

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062798.D
 Acq On : 13 Sep 2024 21:36
 Operator : JU/RC
 Sample : P3898-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC59

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 01:03:14 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	7.917	152	51402	20.000	ng/ul	0.01
20) Naphthalene-d8	10.714	136	207779	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.551	164	203546	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.341	188	416312m	20.000	ng/ul	0.06
79) Chrysene-d12	21.531	240	448238	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	513301	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3032	2.666	ng/uL	0.00
4) Pyridine-d5	3.781	84	9663	2.670	ng/ul	0.01
7) Phenol-d5	7.118	99	83808	18.594	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.241	67	128818	47.669	ng/ul	0.00
11) 2-Chlorophenol-d4	7.465	132	54557	16.617	ng/ul	0.03
15) 4-Methylphenol-d8	8.640	113	41098	10.942	ng/ul	0.03
21) Nitrobenzene-d5	9.075	128	20446m	13.768	ng/ul	0.02
24) 2-Nitrophenol-d4	9.791	143	33631	20.707	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.361	165	72043	20.369	ng/ul	0.04
31) 4-Chloroaniline-d4	10.825	131	194297	39.965	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	213719	13.635	ng/ul	0.01
49) Acenaphthylene-d8	14.245	160	253940	14.587	ng/ul	0.02
54) 4-Nitrophenol-d4	14.774	143	76400	28.692	ng/ul	0.04
60) Fluorene-d10	15.549	176	203494	14.407	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.667	200	38623	16.128	ng/ul	0.02
73) Anthracene-d10	17.430	188	310613m	15.809	ng/ul	0.05
81) Pyrene-d10	19.680	212	333749	13.232	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.386	264	294745	10.875	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.767	128	1102717	98.981	ng/ul	98
36) 2-Methylnaphthalene	12.382	142	1485482	180.665	ng/ul	97
37) 1-Methylnaphthalene	12.600	142	1023745	121.551	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.005	196	36804	8.683	ng/ul	94
42) 2,4,5-Trichlorophenol	13.088	196	31696	6.965	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	182116	12.723	ng/ul#	88
52) Acenaphthene	14.609	153	67912	5.217	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.214	232	4673124	1013.294	ng/ul#	95
61) Fluorene	15.602	166	157078	10.339	ng/ul#	92
71) Pentachlorophenol	17.036	266	24243107m	7410.152	ng/ul	
72) Phenanthrene	17.377	178	627295	28.975	ng/ul	97
80) Fluoranthene	19.351	202	44453	1.591	ng/ul#	53
82) Pyrene	19.709	202	63861	2.124	ng/ul#	72
86) Bis(2-ethylhexyl)phtha...	21.425	149	58942	4.484	ng/ul#	79

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

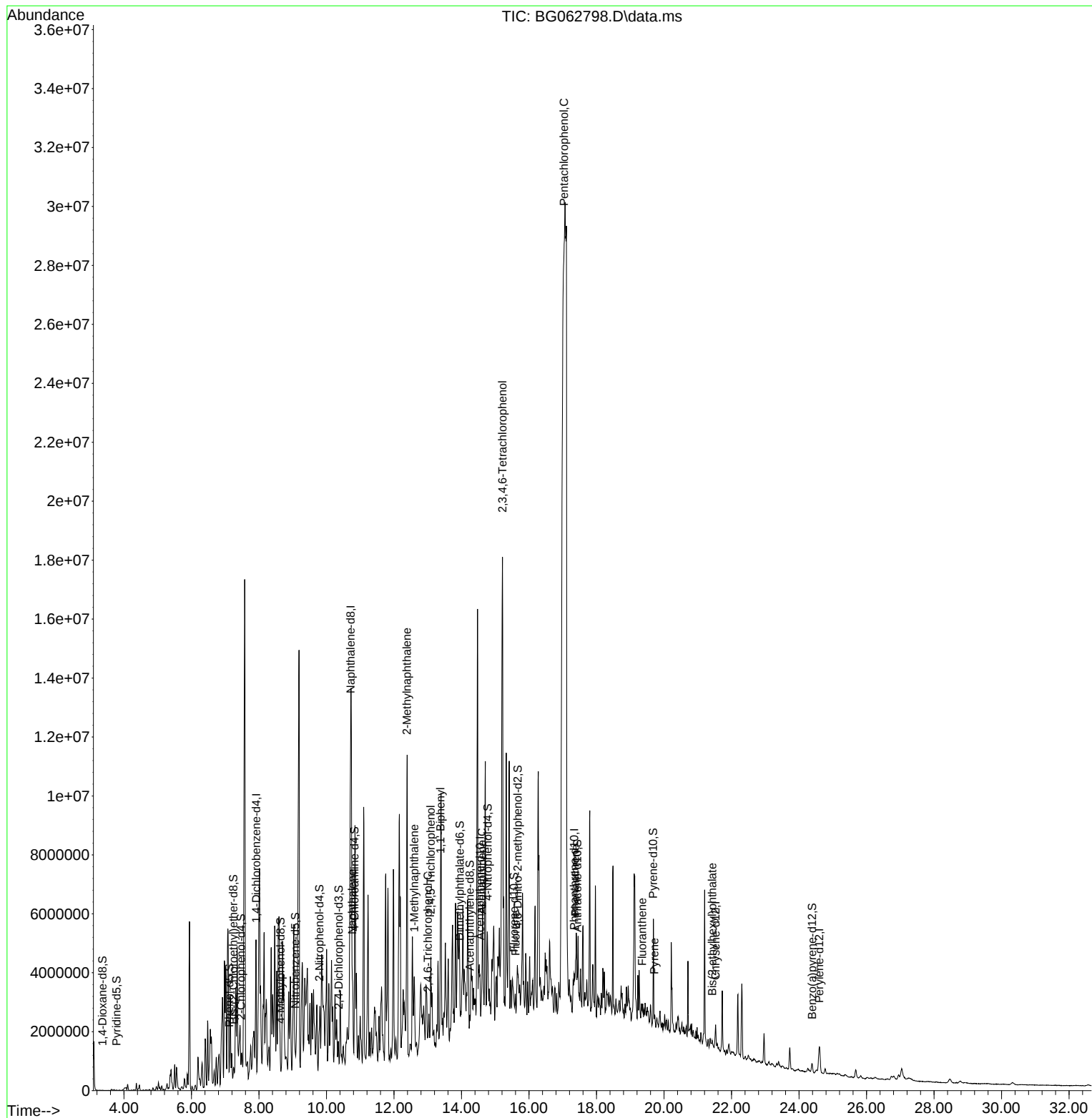
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062798.D
Acq On : 13 Sep 2024 21:36
Operator : JU/RC
Sample : P3898-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

