

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021697.D
 Acq On : 29 Jul 2019 16:08
 Operator : HP/JU
 Sample : K3863-19MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52H9MSD

Quant Time: Jul 29 16:46:18 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	148710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	612116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	398844	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	811206	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	643597	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	728719	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7935	2.57	ng/uL	0.00
5) Phenol-d5	6.86	99	142386	12.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	87977	13.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	123117	13.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	107208	11.42	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	62894	13.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	67992	13.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	138754	12.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	124176	12.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	479688	15.58	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	516702	14.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	29735	6.36	ng/ul	0.00
57) Fluorene-d10	15.32	176	400078	14.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	31239	6.20	ng/ul	0.00
70) Anthracene-d10	17.18	188	598974	14.67	ng/ul	0.00
78) Pyrene-d10	19.48	212	638052	17.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	622829	16.15	ng/ul	0.00

Target Compounds

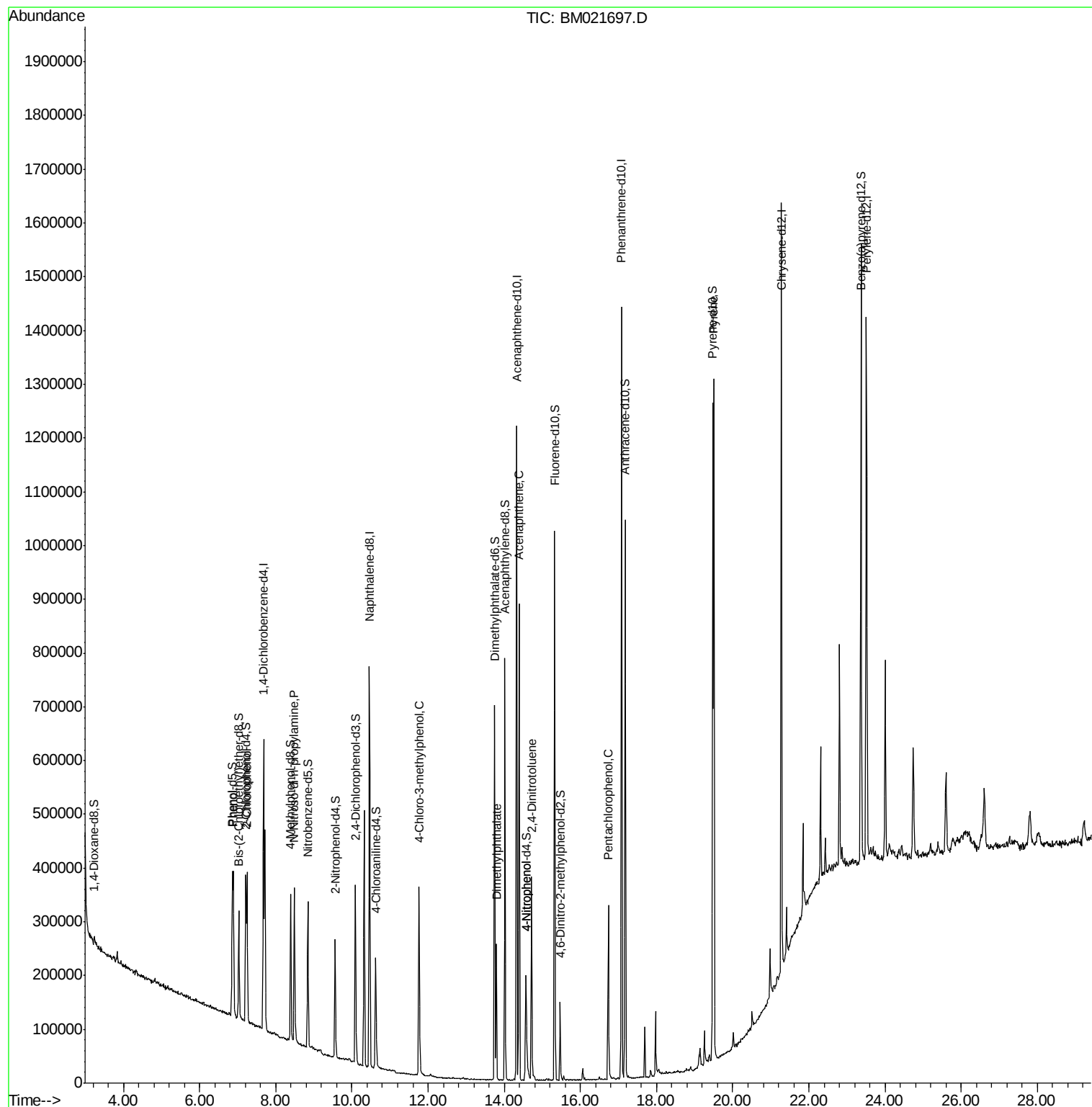
					Ovalue
6) Phenol	6.89	94	143738	12.040	ng/ul 98
10) 2-Chlorophenol	7.25	128	119187	11.971	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.49	70	99934	13.046	ng/ul 96
33) 4-Chloro-3-methylphenol	11.76	107	135415	12.584	ng/ul 98
44) Dimethylphthalate	13.79	163	156052	4.884	ng/ul 99
49) Acenaphthene	14.39	153	361254	13.218	ng/ul 99
52) 4-Nitrophenol	14.57	109	31786	7.512	ng/ul 93
54) 2,4-Dinitrotoluene	14.72	165	103063	12.381	ng/ul# 86
68) Pentachlorophenol	16.73	266	67418	9.094	ng/ul 97
79) Pyrene	19.51	202	776952	16.179	ng/ul 99

