

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048279.D
 Acq On : 22 Feb 2021 22:07
 Operator : CG/JU
 Sample : M1429-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGS8

Manual Integrations
 APPROVED

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 2/23/2021 3:43:00 PM

Quant Time: Feb 23 01:25:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 11:08:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	35118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	136666	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.76	164	95535	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.50	188	220908	20.00	ng/ul	0.01
78) Chrysene-d12	21.78	240	228243	20.00	ng/ul	0.01
86) Perylene-d12	25.09	264	220948	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4026	4.77	ng/uL	0.00
5) Phenol-d5	7.35	99	30946	10.46	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.45	67	68843	39.06	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	69895	33.65	ng/ul	0.02
13) 4-Methylphenol-d8	8.89	113	53823	23.19	ng/ul	0.04
19) Nitrobenzene-d5	9.30	128	44788	43.88	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	55587	45.02	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	96826	40.04	ng/ul	0.02
29) 4-Chloroaniline-d4	11.12	131	872m	0.36	ng/ul	0.04
44) Dimethylphthalate-d6	14.16	166	317441	44.86	ng/ul	0.02
47) Acenaphthylene-d8	14.46	160	396924	45.89	ng/ul	0.02
52) 4-Nitrophenol-d4	15.05	143	14157m	11.77	ng/ul	0.05
58) Fluorene-d10	15.75	176	298436	47.28	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.89	200	56292	41.56	ng/ul	0.02
71) Anthracene-d10	17.60	188	464126	49.00	ng/ul	0.01
79) Pyrene-d10	19.88	212	526886	46.23	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.87	264	540793	47.98	ng/ul	0.03

Target Compounds

				Ovalue	
6) Phenol	7.38	94	42391	13.876	ng/ul 94
28) Naphthalene	10.98	128	19979	2.898	ng/ul# 94
41) 1,1'-Biphenyl	13.63	154	8001723	1220.973	ng/ul# 27
45) Dimethylphthalate	14.21	163	11027	1.507	ng/ul# 99
50) Acenaphthene	14.82	153	11246	1.937	ng/ul 95
54) Dibenzofuran	15.15	168	67912	8.014	ng/ul 100

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

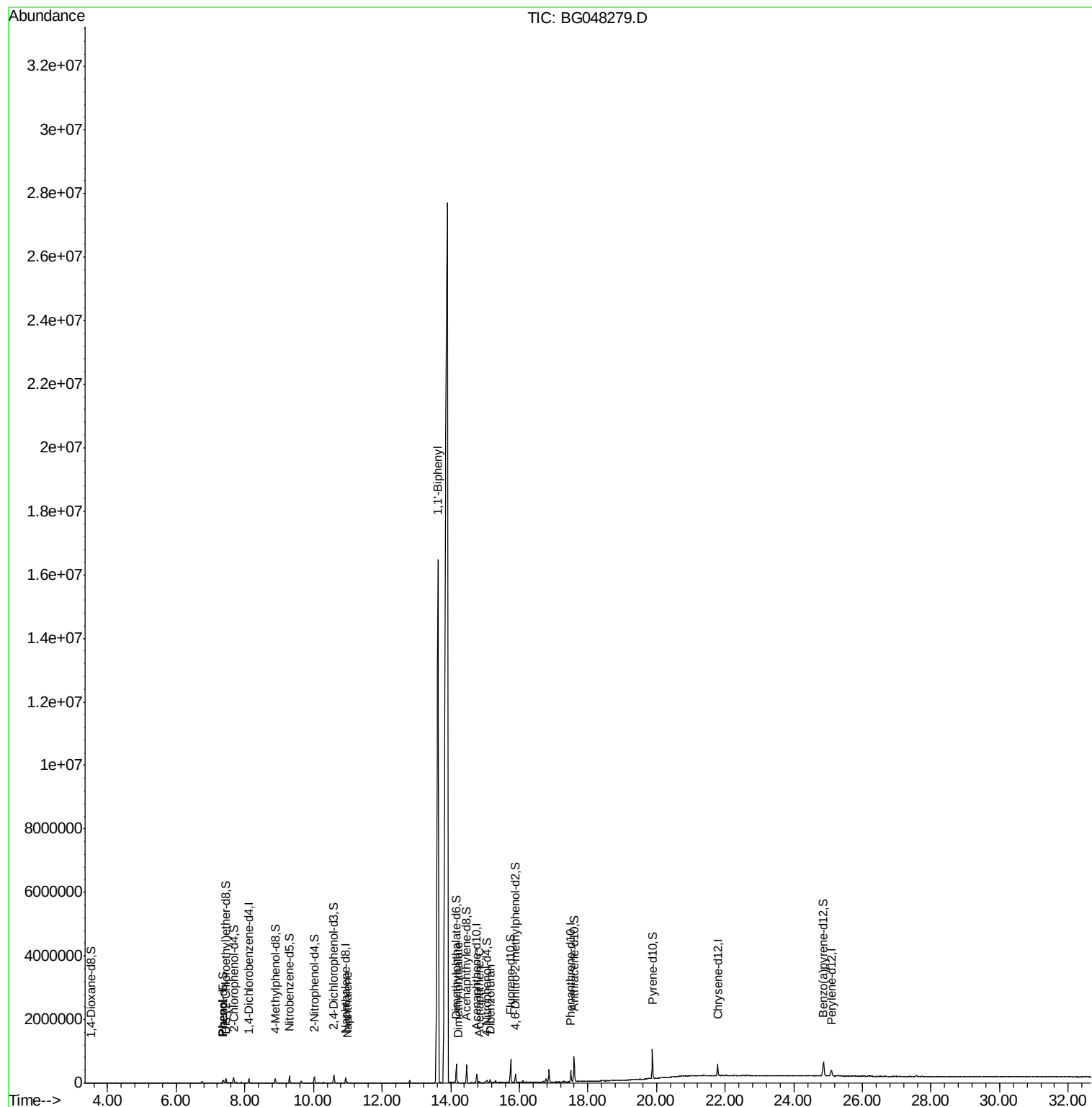
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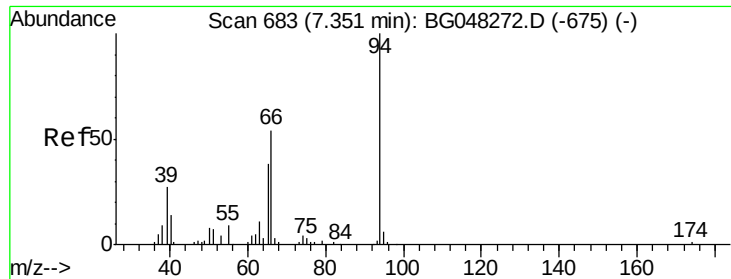
Instrument :
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#6

