 13.0 7.6 11.4#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 43.03 ng/ul

RT: 26.04 min Scan# 3987

Delta R.T. 0.09 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

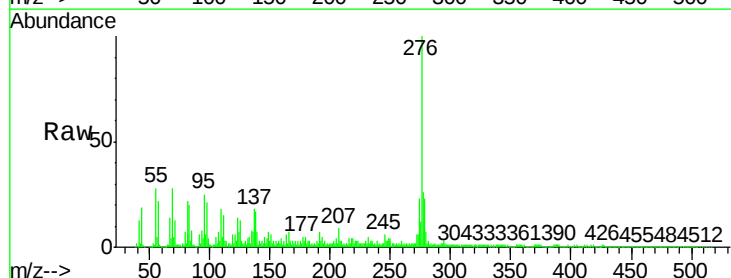
Tgt Ion:276 Resp: 1299309

Ion Ratio Lower Upper

276 100

138 17.3 16.9 25.3

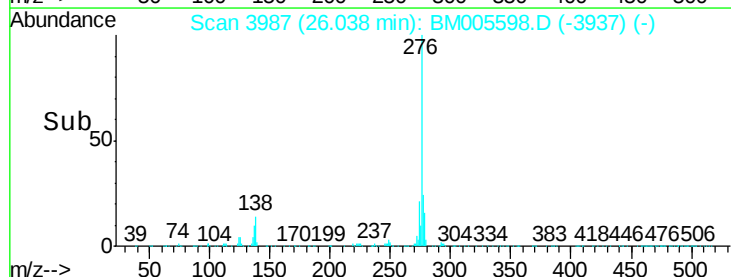
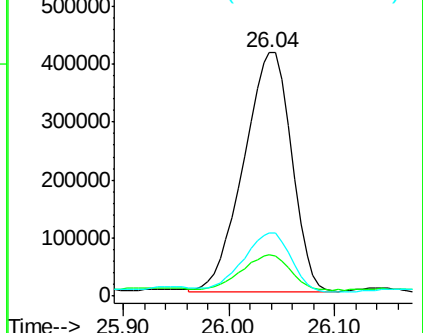
277 25.8 20.2 30.4

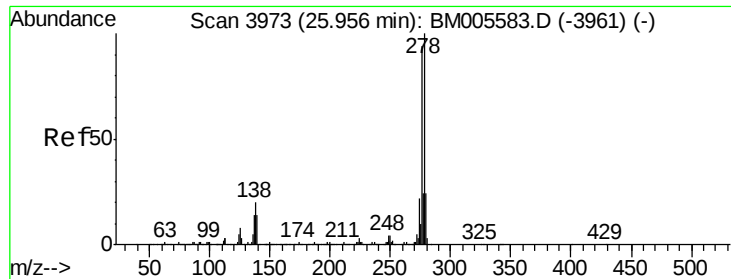


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 11.59 ng/ul

RT: 26.04 min Scan# 3987

Delta R.T. 0.08 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

JHGK9

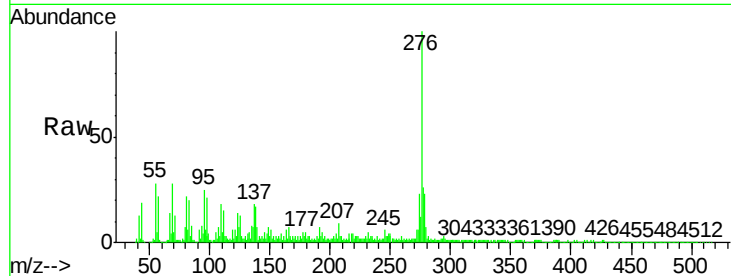
Tgt Ion:278 Resp: 291393

Ion Ratio Lower Upper

278 100

139 29.8 11.8 17.6#

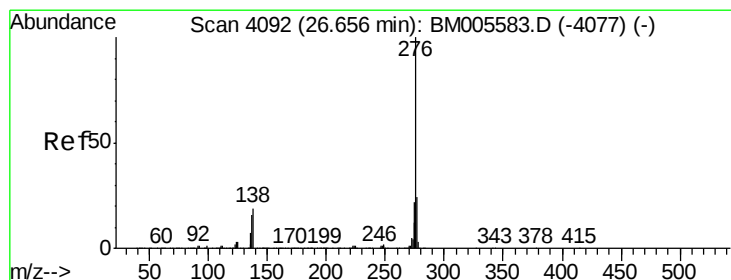
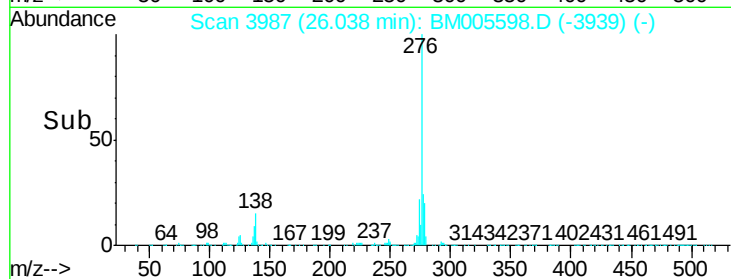
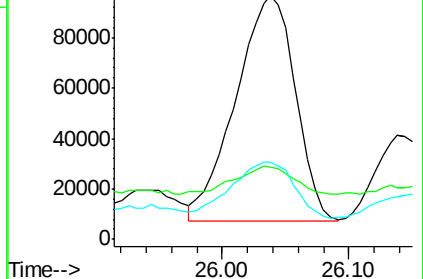
279 32.0 19.4 29.2#



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



#91

Benzo(g,h,i)perylene

Concen: 48.48 ng/ul

RT: 26.76 min Scan# 4110

Delta R.T. 0.11 min

Lab File: BM005598.D

Acq: 22 May 2016 22:04

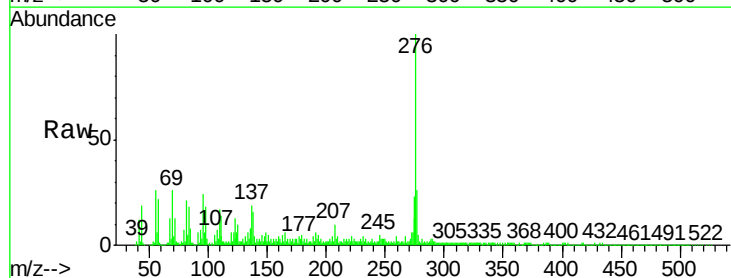
Tgt Ion:276 Resp: 1230690

Ion Ratio Lower Upper

276 100

138 16.2 15.0 22.6

277 25.5 18.6 28.0



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

