Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054322.D
Acq On : 19 Jul 2022 17:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 19 18:30:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	17032	20.000	ng		0.00
21) Naphthalene-d8	10.802	136	61960	20.000	ng	#	0.00
39) Acenaphthene-d10	14.633	164	49514	20.000	ng		0.00
64) Phenanthrene-d10	17.376	188	136125	20.000	ng	#	0.00
76) Chrysene-d12	21.642	240	164560	20.000	ng	#	0.00
86) Perylene-d12	24.832	264	183433	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	66403	81.401	ng		0.00
7) Phenol-d6	7.159	99	90348	80.828	ng		-0.01
23) Nitrobenzene-d5	9.157	82	93030	81.765	ng		0.00
42) 2,4,6-Tribromophenol	16.119	330	88008	84.655	ng		0.00
45) 2-Fluorobiphenyl	13.252	172	295572	84.211	ng		0.00
79) Terphenyl-d14	19.985	244	689479	83.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	13609	41.934	ng		92
3) Pyridine	3.828	79	36038	43.774	ng		97
4) n-Nitrosodimethylamine	3.745	42	20622	44.797	ng	#	87
6) Aniline	7.318	93	51727	40.091	ng		99
8) 2-Chlorophenol	7.558	128	37528	40.031	ng		89
9) Benzaldehyde	7.130	77	24412	43.366	ng	#	70
10) Phenol	7.194	94	46247	41.642	ng		96
11) bis(2-Chloroethyl)ether	7.412	93	31627	39.058	ng		92
12) 1,3-Dichlorobenzene	7.887	146	47148	41.277	ng		94
13) 1,4-Dichlorobenzene	8.028	146	47745	40.477	ng		95
14) 1,2-Dichlorobenzene	8.352	146	45606	41.001	ng		98
15) Benzyl Alcohol	8.234	79	37677	40.983	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	39416	38.650	ng		94
17) 2-Methylphenol	8.440	107	32306	40.359	ng		95
18) Hexachloroethane	9.080	117	16511	42.274	ng	#	60
19) n-Nitroso-di-n-propyla...	8.798	70	29068	38.943	ng	#	92
20) 3+4-Methylphenols	8.769	107	45466	40.312	ng		96
22) Acetophenone	8.816	105	61913	41.546	ng	#	98
24) Nitrobenzene	9.198	77	45516	40.934	ng	#	87
25) Isophorone	9.721	82	79689	40.272	ng	#	93
26) 2-Nitrophenol	9.915	139	23450	41.839	ng		91
27) 2,4-Dimethylphenol	9.973	122	32603	42.108	ng		92
28) bis(2-Chloroethoxy)met...	10.202	93	41181	41.263	ng	#	98
29) 2,4-Dichlorophenol	10.455	162	48720	41.688	ng		90
30) 1,2,4-Trichlorobenzene	10.667	180	61862	42.740	ng	#	93
31) Naphthalene	10.855	128	126725	40.744	ng		99
32) Benzoic acid	10.155	122	5161	21.779	ng	#	74
33) 4-Chloroaniline	10.960	127	53082	41.968	ng		95
34) Hexachlorobutadiene	11.143	225	54336	42.478	ng		95
35) Caprolactam	11.724	113	12457	42.332	ng	#	75
36) 4-Chloro-3-methylphenol	12.088	107	43008	40.451	ng	#	82
37) 2-Methylnaphthalene	12.459	142	96644	40.462	ng		97
38) 1-Methylnaphthalene	12.676	142	94945	40.795	ng		96
40) 1,2,4,5-Tetrachloroben...	12.829	216	93084	42.910	ng	#	93
41) Hexachlorocyclopentadiene	12.811	237	23961	38.896	ng		96
43) 2,4,6-Trichlorophenol	13.070	196	49996	42.328	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054322.D
Acq On : 19 Jul 2022 17:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 19 18:30:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

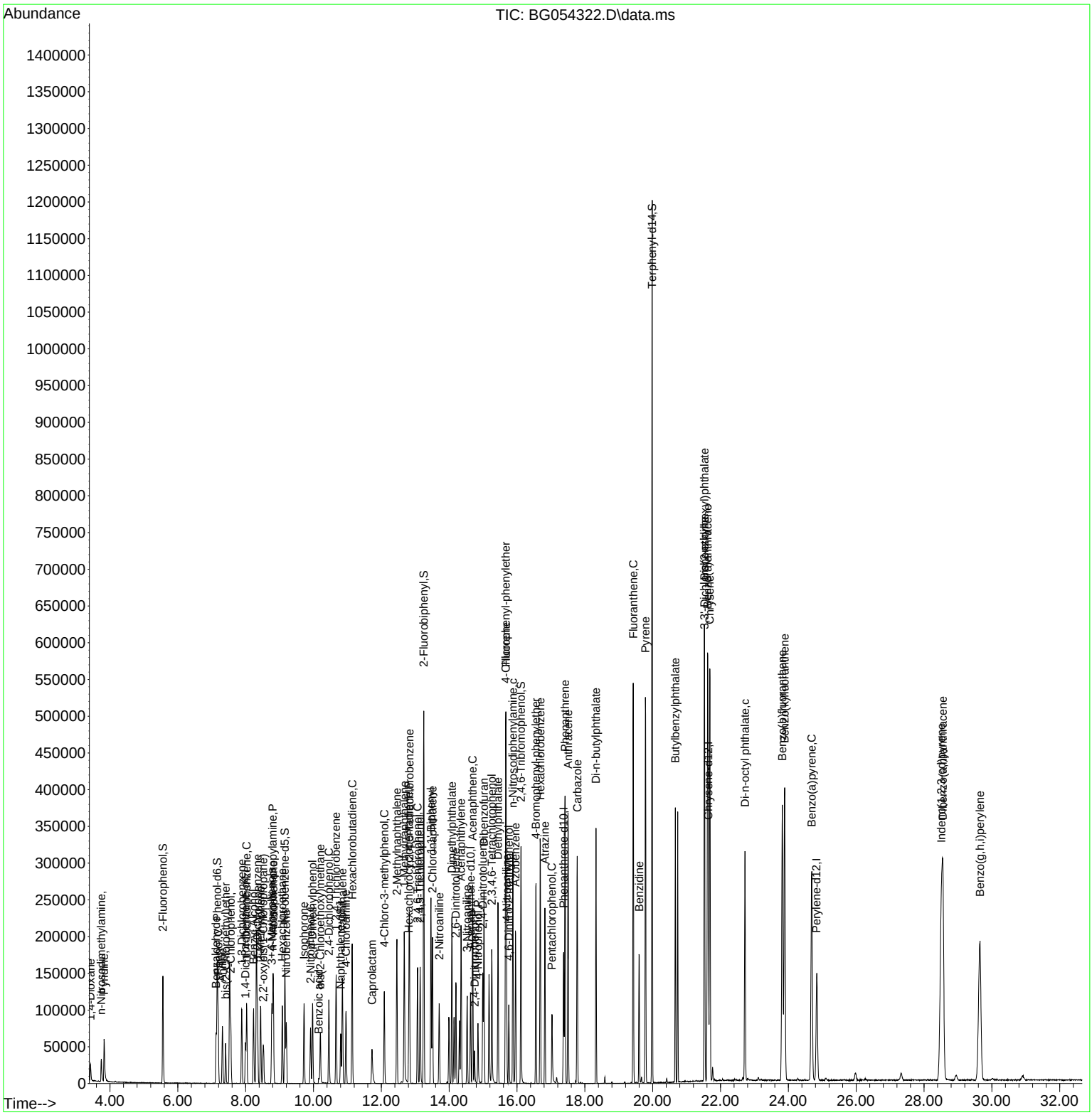
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.146	196	55398	41.510	ng	#	90
46) 1,1'-Biphenyl	13.463	154	138900	41.005	ng		97
47) 2-Chloronaphthalene	13.510	162	117552	41.467	ng		95
48) 2-Nitroaniline	13.710	65	31492	42.566	ng		88
49) Acenaphthylene	14.351	152	174341	41.388	ng		98
50) Dimethylphthalate	14.080	163	160488	41.496	ng		99
51) 2,6-Dinitrotoluene	14.198	165	35566	41.926	ng	#	77
52) Acenaphthene	14.691	154	104921	41.133	ng		99
53) 3-Nitroaniline	14.533	138	29946	42.209	ng		87
54) 2,4-Dinitrophenol	14.750	184	14468	33.559	ng	#	83
55) Dibenzofuran	15.026	168	188603	41.556	ng		97
56) 4-Nitrophenol	14.850	139	19986	42.223	ng		95
57) 2,4-Dinitrotoluene	14.991	165	51213	42.112	ng	#	83
58) Fluorene	15.672	166	157138	42.111	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.255	232	54703	42.101	ng	#	83
60) Diethylphthalate	15.443	149	154683	41.691	ng		97
61) 4-Chlorophenyl-phenyle...	15.667	204	102764	41.954	ng	#	88
62) 4-Nitroaniline	15.696	138	31686	42.510	ng		93
63) Azobenzene	15.954	77	109825	40.968	ng		85
65) 4,6-Dinitro-2-methylph...	15.761	198	33546	39.889	ng		75
66) n-Nitrosodiphenylamine	15.878	169	136613	40.197	ng		96
67) 4-Bromophenyl-phenylether	16.560	248	79212	41.433	ng	#	88
68) Hexachlorobenzene	16.689	284	91077	41.658	ng	#	86
69) Atrazine	16.824	200	62878	41.576	ng		94
70) Pentachlorophenol	17.030	266	29112	33.030	ng		94
71) Phenanthrene	17.417	178	279275	41.197	ng		98
72) Anthracene	17.506	178	272918	41.026	ng		98
73) Carbazole	17.776	167	225918	41.250	ng		99
74) Di-n-butylphthalate	18.328	149	262442	40.606	ng		98
75) Fluoranthene	19.427	202	383498	41.500	ng		96
77) Benzidine	19.603	184	119430	40.073	ng		98
78) Pyrene	19.785	202	386174	40.898	ng		99
80) Butylbenzylphthalate	20.667	149	117557	39.951	ng	#	85
81) Benzo(a)anthracene	21.618	228	435357	41.676	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	136734	42.088	ng	#	95
83) Chrysene	21.683	228	408327	41.374	ng		98
84) Bis(2-ethylhexyl)phtha...	21.524	149	165680	39.792	ng	#	93
85) Di-n-octyl phthalate	22.723	149	294675	41.485	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.510	276	573744	41.115	ng	#	98
88) Benzo(b)fluoranthene	23.822	252	451682	41.637	ng	#	99
89) Benzo(k)fluoranthene	23.892	252	439296	40.690	ng	#	98
90) Benzo(a)pyrene	24.691	252	381693	41.200	ng	#	97
91) Dibenzo(a,h)anthracene	28.557	278	470798	41.030	ng	#	96
92) Benzo(g,h,i)perylene	29.650	276	469163	41.427	ng	#	92

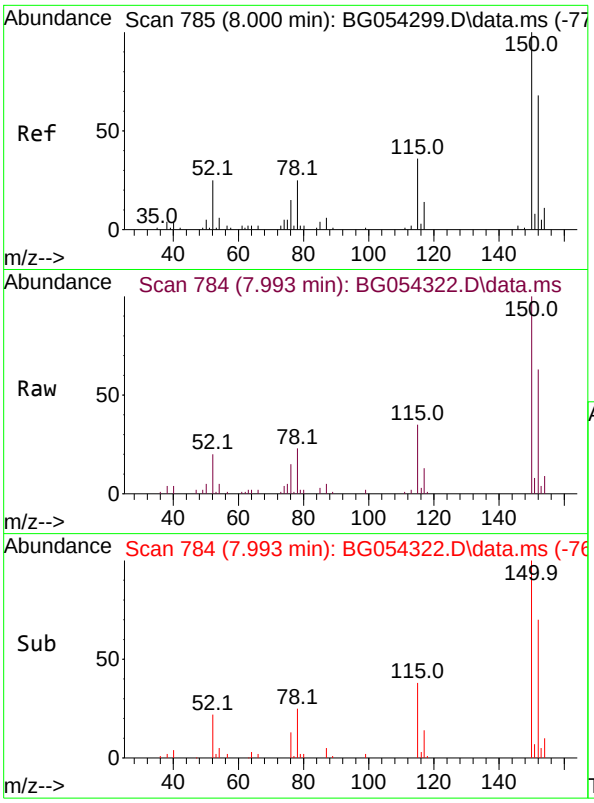
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054322.D
Acq On : 19 Jul 2022 17:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 19 18:30:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



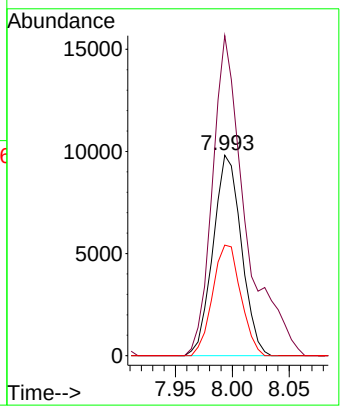


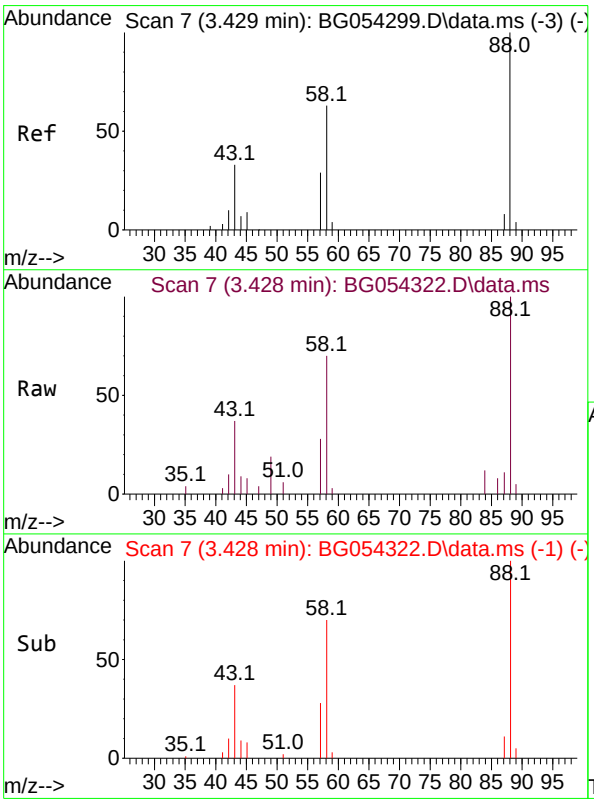
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 17032

Ion	Ratio	Lower	Upper
152	100		
150	159.6	131.6	197.4
115	55.2	50.9	76.3

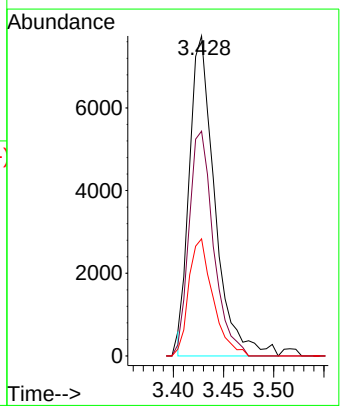


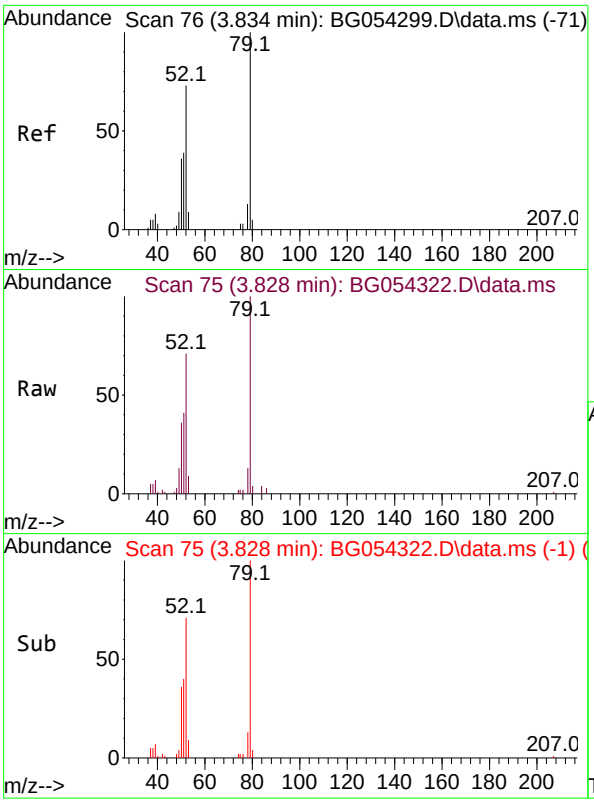


#2
1,4-Dioxane
Concen: 41.934 ng
RT: 3.428 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 88 Resp: 13609

Ion	Ratio	Lower	Upper
88	100		
58	67.2	59.2	88.8
43	34.5	24.3	36.5



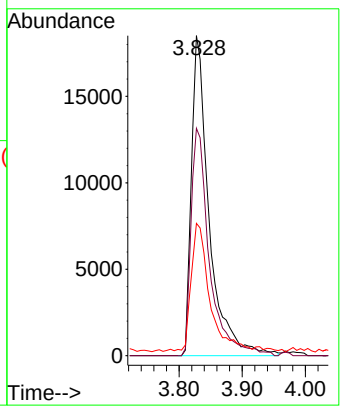


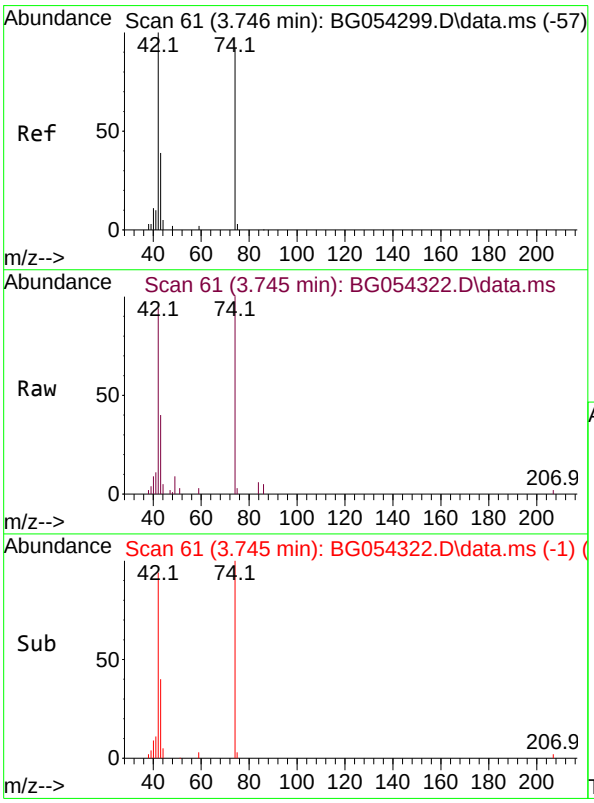
#3
Pyridine
Concen: 43.774 ng
RT: 3.828 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 36038

Ion	Ratio	Lower	Upper
79	100		
52	71.0	54.6	81.8
51	41.4	32.5	48.7

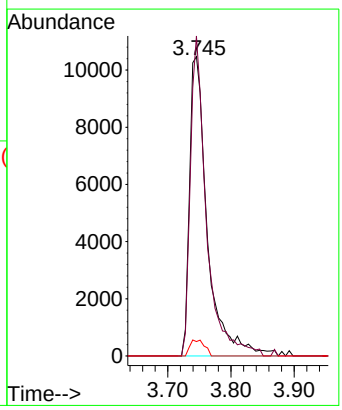


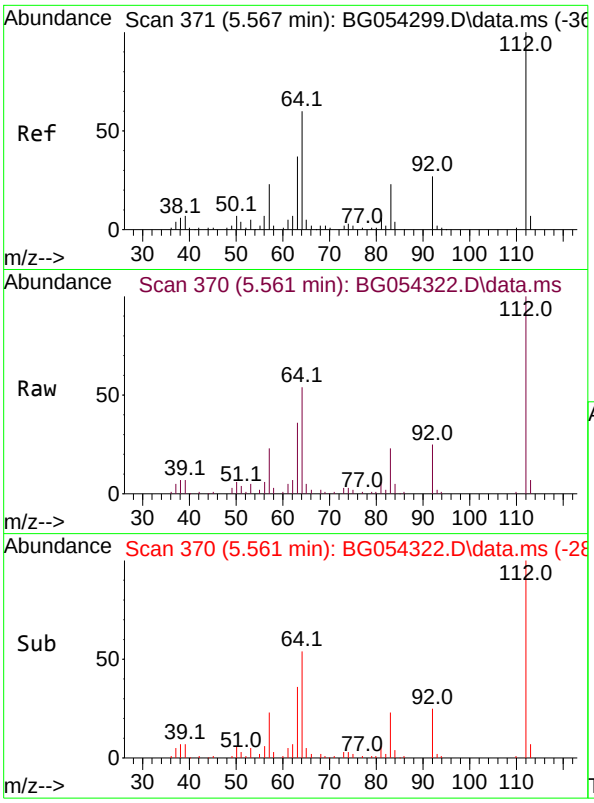


#4
n-Nitrosodimethylamine
Concen: 44.797 ng
RT: 3.745 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 42 Resp: 20622

Ion	Ratio	Lower	Upper
42	100		
74	106.9	97.0	145.4
44	4.8	7.0	10.4#



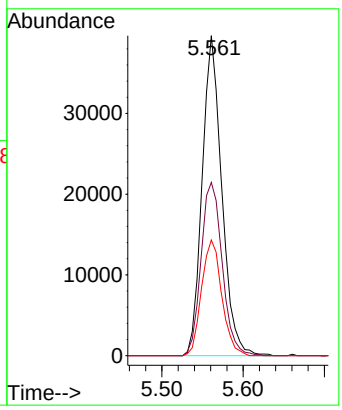


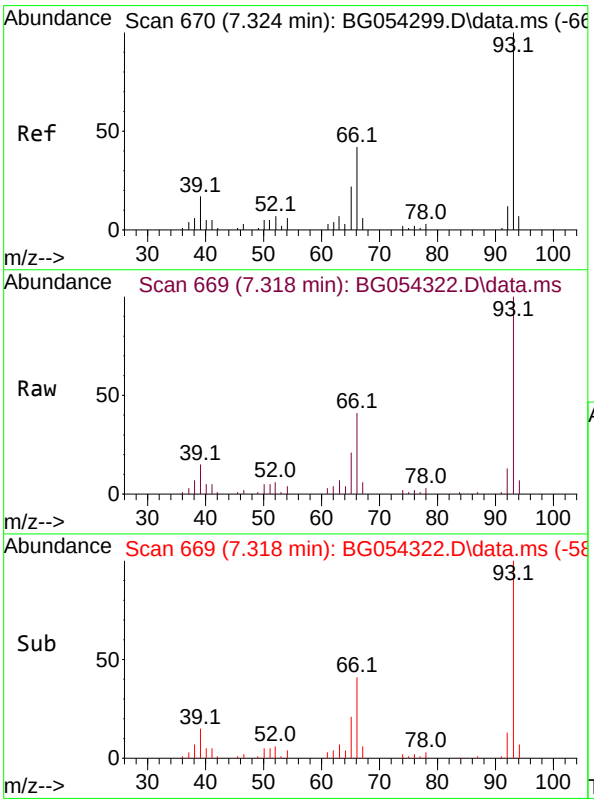
#5
2-Fluorophenol
Concen: 81.401 ng
RT: 5.561 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 66403

Ion	Ratio	Lower	Upper
112	100		
64	54.2	55.1	82.7#
63	36.1	30.4	45.6

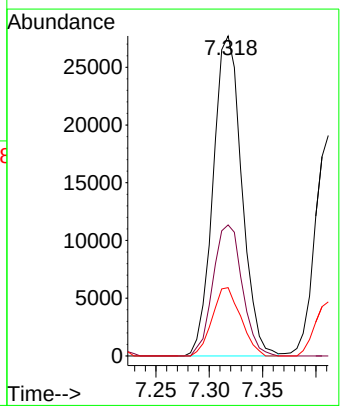


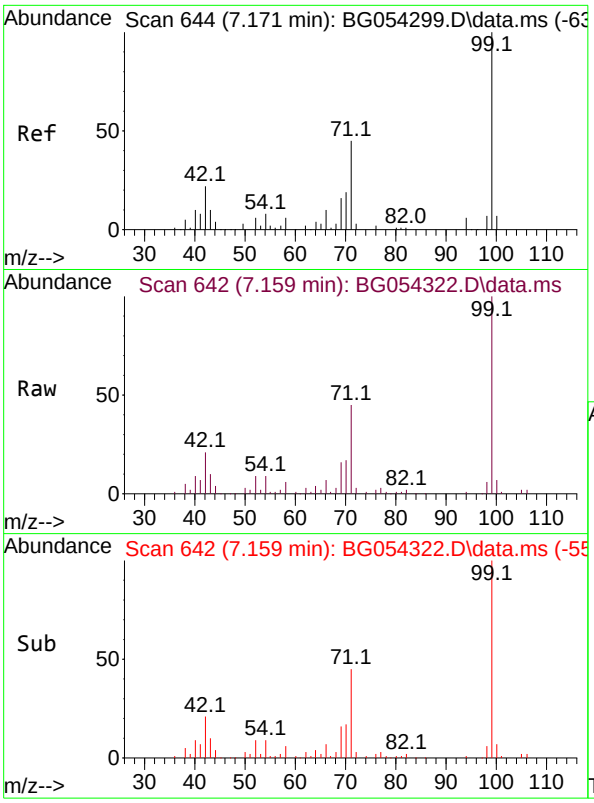


#6
Aniline
Concen: 40.091 ng
RT: 7.318 min Scan# 669
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 93 Resp: 51727

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.9	49.3
65	21.4	17.8	26.8



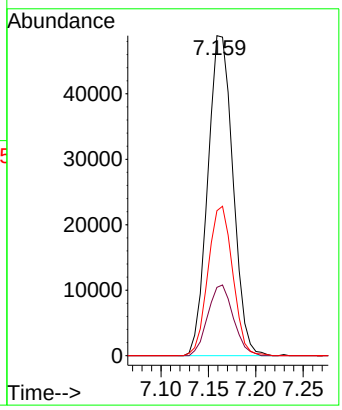


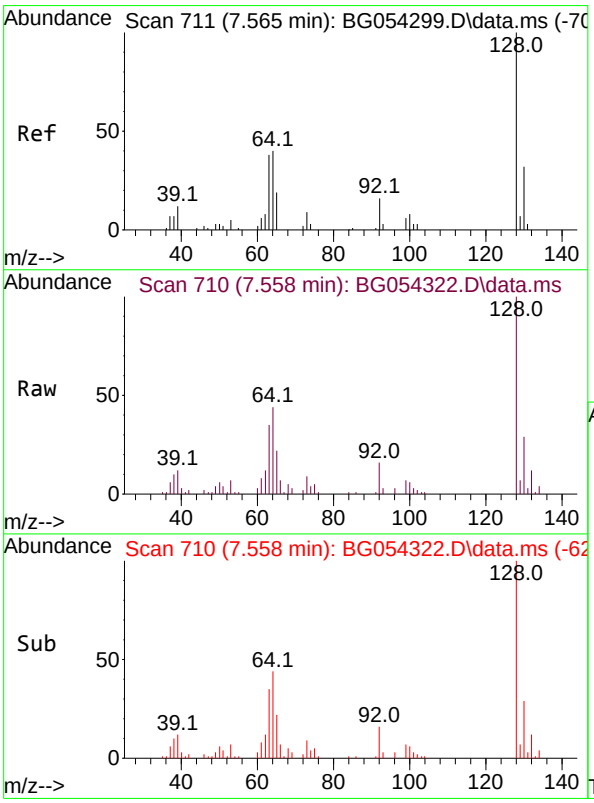
#7
Phenol-d6
Concen: 80.828 ng
RT: 7.159 min Scan# 64
Delta R.T. -0.012 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 90348

