

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012271.D
 Acq On : 18 Oct 2017 04:46
 Operator : SJ/JU
 Sample : I5664-12MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B75MSD

Quant Time: Oct 18 08:24:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 08:12:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	180858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	761138	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	629087	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1074769	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	859899	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	826671	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20583	5.41	ng/uL	0.00
5) Phenol-d5	6.96	99	761848	51.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	372698	42.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	488189	39.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	506482	40.09	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	234744	40.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	287017	42.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	573311	44.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	631154	52.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1761779	31.69	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2124597	31.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	282294	33.77	ng/ul	0.00
57) Fluorene-d10	15.43	176	1830103	40.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	246520	33.42	ng/ul	0.00
70) Anthracene-d10	17.29	188	2194470	41.29	ng/ul	0.00
76) Pyrene-d10	19.58	212	2244132	51.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1649031	41.38	ng/ul	0.00

Target Compounds

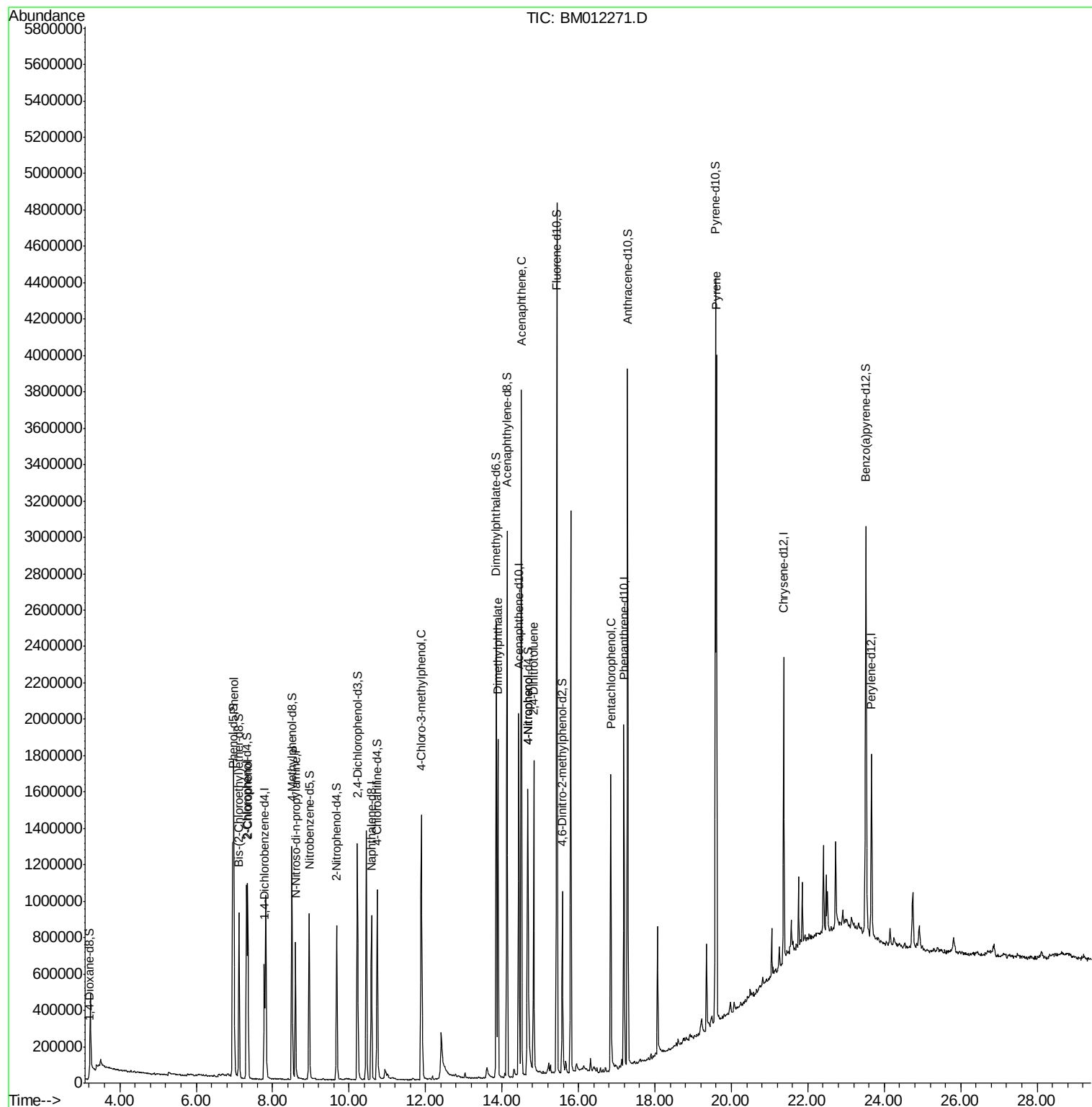
					Ovalue
6) Phenol	6.99	94	891159	58.747	ng/ul 99
10) 2-Chlorophenol	7.35	128	479198	37.722	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	284097	27.608	ng/ul 98
33) 4-Chloro-3-methylphenol	11.89	107	556560	41.617	ng/ul 97
44) Dimethylphthalate	13.90	163	1276698	22.919	ng/ul 98
49) Acenaphthene	14.50	153	1488115	33.428	ng/ul 99
52) 4-Nitrophenol	14.68	109	267303	35.583	ng/ul 99
54) 2,4-Dinitrotoluene	14.83	165	522507	32.605	ng/ul 91
68) Pentachlorophenol	16.84	266	327800	40.326	ng/ul 96
77) Pyrene	19.62	202	2319732	40.848	ng/ul 100

