

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
 Data File : BM015991.D
 Acq On : 19 Jul 2018 15:45
 Operator : SJ/JU
 Sample : J4024-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1Q2MS

Manual Integrations
 APPROVED

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Quant Time: Jul 19 18:44:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 19 18:24:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	56328	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	269070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	168345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	397572	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	464445	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	480798	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6952	5.43	ng/uL	0.00
5) Phenol-d5	7.42	99	19200	3.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	62811	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	68406	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	40699	9.23	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	41504	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	45520	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	81835	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	5495m	1.06	ng/ul	0.04
43) Dimethylphthalate-d6	14.29	166	341283	22.24	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	376177	21.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	8045	3.03	ng/ul	0.00
57) Fluorene-d10	15.86	176	280687	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	43549	16.41	ng/ul	0.00
70) Anthracene-d10	17.71	188	446848	21.95	ng/ul	0.00
78) Pyrene-d10	19.97	212	525189	24.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	603800	22.83	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.45	94	30740	5.947	ng/ul#	68
10) 2-Chlorophenol	7.82	128	70115	16.890	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.07	70	82114	22.410	ng/ul#	67
33) 4-Chloro-3-methylphenol	12.35	107	90447	18.494	ng/ul	99
44) Dimethylphthalate	14.33	163	174759	11.500	ng/ul	99
49) Acenaphthene	14.94	153	269444	21.645	ng/ul	98
52) 4-Nitrophenol	15.12	109	12327	3.889	ng/ul#	74
54) 2,4-Dinitrotoluene	15.26	165	98237	22.542	ng/ul#	56
68) Pentachlorophenol	17.26	266	58667	22.812	ng/ul	98
79) Pyrene	20.00	202	699696	25.555	ng/ul#	92

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

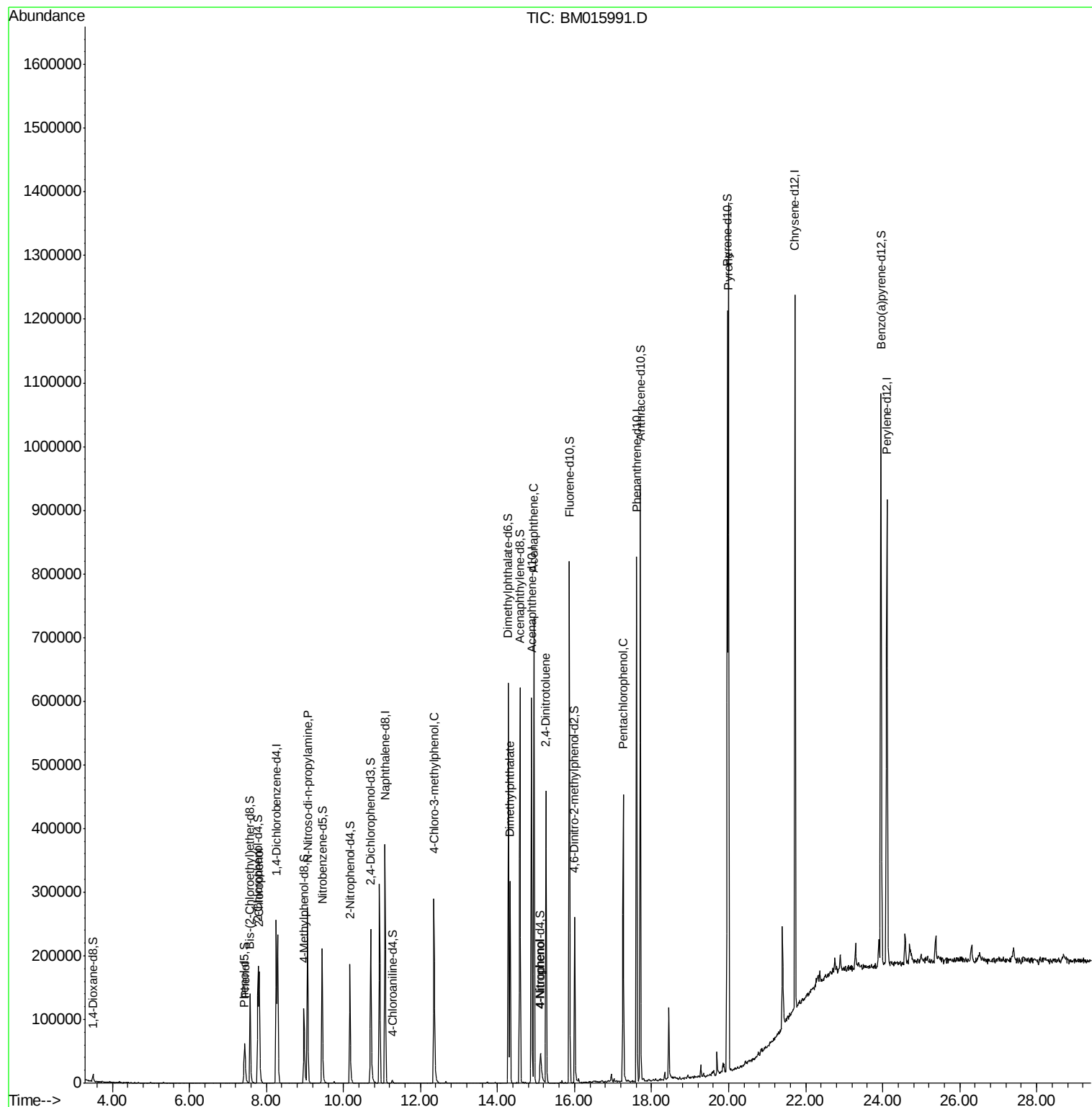
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM015991.D
Acq On : 19 Jul 2018 15:45
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ALS Vial : 8 Sample Multiplier: 1

