

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048236.D
 Acq On : 20 Feb 2021 14:23
 Operator : CG/JU
 Sample : M1379-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBH16MS

Quant Time: Feb 21 00:53:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 21 00:21:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	158810	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	112298	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	257339	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	265706	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	266356	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5550	5.71	ng/uL	0.01
5) Phenol-d5	7.30	99	109552	32.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	67664	33.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	82387	34.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	78496	29.33	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	41178	34.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	49981	34.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	92926	33.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	103545	37.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	281785	33.87	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	341909	33.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	44070	31.18	ng/ul	0.00
58) Fluorene-d10	15.73	176	248370	33.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	49354	31.28	ng/ul	0.00
71) Anthracene-d10	17.58	188	387198	35.09	ng/ul	0.00
79) Pyrene-d10	19.86	212	449776	33.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	460461	33.89	ng/ul	0.00

Target Compounds

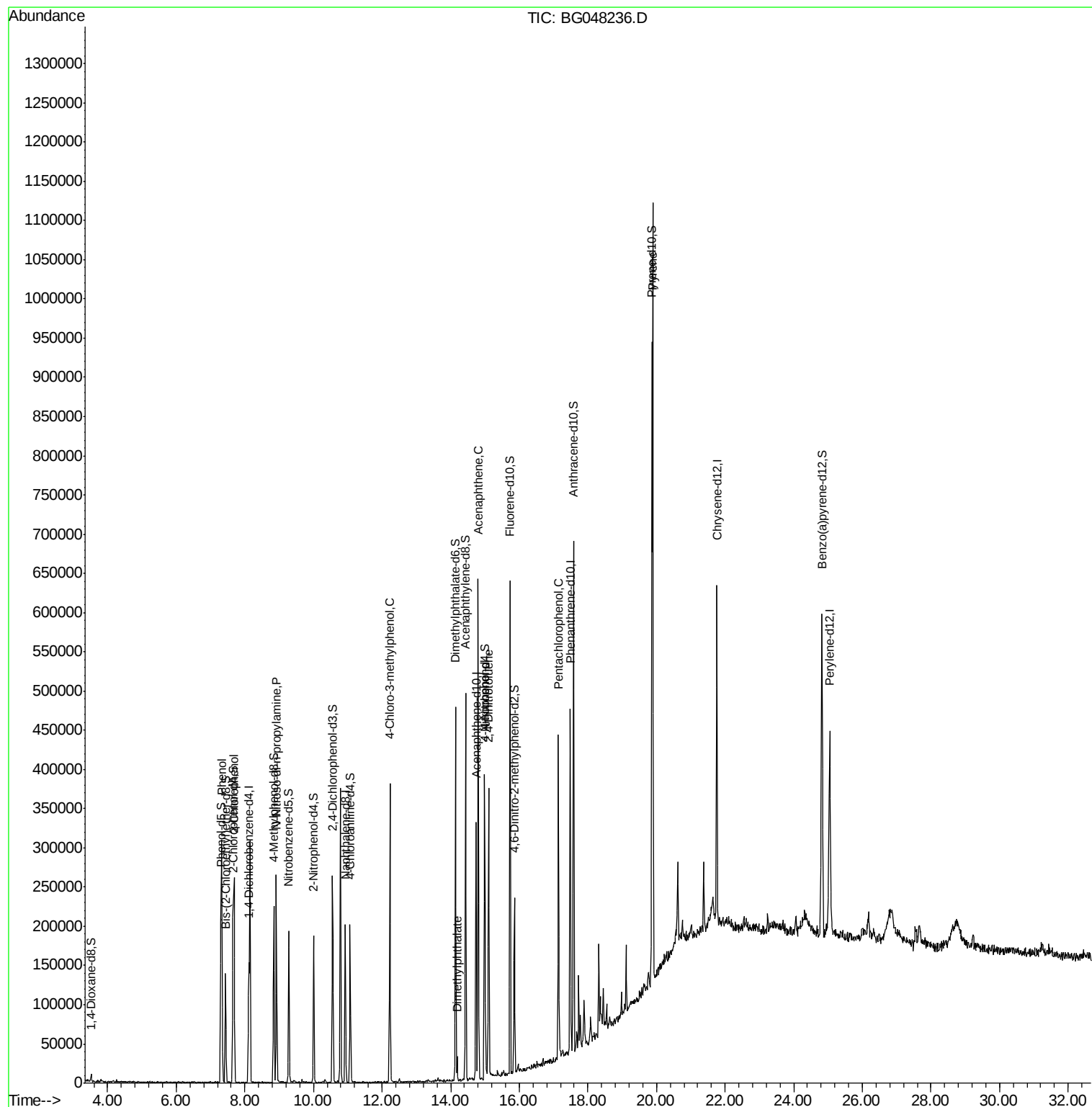
					Ovalue
6) Phenol	7.33	94	148516	42.163	ng/ul 97
10) 2-Chlorophenol	7.68	128	98334	38.814	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.92	70	101006	41.731	ng/ul 98
33) 4-Chloro-3-methylphenol	12.23	107	120380	40.445	ng/ul 93
45) Dimethylphthalate	14.19	163	16541	1.924	ng/ul 98
50) Acenaphthene	14.81	153	266231	39.006	ng/ul 99
53) 4-Nitrophenol	14.99	109	64015	40.118	ng/ul 90
55) 2,4-Dinitrotoluene	15.11	165	103714	39.927	ng/ul# 99
69) Pentachlorophenol	17.14	266	79544	44.183	ng/ul 95
80) Pyrene	19.89	202	624638	37.838	ng/ul 99

