

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
 Data File : BM016016.D
 Acq On : 20 Jul 2018 13:06
 Operator : SJ/JU
 Sample : J4024-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 20 23:14:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 20 23:12:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	44042	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	219387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	135884	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	322812	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	376187	20.00	ng/ul	0.00
85) Perylene-d12	24.10	264	360471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5700	5.70	ng/uL	0.00
5) Phenol-d5	7.42	99	12658	3.14	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	42611	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	45435	13.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	27288	7.92	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	28644	18.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	31227	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	57260	16.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	3253	0.77	ng/ul	0.04
43) Dimethylphthalate-d6	14.28	166	242477	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	265031	18.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	5208	2.43	ng/ul	0.02
57) Fluorene-d10	15.86	176	203508	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	29582	13.73	ng/ul	0.00
70) Anthracene-d10	17.70	188	329634	19.95	ng/ul	0.00
78) Pyrene-d10	19.96	212	389095	22.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.95	264	413636	20.86	ng/ul	0.00

Target Compounds

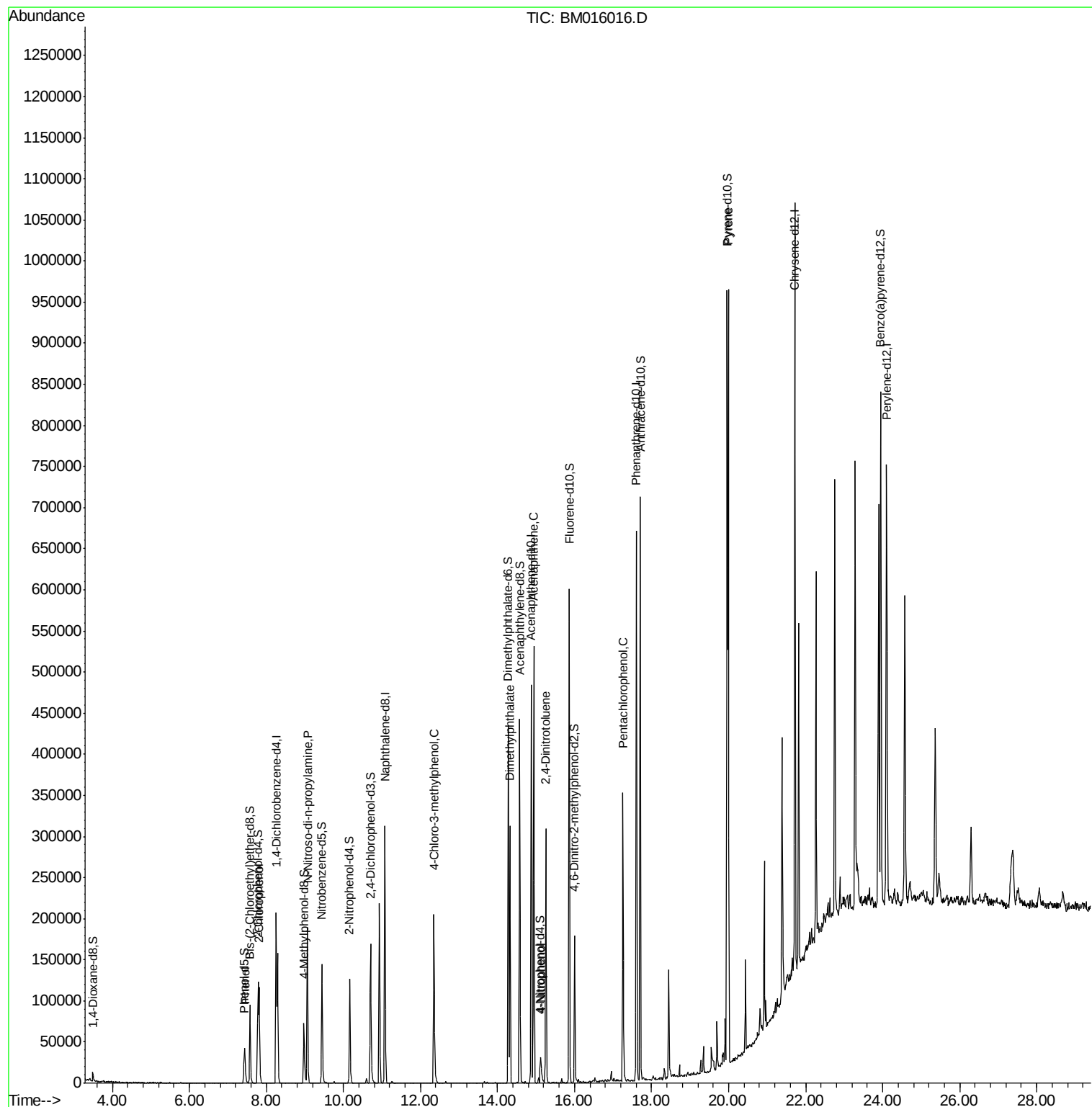
					Ovalue	
6) Phenol	7.45	94	21261	5.261	ng/ul#	79
10) 2-Chlorophenol	7.81	128	44674	13.764	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.06	70	54620	19.065	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.35	107	65266	16.368	ng/ul	100
44) Dimethylphthalate	14.33	163	174049	14.190	ng/ul	99
49) Acenaphthene	14.94	153	188803	18.790	ng/ul	98
52) 4-Nitrophenol	15.12	109	3654	1.428	ng/ul#	75
54) 2,4-Dinitrotoluene	15.25	165	66003	18.763	ng/ul#	52
68) Pentachlorophenol	17.26	266	43099	20.640	ng/ul	96
79) Pyrene	19.99	202	502355	22.652	ng/ul#	93

