

Data File : BM017461.D
Acq On : 01 Nov 2018 12:30
Operator : MJ/SJ
Sample : J5701-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40K4MS

Quant Time: Nov 02 01:59:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 02 01:56:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	205859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	971408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	613694	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1555801	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1728705	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1651744	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	13143	2.94	ng/uL	0.00
5) Phenol-d5	6.82	99	286156	15.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	185571	16.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	237948	16.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	199027	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	132590	17.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	144771	17.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	240770	15.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	314849	24.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	913510	17.36	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1069585	16.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	111392	11.33	ng/ul	0.00
58) Fluorene-d10	15.28	176	808645	17.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	125308	11.56	ng/ul	0.00
71) Anthracene-d10	17.13	188	1293585	16.80	ng/ul	0.00
79) Pyrene-d10	19.43	212	1443122	18.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1467254	16.82	ng/ul	0.00

Target Compounds

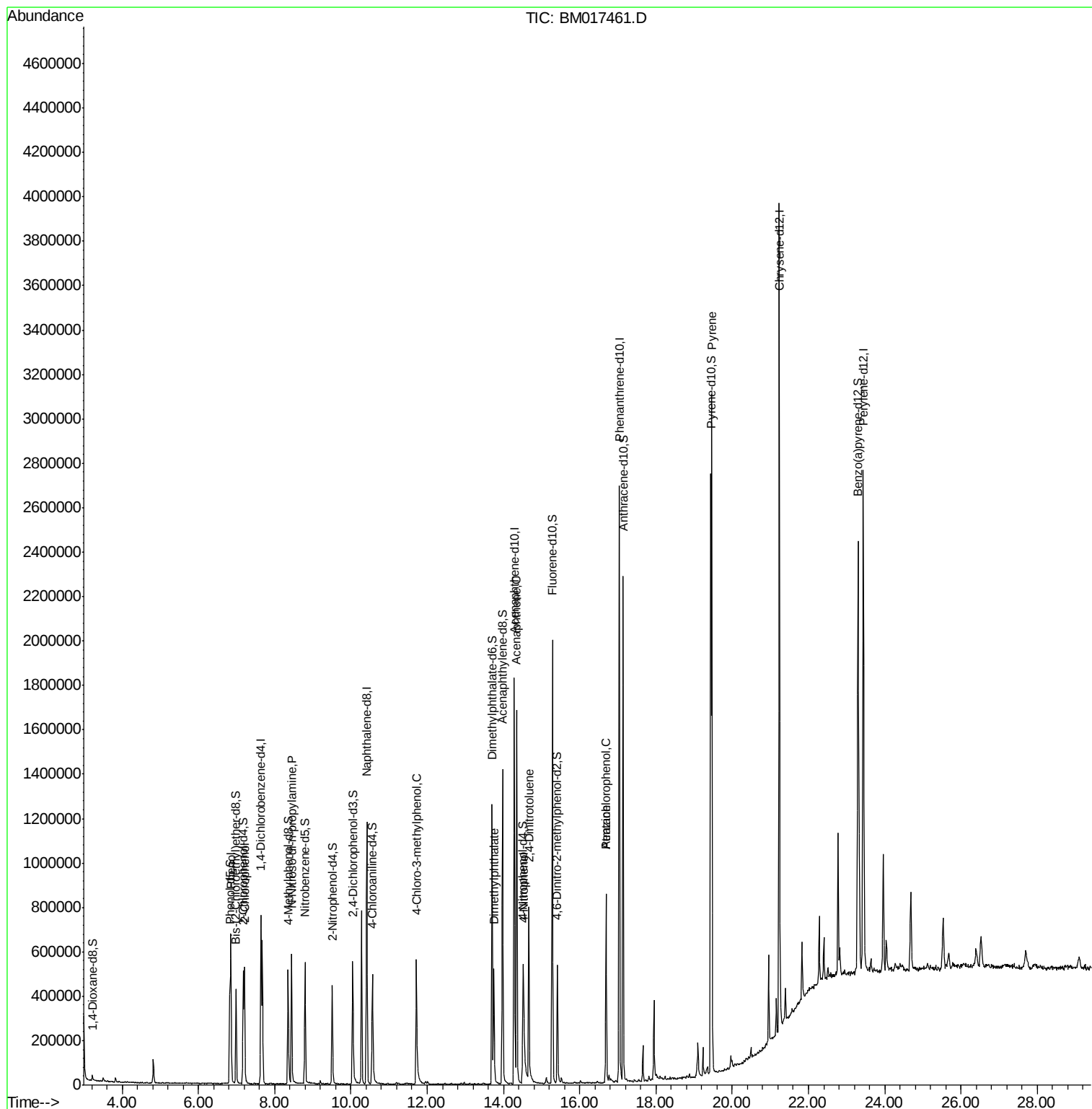
						Qvalue
6) Phenol	6.85	94	364467	19.519	ng/ul	97
10) 2-Chlorophenol	7.21	128	233192	15.923	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	204532	18.176	ng/ul	100
33) 4-Chloro-3-methylphenol	11.72	107	276545	16.599	ng/ul	99
45) Dimethylphthalate	13.75	163	334356	6.557	ng/ul	99
50) Acenaphthene	14.35	153	707463	16.475	ng/ul	98
53) 4-Nitrophenol	14.53	109	96592	12.957	ng/ul	98
55) 2,4-Dinitrotoluene	14.67	165	257874	16.891	ng/ul	99
68) Atrazine	16.69	200	21167	1.231	ng/ul#	35
69) Pentachlorophenol	16.69	266	154468	12.549	ng/ul	97
80) Pyrene	19.47	202	1845314	18.382	ng/ul	99

