

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013871.D
 Acq On : 27 Jan 2018 07:21
 Operator : SJ/JU
 Sample : J1222-07DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 20:53:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	148241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	559618	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	327311	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	715223	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	775463	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	775025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	1090	0.29	ng/uL	0.00
5) Phenol-d5	6.79	99	20176	1.77	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	15247	2.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	17292	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	15188	1.74	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	9771	2.25	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	8808	1.92	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	17266	1.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	11976	1.56	ng/ul	0.03
43) Dimethylphthalate-d6	13.66	166	69044	2.56	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	79782	2.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	828	0.19	ng/ul	0.01
57) Fluorene-d10	15.23	176	60200	2.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	4832	1.12	ng/ul	0.01
70) Anthracene-d10	16.99	188	715223	20.53	ng/ul	-0.10
76) Pyrene-d10	19.39	212	109977	3.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	97475	2.74	ng/ul	0.00

Target Compounds

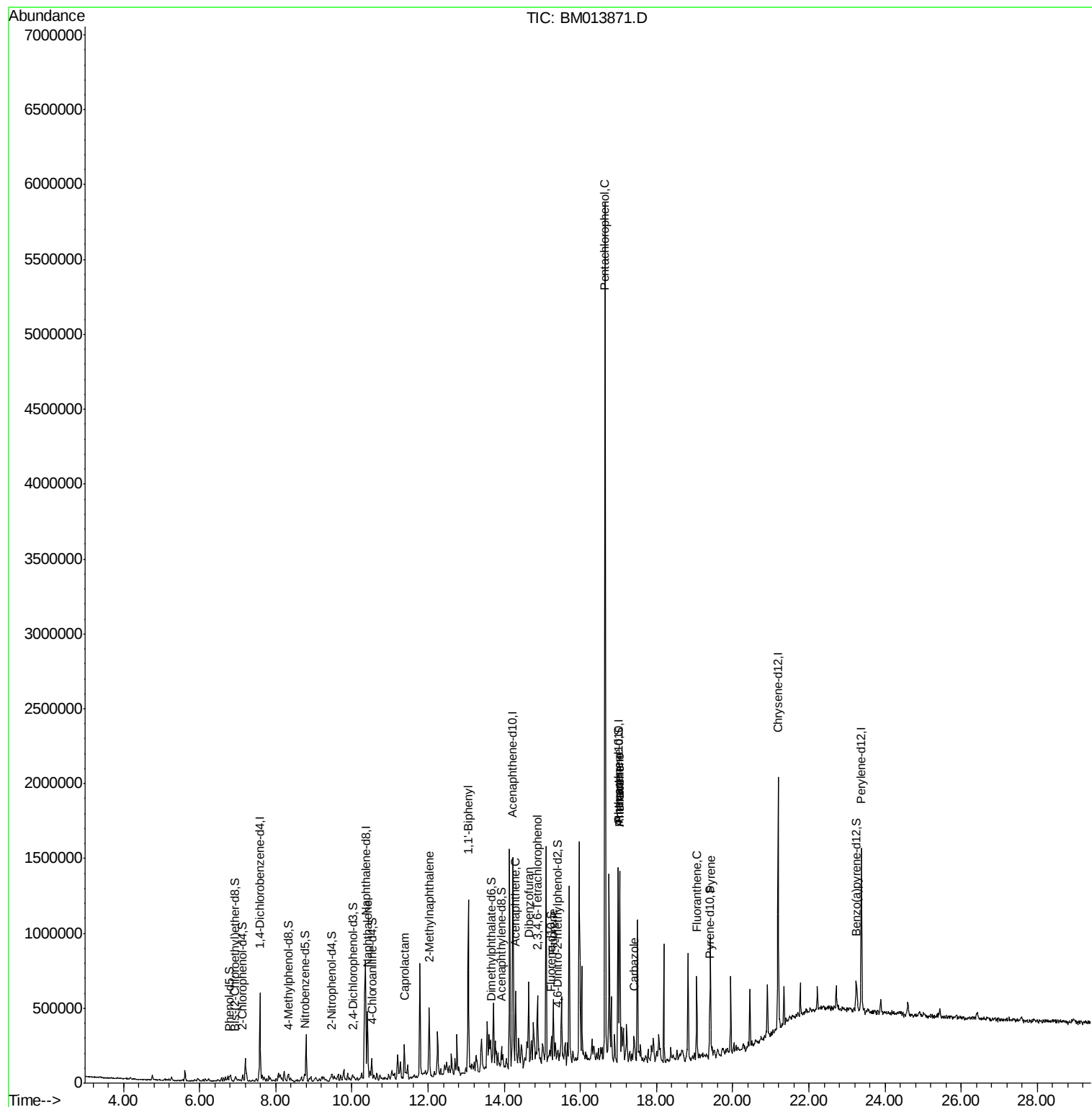
					Ovalue	
28) Naphthalene	10.40	128	342420	12.299	ng/ul	98
32) Caprolactam	11.38	113	8784	3.696	ng/ul	83
34) 2-Methylnaphthalene	12.03	142	206623	9.954	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	59201	2.173	ng/ul	94
49) Acenaphthene	14.30	153	180695	8.289	ng/ul	97
53) Dibenzofuran	14.64	168	175951	5.365	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.88	232	83781	12.194	ng/ul#	91
58) Fluorene	15.29	166	163491	6.086	ng/ul#	97
68) Pentachlorophenol	16.65	266	957359	198.131	ng/ul	98
69) Phenanthrene	17.03	178	714574	17.974	ng/ul	99
71) Anthracene	17.03	178	714574	17.426	ng/ul	99
72) Carbazole	17.40	167	47687	1.409	ng/ul	99
74) Fluoranthene	19.06	202	299153	6.304	ng/ul#	94
77) Pyrene	19.42	202	213362	4.526	ng/ul#	93

