

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013858.D
 Acq On : 26 Jan 2018 23:39
 Operator : SJ/JU
 Sample : J1244-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 03:40:56 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 23:46:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	114353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	426015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	249538	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	598727	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	715276	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	690370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	8009	2.77	ng/uL	0.00
5) Phenol-d5	6.77	99	131084	14.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	79249	14.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	116834	16.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	103554	15.34	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	55116	16.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	56524	16.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	103686	15.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	122955	21.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	340470	16.56	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	435764	16.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	428	0.13	ng/ul	-0.02
57) Fluorene-d10	15.24	176	309103	17.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	28380	7.87	ng/ul	0.00
70) Anthracene-d10	17.09	188	487269	16.71	ng/ul	0.00
76) Pyrene-d10	19.39	212	583138	17.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	569951	17.96	ng/ul	0.00

Target Compounds

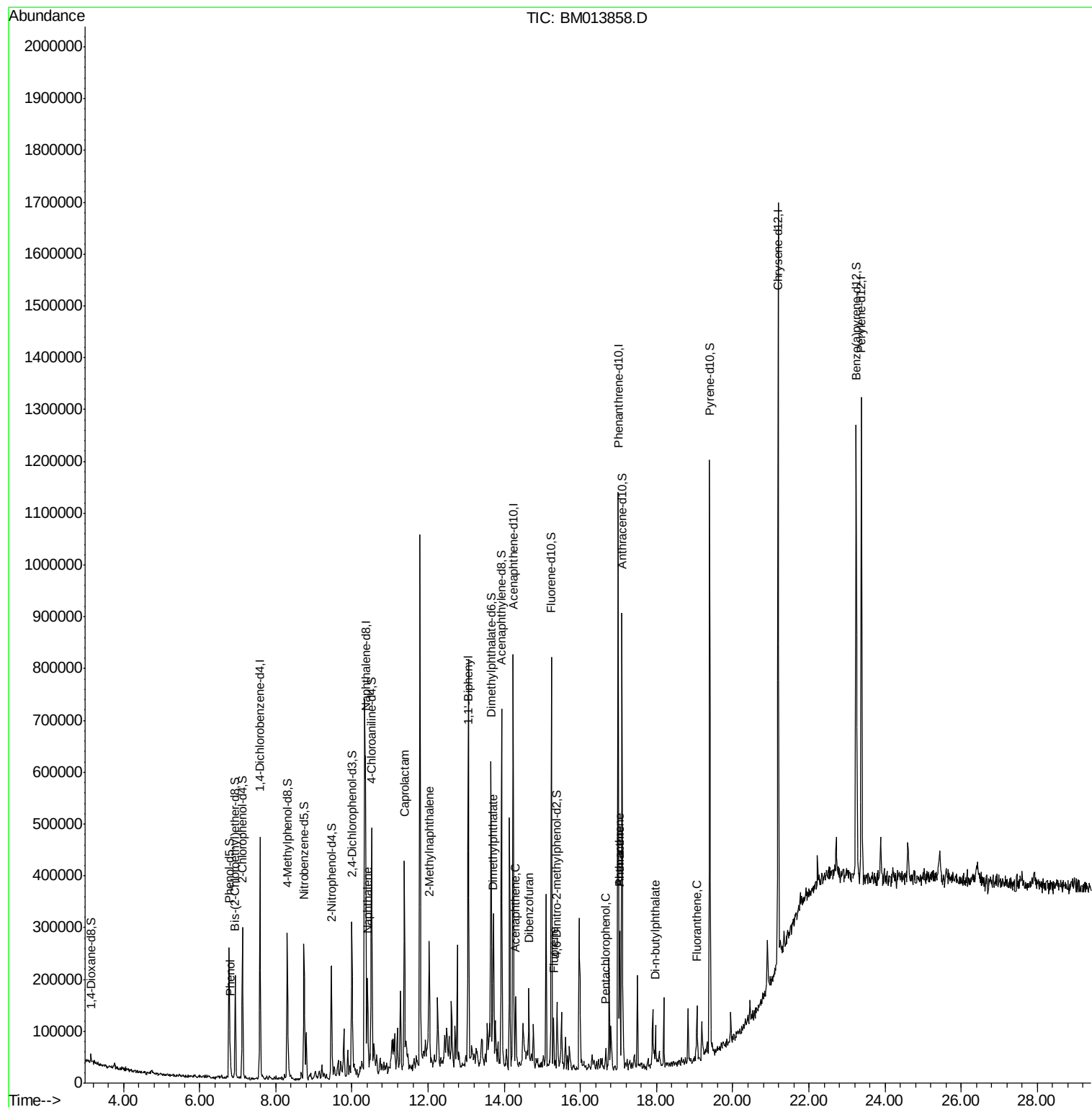
					Ovalue	
6) Phenol	6.80	94	19407	2.204	ng/ul#	87
28) Naphthalene	10.41	128	121775	5.746	ng/ul	96
32) Caprolactam	11.38	113	14423	7.973	ng/ul	86
34) 2-Methylnaphthalene	12.03	142	103732	6.565	ng/ul	88
40) 1,1'-Biphenyl	13.07	154	29080	1.400	ng/ul	94
44) Dimethylphthalate	13.70	163	66801	3.304	ng/ul#	98
49) Acenaphthene	14.30	153	51151	3.078	ng/ul	90
53) Dibenzofuran	14.64	168	59745	2.390	ng/ul	95
58) Fluorene	15.30	166	40626	1.984	ng/ul#	85
68) Pentachlorophenol	16.66	266	7549	1.866	ng/ul#	79
69) Phenanthrene	17.03	178	147695	4.438	ng/ul	98
71) Anthracene	17.03	178	147595	4.300	ng/ul	97
73) Di-n-butylphthalate	17.97	149	43243	1.298	ng/ul#	95
74) Fluoranthene	19.06	202	52120	1.312	ng/ul#	90

