

Data File : BM017982.D
Acq On : 07 Dec 2018 00:27
Operator : JU/SJ
Sample : J6155-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4178MS

Quant Time: Dec 07 06:55:41 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	153410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	592015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	307307	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	654543	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	718562	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	774864	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	6550	1.95	ng/uL	0.00
5) Phenol-d5	6.75	99	103509	7.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	225118	26.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	283608	25.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	158570	13.85	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	148567	32.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	162332	31.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	265060	26.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	632	0.07	ng/ul	-0.15
43) Dimethylphthalate-d6	13.63	166	832750	31.23	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1028708	31.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	19236	3.97	ng/ul	0.02
57) Fluorene-d10	15.21	176	724493	31.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	113391	24.23	ng/ul	0.00
70) Anthracene-d10	17.06	188	1060189	32.53	ng/ul	0.00
78) Pyrene-d10	19.37	212	1191011	34.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1383910	32.93	ng/ul	-0.01

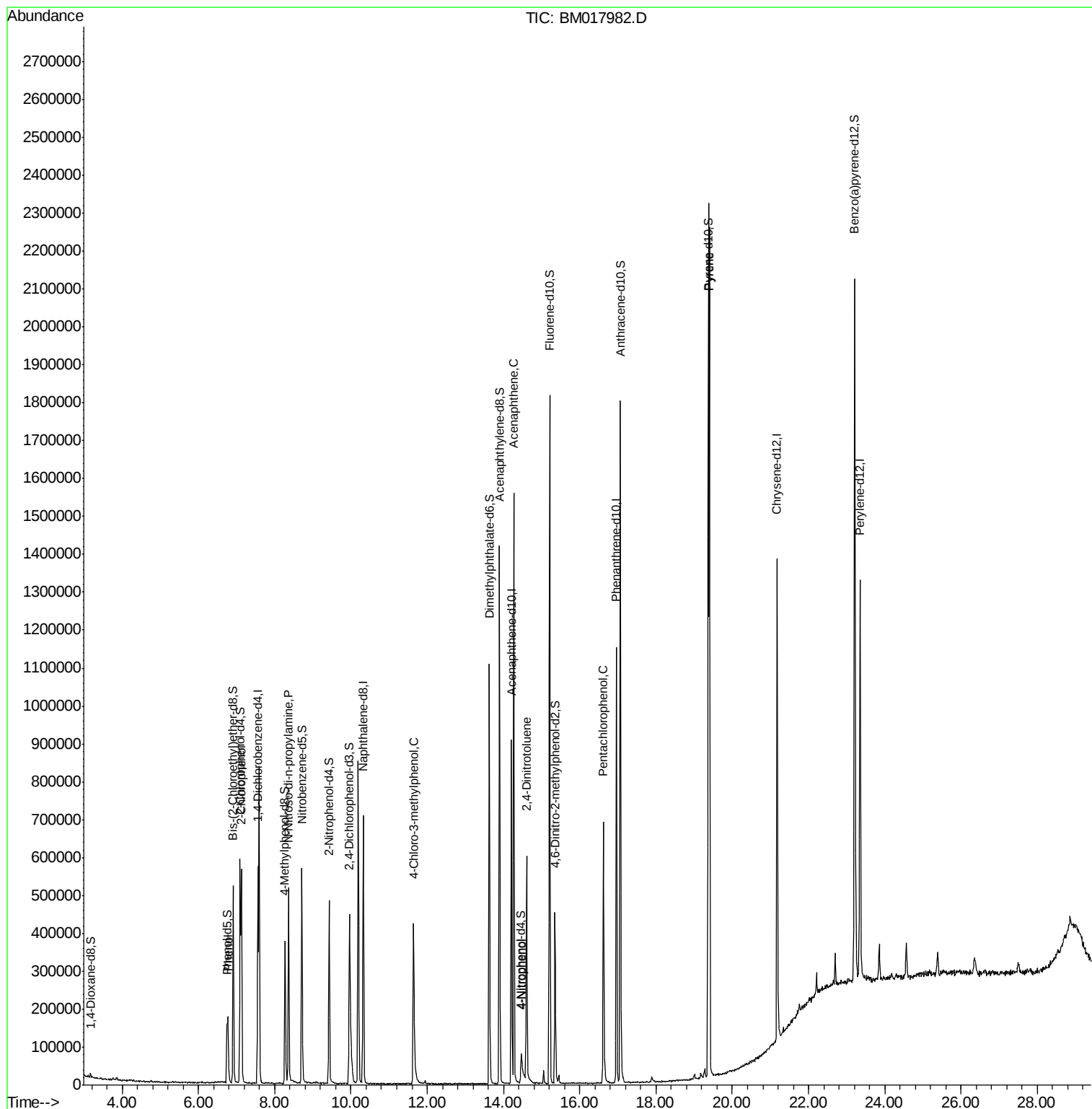
Target Compounds				Qvalue		
6) Phenol	6.77	94	97227	6.952	ng/ul	91
10) 2-Chlorophenol	7.13	128	256084	23.380	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	187194	20.114	ng/ul	98
33) 4-Chloro-3-methylphenol	11.64	107	223832	21.044	ng/ul	99
49) Acenaphthene	14.27	153	626399	28.839	ng/ul	99
52) 4-Nitrophenol	14.48	109	15727	3.944	ng/ul	87
54) 2,4-Dinitrotoluene	14.60	165	196137	25.519	ng/ul	88
68) Pentachlorophenol	16.62	266	142345	27.521	ng/ul	100
79) Pyrene	19.40	202	1354428	31.051	ng/ul	98

