

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011518\
 Data File : BM013603.D
 Acq On : 16 Jan 2018 01:50
 Operator : SJ/JU
 Sample : J1080-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJK5MSD

Quant Time: Jan 16 03:13:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:03:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	214095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	937036	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	550500	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	1171400	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1050141	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	870920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	20187	3.73	ng/uL	0.00
5) Phenol-d5	6.80	99	470687	28.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	275565	27.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	376587	28.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	399040	31.58	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	199600	27.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	217071	28.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	394801	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	464206	36.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1276413	28.13	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1603709	27.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	175563	23.81	ng/ul	0.00
57) Fluorene-d10	15.27	176	1049335	26.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	166582	23.63	ng/ul	0.00
70) Anthracene-d10	17.12	188	1551386	27.19	ng/ul	0.00
76) Pyrene-d10	19.42	212	1604619	32.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1170900	29.25	ng/ul	0.00

Target Compounds

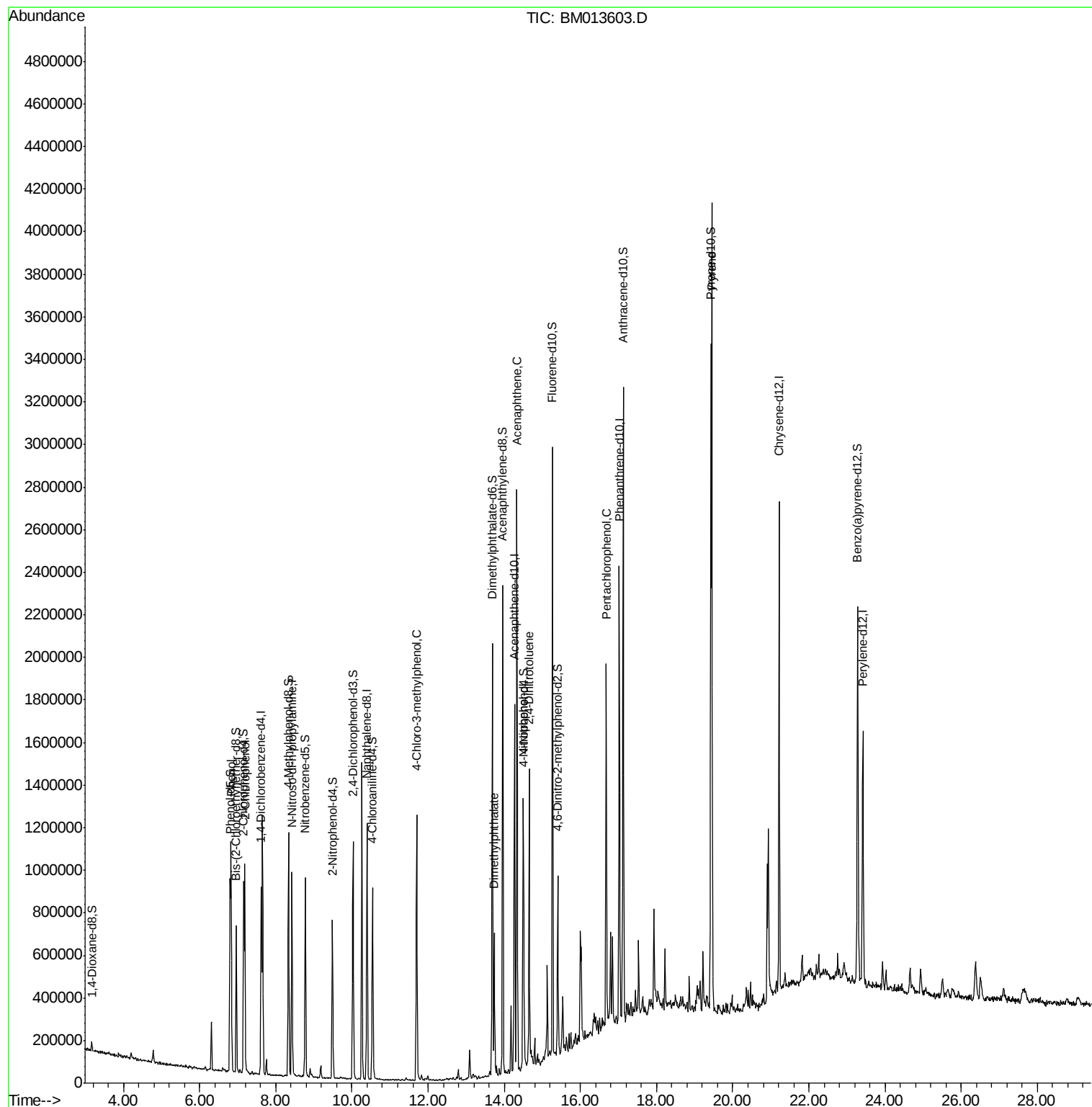
					Ovalue	
6) Phenol	6.83	94	526625	31.945	ng/ul#	82
10) 2-Chlorophenol	7.19	128	386277	28.939	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	334061	32.749	ng/ul#	68
33) 4-Chloro-3-methylphenol	11.70	107	417302	28.779	ng/ul	96
44) Dimethylphthalate	13.73	163	363055	8.139	ng/ul	99
49) Acenaphthene	14.33	153	1037759	28.306	ng/ul	98
52) 4-Nitrophenol	14.51	109	184448	24.625	ng/ul#	79
54) 2,4-Dinitrotoluene	14.66	165	356242	28.270	ng/ul	89
68) Pentachlorophenol	16.67	266	279772	35.352	ng/ul	98
77) Pyrene	19.45	202	2122103	33.240	ng/ul#	91

