

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062881.D
 Acq On : 16 Sep 2024 16:14
 Operator : JU/RC
 Sample : P3899-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC53

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 17:21:49 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	7.919	152	37759	20.000	ng/u1	0.01
20) Naphthalene-d8	10.710	136	130921	20.000	ng/u1 #	0.01
38) Acenaphthene-d10	14.546	164	116009	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.326	188	262974	20.000	ng/u1	0.05
79) Chrysene-d12	21.527	240	306111m	20.000	ng/u1	0.00
88) Perylene-d12	24.594	264	334341	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	1379	1.651	ng/uL	0.00
4) Pyridine-d5	3.771	84	4625	1.739	ng/u1	0.00
7) Phenol-d5	7.126	99	44006	13.291	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.243	67	36295	18.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.467	132	25382	10.524	ng/u1	0.03
15) 4-Methylphenol-d8	8.642	113	5076	1.840	ng/u1	0.03
21) Nitrobenzene-d5	9.071	128	8685	9.282	ng/u1	0.01
24) 2-Nitrophenol-d4	9.787	143	17277	16.883	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	30572	13.718	ng/u1	0.04
31) 4-Chloroaniline-d4	10.821	131	90837	29.653	ng/u1	0.00
46) Dimethylphthalate-d6	13.947	166	105187	11.774	ng/u1	0.00
49) Acenaphthylene-d8	14.235	160	111361	11.224	ng/u1	0.00
54) 4-Nitrophenol-d4	14.764	143	27103	17.859	ng/u1	0.03
60) Fluorene-d10	15.539	176	95068	11.809	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	3707	2.451	ng/u1	0.06
73) Anthracene-d10	17.414	188	145156	11.696	ng/u1	0.04
81) Pyrene-d10	19.676	212	186374m	10.820	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.382	264	145381	8.235	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.763	128	535115	76.230	ng/u1	97
36) 2-Methylnaphthalene	12.373	142	882764	170.390	ng/u1	97
37) 1-Methylnaphthalene	12.590	142	543845	102.479	ng/u1#	95
41) 2,4,6-Trichlorophenol	12.995	196	15761	6.524	ng/u1	90
42) 2,4,5-Trichlorophenol	13.078	196	15194	5.858	ng/u1	92
43) 1,1'-Biphenyl	13.371	154	91636	11.233	ng/u1#	83
52) Acenaphthene	14.605	153	38718	5.218	ng/u1	86
58) 2,3,4,6-Tetrachlorophenol	15.205	232	3008353	1144.532	ng/u1#	98
61) Fluorene	15.592	166	83743	9.671	ng/u1#	88
71) Pentachlorophenol	17.038	266	18186602m	8800.281	ng/u1	
72) Phenanthrene	17.367	178	450455	32.939	ng/u1#	96

