

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020909.D
 Acq On : 12 Jun 2019 18:29
 Operator : HP/JU
 Sample : K3215-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 13 05:55:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 13 01:55:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	279289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1129247	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.45	164	641427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1417984	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1328456	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1519391	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9584	1.64	ng/uL	0.00
5) Phenol-d5	6.97	99	176841	8.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	393949	30.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	468217	27.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	312831	18.20	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	268980	34.90	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	300104	37.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	559537	33.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	5571	0.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1845689	38.90	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2236298	37.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	67108	8.24	ng/ul	0.00
57) Fluorene-d10	15.44	176	1571658	38.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	196413	27.09	ng/ul	0.00
70) Anthracene-d10	17.29	188	2384889	38.50	ng/ul	0.00
78) Pyrene-d10	19.58	212	2615132	40.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2967784	42.98	ng/ul	0.00

Target Compounds

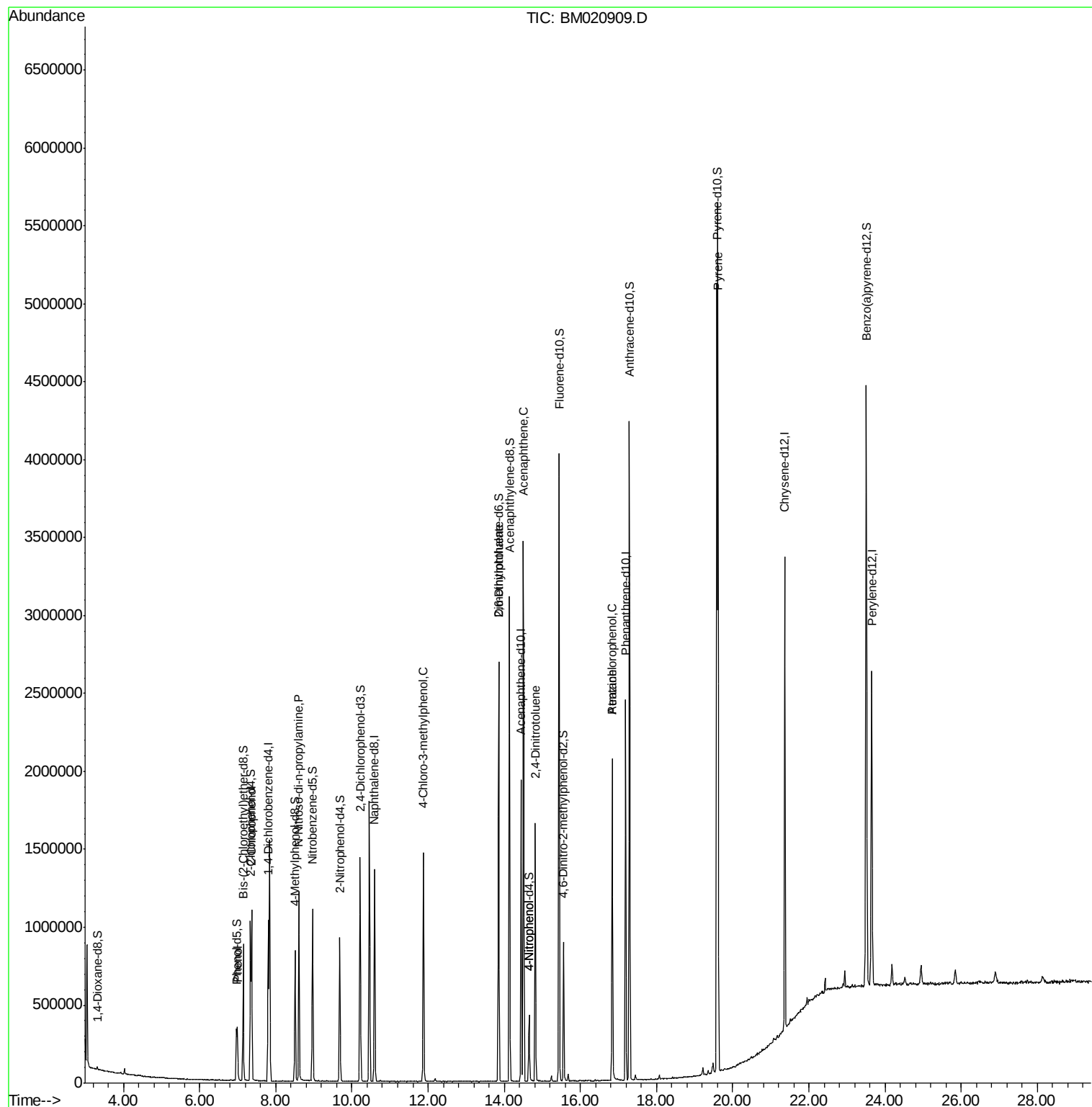
					Ovalue
6) Phenol	6.99	94	180382	8.200	ng/ul 100
10) 2-Chlorophenol	7.37	128	468194	26.744	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.61	70	448209	32.048	ng/ul 96
33) 4-Chloro-3-methylphenol	11.87	107	517287	30.629	ng/ul 97
45) 2,6-Dinitrotoluene	13.86	165	12907	1.448	ng/ul# 41
49) Acenaphthene	14.51	153	1484392	36.533	ng/ul 99
52) 4-Nitrophenol	14.66	109	58283	8.732	ng/ul 95
54) 2,4-Dinitrotoluene	14.82	165	489356	37.984	ng/ul 97
67) Atrazine	16.83	200	51969	3.537	ng/ul# 36
68) Pentachlorophenol	16.84	266	380948	38.455	ng/ul 99
79) Pyrene	19.61	202	3342505	40.761	ng/ul 98

