

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056878.D
 Acq On : 8 Mar 2023 12:13
 Operator : CG/JU
 Sample : 01784-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAD0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2023
 Supervised By : Jagrut Upadhyay 03/09/2023

Quant Time: Mar 08 13:29:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 23:54:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	13373	20.000	ng/u1	0.00
20) Naphthalene-d8	11.258	136	54461	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.030	164	44403	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.774	188	128229	20.000	ng/u1	0.00
79) Chrysene-d12	22.098	240	128679	20.000	ng/u1	-0.01
88) Perylene-d12	25.647	264	138976	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.714	96	5034	14.598	ng/uL	0.02
4) Pyridine-d5	4.137	84	5665m	5.050	ng/u1	0.00
7) Phenol-d5	7.533	99	7433	5.423	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	21928	25.470	ng/u1	0.00
11) 2-Chlorophenol-d4	7.938	132	17906	20.874	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	12823	12.399	ng/u1	0.00
21) Nitrobenzene-d5	9.595	128	12602	27.899	ng/u1	0.00
24) 2-Nitrophenol-d4	10.318	143	14942	27.962	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	24342	23.517	ng/u1	0.00
31) 4-Chloroaniline-d4	11.381	131	28152	20.641	ng/u1	0.00
46) Dimethylphthalate-d6	14.419	166	119592	31.488	ng/u1	0.00
49) Acenaphthylene-d8	14.730	160	116997	28.055	ng/u1	0.00
54) 4-Nitrophenol-d4	15.188	143	4441	6.900	ng/u1	-0.01
60) Fluorene-d10	16.017	176	104754	29.743	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	25897	27.945	ng/u1	0.00
73) Anthracene-d10	17.874	188	202484	32.672	ng/u1	0.00
81) Pyrene-d10	20.136	212	264771	33.781	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.406	264	253518	33.315	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.311	128	198070	65.840	ng/u1	99
36) 2-Methylnaphthalene	12.885	142	18981	8.771	ng/u1	96
37) 1-Methylnaphthalene	13.103	142	16282	7.530	ng/u1	98
52) Acenaphthene	15.094	153	22028	7.473	ng/u1	98
56) Dibenzofuran	15.423	168	15438	3.426	ng/u1	97
61) Fluorene	16.076	166	8451	2.355	ng/u1	93
77) Carbazole	18.167	167	54598	9.152	ng/u1	97