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	45.3	33.8	50.8

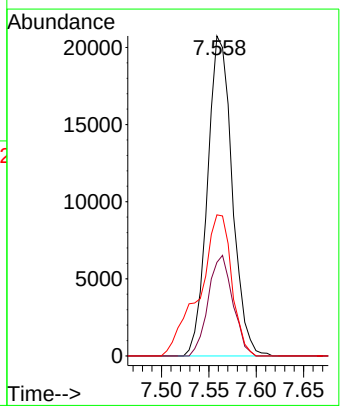


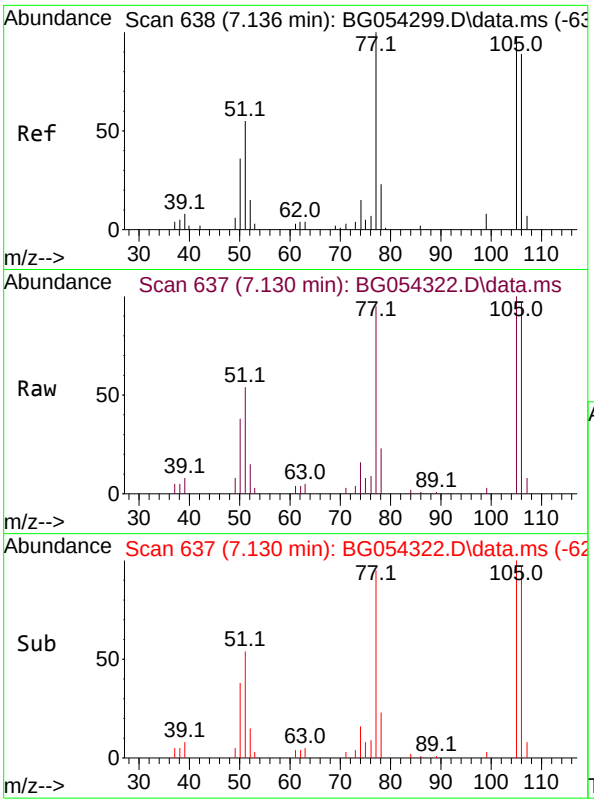


#8
2-Chlorophenol
Concen: 40.031 ng
RT: 7.558 min Scan# 710
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:128 Resp: 37528

Ion	Ratio	Lower	Upper
128	100		
130	29.2	10.5	50.5
64	44.1	35.1	75.1



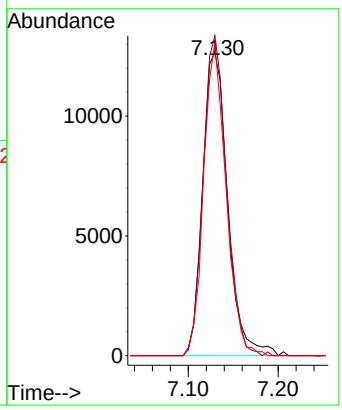


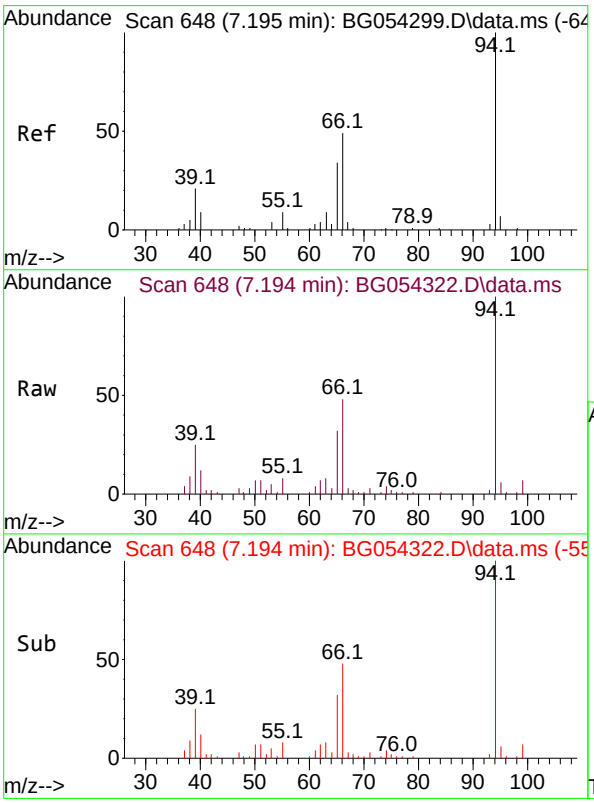
#9
Benzaldehyde
Concen: 43.366 ng
RT: 7.130 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 24412

Ion	Ratio	Lower	Upper
77	100		
105	105.5	59.6	99.6#
106	102.8	56.8	96.8#

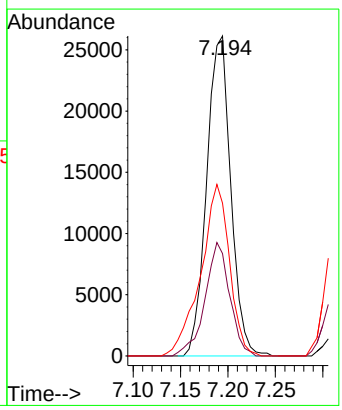


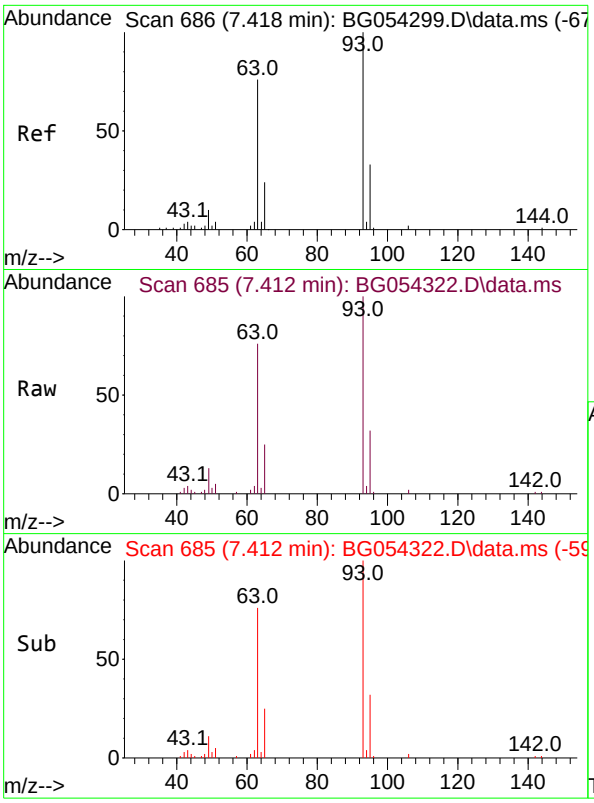


#10
Phenol
Concen: 41.642 ng
RT: 7.194 min Scan# 648
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 94 Resp: 46247

Ion	Ratio	Lower	Upper
94	100		
65	32.0	14.8	54.8
66	47.8	25.2	65.2



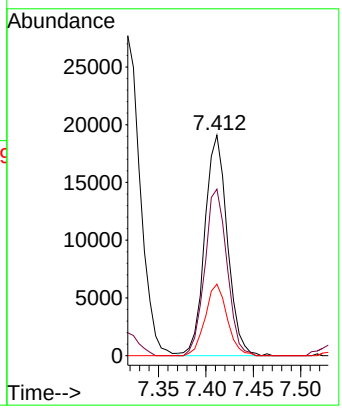


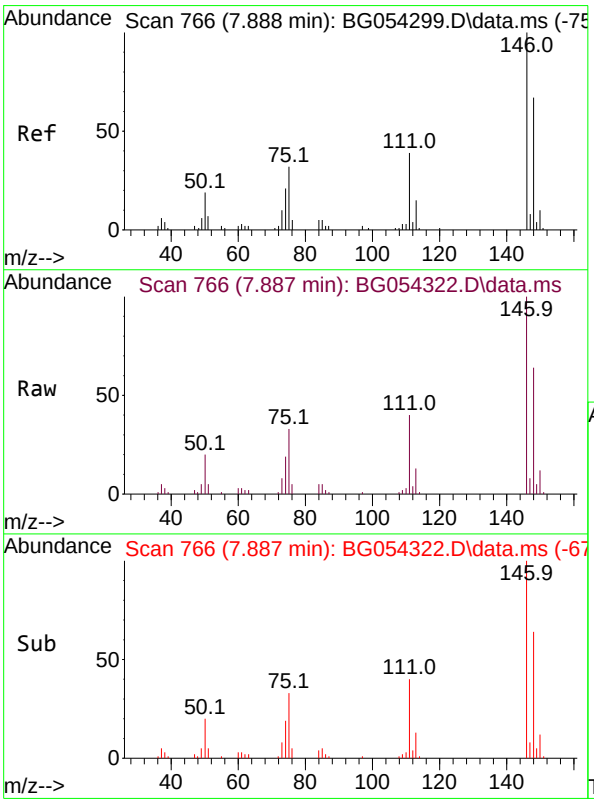
#11
bis(2-Chloroethyl)ether
Concen: 39.058 ng
RT: 7.412 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 31627

Ion	Ratio	Lower	Upper
93	100		
63	75.5	63.6	103.6
95	32.4	10.1	50.1

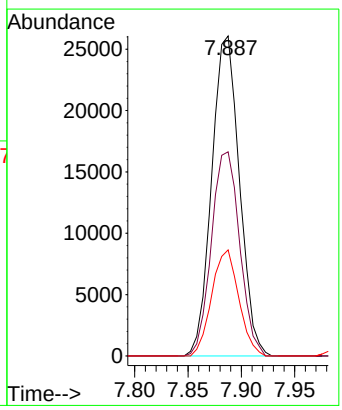


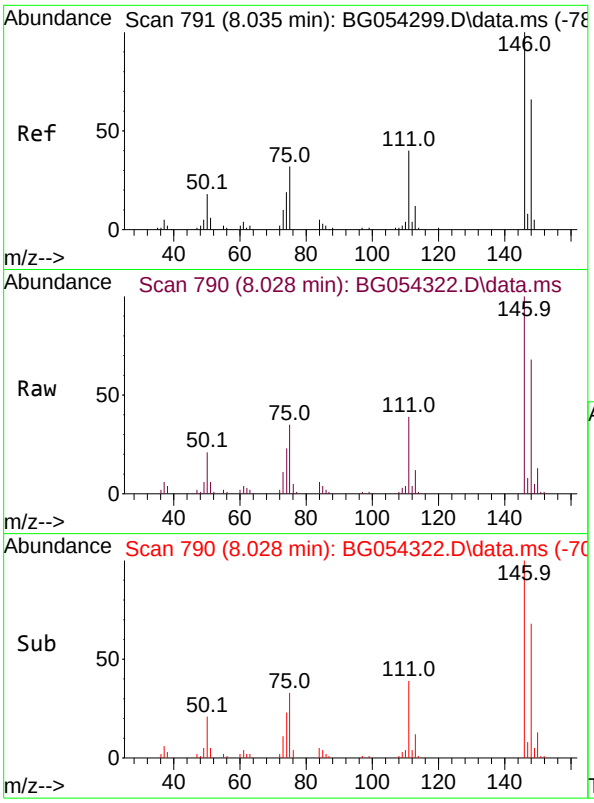


#12
1,3-Dichlorobenzene
Concen: 41.277 ng
RT: 7.887 min Scan# 766
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:146 Resp: 47148

Ion	Ratio	Lower	Upper
146	100		
148	63.8	46.1	69.1
75	33.1	27.6	41.4



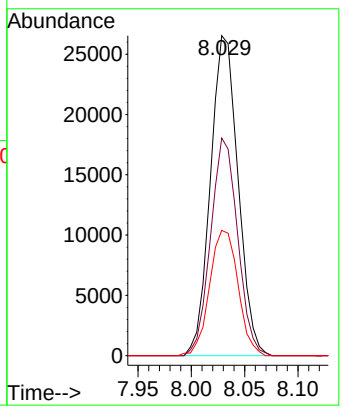


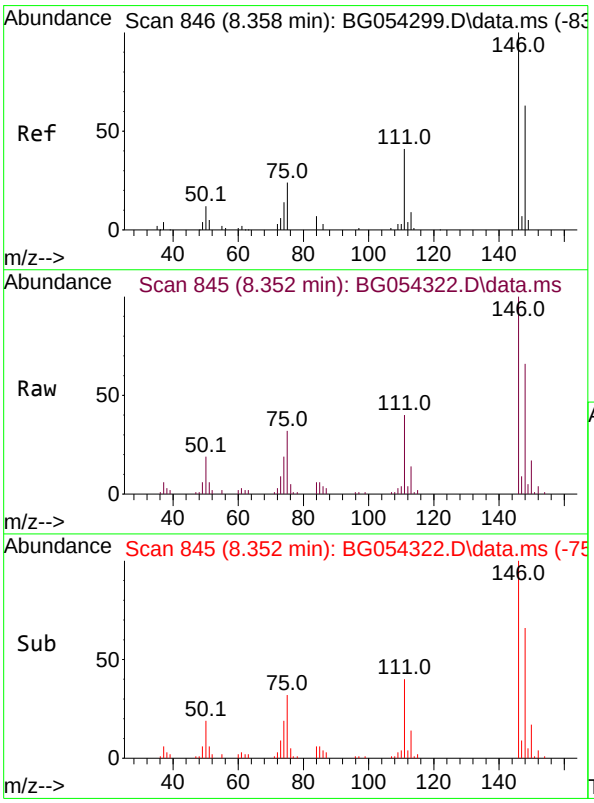
#13
1,4-Dichlorobenzene
Concen: 40.477 ng
RT: 8.028 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 47745

Ion	Ratio	Lower	Upper
146	100		
148	68.0	51.5	77.3
111	39.1	33.9	50.9

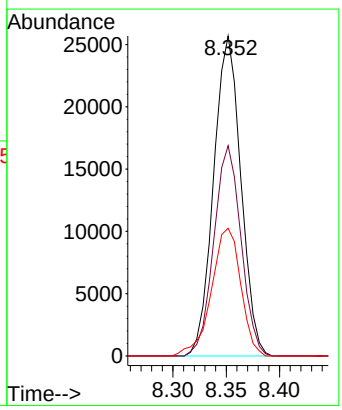


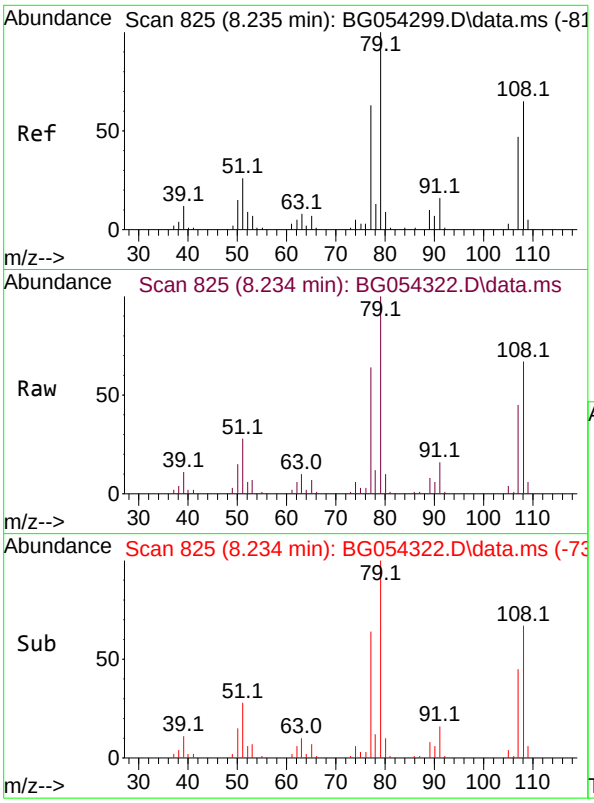


#14
1,2-Dichlorobenzene
Concen: 41.001 ng
RT: 8.352 min Scan# 845
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:146 Resp: 45606

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	78.8
111	39.9	34.5	51.7



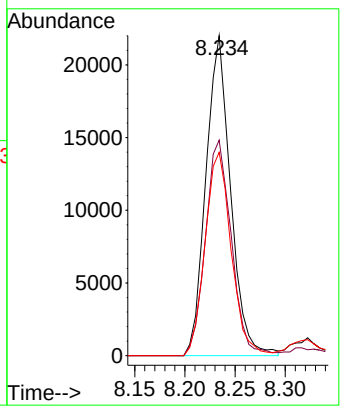


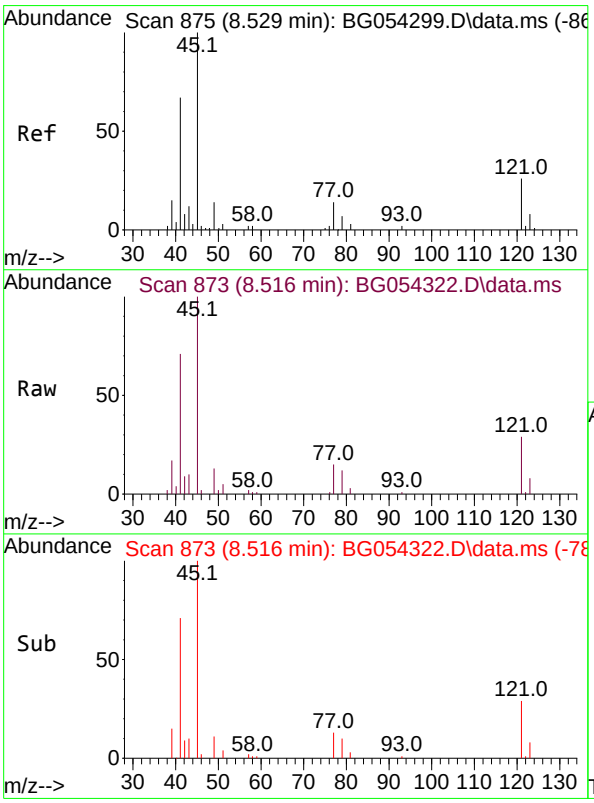
#15
Benzyl Alcohol
Concen: 40.983 ng
RT: 8.234 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 37677

Ion	Ratio	Lower	Upper
79	100		
108	67.3	53.7	80.5
77	63.6	52.2	78.4

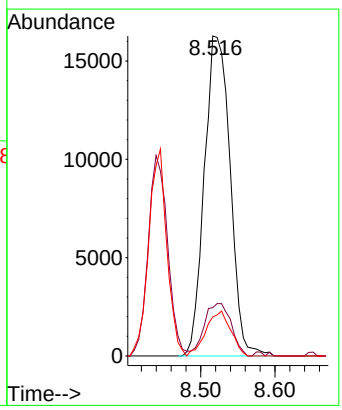


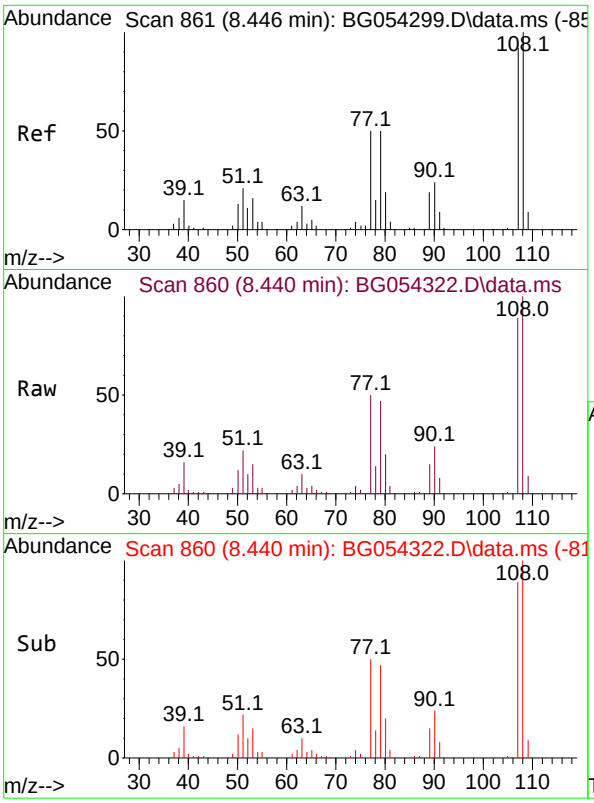


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.650 ng
RT: 8.516 min Scan# 873
Delta R.T. -0.012 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 45 Resp: 39416

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	32.7
79	12.2	0.0	29.7



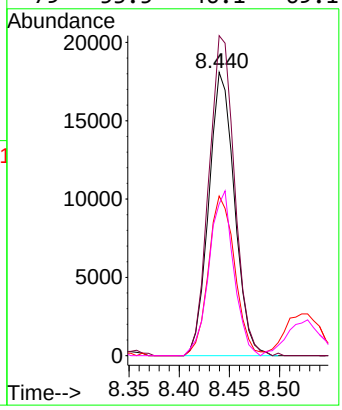


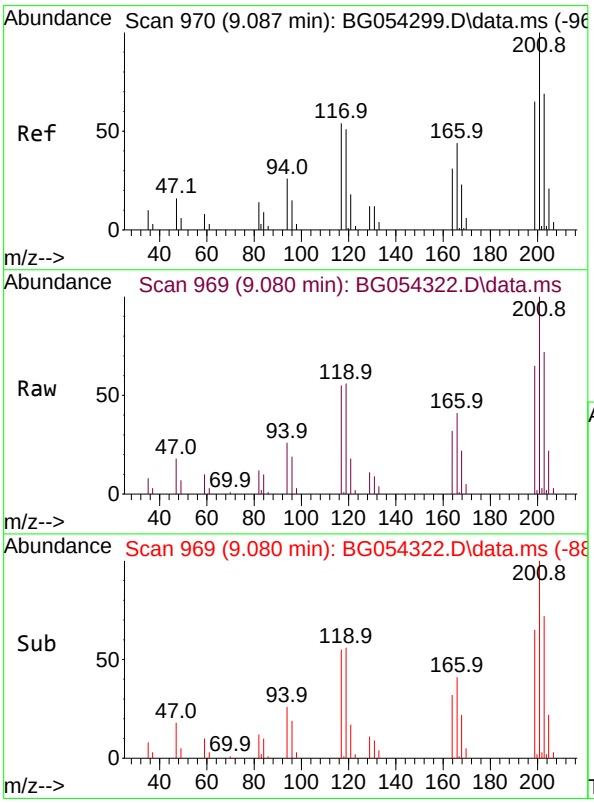
#17
2-Methylphenol
Concen: 40.359 ng
RT: 8.440 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 32306

Ion	Ratio	Lower	Upper
107	100		
108	113.0	85.4	128.0
77	56.4	46.2	69.2
79	53.5	46.1	69.1

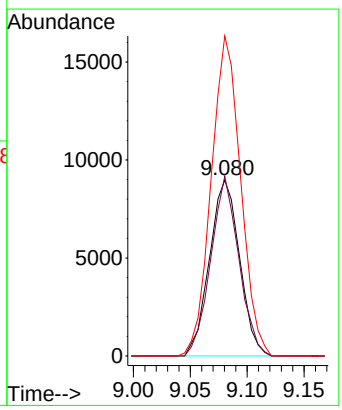


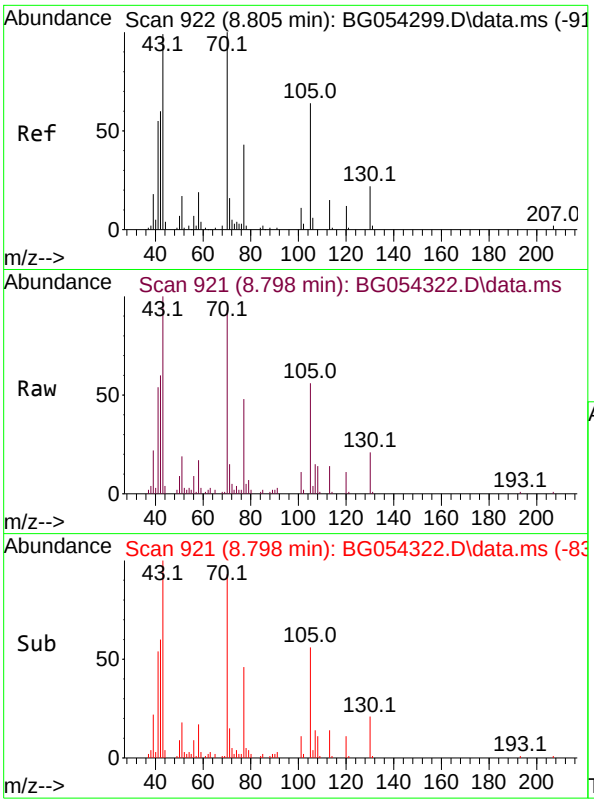


#18
Hexachloroethane
Concen: 42.274 ng
RT: 9.080 min Scan# 969
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:117 Resp: 16511

Ion	Ratio	Lower	Upper
117	100		
119	102.2	75.0	112.6
201	181.9	89.0	133.6#



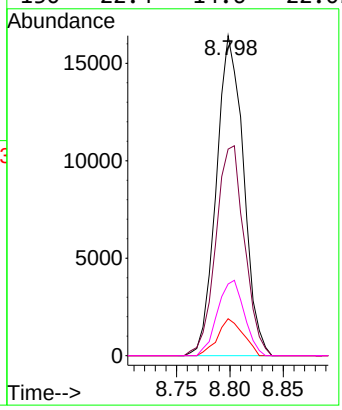


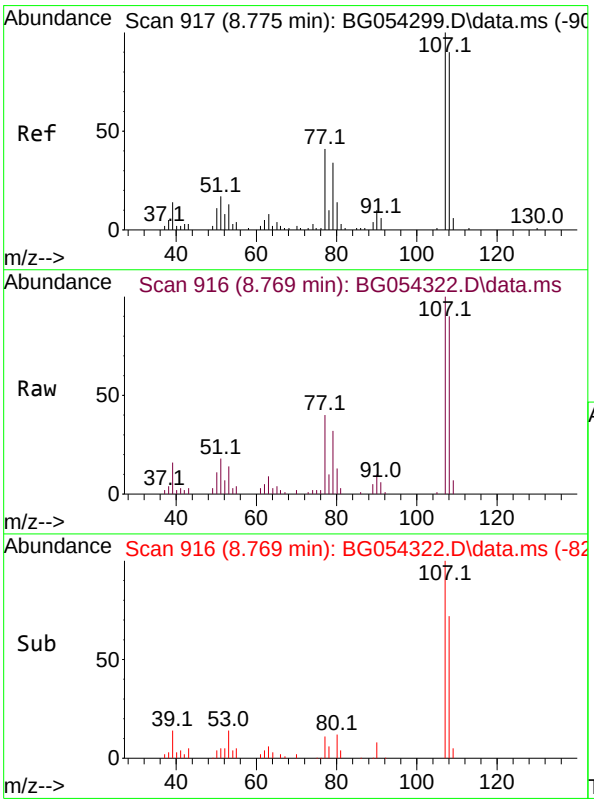
#19
n-Nitroso-di-n-propylamine
Concen: 38.943 ng
RT: 8.798 min Scan# 9
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 29068

