

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
 Data File : BM020441.D
 Acq On : 20 May 2019 22:46
 Operator : JU/SJ
 Sample : K2853-05MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51B0MS

Quant Time: May 21 07:48:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 07:44:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	92990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	342827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	196464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	464990	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	479780	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	543214	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	12284	4.88	ng/uL	0.00
5) Phenol-d5	6.90	99	190643	25.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	119622	25.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	145948	26.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	138890	25.71	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	64018	28.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	70752	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	141092	27.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	164062	30.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	411369	29.10	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	522735	29.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	39307	19.15	ng/ul	0.00
57) Fluorene-d10	15.38	176	366825	29.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	23551	8.89	ng/ul	0.00
70) Anthracene-d10	17.23	188	570797	28.62	ng/ul	0.00
78) Pyrene-d10	19.53	212	679978	29.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	698930	28.31	ng/ul	-0.01

Target Compounds

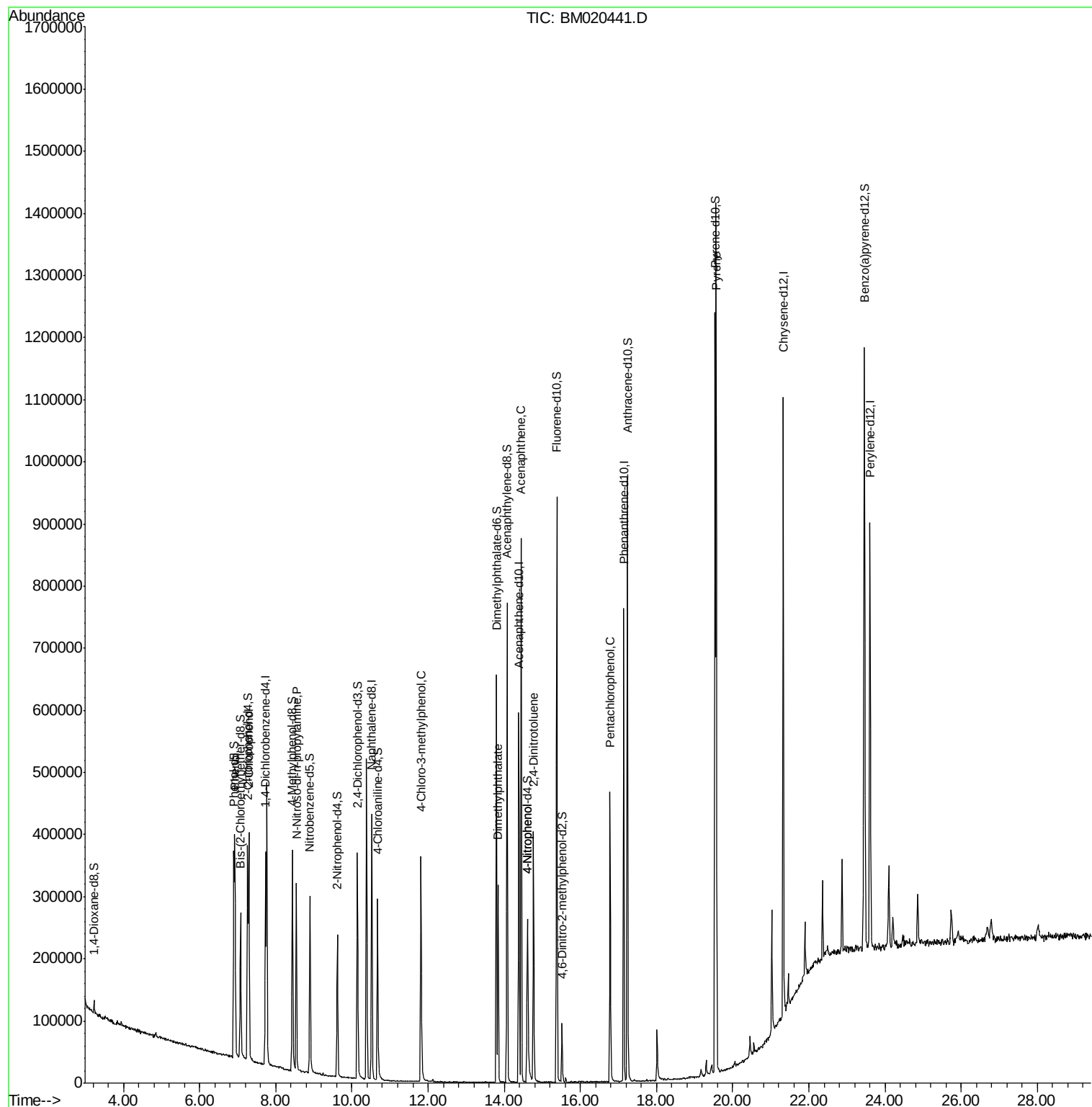
					Ovalue
6) Phenol	6.93	94	205309	26.309	ng/ul 94
10) 2-Chlorophenol	7.29	128	147126	26.498	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.54	70	140944	26.778	ng/ul 98
33) 4-Chloro-3-methylphenol	11.81	107	147780	28.891	ng/ul 93
44) Dimethylphthalate	13.84	163	190648	13.634	ng/ul 99
49) Acenaphthene	14.45	153	339711	29.637	ng/ul 100
52) 4-Nitrophenol	14.62	109	43933	20.476	ng/ul 96
54) 2,4-Dinitrotoluene	14.77	165	105048	28.124	ng/ul 95
68) Pentachlorophenol	16.78	266	91885	26.558	ng/ul 96
79) Pyrene	19.57	202	861827	29.927	ng/ul 100

