

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062874.D
 Acq On : 16 Sep 2024 10:30
 Operator : JU/RC
 Sample : P3899-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 12:40:36 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	7.915	152	39629	20.000	ng/u1	0.00
20) Naphthalene-d8	10.706	136	135074	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.542	164	122613	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	285011	20.000	ng/u1	0.04
79) Chrysene-d12	21.528	240	320839	20.000	ng/u1	# 0.00
88) Perylene-d12	24.595	264	375083	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	3244	3.700	ng/uL	0.00
4) Pyridine-d5	3.778	84	32629	11.692	ng/u1	0.00
7) Phenol-d5	7.104	99	74335	21.391	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.239	67	76510	36.723	ng/u1	0.00
11) 2-Chlorophenol-d4	7.456	132	52547	20.760	ng/u1	0.02
15) 4-Methylphenol-d8	8.637	113	55510	19.169	ng/u1	0.03
21) Nitrobenzene-d5	9.066	128	36270	37.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.789	143	31164	29.517	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.353	165	64171	27.909	ng/u1	0.03
31) 4-Chloroaniline-d4	10.817	131	100841	31.906	ng/u1	-0.01
46) Dimethylphthalate-d6	13.943	166	193460	20.489	ng/u1	0.00
49) Acenaphthylene-d8	14.237	160	217087	20.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.760	143	37627	23.458	ng/u1	0.03
60) Fluorene-d10	15.541	176	185657	21.820	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.682	200	151037	92.127	ng/u1	0.04
73) Anthracene-d10	17.415	188	291634	21.682	ng/u1	0.04
81) Pyrene-d10	19.677	212	382694	21.197	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.384	264	423078	21.362	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.758	128	456452	63.025	ng/u1	98
36) 2-Methylnaphthalene	12.374	142	949303	177.599	ng/u1	97
37) 1-Methylnaphthalene	12.592	142	585745	106.981	ng/u1#	98
41) 2,4,6-Trichlorophenol	12.985	196	10807	4.233	ng/u1	88
42) 2,4,5-Trichlorophenol	13.062	196	30464	11.113	ng/u1	94
43) 1,1'-Biphenyl	13.373	154	89040	10.327	ng/u1#	88
52) Acenaphthene	14.607	153	55201	7.039	ng/u1	87
58) 2,3,4,6-Tetrachlorophenol	15.200	232	2497479	898.992	ng/u1	97
61) Fluorene	15.594	166	121752	13.304	ng/u1#	88
71) Pentachlorophenol	17.033	266	17192843m	7676.157	ng/u1	
72) Phenanthrene	17.362	178	553630	37.353	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	22877	2.431	ng/u1#	79