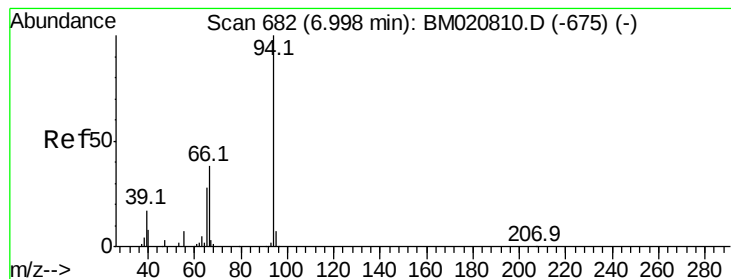
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
Response via : Initial Calibration





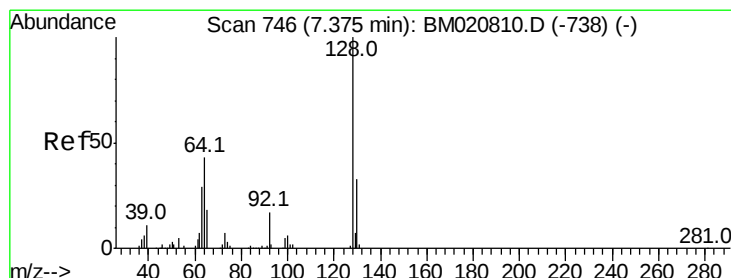
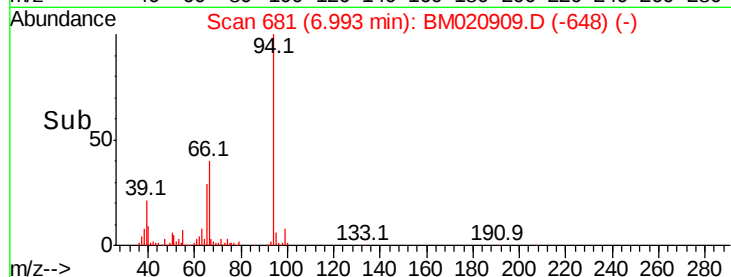
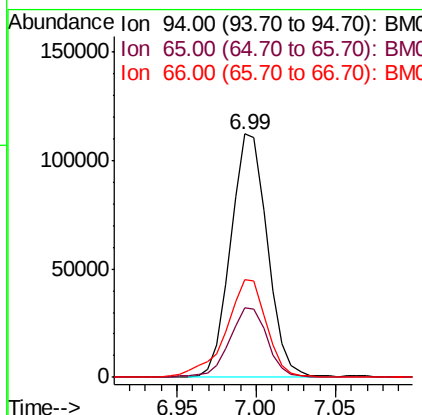
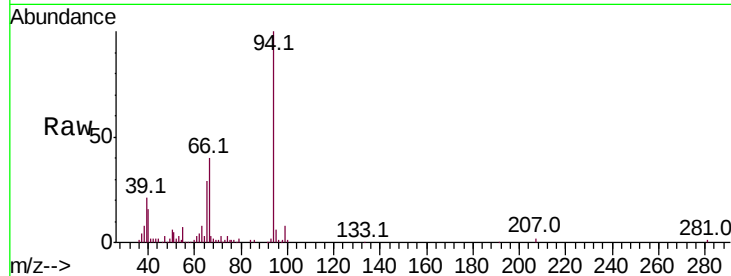
#6

