

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062797.D
 Acq On : 13 Sep 2024 20:57
 Operator : JU/RC
 Sample : P3898-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC90

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 00:47:41 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)

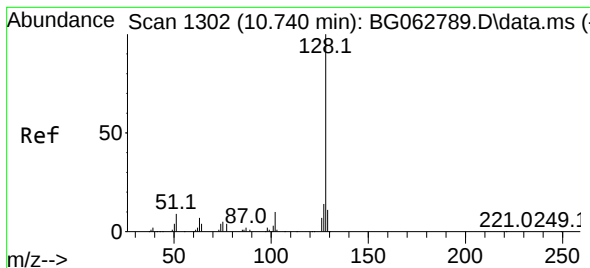
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	62228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	220276	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.535	164	216389	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.308	188	475077	20.000	ng/u1	0.03
79) Chrysene-d12	21.526	240	488828	20.000	ng/u1	0.00
88) Perylene-d12	24.588	264	551485	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	4703	3.416	ng/uL	0.00
4) Pyridine-d5	3.771	84	63280	14.441	ng/u1	0.00
7) Phenol-d5	7.096	99	116731	21.392	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.237	67	81154	24.806	ng/u1	0.00
11) 2-Chlorophenol-d4	7.449	132	79908	20.104	ng/u1	0.01
15) 4-Methylphenol-d8	8.636	113	83083	18.271	ng/u1	0.03
21) Nitrobenzene-d5	9.065	128	46986	29.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	47904	27.822	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	102530	27.344	ng/u1	0.03
31) 4-Chloroaniline-d4	10.815	131	69641	13.512	ng/u1	-0.02
46) Dimethylphthalate-d6	13.941	166	325916	19.559	ng/u1	0.00
49) Acenaphthylene-d8	14.229	160	381691	20.624	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	52868	18.676	ng/u1	0.00
60) Fluorene-d10	15.533	176	294269	19.597	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	60028	21.966	ng/u1	0.00
73) Anthracene-d10	17.402	188	466187	20.793	ng/u1	0.03
81) Pyrene-d10	19.670	212	562054	20.433	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.376	264	606288	20.820	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.751	128	352489	29.845	ng/u1	99
36) 2-Methylnaphthalene	12.361	142	690406	79.204	ng/u1	96
37) 1-Methylnaphthalene	12.584	142	416176	46.610	ng/u1	100
41) 2,4,6-Trichlorophenol	12.978	196	12457	2.765	ng/u1	96
42) 2,4,5-Trichlorophenol	13.054	196	9461m	1.956	ng/u1	
43) 1,1'-Biphenyl	13.365	154	50411	3.313	ng/u1#	85
52) Acenaphthene	14.599	153	60358	4.361	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.181	232	1940105	395.713	ng/u1	98
61) Fluorene	15.586	166	83100	5.145	ng/u1#	97
71) Pentachlorophenol	17.020	266	15923207m	4265.052	ng/u1	
72) Phenanthrene	17.349	178	384519	15.564	ng/u1	97
82) Pyrene	19.699	202	36777	1.121	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.421	149	16403	1.144	ng/u1#	81

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

Manual Integrations

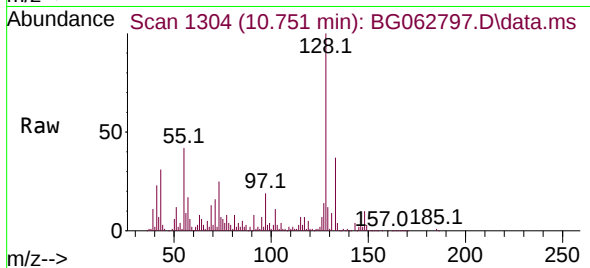
Quant Time: Sep 14 00:47:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 29.845 ng/ul
RT: 10.751 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57

