

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
 Data File : BM020357.D
 Acq On : 17 May 2019 10:21
 Operator : JU/SJ
 Sample : K2604-01ME
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ75ME

Quant Time: May 18 02:54:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	51303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	193939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	134109	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	300417	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	324970	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	373599	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7933	5.71	ng/uL	0.00
5) Phenol-d5	6.90	99	120554	29.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	86567	33.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	95256	31.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	89441	30.01	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	46454	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	44906	32.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	99724	33.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	113407	37.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	332749	34.49	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	420972	34.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	22453	16.03	ng/ul	0.00
57) Fluorene-d10	15.38	176	317211	36.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	14206	8.30	ng/ul	0.02
70) Anthracene-d10	17.24	188	499838	38.79	ng/ul	0.01
78) Pyrene-d10	19.54	212	578933	36.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	634099	37.35	ng/ul	0.01

Target Compounds

					Qvalue	
4) Benzaldehyde	6.87	77	5547	1.582	ng/ul#	1
6) Phenol	6.93	94	6326	1.469	ng/ul#	70
11) 2-Methylphenol	8.17	108	9882	3.377	ng/ul	83
14) Acetophenone	8.57	105	7225	1.420	ng/ul	96
16) 4-Methylphenol	8.51	108	9013	2.843	ng/ul	80
17) Hexachloroethane	8.82	117	20879	14.433	ng/ul#	1
24) 2,4-Dimethylphenol	9.70	107	9929	2.876	ng/ul	92
28) Naphthalene	10.60	128	13438720	1508.203	ng/ul	99
30) 4-Chloroaniline	10.60	127	1807531	581.489	ng/ul#	12
32) Caprolactam	11.52	113	8054	9.857	ng/ul#	28
34) 2-Methylnaphthalene	12.21	142	5216235	808.529	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	730423	76.079	ng/ul	99
44) Dimethylphthalate	13.84	163	41618	4.360	ng/ul#	96
47) Acenaphthylene	14.12	152	3018353	265.203	ng/ul	98
49) Acenaphthene	14.45	153	359773	45.981	ng/ul	99
53) Dibenzofuran	14.79	168	1082589	91.368	ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	13922	5.460	ng/ul#	51
58) Fluorene	15.44	166	2431899	256.208	ng/ul	100
64) N-Nitrosodiphenylamine	15.64	169	37643	5.064	ng/ul#	52
69) Phenanthrene	17.20	178	12563330	877.689	ng/ul	97
71) Anthracene	17.28	178	2740988	188.247	ng/ul	100
74) Carbazole	17.55	167	342953	27.749	ng/ul	97
76) Fluoranthene	19.21	202	5691666	314.777	ng/ul	98

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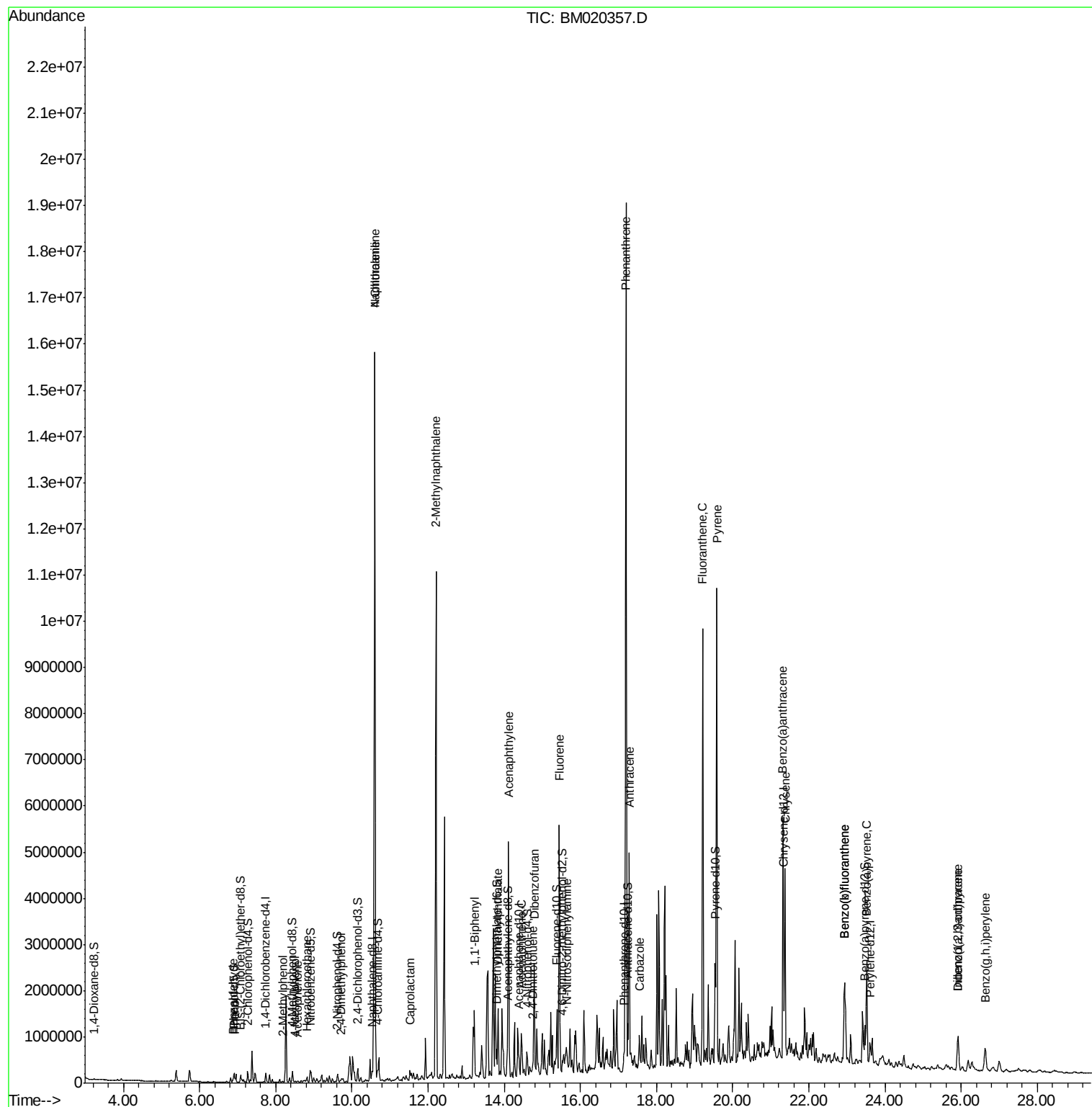
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Pyrene	19.58	202	6384367	327.313	ng/ul	97
82) Benzo(a)anthracene	21.32	228	2655589	135.771	ng/ul	93
84) Chrysene	21.37	228	2126222	113.751	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1824765	85.580	ng/ul	99
88) Benzo(k)fluoranthene	22.93	252	1824765	87.128	ng/ul	100
90) Benzo(a)pyrene	23.52	252	1787704	89.091	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.91	276	781149	34.164	ng/ul	97
92) Dibenzo(a,h)anthracene	25.92	278	237595	12.151	ng/ul#	91
93) Benzo(g,h,i)perylene	26.63	276	684162	36.148	ng/ul	97

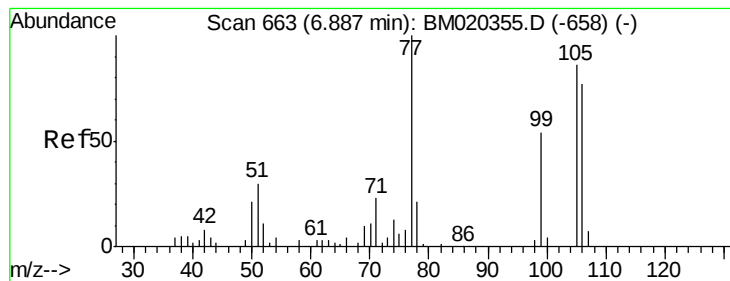
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.582 ng/ul

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

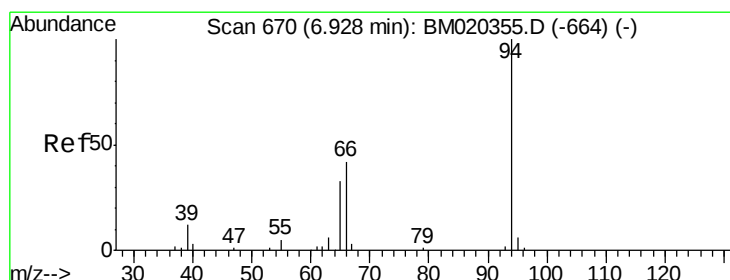
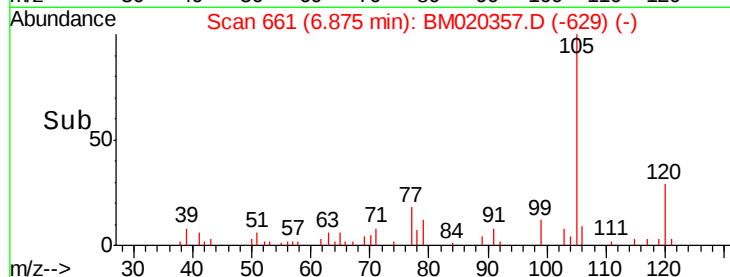
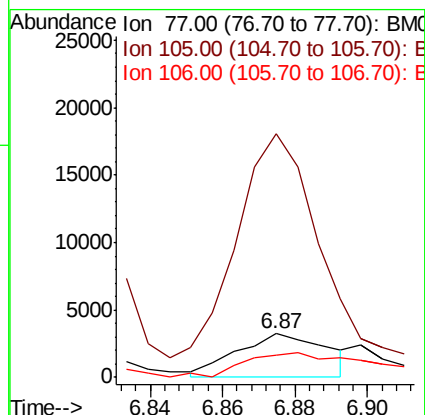
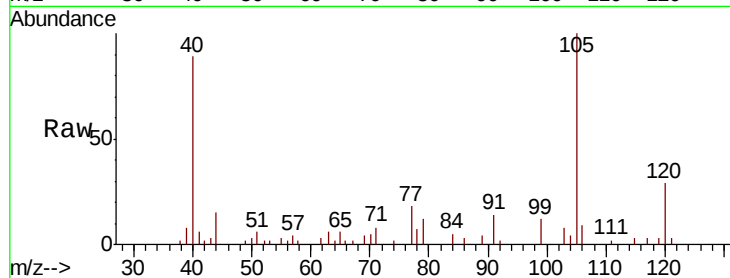
Tgt Ion: 77 Resp: 5547

Ion Ratio Lower Upper

77 100

105 555.7 67.4 101.0#

106 51.4 64.8 97.2#



#6

Phenol

Concen: 1.469 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

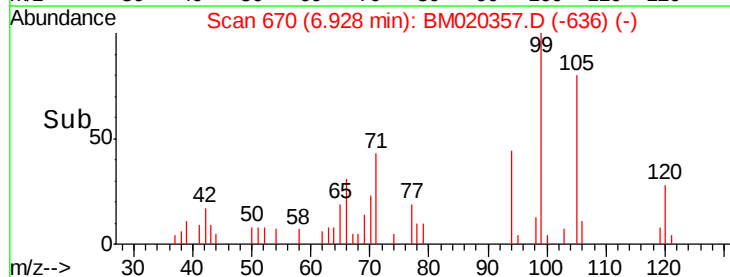
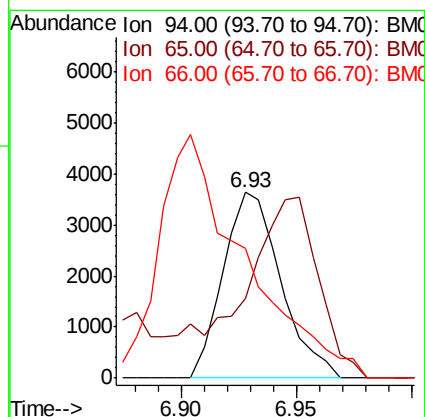
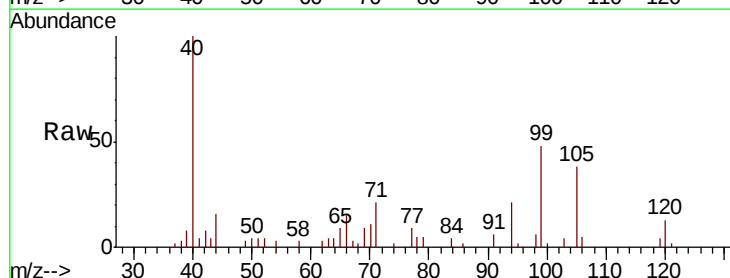
Tgt Ion: 94 Resp: 6326

