

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020378.D
 Acq On : 17 May 2019 23:08
 Operator : JU/SJ
 Sample : K2633-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ95MSD

Quant Time: May 18 04:20:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 04:16:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	57424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	201340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	120000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	299758	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	313279	20.00	ng/ul	-0.01
85) Perylene-d12	23.60	264	356745	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9318	5.99	ng/uL	0.00
5) Phenol-d5	6.90	99	133433	29.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	86975	29.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	102797	30.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	94491	28.32	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	44535	34.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	46990	32.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	97453	31.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	108158	34.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	314443	36.42	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	388331	35.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	30064	23.98	ng/ul	0.00
57) Fluorene-d10	15.38	176	285605	37.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	34053	19.94	ng/ul	0.00
70) Anthracene-d10	17.23	188	449793	34.98	ng/ul	0.00
78) Pyrene-d10	19.53	212	541686	35.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	583123	35.97	ng/ul	-0.01

Target Compounds

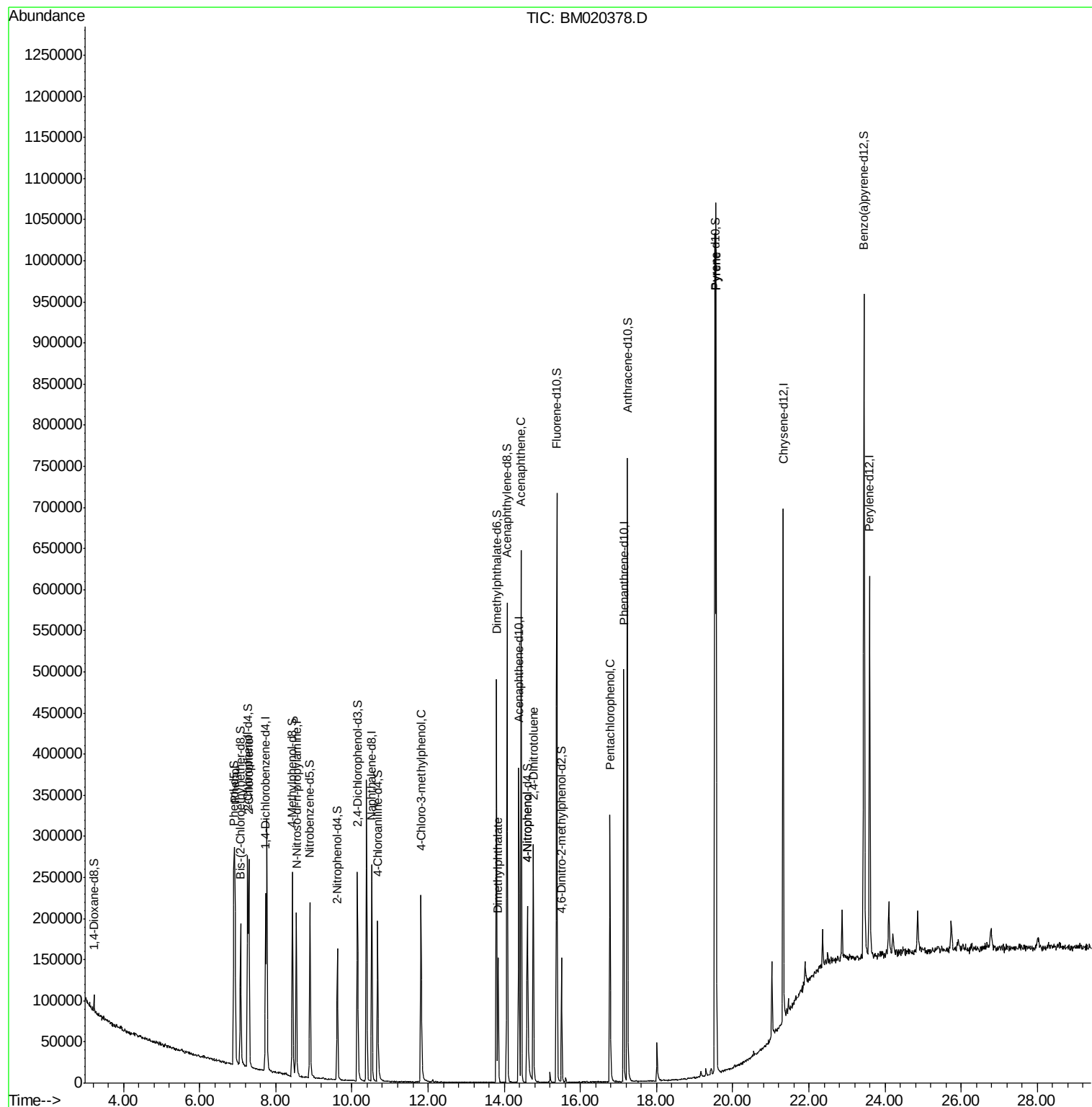
					Ovalue
6) Phenol	6.93	94	141003	29.260	ng/ul 99
10) 2-Chlorophenol	7.29	128	99074	28.895	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.54	70	93273	28.696	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	94013	31.295	ng/ul 92
44) Dimethylphthalate	13.84	163	87851	10.286	ng/ul 99
49) Acenaphthene	14.45	153	234701	33.523	ng/ul 99
52) 4-Nitrophenol	14.61	109	34994	26.703	ng/ul 99
54) 2,4-Dinitrotoluene	14.76	165	73777	32.338	ng/ul 98
68) Pentachlorophenol	16.78	266	66481	29.807	ng/ul 96
79) Pyrene	19.56	202	639715	34.021	ng/ul 99