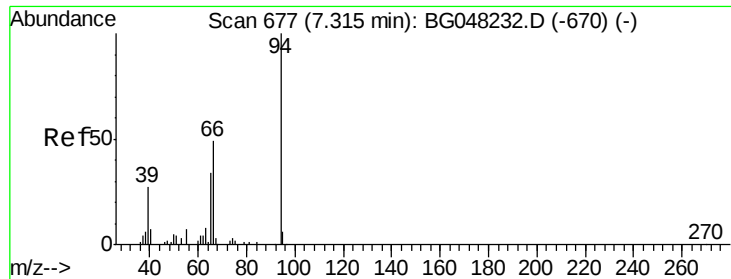
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 42.163 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG048236.D

Acq: 20 Feb 2021 14:23

Instrument :

BNA_G

ClientSampleId :

DBH16MS

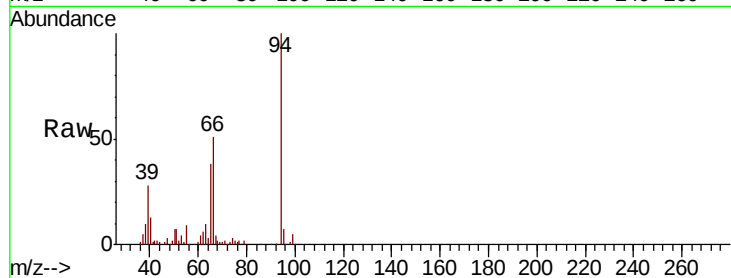
Tot Ion: 94 Resp: 148516

Ion Ratio Lower Upper

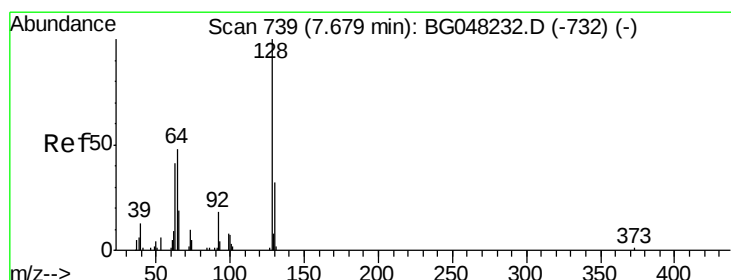
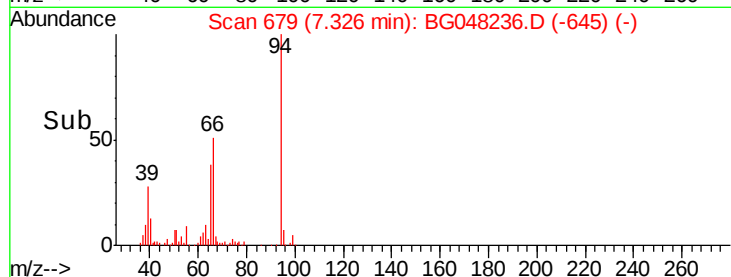
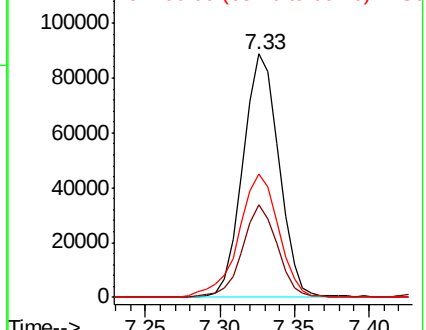
94 100

