Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064823.D
Acq On : 19 Nov 2025 20:06
Operator : RC/JU
Sample : PB170608BS
Misc : LOD-WATER-4PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 20 00:34:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170608BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.161	152	55849	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	223272	20.000	ng		0.00
39) Acenaphthene-d10	14.777	164	181414	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	441904	20.000	ng		0.00
76) Chrysene-d12	21.751	240	497397	20.000	ng		0.00
86) Perylene-d12	25.012	264	490339	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	419941	131.302	ng		0.00
7) Phenol-d6	7.315	99	560043	131.655	ng		0.00
23) Nitrobenzene-d5	9.324	82	359346	79.576	ng		0.00
42) 2,4,6-Tribromophenol	16.251	330	443133	125.245	ng		0.00
45) 2-Fluorobiphenyl	13.408	172	1012877	77.905	ng		0.00
79) Terphenyl-d14	20.088	244	2177723	86.124	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	38480	31.078	ng		95
3) Pyridine	3.936	79	115139	31.210	ng		95
4) n-Nitrosodimethylamine	3.842	42	72287	38.498	ng		88
6) Aniline	7.479	93	185833	32.775	ng		97
8) 2-Chlorophenol	7.726	128	167490	47.693	ng		99
9) Benzaldehyde	7.285	77	83116	29.849	ng		96
10) Phenol	7.338	94	216369	46.749	ng		96
11) bis(2-Chloroethyl)ether	7.567	93	146424	44.458	ng		97
12) 1,3-Dichlorobenzene	8.049	146	174627	43.214	ng		95
13) 1,4-Dichlorobenzene	8.196	146	177026	43.022	ng		100
14) 1,2-Dichlorobenzene	8.519	146	172825	43.317	ng		97
15) Benzyl Alcohol	8.396	79	161292	46.194	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.690	45	304519	39.063	ng		98
17) 2-Methylphenol	8.601	107	150988	46.105	ng		98
18) Hexachloroethane	9.259	117	61748	39.621	ng		99
19) n-Nitroso-di-n-propyla...	8.966	70	125474	43.624	ng		92
20) 3+4-Methylphenols	8.925	107	203540	45.368	ng		94
22) Acetophenone	8.983	105	252338	41.483	ng	#	97
24) Nitrobenzene	9.365	77	190844	41.826	ng		96
25) Isophorone	9.894	82	364546	42.392	ng		99
26) 2-Nitrophenol	10.082	139	95899	46.727	ng		96
27) 2,4-Dimethylphenol	10.135	122	165411	45.367	ng		97
28) bis(2-Chloroethoxy)met...	10.370	93	210850	44.662	ng		100
29) 2,4-Dichlorophenol	10.623	162	185483	47.384	ng		96
30) 1,2,4-Trichlorobenzene	10.840	180	208085	44.022	ng		99
31) Naphthalene	11.028	128	526696	41.614	ng		99
32) Benzoic acid	10.282	122	109970	43.380	ng		93
33) 4-Chloroaniline	11.128	127	78706	15.545	ng		98
34) Hexachlorobutadiene	11.322	225	158351	39.044	ng		95
35) Caprolactam	11.898	113	56114m	47.927	ng		
36) 4-Chloro-3-methylphenol	12.238	107	196229	45.038	ng		95
37) 2-Methylnaphthalene	12.620	142	362747	38.299	ng		97
38) 1-Methylnaphthalene	12.838	142	376388	40.005	ng		98
40) 1,2,4,5-Tetrachloroben...	12.985	216	292898	41.486	ng		98
41) Hexachlorocyclopentadiene	12.967	237	408807	80.784	ng		98
43) 2,4,6-Trichlorophenol	13.214	196	190670	46.015	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.284	196	212496	45.723	ng		98
46) 1,1'-Biphenyl	13.613	154	563855	43.274	ng		96
47) 2-Chloronaphthalene	13.660	162	433108	42.192	ng		99
48) 2-Nitroaniline	13.848	65	150912	45.707	ng		96
49) Acenaphthylene	14.500	152	754701	43.034	ng		98
50) Dimethylphthalate	14.224	163	624599	43.585	ng		98
51) 2,6-Dinitrotoluene	14.336	165	131564	47.711	ng		95
52) Acenaphthene	14.835	154	518356	49.297	ng		100
53) 3-Nitroaniline	14.665	138	78675	28.907	ng		92
54) 2,4-Dinitrophenol	14.871	184	173531	90.594	ng		98
55) Dibenzofuran	15.170	168	741111	42.632	ng		97
56) 4-Nitrophenol	14.970	139	206142	95.465	ng		93
57) 2,4-Dinitrotoluene	15.117	165	192488	46.561	ng		98
58) Fluorene	15.811	166	577386	42.348	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	223741	48.794	ng		97
60) Diethylphthalate	15.576	149	604754	44.053	ng		100
61) 4-Chlorophenyl-phenyle...	15.799	204	343853	42.024	ng		97
62) 4-Nitroaniline	15.822	138	127447	45.201	ng		94
63) Azobenzene	16.093	77	509065	44.583	ng		96
65) 4,6-Dinitro-2-methylph...	15.881	198	124573	50.773	ng		95
66) n-Nitrosodiphenylamine	16.010	169	535297	46.246	ng		99
67) 4-Bromophenyl-phenylether	16.692	248	258931	44.619	ng		97
68) Hexachlorobenzene	16.815	284	305735	43.485	ng		94
69) Atrazine	16.950	200	246994	44.259	ng		99
70) Pentachlorophenol	17.150	266	375715	89.511	ng		98
71) Phenanthrene	17.544	178	1034689	42.795	ng		98
72) Anthracene	17.638	178	1065444	43.216	ng		100
73) Carbazole	17.896	167	920548	43.435	ng		99
74) Di-n-butylphthalate	18.449	149	1051259	44.460	ng		98
75) Fluoranthene	19.536	202	1302067	39.382	ng		99
77) Benzidine	19.706	184	452968	30.408	ng		99
78) Pyrene	19.894	202	1336229	47.933	ng		99
80) Butylbenzylphthalate	20.764	149	464508	47.373	ng		99
81) Benzo(a)anthracene	21.733	228	1467704	43.396	ng		99
82) 3,3'-Dichlorobenzidine	21.639	252	332134	26.681	ng		99
83) Chrysene	21.798	228	1366781	42.865	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	658997	45.993	ng		99
85) Di-n-octyl phthalate	22.849	149	1106430	44.673	ng		98
87) Indeno(1,2,3-cd)pyrene	28.748	276	1505987	44.704	ng	#	98
88) Benzo(b)fluoranthene	23.978	252	1389566	44.531	ng		99
89) Benzo(k)fluoranthene	24.042	252	1432431	45.692	ng		99
90) Benzo(a)pyrene	24.859	252	1312561	45.345	ng	#	96
91) Dibenzo(a,h)anthracene	28.801	278	1240852	44.962	ng		97
92) Benzo(g,h,i)perylene	29.912	276	1184856	44.610	ng		98

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

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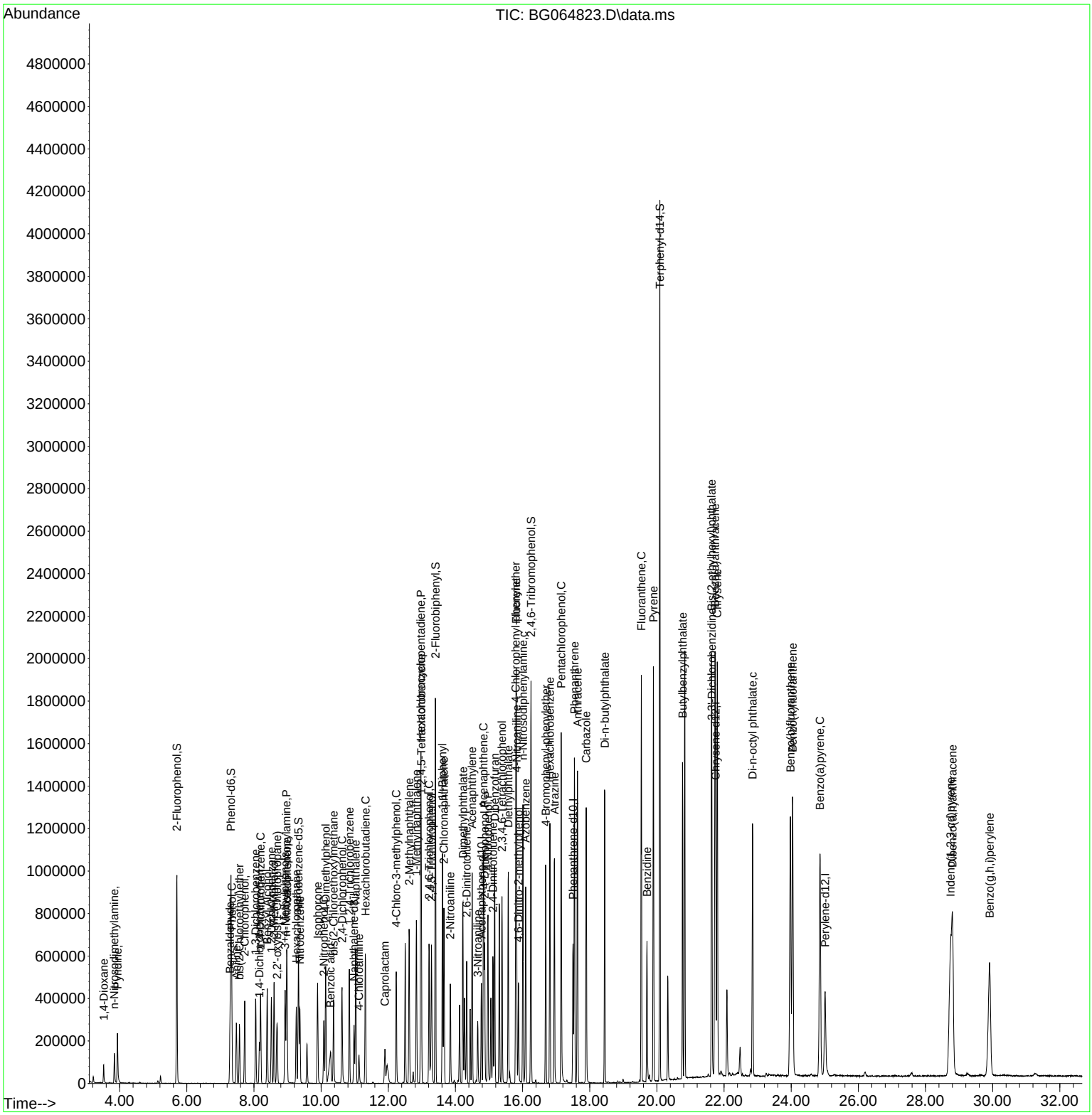
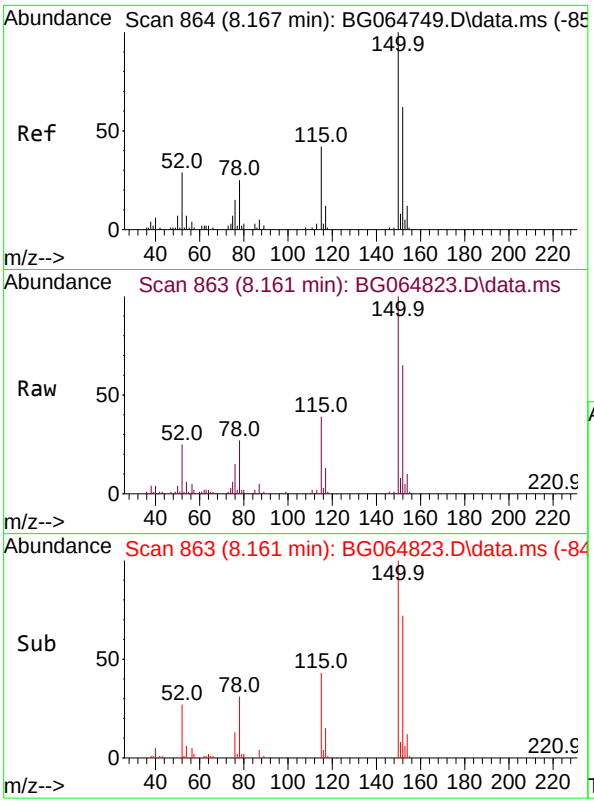
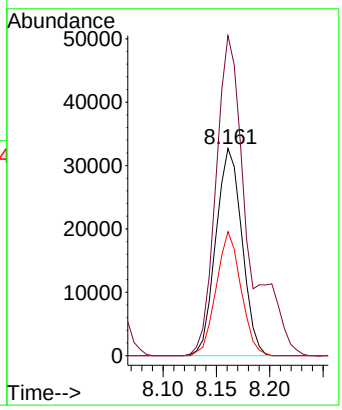




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:152 Resp: 5584

Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.2	193.8
115	59.8	53.7	80.5



Instrument :
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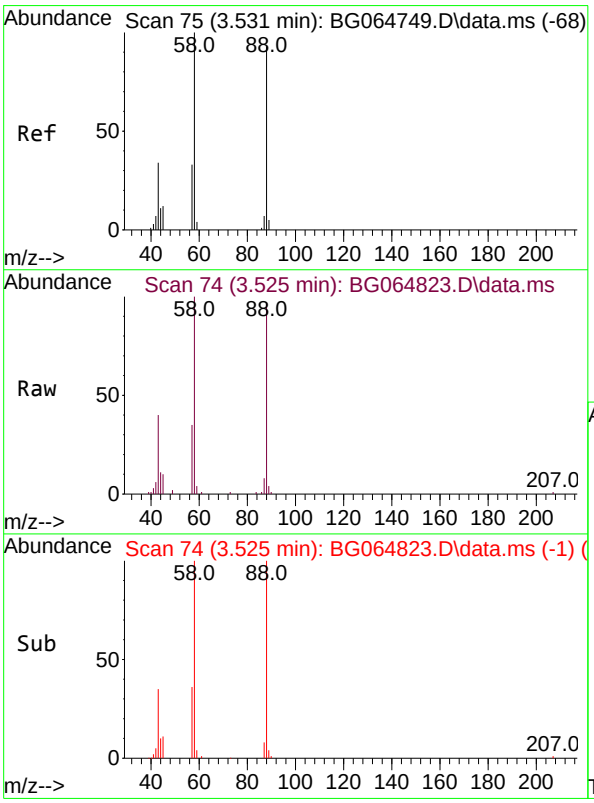
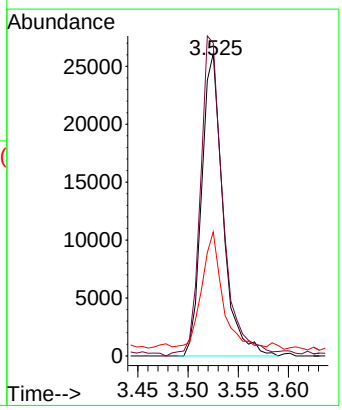
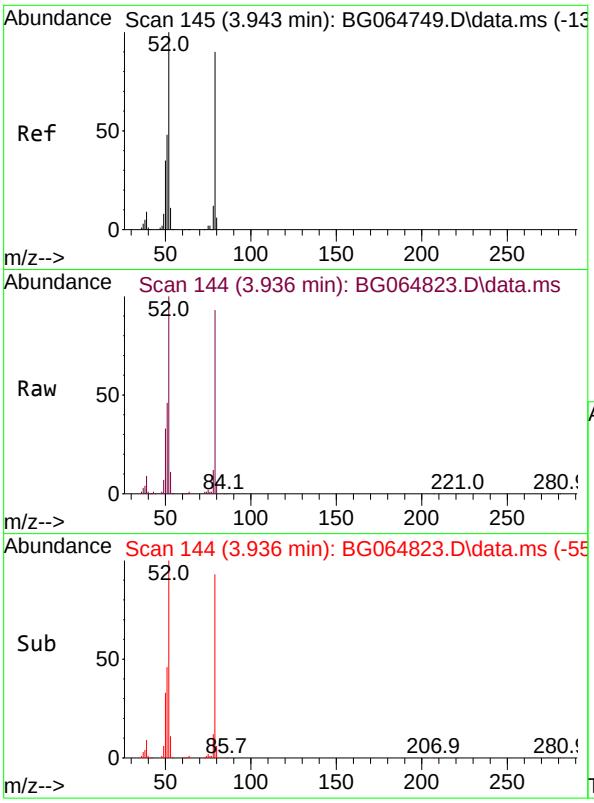


#2
1,4-Dioxane
Concen: 31.078 ng
RT: 3.525 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 88 Resp: 38480

Ion	Ratio	Lower	Upper
88	100		
58	111.7	84.6	126.8
43	35.4	30.0	45.0

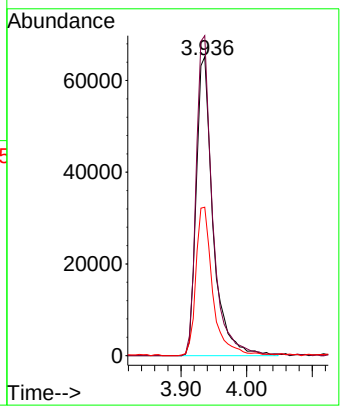




#3
Pyridine
Concen: 31.210 ng
RT: 3.936 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 79 Resp: 115139

Ion	Ratio	Lower	Upper
79	100		
52	107.1	89.0	133.4
51	49.7	43.4	65.0



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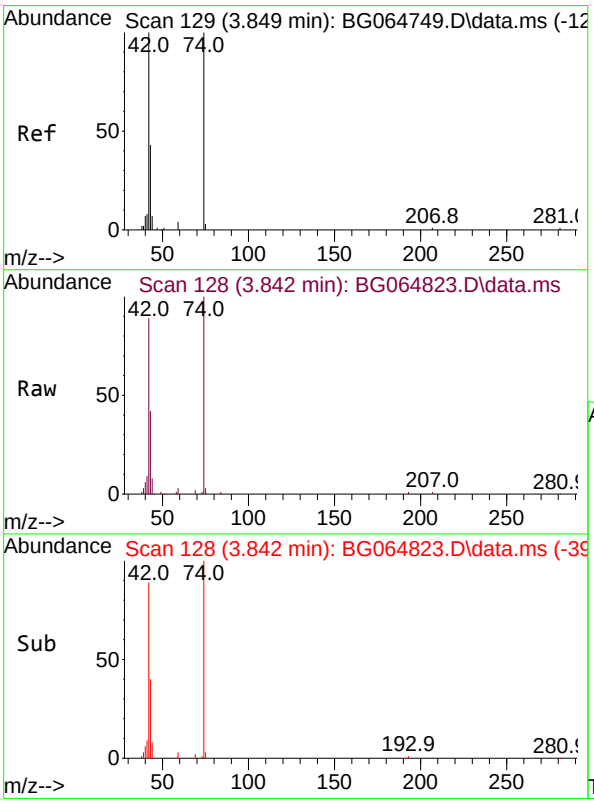
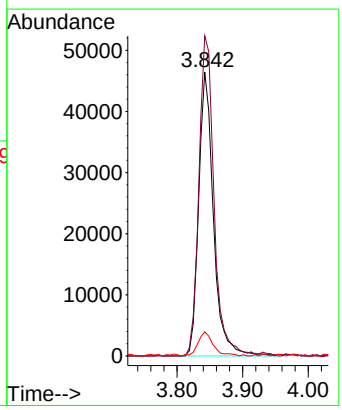
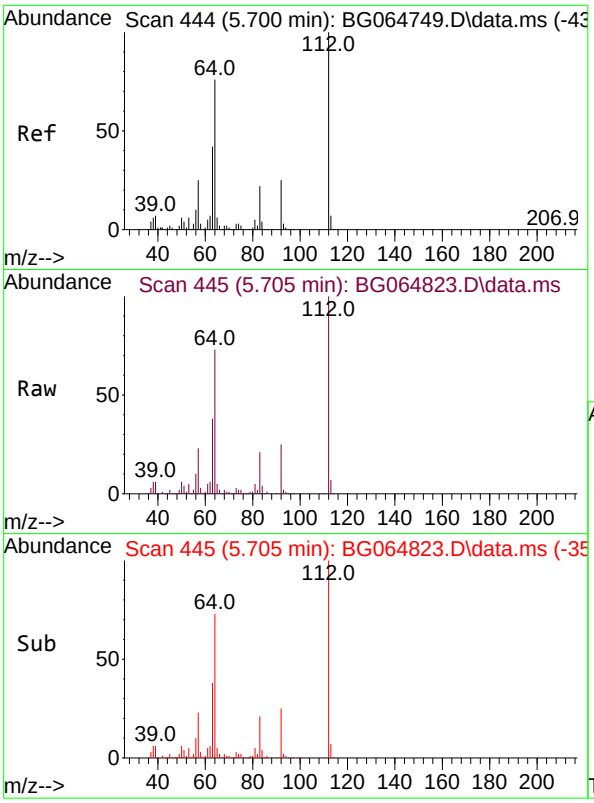


#4
n-Nitrosodimethylamine
Concen: 38.498 ng
RT: 3.842 min Scan# 128
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 42 Resp: 72287

Ion	Ratio	Lower	Upper
42	100		
74	112.7	79.8	119.6
44	8.5	5.9	8.9





#5
2-Fluorophenol
Concen: 131.302 ng
RT: 5.705 min Scan# 44
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:112 Resp: 41994

Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.0	91.4
63	38.3	33.3	49.9

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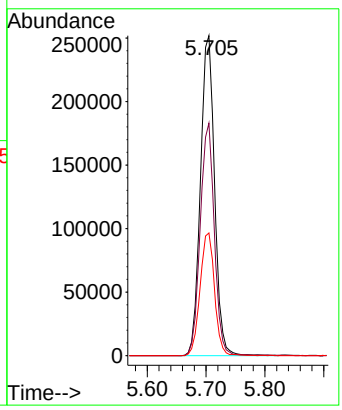
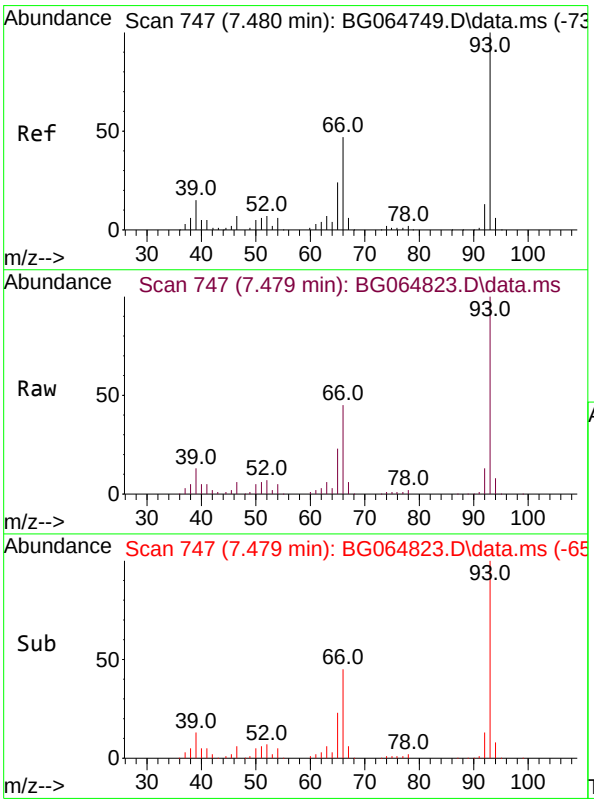
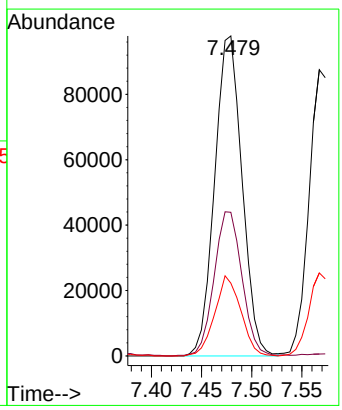


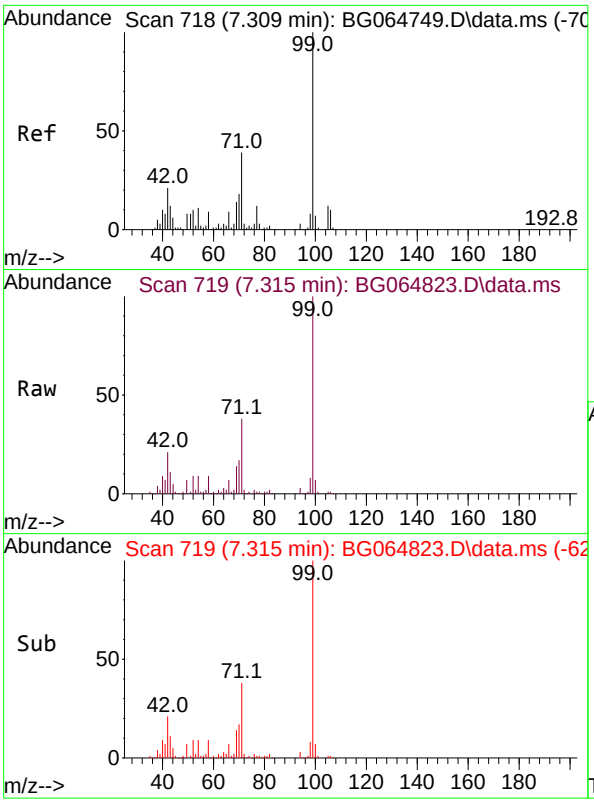


#6
Aniline
Concen: 32.775 ng
RT: 7.479 min Scan# 747
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 93 Resp: 185833

Ion	Ratio	Lower	Upper
93	100		
66	44.9	37.7	56.5
65	22.7	19.1	28.7

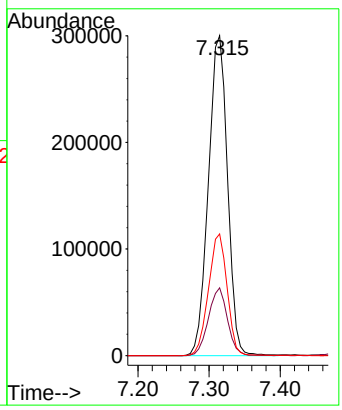




#7
Phenol-d6
Concen: 131.655 ng
RT: 7.315 min Scan# 7
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 99 Resp: 56004

