

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
 Data File : BM020929.D
 Acq On : 13 Jun 2019 14:59
 Operator : HP/JU
 Sample : K3231-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MSD

Quant Time: Jun 13 17:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	255790	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1007571	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	575187	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	1280457	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1204563	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1371545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	13547	2.53	ng/uL	0.00
5) Phenol-d5	6.96	99	254929	13.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	208713	17.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	253875	16.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	105395	6.69	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	136788	19.89	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	135536	19.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	252757	17.12	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.75	131	3773	0.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	789398	18.55	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	902929	16.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	69086	9.46	ng/ul	0.00
57) Fluorene-d10	15.43	176	726382	20.09	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	27445	4.19	ng/ul	0.00
70) Anthracene-d10	17.28	188	921653	16.48	ng/ul	-0.01
78) Pyrene-d10	19.58	212	1087062	18.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	554470	8.89	ng/ul	0.00

Target Compounds

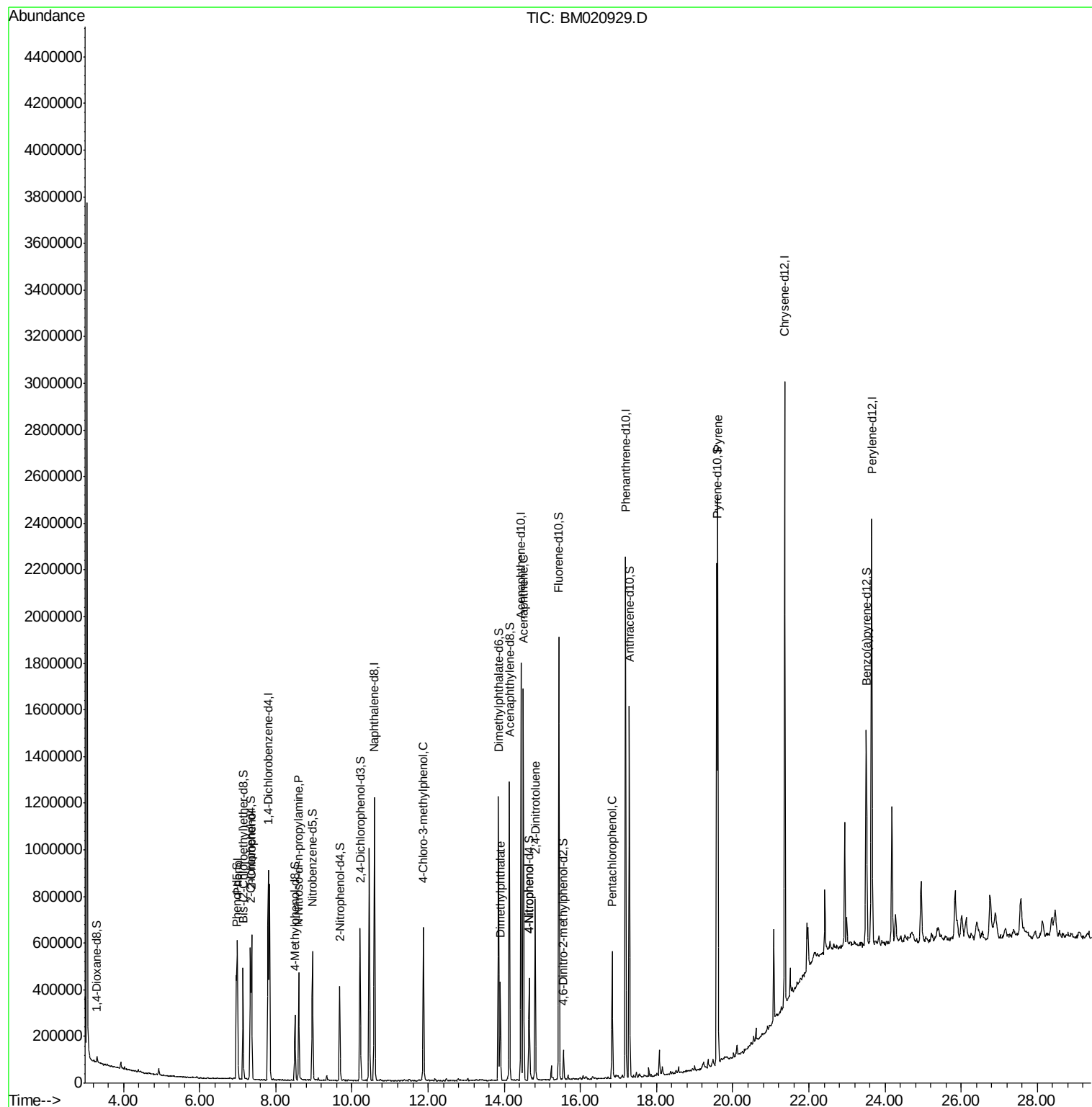
					Ovalue
6) Phenol	6.99	94	309396	15.357	ng/ul 99
10) 2-Chlorophenol	7.36	128	266606	16.628	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.60	70	167148	13.049	ng/ul 97
33) 4-Chloro-3-methylphenol	11.87	107	229320	15.218	ng/ul 98
44) Dimethylphthalate	13.90	163	271133	6.364	ng/ul 99
49) Acenaphthene	14.50	153	693328	19.029	ng/ul 100
52) 4-Nitrophenol	14.66	109	62809	10.493	ng/ul 93
54) 2,4-Dinitrotoluene	14.81	165	221072	19.136	ng/ul 98
68) Pentachlorophenol	16.83	266	100592	11.245	ng/ul 100
79) Pyrene	19.61	202	1472380	19.802	ng/ul 95

