

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
 Data File : BM021116.D
 Acq On : 23 Jun 2019 01:54
 Operator : HP/JU
 Sample : K3362-19MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4210MSD

Quant Time: Jun 24 00:53:28 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	7.77	152	292169	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1268840	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	784943	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1676304	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1300736	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1435246	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	25402	4.13	ng/uL	0.00
5) Phenol-d5	6.94	99	514320	20.22	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	323768	21.37	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	434554	21.03	ng/ul	-0.02
13) 4-Methylphenol-d8	8.48	113	435637	20.52	ng/ul	-0.01
19) Nitrobenzene-d5	8.93	128	228703	22.20	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	253693	22.18	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	496830	21.36	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	503090	20.74	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	1669796	23.54	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1916685	22.08	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	191836	16.63	ng/ul	-0.01
57) Fluorene-d10	15.41	176	1395224	22.62	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	181238	17.59	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1995908	22.91	ng/ul	-0.01
78) Pyrene-d10	19.56	212	1998377	25.60	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.47	264	1951987	23.05	ng/ul	-0.02

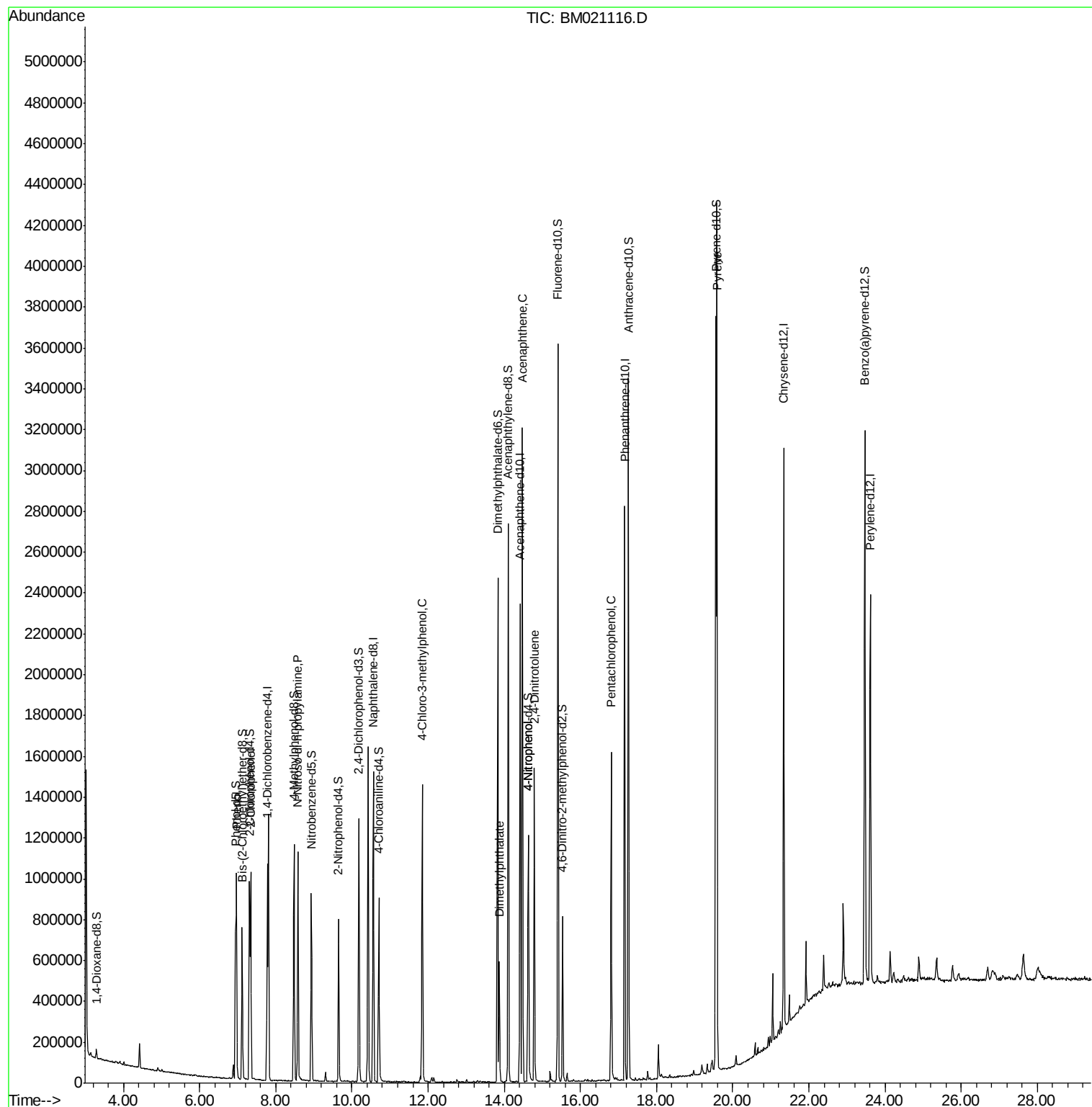
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.97	94	530577	22.058	ng/ul	99
10) 2-Chlorophenol	7.34	128	445071	22.856	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	402942	25.341	ng/ul	96
33) 4-Chloro-3-methylphenol	11.85	107	514233	23.825	ng/ul	96
44) Dimethylphthalate	13.87	163	386751	5.990	ng/ul	98
49) Acenaphthene	14.48	153	1345637	24.693	ng/ul	99
52) 4-Nitrophenol	14.63	109	170242	19.950	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	466537	26.090	ng/ul	99
68) Pentachlorophenol	16.81	266	302480	25.605	ng/ul	99
79) Pyrene	19.58	202	2629626	28.596	ng/ul	100