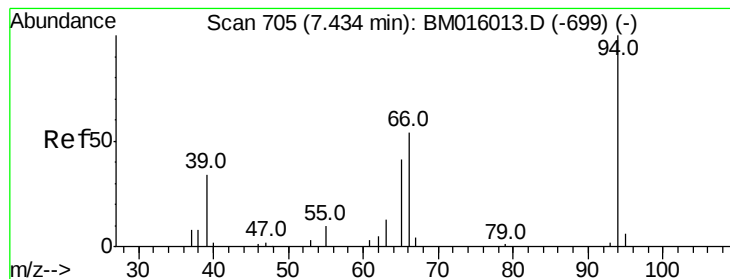
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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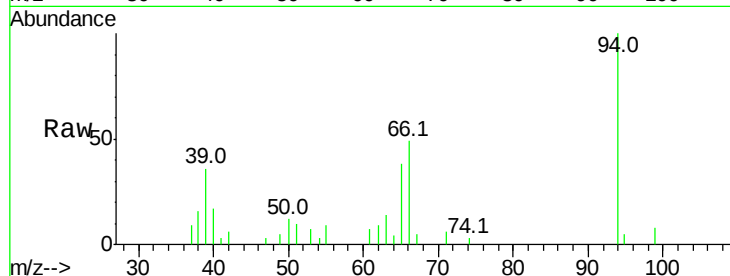
#6

Phenol

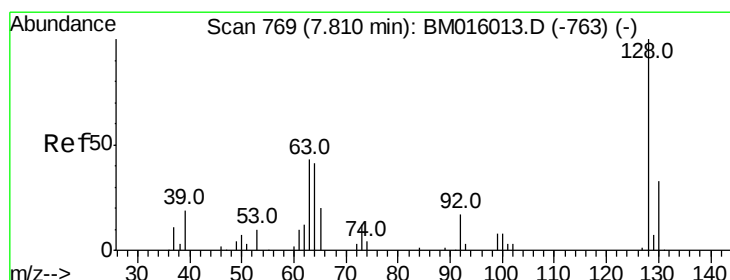
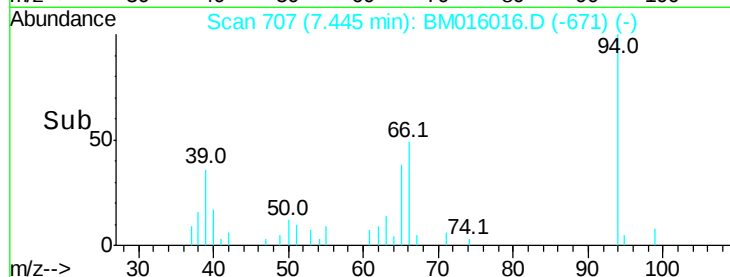
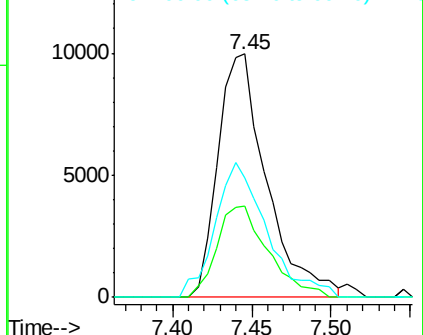
Concen: 5.261 ng/ul
 RT: 7.45 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BM016016.D
 Acq: 20 Jul 2018 13:06

