

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 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

Manual Integrations
 APPROVED

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 11/21/2018 12:00:06 PM

Quant Time: Nov 21 01:21:52 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	9687m	0.77	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	49478m	5.87	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

					Ovalue	
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
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
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

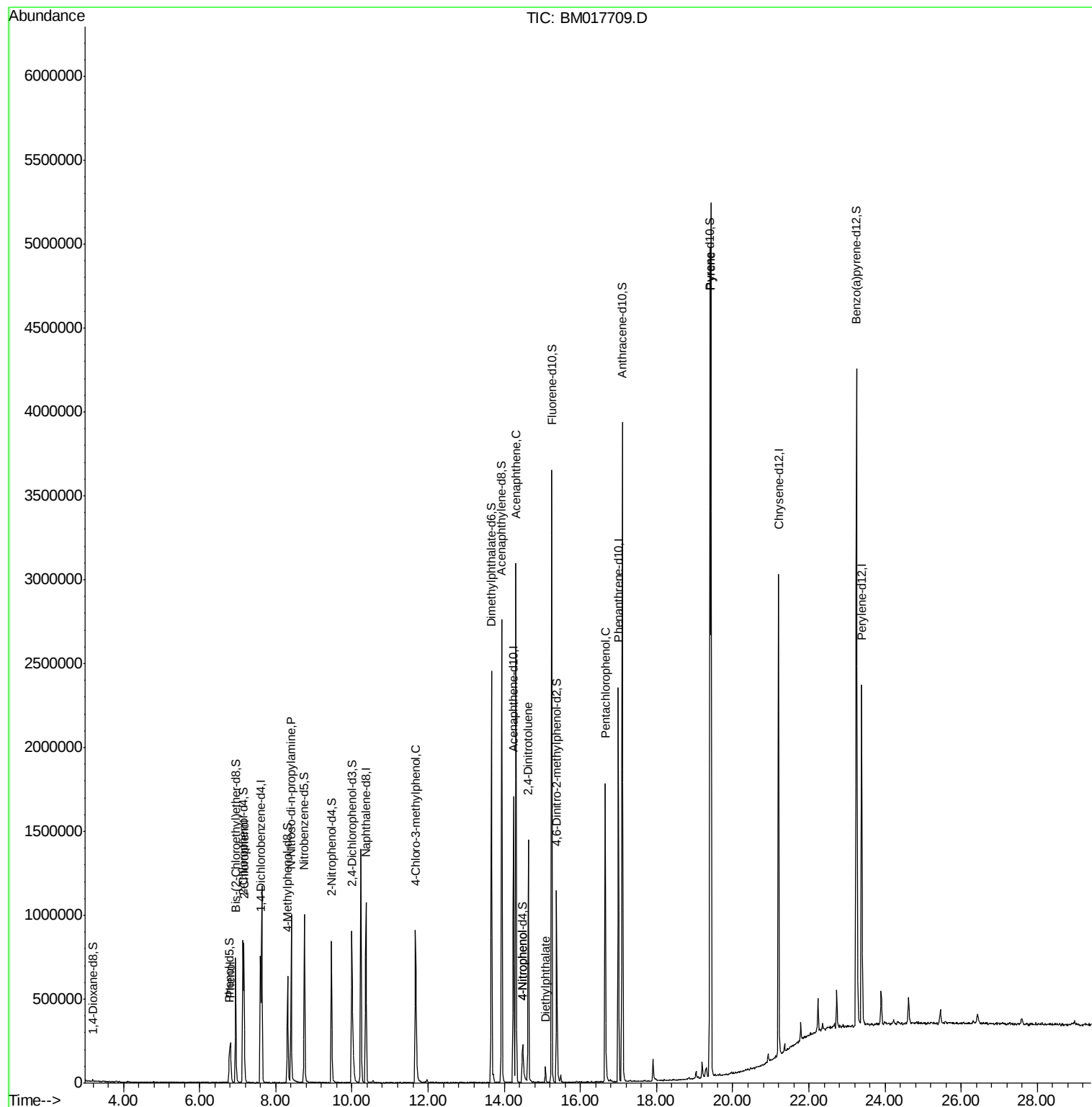
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
Data File : BM017709.D
Acq On : 20 Nov 2018 18:24
Operator : MJ/SJ
Sample : J6001-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

