

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048278.D
 Acq On : 22 Feb 2021 21:27
 Operator : CG/JU
 Sample : M1429-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGS1

Manual Integrations
 APPROVED

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 2/23/2021 3:42:57 PM

Quant Time: Feb 23 01:18:40 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	31708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	127284	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.76	164	92583	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.50	188	201497	20.00	ng/ul	0.02
78) Chrysene-d12	21.78	240	209605	20.00	ng/ul	0.01
86) Perylene-d12	25.10	264	206039	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	3641	4.78	ng/uL	0.01
5) Phenol-d5	7.35	99	27377	10.25	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	62310	39.16	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	64654	34.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	51298	24.48	ng/ul	0.03
19) Nitrobenzene-d5	9.31	128	38356	40.34	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	50026	43.50	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	91051	40.42	ng/ul	0.02
29) 4-Chloroaniline-d4	11.11	131	687m	0.31	ng/ul	0.03
44) Dimethylphthalate-d6	14.17	166	291722	42.54	ng/ul	0.02
47) Acenaphthylene-d8	14.47	160	371222	44.29	ng/ul	0.02
52) 4-Nitrophenol-d4	15.05	143	13283m	11.40	ng/ul	0.05
58) Fluorene-d10	15.75	176	275768	45.08	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.89	200	49959	40.44	ng/ul	0.02
71) Anthracene-d10	17.60	188	412777	47.78	ng/ul	0.01
79) Pyrene-d10	19.88	212	472419	45.13	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.88	264	474609	45.15	ng/ul	0.04

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.55	88	1128	1.291	ng/uL	91
6) Phenol	7.38	94	35217	12.768	ng/ul	94
28) Naphthalene	10.99	128	95572	14.886	ng/ul	94
34) 2-Methylnaphthalene	12.59	142	4951	1.015	ng/ul	100
41) 1,1'-Biphenyl	13.63	154	7945461	1251.045	ng/ul#	28
54) Dibenzofuran	15.15	168	36220	4.410	ng/ul	94

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

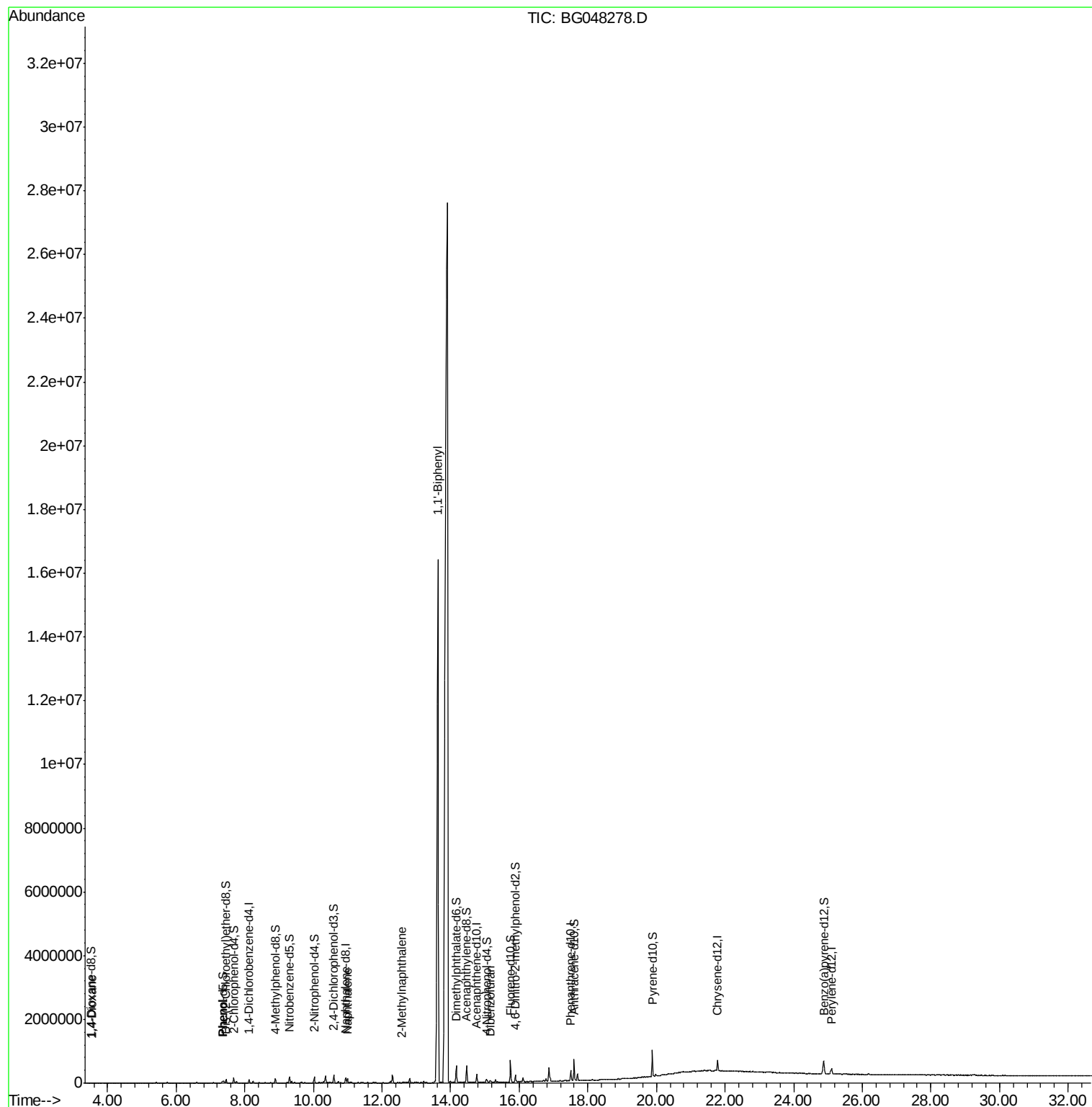
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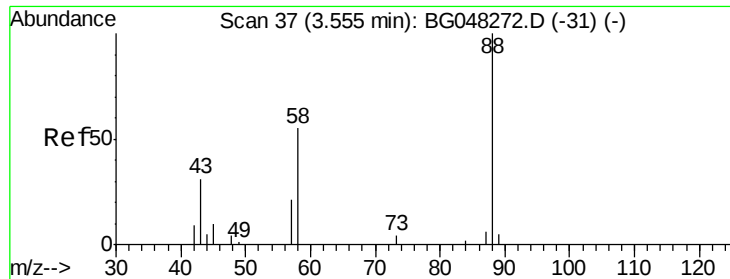
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#2