Ion	Ratio	Lower	Upper
70	100		
42	64.6	47.3	70.9
101	11.6	7.0	10.4#
130	22.4	14.6	22.0#

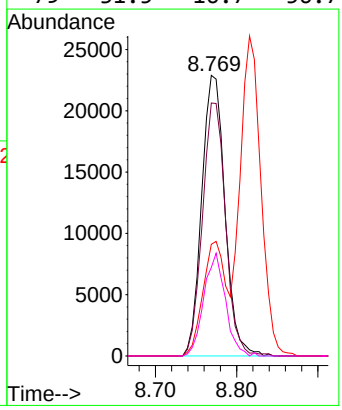


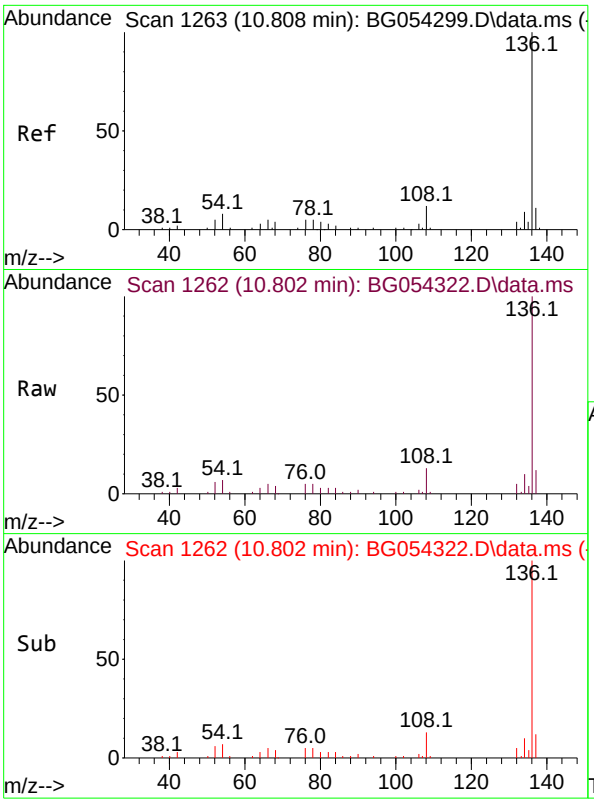


#20
3+4-Methylphenols
Concen: 40.312 ng
RT: 8.769 min Scan# 916
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:107 Resp: 45466

Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.5	107.5
77	39.8	20.3	60.3
79	31.5	16.7	56.7



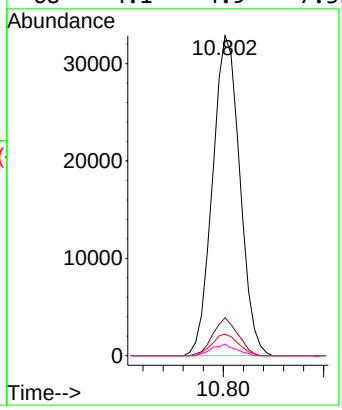


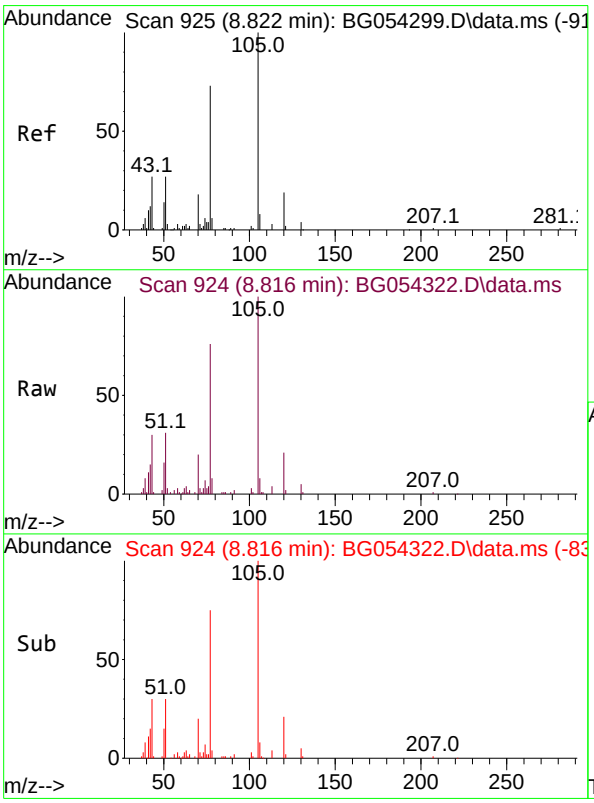
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 61960

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.5	12.7
54	6.7	7.4	11.2#
68	4.1	4.9	7.3#

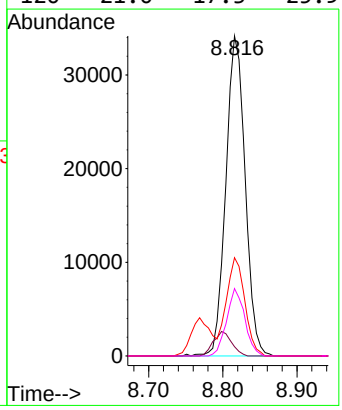


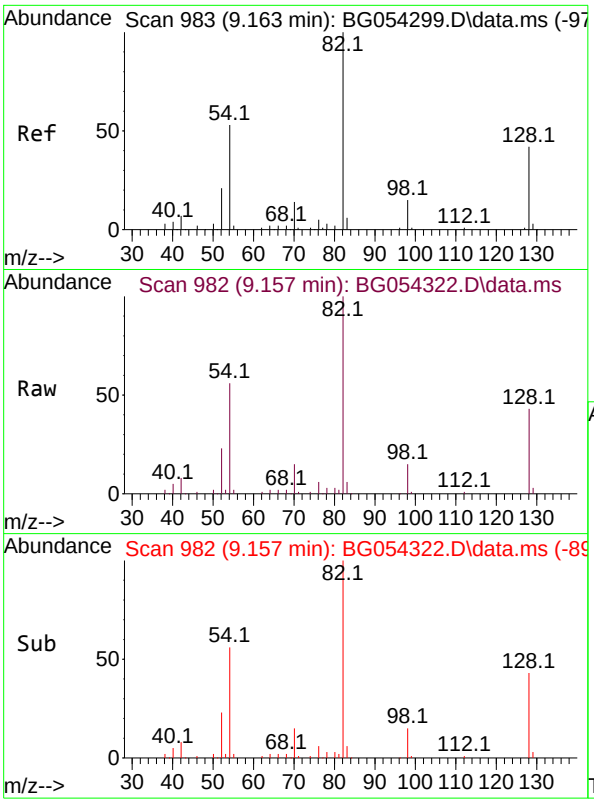


#22
Acetophenone
Concen: 41.546 ng
RT: 8.816 min Scan# 924
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:105 Resp: 61913

Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.1	1.7#
51	30.7	25.4	38.0
120	21.0	17.3	25.9



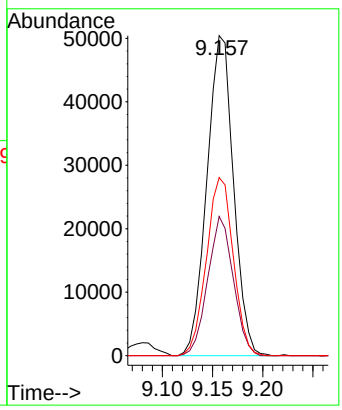


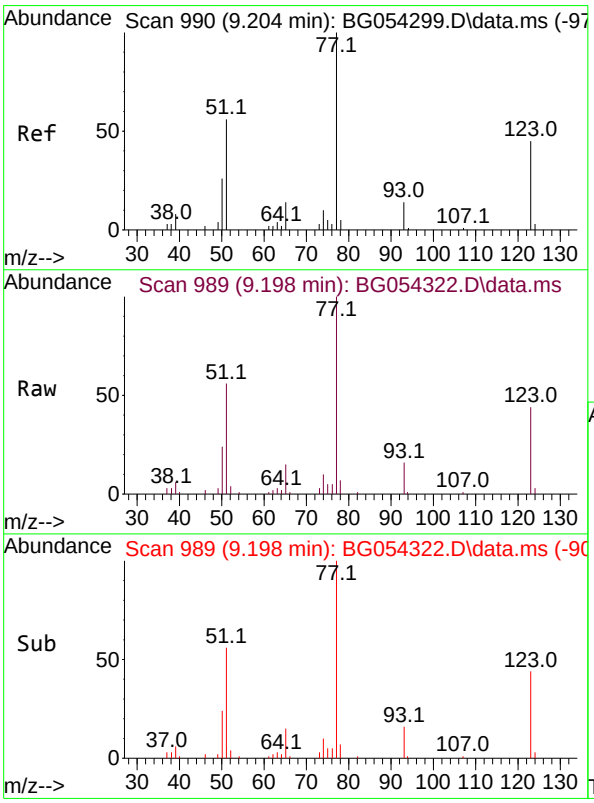
#23
Nitrobenzene-d5
Concen: 81.765 ng
RT: 9.157 min Scan# 9
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 93030

Ion	Ratio	Lower	Upper
82	100		
128	43.5	27.9	41.9#
54	55.7	41.2	61.8

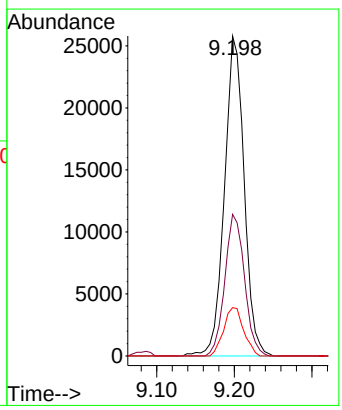


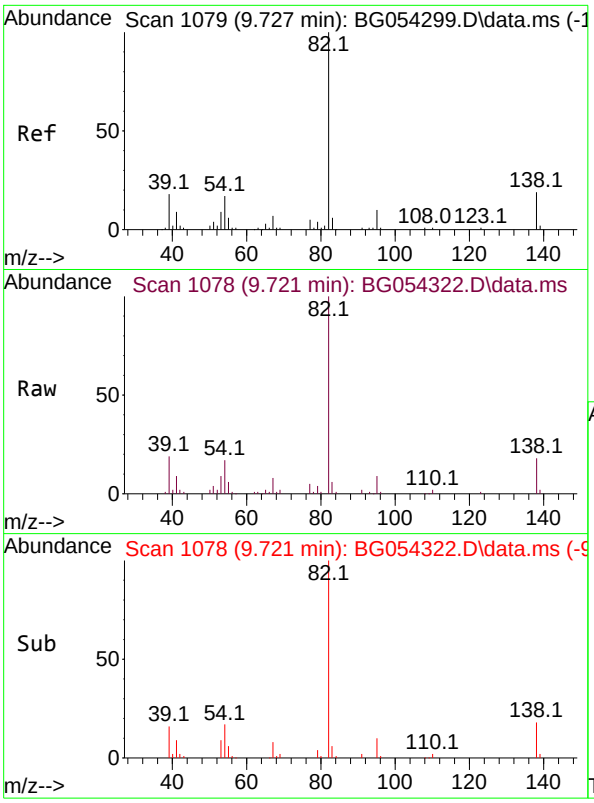


#24
Nitrobenzene
Concen: 40.934 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 77 Resp: 45516

Ion	Ratio	Lower	Upper
77	100		
123	44.3	27.4	41.0#
65	15.1	11.4	17.0



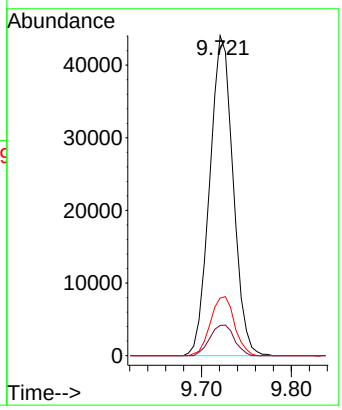


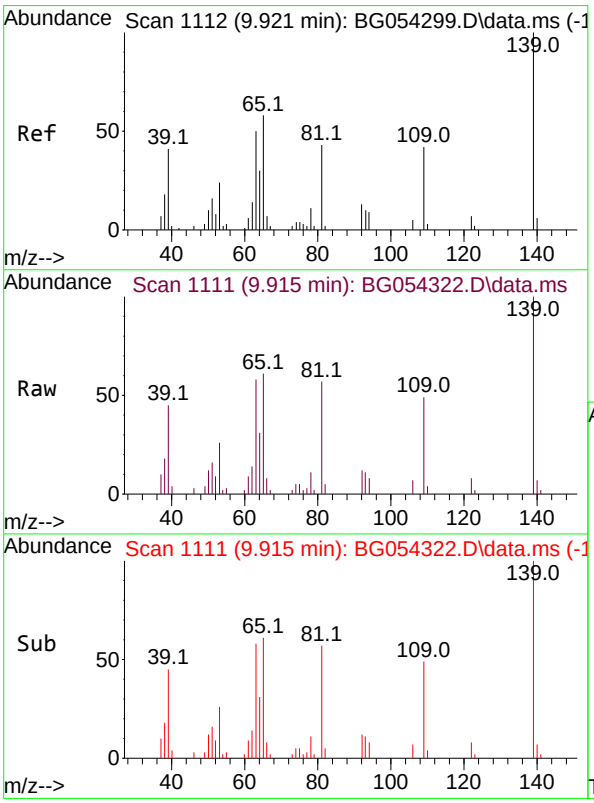
#25
Isophorone
Concen: 40.272 ng
RT: 9.721 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 79689

Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.2	9.4#
138	18.0	11.6	17.4#

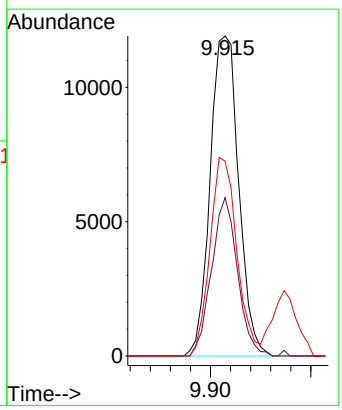


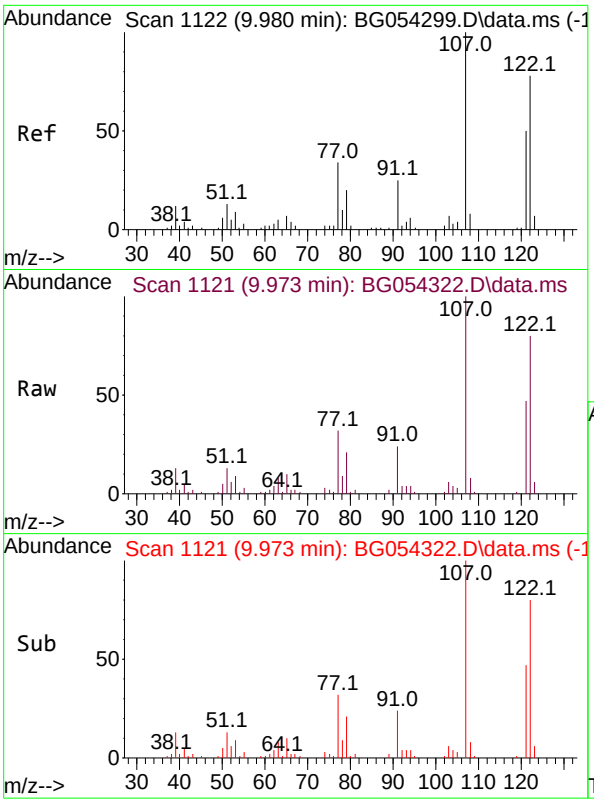


#26
2-Nitrophenol
Concen: 41.839 ng
RT: 9.915 min Scan# 1111
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:139 Resp: 23450

Ion	Ratio	Lower	Upper
139	100		
109	49.4	36.1	54.1
65	60.9	55.8	83.6



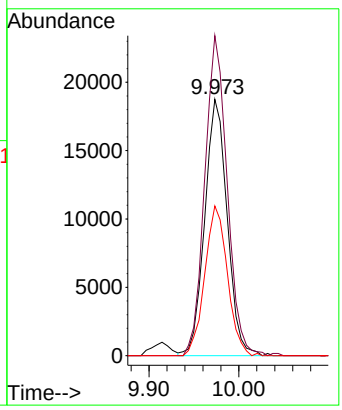


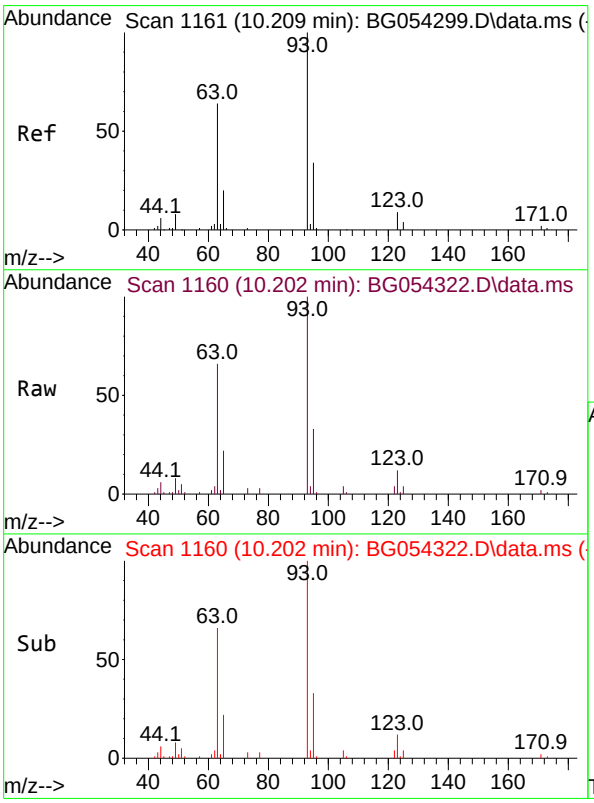
#27
2,4-Dimethylphenol
Concen: 42.108 ng
RT: 9.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 32603

Ion	Ratio	Lower	Upper
122	100		
107	124.8	109.4	164.0
121	58.4	48.7	73.1

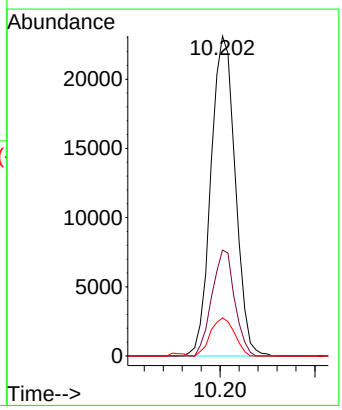


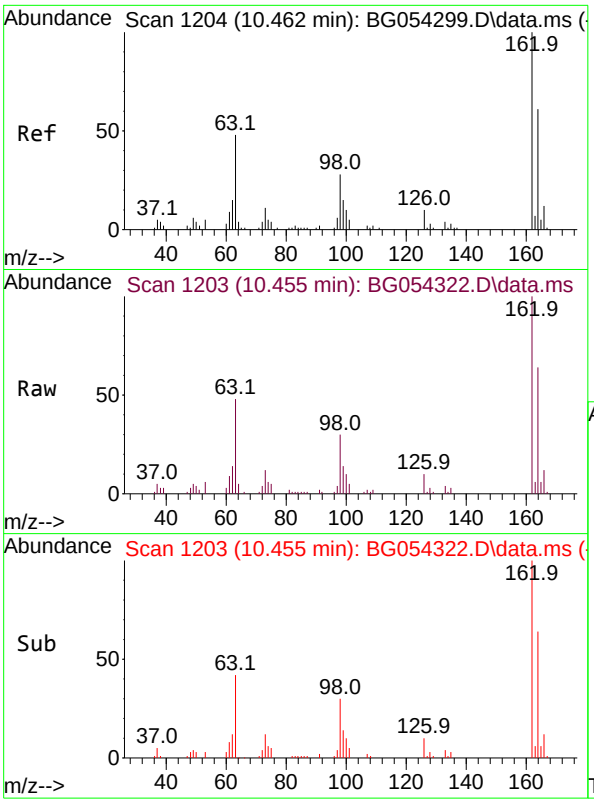


#28
bis(2-Chloroethoxy)methane
Concen: 41.263 ng
RT: 10.202 min Scan# 1160
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 93 Resp: 41181

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.9	40.3
123	11.9	7.7	11.5#



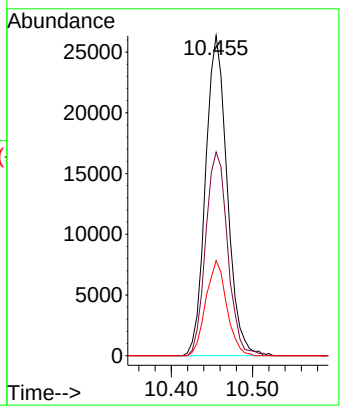


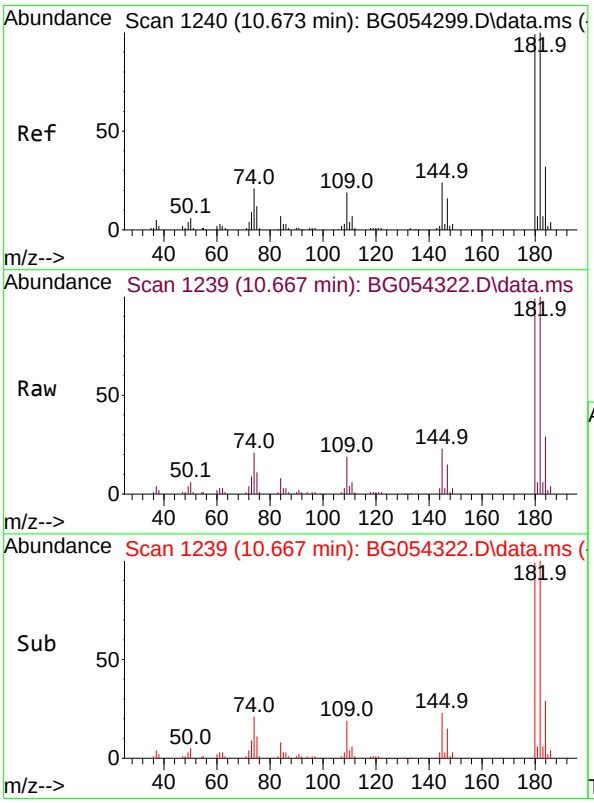
#29
2,4-Dichlorophenol
Concen: 41.688 ng
RT: 10.455 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 48720

Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.6	86.6
98	29.7	22.8	62.8

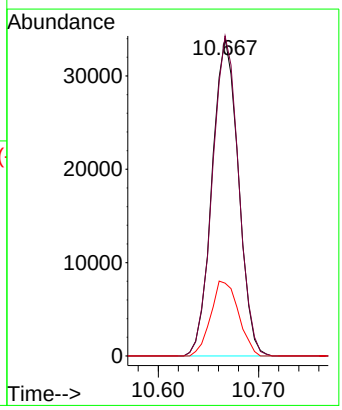


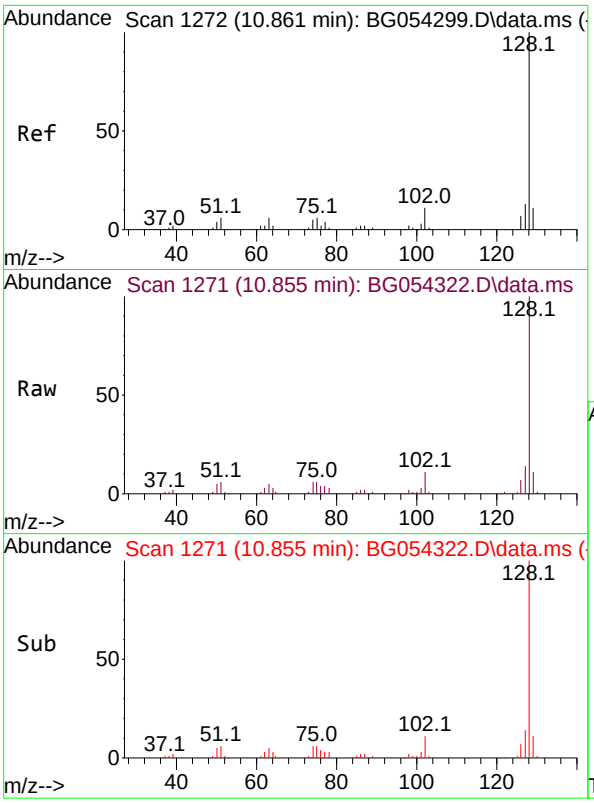


#30
1,2,4-Trichlorobenzene
Concen: 42.740 ng
RT: 10.667 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:180 Resp: 61862

Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.6	115.0
145	22.9	25.0	37.4#



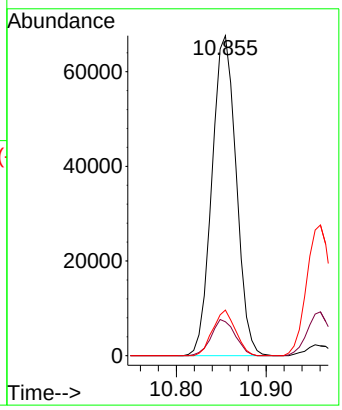


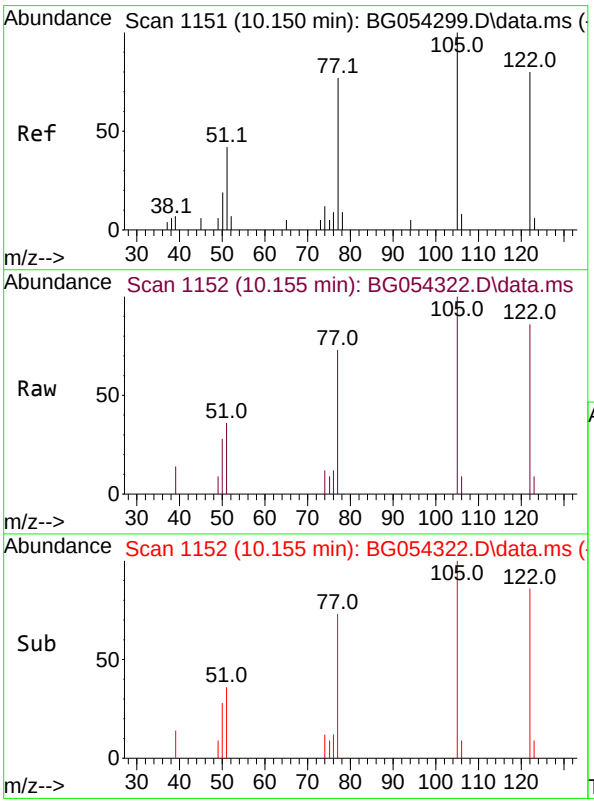
#31
Naphthalene
Concen: 40.744 ng
RT: 10.855 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 126725

