

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\
 Data File : BM013637.D
 Acq On : 18 Jan 2018 12:53
 Operator : SJ/JU
 Sample : J1097-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJM0MSD

Quant Time: Jan 19 01:04:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 01:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	559430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	309193	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	657869	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	672889	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	678400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	16996	4.80	ng/uL	0.00
5) Phenol-d5	6.80	99	332393	30.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	193682	29.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	263832	30.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	279223	33.80	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	142773	32.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	149879	32.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	277790	31.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	352683	45.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	859114	33.71	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1085736	33.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	119888	28.95	ng/ul	0.00
57) Fluorene-d10	15.27	176	739800	33.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	110793	27.98	ng/ul	0.00
70) Anthracene-d10	17.12	188	1091342	34.06	ng/ul	0.00
76) Pyrene-d10	19.42	212	1168076	37.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1138274	36.51	ng/ul	0.00

Target Compounds

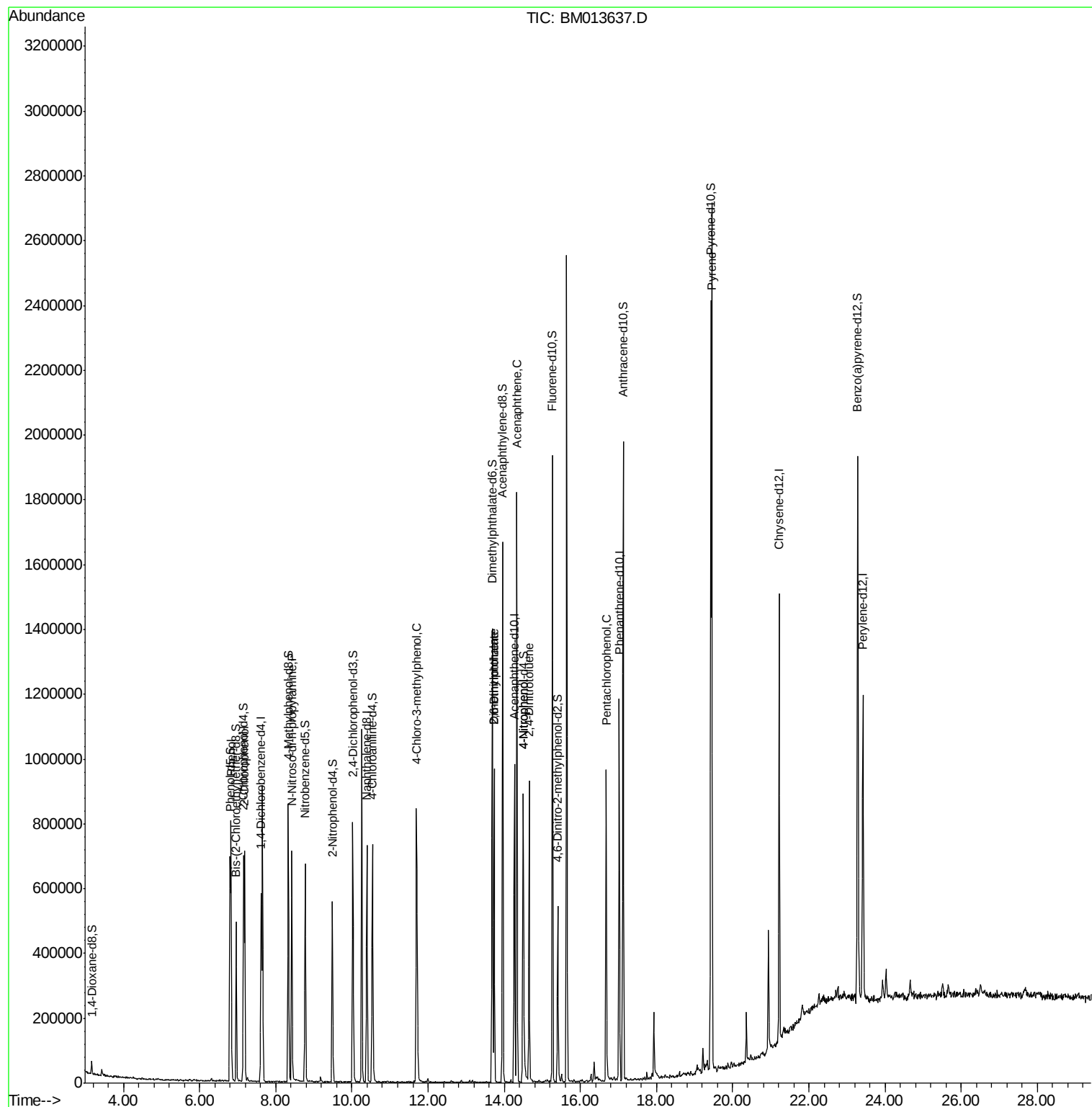
					Ovalue
6) Phenol	6.82	94	378076	35.076	ng/ul 90
10) 2-Chlorophenol	7.18	128	269234	30.849	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.42	70	238544	35.765	ng/ul# 68
33) 4-Chloro-3-methylphenol	11.69	107	292002	33.731	ng/ul 96
44) Dimethylphthalate	13.73	163	561523	22.411	ng/ul 100
45) 2,6-Dinitrotoluene	13.73	165	5935	1.222	ng/ul# 44
49) Acenaphthene	14.33	153	700933	34.039	ng/ul 97
52) 4-Nitrophenol	14.50	109	132365	31.463	ng/ul# 77
54) 2,4-Dinitrotoluene	14.65	165	236655	33.436	ng/ul 90
68) Pentachlorophenol	16.67	266	154182	34.691	ng/ul 96
77) Pyrene	19.45	202	1530510	37.414	ng/ul# 95