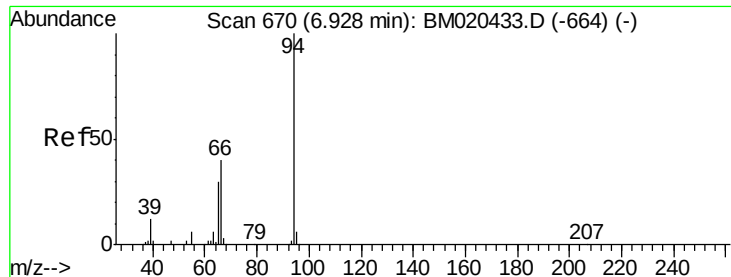
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 26.309 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

A51B0MS

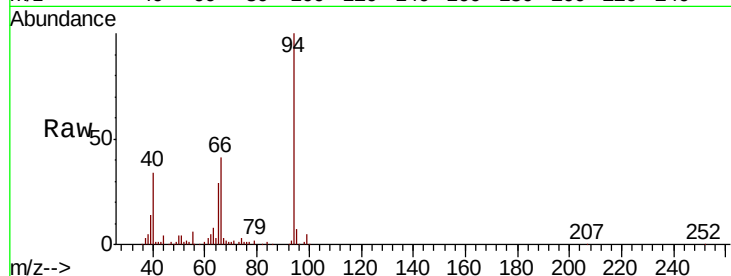
Tot Ion: 94 Resp: 205309

Ion Ratio Lower Upper

94 100

65 28.8 25.4 38.0

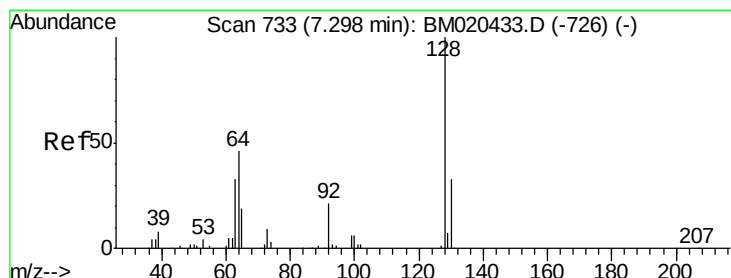
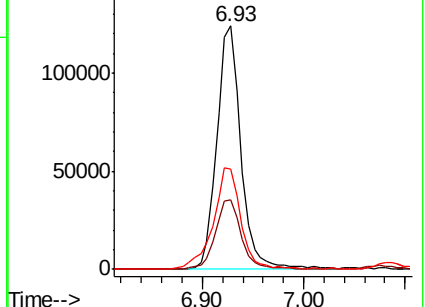
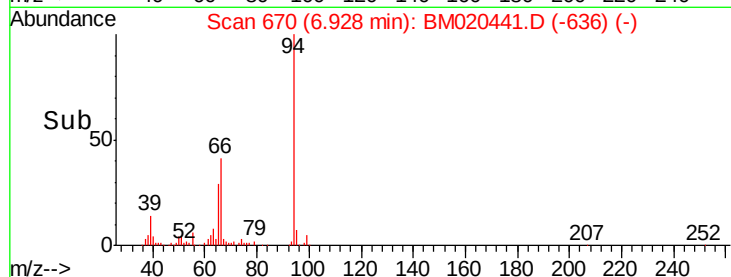
66 41.1 36.5 54.7