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	38.0	31.1	46.7



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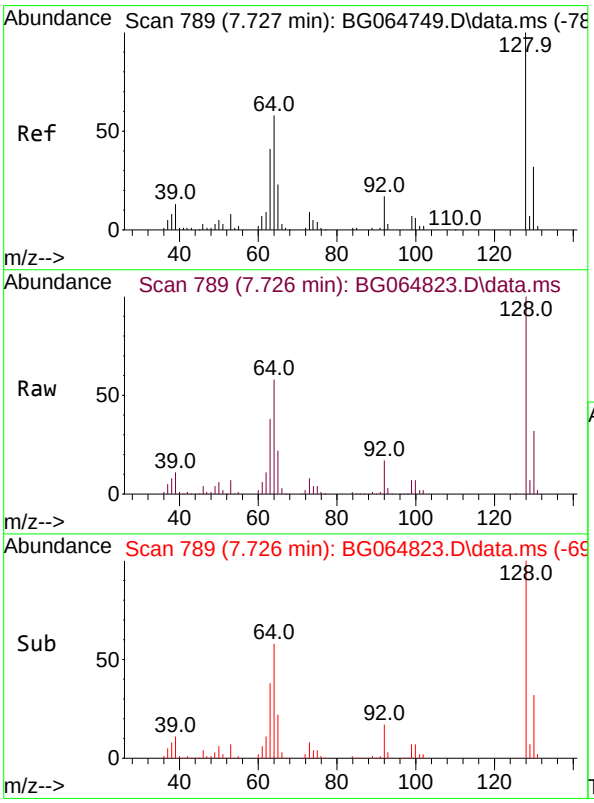
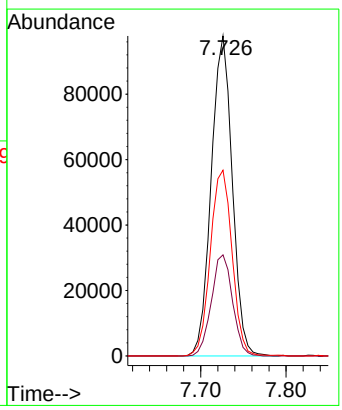
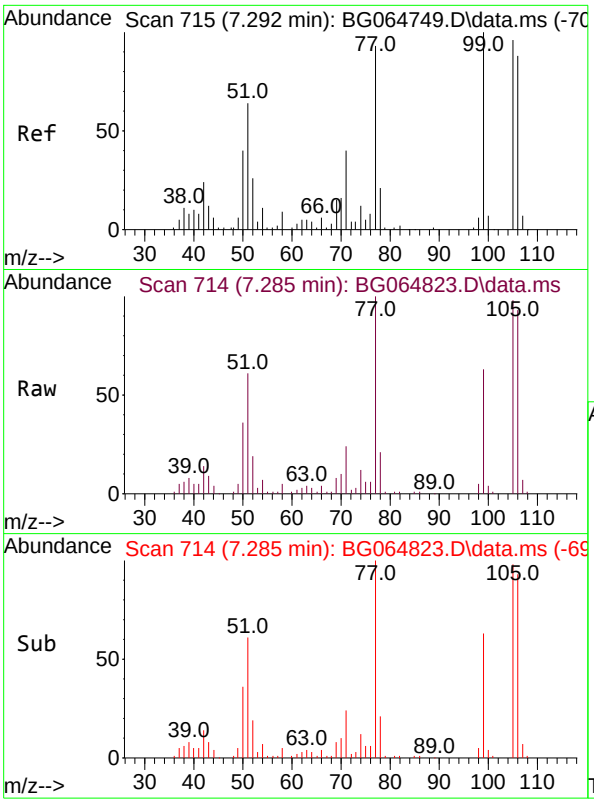


#8
2-Chlorophenol
Concen: 47.693 ng
RT: 7.726 min Scan# 789
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:128 Resp: 167490

Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.9	51.9
64	58.0	38.4	78.4

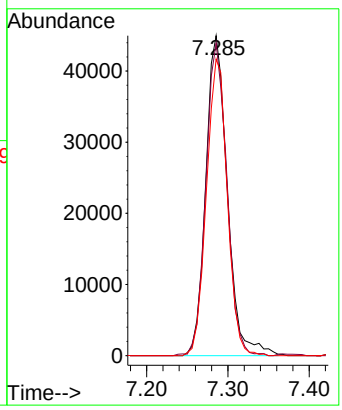




#9
Benzaldehyde
Concen: 29.849 ng
RT: 7.285 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 77 Resp: 8311

Ion	Ratio	Lower	Upper
77	100		
105	97.6	83.8	123.8
106	92.7	74.3	114.3



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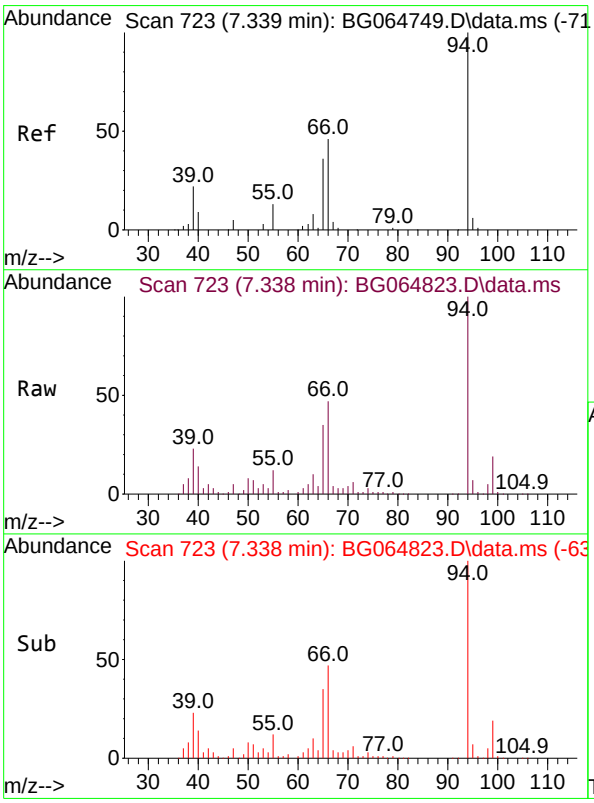
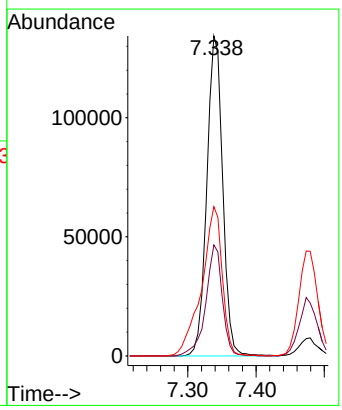
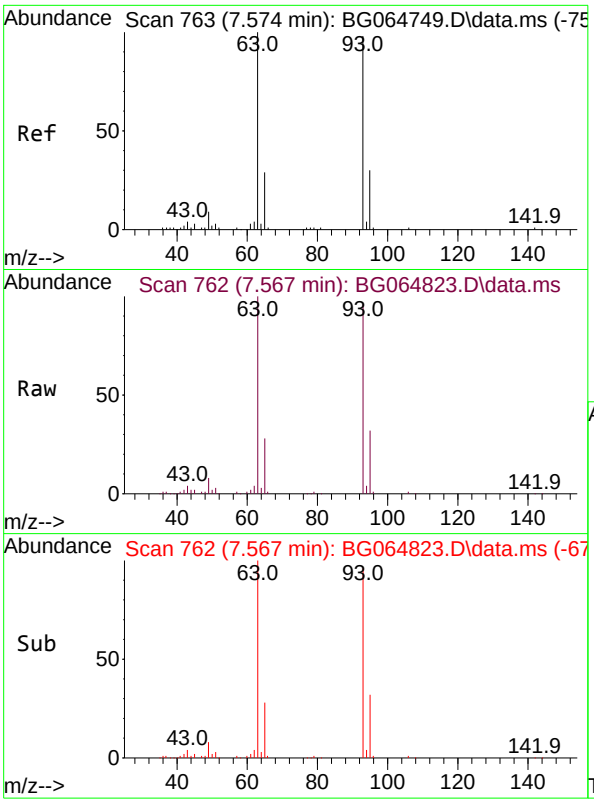


#10
Phenol
Concen: 46.749 ng
RT: 7.338 min Scan# 723
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 94 Resp: 216369

Ion	Ratio	Lower	Upper
94	100		
65	34.7	17.0	57.0
66	46.6	29.8	69.8

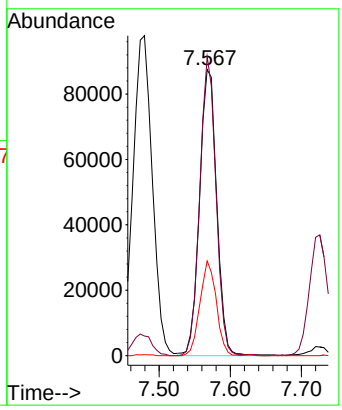




#11
bis(2-Chloroethyl)ether
Concen: 44.458 ng
RT: 7.567 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 93 Resp: 14642

Ion	Ratio	Lower	Upper
93	100		
63	104.5	81.8	121.8
95	33.1	10.3	50.3



Instrument :
BNA_G
ClientSampleId :
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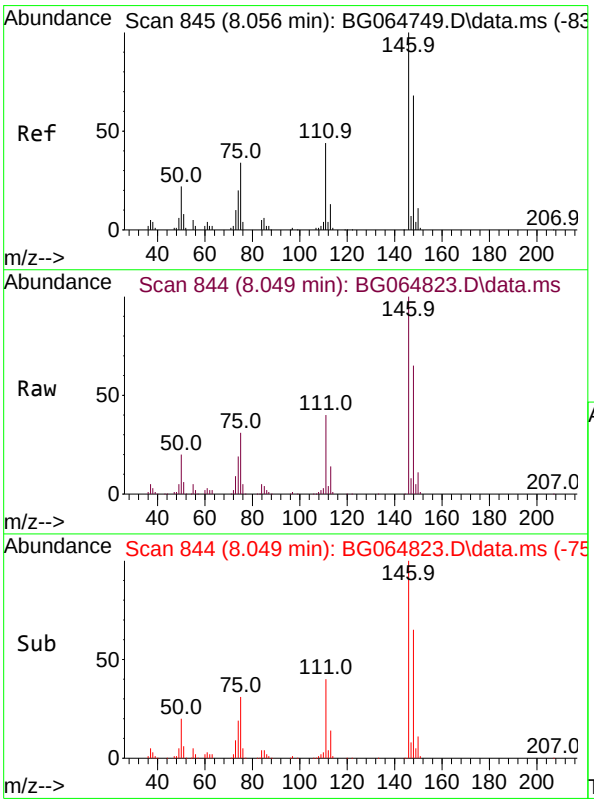
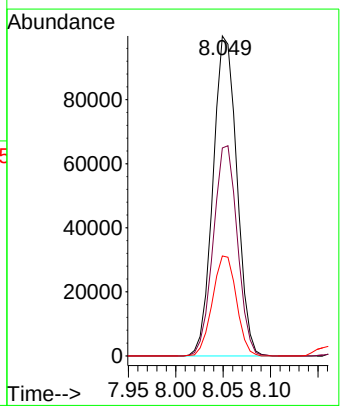
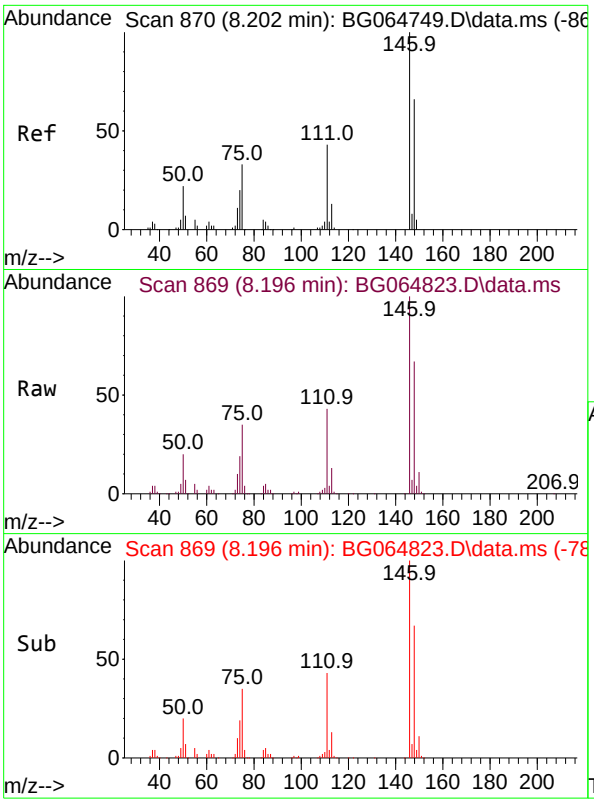


#12
1,3-Dichlorobenzene
Concen: 43.214 ng
RT: 8.049 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:146 Resp: 174627

Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.6	82.0
75	31.2	27.6	41.4

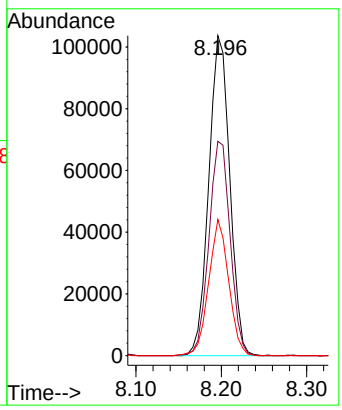




#13
1,4-Dichlorobenzene
Concen: 43.022 ng
RT: 8.196 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:146 Resp: 17702

Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.1	79.7
111	42.5	34.1	51.1



Instrument :
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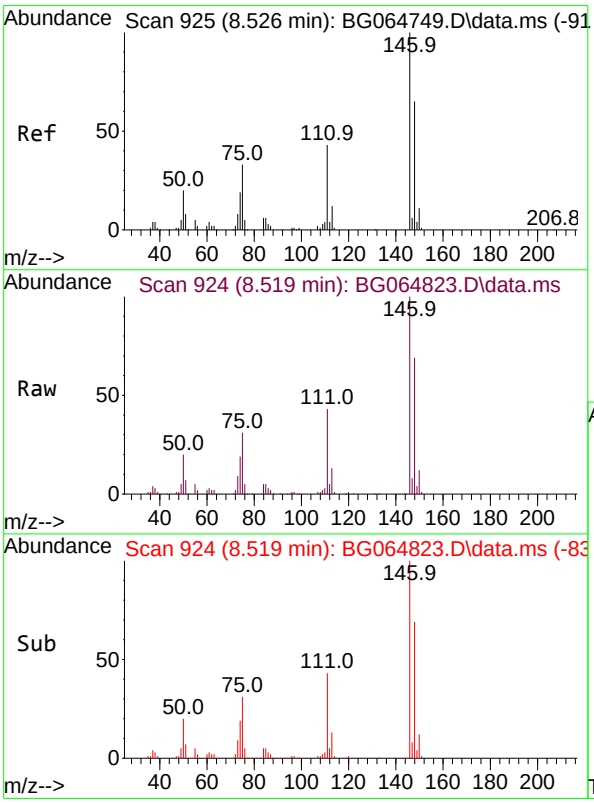
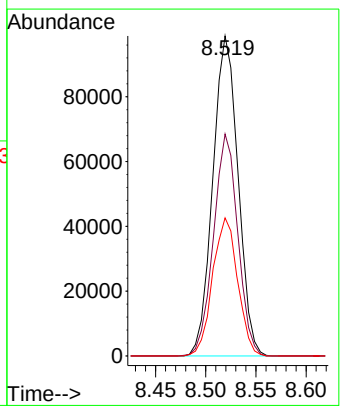
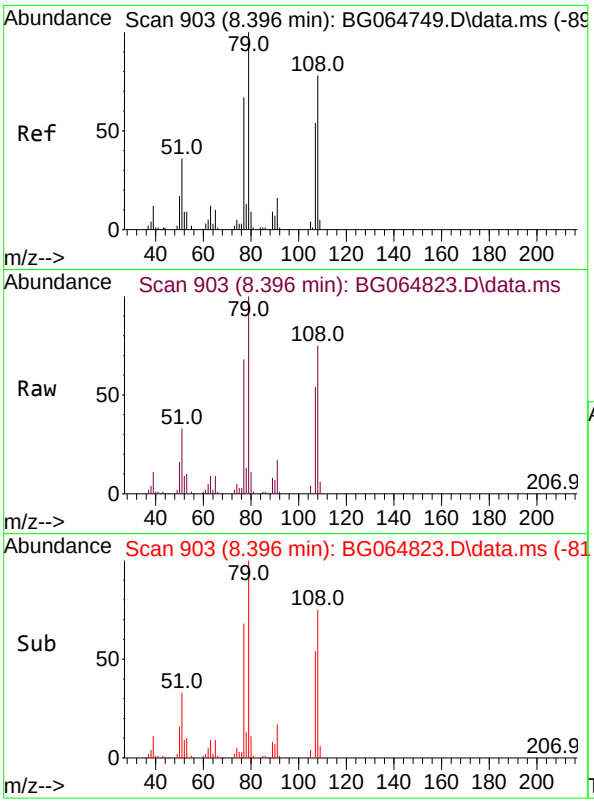


#14
1,2-Dichlorobenzene
Concen: 43.317 ng
RT: 8.519 min Scan# 924
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:146 Resp: 172825

Ion	Ratio	Lower	Upper
146	100		
148	69.3	52.0	78.0
111	43.1	34.7	52.1





#15
Benzyl Alcohol
Concen: 46.194 ng
RT: 8.396 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 79 Resp: 16129

Ion	Ratio	Lower	Upper
79	100		
108	74.6	62.3	93.5
77	67.6	53.5	80.3

Instrument :
BNA_G
ClientSampleId :
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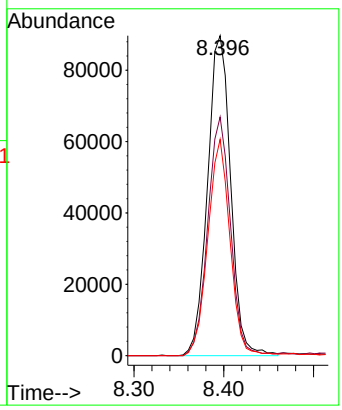
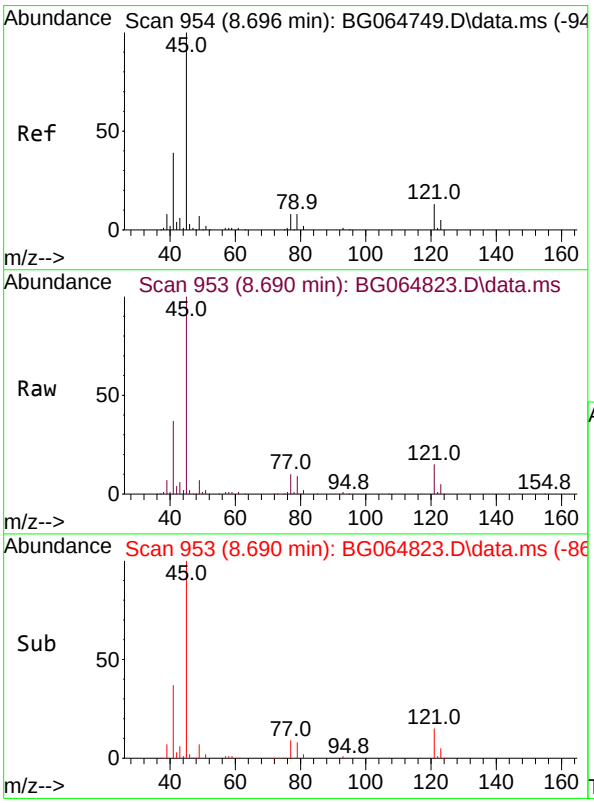
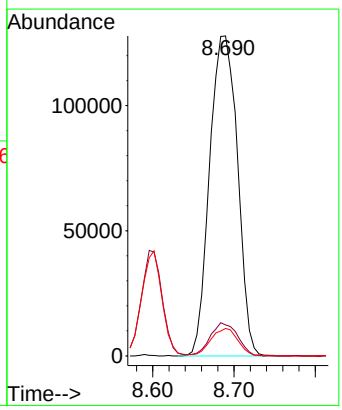


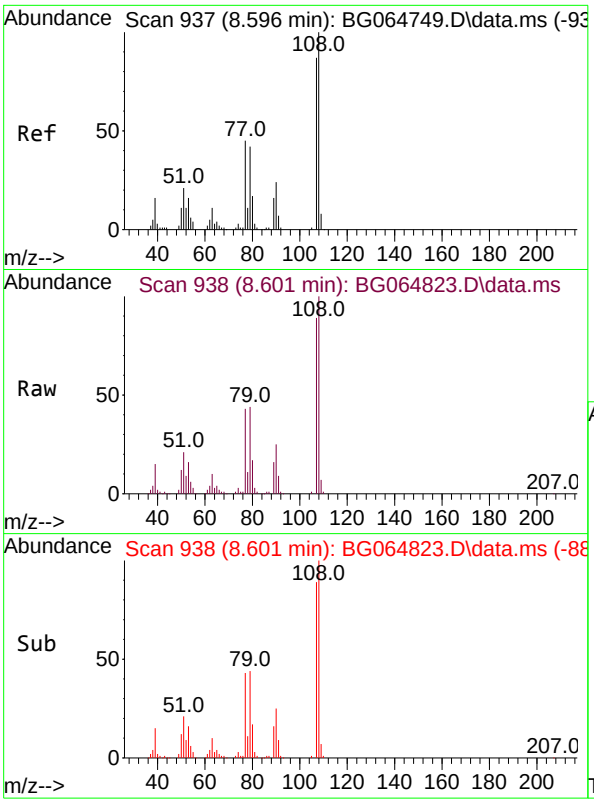


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.063 ng
RT: 8.690 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 45 Resp: 304519

Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	28.8
79	8.6	0.0	28.1

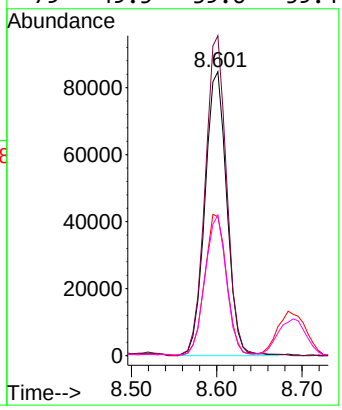




#17
2-Methylphenol
Concen: 46.105 ng
RT: 8.601 min Scan# 9
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:107 Resp: 15098

Ion	Ratio	Lower	Upper
107	100		
108	112.7	92.6	138.8
77	48.9	41.2	61.8
79	49.5	39.6	59.4



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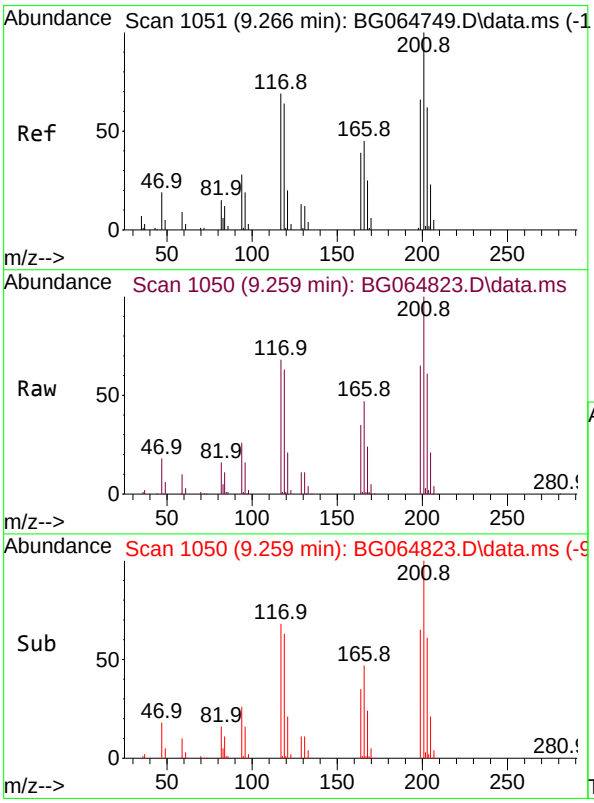
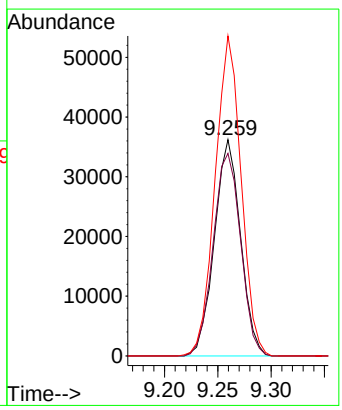
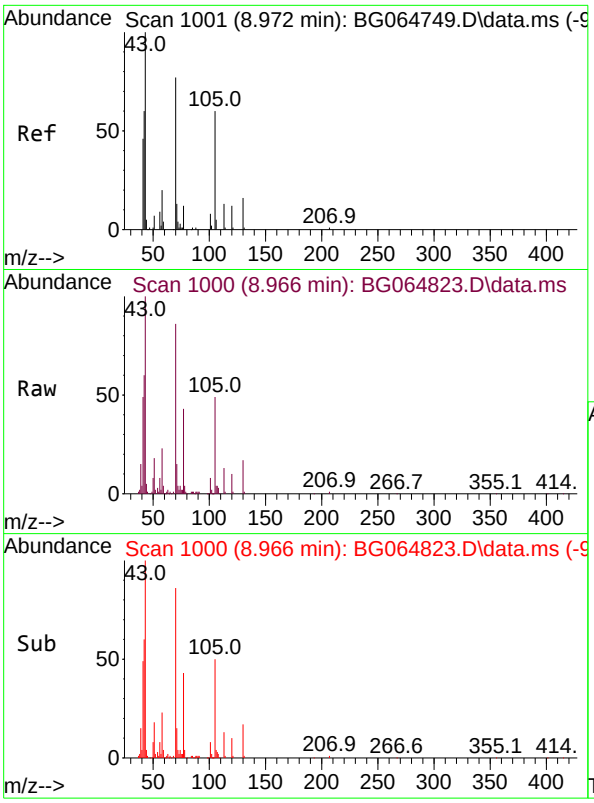


#18
Hexachloroethane
Concen: 39.621 ng
RT: 9.259 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:117 Resp: 61748

Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.4	111.6
201	147.9	116.5	174.7

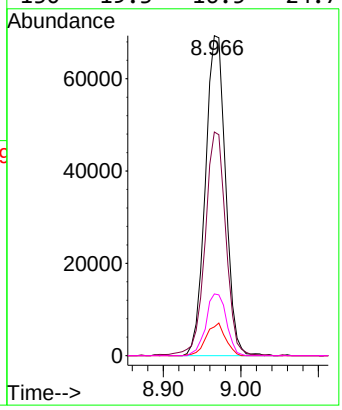




#19
n-Nitroso-di-n-propylamine
Concen: 43.624 ng
RT: 8.966 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 70 Resp: 12547

Ion	Ratio	Lower	Upper
70	100		
42	69.9	62.6	93.8
101	9.0	8.0	12.0
130	19.3	16.5	24.7



