

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 Data File : BM017708.D
 Acq On : 20 Nov 2018 17:47
 Operator : MJ/SJ
 Sample : J6001-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40W4MS

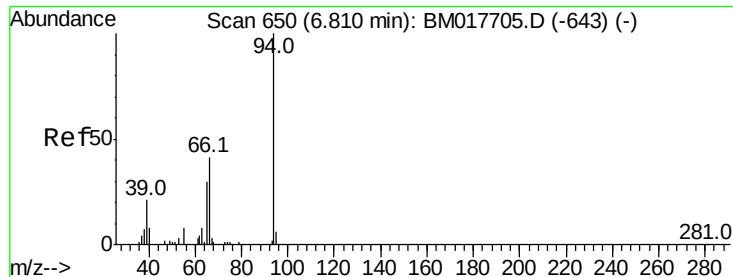
Manual Integrations
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 11/21/2018 12:00:03 PM

Quant Time: Nov 21 01:20:04 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	186857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	852090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	516649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1199081	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1379049	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1391948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	6527	1.60	ng/uL	0.00
5) Phenol-d5	6.78	99	115517	6.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	333988	32.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	354411	26.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	225386	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	227105	34.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	250655	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	417345	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	10531	0.86	ng/ul	0.04
43) Dimethylphthalate-d6	13.66	166	1554465	34.68	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1859188	34.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	47524m	5.83	ng/ul	0.01
57) Fluorene-d10	15.24	176	1354358	34.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	246389	28.74	ng/ul	0.00
70) Anthracene-d10	17.10	188	2110842	35.36	ng/ul	0.00
78) Pyrene-d10	19.40	212	2386717	35.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	2679299	35.49	ng/ul	0.00
Target Compounds						
6) Phenol	6.81	94	121068	7.107	ng/ul	98
10) 2-Chlorophenol	7.17	128	332795	24.945	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	365435	32.238	ng/ul	98
33) 4-Chloro-3-methylphenol	11.67	107	394455	25.766	ng/ul	99
49) Acenaphthene	14.31	153	1169017	32.013	ng/ul	99
52) 4-Nitrophenol	14.49	109	38883	5.800	ng/ul	90
54) 2,4-Dinitrotoluene	14.63	165	410428	31.763	ng/ul	92
56) Diethylphthalate	15.09	149	48042	1.074	ng/ul	96
68) Pentachlorophenol	16.65	266	297203	31.366	ng/ul	97
79) Pyrene	19.43	202	2825423	33.751	ng/ul	100

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



#6

Phenol

Concen: 7.107 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.00 min

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Instrument :

BNA_M

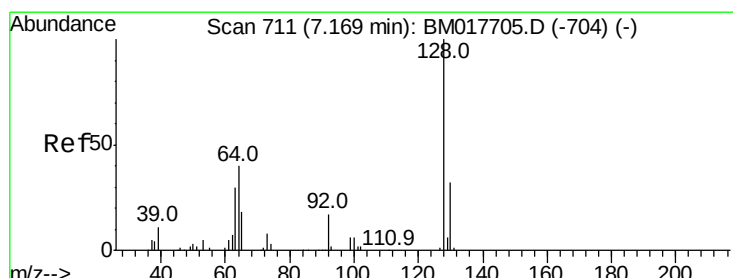
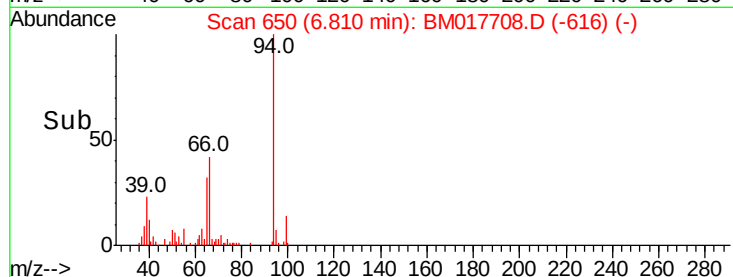
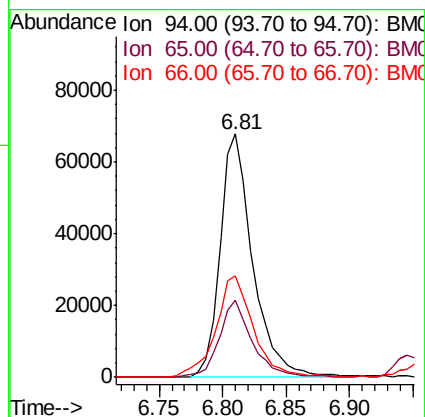
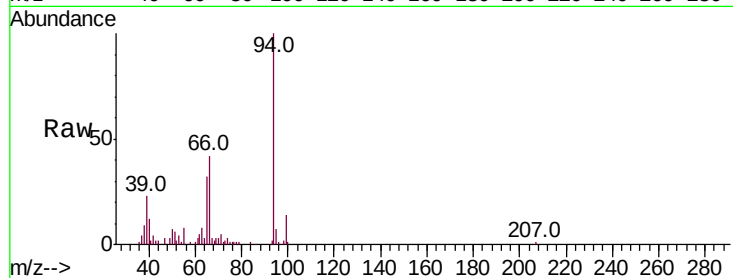
ClientSampleId :