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 21261
 Ion Ratio Lower Upper
 94 100
 65 37.6 21.0 31.6#
 66 49.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM016013.D (-699) (-)
 Ion 65.00 (64.70 to 65.70): BM016013.D (-699) (-)
 Ion 66.00 (65.70 to 66.70): BM016013.D (-699) (-)

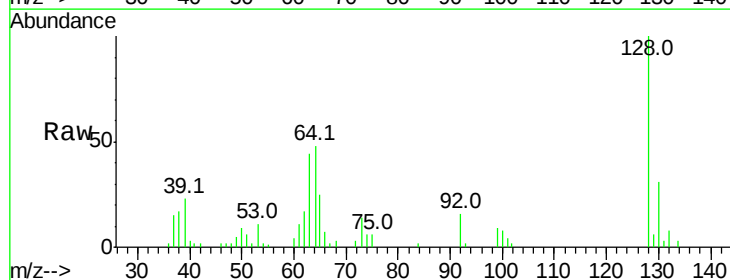


#10

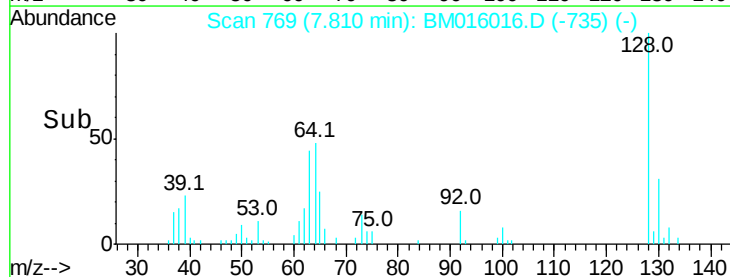
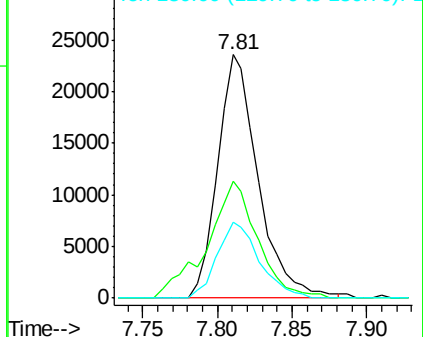
2-Chlorophenol

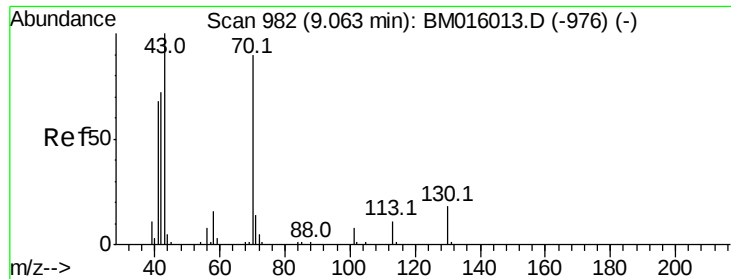
Concen: 13.764 ng/ul
 RT: 7.81 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BM016016.D
 Acq: 20 Jul 2018 13:06

Tgt Ion: 128 Resp: 44674
 Ion Ratio Lower Upper
 128 100
 64 48.3 31.9 47.9#
 130 31.1 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BM016013.D (-763) (-)
 Ion 64.00 (63.70 to 64.70): BM016013.D (-763) (-)
 Ion 130.00 (129.70 to 130.70): BM016013.D (-763) (-)

