Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060846.D
Acq On : 10 Apr 2024 9:36
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 10 10:16:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.947	152	65890	20.000	ng		-0.01
21) Naphthalene-d8	10.743	136	257343	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	193770	20.000	ng		-0.01
64) Phenanthrene-d10	17.324	188	457038	20.000	ng		-0.01
76) Chrysene-d12	21.584	240	450652	20.000	ng		-0.02
86) Perylene-d12	24.715	264	533932	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	299546	75.734	ng		0.00
7) Phenol-d6	7.112	99	433054	73.760	ng		0.00
23) Nitrobenzene-d5	9.104	82	411189	91.174	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	222039	100.945	ng		-0.01
45) 2-Fluorobiphenyl	13.199	172	1063211	80.528	ng		-0.02
79) Terphenyl-d14	19.950	244	1927428	75.310	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	62813	38.735	ng		97
3) Pyridine	3.851	79	185459	37.915	ng		93
4) n-Nitrosodimethylamine	3.763	42	117961	40.344	ng		98
6) Aniline	7.271	93	259465	34.996	ng		99
8) 2-Chlorophenol	7.512	128	164948	36.785	ng		96
9) Benzaldehyde	7.083	77	114487	35.363	ng		98
10) Phenol	7.136	94	218545	36.474	ng		98
11) bis(2-Chloroethyl)ether	7.371	93	167755	34.677	ng		94
12) 1,3-Dichlorobenzene	7.841	146	176067	37.758	ng		96
13) 1,4-Dichlorobenzene	7.982	146	178657	37.554	ng		96
14) 1,2-Dichlorobenzene	8.299	146	172802	37.065	ng		98
15) Benzyl Alcohol	8.182	79	169928	35.731	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.475	45	387733	35.515	ng		99
17) 2-Methylphenol	8.387	107	160162	35.408	ng		98
18) Hexachloroethane	9.034	117	62361	36.908	ng	#	87
19) n-Nitroso-di-n-propyla...	8.752	70	146167	32.646	ng	#	99
20) 3+4-Methylphenols	8.710	107	209107	33.759	ng		96
22) Acetophenone	8.763	105	272788	38.443	ng		98
24) Nitrobenzene	9.145	77	206271	41.488	ng		97
25) Isophorone	9.668	82	382275	36.801	ng		99
26) 2-Nitrophenol	9.850	139	82515	47.145	ng		93
27) 2,4-Dimethylphenol	9.915	122	158108	37.891	ng		99
28) bis(2-Chloroethoxy)met...	10.156	93	230560	37.596	ng		99
29) 2,4-Dichlorophenol	10.391	162	164585	42.953	ng		98
30) 1,2,4-Trichlorobenzene	10.608	180	180963	41.708	ng		97
31) Naphthalene	10.796	128	532525	38.254	ng		99
32) Benzoic acid	10.044	122	110294	40.906	ng		95
33) 4-Chloroaniline	10.896	127	240939	37.264	ng		99
34) Hexachlorobutadiene	11.084	225	130858	45.254	ng		97
35) Caprolactam	11.666	113	54182	35.702	ng		94
36) 4-Chloro-3-methylphenol	12.018	107	193334	39.497	ng		97
37) 2-Methylnaphthalene	12.400	142	396693	38.761	ng		98
38) 1-Methylnaphthalene	12.618	142	375085	38.795	ng		98
40) 1,2,4,5-Tetrachloroben...	12.765	216	239744	43.037	ng		99
41) Hexachlorocyclopentadiene	12.753	237	127806	45.120	ng		100
43) 2,4,6-Trichlorophenol	13.005	196	162538	45.313	ng		94

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060846.D
Acq On : 10 Apr 2024 9:36
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 10 10:16:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

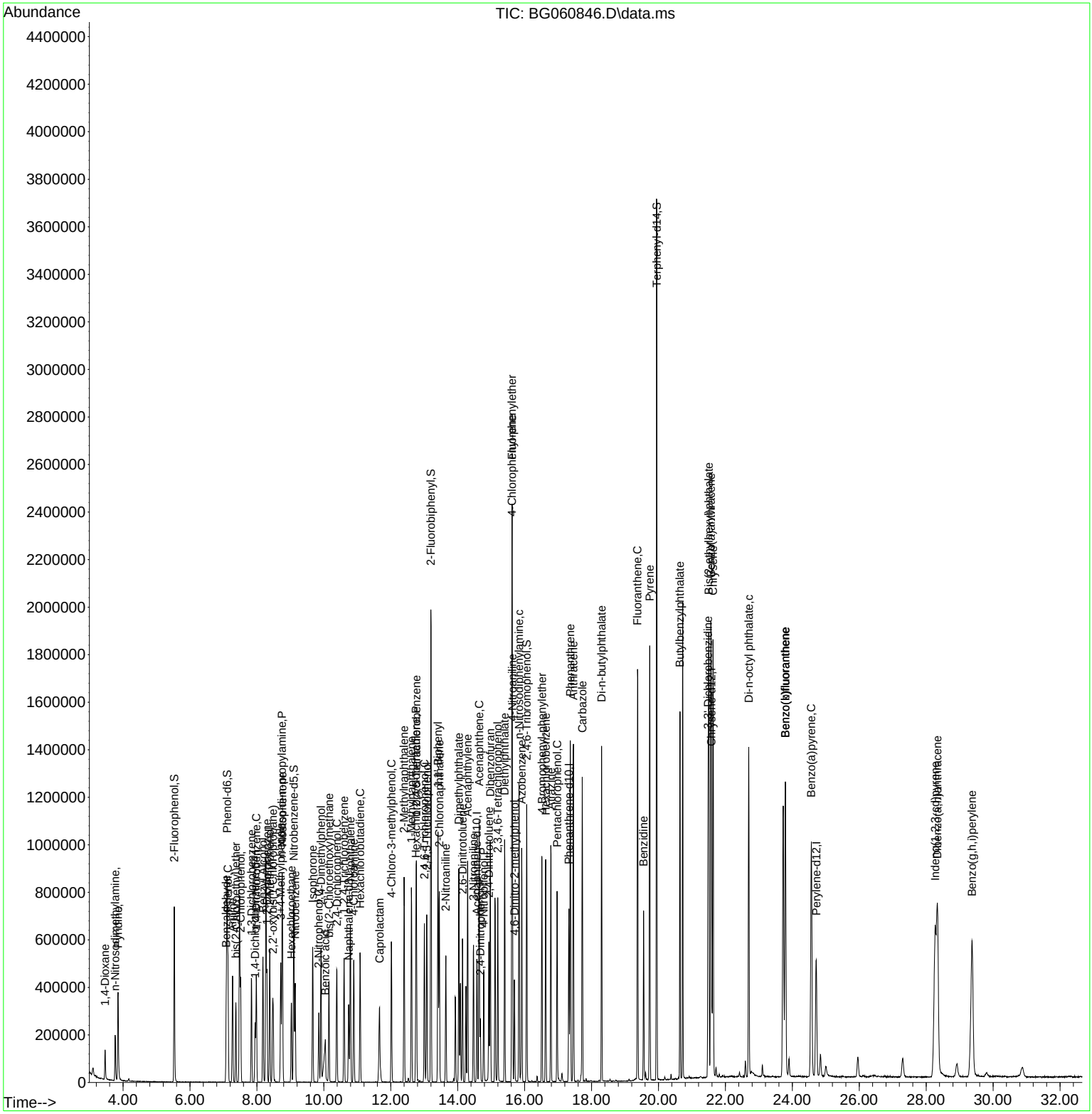
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	192017	44.856	ng		97
46) 1,1'-Biphenyl	13.411	154	531265	38.816	ng		99
47) 2-Chloronaphthalene	13.452	162	406774	39.118	ng		100
48) 2-Nitroaniline	13.646	65	151438	45.370	ng		99
49) Acenaphthylene	14.298	152	672476	38.488	ng		100
50) Dimethylphthalate	14.034	163	576724	37.656	ng		100
51) 2,6-Dinitrotoluene	14.145	165	119014	43.735	ng		98
52) Acenaphthene	14.645	154	433612	39.526	ng		99
53) 3-Nitroaniline	14.474	138	124917	41.910	ng		93
54) 2,4-Dinitrophenol	14.680	184	57609	54.039	ng		91
55) Dibenzofuran	14.974	168	659356	38.104	ng		97
56) 4-Nitrophenol	14.780	139	99980	44.654	ng		98
57) 2,4-Dinitrotoluene	14.933	165	161653	45.625	ng	#	98
58) Fluorene	15.626	166	531949	38.303	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.197	232	166709	44.688	ng		97
60) Diethylphthalate	15.403	149	558579	36.251	ng		98
61) 4-Chlorophenyl-phenyle...	15.620	204	289545	39.409	ng		99
62) 4-Nitroaniline	15.638	138	134200	47.925	ng		96
63) Azobenzene	15.914	77	534671	35.609	ng		96
65) 4,6-Dinitro-2-methylph...	15.696	198	89707	47.626	ng		97
66) n-Nitrosodiphenylamine	15.832	169	500742	38.340	ng		100
67) 4-Bromophenyl-phenylether	16.519	248	201304	43.400	ng		97
68) Hexachlorobenzene	16.631	284	215688	41.193	ng		98
69) Atrazine	16.789	200	183568	40.193	ng		97
70) Pentachlorophenol	16.971	266	154881	45.333	ng		98
71) Phenanthrene	17.365	178	908597	38.225	ng		99
72) Anthracene	17.459	178	940381	38.956	ng		100
73) Carbazole	17.723	167	818283	38.447	ng		99
74) Di-n-butylphthalate	18.299	149	967413	36.459	ng		100
75) Fluoranthene	19.374	202	1147918	39.799	ng		98
77) Benzidine	19.557	184	412940	34.798	ng		99
78) Pyrene	19.739	202	1186184	37.636	ng		99
80) Butylbenzylphthalate	20.644	149	435975	37.920	ng		95
81) Benzo(a)anthracene	21.566	228	1226815	38.620	ng		99
82) 3,3'-Dichlorobenzidine	21.484	252	432534	40.326	ng		99
83) Chrysene	21.631	228	1189920	38.864	ng		99
84) Bis(2-ethylhexyl)phtha...	21.507	149	645950	35.250	ng		97
85) Di-n-octyl phthalate	22.700	149	1103003	36.947	ng		99
87) Indeno(1,2,3-cd)pyrene	28.270	276	1443091	38.380	ng	#	96
88) Benzo(b)fluoranthene	23.793	252	1217914	39.705	ng		99
89) Benzo(k)fluoranthene	23.793	252	1217914	38.792	ng		99
90) Benzo(a)pyrene	24.568	252	1154240	38.721	ng		98
91) Dibenzo(a,h)anthracene	28.334	278	1210594	38.194	ng		96
92) Benzo(g,h,i)perylene	29.369	276	1174350	38.088	ng		98

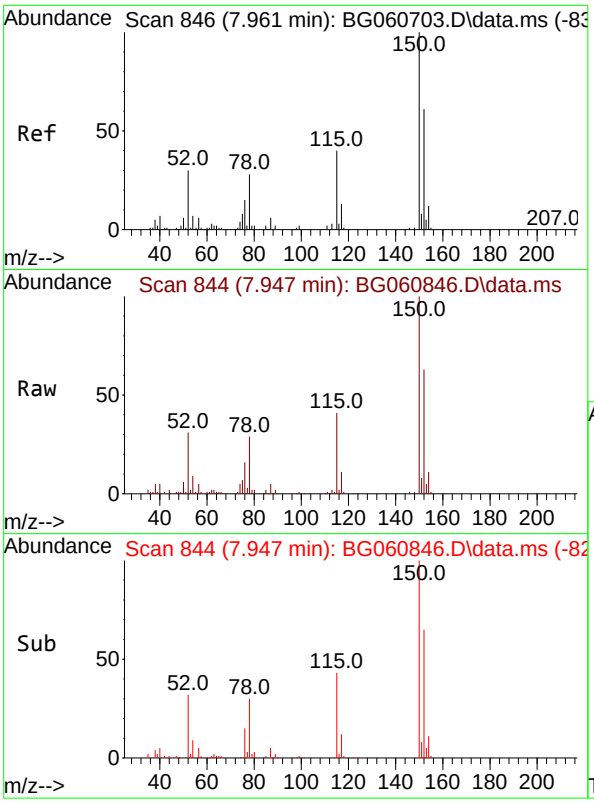
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060846.D
Acq On : 10 Apr 2024 9:36
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 10 10:16:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



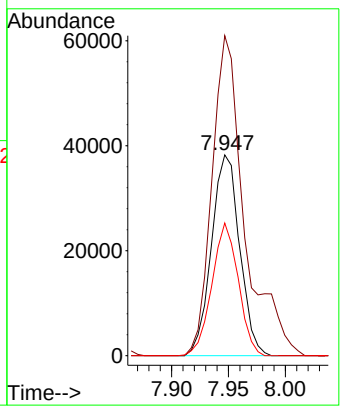


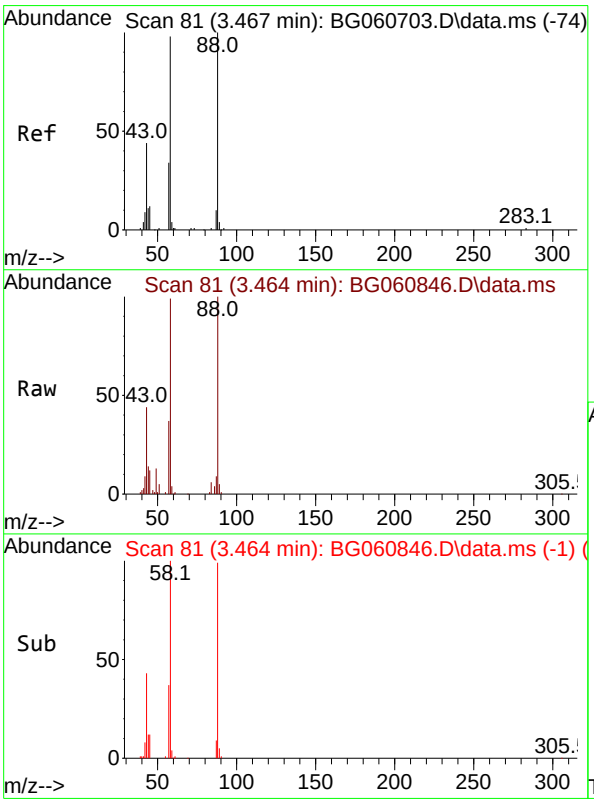
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 65890

Ion	Ratio	Lower	Upper
152	100		
150	159.3	130.2	195.4
115	66.0	51.6	77.4

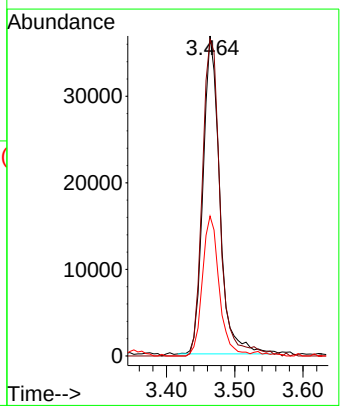


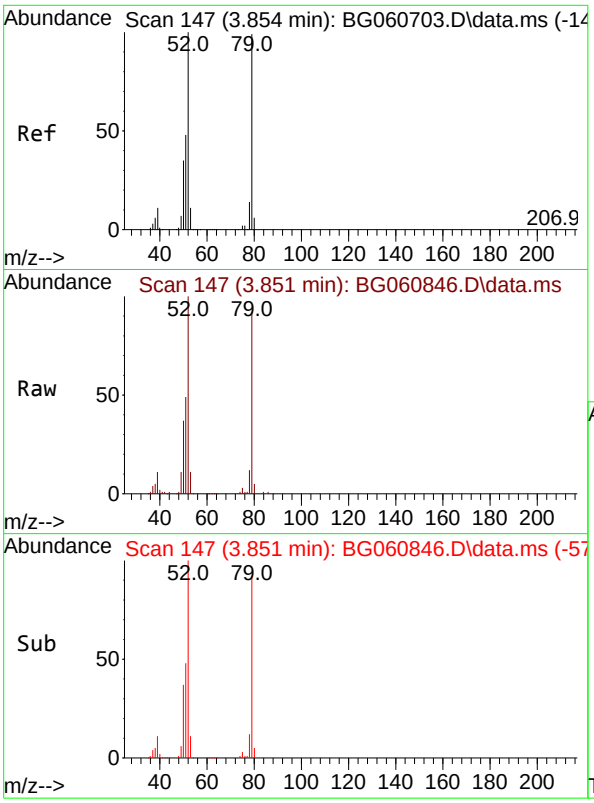


#2
1,4-Dioxane
Concen: 38.735 ng
RT: 3.464 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 88 Resp: 62813

Ion	Ratio	Lower	Upper
88	100		
58	105.7	80.9	121.3
43	44.1	35.4	53.0



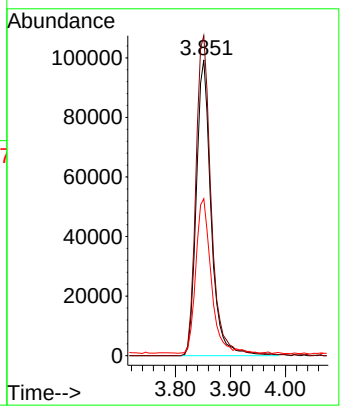


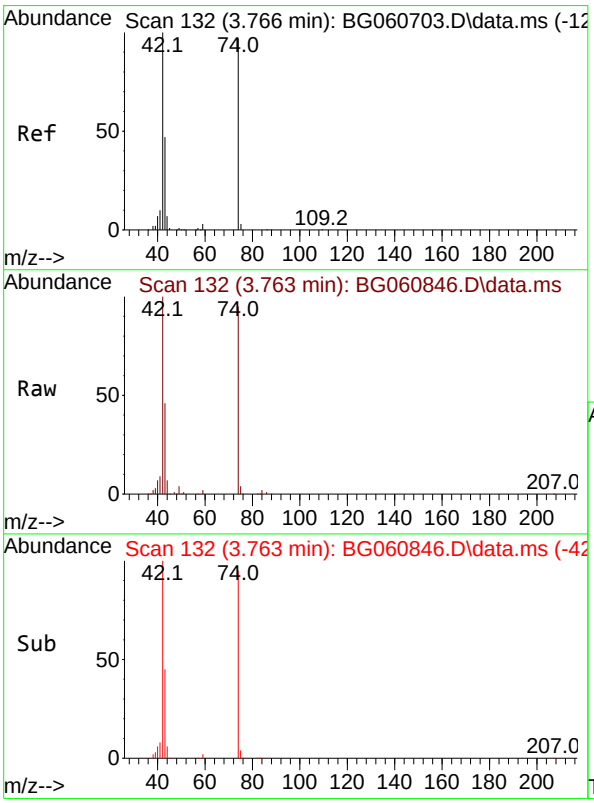
#3
Pyridine
Concen: 37.915 ng
RT: 3.851 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 185459

Ion	Ratio	Lower	Upper
79	100		
52	108.1	80.6	120.8
51	53.0	39.1	58.7

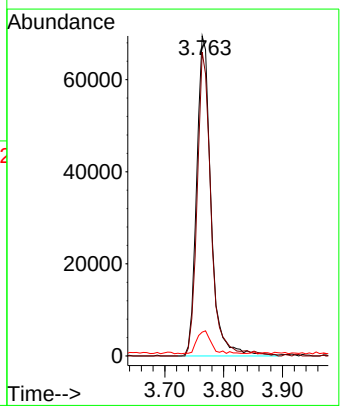


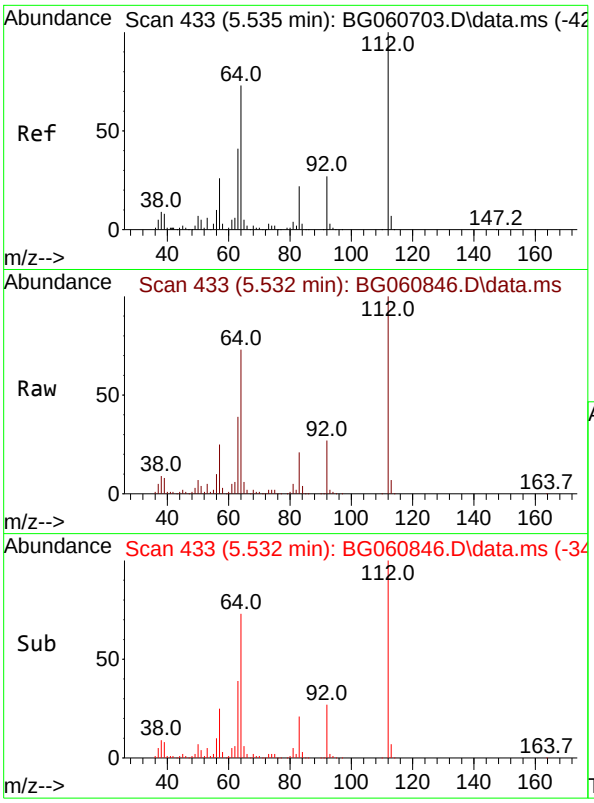


#4
n-Nitrosodimethylamine
Concen: 40.344 ng
RT: 3.763 min Scan# 132
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 42 Resp: 117961

Ion	Ratio	Lower	Upper
42	100		
74	94.9	77.8	116.8
44	7.4	6.8	10.2



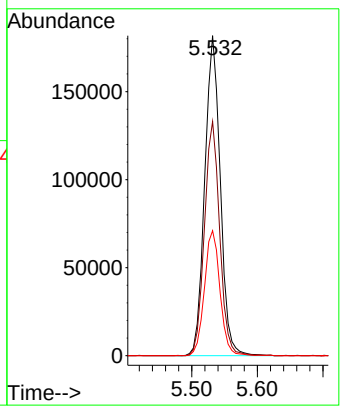


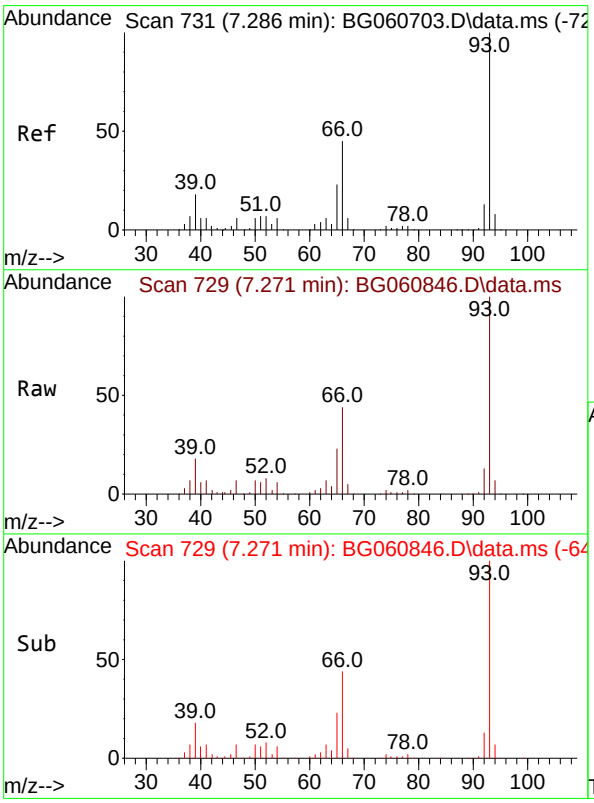
#5
2-Fluorophenol
Concen: 75.734 ng
RT: 5.532 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 299546

Ion	Ratio	Lower	Upper
112	100		
64	73.2	58.4	87.6
63	39.1	32.7	49.1

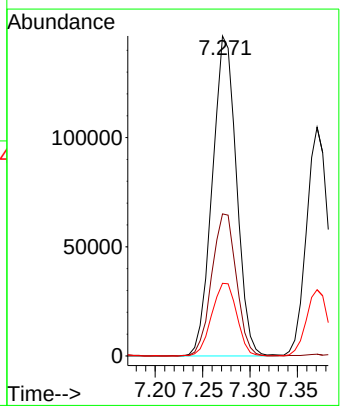


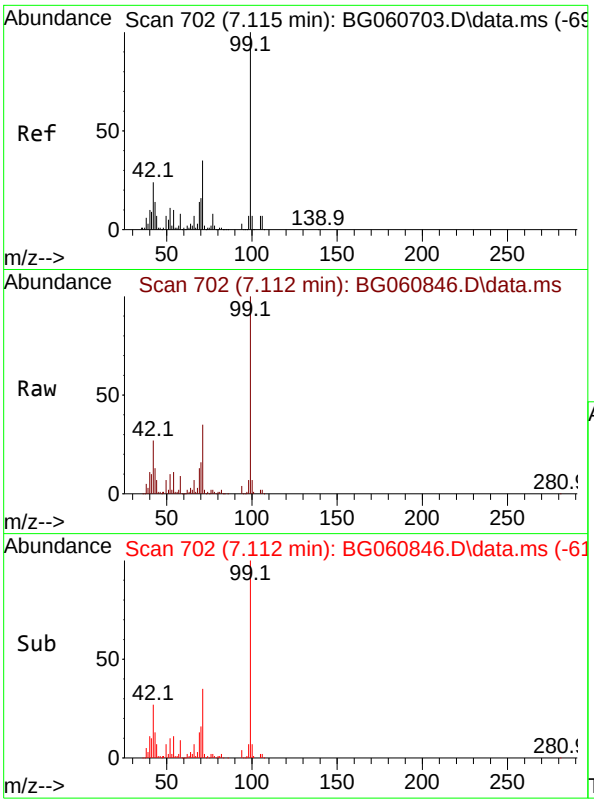


#6
Aniline
Concen: 34.996 ng
RT: 7.271 min Scan# 729
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 93 Resp: 259465

Ion	Ratio	Lower	Upper
93	100		
66	44.4	36.1	54.1
65	22.7	18.1	27.1



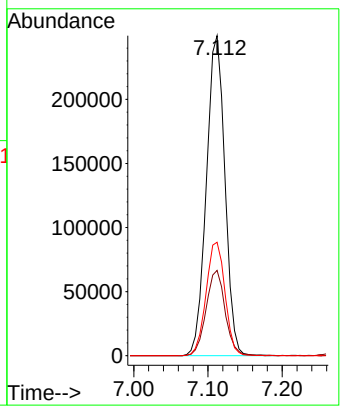


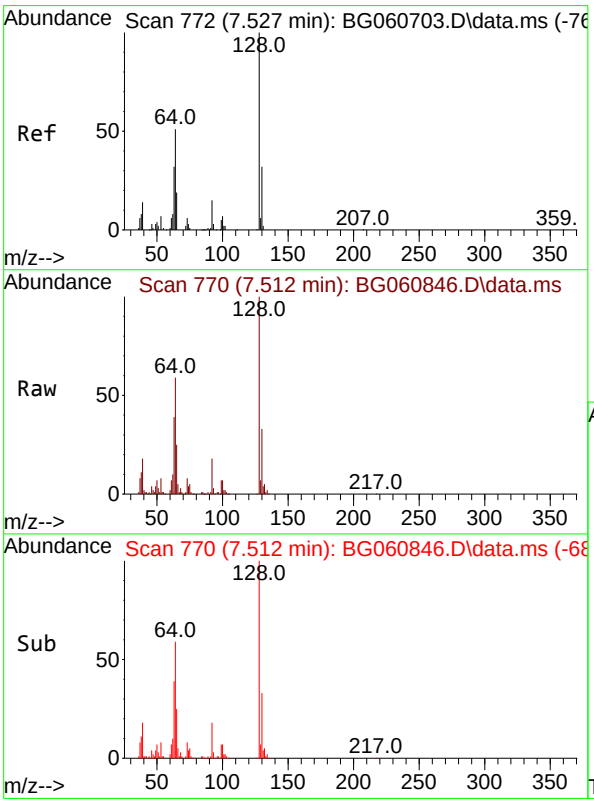
#7
Phenol-d6
Concen: 73.760 ng
RT: 7.112 min Scan# 7(
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 433054

