

Data File : BM017709.D
Acq On : 20 Nov 2018 18:24
Operator : MJ/SJ
Sample : J6001-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40W4MSD

Quant Time: Nov 21 01:10:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 01:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	196446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	871400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	534707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1255510	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1423585	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1410571	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	6566	1.53	ng/uL	0.00
5) Phenol-d5	6.79	99	123715	6.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	335420	31.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	369864	26.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	232962	15.89	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	224428	33.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	256543	33.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	431834	29.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	8354	0.67	ng/ul	0.04
43) Dimethylphthalate-d6	13.66	166	1588522	34.24	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1888015	33.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	46198	5.48	ng/ul	0.01
57) Fluorene-d10	15.25	176	1374685	34.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	260793	29.06	ng/ul	0.00
70) Anthracene-d10	17.10	188	2177314	34.83	ng/ul	0.00
78) Pyrene-d10	19.40	212	2482180	36.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	2687874	35.13	ng/ul	0.00

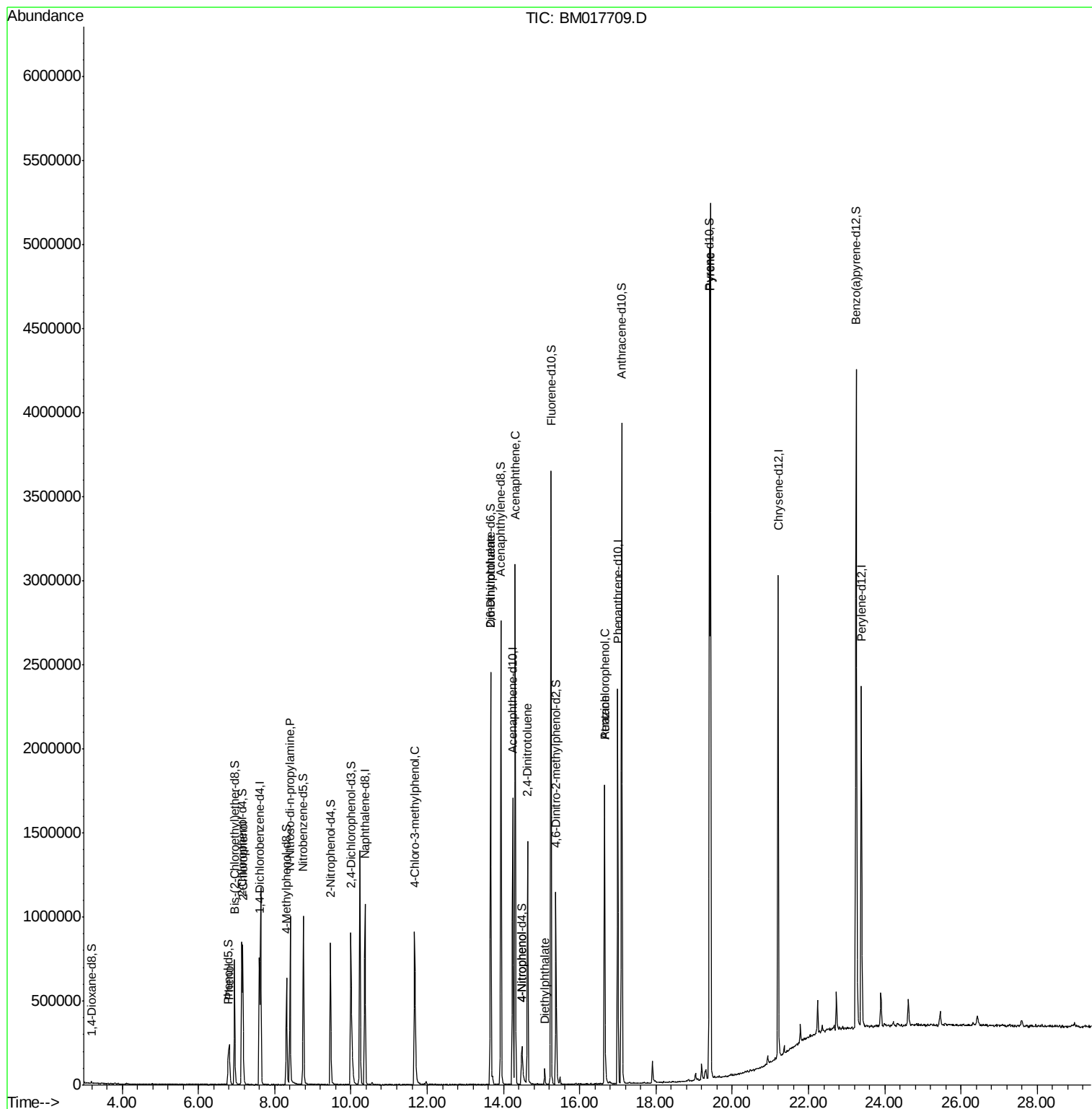
Target Compounds				Qvalue		
6) Phenol	6.81	94	128746	7.189	ng/ul	96
10) 2-Chlorophenol	7.16	128	342630	24.429	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	364537	30.589	ng/ul	98
33) 4-Chloro-3-methylphenol	11.67	107	406738	25.980	ng/ul	98
45) 2,6-Dinitrotoluene	13.67	165	10191	1.154	ng/ul#	34
49) Acenaphthene	14.31	153	1189389	31.471	ng/ul	99
52) 4-Nitrophenol	14.49	109	38410	5.536	ng/ul	92
54) 2,4-Dinitrotoluene	14.63	165	426063	31.859	ng/ul	88
56) Diethylphthalate	15.09	149	46562	1.006	ng/ul	98
67) Atrazine	16.65	200	46841	3.267	ng/ul#	36
68) Pentachlorophenol	16.65	266	306420	30.886	ng/ul	98
79) Pyrene	19.43	202	2946619	34.097	ng/ul	99