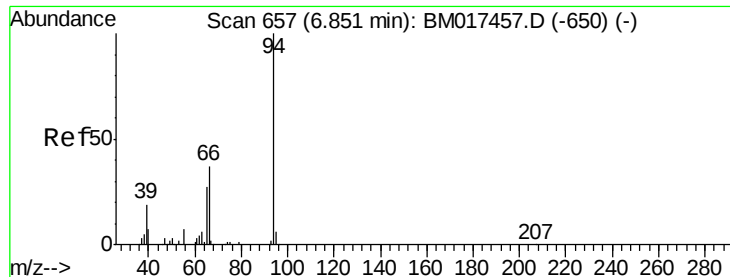
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 19.519 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

Instrument :

BNA_M

ClientSampleId :

A40K4MS

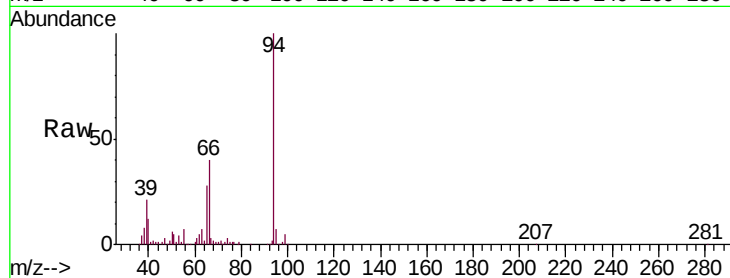
Tgt Ion: 94 Resp: 364467

Ion Ratio Lower Upper

94 100

65 28.0 24.0 36.0

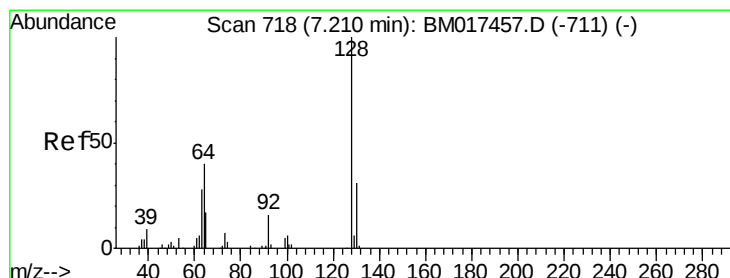
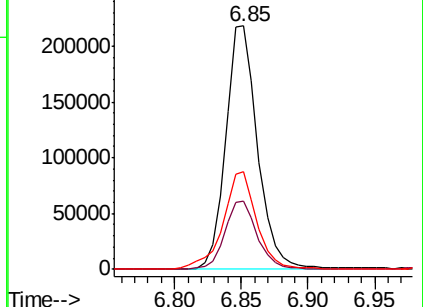
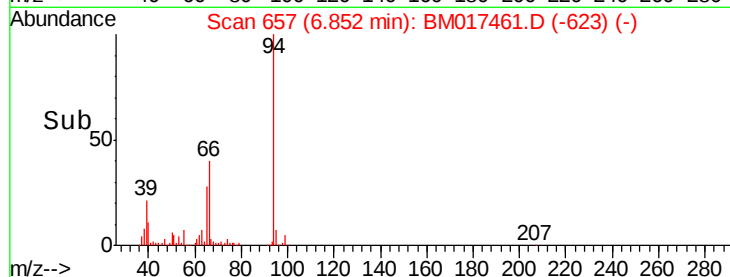
66 39.9 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017457.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM017457.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM017457.D (-650) (-)