1,4-Dioxane

Concen: 1.291 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. -0.00 min

Lab File: BG048278.D

Acq: 22 Feb 2021 21:27

Instrument :

BNA_G

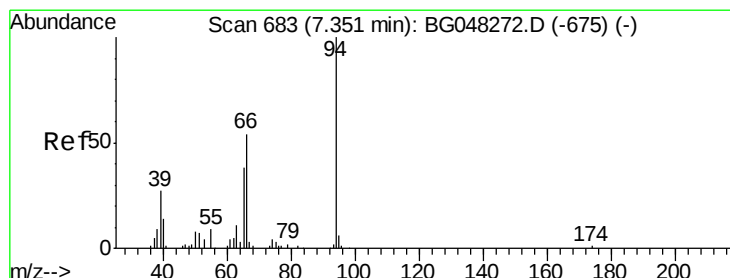
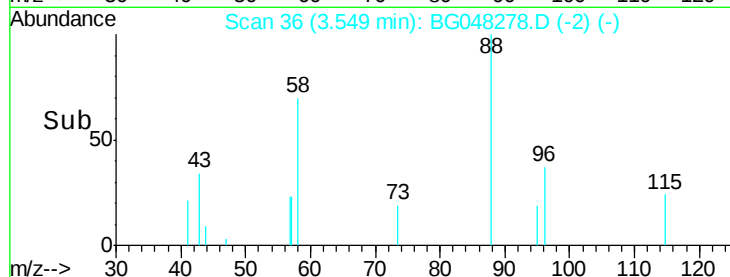
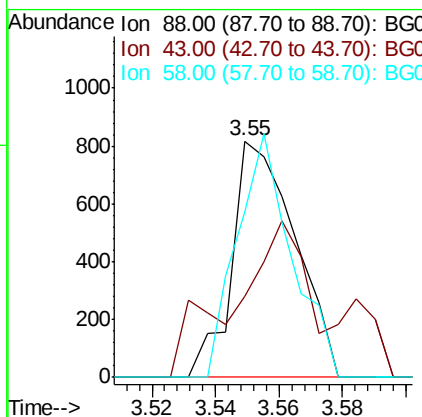
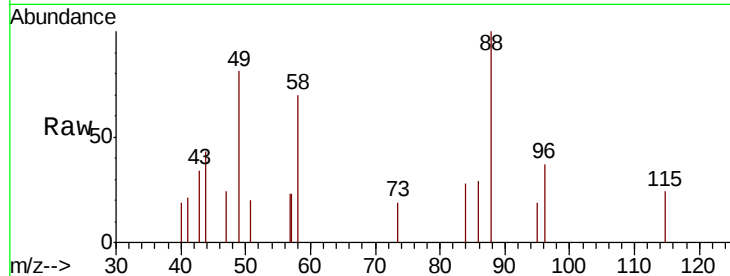
ClientSampleId :