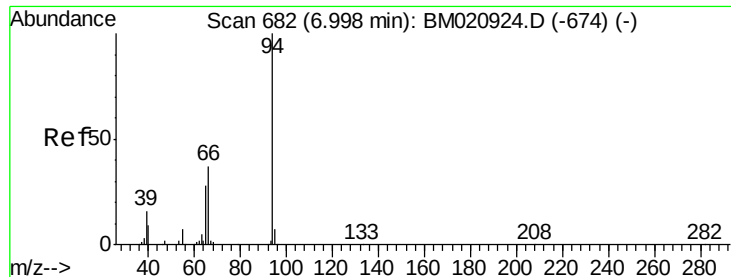
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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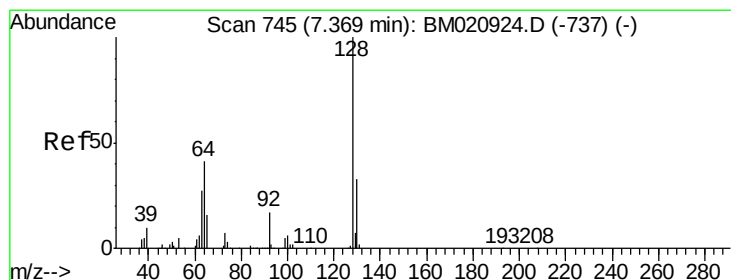
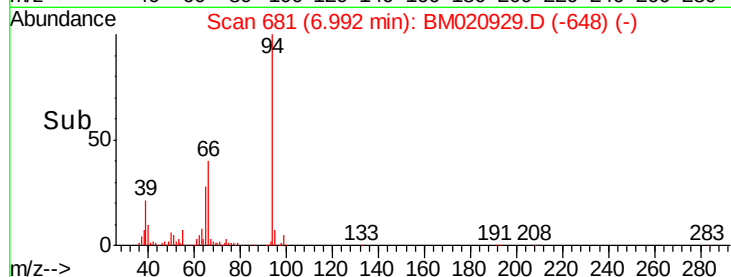
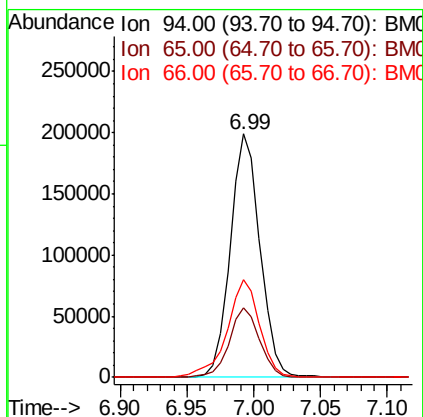
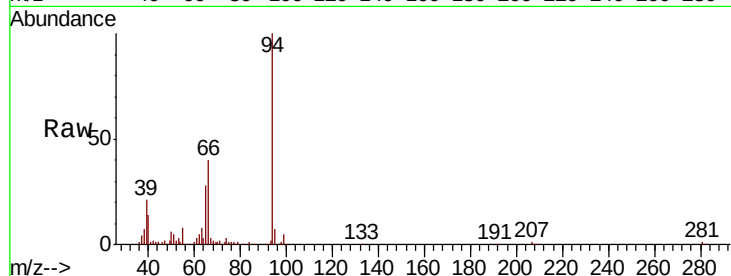
#6

