

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062199.D
 Acq On : 24 Jul 2024 00:03
 Operator : MA/JU
 Sample : P3244-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 01:00:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	47265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	188969	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.696	164	155082	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.446	188	375805	20.000	ng/u1	0.00
79) Chrysene-d12	21.705	240	353392	20.000	ng/u1	0.00
88) Perylene-d12	24.941	264	385886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	2826	2.792	ng/uL	0.00
4) Pyridine-d5	3.888	84	35489	9.648	ng/u1	0.01
7) Phenol-d5	7.254	99	17877m	3.842	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.389	67	41154	15.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.606	132	30663	10.456	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	32814	9.260	ng/u1	0.01
21) Nitrobenzene-d5	9.239	128	27509	18.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	21219	11.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.514	165	49549	13.062	ng/u1	0.00
31) 4-Chloroaniline-d4	11.025	131	38892	8.523	ng/u1	0.00
46) Dimethylphthalate-d6	14.097	166	243900	18.555	ng/u1	0.00
49) Acenaphthylene-d8	14.397	160	251834	18.894	ng/u1	0.00
54) 4-Nitrophenol-d4	14.984	143	11717m	7.397	ng/u1	0.06
60) Fluorene-d10	15.689	176	213197	19.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.818	200	5159	2.160	ng/u1	0.00
73) Anthracene-d10	17.540	188	347506m	19.795	ng/u1	0.00
81) Pyrene-d10	19.825	212	416470	20.785	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.718	264	389740	20.204	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.494	88	8660m	6.526	ng/uL	Qvalue
13) 2-Methylphenol	8.534	108	41362	12.024	ng/u1	85
26) 2,4-Dimethylphenol	10.103	107	197001m	42.838	ng/u1	
30) Naphthalene	10.937	128	319929	31.384	ng/u1	99
35) 4-Chloro-3-methylphenol	12.188	107	33176	7.677	ng/u1	88
36) 2-Methylnaphthalene	12.541	142	1515382	196.911	ng/u1	90
37) 1-Methylnaphthalene	12.758	142	1100056	138.631	ng/u1	100
43) 1,1'-Biphenyl	13.533	154	20975	1.911	ng/u1	98
52) Acenaphthene	14.761	153	14757	1.530	ng/u1	90
72) Phenanthrene	17.481	178	25448	1.407	ng/u1	93

