

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021489.D
 Acq On : 17 Jul 2019 10:20
 Operator : HP/JU
 Sample : K3772-23MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52M0MS

Quant Time: Jul 17 15:03:43 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	7.72	152	165715	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	637557	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	359579	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.12	188	832915	20.00	ng/ul	-0.01
77) Chrysene-d12	21.31	240	825817	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	966379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	22484	6.68	ng/uL	0.00
5) Phenol-d5	6.90	99	78287	6.08	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	219830	28.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	258562	23.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	142007	13.84	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	161015	30.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	173288	29.18	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.13	165	320768	27.08	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	12575	1.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.78	166	1044302	33.16	ng/ul	-0.01
46) Acenaphthylene-d8	14.06	160	1205292	30.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.60	143	19742	3.96	ng/ul	0.00
57) Fluorene-d10	15.36	176	924407	32.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	127922	22.85	ng/ul	0.00
70) Anthracene-d10	17.22	188	1441856	33.33	ng/ul	-0.01
78) Pyrene-d10	19.52	212	1644479	36.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1873149	33.70	ng/ul	-0.01

Target Compounds

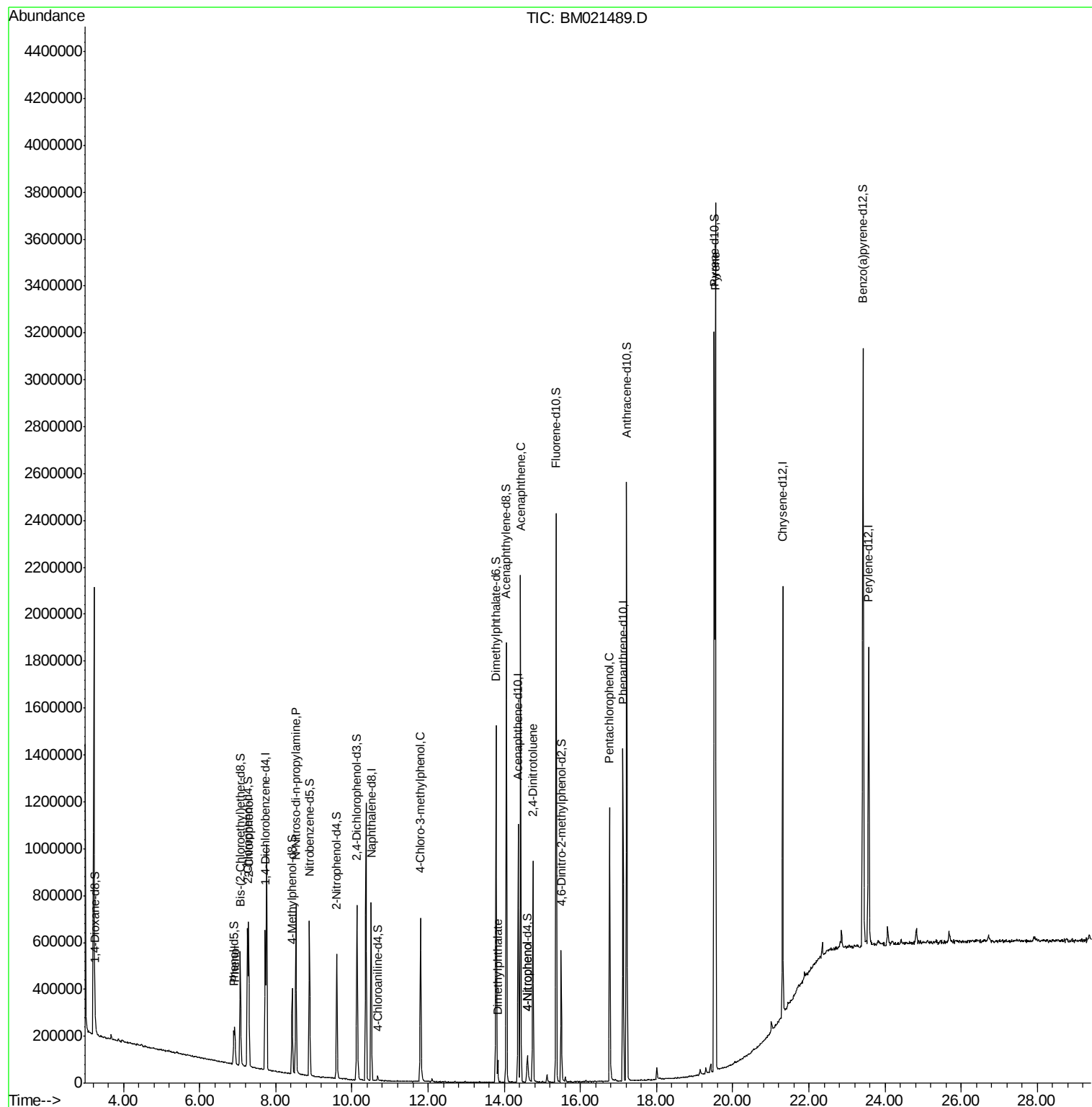
					Qvalue
6) Phenol	6.92	94	84588	6.859	ng/ul 96
10) 2-Chlorophenol	7.29	128	263953	24.764	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	254186	32.792	ng/ul 97
33) 4-Chloro-3-methylphenol	11.80	107	275432	27.313	ng/ul 100
44) Dimethylphthalate	13.83	163	60721	2.071	ng/ul 98
49) Acenaphthene	14.43	153	878262	35.135	ng/ul 100
52) 4-Nitrophenol	14.61	109	18638	5.014	ng/ul 95
54) 2,4-Dinitrotoluene	14.75	165	266630	32.554	ng/ul 96
68) Pentachlorophenol	16.77	266	234009	36.233	ng/ul 98
79) Pyrene	19.54	202	2183900	39.958	ng/ul 100

