

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062795.D
 Acq On : 13 Sep 2024 19:38
 Operator : JU/RC
 Sample : P3898-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC61

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 14 00:19:02 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	7.906	152	61807	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	246923	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.534	164	209072	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.289	188	483591	20.000	ng/u1	0.01
79) Chrysene-d12	21.520	240	499329	20.000	ng/u1	0.00
88) Perylene-d12	24.581	264	577312	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	3491	2.553	ng/uL	0.00
4) Pyridine-d5	3.770	84	52095	11.969	ng/u1	0.00
7) Phenol-d5	7.078	99	80792	14.907	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	48304	14.866	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	65398	16.566	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	74582	16.513	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	34815	19.728	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	41245	21.370	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	85797	20.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	87539	15.151	ng/u1	0.00
46) Dimethylphthalate-d6	13.935	166	274375	17.042	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	315538	17.647	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	45065	16.477	ng/u1	0.00
60) Fluorene-d10	15.527	176	251473	17.333	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	106629	38.332	ng/u1	0.02
73) Anthracene-d10	17.383	188	415794	18.219	ng/u1	0.00
81) Pyrene-d10	19.663	212	499535	17.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.369	264	545068	17.881	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.744	128	164625	12.434	ng/u1	97
36) 2-Methylnaphthalene	12.354	142	256787	26.280	ng/u1	96
37) 1-Methylnaphthalene	12.577	142	158358	15.821	ng/u1	97
41) 2,4,6-Trichlorophenol	12.971	196	6172	1.418	ng/u1	92
42) 2,4,5-Trichlorophenol	13.041	196	15549m	3.326	ng/u1	
43) 1,1'-Biphenyl	13.365	154	31254	2.126	ng/u1#	88
52) Acenaphthene	14.598	153	15724	1.176	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.168	232	906528	191.371	ng/u1#	98
61) Fluorene	15.580	166	23774	1.523	ng/u1#	84
71) Pentachlorophenol	16.984	266	7602001	2000.357	ng/u1#	79
72) Phenanthrene	17.331	178	110060	4.376	ng/u1#	95