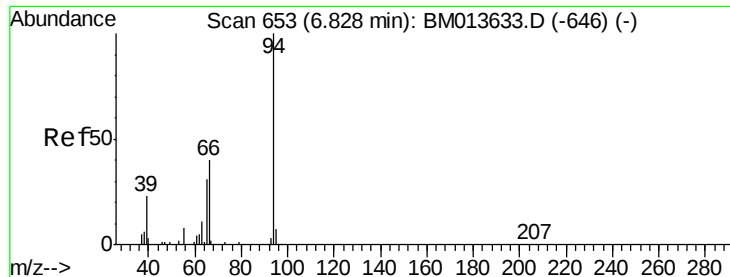
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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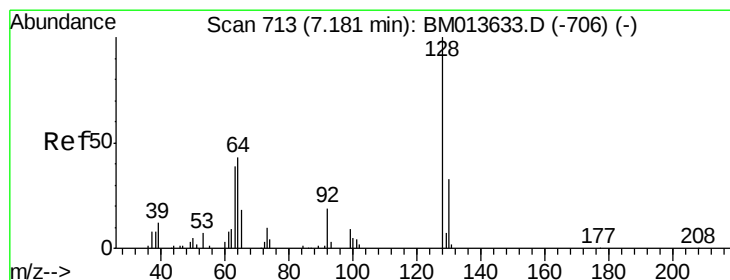
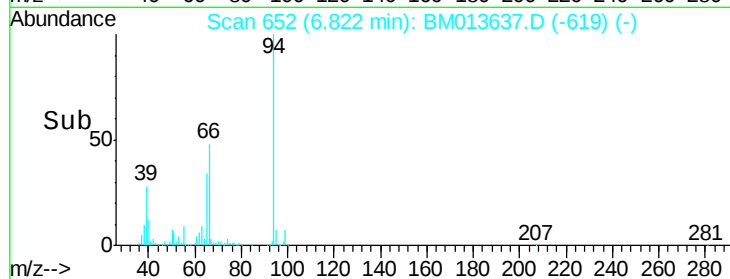
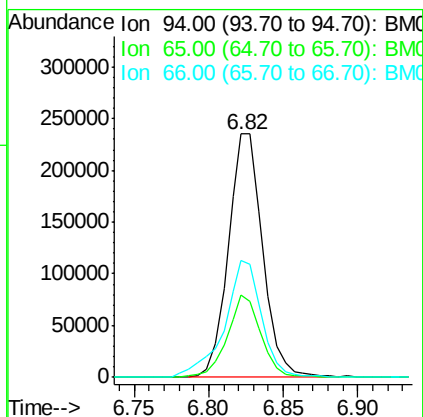
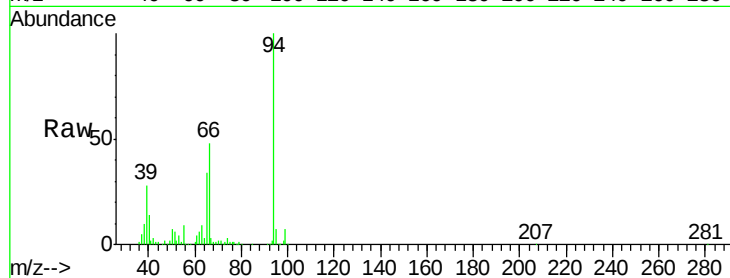
#6

Phenol

Concen: 35.076 ng/ul
 RT: 6.82 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BM013637.D
 Acq: 18 Jan 2018 12:53