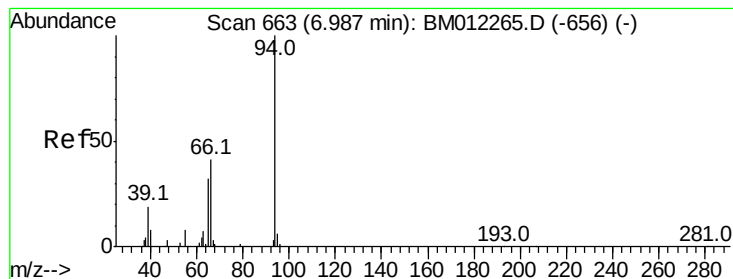
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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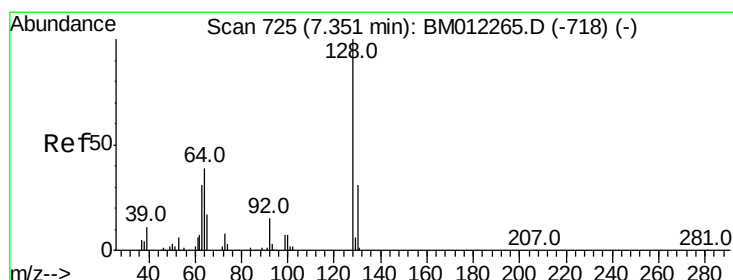
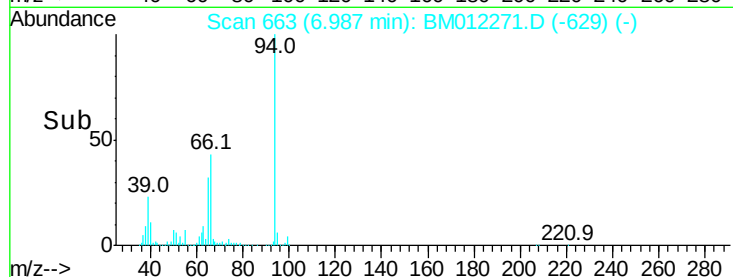
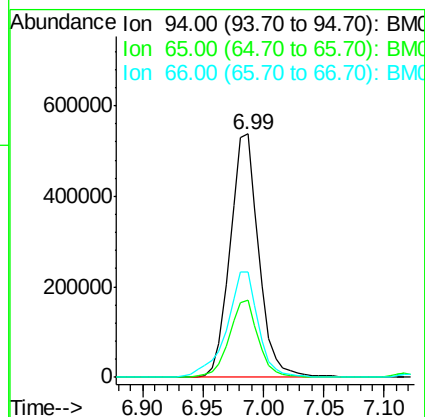
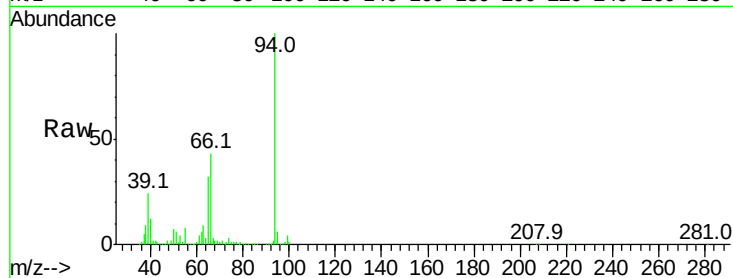
#6

