

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062791.D
 Acq On : 13 Sep 2024 17:01
 Operator : JU/RC
 Sample : P3898-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC13

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 23:29:01 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	7.901	152	71013	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	293459	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.535	164	223639	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.308	188	461880m	20.000	ng/u1	0.03
79) Chrysene-d12	21.526	240	496296	20.000	ng/u1	0.00
88) Perylene-d12	24.593	264	569645	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	2801m	1.783	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.073	99	54192	8.703	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	38297	10.258	ng/u1	0.00
11) 2-Chlorophenol-d4	7.437	132	45324	9.993	ng/u1	0.00
15) 4-Methylphenol-d8	8.606	113	33969	6.546	ng/u1	0.00
21) Nitrobenzene-d5	9.053	128	26165	12.475	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	28941	12.617	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	60721	12.155	ng/u1	0.00
31) 4-Chloroaniline-d4	10.815	131	56207	8.186	ng/u1	-0.02
46) Dimethylphthalate-d6	13.935	166	191494	11.119	ng/u1	0.00
49) Acenaphthylene-d8	14.229	160	230463	12.049	ng/u1	0.00
54) 4-Nitrophenol-d4	14.746	143	39869	13.628	ng/u1	0.01
60) Fluorene-d10	15.533	176	184801	11.908	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	29622	11.149	ng/u1	0.00
73) Anthracene-d10	17.402	188	258041	11.838	ng/u1	0.03
81) Pyrene-d10	19.676	212	298675	10.695	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.382	264	251240	8.353	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.096	94	18557	2.867	ng/u1	97
30) Naphthalene	10.745	128	182307	11.586	ng/u1	96
36) 2-Methylnaphthalene	12.361	142	728344	62.719	ng/u1	96
37) 1-Methylnaphthalene	12.578	142	534405	44.925	ng/u1#	96
41) 2,4,6-Trichlorophenol	12.972	196	13405	2.878	ng/u1	91
42) 2,4,5-Trichlorophenol	13.042	196	10984	2.197	ng/u1	94
43) 1,1'-Biphenyl	13.365	154	64421	4.096	ng/u1	99
52) Acenaphthene	14.599	153	46311	3.238	ng/u1#	87
58) 2,3,4,6-Tetrachlorophenol	15.181	232	1607378	317.220	ng/u1#	97
61) Fluorene	15.586	166	128110	7.675	ng/u1#	81
71) Pentachlorophenol	17.026	266	13090185m	3606.404	ng/u1	
72) Phenanthrene	17.349	178	961619m	40.035	ng/u1	
80) Fluoranthene	19.347	202	67644	2.187	ng/u1#	76
82) Pyrene	19.711	202	84097	2.526	ng/u1#	87
86) Bis(2-ethylhexyl)phtha...	21.426	149	303611	20.861	ng/u1	97

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

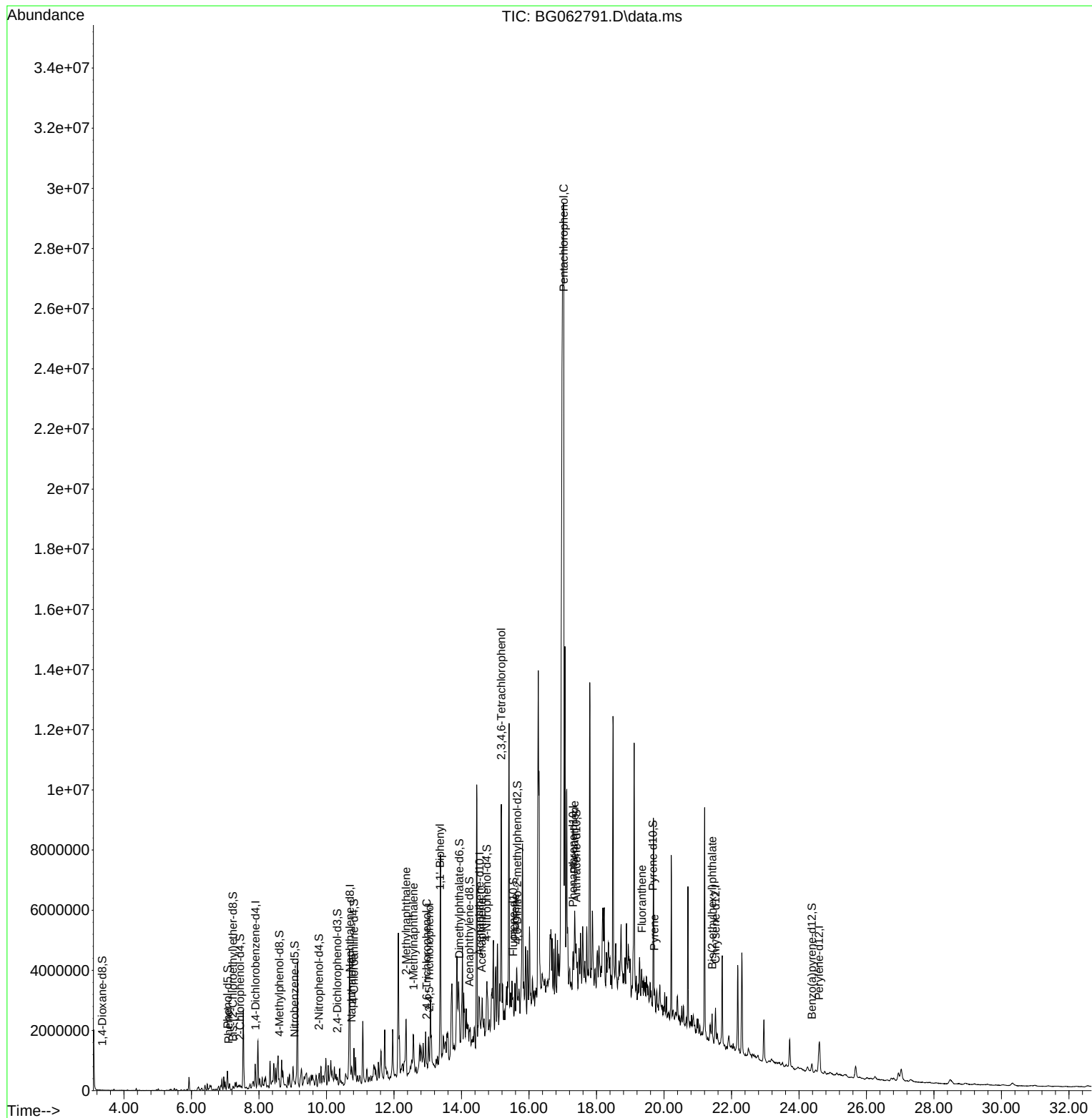
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062791.D
Acq On : 13 Sep 2024 17:01
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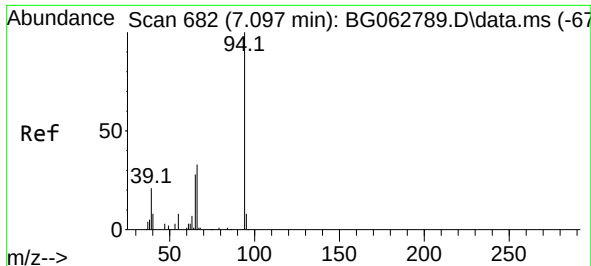
Instrument :
BNA_G
ClientSampleId :
DDC13

