Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Oct 02 16:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	17301	20.000	ng		0.00
21) Naphthalene-d8	10.608	136	74573	20.000	ng	#	0.00
39) Acenaphthene-d10	14.450	164	60732	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	155342	20.000	ng		0.00
76) Chrysene-d12	21.407	240	162684	20.000	ng		0.00
86) Perylene-d12	24.380	264	169977	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	9220	9.863	ng		0.00
7) Phenol-d6	6.994	99	12069	9.607	ng		0.00
23) Nitrobenzene-d5	8.974	82	13416	9.673	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	11056	10.043	ng		0.00
45) 2-Fluorobiphenyl	13.070	172	41153	9.988	ng		0.00
79) Terphenyl-d14	19.803	244	86764	10.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	2293	6.201	ng	#	92
3) Pyridine	3.716	79	5300	5.333	ng		93
4) n-Nitrosodimethylamine	3.634	42	3498	4.855	ng	#	79
6) Aniline	7.153	93	8273	5.221	ng		90
8) 2-Chlorophenol	7.394	128	6000	5.227	ng		85
9) Benzaldehyde	6.965	77	4230	3.793	ng		86
10) Phenol	7.024	94	6564	4.953	ng		89
11) bis(2-Chloroethyl)ether	7.241	93	4832	5.384	ng		84
12) 1,3-Dichlorobenzene	7.717	146	6740	5.367	ng		95
13) 1,4-Dichlorobenzene	7.858	146	6514	5.169	ng		90
14) 1,2-Dichlorobenzene	8.169	146	6846	5.512	ng		96
15) Benzyl Alcohol	8.064	79	4887	4.224	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.340	45	7441	5.144	ng		89
17) 2-Methylphenol	8.263	107	4780	4.981	ng	#	80
18) Hexachloroethane	8.904	117	2534	5.094	ng		87
19) n-Nitroso-di-n-propyla...	8.622	70	4362	5.192	ng	#	84
20) 3+4-Methylphenols	8.592	107	6321	4.720	ng		97
22) Acetophenone	8.634	105	8878	4.917	ng	#	94
24) Nitrobenzene	9.015	77	7504	5.426	ng	#	96
25) Isophorone	9.538	82	12523	4.984	ng		97
26) 2-Nitrophenol	9.726	139	3668	5.329	ng		97
27) 2,4-Dimethylphenol	9.791	122	5155	4.903	ng		88
28) bis(2-Chloroethoxy)met...	10.026	93	5971	4.662	ng		93
29) 2,4-Dichlorophenol	10.261	162	6029	4.959	ng	#	82
30) 1,2,4-Trichlorobenzene	10.478	180	7136	5.383	ng		90
31) Naphthalene	10.661	128	19808	5.158	ng	#	94
32) Benzoic acid	9.920	122	360	0.446	ng	#	75
33) 4-Chloroaniline	10.772	127	7309	4.960	ng		96
34) Hexachlorobutadiene	10.948	225	6170	5.435	ng		98
35) Caprolactam	11.507	113	2339	5.620	ng	#	85
36) 4-Chloro-3-methylphenol	11.894	107	7360	4.978	ng	#	82
37) 2-Methylnaphthalene	12.270	142	14601	4.953	ng		97
38) 1-Methylnaphthalene	12.488	142	15610	5.311	ng		89
40) 1,2,4,5-Tetrachloroben...	12.641	216	9451	4.820	ng		97
41) Hexachlorocyclopentadiene	12.623	237	3235	3.154	ng		95
43) 2,4,6-Trichlorophenol	12.882	196	5944	4.742	ng		91

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Oct 02 16:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	6843	4.890 ng	#	96
46) 1,1'-Biphenyl	13.287	154	21854	5.003 ng		88
47) 2-Chloronaphthalene	13.322	162	15278	4.685 ng		95
48) 2-Nitroaniline	13.528	65	4571	4.107 ng	#	93
49) Acenaphthylene	14.168	152	24156	4.990 ng		95
50) Dimethylphthalate	13.904	163	23745	4.992 ng	#	96
51) 2,6-Dinitrotoluene	14.021	165	4429	4.470 ng		94
52) Acenaphthene	14.515	154	16816	5.000 ng		90
53) 3-Nitroaniline	14.356	138	4231	4.630 ng		83
54) 2,4-Dinitrophenol	14.574	184	1043	1.452 ng	#	63
55) Dibenzofuran	14.850	168	27888	5.022 ng	#	94
56) 4-Nitrophenol	14.679	139	2242	3.116 ng	#	83
57) 2,4-Dinitrotoluene	14.809	165	7310	4.826 ng	#	92
58) Fluorene	15.496	166	23055	4.994 ng	#	92
59) 2,3,4,6-Tetrachlorophenol	15.073	232	6653	4.658 ng	#	96
60) Diethylphthalate	15.267	149	26525	5.198 ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	13144	5.215 ng		97
62) 4-Nitroaniline	15.514	138	3481	3.655 ng	#	88
63) Azobenzene	15.778	77	20327	5.144 ng		97
65) 4,6-Dinitro-2-methylph...	15.578	198	3497	3.233 ng		92
66) n-Nitrosodiphenylamine	15.702	169	20960	5.053 ng		98
67) 4-Bromophenyl-phenylether	16.383	248	9144	5.002 ng		88
68) Hexachlorobenzene	16.501	284	9929	4.747 ng		99
69) Atrazine	16.654	200	9189	4.979 ng		92
70) Pentachlorophenol	16.853	266	3785	3.095 ng		91
71) Phenanthrene	17.229	178	41639	5.126 ng		97
72) Anthracene	17.229	178	41639	5.109 ng		96
73) Carbazole	17.594	167	34305	4.870 ng		97
74) Di-n-butylphthalate	18.152	149	42564	4.950 ng		100
75) Fluoranthene	19.239	202	49301	5.080 ng		98
77) Benzidine	19.427	184	12532	3.096 ng		96
78) Pyrene	19.603	202	52677	4.989 ng		99
80) Butylbenzylphthalate	20.496	149	17773	4.749 ng		92
81) Benzo(a)anthracene	21.389	228	52066	5.012 ng		94
82) 3,3'-Dichlorobenzidine	21.319	252	16536	4.703 ng	#	92
83) Chrysene	21.454	228	49843	5.060 ng		98
84) Bis(2-ethylhexyl)phtha...	21.319	149	24616	4.662 ng		100
85) Di-n-octyl phthalate	22.441	149	41767	4.706 ng		100
87) Indeno(1,2,3-cd)pyrene	27.723	276	58114	4.912 ng	#	89
88) Benzo(b)fluoranthene	23.510	252	48402	5.005 ng		99
89) Benzo(k)fluoranthene	23.510	252	48402	4.970 ng		99
90) Benzo(a)pyrene	24.239	252	43216	4.849 ng	#	95
91) Dibenzo(a,h)anthracene	27.788	278	44497	4.703 ng	#	96
92) Benzo(g,h,i)perylene	28.769	276	45019	4.896 ng	#	93

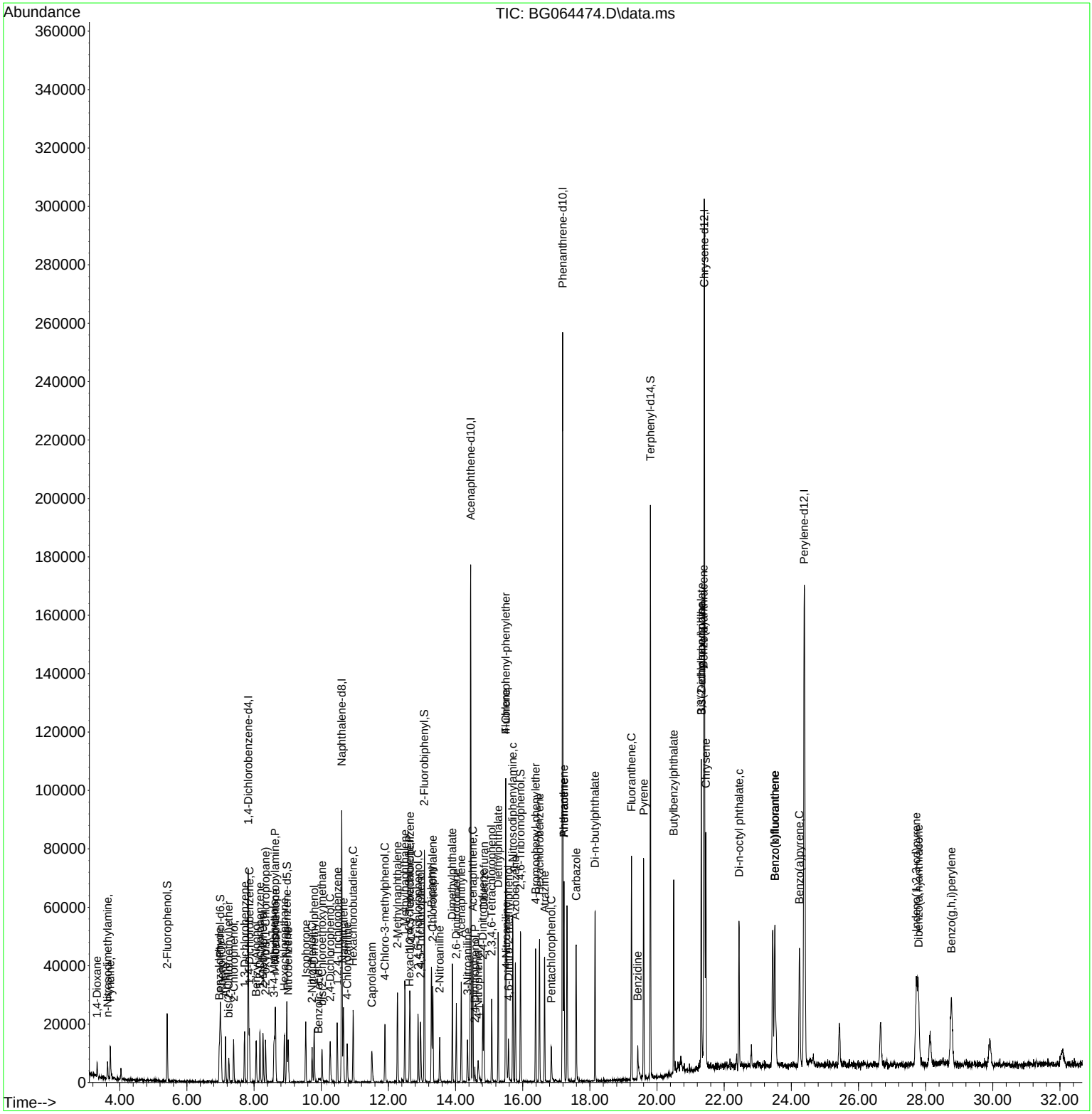
(#) = qualifier out of range (m) = manual integration (+) = signals summed

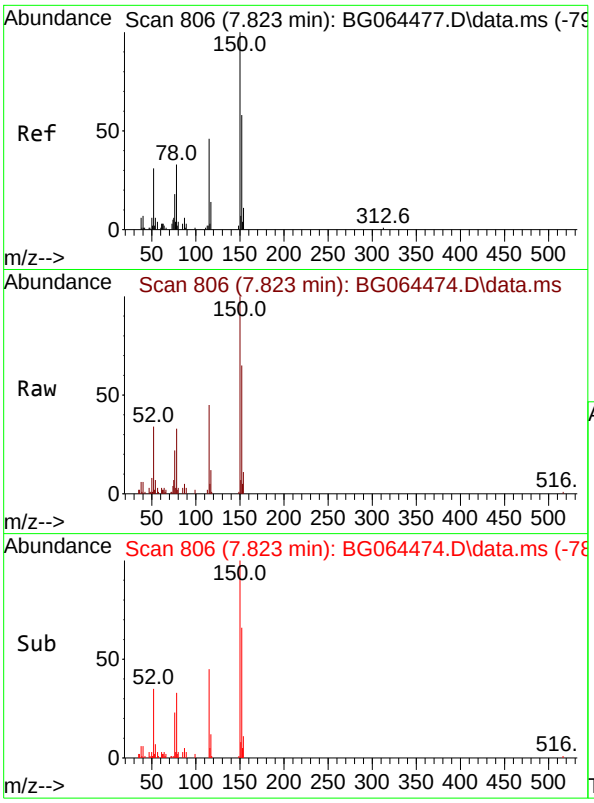
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
Data File : BG064474.D
Acq On : 2 Oct 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Oct 02 16:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



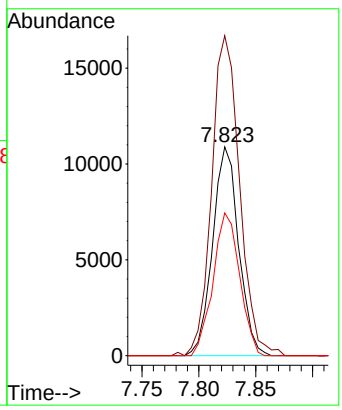


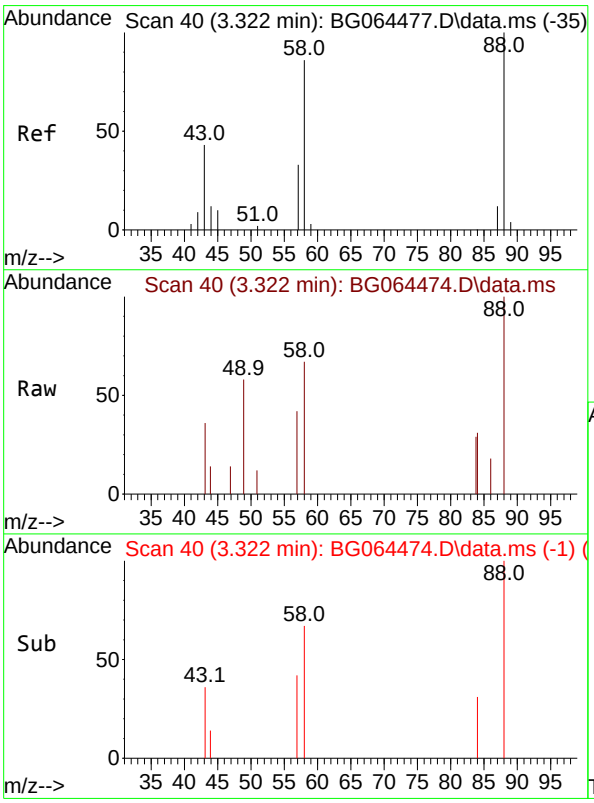
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 8(
Delta R.T. 0.003 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 17301

Ion	Ratio	Lower	Upper
152	100		
150	153.3	138.6	207.8
115	68.4	63.4	95.2

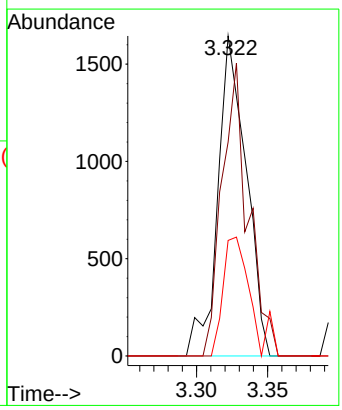


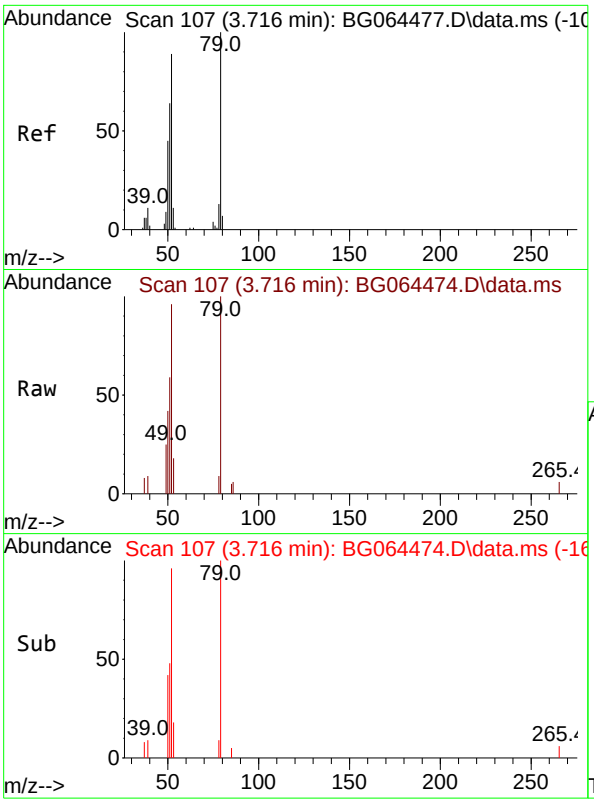


#2
1,4-Dioxane
Concen: 6.201 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 88 Resp: 2293

Ion	Ratio	Lower	Upper
88	100		
58	84.0	69.8	104.6
43	35.8	37.4	56.0#



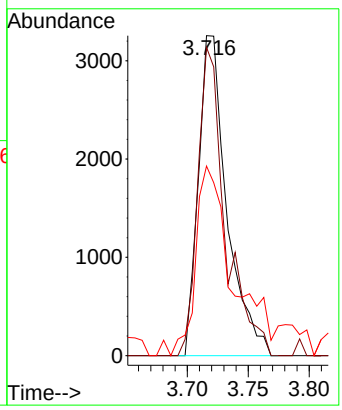


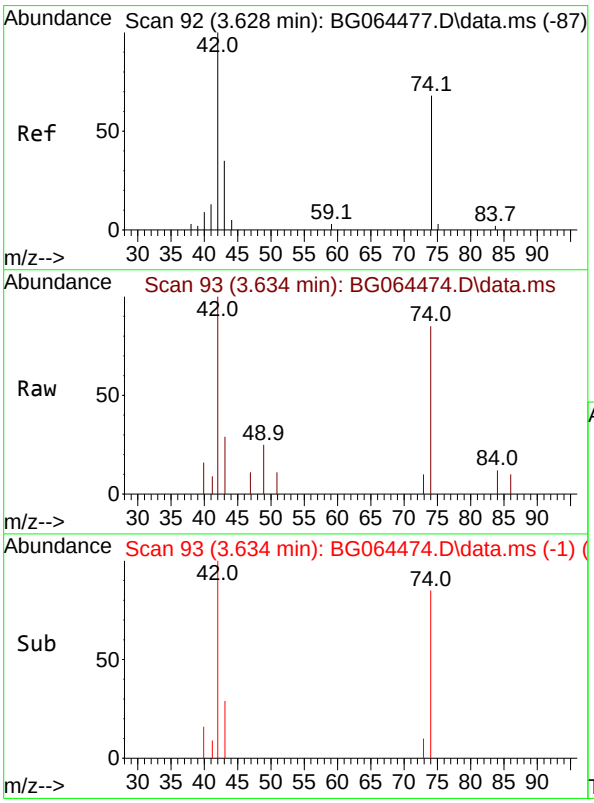
#3
Pyridine
Concen: 5.333 ng
RT: 3.716 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 5300

Ion	Ratio	Lower	Upper
79	100		
52	96.3	71.0	106.4
51	59.3	51.0	76.6

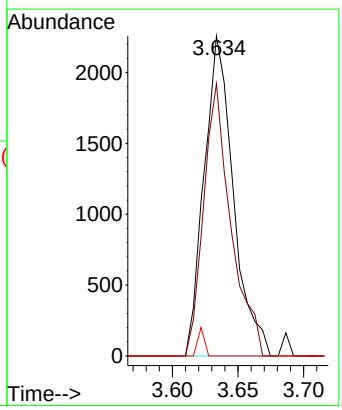


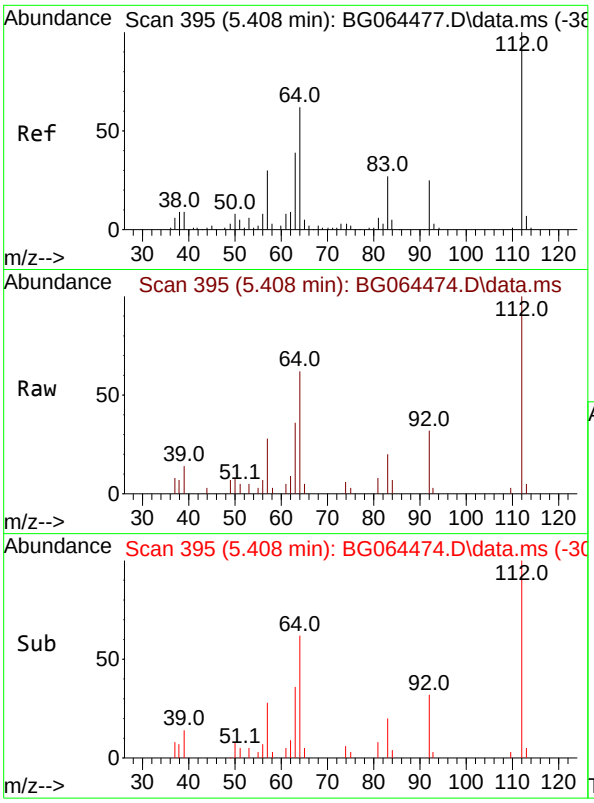


#4
n-Nitrosodimethylamine
Concen: 4.855 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 42 Resp: 3498

Ion	Ratio	Lower	Upper
42	100		
74	85.1	54.2	81.4#
44	0.0	4.2	6.2#



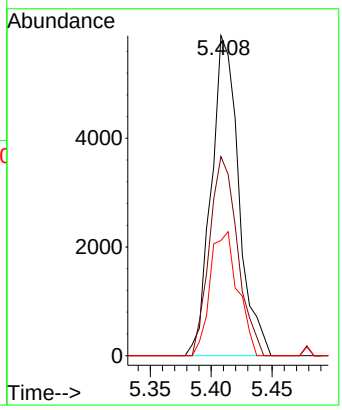


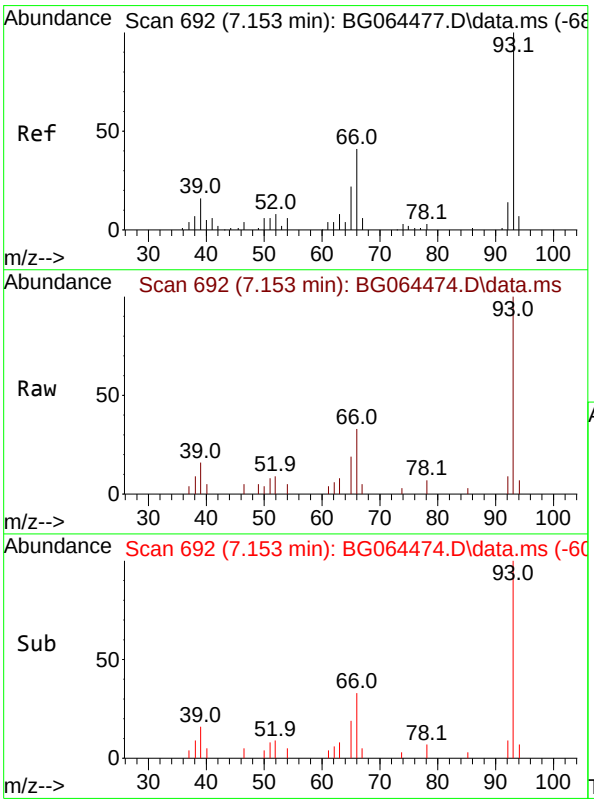
#5
2-Fluorophenol
Concen: 9.863 ng
RT: 5.408 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 9220

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.8	74.8
63	36.0	31.3	46.9

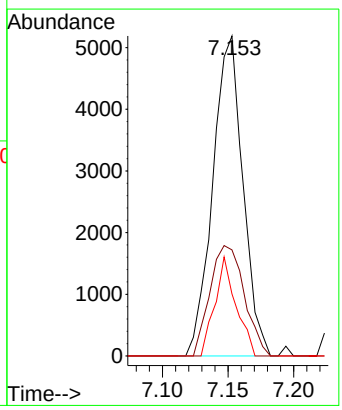


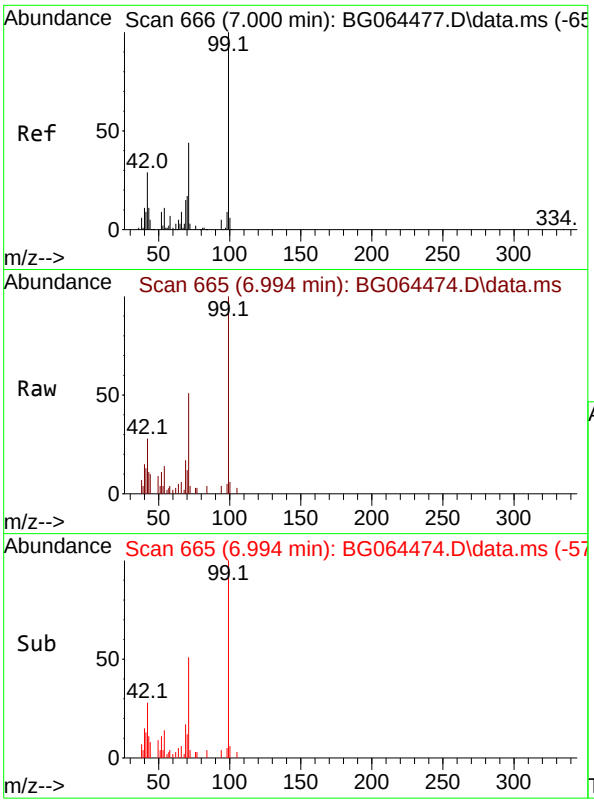


#6
Aniline
Concen: 5.221 ng
RT: 7.153 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 93 Resp: 8273

Ion	Ratio	Lower	Upper
93	100		
66	33.1	33.0	49.4
65	19.4	17.5	26.3



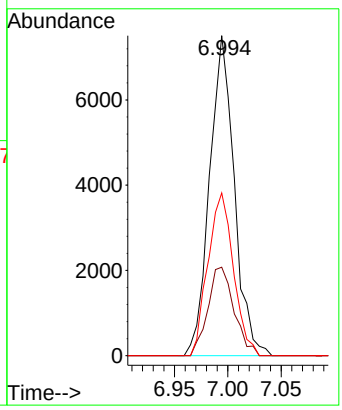


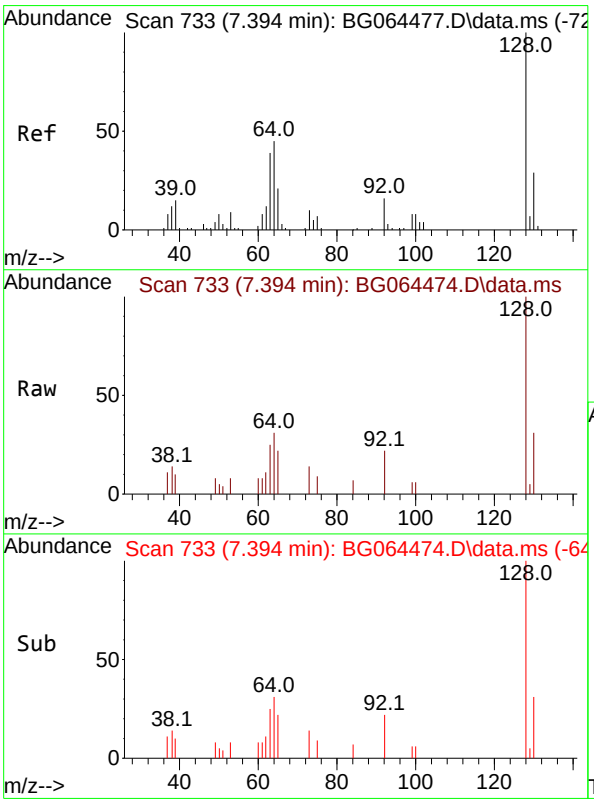
#7
Phenol-d6
Concen: 9.607 ng
RT: 6.994 min Scan# 6
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 12069

