

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013870.D
 Acq On : 27 Jan 2018 06:46
 Operator : SJ/JU
 Sample : J1222-12DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 20:53:42 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	152961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	563193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	313249	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	657279	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	711915	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	718451	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	942	0.24	ng/uL	0.00
5) Phenol-d5	6.78	99	15892	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	10234	1.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	14410	1.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	9975	1.11	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	7096	1.62	ng/ul	0.02
22) 2-Nitrophenol-d4	9.47	143	4234	0.92	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	9513	1.07	ng/ul	0.04
29) 4-Chloroaniline-d4	10.54	131	7432	0.96	ng/ul	0.03
43) Dimethylphthalate-d6	13.66	166	49293	1.91	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	56332	1.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	438	0.10	ng/ul	0.00
57) Fluorene-d10	15.24	176	42615	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	4035	1.02	ng/ul	0.02
70) Anthracene-d10	17.09	188	61099	1.91	ng/ul	0.00
76) Pyrene-d10	19.40	212	76055	2.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	70234	2.13	ng/ul	0.00

Target Compounds

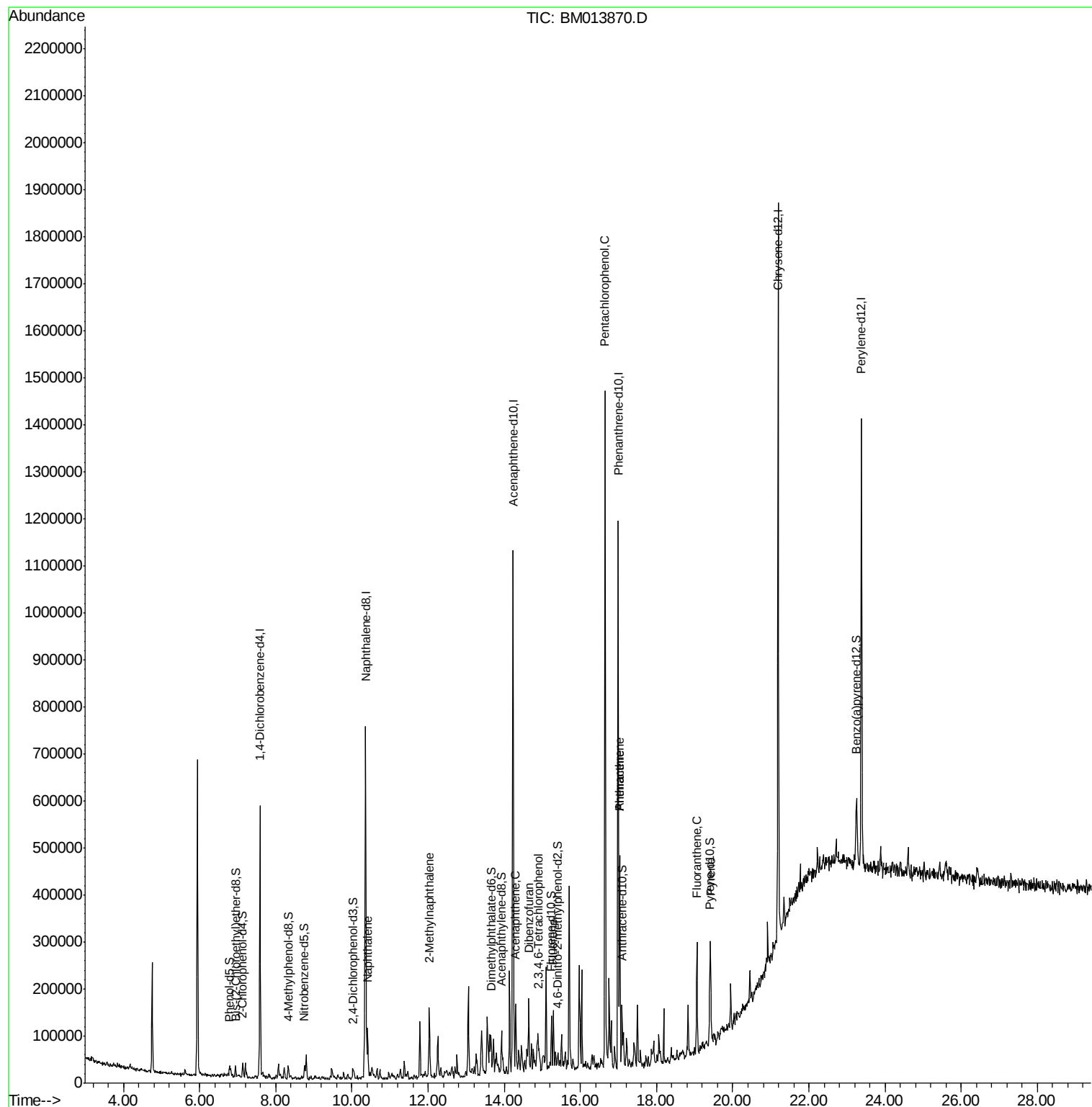
					Ovalue
28) Naphthalene	10.41	128	83377	2.976 ng/ul	97
34) 2-Methylnaphthalene	12.03	142	67368	3.225 ng/ul	94
49) Acenaphthene	14.30	153	47634	2.283 ng/ul	95
53) Dibenzofuran	14.64	168	52254	1.665 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.89	232	14816	2.253 ng/ul#	71
58) Fluorene	15.29	166	45533	1.771 ng/ul	95
68) Pentachlorophenol	16.64	266	243306	54.793 ng/ul	94
69) Phenanthrene	17.03	178	246861	6.757 ng/ul	98
71) Anthracene	17.03	178	246861	6.551 ng/ul	100
74) Fluoranthene	19.06	202	143104	3.281 ng/ul#	97
77) Pyrene	19.42	202	99754	2.305 ng/ul	97