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

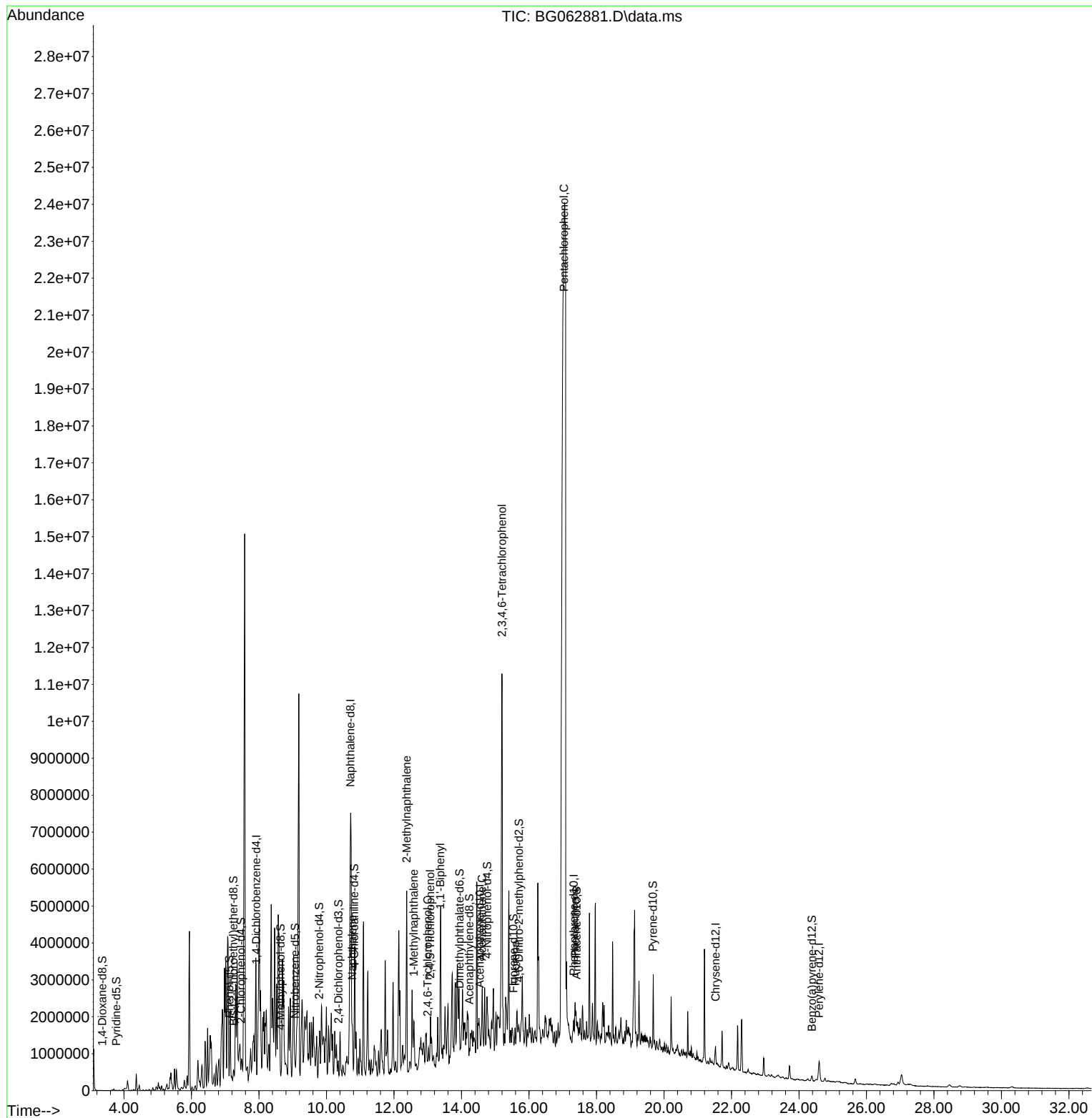
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062881.D
Acq On : 16 Sep 2024 16:14
Operator : JU/RC
Sample : P3899-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

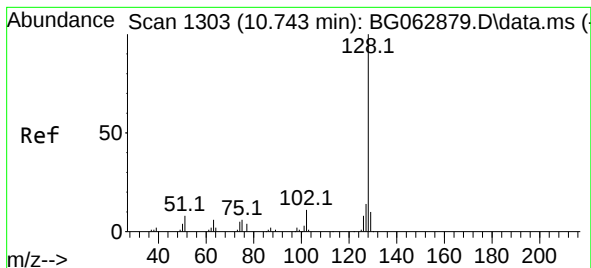
Instrument :
BNA_G
ClientSampleId :
DDC53

Quant Time: Sep 16 17:21:49 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

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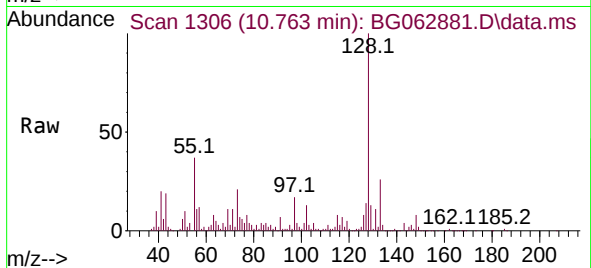
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024





#30
Naphthalene
Concen: 76.230 ng/ul
RT: 10.763 min Scan# 11
Delta R.T. 0.014 min
Lab File: BG062881.D
Acq: 16 Sep 2024 16:14

