

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013680.D
 Acq On : 20 Jan 2018 14:06
 Operator : SJ/JU
 Sample : J1097-08RX
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 02:14:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 02:14:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	145168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	584624	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	310805	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	697871	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	763099	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	778789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	14744	4.01	ng/uL	0.00
5) Phenol-d5	6.79	99	302618	27.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	183762	27.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	253467	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	217816	25.42	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	128541	28.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	137853	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	258233	27.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	300917	37.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	765774	29.90	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	987401	30.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	22852	5.49	ng/ul	0.01
57) Fluorene-d10	15.26	176	678174	30.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	450	0.11	ng/ul	-0.02
70) Anthracene-d10	17.12	188	1024546	30.14	ng/ul	0.00
76) Pyrene-d10	19.42	212	1138456	32.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1153658	32.23	ng/ul	0.00

Target Compounds

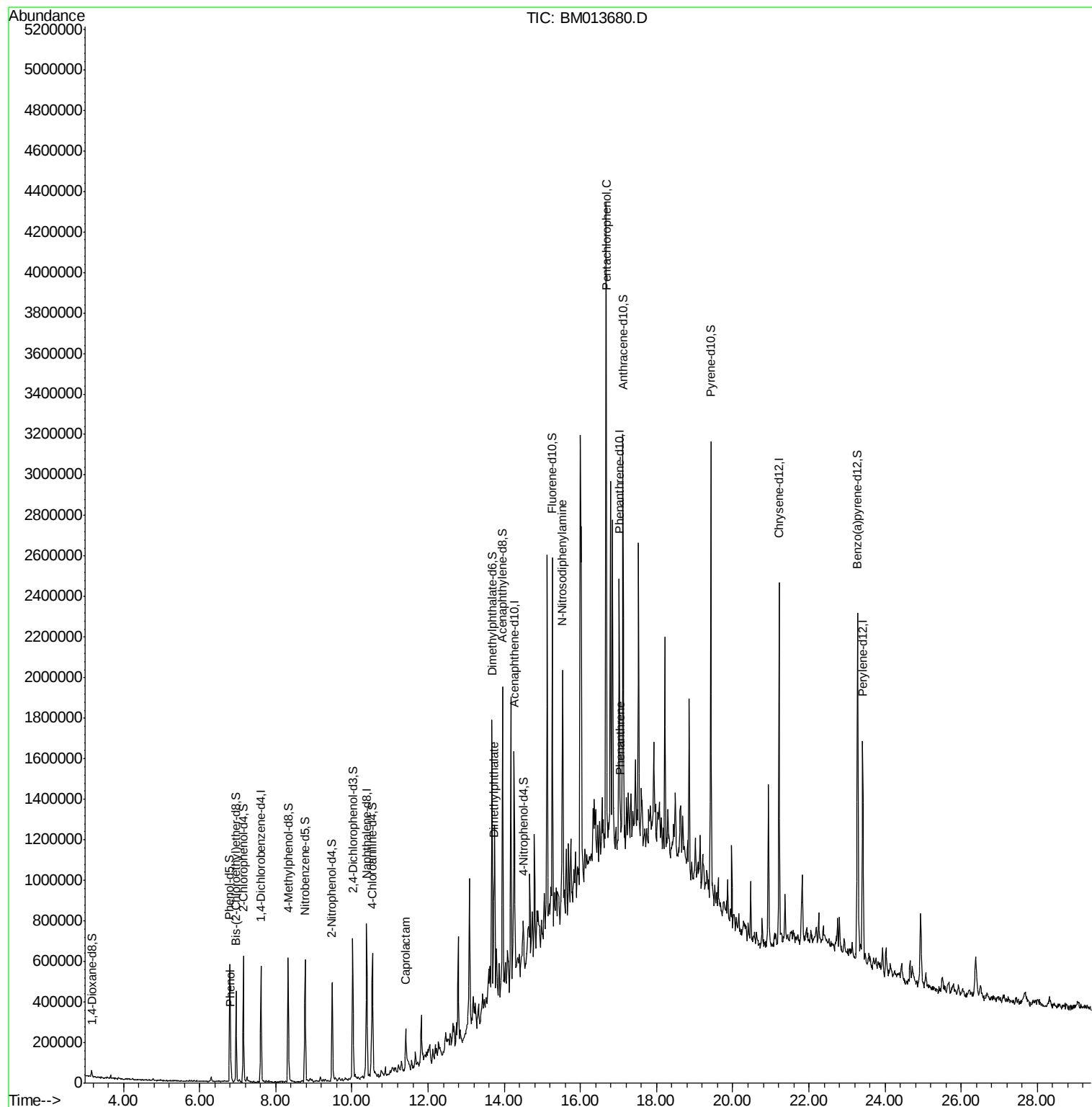
					Ovalue	
6) Phenol	6.82	94	42107	3.767	ng/ul#	83
32) Caprolactam	11.41	113	6391	2.574	ng/ul	98
44) Dimethylphthalate	13.73	163	235473	9.349	ng/ul	99
64) N-Nitrosodiphenylamine	15.53	169	40677	1.982	ng/ul#	43
68) Pentachlorophenol	16.67	266	522419	110.806	ng/ul	98
69) Phenanthrene	17.06	178	43165	1.113	ng/ul#	81