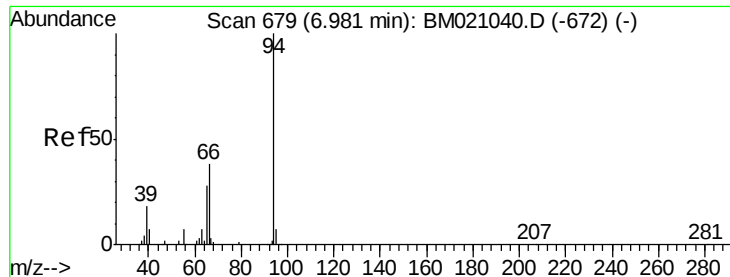
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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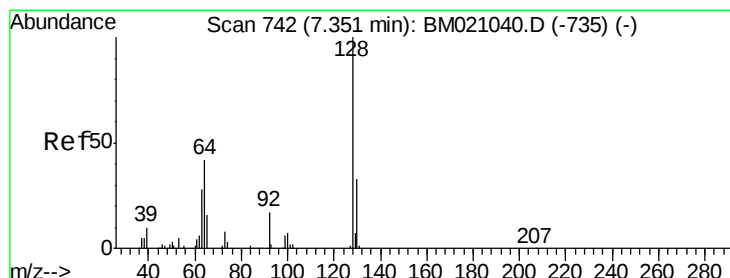
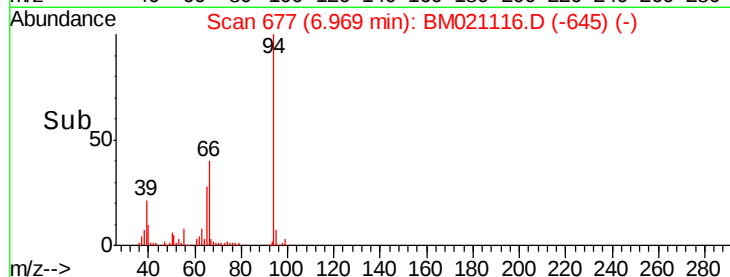
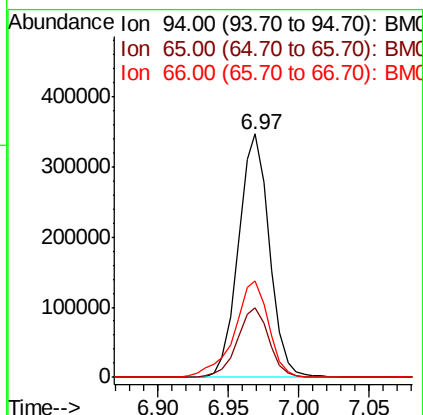
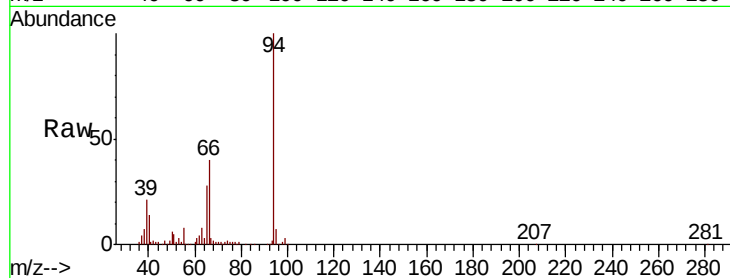
#6