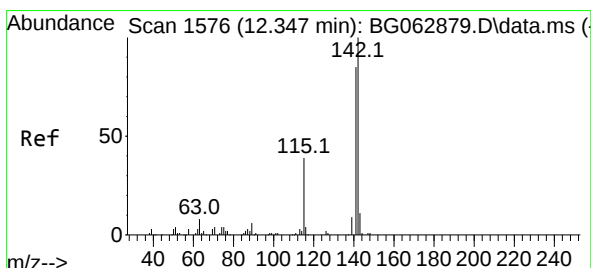
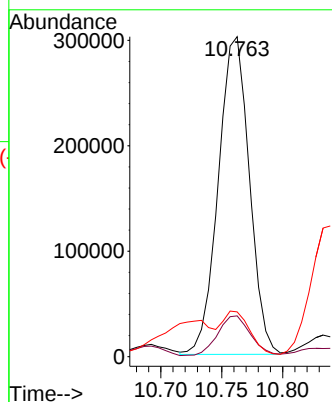
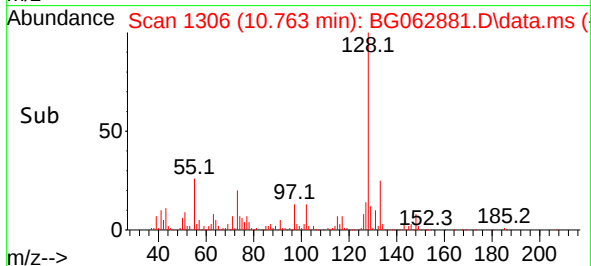
Instrument :
BNA_G
ClientSampleId :
DDC53



Tgt Ion:128 Resp: 53511
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 14.0 10.7 16.1

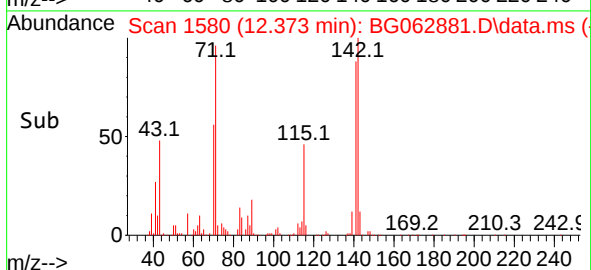
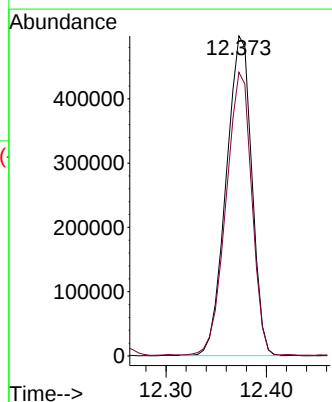
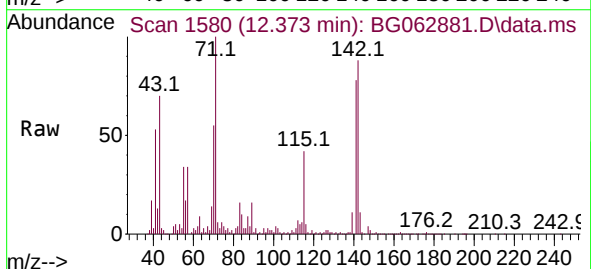
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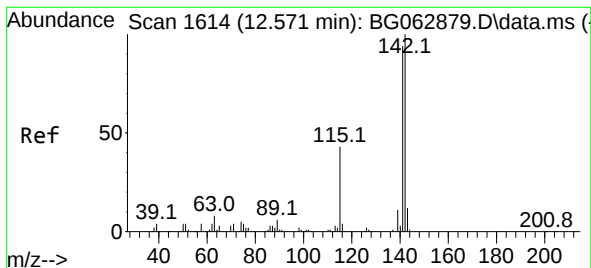
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 170.390 ng/ul
RT: 12.373 min Scan# 1580
Delta R.T. 0.014 min
Lab File: BG062881.D
Acq: 16 Sep 2024 16:14

Tgt Ion:142 Resp: 882764
Ion Ratio Lower Upper
142 100
141 88.7 73.4 110.2





#37

1-Methylnaphthalene

Concen: 102.479 ng/ul

RT: 12.590 min Scan# 1

Delta R.T. 0.014 min

Lab File: BG062881.D

Acq: 16 Sep 2024 16:14

Instrument :

BNA_G

ClientSampleId :