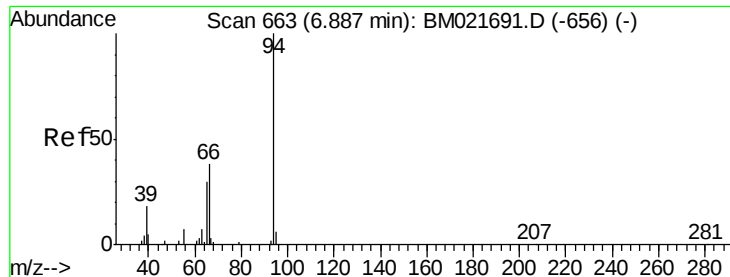
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 12.040 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM021697.D

Acq: 29 Jul 2019 16:08

Instrument :

BNA_M

ClientSampleId :

A52H9MSD

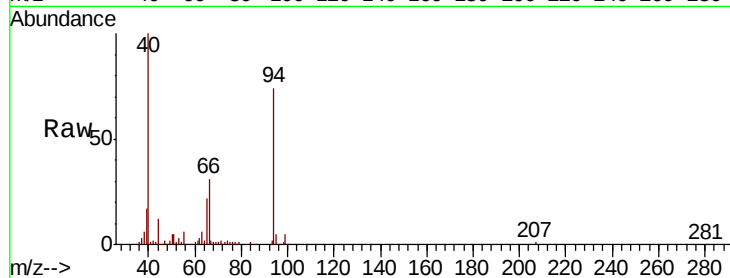
Tot Ion: 94 Resp: 143738

Ion Ratio Lower Upper

94 100

65 29.4 24.8 37.2

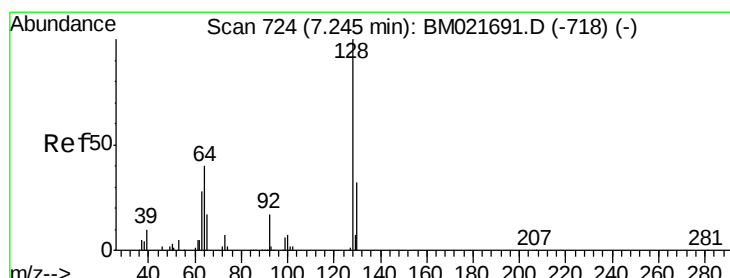
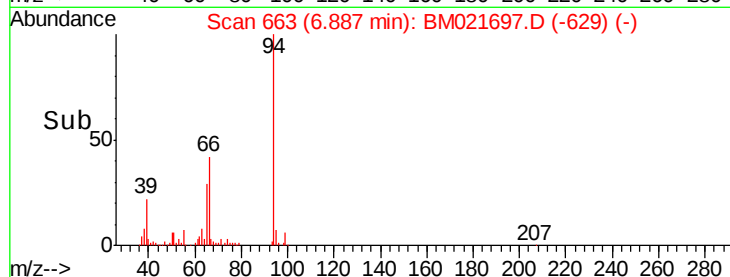
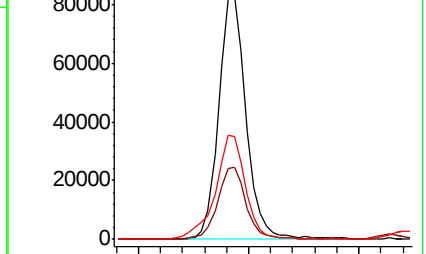
66 42.5 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM021697.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BM021697.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BM021697.D (-656) (-)