Phenol

Concen: 15.357 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM020929.D
 Acq: 13 Jun 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MSD

Tot Ion	94	Resp	309396
Ion Ratio	Lower	Upper	
94	100		
65	28.4	23.3	34.9
66	40.2	32.1	48.1

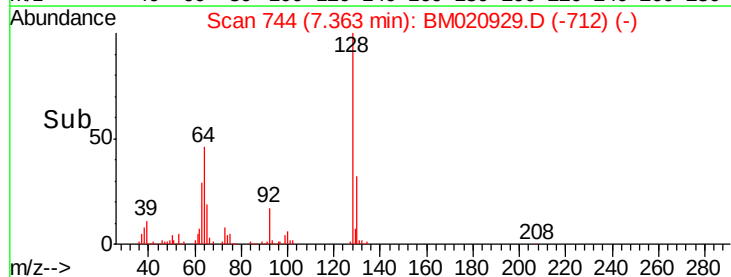
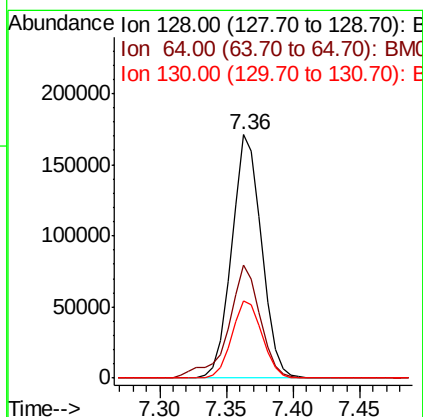
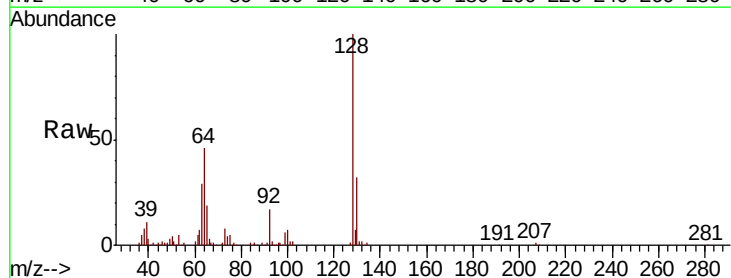


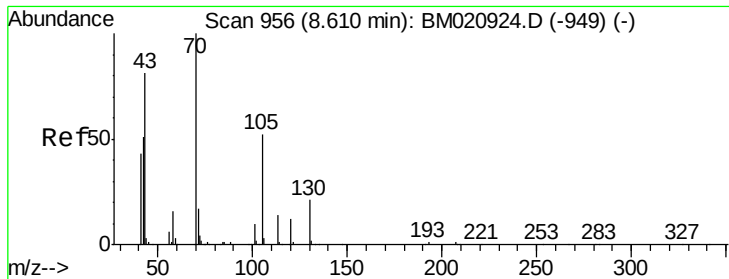
#10

2-Chlorophenol

Concen: 16.628 ng/ul
 RT: 7.36 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM020929.D
 Acq: 13 Jun 2019 14:59

Tgt Ion	128	Resp	266606
Ion Ratio	Lower	Upper	
128	100		
64	46.2	39.0	58.4
130	31.7	27.5	41.3