Phenol

Concen: 58.747 ng/ul
RT: 6.99 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM012271.D
Acq: 18 Oct 2017 04:46

Instrument :
BNA_M
ClientSampleId :
C0B75MSD

Tot Ion	94	Resp	891159
Ion	Ratio	Lower	Upper
94	100		
65	31.5	24.4	36.6
66	43.1	35.0	52.4

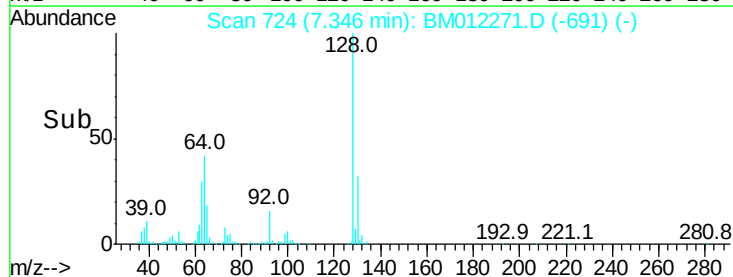
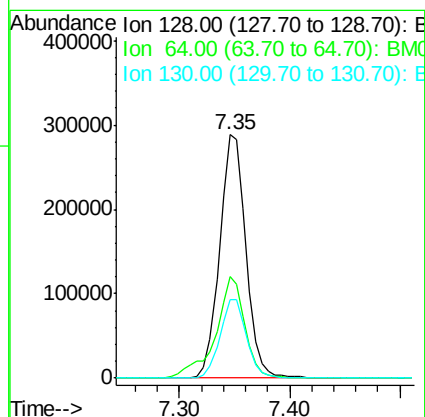
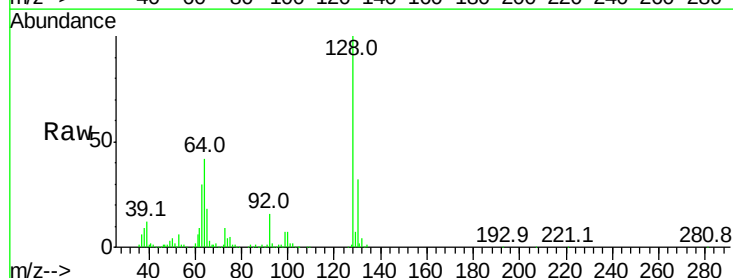


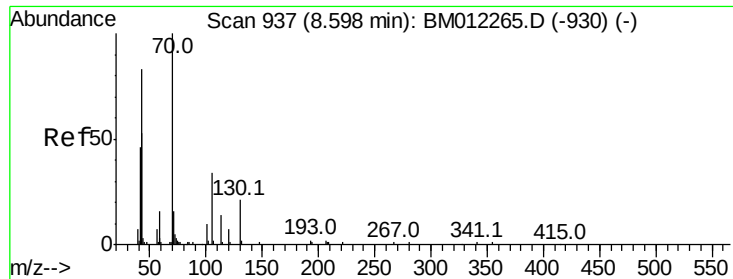
#10

2-Chlorophenol

Concen: 37.722 ng/ul
RT: 7.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM012271.D
Acq: 18 Oct 2017 04:46

Tgt Ion	128	Resp	479198
Ion	Ratio	Lower	Upper
128	100		
64	41.6	32.7	49.1
130	32.2	26.2	39.4





#15

N-Nitroso-di-n-propylamine

Concen: 27.608 ng/ul

RT: 8.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BM012271.D

Acq: 18 Oct 2017 04:46

Instrument :