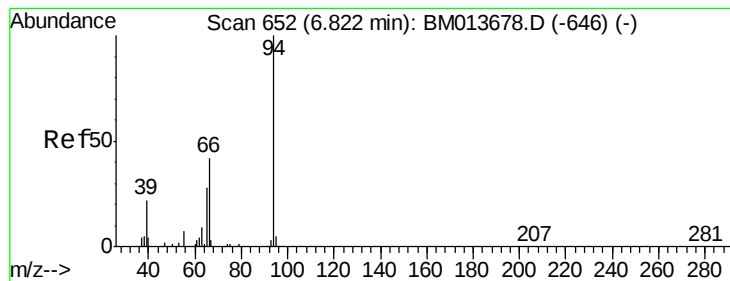
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.767 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM013680.D

Acq: 20 Jan 2018 14:06

Instrument :

BNA_M

ClientSampleId :

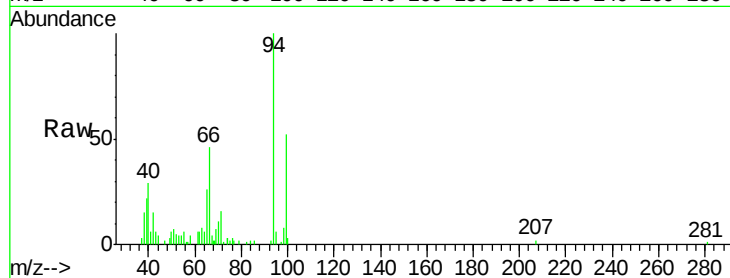
Tot Ion: 94 Resp: 42107

Ion Ratio Lower Upper

94 100

65 26.5 28.2 42.4#

66 45.6 47.2 70.8#

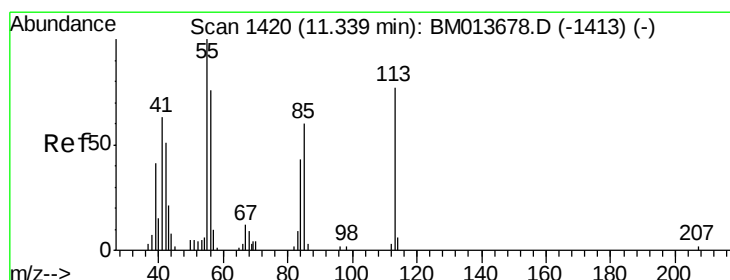
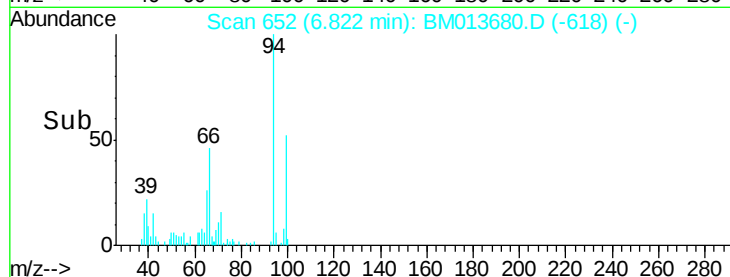
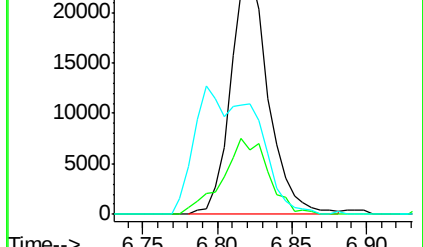