DDC53

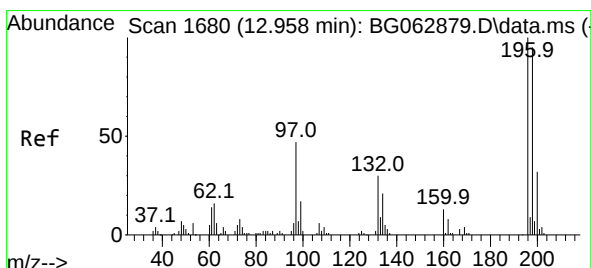
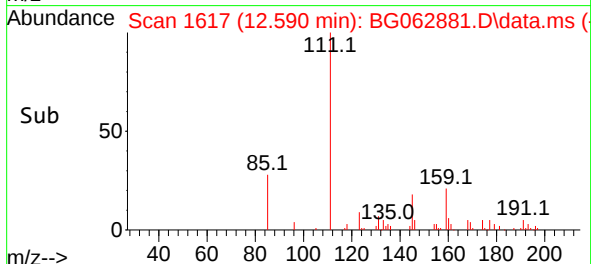
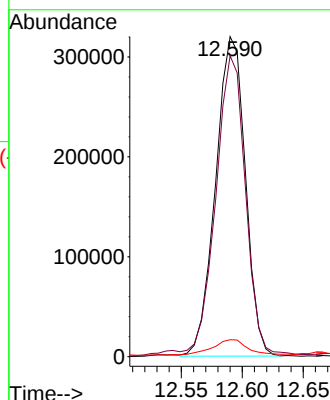
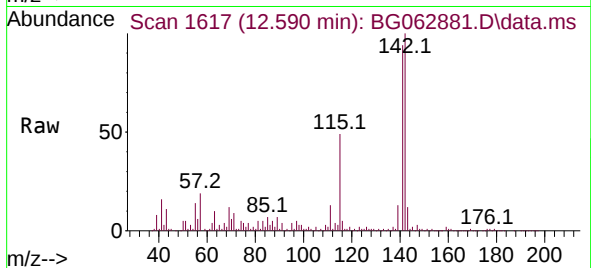
Tgt Ion:142 Resp: 54384
 Ion Ratio Lower Upper
 142 100
 141 94.1 71.1 106.7
 116 5.3 3.0 4.6

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#41

2,4,6-Trichlorophenol

Concen: 6.524 ng/ul

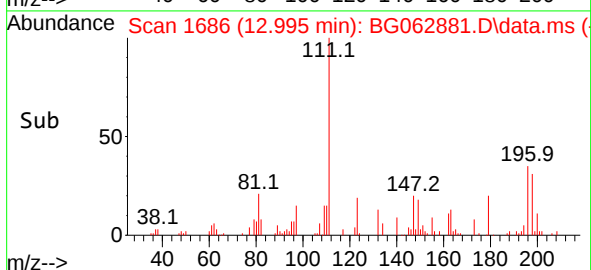
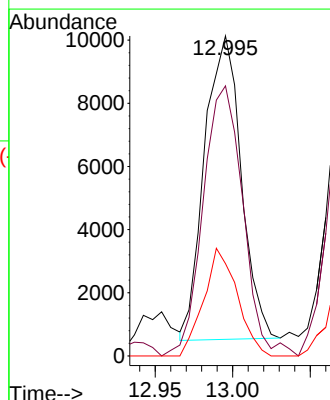
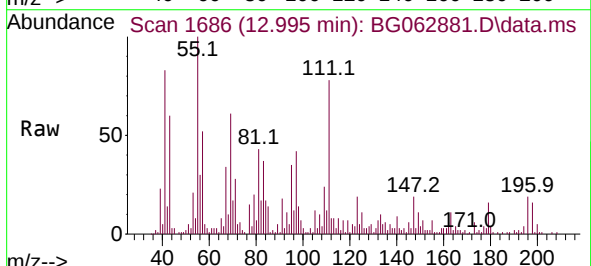
RT: 12.995 min Scan# 1686

