

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042141.D
 Acq On : 12 Aug 2019 11:57
 Operator : HP/JU
 Sample : K4161-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD7MSD

Quant Time: Aug 13 05:03:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	98323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	399913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	284792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	594942	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	602819	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	674876	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	8984	4.00	ng/uL	0.00
5) Phenol-d5	7.18	99	53181	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	103461	23.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	156020	23.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	96859	14.95	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	93749	31.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	116217	33.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	207394	29.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	11196	1.43	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	652691	29.55	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	754568	29.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	22935	6.18	ng/ul	0.00
57) Fluorene-d10	15.68	176	577899	29.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	114770	30.07	ng/ul	0.00
70) Anthracene-d10	17.54	188	894009	31.32	ng/ul	0.00
78) Pyrene-d10	19.82	212	1014208	30.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	1133197	32.14	ng/ul	0.00

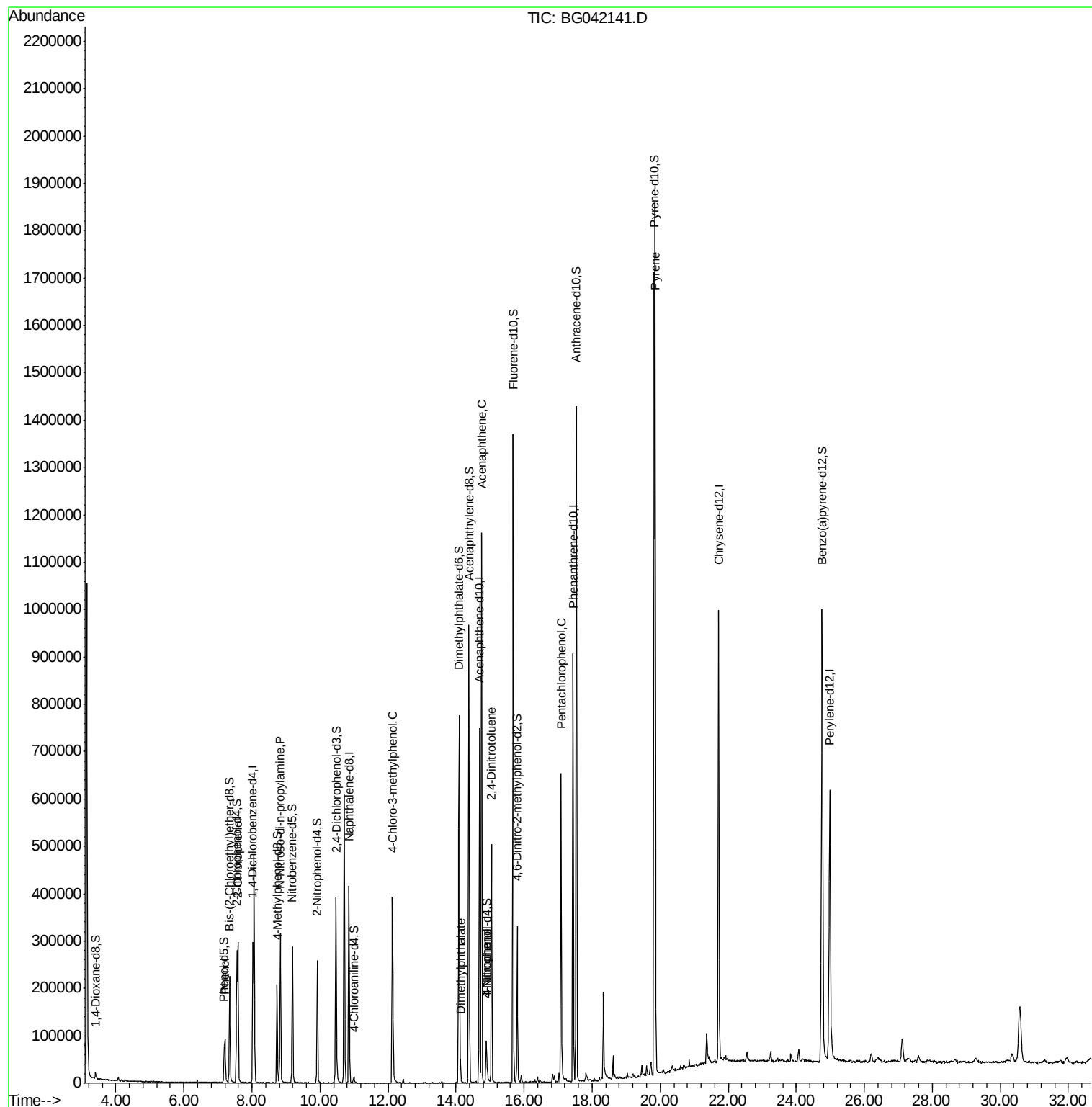
Target Compounds				Ovalue		
6) Phenol	7.21	94	57081	7.167	ng/ul	92
10) 2-Chlorophenol	7.58	128	156997	23.478	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.83	70	129500	24.604	ng/ul	94
33) 4-Chloro-3-methylphenol	12.13	107	169892	24.643	ng/ul	96
44) Dimethylphthalate	14.13	163	35882	1.636	ng/ul	99
49) Acenaphthene	14.75	153	526919	29.592	ng/ul	97
52) 4-Nitrophenol	14.90	109	14900	5.422	ng/ul	88
54) 2,4-Dinitrotoluene	15.04	165	205165	29.580	ng/ul#	84
68) Pentachlorophenol	17.09	266	159554	37.032	ng/ul	94
79) Pyrene	19.86	202	1212774	29.909	ng/ul	99