Phenol

Concen: 8.200 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM020909.D
 Acq: 12 Jun 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 180382
 Ion Ratio Lower Upper
 94 100
 65 28.8 23.3 34.9
 66 40.1 32.1 48.1

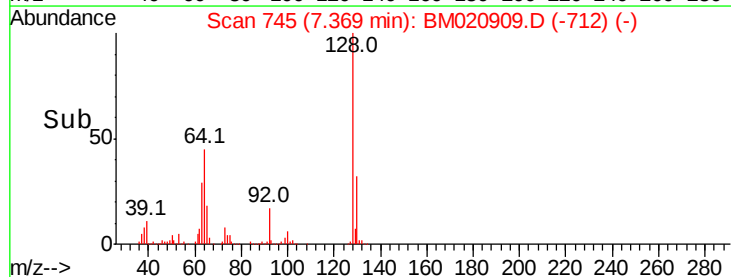
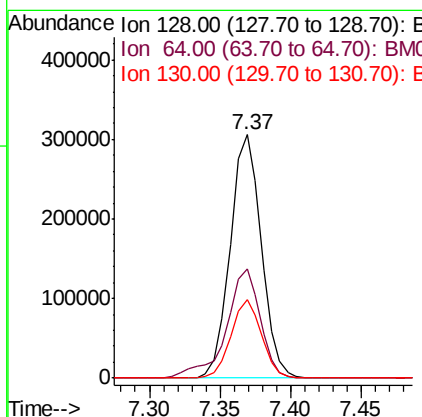
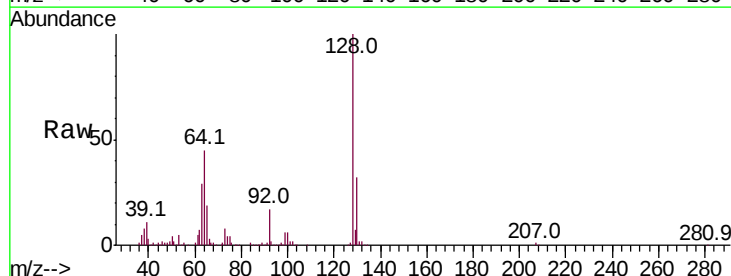


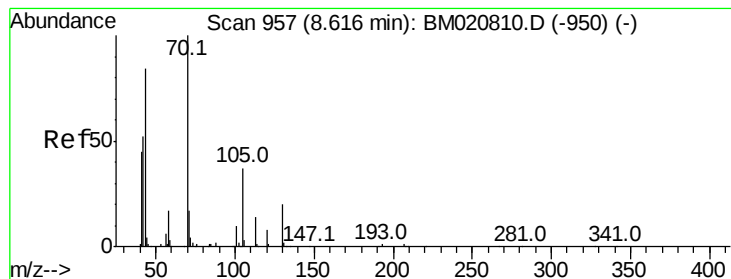
#10

2-Chlorophenol

Concen: 26.744 ng/ul
 RT: 7.37 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BM020909.D
 Acq: 12 Jun 2019 18:29

Tgt Ion: 128 Resp: 468194
 Ion Ratio Lower Upper
 128 100
 64 44.6 39.0 58.4
 130 32.5 27.5 41.3





