

Data File : BM021041.D
Acq On : 19 Jun 2019 18:40
Operator : HP/JU
Sample : K3213-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8H8MS

Quant Time: Jun 20 03:48:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	232470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1014131	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	669435	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1567317	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1310065	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1383317	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8032	1.64	ng/uL	0.00
5) Phenol-d5	6.95	99	152222	7.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	352968	29.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	426868	25.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	291393	17.25	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	269435	32.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	299477	32.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	555769	29.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	331	0.02	ng/ul	0.02
43) Dimethylphthalate-d6	13.84	166	2020784	33.41	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2411919	32.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	52616	5.35	ng/ul	0.00
57) Fluorene-d10	15.42	176	1714056	32.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	259541	26.94	ng/ul	0.00
70) Anthracene-d10	17.27	188	2684321	32.96	ng/ul	0.00
78) Pyrene-d10	19.56	212	2770167	35.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2517781	30.85	ng/ul	0.00

Target Compounds

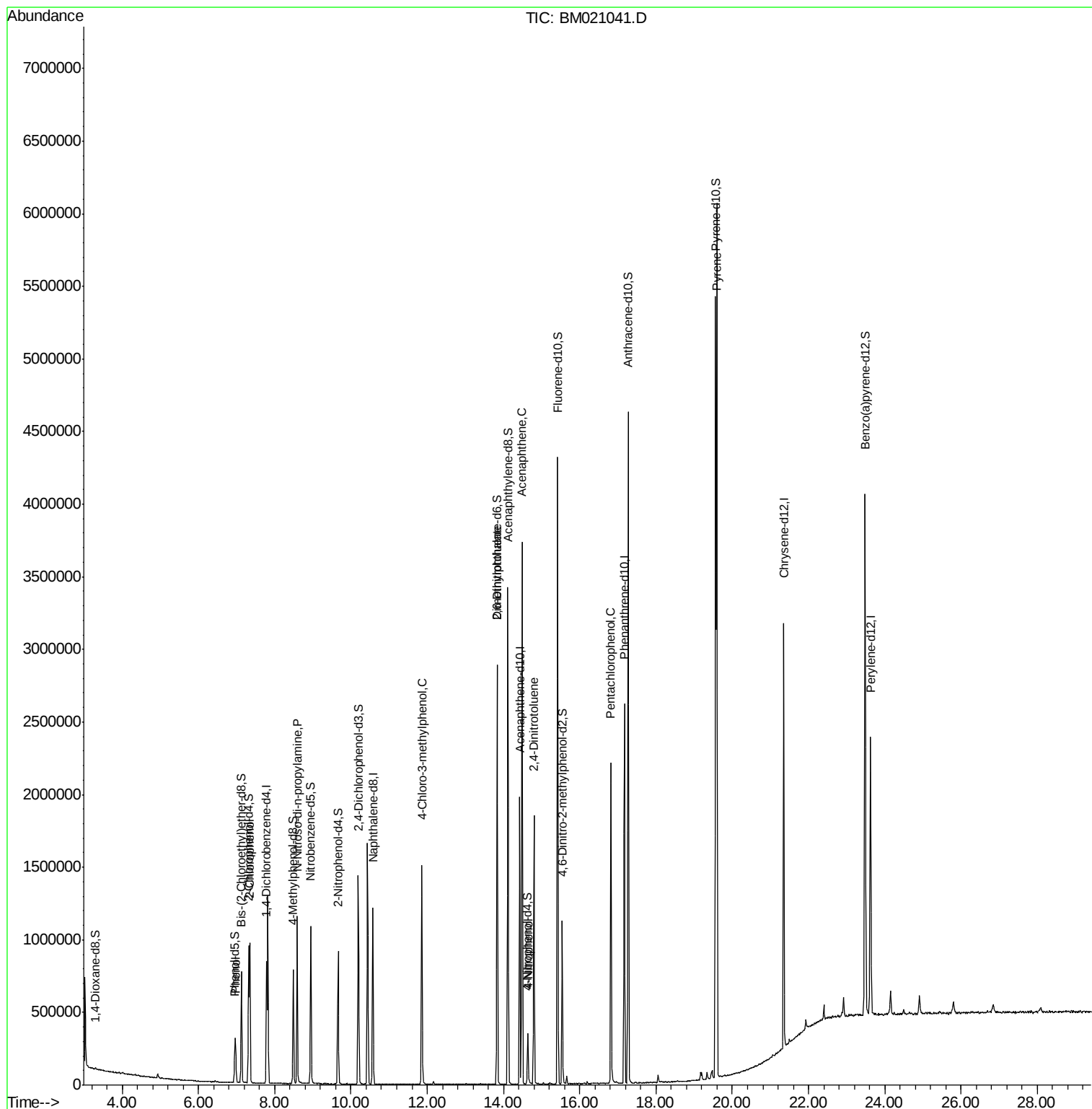
						Qvalue
6) Phenol	6.97	94	158979	8.307	ng/ul	97
10) 2-Chlorophenol	7.35	128	423438	27.329	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	434335	34.330	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	524448	30.400	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	14375	1.368	ng/ul#	38
49) Acenaphthene	14.49	153	1581014	34.018	ng/ul	99
52) 4-Nitrophenol	14.65	109	49743	6.835	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	552943	36.257	ng/ul	99
68) Pentachlorophenol	16.82	266	404538	36.626	ng/ul	97
79) Pyrene	19.59	202	3559031	38.428	ng/ul	99