Instrument :
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ClientSampleId :
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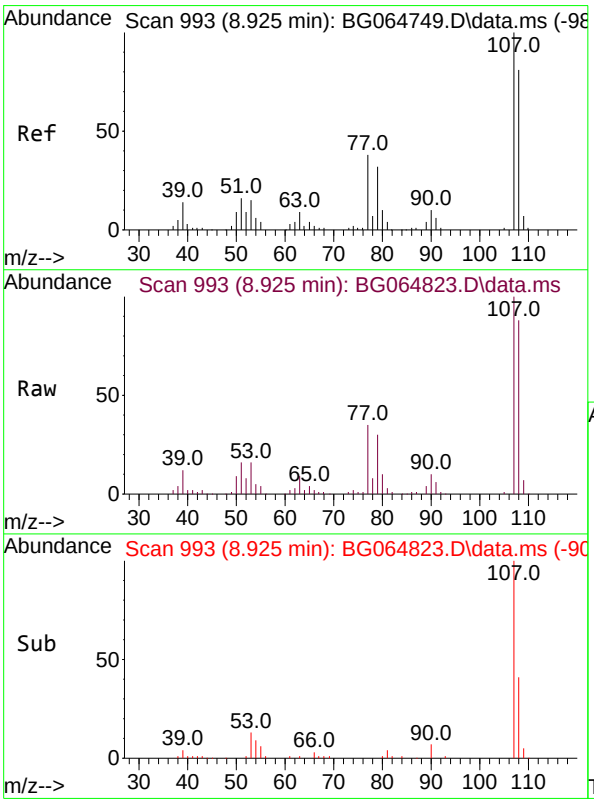
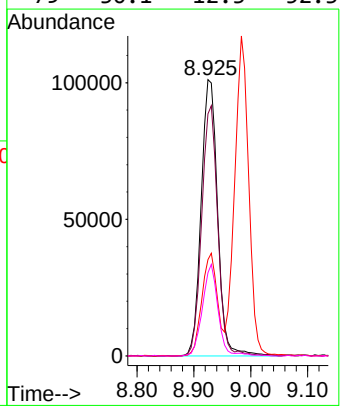
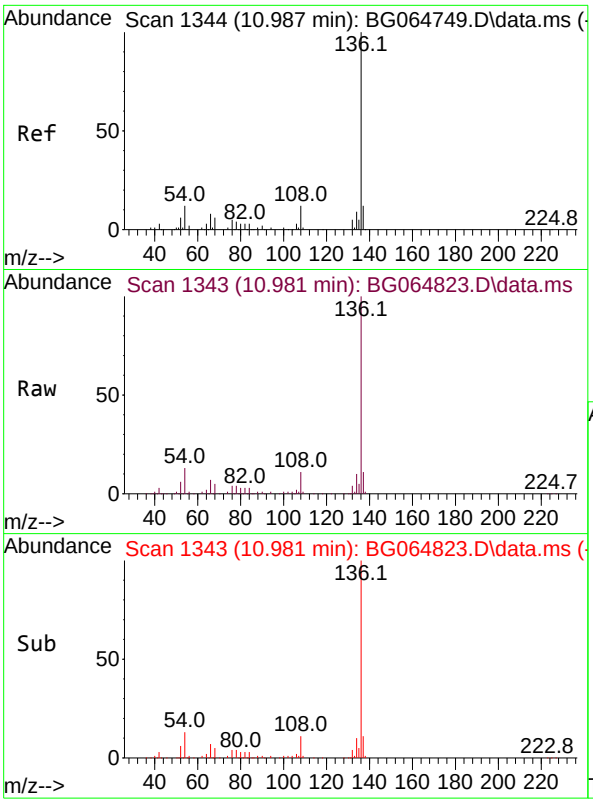


#20
3+4-Methylphenols
Concen: 45.368 ng
RT: 8.925 min Scan# 993
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:107 Resp: 203540

Ion	Ratio	Lower	Upper
107	100		
108	87.6	61.0	101.0
77	34.8	17.6	57.6
79	30.1	12.3	52.3

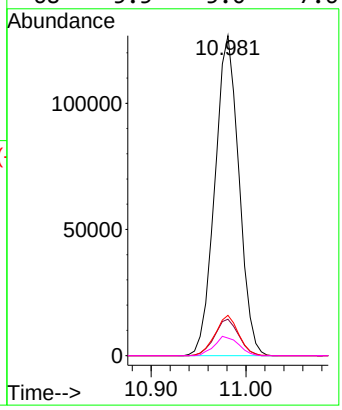




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:136 Resp: 22327

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	12.6	9.3	13.9
68	5.5	5.0	7.6



Instrument :
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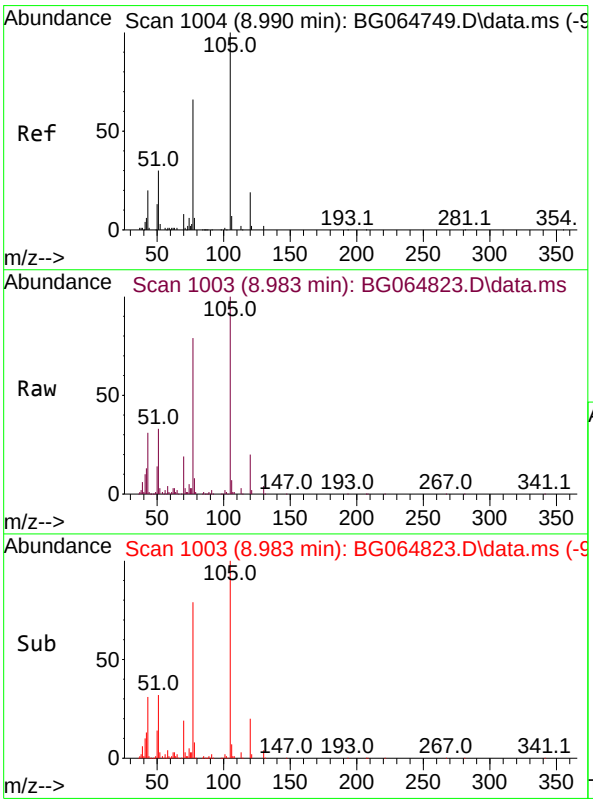
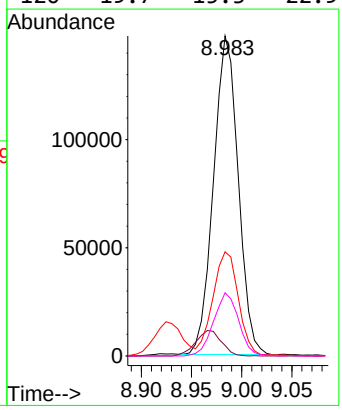
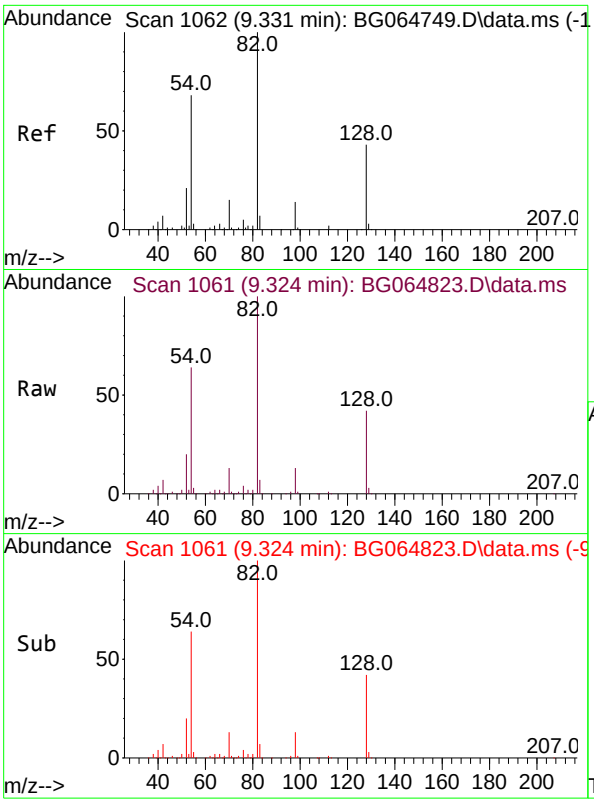


#22
Acetophenone
Concen: 41.483 ng
RT: 8.983 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:105 Resp: 252338

Ion	Ratio	Lower	Upper
105	100		
71	3.3	1.3	1.9#
51	32.5	27.9	41.9
120	19.7	15.3	22.9

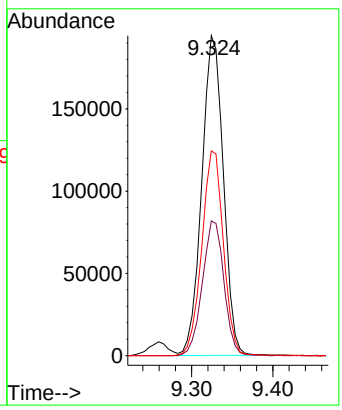




#23
Nitrobenzene-d5
Concen: 79.576 ng
RT: 9.324 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 82 Resp: 35934

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	64.0	54.3	81.5



Instrument :
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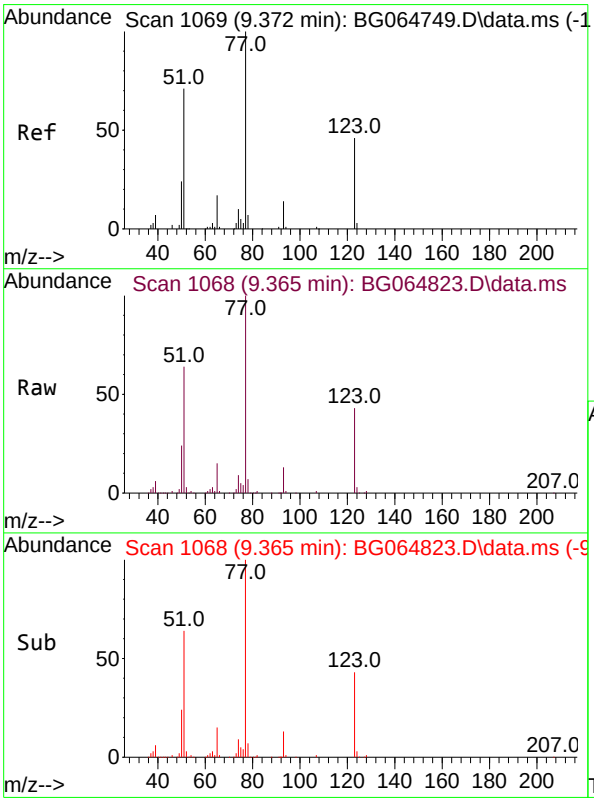
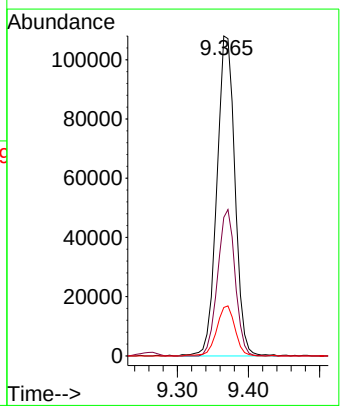
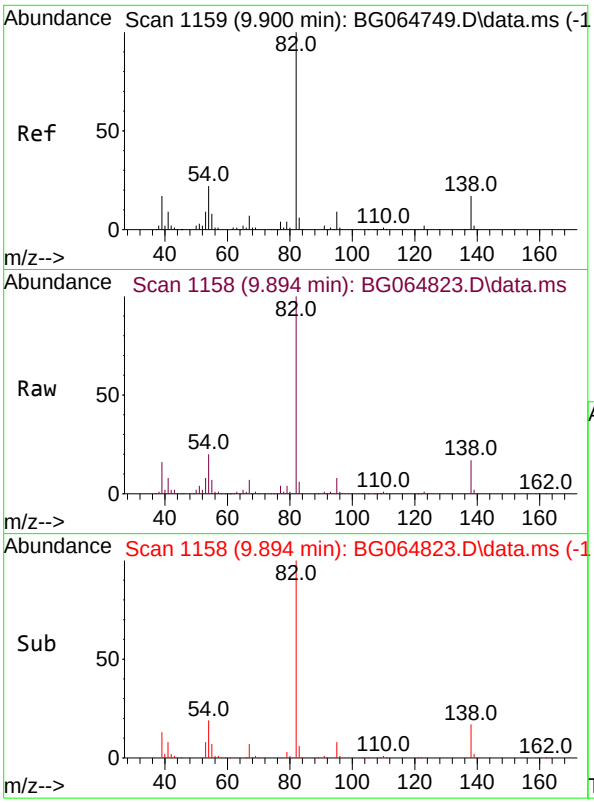


#24
Nitrobenzene
Concen: 41.826 ng
RT: 9.365 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 77 Resp: 190844

Ion	Ratio	Lower	Upper
77	100		
123	43.3	36.5	54.7
65	15.1	13.5	20.3





#25
Isophorone
Concen: 42.392 ng
RT: 9.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 82 Resp: 364546

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.9	10.3
138	16.8	13.9	20.9

Instrument :
BNA_G
ClientSampleId :
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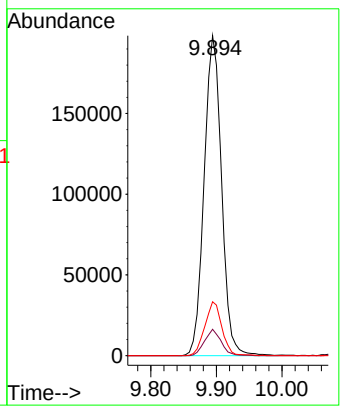
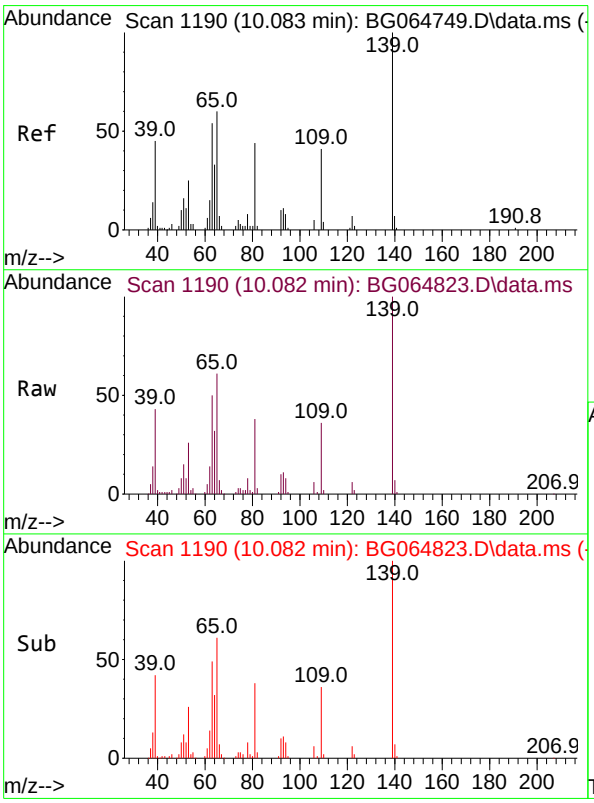
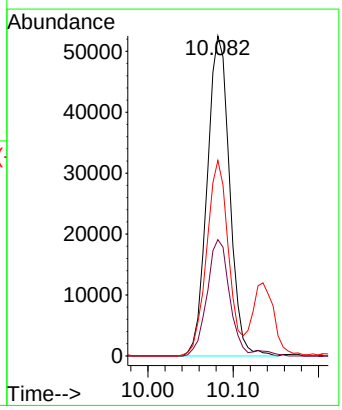


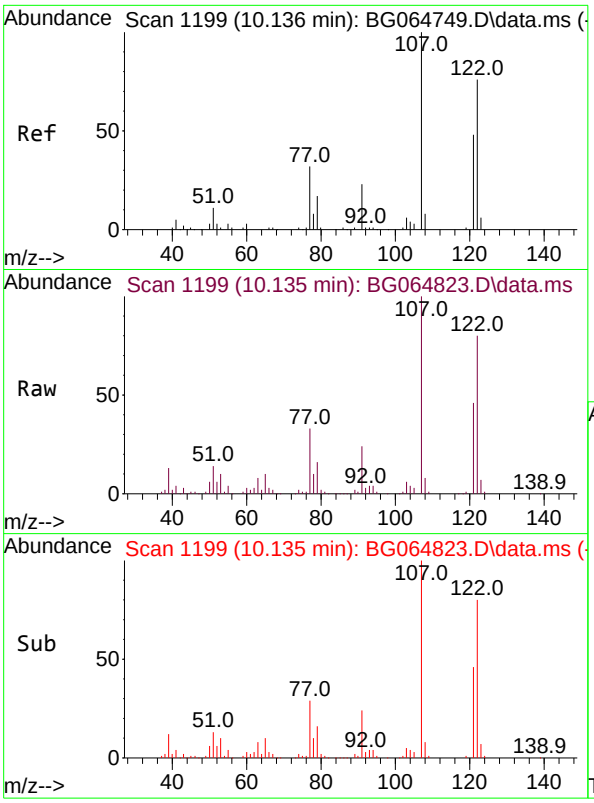


#26
2-Nitrophenol
Concen: 46.727 ng
RT: 10.082 min Scan# 1190
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:139 Resp: 95899

Ion	Ratio	Lower	Upper
139	100		
109	36.3	32.5	48.7
65	61.1	47.6	71.4

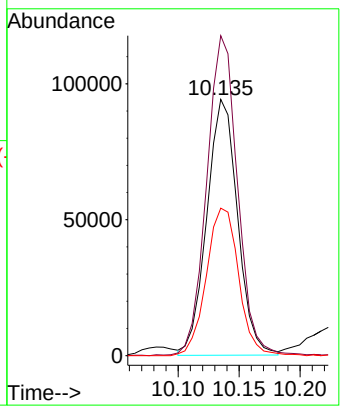




#27
2,4-Dimethylphenol
Concen: 45.367 ng
RT: 10.135 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:122 Resp: 16541

Ion	Ratio	Lower	Upper
122	100		
107	124.9	102.5	153.7
121	57.5	49.0	73.6



Instrument :
BNA_G
ClientSampleId :
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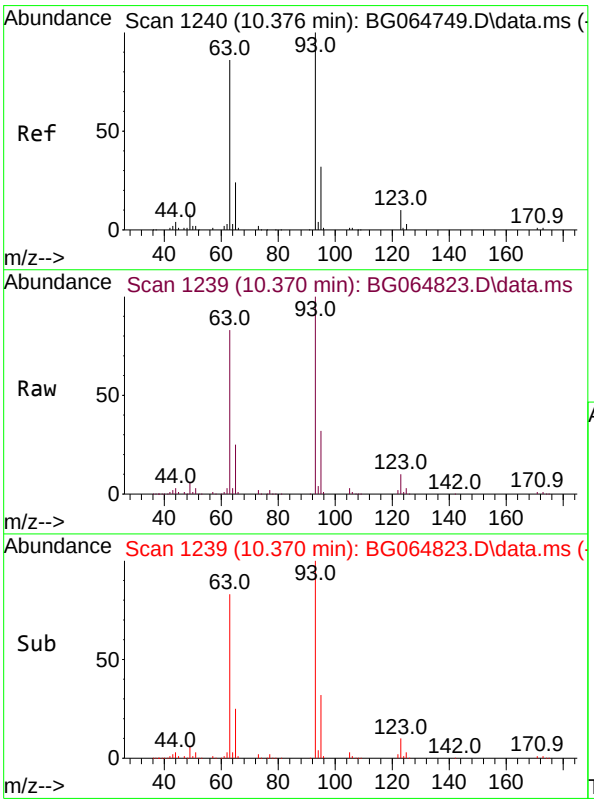
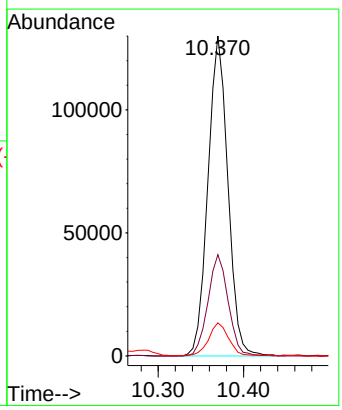
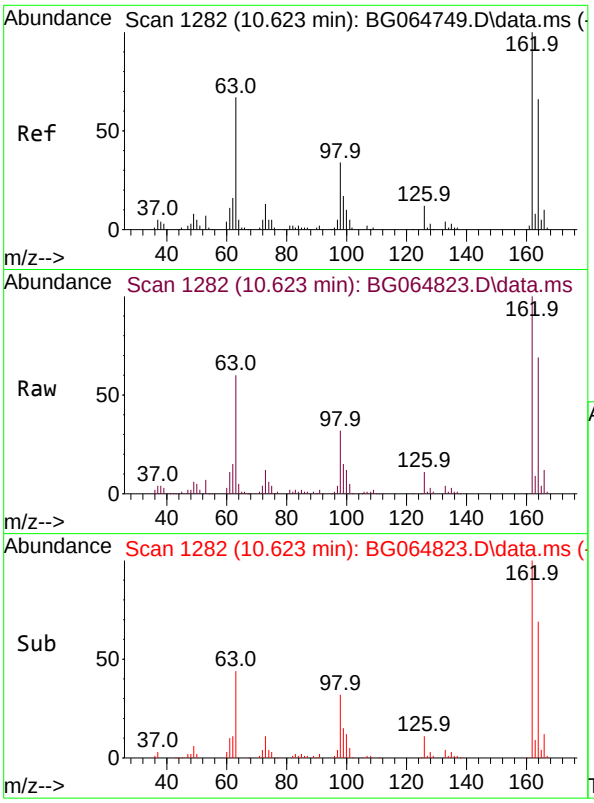


#28
bis(2-Chloroethoxy)methane
Concen: 44.662 ng
RT: 10.370 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 93 Resp: 210850

Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.2
123	10.3	8.1	12.1

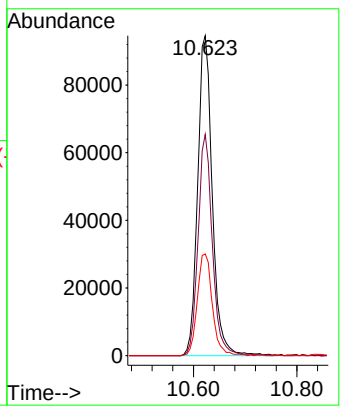




#29
2,4-Dichlorophenol
Concen: 47.384 ng
RT: 10.623 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:162 Resp: 18548

Ion	Ratio	Lower	Upper
162	100		
164	69.2	46.0	86.0
98	31.8	14.2	54.2



Instrument :
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ClientSampleId :
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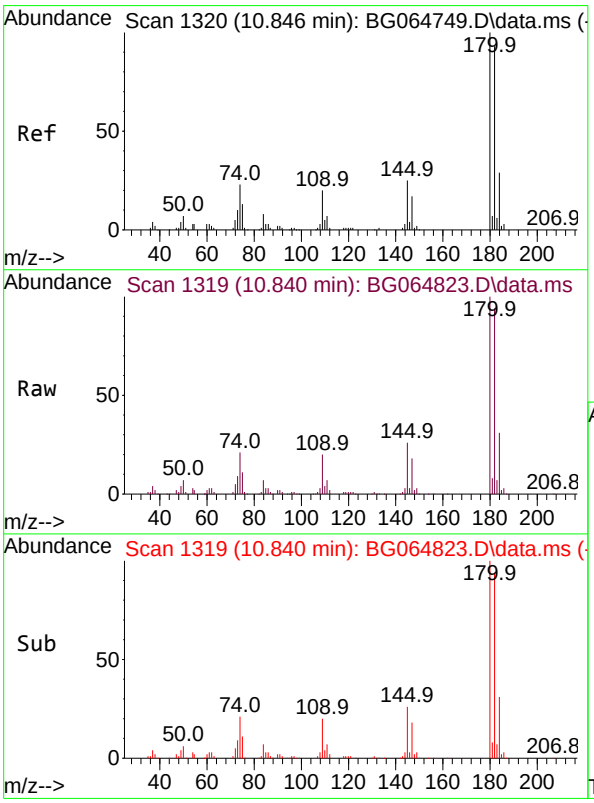
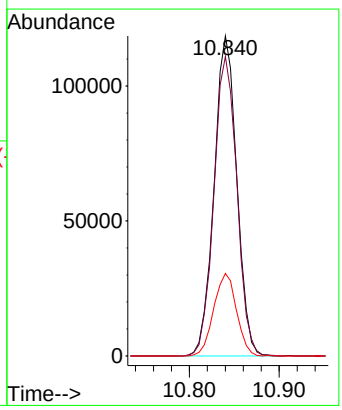
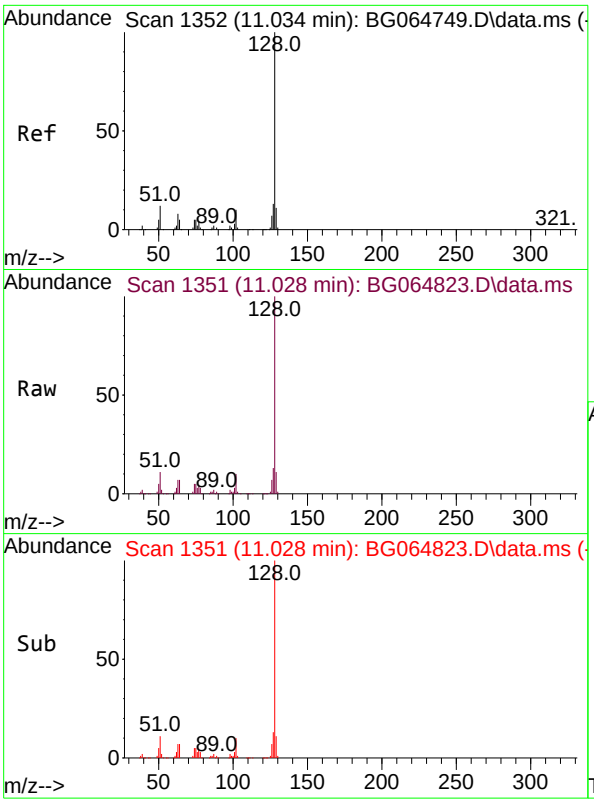


#30
1,2,4-Trichlorobenzene
Concen: 44.022 ng
RT: 10.840 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:180 Resp: 208085

Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.2	111.4
145	25.8	20.0	30.0

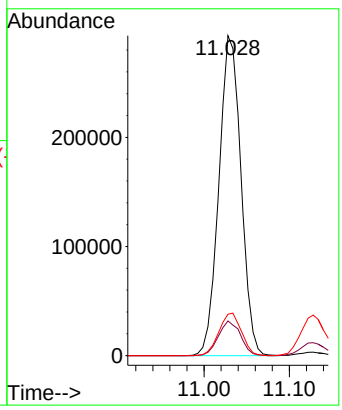




#31
Naphthalene
Concen: 41.614 ng
RT: 11.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:128 Resp: 52669