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	14.3	11.1	16.7

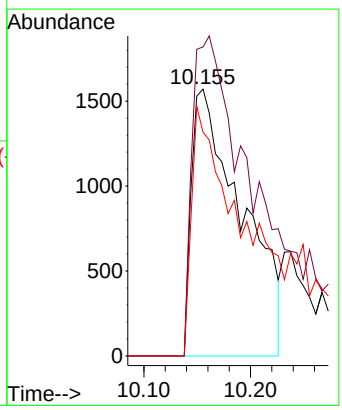


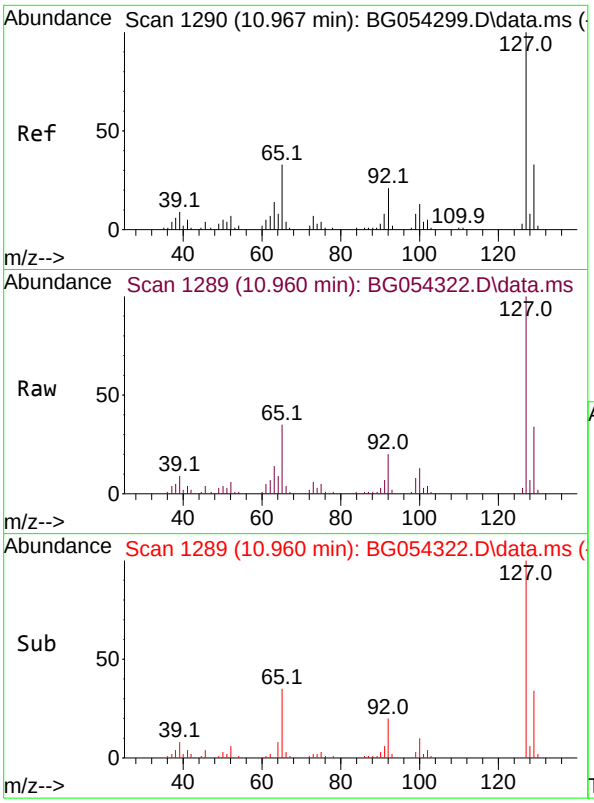


#32
Benzoic acid
Concen: 21.779 ng
RT: 10.155 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:122 Resp: 5161

Ion	Ratio	Lower	Upper
122	100		
105	115.8	111.8	151.8
77	84.0	109.4	149.4#



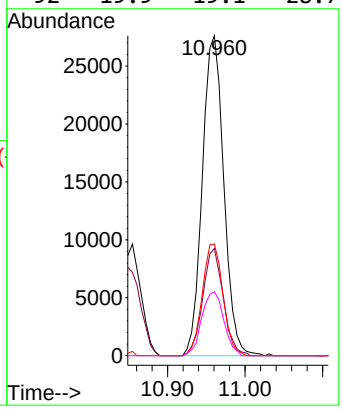


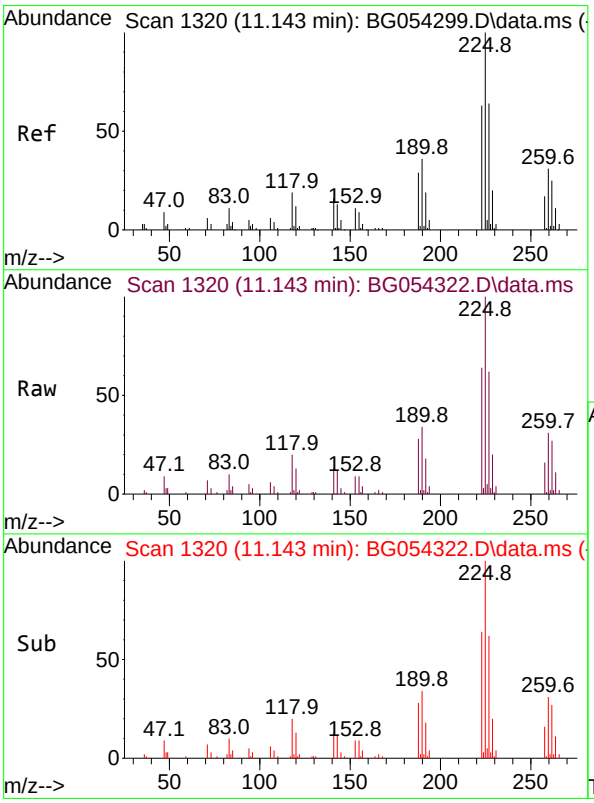
#33
4-Chloroaniline
Concen: 41.968 ng
RT: 10.960 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 53082

Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	34.9	31.1	46.7
92	19.9	19.1	28.7

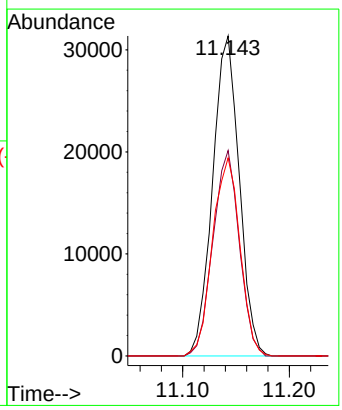


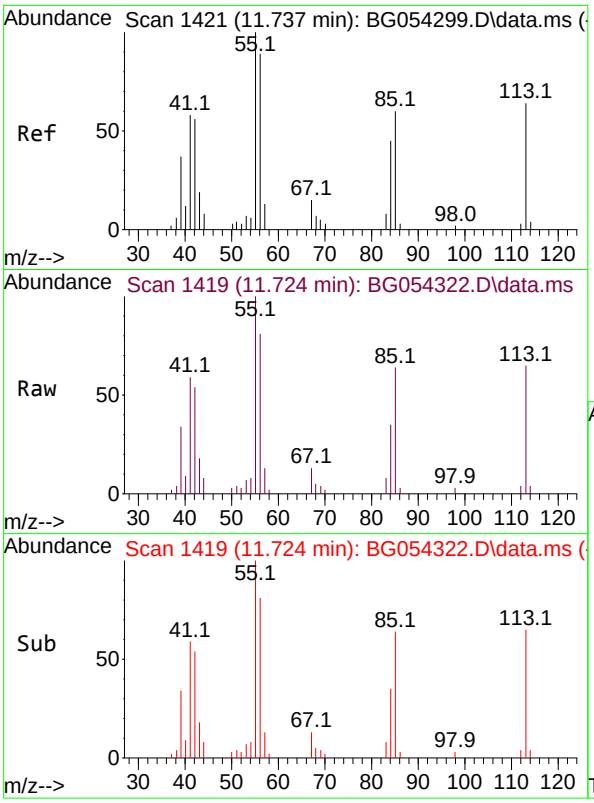


#34
Hexachlorobutadiene
Concen: 42.478 ng
RT: 11.143 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:225 Resp: 54336

Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.9	73.3
227	61.9	52.8	79.2



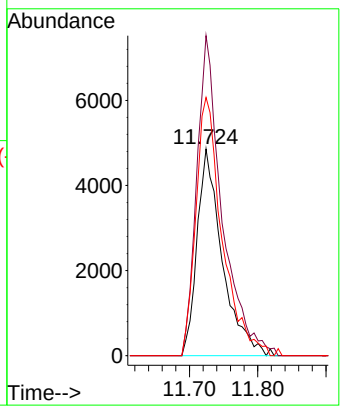


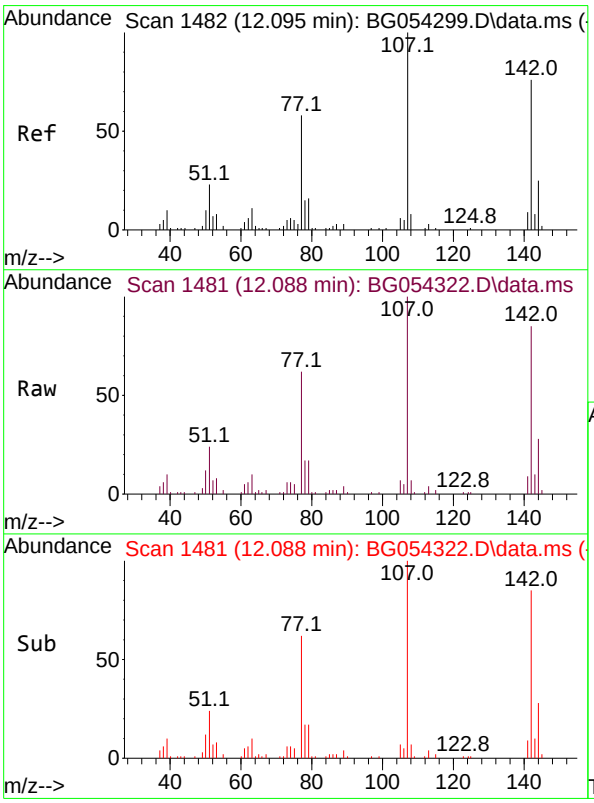
#35
Caprolactam
Concen: 42.332 ng
RT: 11.724 min Scan# 14
Delta R.T. -0.012 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 12457

Ion	Ratio	Lower	Upper
113	100		
55	154.7	169.8	209.8#
56	124.9	141.2	181.2#

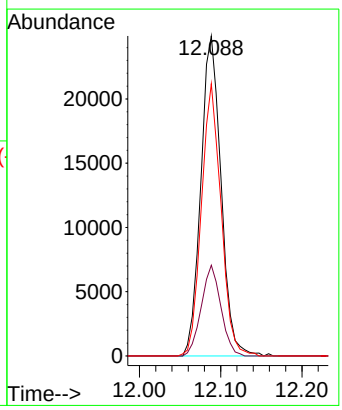


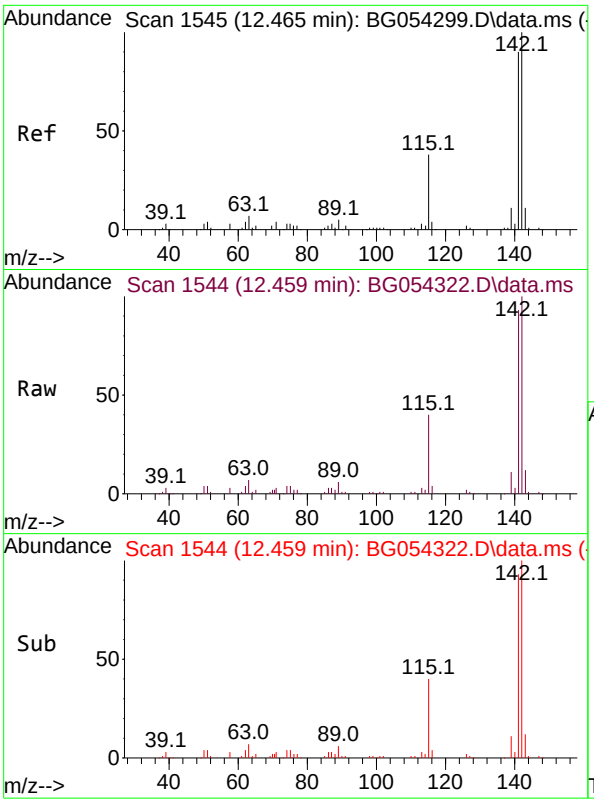


#36
4-Chloro-3-methylphenol
Concen: 40.451 ng
RT: 12.088 min Scan# 1481
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:107 Resp: 43008

Ion	Ratio	Lower	Upper
107	100		
144	28.3	18.5	27.7#
142	85.1	55.0	82.4#



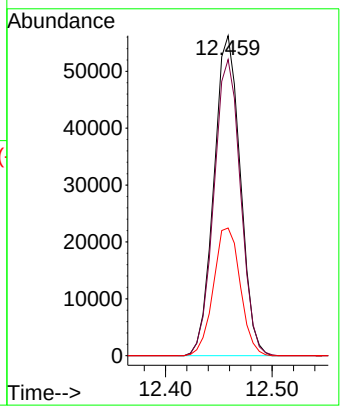


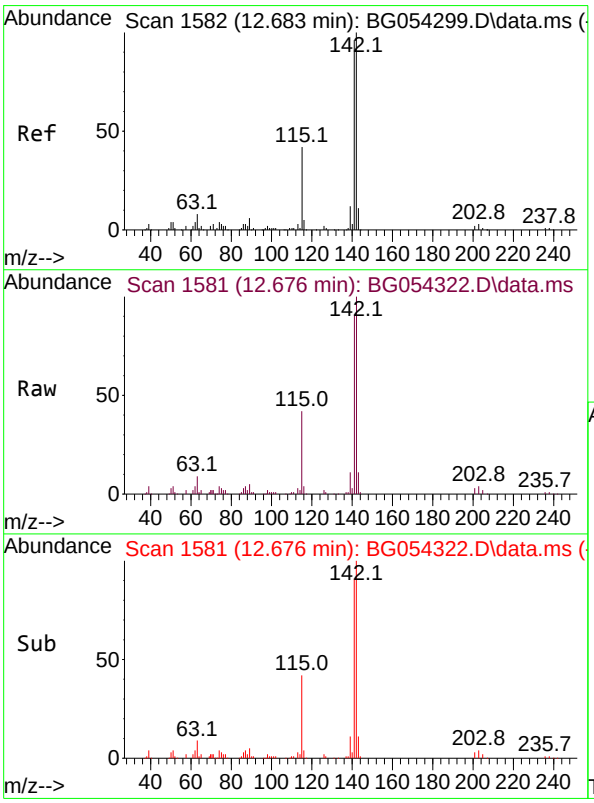
#37
2-Methylnaphthalene
Concen: 40.462 ng
RT: 12.459 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 96644

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
115	39.9	33.7	50.5

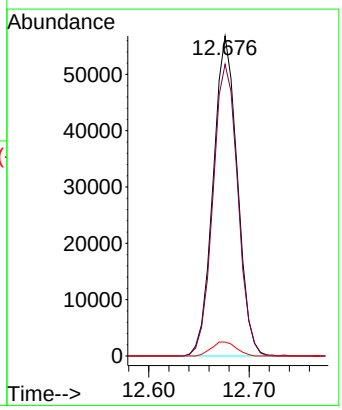


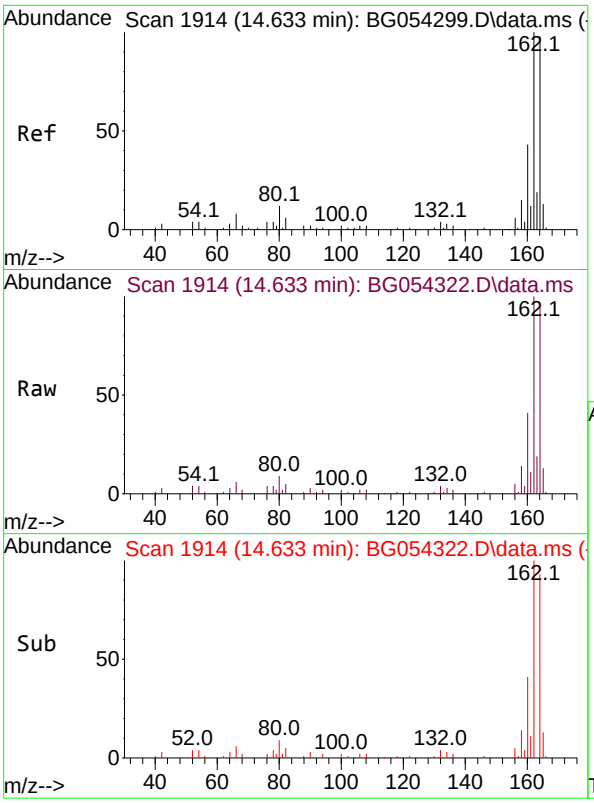


#38
1-Methylnaphthalene
Concen: 40.795 ng
RT: 12.676 min Scan# 1581
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:142 Resp: 94945

Ion	Ratio	Lower	Upper
142	100		
141	91.1	76.4	114.6
116	4.3	3.3	4.9



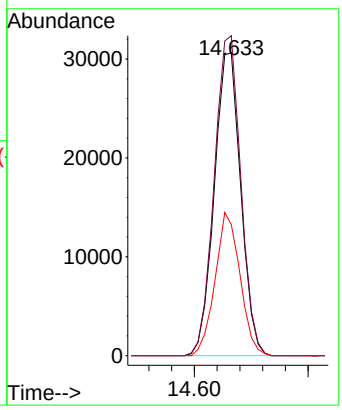


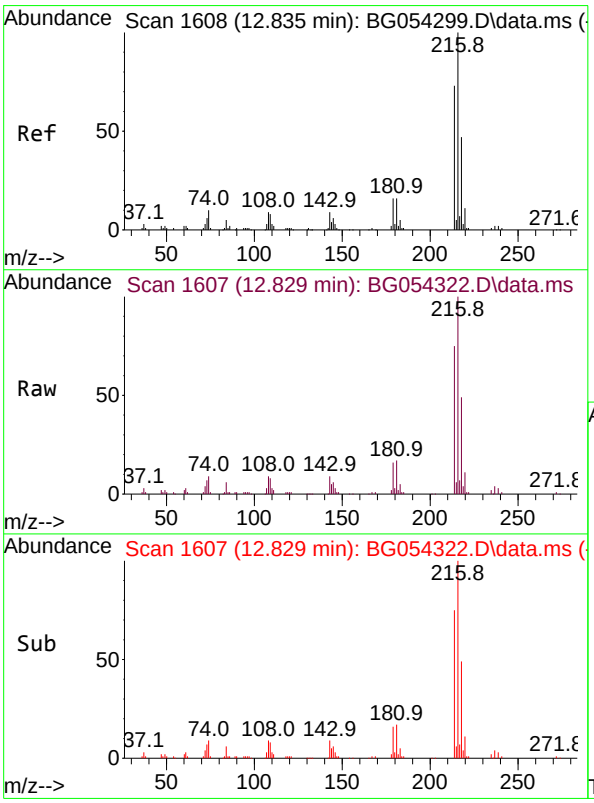
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 49514

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.3	123.5
160	43.3	34.2	51.2

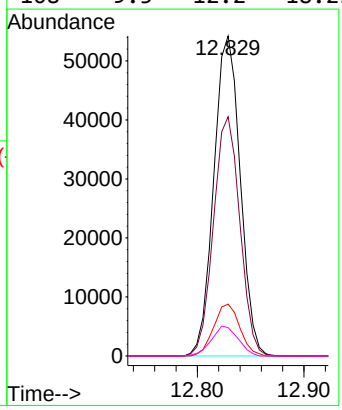


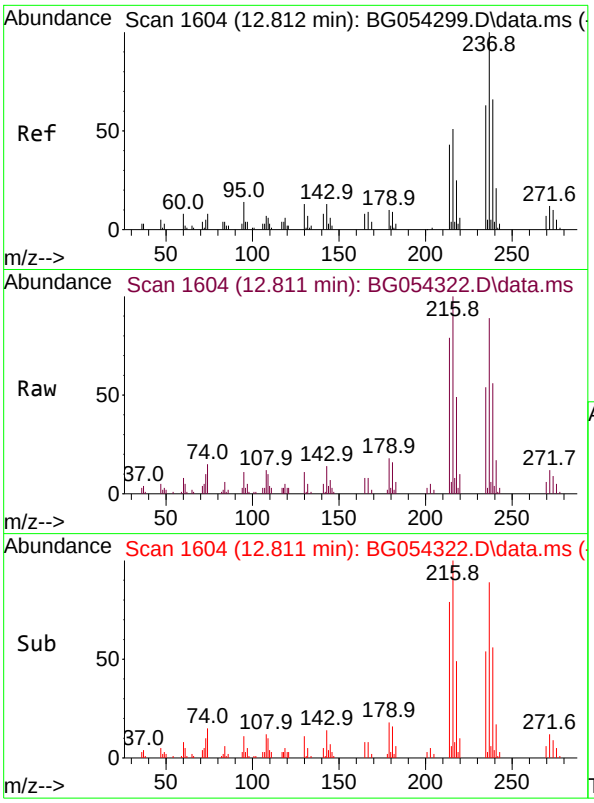


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.910 ng
RT: 12.829 min Scan# 1607
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:216 Resp: 93084

Ion	Ratio	Lower	Upper
216	100		
214	74.5	62.9	94.3
179	16.0	16.1	24.1#
108	9.5	12.2	18.2#



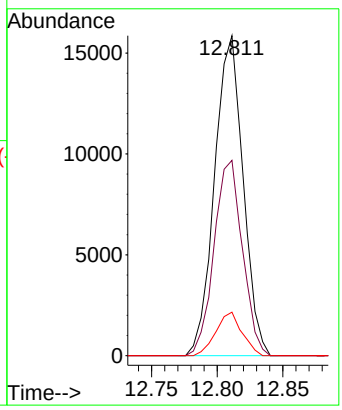


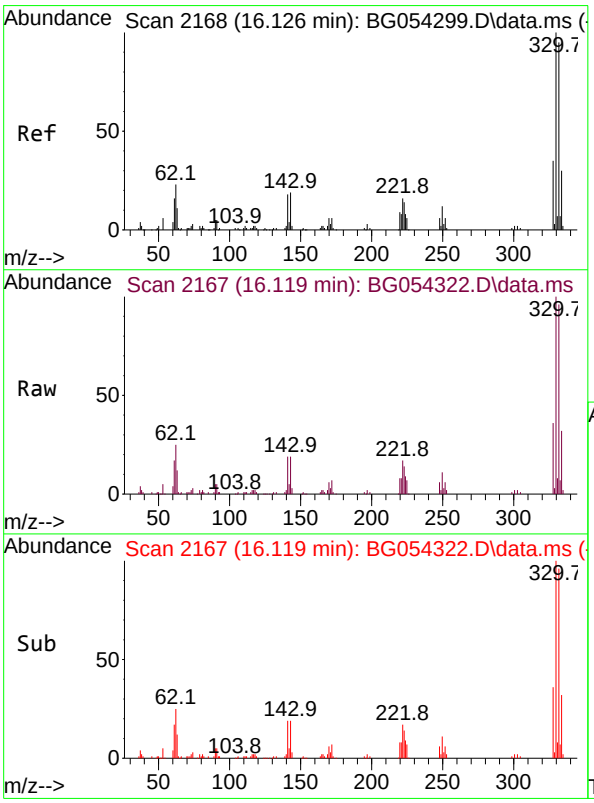
#41
Hexachlorocyclopentadiene
Concen: 38.896 ng
RT: 12.811 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 23961

Ion	Ratio	Lower	Upper
237	100		
235	61.1	43.5	83.5
272	13.6	0.0	30.1

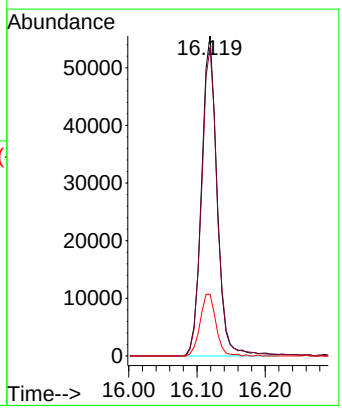


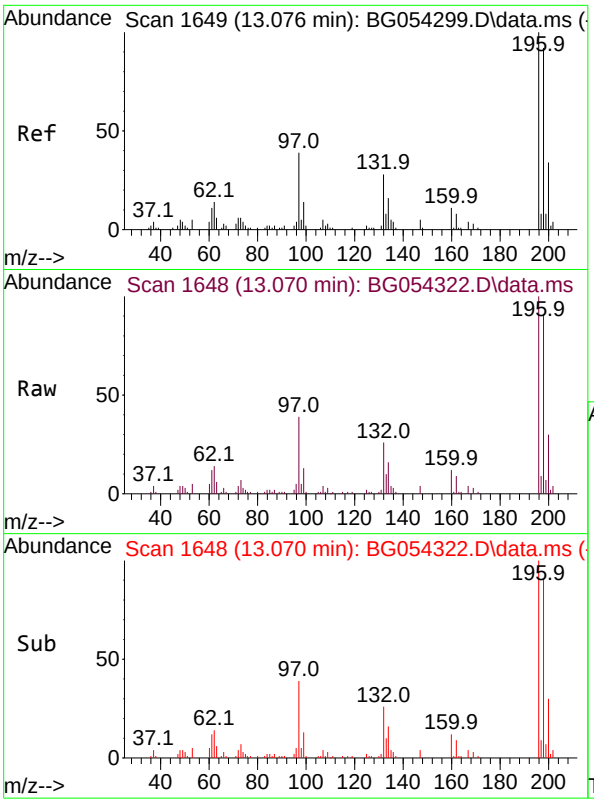


#42
2,4,6-Tribromophenol
Concen: 84.655 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:330 Resp: 88008

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.0	114.0
141	19.7	27.1	40.7#



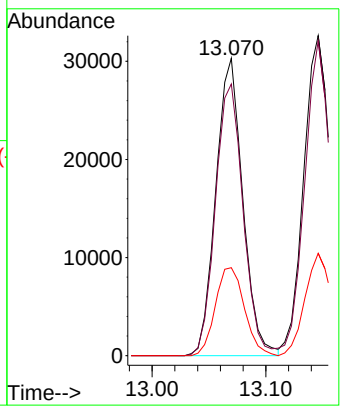


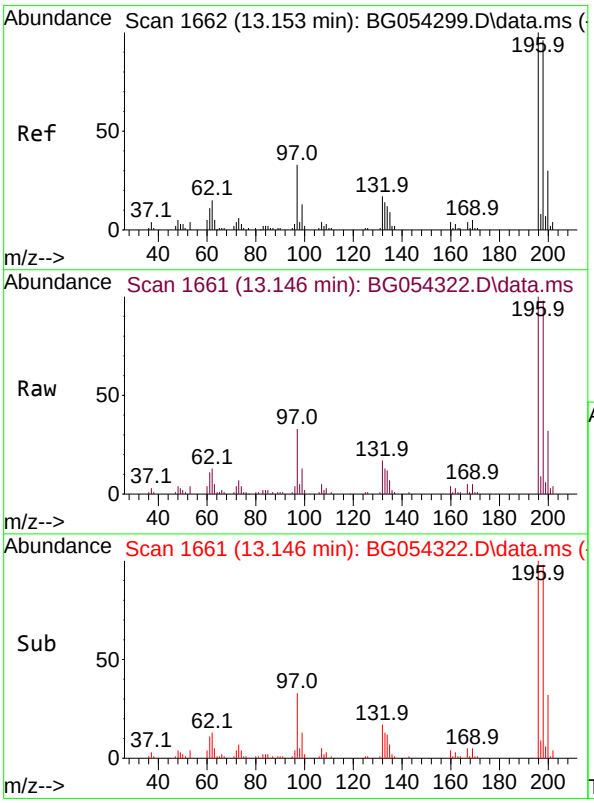
#43
2,4,6-Trichlorophenol
Concen: 42.328 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 49996