Phenol

Concen: 13.876 ng/ul

RT: 7.38 min Scan# 687

Delta R.T. 0.04 min

Lab File: BG048279.D

Acq: 22 Feb 2021 22:07

Instrument :

BNA_G

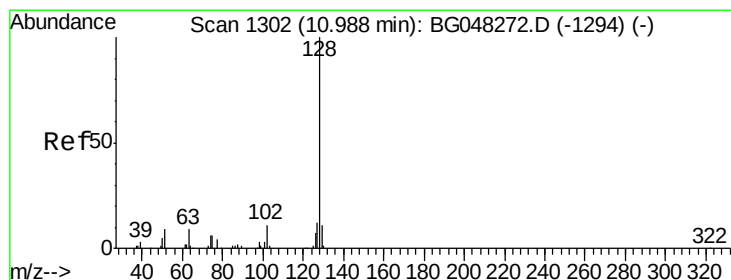
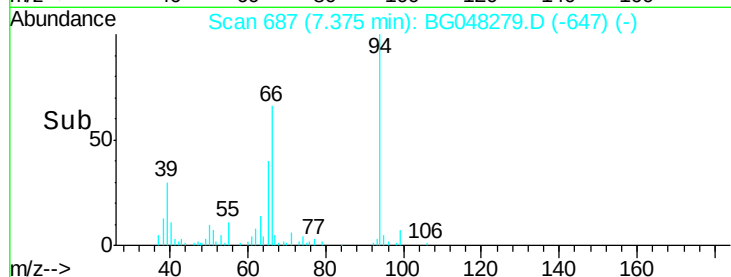
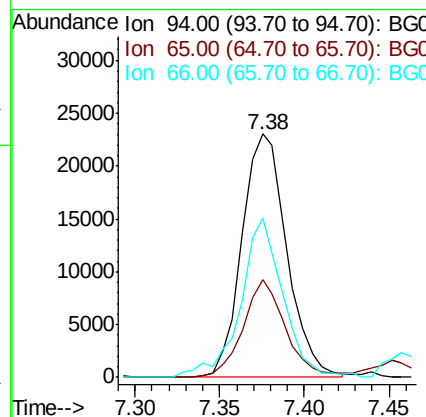
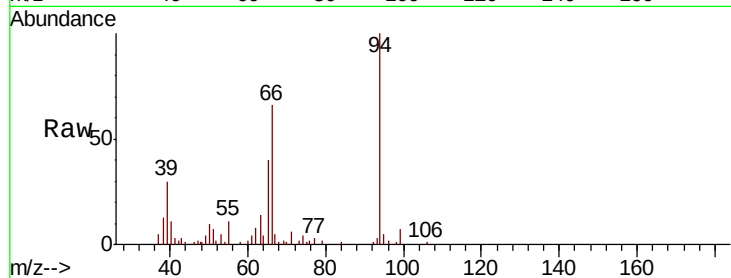
ClientSampleId :

