

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 Data File : BM017718.D
 Acq On : 20 Nov 2018 23:52
 Operator : MJ/SJ
 Sample : J5990-07MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETO69MS

Manual Integrations
 APPROVED

Sohil
 11/21/2018 12:00:27 PM

Quant Time: Nov 21 16:29:51 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	178099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	807000	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	492479	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1155778	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1332682	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1336776	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	18131	4.66	ng/uL	0.00
5) Phenol-d5	6.78	99	107859	6.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	295837	30.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	317233	24.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	181825	13.68	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	194983	31.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	219490	30.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	365291	27.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	7902	0.68	ng/ul	0.03
43) Dimethylphthalate-d6	13.66	166	1359918	31.82	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1594095	30.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	48628m	6.26	ng/ul	0.01
57) Fluorene-d10	15.25	176	1208113	32.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	213200	25.80	ng/ul	0.00
70) Anthracene-d10	17.10	188	1889706	32.84	ng/ul	0.00
78) Pyrene-d10	19.40	212	2163003	33.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	2384463	32.89	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.81	94	112798	6.947	ng/ul 97
10) 2-Chlorophenol	7.16	128	319328	25.113	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.40	70	349321	32.331	ng/ul 98
33) 4-Chloro-3-methylphenol	11.67	107	373736	25.777	ng/ul 98
49) Acenaphthene	14.31	153	1119172	32.152	ng/ul 99
52) 4-Nitrophenol	14.49	109	40410	6.324	ng/ul 92
54) 2,4-Dinitrotoluene	14.63	165	388492	31.541	ng/ul 91
68) Pentachlorophenol	16.65	266	281202	30.790	ng/ul 98
79) Pvrene	19.43	202	2745507	33.937	ng/ul 99

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

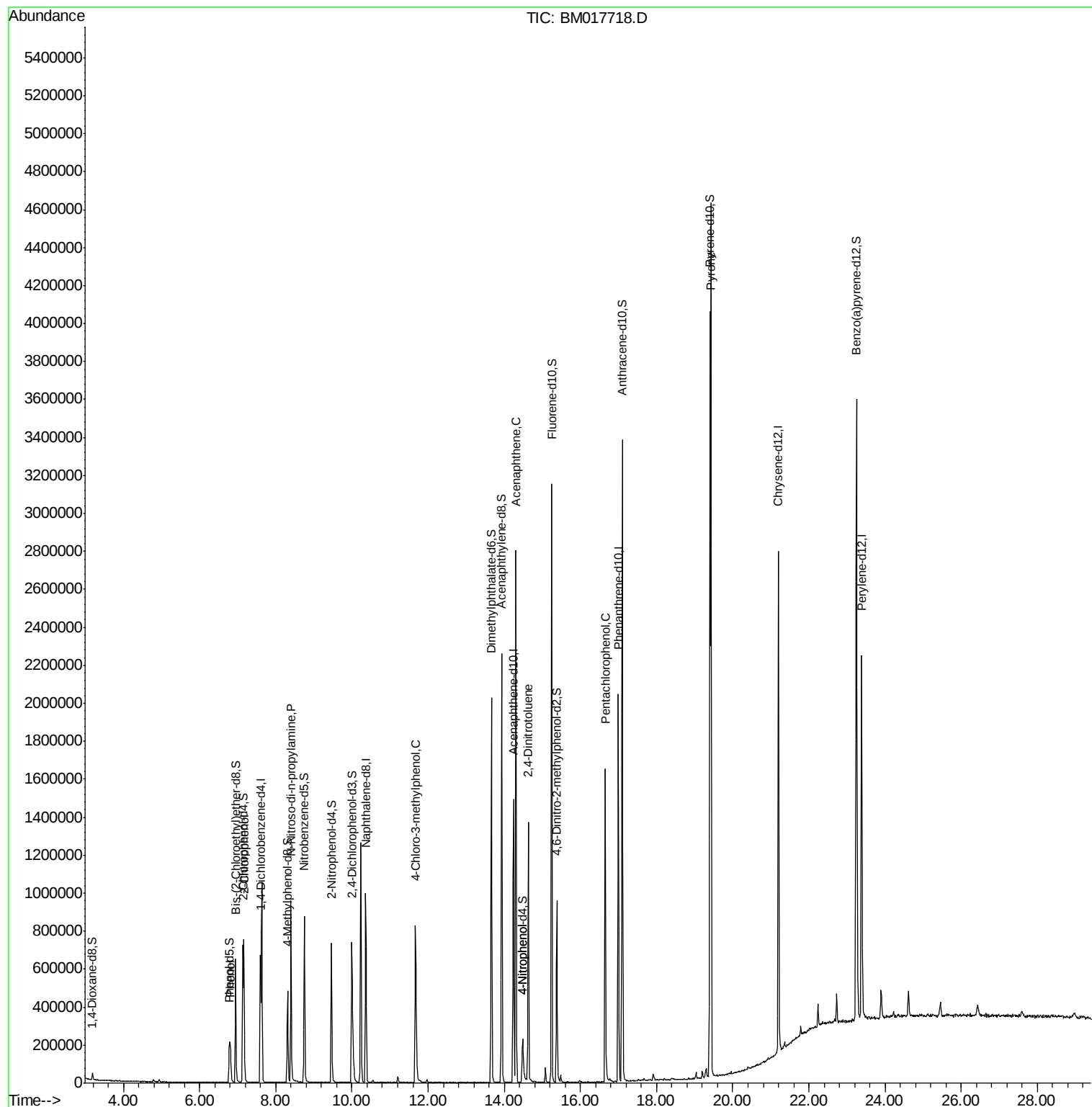
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
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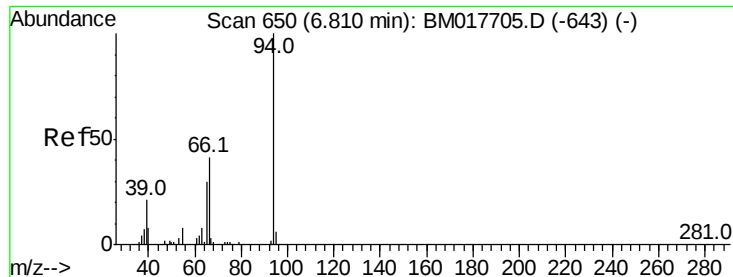
Instrument :
BNA_M
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QLast Update : Wed Nov 21 01:07:57 2018
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#6

