Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064401.D
Acq On : 17 Sep 2025 2:17
Operator : RC/JU
Sample : Q3084-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 17 05:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PMW-5(20250911)

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	18536	20.000	ng/ul	# 0.02
20) Naphthalene-d8	10.688	136	82295	20.000	ng/ul	# 0.05
38) Acenaphthene-d10	14.466	164	56648	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	128159	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.434	240	145408	20.000	ng/ul	0.00
88) Perylene-d12	24.436	264	163563	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	2505m	7.099	ng/uL	0.00
4) Pyridine-d5	3.725	84	15371	14.931	ng/ul	0.00
7) Phenol-d5	7.015	99	14308	9.444	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.180	67	31084	39.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.380	132	40289	33.249	ng/ul	0.00
15) 4-Methylphenol-d8	8.549	113	28114	20.395	ng/ul	0.00
21) Nitrobenzene-d5	9.001	128	28875	44.716	ng/ul	0.00
24) 2-Nitrophenol-d4	9.724	143	31787m	40.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	55128	37.639	ng/ul	0.01
31) 4-Chloroaniline-d4	10.782	131	57708m	29.145	ng/ul	0.02
46) Dimethylphthalate-d6	13.878	166	214743	42.535	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	211823	43.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.671	143	7769	9.821	ng/ul	0.00
60) Fluorene-d10	15.459	176	181394	44.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.576	200	42541	46.536	ng/ul	0.00
73) Anthracene-d10	17.303	188	307323	48.071	ng/ul	0.00
81) Pyrene-d10	19.595	212	379022	46.277	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.236	264	411134	48.771	ng/ul	0.00
Target Compounds						Qvalue
12) 2-Chlorophenol	7.415	128	3433	2.725	ng/ul#	87
13) 2-Methylphenol	8.285	108	8667	6.731	ng/ul	99
18) 4-Methylphenol	8.608	108	10793	7.794	ng/ul	82
29) 2,4-Dichlorophenol	10.341	162	28016m	20.965	ng/ul	
36) 2-Methylnaphthalene	12.297	142	12330	3.615	ng/ul	86
37) 1-Methylnaphthalene	12.509	142	6521	1.924	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.662	216	19598m	10.917	ng/ul	
42) 2,4,5-Trichlorophenol	12.973	196	25960	21.102	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.267	216	11175	6.435	ng/ul	92