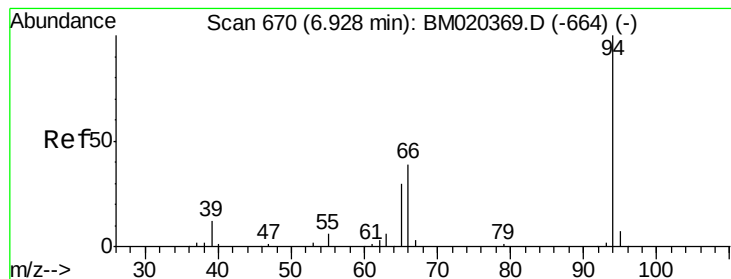
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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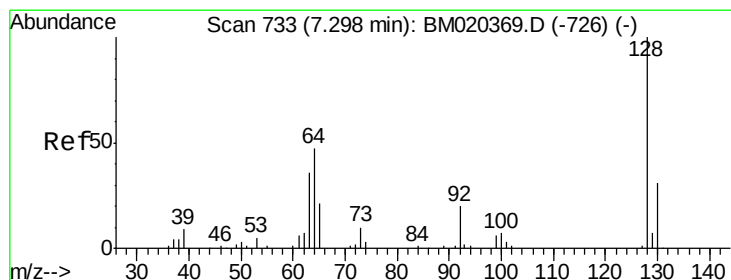
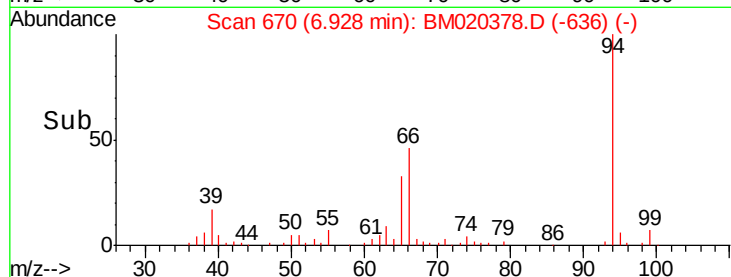
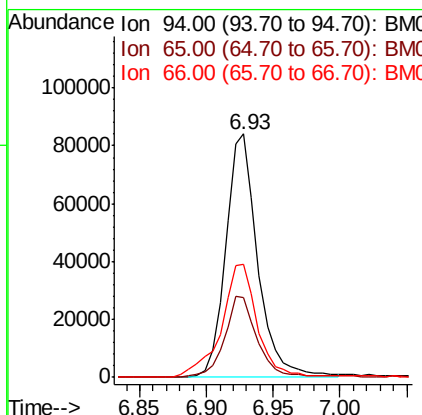
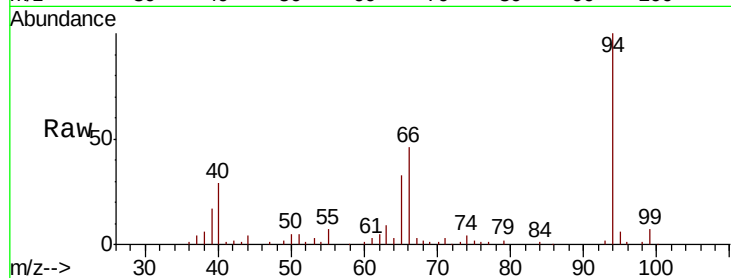
#6