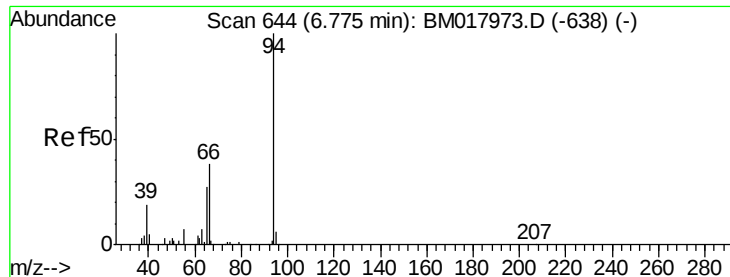
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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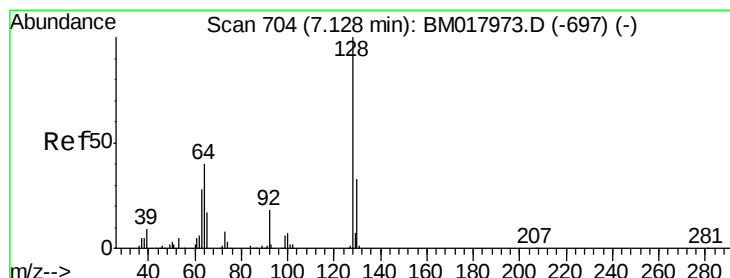
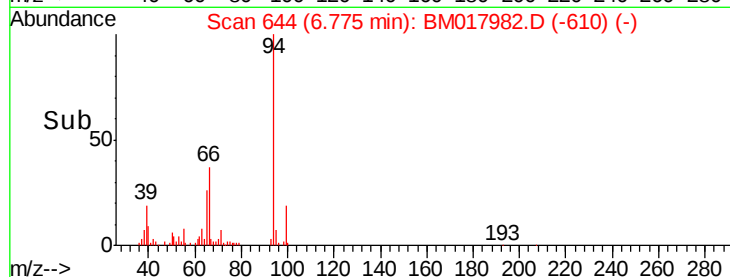
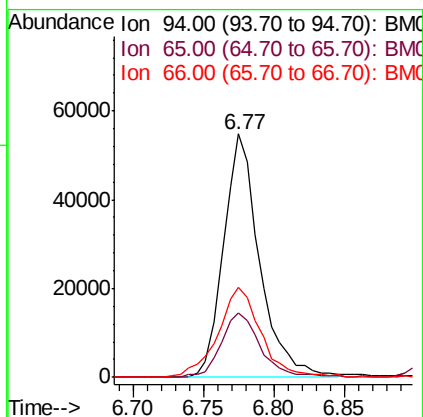
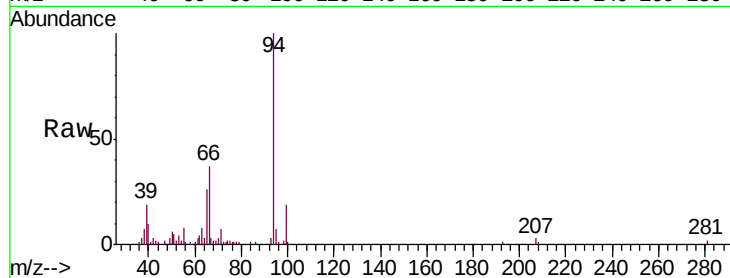
#6