#10

2-Chlorophenol

Concen: 11.971 ng/ul

RT: 7.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM021697.D

Acq: 29 Jul 2019 16:08

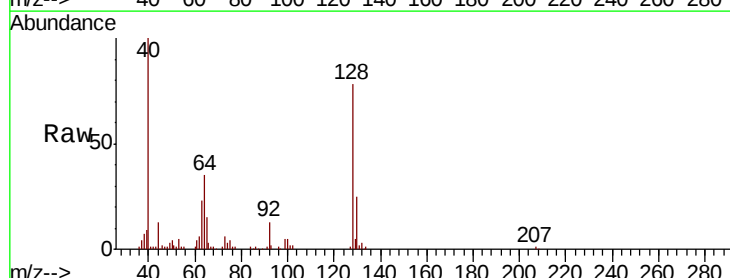
Tgt Ion:128 Resp: 119187

Ion Ratio Lower Upper

128 100

64 45.2 34.5 51.7

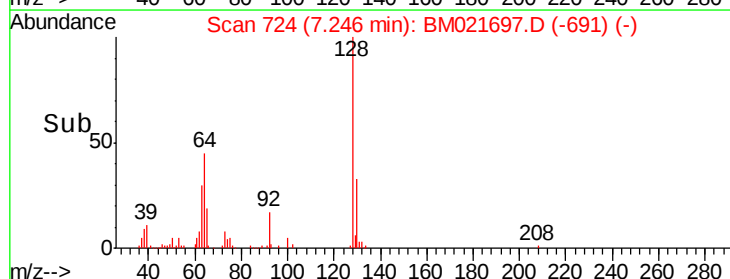
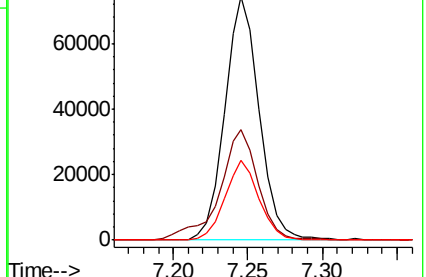
130 32.5 27.6 41.4

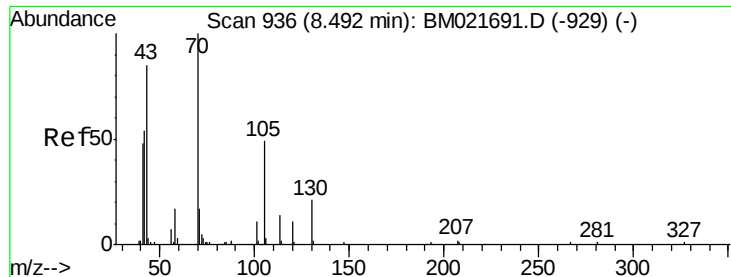


Abundance Ion 128.00 (127.70 to 128.70): BM021697.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BM021697.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BM021697.D (-718) (-)

