Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064450.D
Acq On : 25 Sep 2025 18:45
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 29 17:48:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	15620	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	66785	20.000	ng	0.00
39) Acenaphthene-d10	14.466	164	50177	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	125215	20.000	ng	0.00
76) Chrysene-d12	21.434	240	139874	20.000	ng	0.00
86) Perylene-d12	24.430	264	150557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	70219	85.906	ng	0.00
7) Phenol-d6	7.010	99	98614	88.062	ng	0.00
23) Nitrobenzene-d5	8.990	82	109282	88.680	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	74766	85.352	ng	0.00
45) 2-Fluorobiphenyl	13.091	172	287867	84.716	ng	0.00
79) Terphenyl-d14	19.824	244	609626	85.916	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	14231	41.489	ng	100
3) Pyridine	3.731	79	40161	43.430	ng	100
4) n-Nitrosodimethylamine	3.649	42	29233	41.385	ng	100
6) Aniline	7.168	93	64238	44.299	ng	100
8) 2-Chlorophenol	7.403	128	45815	44.801	ng	100
9) Benzaldehyde	6.980	77	47973	50.330	ng	100
10) Phenol	7.039	94	52736	43.494	ng	100
11) bis(2-Chloroethyl)ether	7.262	93	36174	44.433	ng	100
12) 1,3-Dichlorobenzene	7.726	146	48582	42.383	ng	100
13) 1,4-Dichlorobenzene	7.873	146	51460	43.948	ng	100
14) 1,2-Dichlorobenzene	8.191	146	48481	43.691	ng	100
15) Benzyl Alcohol	8.073	79	45905	43.506	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.361	45	60866	42.877	ng	100
17) 2-Methylphenol	8.279	107	38439	43.884	ng	100
18) Hexachloroethane	8.913	117	19224	43.515	ng	100
19) n-Nitroso-di-n-propyla...	8.637	70	33536	44.306	ng	100
20) 3+4-Methylphenols	8.608	107	52475	42.618	ng	100
22) Acetophenone	8.655	105	70922	44.357	ng	100
24) Nitrobenzene	9.037	77	54080	44.958	ng	100
25) Isophorone	9.554	82	97492	42.757	ng	100
26) 2-Nitrophenol	9.742	139	25769	43.521	ng	100
27) 2,4-Dimethylphenol	9.806	122	42601	44.608	ng	100
28) bis(2-Chloroethoxy)met...	10.036	93	50628	42.979	ng	100
29) 2,4-Dichlorophenol	10.276	162	49209	44.771	ng	100
30) 1,2,4-Trichlorobenzene	10.494	180	51622	43.909	ng	100
31) Naphthalene	10.676	128	149931	43.002	ng	100
32) Benzoic acid	9.953	122	31657m	44.805	ng	
33) 4-Chloroaniline	10.782	127	57495	45.079	ng	100
34) Hexachlorobutadiene	10.964	225	44299	44.236	ng	100
35) Caprolactam	11.551	113	15426	42.536	ng	100
36) 4-Chloro-3-methylphenol	11.910	107	56075	43.042	ng	100
37) 2-Methylnaphthalene	12.286	142	113865	43.250	ng	100
38) 1-Methylnaphthalene	12.503	142	110815	42.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.656	216	70094	43.832	ng	100
41) Hexachlorocyclopentadiene	12.638	237	36649	43.153	ng	100
43) 2,4,6-Trichlorophenol	12.897	196	45249	43.379	ng	100

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	48774	42.178	ng	100
46) 1,1'-Biphenyl	13.296	154	152347	42.682	ng	100
47) 2-Chloronaphthalene	13.338	162	114578	42.235	ng	100
48) 2-Nitroaniline	13.543	65	40740	43.694	ng	100
49) Acenaphthylene	14.184	152	173524	43.085	ng	100
50) Dimethylphthalate	13.925	163	161350	42.092	ng	100
51) 2,6-Dinitrotoluene	14.043	165	35427	44.001	ng	100
52) Acenaphthene	14.530	154	119888	43.497	ng	100
53) 3-Nitroaniline	14.366	138	34151	44.762	ng	100
54) 2,4-Dinitrophenol	14.577	184	22631	42.323	ng	100
55) Dibenzofuran	14.865	168	192093	42.035	ng	100
56) 4-Nitrophenol	14.683	139	26927	43.603	ng	100
57) 2,4-Dinitrotoluene	14.824	165	52729	42.899	ng	100
58) Fluorene	15.511	166	162346	43.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	50793	44.754	ng	100
60) Diethylphthalate	15.288	149	178543	43.227	ng	100
61) 4-Chlorophenyl-phenyle...	15.506	204	89181	43.291	ng	100
62) 4-Nitroaniline	15.535	138	36479	44.591	ng	100
63) Azobenzene	15.799	77	140272	43.401	ng	100
65) 4,6-Dinitro-2-methylph...	15.594	198	37619	43.859	ng	100
66) n-Nitrosodiphenylamine	15.723	169	140984	42.194	ng	100
67) 4-Bromophenyl-phenylether	16.399	248	63403	43.215	ng	100
68) Hexachlorobenzene	16.516	284	70671	42.326	ng	100
69) Atrazine	16.675	200	64247	42.322	ng	100
70) Pentachlorophenol	16.863	266	44158	43.823	ng	100
71) Phenanthrene	17.251	178	279949	43.014	ng	100
72) Anthracene	17.339	178	278620	42.040	ng	100
73) Carbazole	17.609	167	252665	43.456	ng	100
74) Di-n-butylphthalate	18.173	149	306480	43.093	ng	100
75) Fluoranthene	19.260	202	353132	42.967	ng	100
77) Benzidine	19.442	184	193720	52.897	ng	100
78) Pyrene	19.618	202	372354	42.903	ng	100
80) Butylbenzylphthalate	20.517	149	139596	43.032	ng	100
81) Benzo(a)anthracene	21.416	228	380705	42.509	ng	100
82) 3,3'-Dichlorobenzidine	21.340	252	132191	42.919	ng	100
83) Chrysene	21.481	228	352536	41.565	ng	100
84) Bis(2-ethylhexyl)phtha...	21.340	149	199336	42.657	ng	100
85) Di-n-octyl phthalate	22.474	149	337492	42.486	ng	100
87) Indeno(1,2,3-cd)pyrene	27.809	276	452941	42.567	ng	100
88) Benzo(b)fluoranthene	23.490	252	371712	43.068	ng	100
89) Benzo(k)fluoranthene	23.555	252	368356	42.638	ng	100
90) Benzo(a)pyrene	24.295	252	341781	42.749	ng	100
91) Dibenzo(a,h)anthracene	27.868	278	365777	42.402	ng	100
92) Benzo(g,h,i)perylene	28.866	276	347587	41.955	ng	100

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

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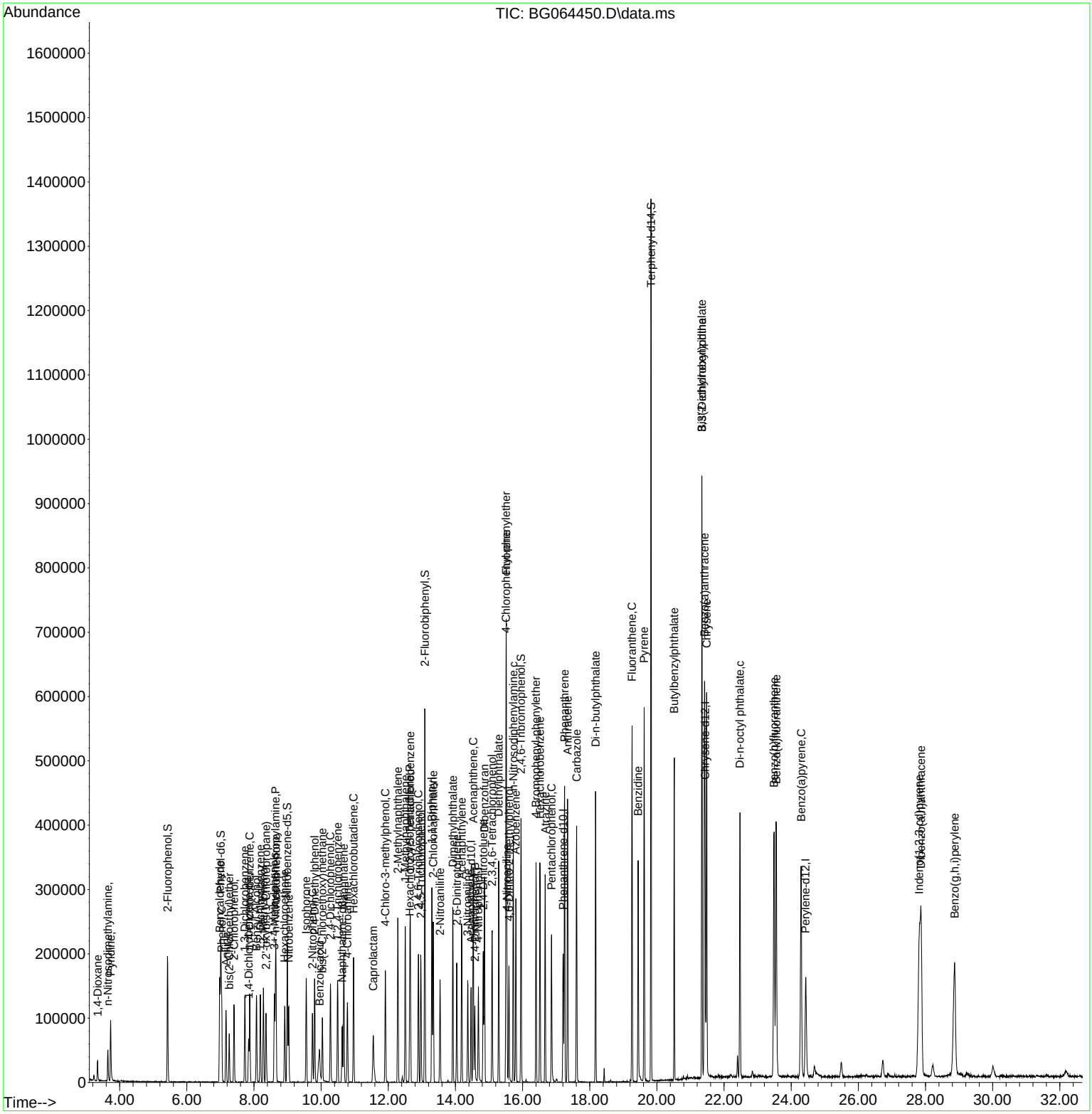
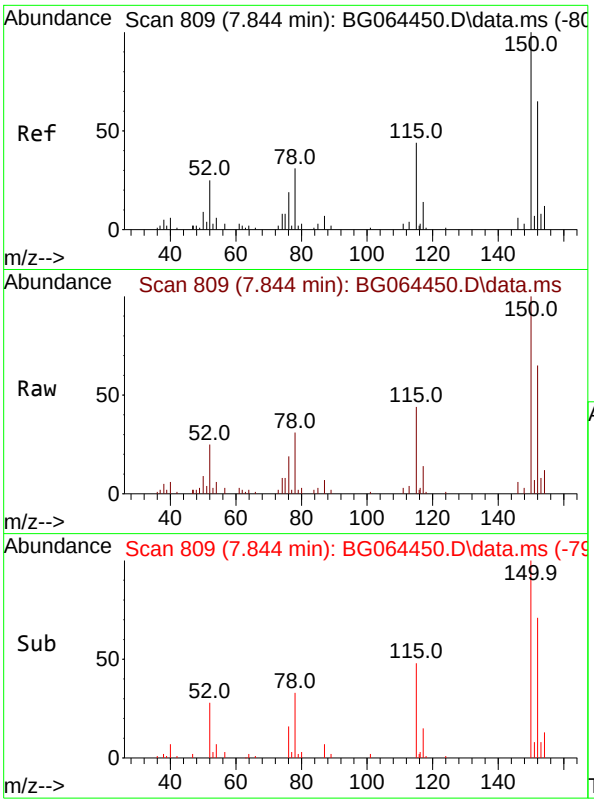
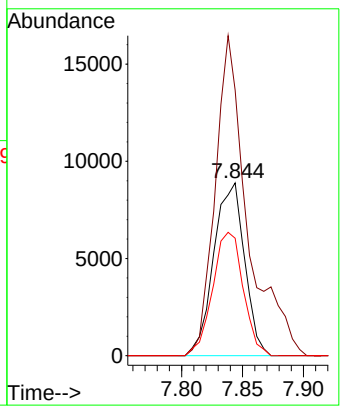




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:152 Resp: 1562

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.9	184.3
115	67.9	54.3	81.5



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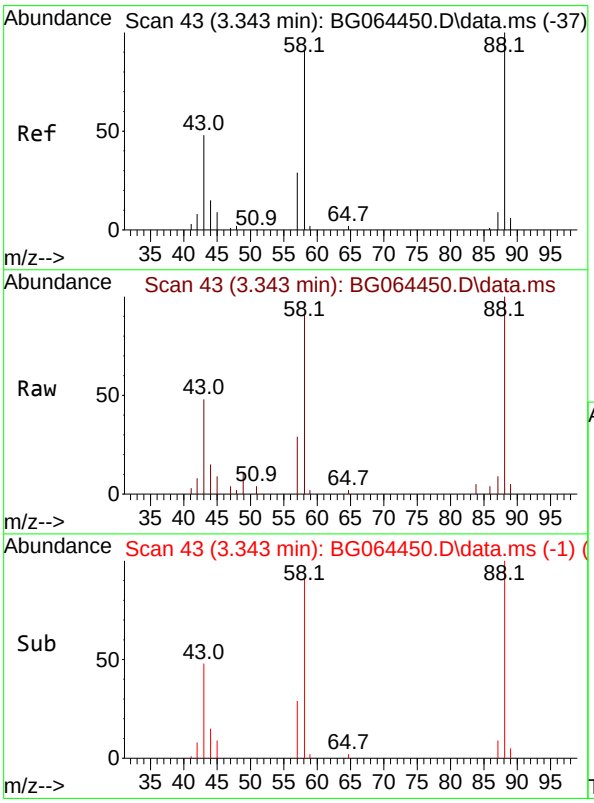
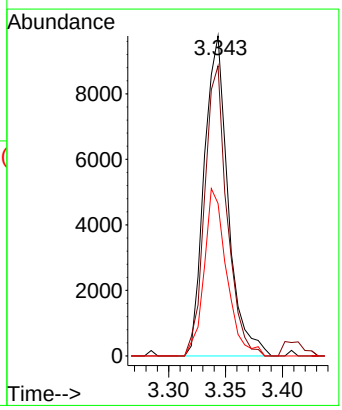
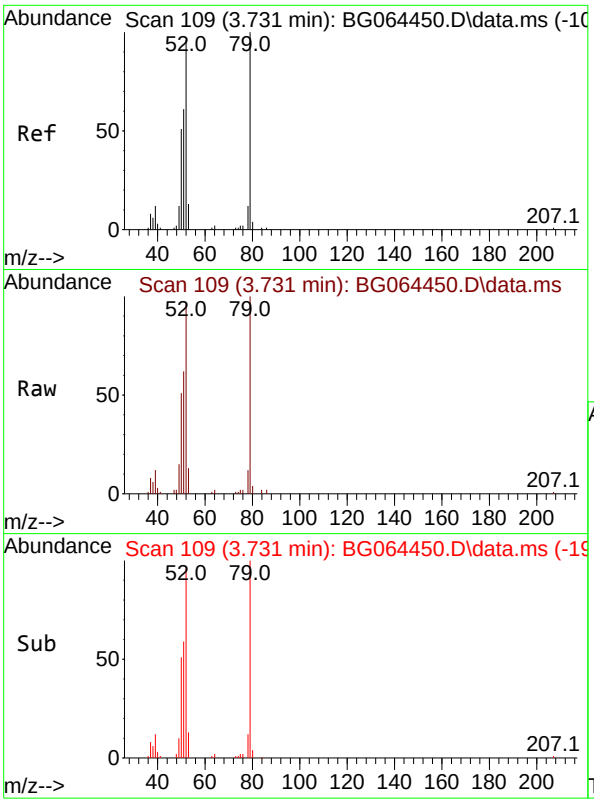


#2
1,4-Dioxane
Concen: 41.489 ng
RT: 3.343 min Scan# 43
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 88 Resp: 14231

Ion	Ratio	Lower	Upper
88	100		
58	84.9	67.9	101.9
43	49.3	39.4	59.2

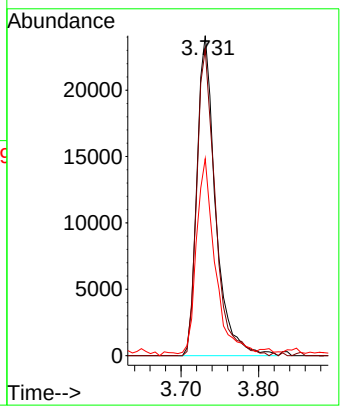




#3
Pyridine
Concen: 43.430 ng
RT: 3.731 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 79 Resp: 4016

Ion	Ratio	Lower	Upper
79	100		
52	95.7	76.6	114.8
51	61.6	49.3	73.9



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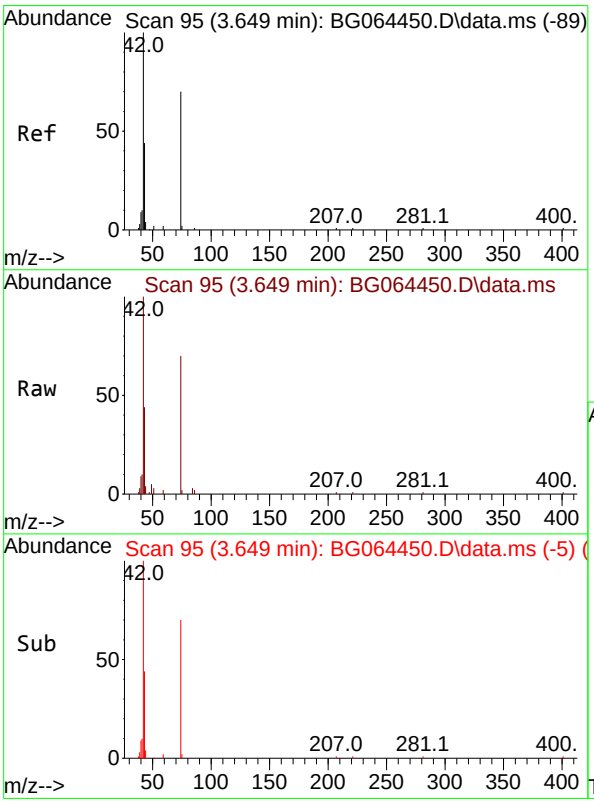
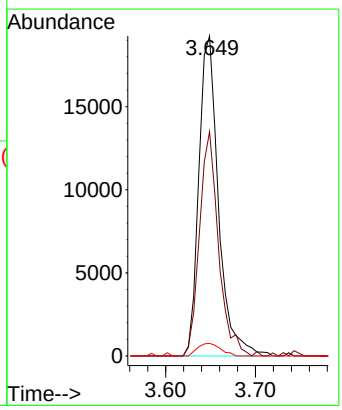
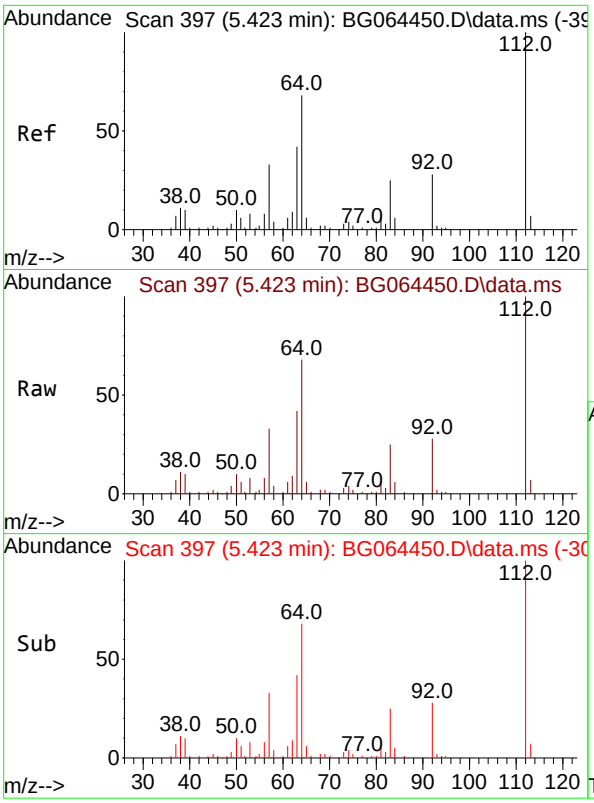


#4
n-Nitrosodimethylamine
Concen: 41.385 ng
RT: 3.649 min Scan# 95
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 42 Resp: 29233

Ion	Ratio	Lower	Upper
42	100		
74	70.1	56.1	84.1
44	3.9	3.1	4.7





#5
2-Fluorophenol
Concen: 85.906 ng
RT: 5.423 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:112 Resp: 7021

Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.0	81.0
63	42.2	33.8	50.6

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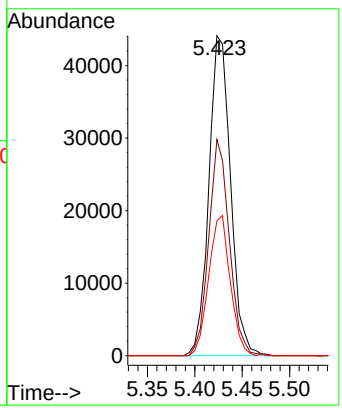
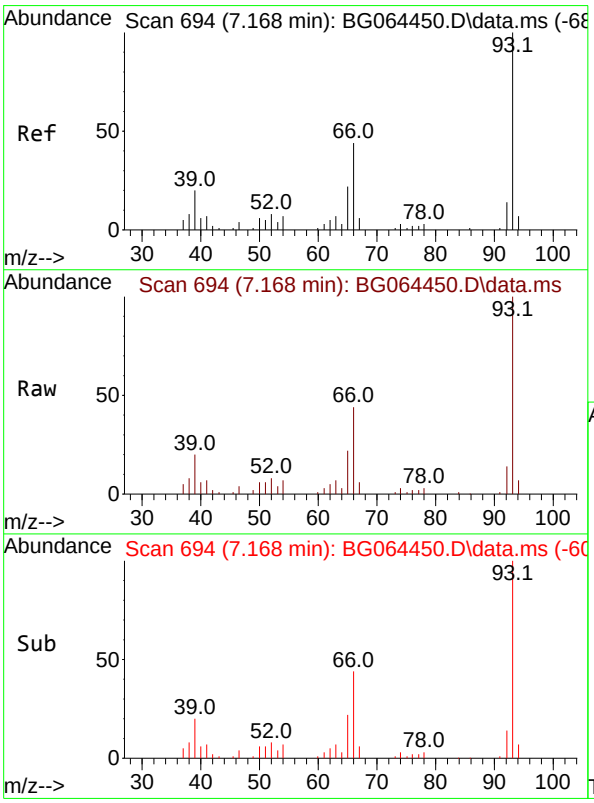
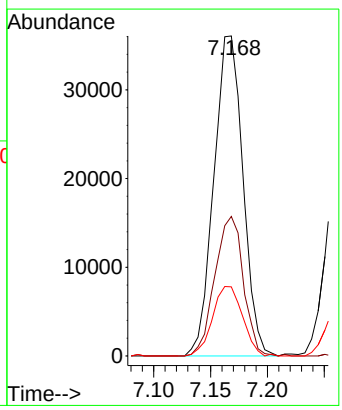


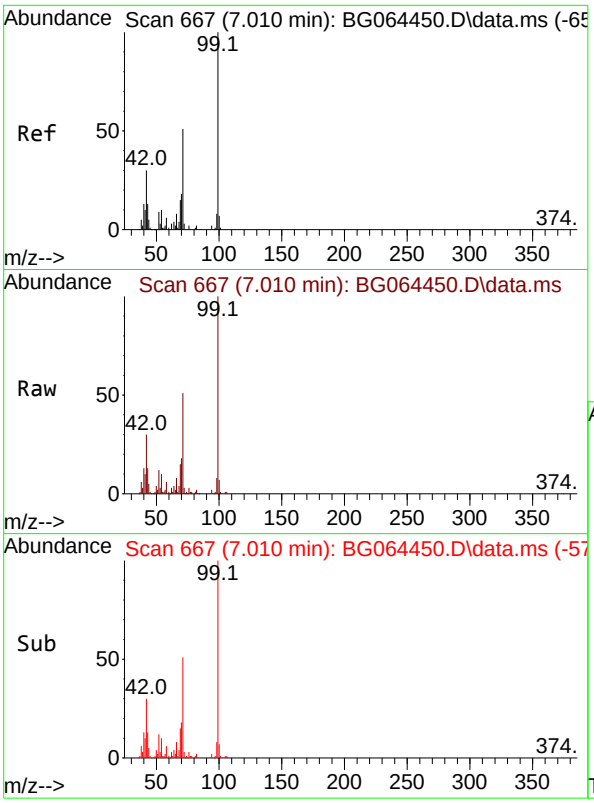


#6
Aniline
Concen: 44.299 ng
RT: 7.168 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 93 Resp: 64238

Ion	Ratio	Lower	Upper
93	100		
66	43.6	34.9	52.3
65	21.6	17.3	25.9





#7
Phenol-d6
Concen: 88.062 ng
RT: 7.010 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 99 Resp: 9861

Ion	Ratio	Lower	Upper
99	100		
42	30.0	24.0	36.0
71	50.6	40.5	60.7

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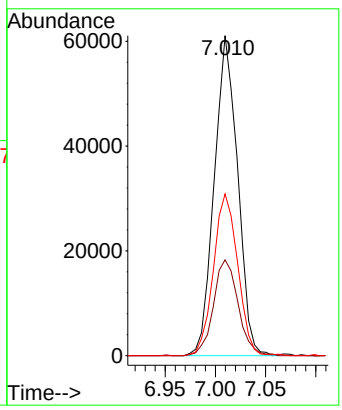
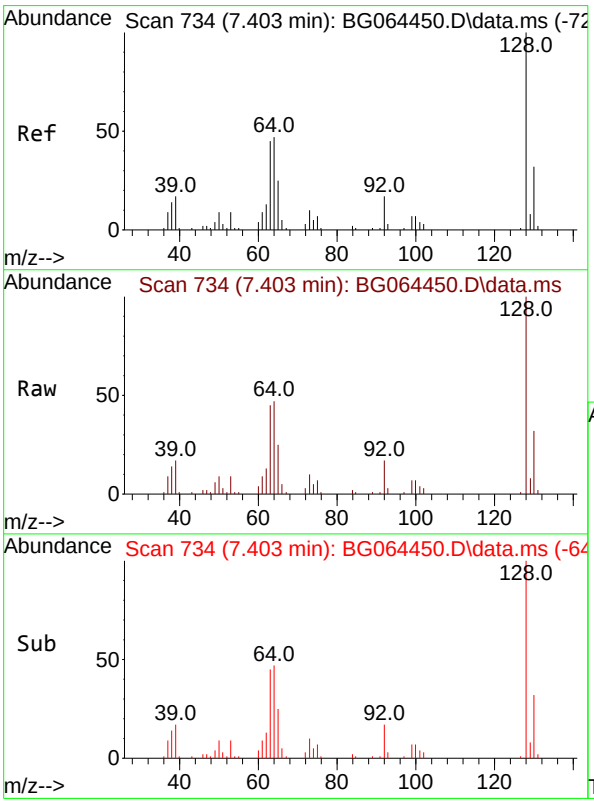
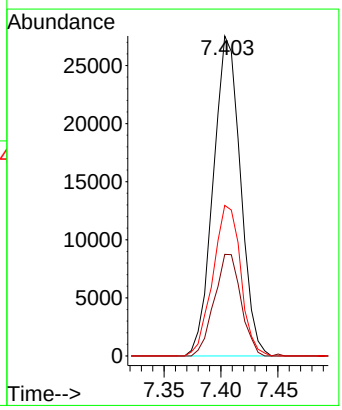


