

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM012818\
 Data File : BM013940.D
 Acq On : 29 Jan 2018 01:50
 Operator : SJ/JU
 Sample : J1245-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B67

Quant Time: Feb 12 13:43:12 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	176847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	727900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	432049	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	945522	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	809252	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	750284	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	13869	3.10	ng/uL	0.00
5) Phenol-d5	6.76	99	267678	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	173041	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	238095	21.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	138393	13.26	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	129533	22.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	137082	22.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	242949	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	237380	23.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	870043	24.43	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1062099	23.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	88305	15.26	ng/ul	0.00
57) Fluorene-d10	15.23	176	763384	24.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	93214	16.38	ng/ul	0.00
70) Anthracene-d10	17.09	188	1137838	24.71	ng/ul	0.00
76) Pyrene-d10	19.39	212	1150888	30.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	878114	25.46	ng/ul	0.00

Target Compounds

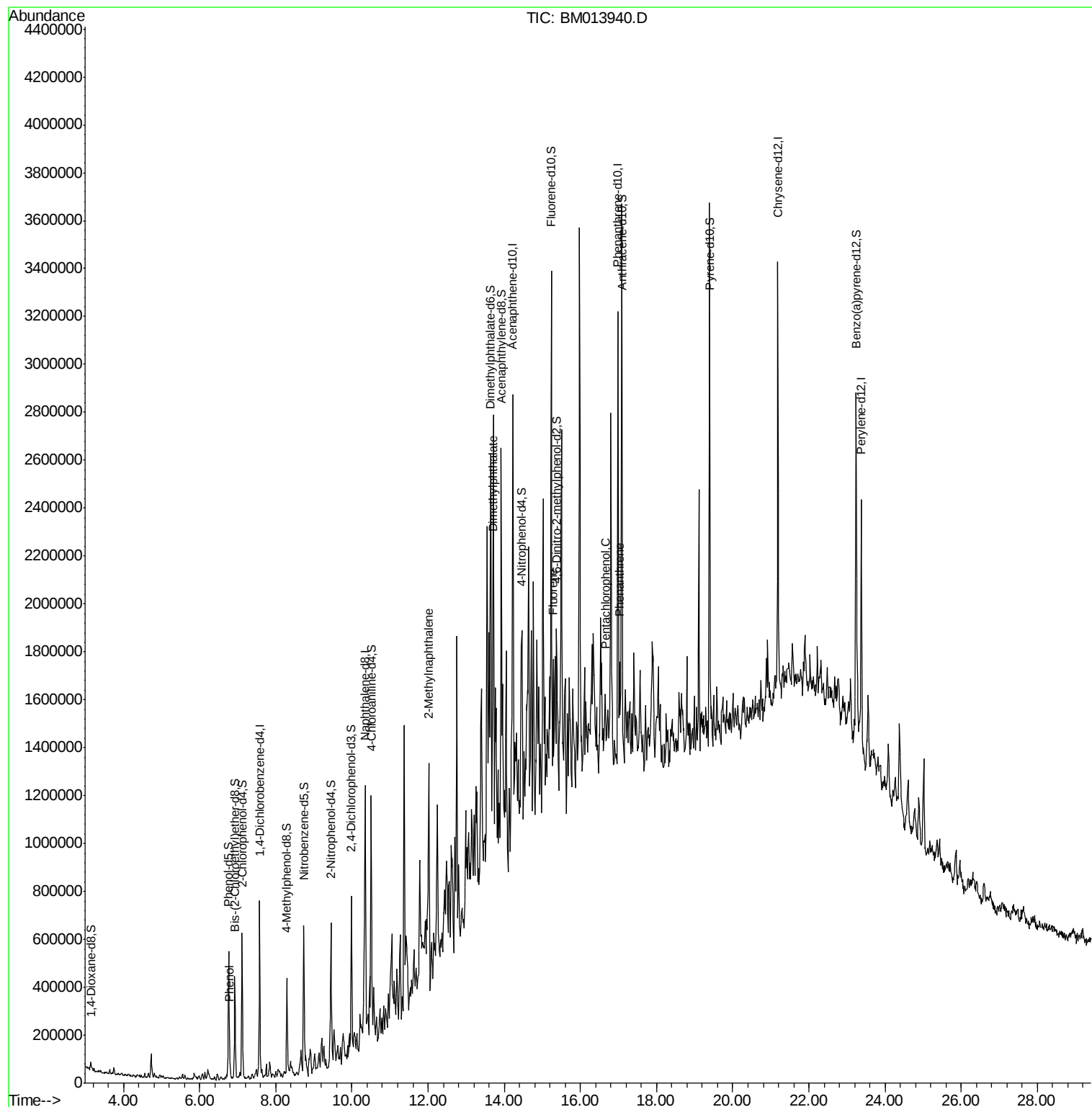
					Qvalue	
6) Phenol	6.79	94	31246	2.295	ng/ul#	83
34) 2-Methylnaphthalene	12.02	142	369892	13.700	ng/ul	93
44) Dimethylphthalate	13.70	163	115771	3.307	ng/ul#	97
58) Fluorene	15.29	166	59106	1.667	ng/ul#	90
68) Pentachlorophenol	16.64	266	25608	4.009	ng/ul#	81
69) Phenanthrene	17.03	178	201061	3.826	ng/ul	95