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

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
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Instrument :
BNA_G
ClientSampleId :
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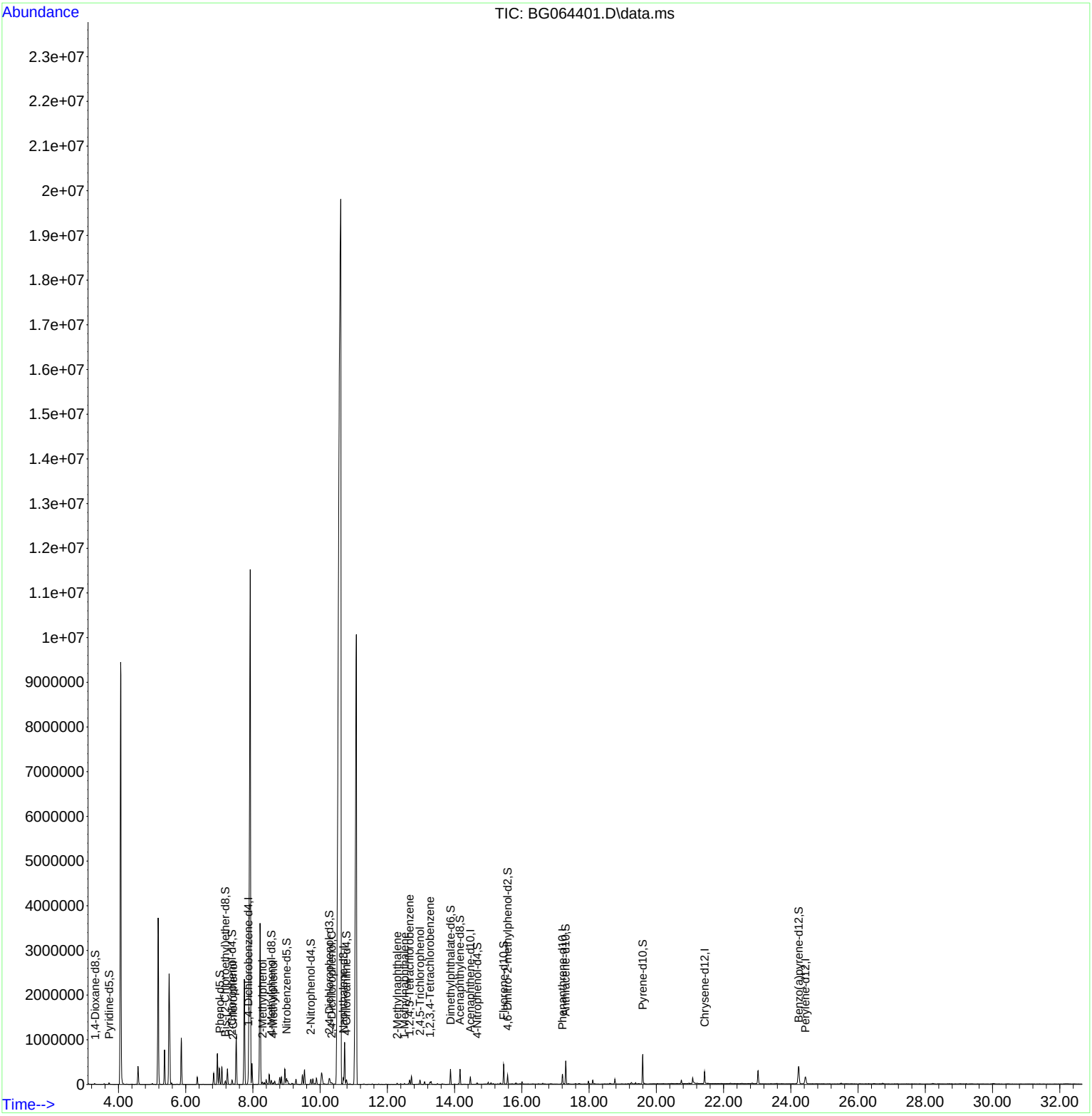
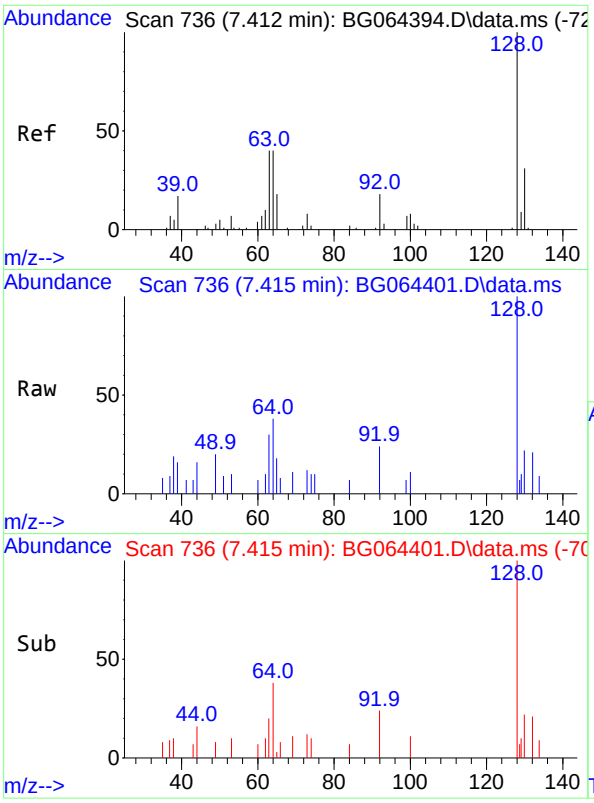
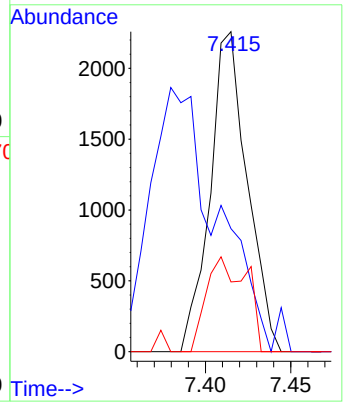