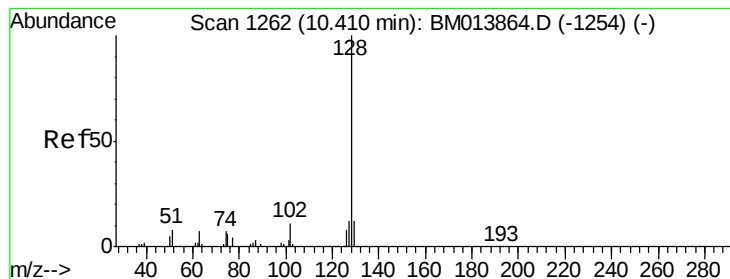
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 2.976 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Instrument :

BNA_M

ClientSampleId :

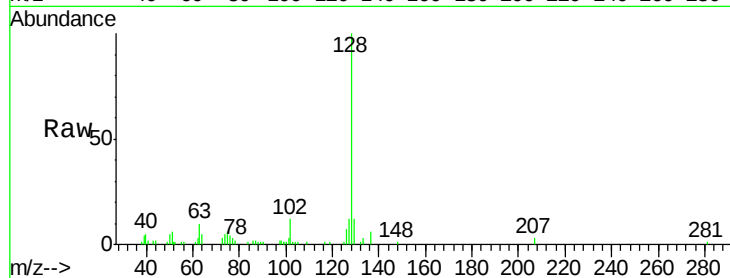
Tot Ion:128 Resp: 83377

Ion Ratio Lower Upper

128 100

129 12.3 8.8 13.2

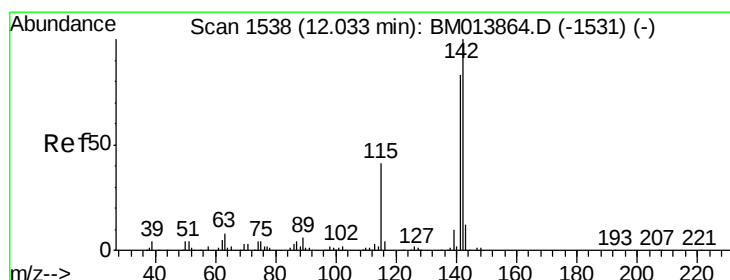
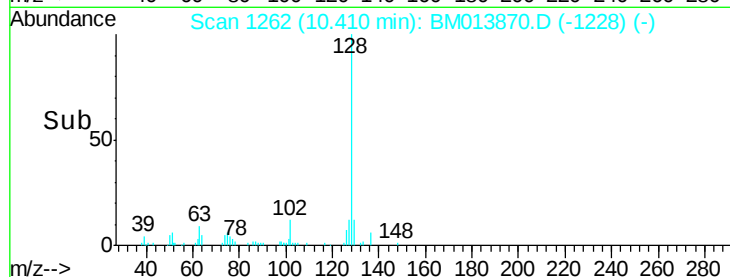
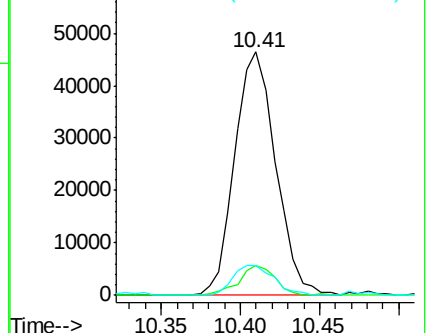
127 12.1 10.6 16.0



