

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017983.D
 Acq On : 07 Dec 2018 01:02
 Operator : JU/SJ
 Sample : J6155-08MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4178MSD

Manual Integrations
 APPROVED

mohammad
 12/7/2018 12:22:13 PM

Quant Time: Dec 07 07:45:18 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	0.00	131	0d	0.00	ng/ul	
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	17990m	4.37	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

					Ovalue
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	10977m	3.243	ng/ul
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) Pvrene	19.40	202	1064403	29.427	ng/ul 99

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

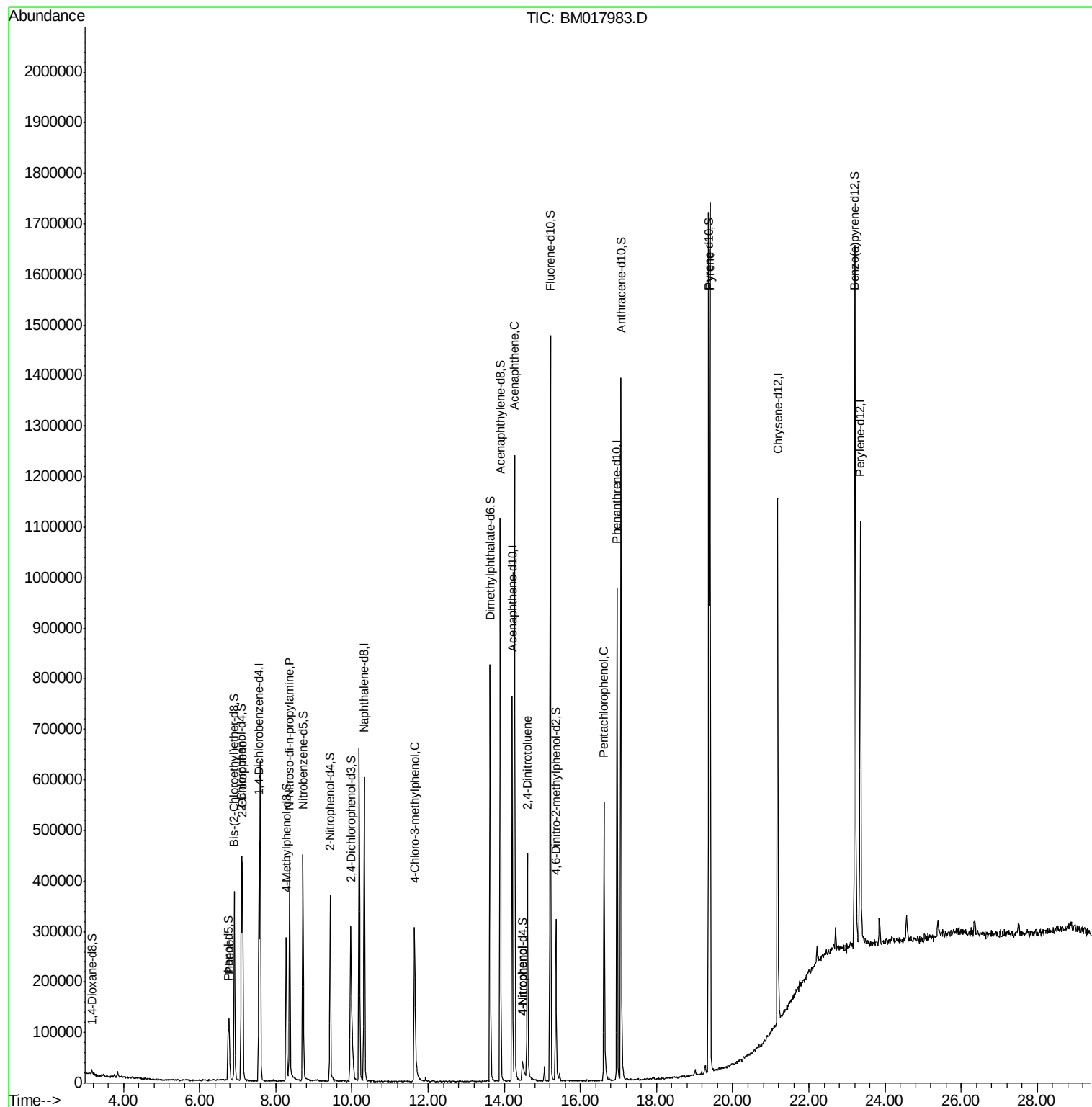
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
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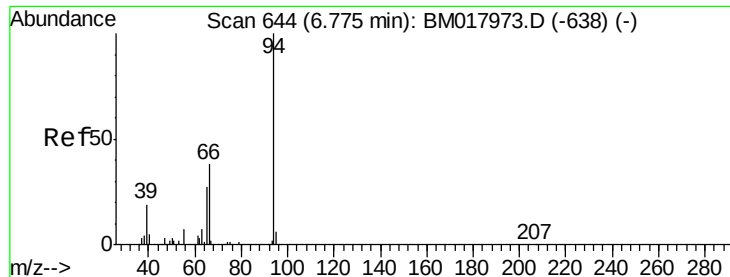
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 06:52:15 2018
Response via : Initial Calibration





