

Data File : BM017983.D
Acq On : 07 Dec 2018 01:02
Operator : JU/SJ
Sample : J6155-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4178MSD

Quant Time: Dec 07 06:55:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 06:52:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	130751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	514969	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	260840	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	557700	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	595861	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	656424	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	6032	2.11	ng/uL	0.00
5) Phenol-d5	6.75	99	71704	6.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	165568	22.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	214244	22.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	116872	11.98	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	114610	28.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	124378	27.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	203020	23.53	ng/ul	0.01
29) 4-Chloroaniline-d4	10.53	131	792	0.11	ng/ul	0.05
43) Dimethylphthalate-d6	13.63	166	634360	28.03	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	803651	29.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	7605	1.85	ng/ul	0.03
57) Fluorene-d10	15.21	176	548359	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	81572	20.46	ng/ul	0.00
70) Anthracene-d10	17.06	188	810646	29.20	ng/ul	0.00
78) Pyrene-d10	19.37	212	901366	31.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1045415	29.36	ng/ul	-0.01

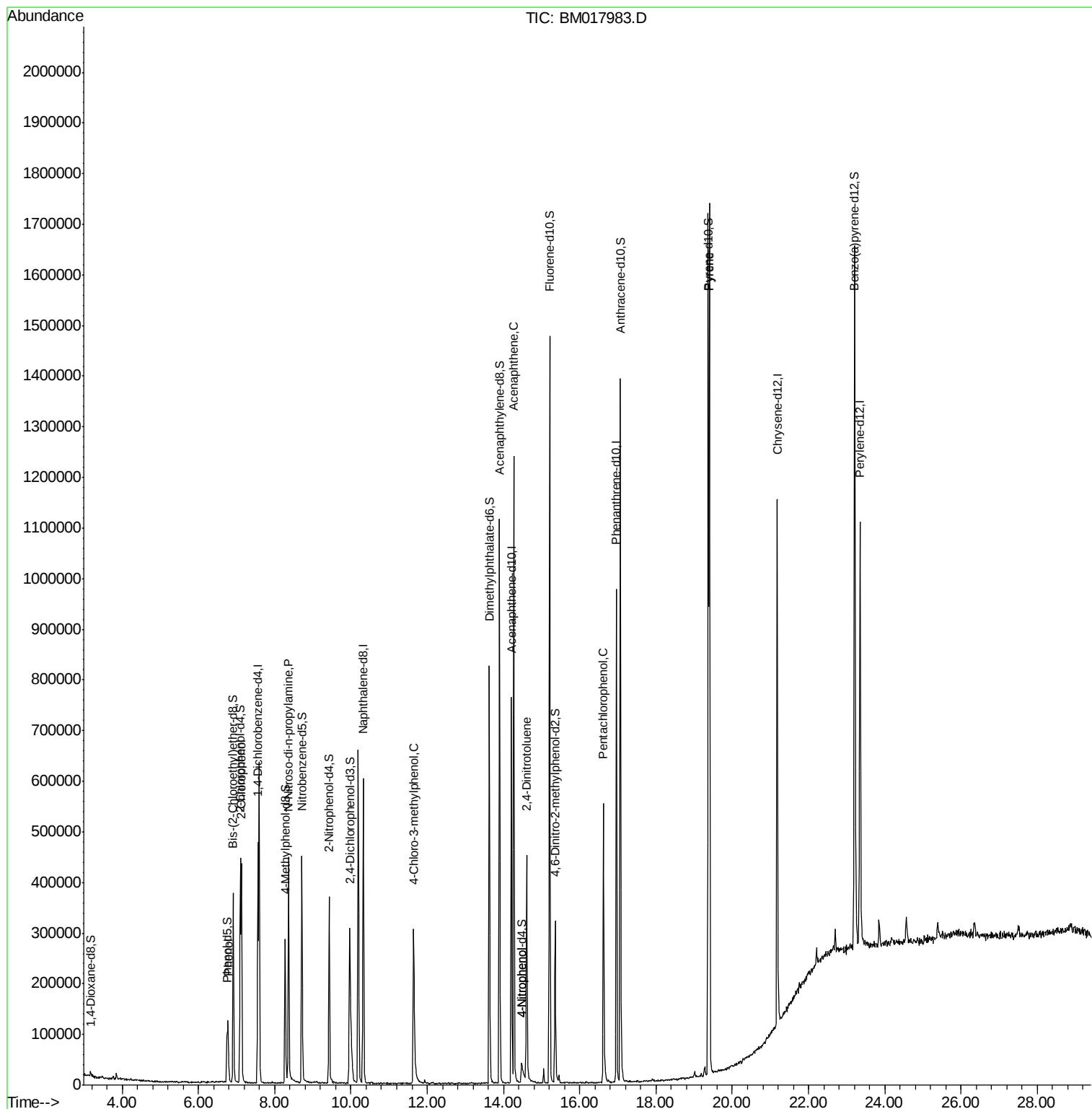
Target Compounds					Qvalue
6) Phenol	6.77	94	68844	5.776	ng/ul 94
10) 2-Chlorophenol	7.13	128	196945	21.097	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.36	70	158124	19.935	ng/ul 95
33) 4-Chloro-3-methylphenol	11.64	107	164848	17.817	ng/ul 97
49) Acenaphthene	14.27	153	505706	27.430	ng/ul 99
52) 4-Nitrophenol	14.49	109	5003	1.478	ng/ul 91
54) 2,4-Dinitrotoluene	14.60	165	147625	22.629	ng/ul 89
68) Pentachlorophenol	16.62	266	109361	24.815	ng/ul 99
79) Pyrene	19.40	202	1064403	29.427	ng/ul 99