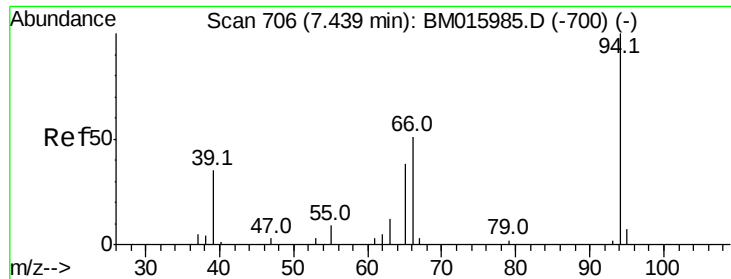
Instrument :
BNA_M
ClientSampleId :
DB1Q2MS

Quant Time: Jul 19 18:44:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 19 18:24:35 2018
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#6

Phenol

Concen: 5.947 ng/ul

RT: 7.45 min Scan# 707

Delta R.T. 0.01 min

Lab File: BM015991.D

Acq: 19 Jul 2018 15:45

Instrument :

BNA_M

ClientSampleId :

DB1Q2MS

Tot Ion: 94 Resp: 30740

Ion Ratio Lower Upper

94 100

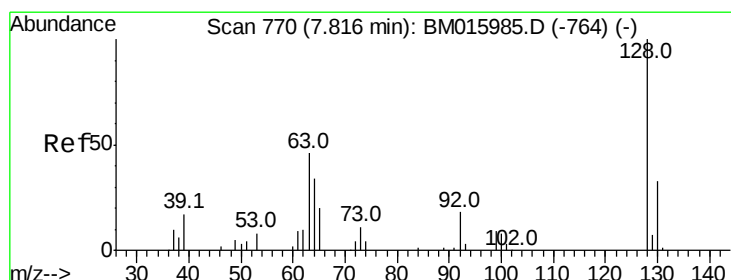
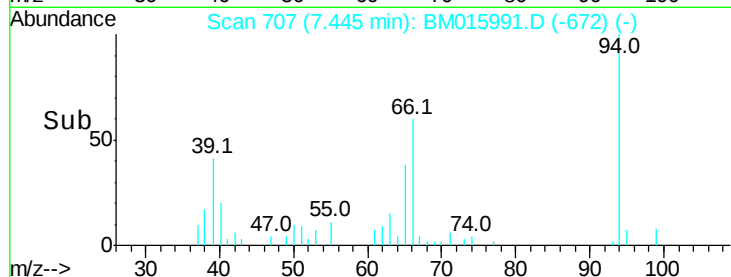
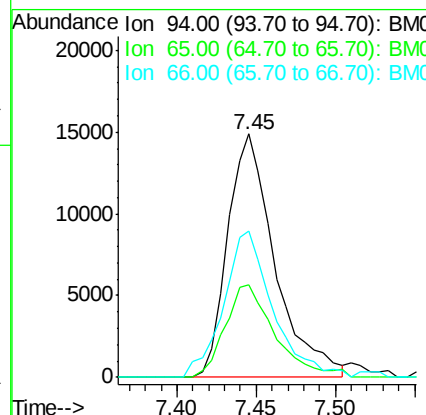
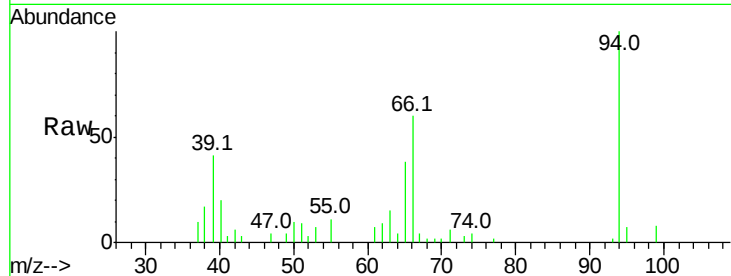
65 38.1 21.0 31.6#