Ion	Ratio	Lower	Upper
196	100		
198	91.3	74.1	111.1
200	29.6	24.7	37.1

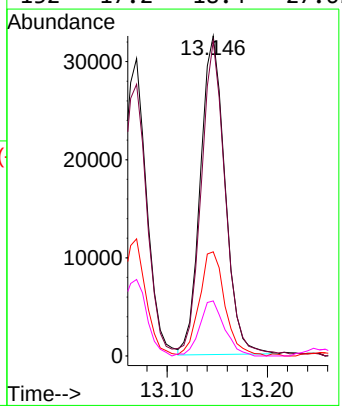


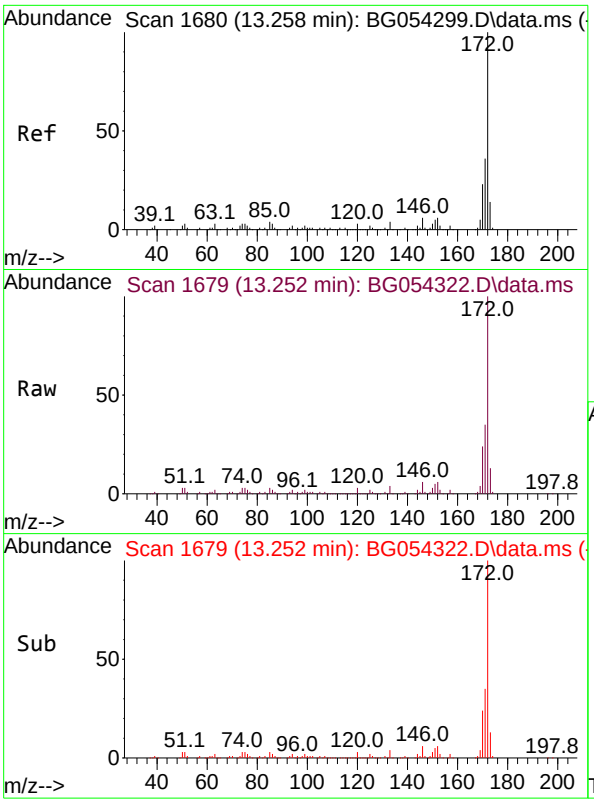


#44
2,4,5-Trichlorophenol
Concen: 41.510 ng
RT: 13.146 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:196 Resp: 55398

Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.8	115.2
97	32.6	39.8	59.6#
132	17.2	18.4	27.6#



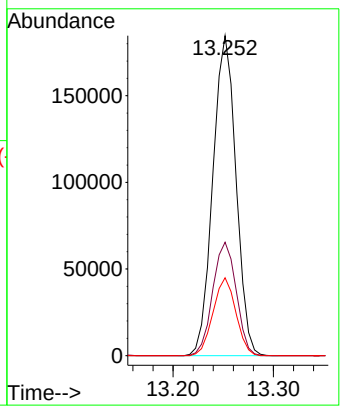


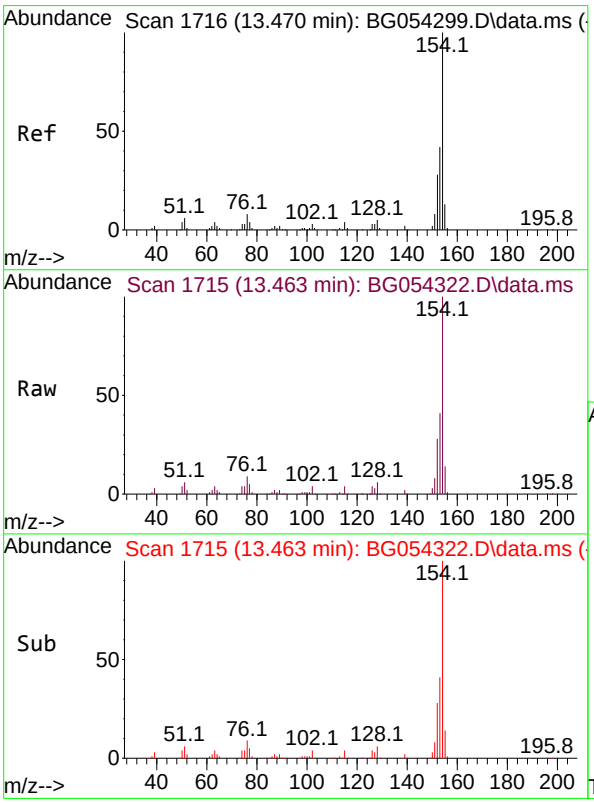
#45
2-Fluorobiphenyl
Concen: 84.211 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 295572

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.3	18.9	28.3

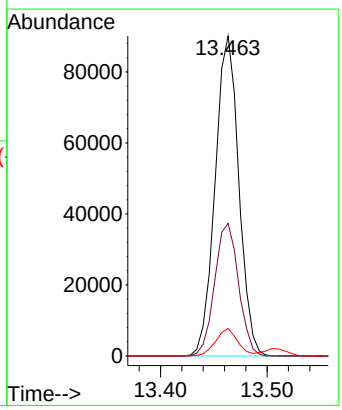


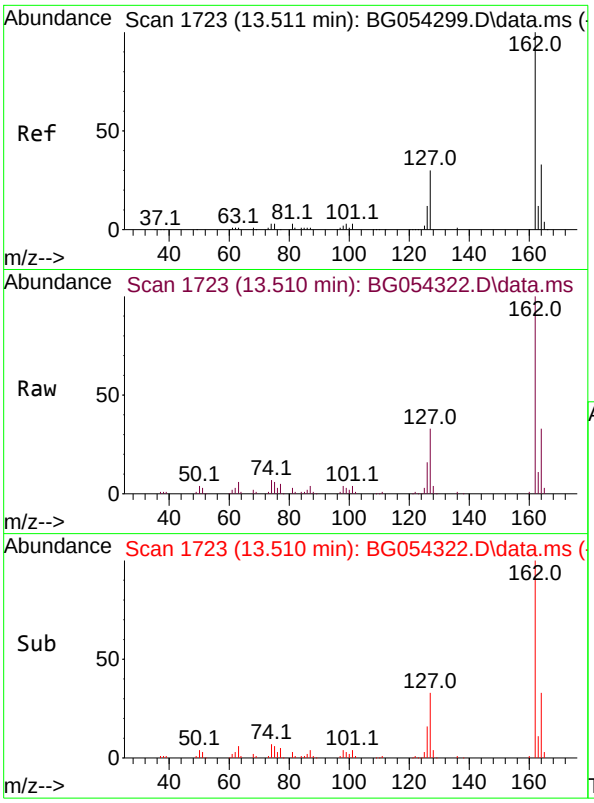


#46
1,1'-Biphenyl
Concen: 41.005 ng
RT: 13.463 min Scan# 1715
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:154 Resp: 138900

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.6	61.6
76	8.6	0.0	32.6



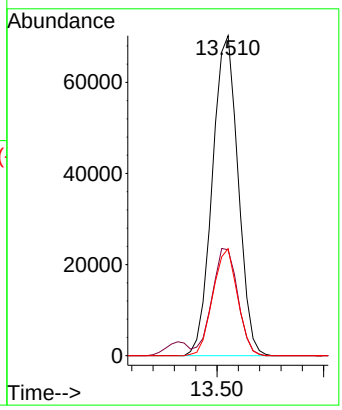


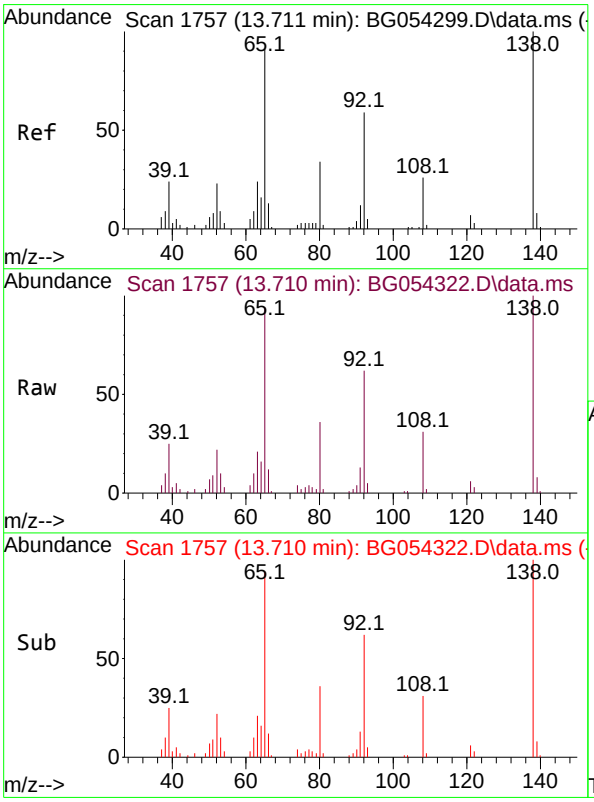
#47
2-Chloronaphthalene
Concen: 41.467 ng
RT: 13.510 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 117552

Ion	Ratio	Lower	Upper
162	100		
127	33.1	30.6	45.8
164	33.4	26.5	39.7

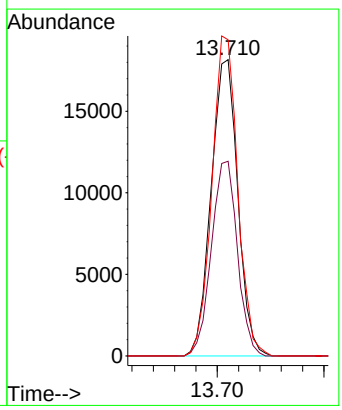


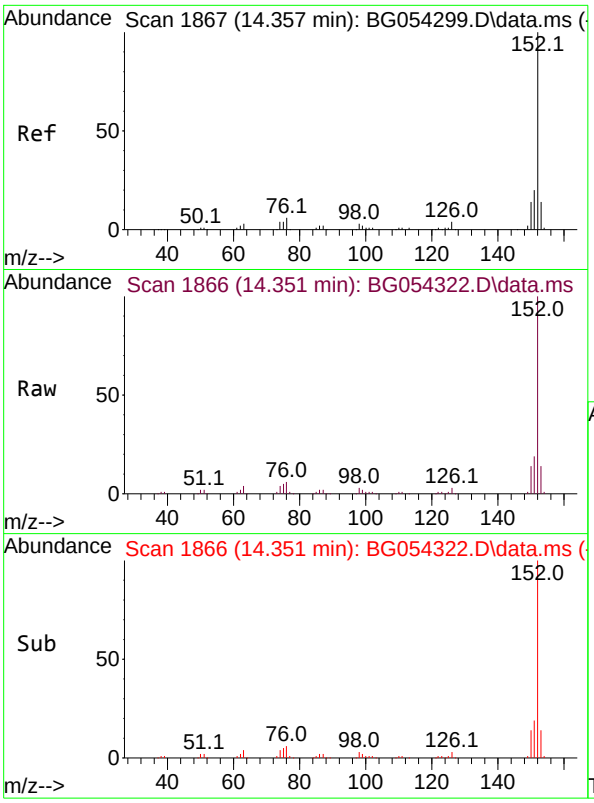


#48
2-Nitroaniline
Concen: 42.566 ng
RT: 13.710 min Scan# 1757
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion: 65 Resp: 31492

Ion	Ratio	Lower	Upper
65	100		
92	65.7	51.5	77.3
138	106.7	71.3	106.9



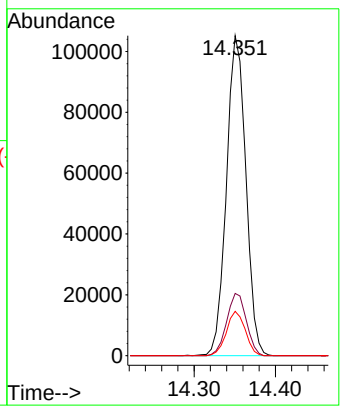


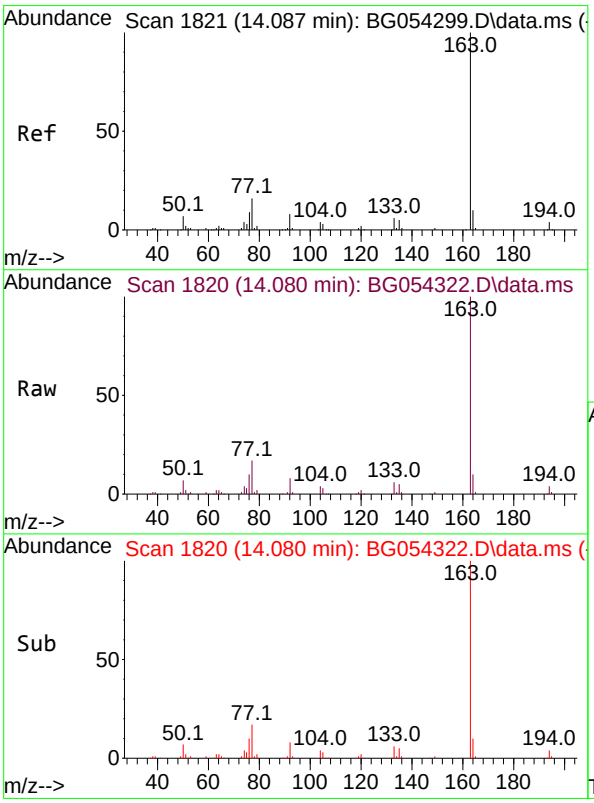
#49
Acenaphthylene
Concen: 41.388 ng
RT: 14.351 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 174341

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.4	24.6
153	13.9	10.8	16.2

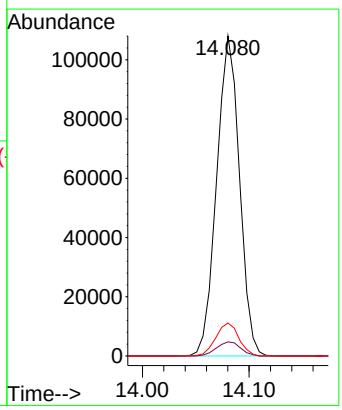


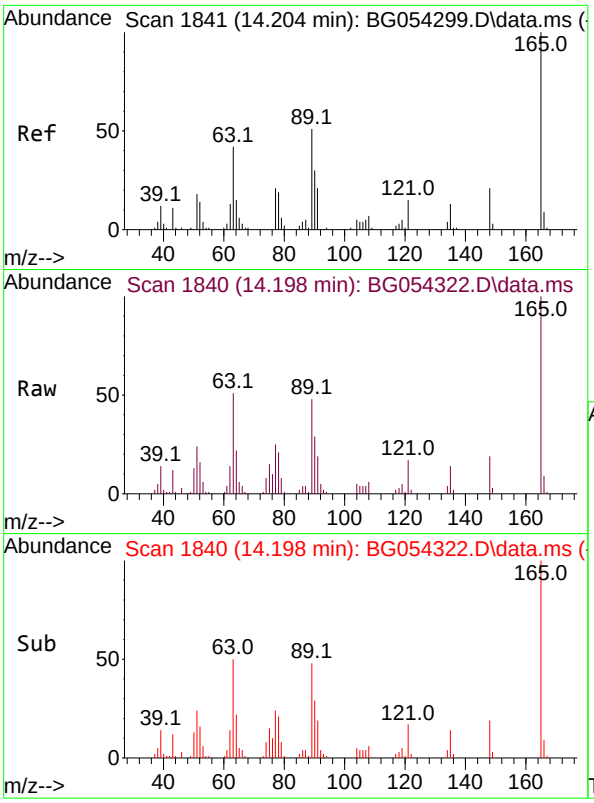


#50
Dimethylphthalate
Concen: 41.496 ng
RT: 14.080 min Scan# 1820
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:163 Resp: 160488

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.3	8.0	12.0



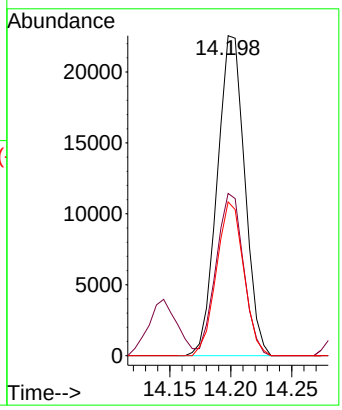


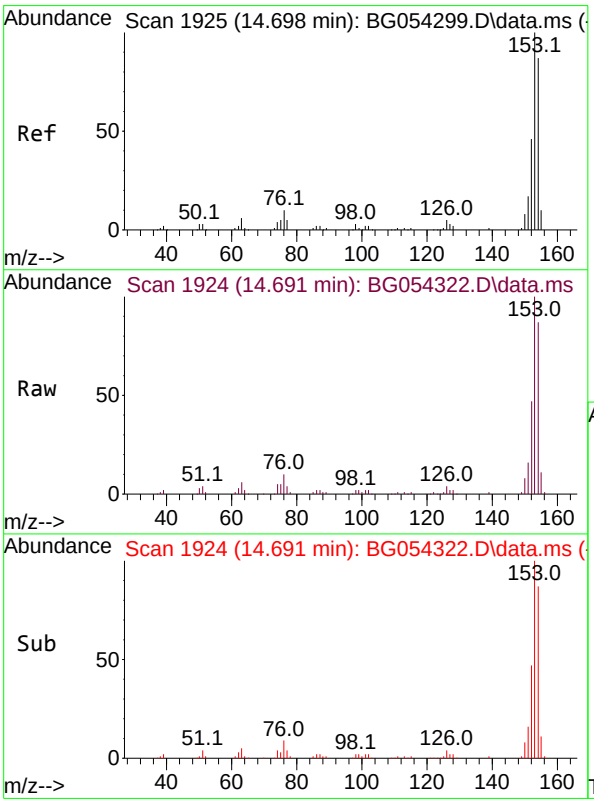
#51
2,6-Dinitrotoluene
Concen: 41.926 ng
RT: 14.198 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 35566

Ion	Ratio	Lower	Upper
165	100		
63	50.7	54.1	81.1#
89	48.0	54.8	82.2#

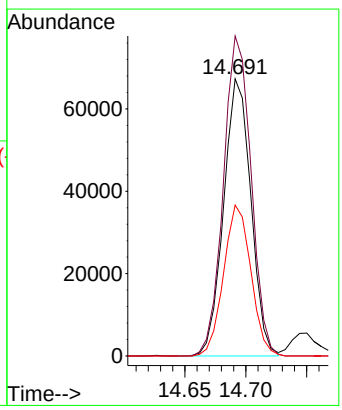


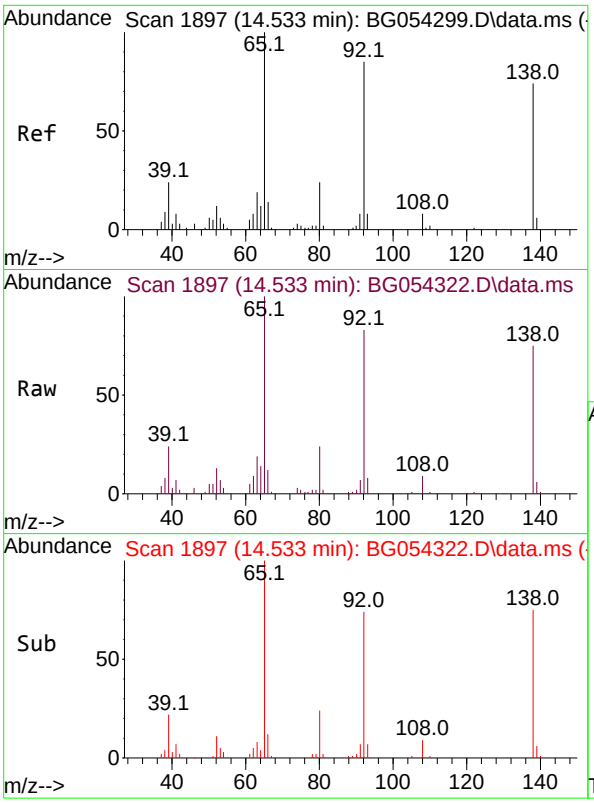


#52
Acenaphthene
Concen: 41.133 ng
RT: 14.691 min Scan# 1924
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:154 Resp: 104921

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.7	139.1
152	54.5	42.6	64.0



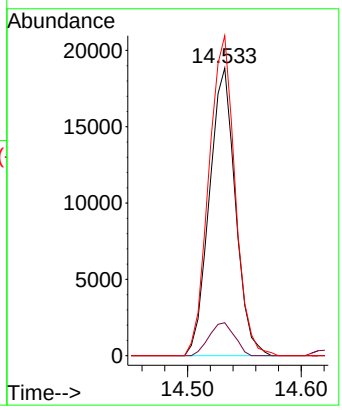


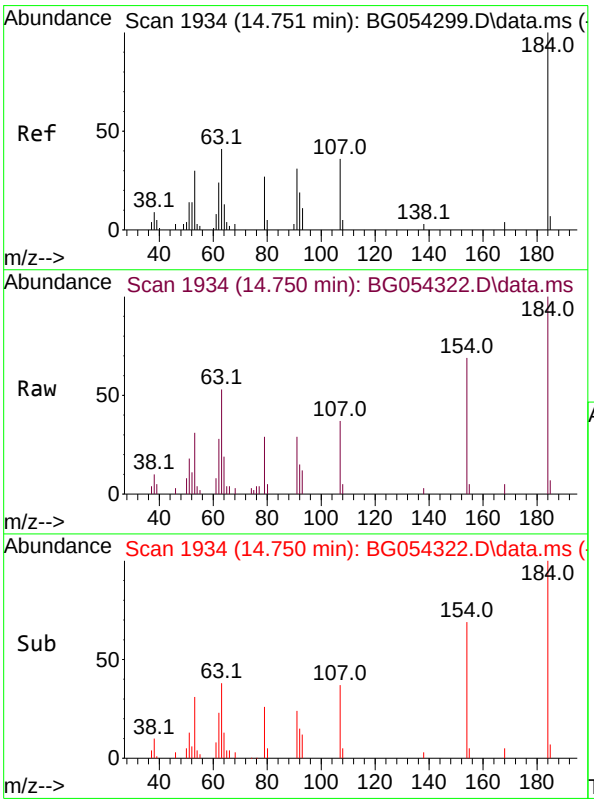
#53
3-Nitroaniline
Concen: 42.209 ng
RT: 14.533 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 29946

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.2	13.8
92	111.2	101.9	152.9

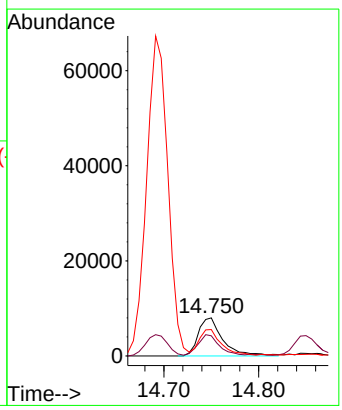


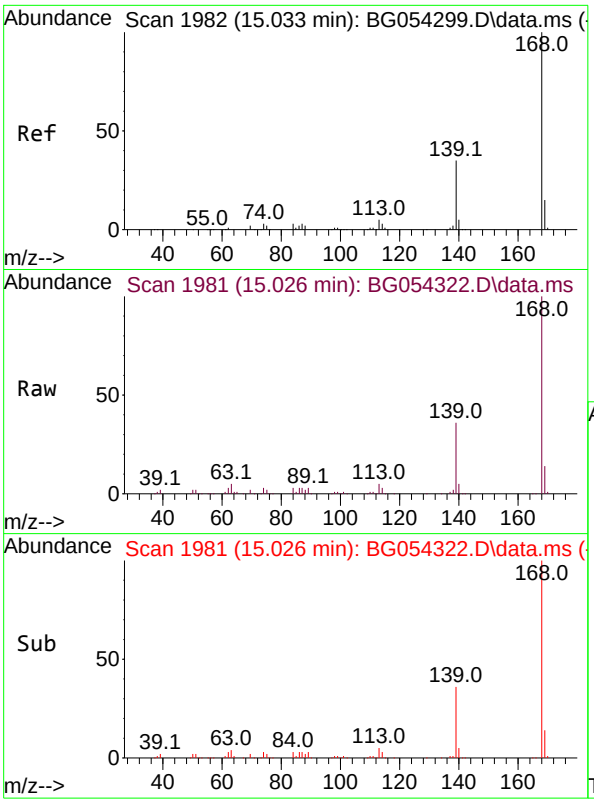


#54
2,4-Dinitrophenol
Concen: 33.559 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:184 Resp: 14468

Ion	Ratio	Lower	Upper
184	100		
63	53.0	61.1	91.7#
154	69.4	60.6	91.0



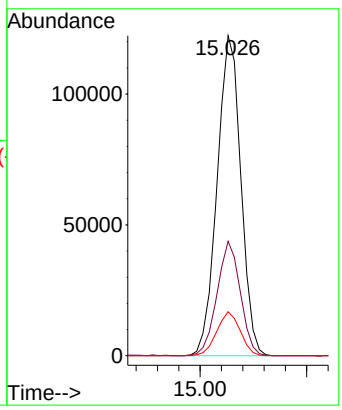


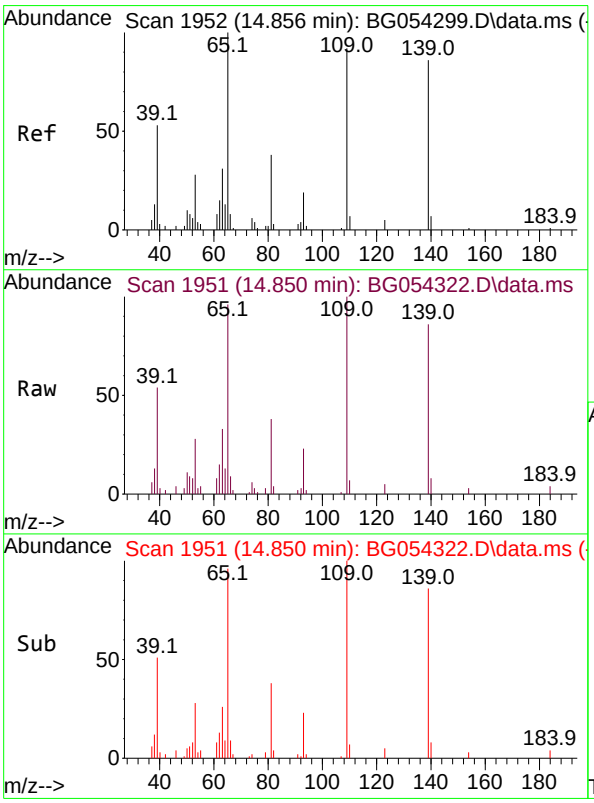
#55
Dibenzofuran
Concen: 41.556 ng
RT: 15.026 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 188603

Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.5	45.7
169	13.8	10.3	15.5

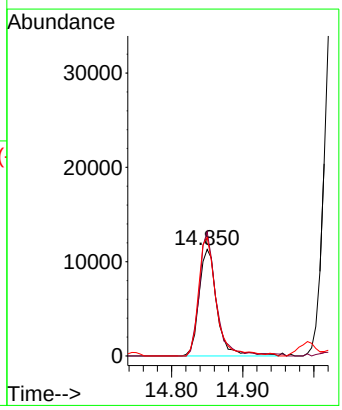


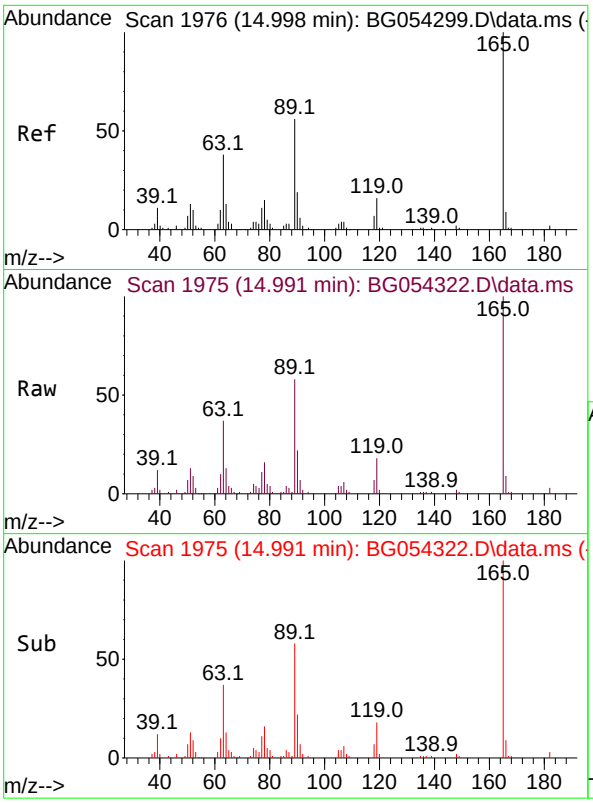


#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.850 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:139 Resp: 19986

Ion	Ratio	Lower	Upper
139	100		
109	116.5	88.5	128.5
65	111.4	93.9	133.9



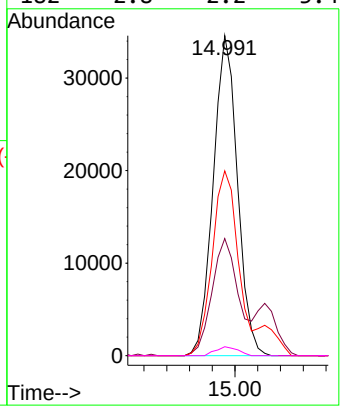


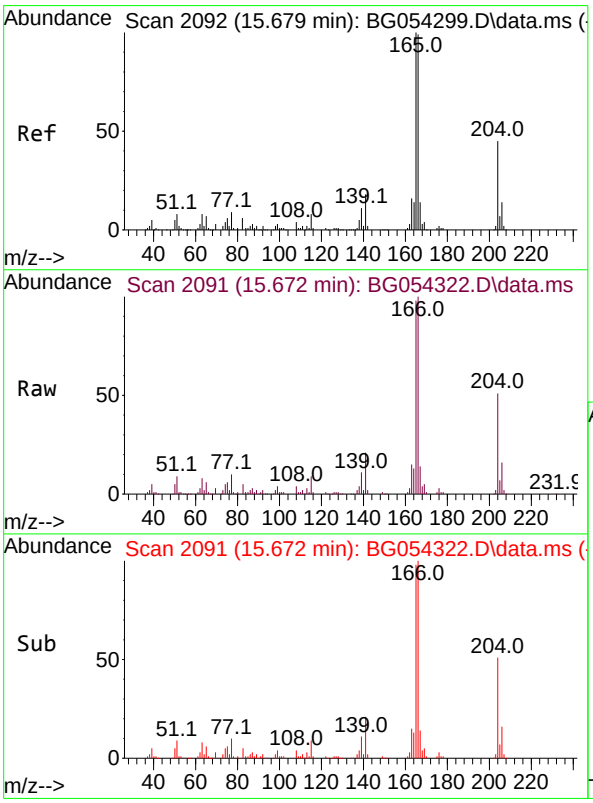
#57
2,4-Dinitrotoluene
Concen: 42.112 ng
RT: 14.991 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 51213

Ion	Ratio	Lower	Upper
165	100		
63	36.6	34.6	52.0
89	57.7	60.3	90.5#
182	2.8	2.2	3.4

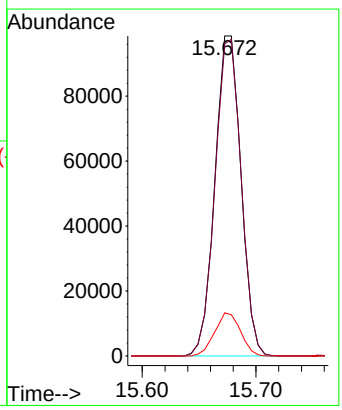


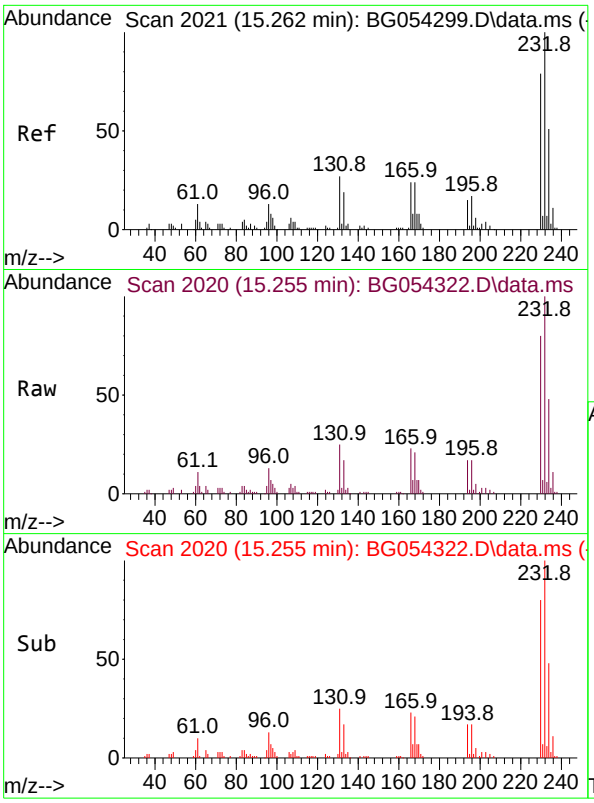


#58
Fluorene
Concen: 42.111 ng
RT: 15.672 min Scan# 2091
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:166 Resp: 157138

Ion	Ratio	Lower	Upper
166	100		
165	97.5	75.0	112.6
167	13.5	10.8	16.2



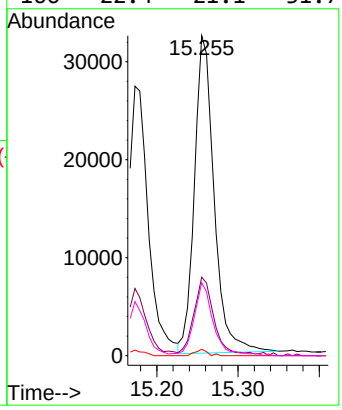


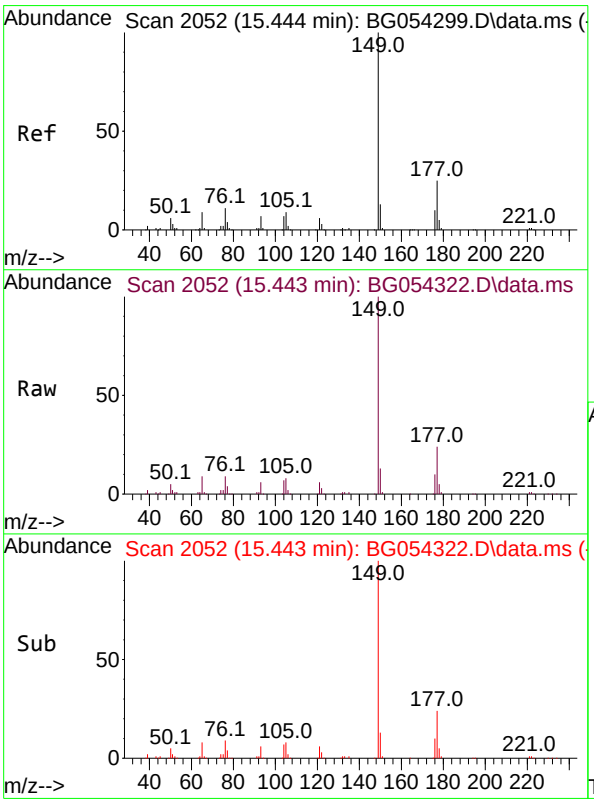
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.101 ng
RT: 15.255 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 54703

Ion	Ratio	Lower	Upper
232	100		
131	23.8	30.6	46.0#
130	1.2	1.8	2.8#
166	22.4	21.1	31.7

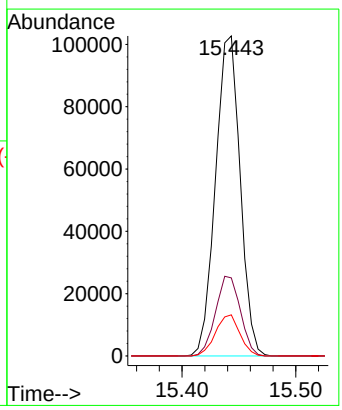


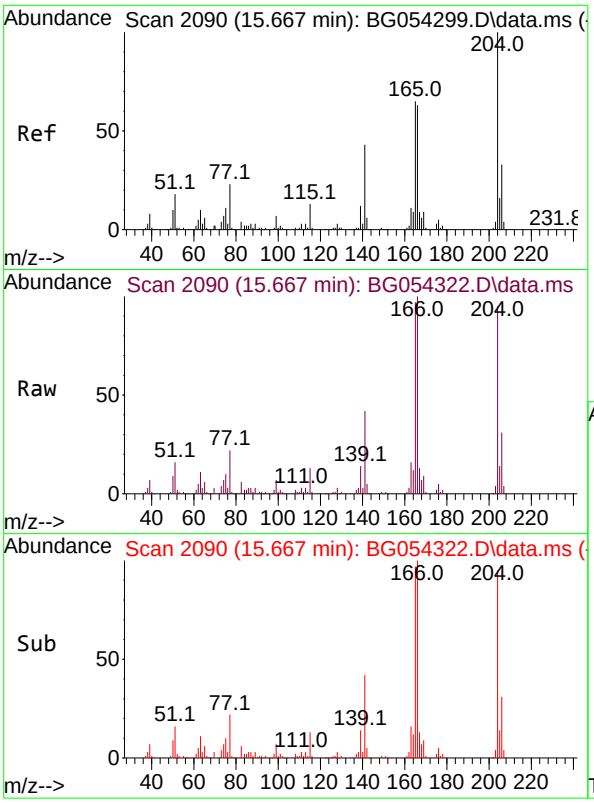


#60
Diethylphthalate
Concen: 41.691 ng
RT: 15.443 min Scan# 2052
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:149 Resp: 154683

Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.4	27.6
150	12.8	11.2	16.8



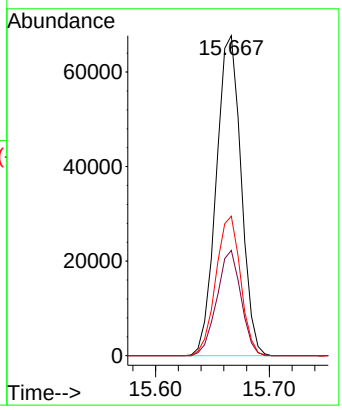


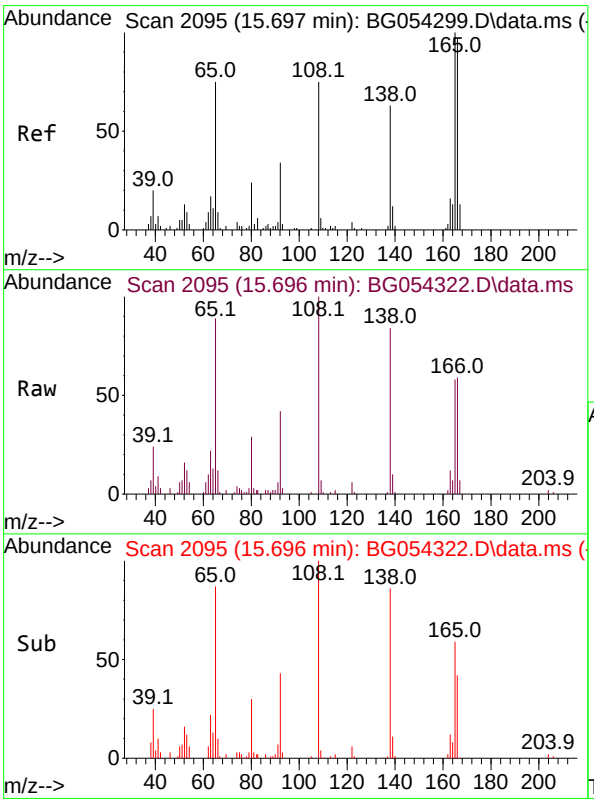
#61
4-Chlorophenyl-phenylether
Concen: 41.954 ng
RT: 15.667 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 102764

Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.5	41.3
141	43.6	45.3	67.9#

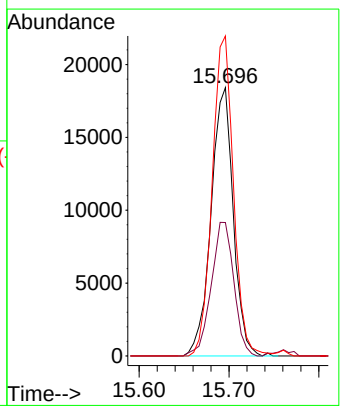


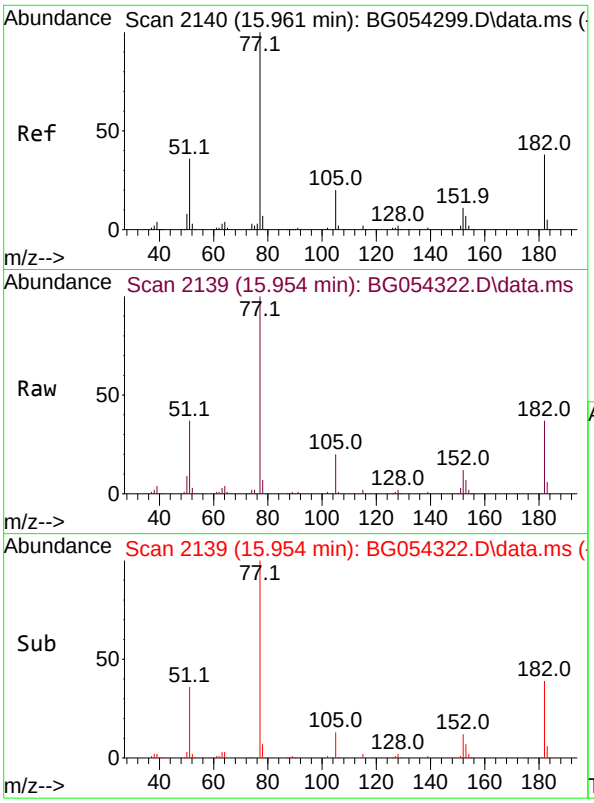


#62
4-Nitroaniline
Concen: 42.510 ng
RT: 15.696 min Scan# 2095
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:138 Resp: 31686

Ion	Ratio	Lower	Upper
138	100		
92	49.7	40.5	80.5
108	119.2	103.7	143.7



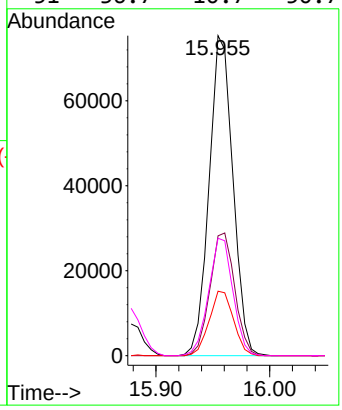


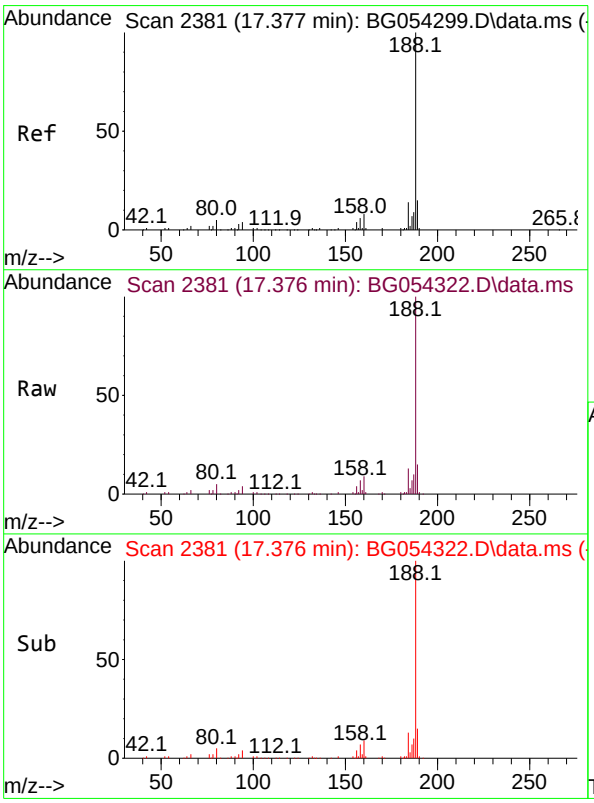
#63
Azobenzene
Concen: 40.968 ng
RT: 15.954 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 109825

Ion	Ratio	Lower	Upper
77	100		
182	37.4	3.8	43.8
105	20.2	0.0	37.8
51	36.7	10.7	50.7

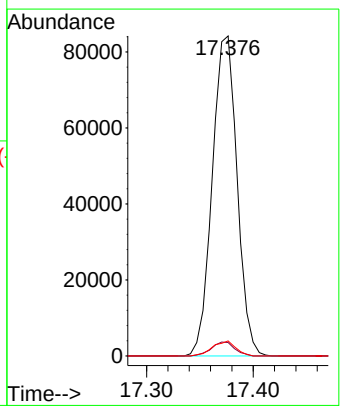


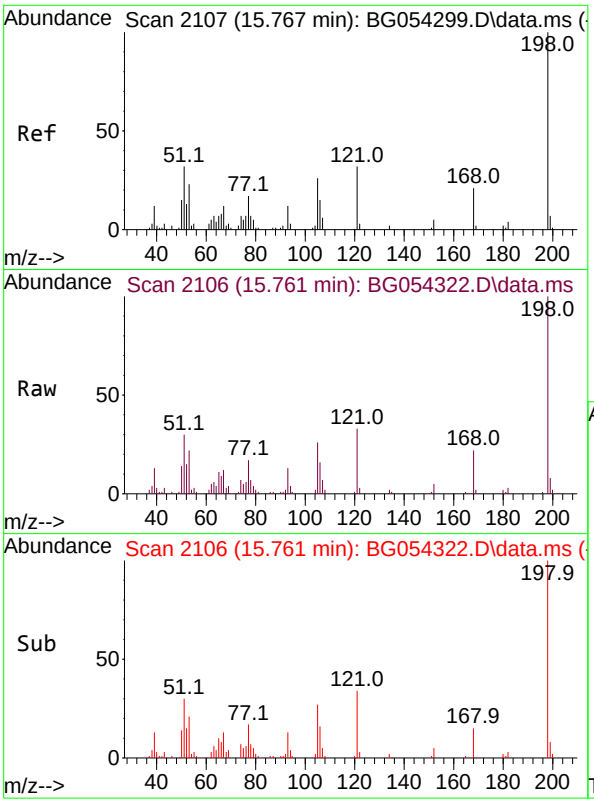


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.376 min Scan# 2381
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:188 Resp: 136125

Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.4	8.0#
80	4.7	6.8	10.2#



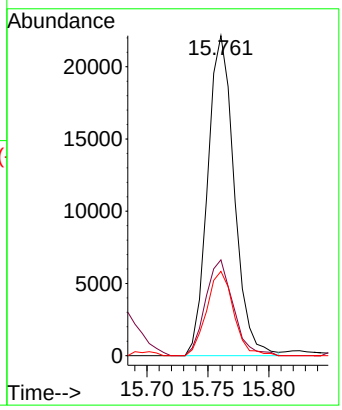


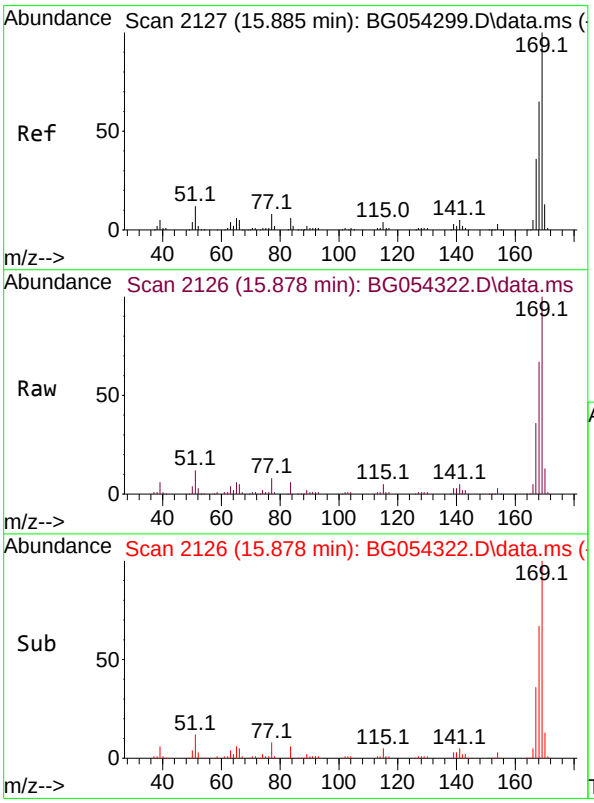
#65
4,6-Dinitro-2-methylphenol
Concen: 39.889 ng
RT: 15.761 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 33546

Ion	Ratio	Lower	Upper
198	100		
51	29.9	28.1	68.1
105	26.4	20.3	60.3

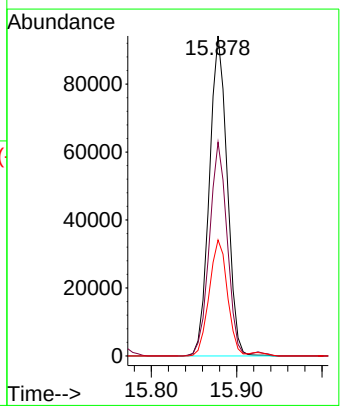


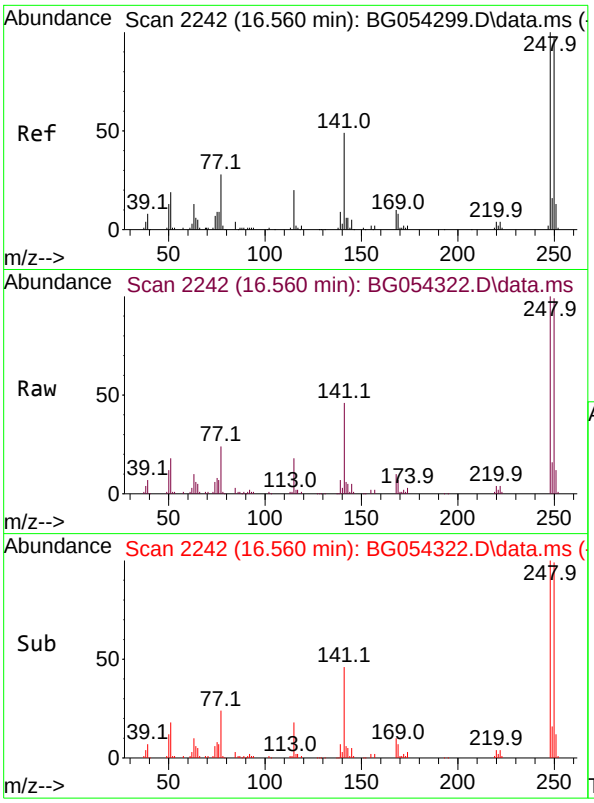


#66
n-Nitrosodiphenylamine
Concen: 40.197 ng
RT: 15.878 min Scan# 2126
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:169 Resp: 136613

Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.9	83.9
167	36.2	30.6	46.0



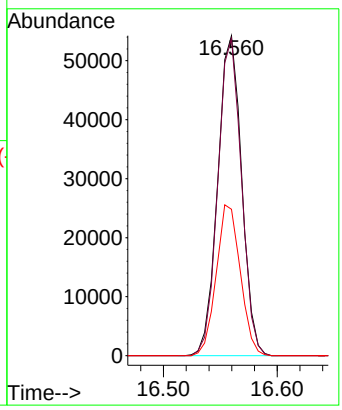


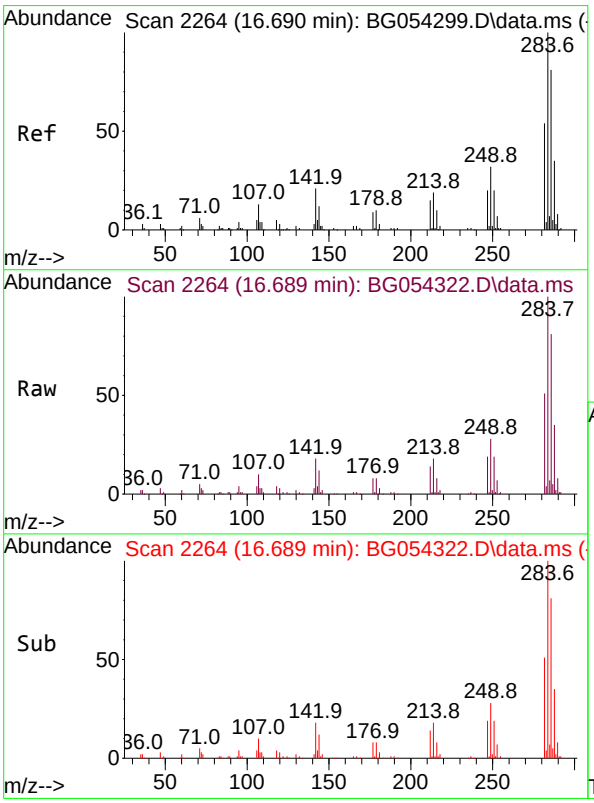
#67
4-Bromophenyl-phenylether
Concen: 41.433 ng
RT: 16.560 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 79212

Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.2	112.8
141	45.8	50.0	75.0#

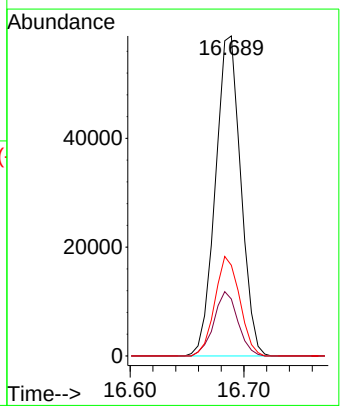


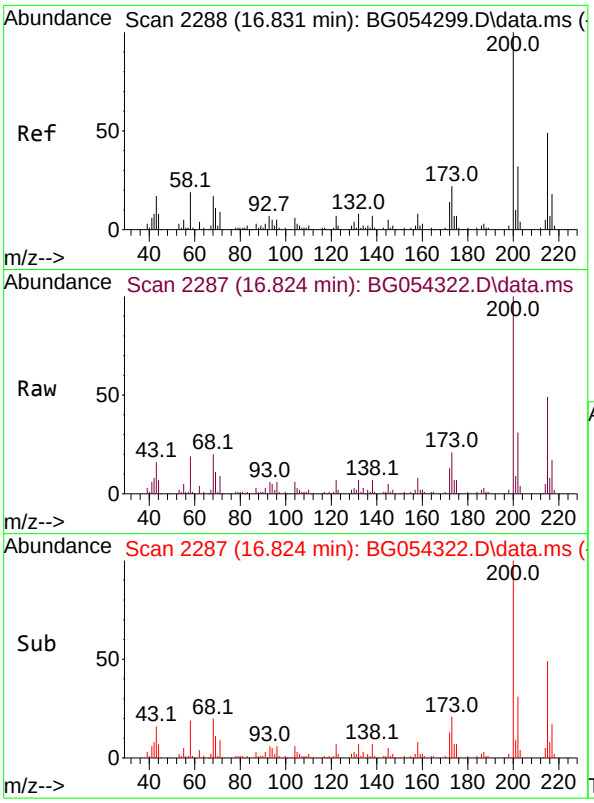


#68
Hexachlorobenzene
Concen: 41.658 ng
RT: 16.689 min Scan# 2264
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:284 Resp: 91077

Ion	Ratio	Lower	Upper
284	100		
142	17.8	23.6	35.4#
249	28.4	25.8	38.6



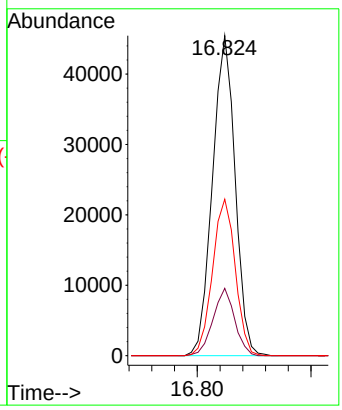


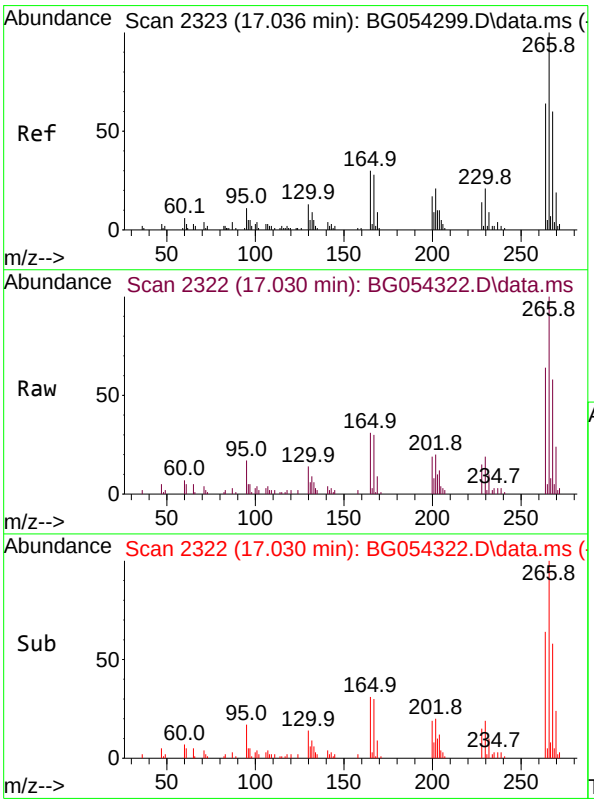
#69
Atrazine
Concen: 41.576 ng
RT: 16.824 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 62878

Ion	Ratio	Lower	Upper
200	100		
173	21.0	3.7	43.7
215	48.9	25.2	65.2

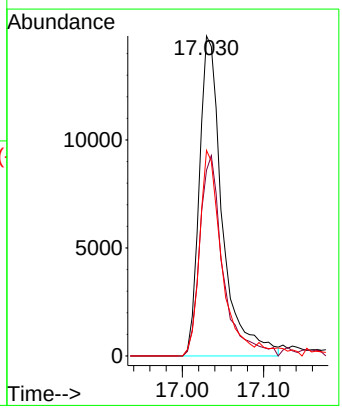


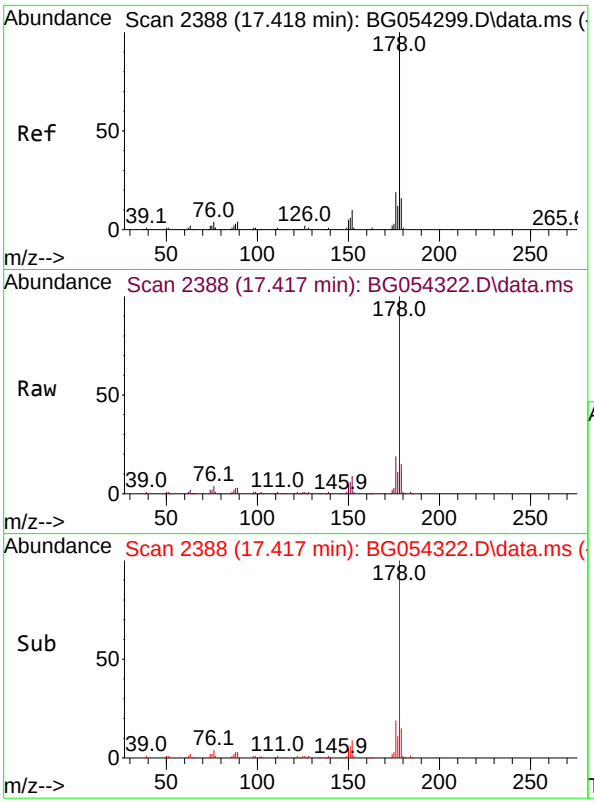


#70
Pentachlorophenol
Concen: 33.030 ng
RT: 17.030 min Scan# 2322
Delta R.T. -0.006 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:266 Resp: 29112

Ion	Ratio	Lower	Upper
266	100		
268	62.6	56.2	84.2
264	64.3	53.0	79.4



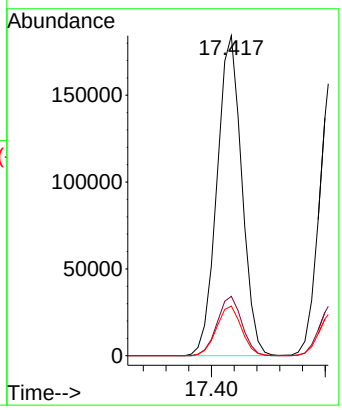


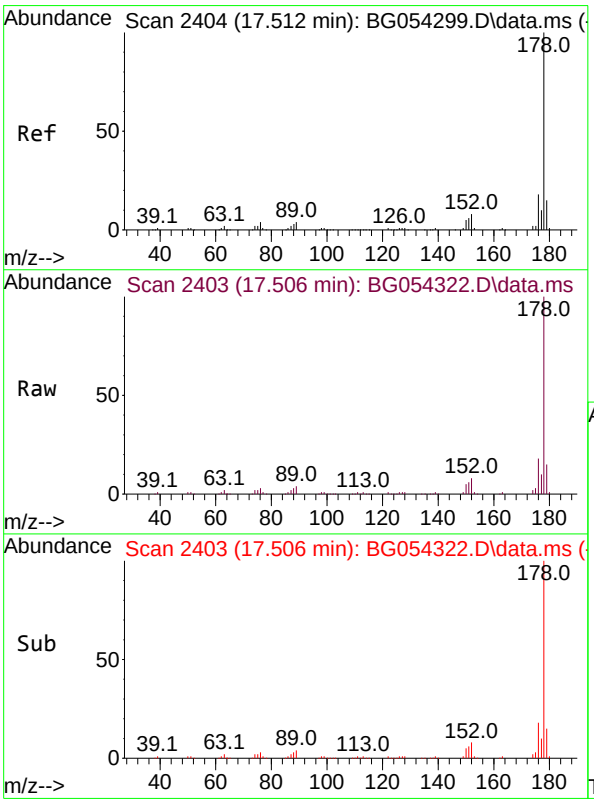
#71
Phenanthrene
Concen: 41.197 ng
RT: 17.417 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 279275

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.1	21.1
179	15.5	12.1	18.1

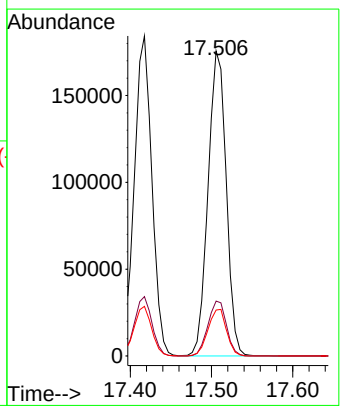


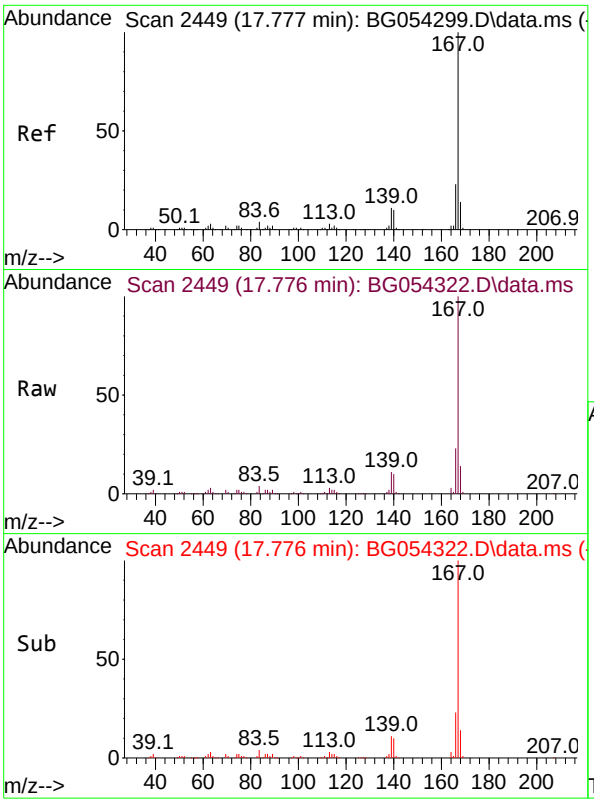


#72
Anthracene
Concen: 41.026 ng
RT: 17.506 min Scan# 2403
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:178 Resp: 272918

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	15.1	13.0	19.4



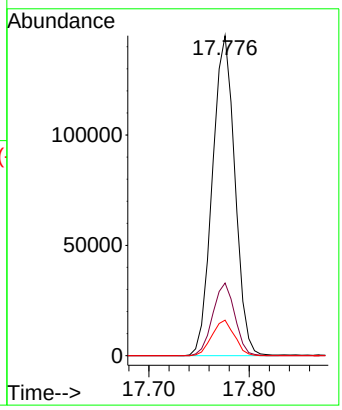


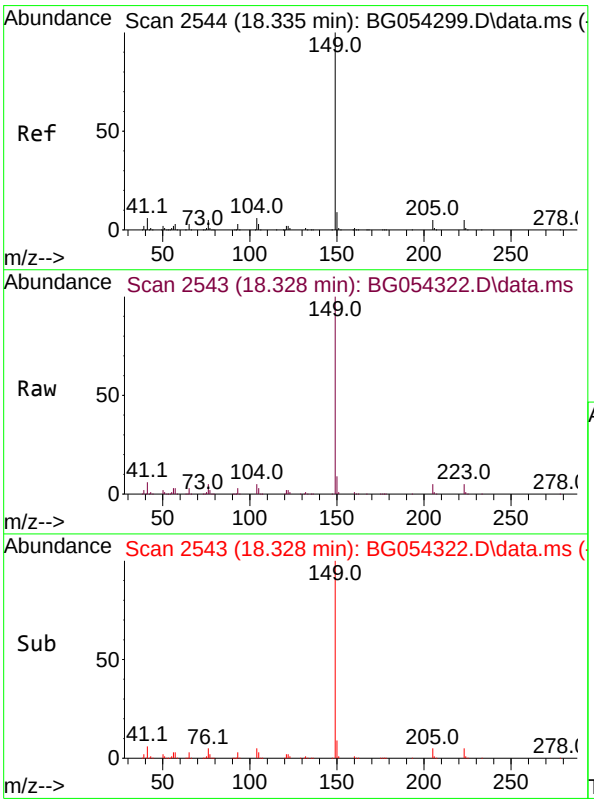
#73
Carbazole
Concen: 41.250 ng
RT: 17.776 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 225918

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	11.1	10.1	15.1

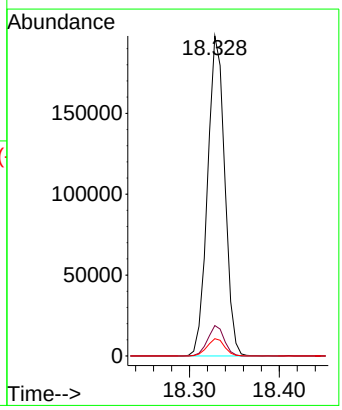


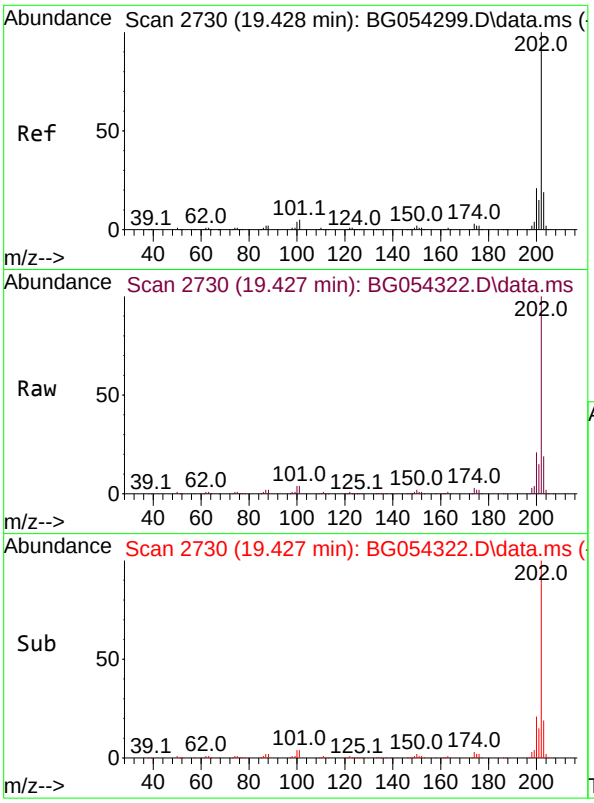


#74
Di-n-butylphthalate
Concen: 40.606 ng
RT: 18.328 min Scan# 2543
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:149 Resp: 262442

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	5.4	8.0



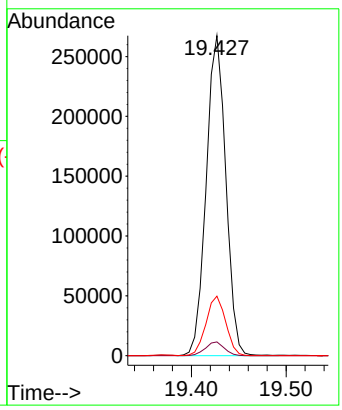


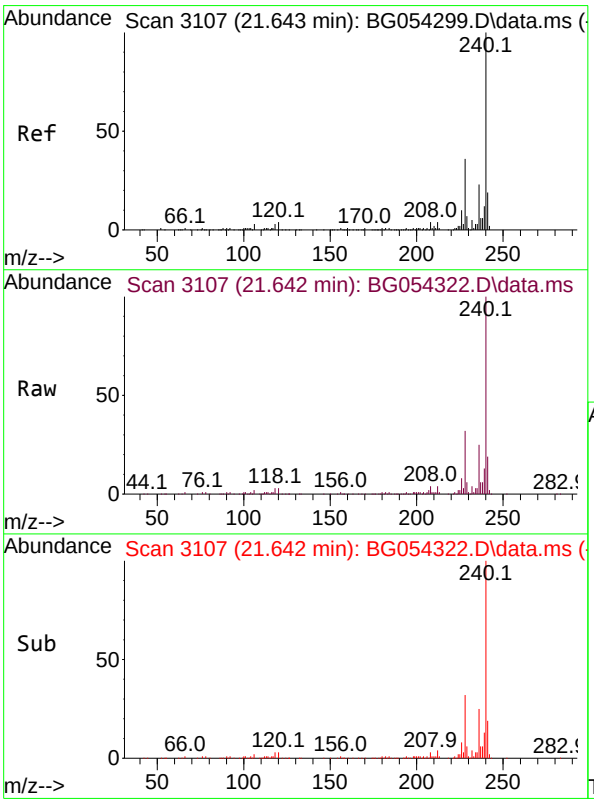
#75
Fluoranthene
Concen: 41.500 ng
RT: 19.427 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 383498

Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	26.9
203	18.6	0.0	37.2

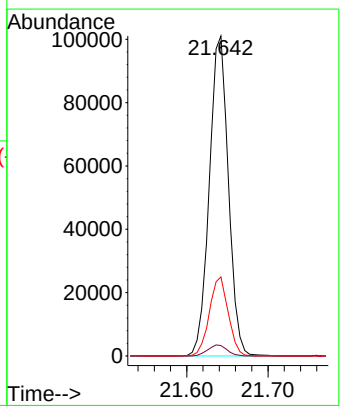


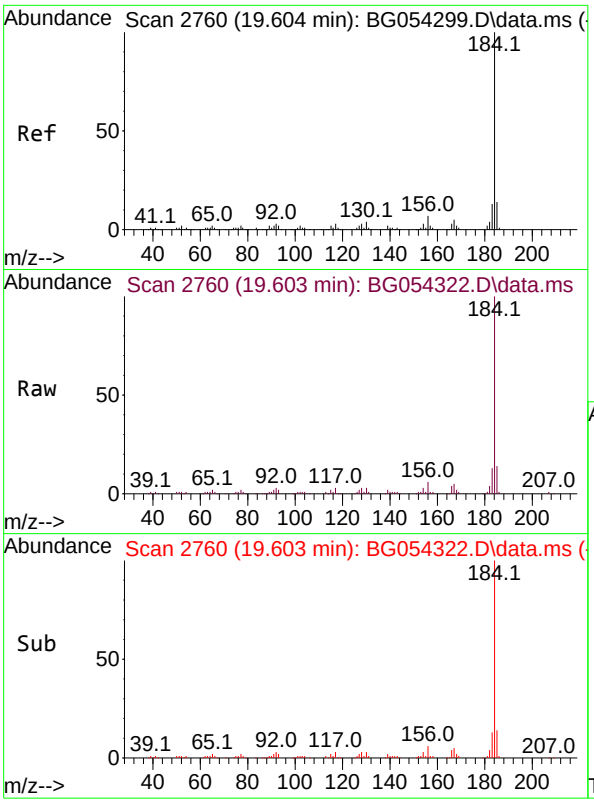


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:240 Resp: 164560

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	24.7	20.2	30.4



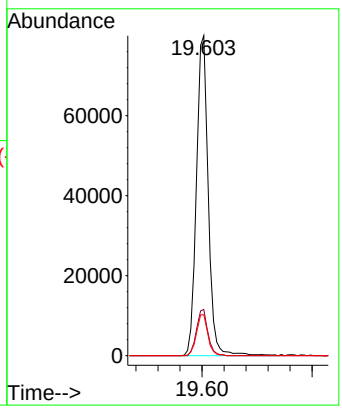


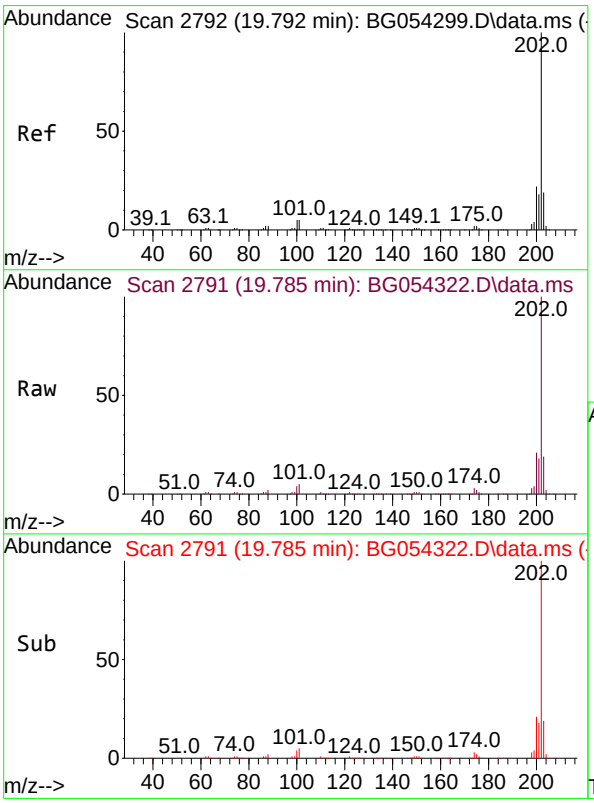
#77
Benzidine
Concen: 40.073 ng
RT: 19.603 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 119430

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	12.8	8.9	13.3

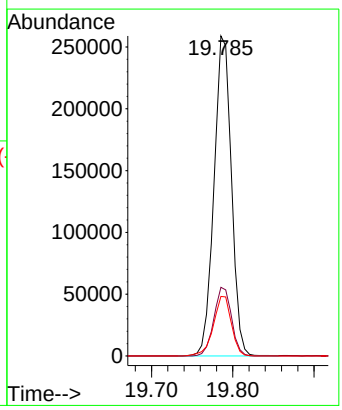


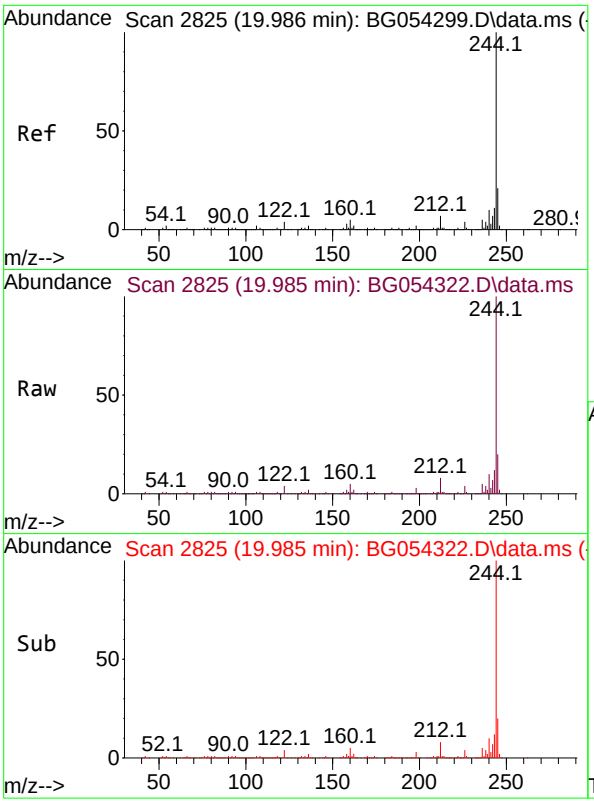


#78
Pyrene
Concen: 40.898 ng
RT: 19.785 min Scan# 2791
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:202 Resp: 386174

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	18.6	14.6	21.8



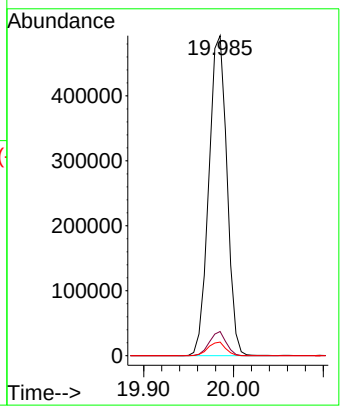


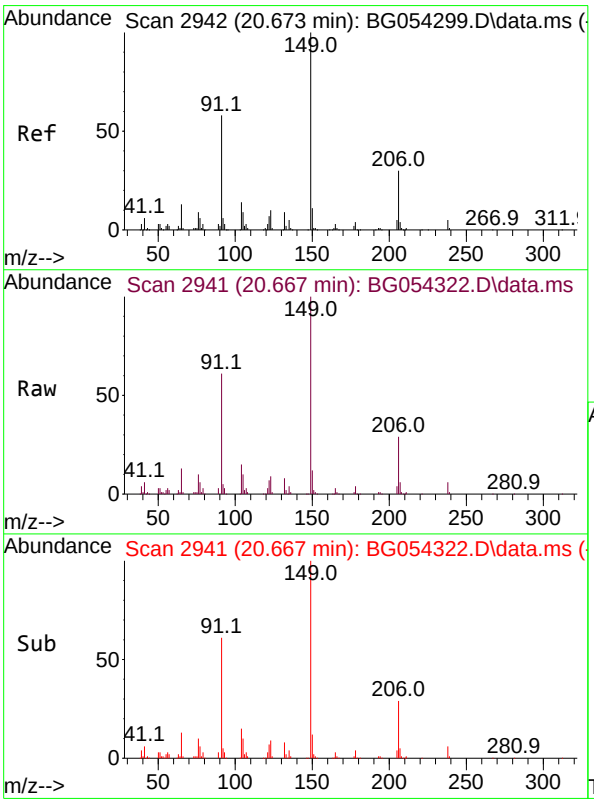
#79
Terphenyl-d14
Concen: 83.118 ng
RT: 19.985 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 689479