Quant Time: Sep 13 23:29:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
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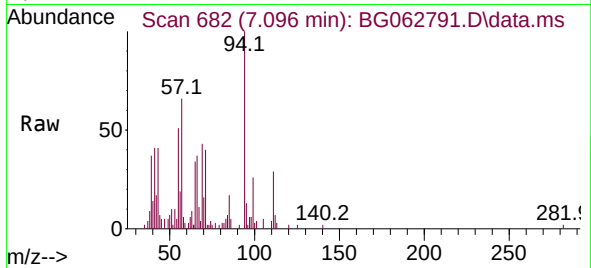
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#8
Phenol
Concen: 2.867 ng/ul
RT: 7.096 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

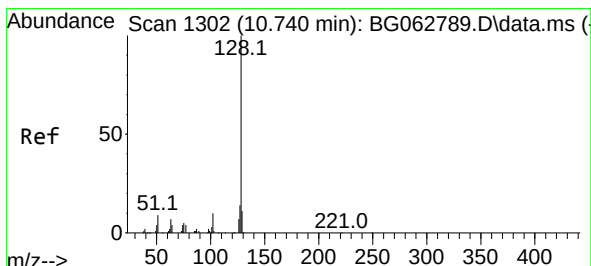
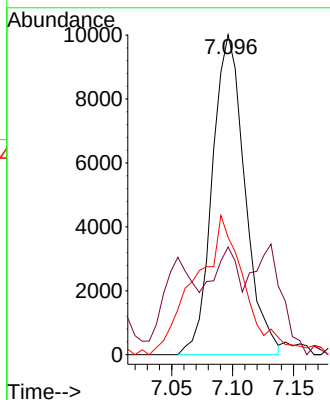
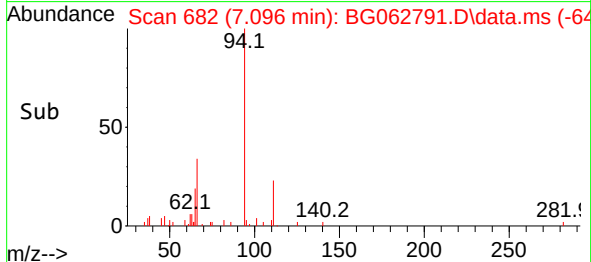
Instrument :
BNA_G
ClientSampleId :
DDC13



Tgt Ion: 94 Resp: 1855
Ion Ratio Lower Upper
94 100
65 33.7 25.1 37.7
66 36.7 30.8 46.2