65 38.2 27.1 40.7

66 50.6 40.1 60.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 38.814 ng/ul

RT: 7.68 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG048236.D

Acq: 20 Feb 2021 14:23

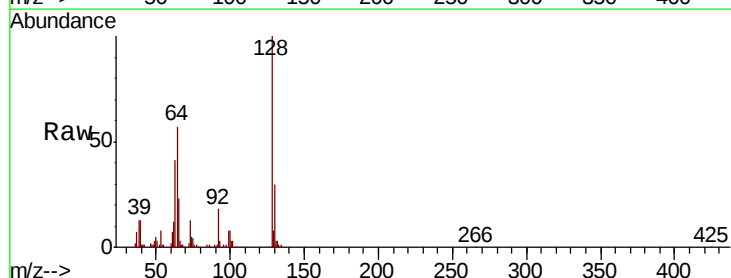
Tgt Ion:128 Resp: 98334

Ion Ratio Lower Upper

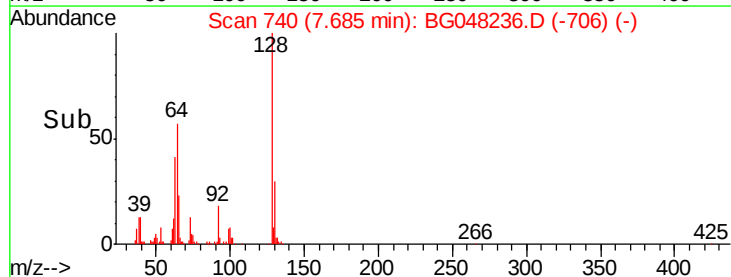
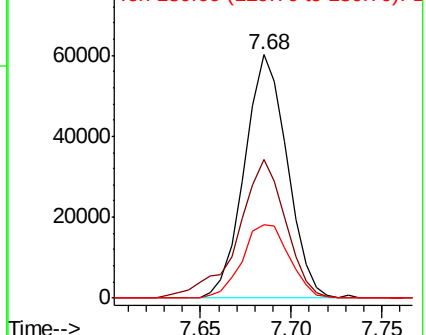
128 100

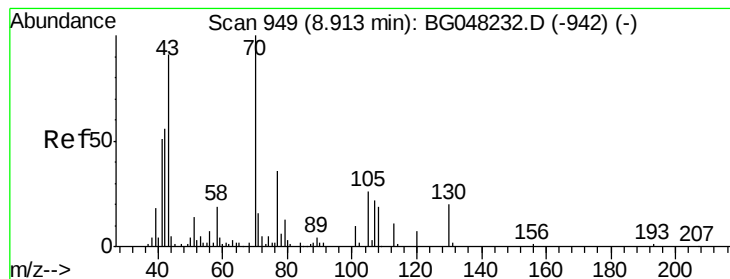
64 57.2 38.6 58.0

130 30.2 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 41.731 ng/ul

RT: 8.92 min Scan# 950

Delta R.T. 0.01 min

Lab File: BG048236.D

Acq: 20 Feb 2021 14:23

Instrument :

BNA_G

ClientSampleId :

