

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\
 Data File : BM015613.D
 Acq On : 11 Jun 2018 20:33
 Operator : SJ/JU
 Sample : J3346-15MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 03:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 12 03:10:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	49946	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	248407	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	169524	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.68	188	431978	20.00	ng/ul	0.00
77) Chrysene-d12	21.78	240	571428	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	688510	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	6133	5.97	ng/uL	0.00
5) Phenol-d5	7.48	99	147409	32.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	98064	35.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.86	132	120117	34.65	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	133614	34.21	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	63616	38.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	69174	38.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	132590	35.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	213422	51.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	590762	42.09	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	646323	42.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	104812	38.69	ng/ul	0.00
57) Fluorene-d10	15.94	176	509491	42.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	75359	28.96	ng/ul	0.00
70) Anthracene-d10	17.77	188	822170	41.75	ng/ul	0.00
78) Pyrene-d10	20.03	212	1029159	41.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.04	264	1450249	42.02	ng/ul	0.00

Target Compounds

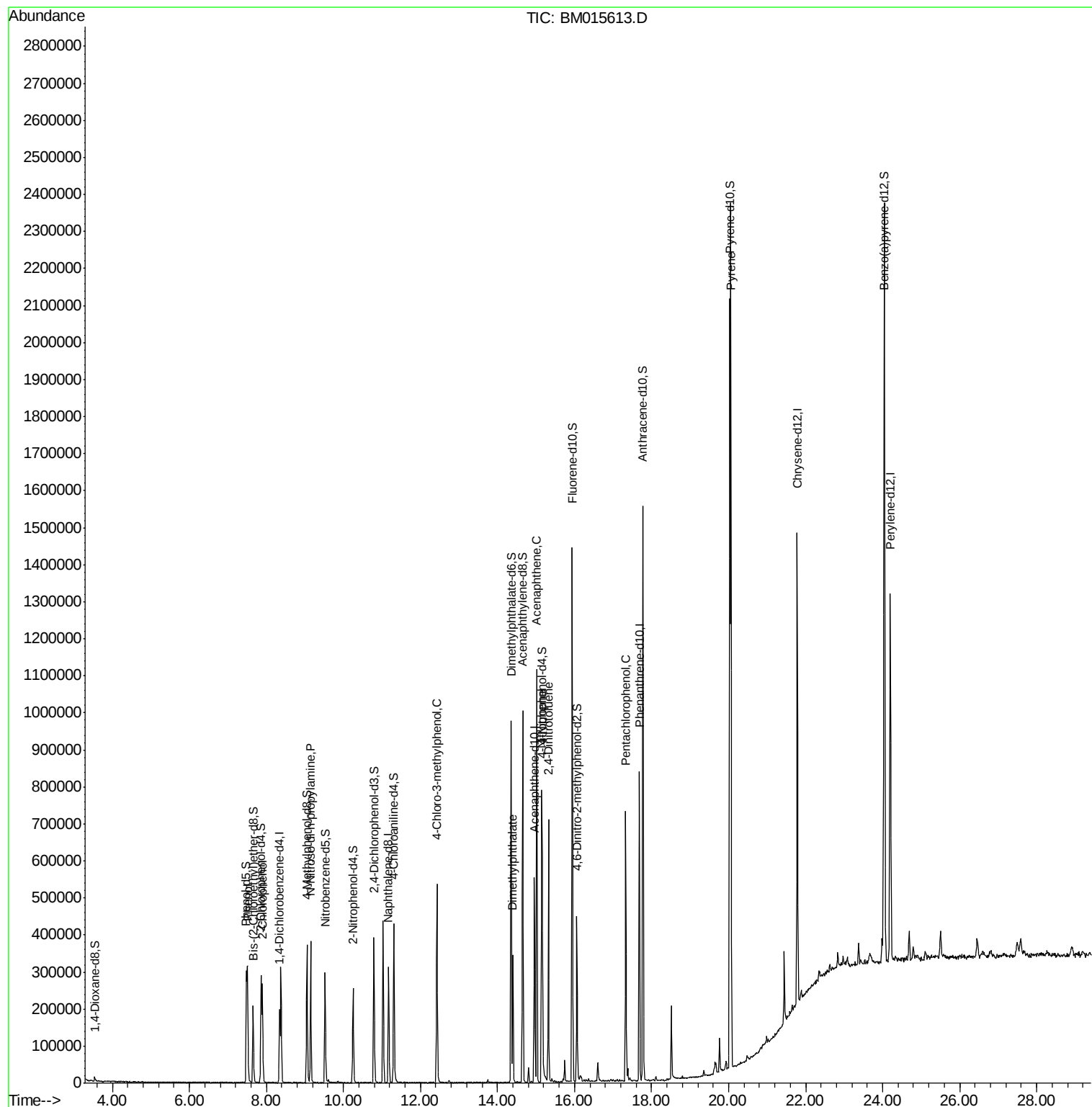
					Ovalue	
6) Phenol	7.51	94	154027	32.701	ng/ul#	83
10) 2-Chlorophenol	7.89	128	110749	30.999	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.15	70	120546	37.278	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.43	107	163742	37.024	ng/ul	98
44) Dimethylphthalate	14.40	163	201285	14.045	ng/ul	99
49) Acenaphthene	15.02	153	433372	37.162	ng/ul	99
52) 4-Nitrophenol	15.16	109	99771	41.515	ng/ul	87
54) 2,4-Dinitrotoluene	15.32	165	161712	39.181	ng/ul#	75
68) Pentachlorophenol	17.33	266	103735	35.138	ng/ul	99
79) Pyrene	20.06	202	1242271	38.753	ng/ul	100

