

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062966.D
 Acq On : 20 Sep 2024 6:41
 Operator : JU/RC
 Sample : P3898-09ME
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC60ME

Quant Time: Sep 20 07:16:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	8873	20.000	ng/u1	0.00
20) Naphthalene-d8	10.643	136	27930	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	25417	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.241	188	49991	20.000	ng/u1	0.00
79) Chrysene-d12	21.483	240	62343	20.000	ng/u1	# 0.00
88) Perylene-d12	24.527	264	73437	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	6909	22.807	ng/uL	0.00
4) Pyridine-d5	3.739	84	69913	85.010	ng/u1	0.00
7) Phenol-d5	7.030	99	127694	138.689	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.188	67	72383	140.483	ng/u1	0.00
11) 2-Chlorophenol-d4	7.388	132	83933	138.851	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	95571	141.696	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	40310	181.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.726	143	48625	192.625	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.273	165	94771	180.950	ng/u1	0.00
31) 4-Chloroaniline-d4	10.784	131	108909	167.091	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	281565	148.969	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	321298	152.200	ng/u1	0.00
54) 4-Nitrophenol-d4	14.697	143	41412	136.726	ng/u1	0.00
60) Fluorene-d10	15.484	176	271559	154.304	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	54215	179.404	ng/u1	0.00
73) Anthracene-d10	17.341	188	425038m	179.899	ng/u1	0.00
81) Pyrene-d10	19.632	212	563351	149.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	623082	160.882	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.696	128	55019	35.478	ng/u1#	88
36) 2-Methylnaphthalene	12.306	142	70297	62.903	ng/u1	93
37) 1-Methylnaphthalene	12.529	142	47066	41.615	ng/u1#	97
43) 1,1'-Biphenyl	13.316	154	10619	5.624	ng/u1#	86
58) 2,3,4,6-Tetrachlorophenol	15.120	232	176855	333.276	ng/u1#	96
61) Fluorene	15.537	166	8115	4.430	ng/u1#	90
71) Pentachlorophenol	16.918	266	1861826	5088.182	ng/u1	91
72) Phenanthrene	17.282	178	46966	17.685	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.389	149	12093	5.482	ng/u1#	91