Phenol

Concen: 29.260 ng/ul
 RT: 6.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BM020378.D
 Acq: 17 May 2019 23:08

Instrument :
 BNA_M
 ClientSampled :
 GAJ95MSD

Tot Ion: 94 Resp: 141003
 Ion Ratio Lower Upper
 94 100
 65 32.9 25.4 38.0
 66 46.2 36.5 54.7

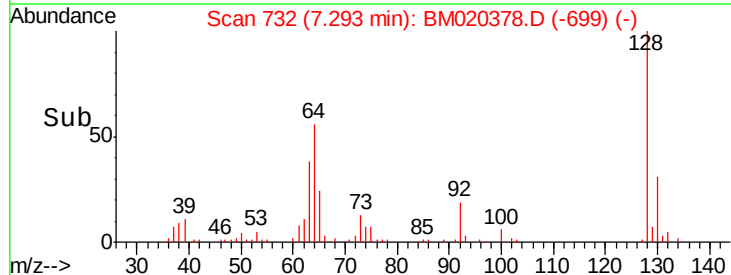
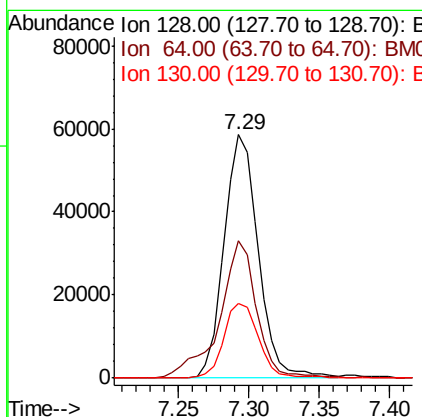
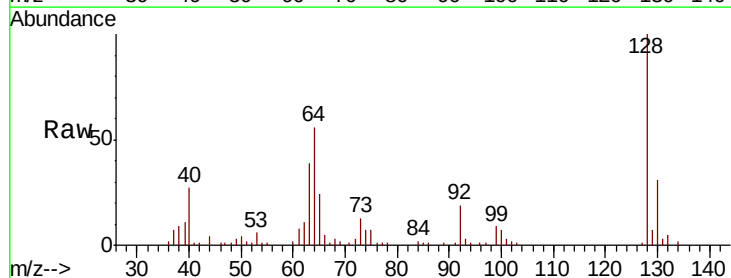


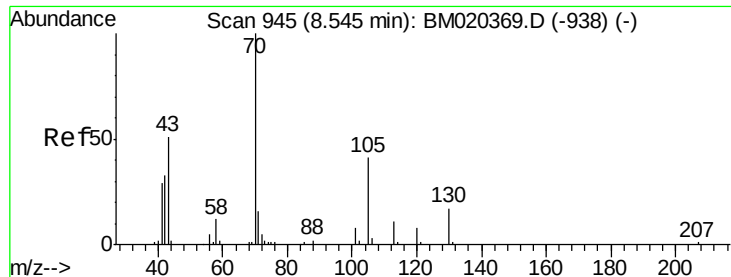
#10

2-Chlorophenol

Concen: 28.895 ng/ul
 RT: 7.29 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BM020378.D
 Acq: 17 May 2019 23:08

Tgt Ion: 128 Resp: 99074
 Ion Ratio Lower Upper
 128 100
 64 56.2 40.6 60.8
 130 30.8 25.1 37.7