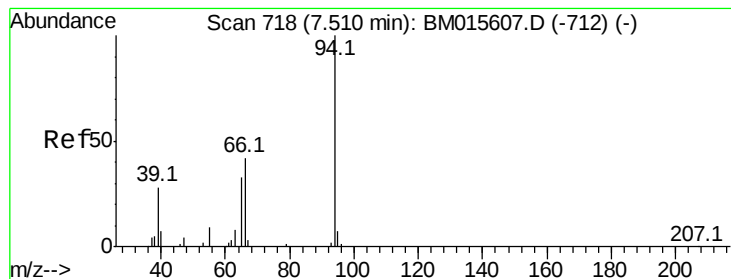
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 12 03:10:28 2018
Response via : Initial Calibration





#6

Phenol

Concen: 32.701 ng/ul

RT: 7.51 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM015613.D

Acq: 11 Jun 2018 20:33

Instrument :

BNA_M

ClientSampleId :

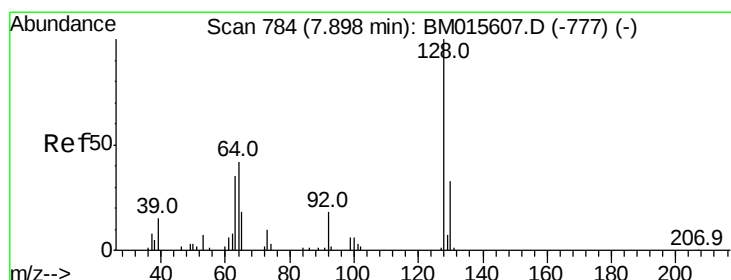
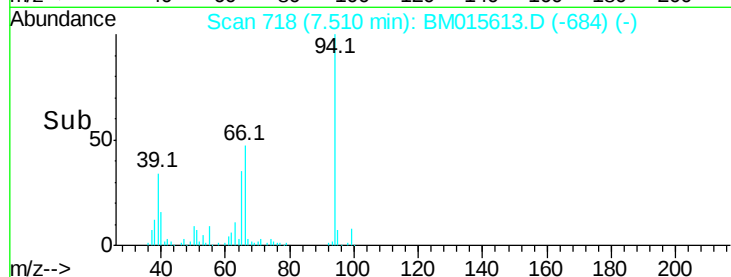
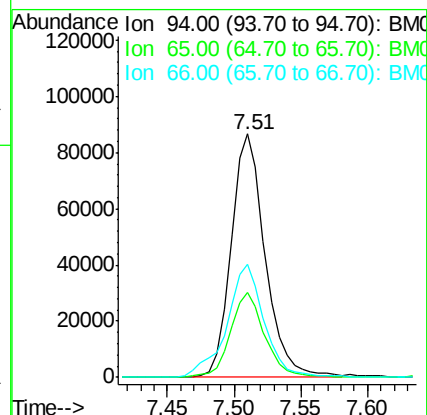
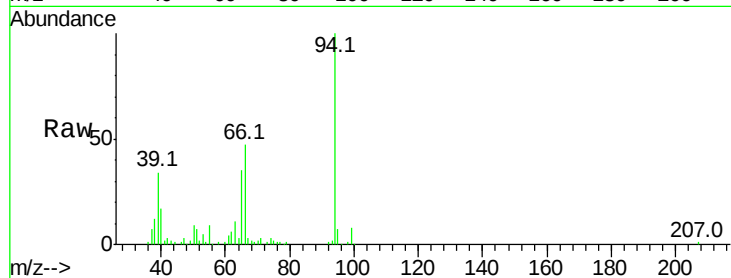
Tot Ion: 94 Resp: 154027