#10

2-Chlorophenol

Concen: 15.923 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

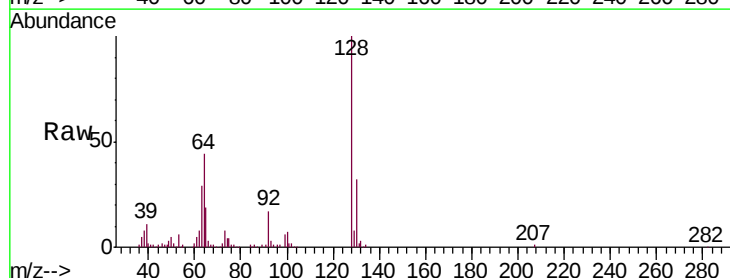
Tgt Ion: 128 Resp: 233192

Ion Ratio Lower Upper

128 100

64 44.4 36.2 54.2

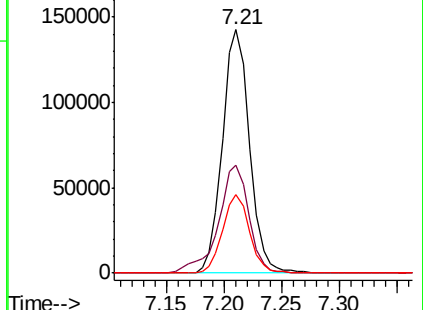
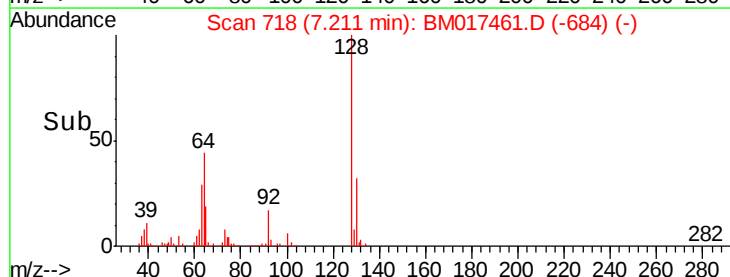
130 32.3 26.0 39.0

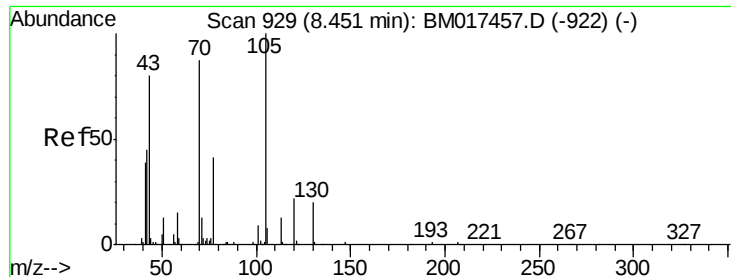


Abundance Ion 128.00 (127.70 to 128.70): BM017457.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM017457.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM017457.D (-711) (-)

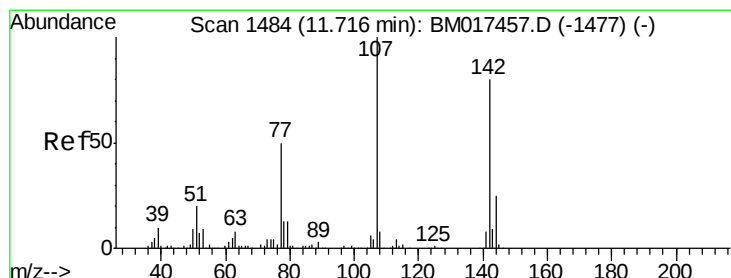
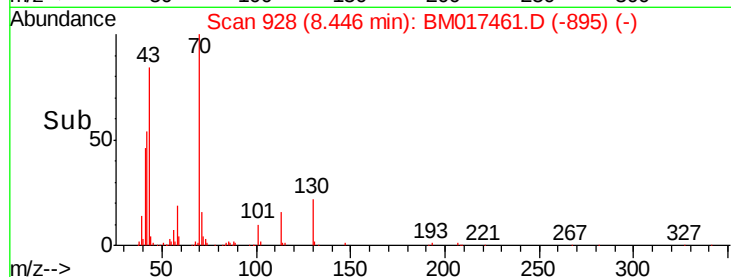
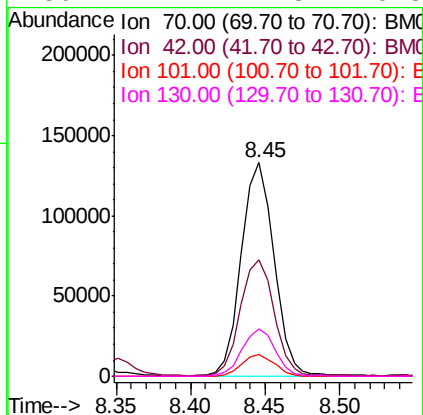
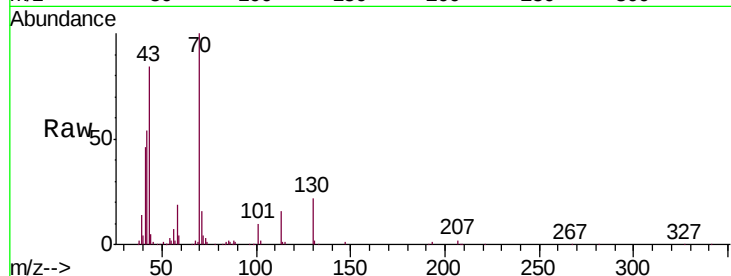