#15

N-Nitroso-di-n-propylamine

Concen: 32.048 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 448209

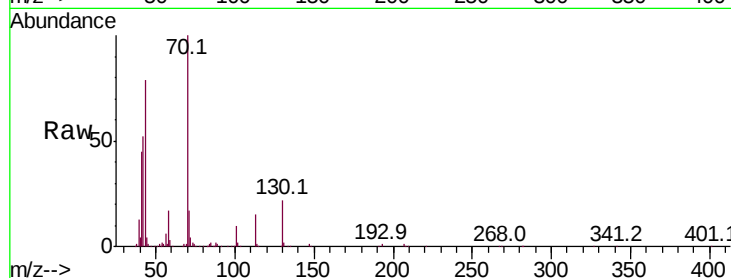
Ion Ratio Lower Upper

70 100

42 51.9 43.6 65.4

101 10.0 8.2 12.2

130 22.3 15.8 23.8

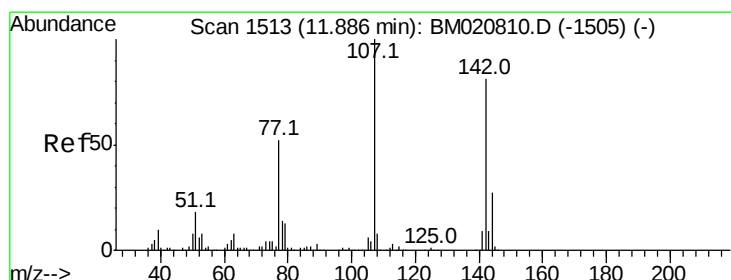
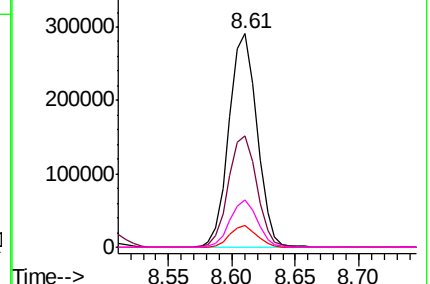
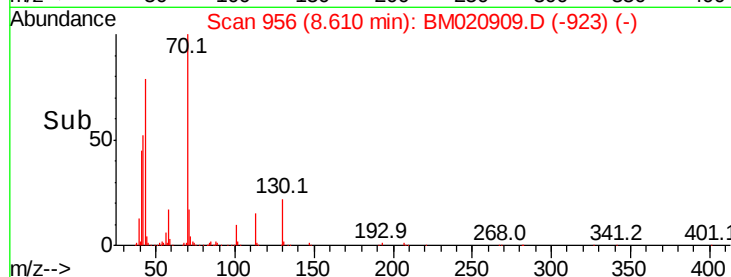


Abundance Ion 70.00 (69.70 to 70.70): BM020810.D (-950) (-)

Ion 42.00 (41.70 to 42.70): BM020810.D (-950) (-)

Ion 101.00 (100.70 to 101.70): BM020810.D (-950) (-)

Ion 130.00 (129.70 to 130.70): BM020810.D (-950) (-)



#33

4-Chloro-3-methylphenol

Concen: 30.629 ng/ul

RT: 11.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

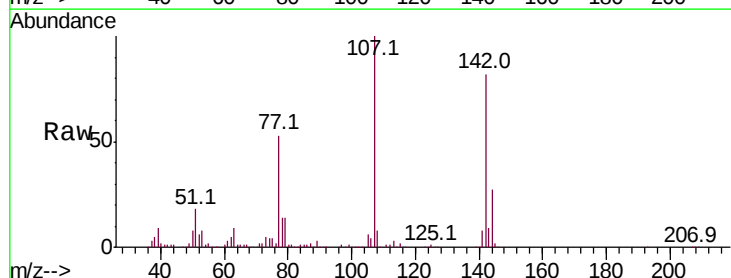
Tgt Ion:107 Resp: 517287

Ion Ratio Lower Upper

107 100

144 27.3 21.3 31.9

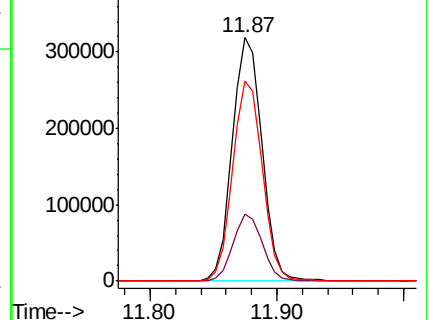
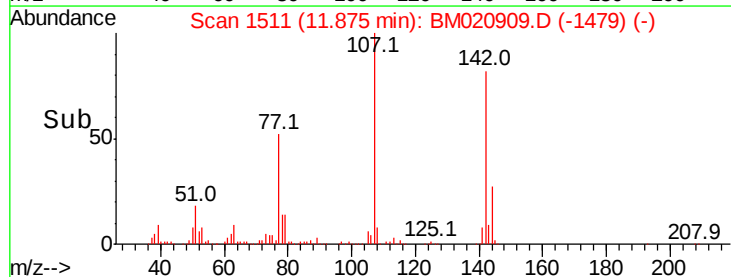
142 82.0 63.2 94.8

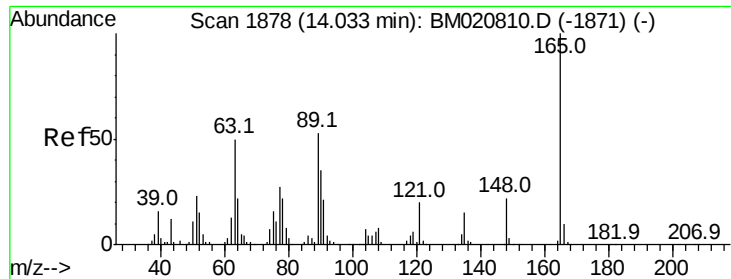


Abundance Ion 107.00 (106.70 to 107.70): BM020810.D (-1505) (-)