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

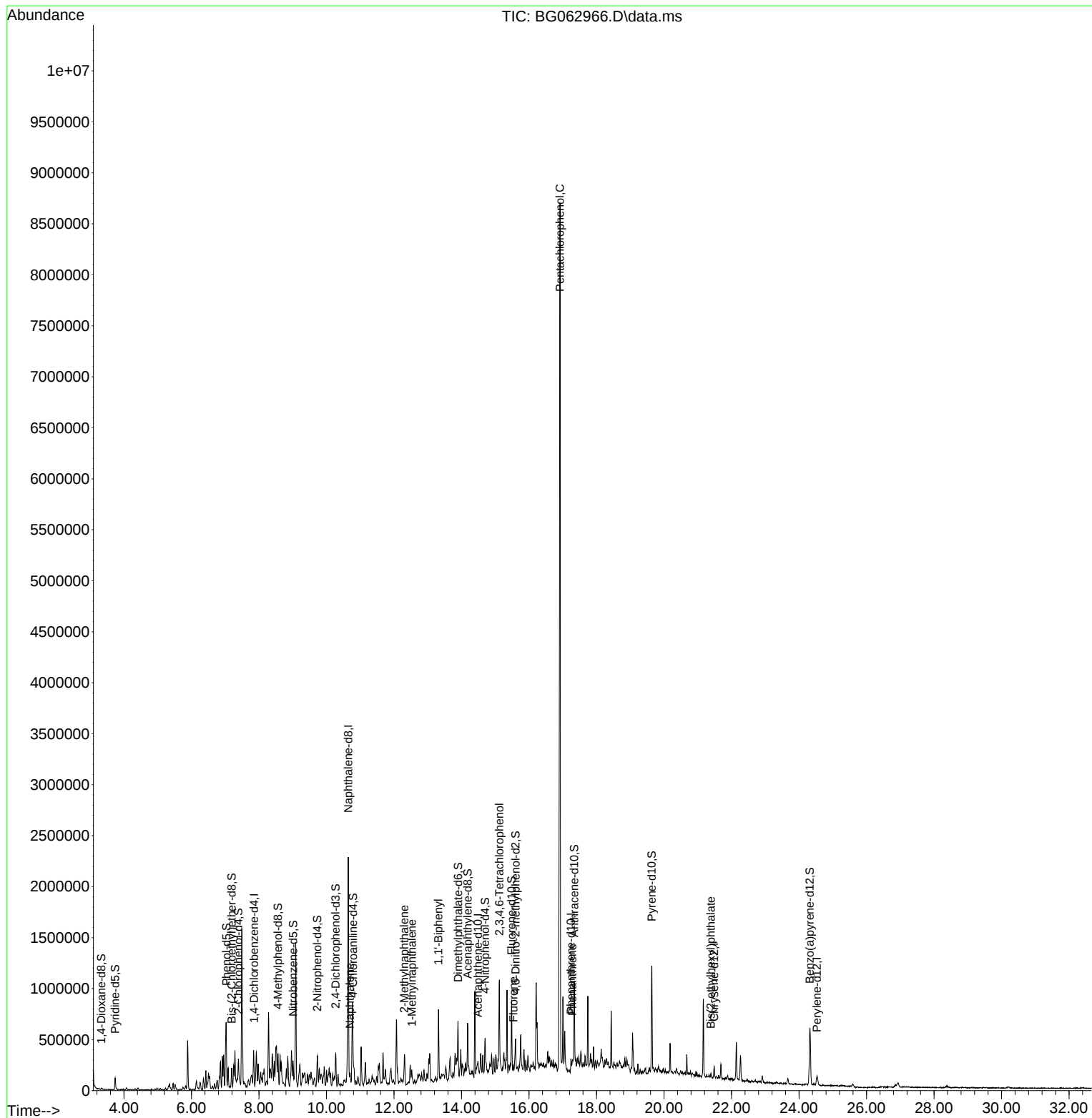
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062966.D
Acq On : 20 Sep 2024 6:41
Operator : JU/RC
Sample : P3898-09ME
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ALS Vial : 30 Sample Multiplier: 1

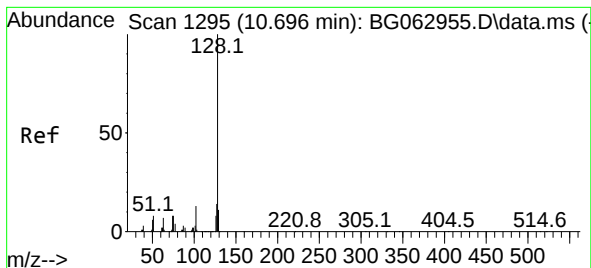
Instrument :
BNA_G
ClientSampleId :
DDC60ME

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Supervised By :mohammad ahmed 09/22/2024

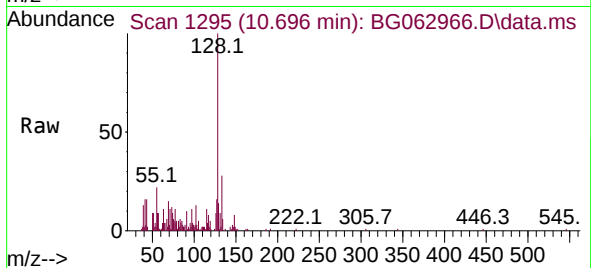
Quant Time: Sep 20 07:16:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 35.478 ng/ul
RT: 10.696 min Scan# 1295
Delta R.T. -0.002 min
Lab File: BG062966.D
Acq: 20 Sep 2024 6:41

