

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
 Data File : BG046898.D
 Acq On : 14 Oct 2020 18:26
 Operator : CG/JU
 Sample : L4360-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7W6

Quant Time: Oct 14 19:05:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 13:03:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	260459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	186825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	455669	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	516515	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	527393	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	8021	5.64	ng/uL	0.00
5) Phenol-d5	7.25	99	33395	5.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	72303	19.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	82123	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	61627	13.18	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	49828	25.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	58956	29.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	120726	25.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	129590	23.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	406667	28.49	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	444313	26.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	13374	5.50	ng/ul	0.00
58) Fluorene-d10	15.71	176	353574	26.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	43850	19.26	ng/ul	0.00
71) Anthracene-d10	17.56	188	574980	27.50	ng/ul	0.00
79) Pyrene-d10	19.85	212	730213	27.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	778797	27.40	ng/ul	0.00

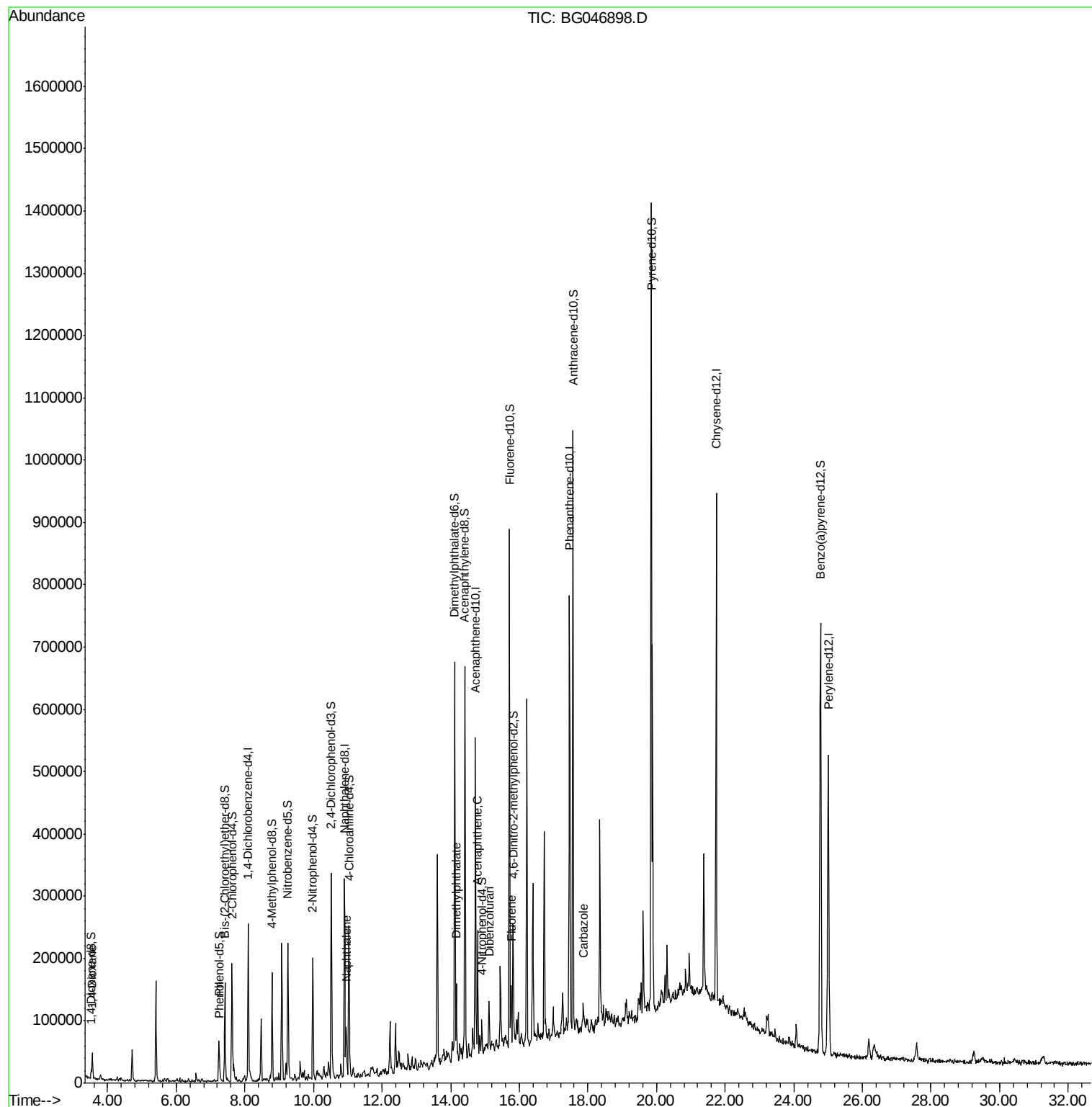
Target Compounds					Ovalue	
2) 1,4-Dioxane	3.56	88	22593	12.386	ng/uL	93
6) Phenol	7.27	94	7197	1.149	ng/ul	97
28) Naphthalene	10.96	128	61735	4.281	ng/ul	99
45) Dimethylphthalate	14.17	163	81666	5.653	ng/ul#	96
50) Acenaphthene	14.78	153	78824	6.632	ng/ul	96
54) Dibenzofuran	15.12	168	45778	2.622	ng/ul	94
59) Fluorene	15.76	166	40786	2.876	ng/ul#	91
75) Carbazole	17.86	167	24215	1.204	ng/ul	96

