

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021464.D
 Acq On : 16 Jul 2019 10:42
 Operator : HP/JU
 Sample : K3760-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8X2MS

Quant Time: Jul 16 11:53:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	173657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	705973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	413433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	944355	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	858674	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	978650	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	22576	6.40	ng/uL	0.00
5) Phenol-d5	6.90	99	83448	6.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	227183	28.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	268116	23.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	162761	15.13	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	170065	29.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	184922	28.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	338514	25.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	27340	2.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	1185442	32.74	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1372540	30.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	18662	3.25	ng/ul	0.00
57) Fluorene-d10	15.37	176	1035304	32.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	139115	21.91	ng/ul	0.00
70) Anthracene-d10	17.22	188	1615586	32.94	ng/ul	0.00
78) Pyrene-d10	19.52	212	1766711	37.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1891503	33.61	ng/ul	0.00

Target Compounds

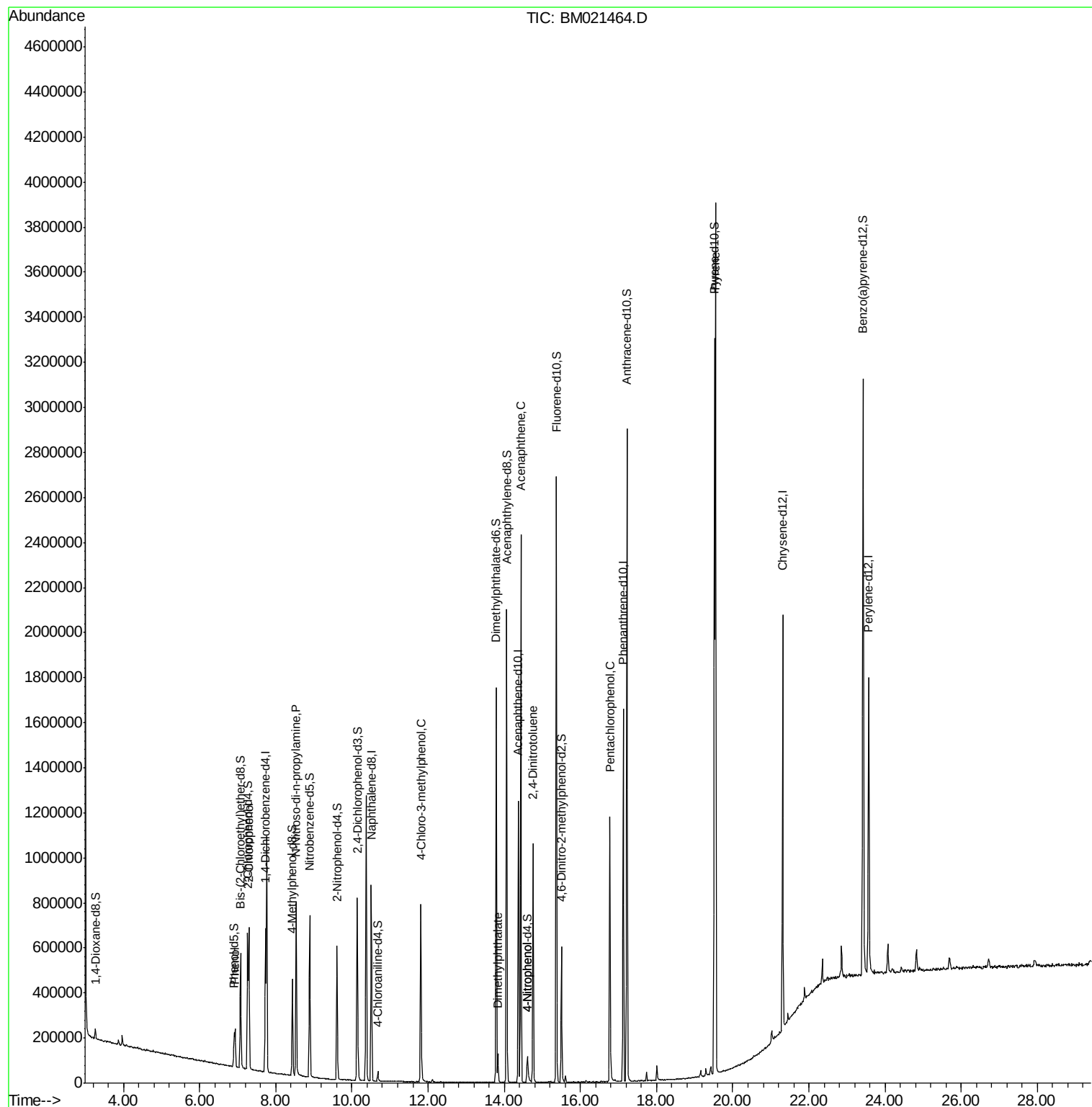
					Ovalue
6) Phenol	6.93	94	90117	6.973	ng/ul 99
10) 2-Chlorophenol	7.29	128	271642	24.320	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	278434	34.277	ng/ul 98
33) 4-Chloro-3-methylphenol	11.81	107	297143	26.610	ng/ul 98
44) Dimethylphthalate	13.83	163	84813	2.515	ng/ul 99
49) Acenaphthene	14.43	153	978936	34.061	ng/ul 100
52) 4-Nitrophenol	14.61	109	19753	4.622	ng/ul 91
54) 2,4-Dinitrotoluene	14.76	165	305443	32.436	ng/ul 96
68) Pentachlorophenol	16.77	266	242516	33.119	ng/ul 99
79) Pyrene	19.55	202	2285446	40.216	ng/ul 100