DBH16MS

Tot Ion: 70 Resp: 101006

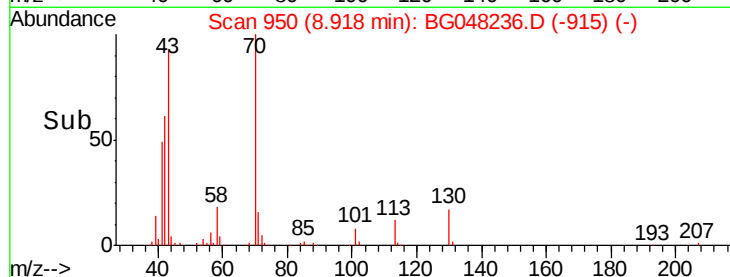
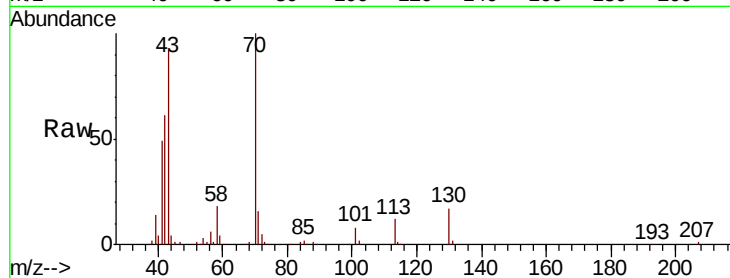
Ion Ratio Lower Upper

70 100

42 60.5 47.4 71.0

101 8.1 7.5 11.3

130 16.6 13.7 20.5

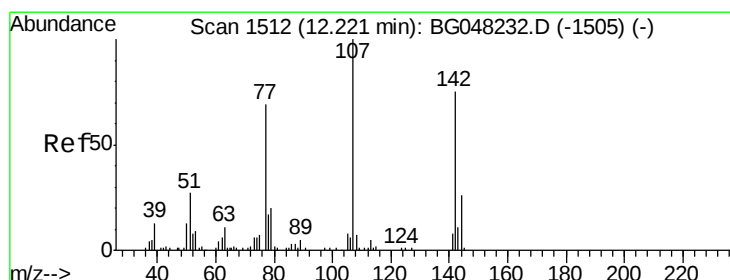
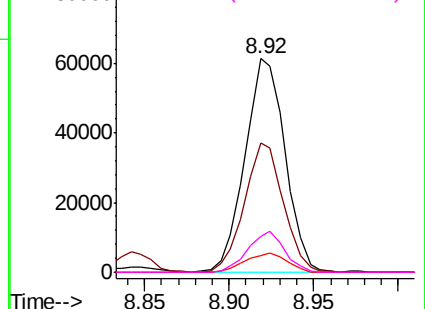


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 40.445 ng/ul

RT: 12.23 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BG048236.D

Acq: 20 Feb 2021 14:23

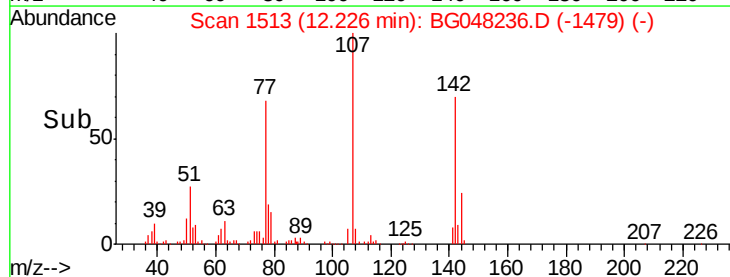
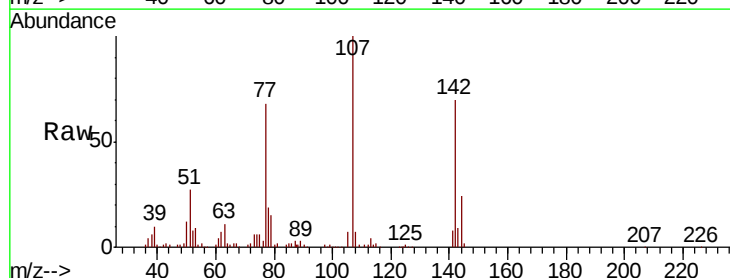
Tgt Ion: 107 Resp: 120380

