Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060255.D
Acq On : 4 Jan 2024 22:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 05 01:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	228270	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	925304	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	719348	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1735762	20.000	ng		0.00
76) Chrysene-d12	21.590	240	1588032	20.000	ng		0.00
86) Perylene-d12	24.763	264	1788292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	1162914	76.893	ng		0.00
7) Phenol-d6	7.101	99	1806691	80.457	ng		0.00
23) Nitrobenzene-d5	9.104	82	1856897	92.694	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	824212	85.595	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	4179237	83.499	ng		0.00
79) Terphenyl-d14	19.945	244	5595324	67.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	248083	36.869	ng		99
3) Pyridine	3.811	79	744611	39.019	ng		94
4) n-Nitrosodimethylamine	3.728	42	253363	35.590	ng	#	89
6) Aniline	7.265	93	876644	38.965	ng		95
8) 2-Chlorophenol	7.506	128	560961	38.594	ng		100
9) Benzaldehyde	7.077	77	509932	37.771	ng		95
10) Phenol	7.130	94	891282	39.360	ng		93
11) bis(2-Chloroethyl)ether	7.359	93	697807	38.081	ng		94
12) 1,3-Dichlorobenzene	7.824	146	678247	37.801	ng		95
13) 1,4-Dichlorobenzene	7.970	146	685802	37.807	ng		100
14) 1,2-Dichlorobenzene	8.294	146	689615	38.888	ng		99
15) Benzyl Alcohol	8.176	79	576605	41.369	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	836260	35.560	ng		98
17) 2-Methylphenol	8.376	107	570661	40.246	ng		98
18) Hexachloroethane	9.022	117	229293	40.136	ng		97
19) n-Nitroso-di-n-propyla...	8.740	70	586890	38.258	ng		99
20) 3+4-Methylphenols	8.705	107	781917	38.909	ng		96
22) Acetophenone	8.758	105	1040879	37.967	ng		98
24) Nitrobenzene	9.146	77	868608	42.379	ng		98
25) Isophorone	9.663	82	1610546	38.426	ng		99
26) 2-Nitrophenol	9.851	139	324926	45.430	ng		91
27) 2,4-Dimethylphenol	9.909	122	415544	41.017	ng		97
28) bis(2-Chloroethoxy)met...	10.144	93	955754	38.934	ng		99
29) 2,4-Dichlorophenol	10.385	162	659781	41.207	ng		93
30) 1,2,4-Trichlorobenzene	10.603	180	766518	39.333	ng		98
31) Naphthalene	10.791	128	1949605	39.910	ng		98
32) Benzoic acid	10.044	122	353910	40.996	ng		91
33) 4-Chloroaniline	10.902	127	780277	40.899	ng		98
34) Hexachlorobutadiene	11.073	225	461900	39.852	ng		99
35) Caprolactam	11.672	113	225975	42.428	ng	#	79
36) 4-Chloro-3-methylphenol	12.025	107	709531	43.059	ng		97
37) 2-Methylnaphthalene	12.401	142	1416556	40.146	ng		99
38) 1-Methylnaphthalene	12.618	142	1421752	39.853	ng		99
40) 1,2,4,5-Tetrachloroben...	12.765	216	872595	37.870	ng		100
41) Hexachlorocyclopentadiene	12.747	237	273488	36.720	ng		98
43) 2,4,6-Trichlorophenol	13.006	196	618562	40.851	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060255.D
Acq On : 4 Jan 2024 22:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 05 01:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

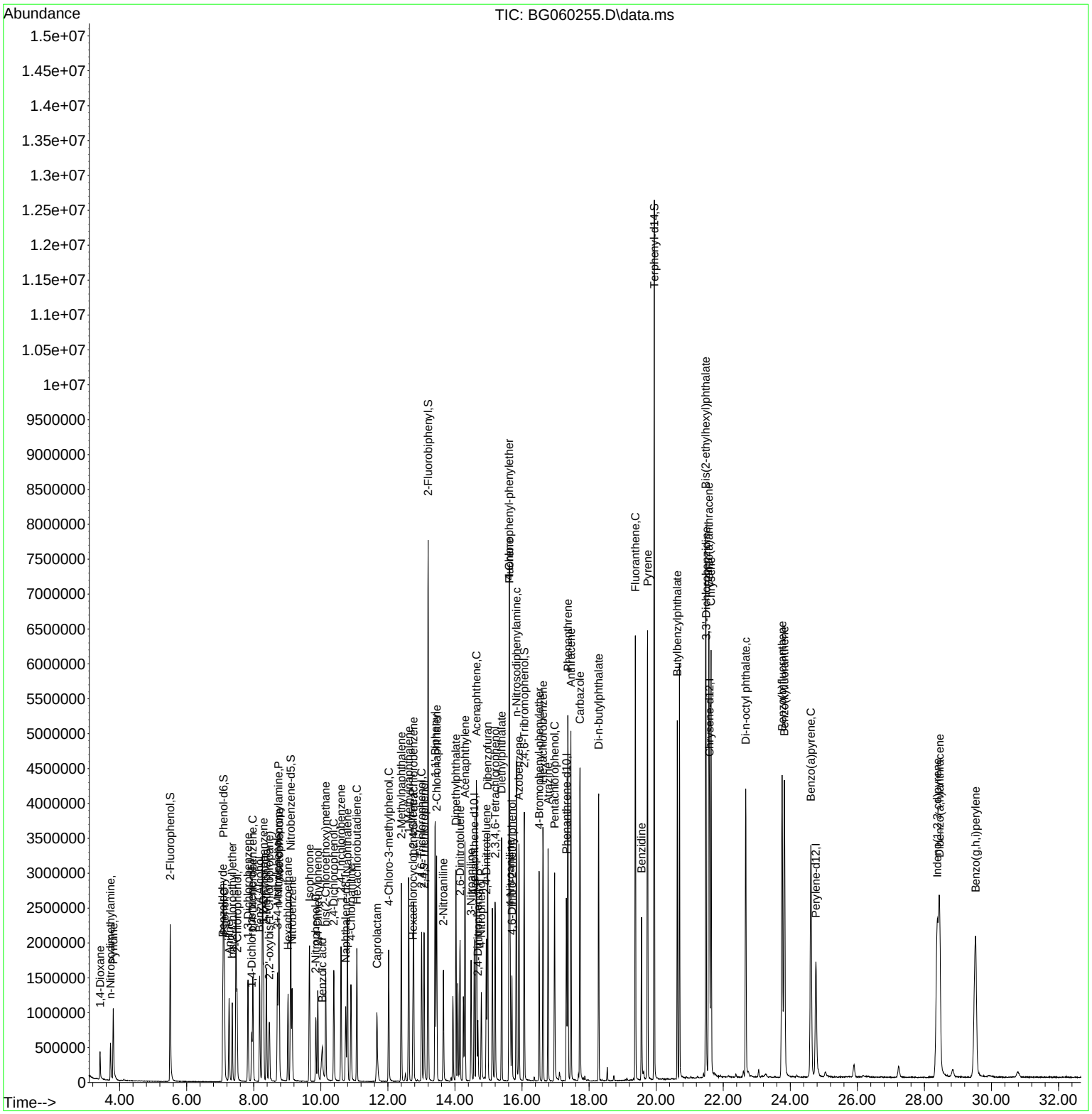
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	704849	41.611	ng		99
46) 1,1'-Biphenyl	13.411	154	2047627	38.689	ng		99
47) 2-Chloronaphthalene	13.452	162	1788264	39.659	ng		100
48) 2-Nitroaniline	13.658	65	532204	45.164	ng		99
49) Acenaphthylene	14.298	152	2598035	39.989	ng		99
50) Dimethylphthalate	14.028	163	2151365	38.736	ng		98
51) 2,6-Dinitrotoluene	14.151	165	499838	43.269	ng		98
52) Acenaphthene	14.639	154	1607048	39.639	ng		99
53) 3-Nitroaniline	14.480	138	467152	42.917	ng	#	95
54) 2,4-Dinitrophenol	14.686	184	243884	40.757	ng		99
55) Dibenzofuran	14.974	168	2649043	39.008	ng		100
56) 4-Nitrophenol	14.786	139	371793	45.187	ng		97
57) 2,4-Dinitrotoluene	14.939	165	691968	44.052	ng		96
58) Fluorene	15.626	166	2208154	39.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	632289	42.826	ng		100
60) Diethylphthalate	15.391	149	2091028	39.480	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	1134109	39.104	ng		99
62) 4-Nitroaniline	15.650	138	492310	42.912	ng		97
63) Azobenzene	15.908	77	2124254	38.685	ng		97
65) 4,6-Dinitro-2-methylph...	15.703	198	402172	46.305	ng		99
66) n-Nitrosodiphenylamine	15.832	169	1878379	40.159	ng		98
67) 4-Bromophenyl-phenylether	16.513	248	723152	39.296	ng		100
68) Hexachlorobenzene	16.625	284	853576	39.560	ng		97
69) Atrazine	16.778	200	651530	37.900	ng		98
70) Pentachlorophenol	16.972	266	609457	51.417	ng		93
71) Phenanthrene	17.365	178	3412623	39.775	ng		99
72) Anthracene	17.459	178	3389297	39.770	ng		98
73) Carbazole	17.730	167	3248752	40.192	ng		99
74) Di-n-butylphthalate	18.288	149	3324087	42.436	ng		98
75) Fluoranthene	19.381	202	3956972	39.319	ng		98
77) Benzidine	19.563	184	1574597	35.826	ng		98
78) Pyrene	19.745	202	4130660	38.695	ng		97
80) Butylbenzylphthalate	20.632	149	1520836	48.317	ng		98
81) Benzo(a)anthracene	21.572	228	3973174	39.351	ng		98
82) 3,3'-Dichlorobenzidine	21.490	252	1525947	41.560	ng		98
83) Chrysene	21.637	228	3809874	38.840	ng		96
84) Bis(2-ethylhexyl)phtha...	21.478	149	2234484	46.812	ng		100
85) Di-n-octyl phthalate	22.671	149	3743538	47.911	ng		99
87) Indeno(1,2,3-cd)pyrene	28.382	276	5125496	40.653	ng	#	91
88) Benzo(b)fluoranthene	23.758	252	4198221	39.066	ng		98
89) Benzo(k)fluoranthene	23.822	252	4324570	39.982	ng		99
90) Benzo(a)pyrene	24.616	252	3899176	40.104	ng		98
91) Dibenzo(a,h)anthracene	28.452	278	4166189	40.217	ng		100
92) Benzo(g,h,i)perylene	29.528	276	4205643	40.081	ng		98

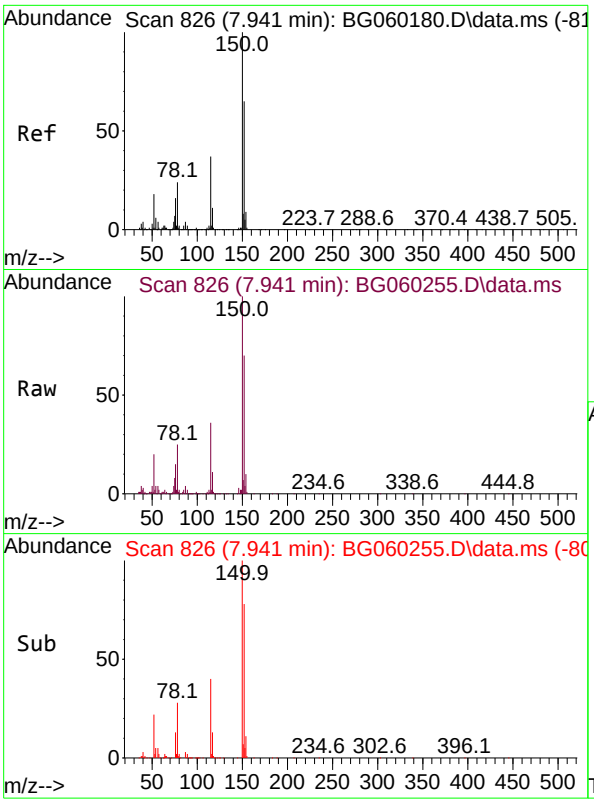
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060255.D
Acq On : 4 Jan 2024 22:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 05 01:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



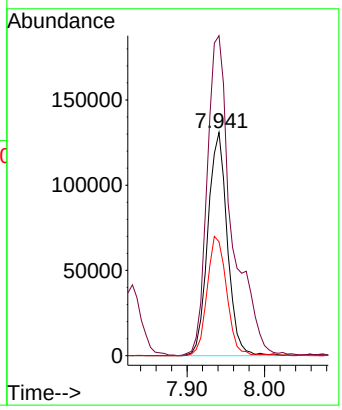


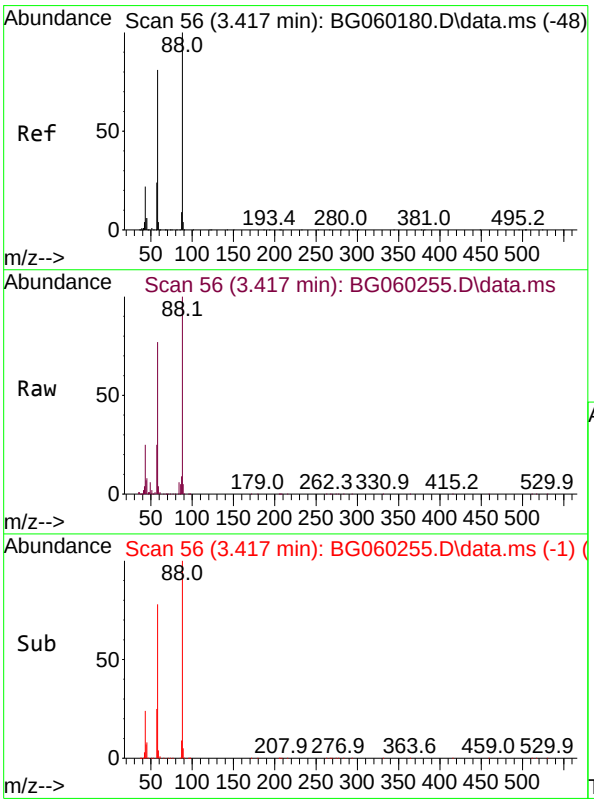
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 228270

Ion	Ratio	Lower	Upper
152	100		
150	143.3	123.4	185.0
115	51.0	45.4	68.0

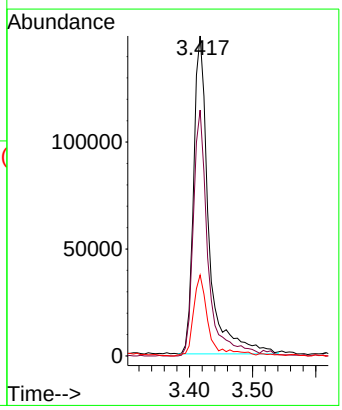


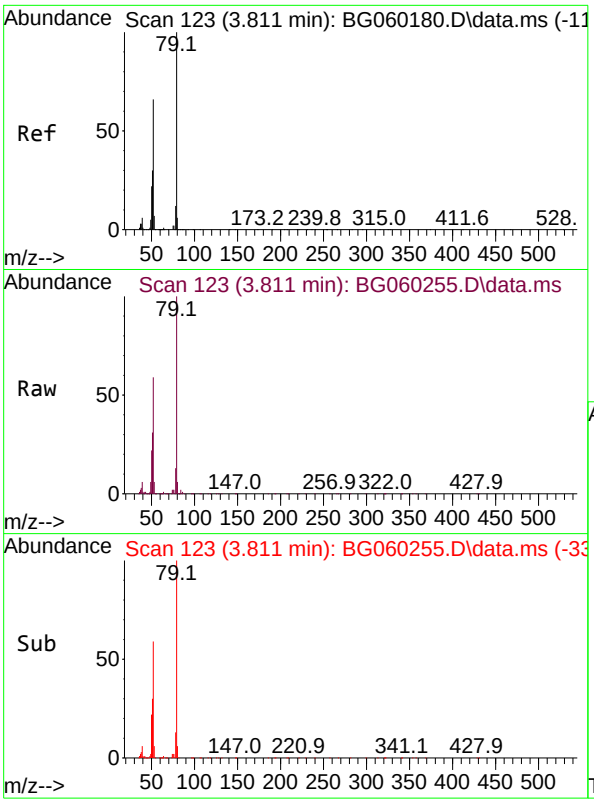


#2
1,4-Dioxane
Concen: 36.869 ng
RT: 3.417 min Scan# 56
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 88 Resp: 248083

Ion	Ratio	Lower	Upper
88	100		
58	74.7	60.5	90.7
43	24.8	18.9	28.3



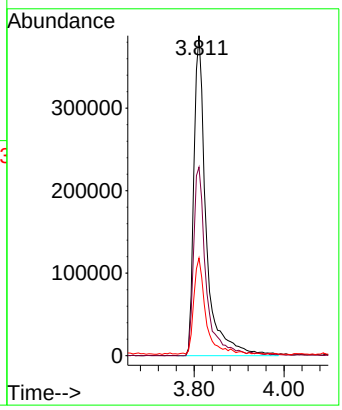


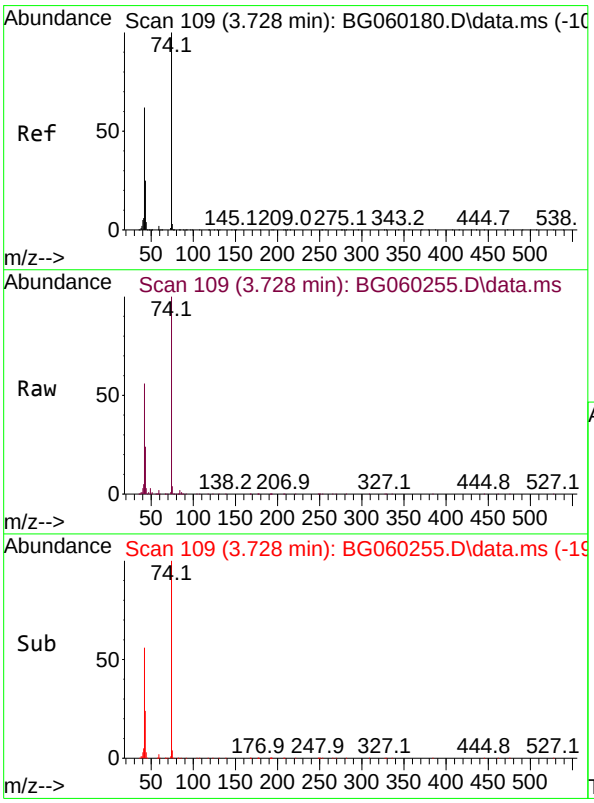
#3
Pyridine
Concen: 39.019 ng
RT: 3.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 744611

Ion	Ratio	Lower	Upper
79	100		
52	58.9	52.9	79.3
51	30.5	24.6	37.0

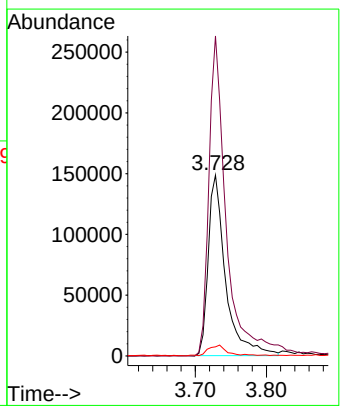


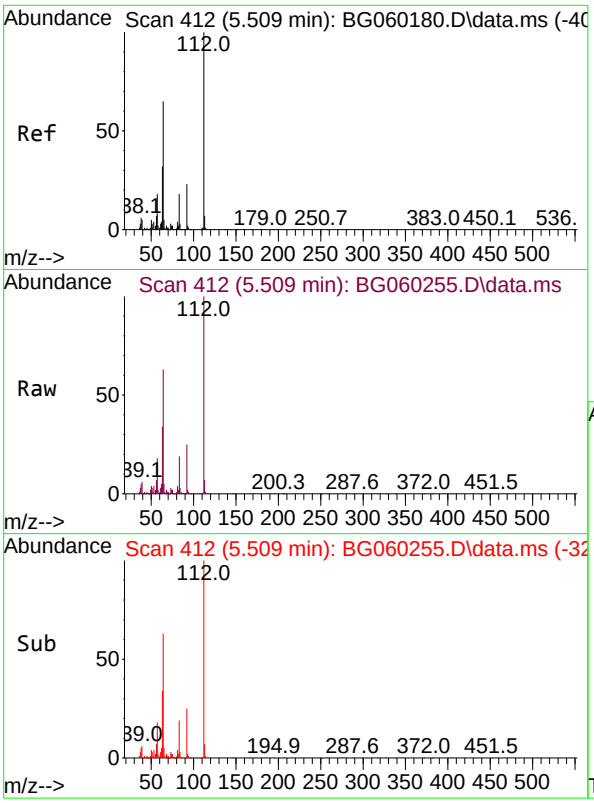


#4
n-Nitrosodimethylamine
Concen: 35.590 ng
RT: 3.728 min Scan# 109
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 42 Resp: 253363

Ion	Ratio	Lower	Upper
42	100		
74	177.0	129.5	194.3
44	5.0	5.9	8.9#



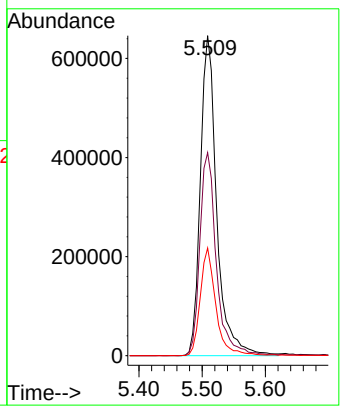


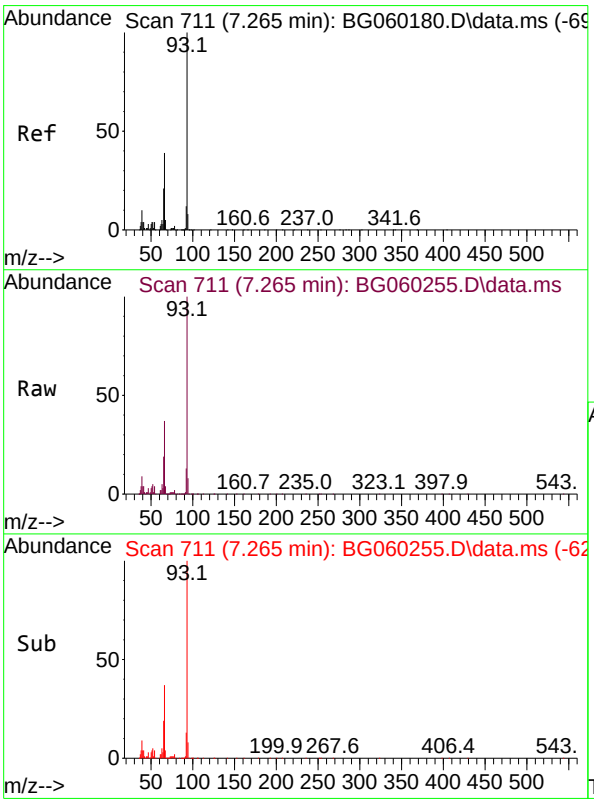
#5
2-Fluorophenol
Concen: 76.893 ng
RT: 5.509 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1162914

Ion	Ratio	Lower	Upper
112	100		
64	63.4	52.2	78.4
63	33.6	25.4	38.0

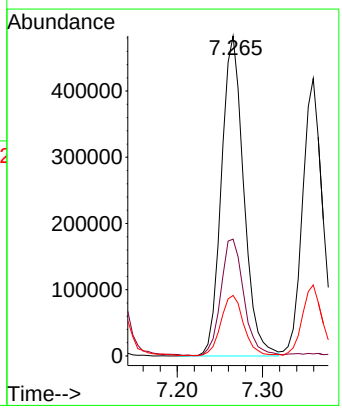


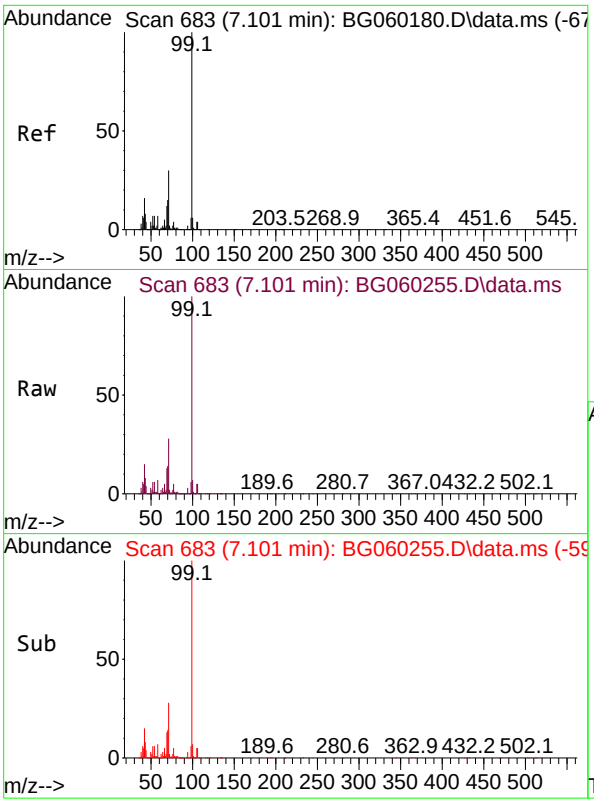


#6
Aniline
Concen: 38.965 ng
RT: 7.265 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 93 Resp: 876644

Ion	Ratio	Lower	Upper
93	100		
66	36.5	31.7	47.5
65	18.9	16.7	25.1



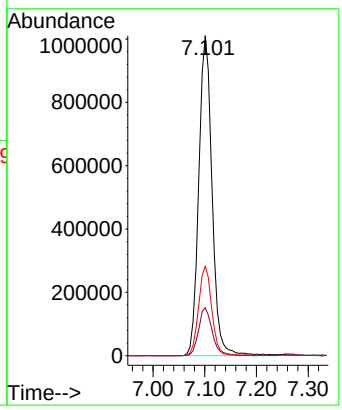


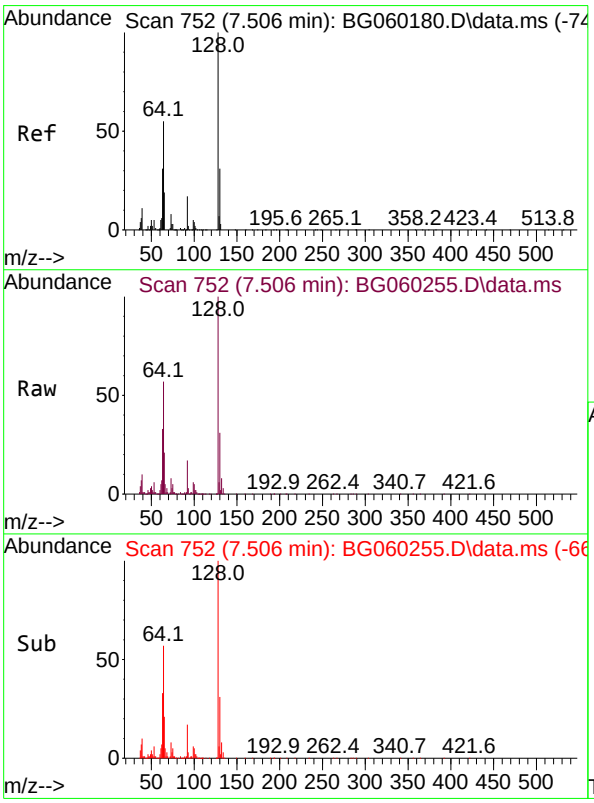
#7
Phenol-d6
Concen: 80.457 ng
RT: 7.101 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1806691