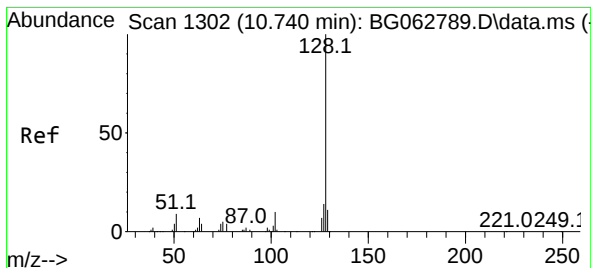
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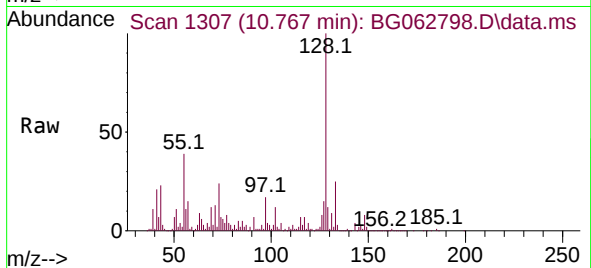
Quant Time: Sep 14 01:03:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 98.981 ng/ul
RT: 10.767 min Scan# 110271
Delta R.T. 0.018 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36

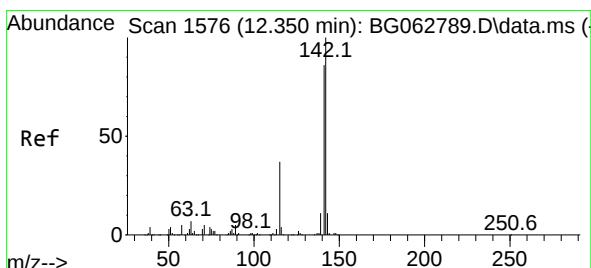
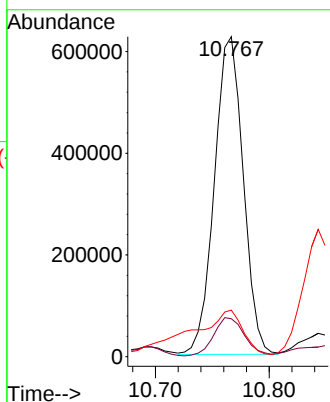
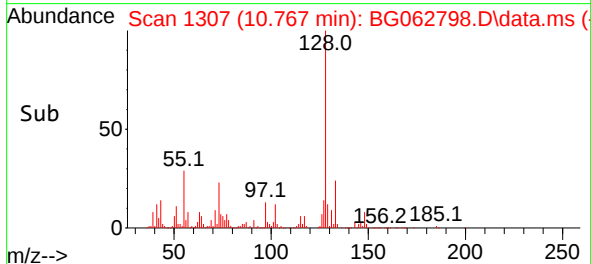
Instrument :
BNA_G
ClientSampleId :
DDC59



Tgt Ion:128 Resp: 110271
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.5 10.7 16.1