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

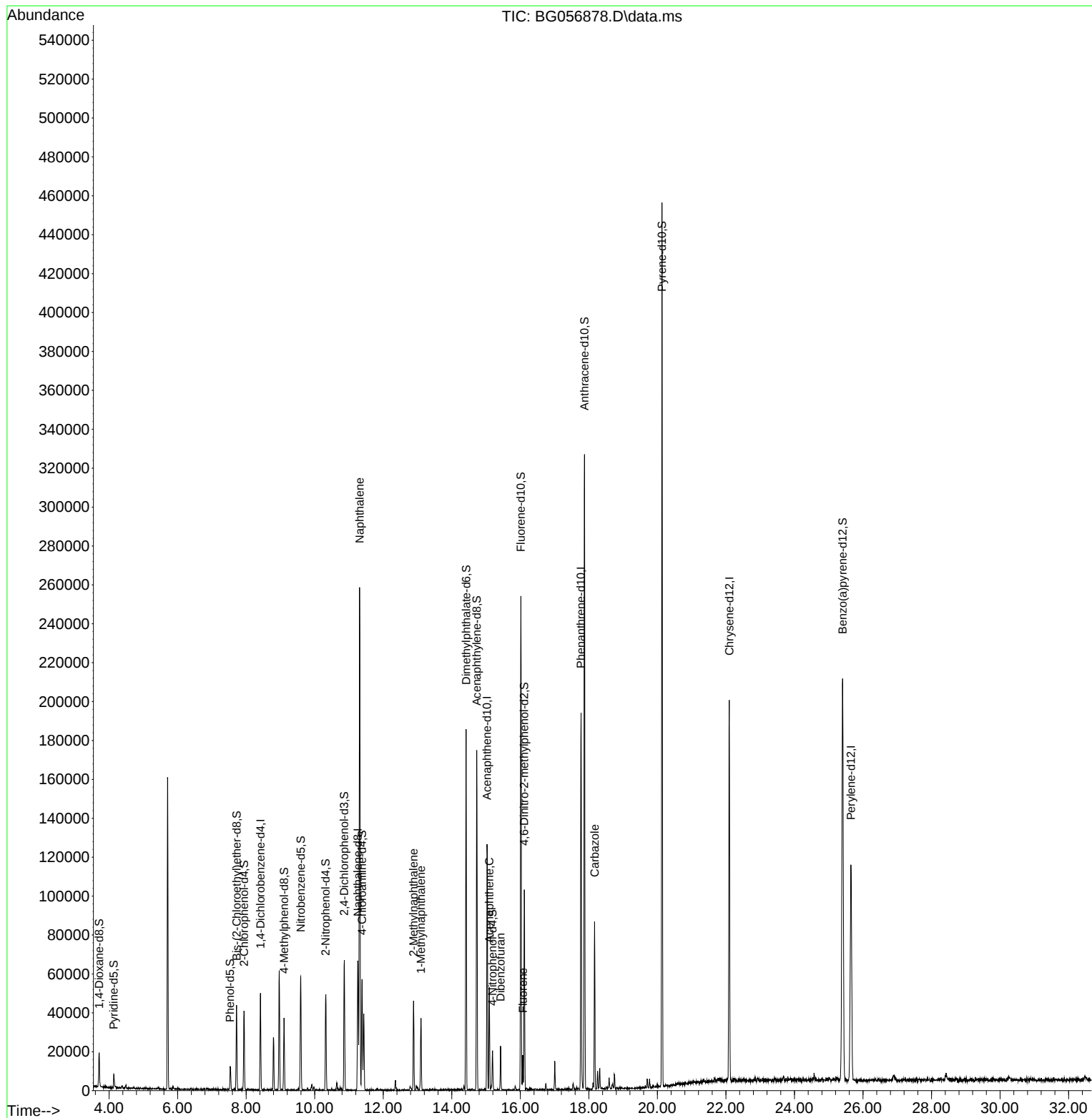
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056878.D
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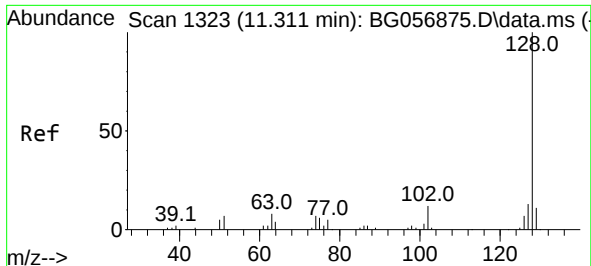
Instrument :
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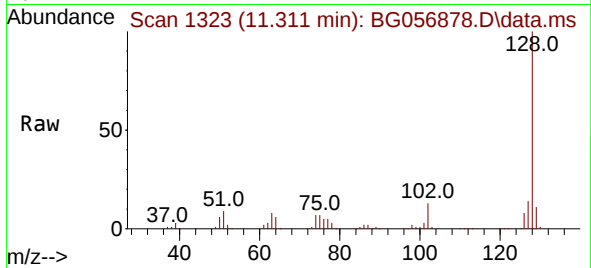
Reviewed By : Christian Giraldo 03/09/2023
Supervised By : Jagrut Upadhyay 03/09/2023





#30
Naphthalene
Concen: 65.840 ng/ul
RT: 11.311 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

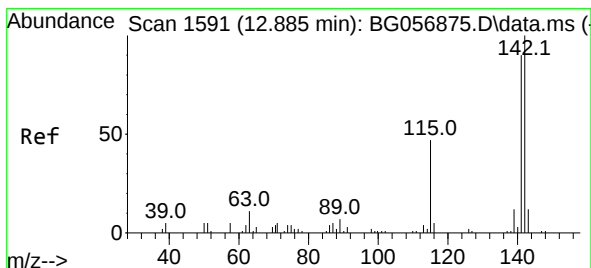
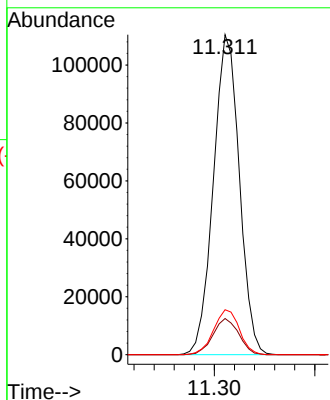
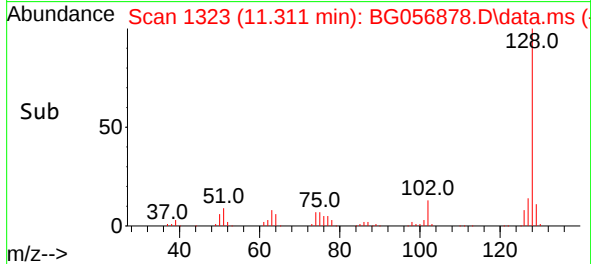
Instrument :
BNA_G
ClientSampleId :
DCAD0