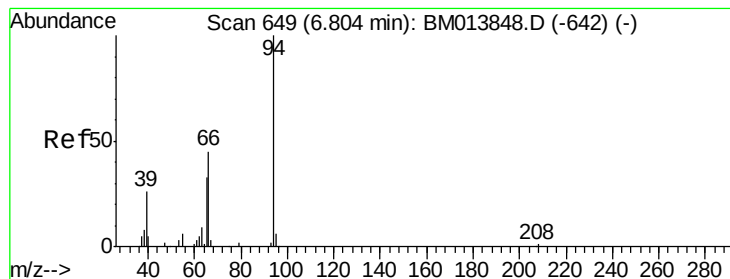
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.204 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

Instrument :

BNA_M

ClientSampled :

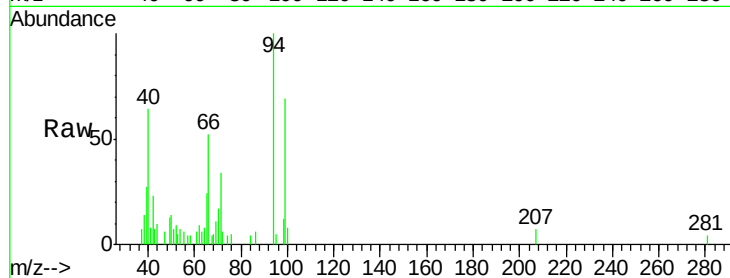
Tot Ion: 94 Resp: 19407

Ion Ratio Lower Upper

94 100

65 24.0 28.2 42.4#

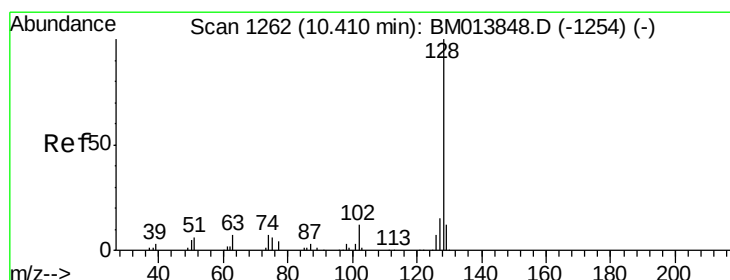
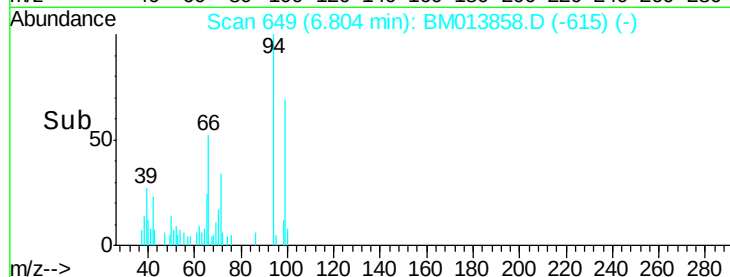
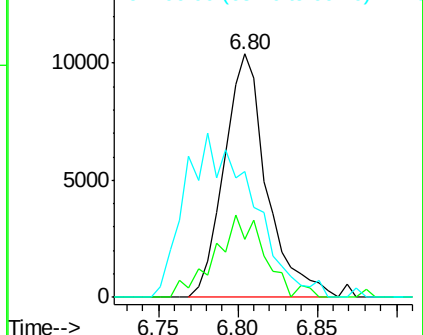
66 51.8 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013848.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM013848.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM013848.D (-642) (-)



#28

Naphthalene

Concen: 5.746 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

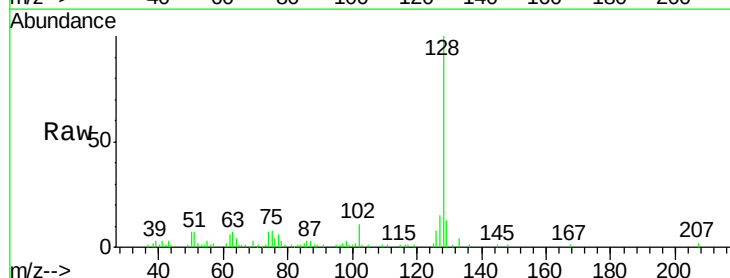
Tgt Ion: 128 Resp: 121775

Ion Ratio Lower Upper

128 100

129 12.6 8.8 13.2

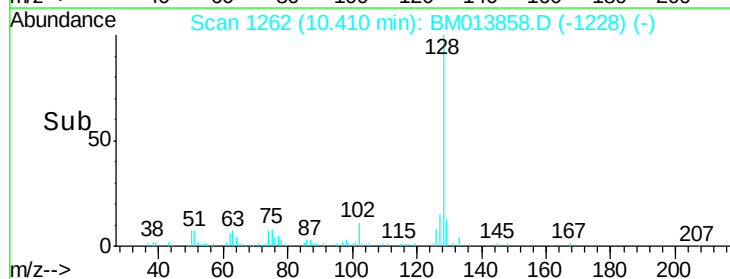
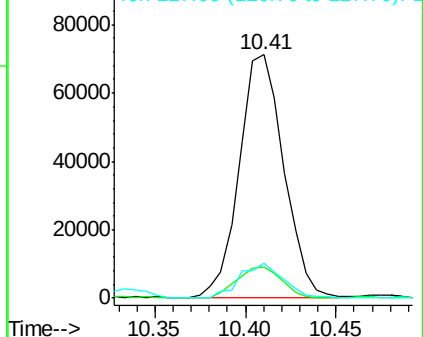
127 14.6 10.6 16.0