Abundance Ion 94.00 (93.70 to 94.70): BM020441.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM020441.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM020441.D (-636) (-)



#10

2-Chlorophenol

Concen: 26.498 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

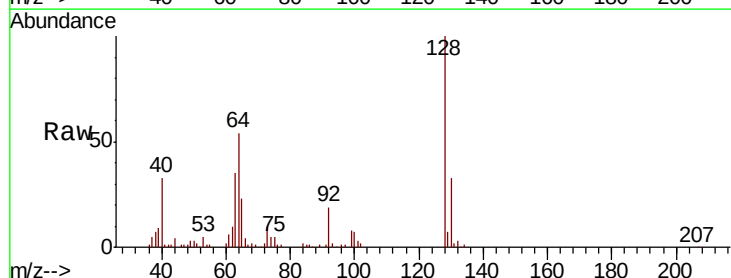
Tgt Ion: 128 Resp: 147126

Ion Ratio Lower Upper

128 100

64 54.4 40.6 60.8

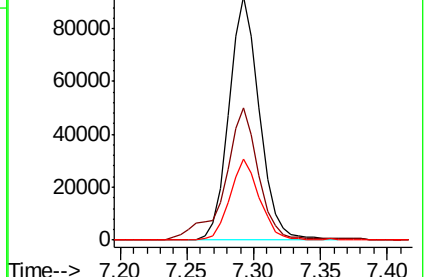
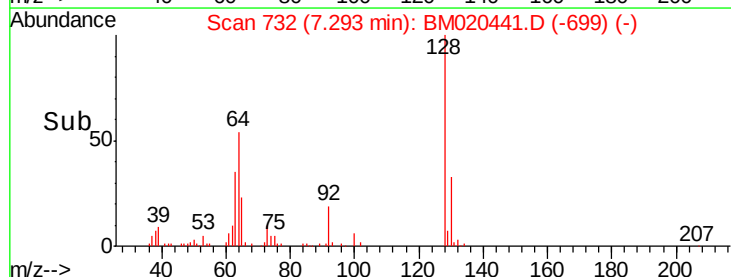
130 33.3 25.1 37.7

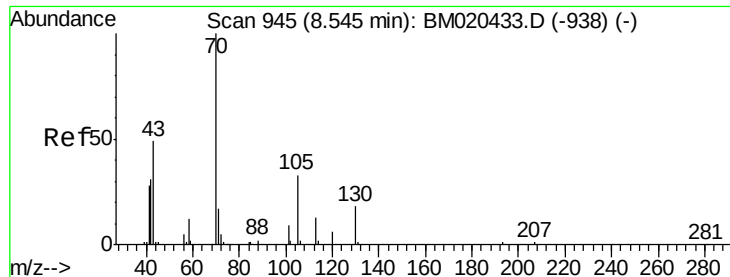


Abundance Ion 128.00 (127.70 to 128.70): BM020441.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM020441.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM020441.D (-699) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 26.778 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