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



#34

2-Methylnaphthalene

Concen: 3.225 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM013870.D

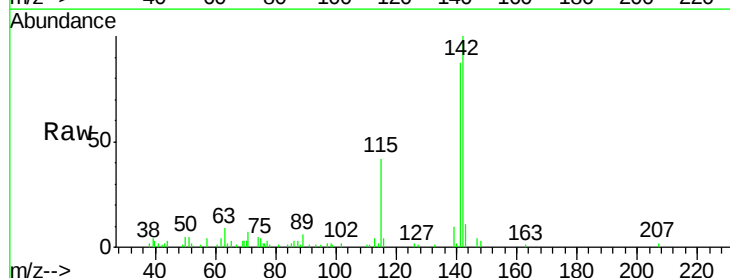
Acq: 27 Jan 2018 06:46

Tgt Ion:142 Resp: 67368

Ion Ratio Lower Upper

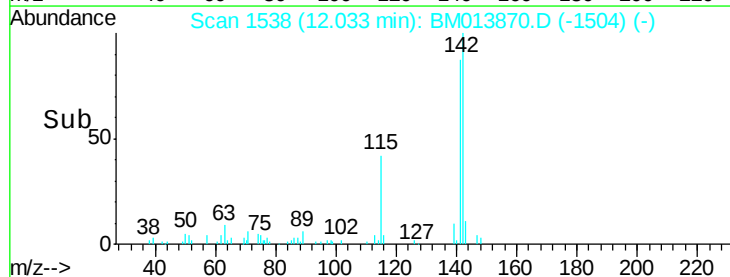
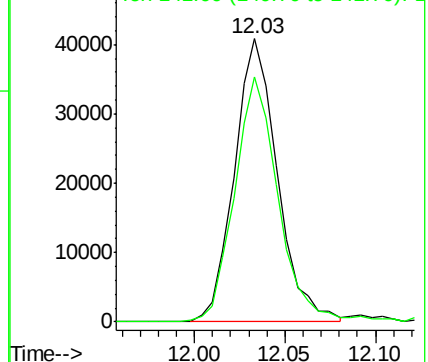
142 100

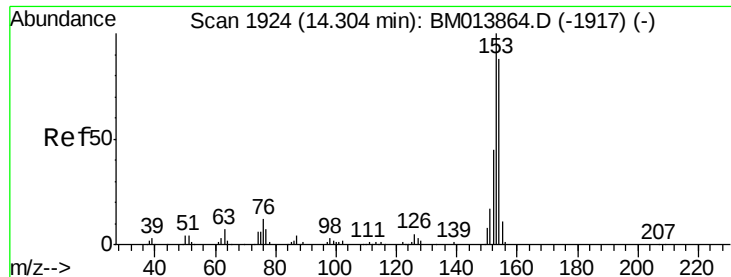
141 86.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 2.283 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Instrument :

BNA_M

ClientSampleId :