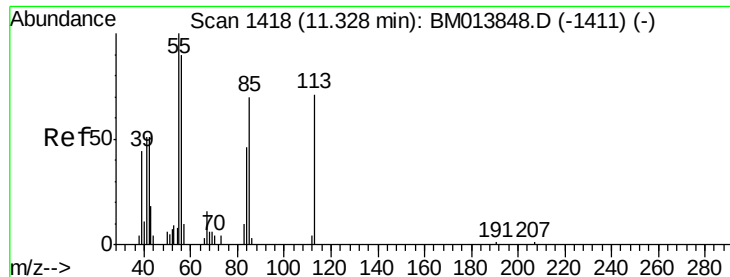


Abundance Ion 128.00 (127.70 to 128.70): BM013848.D (-1254) (-)

Ion 129.00 (128.70 to 129.70): BM013848.D (-1254) (-)

Ion 127.00 (126.70 to 127.70): BM013848.D (-1254) (-)





#32

Caprolactam

Concen: 7.973 ng/ul

RT: 11.38 min Scan# 1427

Delta R.T. 0.05 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

Instrument :

BNA_M

ClientSampleId :

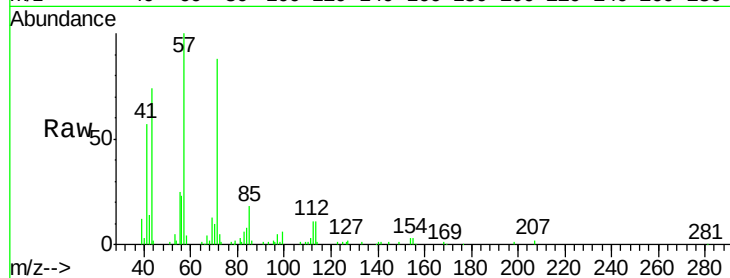
Tot Ion:113 Resp: 14423

Ion Ratio Lower Upper

113 100

55 216.2 208.0 312.0

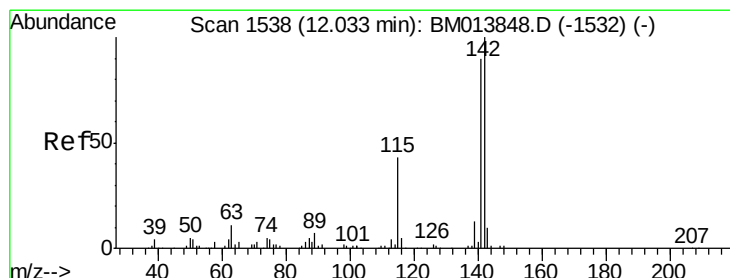
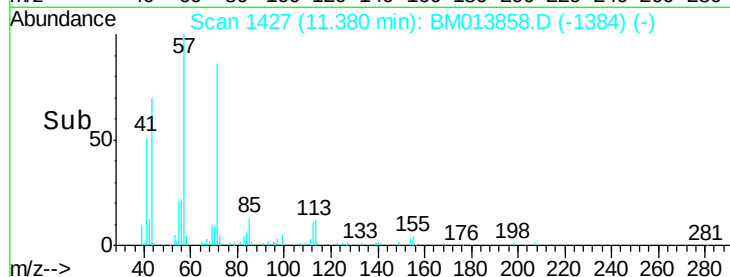
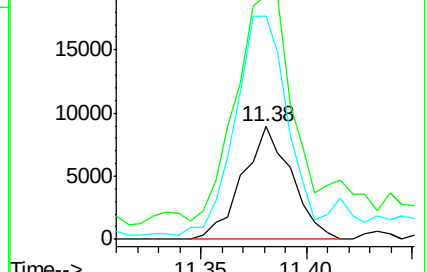
56 198.4 160.0 240.0



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



#34

2-Methylnaphthalene

Concen: 6.565 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM013858.D

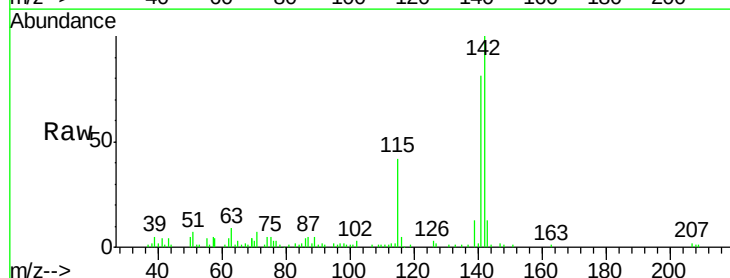
Acq: 26 Jan 2018 23:39

Tgt Ion:142 Resp: 103732

Ion Ratio Lower Upper

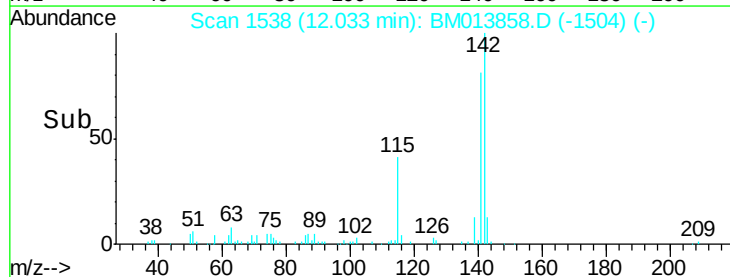
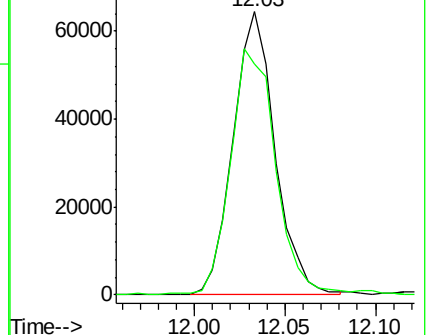
142 100