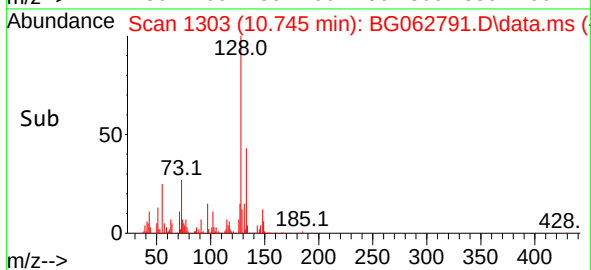
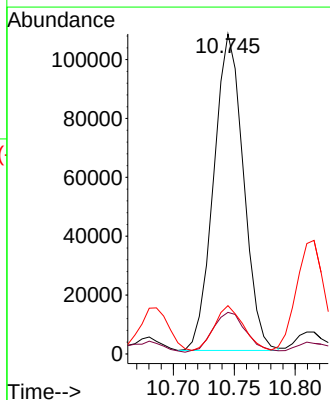
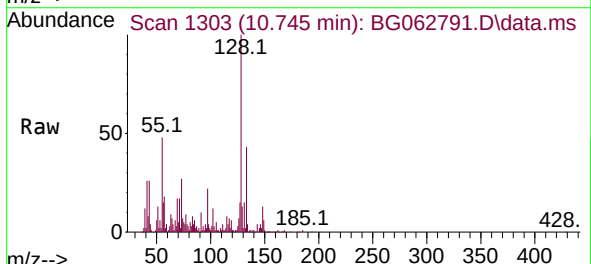
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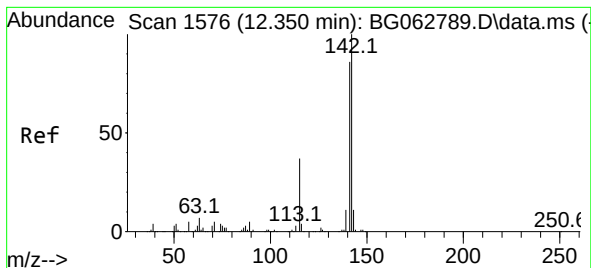
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#30
Naphthalene
Concen: 11.586 ng/ul
RT: 10.745 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

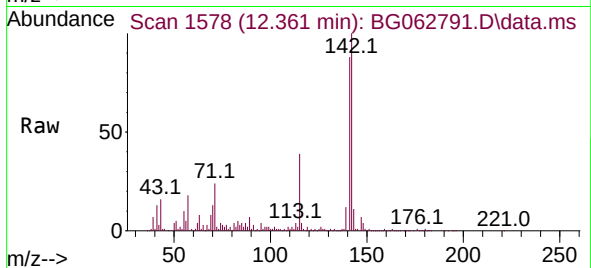
Tgt Ion:128 Resp: 182307
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 15.1 10.7 16.1





#36
2-Methylnaphthalene
Concen: 62.719 ng/ul
RT: 12.361 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

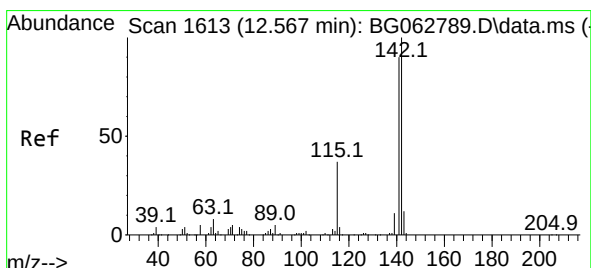
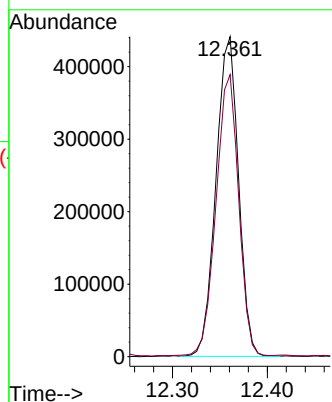
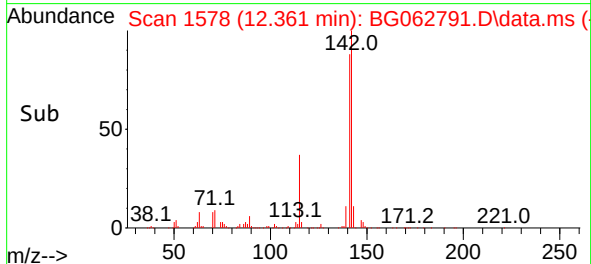
Instrument :
BNA_G
ClientSampleId :
DDC13



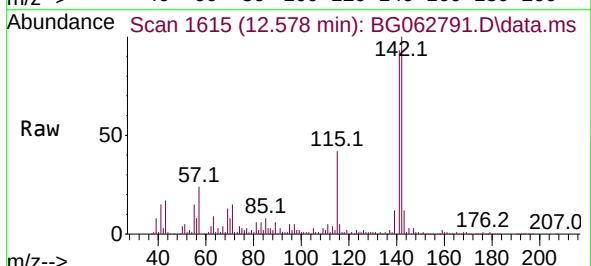
Tgt Ion:142 Resp: 728344
Ion Ratio Lower Upper
142 100
141 88.2 73.4 110.2

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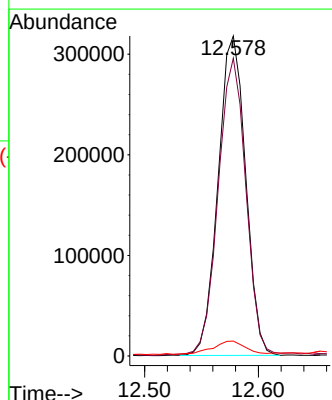
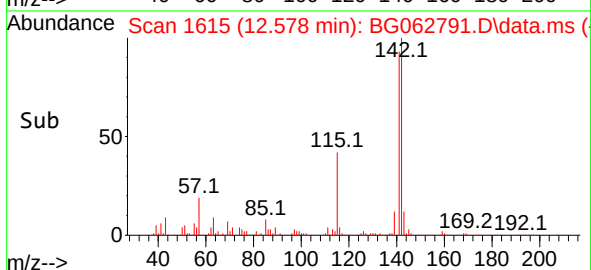
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