66 59.9 29.3 43.9#

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#10

2-Chlorophenol

Concen: 16.890 ng/ul

RT: 7.82 min Scan# 770

Delta R.T. -0.00 min

Lab File: BM015991.D

Acq: 19 Jul 2018 15:45

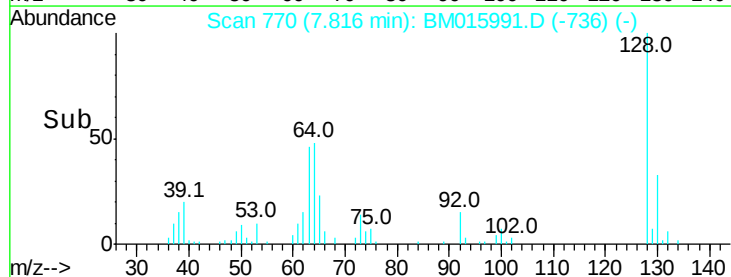
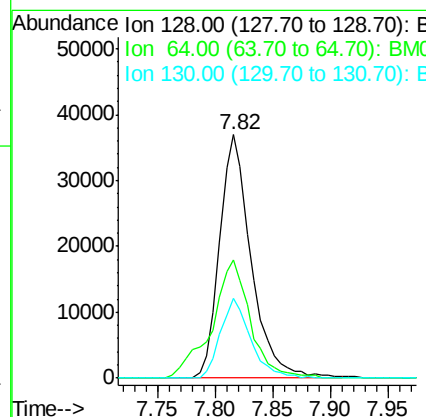
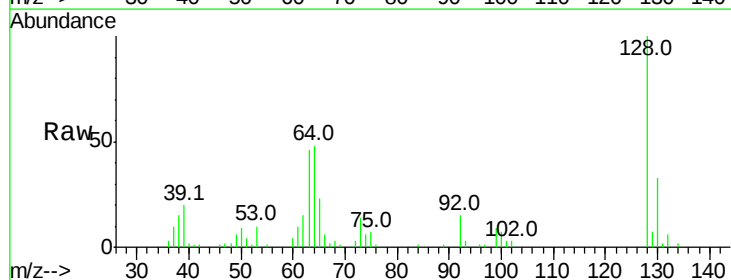
Tgt Ion: 128 Resp: 70115

