Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092723\
Data File : BG059220.D
Acq On : 27 Sep 2023 20:56
Operator : MA/JU
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Quant Time: Sep 28 03:44:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 03:42:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	47509	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	233805	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.868	164	145858	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.717	188	602290	20.000	ng/ul	0.10
79) Chrysene-d12	21.924	240	275249	20.000	ng/ul	0.00
88) Perylene-d12	25.414	264	325818	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	18071	14.752	ng/uL	0.00
4) Pyridine-d5	3.963	84	149754	41.317	ng/ul	0.00
7) Phenol-d5	7.359	99	194947	41.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	124644	43.155	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	137815	40.709	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	154905	41.938	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	72774	41.628	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	73805	41.637	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	144608	42.354	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	220983	41.470	ng/ul	0.00
46) Dimethylphthalate-d6	14.268	166	439836	39.816	ng/ul	0.00
49) Acenaphthylene-d8	14.574	160	551995	40.657	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	78020	39.020	ng/ul	0.00
60) Fluorene-d10	15.855	176	408746	40.210	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.043	200	81	0.024	ng/ul	0.08
73) Anthracene-d10	17.717	188	602205	22.195	ng/ul	0.00
81) Pyrene-d10	19.991	212	662551	41.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.167	264	665667	42.254	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	20629	14.695	ng/uL#	78
5) Pyridine	3.986	79	154308	42.613	ng/ul	94
6) Benzaldehyde	7.376	77	99907	42.019	ng/ul	93
8) Phenol	7.388	94	195360	40.961	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.653	93	156914	40.993	ng/ul	94
12) 2-Chlorophenol	7.788	128	141513	40.805	ng/ul	96
13) 2-Methylphenol	8.663	108	145050	40.909	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.740	45	351846	43.394	ng/ul	98
16) Acetophenone	9.074	105	231672	40.537	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.045	70	117845	40.603	ng/ul#	91
18) 4-Methylphenol	8.998	108	156612	41.204	ng/ul	89
19) Hexachloroethane	9.321	117	55603	40.711	ng/ul	97
22) Nitrobenzene	9.474	77	173310	42.533	ng/ul	99
23) Isophorone	9.985	82	364224	41.937	ng/ul	98
25) 2-Nitrophenol	10.185	139	80197	40.608	ng/ul	95
26) 2,4-Dimethylphenol	10.214	107	160829	41.945	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.467	93	227750	41.604	ng/ul	96
29) 2,4-Dichlorophenol	10.708	162	143158	41.453	ng/ul	96
30) Naphthalene	11.125	128	520117	41.822	ng/ul	97
32) 4-Chloroaniline	11.248	127	214222	40.781	ng/ul	98
33) Hexachlorobutadiene	11.354	225	89698	40.456	ng/ul	96
34) Caprolactam	12.030	113	31293	25.611	ng/ul	92
35) 4-Chloro-3-methylphenol	12.329	107	151872	41.467	ng/ul	93
36) 2-Methylnaphthalene	12.711	142	339022	40.812	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092723\
Data File : BG059220.D
Acq On : 27 Sep 2023 20:56
Operator : MA/JU
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Quant Time: Sep 28 03:44:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 03:42:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	339463	40.318	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.058	216	170874	40.176	ng/ul	96
40) Hexachlorocyclopentadiene	13.011	237	113272	41.505	ng/ul	99
41) 2,4,6-Trichlorophenol	13.299	196	114063	41.215	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.375	196	116693	39.014	ng/ul	94
43) 1,1'-Biphenyl	13.704	154	475701	40.739	ng/ul	98
44) 2-Chloronaphthalene	13.757	162	360182	40.602	ng/ul	97
45) 2-Nitroaniline	13.980	65	113307	41.227	ng/ul	92
47) Dimethylphthalate	14.315	163	440527	38.981	ng/ul	99
48) 2,6-Dinitrotoluene	14.456	165	84013	41.538	ng/ul	90
50) Acenaphthylene	14.603	152	577899	39.731	ng/ul	99
51) 3-Nitroaniline	14.797	138	88995	39.693	ng/ul#	96
52) Acenaphthene	14.932	153	393947	39.955	ng/ul	95
53) 2,4-Dinitrophenol	14.991	184	41744	34.256	ng/ul	90
55) 4-Nitrophenol	15.079	109	54242	40.450	ng/ul	90
56) Dibenzofuran	15.267	168	521083	39.790	ng/ul	98
57) 2,4-Dinitrotoluene	15.238	165	121133	41.045	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.473	232	108902	39.829	ng/ul#	97
59) Diethylphthalate	15.661	149	427543	38.689	ng/ul	98
61) Fluorene	15.914	166	438597	39.693	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.896	204	213779	38.718	ng/ul	94
63) 4-Nitroaniline	15.961	138	82195	38.697	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.037	198	185	0.052	ng/ul#	64
67) N-Nitrosodiphenylamine	16.119	169	353997	22.141	ng/ul	99
68) 4-Bromophenyl-phenylether	16.795	248	125473	21.672	ng/ul	98
69) Hexachlorobenzene	16.883	284	142018	21.402	ng/ul	96
70) Atrazine	17.053	200	137586	22.325	ng/ul	97
71) Pentachlorophenol	17.371	266	317	0.075	ng/ul	94
72) Phenanthrene	17.753	178	741217	22.233	ng/ul	98
74) Anthracene	17.753	178	738496	21.645	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.663	216	174914	21.959	ng/uL	98
76) Pentachlorobenzene	15.161	250	170698	22.868	ng/uL	96
77) Carbazole	18.082	167	791	0.028	ng/ul	96
78) Di-n-butylphthalate	18.534	149	744100	21.567	ng/ul	99
80) Fluoranthene	19.656	202	828530	41.990	ng/ul	99
82) Pyrene	20.020	202	859696	41.596	ng/ul	100
83) Butylbenzylphthalate	20.878	149	315626	42.486	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.818	252	282529	43.068	ng/ul	96
85) Benzo(a)anthracene	21.901	228	824730	41.623	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.736	149	484499	43.301	ng/ul	97
87) Chrysene	21.971	228	777678	42.261	ng/ul	99
89) Di-n-octyl phthalate	23.035	149	804266	41.228	ng/ul	100
90) Benzo(b)fluoranthene	24.280	252	865666	43.950	ng/ul	96
91) Benzo(k)fluoranthene	24.362	252	857982	42.162	ng/ul	97
93) Benzo(a)pyrene	25.244	252	793315	42.071	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.439	276	826630	38.333	ng/ul	97
95) Dibenzo(a,h)anthracene	29.515	278	741137	42.736	ng/ul	97
96) Benzo(g,h,i)perylene	30.720	276	721337	41.609	ng/ul	93

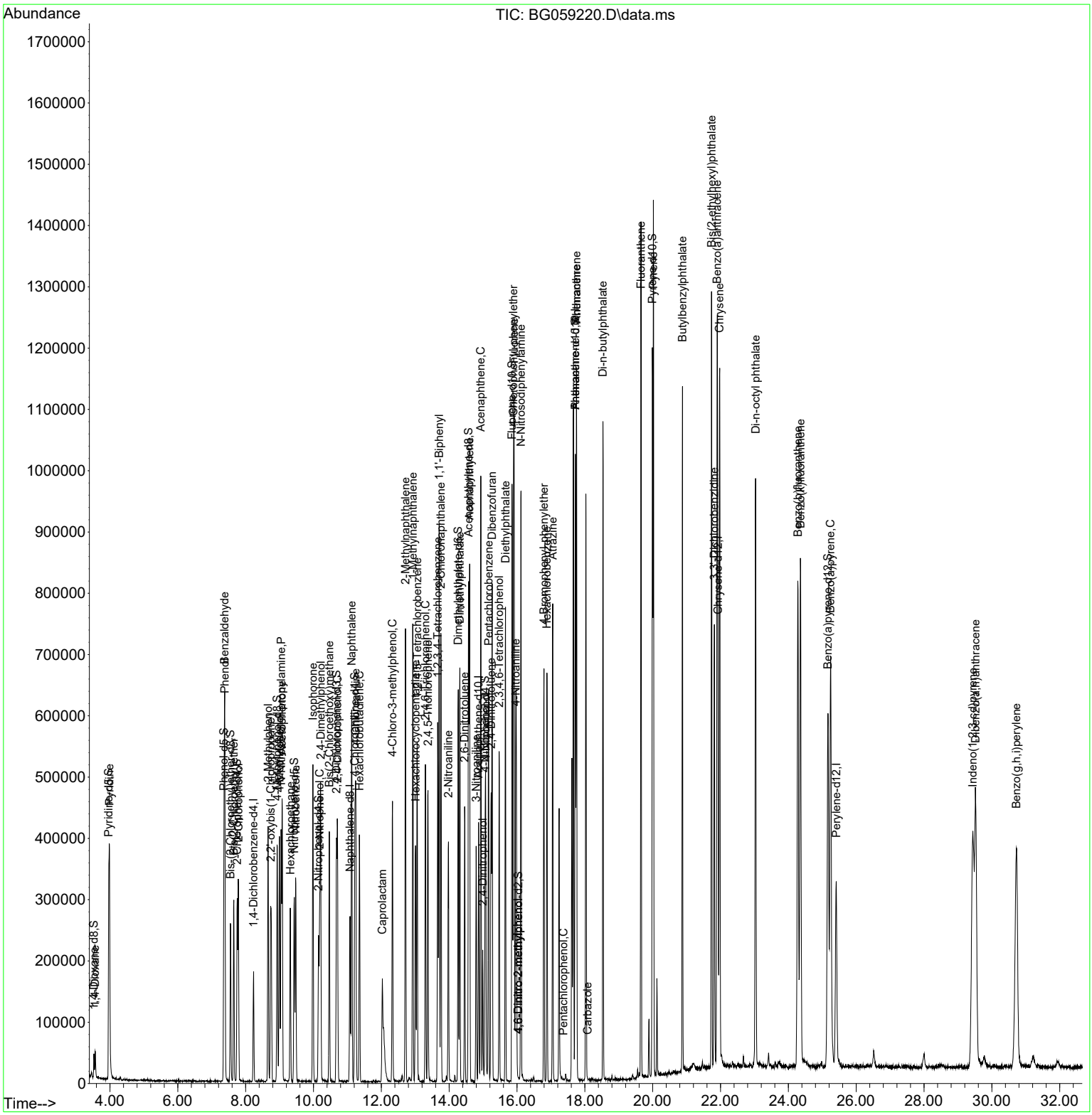
(#) = qualifier out of range (m) = manual integration (+) = signals summed

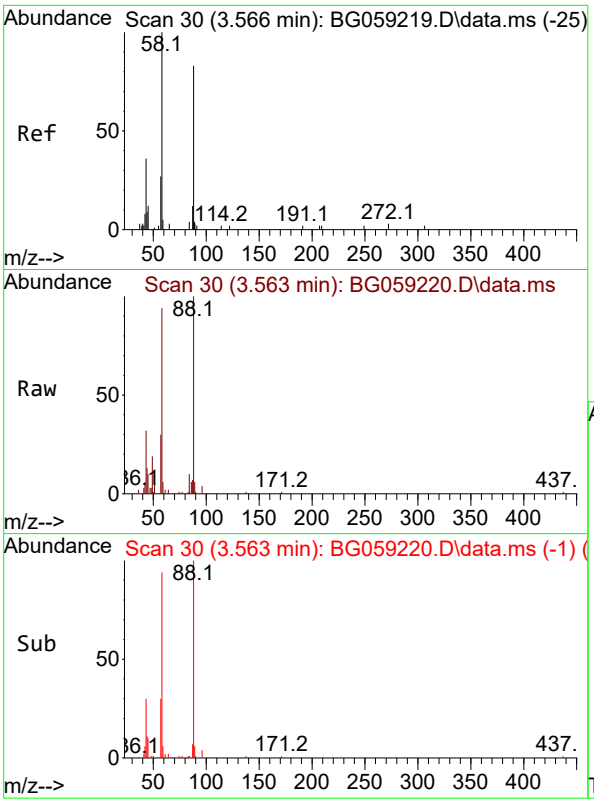
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092723\
Data File : BG059220.D
Acq On : 27 Sep 2023 20:56
Operator : MA/JU
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Quant Time: Sep 28 03:44:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 03:42:12 2023
Response via : Initial Calibration



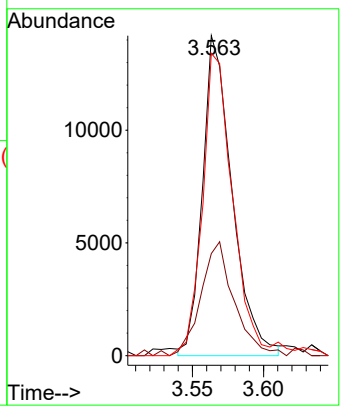


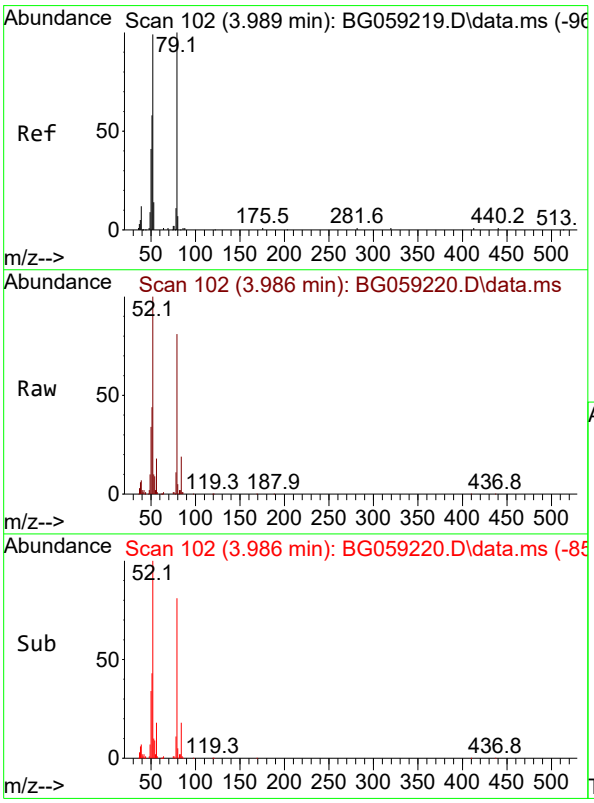
#2
1,4-Dioxane
Concen: 14.695 ng/uL
RT: 3.563 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion: 88 Resp: 20629

Ion	Ratio	Lower	Upper
88	100		
43	31.9	34.5	51.7#
58	94.5	96.6	145.0#

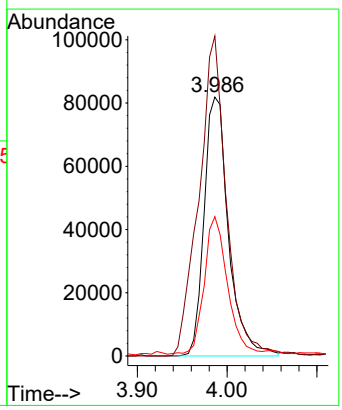


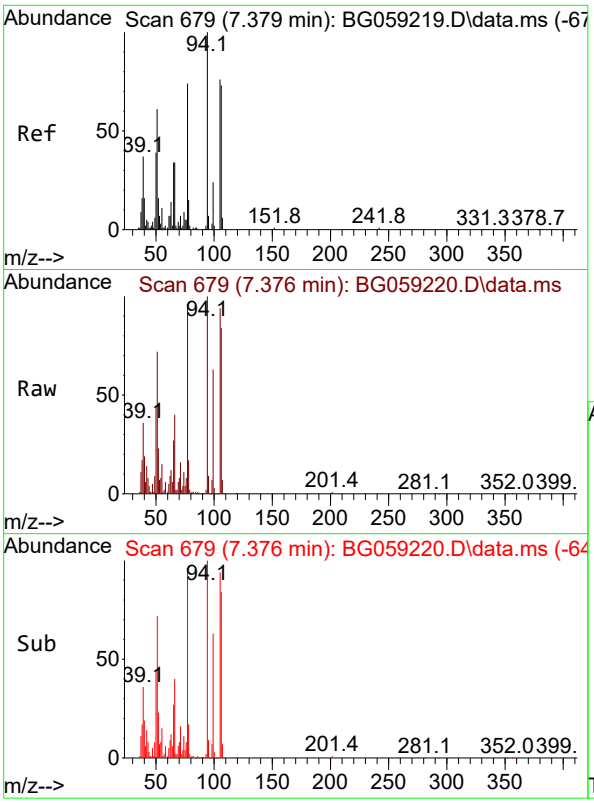


#5
Pyridine
Concen: 42.613 ng/ul
RT: 3.986 min Scan# 102
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion: 79 Resp: 154308

