

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
 Data File : BP004767.D
 Acq On : 17 Feb 2021 11:49
 Operator : CG/JU
 Sample : M1349-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBGQ5

Quant Time: Feb 18 06:36:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 12:16:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	180337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	98580	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	211439	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	238655	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	265072	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6764	5.11	ng/uL	0.00
5) Phenol-d5	6.93	99	28214	6.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	61115	28.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	79377	25.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	48572	15.02	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	41411	33.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	48846	35.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	79846	29.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	2024	0.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	229622	32.09	ng/ul	0.00
47) Acenaphthylene-d8	14.11	160	292658	33.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	8347	6.67	ng/ul	0.01
58) Fluorene-d10	15.41	176	206115	33.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	38840	30.39	ng/ul	0.00
71) Anthracene-d10	17.26	188	313136	33.58	ng/ul	0.00
79) Pyrene-d10	19.50	212	371274	33.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	459842	34.29	ng/ul	0.00

Target Compounds

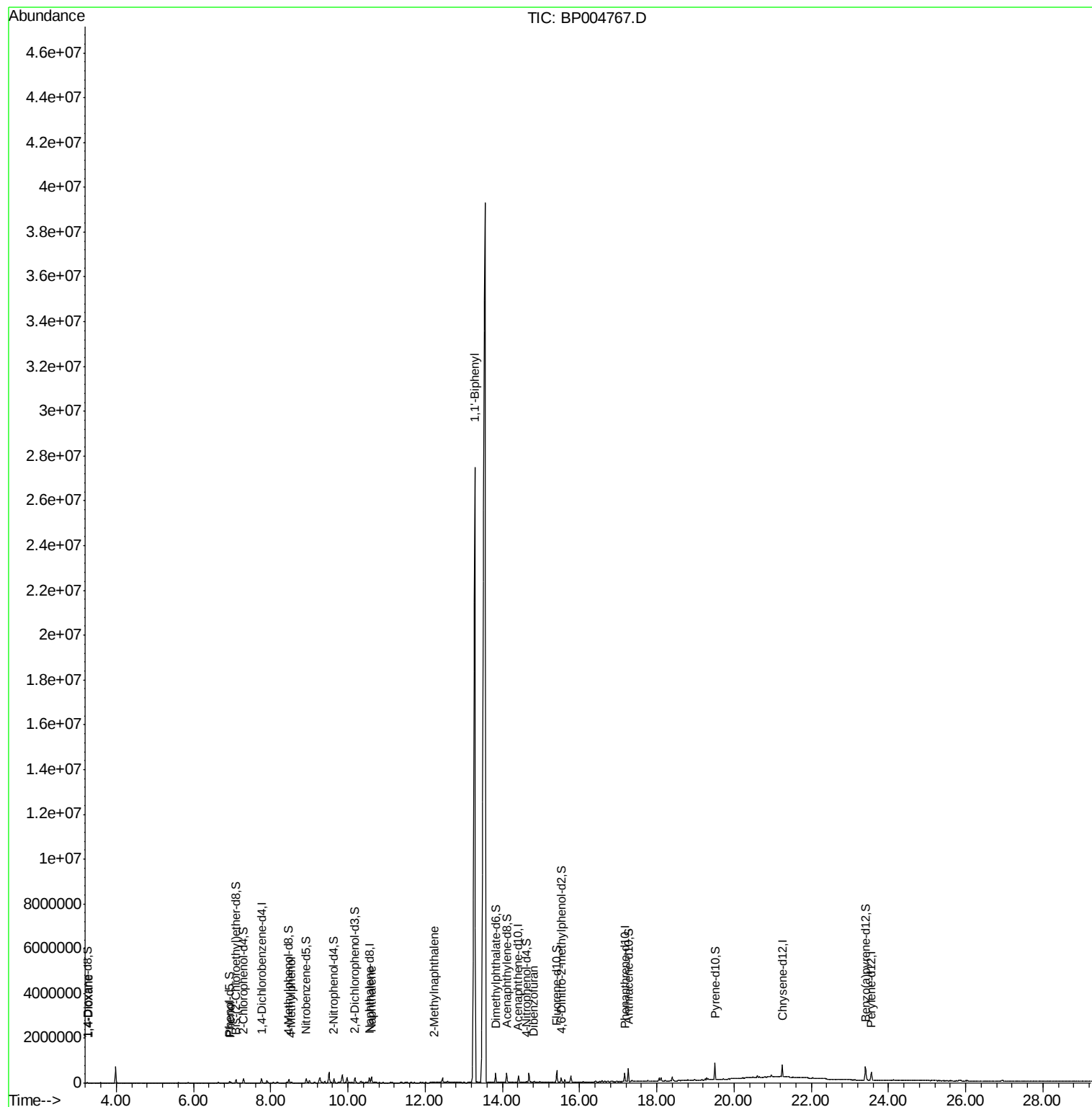
					Ovalue	
2) 1,4-Dioxane	3.29	88	4090	3.087	ng/uL#	73
6) Phenol	6.96	94	9196	2.146	ng/ul#	91
16) 4-Methylphenol	8.53	108	6012	1.750	ng/ul	88
28) Naphthalene	10.61	128	135291	14.574	ng/ul	97
34) 2-Methylnaphthalene	12.23	142	7294	1.090	ng/ul	92
41) 1,1'-Biphenyl	13.29	154	19808940	2725.786	ng/ul#	87
54) Dibenzofuran	14.82	168	29319	3.360	ng/ul	99