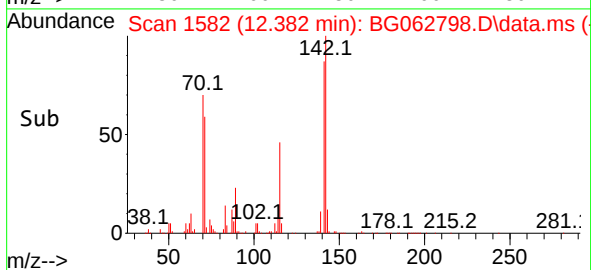
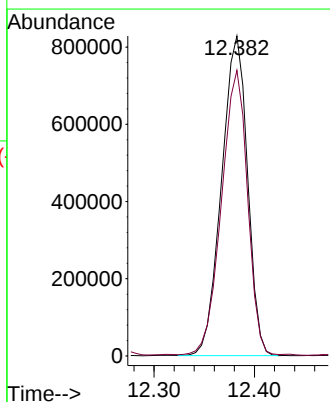
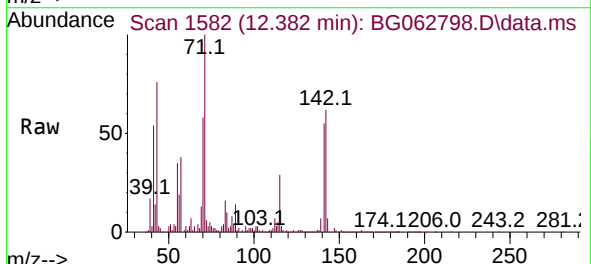
Manual Integrations
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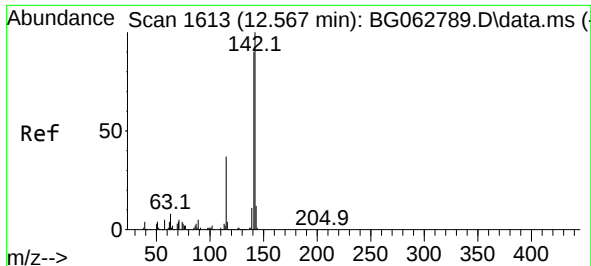
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 180.665 ng/ul
RT: 12.382 min Scan# 1582
Delta R.T. 0.024 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36

Tgt Ion:142 Resp: 1485482
Ion Ratio Lower Upper
142 100
141 89.3 73.4 110.2





#37

1-Methylnaphthalene

Concen: 121.551 ng/ul

RT: 12.600 min Scan# 1

Delta R.T. 0.024 min

Lab File: BG062798.D

Acq: 13 Sep 2024 21:36

Instrument :

BNA_G

ClientSampleId :

DDC59

Tgt Ion:142 Resp: 102374

Ion Ratio Lower Upper

142 100

141 92.6 71.1 106.7

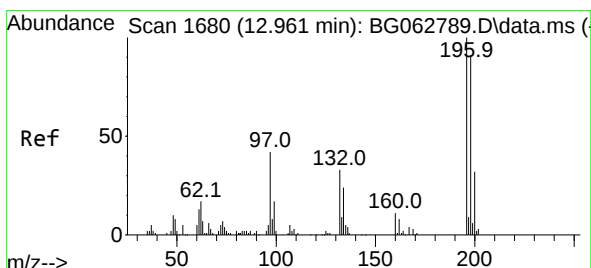
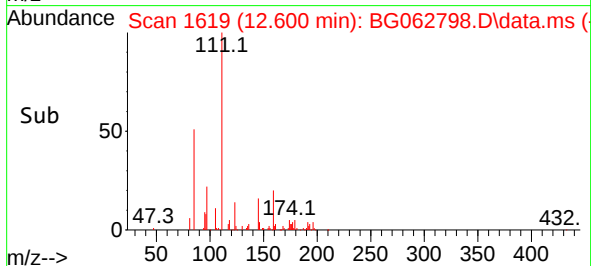
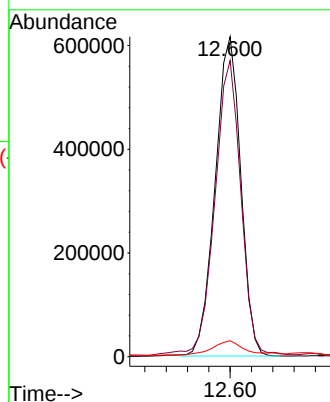
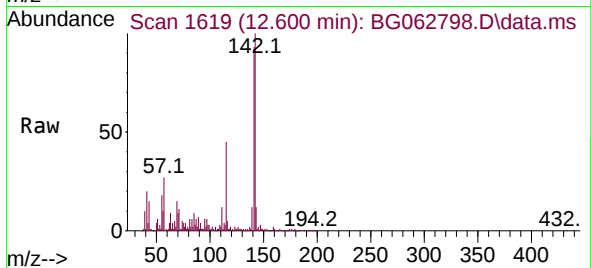
116 5.0 3.0 4.6