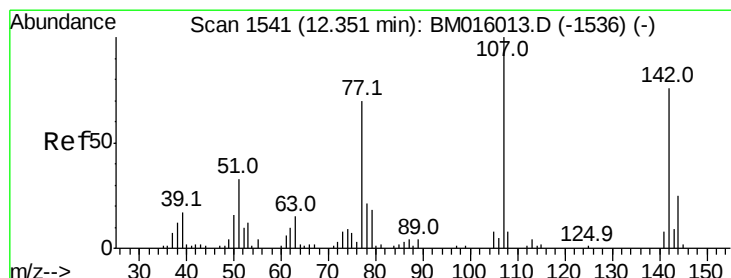
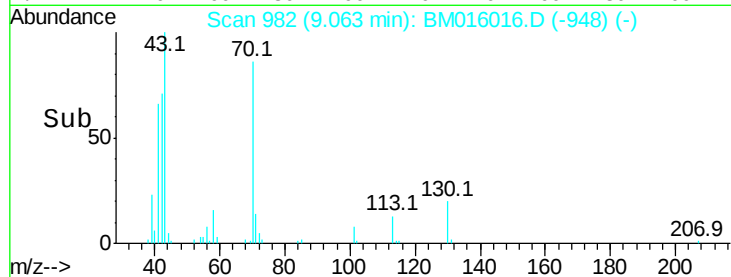
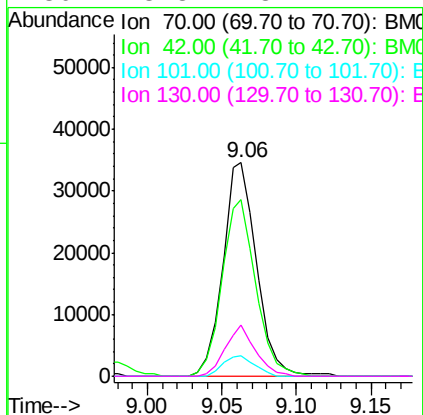
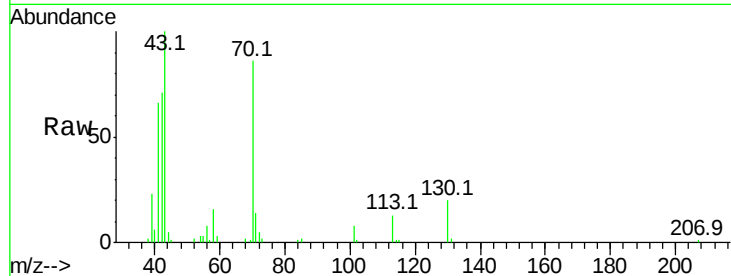




#15
N-Nitroso-di-n-propylamine
Concen: 19.065 ng/ul
RT: 9.06 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM016016.D
Acq: 20 Jul 2018 13:06

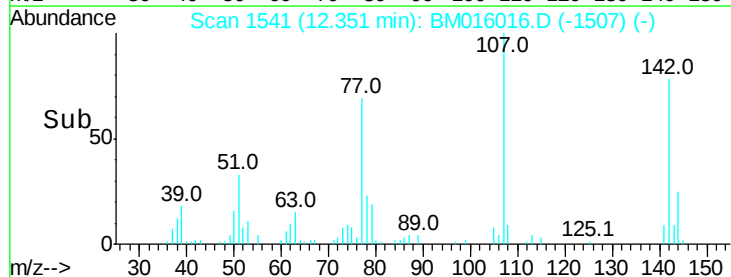
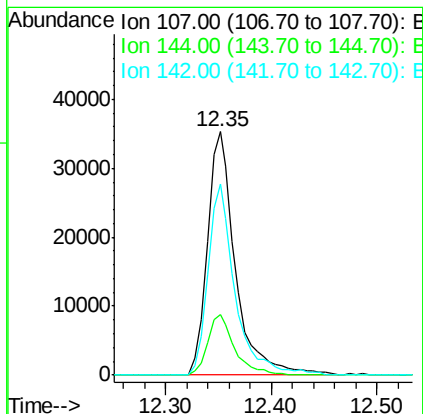
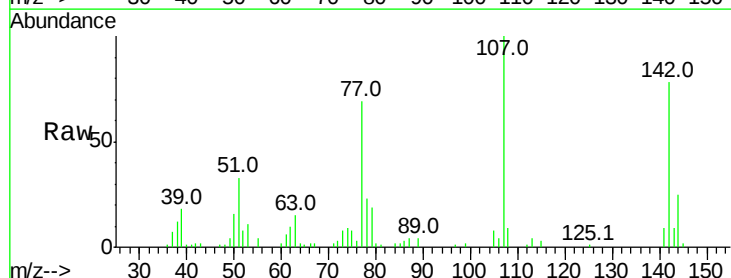
Instrument :
BNA_M
ClientSampled :