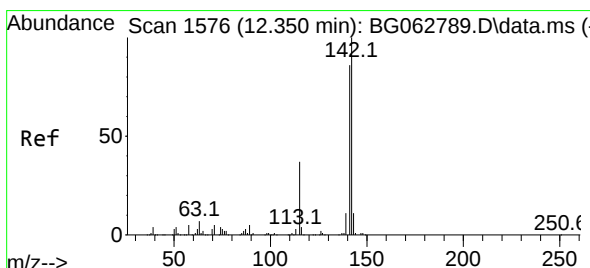
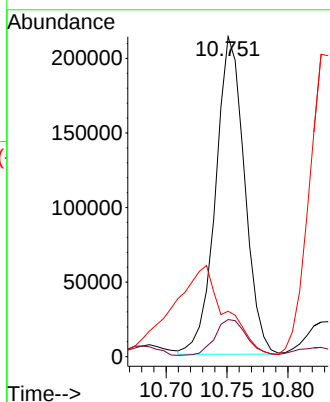
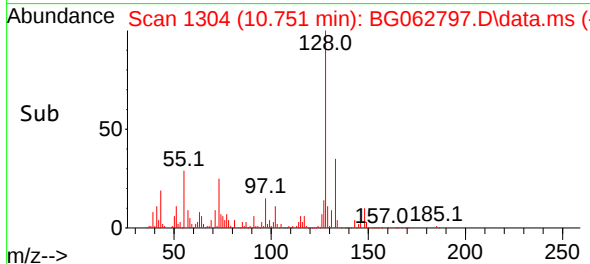
Instrument :
BNA_G
ClientSampleId :
DDC90



Tgt Ion:128 Resp: 352489
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.2 10.7 16.1

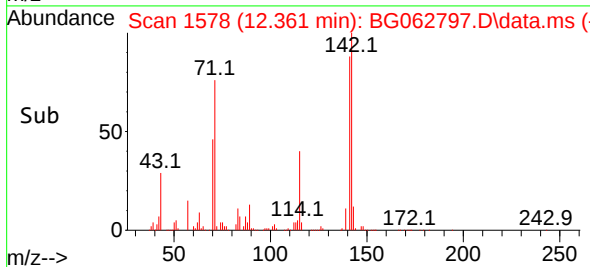
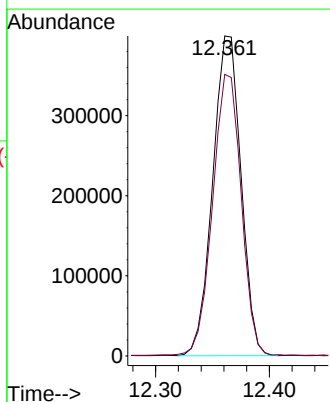
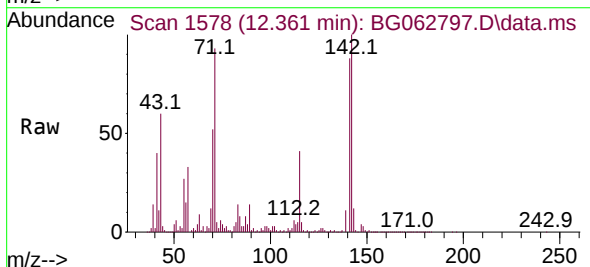
Manual Integrations
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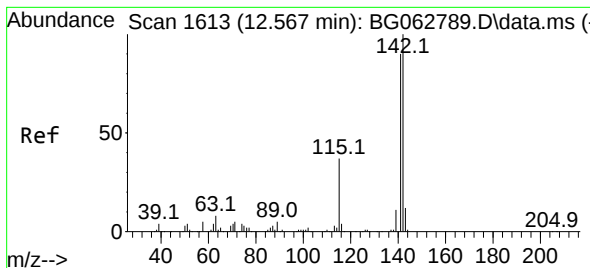
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 79.204 ng/ul
RT: 12.361 min Scan# 1578
Delta R.T. 0.002 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57

Tgt Ion:142 Resp: 690406
Ion Ratio Lower Upper
142 100
141 88.0 73.4 110.2





#37

1-Methylnaphthalene

Concen: 46.610 ng/ul

RT: 12.584 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG062797.D

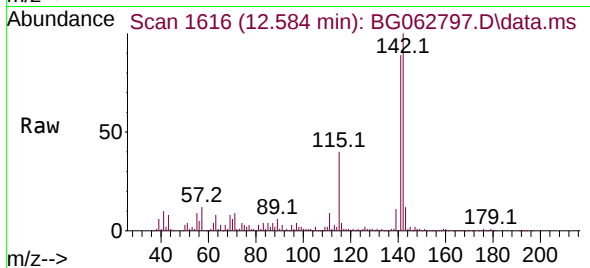
Acq: 13 Sep 2024 20:57

Instrument :