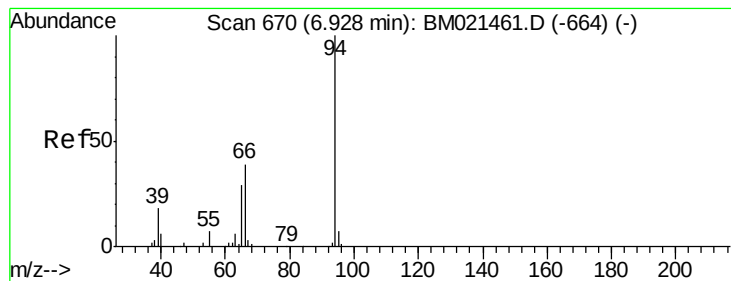
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.973 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021464.D

Acq: 16 Jul 2019 10:42

Instrument :

BNA_M

ClientSampleId :

DB8X2MS

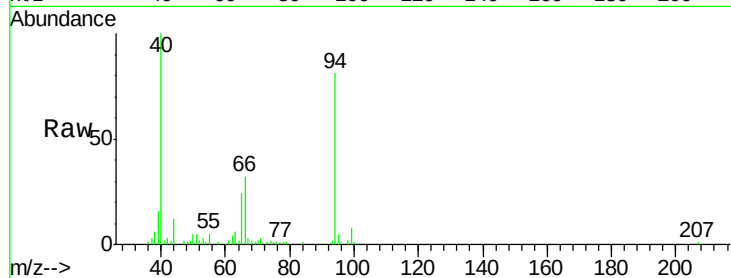
Tot Ion: 94 Resp: 90117

Ion Ratio Lower Upper

94 100

65 29.8 23.0 34.6

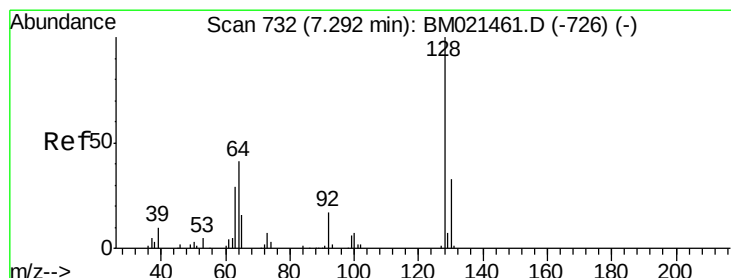
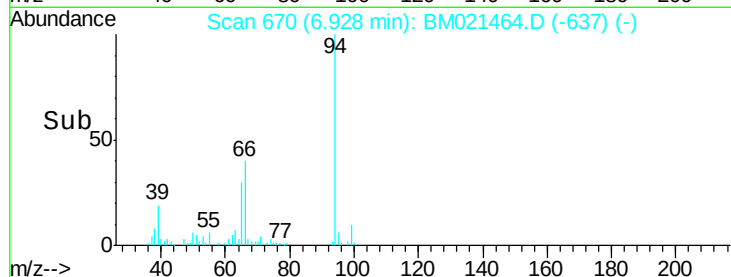
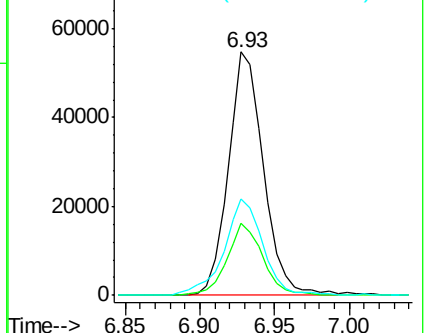
66 39.7 31.6 47.4