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#41

2,4,6-Trichlorophenol

Concen: 8.683 ng/ul

RT: 13.005 min Scan# 1688

Delta R.T. 0.041 min

Lab File: BG062798.D

Acq: 13 Sep 2024 21:36

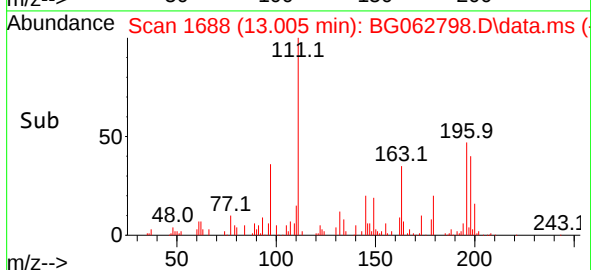
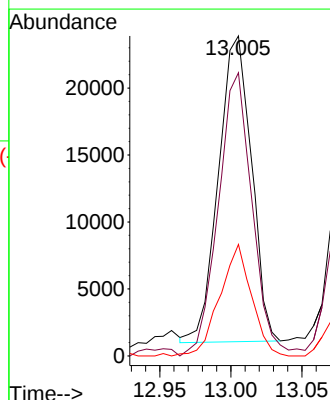
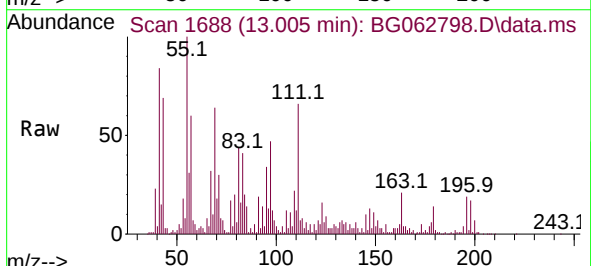
Tgt Ion:196 Resp: 36804

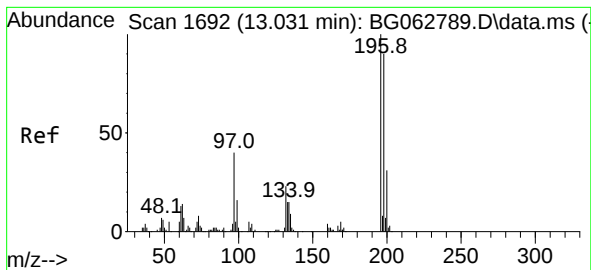
Ion Ratio Lower Upper

196 100

198 88.5 76.2 114.4

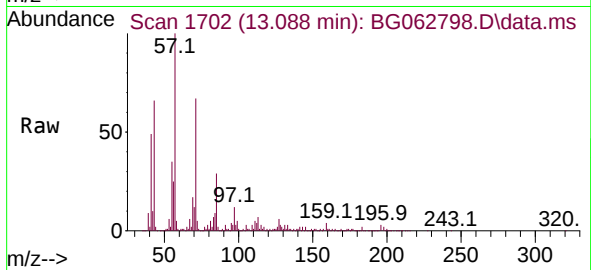
200 34.8 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 6.965 ng/ul
RT: 13.088 min Scan# 1702
Delta R.T. 0.047 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36

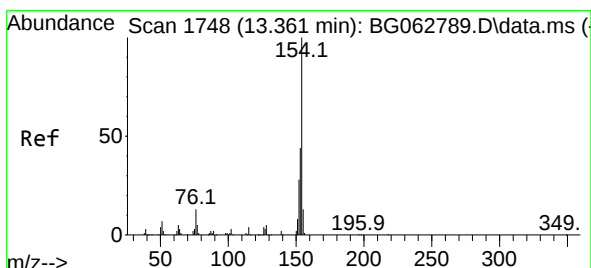
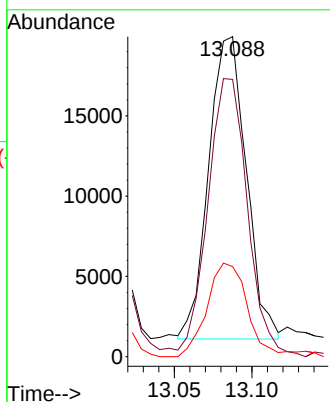
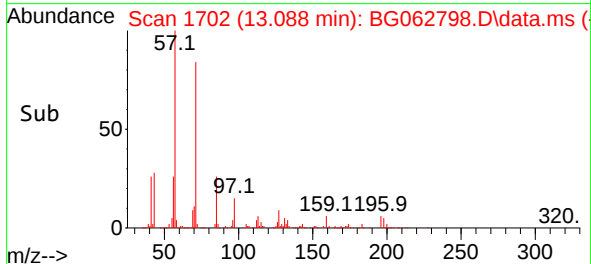
Instrument :
BNA_G
ClientSampleId :
DDC59



Tgt Ion:196 Resp: 31690
Ion Ratio Lower Upper
196 100
198 86.6 71.2 106.8
200 28.2 24.6 37.0