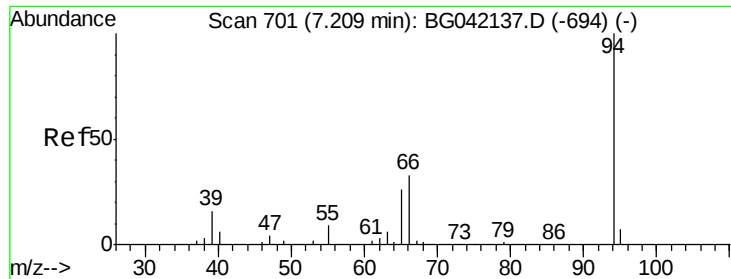
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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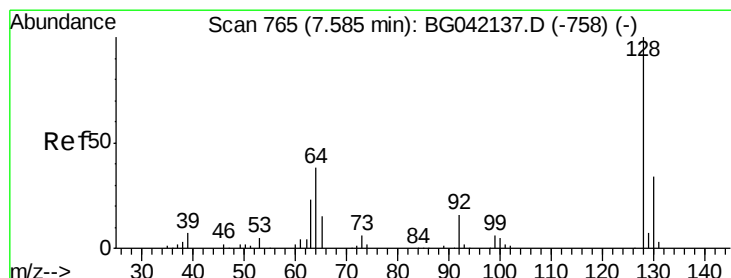
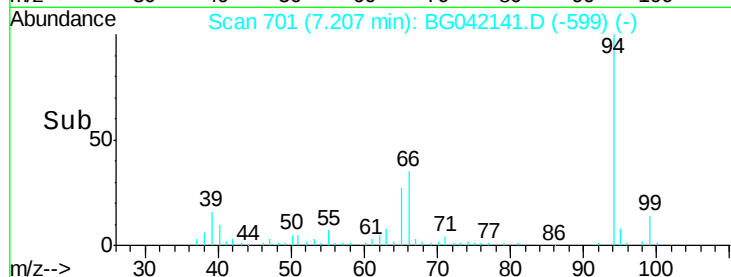
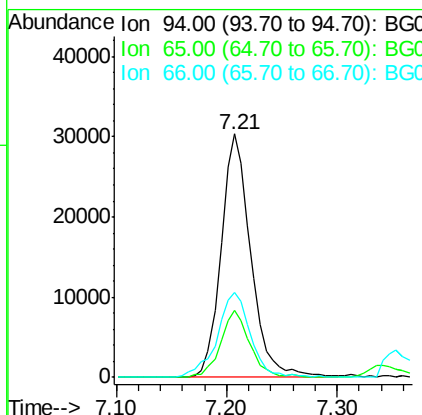
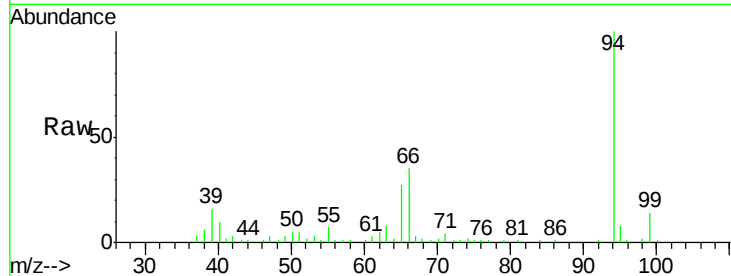
#6