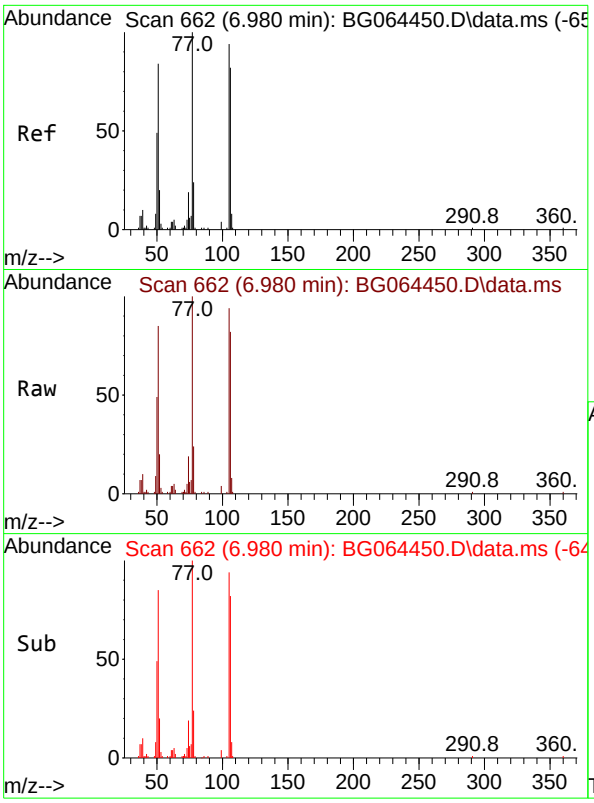


#8
2-Chlorophenol
Concen: 44.801 ng
RT: 7.403 min Scan# 734
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:128 Resp: 45815

Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.8	51.8
64	47.0	27.0	67.0

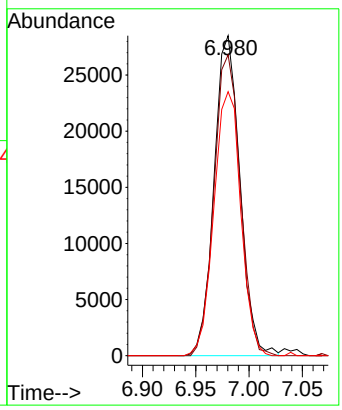




#9
Benzaldehyde
Concen: 50.330 ng
RT: 6.980 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 77 Resp: 4797

Ion	Ratio	Lower	Upper
77	100		
105	94.0	74.0	114.0
106	82.5	62.5	102.5



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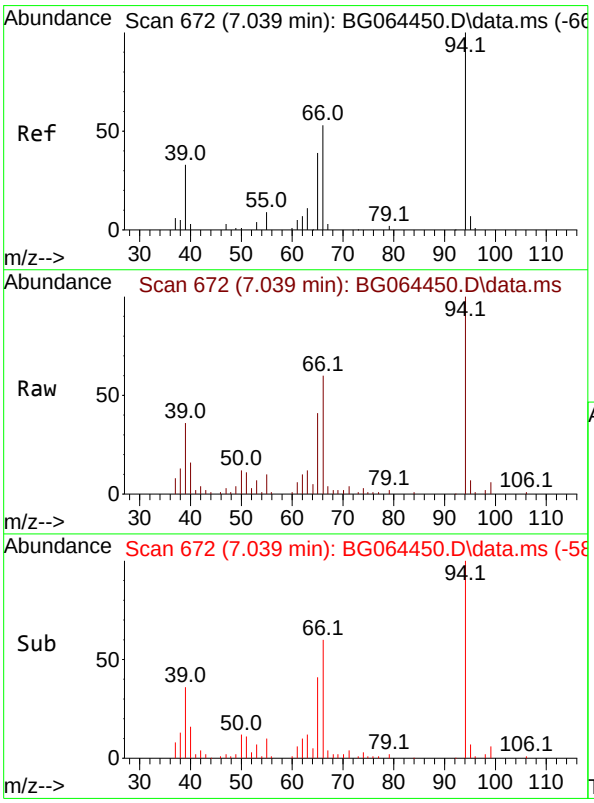
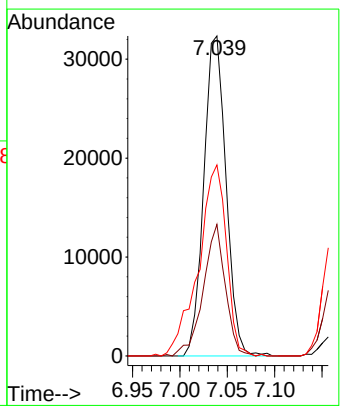
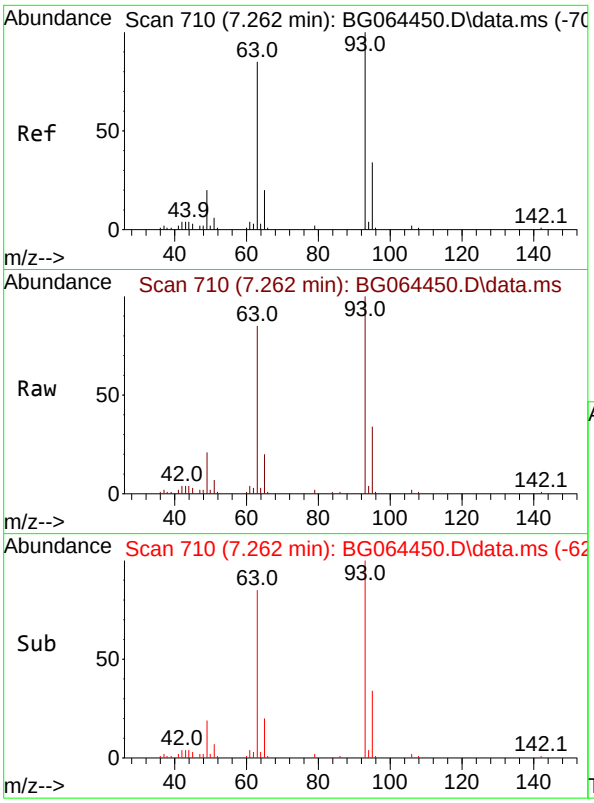


#10
Phenol
Concen: 43.494 ng
RT: 7.039 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 94 Resp: 52736

Ion	Ratio	Lower	Upper
94	100		
65	41.1	21.1	61.1
66	59.7	39.7	79.7

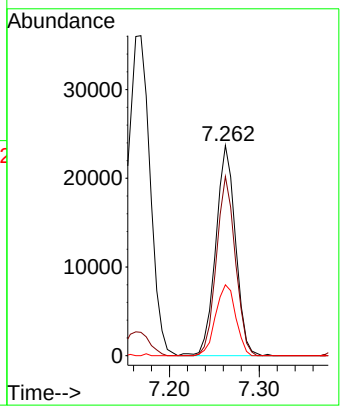




#11
bis(2-Chloroethyl)ether
Concen: 44.433 ng
RT: 7.262 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 93 Resp: 3617

Ion	Ratio	Lower	Upper
93	100		
63	85.3	65.3	105.3
95	33.7	13.7	53.7



Instrument :
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ClientSampleId :
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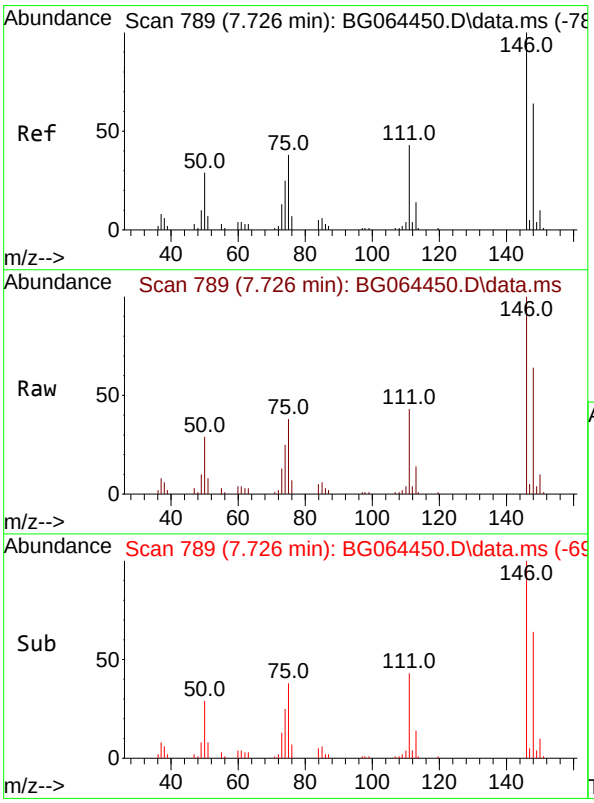
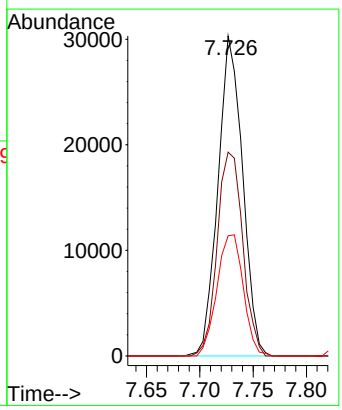
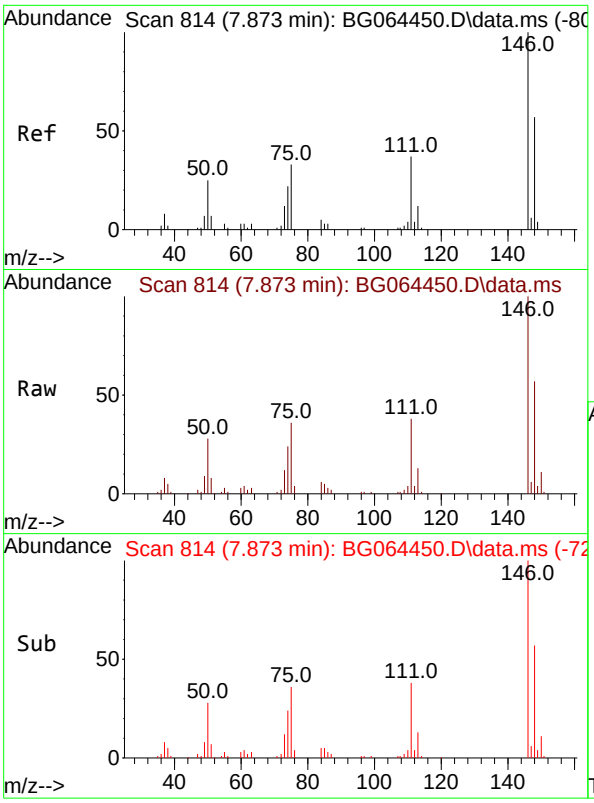


#12
1,3-Dichlorobenzene
Concen: 42.383 ng
RT: 7.726 min Scan# 789
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:146 Resp: 48582

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
75	37.5	30.0	45.0

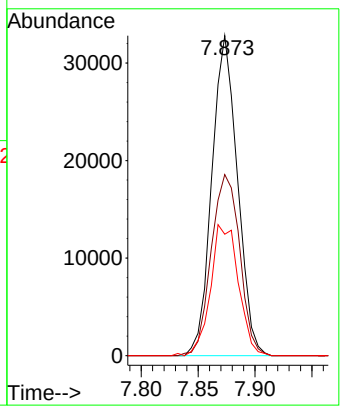




#13
1,4-Dichlorobenzene
Concen: 43.948 ng
RT: 7.873 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:146 Resp: 5146(

Ion	Ratio	Lower	Upper
146	100		
148	56.6	45.3	67.9
111	37.9	30.3	45.5



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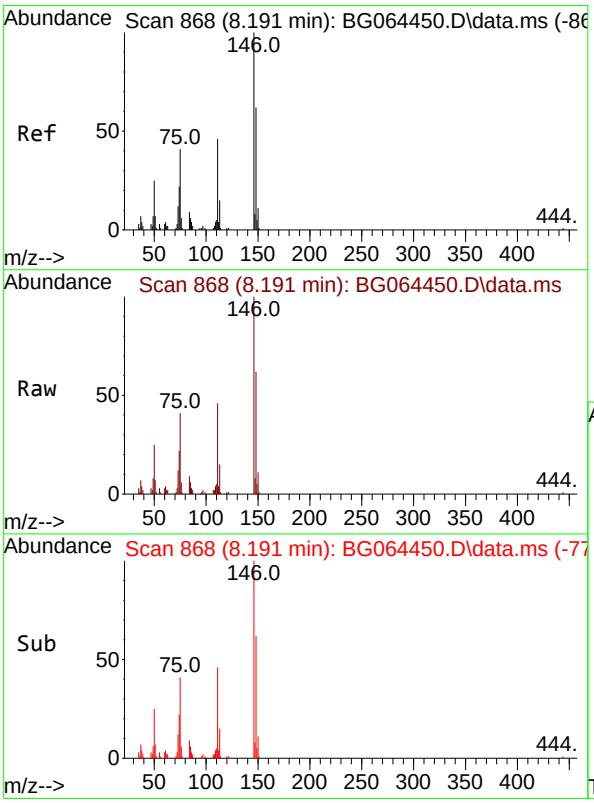
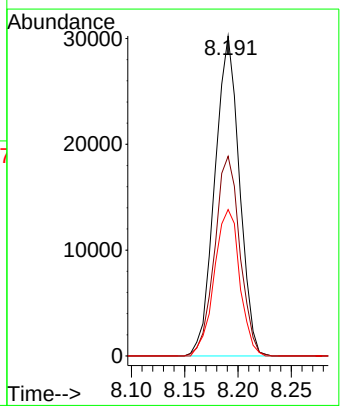
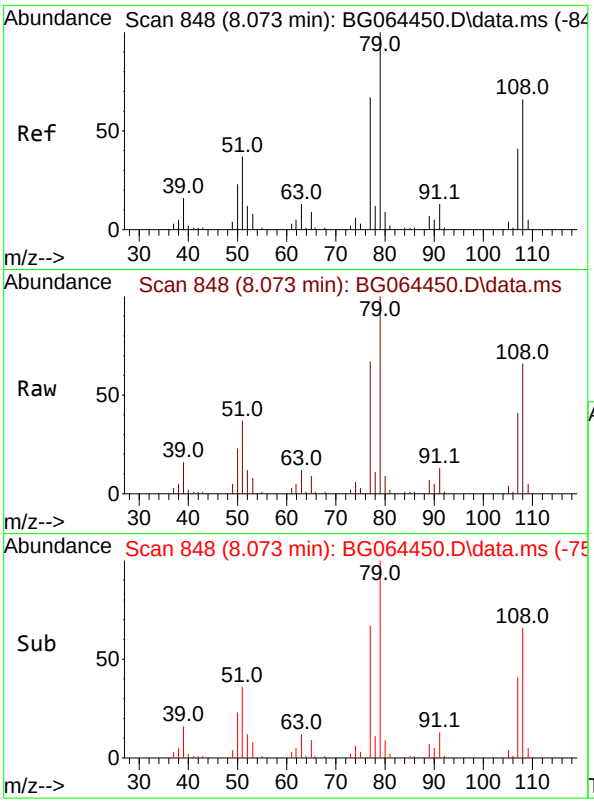


#14
1,2-Dichlorobenzene
Concen: 43.691 ng
RT: 8.191 min Scan# 868
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:146 Resp: 48481

Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.9	74.9
111	45.7	36.6	54.8





#15
Benzyl Alcohol
Concen: 43.506 ng
RT: 8.073 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 79 Resp: 4590

Ion	Ratio	Lower	Upper
79	100		
108	66.3	53.0	79.6
77	67.0	53.6	80.4

Instrument :
BNA_G
ClientSampleId :
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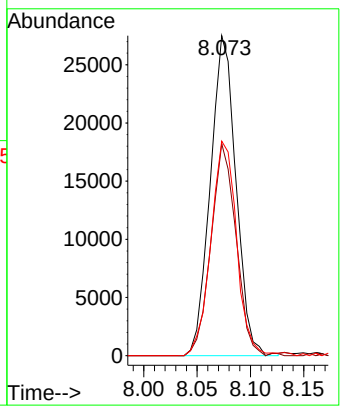
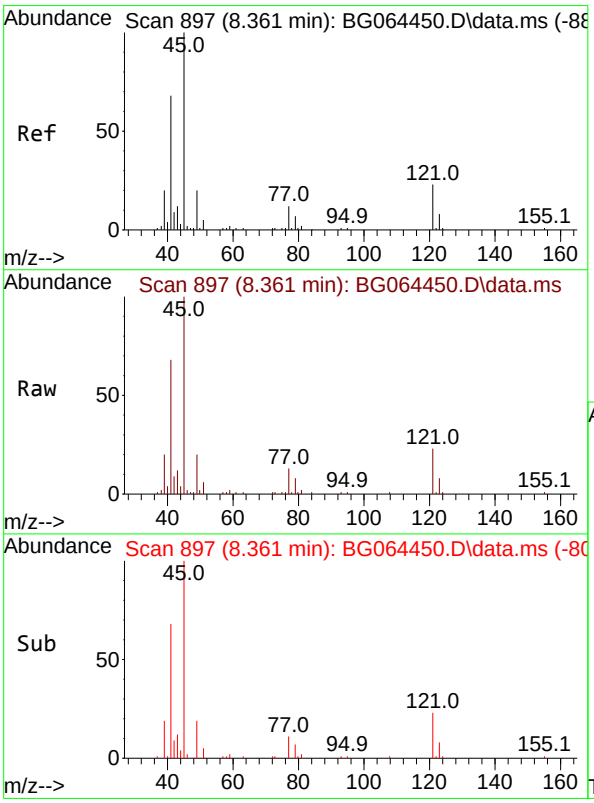
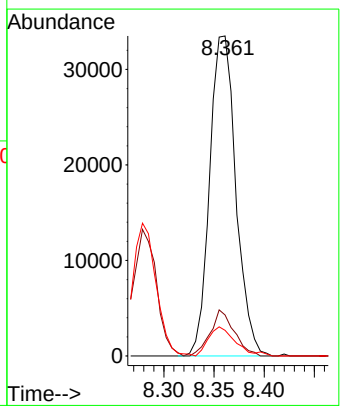


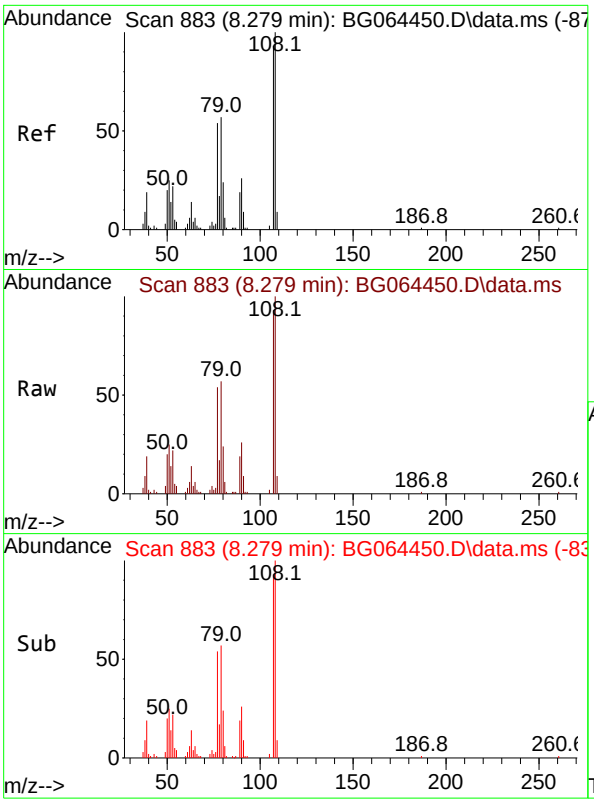


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.877 ng
RT: 8.361 min Scan# 897
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 45 Resp: 60866

Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	32.8
79	8.0	0.0	28.0

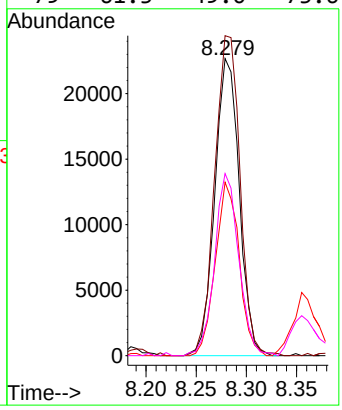




#17
2-Methylphenol
Concen: 43.884 ng
RT: 8.279 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:107 Resp: 3843

Ion	Ratio	Lower	Upper
107	100		
108	107.7	86.2	129.2
77	58.4	46.7	70.1
79	61.3	49.0	73.6



Instrument :
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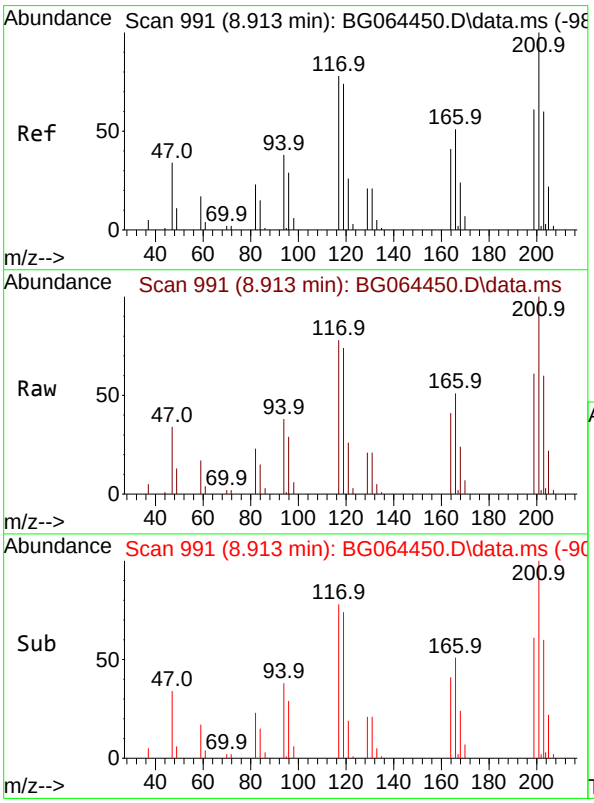
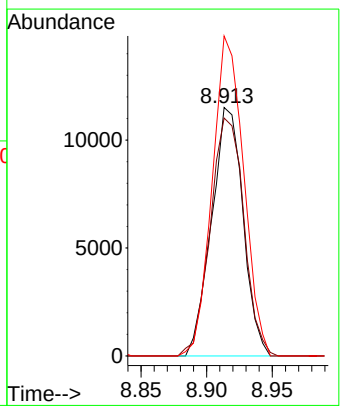
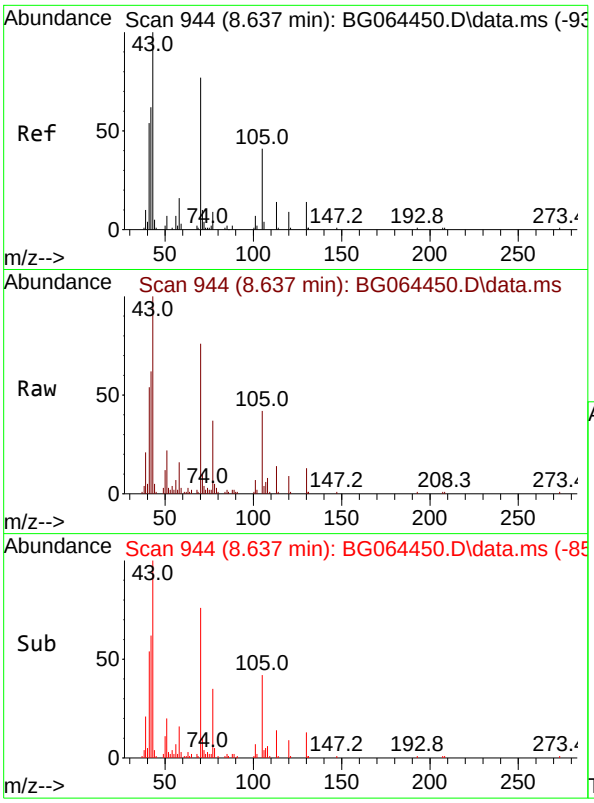


#18
Hexachloroethane
Concen: 43.515 ng
RT: 8.913 min Scan# 991
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:117 Resp: 19224

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	128.8	103.0	154.6

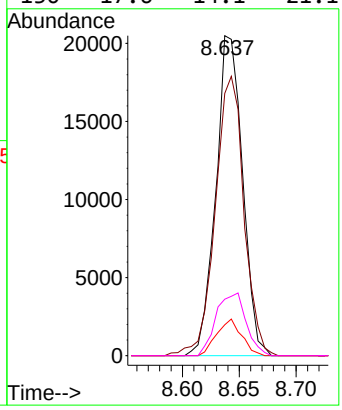




#19
n-Nitroso-di-n-propylamine
Concen: 44.306 ng
RT: 8.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 70 Resp: 3353

Ion	Ratio	Lower	Upper
70	100		
42	82.0	65.6	98.4
101	9.6	7.7	11.5
130	17.6	14.1	21.1



