

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062727.D
 Acq On : 11 Sep 2024 9:06
 Operator : JU/RC
 Sample : P3877-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 21 02:52:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	80961	20.000	ng/ul	0.00
20) Naphthalene-d8	10.706	136	311714	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.536	164	241502	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	628325	20.000	ng/ul	0.02
79) Chrysene-d12	21.522	240	653605	20.000	ng/ul	0.00
88) Perylene-d12	24.583	264	717388	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	10240m	5.717	ng/uL	0.00
4) Pyridine-d5	3.773	84	172088	30.185	ng/ul	0.00
7) Phenol-d5	7.080	99	236262	33.280	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	161613	37.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.445	132	178201	34.461	ng/ul	0.00
15) 4-Methylphenol-d8	8.614	113	181799	30.730	ng/ul	0.00
21) Nitrobenzene-d5	9.066	128	85964	38.586	ng/ul	0.00
24) 2-Nitrophenol-d4	9.783	143	99320	40.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	204830	38.602	ng/ul	0.00
31) 4-Chloroaniline-d4	10.829	131	259857	35.628	ng/ul	0.00
46) Dimethylphthalate-d6	13.943	166	665493	35.784	ng/ul	0.00
49) Acenaphthylene-d8	14.231	160	655748	31.748	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	113358	35.881	ng/ul	0.02
60) Fluorene-d10	15.535	176	564273	33.671	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	122488	33.890	ng/ul	0.00
73) Anthracene-d10	17.392	188	1012838	34.156	ng/ul	0.02
81) Pyrene-d10	19.672	212	1227551	33.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.378	264	1288157	34.006	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.753	128	555213	33.219	ng/ul	98
36) 2-Methylnaphthalene	12.363	142	690775	56.000	ng/ul	96
37) 1-Methylnaphthalene	12.580	142	446836	35.364	ng/ul	99
41) 2,4,6-Trichlorophenol	12.968	196	16968	3.374	ng/ul	88
42) 2,4,5-Trichlorophenol	13.050	196	8032	1.488	ng/ul	94
43) 1,1'-Biphenyl	13.367	154	90153	5.309	ng/ul	97
52) Acenaphthene	14.601	153	22250	1.441	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.177	232	1413172	258.265	ng/ul#	97
61) Fluorene	15.588	166	50442	2.798	ng/ul#	88
71) Pentachlorophenol	17.016	266	11907611m	2411.560	ng/ul	
72) Phenanthrene	17.339	178	232887	7.127	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.422	149	31729	1.655	ng/ul#	88