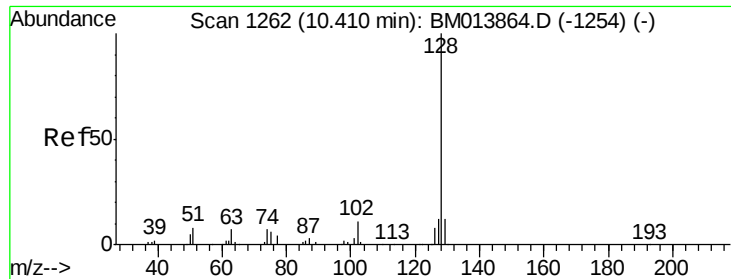
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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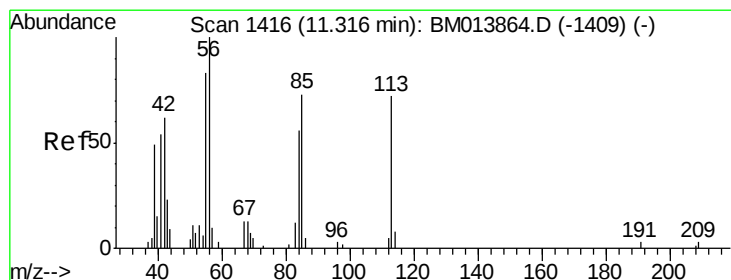
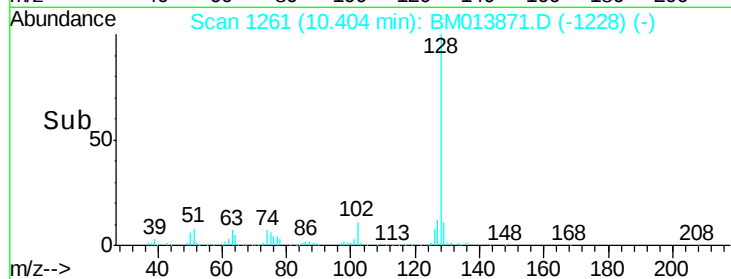
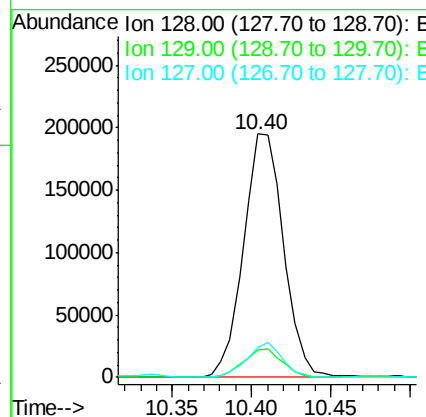
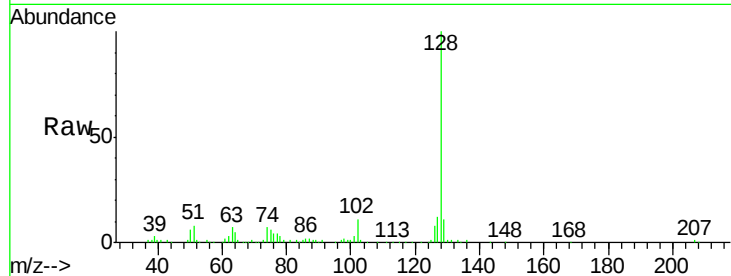




#28
Naphthalene
Concen: 12.299 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

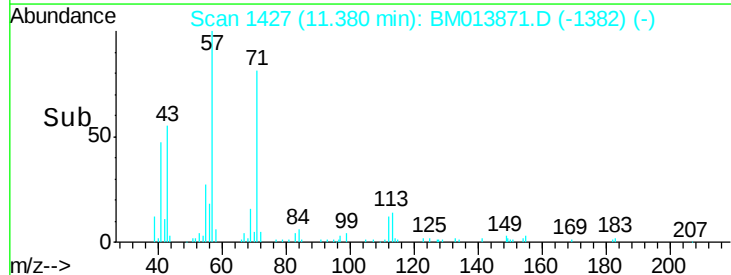
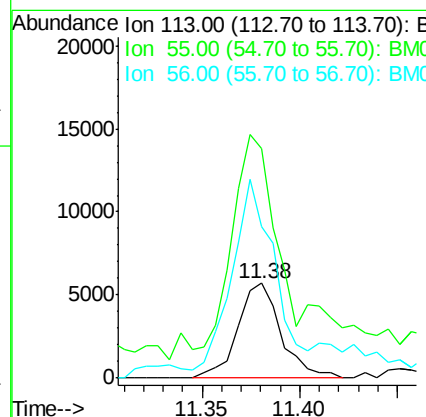
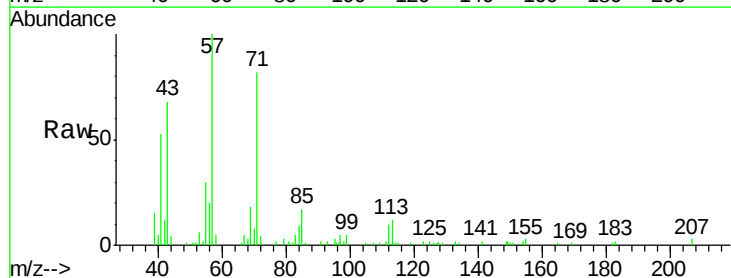
Instrument :
BNA_M
ClientSampleId :