Ion	Ratio	Lower	Upper
99	100		
42	26.7	19.4	29.2
71	35.5	28.2	42.2

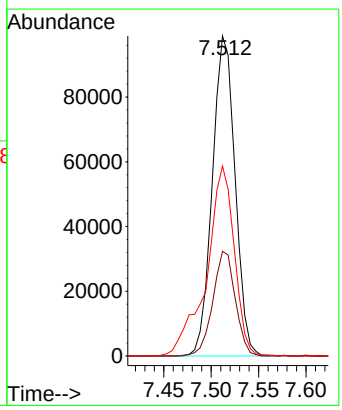


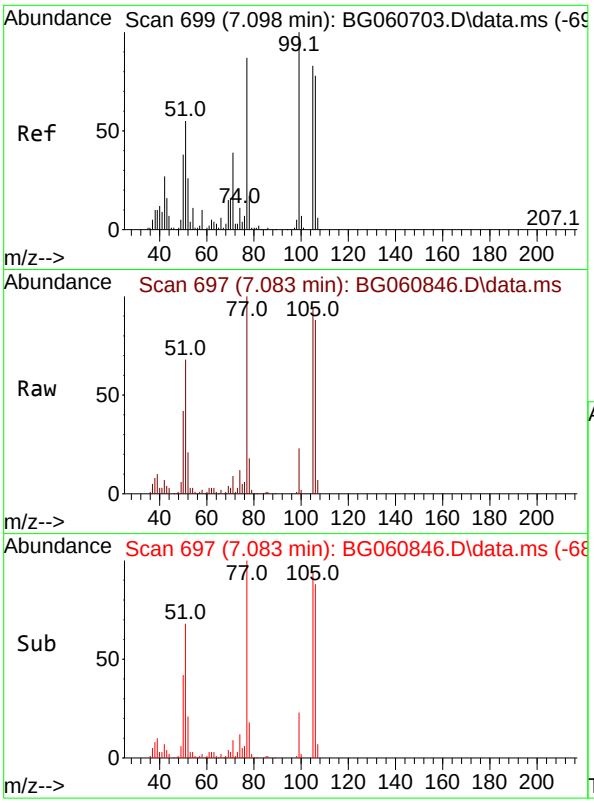


#8
2-Chlorophenol
Concen: 36.785 ng
RT: 7.512 min Scan# 770
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:128 Resp: 164948

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	59.4	35.0	75.0



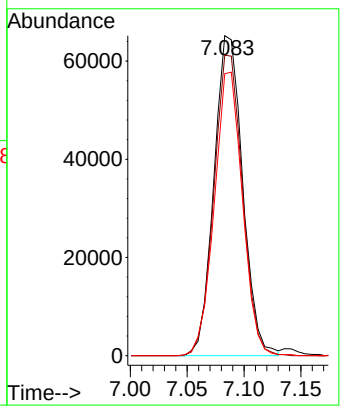


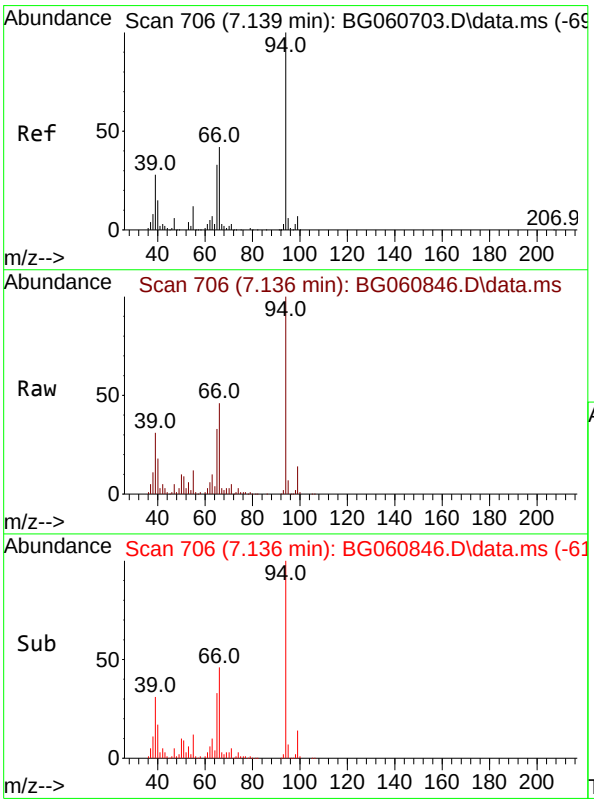
#9
Benzaldehyde
Concen: 35.363 ng
RT: 7.083 min Scan# 6
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 114487

Ion	Ratio	Lower	Upper
77	100		
105	93.9	76.0	116.0
106	88.1	70.3	110.3

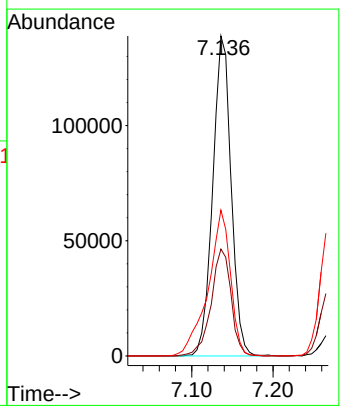


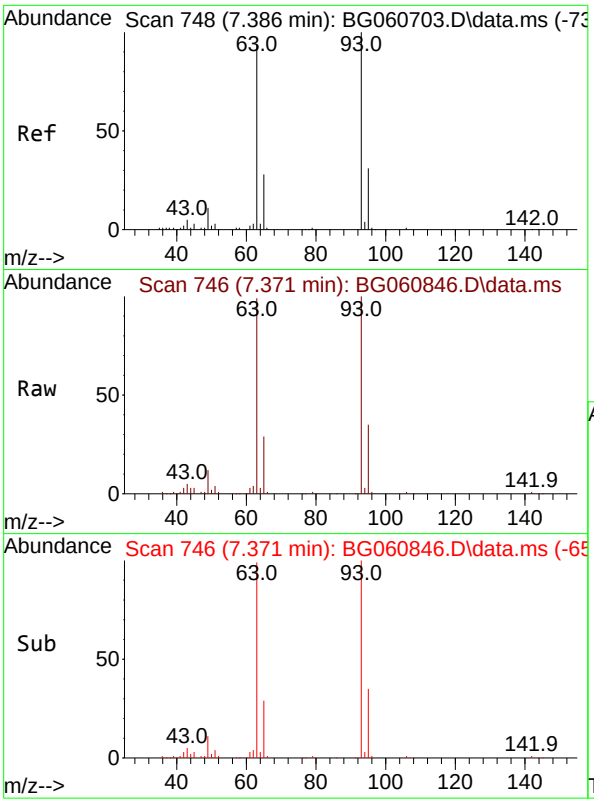


#10
Phenol
Concen: 36.474 ng
RT: 7.136 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 94 Resp: 218545

Ion	Ratio	Lower	Upper
94	100		
65	33.4	13.3	53.3
66	45.6	22.9	62.9



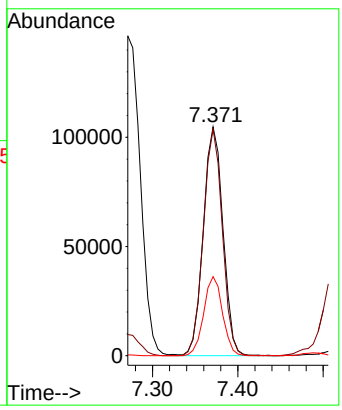


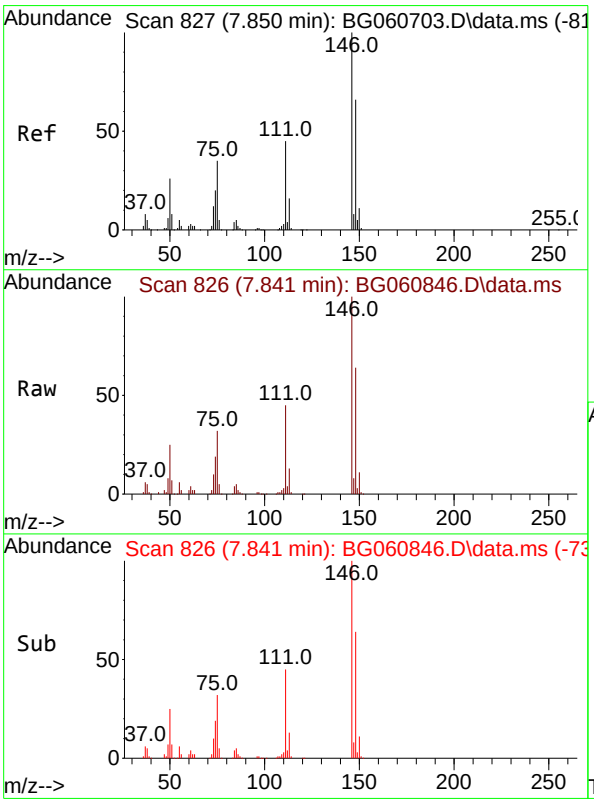
#11
bis(2-Chloroethyl)ether
Concen: 34.677 ng
RT: 7.371 min Scan# 74
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 167755

Ion	Ratio	Lower	Upper
93	100		
63	99.0	73.7	113.7
95	34.6	11.2	51.2

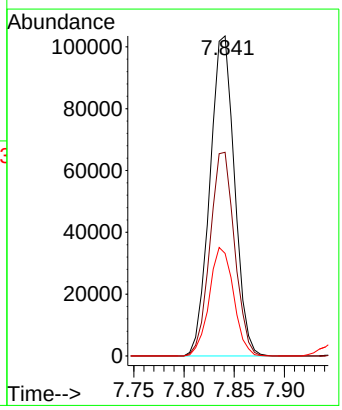


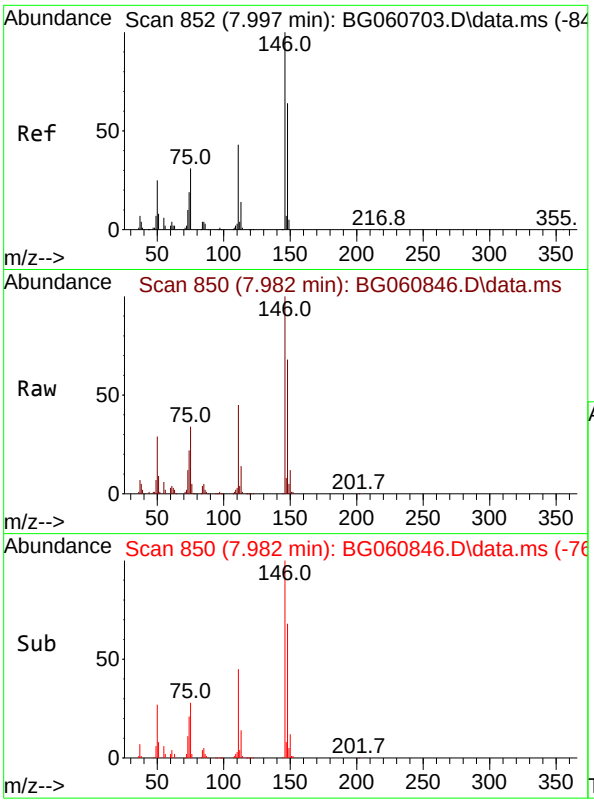


#12
1,3-Dichlorobenzene
Concen: 37.758 ng
RT: 7.841 min Scan# 826
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:146 Resp: 176067

Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.0	79.4
75	32.0	28.1	42.1



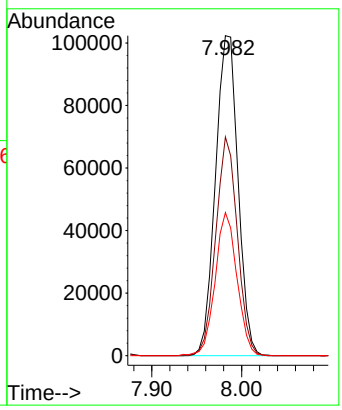


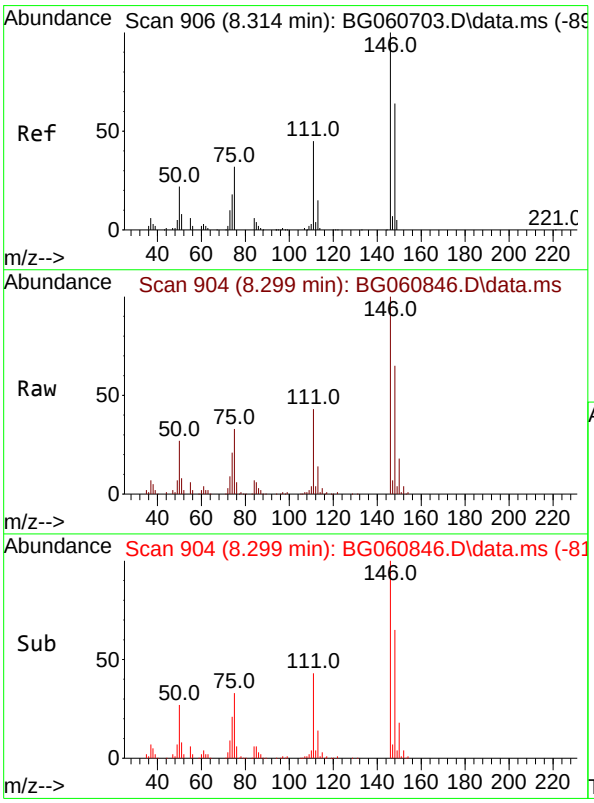
#13
1,4-Dichlorobenzene
Concen: 37.554 ng
RT: 7.982 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 178657

Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.1	76.7
111	44.7	35.0	52.6

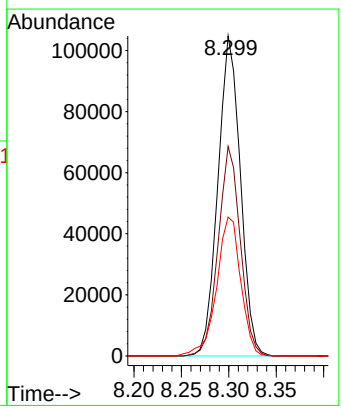


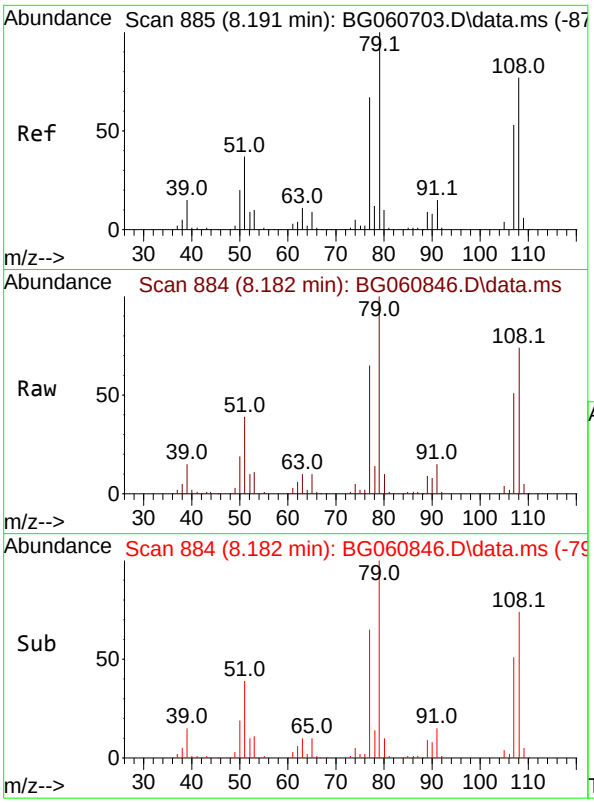


#14
1,2-Dichlorobenzene
Concen: 37.065 ng
RT: 8.299 min Scan# 904
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:146 Resp: 172802

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	43.4	36.0	54.0



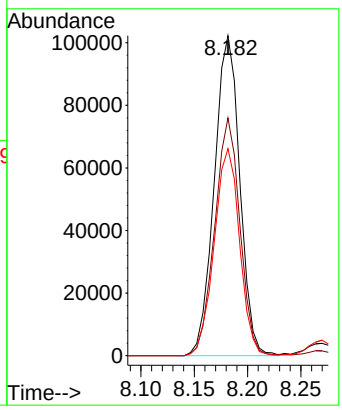


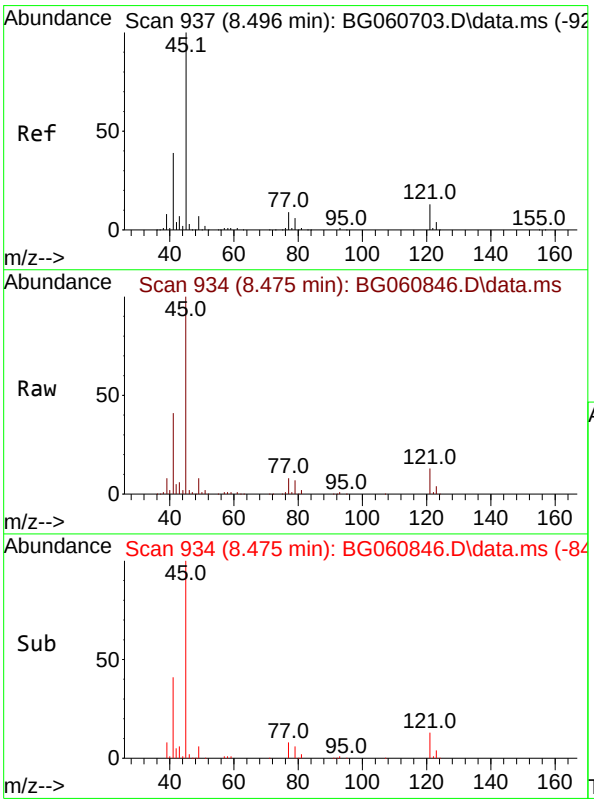
#15
Benzyl Alcohol
Concen: 35.731 ng
RT: 8.182 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 169928

Ion	Ratio	Lower	Upper
79	100		
108	74.3	61.4	92.0
77	64.7	53.6	80.4

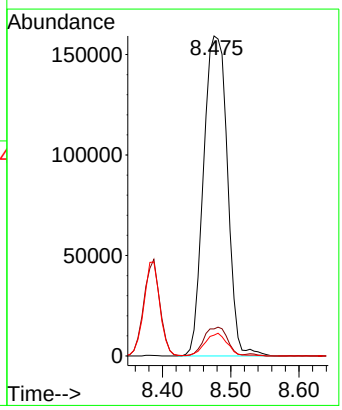


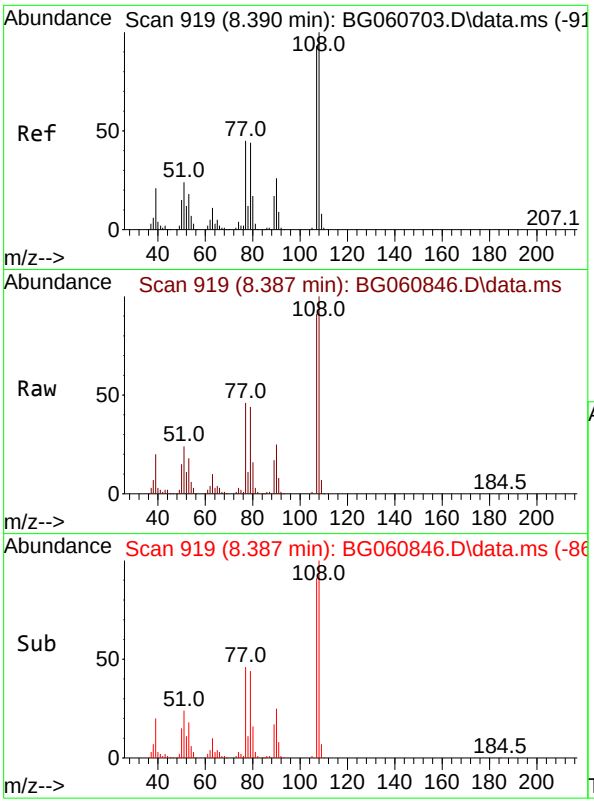


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.515 ng
RT: 8.475 min Scan# 934
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 45 Resp: 387733

Ion	Ratio	Lower	Upper
45	100		
77	8.5	0.0	29.1
79	6.5	0.0	26.5



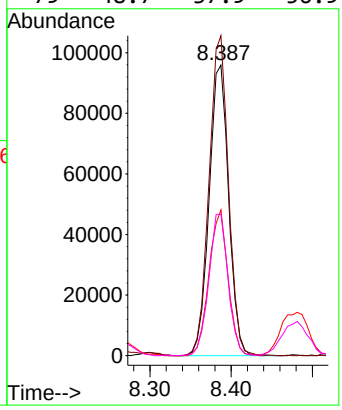


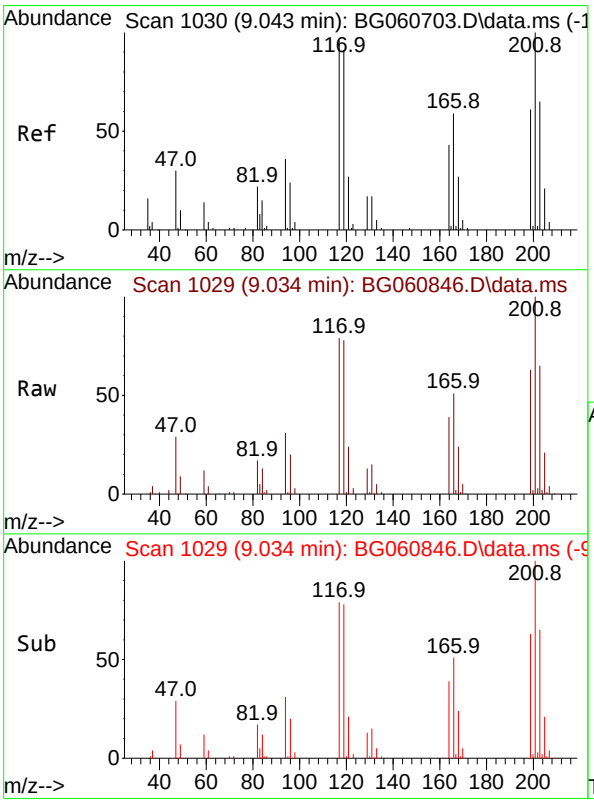
#17
2-Methylphenol
Concen: 35.408 ng
RT: 8.387 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 160162

Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.4	129.6
77	50.2	38.6	58.0
79	48.7	37.9	56.9

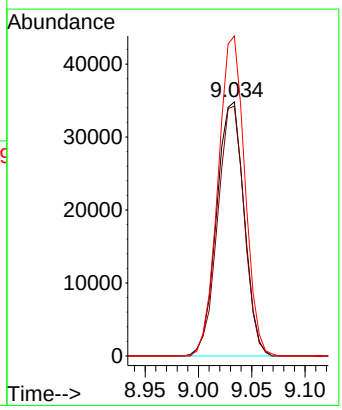


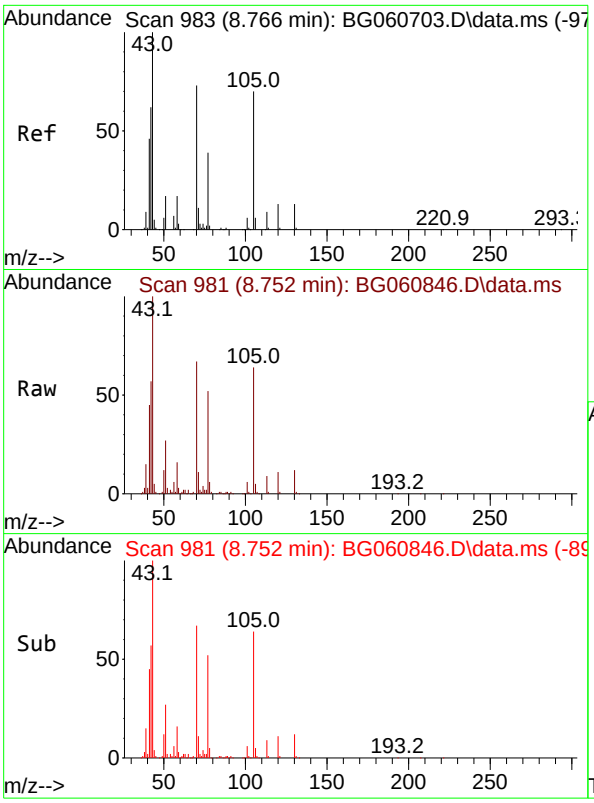


#18
Hexachloroethane
Concen: 36.908 ng
RT: 9.034 min Scan# 1029
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:117 Resp: 62361

Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.7	113.5
201	125.9	83.4	125.2#



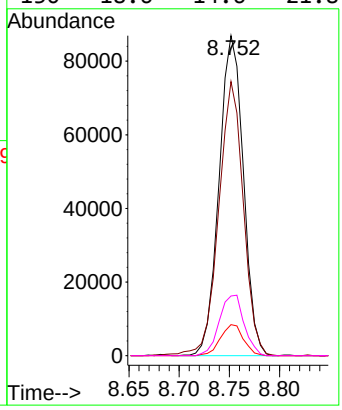


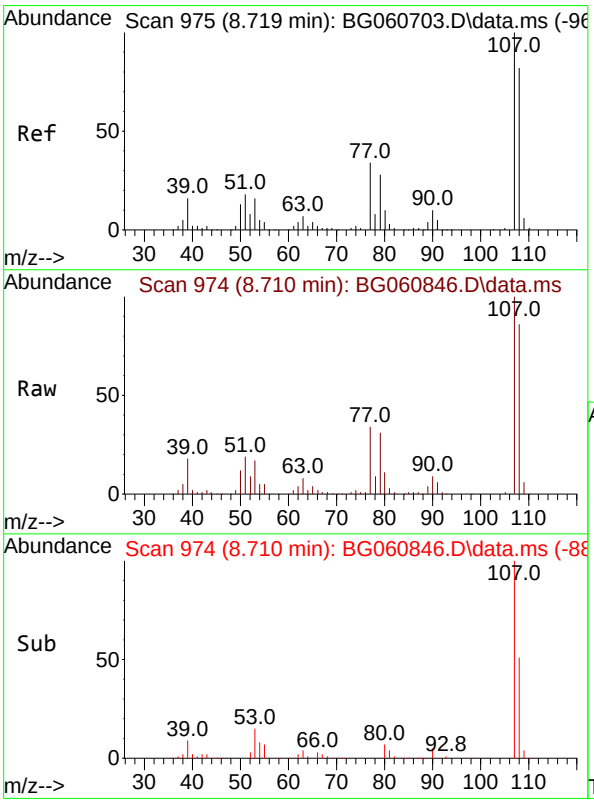
#19
n-Nitroso-di-n-propylamine
Concen: 32.646 ng
RT: 8.752 min Scan# 9
Delta R.T. -0.014 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 146167