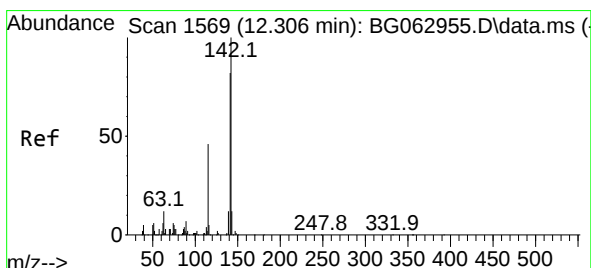
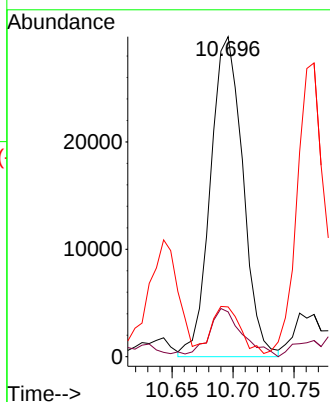
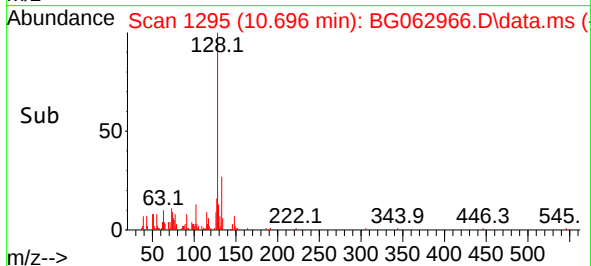
Instrument :
BNA_G
ClientSampleId :
DDC60ME



Tgt Ion:128 Resp: 55019
Ion Ratio Lower Upper
128 100
129 14.0 7.1 10.7
127 15.5 9.4 14.2

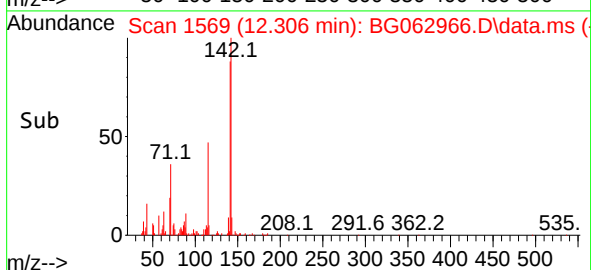
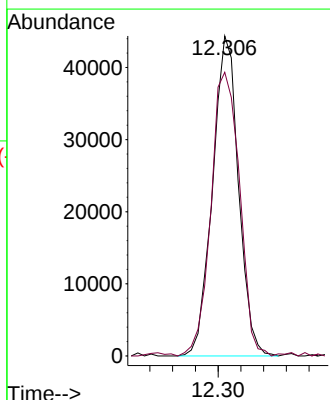
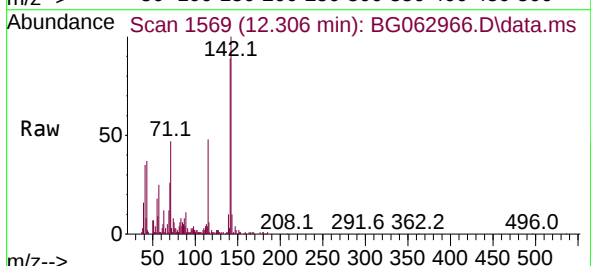
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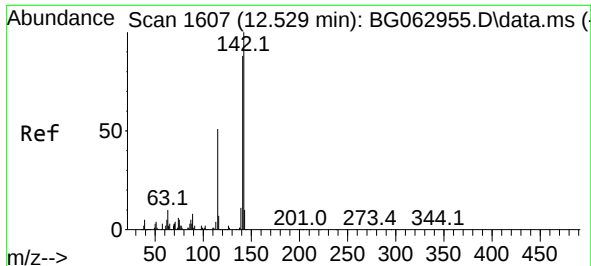
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 62.903 ng/ul
RT: 12.306 min Scan# 1569
Delta R.T. -0.002 min
Lab File: BG062966.D
Acq: 20 Sep 2024 6:41

Tgt Ion:142 Resp: 70297
Ion Ratio Lower Upper
142 100
141 88.7 76.5 114.7





#37

1-Methylnaphthalene

Concen: 41.615 ng/ul

RT: 12.529 min Scan# 1607

Delta R.T. 0.004 min

Lab File: BG062966.D

Acq: 20 Sep 2024 6:41

Instrument :