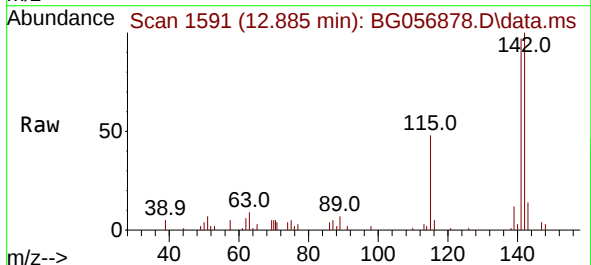
Tgt Ion:128 Resp: 198070
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.0 11.8 17.6

Manual Integrations
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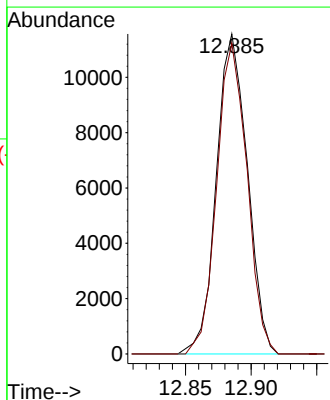
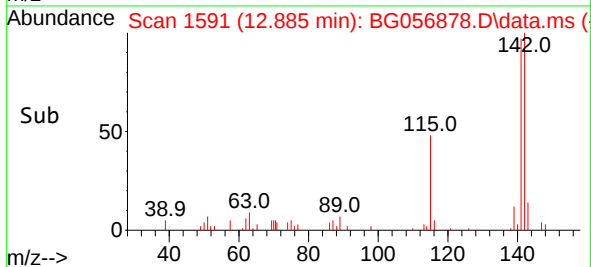
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

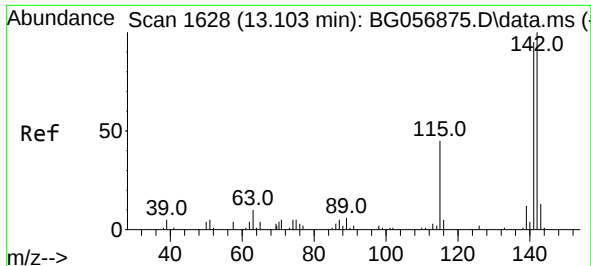


#36
2-Methylnaphthalene
Concen: 8.771 ng/ul
RT: 12.885 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13



Tgt Ion:142 Resp: 18981
Ion Ratio Lower Upper
142 100
141 97.1 74.6 111.8





#37

1-Methylnaphthalene

Concen: 7.530 ng/ul

RT: 13.103 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG056878.D

Acq: 8 Mar 2023 12:13

Instrument :

BNA_G

ClientSampleId :

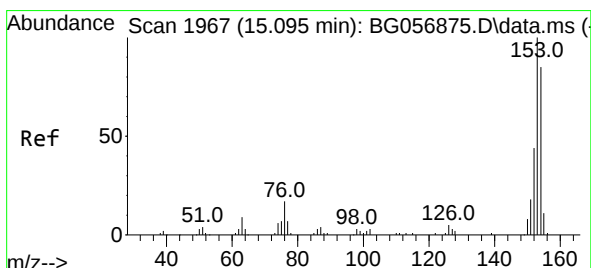
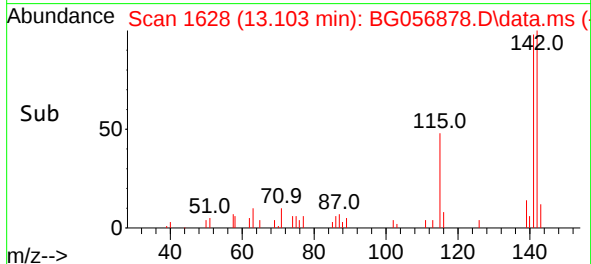
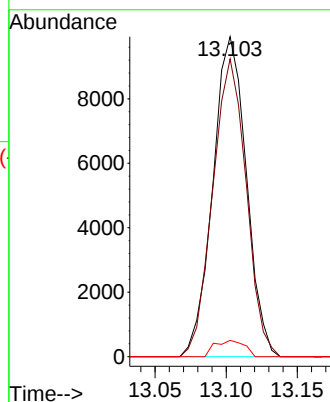
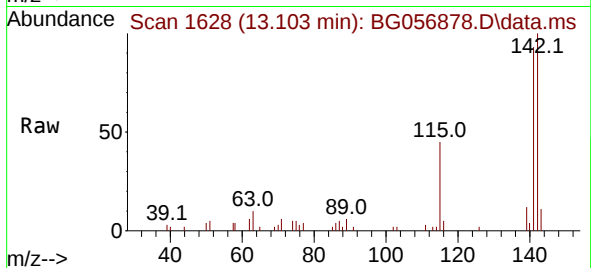
DCAD0