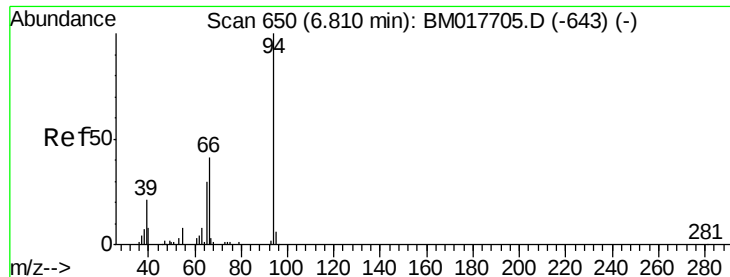
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.189 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM017709.D

Acq: 20 Nov 2018 18:24

Instrument :

BNA_M

ClientSampleId :

A40W4MSD

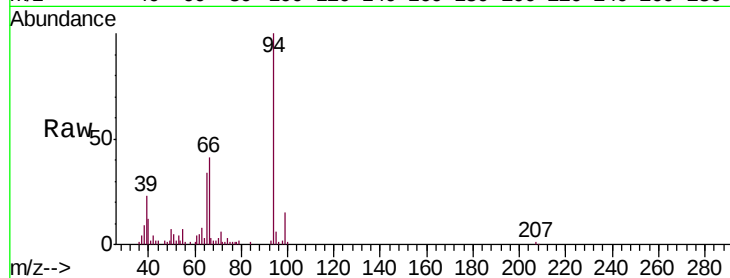
Tgt Ion: 94 Resp: 128746

Ion Ratio Lower Upper

94 100

65 33.5 24.7 37.1

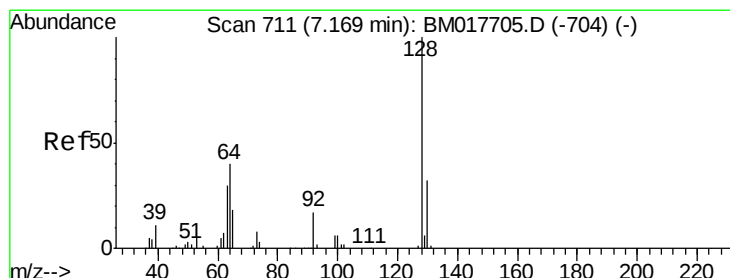
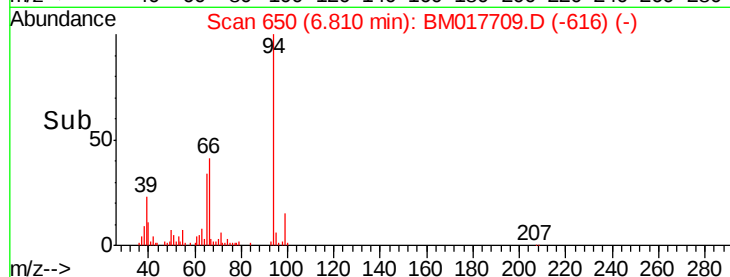
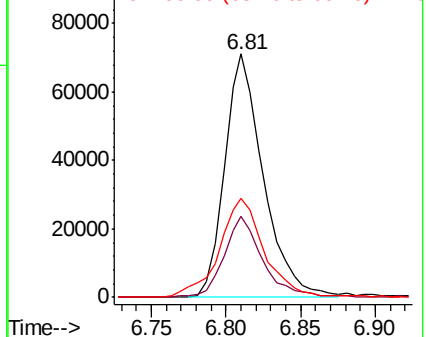
66 40.5 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM017709.D (-616) (-)

Ion 65.00 (64.70 to 65.70): BM017709.D (-616) (-)

Ion 66.00 (65.70 to 66.70): BM017709.D (-616) (-)