BNA_G

ClientSampleId :

DDC90



Tgt Ion:142 Resp: 416170

Ion Ratio Lower Upper

142 100

141 89.3 71.1 106.7

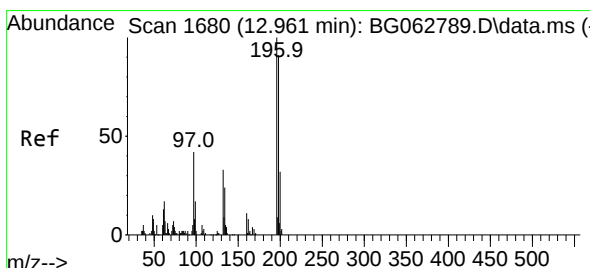
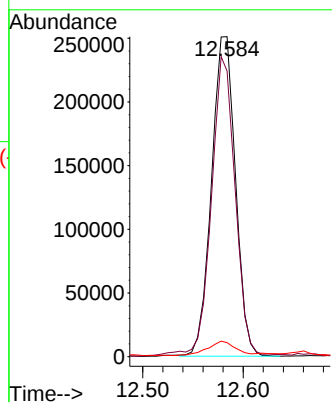
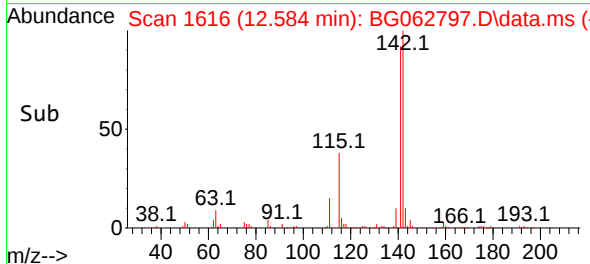
116 4.4 3.0 4.6

Manual Integrations

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Supervised By :mohammad ahmed 09/17/2024



#41

2,4,6-Trichlorophenol

Concen: 2.765 ng/ul

RT: 12.978 min Scan# 1683

Delta R.T. 0.014 min

Lab File: BG062797.D

Acq: 13 Sep 2024 20:57

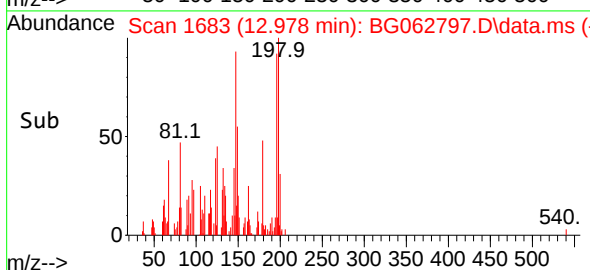
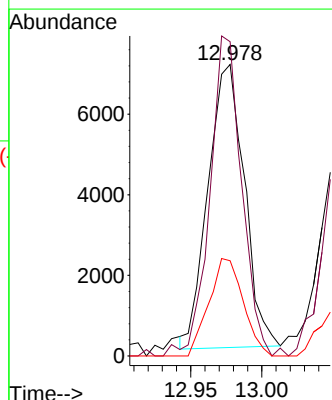
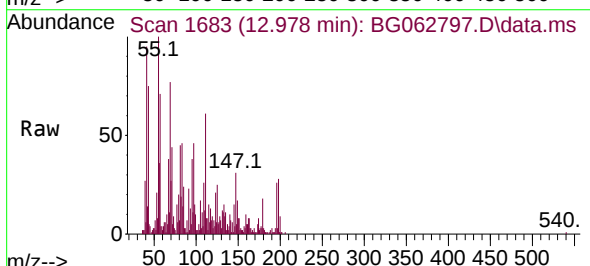
Tgt Ion:196 Resp: 12457