Phenol

Concen: 6.952 ng/ul
 RT: 6.77 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM017982.D
 Acq: 07 Dec 2018 00:27

Instrument :
 BNA_M
 ClientSampleId :
 A4178MS

Tgt Ion: 94 Resp: 97227
 Ion Ratio Lower Upper
 94 100
 65 26.3 24.7 37.1
 66 36.9 34.6 51.8

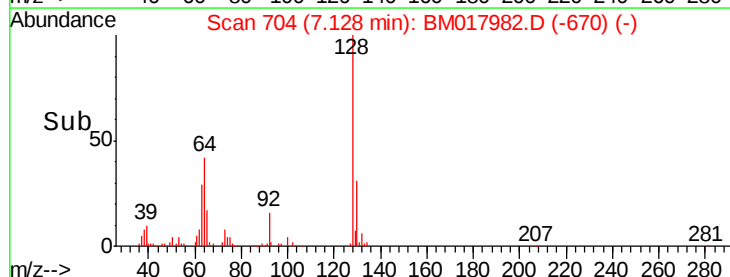
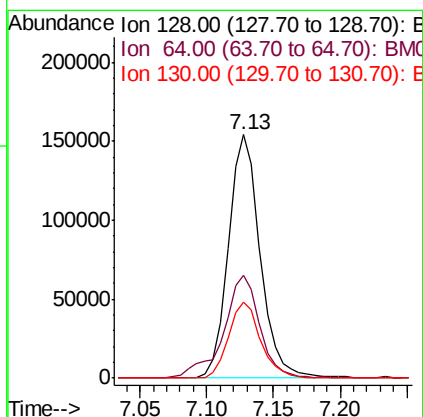
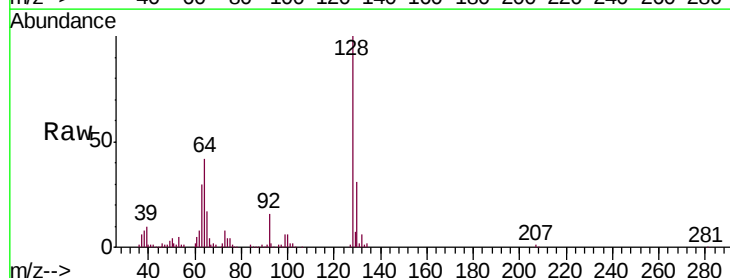


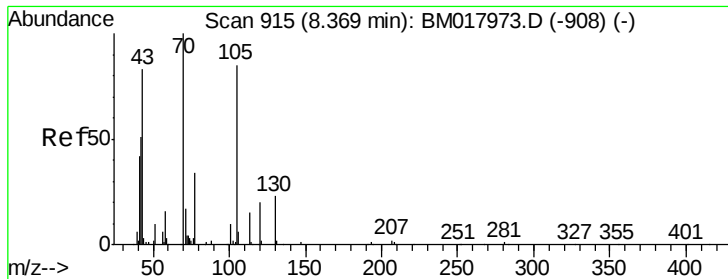
#10

2-Chlorophenol

Concen: 23.380 ng/ul
 RT: 7.13 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BM017982.D
 Acq: 07 Dec 2018 00:27

Tgt Ion: 128 Resp: 256084
 Ion Ratio Lower Upper
 128 100
 64 42.3 36.8 55.2
 130 30.9 25.0 37.4