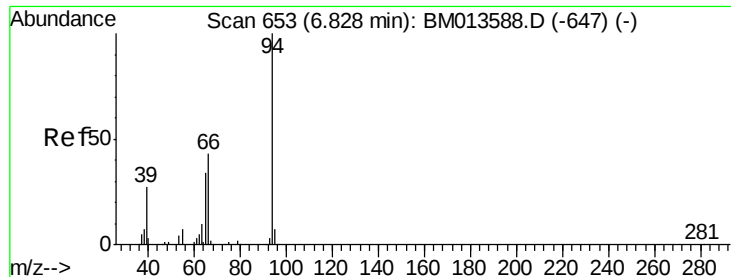
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 31.945 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM013603.D

Acq: 16 Jan 2018 01:50

Instrument :

BNA_M

ClientSampleId :

DAJK5MSD

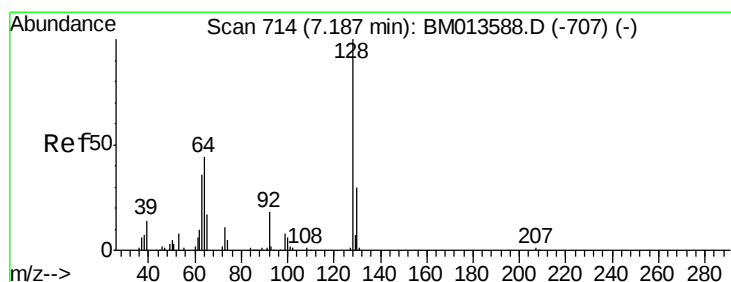
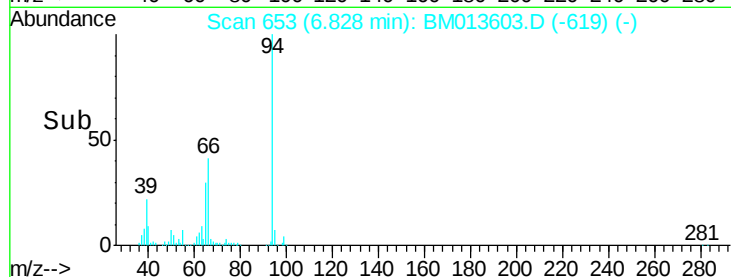
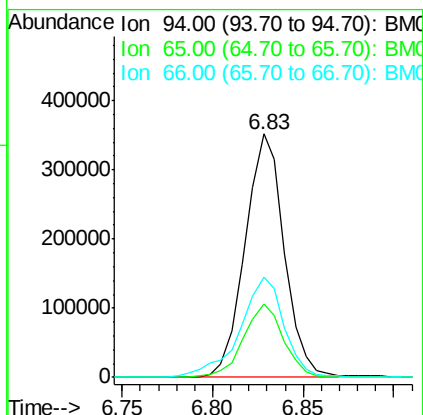
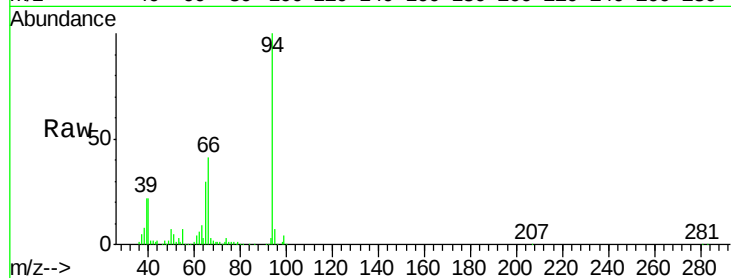
Tot Ion: 94 Resp: 526625