Ion 144.00 (143.70 to 144.70): BM020810.D (-1505) (-)

Ion 142.00 (141.70 to 142.70): BM020810.D (-1505) (-)

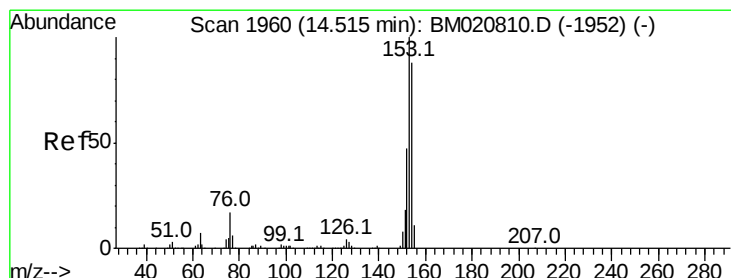
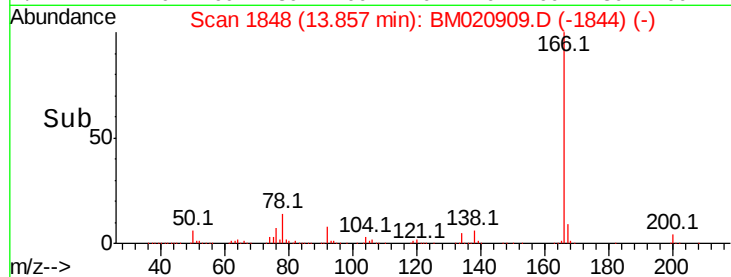
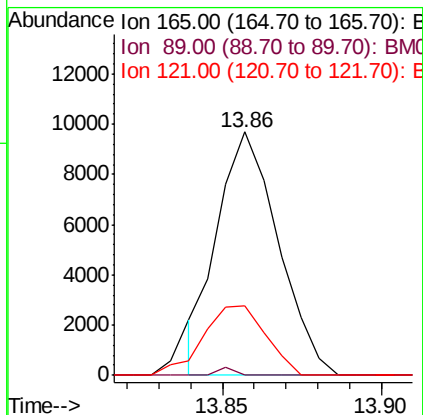
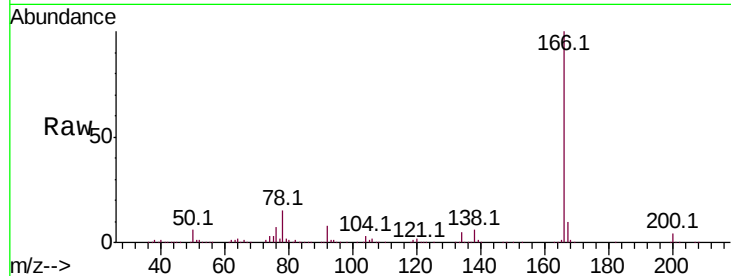




#45
2,6-Dinitrotoluene
Concen: 1.448 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.18 min
Lab File: BM020909.D
Acq: 12 Jun 2019 18:29

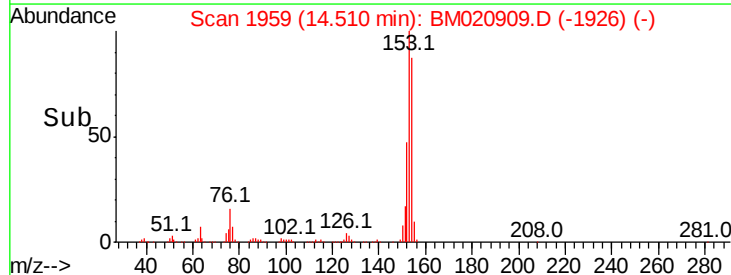
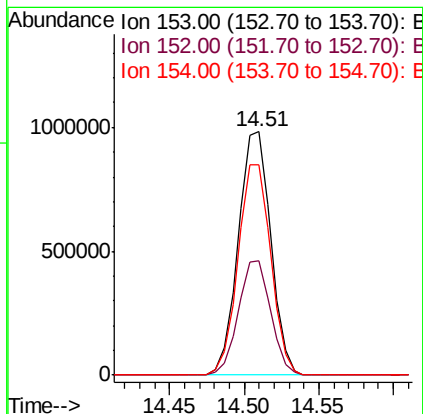
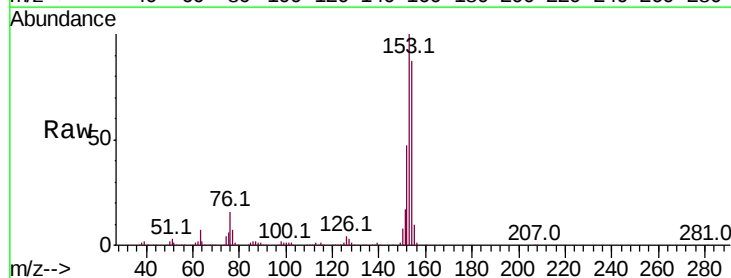
Instrument :
BNA_M
ClientSampleId :