DBGS8

Tot Ion:	94	Resp:	42391
Ion	Ratio	Lower	Upper
94	100		
65	40.0	31.0	46.6
66	65.5	46.8	70.2

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#28

Naphthalene

Concen: 2.898 ng/ul

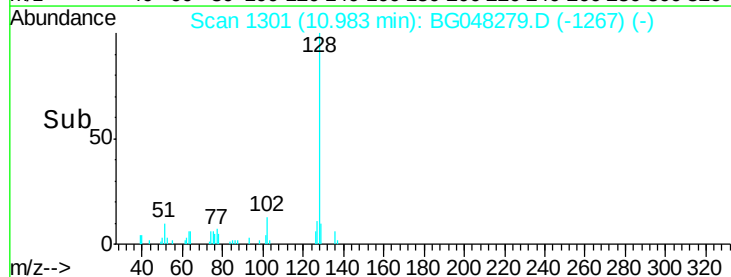
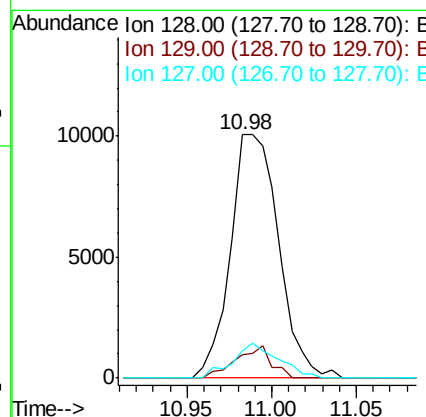
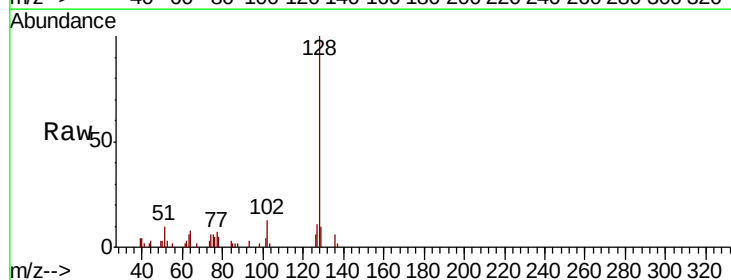
RT: 10.98 min Scan# 1301

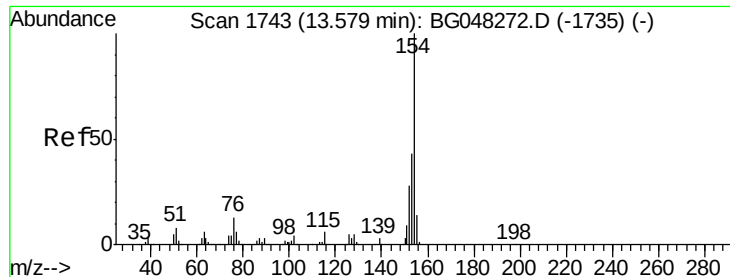
Delta R.T. 0.00 min

Lab File: BG048279.D

Acq: 22 Feb 2021 22:07

Tgt Ion:	128	Resp:	19979
Ion	Ratio	Lower	Upper
128	100		
129	9.6	10.4	15.6#
127	11.2	10.2	15.2