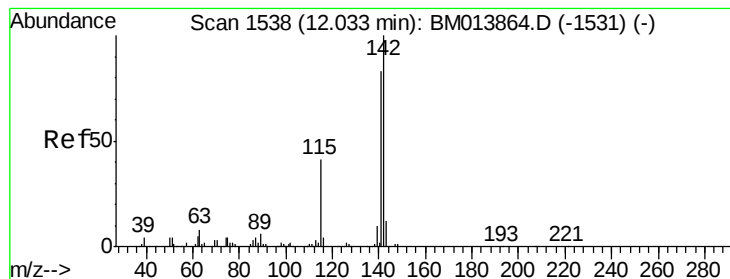
Tot Ion:128 Resp: 342420
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.3 10.6 16.0



#32
Caprolactam
Concen: 3.696 ng/ul
RT: 11.38 min Scan# 1427
Delta R.T. 0.06 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Tgt Ion:113 Resp: 8784
Ion Ratio Lower Upper
113 100
55 242.4 208.0 312.0
56 160.1 160.0 240.0





#34

2-Methylnaphthalene

Concen: 9.954 ng/ul

RT: 12.03 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Instrument :

BNA_M

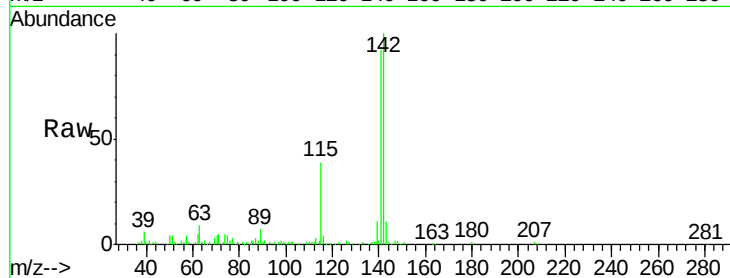
ClientSampled :

Tot Ion:142 Resp: 206623

Ion Ratio Lower Upper

142 100

141 92.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

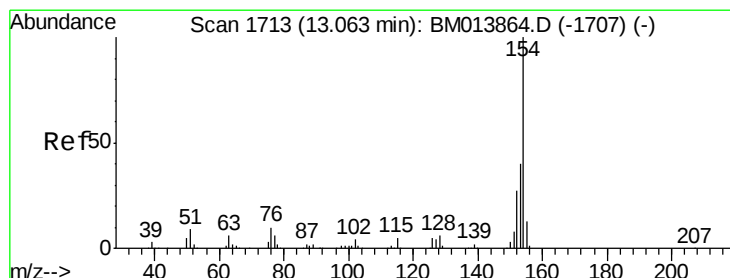
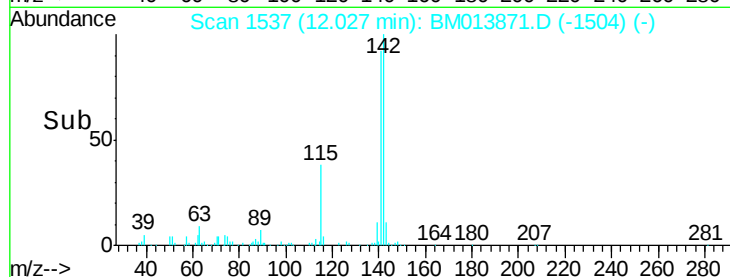
12.03