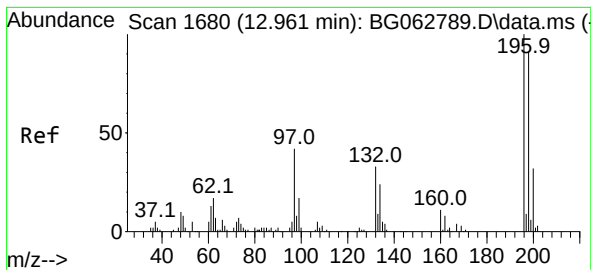


#37
1-Methylnaphthalene
Concen: 44.925 ng/ul
RT: 12.578 min Scan# 1615
Delta R.T. 0.002 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01



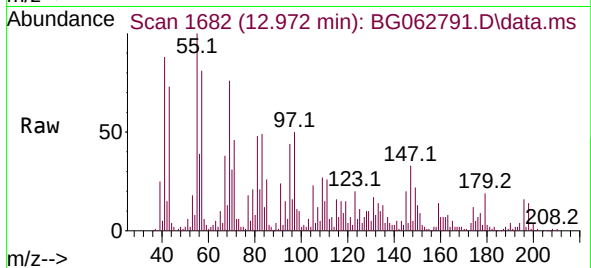
Tgt Ion:142 Resp: 534405
Ion Ratio Lower Upper
142 100
141 93.1 71.1 106.7
116 4.7 3.0 4.6#





#41
2,4,6-Trichlorophenol
Concen: 2.878 ng/ul
RT: 12.972 min Scan# 1682
Delta R.T. 0.008 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

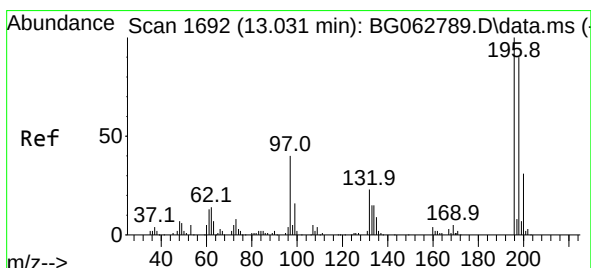
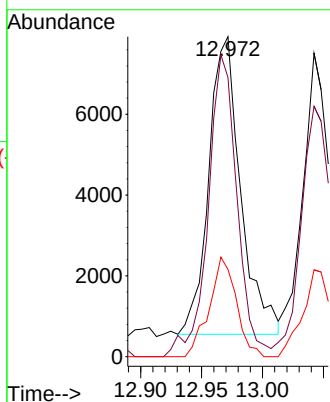
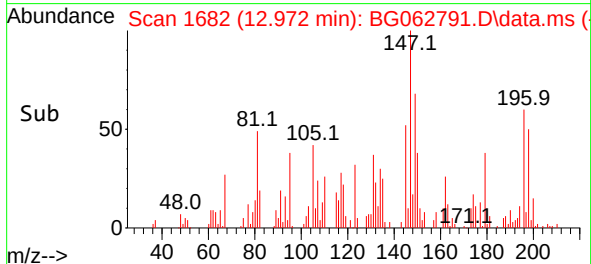
Instrument :
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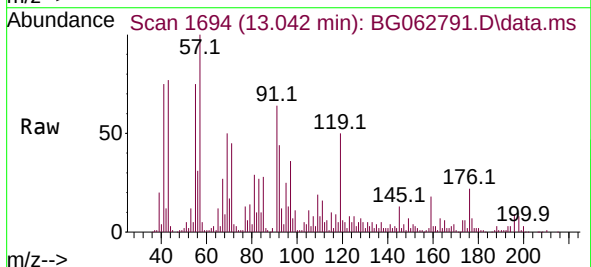
Tgt Ion:196 Resp: 1340
Ion Ratio Lower Upper
196 100
198 87.3 76.2 114.4
200 27.2 26.0 39.0

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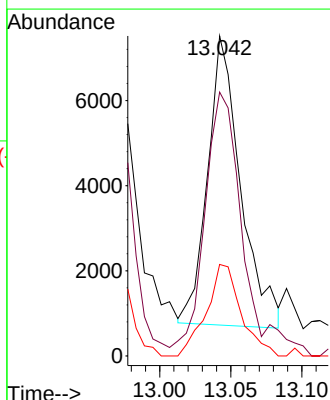
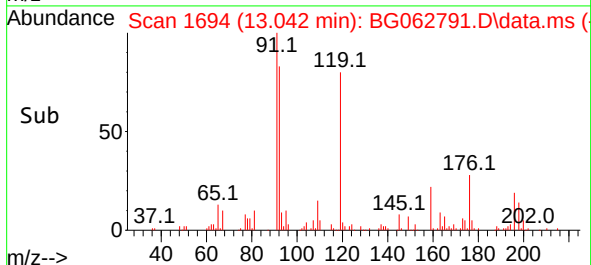
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