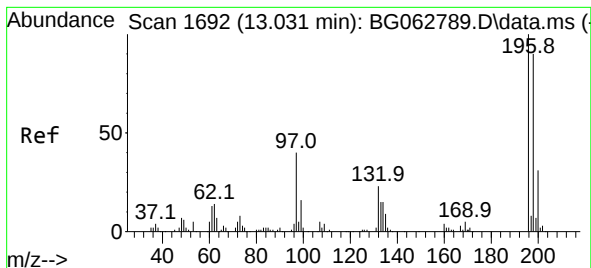
Ion Ratio Lower Upper

196 100

198 98.4 76.2 114.4

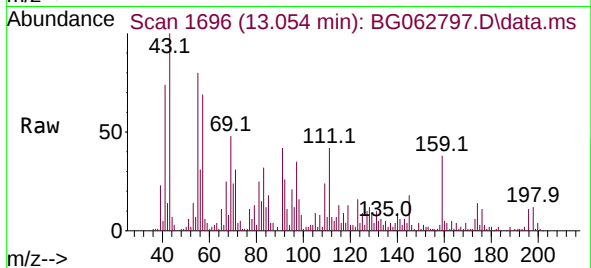
200 29.8 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 1.956 ng/ul m
RT: 13.054 min Scan# 1
Delta R.T. 0.014 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57

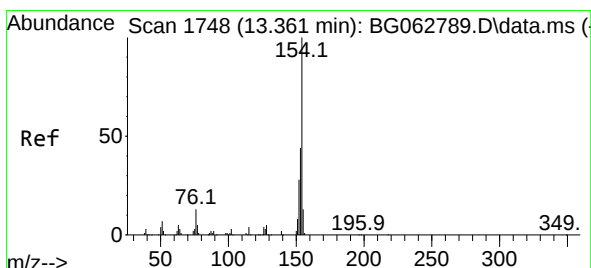
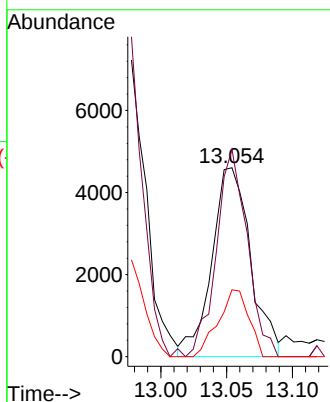
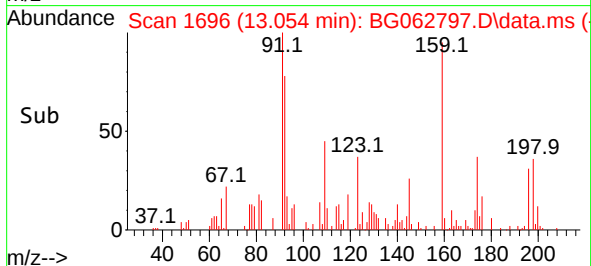
Instrument :
BNA_G
ClientSampleId :
DDC90



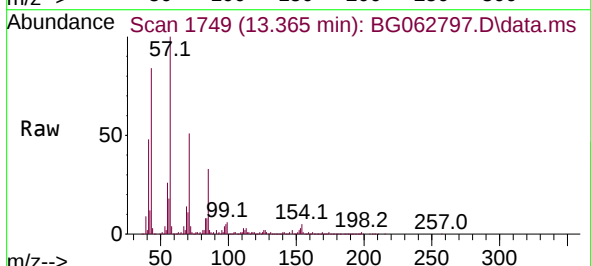
Tgt Ion:196 Resp: 946
Ion Ratio Lower Upper
196 100
198 109.7 71.2 106.8
200 35.4 24.6 37.0

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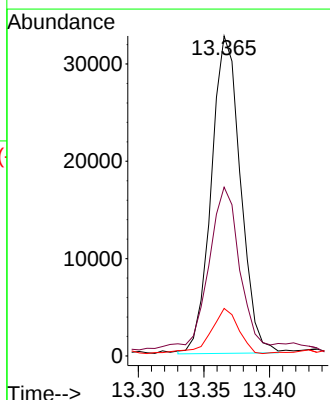
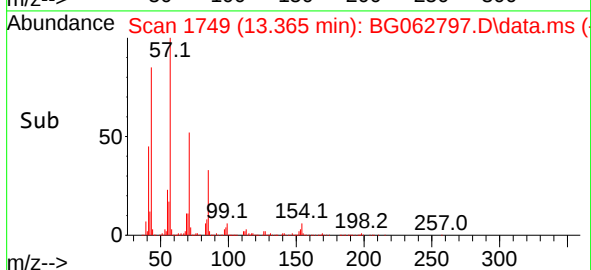
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