A40W4MS

Tot Ion:	94	Resp:	121068
Ion	Ratio	Lower	Upper
94	100		
65	31.5	24.7	37.1
66	41.8	34.6	51.8

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#10

2-Chlorophenol

Concen: 24.945 ng/ul

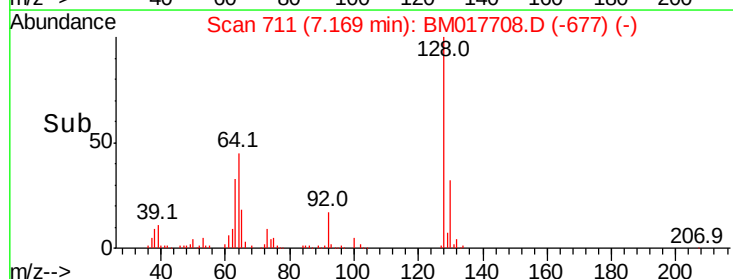
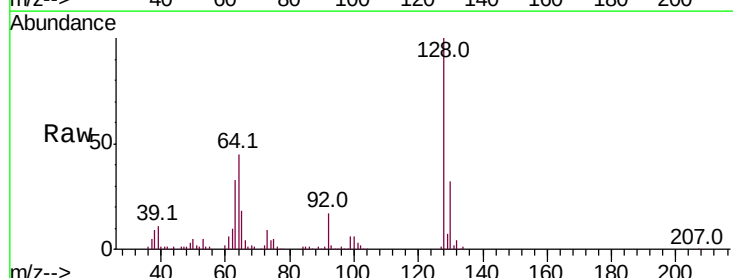
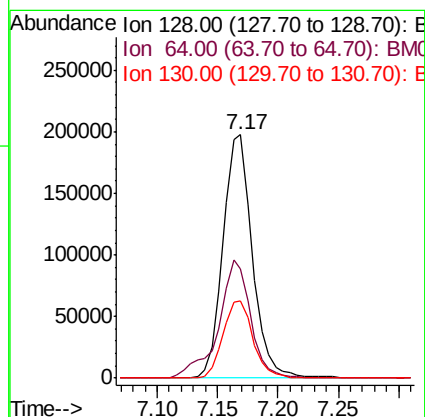
RT: 7.17 min Scan# 711

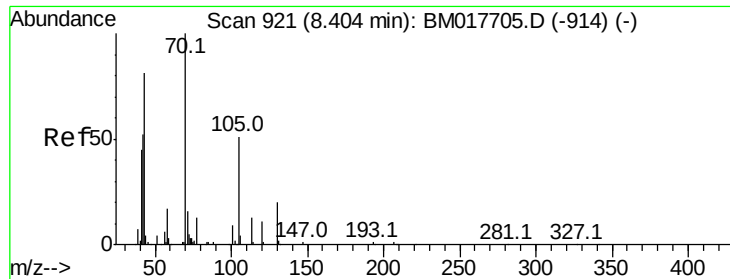
Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

Tgt Ion:	128	Resp:	332795
Ion	Ratio	Lower	Upper
128	100		
64	44.9	36.8	55.2
130	31.8	25.0	37.4