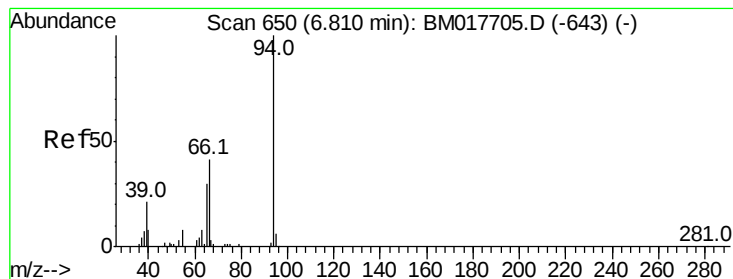
Instrument :
BNA_M
ClientSampleId :
A40W4MSD

Quant Time: Nov 21 01:21:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 01:07:57 2018
Response via : Initial Calibration

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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

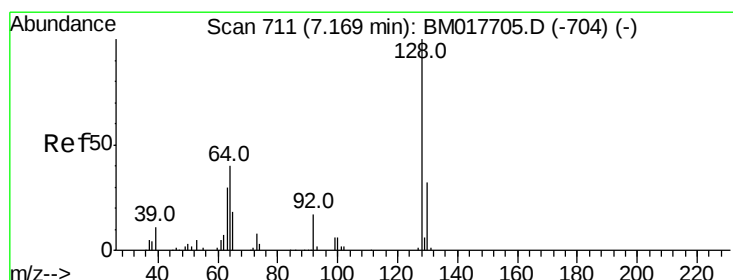
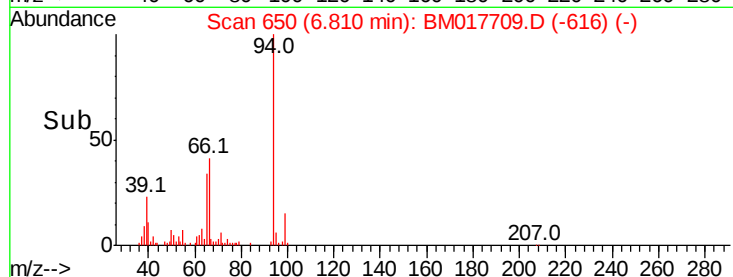
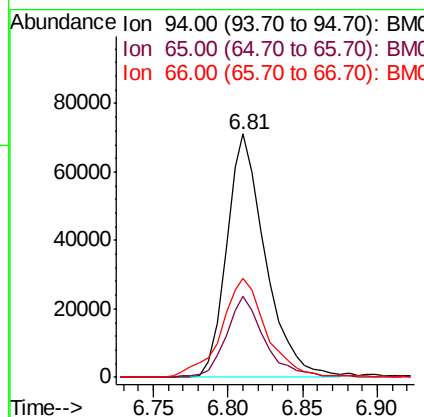
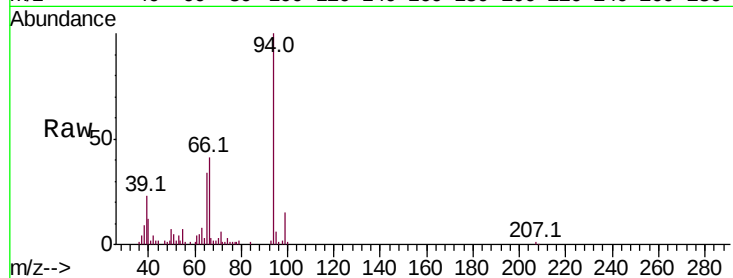
ClientSampleId :