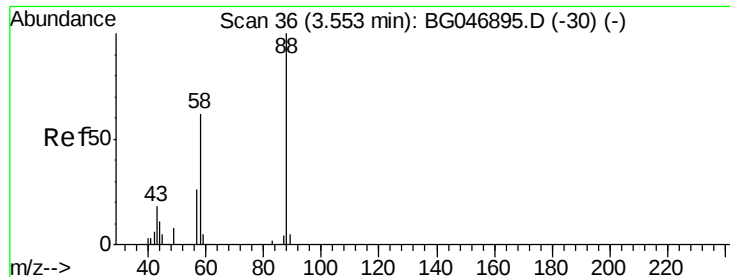
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 12.386 ng/uL

RT: 3.56 min Scan# 37

Delta R.T. 0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

Instrument :

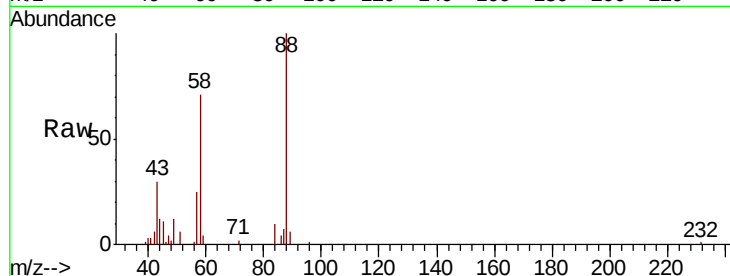
BNA_G

ClientSampleId :

CB7W6

Tot Ion: 88 Resp: 22593

Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.3	33.5
58	70.6	62.2	93.2

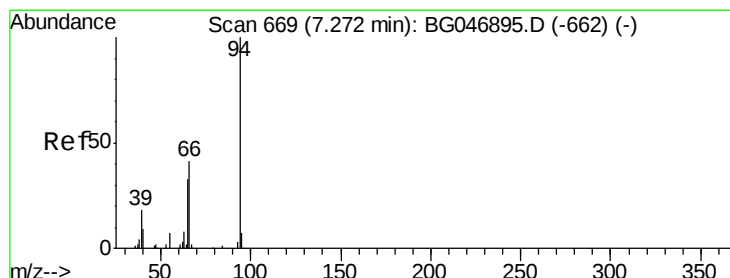
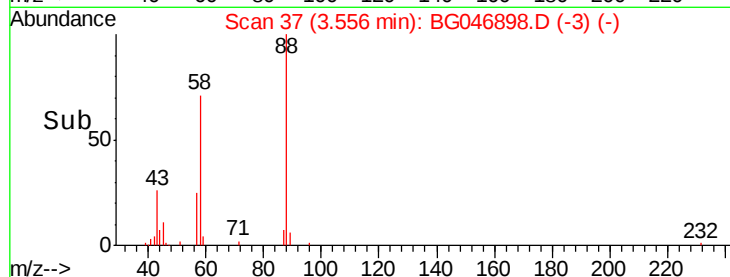
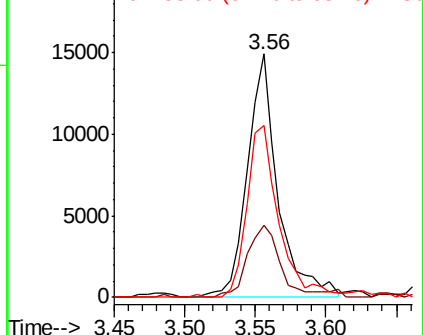