Phenol

Concen: 6.947 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM017718.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA_M

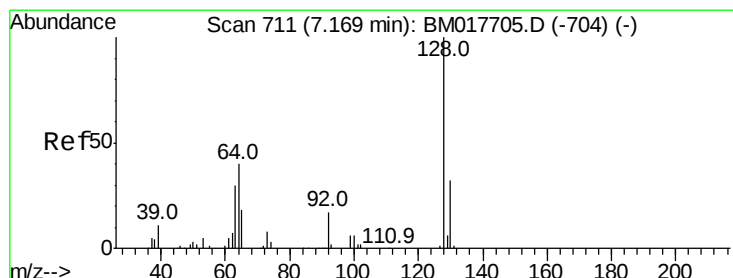
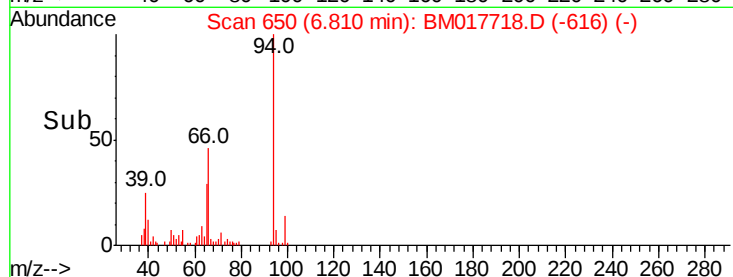
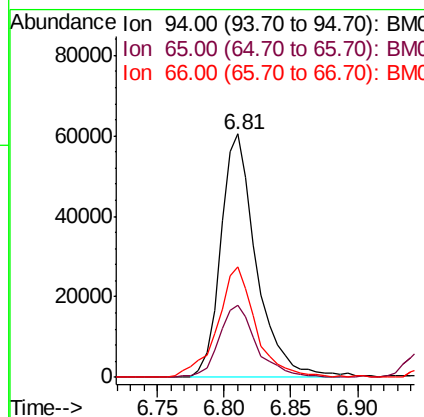
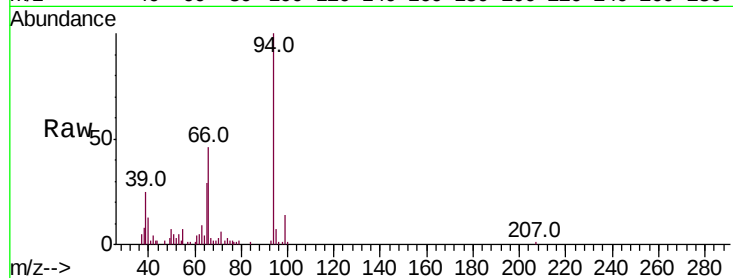
ClientSampleId :