Instrument :
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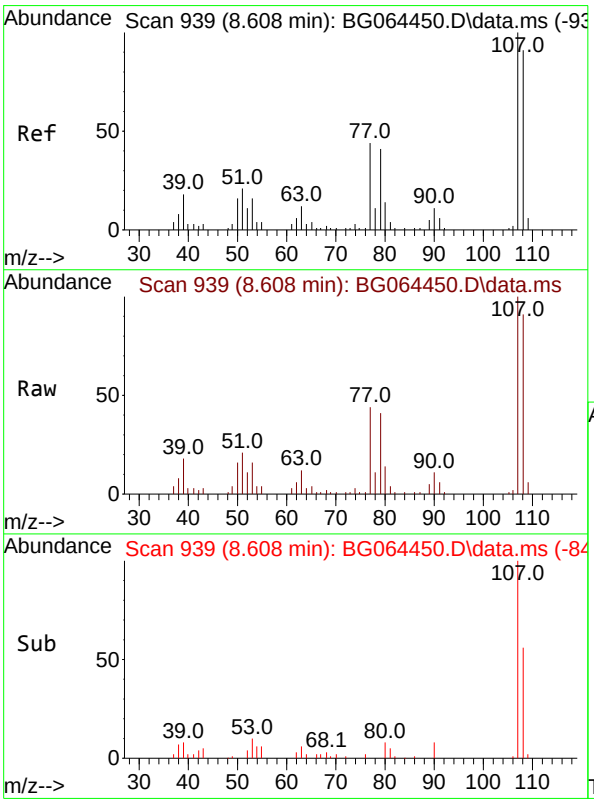
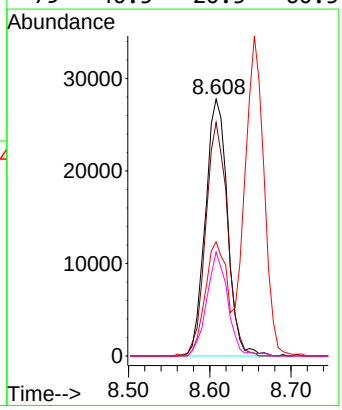
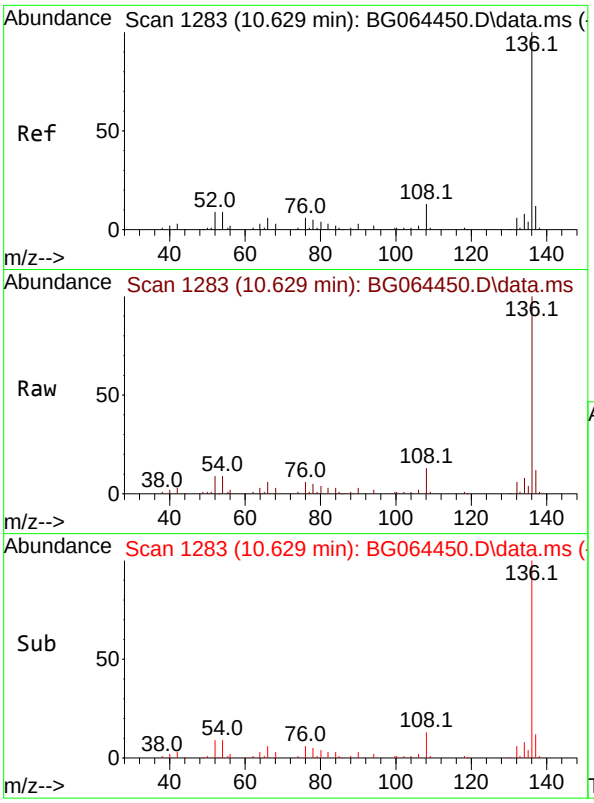


#20
3+4-Methylphenols
Concen: 42.618 ng
RT: 8.608 min Scan# 939
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:107 Resp: 52475

Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.9	110.9
77	44.4	24.4	64.4
79	40.5	20.5	60.5

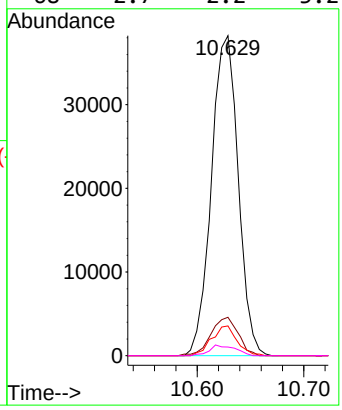




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:136 Resp: 6678

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.3	7.4	11.2
68	2.7	2.2	3.2



Instrument :
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ClientSampleId :
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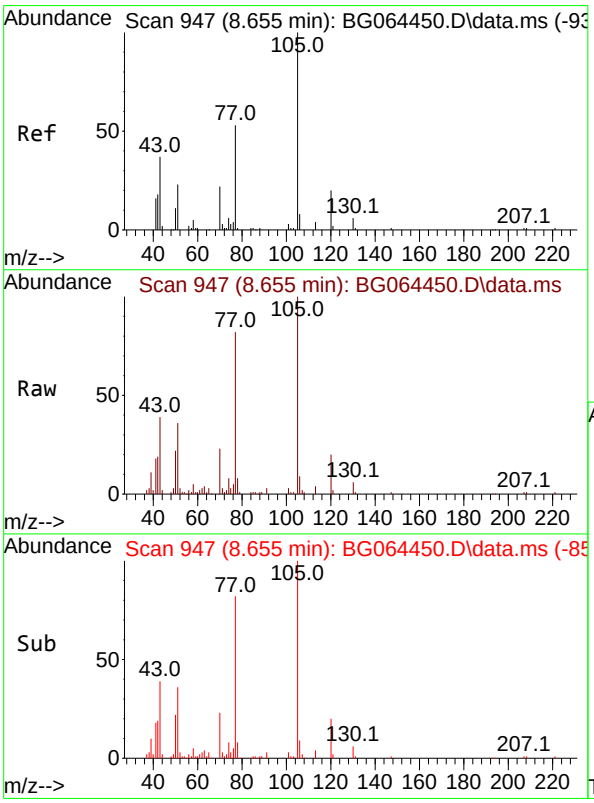
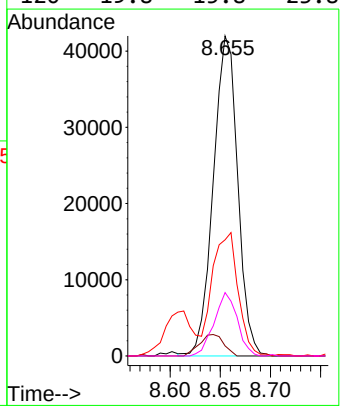
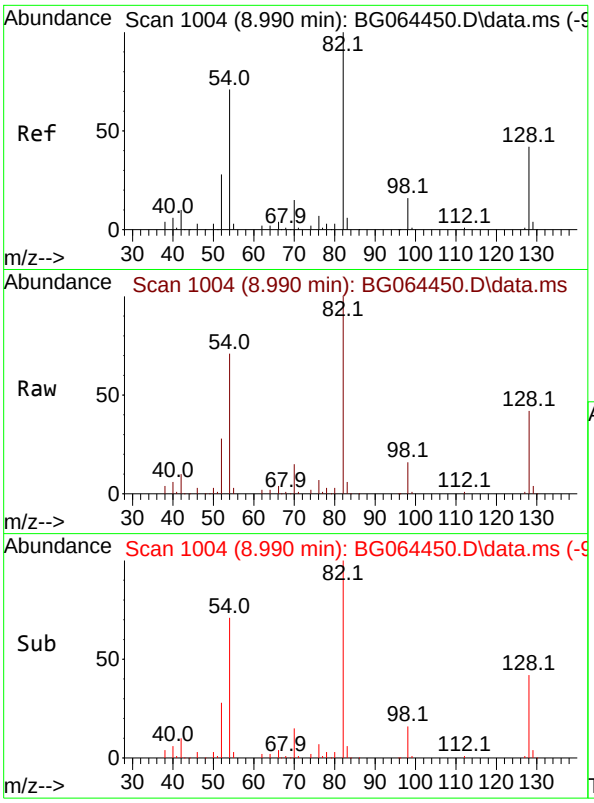


#22
Acetophenone
Concen: 44.357 ng
RT: 8.655 min Scan# 947
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:105 Resp: 70922

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.5	3.7
51	36.3	29.0	43.6
120	19.8	15.8	23.8





#23
Nitrobenzene-d5
Concen: 88.680 ng
RT: 8.990 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 82 Resp: 10928

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.7	50.5
54	71.3	57.0	85.6

Instrument :
BNA_G
ClientSampleId :
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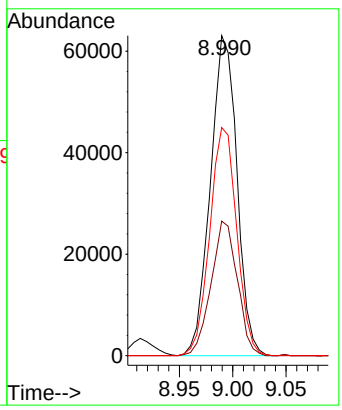
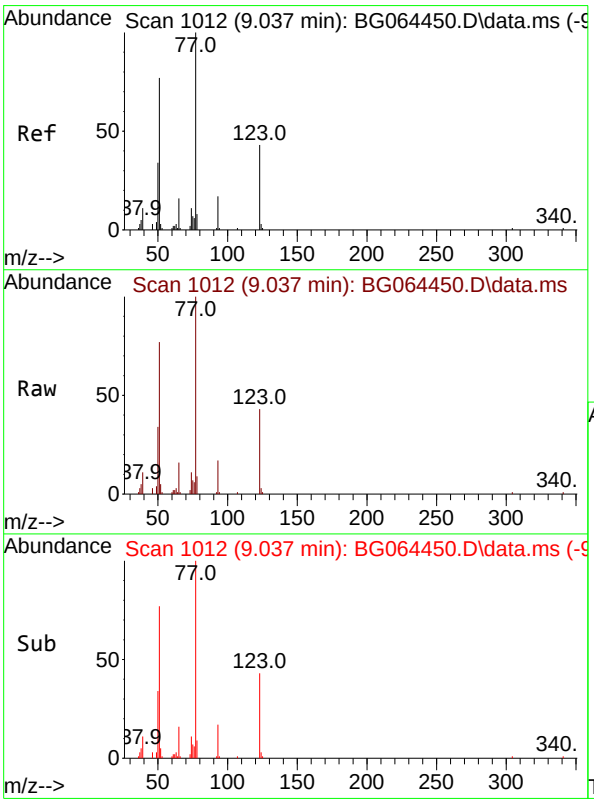
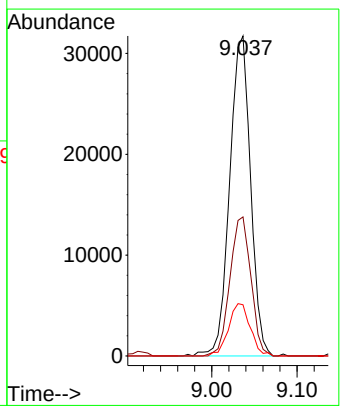


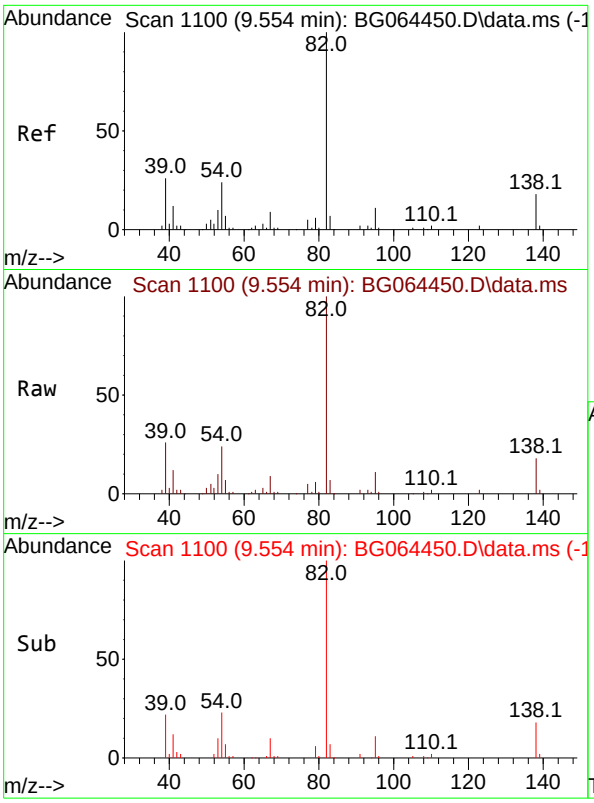


#24
Nitrobenzene
Concen: 44.958 ng
RT: 9.037 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 77 Resp: 54080

Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.7	52.1
65	16.0	12.8	19.2

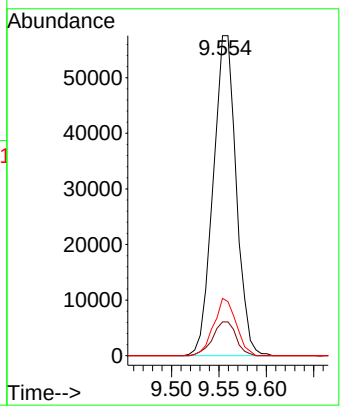




#25
Isophorone
Concen: 42.757 ng
RT: 9.554 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 82 Resp: 9749

Ion	Ratio	Lower	Upper
82	100		
95	10.6	8.5	12.7
138	17.9	14.3	21.5



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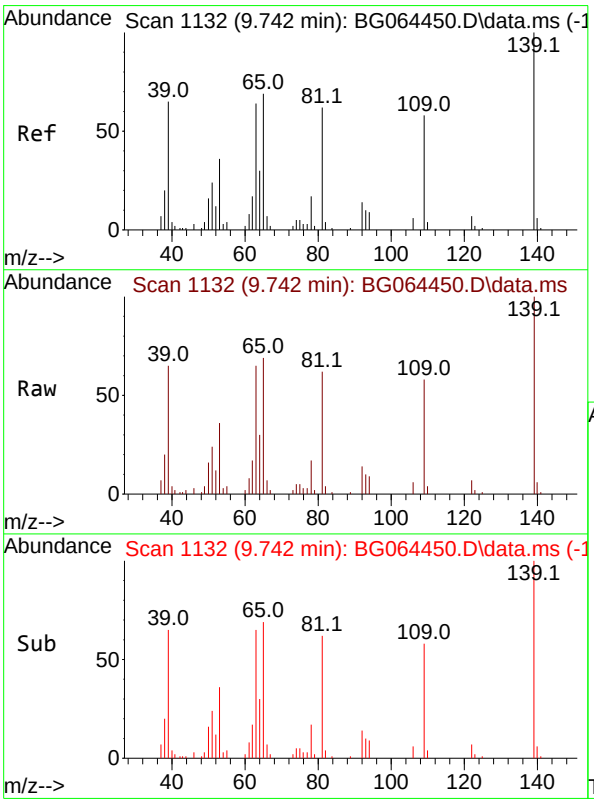
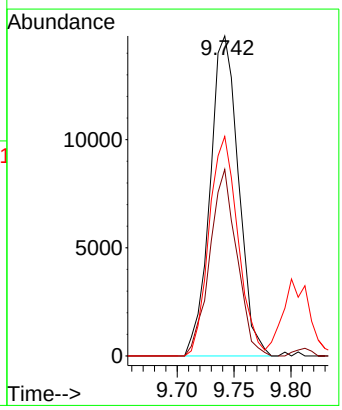
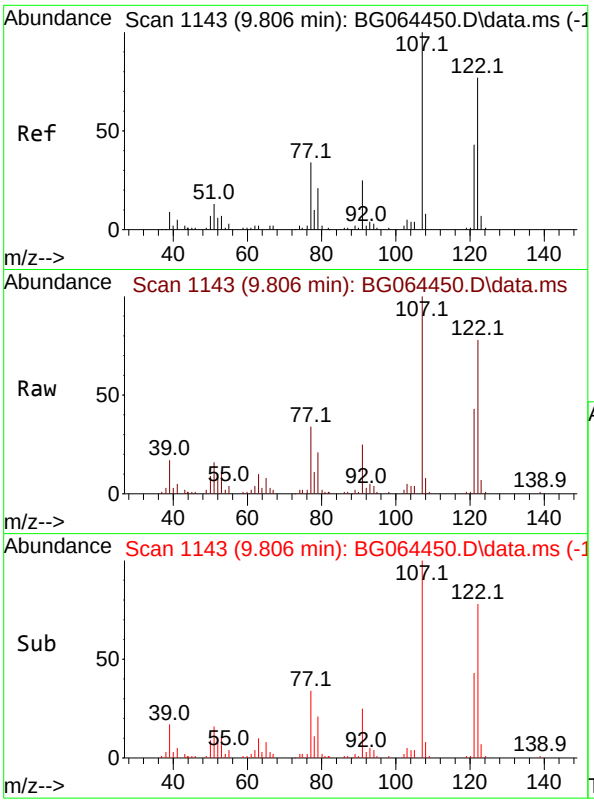


#26
2-Nitrophenol
Concen: 43.521 ng
RT: 9.742 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:139 Resp: 25769

Ion	Ratio	Lower	Upper
139	100		
109	58.3	46.6	70.0
65	68.6	54.9	82.3

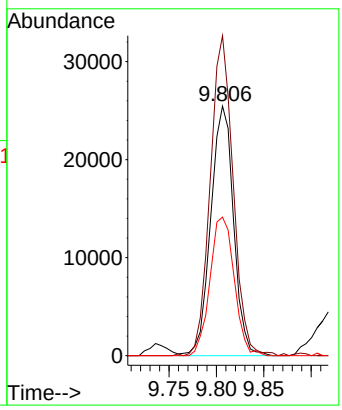




#27
2,4-Dimethylphenol
Concen: 44.608 ng
RT: 9.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:122 Resp: 4260

Ion	Ratio	Lower	Upper
122	100		
107	128.2	102.6	153.8
121	55.5	44.4	66.6



Instrument :
BNA_G
ClientSampleId :
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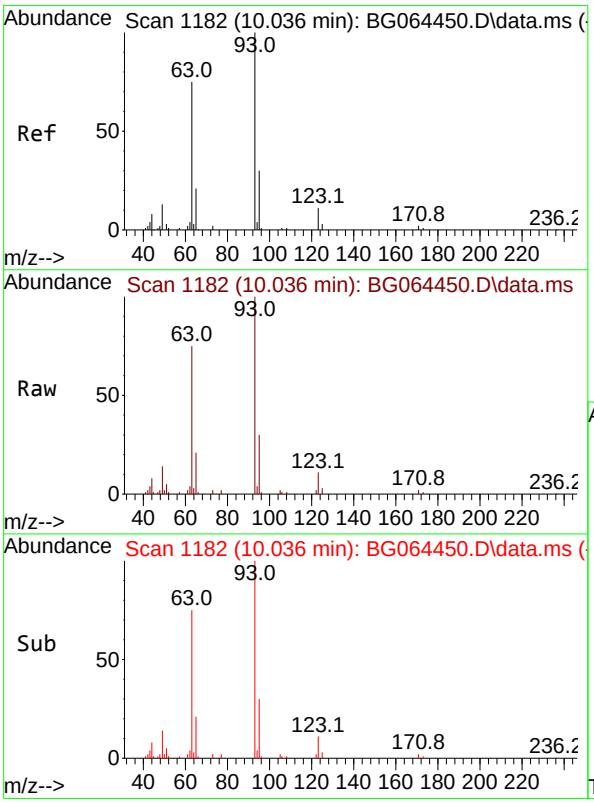
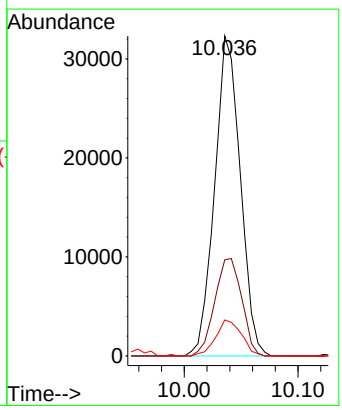
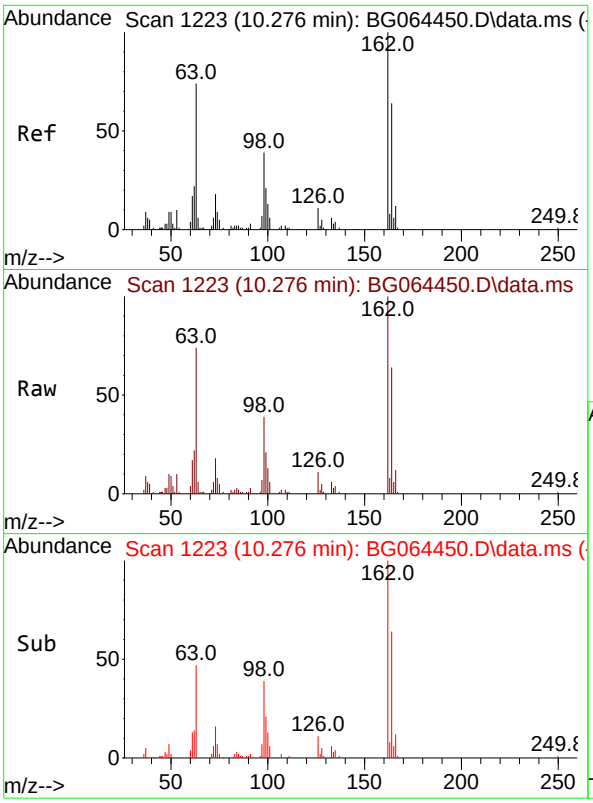


#28
bis(2-Chloroethoxy)methane
Concen: 42.979 ng
RT: 10.036 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 93 Resp: 50628

Ion	Ratio	Lower	Upper
93	100		
95	30.0	24.0	36.0
123	11.2	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 44.771 ng
RT: 10.276 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:162 Resp: 4920

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	39.2	19.2	59.2

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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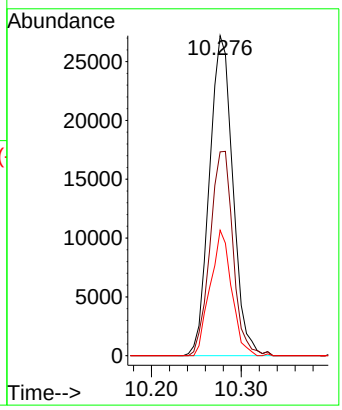
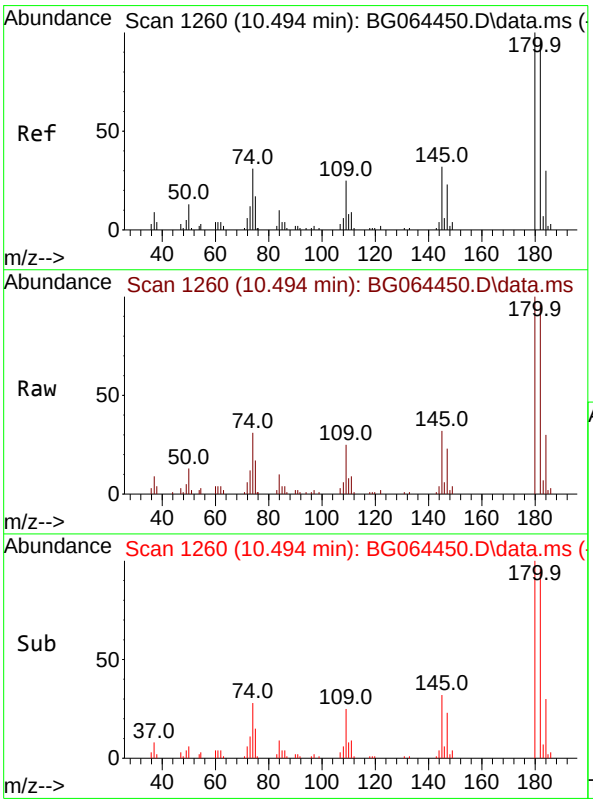
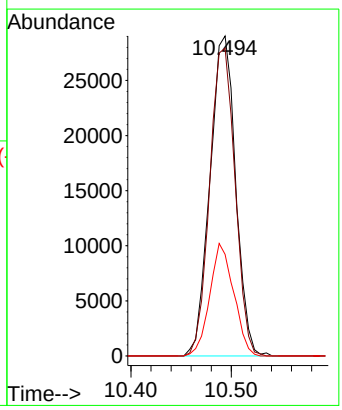


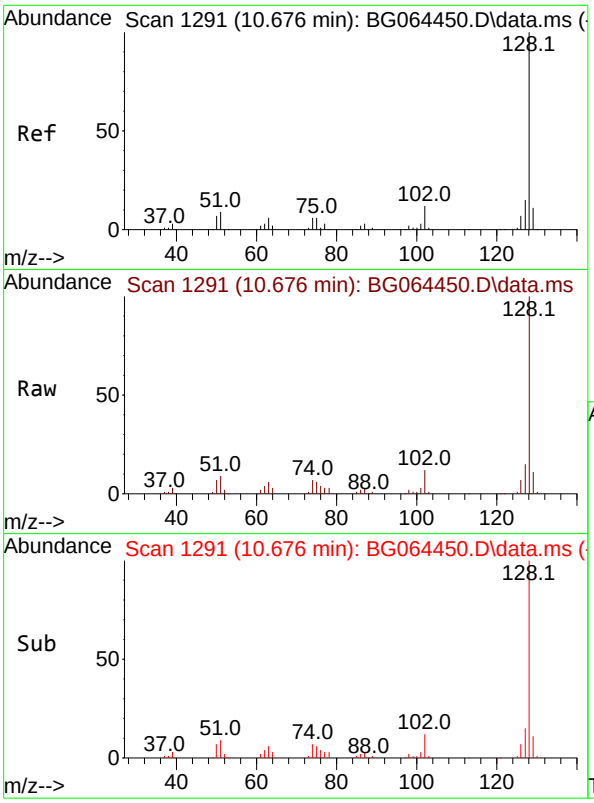


#30
1,2,4-Trichlorobenzene
Concen: 43.909 ng
RT: 10.494 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:180 Resp: 51622

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	31.8	25.4	38.2





#31
Naphthalene
Concen: 43.002 ng
RT: 10.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:128 Resp: 14993