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

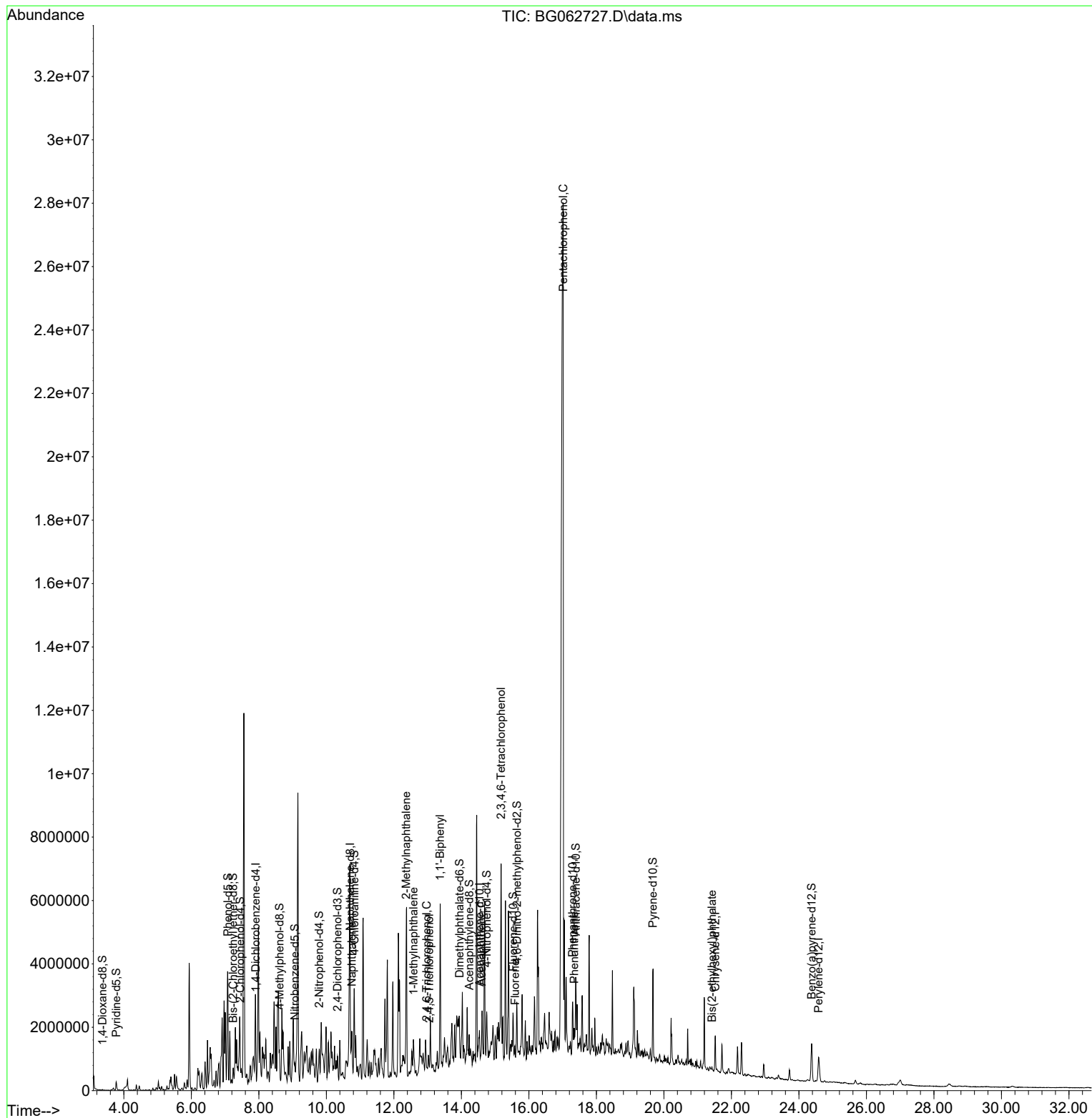
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062727.D
Acq On : 11 Sep 2024 9:06
Operator : JU/RC
Sample : P3877-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

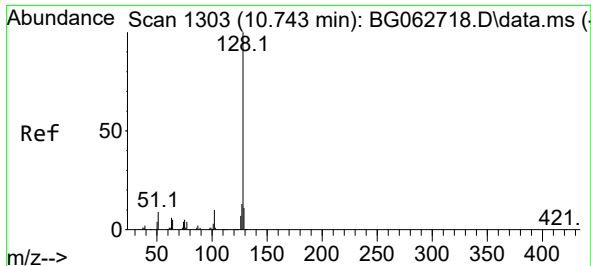
Instrument :
BNA_G
ClientSampleId :
DCVY3

Quant Time: Sep 21 02:52:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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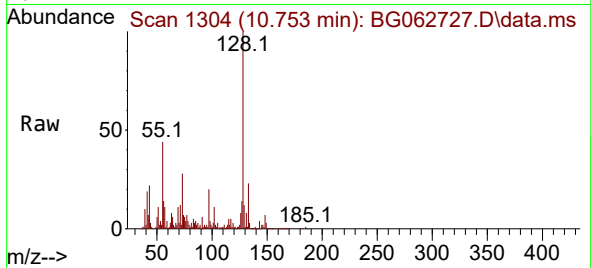
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024





#30
Naphthalene
Concen: 33.219 ng/ul
RT: 10.753 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