#12
2-Chlorophenol
Concen: 2.725 ng/ul
RT: 7.415 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:128 Resp: 343

Ion	Ratio	Lower	Upper
128	100		
64	36.0	35.0	52.6
130	20.4	22.1	33.1



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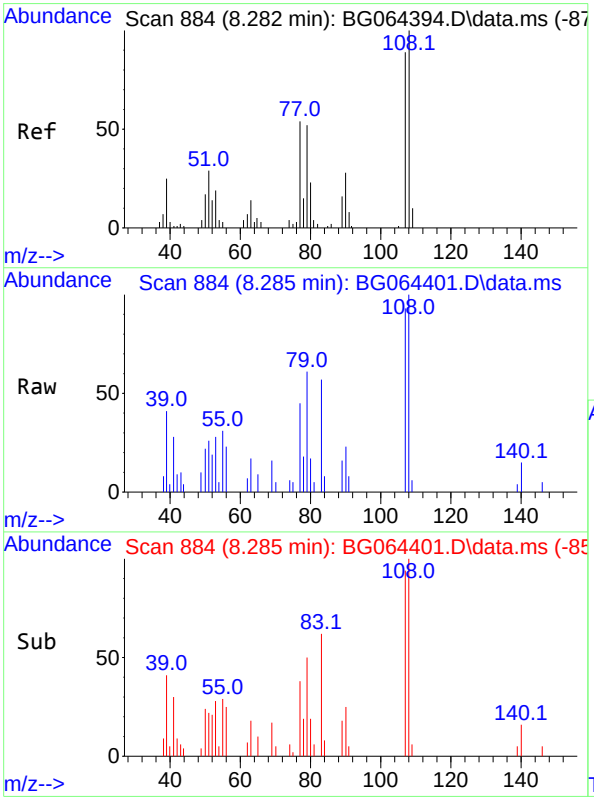
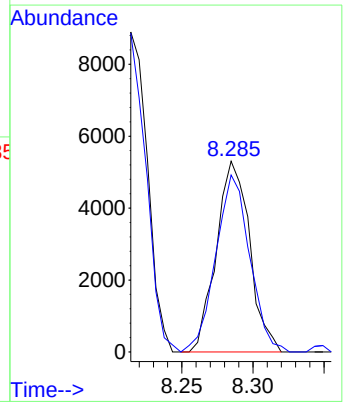
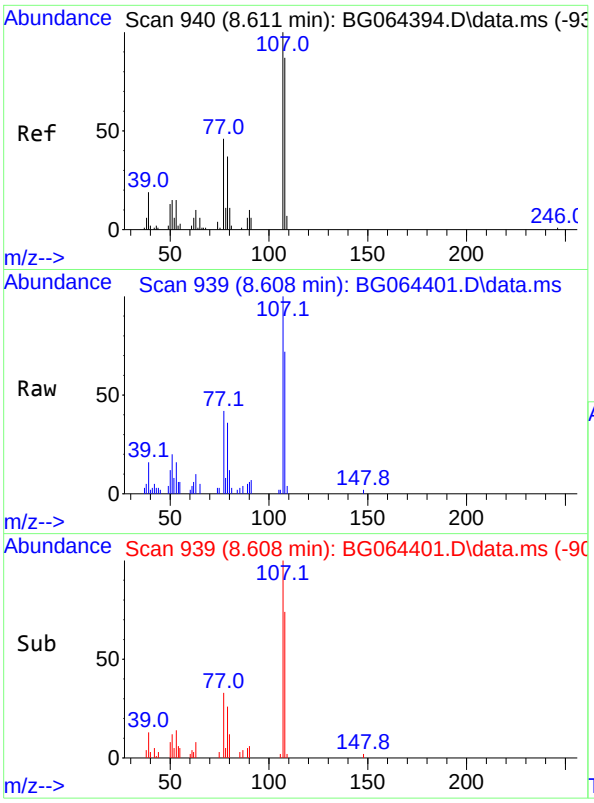