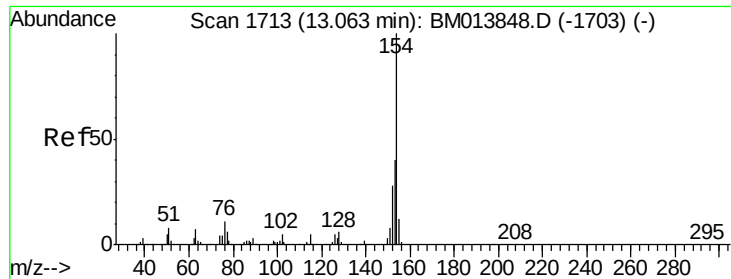
141 81.4 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

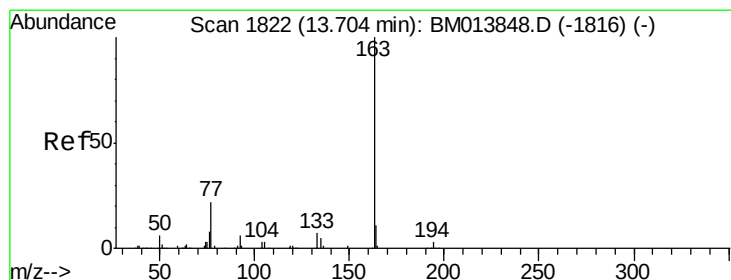
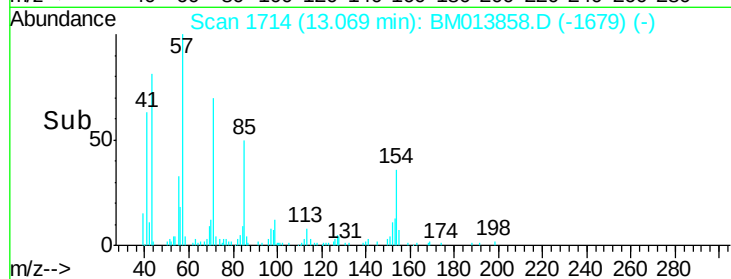
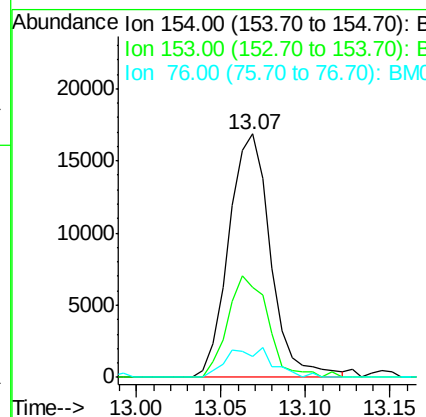
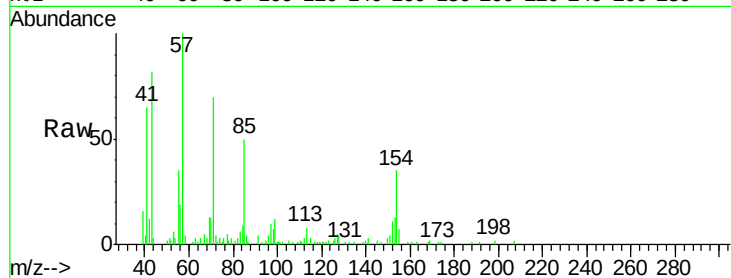




#40
1,1'-Biphenyl
Concen: 1.400 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM013858.D
Acq: 26 Jan 2018 23:39

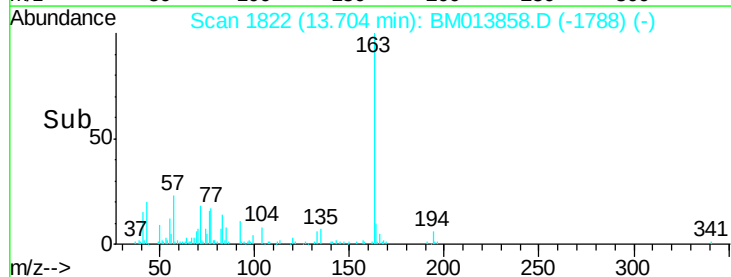
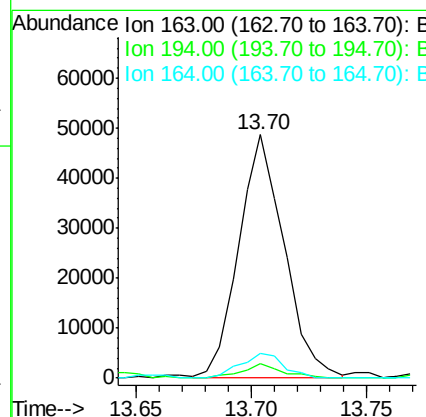
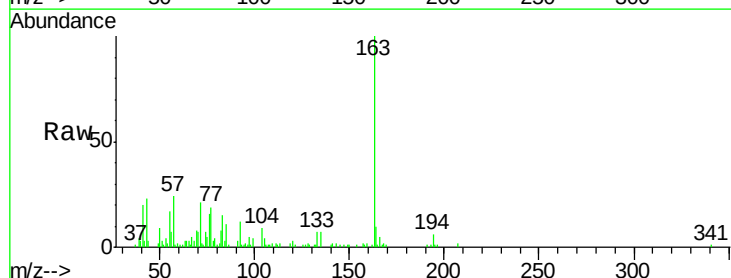
Instrument :
BNA_M
ClientSampleId :