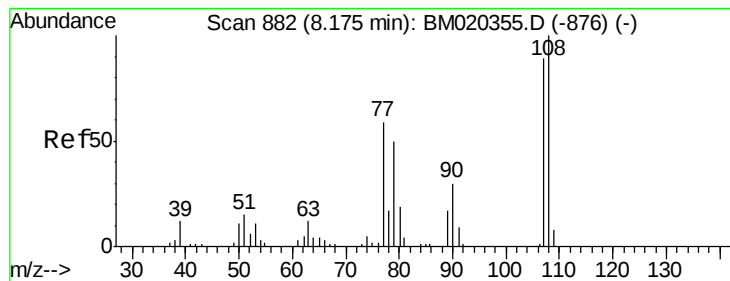
Ion Ratio Lower Upper

94 100

65 42.7 25.4 38.0#

66 69.9 36.5 54.7#





#11

2-Methylphenol

Concen: 3.377 ng/ul

RT: 8.17 min Scan# 882

Delta R.T. -0.00 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

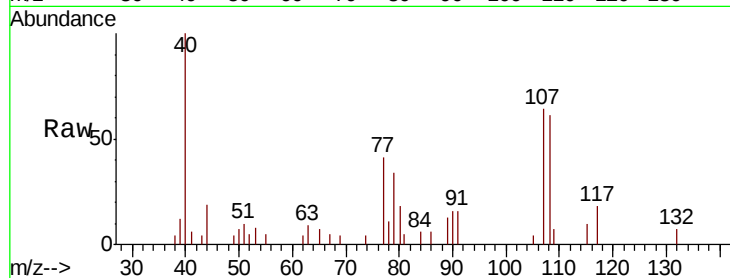
GAJ75ME

Tgt Ion:108 Resp: 9882

Ion Ratio Lower Upper

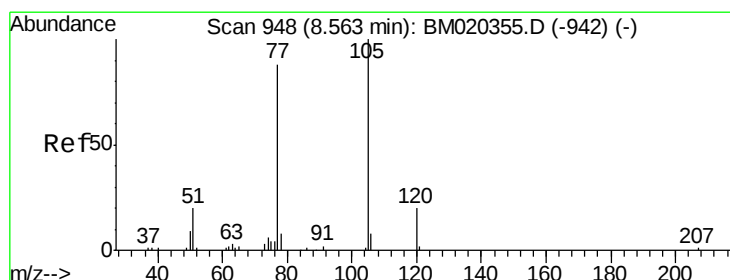
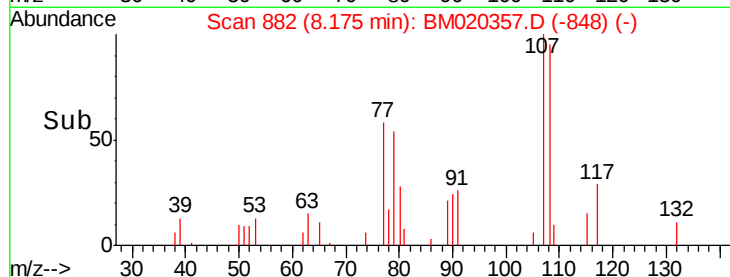
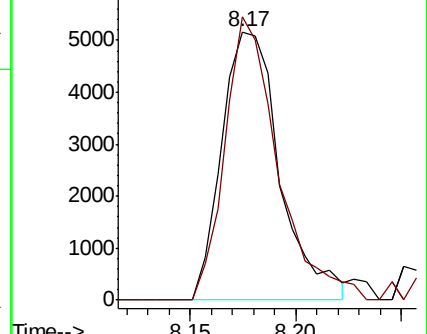
108 100

107 105.6 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

Acetophenone

Concen: 1.420 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. 0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

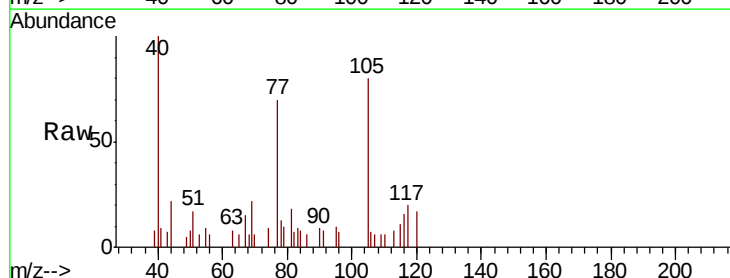
Tgt Ion:105 Resp: 7225

Ion Ratio Lower Upper

105 100

77 87.7 74.0 111.0

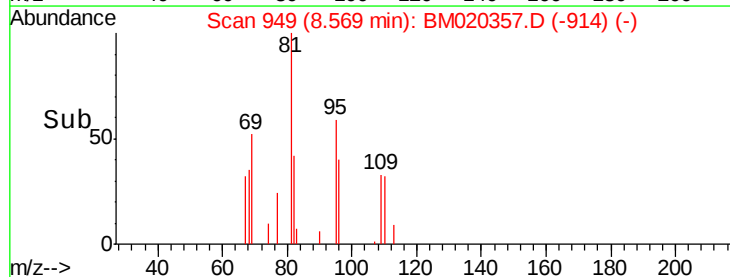
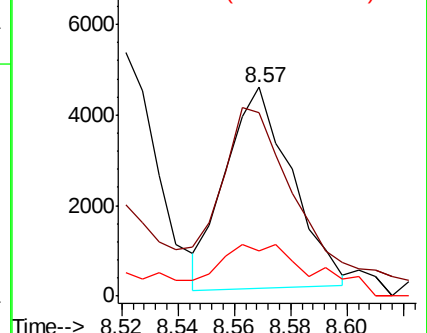
51 21.6 16.5 24.7

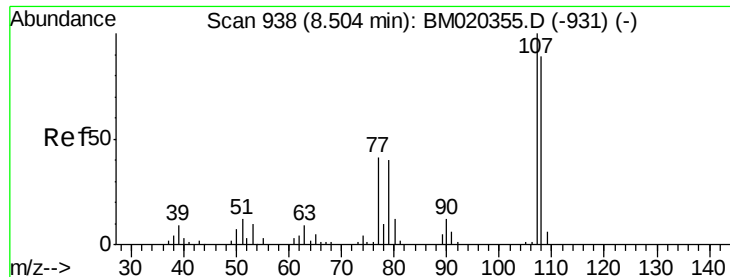


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

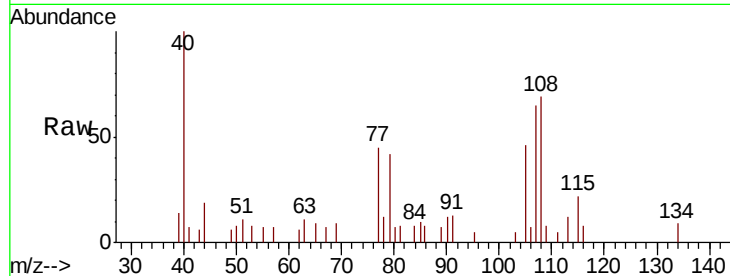




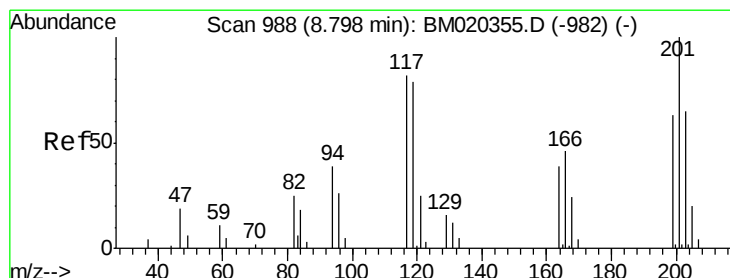
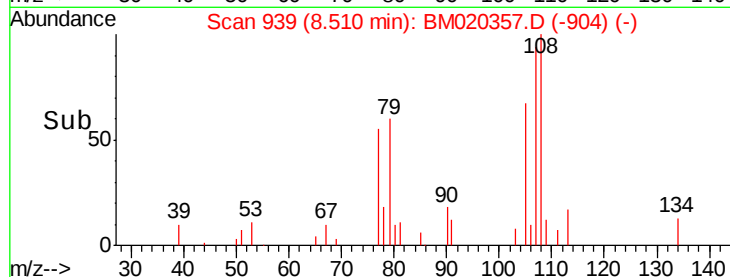
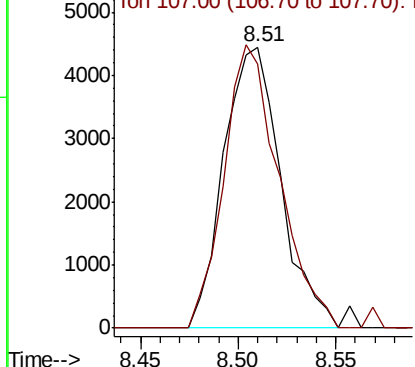
#16
4-Methylphenol
Concen: 2.843 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Instrument :
BNA_M
ClientSampleId :
GAJ75ME

Tgt Ion:108 Resp: 9013
Ion Ratio Lower Upper
108 100
107 94.0 93.0 139.4

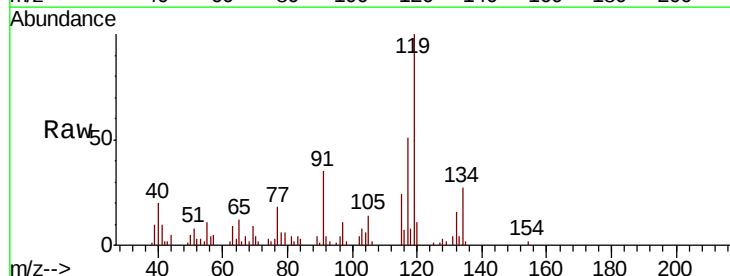


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

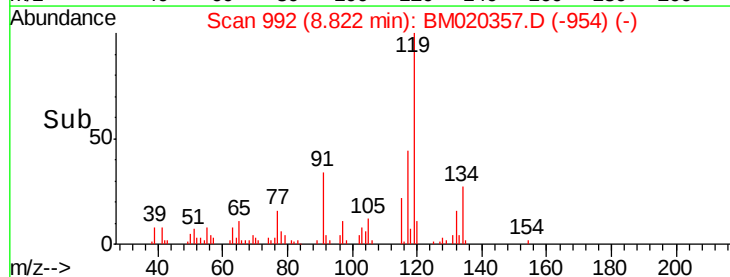
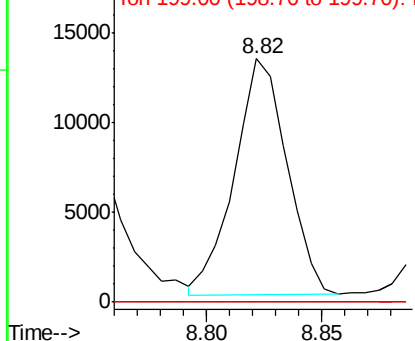


