

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
 Data File : BM016015.D
 Acq On : 20 Jul 2018 12:29
 Operator : SJ/JU
 Sample : J4024-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1Q2MS

Manual Integrations
 APPROVED

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Quant Time: Jul 20 23:20:12 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	41534	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	202473	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	129438	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	307870	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	366375	20.00	ng/ul	0.00
85) Perylene-d12	24.10	264	357158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	5700	6.04	ng/uL	0.00
5) Phenol-d5	7.42	99	11778	3.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	39243	16.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	42747	13.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	25406	7.82	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	26153	17.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	29270	17.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	53159	16.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	3136	0.81	ng/ul	0.03
43) Dimethylphthalate-d6	14.28	166	229107	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	250020	18.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	4606	2.25	ng/ul	0.02
57) Fluorene-d10	15.86	176	192485	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	27877	13.57	ng/ul	0.00
70) Anthracene-d10	17.70	188	313042	19.86	ng/ul	0.00
78) Pyrene-d10	19.96	212	377776	22.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.95	264	410088	20.88	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.44	94	18492	4.852	ng/ul#	57
10) 2-Chlorophenol	7.81	128	42669	13.940	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.06	70	51842	19.188	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.35	107	59946	16.289	ng/ul	97
44) Dimethylphthalate	14.33	163	165203	14.139	ng/ul	99
49) Acenaphthene	14.94	153	179534	18.757	ng/ul	98
52) 4-Nitrophenol	15.13	109	7273m	2.984	ng/ul	
54) 2,4-Dinitrotoluene	15.26	165	63149	18.846	ng/ul#	56
68) Pentachlorophenol	17.26	266	40076	20.123	ng/ul	97
79) Pyrene	19.99	202	488283	22.607	ng/ul#	94

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

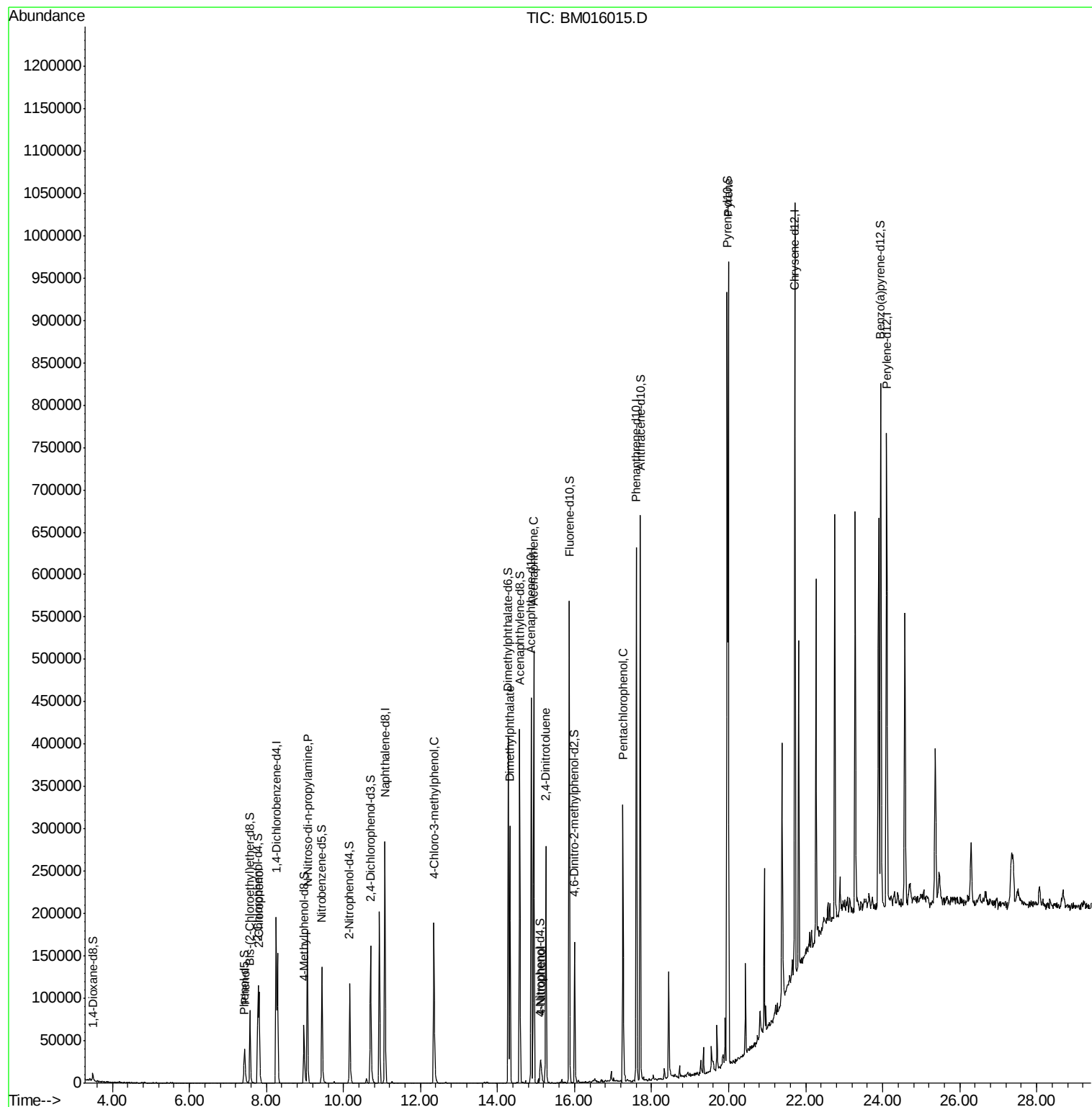
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
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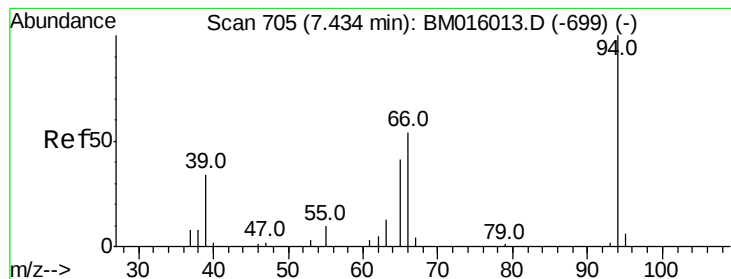
Instrument :
BNA_M
ClientSampleId :
DB1Q2MS