Phenol

Concen: 22.058 ng/ul
 RT: 6.97 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BM021116.D
 Acq: 23 Jun 2019 01:54

Instrument :
 BNA_M
 ClientSampleId :
 A4210MSD

Tgt Ion: 94 Resp: 530577
 Ion Ratio Lower Upper
 94 100
 65 28.5 22.6 34.0
 66 39.7 31.2 46.8

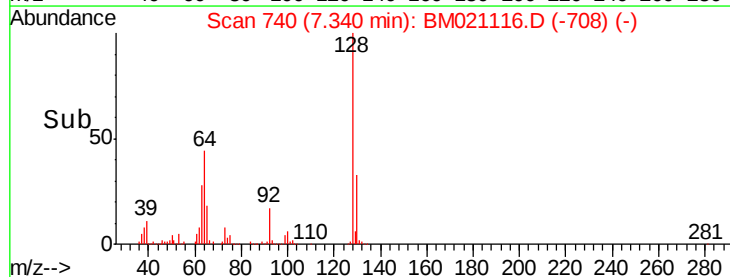
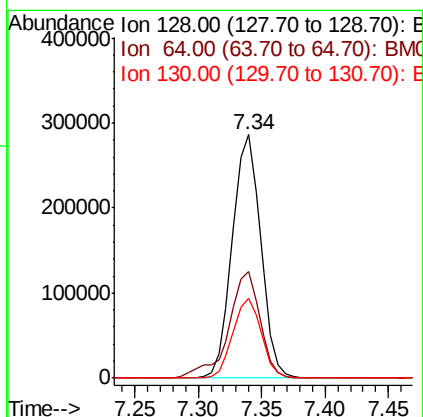
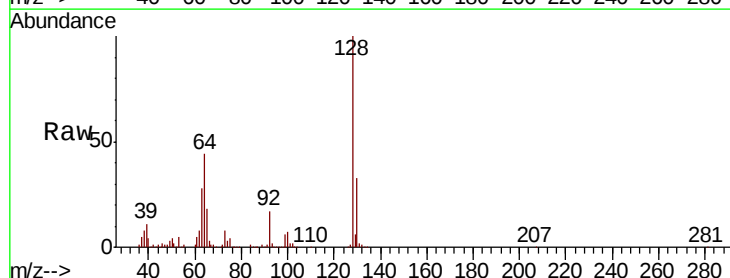


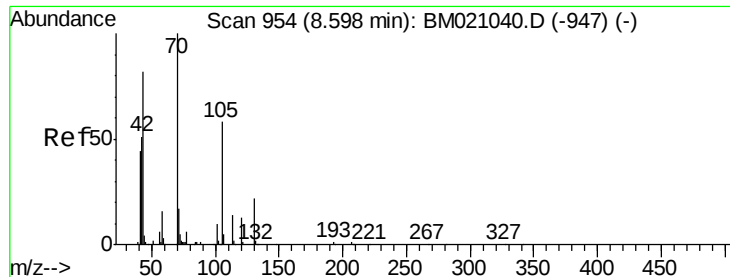
#10

2-Chlorophenol

Concen: 22.856 ng/ul
 RT: 7.34 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BM021116.D
 Acq: 23 Jun 2019 01:54

Tgt Ion: 128 Resp: 445071
 Ion Ratio Lower Upper
 128 100
 64 43.7 34.2 51.4
 130 32.8 26.8 40.2