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

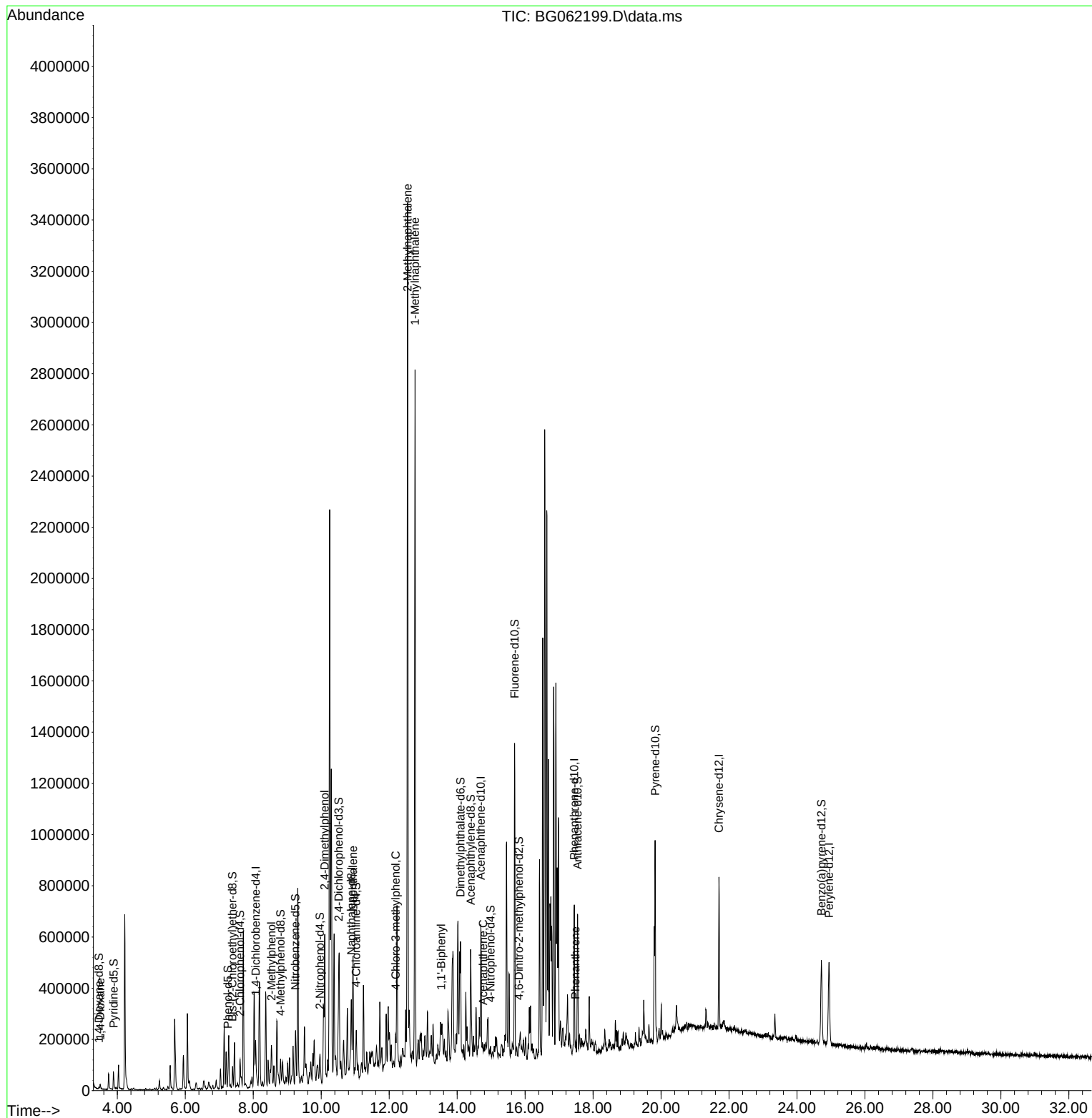
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062199.D
Acq On : 24 Jul 2024 00:03
Operator : MA/JU
Sample : P3244-04
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ALS Vial : 19 Sample Multiplier: 1

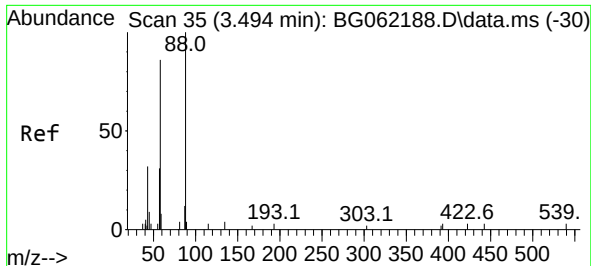
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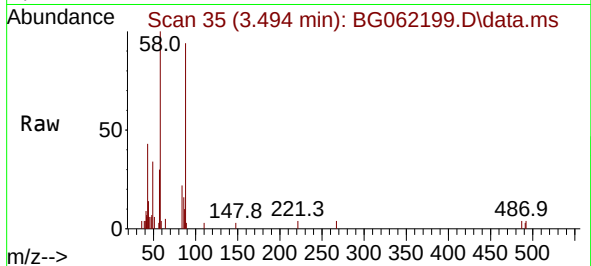
Quant Time: Jul 24 01:00:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 6.526 ng/uL m
RT: 3.494 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03

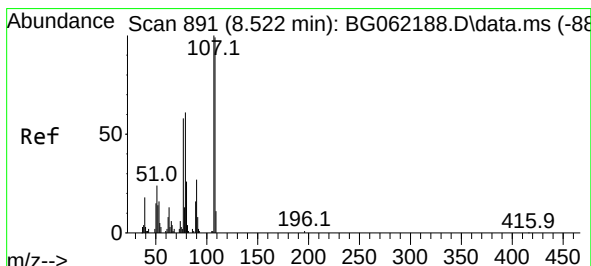
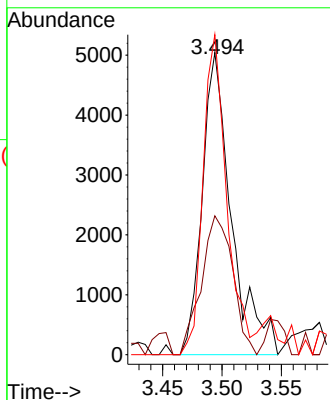
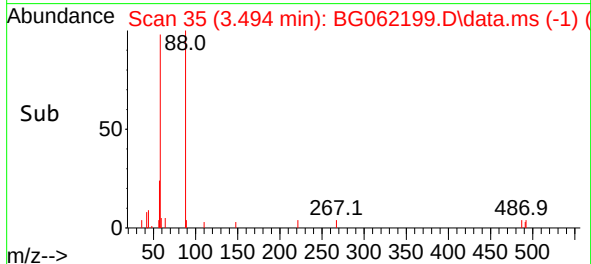
Instrument :
BNA_G
ClientSampleId :
YDZD5