Ion	Ratio	Lower	Upper
79	100		
52	123.6	94.8	142.2
51	53.8	48.2	72.2



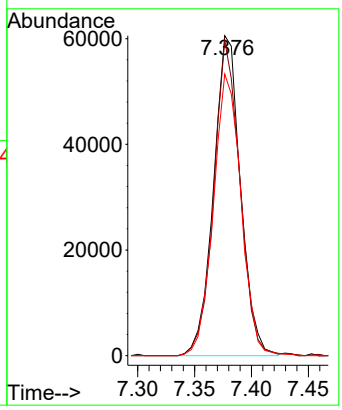


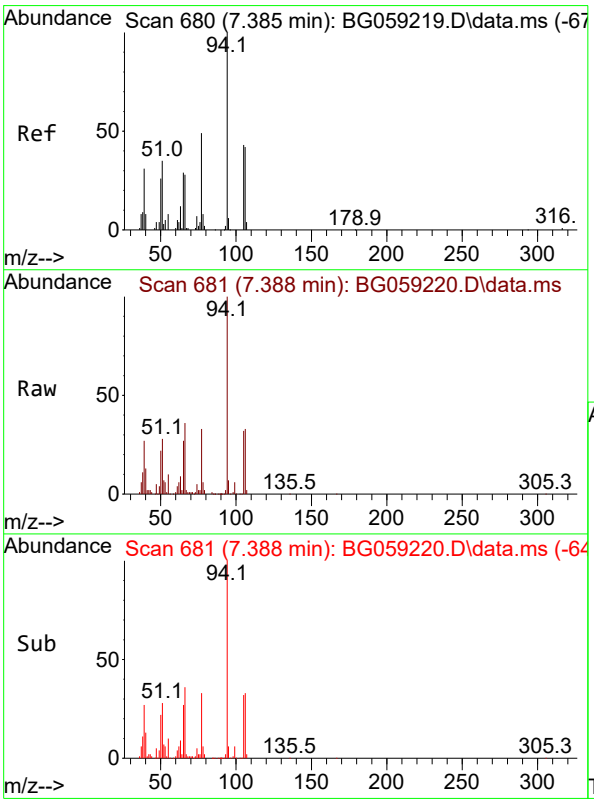
#6
Benzaldehyde
Concen: 42.019 ng/ul
RT: 7.376 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion: 77 Resp: 99907

Ion	Ratio	Lower	Upper
77	100		
105	98.5	81.4	122.2
106	88.0	78.3	117.5

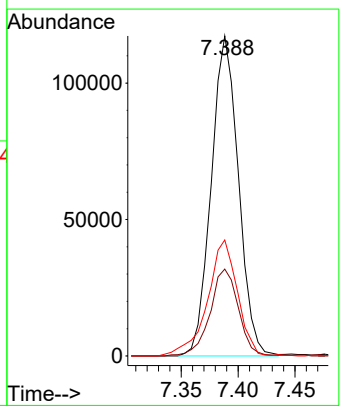


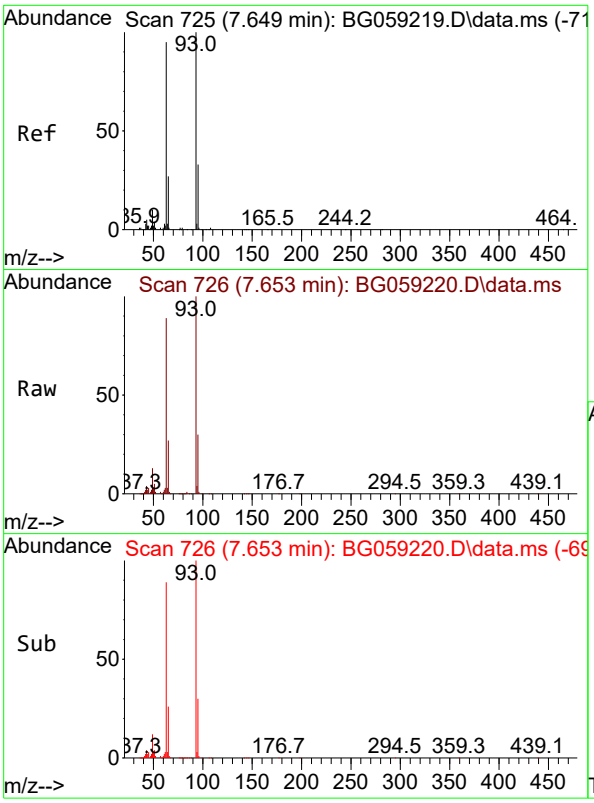


#8
Phenol
Concen: 40.961 ng/ul
RT: 7.388 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion: 94 Resp: 195360

Ion	Ratio	Lower	Upper
94	100		
65	27.1	23.6	35.4
66	36.3	24.6	37.0



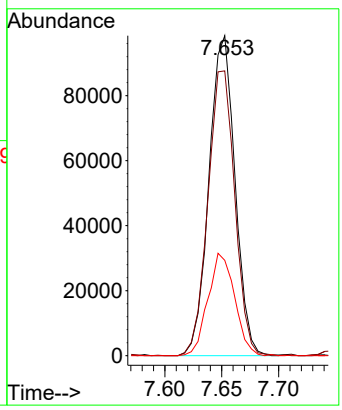


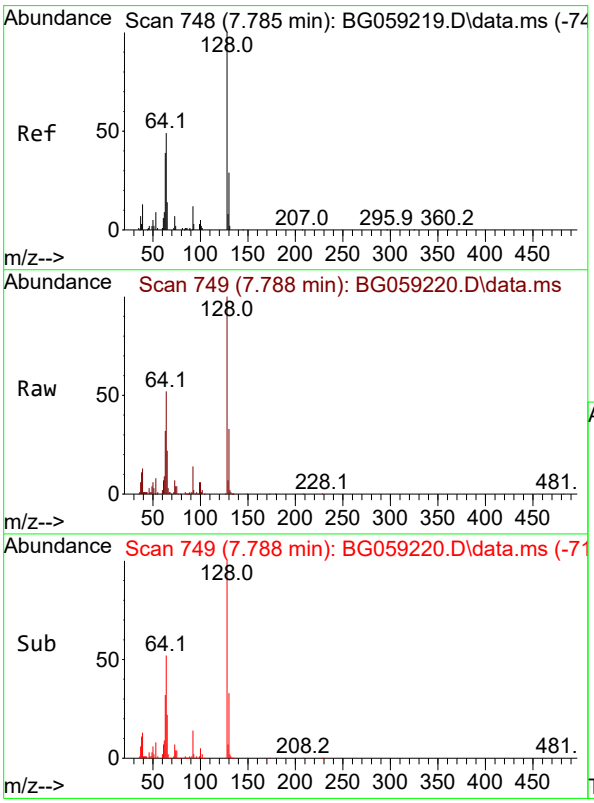
#10
Bis(2-Chloroethyl)ether
Concen: 40.993 ng/ul
RT: 7.653 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion: 93 Resp: 156914

Ion	Ratio	Lower	Upper
93	100		
63	89.0	76.0	114.0
95	29.8	26.6	39.8

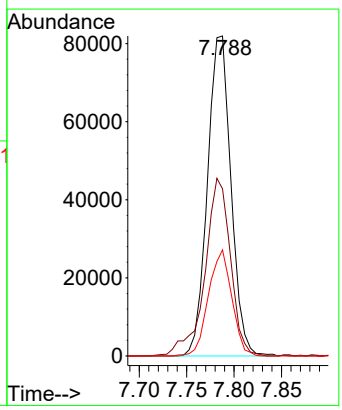


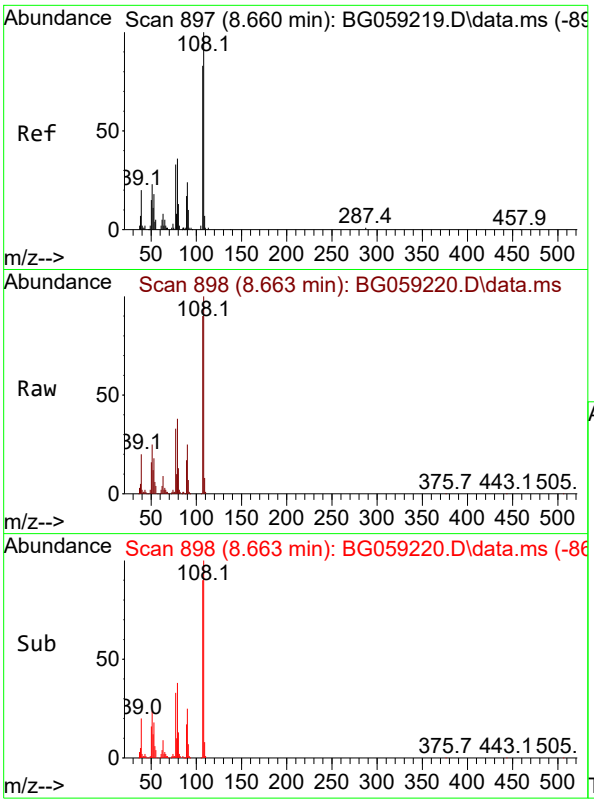


#12
2-Chlorophenol
Concen: 40.805 ng/ul
RT: 7.788 min Scan# 749
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:128 Resp: 141513

Ion	Ratio	Lower	Upper
128	100		
64	52.3	42.6	64.0
130	33.2	23.3	34.9



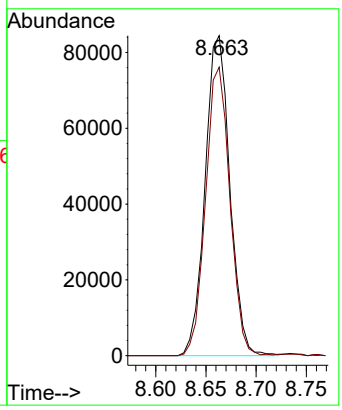


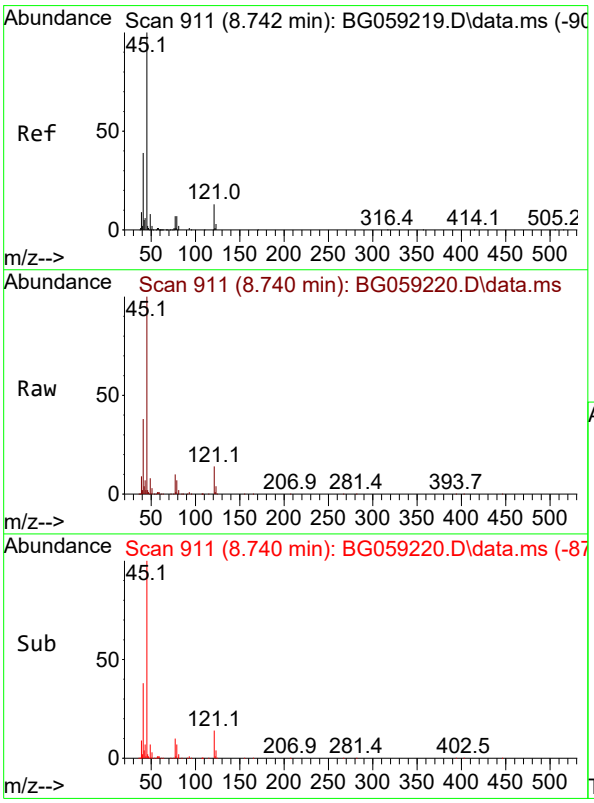
#13
2-Methylphenol
Concen: 40.909 ng/ul
RT: 8.663 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:108 Resp: 145050

Ion	Ratio	Lower	Upper
108	100		
107	90.1	67.3	100.9

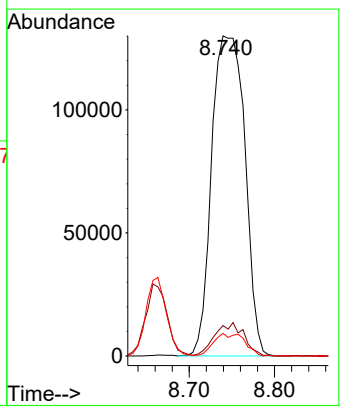


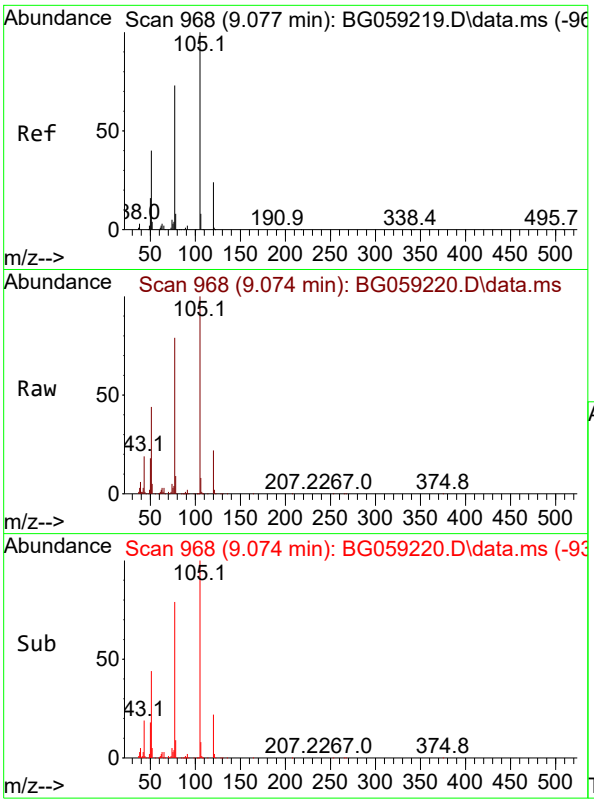


#14
2,2'-oxybis(1-Chloropropane)
Concen: 43.394 ng/ul
RT: 8.740 min Scan# 911
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion: 45 Resp: 351846

Ion	Ratio	Lower	Upper
45	100		
77	9.5	6.6	9.8
79	7.0	5.9	8.9



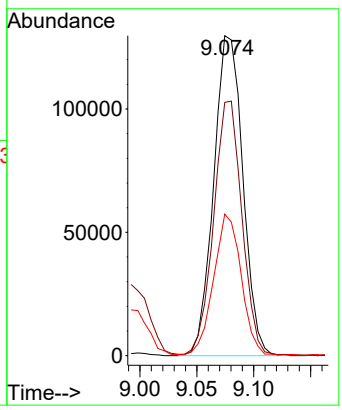


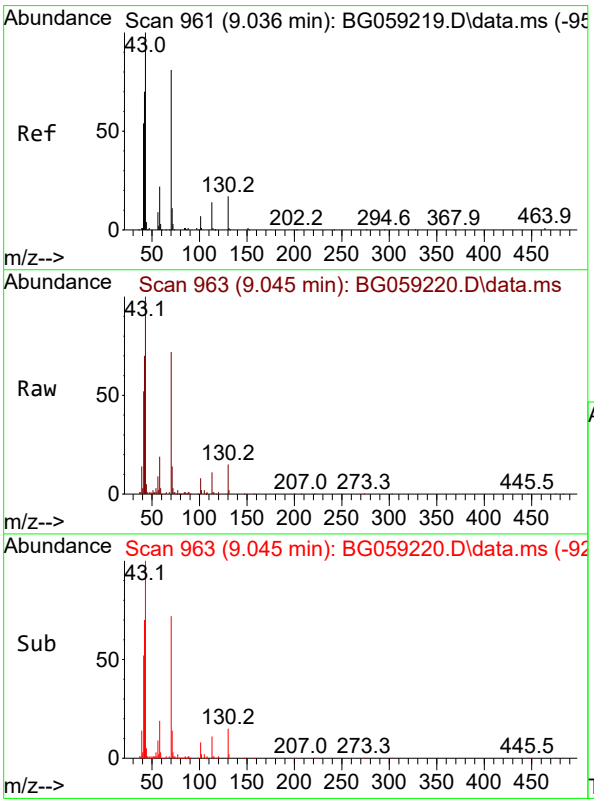
#16
Acetophenone
Concen: 40.537 ng/ul
RT: 9.074 min Scan# 9
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:105 Resp: 231672

Ion	Ratio	Lower	Upper
105	100		
77	79.1	58.8	88.2
51	44.3	32.6	48.8

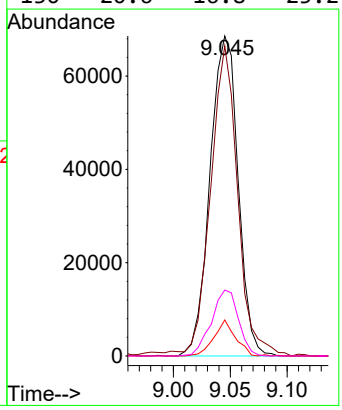


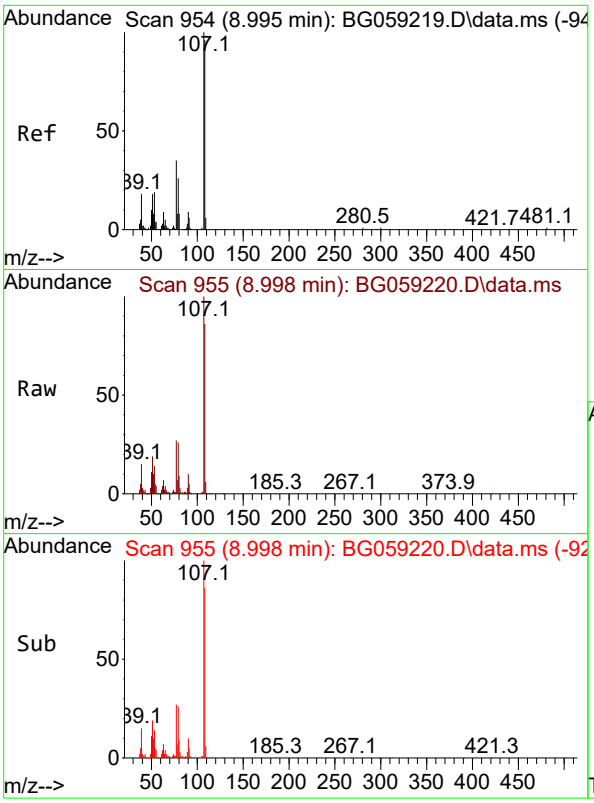


#17
N-Nitroso-di-n-propylamine
Concen: 40.603 ng/ul
RT: 9.045 min Scan# 963
Delta R.T. 0.009 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion: 70 Resp: 117845

Ion	Ratio	Lower	Upper
70	100		
42	96.9	69.6	104.4
101	11.3	6.7	10.1#
130	20.6	16.8	25.2