#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

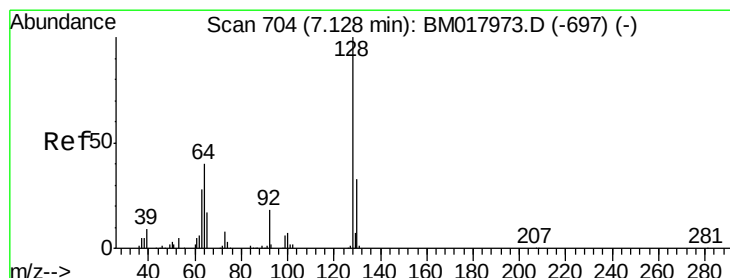
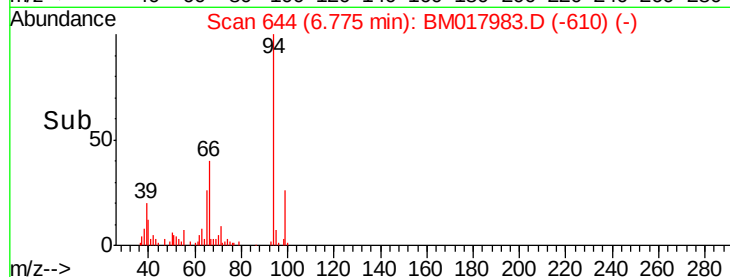
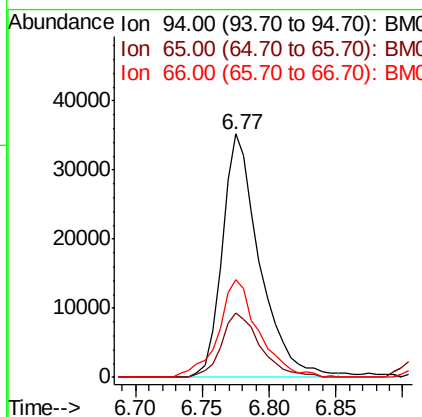
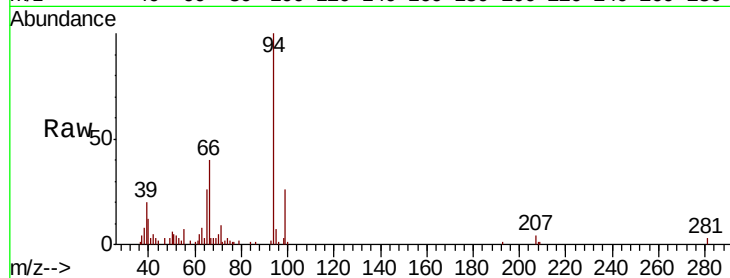
ClientSampleId :