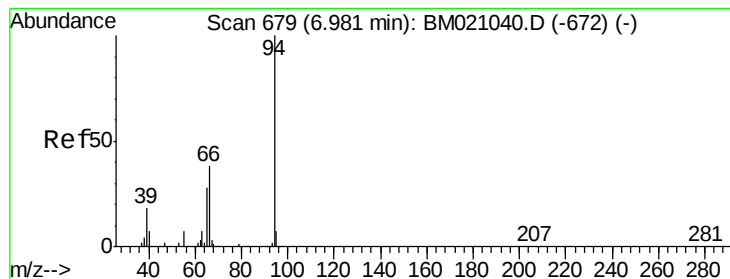
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration





#6

Phenol

Concen: 8.307 ng/ul

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021041.D

Acq: 19 Jun 2019 18:40

Instrument :

BNA_M

ClientSampleId :

DB8H8MS

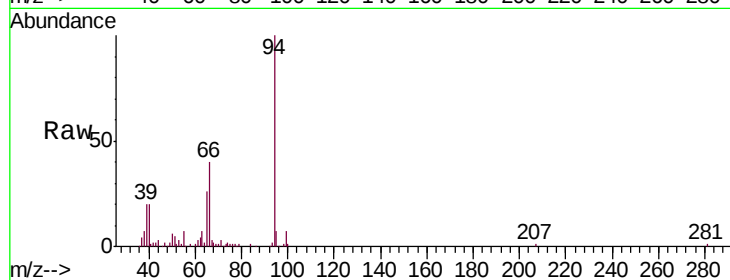
Tgt Ion: 94 Resp: 158979

Ion Ratio Lower Upper

94 100

65 26.3 22.6 34.0

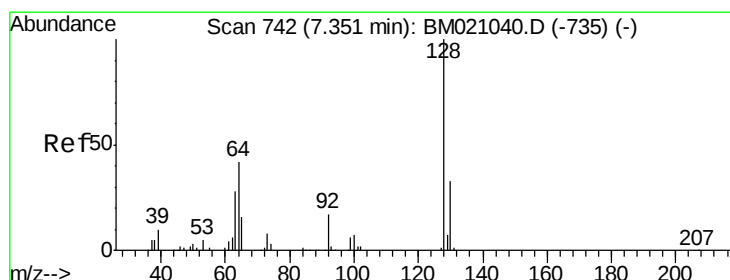
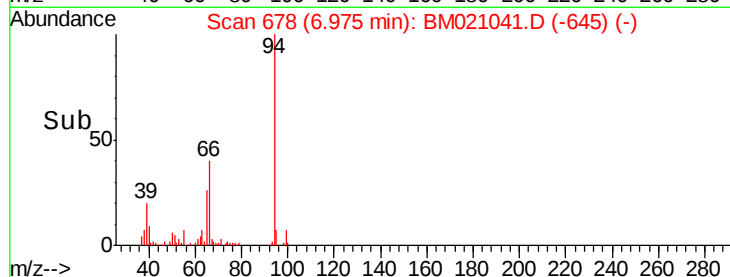
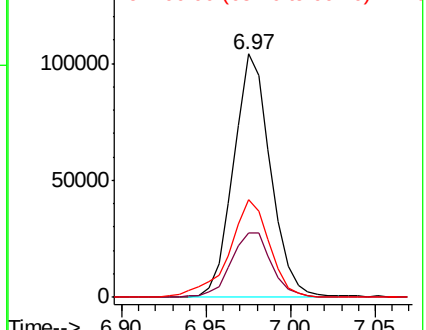
66 40.1 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021041.D (-672) (-)