Abundance Ion 94.00 (93.70 to 94.70): BM021464.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM021464.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM021464.D (-664) (-)



#10

2-Chlorophenol

Concen: 24.320 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM021464.D

Acq: 16 Jul 2019 10:42

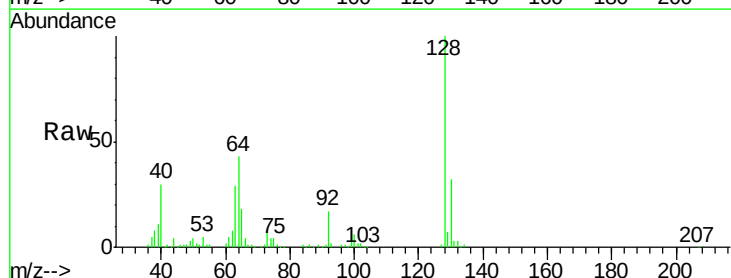
Tgt Ion:128 Resp: 271642

Ion Ratio Lower Upper

128 100

64 43.3 34.4 51.6

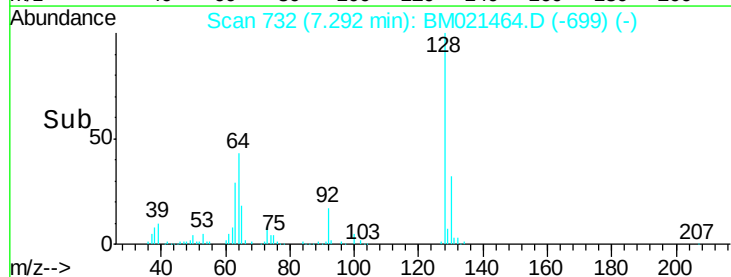
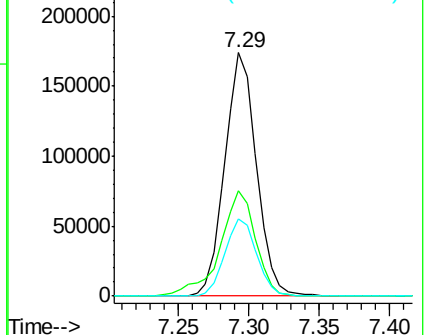
130 31.8 26.9 40.3

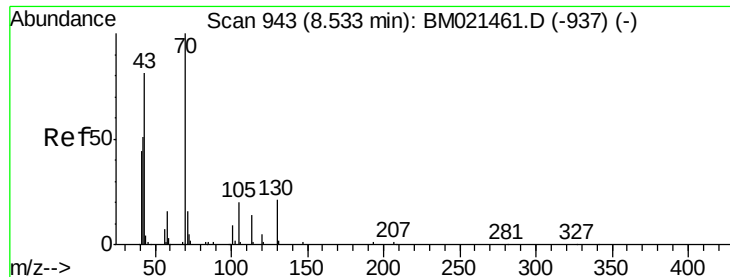


Abundance Ion 128.00 (127.70 to 128.70): BM021464.D (-726) (-)

Ion 64.00 (63.70 to 64.70): BM021464.D (-726) (-)

Ion 130.00 (129.70 to 130.70): BM021464.D (-726) (-)