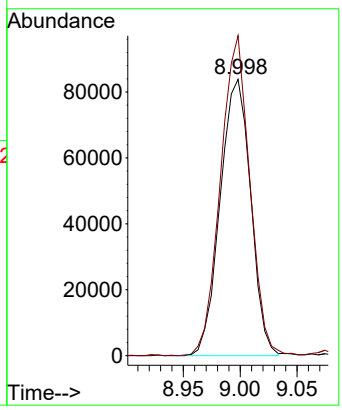


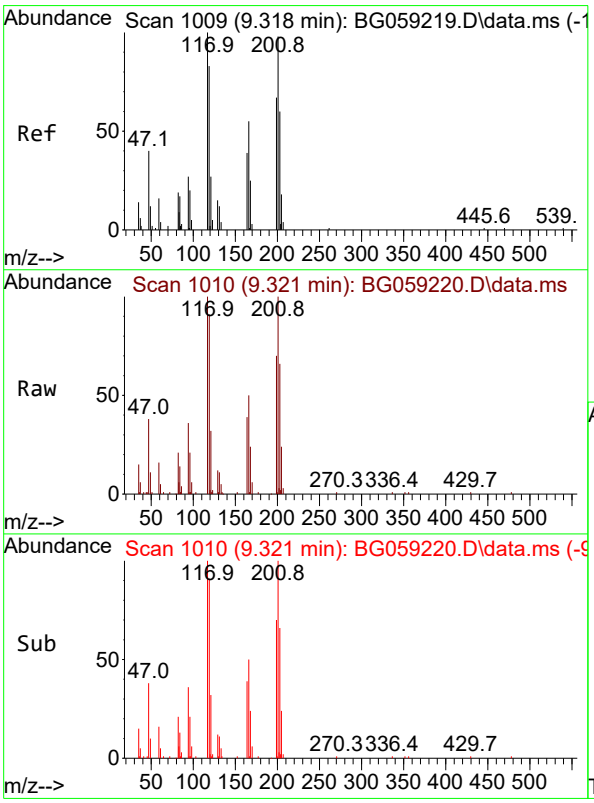
#18
4-Methylphenol
Concen: 41.204 ng/ul
RT: 8.998 min Scan# 9
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:108 Resp: 156612

Ion	Ratio	Lower	Upper
108	100		
107	115.8	83.8	125.8

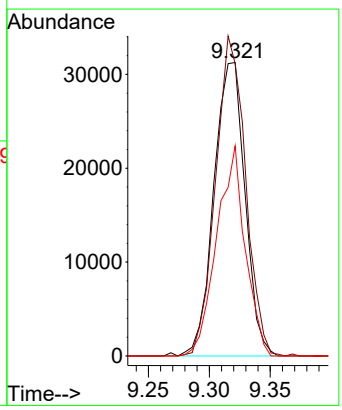


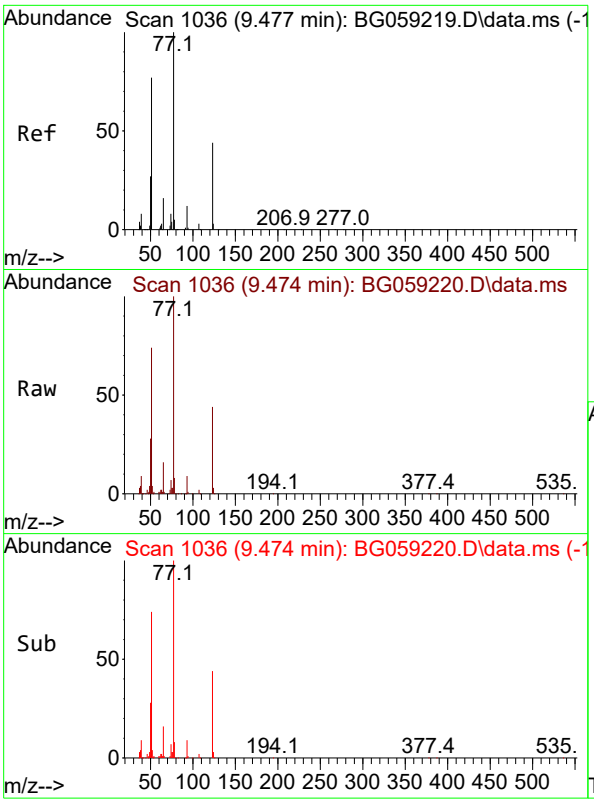


#19
Hexachloroethane
Concen: 40.711 ng/ul
RT: 9.321 min Scan# 1010
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:117 Resp: 55603

Ion	Ratio	Lower	Upper
117	100		
201	99.6	78.2	117.4
199	71.6	53.5	80.3



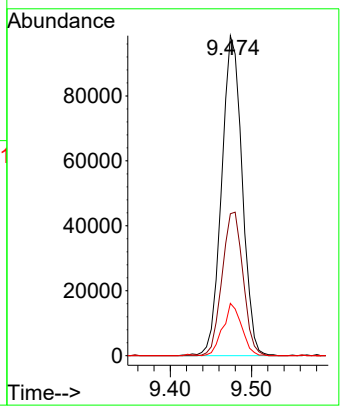


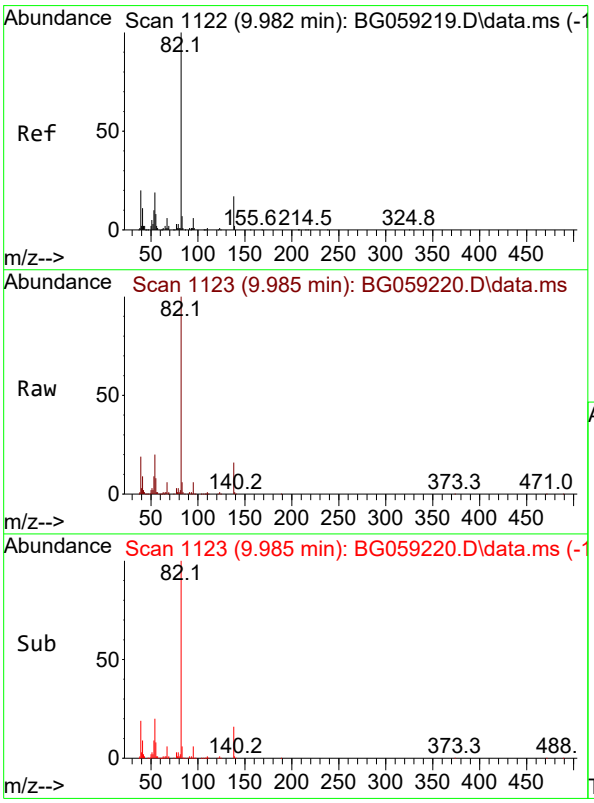
#22
Nitrobenzene
Concen: 42.533 ng/ul
RT: 9.474 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion: 77 Resp: 173310

Ion	Ratio	Lower	Upper
77	100		
123	44.3	34.6	52.0
65	16.3	13.0	19.4

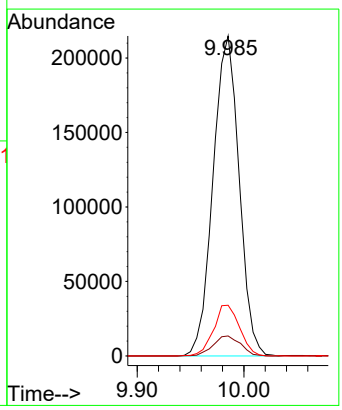


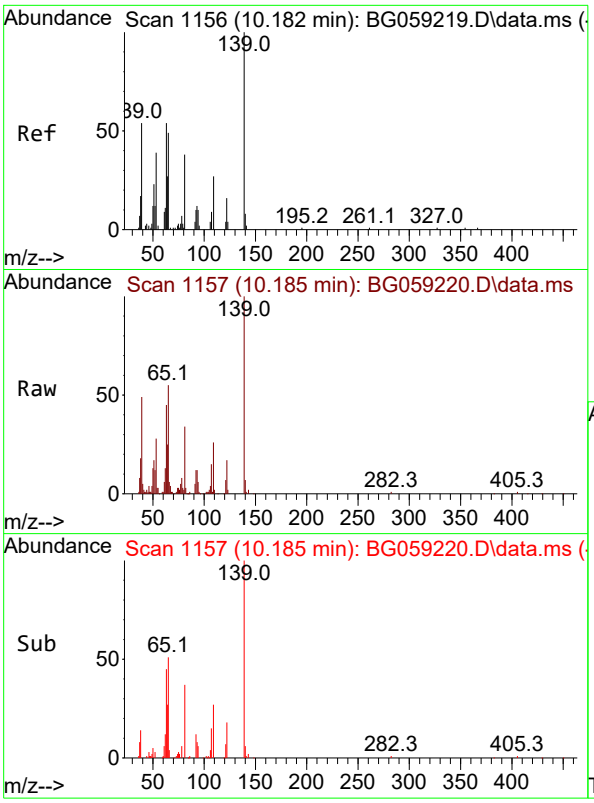


#23
Isophorone
Concen: 41.937 ng/ul
RT: 9.985 min Scan# 1123
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion: 82 Resp: 364224

Ion	Ratio	Lower	Upper
82	100		
95	6.2	4.7	7.1
138	15.8	13.5	20.3



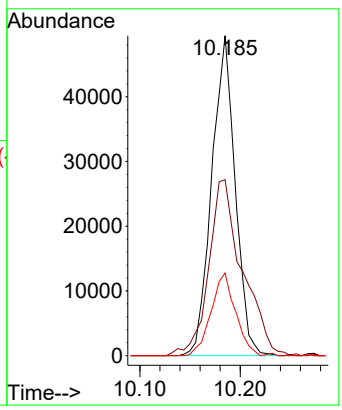


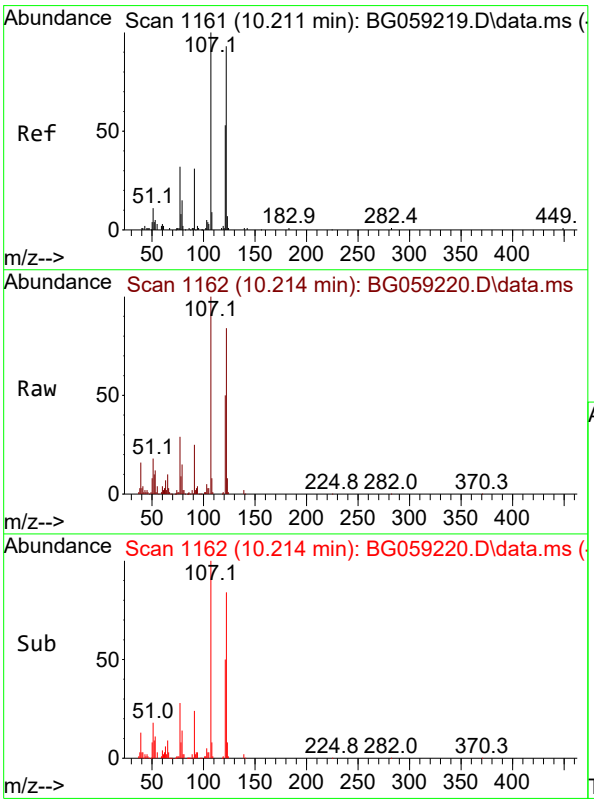
#25
2-Nitrophenol
Concen: 40.608 ng/ul
RT: 10.185 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:139 Resp: 80197

Ion	Ratio	Lower	Upper
139	100		
65	55.0	41.2	61.8
109	25.8	22.6	33.8

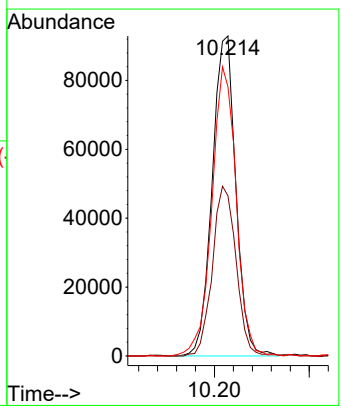


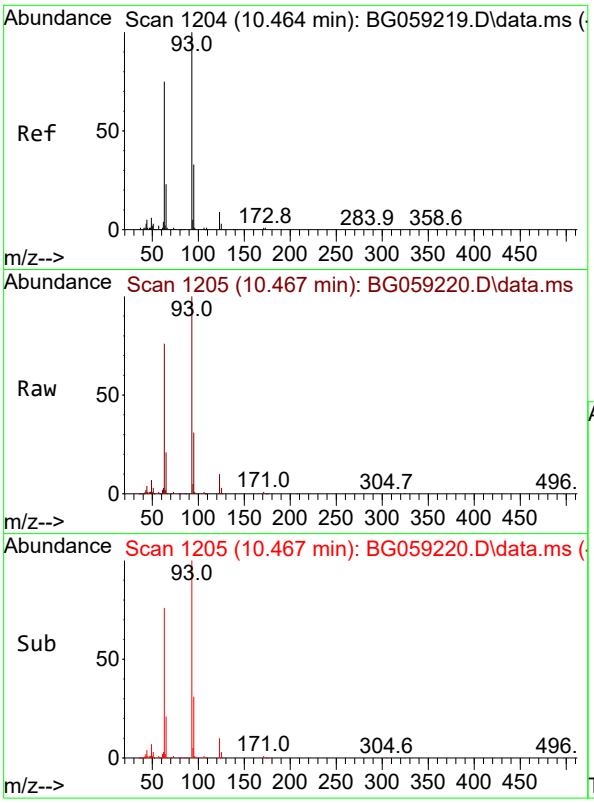


#26
2,4-Dimethylphenol
Concen: 41.945 ng/ul
RT: 10.214 min Scan# 1162
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:107 Resp: 160829

Ion	Ratio	Lower	Upper
107	100		
121	50.1	42.3	63.5
122	84.1	75.2	112.8



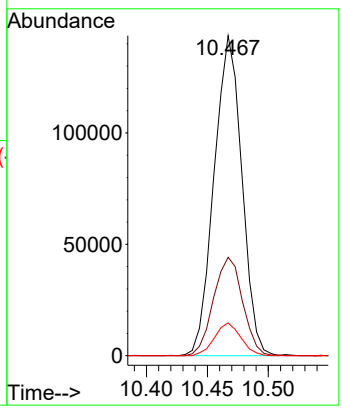


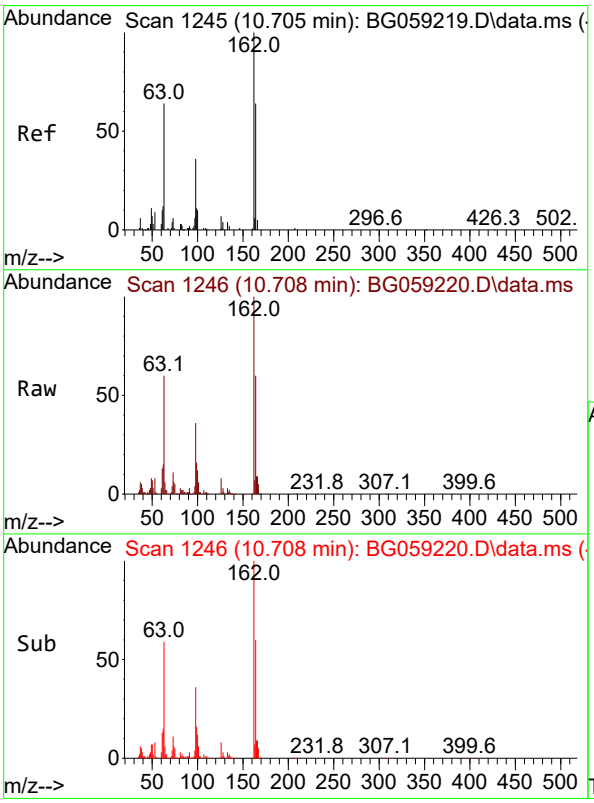
#27
Bis(2-Chloroethoxy)methane
Concen: 41.604 ng/ul
RT: 10.467 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion: 93 Resp: 227750

Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.5	39.7
123	10.3	7.3	10.9

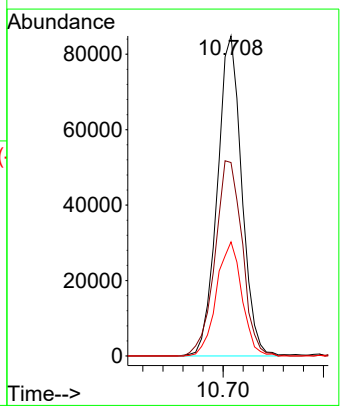


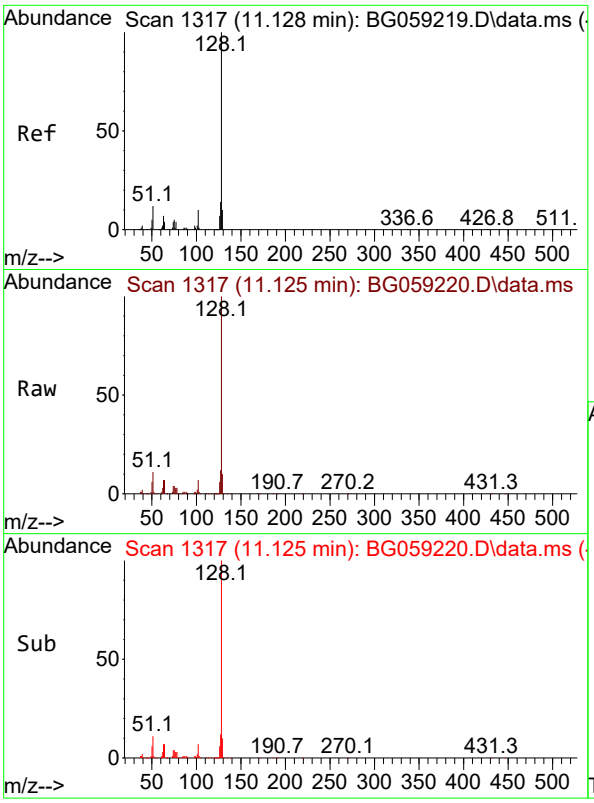


#29
2,4-Dichlorophenol
Concen: 41.453 ng/ul
RT: 10.708 min Scan# 1246
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:162 Resp: 143158