Tgt Ion: 88 Resp: 866
Ion Ratio Lower Upper
88 100
43 46.0 25.0 37.4
58 105.9 75.4 113.2

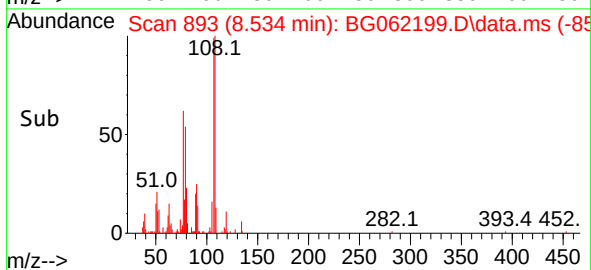
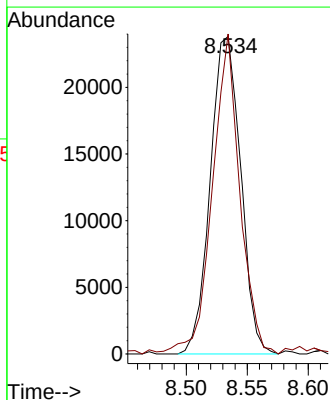
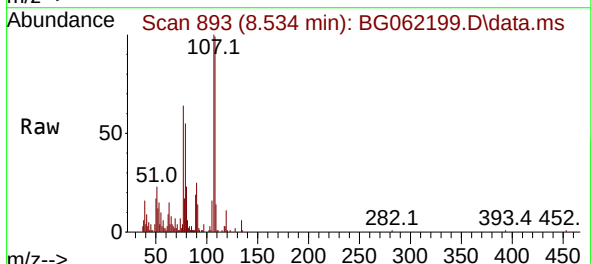
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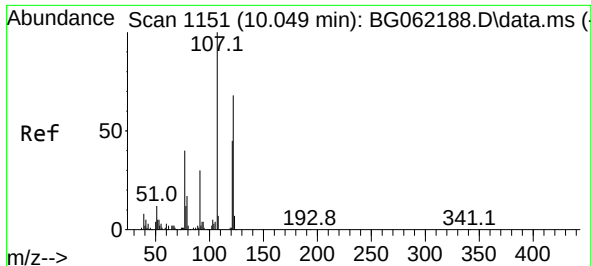
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#13
2-Methylphenol
Concen: 12.024 ng/uL
RT: 8.534 min Scan# 893
Delta R.T. 0.012 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03

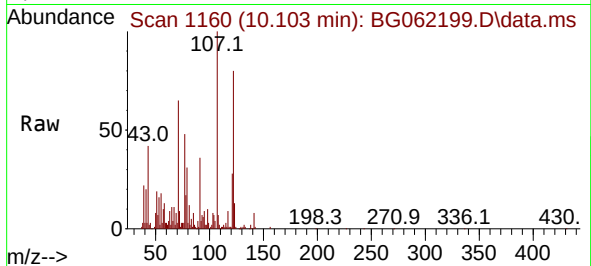
Tgt Ion:108 Resp: 41362
Ion Ratio Lower Upper
108 100
107 100.7 69.4 104.2





#26
2,4-Dimethylphenol
Concen: 42.838 ng/ul m
RT: 10.103 min Scan# 1151
Delta R.T. 0.053 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03