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

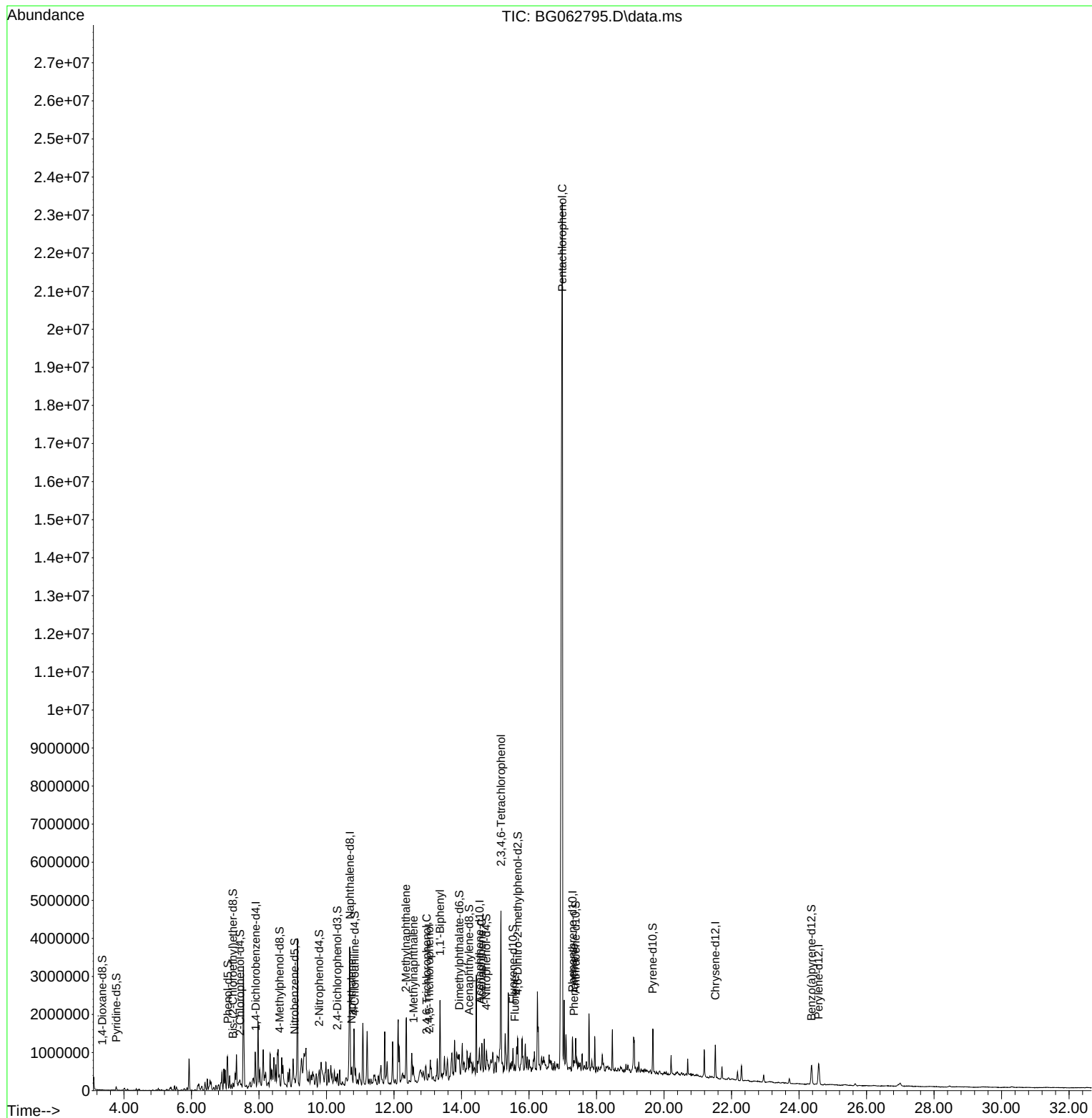
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062795.D
Acq On : 13 Sep 2024 19:38
Operator : JU/RC
Sample : P3898-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

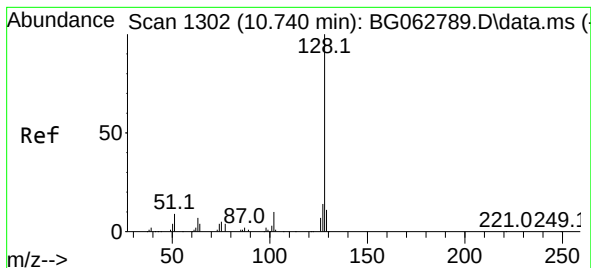
Instrument :
BNA_G
ClientSampleId :
DDC61

Quant Time: Sep 14 00:19:02 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

Manual Integrations
APPROVED

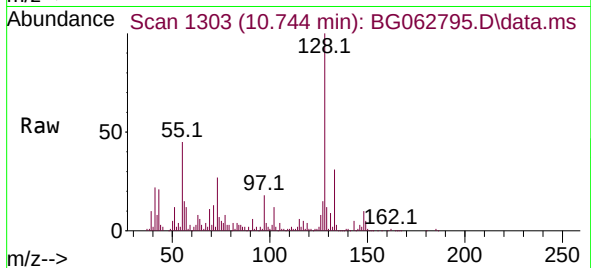
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#30
Naphthalene
Concen: 12.434 ng/ul
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38

