

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021696.D
 Acq On : 29 Jul 2019 15:32
 Operator : HP/JU
 Sample : K3863-18MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52H9MS

Quant Time: Jul 29 16:37:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	159490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	670709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	451745	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	981676	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	802317	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	766582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7800	2.35	ng/uL	0.00
5) Phenol-d5	6.86	99	155281	12.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	93251	13.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	132022	13.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	115402	11.46	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	66887	13.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	74980	13.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	151972	12.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	141613	12.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	539303	15.47	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	589624	14.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	38976	7.36	ng/ul	0.00
57) Fluorene-d10	15.32	176	461042	15.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	38629	6.33	ng/ul	0.00
70) Anthracene-d10	17.18	188	743994	15.06	ng/ul	0.00
78) Pyrene-d10	19.48	212	845461	18.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	662422	16.33	ng/ul	0.00

Target Compounds

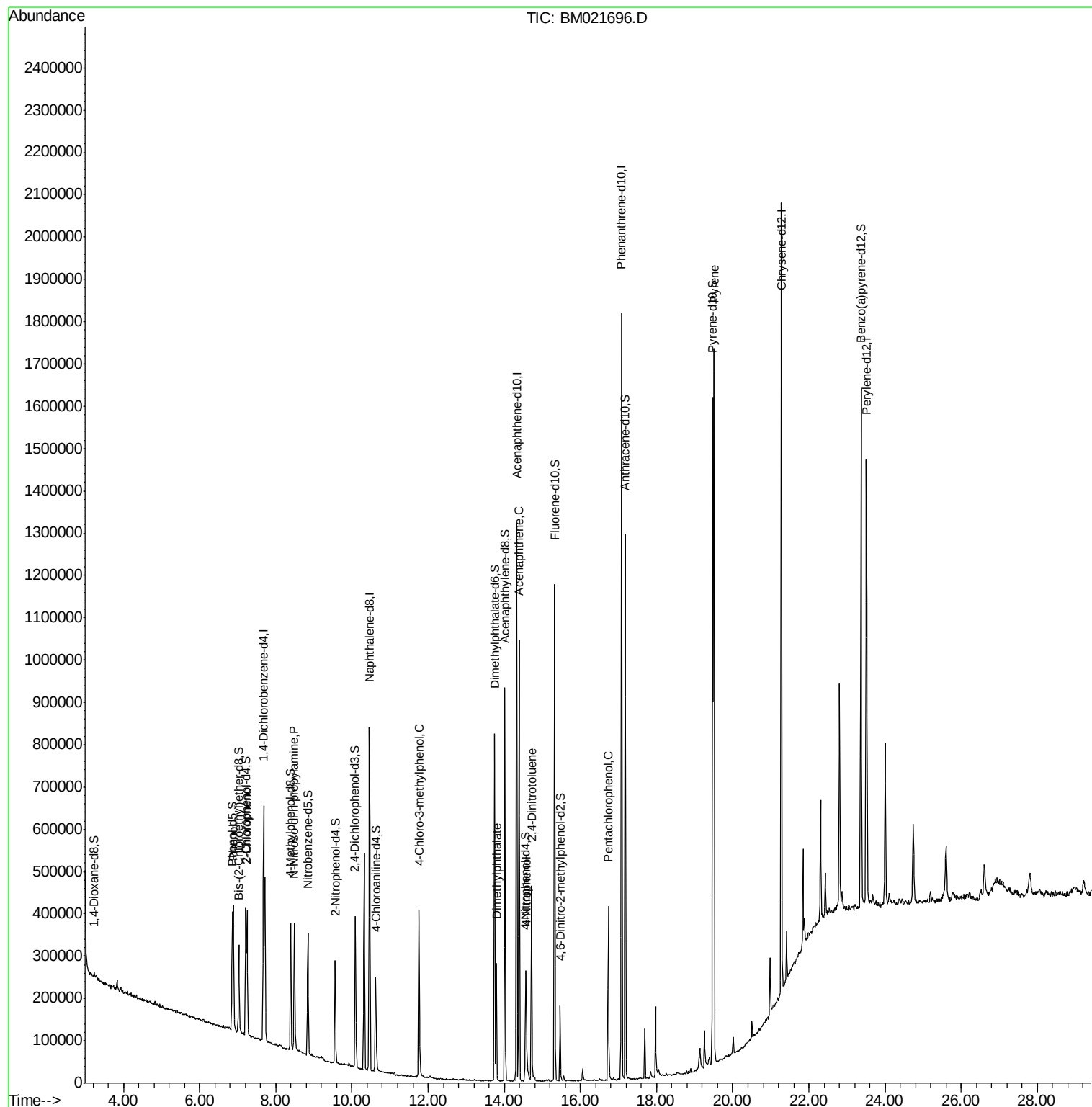
					Ovalue
6) Phenol	6.89	94	156039	12.187	ng/ul 97
10) 2-Chlorophenol	7.25	128	128852	12.067	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.49	70	110328	13.429	ng/ul 96
33) 4-Chloro-3-methylphenol	11.76	107	153794	13.043	ng/ul 99
44) Dimethylphthalate	13.79	163	176795	4.885	ng/ul 99
49) Acenaphthene	14.39	153	410925	13.274	ng/ul 99
52) 4-Nitrophenol	14.57	109	42397	8.846	ng/ul 90
54) 2,4-Dinitrotoluene	14.72	165	124776	13.235	ng/ul# 85
68) Pentachlorophenol	16.73	266	85551	9.536	ng/ul 98
79) Pyrene	19.51	202	1026014	17.139	ng/ul 99