Ion	Ratio	Lower	Upper
70	100		
42	85.7	68.4	102.6
101	9.7	6.1	9.1#
130	18.6	14.6	21.8

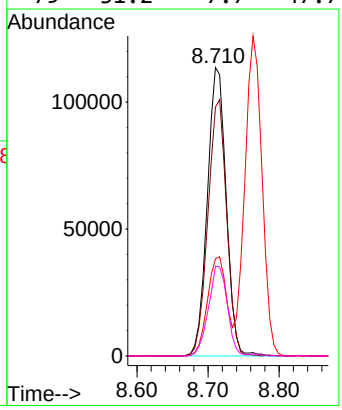


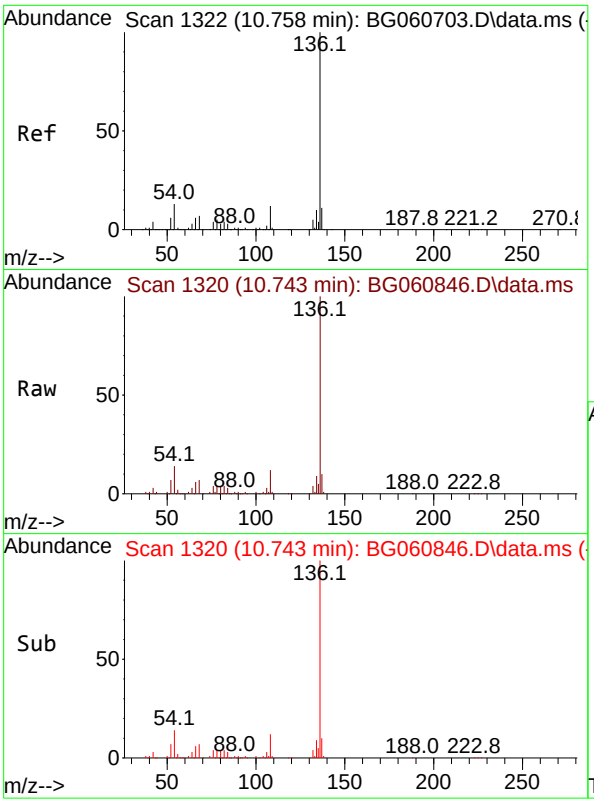


#20
3+4-Methylphenols
Concen: 33.759 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:107 Resp: 209107

Ion	Ratio	Lower	Upper
107	100		
108	86.2	62.2	102.2
77	33.7	14.1	54.1
79	31.2	7.7	47.7



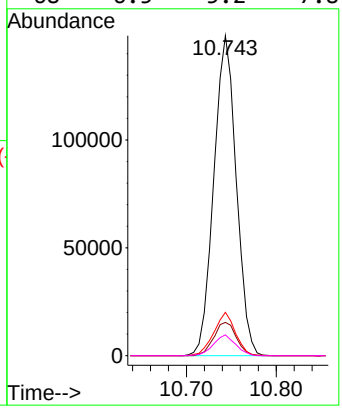


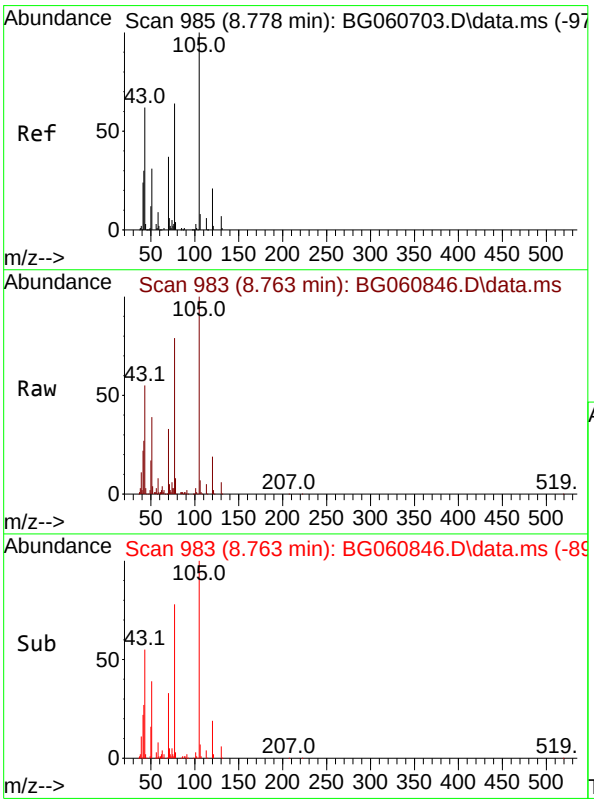
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 257343

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	13.5	10.2	15.2
68	6.5	5.2	7.8

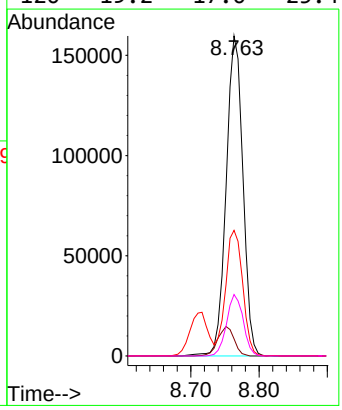


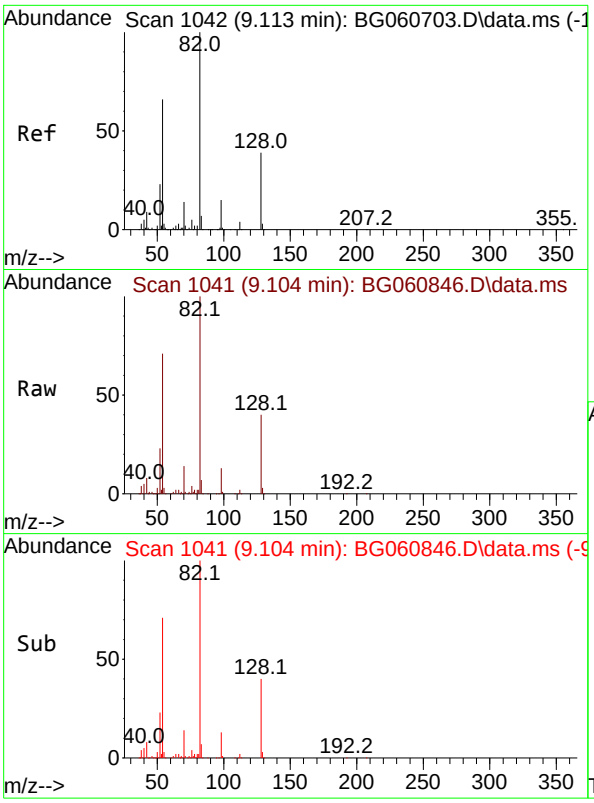


#22
Acetophenone
Concen: 38.443 ng
RT: 8.763 min Scan# 983
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:105 Resp: 272788

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.9	7.3
51	39.3	31.1	46.7
120	19.2	17.0	25.4



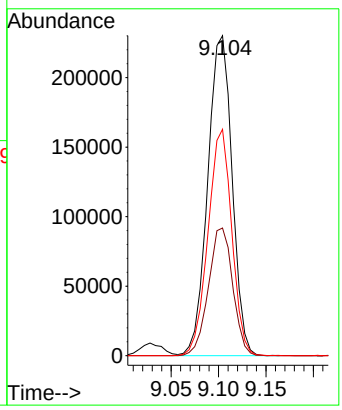


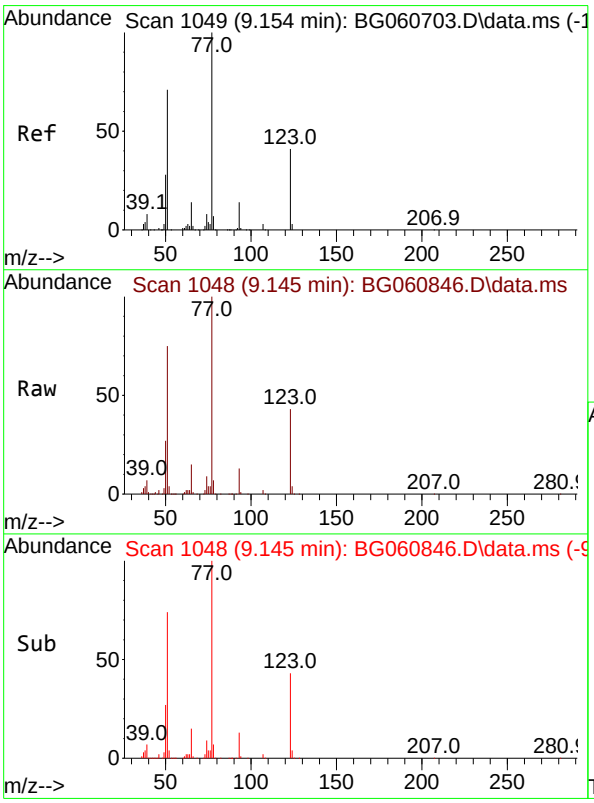
#23
Nitrobenzene-d5
Concen: 91.174 ng
RT: 9.104 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 411189

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.2	46.8
54	70.8	53.2	79.8

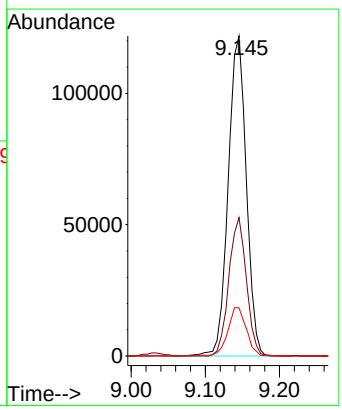


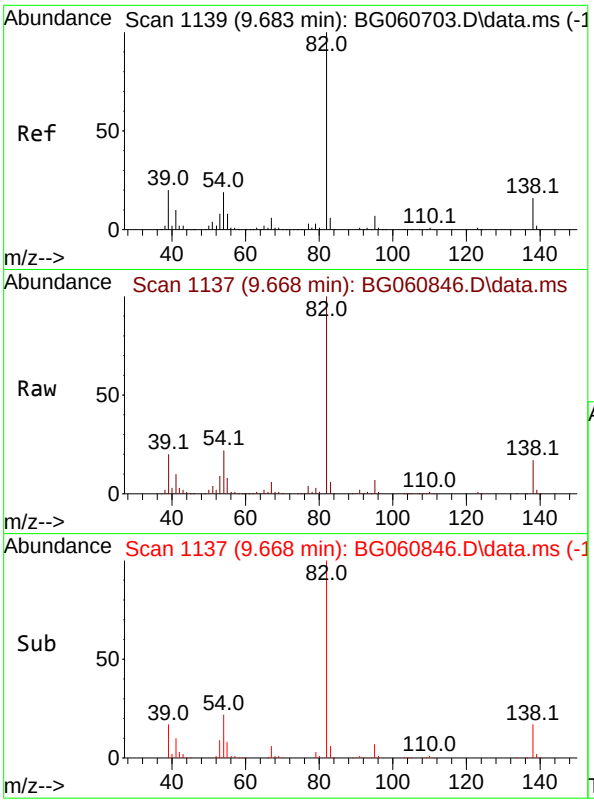


#24
Nitrobenzene
Concen: 41.488 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 77 Resp: 206271

Ion	Ratio	Lower	Upper
77	100		
123	43.2	32.7	49.1
65	15.0	11.3	16.9



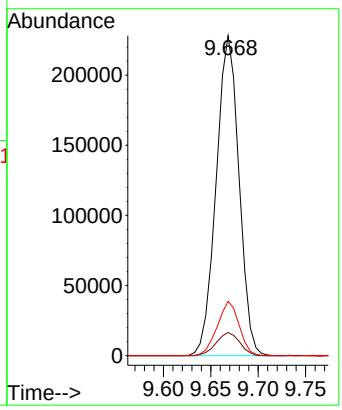


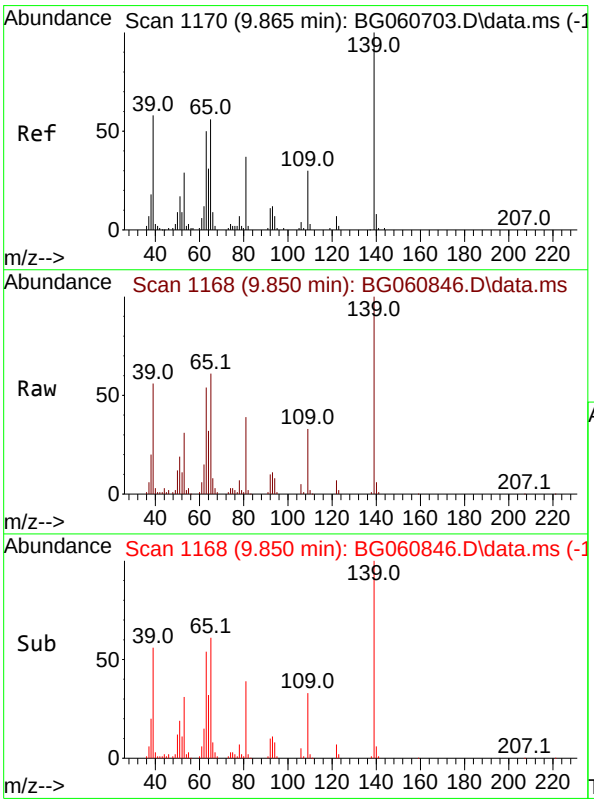
#25
Isophorone
Concen: 36.801 ng
RT: 9.668 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 382275

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.0	13.0	19.4

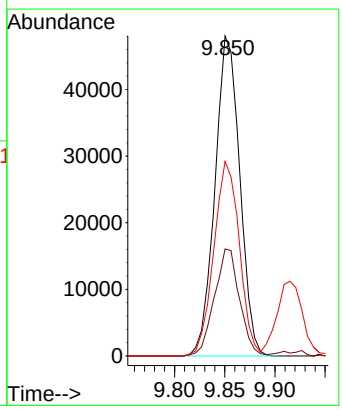


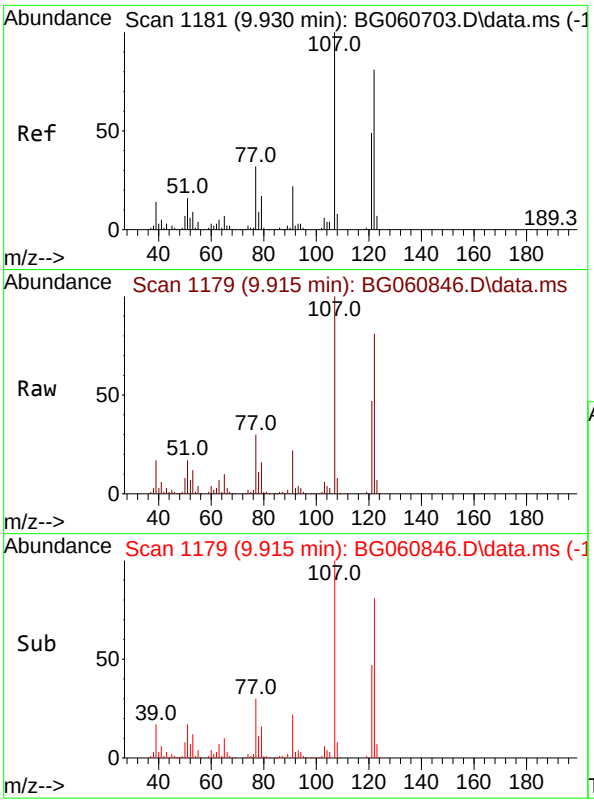


#26
2-Nitrophenol
Concen: 47.145 ng
RT: 9.850 min Scan# 1168
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:139 Resp: 82515

Ion	Ratio	Lower	Upper
139	100		
109	33.5	23.9	35.9
65	60.8	44.5	66.7



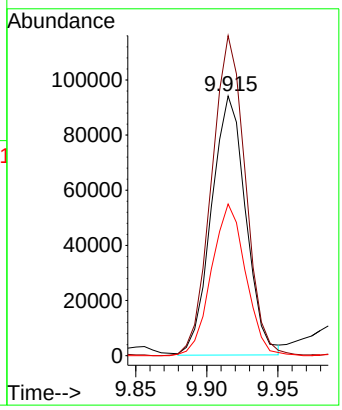


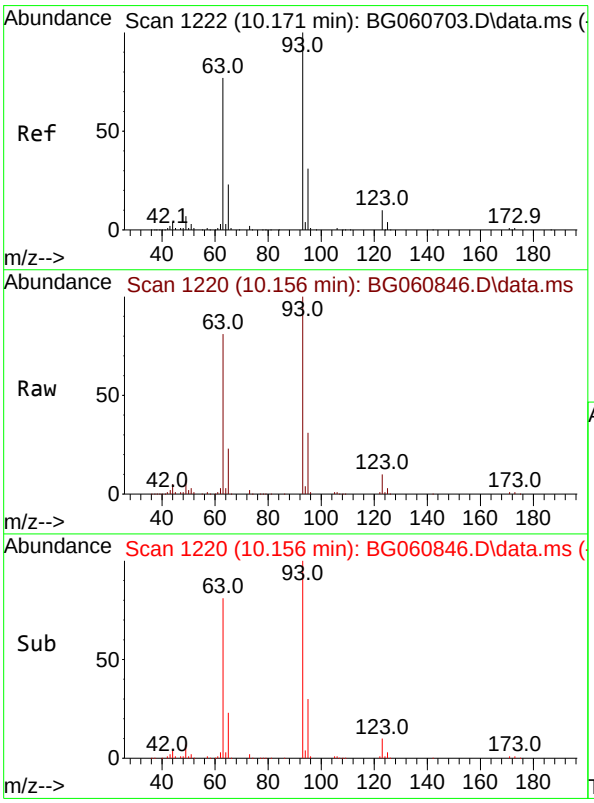
#27
2,4-Dimethylphenol
Concen: 37.891 ng
RT: 9.915 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 158108

Ion	Ratio	Lower	Upper
122	100		
107	123.2	98.6	147.8
121	58.4	48.1	72.1

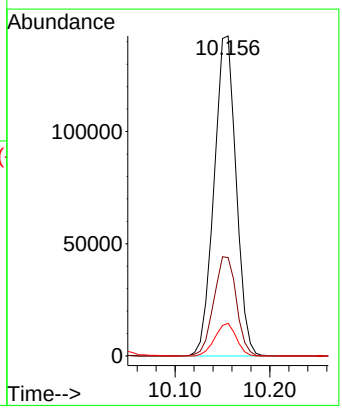


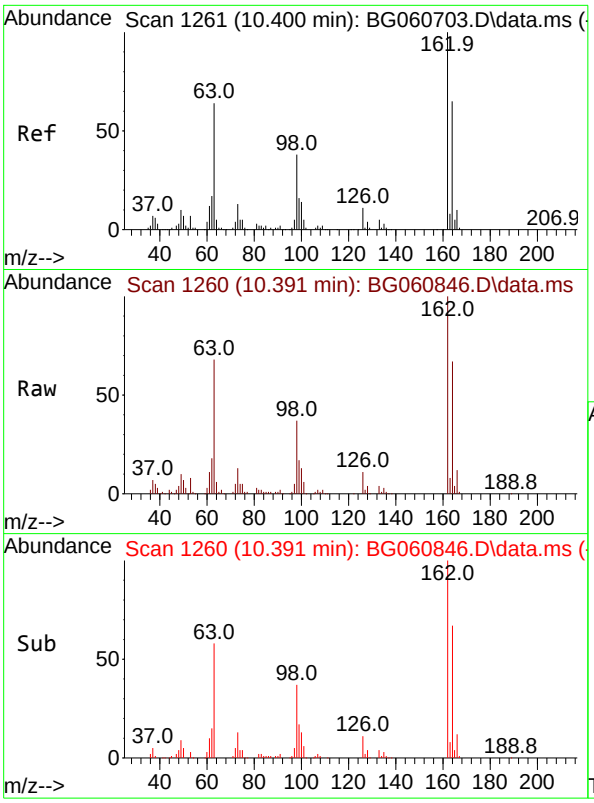


#28
bis(2-Chloroethoxy)methane
Concen: 37.596 ng
RT: 10.156 min Scan# 1220
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 93 Resp: 230560

Ion	Ratio	Lower	Upper
93	100		
95	30.7	25.1	37.7
123	10.2	8.0	12.0



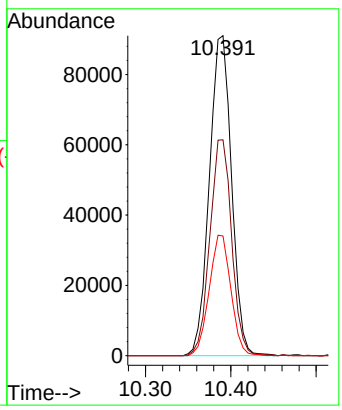


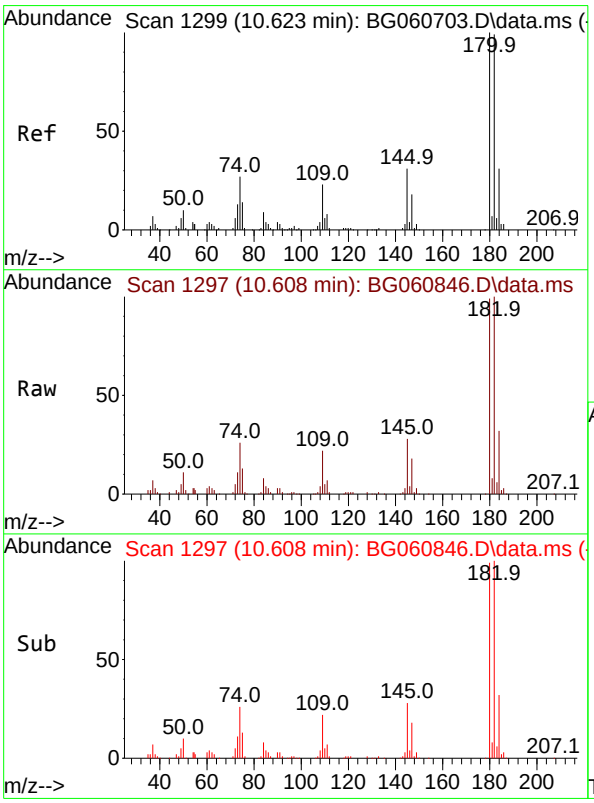
#29
2,4-Dichlorophenol
Concen: 42.953 ng
RT: 10.391 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 164585

Ion	Ratio	Lower	Upper
162	100		
164	67.4	45.2	85.2
98	37.4	17.7	57.7

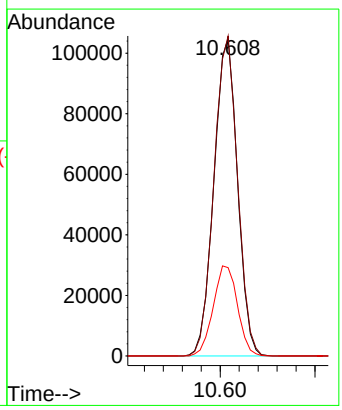


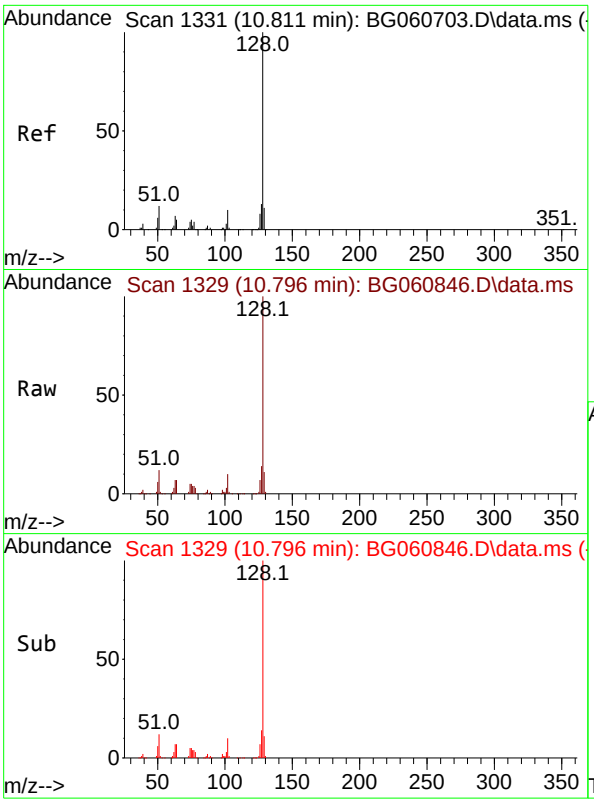


#30
1,2,4-Trichlorobenzene
Concen: 41.708 ng
RT: 10.608 min Scan# 1297
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:180 Resp: 180963

Ion	Ratio	Lower	Upper
180	100		
182	100.8	79.0	118.4
145	27.8	24.9	37.3



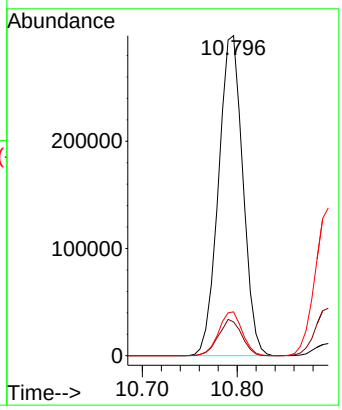


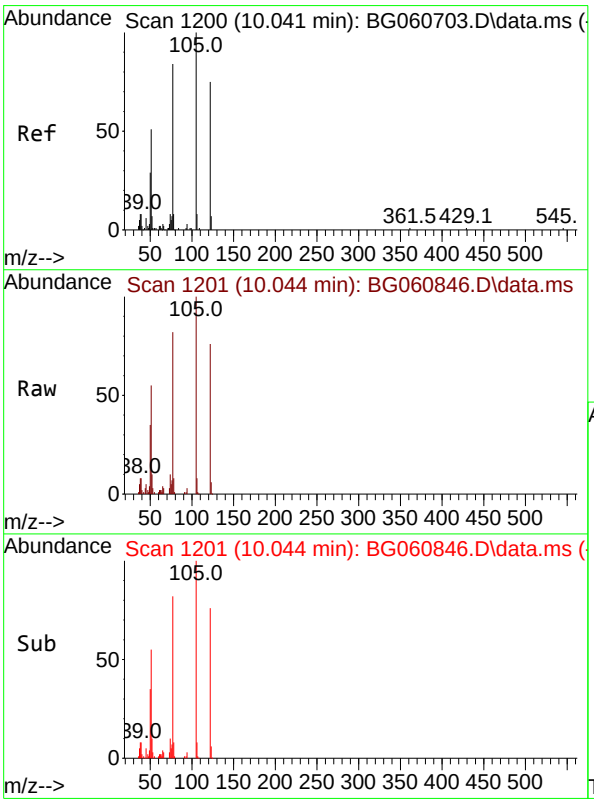
#31
Naphthalene
Concen: 38.254 ng
RT: 10.796 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 532525