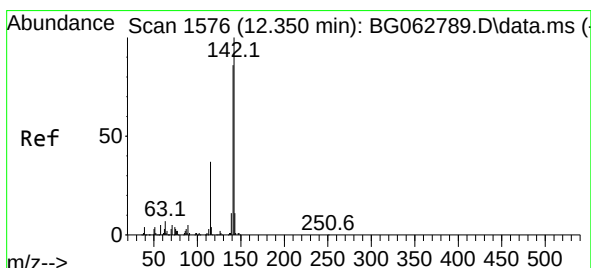
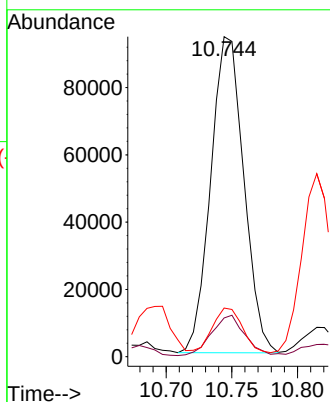
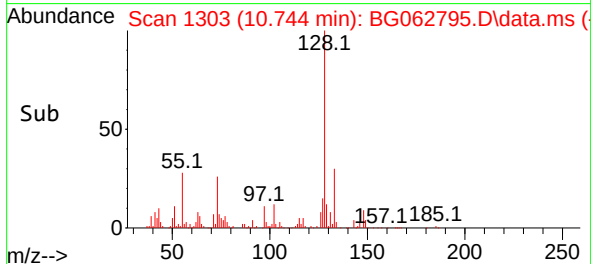
Instrument :
BNA_G
ClientSampleId :
DDC61



Tgt Ion:128 Resp: 164629
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 15.2 10.7 16.1

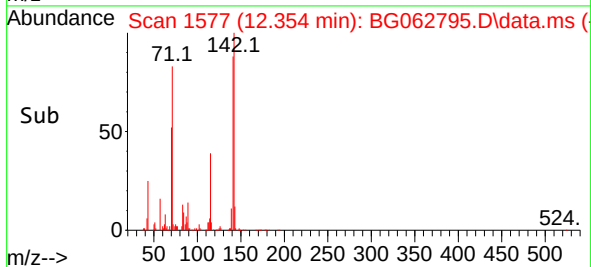
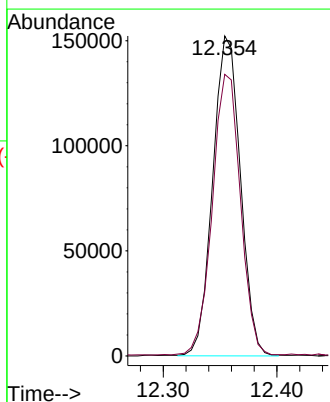
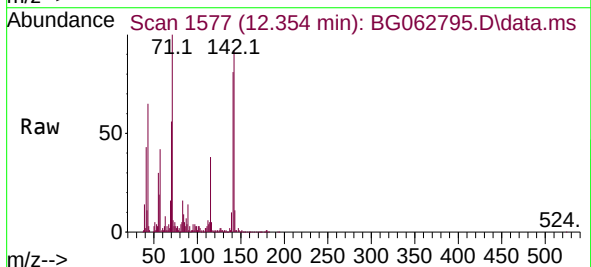
Manual Integrations
APPROVED

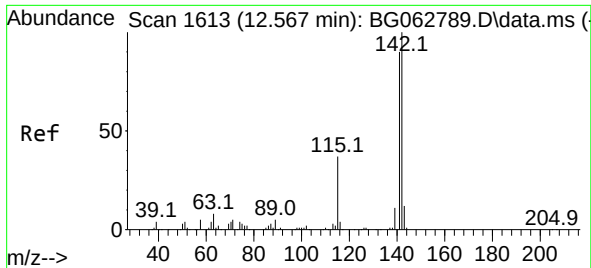
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 26.280 ng/ul
RT: 12.354 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38

Tgt Ion:142 Resp: 256787
Ion Ratio Lower Upper
142 100
141 88.0 73.4 110.2





#37

1-Methylnaphthalene

Concen: 15.821 ng/ul

RT: 12.577 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062795.D

Acq: 13 Sep 2024 19:38

Instrument :

BNA_G

ClientSampleId :