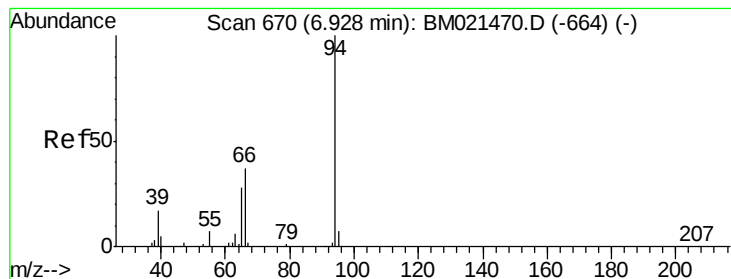
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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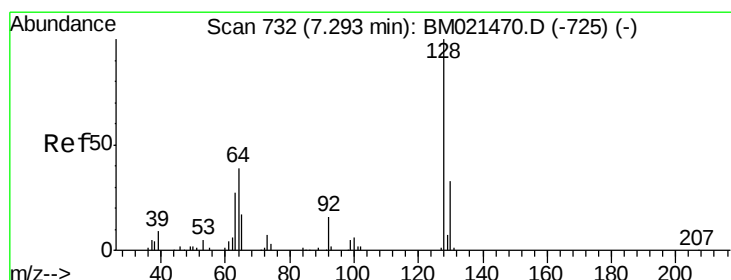
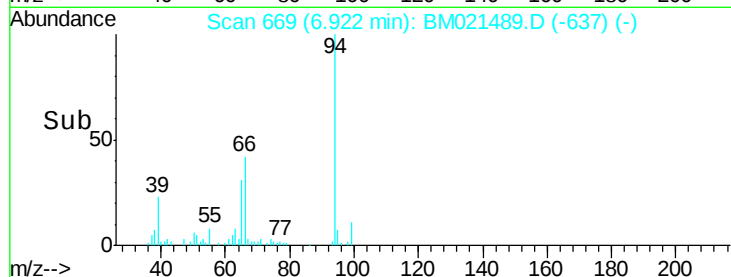
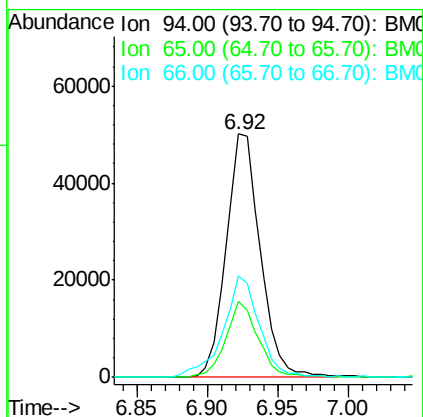
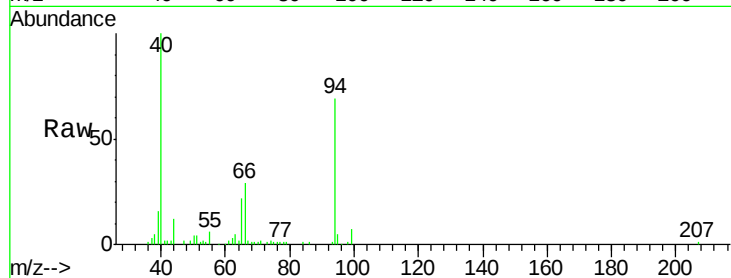
#6