BNA_G

ClientSampleId :

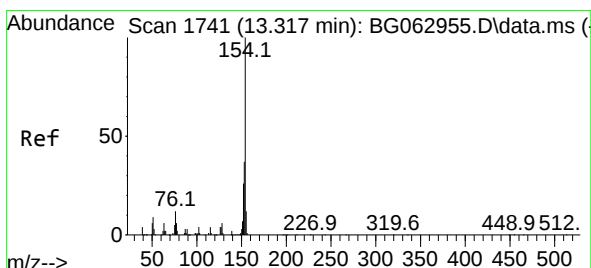
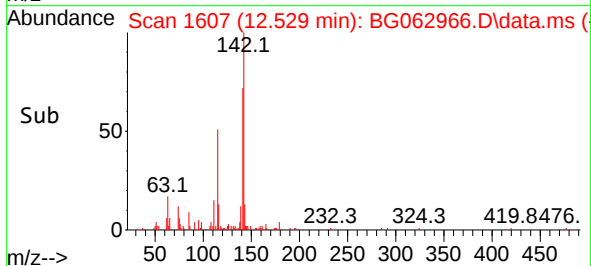
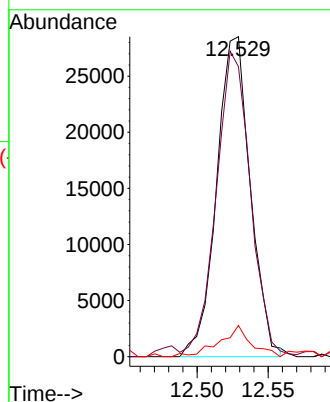
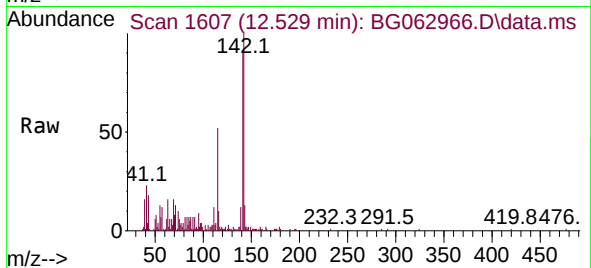
DDC60ME

Tgt Ion:	142	Resp:	4706
Ion Ratio	Lower	Upper	
142	100		
141	90.6	74.1	111.1
116	9.7	3.6	5.4

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#43

1,1'-Biphenyl

Concen: 5.624 ng/ul

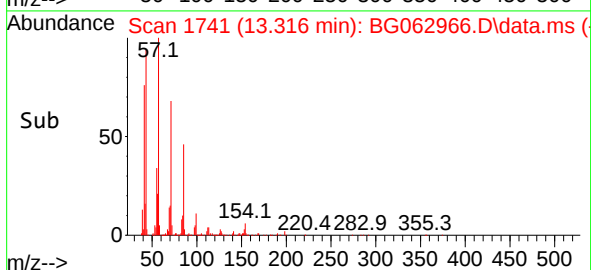
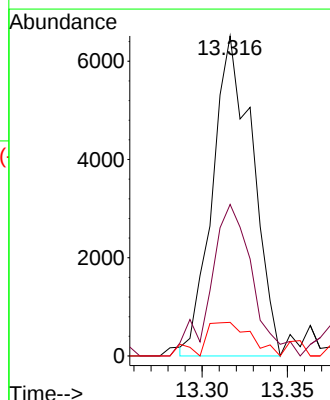
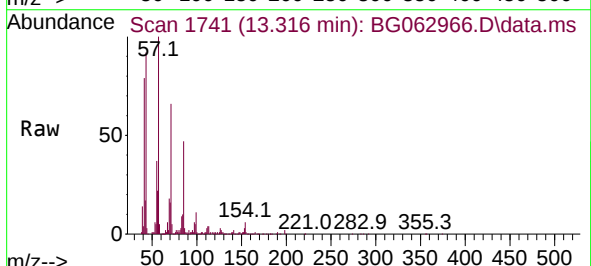
RT: 13.316 min Scan# 1741