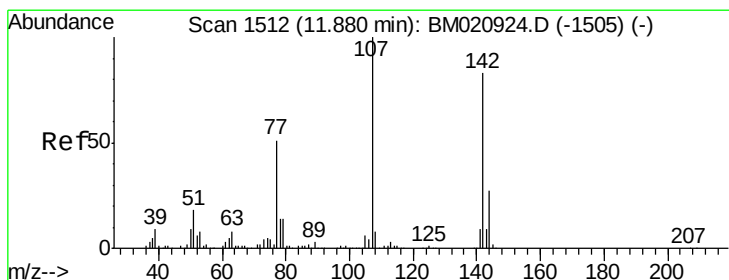
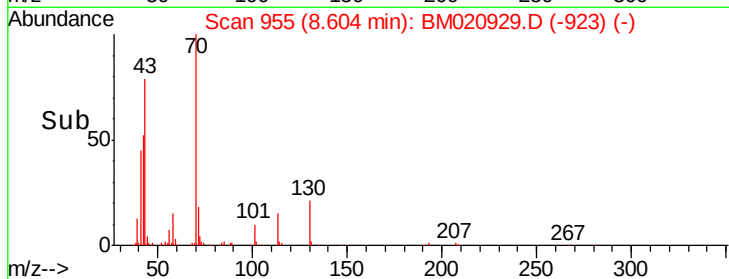
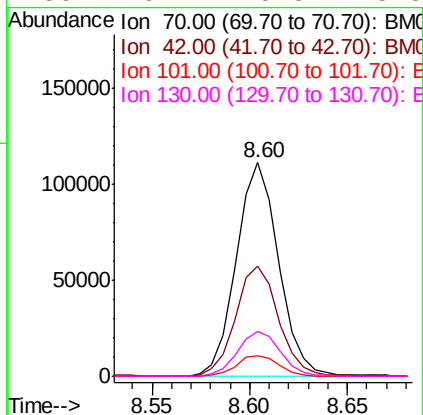
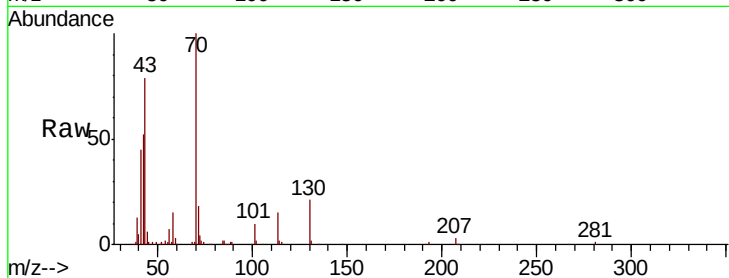




#15
 N-Nitroso-di-n-propylamine
 Concen: 13.049 ng/ul
 RT: 8.60 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BM020929.D
 Acq: 13 Jun 2019 14:59

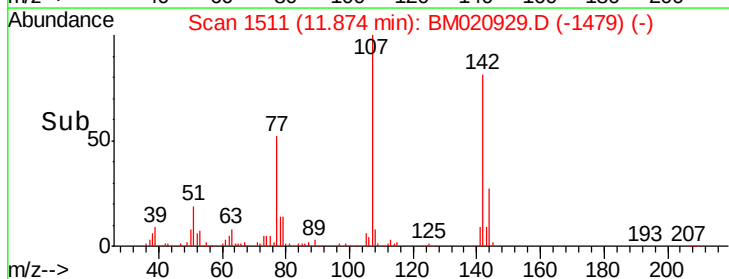
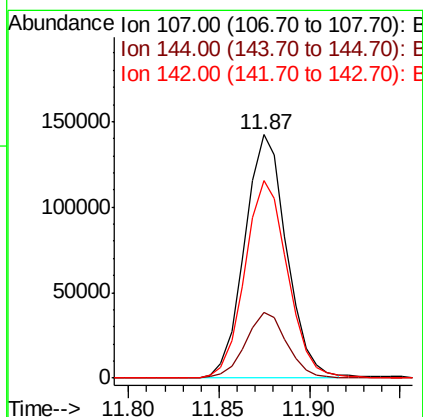
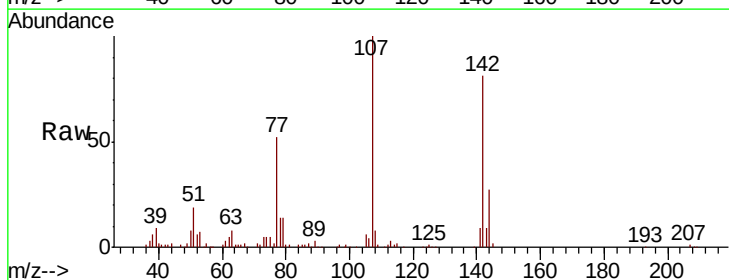
Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MSD