Phenol

Concen: 6.859 ng/ul
 RT: 6.92 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BM021489.D
 Acq: 17 Jul 2019 10:20

Instrument :
 BNA_M
 ClientSampleId :
 A52M0MS

Tgt Ion: 94 Resp: 84588
 Ion Ratio Lower Upper
 94 100
 65 31.1 23.0 34.6
 66 41.7 31.6 47.4

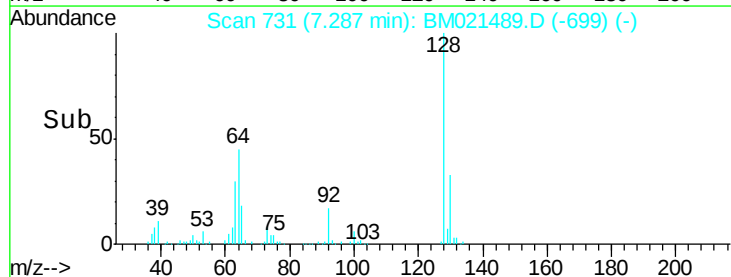
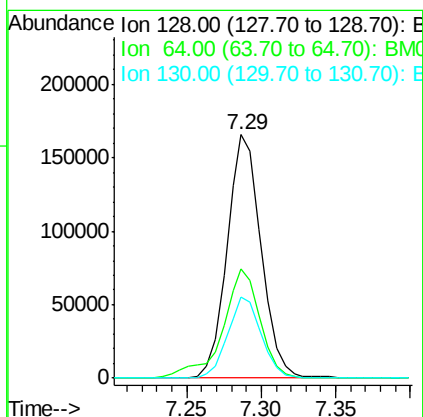
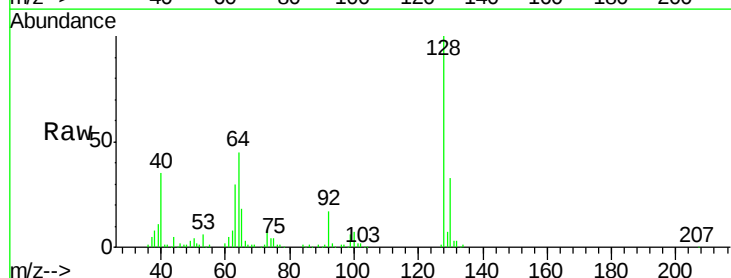


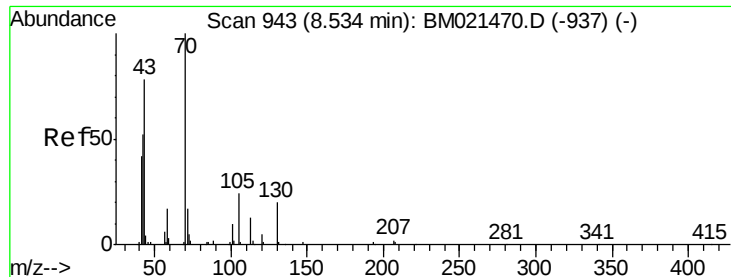
#10

2-Chlorophenol

Concen: 24.764 ng/ul
 RT: 7.29 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BM021489.D
 Acq: 17 Jul 2019 10:20

Tgt Ion: 128 Resp: 263953
 Ion Ratio Lower Upper
 128 100
 64 44.7 34.4 51.6
 130 33.3 26.9 40.3