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	15.1	12.1	18.1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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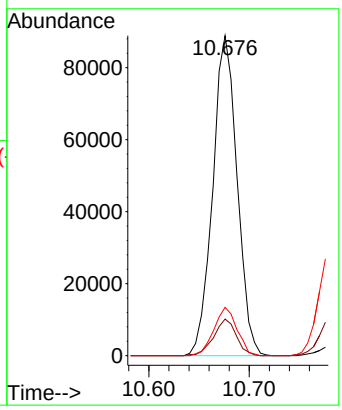
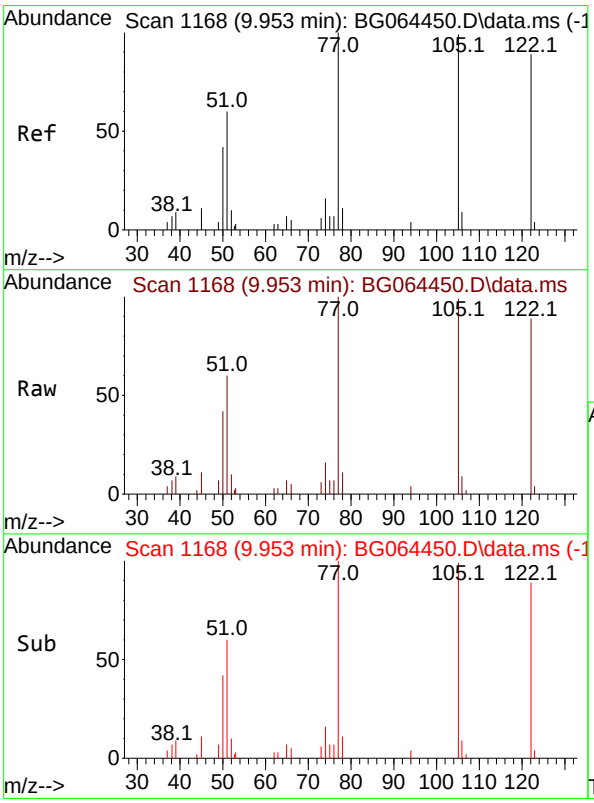
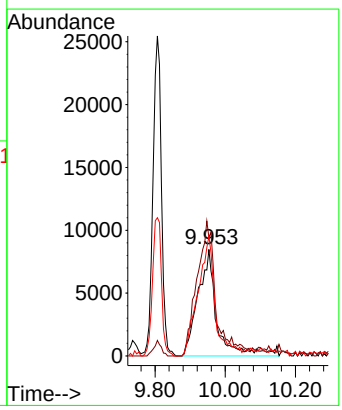


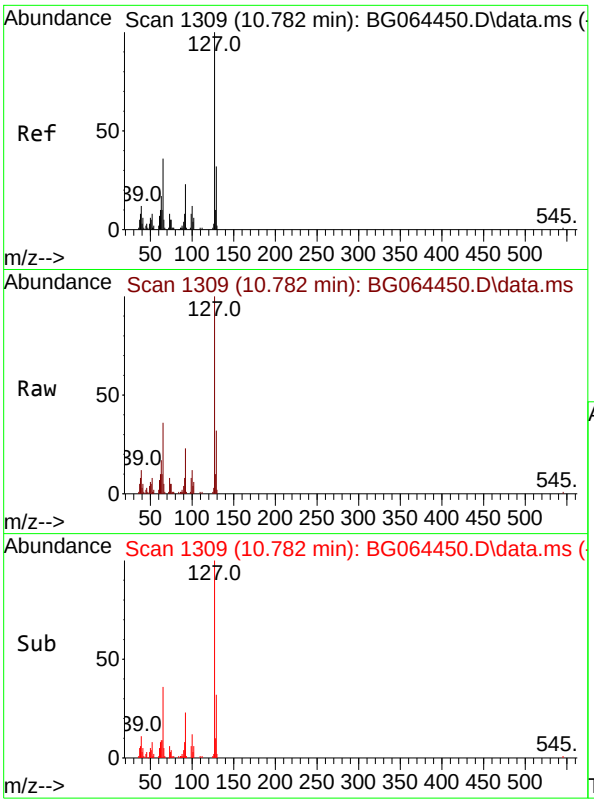


#32
Benzoic acid
Concen: 44.805 ng m
RT: 9.953 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:122 Resp: 31657

Ion	Ratio	Lower	Upper
122	100		
105	111.0	91.0	131.0
77	112.2	92.2	132.2

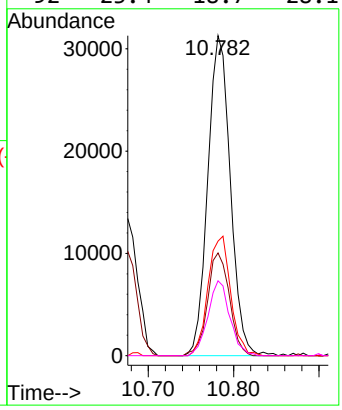




#33
4-Chloroaniline
Concen: 45.079 ng
RT: 10.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:127 Resp: 5749

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	35.8	28.6	43.0
92	23.4	18.7	28.1



Instrument :
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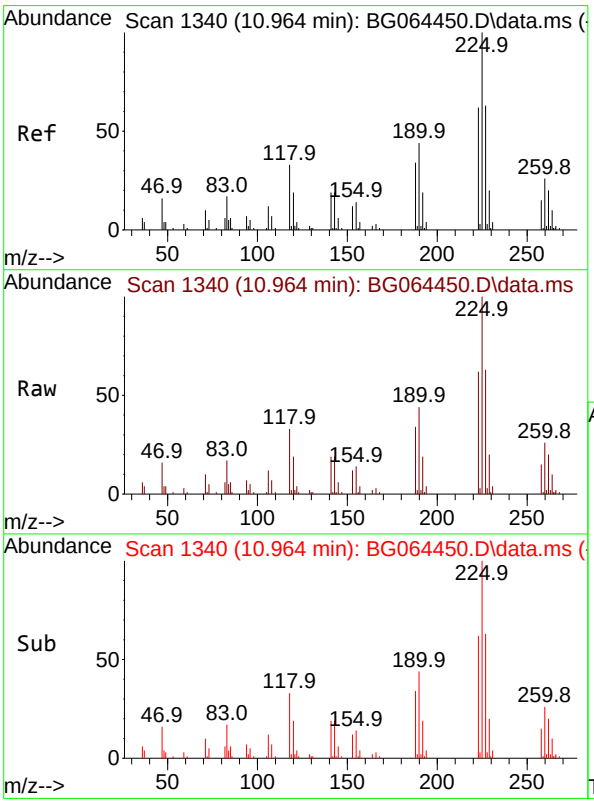
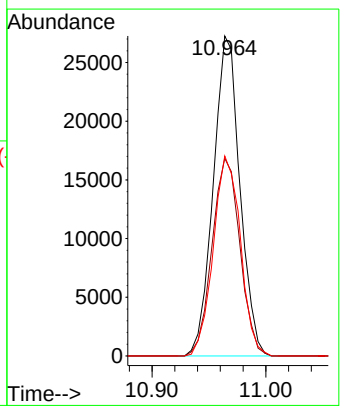
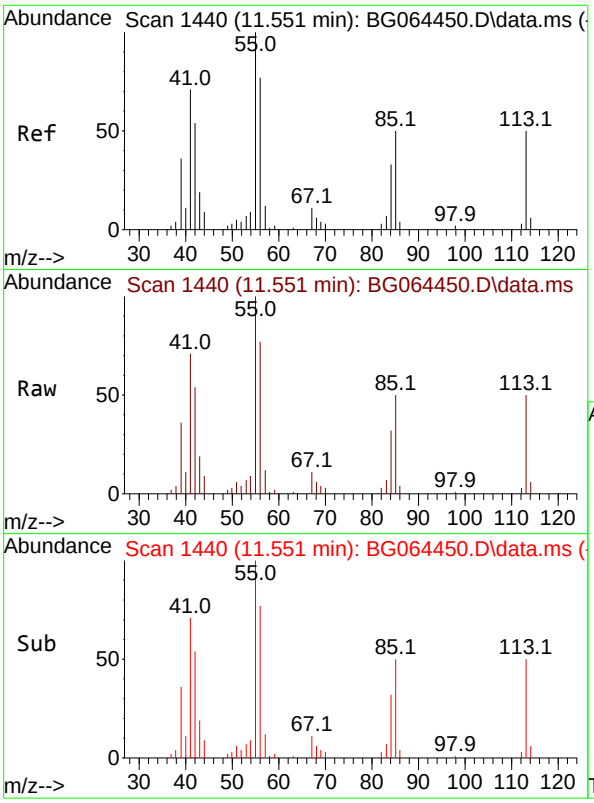


#34
Hexachlorobutadiene
Concen: 44.236 ng
RT: 10.964 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:225 Resp: 44299

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	62.5	50.0	75.0

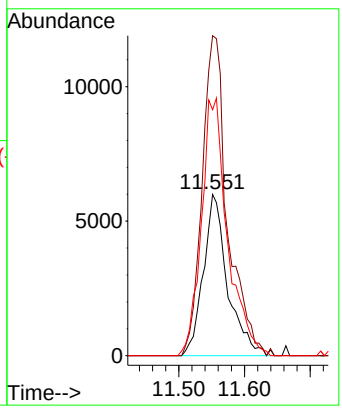




#35
Caprolactam
Concen: 42.536 ng
RT: 11.551 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:113 Resp: 1542

Ion	Ratio	Lower	Upper
113	100		
55	198.3	178.3	218.3
56	152.4	132.4	172.4



Instrument :
BNA_G
ClientSampleId :
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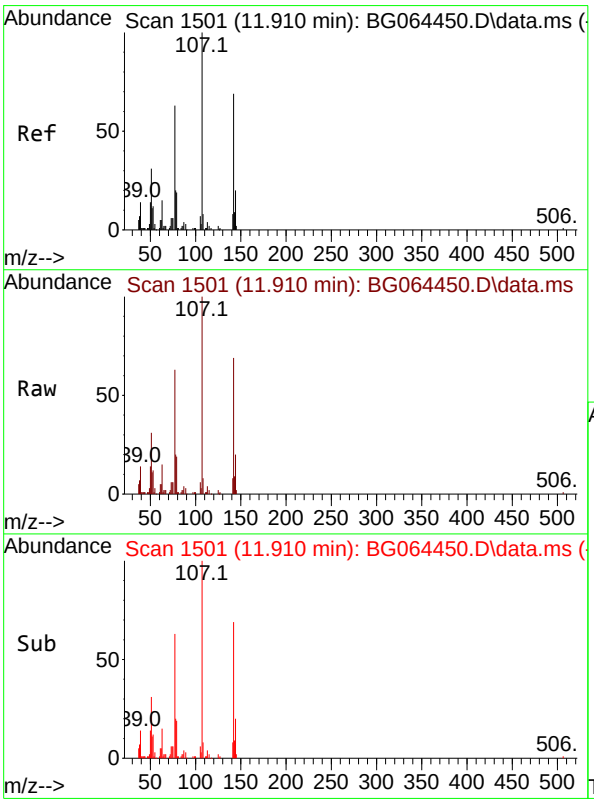
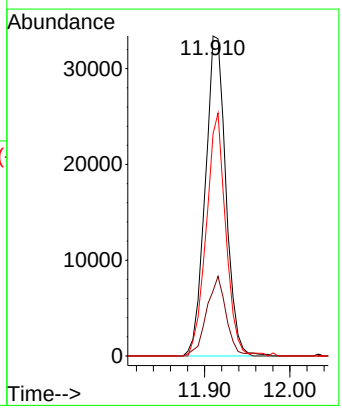
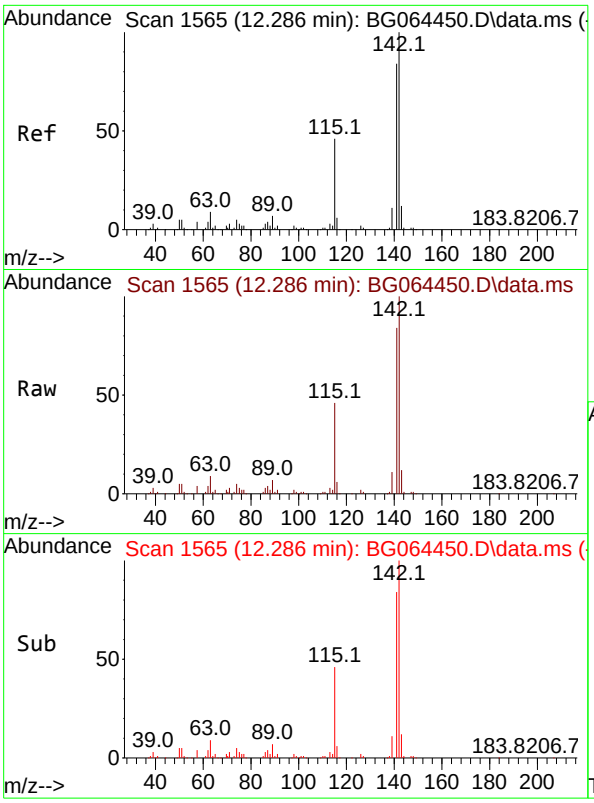


#36
4-Chloro-3-methylphenol
Concen: 43.042 ng
RT: 11.910 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:107 Resp: 56075

Ion	Ratio	Lower	Upper
107	100		
144	20.4	16.3	24.5
142	69.4	55.5	83.3





#37
2-Methylnaphthalene
Concen: 43.250 ng
RT: 12.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:142 Resp: 11386

Ion	Ratio	Lower	Upper
142	100		
141	84.1	67.3	100.9
115	46.2	37.0	55.4

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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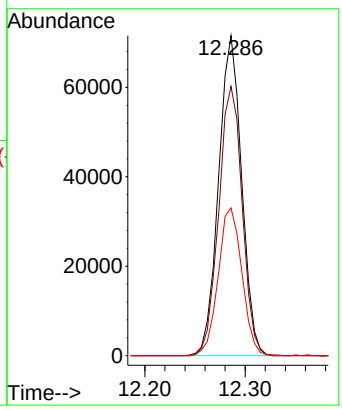
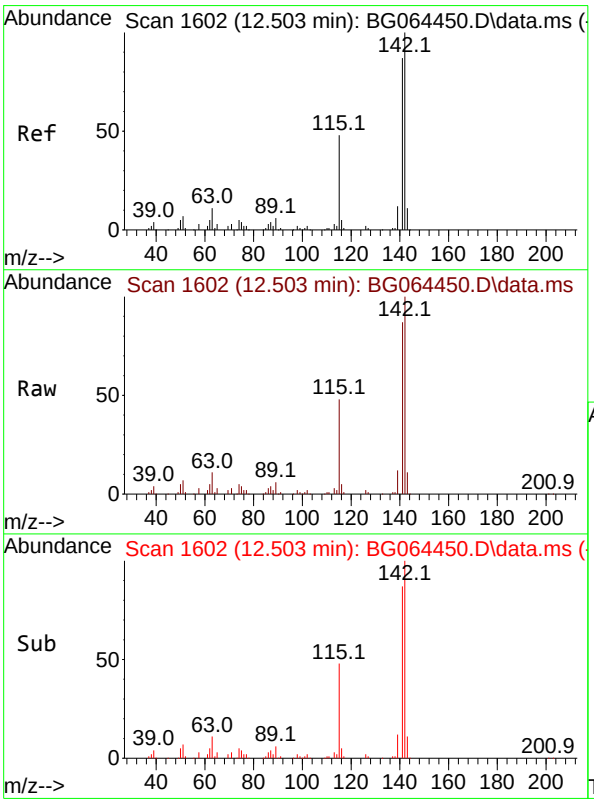
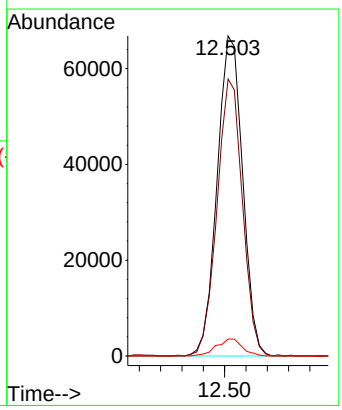


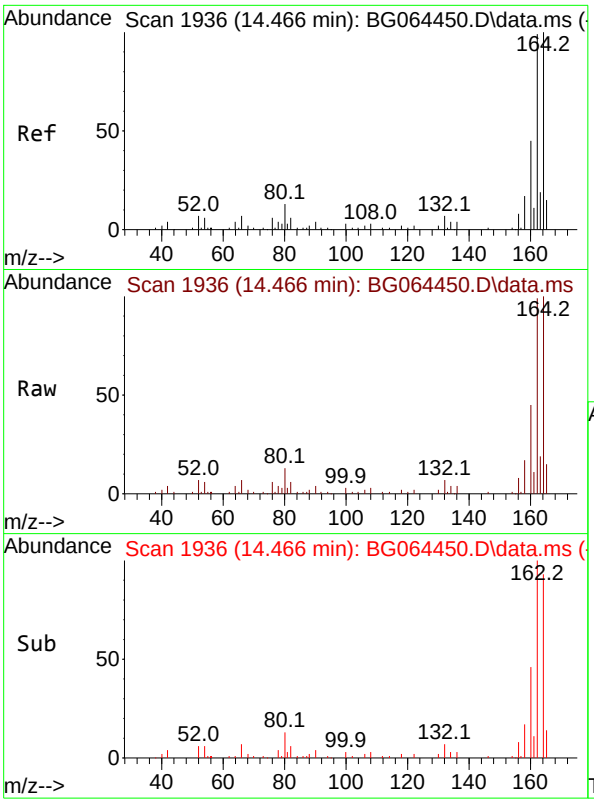


#38
1-Methylnaphthalene
Concen: 42.838 ng
RT: 12.503 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:142 Resp: 110815

Ion	Ratio	Lower	Upper
142	100		
141	86.5	69.2	103.8
116	5.3	4.2	6.4

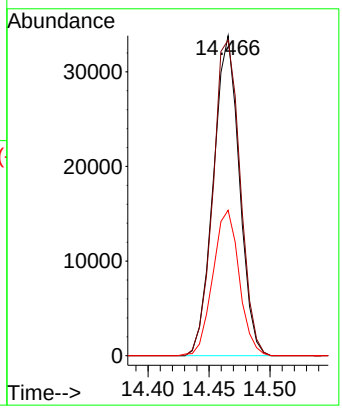




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:164 Resp: 5017

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.4
160	45.4	36.3	54.5



Instrument :
BNA_G
ClientSampleId :
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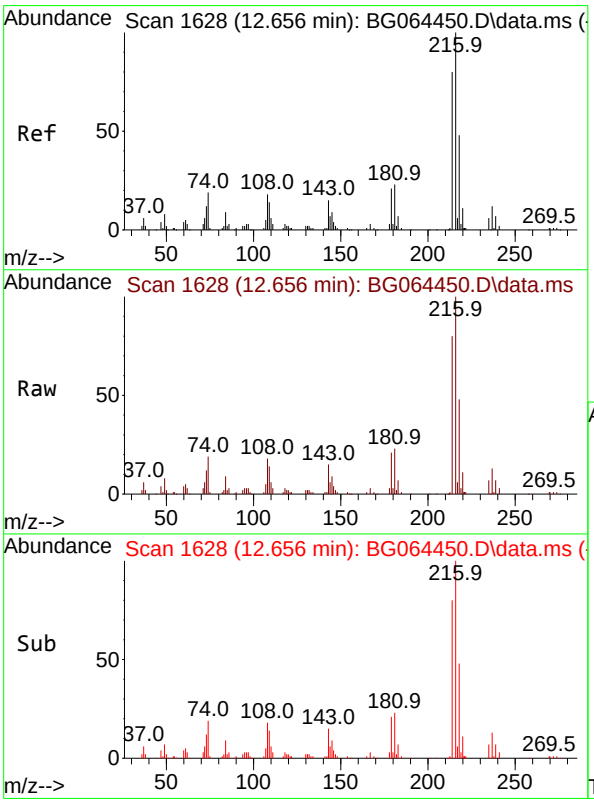
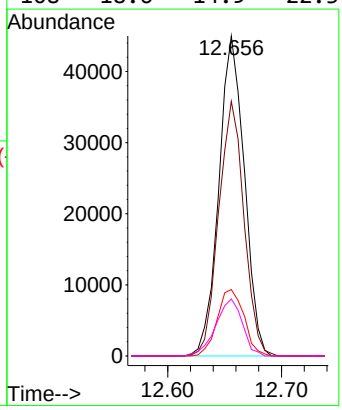
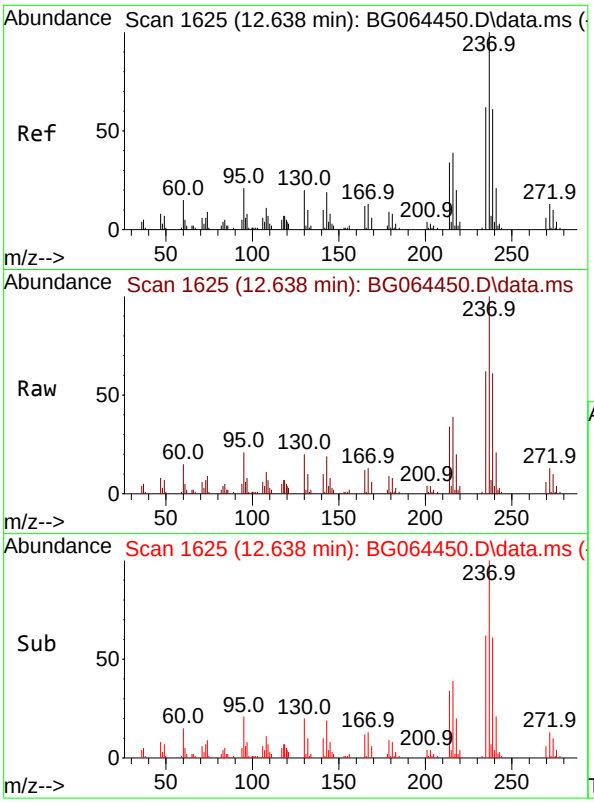


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.832 ng
RT: 12.656 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:216 Resp: 70094

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	21.8	17.4	26.2
108	18.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 43.153 ng
RT: 12.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:237 Resp: 3664

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.2	82.2
272	12.8	0.0	32.8

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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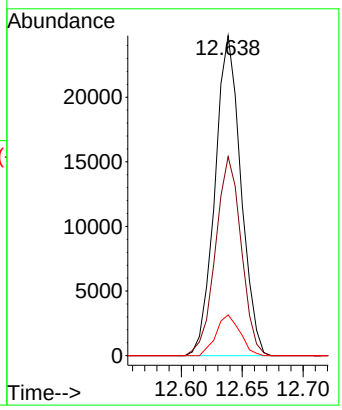
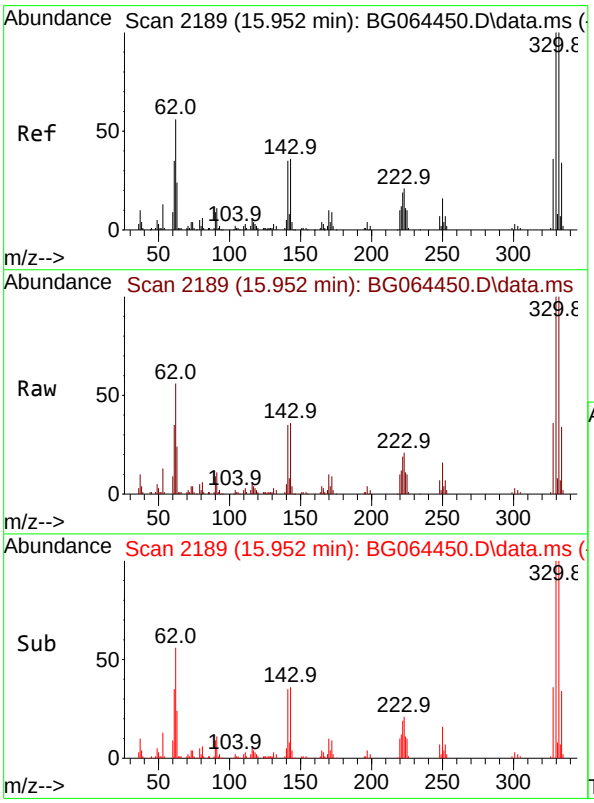
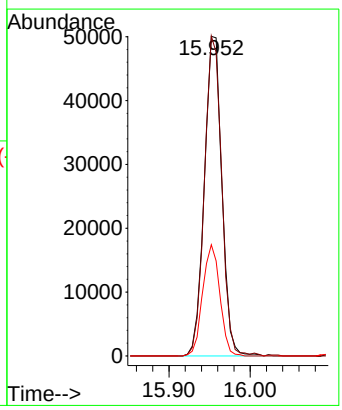


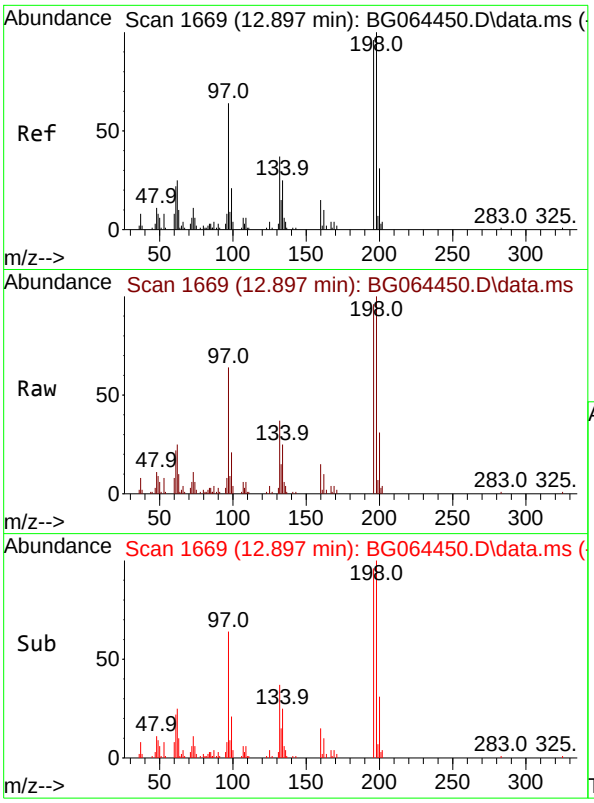


#42
2,4,6-Tribromophenol
Concen: 85.352 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:330 Resp: 74766

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.8	118.2
141	34.1	27.3	40.9

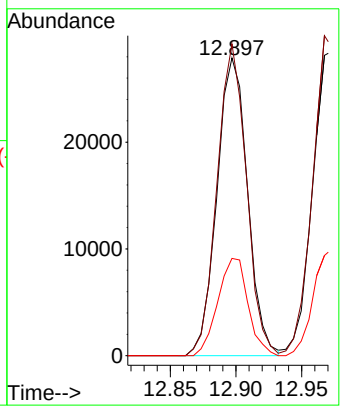




#43
2,4,6-Trichlorophenol
Concen: 43.379 ng
RT: 12.897 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:196 Resp: 4524