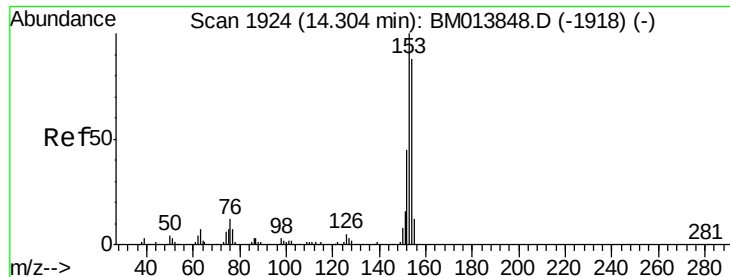
Tot Ion	Ratio	Lower	Upper
154	100		
153	36.9	32.6	48.8
76	8.8	8.5	12.7



#44
Dimethylphthalate
Concen: 3.304 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013858.D
Acq: 26 Jan 2018 23:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.5	5.3#
164	9.9	8.2	12.4





#49

Acenaphthene

Concen: 3.078 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

Instrument :

BNA_M

ClientSampleId :

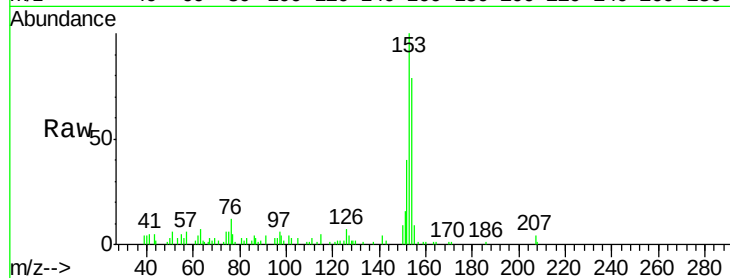
Tot Ion:153 Resp: 51151

Ion Ratio Lower Upper

153 100

152 40.1 37.6 56.4

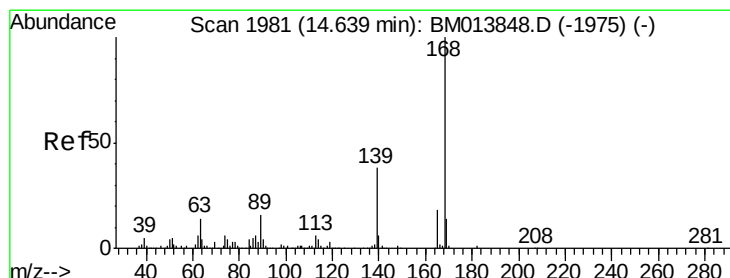
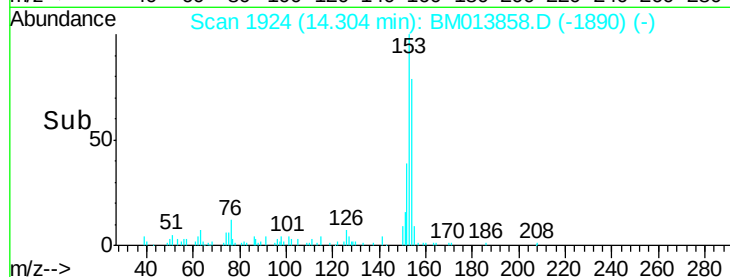
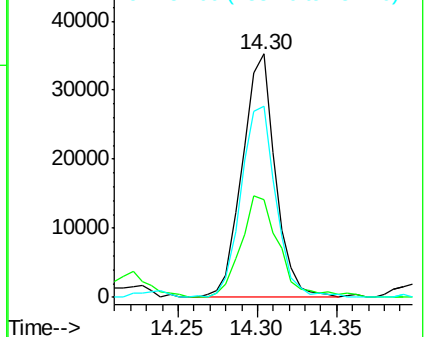
154 78.6 70.4 105.6



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: 2.390 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013858.D