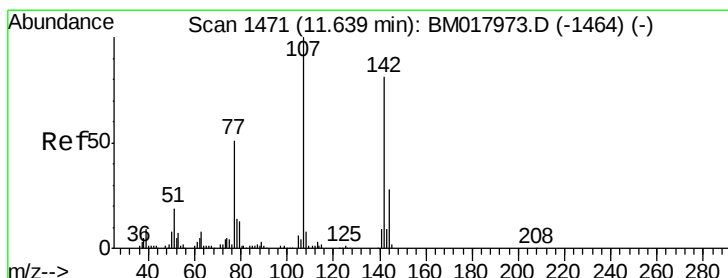
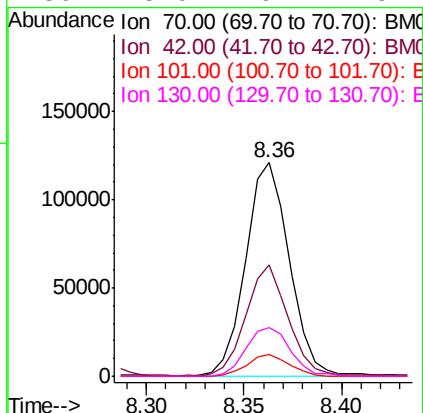
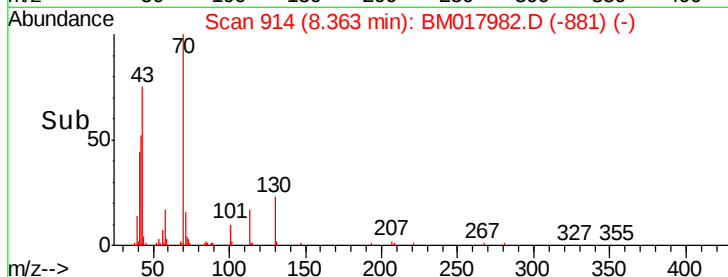
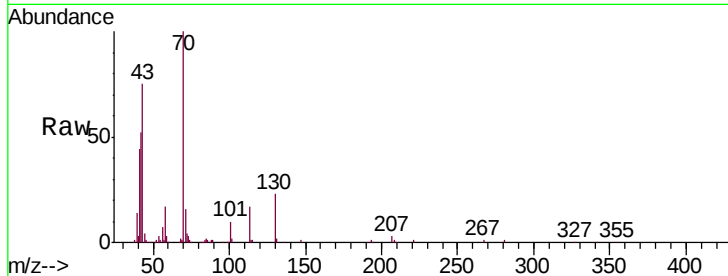




#15
N-Nitroso-di-n-propylamine
Concen: 20.114 ng/ul
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM017982.D
Acq: 07 Dec 2018 00:27

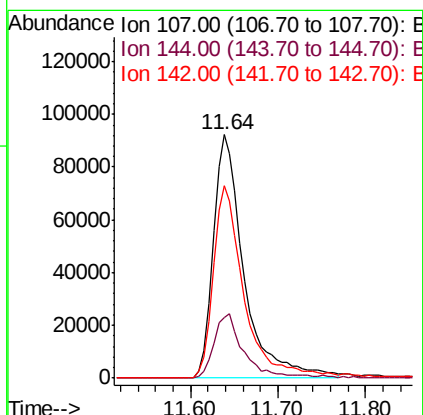
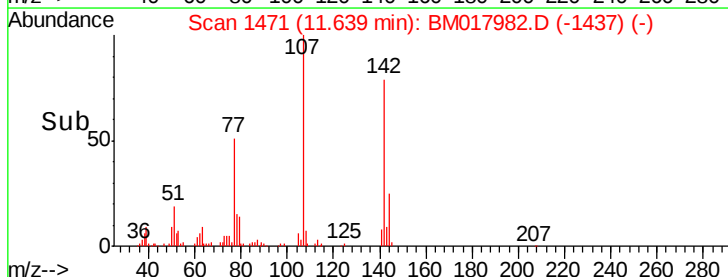
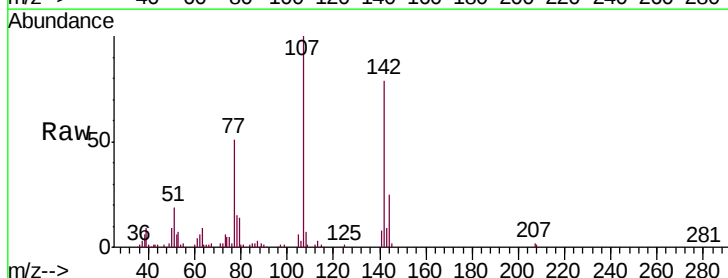
Instrument :
BNA_M
ClientSampleId :
A4178MS