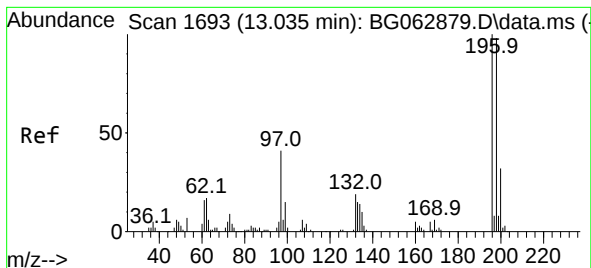
Delta R.T. 0.031 min

Lab File: BG062881.D

Acq: 16 Sep 2024 16:14

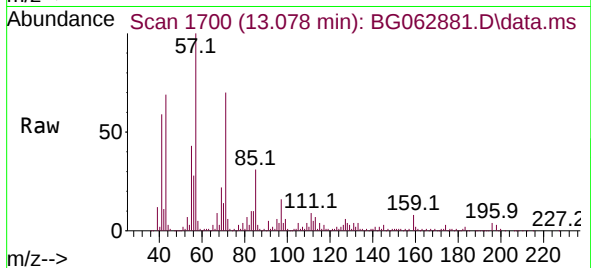
Tgt Ion:196 Resp: 15761
 Ion Ratio Lower Upper
 196 100
 198 84.4 76.2 114.4
 200 28.9 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 5.858 ng/ul
RT: 13.078 min Scan# 1700
Delta R.T. 0.037 min
Lab File: BG062881.D
Acq: 16 Sep 2024 16:14

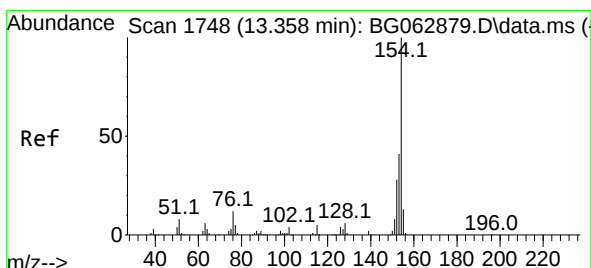
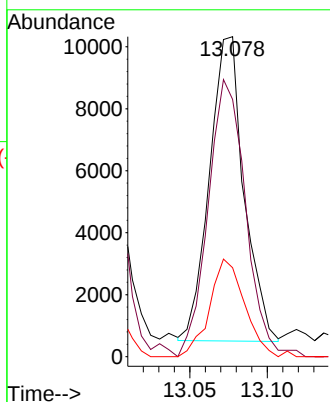
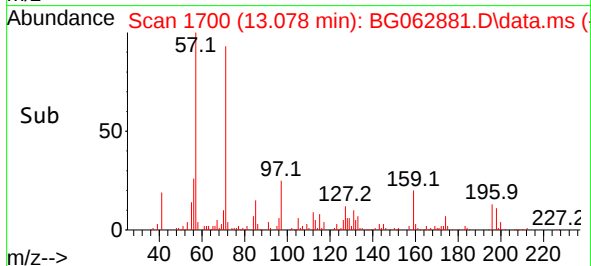
Instrument :
BNA_G
ClientSampleId :
DDC53



Tgt Ion:196 Resp: 15194
Ion Ratio Lower Upper
196 100
198 80.4 71.2 106.8
200 27.8 24.6 37.0

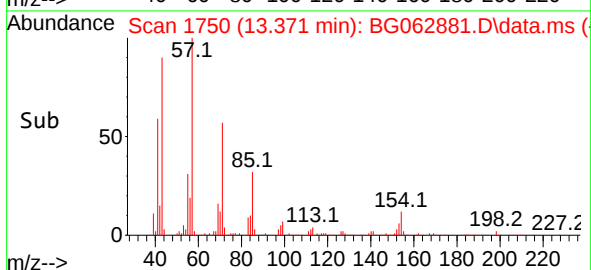
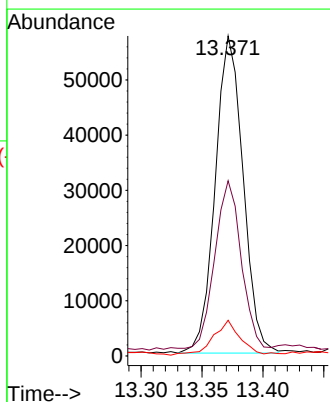
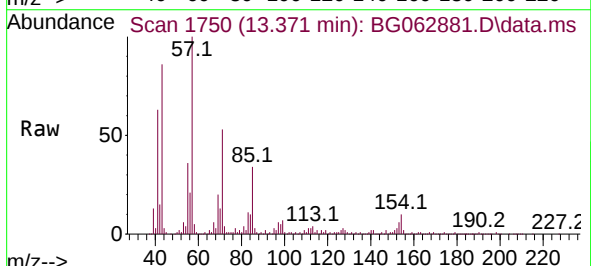
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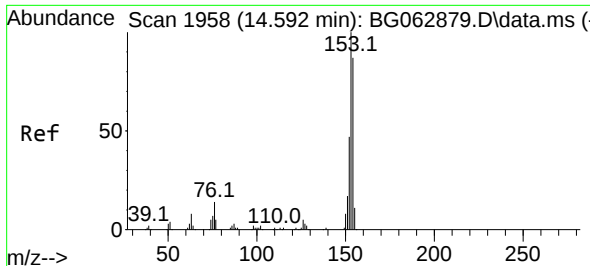
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024