#15
N-Nitroso-di-n-propylamine
Concen: 18.176 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM017461.D
Acq: 01 Nov 2018 12:30

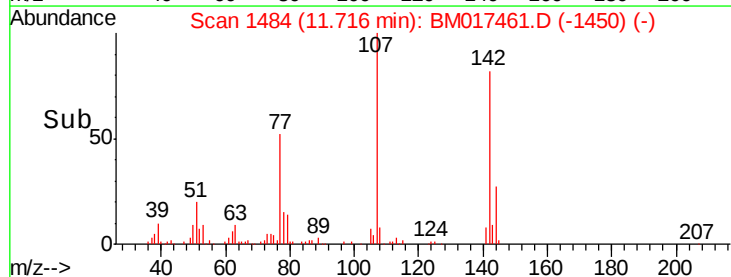
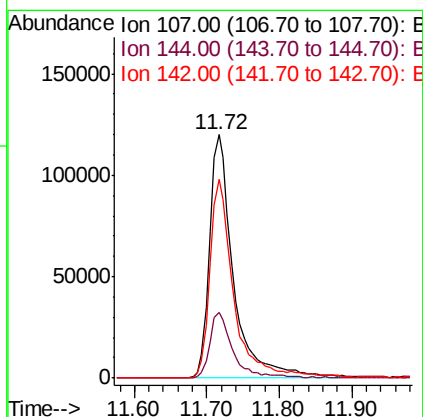
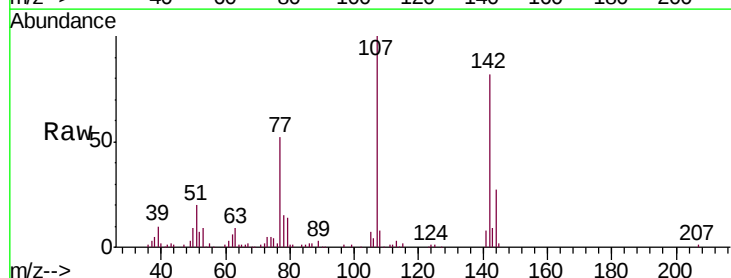
Instrument :
BNA_M
ClientSampleId :
A40K4MS

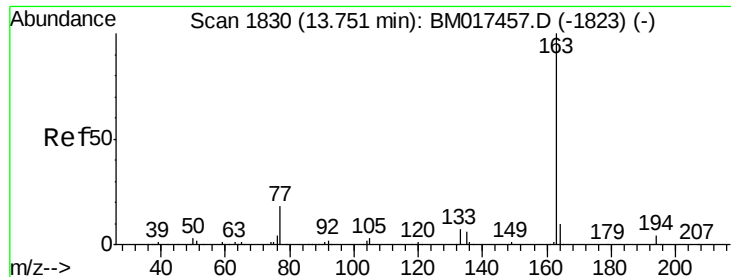
Tgt Ion:	70	Resp:	204532
Ion	Ratio	Lower	Upper
70	100		
42	54.4	43.7	65.5
101	10.4	8.0	12.0
130	22.1	17.8	26.8



#33
4-Chloro-3-methylphenol
Concen: 16.599 ng/ul
RT: 11.72 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BM017461.D
Acq: 01 Nov 2018 12:30