A40W4MSD

Tot Ion:	94	Resp:	128746
Ion Ratio	Lower	Upper	
94	100		
65	33.5	24.7	37.1
66	40.5	34.6	51.8

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#10

2-Chlorophenol

Concen: 24.429 ng/ul

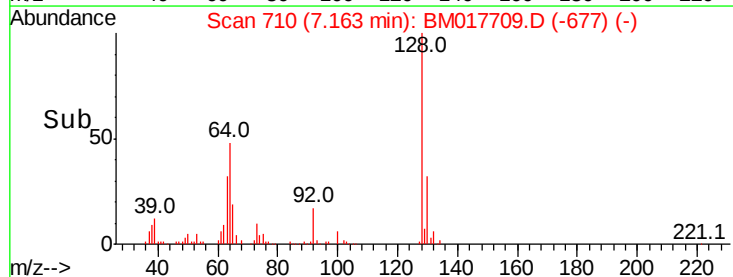
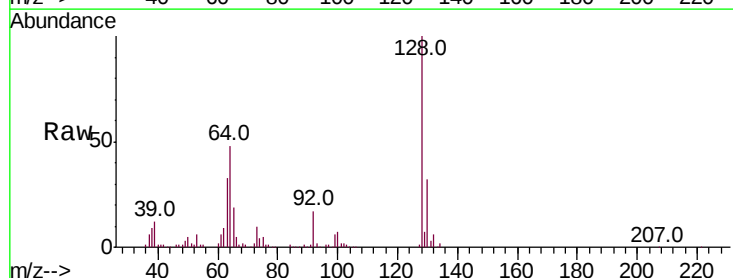
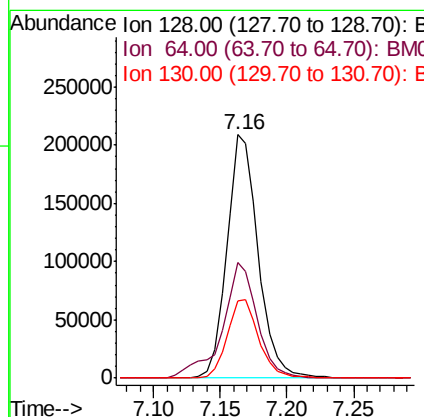
RT: 7.16 min Scan# 710