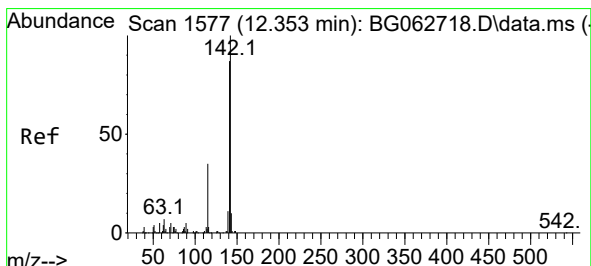
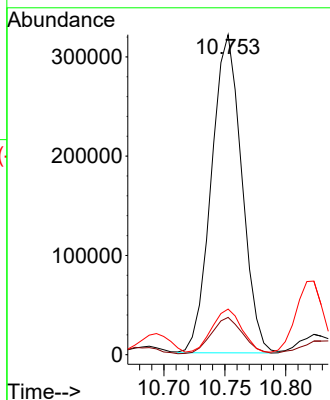
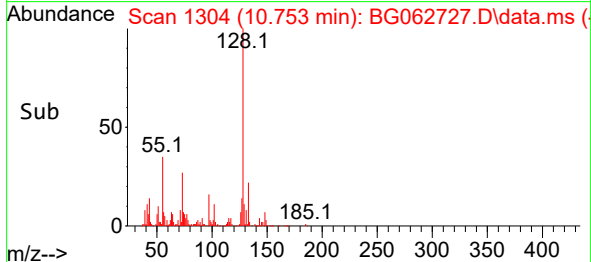
Instrument :
BNA_G
ClientSampleId :
DCVY3



Tgt Ion:128 Resp: 55521
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.3 10.7 16.1

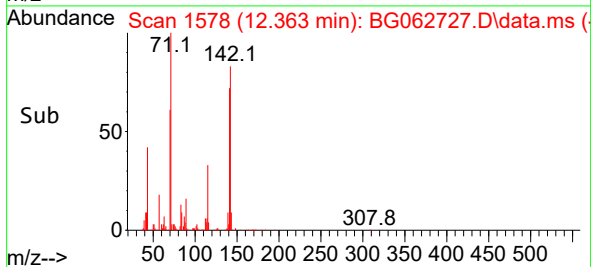
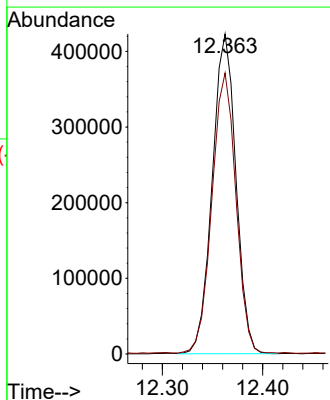
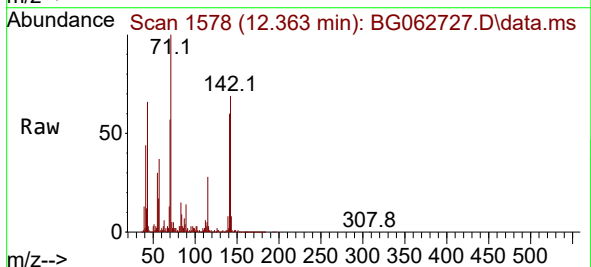
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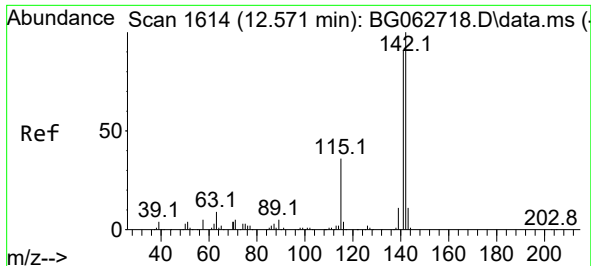
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 56.000 ng/ul
RT: 12.363 min Scan# 1578
Delta R.T. 0.004 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

Tgt Ion:142 Resp: 690775
Ion Ratio Lower Upper
142 100
141 87.8 73.4 110.2





#37

1-Methylnaphthalene

Concen: 35.364 ng/ul

RT: 12.580 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG062727.D

Acq: 11 Sep 2024 9:06

Instrument :

BNA_G

ClientSampleId :