100000

50000

0

Time-->



#40

1,1'-Biphenyl

Concen: 2.173 ng/ul

RT: 13.06 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

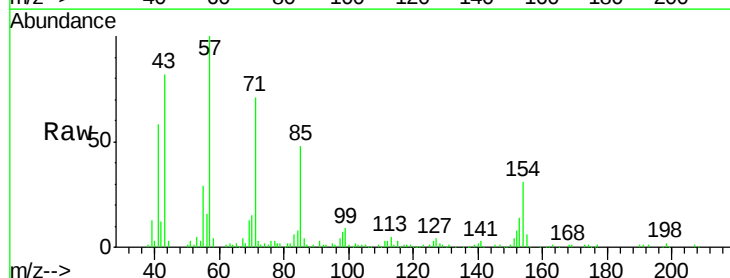
Tgt Ion:154 Resp: 59201

Ion Ratio Lower Upper

154 100

153 44.7 32.6 48.8

76 9.2 8.5 12.7



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

13.06

50000

40000

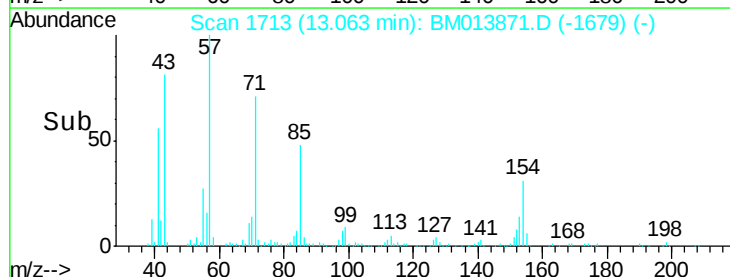
30000

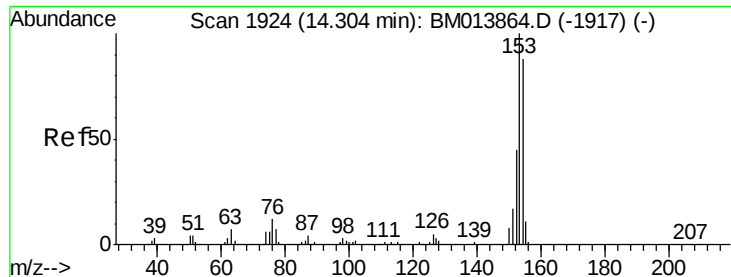
20000

10000

0

Time-->





#49

Acenaphthene

Concen: 8.289 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Instrument :

BNA_M

ClientSampleId :

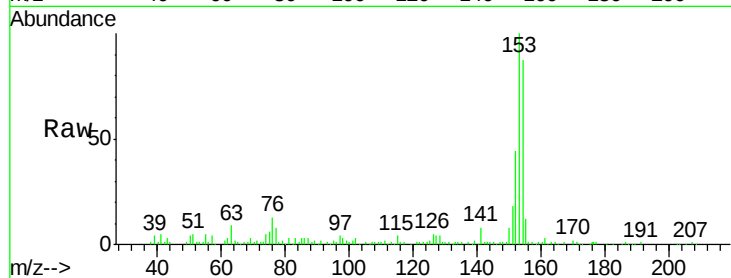
Tot Ion:153 Resp: 180695

Ion Ratio Lower Upper

153 100

152 44.1 37.6 56.4

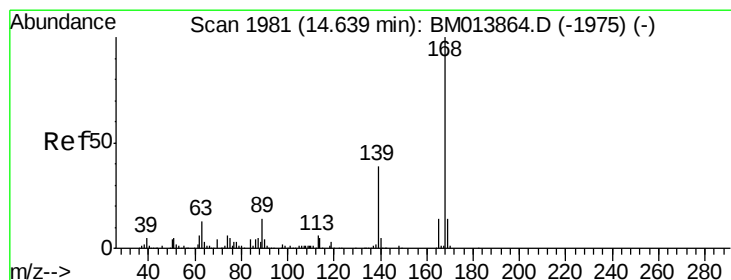
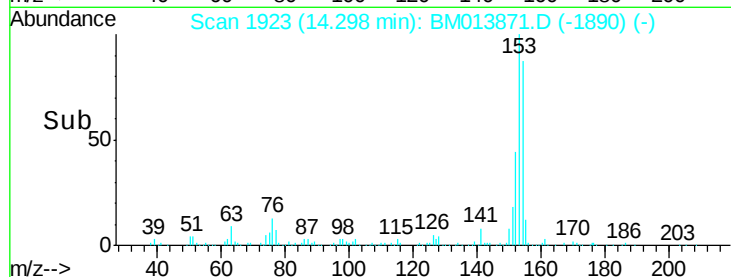
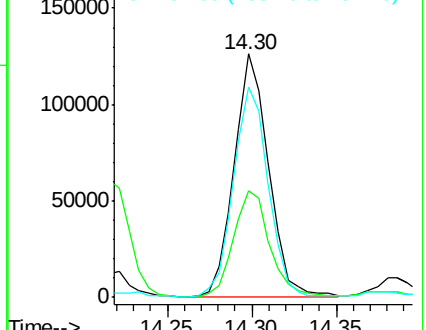
154 86.5 70.4 105.6



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: 5.365 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM013871.D

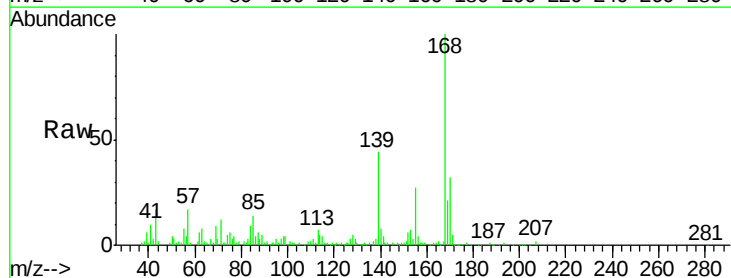
Acq: 27 Jan 2018 07:21

Tgt Ion:168 Resp: 175951

Ion Ratio Lower Upper

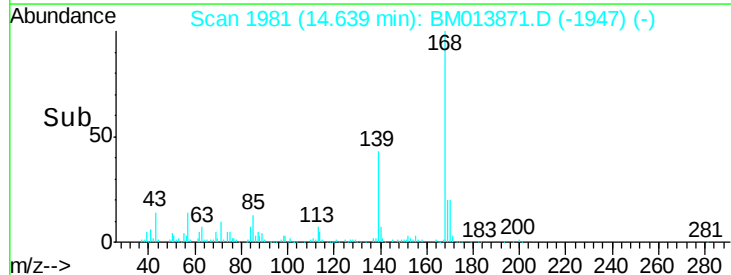
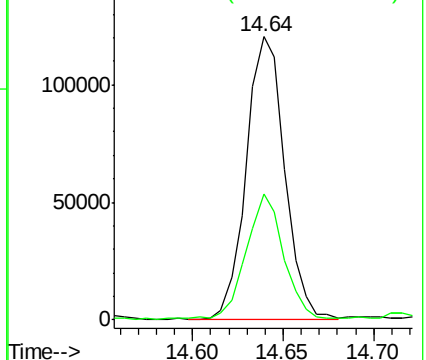
168 100