ETO69MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.4	24.7	37.1
66	45.6	34.6	51.8

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#10

2-Chlorophenol

Concen: 25.113 ng/ul

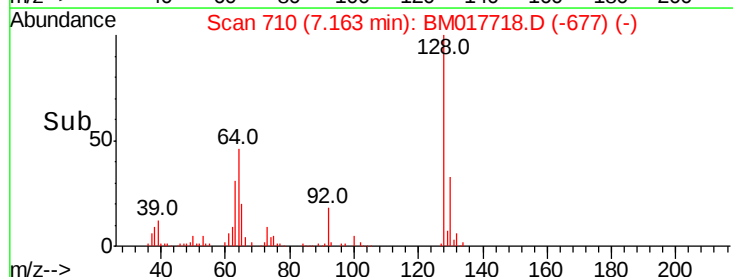
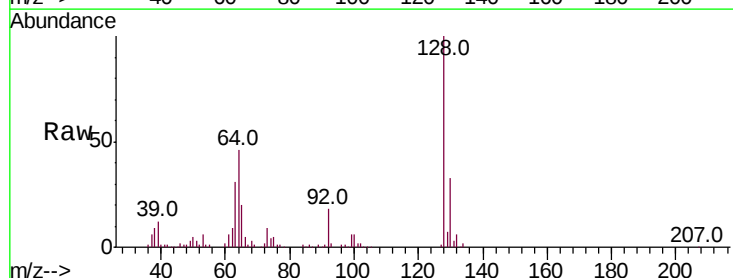
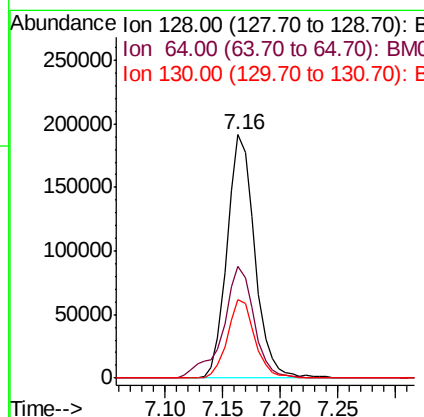
RT: 7.16 min Scan# 710

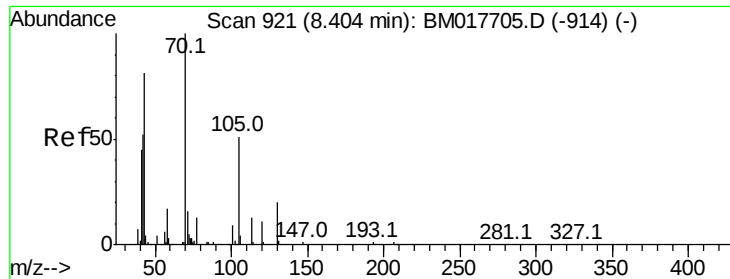
Delta R.T. -0.01 min

Lab File: BM017718.D

Acq: 20 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.8	36.8	55.2
130	32.5	25.0	37.4