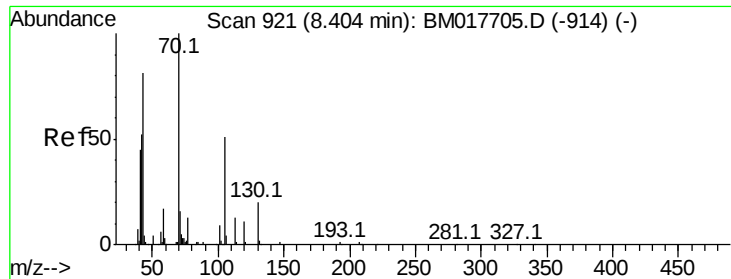
Delta R.T. -0.01 min

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





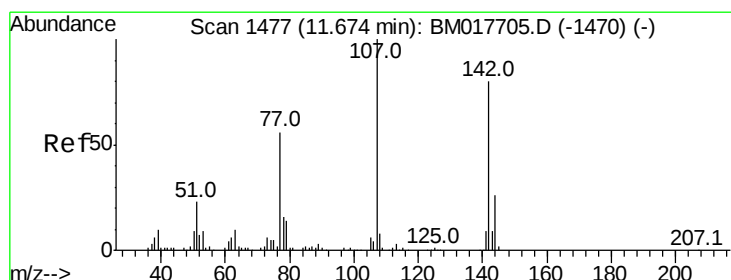
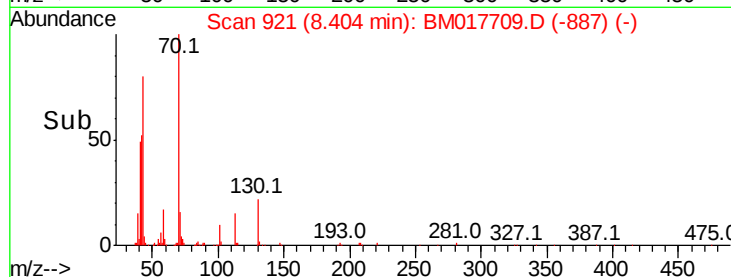
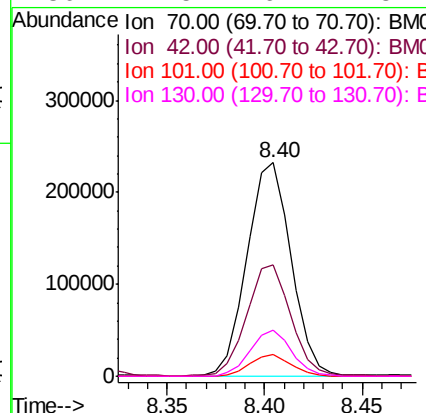
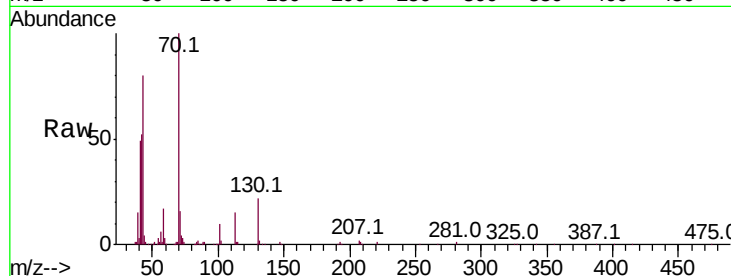
#15
N-Nitroso-di-n-propylamine
Concen: 30.589 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

Instrument :
BNA_M
ClientSampleId :
A40W4MSD

Tot Ion	Ion	Ratio	Resp	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		

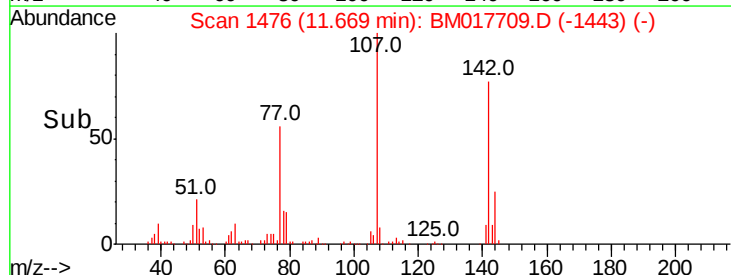
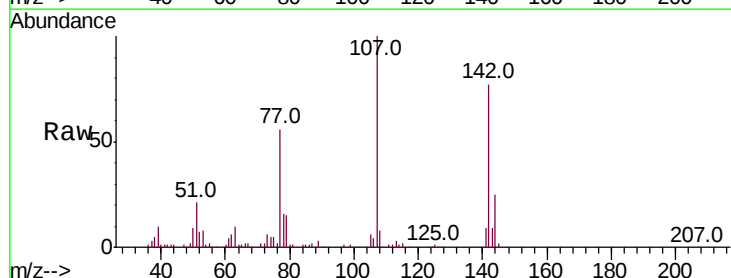
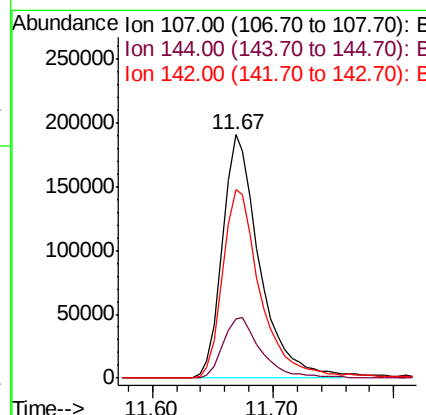
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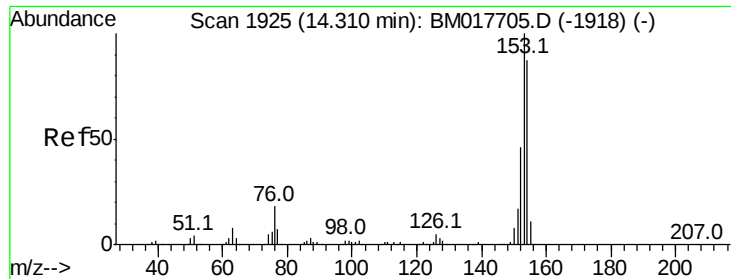
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#33
4-Chloro-3-methylphenol
Concen: 25.980 ng/ul
RT: 11.67 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