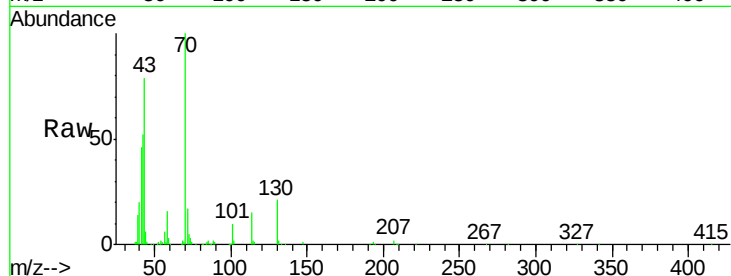




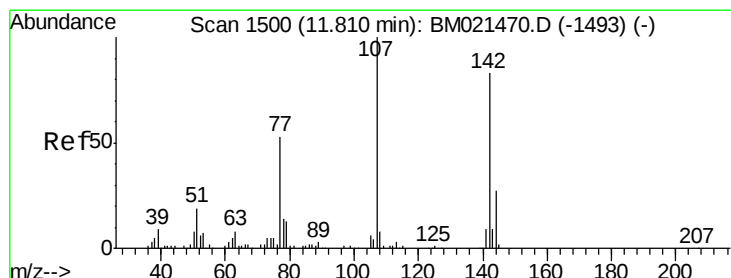
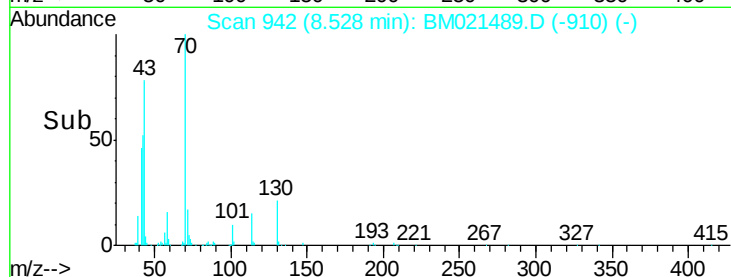
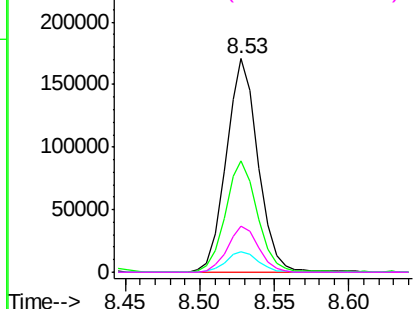
#15
N-Nitroso-di-n-propylamine
Concen: 32.792 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM021489.D
Acq: 17 Jul 2019 10:20

Instrument :
BNA_M
ClientSampleId :
A52M0MS

Tgt Ion:	70	Resp:	254186
Ion	Ratio	Lower	Upper
70	100		
42	52.4	39.9	59.9
101	9.6	7.6	11.4
130	21.4	18.5	27.7

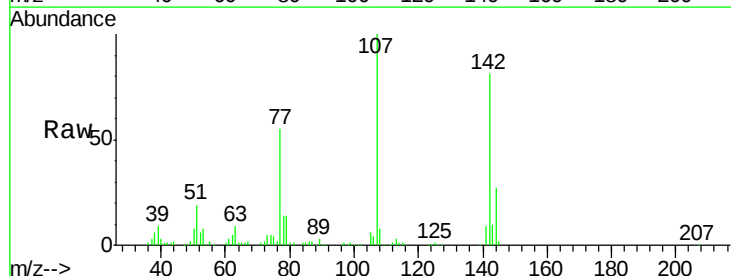


Abundance Ion 70.00 (69.70 to 70.70): BM021470.D (-937) (-)
Ion 42.00 (41.70 to 42.70): BM021470.D (-937) (-)
Ion 101.00 (100.70 to 101.70): BM021470.D (-937) (-)
Ion 130.00 (129.70 to 130.70): BM021470.D (-937) (-)