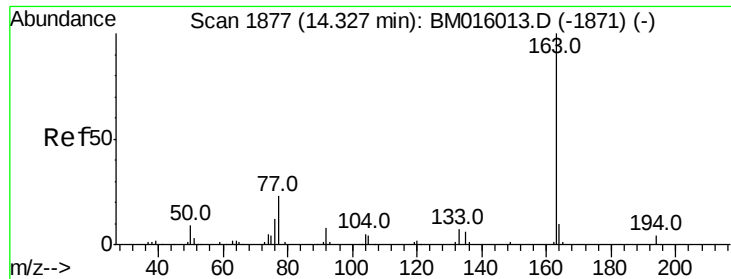
Tot Ion	Ratio	Lower	Upper
70	100		
42	82.7	35.4	53.0#
101	9.9	8.4	12.6
130	23.8	18.2	27.4



#33
4-Chloro-3-methylphenol
Concen: 16.368 ng/ul
RT: 12.35 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BM016016.D
Acq: 20 Jul 2018 13:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.4	30.6
142	78.3	62.5	93.7





#44

Dimethylphthalate

Concen: 14.190 ng/ul

RT: 14.33 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM016016.D

Acq: 20 Jul 2018 13:06

Instrument :

BNA_M

ClientSampleId :

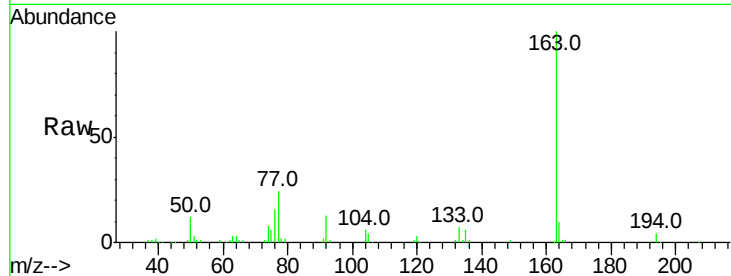
Tot Ion:163 Resp: 174049

Ion Ratio Lower Upper

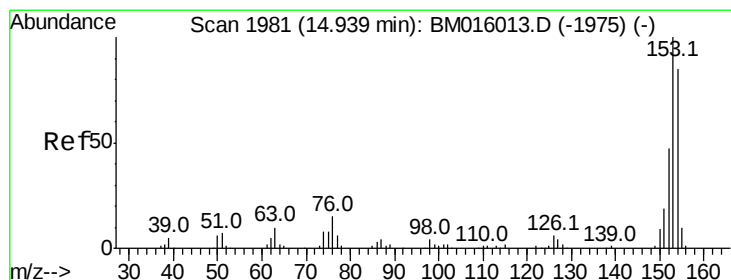
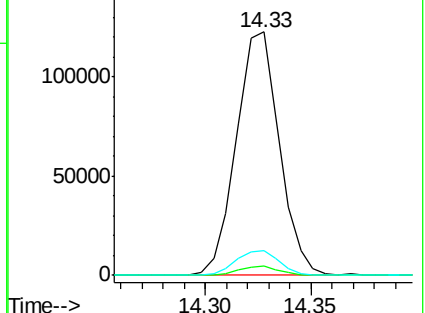
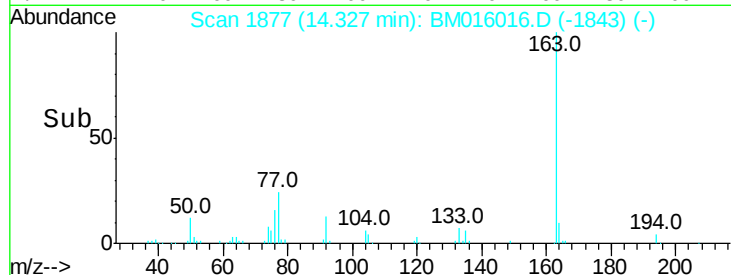
163 100