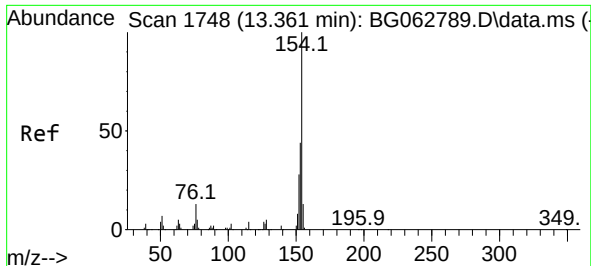


#42
2,4,5-Trichlorophenol
Concen: 2.197 ng/ul
RT: 13.042 min Scan# 1694
Delta R.T. 0.002 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01



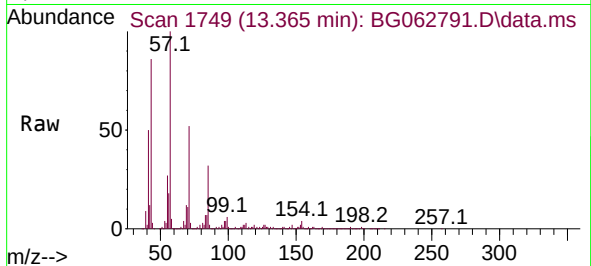
Tgt Ion:196 Resp: 10984
Ion Ratio Lower Upper
196 100
198 82.5 71.2 106.8
200 28.6 24.6 37.0





#43
1,1'-Biphenyl
Concen: 4.096 ng/u1
RT: 13.365 min Scan# 1748
Delta R.T. 0.002 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

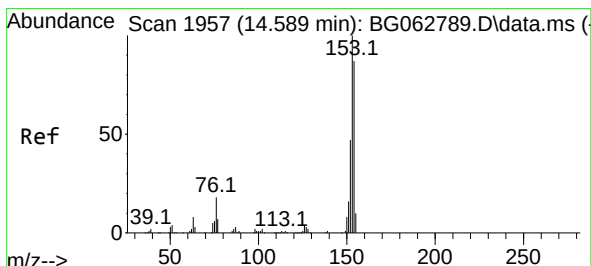
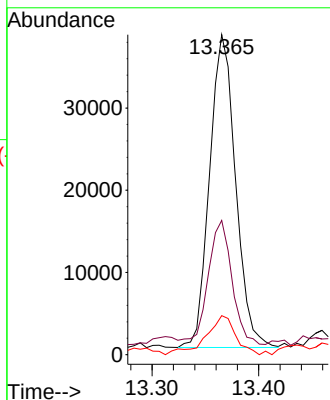
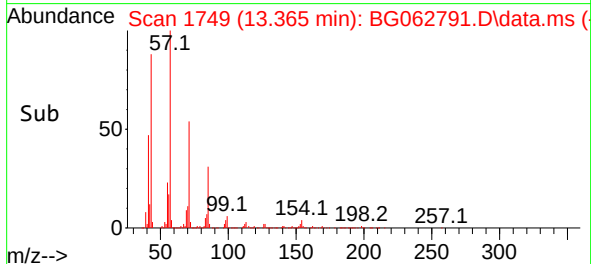
Instrument :
BNA_G
ClientSampleId :
DDC13



Tgt Ion:154 Resp: 6442
Ion Ratio Lower Upper
154 100
153 42.0 33.4 50.0
76 12.2 10.1 15.1

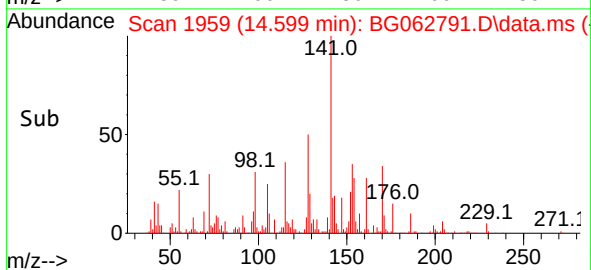
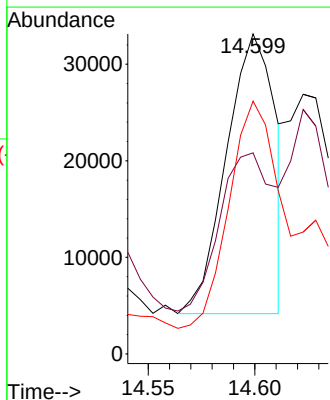
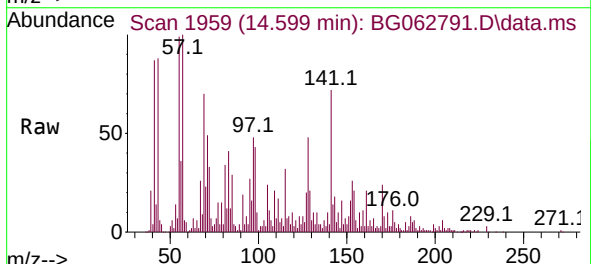
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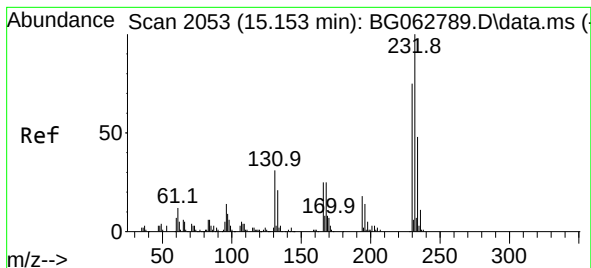
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#52
Acenaphthene
Concen: 3.238 ng/u1
RT: 14.599 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