#10

2-Chlorophenol

Concen: 24.429 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM017709.D

Acq: 20 Nov 2018 18:24

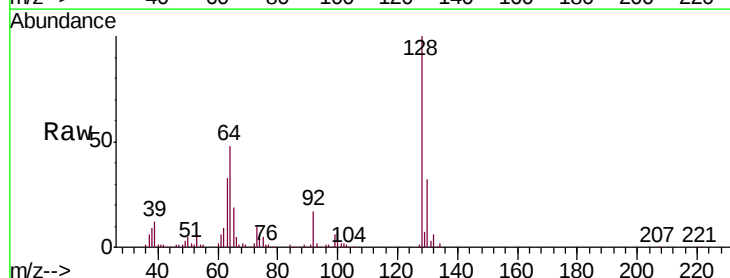
Tgt Ion: 128 Resp: 342630

Ion Ratio Lower Upper

128 100

64 47.7 36.8 55.2

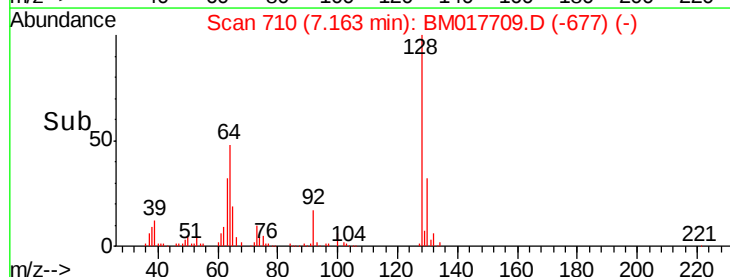
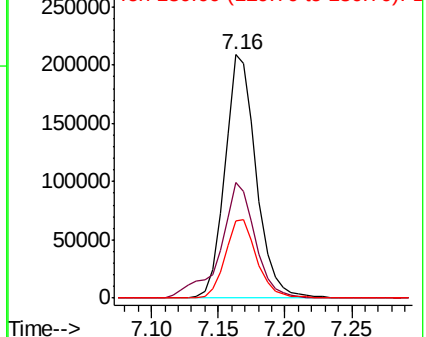
130 31.9 25.0 37.4

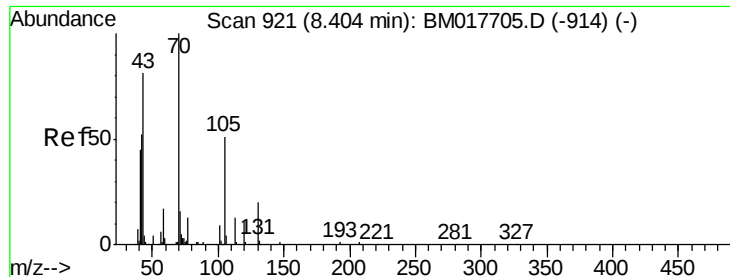


Abundance Ion 128.00 (127.70 to 128.70): BM017709.D (-677) (-)

Ion 64.00 (63.70 to 64.70): BM017709.D (-677) (-)

Ion 130.00 (129.70 to 130.70): BM017709.D (-677) (-)

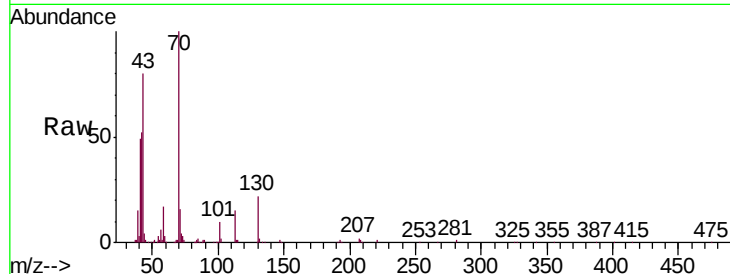




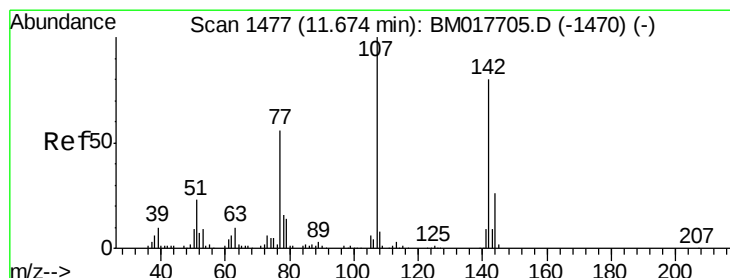
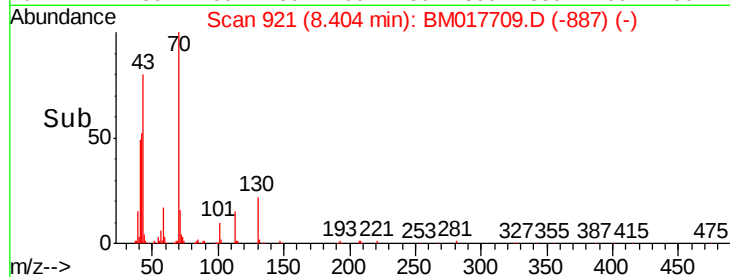
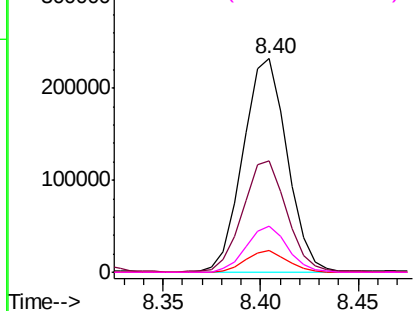
#15
N-Nitroso-di-n-propylamine
Concen: 30.589 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