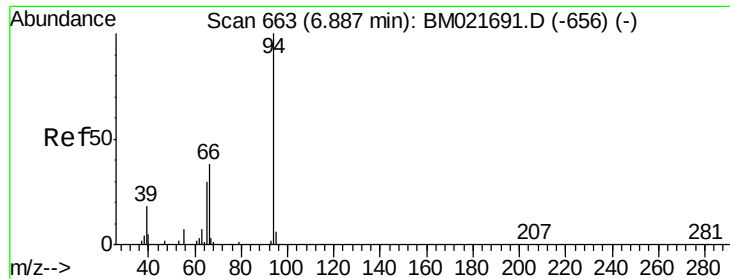
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 12.187 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

Instrument :

BNA_M

ClientSampleId :

A52H9MS

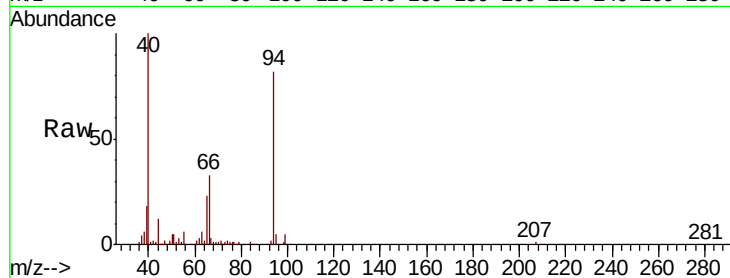
Tot Ion: 94 Resp: 156039

Ion Ratio Lower Upper

94 100

65 28.1 24.8 37.2

66 40.0 33.0 49.4

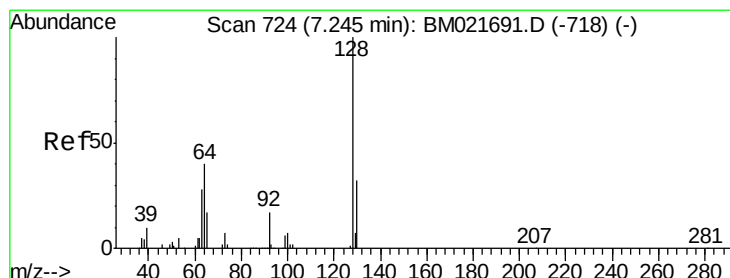
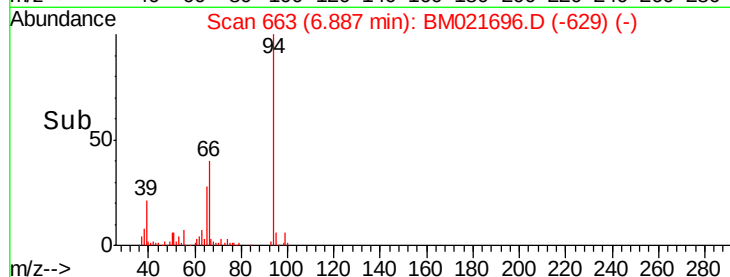
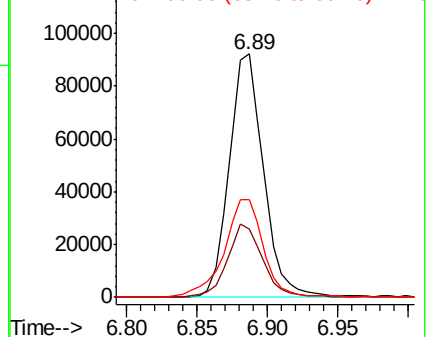