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





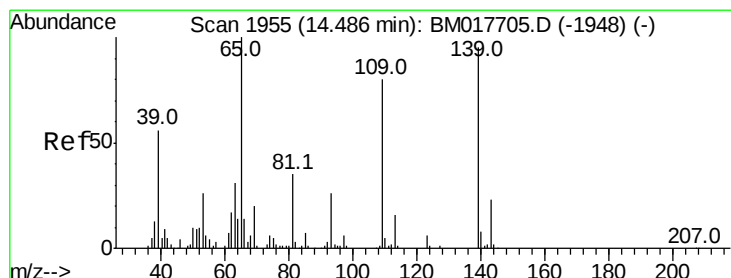
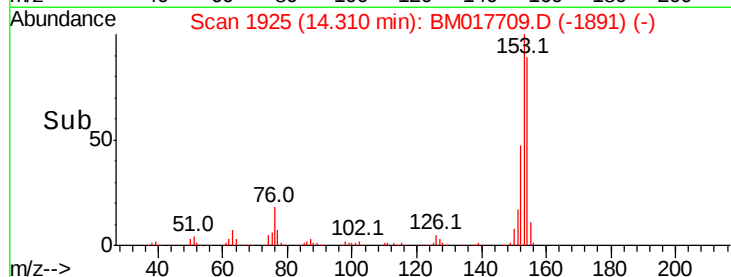
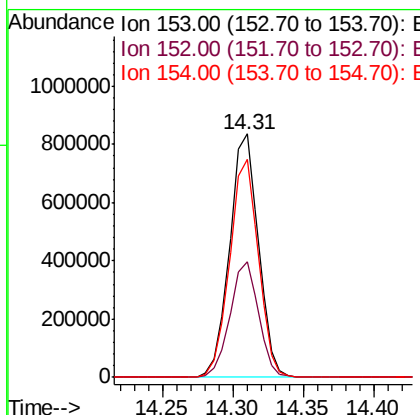
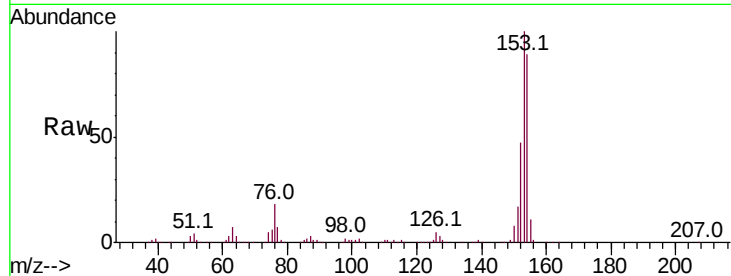
#49
Acenaphthene
Concen: 31.471 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