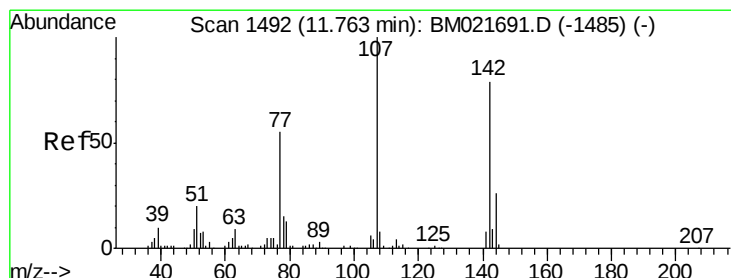
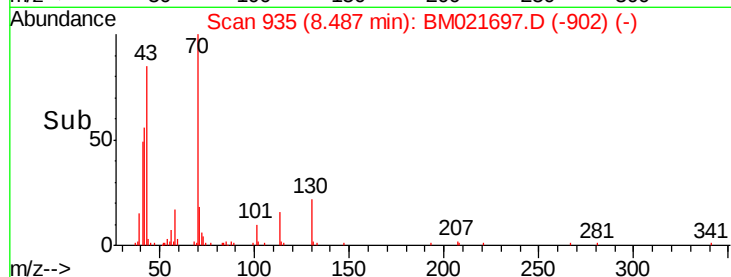
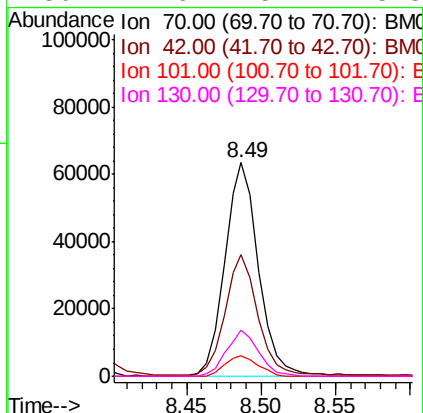
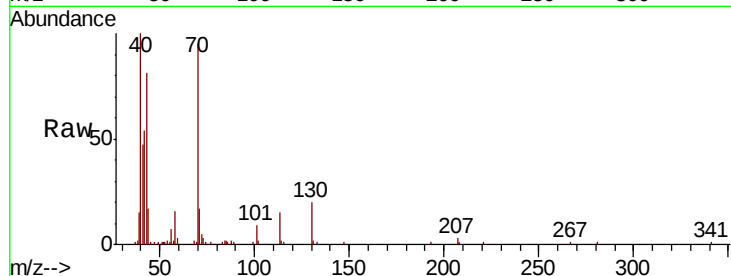




#15
N-Nitroso-di-n-propylamine
Concen: 13.046 ng/ul
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM021697.D
Acq: 29 Jul 2019 16:08

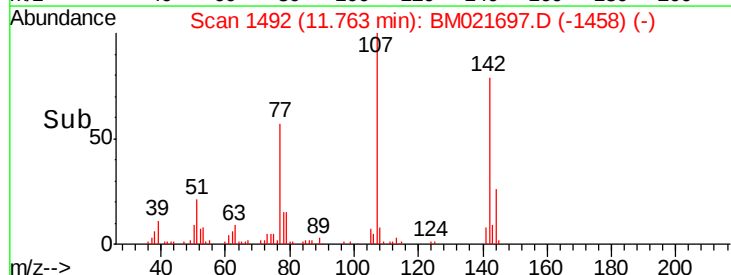
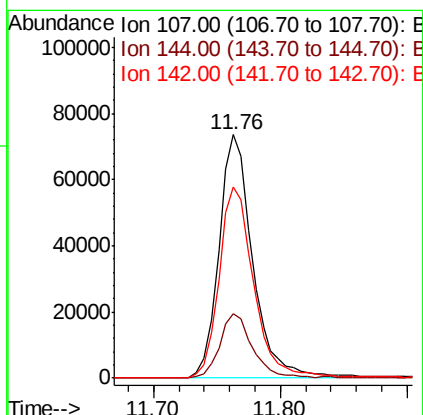
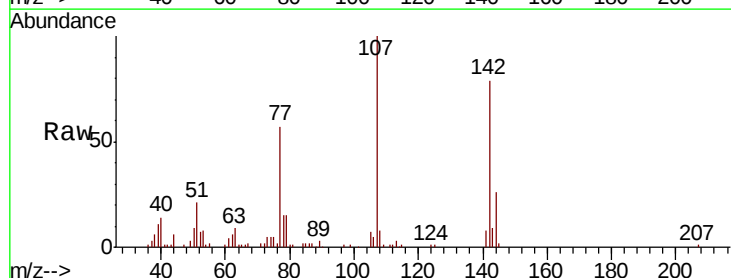
Instrument :
BNA_M
ClientSampleId :
A52H9MSD