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BNA_M
ClientSampleId :
A40W4MSD

Tgt Ion:	70	Resp:	364537
Ion	Ratio	Lower	Upper
70	100		
42	52.0	42.7	64.1
101	10.5	7.6	11.4
130	21.5	16.7	25.1

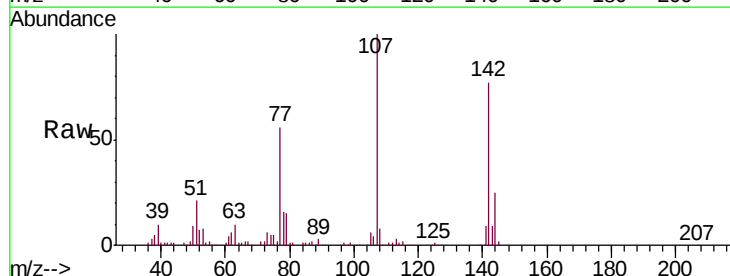


Abundance Ion 70.00 (69.70 to 70.70): BM017705.D (-914) (-)
Ion 42.00 (41.70 to 42.70): BM017705.D (-914) (-)
Ion 101.00 (100.70 to 101.70): BM017705.D (-914) (-)
Ion 130.00 (129.70 to 130.70): BM017705.D (-914) (-)

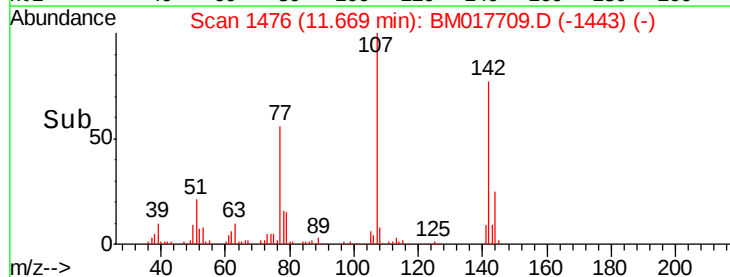
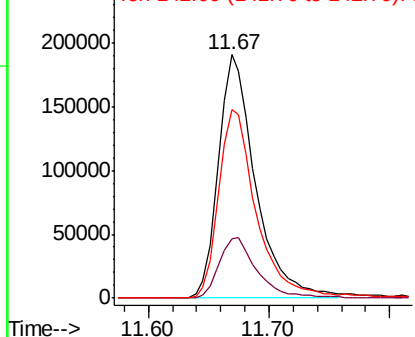


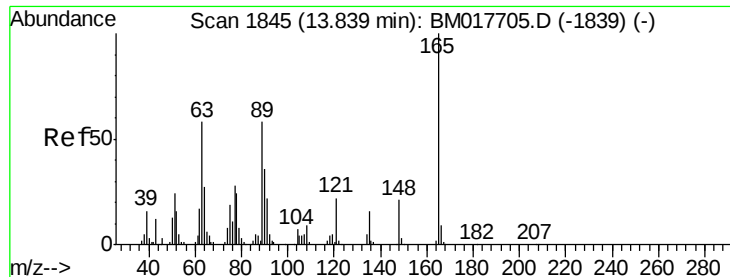
#33
4-Chloro-3-methylphenol
Concen: 25.980 ng/ul
RT: 11.67 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

Tgt Ion:	107	Resp:	406738
Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.1	31.7
142	77.3	63.0	94.6



Abundance Ion 107.00 (106.70 to 107.70): BM017705.D (-1470) (-)
Ion 144.00 (143.70 to 144.70): BM017705.D (-1470) (-)
Ion 142.00 (141.70 to 142.70): BM017705.D (-1470) (-)