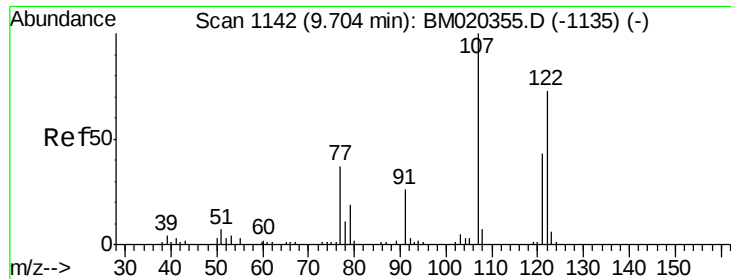
#17
Hexachloroethane
Concen: 14.433 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:117 Resp: 20879
Ion Ratio Lower Upper
117 100
201 0.0 102.4 153.6#
199 0.0 63.3 94.9#



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





#24

2,4-Dimethylphenol

Concen: 2.876 ng/ul

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampled :

GAJ75ME

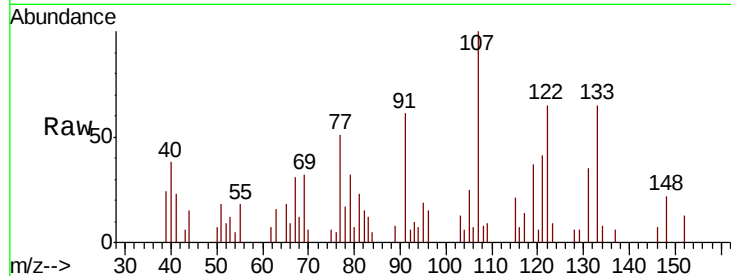
Tgt Ion:107 Resp: 9929

Ion Ratio Lower Upper

107 100

121 40.6 35.1 52.7

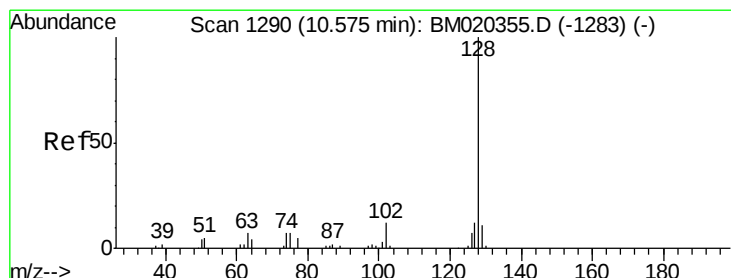
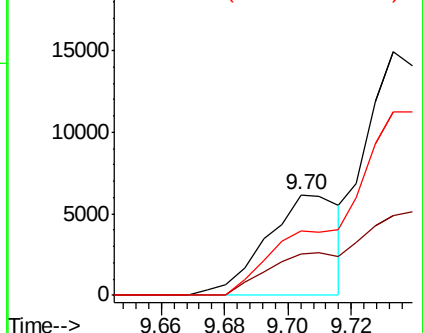
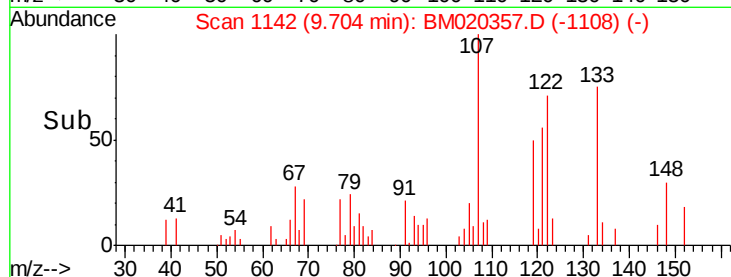
122 64.5 58.1 87.1



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: 1508.203 ng/ul

RT: 10.60 min Scan# 1295

Delta R.T. 0.03 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

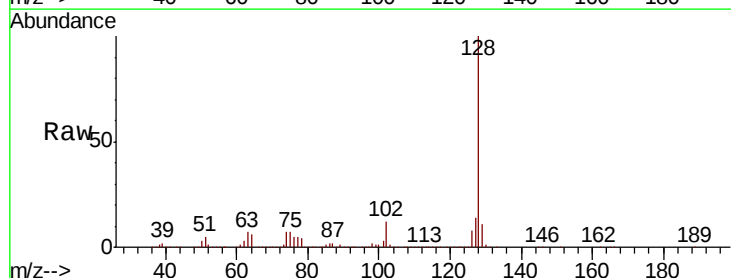
Tgt Ion:128 Resp:13438720

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

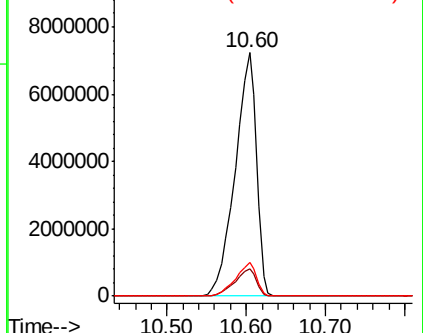
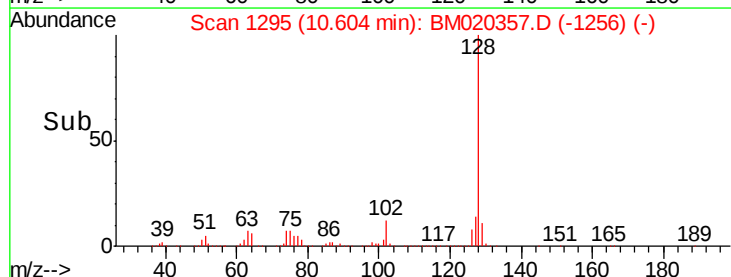
127 13.7 10.6 15.8

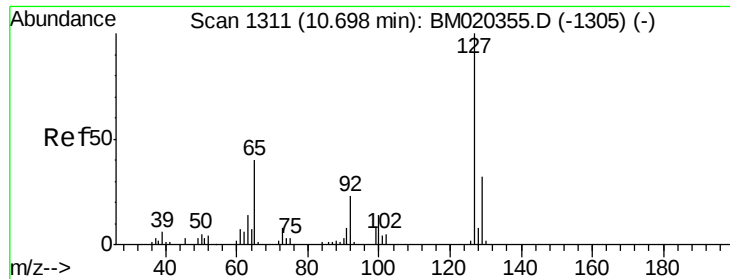


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

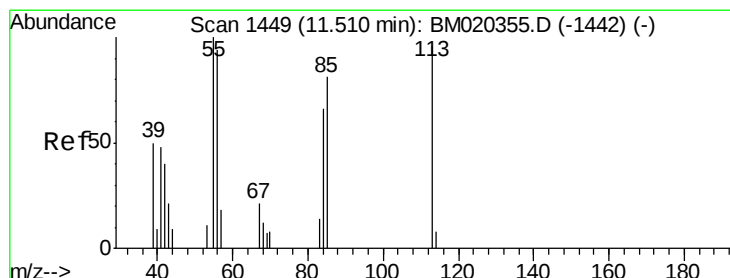
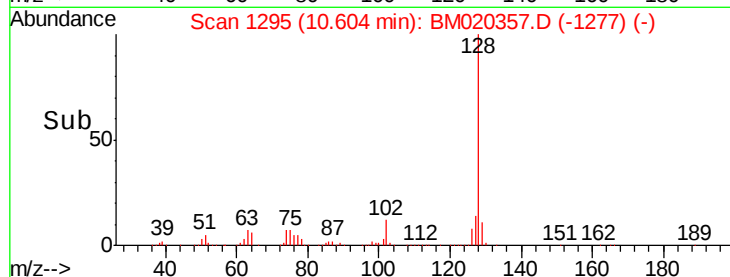
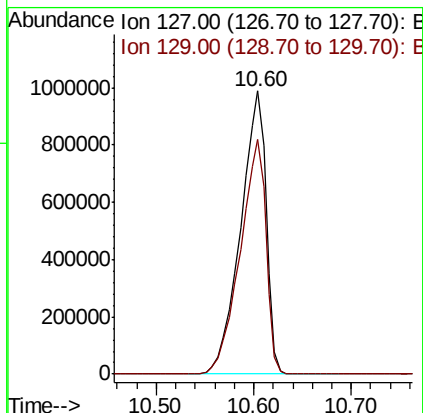
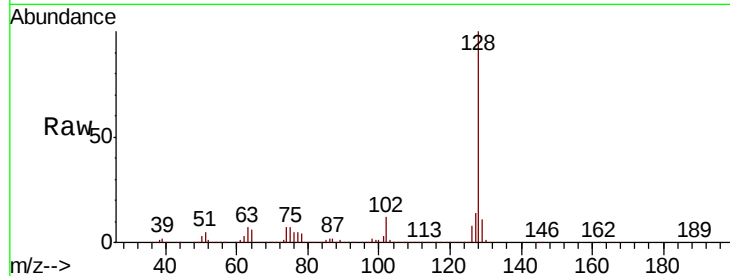




#30
4-Chloroaniline
Concen: 581.489 ng/ul
RT: 10.60 min Scan# 1295
Delta R.T. -0.09 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

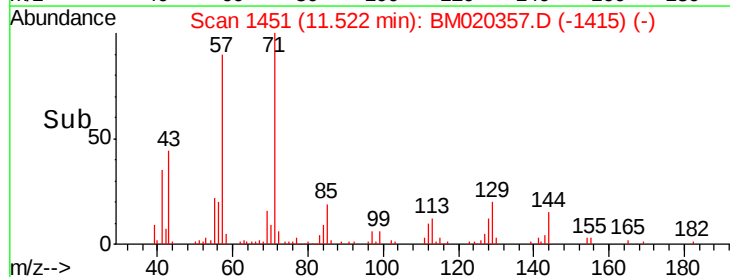
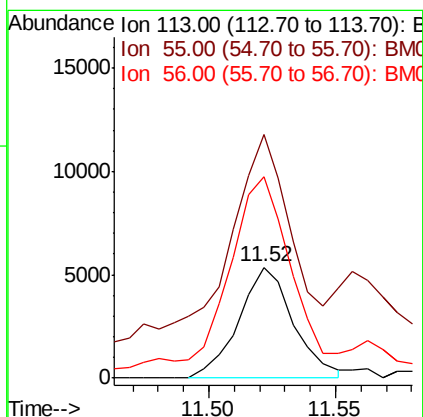
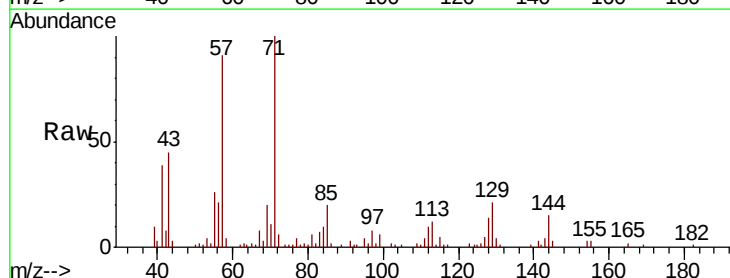
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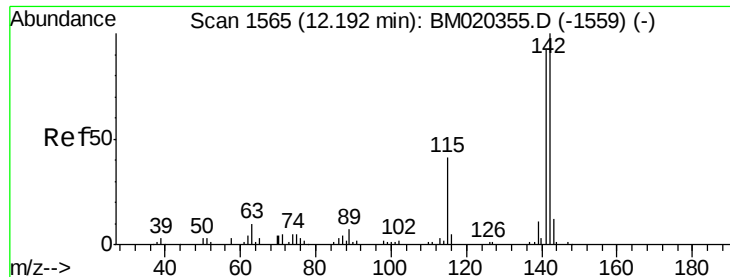
Tgt Ion:127 Resp: 1807531
Ion Ratio Lower Upper
127 100
129 83.0 26.5 39.7#



#32
Caprolactam
Concen: 9.857 ng/ul
RT: 11.52 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:113 Resp: 8054
Ion Ratio Lower Upper
113 100
55 219.7 104.6 156.8#
56 182.0 88.4 132.6#