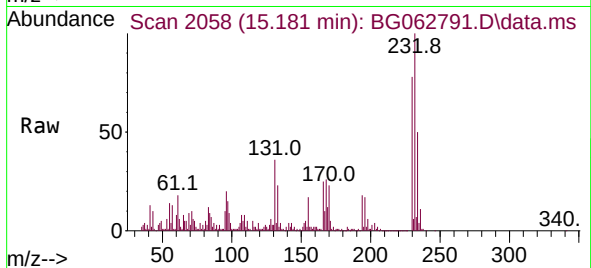
Tgt Ion:153 Resp: 46311
Ion Ratio Lower Upper
153 100
152 62.9 37.2 55.8#
154 79.0 67.8 101.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 317.220 ng/ul
RT: 15.181 min Scan# 2058
Delta R.T. 0.025 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

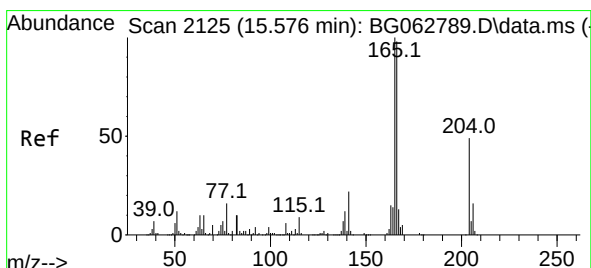
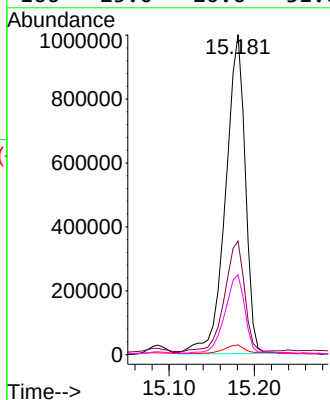
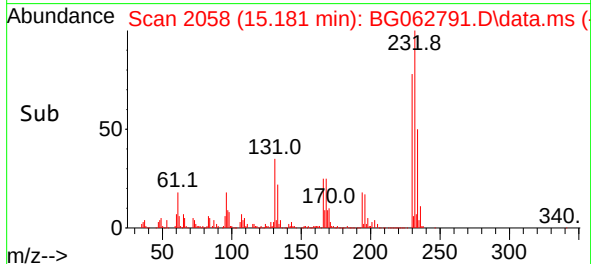
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BNA_G
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DDC13



Tgt Ion:232 Resp: 1607378
Ion Ratio Lower Upper
232 100
131 35.5 26.6 40.0
130 3.0 1.6 2.4
166 25.0 20.6 31.0

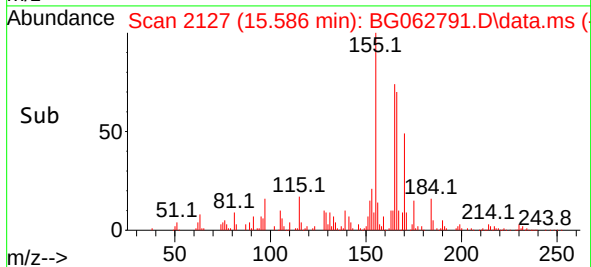
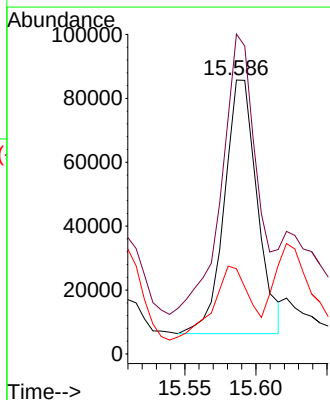
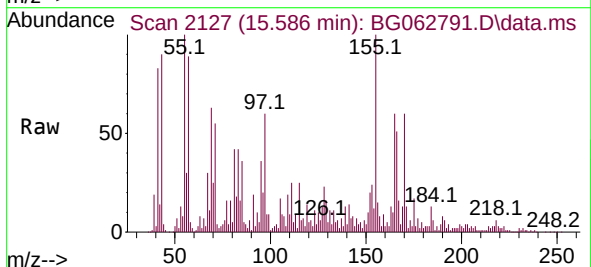
Manual Integrations
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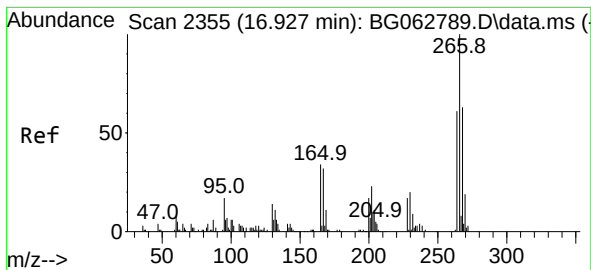
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#61
Fluorene
Concen: 7.675 ng/ul
RT: 15.586 min Scan# 2127
Delta R.T. 0.008 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

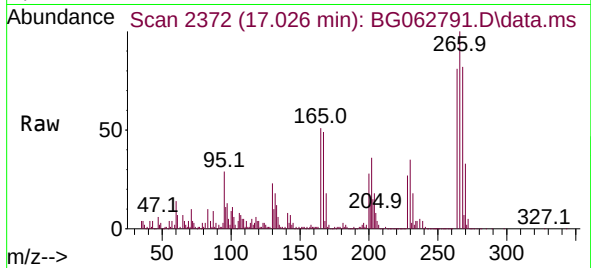
Tgt Ion:166 Resp: 128110
Ion Ratio Lower Upper
166 100
165 116.8 80.9 121.3
167 31.1 10.9 16.3





