

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062114.D
 Acq On : 17 Jul 2024 15:44
 Operator : MA/JU
 Sample : P3217-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZC3

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 02:01:04 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	8.046	152	21994	20.000	ng/u1	0.00
20) Naphthalene-d8	10.855	136	107241	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.680	164	74379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.423	188	156061	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.683	240	141398	20.000	ng/u1	# 0.00
88) Perylene-d12	24.909	264	168897	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	2455	4.195	ng/uL	0.00
4) Pyridine-d5	3.863	84	18247m	10.139	ng/u1	0.00
7) Phenol-d5	7.218	99	17565	7.298	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	33649	22.076	ng/u1	0.00
11) 2-Chlorophenol-d4	7.576	132	43453	26.319	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	30809	16.257	ng/u1	0.00
21) Nitrobenzene-d5	9.209	128	25270	30.983	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.938	143	28153	30.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	56380	31.383	ng/u1	0.00
31) 4-Chloroaniline-d4	10.996	131	41223	15.805	ng/u1	0.00
46) Dimethylphthalate-d6	14.080	166	177601	29.044	ng/u1	0.00
49) Acenaphthylene-d8	14.374	160	191542	29.956	ng/u1	0.00
54) 4-Nitrophenol-d4	14.932	143	8888m	9.102	ng/u1	0.03
60) Fluorene-d10	15.667	176	148633	28.873	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	27004	32.948	ng/u1	0.00
73) Anthracene-d10	17.523	188	232996	31.978	ng/u1	0.00
81) Pyrene-d10	19.809	212	265402	31.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.691	264	262850	31.380	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.032	107	44143	19.418	ng/u1	90
30) Naphthalene	10.907	128	44086	7.484	ng/u1#	95
35) 4-Chloro-3-methylphenol	12.153	107	3144	1.399	ng/u1	97
36) 2-Methylnaphthalene	12.511	142	212244	49.733	ng/u1	94
37) 1-Methylnaphthalene	12.741	142	1034047	233.156	ng/u1	96
61) Fluorene	15.719	166	6771	1.163	ng/u1#	94