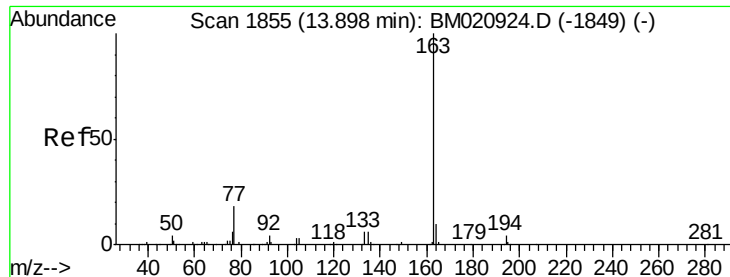
Tot Ion:	70	Resp:	167148
Ion	Ratio	Lower	Upper
70	100		
42	51.7	43.6	65.4
101	9.6	8.2	12.2
130	20.7	15.8	23.8



#33
 4-Chloro-3-methylphenol
 Concen: 15.218 ng/ul
 RT: 11.87 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BM020929.D
 Acq: 13 Jun 2019 14:59

Tgt Ion:	107	Resp:	229320
Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	81.4	63.2	94.8





#44

Dimethylphthalate

Concen: 6.364 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM020929.D

Acq: 13 Jun 2019 14:59

Instrument :

BNA_M

ClientSampleId :

DB8L4MSD

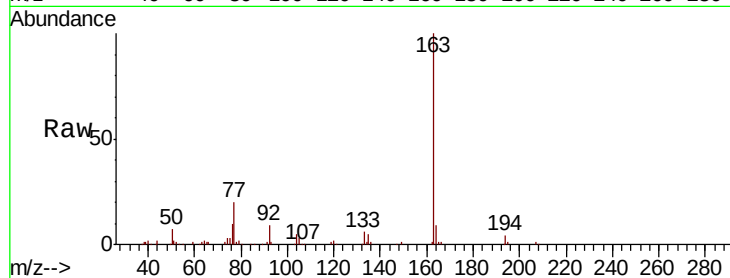
Tot Ion:163 Resp: 271133

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

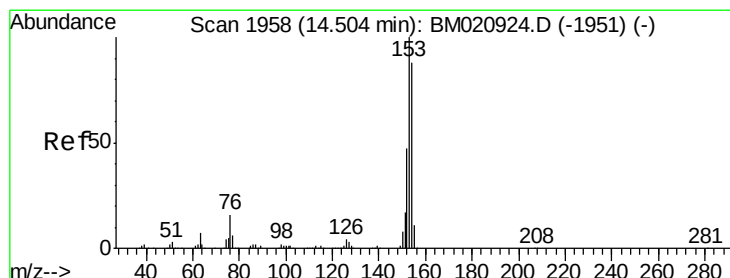
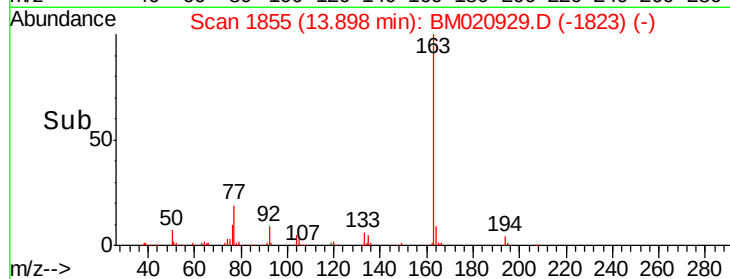
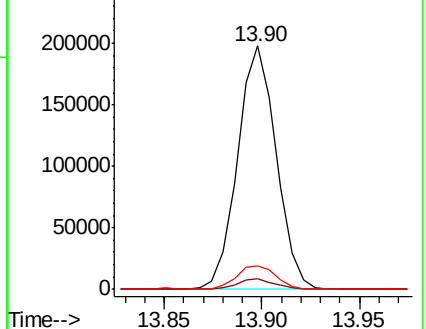
164 9.5 8.0 12.0