#71
 Pentachlorophenol
 Concen: 3606.404 ng/ul m
 RT: 17.026 min Scan# 21
 Delta R.T. 0.096 min
 Lab File: BG062791.D
 Acq: 13 Sep 2024 17:01

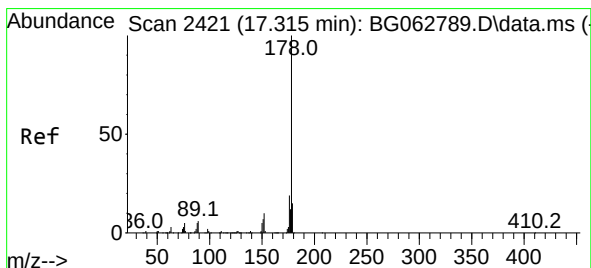
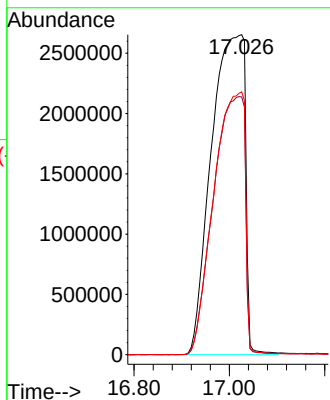
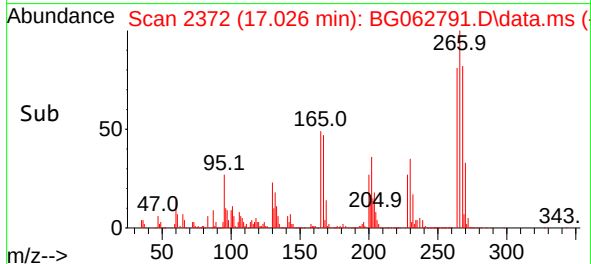
Instrument :
 BNA_G
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 DDC13



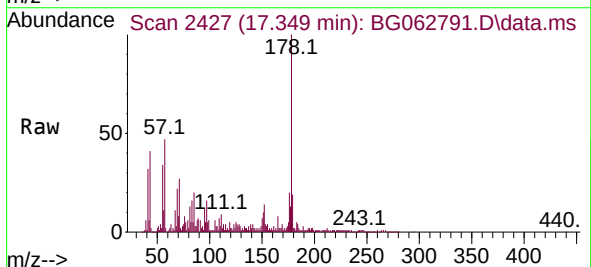
Tgt Ion:266 Resp:1309018
 Ion Ratio Lower Upper
 266 100
 264 80.6 48.6 72.8
 268 82.2 49.5 74.3

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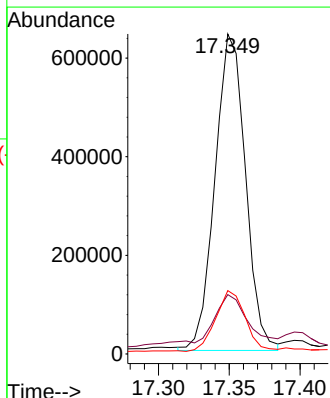
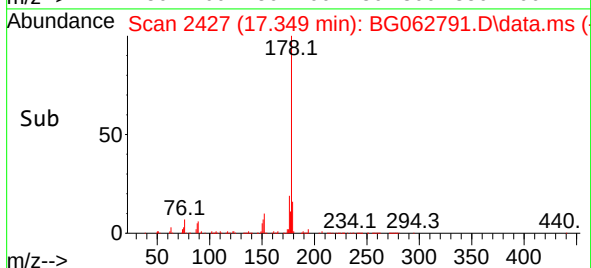
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

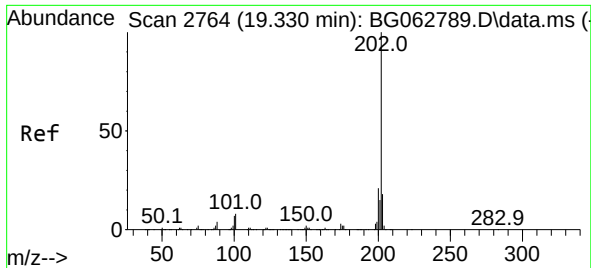


#72
 Phenanthrene
 Concen: 40.035 ng/ul m
 RT: 17.349 min Scan# 2427
 Delta R.T. 0.025 min
 Lab File: BG062791.D
 Acq: 13 Sep 2024 17:01



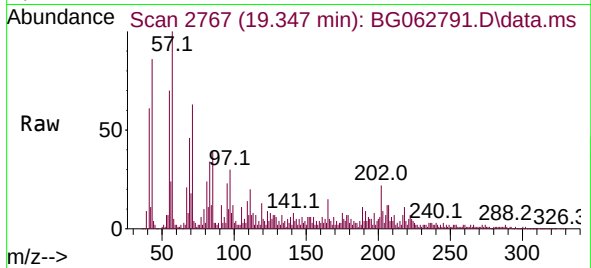
Tgt Ion:178 Resp: 961619
 Ion Ratio Lower Upper
 178 100
 179 18.5 12.1 18.1#
 176 19.8 14.9 22.3