Phenol

Concen: 7.167 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042141.D
 Acq: 12 Aug 2019 11:57

Instrument :
 BNA_G
 ClientSampleId :
 ETOD7MSD

Tot Ion	94	Resp	57081
Ion	Ratio	Lower	Upper
94	100		
65	27.4	25.8	38.6
66	35.1	31.8	47.8

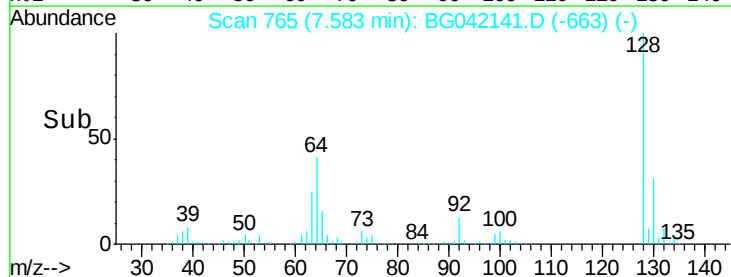
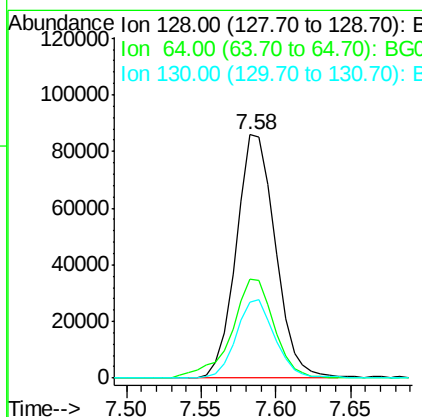
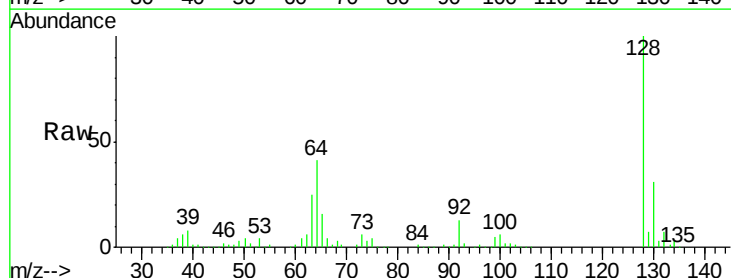


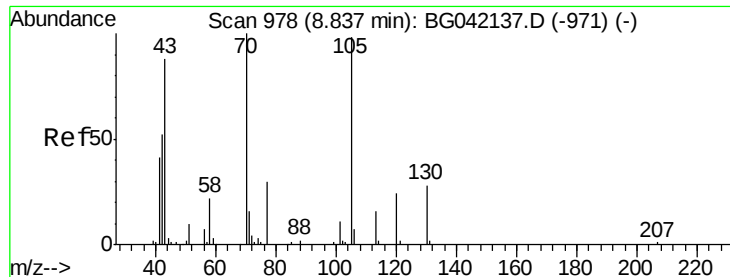
#10

2-Chlorophenol

Concen: 23.478 ng/ul
 RT: 7.58 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG042141.D
 Acq: 12 Aug 2019 11:57

Tgt Ion	128	Resp	156997
Ion	Ratio	Lower	Upper
128	100		
64	40.8	35.5	53.3
130	31.3	26.2	39.4





