

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013873.D
 Acq On : 27 Jan 2018 08:32
 Operator : SJ/JU
 Sample : J1222-07DL2 30X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 20:54:25 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	144763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	558128	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	299732	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	647821	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	673022	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	677397	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	186	0.05	ng/uL	0.00
5) Phenol-d5	6.79	99	1815	0.16	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	3738	0.56	ng/ul	0.01
9) 2-Chlorophenol-d4	7.13	132	5344	0.59	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	1970	0.23	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	1926	0.44	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	304	0.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	4574	0.52	ng/ul	0.05
29) 4-Chloroaniline-d4	10.47	131	534	0.07	ng/ul	-0.04
43) Dimethylphthalate-d6	13.66	166	21504	0.87	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	26907	0.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	437	0.11	ng/ul	-0.01
57) Fluorene-d10	15.24	176	17115	0.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	651	0.17	ng/ul	0.03
70) Anthracene-d10	17.09	188	24677	0.78	ng/ul	0.00
76) Pyrene-d10	19.39	212	31427	1.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	27684	0.89	ng/ul	0.00

Target Compounds

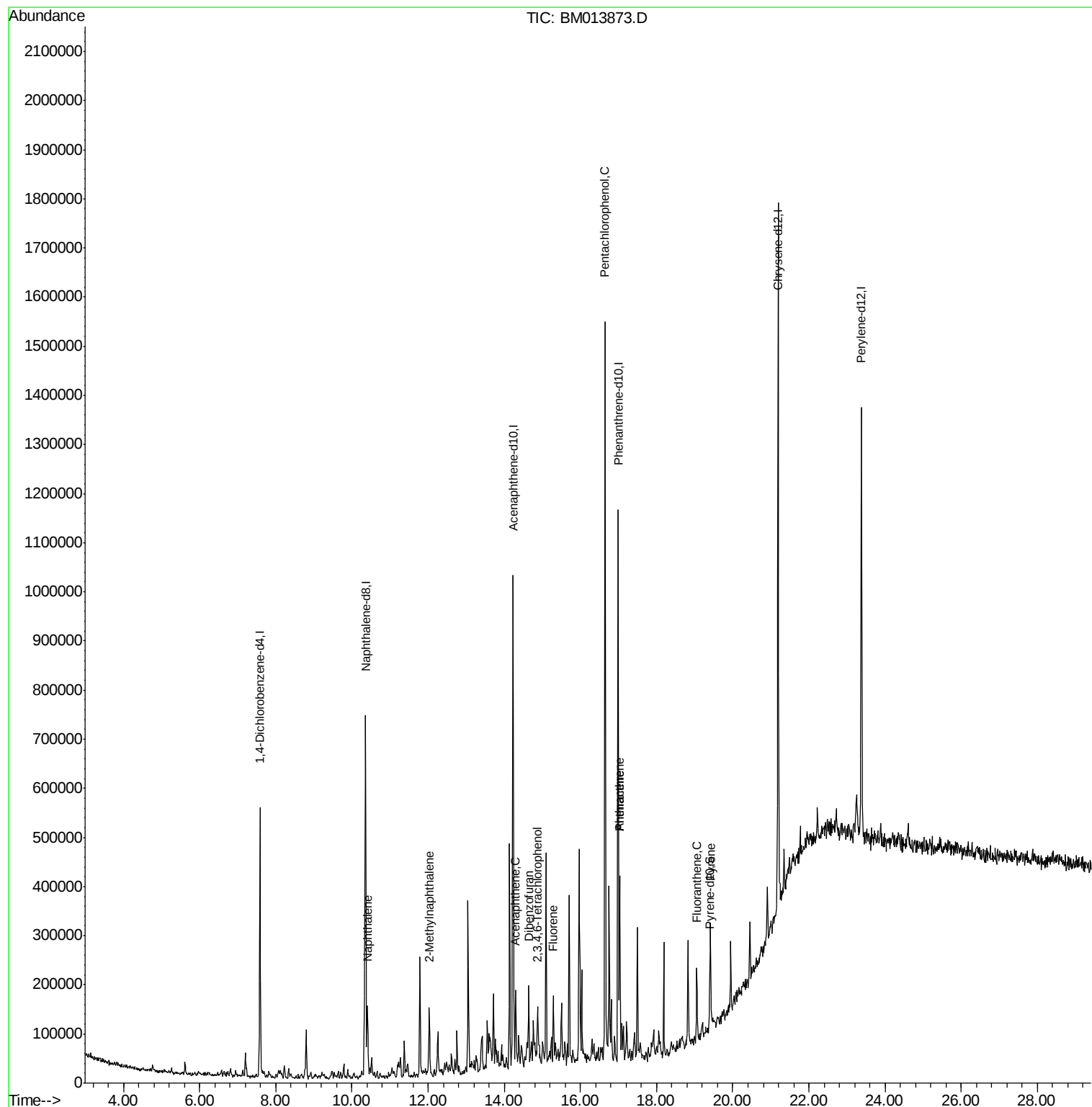
					Ovalue	
28) Naphthalene	10.40	128	114179	4.112	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	64550	3.118	ng/ul	96
49) Acenaphthene	14.30	153	53620	2.686	ng/ul	97
53) Dibenzofuran	14.65	168	52103	1.735	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	22524	3.580	ng/ul#	81
58) Fluorene	15.29	166	49475	2.011	ng/ul	92
68) Pentachlorophenol	16.64	266	254669	58.189	ng/ul	97
69) Phenanthrene	17.03	178	211181	5.865	ng/ul	98
71) Anthracene	17.03	178	211181	5.686	ng/ul	96
74) Fluoranthene	19.06	202	90305	2.101	ng/ul#	97
77) Pyrene	19.42	202	63532	1.553	ng/ul#	86