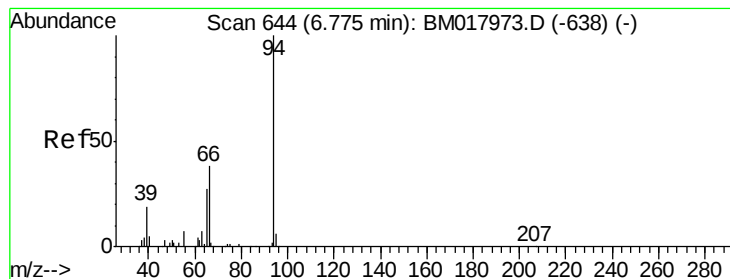
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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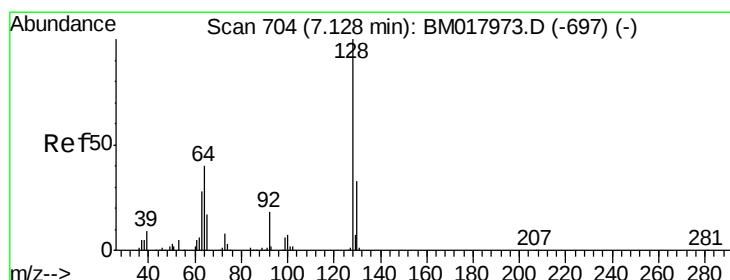
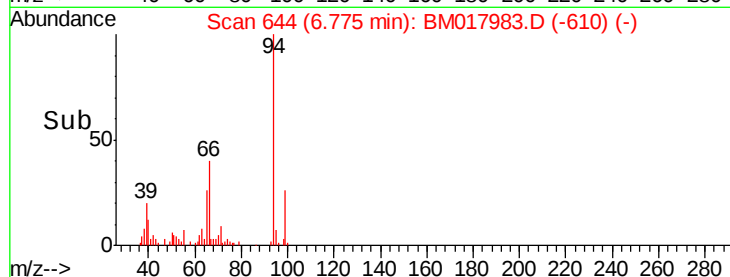
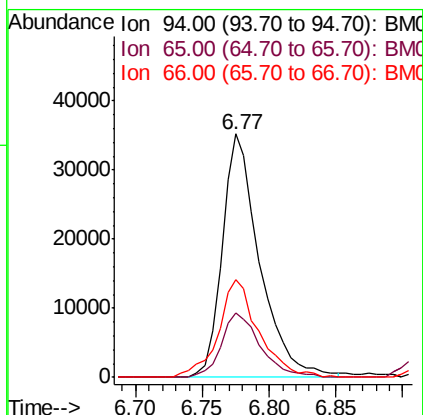
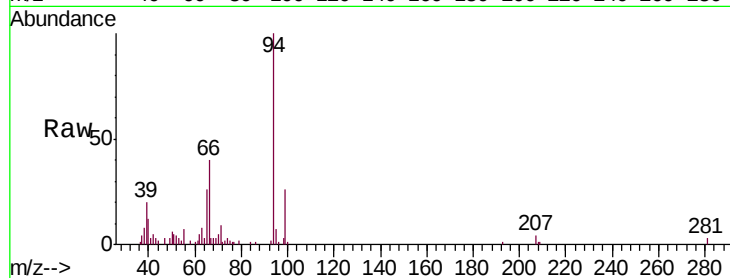
#6