BNA_M

ClientSampleId :

C0B75MSD

Tot Ion: 70 Resp: 284097

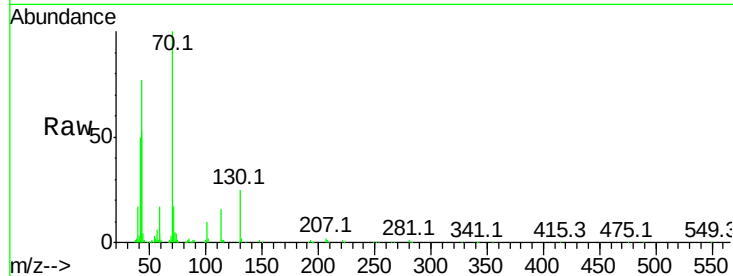
Ion Ratio Lower Upper

70 100

42 52.7 43.0 64.4

101 10.4 8.2 12.2

130 24.8 18.6 28.0



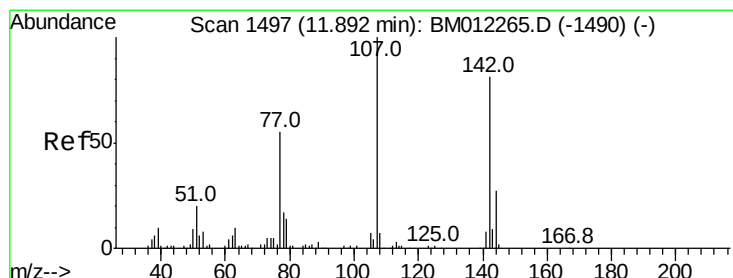
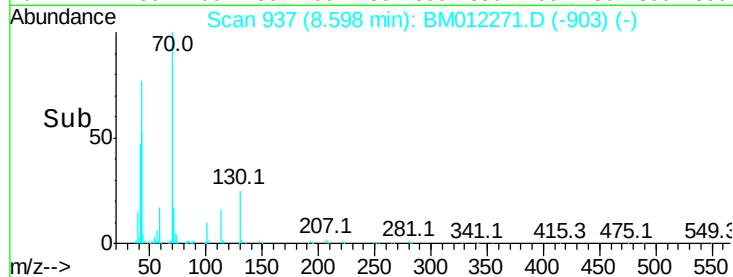
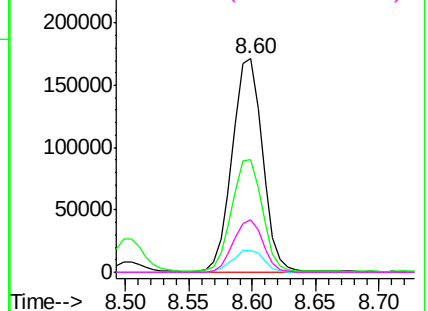
Abundance

Ion 70.00 (69.70 to 70.70): BM012265.D (-930) (-)

Ion 42.00 (41.70 to 42.70): BM012265.D (-930) (-)

Ion 101.00 (100.70 to 101.70): BM012265.D (-930) (-)

Ion 130.00 (129.70 to 130.70): BM012265.D (-930) (-)