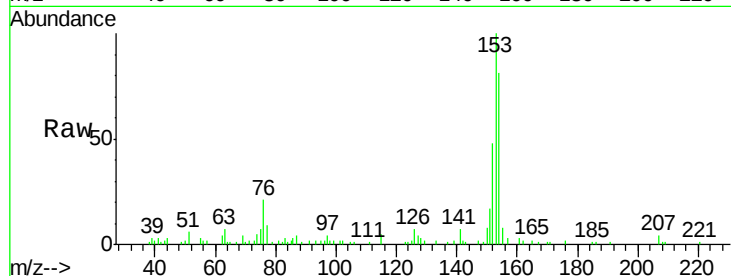
Tot Ion:153 Resp: 47634

Ion Ratio Lower Upper

153 100

152 47.8 37.6 56.4

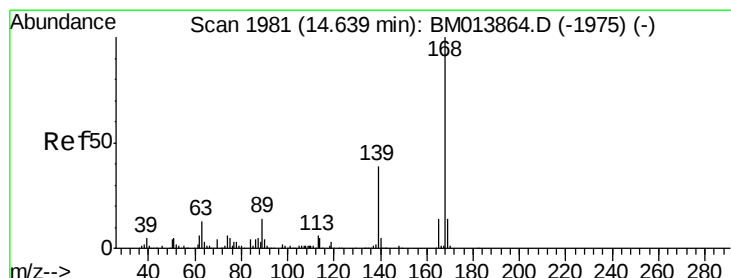
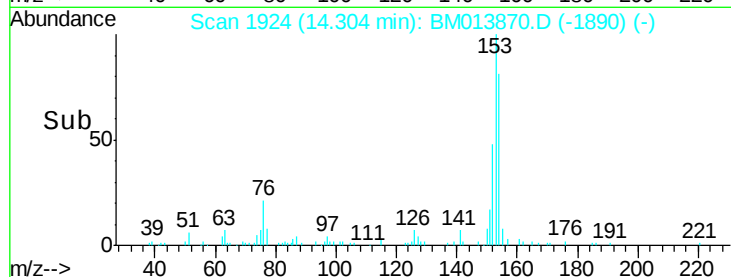
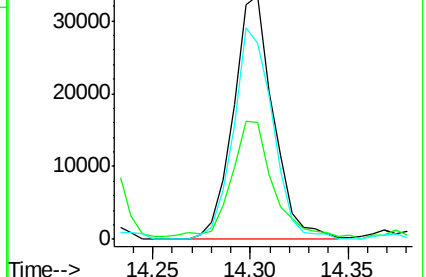
154 80.8 70.4 105.6



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: 1.665 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013870.D

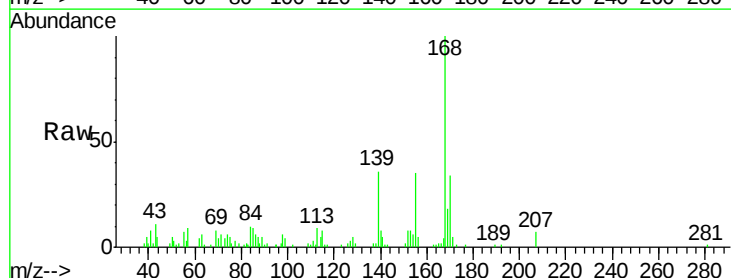
Acq: 27 Jan 2018 06:46

Tgt Ion:168 Resp: 52254

Ion Ratio Lower Upper

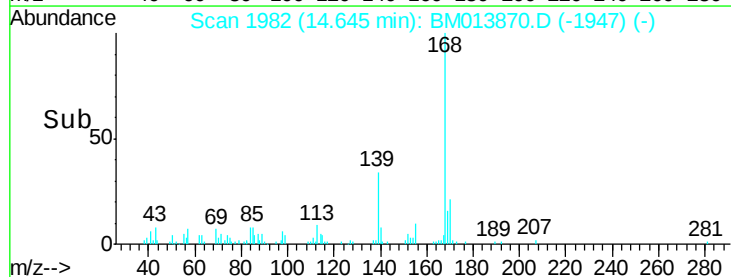
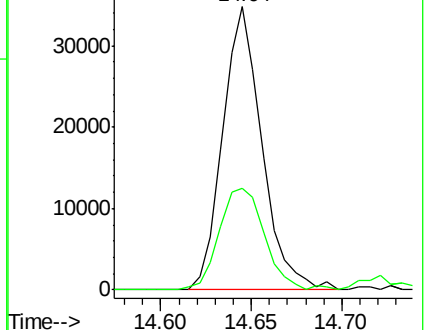
168 100

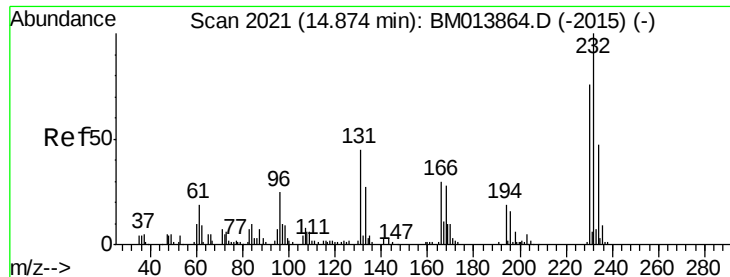
139 35.8 30.8 46.2



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: 2.253 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Instrument :