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

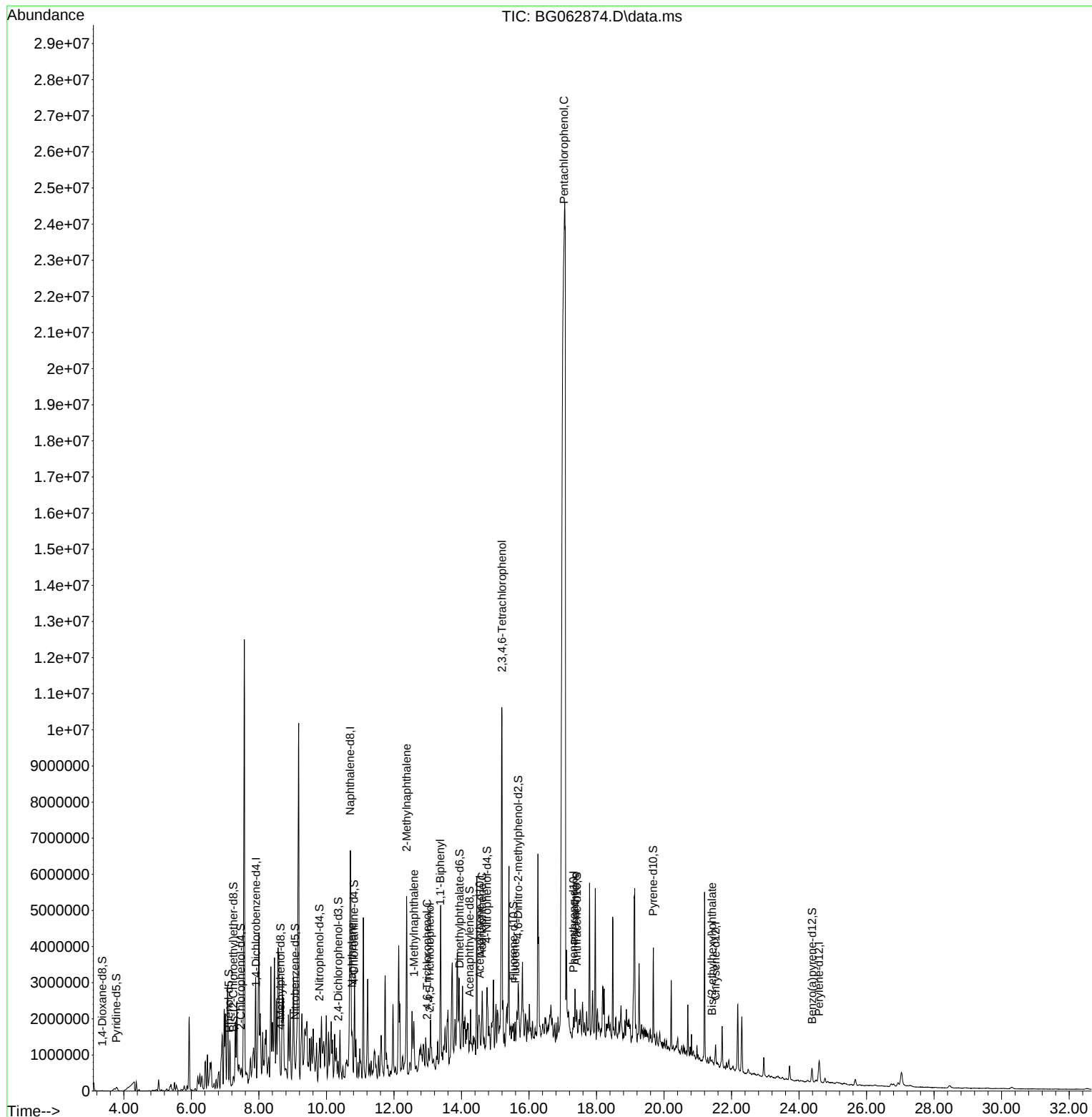
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062874.D
Acq On : 16 Sep 2024 10:30
Operator : JU/RC
Sample : P3899-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

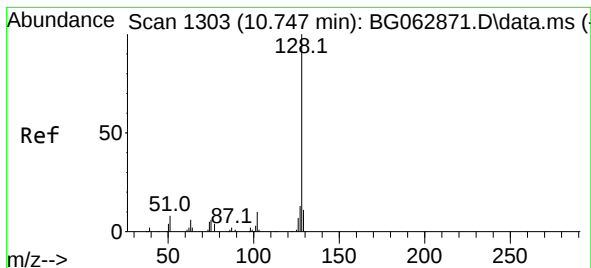
Instrument :
BNA_G
ClientSampleId :
DCVZ9

Quant Time: Sep 16 12:40:36 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
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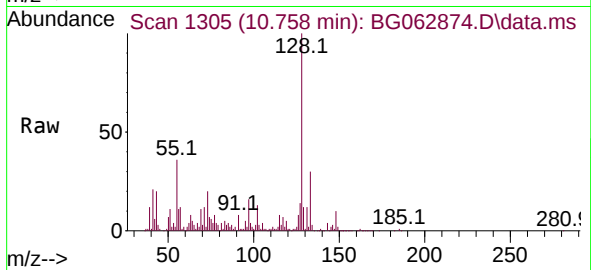
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#30
Naphthalene
Concen: 63.025 ng/ul
RT: 10.758 min Scan# 11
Delta R.T. 0.010 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