DBGS1

Tot Ion:	88	Resp:	1128
Ion	Ratio	Lower	Upper
88	100		
43	34.1	29.9	44.9
58	70.3	63.4	95.0

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#6

Phenol

Concen: 12.768 ng/uL

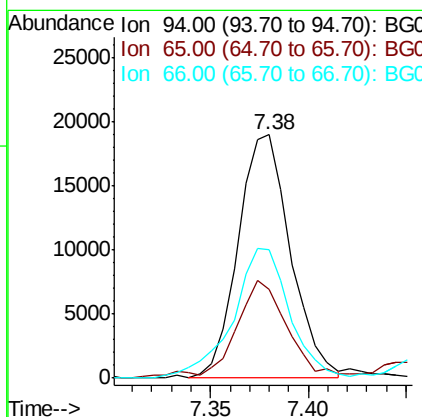
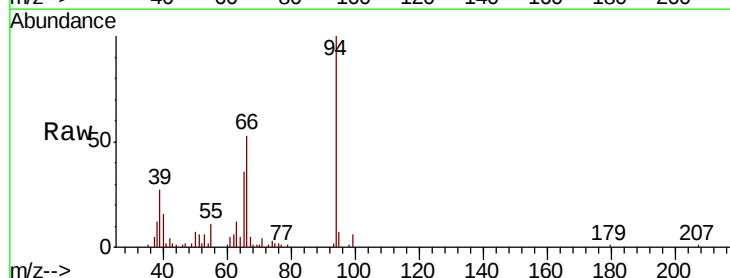
RT: 7.38 min Scan# 688

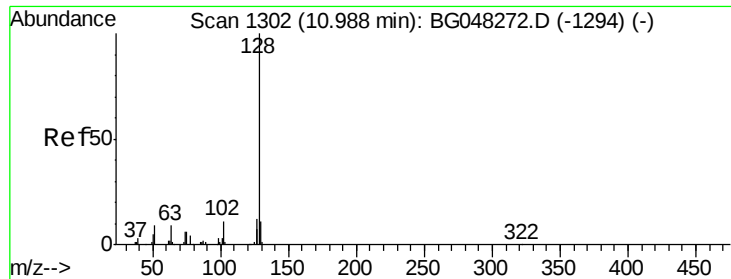
Delta R.T. 0.04 min

Lab File: BG048278.D

Acq: 22 Feb 2021 21:27

Tgt Ion:	94	Resp:	35217
Ion	Ratio	Lower	Upper
94	100		
65	36.4	31.0	46.6
66	52.5	46.8	70.2