Ion 65.00 (64.70 to 65.70): BM021041.D (-672) (-)

Ion 66.00 (65.70 to 66.70): BM021041.D (-672) (-)



#10

2-Chlorophenol

Concen: 27.329 ng/ul

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM021041.D

Acq: 19 Jun 2019 18:40

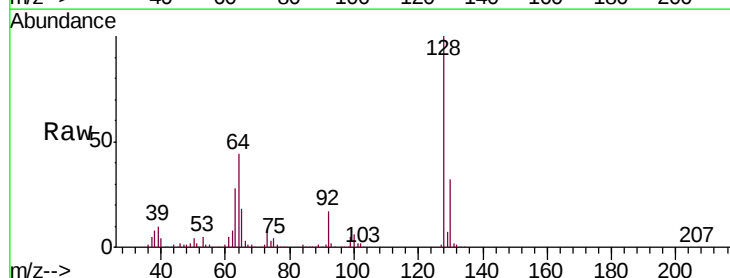
Tgt Ion: 128 Resp: 423438

Ion Ratio Lower Upper

128 100

64 44.0 34.2 51.4

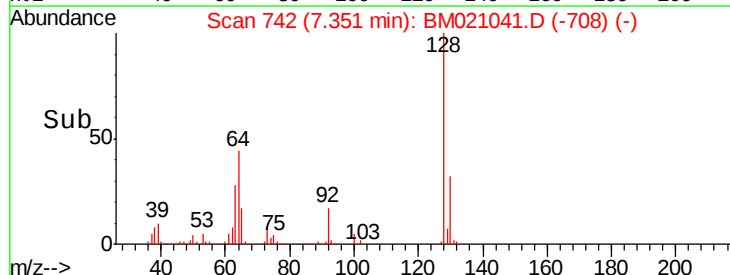
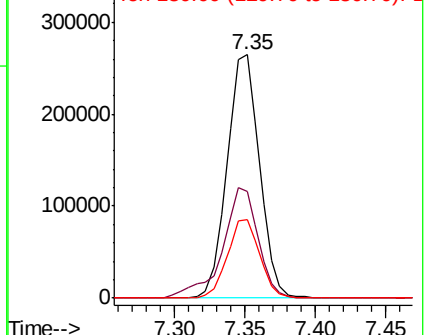
130 32.4 26.8 40.2

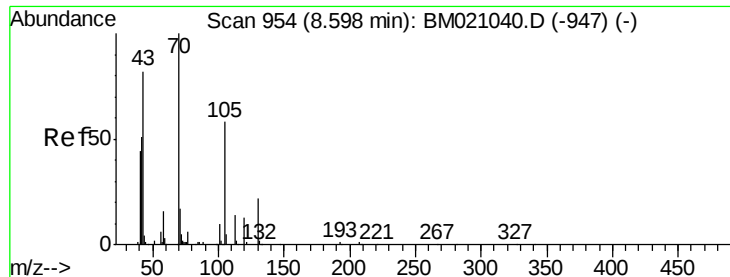


Abundance Ion 128.00 (127.70 to 128.70): BM021041.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM021041.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM021041.D (-735) (-)