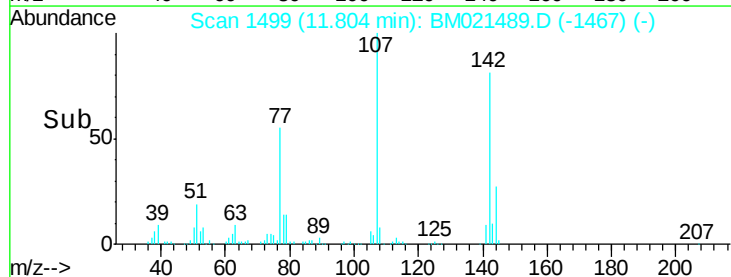
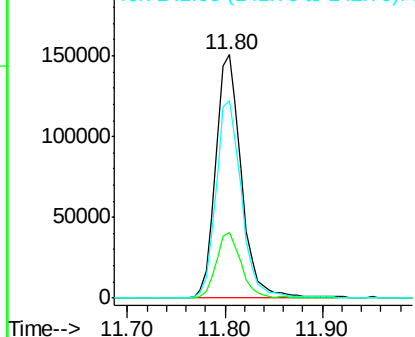


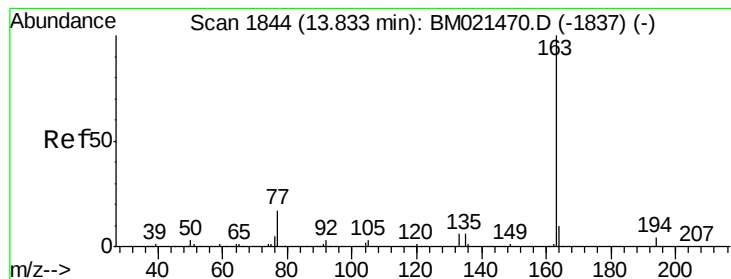
#33
4-Chloro-3-methylphenol
Concen: 27.313 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM021489.D
Acq: 17 Jul 2019 10:20

Tgt Ion:	107	Resp:	275432
Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.4	32.2
142	81.1	64.7	97.1



Abundance Ion 107.00 (106.70 to 107.70): BM021470.D (-1493) (-)
Ion 144.00 (143.70 to 144.70): BM021470.D (-1493) (-)
Ion 142.00 (141.70 to 142.70): BM021470.D (-1493) (-)





#44

Dimethylphthalate

Concen: 2.071 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM021489.D

Acq: 17 Jul 2019 10:20

Instrument :

BNA_M

ClientSampleId :

A52M0MS

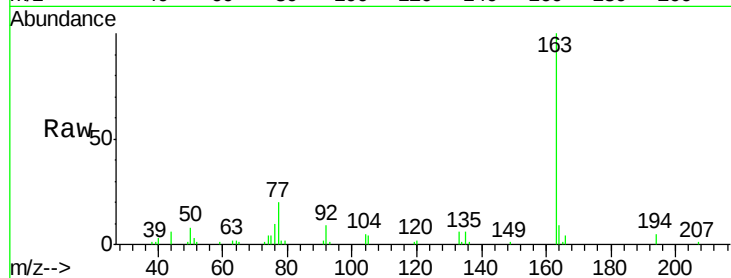
Tgt Ion:163 Resp: 60721

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

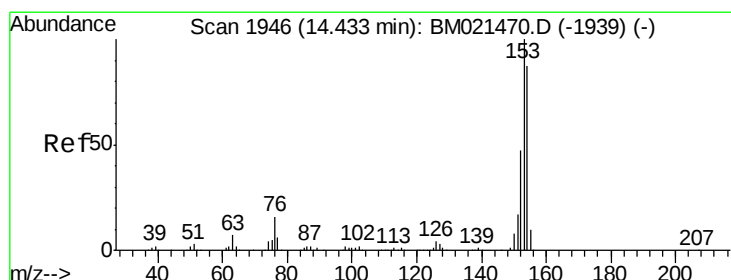
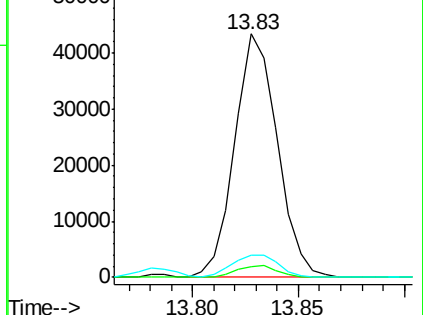
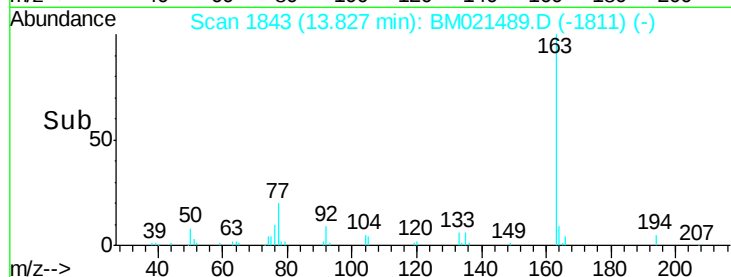
164 9.3 8.3 12.5