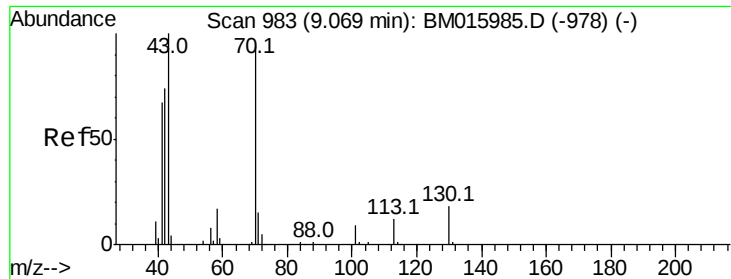
Ion Ratio Lower Upper

128 100

64 48.4 31.9 47.9#

130 32.6 25.6 38.4





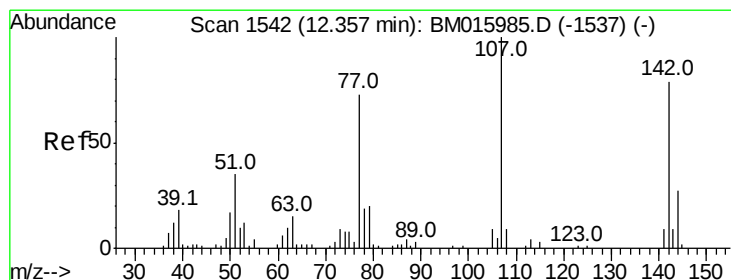
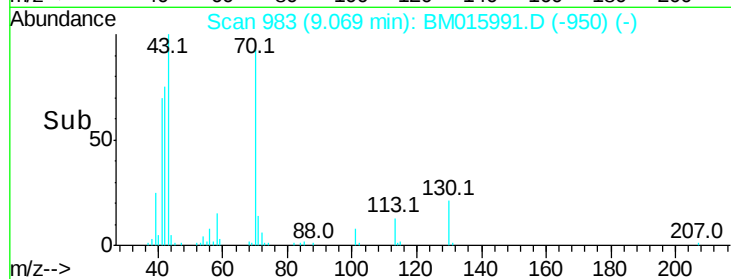
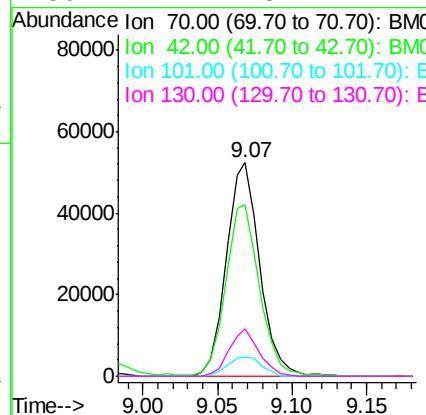
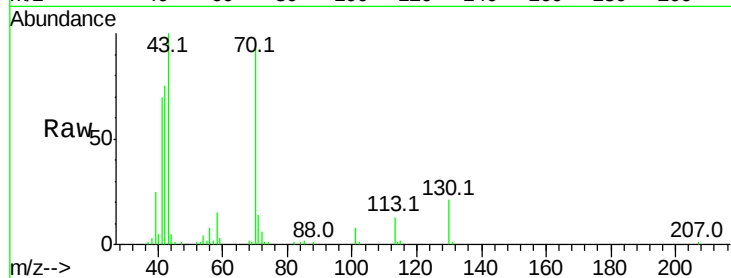
#15
N-Nitroso-di-n-propylamine
Concen: 22.410 ng/ul
RT: 9.07 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM015991.D
Acq: 19 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
DB1Q2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.4	35.4	53.0#
101	8.9	8.4	12.6
130	22.4	18.2	27.4