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.9	10.6	16.0



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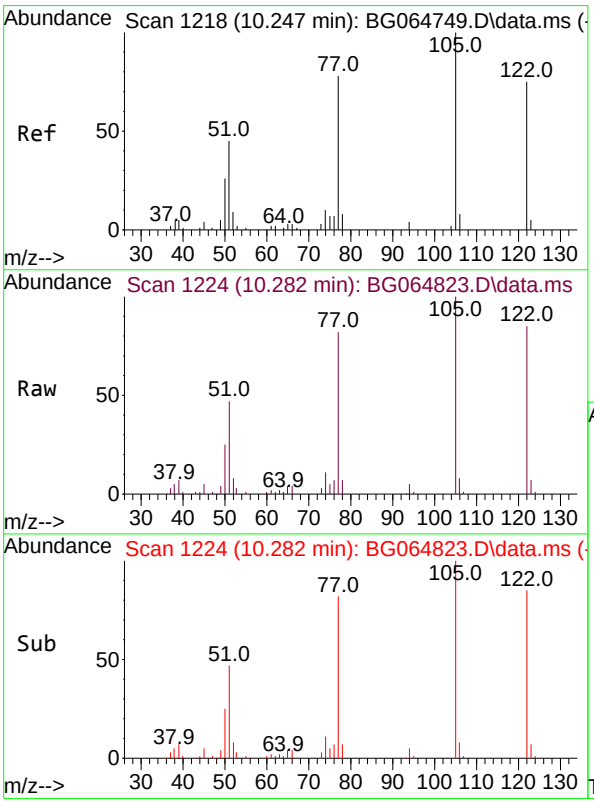
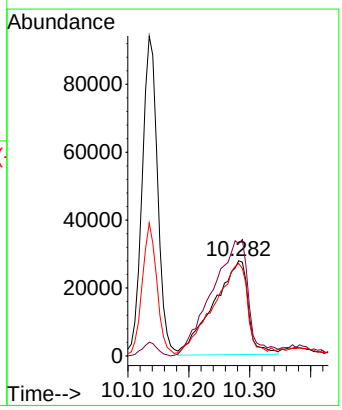
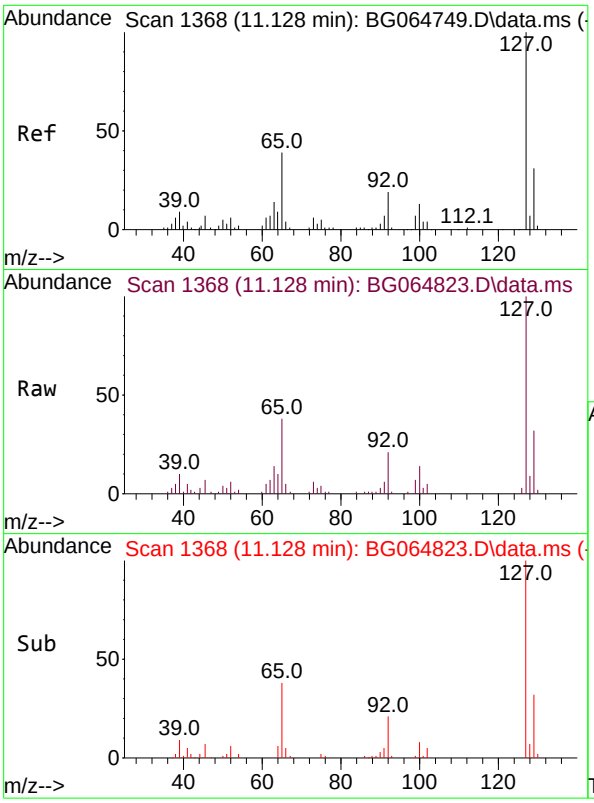


#32
Benzoic acid
Concen: 43.380 ng
RT: 10.282 min Scan# 1224
Delta R.T. 0.035 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:122 Resp: 109970

Ion	Ratio	Lower	Upper
122	100		
105	118.2	107.6	147.6
77	97.1	82.5	122.5

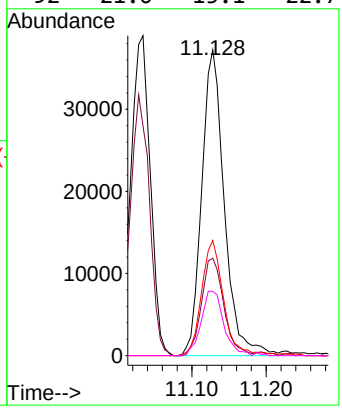




#33
4-Chloroaniline
Concen: 15.545 ng
RT: 11.128 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:127 Resp: 7870

Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.9	37.3
65	37.7	30.9	46.3
92	21.0	15.1	22.7



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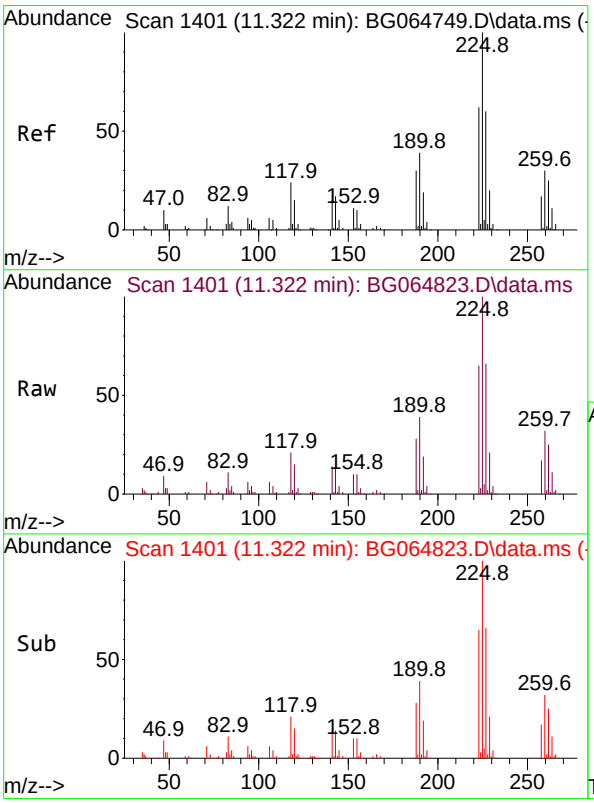
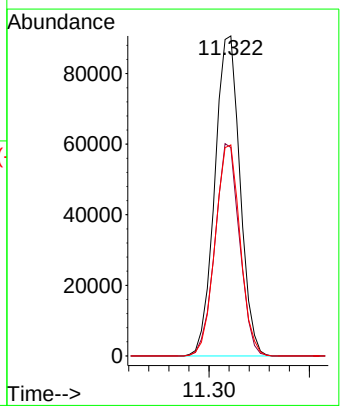
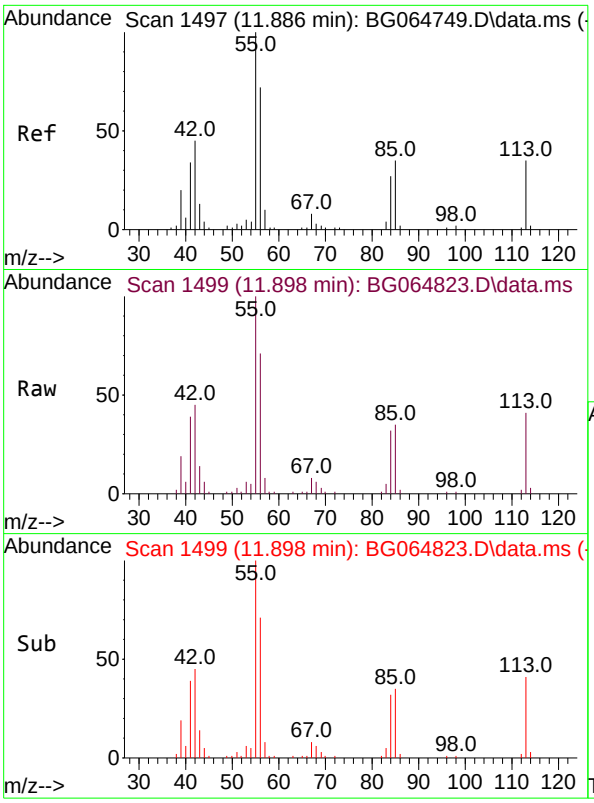


#34
Hexachlorobutadiene
Concen: 39.044 ng
RT: 11.322 min Scan# 1401
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:225 Resp: 158351

Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.9	74.9
227	68.1	50.6	75.8

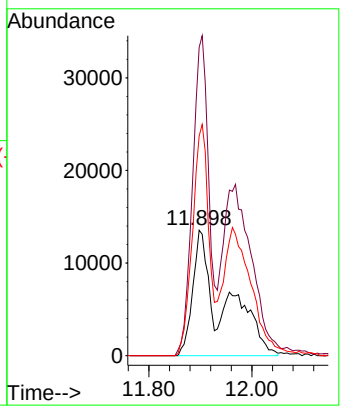




#35
Caprolactam
Concen: 47.927 ng m
RT: 11.898 min Scan# 14
Delta R.T. 0.011 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:113 Resp: 5611

Ion	Ratio	Lower	Upper
113	100		
55	245.8	263.7	303.7#
56	175.1	184.0	224.0#



Instrument :
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ClientSampleId :
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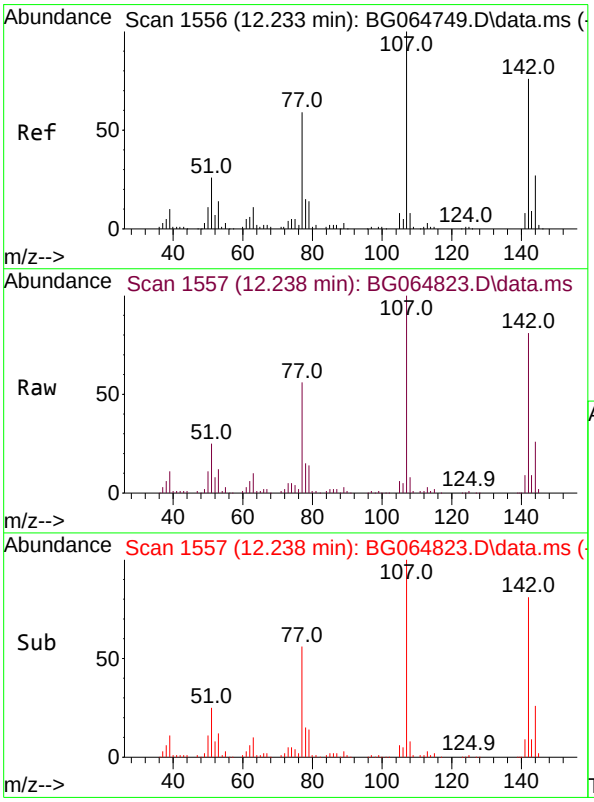
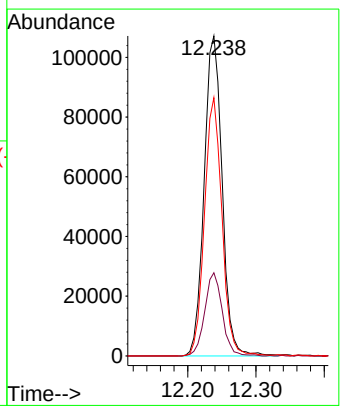
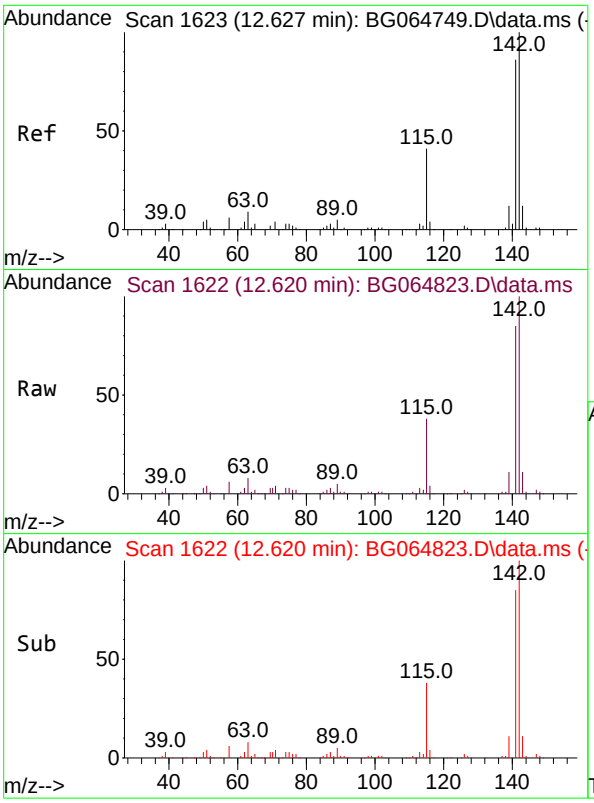


#36
4-Chloro-3-methylphenol
Concen: 45.038 ng
RT: 12.238 min Scan# 1557
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:107 Resp: 196229

Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.7	32.5
142	80.7	60.8	91.2

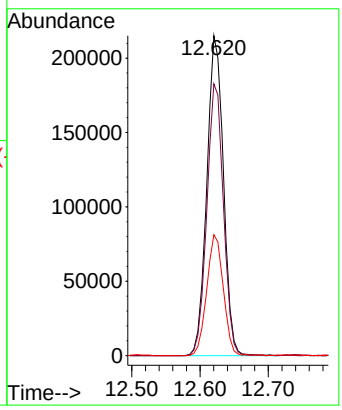




#37
2-Methylnaphthalene
Concen: 38.299 ng
RT: 12.620 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:142 Resp: 36274

Ion	Ratio	Lower	Upper
142	100		
141	84.9	69.1	103.7
115	37.8	32.9	49.3



Instrument :
BNA_G
ClientSampleId :
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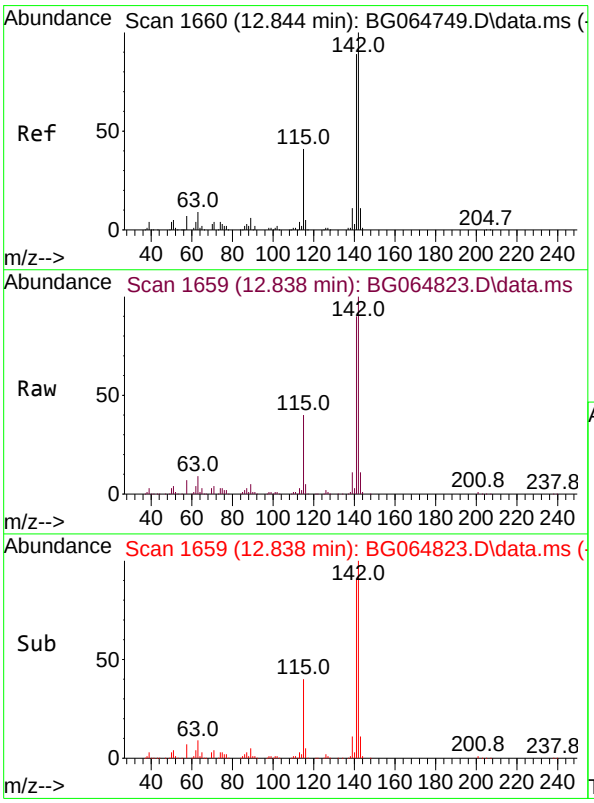
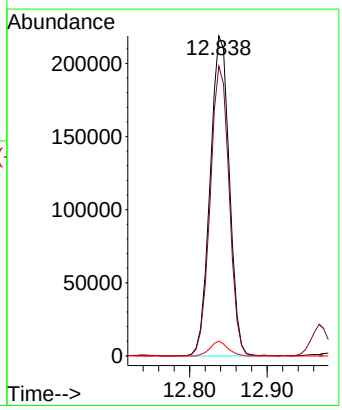
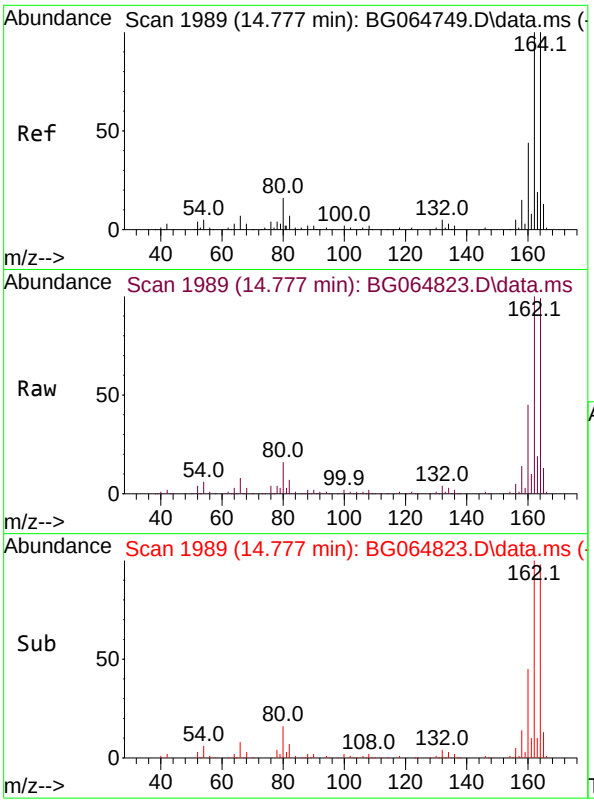


#38
1-Methylnaphthalene
Concen: 40.005 ng
RT: 12.838 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:142 Resp: 376388

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
116	4.6	3.7	5.5

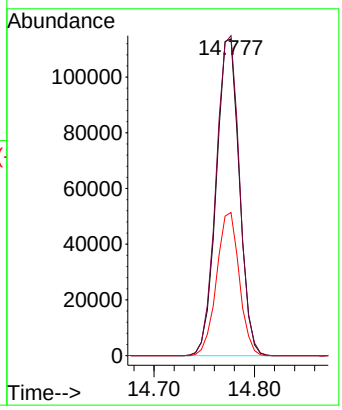




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:164 Resp: 181414

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.8	119.6
160	45.2	34.9	52.3



Instrument :
BNA_G
ClientSampleId :
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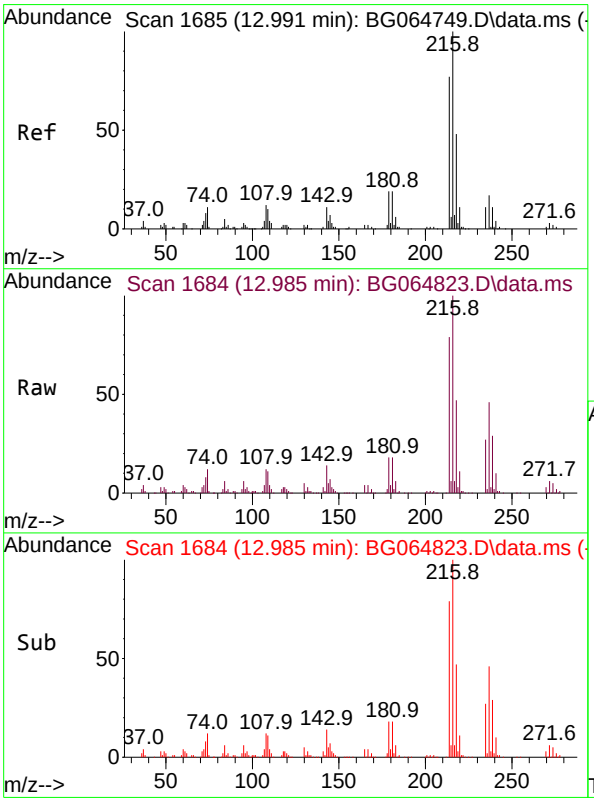
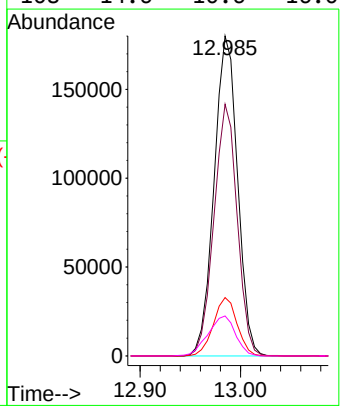
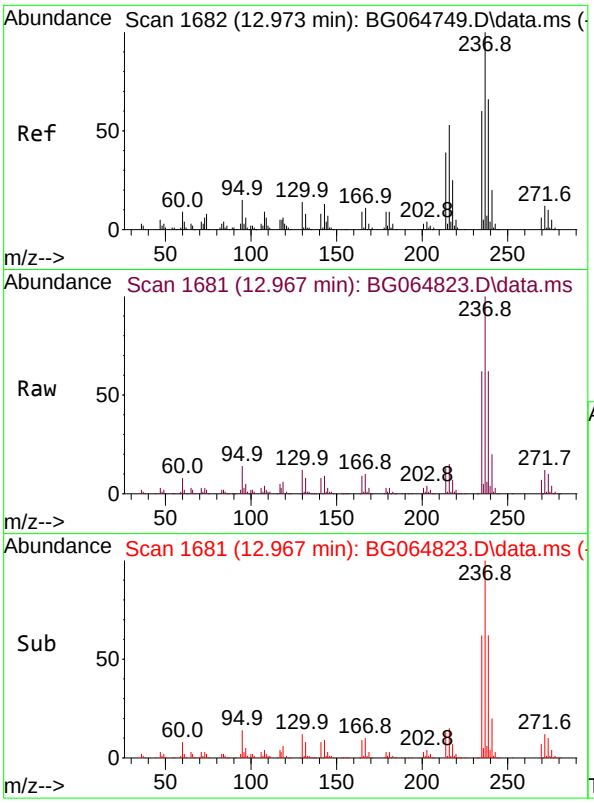


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.486 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:216 Resp: 292898

Ion	Ratio	Lower	Upper
216	100		
214	77.8	60.5	90.7
179	18.4	14.7	22.1
108	14.6	10.6	16.0





#41
Hexachlorocyclopentadiene
Concen: 80.784 ng
RT: 12.967 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:237 Resp: 40880

Ion	Ratio	Lower	Upper
237	100		
235	61.9	40.2	80.2
272	12.3	0.0	31.9

Instrument :
BNA_G
ClientSampleId :
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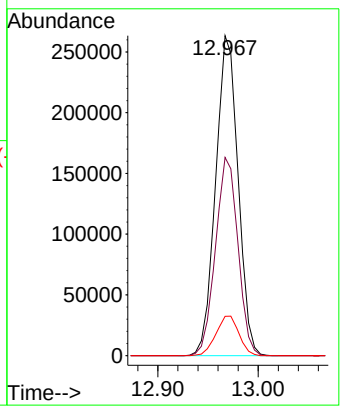
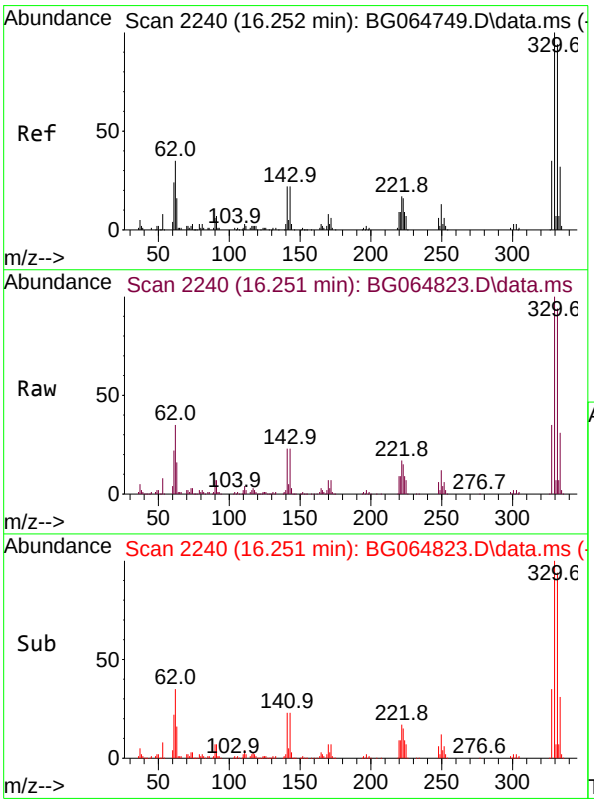
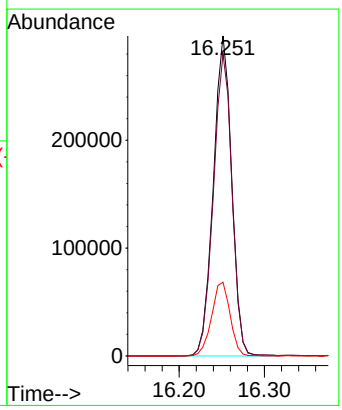


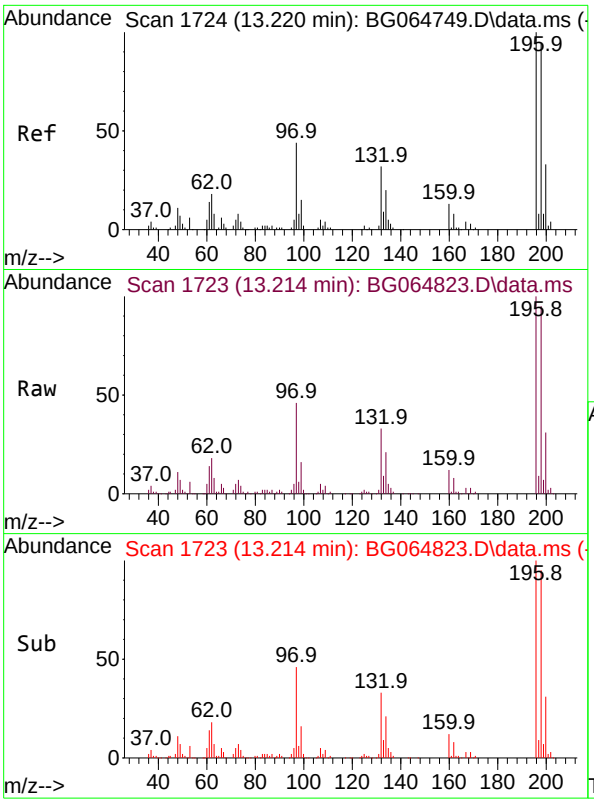


#42
2,4,6-Tribromophenol
Concen: 125.245 ng
RT: 16.251 min Scan# 2240
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:330 Resp: 443133

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	23.1	18.2	27.2

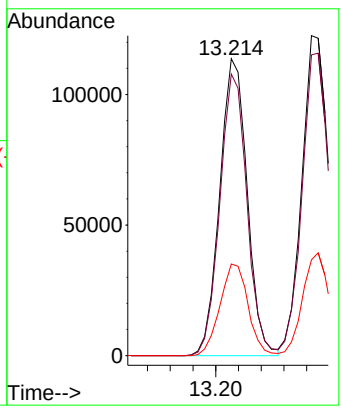




#43
2,4,6-Trichlorophenol
Concen: 46.015 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:196 Resp: 19067