A4178MSD

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

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#10

2-Chlorophenol

Concen: 21.097 ng/ul

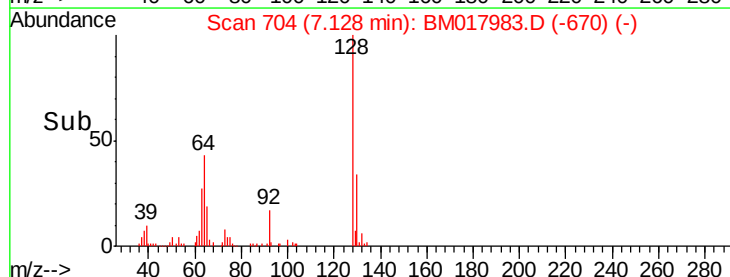
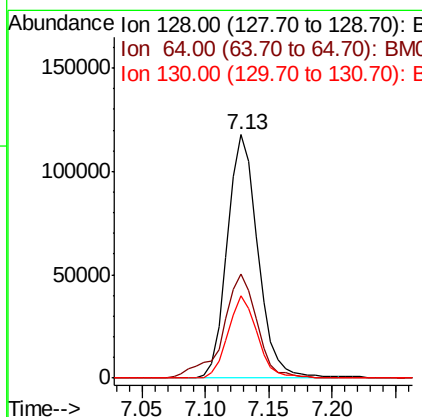
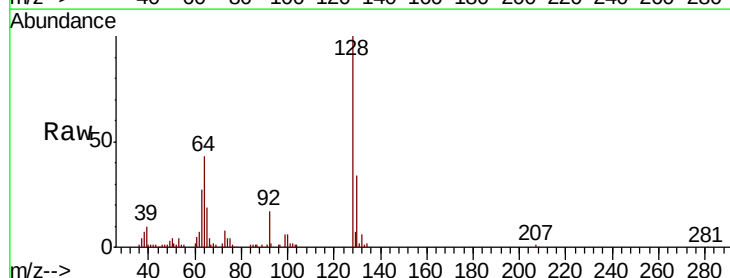
RT: 7.13 min Scan# 704

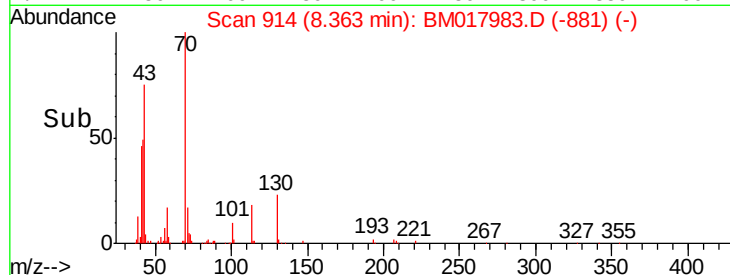
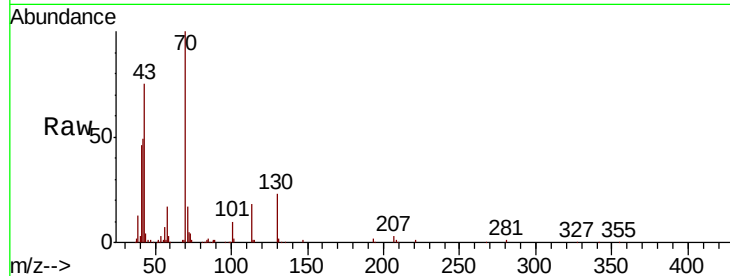
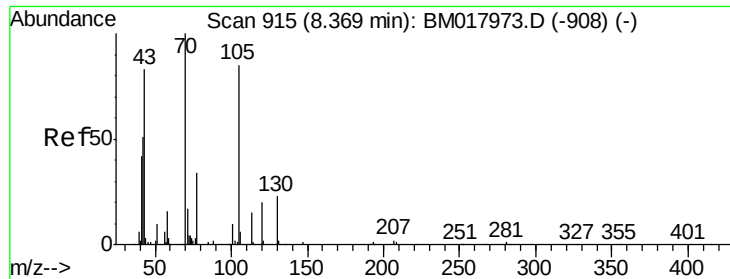
Delta R.T. -0.00 min