Abundance

Ion 94.00 (93.70 to 94.70): BM021696.D (-629) (-)

Ion 65.00 (64.70 to 65.70): BM021696.D (-629) (-)

Ion 66.00 (65.70 to 66.70): BM021696.D (-629) (-)



#10

2-Chlorophenol

Concen: 12.067 ng/ul

RT: 7.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

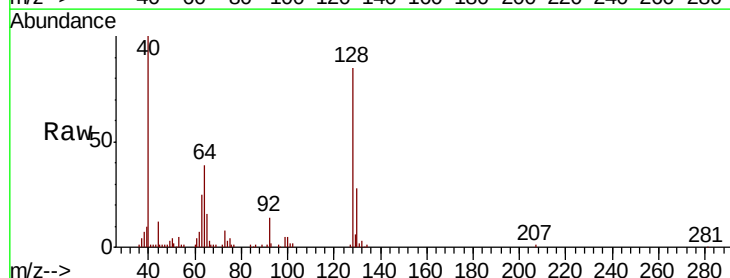
Tgt Ion: 128 Resp: 128852

Ion Ratio Lower Upper

128 100

64 46.0 34.5 51.7

130 32.4 27.6 41.4

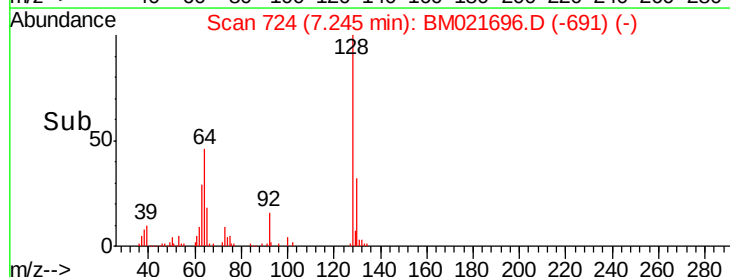
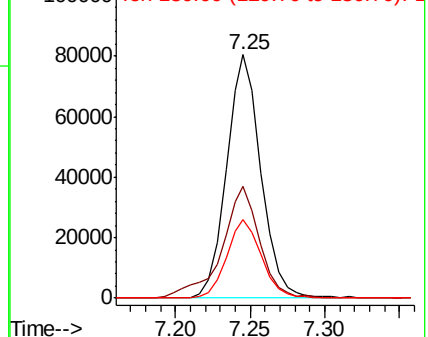


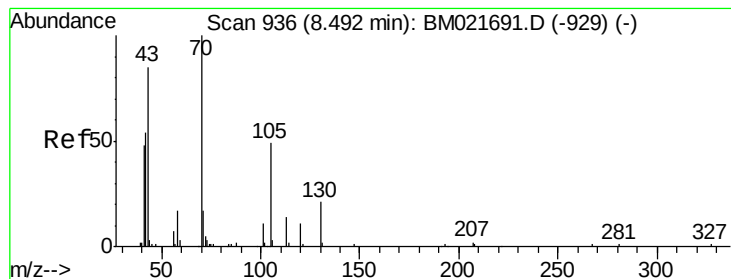
Abundance

Ion 128.00 (127.70 to 128.70): BM021696.D (-691) (-)

Ion 64.00 (63.70 to 64.70): BM021696.D (-691) (-)

Ion 130.00 (129.70 to 130.70): BM021696.D (-691) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 13.429 ng/ul

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

Instrument :

BNA_M

ClientSampleId :