Quant Time: Jul 20 23:20:12 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
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#6

Phenol

Concen: 4.852 ng/ul

RT: 7.44 min Scan# 706

Delta R.T. 0.01 min

Lab File: BM016015.D

Acq: 20 Jul 2018 12:29

Instrument :

BNA_M

ClientSampleId :

DB1Q2MS

Tot Ion: 94 Resp: 18492

Ion Ratio Lower Upper

94 100

65 45.5 21.0 31.6#

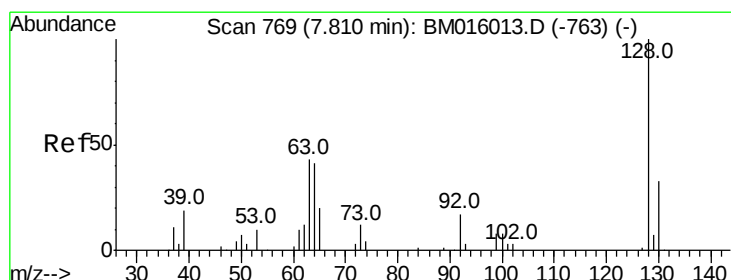
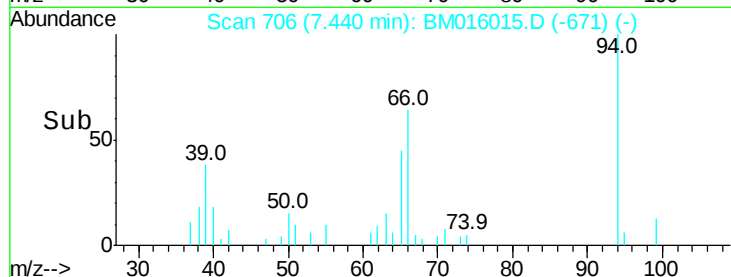
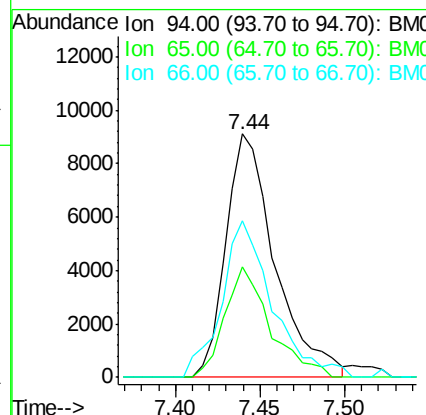
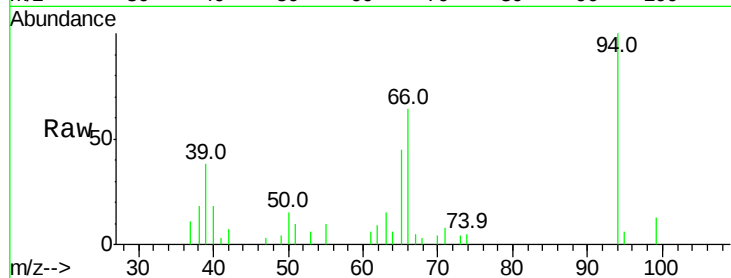
66 64.2 29.3 43.9#