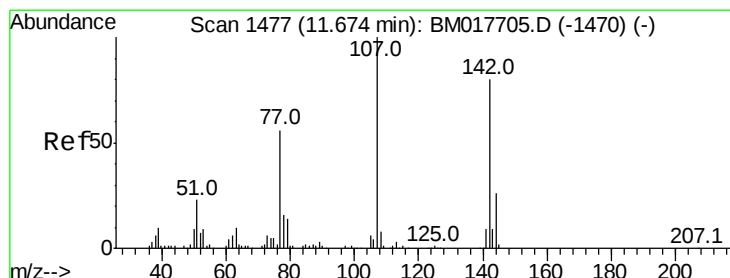
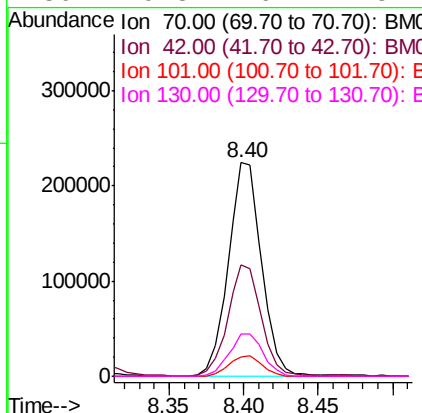
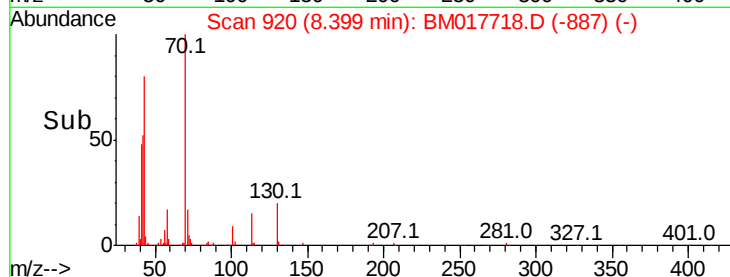
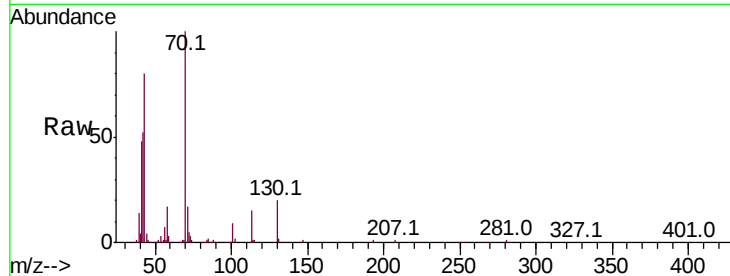
#15
N-Nitroso-di-n-propylamine
Concen: 32.331 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM017718.D
Acq: 20 Nov 2018 23:52

Instrument :
BNA_M
ClientSampleId :
ETO69MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.1	42.7	64.1		
101	9.2	7.6	11.4		
130	19.8	16.7	25.1		

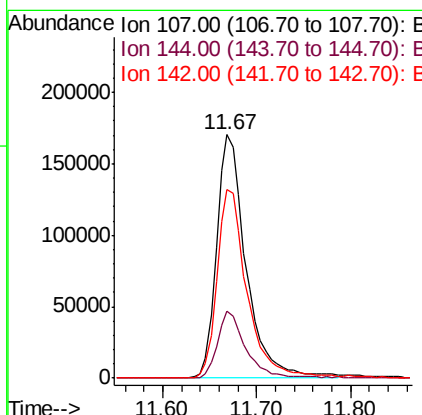
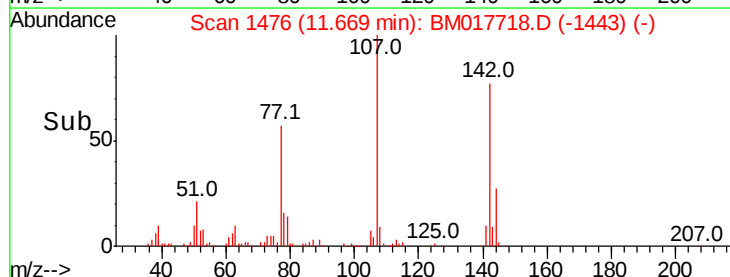
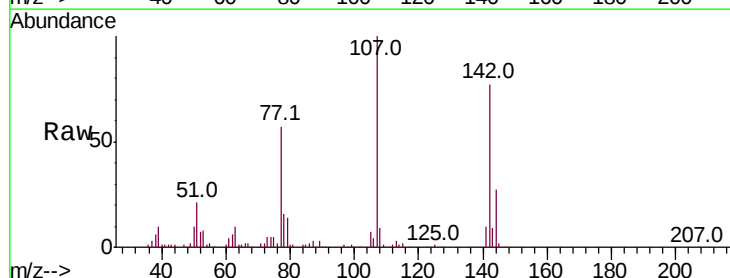
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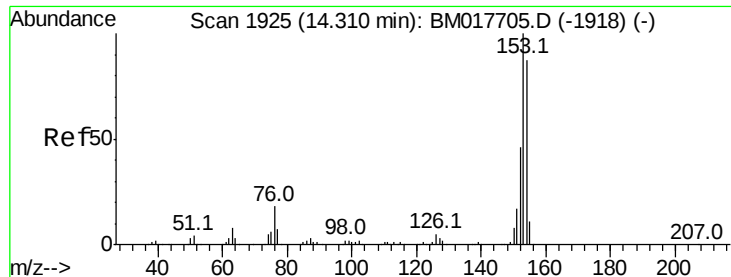
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#33
4-Chloro-3-methylphenol
Concen: 25.777 ng/ul
RT: 11.67 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM017718.D
Acq: 20 Nov 2018 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.3	21.1	31.7		
142	77.3	63.0	94.6		