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	13.7	10.5	15.7

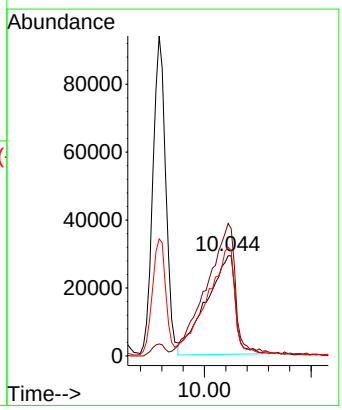


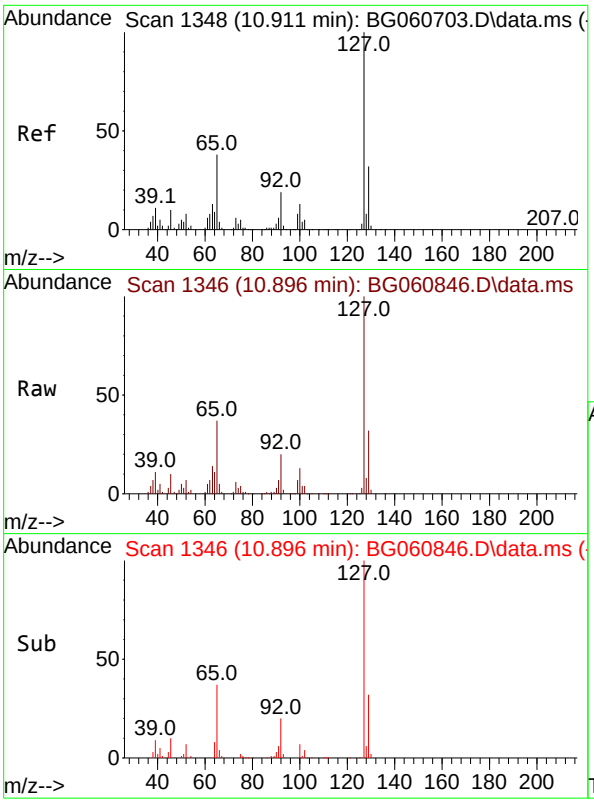


#32
Benzoic acid
Concen: 40.906 ng
RT: 10.044 min Scan# 1201
Delta R.T. 0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:122 Resp: 110294

Ion	Ratio	Lower	Upper
122	100		
105	132.2	104.5	144.5
77	108.4	85.3	125.3



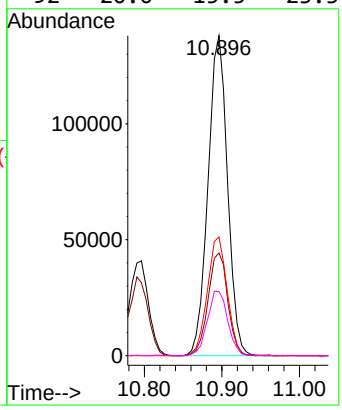


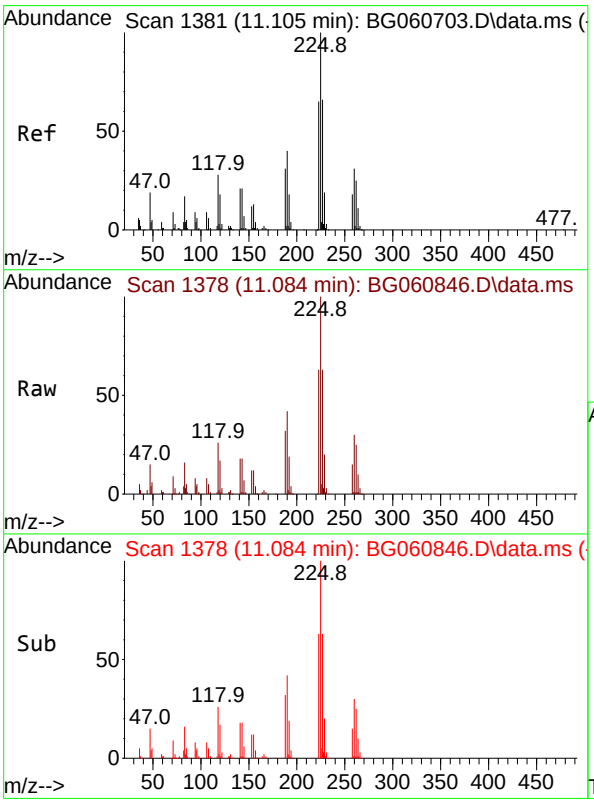
#33
4-Chloroaniline
Concen: 37.264 ng
RT: 10.896 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 240939

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	37.1	30.2	45.2
92	20.0	15.5	23.3

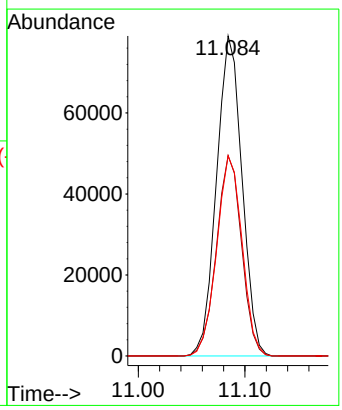


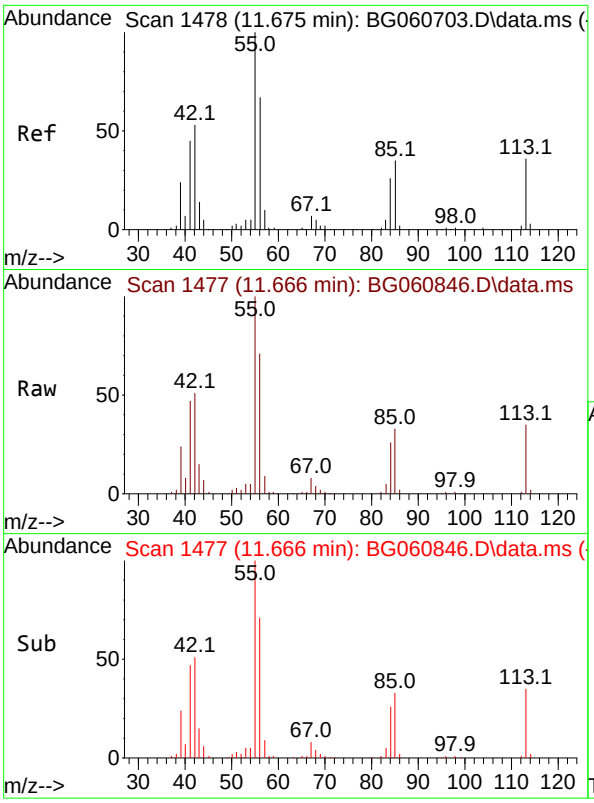


#34
Hexachlorobutadiene
Concen: 45.254 ng
RT: 11.084 min Scan# 1378
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:225 Resp: 130858

Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.0	78.0
227	62.5	52.5	78.7



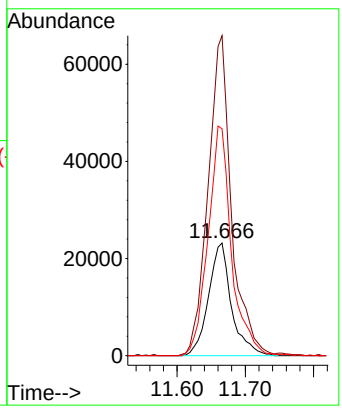


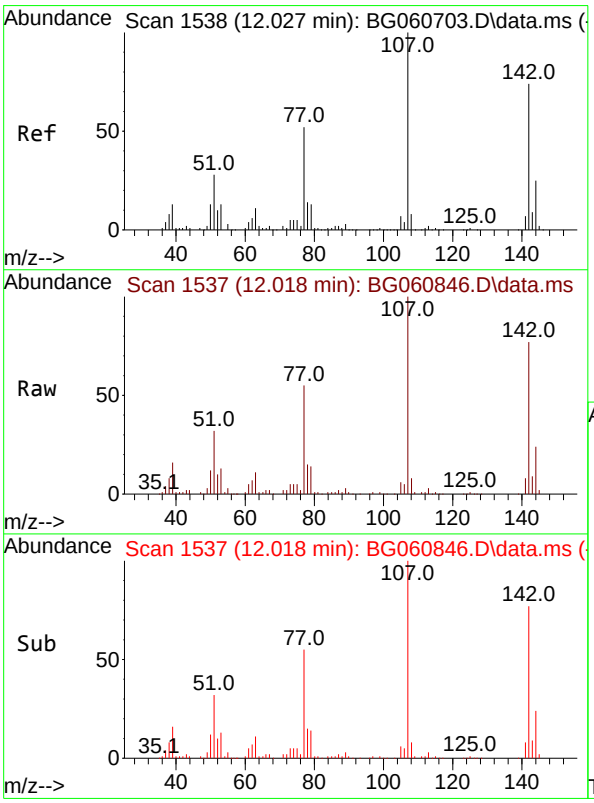
#35
Caprolactam
Concen: 35.702 ng
RT: 11.666 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 54182

Ion	Ratio	Lower	Upper
113	100		
55	284.1	258.0	298.0
56	201.4	166.3	206.3

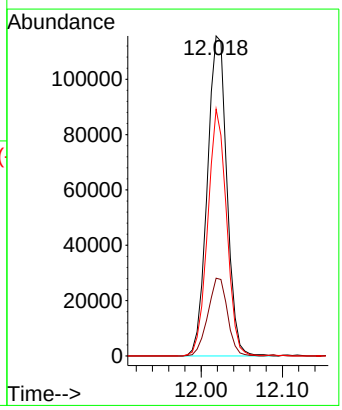


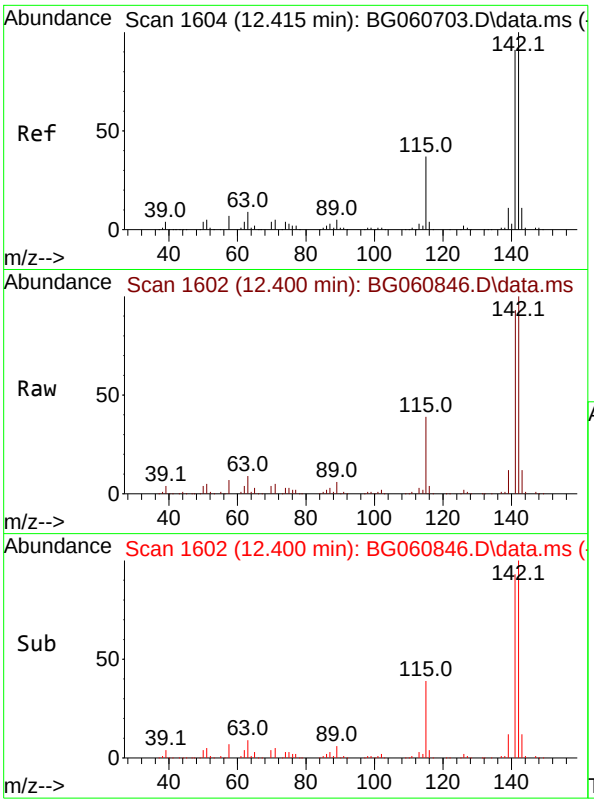


#36
4-Chloro-3-methylphenol
Concen: 39.497 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:107 Resp: 193334

Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.0	30.0
142	77.2	59.2	88.8



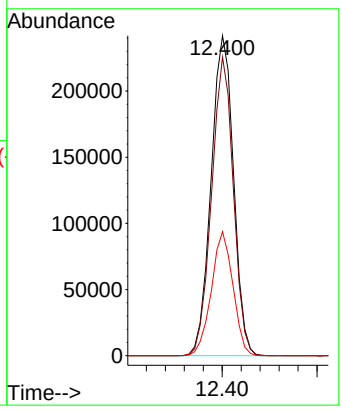


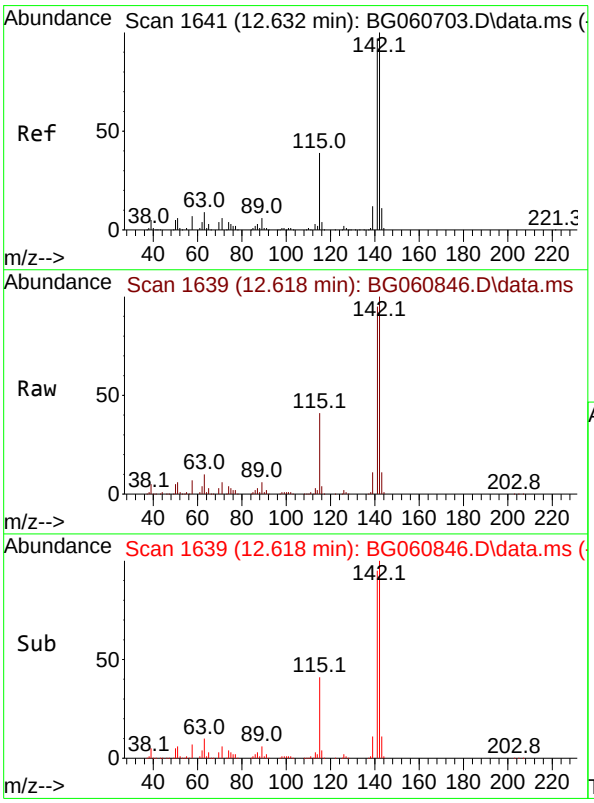
#37
2-Methylnaphthalene
Concen: 38.761 ng
RT: 12.400 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 396693

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.7	109.1
115	38.7	29.9	44.9

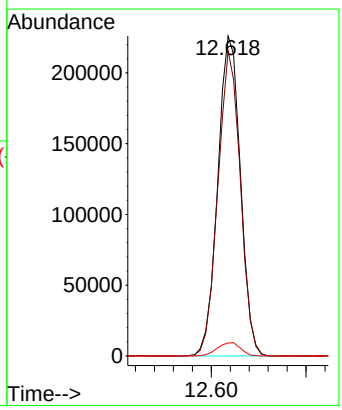


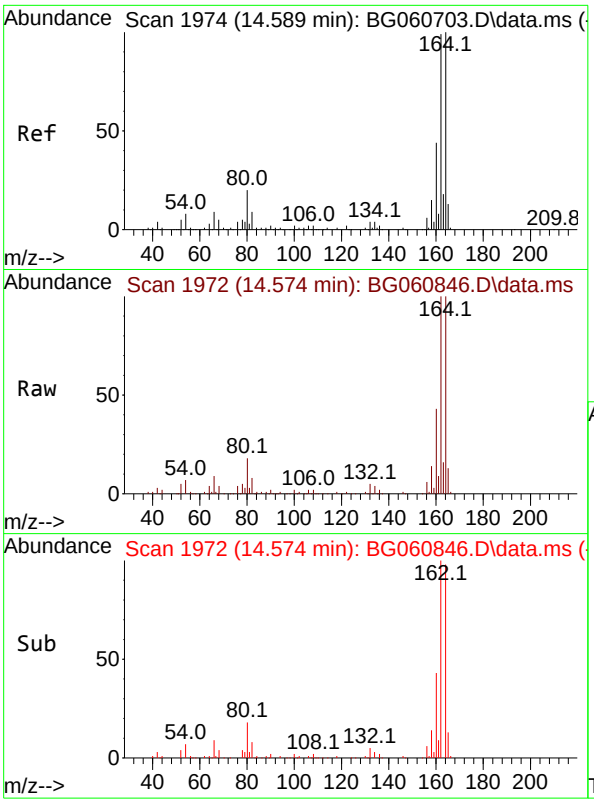


#38
1-Methylnaphthalene
Concen: 38.795 ng
RT: 12.618 min Scan# 1639
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:142 Resp: 375085

Ion	Ratio	Lower	Upper
142	100		
141	95.4	77.7	116.5
116	4.0	3.4	5.2



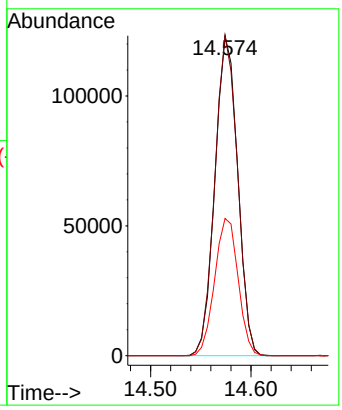


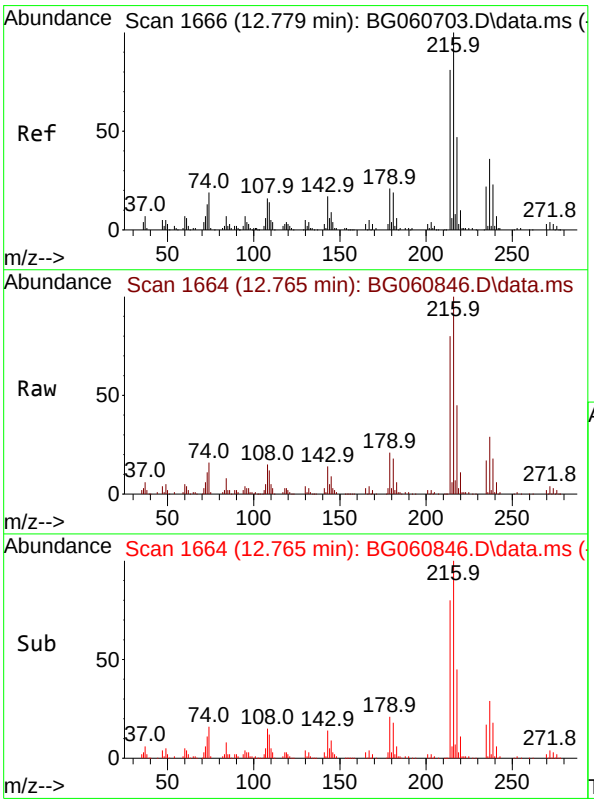
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 193770

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.5	119.3
160	42.9	35.4	53.0

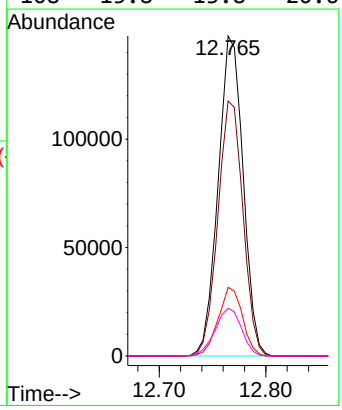


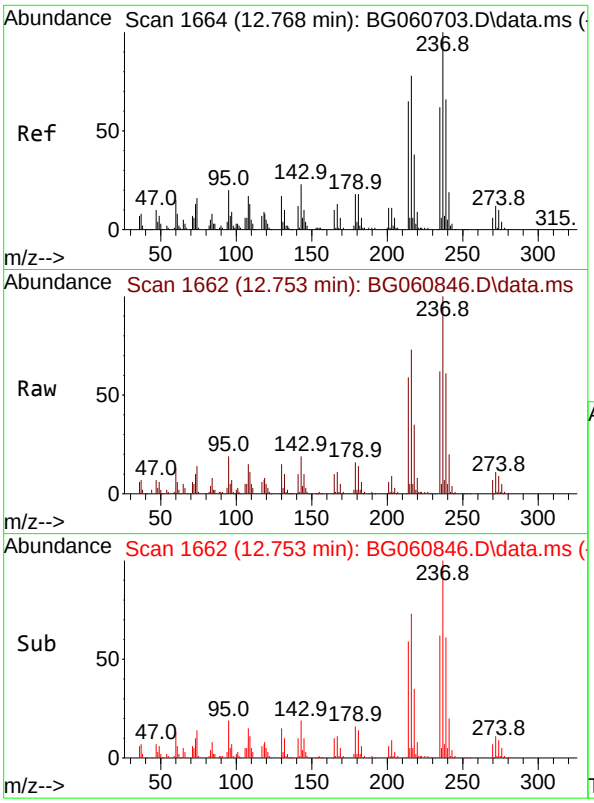


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.037 ng
RT: 12.765 min Scan# 1664
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:216 Resp: 239744

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.1	94.7
179	20.9	16.7	25.1
108	15.8	13.8	20.6



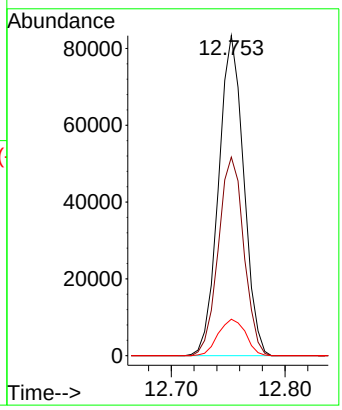


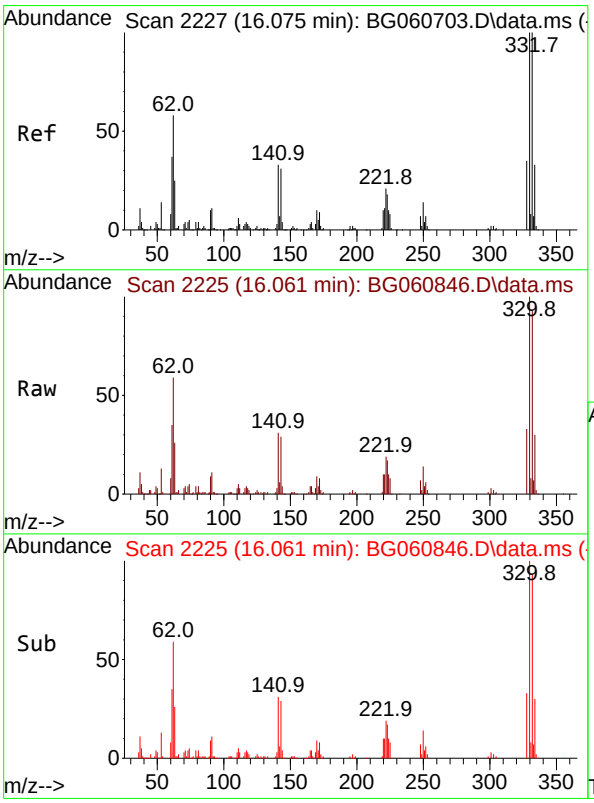
#41
Hexachlorocyclopentadiene
Concen: 45.120 ng
RT: 12.753 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 127806

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	11.4	0.0	32.4

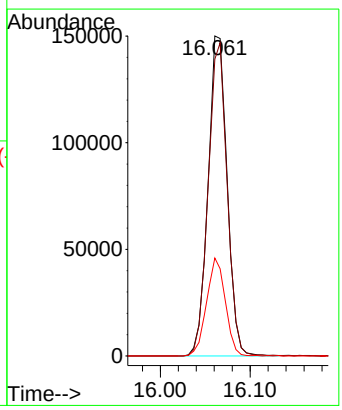


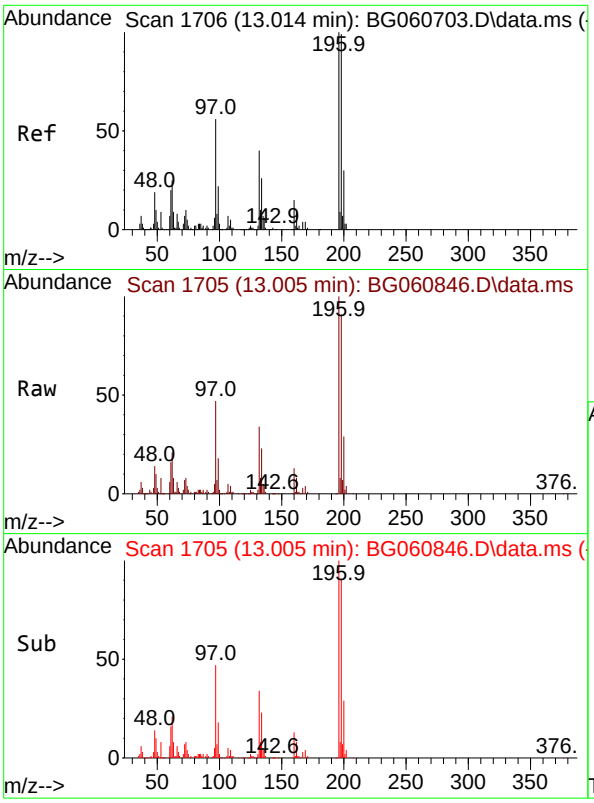


#42
2,4,6-Tribromophenol
Concen: 100.945 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:330 Resp: 222039

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	30.0	27.0	40.6



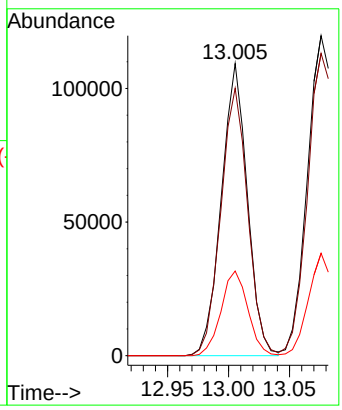


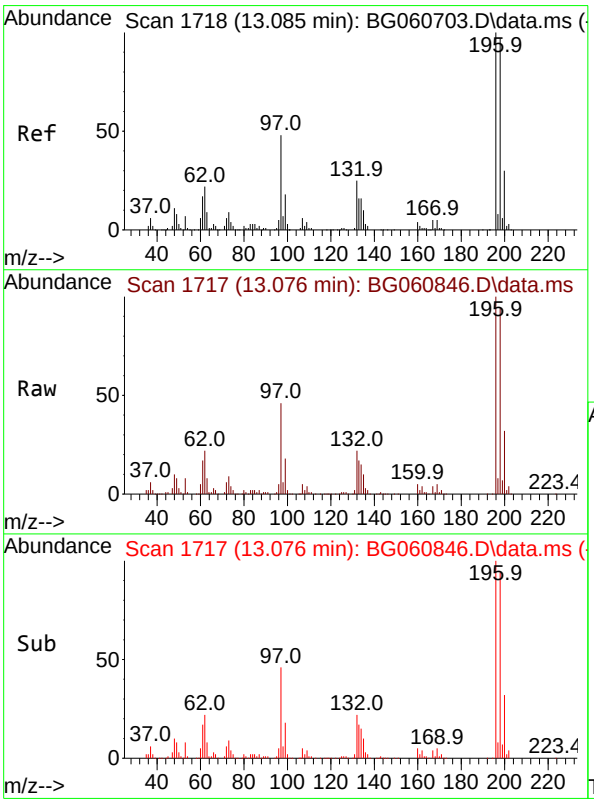
#43
2,4,6-Trichlorophenol
Concen: 45.313 ng
RT: 13.005 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 162538