Tgt Ion:	107	Resp:	276545
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.6
142	81.6	65.0	97.4





#45

Dimethylphthalate

Concen: 6.557 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

Instrument :

BNA_M

ClientSampleId :

A40K4MS

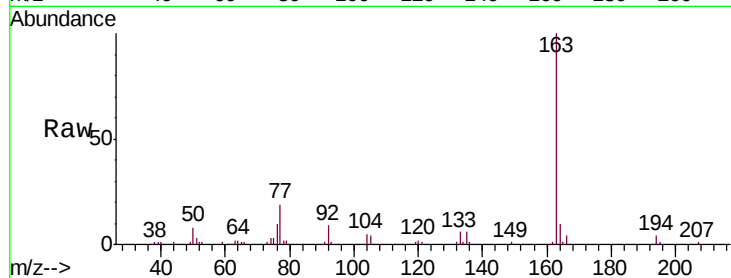
Tgt Ion:163 Resp: 334356

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

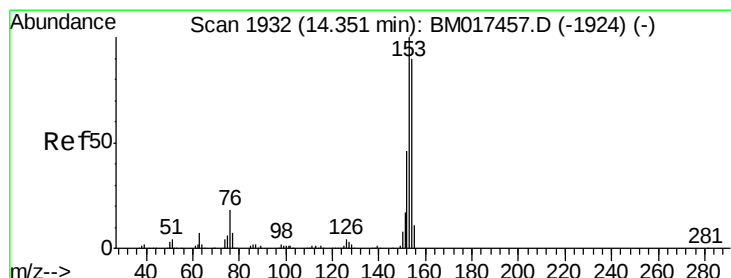
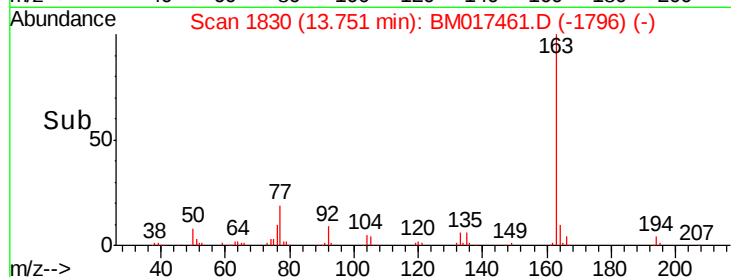
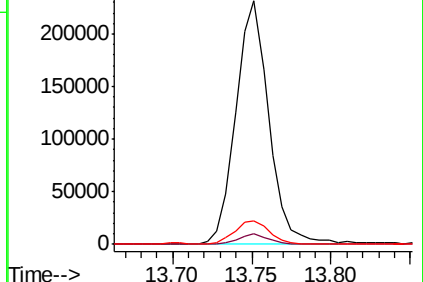
164 9.9 8.1 12.1



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



#50

Acenaphthene

Concen: 16.475 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

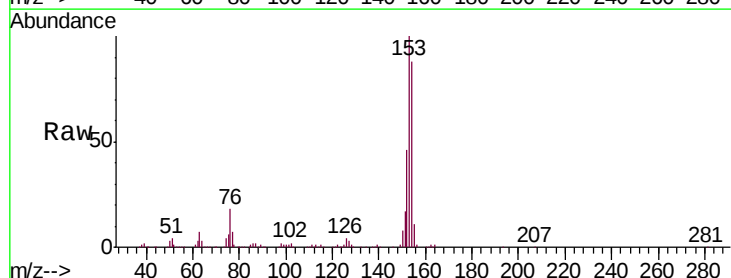
Tgt Ion:153 Resp: 707463

Ion Ratio Lower Upper

153 100

152 45.6 36.9 55.3

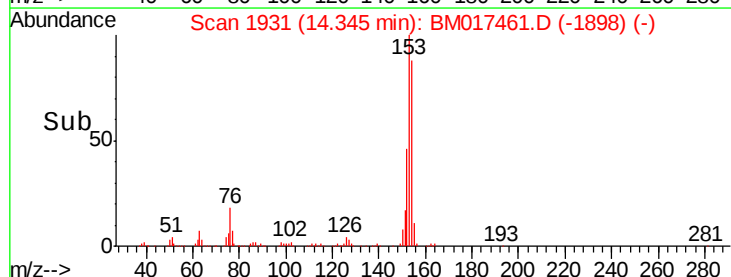
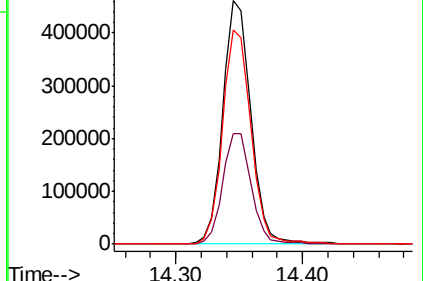
154 88.1 72.2 108.4

