

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062807.D
 Acq On : 14 Sep 2024 12:07
 Operator : JU/RC
 Sample : P3898-02DL 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC13DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 23:27:43 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	7.897	152	40587	20.000	ng/u1	0.00
20) Naphthalene-d8	10.694	136	176853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.530	164	146396	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	359855	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	388340	20.000	ng/u1	0.00
88) Perylene-d12	24.583	264	433003	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.069	99	1438	0.404	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.233	67	1142	0.535	ng/u1	0.00
11) 2-Chlorophenol-d4	7.433	132	1123	0.433	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.049	128	480m	0.380	ng/u1	0.00
24) 2-Nitrophenol-d4	9.783	143	770	0.557	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	1210	0.402	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	1468	0.355	ng/u1	-0.02
46) Dimethylphthalate-d6	13.937	166	6520	0.578	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	7122	0.569	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.523	176	7139	0.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.374	188	10736	0.632	ng/u1	0.00
81) Pyrene-d10	19.666	212	14054	0.643	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.372	264	10434	0.456	ng/u1	0.00
Target Compounds						
36) 2-Methylnaphthalene	12.351	142	21975	3.140	ng/u1	91
37) 1-Methylnaphthalene	12.574	142	16148	2.253	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.153	232	57514	17.339	ng/u1#	98
71) Pentachlorophenol	16.939	266	711191	251.488	ng/u1	98
72) Phenanthrene	17.321	178	39352	2.103	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	12883	1.131	ng/u1#	97