DDC61

Tgt Ion:142 Resp: 15835

Ion Ratio Lower Upper

142 100

141 86.3 71.1 106.7

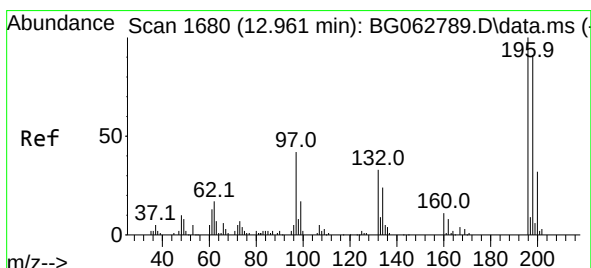
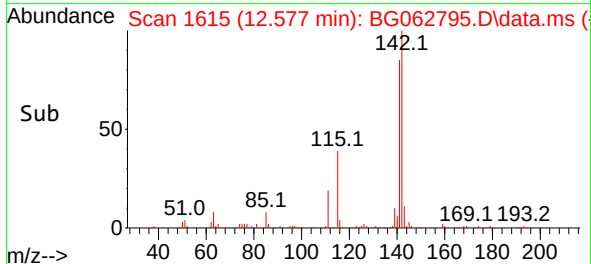
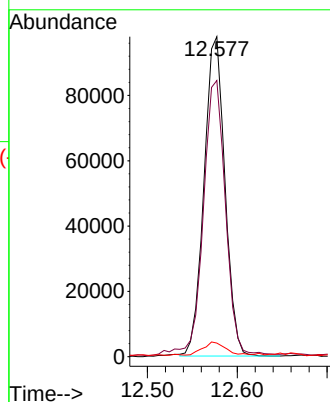
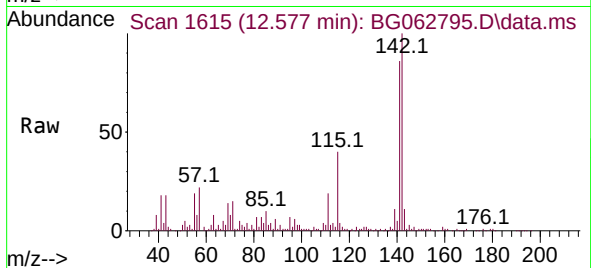
116 4.2 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#41

2,4,6-Trichlorophenol

Concen: 1.418 ng/ul

RT: 12.971 min Scan# 1682

Delta R.T. 0.007 min

Lab File: BG062795.D

Acq: 13 Sep 2024 19:38

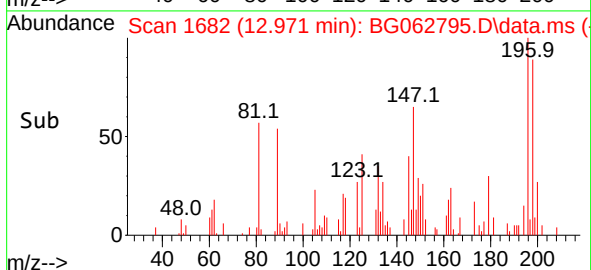
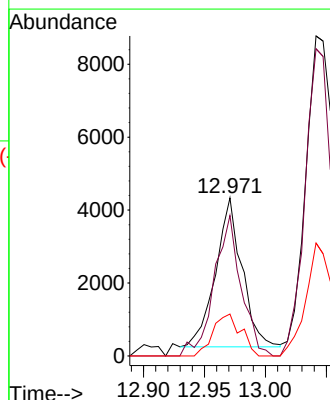
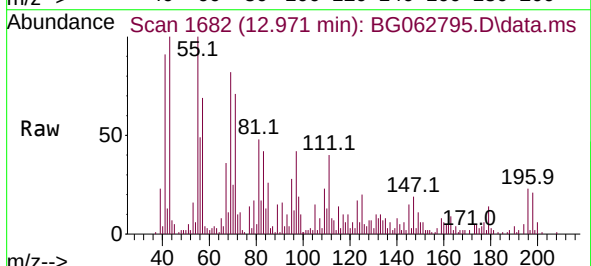
Tgt Ion:196 Resp: 6172