Instrument :
BNA_M
ClientSampleId :
A40W4MSD

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

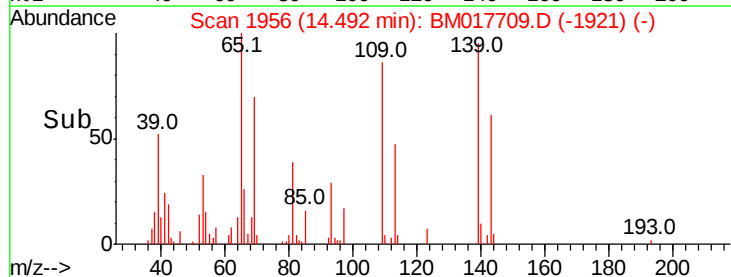
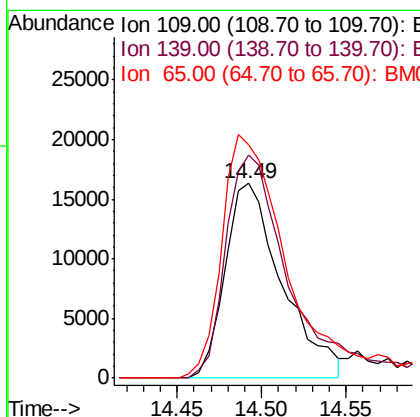
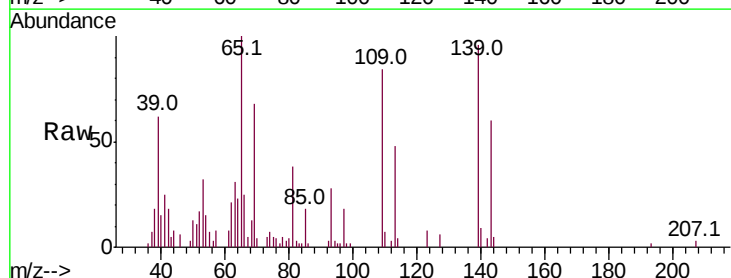
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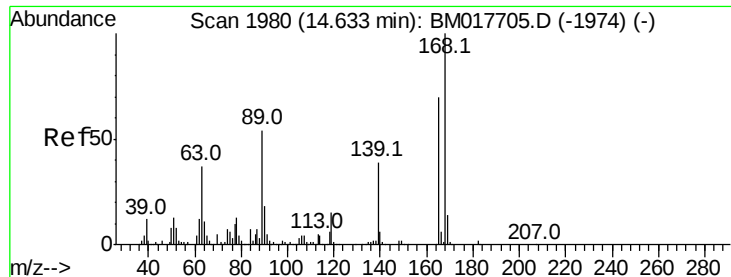
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#52
4-Nitrophenol
Concen: 5.536 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

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





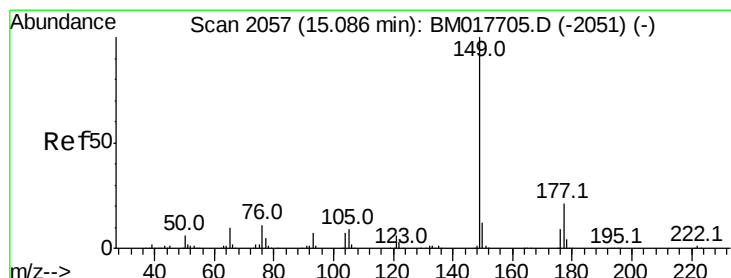
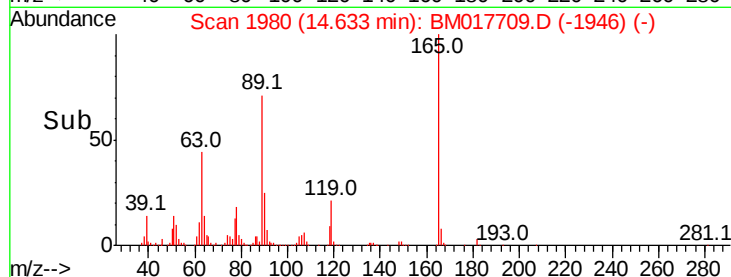
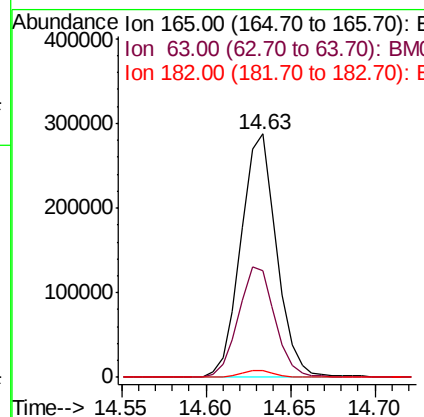
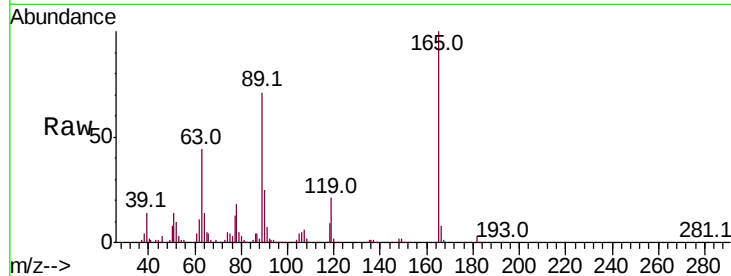
#54
2,4-Dinitrotoluene
Concen: 31.859 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