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#10

2-Chlorophenol

Concen: 13.940 ng/ul

RT: 7.81 min Scan# 769

Delta R.T. 0.00 min

Lab File: BM016015.D

Acq: 20 Jul 2018 12:29

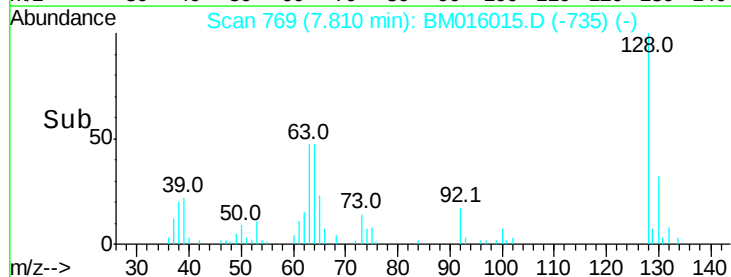
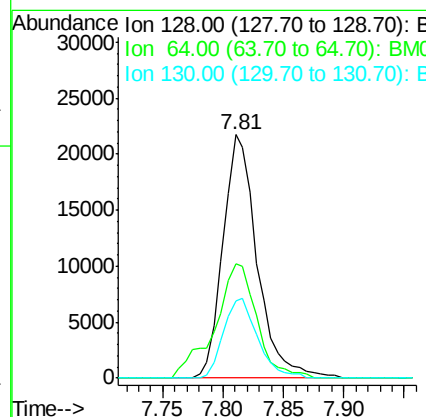
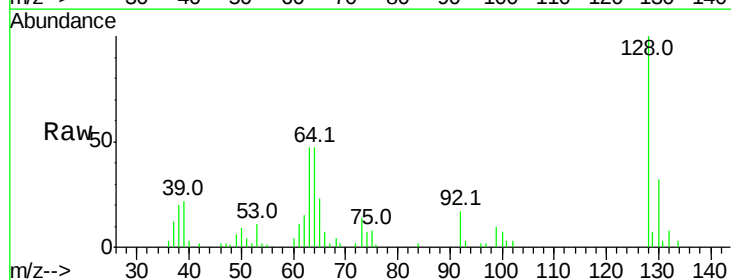
Tgt Ion: 128 Resp: 42669