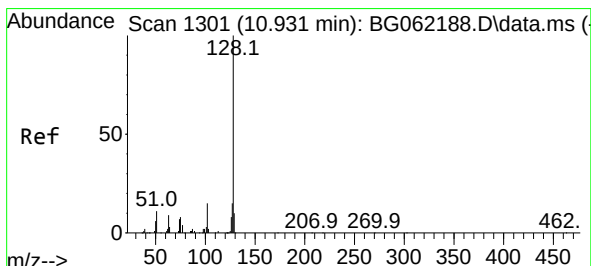
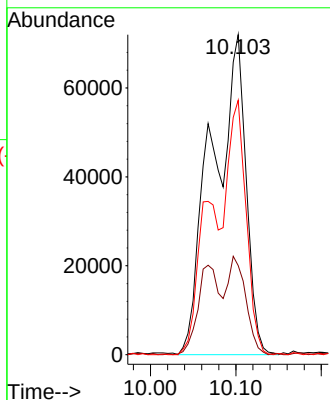
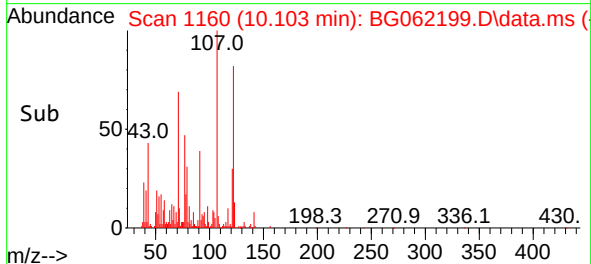
Instrument :
BNA_G
ClientSampleId :
YDZD5



Tgt Ion:107 Resp: 19700
Ion Ratio Lower Upper
107 100
121 27.8 30.6 45.8
122 79.5 57.8 86.8

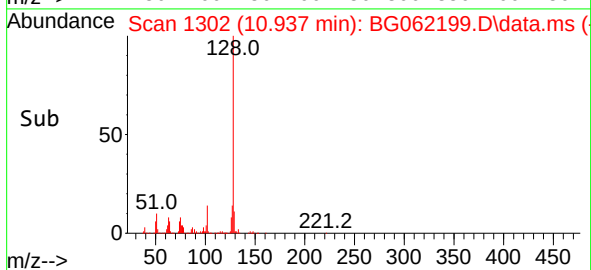
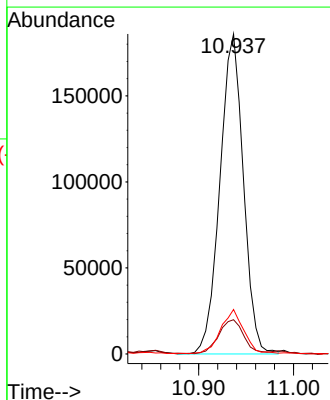
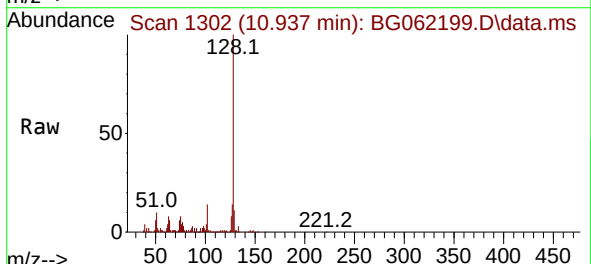
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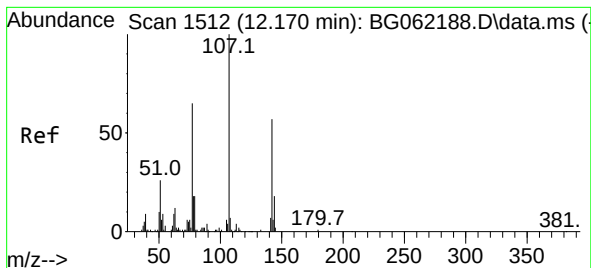
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#30
Naphthalene
Concen: 31.384 ng/ul
RT: 10.937 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03

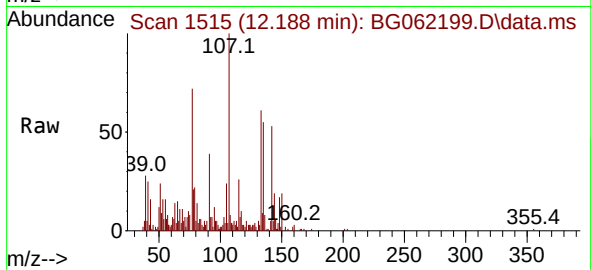
Tgt Ion:128 Resp: 319929
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.9 10.6 15.8