Instrument :
 BNA_M
 ClientSampleId :
 DAJM0MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.9	28.2	42.4
66	48.0	47.2	70.8

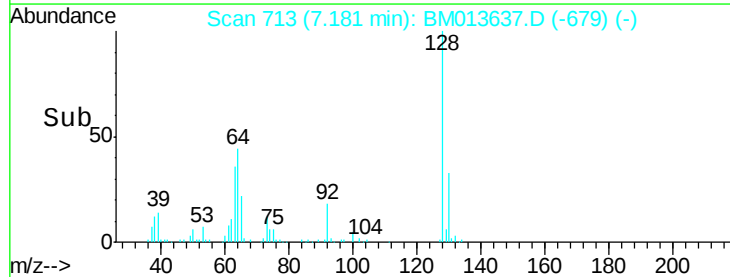
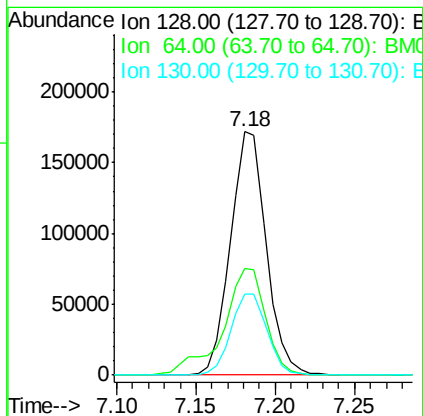
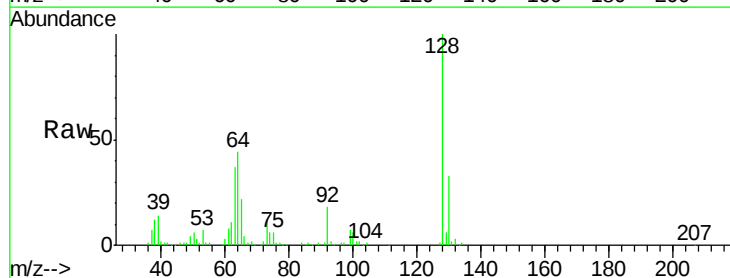


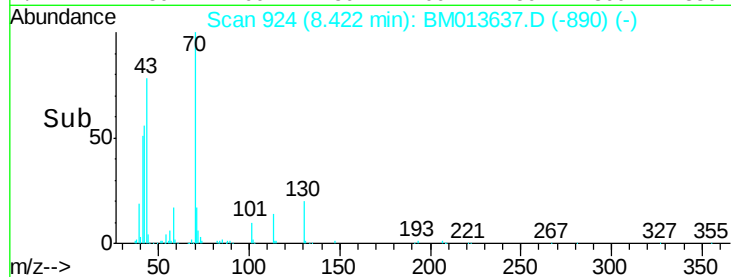
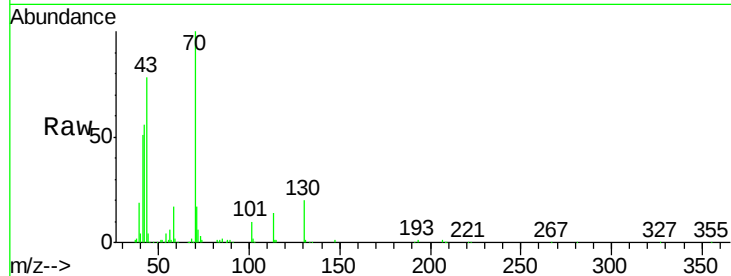
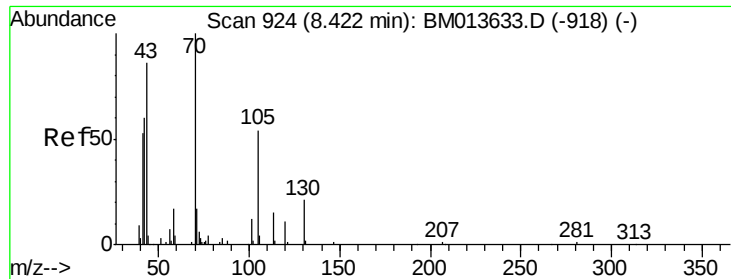
#10

2-Chlorophenol

Concen: 30.849 ng/ul
 RT: 7.18 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BM013637.D
 Acq: 18 Jan 2018 12:53

Tgt Ion	Ratio	Lower	Upper
128	100		
64	43.9	38.0	57.0
130	33.2	24.4	36.6





#15

N-Nitroso-di-n-propylamine

Concen: 35.765 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. 0.00 min

Lab File: BM013637.D

Acq: 18 Jan 2018 12:53

Instrument :