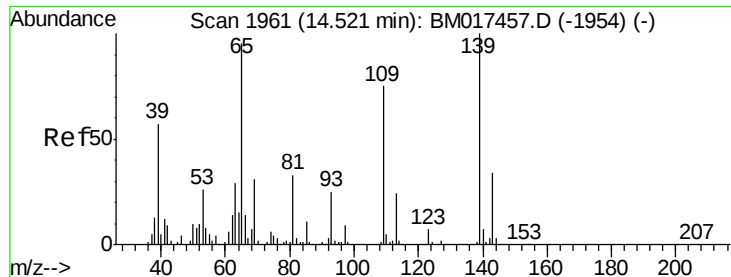


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 12.957 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

Instrument :

BNA_M

ClientSampleId :

A40K4MS

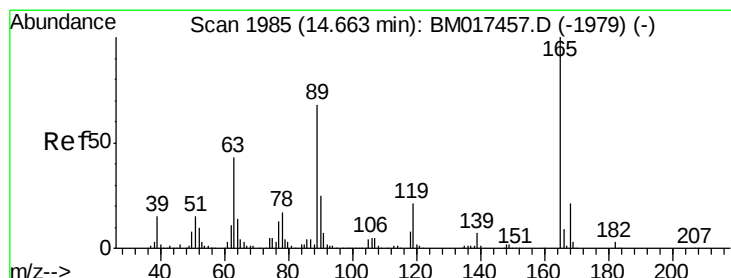
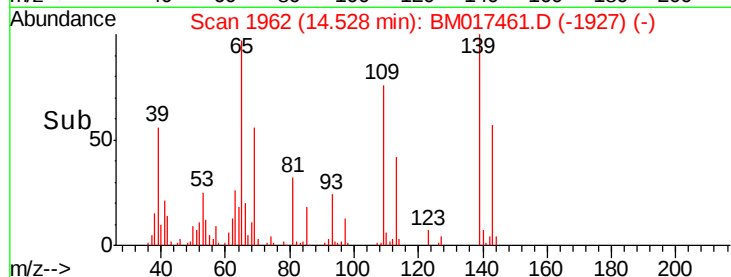
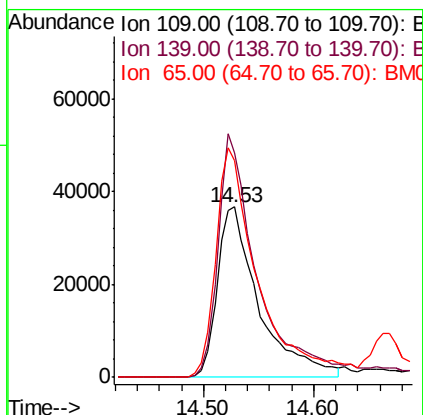
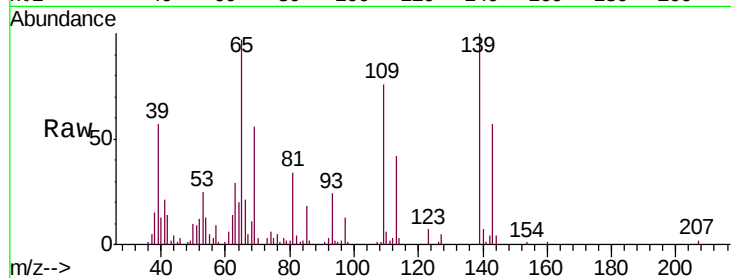
Tgt Ion:109 Resp: 96592