#43
1,1'-Biphenyl
Concen: 11.233 ng/ul
RT: 13.371 min Scan# 1750
Delta R.T. 0.008 min
Lab File: BG062881.D
Acq: 16 Sep 2024 16:14

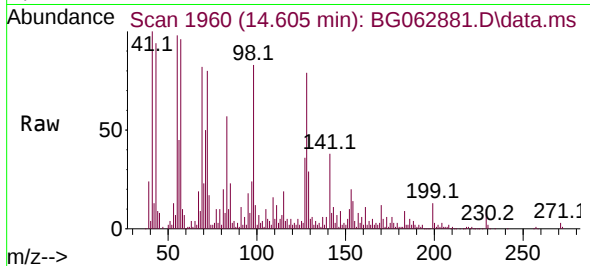
Tgt Ion:154 Resp: 91636
Ion Ratio Lower Upper
154 100
153 54.8 33.4 50.0#
76 11.2 10.1 15.1





#52
Acenaphthene
Concen: 5.218 ng/ul
RT: 14.605 min Scan# 1958
Delta R.T. 0.008 min
Lab File: BG062881.D
Acq: 16 Sep 2024 16:14

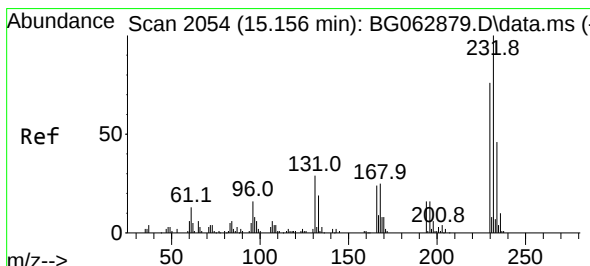
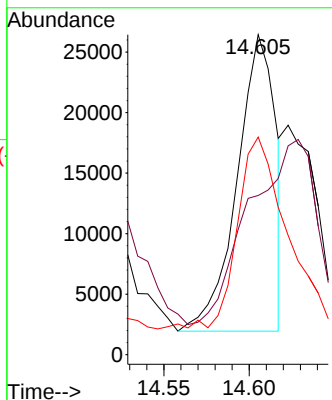
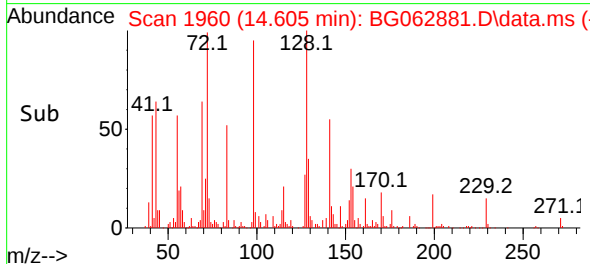
Instrument :
BNA_G
ClientSampleId :
DDC53



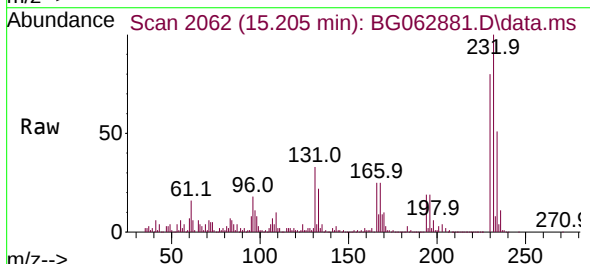
Tgt Ion:153 Resp: 38718
Ion Ratio Lower Upper
153 100
152 49.8 37.2 55.8
154 68.0 67.8 101.6