BNA_M

ClientSampleId :

DAJMO0MSD

Tot Ion: 70 Resp: 238544

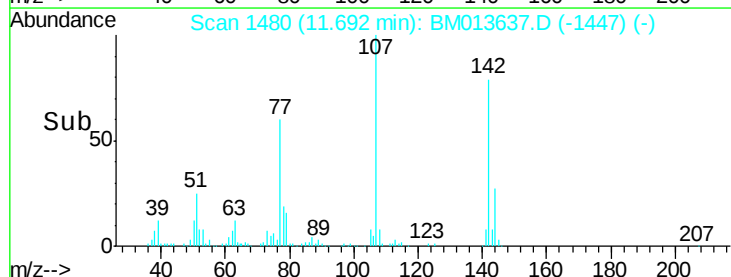
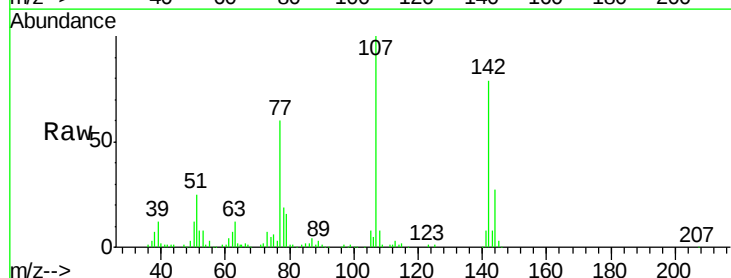
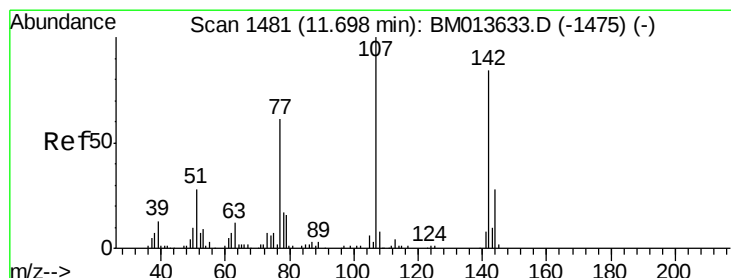
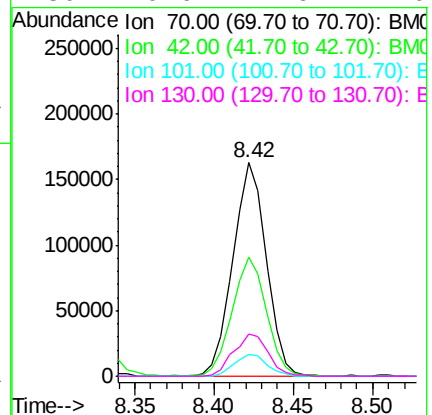
Ion Ratio Lower Upper

70 100

42 56.0 76.0 114.0#

101 10.4 6.7 10.1#

130 19.6 14.6 22.0



#33

4-Chloro-3-methylphenol

Concen: 33.731 ng/ul

RT: 11.69 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BM013637.D

Acq: 18 Jan 2018 12:53

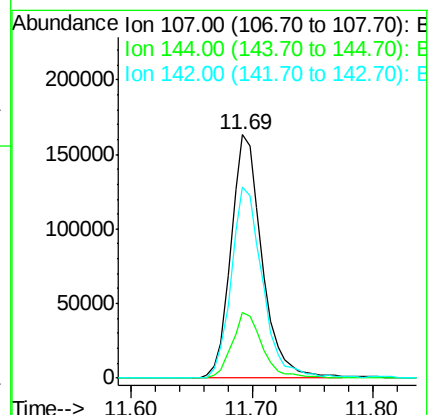
Tgt Ion: 107 Resp: 292002

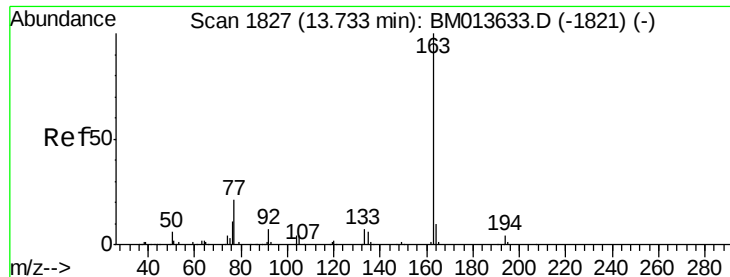
Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