DCVY3

Tgt Ion:142 Resp: 446830

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7

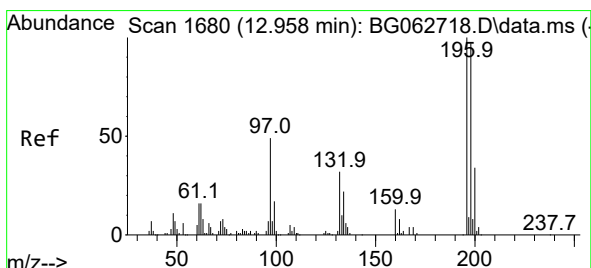
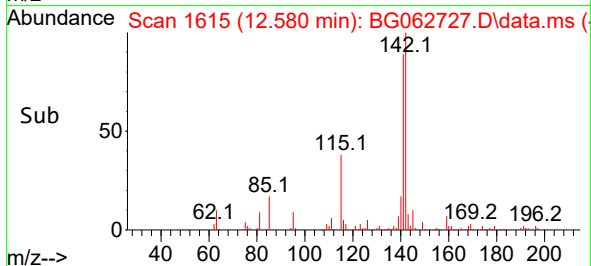
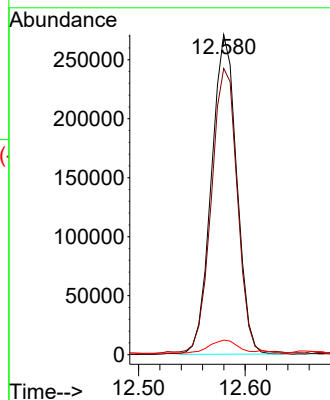
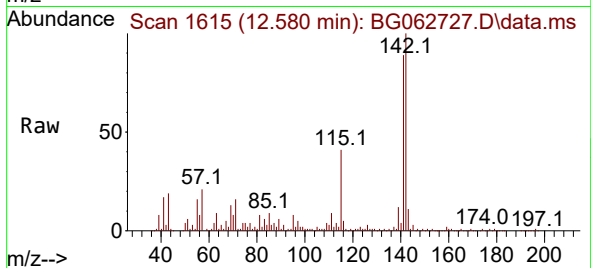
116 4.5 3.0 4.6

Manual Integrations

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#41

2,4,6-Trichlorophenol

Concen: 3.374 ng/ul

RT: 12.968 min Scan# 1681

Delta R.T. 0.004 min

Lab File: BG062727.D

Acq: 11 Sep 2024 9:06

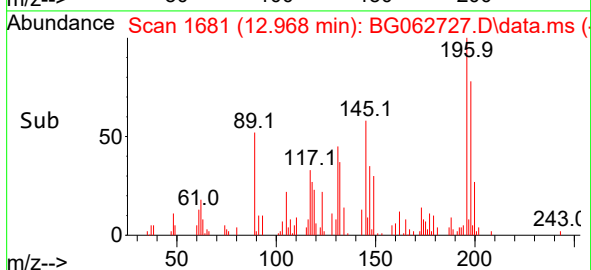
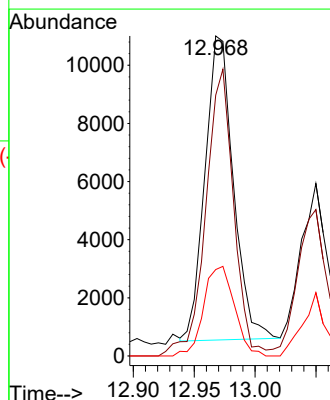
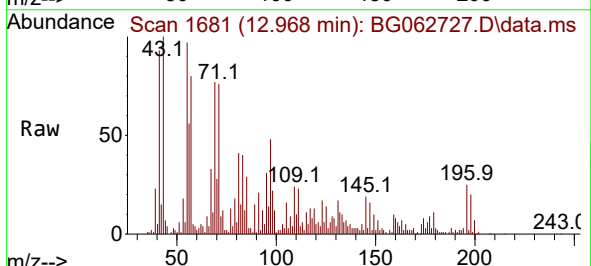
Tgt Ion:196 Resp: 16968

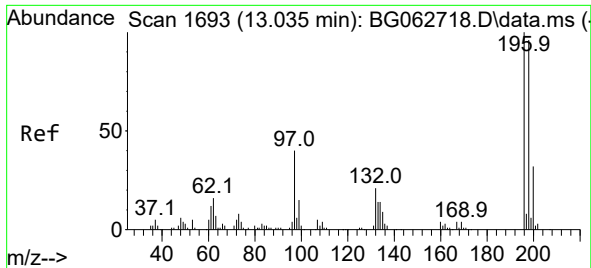
Ion Ratio Lower Upper

196 100

198 81.5 76.2 114.4

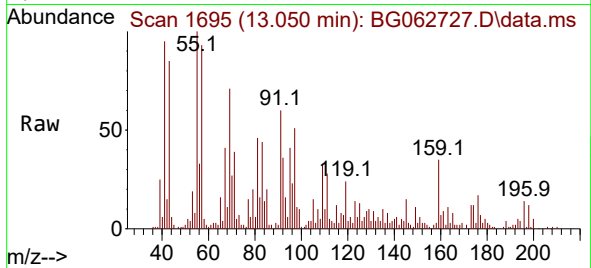
200 28.9 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 1.488 ng/ul
RT: 13.050 min Scan# 1693
Delta R.T. 0.010 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