Ion Ratio Lower Upper

94 100

65 34.7 21.0 31.6#

66 46.5 29.3 43.9#



#10

2-Chlorophenol

Concen: 30.999 ng/ul

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BM015613.D

Acq: 11 Jun 2018 20:33

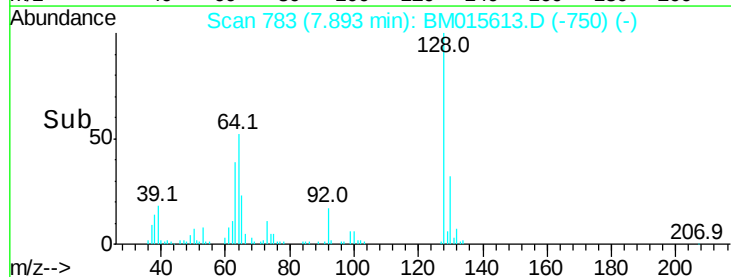
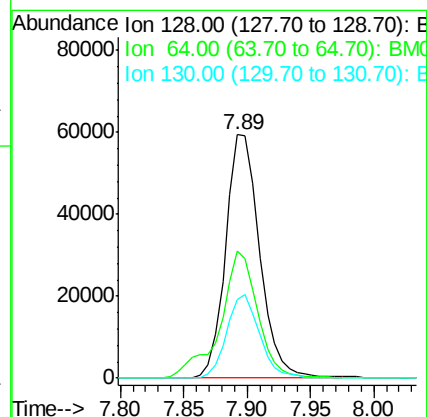
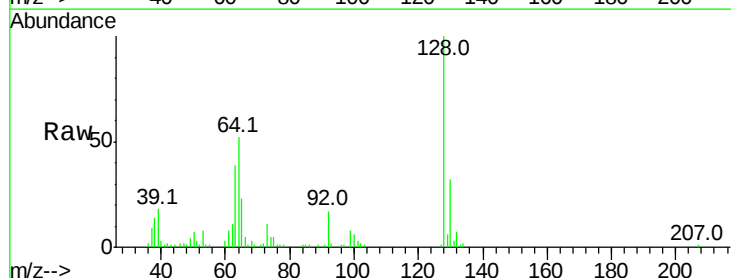
Tgt Ion:128 Resp: 110749