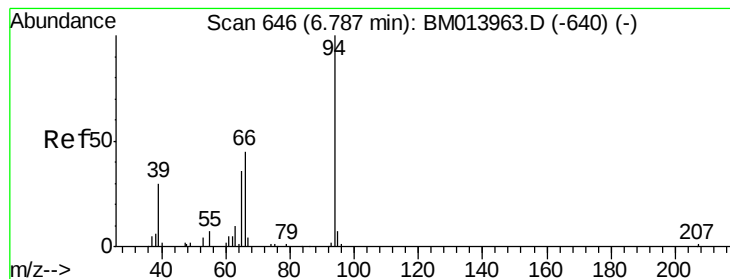
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.295 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013940.D

Acq: 29 Jan 2018 01:50

Instrument :

BNA_M

ClientSampled :

F6B67

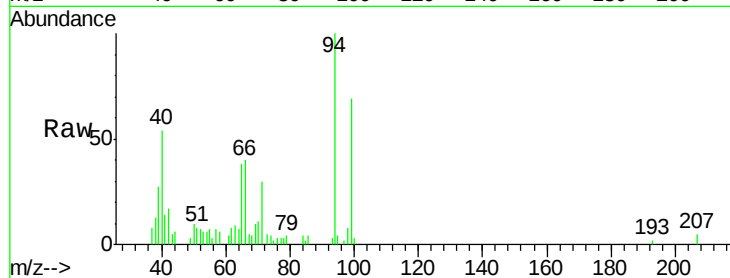
Tgt Ion: 94 Resp: 31246

Ion Ratio Lower Upper

94 100

65 37.8 28.2 42.4

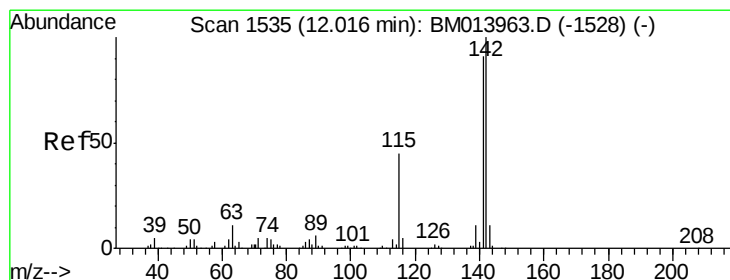
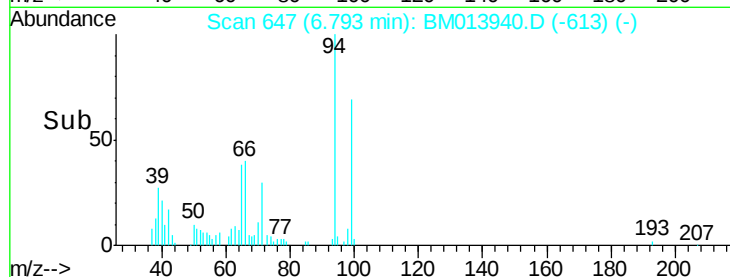
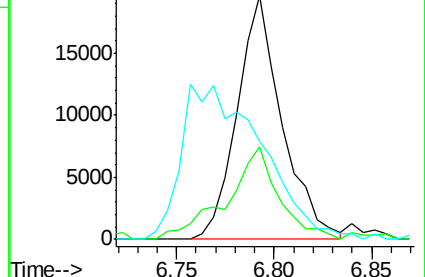
66 40.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013963.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013963.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013963.D (-640) (-)