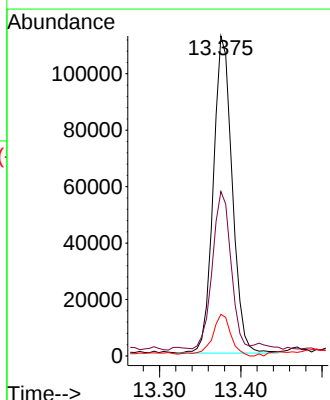
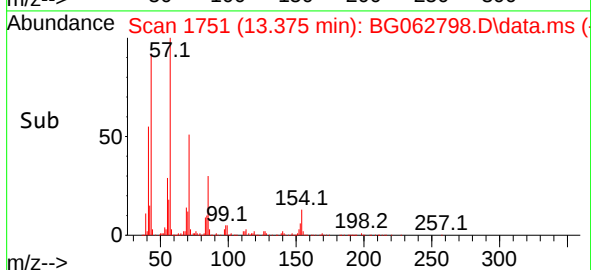
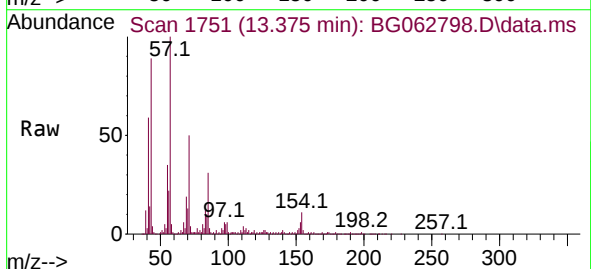
Manual Integrations
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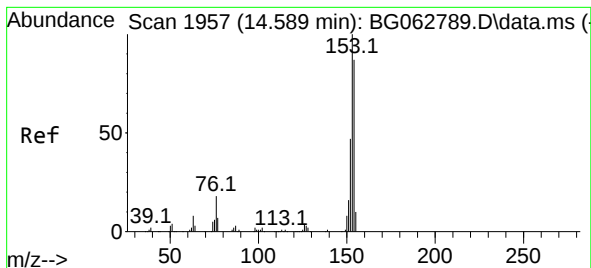
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#43
1,1'-Biphenyl
Concen: 12.723 ng/ul
RT: 13.375 min Scan# 1751
Delta R.T. 0.012 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36

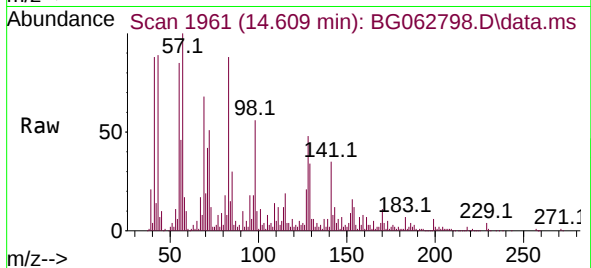
Tgt Ion:154 Resp: 182116
Ion Ratio Lower Upper
154 100
153 51.4 33.4 50.0#
76 13.0 10.1 15.1





#52
Acenaphthene
Concen: 5.217 ng/ul
RT: 14.609 min Scan# 1957
Delta R.T. 0.012 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36

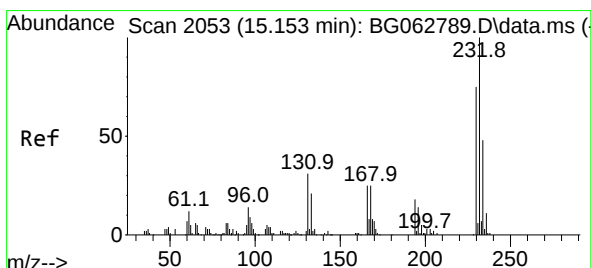
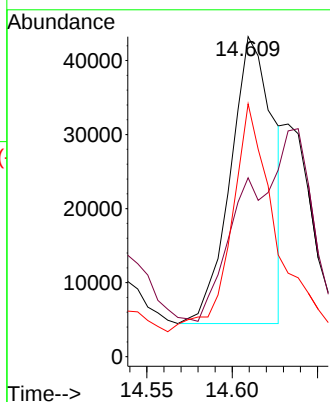
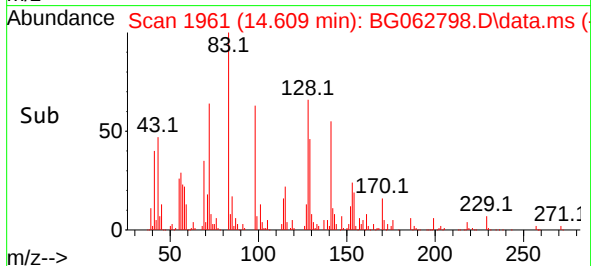
Instrument :
BNA_G
ClientSampleId :
DDC59



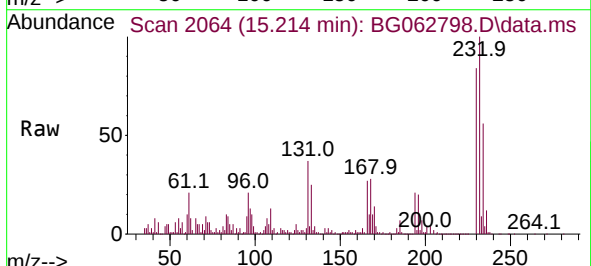
Tgt Ion:153 Resp: 67912
Ion Ratio Lower Upper
153 100
152 55.9 37.2 55.8
154 79.0 67.8 101.6