Ion Ratio Lower Upper

94 100

65 29.9 28.2 42.4

66 41.2 47.2 70.8#



#10

2-Chlorophenol

Concen: 28.939 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM013603.D

Acq: 16 Jan 2018 01:50

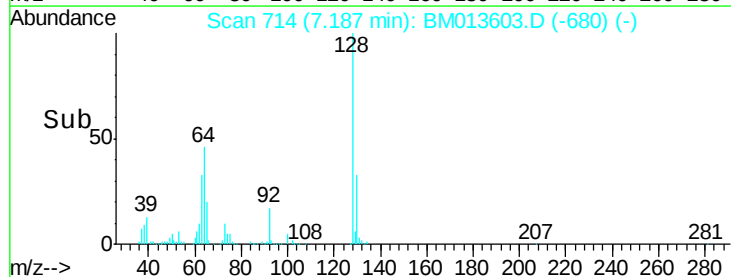
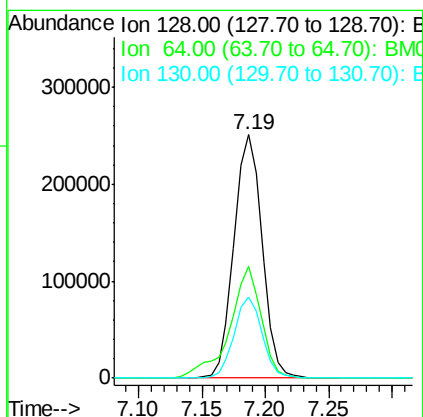
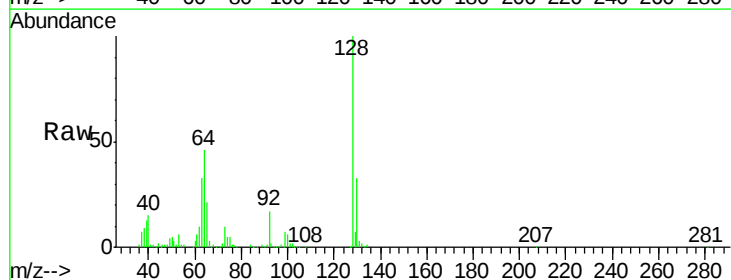
Tgt Ion: 128 Resp: 386277

