

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062118.D
 Acq On : 17 Jul 2024 18:30
 Operator : MA/JU
 Sample : P3217-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZC4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 01:25:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	22173	20.000	ng/u1	0.00
20) Naphthalene-d8	10.853	136	110582	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.678	164	86187	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.427	188	185231	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.687	240	158857	20.000	ng/u1	# 0.00
88) Perylene-d12	24.907	264	191148	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	1838	3.115	ng/uL	0.00
4) Pyridine-d5	3.861	84	15631	8.616	ng/u1	0.00
7) Phenol-d5	7.222	99	16869	6.952	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	33191	21.600	ng/u1	0.00
11) 2-Chlorophenol-d4	7.580	132	45203	27.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.767	113	32529	17.026	ng/u1	0.00
21) Nitrobenzene-d5	9.213	128	24257	28.843	ng/u1	0.00
24) 2-Nitrophenol-d4	9.936	143	29119	30.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	57640	31.115	ng/u1	0.00
31) 4-Chloroaniline-d4	10.994	131	39468m	14.675	ng/u1	0.00
46) Dimethylphthalate-d6	14.078	166	193662	27.331	ng/u1	0.00
49) Acenaphthylene-d8	14.372	160	201949	27.257	ng/u1	0.00
54) 4-Nitrophenol-d4	14.936	143	8879m	7.847	ng/u1	0.03
60) Fluorene-d10	15.671	176	169000	28.332	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	31954	32.847	ng/u1	0.00
73) Anthracene-d10	17.521	188	266003	30.758	ng/u1	0.00
81) Pyrene-d10	19.807	212	301137	32.229	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.689	264	293597	30.970	ng/u1	0.00
Target Compounds						
26) 2,4-Dimethylphenol	10.030	107	43403	18.516	ng/u1	Qvalue 99
30) Naphthalene	10.906	128	43693	7.193	ng/u1#	93
36) 2-Methylnaphthalene	12.510	142	219002	49.766	ng/u1	94
37) 1-Methylnaphthalene	12.739	142	1066172	233.136	ng/u1#	94
52) Acenaphthene	14.742	153	9065m	1.614	ng/u1	
61) Fluorene	15.723	166	8328	1.234	ng/u1#	96