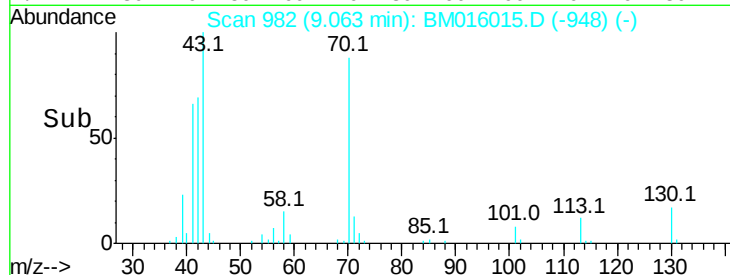
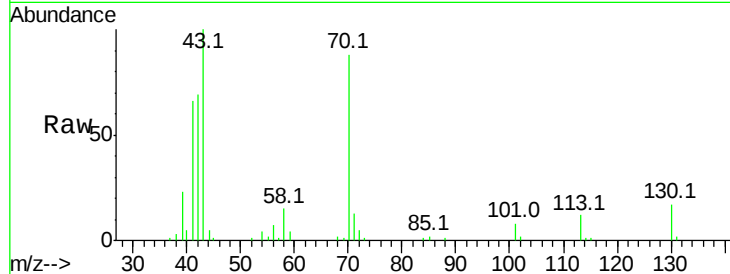
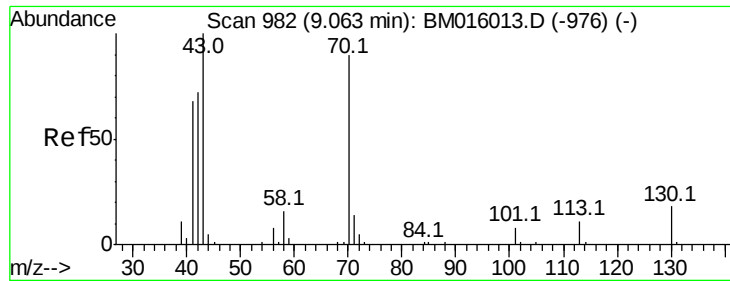
Ion Ratio Lower Upper

128 100

64 46.9 31.9 47.9

130 31.6 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 19.188 ng/ul

RT: 9.06 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM016015.D

Acq: 20 Jul 2018 12:29

Instrument :

BNA_M

ClientSampleId :

DB1Q2MS

Tot Ion: 70 Resp: 51842

Ion Ratio Lower Upper

70 100

42 78.3 35.4 53.0#

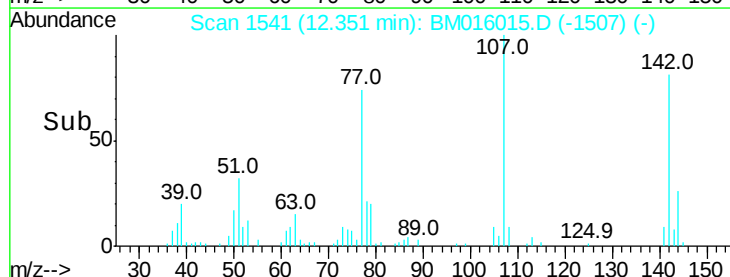
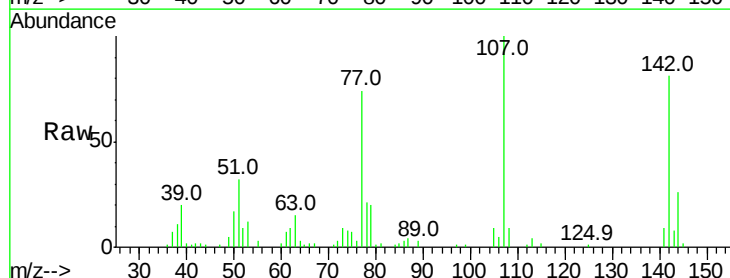
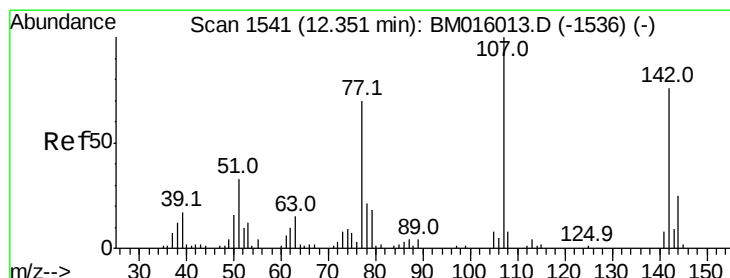
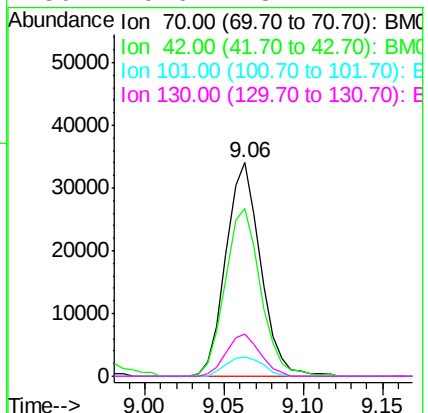
101 9.1 8.4 12.6