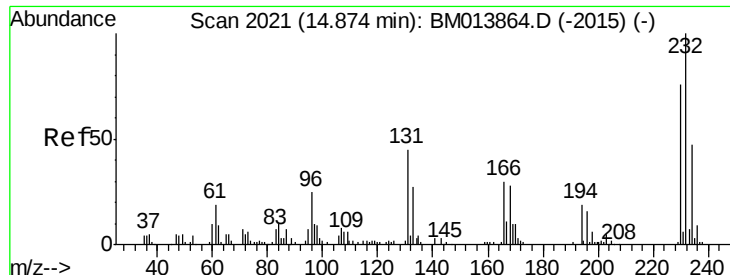
139 44.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

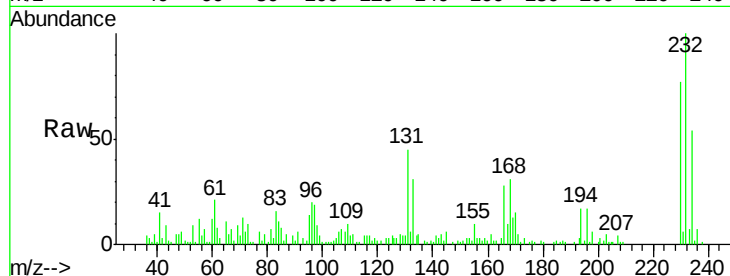




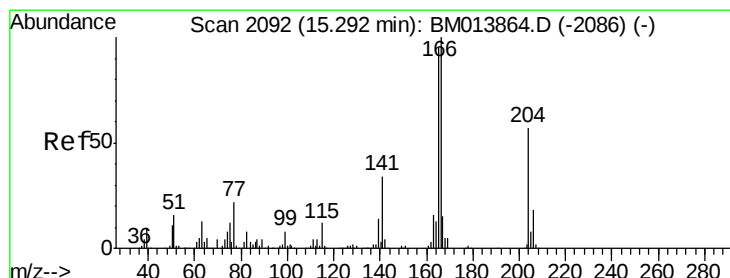
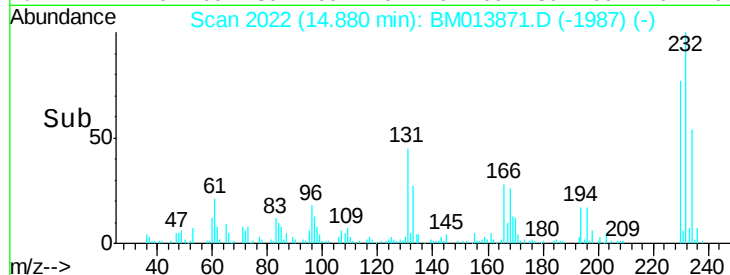
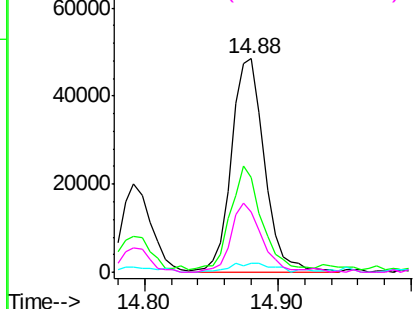
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 12.194 ng/ul
 RT: 14.88 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	29.0	43.4#
130	3.9	2.0	3.0#
166	28.5	21.4	32.2

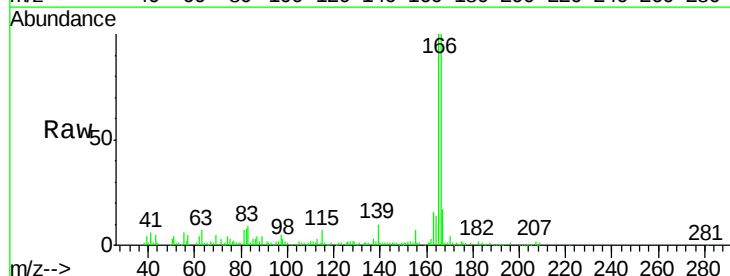


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

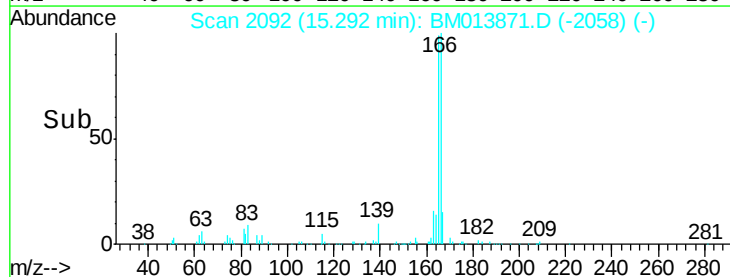
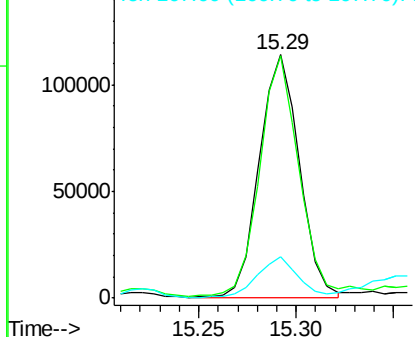