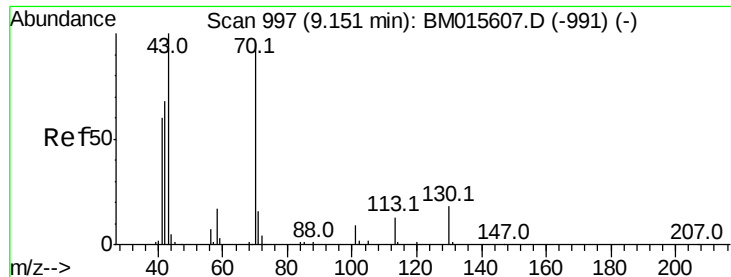
Ion Ratio Lower Upper

128 100

64 52.0 31.9 47.9#

130 32.4 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 37.278 ng/ul

RT: 9.15 min Scan# 997

Delta R.T. 0.00 min

Lab File: BM015613.D

Acq: 11 Jun 2018 20:33

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 120546

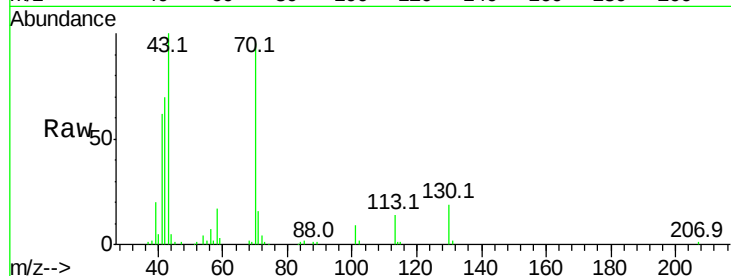
Ion Ratio Lower Upper

70 100

42 73.4 35.4 53.0#

101 9.3 8.4 12.6

130 19.6 18.2 27.4



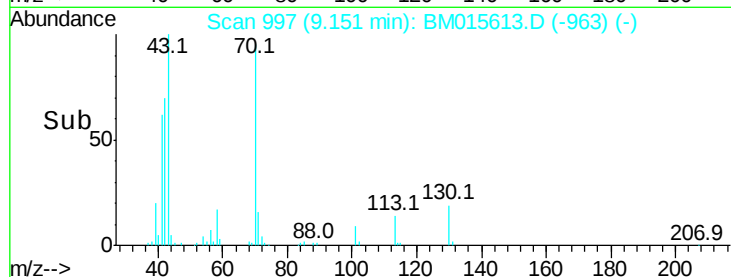
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

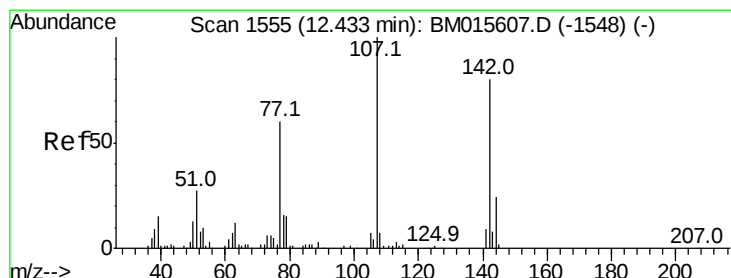
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Time-->