Manual Integrations
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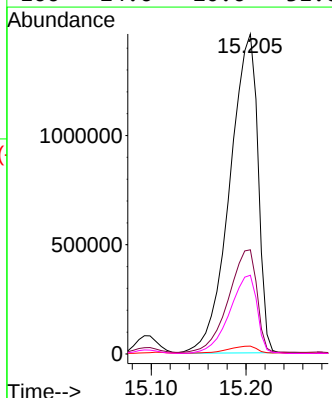
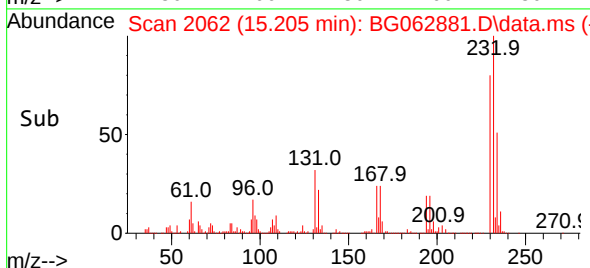
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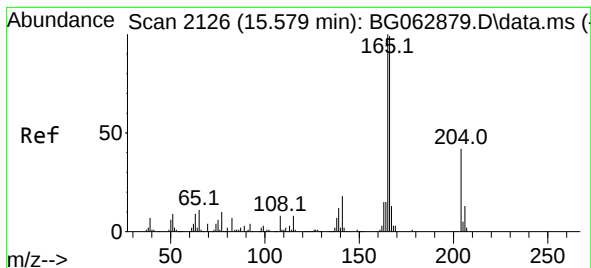


#58
2,3,4,6-Tetrachlorophenol
Concen: 1144.532 ng/ul
RT: 15.205 min Scan# 2062
Delta R.T. 0.049 min
Lab File: BG062881.D
Acq: 16 Sep 2024 16:14



Tgt Ion:232 Resp: 3008353
Ion Ratio Lower Upper
232 100
131 32.6 26.6 40.0
130 2.5 1.6 2.4#
166 24.6 20.6 31.0





#61

Fluorene

Concen: 9.671 ng/ul

RT: 15.592 min Scan# 2126

Delta R.T. 0.014 min

Lab File: BG062881.D

Acq: 16 Sep 2024 16:14

Instrument :

BNA_G

ClientSampleId :

DDC53

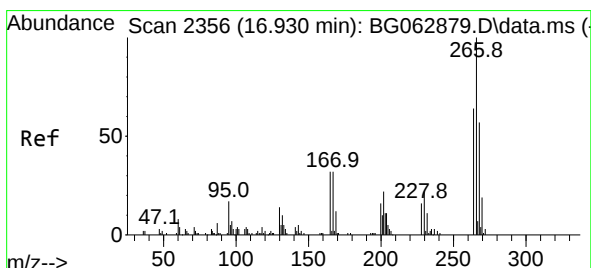
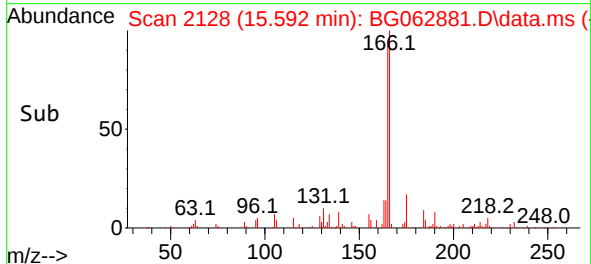
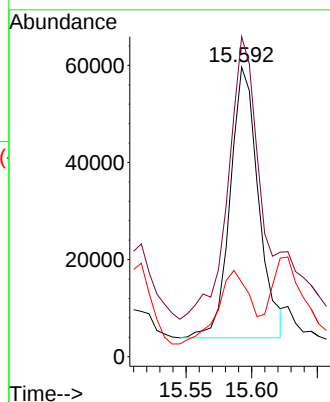
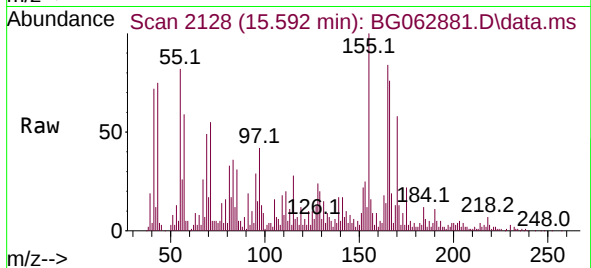
Tgt Ion:166 Resp: 8374
 Ion Ratio Lower Upper
 166 100
 165 110.5 80.9 121.3
 167 25.7 10.9 16.3