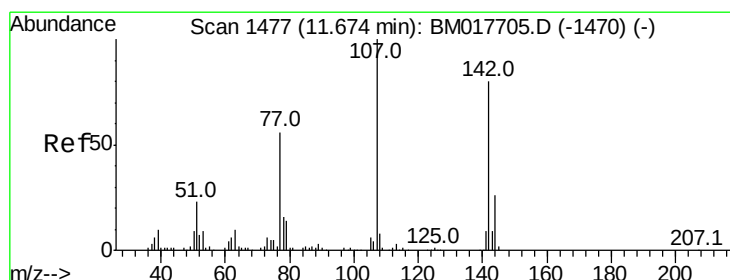
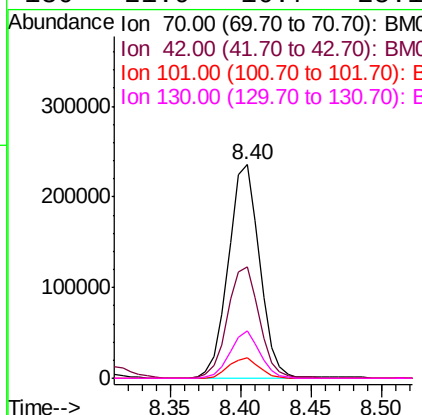
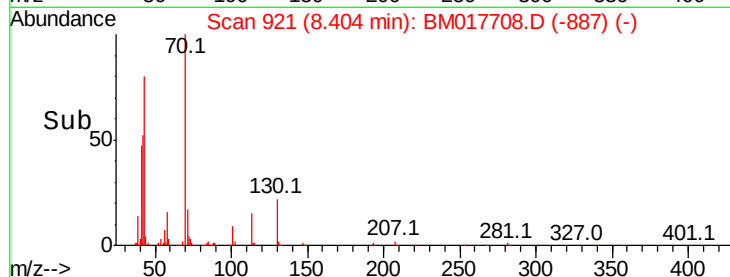
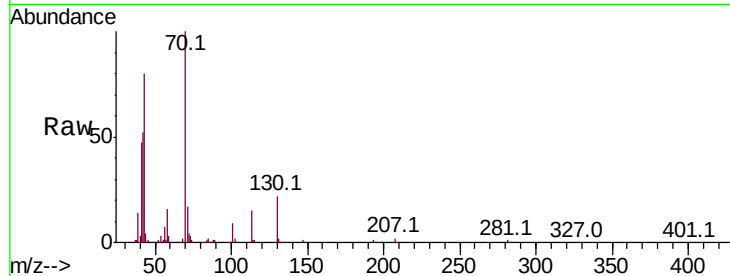
#15
N-Nitroso-di-n-propylamine
Concen: 32.238 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Instrument :
BNA_M
ClientSampleId :
A40W4MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.7	64.1
101	9.4	7.6	11.4
130	21.9	16.7	25.1