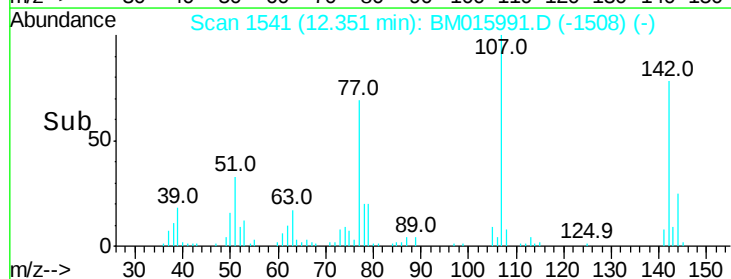
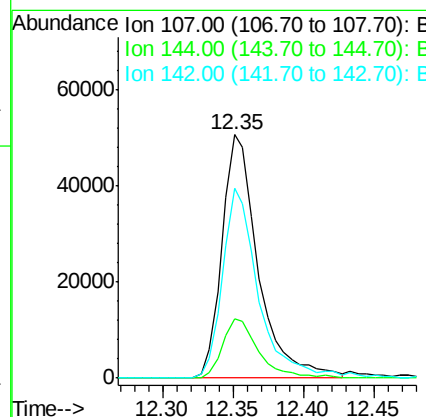
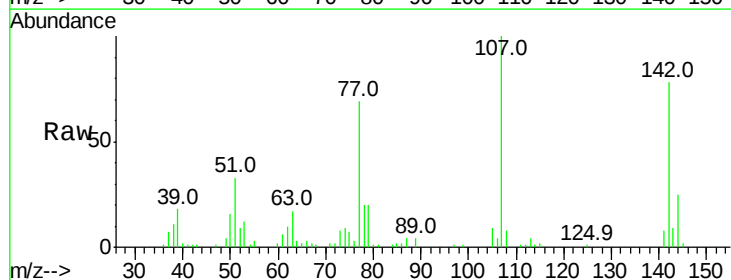
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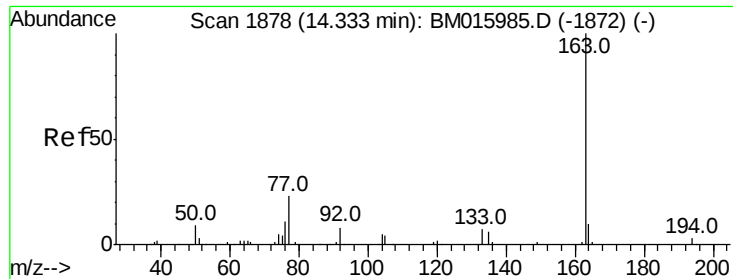
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#33
4-Chloro-3-methylphenol
Concen: 18.494 ng/ul
RT: 12.35 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM015991.D
Acq: 19 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.4	30.6
142	78.0	62.5	93.7





#44

Dimethylphthalate

Concen: 11.500 ng/ul

RT: 14.33 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM015991.D

Acq: 19 Jul 2018 15:45

Instrument :

BNA_M

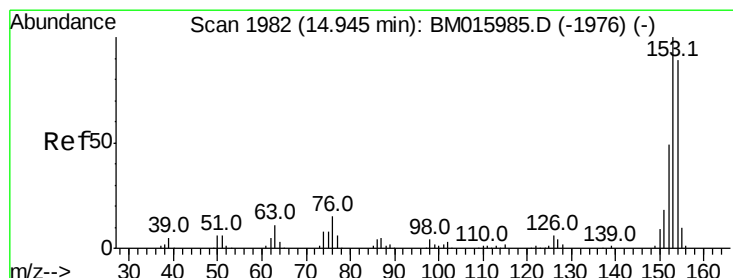
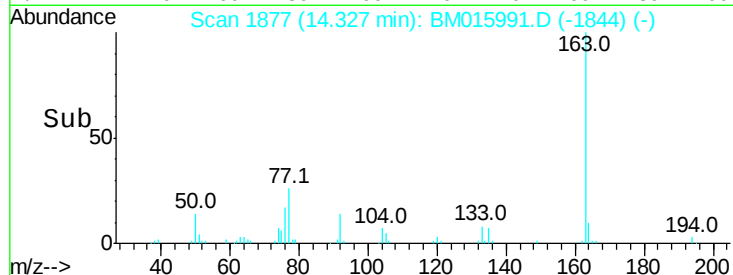
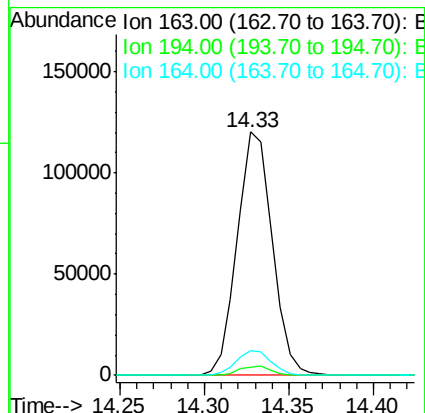
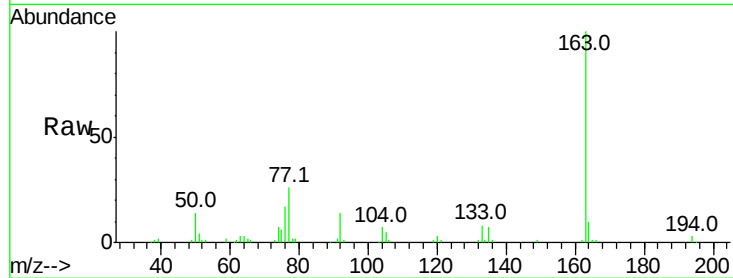
ClientSampleId :