Ion	Ratio	Lower	Upper
99	100		
42	27.7	22.9	34.3
71	50.8	35.4	53.2

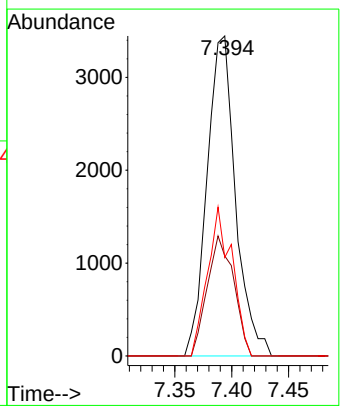


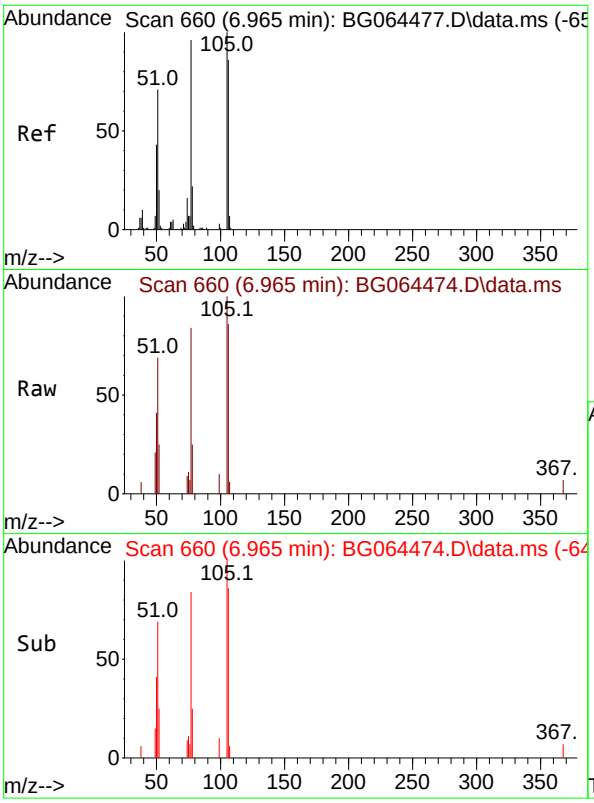


#8
2-Chlorophenol
Concen: 5.227 ng
RT: 7.394 min Scan# 733
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:128 Resp: 6000

Ion	Ratio	Lower	Upper
128	100		
130	31.3	9.2	49.2
64	30.8	25.5	65.5



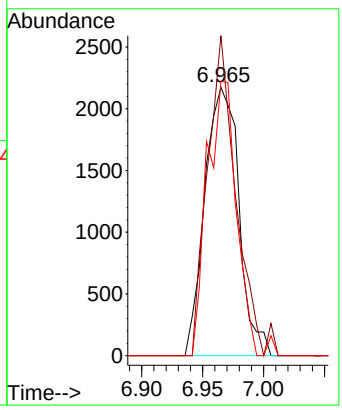


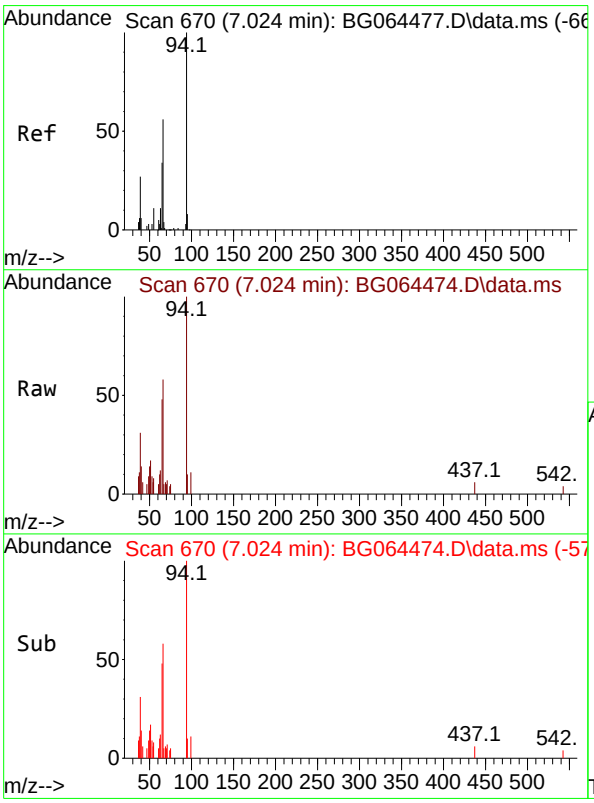
#9
Benzaldehyde
Concen: 3.793 ng
RT: 6.965 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 4230

Ion	Ratio	Lower	Upper
77	100		
105	119.2	83.7	123.7
106	102.2	69.4	109.4

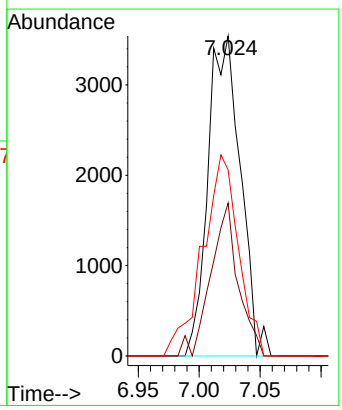


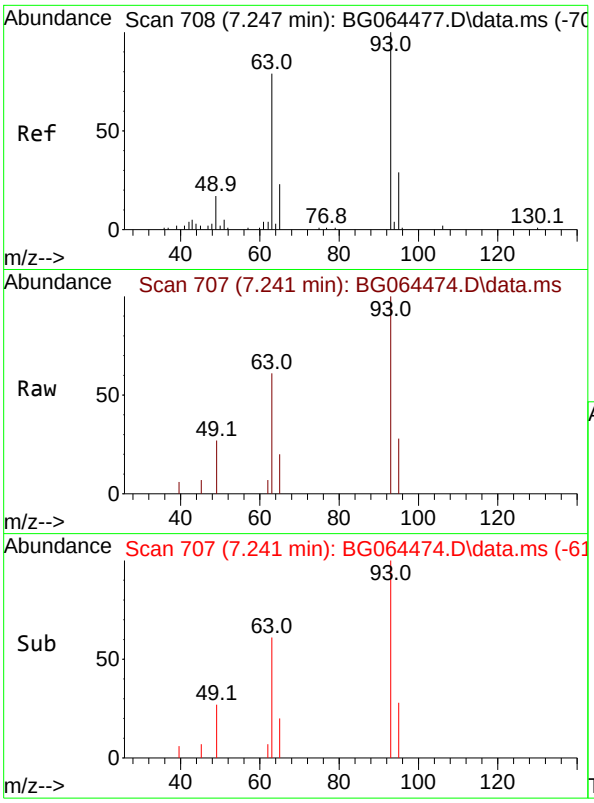


#10
Phenol
Concen: 4.953 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 94 Resp: 6564

Ion	Ratio	Lower	Upper
94	100		
65	47.8	14.8	54.8
66	58.1	41.4	81.4



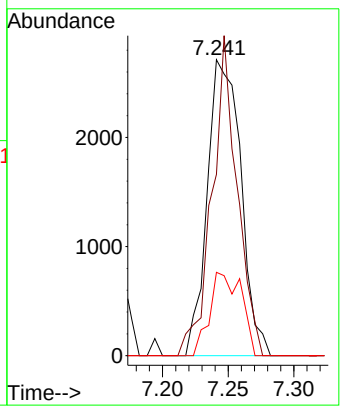


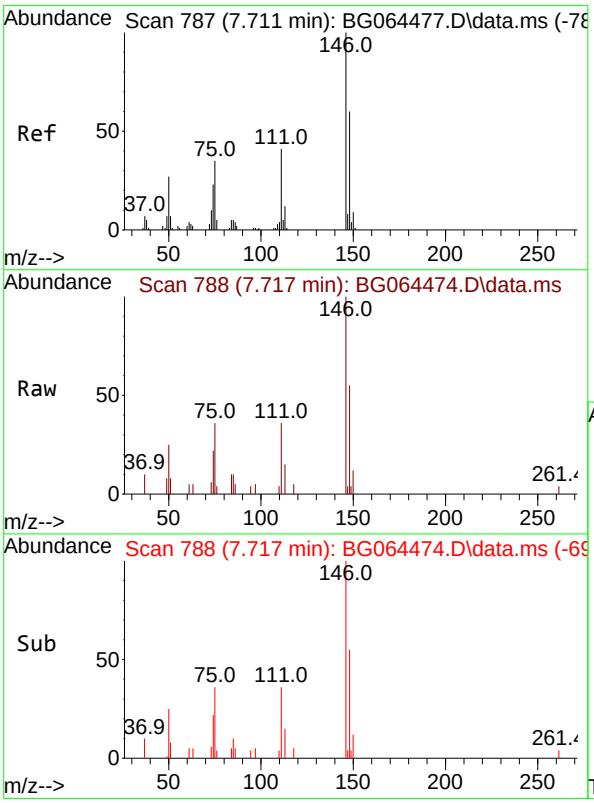
#11
bis(2-Chloroethyl)ether
Concen: 5.384 ng
RT: 7.241 min Scan# 7(
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 4832

Ion	Ratio	Lower	Upper
93	100		
63	61.2	59.5	99.5
95	28.2	8.8	48.8

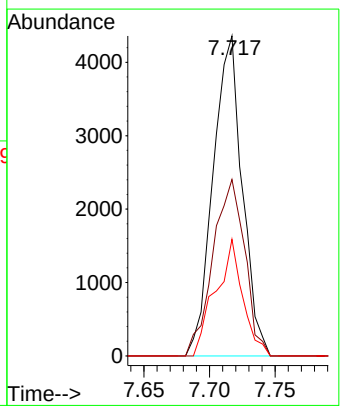


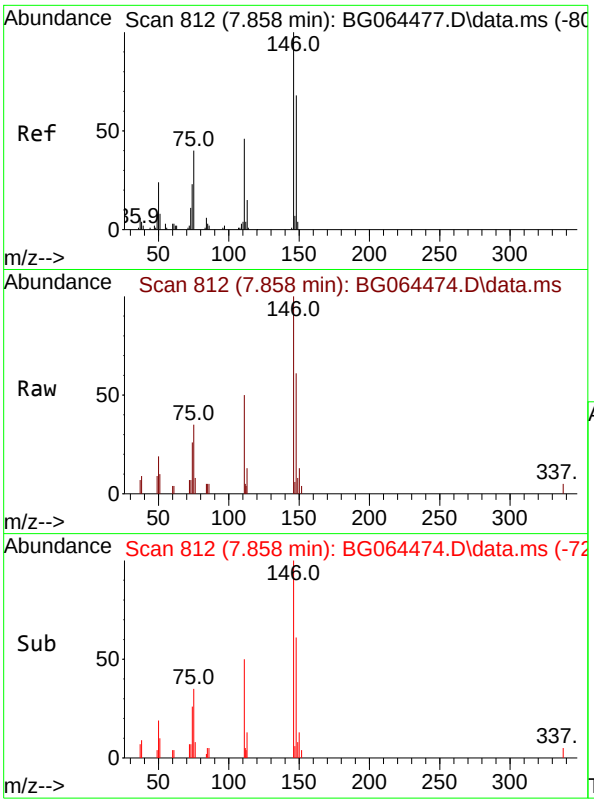


#12
1,3-Dichlorobenzene
Concen: 5.367 ng
RT: 7.717 min Scan# 788
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:146 Resp: 6740

Ion	Ratio	Lower	Upper
146	100		
148	55.2	48.4	72.6
75	36.5	28.3	42.5



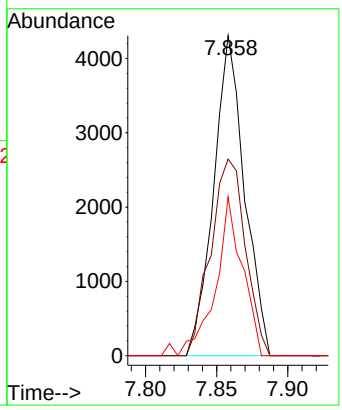


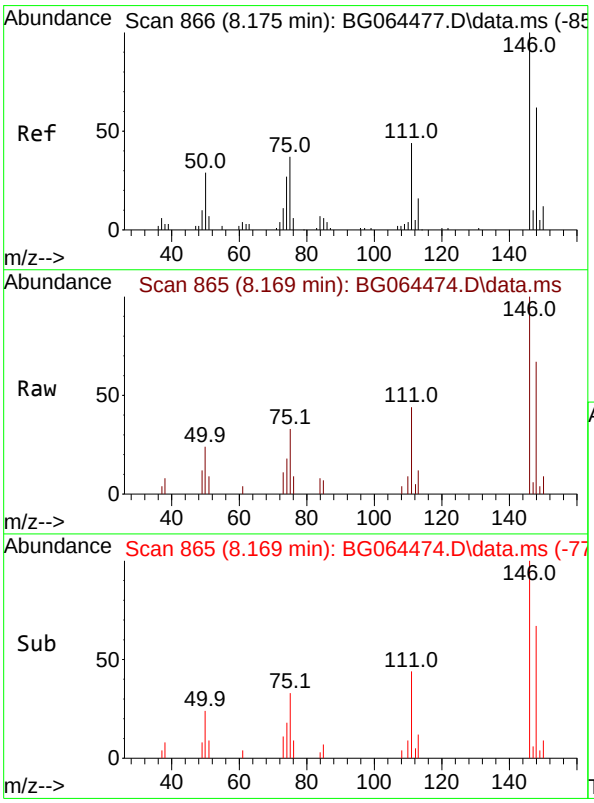
#13
1,4-Dichlorobenzene
Concen: 5.169 ng
RT: 7.858 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 6514

Ion	Ratio	Lower	Upper
146	100		
148	61.4	54.4	81.6
111	54.2	36.5	54.7

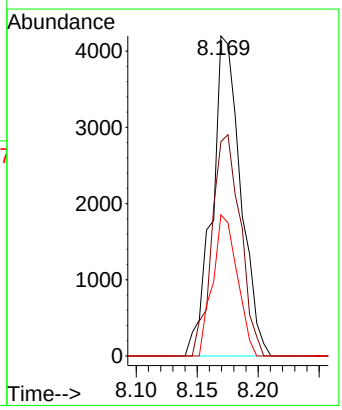


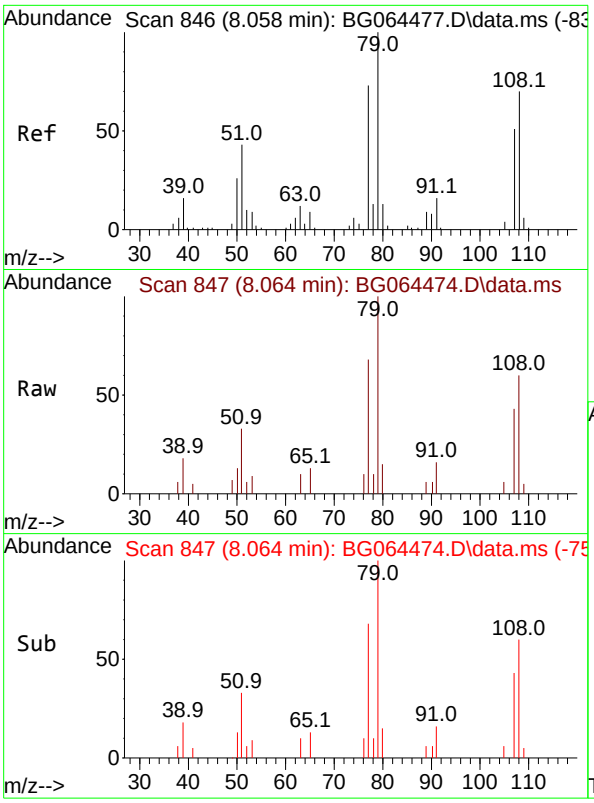


#14
1,2-Dichlorobenzene
Concen: 5.512 ng
RT: 8.169 min Scan# 865
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:146 Resp: 6846

Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.0	75.0
111	44.1	35.0	52.4



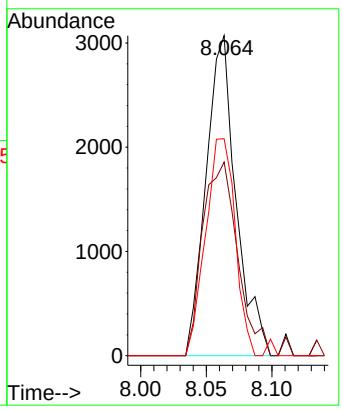


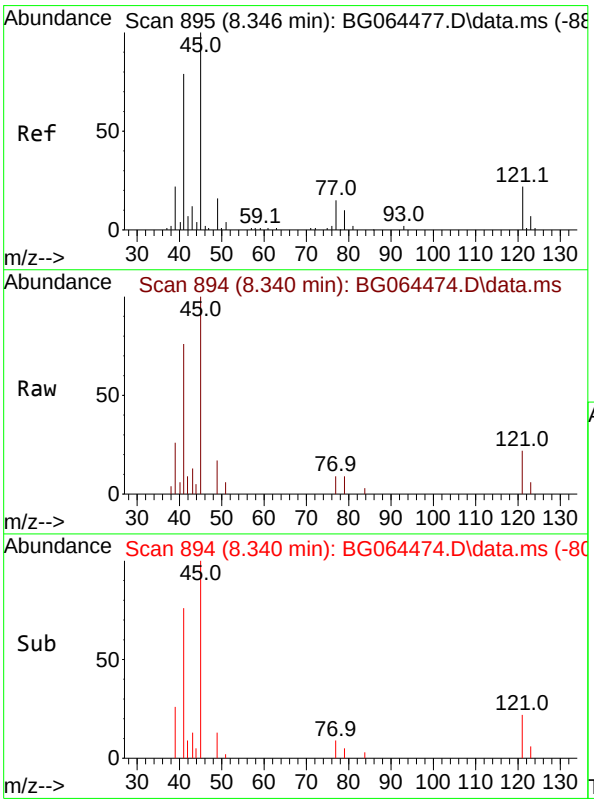
#15
Benzyl Alcohol
Concen: 4.224 ng
RT: 8.064 min Scan# 84
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 4887

Ion	Ratio	Lower	Upper
79	100		
108	60.5	56.4	84.6
77	67.8	58.3	87.5

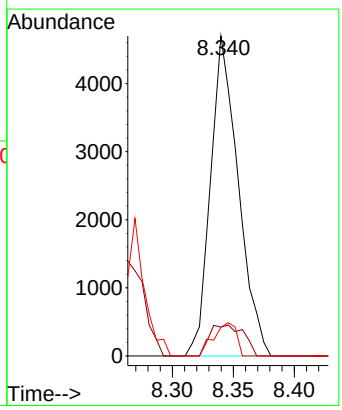


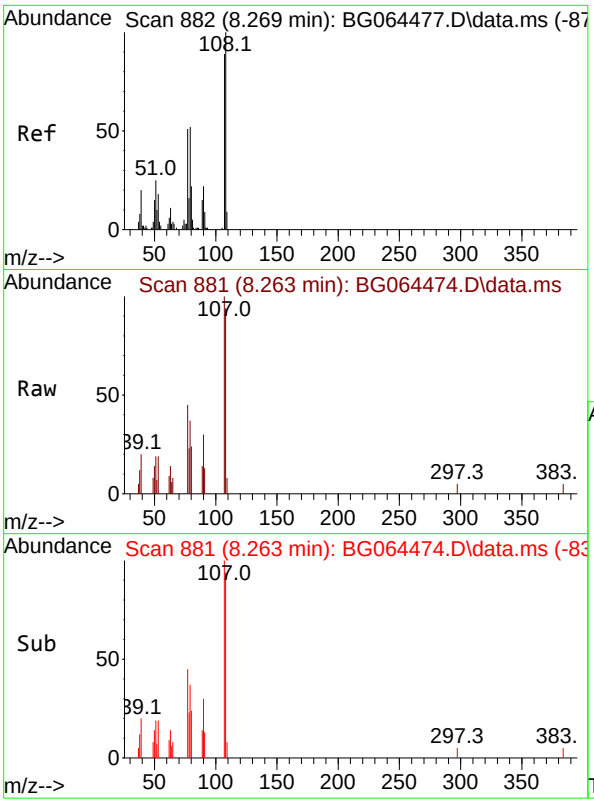


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.144 ng
RT: 8.340 min Scan# 894
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 45 Resp: 7441

Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	35.6
79	9.0	0.0	30.7



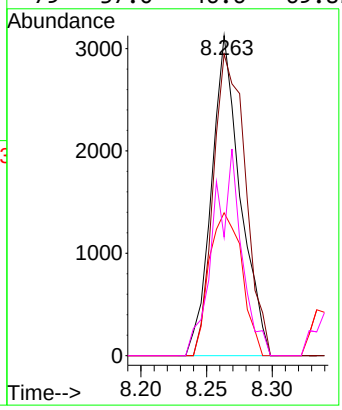


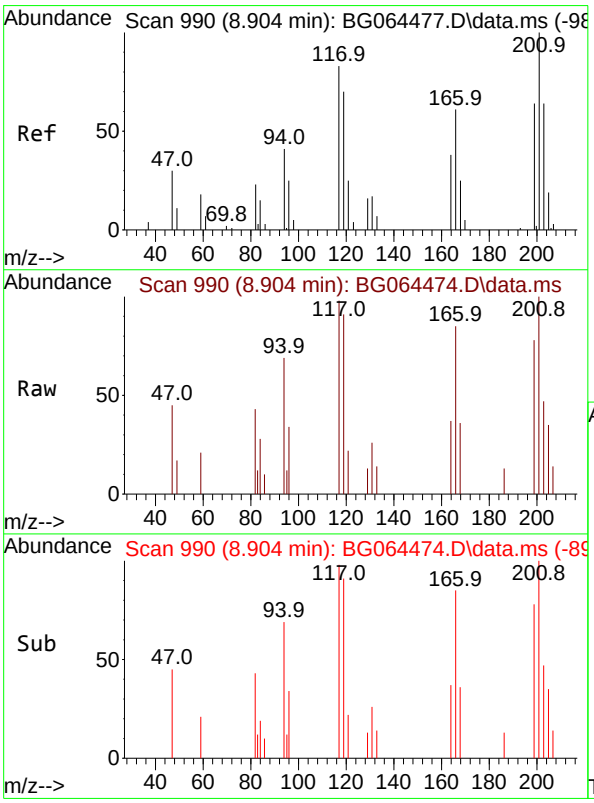
#17
2-Methylphenol
Concen: 4.981 ng
RT: 8.263 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 4780

Ion	Ratio	Lower	Upper
107	100		
108	94.3	90.3	135.5
77	44.6	46.0	69.0#
79	37.0	46.6	69.8#

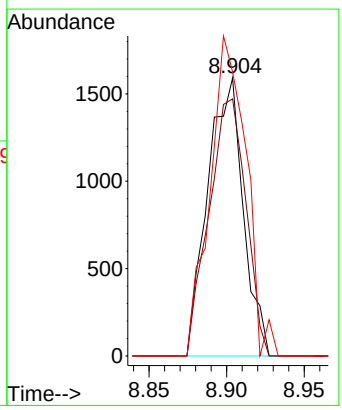


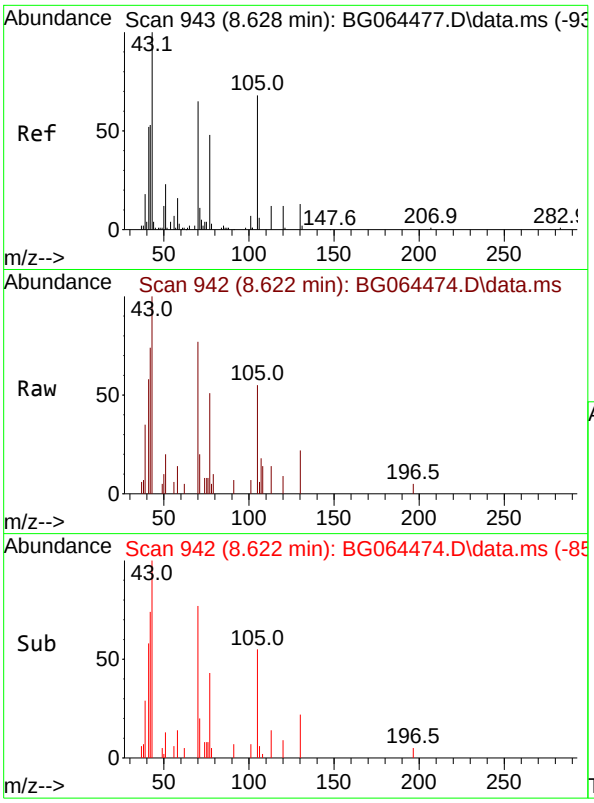


#18
Hexachloroethane
Concen: 5.094 ng
RT: 8.904 min Scan# 990
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:117 Resp: 2534

Ion	Ratio	Lower	Upper
117	100		
119	92.5	67.4	101.0
201	102.2	95.9	143.9



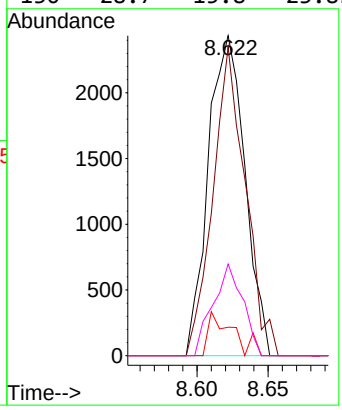


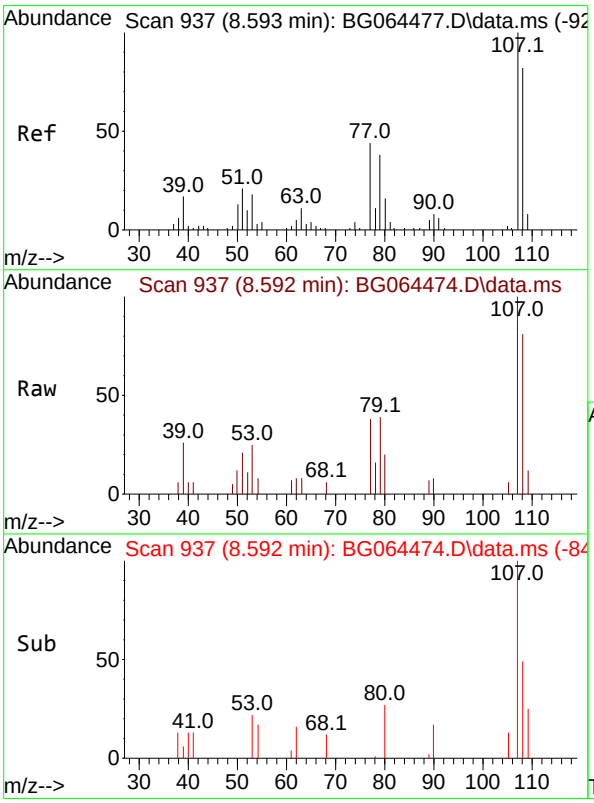
#19
n-Nitroso-di-n-propylamine
Concen: 5.192 ng
RT: 8.622 min Scan# 94
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 4362