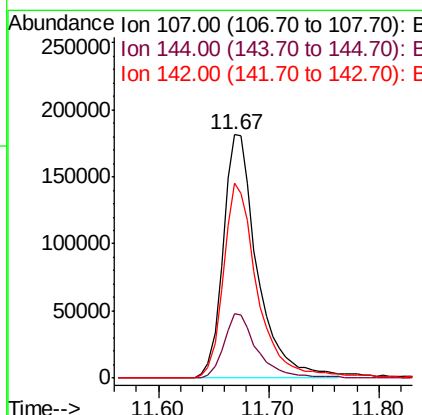
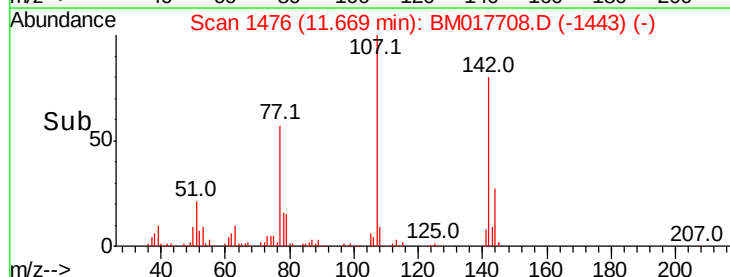
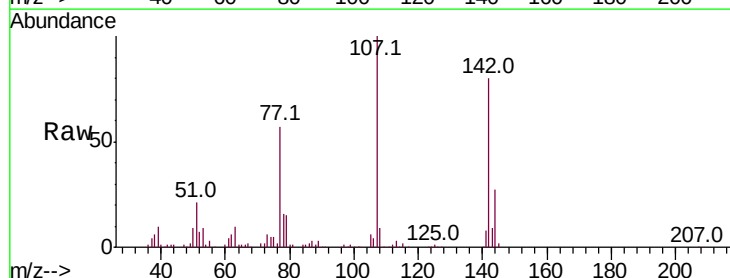
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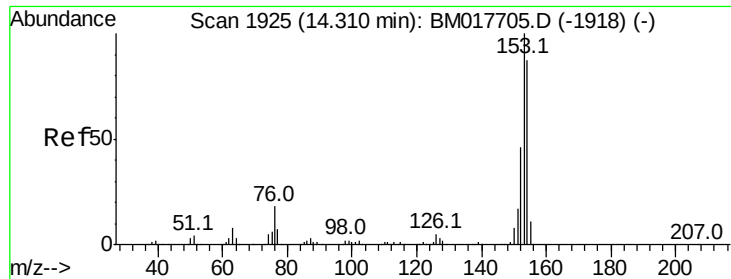
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#33
4-Chloro-3-methylphenol
Concen: 25.766 ng/ul
RT: 11.67 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.1	31.7
142	80.1	63.0	94.6





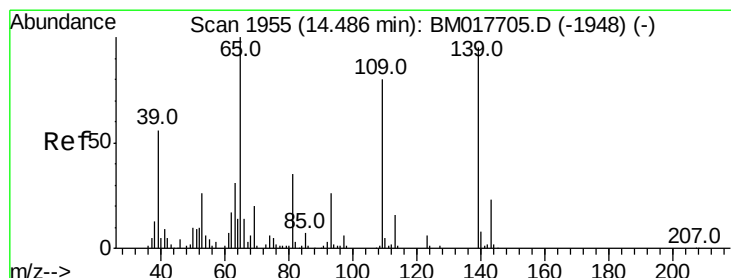
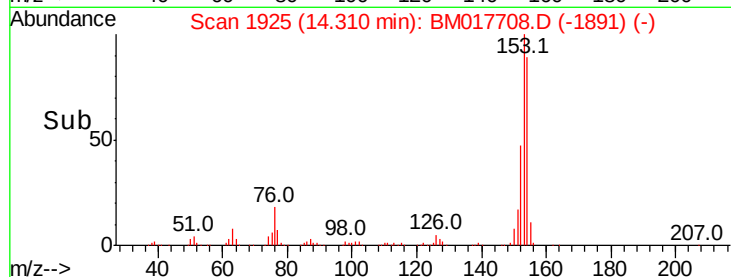
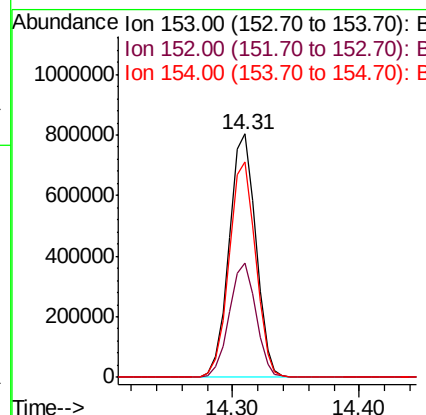
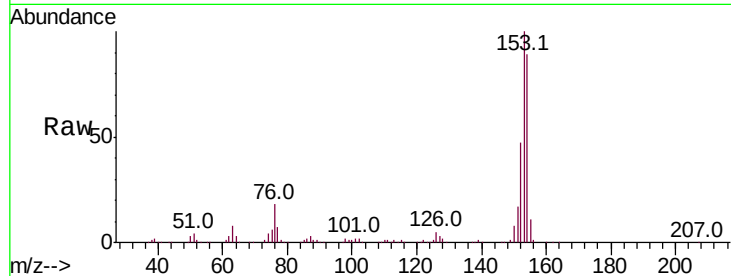
#49
Acenaphthene
Concen: 32.013 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Instrument :
BNA_M
ClientSampleId :
A40W4MS