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: 19.029 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM020929.D

Acq: 13 Jun 2019 14:59

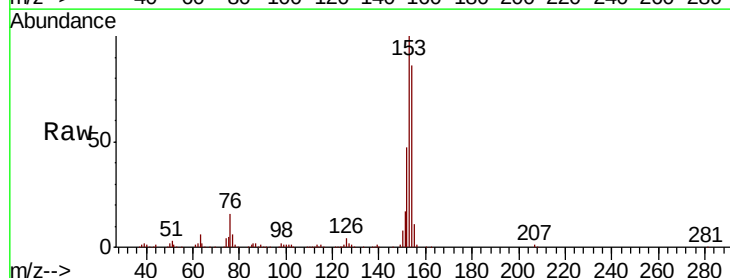
Tgt Ion:153 Resp: 693328

Ion Ratio Lower Upper

153 100

152 46.8 37.3 55.9

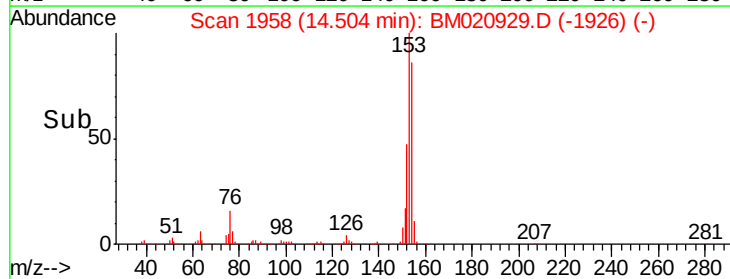
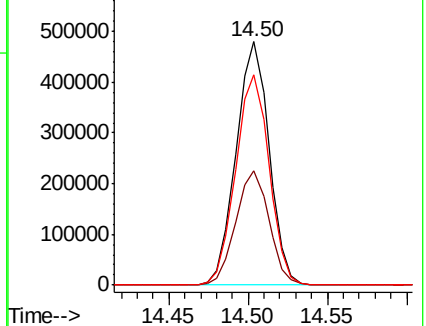
154 86.3 68.7 103.1

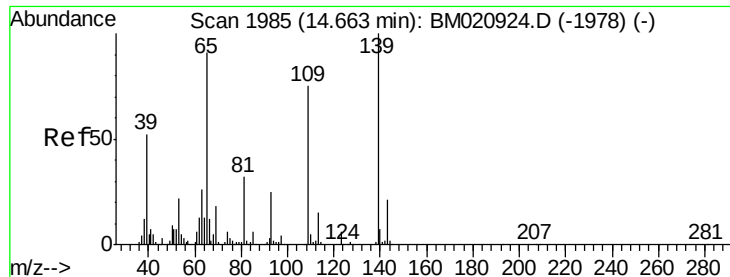


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 10.493 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020929.D

Acq: 13 Jun 2019 14:59

Instrument :

BNA_M

ClientSampleId :