#13
2-Methylphenol
Concen: 6.731 ng/ul
RT: 8.285 min Scan# 884
Delta R.T. -0.005 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:108 Resp: 8667

Ion	Ratio	Lower	Upper
108	100		
107	92.8	73.4	110.0

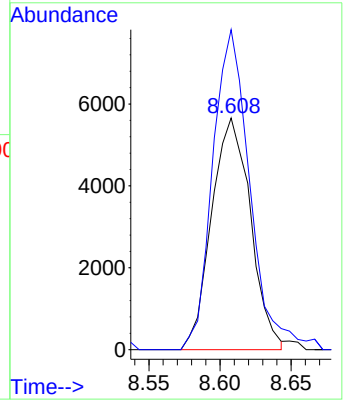




#18
4-Methylphenol
Concen: 7.794 ng/ul
RT: 8.608 min Scan# 9
Delta R.T. -0.005 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:108 Resp: 1079

Ion	Ratio	Lower	Upper
108	100		
107	138.1	95.0	142.6



Instrument :
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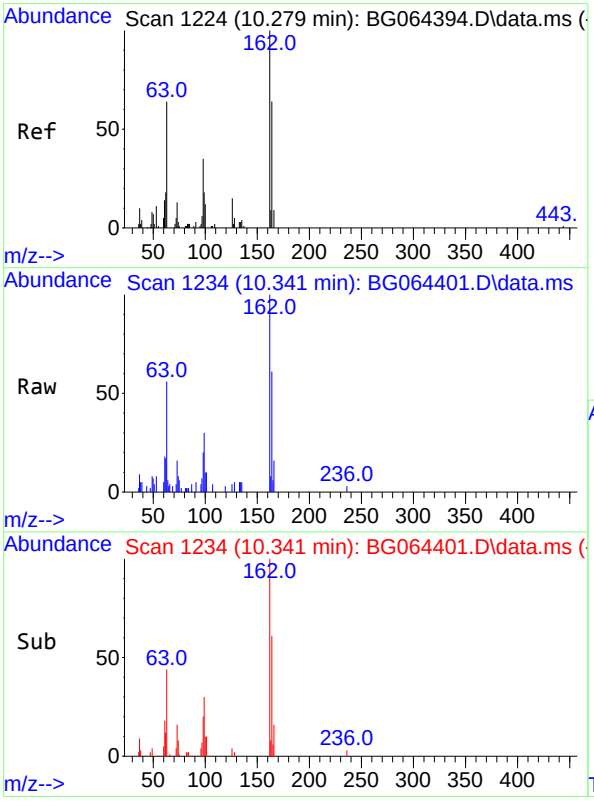
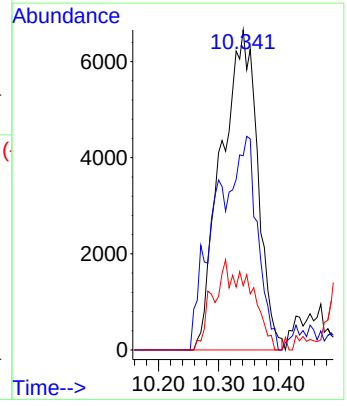
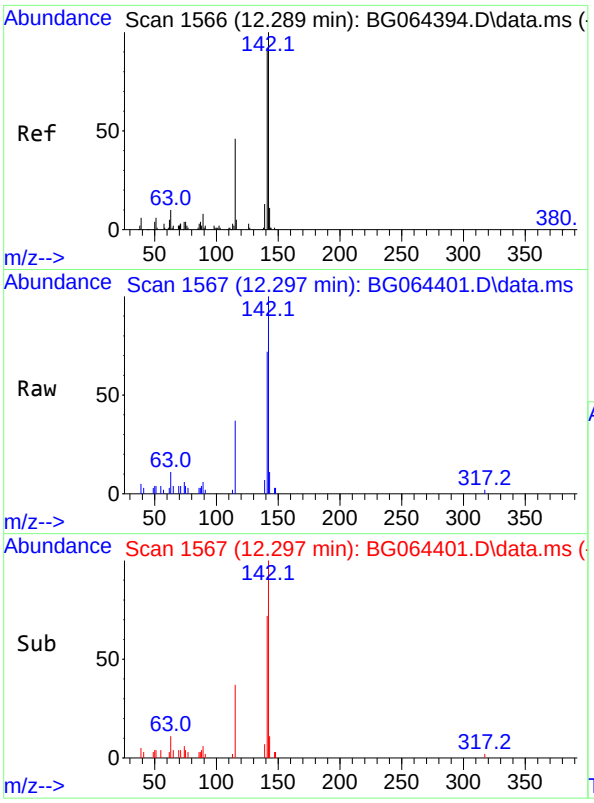