Manual Integrations
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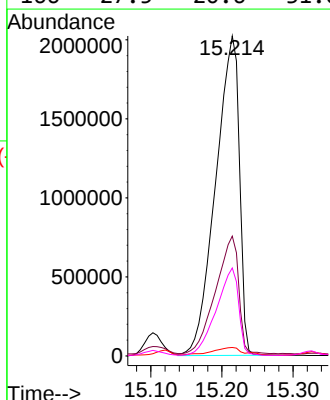
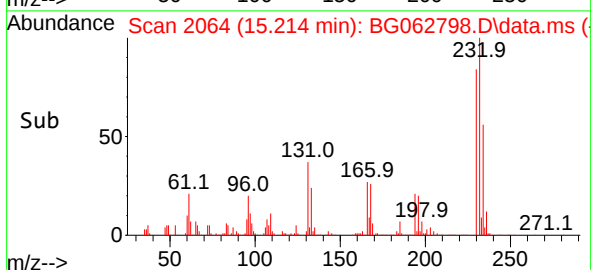
Reviewed By :Yogesh Patel 09/16/2024
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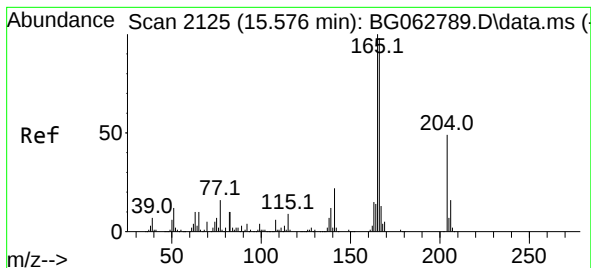


#58
2,3,4,6-Tetrachlorophenol
Concen: 1013.294 ng/ul
RT: 15.214 min Scan# 2064
Delta R.T. 0.059 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36



Tgt Ion:232 Resp: 4673124
Ion Ratio Lower Upper
232 100
131 37.5 26.6 40.0
130 2.6 1.6 2.4
166 27.5 20.6 31.0





#61

Fluorene

Concen: 10.339 ng/ul

RT: 15.602 min Scan# 2130

Delta R.T. 0.024 min

Lab File: BG062798.D

Acq: 13 Sep 2024 21:36

Instrument :

BNA_G

ClientSampleId :

DDC59

Tgt Ion:166 Resp: 157078

Ion Ratio Lower Upper

166 100

165 106.1 80.9 121.3

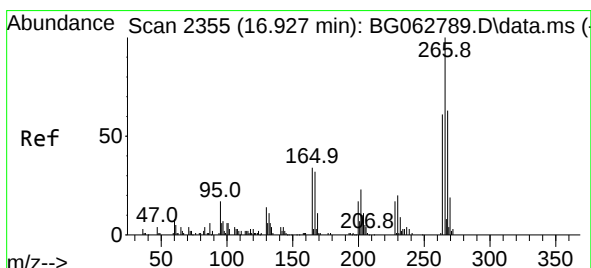
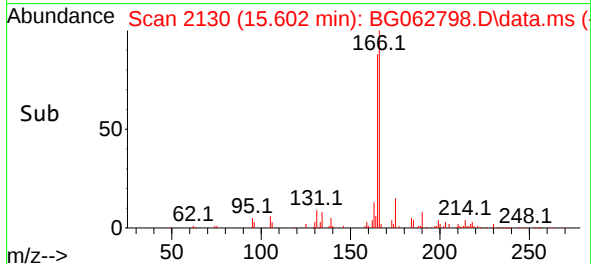
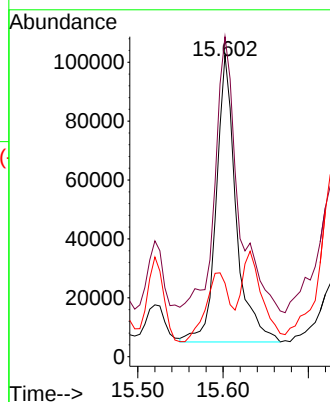
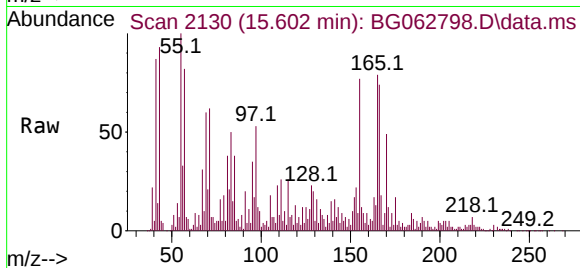
167 24.3 10.9 16.3