#35
4-Chloro-3-methylphenol
Concen: 7.677 ng/ul
RT: 12.188 min Scan# 1512
Delta R.T. 0.018 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03

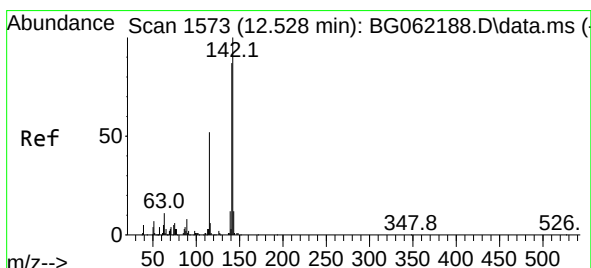
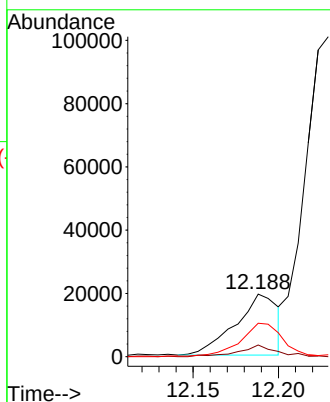
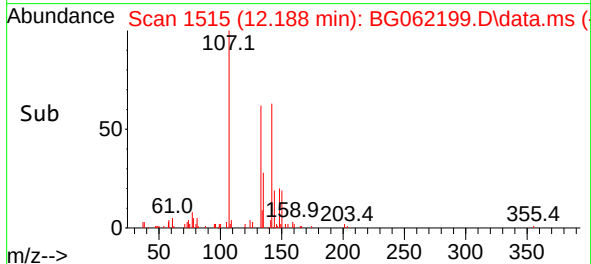
Instrument :
BNA_G
ClientSampleId :
YDZD5



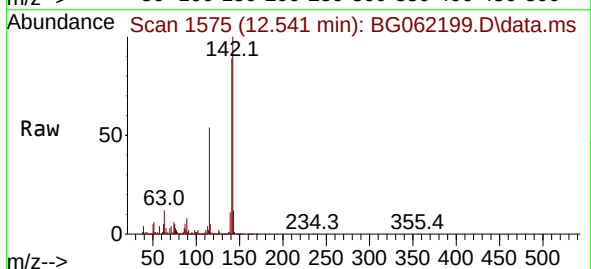
Tgt Ion:107 Resp: 33170
Ion Ratio Lower Upper
107 100
144 18.6 14.5 21.7
142 53.5 52.2 78.4

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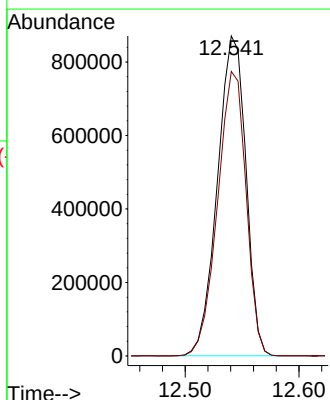
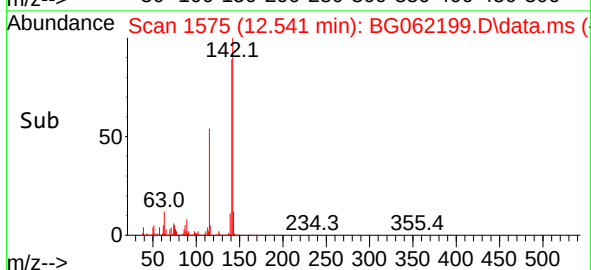
Reviewed By :Jagrut Upadhyay 07/24/2024
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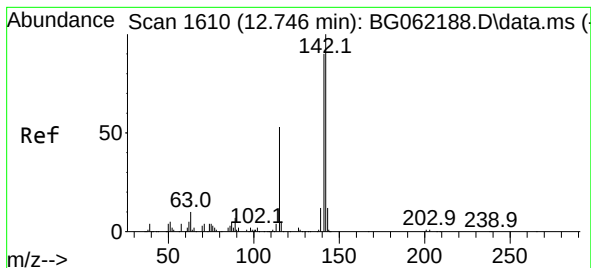