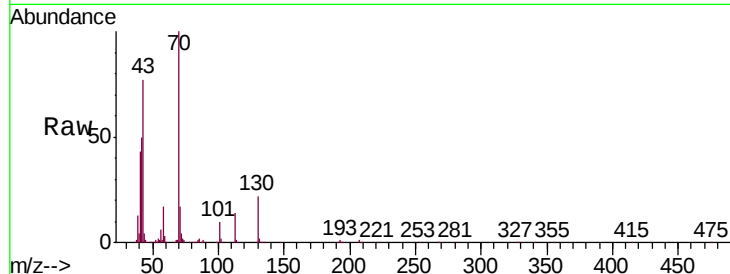




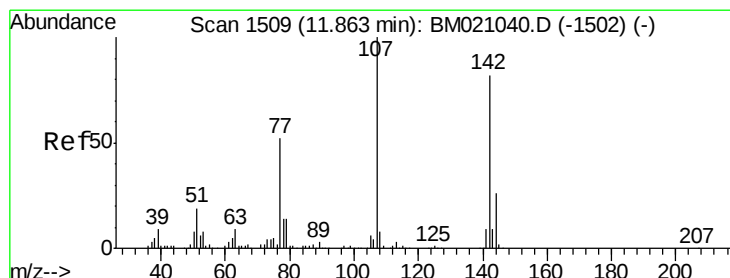
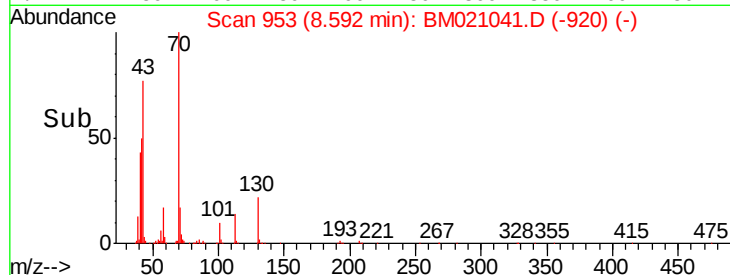
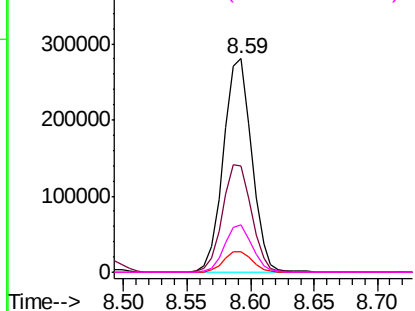
#15
N-Nitroso-di-n-propylamine
Concen: 34.330 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM021041.D
Acq: 19 Jun 2019 18:40

Instrument :
BNA_M
ClientSampleId :
DB8H8MS

Tgt Ion:	70	Resp:	434335
Ion	Ratio	Lower	Upper
70	100		
42	49.6	43.4	65.0
101	9.7	7.8	11.6
130	22.1	18.5	27.7

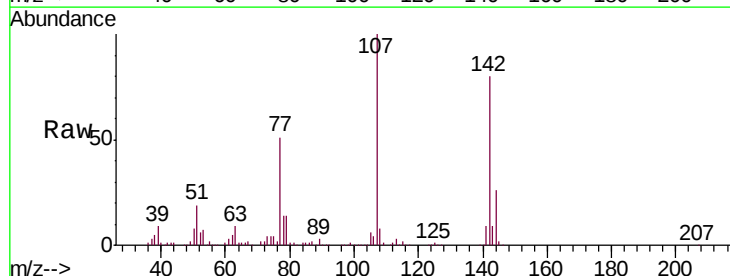


Abundance Ion 70.00 (69.70 to 70.70): BM021041.D (-947) (-)
Ion 42.00 (41.70 to 42.70): BM021041.D (-947) (-)
Ion 101.00 (100.70 to 101.70): BM021041.D (-947) (-)
Ion 130.00 (129.70 to 130.70): BM021041.D (-947) (-)