142 78.7 60.5 90.7

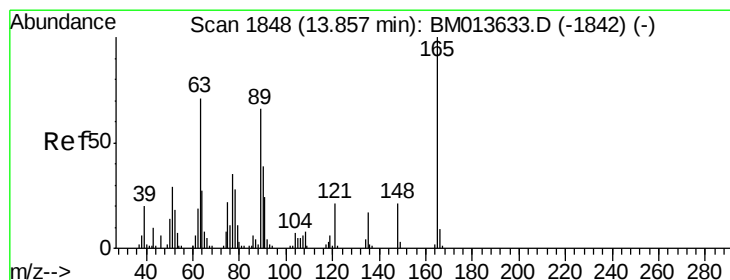
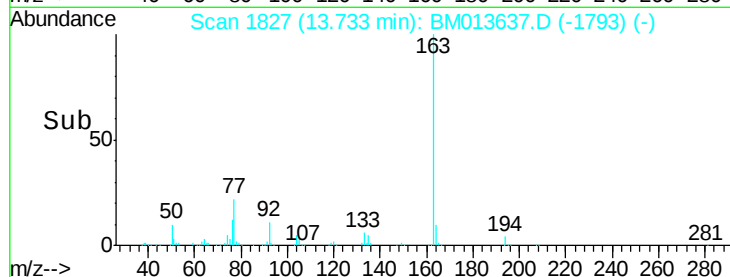
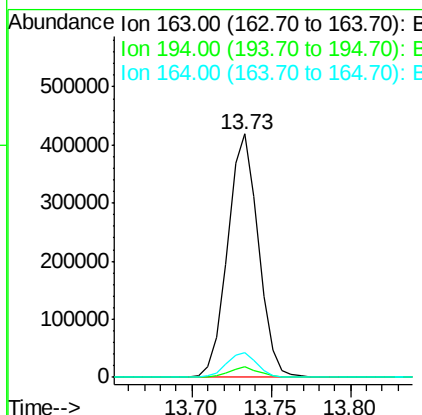
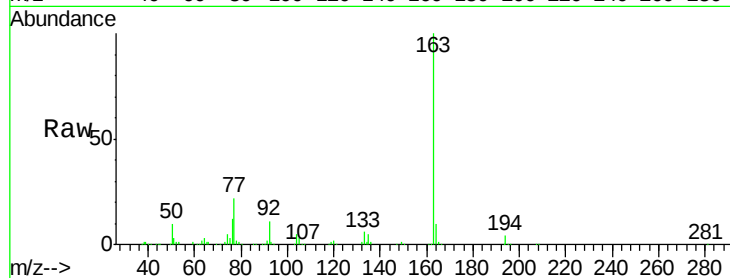




#44
Dimethylphthalate
Concen: 22.411 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM013637.D
Acq: 18 Jan 2018 12:53

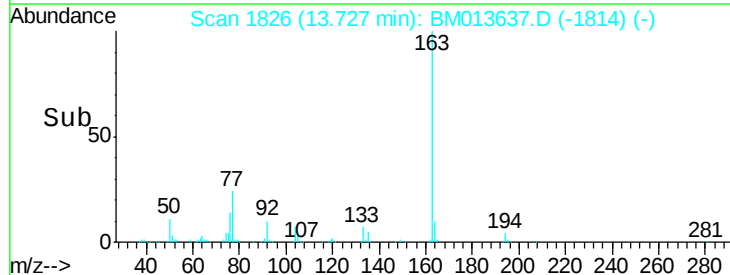
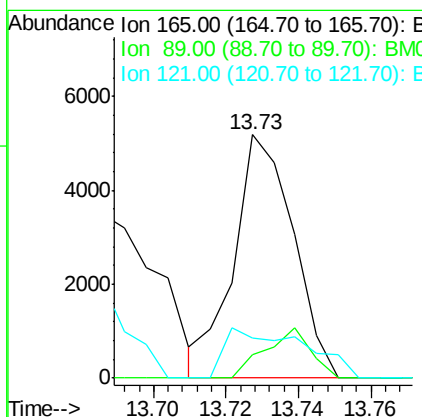
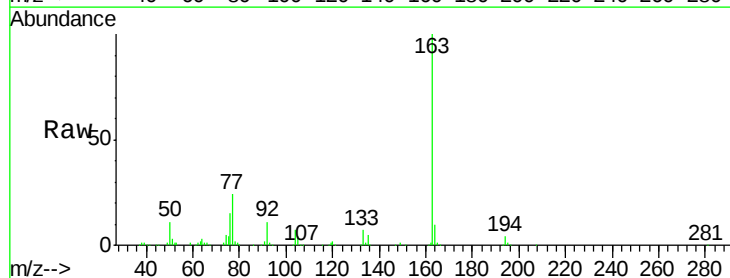
Instrument :
BNA_M
ClientSampled :
DAJM0MSD