#34

2-Methylnaphthalene

Concen: 13.700 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM013940.D

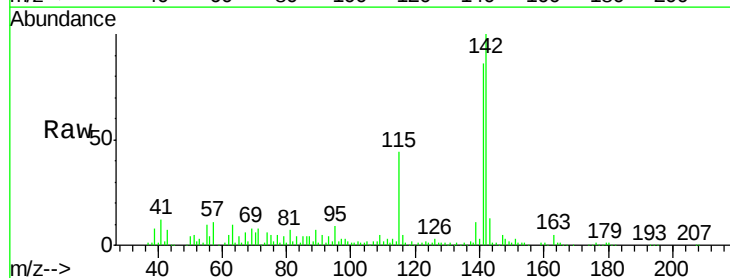
Acq: 29 Jan 2018 01:50

Tgt Ion: 142 Resp: 369892

Ion Ratio Lower Upper

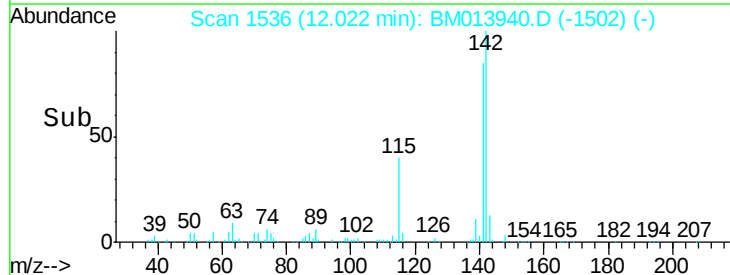
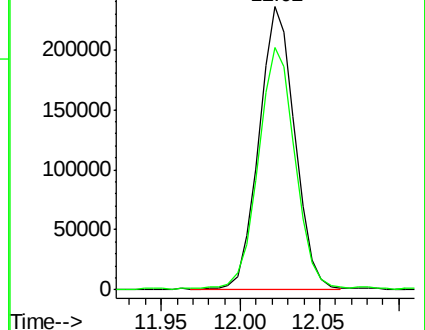
142 100

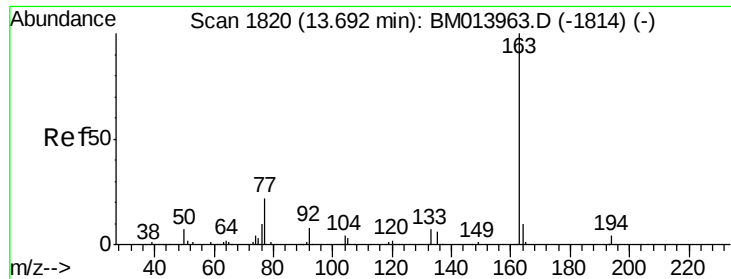
141 85.6 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): BM013963.D (-1528) (-)

Ion 141.00 (140.70 to 141.70): BM013963.D (-1528) (-)