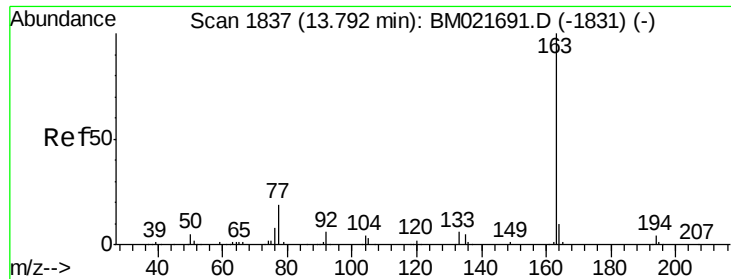
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.2	64.8
101	9.7	7.0	10.6
130	21.6	15.7	23.5



#33
4-Chloro-3-methylphenol
Concen: 12.584 ng/ul
RT: 11.76 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BM021697.D
Acq: 29 Jul 2019 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.3	31.9
142	78.6	65.1	97.7

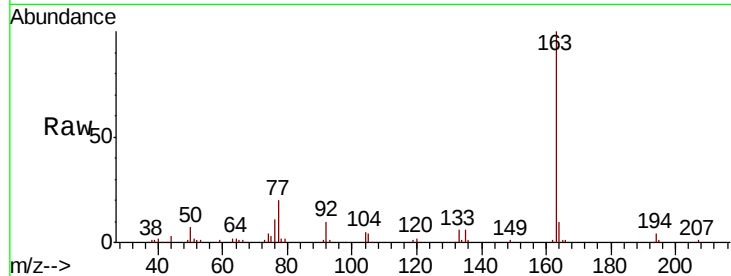




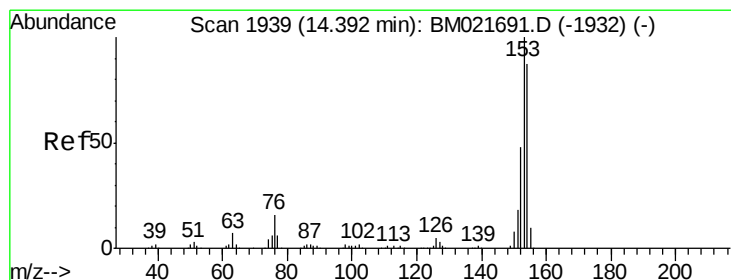
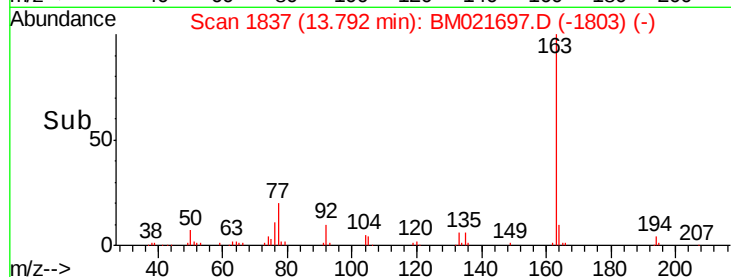
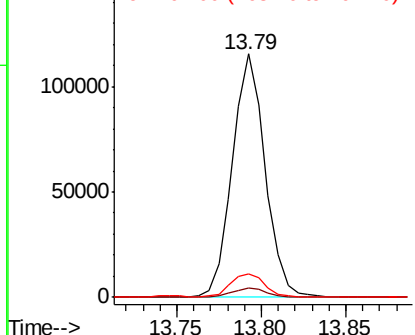
#44
Dimethylphthalate
Concen: 4.884 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM021697.D
Acq: 29 Jul 2019 16:08

Instrument :
BNA_M
ClientSampleId :
A52H9MSD

Tot Ion:163 Resp: 156052
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.5 8.1 12.1