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

Tot Ion: 70 Resp: 158124

Ion Ratio Lower Upper

70 100

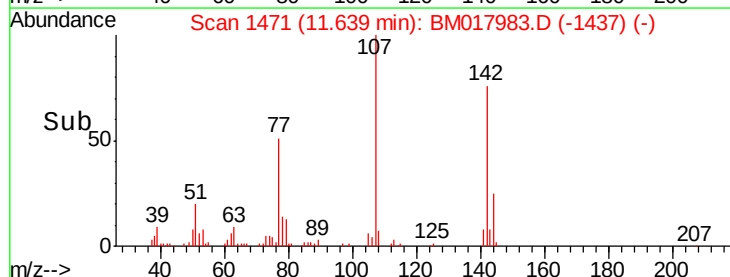
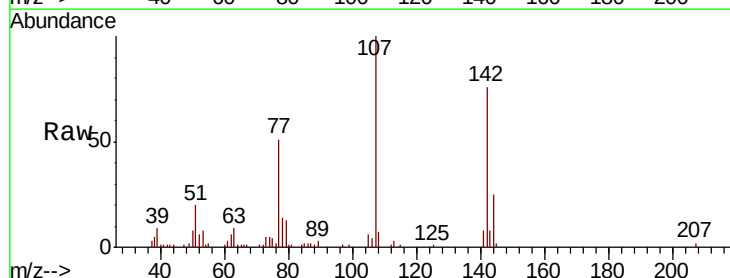
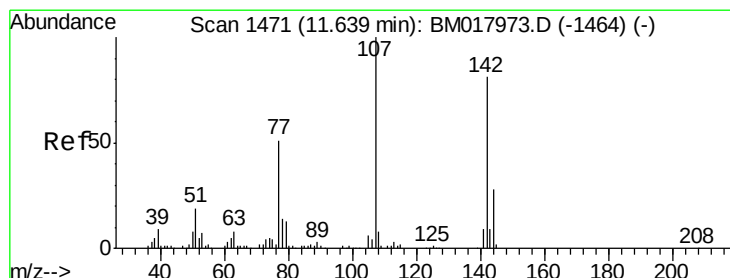
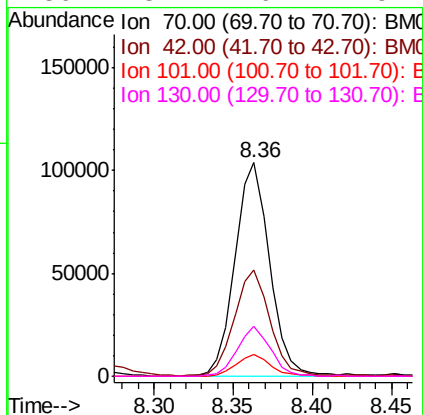
42 49.5 42.7 64.1

101 10.1 7.6 11.4

130 23.4 16.7 25.1

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#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

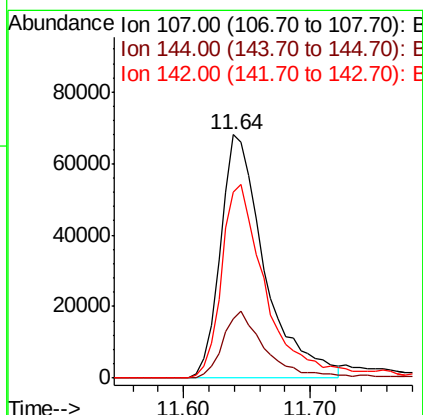
Tgt Ion: 107 Resp: 164848

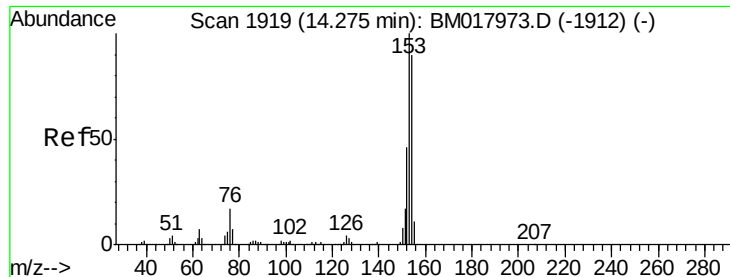
Ion Ratio Lower Upper

107 100

144 24.6 21.1 31.7

142 76.4 63.0 94.6





#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

Instrument :