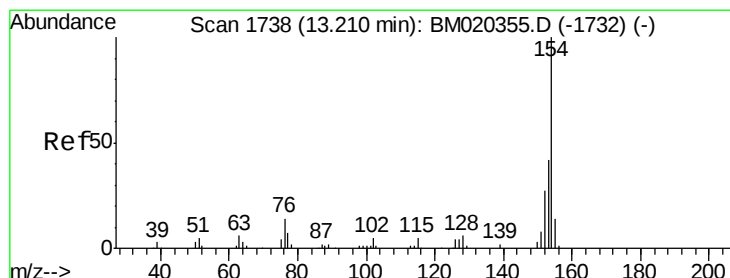
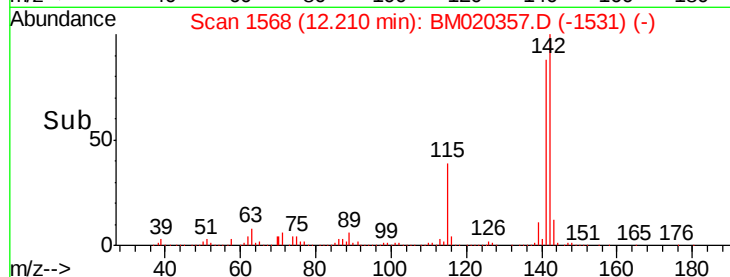
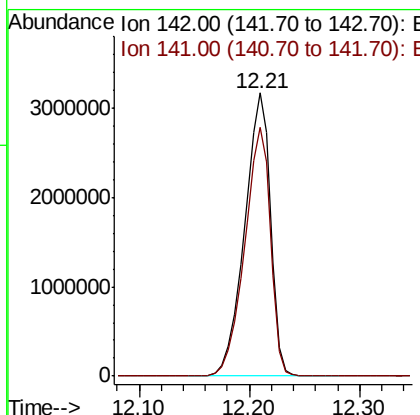
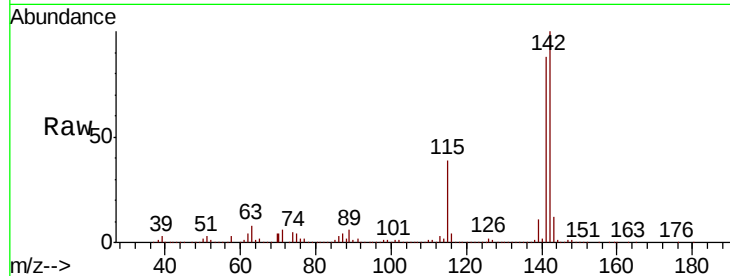




#34
 2-Methylnaphthalene
 Concen: 808.529 ng/ul
 RT: 12.21 min Scan# 1568
 Delta R.T. 0.02 min
 Lab File: BM020357.D
 Acq: 17 May 2019 10:21

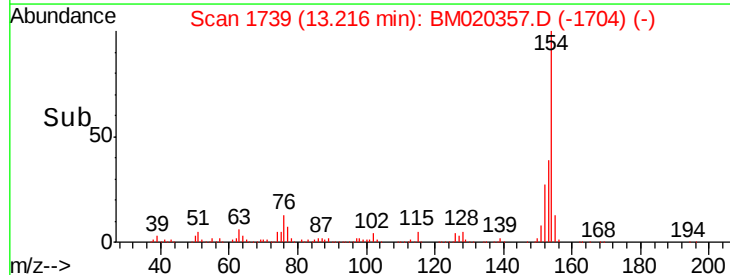
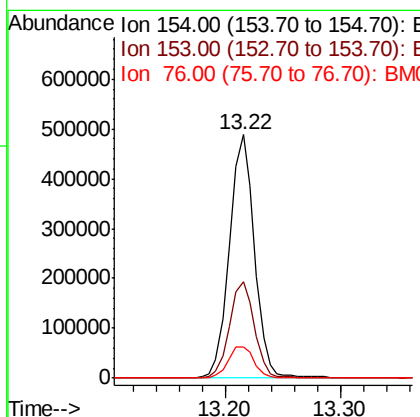
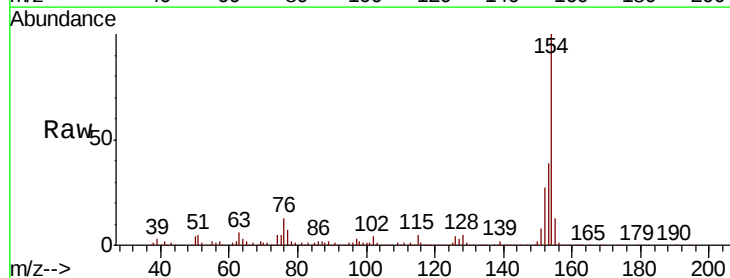
Instrument :
 BNA_M
 ClientSampleId :
 GAJ75ME

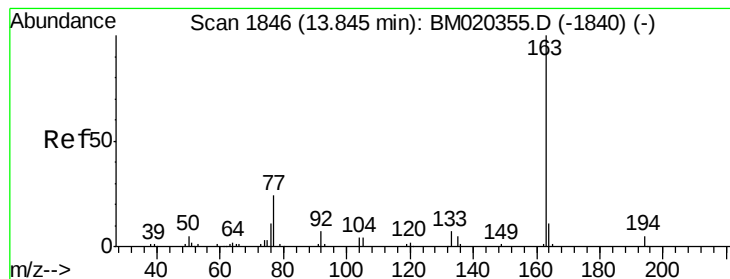
Tgt Ion:142 Resp: 5216235
 Ion Ratio Lower Upper
 142 100
 141 87.7 68.6 102.8



#40
 1,1'-Biphenyl
 Concen: 76.079 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. 0.01 min
 Lab File: BM020357.D
 Acq: 17 May 2019 10:21

Tgt Ion:154 Resp: 730423
 Ion Ratio Lower Upper
 154 100
 153 39.5 32.2 48.4
 76 13.0 11.0 16.4





#44

Dimethylphthalate

Concen: 4.360 ng/ul

RT: 13.84 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

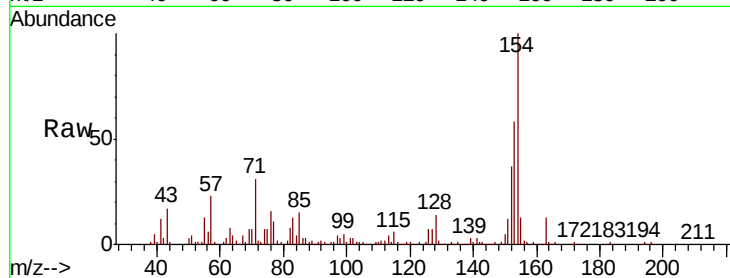
Tgt Ion:163 Resp: 41618

Ion Ratio Lower Upper

163 100

194 5.1 3.3 4.9#

164 11.6 8.0 12.0

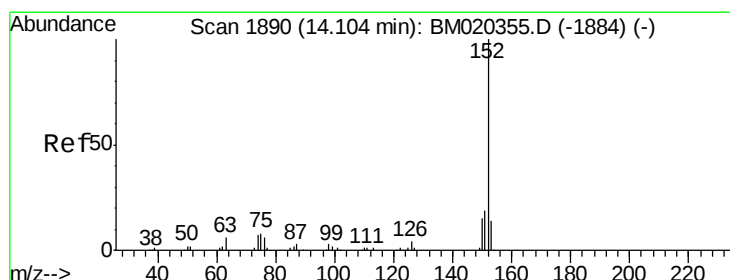
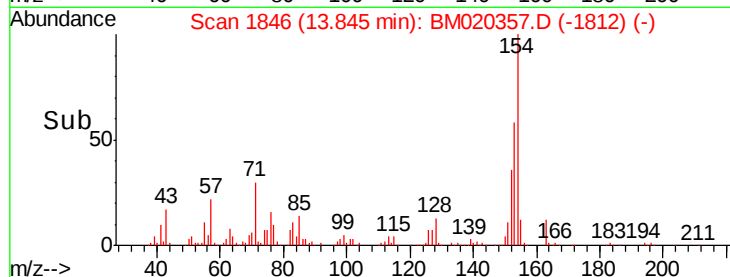
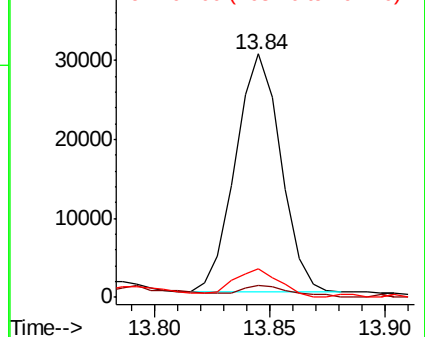


Abundance

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



#47

Acenaphthylene

Concen: 265.203 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

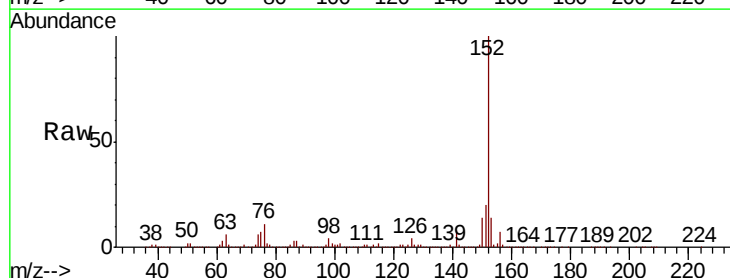
Tgt Ion:152 Resp: 3018353

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0

153 13.9 10.3 15.5

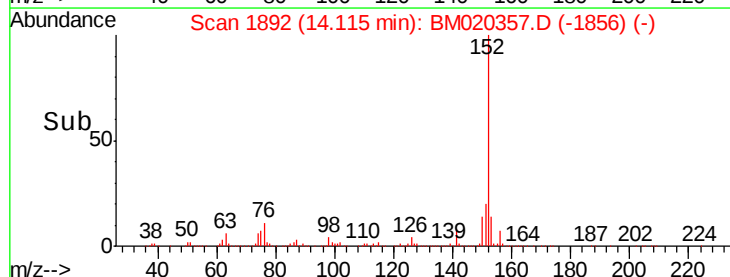
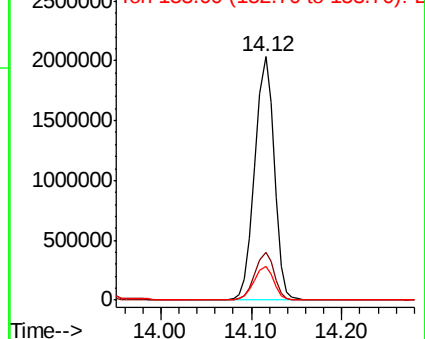


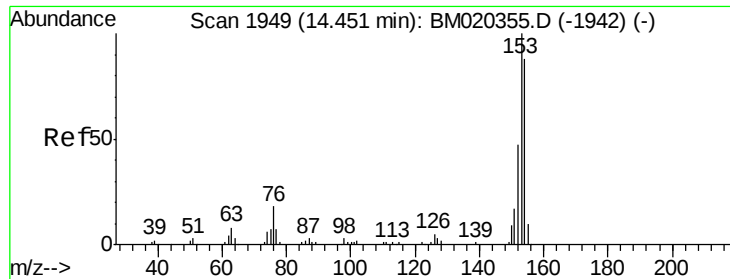
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 45.981 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