Manual Integrations

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#71

Pentachlorophenol

Concen: 7410.152 ng/ul m

RT: 17.036 min Scan# 2374

Delta R.T. 0.106 min

Lab File: BG062798.D

Acq: 13 Sep 2024 21:36

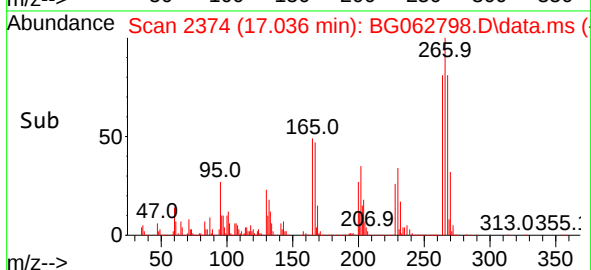
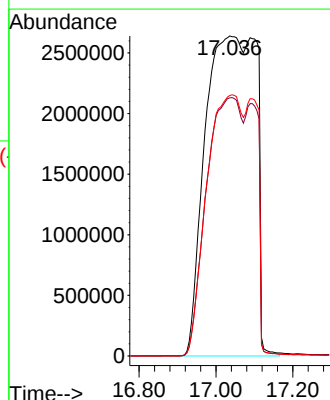
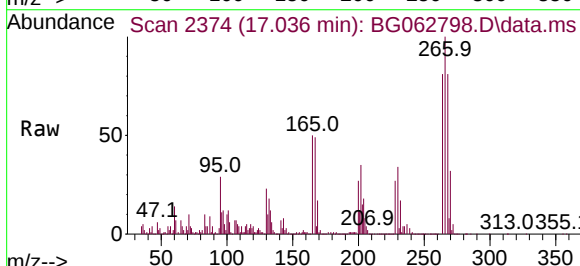
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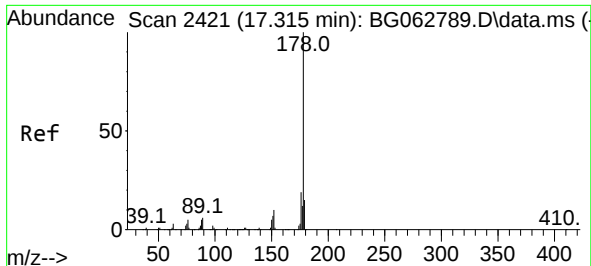
Ion Ratio Lower Upper

266 100

264 80.6 48.6 72.8#

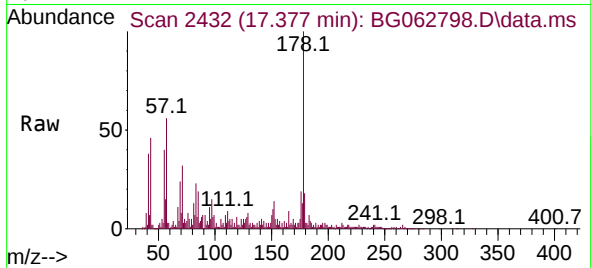
268 81.4 49.5 74.3#





#72
Phenanthrene
Concen: 28.975 ng/u1
RT: 17.377 min Scan# 2421
Delta R.T. 0.053 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36

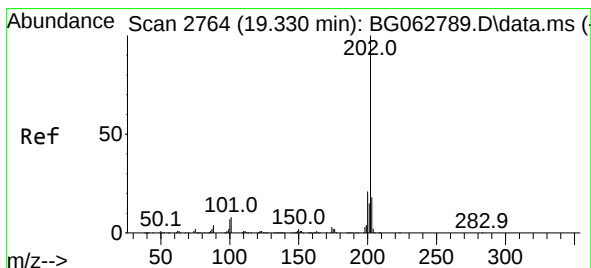
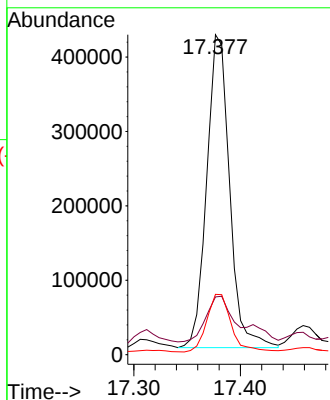
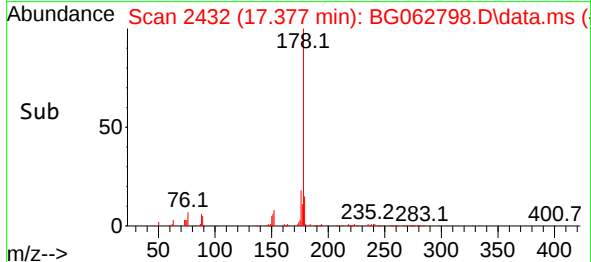
Instrument :
BNA_G
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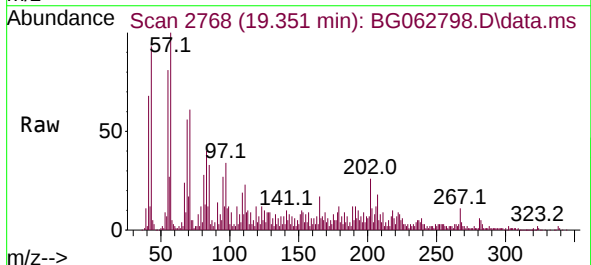
Tgt Ion:178 Resp: 627295
Ion Ratio Lower Upper
178 100
179 18.0 12.1 18.1
176 18.9 14.9 22.3