#36
2-Methylnaphthalene
Concen: 196.911 ng/ul
RT: 12.541 min Scan# 1575
Delta R.T. 0.012 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03



Tgt Ion:142 Resp: 1515382
Ion Ratio Lower Upper
142 100
141 88.9 79.1 118.7





#37

1-Methylnaphthalene

Concen: 138.631 ng/ul

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG062199.D

Acq: 24 Jul 2024 00:03

Instrument :

BNA_G

ClientSampleId :

YDZD5

Tgt Ion:142 Resp: 110005

Ion Ratio Lower Upper

142 100

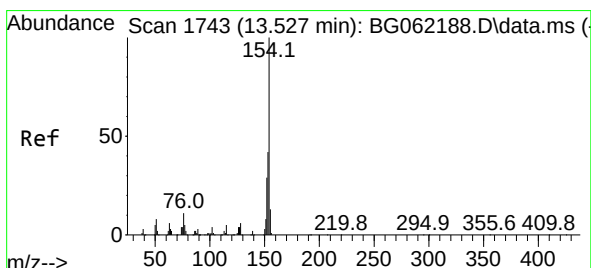
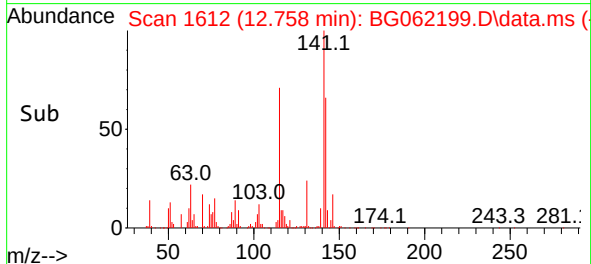
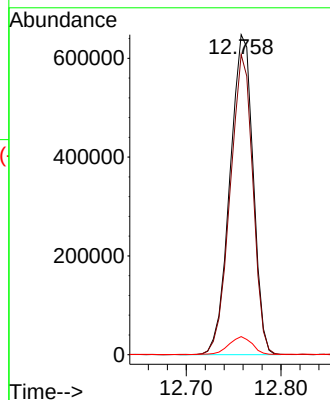
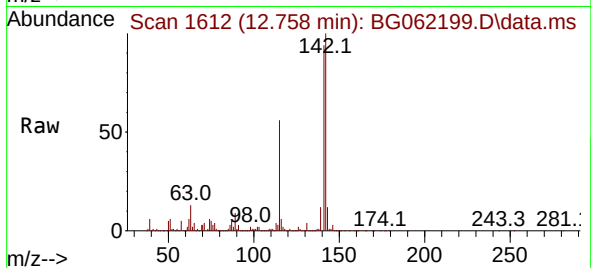
141 93.8 75.0 112.4

116 5.7 4.5 6.7

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#43

1,1'-Biphenyl

Concen: 1.911 ng/ul

RT: 13.533 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BG062199.D

Acq: 24 Jul 2024 00:03

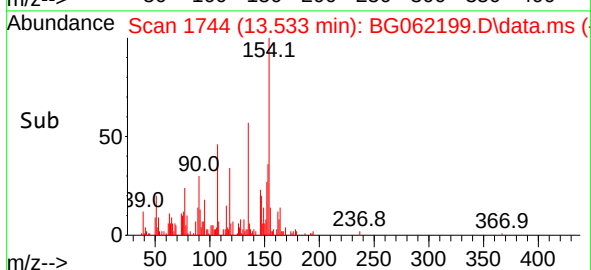
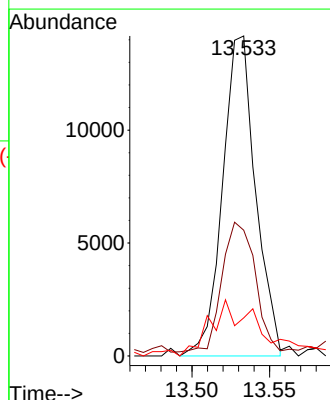
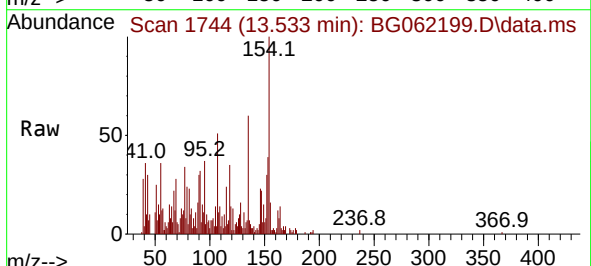
Tgt Ion:154 Resp: 20975