#29
2,4-Dichlorophenol
Concen: 20.965 ng/ul m
RT: 10.341 min Scan# 1234
Delta R.T. 0.060 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:162 Resp: 28016

Ion	Ratio	Lower	Upper
162	100		
164	60.7	49.8	74.8
98	20.1	31.0	46.6#





#36
2-Methylnaphthalene
Concen: 3.615 ng/ul
RT: 12.297 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:142 Resp: 1233

Ion	Ratio	Lower	Upper
142	100		
141	71.6	67.2	100.8

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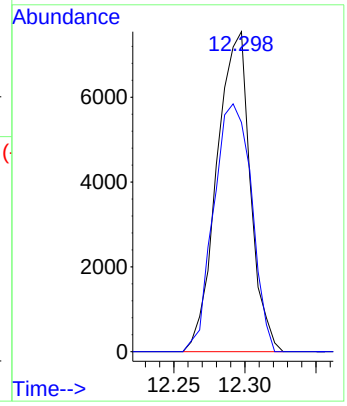
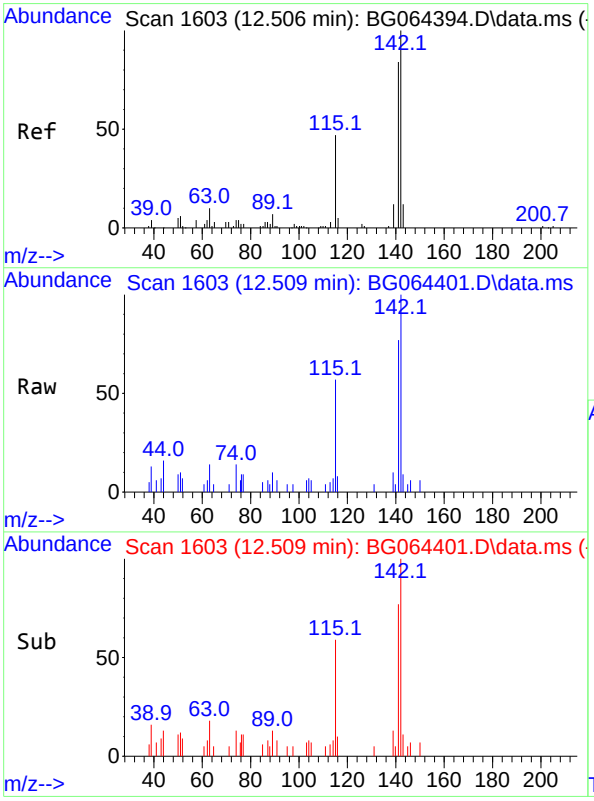
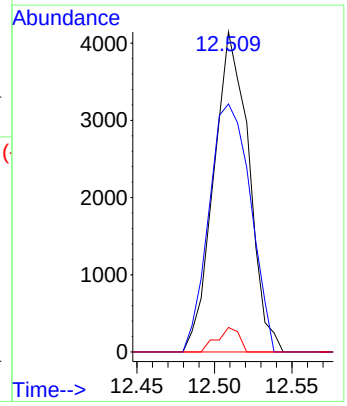