BNA_M

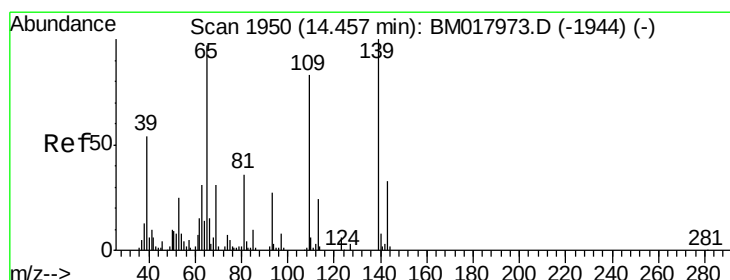
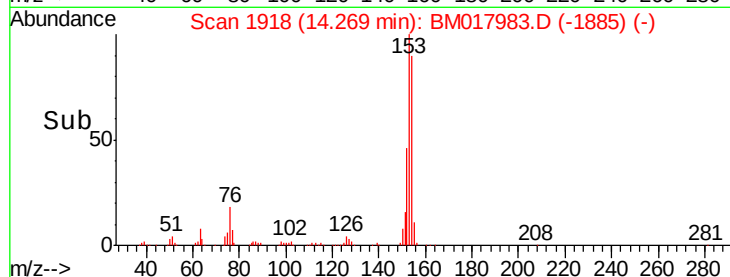
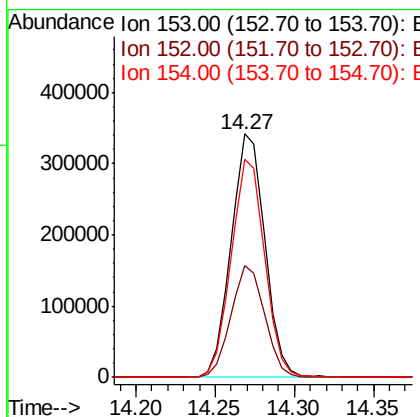
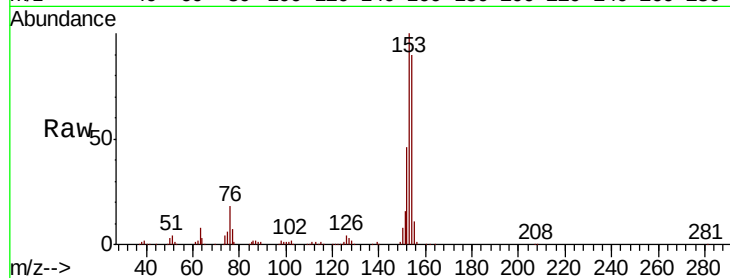
ClientSampleId :

A4178MSD

Tot Ion:	153	Resp:	505706
Ion Ratio	Lower	Upper	
153	100		
152	45.9	37.0	55.6
154	89.5	70.6	106.0