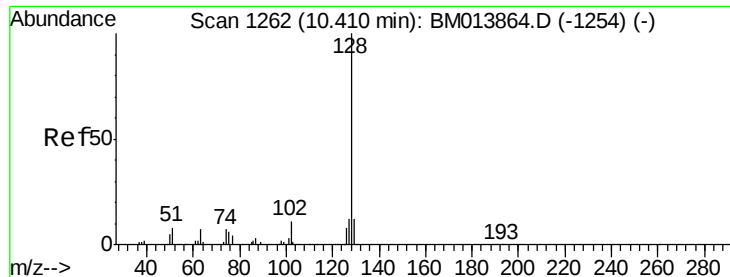
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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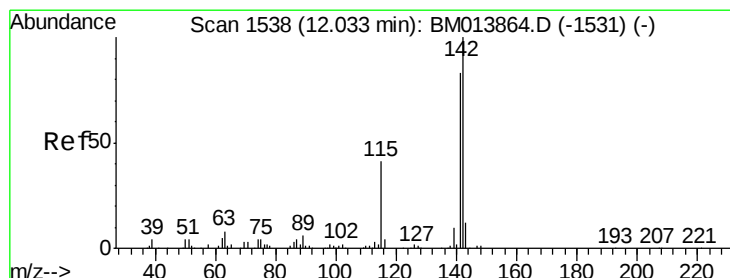
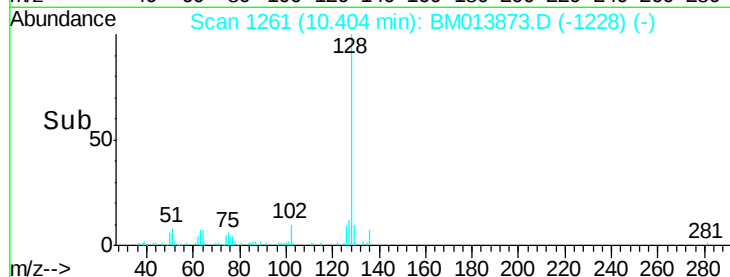
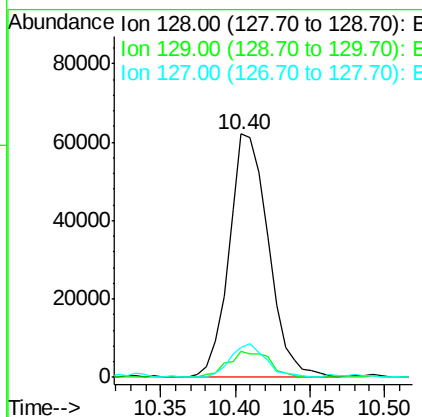
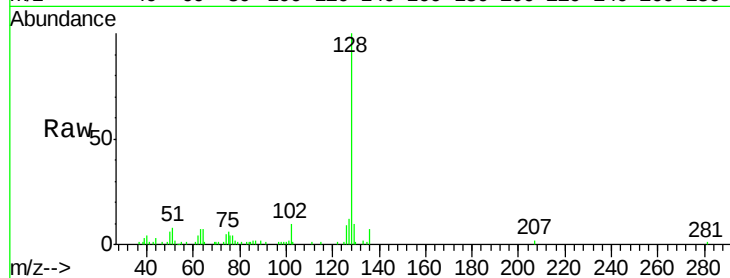