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.5	18.7
71	27.9	24.1	36.1

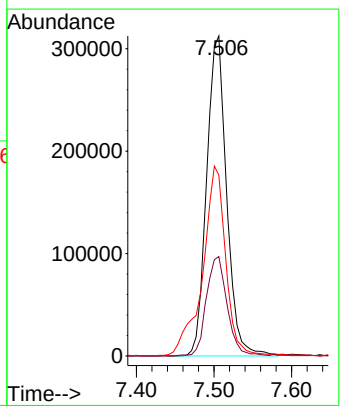


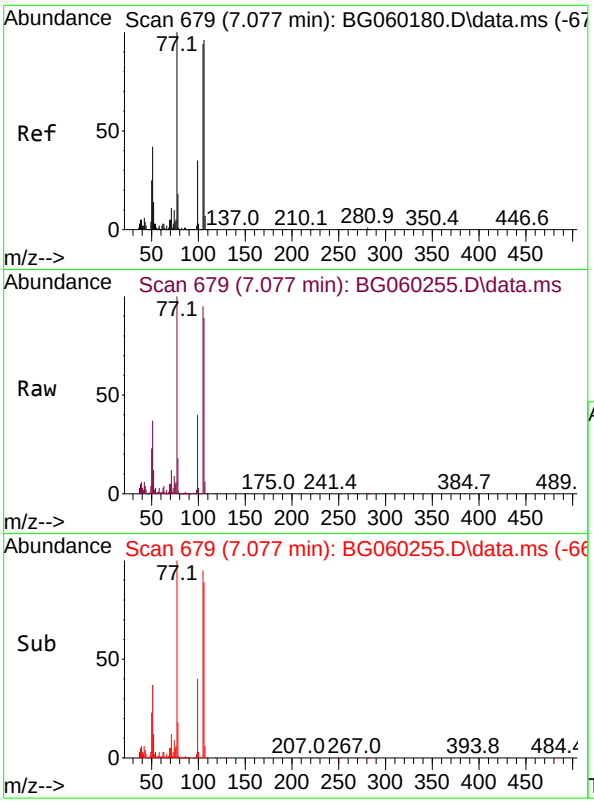


#8
2-Chlorophenol
Concen: 38.594 ng
RT: 7.506 min Scan# 752
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:128 Resp: 560961

Ion	Ratio	Lower	Upper
128	100		
130	31.0	11.3	51.3
64	56.5	36.4	76.4



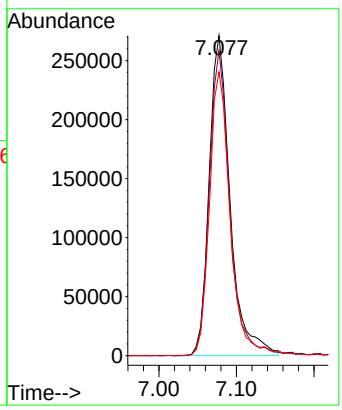


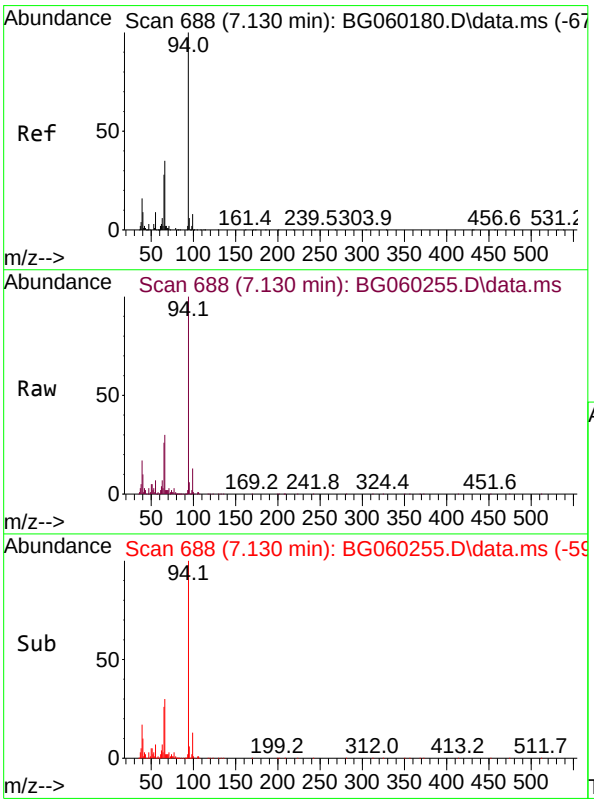
#9
Benzaldehyde
Concen: 37.771 ng
RT: 7.077 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 509932

Ion	Ratio	Lower	Upper
77	100		
105	95.3	73.8	113.8
106	88.7	76.2	116.2

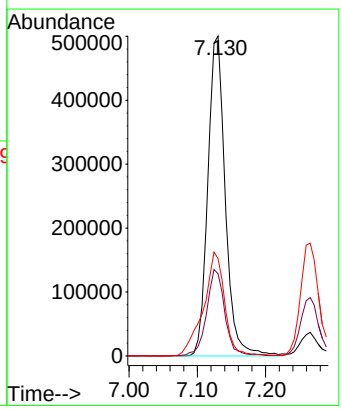


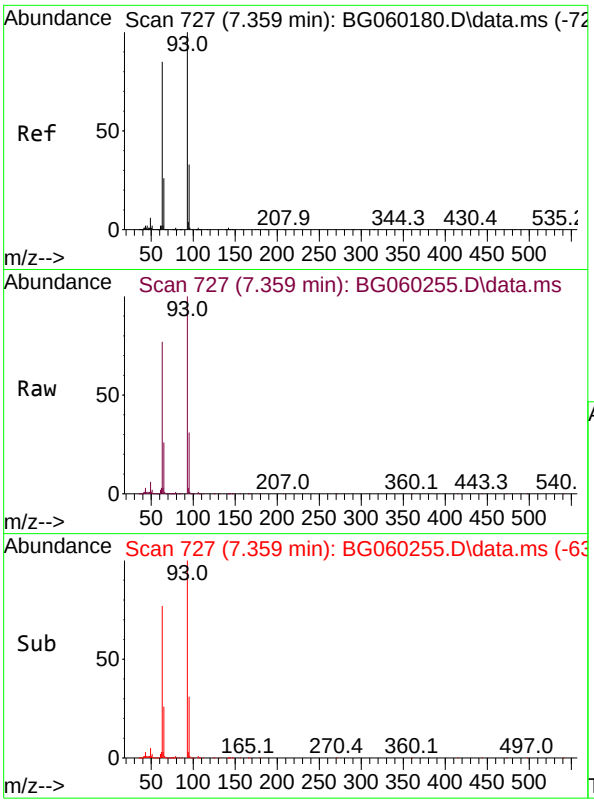


#10
Phenol
Concen: 39.360 ng
RT: 7.130 min Scan# 688
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 94 Resp: 891282

Ion	Ratio	Lower	Upper
94	100		
65	25.7	8.4	48.4
66	30.4	15.0	55.0



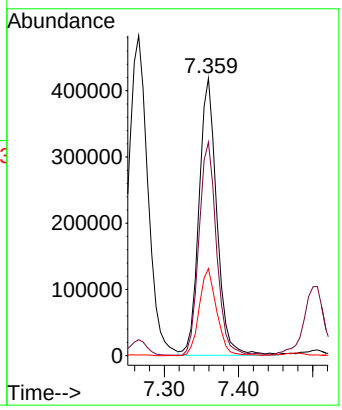


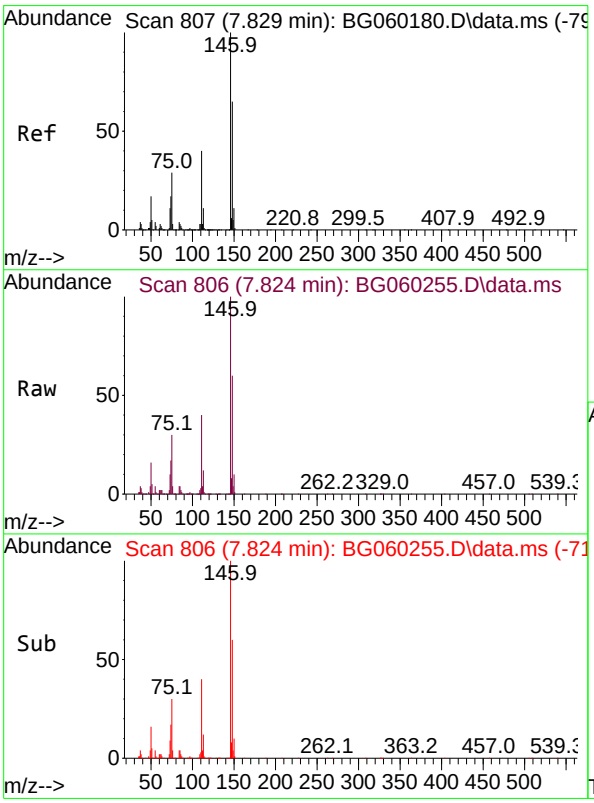
#11
bis(2-Chloroethyl)ether
Concen: 38.081 ng
RT: 7.359 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 697807

Ion	Ratio	Lower	Upper
93	100		
63	77.0	63.8	103.8
95	31.4	12.3	52.3

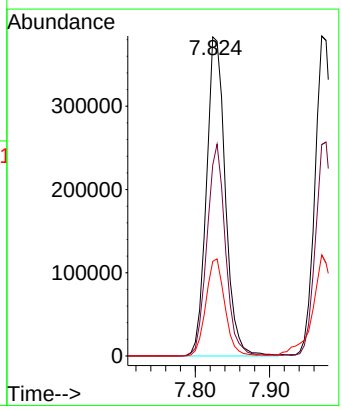


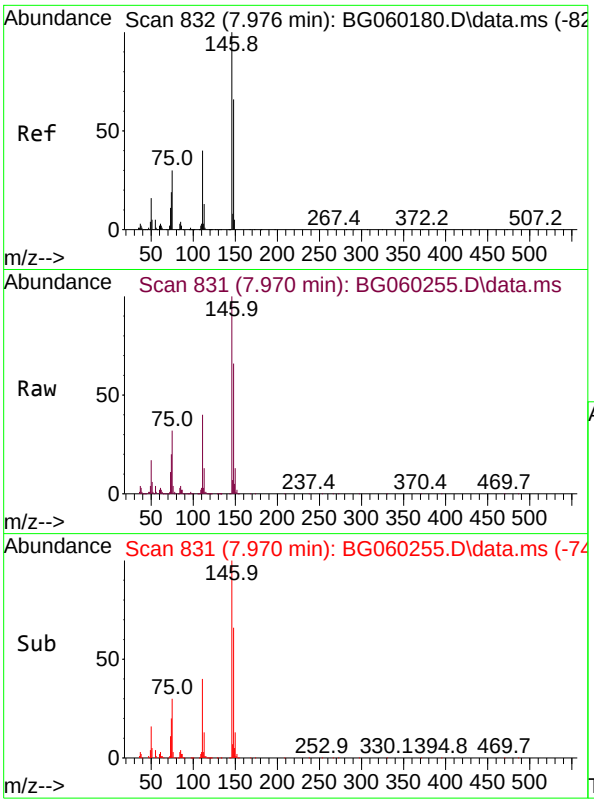


#12
1,3-Dichlorobenzene
Concen: 37.801 ng
RT: 7.824 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:146 Resp: 678247

Ion	Ratio	Lower	Upper
146	100		
148	59.9	52.2	78.4
75	29.6	23.4	35.2



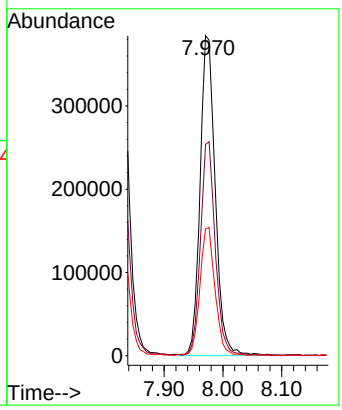


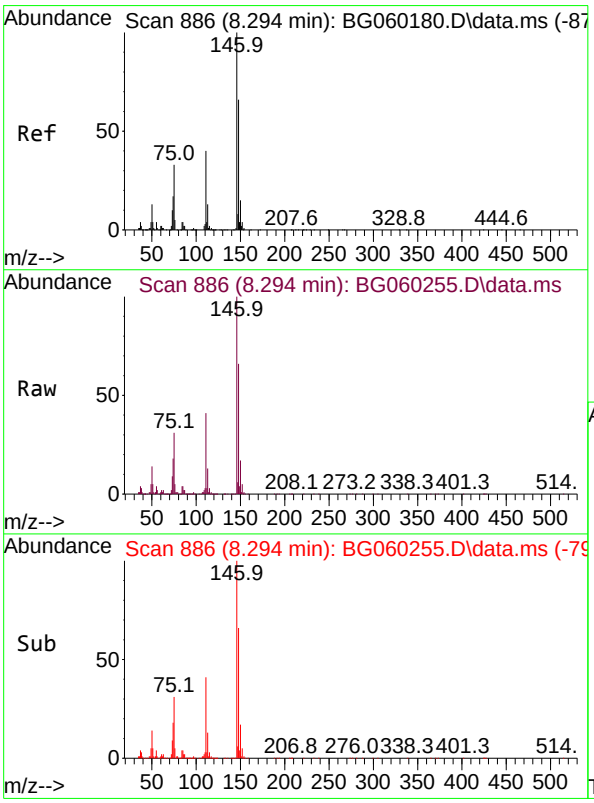
#13
1,4-Dichlorobenzene
Concen: 37.807 ng
RT: 7.970 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 685802

Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.0	79.4
111	39.6	32.0	48.0

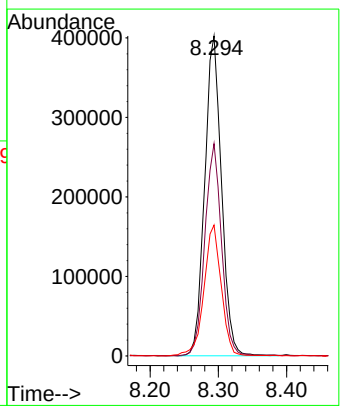


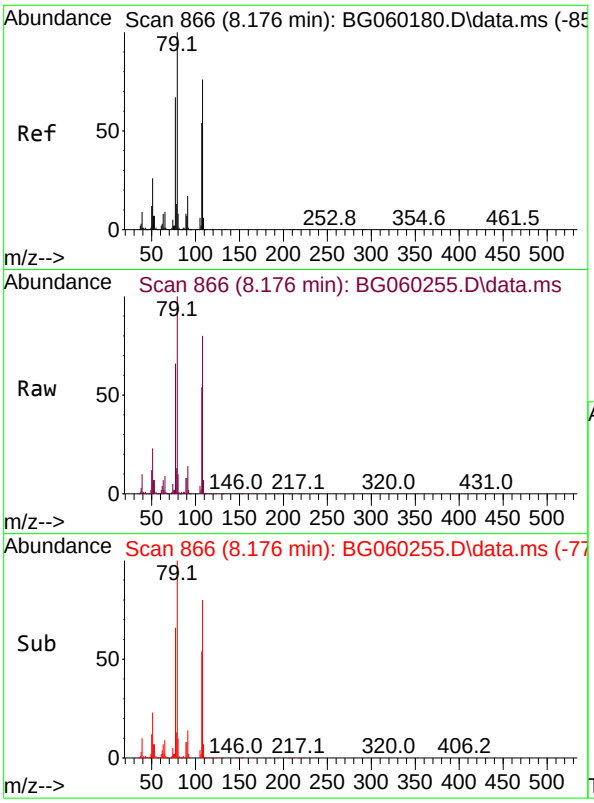


#14
1,2-Dichlorobenzene
Concen: 38.888 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:146 Resp: 689615

Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.9	79.3
111	40.9	31.8	47.8



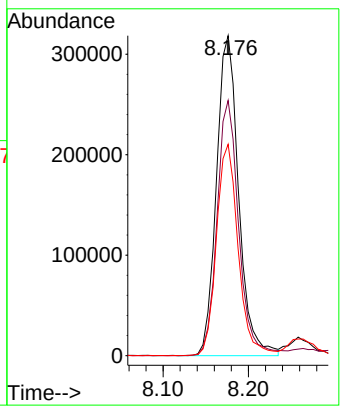


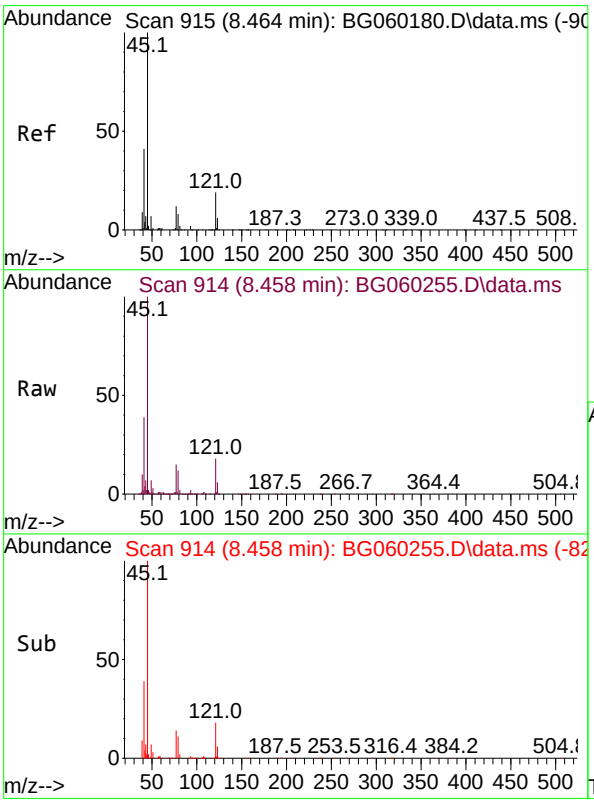
#15
Benzyl Alcohol
Concen: 41.369 ng
RT: 8.176 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 576605

Ion	Ratio	Lower	Upper
79	100		
108	79.8	60.6	91.0
77	66.0	53.8	80.6

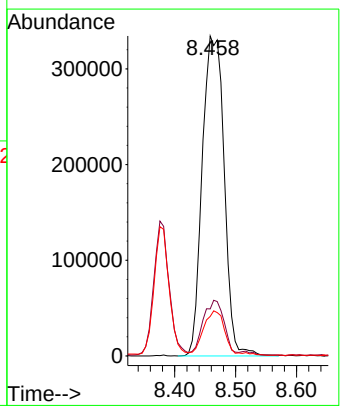


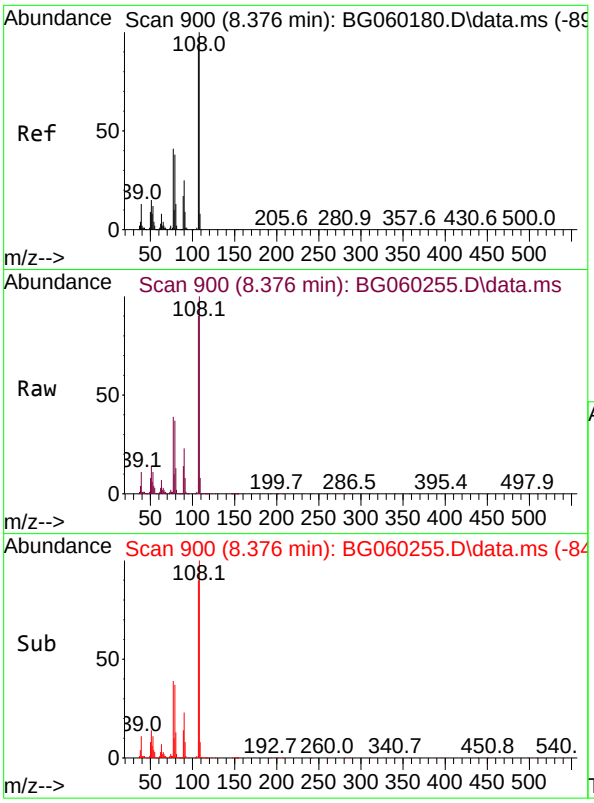


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.560 ng
RT: 8.458 min Scan# 914
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 45 Resp: 836260

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.5
79	12.4	0.0	31.5



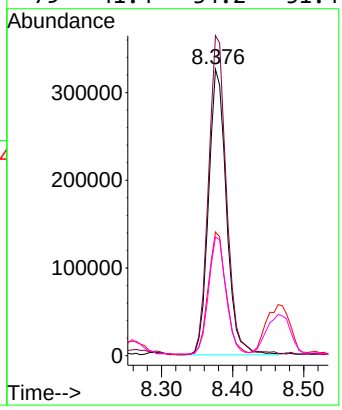


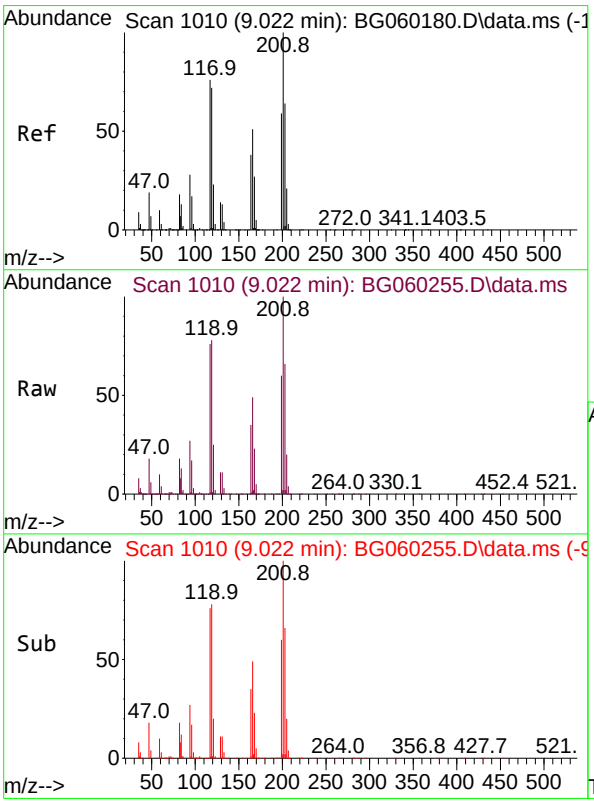
#17
2-Methylphenol
Concen: 40.246 ng
RT: 8.376 min Scan# 9(
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 570661

Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.7	133.1
77	43.2	36.4	54.6
79	41.4	34.2	51.4

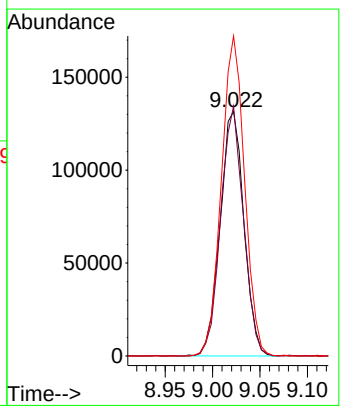


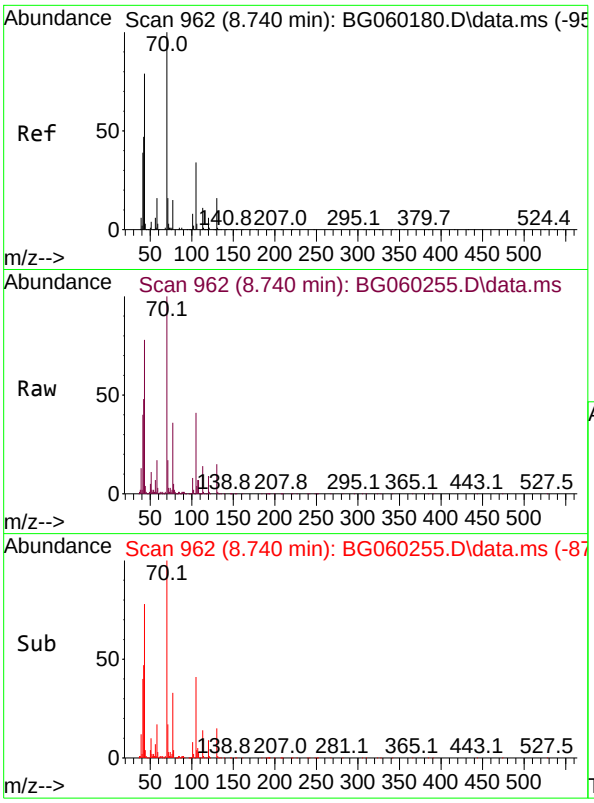


#18
Hexachloroethane
Concen: 40.136 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:117 Resp: 229293

Ion	Ratio	Lower	Upper
117	100		
119	102.1	76.0	114.0
201	133.6	107.5	161.3



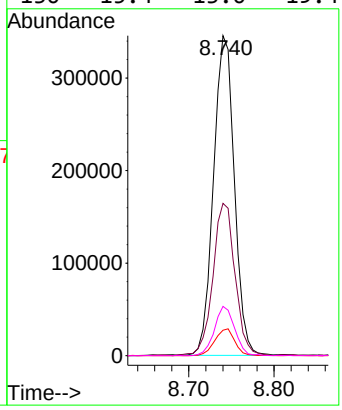


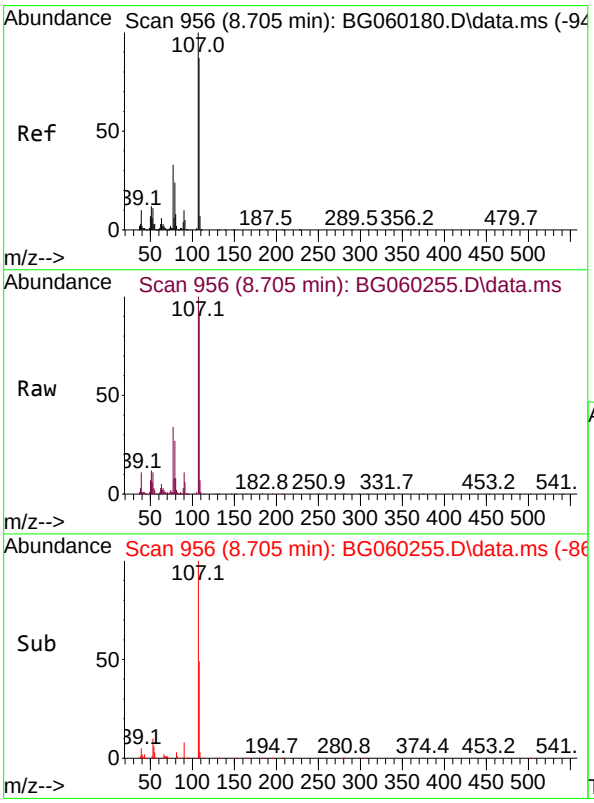
#19
n-Nitroso-di-n-propylamine
Concen: 38.258 ng
RT: 8.740 min Scan# 9
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 586890