A51B0MS

Tot Ion: 70 Resp: 140944

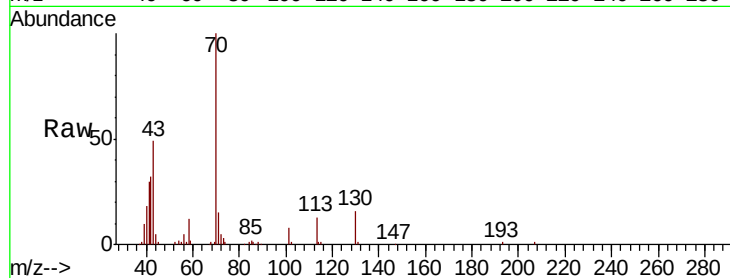
Ion Ratio Lower Upper

70 100

42 31.7 26.5 39.7

101 8.4 7.2 10.8

130 16.2 12.9 19.3

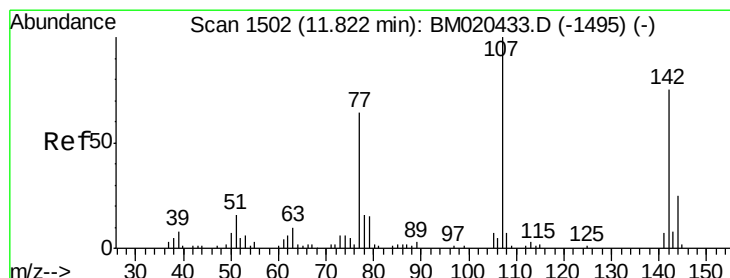
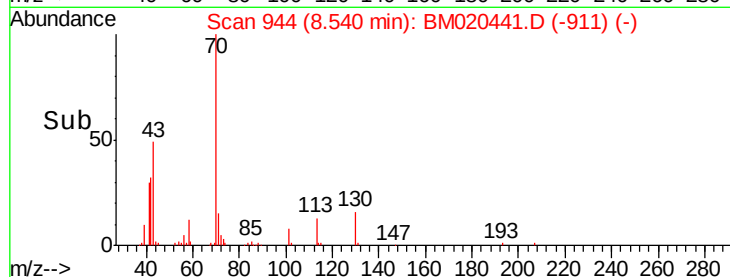
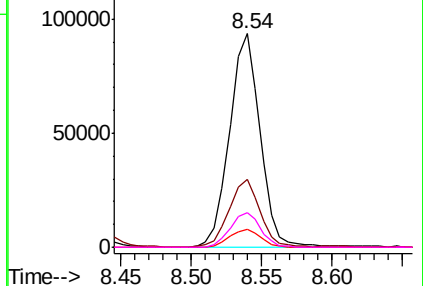


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 28.891 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

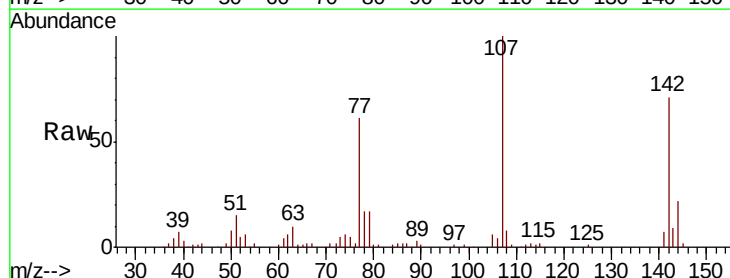
Tgt Ion:107 Resp: 147780

Ion Ratio Lower Upper

107 100

144 22.0 21.2 31.8

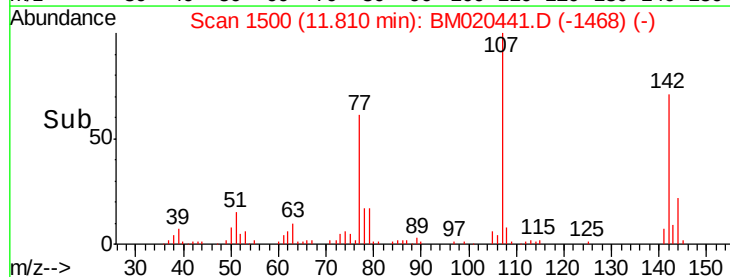
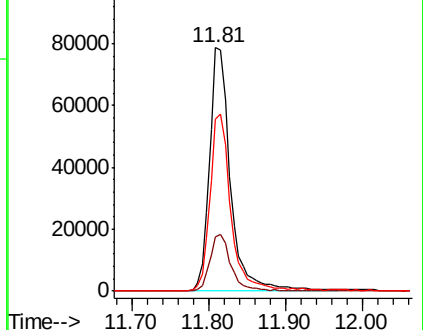
142 70.7 61.3 91.9