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#6

Phenol

Concen: 1.149 ng/uL

RT: 7.27 min Scan# 669

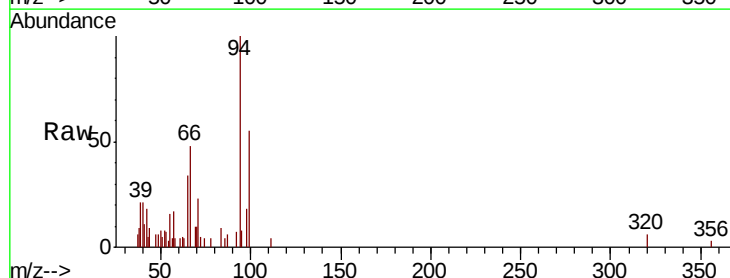
Delta R.T. -0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

Tgt Ion: 94 Resp: 7197

Ion	Ratio	Lower	Upper
94	100		
65	34.4	25.9	38.9
66	47.8	36.6	54.8

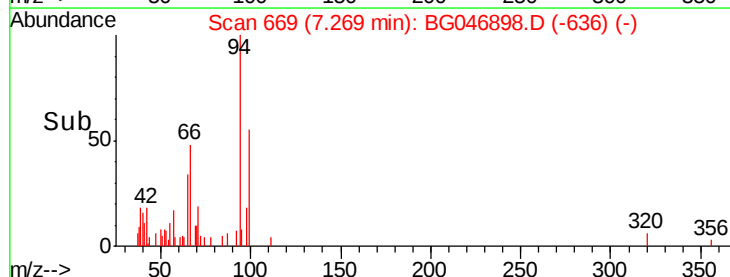
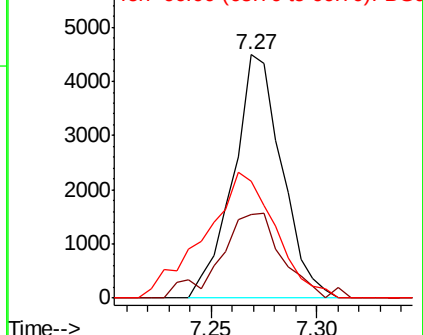


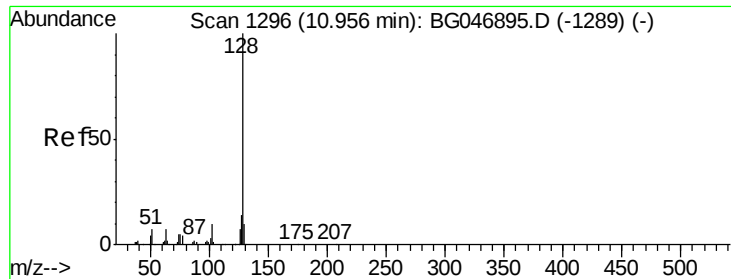
Abundance

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





#28

Naphthalene

Concen: 4.281 ng/ul

RT: 10.96 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

Instrument :

BNA_G

ClientSampleId :