A52H9MS

Tot Ion: 70 Resp: 110328

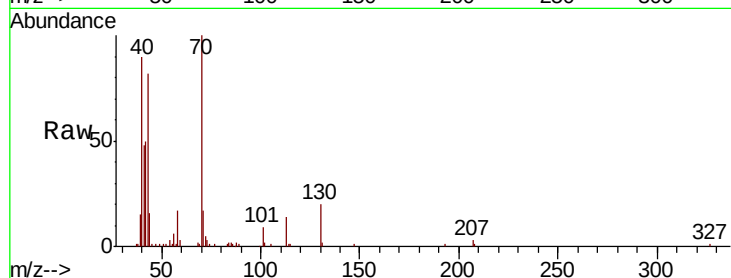
Ion Ratio Lower Upper

70 100

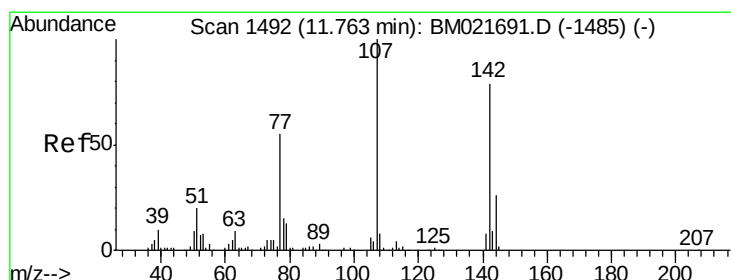
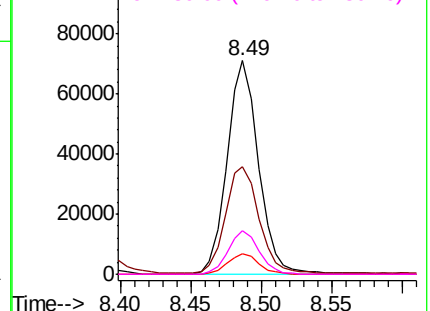
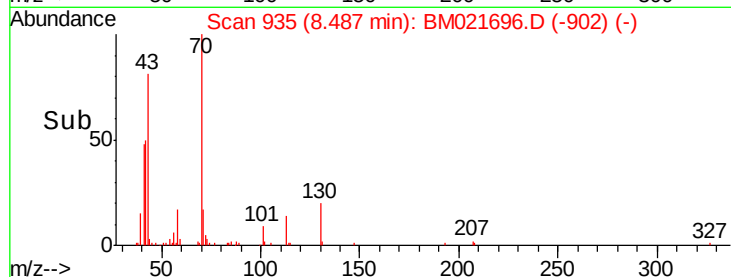
42 50.5 43.2 64.8

101 9.5 7.0 10.6

130 20.3 15.7 23.5



Abundance Ion 70.00 (69.70 to 70.70): BM021696.D (-902) (-)