Ion	Ratio	Lower	Upper
196	100		
198	91.5	79.1	118.7
200	28.9	24.0	36.0

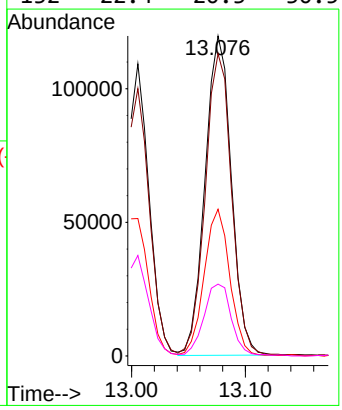


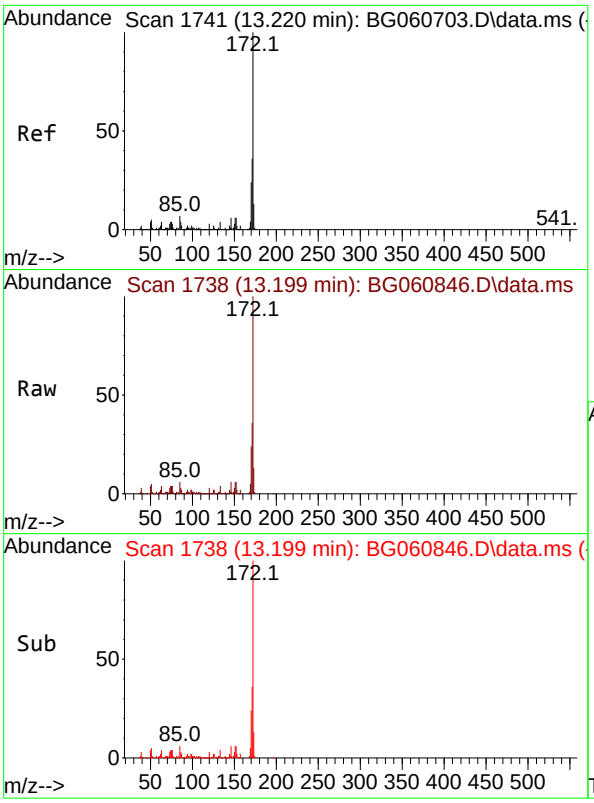


#44
2,4,5-Trichlorophenol
Concen: 44.856 ng
RT: 13.076 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:196 Resp: 192017

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.8	116.8
97	45.8	38.2	57.4
132	22.4	20.3	30.5



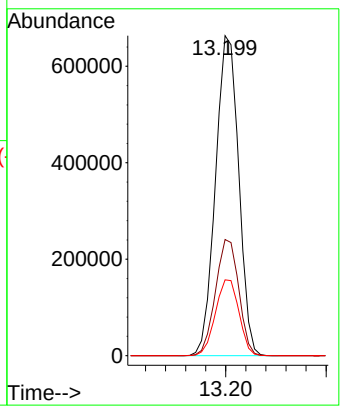


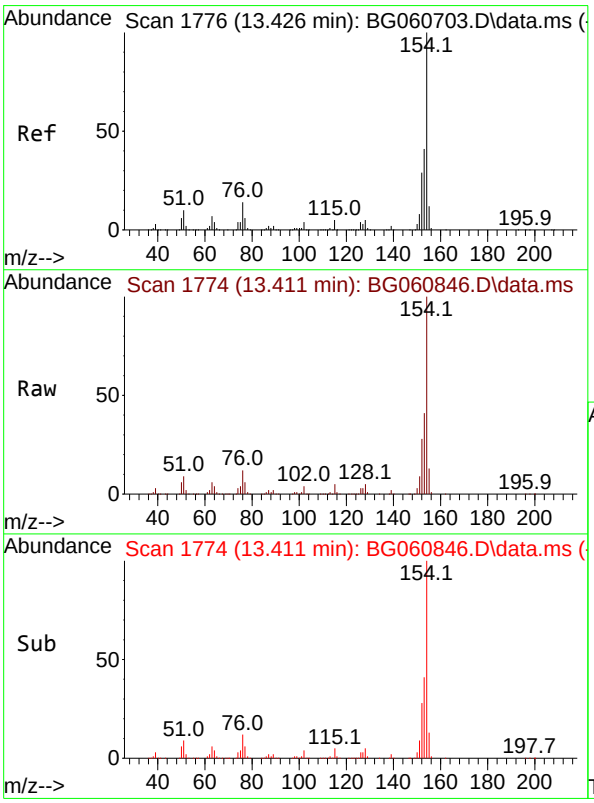
#45
2-Fluorobiphenyl
Concen: 80.528 ng
RT: 13.199 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1063211

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	23.7	19.4	29.0

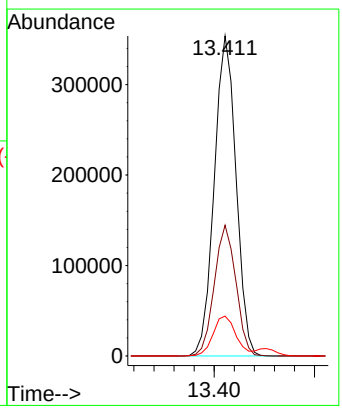


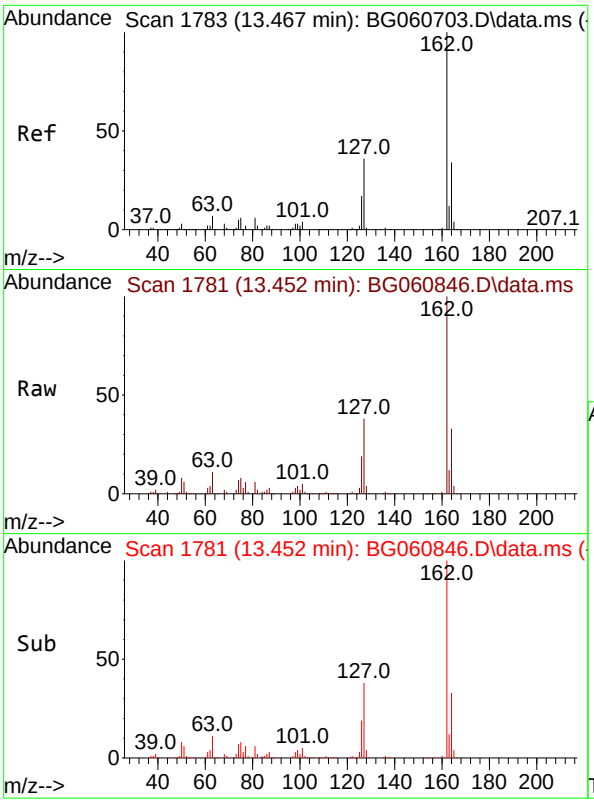


#46
1,1'-Biphenyl
Concen: 38.816 ng
RT: 13.411 min Scan# 1774
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:154 Resp: 531265

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	12.5	0.0	33.9



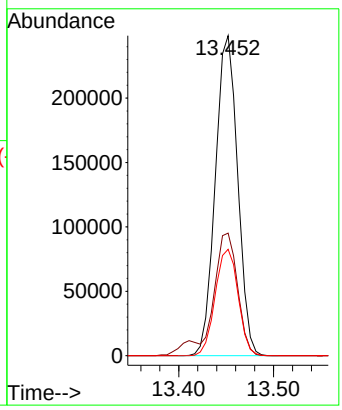


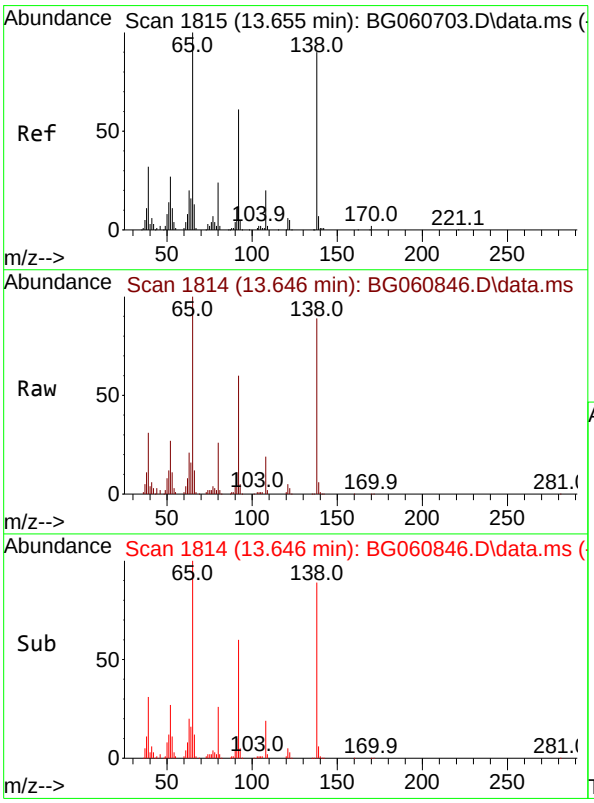
#47
2-Chloronaphthalene
Concen: 39.118 ng
RT: 13.452 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 406774

Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.6	46.0
164	33.2	26.9	40.3

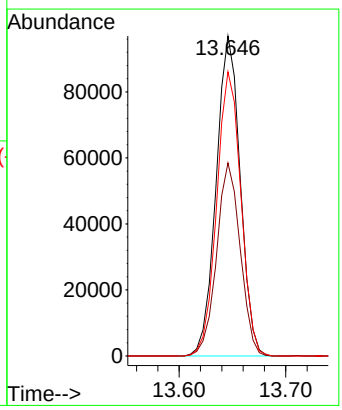


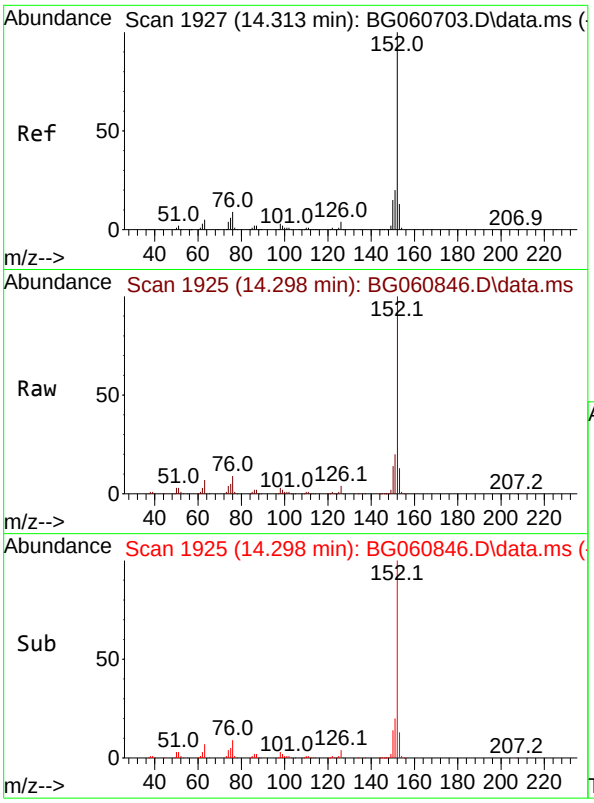


#48
2-Nitroaniline
Concen: 45.370 ng
RT: 13.646 min Scan# 1814
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion: 65 Resp: 151438

Ion	Ratio	Lower	Upper
65	100		
92	60.3	48.6	72.8
138	88.8	72.2	108.4



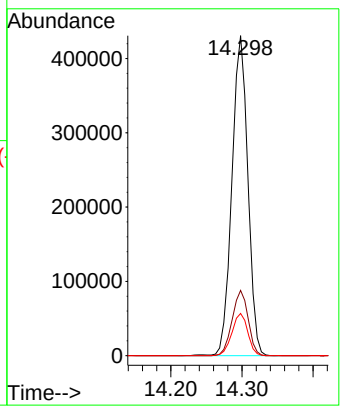


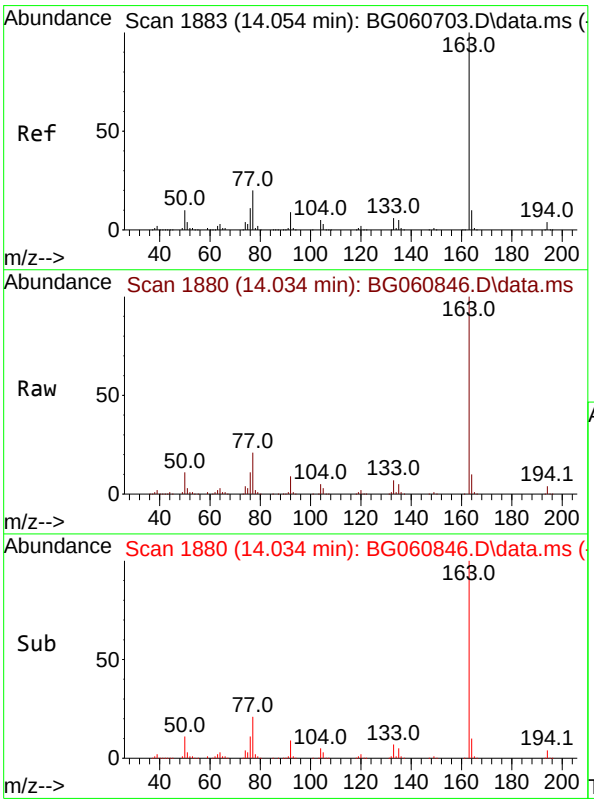
#49
Acenaphthylene
Concen: 38.488 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 672476

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.2	10.5	15.7

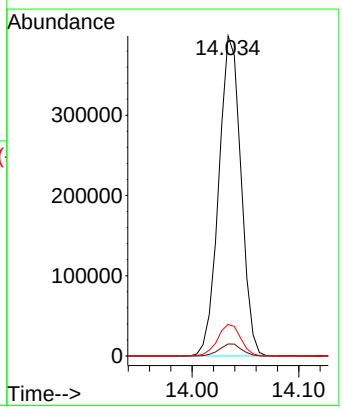


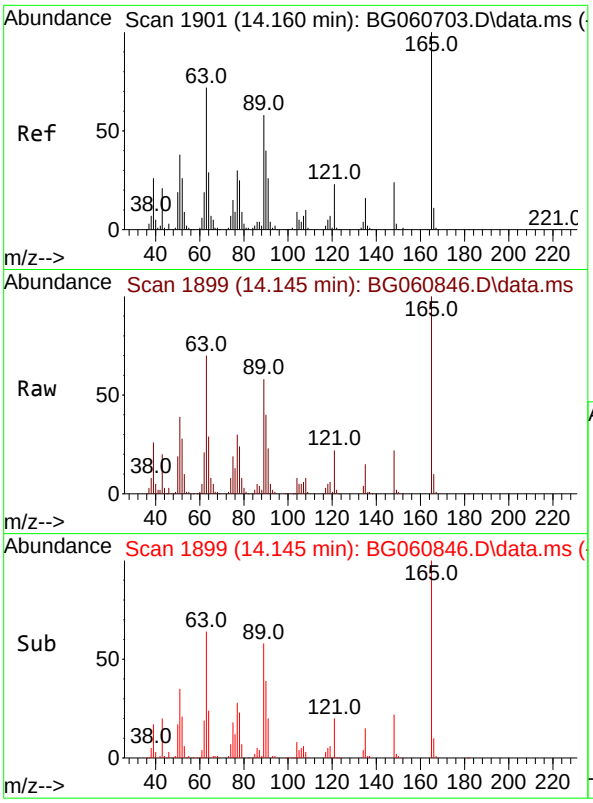


#50
Dimethylphthalate
Concen: 37.656 ng
RT: 14.034 min Scan# 1880
Delta R.T. -0.020 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:163 Resp: 576724

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.9	7.9	11.9



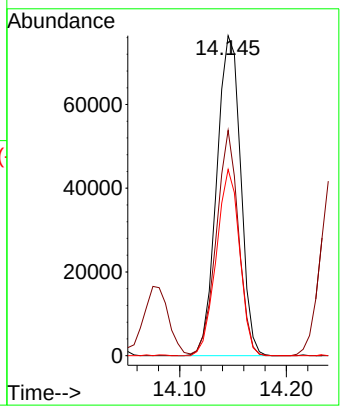


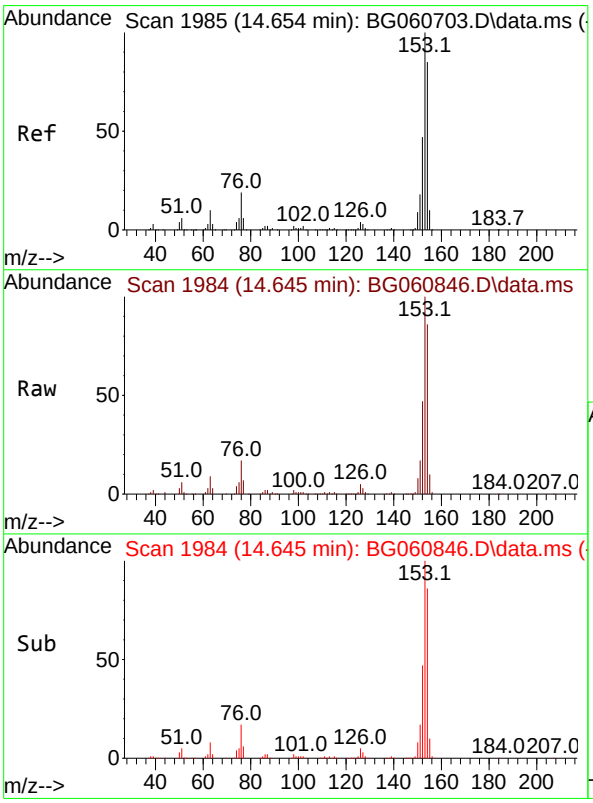
#51
2,6-Dinitrotoluene
Concen: 43.735 ng
RT: 14.145 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 119014

Ion	Ratio	Lower	Upper
165	100		
63	70.4	58.2	87.4
89	58.2	46.1	69.1

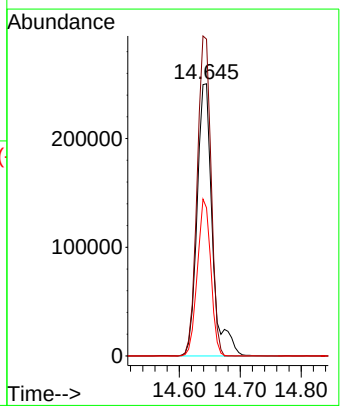


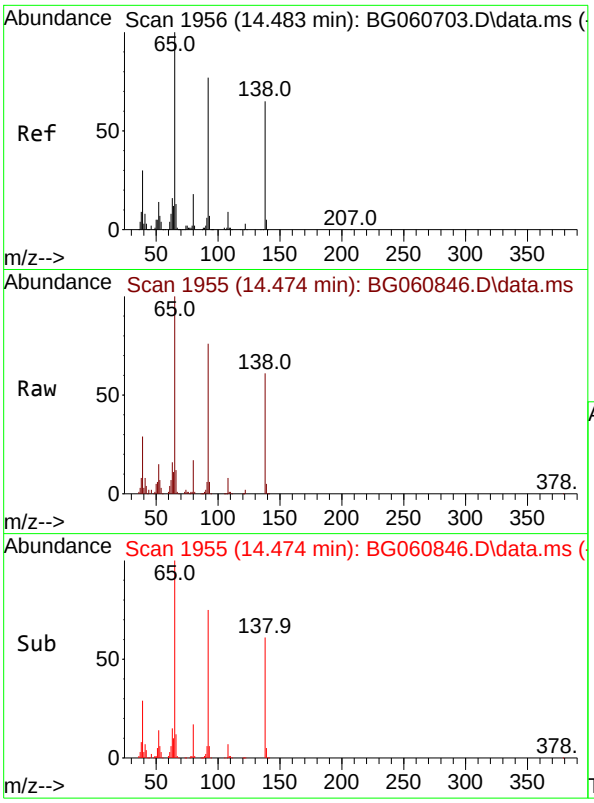


#52
Acenaphthene
Concen: 39.526 ng
RT: 14.645 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:154 Resp: 433612

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.9	140.9
152	54.4	44.1	66.1



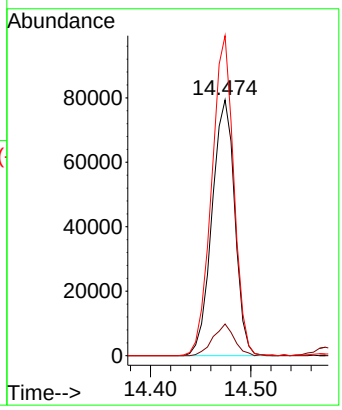


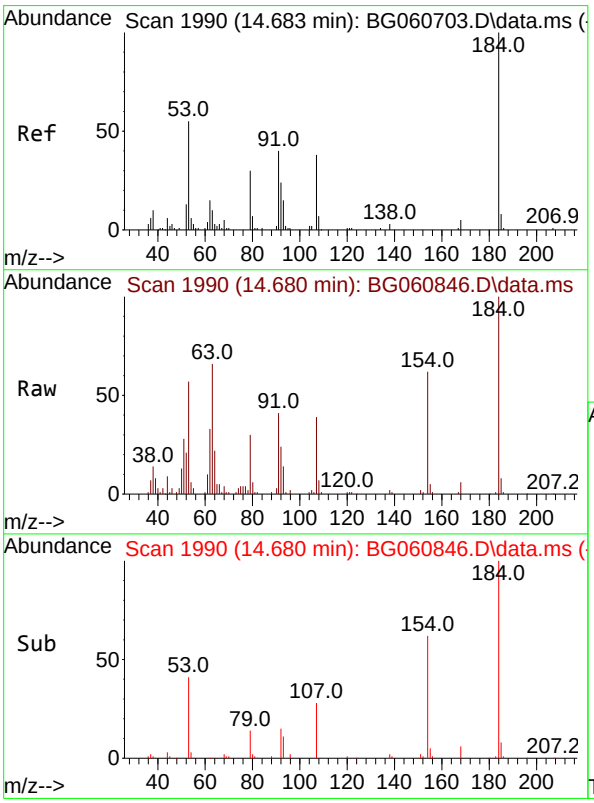
#53
3-Nitroaniline
Concen: 41.910 ng
RT: 14.474 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 124917

Ion	Ratio	Lower	Upper
138	100		
108	12.4	11.3	16.9
92	125.1	94.1	141.1

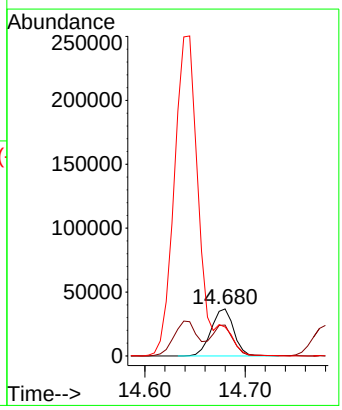


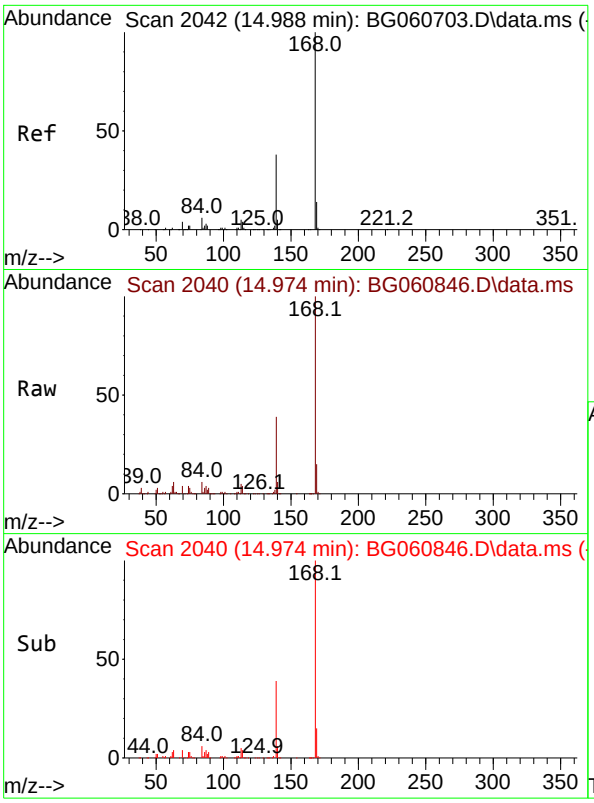


#54
2,4-Dinitrophenol
Concen: 54.039 ng
RT: 14.680 min Scan# 1990
Delta R.T. -0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:184 Resp: 57609

Ion	Ratio	Lower	Upper
184	100		
63	65.9	51.3	76.9
154	61.7	59.9	89.9





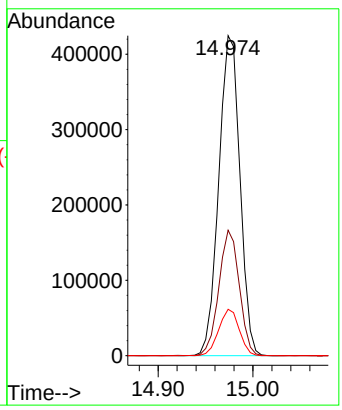
#55
Dibenzofuran
Concen: 38.104 ng
RT: 14.974 min Scan# 2

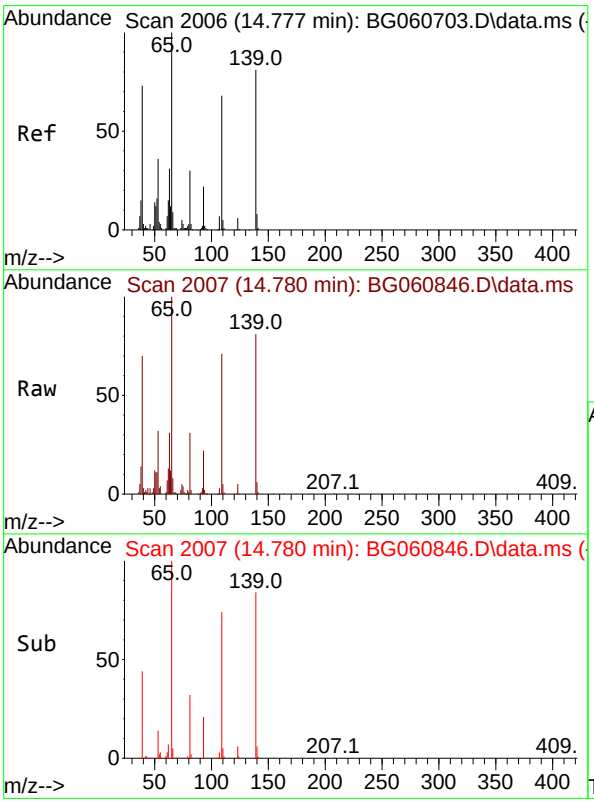
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Delta R.T. -0.014 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:168 Resp: 659356