130 19.6 18.2 27.4

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#33

4-Chloro-3-methylphenol

Concen: 16.289 ng/ul

RT: 12.35 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM016015.D

Acq: 20 Jul 2018 12:29

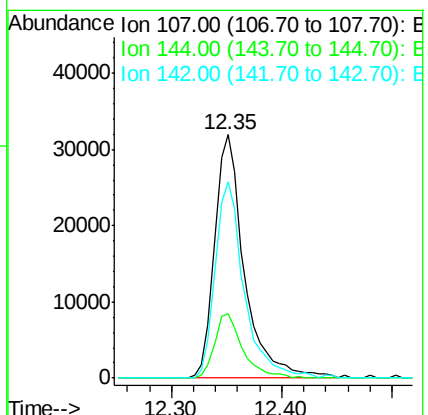
Tgt Ion: 107 Resp: 59946

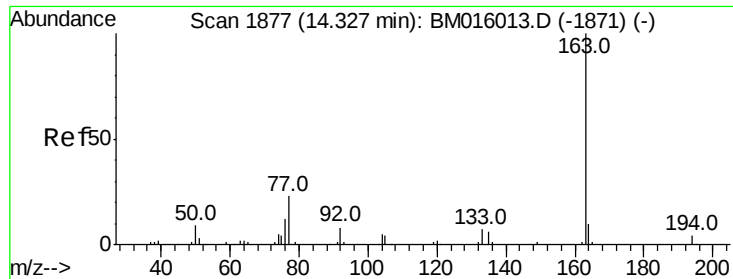
Ion Ratio Lower Upper

107 100

144 26.5 20.4 30.6

142 80.7 62.5 93.7





#44

Dimethylphthalate

Concen: 14.139 ng/ul

RT: 14.33 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM016015.D

Acq: 20 Jul 2018 12:29

Instrument :

BNA_M

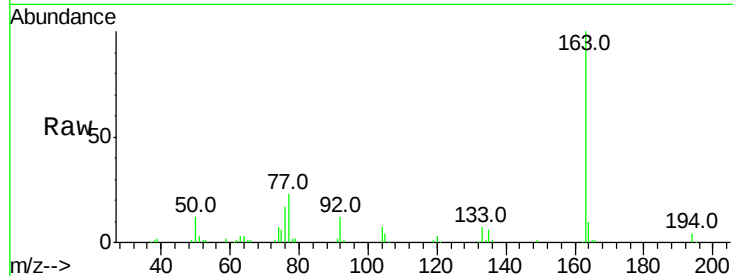
ClientSampleId :

DB1Q2MS

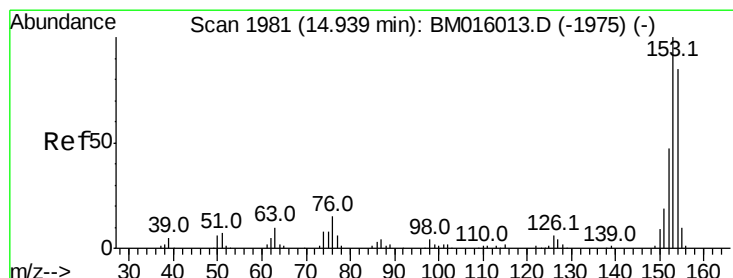
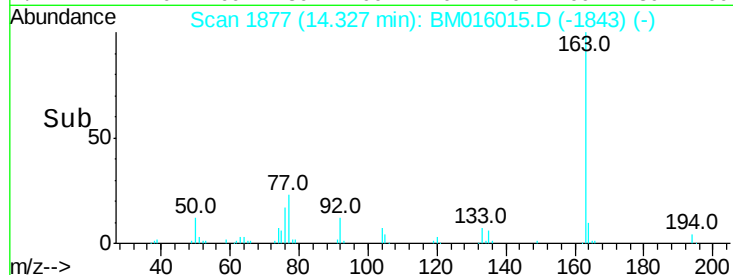
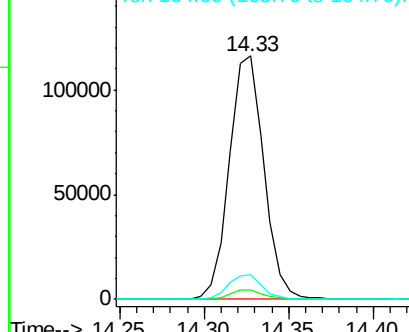
Tot Ion:	163	Resp:	165203
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.4	7.8	11.8