194 3.7 3.2 4.8

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 18.790 ng/ul

RT: 14.94 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM016016.D

Acq: 20 Jul 2018 13:06

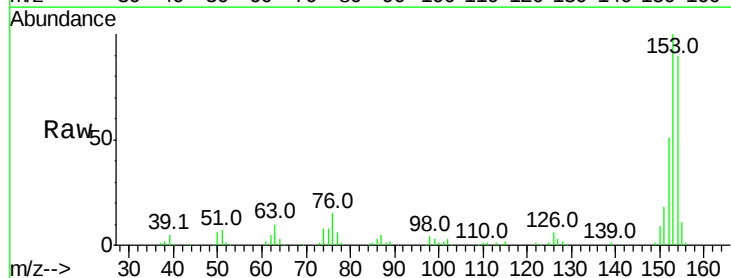
Tgt Ion:153 Resp: 188803

Ion Ratio Lower Upper

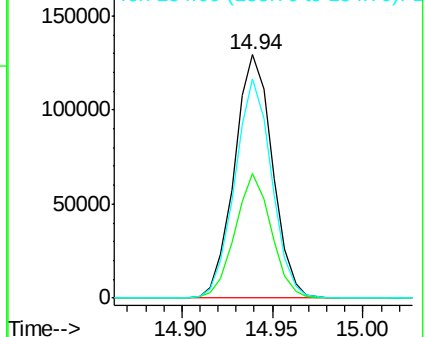
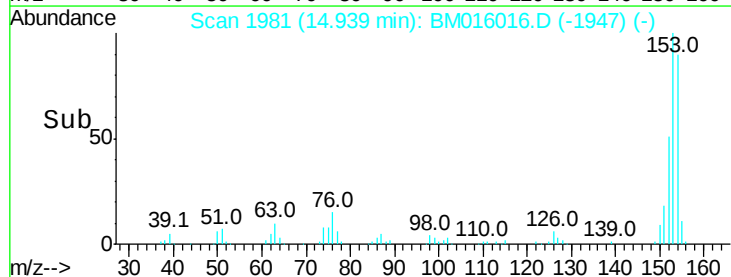
153 100

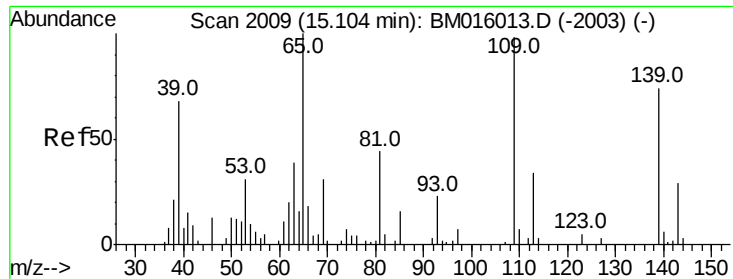
152 51.0 38.3 57.5

154 89.9 71.8 107.8



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





#52

4-Nitrophenol

Concen: 1.428 ng/ul

RT: 15.12 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BM016016.D

Acq: 20 Jul 2018 13:06

Instrument :

BNA_M

ClientSampled :