Ion Ratio Lower Upper

107 100

144 24.0 23.0 34.4

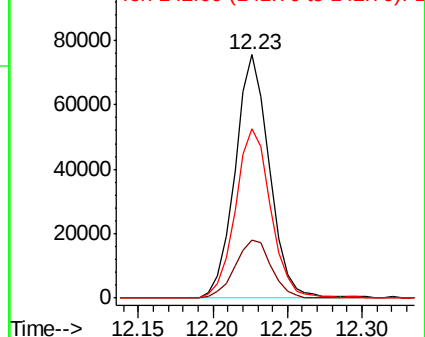
142 69.7 59.8 89.6

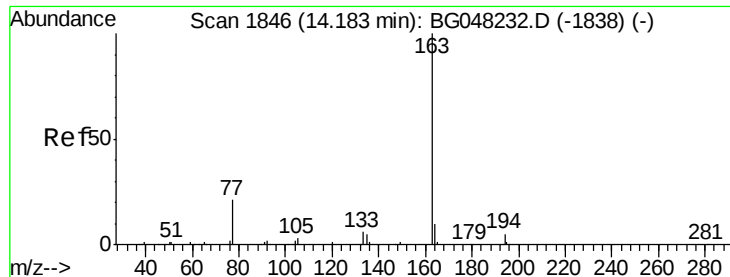


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC

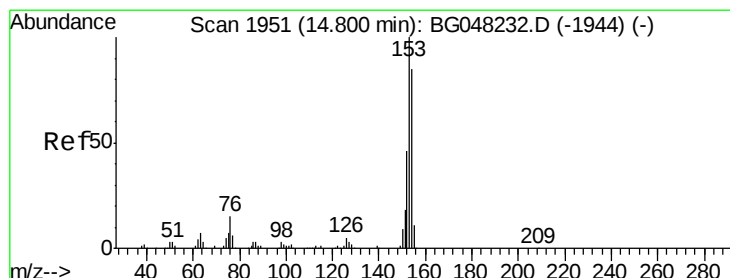
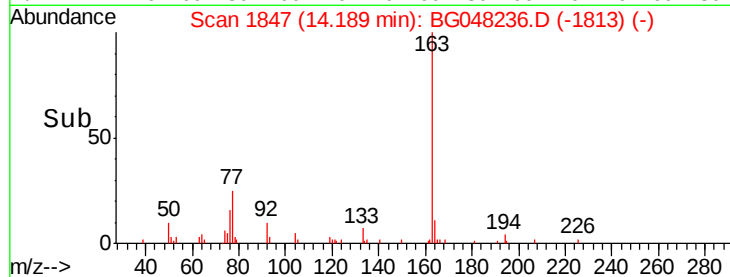
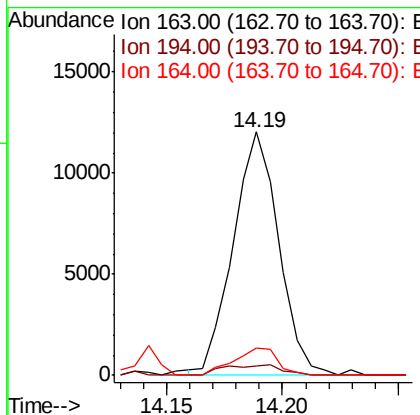
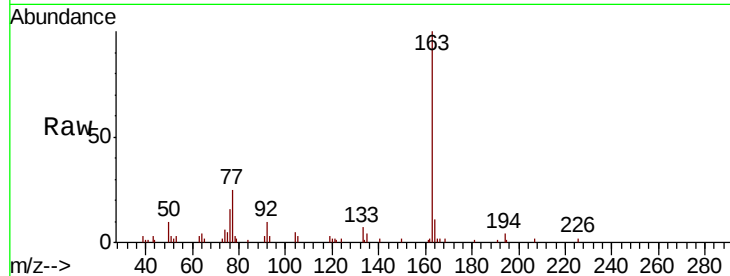




#45
Dimethylphthalate
Concen: 1.924 ng/ul
RT: 14.19 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG048236.D
Acq: 20 Feb 2021 14:23