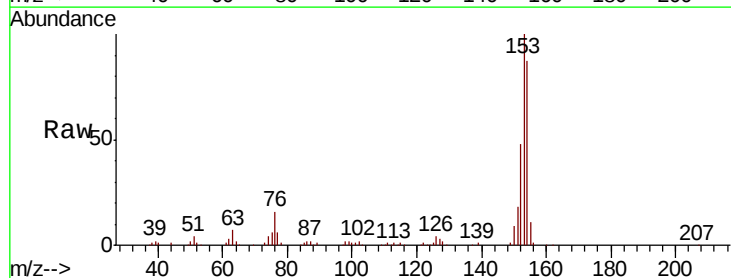


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

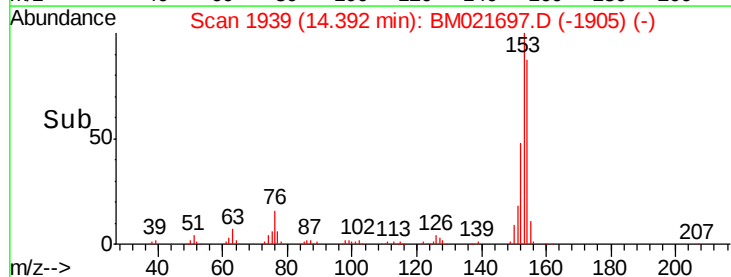
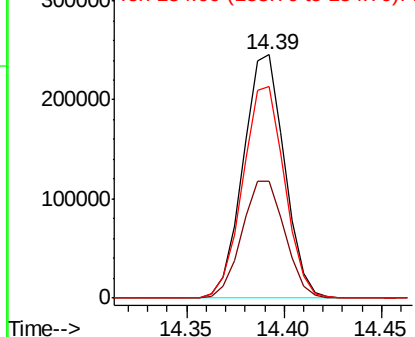


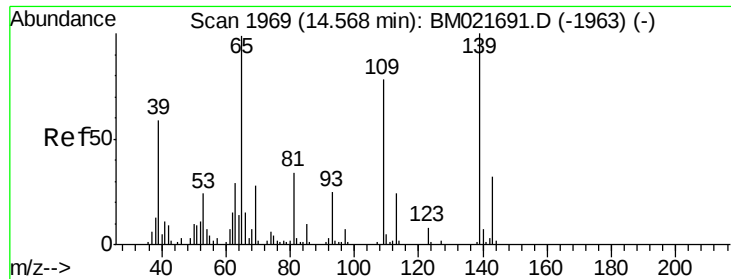
#49
Acenaphthene
Concen: 13.218 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BM021697.D
Acq: 29 Jul 2019 16:08

Tgt Ion:153 Resp: 361254
Ion Ratio Lower Upper
153 100
152 48.1 38.7 58.1
154 87.0 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