Manual Integrations

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Supervised By :mohammad ahmed 09/17/2024



#71

Pentachlorophenol

Concen: 8800.281 ng/ul m

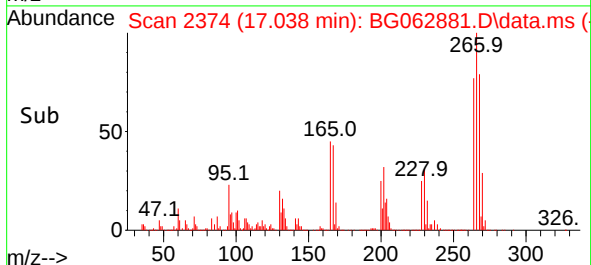
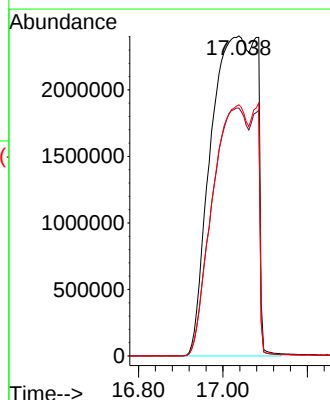
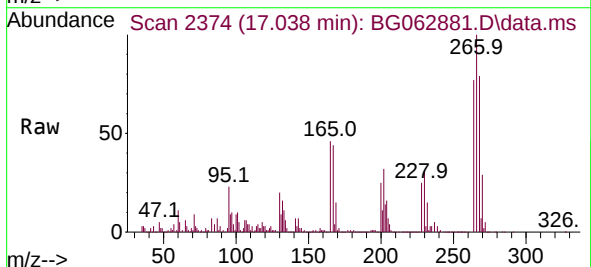
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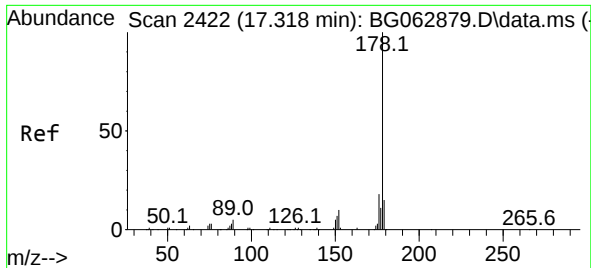
Delta R.T. 0.108 min

Lab File: BG062881.D

Acq: 16 Sep 2024 16:14

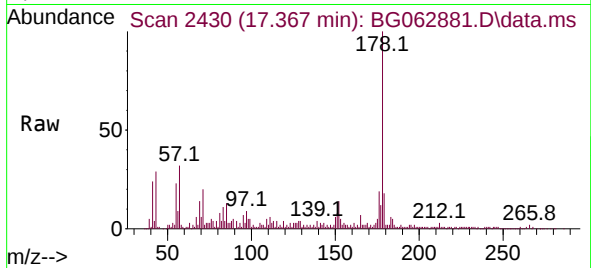
Tgt Ion:266 Resp:18186602
 Ion Ratio Lower Upper
 266 100
 264 77.4 48.6 72.8#
 268 78.5 49.5 74.3#





#72
 Phenanthrene
 Concen: 32.939 ng/ul
 RT: 17.367 min Scan# 2422
 Delta R.T. 0.043 min
 Lab File: BG062881.D
 Acq: 16 Sep 2024 16:14

Instrument :
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Tgt Ion:178 Resp: 450455
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.1 18.1
 176 19.4 14.9 22.3

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