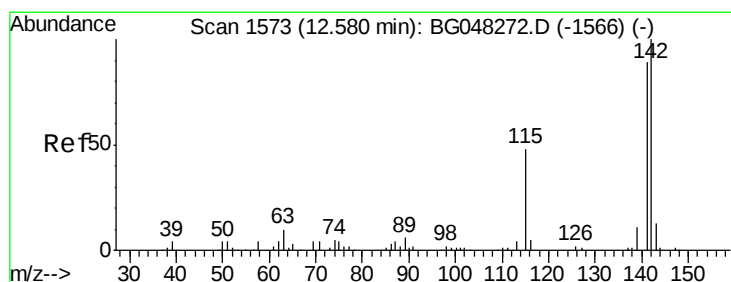
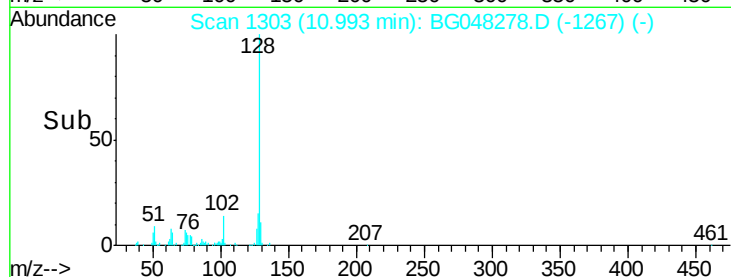
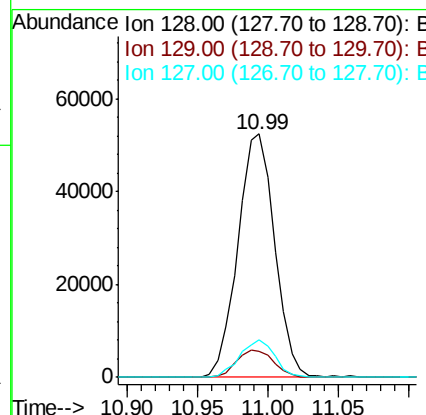
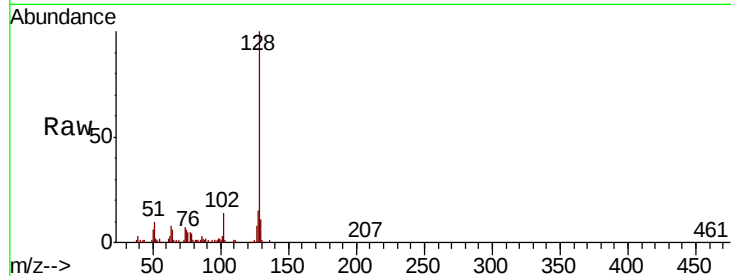
#28
Naphthalene
Concen: 14.886 ng/ul
RT: 10.99 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BG048278.D
Acq: 22 Feb 2021 21:27

Instrument :
BNA_G
ClientSampleId :
DBGS1

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	10.4	15.6
127	15.2	10.2	15.2

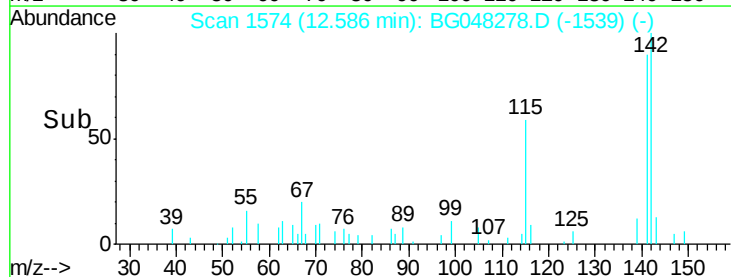
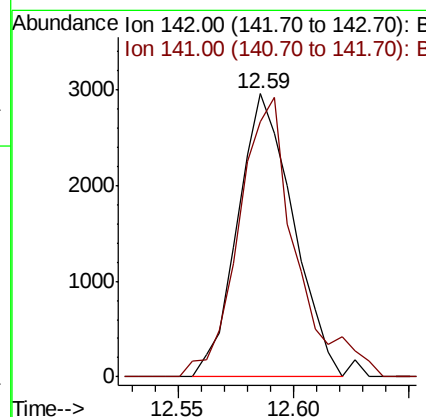
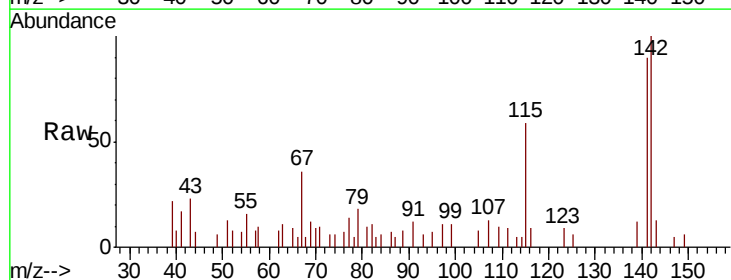
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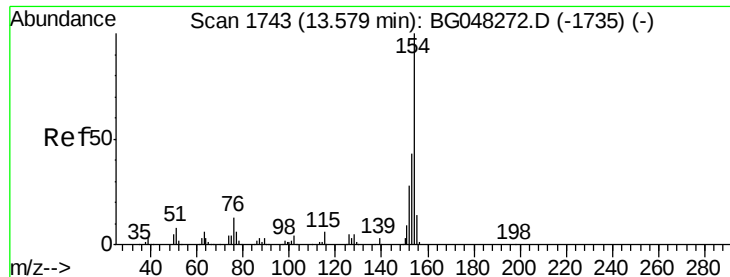
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#34
2-Methylnaphthalene
Concen: 1.015 ng/ul
RT: 12.59 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BG048278.D
Acq: 22 Feb 2021 21:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4