#15

N-Nitroso-di-n-propylamine

Concen: 24.604 ng/ul

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG042141.D

Acq: 12 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

ETOD7MSD

Tot Ion: 70 Resp: 129500

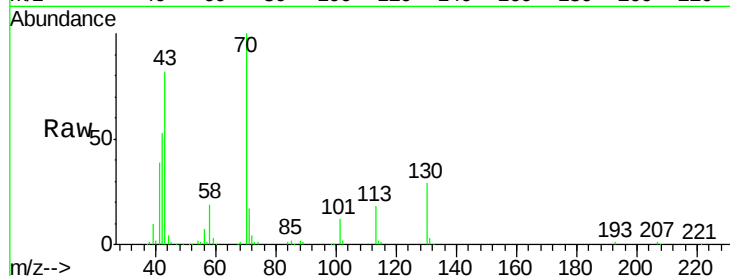
Ion Ratio Lower Upper

70 100

42 52.6 46.4 69.6

101 11.8 9.7 14.5

130 28.6 21.1 31.7

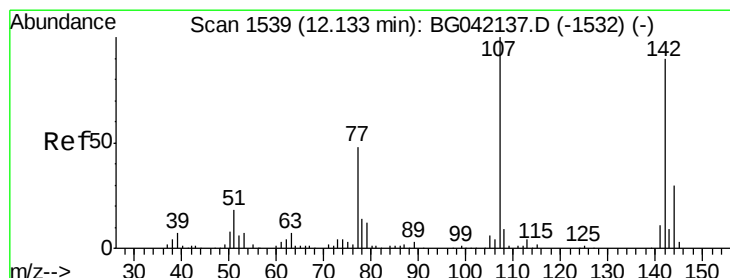
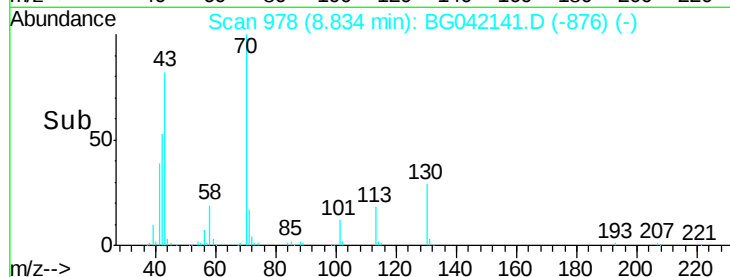
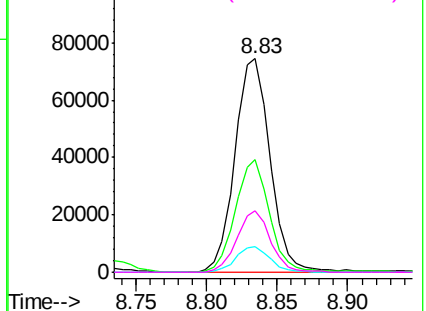