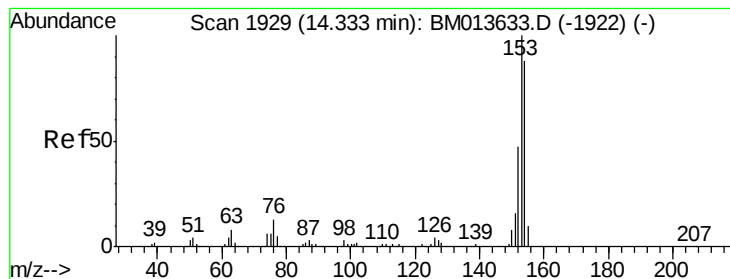
Tot Ion:163 Resp: 561523
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 1.222 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.13 min
Lab File: BM013637.D
Acq: 18 Jan 2018 12:53

Tgt Ion:165 Resp: 5935
Ion Ratio Lower Upper
165 100
89 9.9 52.6 79.0#
121 16.7 14.6 22.0





#49

Acenaphthene

Concen: 34.039 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM013637.D

Acq: 18 Jan 2018 12:53

Instrument :

BNA_M

ClientSampleId :

DAJM0MSD

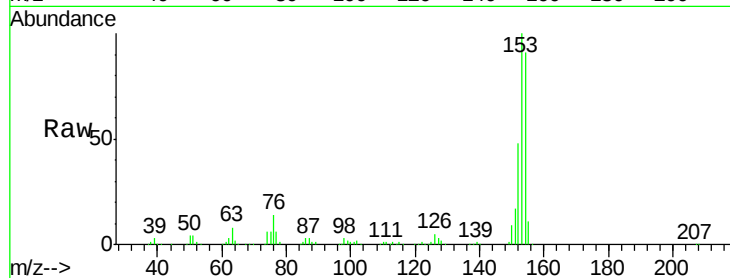
Tot Ion:153 Resp: 700933

Ion Ratio Lower Upper

153 100

152 47.5 37.6 56.4

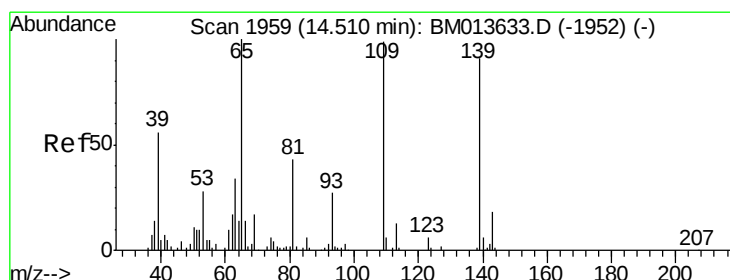
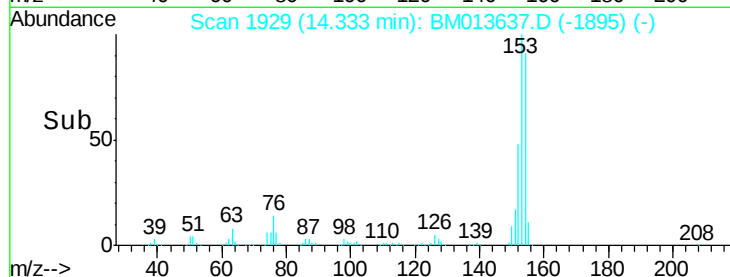
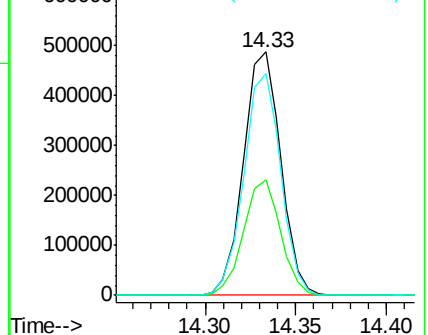
154 91.2 70.4 105.6



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: 31.463 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM013637.D