#33

4-Chloro-3-methylphenol

Concen: 37.024 ng/ul

RT: 12.43 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BM015613.D

Acq: 11 Jun 2018 20:33

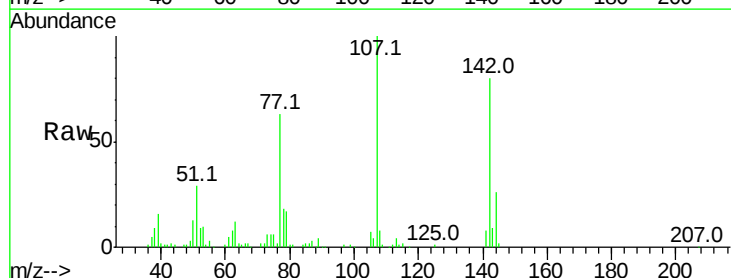
Tgt Ion: 107 Resp: 163742

Ion Ratio Lower Upper

107 100

144 26.3 20.4 30.6

142 80.3 62.5 93.7

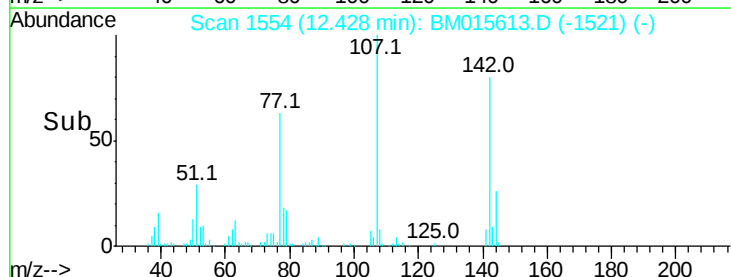


Abundance Ion 107.00 (106.70 to 107.70): E

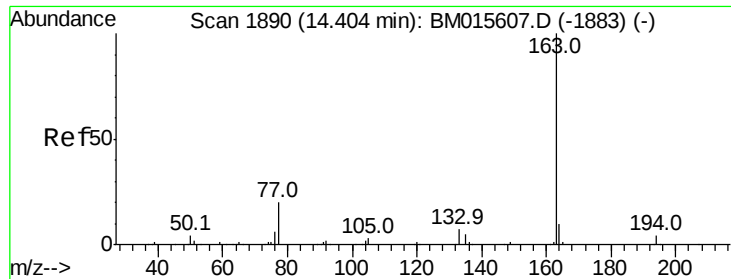
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



#44

Dimethylphthalate

Concen: 14.045 ng/ul

RT: 14.40 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM015613.D

Acq: 11 Jun 2018 20:33

Instrument :

BNA_M

ClientSampleId :

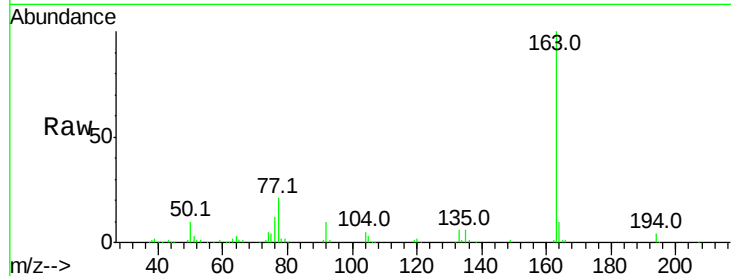
Tot Ion:163 Resp: 201285

Ion Ratio Lower Upper

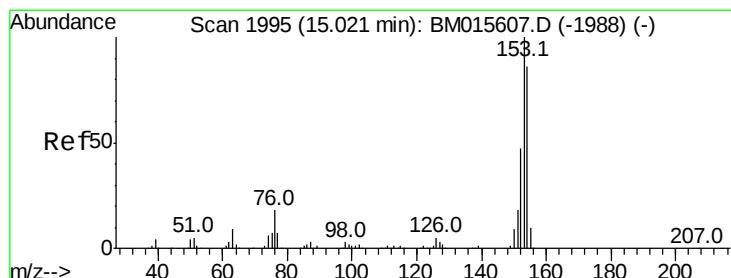
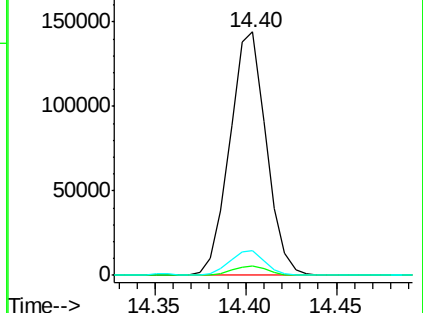
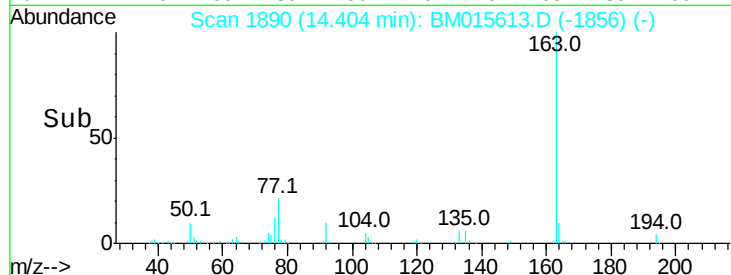
163 100