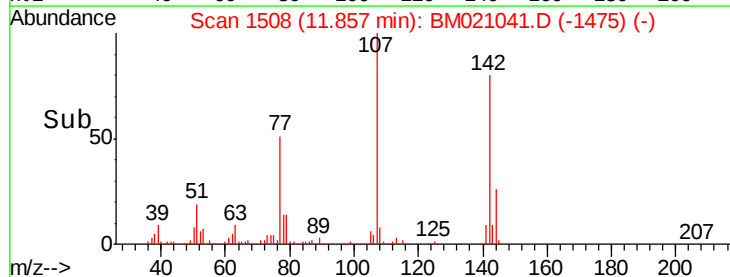
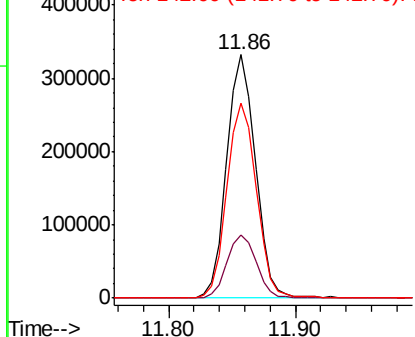


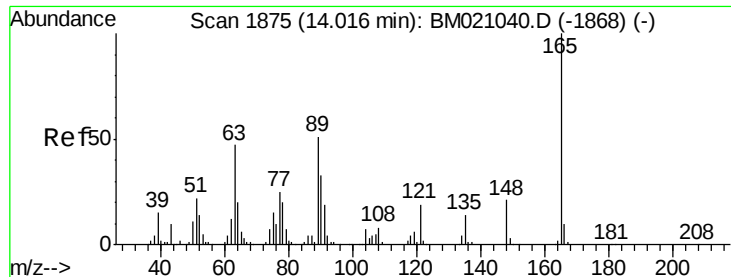
#33
4-Chloro-3-methylphenol
Concen: 30.400 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM021041.D
Acq: 19 Jun 2019 18:40

Tgt Ion:	107	Resp:	524448
Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.4
142	80.3	64.3	96.5



Abundance Ion 107.00 (106.70 to 107.70): BM021041.D (-1502) (-)
Ion 144.00 (143.70 to 144.70): BM021041.D (-1502) (-)
Ion 142.00 (141.70 to 142.70): BM021041.D (-1502) (-)

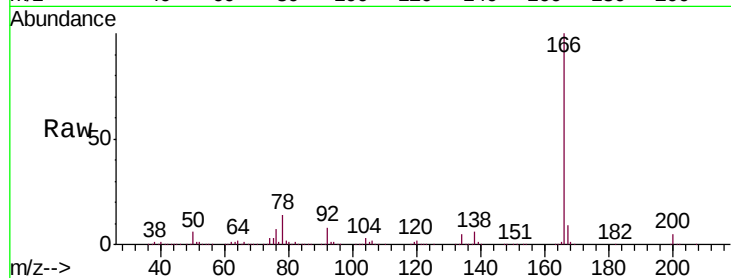




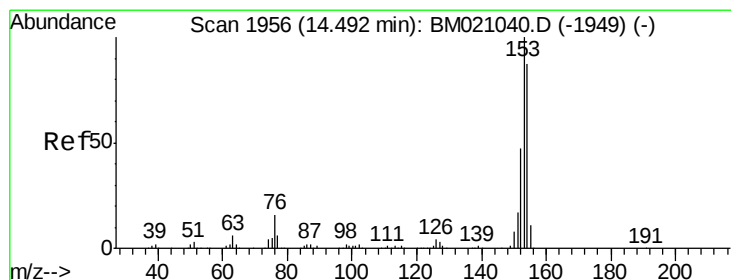
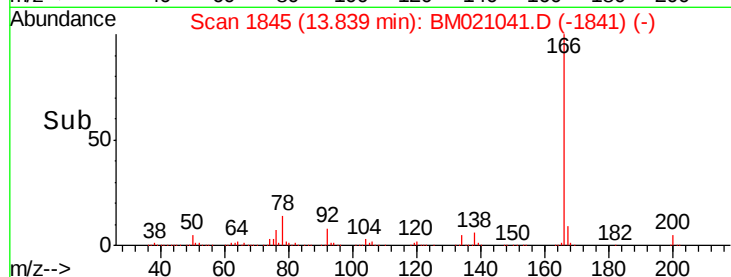
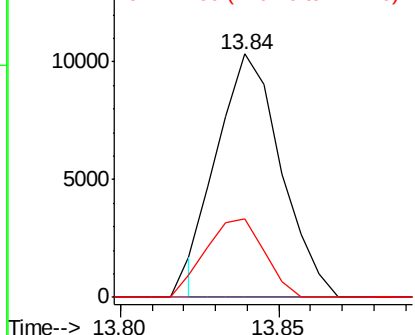
#45
 2,6-Dinitrotoluene
 Concen: 1.368 ng/ul
 RT: 13.84 min Scan# 1845
 Delta R.T. -0.18 min
 Lab File: BM021041.D
 Acq: 19 Jun 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :
 DB8H8MS