BNA_M

ClientSampled :

Tot Ion:232 Resp: 14816

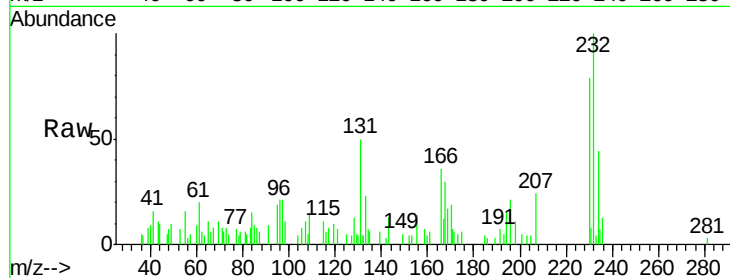
Ion Ratio Lower Upper

232 100

131 50.0 29.0 43.4#

130 3.6 2.0 3.0#

166 47.5 21.4 32.2#

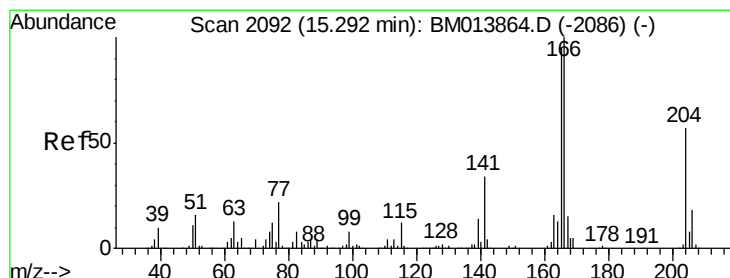
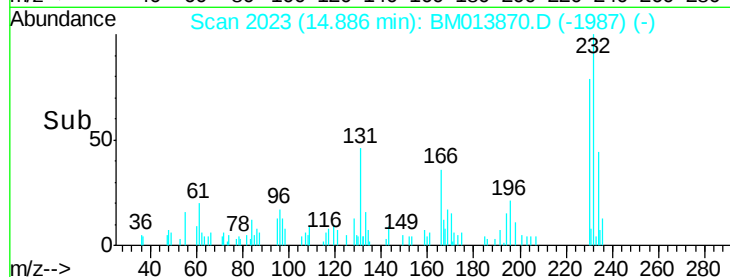
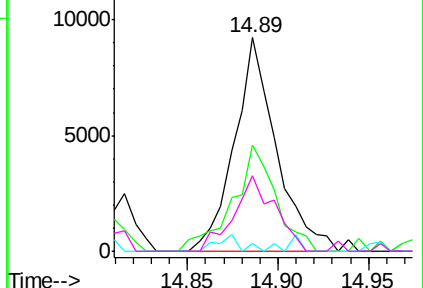


Abundance Ion 232.00 (231.70 to 232.70): E

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: 1.771 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