#28
Naphthalene
Concen: 4.112 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM013873.D
Acq: 27 Jan 2018 08:32

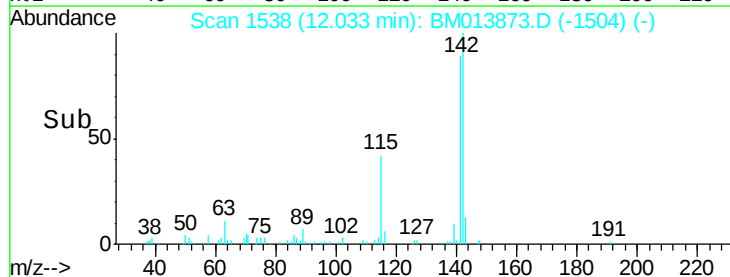
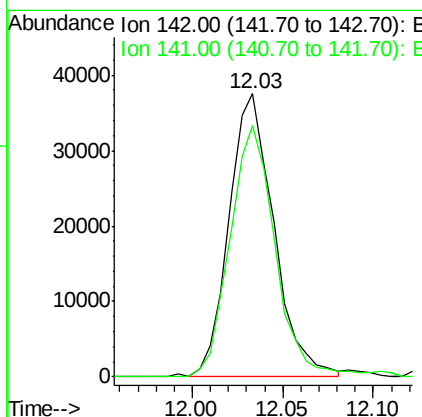
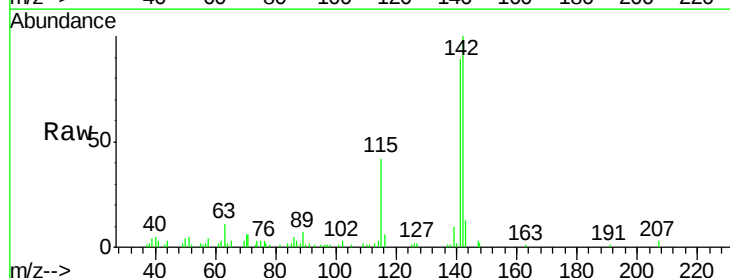
Instrument :
BNA_M
ClientSampleId :

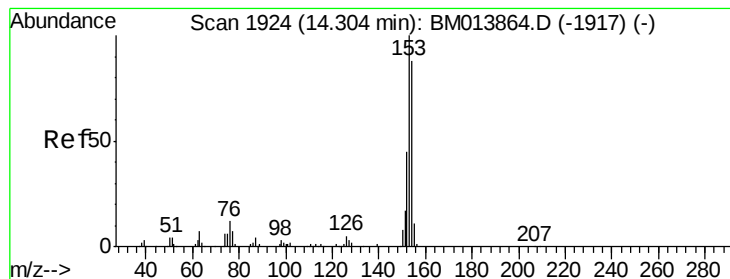
Tot Ion:128 Resp: 114179
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.1 10.6 16.0



#34
2-Methylnaphthalene
Concen: 3.118 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BM013873.D
Acq: 27 Jan 2018 08:32

Tgt Ion:142 Resp: 64550
Ion Ratio Lower Upper
142 100
141 88.9 74.1 111.1





#49

Acenaphthene

Concen: 2.686 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013873.D

Acq: 27 Jan 2018 08:32

Instrument :

BNA_M

ClientSampleId :