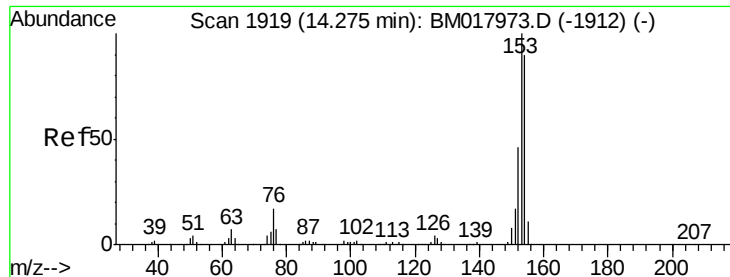
Tgt Ion:	70	Resp:	187194
Ion	Ratio	Lower	Upper
70	100		
42	52.3	42.7	64.1
101	10.4	7.6	11.4
130	23.0	16.7	25.1



#33
4-Chloro-3-methylphenol
Concen: 21.044 ng/ul
RT: 11.64 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BM017982.D
Acq: 07 Dec 2018 00:27

Tgt Ion:	107	Resp:	223832
Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.1	31.7
142	79.1	63.0	94.6





#49

Acenaphthene

Concen: 28.839 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM017982.D

Acq: 07 Dec 2018 00:27

Instrument :

BNA_M

ClientSampleId :

A4178MS

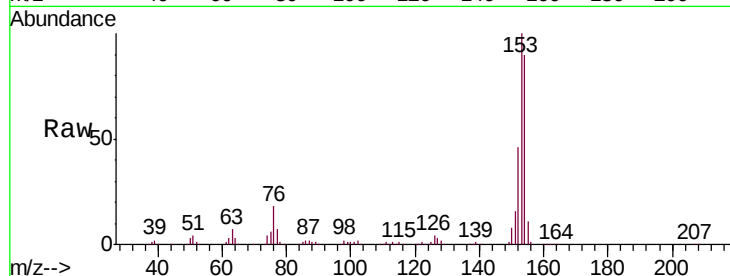
Tgt Ion:153 Resp: 626399

Ion Ratio Lower Upper

153 100

152 45.7 37.0 55.6

154 89.6 70.6 106.0

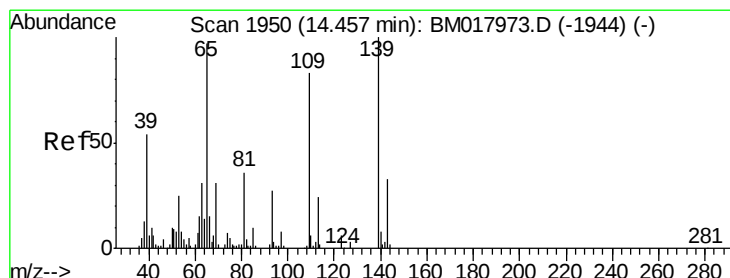
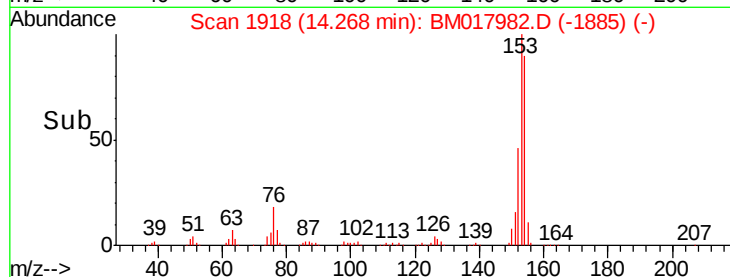
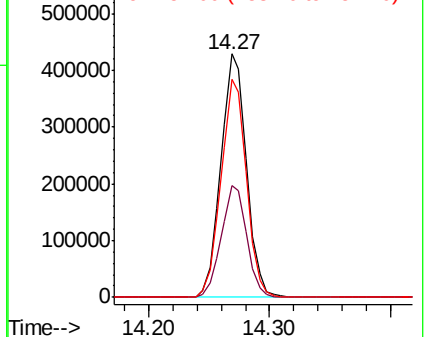


Abundance

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: 3.944 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.02 min