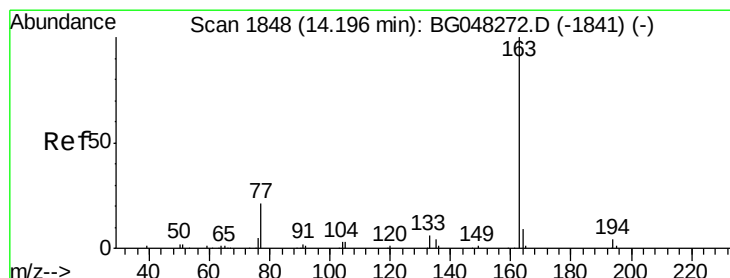
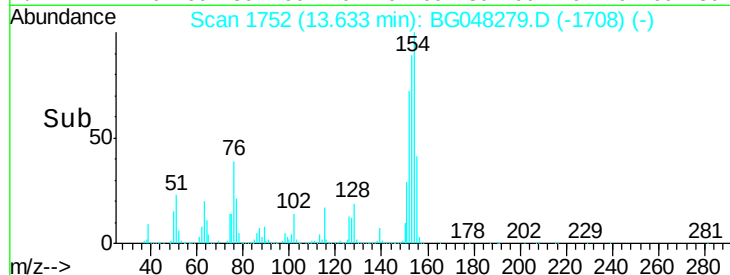
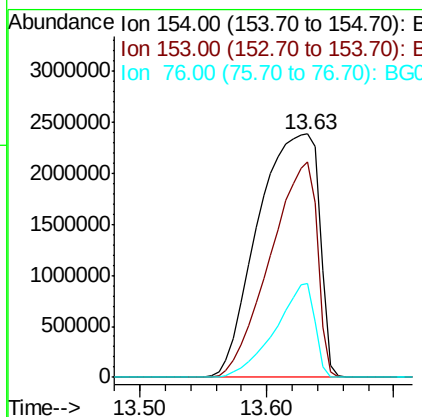
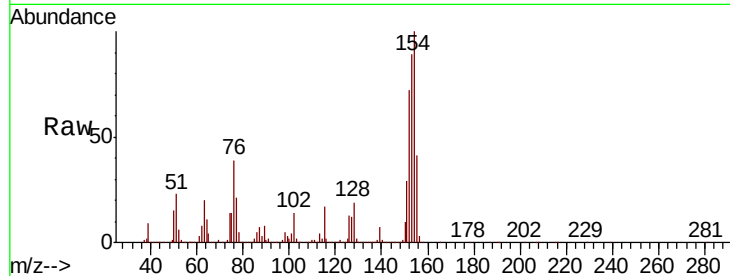
#41
 1,1'-Biphenyl
 Concen: 1220.973 ng/ul
 RT: 13.63 min Scan# 1752
 Delta R.T. 0.06 min
 Lab File: BG048279.D
 Acq: 22 Feb 2021 22:07

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Tot Ion:154 Resp: 8001723
 Ion Ratio Lower Upper
 154 100
 153 88.7 33.0 49.4#
 76 38.7 10.8 16.2#

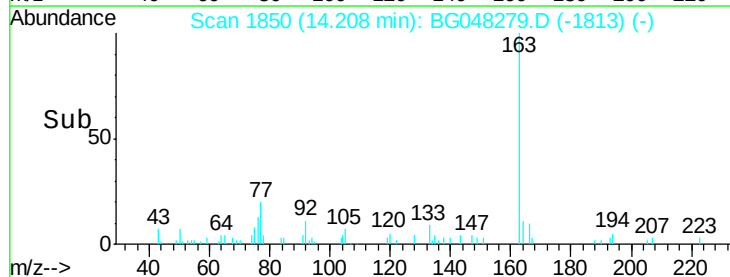
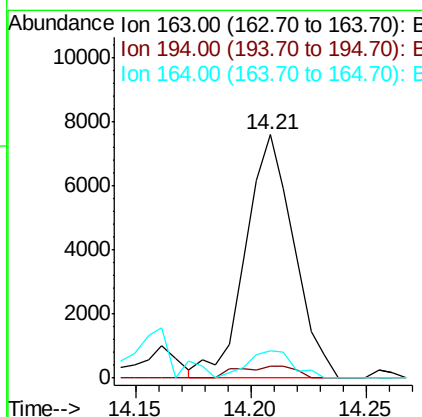
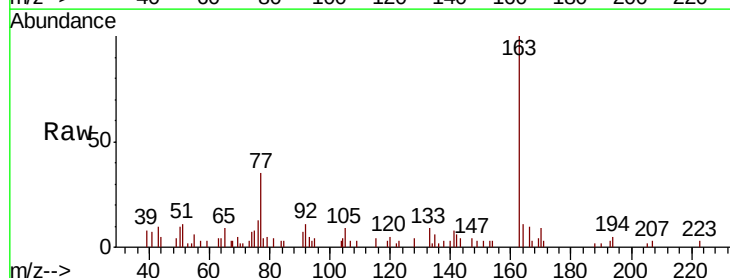
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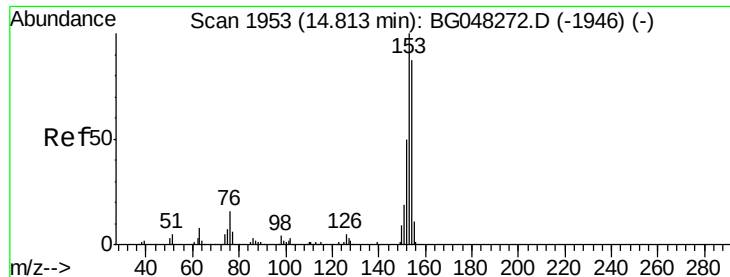
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#45
 Dimethylphthalate
 Concen: 1.507 ng/ul
 RT: 14.21 min Scan# 1850
 Delta R.T. 0.02 min
 Lab File: BG048279.D
 Acq: 22 Feb 2021 22:07