#15

N-Nitroso-di-n-propylamine

Concen: 28.696 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM020378.D

Acq: 17 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

GAJ95MSD

Tot Ion: 70 Resp: 93273

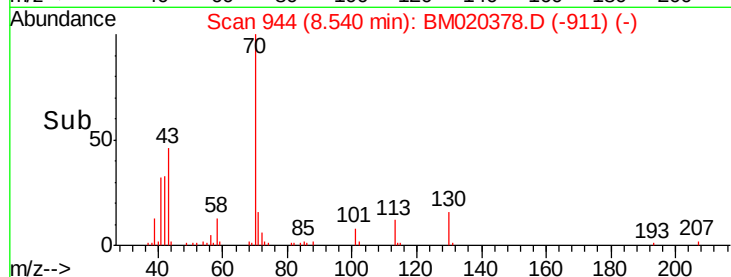
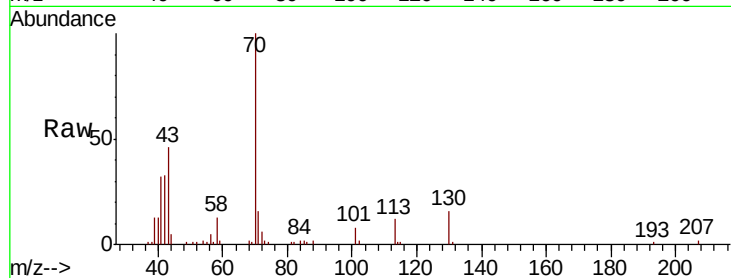
Ion Ratio Lower Upper

70 100

42 32.5 26.5 39.7

101 8.3 7.2 10.8

130 16.3 12.9 19.3

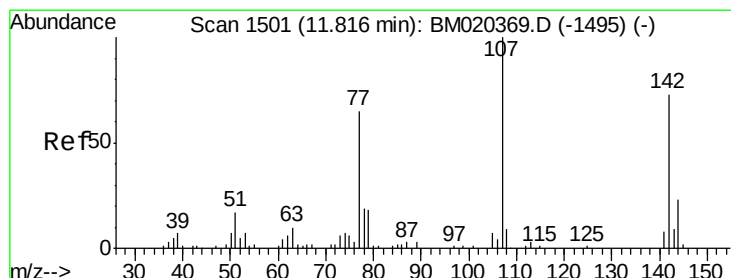
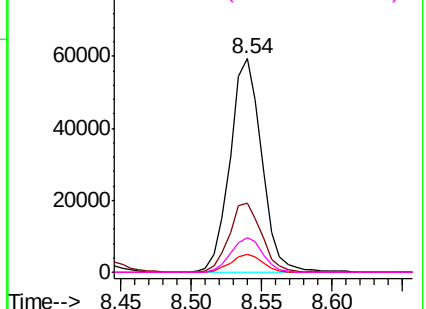


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 31.295 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM020378.D

Acq: 17 May 2019 23:08

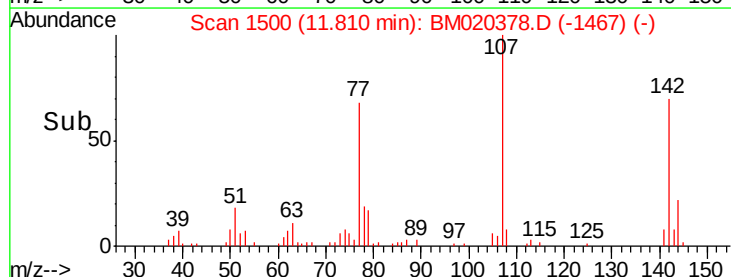
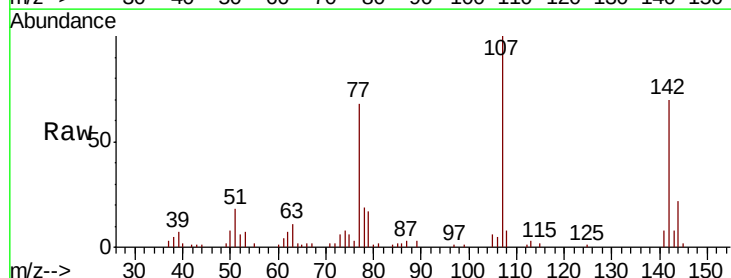
Tgt Ion:107 Resp: 94013