Tgt Ion:165 Resp: 14375
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.6 65.4#
 121 32.2 16.5 24.7#

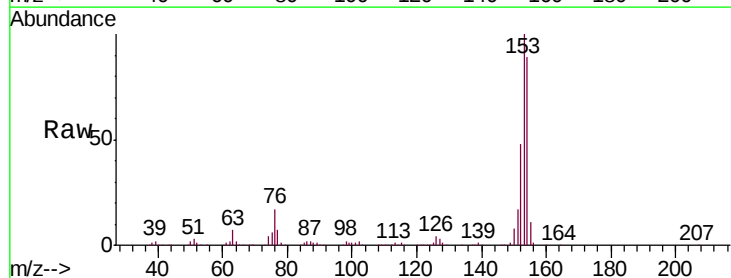


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

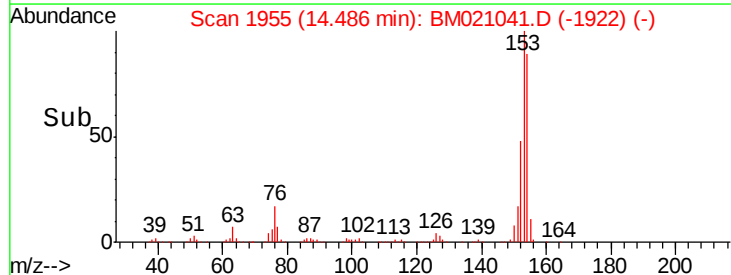
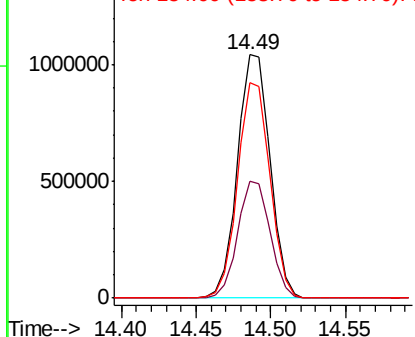


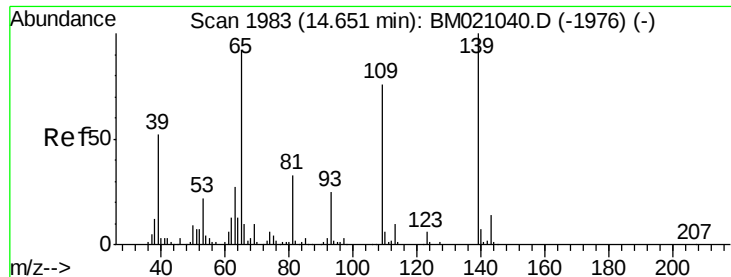
#49
 Acenaphthene
 Concen: 34.018 ng/ul
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM021041.D
 Acq: 19 Jun 2019 18:40

Tgt Ion:153 Resp: 1581014
 Ion Ratio Lower Upper
 153 100
 152 47.9 37.3 55.9
 154 88.6 70.5 105.7



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: 6.835 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM021041.D

Acq: 19 Jun 2019 18:40

Instrument :

BNA_M

ClientSampleId :