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 24.643 ng/ul

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG042141.D

Acq: 12 Aug 2019 11:57

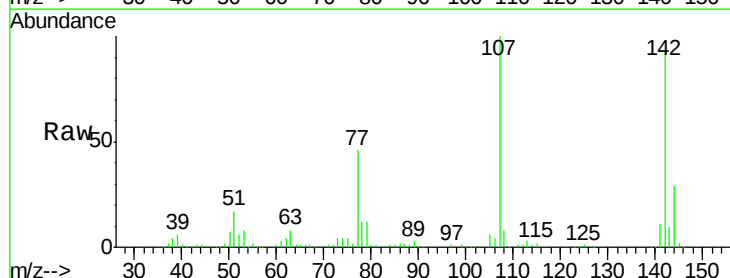
Tgt Ion:107 Resp: 169892

Ion Ratio Lower Upper

107 100

144 29.3 23.0 34.6

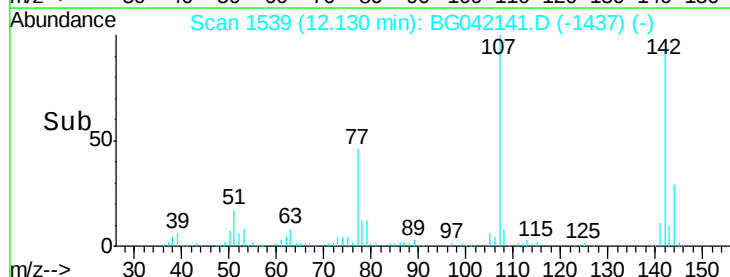
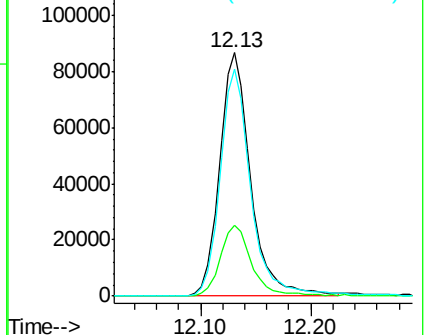
142 93.2 71.0 106.6

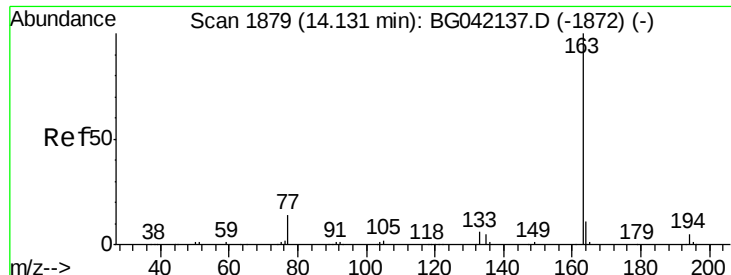


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC

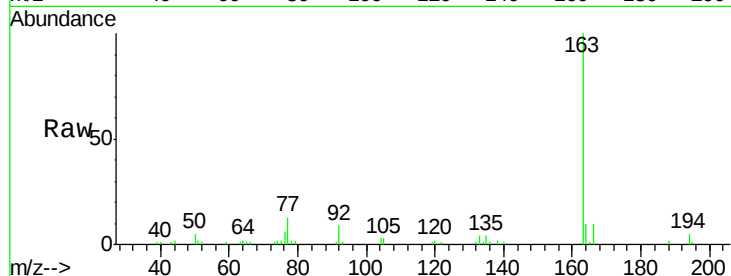




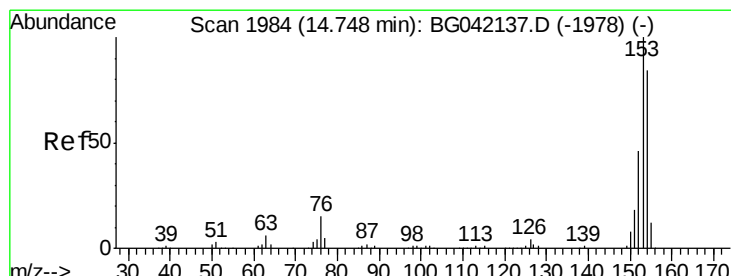
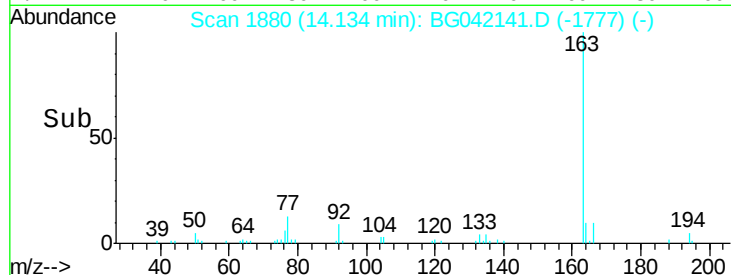
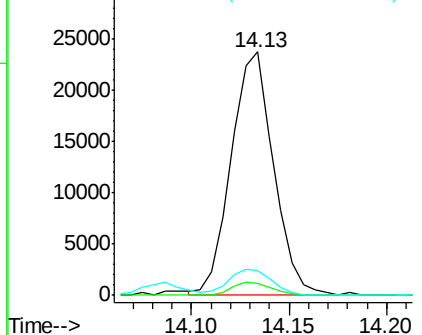
#44
Dimethylphthalate
Concen: 1.636 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042141.D
Acq: 12 Aug 2019 11:57

Instrument :
BNA_G
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Tot Ion:163 Resp: 35882
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.4 7.8 11.8