Phenol

Concen: 5.776 ng/ul
 RT: 6.77 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM017983.D
 Acq: 07 Dec 2018 01:02

Instrument :
 BNA_M
 ClientSampleId :
 A4178MSD

Tgt Ion: 94 Resp: 68844
 Ion Ratio Lower Upper
 94 100
 65 26.5 24.7 37.1
 66 40.0 34.6 51.8

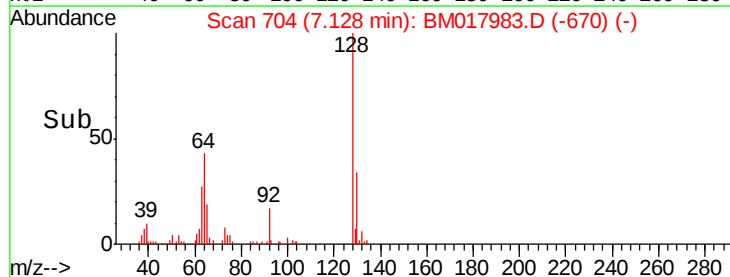
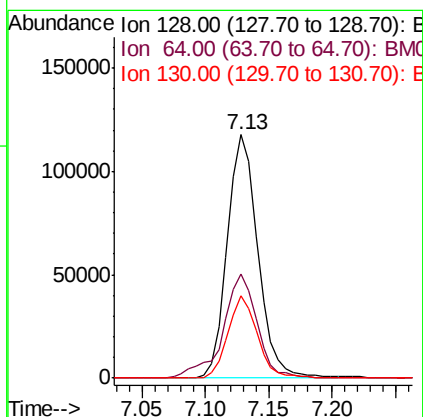
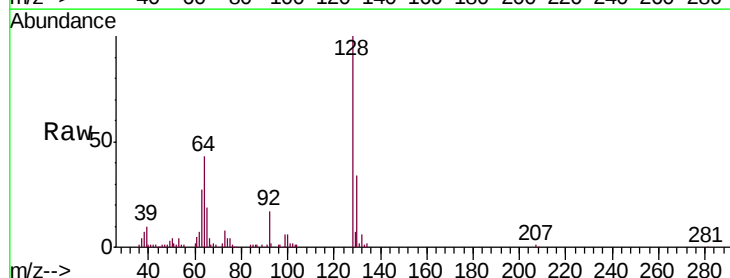


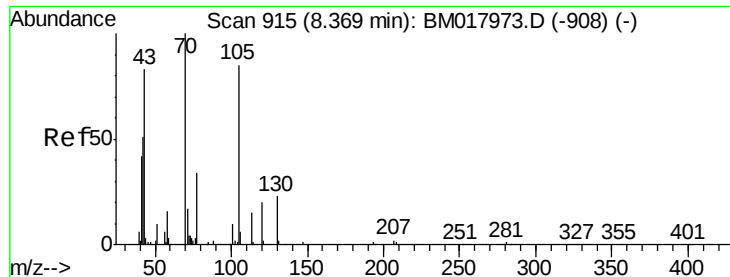
#10

2-Chlorophenol

Concen: 21.097 ng/ul
 RT: 7.13 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BM017983.D
 Acq: 07 Dec 2018 01:02

Tgt Ion: 128 Resp: 196945
 Ion Ratio Lower Upper
 128 100
 64 42.6 36.8 55.2
 130 33.7 25.0 37.4





#15

N-Nitroso-di-n-propylamine

Concen: 19.935 ng/ul

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM017983.D

Acq: 07 Dec 2018 01:02

Instrument :

BNA_M

ClientSampleId :