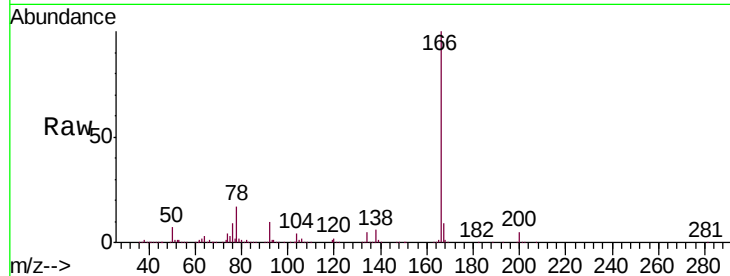




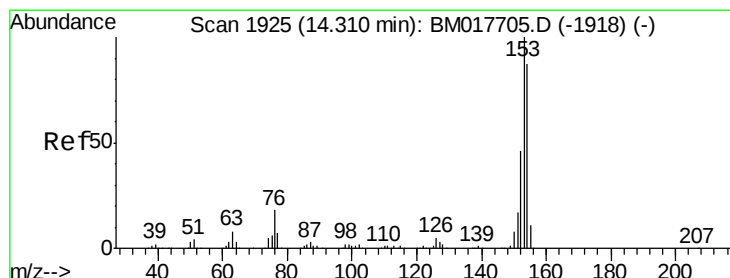
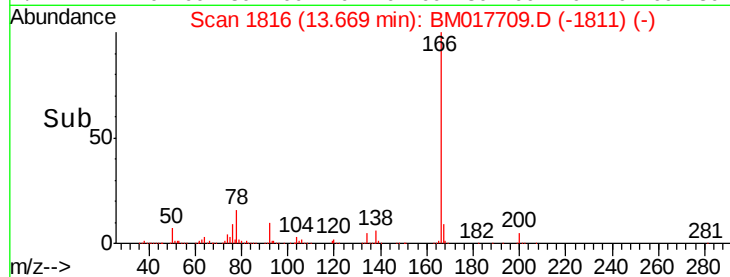
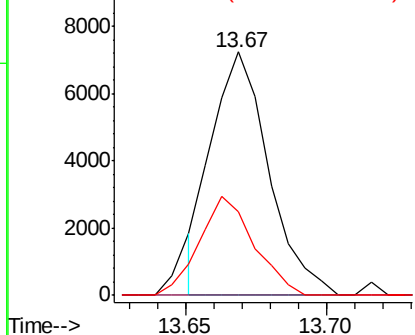
#45
 2,6-Dinitrotoluene
 Concen: 1.154 ng/ul
 RT: 13.67 min Scan# 1816
 Delta R.T. -0.17 min
 Lab File: BM017709.D
 Acq: 20 Nov 2018 18:24

Instrument :
 BNA_M
 ClientSampleId :
 A40W4MSD

Tgt Ion:165 Resp: 10191
 Ion Ratio Lower Upper
 165 100
 89 0.0 48.0 72.0#
 121 34.6 17.0 25.6#

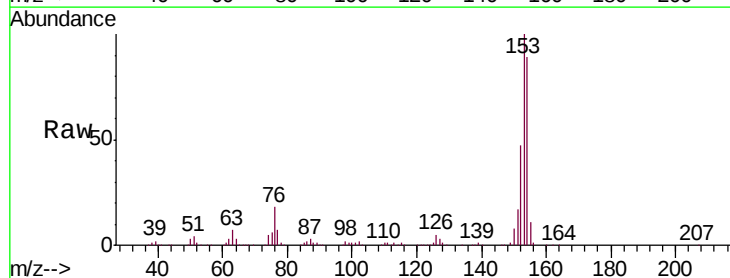


Abundance Ion 165.00 (164.70 to 165.70): E
 10000
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

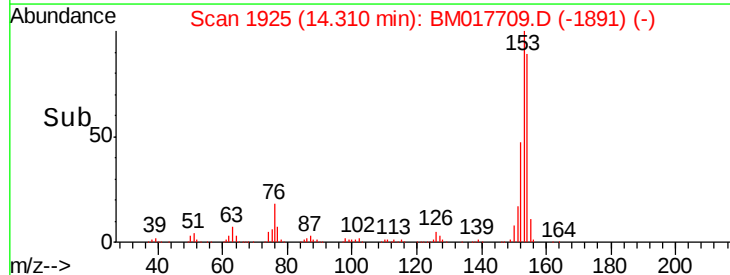
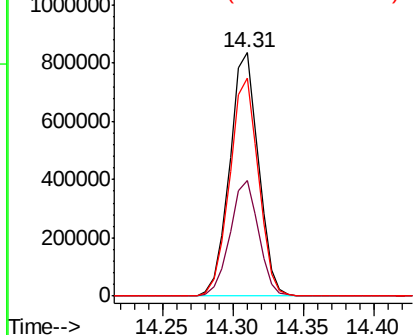


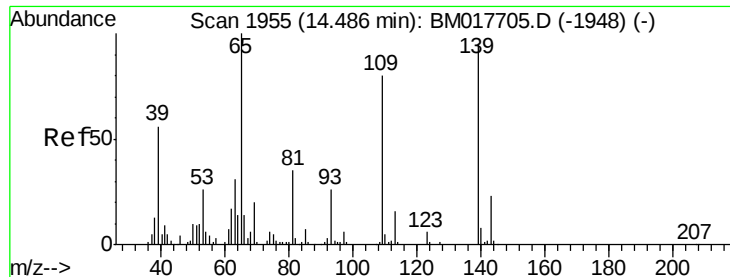
#49
 Acenaphthene
 Concen: 31.471 ng/ul
 RT: 14.31 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM017709.D
 Acq: 20 Nov 2018 18:24

Tgt Ion:153 Resp: 1189389
 Ion Ratio Lower Upper
 153 100
 152 47.3 37.0 55.6
 154 89.3 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E
 1000000
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 5.536 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM017709.D

Acq: 20 Nov 2018 18:24

Instrument :

BNA_M

ClientSampleId :