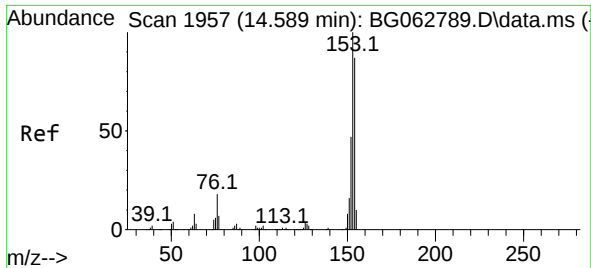


#43
1,1'-Biphenyl
Concen: 3.313 ng/ul
RT: 13.365 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57



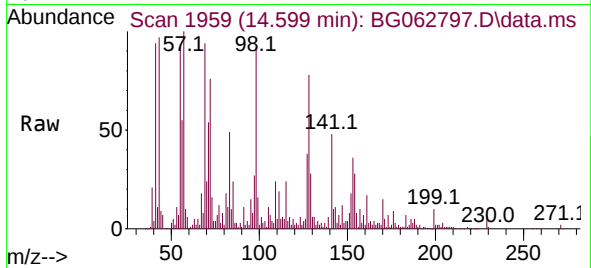
Tgt Ion:154 Resp: 50411
Ion Ratio Lower Upper
154 100
153 52.8 33.4 50.0#
76 14.8 10.1 15.1





#52
Acenaphthene
Concen: 4.361 ng/ul
RT: 14.599 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57

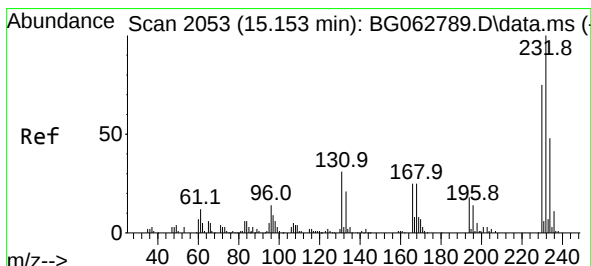
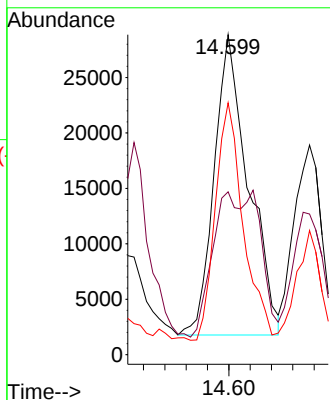
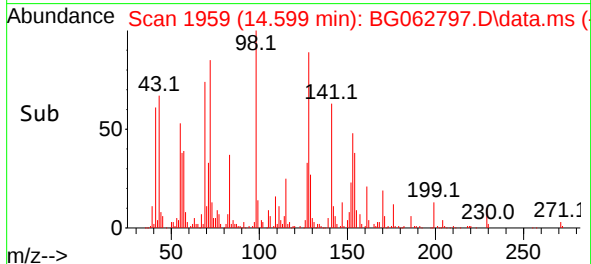
Instrument :
BNA_G
ClientSampleId :
DDC90



Tgt Ion:153 Resp: 60358
Ion Ratio Lower Upper
153 100
152 50.9 37.2 55.8
154 78.7 67.8 101.6