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

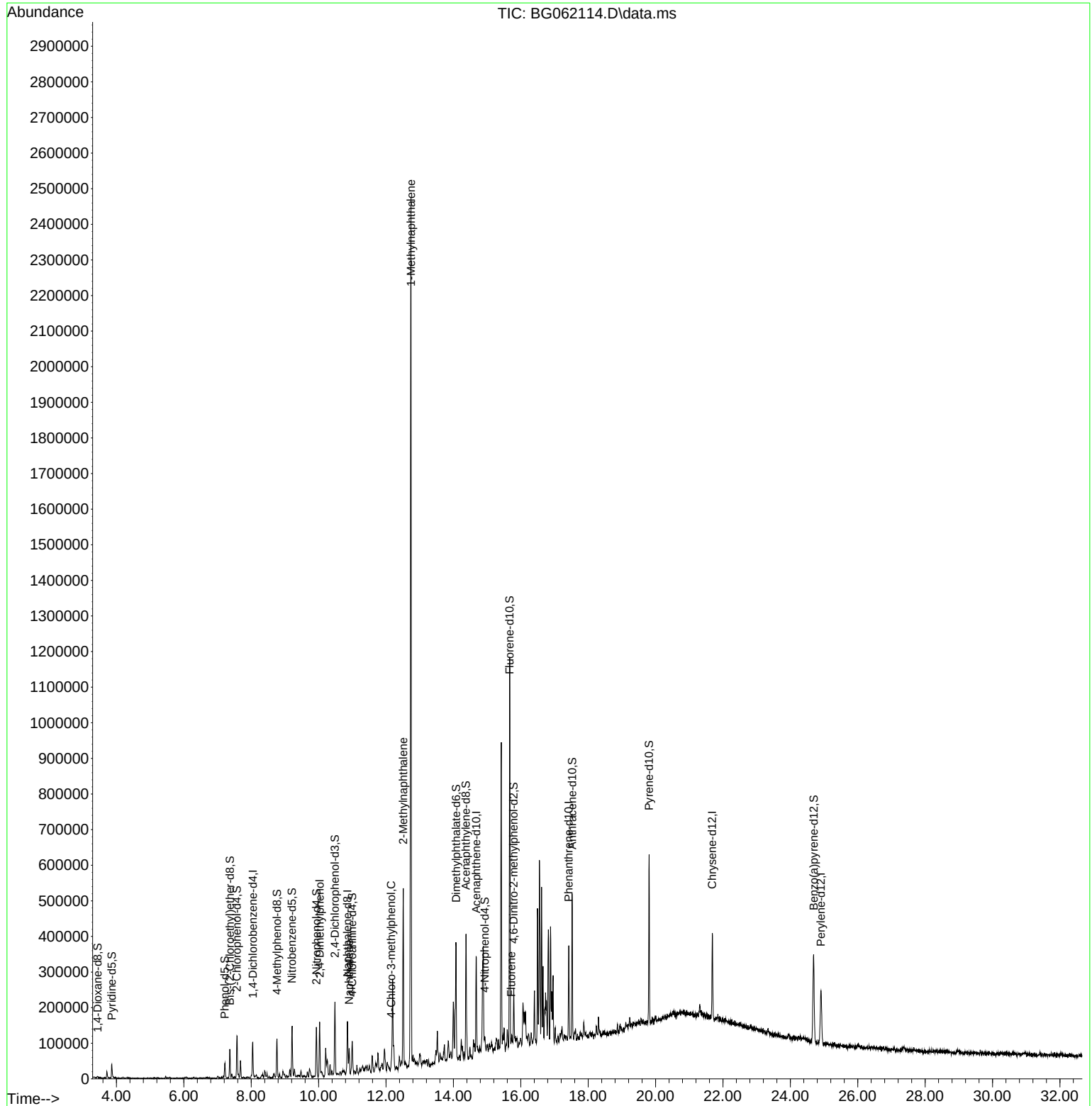
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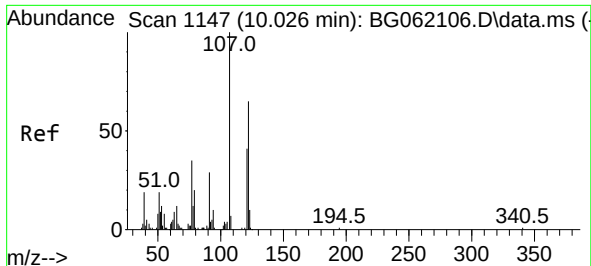
Instrument :
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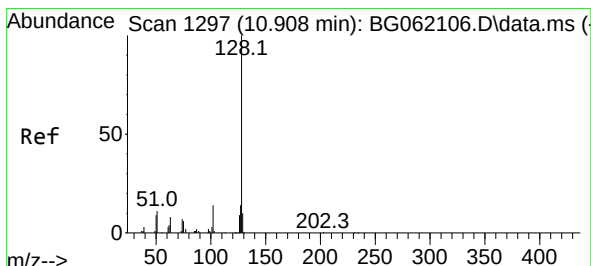
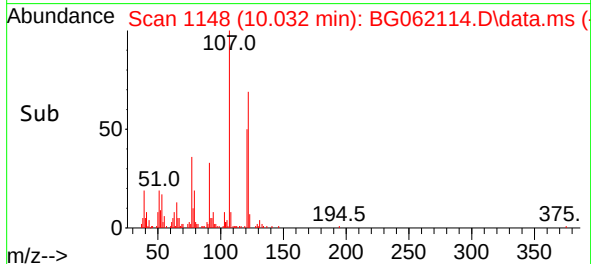
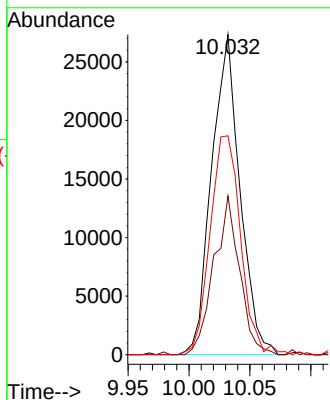
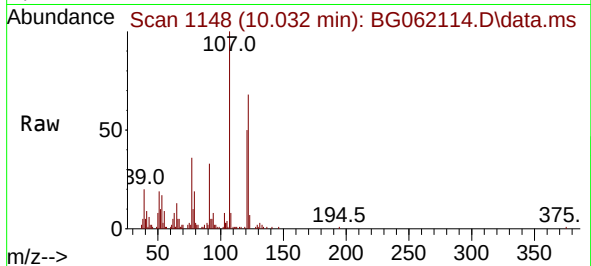
#26
2,4-Dimethylphenol
Concen: 19.418 ng/ul
RT: 10.032 min Scan# 1147
Delta R.T. -0.001 min
Lab File: BG062114.D
Acq: 17 Jul 2024 15:44