Ion	Ratio	Lower	Upper
70	100		
42	47.6	37.9	56.9
101	8.0	6.2	9.2
130	15.4	13.0	19.4

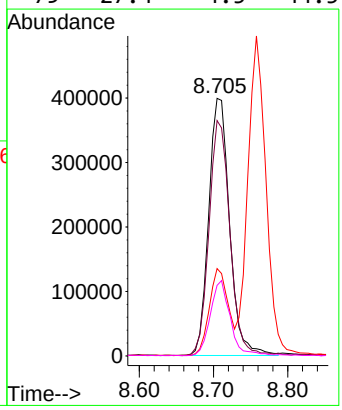


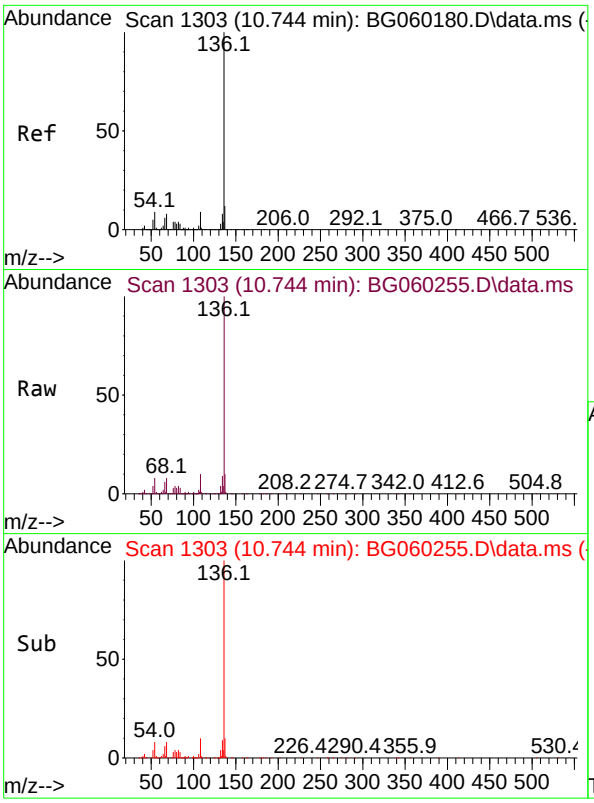


#20
3+4-Methylphenols
Concen: 38.909 ng
RT: 8.705 min Scan# 956
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:107 Resp: 781917

Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.4	107.4
77	33.9	12.8	52.8
79	27.4	4.5	44.5



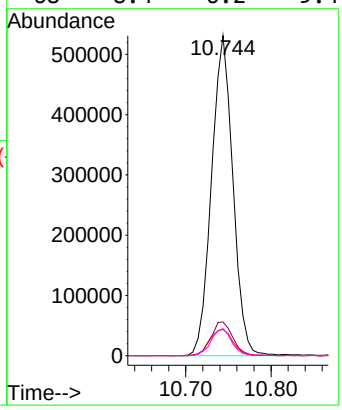


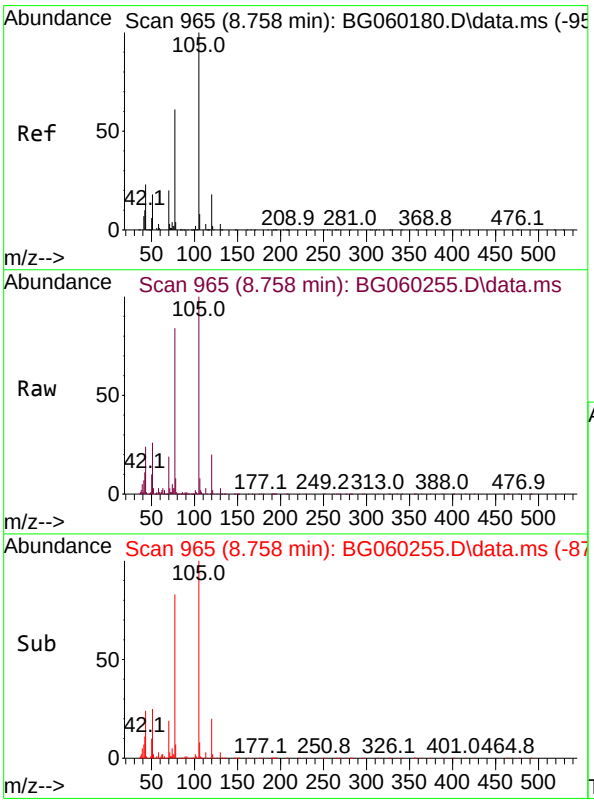
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 925304

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	8.2	7.4	11.2
68	8.4	6.2	9.4

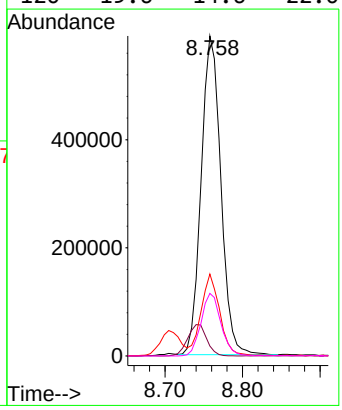


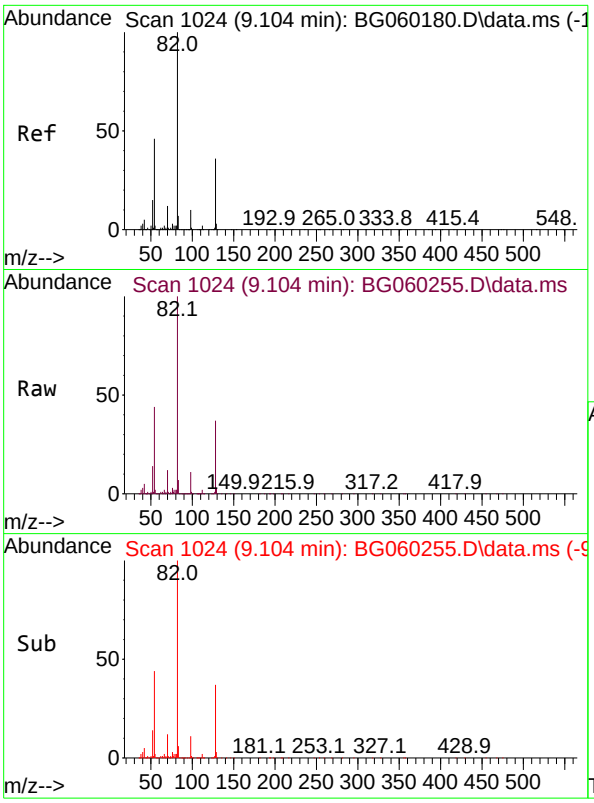


#22
Acetophenone
Concen: 37.967 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:105 Resp: 1040879

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.6	3.8
51	25.6	20.0	30.0
120	19.6	14.6	22.0



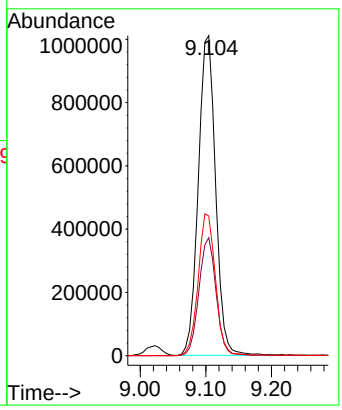


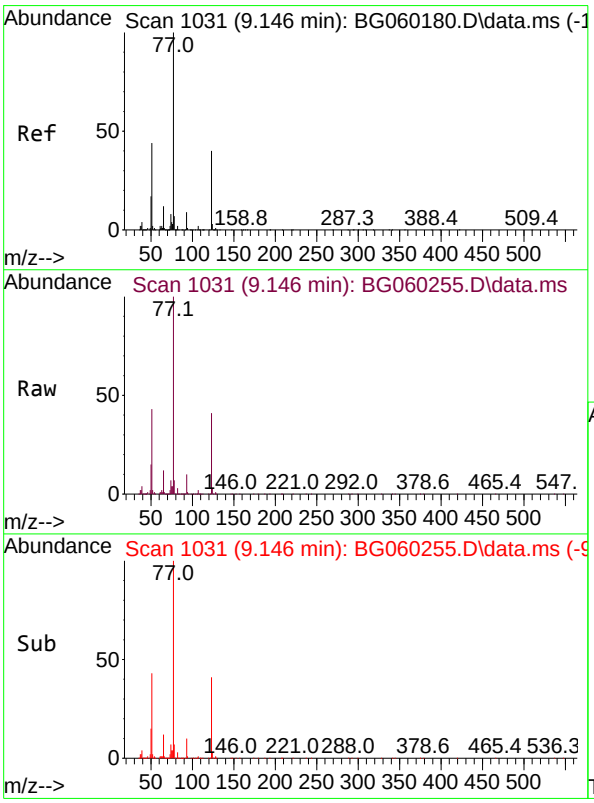
#23
Nitrobenzene-d5
Concen: 92.694 ng
RT: 9.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1856897

Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.7	43.1
54	43.7	36.9	55.3

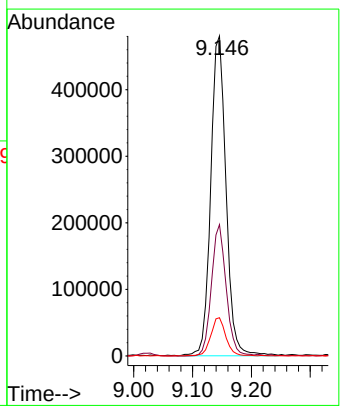


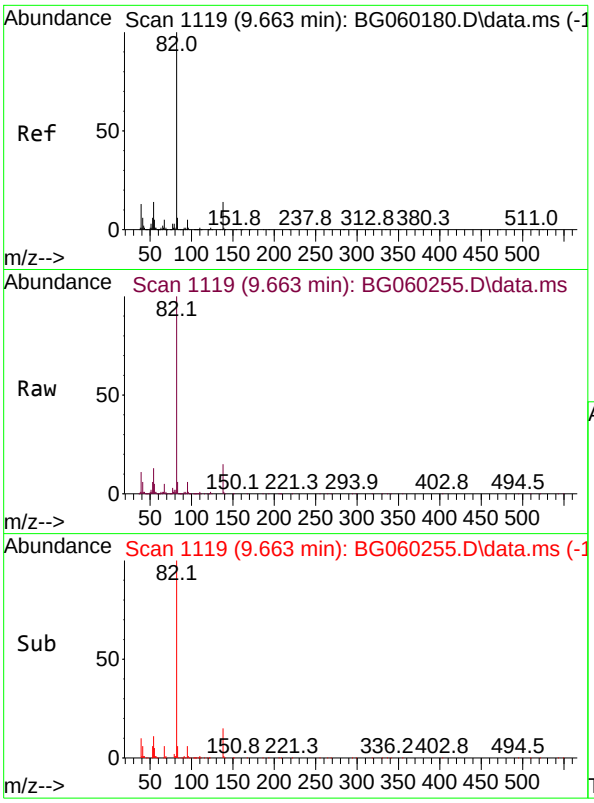


#24
Nitrobenzene
Concen: 42.379 ng
RT: 9.146 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 77 Resp: 868608

Ion	Ratio	Lower	Upper
77	100		
123	41.1	31.9	47.9
65	11.9	9.9	14.9



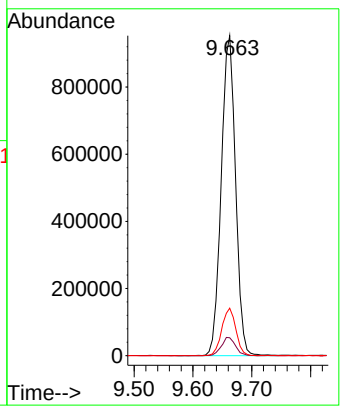


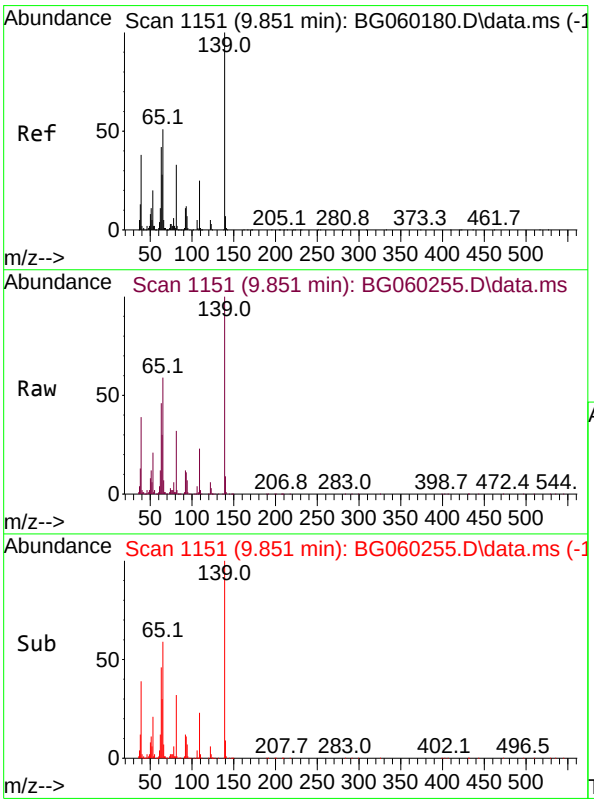
#25
Isophorone
Concen: 38.426 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1610546

Ion	Ratio	Lower	Upper
82	100		
95	5.6	4.4	6.6
138	14.8	11.5	17.3

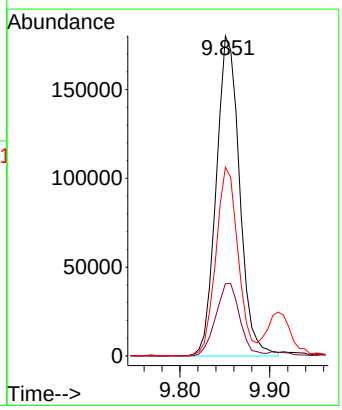


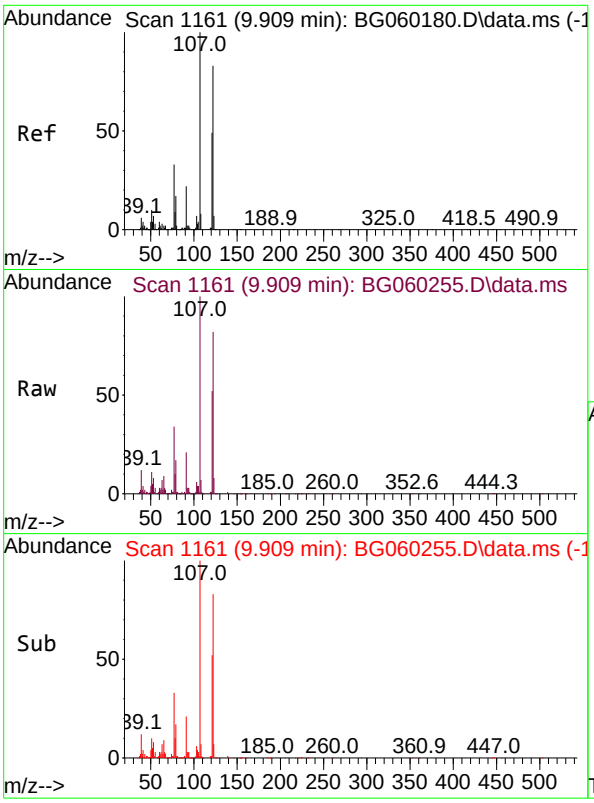


#26
2-Nitrophenol
Concen: 45.430 ng
RT: 9.851 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:139 Resp: 324926

Ion	Ratio	Lower	Upper
139	100		
109	22.5	19.8	29.8
65	59.0	40.8	61.2



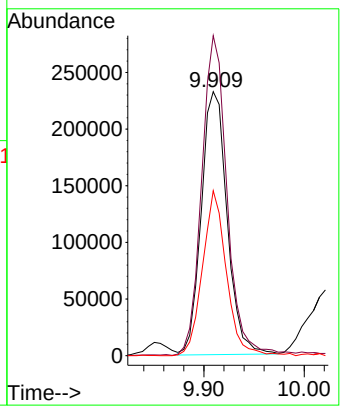


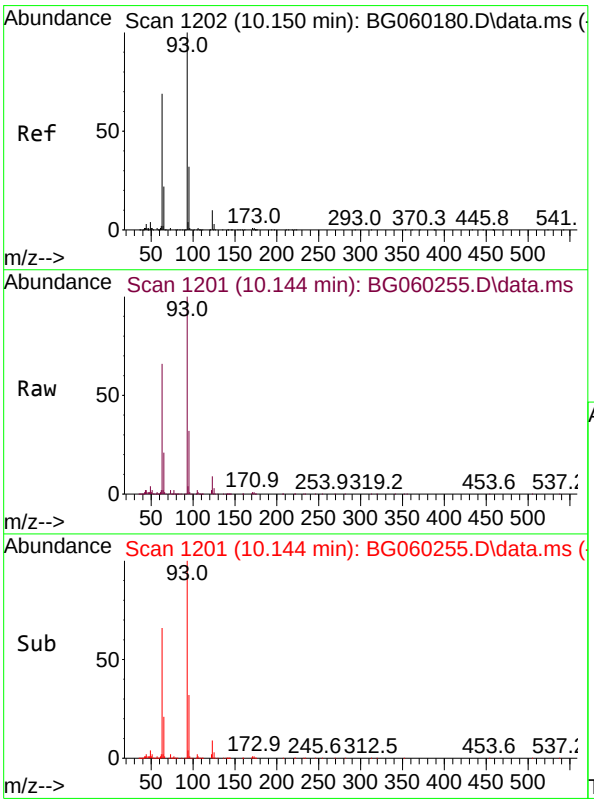
#27
2,4-Dimethylphenol
Concen: 41.017 ng
RT: 9.909 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 415544

Ion	Ratio	Lower	Upper
122	100		
107	121.2	95.8	143.6
121	62.5	46.2	69.4

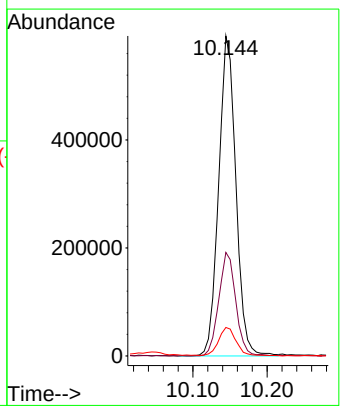


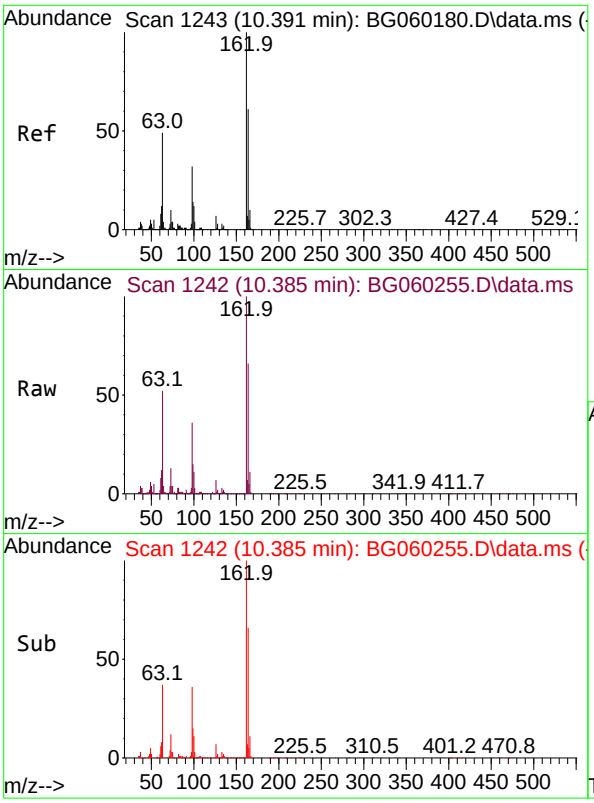


#28
bis(2-Chloroethoxy)methane
Concen: 38.934 ng
RT: 10.144 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 93 Resp: 955754

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	8.9	7.8	11.6



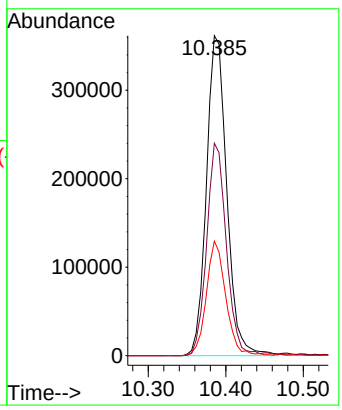


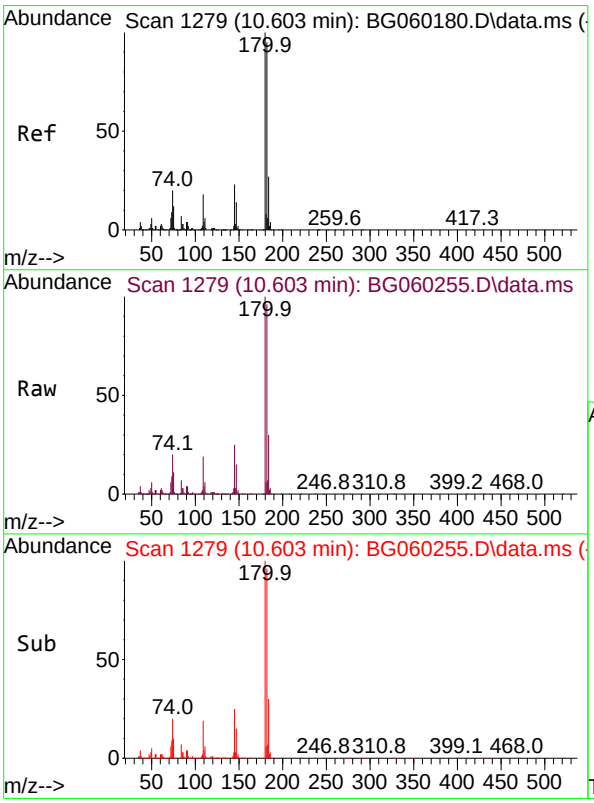
#29
2,4-Dichlorophenol
Concen: 41.207 ng
RT: 10.385 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 659781

Ion	Ratio	Lower	Upper
162	100		
164	66.4	40.7	80.7
98	35.8	11.7	51.7

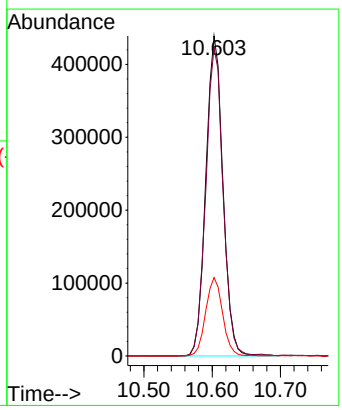


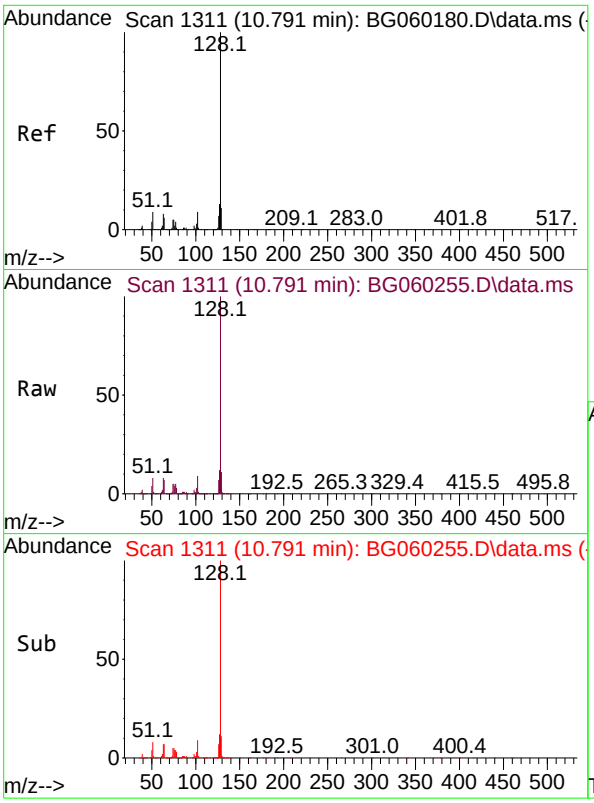


#30
1,2,4-Trichlorobenzene
Concen: 39.333 ng
RT: 10.603 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:180 Resp: 766518

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
145	24.5	18.4	27.6



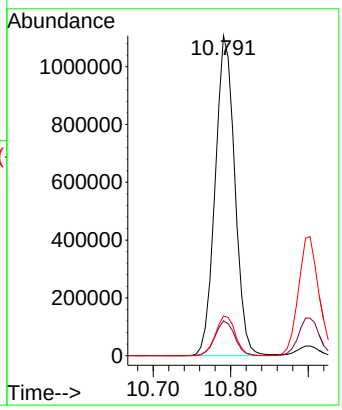


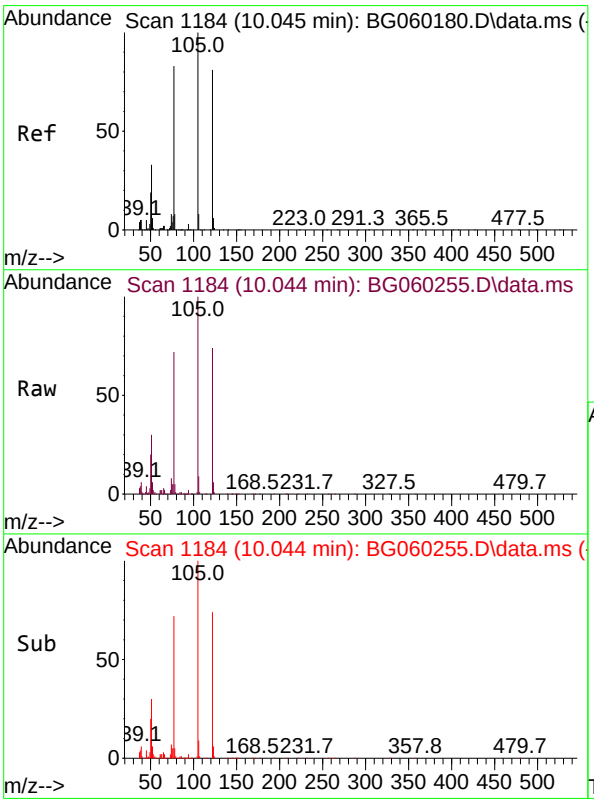
#31
Naphthalene
Concen: 39.910 ng
RT: 10.791 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1949605