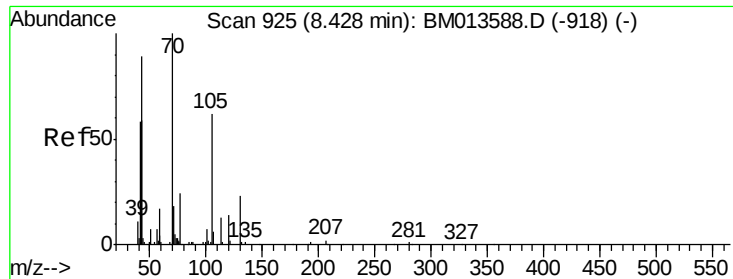
Ion Ratio Lower Upper

128 100

64 46.1 38.0 57.0

130 33.5 24.4 36.6

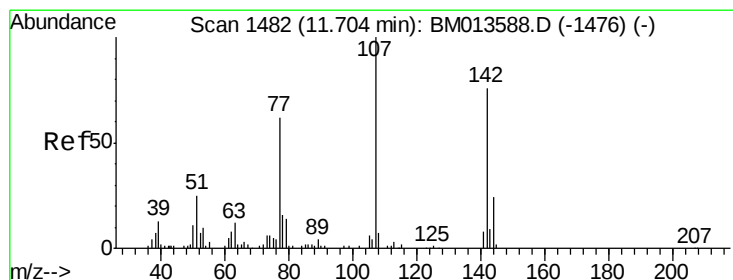
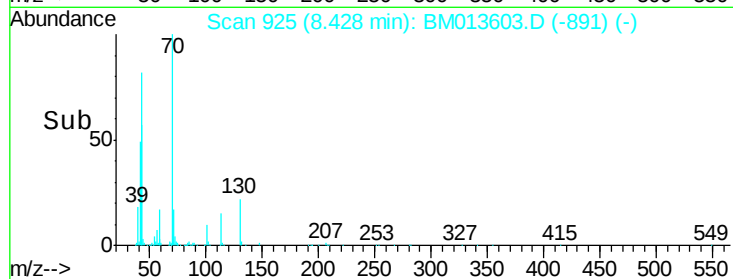
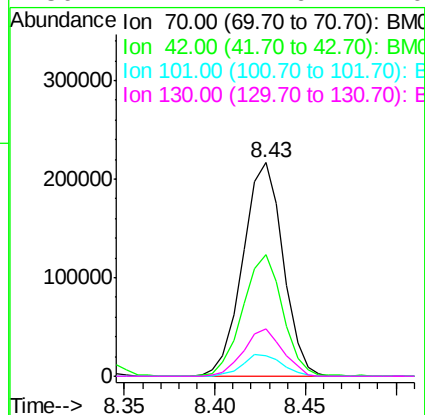
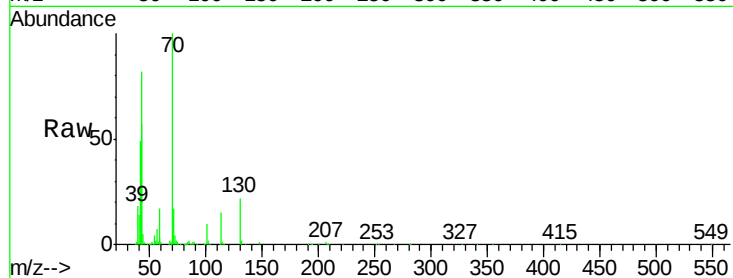




#15
N-Nitroso-di-n-propylamine
Concen: 32.749 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM013603.D
Acq: 16 Jan 2018 01:50

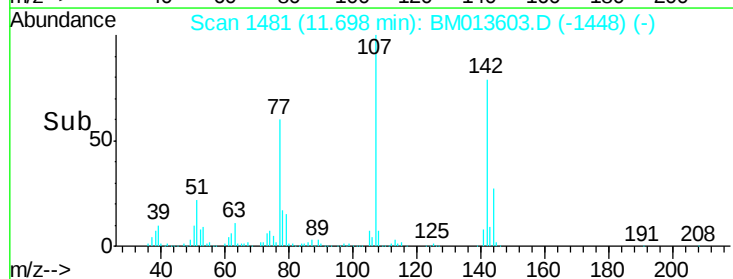
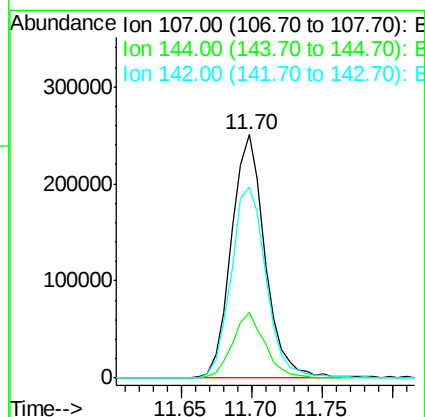
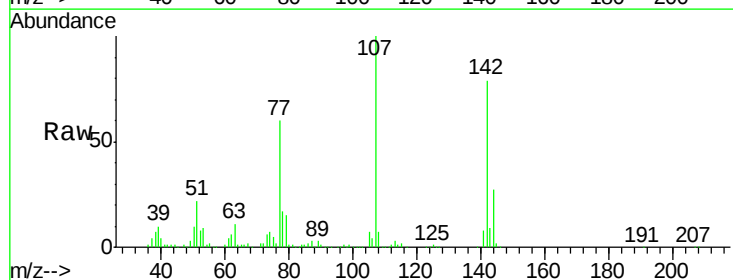
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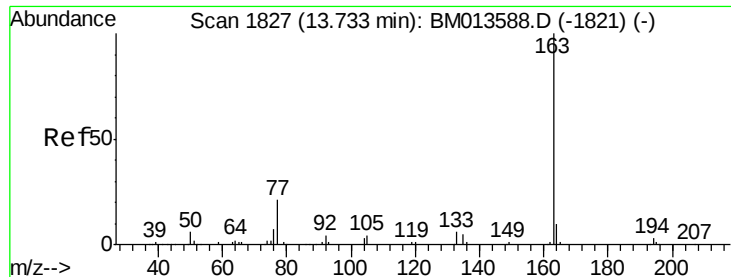
Tot Ion: 70 Resp: 334061
Ion Ratio Lower Upper
70 100
42 56.8 76.0 114.0#
101 9.5 6.7 10.1
130 22.2 14.6 22.0#