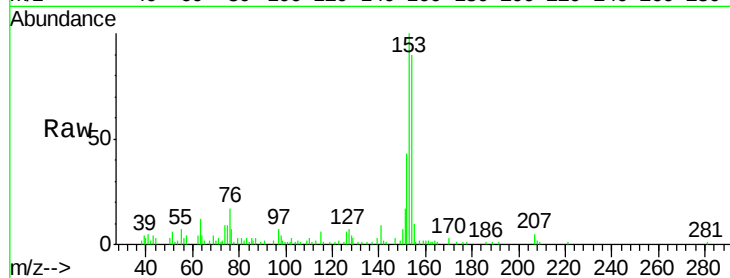
Tot Ion:153 Resp: 53620

Ion Ratio Lower Upper

153 100

152 43.4 37.6 56.4

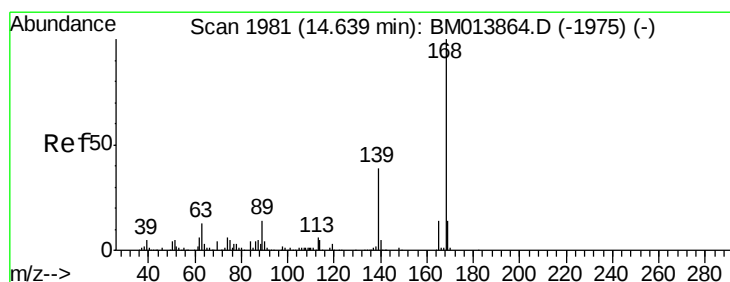
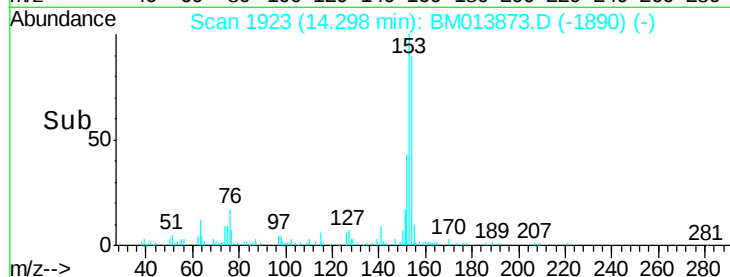
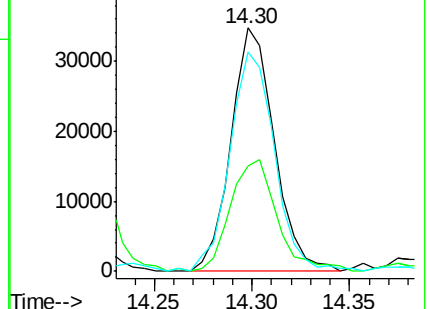
154 90.1 70.4 105.6



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: 1.735 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013873.D

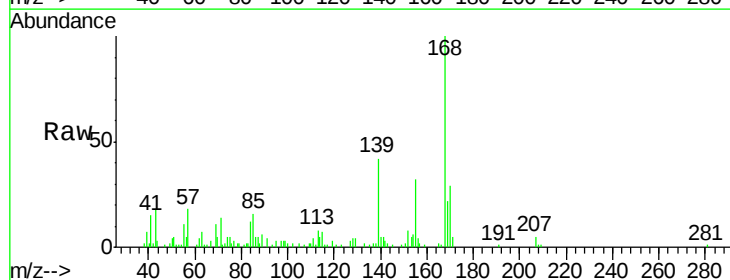
Acq: 27 Jan 2018 08:32

Tgt Ion:168 Resp: 52103

Ion Ratio Lower Upper

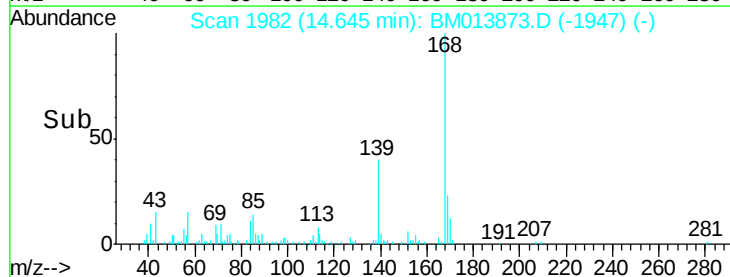
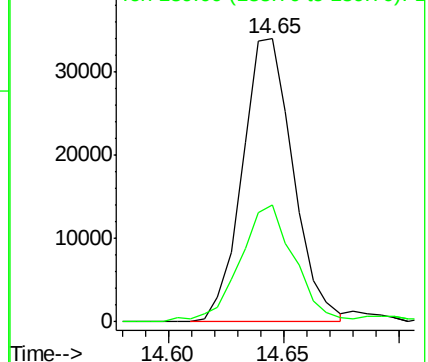
168 100

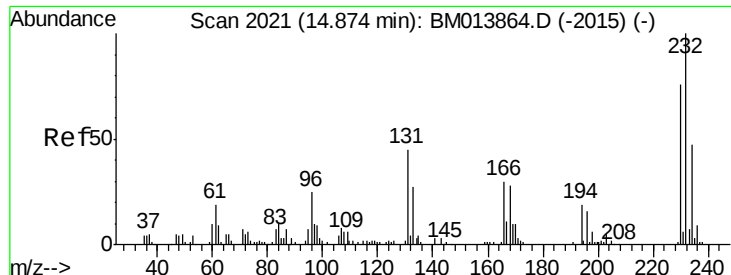
139 41.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