Ion	Ratio	Lower	Upper
70	100		
42	96.4	64.9	97.3
101	8.9	8.7	13.1
130	28.7	15.8	23.8#

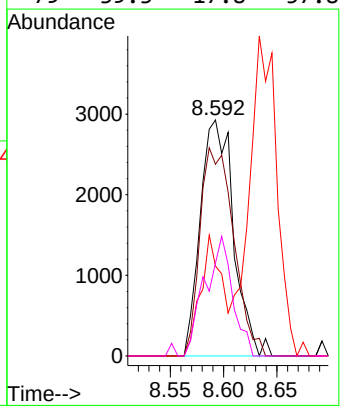


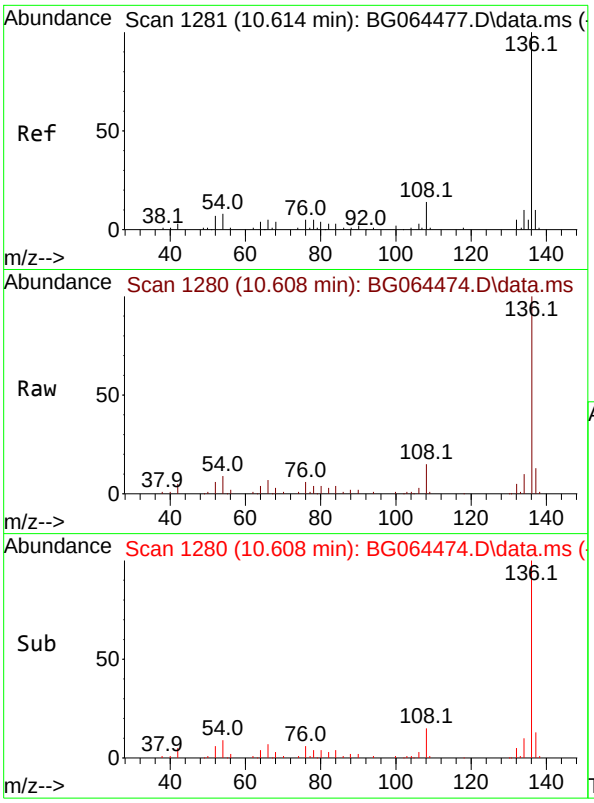


#20
3+4-Methylphenols
Concen: 4.720 ng
RT: 8.592 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:107 Resp: 6321

Ion	Ratio	Lower	Upper
107	100		
108	81.3	62.1	102.1
77	38.1	23.5	63.5
79	39.3	17.8	57.8



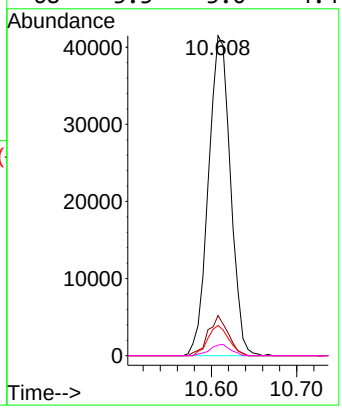


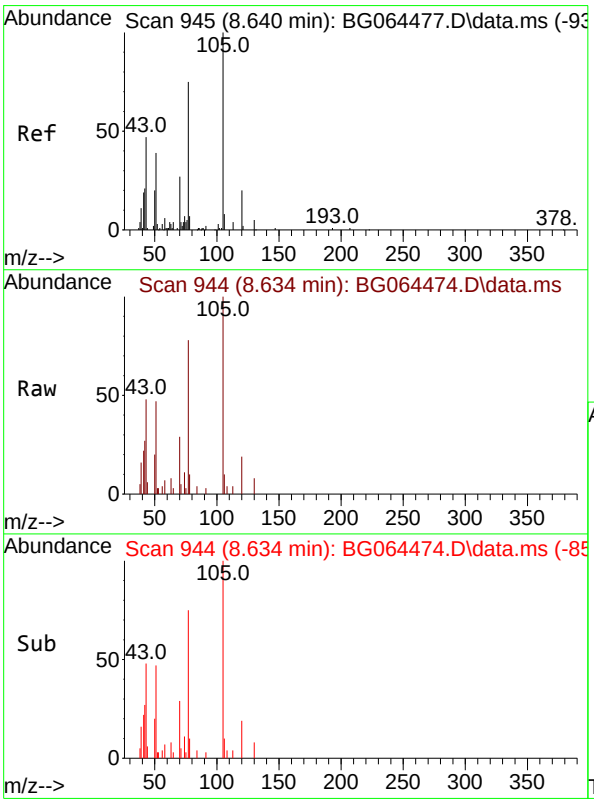
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 74573

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.3	12.5#
54	9.4	6.2	9.4#
68	3.3	3.0	4.4

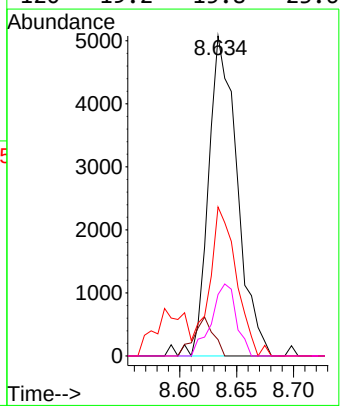


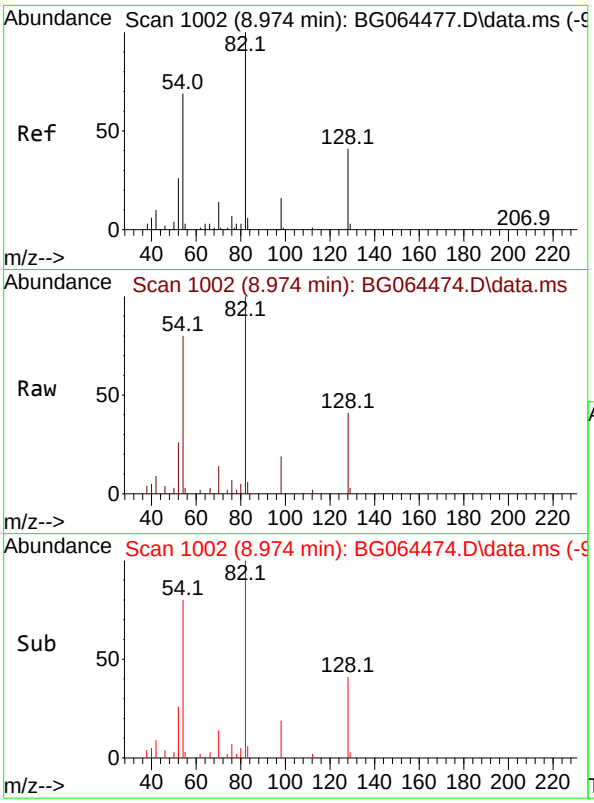


#22
Acetophenone
Concen: 4.917 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:105 Resp: 8878

Ion	Ratio	Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	46.6	33.0	49.4
120	19.2	15.8	23.6



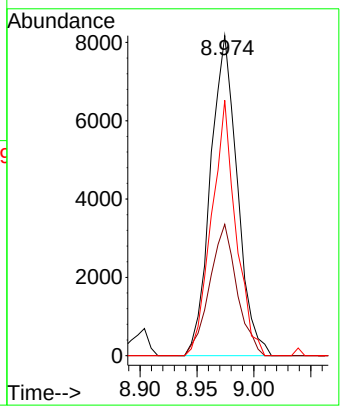


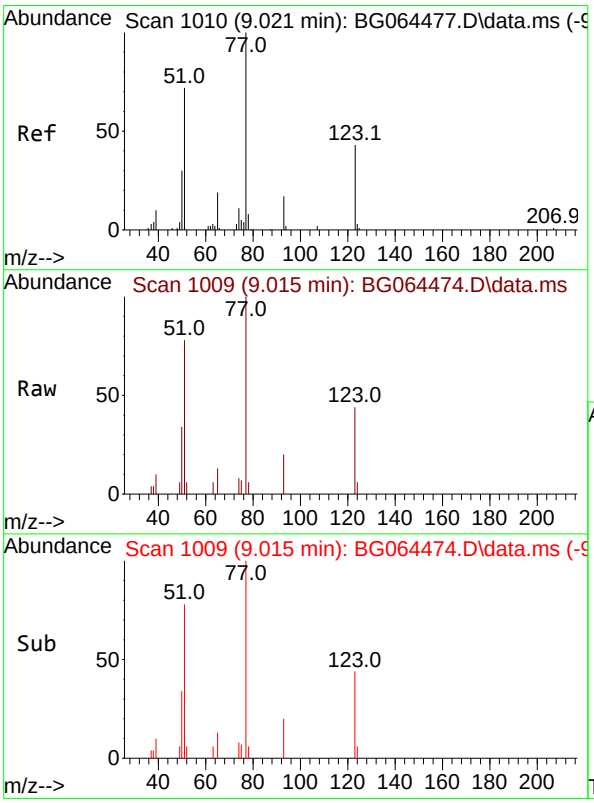
#23
Nitrobenzene-d5
Concen: 9.673 ng
RT: 8.974 min Scan# 1(
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 13416

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.1	49.7
54	79.8	55.4	83.2

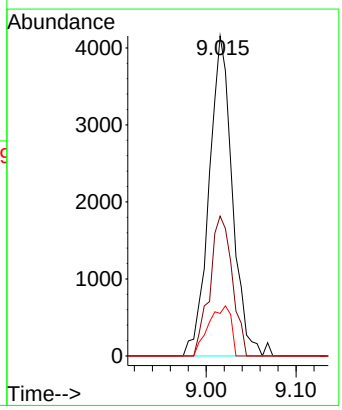


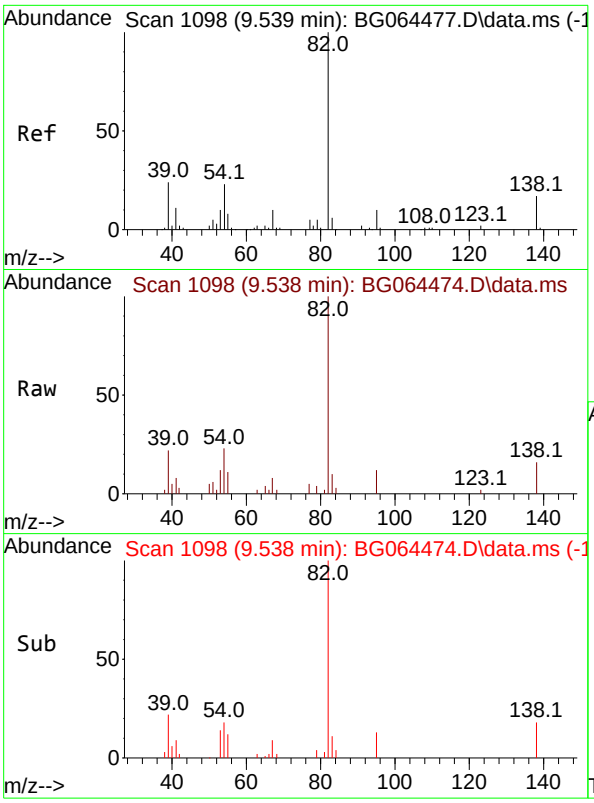


#24
Nitrobenzene
Concen: 5.426 ng
RT: 9.015 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 77 Resp: 7504

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.4	51.6
65	13.3	14.8	22.2#



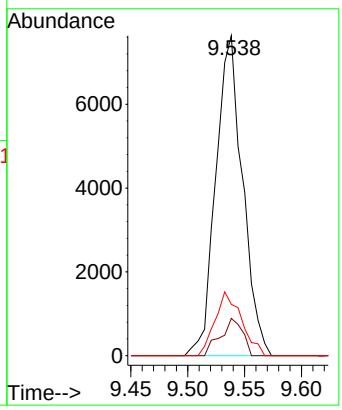


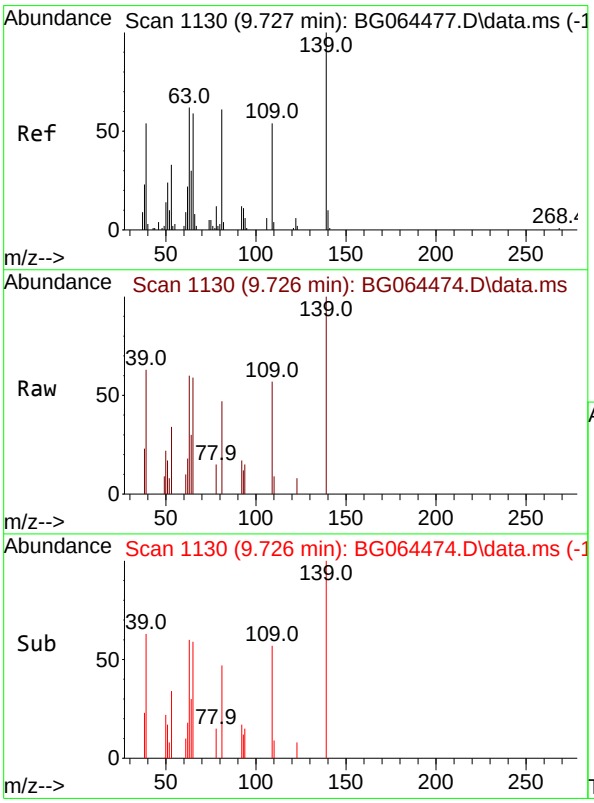
#25
Isophorone
Concen: 4.984 ng
RT: 9.538 min Scan# 1(
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 12523

Ion	Ratio	Lower	Upper
82	100		
95	11.7	7.8	11.8
138	16.1	13.8	20.6

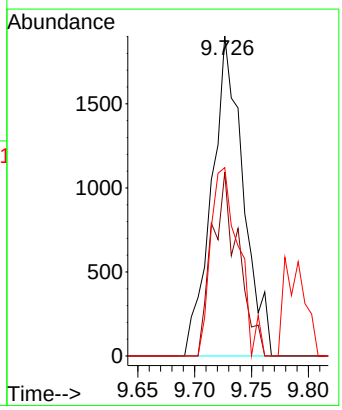


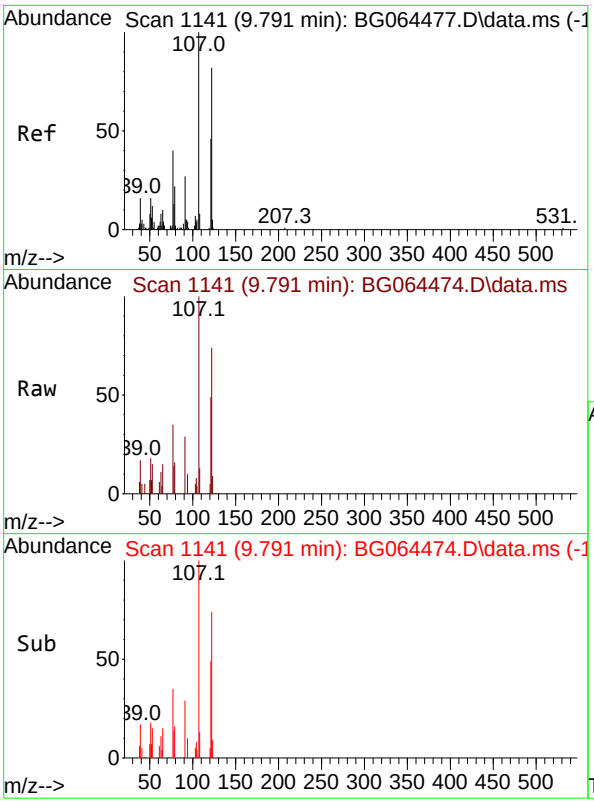


#26
2-Nitrophenol
Concen: 5.329 ng
RT: 9.726 min Scan# 1130
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:139 Resp: 3668

Ion	Ratio	Lower	Upper
139	100		
109	57.4	43.0	64.6
65	58.9	47.4	71.2



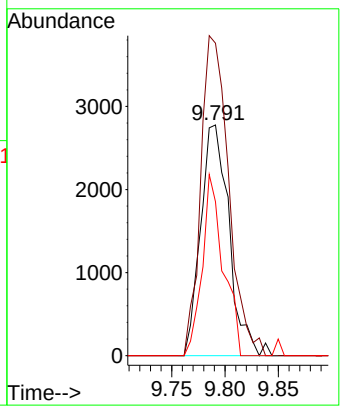


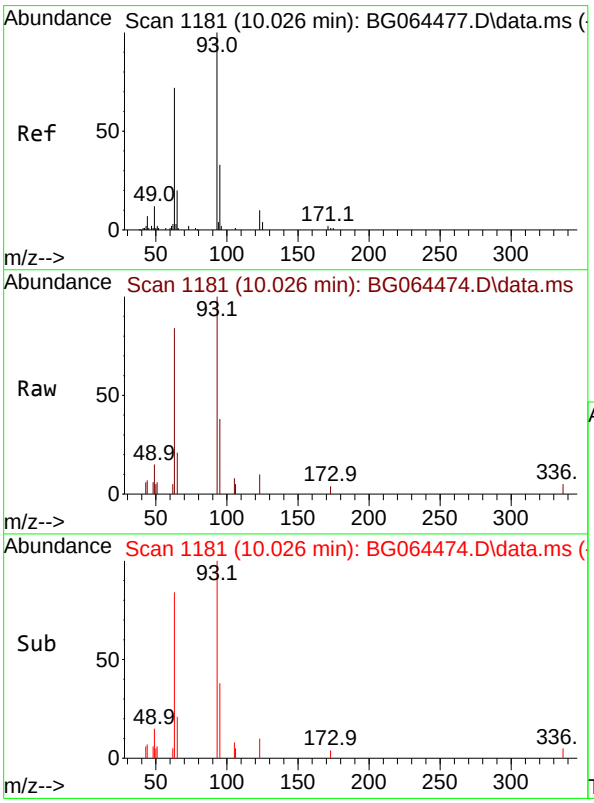
#27
2,4-Dimethylphenol
Concen: 4.903 ng
RT: 9.791 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 5155

Ion	Ratio	Lower	Upper
122	100		
107	135.4	98.3	147.5
121	66.7	44.7	67.1

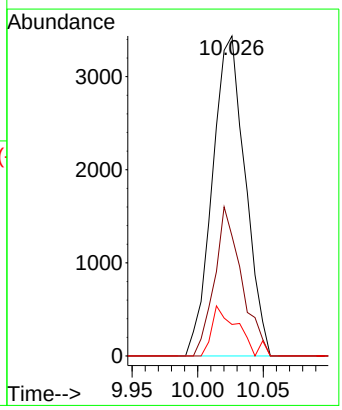


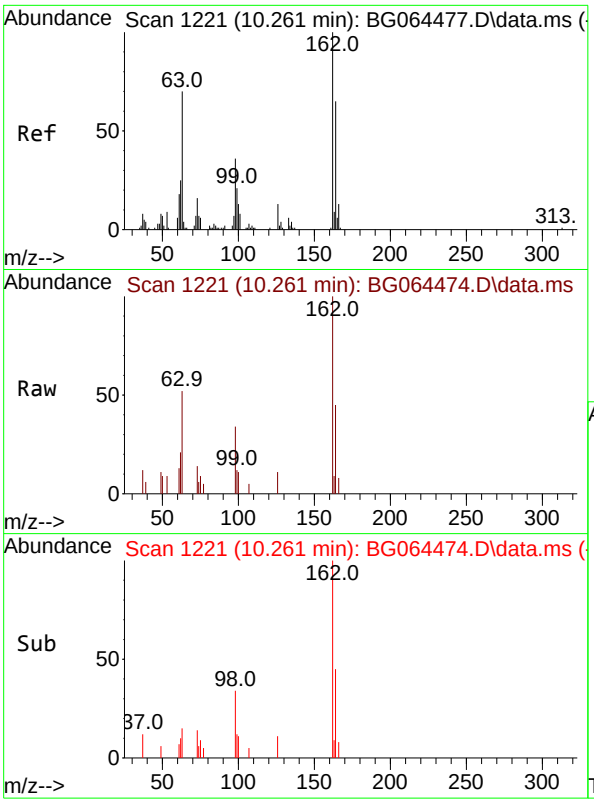


#28
bis(2-Chloroethoxy)methane
Concen: 4.662 ng
RT: 10.026 min Scan# 1181
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 93 Resp: 5971

Ion	Ratio	Lower	Upper
93	100		
95	37.5	26.5	39.7
123	9.9	8.9	13.3



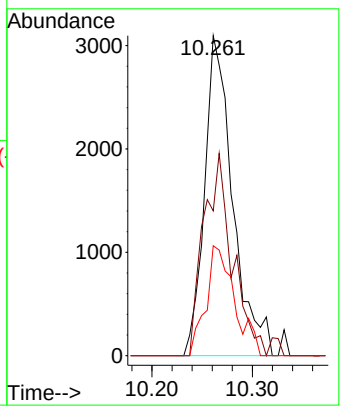


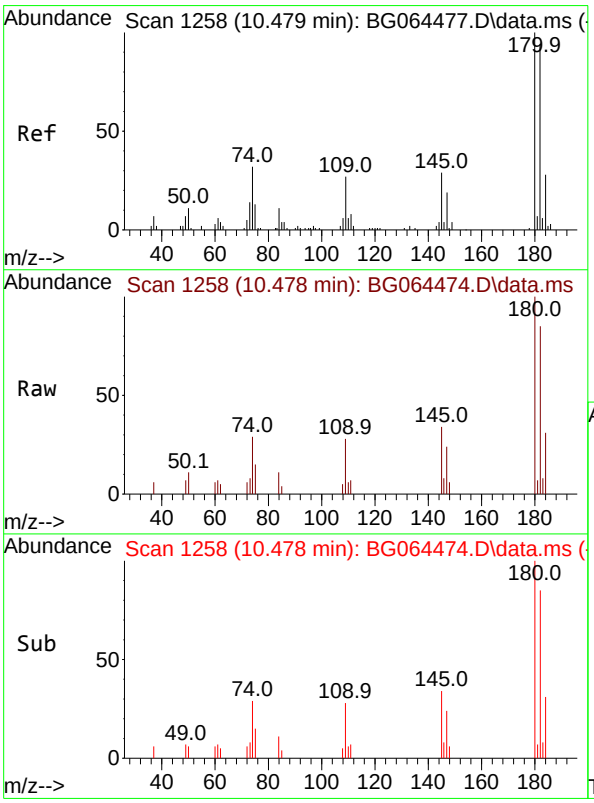
#29
2,4-Dichlorophenol
Concen: 4.959 ng
RT: 10.261 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 6029

Ion	Ratio	Lower	Upper
162	100		
164	45.3	45.4	85.4#
98	34.3	16.4	56.4

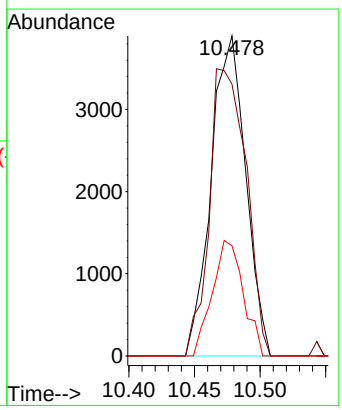


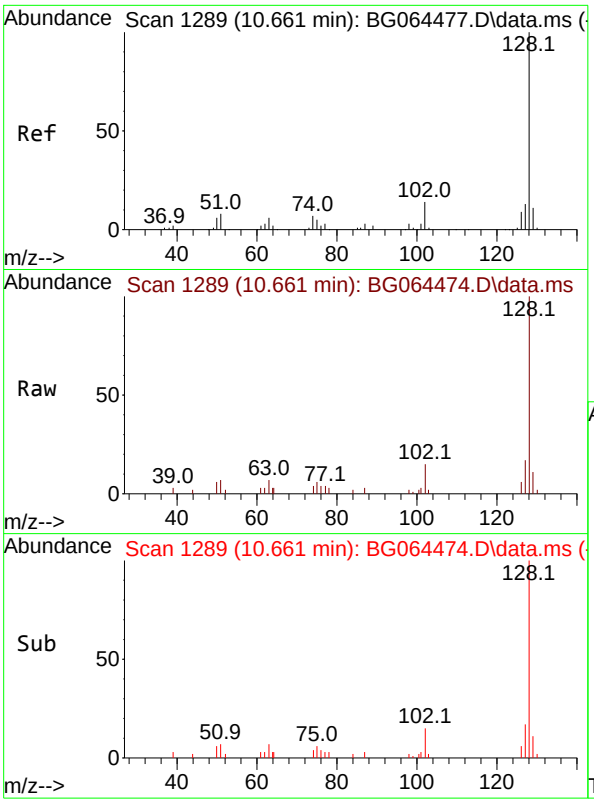


#30
1,2,4-Trichlorobenzene
Concen: 5.383 ng
RT: 10.478 min Scan# 1258
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:180 Resp: 7136

Ion	Ratio	Lower	Upper
180	100		
182	85.0	75.4	113.2
145	34.5	23.2	34.8



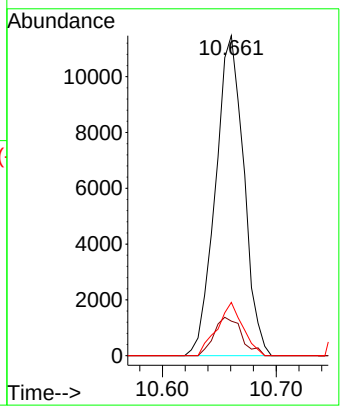


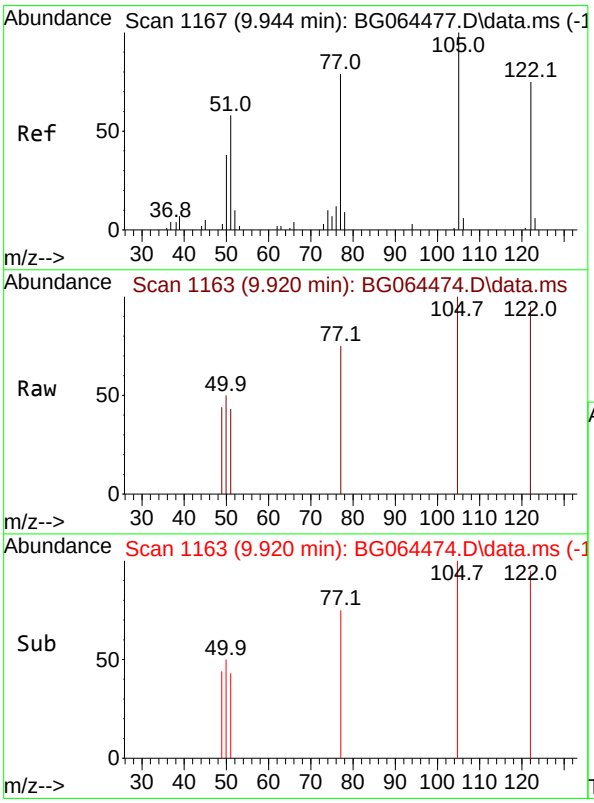
#31
Naphthalene
Concen: 5.158 ng
RT: 10.661 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 19808