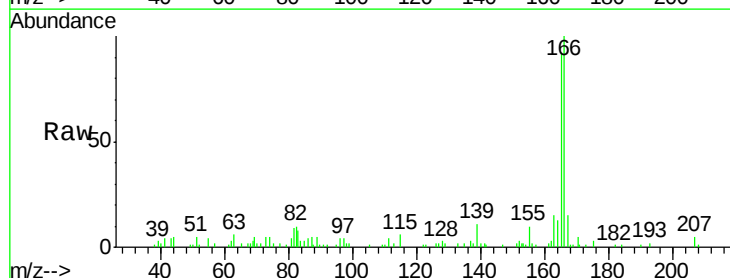
Tgt Ion:166 Resp: 45533

Ion Ratio Lower Upper

166 100

165 92.1 77.9 116.9

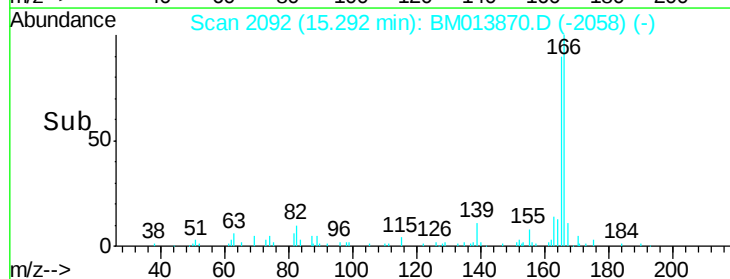
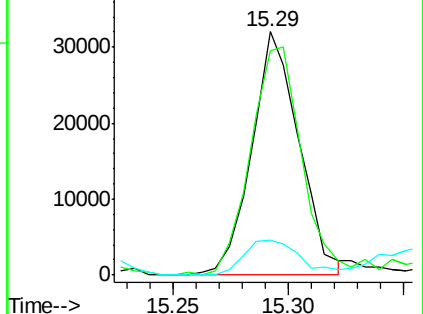
167 14.6 10.6 16.0

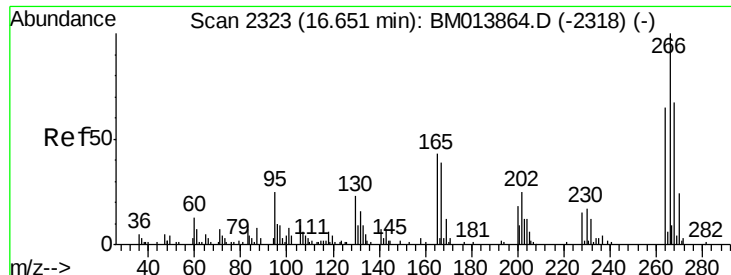


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

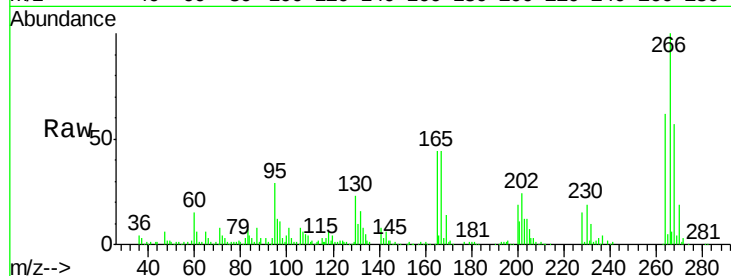




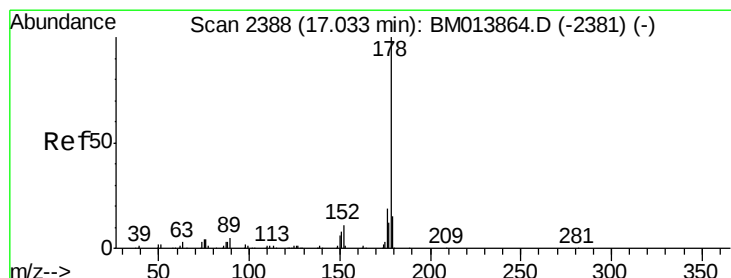
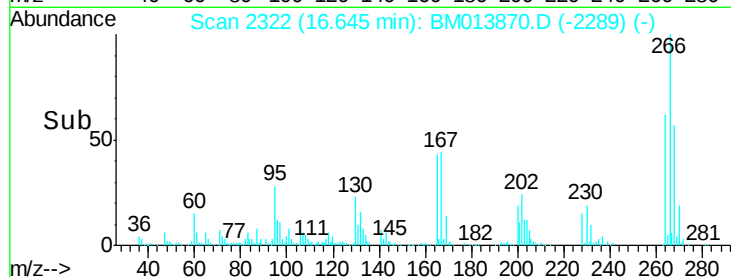
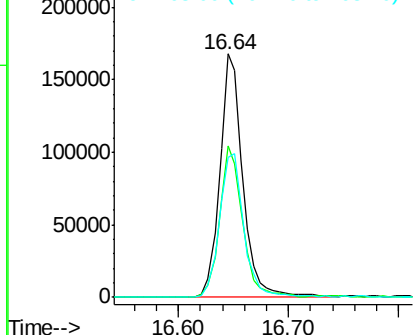
#68
 Pentachlorophenol
 Concen: 54.793 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 243306
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.3 73.9
 268 57.5 52.6 78.8