DB8L4MSD

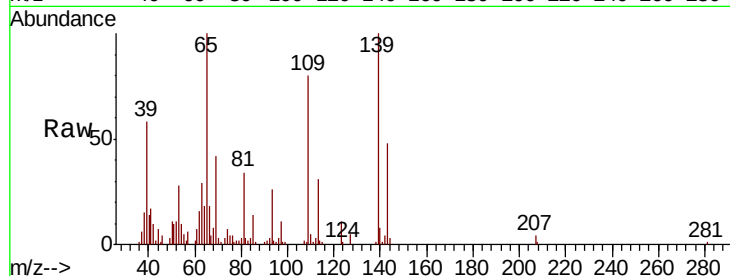
Tot Ion:109 Resp: 62809

Ion Ratio Lower Upper

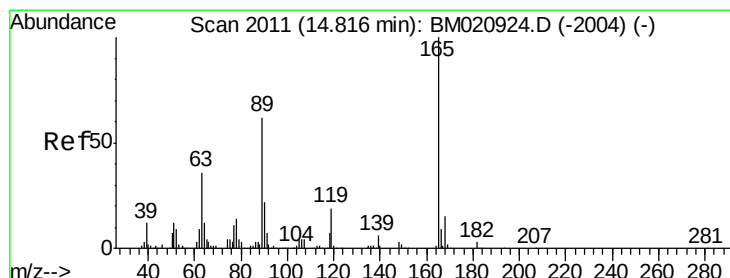
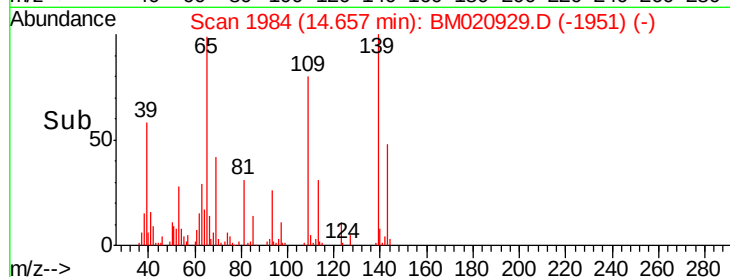
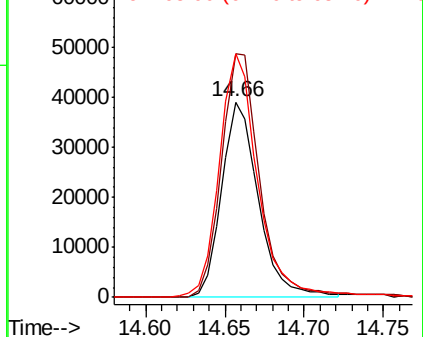
109 100

139 124.6 105.9 158.9

65 124.3 106.2 159.4



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: 19.136 ng/ul

RT: 14.81 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BM020929.D

Acq: 13 Jun 2019 14:59

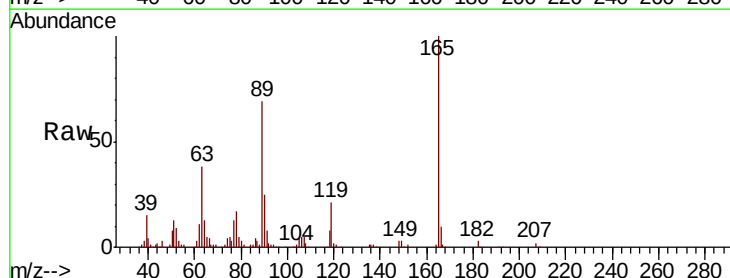
Tgt Ion:165 Resp: 221072

Ion Ratio Lower Upper

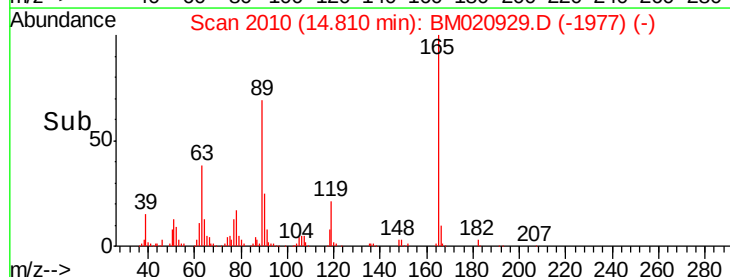
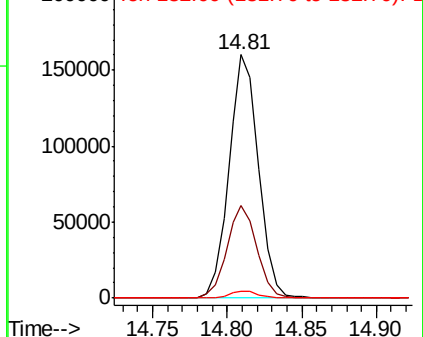
165 100