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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: 18.757 ng/ul

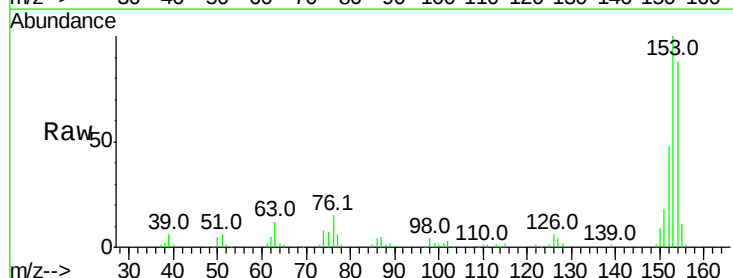
RT: 14.94 min Scan# 1981

Delta R.T. 0.00 min

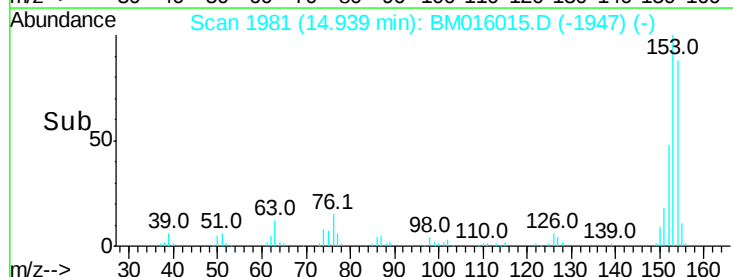
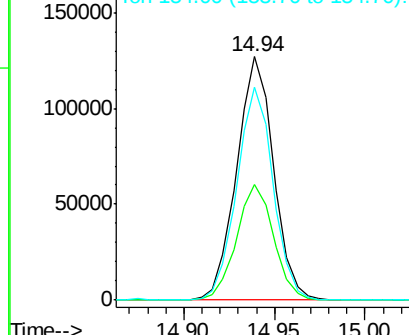
Lab File: BM016015.D

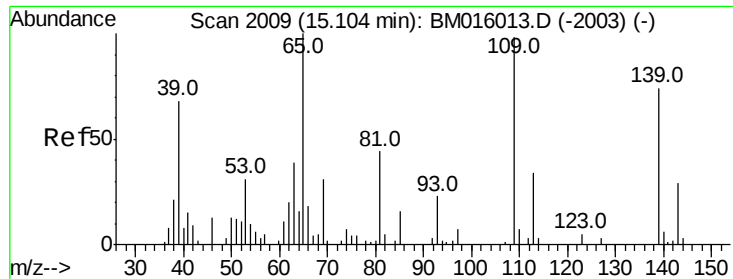
Acq: 20 Jul 2018 12:29

Tgt Ion:	153	Resp:	179534
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.3	57.5
154	87.6	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