Abundance Ion 94.00 (93.70 to 94.70): BM013678.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM013678.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM013678.D (-646) (-)

Time-->



#32

Caprolactam

Concen: 2.574 ng/ul

RT: 11.41 min Scan# 1432

Delta R.T. 0.07 min

Lab File: BM013680.D

Acq: 20 Jan 2018 14:06

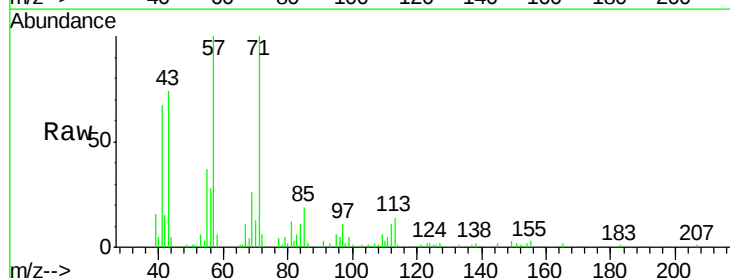
Tgt Ion: 113 Resp: 6391

Ion Ratio Lower Upper

113 100

55 261.3 208.0 312.0

56 203.9 160.0 240.0

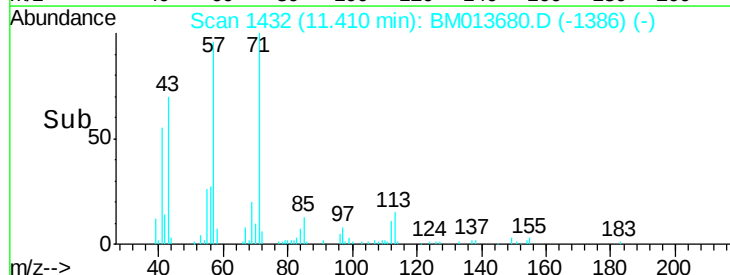
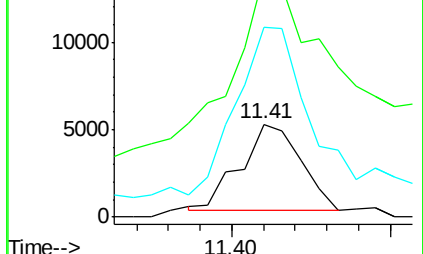


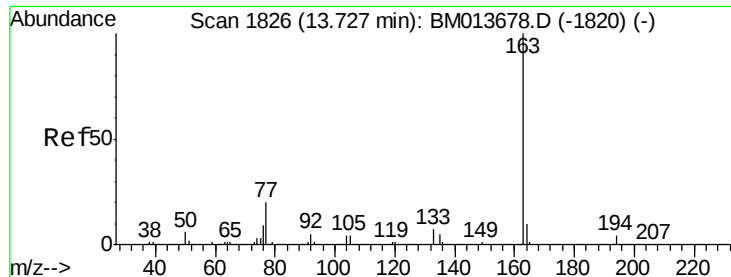
Abundance Ion 113.00 (112.70 to 113.70): BM013678.D (-1413) (-)

Ion 55.00 (54.70 to 55.70): BM013678.D (-1413) (-)

Ion 56.00 (55.70 to 56.70): BM013678.D (-1413) (-)