DB8H8MS

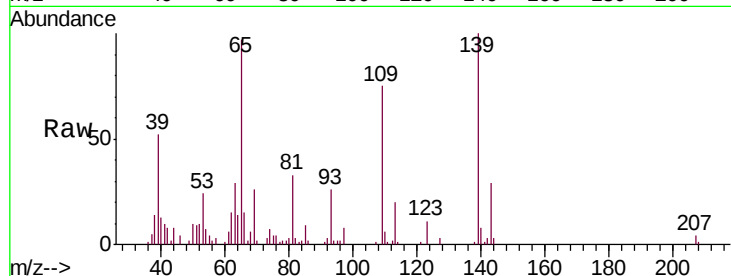
Tgt Ion:109 Resp: 49743

Ion Ratio Lower Upper

109 100

139 134.2 106.2 159.4

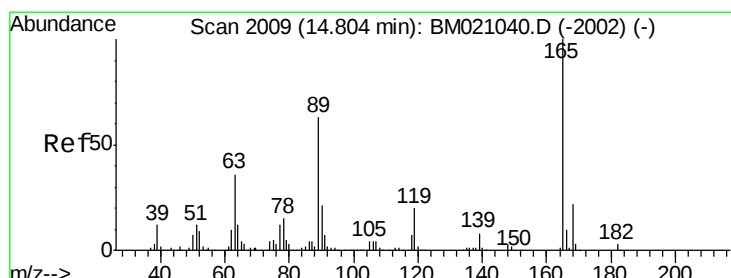
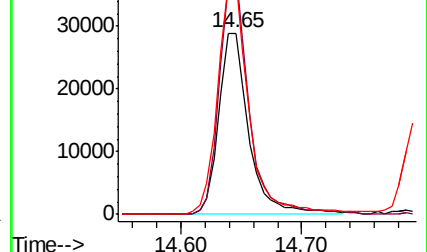
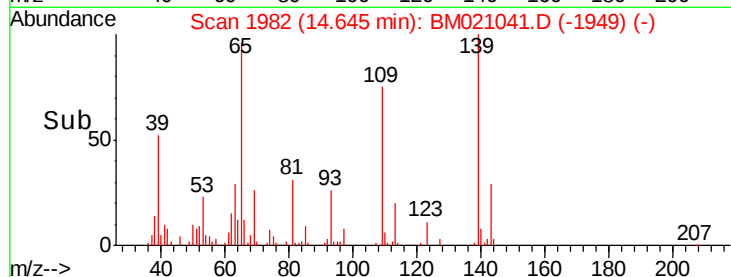
65 129.9 99.6 149.4



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: 36.257 ng/ul

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM021041.D

Acq: 19 Jun 2019 18:40

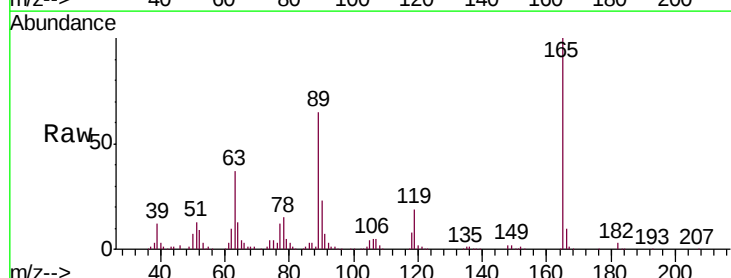
Tgt Ion:165 Resp: 552943

Ion Ratio Lower Upper

165 100

63 37.2 29.4 44.0

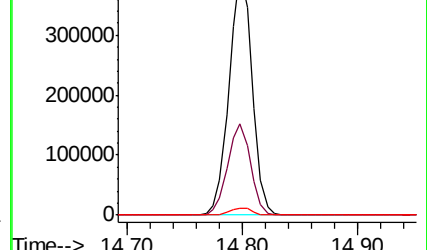
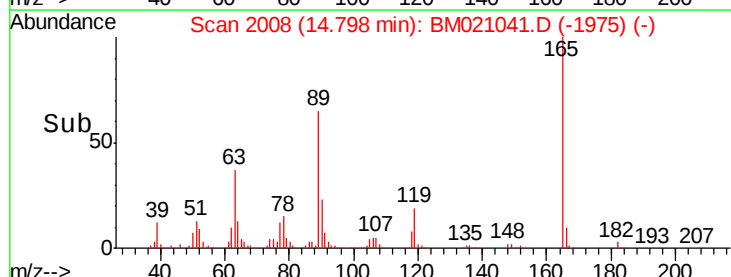
182 3.0 2.1 3.1