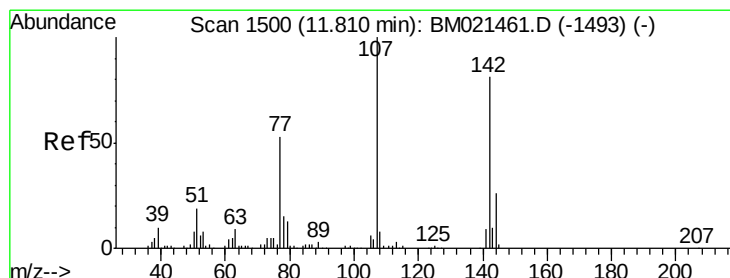
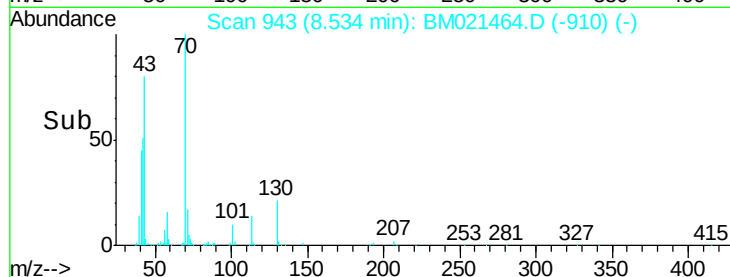
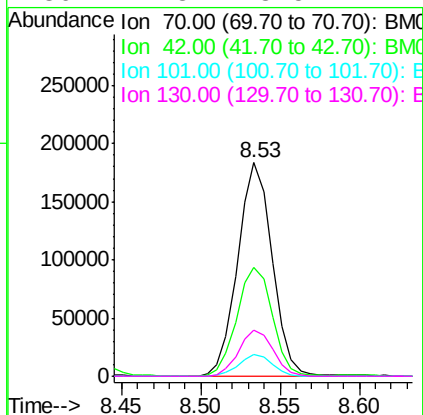
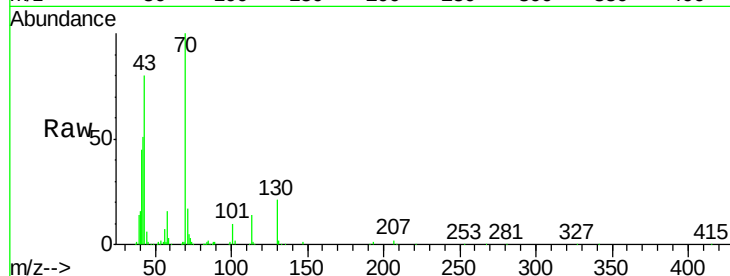




#15
N-Nitroso-di-n-propylamine
Concen: 34.277 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM021464.D
Acq: 16 Jul 2019 10:42

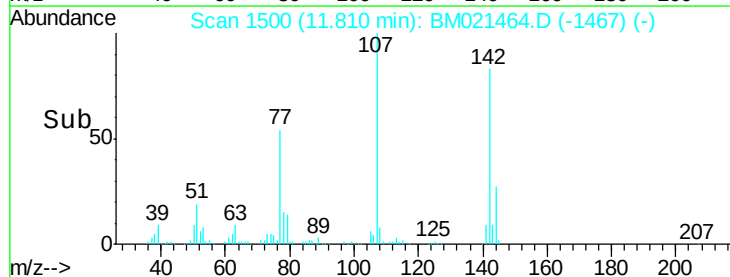
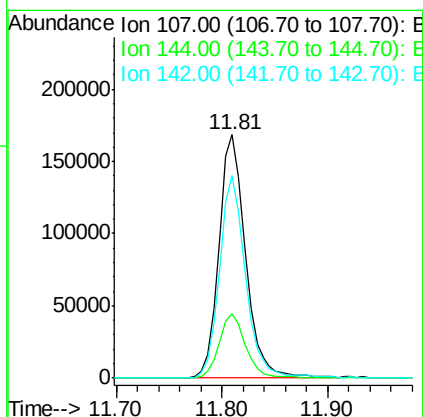
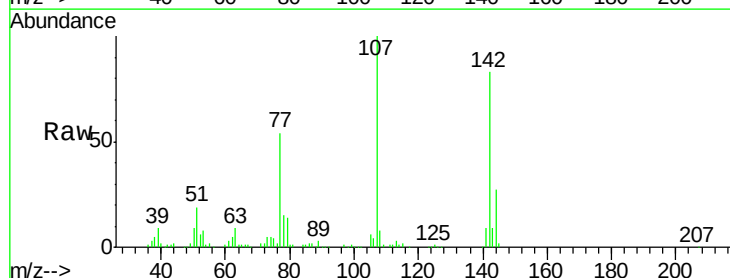
Instrument :
BNA_M
ClientSampleId :
DB8X2MS