#49

Acenaphthene

Concen: 32.152 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM017718.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA_M

ClientSampleId :

ETO69MS

Tot Ion:153 Resp: 1119172

Ion Ratio Lower Upper

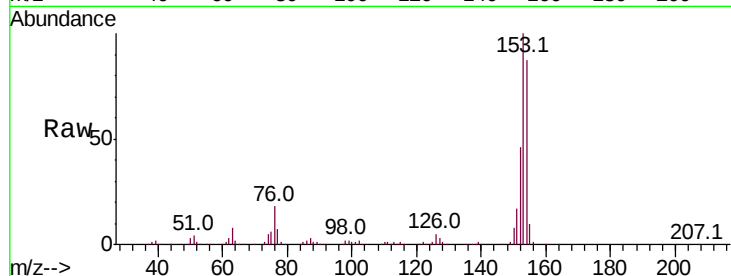
153 100

152 46.4 37.0 55.6

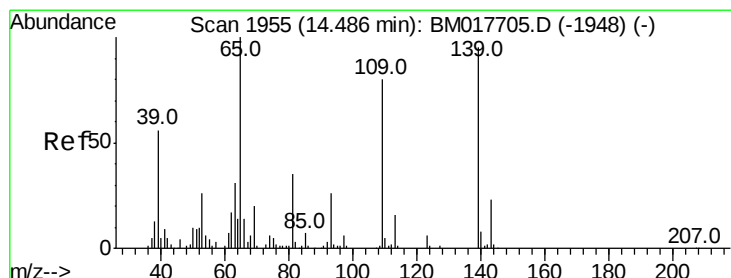
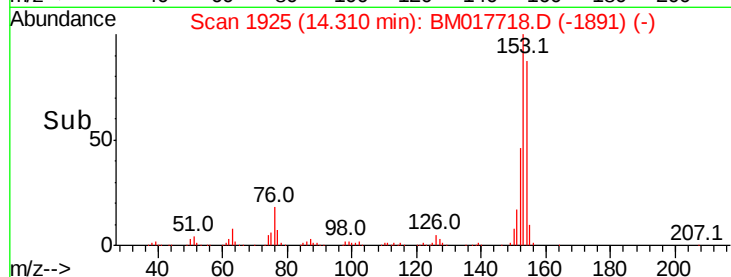
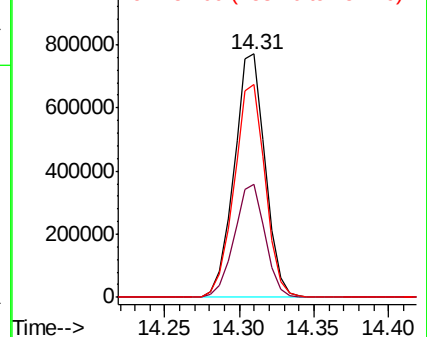
154 87.2 70.6 106.0

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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