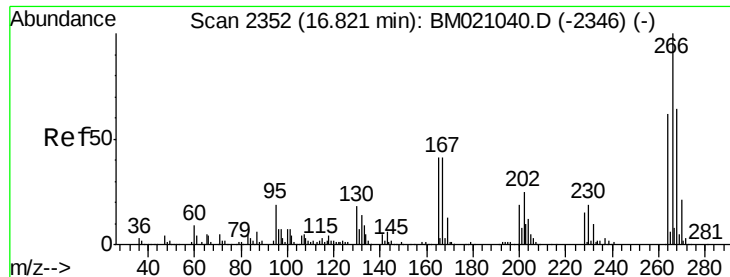


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

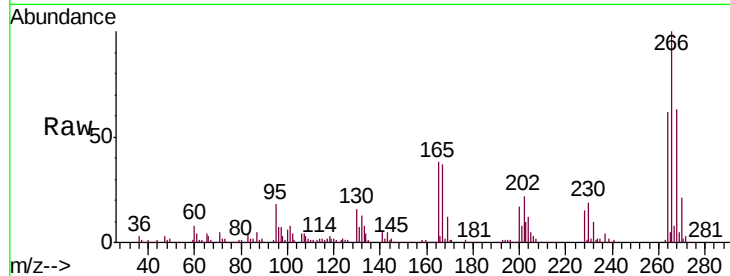




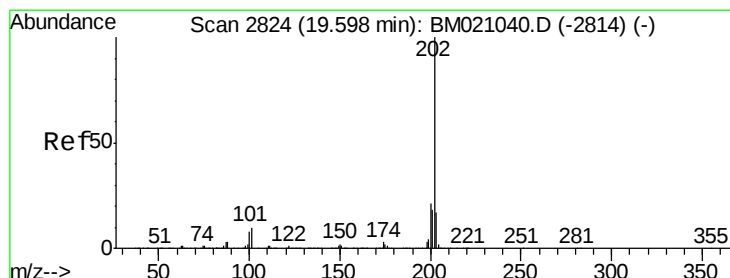
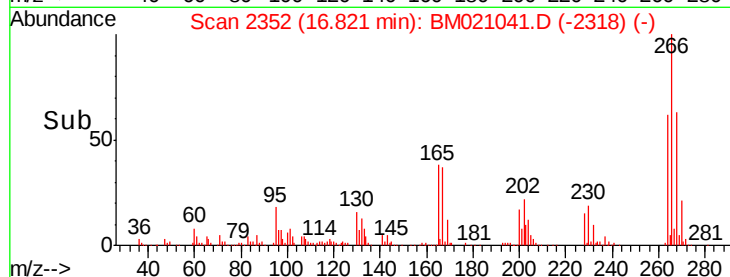
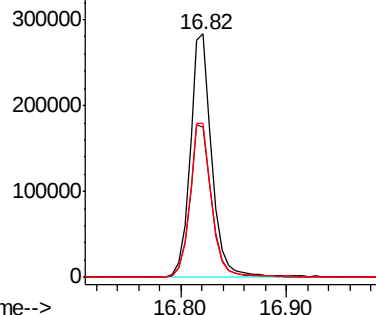
#68
 Pentachlorophenol
 Concen: 36.626 ng/ul
 RT: 16.82 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BM021041.D
 Acq: 19 Jun 2019 18:40

Instrument :
 BNA_M
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 DB8H8MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.9	74.9
268	63.2	53.4	80.0

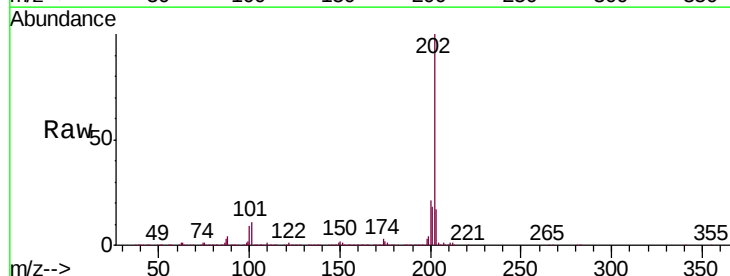


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 38.428 ng/ul
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.1	12.1
100	8.8	6.6	10.0



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