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

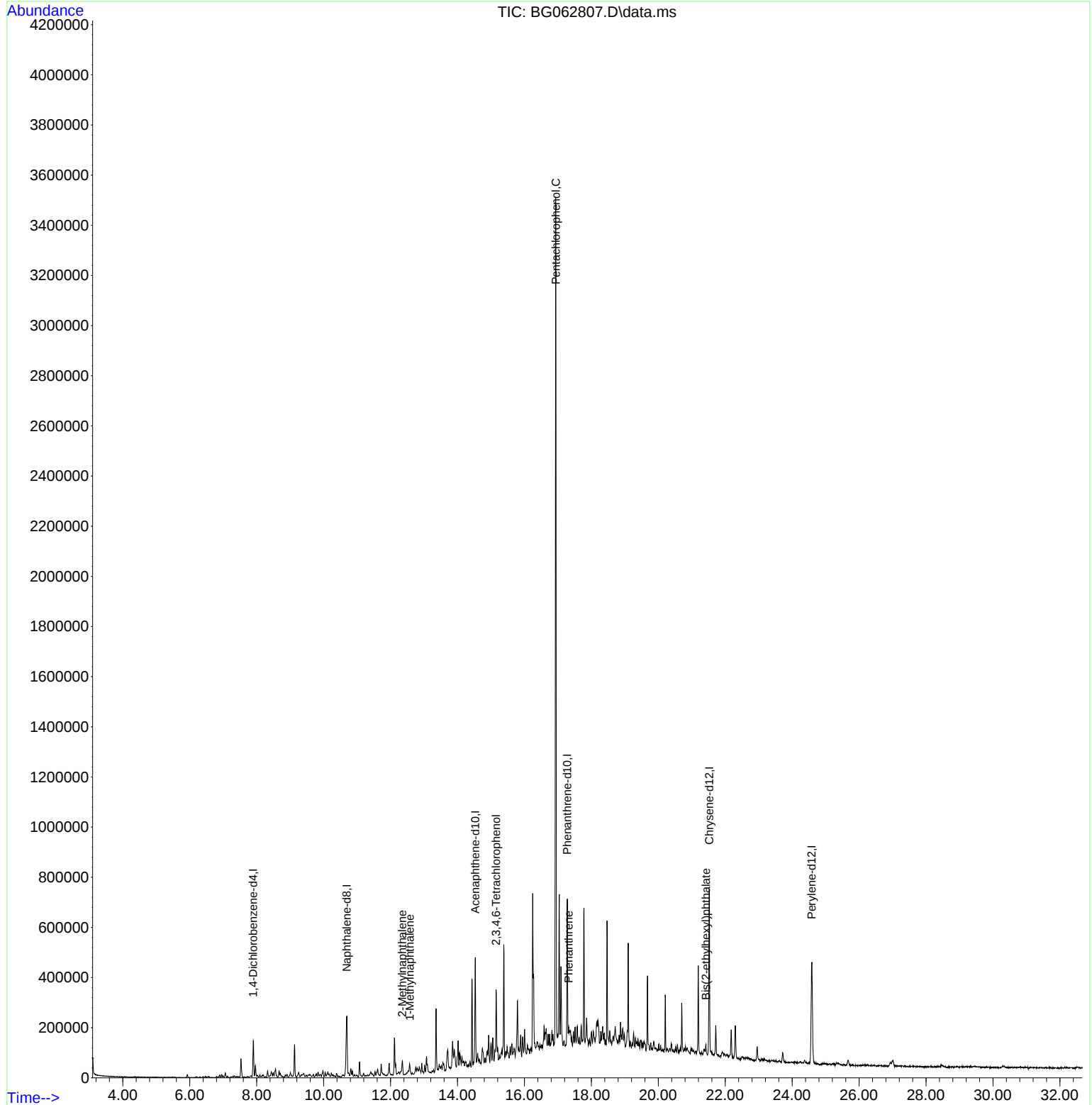
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
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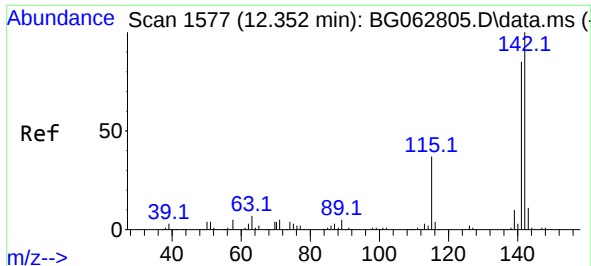
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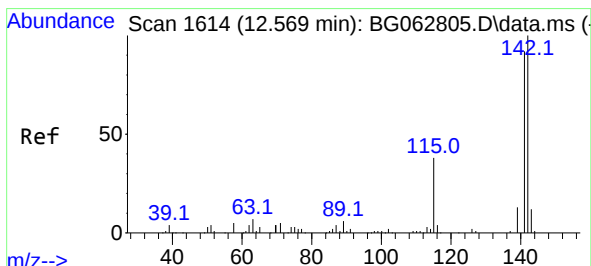
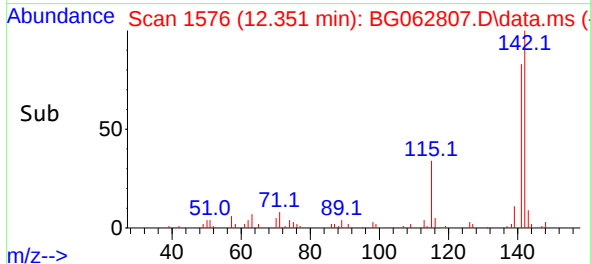
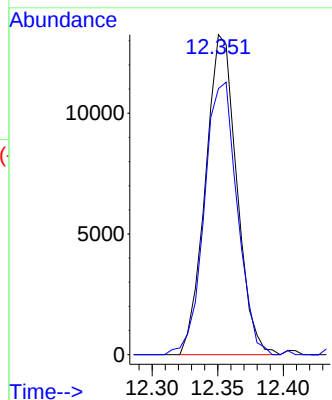
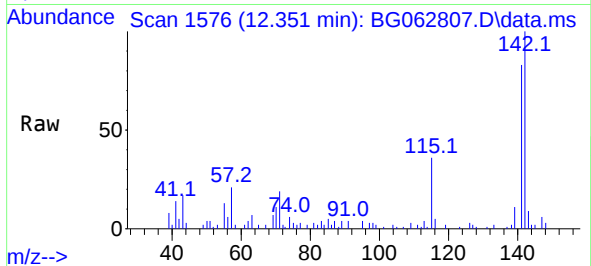
#36
2-Methylnaphthalene
Concen: 3.140 ng/ul
RT: 12.351 min Scan# 1576
Delta R.T. -0.008 min
Lab File: BG062807.D
Acq: 14 Sep 2024 12:07