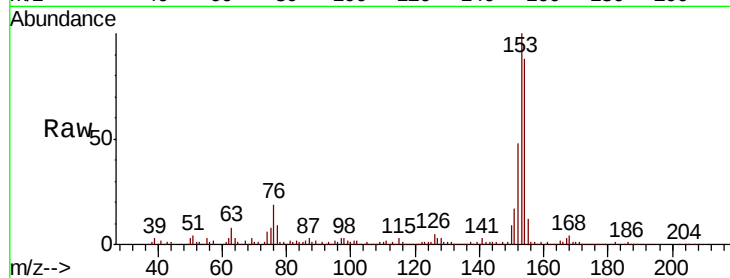
Tgt Ion:153 Resp: 359773

Ion Ratio Lower Upper

153 100

152 48.2 37.9 56.9

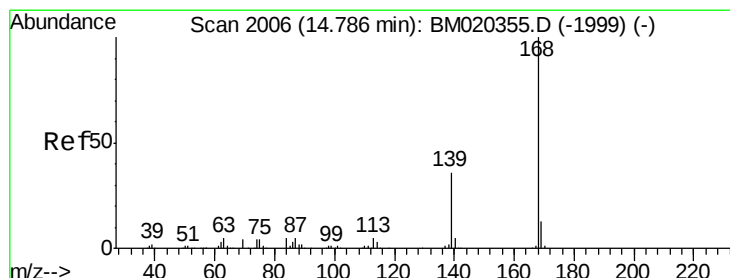
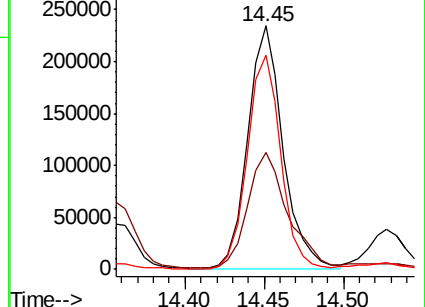
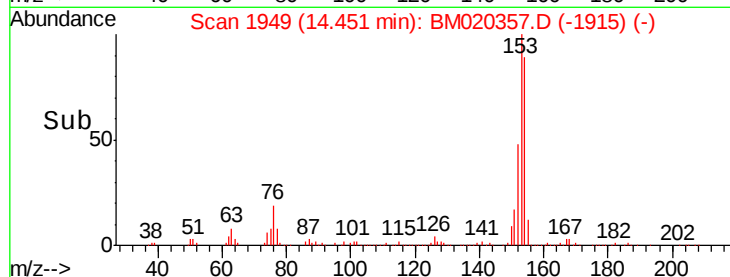
154 88.2 71.2 106.8



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



#53

Dibenzofuran

Concen: 91.368 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BM020357.D

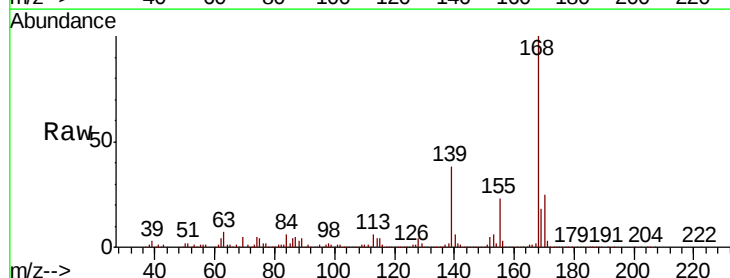
Acq: 17 May 2019 10:21

Tgt Ion:168 Resp: 1082589

Ion Ratio Lower Upper

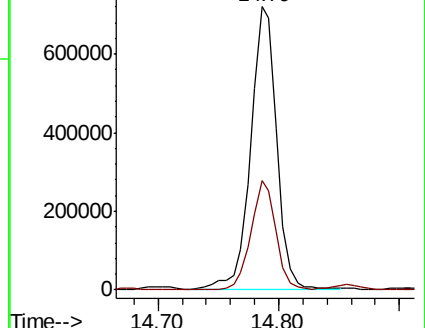
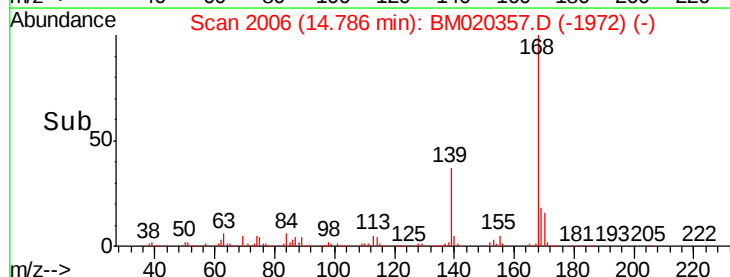
168 100

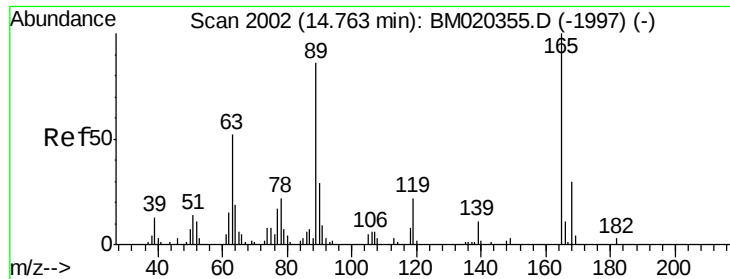
139 38.5 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

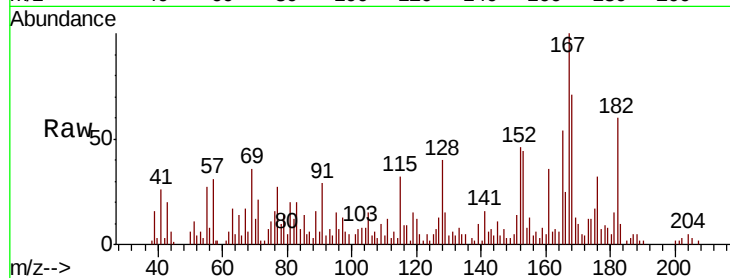




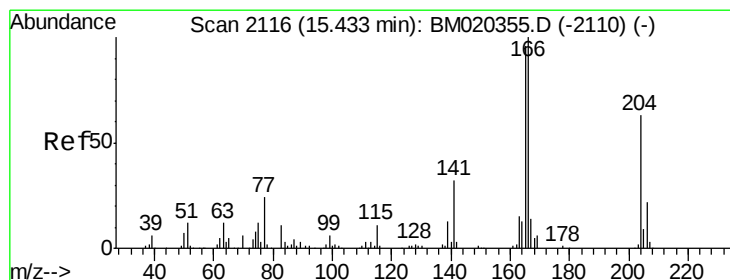
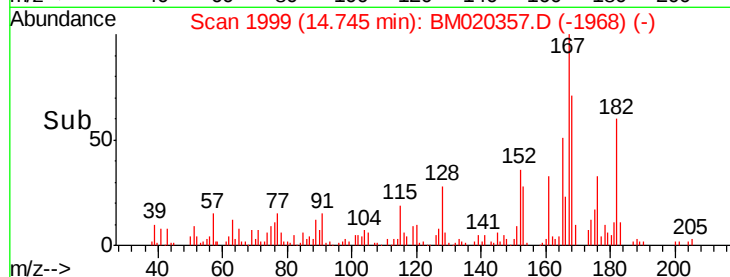
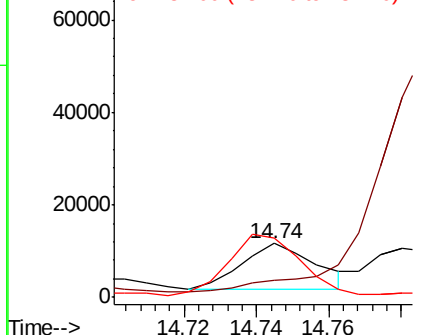
#54
 2,4-Dinitrotoluene
 Concen: 5.460 ng/ul
 RT: 14.74 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BM020357.D
 Acq: 17 May 2019 10:21

Instrument :
 BNA_M
 ClientSampleId :
 GAJ75ME

Tgt Ion:165 Resp: 13922
 Ion Ratio Lower Upper
 165 100
 63 31.2 43.2 64.8#
 182 110.8 2.6 4.0#

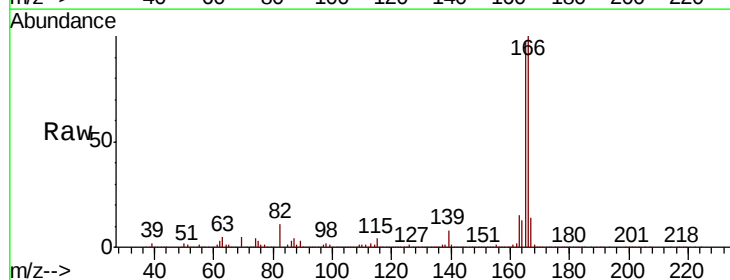


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 182.00 (181.70 to 182.70): E

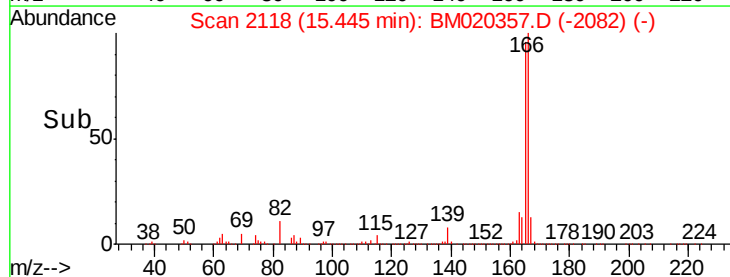
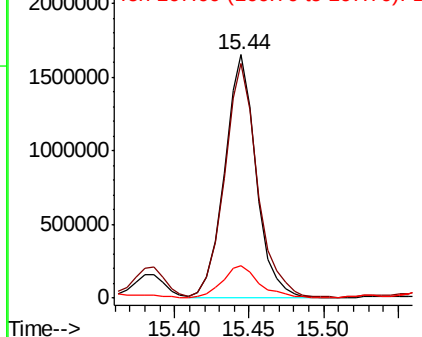


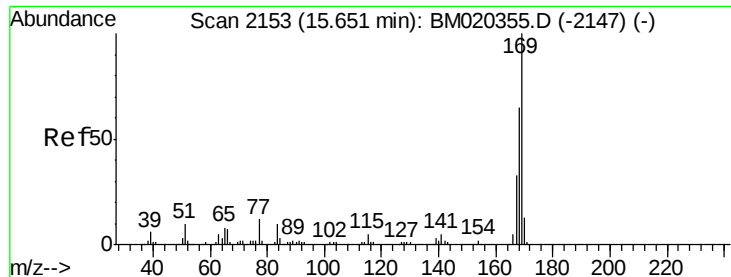
#58
 Fluorene
 Concen: 256.208 ng/ul
 RT: 15.44 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: BM020357.D
 Acq: 17 May 2019 10:21

Tgt Ion:166 Resp: 2431899
 Ion Ratio Lower Upper
 166 100
 165 96.6 77.1 115.7
 167 13.6 11.1 16.7



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





#64

N-Nitrosodiphenylamine

Concen: 5.064 ng/ul

RT: 15.64 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

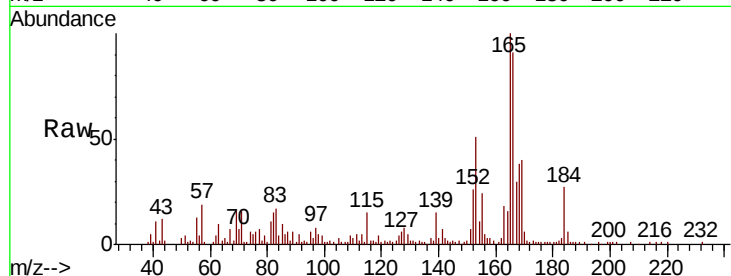
Tgt Ion:169 Resp: 37643

Ion Ratio Lower Upper

169 100

168 96.3 53.2 79.8#

167 75.7 28.2 42.2#

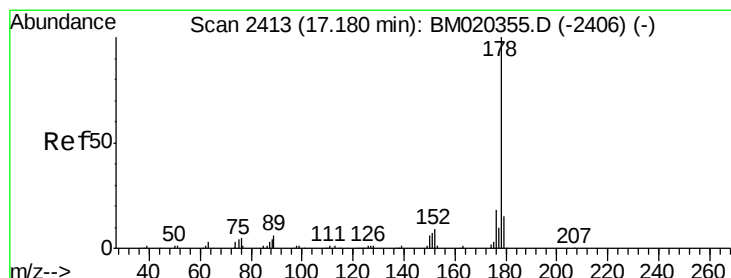
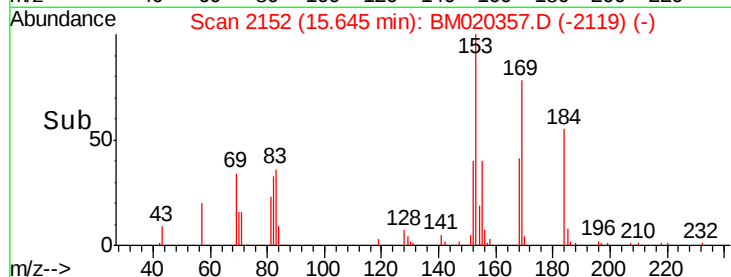
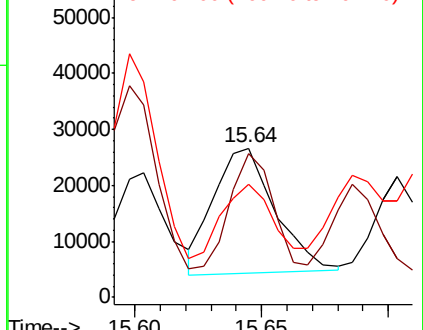