Ion	Ratio	Lower	Upper
196	100		
198	104.7	83.8	125.6
200	32.6	26.1	39.1



Instrument :
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ClientSampleId :
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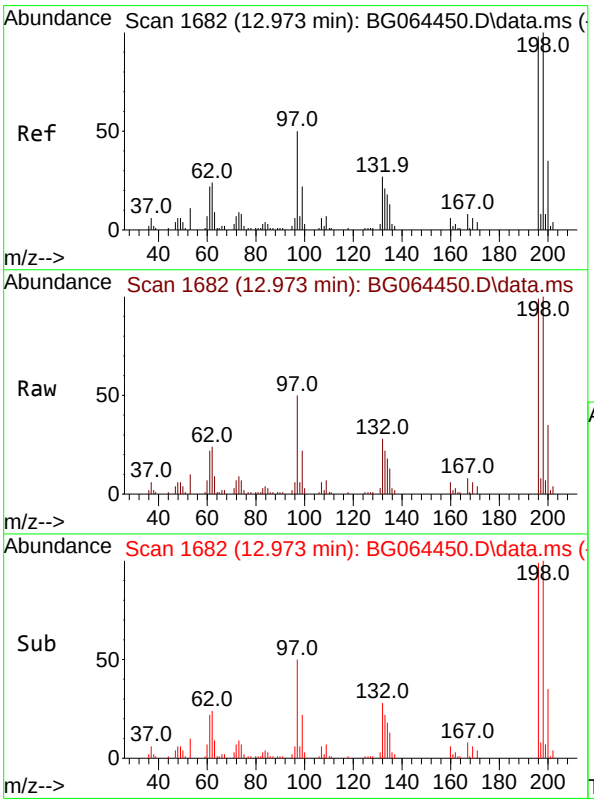
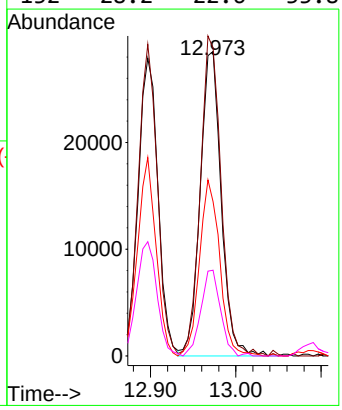
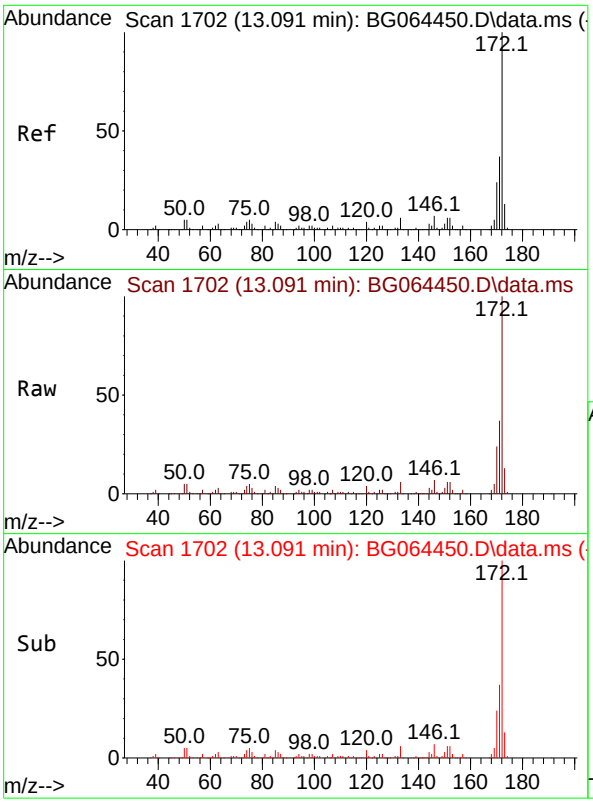


#44
2,4,5-Trichlorophenol
Concen: 42.178 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:196 Resp: 48774

Ion	Ratio	Lower	Upper
196	100		
198	101.1	80.9	121.3
97	50.6	40.5	60.7
132	28.2	22.6	33.8





#45
2-Fluorobiphenyl
Concen: 84.716 ng
RT: 13.091 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:172 Resp: 28786

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	23.6	18.9	28.3

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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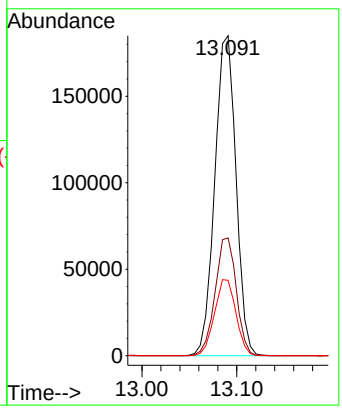
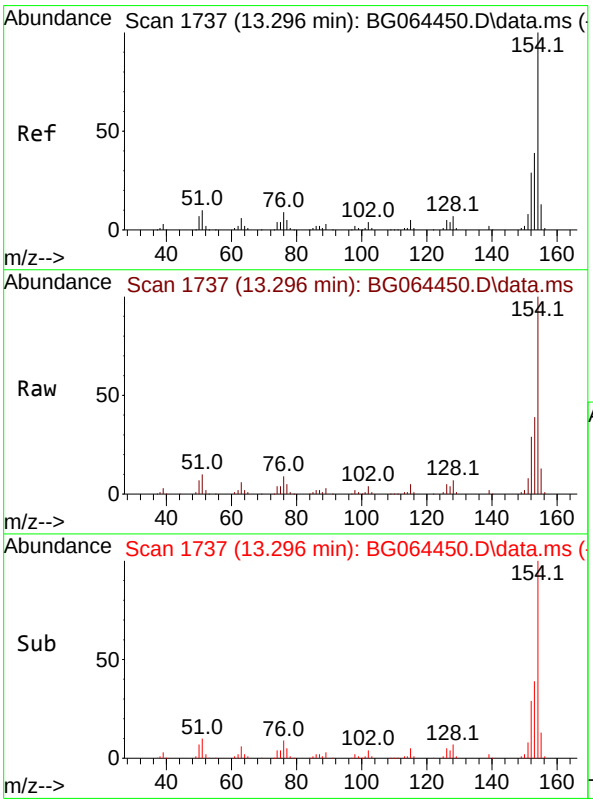
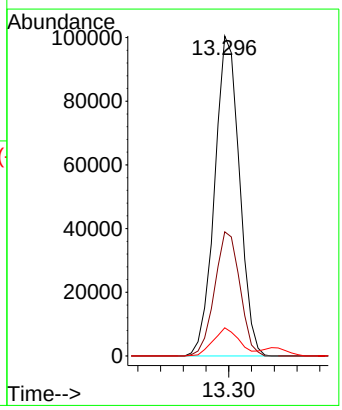


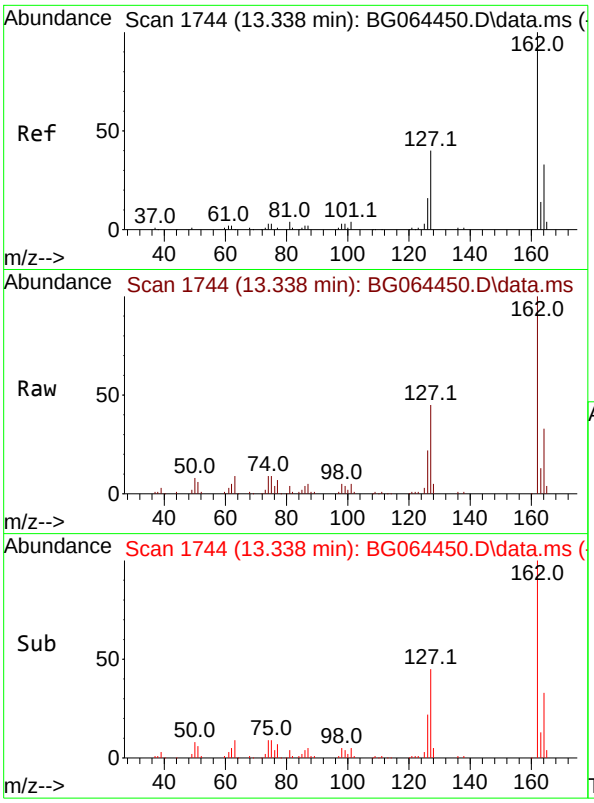


#46
1,1'-Biphenyl
Concen: 42.682 ng
RT: 13.296 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:154 Resp: 152347

Ion	Ratio	Lower	Upper
154	100		
153	38.8	18.8	58.8
76	8.8	0.0	28.8

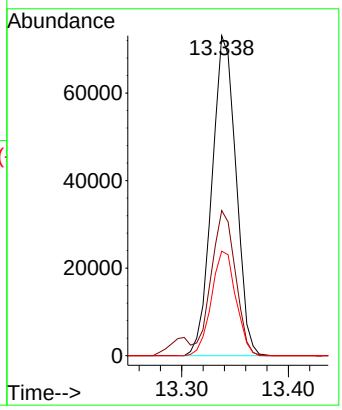




#47
2-Chloronaphthalene
Concen: 42.235 ng
RT: 13.338 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:162 Resp: 11457

Ion	Ratio	Lower	Upper
162	100		
127	45.3	36.2	54.4
164	32.7	26.2	39.2



Instrument :
BNA_G
ClientSampleId :
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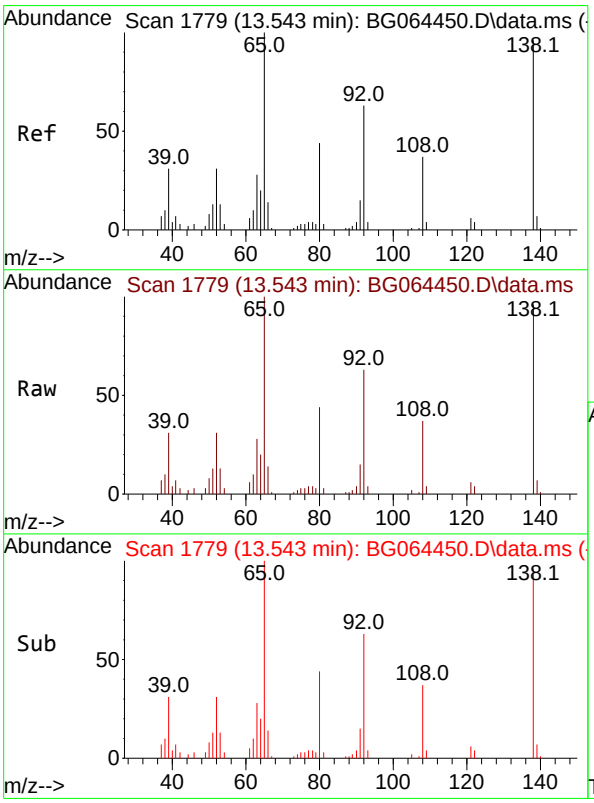
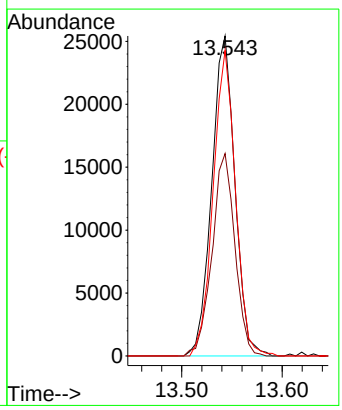
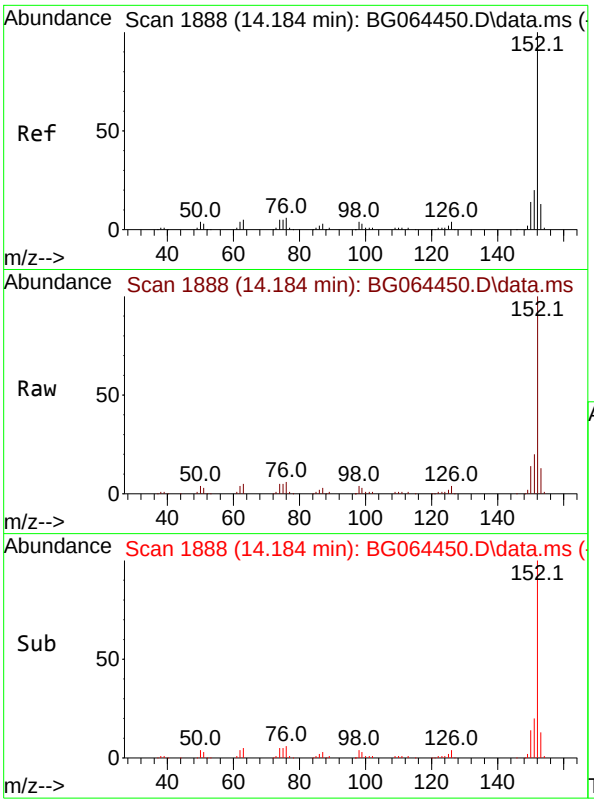


#48
2-Nitroaniline
Concen: 43.694 ng
RT: 13.543 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 65 Resp: 40740

Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.6	75.8
138	95.5	76.4	114.6





#49
Acenaphthylene
Concen: 43.085 ng
RT: 14.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:152 Resp: 17352

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.6	16.0

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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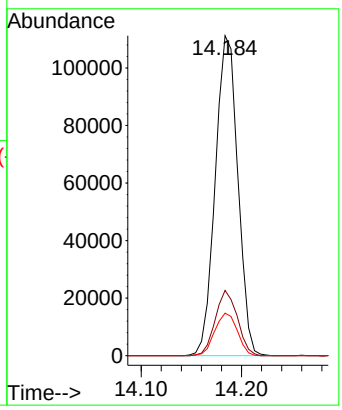
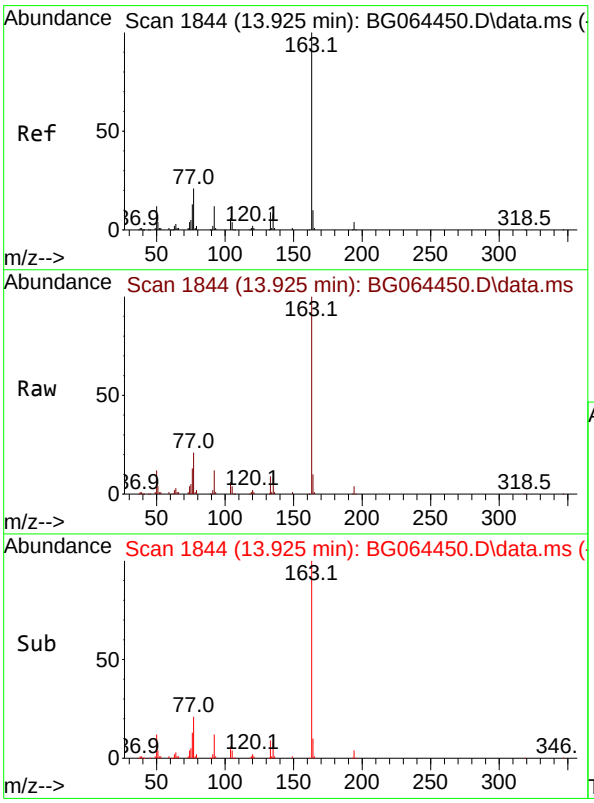
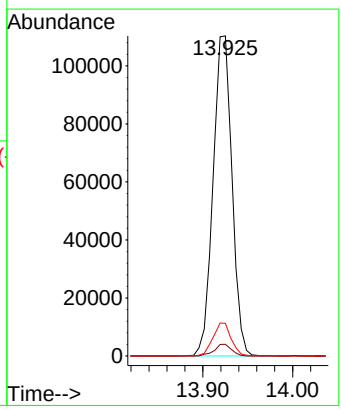


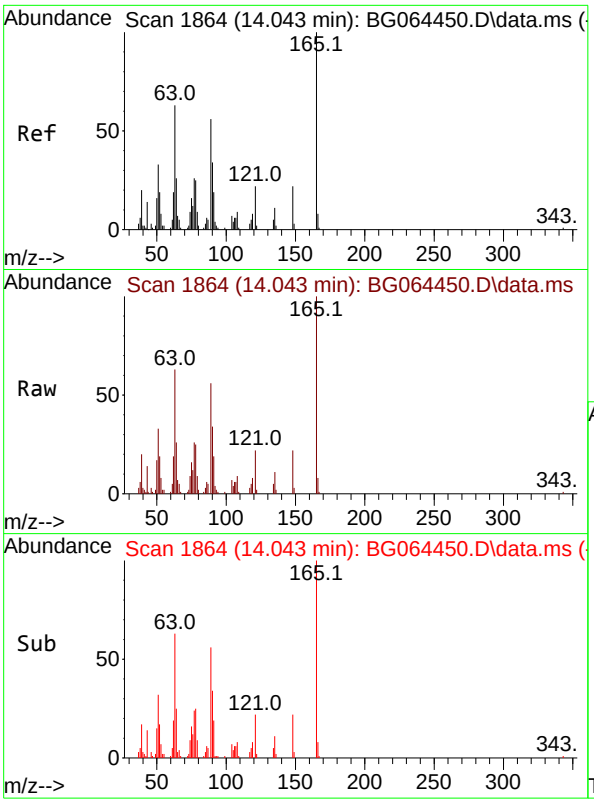


#50
Dimethylphthalate
Concen: 42.092 ng
RT: 13.925 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:163 Resp: 161350

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 44.001 ng
RT: 14.043 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:165 Resp: 3542

Ion	Ratio	Lower	Upper
165	100		
63	63.2	50.6	75.8
89	55.8	44.6	67.0

Instrument :
BNA_G
ClientSampleId :
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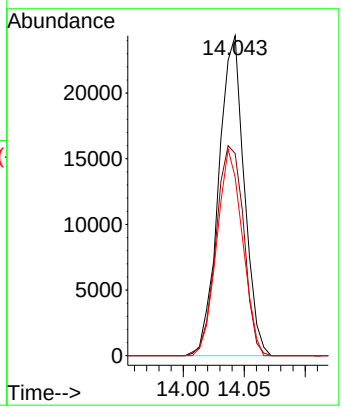
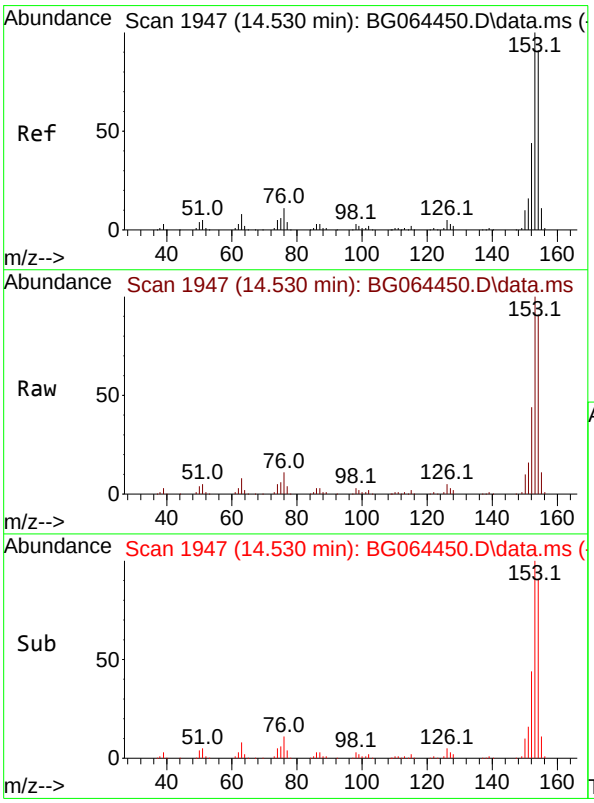
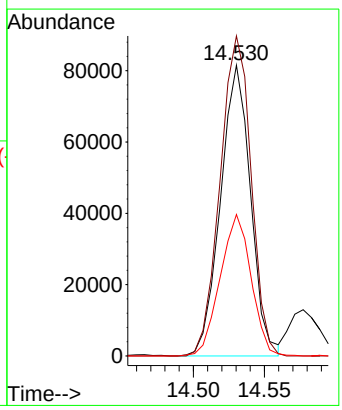


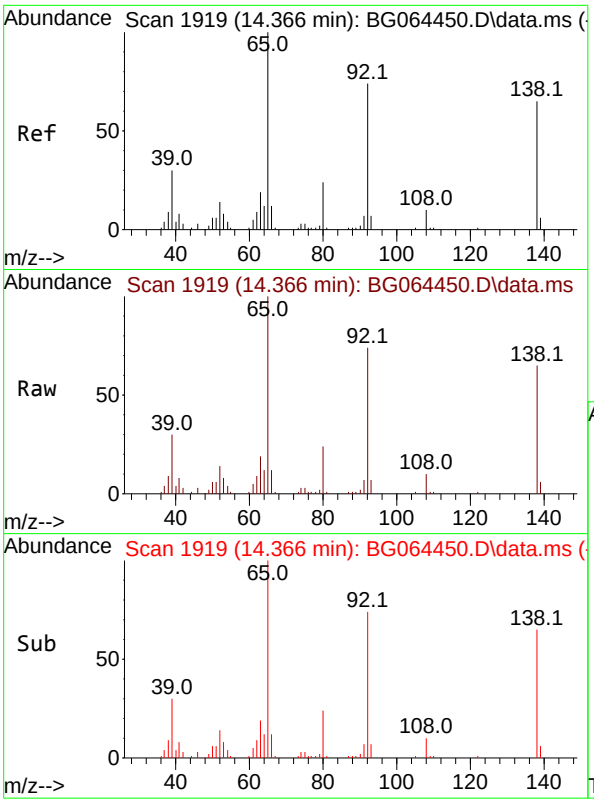


#52
Acenaphthene
Concen: 43.497 ng
RT: 14.530 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:154 Resp: 119888

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.1	132.1
152	48.7	39.0	58.4

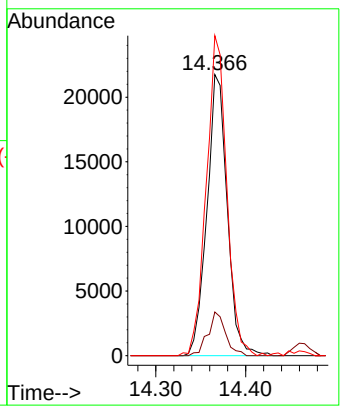




#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:138 Resp: 3415

Ion	Ratio	Lower	Upper
138	100		
108	15.5	12.4	18.6
92	113.8	91.0	136.6



Instrument :
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ClientSampleId :
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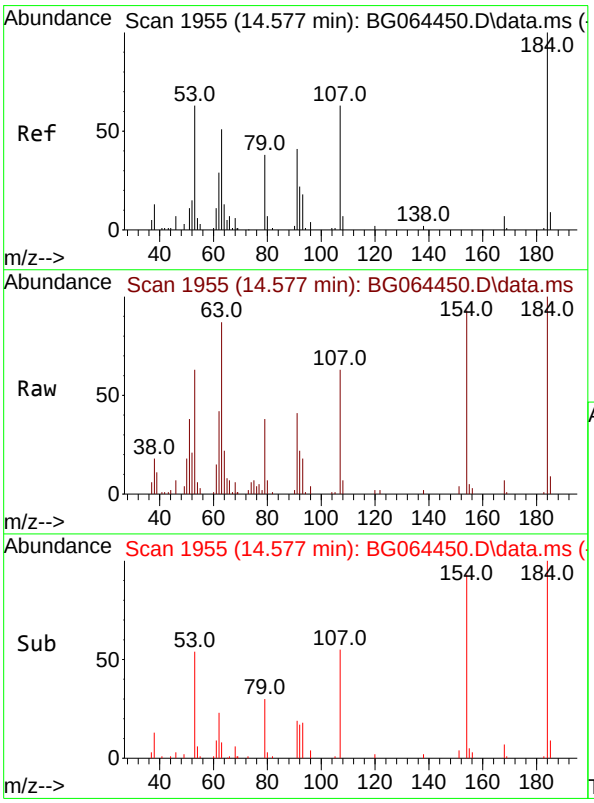
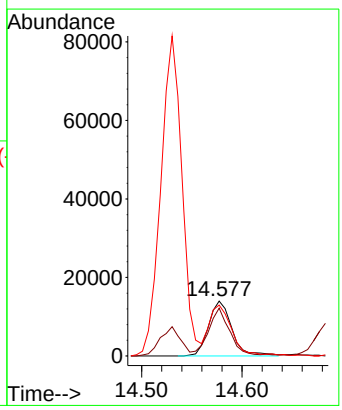
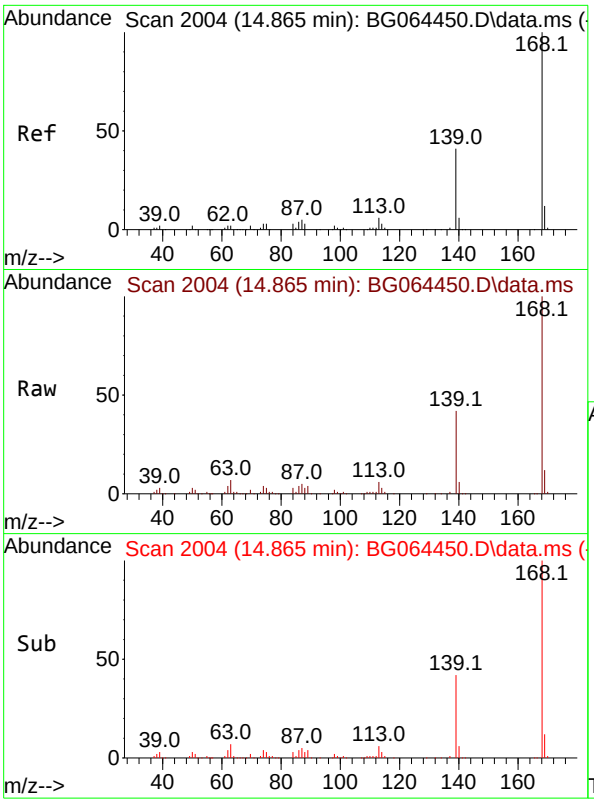


#54
2,4-Dinitrophenol
Concen: 42.323 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:184 Resp: 22631

Ion	Ratio	Lower	Upper
184	100		
63	87.3	69.8	104.8
154	92.8	74.2	111.4





#55
Dibenzofuran
Concen: 42.035 ng
RT: 14.865 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:168 Resp: 19209

Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.3	49.9
169	12.4	9.9	14.9

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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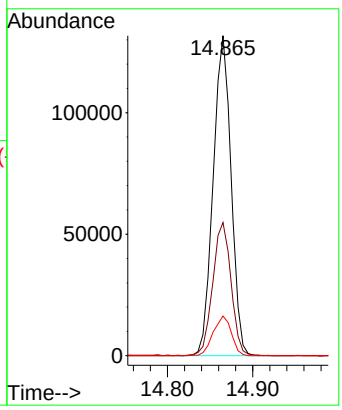
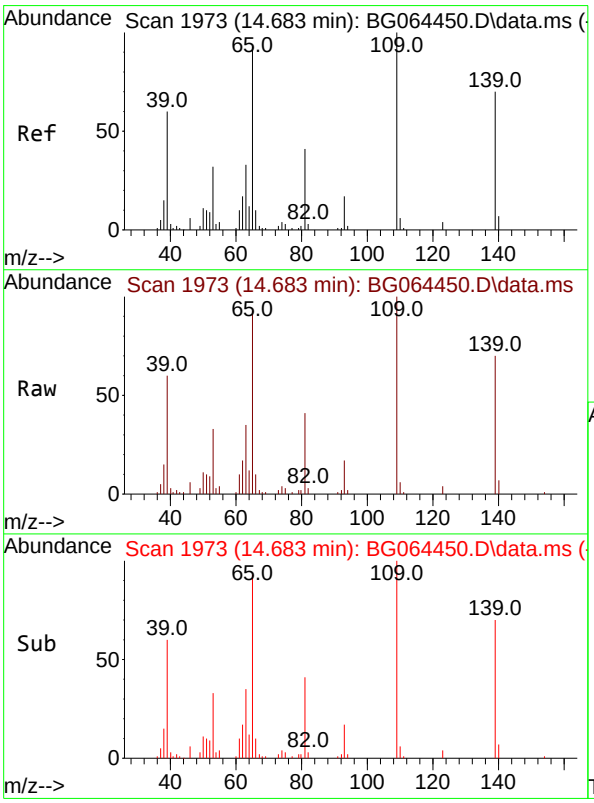
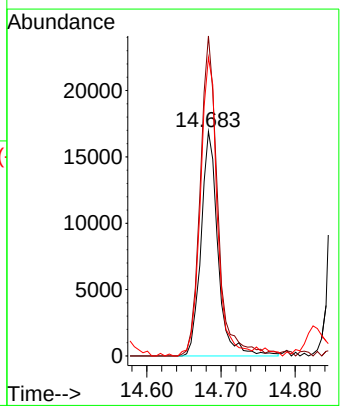