Ion	Ratio	Lower	Upper
162	100		
164	60.5	52.5	78.7
98	35.7	28.9	43.3



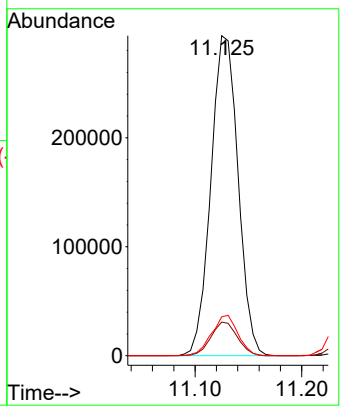


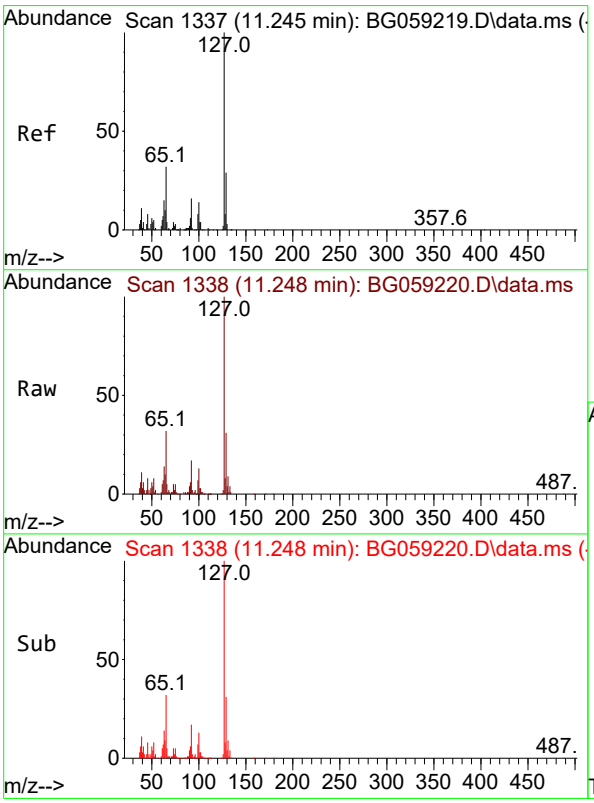
#30
Naphthalene
Concen: 41.822 ng/ul
RT: 11.125 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:128 Resp: 520117

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.0	12.0
127	12.2	11.1	16.7

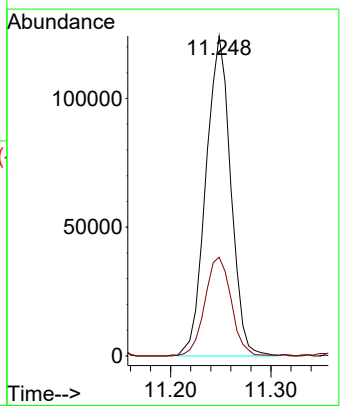


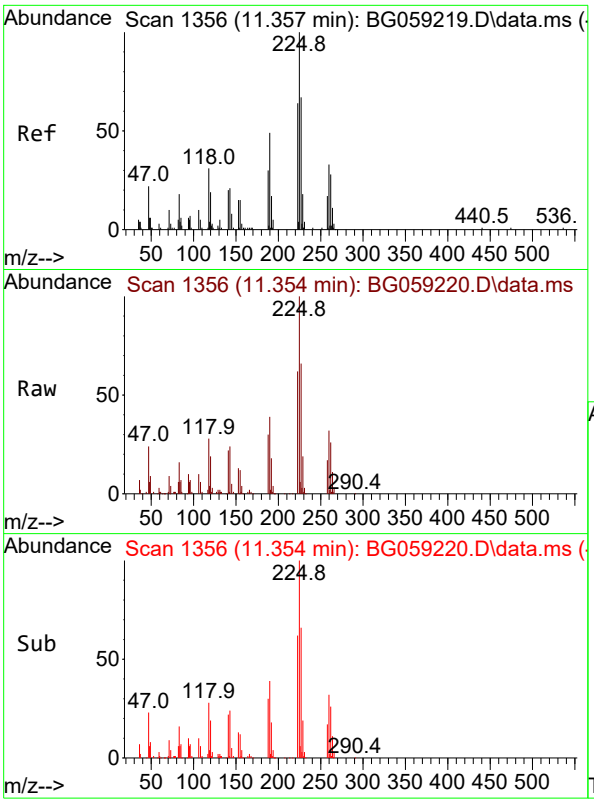


#32
4-Chloroaniline
Concen: 40.781 ng/ul
RT: 11.248 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:127 Resp: 214222

Ion	Ratio	Lower	Upper
127	100		
129	30.8	23.6	35.4



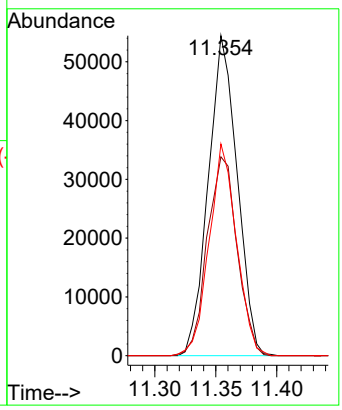


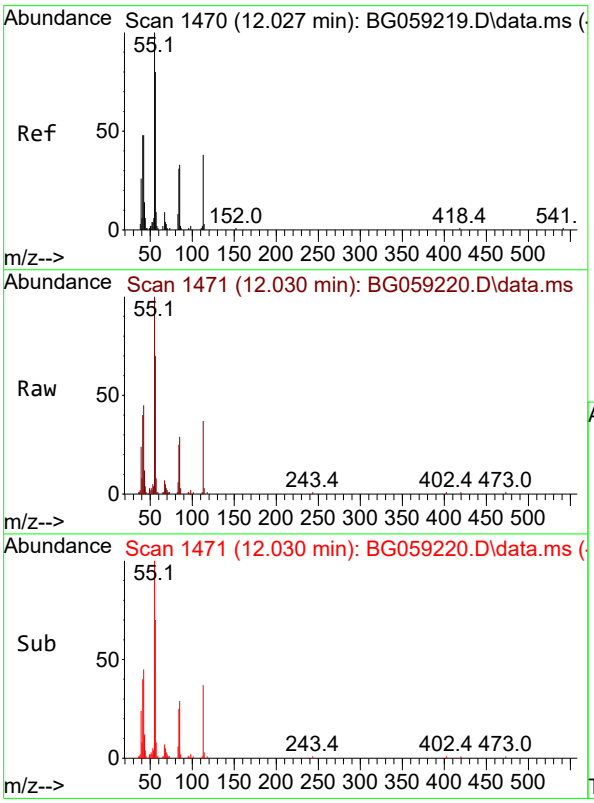
#33
Hexachlorobutadiene
Concen: 40.456 ng/ul
RT: 11.354 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:225 Resp: 89698

Ion	Ratio	Lower	Upper
225	100		
223	62.2	54.1	81.1
227	66.2	53.5	80.3

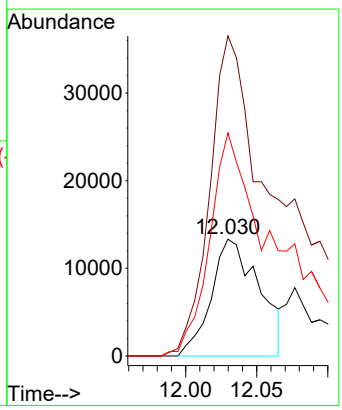


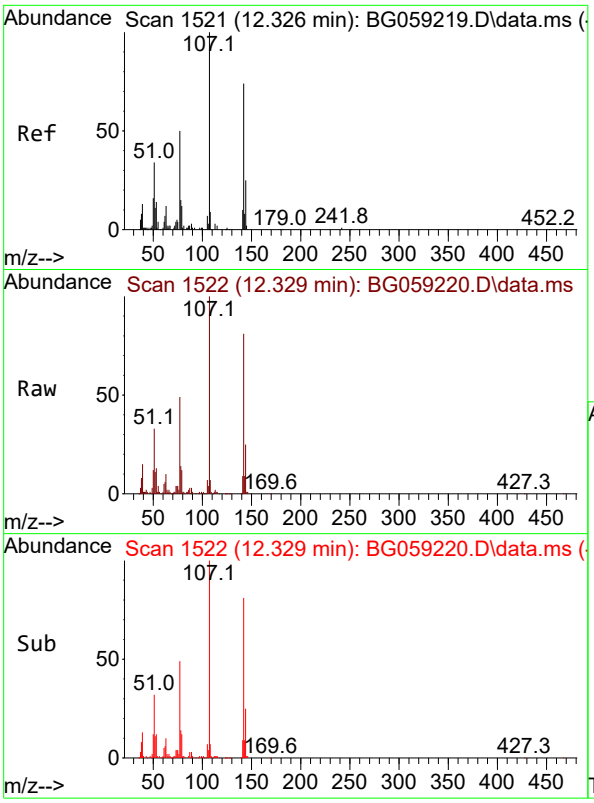


#34
Caprolactam
Concen: 25.611 ng/ul
RT: 12.030 min Scan# 1471
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:113 Resp: 31293

Ion	Ratio	Lower	Upper
113	100		
55	273.9	211.3	316.9
56	191.0	167.9	251.9





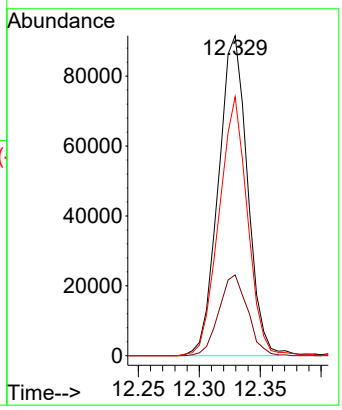
#35
4-Chloro-3-methylphenol
Concen: 41.467 ng/ul
RT: 12.329 min Scan# 1

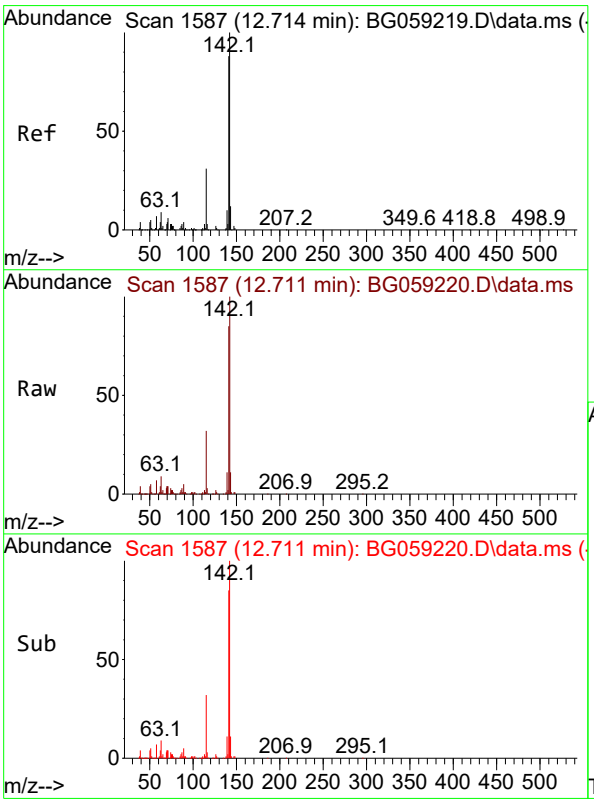
Instrument :
BNA_G
ClientSampleId :
SSTD040438

Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:107 Resp: 151872

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.2	30.2
142	80.9	58.8	88.2

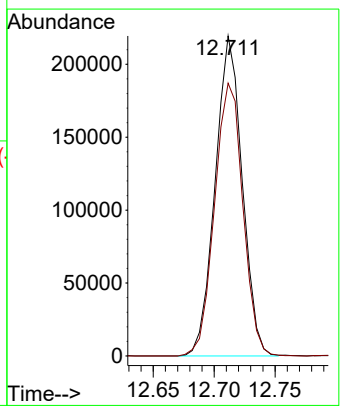


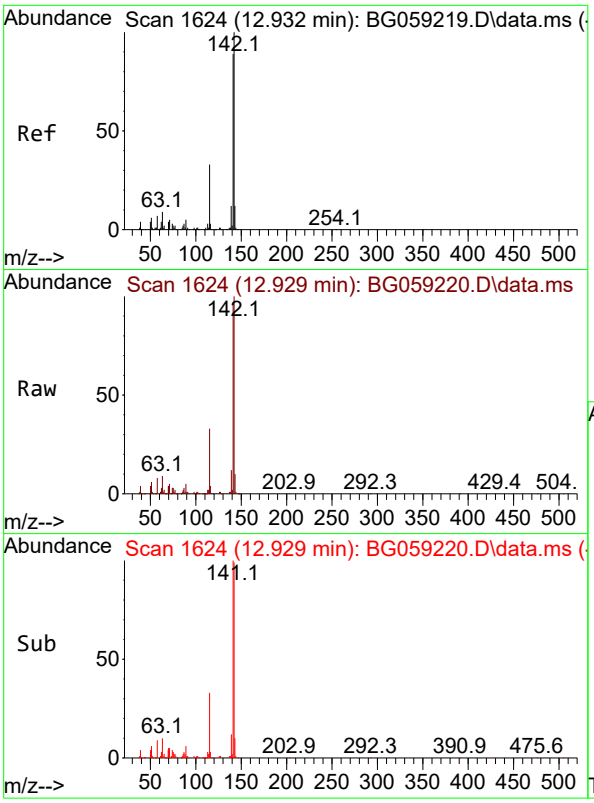


#36
2-Methylnaphthalene
Concen: 40.812 ng/ul
RT: 12.711 min Scan# 1587
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:142 Resp: 339022

Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.2	105.2



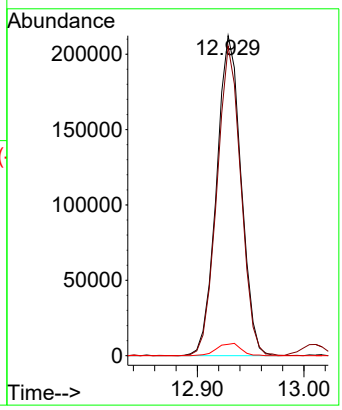


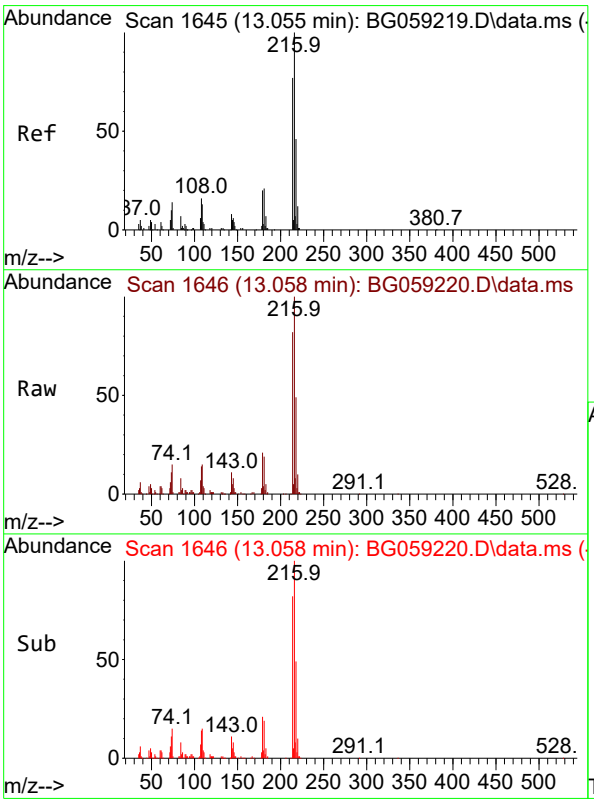
#37
1-Methylnaphthalene
Concen: 40.318 ng/ul
RT: 12.929 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:142 Resp: 339463

Ion	Ratio	Lower	Upper
142	100		
141	96.7	71.6	107.4
116	3.5	2.3	3.5#

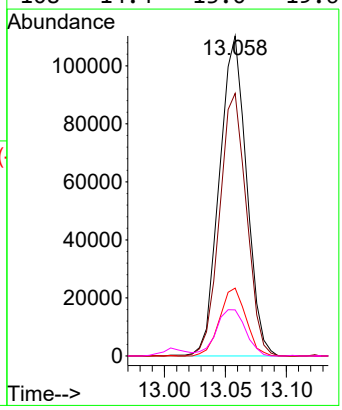


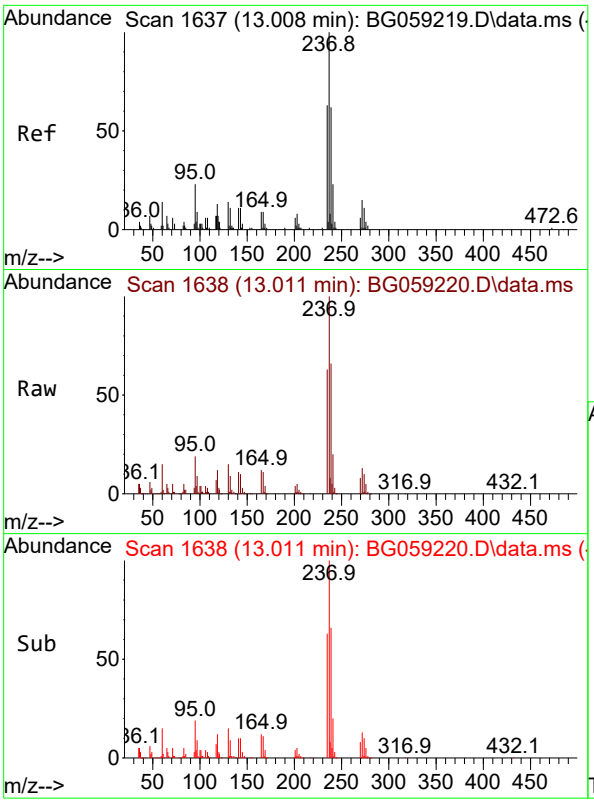


#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.176 ng/ul
RT: 13.058 min Scan# 1646
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:216 Resp: 170874