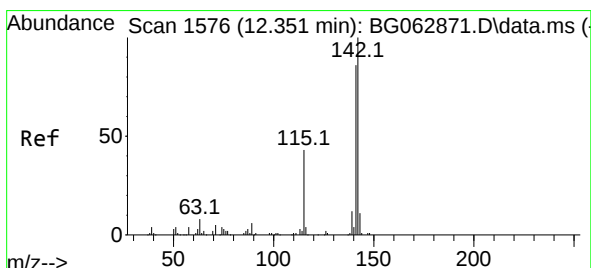
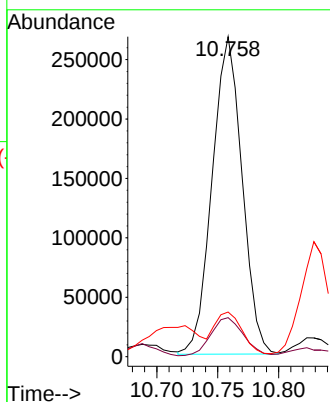
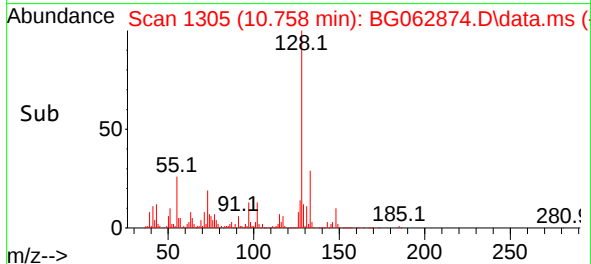
Instrument :
BNA_G
ClientSampleId :
DCVZ9



Tgt Ion:128 Resp: 456452
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 14.0 10.7 16.1

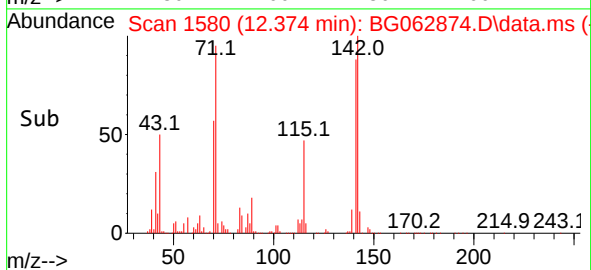
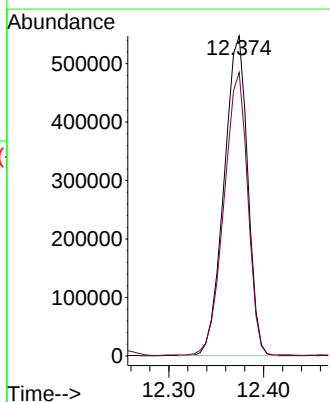
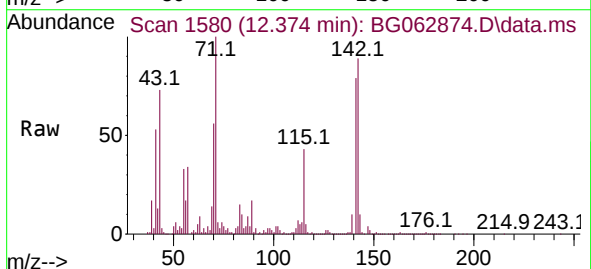
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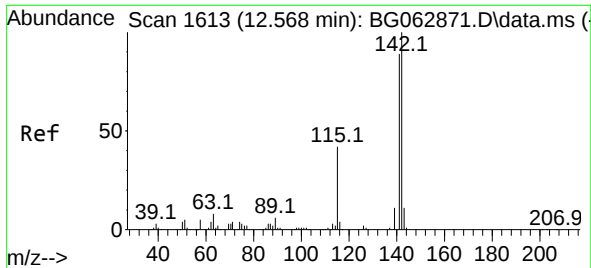
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 177.599 ng/ul
RT: 12.374 min Scan# 1580
Delta R.T. 0.015 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

Tgt Ion:142 Resp: 949303
Ion Ratio Lower Upper
142 100
141 88.6 73.4 110.2





#37

1-Methylnaphthalene

Concen: 106.981 ng/ul

RT: 12.592 min Scan# 1

Delta R.T. 0.015 min

Lab File: BG062874.D

Acq: 16 Sep 2024 10:30

Instrument :

BNA_G

ClientSampleId :