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.5	11.0	16.4

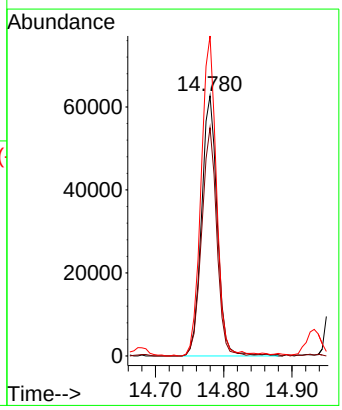


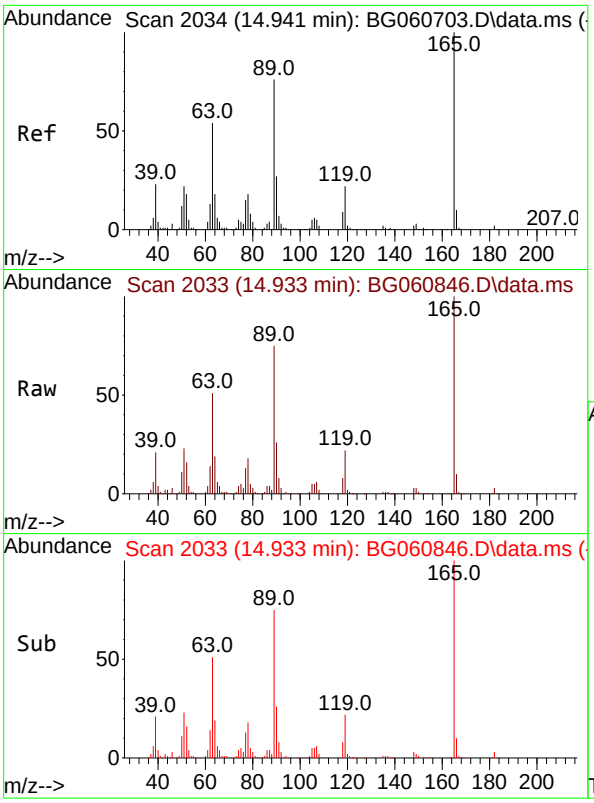


#56
4-Nitrophenol
Concen: 44.654 ng
RT: 14.780 min Scan# 2007
Delta R.T. 0.003 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:139 Resp: 99980

Ion	Ratio	Lower	Upper
139	100		
109	87.7	64.0	104.0
65	123.0	104.3	144.3



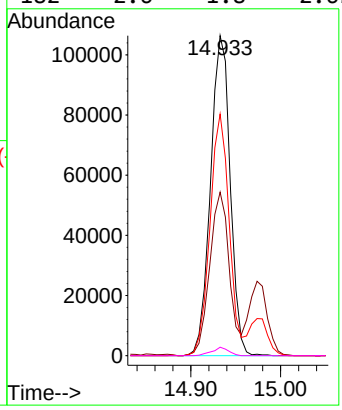


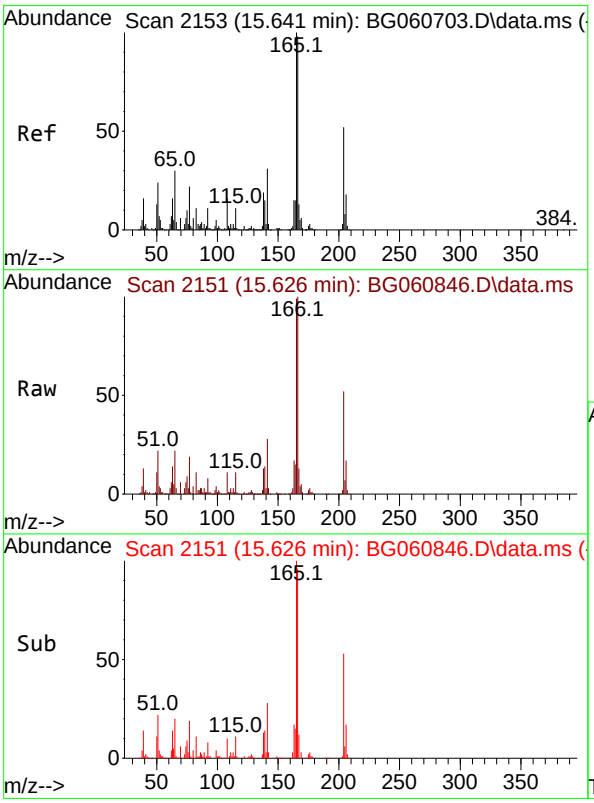
#57
2,4-Dinitrotoluene
Concen: 45.625 ng
RT: 14.933 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 161653

Ion	Ratio	Lower	Upper
165	100		
63	51.1	43.4	65.0
89	75.5	61.0	91.6
182	2.6	1.8	2.6#

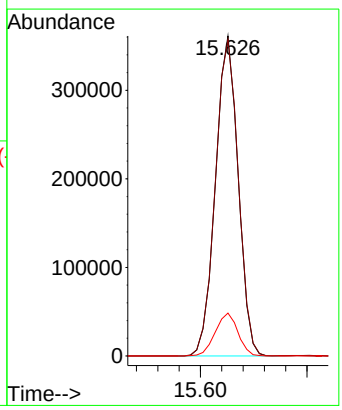


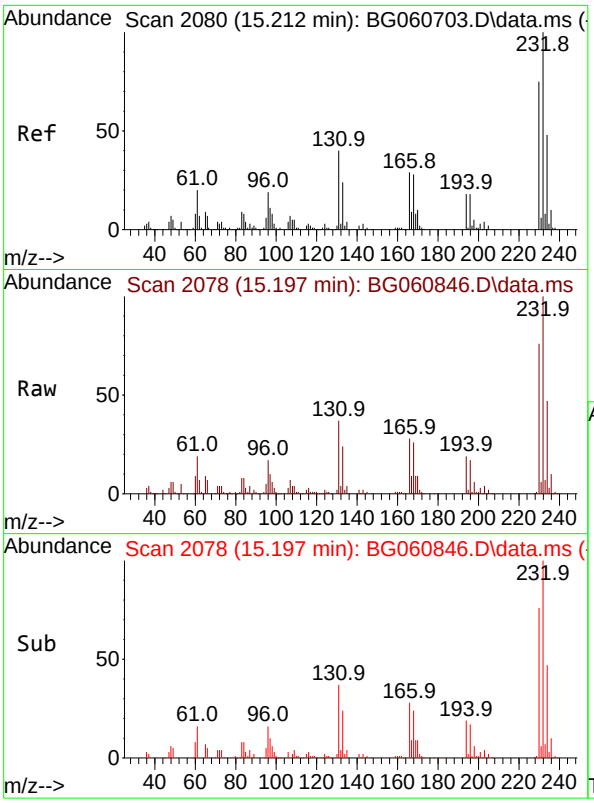


#58
Fluorene
Concen: 38.303 ng
RT: 15.626 min Scan# 2151
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:166 Resp: 531949

Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.8	122.8
167	13.4	10.9	16.3



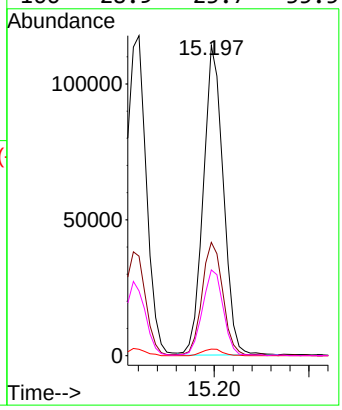


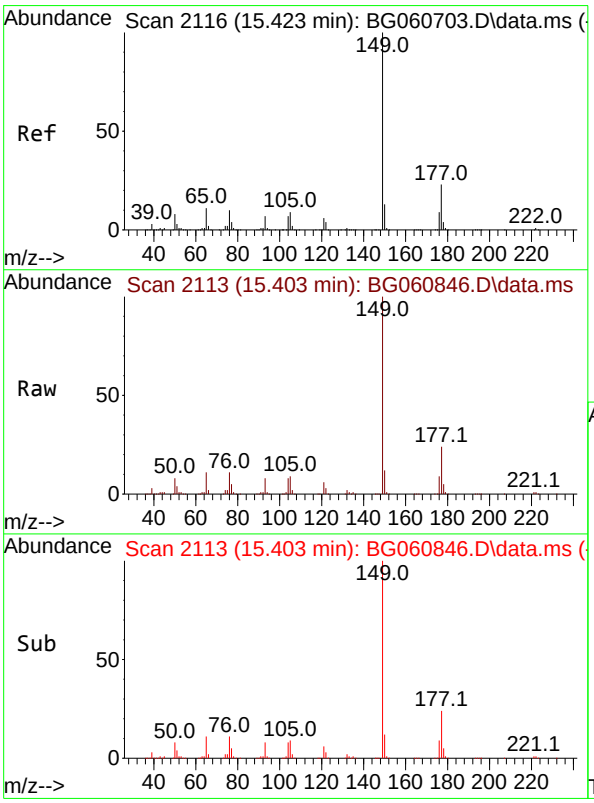
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.688 ng
RT: 15.197 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 166709

Ion	Ratio	Lower	Upper
232	100		
131	37.4	32.2	48.2
130	2.2	2.1	3.1
166	28.9	23.7	35.5

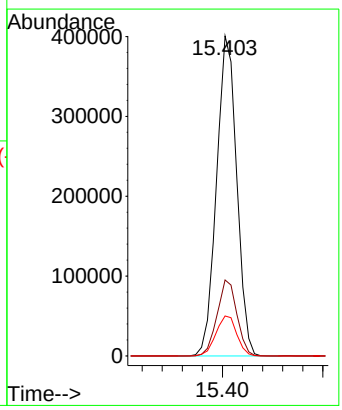


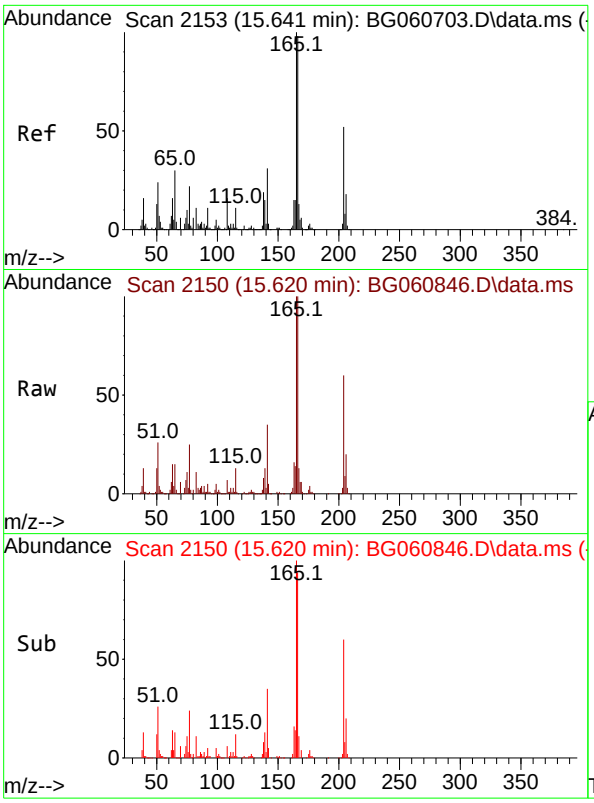


#60
Diethylphthalate
Concen: 36.251 ng
RT: 15.403 min Scan# 2113
Delta R.T. -0.020 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:149 Resp: 558579

Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.0	27.0
150	12.5	10.2	15.4



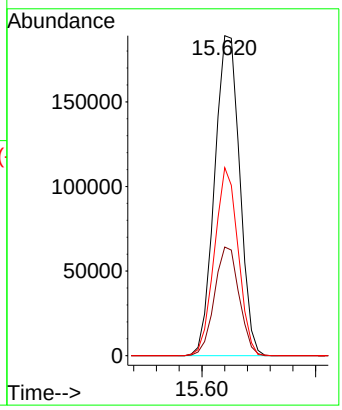


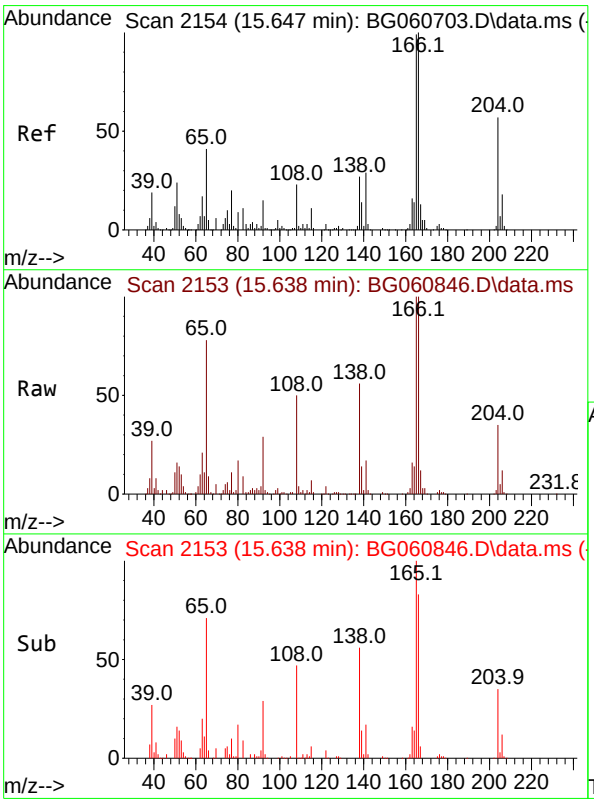
#61
4-Chlorophenyl-phenylether
Concen: 39.409 ng
RT: 15.620 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 289545

Ion	Ratio	Lower	Upper
204	100		
206	33.9	28.3	42.5
141	58.8	47.2	70.8

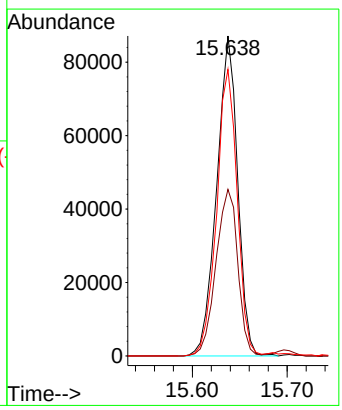


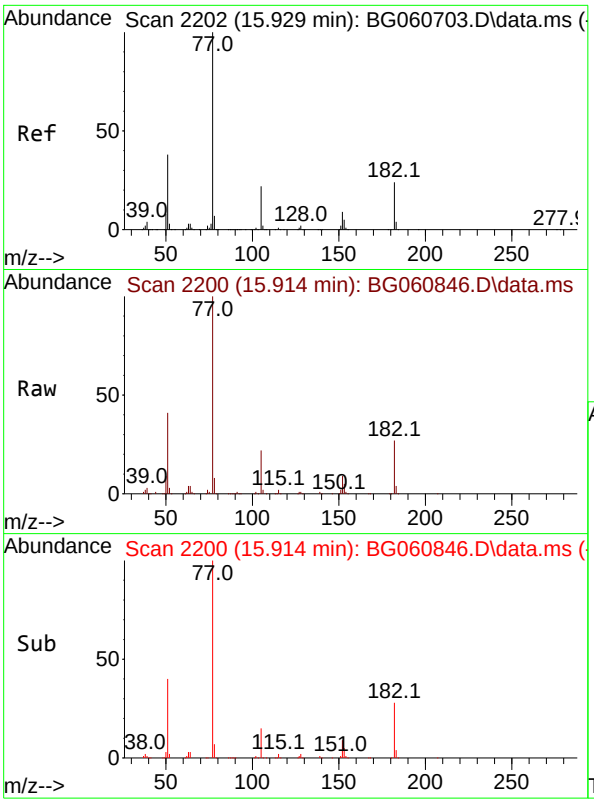


#62
4-Nitroaniline
Concen: 47.925 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:138 Resp: 134200

Ion	Ratio	Lower	Upper
138	100		
92	52.1	36.8	76.8
108	89.5	66.9	106.9



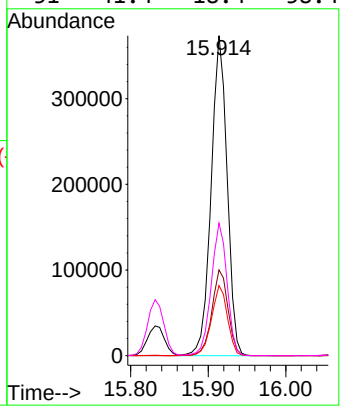


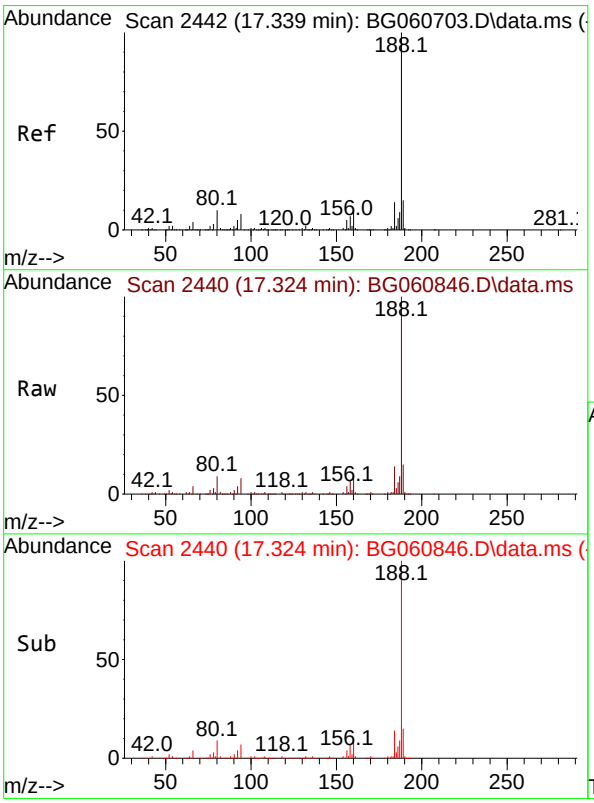
#63
Azobenzene
Concen: 35.609 ng
RT: 15.914 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 534671

Ion	Ratio	Lower	Upper
77	100		
182	26.8	3.9	43.9
105	21.9	1.7	41.7
51	41.4	18.4	58.4

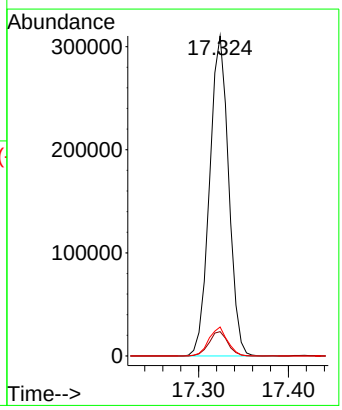


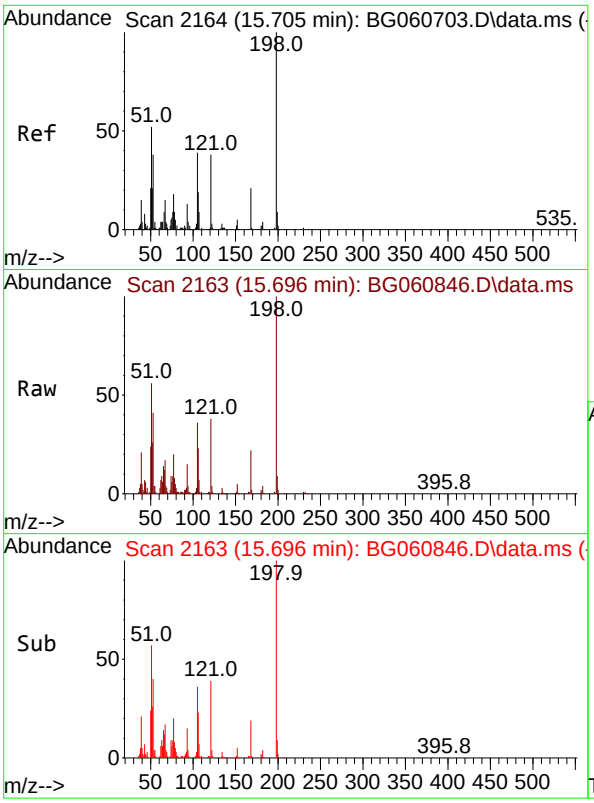


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:188 Resp: 457038

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.6	9.8
80	9.0	7.6	11.4



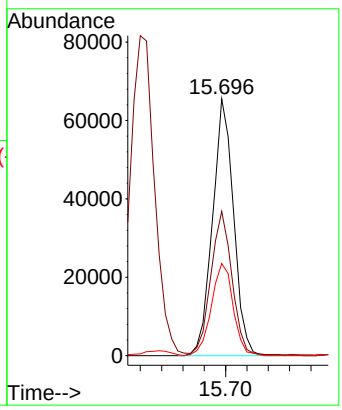


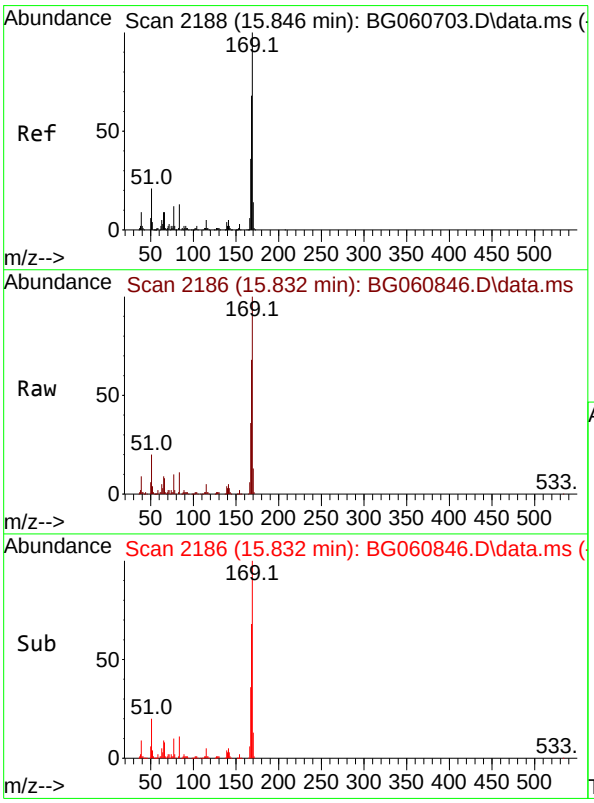
#65
4,6-Dinitro-2-methylphenol
Concen: 47.626 ng
RT: 15.696 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 89707

Ion	Ratio	Lower	Upper
198	100		
51	56.2	36.7	76.7
105	35.9	19.1	59.1

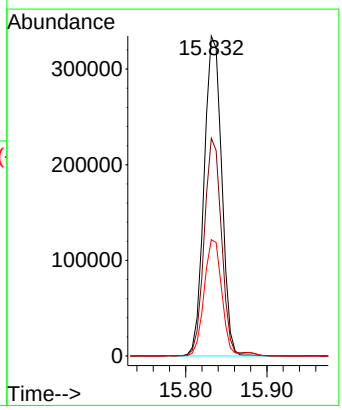


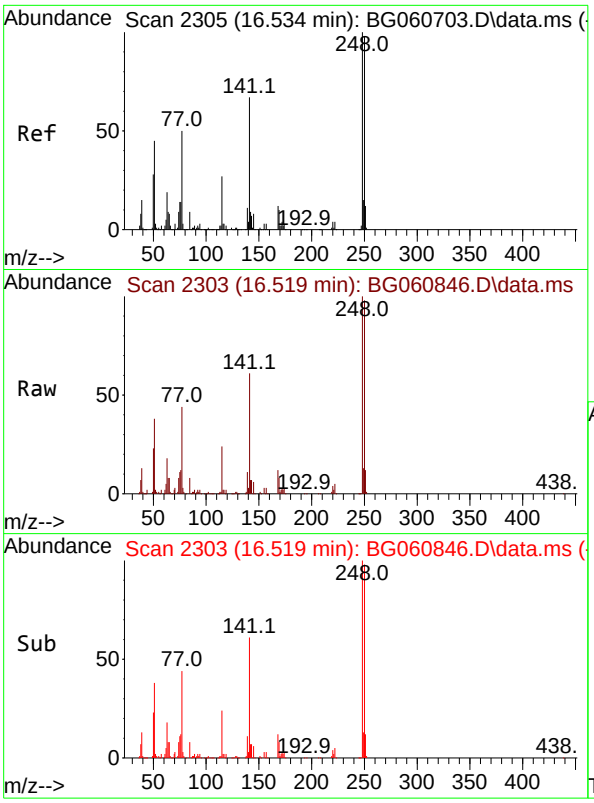


#66
n-Nitrosodiphenylamine
Concen: 38.340 ng
RT: 15.832 min Scan# 2186
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:169 Resp: 500742

Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.5	81.7
167	36.3	29.2	43.8



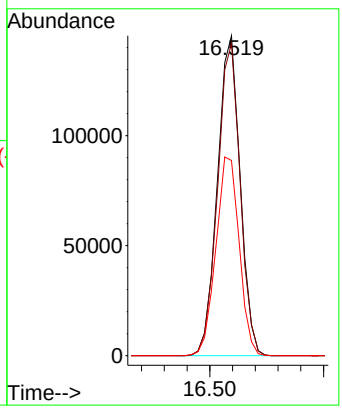


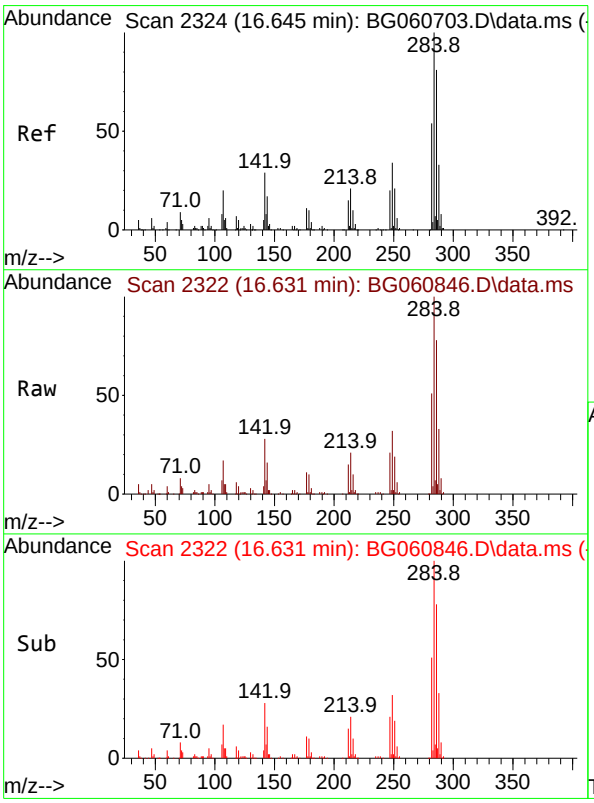
#67
4-Bromophenyl-phenylether
Concen: 43.400 ng
RT: 16.519 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 201304