DB1Q2MS

Tot Ion:	163	Resp:	174759
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.2	4.8
164	10.3	7.8	11.8

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#49

Acenaphthene

Concen: 21.645 ng/ul

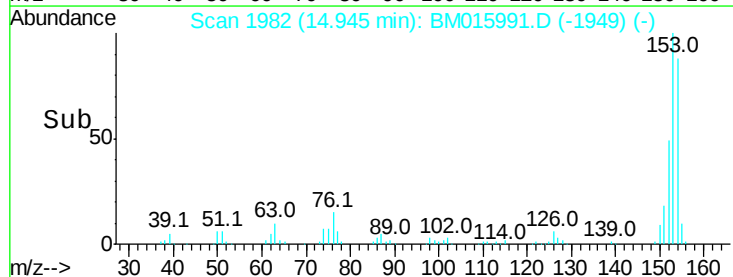
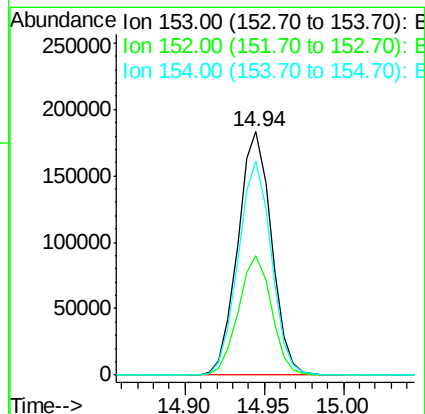
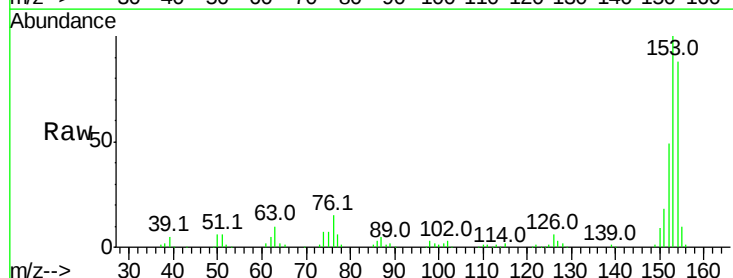
RT: 14.94 min Scan# 1982

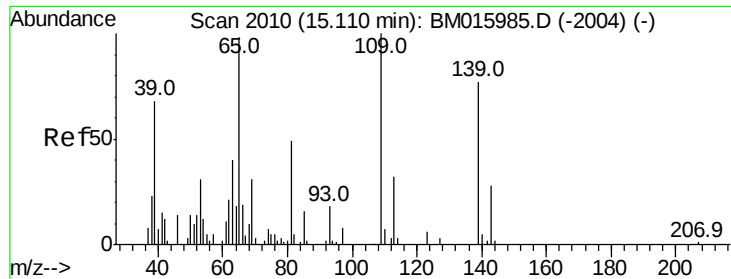
Delta R.T. -0.01 min

Lab File: BM015991.D

Acq: 19 Jul 2018 15:45

Tgt Ion:	153	Resp:	269444
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.3	57.5
154	87.8	71.8	107.8





#52

4-Nitrophenol

Concen: 3.889 ng/ul

RT: 15.12 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BM015991.D

Acq: 19 Jul 2018 15:45

Instrument :

BNA_M

ClientSampleId :