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

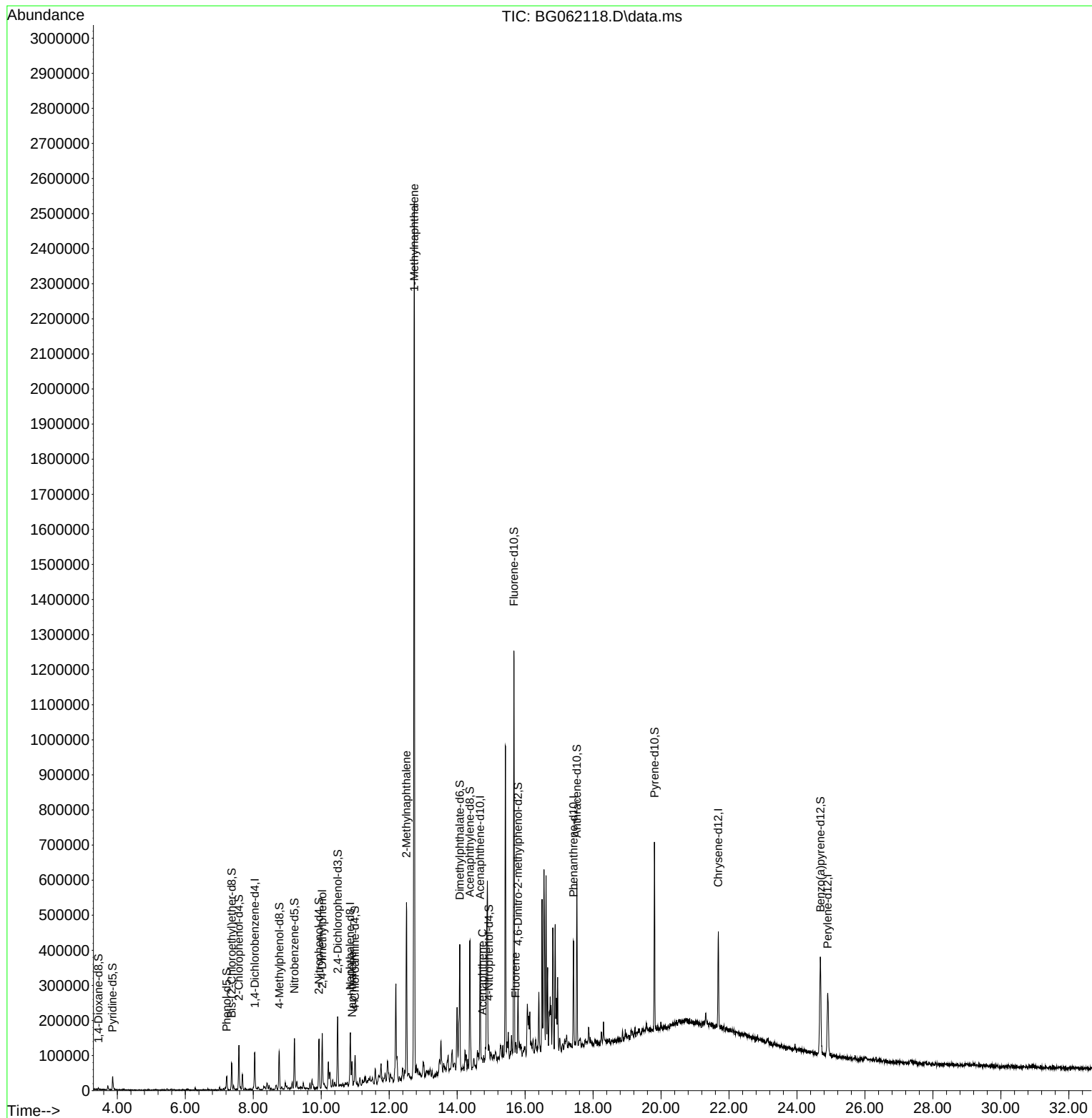
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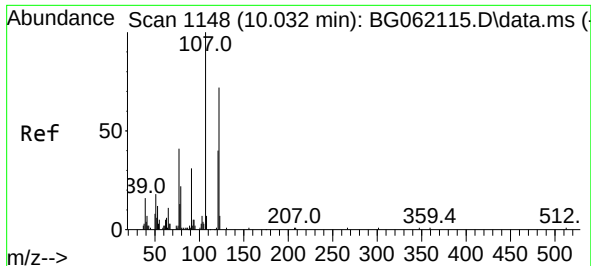
Instrument :
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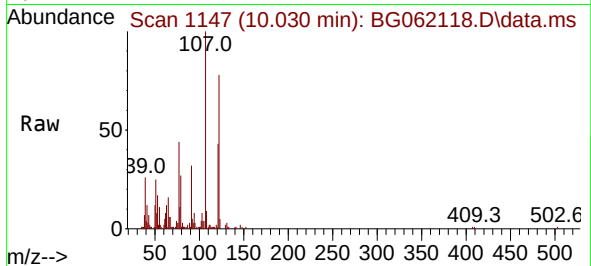
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#26
2,4-Dimethylphenol
Concen: 18.516 ng/ul
RT: 10.030 min Scan# 1147
Delta R.T. -0.003 min
Lab File: BG062118.D
Acq: 17 Jul 2024 18:30