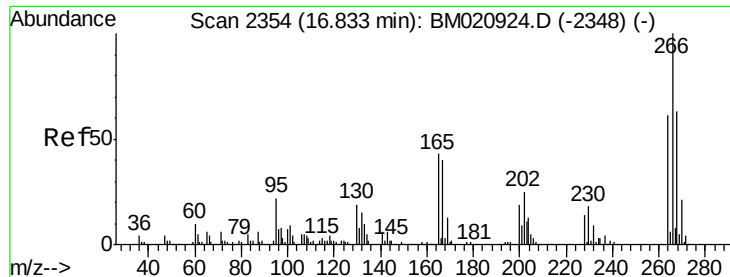
63 38.2 31.7 47.5

182 3.0 2.2 3.4



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

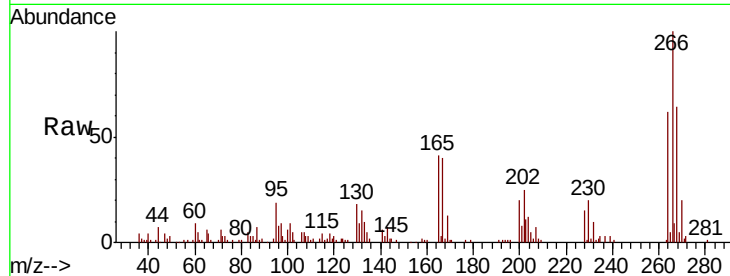




#68
 Pentachlorophenol
 Concen: 11.245 ng/ul
 RT: 16.83 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BM020929.D
 Acq: 13 Jun 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.3	75.5
268	64.0	51.2	76.8

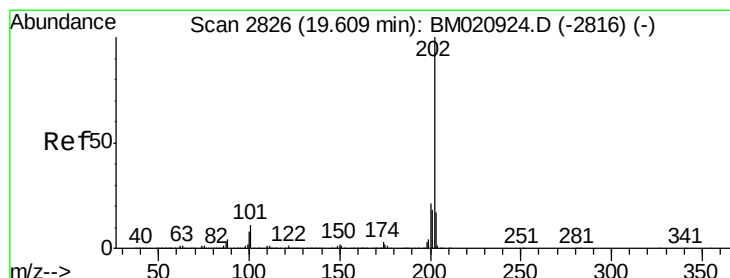
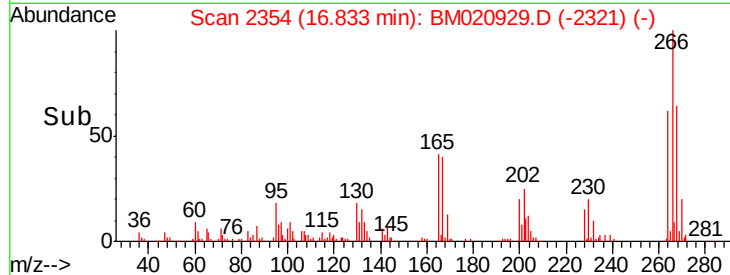
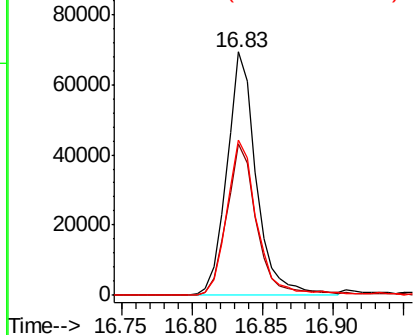


Abundance

Ion 265.70 (265.40 to 266.40): E

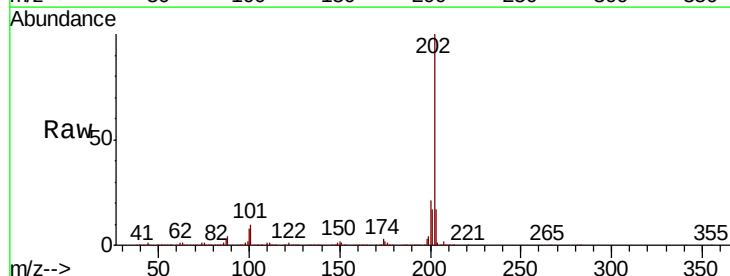
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 19.802 ng/ul
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.01 min
 Lab File: BM020929.D
 Acq: 13 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.6
100	8.3	8.0	12.0



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