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	12.4	10.6	16.0

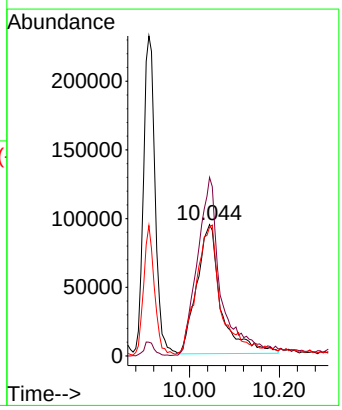


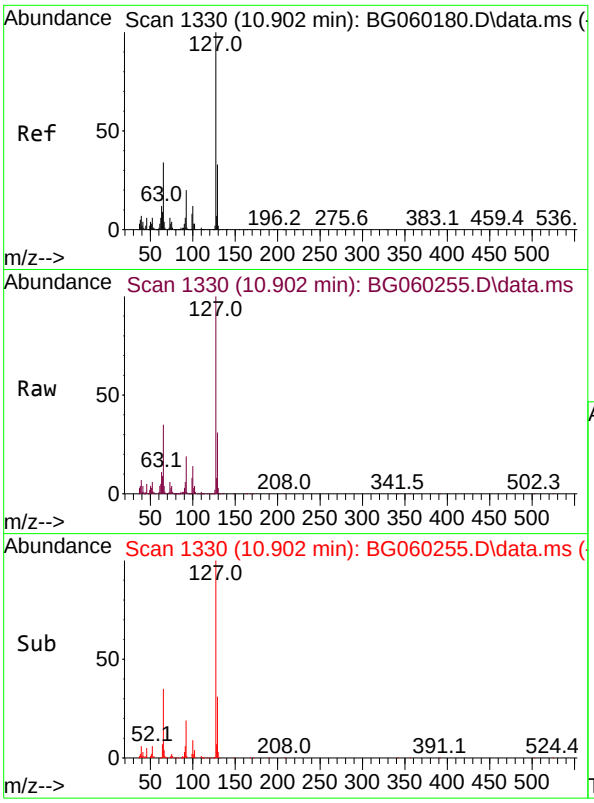


#32
Benzoic acid
Concen: 40.996 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:122 Resp: 353910

Ion	Ratio	Lower	Upper
122	100		
105	135.9	99.2	139.2
77	98.1	81.0	121.0



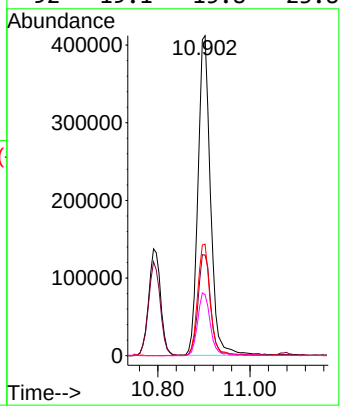


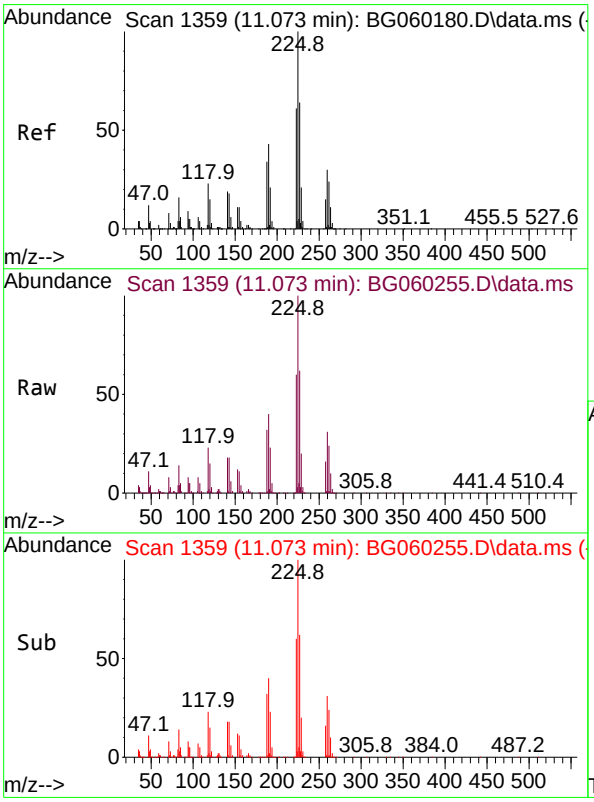
#33
4-Chloroaniline
Concen: 40.899 ng
RT: 10.902 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 780277

Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	34.9	27.4	41.0
92	19.1	15.8	23.8

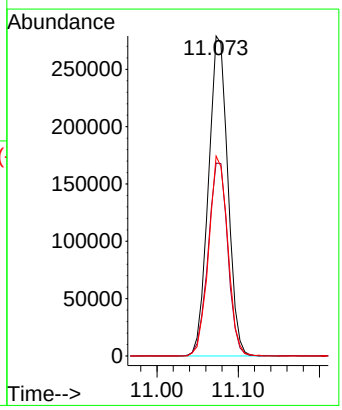


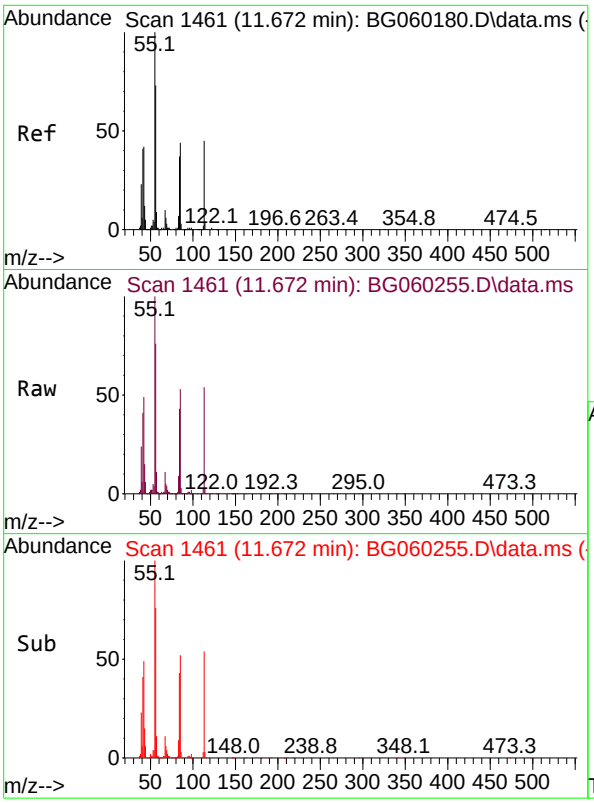


#34
Hexachlorobutadiene
Concen: 39.852 ng
RT: 11.073 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:225 Resp: 461900

Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.0	73.6
227	62.5	51.0	76.4



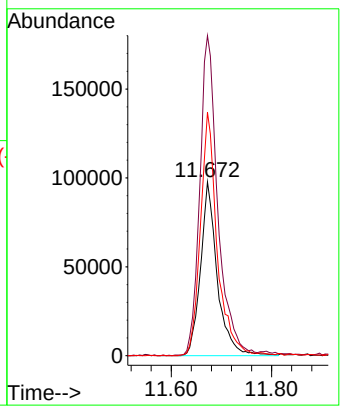


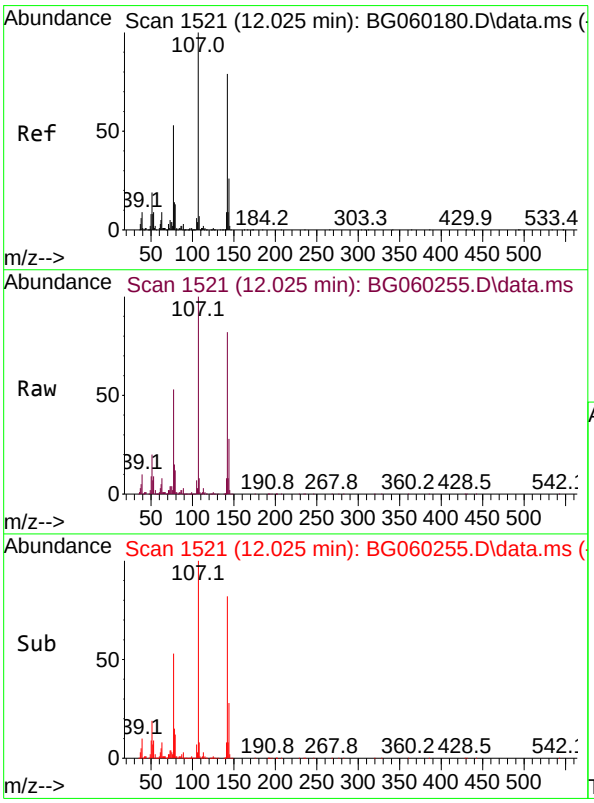
#35
Caprolactam
Concen: 42.428 ng
RT: 11.672 min Scan# 14
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 225975

Ion	Ratio	Lower	Upper
113	100		
55	184.2	202.1	242.1#
56	140.1	142.4	182.4#

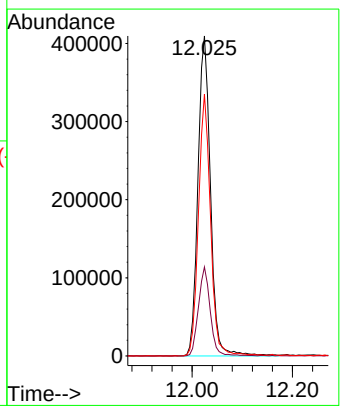


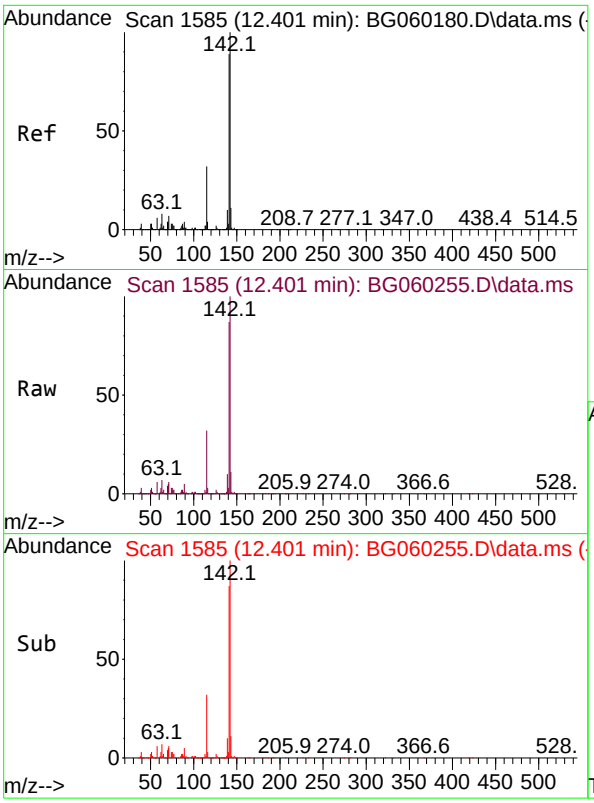


#36
4-Chloro-3-methylphenol
Concen: 43.059 ng
RT: 12.025 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:107 Resp: 709531

Ion	Ratio	Lower	Upper
107	100		
144	27.8	20.8	31.2
142	81.9	63.4	95.2



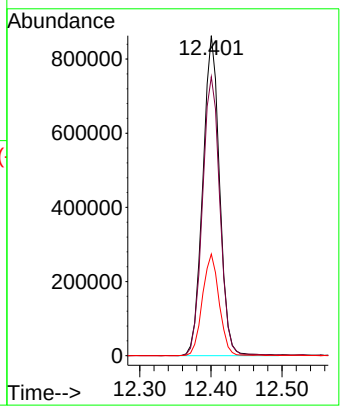


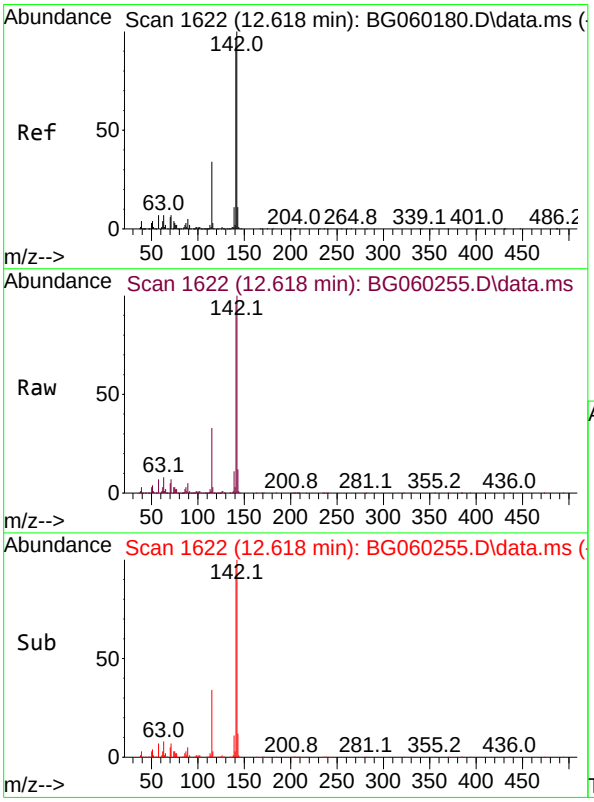
#37
2-Methylnaphthalene
Concen: 40.146 ng
RT: 12.401 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1416556

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.1	106.7
115	31.7	25.5	38.3

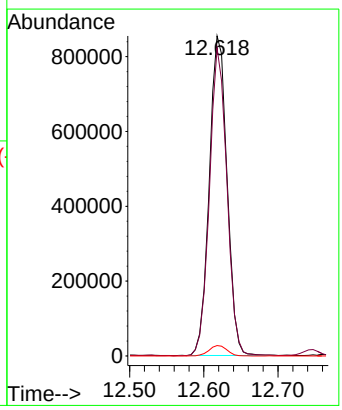


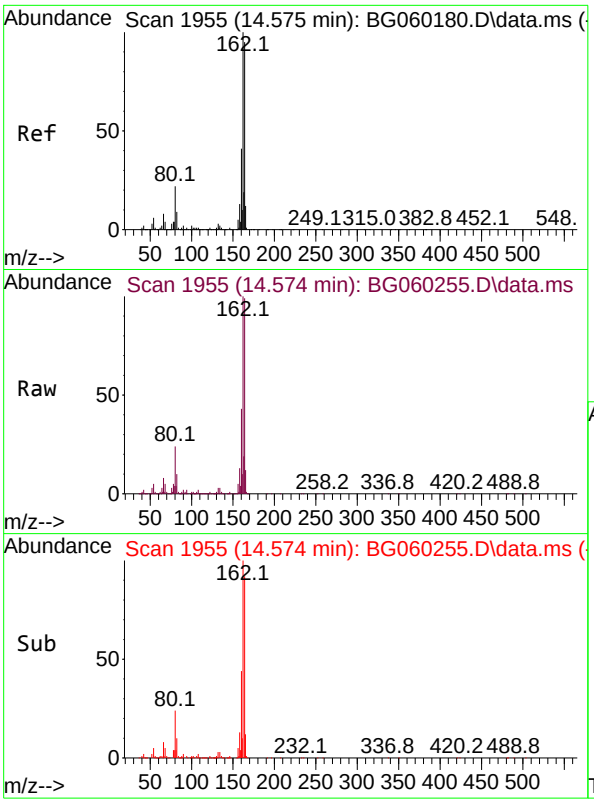


#38
1-Methylnaphthalene
Concen: 39.853 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:142 Resp: 1421752

Ion	Ratio	Lower	Upper
142	100		
141	96.2	76.6	114.8
116	3.3	2.6	3.8



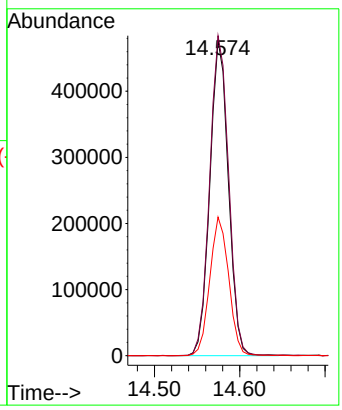


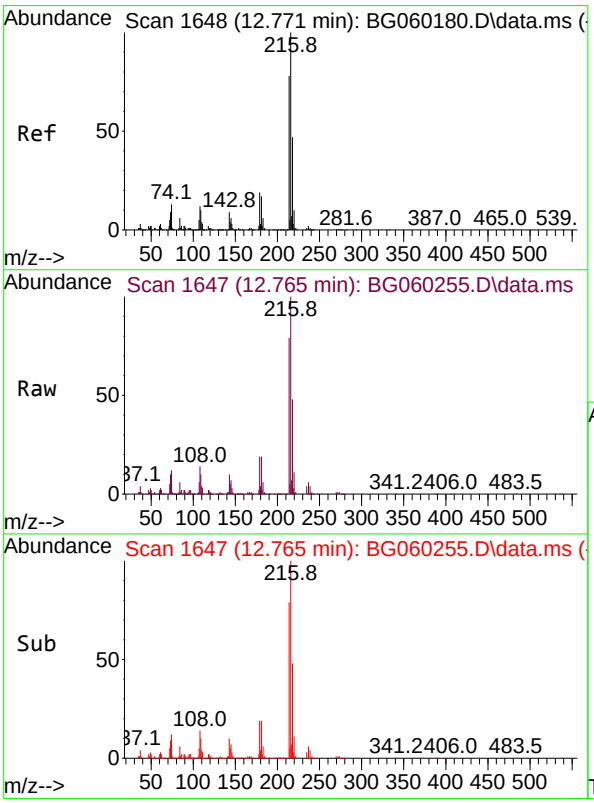
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 719348

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.9	125.9
160	44.0	34.2	51.4

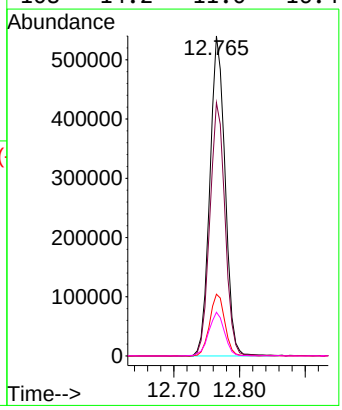


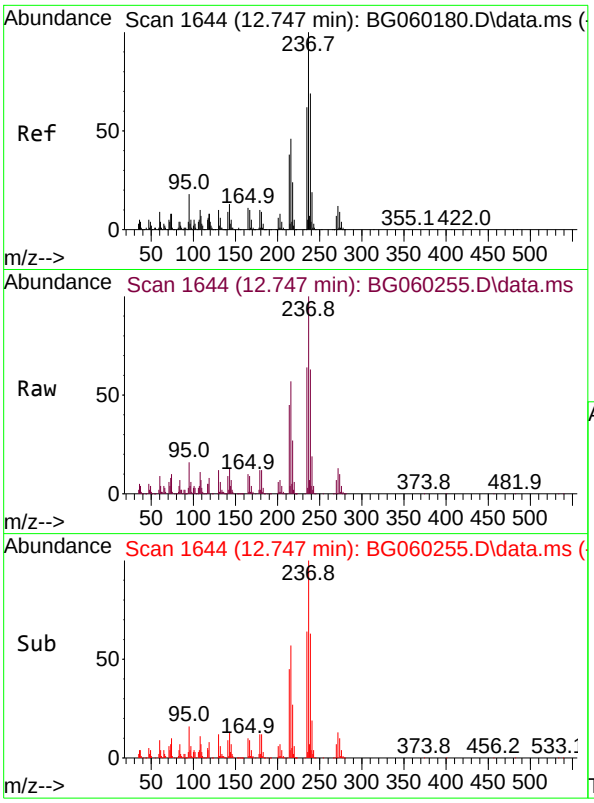


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.870 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:216 Resp: 872595

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	19.3	15.2	22.8
108	14.2	11.0	16.4



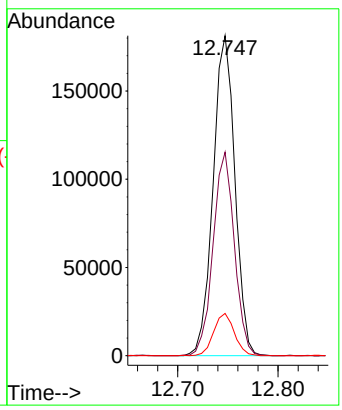


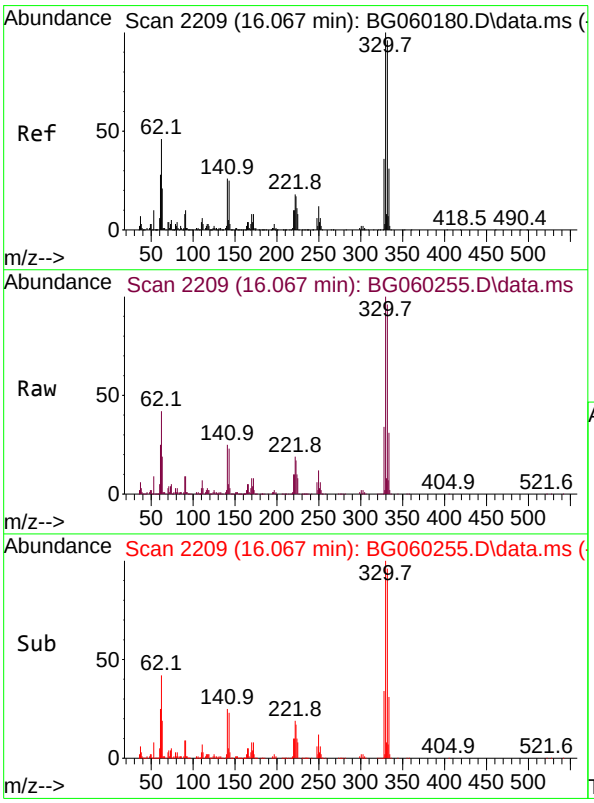
#41
Hexachlorocyclopentadiene
Concen: 36.720 ng
RT: 12.747 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 273488

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.2	82.2
272	13.2	0.0	32.0

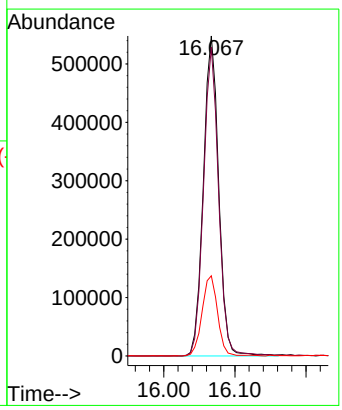


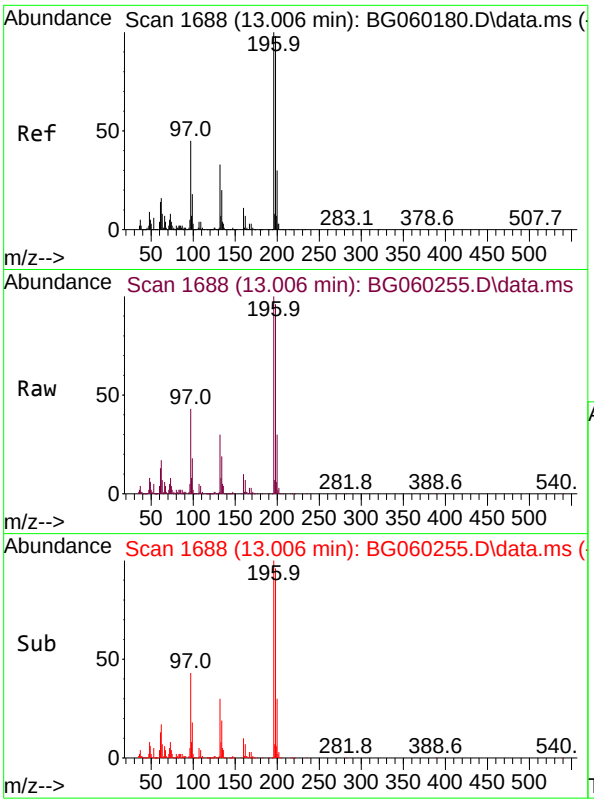


#42
2,4,6-Tribromophenol
Concen: 85.595 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:330 Resp: 824212

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.7	115.1
141	25.2	21.0	31.4



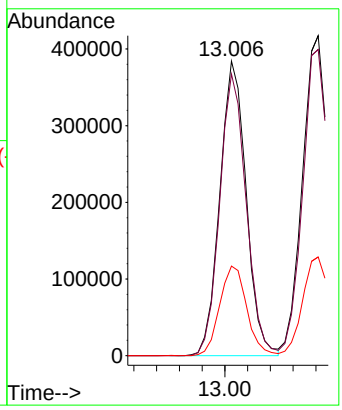


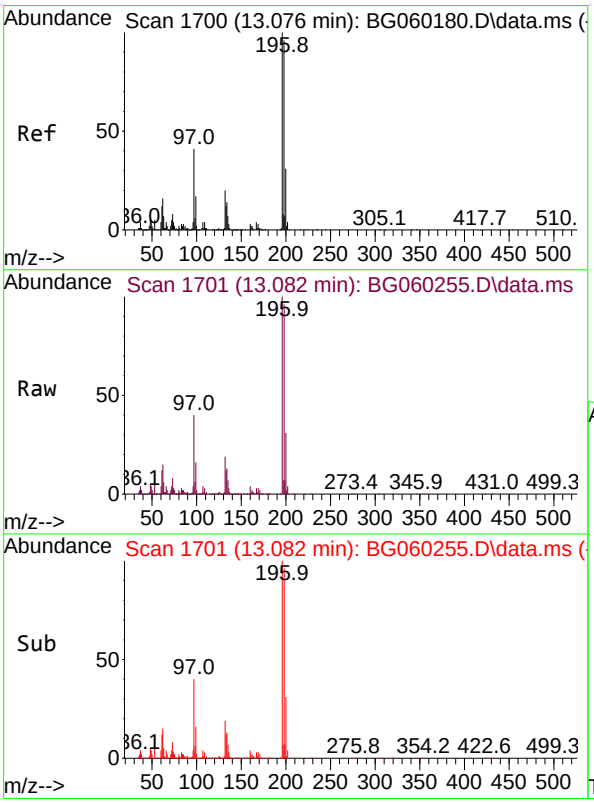
#43
2,4,6-Trichlorophenol
Concen: 40.851 ng
RT: 13.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 618562

Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.3	117.5
200	30.4	23.9	35.9

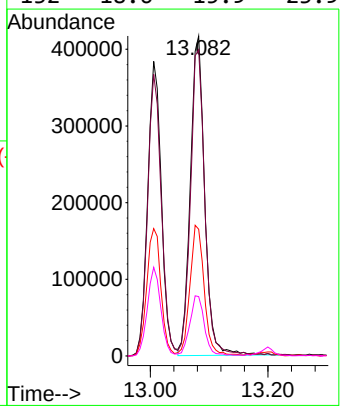


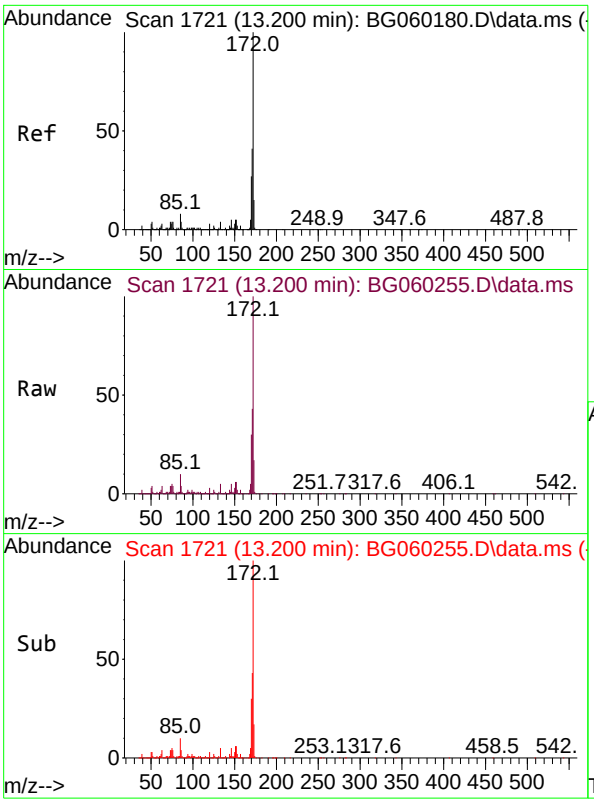


#44
2,4,5-Trichlorophenol
Concen: 41.611 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:196 Resp: 704849

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
97	39.6	32.9	49.3
132	18.6	15.9	23.9



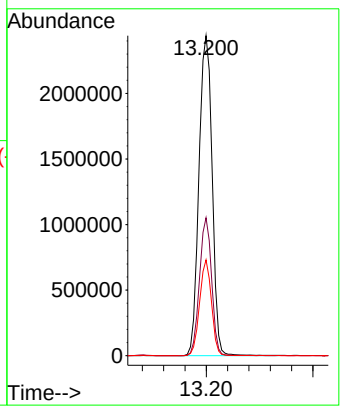


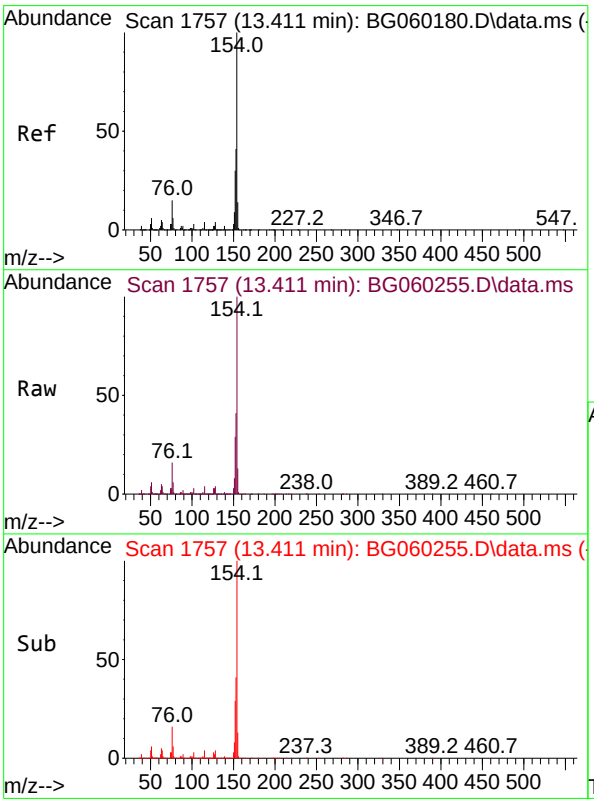
#45
2-Fluorobiphenyl
Concen: 83.499 ng
RT: 13.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4179237

Ion	Ratio	Lower	Upper
172	100		
171	43.1	32.6	48.8
170	30.0	21.8	32.6

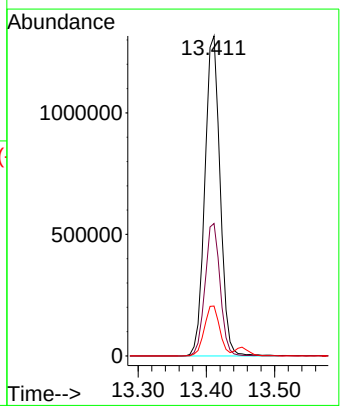


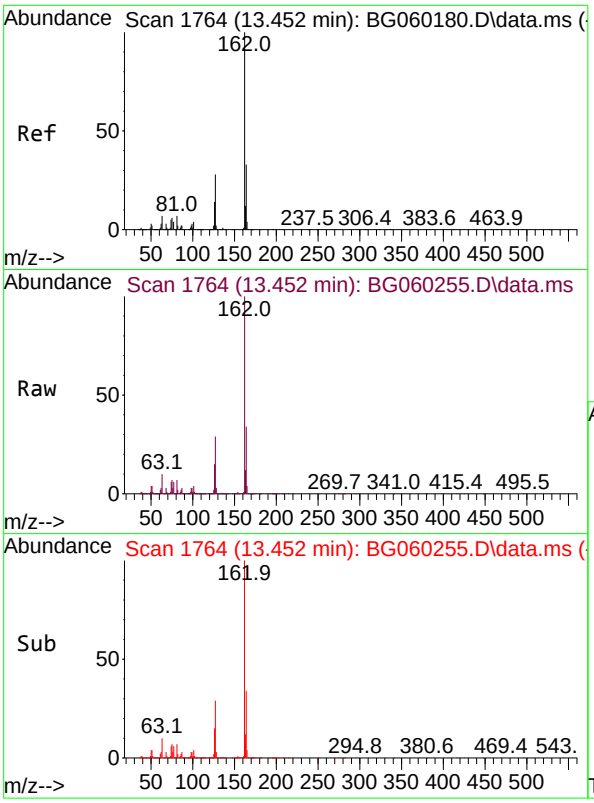


#46
1,1'-Biphenyl
Concen: 38.689 ng
RT: 13.411 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:154 Resp: 2047627

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	15.6	0.0	35.4



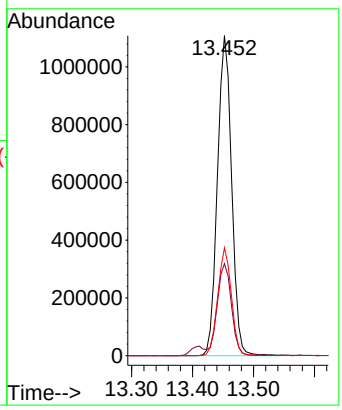


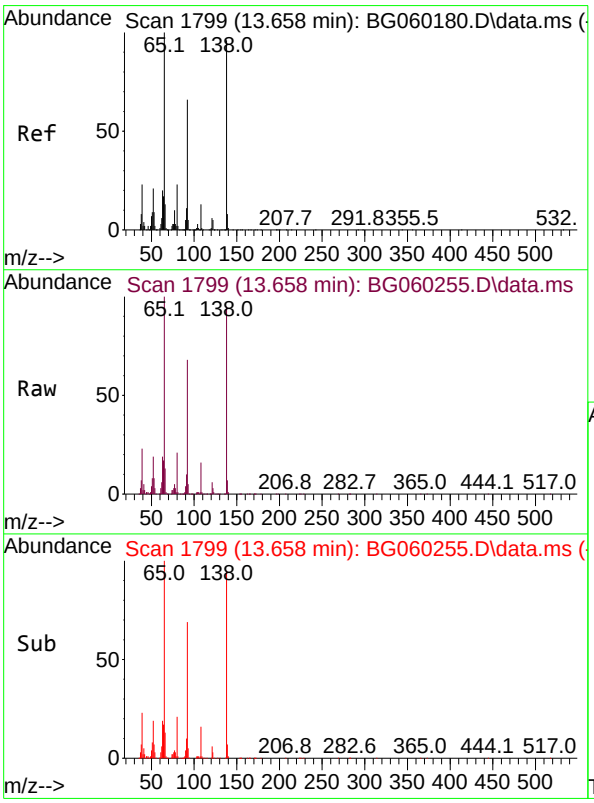
#47
2-Chloronaphthalene
Concen: 39.659 ng
RT: 13.452 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1788264

Ion	Ratio	Lower	Upper
162	100		
127	28.8	23.0	34.6
164	33.7	26.7	40.1

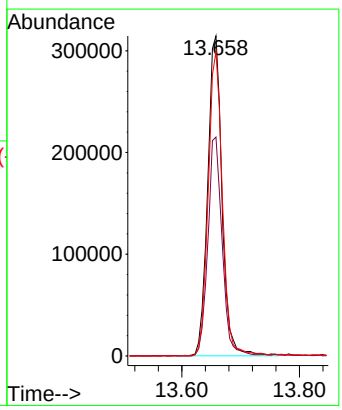


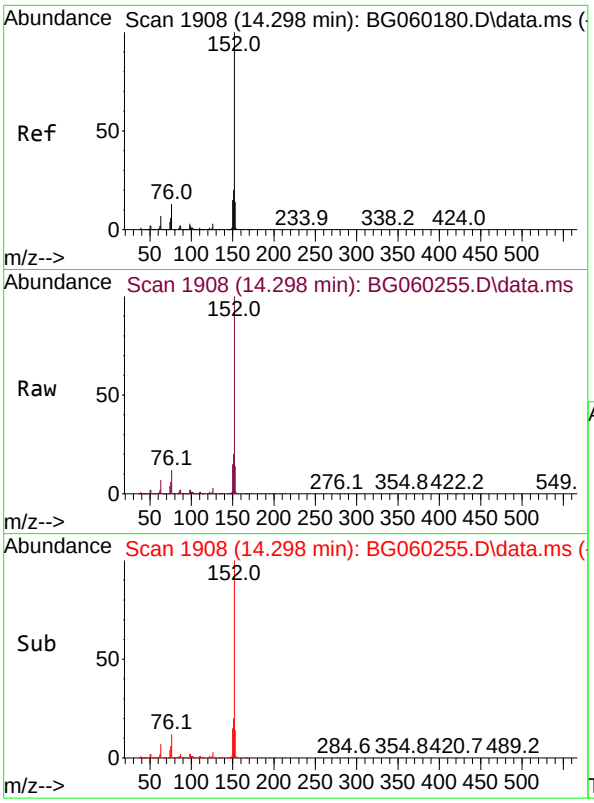


#48
2-Nitroaniline
Concen: 45.164 ng
RT: 13.658 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion: 65 Resp: 532204

Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.9	79.3
138	95.0	76.4	114.6



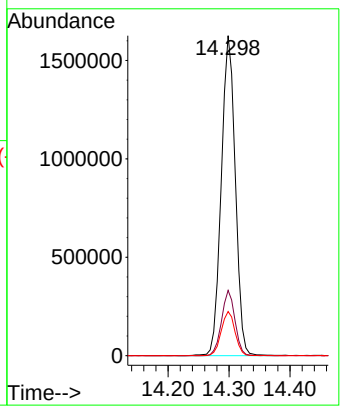


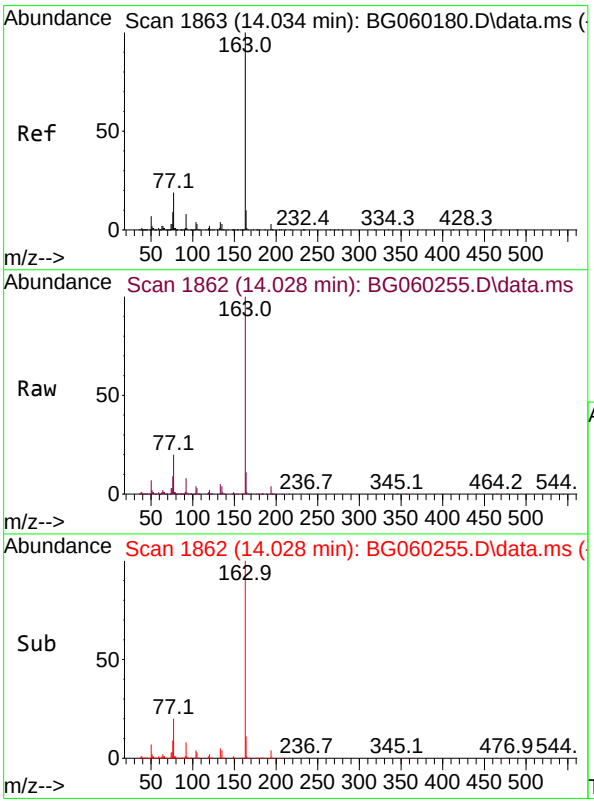
#49
Acenaphthylene
Concen: 39.989 ng
RT: 14.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2598035

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.8	11.0	16.6

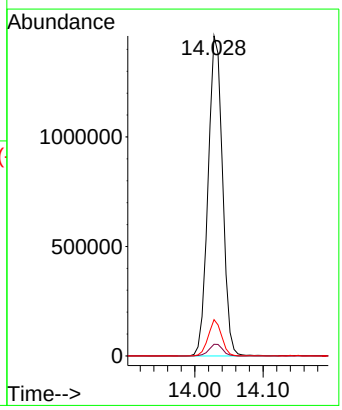


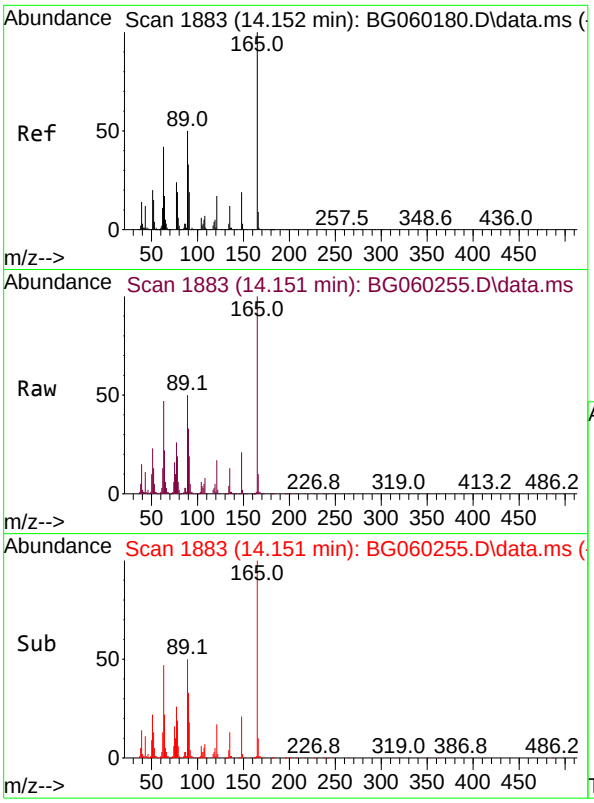


#50
Dimethylphthalate
Concen: 38.736 ng
RT: 14.028 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:163 Resp: 2151365

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	11.3	8.3	12.5



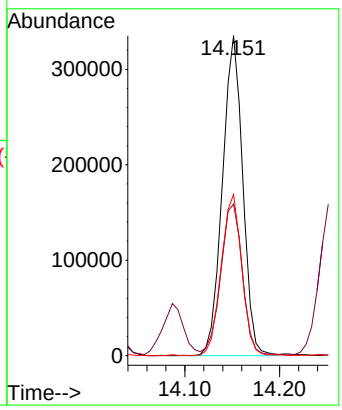


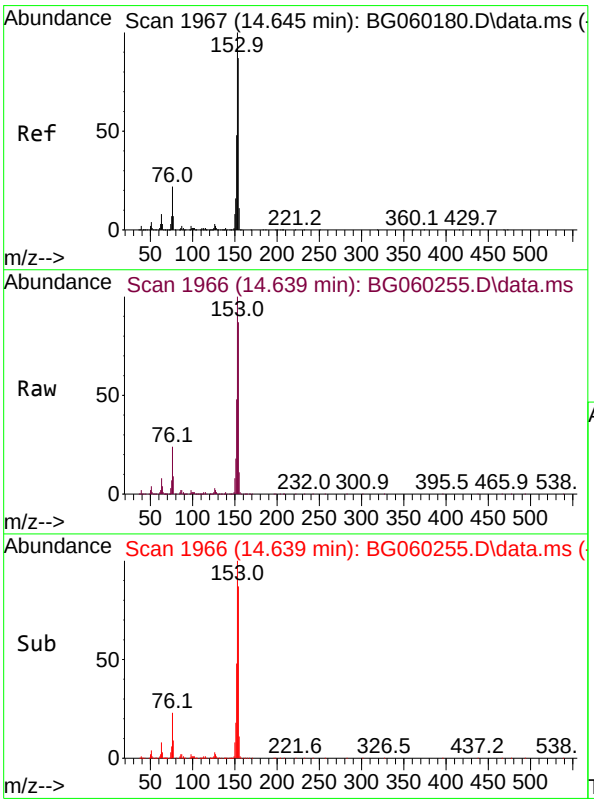
#51
2,6-Dinitrotoluene
Concen: 43.269 ng
RT: 14.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 499838

Ion	Ratio	Lower	Upper
165	100		
63	47.4	39.3	58.9
89	50.4	39.8	59.8

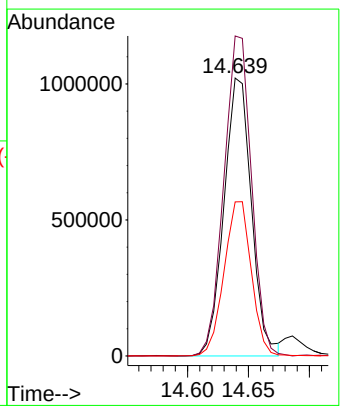


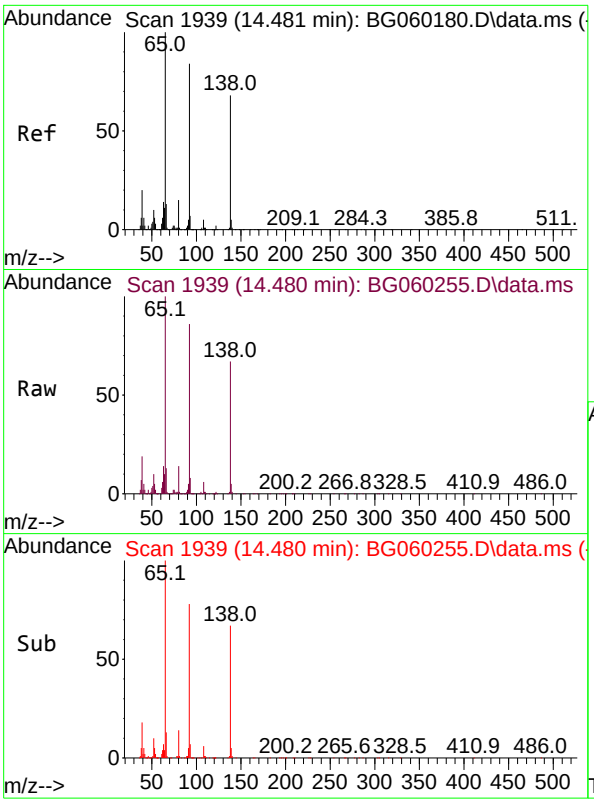


#52
Acenaphthene
Concen: 39.639 ng
RT: 14.639 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:154 Resp: 1607048

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.5	137.3
152	55.5	43.8	65.8



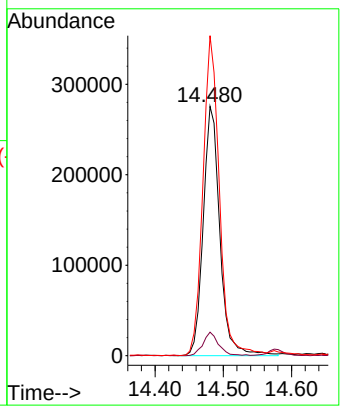


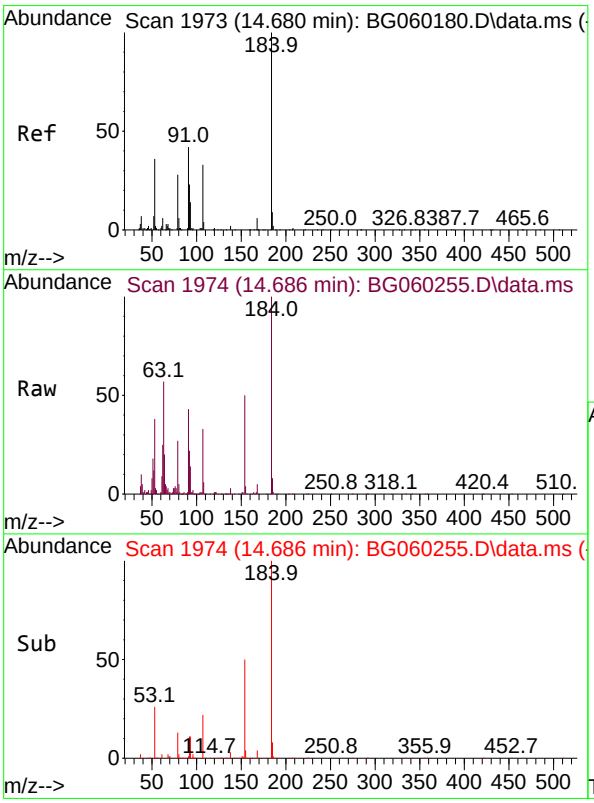
#53
3-Nitroaniline
Concen: 42.917 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 467152

Ion	Ratio	Lower	Upper
138	100		
108	9.4	6.2	9.4#
92	128.4	98.5	147.7

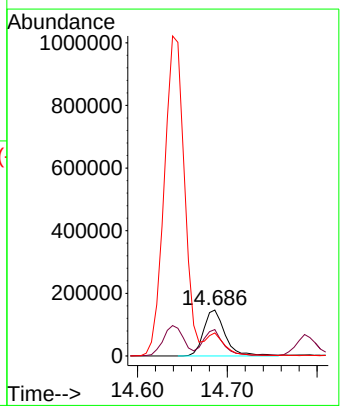


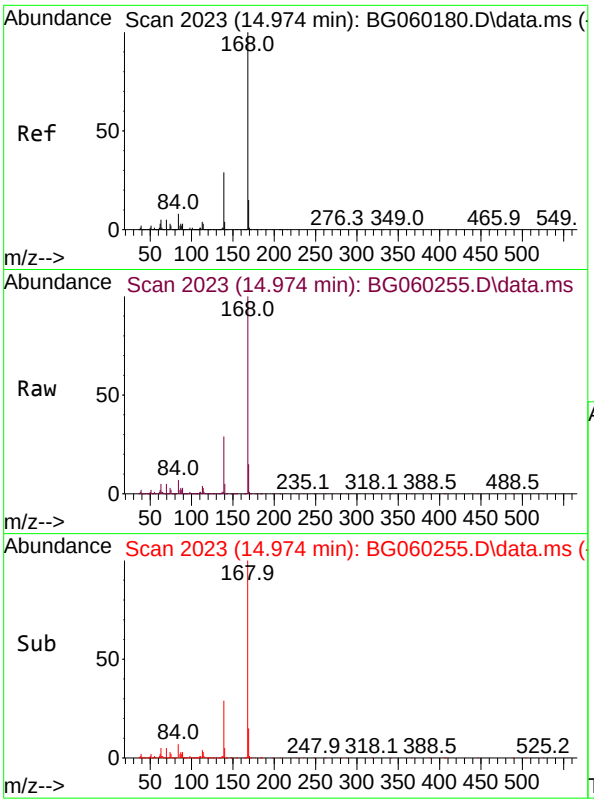


#54
2,4-Dinitrophenol
Concen: 40.757 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:184 Resp: 243884

Ion	Ratio	Lower	Upper
184	100		
63	57.5	45.4	68.2
154	50.2	40.0	60.0



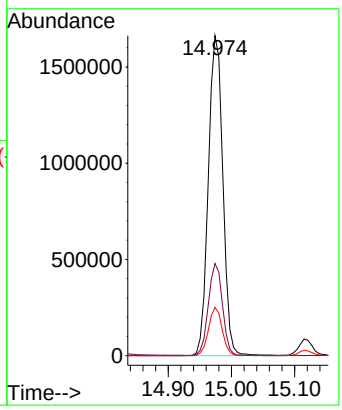


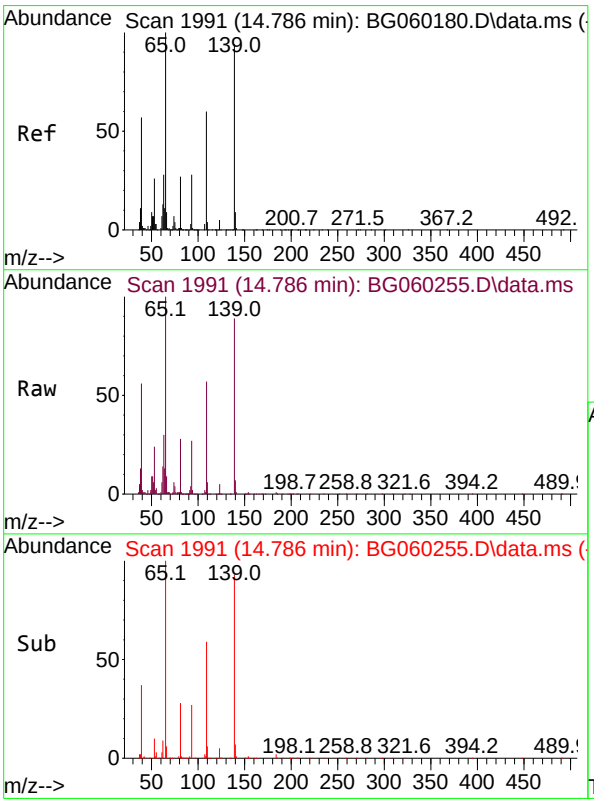
#55
Dibenzofuran
Concen: 39.008 ng
RT: 14.974 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2649043