Instrument :
BNA_G
ClientSampleId :
YDZC3

Tgt Ion:107 Resp: 4414
Ion Ratio Lower Upper
107 100
121 49.6 35.6 53.4
122 68.4 62.2 93.2

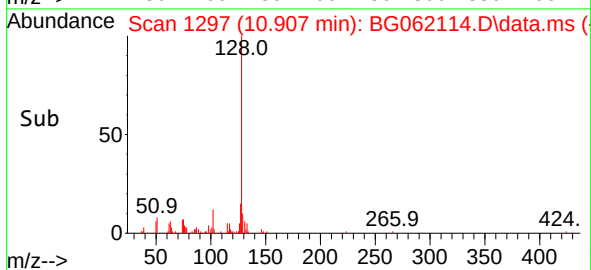
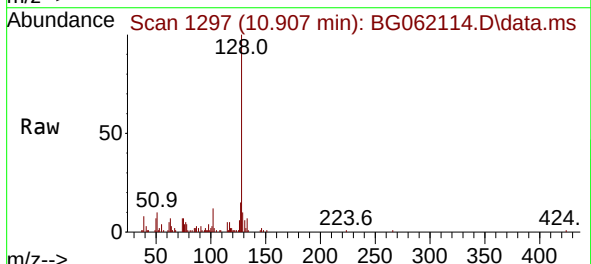
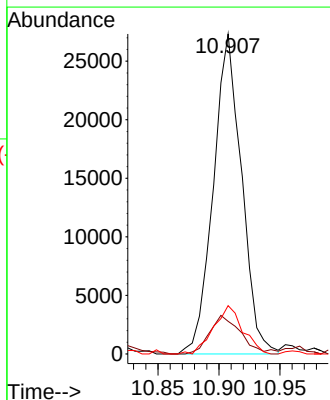
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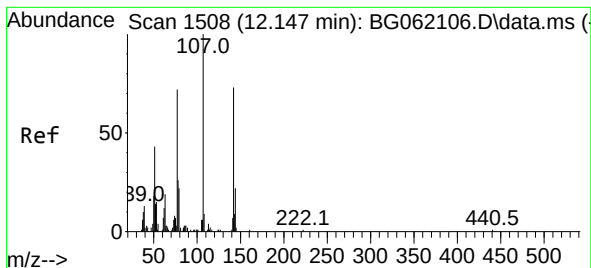
Reviewed By :Yogesh Patel 07/18/2024
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#30
Naphthalene
Concen: 7.484 ng/ul
RT: 10.907 min Scan# 1297
Delta R.T. -0.007 min
Lab File: BG062114.D
Acq: 17 Jul 2024 15:44