Instrument :
BNA_M
ClientSampleId :
A40W4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.7	41.8	62.8	
182	3.0	2.2	3.2	

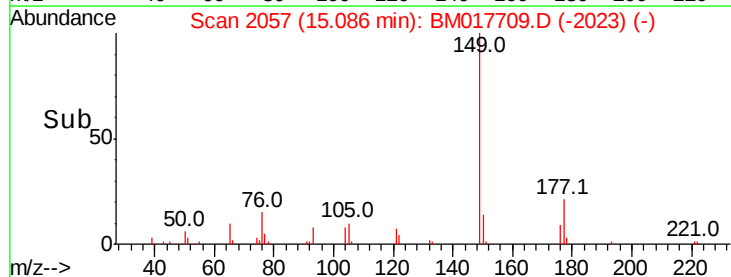
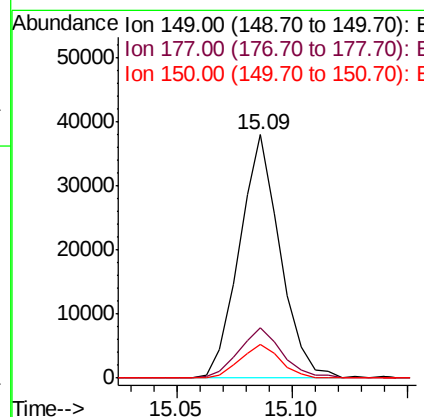
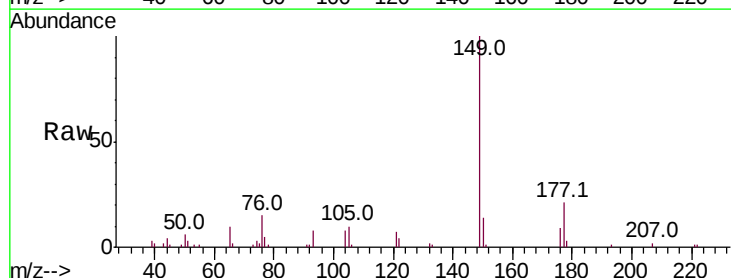
Manual Integrations
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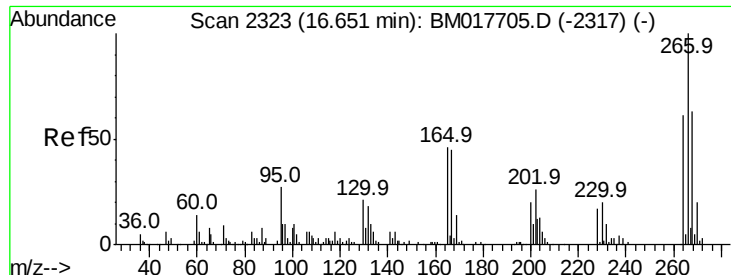
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#56
Diethylphthalate
Concen: 1.006 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM017709.D
Acq: 20 Nov 2018 18:24