#15

N-Nitroso-di-n-propylamine

Concen: 25.341 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM021116.D

Acq: 23 Jun 2019 01:54

Instrument :

BNA_M

ClientSampleId :

A4210MSD

Tgt Ion: 70 Resp: 402942

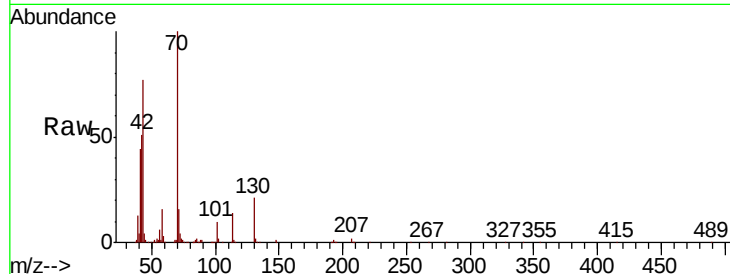
Ion Ratio Lower Upper

70 100

42 50.6 43.4 65.0

101 10.1 7.8 11.6

130 21.3 18.5 27.7



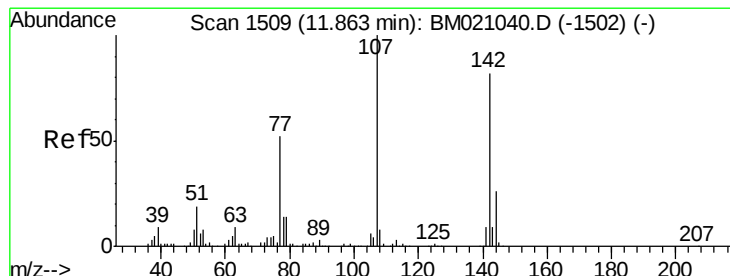
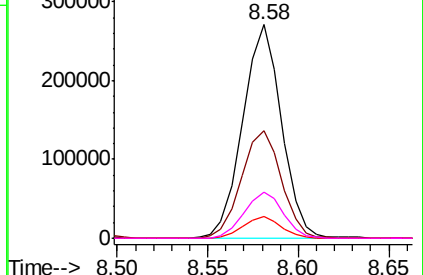
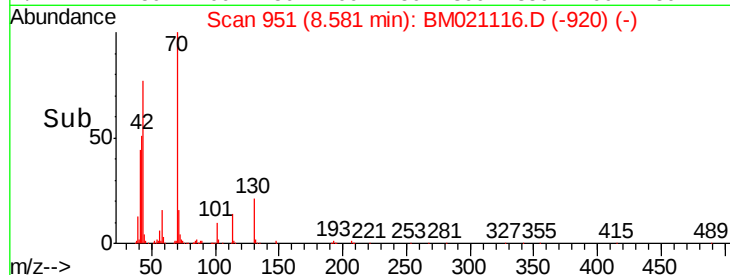
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time--> 8.50 8.55 8.60 8.65