CB7W6

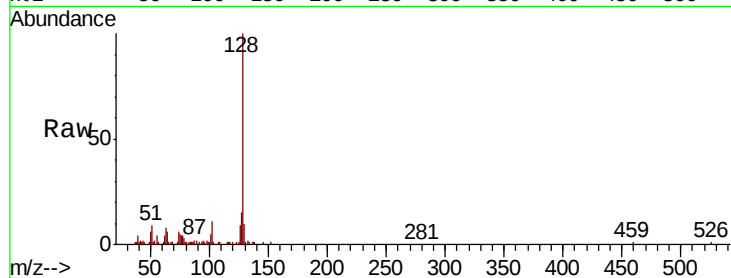
Tot Ion:128 Resp: 61735

Ion Ratio Lower Upper

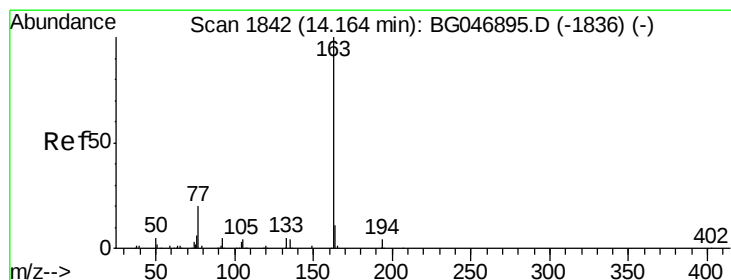
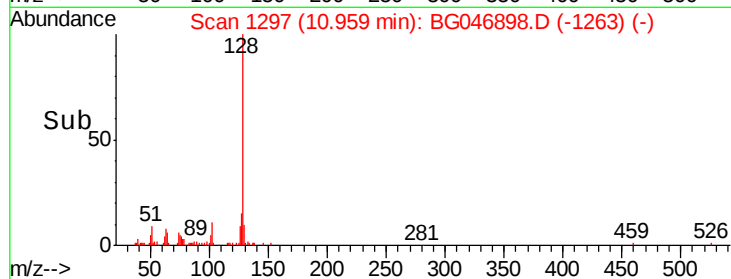
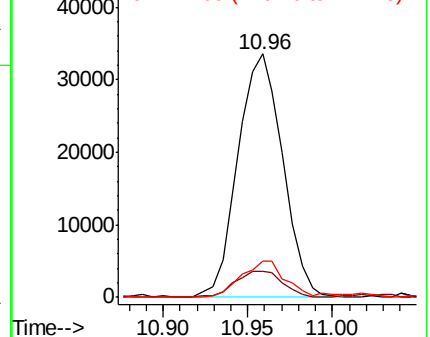
128 100

129 10.5 8.6 12.8

127 15.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 5.653 ng/ul

RT: 14.17 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

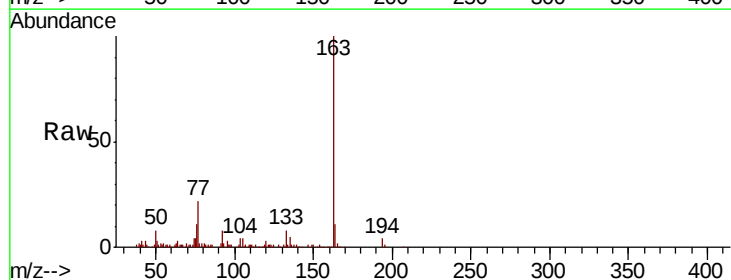
Tgt Ion:163 Resp: 81666

Ion Ratio Lower Upper

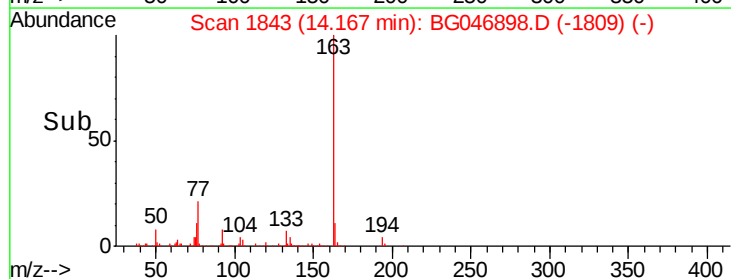
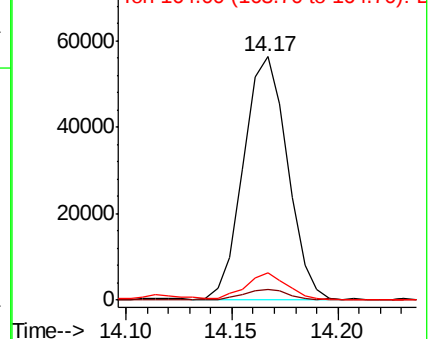
163 100

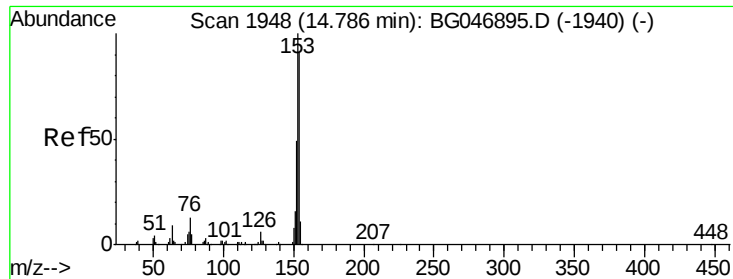
194 4.2 3.6 5.4

164 11.3 7.4 11.0#



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





#50

Acenaphthene

Concen: 6.632 ng/ul

RT: 14.78 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

Instrument :