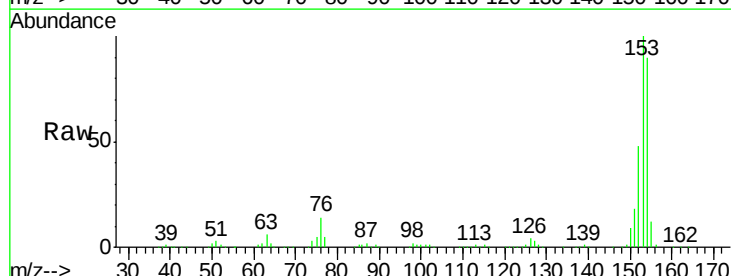


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

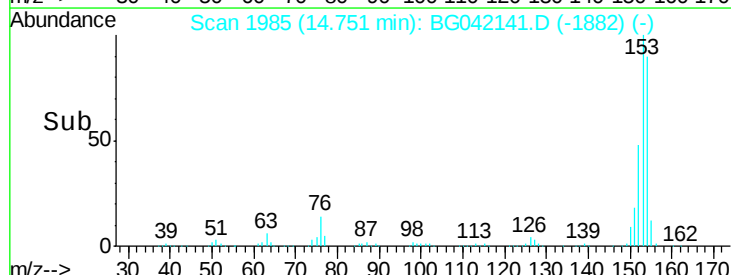
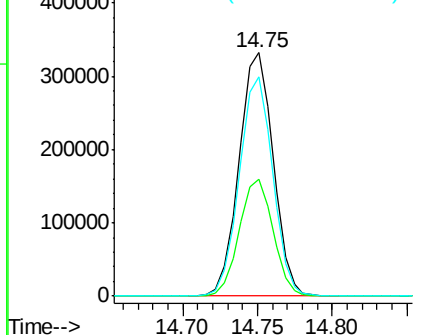


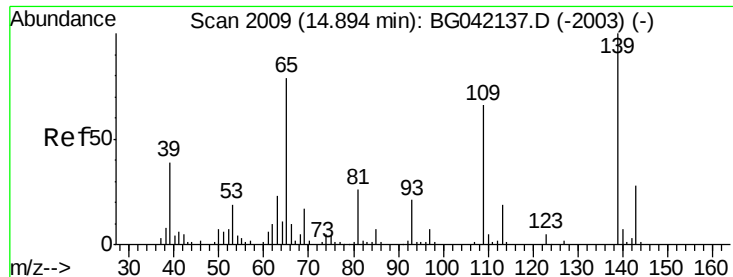
#49
Acenaphthene
Concen: 29.592 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG042141.D
Acq: 12 Aug 2019 11:57

Tgt Ion:153 Resp: 526919
Ion Ratio Lower Upper
153 100
152 48.0 37.8 56.8
154 90.1 69.4 104.2