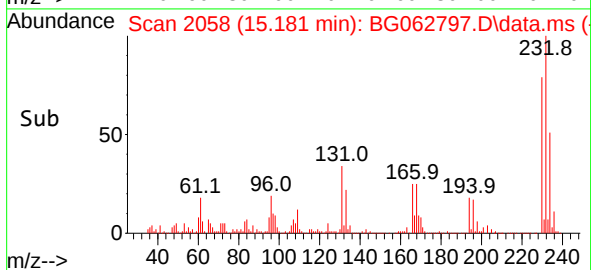
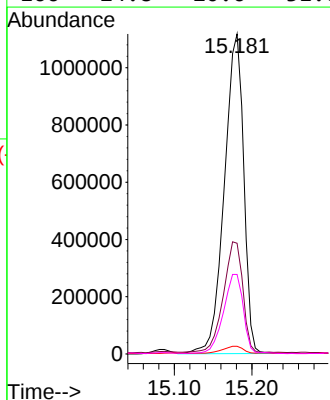
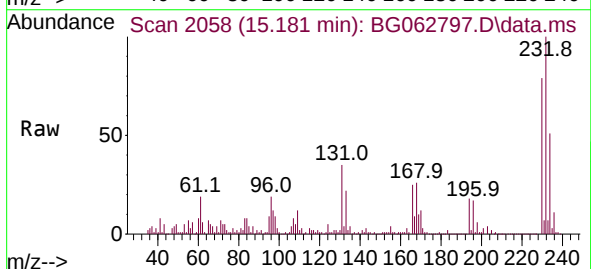
Manual Integrations
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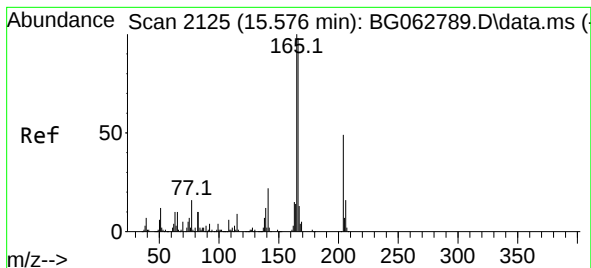
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 395.713 ng/ul
RT: 15.181 min Scan# 2058
Delta R.T. 0.025 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57

Tgt Ion:232 Resp: 1940105
Ion Ratio Lower Upper
232 100
131 34.6 26.6 40.0
130 2.4 1.6 2.4
166 24.8 20.6 31.0





#61

Fluorene

Concen: 5.145 ng/ul

RT: 15.586 min Scan# 2125

Delta R.T. 0.008 min

Lab File: BG062797.D

Acq: 13 Sep 2024 20:57

Instrument :

BNA_G

ClientSampleId :

DDC90

Tgt Ion:166 Resp: 83100

Ion Ratio Lower Upper

166 100

165 100.3 80.9 121.3

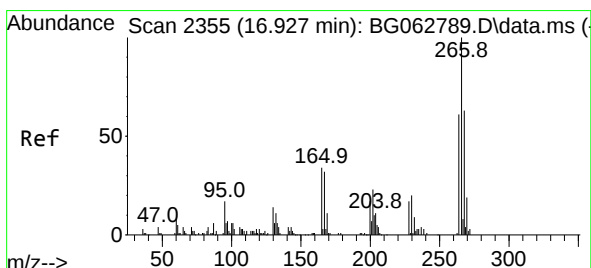
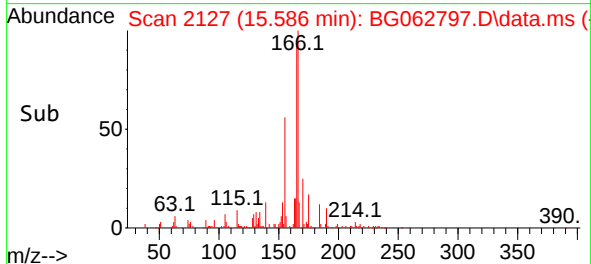
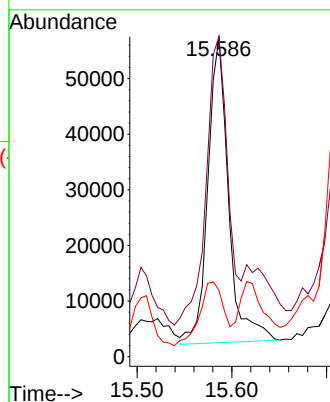
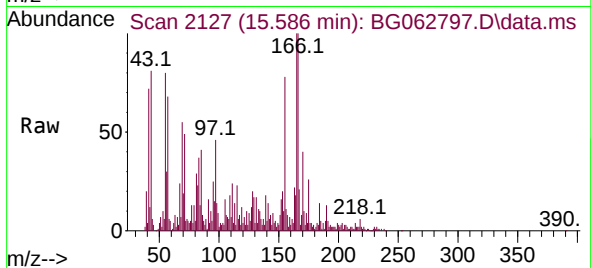
167 20.9 10.9 16.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#71