#33

4-Chloro-3-methylphenol

Concen: 41.617 ng/ul

RT: 11.89 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BM012271.D

Acq: 18 Oct 2017 04:46

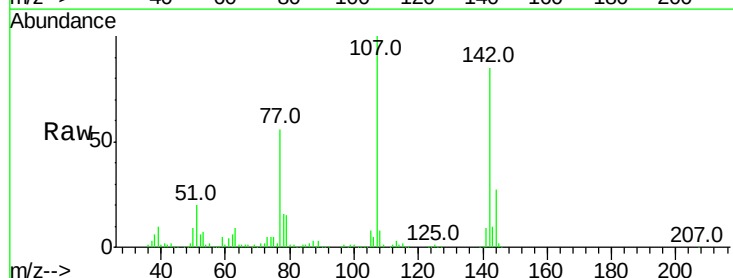
Tgt Ion: 107 Resp: 556560

Ion Ratio Lower Upper

107 100

144 27.3 21.2 31.8

142 85.3 65.3 97.9

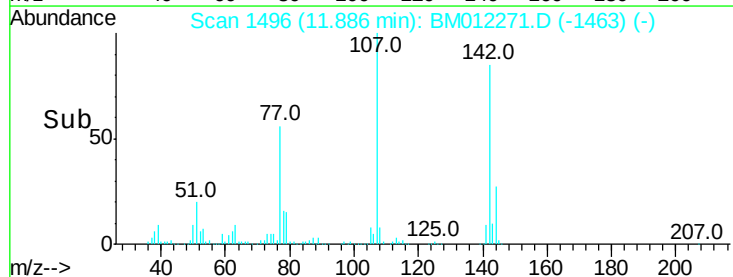
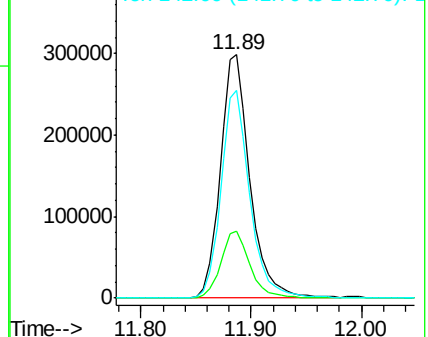


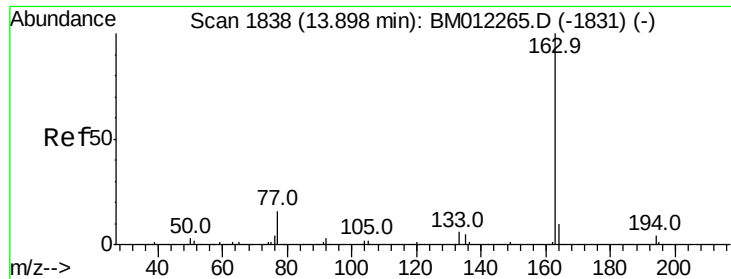
Abundance

Ion 107.00 (106.70 to 107.70): BM012265.D (-1490) (-)

Ion 144.00 (143.70 to 144.70): BM012265.D (-1490) (-)

Ion 142.00 (141.70 to 142.70): BM012265.D (-1490) (-)





#44

Dimethylphthalate

Concen: 22.919 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM012271.D

Acq: 18 Oct 2017 04:46

Instrument :

BNA_M

ClientSampleId :

C0B75MSD

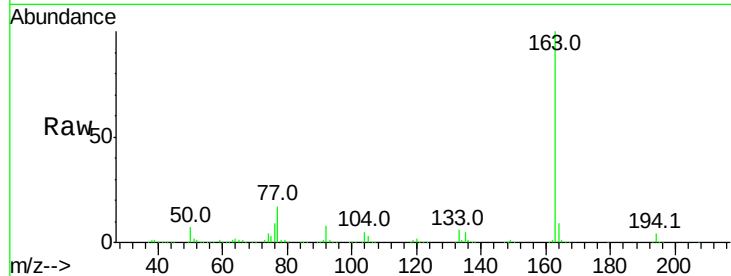
Tot Ion:163 Resp: 1276698

Ion Ratio Lower Upper

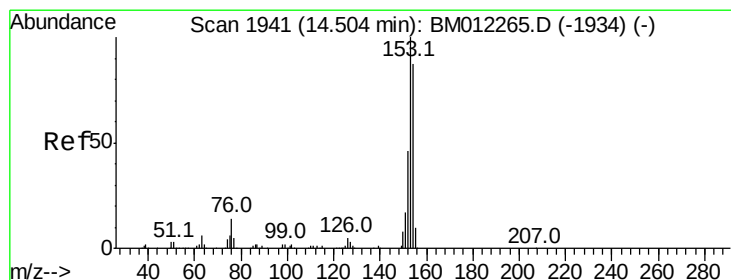
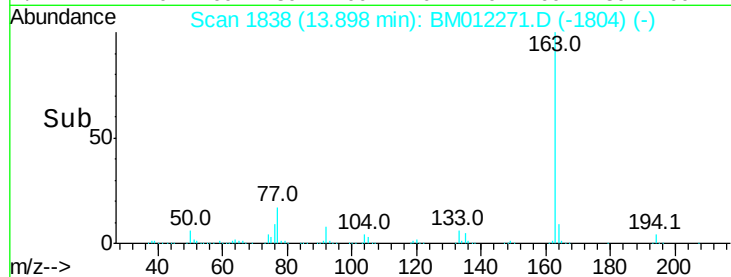
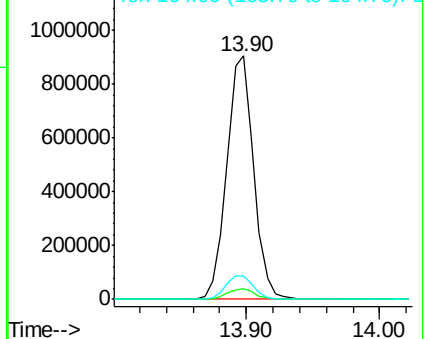
163 100