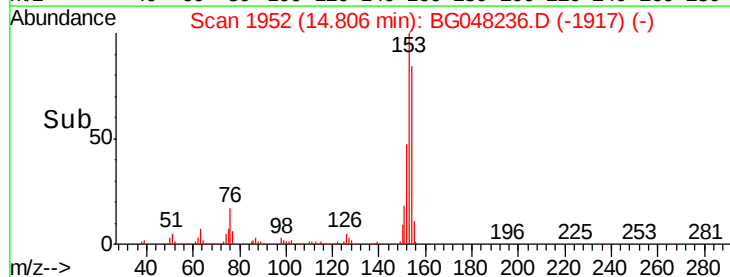
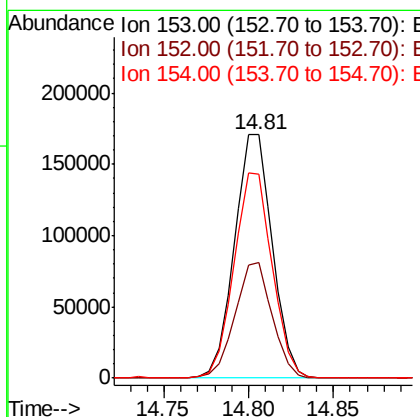
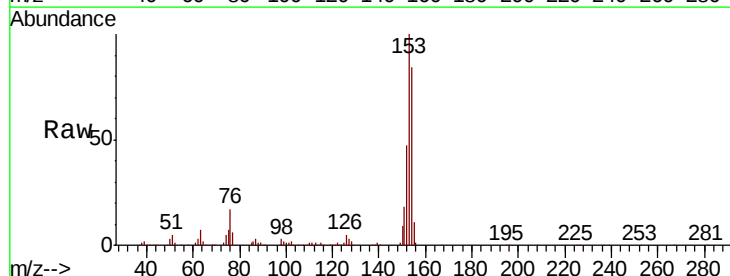
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BNA_G
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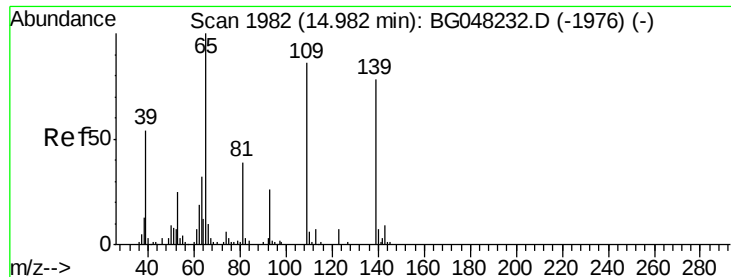
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	11.2	8.3	12.5



#50
Acenaphthene
Concen: 39.006 ng/ul
RT: 14.81 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG048236.D
Acq: 20 Feb 2021 14:23