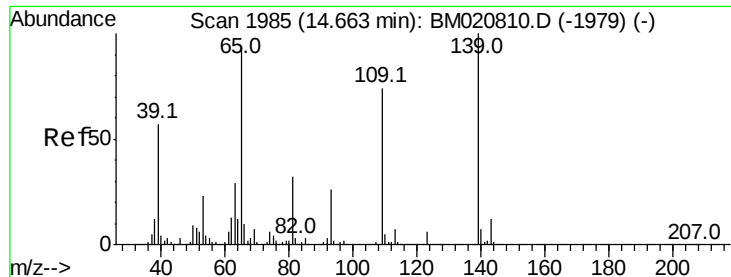
Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.1	64.7#
121	28.4	16.9	25.3#



#49
Acenaphthene
Concen: 36.533 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM020909.D
Acq: 12 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.3	55.9
154	86.5	68.7	103.1





#52

4-Nitrophenol

Concen: 8.732 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

Instrument :

BNA_M

ClientSampleId :

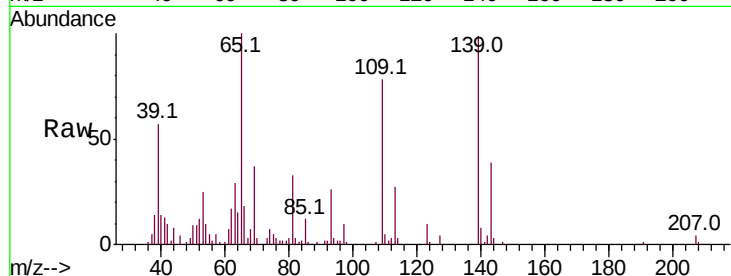
Tot Ion:109 Resp: 58283

Ion Ratio Lower Upper

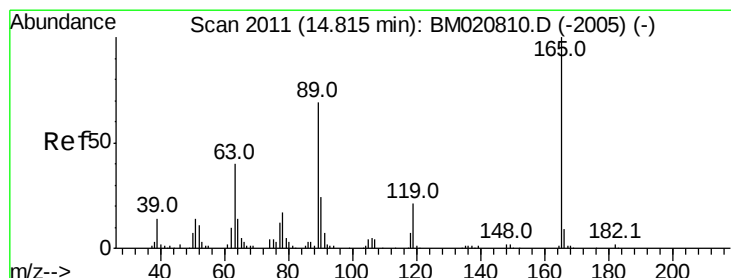
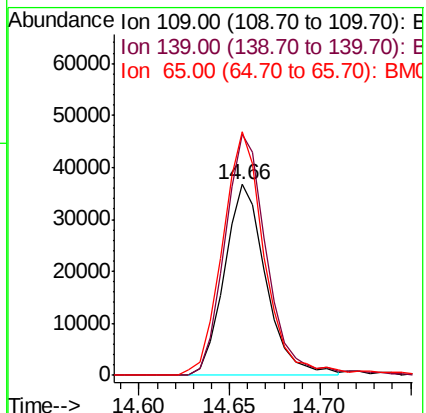
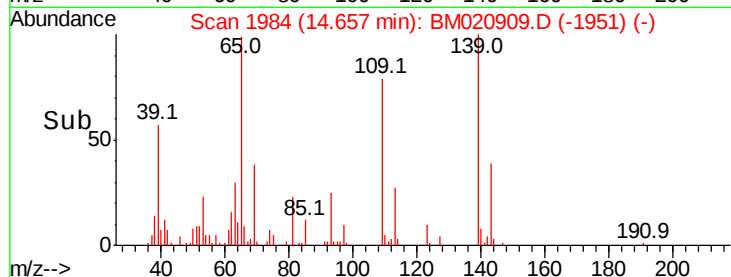
109 100