Ion	Ratio	Lower	Upper
216	100		
214	82.0	62.4	93.6
179	21.2	16.3	24.5
108	14.4	13.0	19.6



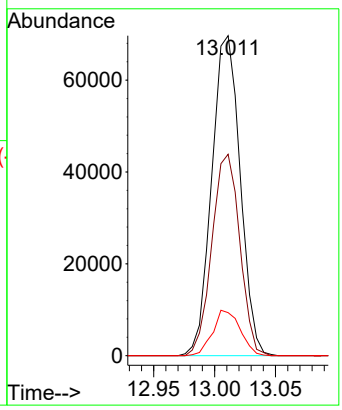


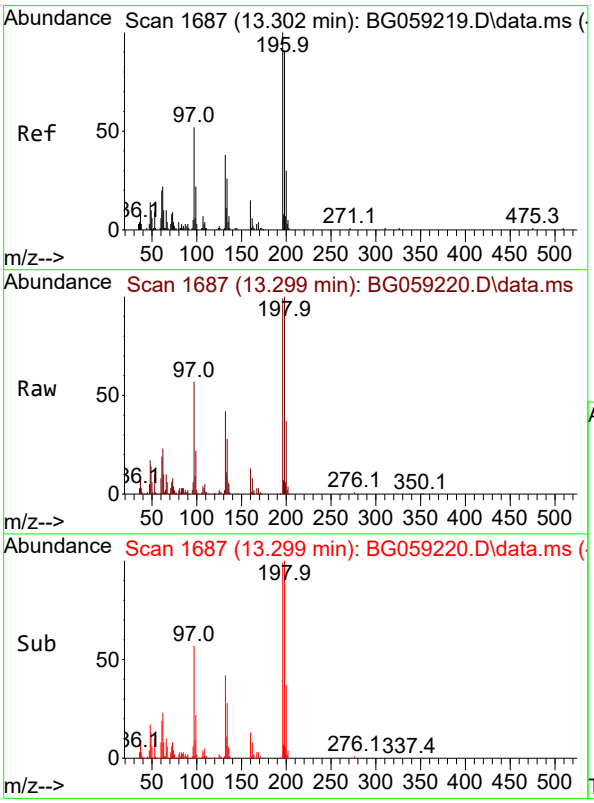
#40
Hexachlorocyclopentadiene
Concen: 41.505 ng/ul
RT: 13.011 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:237 Resp: 113272

Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.6	76.0
272	14.0	11.7	17.5

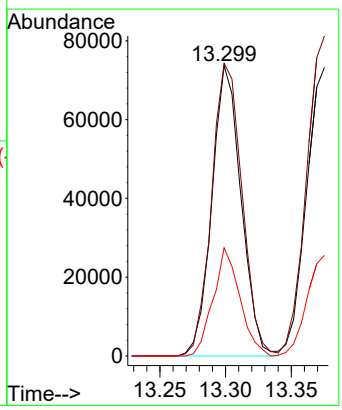


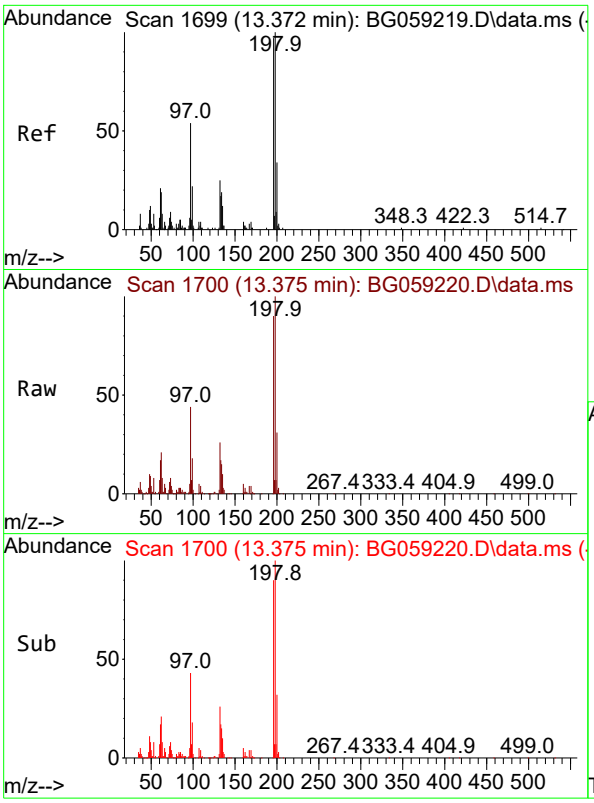


#41
2,4,6-Trichlorophenol
Concen: 41.215 ng/ul
RT: 13.299 min Scan# 1687
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:196 Resp: 114063

Ion	Ratio	Lower	Upper
196	100		
198	100.8	72.4	108.6
200	37.3	23.8	35.8#



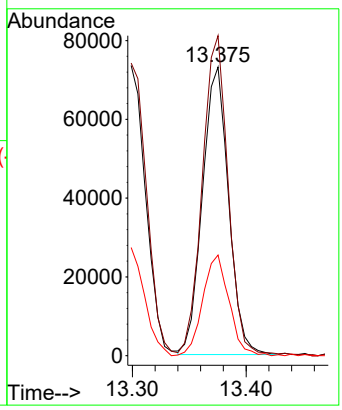


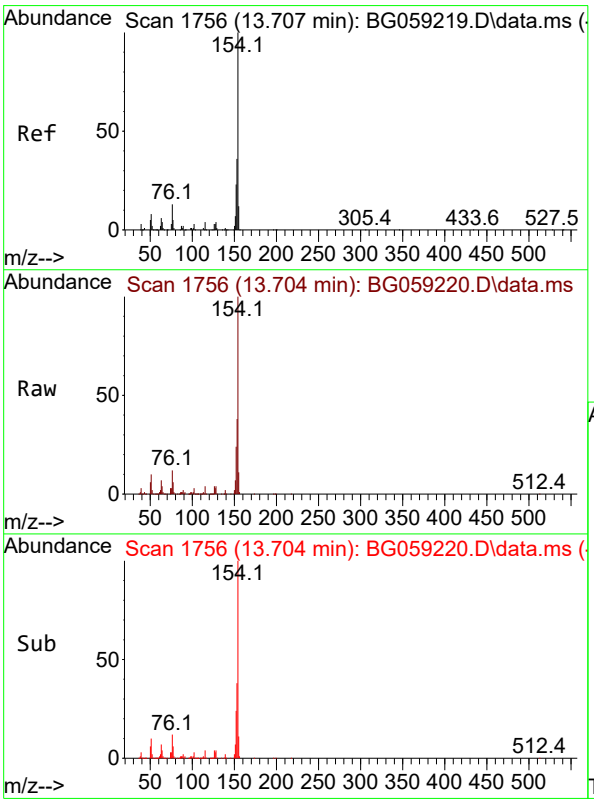
#42
2,4,5-Trichlorophenol
Concen: 39.014 ng/ul
RT: 13.375 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:196 Resp: 116693

Ion	Ratio	Lower	Upper
196	100		
198	110.9	82.2	123.4
200	34.9	28.2	42.2

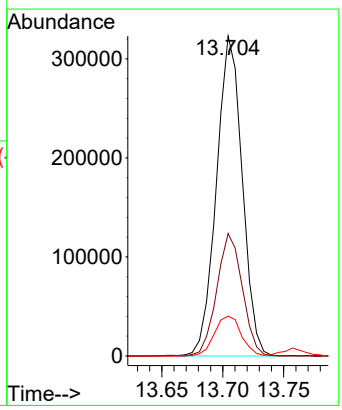


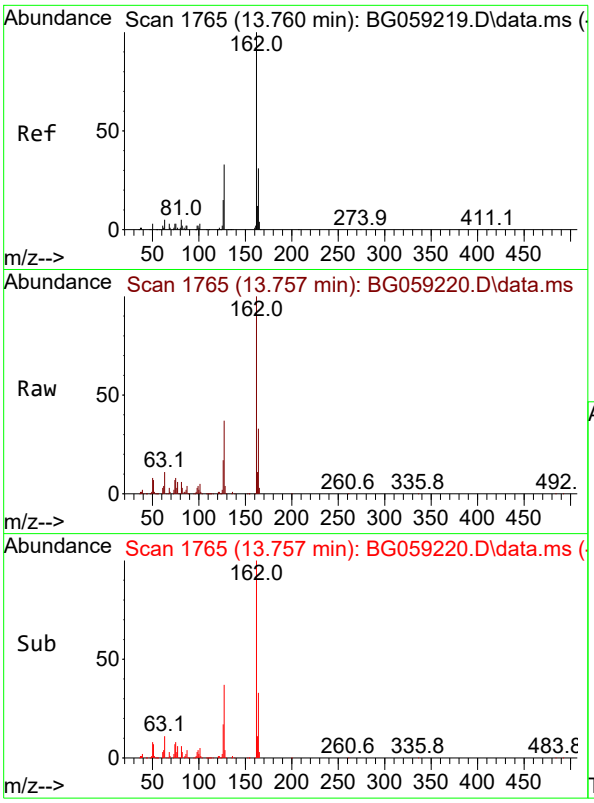


#43
1,1'-Biphenyl
Concen: 40.739 ng/ul
RT: 13.704 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:154 Resp: 475701

Ion	Ratio	Lower	Upper
154	100		
153	38.2	29.2	43.8
76	12.4	10.1	15.1



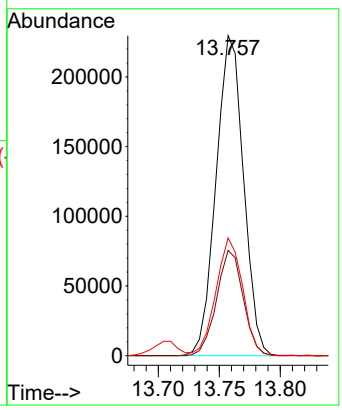


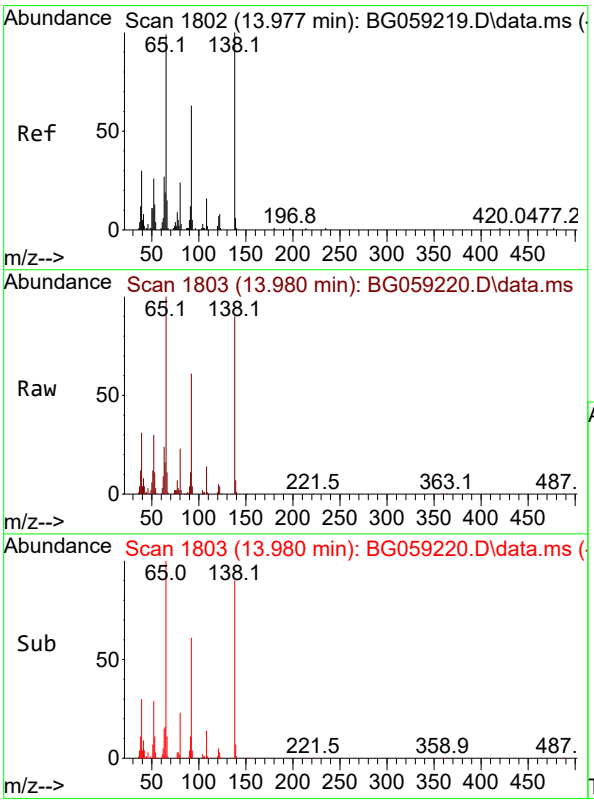
#44
2-Chloronaphthalene
Concen: 40.602 ng/ul
RT: 13.757 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:162 Resp: 360182

Ion	Ratio	Lower	Upper
162	100		
164	32.9	24.6	37.0
127	36.8	28.1	42.1

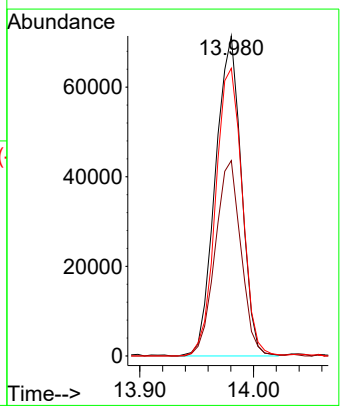


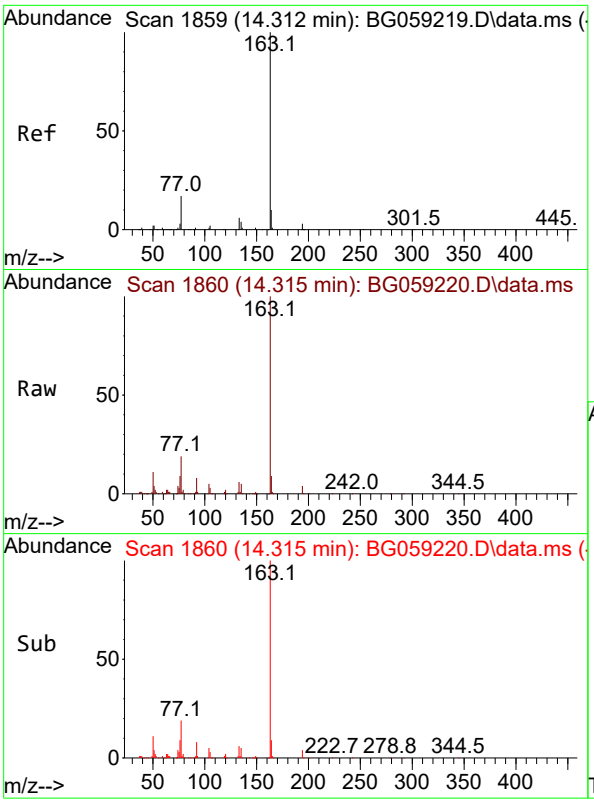


#45
2-Nitroaniline
Concen: 41.227 ng/ul
RT: 13.980 min Scan# 1803
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion: 65 Resp: 113307

Ion	Ratio	Lower	Upper
65	100		
92	61.1	51.0	76.4
138	89.9	80.5	120.7



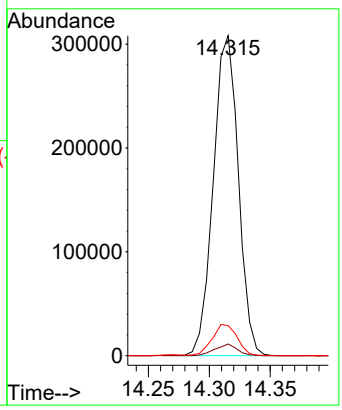


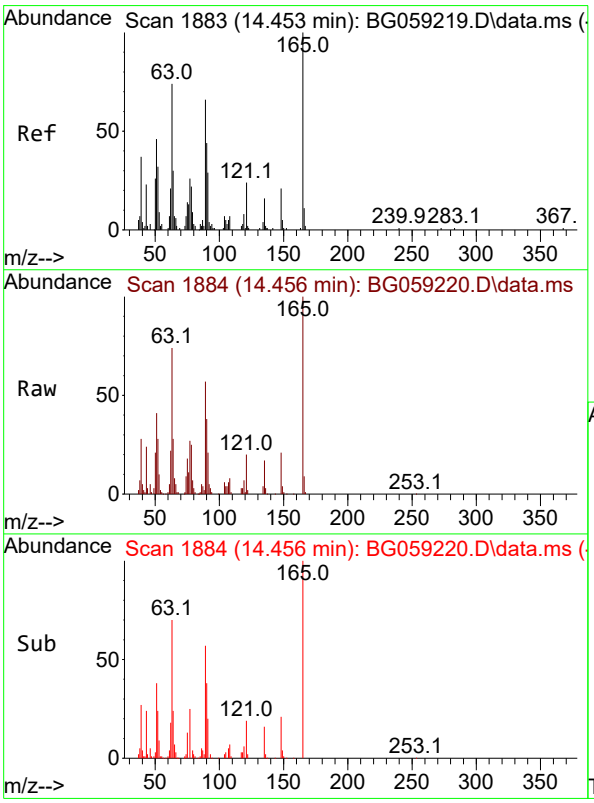
#47
Dimethylphthalate
Concen: 38.981 ng/ul
RT: 14.315 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:163 Resp: 440527

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.4	7.9	11.9

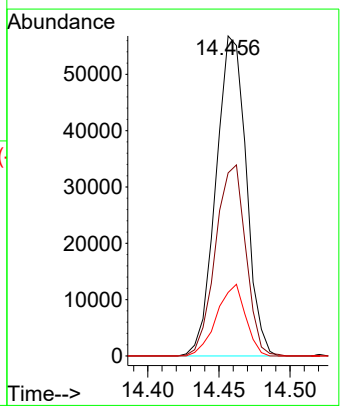


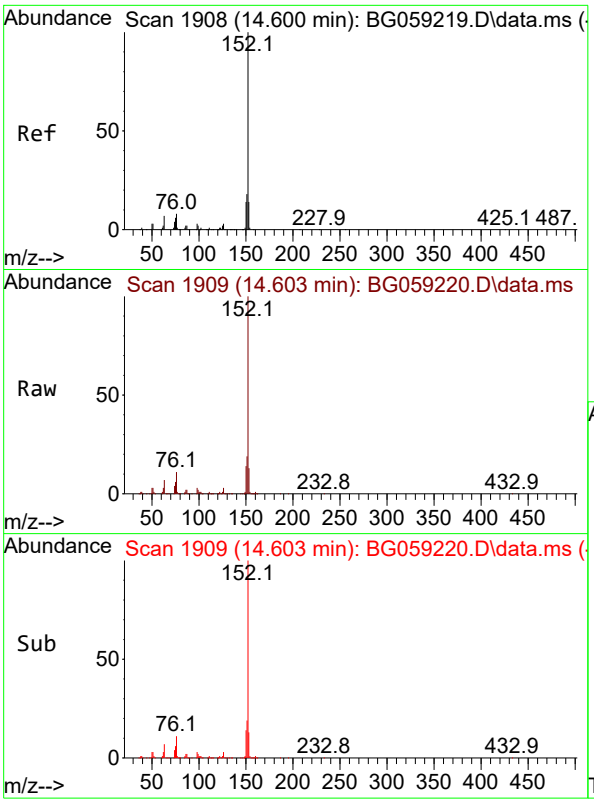


#48
2,6-Dinitrotoluene
Concen: 41.538 ng/ul
RT: 14.456 min Scan# 1884
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:165 Resp: 84013