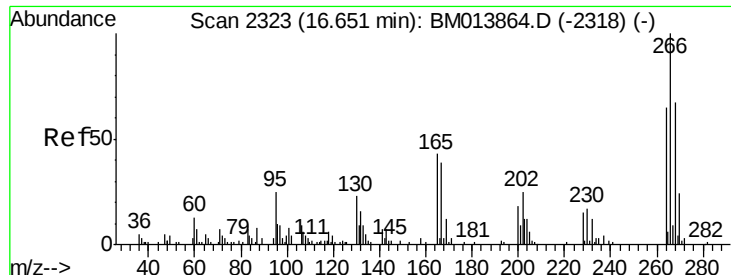
#58
 Fluorene
 Concen: 6.086 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	16.9	10.6	16.0#



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

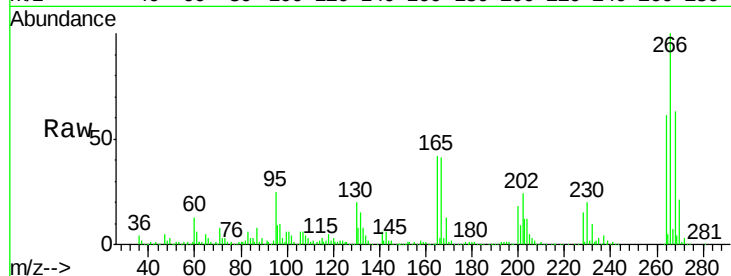




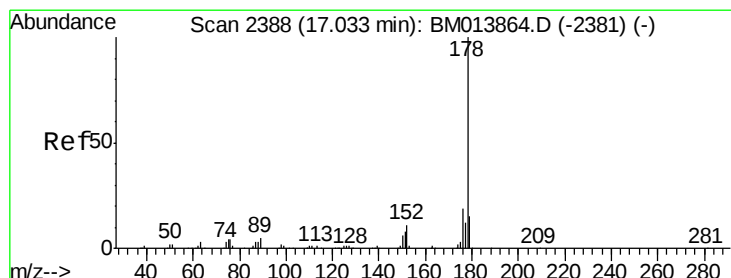
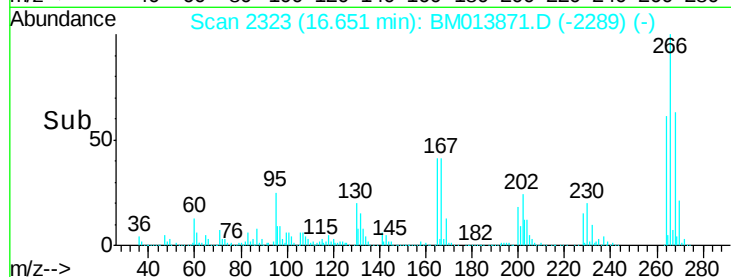
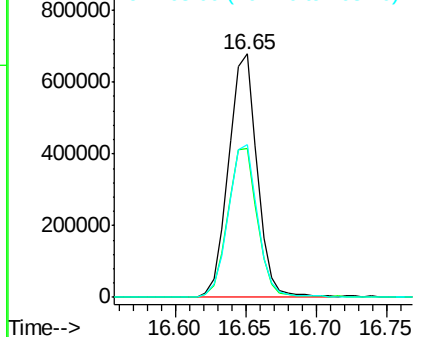
#68
 Pentachlorophenol
 Concen: 198.131 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 957359
 Ion Ratio Lower Upper
 266 100
 264 60.9 49.3 73.9
 268 62.8 52.6 78.8

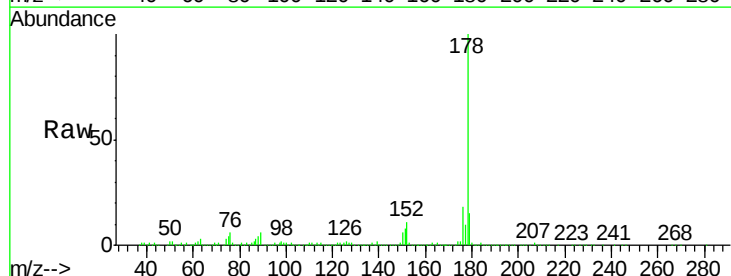


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

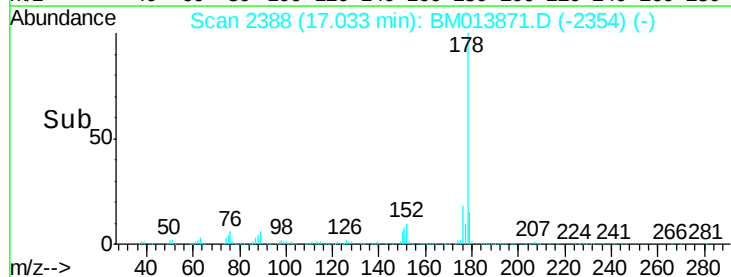
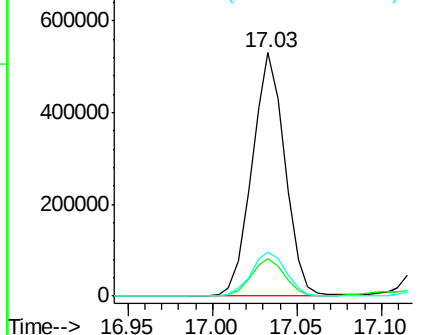