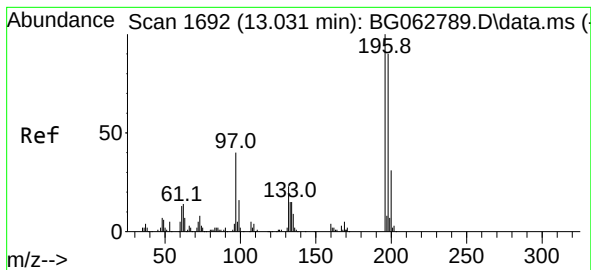
Ion Ratio Lower Upper

196 100

198 88.9 76.2 114.4

200 26.5 26.0 39.0





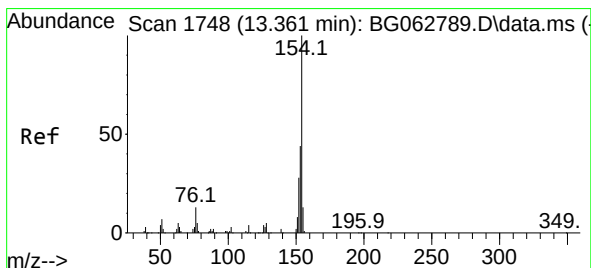
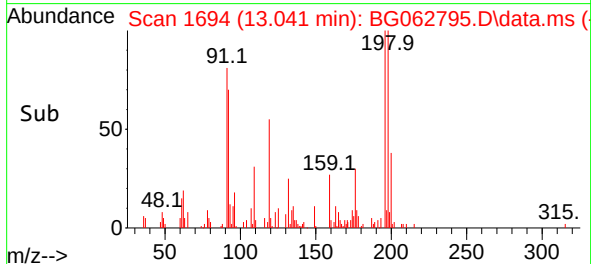
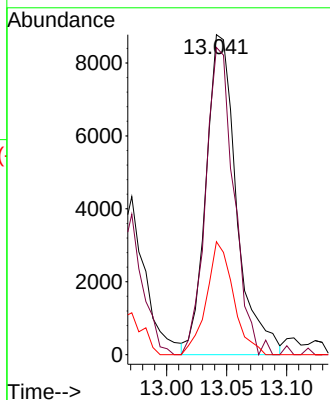
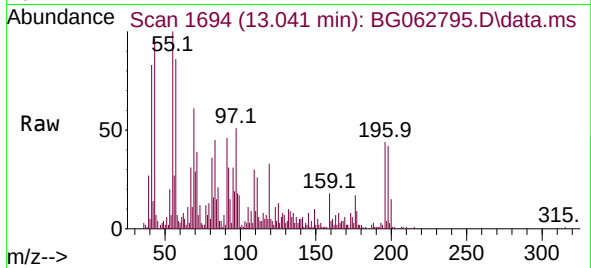
#42
2,4,5-Trichlorophenol
Concen: 3.326 ng/ul m
RT: 13.041 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38

Instrument :
BNA_G
ClientSampleId :
DDC61

Tgt Ion:196 Resp: 15549
Ion Ratio Lower Upper
196 100
198 96.0 71.2 106.8
200 35.3 24.6 37.0

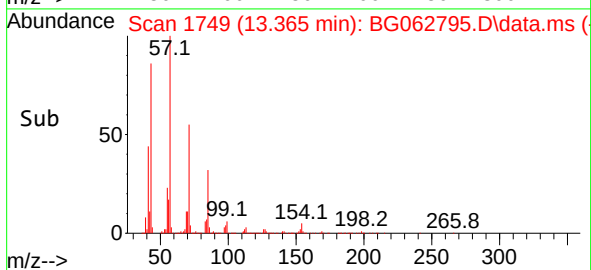
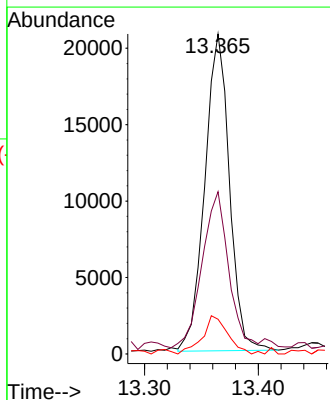
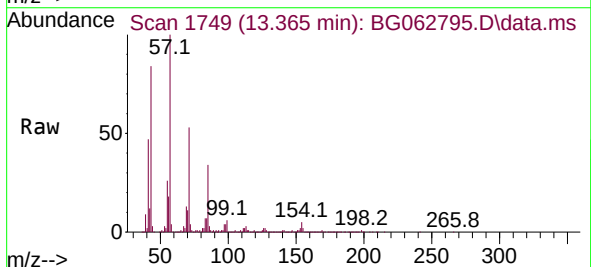
Manual Integrations
APPROVED