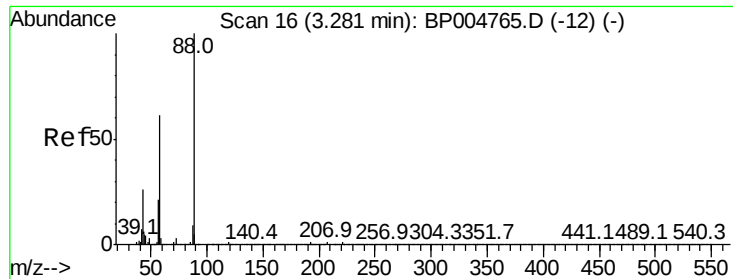
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.087 ng/uL

RT: 3.29 min Scan# 17

Delta R.T. -0.00 min

Lab File: BP004767.D

Acq: 17 Feb 2021 11:49

Instrument :

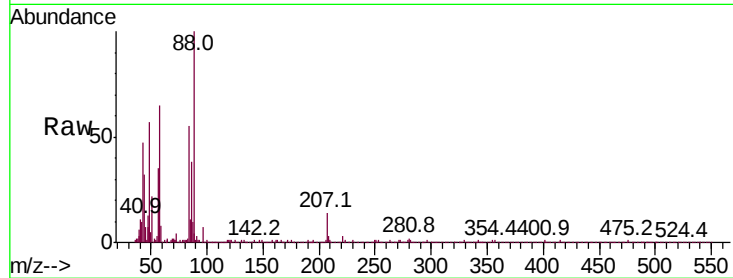
BNA_P

ClientSampleId :

DBGQ5

Tot Ion: 88 Resp: 4090

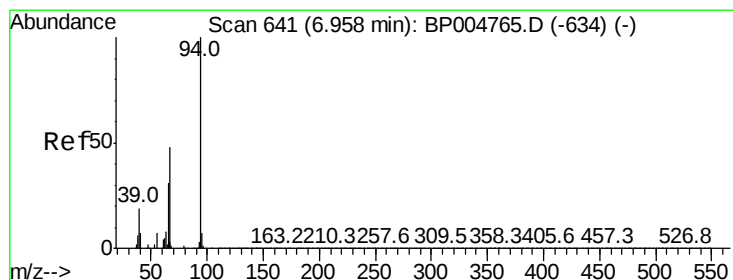
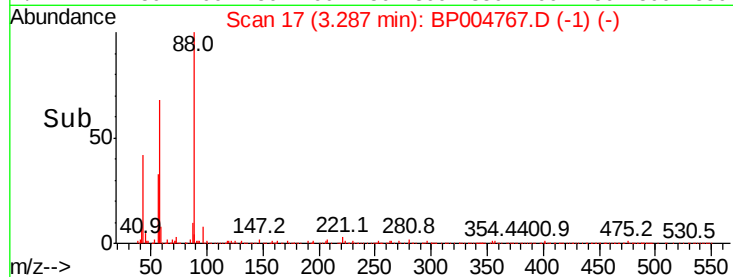
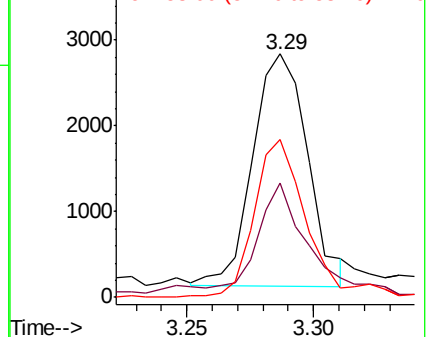
Ion	Ratio	Lower	Upper
88	100		
43	47.1	20.5	30.7#
58	64.6	40.8	61.2#