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

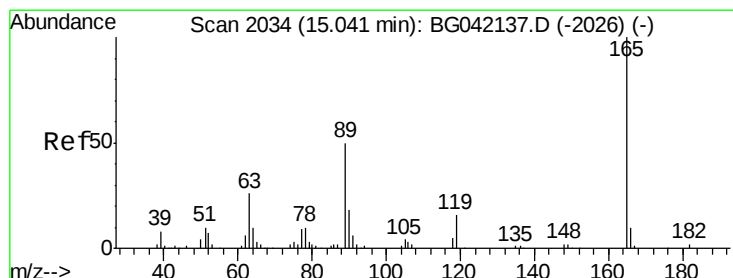
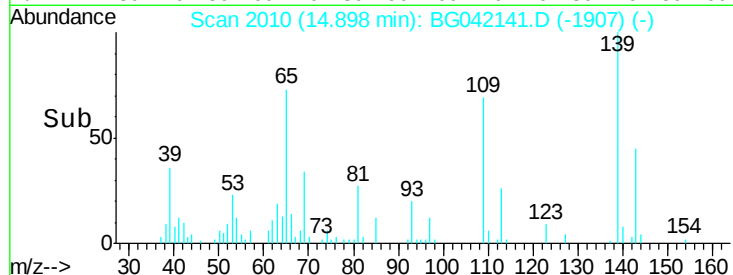
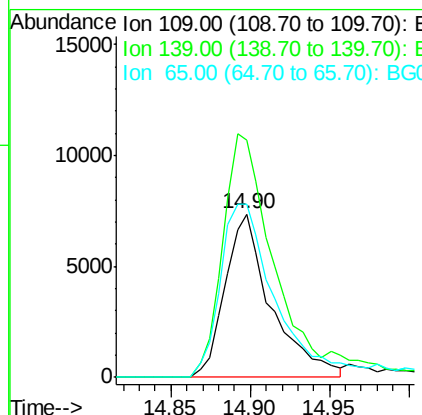
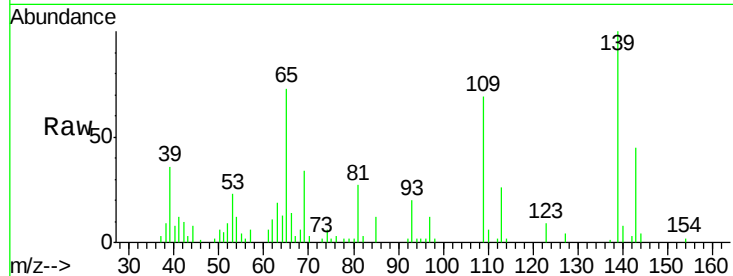




#52
4-Nitrophenol
Concen: 5.422 ng/ul
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG042141.D
Acq: 12 Aug 2019 11:57

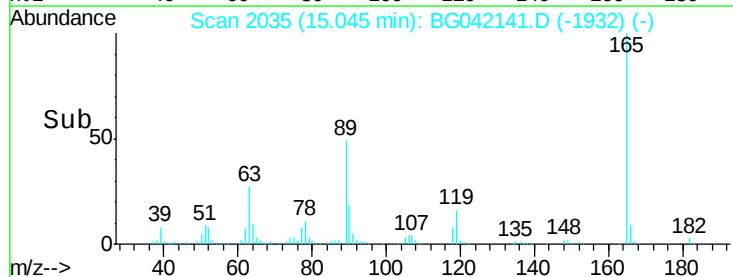
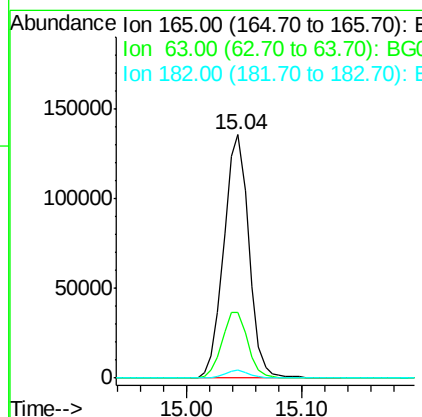
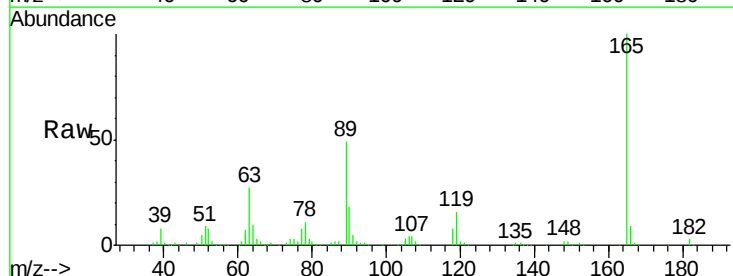
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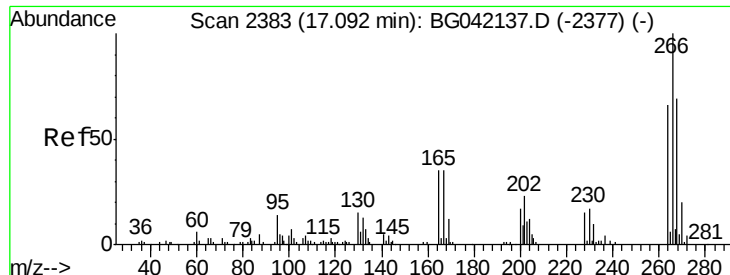
Tot Ion	Ratio	Lower	Upper
109	100		
139	145.0	111.8	167.6
65	106.2	103.6	155.4