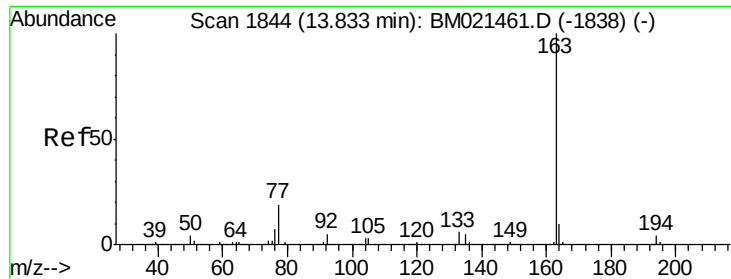
Tot Ion:	70	Resp:	278434
Ion	Ratio	Lower	Upper
70	100		
42	50.9	39.9	59.9
101	9.9	7.6	11.4
130	21.3	18.5	27.7



#33
4-Chloro-3-methylphenol
Concen: 26.610 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BM021464.D
Acq: 16 Jul 2019 10:42

Tgt Ion:	107	Resp:	297143
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.4	32.2
142	83.5	64.7	97.1





#44

Dimethylphthalate

Concen: 2.515 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM021464.D

Acq: 16 Jul 2019 10:42

Instrument :

BNA_M

ClientSampleId :

DB8X2MS

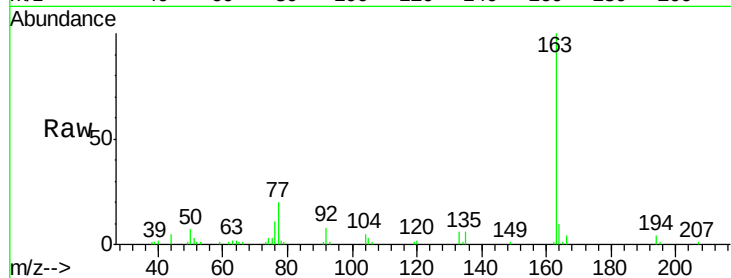
Tot Ion:163 Resp: 84813

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

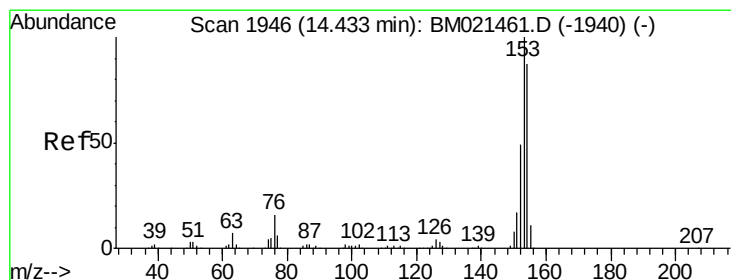
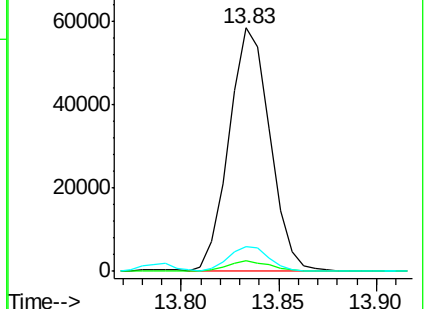
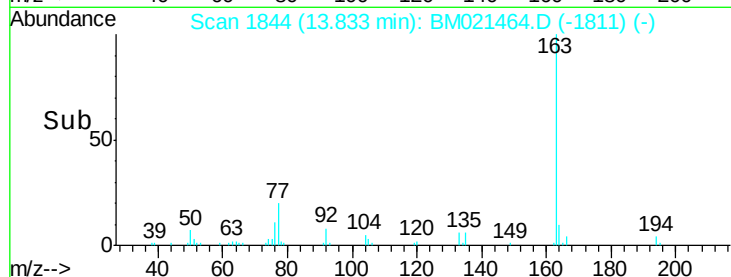
164 10.0 8.3 12.5