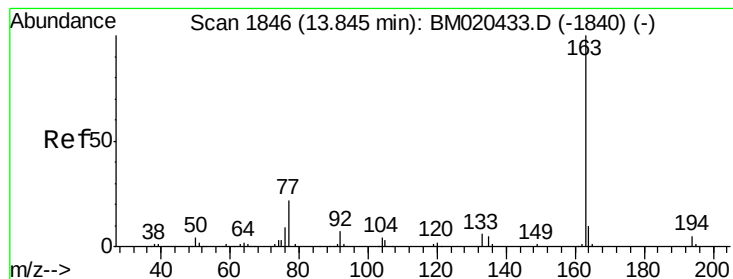


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 13.634 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

A51B0MS

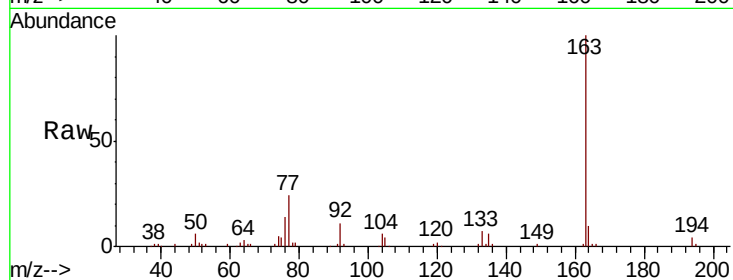
Tot Ion:163 Resp: 190648

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

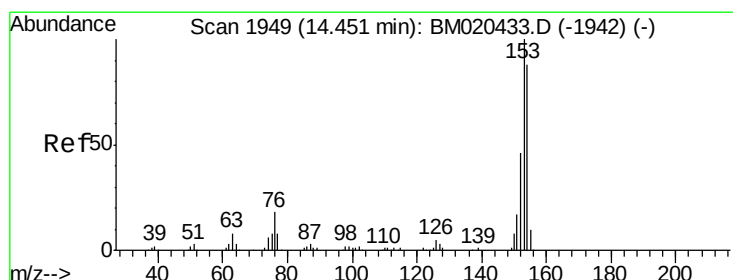
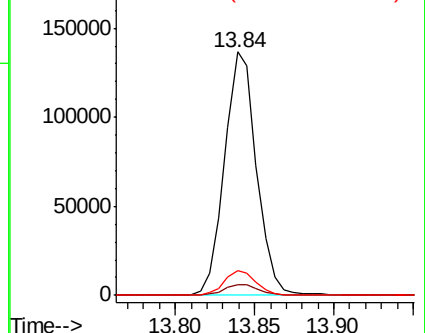
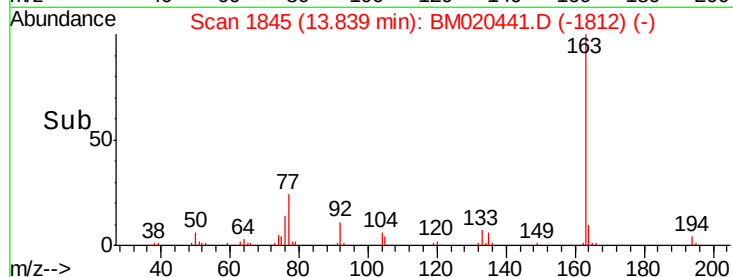
164 10.2 8.0 12.0