A40W4MSD

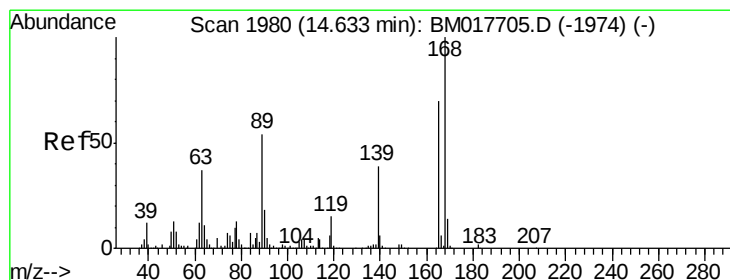
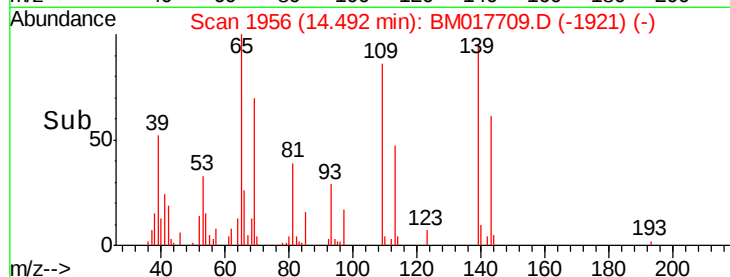
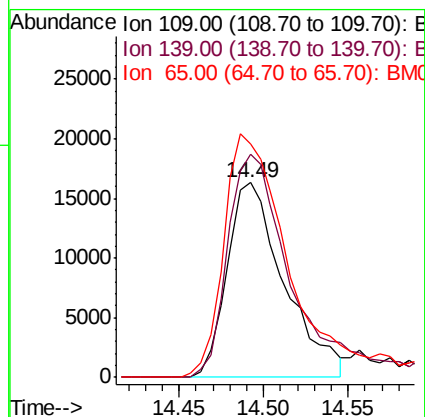
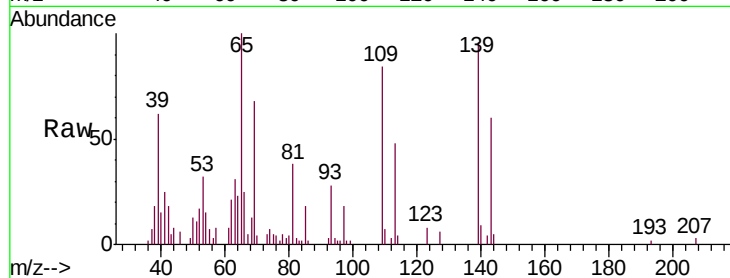
Tgt Ion:109 Resp: 38410

Ion Ratio Lower Upper

109 100

139 114.8 97.4 146.0

65 119.7 104.5 156.7



#54

2,4-Dinitrotoluene

Concen: 31.859 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM017709.D

Acq: 20 Nov 2018 18:24

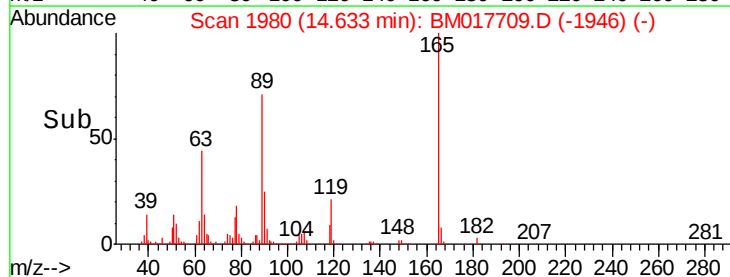
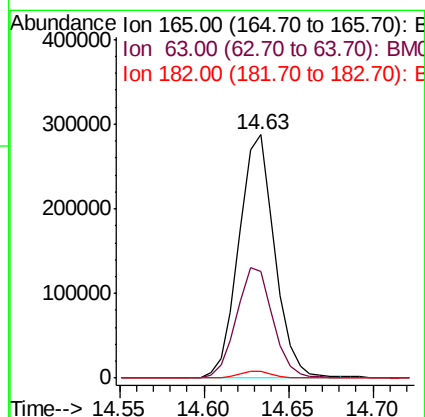
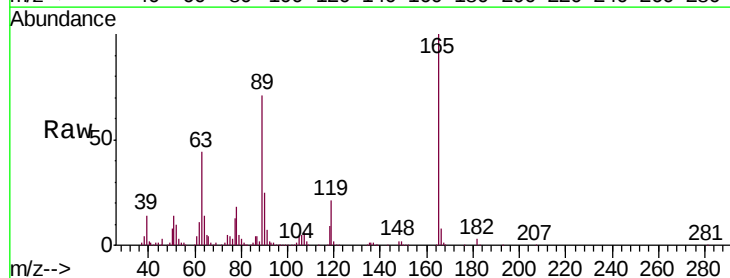
Tgt Ion:165 Resp: 426063