DB1Q2MS

Tot Ion:109 Resp: 12327

Ion Ratio Lower Upper

109 100

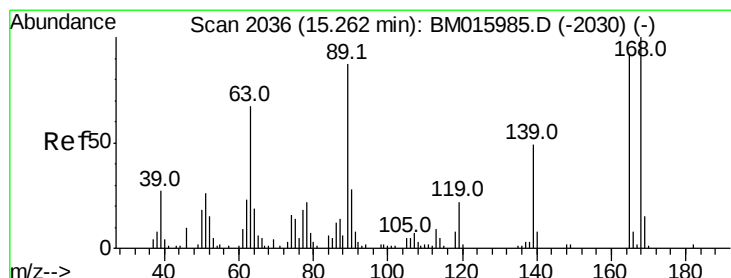
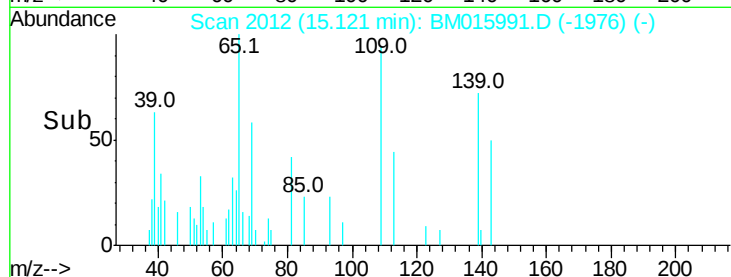
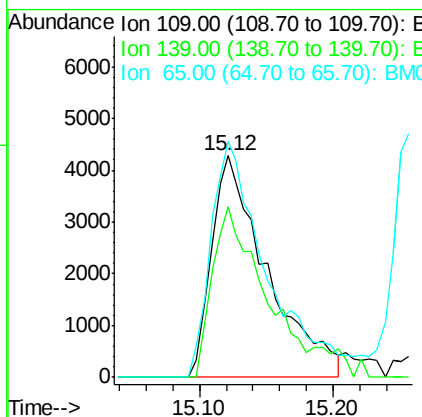
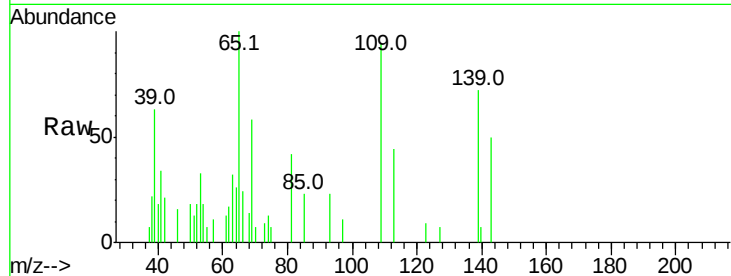
139 77.2 103.7 155.5#

65 106.9 89.4 134.2

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#54

2,4-Dinitrotoluene

Concen: 22.542 ng/ul

RT: 15.26 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BM015991.D

Acq: 19 Jul 2018 15:45

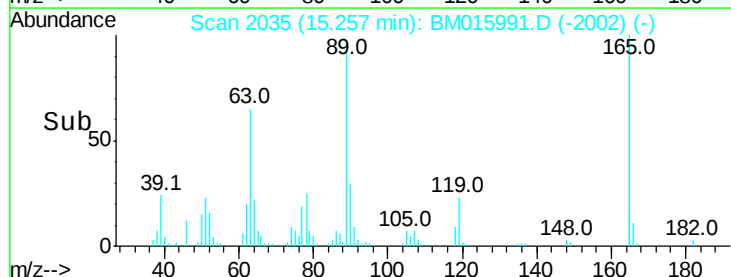
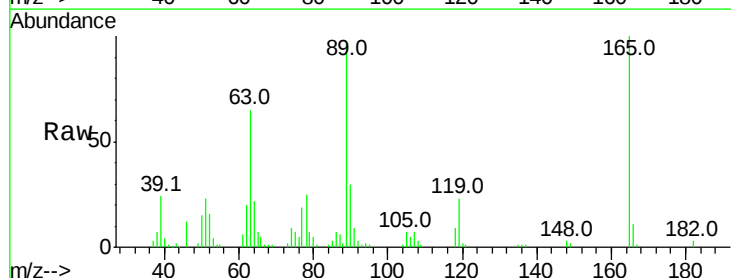
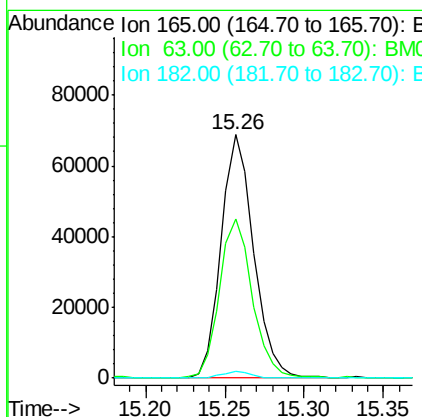
Tgt Ion:165 Resp: 98237