A4178MSD

Tgt Ion: 70 Resp: 158124

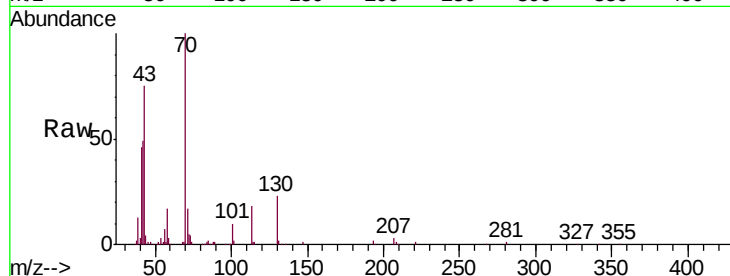
Ion Ratio Lower Upper

70 100

42 49.5 42.7 64.1

101 10.1 7.6 11.4

130 23.4 16.7 25.1

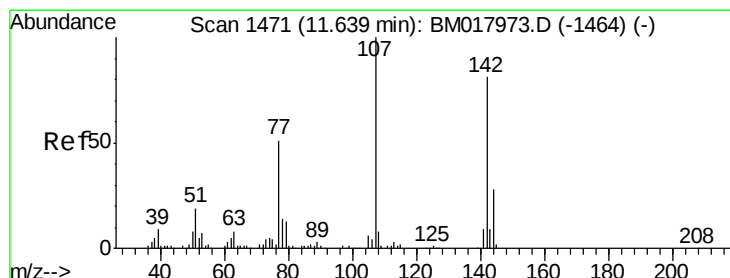
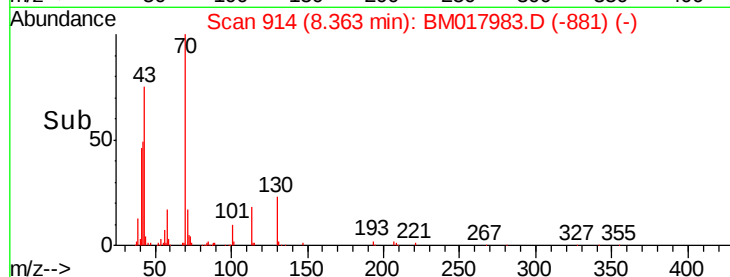
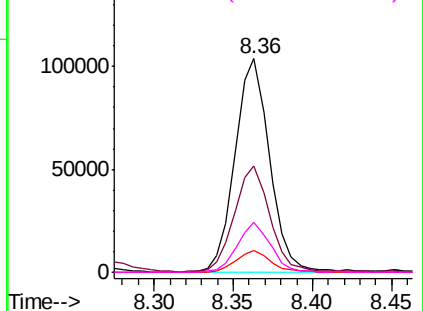


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 17.817 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BM017983.D

Acq: 07 Dec 2018 01:02

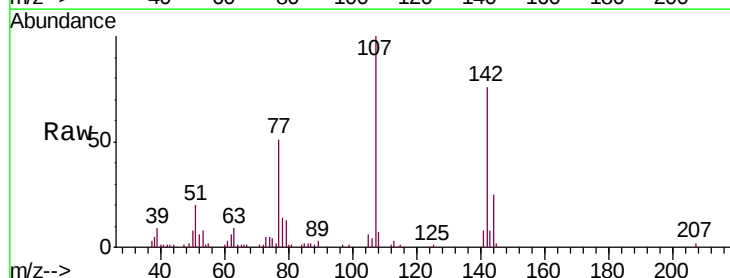
Tgt Ion: 107 Resp: 164848

Ion Ratio Lower Upper

107 100

144 24.6 21.1 31.7

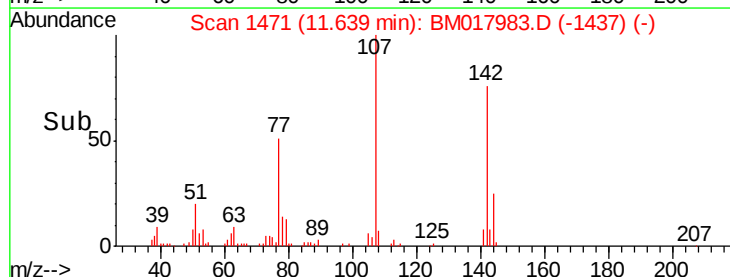
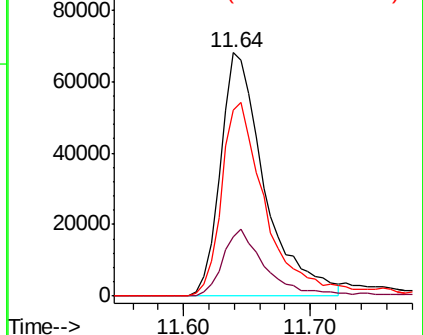
142 76.4 63.0 94.6