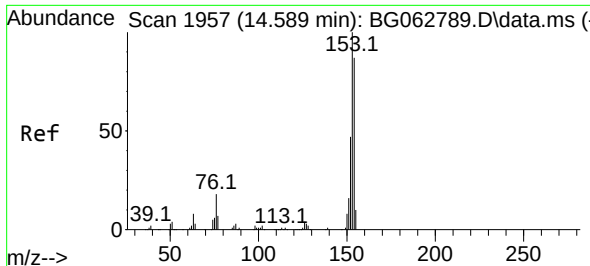
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#43
1,1'-Biphenyl
Concen: 2.126 ng/ul
RT: 13.365 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38

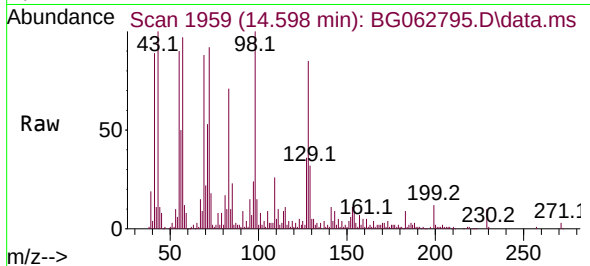
Tgt Ion:154 Resp: 31254
Ion Ratio Lower Upper
154 100
153 50.7 33.4 50.0#
76 10.8 10.1 15.1





#52
Acenaphthene
Concen: 1.176 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38

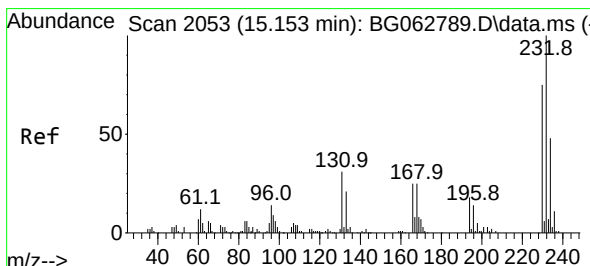
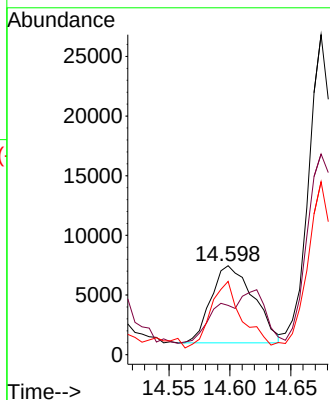
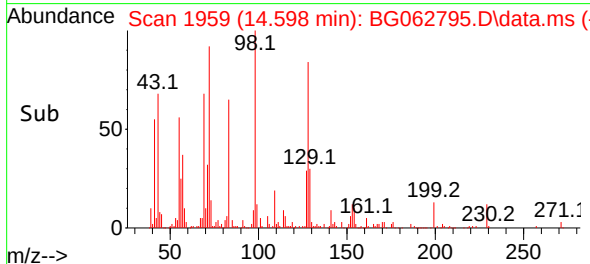
Instrument :
BNA_G
ClientSampleId :
DDC61



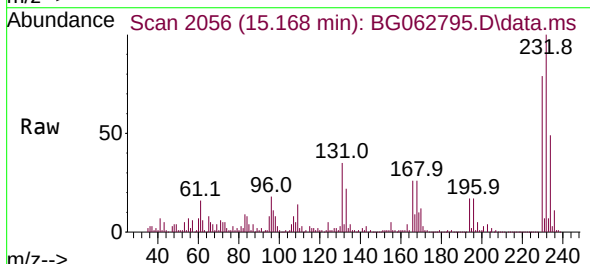
Tgt Ion:153 Resp: 15724
Ion Ratio Lower Upper
153 100
152 55.4 37.2 55.8
154 82.5 67.8 101.6