Tgt Ion:	142	Resp:	1628
Ion Ratio	Lower	Upper	
142	100		
141	93.1	73.0	109.4
116	5.1	4.6	7.0

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#52

Acenaphthene

Concen: 7.473 ng/ul

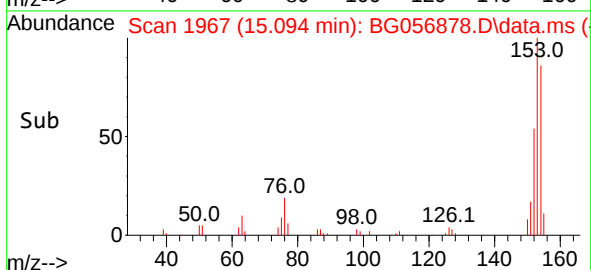
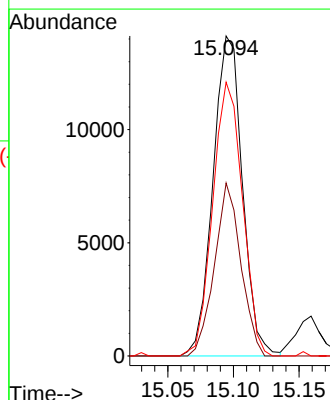
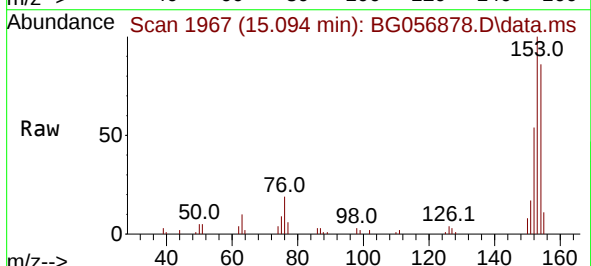
RT: 15.094 min Scan# 1967

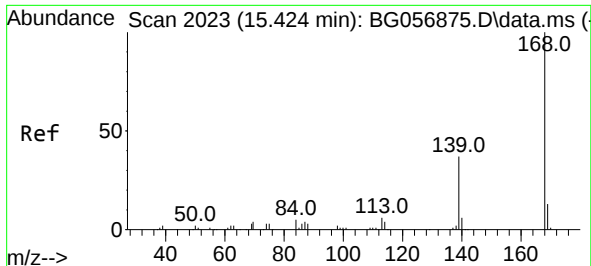
Delta R.T. -0.006 min

Lab File: BG056878.D

Acq: 8 Mar 2023 12:13

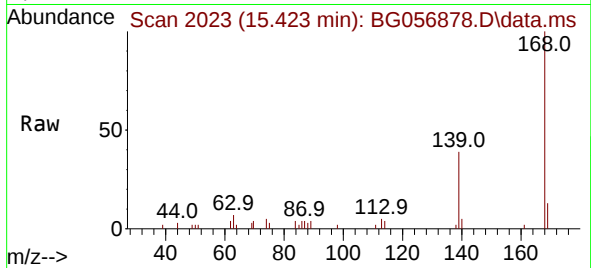
Tgt Ion:	153	Resp:	22028
Ion Ratio	Lower	Upper	
153	100		
152	54.1	40.5	60.7
154	85.6	67.8	101.8





#56
Dibenzofuran
Concen: 3.426 ng/ul
RT: 15.423 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13