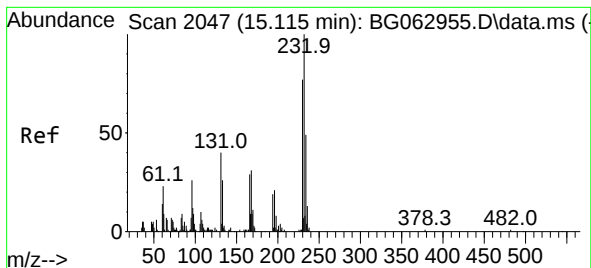
Delta R.T. -0.002 min

Lab File: BG062966.D

Acq: 20 Sep 2024 6:41

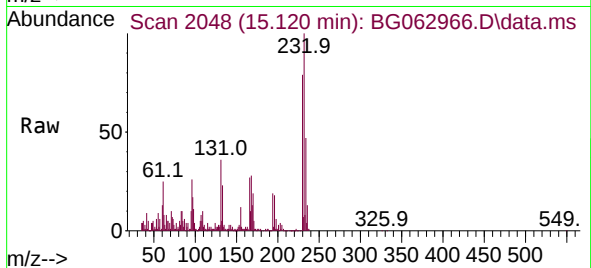
Tgt Ion:	154	Resp:	10619
Ion Ratio	Lower	Upper	
154	100		
153	47.4	30.3	45.5
76	10.5	11.9	17.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 333.276 ng/ul
RT: 15.120 min Scan# 2048
Delta R.T. 0.004 min
Lab File: BG062966.D
Acq: 20 Sep 2024 6:41

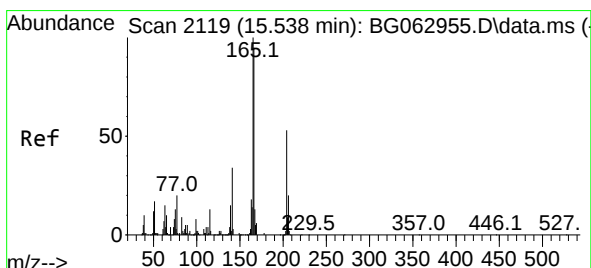
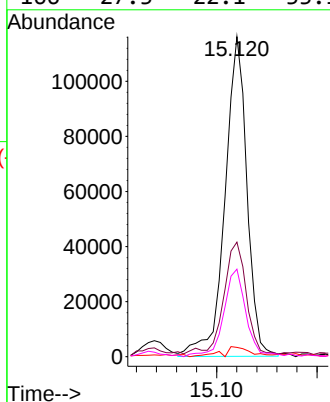
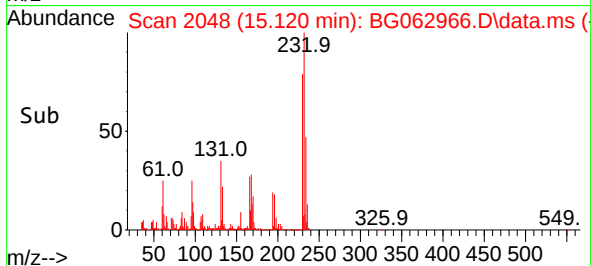
Instrument :
BNA_G
ClientSampleId :
DDC60ME



Tgt Ion:232 Resp: 17685
Ion Ratio Lower Upper
232 100
131 35.8 31.9 47.9
130 2.9 1.9 2.9
166 27.3 22.1 33.1