DCVZ9

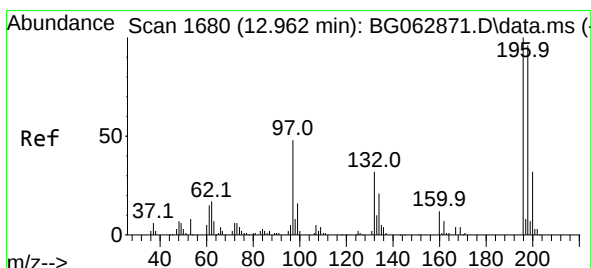
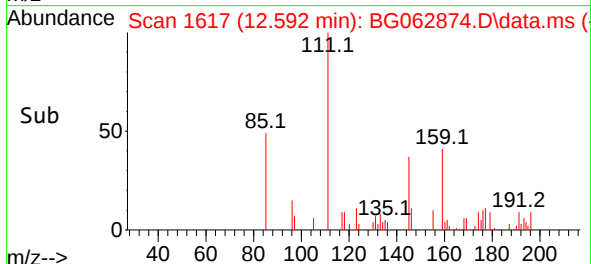
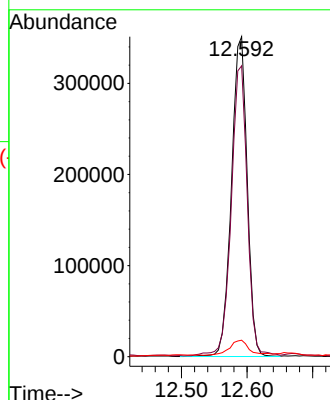
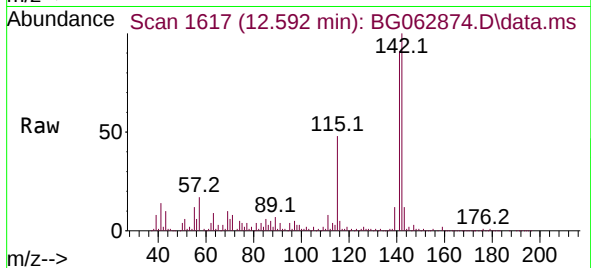
Tgt Ion:142 Resp: 58574

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.1	106.7
116	5.2	3.0	4.6

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#41

2,4,6-Trichlorophenol

Concen: 4.233 ng/ul

RT: 12.985 min Scan# 1684

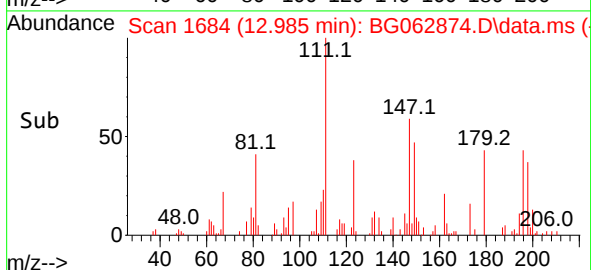
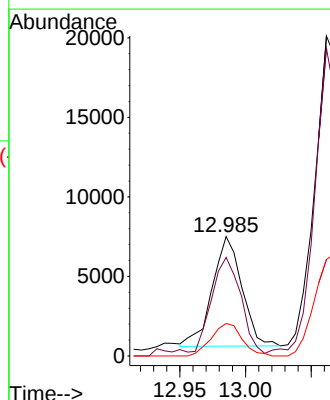
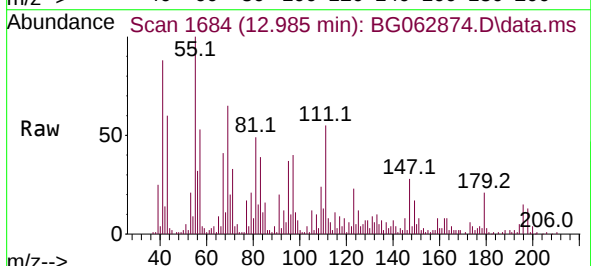
Delta R.T. 0.021 min