Lab File: BM017982.D

Acq: 07 Dec 2018 00:27

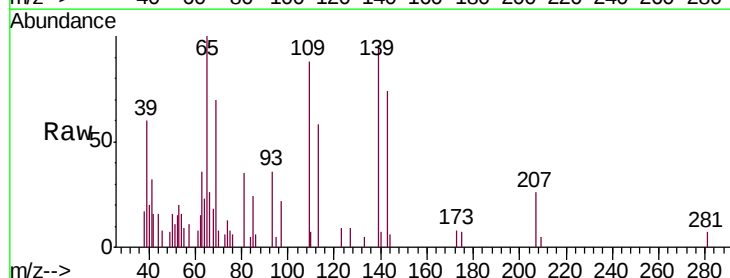
Tgt Ion:109 Resp: 15727

Ion Ratio Lower Upper

109 100

139 109.0 97.4 146.0

65 113.0 104.5 156.7

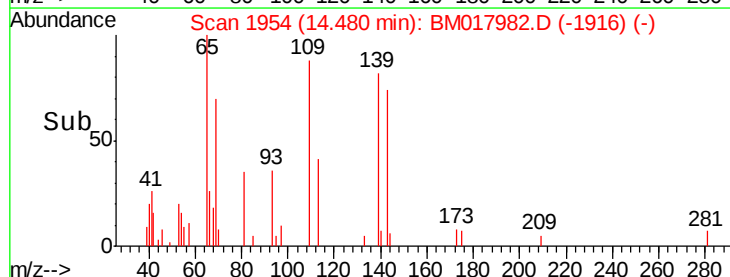
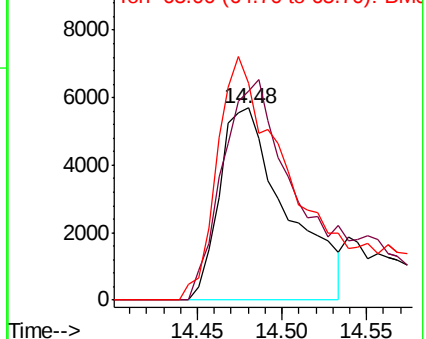


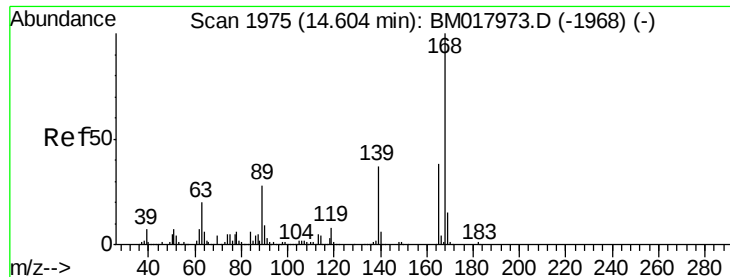
Abundance

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

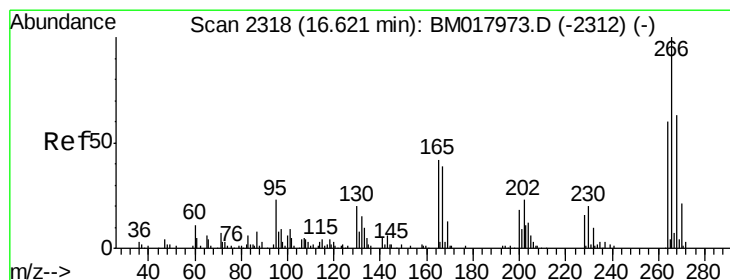
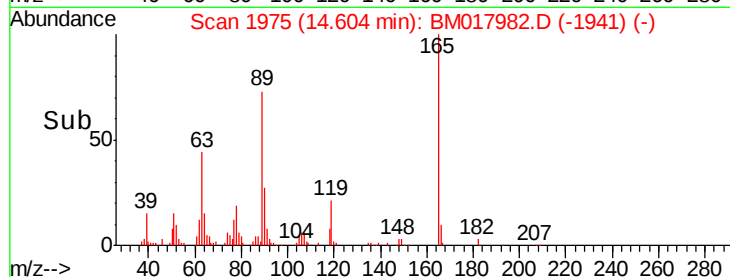
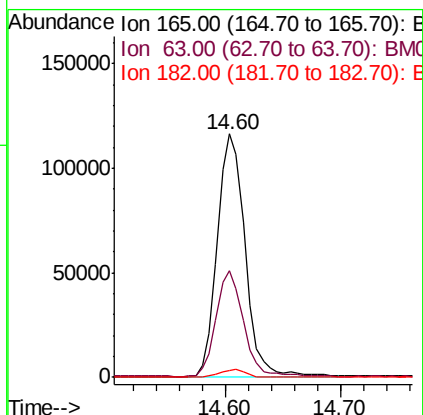
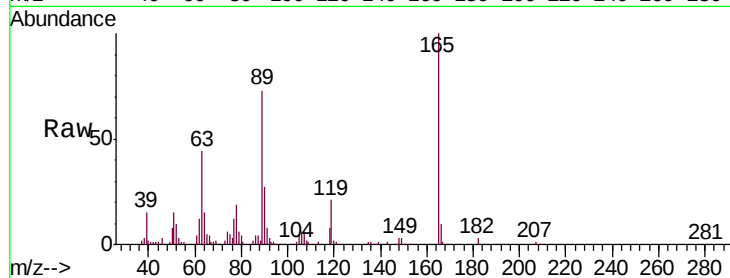