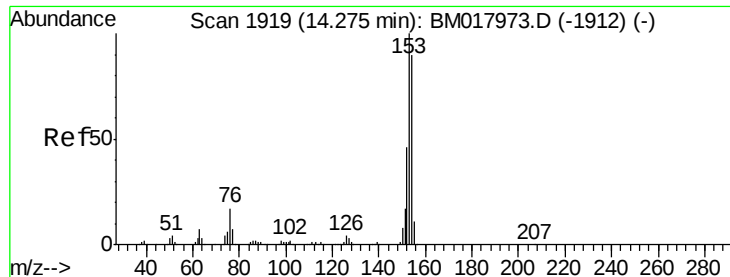


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#49

Acenaphthene

Concen: 27.430 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM017983.D

Acq: 07 Dec 2018 01:02

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BNA_M

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A4178MSD

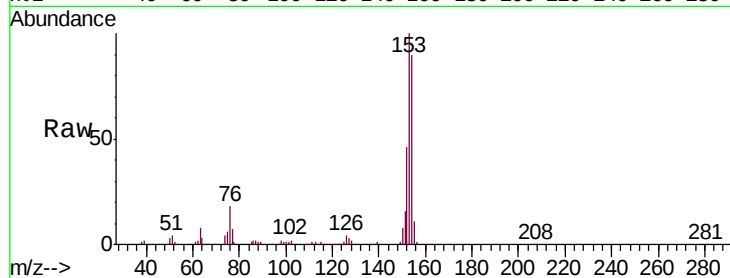
Tgt Ion:153 Resp: 505706

Ion Ratio Lower Upper

153 100

152 45.9 37.0 55.6

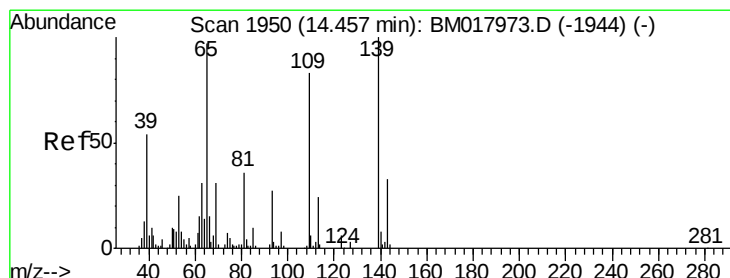
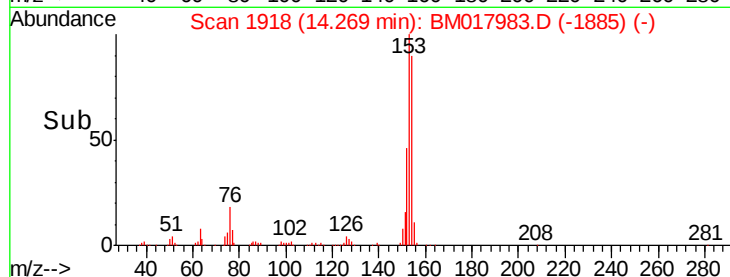
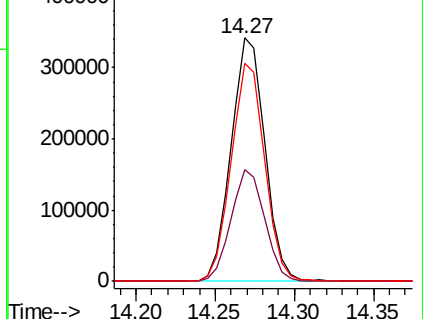
154 89.5 70.6 106.0



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: 1.478 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. 0.03 min