#33

4-Chloro-3-methylphenol

Concen: 13.043 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

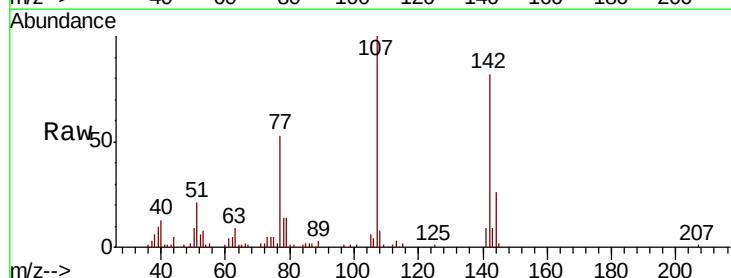
Tgt Ion: 107 Resp: 153794

Ion Ratio Lower Upper

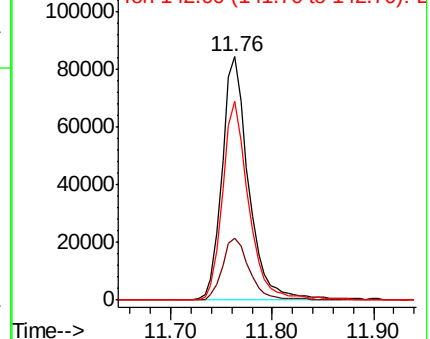
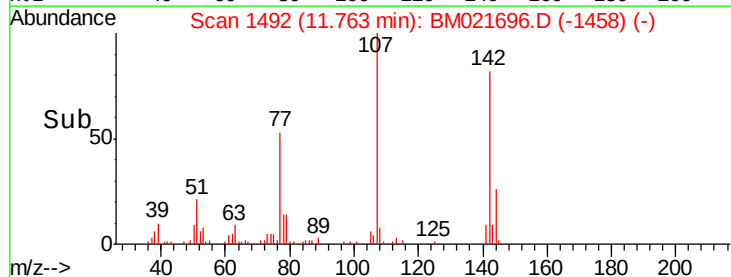
107 100

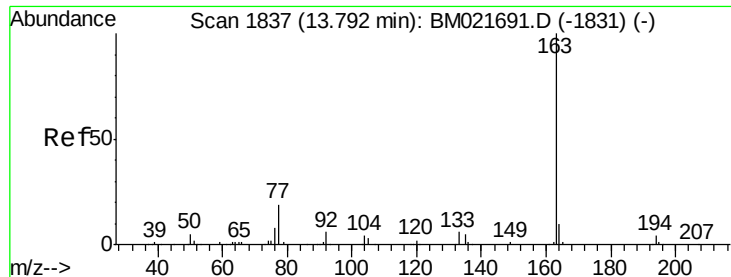
144 25.5 21.3 31.9

142 81.7 65.1 97.7



Abundance Ion 107.00 (106.70 to 107.70): BM021696.D (-1458) (-)





#44

Dimethylphthalate

Concen: 4.885 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

Instrument :

BNA_M

ClientSampleId :

A52H9MS

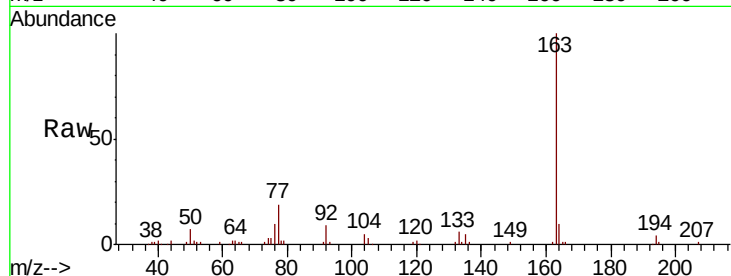
Tot Ion:163 Resp: 176795

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

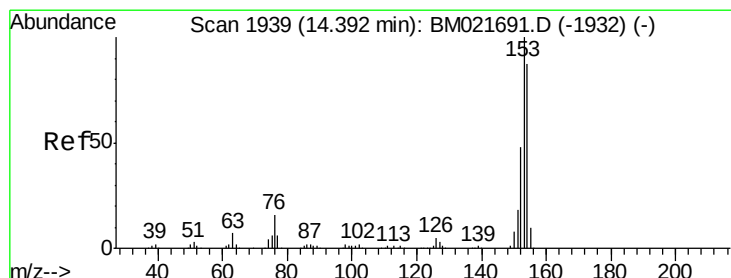
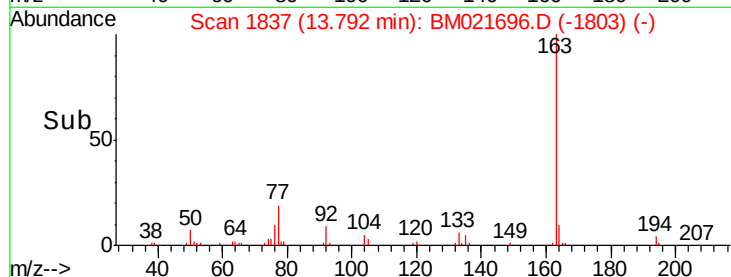
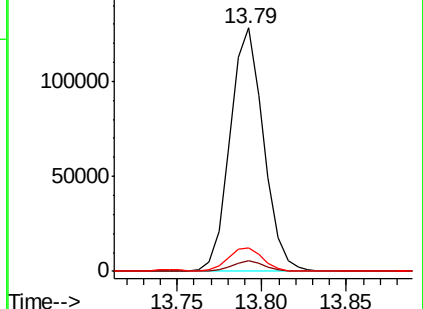
164 9.6 8.1 12.1