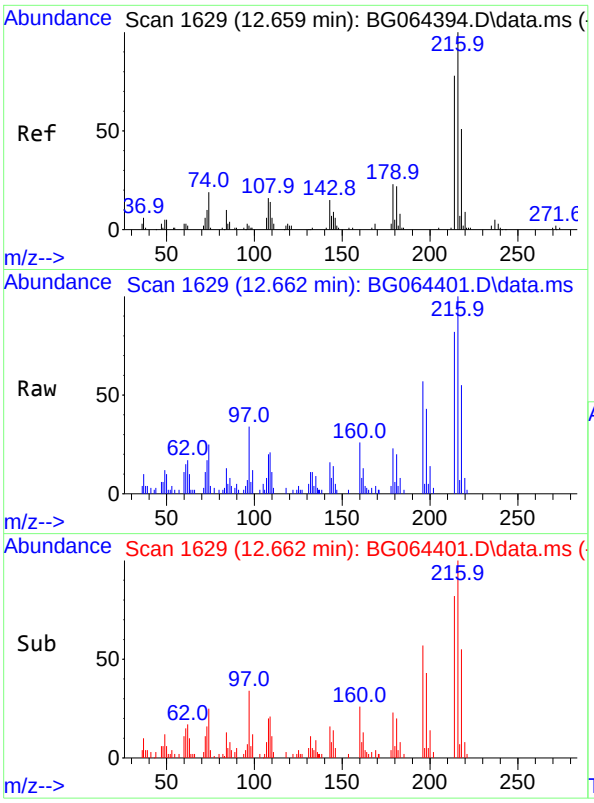


#37
1-Methylnaphthalene
Concen: 1.924 ng/ul
RT: 12.509 min Scan# 1603
Delta R.T. -0.005 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:142 Resp: 6521

Ion	Ratio	Lower	Upper
142	100		
141	77.5	68.6	103.0
116	7.7	4.2	6.4#

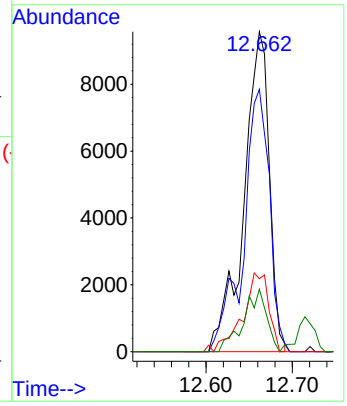




#39
1,2,4,5-Tetrachlorobenzene
Concen: 10.917 ng/ul m
RT: 12.662 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:216 Resp: 1959

Ion	Ratio	Lower	Upper
216	100		
214	82.0	64.4	96.6
179	22.8	16.4	24.6
108	19.5	11.9	17.9#