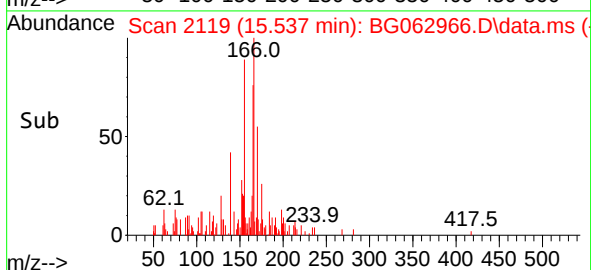
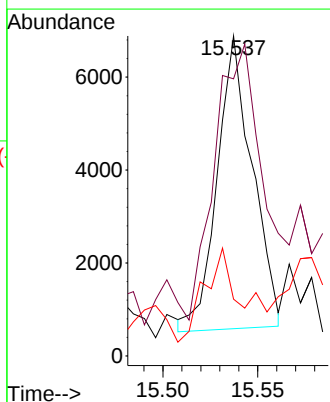
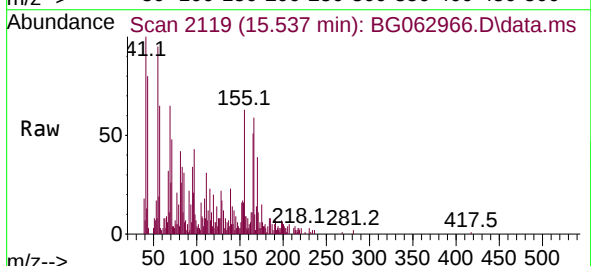
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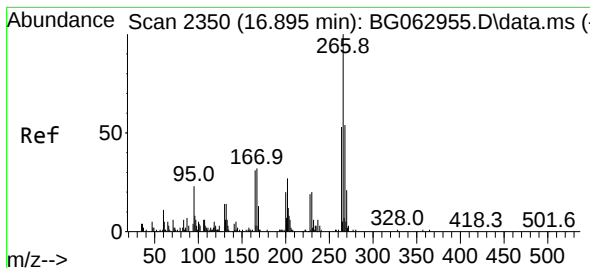
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#61
Fluorene
Concen: 4.430 ng/ul
RT: 15.537 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG062966.D
Acq: 20 Sep 2024 6:41

Tgt Ion:166 Resp: 8115
Ion Ratio Lower Upper
166 100
165 86.6 77.2 115.8
167 17.7 10.8 16.2#





#71

Pentachlorophenol

Concen: 5088.182 ng/ul

RT: 16.918 min Scan# 21

Delta R.T. 0.028 min

Lab File: BG062966.D

Acq: 20 Sep 2024 6:41

Instrument :

BNA_G

ClientSampleId :

DDC60ME

Tgt Ion:266 Resp: 186182

Ion Ratio Lower Upper

266 100

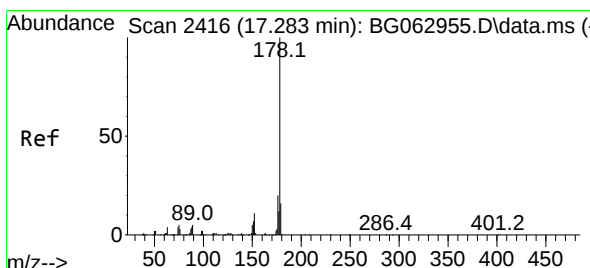
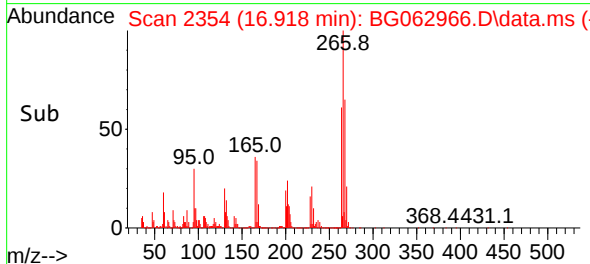
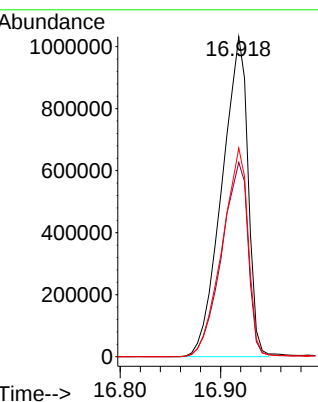
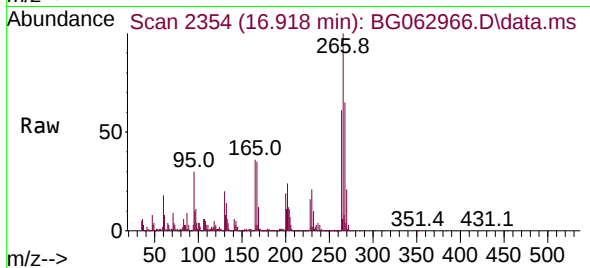
264 60.7 43.0 64.4