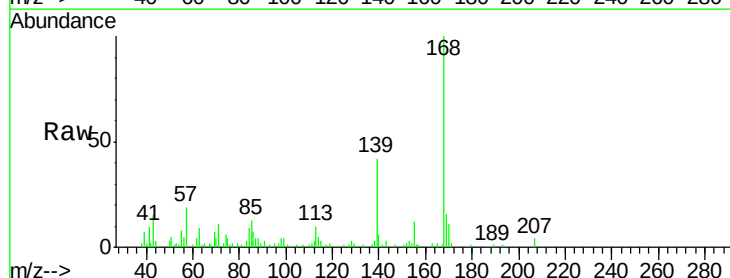
Acq: 26 Jan 2018 23:39

Tgt Ion:168 Resp: 59745

Ion Ratio Lower Upper

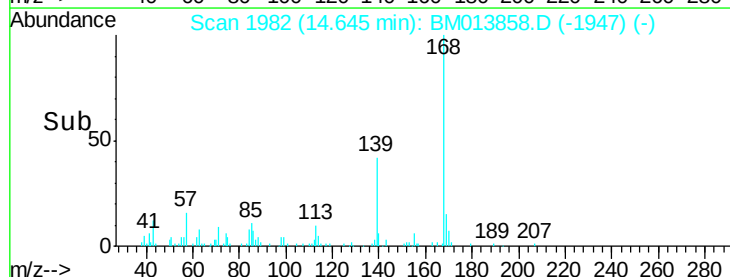
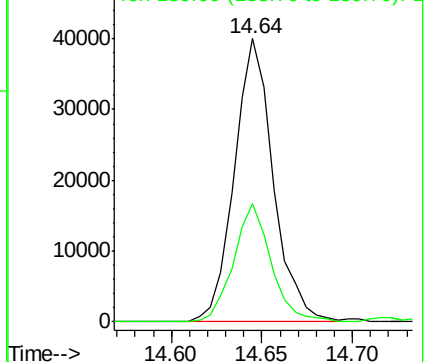
168 100

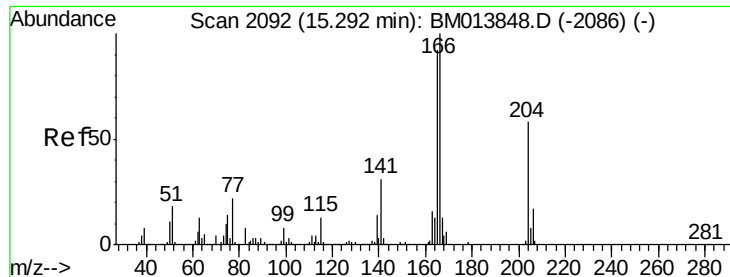
139 41.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

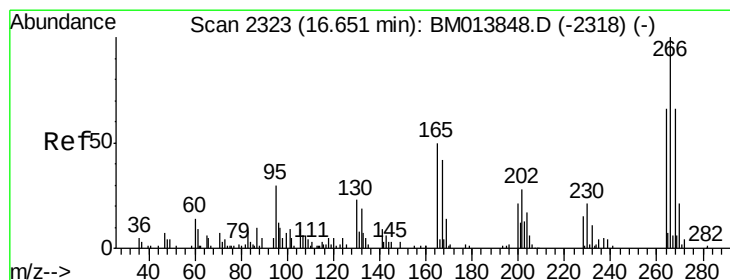
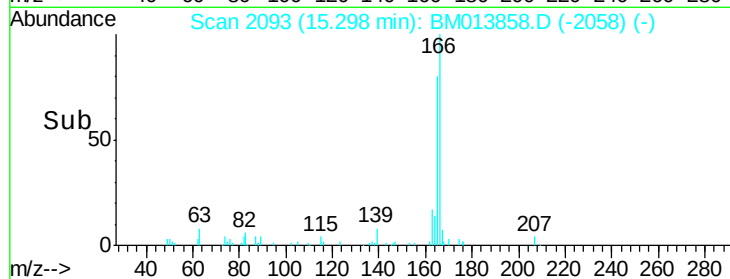
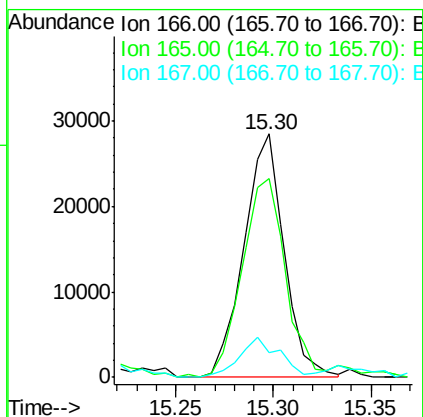
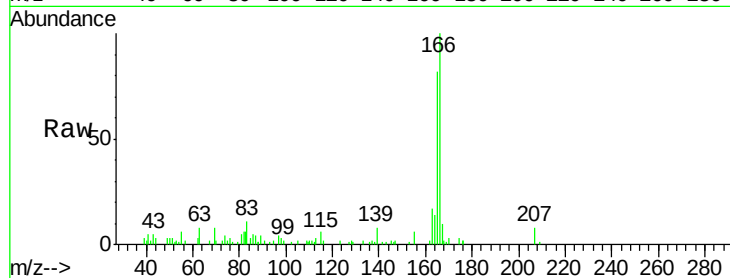




#58
 Fluorene
 Concen: 1.984 ng/ul
 RT: 15.30 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: BM013858.D
 Acq: 26 Jan 2018 23:39

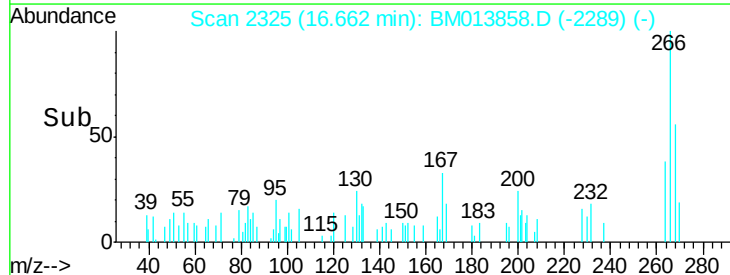
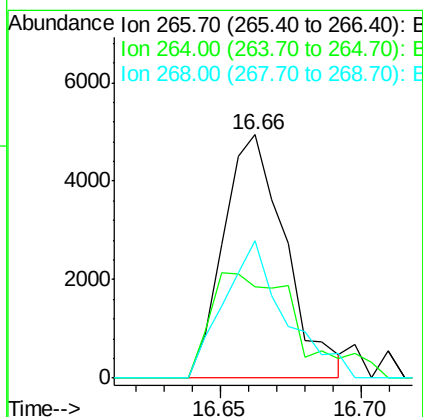
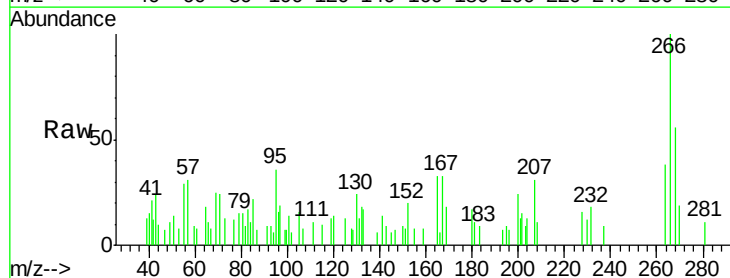
Instrument :
 BNA_M
 ClientSampleId :