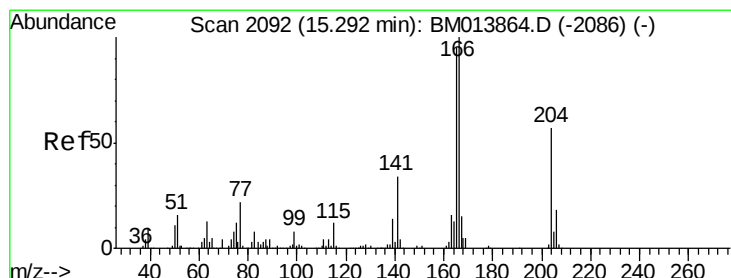
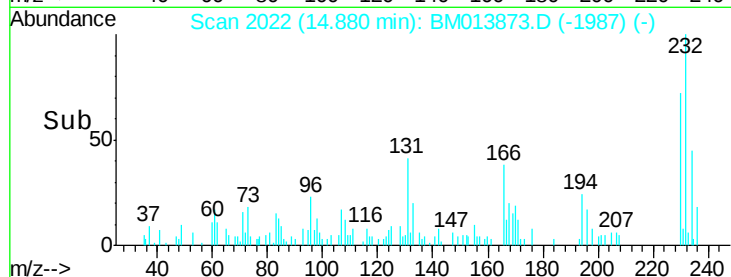
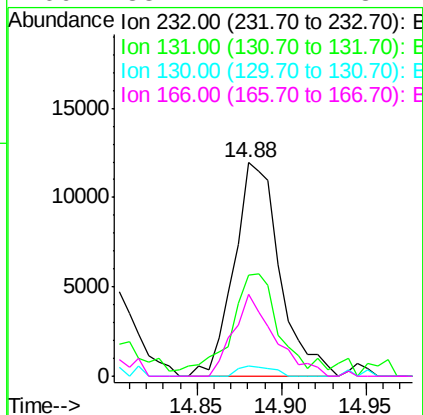
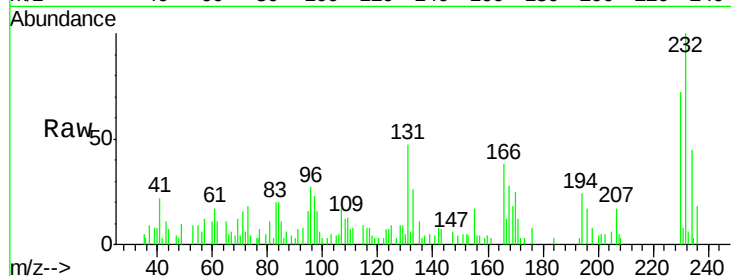




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 3.580 ng/ul
 RT: 14.88 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BM013873.D
 Acq: 27 Jan 2018 08:32

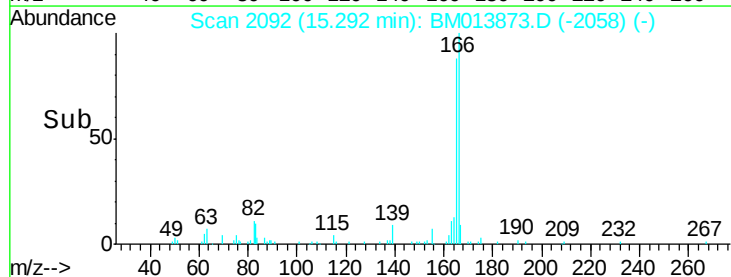
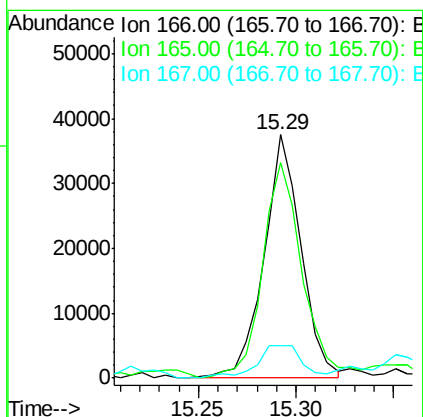
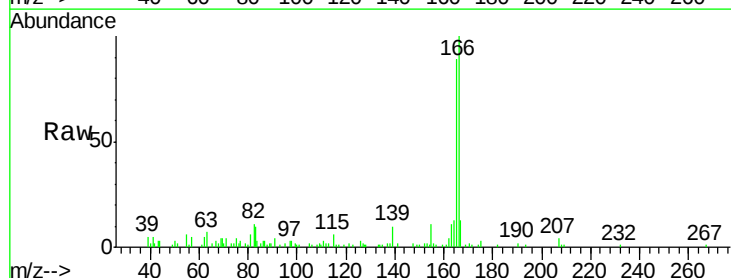
Instrument :
 BNA_M
 ClientSampleId :