Manual Integrations
APPROVED

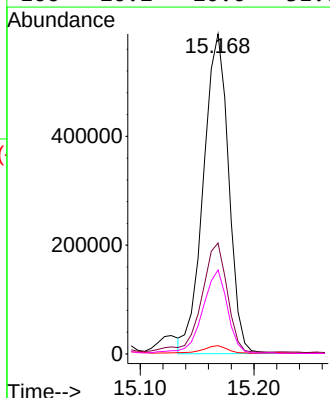
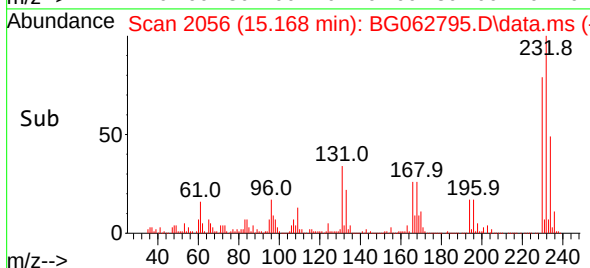
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

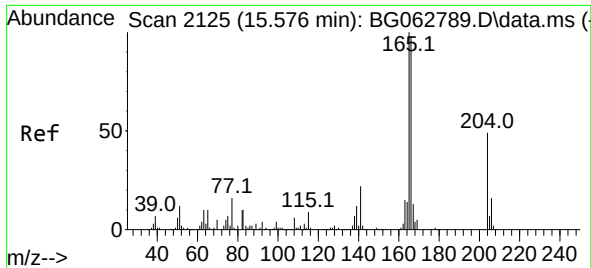


#58
2,3,4,6-Tetrachlorophenol
Concen: 191.371 ng/ul
RT: 15.168 min Scan# 2056
Delta R.T. 0.013 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38



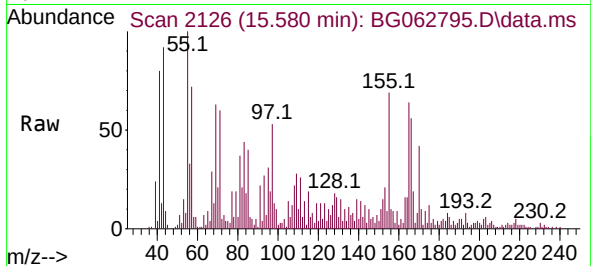
Tgt Ion:232 Resp: 906528
Ion Ratio Lower Upper
232 100
131 34.7 26.6 40.0
130 2.6 1.6 2.4#
166 26.2 20.6 31.0





#61
Fluorene
Concen: 1.523 ng/ul
RT: 15.580 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38

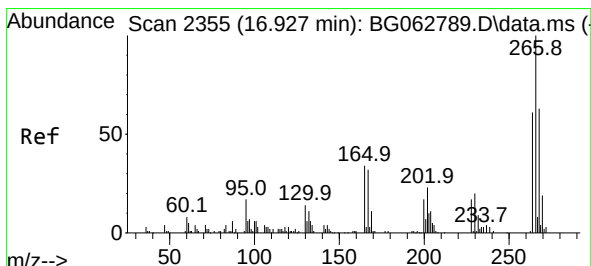
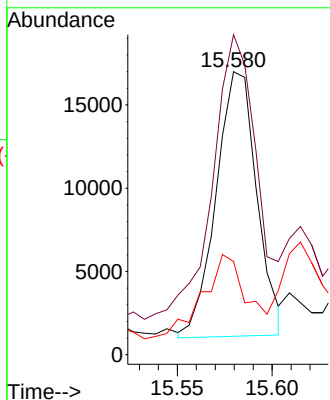
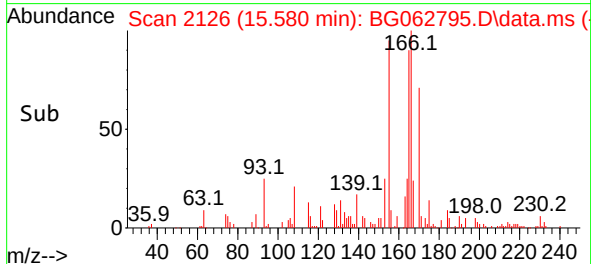
Instrument :
BNA_G
ClientSampleId :
DDC61