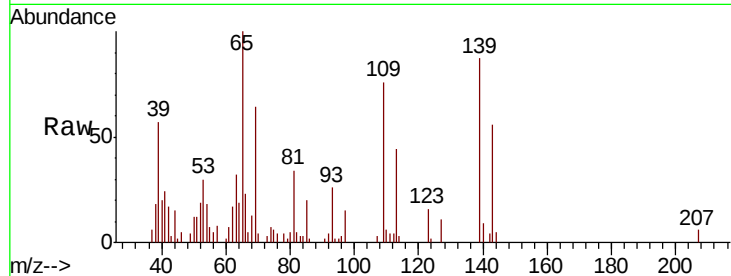




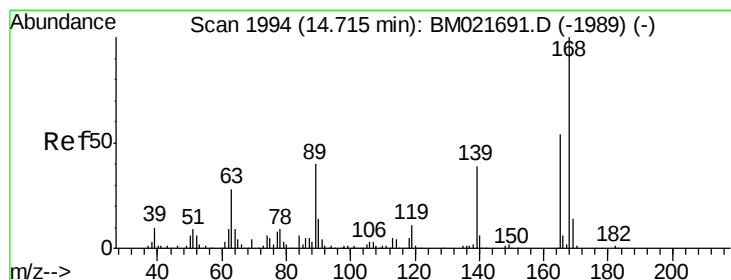
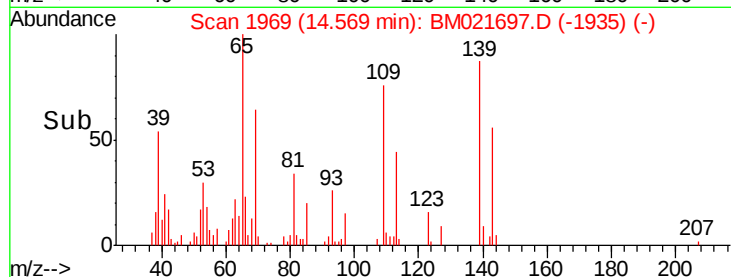
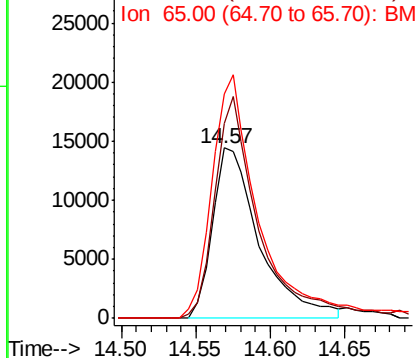
#52
4-Nitrophenol
Concen: 7.512 ng/ul
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM021697.D
Acq: 29 Jul 2019 16:08

Instrument :
BNA_M
ClientSampled :
A52H9MSD

Tot Ion:109 Resp: 31786
Ion Ratio Lower Upper
109 100
139 114.6 96.6 144.8
65 132.1 97.8 146.6

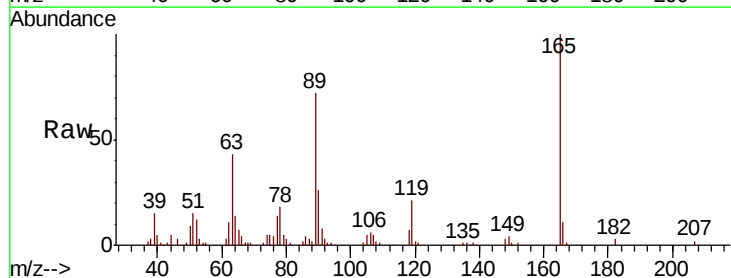


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

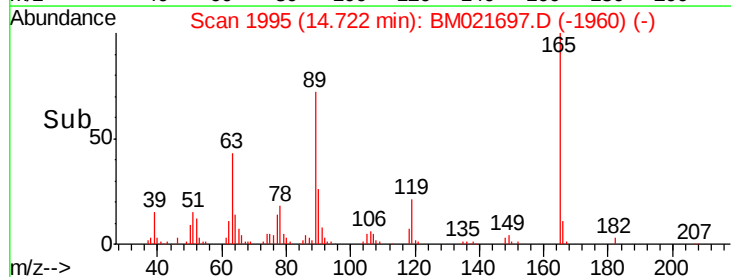
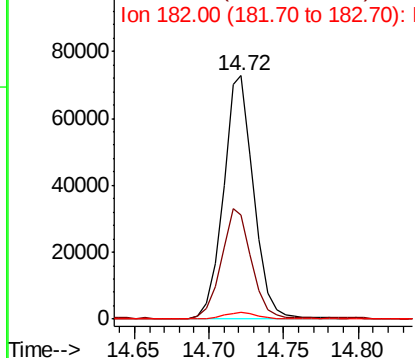


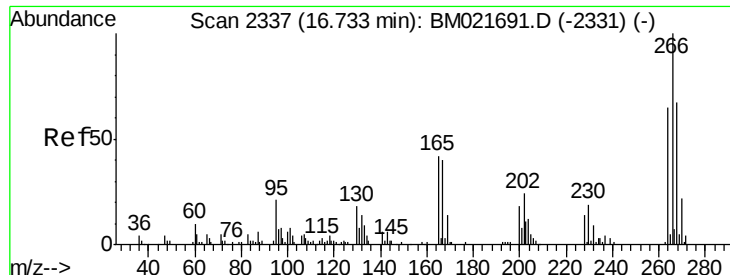
#54
2,4-Dinitrotoluene
Concen: 12.381 ng/ul
RT: 14.72 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BM021697.D
Acq: 29 Jul 2019 16:08