Time-->

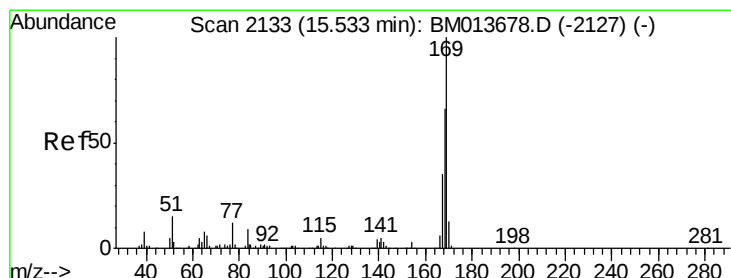
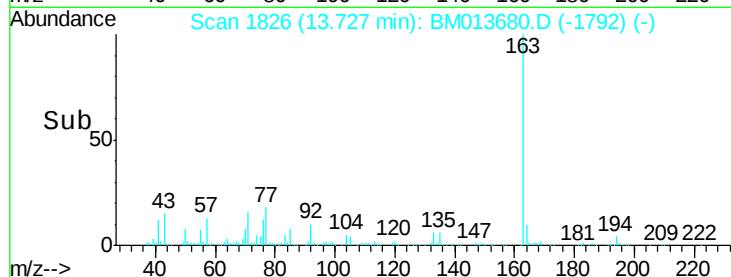
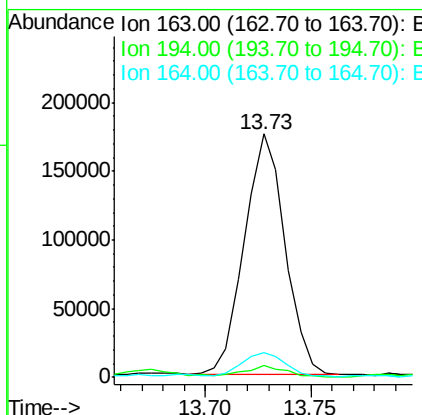
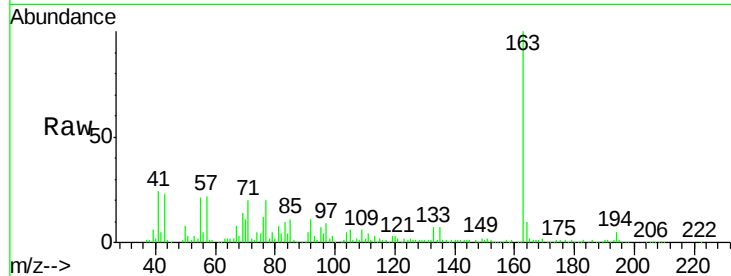




#44
Dimethylphthalate
Concen: 9.349 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM013680.D
Acq: 20 Jan 2018 14:06

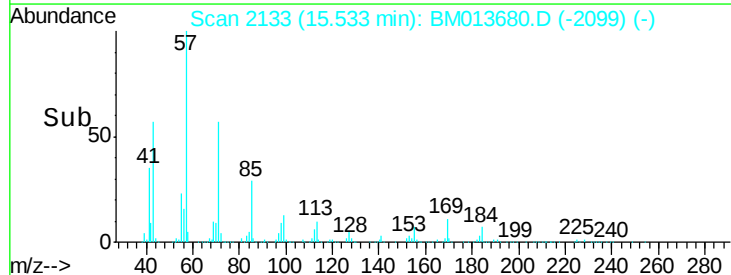
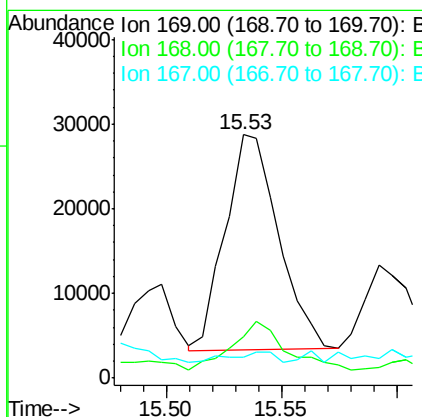
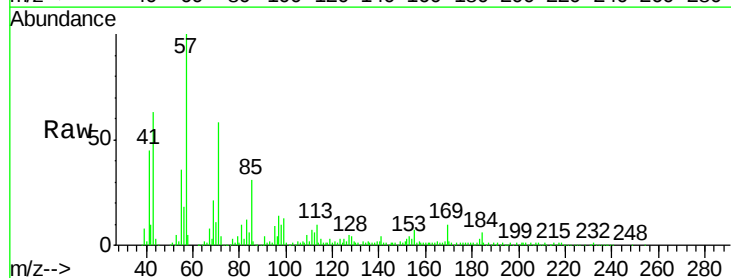
Instrument :
BNA_M
ClientSampleId :