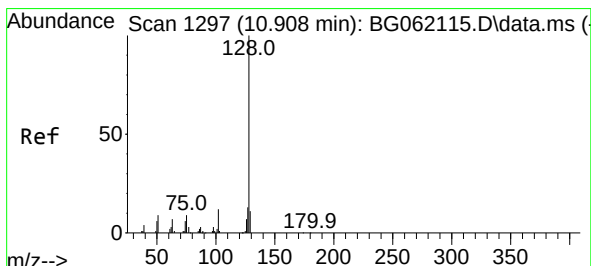
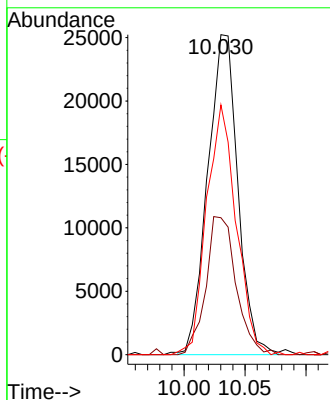
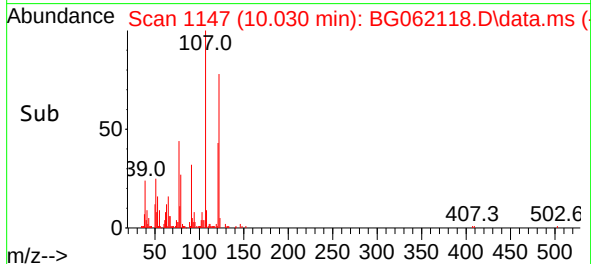
Instrument :
BNA_G
ClientSampleId :
YDZC4



Tgt Ion:107 Resp: 4340
Ion Ratio Lower Upper
107 100
121 42.8 35.6 53.4
122 78.0 62.2 93.2

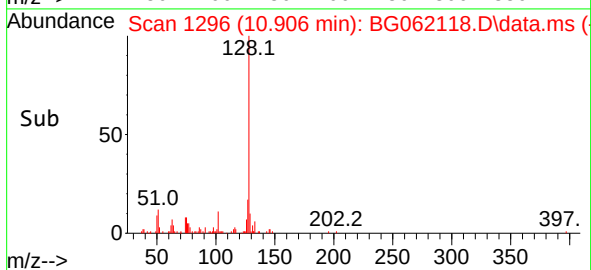
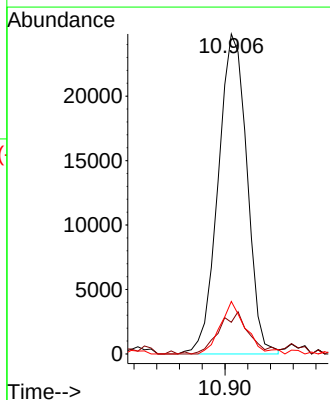
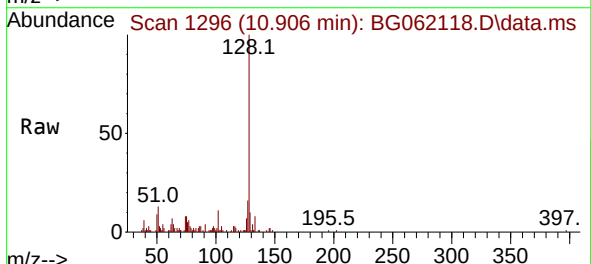
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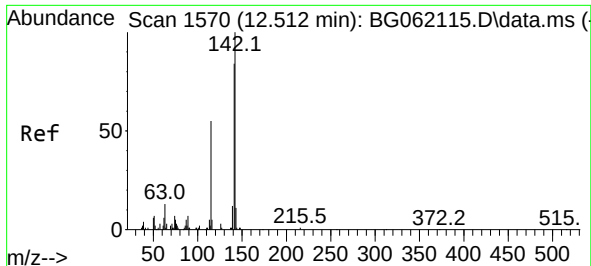
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#30
Naphthalene
Concen: 7.193 ng/ul
RT: 10.906 min Scan# 1296
Delta R.T. -0.009 min
Lab File: BG062118.D
Acq: 17 Jul 2024 18:30

Tgt Ion:128 Resp: 43693
Ion Ratio Lower Upper
128 100
129 9.9 7.7 11.5
127 16.4 9.6 14.4#