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	16.7	10.2	15.2#

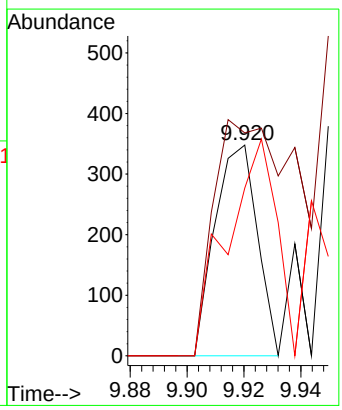


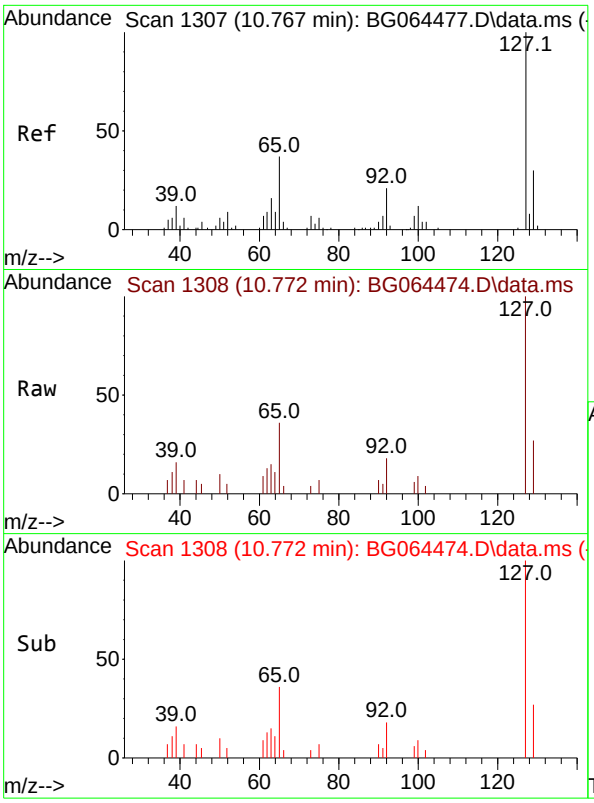


#32
Benzoic acid
Concen: 0.446 ng
RT: 9.920 min Scan# 1163
Delta R.T. 0.032 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:122 Resp: 360

Ion	Ratio	Lower	Upper
122	100		
105	105.7	113.9	153.9#
77	79.6	86.1	126.1#



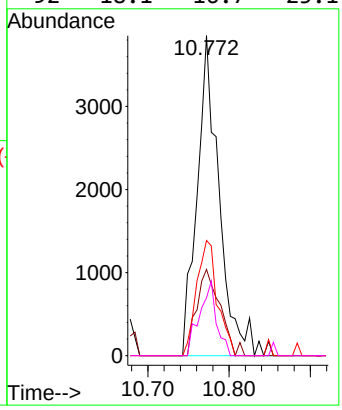


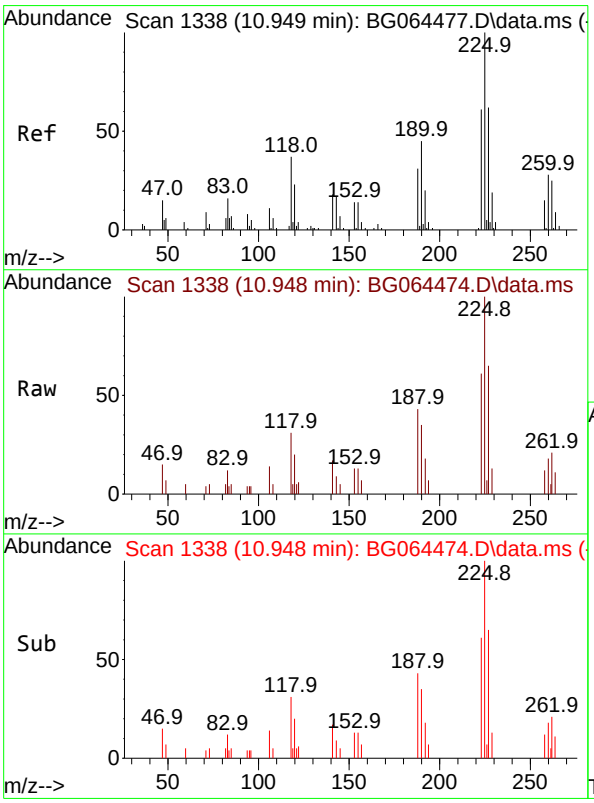
#33
4-Chloroaniline
Concen: 4.960 ng
RT: 10.772 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 7309

Ion	Ratio	Lower	Upper
127	100		
129	26.9	24.2	36.4
65	36.0	29.6	44.4
92	18.1	16.7	25.1

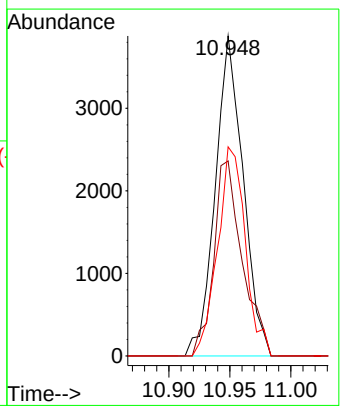


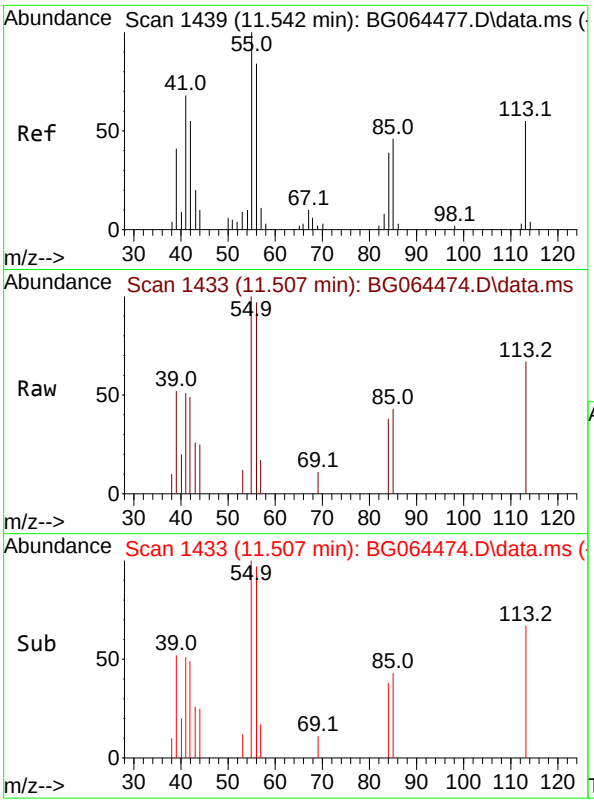


#34
Hexachlorobutadiene
Concen: 5.435 ng
RT: 10.948 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:225 Resp: 6170

Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.0	73.6
227	65.4	49.9	74.9



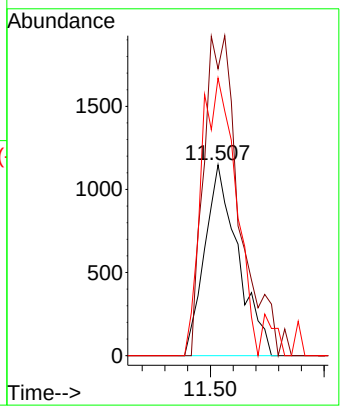


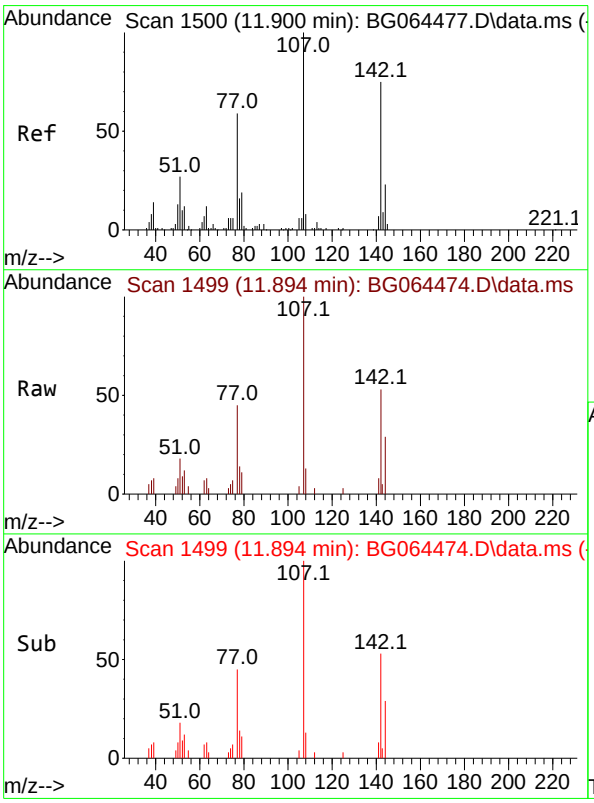
#35
Caprolactam
Concen: 5.620 ng
RT: 11.507 min Scan# 14
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 2339

Ion	Ratio	Lower	Upper
113	100		
55	150.3	162.0	202.0#
56	145.5	134.6	174.6

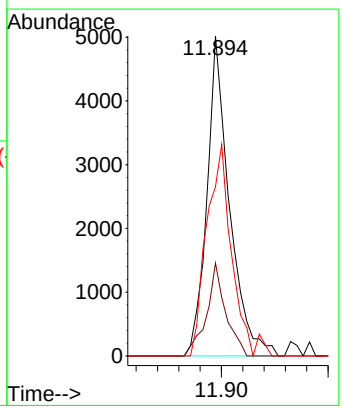


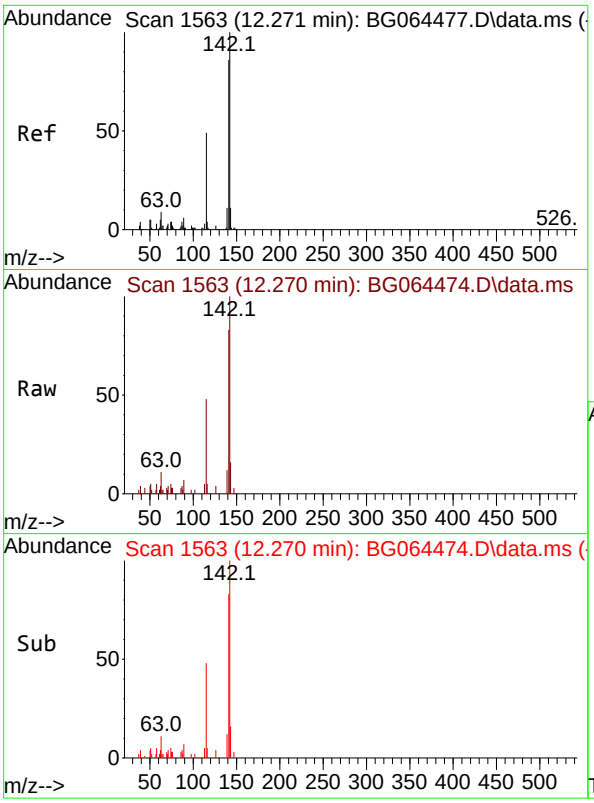


#36
4-Chloro-3-methylphenol
Concen: 4.978 ng
RT: 11.894 min Scan# 1499
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:107 Resp: 7360

Ion	Ratio	Lower	Upper
107	100		
144	29.0	18.7	28.1#
142	58.3	60.2	90.2#



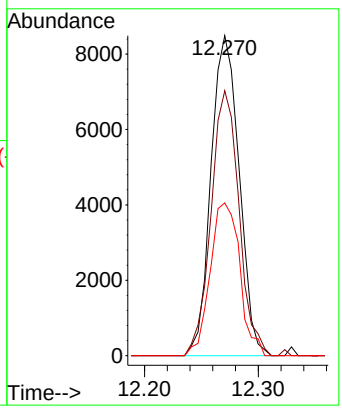


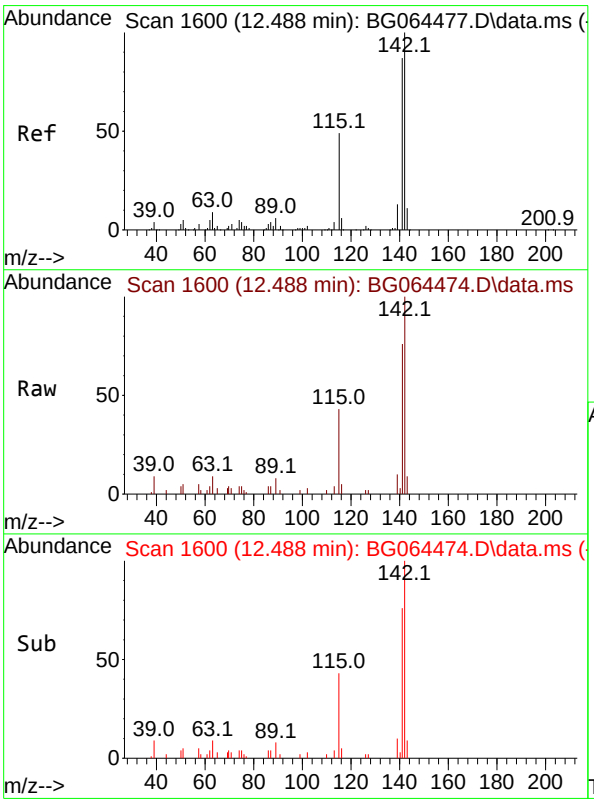
#37
2-Methylnaphthalene
Concen: 4.953 ng
RT: 12.270 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 14601

Ion	Ratio	Lower	Upper
142	100		
141	82.8	68.7	103.1
115	47.8	39.3	58.9

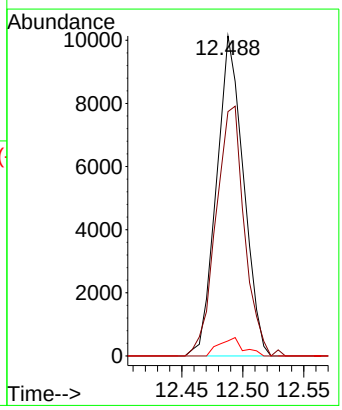


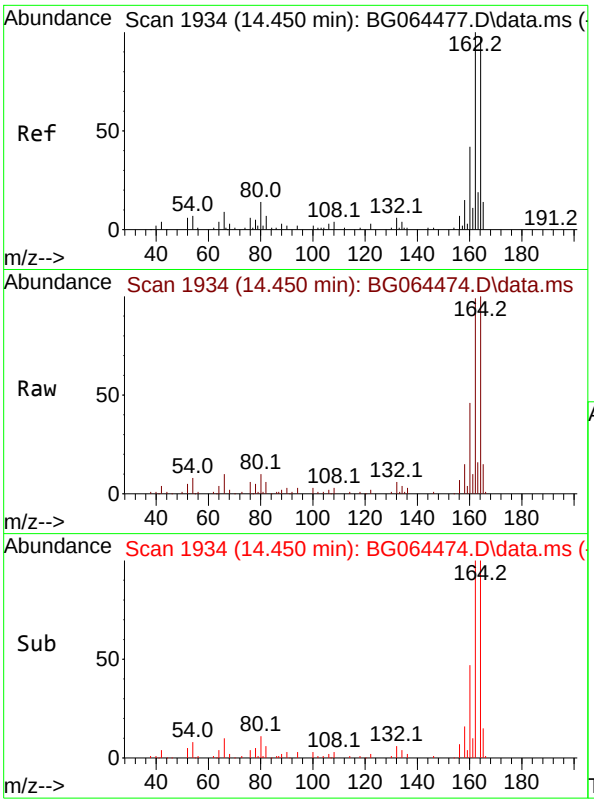


#38
1-Methylnaphthalene
Concen: 5.311 ng
RT: 12.488 min Scan# 1600
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:142 Resp: 15610

Ion	Ratio	Lower	Upper
142	100		
141	76.4	69.8	104.8
116	4.7	4.6	6.8



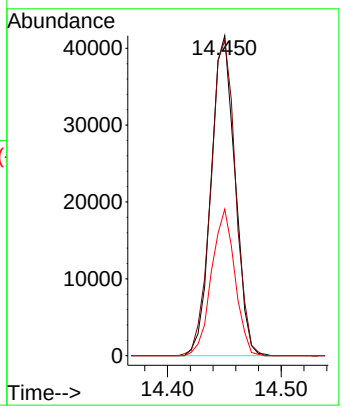


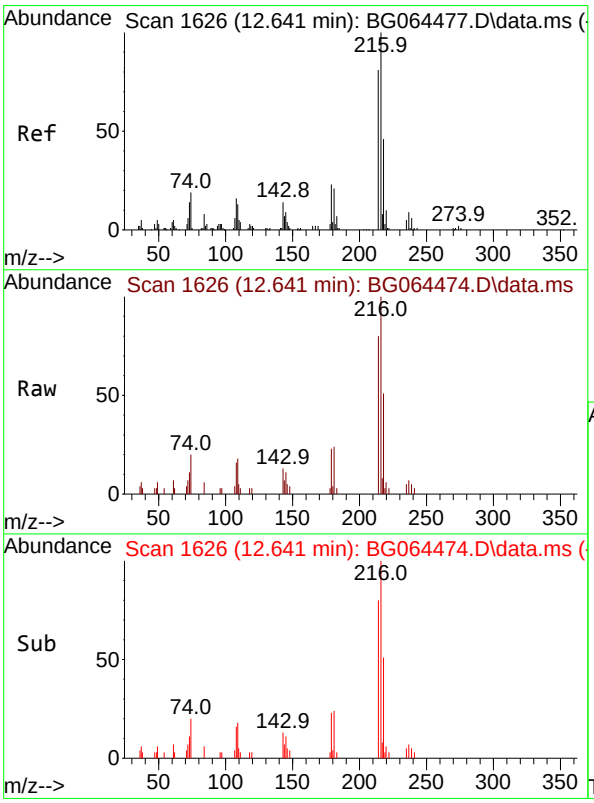
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 60732

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.2	123.2
160	45.8	34.3	51.5

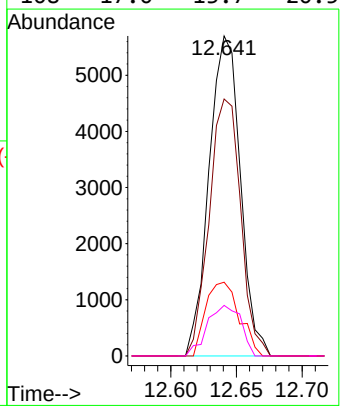


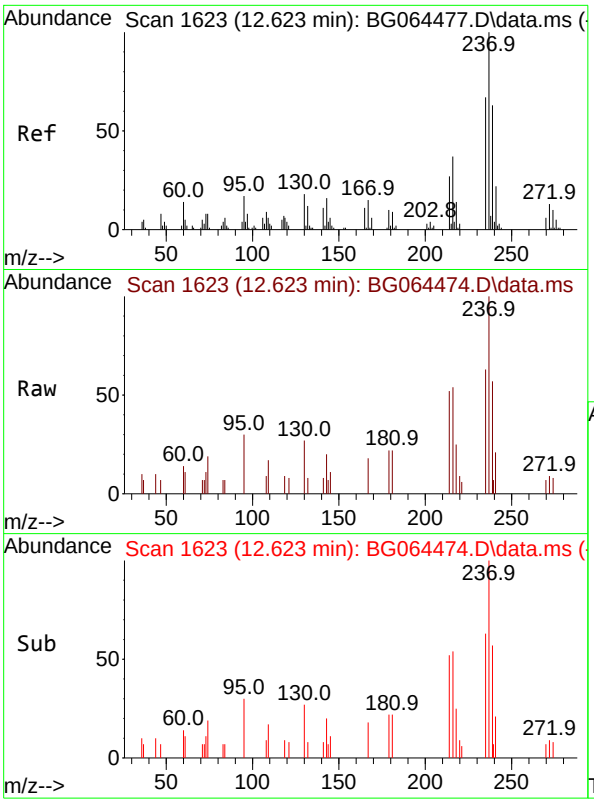


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.820 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:216 Resp: 9451

Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.5	93.7
179	24.8	17.0	25.6
108	17.0	13.7	20.5



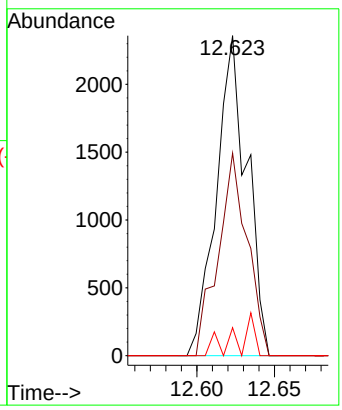


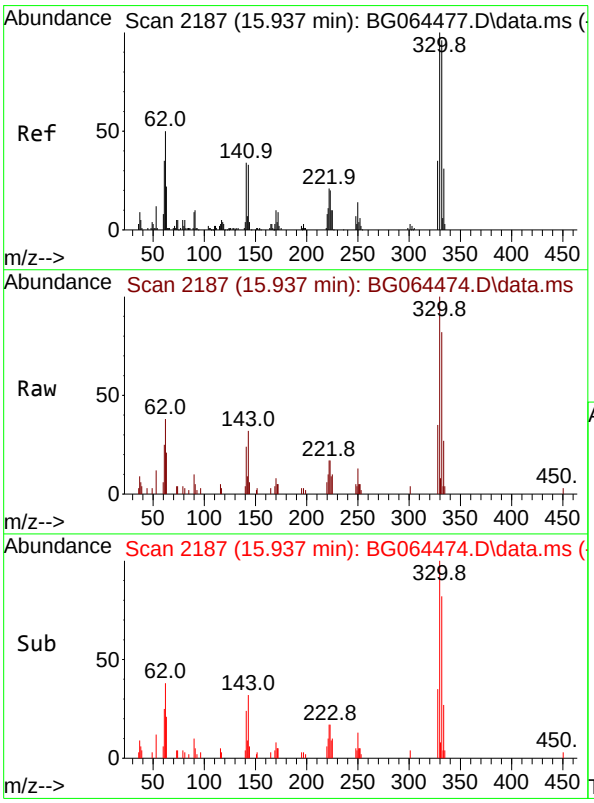
#41
Hexachlorocyclopentadiene
Concen: 3.154 ng
RT: 12.623 min Scan# 1(
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 3235

Ion	Ratio	Lower	Upper
237	100		
235	63.3	46.9	86.9
272	8.7	0.0	32.6

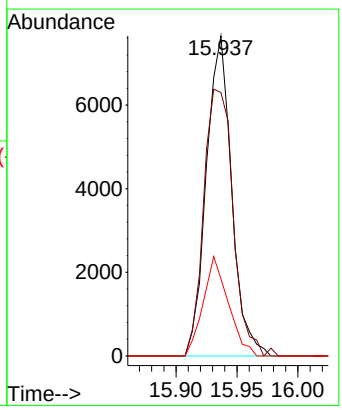


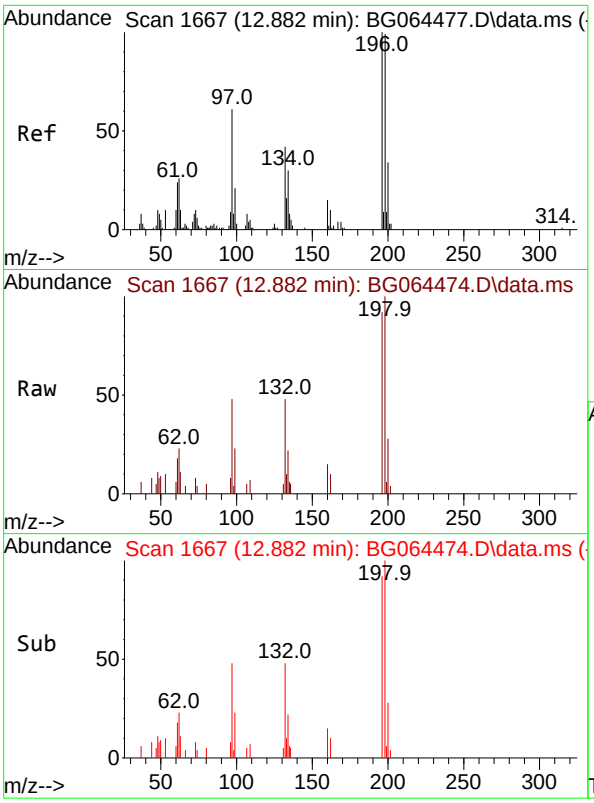


#42
2,4,6-Tribromophenol
Concen: 10.043 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:330 Resp: 11056

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	30.8	25.8	38.6



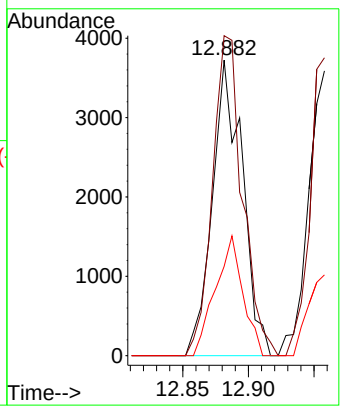


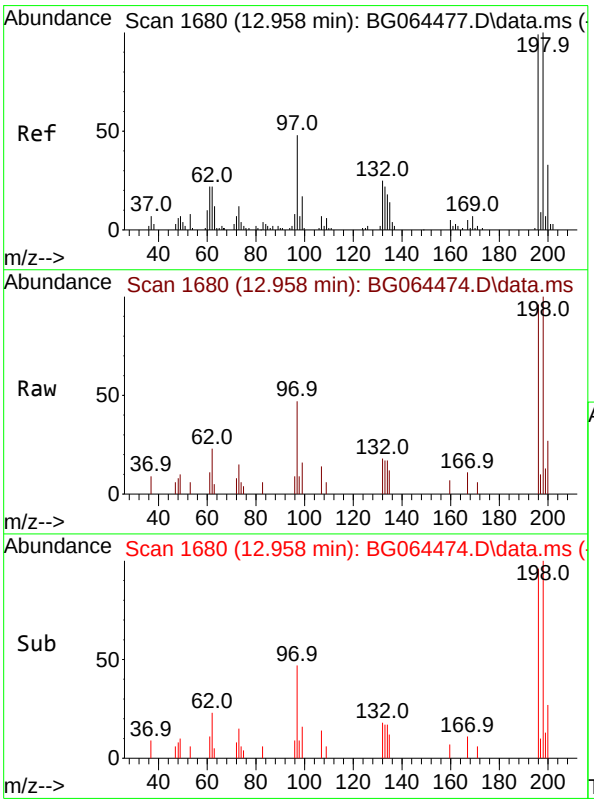
#43
2,4,6-Trichlorophenol
Concen: 4.742 ng
RT: 12.882 min Scan# 1(
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 5944