Ion Ratio Lower Upper

107 100

144 22.0 21.2 31.8

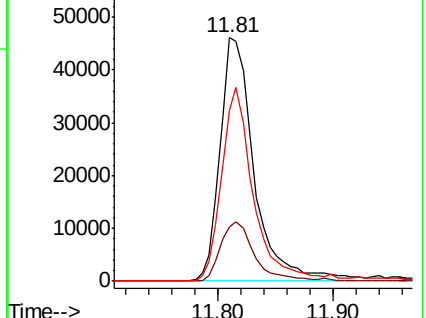
142 70.3 61.3 91.9

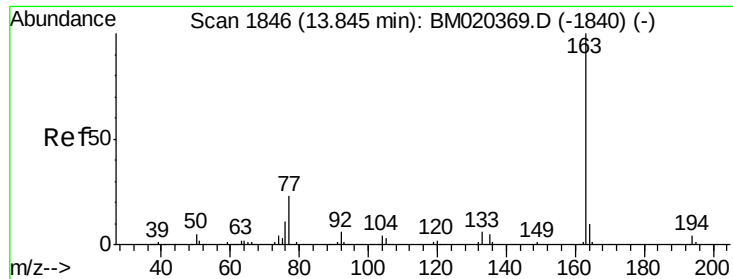


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

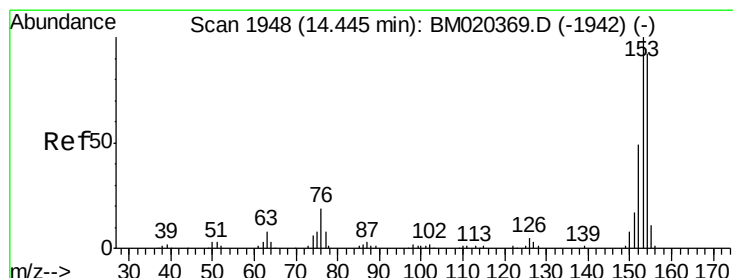
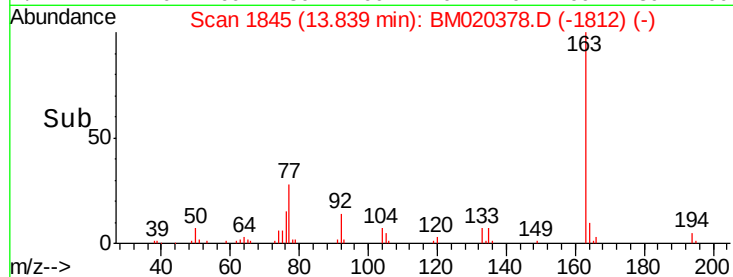
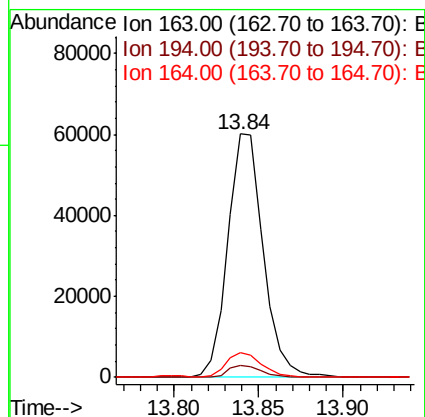
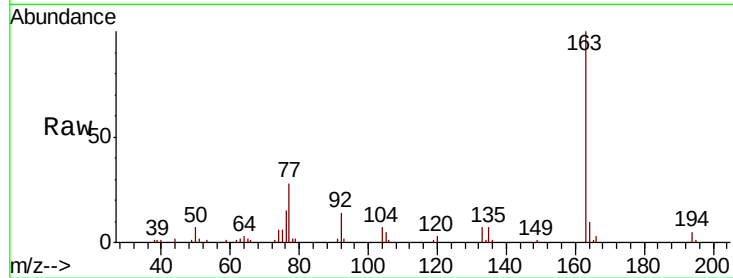




#44
Dimethylphthalate
Concen: 10.286 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM020378.D
Acq: 17 May 2019 23:08