Ion Ratio Lower Upper

109 100

139 131.7 103.4 155.0

65 127.4 101.0 151.6



#55

2,4-Dinitrotoluene

Concen: 16.891 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

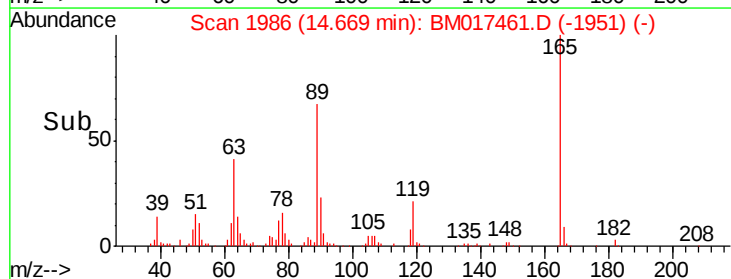
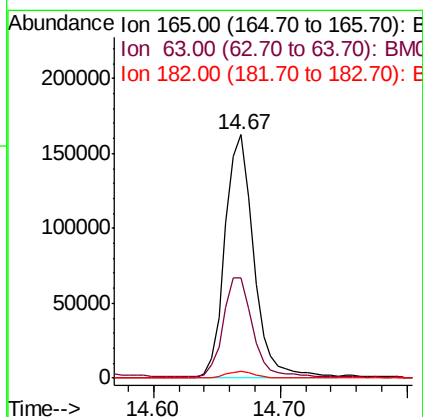
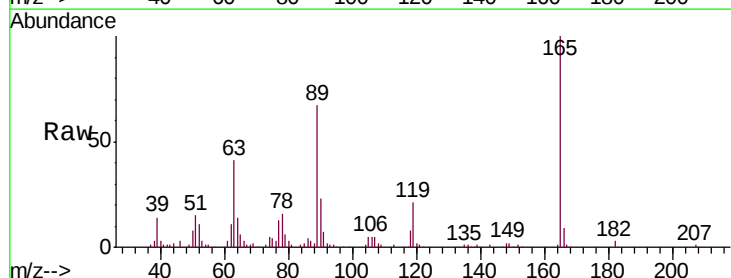
Tgt Ion:165 Resp: 257874

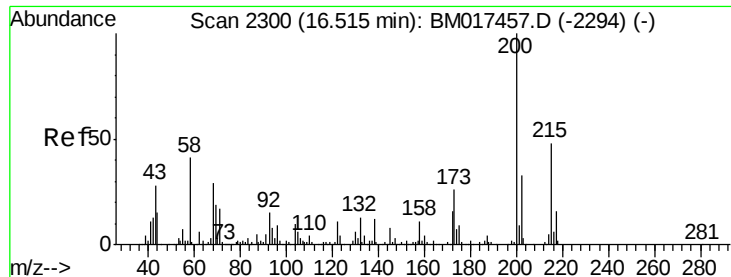
Ion Ratio Lower Upper

165 100

63 41.4 33.9 50.9

182 2.8 2.2 3.4





#68

Atrazine

Concen: 1.231 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. 0.17 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

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ClientSampleId :

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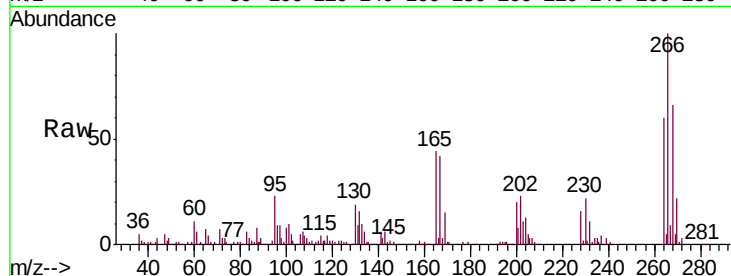
Tgt Ion:200 Resp: 21167

Ion Ratio Lower Upper

200 100

173 0.0 21.8 32.6#

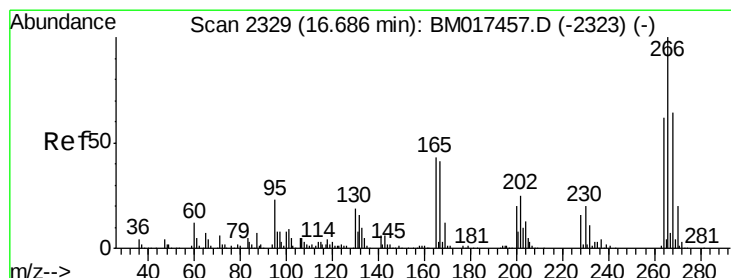
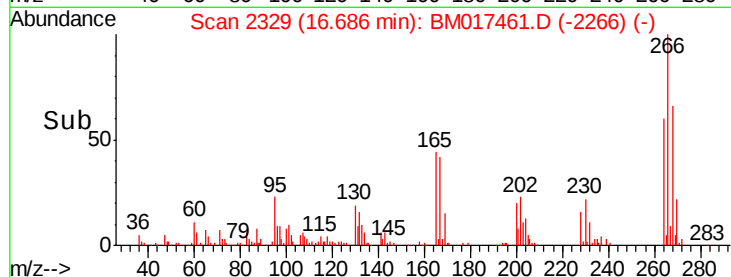
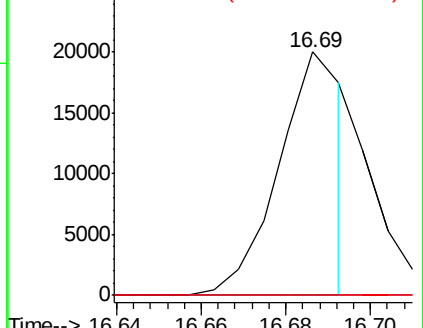
215 0.0 39.8 59.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 12.549 ng/ul