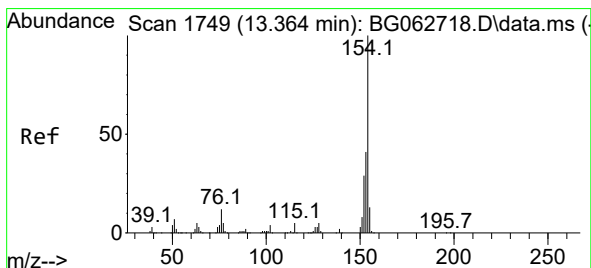
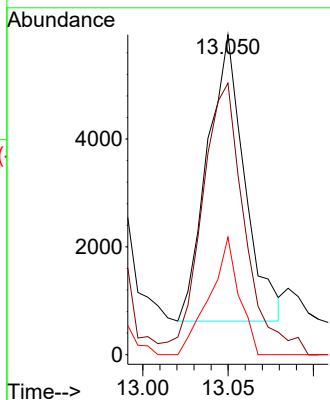
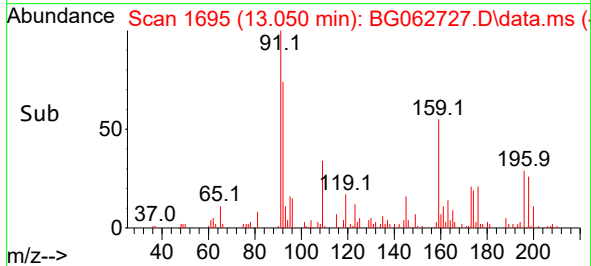
Instrument :
BNA_G
ClientSampleId :
DCVY3



Tgt Ion:196 Resp: 803
Ion Ratio Lower Upper
196 100
198 84.9 71.2 106.8
200 36.7 24.6 37.0

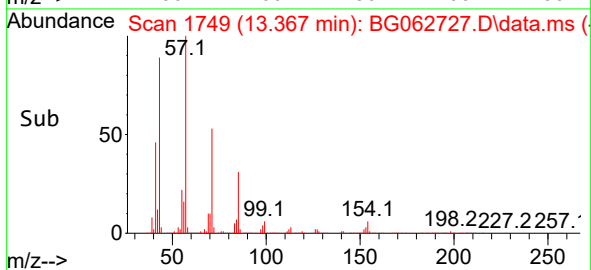
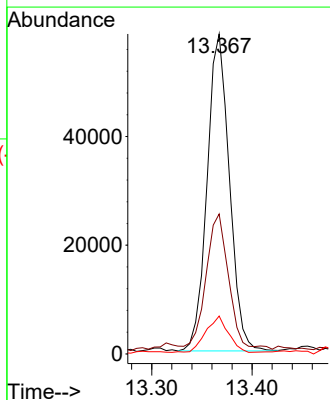
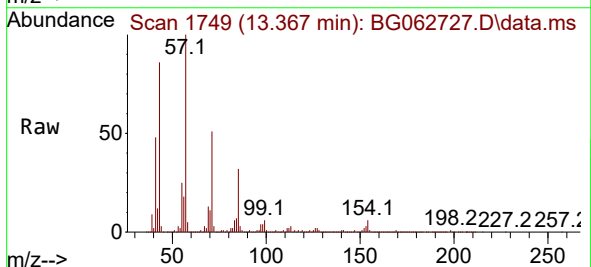
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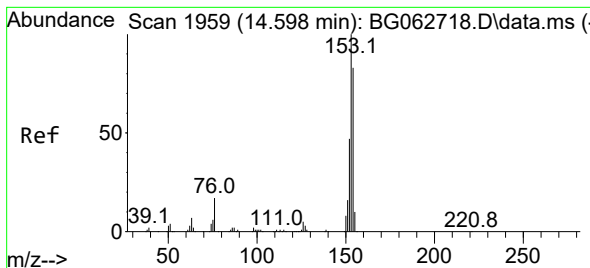
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#43
1,1'-Biphenyl
Concen: 5.309 ng/ul
RT: 13.367 min Scan# 1749
Delta R.T. 0.004 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