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.3	117.5
141	61.0	53.7	80.5

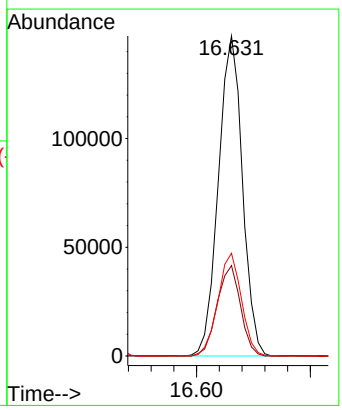


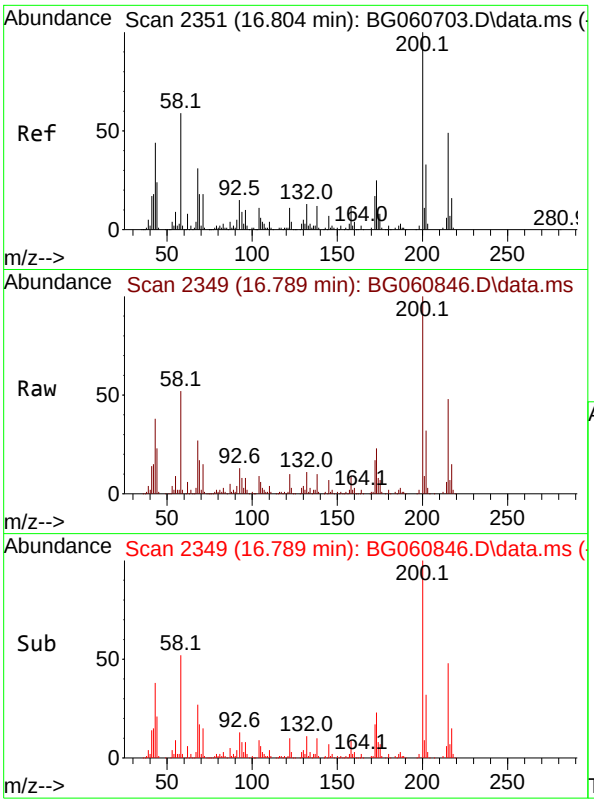


#68
Hexachlorobenzene
Concen: 41.193 ng
RT: 16.631 min Scan# 2322
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:284 Resp: 215688

Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.9	34.3
249	32.1	27.1	40.7



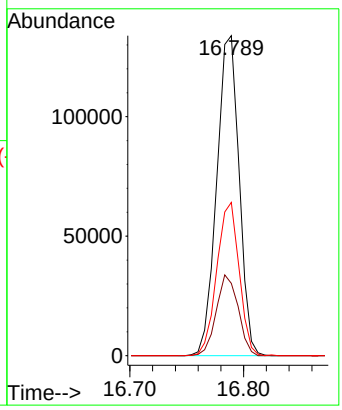


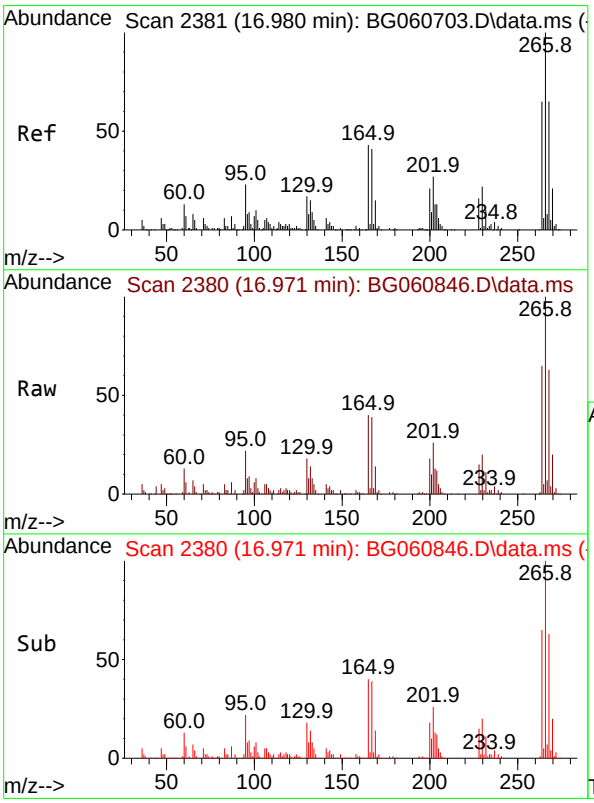
#69
Atrazine
Concen: 40.193 ng
RT: 16.789 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 183568

Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.2	45.2
215	47.9	28.8	68.8

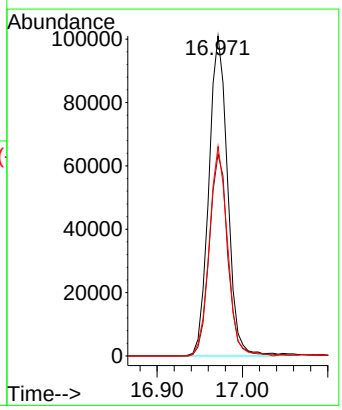


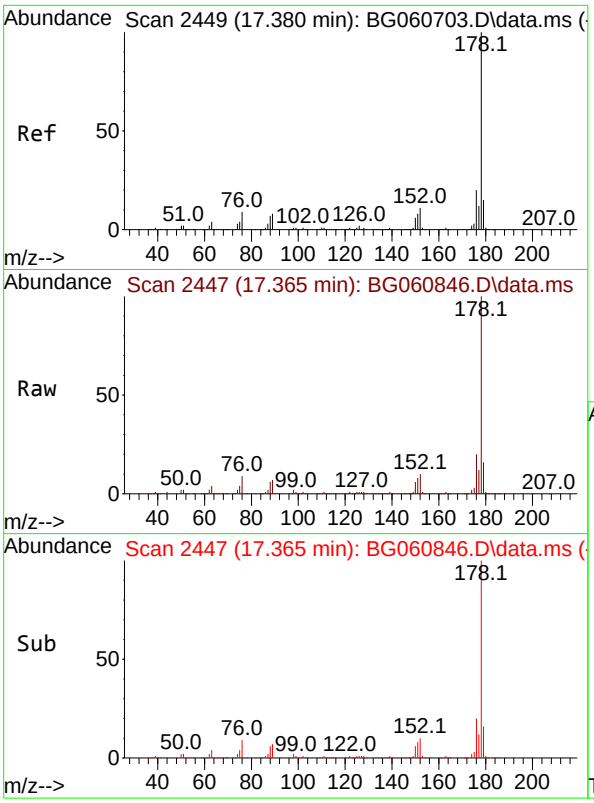


#70
Pentachlorophenol
Concen: 45.333 ng
RT: 16.971 min Scan# 2380
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:266 Resp: 154881

Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.2	78.4
264	65.4	51.8	77.6



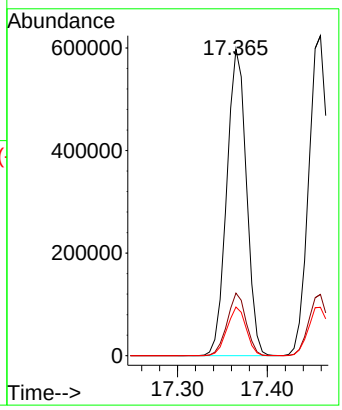


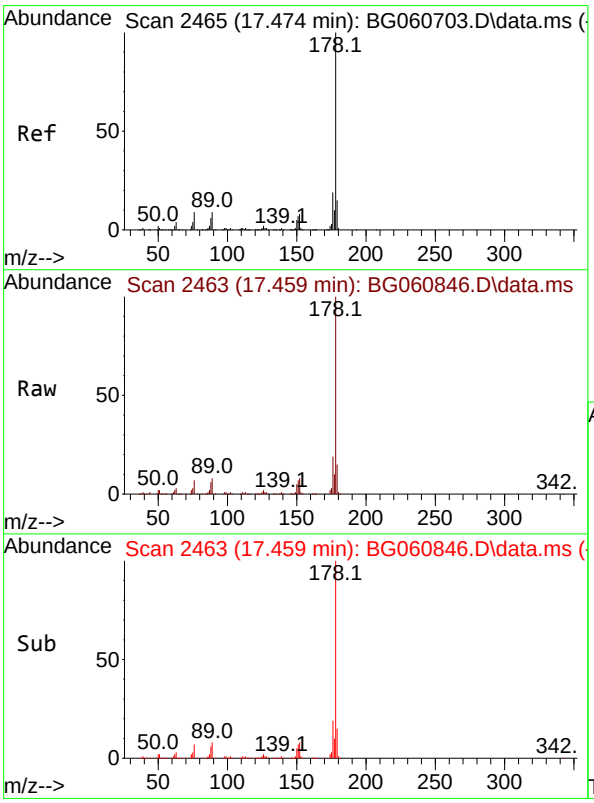
#71
Phenanthrene
Concen: 38.225 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 908597

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	15.9	12.2	18.4

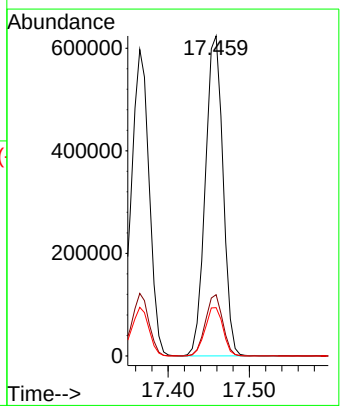


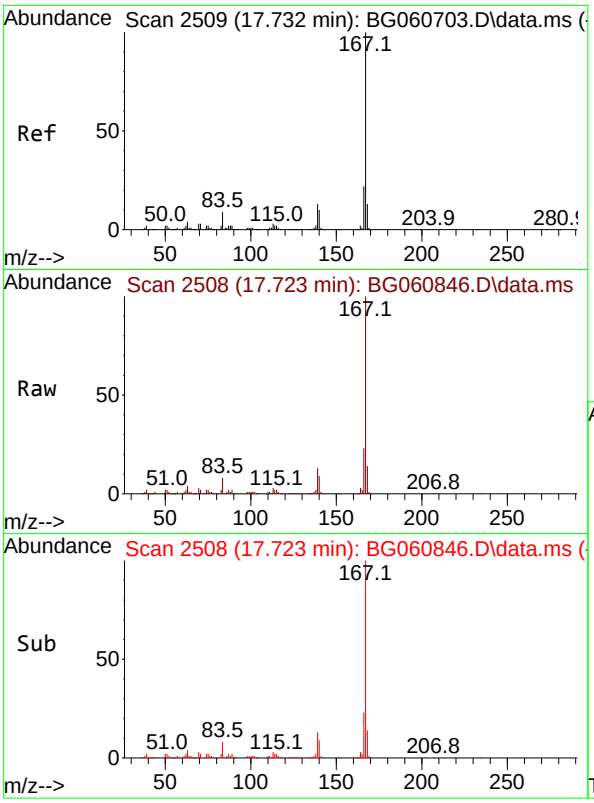


#72
Anthracene
Concen: 38.956 ng
RT: 17.459 min Scan# 2463
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:178 Resp: 940381

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.2	18.2



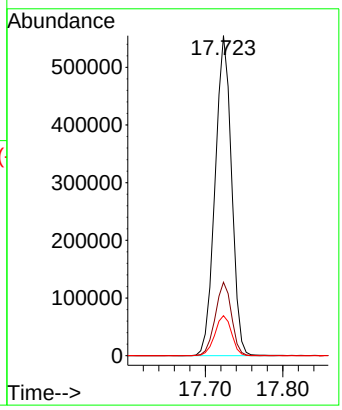


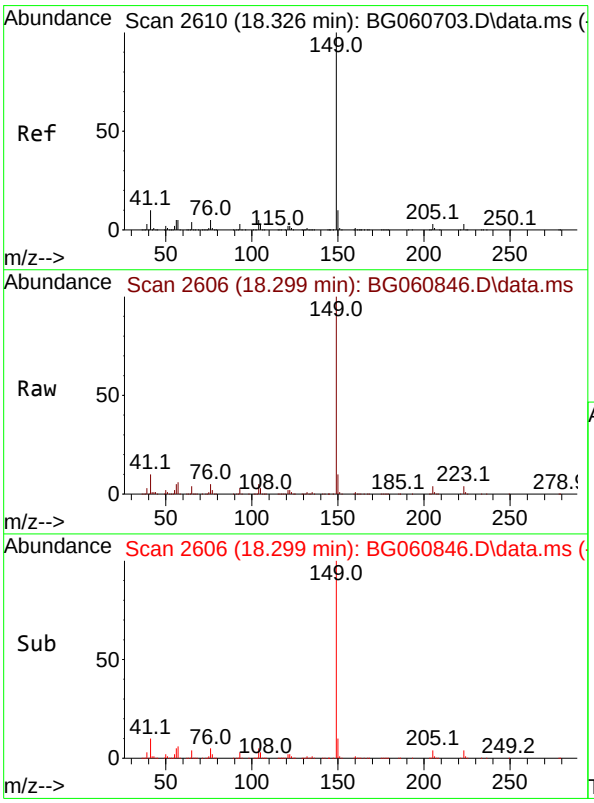
#73
Carbazole
Concen: 38.447 ng
RT: 17.723 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 818283

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	12.5	10.5	15.7

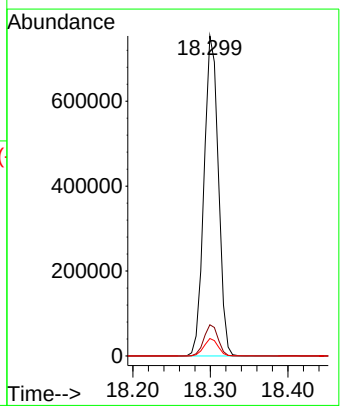


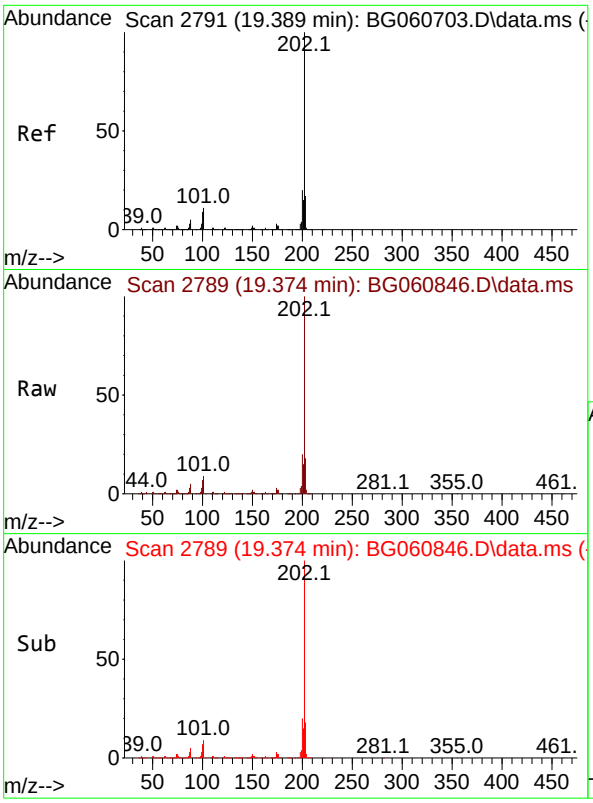


#74
Di-n-butylphthalate
Concen: 36.459 ng
RT: 18.299 min Scan# 2606
Delta R.T. -0.027 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:149 Resp: 967413

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.2	6.4



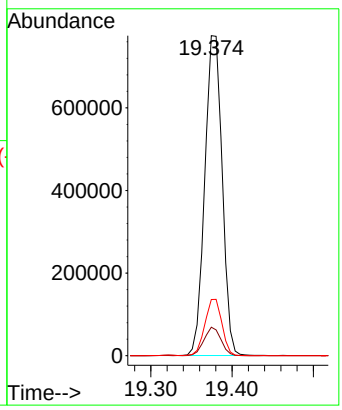


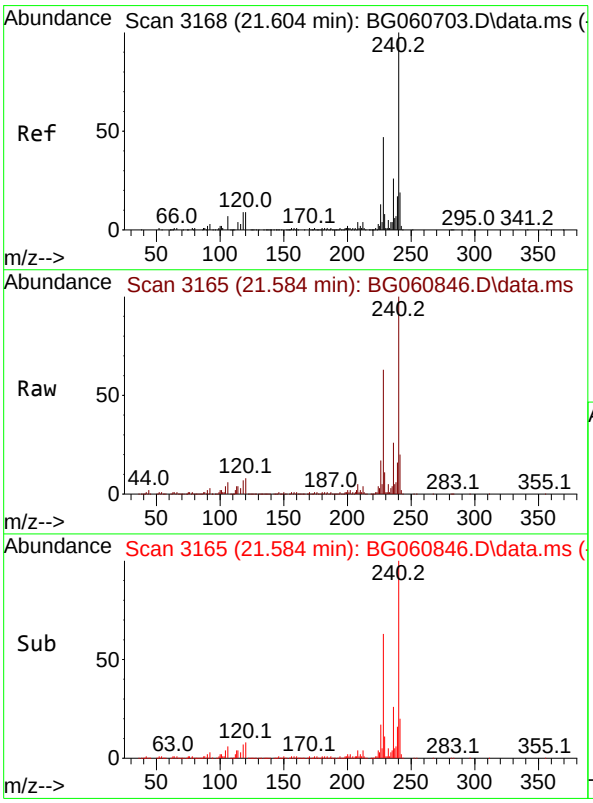
#75
Fluoranthene
Concen: 39.799 ng
RT: 19.374 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1147918

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.8
203	17.6	0.0	37.4

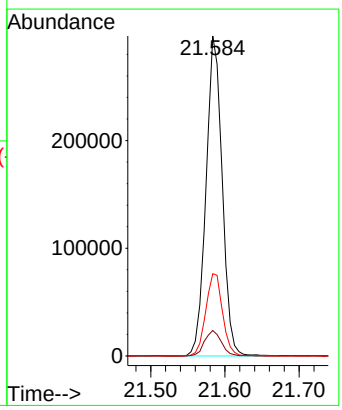


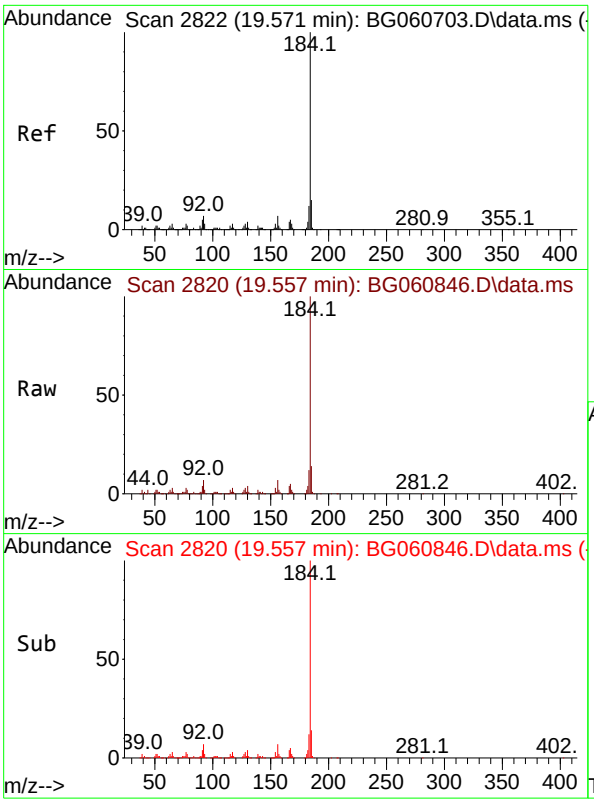


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:240 Resp: 450652

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.1	10.7
236	25.7	20.7	31.1



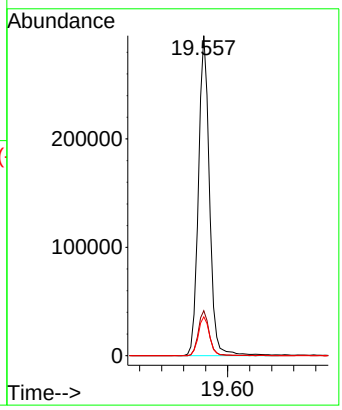


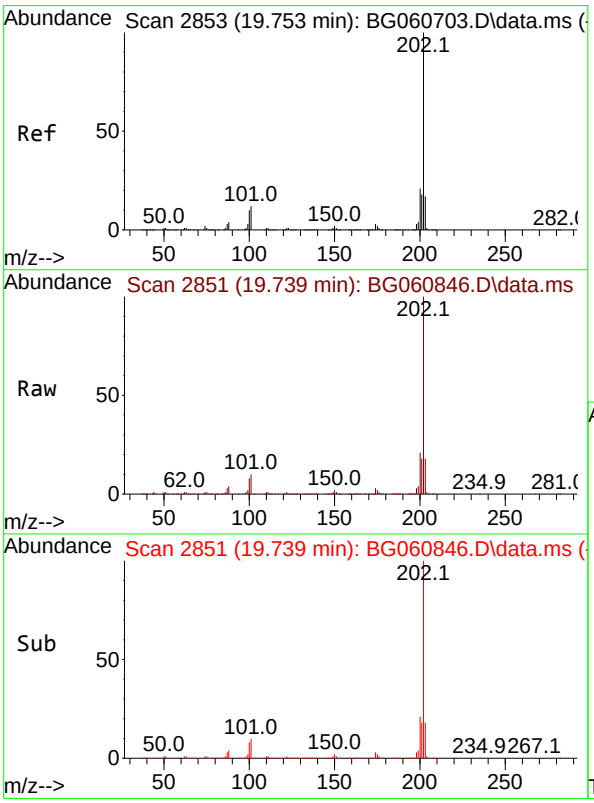
#77
Benzidine
Concen: 34.798 ng
RT: 19.557 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 412940

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.6
183	12.2	9.5	14.3

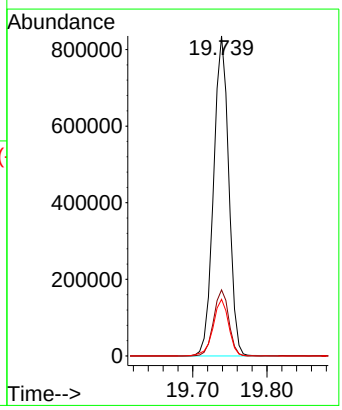


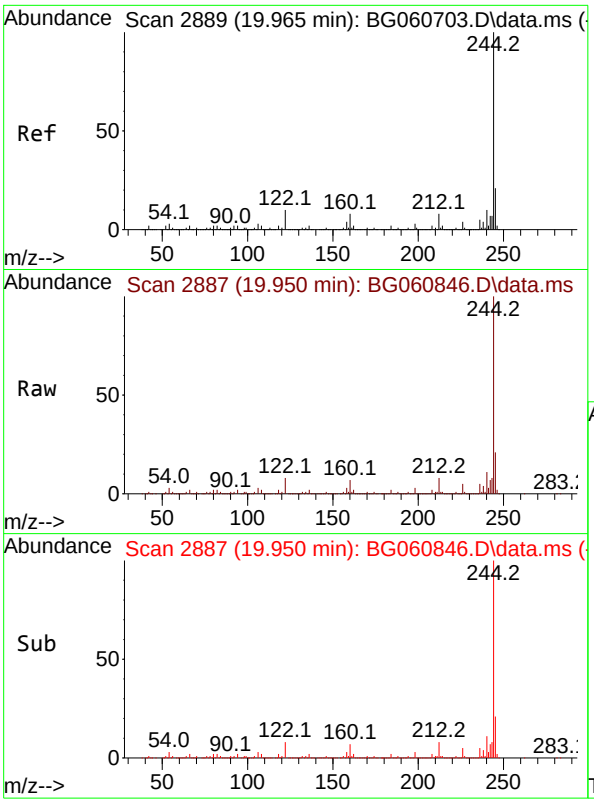


#78
Pyrene
Concen: 37.636 ng
RT: 19.739 min Scan# 2851
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:202 Resp: 1186184

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.7	14.0	21.0



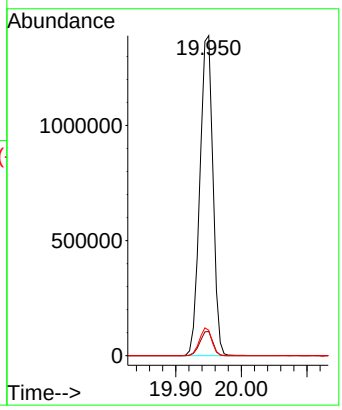


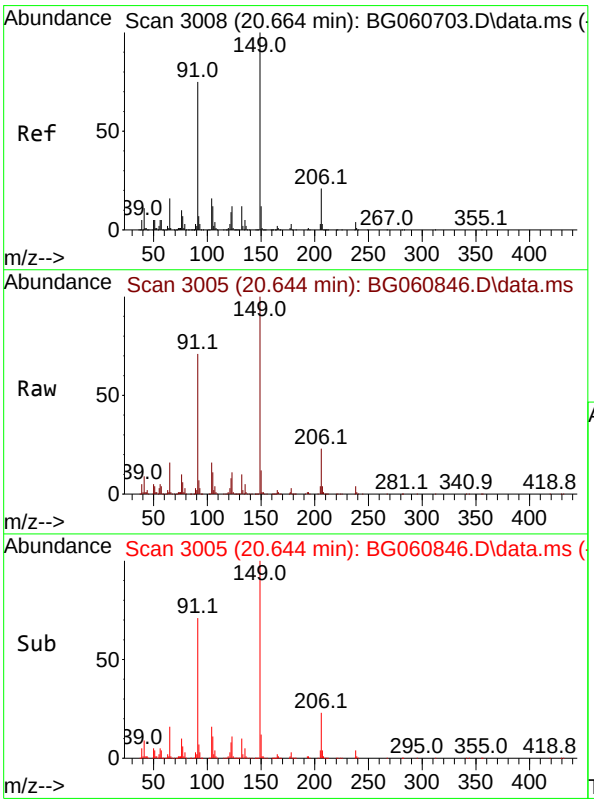
#79
Terphenyl-d14
Concen: 75.310 ng
RT: 19.950 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1927428