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: 35.135 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM021489.D

Acq: 17 Jul 2019 10:20

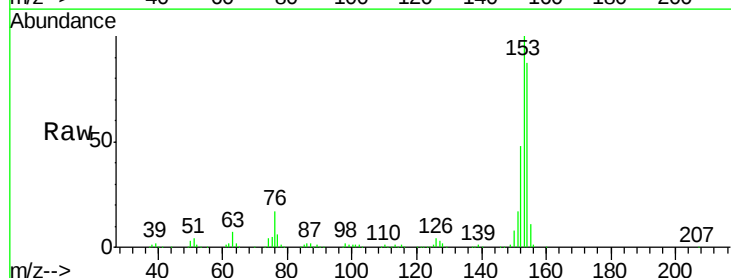
Tgt Ion:153 Resp: 878262

Ion Ratio Lower Upper

153 100

152 48.0 38.2 57.4

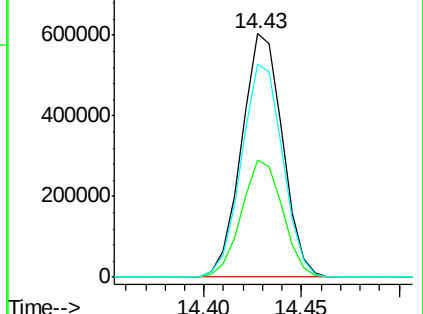
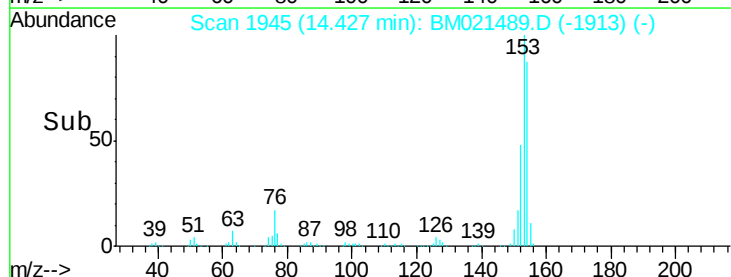
154 87.3 70.0 105.0

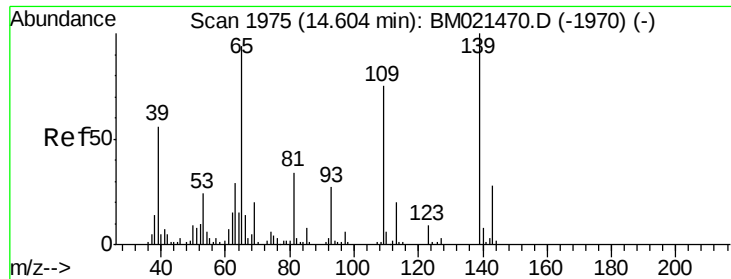


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 5.014 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BM021489.D

Acq: 17 Jul 2019 10:20

Instrument :

BNA_M

ClientSampleId :