Tgt Ion:154 Resp: 90153
Ion Ratio Lower Upper
154 100
153 43.7 33.4 50.0
76 11.8 10.1 15.1





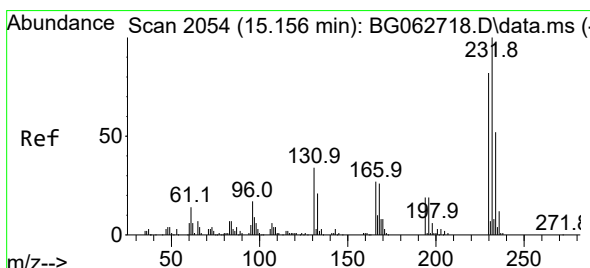
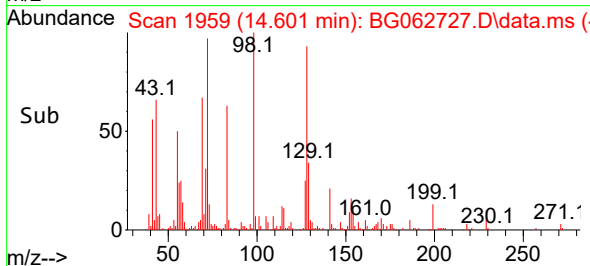
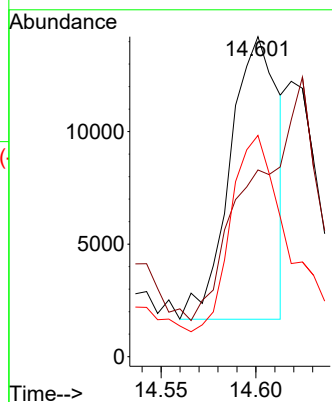
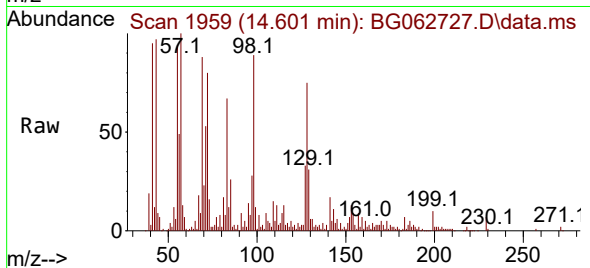
#52
Acenaphthene
Concen: 1.441 ng/ul
RT: 14.601 min Scan# 1959
Delta R.T. 0.004 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

Instrument :
BNA_G
ClientSampleId :
DCVY3

Tgt Ion:153 Resp: 22250
Ion Ratio Lower Upper
153 100
152 58.4 37.2 55.8
154 69.1 67.8 101.6

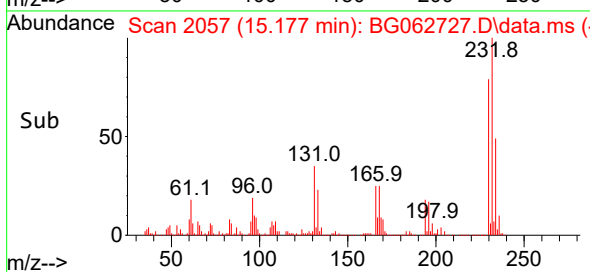
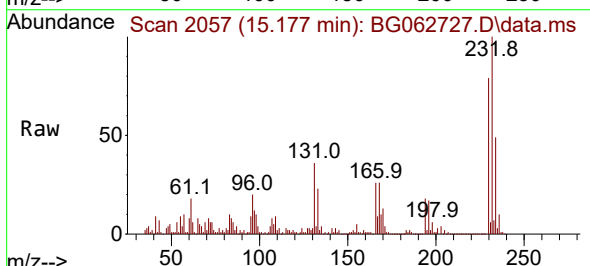
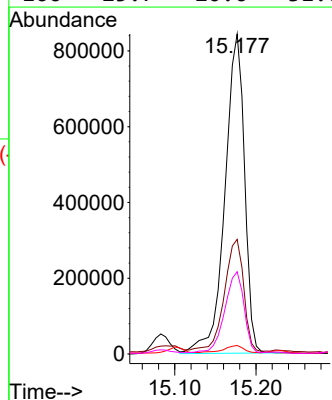
Manual Integrations
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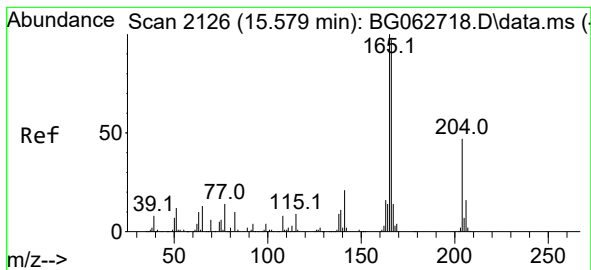
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 258.265 ng/ul
RT: 15.177 min Scan# 2057
Delta R.T. 0.021 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