268 65.2 47.2 70.8

Manual Integrations

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#72

Phenanthrene

Concen: 17.685 ng/ul

RT: 17.282 min Scan# 2416

Delta R.T. 0.004 min

Lab File: BG062966.D

Acq: 20 Sep 2024 6:41

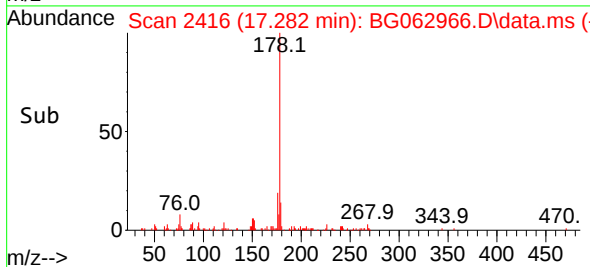
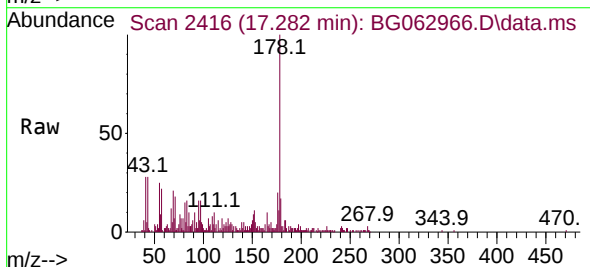
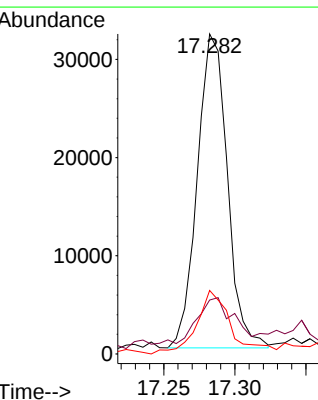
Tgt Ion:178 Resp: 46966

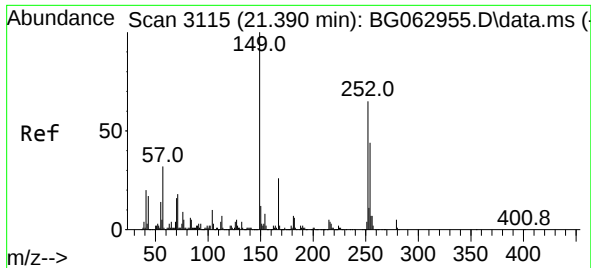
Ion Ratio Lower Upper

178 100

179 16.9 12.3 18.5

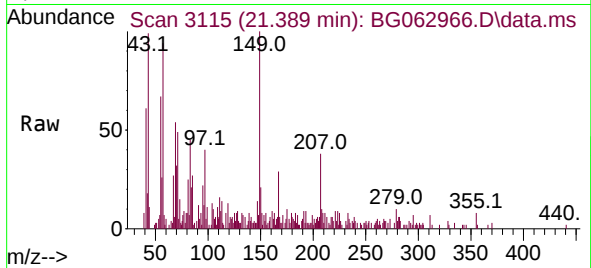
176 19.8 15.5 23.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.482 ng/ul
 RT: 21.389 min Scan# 3115
 Delta R.T. 0.004 min
 Lab File: BG062966.D
 Acq: 20 Sep 2024 6:41

Instrument :
 BNA_G
 ClientSampleId :
 DDC60ME



Tgt Ion:	149	Resp:	1209
Ion Ratio	Lower	Upper	
149	100		
167	28.6	19.9	29.9
279	10.0	2.7	4.1

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