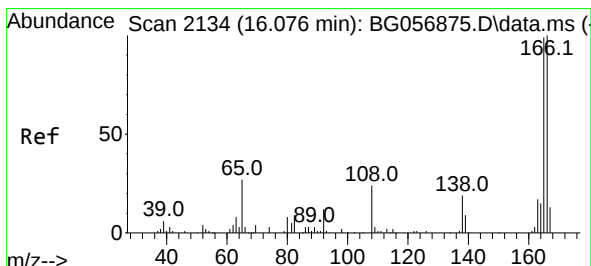
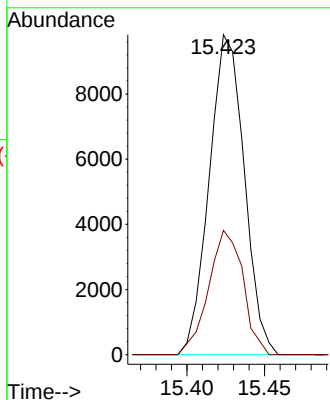
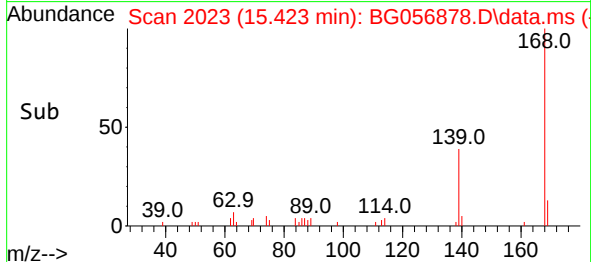
Instrument :
BNA_G
ClientSampleId :
DCAD0



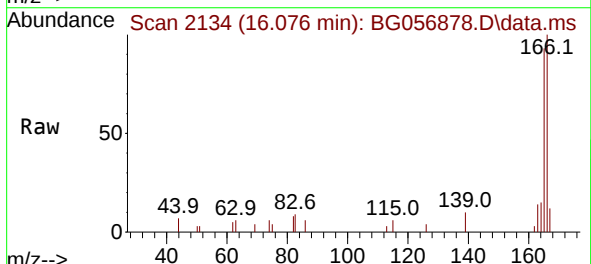
Tgt Ion:168 Resp: 15438
Ion Ratio Lower Upper
168 100
139 38.8 29.5 44.3

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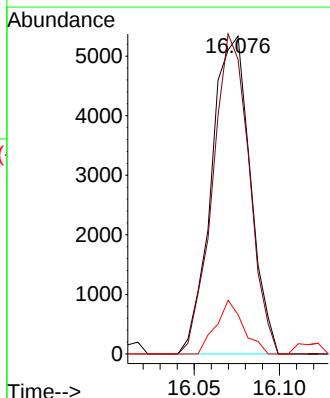
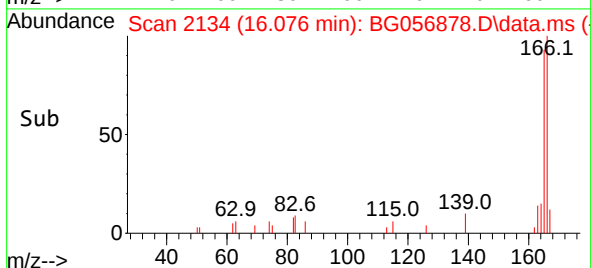
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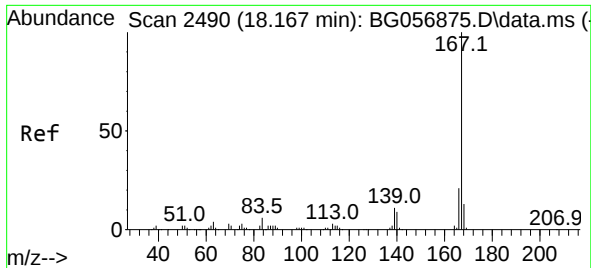


#61
Fluorene
Concen: 2.355 ng/ul
RT: 16.076 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BG056878.D
Acq: 8 Mar 2023 12:13



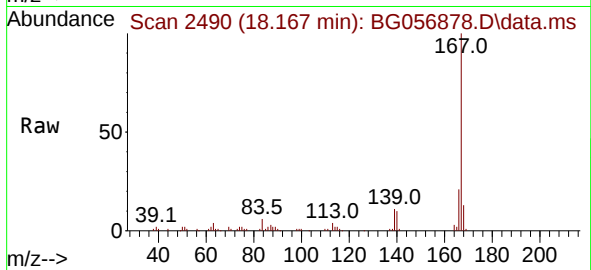
Tgt Ion:166 Resp: 8451
Ion Ratio Lower Upper
166 100
165 92.7 80.5 120.7
167 12.4 11.3 16.9





#77
 Carbazole
 Concen: 9.152 ng/ul
 RT: 18.167 min Scan# 2490
 Delta R.T. -0.006 min
 Lab File: BG056878.D
 Acq: 8 Mar 2023 12:13

Instrument :
 BNA_G
 ClientSampleId :
 DCAD0



Tgt Ion:167 Resp: 54598
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 11.4 10.2 15.2

Manual Integrations
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