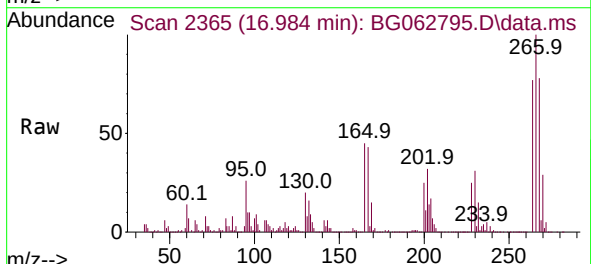
Tgt Ion:166 Resp: 23774
Ion Ratio Lower Upper
166 100
165 113.0 80.9 121.3
167 32.9 10.9 16.3

Manual Integrations
APPROVED

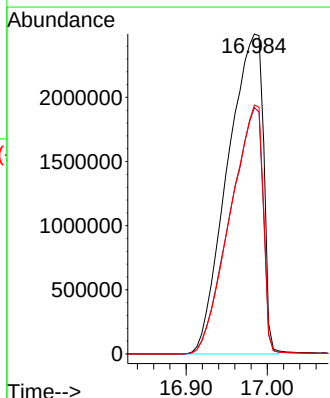
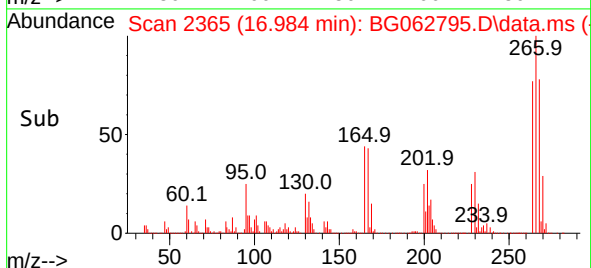
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

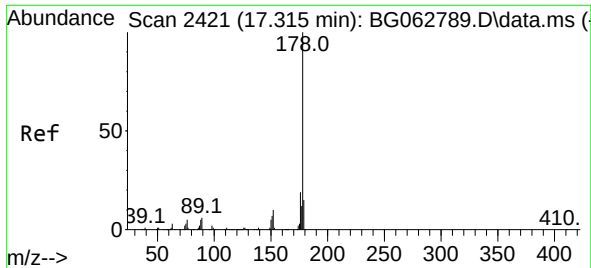


#71
Pentachlorophenol
Concen: 2000.357 ng/ul
RT: 16.984 min Scan# 2365
Delta R.T. 0.054 min
Lab File: BG062795.D
Acq: 13 Sep 2024 19:38



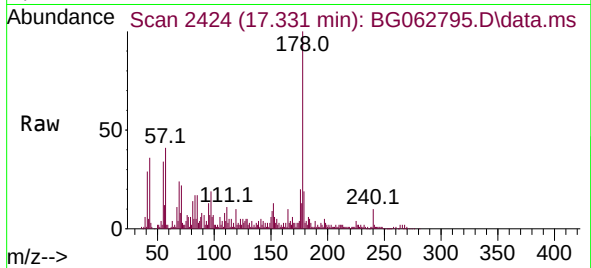
Tgt Ion:266 Resp: 7602001
Ion Ratio Lower Upper
266 100
264 77.0 48.6 72.8#
268 77.8 49.5 74.3#





#72
 Phenanthrene
 Concen: 4.376 ng/ul
 RT: 17.331 min Scan# 2421
 Delta R.T. 0.007 min
 Lab File: BG062795.D
 Acq: 13 Sep 2024 19:38

Instrument :
 BNA_G
 ClientSampleId :
 DDC61



Tgt Ion:178 Resp: 110060
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.1 18.1
 176 19.5 14.9 22.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