Pentachlorophenol

Concen: 4265.052 ng/ul m

RT: 17.020 min Scan# 2371

Delta R.T. 0.090 min

Lab File: BG062797.D

Acq: 13 Sep 2024 20:57

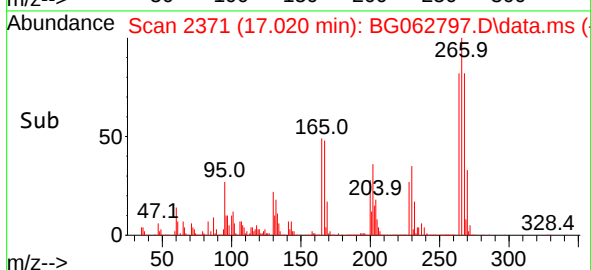
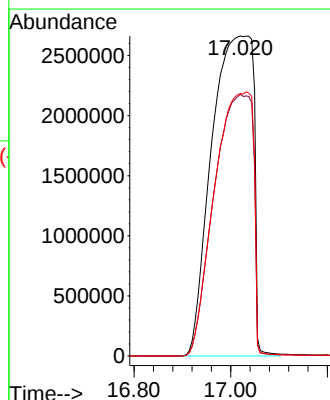
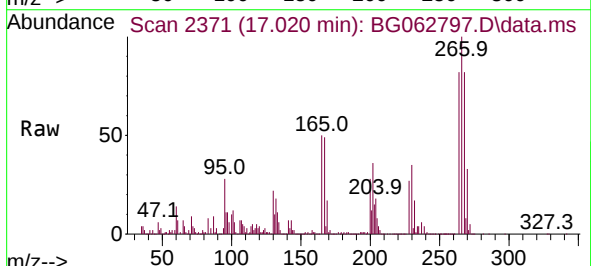
Tgt Ion:266 Resp:15923207

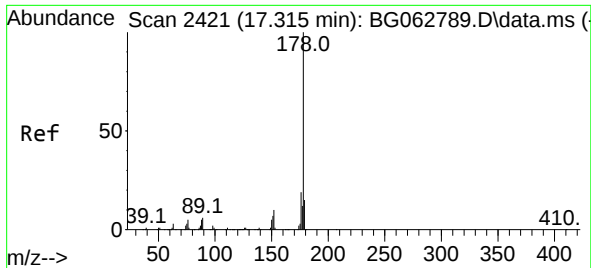
Ion Ratio Lower Upper

266 100

264 81.7 48.6 72.8#

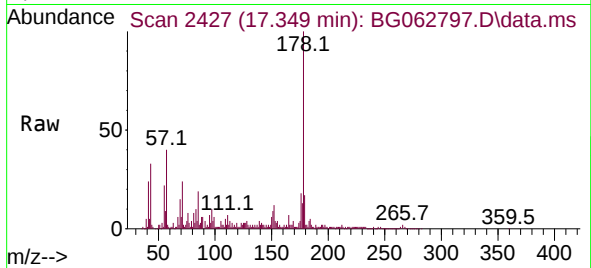
268 82.0 49.5 74.3#





#72
Phenanthrene
Concen: 15.564 ng/ul
RT: 17.349 min Scan# 2421
Delta R.T. 0.025 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57

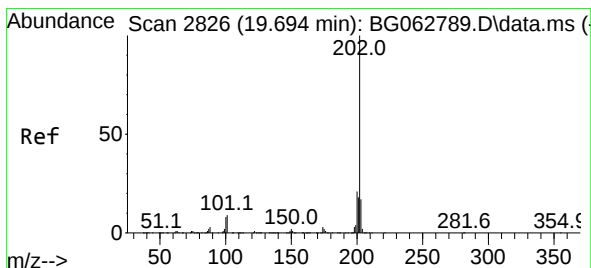
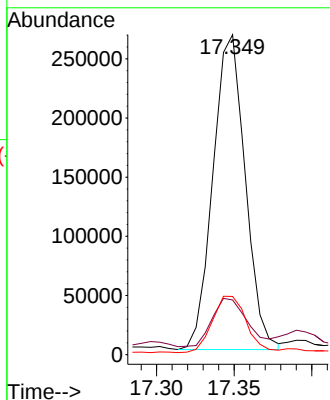
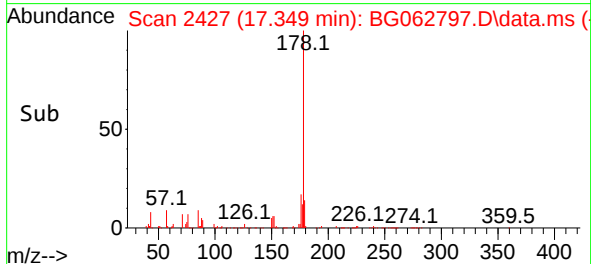
Instrument :
BNA_G
ClientSampleId :
DDC90