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 877.689 ng/ul

RT: 17.20 min Scan# 2417

Delta R.T. 0.02 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

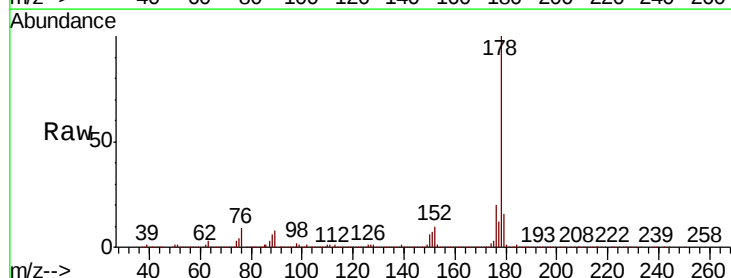
Tgt Ion:178 Resp:12563330

Ion Ratio Lower Upper

178 100

179 16.2 11.9 17.9

176 19.6 14.6 22.0

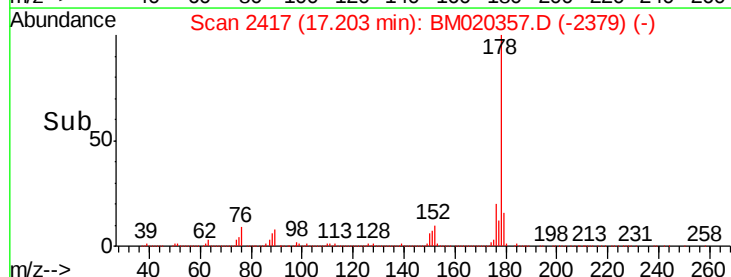
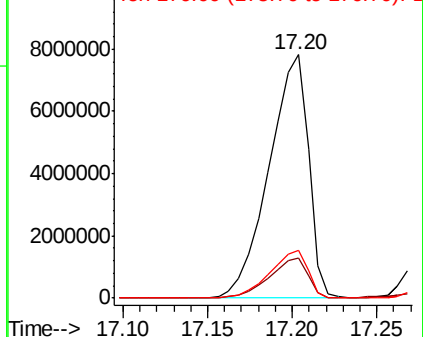


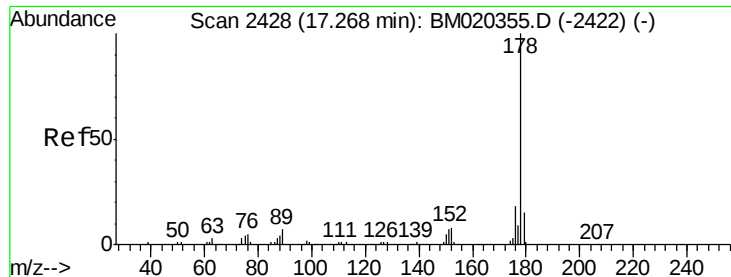
Abundance

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

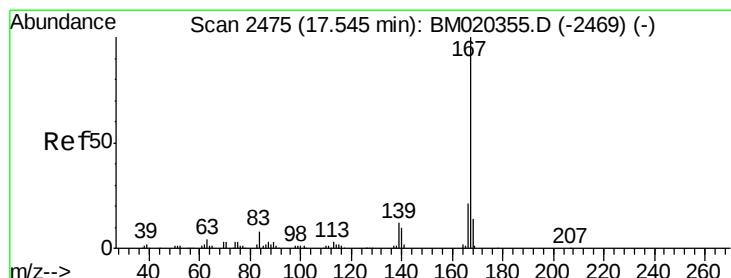
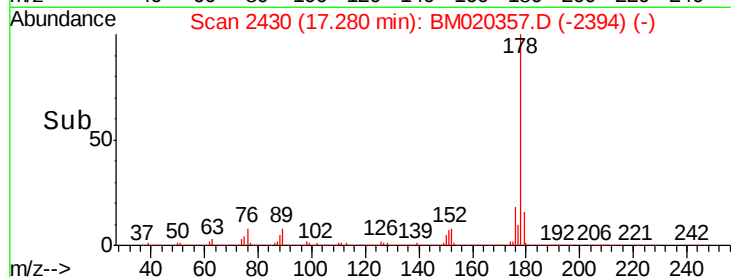
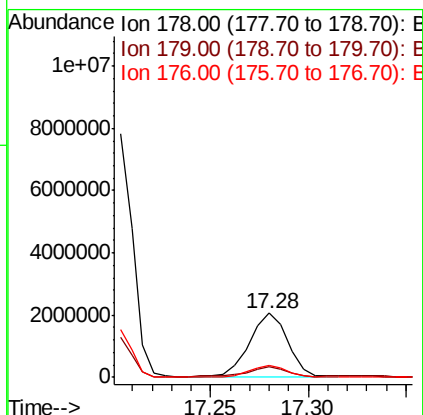
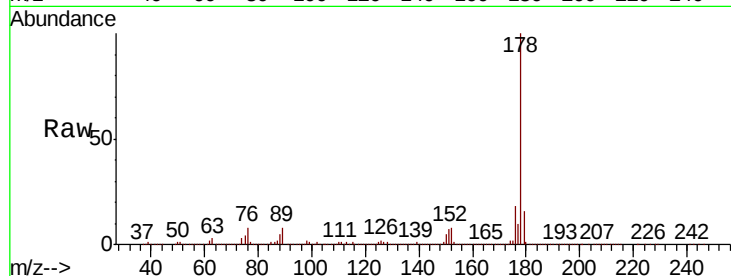




#71
 Anthracene
 Concen: 188.247 ng/ul
 RT: 17.28 min Scan# 2430
 Delta R.T. 0.01 min
 Lab File: BM020357.D
 Acq: 17 May 2019 10:21

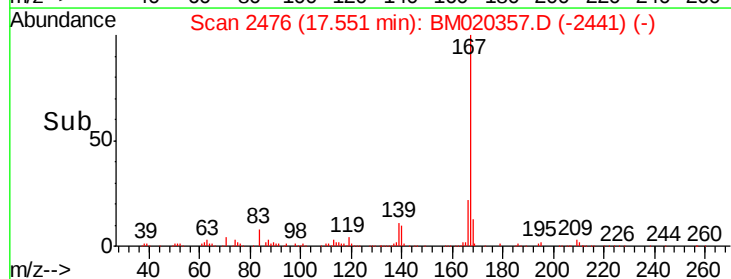
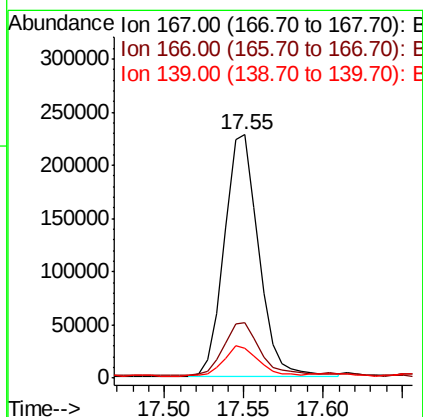
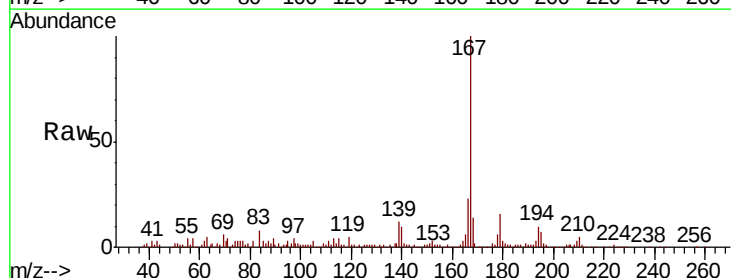
Instrument :
 BNA_M
 ClientSampleId :
 GAJ75ME

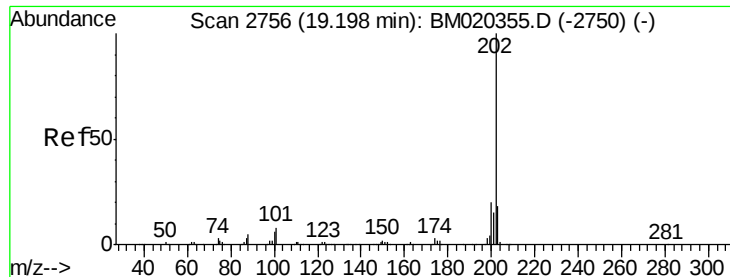
Tgt Ion:178 Resp: 2740988
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 17.8 14.4 21.6



#74
 Carbazole
 Concen: 27.749 ng/ul
 RT: 17.55 min Scan# 2476
 Delta R.T. 0.01 min
 Lab File: BM020357.D
 Acq: 17 May 2019 10:21

Tgt Ion:167 Resp: 342953
 Ion Ratio Lower Upper
 167 100
 166 23.0 16.6 24.8
 139 12.4 9.8 14.8





#76

Fluoranthene

Concen: 314.777 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. 0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

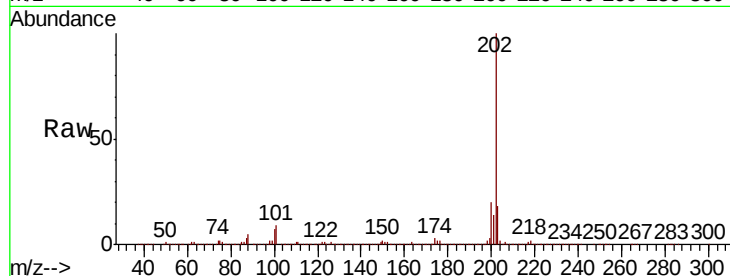
Tgt Ion:202 Resp: 5691666

Ion Ratio Lower Upper

202 100

101 9.0 6.4 9.6

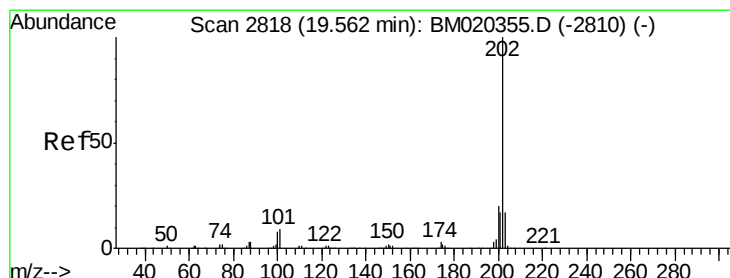
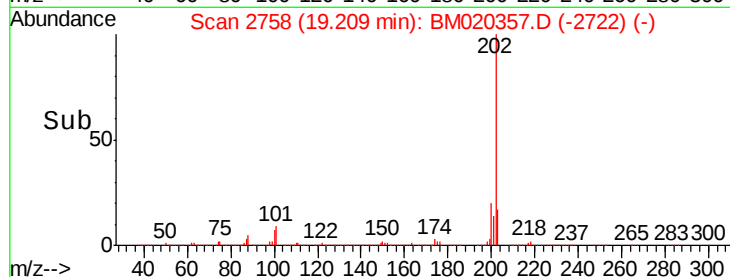
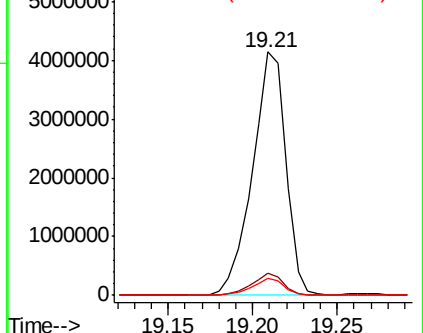
100 7.1 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 327.313 ng/ul