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: 34.061 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM021464.D

Acq: 16 Jul 2019 10:42

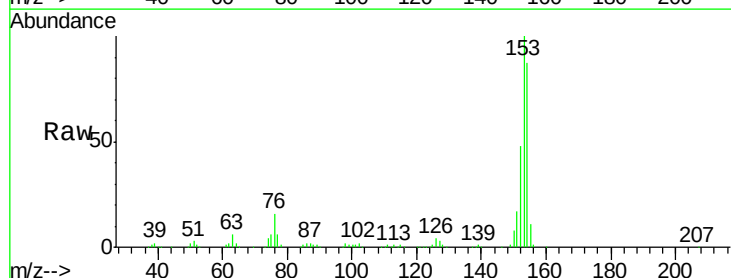
Tgt Ion:153 Resp: 978936

Ion Ratio Lower Upper

153 100

152 48.2 38.2 57.4

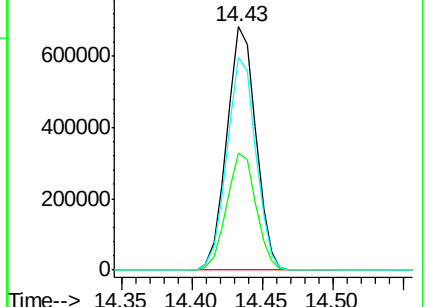
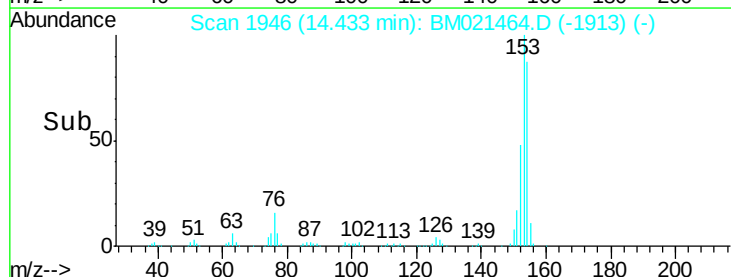
154 87.4 70.0 105.0

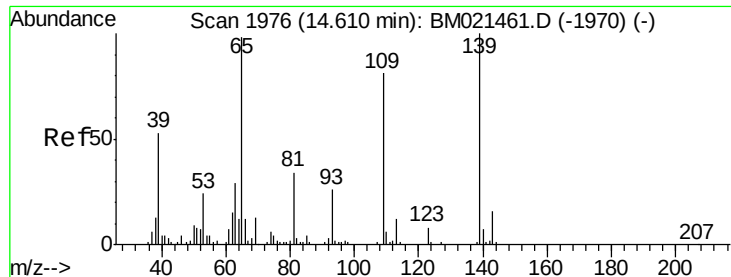


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 4.622 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM021464.D

Acq: 16 Jul 2019 10:42

Instrument :

BNA_M

ClientSampleId :