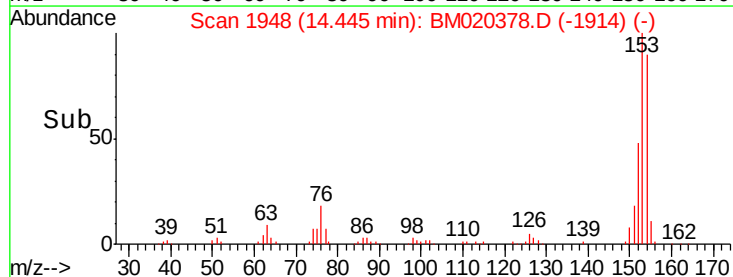
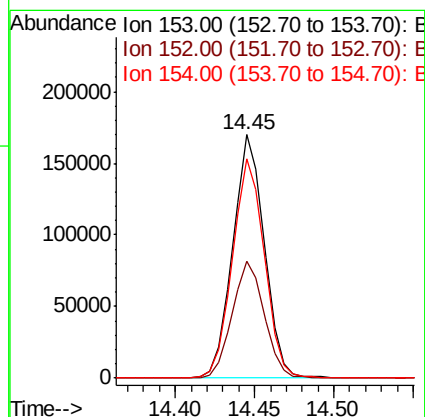
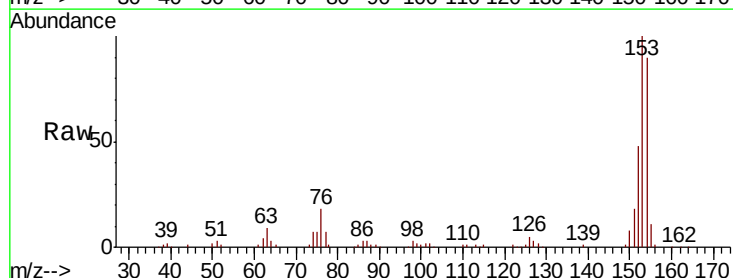
Instrument :
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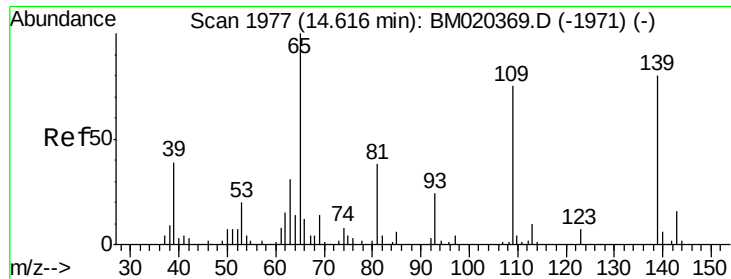
Tot Ion:163 Resp: 87851
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 10.4 8.0 12.0



#49
Acenaphthene
Concen: 33.523 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020378.D
Acq: 17 May 2019 23:08

Tgt Ion:153 Resp: 234701
Ion Ratio Lower Upper
153 100
152 48.2 37.9 56.9
154 90.2 71.2 106.8





#52

4-Nitrophenol

Concen: 26.703 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM020378.D

Acq: 17 May 2019 23:08

Instrument :

BNA_M

ClientSampleId :