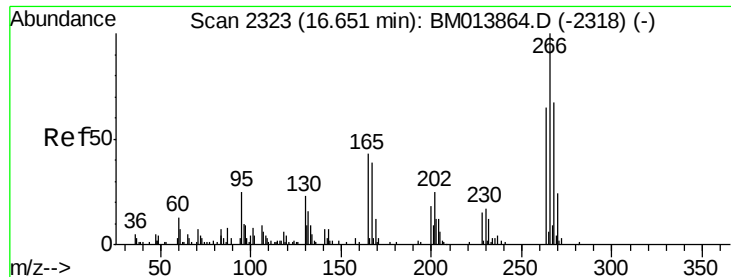
Tot Ion:232 Resp: 22524
 Ion Ratio Lower Upper
 232 100
 131 47.1 29.0 43.4#
 130 4.6 2.0 3.0#
 166 38.1 21.4 32.2#



#58
 Fluorene
 Concen: 2.011 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM013873.D
 Acq: 27 Jan 2018 08:32

Tgt Ion:166 Resp: 49475
 Ion Ratio Lower Upper
 166 100
 165 88.7 77.9 116.9
 167 13.2 10.6 16.0

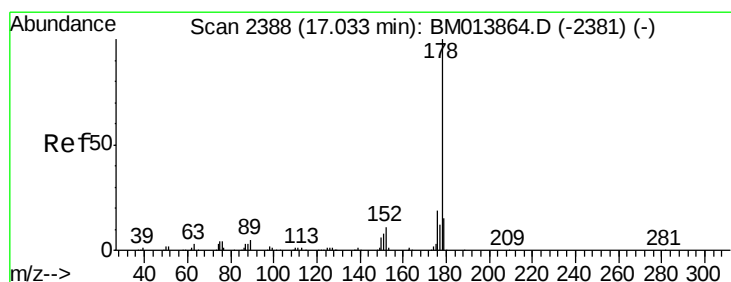
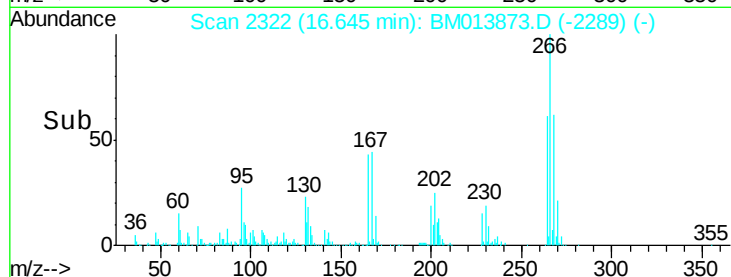
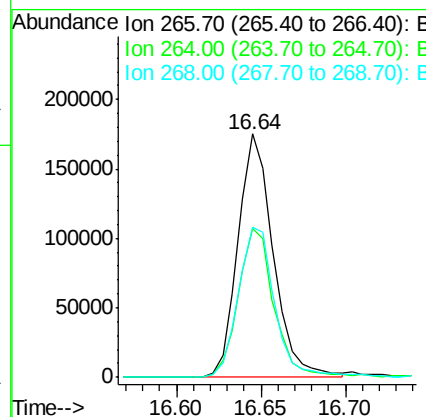
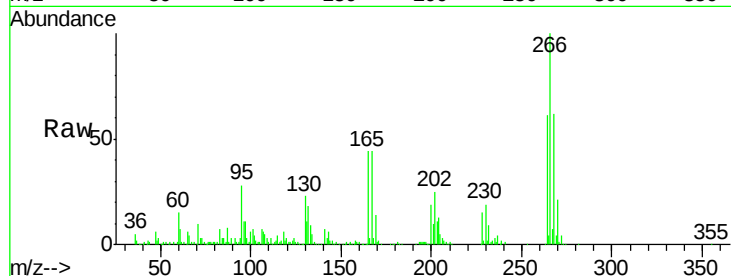




#68
 Pentachlorophenol
 Concen: 58.189 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BM013873.D
 Acq: 27 Jan 2018 08:32