194 4.0 3.2 4.8

164 10.2 7.8 11.8



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: 37.162 ng/ul

RT: 15.02 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BM015613.D

Acq: 11 Jun 2018 20:33

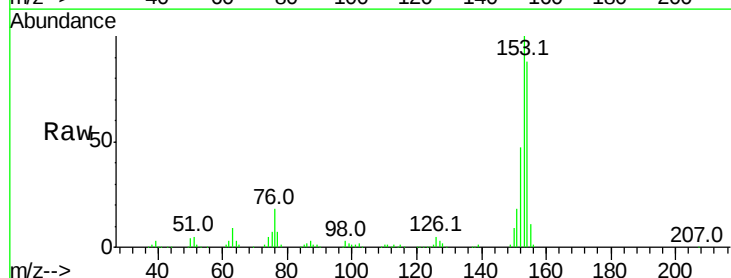
Tgt Ion:153 Resp: 433372

Ion Ratio Lower Upper

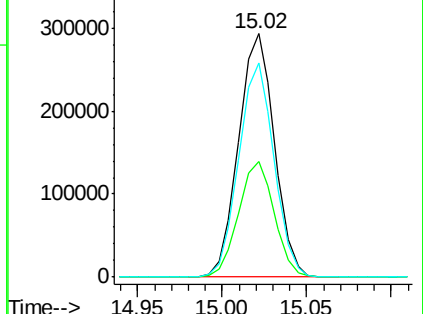
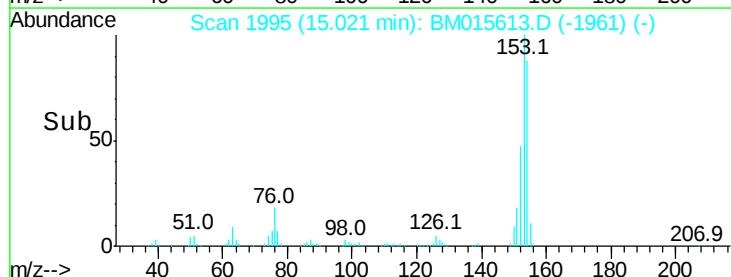
153 100