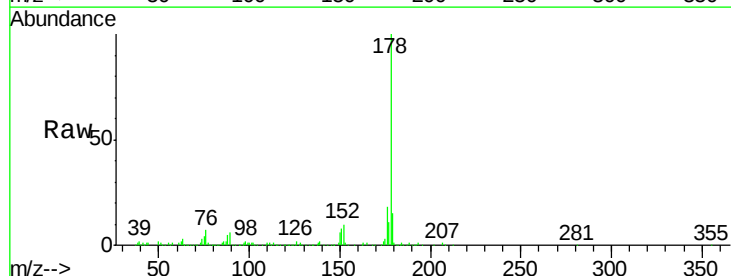


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

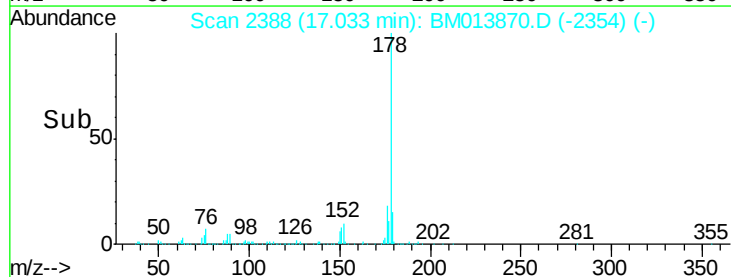
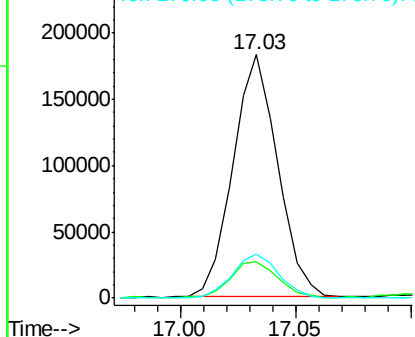


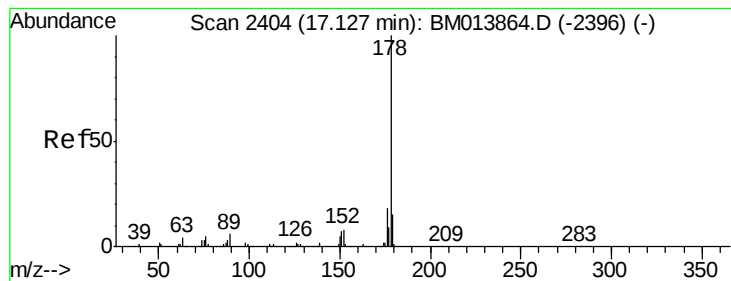
#69
 Phenanthrene
 Concen: 6.757 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Tgt Ion:178 Resp: 246861
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.6 19.0
 176 18.0 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: 6.551 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

Instrument :

BNA_M

ClientSampleId :