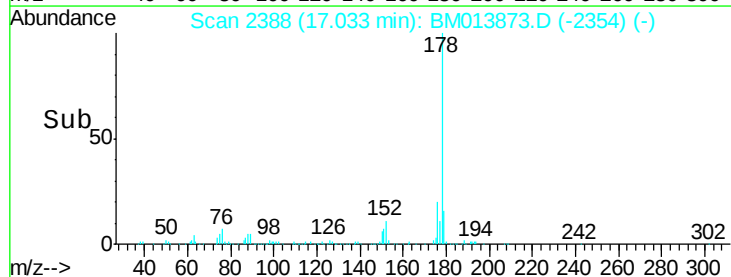
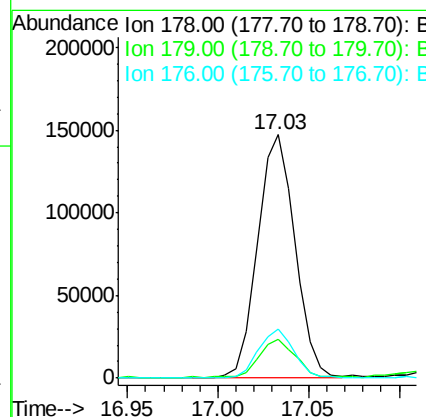
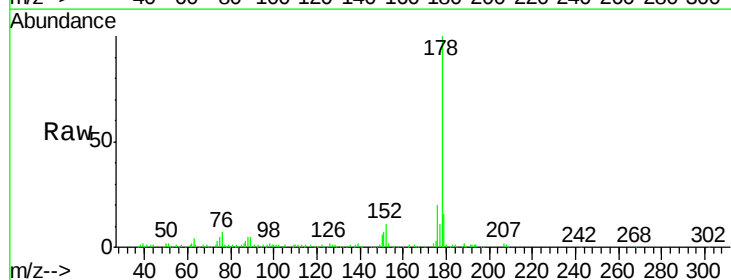
Instrument :
 BNA_M
 ClientSampleId :

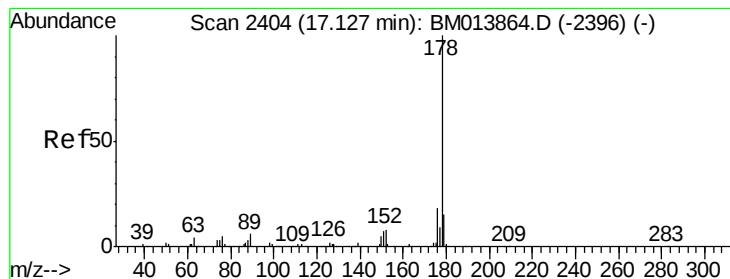
Tot Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.3	73.9
268	61.7	52.6	78.8



#69
 Phenanthrene
 Concen: 5.865 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013873.D
 Acq: 27 Jan 2018 08:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.0	14.9	22.3





#71

Anthracene

Concen: 5.686 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013873.D

Acq: 27 Jan 2018 08:32

Instrument :

BNA_M

ClientSampleId :

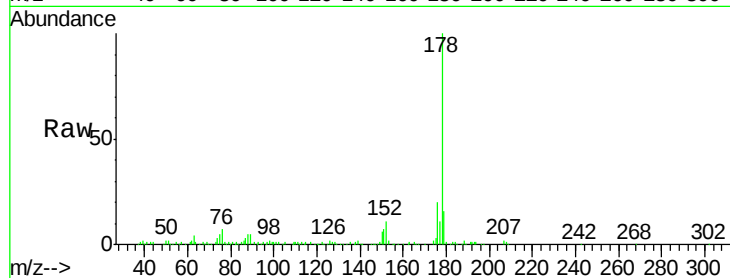
Tot Ion:178 Resp: 211181

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

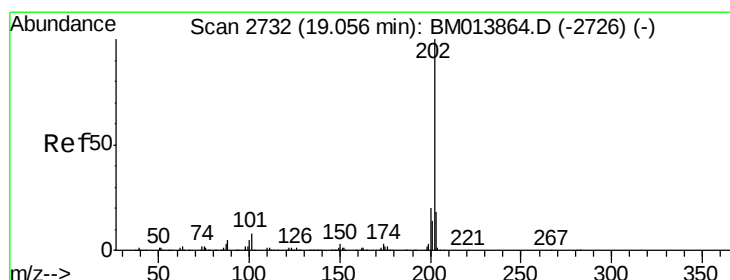
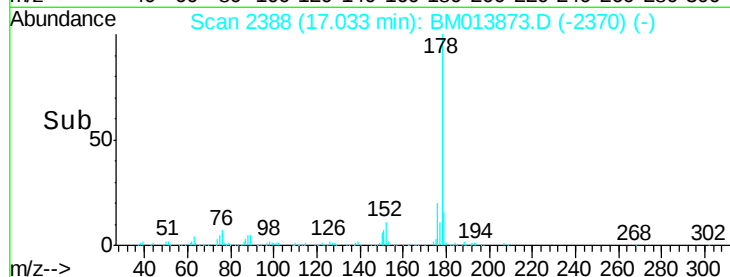
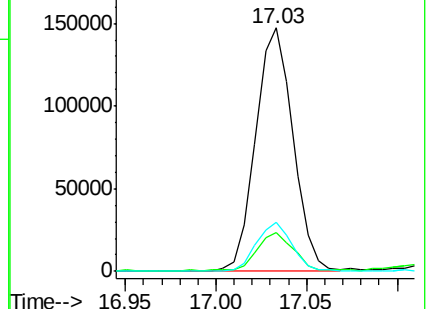
176 20.0 14.6 21.8