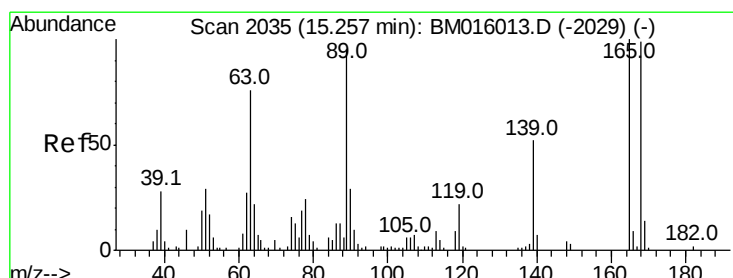
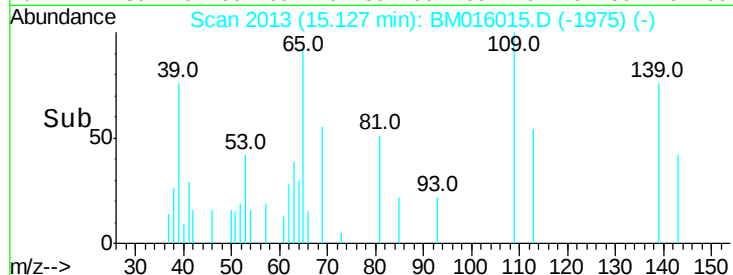
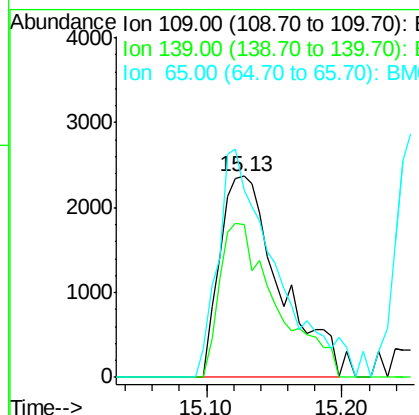
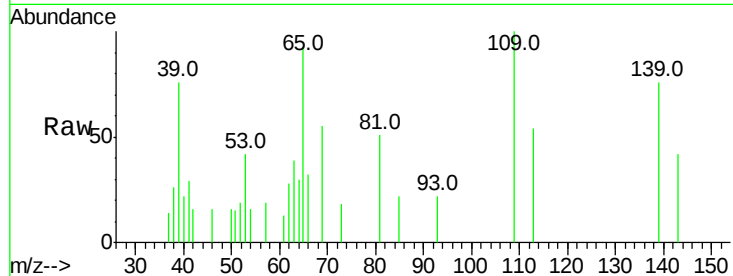
#52
4-Nitrophenol
Concen: 2.984 ng/ul m
RT: 15.13 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BM016015.D
Acq: 20 Jul 2018 12:29

Instrument :
BNA_M
ClientSampleId :
DB1Q2MS

Tot Ion:109 Resp: 7273
Ion Ratio Lower Upper
109 100
139 75.9 103.7 155.5#
65 93.2 89.4 134.2

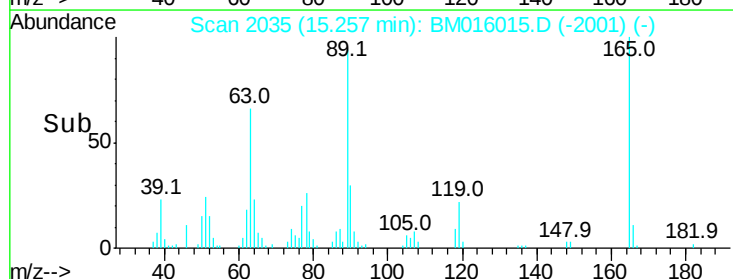
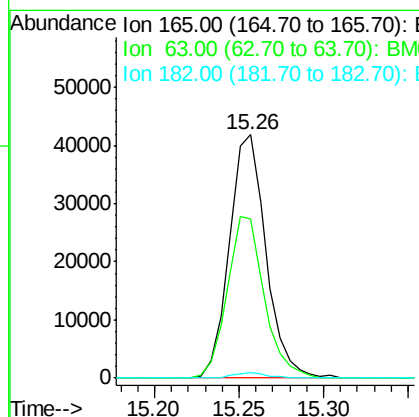
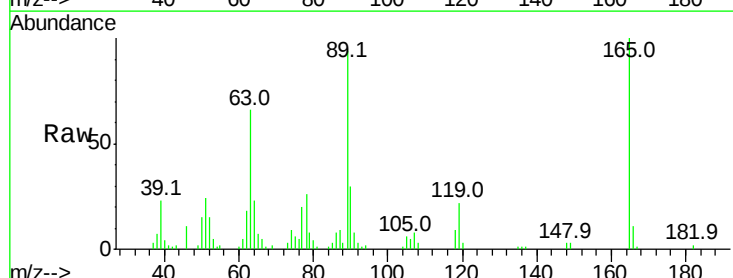
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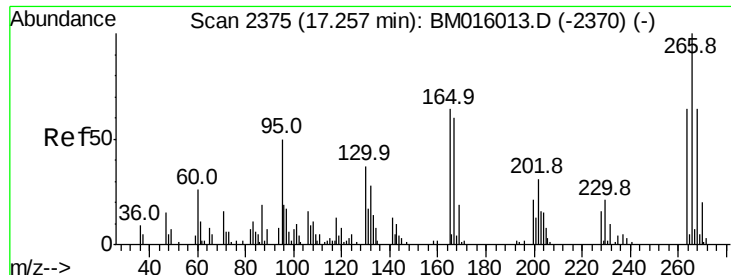
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#54
2,4-Dinitrotoluene
Concen: 18.846 ng/ul
RT: 15.26 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BM016015.D
Acq: 20 Jul 2018 12:29