Tot Ion:153 Resp: 1169017
Ion Ratio Lower Upper
153 100
152 47.1 37.0 55.6
154 88.6 70.6 106.0

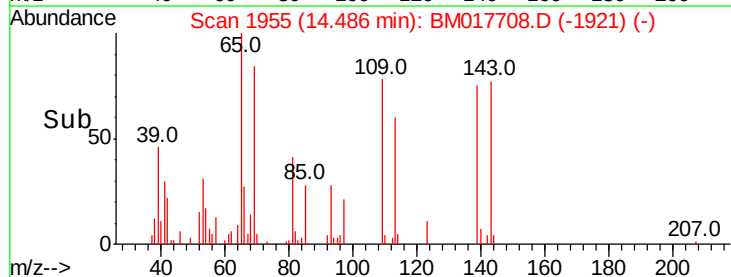
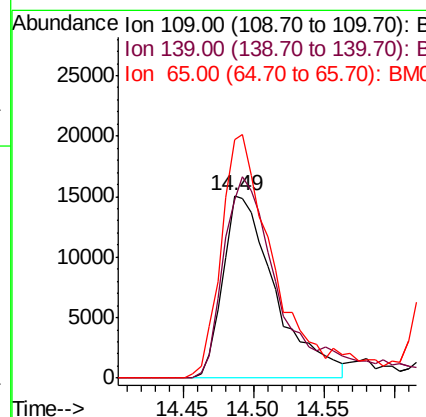
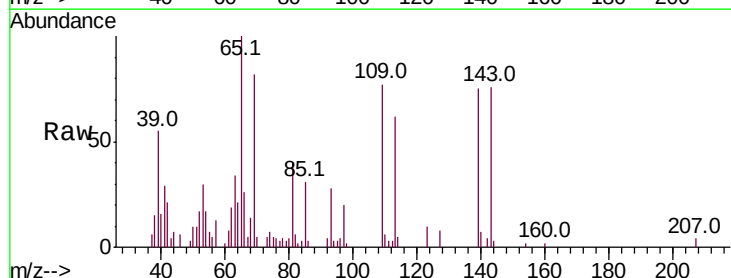
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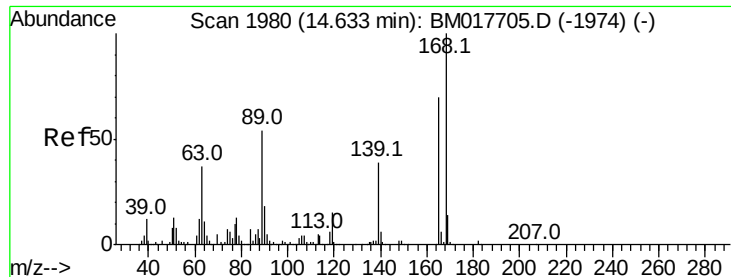
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#52
4-Nitrophenol
Concen: 5.800 ng/ul
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Tgt Ion:109 Resp: 38883
Ion Ratio Lower Upper
109 100
139 97.4 97.4 146.0
65 130.5 104.5 156.7





#54

2,4-Dinitrotoluene

Concen: 31.763 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

Instrument :

BNA_M

ClientSampleId :