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: 13.274 ng/ul

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

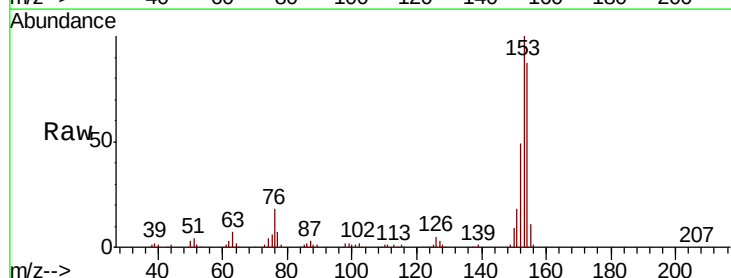
Tgt Ion:153 Resp: 410925

Ion Ratio Lower Upper

153 100

152 49.2 38.7 58.1

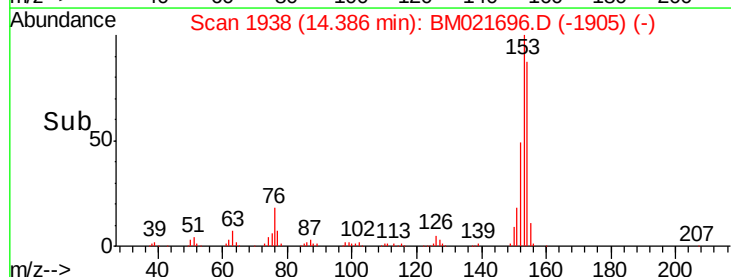
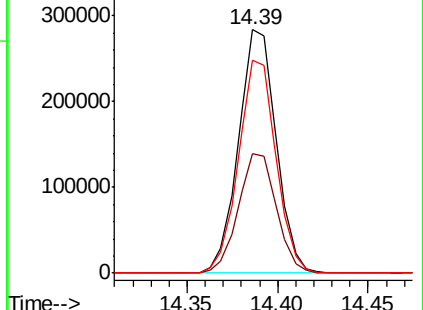
154 87.3 69.2 103.8

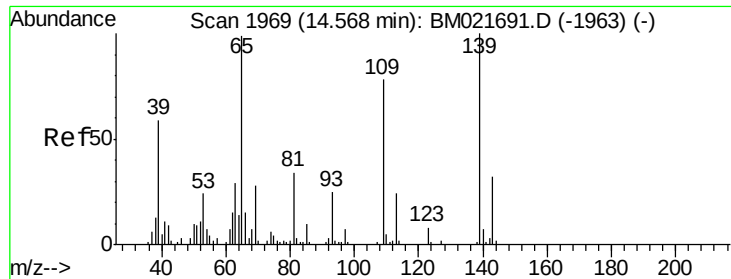


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 8.846 ng/ul

RT: 14.57 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

Instrument :

BNA_M

ClientSampleId :