Instrument :
BNA_G
ClientSampleId :
DDC13DL

Tgt Ion:142 Resp: 21975
Ion Ratio Lower Upper
142 100
141 83.2 73.4 110.2

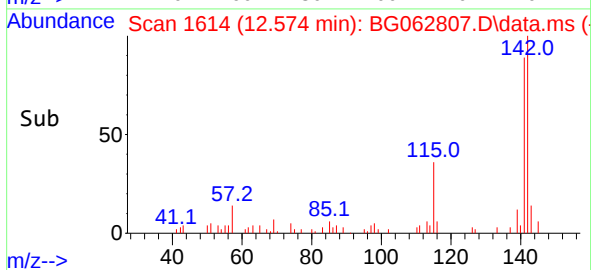
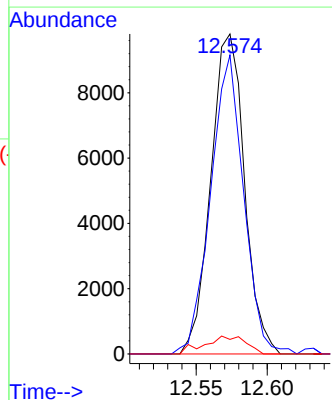
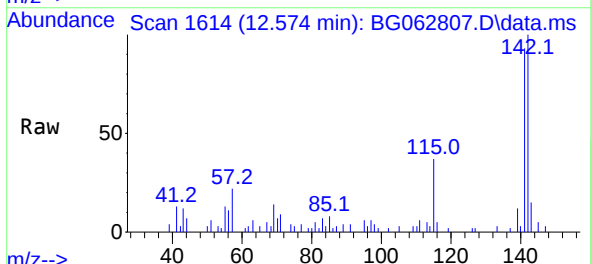
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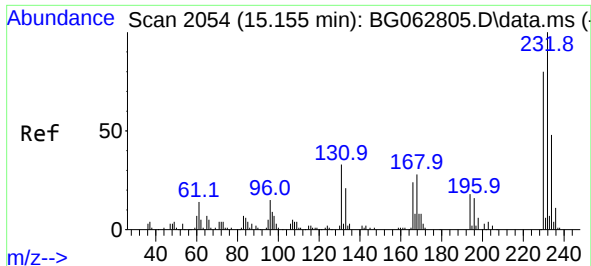
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#37
1-Methylnaphthalene
Concen: 2.253 ng/ul
RT: 12.574 min Scan# 1614
Delta R.T. -0.002 min
Lab File: BG062807.D
Acq: 14 Sep 2024 12:07

Tgt Ion:142 Resp: 16148
Ion Ratio Lower Upper
142 100
141 93.4 71.1 106.7
116 4.5 3.0 4.6





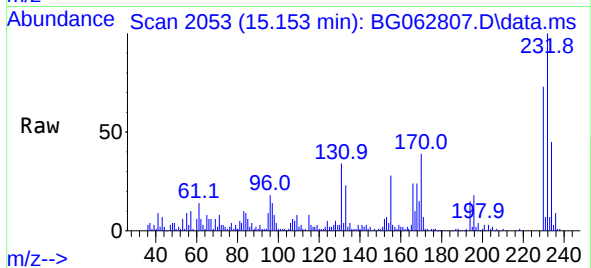
#58
2,3,4,6-Tetrachlorophenol
Concen: 17.339 ng/ul
RT: 15.153 min Scan# 2054
Delta R.T. -0.002 min
Lab File: BG062807.D
Acq: 14 Sep 2024 12:07