#33
4-Chloro-3-methylphenol
Concen: 28.779 ng/ul
RT: 11.70 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM013603.D
Acq: 16 Jan 2018 01:50

Tgt Ion: 107 Resp: 417302
Ion Ratio Lower Upper
107 100
144 27.0 20.4 30.6
142 78.8 60.5 90.7

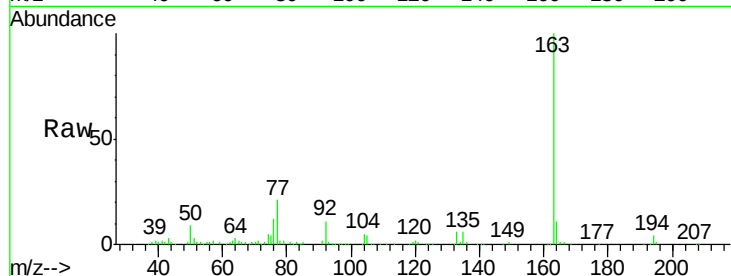




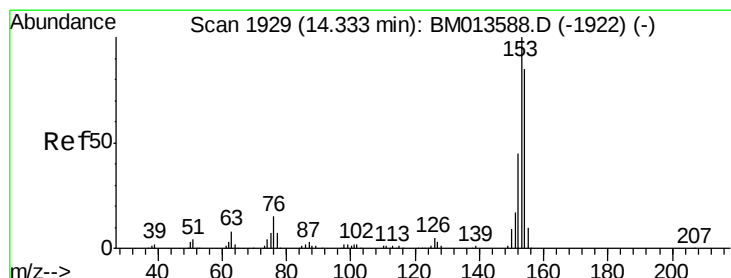
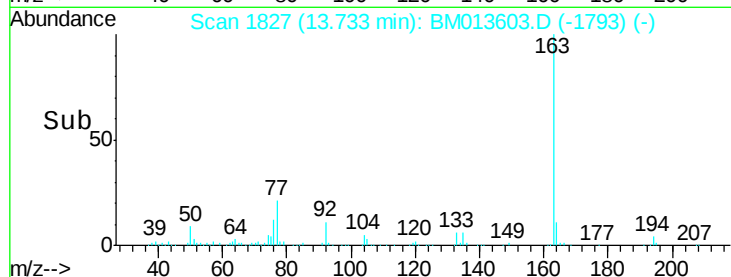
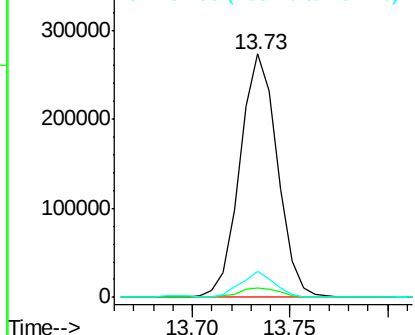
#44
Dimethylphthalate
Concen: 8.139 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM013603.D
Acq: 16 Jan 2018 01:50