GAJ95MSD

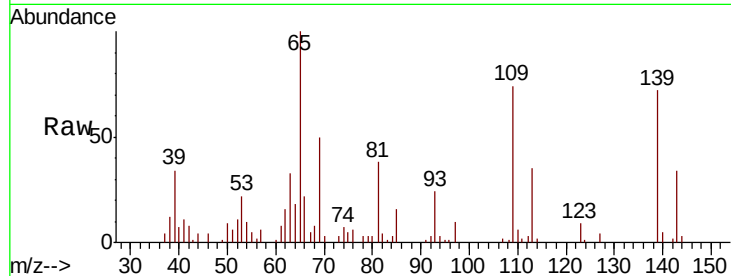
Tot Ion:109 Resp: 34994

Ion Ratio Lower Upper

109 100

139 97.2 78.2 117.2

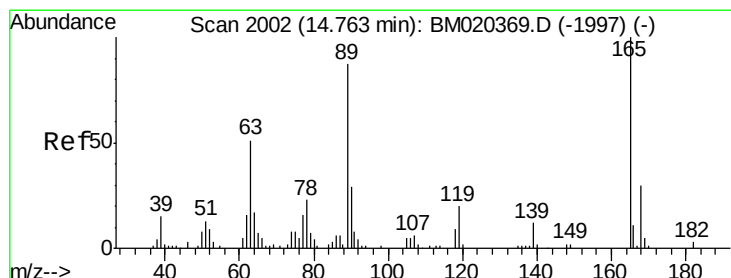
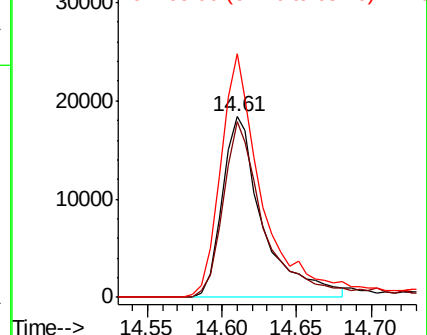
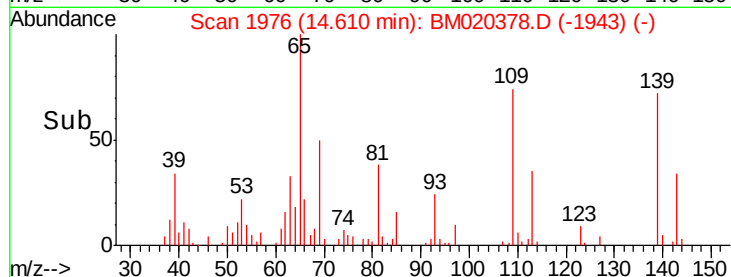
65 134.9 109.4 164.0



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: 32.338 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM020378.D

Acq: 17 May 2019 23:08

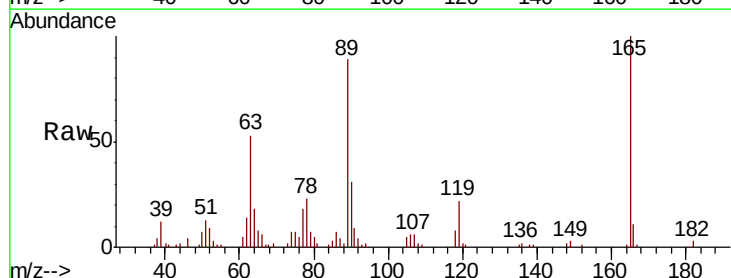
Tgt Ion:165 Resp: 73777

Ion Ratio Lower Upper

165 100

63 52.7 43.2 64.8

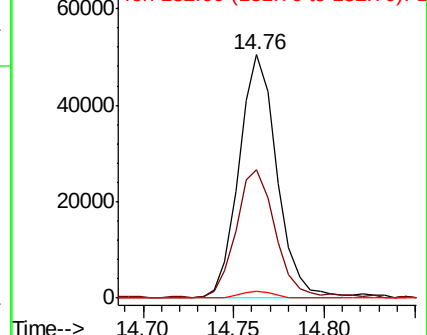
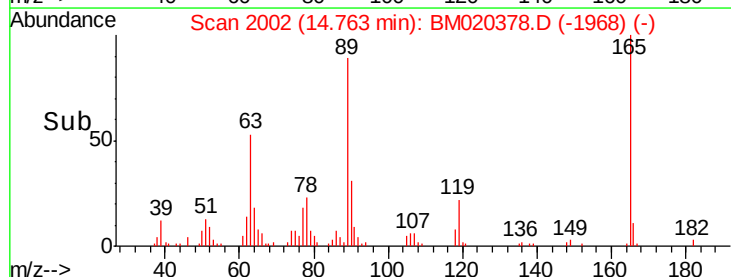
182 2.9 2.6 4.0