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: 29.637 ng/ul

RT: 14.45 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

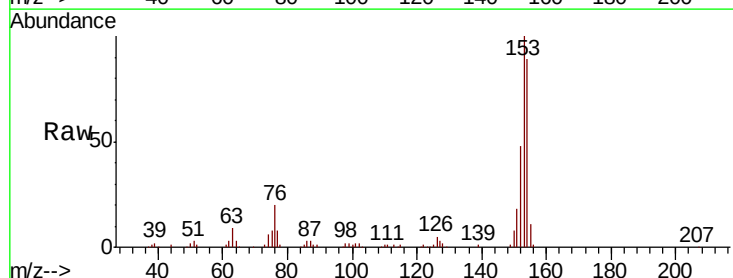
Tgt Ion:153 Resp: 339711

Ion Ratio Lower Upper

153 100

152 47.5 37.9 56.9

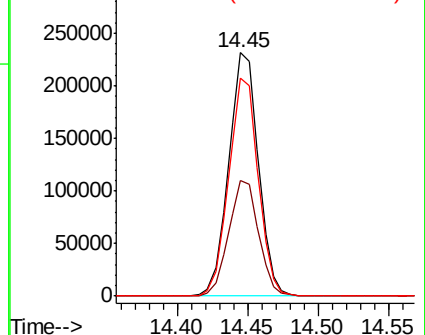
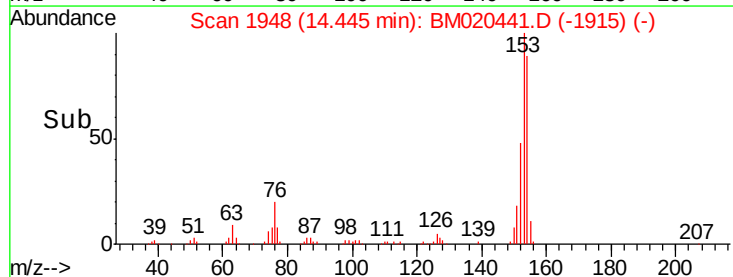
154 89.4 71.2 106.8

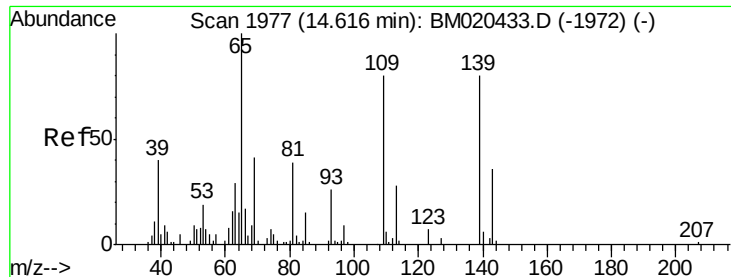


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.476 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

Instrument :

BNA_M

ClientSampleId :