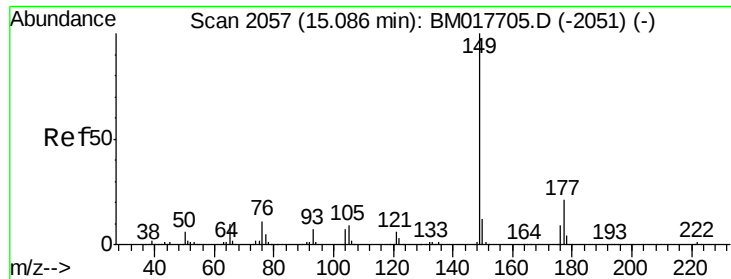
Ion Ratio Lower Upper

165 100

63 43.7 41.8 62.8

182 3.0 2.2 3.2

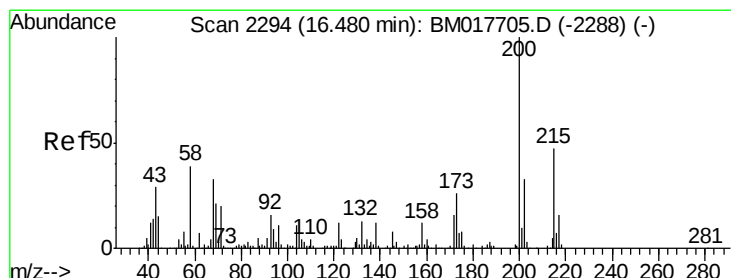
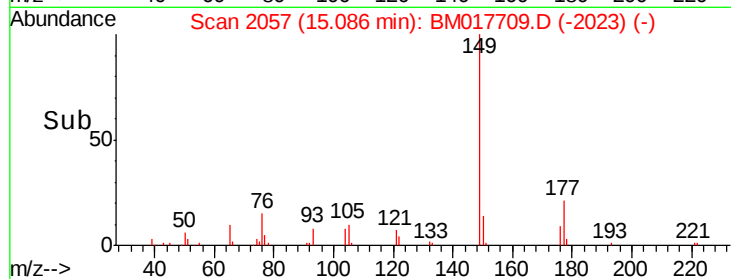
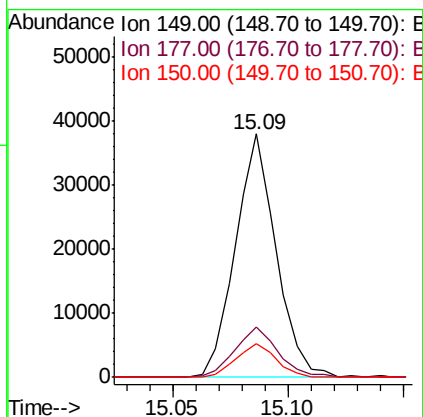
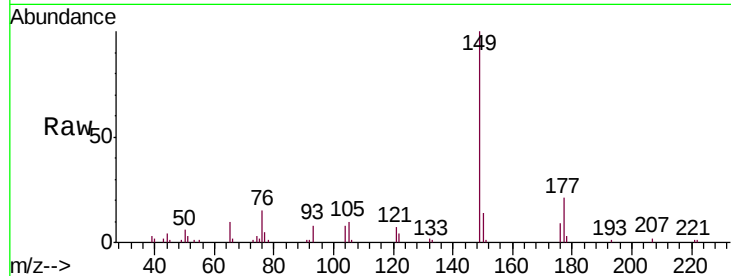




#56
Diethylphthalate
Concen: 1.006 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

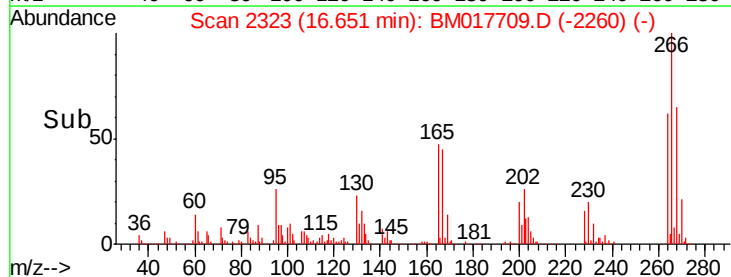
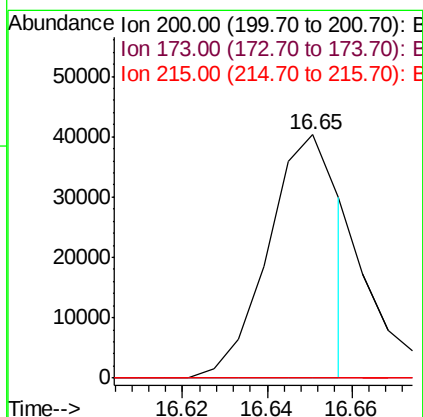
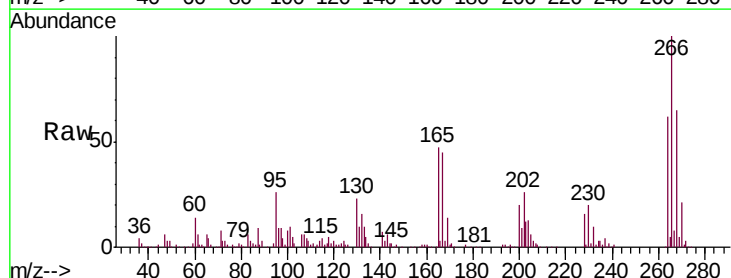
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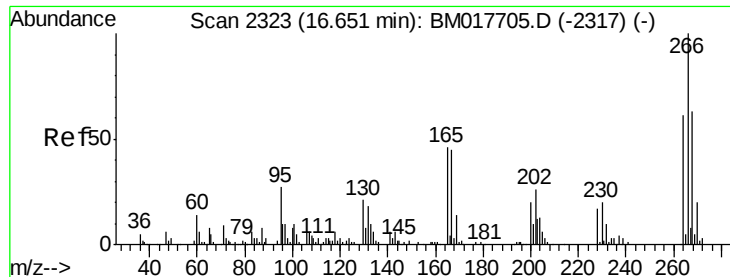
Tgt Ion:149 Resp: 46562
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 13.7 10.0 15.0