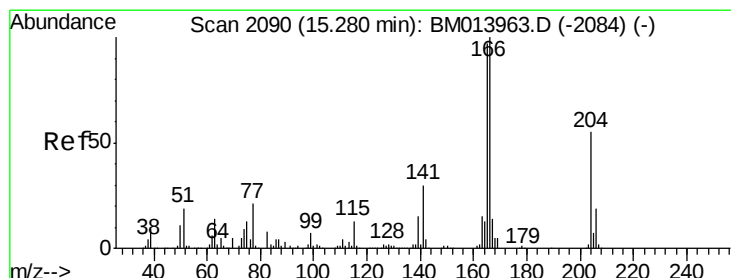
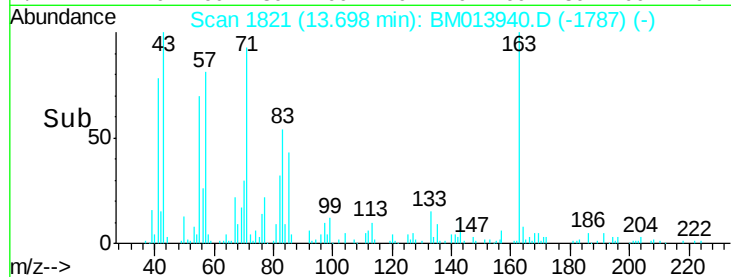
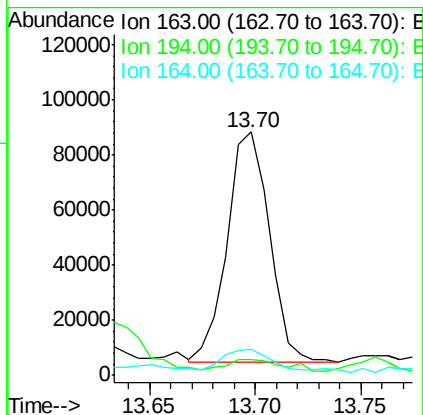
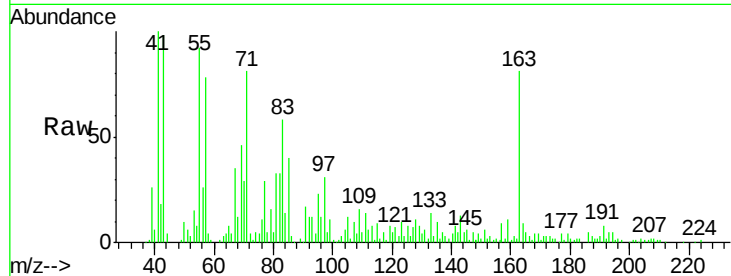




#44
Dimethylphthalate
Concen: 3.307 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013940.D
Acq: 29 Jan 2018 01:50

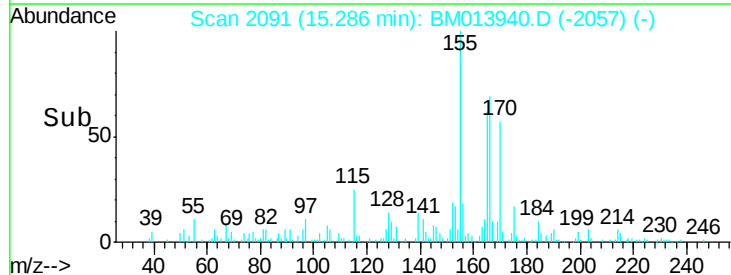
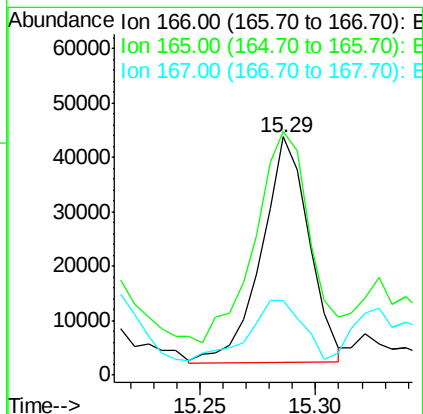
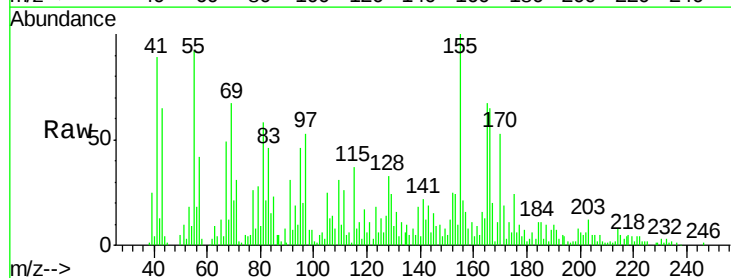
Instrument :
BNA_M
ClientSampleId :
F6B67