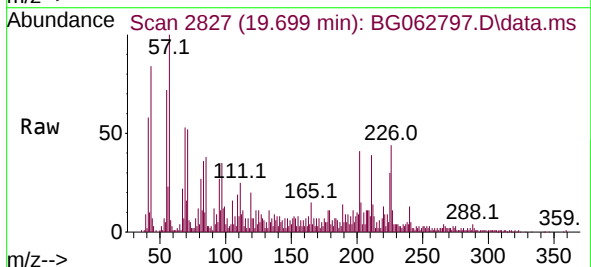
Tgt Ion:178 Resp: 384519
Ion Ratio Lower Upper
178 100
179 17.1 12.1 18.1
176 18.2 14.9 22.3

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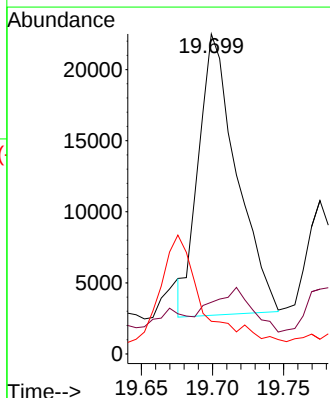
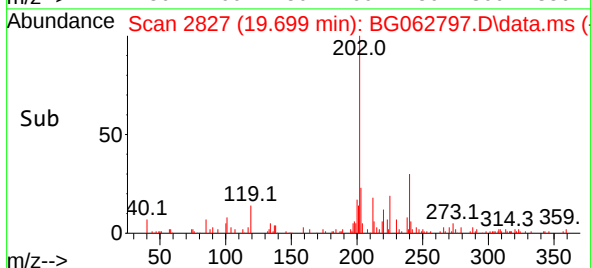
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

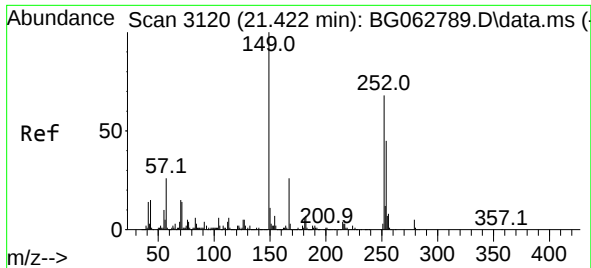


#82
Pyrene
Concen: 1.121 ng/ul
RT: 19.699 min Scan# 2827
Delta R.T. 0.002 min
Lab File: BG062797.D
Acq: 13 Sep 2024 20:57



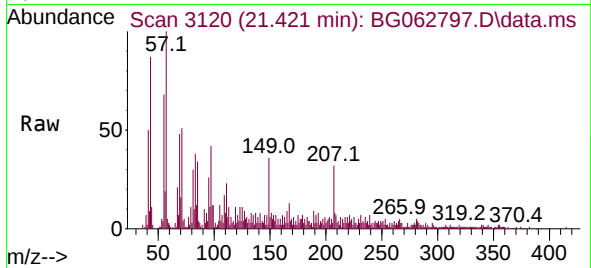
Tgt Ion:202 Resp: 36777
Ion Ratio Lower Upper
202 100
101 16.2 7.7 11.5#
100 10.2 6.5 9.7#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.144 ng/ul
 RT: 21.421 min Scan# 3120
 Delta R.T. -0.004 min
 Lab File: BG062797.D
 Acq: 13 Sep 2024 20:57

Instrument :
 BNA_G
 ClientSampleId :
 DDC90



Tgt Ion:	149	Resp:	1640
Ion Ratio	Lower	Upper	
149	100		
167	37.0	21.3	31.9
279	8.2	3.8	5.6

Manual Integrations
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