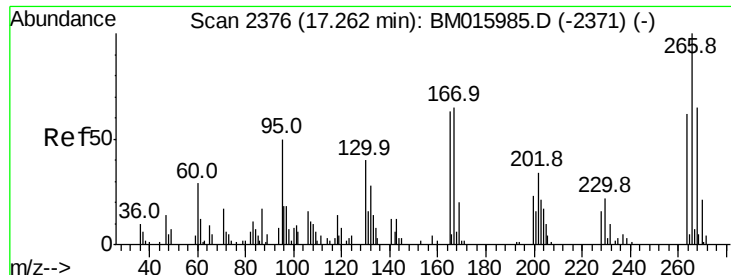
Ion Ratio Lower Upper

165 100

63 65.3 29.8 44.6#

182 3.0 2.2 3.4





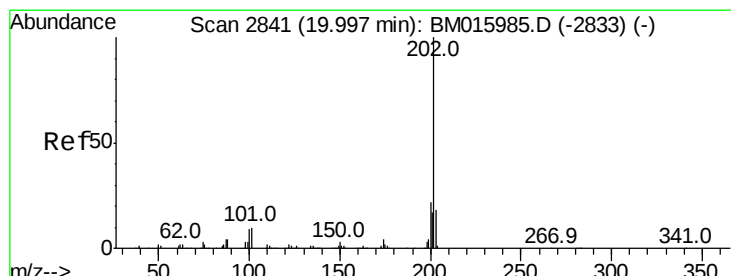
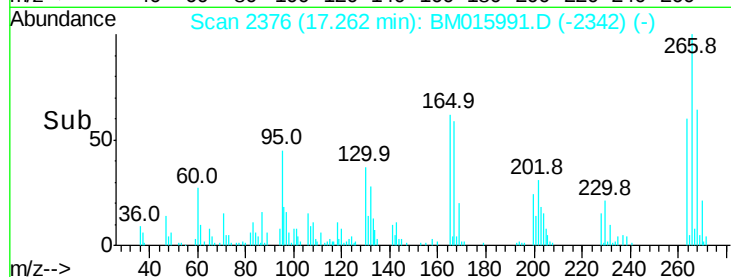
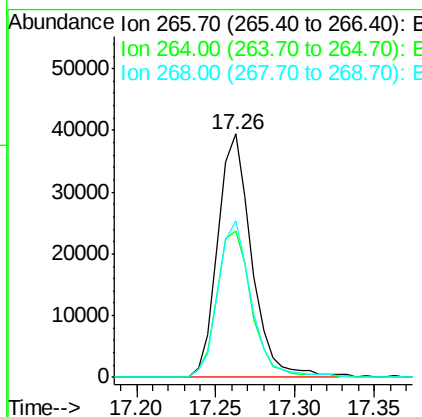
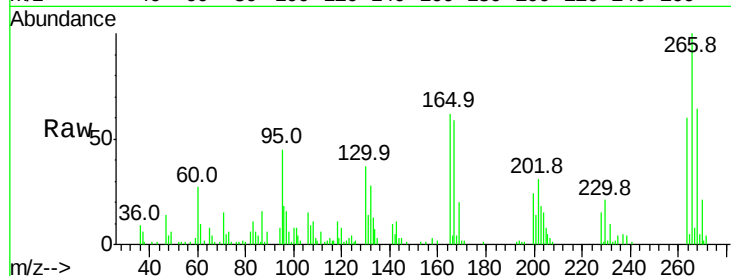
#68
 Pentachlorophenol
 Concen: 22.812 ng/ul
 RT: 17.26 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BM015991.D
 Acq: 19 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleID :
 DB1Q2MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	58667		
264	59.9		50.5	75.7
268	64.2		50.9	76.3

Manual Integrations
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#79
 Pyrene
 Concen: 25.555 ng/ul
 RT: 20.00 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BM015991.D
 Acq: 19 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	699696		
101	9.4		10.2	15.2#
100	8.0		8.5	12.7#