Acq: 18 Jan 2018 12:53

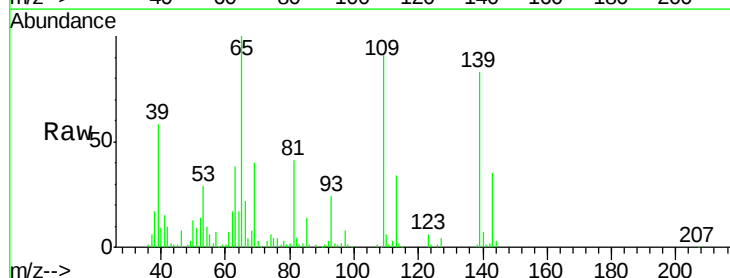
Tgt Ion:109 Resp: 132365

Ion Ratio Lower Upper

109 100

139 90.7 80.0 120.0

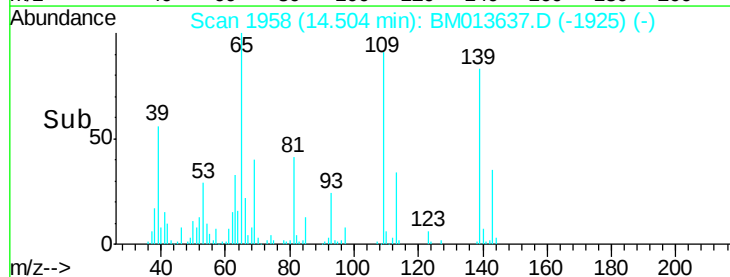
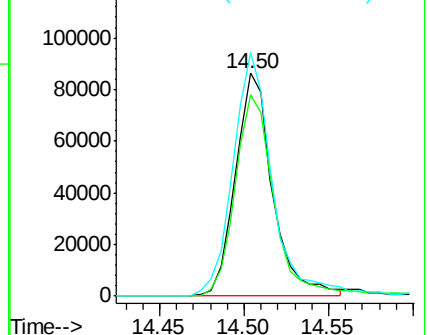
65 109.4 120.0 180.0#

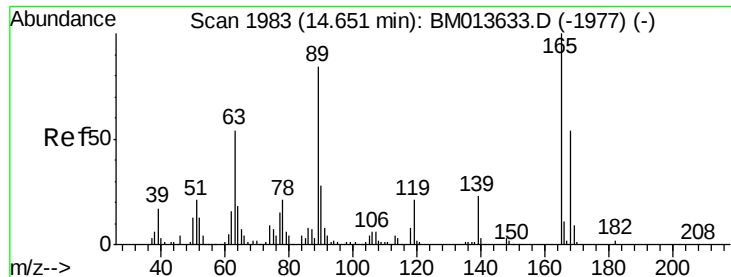


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

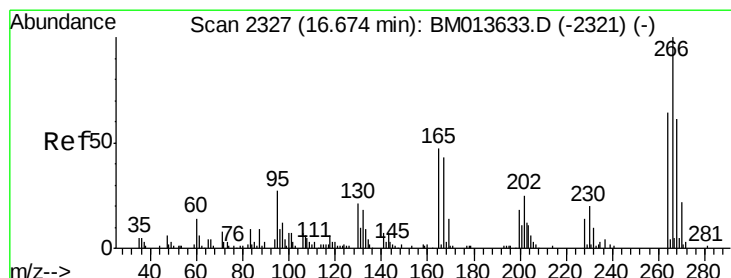
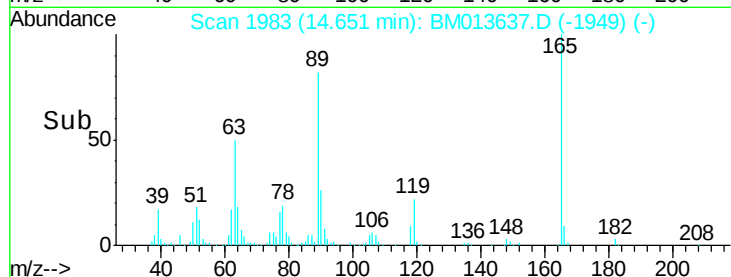
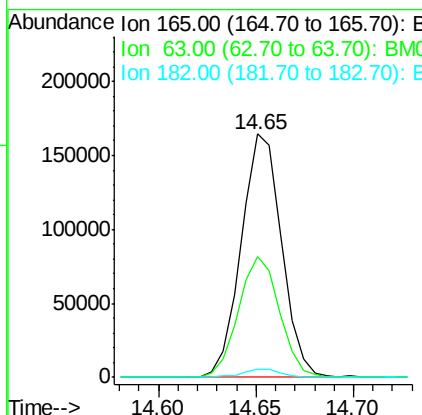
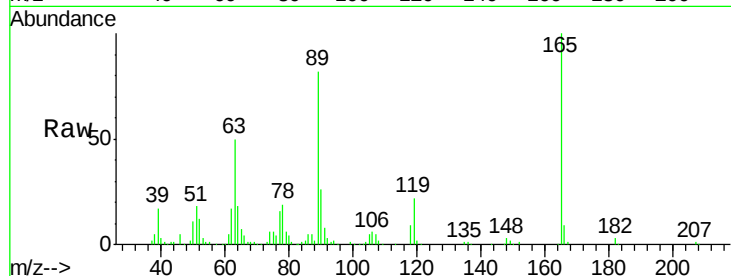