194 4.1 3.7 5.5

164 9.5 8.1 12.1



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: 33.428 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM012271.D

Acq: 18 Oct 2017 04:46

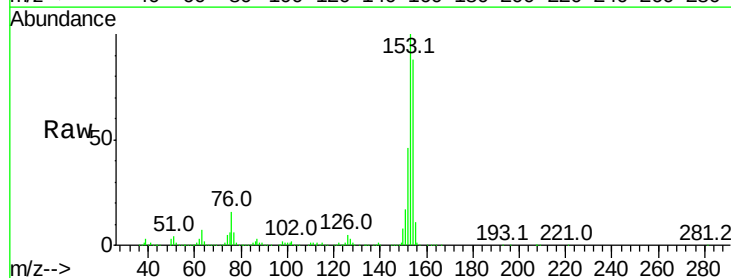
Tgt Ion:153 Resp: 1488115

Ion Ratio Lower Upper

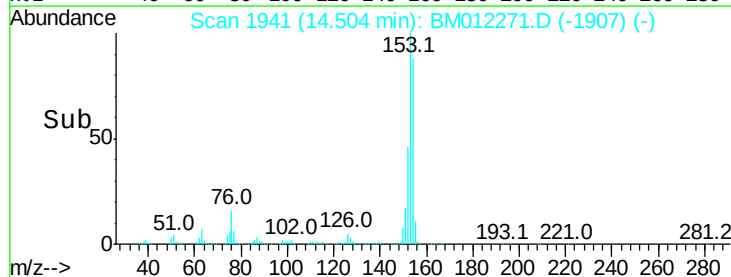
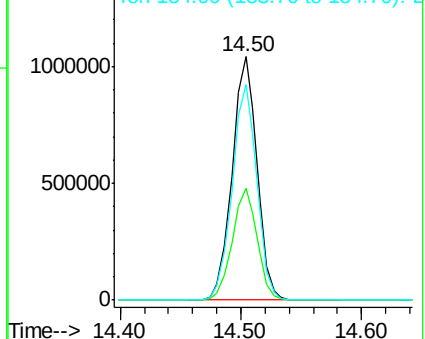
153 100

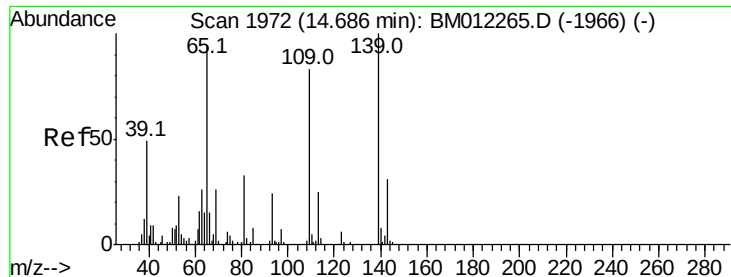
152 45.8 37.4 56.0

154 88.5 71.1 106.7



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: 35.583 ng/ul

RT: 14.68 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BM012271.D

Acq: 18 Oct 2017 04:46

Instrument :

BNA_M

ClientSampleId :