Instrument :
BNA_M
ClientSampleId :
DAJK5MSD

Tot Ion:163 Resp: 363055
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.5 8.2 12.4

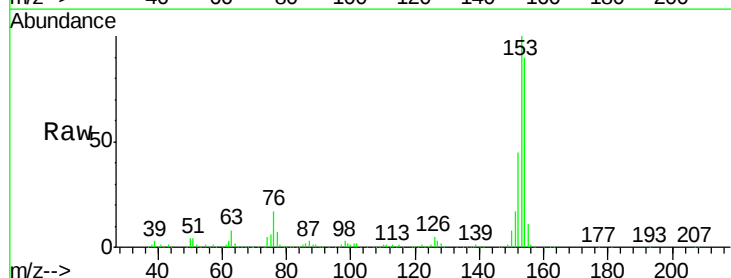


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

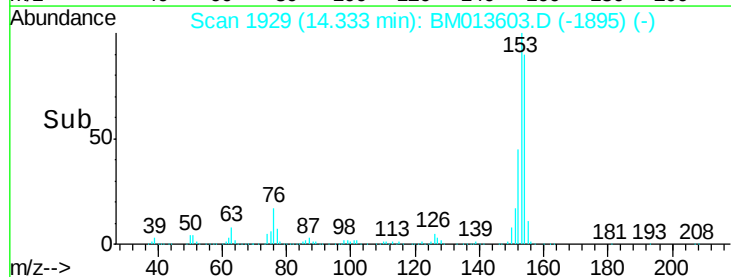
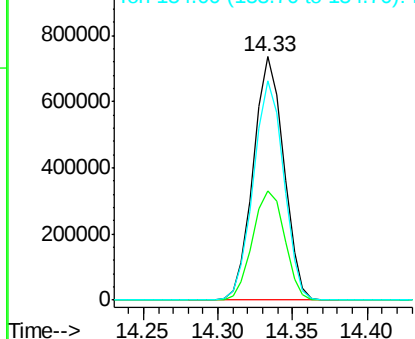


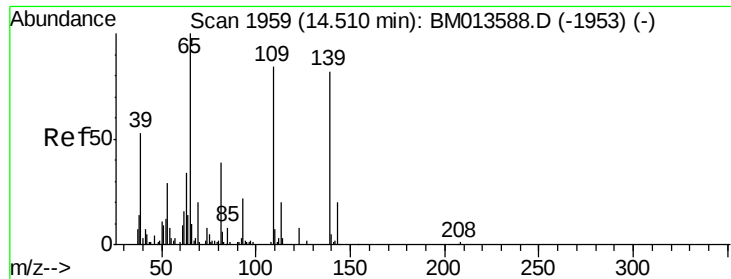
#49
Acenaphthene
Concen: 28.306 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM013603.D
Acq: 16 Jan 2018 01:50

Tgt Ion:153 Resp: 1037759
Ion Ratio Lower Upper
153 100
152 44.8 37.6 56.4
154 89.9 70.4 105.6



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: 24.625 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BM013603.D

Acq: 16 Jan 2018 01:50

Instrument :

BNA_M

ClientSampleId :