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.0	58.6
154	83.7	67.0	100.4

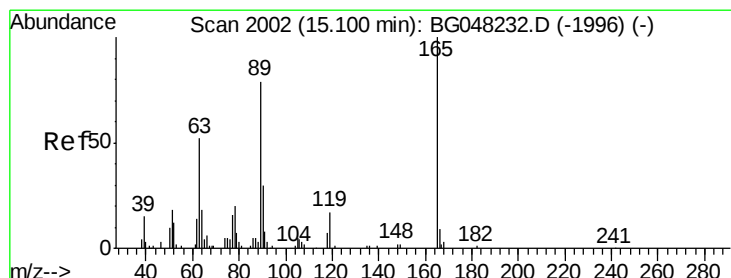
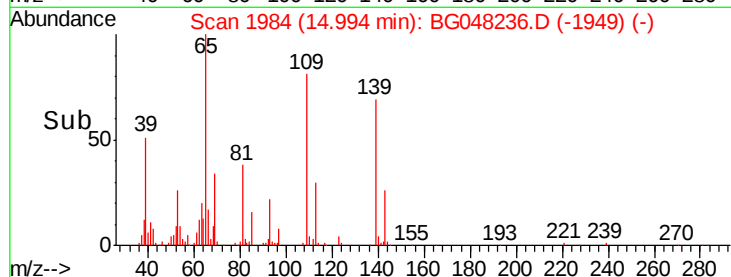
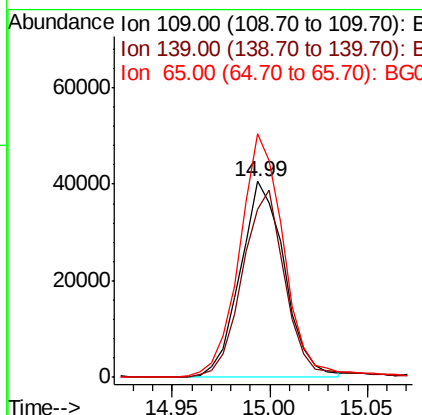
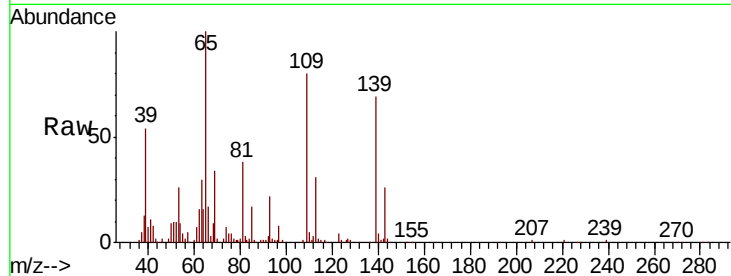




#53
4-Nitrophenol
Concen: 40.118 ng/ul
RT: 14.99 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG048236.D
Acq: 20 Feb 2021 14:23

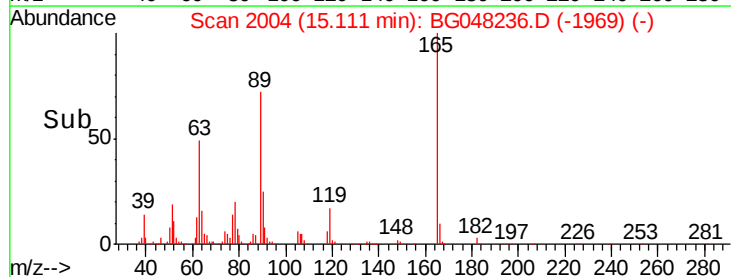
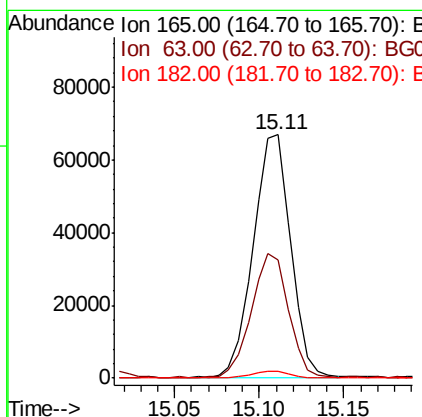
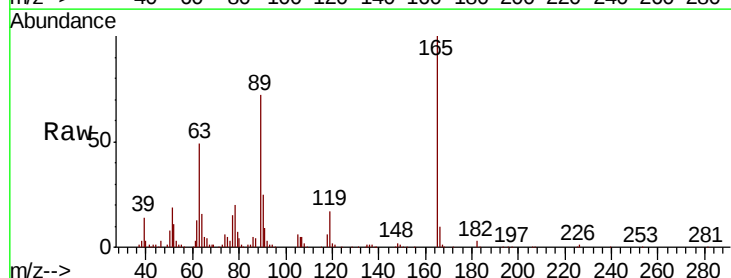
Instrument :
BNA_G
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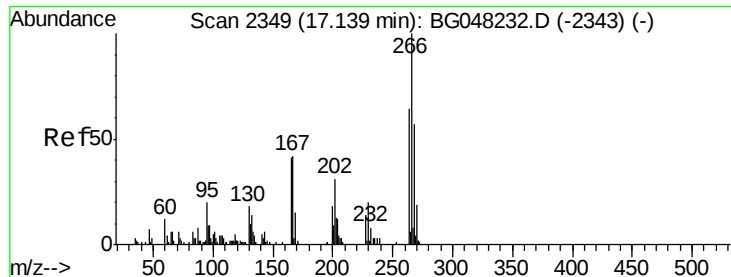
Tot Ion:109 Resp: 64015
Ion Ratio Lower Upper
109 100
139 85.8 61.7 92.5
65 124.3 91.0 136.6