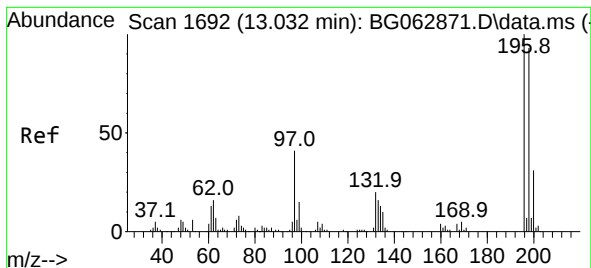
Lab File: BG062874.D

Acq: 16 Sep 2024 10:30

Tgt Ion:196 Resp: 10807

Ion	Ratio	Lower	Upper
196	100		
198	82.5	76.2	114.4
200	27.3	26.0	39.0





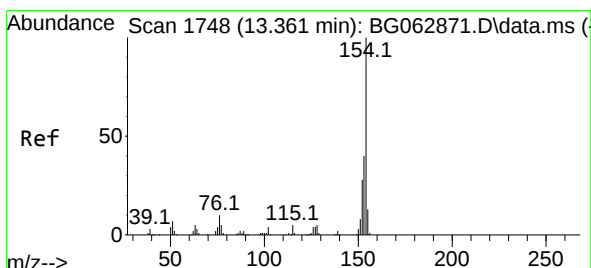
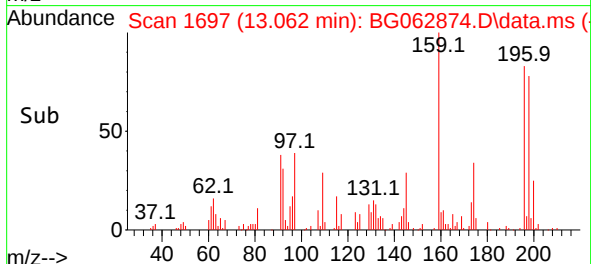
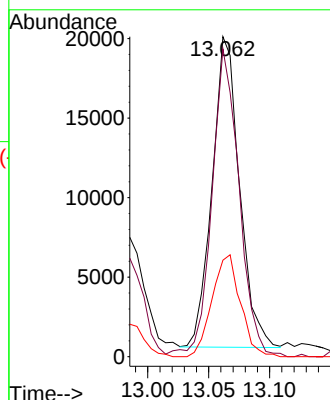
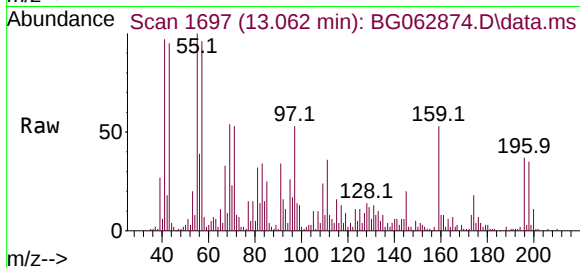
#42
2,4,5-Trichlorophenol
Concen: 11.113 ng/ul
RT: 13.062 min Scan# 1750
Delta R.T. 0.021 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Tgt Ion:196 Resp: 3046
Ion Ratio Lower Upper
196 100
198 96.2 71.2 106.8
200 30.1 24.6 37.0

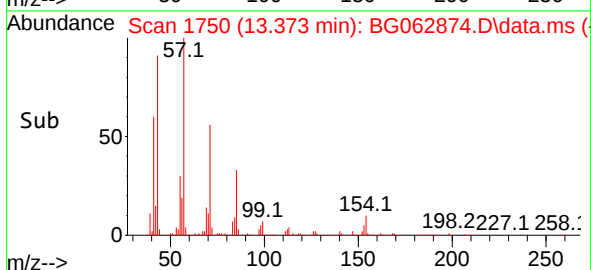
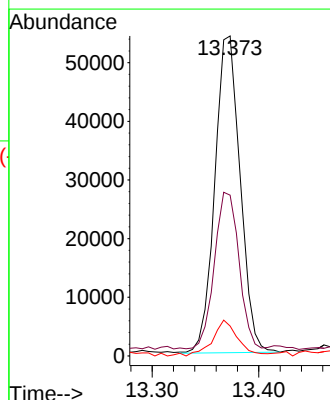
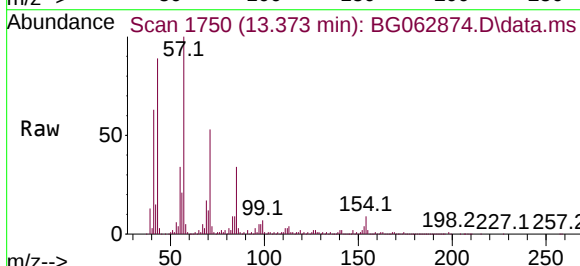
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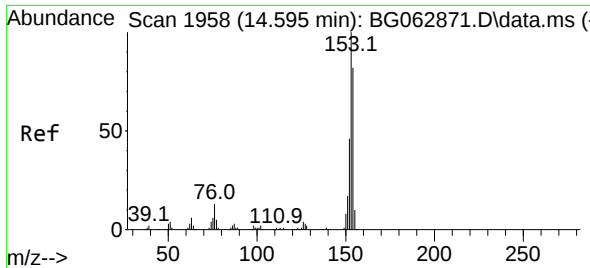
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#43
1,1'-Biphenyl
Concen: 10.327 ng/ul
RT: 13.373 min Scan# 1750
Delta R.T. 0.010 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