#52

4-Nitrophenol

Concen: 6.324 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM017718.D

Acq: 20 Nov 2018 23:52

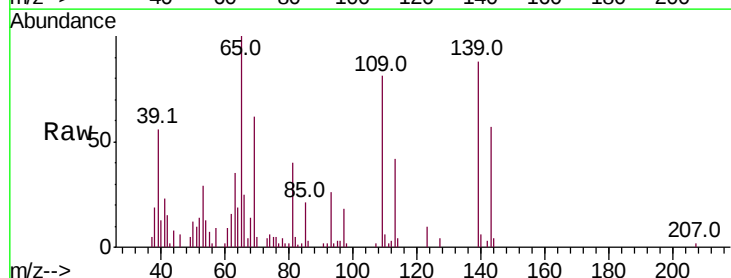
Tgt Ion:109 Resp: 40410

Ion Ratio Lower Upper

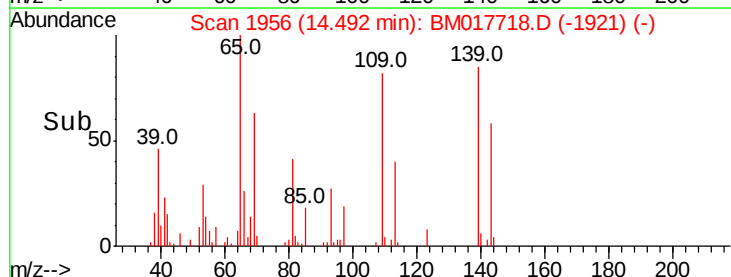
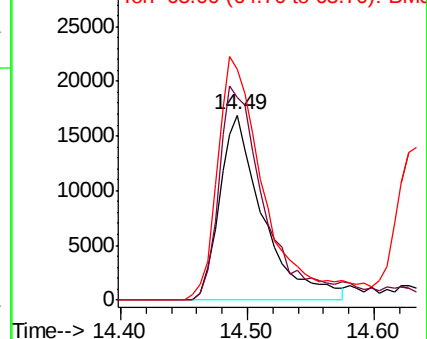
109 100

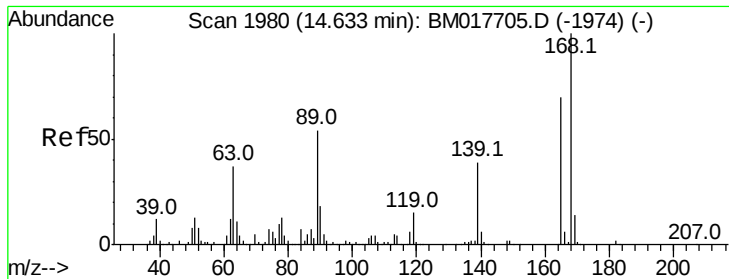
139 109.3 97.4 146.0

65 124.2 104.5 156.7



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#54

2,4-Dinitrotoluene

Concen: 31.541 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM017718.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA_M

ClientSampleId :