C0B75MSD

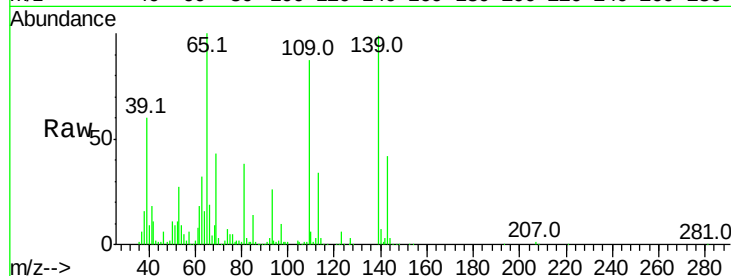
Tot Ion:109 Resp: 267303

Ion Ratio Lower Upper

109 100

139 114.4 90.6 135.8

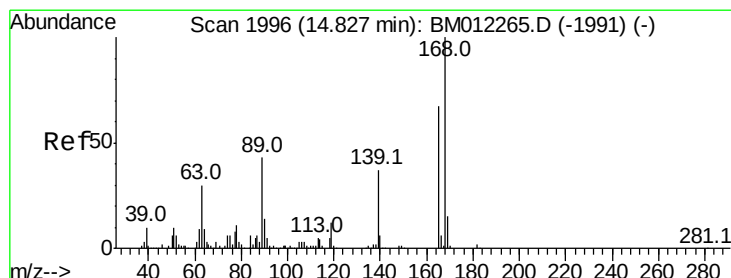
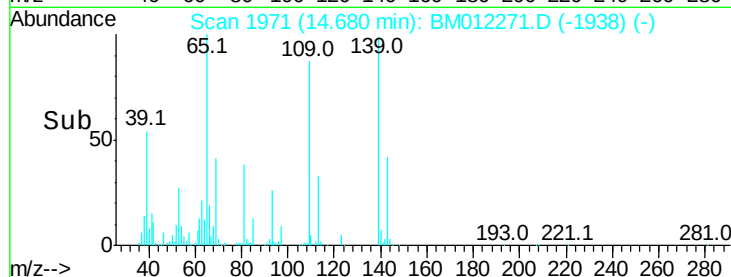
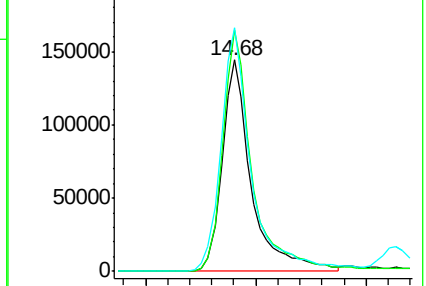
65 115.4 93.1 139.7



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: 32.605 ng/ul

RT: 14.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BM012271.D

Acq: 18 Oct 2017 04:46

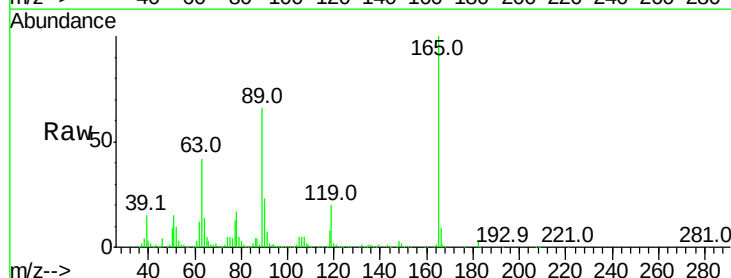
Tgt Ion:165 Resp: 522507

Ion Ratio Lower Upper

165 100

63 41.7 38.7 58.1

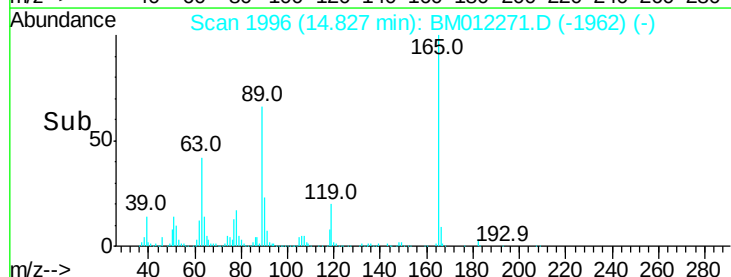
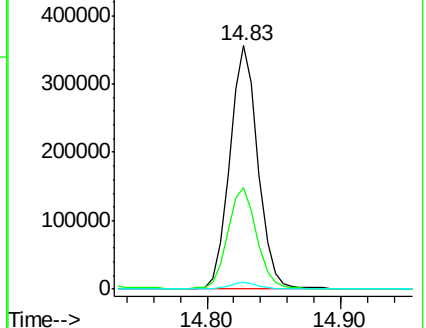
182 2.9 2.6 3.8