Ion	Ratio	Lower	Upper
165	100		
89	57.2	53.0	79.4
121	19.9	19.2	28.8



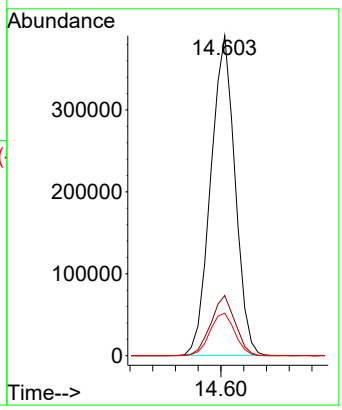


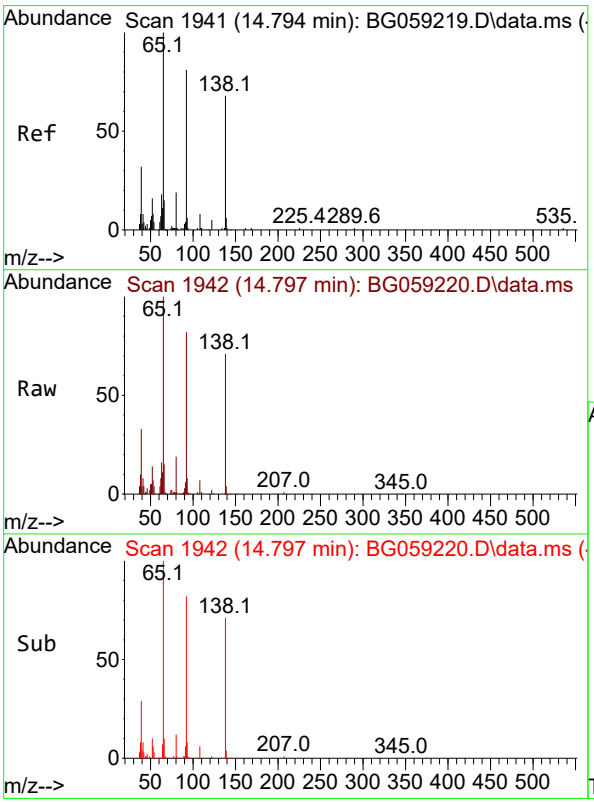
#50
Acenaphthylene
Concen: 39.731 ng/ul
RT: 14.603 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:152 Resp: 577899

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.6	21.8
153	13.2	10.9	16.3

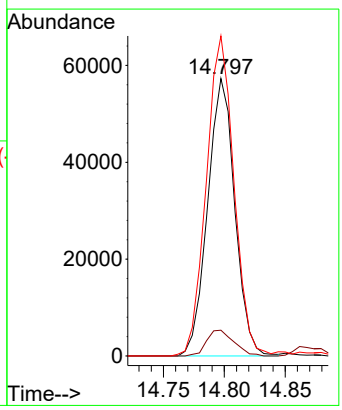


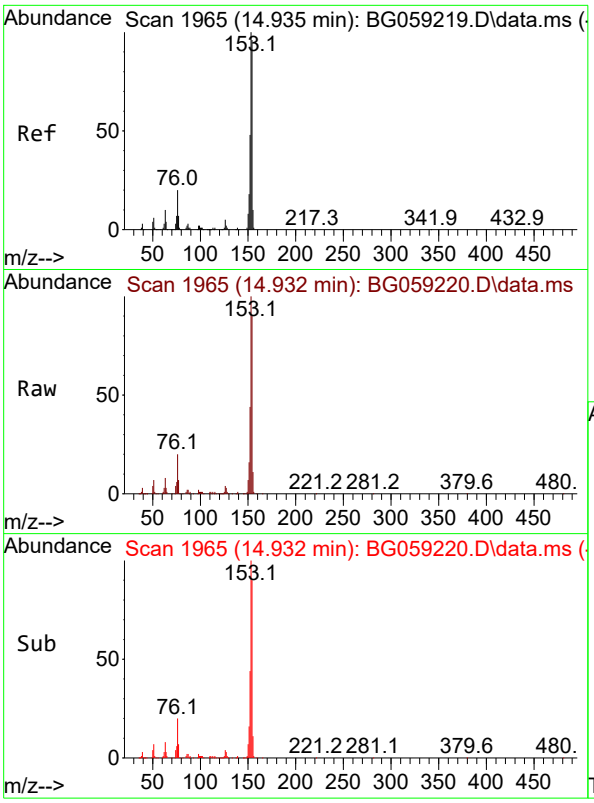


#51
3-Nitroaniline
Concen: 39.693 ng/ul
RT: 14.797 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:138 Resp: 88995

Ion	Ratio	Lower	Upper
138	100		
108	9.3	10.0	15.0#
92	115.3	95.0	142.6



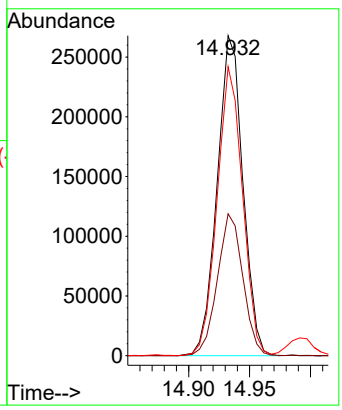


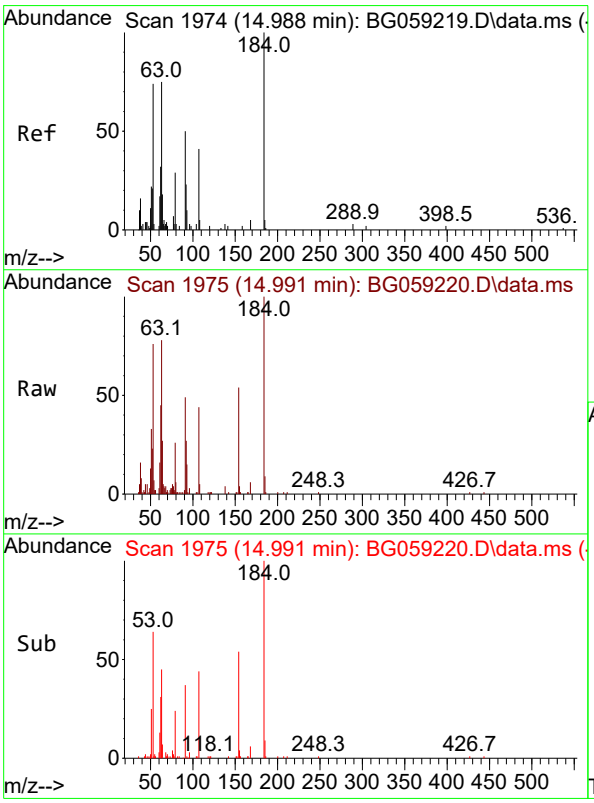
#52
Acenaphthene
Concen: 39.955 ng/ul
RT: 14.932 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:153 Resp: 393947

Ion	Ratio	Lower	Upper
153	100		
152	44.4	38.5	57.7
154	90.3	76.3	114.5

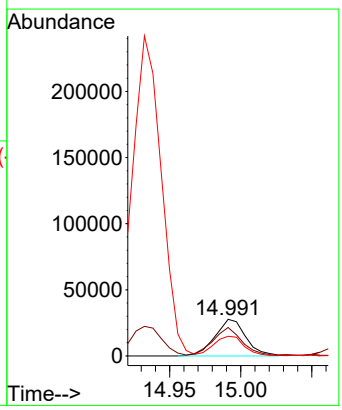


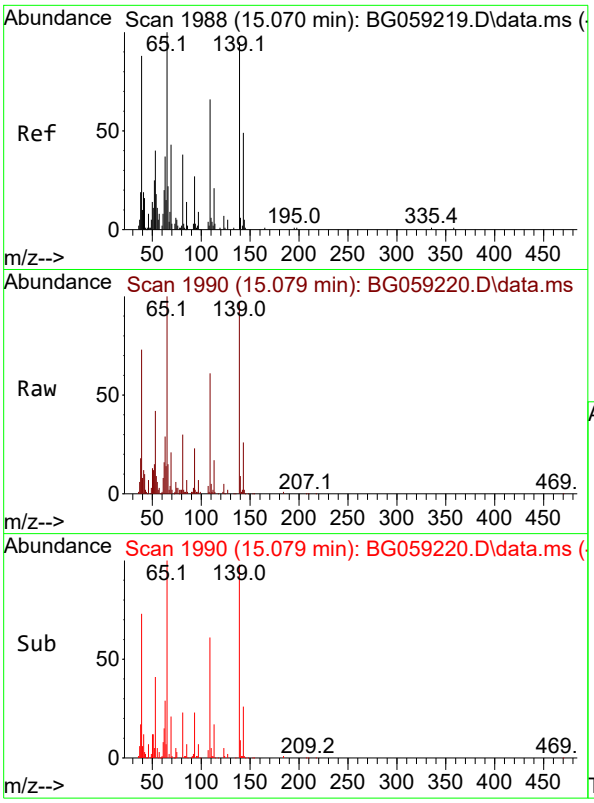


#53
2,4-Dinitrophenol
Concen: 34.256 ng/ul
RT: 14.991 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:184 Resp: 41744

Ion	Ratio	Lower	Upper
184	100		
63	77.8	69.9	104.9
154	53.7	38.6	58.0



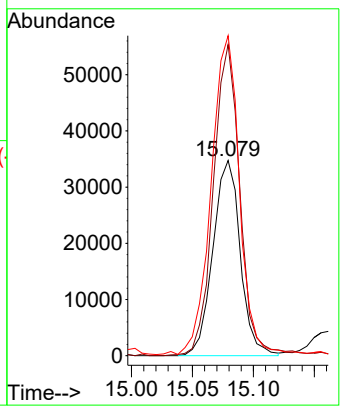


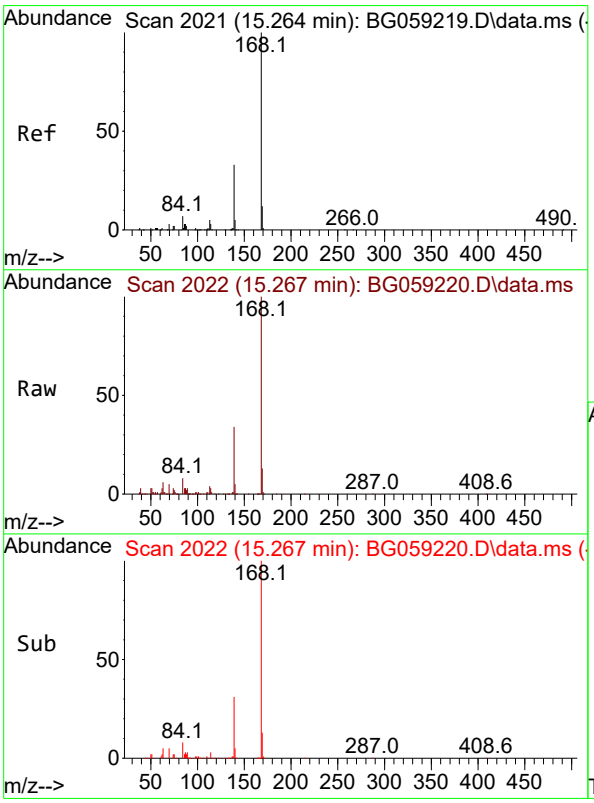
#55
4-Nitrophenol
Concen: 40.450 ng/ul
RT: 15.079 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:109 Resp: 54242

Ion	Ratio	Lower	Upper
109	100		
139	159.4	115.5	173.3
65	163.9	122.8	184.2

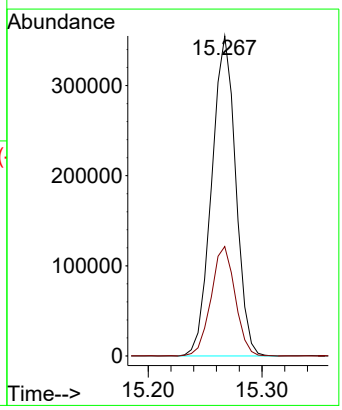


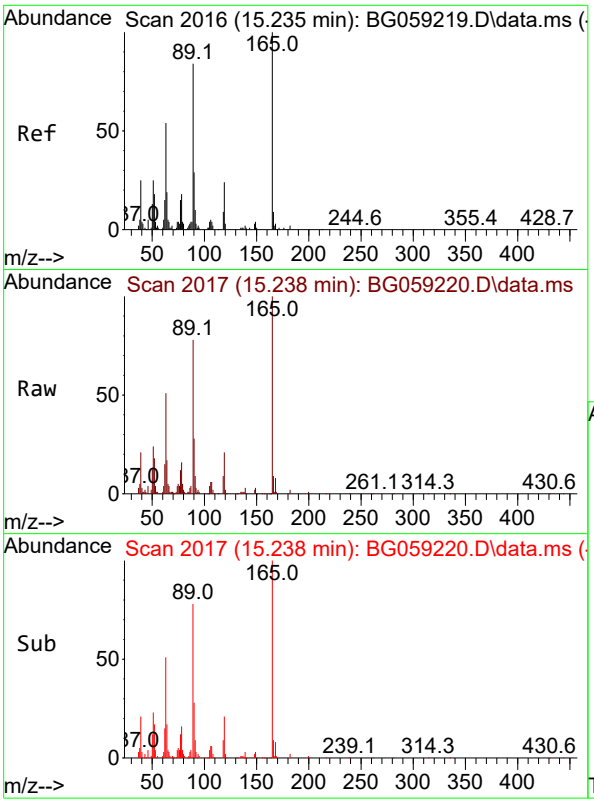


#56
Dibenzofuran
Concen: 39.790 ng/ul
RT: 15.267 min Scan# 2022
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:168 Resp: 521083

Ion	Ratio	Lower	Upper
168	100		
139	34.2	26.6	39.8



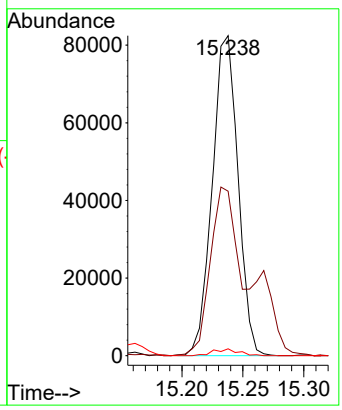


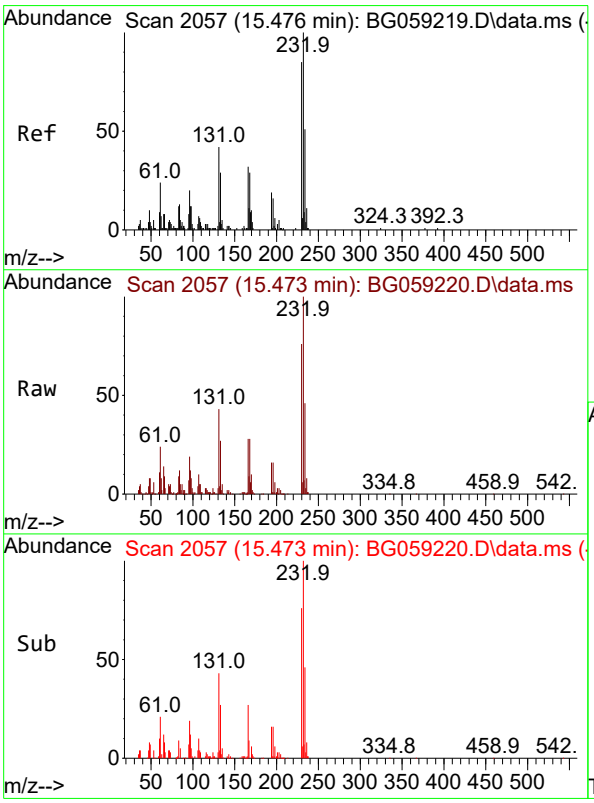
#57
2,4-Dinitrotoluene
Concen: 41.045 ng/ul
RT: 15.238 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:165 Resp: 121133