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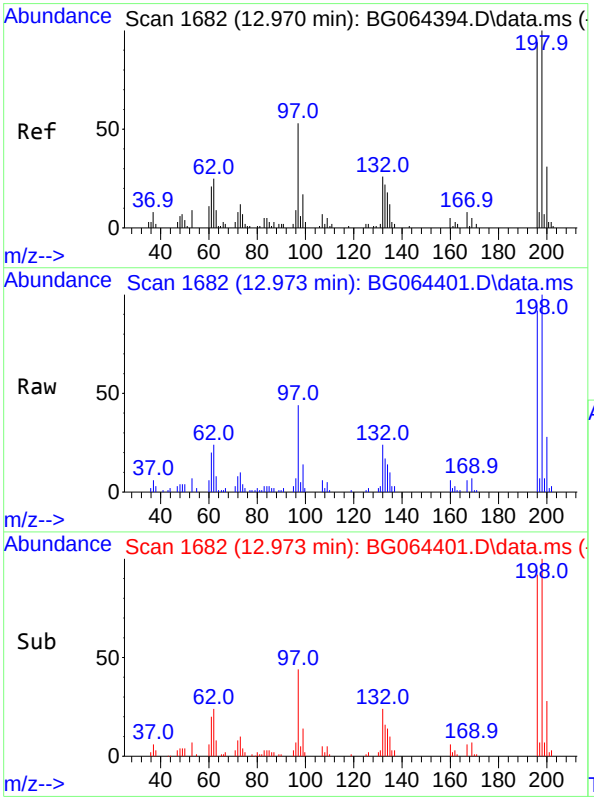
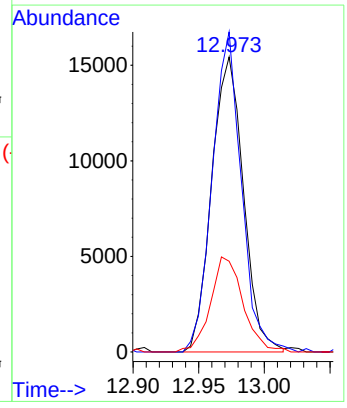
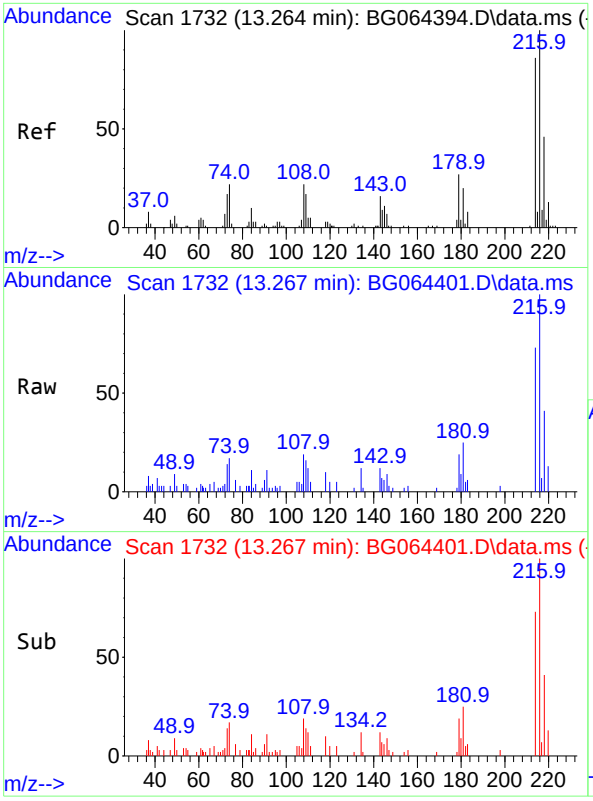


#42
2,4,5-Trichlorophenol
Concen: 21.102 ng/ul
RT: 12.973 min Scan# 1682
Delta R.T. -0.005 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:196 Resp: 25960

Ion	Ratio	Lower	Upper
196	100		
198	108.5	85.4	128.0
200	30.8	30.5	45.7

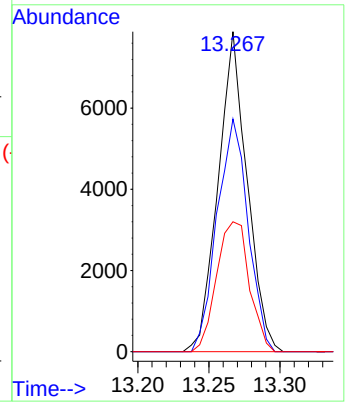




#75
1,2,3,4-Tetrachlorobenzene
Concen: 6.435 ng/ul
RT: 13.267 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064401.D
Acq: 17 Sep 2025 2:17

Tgt Ion:216 Resp: 1117

Ion	Ratio	Lower	Upper
216	100		
214	72.7	62.6	94.0
218	40.6	38.2	57.4



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