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.3	112.9
200	30.9	26.2	39.2



Instrument :
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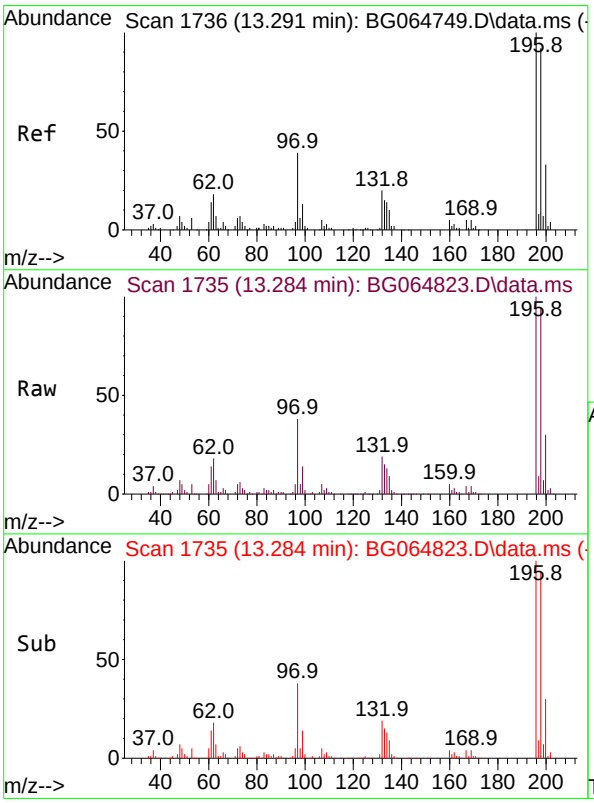
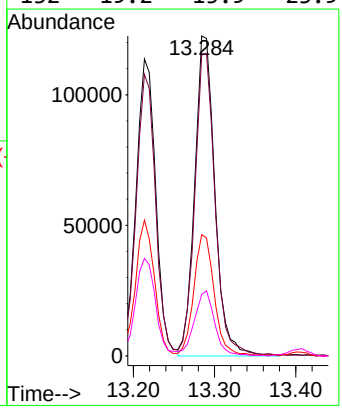
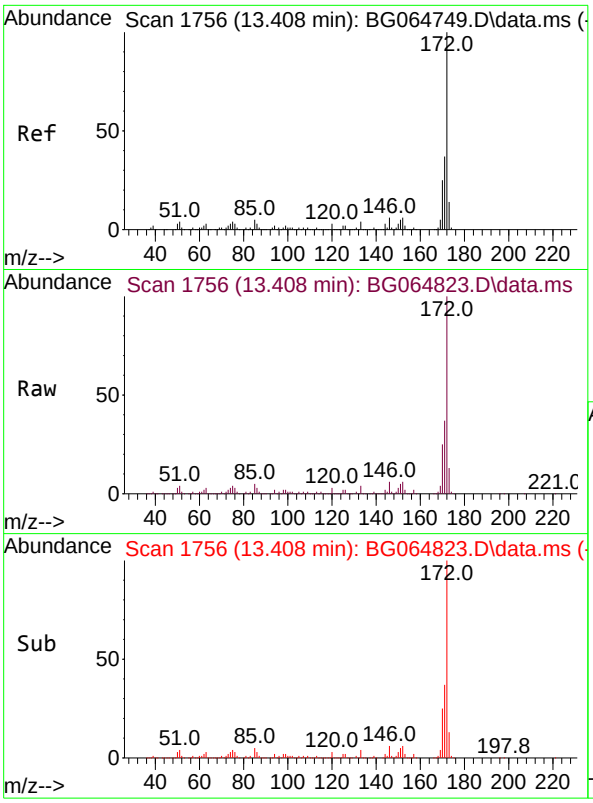


#44
2,4,5-Trichlorophenol
Concen: 45.723 ng
RT: 13.284 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:196 Resp: 212496

Ion	Ratio	Lower	Upper
196	100		
198	94.0	73.2	109.8
97	37.9	31.4	47.0
132	19.2	15.9	23.9

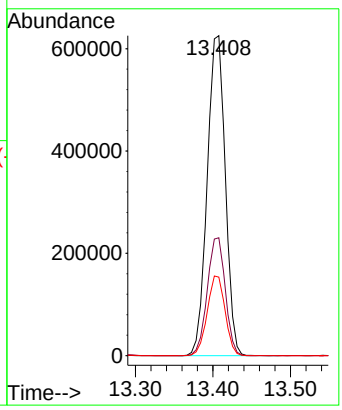




#45
2-Fluorobiphenyl
Concen: 77.905 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:172 Resp: 101287

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.5	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
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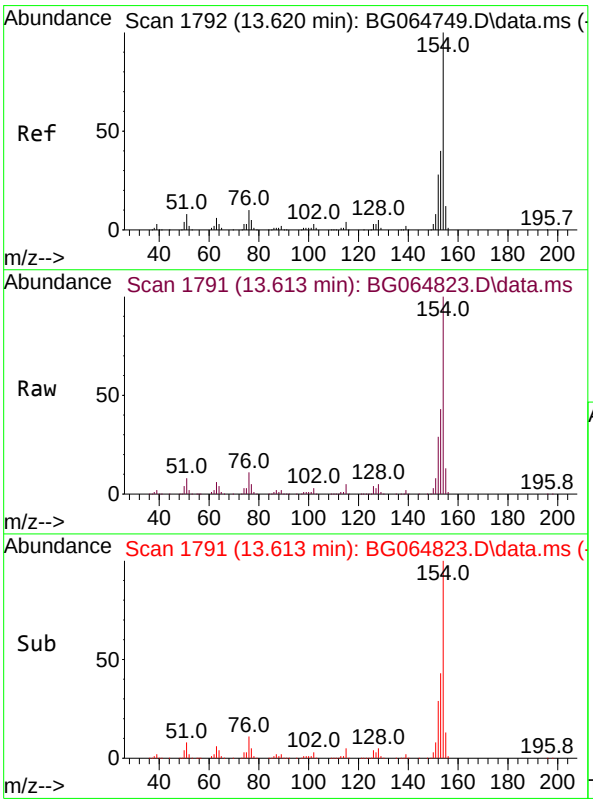
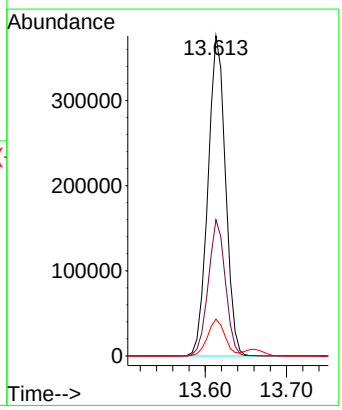
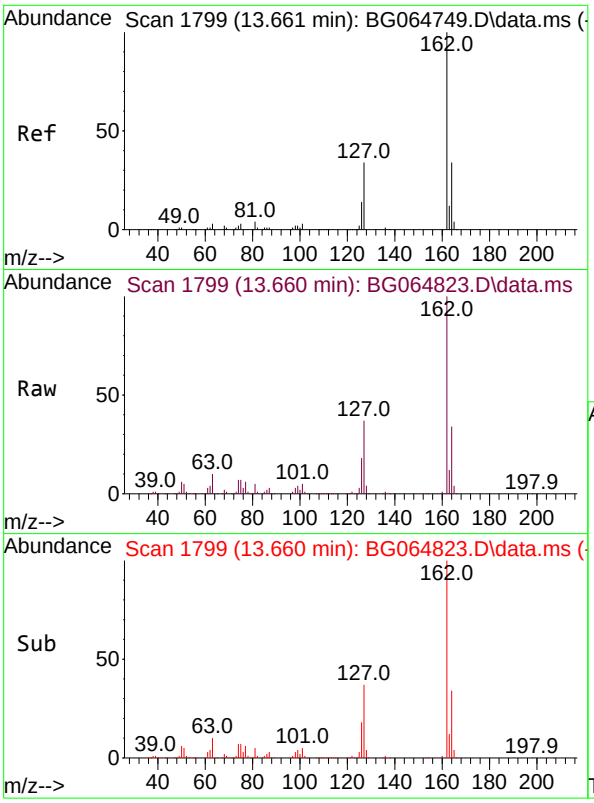


#46
1,1'-Biphenyl
Concen: 43.274 ng
RT: 13.613 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:154 Resp: 563855

Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	11.5	0.0	30.0

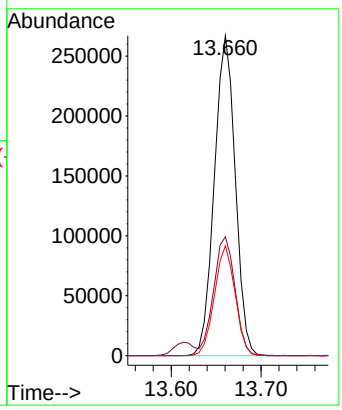




#47
2-Chloronaphthalene
Concen: 42.192 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:162 Resp: 433108

Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.3	45.5
164	34.3	26.8	40.2



Instrument :
BNA_G
ClientSampleId :
PB170608BS

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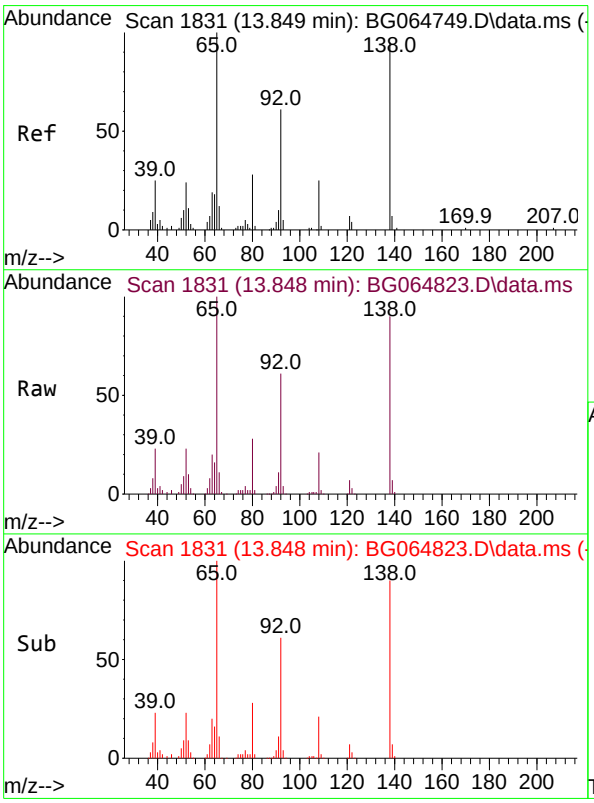
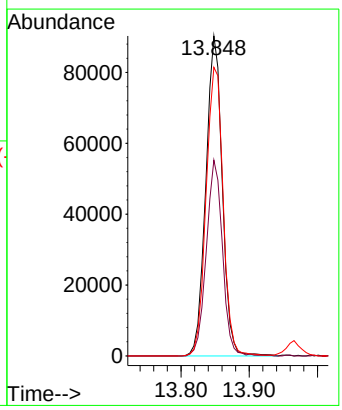
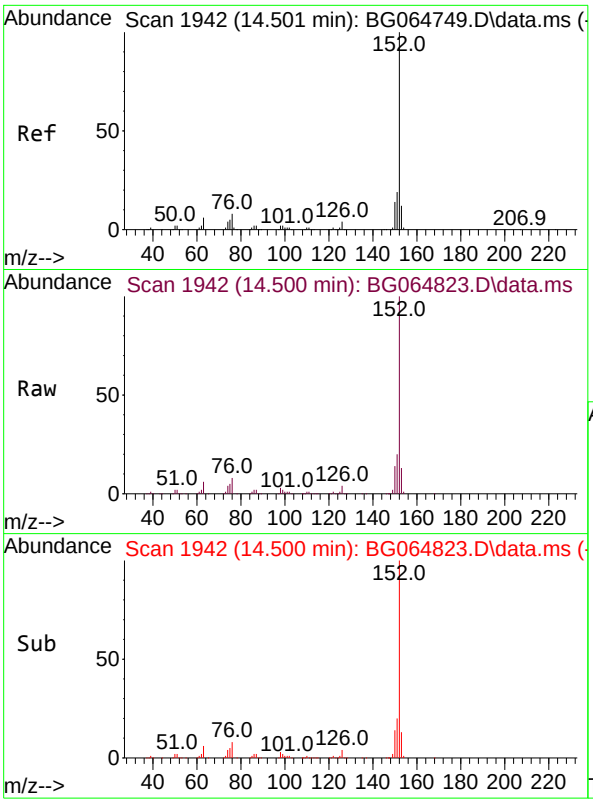


#48
2-Nitroaniline
Concen: 45.707 ng
RT: 13.848 min Scan# 1831
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 65 Resp: 150912

Ion	Ratio	Lower	Upper
65	100		
92	61.2	48.6	73.0
138	90.2	76.4	114.6

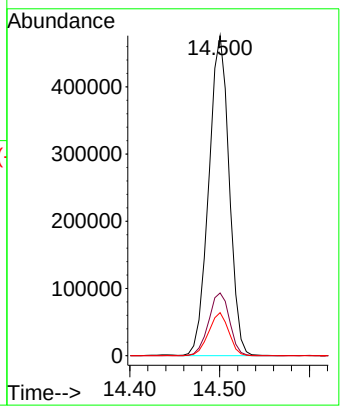




#49
Acenaphthylene
Concen: 43.034 ng
RT: 14.500 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:152 Resp: 75470

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.4
153	13.4	9.9	14.9



Instrument :
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ClientSampleId :
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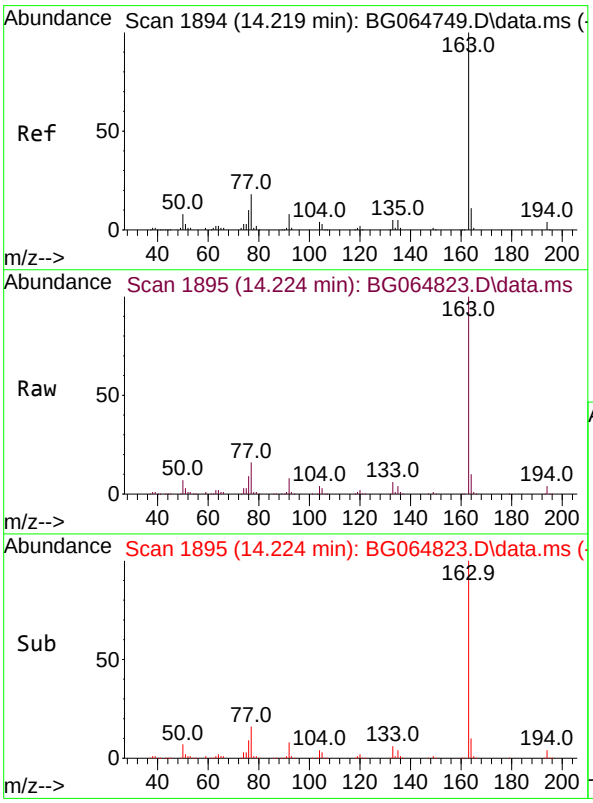
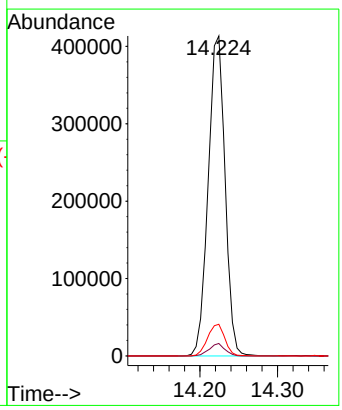
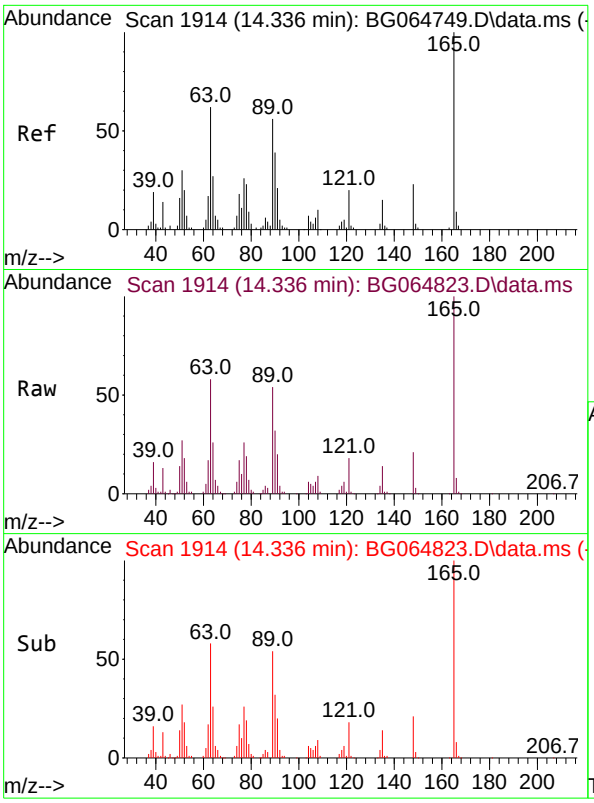


#50
Dimethylphthalate
Concen: 43.585 ng
RT: 14.224 min Scan# 1895
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:163 Resp: 624599

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	8.6	12.8

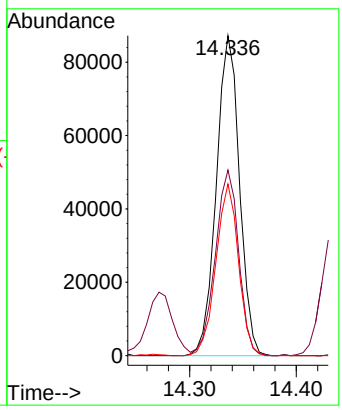




#51
2,6-Dinitrotoluene
Concen: 47.711 ng
RT: 14.336 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:165 Resp: 13156

Ion	Ratio	Lower	Upper
165	100		
63	58.0	49.8	74.8
89	53.6	45.0	67.4



Instrument :
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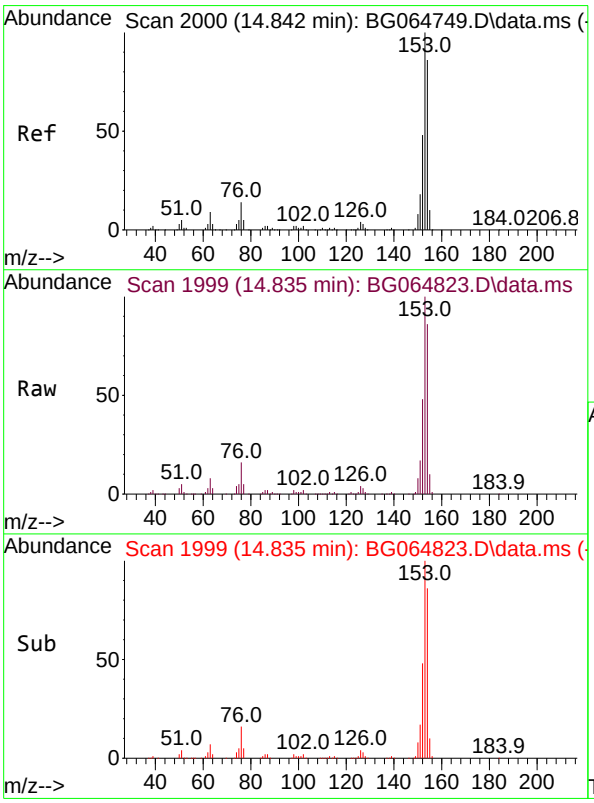
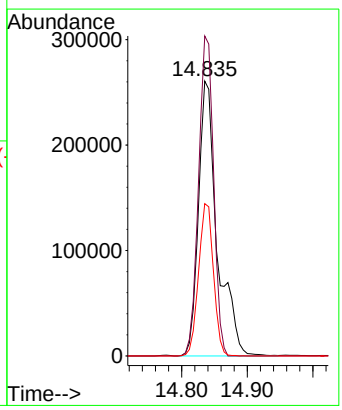
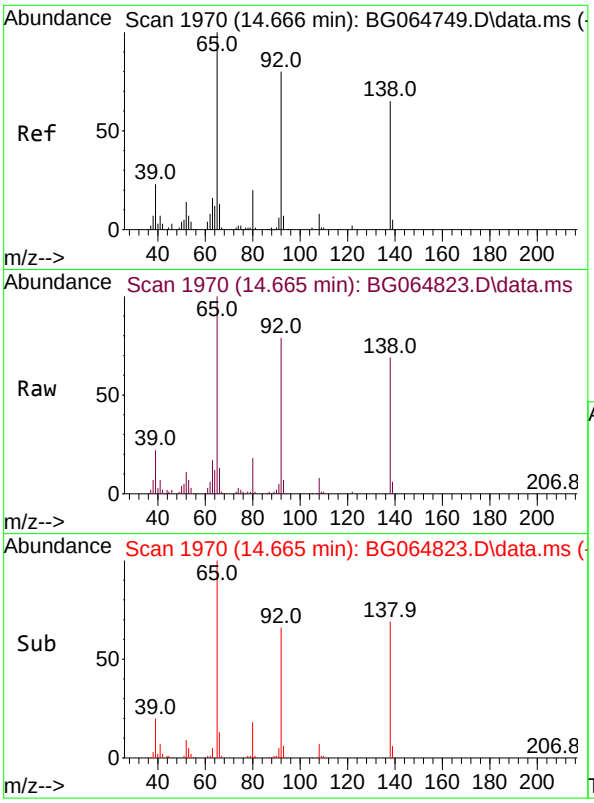


#52
Acenaphthene
Concen: 49.297 ng
RT: 14.835 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:154 Resp: 518356

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.0	139.4
152	55.4	44.4	66.6

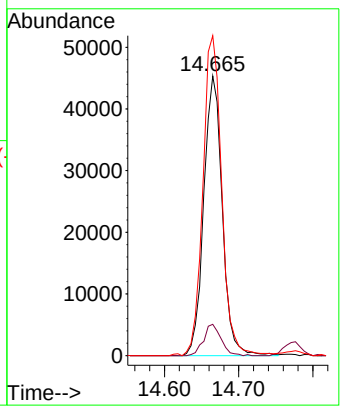




#53
3-Nitroaniline
Concen: 28.907 ng
RT: 14.665 min Scan# 19
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:138 Resp: 7867

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.5	14.3
92	114.4	99.0	148.4



Instrument :
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ClientSampleId :
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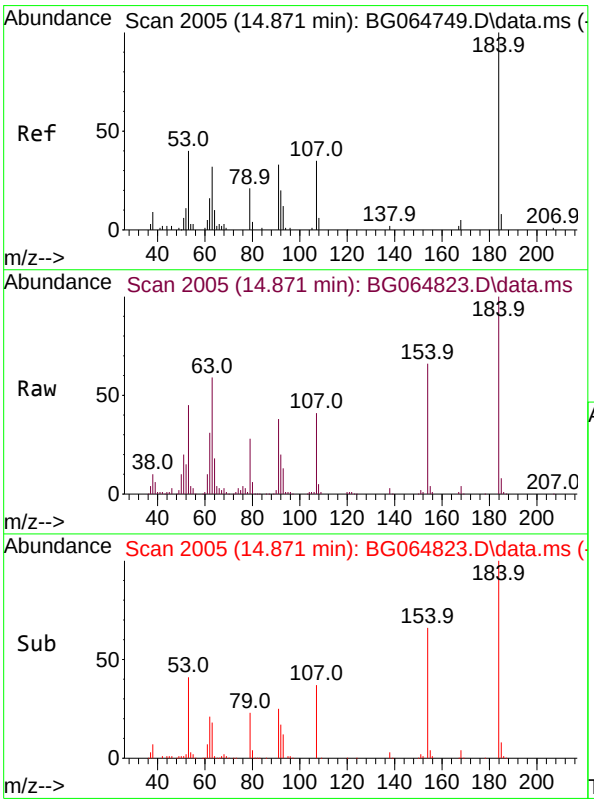
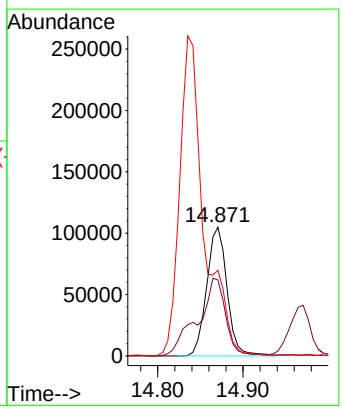
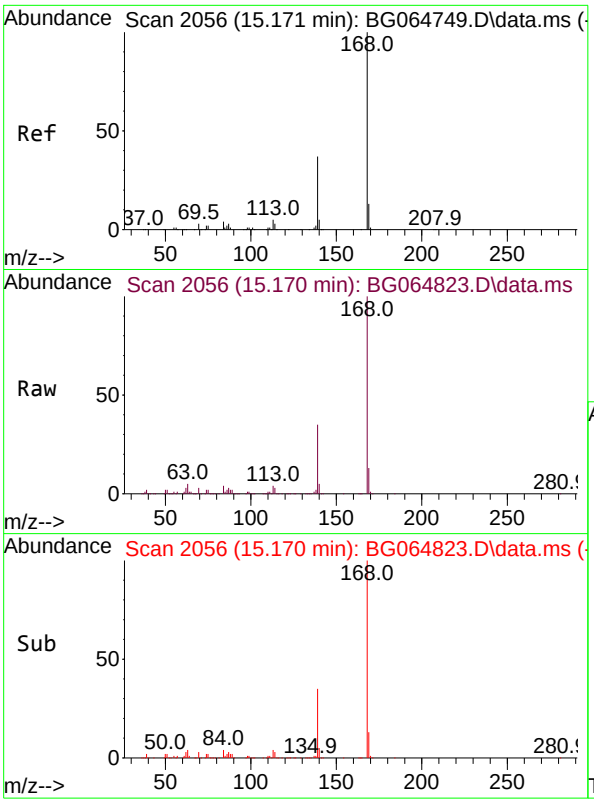


#54
2,4-Dinitrophenol
Concen: 90.594 ng
RT: 14.871 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:184 Resp: 173531

Ion	Ratio	Lower	Upper
184	100		
63	59.0	45.8	68.6
154	66.5	52.6	78.8

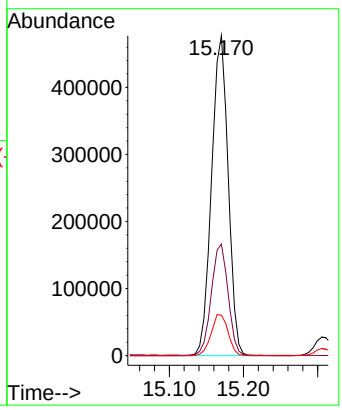




#55
Dibenzofuran
Concen: 42.632 ng
RT: 15.170 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:168 Resp: 74111

Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.5	44.3
169	12.7	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
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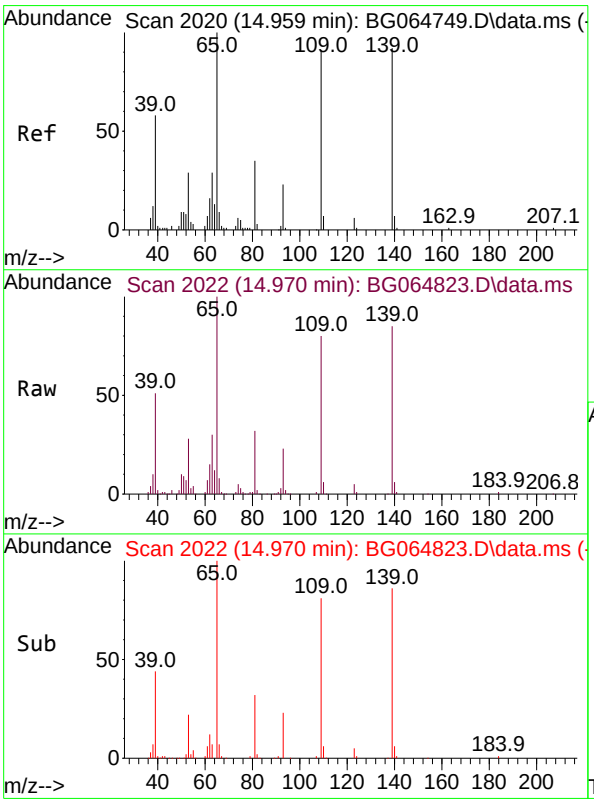
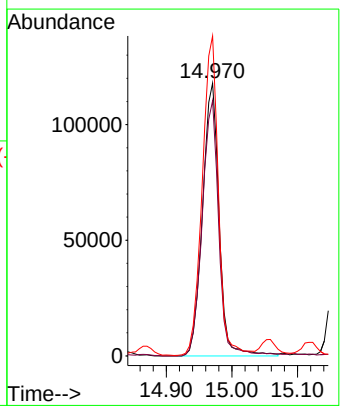
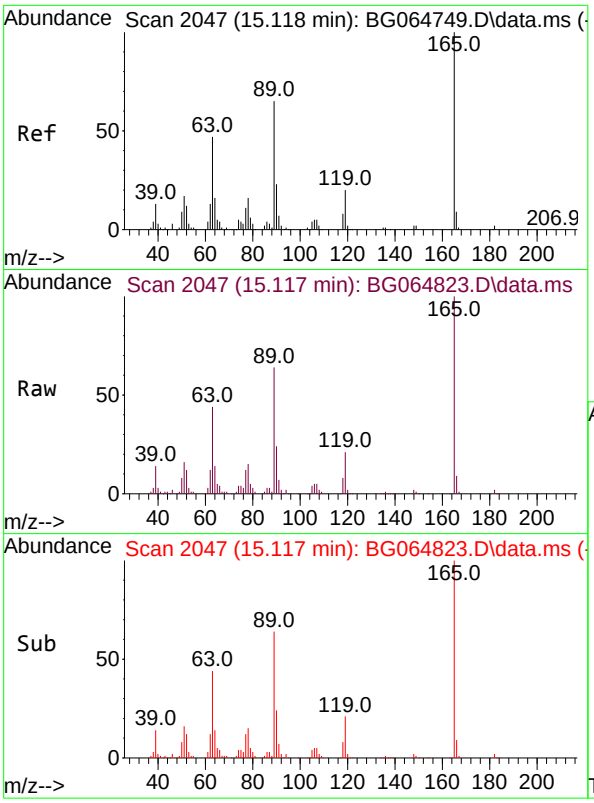


#56
4-Nitrophenol
Concen: 95.465 ng
RT: 14.970 min Scan# 2022
Delta R.T. 0.011 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:139 Resp: 206142

Ion	Ratio	Lower	Upper
139	100		
109	93.6	79.7	119.7
65	117.3	89.9	129.9

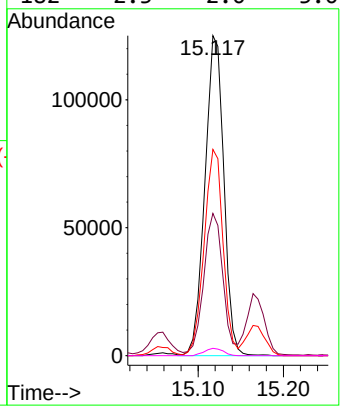




#57
2,4-Dinitrotoluene
Concen: 46.561 ng
RT: 15.117 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:165 Resp: 19248

Ion	Ratio	Lower	Upper
165	100		
63	44.4	37.8	56.6
89	64.4	51.6	77.4
182	2.3	2.0	3.0



Instrument :
BNA_G
ClientSampleId :
PB170608BS

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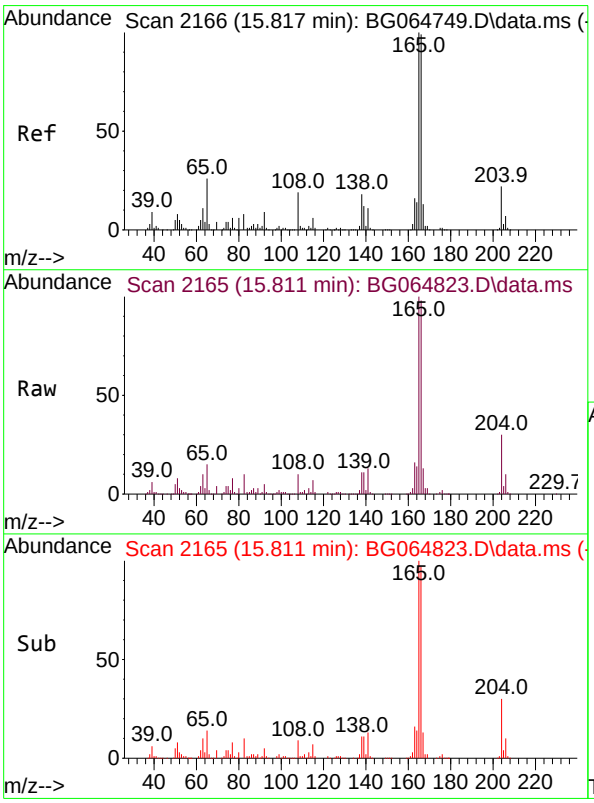
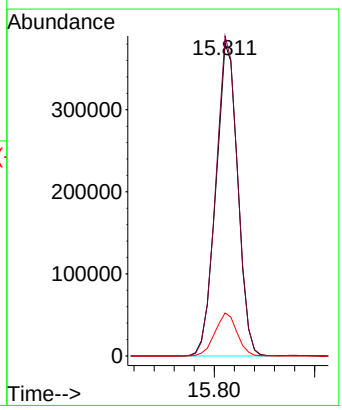
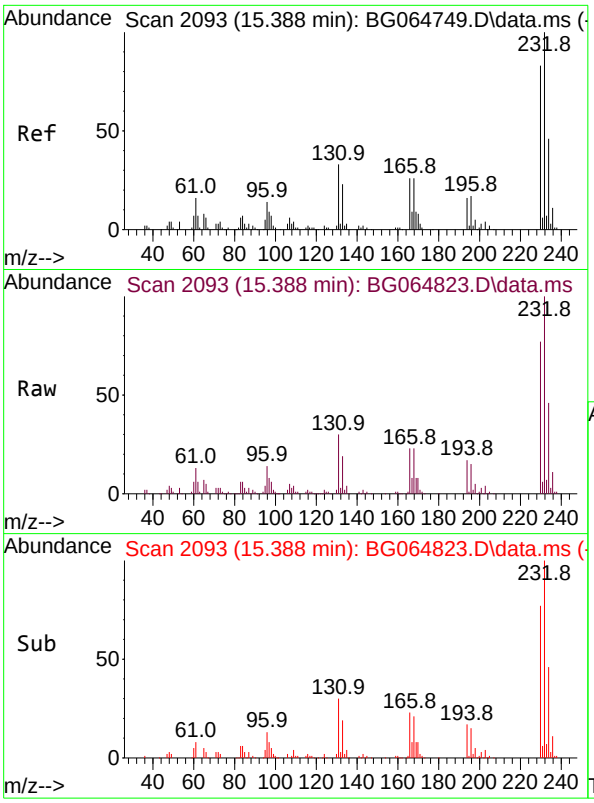


#58
Fluorene
Concen: 42.348 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:166 Resp: 577386

Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.5	120.7
167	13.7	10.3	15.5

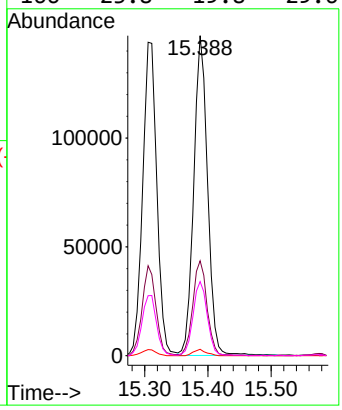




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.794 ng
RT: 15.388 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:232 Resp: 22374

Ion	Ratio	Lower	Upper
232	100		
131	30.5	26.0	39.0
130	1.8	1.6	2.4
166	23.8	19.8	29.6



Instrument :
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ClientSampleId :
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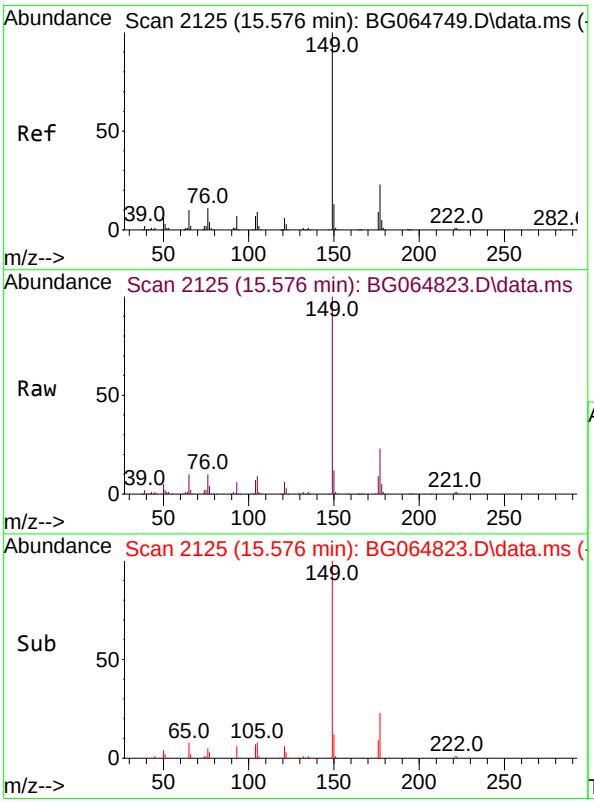
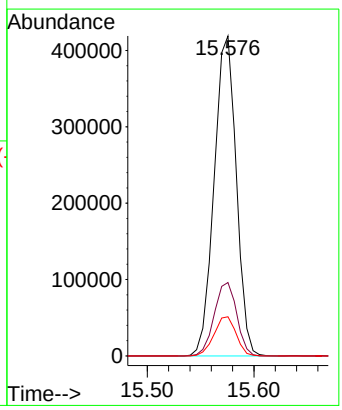
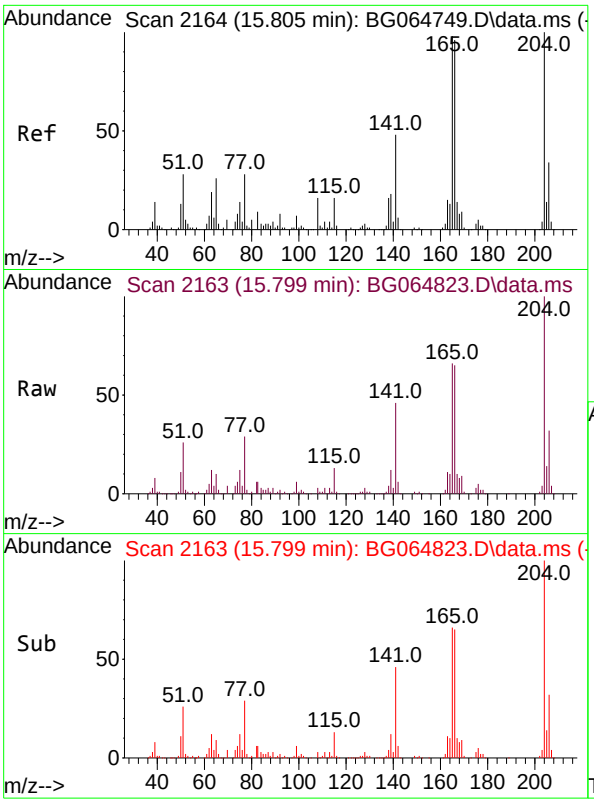


#60
Diethylphthalate
Concen: 44.053 ng
RT: 15.576 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 604754

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.2	10.1	15.1

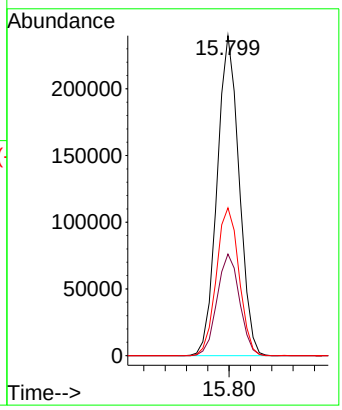




#61
4-Chlorophenyl-phenylether
Concen: 42.024 ng
RT: 15.799 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:204 Resp: 34385

Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.9	40.3
141	46.2	38.1	57.1



Instrument :
BNA_G
ClientSampleId :
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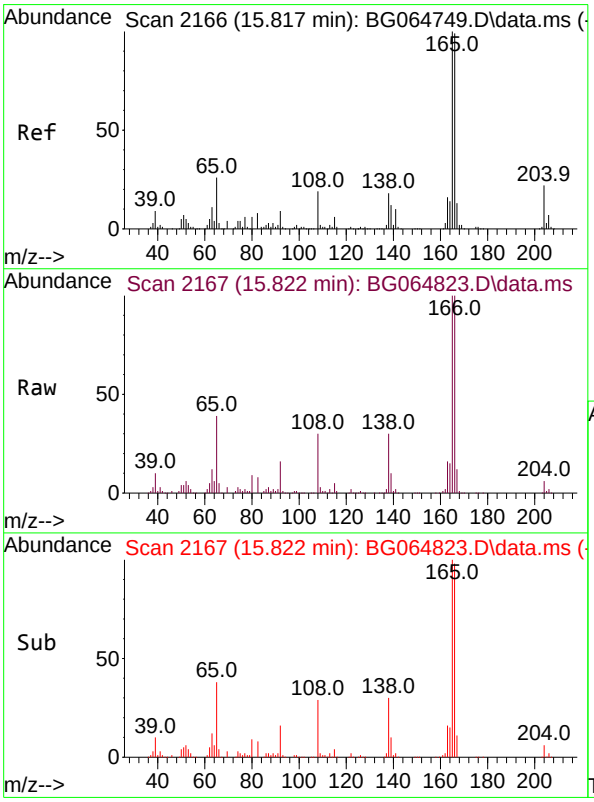
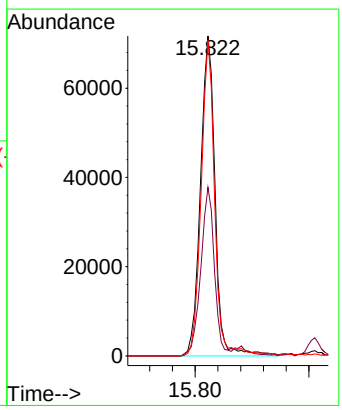
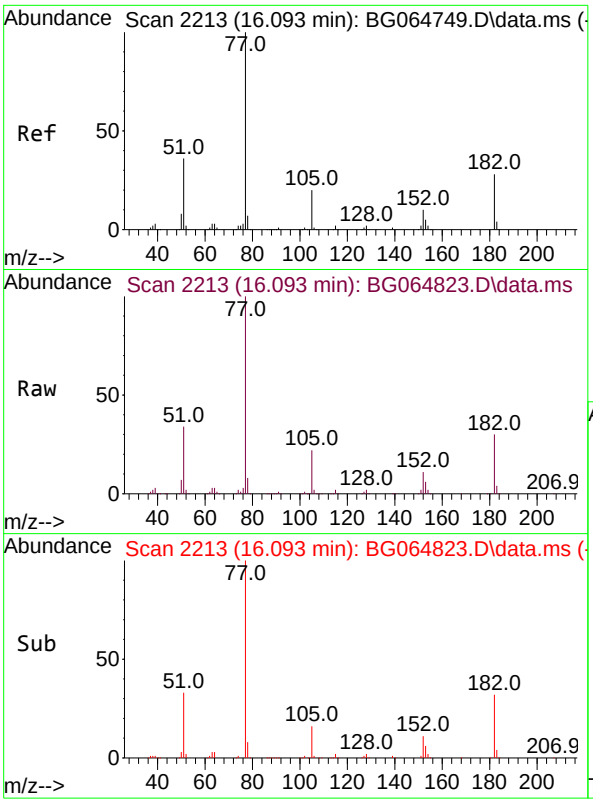


#62
4-Nitroaniline
Concen: 45.201 ng
RT: 15.822 min Scan# 2167
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:138 Resp: 127447

Ion	Ratio	Lower	Upper
138	100		
92	52.7	30.7	70.7
108	98.7	85.7	125.7

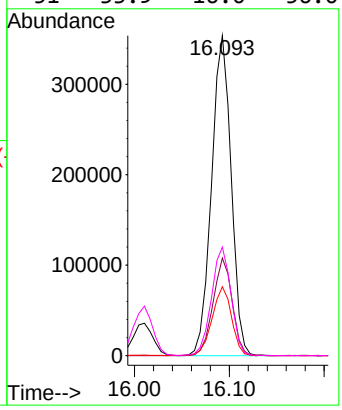




#63
Azobenzene
Concen: 44.583 ng
RT: 16.093 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion: 77 Resp: 50906

Ion	Ratio	Lower	Upper
77	100		
182	30.5	8.1	48.1
105	21.5	0.1	40.1
51	33.9	16.0	56.0



Instrument :
BNA_G
ClientSampleId :
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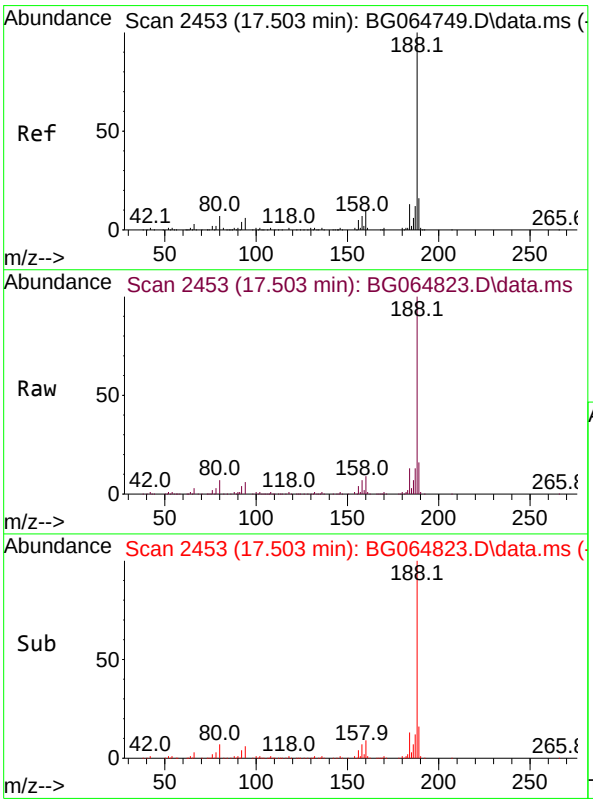
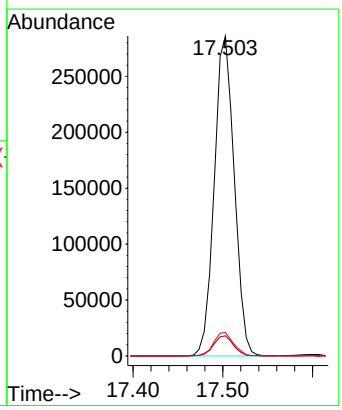
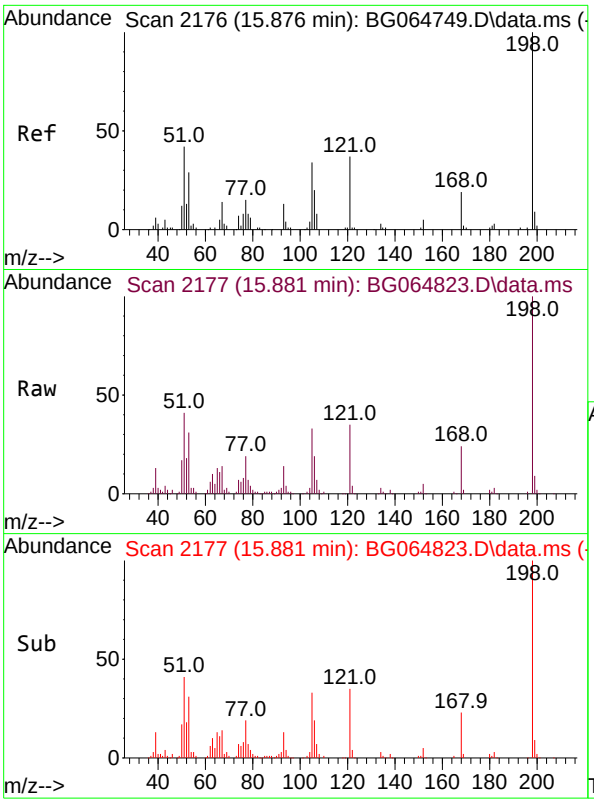


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:188 Resp: 441904

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.7	7.1
80	7.3	5.4	8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.773 ng
RT: 15.881 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:198 Resp: 12457

Ion	Ratio	Lower	Upper
198	100		
51	40.5	25.2	65.2
105	32.7	14.2	54.2

Instrument :
BNA_G
ClientSampleId :
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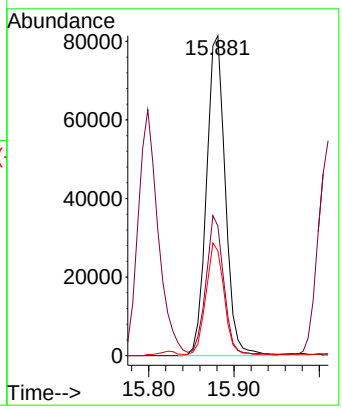
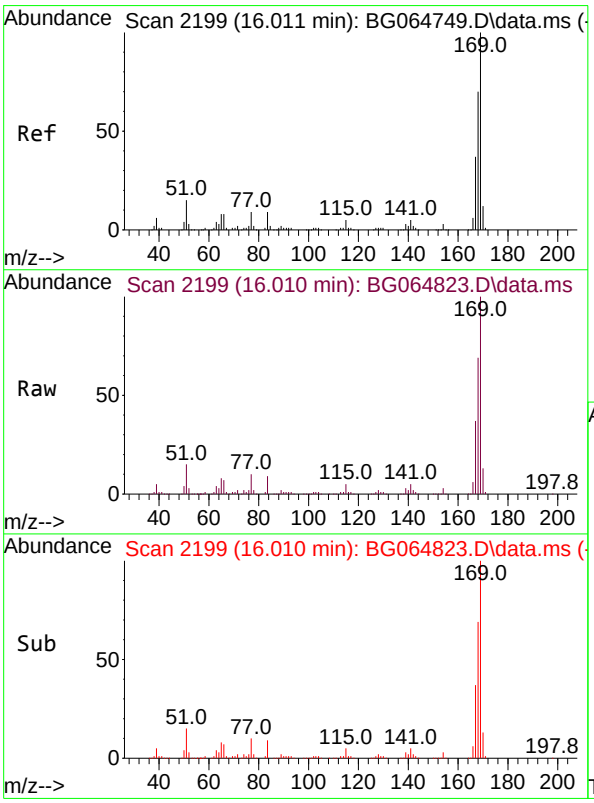
Supervised By :Sohil Jodhani 11/20/2025

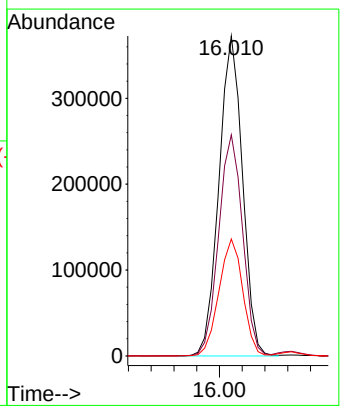


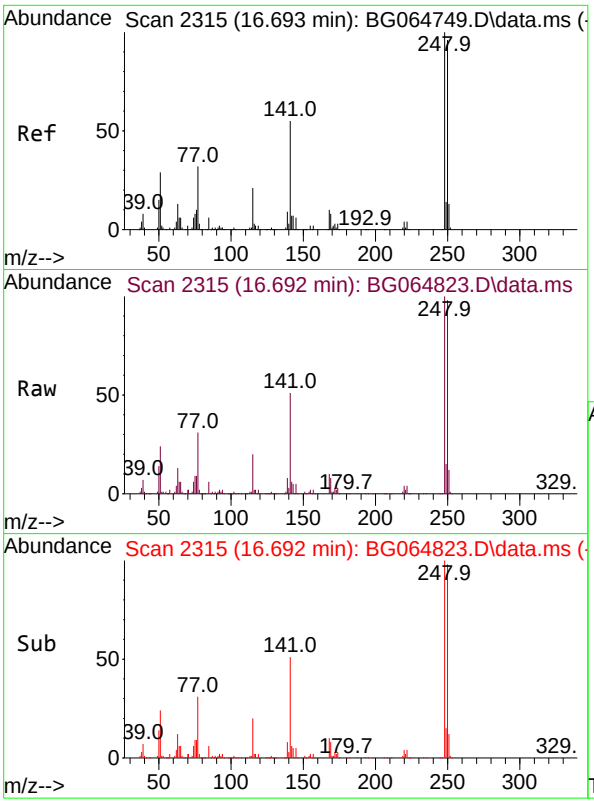


#66
n-Nitrosodiphenylamine
Concen: 46.246 ng
RT: 16.010 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:169 Resp: 535297

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.9	83.9
167	36.5	29.8	44.6





#67
4-Bromophenyl-phenylether
Concen: 44.619 ng
RT: 16.692 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:248 Resp: 25893

Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.0	115.6
141	50.9	43.7	65.5

Instrument :
BNA_G
ClientSampleId :
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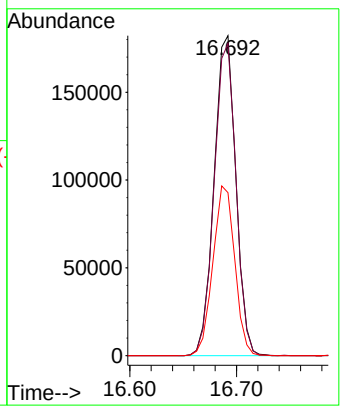
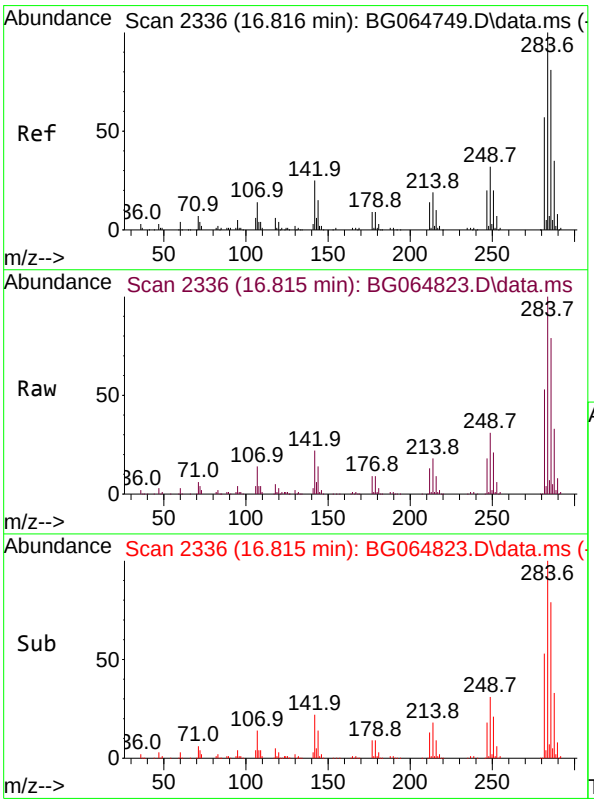
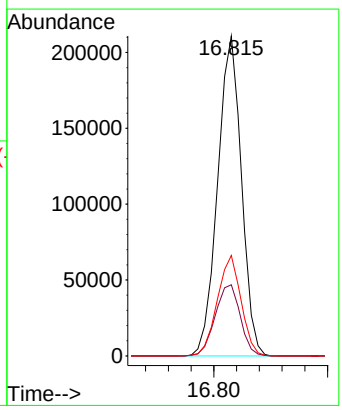