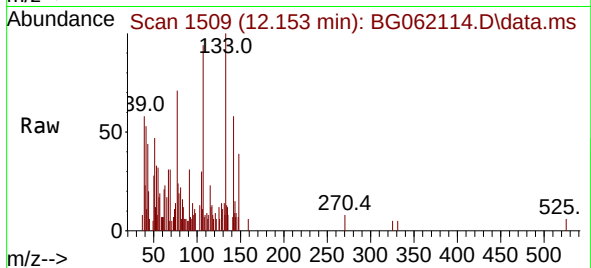
Tgt Ion:128 Resp: 44086
Ion Ratio Lower Upper
128 100
129 10.2 7.7 11.5
127 15.1 9.6 14.4#





#35
4-Chloro-3-methylphenol
Concen: 1.399 ng/ul
RT: 12.153 min Scan# 1509
Delta R.T. -0.001 min
Lab File: BG062114.D
Acq: 17 Jul 2024 15:44

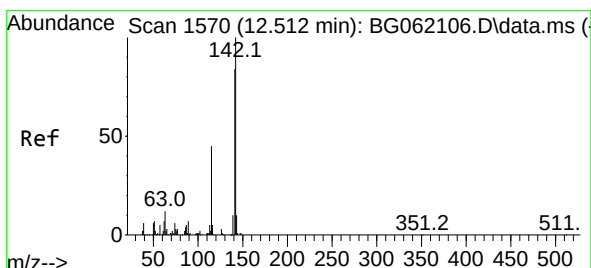
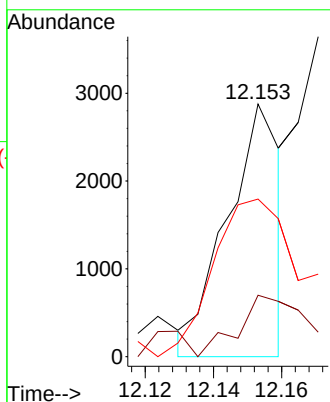
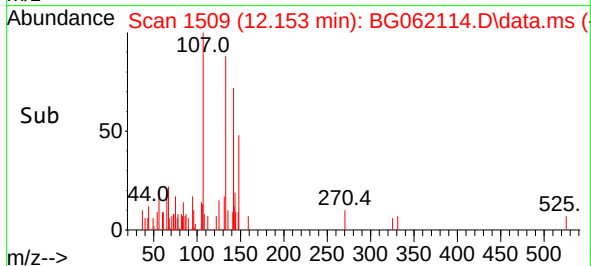
Instrument :
BNA_G
ClientSampleId :
YDZC3



Tgt Ion:107 Resp: 3144
Ion Ratio Lower Upper
107 100
144 24.3 19.6 29.4
142 72.4 60.3 90.5

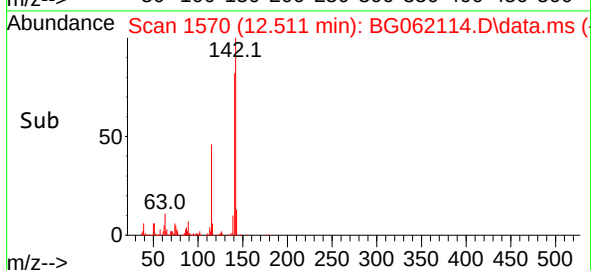
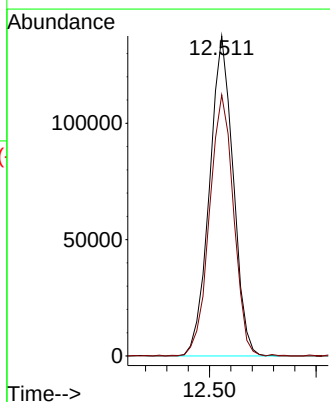
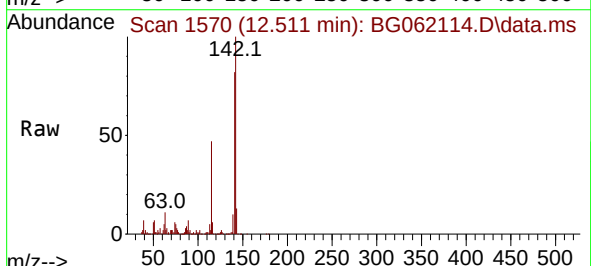
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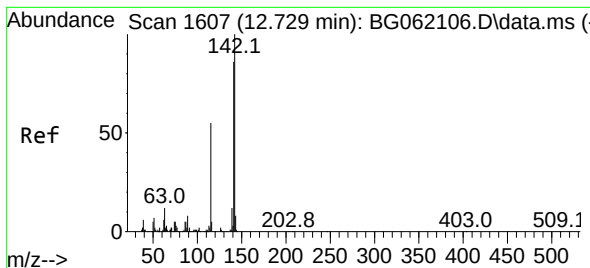
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#36
2-Methylnaphthalene
Concen: 49.733 ng/ul
RT: 12.511 min Scan# 1570
Delta R.T. -0.001 min
Lab File: BG062114.D
Acq: 17 Jul 2024 15:44