#54
 2,4-Dinitrotoluene
 Concen: 25.519 ng/ul
 RT: 14.60 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BM017982.D
 Acq: 07 Dec 2018 00:27

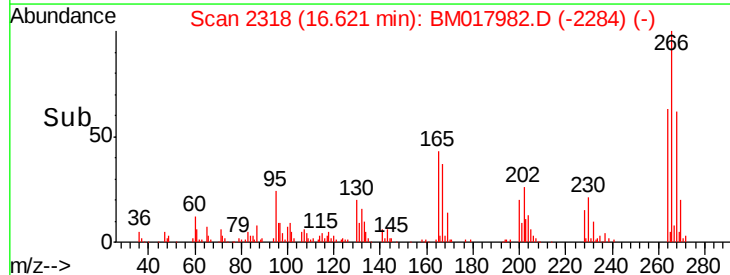
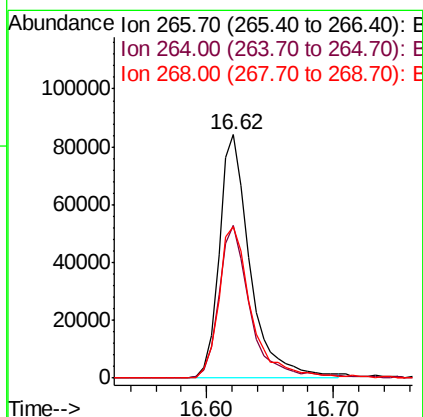
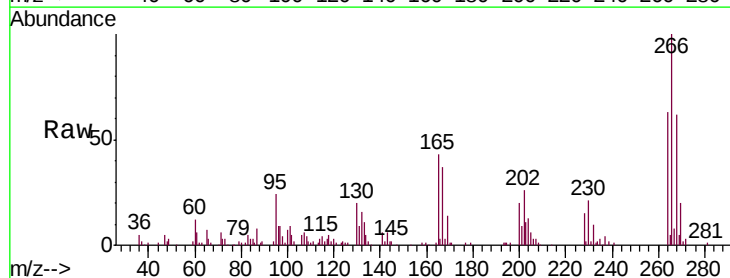
Instrument :
 BNA_M
 ClientSampleId :
 A4178MS

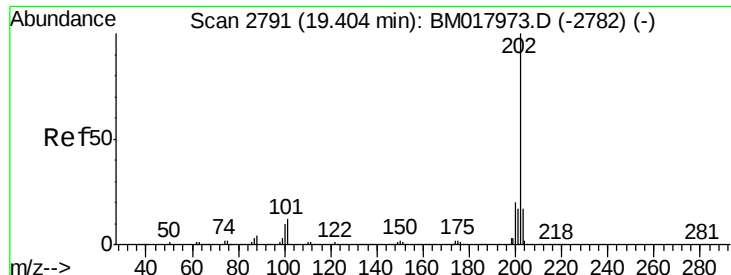
Tgt Ion:165 Resp: 196137
 Ion Ratio Lower Upper
 165 100
 63 43.7 41.8 62.8
 182 2.6 2.2 3.2



#68
 Pentachlorophenol
 Concen: 27.521 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM017982.D
 Acq: 07 Dec 2018 00:27

Tgt Ion:266 Resp: 142345
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.2 75.2
 268 62.0 49.8 74.8





#79

Pyrene

Concen: 31.051 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM017982.D

Acq: 07 Dec 2018 00:27

Instrument :

BNA_M

ClientSampleId :

A4178MS

Tgt Ion:202 Resp: 1354428

Ion Ratio Lower Upper

202 100

101 12.6 9.6 14.4

100 10.7 7.9 11.9