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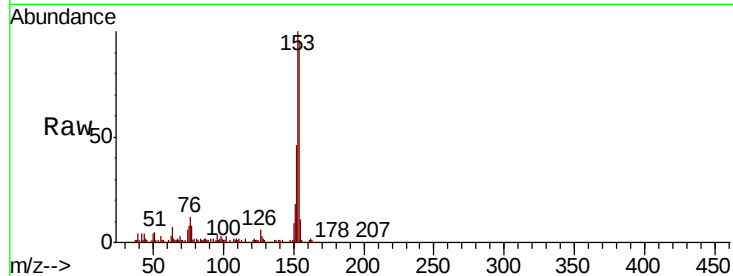
Tot Ion:153 Resp: 78824

Ion Ratio Lower Upper

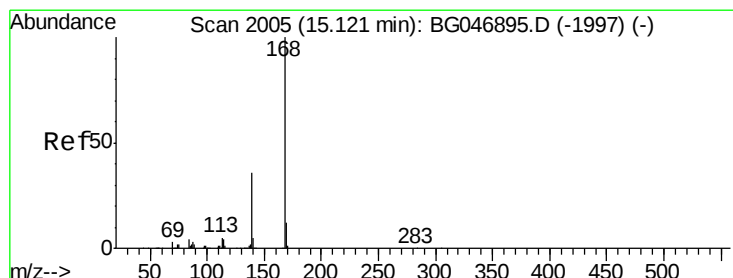
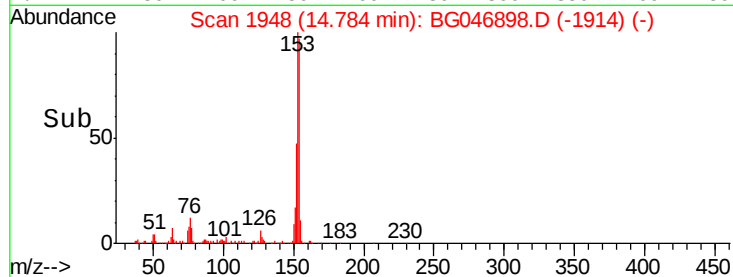
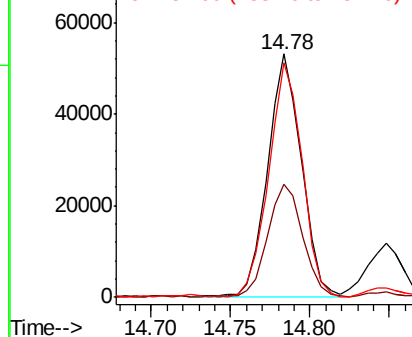
153 100

152 46.2 37.2 55.8

154 96.1 72.9 109.3



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: 2.622 ng/ul

RT: 15.12 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG046898.D

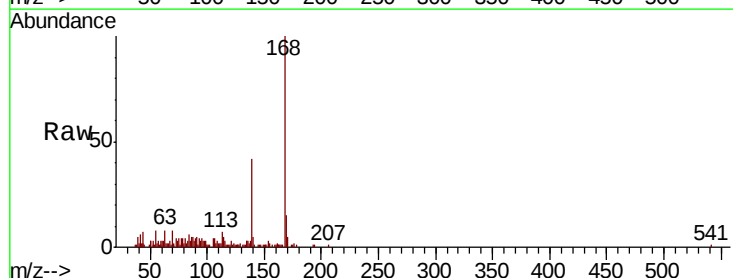
Acq: 14 Oct 2020 18:26

Tgt Ion:168 Resp: 45778

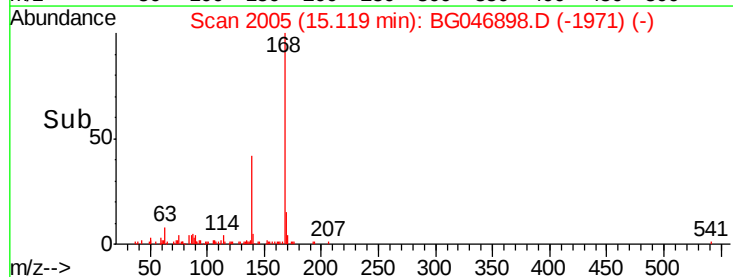
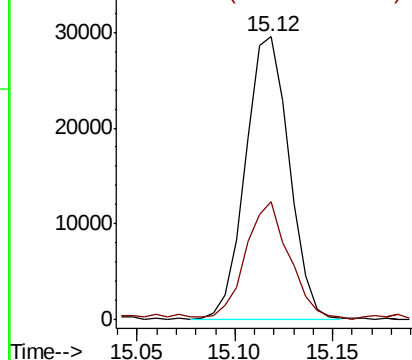
Ion Ratio Lower Upper