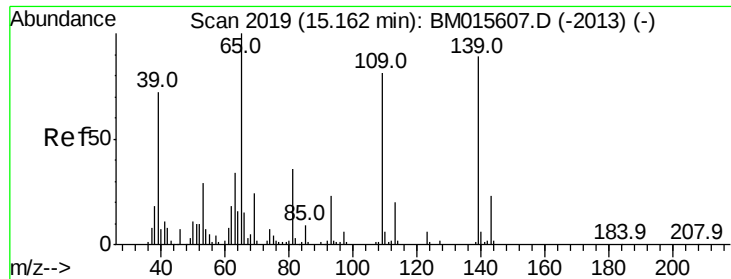
152 47.4 38.3 57.5

154 88.0 71.8 107.8



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

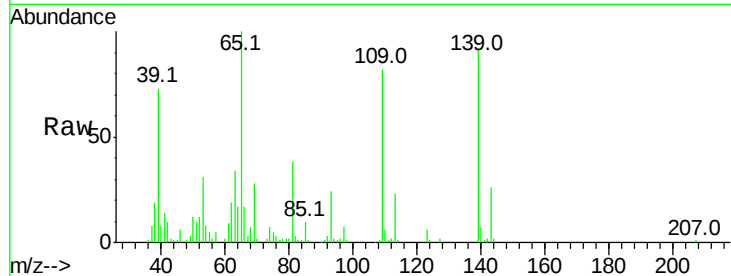




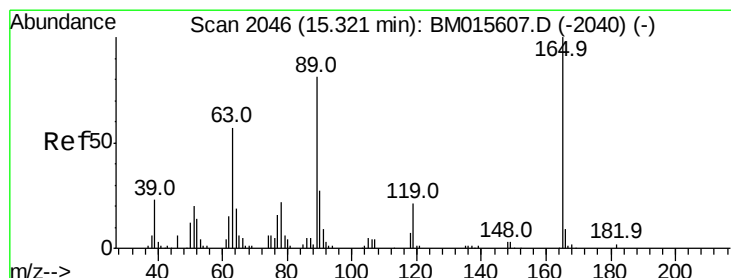
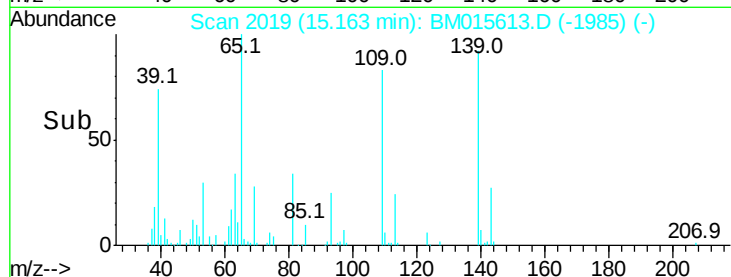
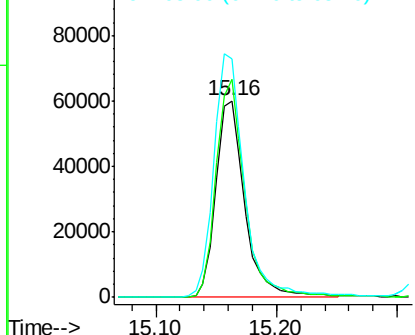
#52
4-Nitrophenol
Concen: 41.515 ng/ul
RT: 15.16 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM015613.D
Acq: 11 Jun 2018 20:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:109 Resp: 99771
Ion Ratio Lower Upper
109 100
139 110.7 103.7 155.5
65 121.4 89.4 134.2

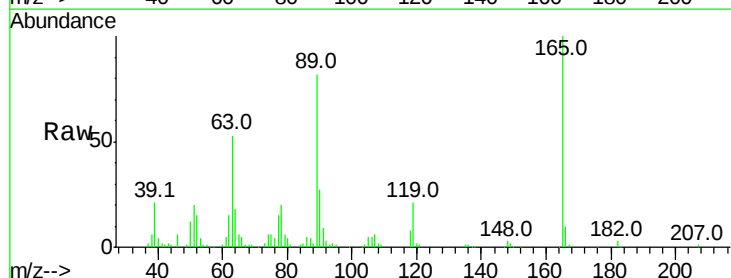


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

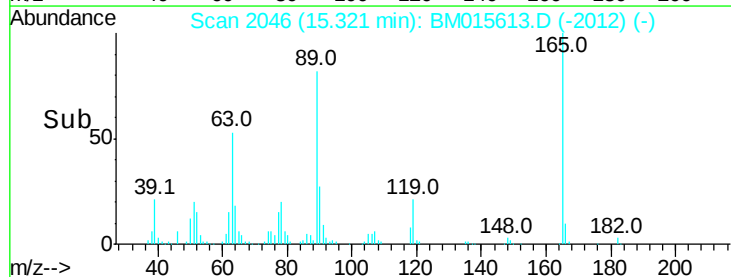
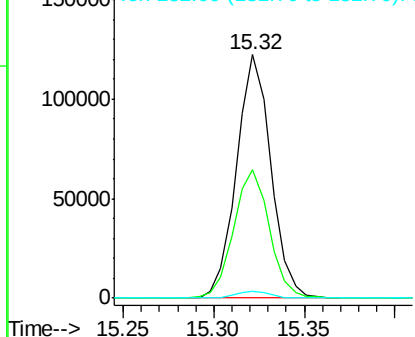


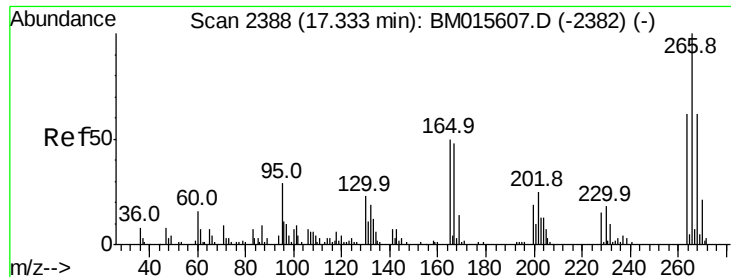
#54
2,4-Dinitrotoluene
Concen: 39.181 ng/ul
RT: 15.32 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BM015613.D
Acq: 11 Jun 2018 20:33