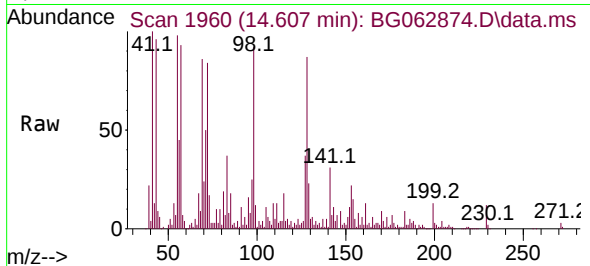
Tgt Ion:154 Resp: 89040
Ion Ratio Lower Upper
154 100
153 50.2 33.4 50.0#
76 9.4 10.1 15.1#





#52
Acenaphthene
Concen: 7.039 ng/ul
RT: 14.607 min Scan# 1958
Delta R.T. 0.010 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

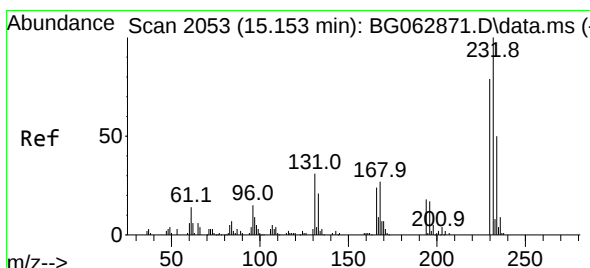
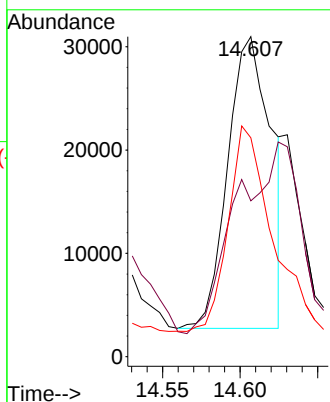
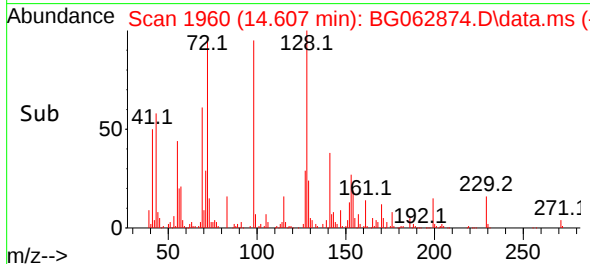
Instrument :
BNA_G
ClientSampleId :
DCVZ9



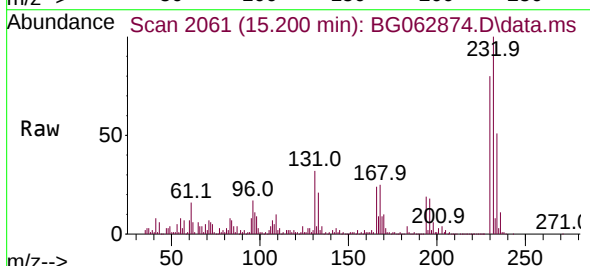
Tgt Ion:153 Resp: 5520
Ion Ratio Lower Upper
153 100
152 48.7 37.2 55.8
154 68.4 67.8 101.6

Manual Integrations
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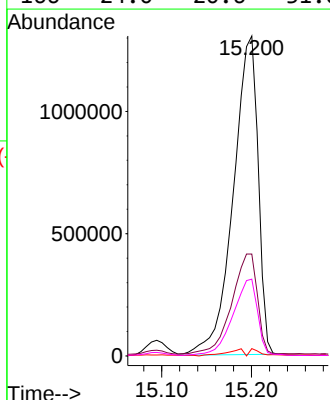
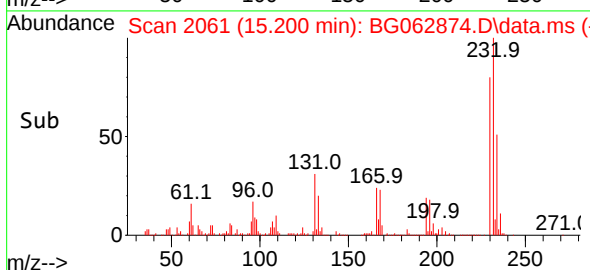
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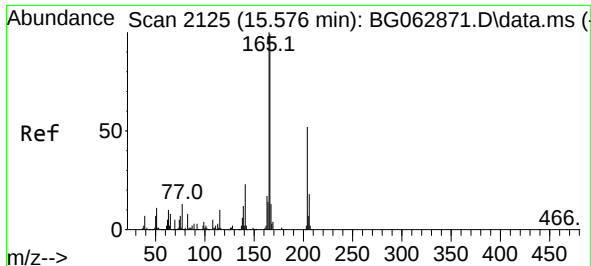