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

Ion 58.00 (57.70 to 58.70): BP0



#6

Phenol

Concen: 2.146 ng/uL

RT: 6.96 min Scan# 641

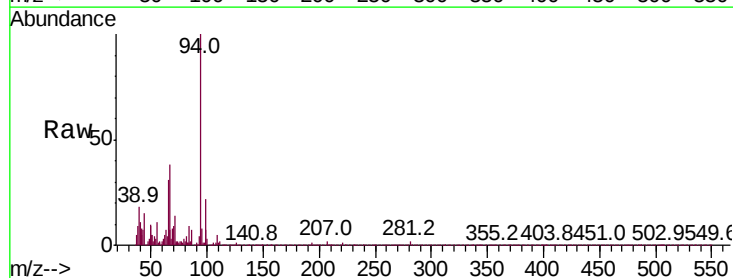
Delta R.T. -0.00 min

Lab File: BP004767.D

Acq: 17 Feb 2021 11:49

Tgt Ion: 94 Resp: 9196

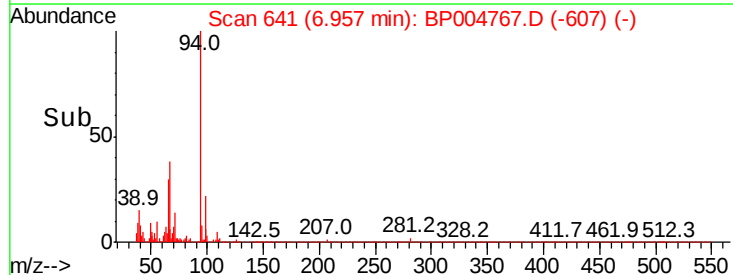
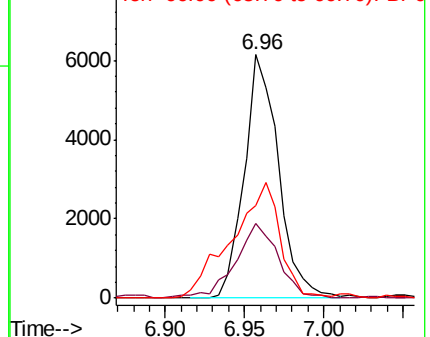
Ion	Ratio	Lower	Upper
94	100		
65	30.8	24.8	37.2
66	37.8	38.1	57.1#