Instrument :

BNA_G

ClientSampleId :

DDC13DL

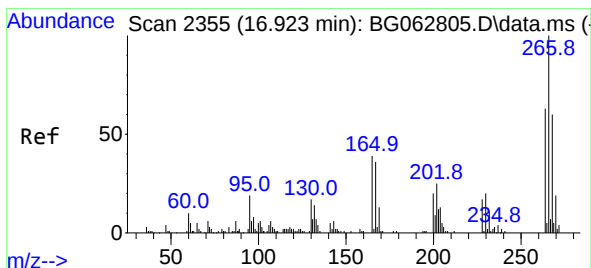
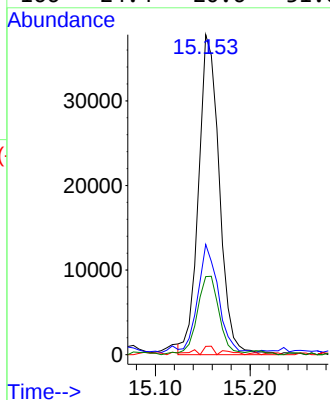
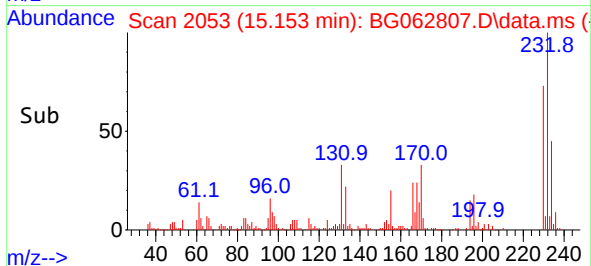


Tgt Ion:232 Resp: 57514
Ion Ratio Lower Upper
232 100
131 34.5 26.6 40.0
130 2.6 1.6 2.4
166 24.4 20.6 31.0

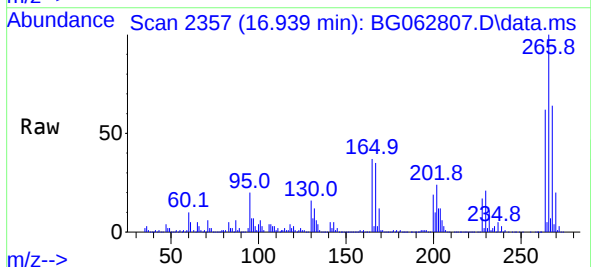
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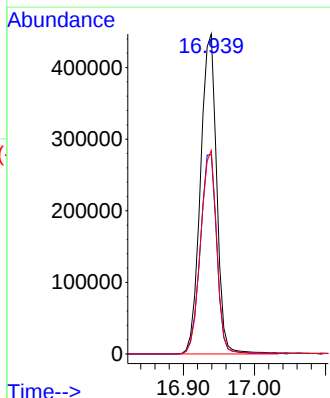
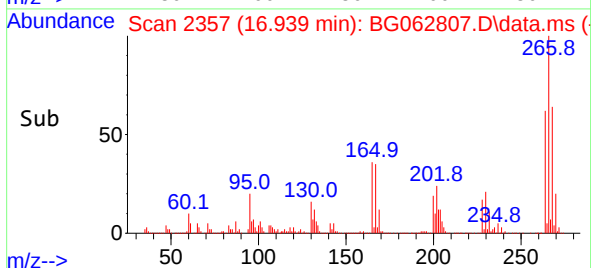
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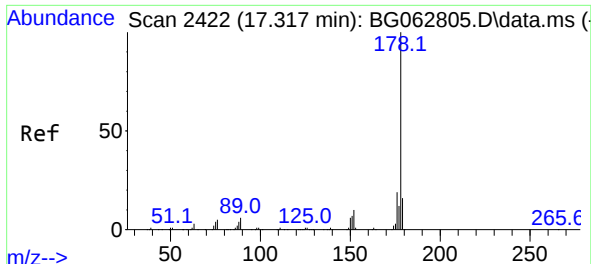