Lab File: BM017983.D

Acq: 07 Dec 2018 01:02

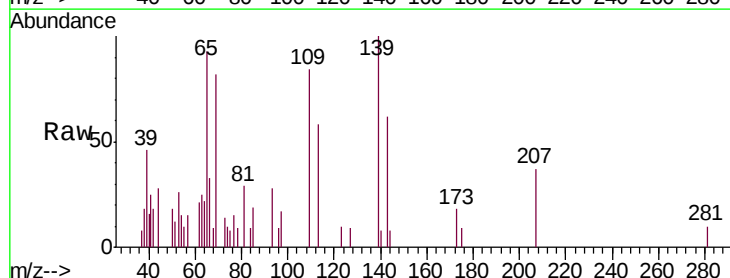
Tgt Ion:109 Resp: 5003

Ion Ratio Lower Upper

109 100

139 119.7 97.4 146.0

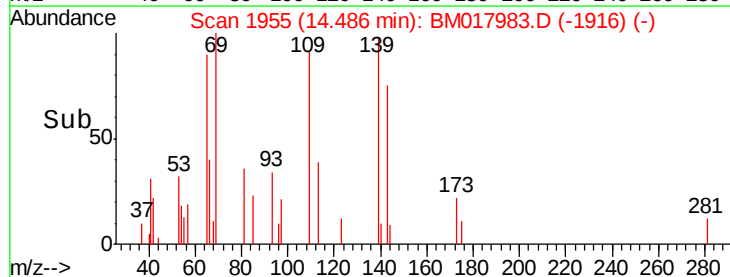
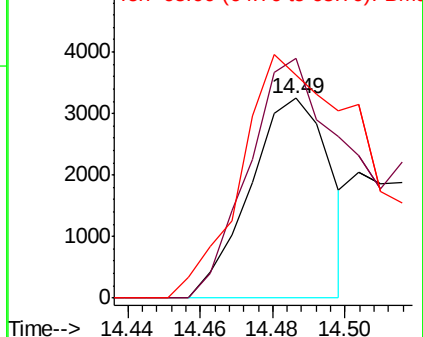
65 111.4 104.5 156.7

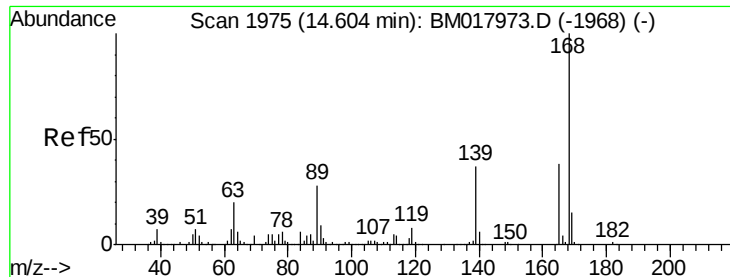


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

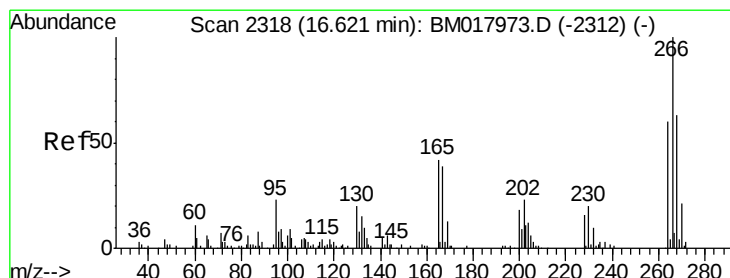
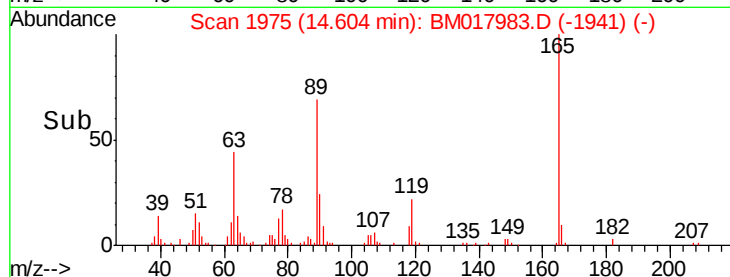
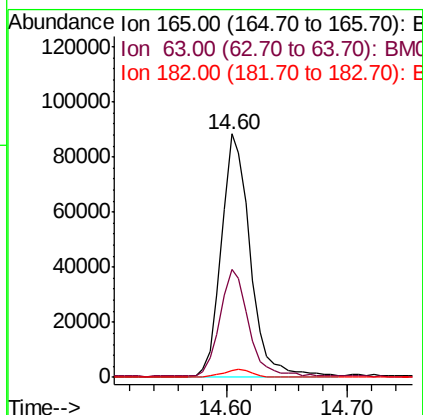
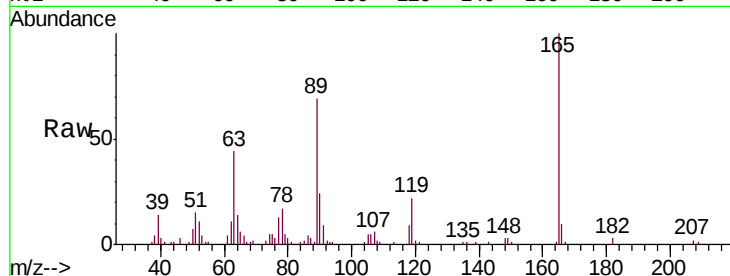