Tgt Ion:165 Resp: 103063
Ion Ratio Lower Upper
165 100
63 42.6 42.7 64.1#
182 2.9 2.3 3.5



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: 9.094 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BM021697.D

Acq: 29 Jul 2019 16:08

Instrument :

BNA_M

ClientSampleId :

A52H9MSD

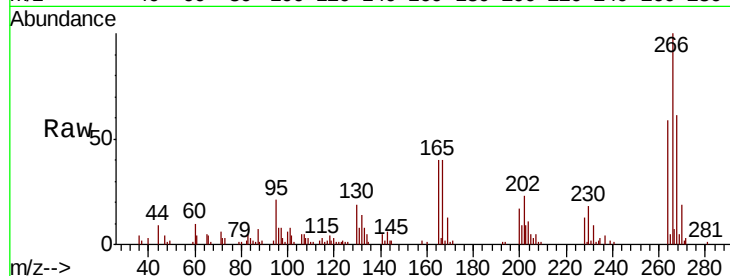
Tot Ion:266 Resp: 67418

Ion Ratio Lower Upper

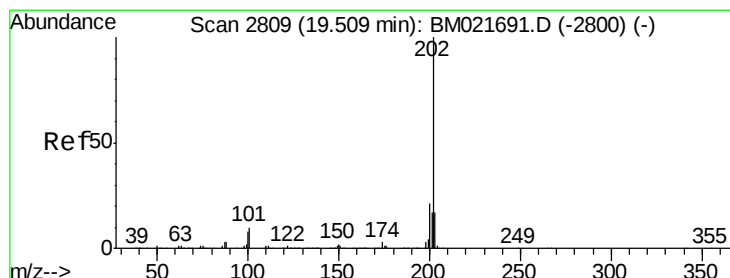
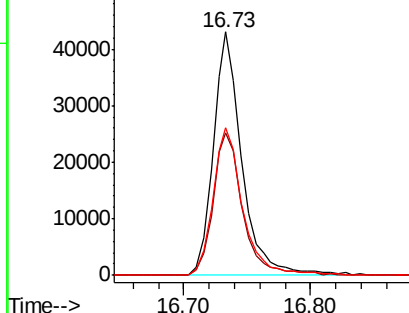
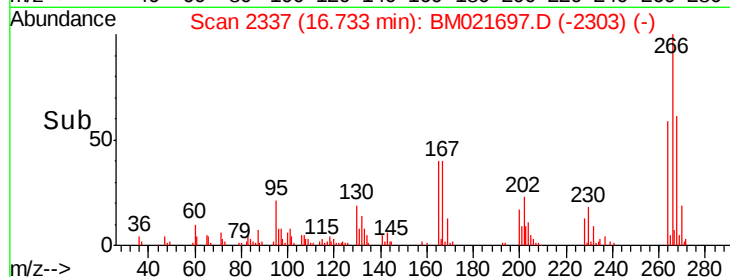
266 100

264 58.6 48.2 72.2

268 60.8 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: 16.179 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BM021697.D

Acq: 29 Jul 2019 16:08

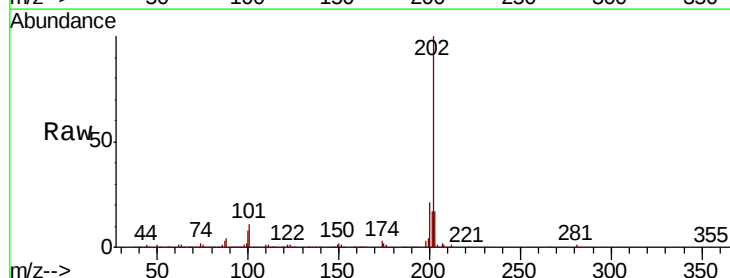
Tgt Ion:202 Resp: 776952

Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.2

100 8.4 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): E