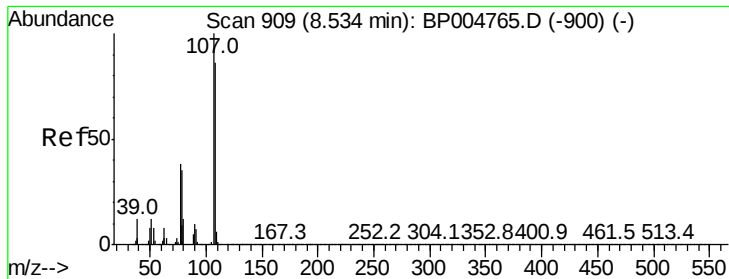


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

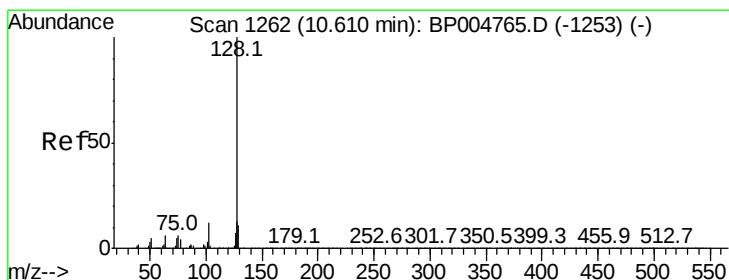
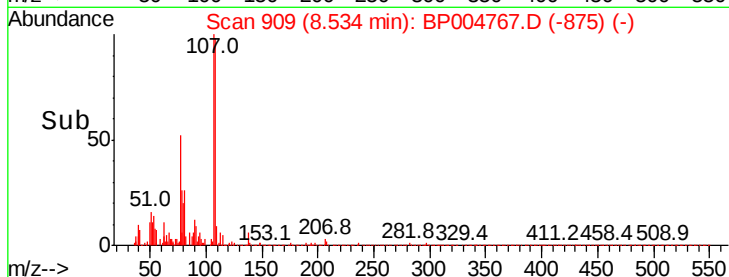
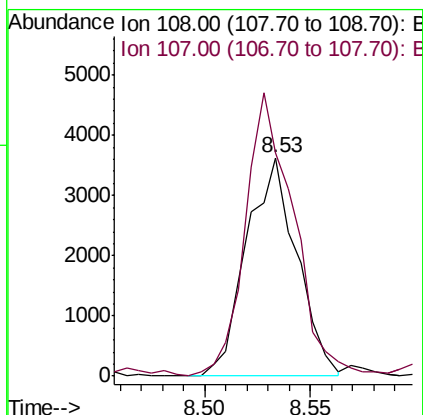
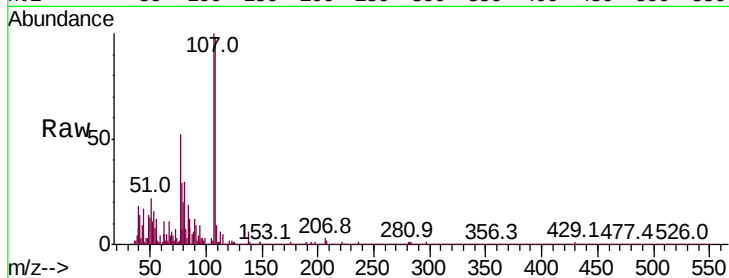




#16
4-Methylphenol
Concen: 1.750 ng/ul
RT: 8.53 min Scan# 909
Delta R.T. -0.00 min
Lab File: BP004767.D
Acq: 17 Feb 2021 11:49

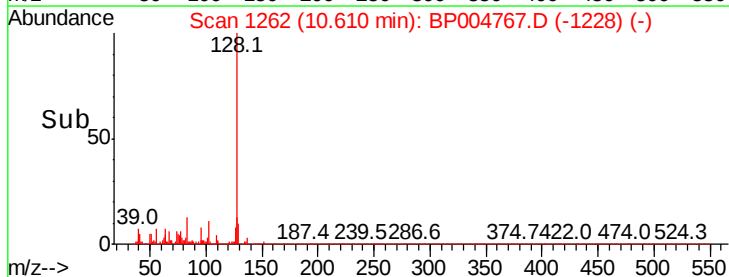
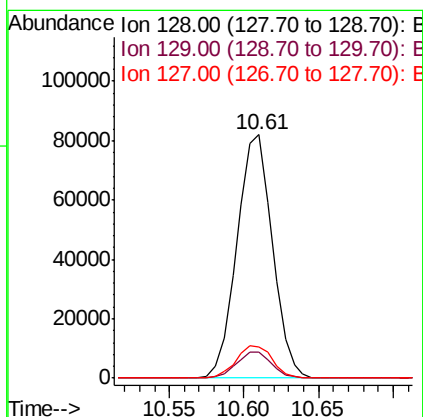
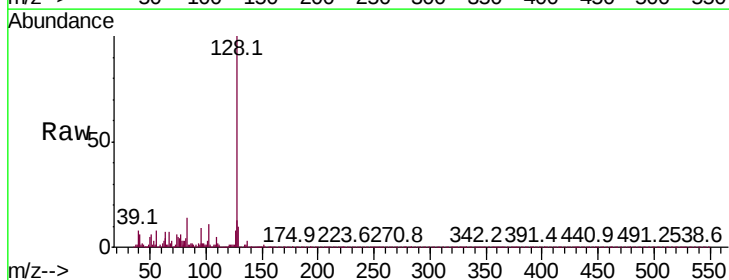
Instrument :
BNA_P
ClientSampled :
DBGQ5