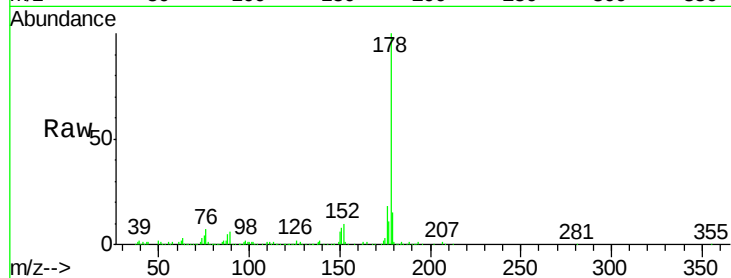
Tot Ion:178 Resp: 246861

Ion Ratio Lower Upper

178 100

179 14.8 11.7 17.5

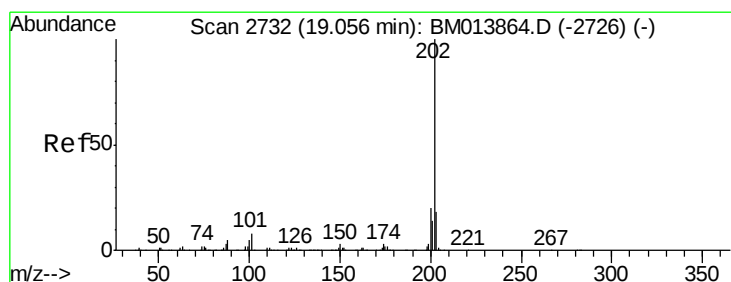
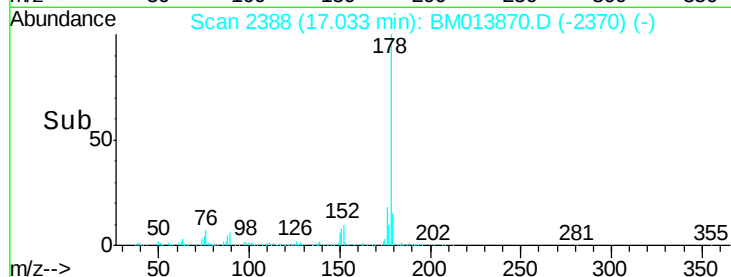
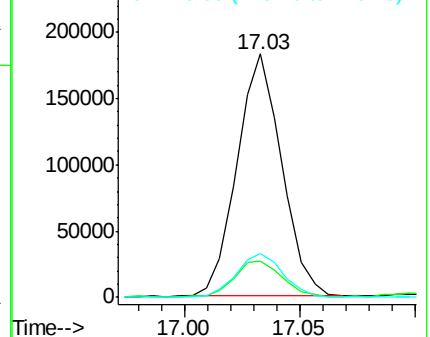
176 18.0 14.6 21.8



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



#74

Fluoranthene

Concen: 3.281 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BM013870.D

Acq: 27 Jan 2018 06:46

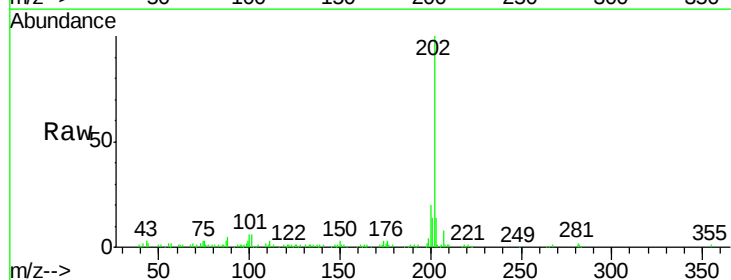
Tgt Ion:202 Resp: 143104

Ion Ratio Lower Upper

202 100

101 5.5 4.6 7.0

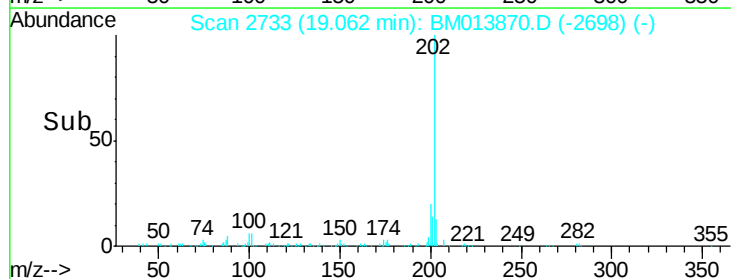
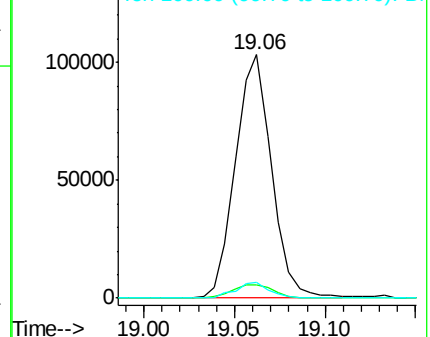
100 6.4 3.4 5.2#

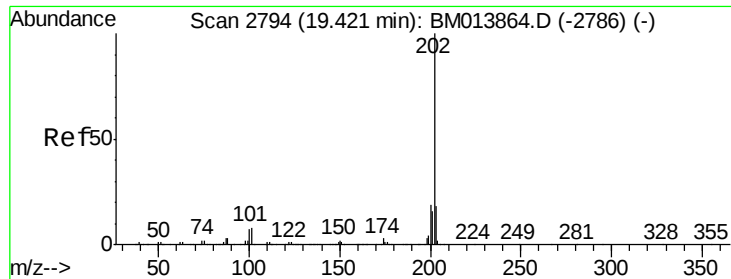


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77
 Pvrene
 Concen: 2.305 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BM013870.D
 Acq: 27 Jan 2018 06:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.1	7.7
100	7.1	4.9	7.3