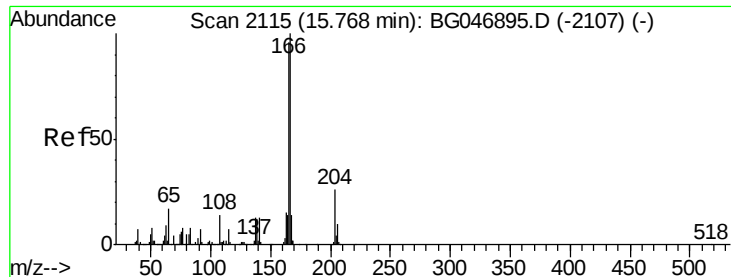
168 100

139 41.8 30.3 45.5



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





#59

Fluorene

Concen: 2.876 ng/ul

RT: 15.76 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

Instrument :

BNA_G

ClientSampleId :

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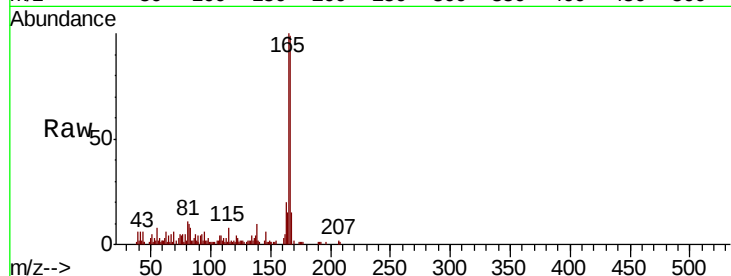
Tot Ion:166 Resp: 40786

Ion Ratio Lower Upper

166 100

165 101.5 74.2 111.2

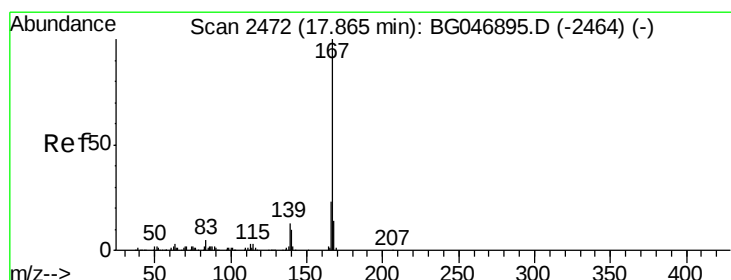
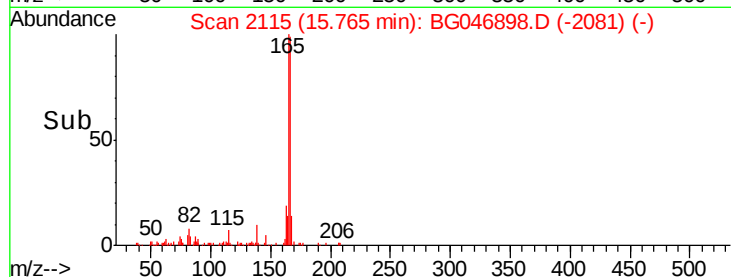
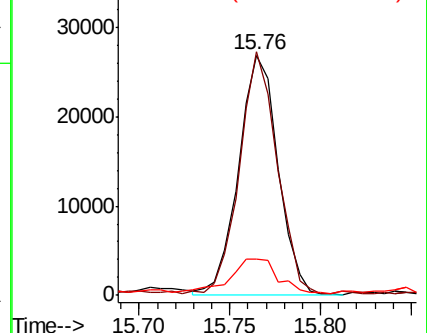
167 15.0 9.8 14.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#75

Carbazole

Concen: 1.204 ng/ul

RT: 17.86 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG046898.D

Acq: 14 Oct 2020 18:26

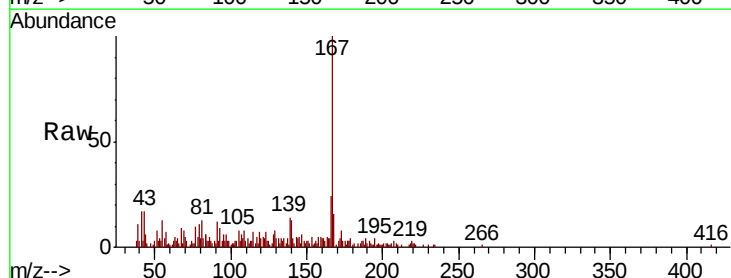
Tgt Ion:167 Resp: 24215

Ion Ratio Lower Upper

167 100

166 23.6 17.5 26.3

139 13.5 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