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	8.0	7.8	11.8

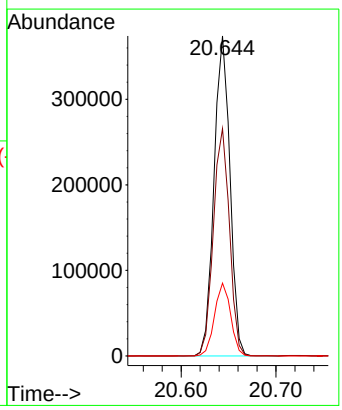


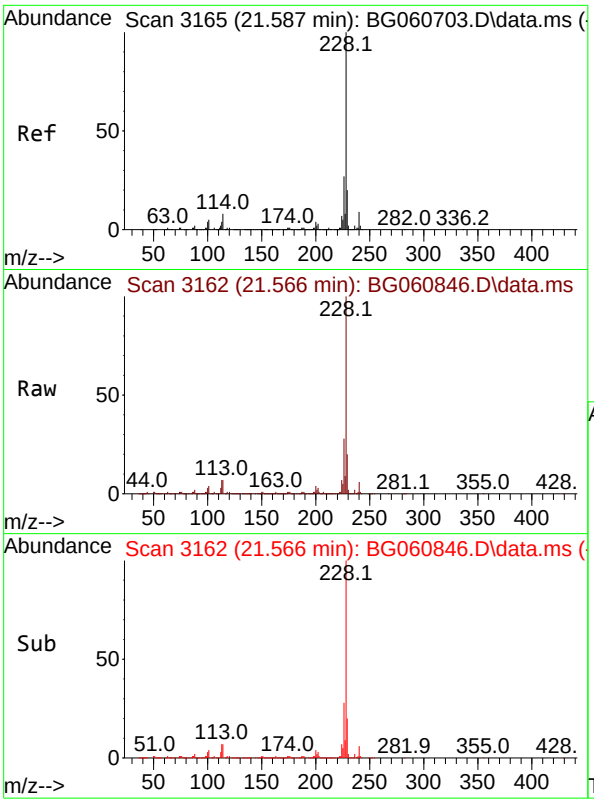


#80
Butylbenzylphthalate
Concen: 37.920 ng
RT: 20.644 min Scan# 3005
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:149 Resp: 435975

Ion	Ratio	Lower	Upper
149	100		
91	71.0	60.1	90.1
206	22.7	16.8	25.2



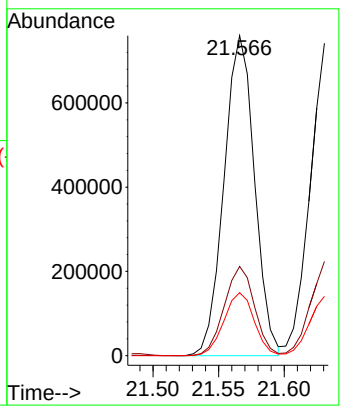


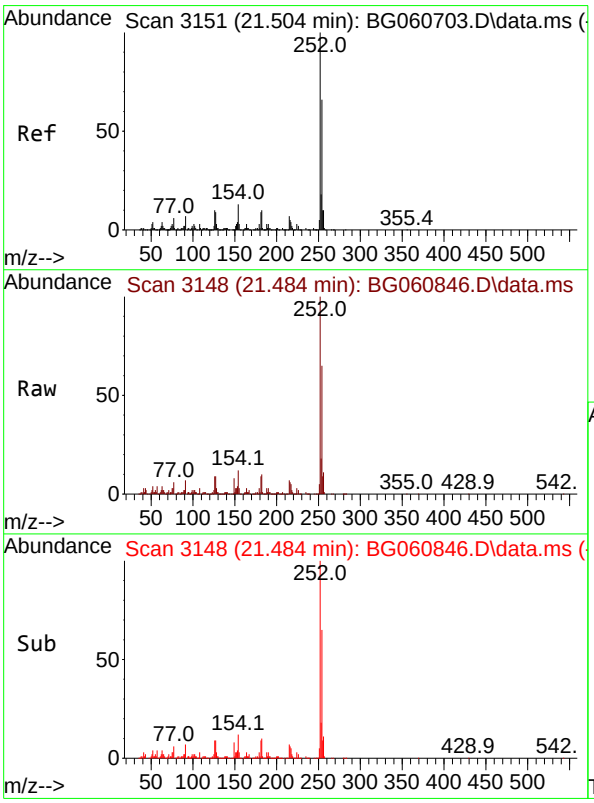
#81
Benzo(a)anthracene
Concen: 38.620 ng
RT: 21.566 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1226815

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	19.7	15.8	23.8

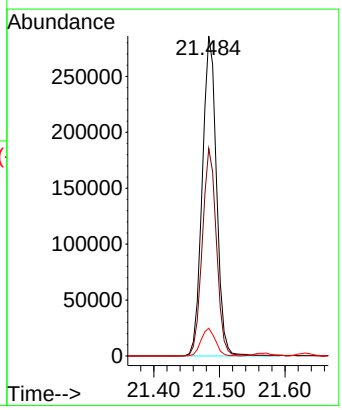


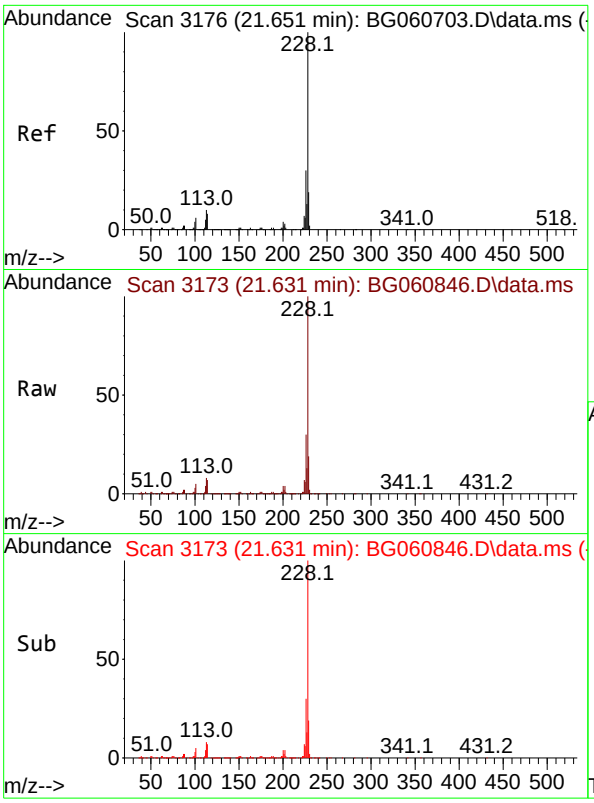


#82
3,3'-Dichlorobenzidine
Concen: 40.326 ng
RT: 21.484 min Scan# 3148
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:252 Resp: 432534

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.6	78.8
126	8.6	7.8	11.8



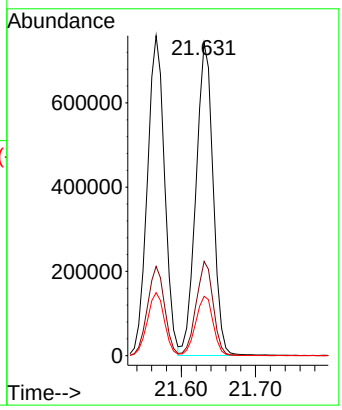


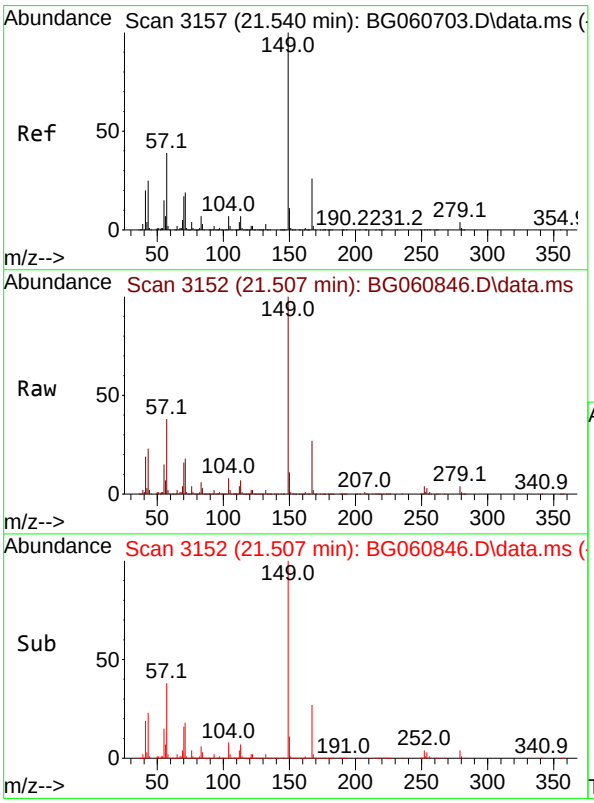
#83
Chrysene
Concen: 38.864 ng
RT: 21.631 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1189920

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	19.0	15.5	23.3

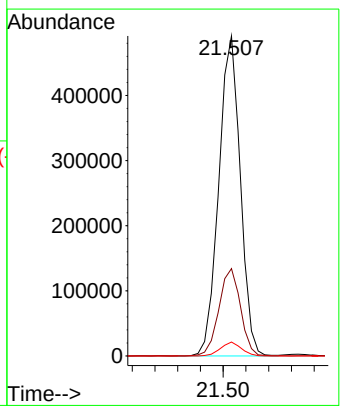


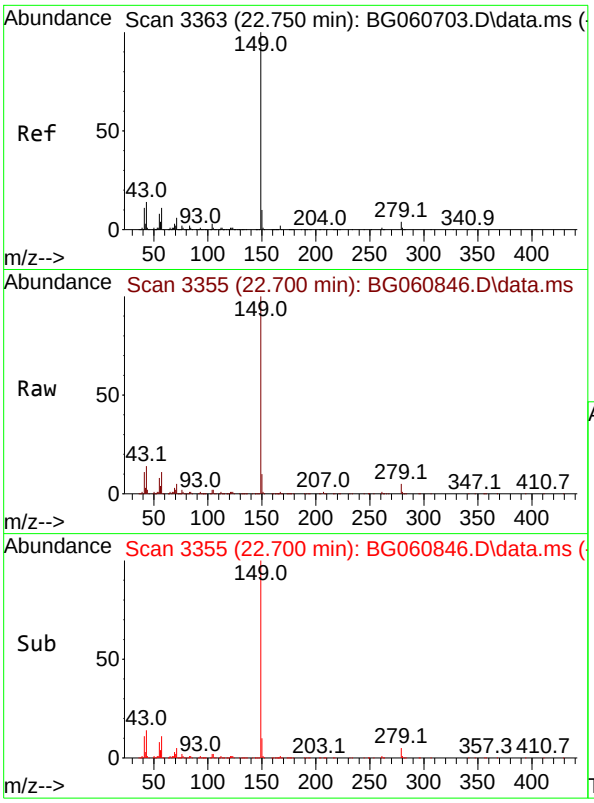


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.250 ng
RT: 21.507 min Scan# 3152
Delta R.T. -0.032 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:149 Resp: 645950

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.6	30.8
279	4.4	3.0	4.4



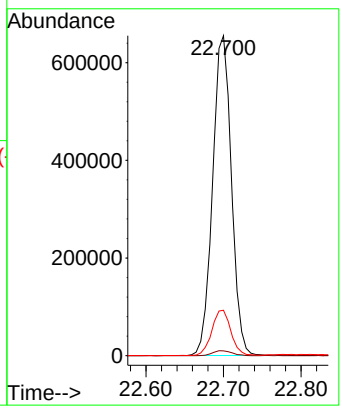


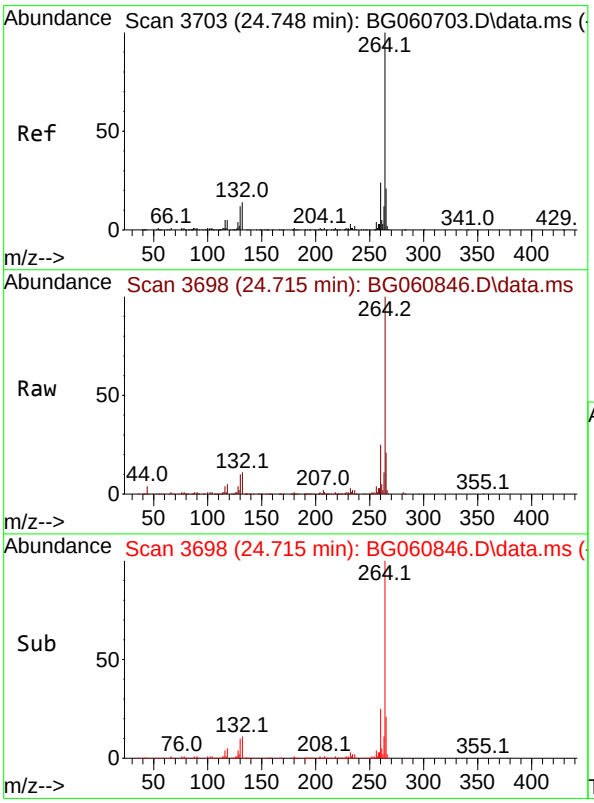
#85
Di-n-octyl phthalate
Concen: 36.947 ng
RT: 22.700 min Scan# 3
Delta R.T. -0.050 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1103003

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	14.4	11.3	16.9

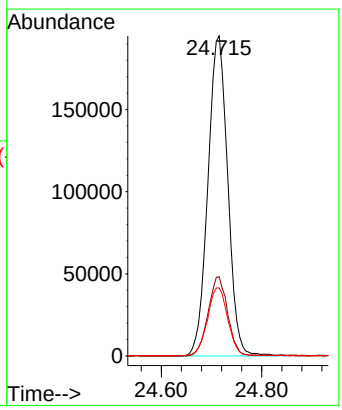


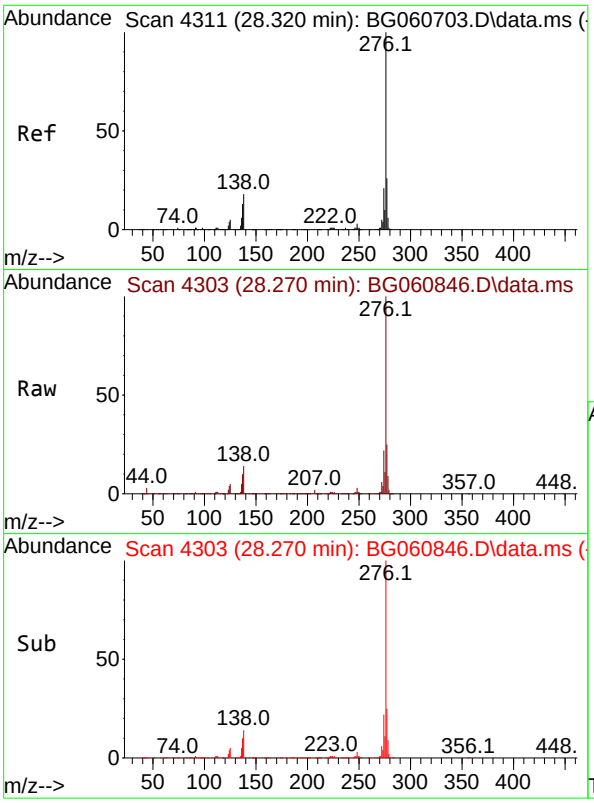


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.715 min Scan# 3698
Delta R.T. -0.032 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:264 Resp: 533932

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	16.9	25.3



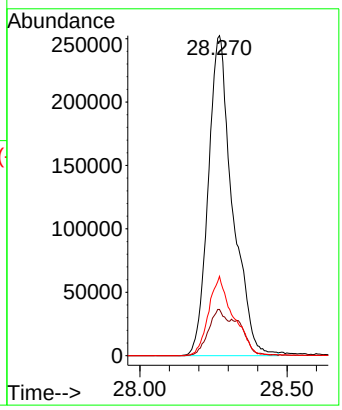


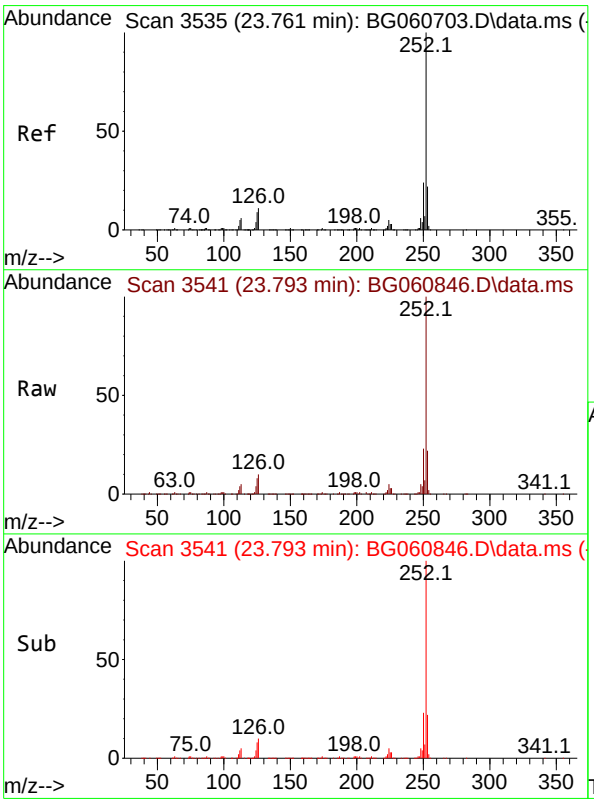
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.380 ng
RT: 28.270 min Scan# 4
Delta R.T. -0.050 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 1443091

Ion	Ratio	Lower	Upper
276	100		
138	11.3	12.4	18.6#
277	25.3	20.2	30.2

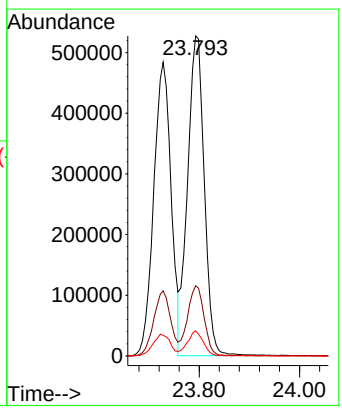


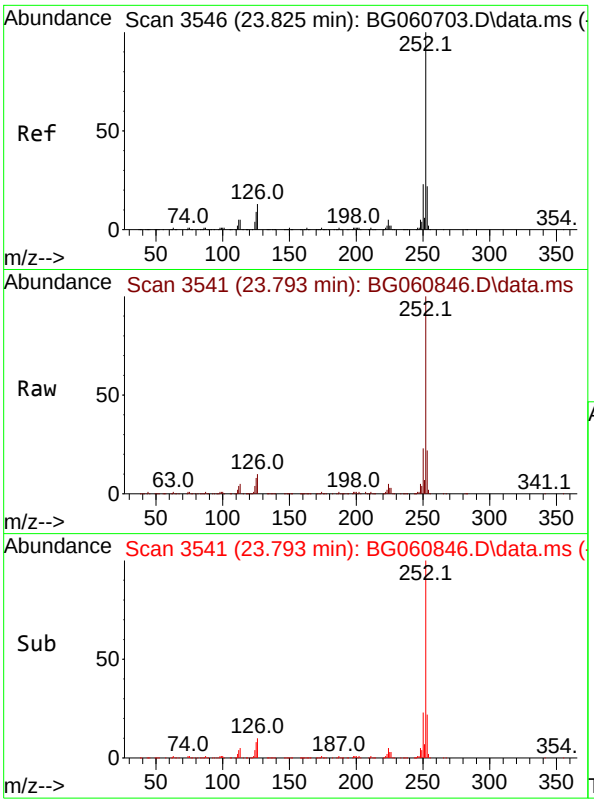


#88
Benzo(b)fluoranthene
Concen: 39.705 ng
RT: 23.793 min Scan# 3541
Delta R.T. 0.032 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:252 Resp: 1217914

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	7.9	7.1	10.7



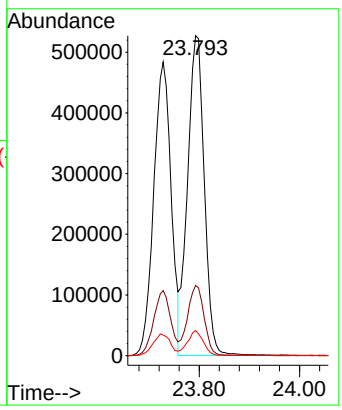


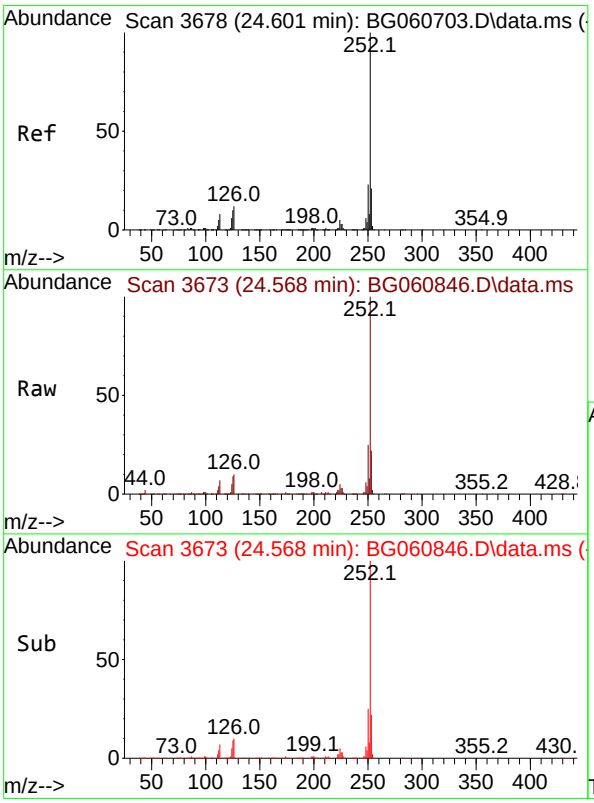
#89
Benzo(k)fluoranthene
Concen: 38.792 ng
RT: 23.793 min Scan# 3
Delta R.T. -0.032 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1217914

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	7.9	7.5	11.3

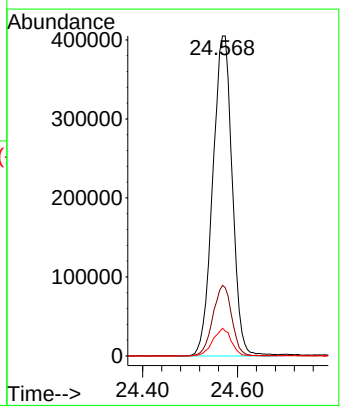


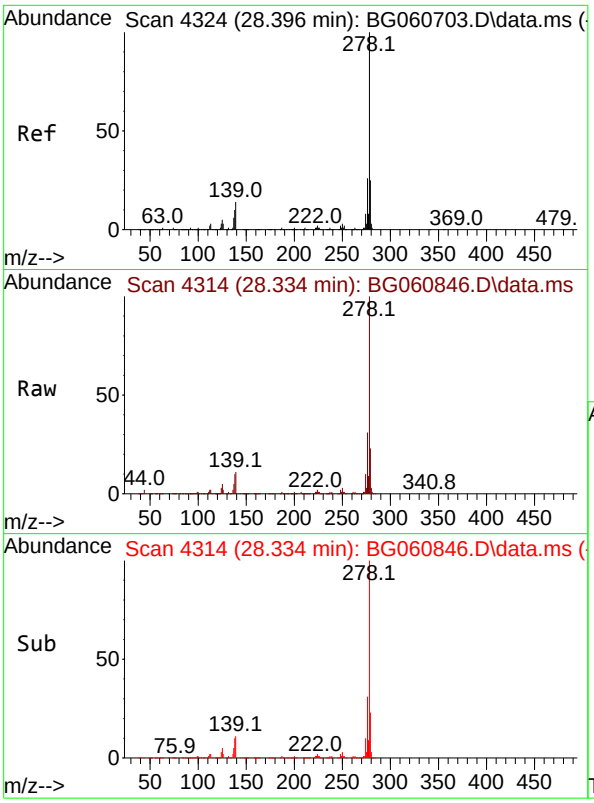


#90
Benzo(a)pyrene
Concen: 38.721 ng
RT: 24.568 min Scan# 3673
Delta R.T. -0.032 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:252 Resp: 1154240

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	8.7	7.6	11.4



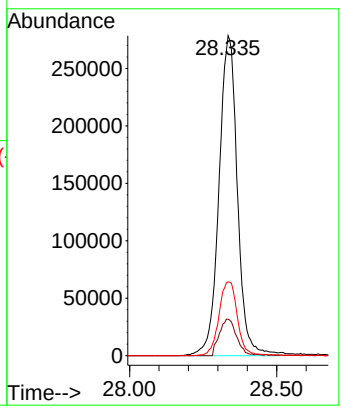


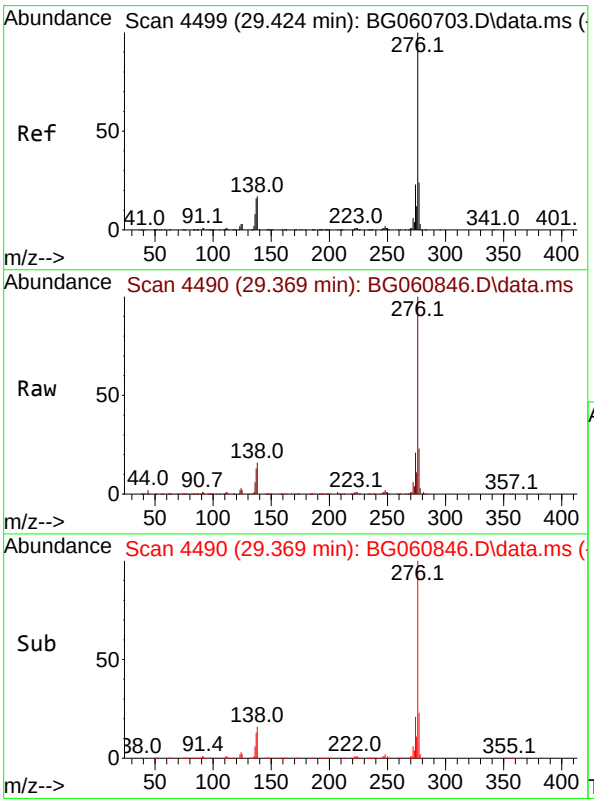
#91
Dibenzo(a,h)anthracene
Concen: 38.194 ng
RT: 28.334 min Scan# 4
Delta R.T. -0.062 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

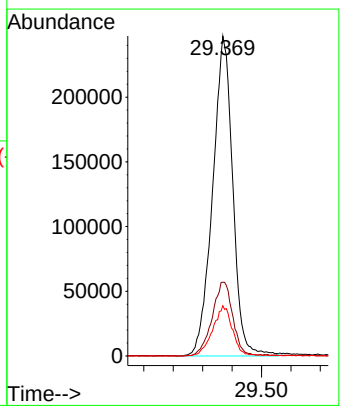
Tgt Ion:278 Resp: 1210594

Ion	Ratio	Lower	Upper
278	100		
139	11.4	11.1	16.7
279	23.0	19.8	29.6





#92
Benzo(g,h,i)perylene
Concen: 38.088 ng
RT: 29.369 min Scan# 4490
Delta R.T. -0.056 min
Lab File: BG060846.D
Acq: 10 Apr 2024 9:36

Tgt Ion:276 Resp: 1174350

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	15.7	14.0	21.0