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#52

4-Nitrophenol

Concen: 3.243 ng/ul m

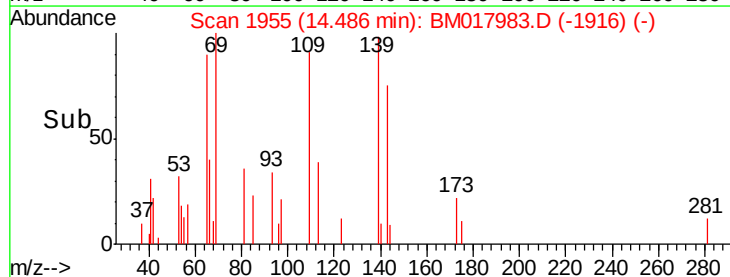
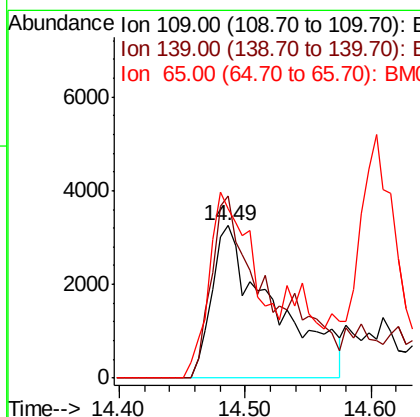
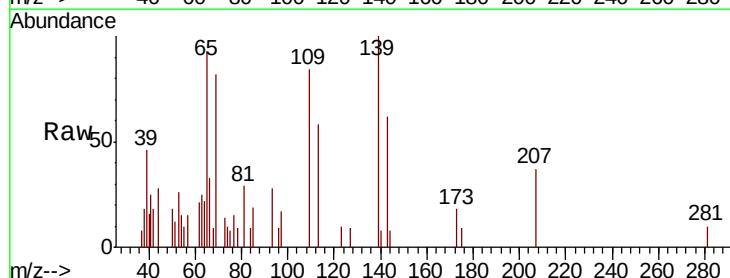
RT: 14.49 min Scan# 1955

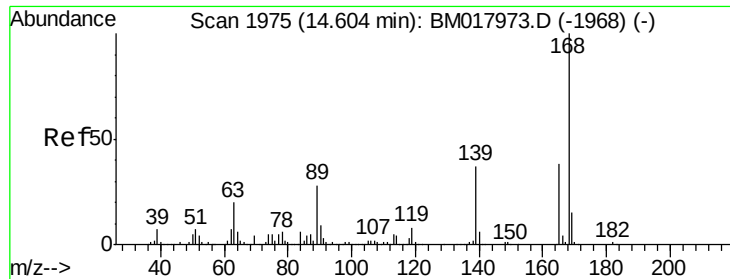
Delta R.T. 0.03 min

Lab File: BM017983.D

Acq: 07 Dec 2018 01:02

Tgt Ion:	109	Resp:	10977
Ion Ratio	Lower	Upper	
109	100		
139	119.7	97.4	146.0
65	111.4	104.5	156.7





#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

Instrument :

BNA_M

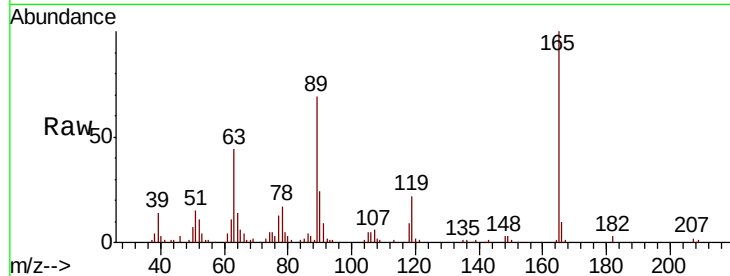
ClientSampleId :

A4178MSD

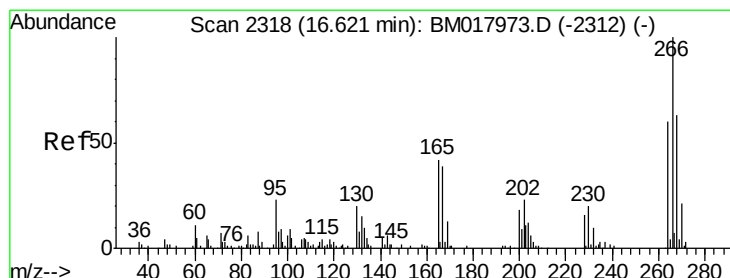
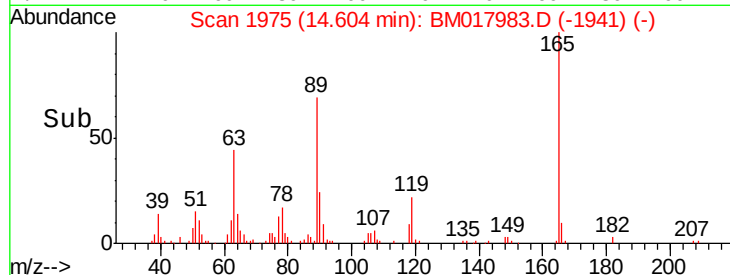
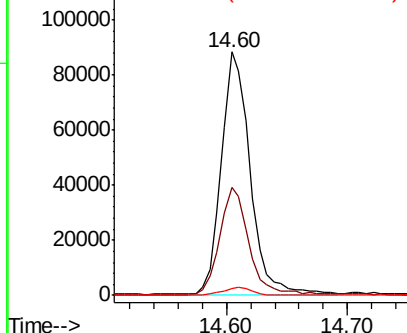
Tot Ion:	165	Resp:	147625
Ion Ratio	Lower	Upper	
165	100		
63	44.4	41.8	62.8
182	2.6	2.2	3.2