ETO69MS

Tot Ion:165 Resp: 388492
Ion Ratio Lower Upper

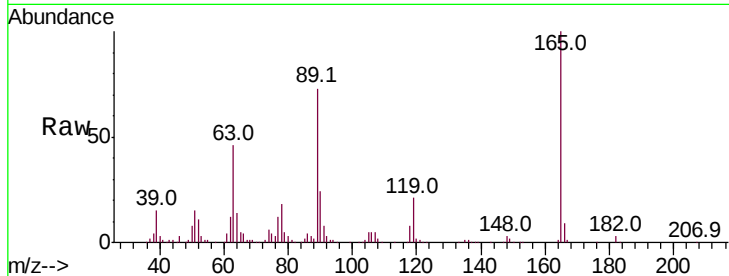
165 100

63 46.0 41.8 62.8

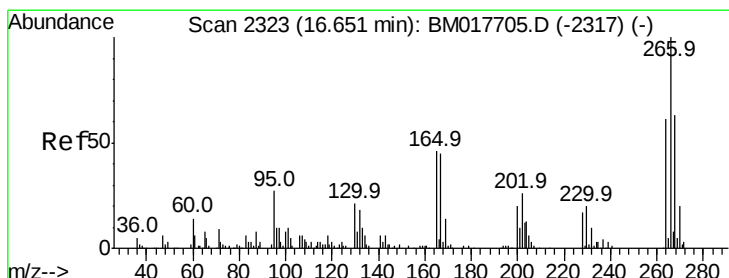
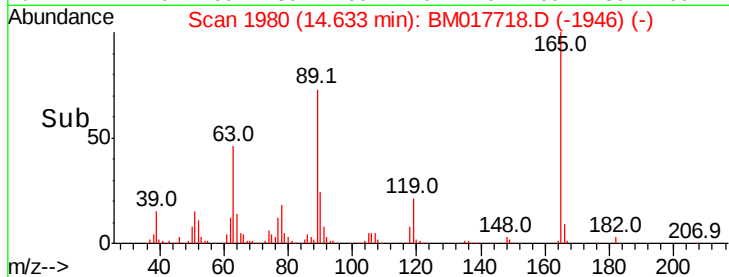
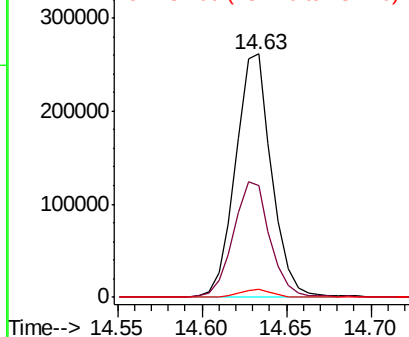
182 3.1 2.2 3.2

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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: 30.790 ng/ul

RT: 16.65 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BM017718.D

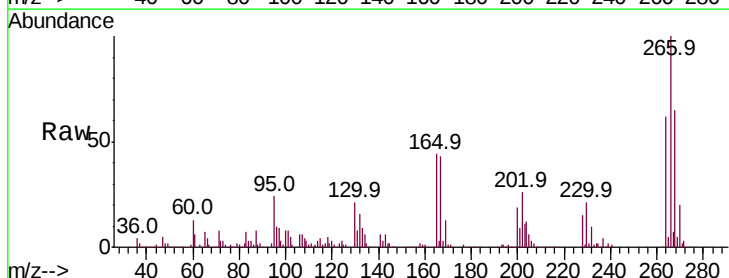
Acq: 20 Nov 2018 23:52

Tgt Ion:266 Resp: 281202
Ion Ratio Lower Upper

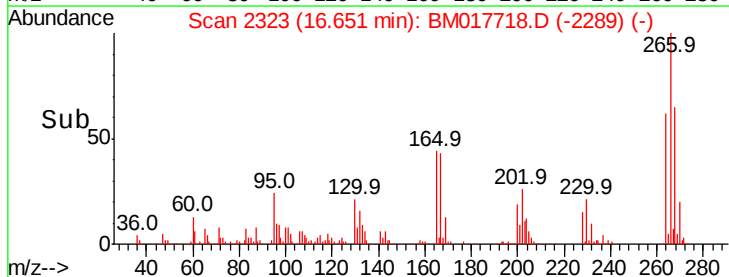
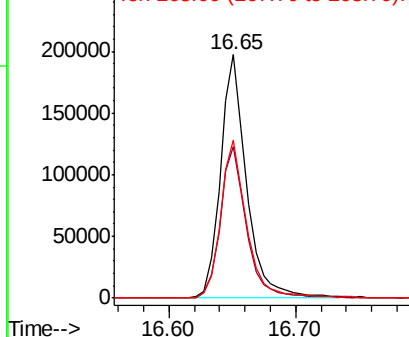
266 100

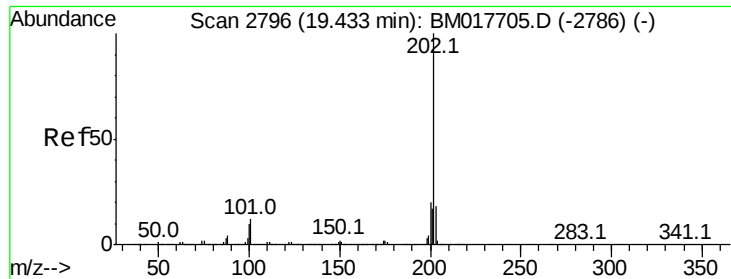
264 62.3 50.2 75.2

268 65.0 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: 33.937 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BM017718.D
 Acq: 20 Nov 2018 23:52

Instrument :
 BNA_M
 ClientSampleId :
 ETO69MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2745507		
101	11.4		9.6	14.4
100	9.5		7.9	11.9

Manual Integrations
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