DAJK5MSD

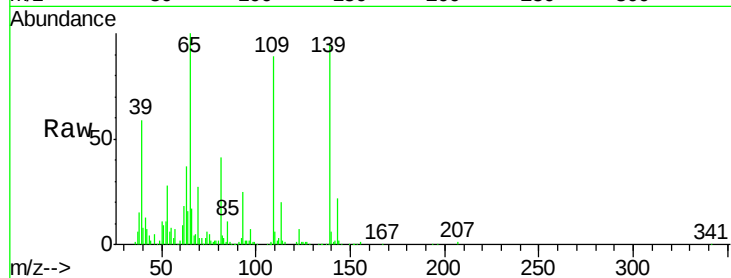
Tot Ion:109 Resp: 184448

Ion Ratio Lower Upper

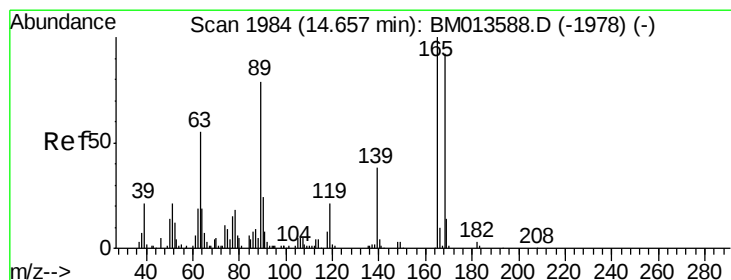
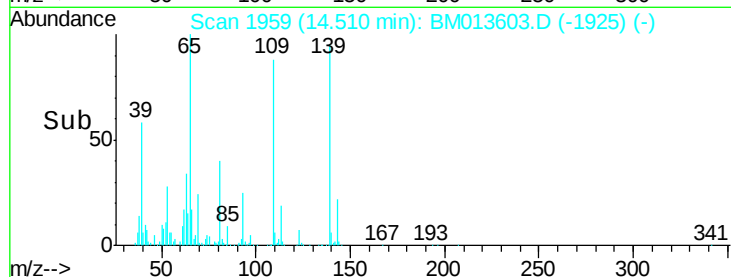
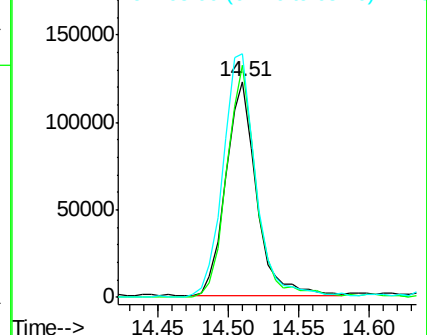
109 100

139 107.4 80.0 120.0

65 112.7 120.0 180.0#



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): BM0



#54

2,4-Dinitrotoluene

Concen: 28.270 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BM013603.D

Acq: 16 Jan 2018 01:50

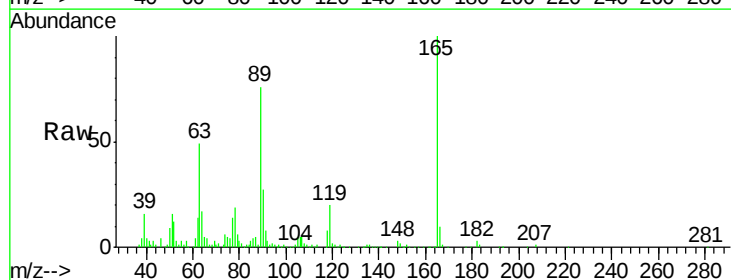
Tgt Ion:165 Resp: 356242

Ion Ratio Lower Upper

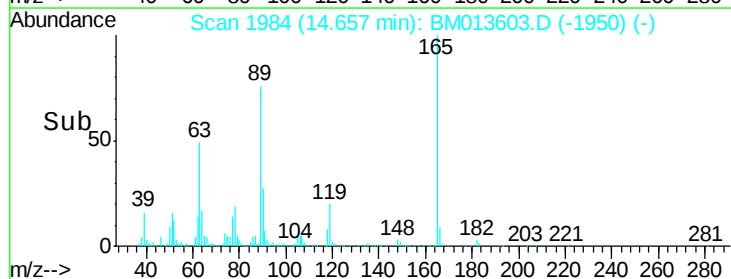
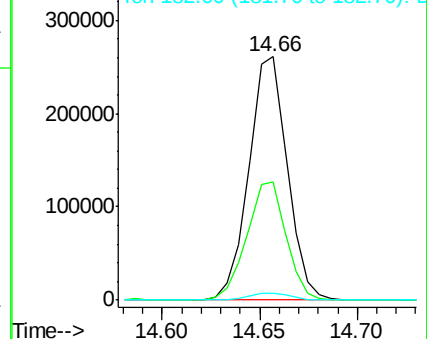
165 100