DB8X2MS

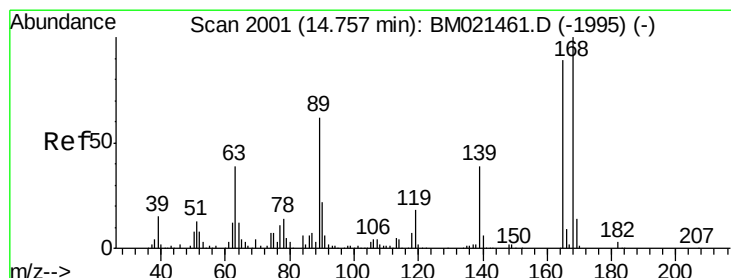
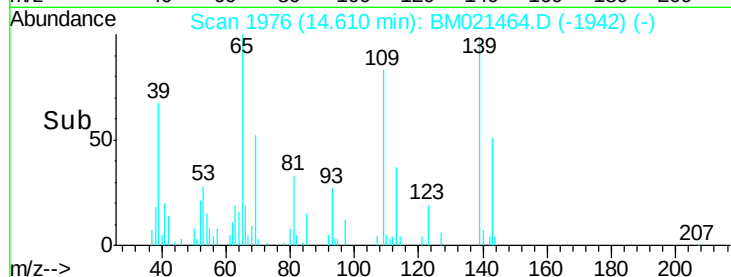
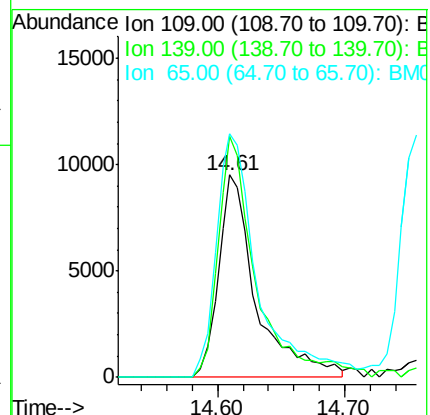
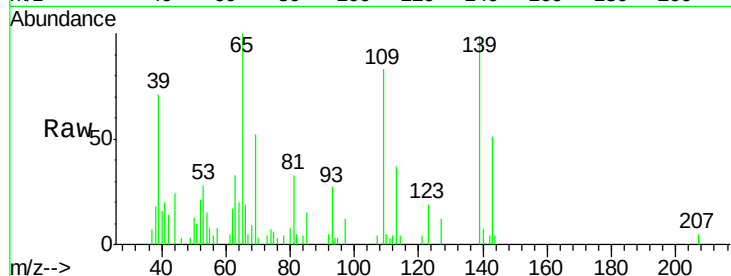
Tot Ion:109 Resp: 19753

Ion Ratio Lower Upper

109 100

139 119.3 107.6 161.4

65 120.3 101.0 151.6



#54

2,4-Dinitrotoluene

Concen: 32.436 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BM021464.D

Acq: 16 Jul 2019 10:42

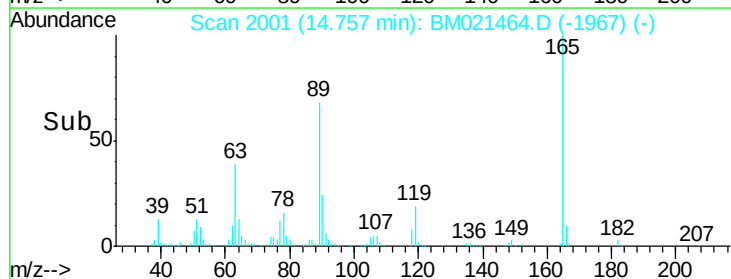
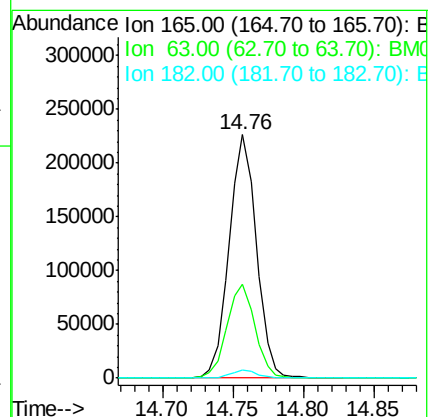
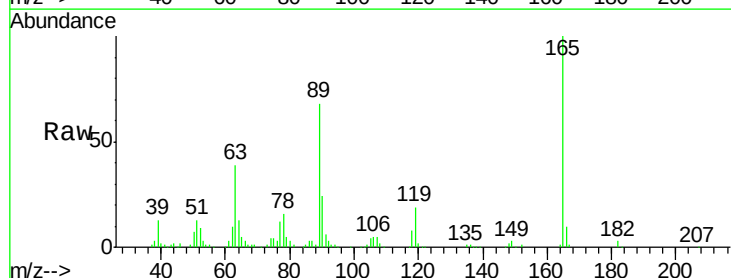
Tgt Ion:165 Resp: 305443