#58
2,3,4,6-Tetrachlorophenol
Concen: 898.992 ng/ul
RT: 15.200 min Scan# 2061
Delta R.T. 0.045 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30



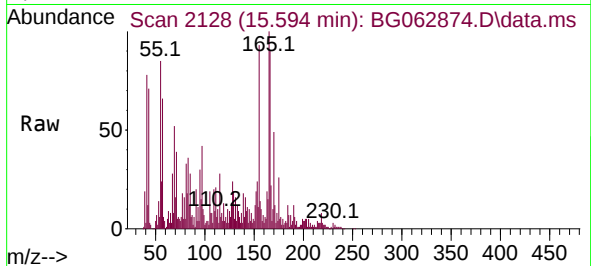
Tgt Ion:232 Resp: 2497479
Ion Ratio Lower Upper
232 100
131 31.8 26.6 40.0
130 2.3 1.6 2.4
166 24.0 20.6 31.0





#61
Fluorene
Concen: 13.304 ng/ul
RT: 15.594 min Scan# 2125
Delta R.T. 0.015 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

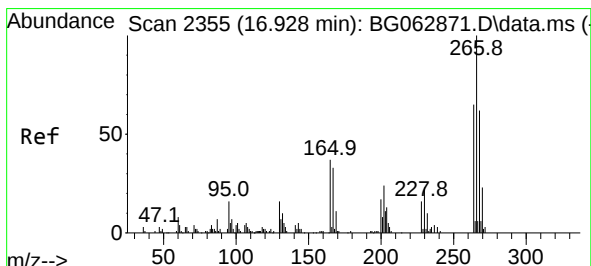
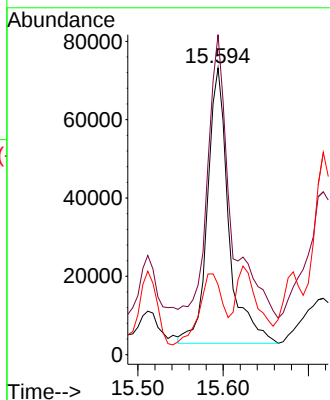
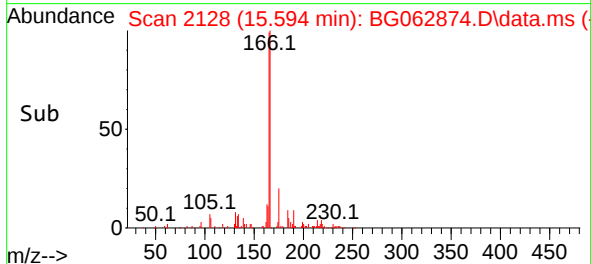
Instrument :
BNA_G
ClientSampleId :
DCVZ9



Tgt Ion:166 Resp: 121752
Ion Ratio Lower Upper
166 100
165 111.6 80.9 121.3
167 24.4 10.9 16.3