#55
2,4-Dinitrotoluene
Concen: 39.927 ng/ul
RT: 15.11 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG048236.D
Acq: 20 Feb 2021 14:23

Tgt Ion:165 Resp: 103714
Ion Ratio Lower Upper
165 100
63 48.6 39.2 58.8
182 2.6 2.6 4.0#

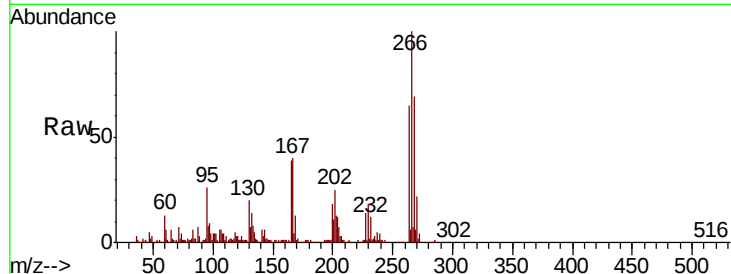




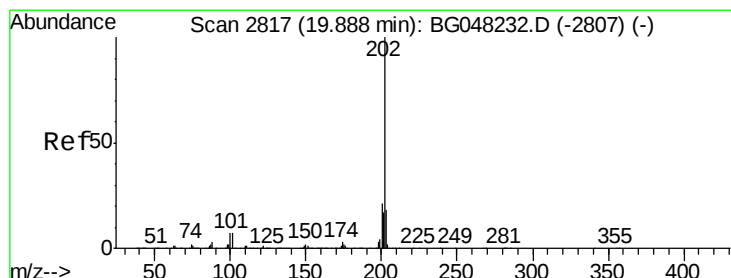
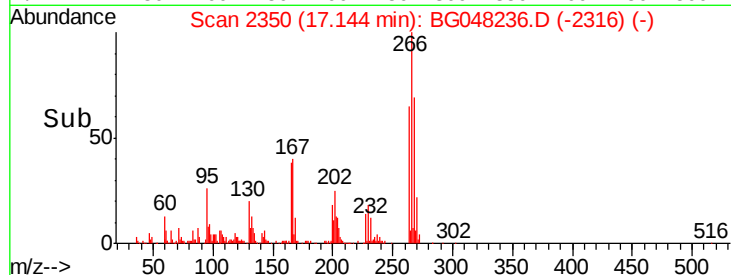
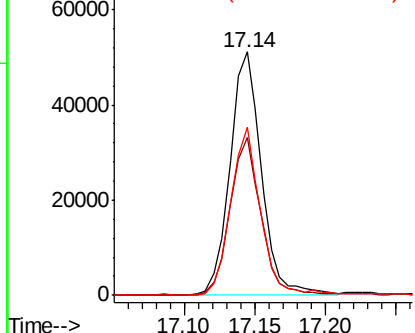
#69
 Pentachlorophenol
 Concen: 44.183 ng/ul
 RT: 17.14 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG048236.D
 Acq: 20 Feb 2021 14:23

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Tot Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.0	70.4
268	68.9	53.9	80.9

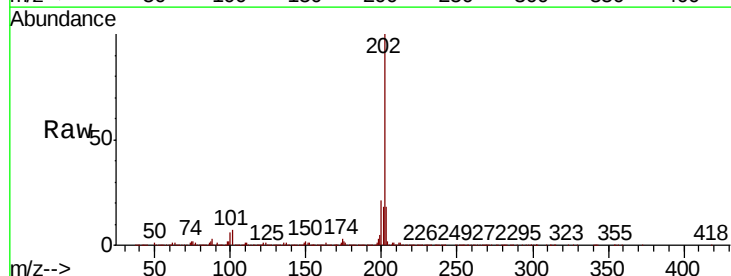


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 37.838 ng/ul
 RT: 19.89 min Scan# 2818
 Delta R.T. 0.01 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.6	8.4
100	6.0	4.6	7.0



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