Tgt Ion:165 Resp: 63149
Ion Ratio Lower Upper
165 100
63 65.6 29.8 44.6#
182 2.5 2.2 3.4





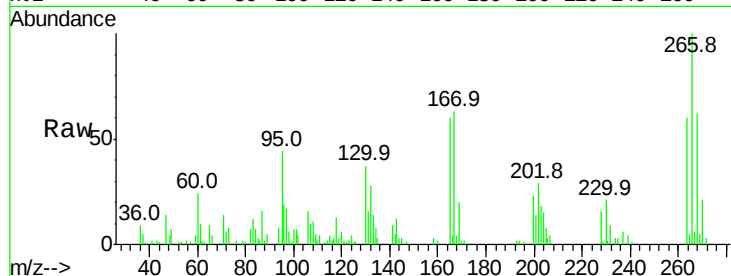
#68
 Pentachlorophenol
 Concen: 20.123 ng/ul
 RT: 17.26 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BM016015.D
 Acq: 20 Jul 2018 12:29

Instrument :
 BNA_M
 ClientSampleId :
 DB1Q2MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	40076		
264	59.7		50.5	75.7
268	61.6		50.9	76.3

Manual Integrations
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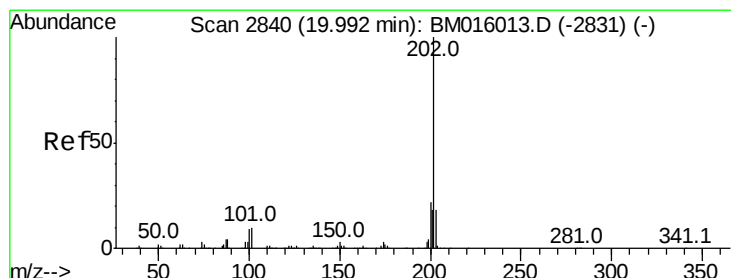
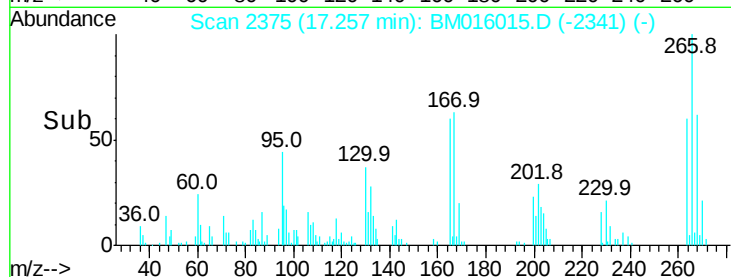
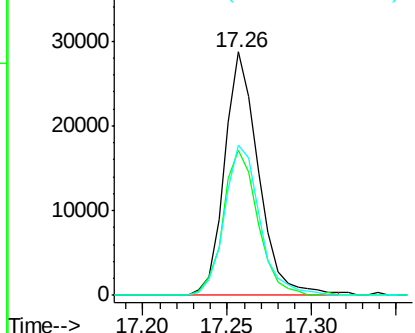


Abundance

Ion 265.70 (265.40 to 266.40): E

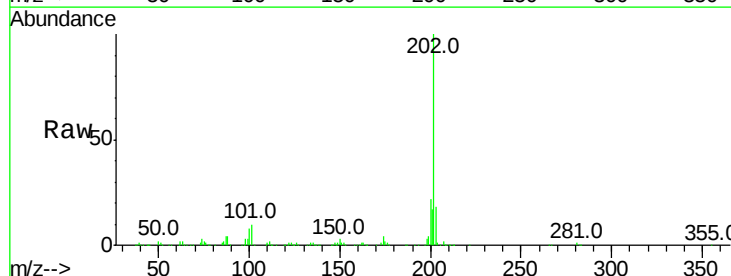
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 22.607 ng/ul
 RT: 19.99 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BM016015.D
 Acq: 20 Jul 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	488283		
101	10.2		10.2	15.2
100	8.4		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