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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: 24.815 ng/ul

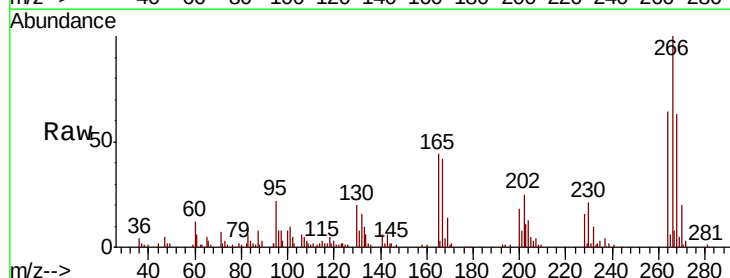
RT: 16.62 min Scan# 2318

Delta R.T. -0.00 min

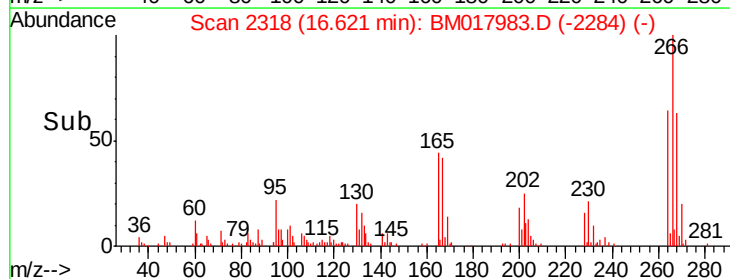
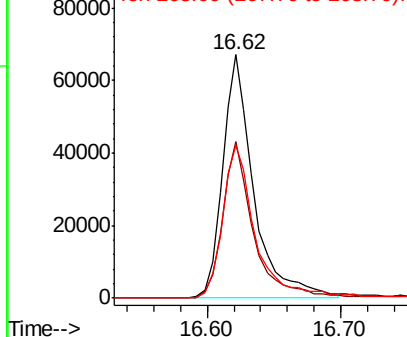
Lab File: BM017983.D

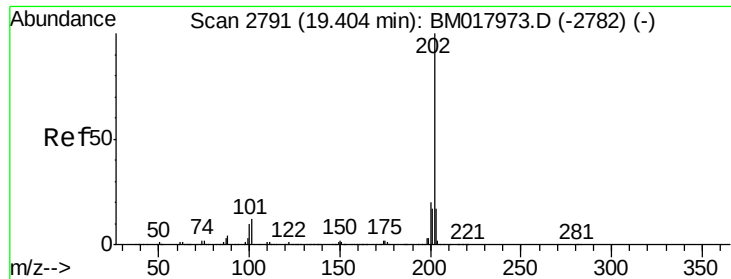
Acq: 07 Dec 2018 01:02

Tgt Ion:	266	Resp:	109361
Ion Ratio	Lower	Upper	
266	100		
264	64.4	50.2	75.2
268	62.6	49.8	74.8



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
 Pvrene
 Concen: 29.427 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BM017983.D
 Acq: 07 Dec 2018 01:02

Instrument :
 BNA_M
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 A4178MSD

Tot Ion:	202	Resp:	1064403
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
100	10.0	7.9	11.9

Manual Integrations
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