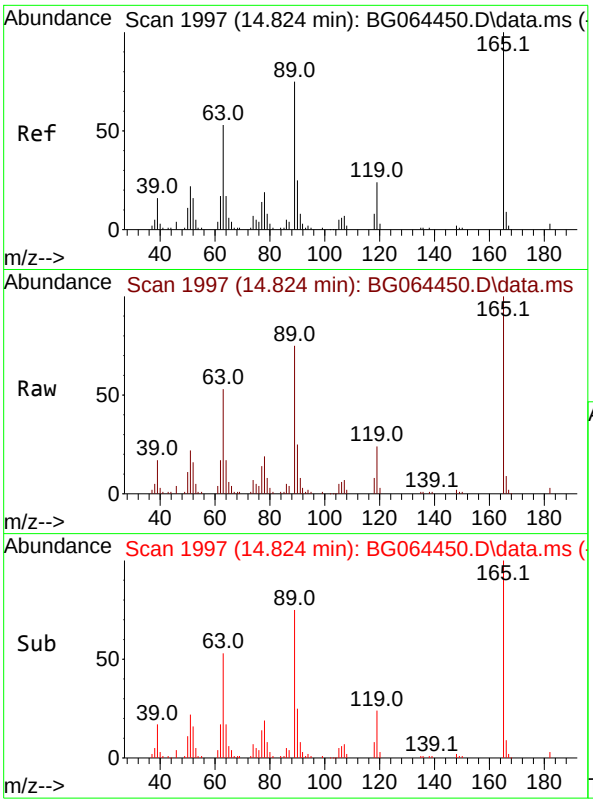


#56
4-Nitrophenol
Concen: 43.603 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:139 Resp: 26927

Ion	Ratio	Lower	Upper
139	100		
109	142.5	122.5	162.5
65	133.0	113.0	153.0

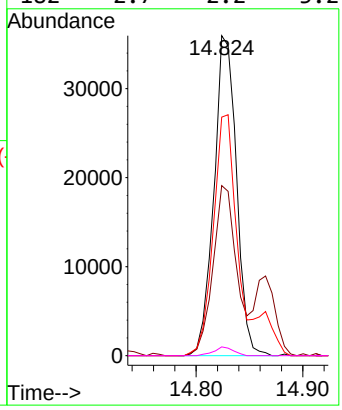




#57
2,4-Dinitrotoluene
Concen: 42.899 ng
RT: 14.824 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:165 Resp: 5272

Ion	Ratio	Lower	Upper
165	100		
63	53.2	42.6	63.8
89	74.6	59.7	89.5
182	2.7	2.2	3.2



Instrument :
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ClientSampleId :
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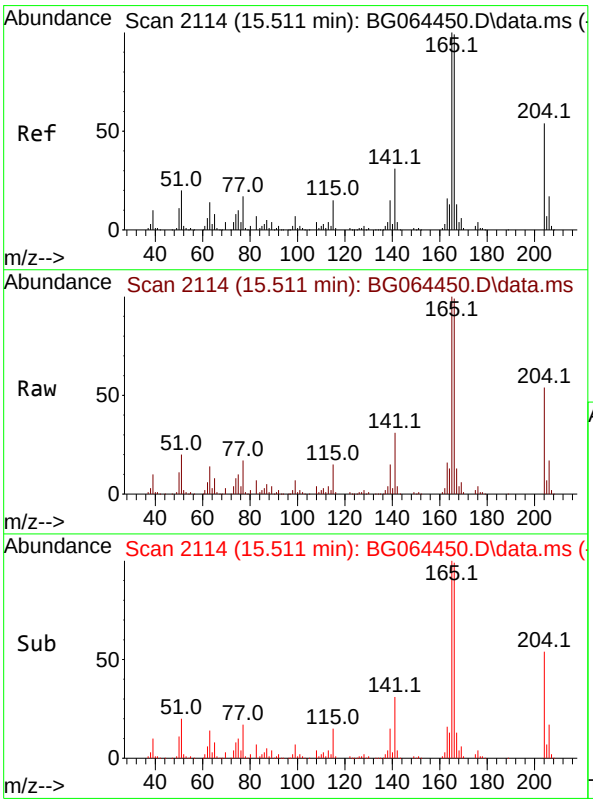
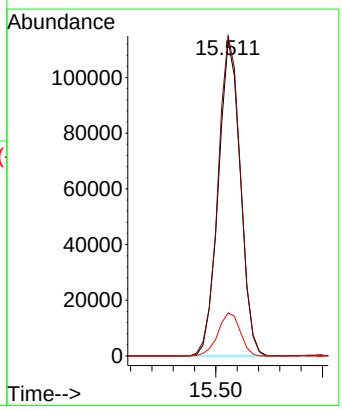
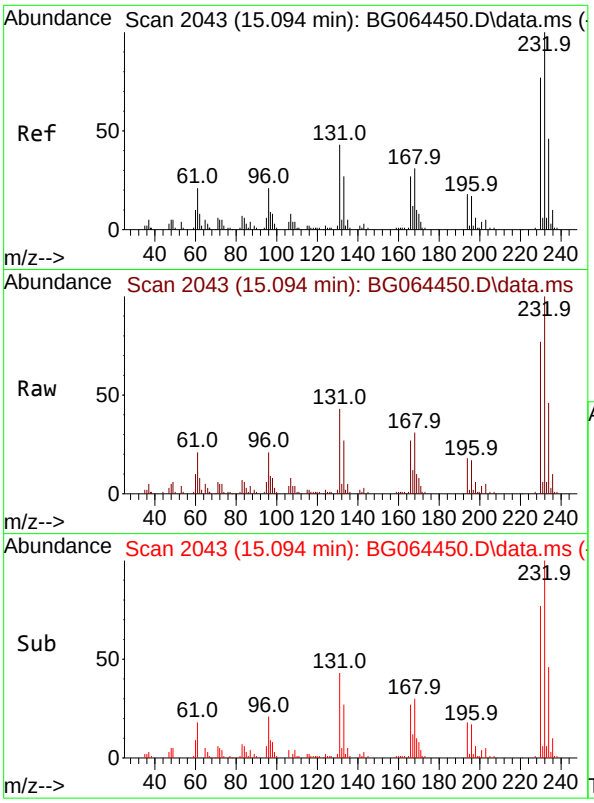


#58
Fluorene
Concen: 43.035 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:166 Resp: 162346

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.1	121.7
167	13.6	10.9	16.3

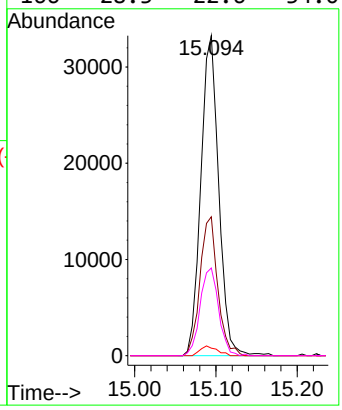




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.754 ng
RT: 15.094 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:232 Resp: 5079

Ion	Ratio	Lower	Upper
232	100		
131	42.9	34.3	51.5
130	2.9	2.3	3.5
166	28.3	22.6	34.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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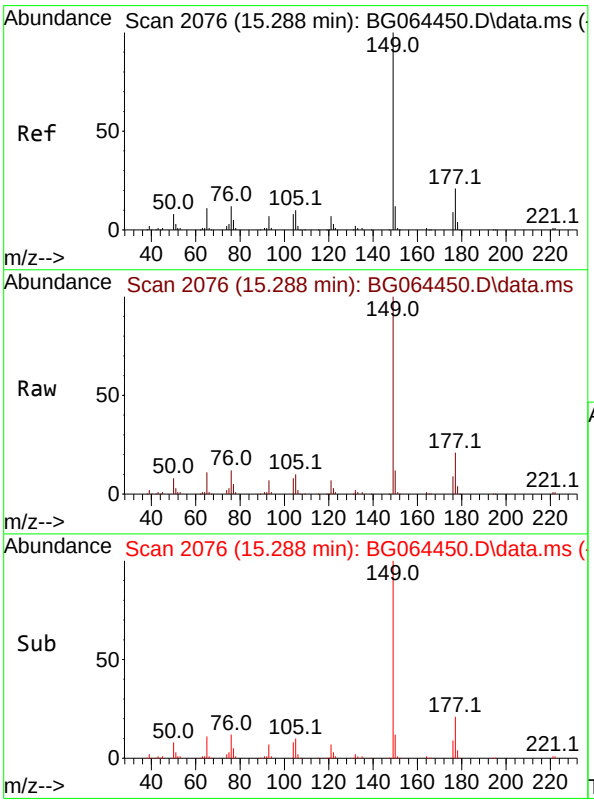
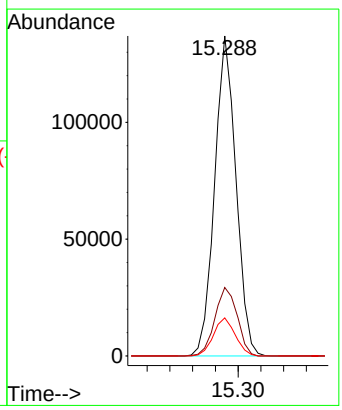
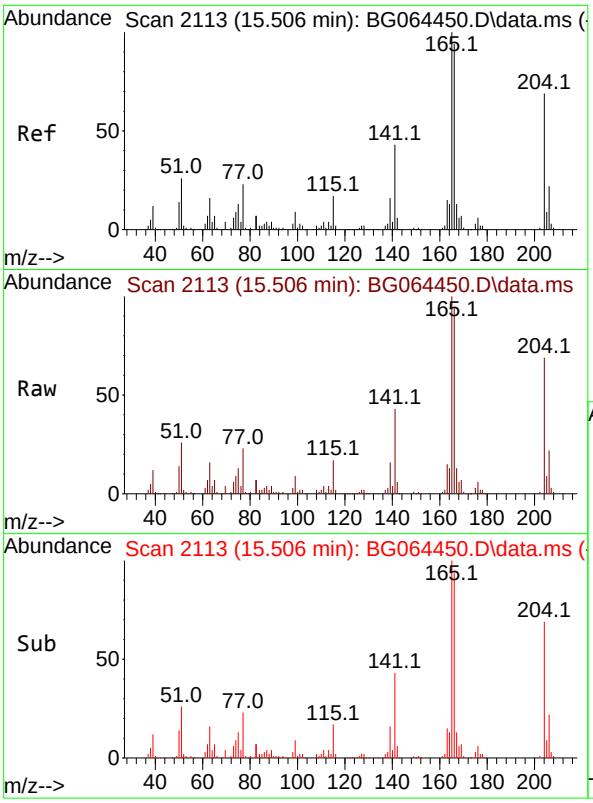


#60
Diethylphthalate
Concen: 43.227 ng
RT: 15.288 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:149 Resp: 178543

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	11.9	9.5	14.3

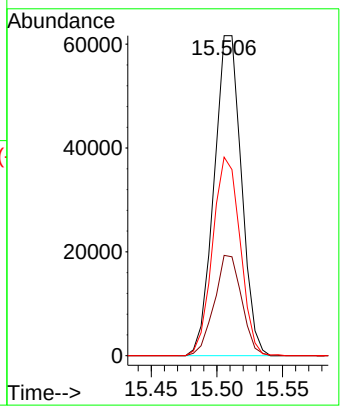




#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 15.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:204 Resp: 8918

Ion	Ratio	Lower	Upper
204	100		
206	31.3	25.0	37.6
141	62.1	49.7	74.5



Instrument :
BNA_G
ClientSampleId :
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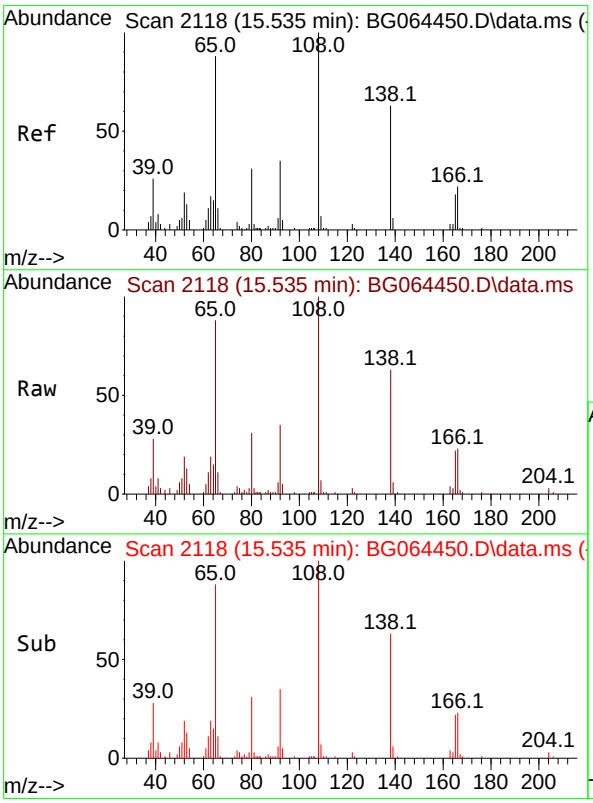
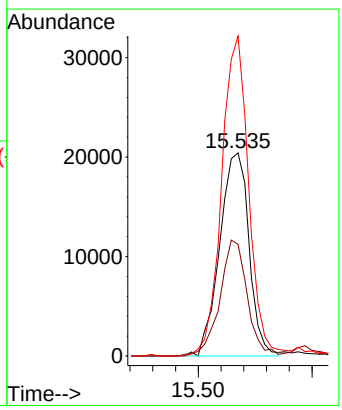
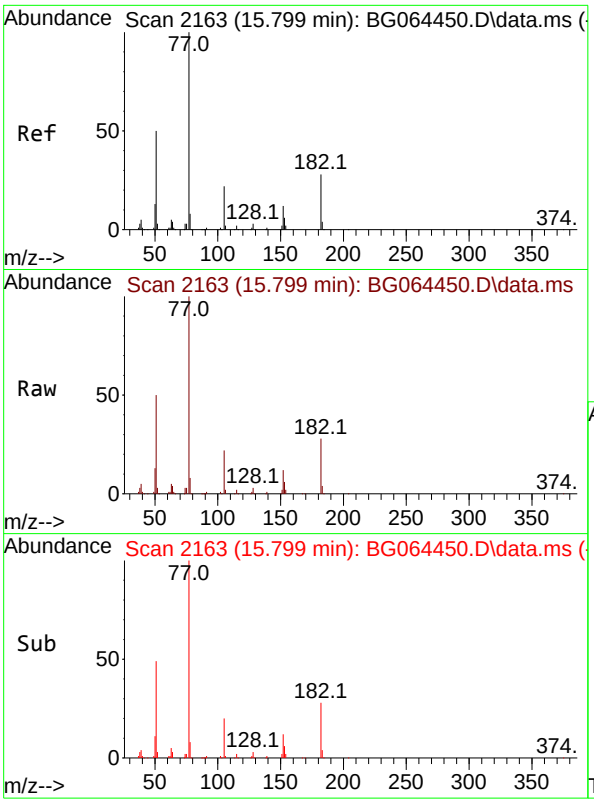


#62
4-Nitroaniline
Concen: 44.591 ng
RT: 15.535 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:138 Resp: 36479

Ion	Ratio	Lower	Upper
138	100		
92	55.0	35.0	75.0
108	157.5	137.5	177.5

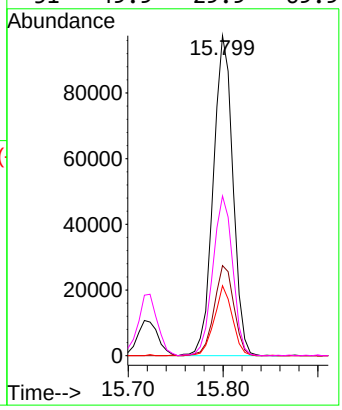




#63
Azobenzene
Concen: 43.401 ng
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 77 Resp: 14027

Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.1	48.1
105	21.9	1.9	41.9
51	49.9	29.9	69.9



Instrument :
BNA_G
ClientSampleId :
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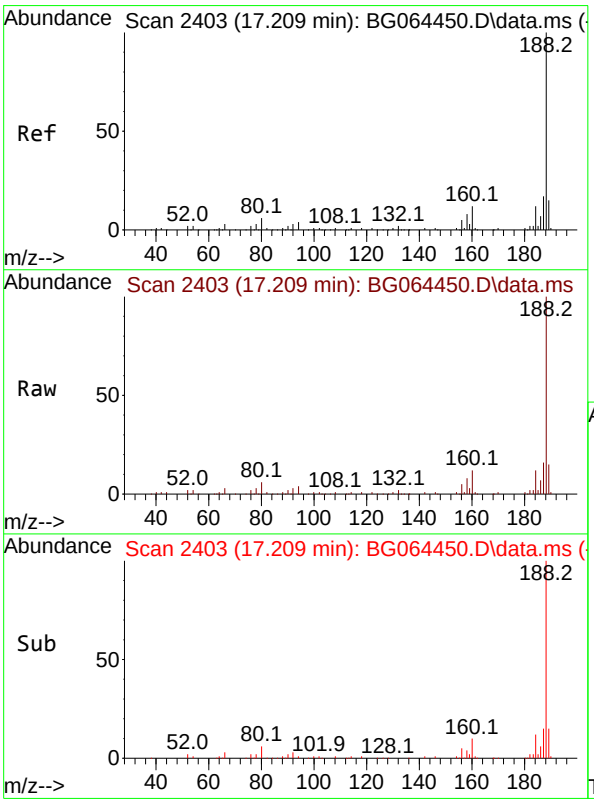
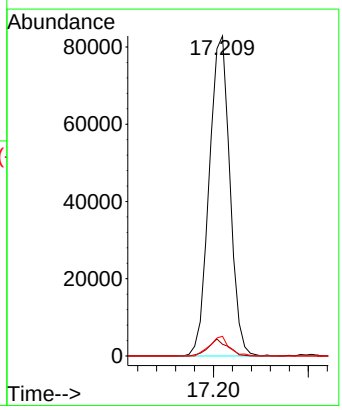
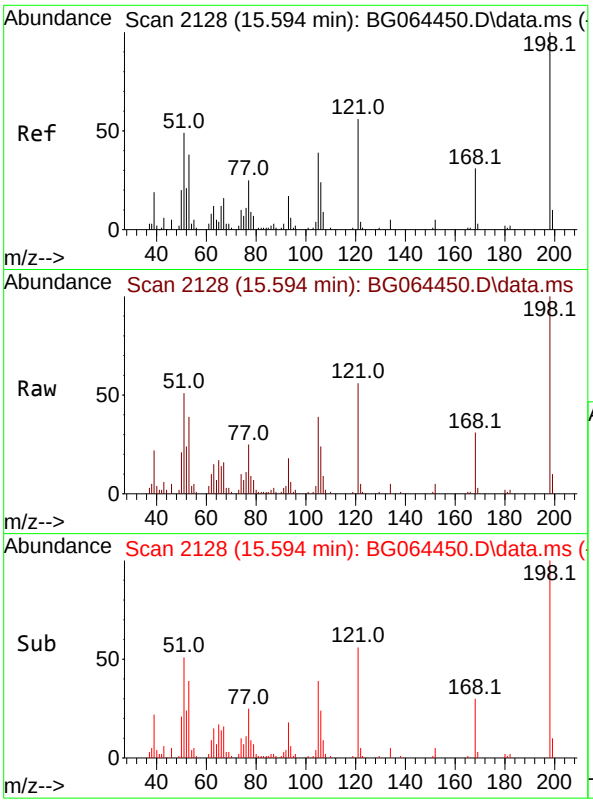


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:188 Resp: 125215

Ion	Ratio	Lower	Upper
188	100		
94	3.7	3.0	4.4
80	6.1	4.9	7.3

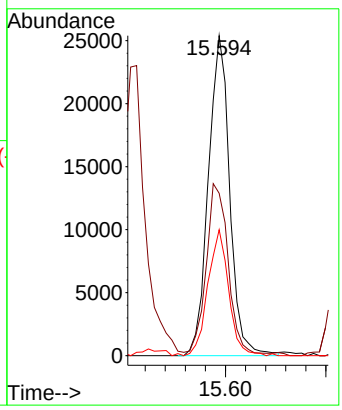




#65
4,6-Dinitro-2-methylphenol
Concen: 43.859 ng
RT: 15.594 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:198 Resp: 3761

Ion	Ratio	Lower	Upper
198	100		
51	50.8	30.8	70.8
105	39.3	19.3	59.3



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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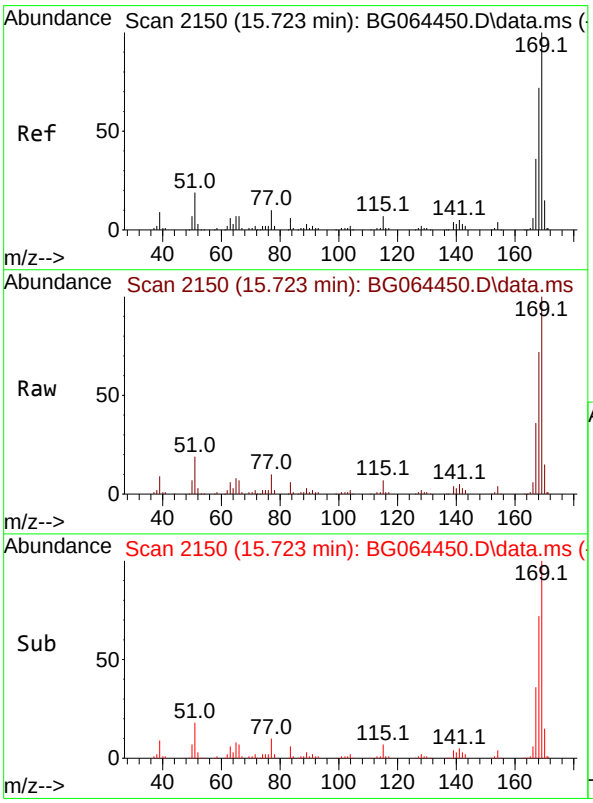
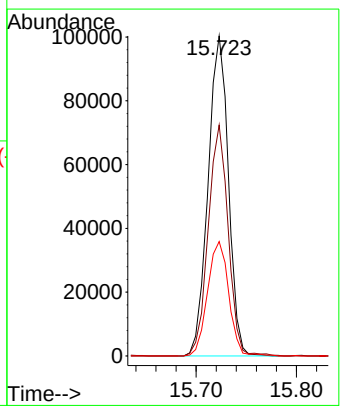
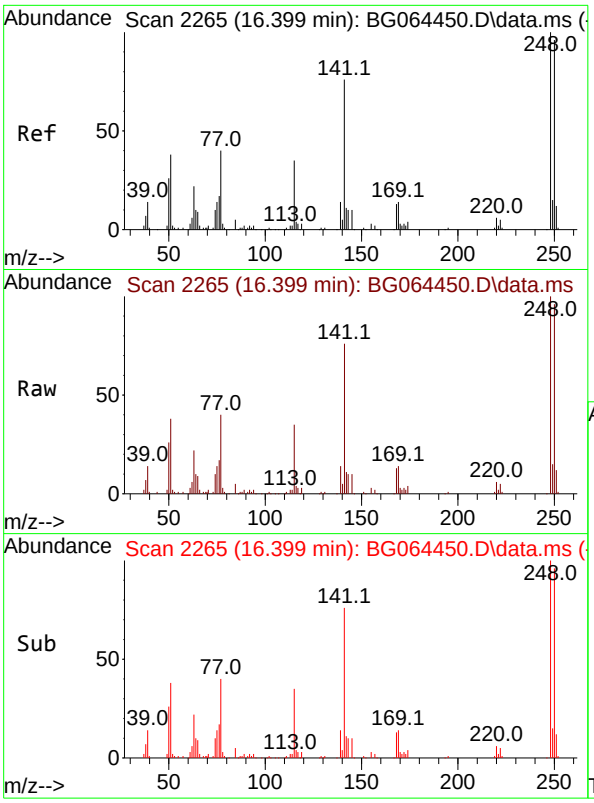


#66
n-Nitrosodiphenylamine
Concen: 42.194 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:169 Resp: 140984

Ion	Ratio	Lower	Upper
169	100		
168	72.1	57.7	86.5
167	35.7	28.6	42.8





#67
4-Bromophenyl-phenylether
Concen: 43.215 ng
RT: 16.399 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 6340

Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.0	115.6
141	76.4	61.1	91.7

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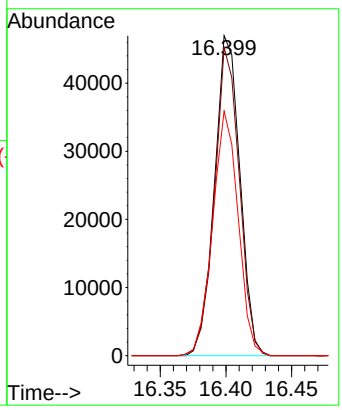
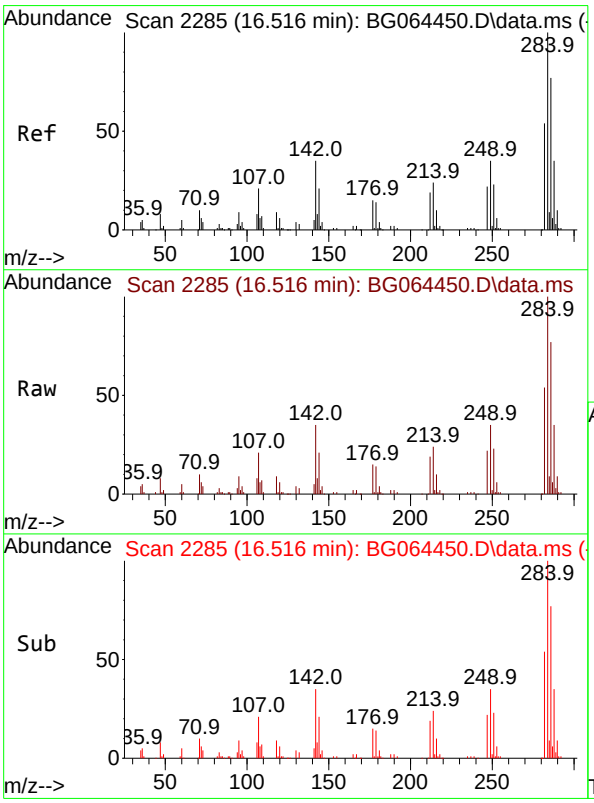
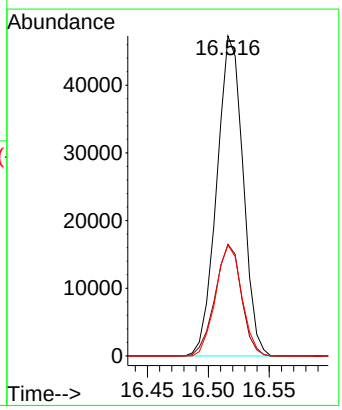