RT: 19.58 min Scan# 2821

Delta R.T. 0.02 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

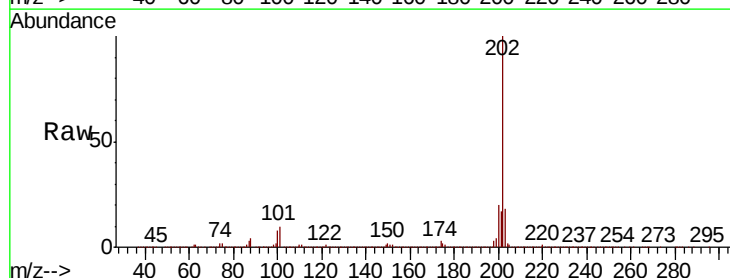
Tgt Ion:202 Resp: 6384367

Ion Ratio Lower Upper

202 100

101 10.1 7.1 10.7

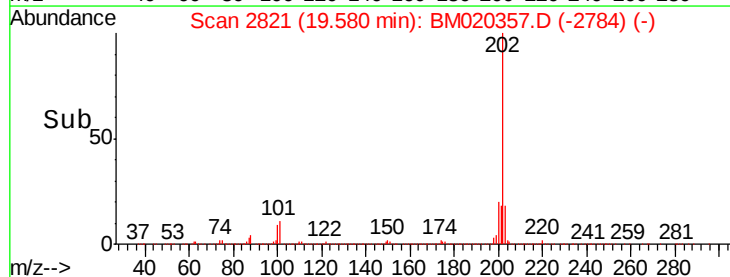
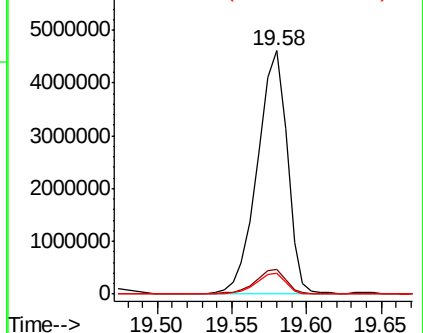
100 8.4 5.9 8.9

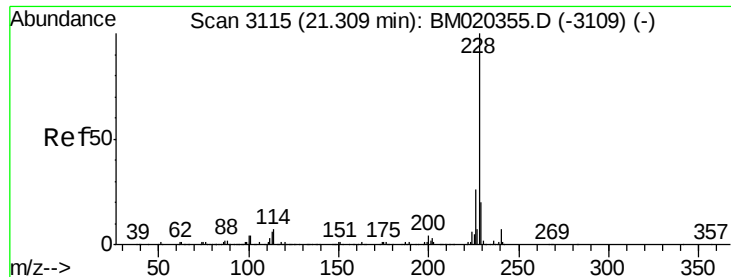


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

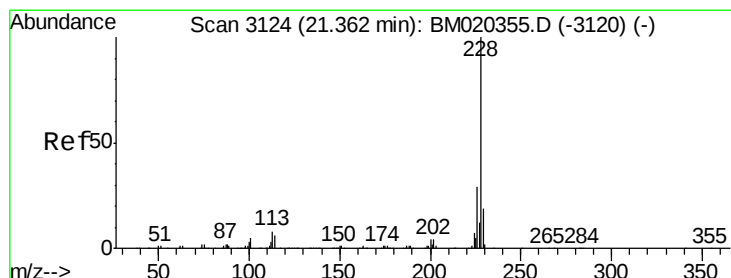
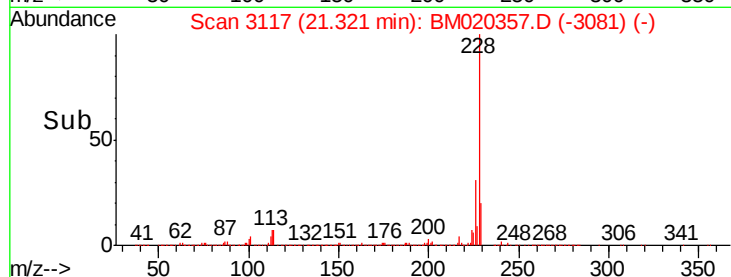
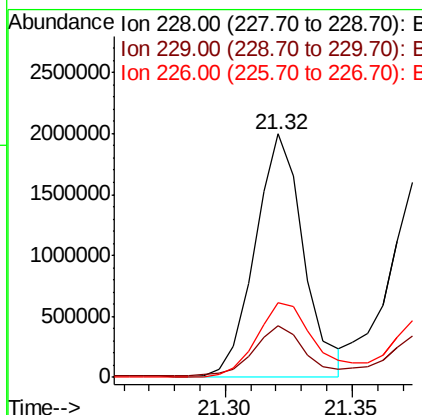
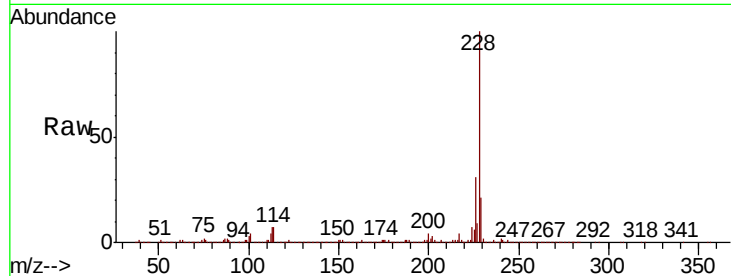




#82
Benzo(a)anthracene
Concen: 135.771 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

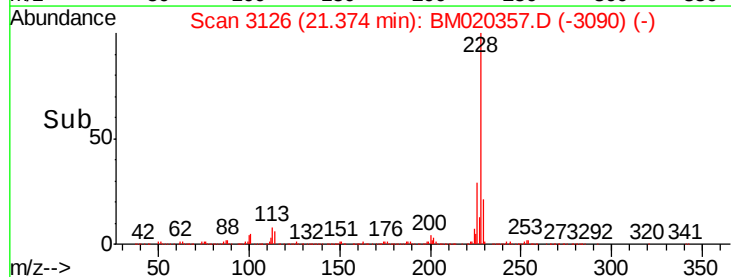
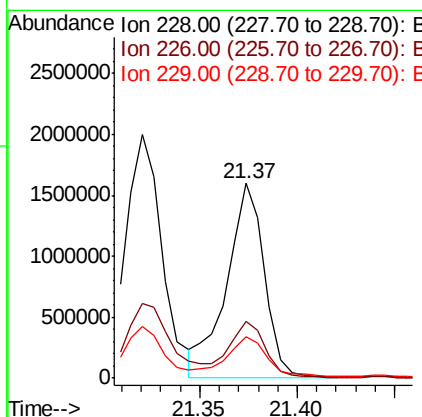
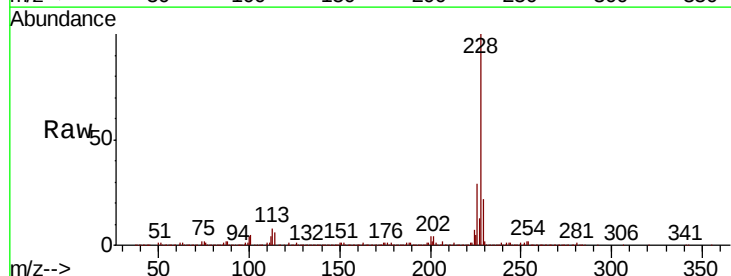
Instrument :
BNA_M
ClientSampleId :
GAJ75ME

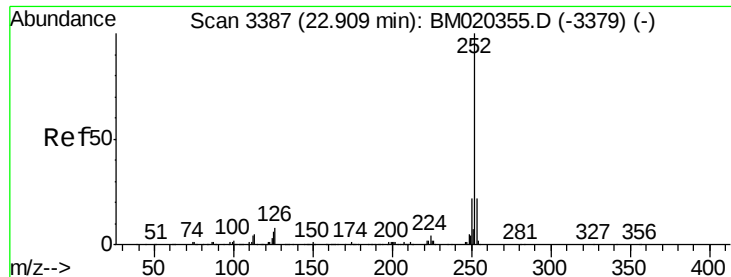
Tgt Ion:228 Resp: 2655589
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 30.8 20.6 30.8



#84
Chrysene
Concen: 113.751 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:228 Resp: 2126222
Ion Ratio Lower Upper
228 100
226 29.0 22.2 33.4
229 21.5 15.4 23.2





#87

Benzo(b)fluoranthene

Concen: 85.580 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. 0.02 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

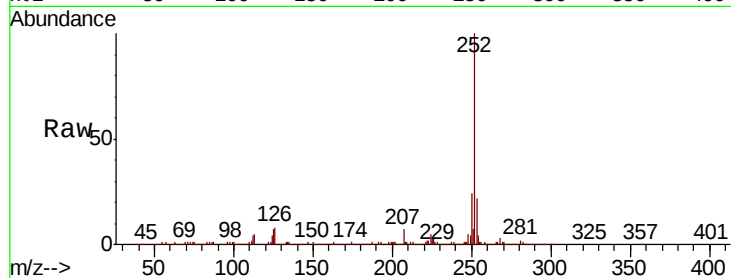
Tgt Ion:252 Resp: 1824765

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

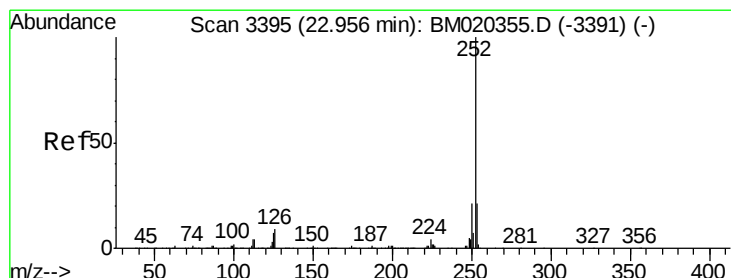
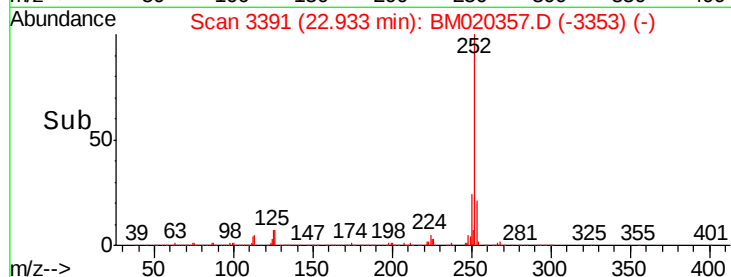
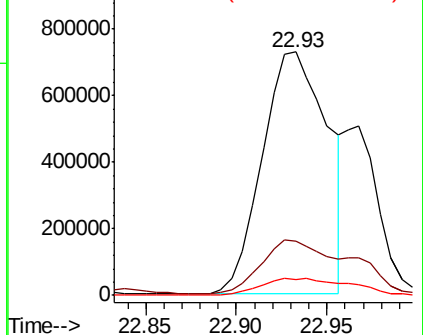
125 6.7 5.0 7.4