#33

4-Chloro-3-methylphenol

Concen: 23.825 ng/ul

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM021116.D

Acq: 23 Jun 2019 01:54

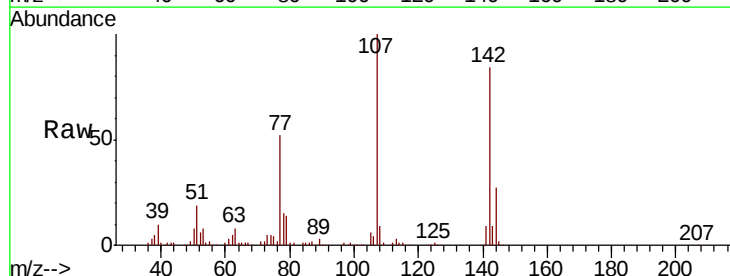
Tgt Ion: 107 Resp: 514233

Ion Ratio Lower Upper

107 100

144 27.2 21.0 31.4

142 84.3 64.3 96.5

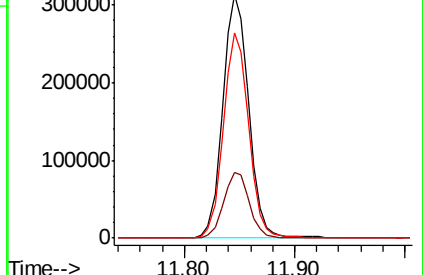
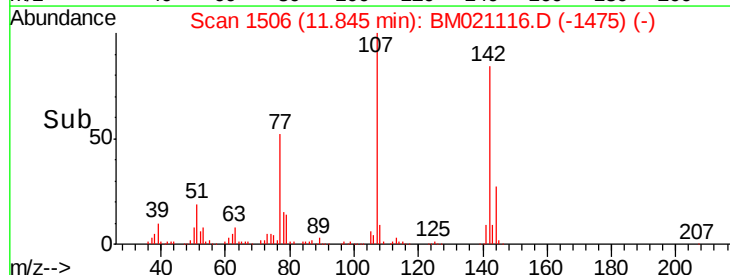


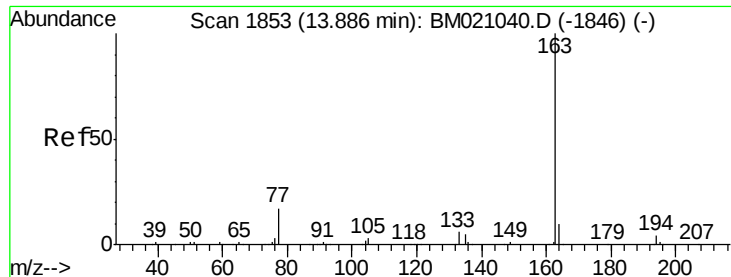
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time--> 11.80 11.90





#44

Dimethylphthalate

Concen: 5.990 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021116.D

Acq: 23 Jun 2019 01:54

Instrument :

BNA_M

ClientSampleId :

A4210MSD

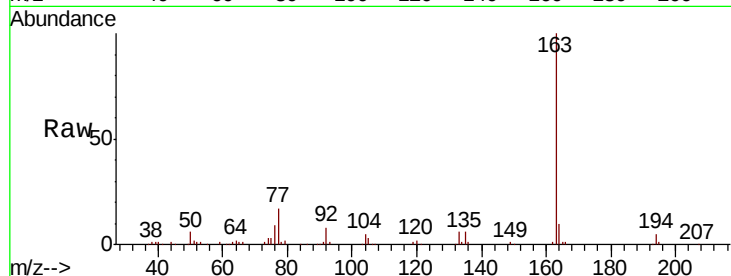
Tgt Ion:163 Resp: 386751

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

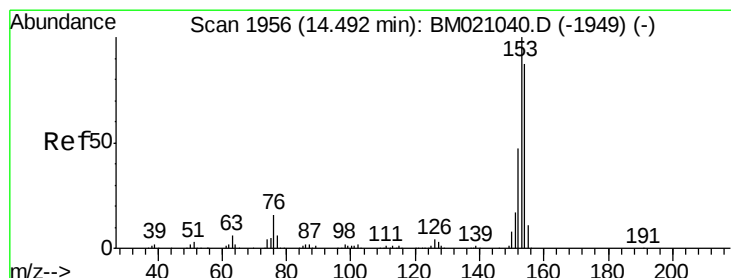
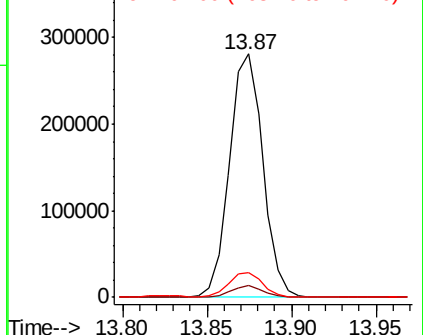
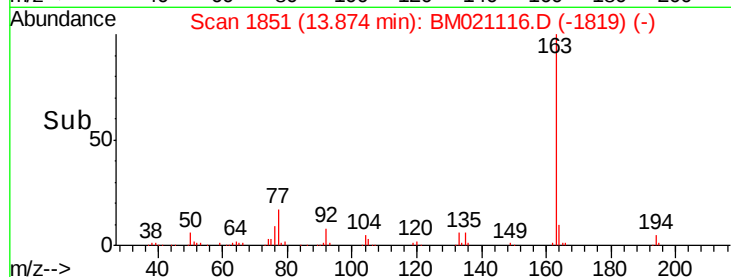
164 10.2 7.7 11.5