Tgt Ion:142 Resp: 212244
Ion Ratio Lower Upper
142 100
141 81.6 69.4 104.2





#37

1-Methylnaphthalene

Concen: 233.156 ng/ul

RT: 12.741 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG062114.D

Acq: 17 Jul 2024 15:44

Instrument :

BNA_G

ClientSampleId :

YDZC3

Tgt Ion:142 Resp: 103404

Ion Ratio Lower Upper

142 100

141 85.7 71.4 107.2

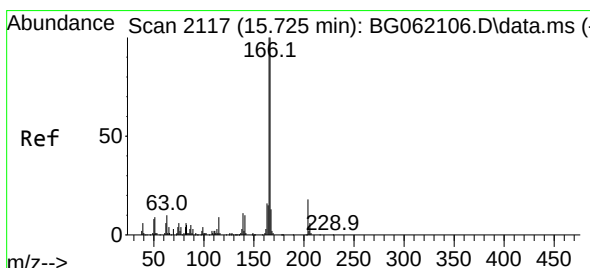
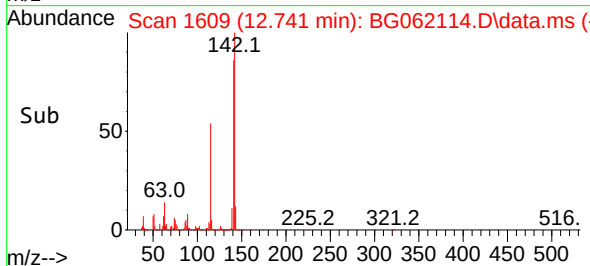
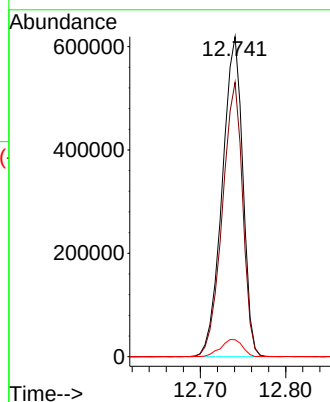
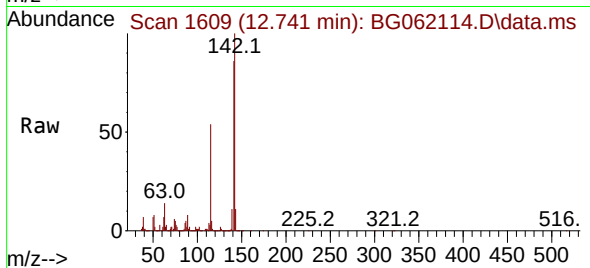
116 5.3 3.8 5.8

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#61

Fluorene

Concen: 1.163 ng/ul

RT: 15.719 min Scan# 2116

Delta R.T. -0.007 min

Lab File: BG062114.D

Acq: 17 Jul 2024 15:44

Tgt Ion:166 Resp: 6771

Ion Ratio Lower Upper

166 100

165 102.9 78.4 117.6

167 20.0 10.4 15.6#