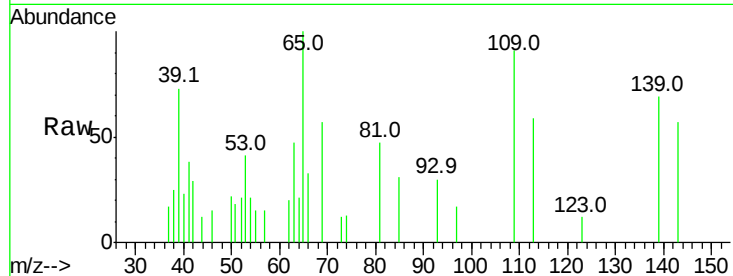
Tot Ion:109 Resp: 3654

Ion Ratio Lower Upper

109 100

139 76.2 103.7 155.5#

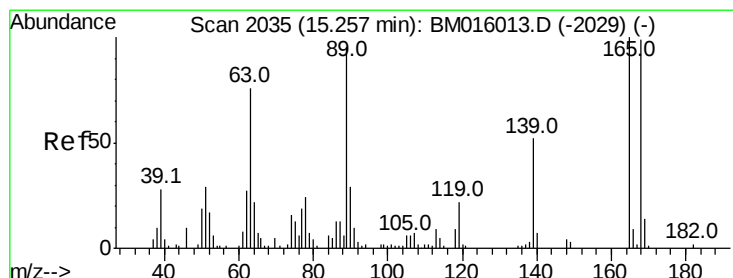
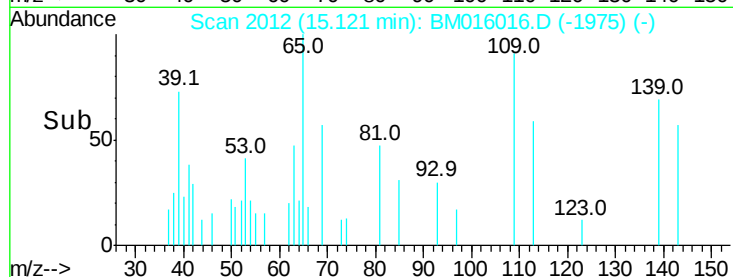
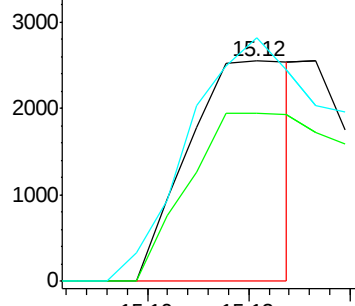
65 110.5 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

2,4-Dinitrotoluene

Concen: 18.763 ng/ul

RT: 15.25 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BM016016.D

Acq: 20 Jul 2018 13:06

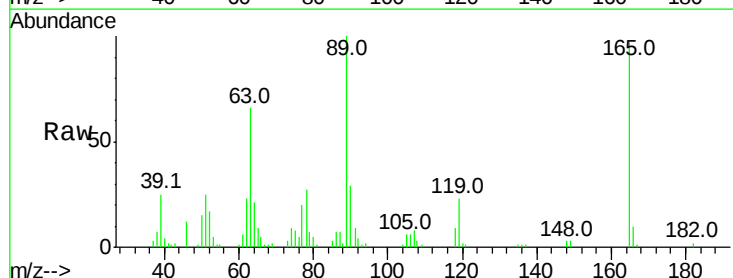
Tgt Ion:165 Resp: 66003

Ion Ratio Lower Upper

165 100

63 68.2 29.8 44.6#

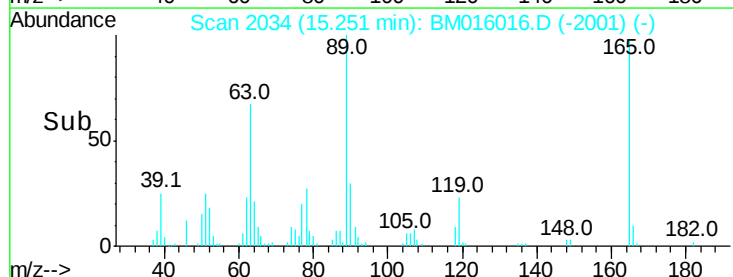
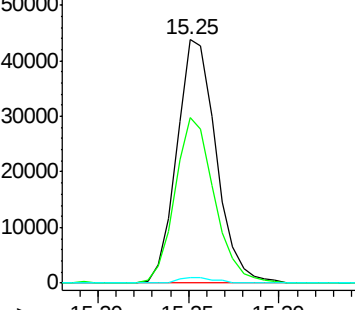
182 2.4 2.2 3.4