Ion	Ratio	Lower	Upper
168	100		
139	28.8	23.1	34.7
169	15.1	11.9	17.9

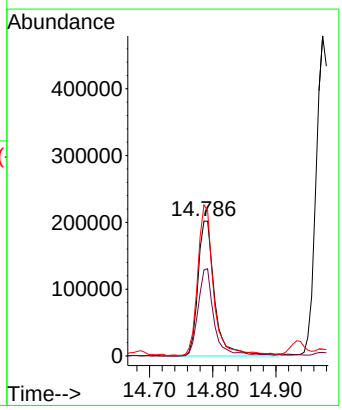


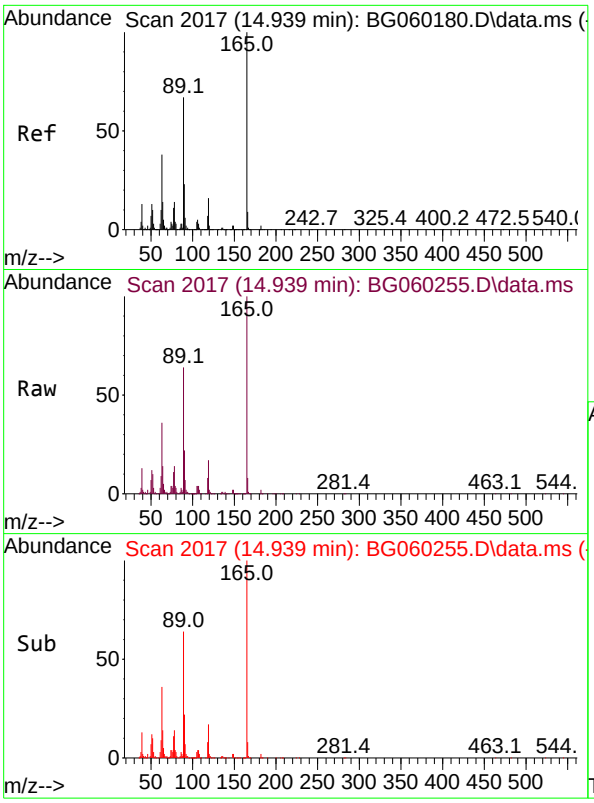


#56
4-Nitrophenol
Concen: 45.187 ng
RT: 14.786 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:139 Resp: 371793

Ion	Ratio	Lower	Upper
139	100		
109	63.8	44.4	84.4
65	112.0	87.4	127.4



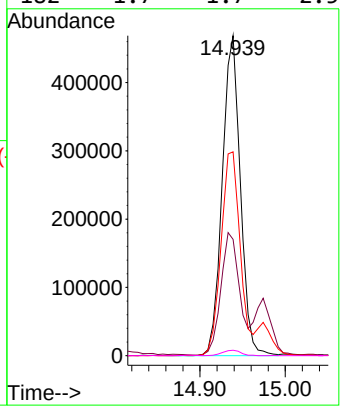


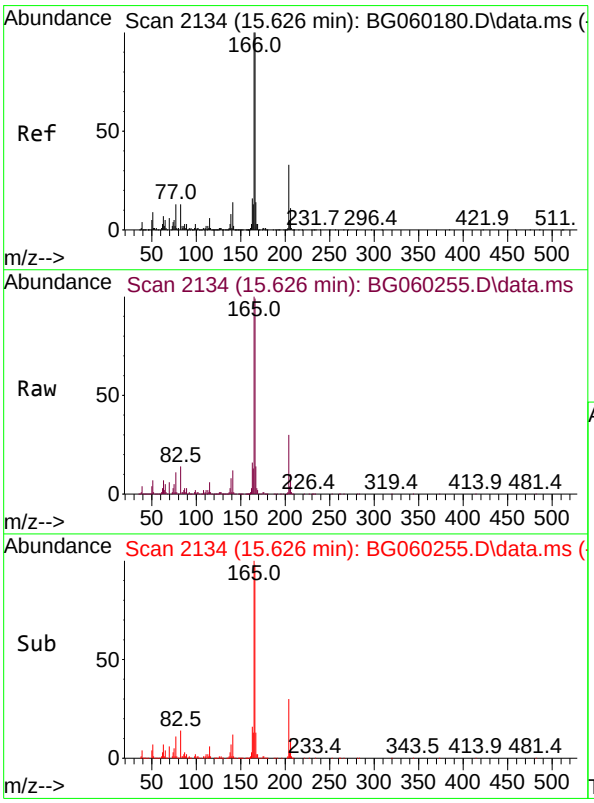
#57
2,4-Dinitrotoluene
Concen: 44.052 ng
RT: 14.939 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 691968

Ion	Ratio	Lower	Upper
165	100		
63	36.4	31.0	46.6
89	63.7	53.3	79.9
182	1.7	1.7	2.5

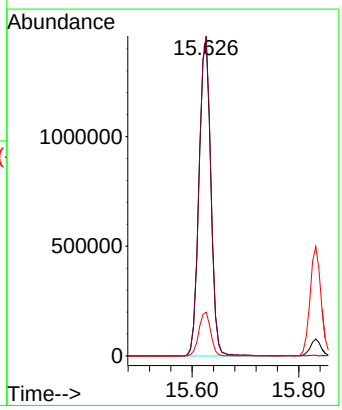


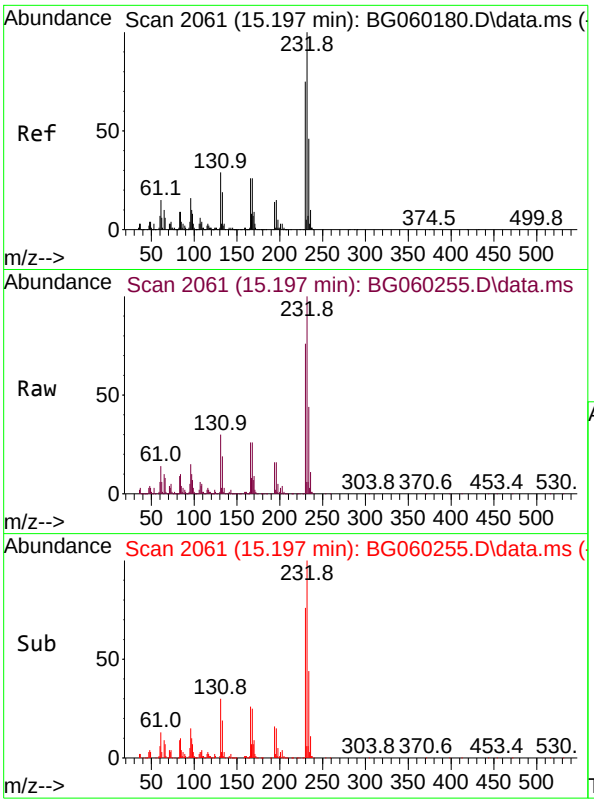


#58
Fluorene
Concen: 39.645 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:166 Resp: 2208154

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.4	120.6
167	13.9	11.3	16.9



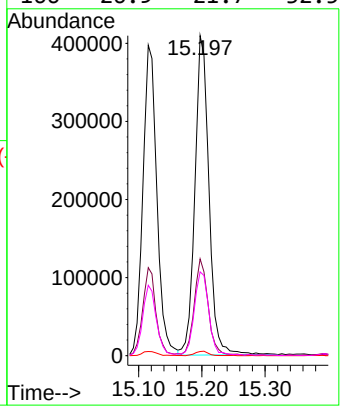


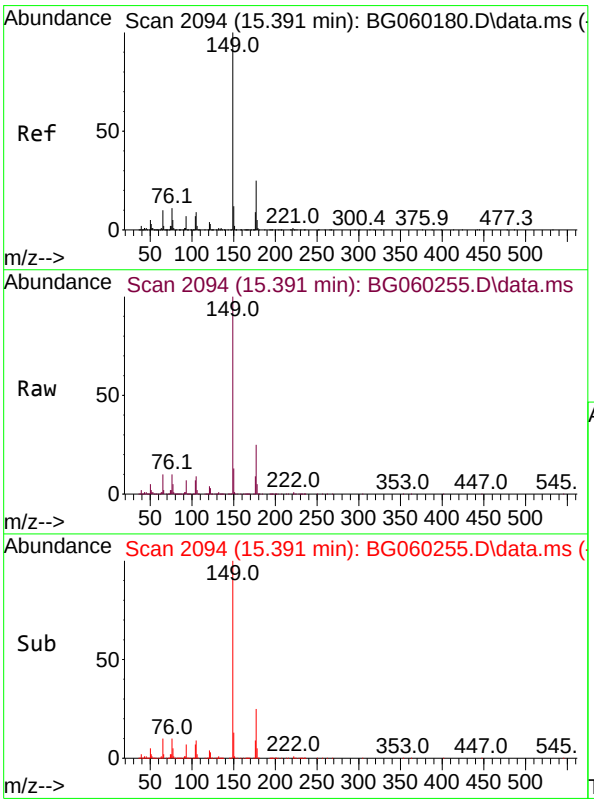
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.826 ng
RT: 15.197 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 632289

Ion	Ratio	Lower	Upper
232	100		
131	29.6	23.8	35.6
130	1.4	1.2	1.8
166	26.9	21.7	32.5

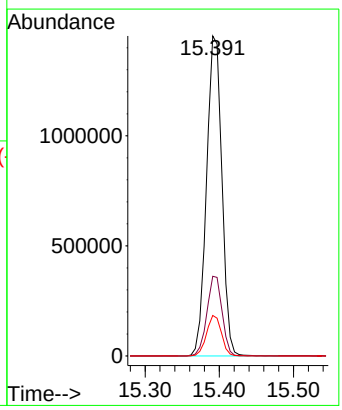


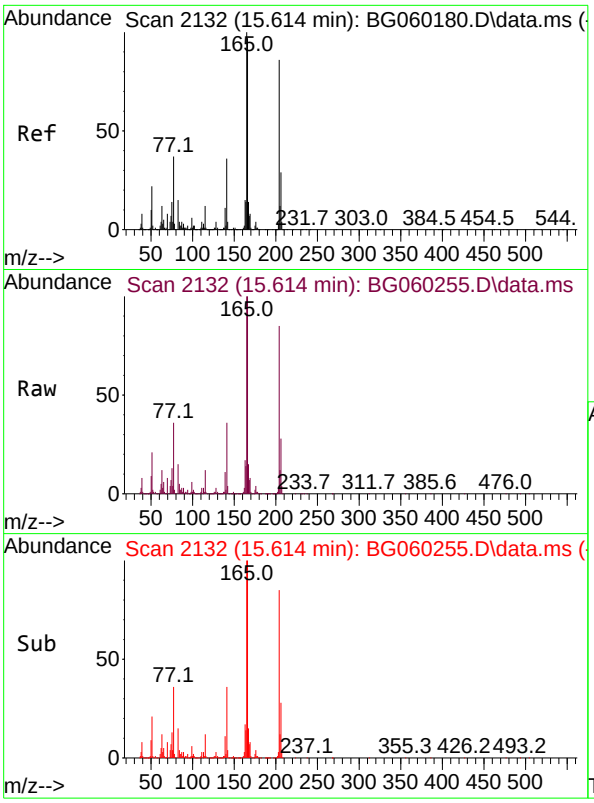


#60
Diethylphthalate
Concen: 39.480 ng
RT: 15.391 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:149 Resp: 2091028

Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.2	30.2
150	12.6	9.6	14.4



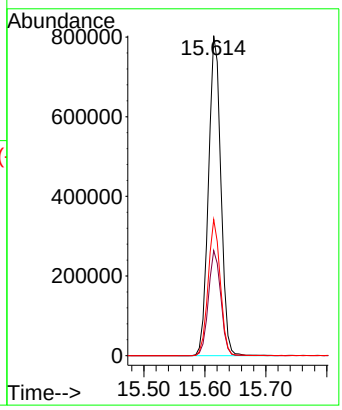


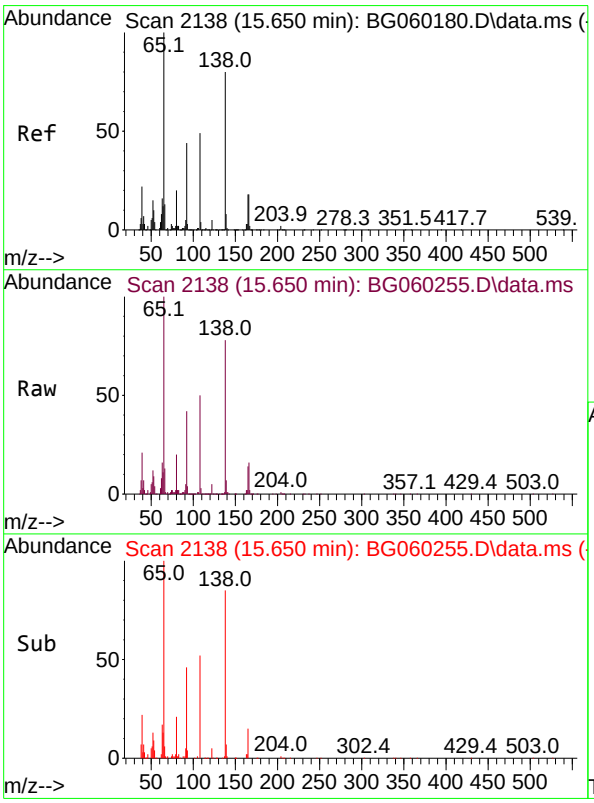
#61
4-Chlorophenyl-phenylether
Concen: 39.104 ng
RT: 15.614 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1134109

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	42.5	33.2	49.8

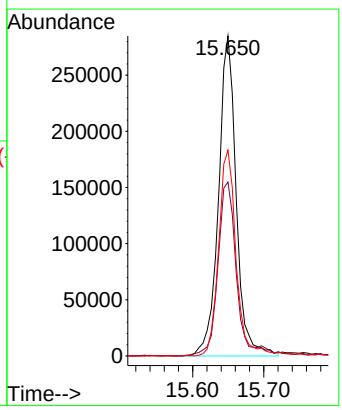


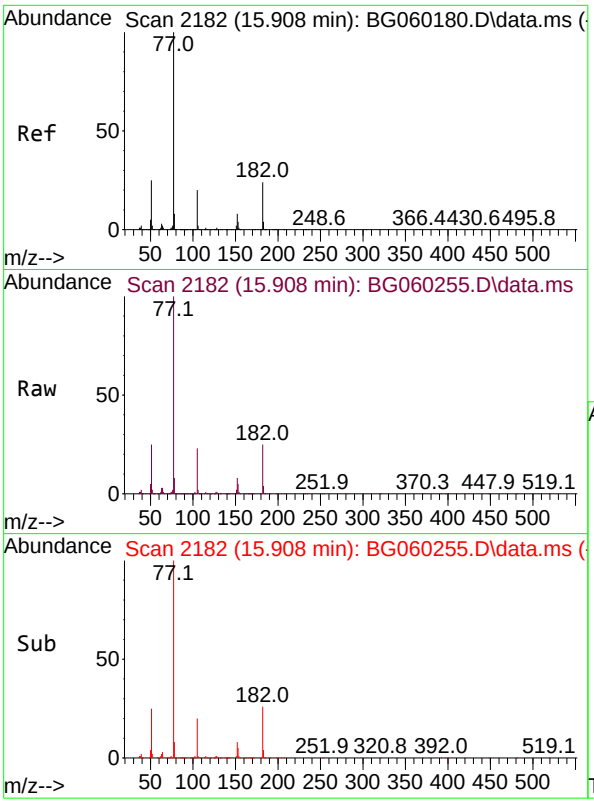


#62
4-Nitroaniline
Concen: 42.912 ng
RT: 15.650 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:138 Resp: 492310

Ion	Ratio	Lower	Upper
138	100		
92	54.4	35.1	75.1
108	64.3	40.9	80.9



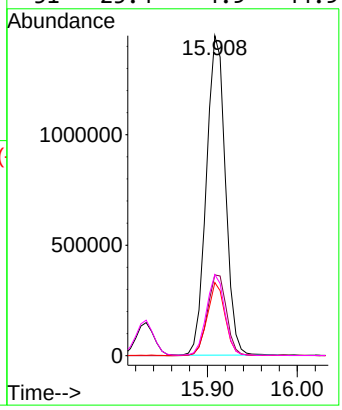


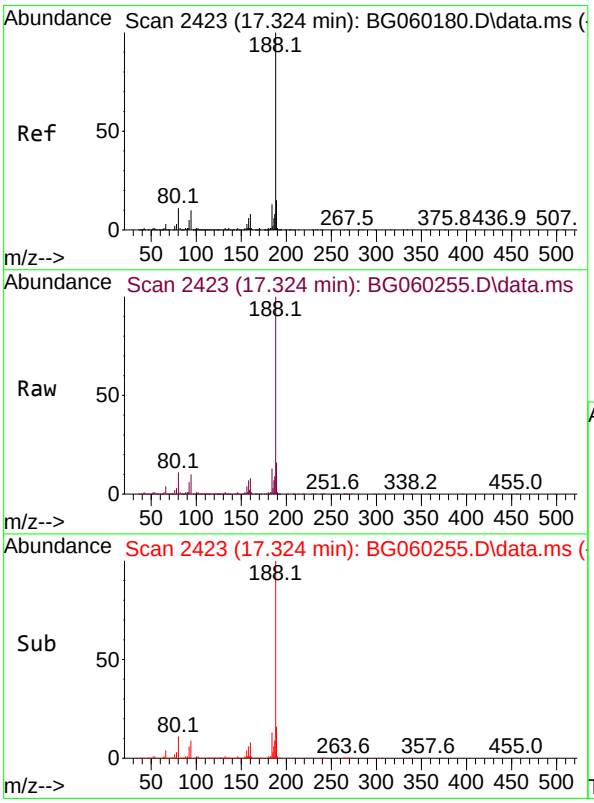
#63
Azobenzene
Concen: 38.685 ng
RT: 15.908 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2124254

Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.3	44.3
105	22.8	0.3	40.3
51	25.4	4.9	44.9

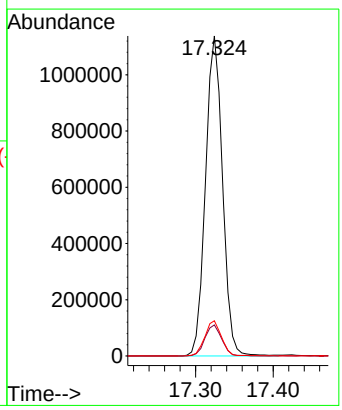


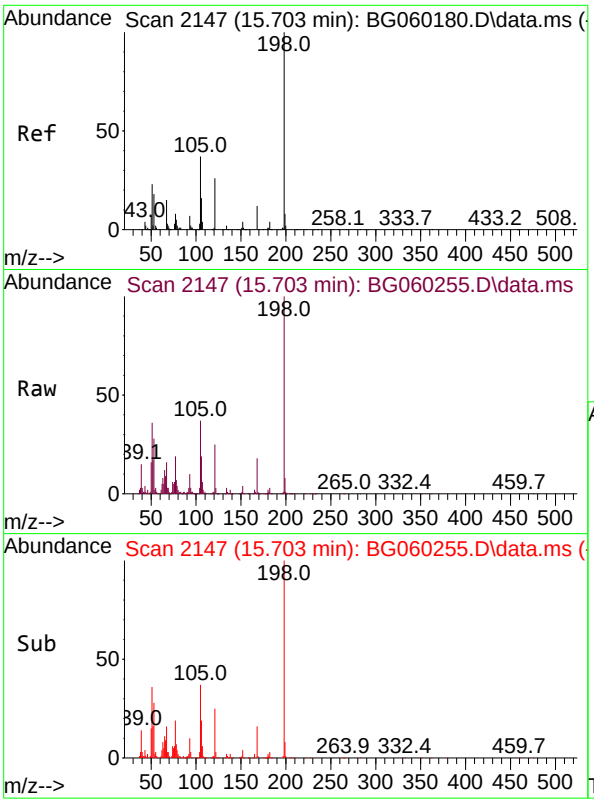


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:188 Resp: 1735762

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	11.0	8.6	13.0



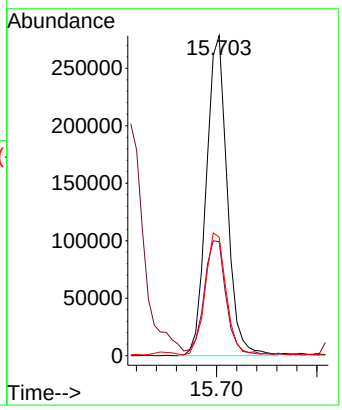


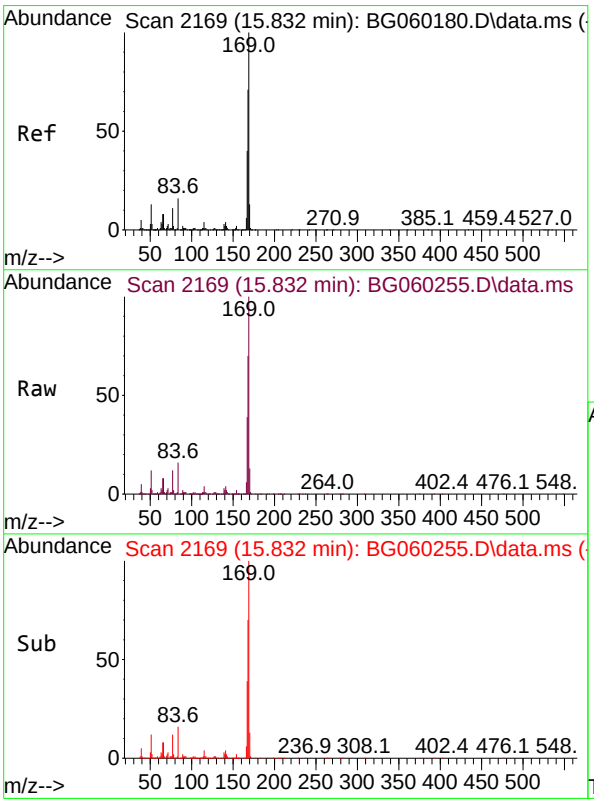
#65
4,6-Dinitro-2-methylphenol
Concen: 46.305 ng
RT: 15.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 402172

Ion	Ratio	Lower	Upper
198	100		
51	35.6	14.8	54.8
105	37.0	17.5	57.5

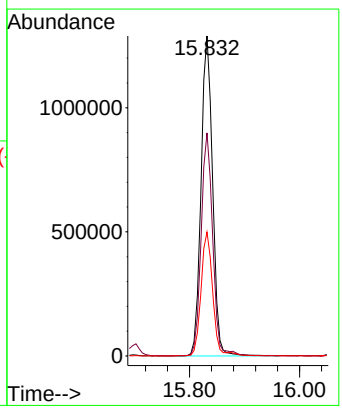


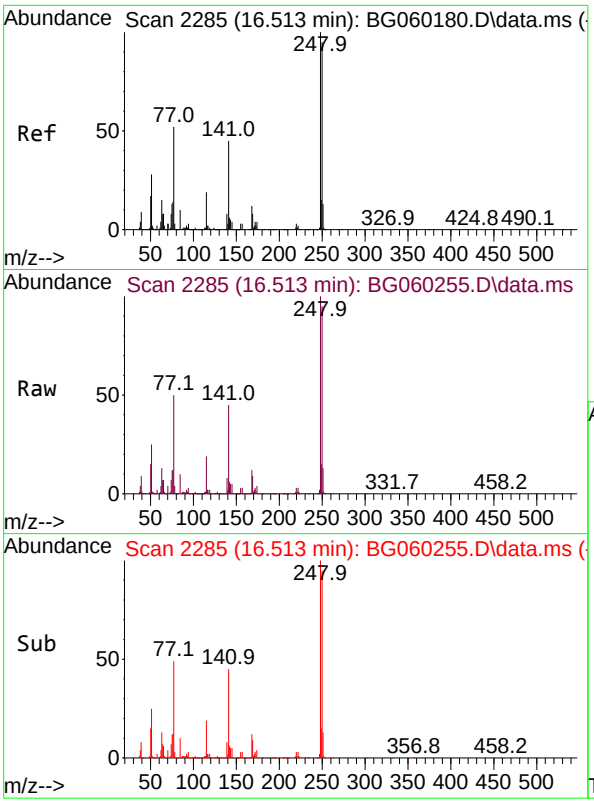


#66
n-Nitrosodiphenylamine
Concen: 40.159 ng
RT: 15.832 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:169 Resp: 1878379

Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.6	84.8
167	38.7	32.1	48.1



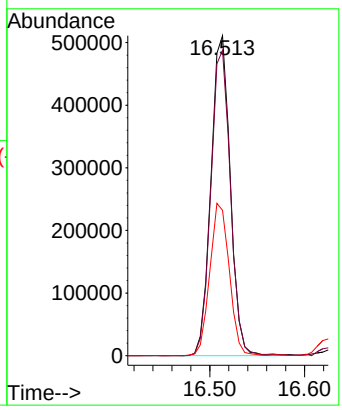


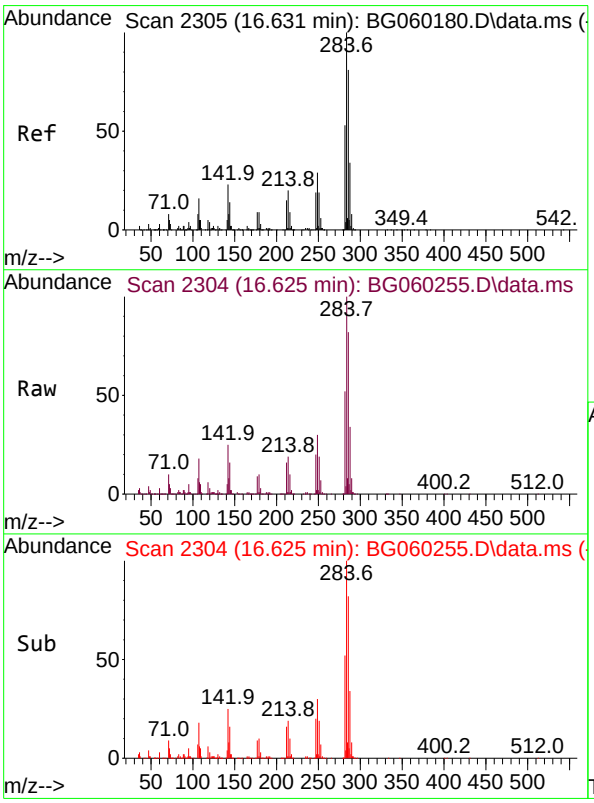
#67
4-Bromophenyl-phenylether
Concen: 39.296 ng
RT: 16.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 723152

Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.2	114.4
141	45.4	36.0	54.0

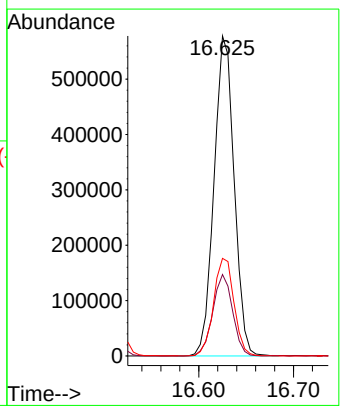


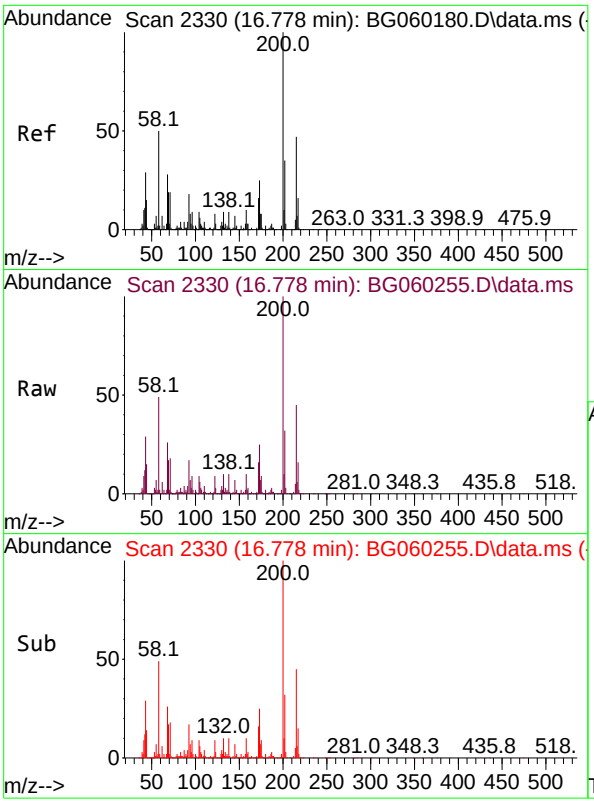


#68
Hexachlorobenzene
Concen: 39.560 ng
RT: 16.625 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:284 Resp: 853576

Ion	Ratio	Lower	Upper
284	100		
142	25.4	18.7	28.1
249	30.5	23.5	35.3



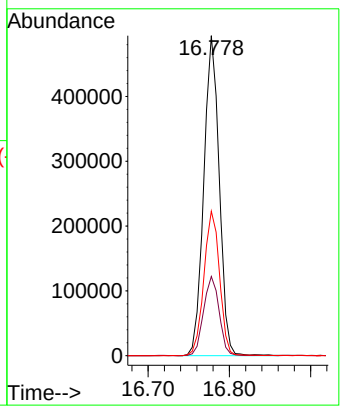


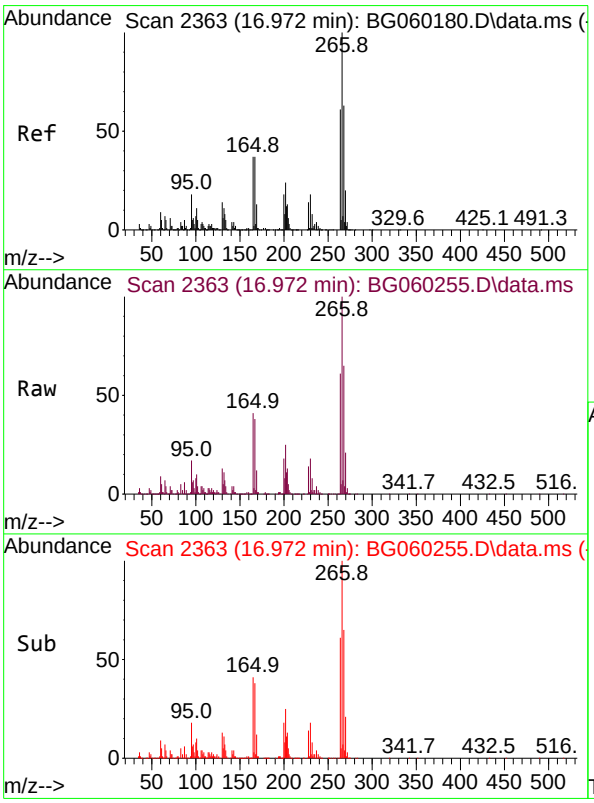
#69
Atrazine
Concen: 37.900 ng
RT: 16.778 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 651530

Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.2	45.2
215	45.1	26.9	66.9

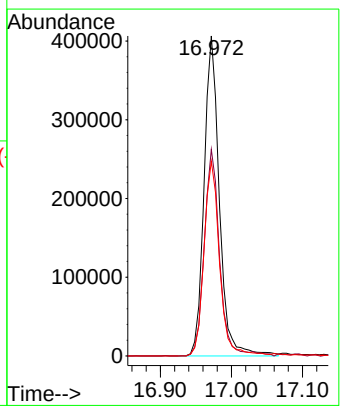


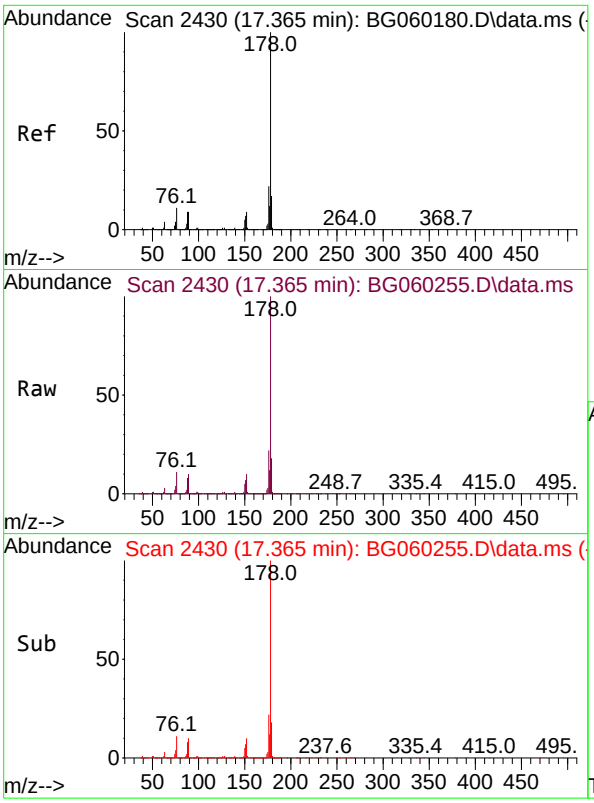


#70
Pentachlorophenol
Concen: 51.417 ng
RT: 16.972 min Scan# 2363
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:266 Resp: 609457

Ion	Ratio	Lower	Upper
266	100		
268	68.9	50.4	75.6
264	60.9	52.6	79.0



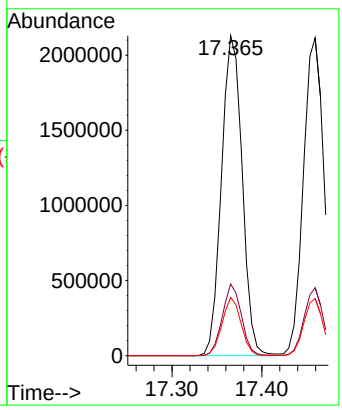


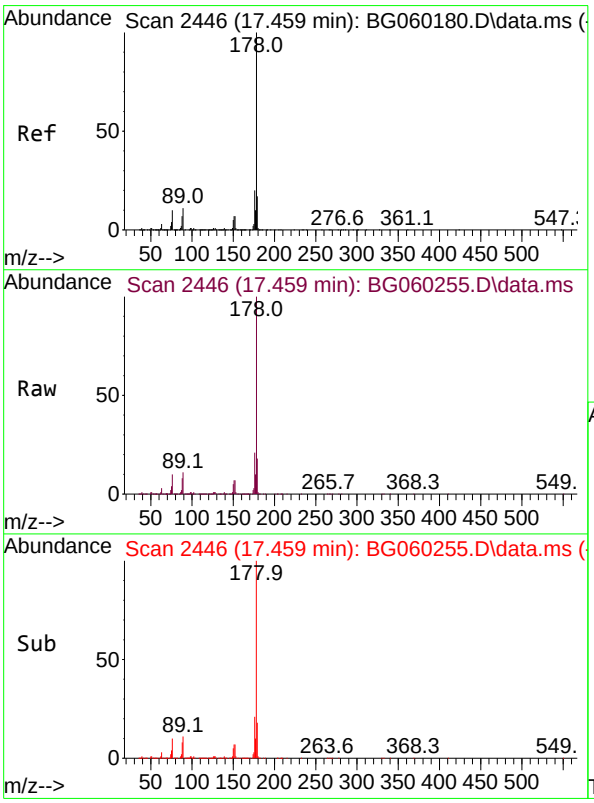
#71
Phenanthrene
Concen: 39.775 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3412623

Ion	Ratio	Lower	Upper
178	100		
176	22.4	17.5	26.3
179	18.2	13.8	20.8

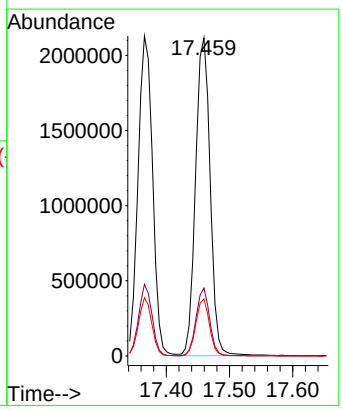


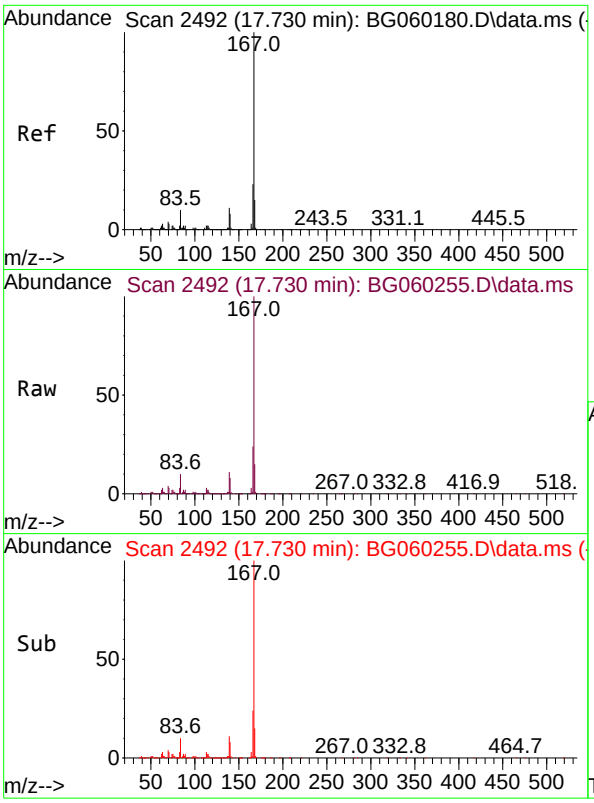


#72
Anthracene
Concen: 39.770 ng
RT: 17.459 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:178 Resp: 3389297

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.2
179	17.9	14.0	21.0



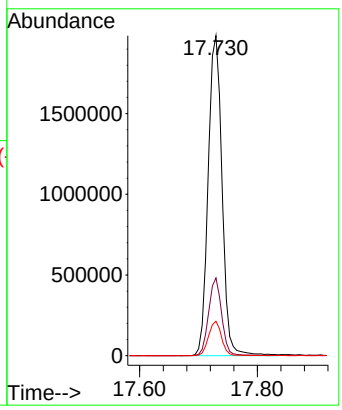


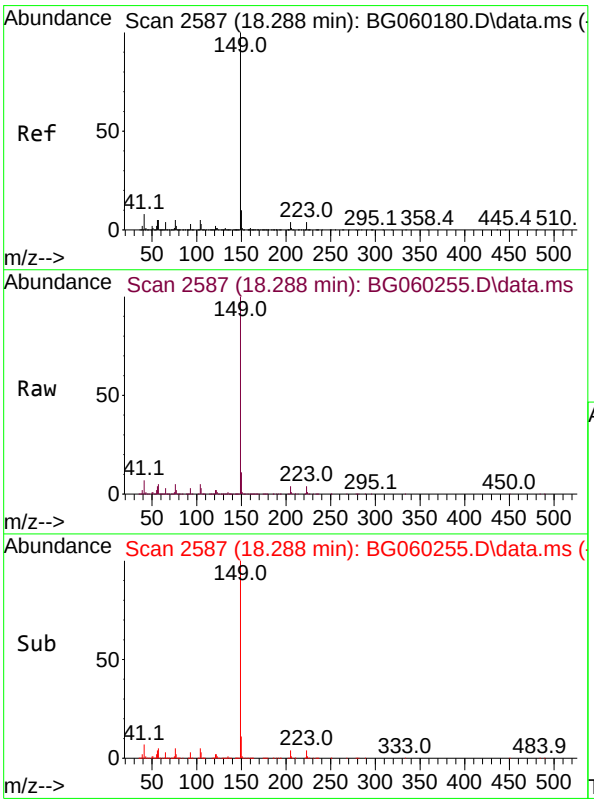
#73
Carbazole
Concen: 40.192 ng
RT: 17.730 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3248752

Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.8	28.2
139	10.8	8.8	13.2

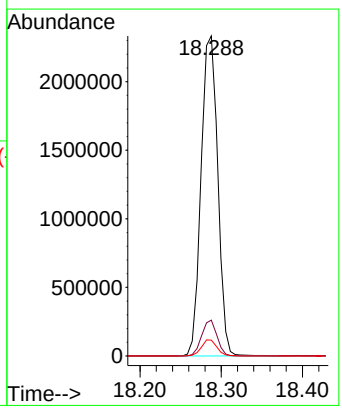


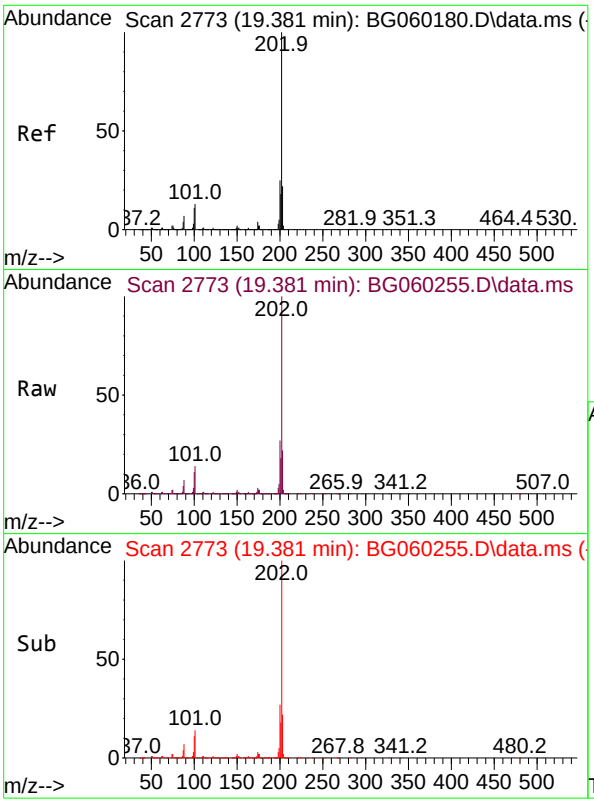


#74
Di-n-butylphthalate
Concen: 42.436 ng
RT: 18.288 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:149 Resp: 3324087

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.3	12.5
104	5.0	4.2	6.4



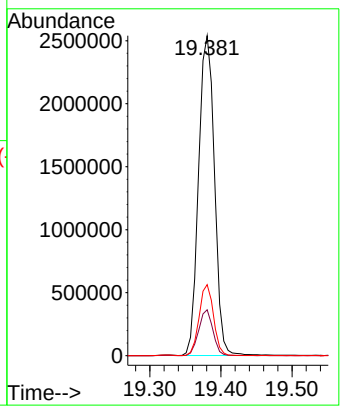


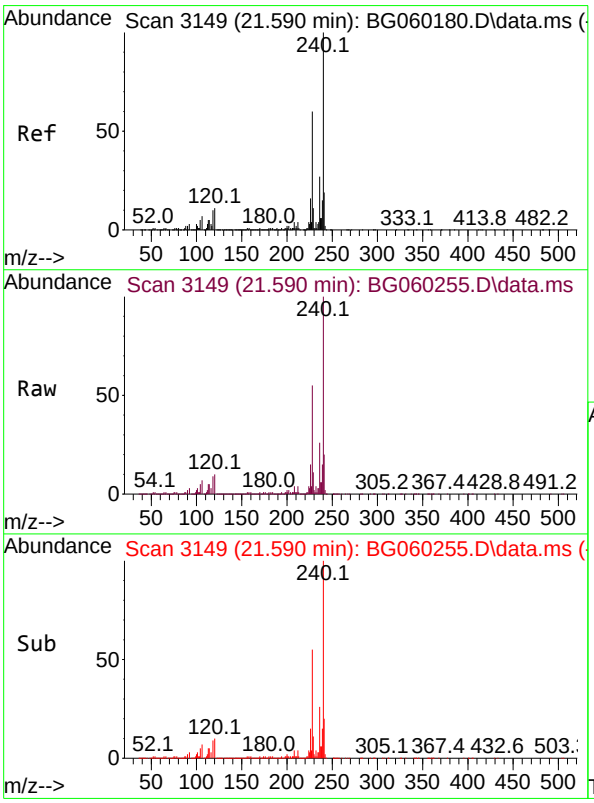
#75
Fluoranthene
Concen: 39.319 ng
RT: 19.381 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3956972

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	32.8
203	22.2	2.0	42.0

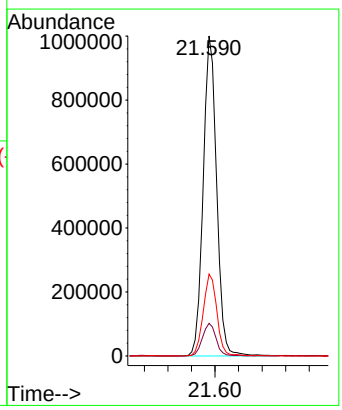


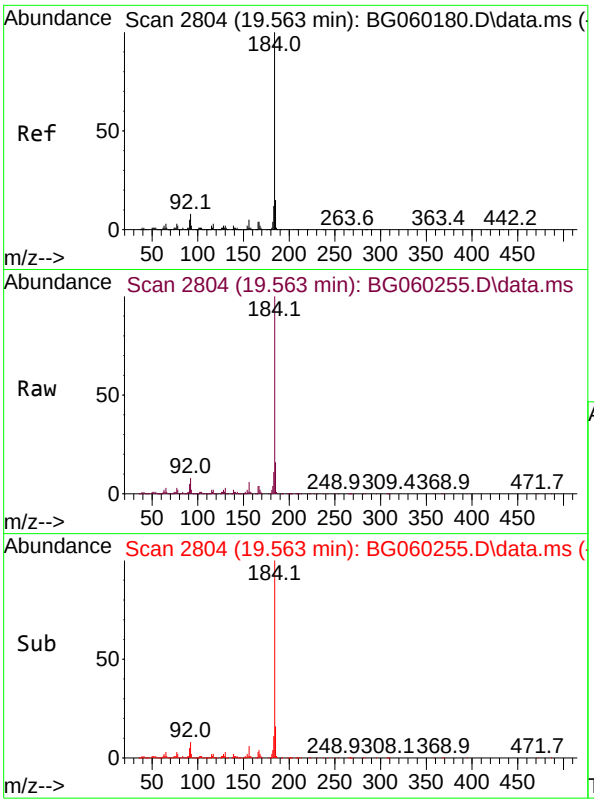


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:240 Resp: 1588032

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	25.6	21.4	32.2



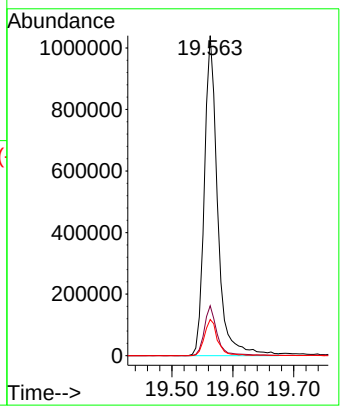


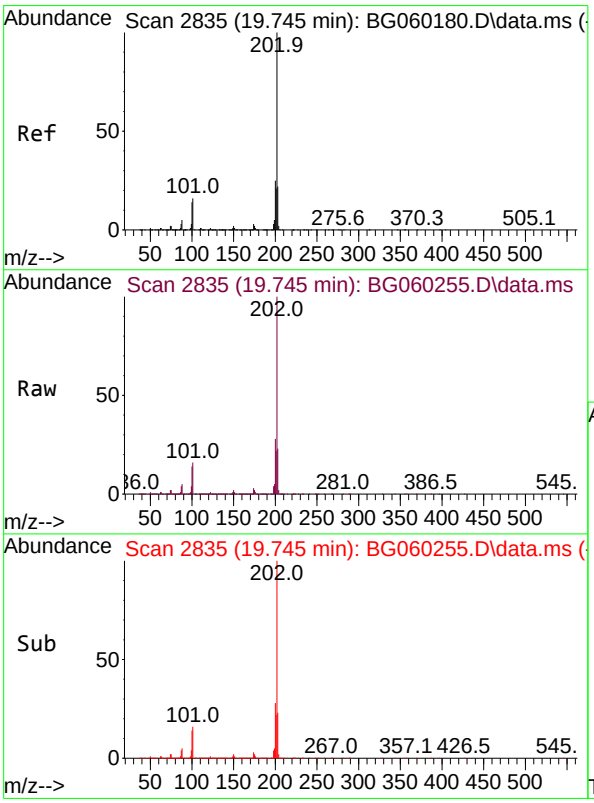
#77
Benzidine
Concen: 35.826 ng
RT: 19.563 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1574597

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.7	17.5
183	11.3	9.4	14.2

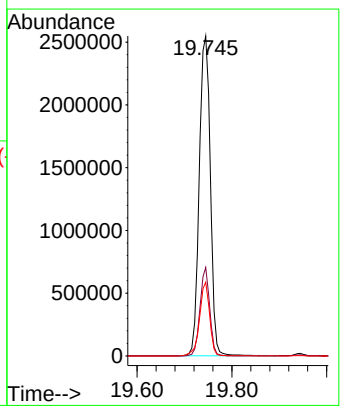


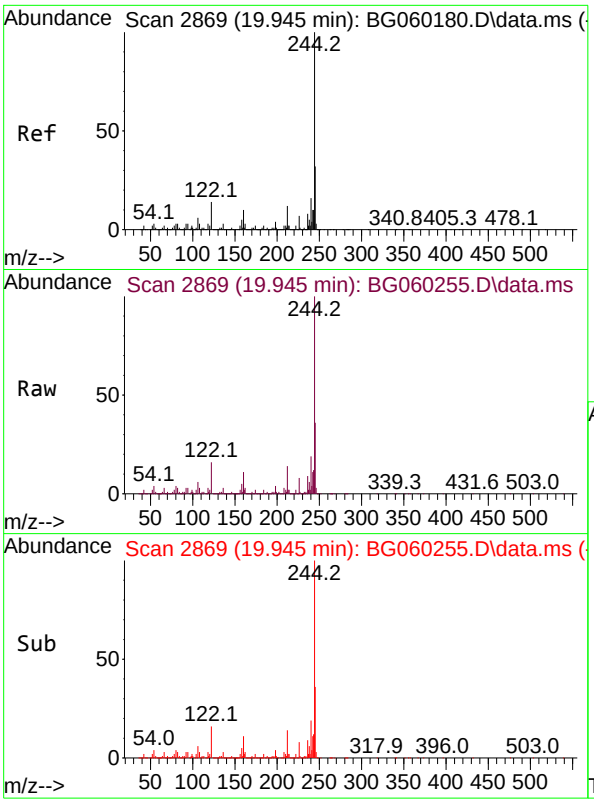


#78
Pyrene
Concen: 38.695 ng
RT: 19.745 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:202 Resp: 4130660

Ion	Ratio	Lower	Upper
202	100		
200	27.6	20.3	30.5
203	23.1	17.8	26.6



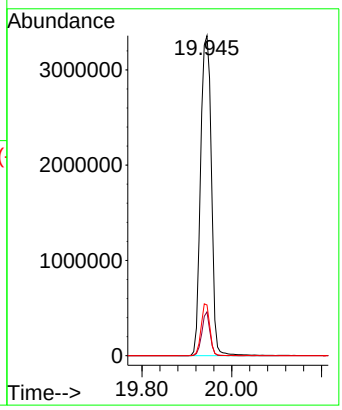


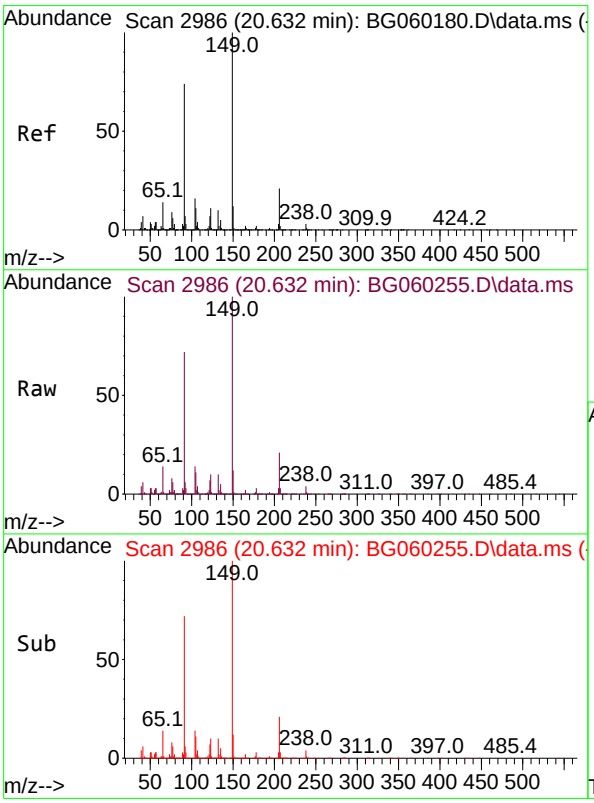
#79
Terphenyl-d14
Concen: 67.738 ng
RT: 19.945 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 5595324