139 126.6 105.9 158.9

65 127.6 106.2 159.4



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: 37.984 ng/ul

RT: 14.82 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

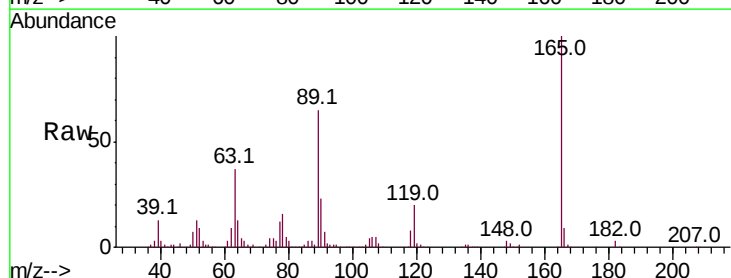
Tgt Ion:165 Resp: 489356

Ion Ratio Lower Upper

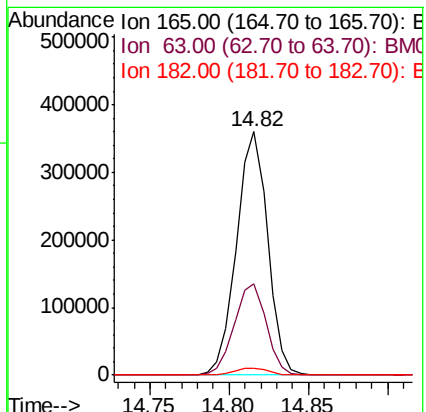
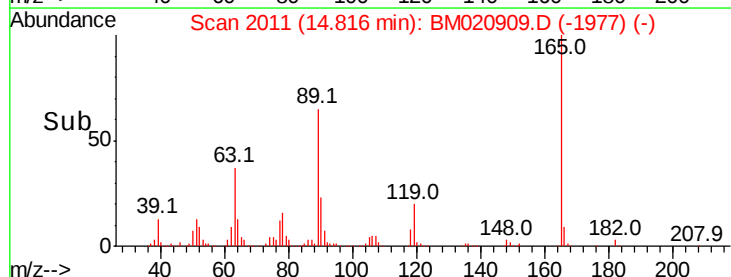
165 100

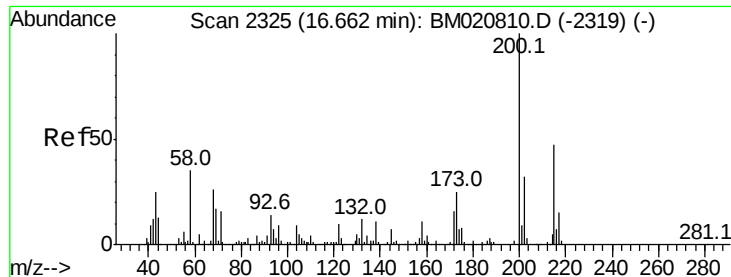
63 37.4 31.7 47.5

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

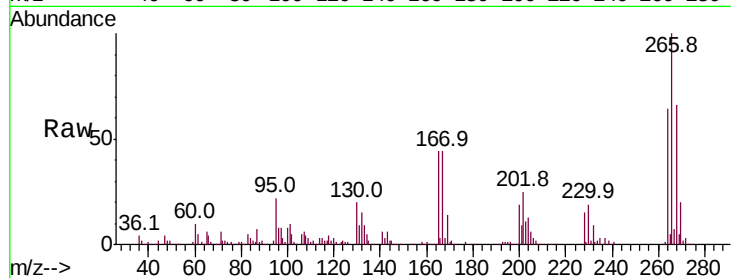




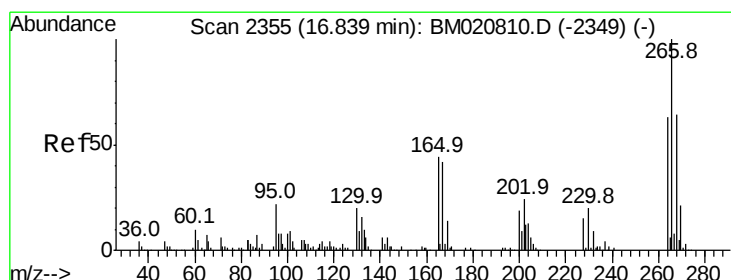
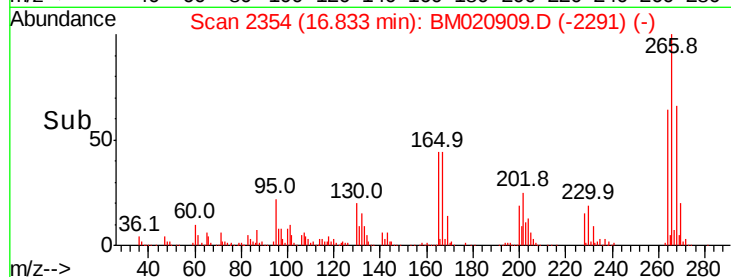
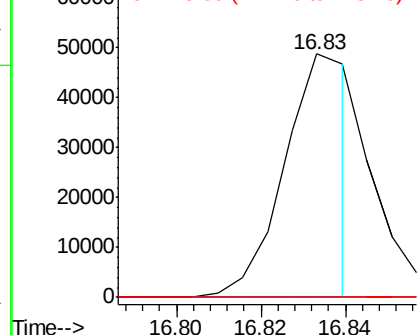
#67
Atrazine
Concen: 3.537 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. 0.17 min
Lab File: BM020909.D
Acq: 12 Jun 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	20.5	30.7#
215	0.0	38.2	57.2#