A52MOMS

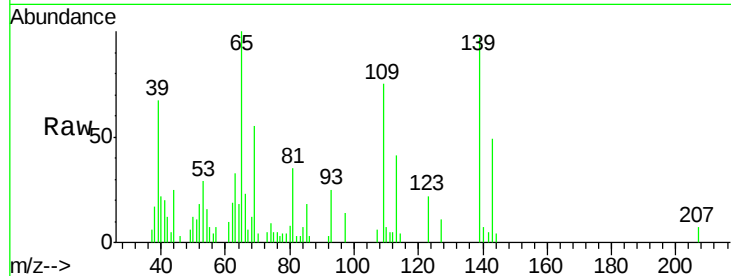
Tgt Ion:109 Resp: 18638

Ion Ratio Lower Upper

109 100

139 130.2 107.6 161.4

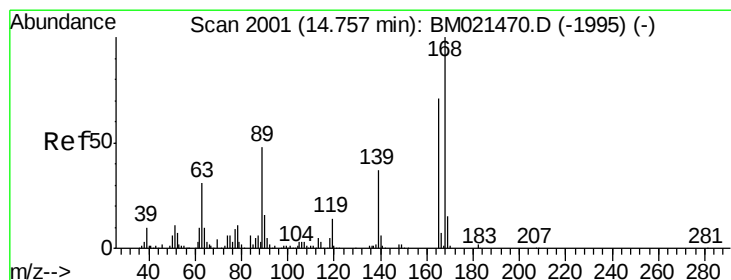
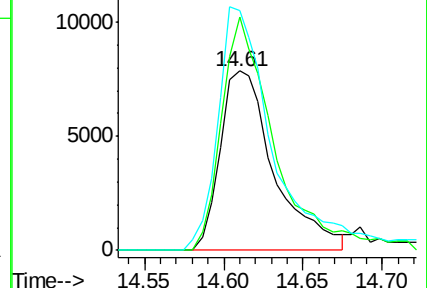
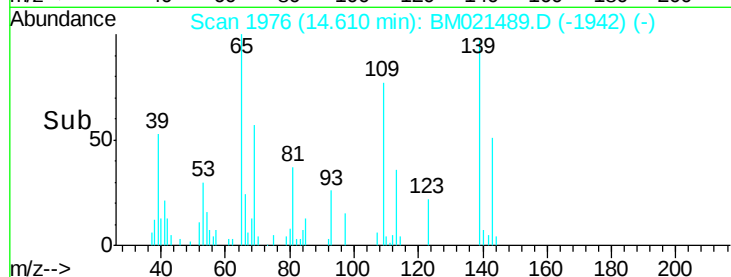
65 133.8 101.0 151.6



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: 32.554 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BM021489.D

Acq: 17 Jul 2019 10:20

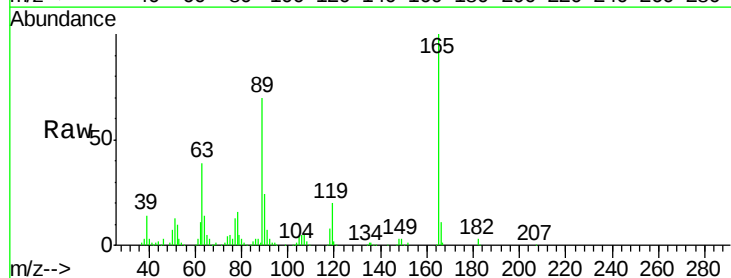
Tgt Ion:165 Resp: 266630

Ion Ratio Lower Upper

165 100

63 39.1 33.1 49.7

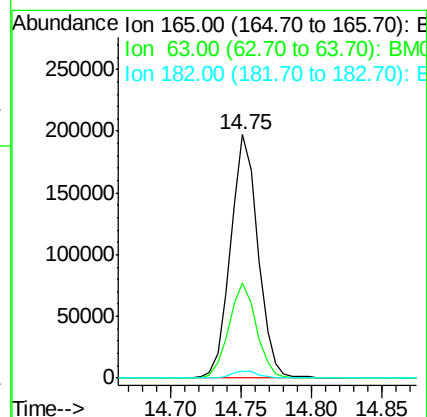
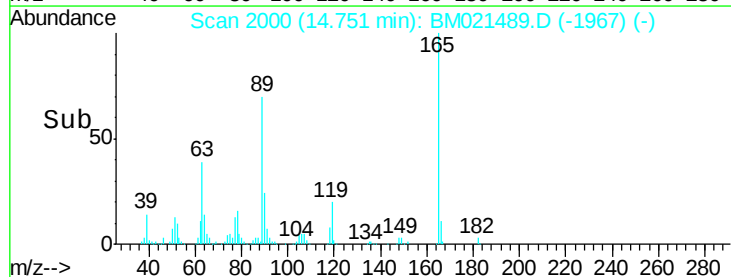
182 2.9 2.2 3.4