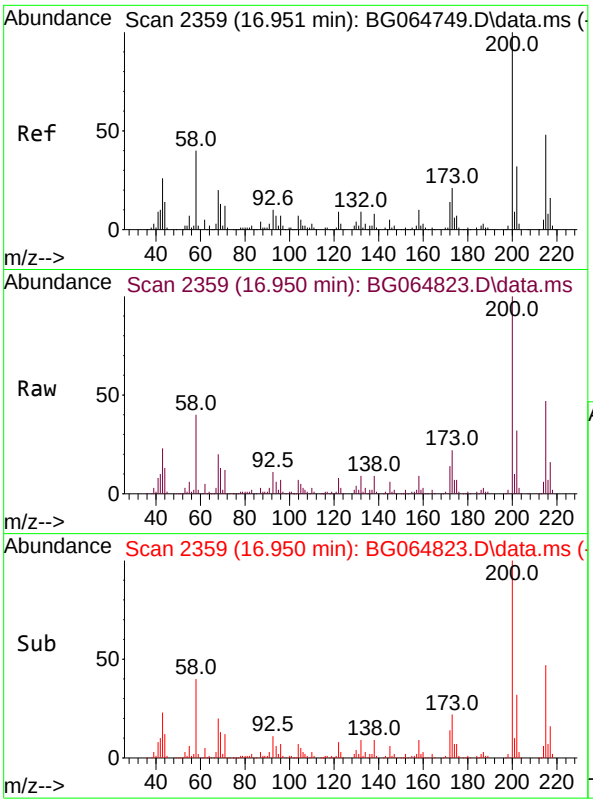


#68
Hexachlorobenzene
Concen: 43.485 ng
RT: 16.815 min Scan# 2336
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:284 Resp: 305735

Ion	Ratio	Lower	Upper
284	100		
142	22.2	19.7	29.5
249	31.4	28.1	42.1

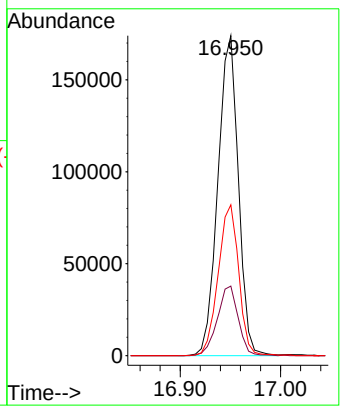




#69
Atrazine
Concen: 44.259 ng
RT: 16.950 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:200 Resp: 24699

Ion	Ratio	Lower	Upper
200	100		
173	21.7	0.9	40.9
215	47.1	27.5	67.5



Instrument :
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ClientSampleId :
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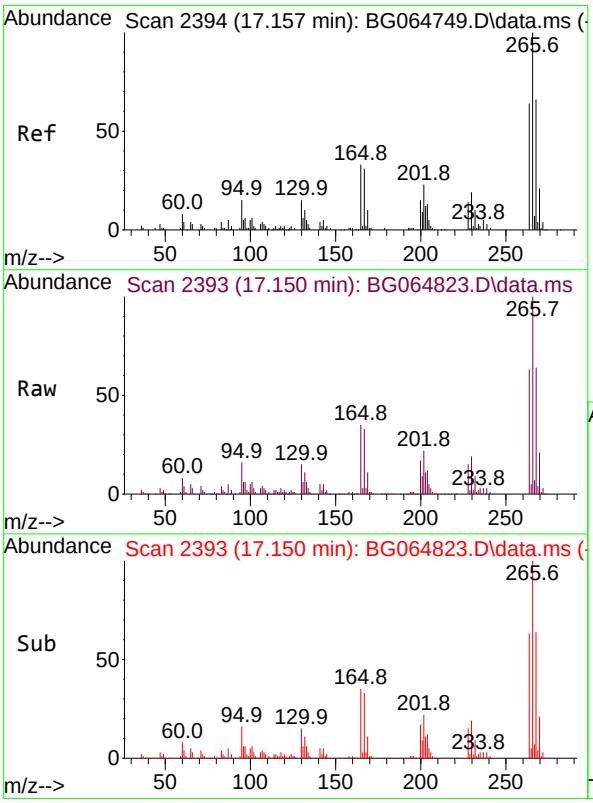
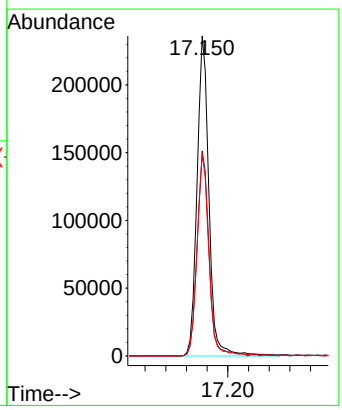
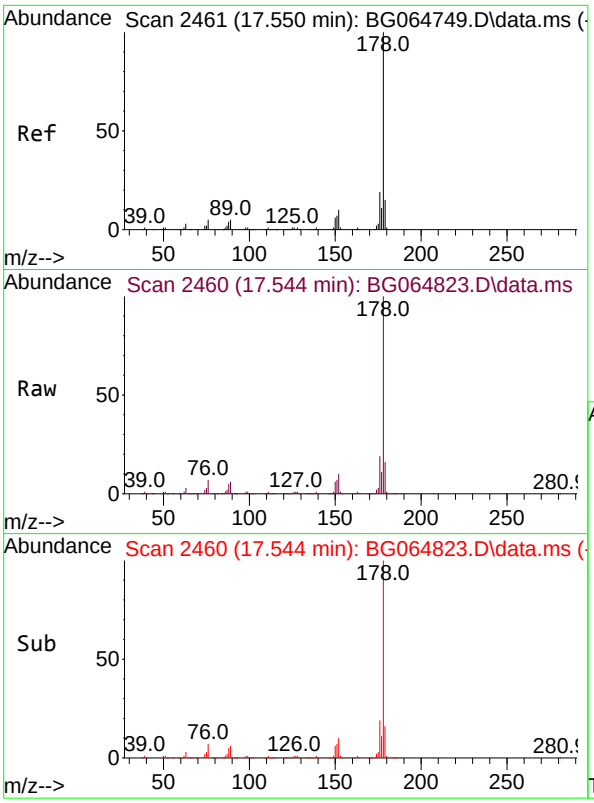


#70
Pentachlorophenol
Concen: 89.511 ng
RT: 17.150 min Scan# 2393
Delta R.T. -0.007 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:266 Resp: 375715

Ion	Ratio	Lower	Upper
266	100		
268	68.4	56.1	84.1
264	63.0	51.2	76.8

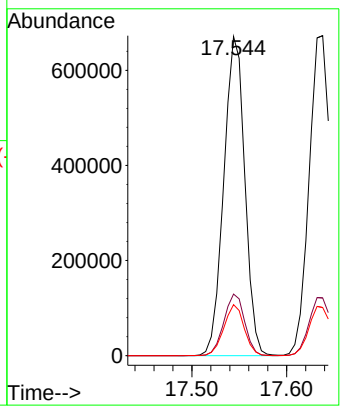




#71
Phenanthrene
Concen: 42.795 ng
RT: 17.544 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:178 Resp: 103468

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.8	22.2
179	16.0	12.2	18.4



Instrument :
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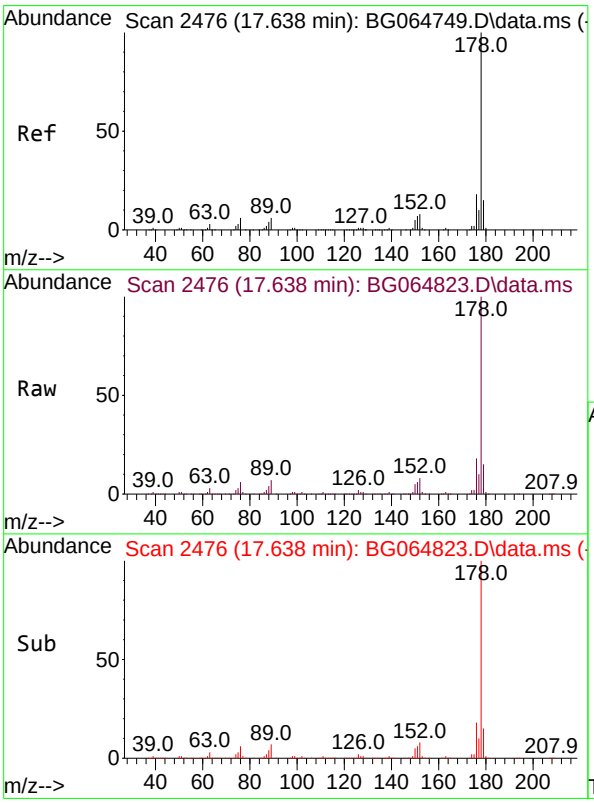
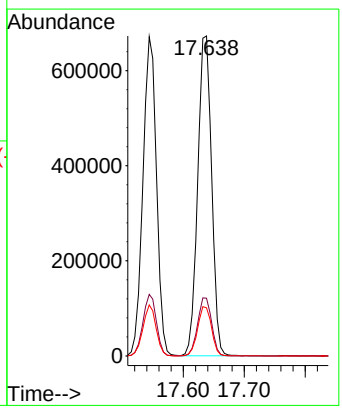
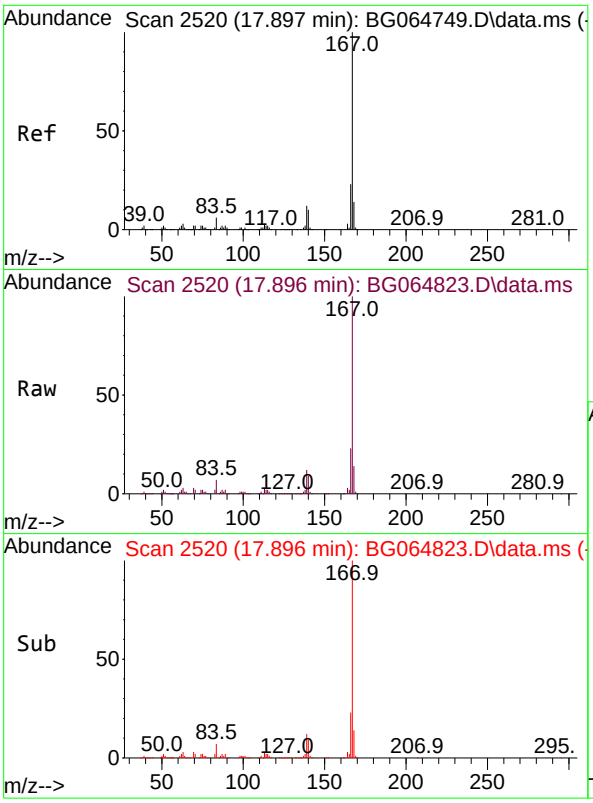


#72
Anthracene
Concen: 43.216 ng
RT: 17.638 min Scan# 2476
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:178 Resp: 1065444

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.0	12.2	18.4

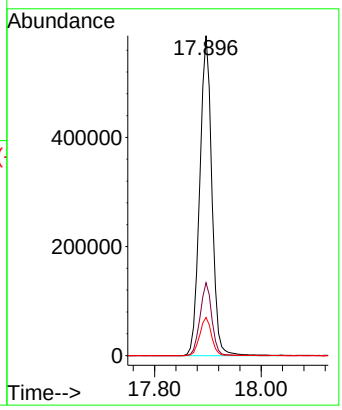




#73
Carbazole
Concen: 43.435 ng
RT: 17.896 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:167 Resp: 92054

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.0	27.0
139	11.9	9.7	14.5



Instrument :
BNA_G
ClientSampleId :
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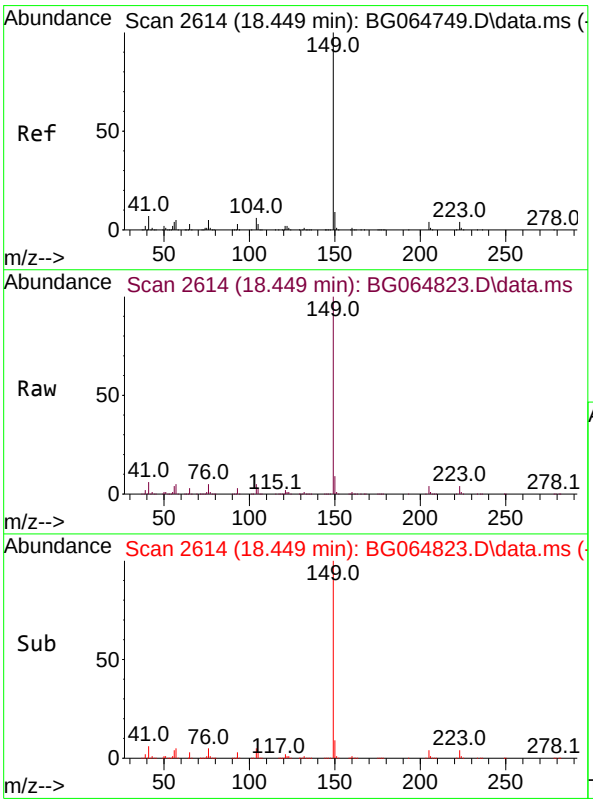
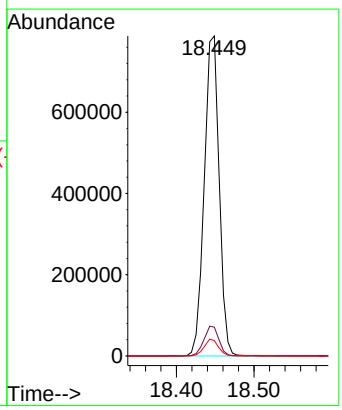
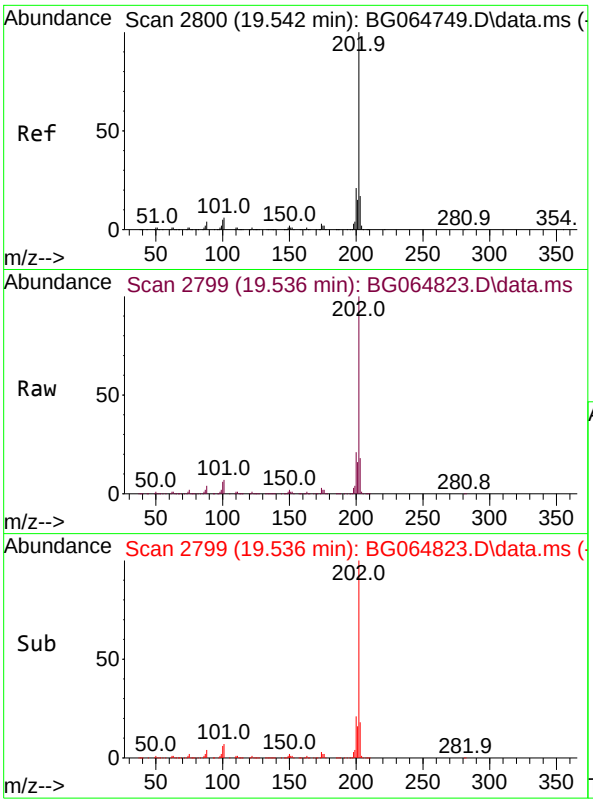


#74
Di-n-butylphthalate
Concen: 44.460 ng
RT: 18.449 min Scan# 2614
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 1051259

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.8	4.4	6.6





#75
Fluoranthene
Concen: 39.382 ng
RT: 19.536 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:202 Resp: 130206

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	26.4
203	17.8	0.0	37.5

Instrument :
BNA_G
ClientSampleId :
PB170608BS

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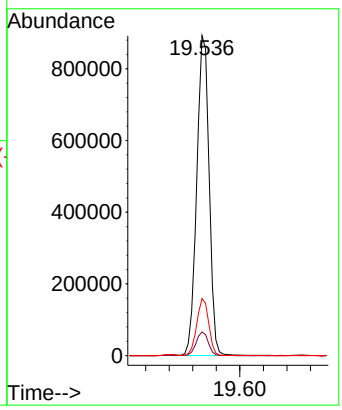
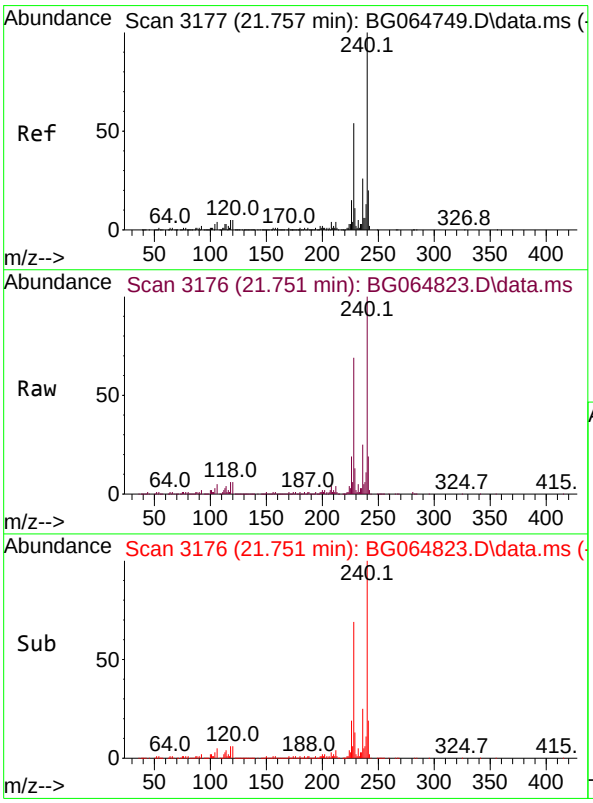
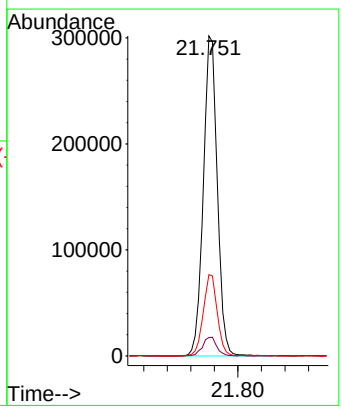


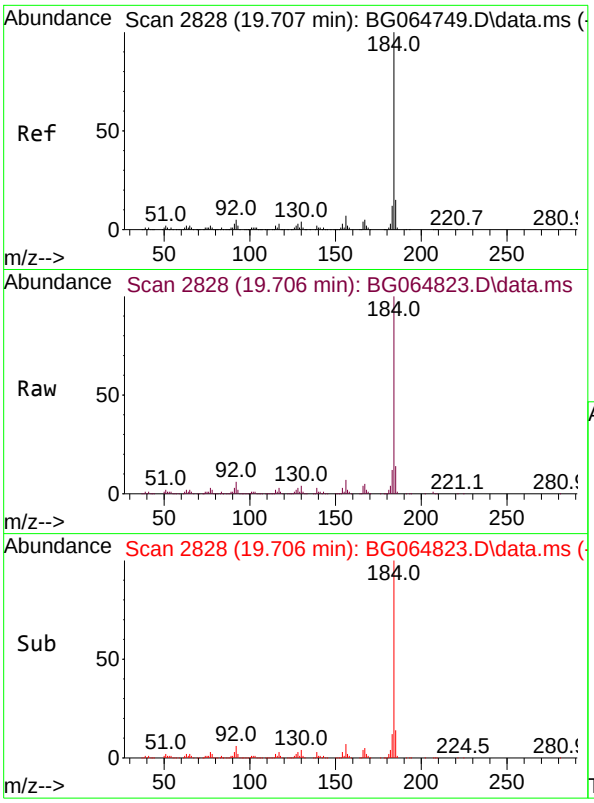


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:240 Resp: 497397

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.2	6.4
236	25.4	20.8	31.2

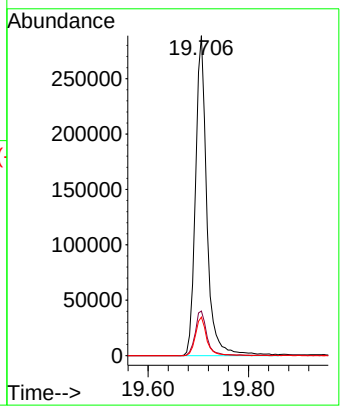




#77
Benzidine
Concen: 30.408 ng
RT: 19.706 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:184 Resp: 45296

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.6
183	12.0	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
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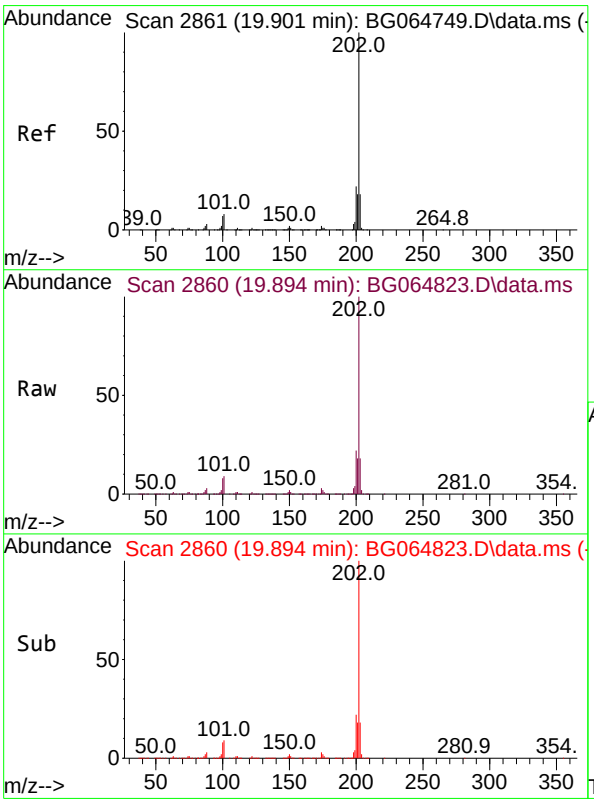
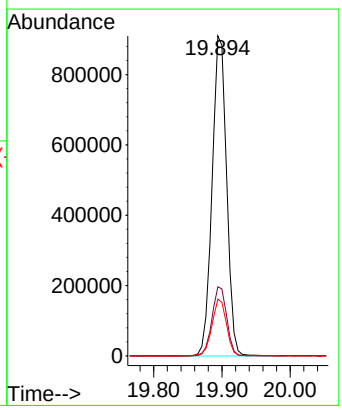
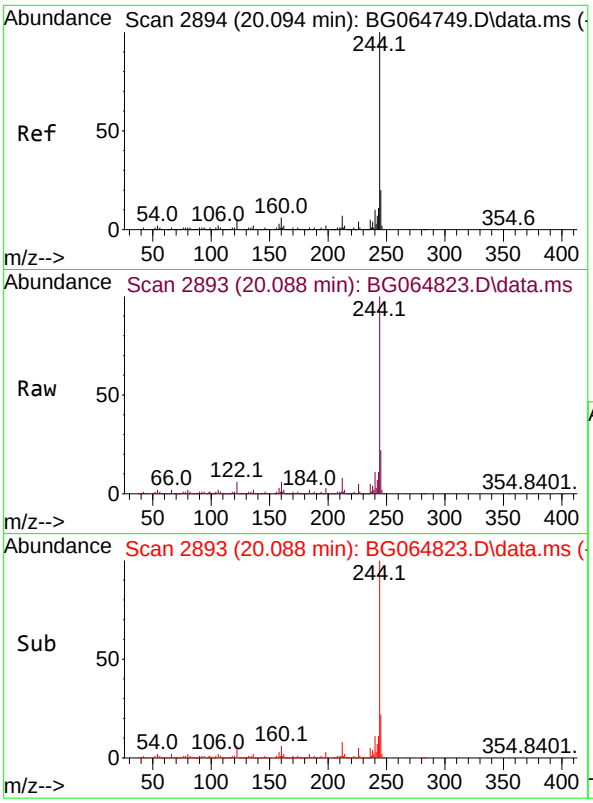


#78
Pyrene
Concen: 47.933 ng
RT: 19.894 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:202 Resp: 1336229

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.9	26.9
203	17.7	14.0	21.0

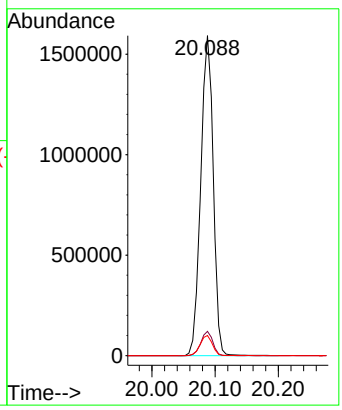




#79
Terphenyl-d14
Concen: 86.124 ng
RT: 20.088 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:244 Resp: 217772

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	6.3	4.3	6.5



Instrument :
BNA_G
ClientSampleId :
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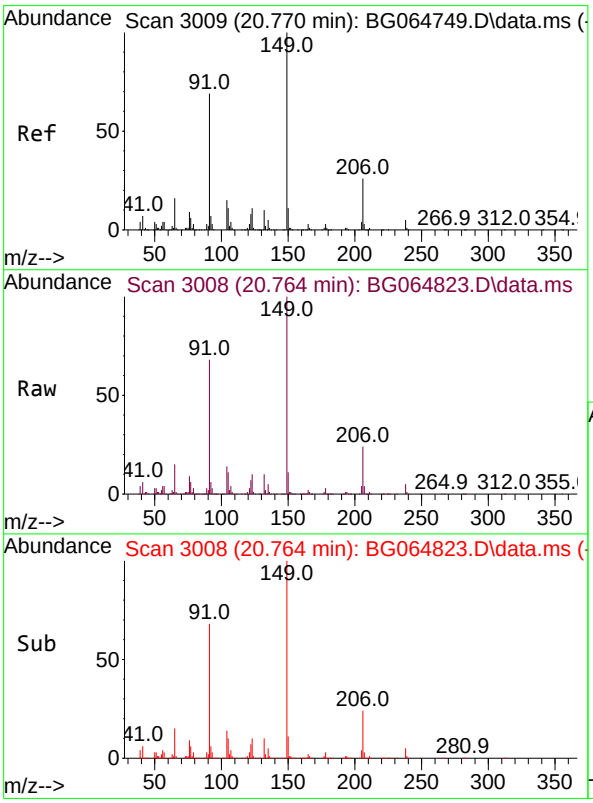
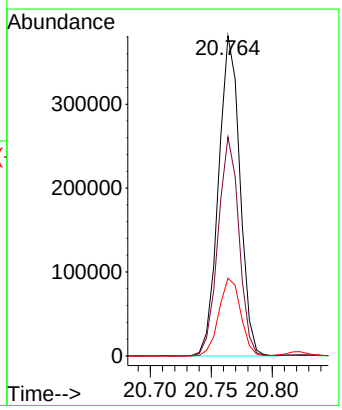
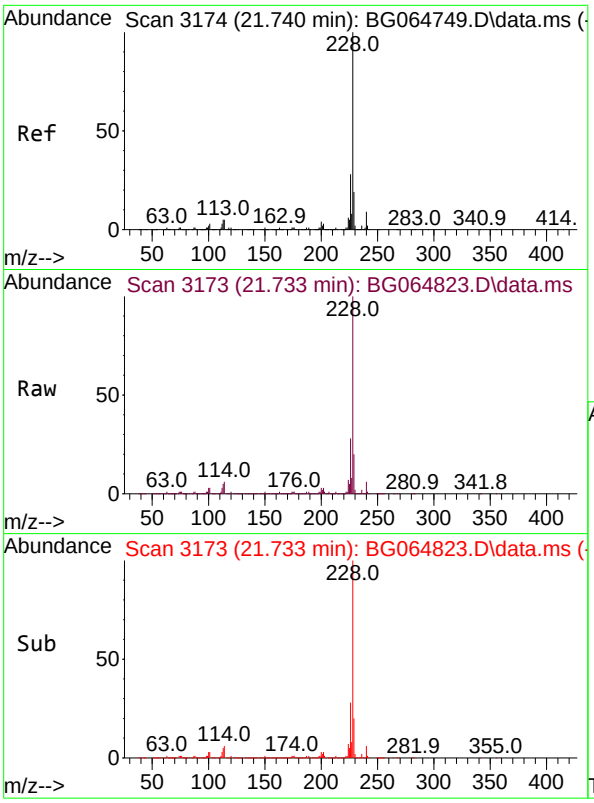