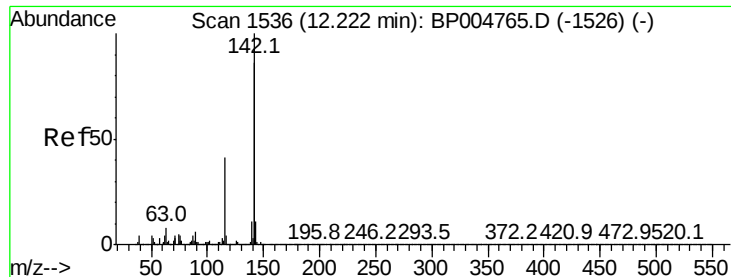
Tot Ion:108 Resp: 6012
Ion Ratio Lower Upper
108 100
107 102.1 92.0 138.0



#28
Naphthalene
Concen: 14.574 ng/ul
RT: 10.61 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BP004767.D
Acq: 17 Feb 2021 11:49

Tgt Ion:128 Resp: 135291
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.9 11.7 17.5





#34

2-Methylnaphthalene

Concen: 1.090 ng/ul

RT: 12.23 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BP004767.D

Acq: 17 Feb 2021 11:49

Instrument :

BNA_P

ClientSampled :

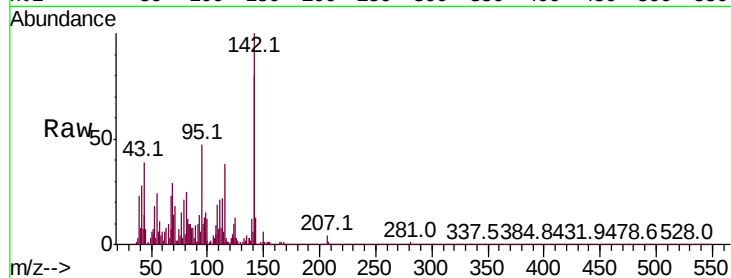
DBGQ5

Tot Ion:142 Resp: 7294

Ion Ratio Lower Upper

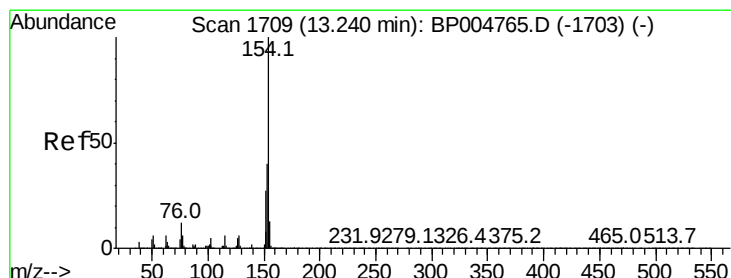
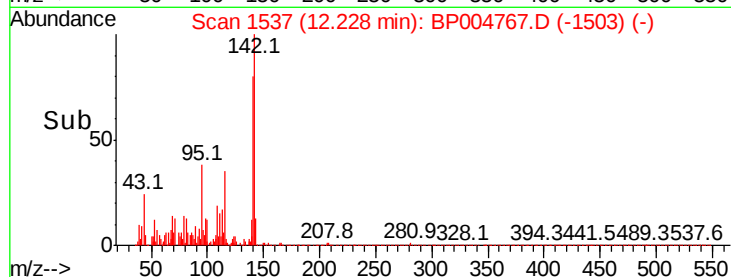
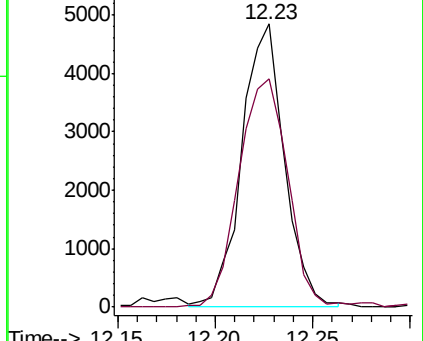
142 100