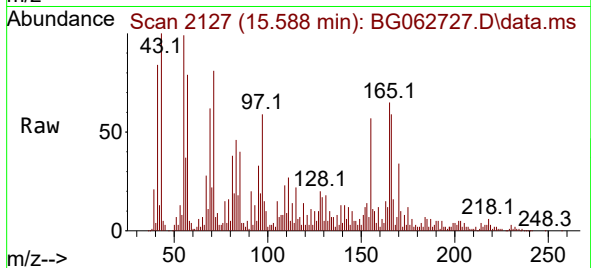
Tgt Ion:232 Resp: 1413172
Ion Ratio Lower Upper
232 100
131 35.8 26.6 40.0
130 2.6 1.6 2.4
166 25.7 20.6 31.0





#61
Fluorene
Concen: 2.798 ng/ul
RT: 15.588 min Scan# 2126
Delta R.T. 0.010 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

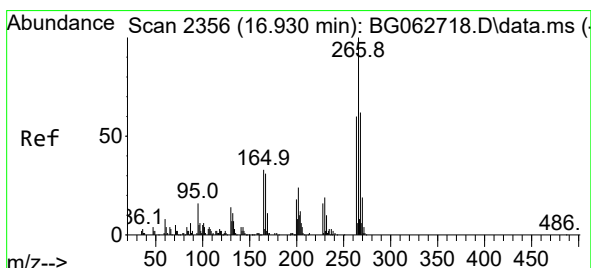
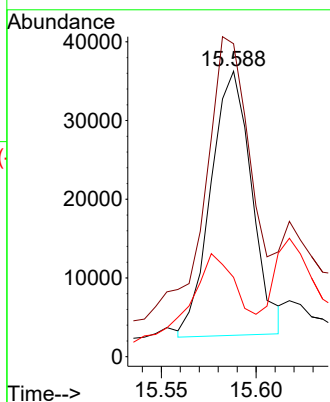
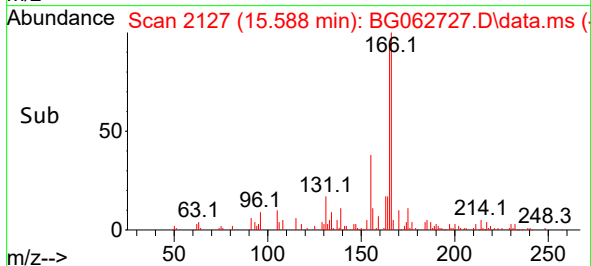
Instrument :
BNA_G
ClientSampleId :
DCVY3



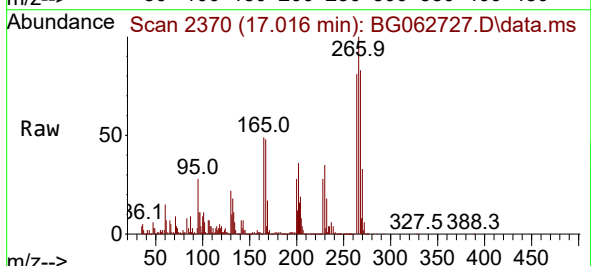
Tgt Ion:166 Resp: 5044
Ion Ratio Lower Upper
166 100
165 109.7 80.9 121.3
167 27.8 10.9 16.3