#67
Atrazine
Concen: 3.267 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.17 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

Tgt Ion:200 Resp: 46841
Ion Ratio Lower Upper
200 100
173 0.0 21.0 31.6#
215 0.0 38.2 57.2#

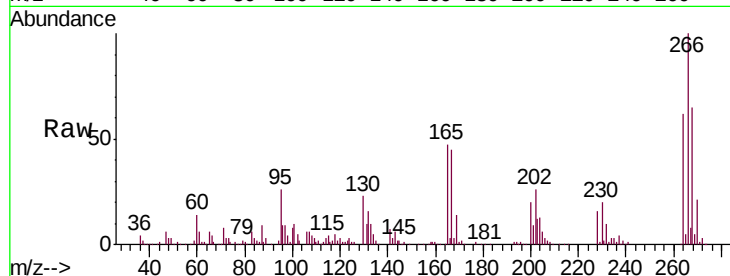




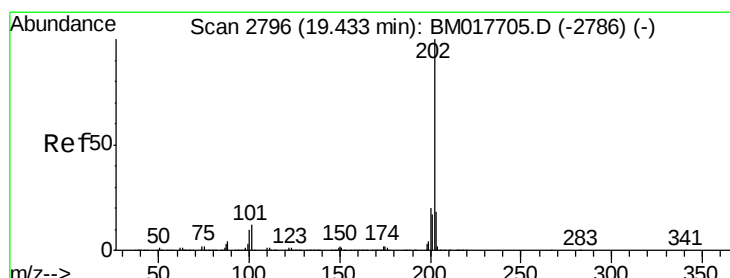
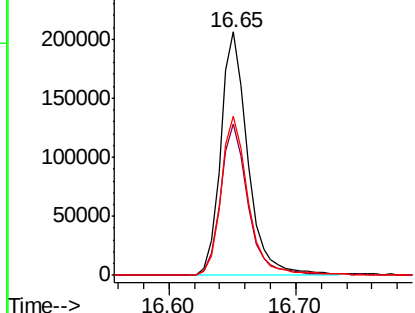
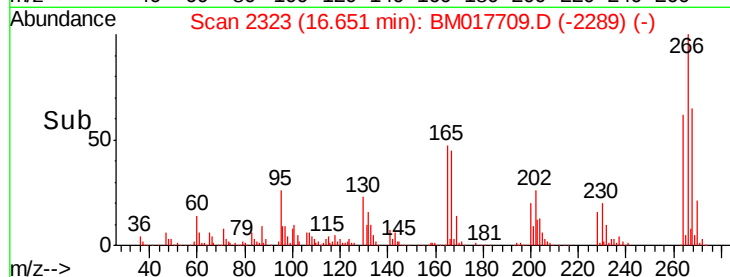
#68
 Pentachlorophenol
 Concen: 30.886 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM017709.D
 Acq: 20 Nov 2018 18:24

Instrument :
 BNA_M
 ClientSampled :
 A40W4MSD

Tgt Ion:266 Resp: 306420
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.2 75.2
 268 65.1 49.8 74.8

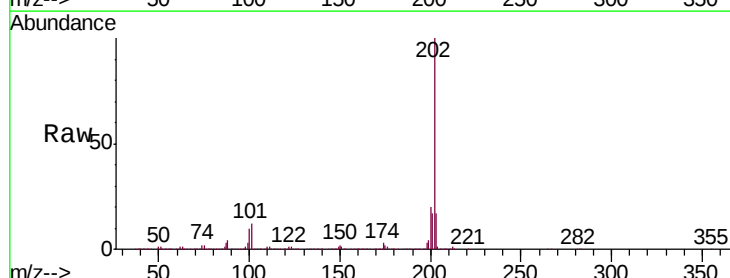


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 34.097 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BM017709.D
 Acq: 20 Nov 2018 18:24

Tgt Ion:202 Resp: 2946619
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.6 14.4
 100 9.6 7.9 11.9



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