#54
 2,4-Dinitrotoluene
 Concen: 22.629 ng/ul
 RT: 14.60 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BM017983.D
 Acq: 07 Dec 2018 01:02

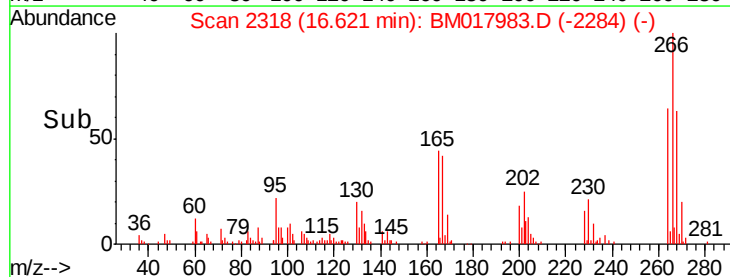
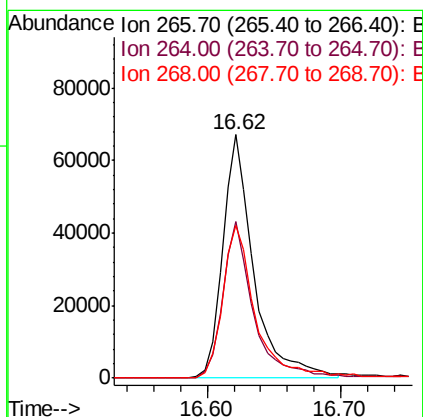
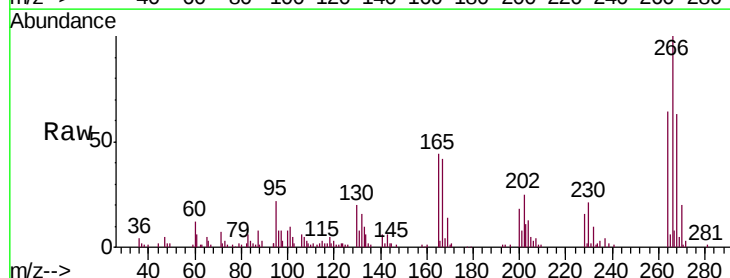
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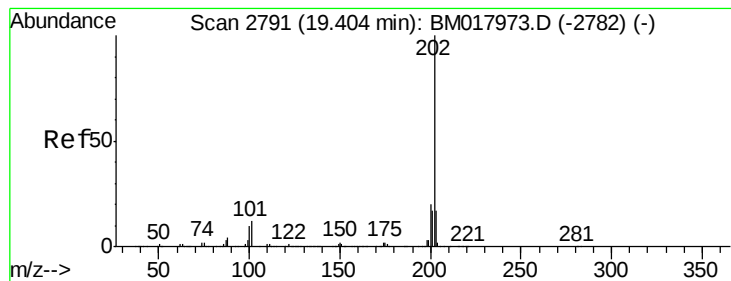
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	41.8	62.8
182	2.6	2.2	3.2



#68
 Pentachlorophenol
 Concen: 24.815 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM017983.D
 Acq: 07 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.2	75.2
268	62.6	49.8	74.8





#79

Pyrene

Concen: 29.427 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

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Acq: 07 Dec 2018 01:02

Instrument :

BNA_M

ClientSampleId :

A4178MSD

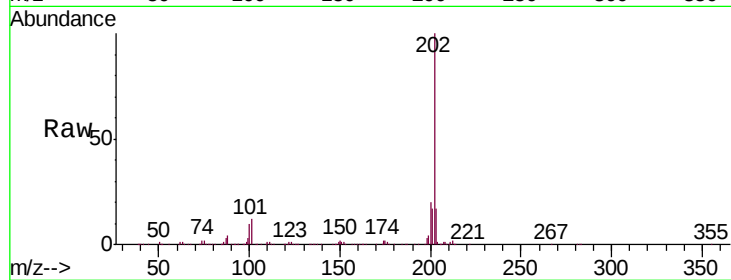
Tgt Ion: 202 Resp: 1064403

Ion Ratio Lower Upper

202 100

101 11.6 9.6 14.4

100 10.0 7.9 11.9



Abundance Ion 202.00 (201.70 to 202.70): E

1000000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BM