141 80.5 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#41

1,1'-Biphenyl

Concen: 2725.786 ng/ul

RT: 13.29 min Scan# 1717

Delta R.T. 0.04 min

Lab File: BP004767.D

Acq: 17 Feb 2021 11:49

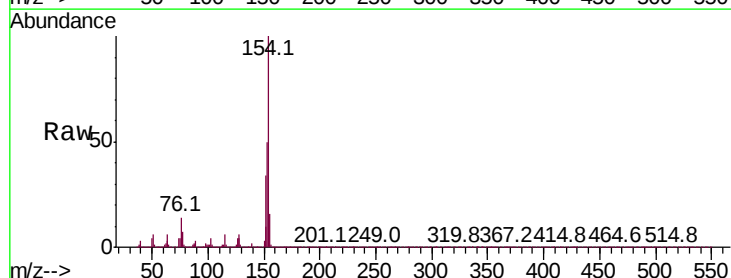
Tgt Ion:154 Resp:19808940

Ion Ratio Lower Upper

154 100

153 49.6 32.3 48.5#

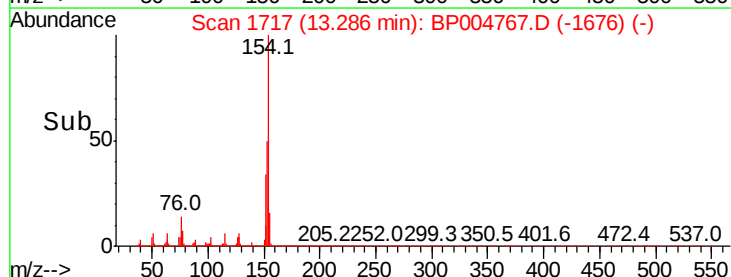
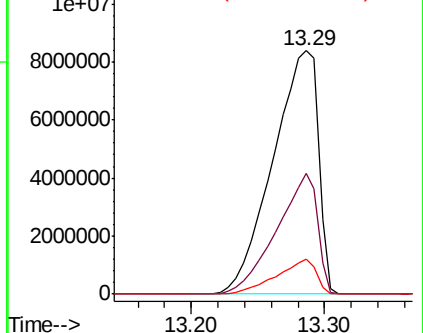
76 14.2 8.8 13.2#

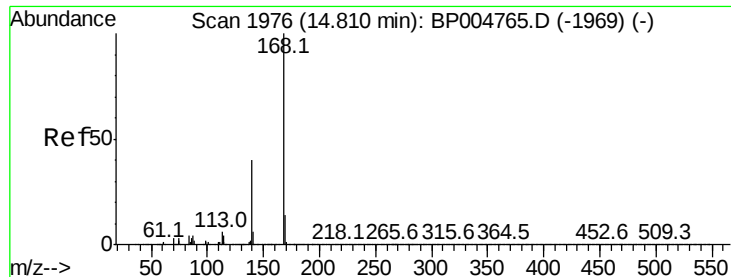


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BPO





#54

Dibenzofuran

Concen: 3.360 ng/ul

RT: 14.82 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BP004767.D

Acq: 17 Feb 2021 11:49

Instrument :

BNA_P

ClientSampleId :

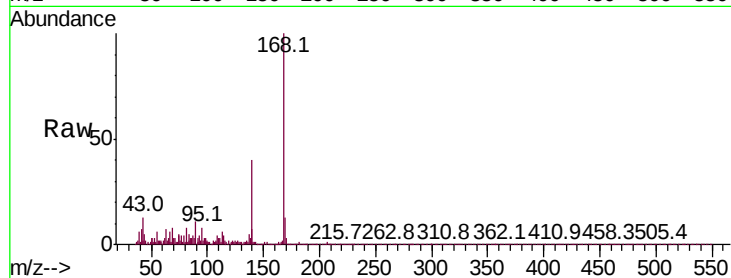
DBGQ5

Tot Ion:168 Resp: 29319

Ion Ratio Lower Upper

168 100

139 39.8 32.5 48.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