Ion	Ratio	Lower	Upper
244	100		
212	13.7	9.5	14.3
122	15.9	11.4	17.2

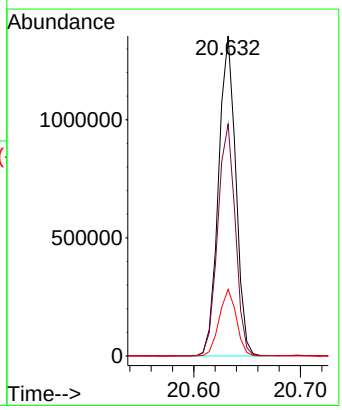


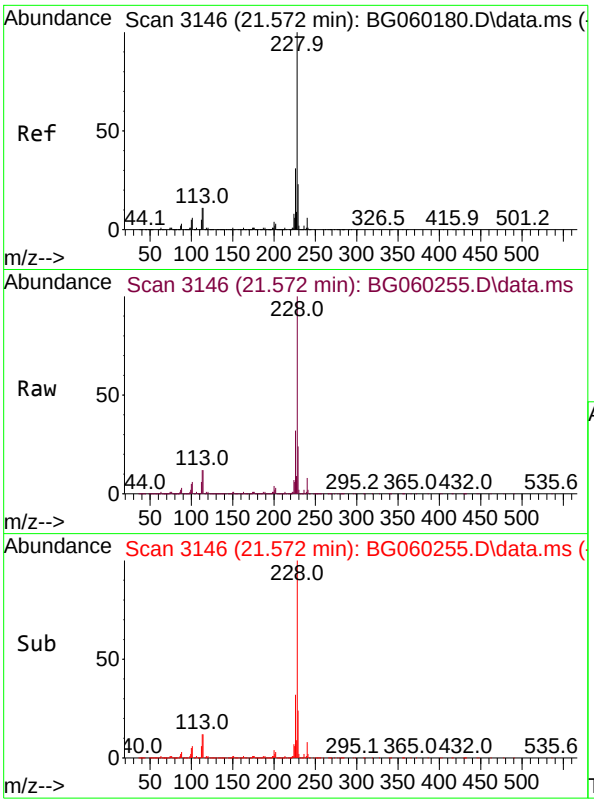


#80
Butylbenzylphthalate
Concen: 48.317 ng
RT: 20.632 min Scan# 2986
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:149 Resp: 1520836

Ion	Ratio	Lower	Upper
149	100		
91	72.4	59.4	89.2
206	20.8	16.6	25.0



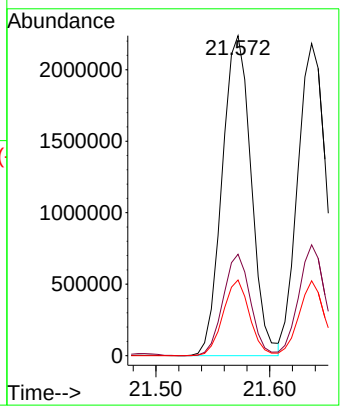


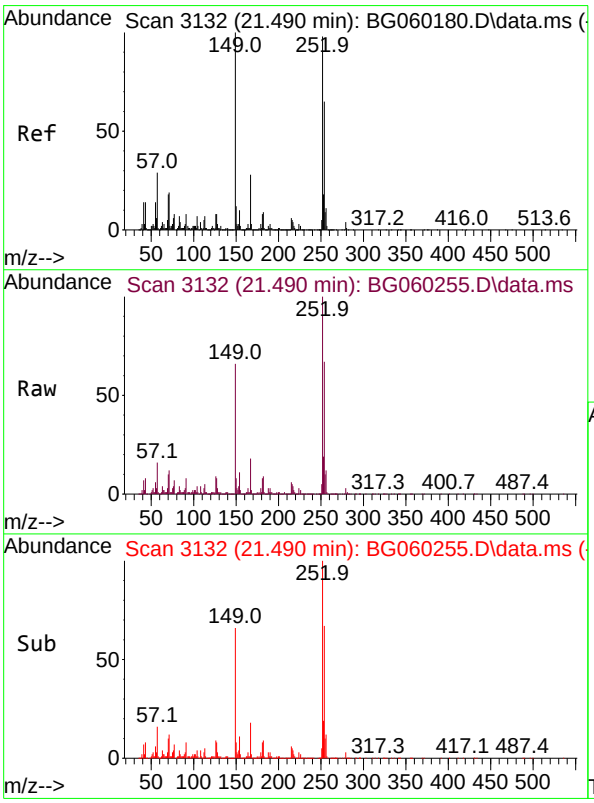
#81
Benzo(a)anthracene
Concen: 39.351 ng
RT: 21.572 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3973174

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	36.8
229	23.6	18.4	27.6

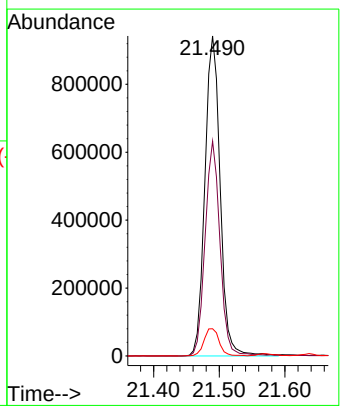


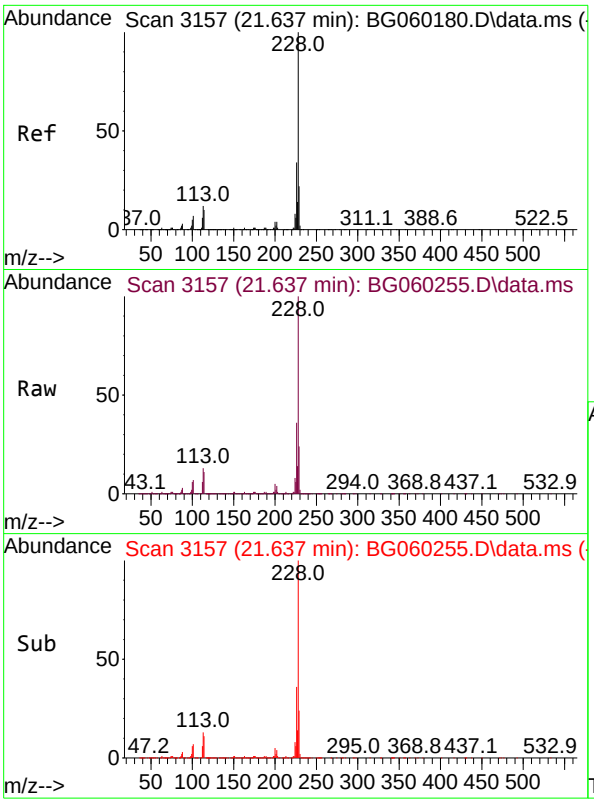


#82
3,3'-Dichlorobenzidine
Concen: 41.560 ng
RT: 21.490 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:252 Resp: 1525947

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	78.8
126	8.5	6.9	10.3



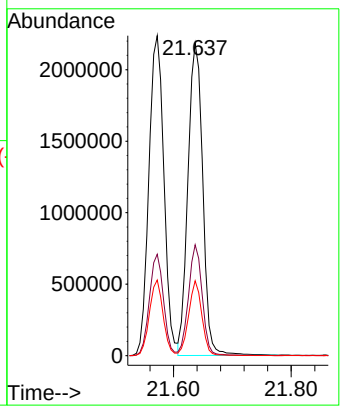


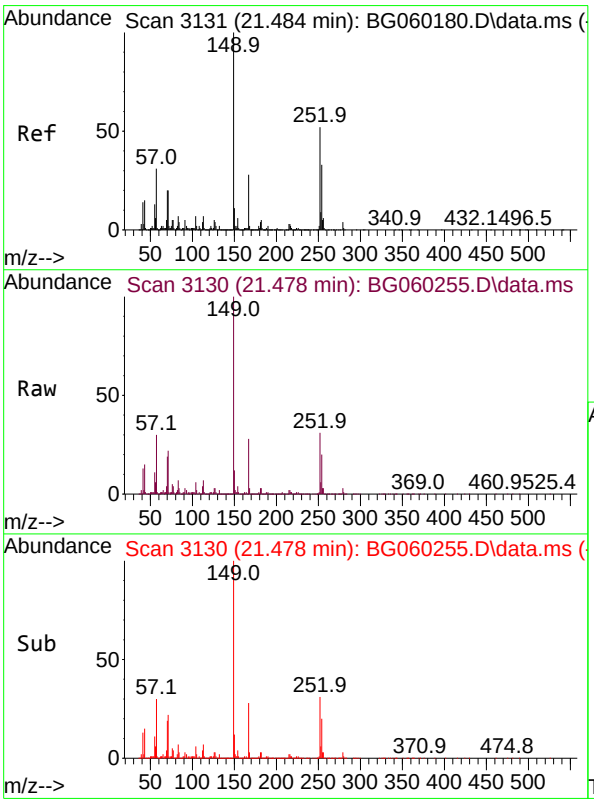
#83
Chrysene
Concen: 38.840 ng
RT: 21.637 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3809874

Ion	Ratio	Lower	Upper
228	100		
226	35.5	26.8	40.2
229	24.0	17.7	26.5

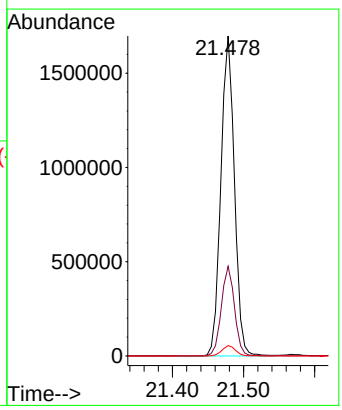


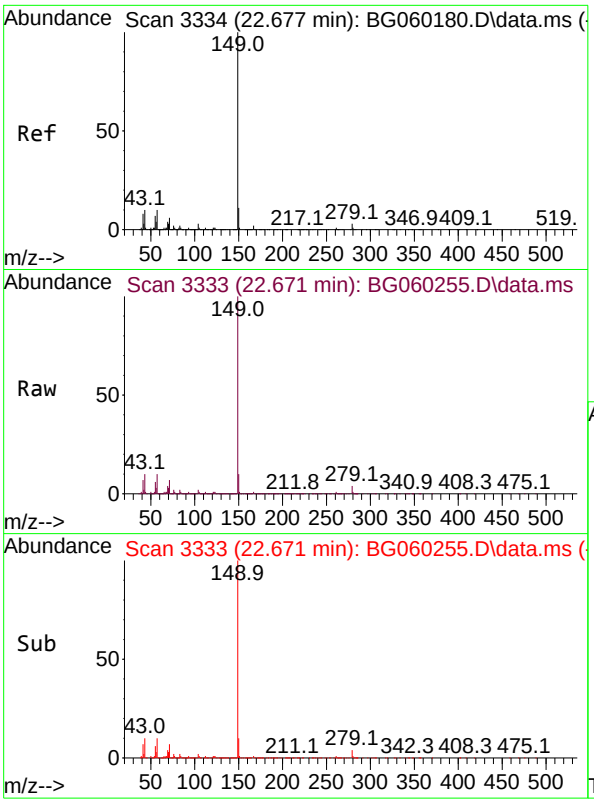


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.812 ng
RT: 21.478 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:149 Resp: 2234484

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	3.2	2.9	4.3



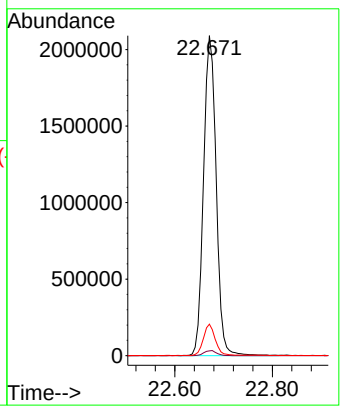


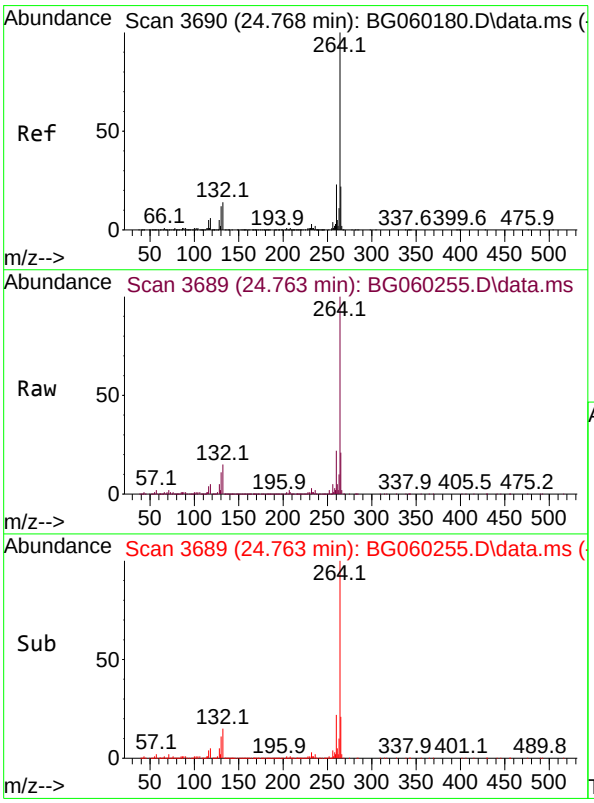
#85
Di-n-octyl phthalate
Concen: 47.911 ng
RT: 22.671 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 3743538

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.8	11.8

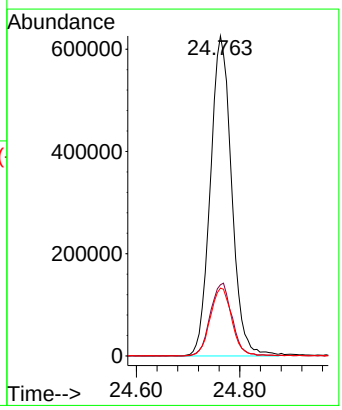


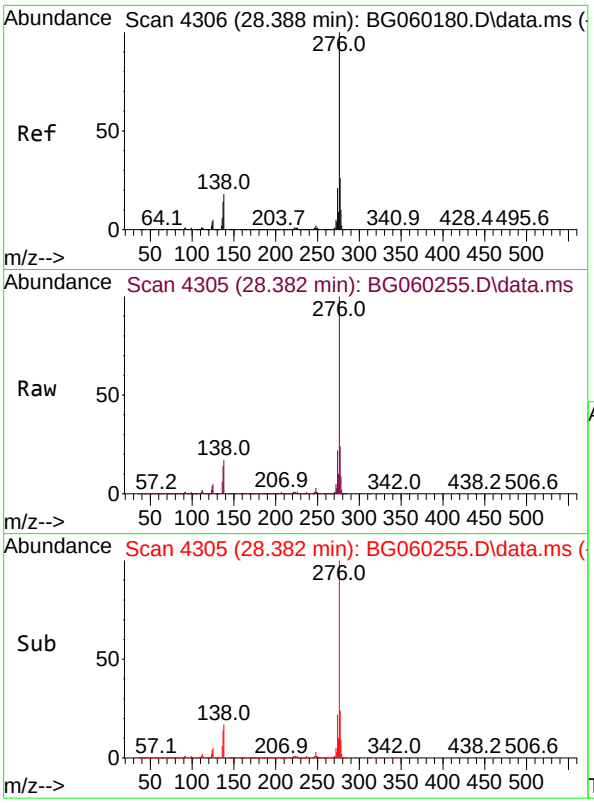


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.763 min Scan# 3689
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:264 Resp: 1788292

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.0	27.0
265	21.2	17.4	26.0



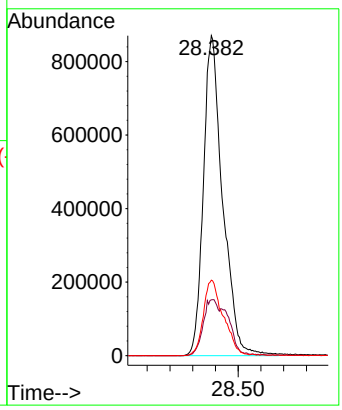


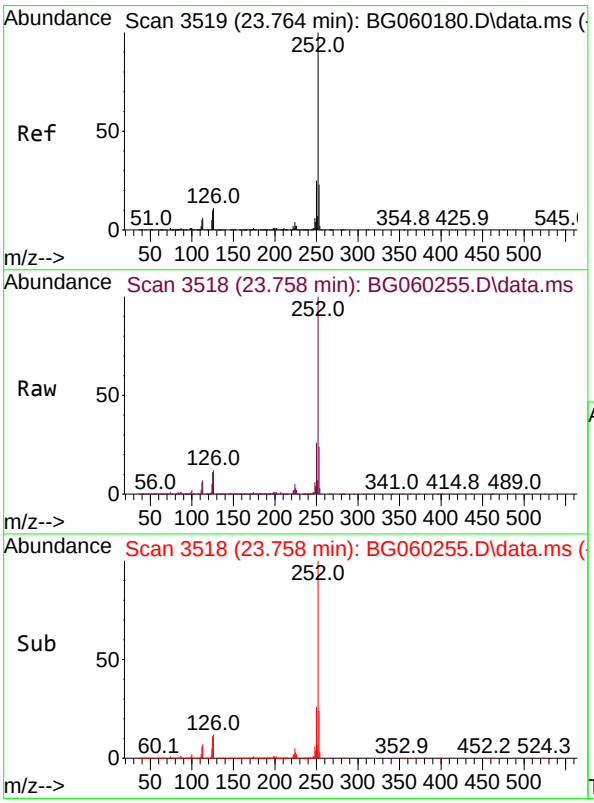
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.653 ng
RT: 28.382 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 5125496

Ion	Ratio	Lower	Upper
276	100		
138	13.7	18.0	27.0#
277	24.4	20.0	30.0

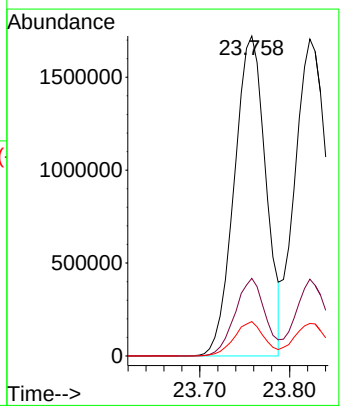


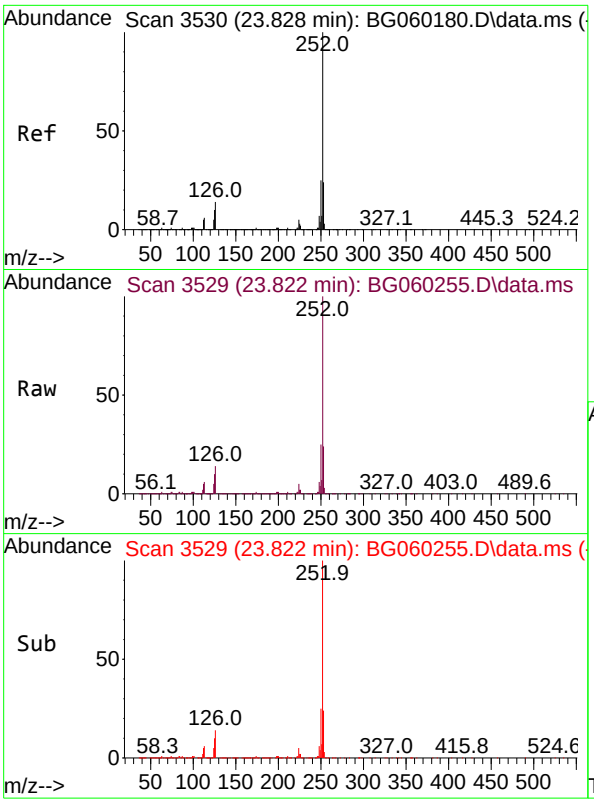


#88
Benzo(b)fluoranthene
Concen: 39.066 ng
RT: 23.758 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:252 Resp: 4198221

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	10.7	8.0	12.0



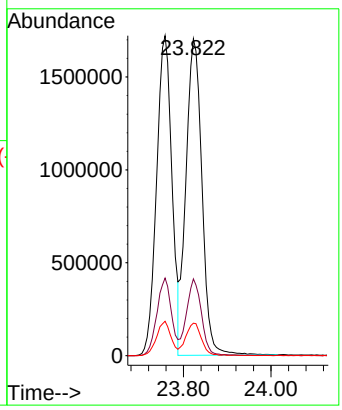


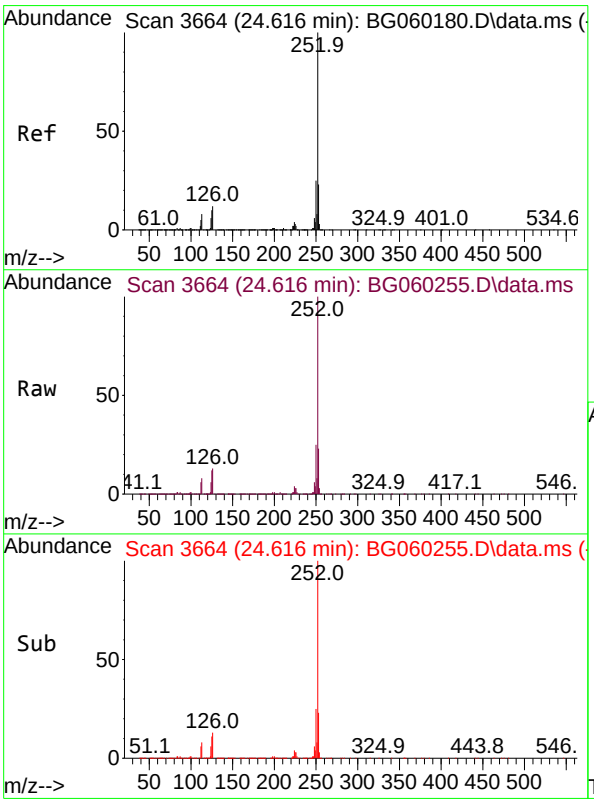
#89
Benzo(k)fluoranthene
Concen: 39.982 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 4324570

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.1	28.7
125	10.2	7.7	11.5

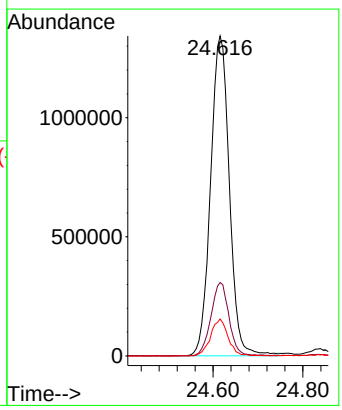


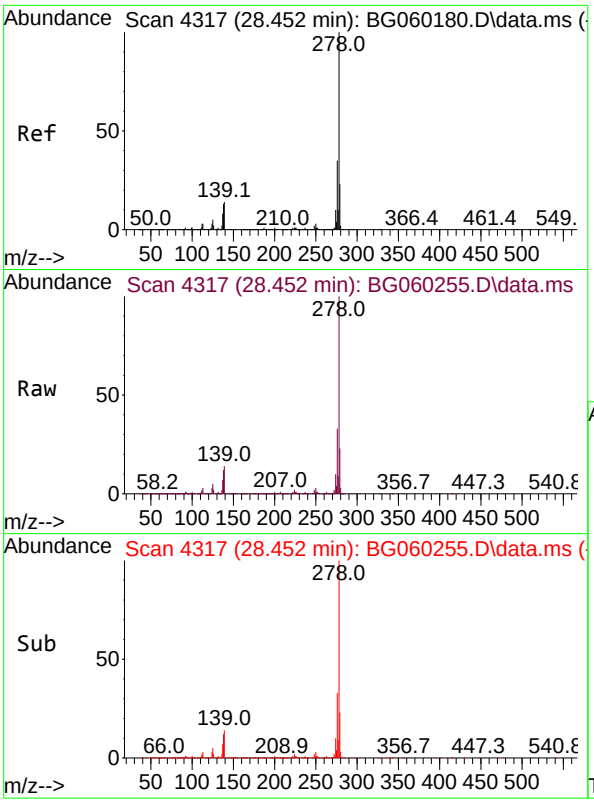


#90
Benzo(a)pyrene
Concen: 40.104 ng
RT: 24.616 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:252 Resp: 3899176

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.5	8.2	12.2



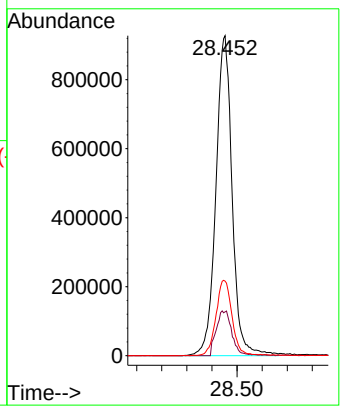


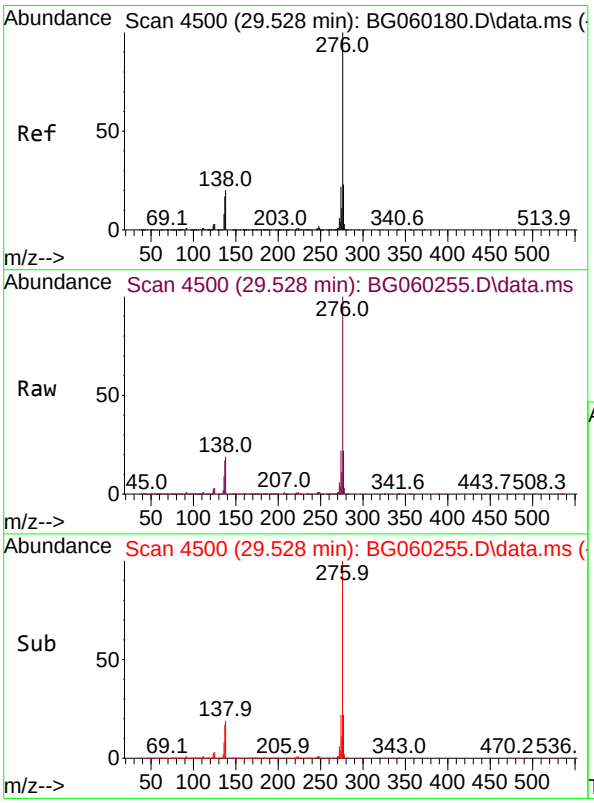
#91
Dibenzo(a,h)anthracene
Concen: 40.217 ng
RT: 28.452 min Scan# 4
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

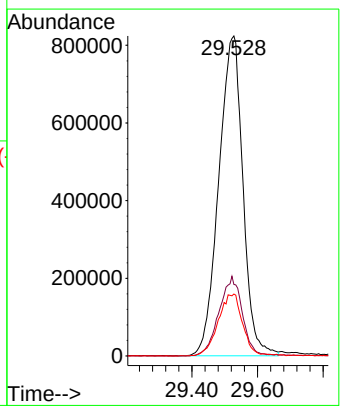
Tgt Ion:278 Resp: 4166189

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	23.3	18.5	27.7





#92
Benzo(g,h,i)perylene
Concen: 40.081 ng
RT: 29.528 min Scan# 4500
Delta R.T. -0.000 min
Lab File: BG060255.D
Acq: 4 Jan 2024 22:23

Tgt Ion:276 Resp: 4205643

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.7	28.1
138	19.4	15.9	23.9