#41

1,1'-Biphenyl

Concen: 1251.045 ng/ul

RT: 13.63 min Scan# 1752

Delta R.T. 0.06 min

Lab File: BG048278.D

Acq: 22 Feb 2021 21:27

Instrument :

BNA_G

ClientSampleId :

DBGS1

Tot Ion:154 Resp: 7945461

Ion Ratio Lower Upper

154 100

153 87.9 33.0 49.4#

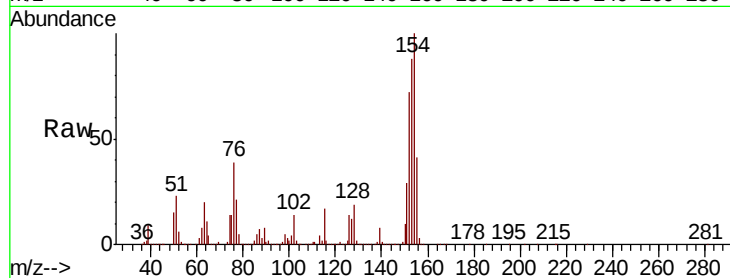
76 38.7 10.8 16.2#

Manual Integrations

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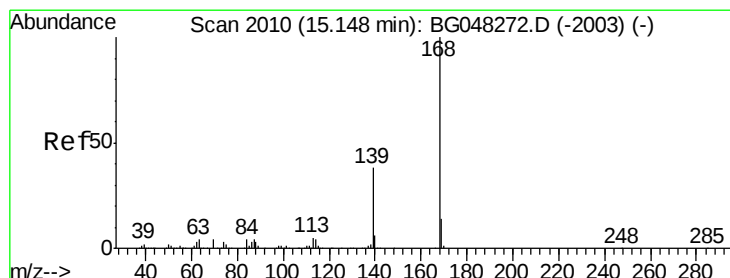
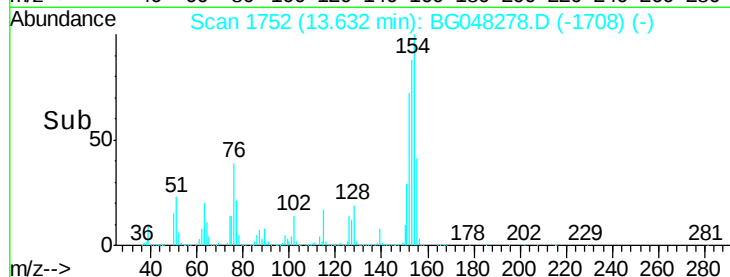
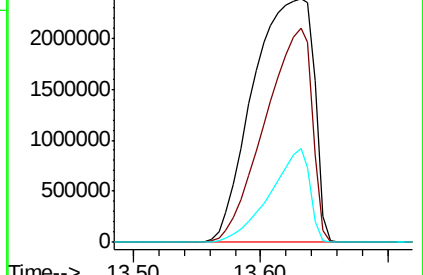
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#54

Dibenzofuran

Concen: 4.410 ng/ul

RT: 15.15 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG048278.D

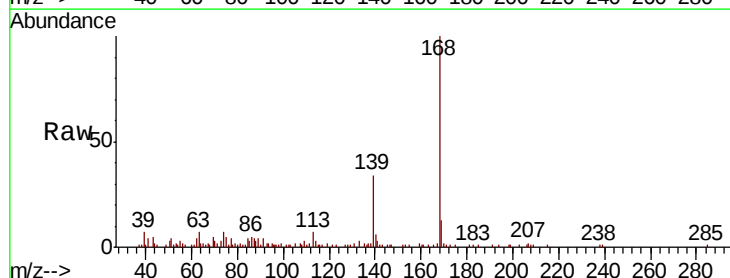
Acq: 22 Feb 2021 21:27

Tgt Ion:168 Resp: 36220

Ion Ratio Lower Upper

168 100

139 34.5 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