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	4.3	5.0	7.4#

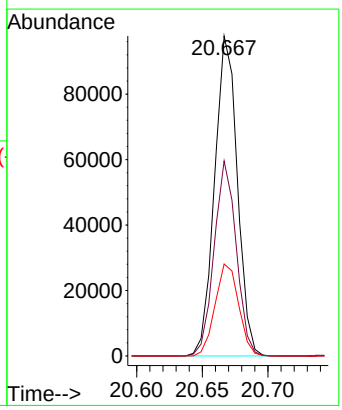


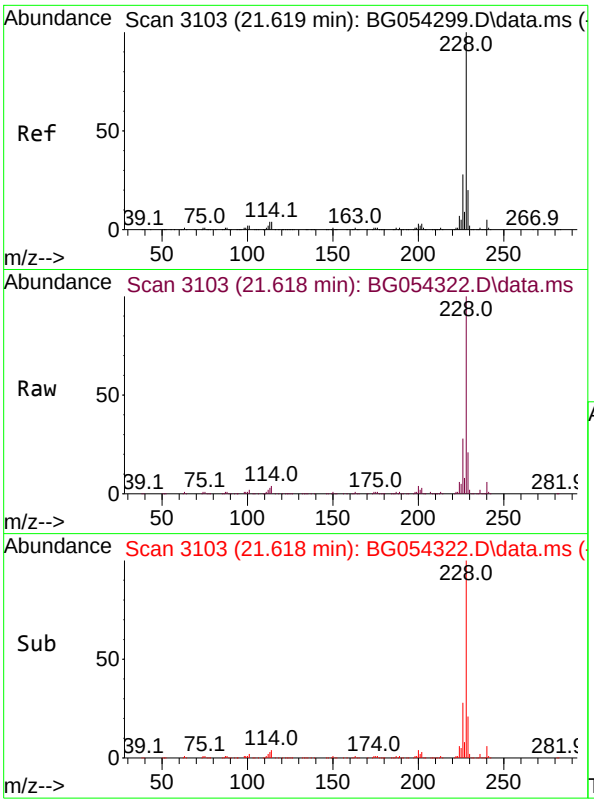


#80
Butylbenzylphthalate
Concen: 39.951 ng
RT: 20.667 min Scan# 2941
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:149 Resp: 117557

Ion	Ratio	Lower	Upper
149	100		
91	60.9	59.6	89.4
206	28.8	18.6	28.0#



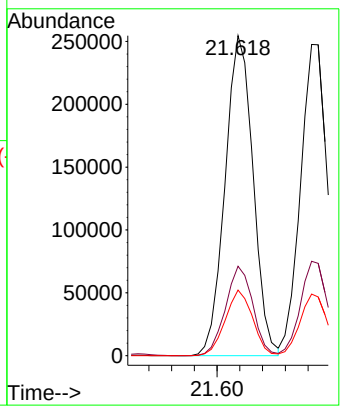


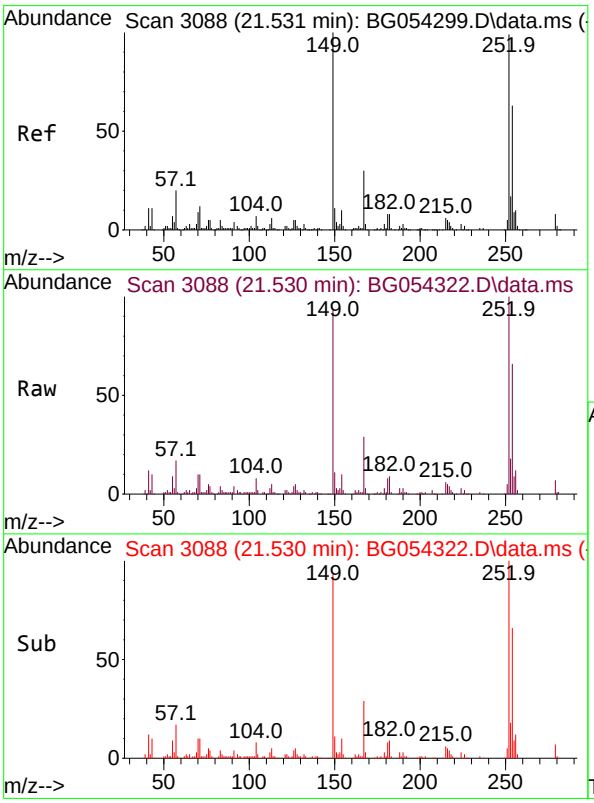
#81
Benzo(a)anthracene
Concen: 41.676 ng
RT: 21.618 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 435357

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	20.5	16.2	24.2

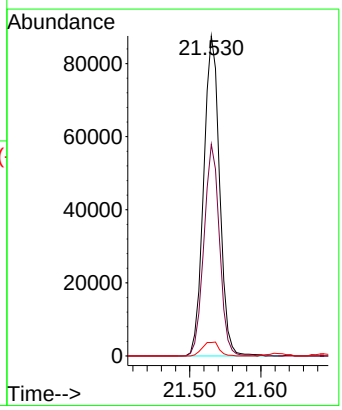


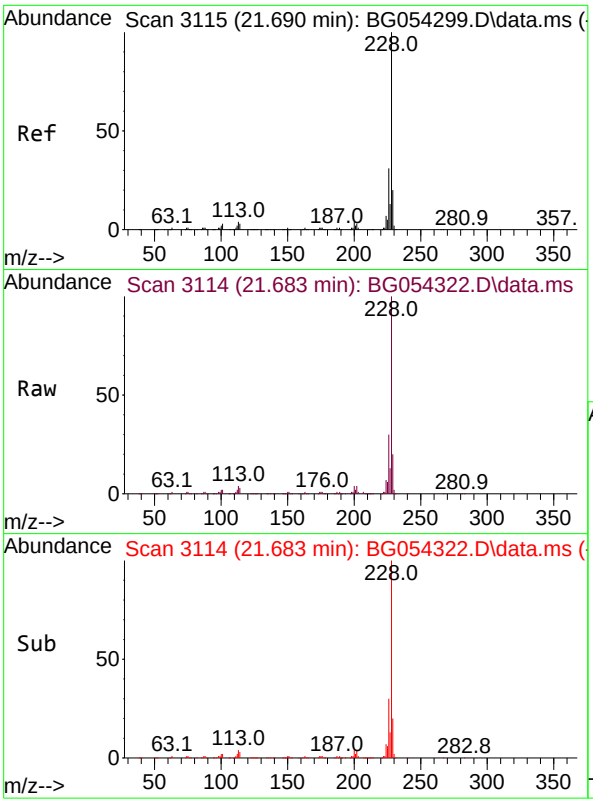


#82
3,3'-Dichlorobenzidine
Concen: 42.088 ng
RT: 21.530 min Scan# 3088
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:252 Resp: 136734

Ion	Ratio	Lower	Upper
252	100		
254	66.1	49.8	74.8
126	4.2	6.0	9.0#



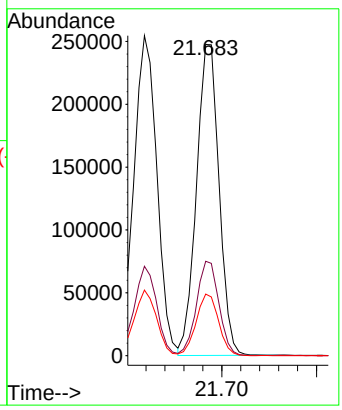


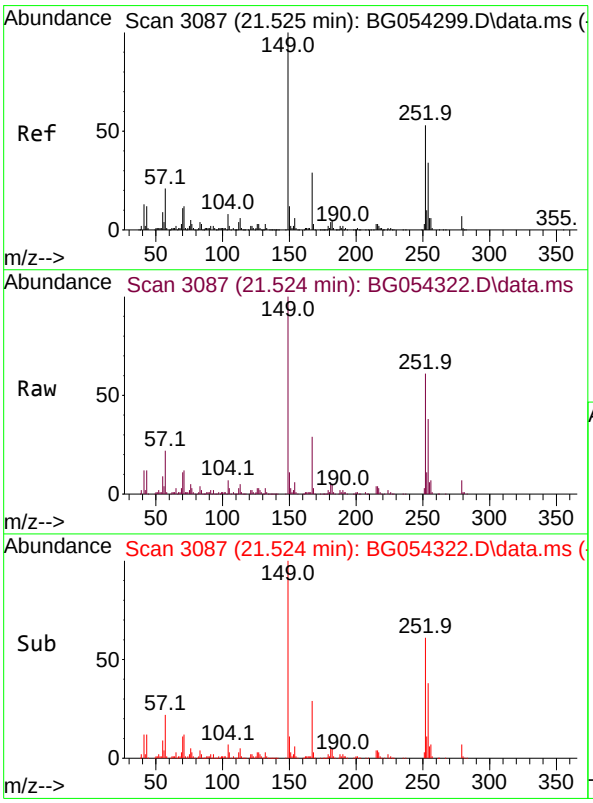
#83
Chrysene
Concen: 41.374 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 408327

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	19.8	15.5	23.3

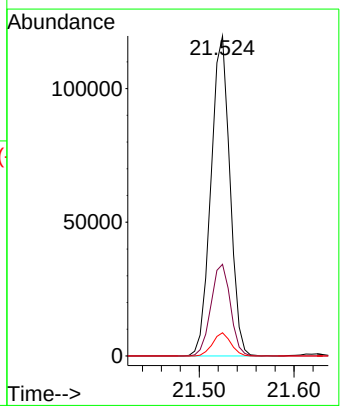


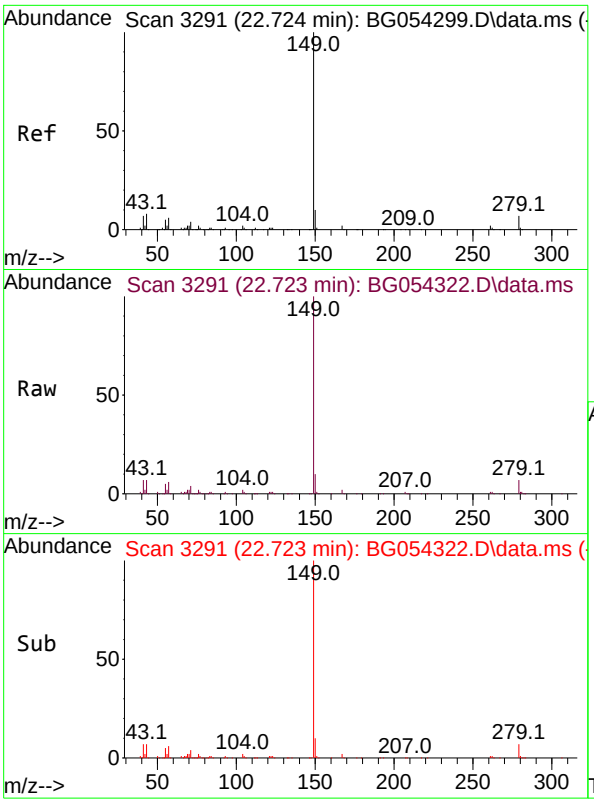


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.792 ng
RT: 21.524 min Scan# 3087
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:149 Resp: 165680

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.2	30.4
279	7.3	3.6	5.4#



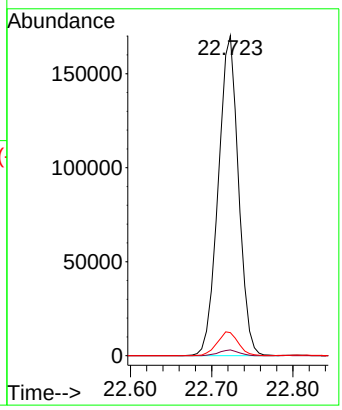


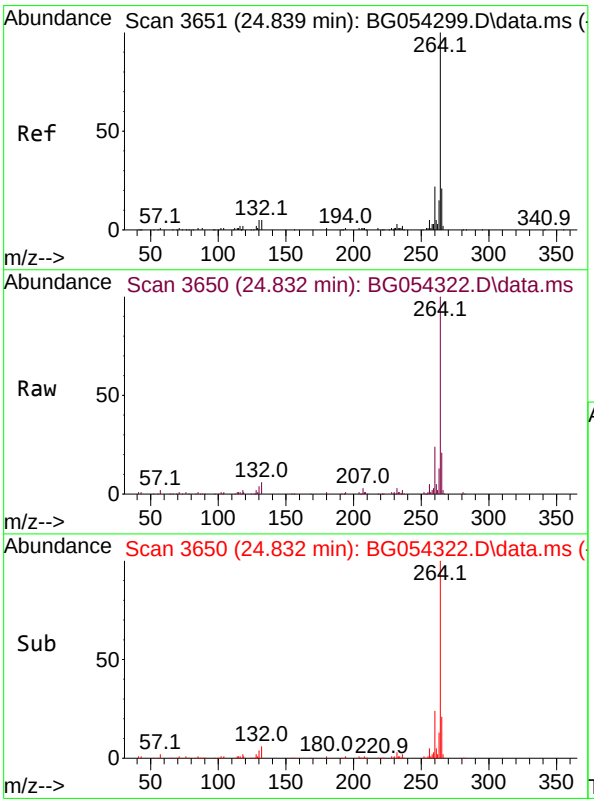
#85
Di-n-octyl phthalate
Concen: 41.485 ng
RT: 22.723 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 294675

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	7.8	9.0	13.4#

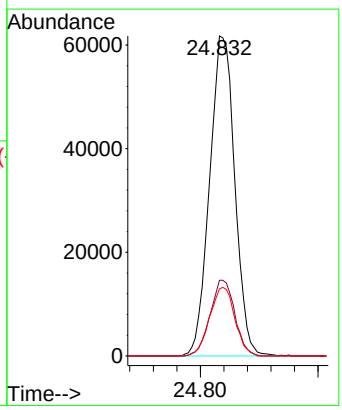


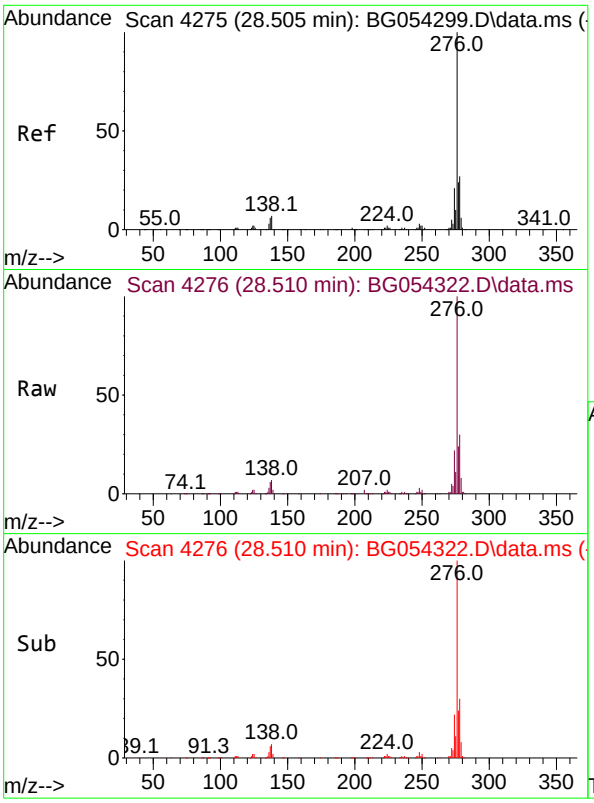


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.832 min Scan# 3650
Delta R.T. -0.007 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:264 Resp: 183433

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.9	17.4	26.2



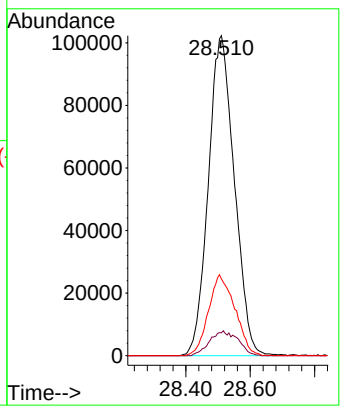


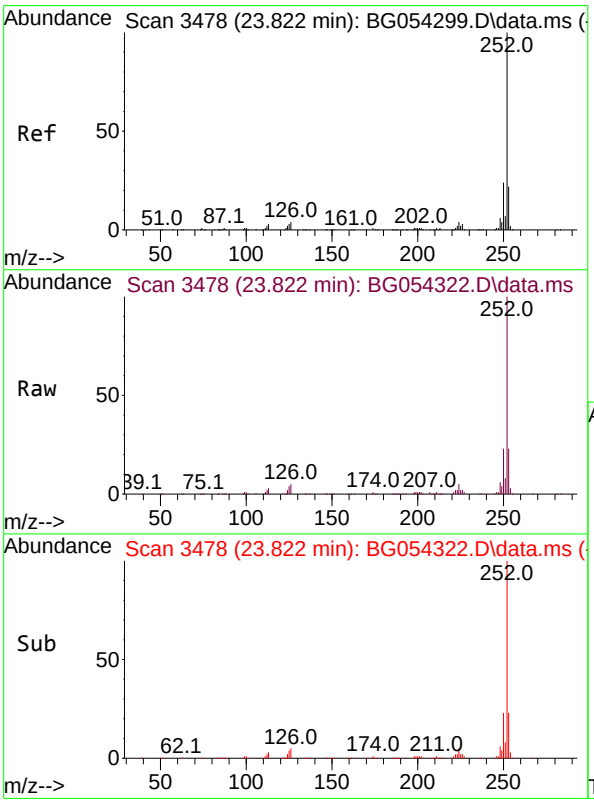
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.115 ng
RT: 28.510 min Scan# 4
Delta R.T. 0.005 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 573744

Ion	Ratio	Lower	Upper
276	100		
138	8.4	5.0	7.4#
277	25.7	20.3	30.5

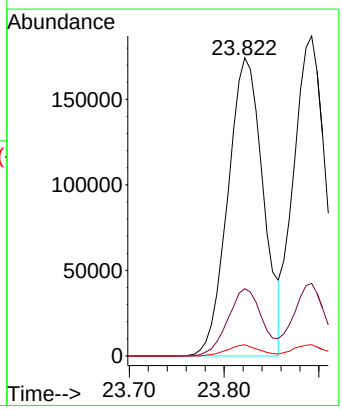


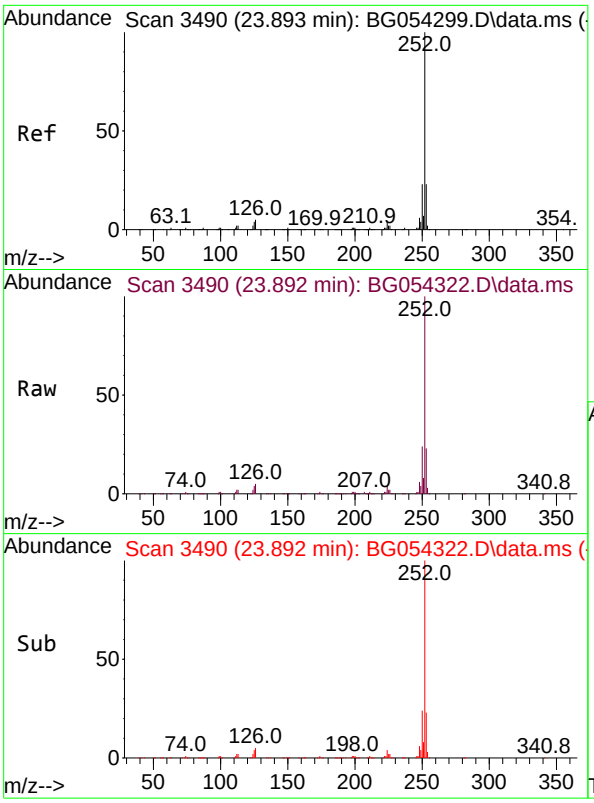


#88
Benzo(b)fluoranthene
Concen: 41.637 ng
RT: 23.822 min Scan# 3478
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:252 Resp: 451682

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	3.8	4.6	6.8#



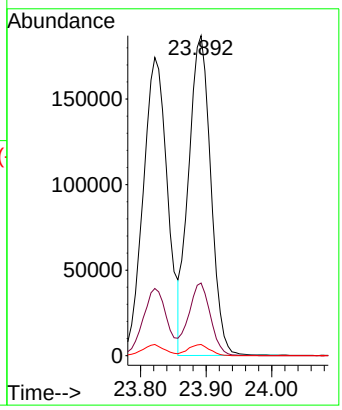


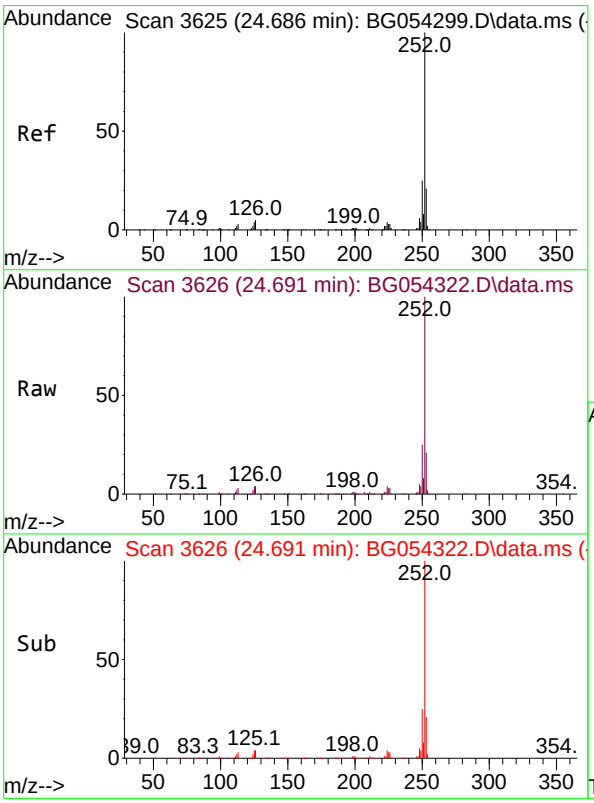
#89
Benzo(k)fluoranthene
Concen: 40.690 ng
RT: 23.892 min Scan# 34
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 439296

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	3.5	4.8	7.2#

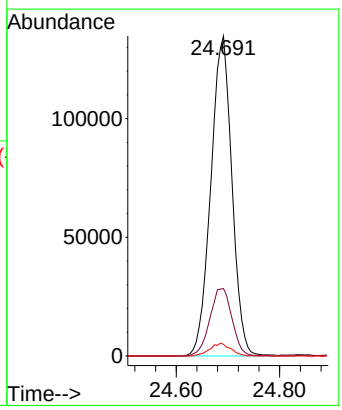


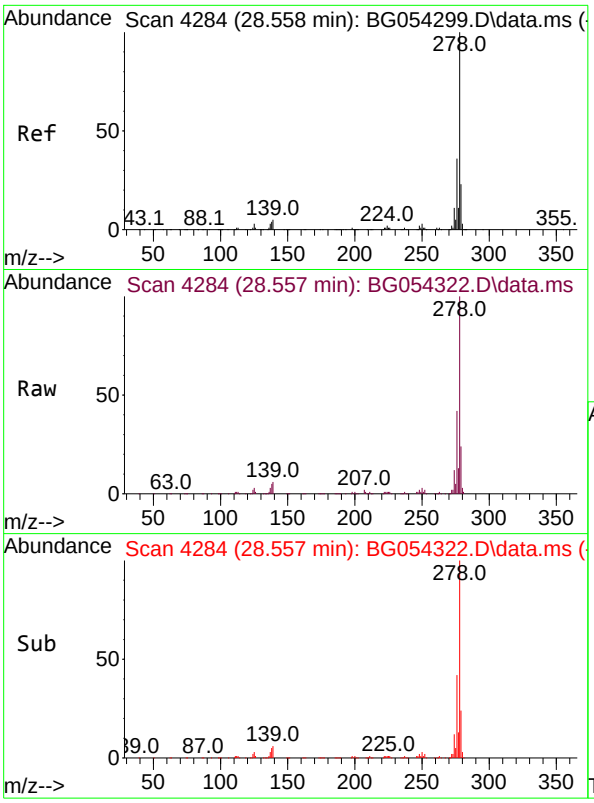


#90
Benzo(a)pyrene
Concen: 41.200 ng
RT: 24.691 min Scan# 3626
Delta R.T. 0.005 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:252 Resp: 381693

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	3.6	4.3	6.5#



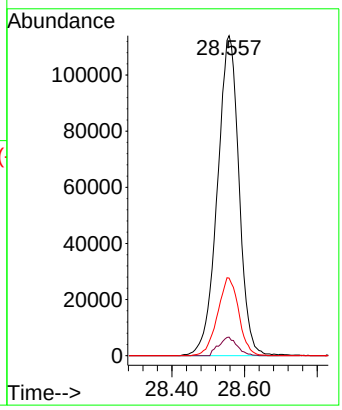


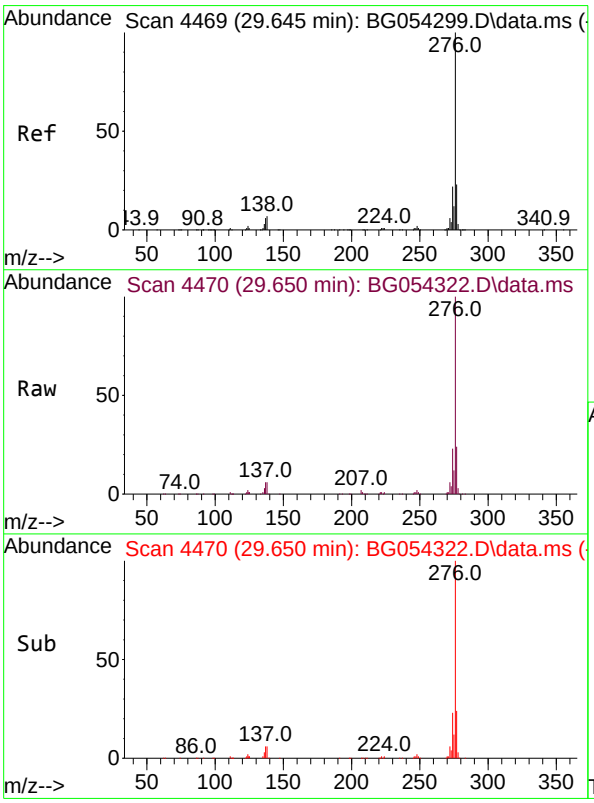
#91
Dibenzo(a,h)anthracene
Concen: 41.030 ng
RT: 28.557 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

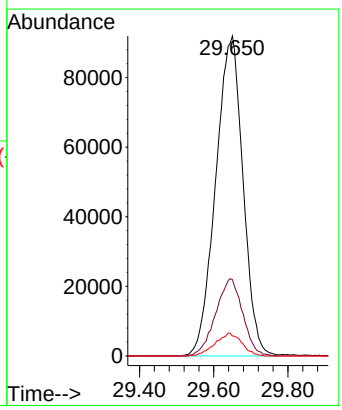
Tgt Ion:278 Resp: 470798

Ion	Ratio	Lower	Upper
278	100		
139	5.8	7.2	10.8#
279	24.3	18.6	27.8





#92
Benzo(g,h,i)perylene
Concen: 41.427 ng
RT: 29.650 min Scan# 4470
Delta R.T. 0.005 min
Lab File: BG054322.D
Acq: 19 Jul 2022 17:51

Tgt Ion:276 Resp: 469163

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.3	25.9
138	6.3	9.6	14.4#