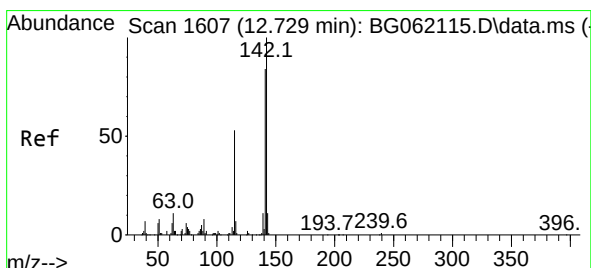
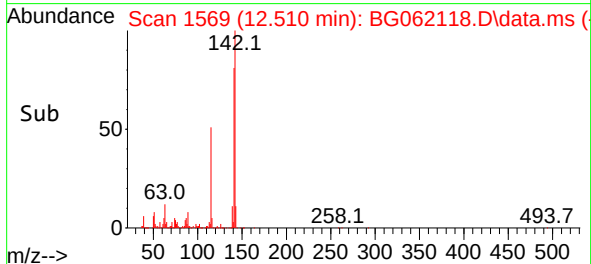
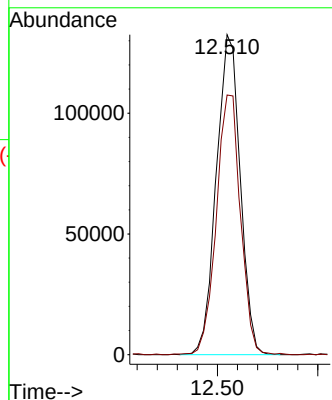
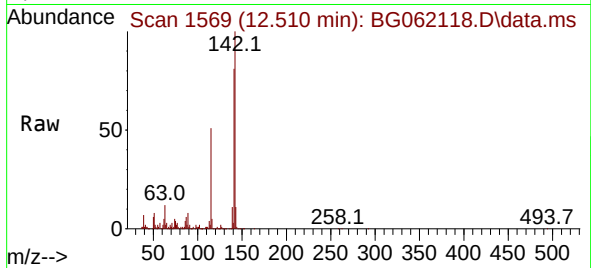
#36
2-Methylnaphthalene
Concen: 49.766 ng/ul
RT: 12.510 min Scan# 1570
Delta R.T. -0.003 min
Lab File: BG062118.D
Acq: 17 Jul 2024 18:30

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:142 Resp: 21900
Ion Ratio Lower Upper
142 100
141 81.2 69.4 104.2

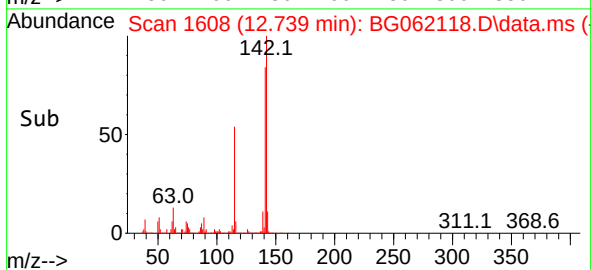
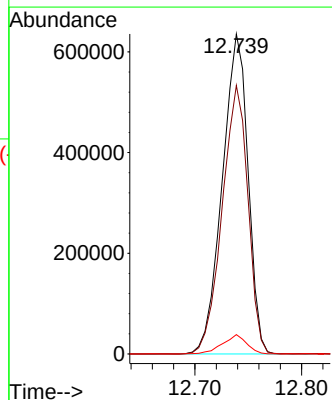
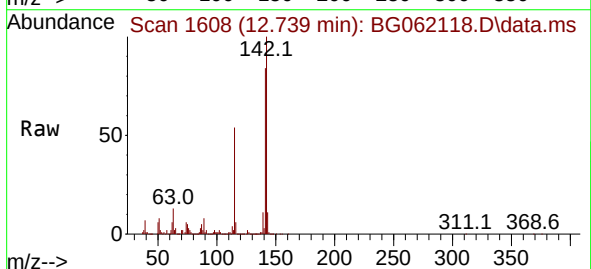
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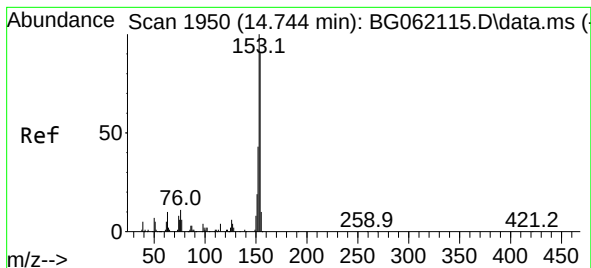
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#37
1-Methylnaphthalene
Concen: 233.136 ng/ul
RT: 12.739 min Scan# 1608
Delta R.T. 0.003 min
Lab File: BG062118.D
Acq: 17 Jul 2024 18:30