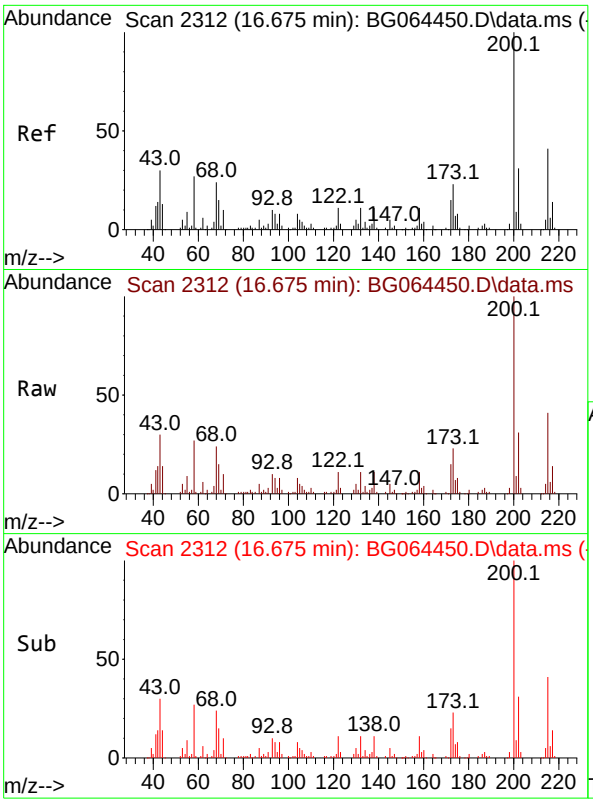


#68
Hexachlorobenzene
Concen: 42.326 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:284 Resp: 70671

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.9	41.9
249	34.6	27.7	41.5





#69
Atrazine
Concen: 42.322 ng
RT: 16.675 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:200 Resp: 6424

Ion	Ratio	Lower	Upper
200	100		
173	22.9	2.9	42.9
215	41.1	21.1	61.1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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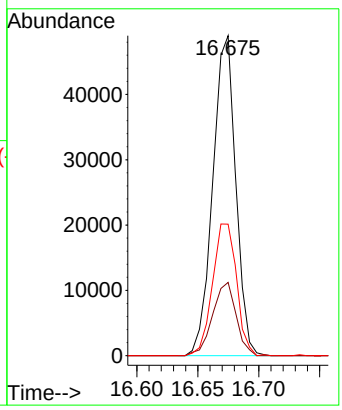
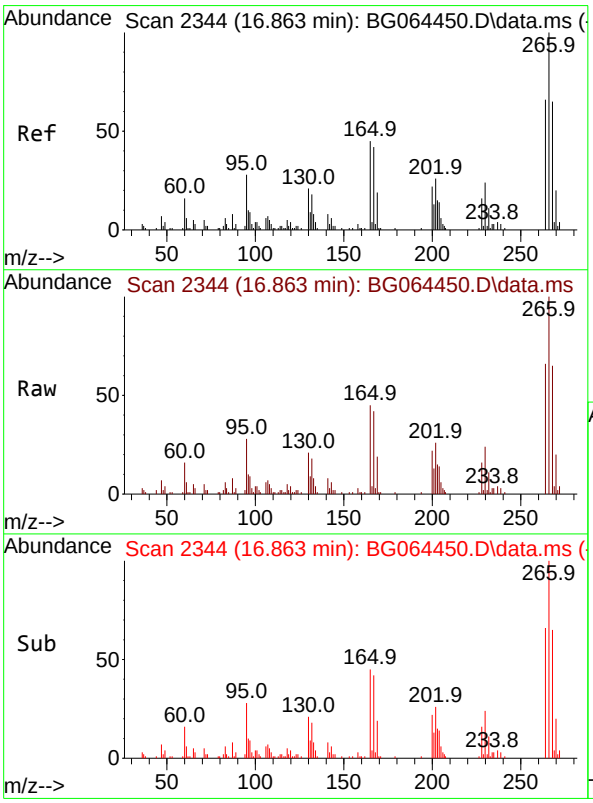
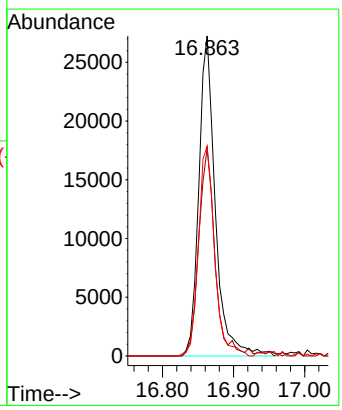


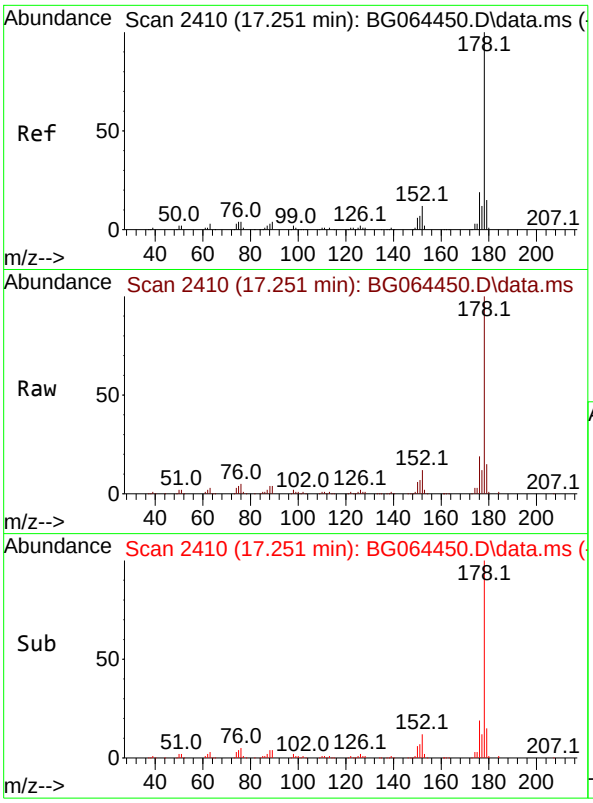


#70
Pentachlorophenol
Concen: 43.823 ng
RT: 16.863 min Scan# 2344
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:266 Resp: 44158

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	65.5	52.4	78.6

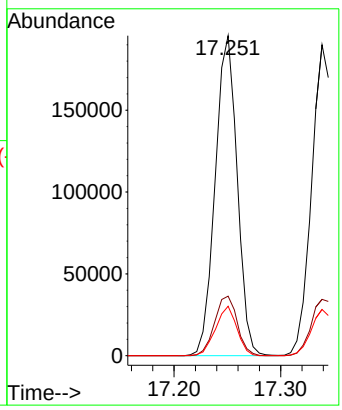




#71
Phenanthrene
Concen: 43.014 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:178 Resp: 27994

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.4	18.6



Instrument :
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ClientSampleId :
SSTDICCC040

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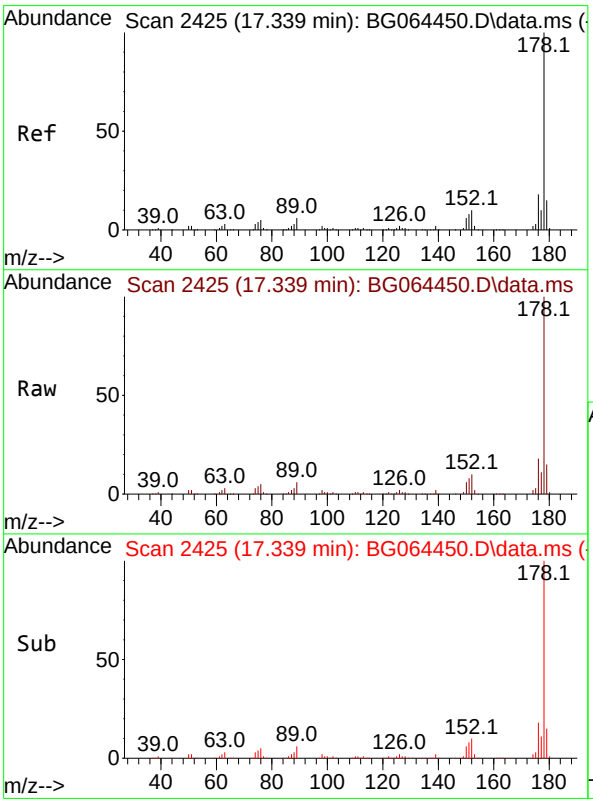
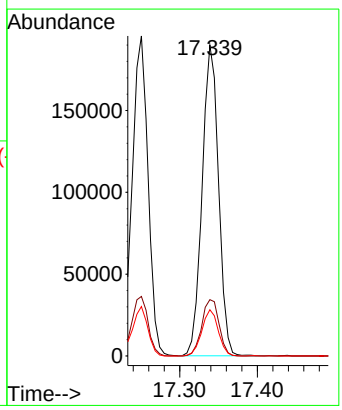
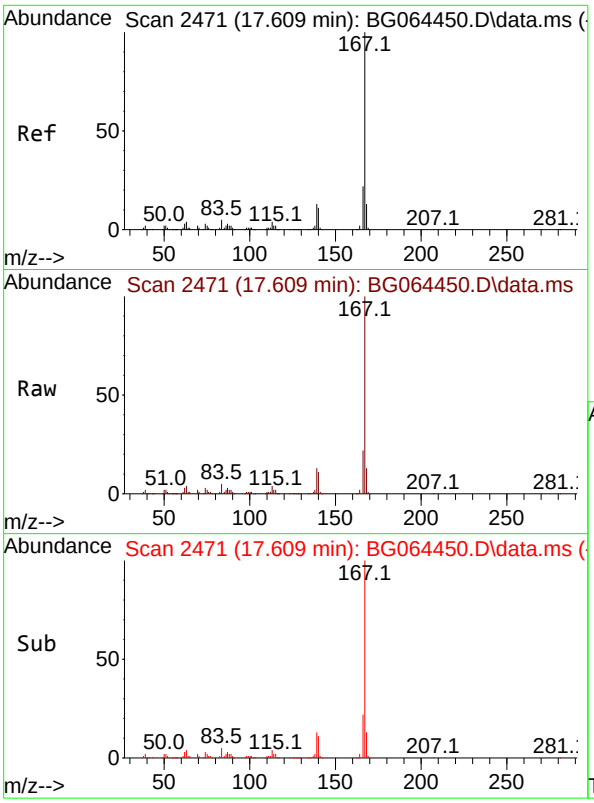


#72
Anthracene
Concen: 42.040 ng
RT: 17.339 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:178 Resp: 278620

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	14.9	11.9	17.9

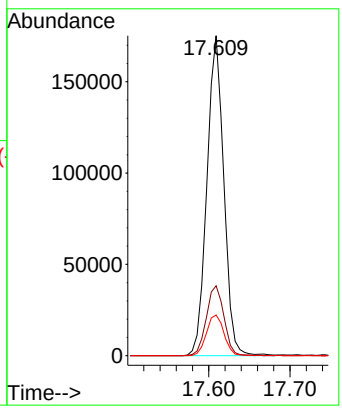




#73
Carbazole
Concen: 43.456 ng
RT: 17.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:167 Resp: 25266

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.7	10.2	15.2



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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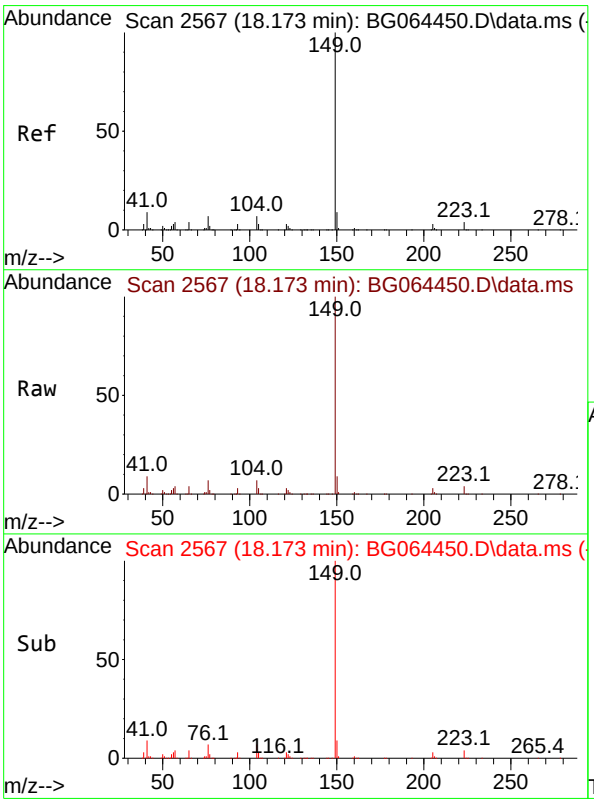
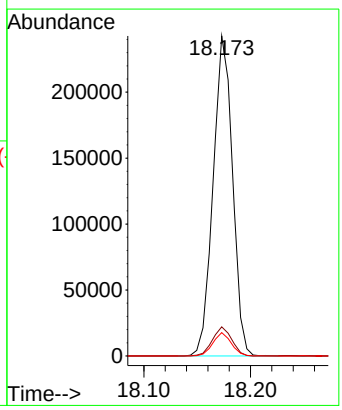
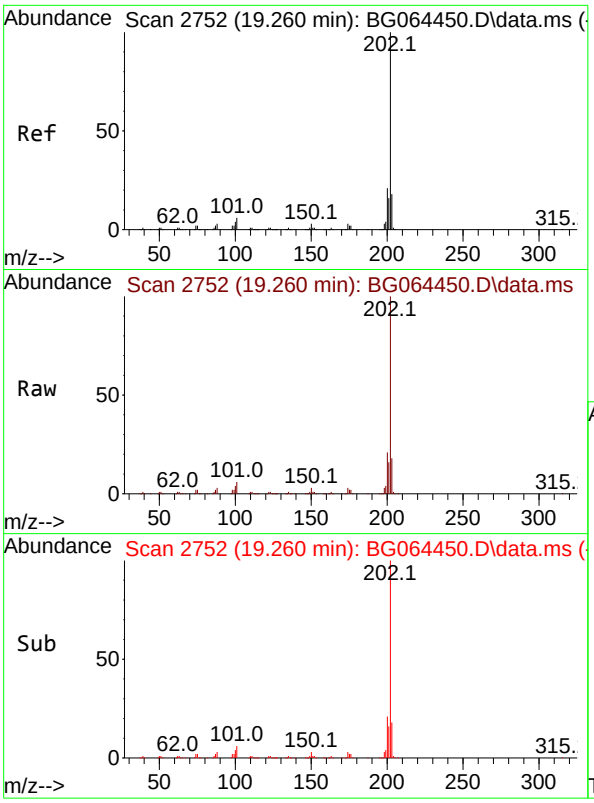


#74
Di-n-butylphthalate
Concen: 43.093 ng
RT: 18.173 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:149 Resp: 306480

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	7.3	5.8	8.8





#75
Fluoranthene
Concen: 42.967 ng
RT: 19.260 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:202 Resp: 35313

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	25.6
203	17.7	0.0	37.7

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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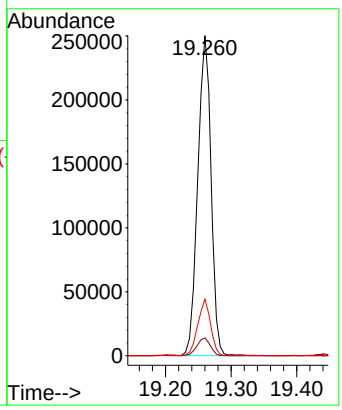
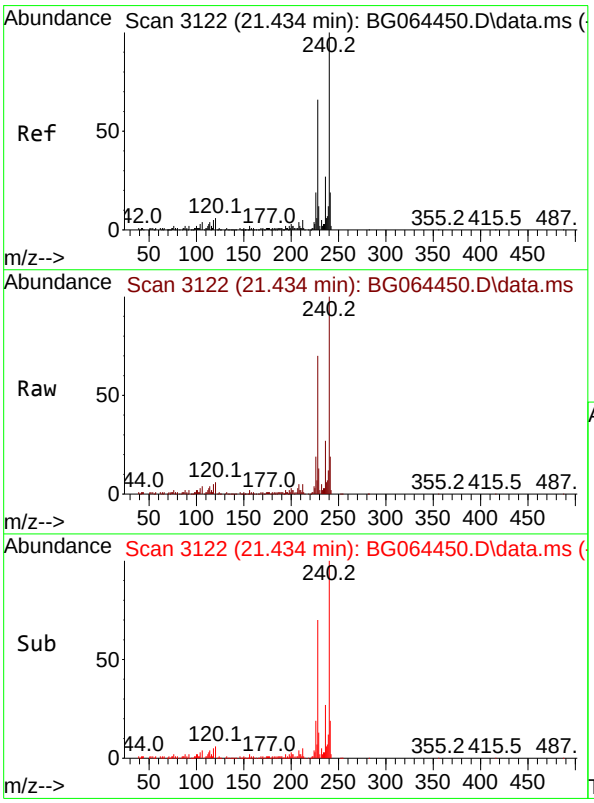
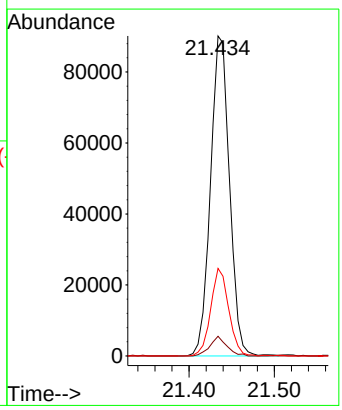


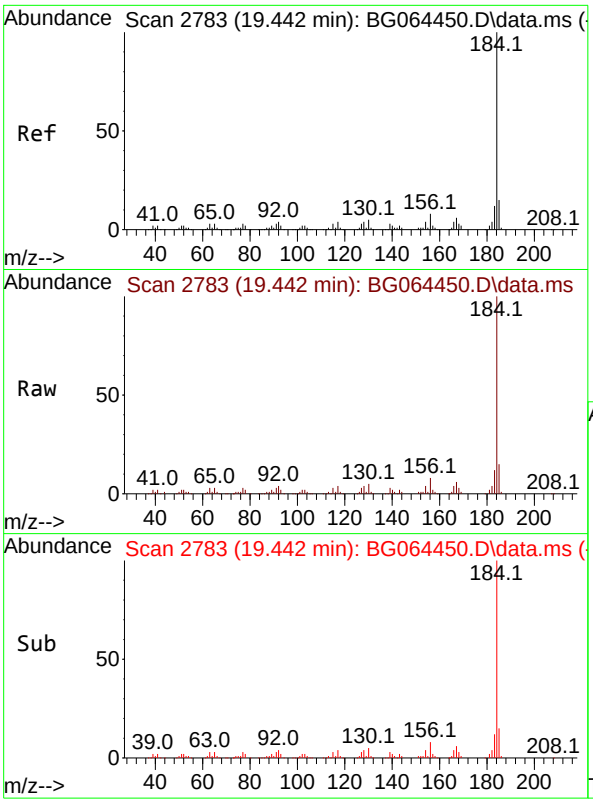


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:240 Resp: 139874

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.4
236	27.4	21.9	32.9

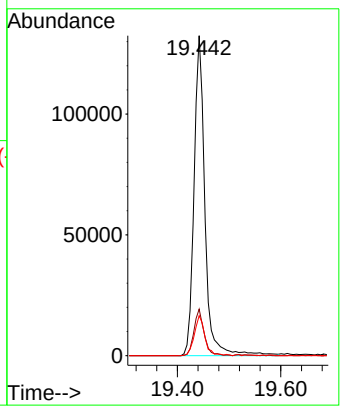




#77
Benzidine
Concen: 52.897 ng
RT: 19.442 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:184 Resp: 19372

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	12.5	10.0	15.0



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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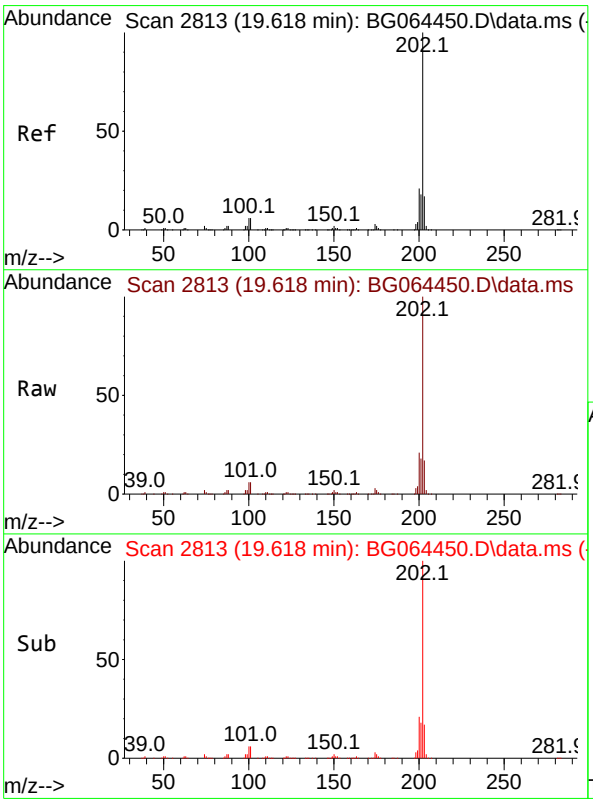
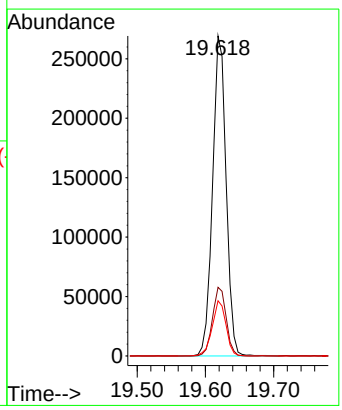
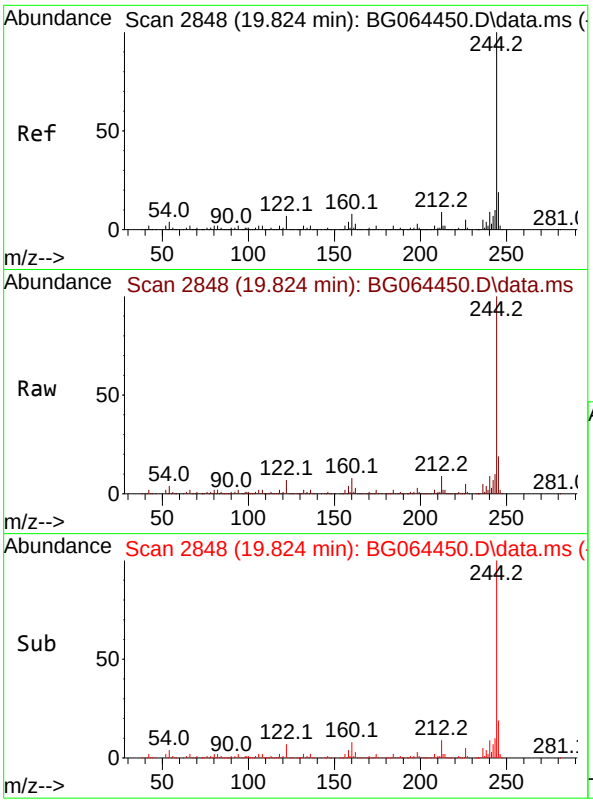


#78
Pyrene
Concen: 42.903 ng
RT: 19.618 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:202 Resp: 372354

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.2	13.8	20.6





#79
Terphenyl-d14
Concen: 85.916 ng
RT: 19.824 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:244 Resp: 60962

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	7.1	5.7	8.5

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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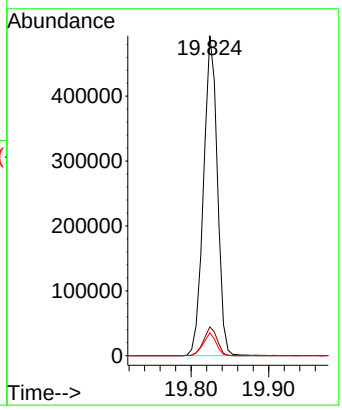
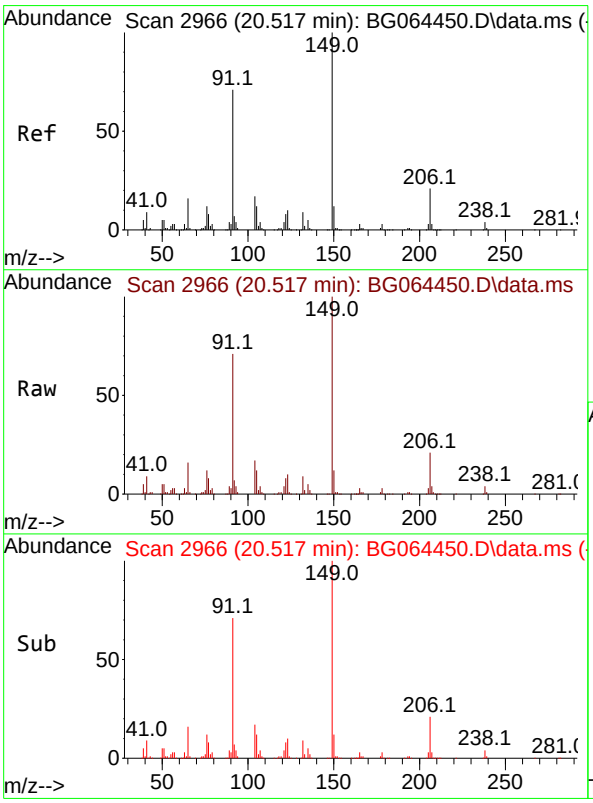
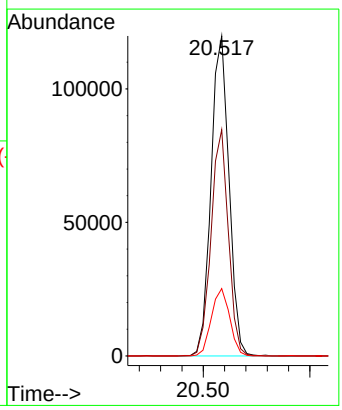