Manual Integrations
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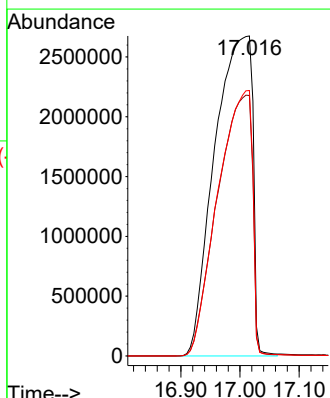
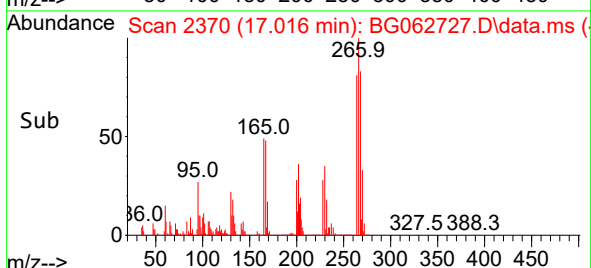
Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

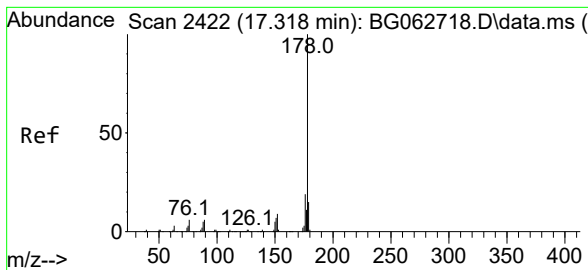


#71
Pentachlorophenol
Concen: 2411.560 ng/ul m
RT: 17.016 min Scan# 2370
Delta R.T. 0.086 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06



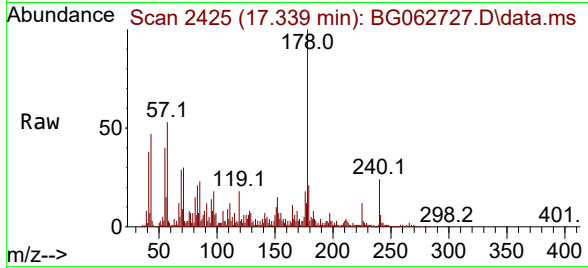
Tgt Ion:266 Resp:11907611
Ion Ratio Lower Upper
266 100
264 81.4 48.6 72.8#
268 83.0 49.5 74.3#





#72
Phenanthrene
Concen: 7.127 ng/ul
RT: 17.339 min Scan# 2422
Delta R.T. 0.015 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

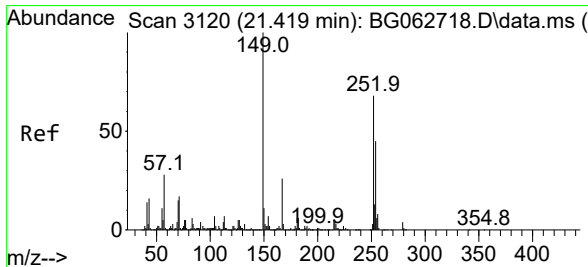
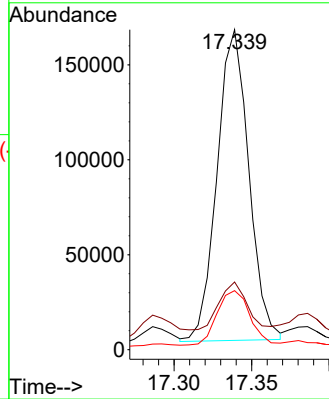
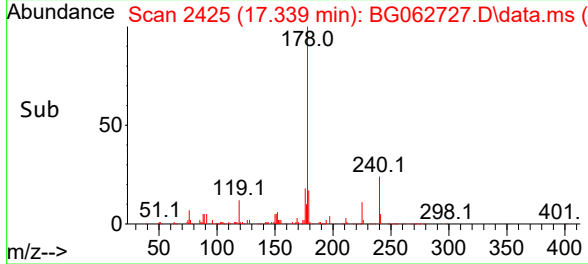
Instrument :
BNA_G
ClientSampleId :
DCVY3



Tgt Ion:178 Resp: 232885
Ion Ratio Lower Upper
178 100
179 21.1 12.1 18.1#
176 18.5 14.9 22.3#

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.655 ng/ul
RT: 21.422 min Scan# 3120
Delta R.T. -0.002 min
Lab File: BG062727.D
Acq: 11 Sep 2024 9:06

Tgt Ion:149 Resp: 31729
Ion Ratio Lower Upper
149 100
167 32.8 21.3 31.9#
279 8.0 3.8 5.6#