#80
Butylbenzylphthalate
Concen: 47.373 ng
RT: 20.764 min Scan# 3008
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 464508

Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.9	82.3
206	24.3	21.2	31.8

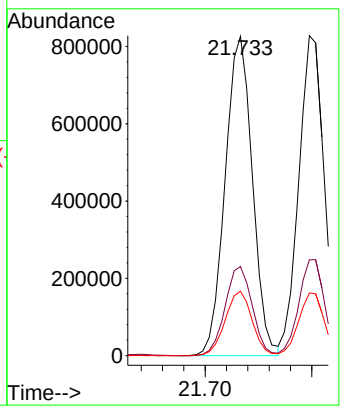




#81
Benzo(a)anthracene
Concen: 43.396 ng
RT: 21.733 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:228 Resp: 146770

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.2	15.5	23.3



Instrument :
BNA_G
ClientSampleId :
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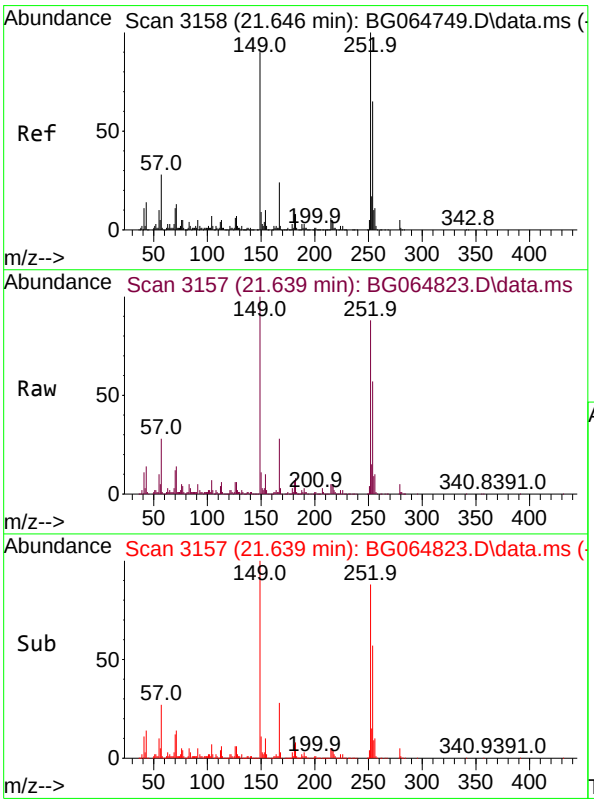
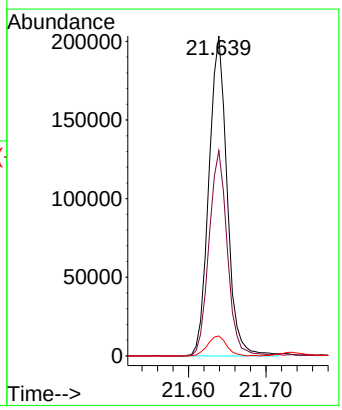
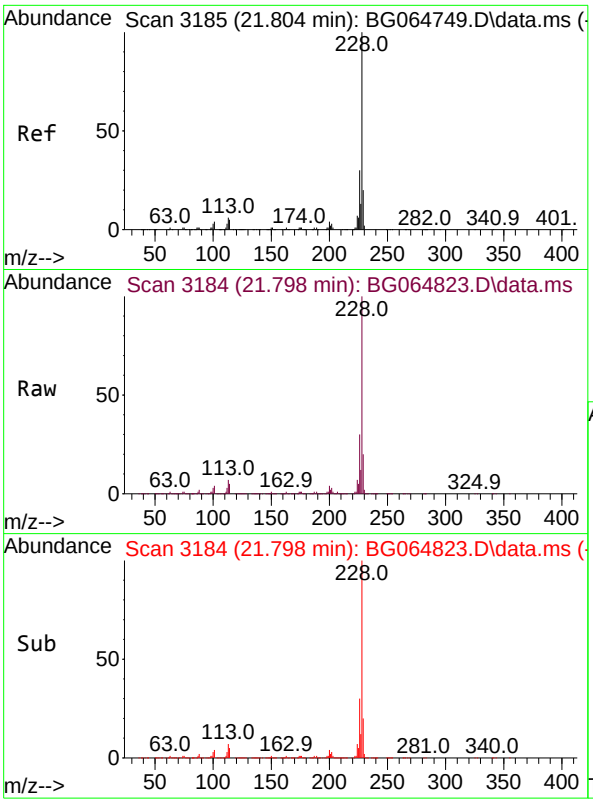


#82
3,3'-Dichlorobenzidine
Concen: 26.681 ng
RT: 21.639 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:252 Resp: 332134

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.8
126	6.2	4.7	7.1

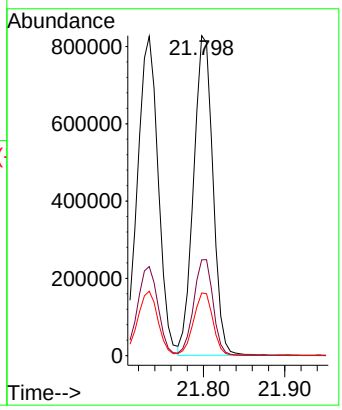




#83
Chrysene
Concen: 42.865 ng
RT: 21.798 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:228 Resp: 136678

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.6	16.0	24.0



Instrument :
BNA_G
ClientSampleId :
PB170608BS

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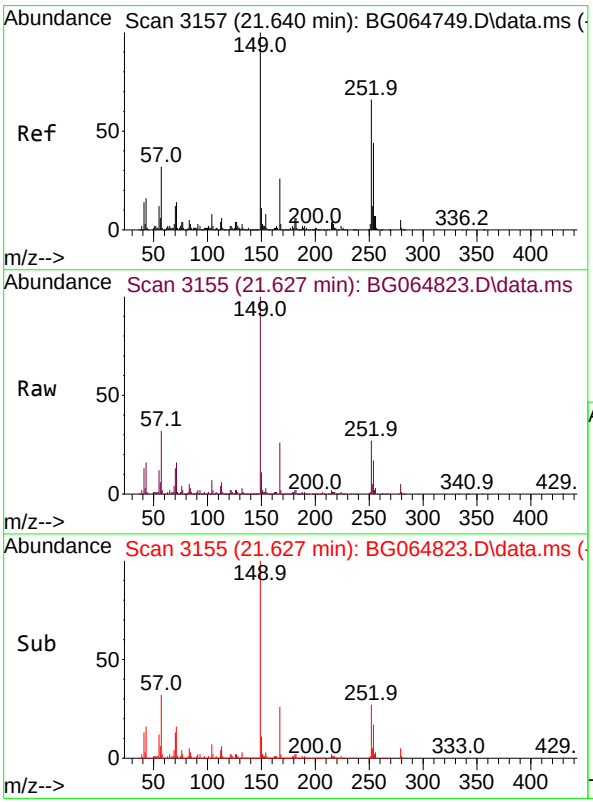
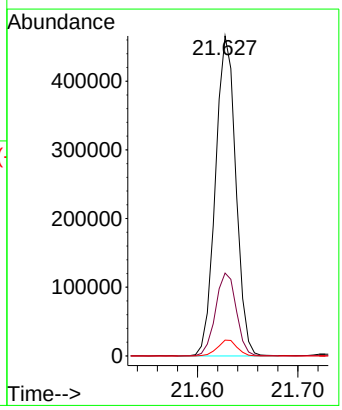
Supervised By :Sohil Jodhani 11/20/2025

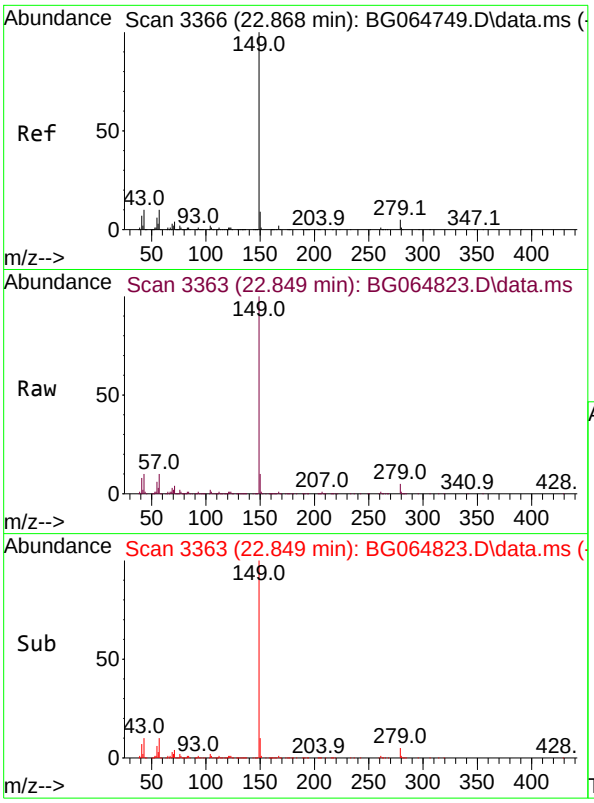


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.993 ng
RT: 21.627 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 658997

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.0	31.4
279	4.9	4.1	6.1

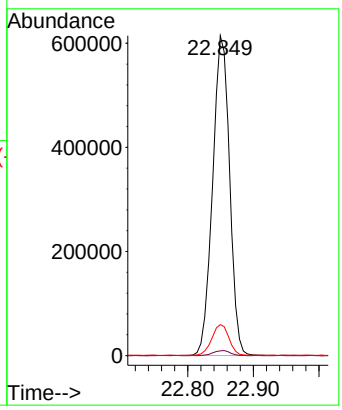




#85
Di-n-octyl phthalate
Concen: 44.673 ng
RT: 22.849 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:149 Resp: 110643

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
PB170608BS

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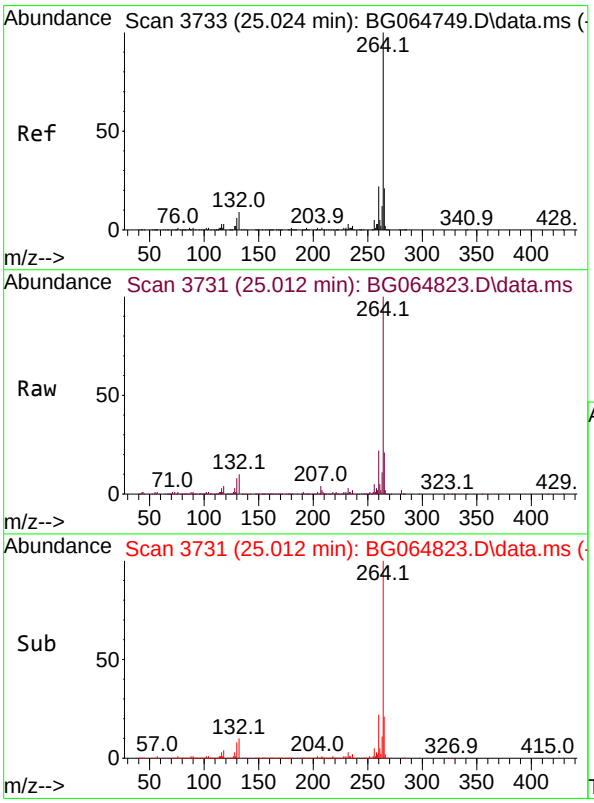
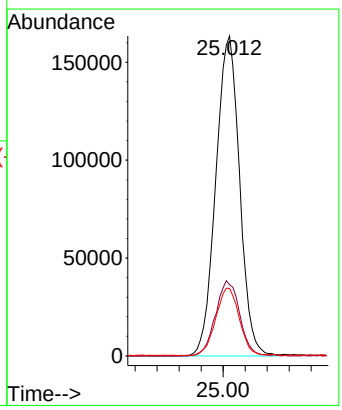
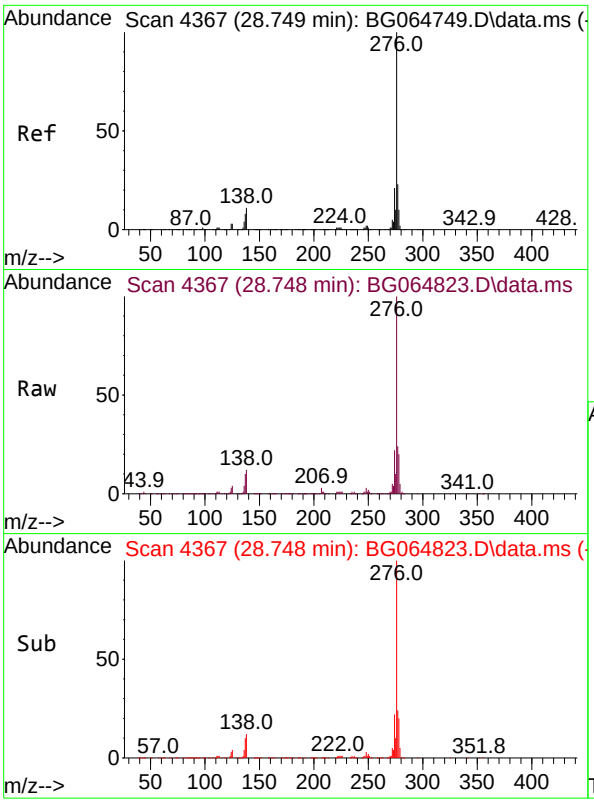


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:264 Resp: 490339

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.2	25.8
265	21.1	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.704 ng
RT: 28.748 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:276 Resp: 150598

Ion	Ratio	Lower	Upper
276	100		
138	8.0	4.5	6.7#
277	25.3	20.0	30.0

Instrument :
BNA_G
ClientSampleId :
PB170608BS

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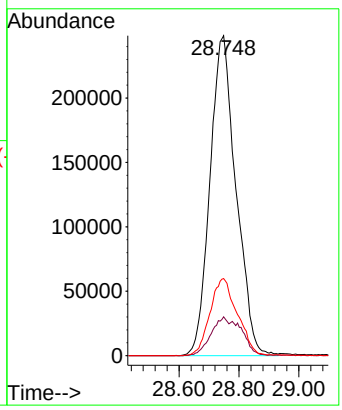
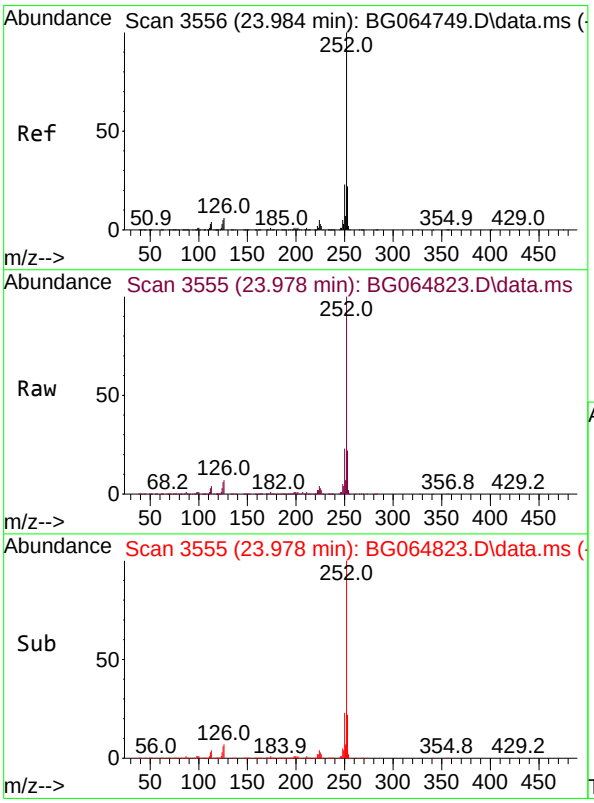
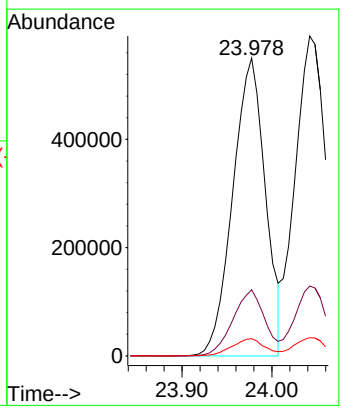


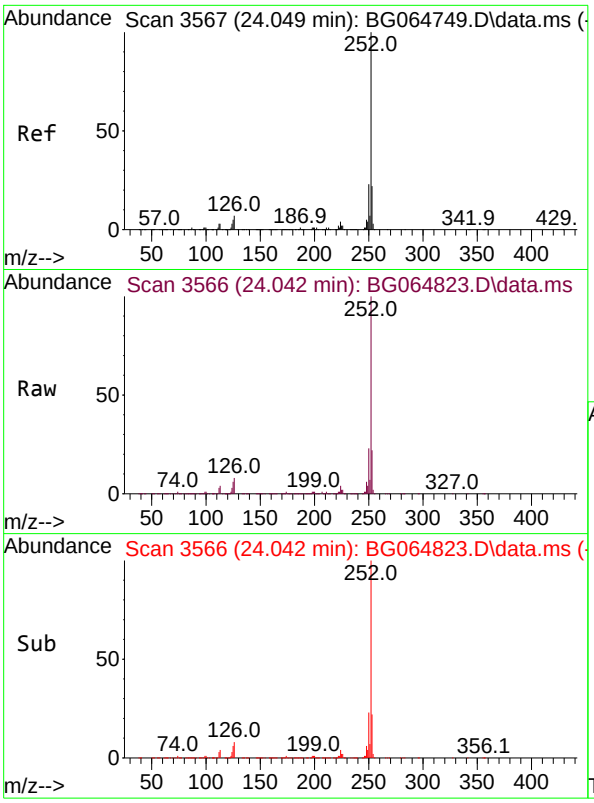


#88
Benzo(b)fluoranthene
Concen: 44.531 ng
RT: 23.978 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:252 Resp: 1389566

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	5.8	4.2	6.2





#89
Benzo(k)fluoranthene
Concen: 45.692 ng
RT: 24.042 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:252 Resp: 143243

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	5.7	4.1	6.1

Instrument :
BNA_G
ClientSampleId :
PB170608BS

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Reviewed By :Jagrut Upadhyay 11/20/2025
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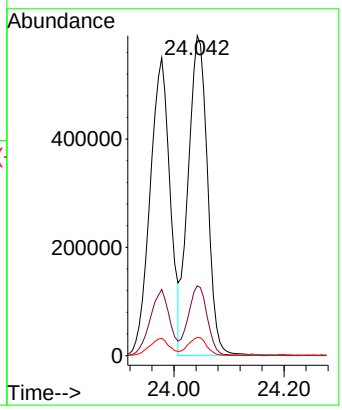
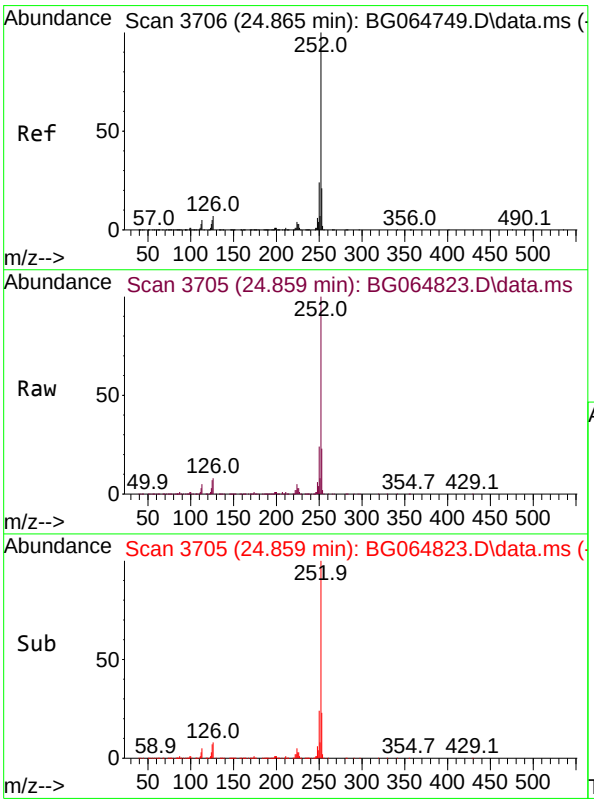
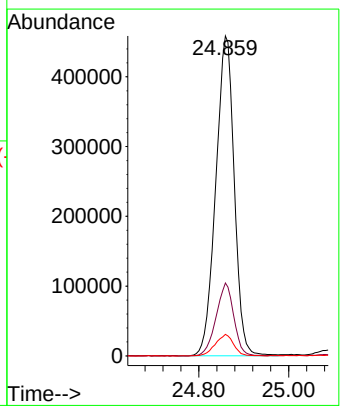


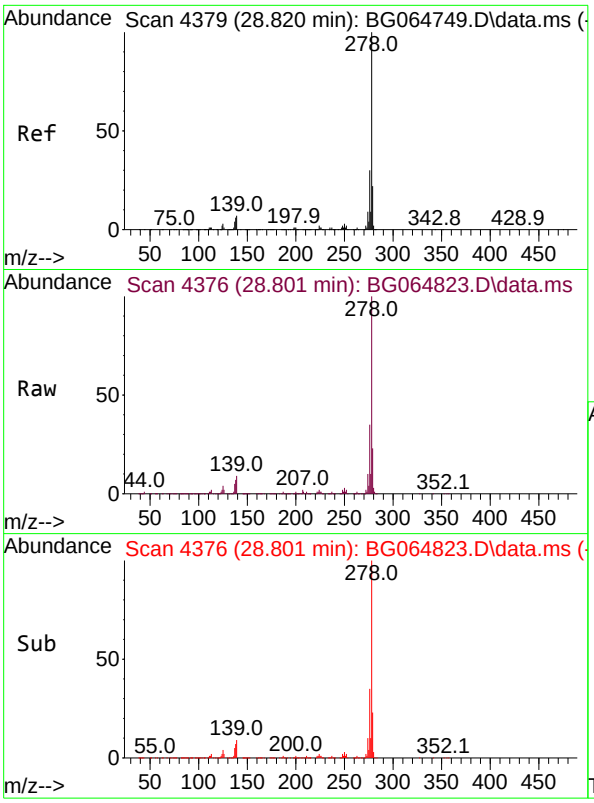


#90
Benzo(a)pyrene
Concen: 45.345 ng
RT: 24.859 min Scan# 3705
Delta R.T. -0.006 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:252 Resp: 1312561

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.9	25.3
125	6.7	4.2	6.4#

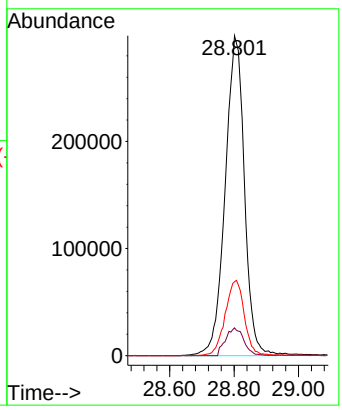




#91
Dibenzo(a,h)anthracene
Concen: 44.962 ng
RT: 28.801 min Scan# 4
Delta R.T. -0.018 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:278 Resp: 124085

Ion	Ratio	Lower	Upper
278	100		
139	8.7	5.8	8.8
279	23.1	17.3	25.9



Instrument :
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ClientSampleId :
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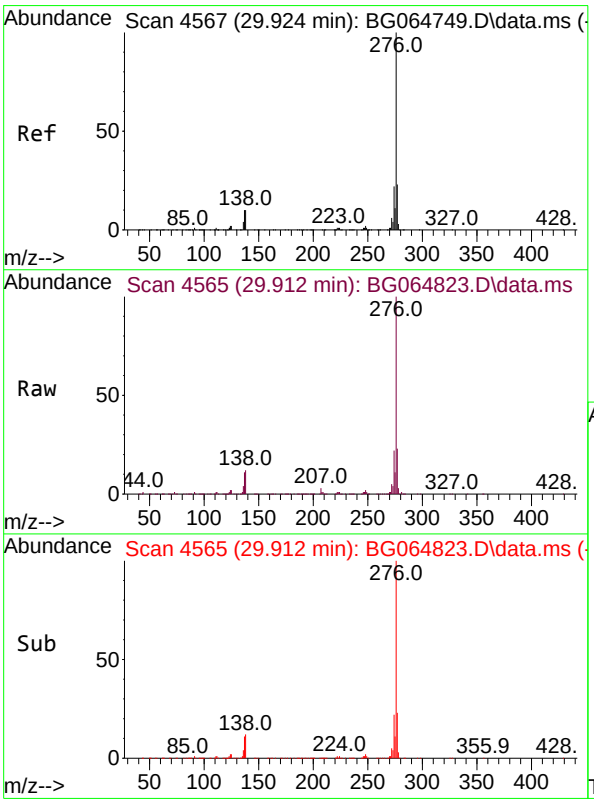
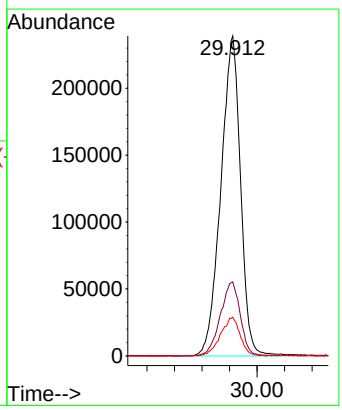


#92
Benzo(g,h,i)perylene
Concen: 44.610 ng
RT: 29.912 min Scan# 4565
Delta R.T. -0.012 min
Lab File: BG064823.D
Acq: 19 Nov 2025 20:06

Tgt Ion:276 Resp: 1184856

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.0	27.0
138	12.1	8.2	12.2