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BM017461.D

Acq: 01 Nov 2018 12:30

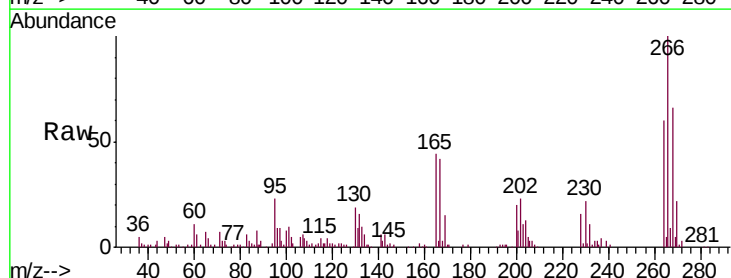
Tgt Ion:266 Resp: 154468

Ion Ratio Lower Upper

266 100

264 60.4 49.2 73.8

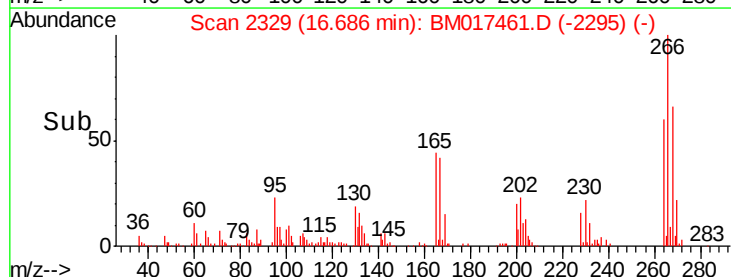
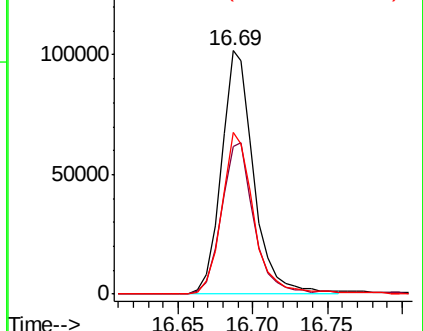
268 66.4 50.9 76.3

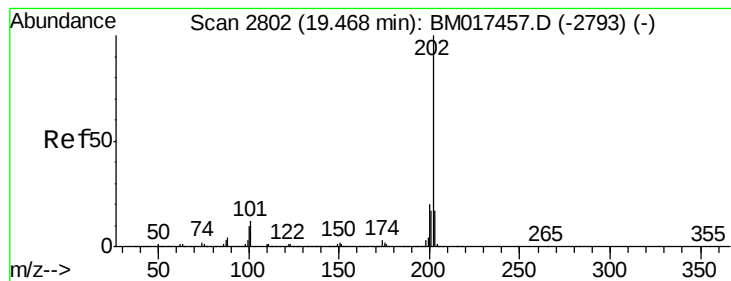


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80

Pyrene

Concen: 18.382 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

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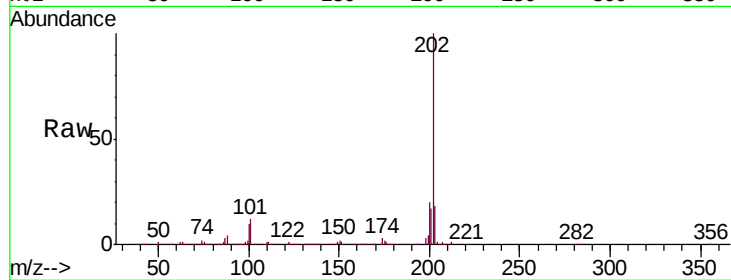
Tgt Ion:202 Resp: 1845314

Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 9.5 8.1 12.1



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