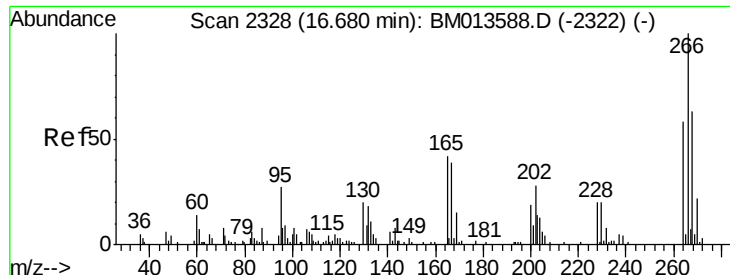
63 48.5 45.8 68.8

182 2.9 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 182.00 (181.70 to 182.70): E

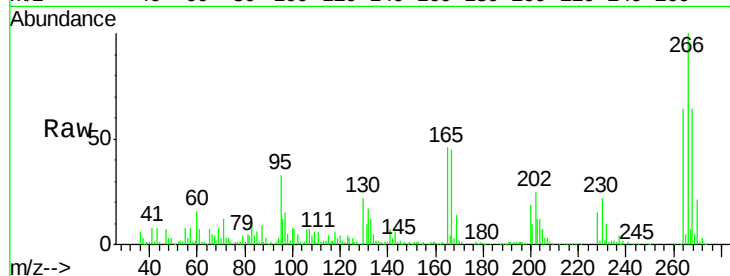




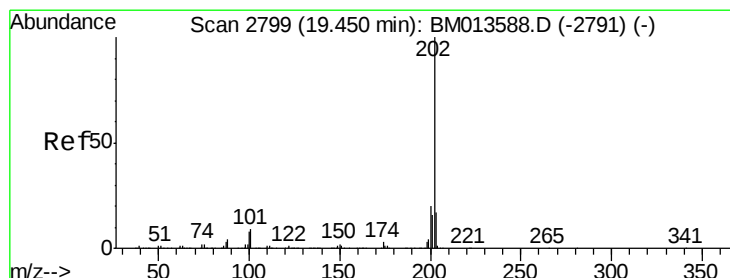
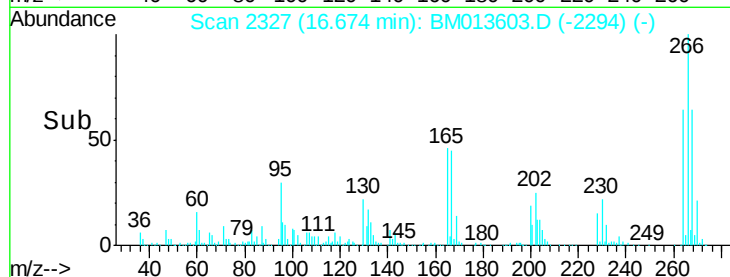
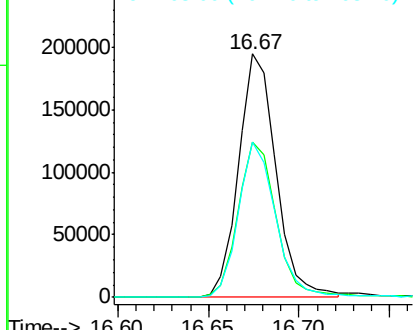
#68
 Pentachlorophenol
 Concen: 35.352 ng/ul
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM013603.D
 Acq: 16 Jan 2018 01:50

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Tot Ion:266 Resp: 279772
 Ion Ratio Lower Upper
 266 100
 264 63.6 49.3 73.9
 268 64.0 52.6 78.8

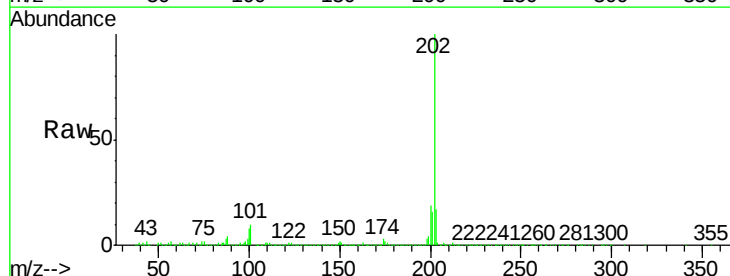


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 33.240 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM013603.D
 Acq: 16 Jan 2018 01:50

Tgt Ion:202 Resp: 2122103
 Ion Ratio Lower Upper
 202 100
 101 9.9 5.1 7.7#
 100 8.3 4.9 7.3#



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