Tgt Ion:163 Resp: 11027
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.0 4.4#
 164 11.2 8.9 13.3





#50

Acenaphthene

Concen: 1.937 ng/ul

RT: 14.82 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BG048279.D

Acq: 22 Feb 2021 22:07

Instrument :

BNA_G

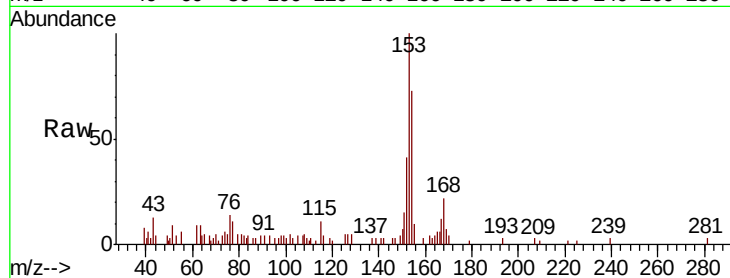
ClientSampleId :

DBGS8

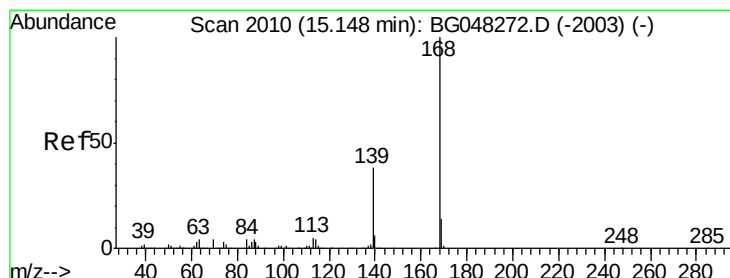
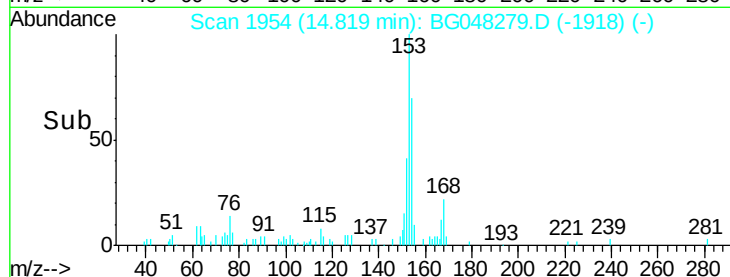
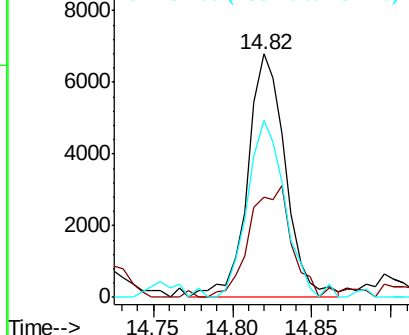
Tot Ion:	153	Resp:	11246
Ion	Ratio	Lower	Upper
153	100		
152	41.4	34.6	52.0
154	73.0	62.9	94.3

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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



#54

Dibenzofuran

Concen: 8.014 ng/ul

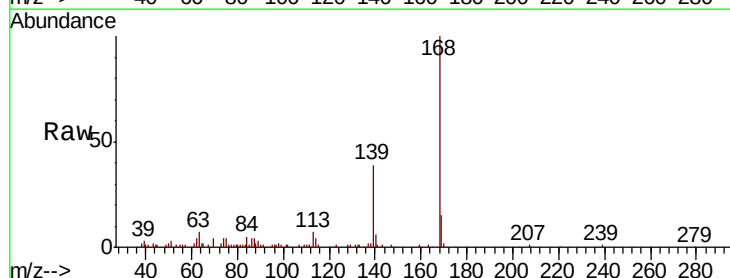
RT: 15.15 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG048279.D

Acq: 22 Feb 2021 22:07

Tgt Ion:	168	Resp:	67912
Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.7	46.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