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





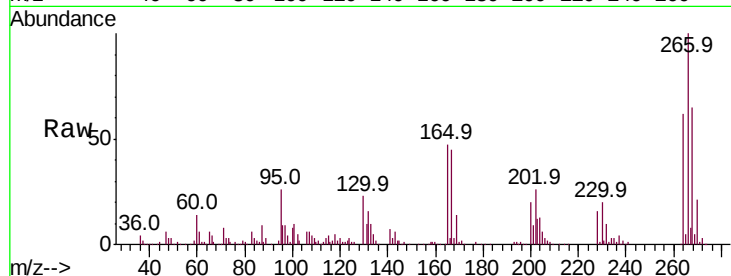
#68
 Pentachlorophenol
 Concen: 30.886 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM017709.D
 Acq: 20 Nov 2018 18:24

Instrument :
 BNA_M
 ClientSampled :
 A40W4MSD

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

Manual Integrations
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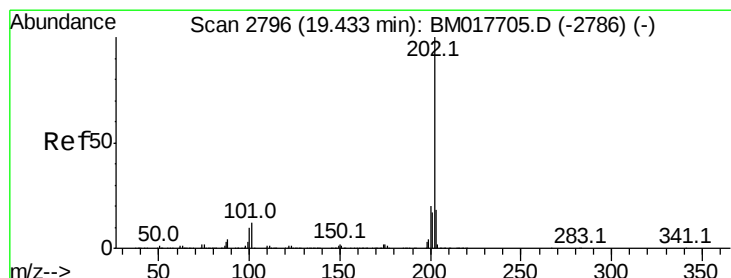
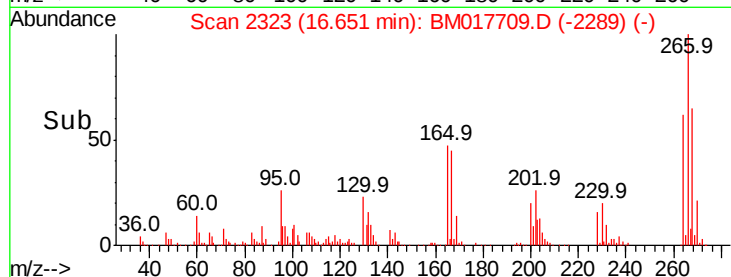
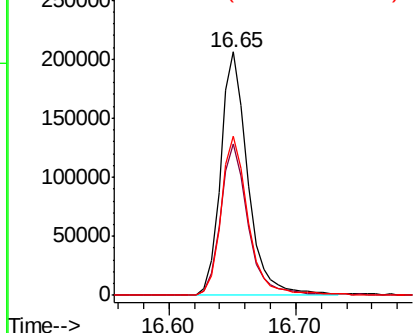


Abundance

Ion 265.70 (265.40 to 266.40): E

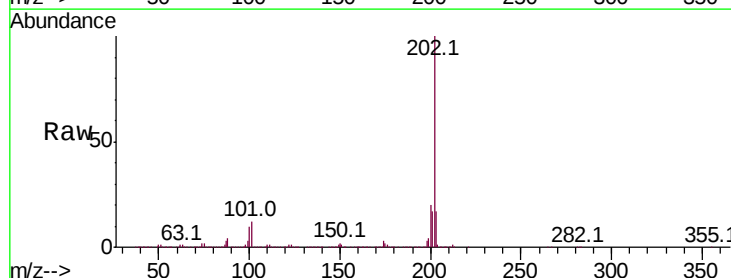
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 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	Ratio	Resp	Lower	Upper
202	100	2946619		
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): E