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: 24.693 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM021116.D

Acq: 23 Jun 2019 01:54

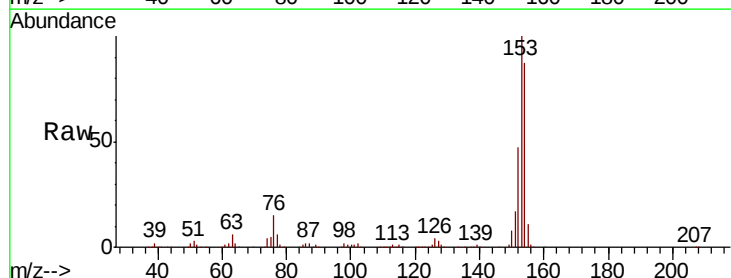
Tgt Ion:153 Resp: 1345637

Ion Ratio Lower Upper

153 100

152 47.1 37.3 55.9

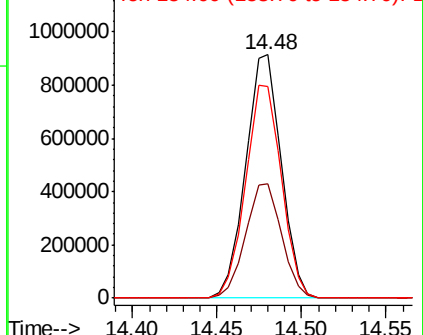
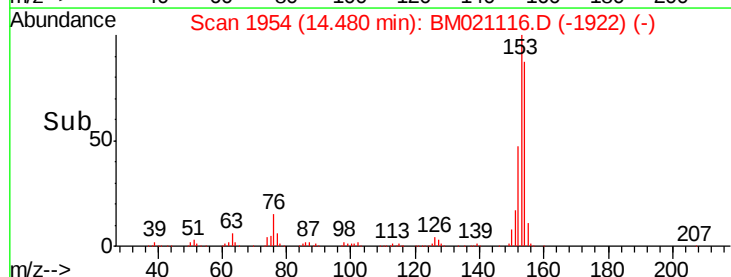
154 86.8 70.5 105.7

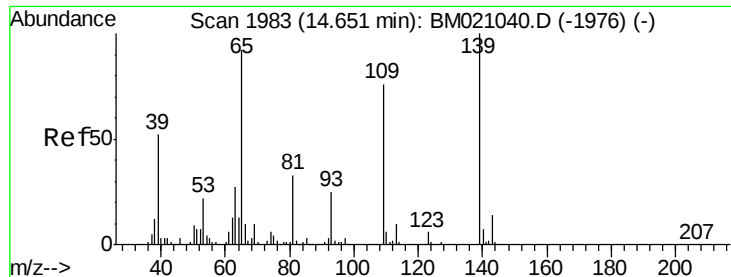


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.950 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BM021116.D

Acq: 23 Jun 2019 01:54

Instrument :

BNA_M

ClientSampleId :