A51B0MS

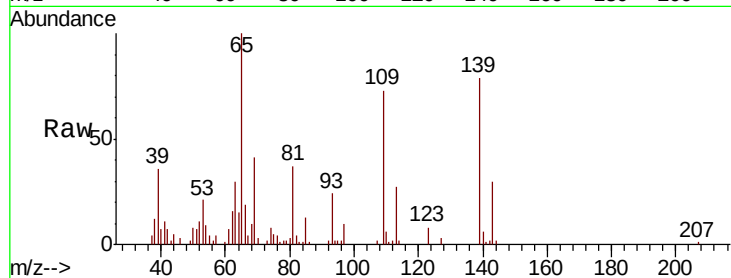
Tot Ion:109 Resp: 43933

Ion Ratio Lower Upper

109 100

139 107.6 78.2 117.2

65 136.7 109.4 164.0

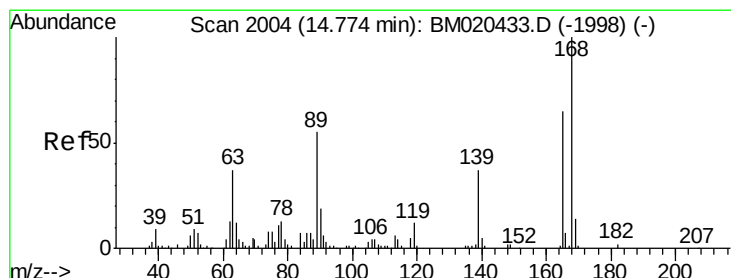
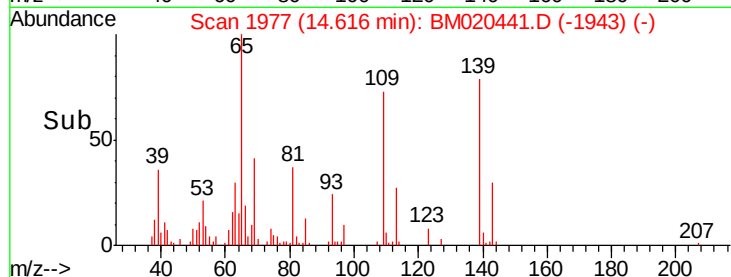
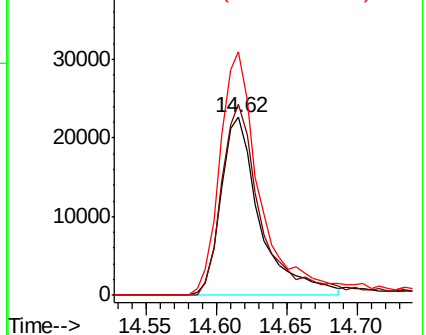


Abundance

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: 28.124 ng/ul

RT: 14.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BM020441.D

Acq: 20 May 2019 22:46

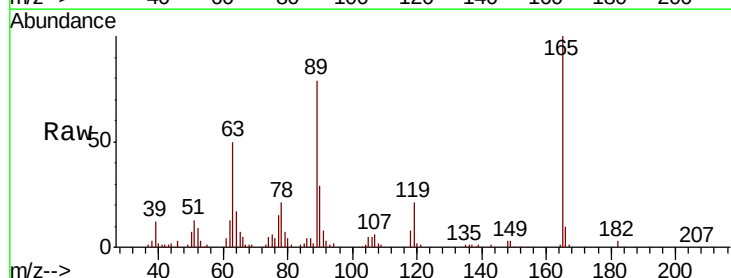
Tgt Ion:165 Resp: 105048

Ion Ratio Lower Upper

165 100

63 50.1 43.2 64.8

182 2.9 2.6 4.0

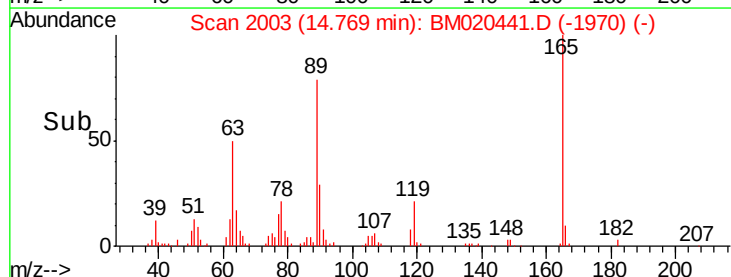
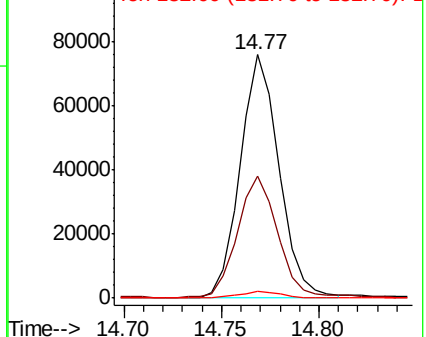


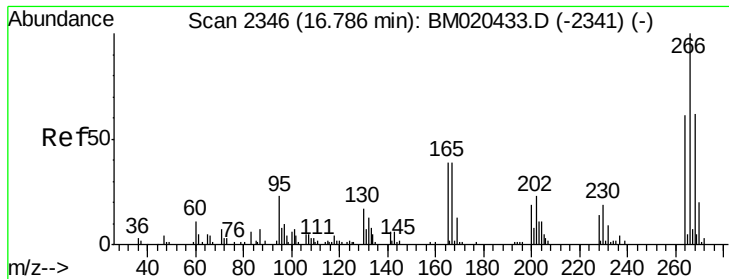
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