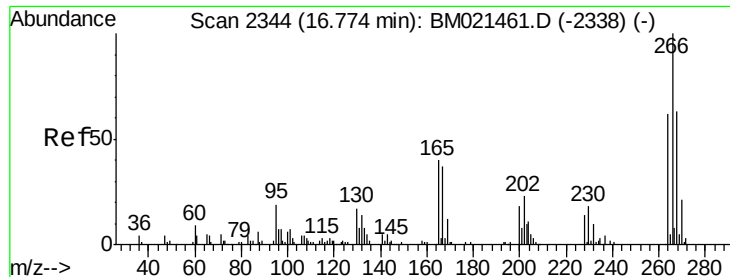
Ion Ratio Lower Upper

165 100

63 38.6 33.1 49.7

182 3.3 2.2 3.4

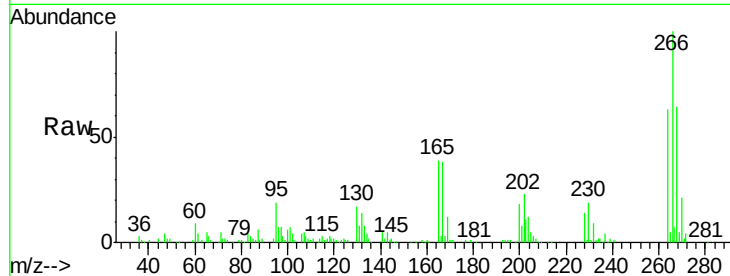




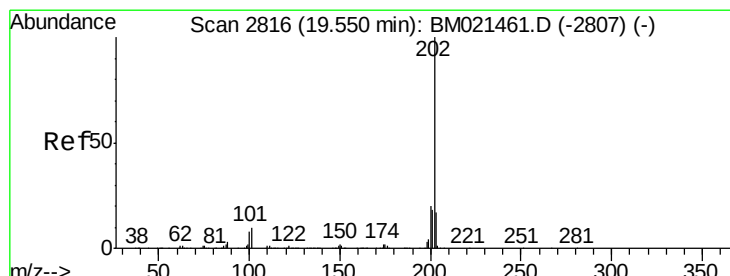
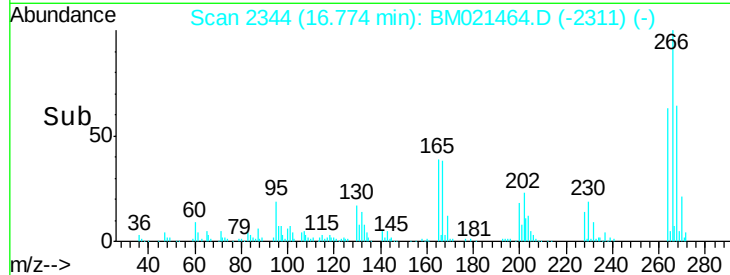
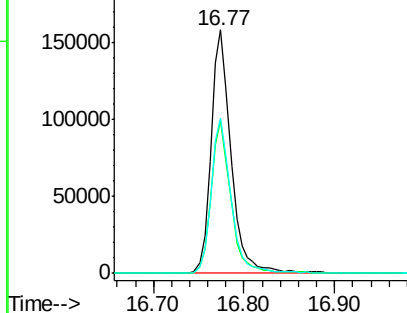
#68
Pentachlorophenol
 Concen: 33.119 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BM021464.D
 Acq: 16 Jul 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 DB8X2MS

Tot Ion:	266	Resp:	242516
Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.2	73.8
268	63.5	50.6	76.0

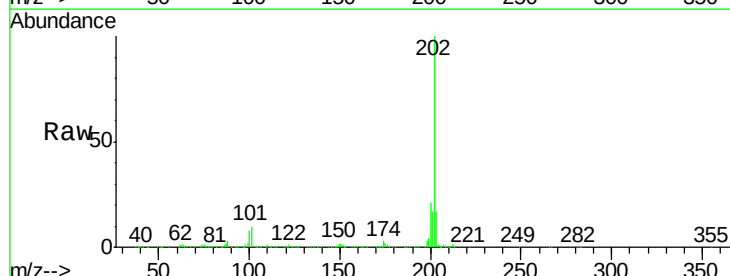


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
Pyrene
 Concen: 40.216 ng/ul
 RT: 19.55 min Scan# 2816
 Delta R.T. -0.00 min
 Lab File: BM021464.D
 Acq: 16 Jul 2019 10:42

Tgt Ion:	202	Resp:	2285446
Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
100	8.0	6.4	9.6



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