#54
2,4-Dinitrotoluene
Concen: 29.580 ng/ul
RT: 15.04 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG042141.D
Acq: 12 Aug 2019 11:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.7	29.4	44.2#
182	3.2	2.6	4.0





#68

Pentachlorophenol

Concen: 37.032 ng/ul

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG042141.D

Acq: 12 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

ETOD7MSD

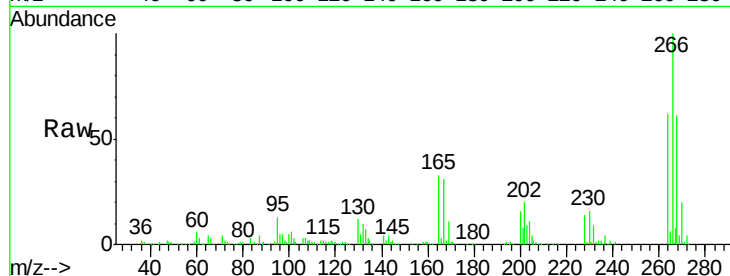
Tot Ion:266 Resp: 159554

Ion Ratio Lower Upper

266 100

264 62.3 52.3 78.5

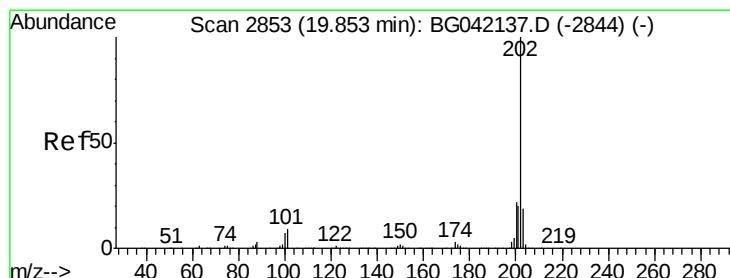
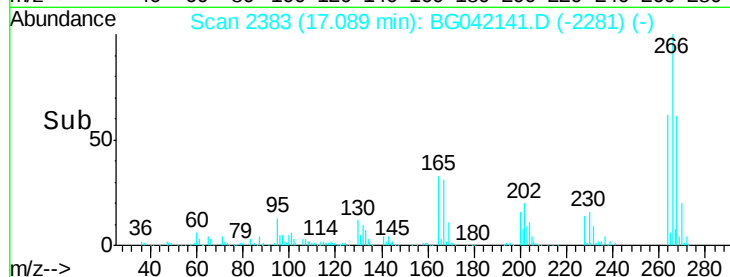
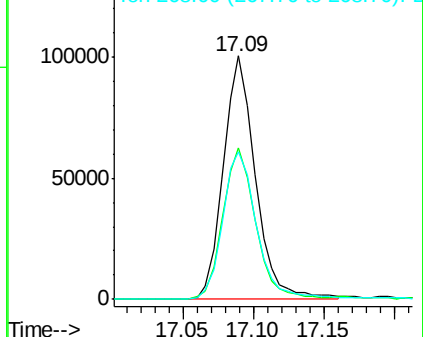
268 60.7 53.2 79.8



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: 29.909 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042141.D

Acq: 12 Aug 2019 11:57

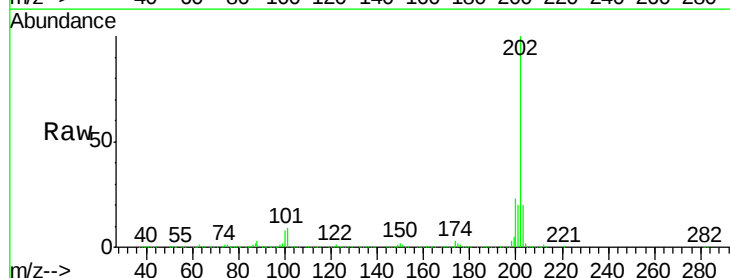
Tgt Ion:202 Resp: 1212774

Ion Ratio Lower Upper

202 100

101 9.3 7.6 11.4

100 7.8 6.5 9.7



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