A4210MSD

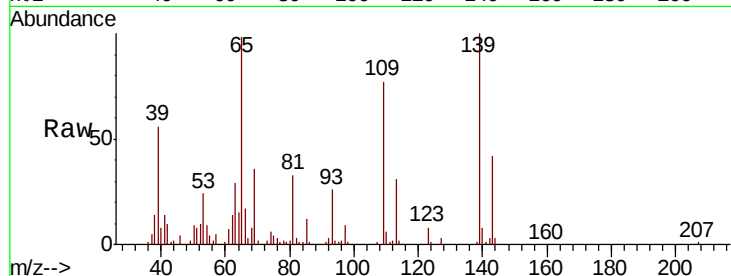
Tgt Ion:109 Resp: 170242

Ion Ratio Lower Upper

109 100

139 130.1 106.2 159.4

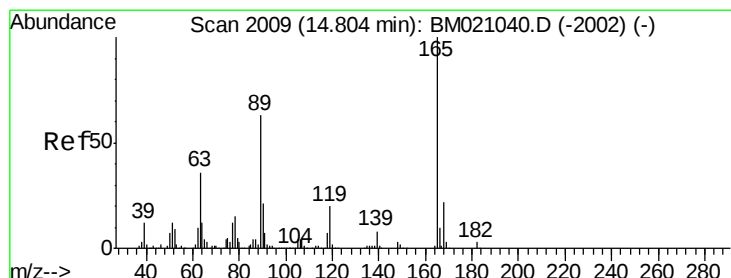
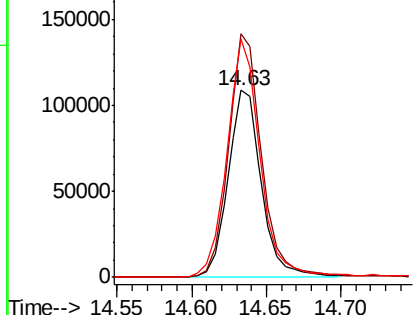
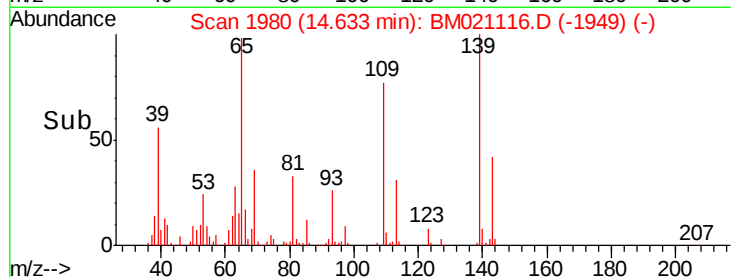
65 127.7 99.6 149.4



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: 26.090 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BM021116.D

Acq: 23 Jun 2019 01:54

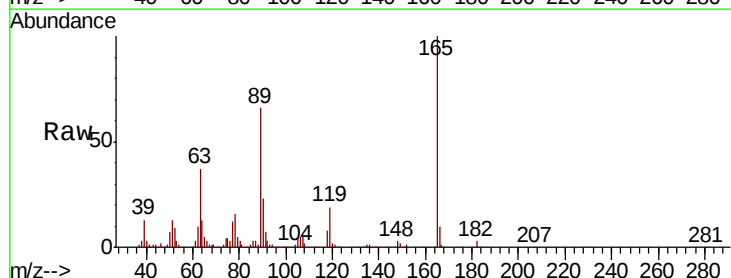
Tgt Ion:165 Resp: 466537

Ion Ratio Lower Upper

165 100

63 37.4 29.4 44.0

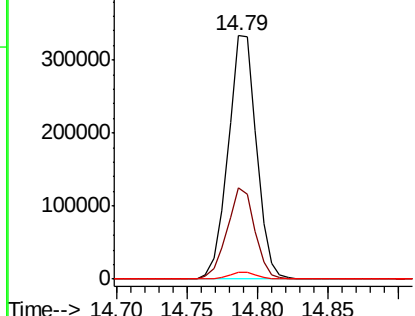
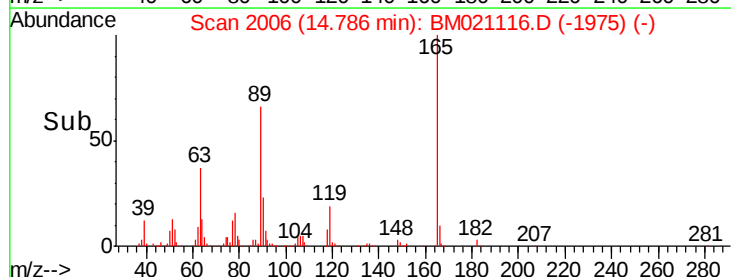
182 2.9 2.1 3.1