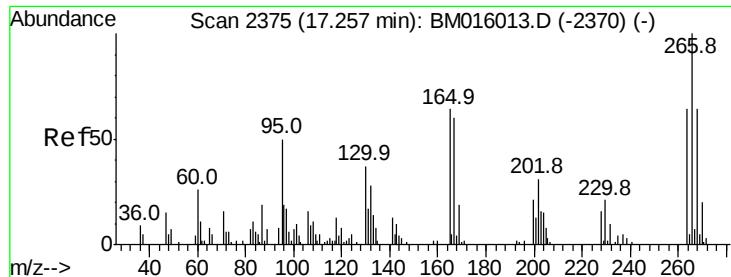


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

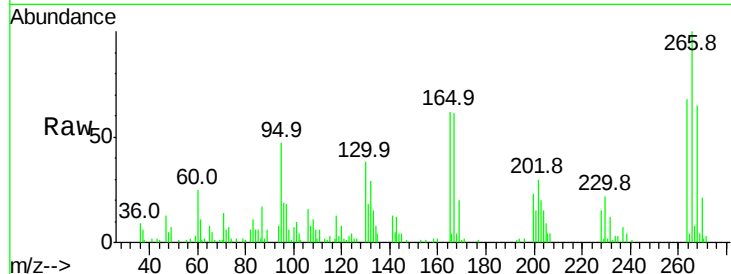




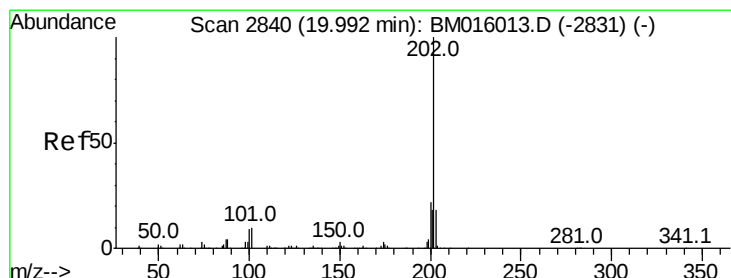
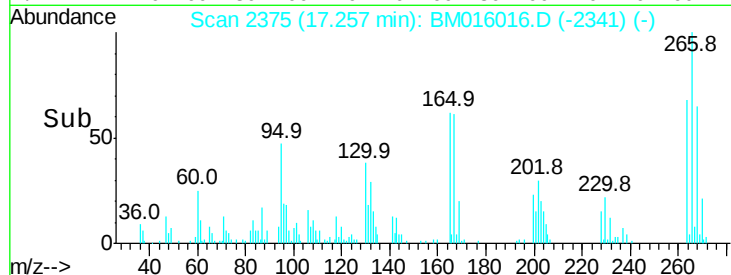
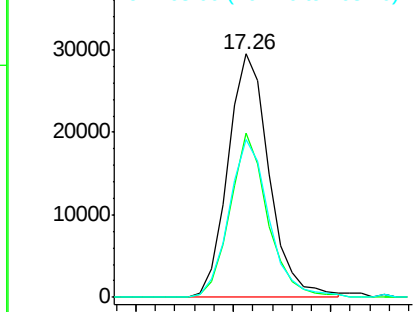
#68
 Pentachlorophenol
 Concen: 20.640 ng/ul
 RT: 17.26 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BM016016.D
 Acq: 20 Jul 2018 13:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	67.5	50.5	75.7
268	64.9	50.9	76.3

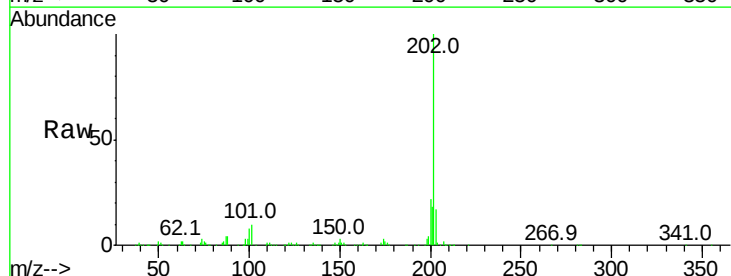


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 22.652 ng/ul
 RT: 19.99 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BM016016.D
 Acq: 20 Jul 2018 13:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	10.2	15.2
100	7.9	8.5	12.7#



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