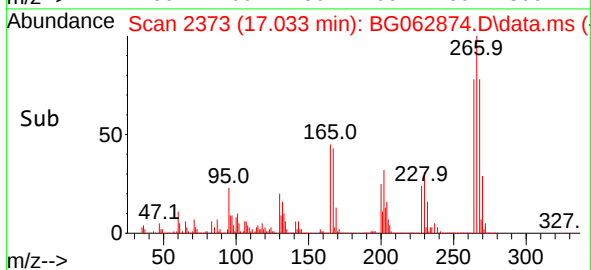
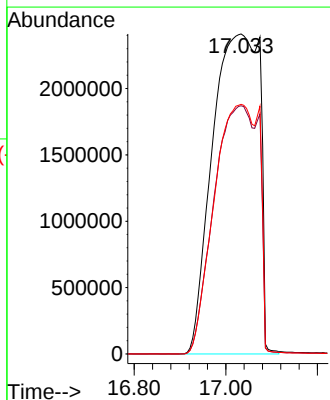
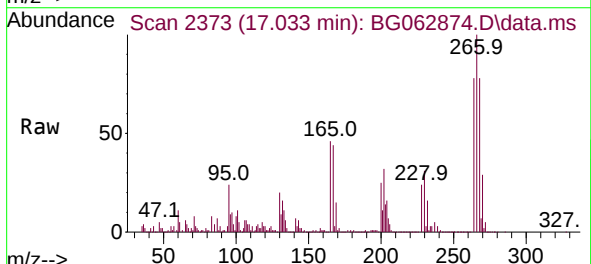
Manual Integrations
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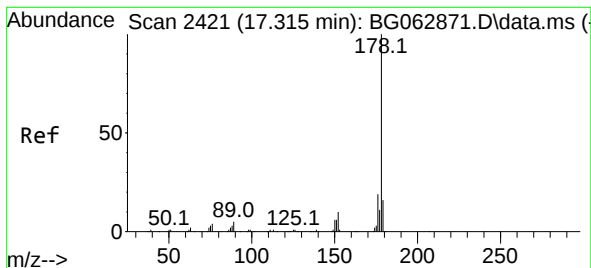
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#71
Pentachlorophenol
Concen: 7676.157 ng/ul m
RT: 17.033 min Scan# 2373
Delta R.T. 0.104 min
Lab File: BG062874.D
Acq: 16 Sep 2024 10:30

Tgt Ion:266 Resp:17192843
Ion Ratio Lower Upper
266 100
264 77.5 48.6 72.8#
268 78.0 49.5 74.3#





#72

Phenanthrene

Concen: 37.353 ng/u1

RT: 17.362 min Scan# 2421

Delta R.T. 0.039 min

Lab File: BG062874.D

Acq: 16 Sep 2024 10:30

Instrument :

BNA_G

ClientSampleId :

DCVZ9

Tgt Ion:178 Resp: 553630

Ion Ratio Lower Upper

178 100

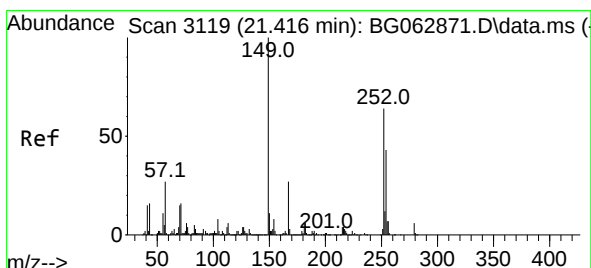
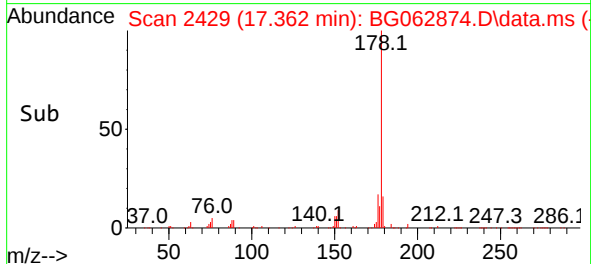
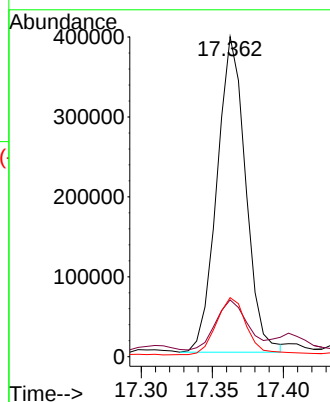
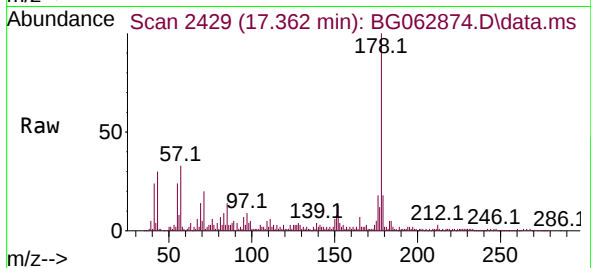
179 17.7 12.1 18.1

176 18.5 14.9 22.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.431 ng/u1

RT: 21.422 min Scan# 3120

Delta R.T. -0.002 min

Lab File: BG062874.D

Acq: 16 Sep 2024 10:30

Tgt Ion:149 Resp: 22877

Ion Ratio Lower Upper

149 100

167 38.3 21.3 31.9#

279 8.6 3.8 5.6#