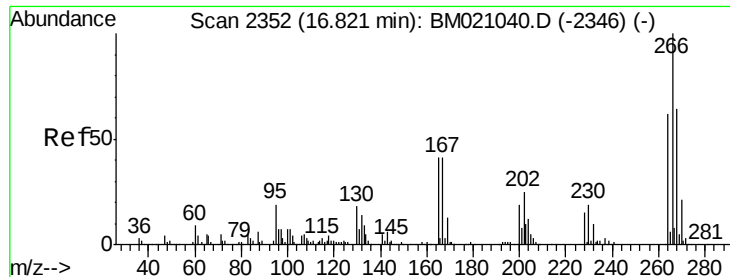


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

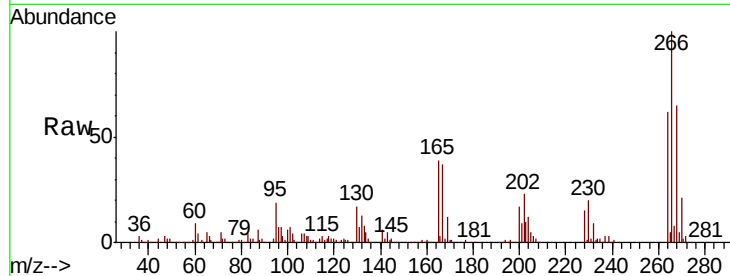




#68
 Pentachlorophenol
 Concen: 25.605 ng/ul
 RT: 16.81 min Scan# 2350
 Delta R.T. -0.01 min
 Lab File: BM021116.D
 Acq: 23 Jun 2019 01:54

Instrument :
 BNA_M
 ClientSampleId :
 A4210MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.9	74.9
268	65.2	53.4	80.0

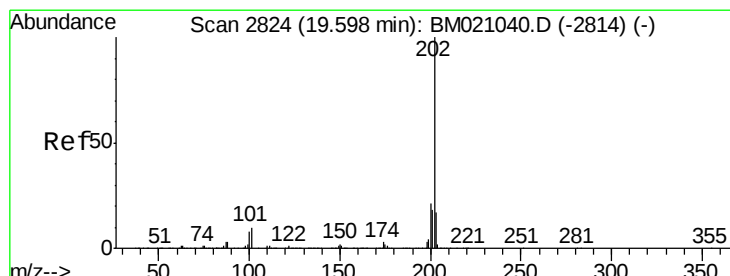
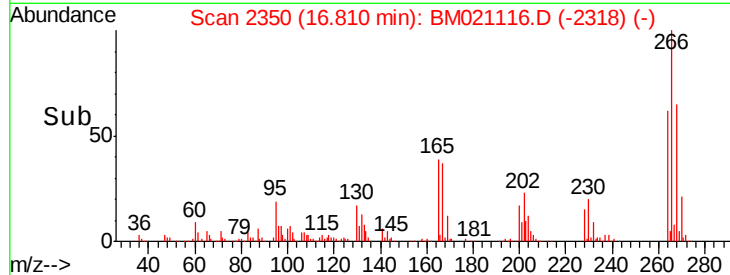
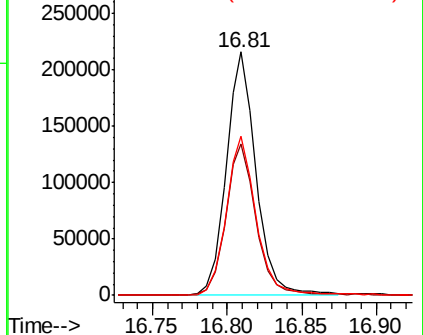


Abundance

Ion 265.70 (265.40 to 266.40): E

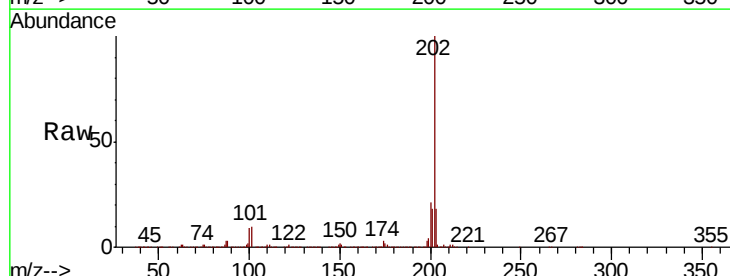
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 28.596 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM021116.D
 Acq: 23 Jun 2019 01:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.1	12.1
100	8.5	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): E