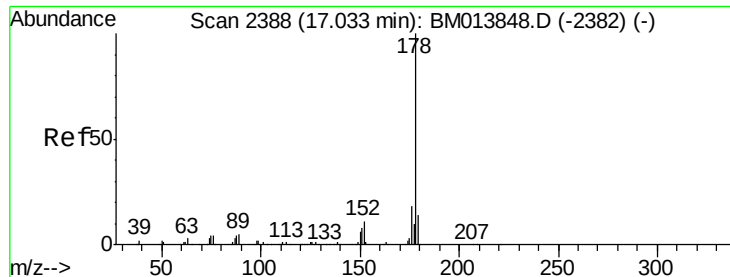
Tot Ion:166 Resp: 40626
 Ion Ratio Lower Upper
 166 100
 165 81.8 77.9 116.9
 167 10.4 10.6 16.0#



#68
 Pentachlorophenol
 Concen: 1.866 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BM013858.D
 Acq: 26 Jan 2018 23:39

Tgt Ion:266 Resp: 7549
 Ion Ratio Lower Upper
 266 100
 264 37.6 49.3 73.9#
 268 56.2 52.6 78.8





#69

Phenanthrene

Concen: 4.438 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

Instrument :

BNA_M

ClientSampleId :

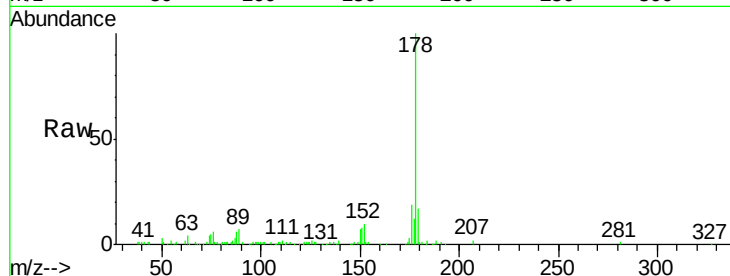
Tot Ion:178 Resp: 147695

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

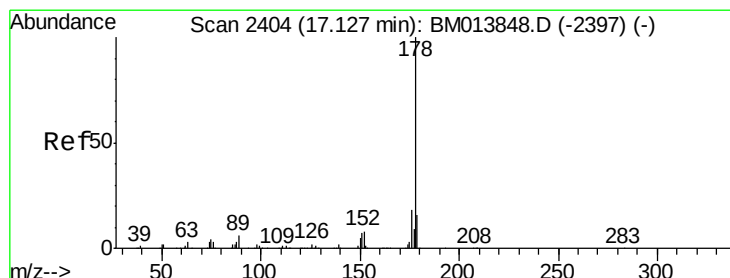
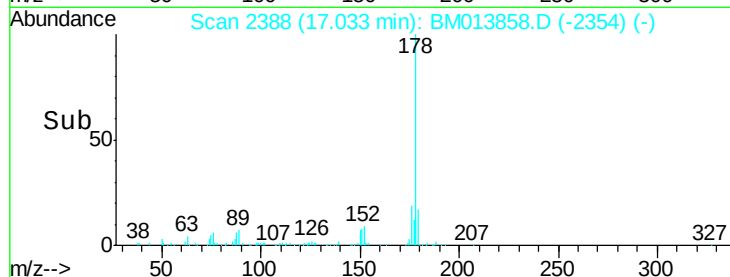
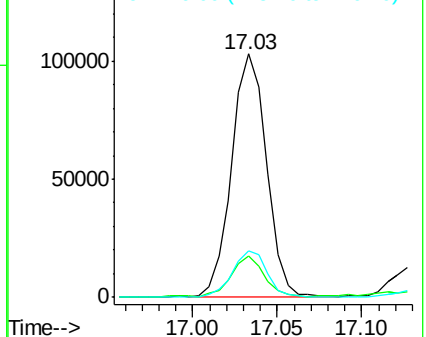
176 19.0 14.9 22.3



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: 4.300 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