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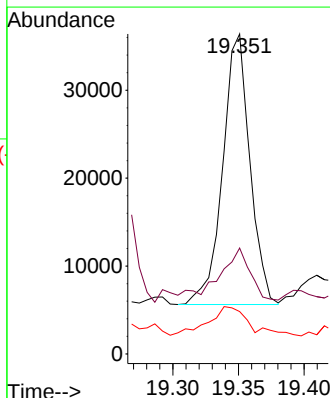
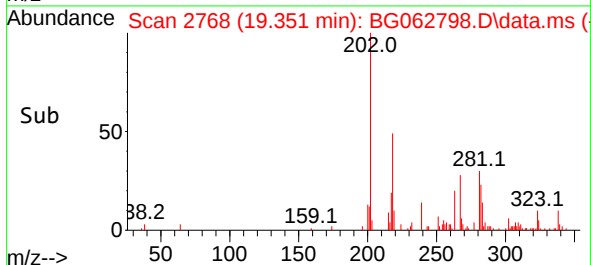
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

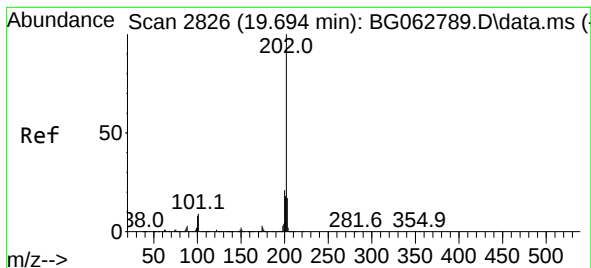


#80
Fluoranthene
Concen: 1.591 ng/u1
RT: 19.351 min Scan# 2768
Delta R.T. 0.018 min
Lab File: BG062798.D
Acq: 13 Sep 2024 21:36



Tgt Ion:202 Resp: 44453
Ion Ratio Lower Upper
202 100
101 33.1 6.6 10.0#
100 13.3 5.3 7.9#





#82

Pyrene

Concen: 2.124 ng/ul

RT: 19.709 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG062798.D

Acq: 13 Sep 2024 21:36

Instrument :

BNA_G

ClientSampleId :

DDC59

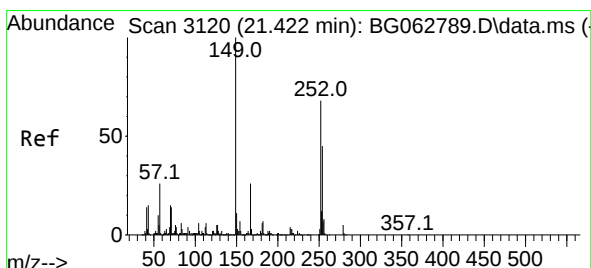
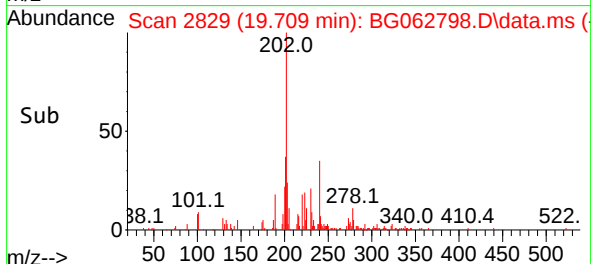
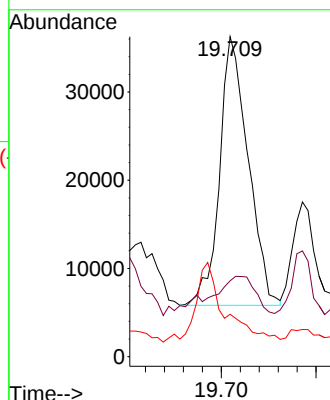
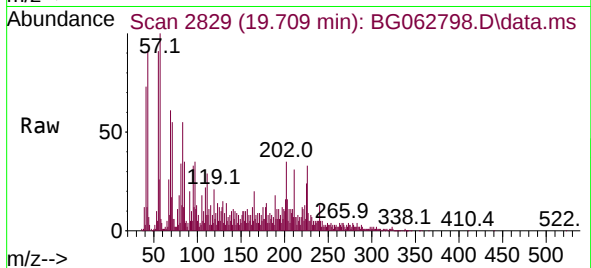
Tgt Ion:	202	Resp:	6386
Ion Ratio	Lower	Upper	
202	100		
101	23.7	7.7	11.5
100	13.3	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.484 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BG062798.D

Acq: 13 Sep 2024 21:36

Tgt Ion:	149	Resp:	58942
Ion Ratio	Lower	Upper	
149	100		
167	38.1	21.3	31.9#
279	8.2	3.8	5.6#