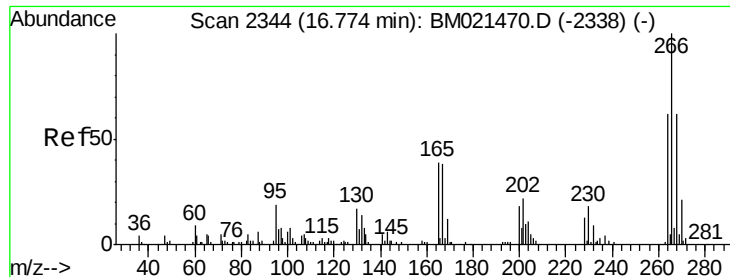


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

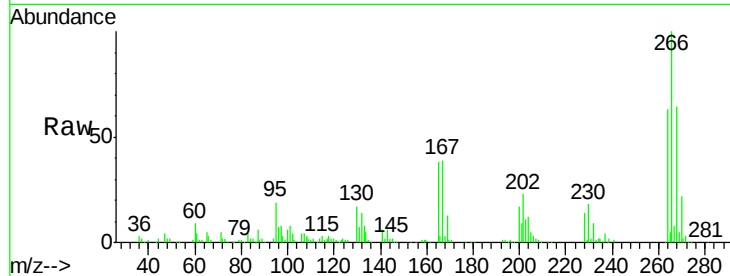




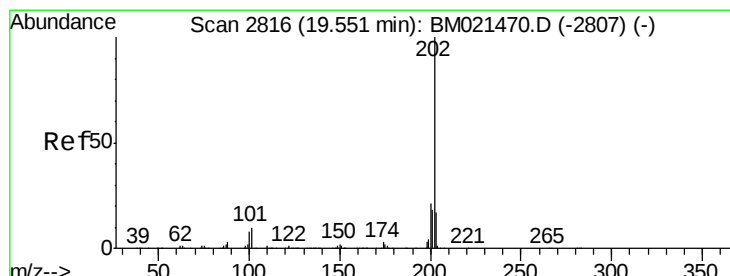
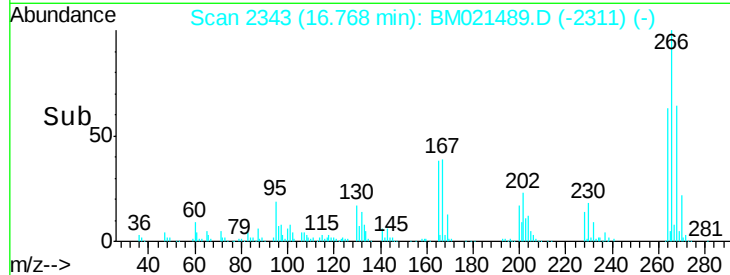
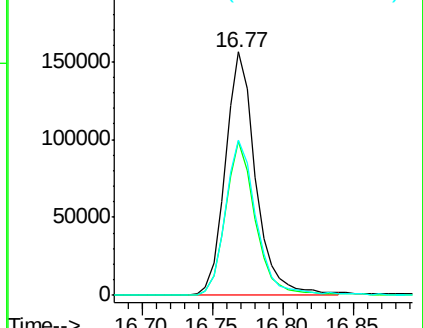
#68
 Pentachlorophenol
 Concen: 36.233 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BM021489.D
 Acq: 17 Jul 2019 10:20

Instrument :
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 A52M0MS

Tgt Ion:266 Resp: 234009
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.2 73.8
 268 63.9 50.6 76.0

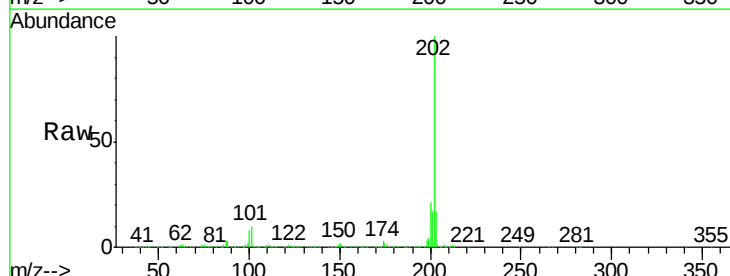


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 39.958 ng/ul
 RT: 19.54 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BM021489.D
 Acq: 17 Jul 2019 10:20

Tgt Ion:202 Resp: 2183900
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.8 11.8
 100 8.3 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