Ion	Ratio	Lower	Upper
196	100		
198	108.3	79.3	118.9
200	30.2	27.4	41.2

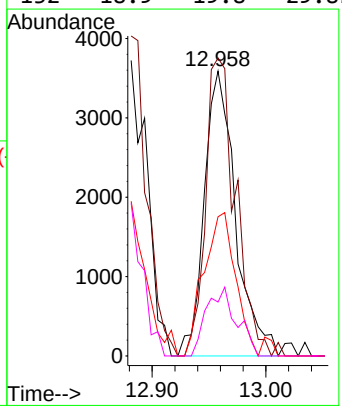


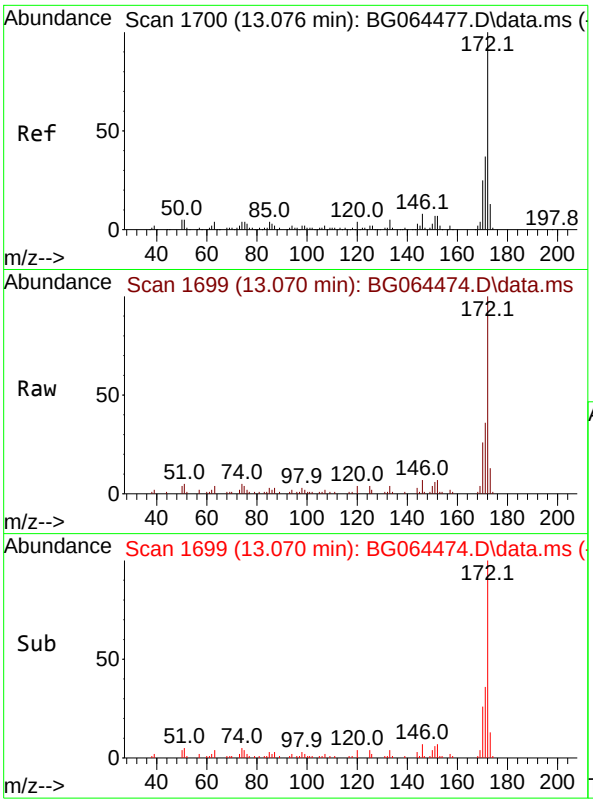


#44
2,4,5-Trichlorophenol
Concen: 4.890 ng
RT: 12.958 min Scan# 1680
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:196 Resp: 6843

Ion	Ratio	Lower	Upper
196	100		
198	104.6	80.3	120.5
97	48.8	39.4	59.0
132	18.9	19.8	29.8#



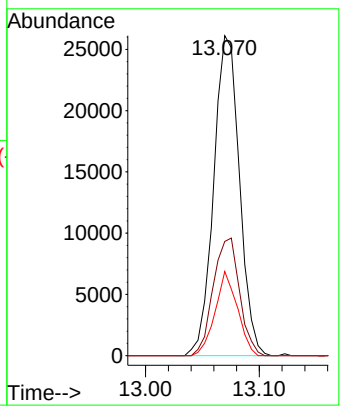


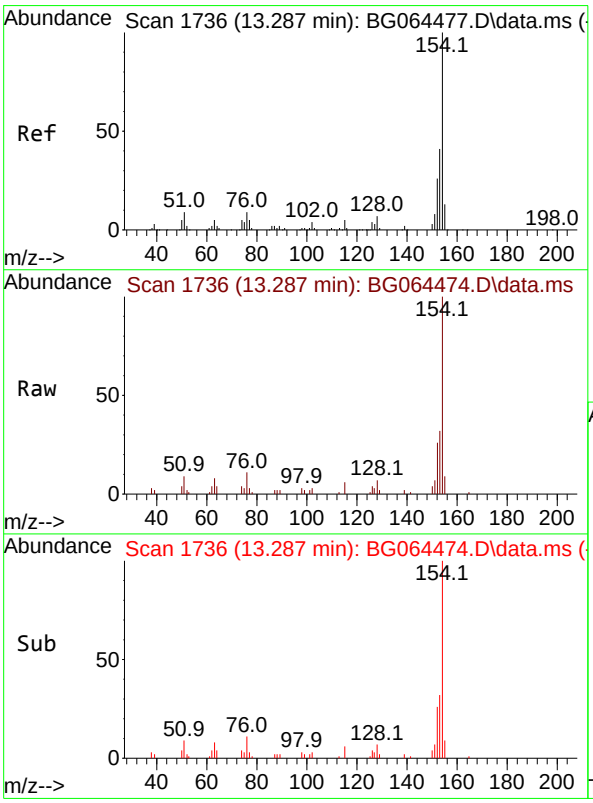
#45
2-Fluorobiphenyl
Concen: 9.988 ng
RT: 13.070 min Scan# 1(
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 41153

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	26.3	20.2	30.2

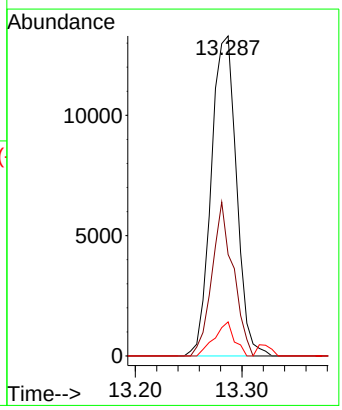


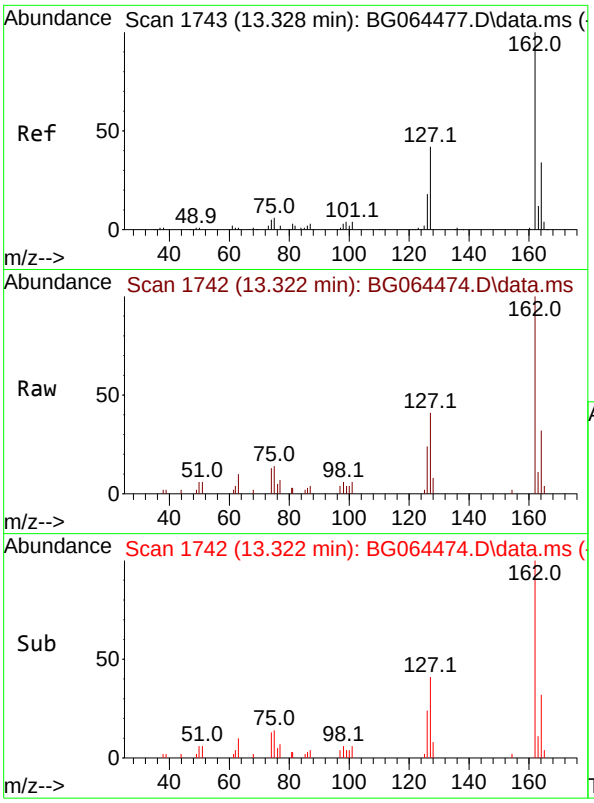


#46
1,1'-Biphenyl
Concen: 5.003 ng
RT: 13.287 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:154 Resp: 21854

Ion	Ratio	Lower	Upper
154	100		
153	31.7	20.7	60.7
76	10.6	0.0	29.3



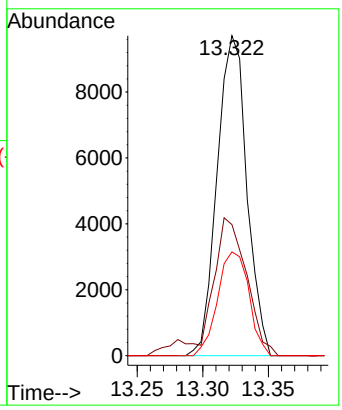


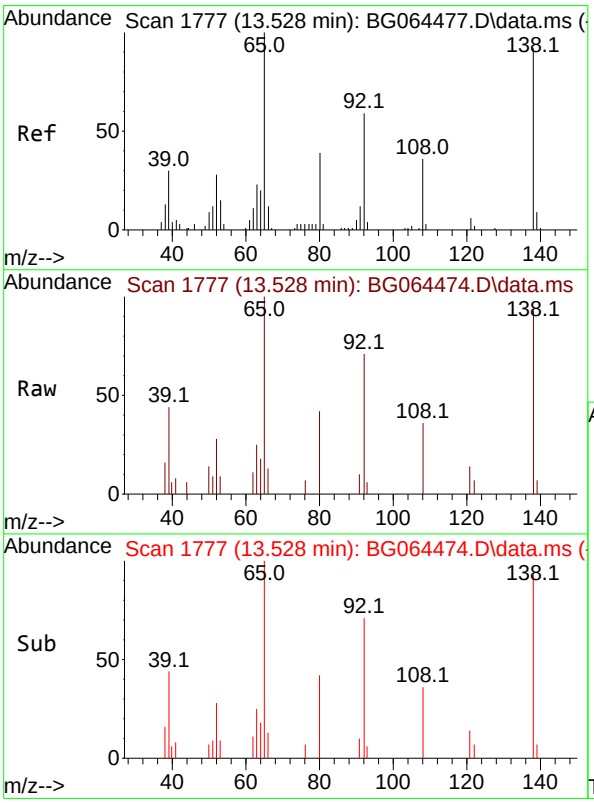
#47
2-Chloronaphthalene
Concen: 4.685 ng
RT: 13.322 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 15278

Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.8	53.8
164	32.5	27.2	40.8

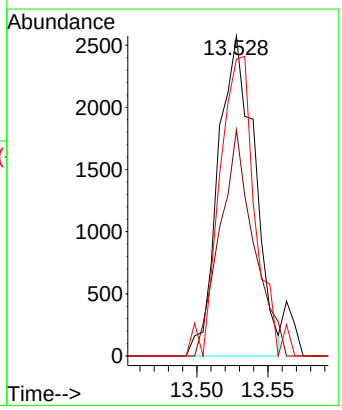


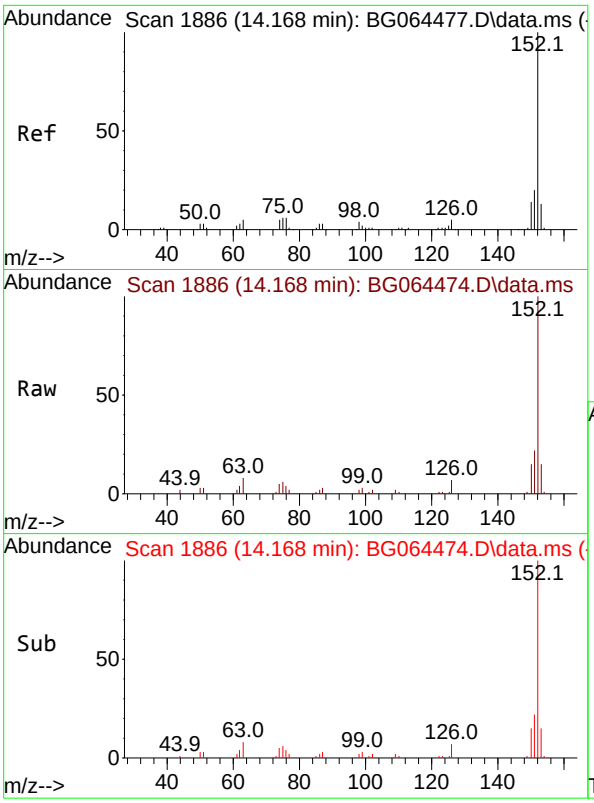


#48
2-Nitroaniline
Concen: 4.107 ng
RT: 13.528 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion: 65 Resp: 4571

Ion	Ratio	Lower	Upper
65	100		
92	70.6	47.0	70.6#
138	92.7	73.5	110.3



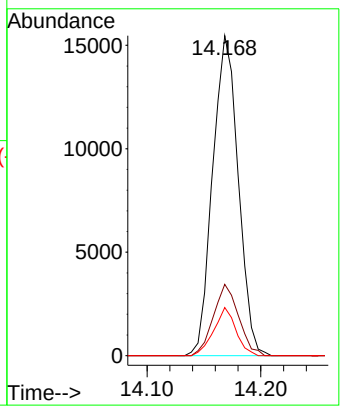


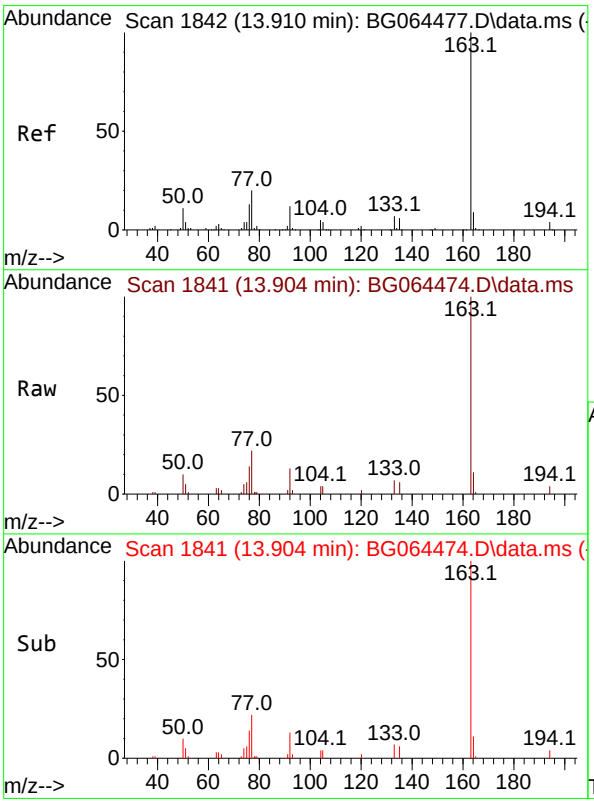
#49
Acenaphthylene
Concen: 4.990 ng
RT: 14.168 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 24156

Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.8	23.6
153	15.1	10.6	15.8

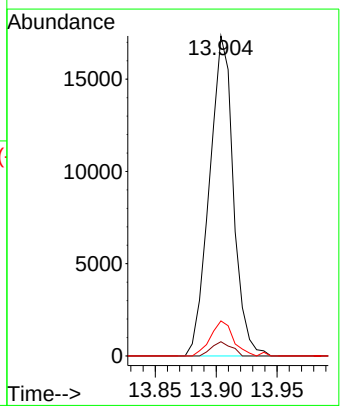


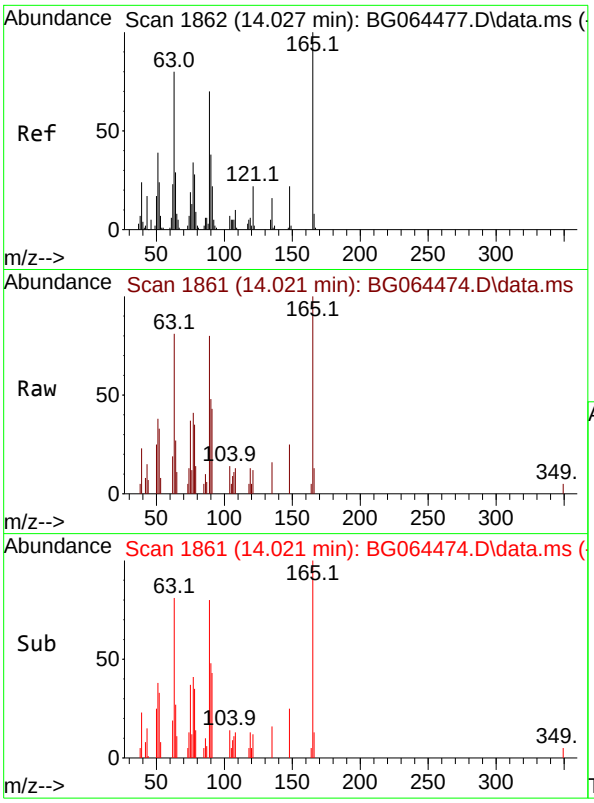


#50
Dimethylphthalate
Concen: 4.992 ng
RT: 13.904 min Scan# 1841
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:163 Resp: 23745

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.9	4.3#
164	10.9	7.4	11.0



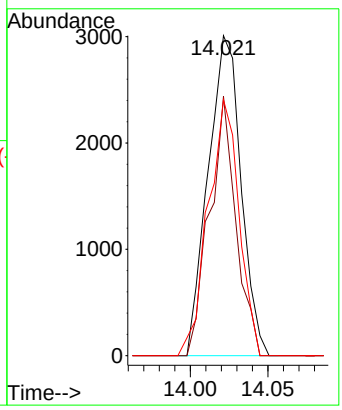


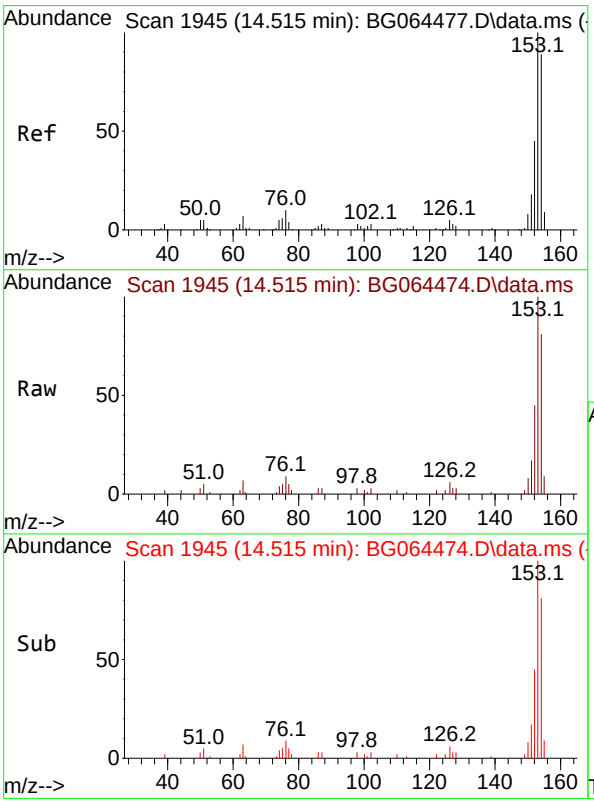
#51
2,6-Dinitrotoluene
Concen: 4.470 ng
RT: 14.021 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 4429

Ion	Ratio	Lower	Upper
165	100		
63	81.1	63.9	95.9
89	80.0	56.1	84.1

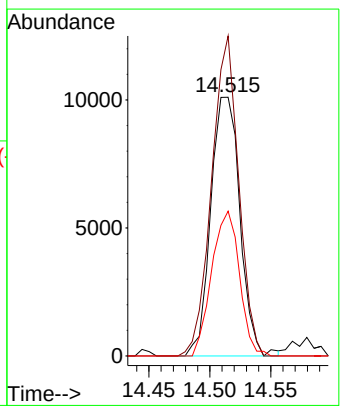


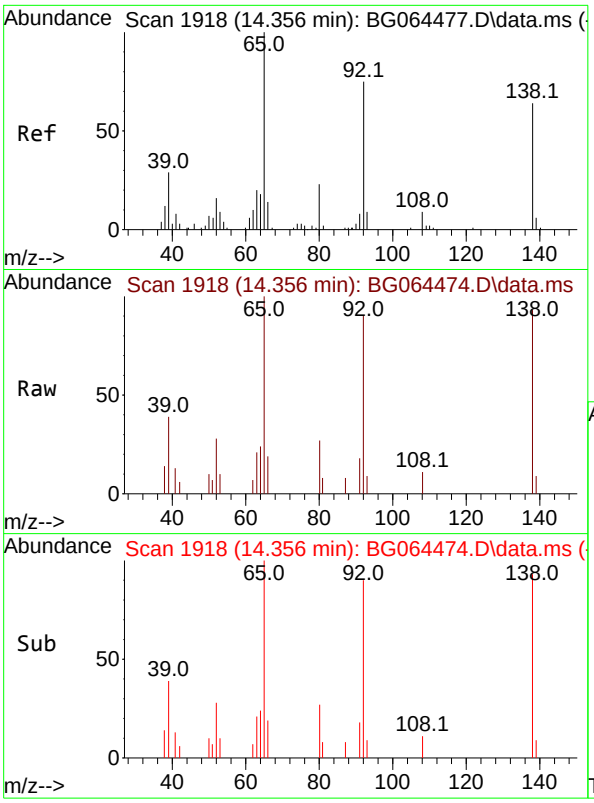


#52
Acenaphthene
Concen: 5.000 ng
RT: 14.515 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:154 Resp: 16816

Ion	Ratio	Lower	Upper
154	100		
153	123.7	90.2	135.4
152	56.0	40.2	60.4



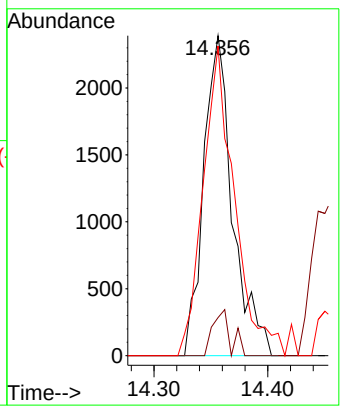


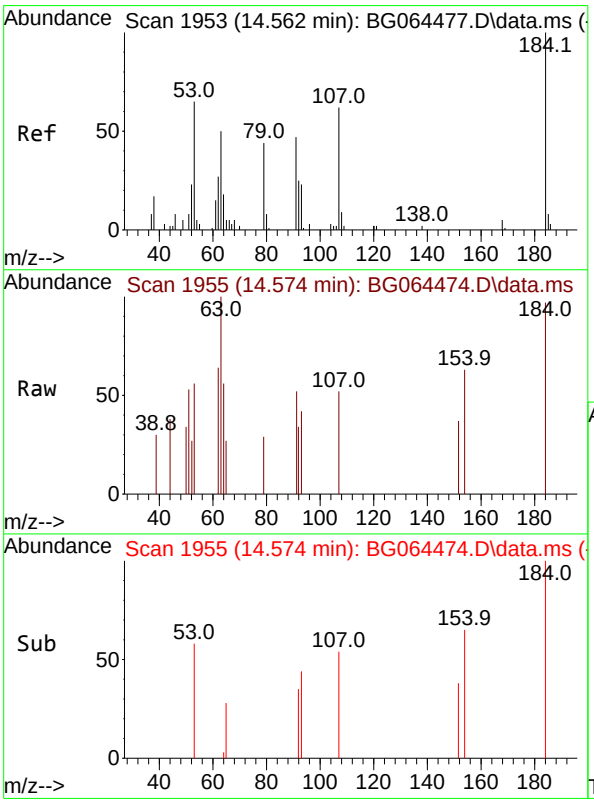
#53
3-Nitroaniline
Concen: 4.630 ng
RT: 14.356 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 4231

Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.6	15.8
92	96.8	93.2	139.8

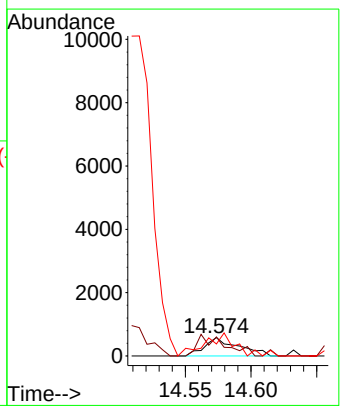


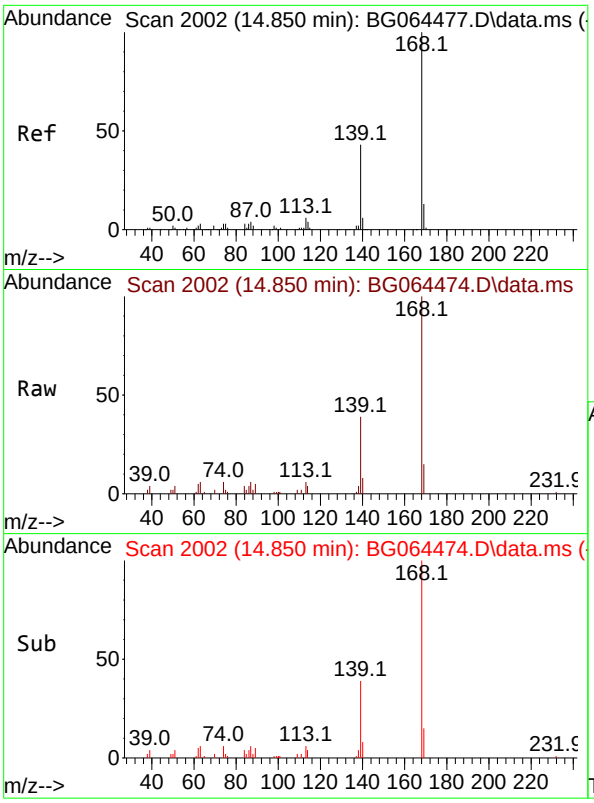


#54
2,4-Dinitrophenol
Concen: 1.452 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:184 Resp: 1043

Ion	Ratio	Lower	Upper
184	100		
63	103.6	69.0	103.4#
154	64.8	95.6	143.4#



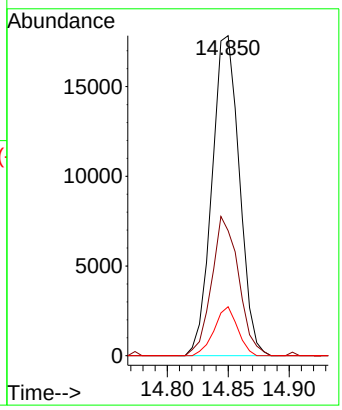


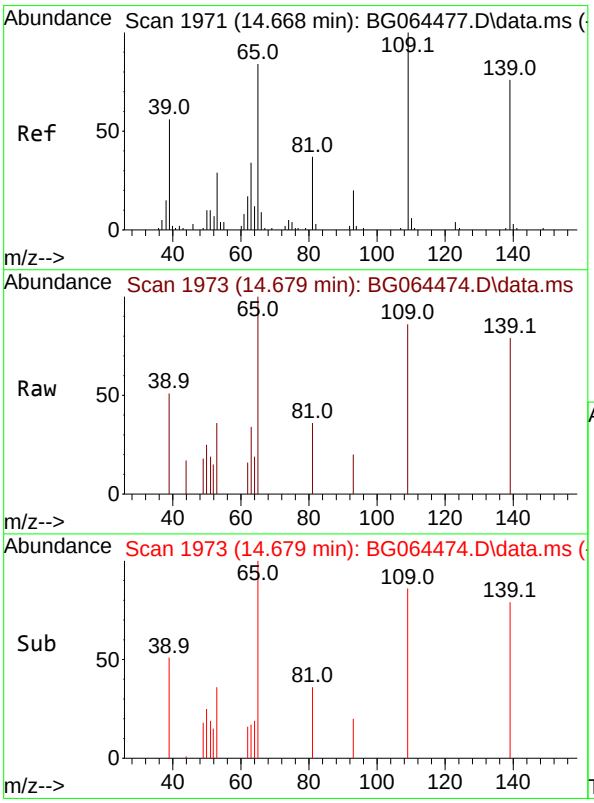
#55
Dibenzofuran
Concen: 5.022 ng
RT: 14.850 min Scan# 2(
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 27888