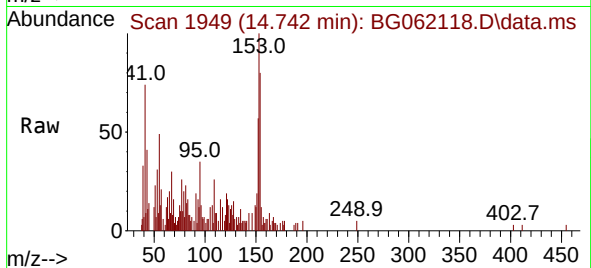
Tgt Ion:142 Resp: 1066172
Ion Ratio Lower Upper
142 100
141 83.9 71.4 107.2
116 6.0 3.8 5.8#





#52
Acenaphthene
Concen: 1.614 ng/ul m
RT: 14.742 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG062118.D
Acq: 17 Jul 2024 18:30

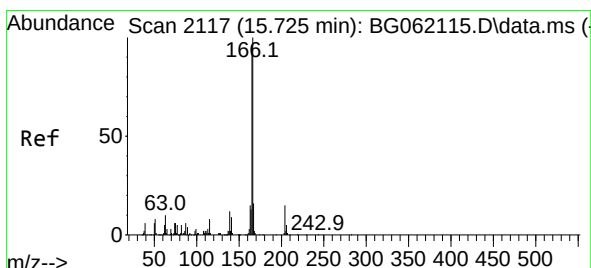
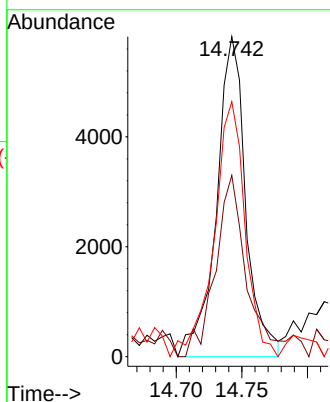
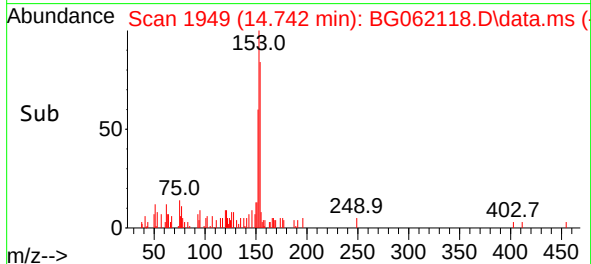
Instrument :
BNA_G
ClientSampleId :
YDZC4



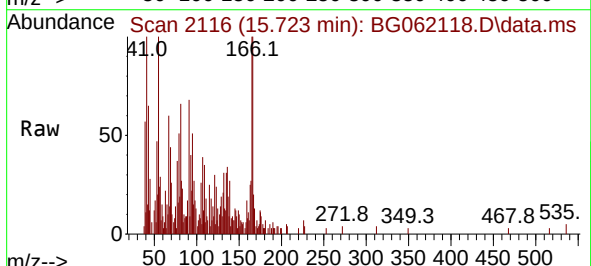
Tgt Ion:153 Resp: 906
Ion Ratio Lower Upper
153 100
152 56.7 37.2 55.8
154 79.7 75.0 112.6

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Supervised By :mohammad ahmed 07/18/2024



#61
Fluorene
Concen: 1.234 ng/ul
RT: 15.723 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BG062118.D
Acq: 17 Jul 2024 18:30



Tgt Ion:166 Resp: 8328
Ion Ratio Lower Upper
166 100
165 100.1 78.4 117.6
167 19.7 10.4 15.6#