#80
Fluoranthene
Concen: 2.187 ng/u1
RT: 19.347 min Scan# 21
Delta R.T. 0.014 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

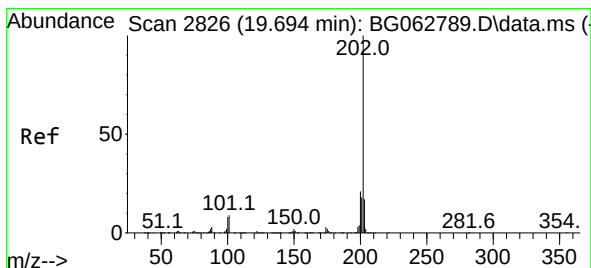
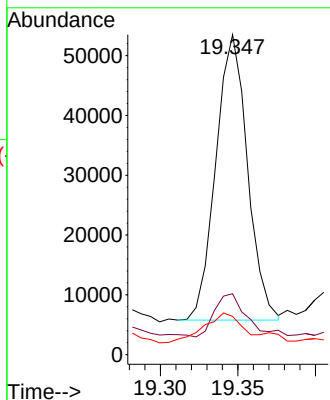
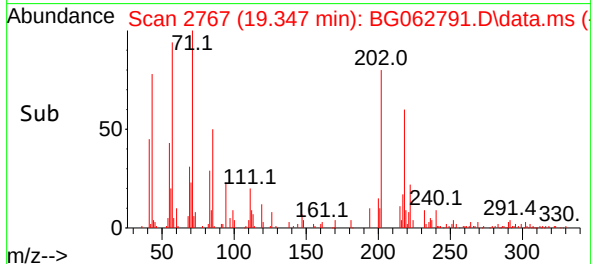
Instrument :
BNA_G
ClientSampleId :
DDC13



Tgt Ion:202 Resp: 67644
Ion Ratio Lower Upper
202 100
101 19.1 6.6 10.0#
100 11.9 5.3 7.9#

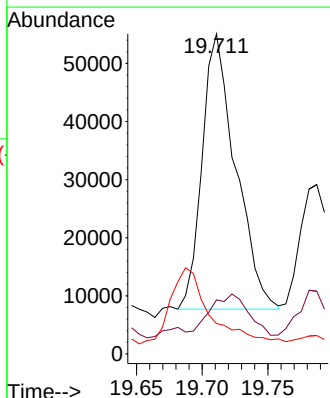
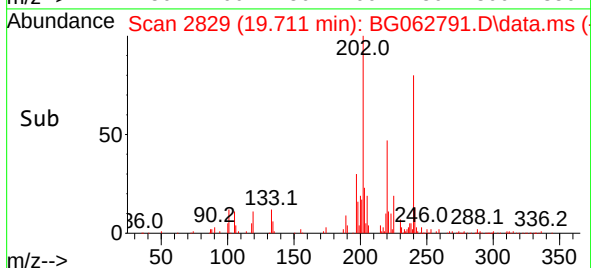
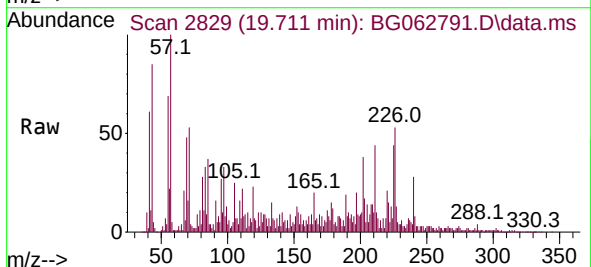
Manual Integrations
APPROVED

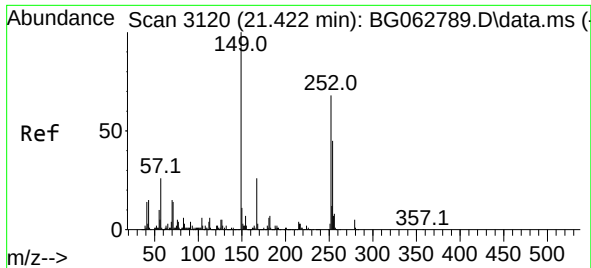
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#82
Pyrene
Concen: 2.526 ng/u1
RT: 19.711 min Scan# 2829
Delta R.T. 0.014 min
Lab File: BG062791.D
Acq: 13 Sep 2024 17:01

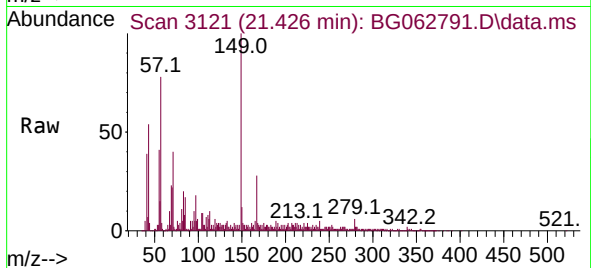
Tgt Ion:202 Resp: 84097
Ion Ratio Lower Upper
202 100
101 16.9 7.7 11.5#
100 9.5 6.5 9.7





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 20.861 ng/ul
 RT: 21.426 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BG062791.D
 Acq: 13 Sep 2024 17:01

Instrument :
 BNA_G
 ClientSampleId :
 DDC13



Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	5.5	3.8	5.6

Manual Integrations
 APPROVED

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