A52H9MS

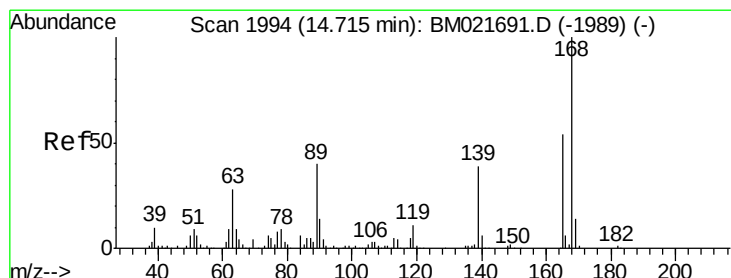
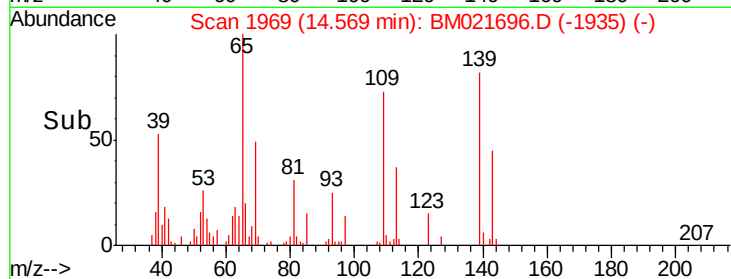
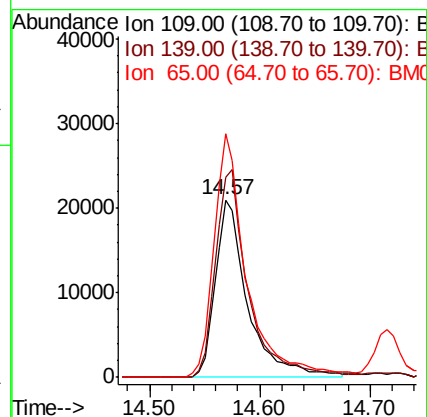
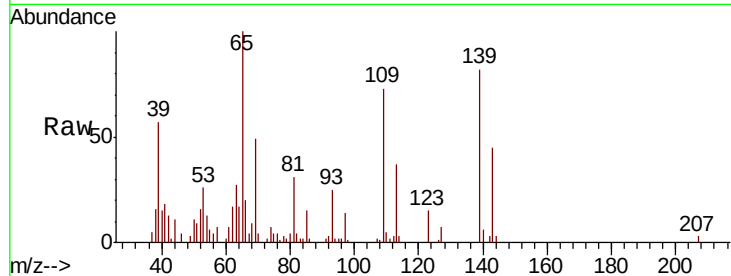
Tot Ion:109 Resp: 42397

Ion Ratio Lower Upper

109 100

139 113.0 96.6 144.8

65 137.2 97.8 146.6



#54

2,4-Dinitrotoluene

Concen: 13.235 ng/ul

RT: 14.72 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BM021696.D

Acq: 29 Jul 2019 15:32

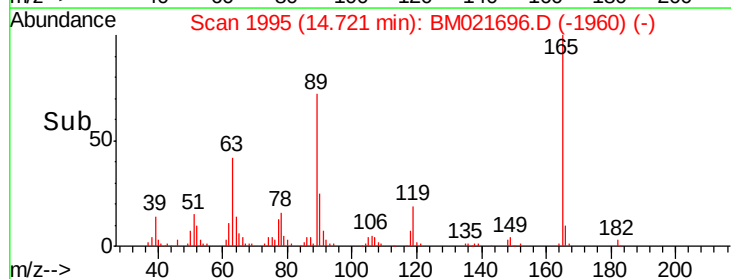
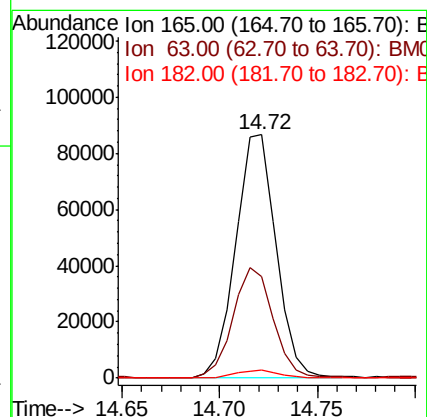
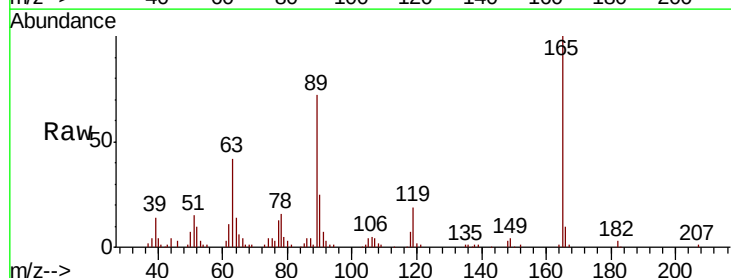
Tgt Ion:165 Resp: 124776