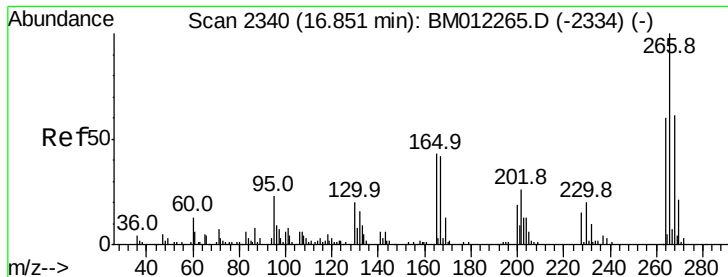


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

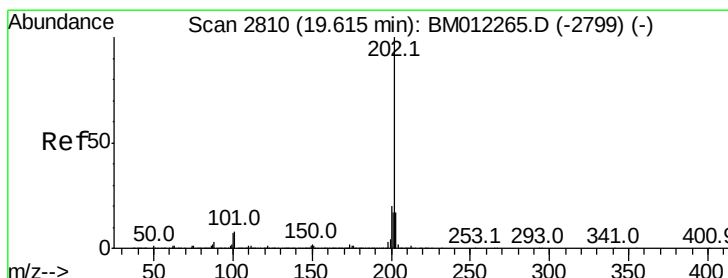
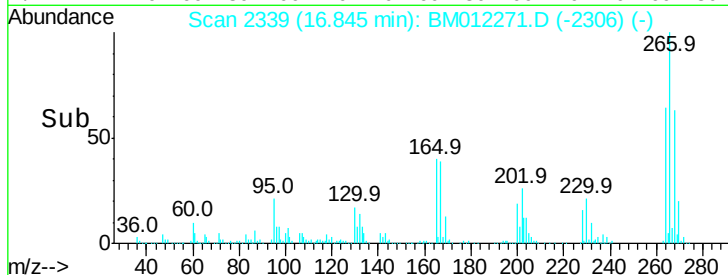
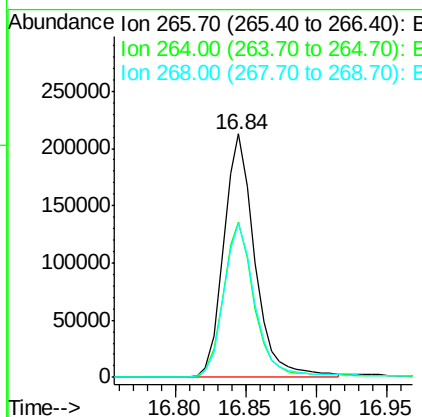
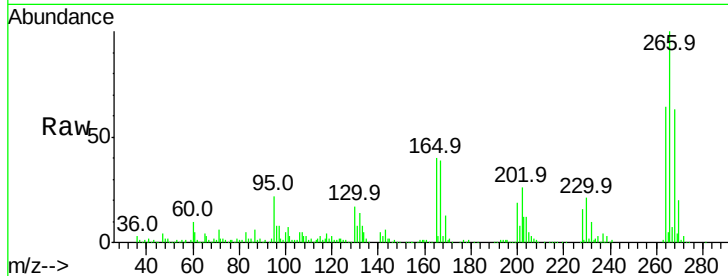




#68
 Pentachlorophenol
 Concen: 40.326 ng/ul
 RT: 16.84 min Scan# 2339
 Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
266	100		
264	63.7	47.3	70.9
268	63.1	52.3	78.5



#77
 Pyrene
 Concen: 40.848 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.00 min
 Lab File: BM012271.D
 Acq: 18 Oct 2017 04:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.5	9.7
100	6.9	5.6	8.4