#54
2,4-Dinitrotoluene
Concen: 33.436 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM013637.D
Acq: 18 Jan 2018 12:53

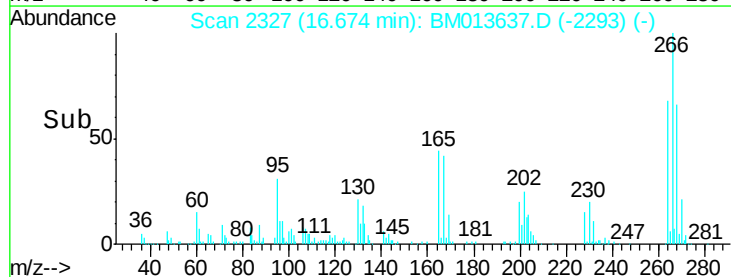
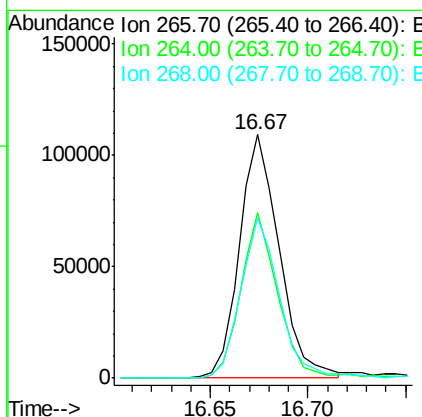
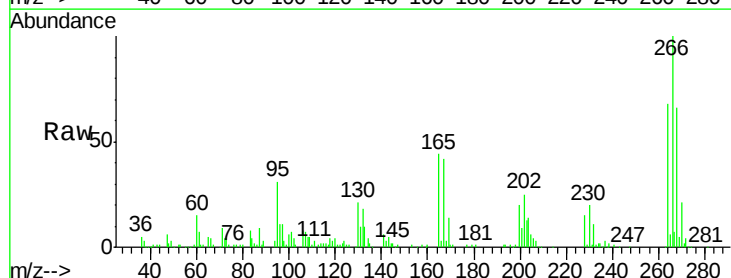
Instrument :
BNA_M
ClientSampleId :
DAJM0MSD

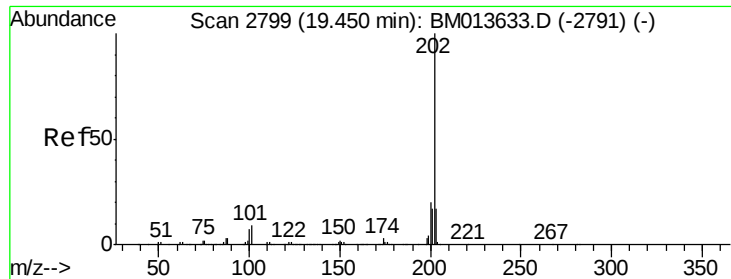
Tot Ion:165 Resp: 236655
Ion Ratio Lower Upper
165 100
63 49.7 45.8 68.8
182 3.3 2.6 4.0



#68
Pentachlorophenol
Concen: 34.691 ng/ul
RT: 16.67 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM013637.D
Acq: 18 Jan 2018 12:53

Tgt Ion:266 Resp: 154182
Ion Ratio Lower Upper
266 100
264 68.2 49.3 73.9
268 66.1 52.6 78.8

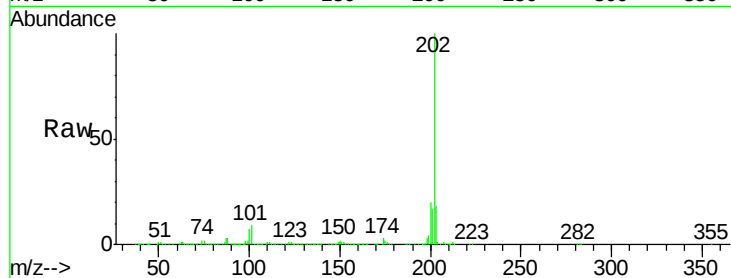




#77
 Pvrene
 Concen: 37.414 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM013637.D
 Acq: 18 Jan 2018 12:53

Instrument :
 BNA_M
 ClientSampleId :
 DAJM0MSD

Tot Ion:202 Resp: 1530510
 Ion Ratio Lower Upper
 202 100
 101 8.7 5.1 7.7#
 100 7.0 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