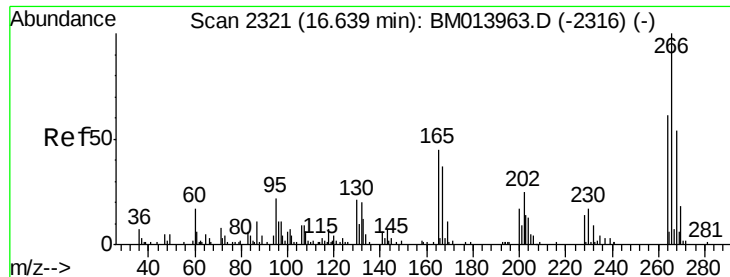
Tgt Ion:163 Resp: 115771
Ion Ratio Lower Upper
163 100
194 6.5 3.5 5.3#
164 10.6 8.2 12.4



#58
Fluorene
Concen: 1.667 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM013940.D
Acq: 29 Jan 2018 01:50

Tgt Ion:166 Resp: 59106
Ion Ratio Lower Upper
166 100
165 102.2 77.9 116.9
167 31.3 10.6 16.0#

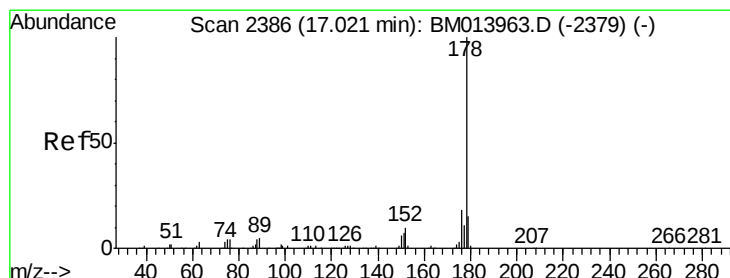
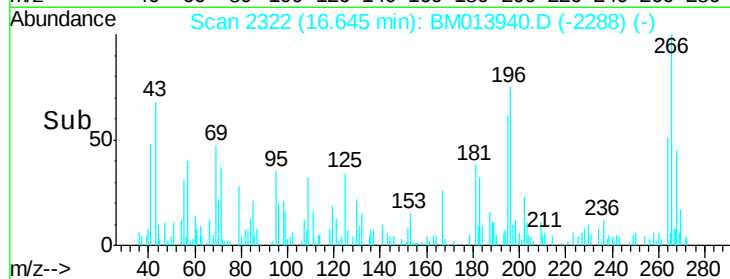
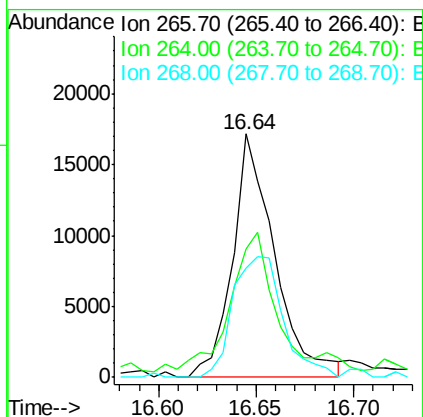
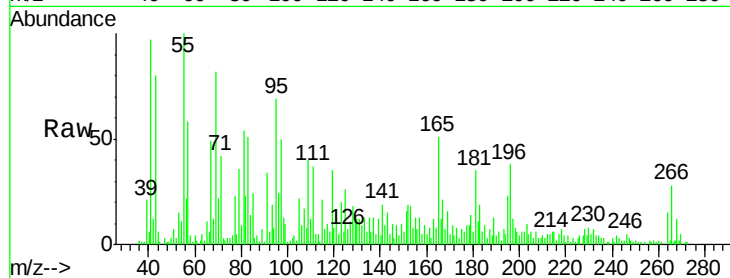




#68
 Pentachlorophenol
 Concen: 4.009 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013940.D
 Acq: 29 Jan 2018 01:50

Instrument :
 BNA_M
 ClientSampleId :
 F6B67

Tgt Ion:266 Resp: 25608
 Ion Ratio Lower Upper
 266 100
 264 53.0 49.3 73.9
 268 44.7 52.6 78.8#



#69
 Phenanthrene
 Concen: 3.826 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM013940.D
 Acq: 29 Jan 2018 01:50

Tgt Ion:178 Resp: 201061
 Ion Ratio Lower Upper
 178 100
 179 18.9 12.6 19.0
 176 19.8 14.9 22.3