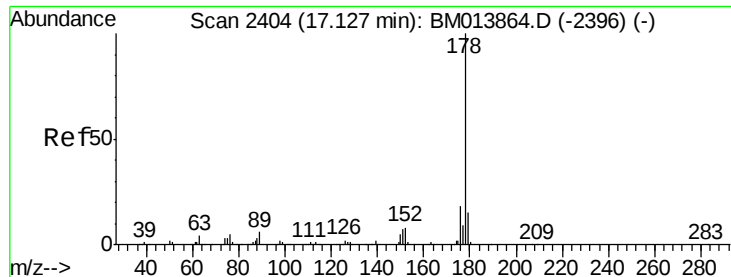
#69
 Phenanthrene
 Concen: 17.974 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Tgt Ion:178 Resp: 714574
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 18.1 14.9 22.3



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



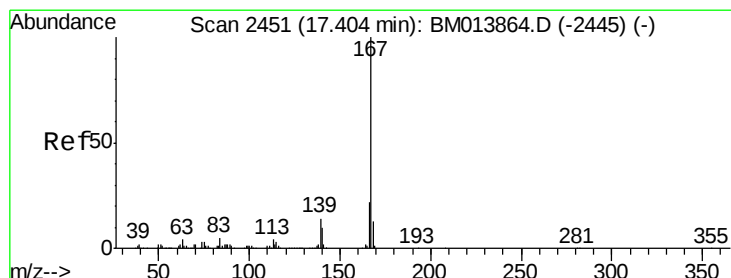
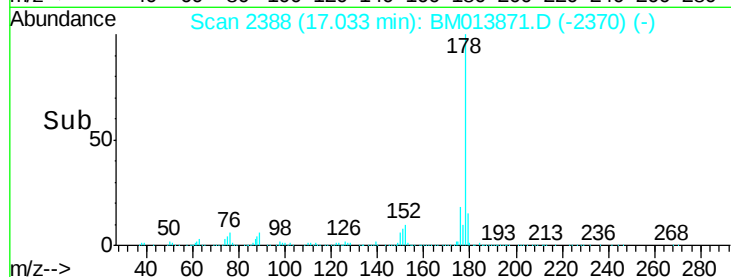
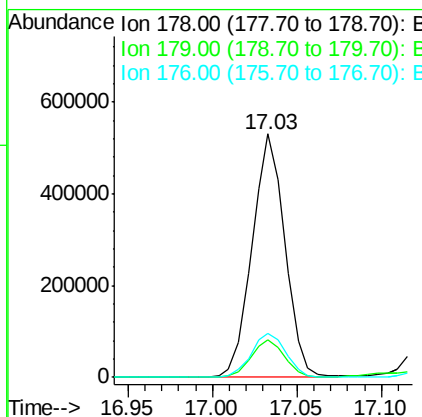
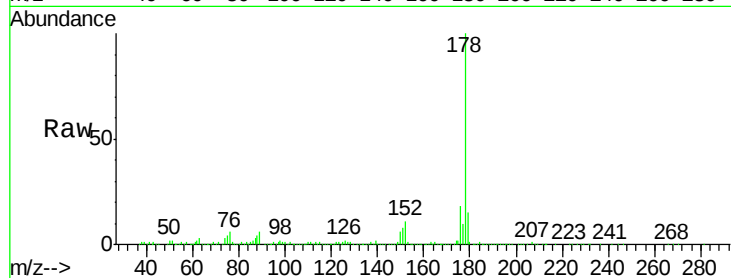


#71
 Anthracene
 Concen: 17.426 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.09 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 714574