Ion	Ratio	Lower	Upper
168	100		
139	39.1	34.0	51.0
169	15.3	10.2	15.2#

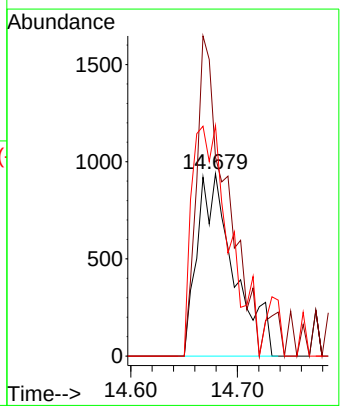


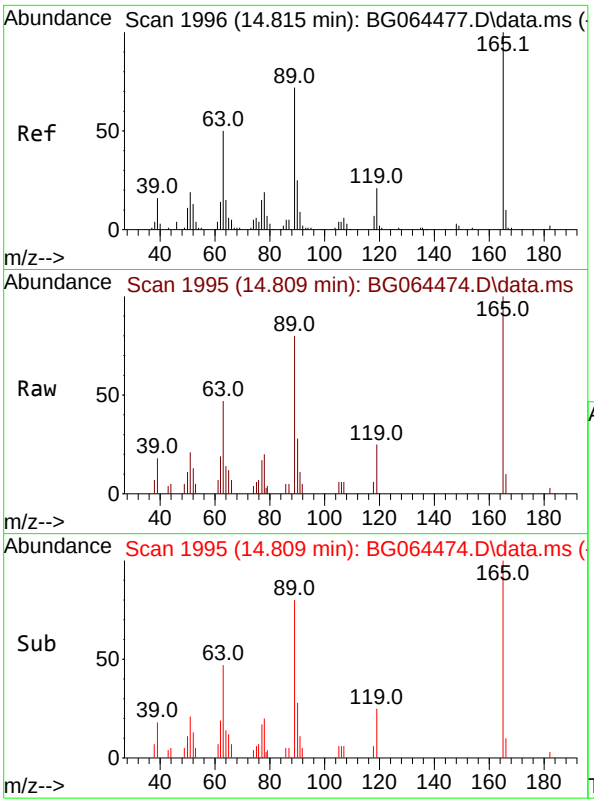


#56
4-Nitrophenol
Concen: 3.116 ng
RT: 14.679 min Scan# 1973
Delta R.T. 0.014 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:139 Resp: 2242

Ion	Ratio	Lower	Upper
139	100		
109	109.3	111.8	151.8#
65	126.4	91.1	131.1



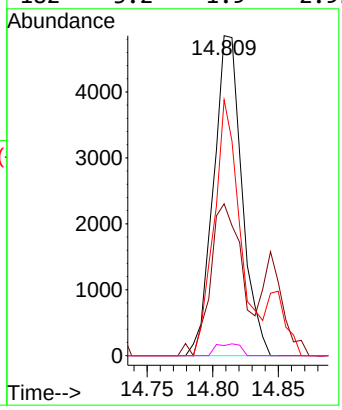


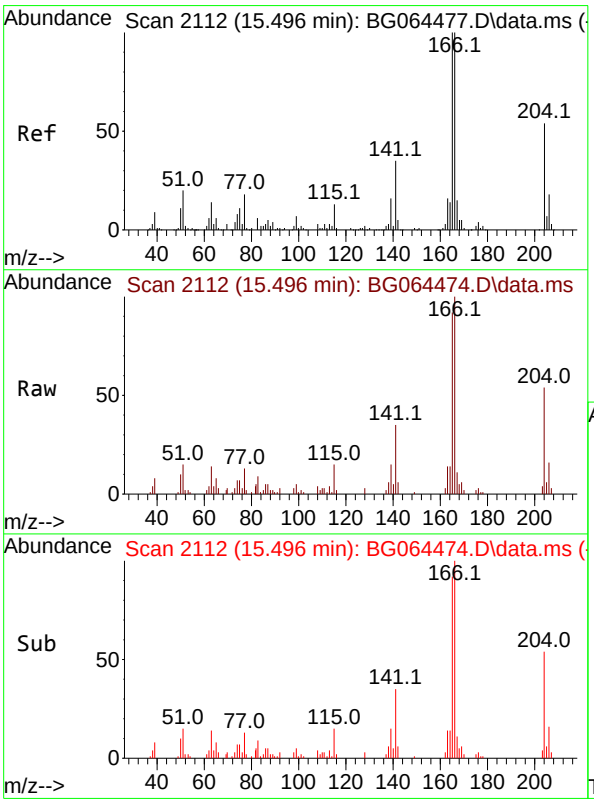
#57
2,4-Dinitrotoluene
Concen: 4.826 ng
RT: 14.809 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 7310

Ion	Ratio	Lower	Upper
165	100		
63	47.4	40.4	60.6
89	79.9	57.3	85.9
182	3.2	1.9	2.9#

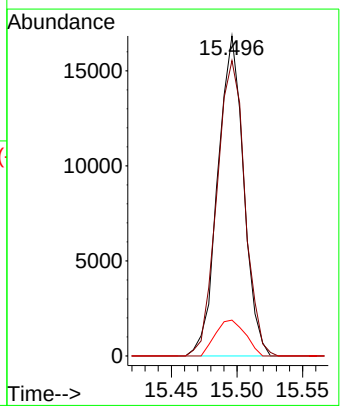


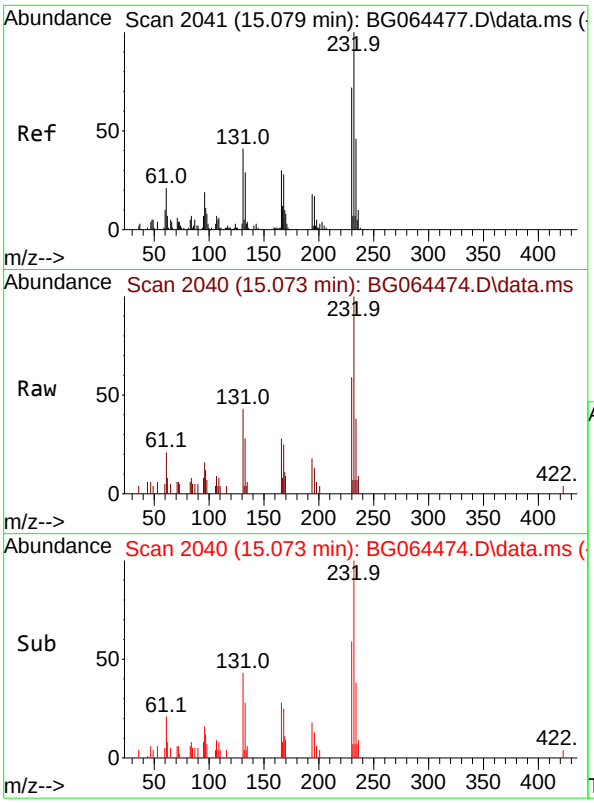


#58
Fluorene
Concen: 4.994 ng
RT: 15.496 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:166 Resp: 23055

Ion	Ratio	Lower	Upper
166	100		
165	92.3	79.8	119.6
167	11.2	11.7	17.5#



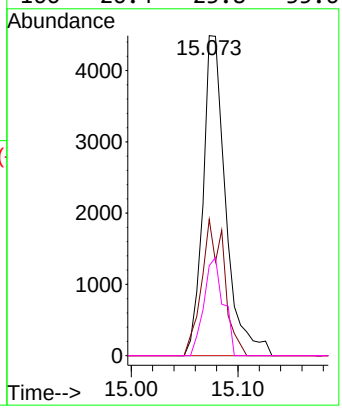


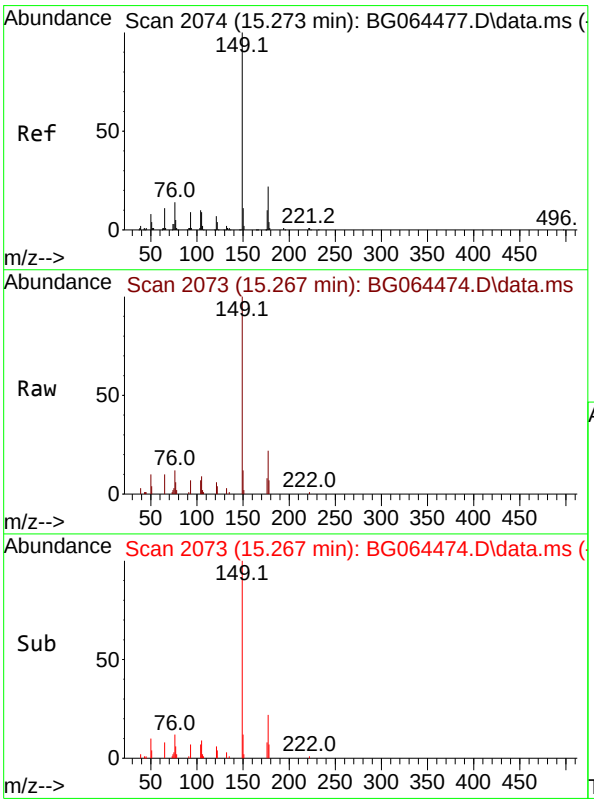
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.658 ng
RT: 15.073 min Scan# 2(
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 6653

Ion	Ratio	Lower	Upper
232	100		
131	42.3	35.0	52.4
130	0.0	2.0	3.0#
166	26.4	23.8	35.6

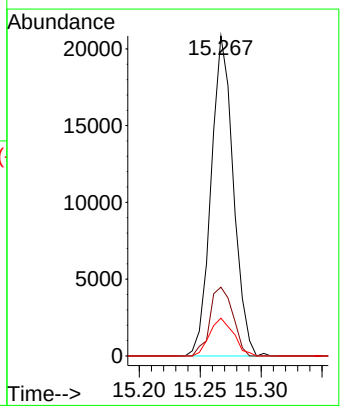


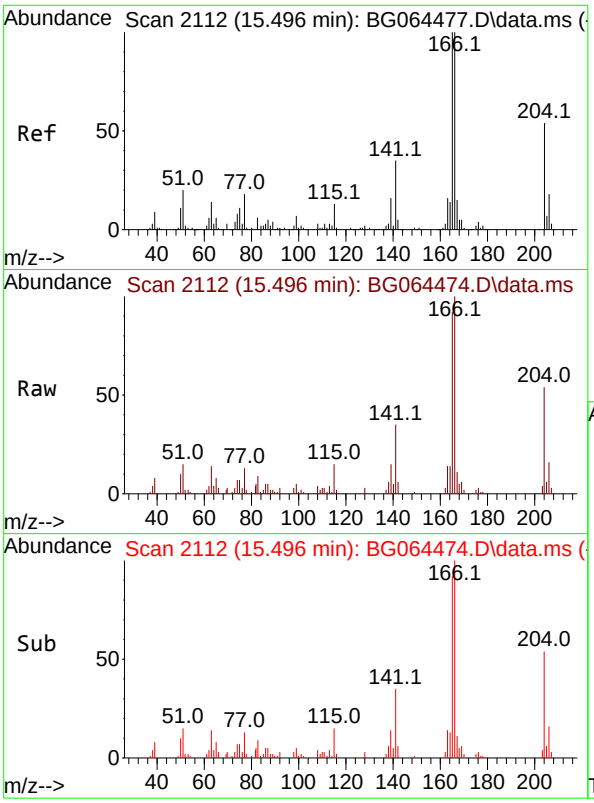


#60
Diethylphthalate
Concen: 5.198 ng
RT: 15.267 min Scan# 2073
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 26525

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.0
150	11.8	9.1	13.7



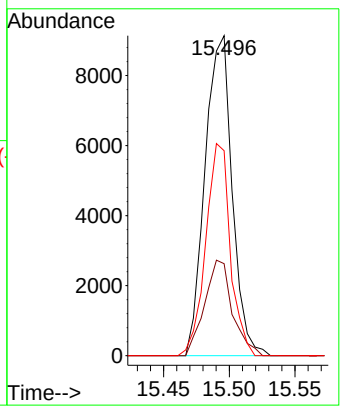


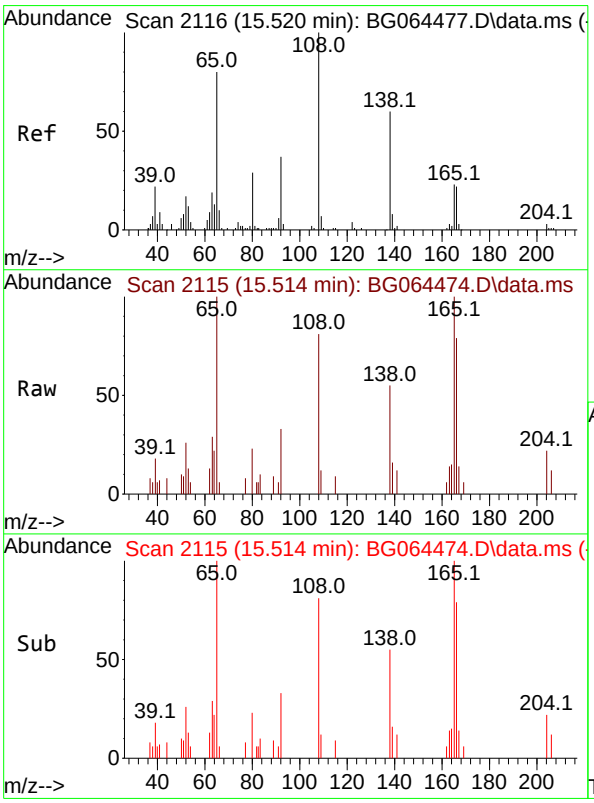
#61
4-Chlorophenyl-phenylether
Concen: 5.215 ng
RT: 15.496 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 13144

Ion	Ratio	Lower	Upper
204	100		
206	28.8	27.1	40.7
141	64.0	51.5	77.3

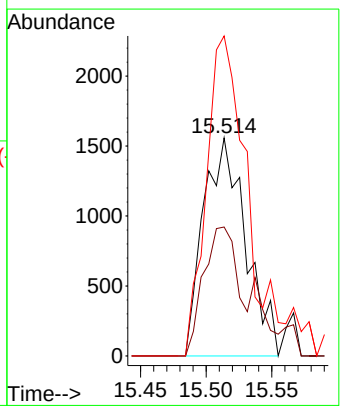


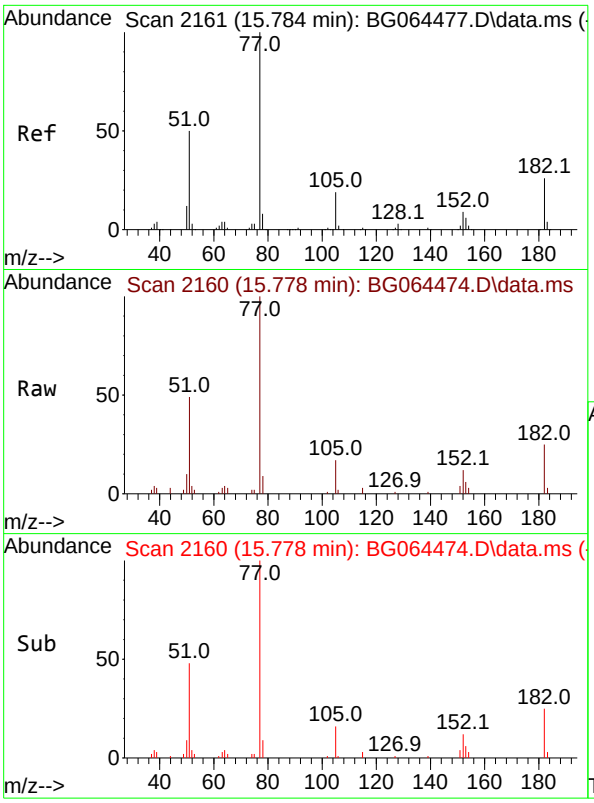


#62
4-Nitroaniline
Concen: 3.655 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:138 Resp: 3481

Ion	Ratio	Lower	Upper
138	100		
92	59.1	42.3	82.3
108	146.8	147.7	187.7#



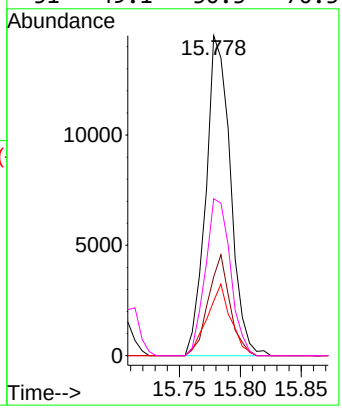


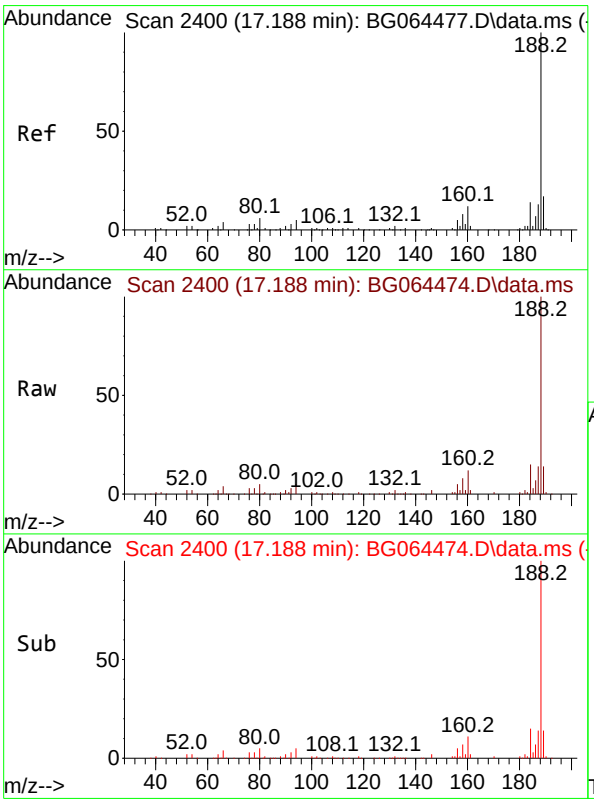
#63
Azobenzene
Concen: 5.144 ng
RT: 15.778 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 20327

Ion	Ratio	Lower	Upper
77	100		
182	24.6	6.3	46.3
105	17.1	0.0	38.7
51	49.1	30.3	70.3

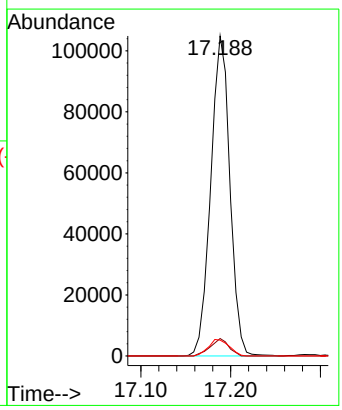


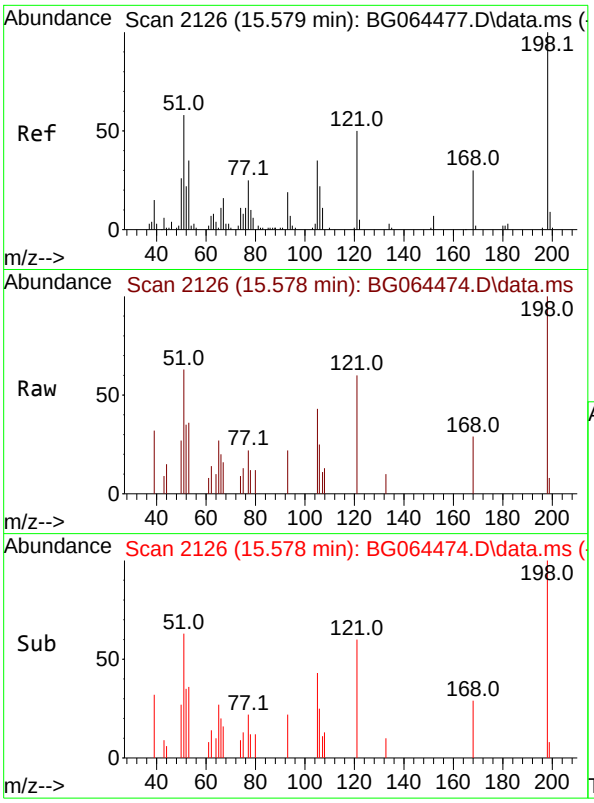


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:188 Resp: 155342

Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.7	5.5
80	5.0	4.5	6.7



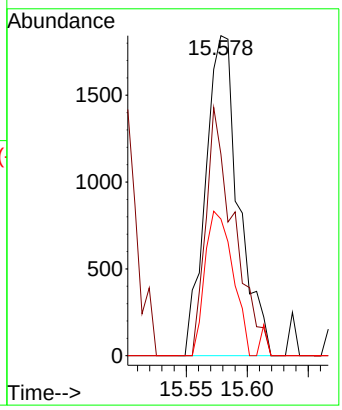


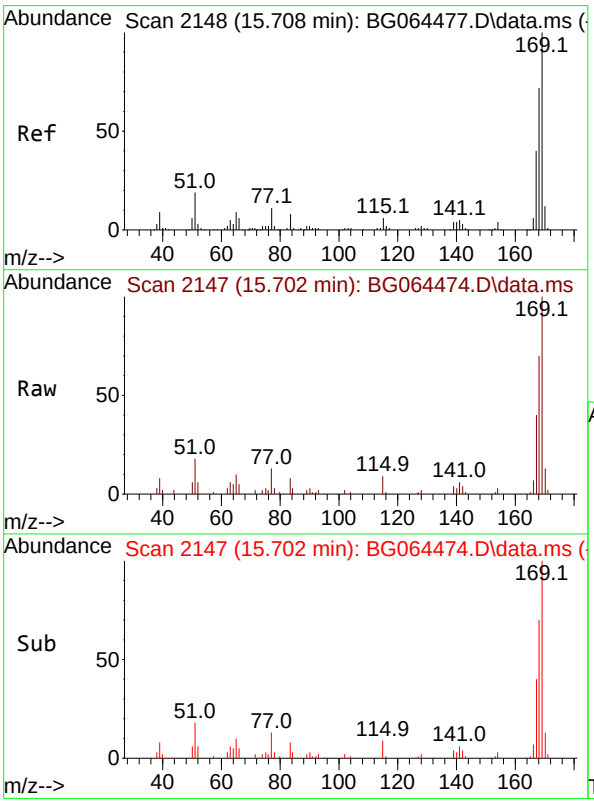
#65
4,6-Dinitro-2-methylphenol
Concen: 3.233 ng
RT: 15.578 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 3497

Ion	Ratio	Lower	Upper
198	100		
51	62.9	39.0	79.0
105	42.7	15.8	55.8

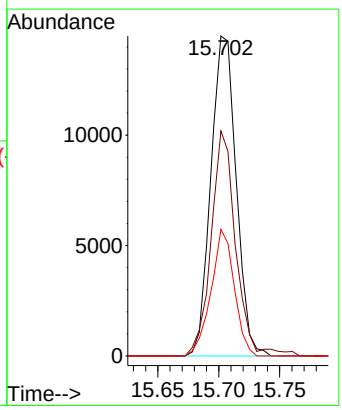


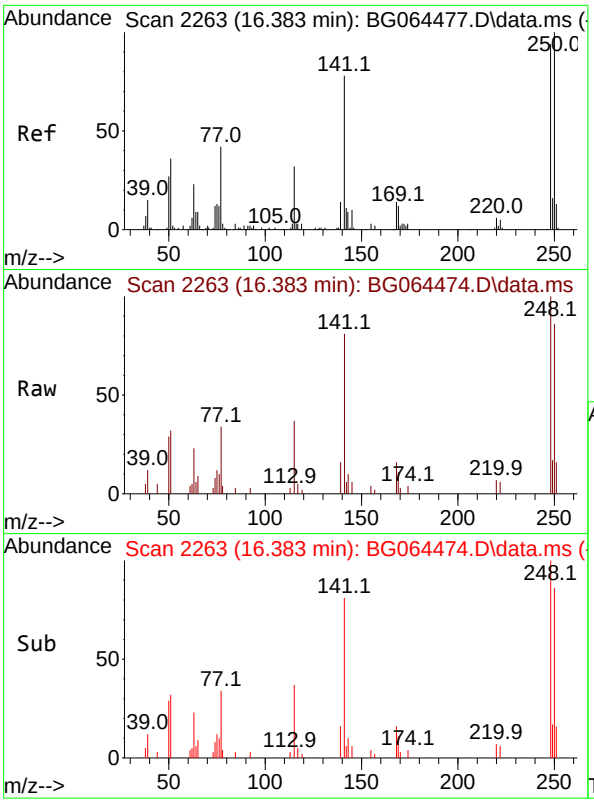


#66
n-Nitrosodiphenylamine
Concen: 5.053 ng
RT: 15.702 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:169 Resp: 20960

Ion	Ratio	Lower	Upper
169	100		
168	70.3	57.8	86.6
167	39.6	31.7	47.5



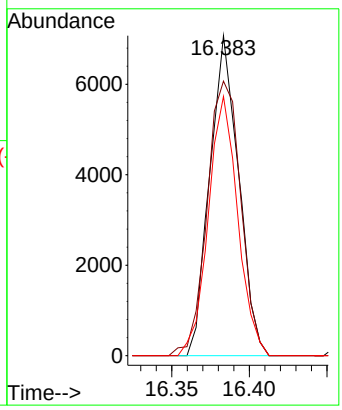


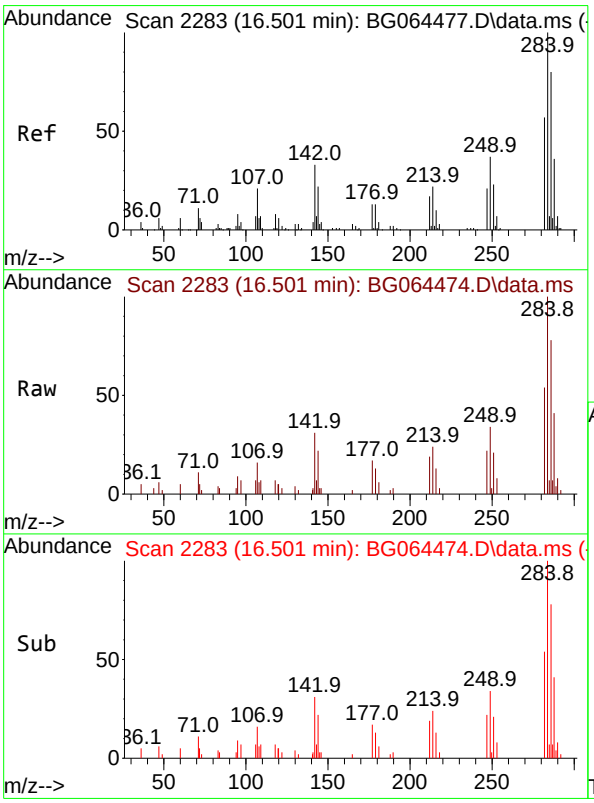
#67
4-Bromophenyl-phenylether
Concen: 5.002 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 9144