#71
Pentachlorophenol
Concen: 251.488 ng/ul
RT: 16.939 min Scan# 2357
Delta R.T. 0.009 min
Lab File: BG062807.D
Acq: 14 Sep 2024 12:07



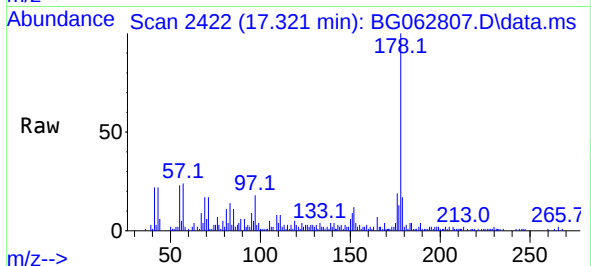
Tgt Ion:266 Resp: 711191
Ion Ratio Lower Upper
266 100
264 62.3 48.6 72.8
268 63.6 49.5 74.3





#72
Phenanthrene
Concen: 2.103 ng/u1
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG062807.D
Acq: 14 Sep 2024 12:07

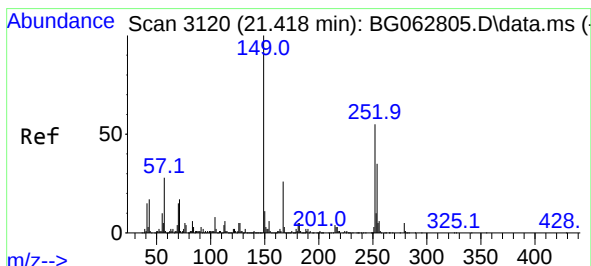
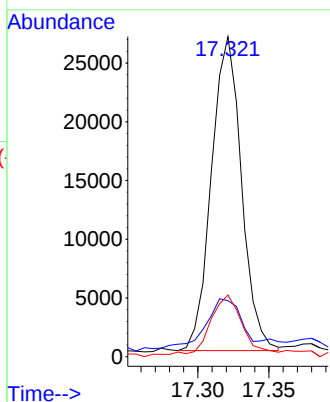
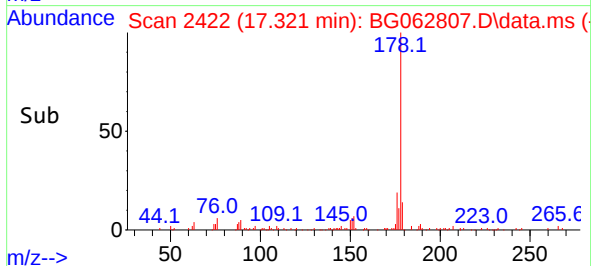
Instrument :
BNA_G
ClientSampleId :
DDC13DL



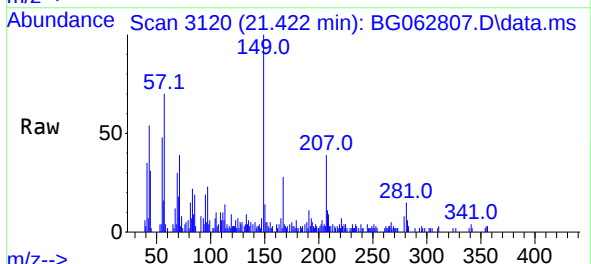
Tgt Ion:178 Resp: 39352
Ion Ratio Lower Upper
178 100
179 17.5 12.1 18.1
176 19.2 14.9 22.3

Manual Integrations
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Supervised By :mohammad ahmed 09/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.131 ng/u1
RT: 21.422 min Scan# 3120
Delta R.T. -0.002 min
Lab File: BG062807.D
Acq: 14 Sep 2024 12:07



Tgt Ion:149 Resp: 12883
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 7.8 3.8 5.6#