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: 2.101 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BM013873.D

Acq: 27 Jan 2018 08:32

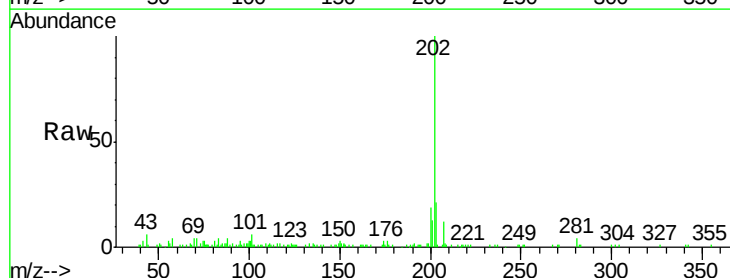
Tgt Ion:202 Resp: 90305

Ion Ratio Lower Upper

202 100

101 6.1 4.6 7.0

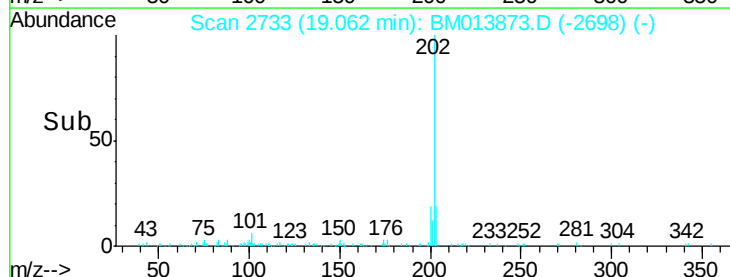
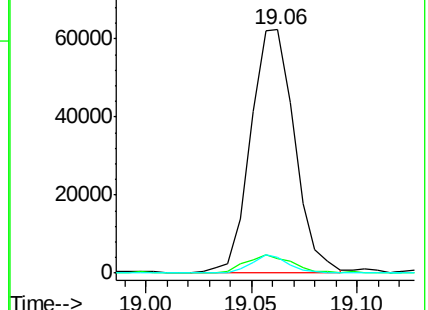
100 6.3 3.4 5.2#

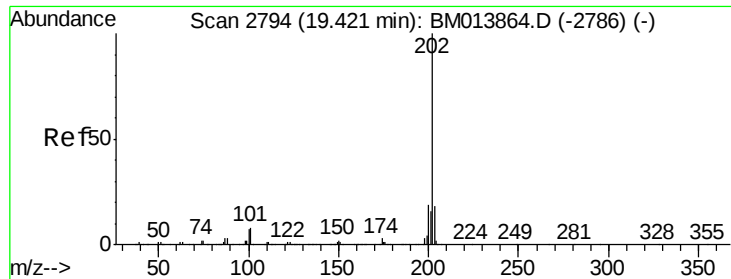


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

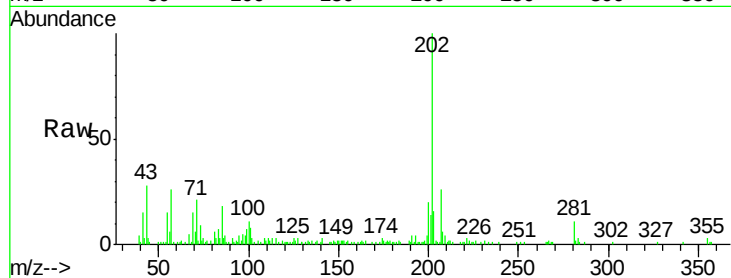




#77
 Pvrene
 Concen: 1.553 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BM013873.D
 Acq: 27 Jan 2018 08:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	5.1	7.7#
100	10.8	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