A40W4MS

Tot Ion:165 Resp: 410428

Ion Ratio Lower Upper

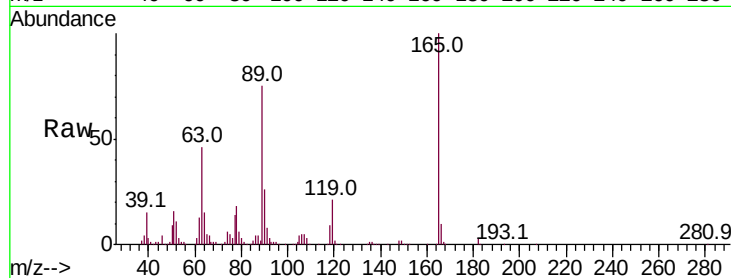
165 100

63 46.2 41.8 62.8

182 3.0 2.2 3.2

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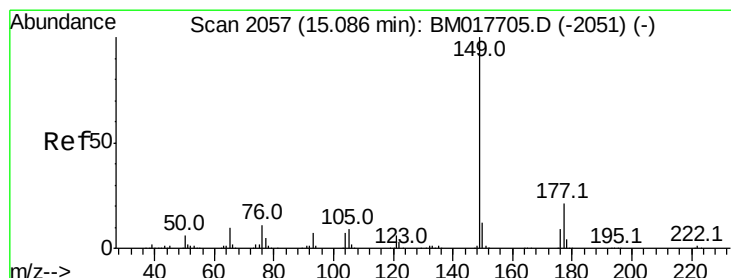
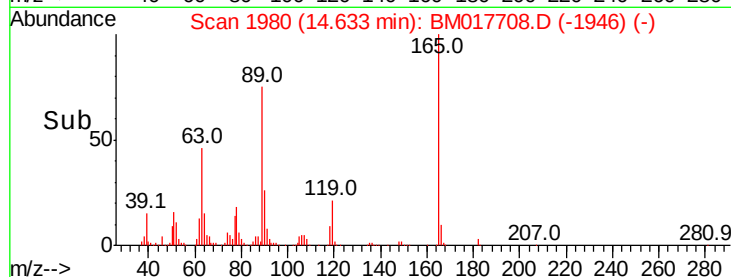
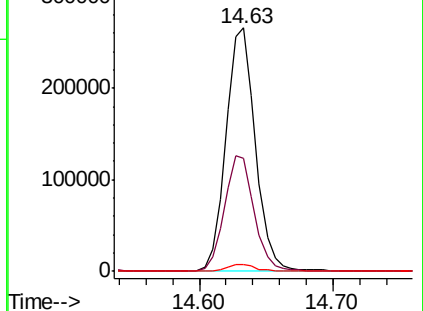
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#56

Diethylphthalate

Concen: 1.074 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

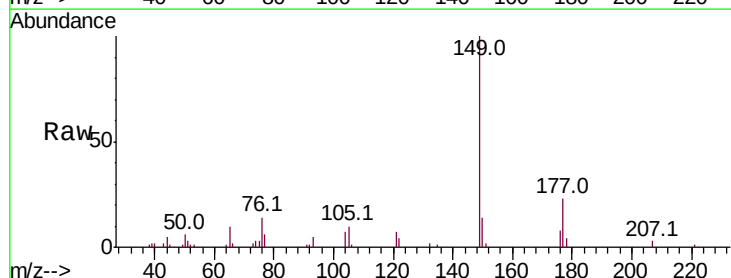
Tgt Ion:149 Resp: 48042

Ion Ratio Lower Upper

149 100

177 23.2 17.0 25.6

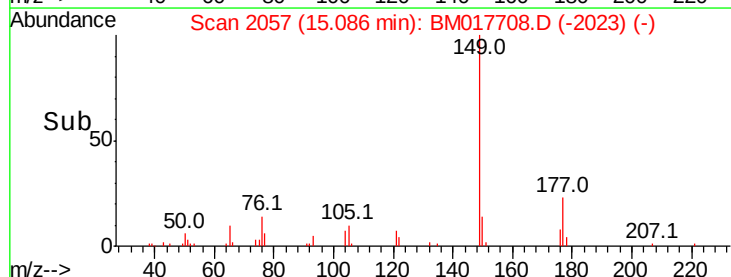
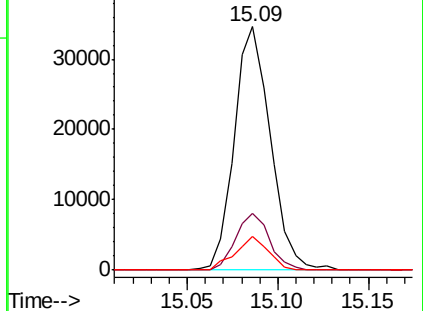
150 13.9 10.0 15.0