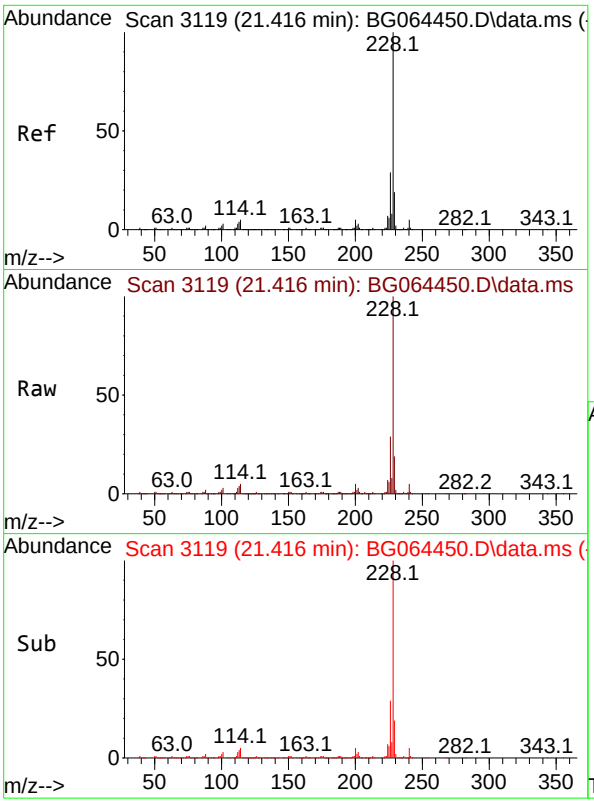


#80
Butylbenzylphthalate
Concen: 43.032 ng
RT: 20.517 min Scan# 2966
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:149 Resp: 139596

Ion	Ratio	Lower	Upper
149	100		
91	70.7	56.6	84.8
206	21.0	16.8	25.2





#81
Benzo(a)anthracene
Concen: 42.509 ng
RT: 21.416 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:228 Resp: 38070

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	18.9	15.1	22.7

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations
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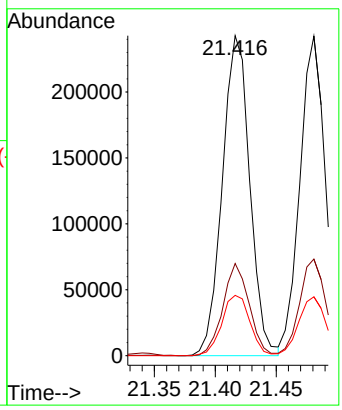
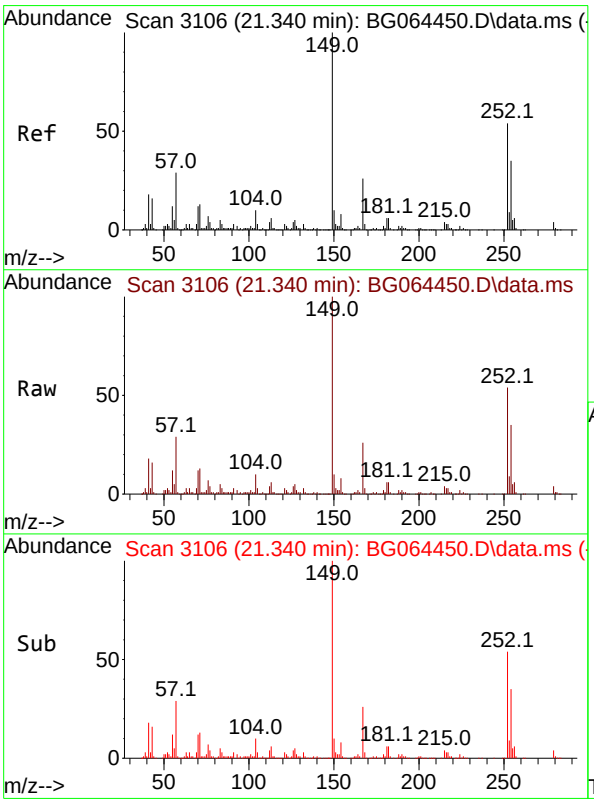
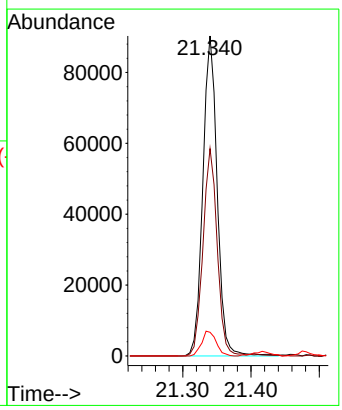


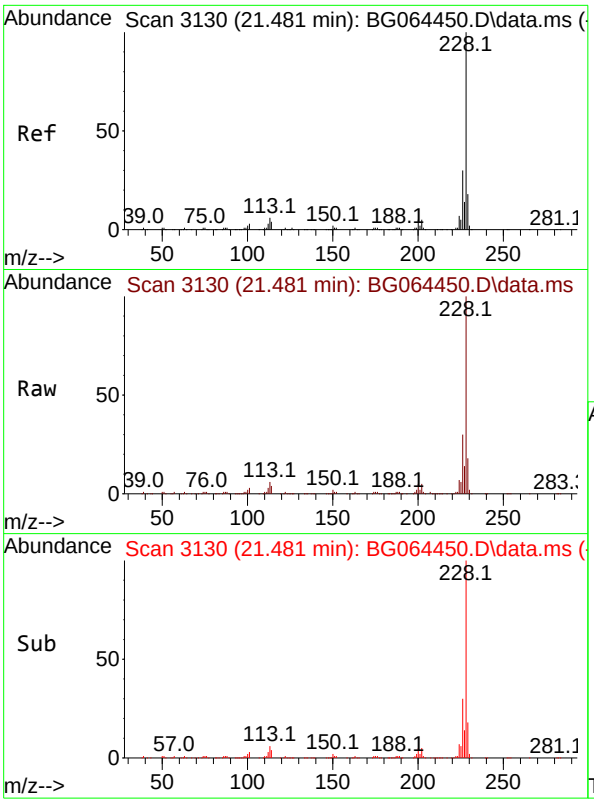


#82
3,3'-Dichlorobenzidine
Concen: 42.919 ng
RT: 21.340 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:252 Resp: 132191

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.8
126	7.4	5.9	8.9





#83
Chrysene
Concen: 41.565 ng
RT: 21.481 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:228 Resp: 35253

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	18.4	14.7	22.1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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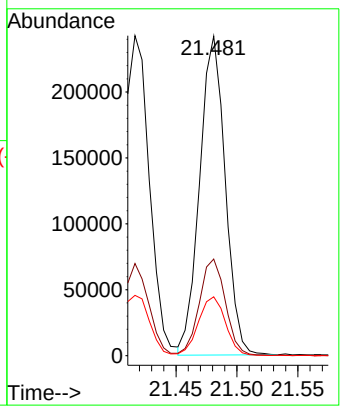
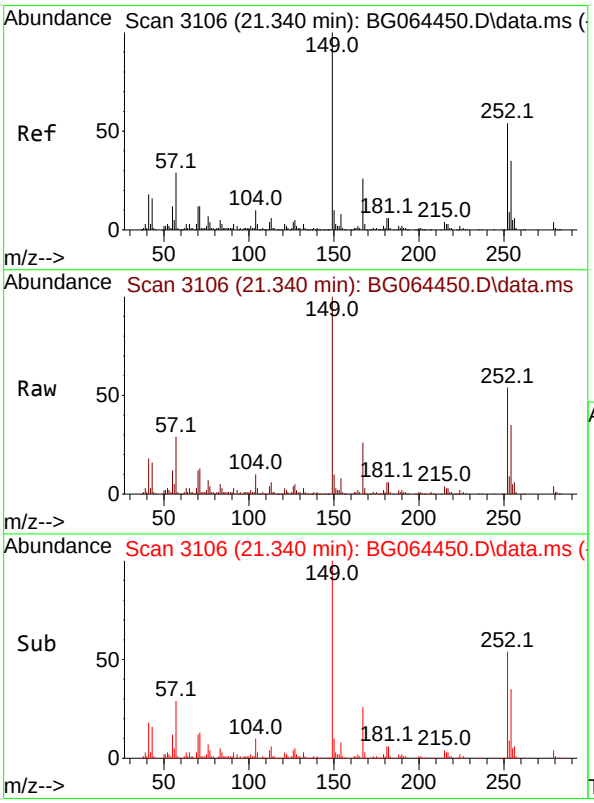
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

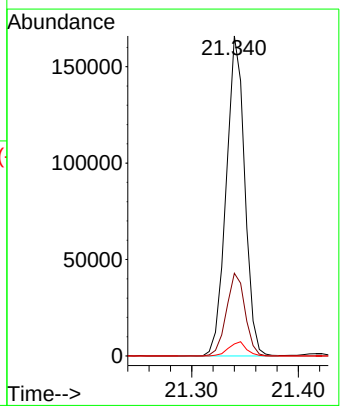


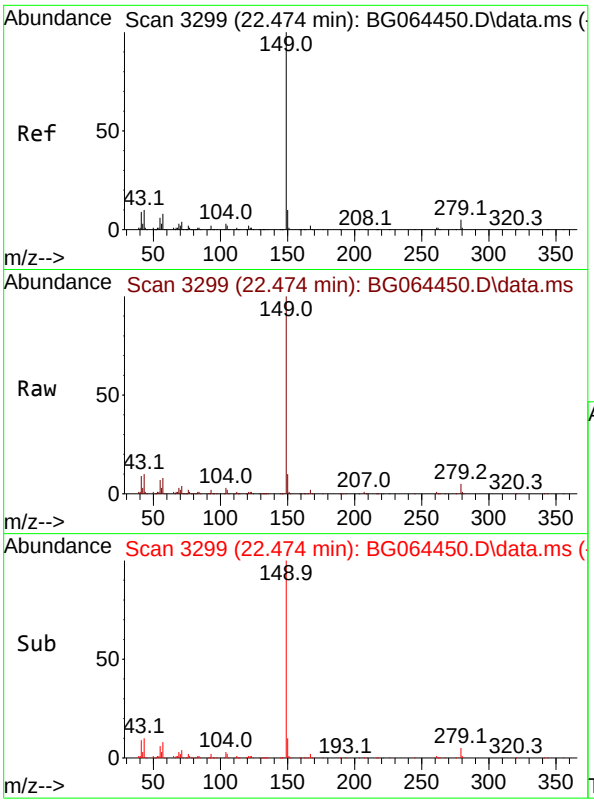


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.657 ng
RT: 21.340 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:149 Resp: 199336

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.6	31.0
279	3.7	3.0	4.4

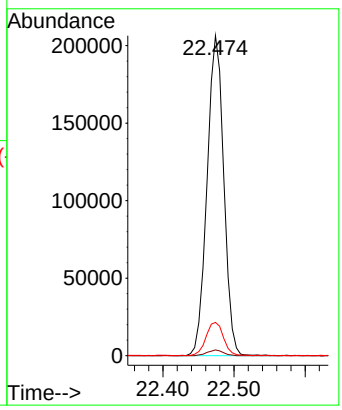




#85
Di-n-octyl phthalate
Concen: 42.486 ng
RT: 22.474 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:149 Resp: 33749

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.0	8.8	13.2



Instrument :
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ClientSampleId :
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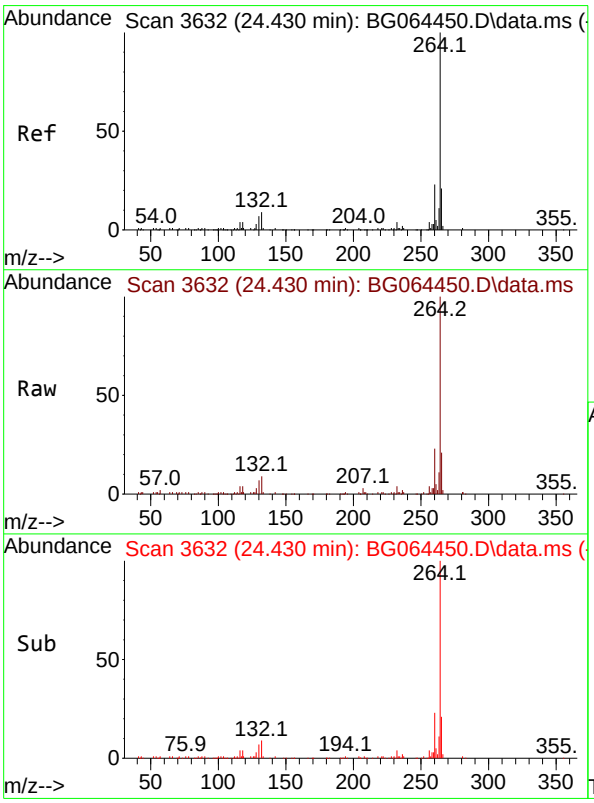
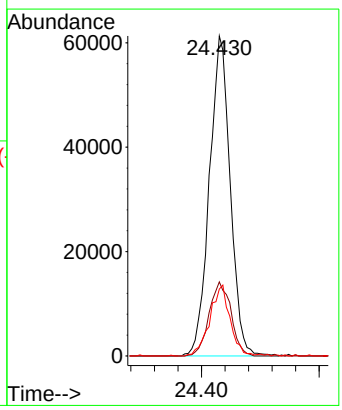
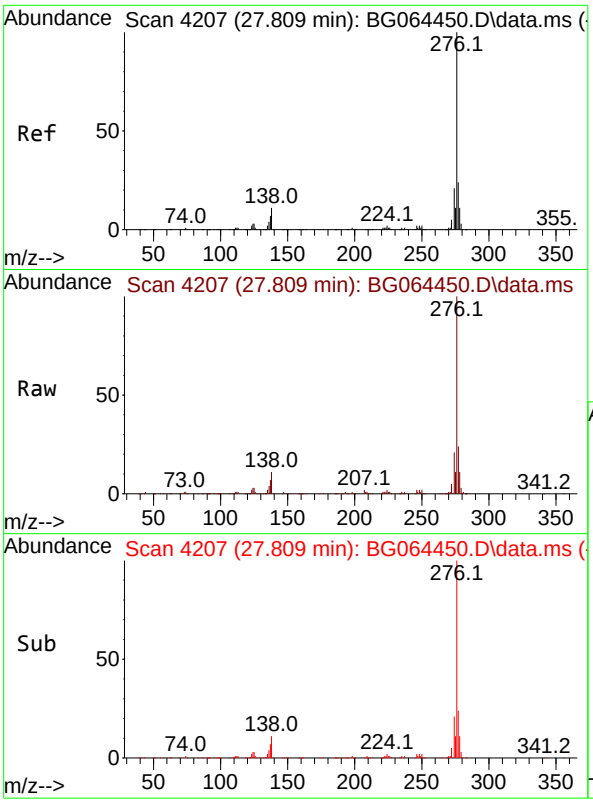


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:264 Resp: 150557

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	16.7	25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.567 ng
RT: 27.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:276 Resp: 45294

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.3	15.5
277	24.0	19.2	28.8

Instrument :
BNA_G
ClientSampleId :
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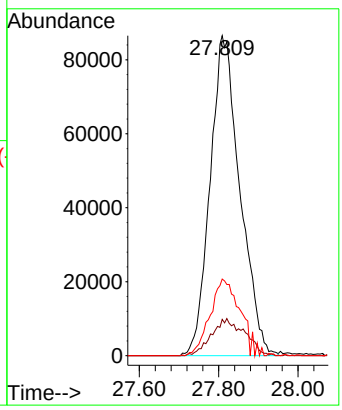
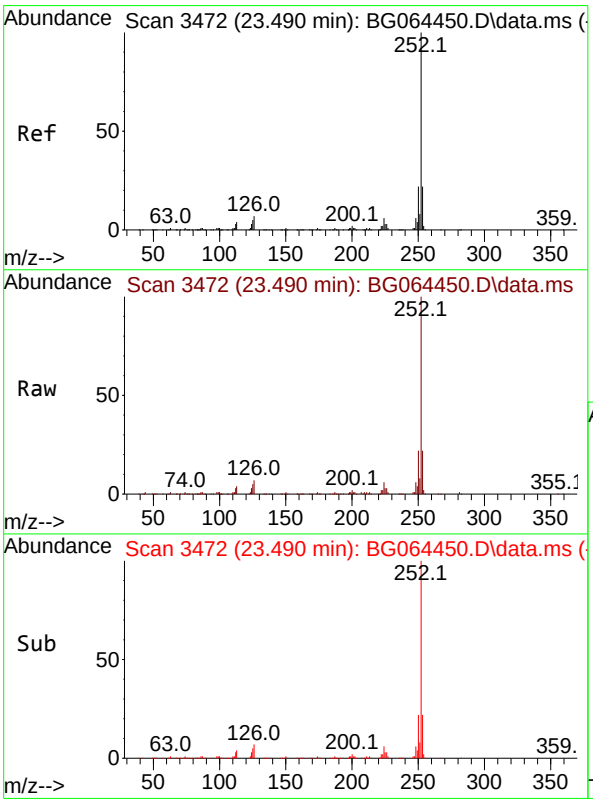
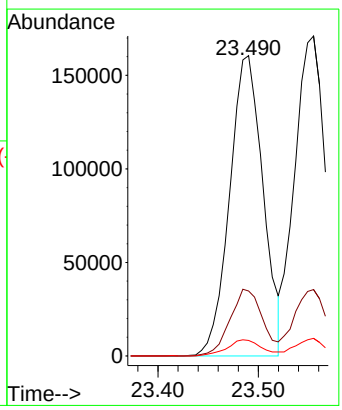


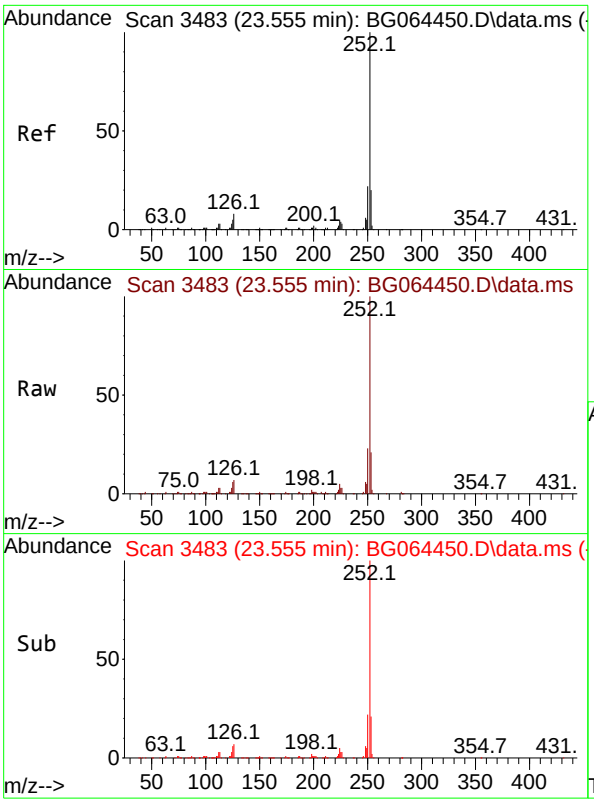


#88
Benzo(b)fluoranthene
Concen: 43.068 ng
RT: 23.490 min Scan# 3472
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:252 Resp: 371712

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	5.2	4.2	6.2

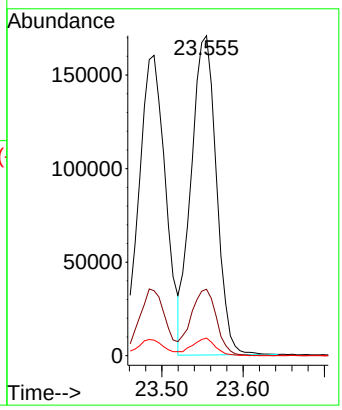




#89
Benzo(k)fluoranthene
Concen: 42.638 ng
RT: 23.555 min Scan# 34
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:252 Resp: 36835

Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.6	24.8
125	5.5	4.4	6.6



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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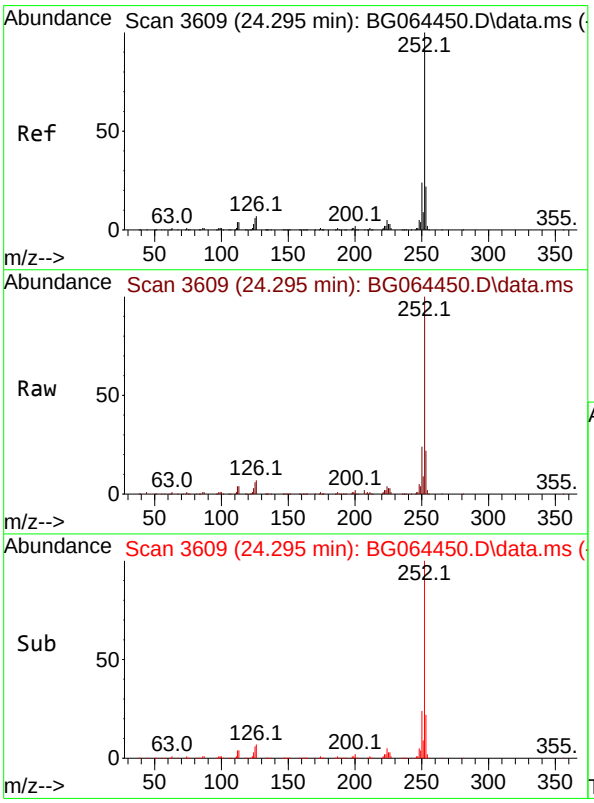
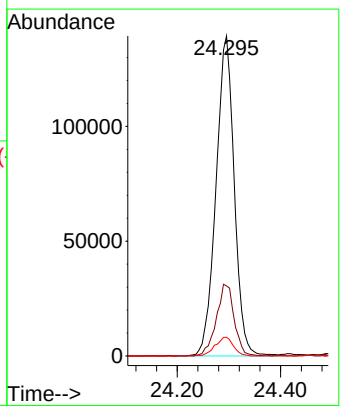
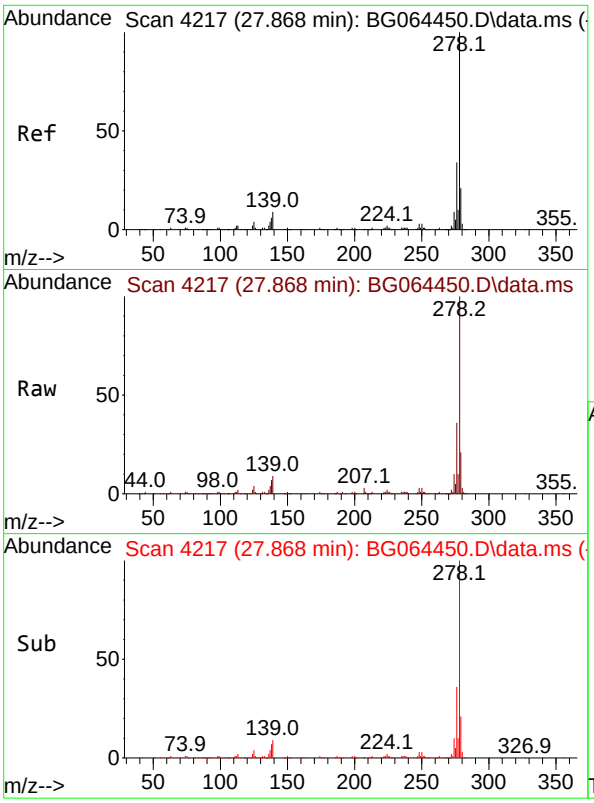


#90
Benzo(a)pyrene
Concen: 42.749 ng
RT: 24.295 min Scan# 3609
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:252 Resp: 341781

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	5.8	4.6	7.0

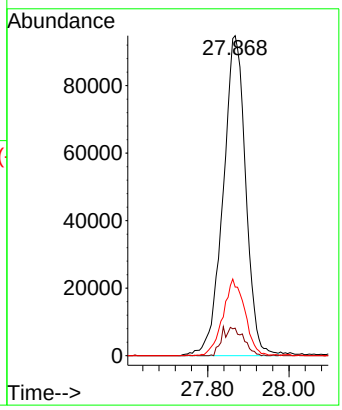




#91
Dibenzo(a,h)anthracene
Concen: 42.402 ng
RT: 27.868 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:278 Resp: 36577

Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.9	10.3
279	21.5	17.2	25.8



Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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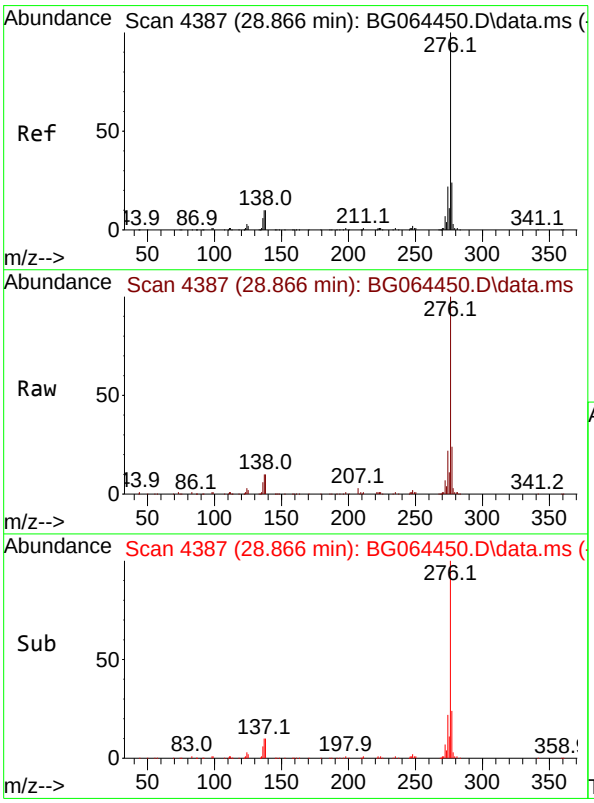
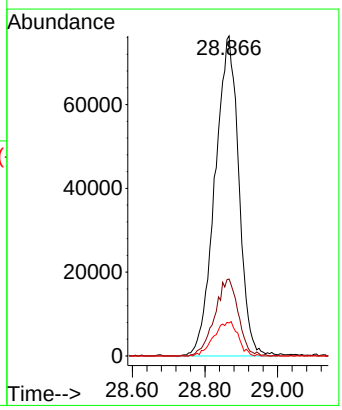


#92
Benzo(g,h,i)perylene
Concen: 41.955 ng
RT: 28.866 min Scan# 4387
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:276 Resp: 347587

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	10.3	8.2	12.4