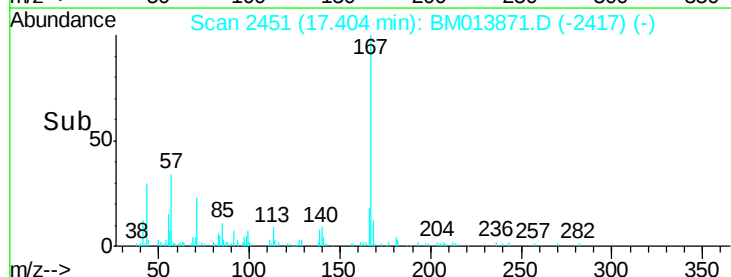
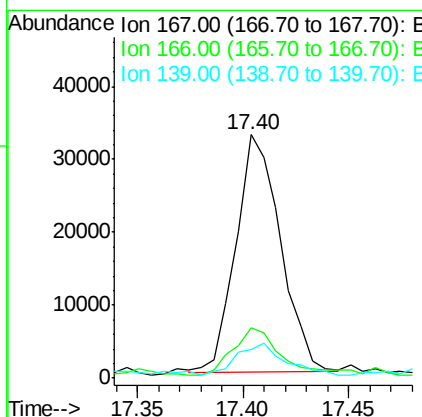
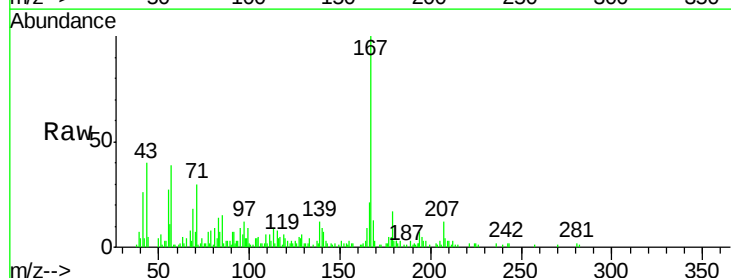
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.1	14.6	21.8

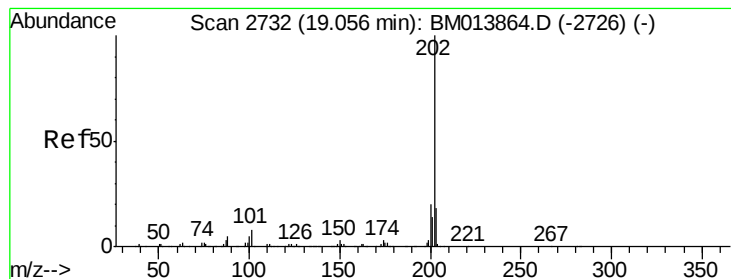


#72
 Carbazole
 Concen: 1.409 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Tgt Ion:167 Resp: 47687

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	11.7	10.0	15.0





#74

Fluoranthene

Concen: 6.304 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Instrument :

BNA_M

ClientSampleId :

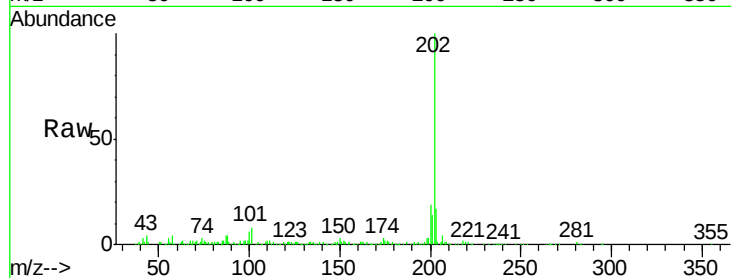
Tot Ion:202 Resp: 299153

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

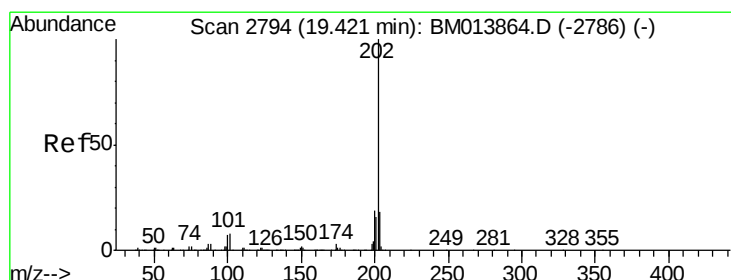
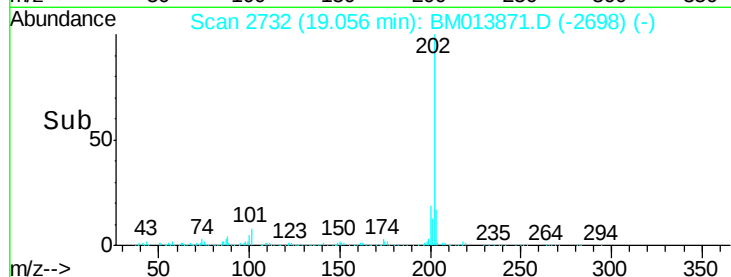
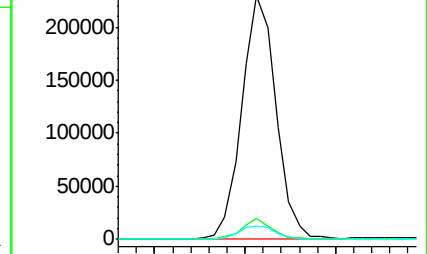
100 5.6 3.4 5.2#



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



#77

Pyrene

Concen: 4.526 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

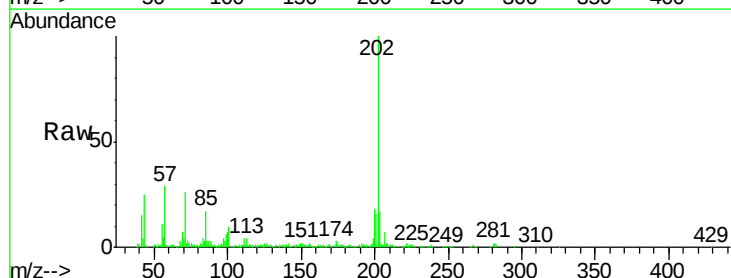
Tgt Ion:202 Resp: 213362

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

100 7.4 4.9 7.3#



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