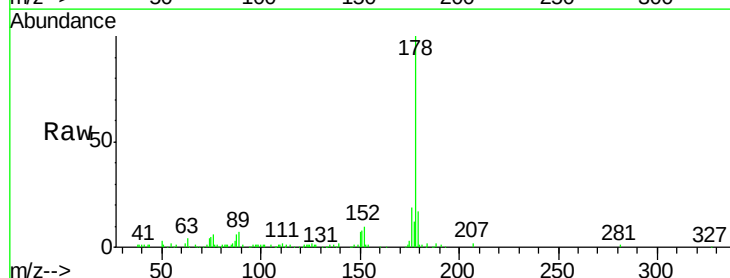
Tgt Ion:178 Resp: 147595

Ion Ratio Lower Upper

178 100

179 16.8 11.7 17.5

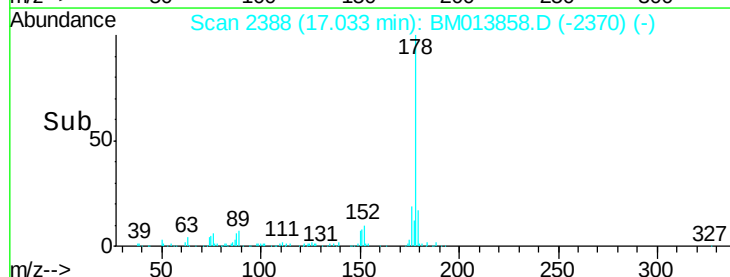
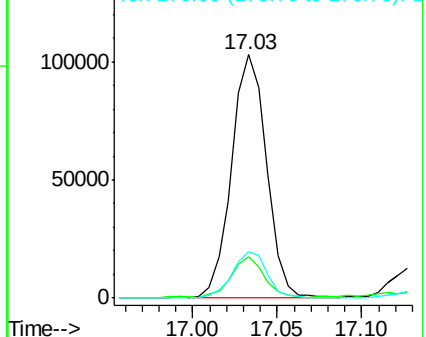
176 19.0 14.6 21.8

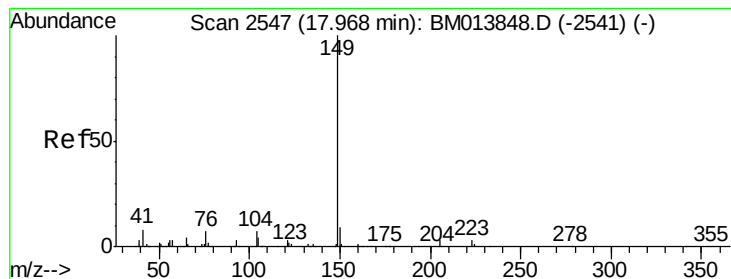


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 1.298 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

Instrument :

BNA_M

ClientSampleId :

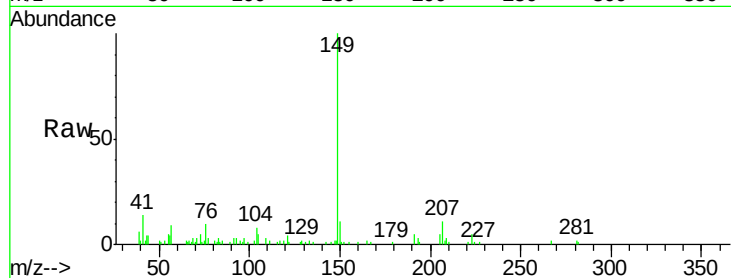
Tot Ion:149 Resp: 43243

Ion Ratio Lower Upper

149 100

150 11.3 7.1 10.7#

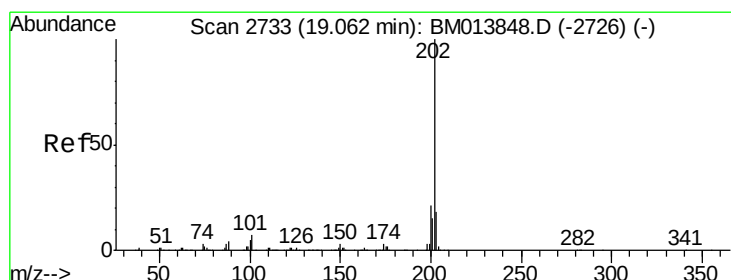
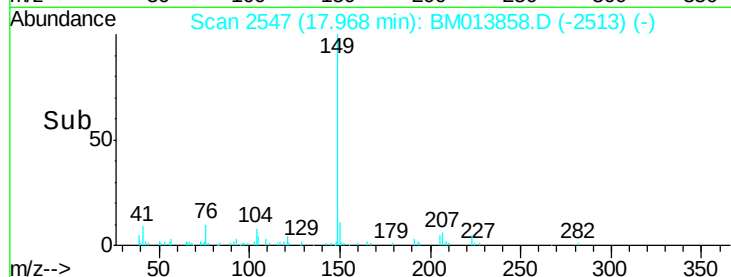
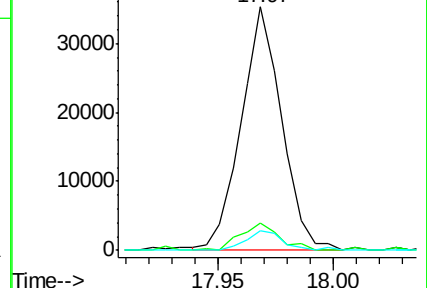
104 8.0 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.312 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM013858.D

Acq: 26 Jan 2018 23:39

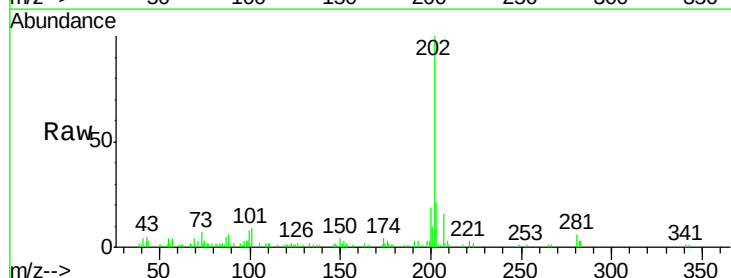
Tgt Ion:202 Resp: 52120

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

100 7.7 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