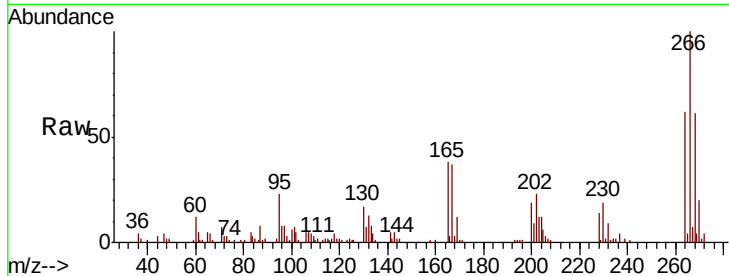




#68
 Pentachlorophenol
 Concen: 26.558 ng/ul
 RT: 16.78 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BM020441.D
 Acq: 20 May 2019 22:46

Instrument :
 BNA_M
 ClientSampleId :
 A51B0MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.4	47.4	71.2
268	61.1	51.2	76.8

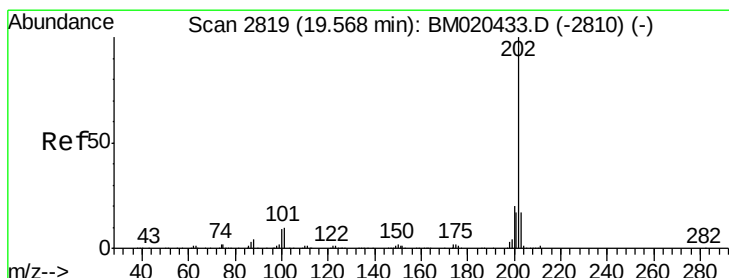
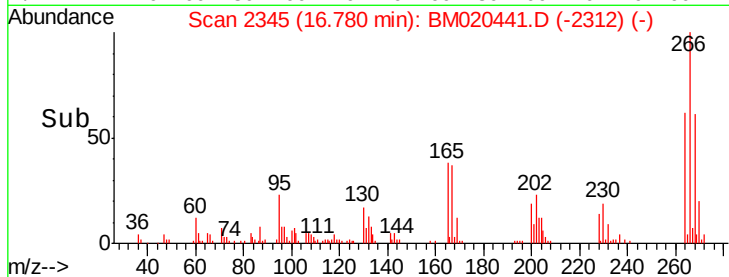
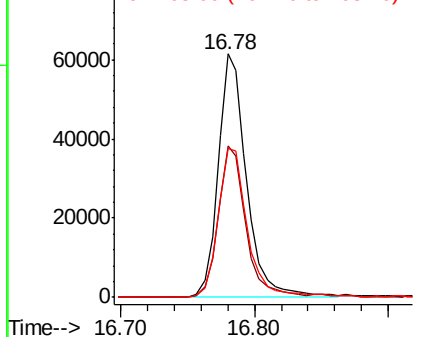


Abundance

Ion 265.70 (265.40 to 266.40): E

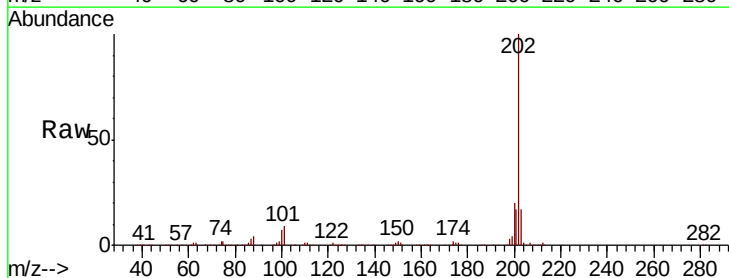
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 29.927 ng/ul
 RT: 19.57 min Scan# 2819
 Delta R.T. 0.00 min
 Lab File: BM020441.D
 Acq: 20 May 2019 22:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.1	10.7
100	7.5	5.9	8.9



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): E