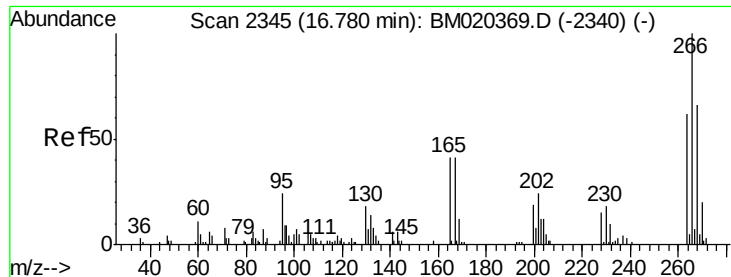


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

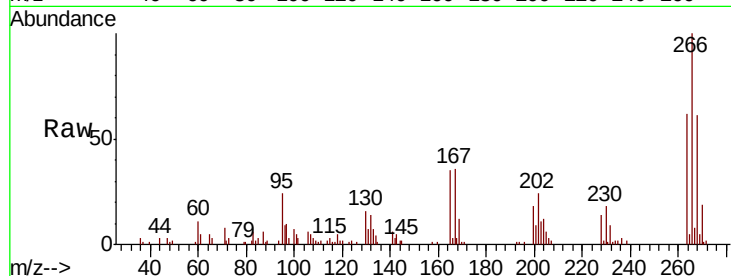




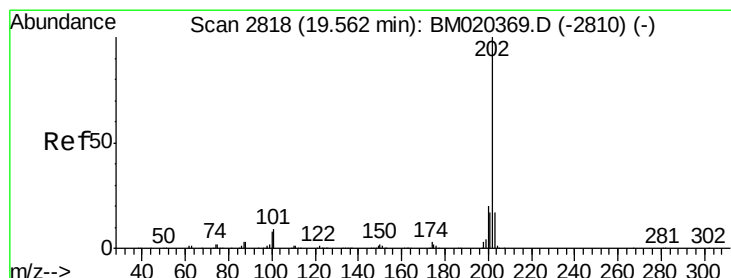
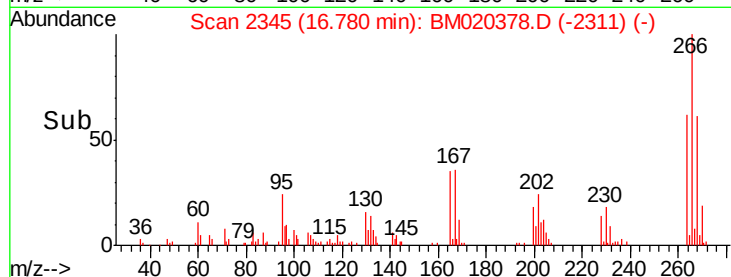
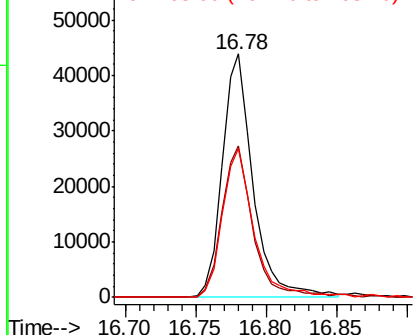
#68
 Pentachlorophenol
 Concen: 29.807 ng/ul
 RT: 16.78 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BM020378.D
 Acq: 17 May 2019 23:08

Instrument :
 BNA_M
 ClientSampleId :
 GAJ95MSD

Tot Ion:266 Resp: 66481
 Ion Ratio Lower Upper
 266 100
 264 62.4 47.4 71.2
 268 61.3 51.2 76.8

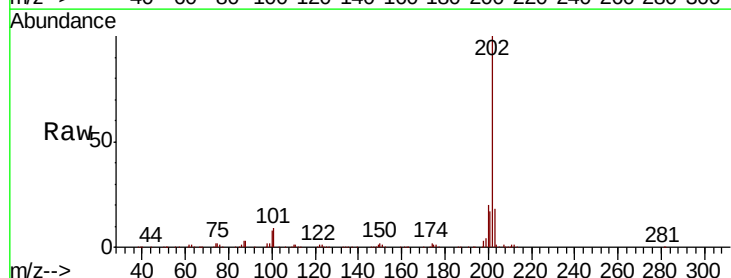


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 34.021 ng/ul
 RT: 19.56 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BM020378.D
 Acq: 17 May 2019 23:08

Tgt Ion:202 Resp: 639715
 Ion Ratio Lower Upper
 202 100
 101 8.6 7.1 10.7
 100 7.7 5.9 8.9



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