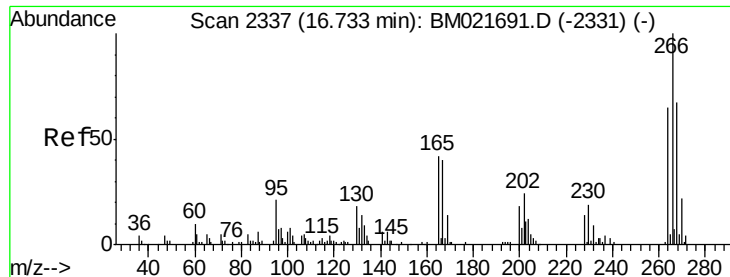
Ion Ratio Lower Upper

165 100

63 41.9 42.7 64.1#

182 3.1 2.3 3.5

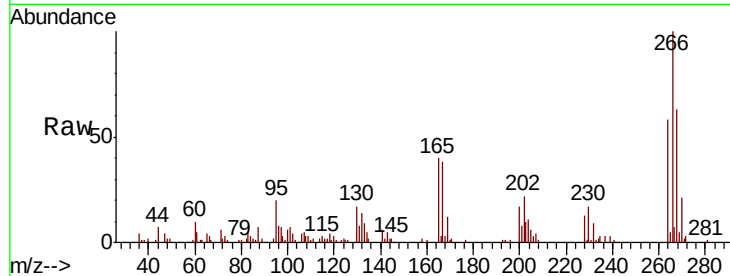




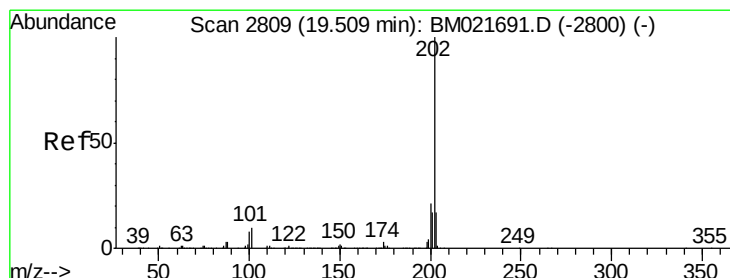
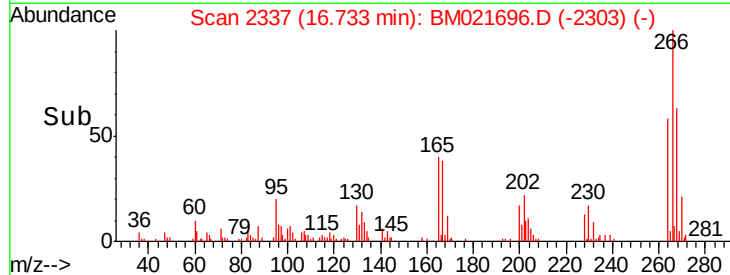
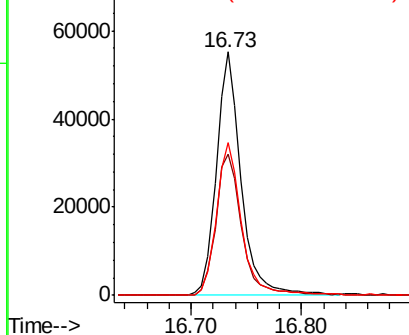
#68
 Pentachlorophenol
 Concen: 9.536 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BM021696.D
 Acq: 29 Jul 2019 15:32

Instrument :
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Tot Ion:266 Resp: 85551
 Ion Ratio Lower Upper
 266 100
 264 57.8 48.2 72.2
 268 62.9 51.0 76.6

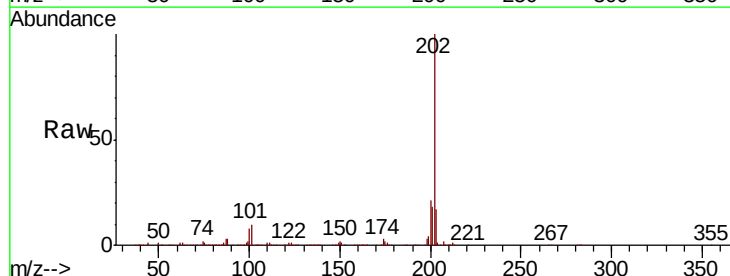


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 17.139 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BM021696.D
 Acq: 29 Jul 2019 15:32

Tgt Ion:202 Resp: 1026014
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.2 12.2
 100 8.1 7.0 10.4



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