Tgt Ion:165 Resp: 161712
Ion Ratio Lower Upper
165 100
63 52.9 29.8 44.6#
182 2.8 2.2 3.4



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

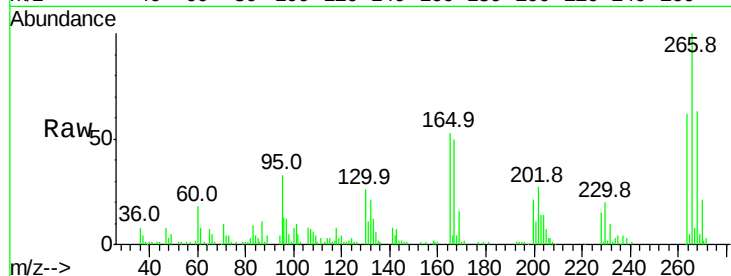




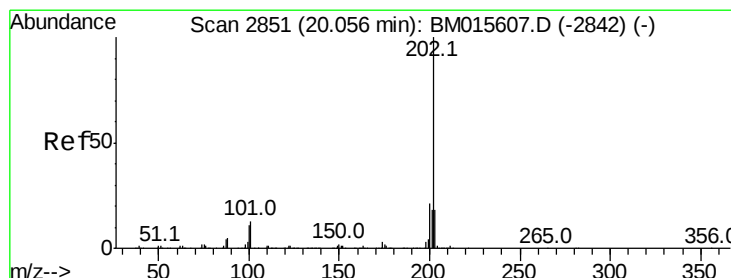
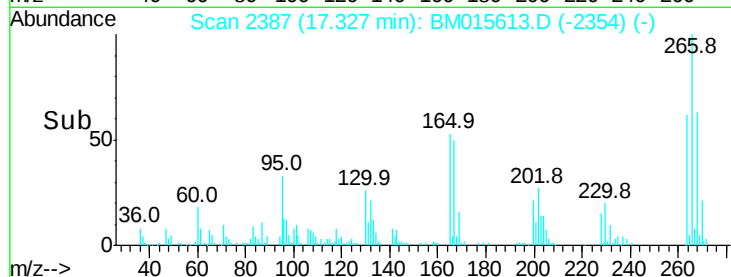
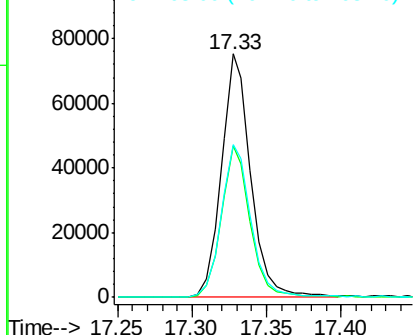
#68
 Pentachlorophenol
 Concen: 35.138 ng/ul
 RT: 17.33 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM015613.D
 Acq: 11 Jun 2018 20:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.5	75.7
268	63.0	50.9	76.3

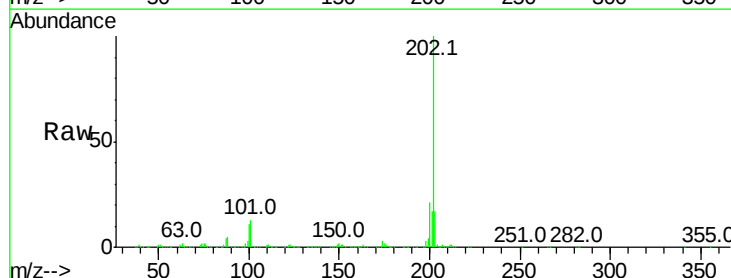


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 38.753 ng/ul
 RT: 20.06 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BM015613.D
 Acq: 11 Jun 2018 20:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.9	8.5	12.7



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