Ion	Ratio	Lower	Upper
248	100		
250	85.8	85.3	127.9
141	81.0	66.2	99.2

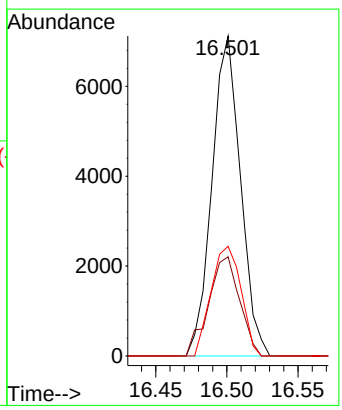


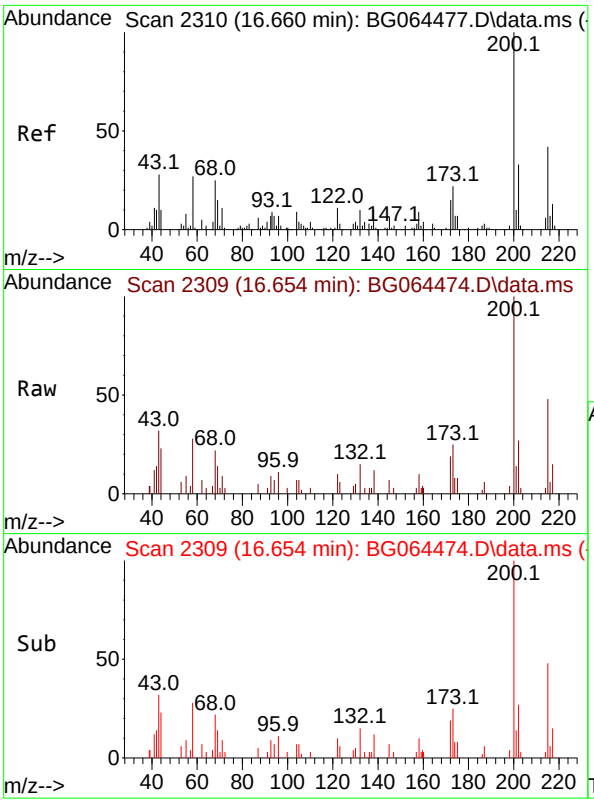


#68
Hexachlorobenzene
Concen: 4.747 ng
RT: 16.501 min Scan# 2283
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:284 Resp: 9929

Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.2	39.2
249	36.8	29.4	44.0



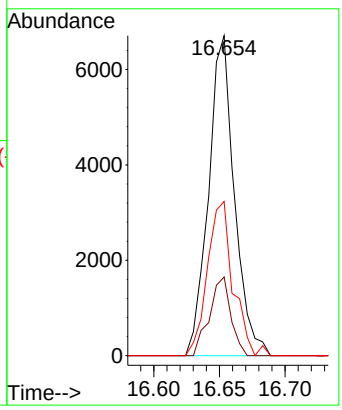


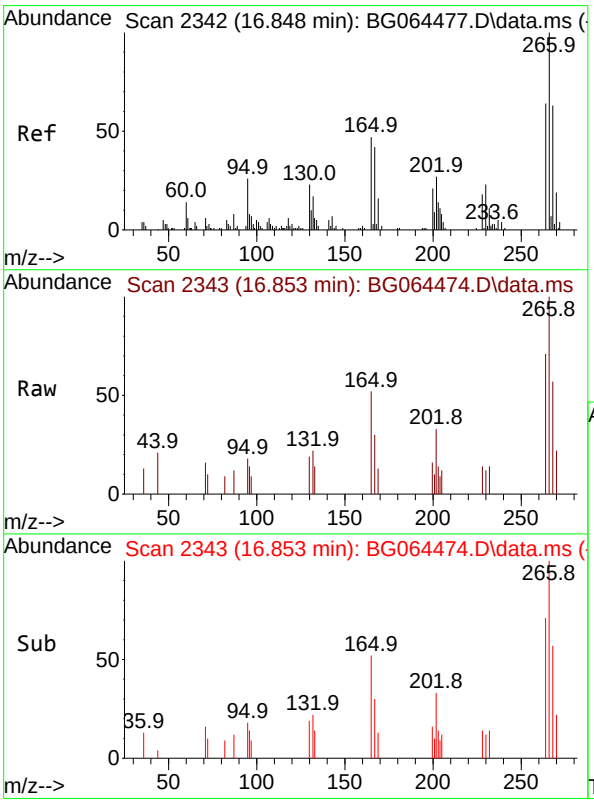
#69
Atrazine
Concen: 4.979 ng
RT: 16.654 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 9189

Ion	Ratio	Lower	Upper
200	100		
173	24.6	2.5	42.5
215	48.2	21.5	61.5

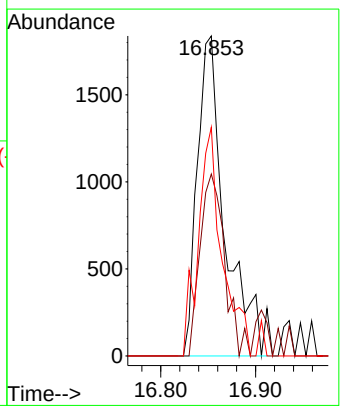


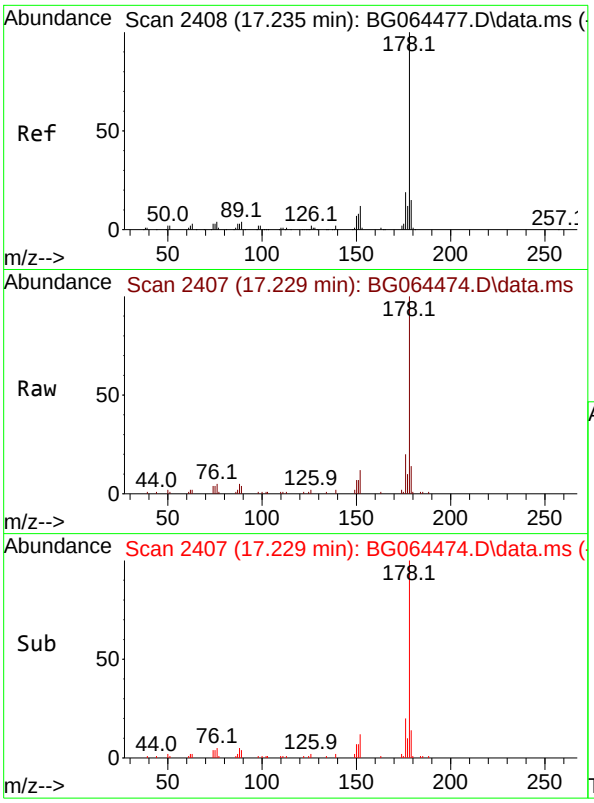


#70
Pentachlorophenol
Concen: 3.095 ng
RT: 16.853 min Scan# 2343
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:266 Resp: 3785

Ion	Ratio	Lower	Upper
266	100		
268	56.9	50.6	75.8
264	71.4	51.2	76.8



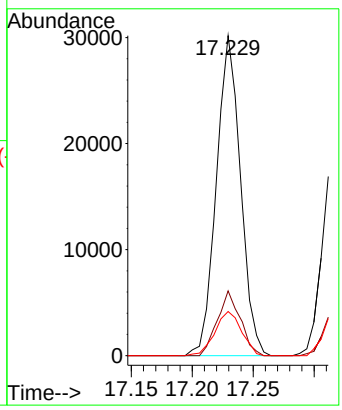


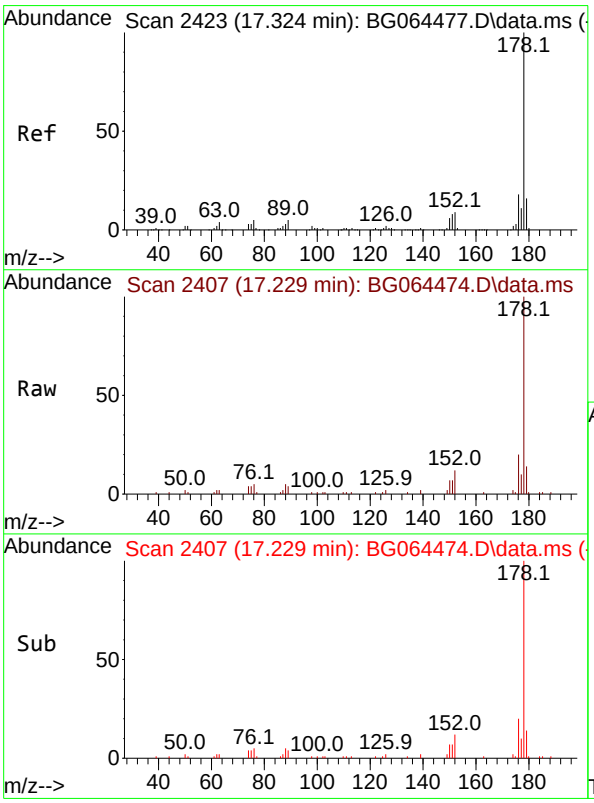
#71
Phenanthrene
Concen: 5.126 ng
RT: 17.229 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 41639

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	13.8	11.8	17.6

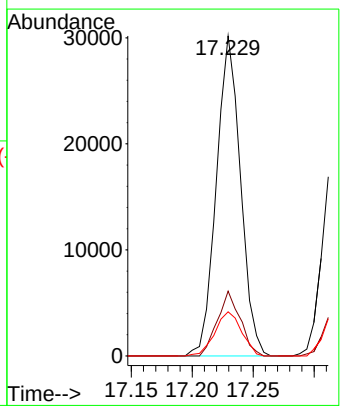


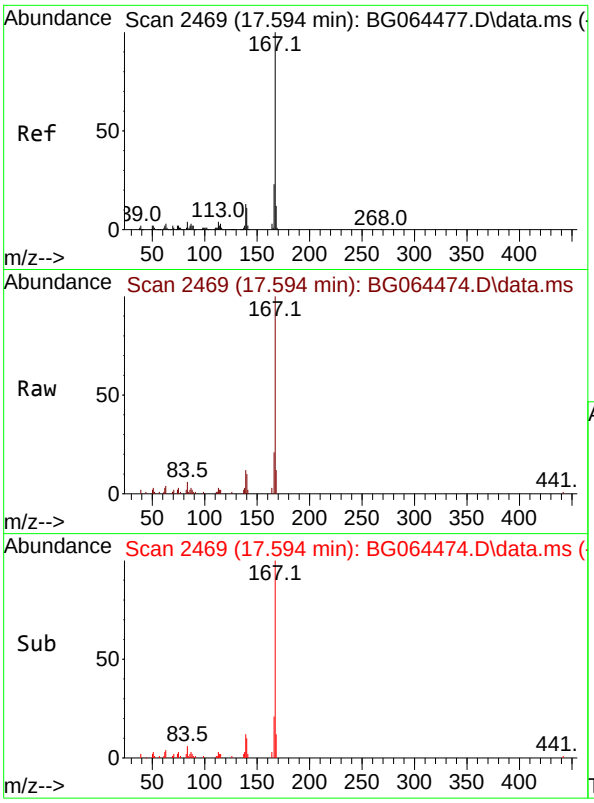


#72
Anthracene
Concen: 5.109 ng
RT: 17.229 min Scan# 2407
Delta R.T. -0.092 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:178 Resp: 41639

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	21.8
179	13.8	12.5	18.7



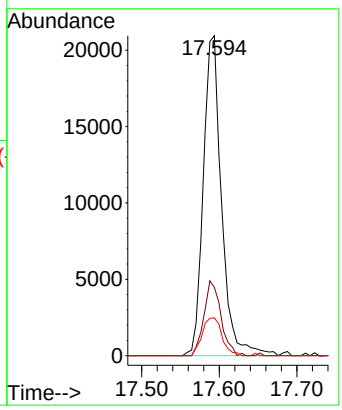


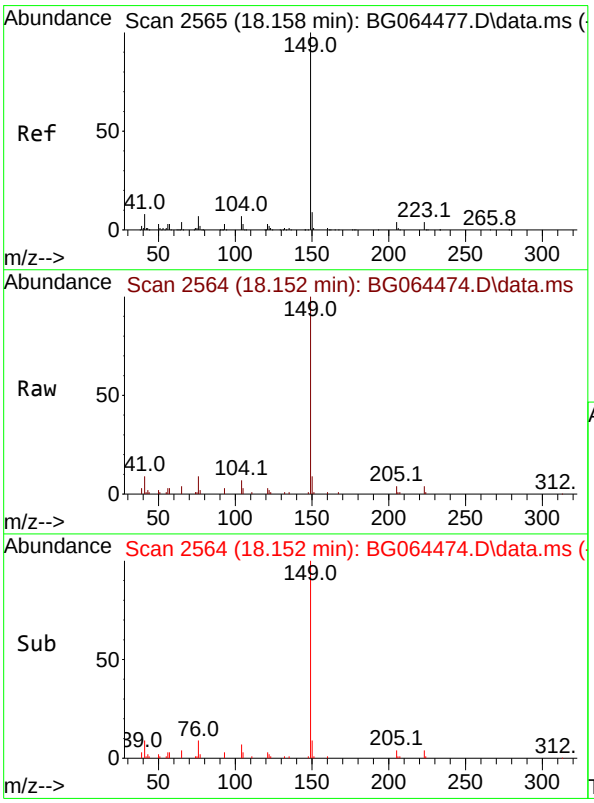
#73
Carbazole
Concen: 4.870 ng
RT: 17.594 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 34305

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.6	27.8
139	11.9	10.2	15.4

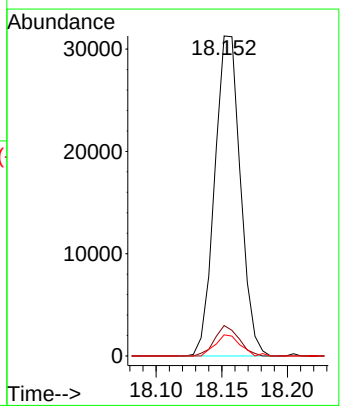


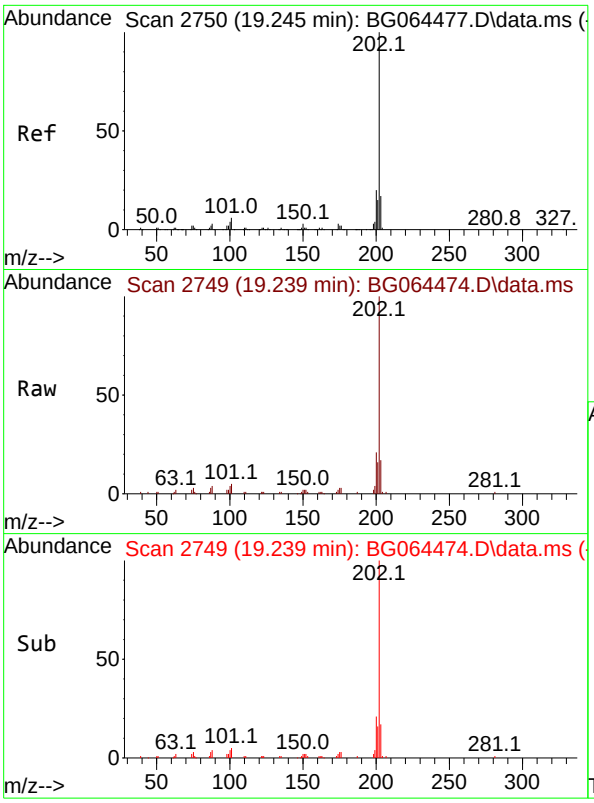


#74
Di-n-butylphthalate
Concen: 4.950 ng
RT: 18.152 min Scan# 2564
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 42564

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.6	5.3	7.9



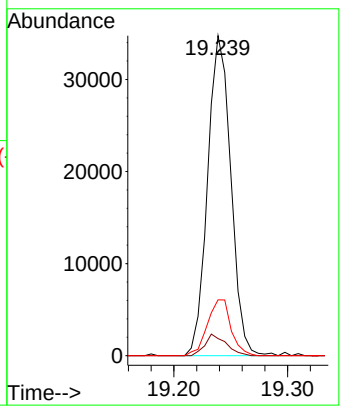


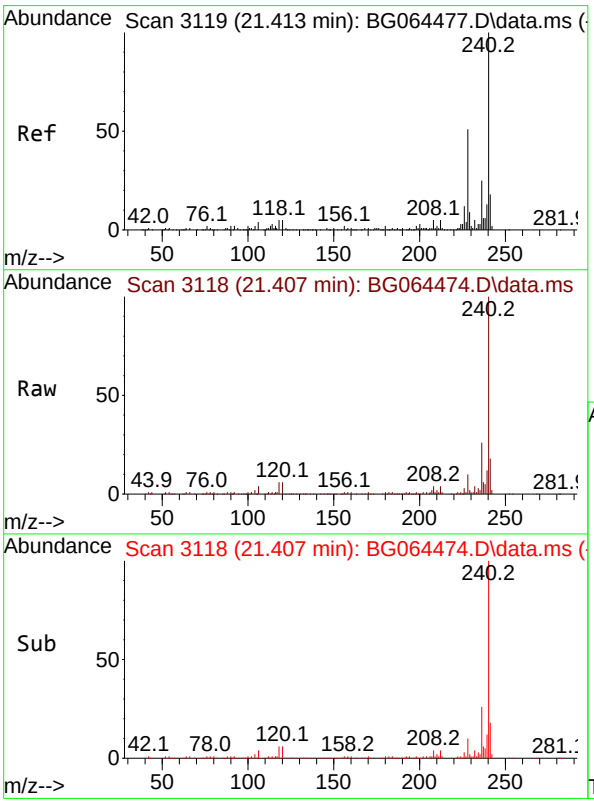
#75
Fluoranthene
Concen: 5.080 ng
RT: 19.239 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 49301

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	25.7
203	17.5	0.0	36.6

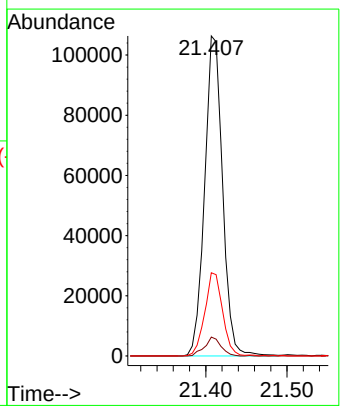


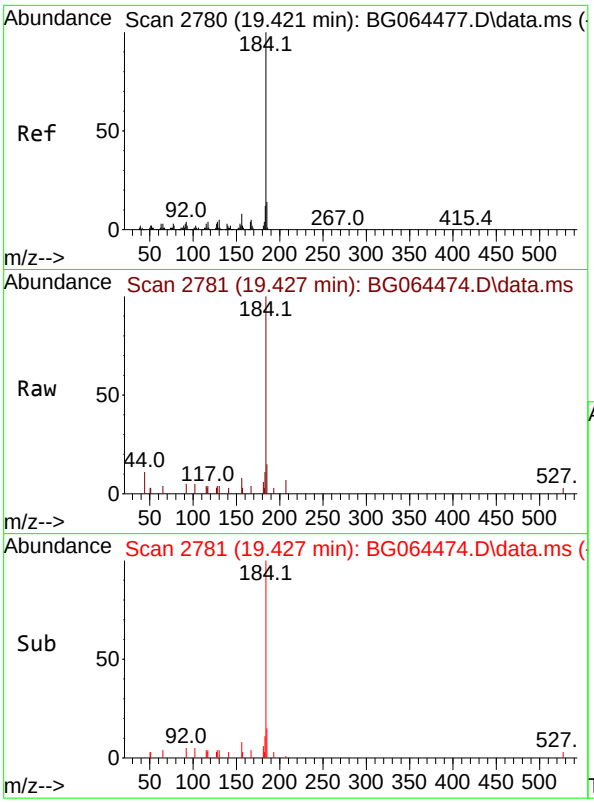


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.407 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:240 Resp: 162684

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.3	6.5
236	26.0	20.4	30.6



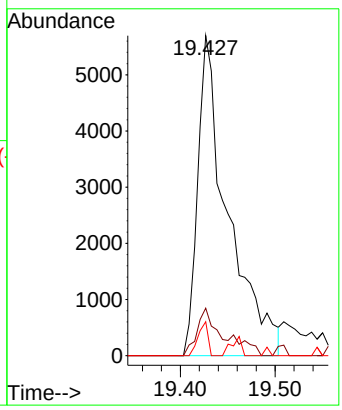


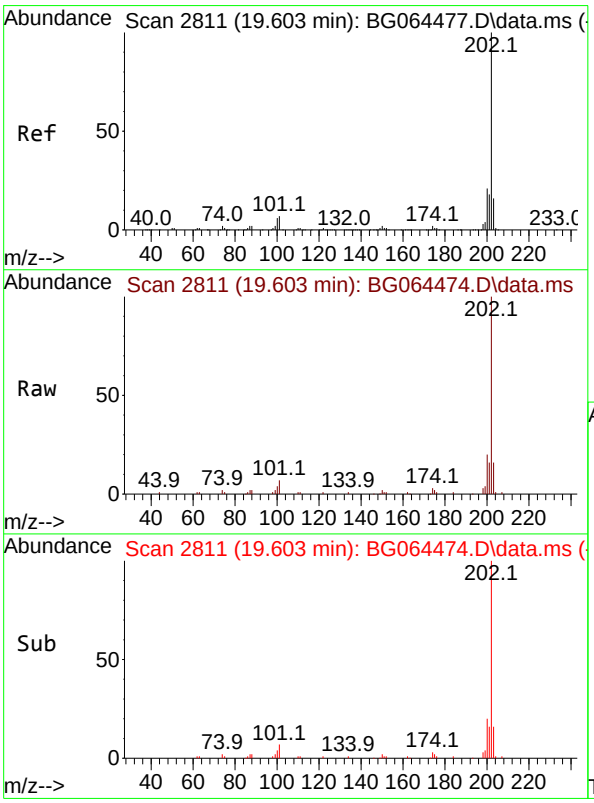
#77
Benzidine
Concen: 3.096 ng
RT: 19.427 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 12532

Ion	Ratio	Lower	Upper
184	100		
185	14.8	10.9	16.3
183	10.6	9.8	14.6

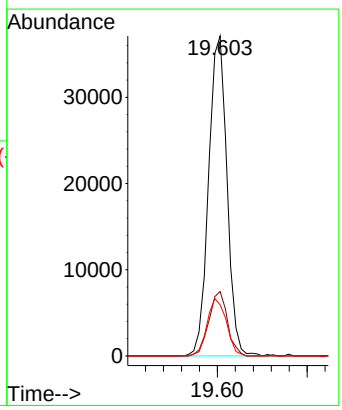


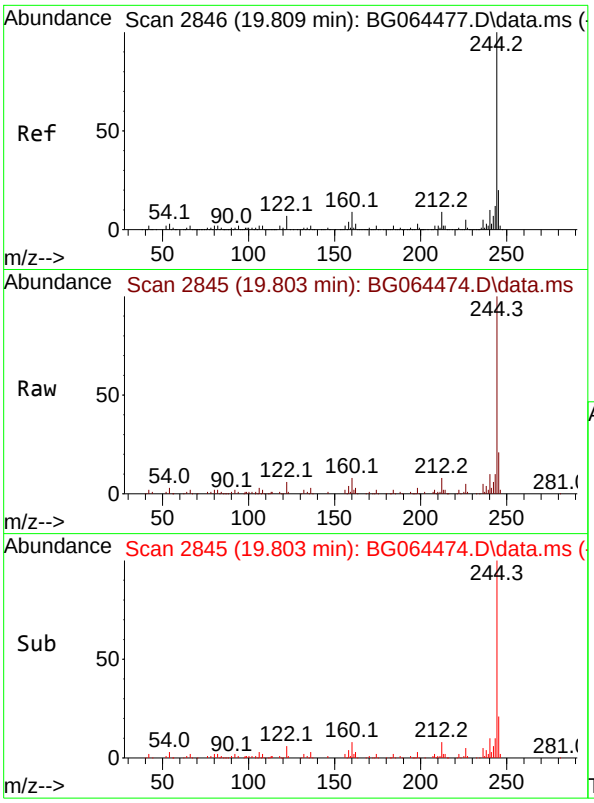


#78
Pyrene
Concen: 4.989 ng
RT: 19.603 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:202 Resp: 52677

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	16.0	13.0	19.4



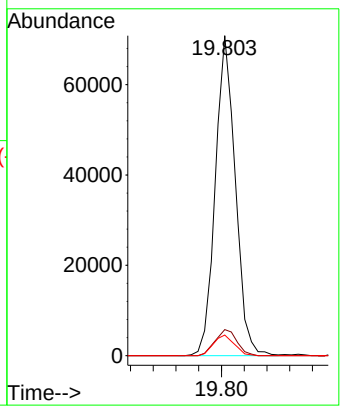


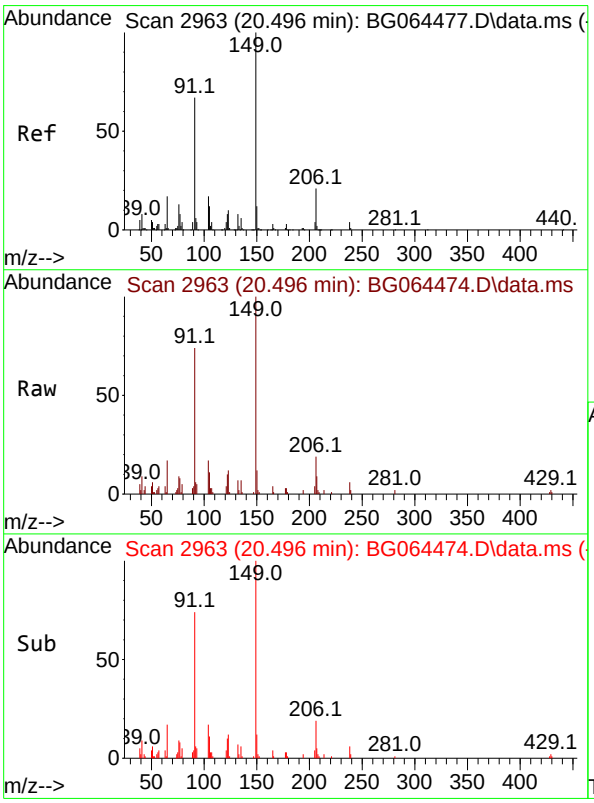
#79
Terphenyl-d14
Concen: 10.093 ng
RT: 19.803 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 86764