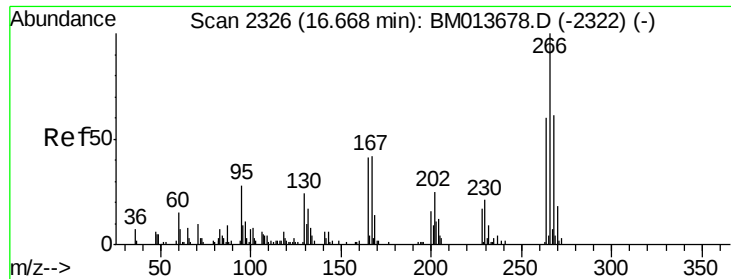
Tot Ion:163 Resp: 235473
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.0 8.2 12.4



#64
N-Nitrosodiphenylamine
Concen: 1.982 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM013680.D
Acq: 20 Jan 2018 14:06

Tgt Ion:169 Resp: 40677
Ion Ratio Lower Upper
169 100
168 17.1 54.0 81.0#
167 8.6 29.1 43.7#

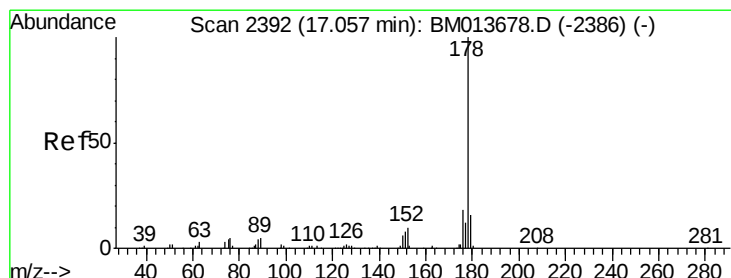
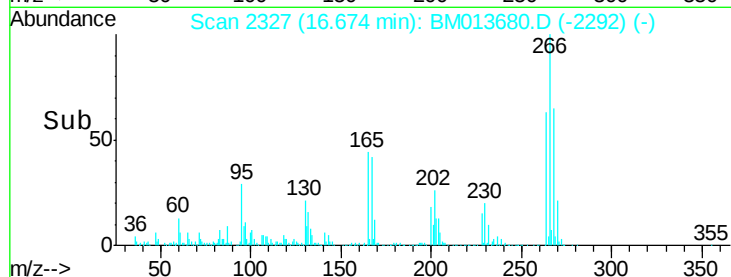
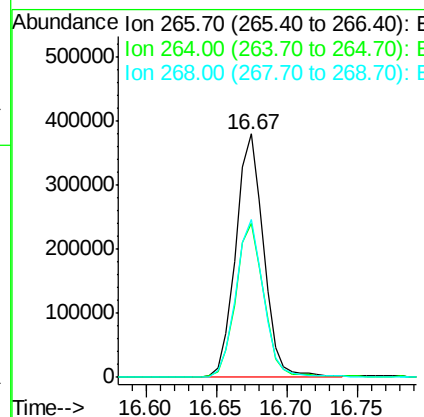
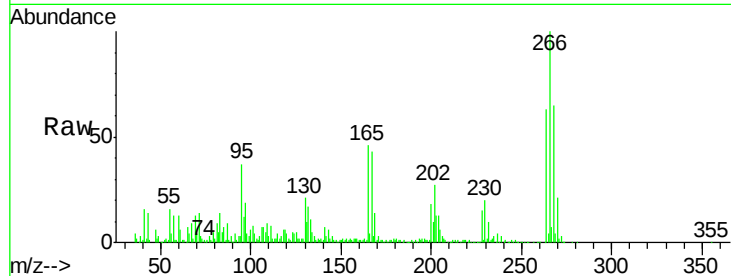




#68
 Pentachlorophenol
 Concen: 110.806 ng/ul
 RT: 16.67 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BM013680.D
 Acq: 20 Jan 2018 14:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.3	73.9
268	65.0	52.6	78.8



#69
 Phenanthrene
 Concen: 1.113 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM013680.D
 Acq: 20 Jan 2018 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.1	12.6	19.0#
176	24.1	14.9	22.3#