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



#88

Benzo(k)fluoranthene

Concen: 87.128 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

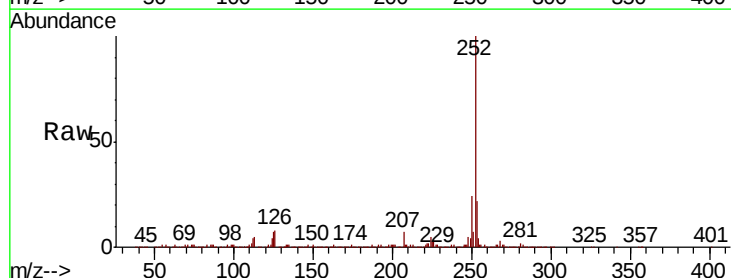
Tgt Ion:252 Resp: 1824765

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

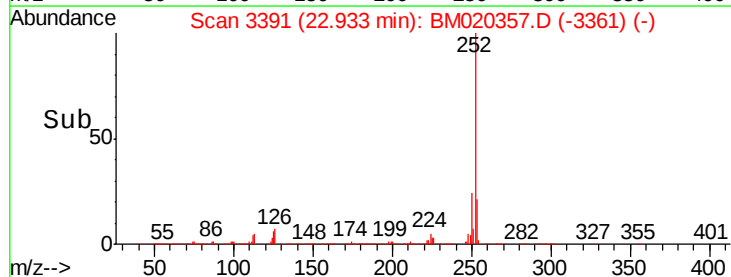
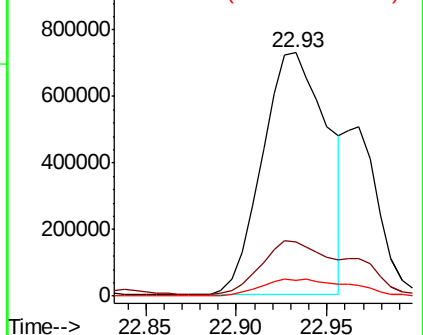
125 6.7 5.0 7.6

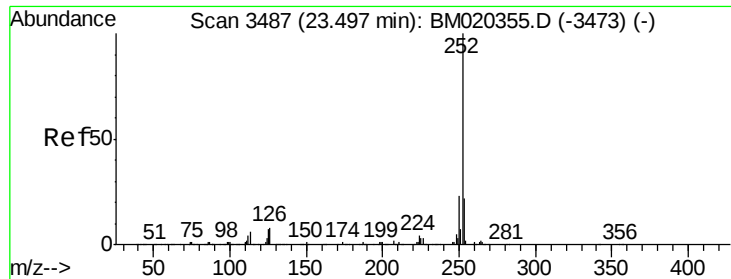


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 89.091 ng/ul

RT: 23.52 min Scan# 3491

Delta R.T. 0.02 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

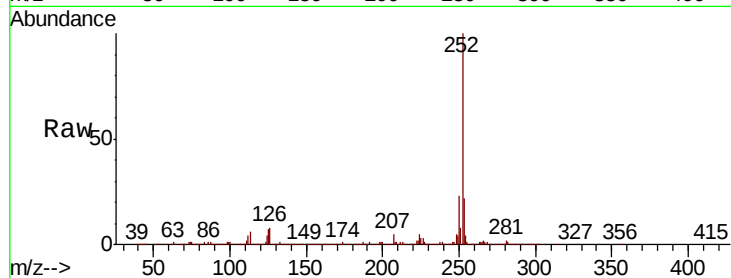
Tgt Ion:252 Resp: 1787704

Ion Ratio Lower Upper

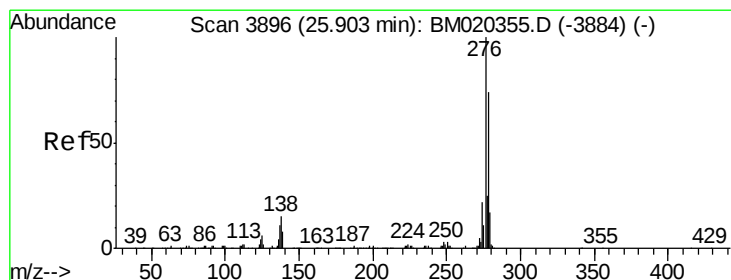
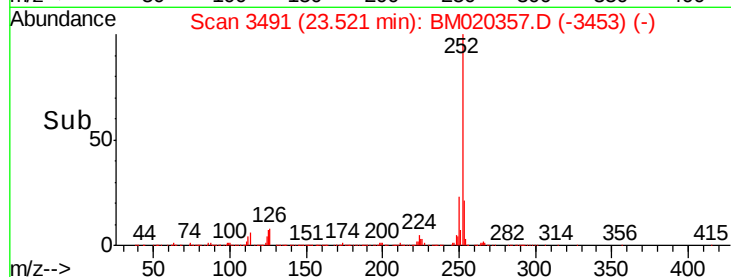
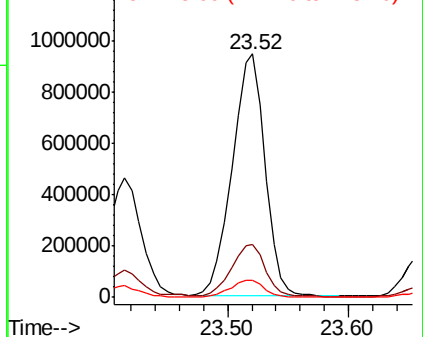
252 100

253 21.7 17.4 26.2

125 6.9 5.4 8.2



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 34.164 ng/ul

RT: 25.91 min Scan# 3898

Delta R.T. 0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

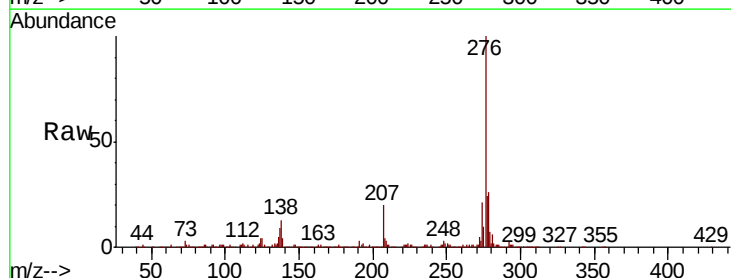
Tgt Ion:276 Resp: 781149

Ion Ratio Lower Upper

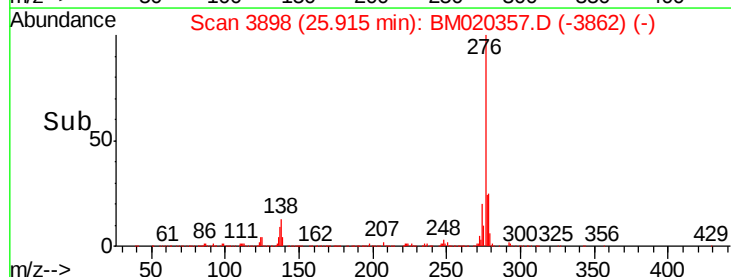
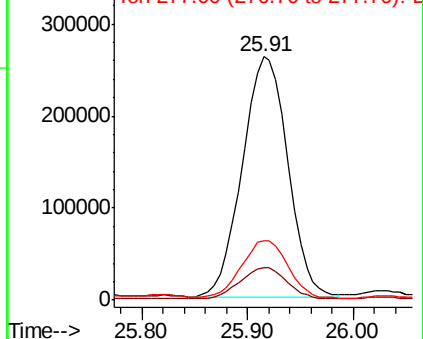
276 100

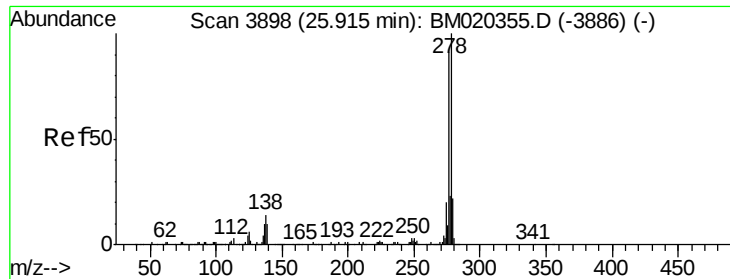
138 13.1 12.3 18.5

277 24.2 20.0 30.0



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





#92

Dibenzo(a,h)anthracene

Concen: 12.151 ng/ul

RT: 25.92 min Scan# 3899

Delta R.T. 0.01 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

Instrument :

BNA_M

ClientSampleId :

GAJ75ME

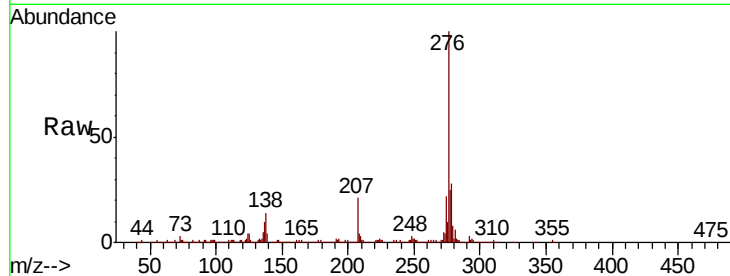
Tgt Ion:278 Resp: 237595

Ion Ratio Lower Upper

278 100

139 12.8 8.1 12.1#

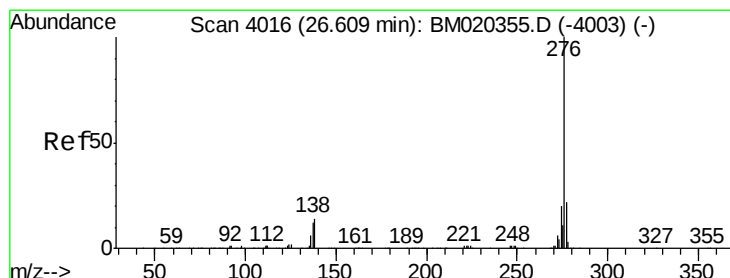
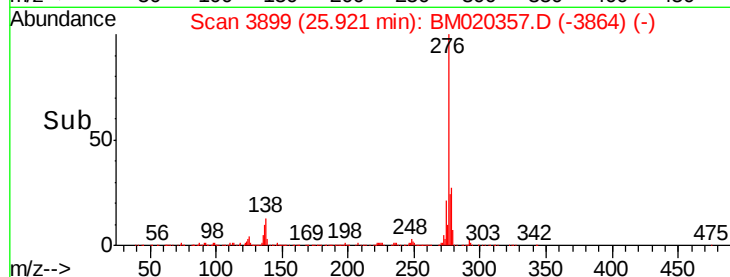
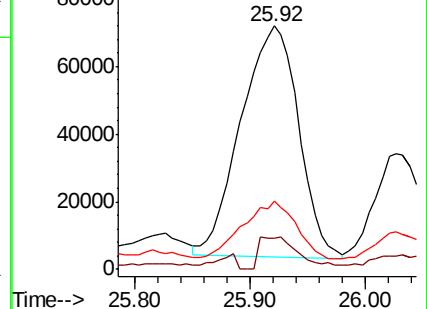
279 27.9 18.7 28.1



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



#93

Benzo(g,h,i)perylene

Concen: 36.148 ng/ul

RT: 26.63 min Scan# 4019

Delta R.T. 0.02 min

Lab File: BM020357.D

Acq: 17 May 2019 10:21

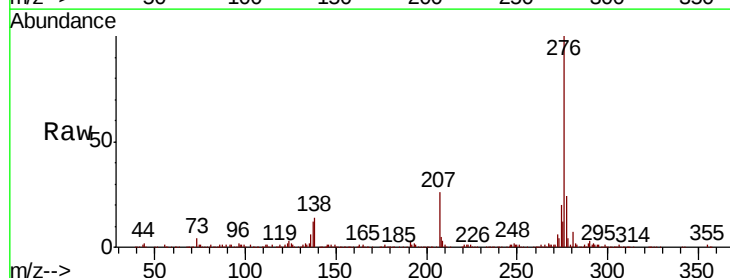
Tgt Ion:276 Resp: 684162

Ion Ratio Lower Upper

276 100

138 13.6 10.0 15.0

277 24.4 18.2 27.4



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