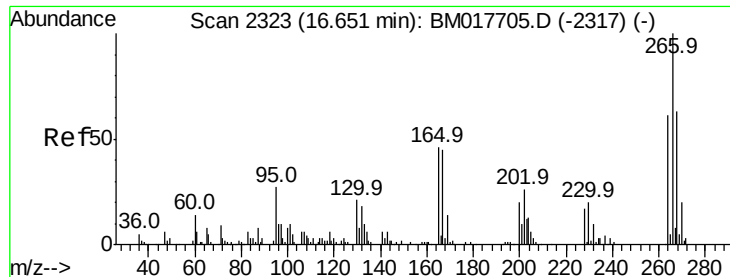


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





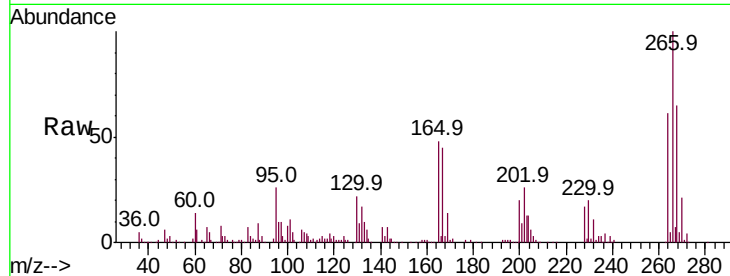
#68
 Pentachlorophenol
 Concen: 31.366 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM017708.D
 Acq: 20 Nov 2018 17:47

Instrument :
 BNA_M
 ClientSampled :
 A40W4MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	297203		
264	60.7	50.2	75.2	
268	65.2	49.8	74.8	

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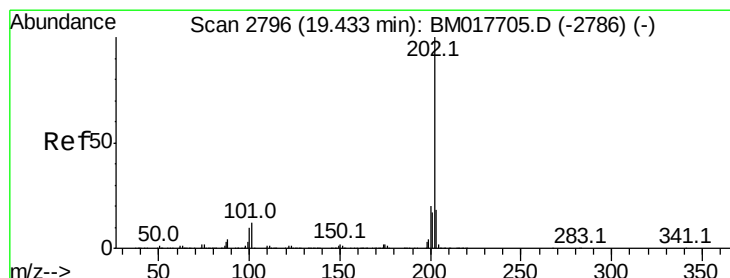
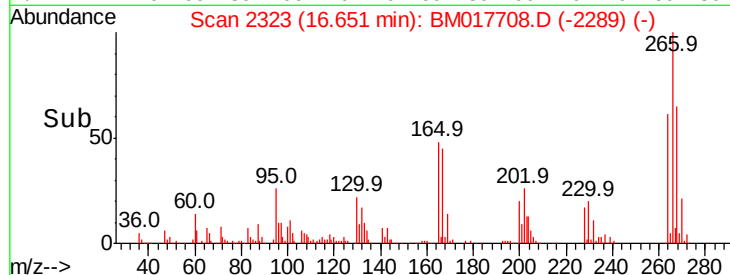
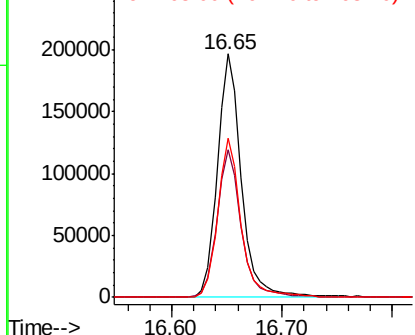


Abundance

Ion 265.70 (265.40 to 266.40): E

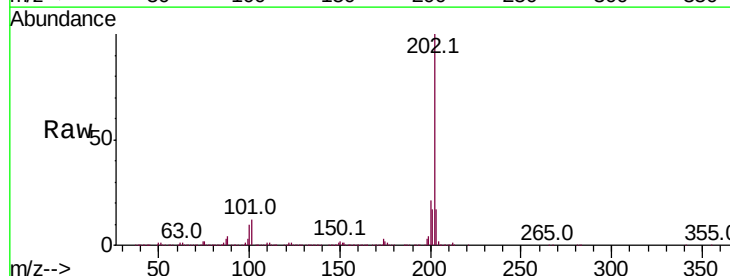
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 33.751 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BM017708.D
 Acq: 20 Nov 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2825423		
101	12.1	9.6	14.4	
100	10.0	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): E