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	6.4	5.6	8.4

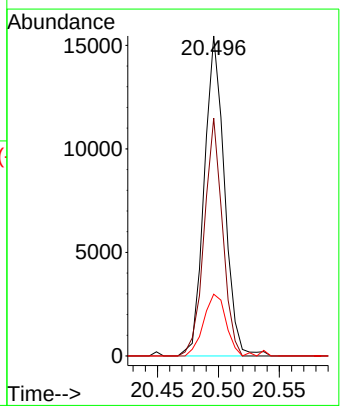


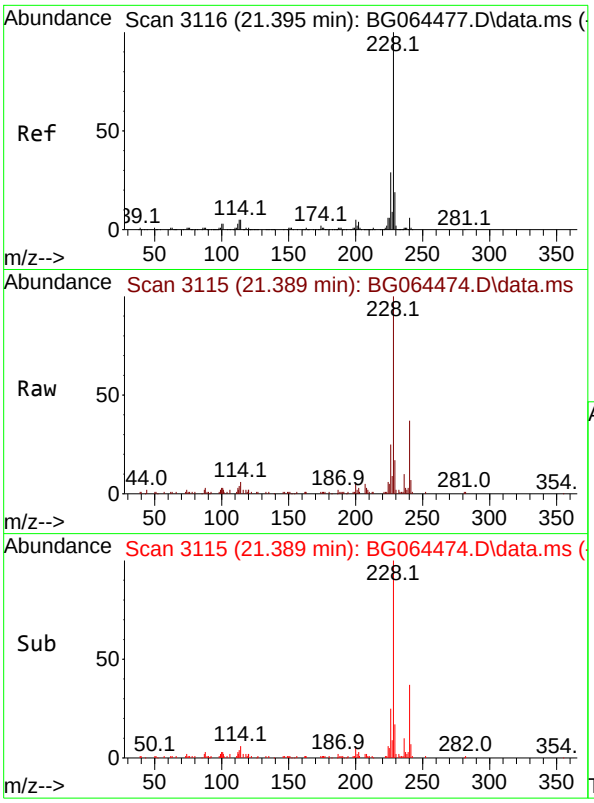


#80
Butylbenzylphthalate
Concen: 4.749 ng
RT: 20.496 min Scan# 2963
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 17773

Ion	Ratio	Lower	Upper
149	100		
91	74.3	53.7	80.5
206	19.3	16.6	24.8



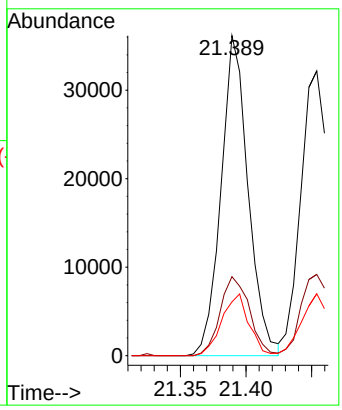


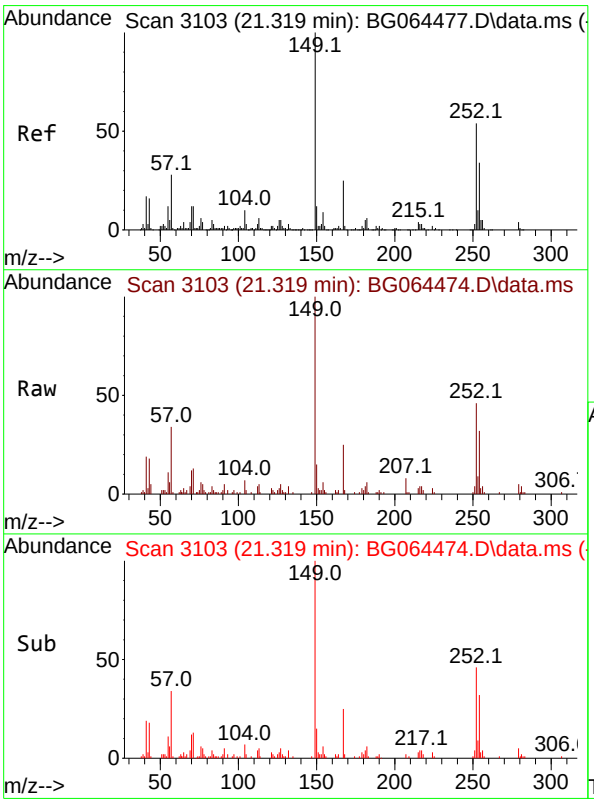
#81
Benzo(a)anthracene
Concen: 5.012 ng
RT: 21.389 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 52066

Ion	Ratio	Lower	Upper
228	100		
226	24.7	22.8	34.2
229	16.8	15.2	22.8

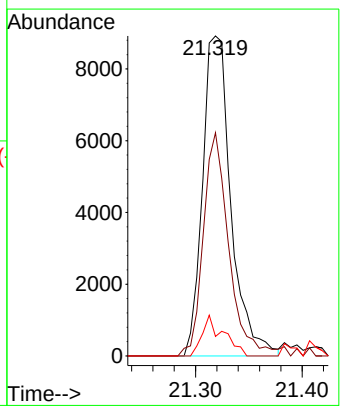


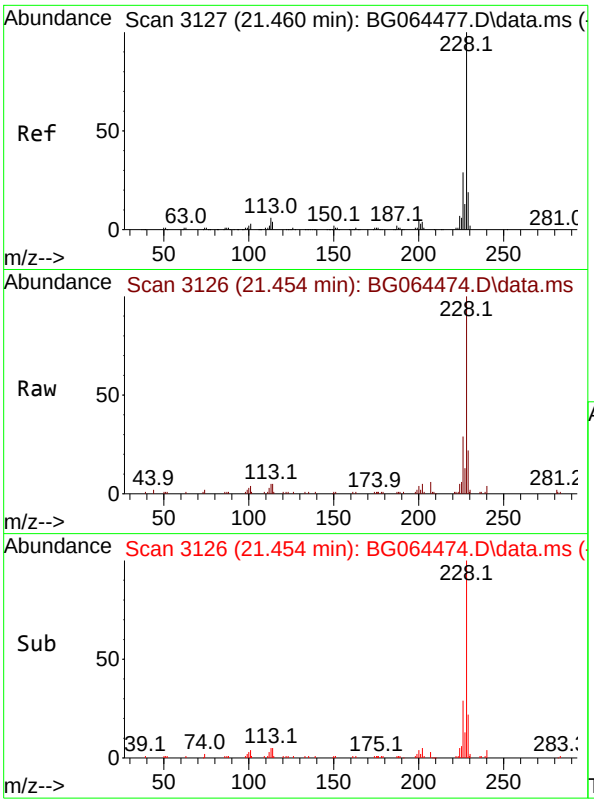


#82
3,3'-Dichlorobenzidine
Concen: 4.703 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:252 Resp: 16536

Ion	Ratio	Lower	Upper
252	100		
254	69.8	50.5	75.7
126	6.1	7.1	10.7#



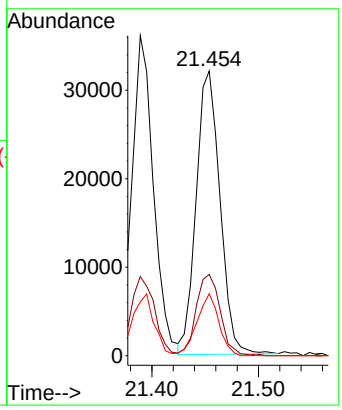


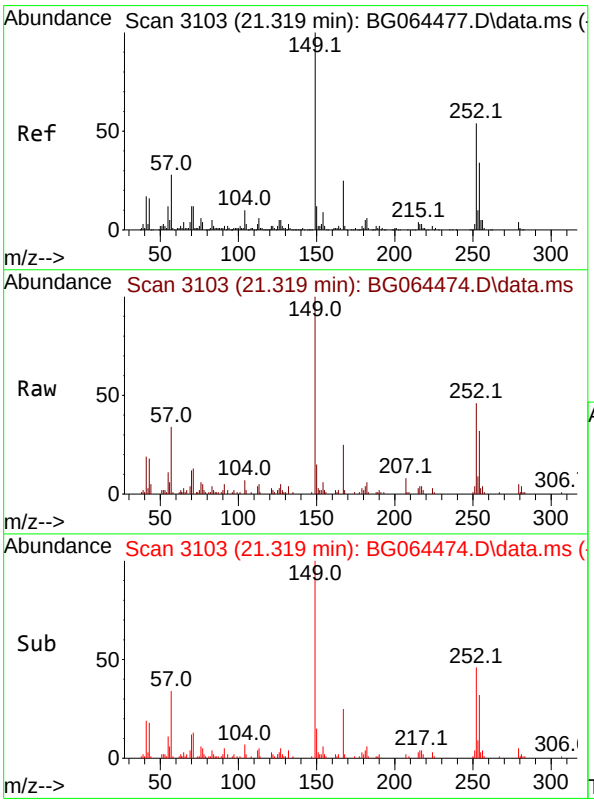
#83
Chrysene
Concen: 5.060 ng
RT: 21.454 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 49843

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	21.7	15.4	23.0

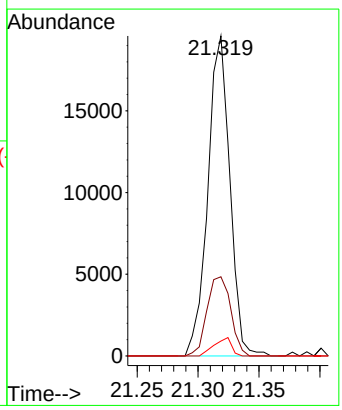


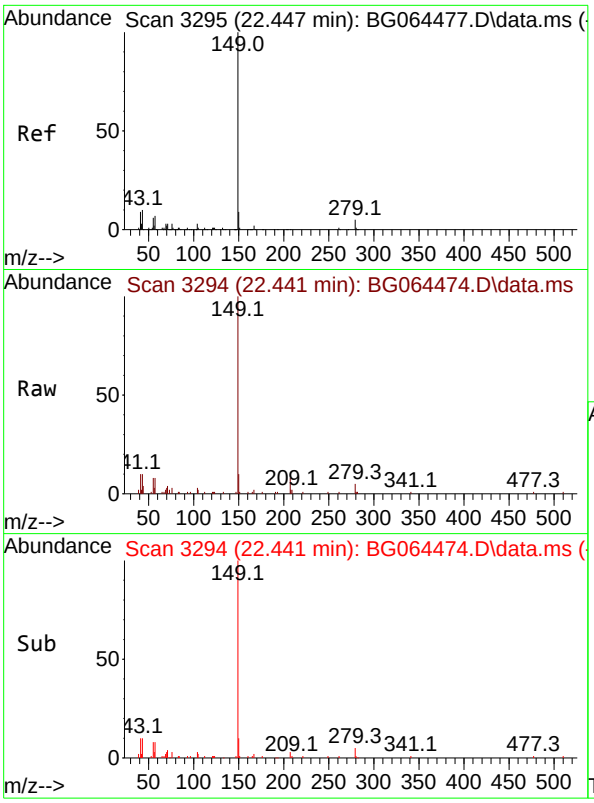


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.662 ng
RT: 21.319 min Scan# 3103
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:149 Resp: 24616

Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.7	29.5
279	4.7	3.4	5.2



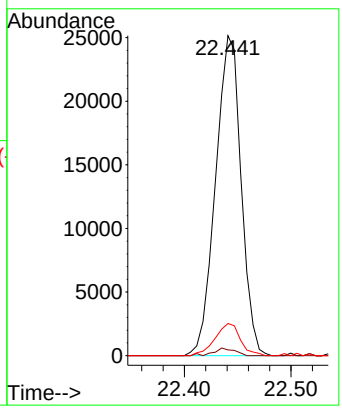


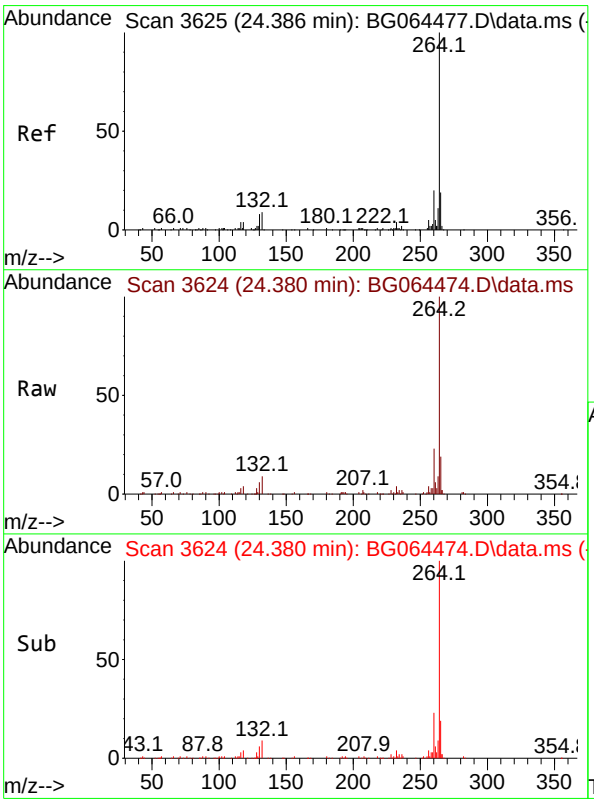
#85
Di-n-octyl phthalate
Concen: 4.706 ng
RT: 22.441 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 41767

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	10.0	7.9	11.9

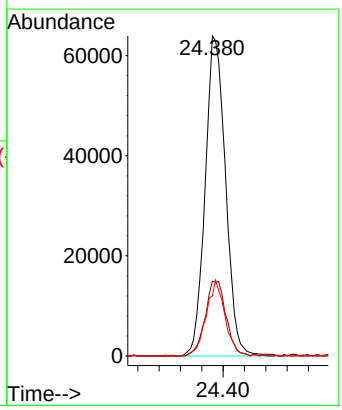


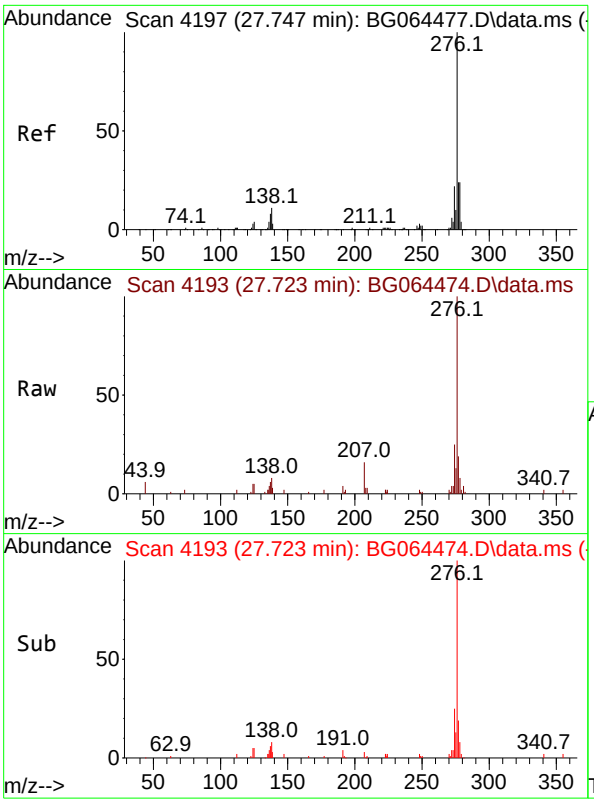


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:264 Resp: 169977

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.2	24.4
265	18.8	15.0	22.4



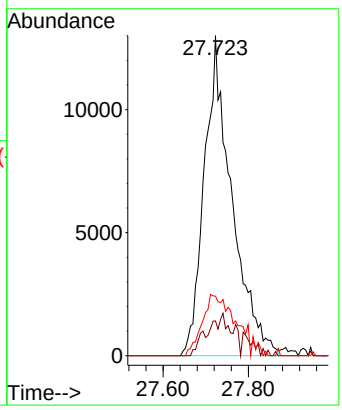


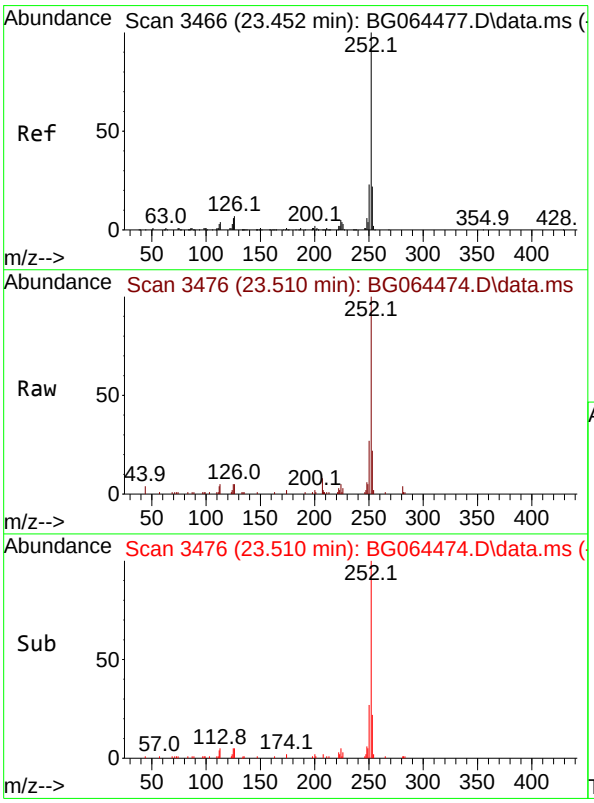
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.912 ng
RT: 27.723 min Scan# 4
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 58114

Ion	Ratio	Lower	Upper
276	100		
138	3.5	10.8	16.2#
277	23.6	20.3	30.5

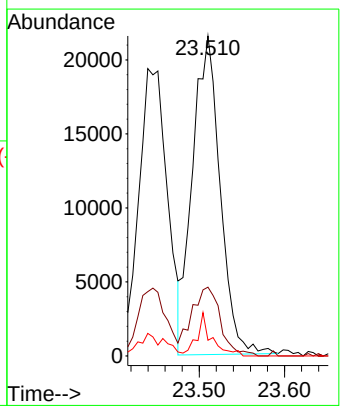


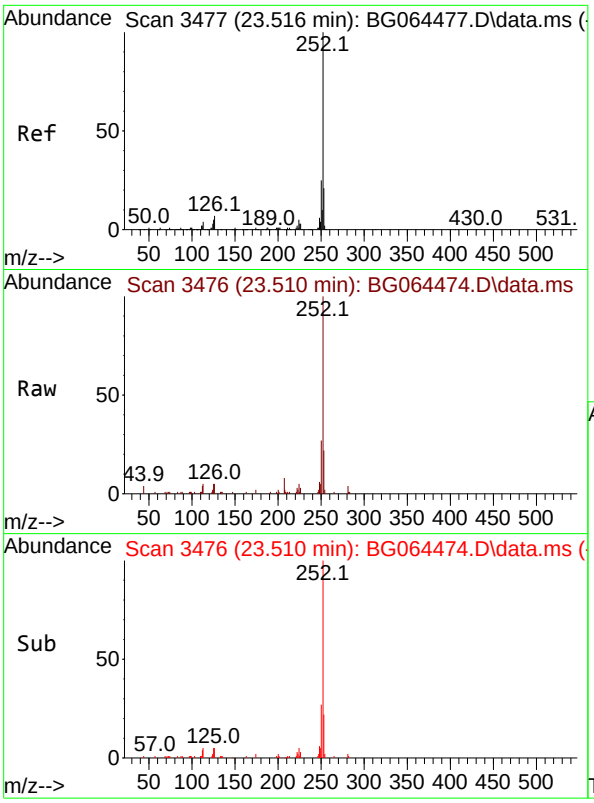


#88
Benzo(b)fluoranthene
Concen: 5.005 ng
RT: 23.510 min Scan# 3476
Delta R.T. 0.061 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:252 Resp: 48402

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	4.9	4.5	6.7



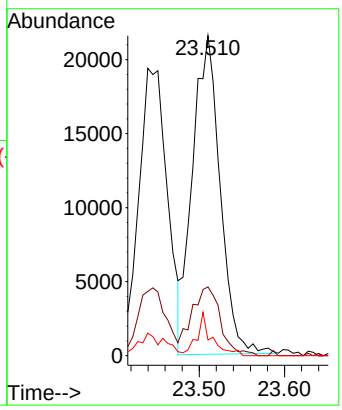


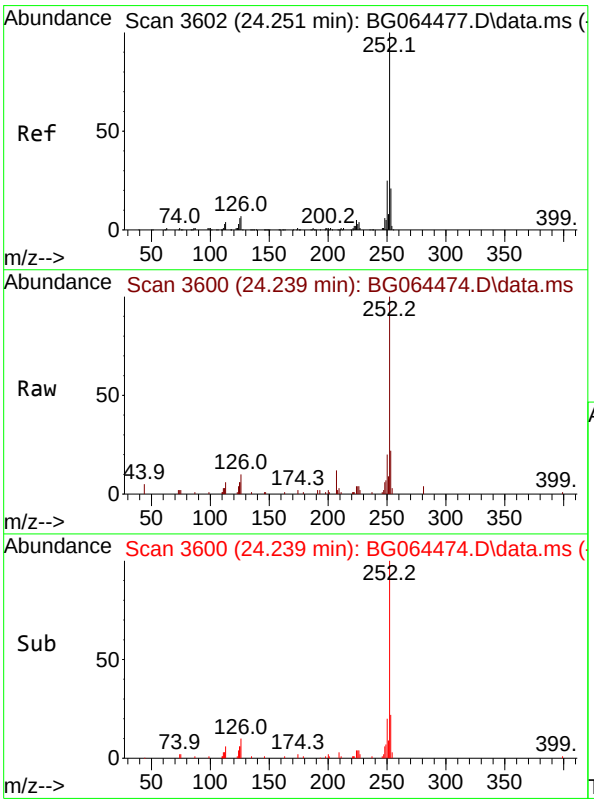
#89
Benzo(k)fluoranthene
Concen: 4.970 ng
RT: 23.510 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 48402

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	4.9	4.0	6.0

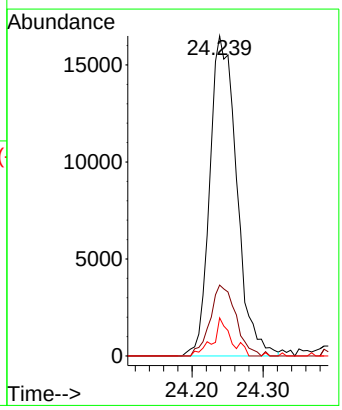


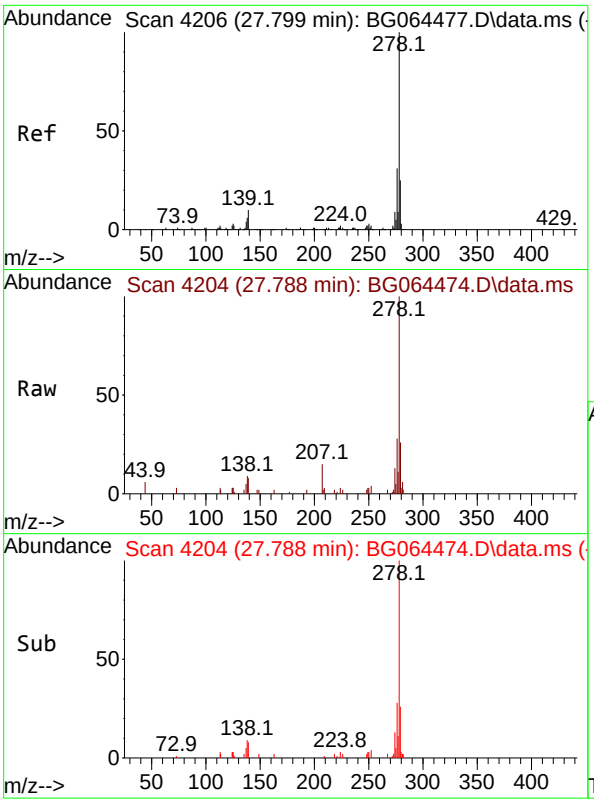


#90
Benzo(a)pyrene
Concen: 4.849 ng
RT: 24.239 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:252 Resp: 43216

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.9	4.6	6.8#



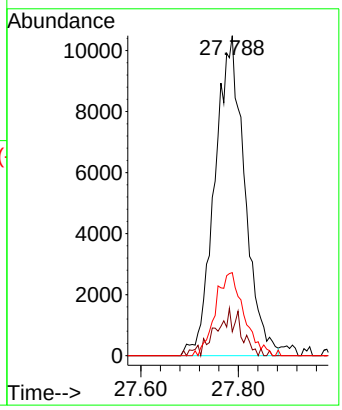


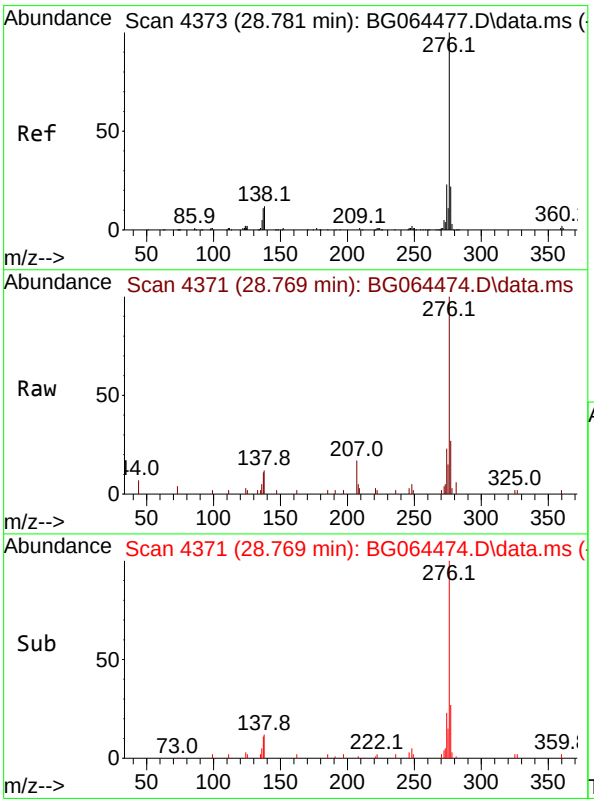
#91
Dibenzo(a,h)anthracene
Concen: 4.703 ng
RT: 27.788 min Scan# 4
Delta R.T. 0.008 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

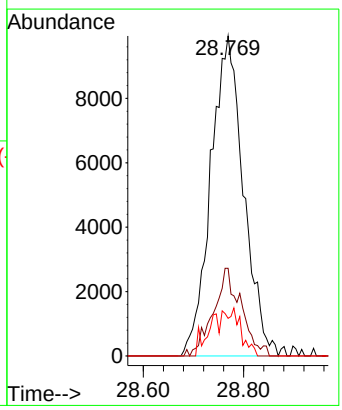
Tgt Ion:278 Resp: 44497

Ion	Ratio	Lower	Upper
278	100		
139	7.5	8.2	12.2#
279	25.9	19.6	29.4





#92
Benzo(g,h,i)perylene
Concen: 4.896 ng
RT: 28.769 min Scan# 4371
Delta R.T. 0.002 min
Lab File: BG064474.D
Acq: 2 Oct 2025 9:42

Tgt Ion:276 Resp: 45019

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.8	26.6#
138	11.8	9.4	14.0