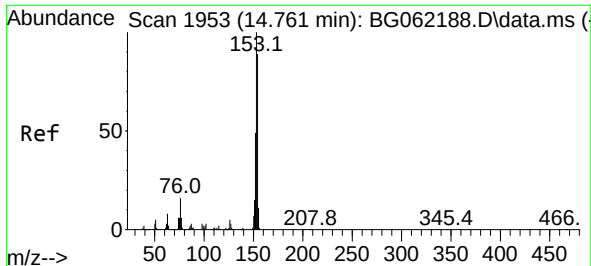
Ion Ratio Lower Upper

154 100

153 39.3 30.3 45.5

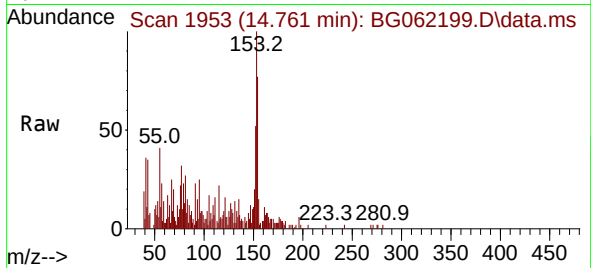
76 11.9 9.0 13.6





#52
Acenaphthene
Concen: 1.530 ng/ul
RT: 14.761 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03

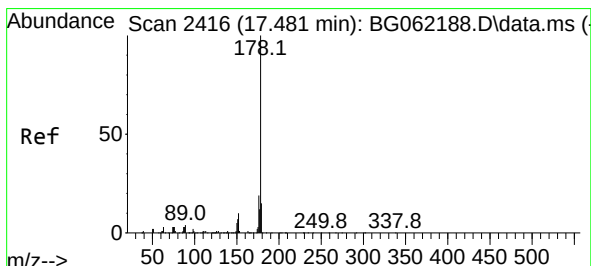
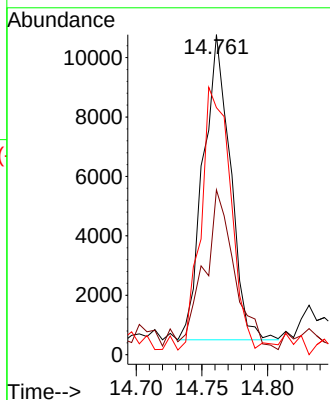
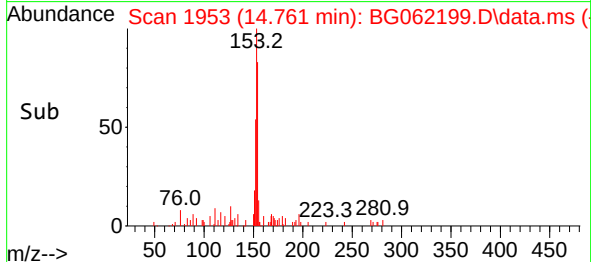
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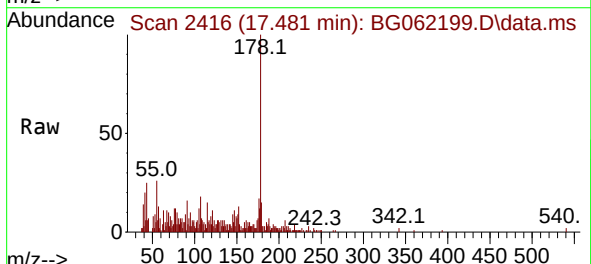
Tgt Ion:153 Resp: 1475
Ion Ratio Lower Upper
153 100
152 51.5 38.2 57.4
154 77.2 71.0 106.6

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#72
Phenanthrene
Concen: 1.407 ng/ul
RT: 17.481 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG062199.D
Acq: 24 Jul 2024 00:03



Tgt Ion:178 Resp: 25448
Ion Ratio Lower Upper
178 100
179 14.6 14.1 21.1
176 16.9 16.3 24.5