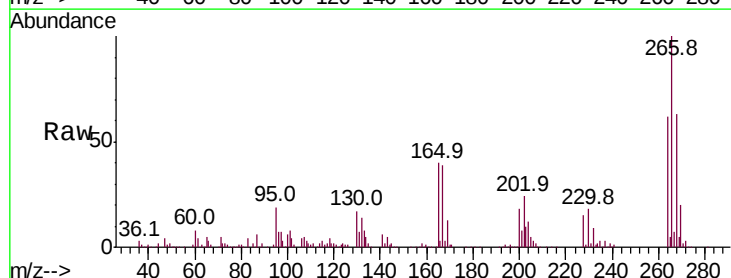


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

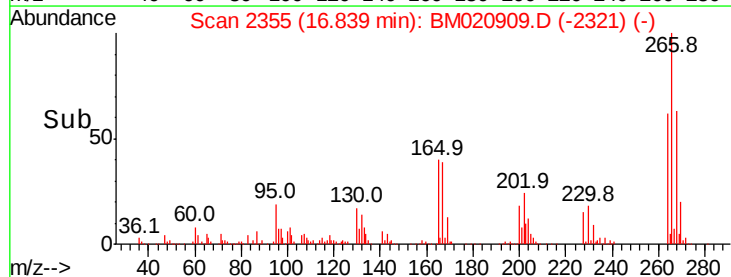
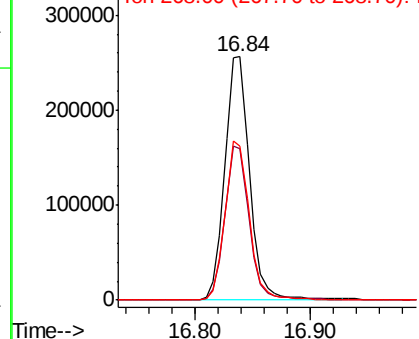


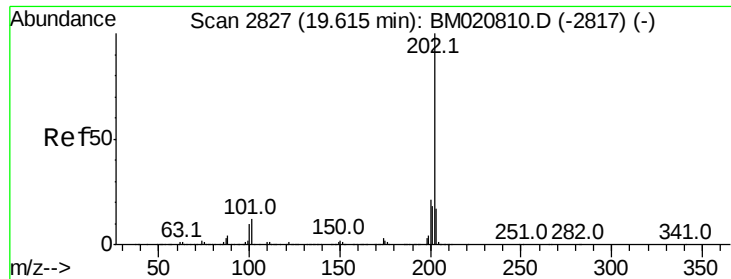
#68
Pentachlorophenol
Concen: 38.455 ng/ul
RT: 16.84 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BM020909.D
Acq: 12 Jun 2019 18:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.3	75.5
268	63.1	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

Pvrene

Concen: 40.761 ng/ul

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020909.D

Acq: 12 Jun 2019 18:29

Instrument :

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ClientSampleId :

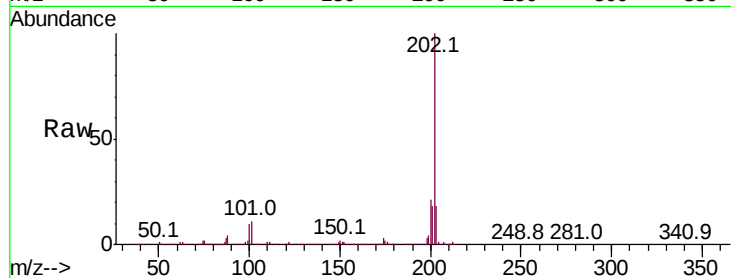
Tot Ion:202 Resp: 3342505

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	9.5	8.0	12.0

202 100

101 11.4 9.8 14.6

100 9.5 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): B