Ion	Ratio	Lower	Upper
165	100		
63	51.4	43.5	65.3
182	2.1	1.8	2.6

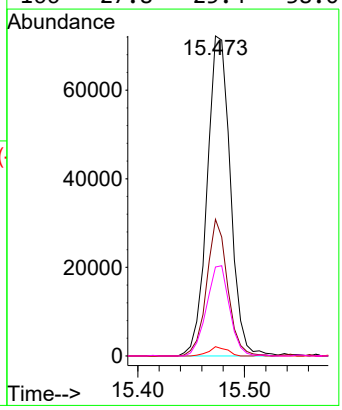


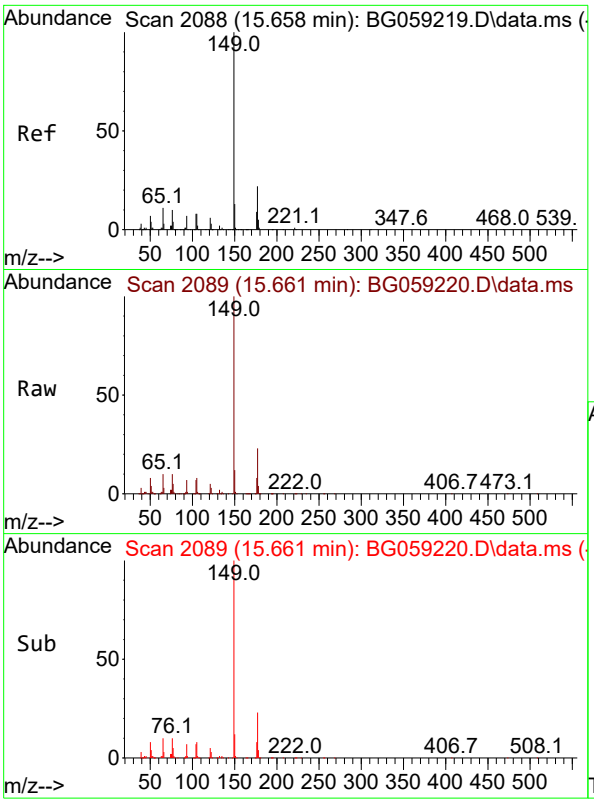


#58
2,3,4,6-Tetrachlorophenol
Concen: 39.829 ng/ul
RT: 15.473 min Scan# 2057
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:232 Resp: 108902

Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.9	50.9
130	2.9	1.5	2.3#
166	27.8	25.4	38.0



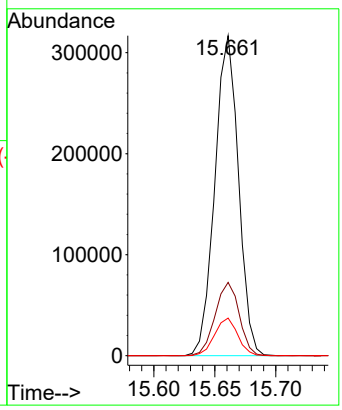


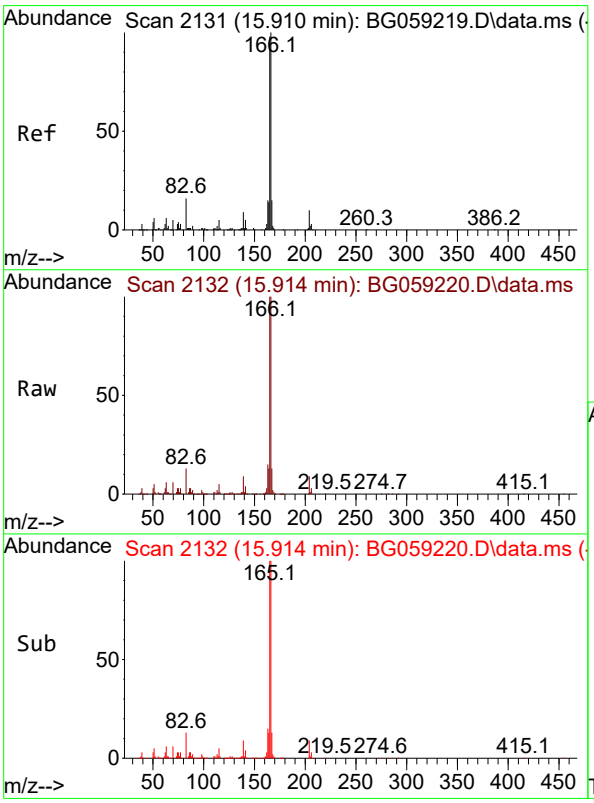
#59
Diethylphthalate
Concen: 38.689 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:149 Resp: 427543

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.3	25.9
150	11.8	10.0	15.0

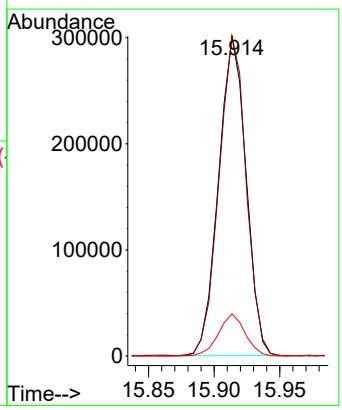


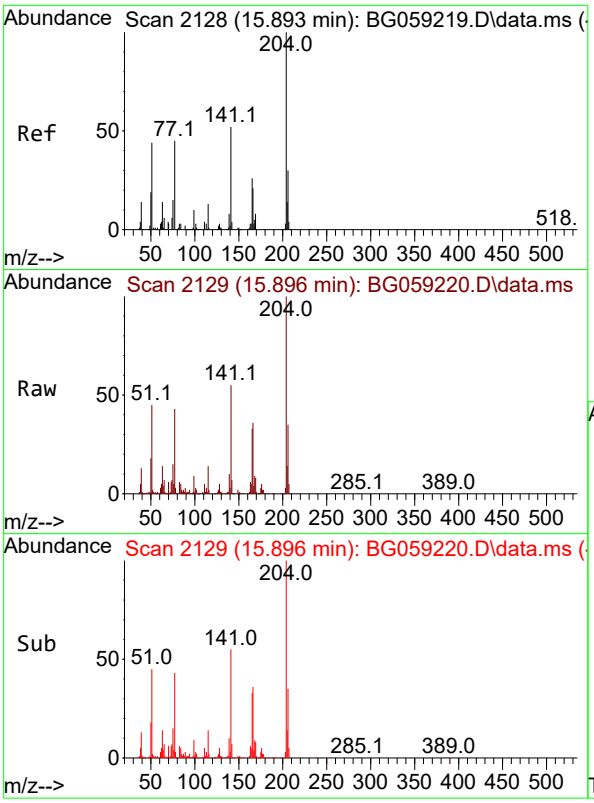


#61
Fluorene
Concen: 39.693 ng/ul
RT: 15.914 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:166 Resp: 438597

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	118.0
167	13.2	11.8	17.8



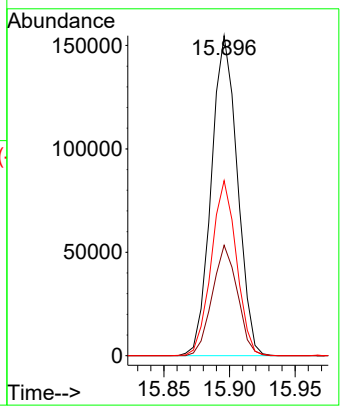


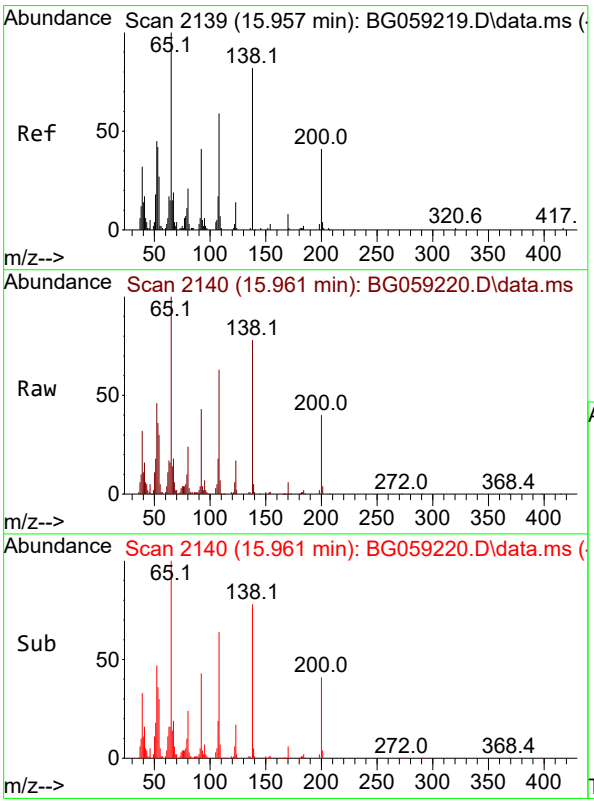
#62
4-Chlorophenyl-phenylether
Concen: 38.718 ng/ul
RT: 15.896 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:204 Resp: 213779

Ion	Ratio	Lower	Upper
204	100		
206	34.5	23.7	35.5
141	54.7	41.6	62.4

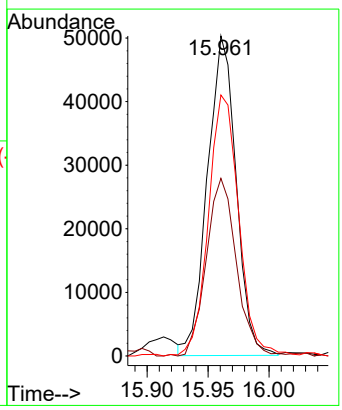


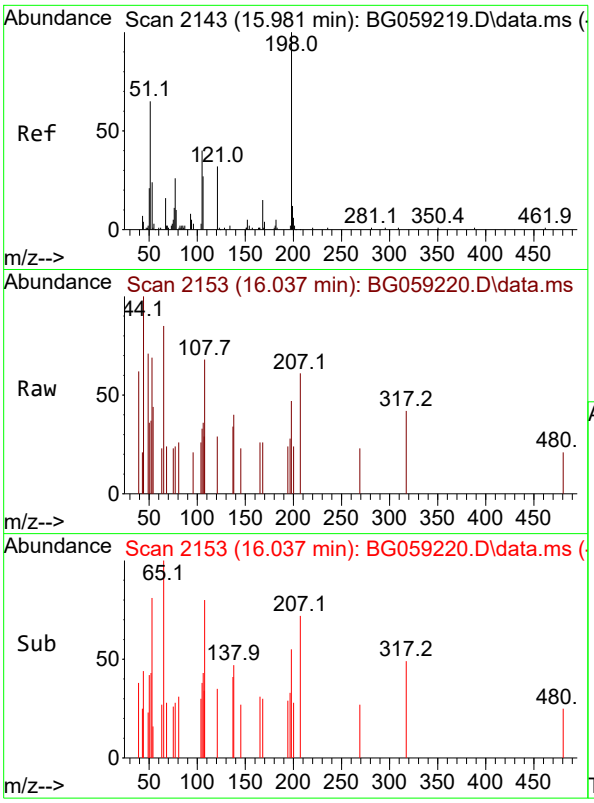


#63
4-Nitroaniline
Concen: 38.697 ng/ul
RT: 15.961 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:138 Resp: 82195

Ion	Ratio	Lower	Upper
138	100		
92	55.5	41.0	61.6
108	81.5	57.0	85.4



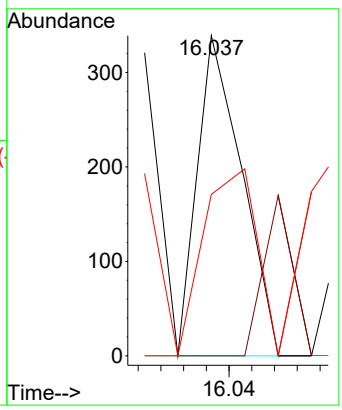


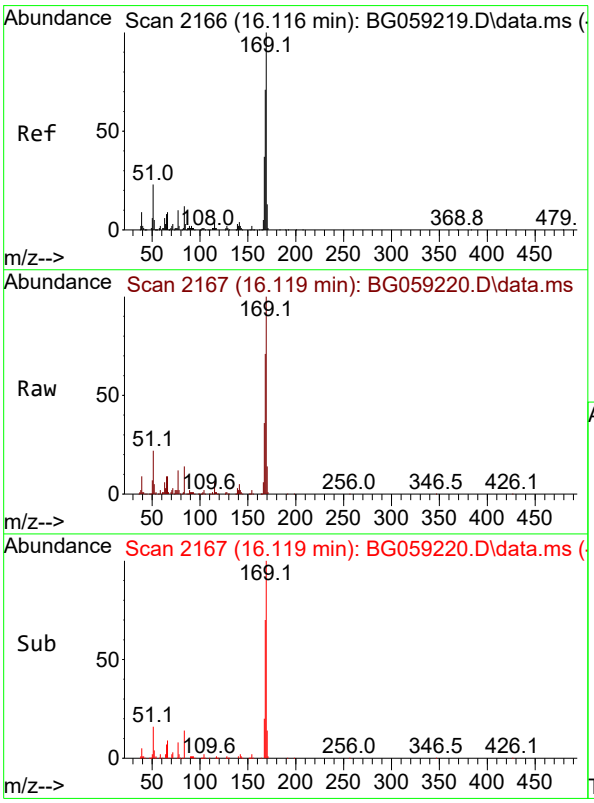
#66
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng/ul
RT: 16.037 min Scan# 21
Delta R.T. 0.056 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:198 Resp: 185

Ion	Ratio	Lower	Upper
198	100		
182	0.0	4.4	6.6#
77	50.4	23.2	34.8#

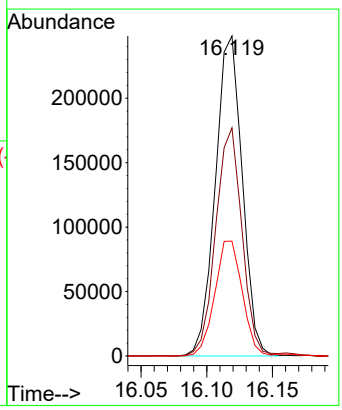


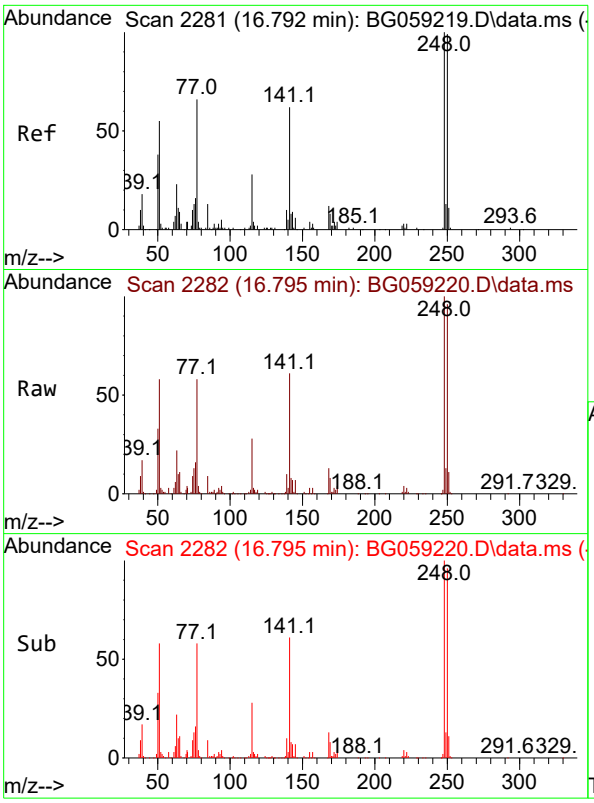


#67
N-Nitrosodiphenylamine
Concen: 22.141 ng/ul
RT: 16.119 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:169 Resp: 353997

Ion	Ratio	Lower	Upper
169	100		
168	71.3	57.0	85.6
167	35.9	29.8	44.6



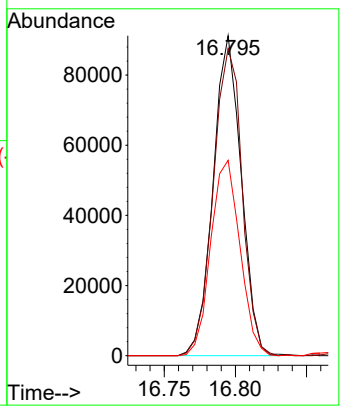


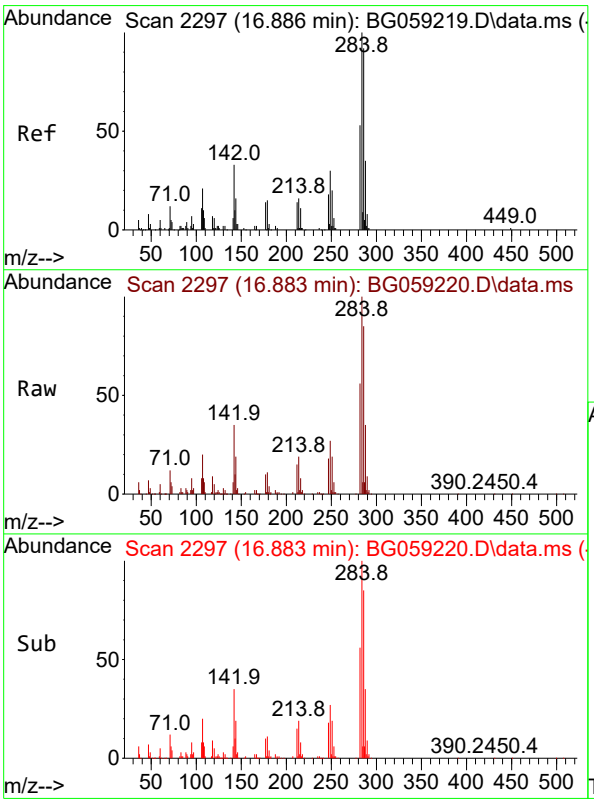
#68
4-Bromophenyl-phenylether
Concen: 21.672 ng/ul
RT: 16.795 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:248 Resp: 125473

Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.9	118.3
141	61.1	49.6	74.4

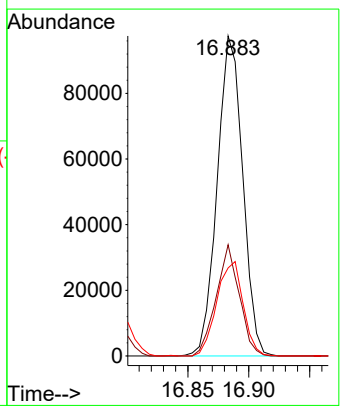


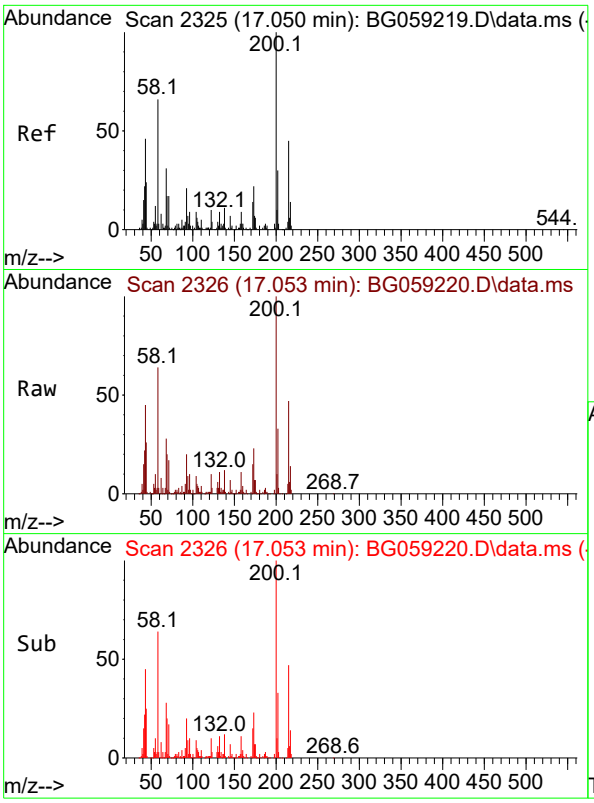


#69
Hexachlorobenzene
Concen: 21.402 ng/ul
RT: 16.883 min Scan# 2297
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:284 Resp: 142018

Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.8	40.2
249	27.5	24.2	36.4



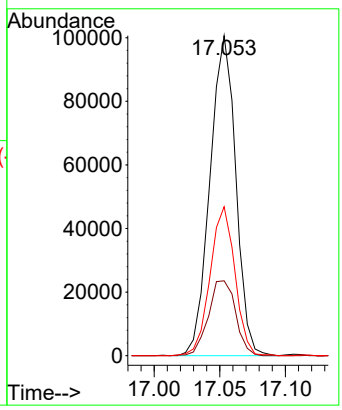


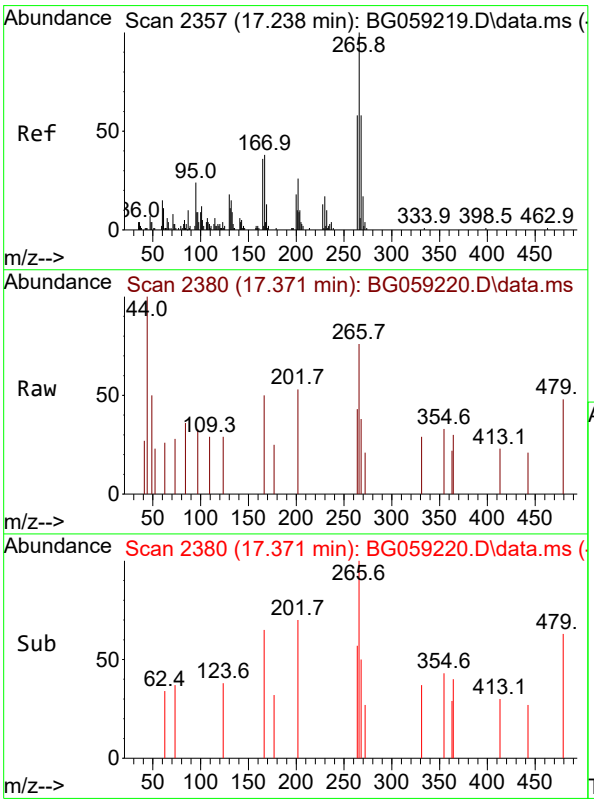
#70
Atrazine
Concen: 22.325 ng/ul
RT: 17.053 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:200 Resp: 137586

Ion	Ratio	Lower	Upper
200	100		
173	23.4	17.4	26.0
215	46.5	35.8	53.6

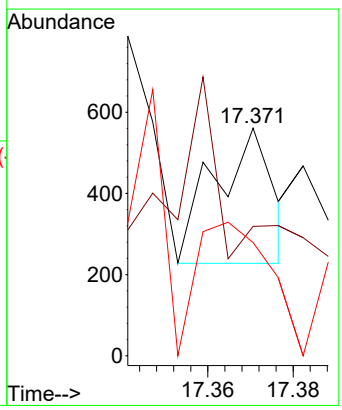


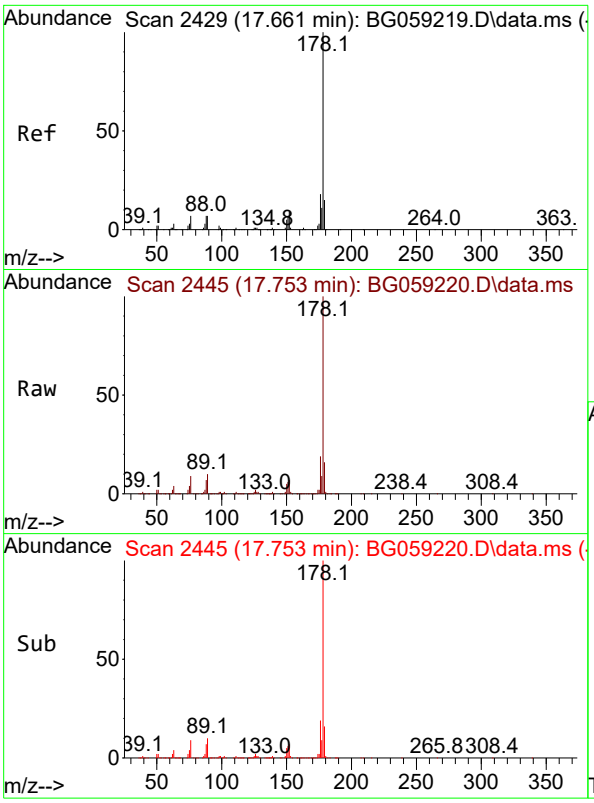


#71
Pentachlorophenol
Concen: 0.075 ng/ul
RT: 17.371 min Scan# 2380
Delta R.T. 0.132 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:266 Resp: 317

Ion	Ratio	Lower	Upper
266	100		
264	56.9	46.4	69.6
268	49.7	46.0	69.0



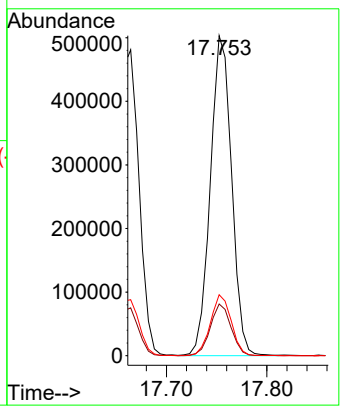


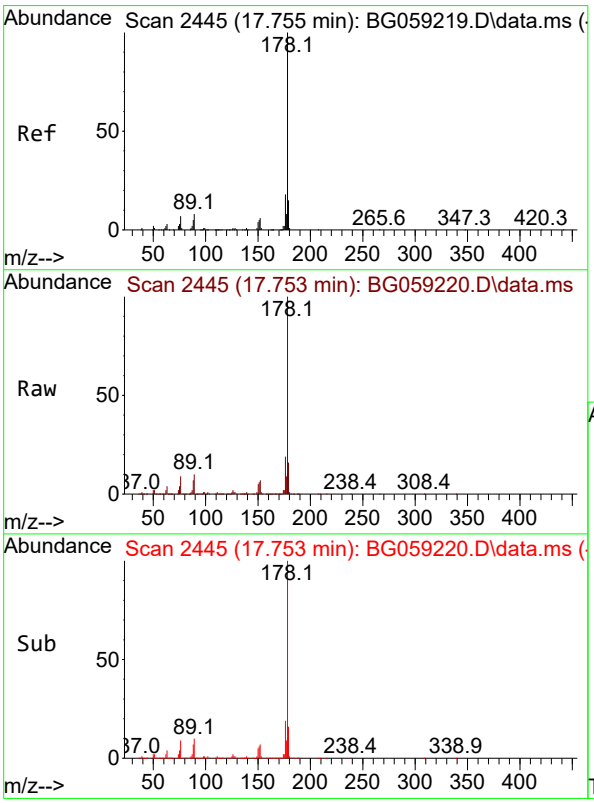
#72
Phenanthrene
Concen: 22.233 ng/ul
RT: 17.753 min Scan# 24
Delta R.T. 0.091 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:178 Resp: 741217

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.0	14.6	21.8

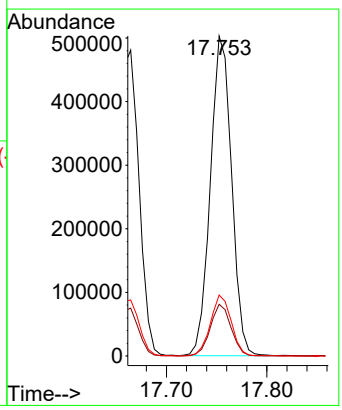


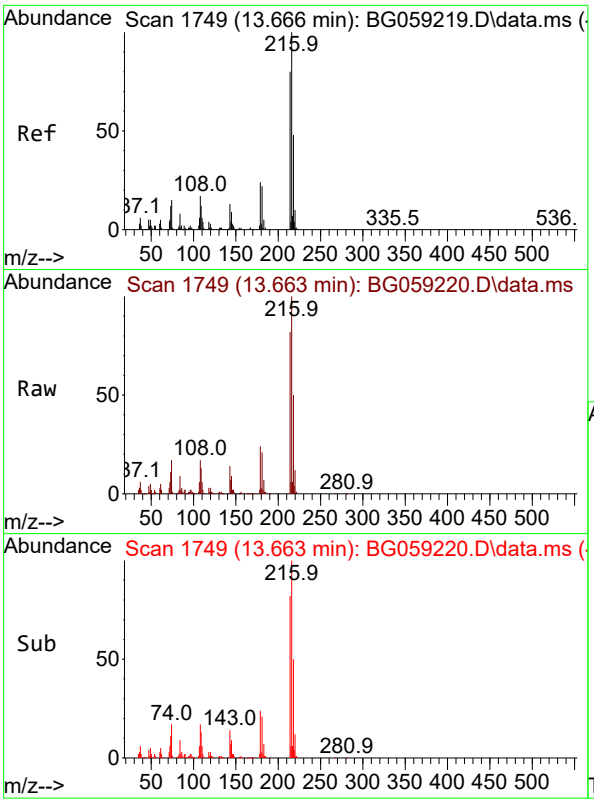


#74
Anthracene
Concen: 21.645 ng/ul
RT: 17.753 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:178 Resp: 738496

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.0	18.0
176	19.0	14.5	21.7



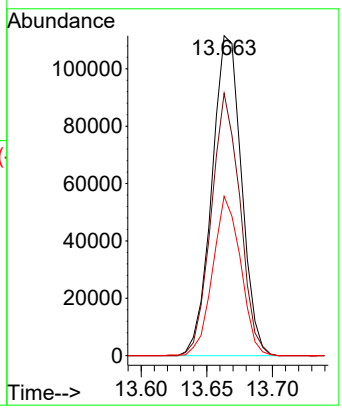


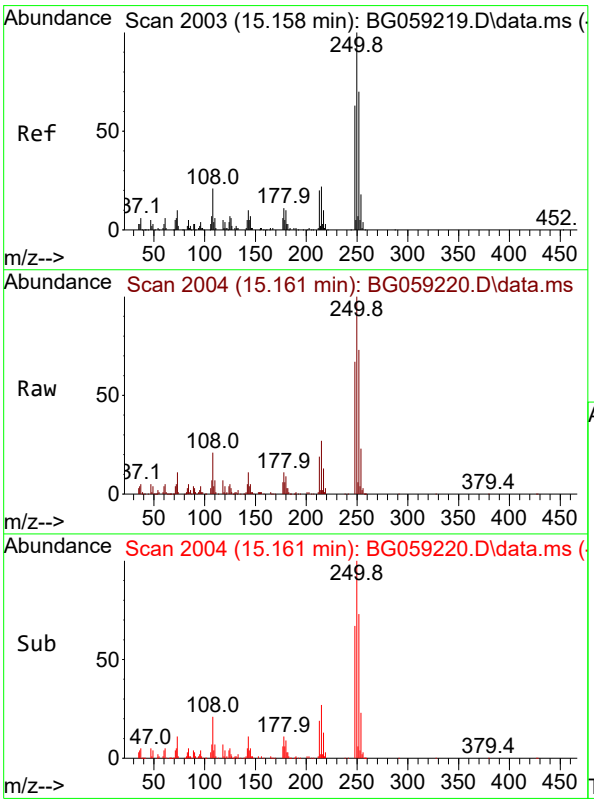
#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.959 ng/uL
RT: 13.663 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:216 Resp: 174914

Ion	Ratio	Lower	Upper
216	100		
214	82.0	64.3	96.5
218	49.8	38.6	57.8

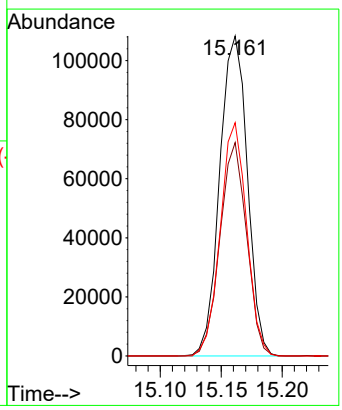


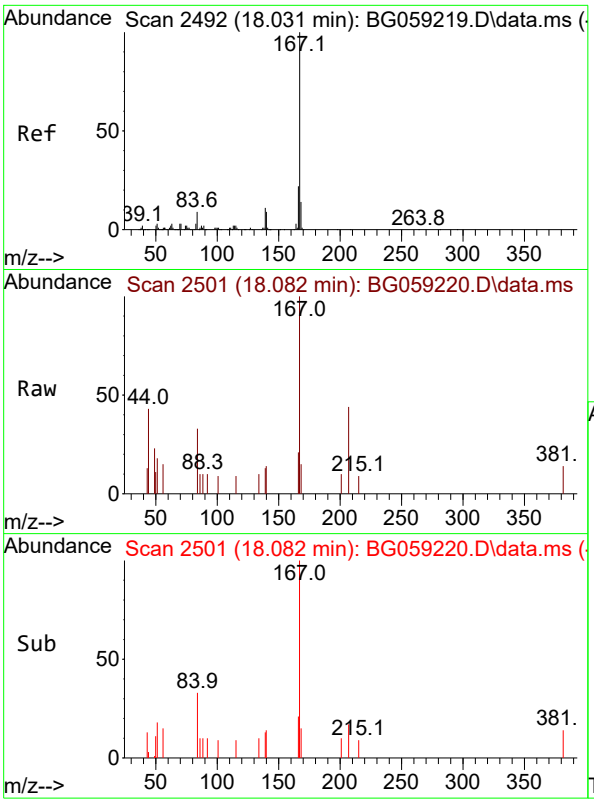


#76
Pentachlorobenzene
Concen: 22.868 ng/uL
RT: 15.161 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:250 Resp: 170698

Ion	Ratio	Lower	Upper
250	100		
248	66.7	50.4	75.6
252	72.9	55.8	83.6



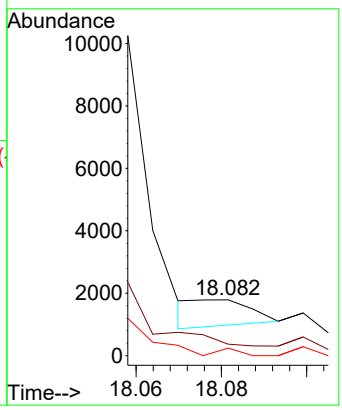


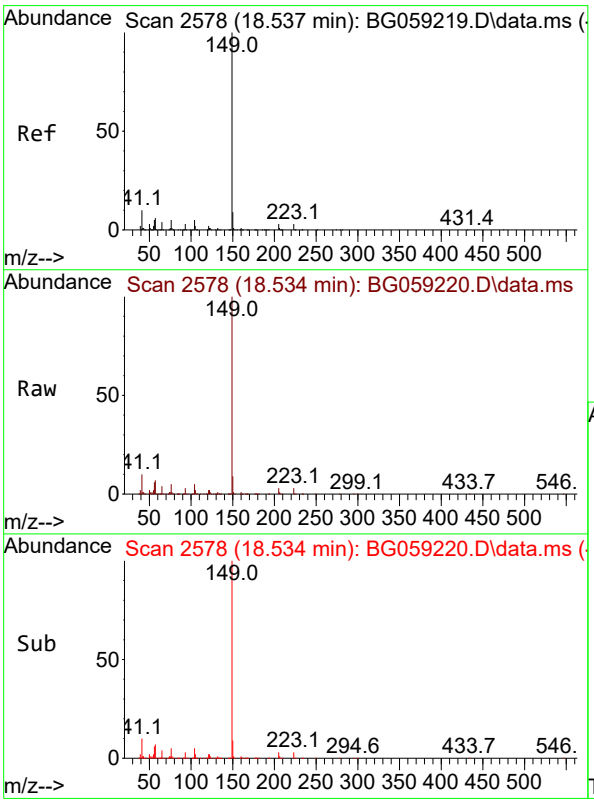
#77
Carbazole
Concen: 0.028 ng/ul
RT: 18.082 min Scan# 2
Delta R.T. 0.050 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:167 Resp: 791

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.4	26.0
139	13.4	9.0	13.4

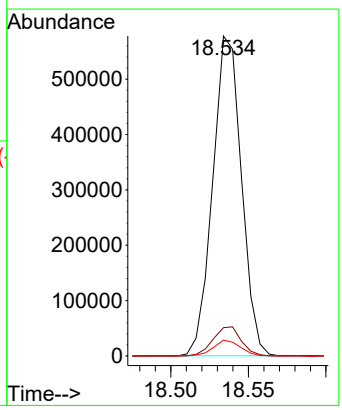


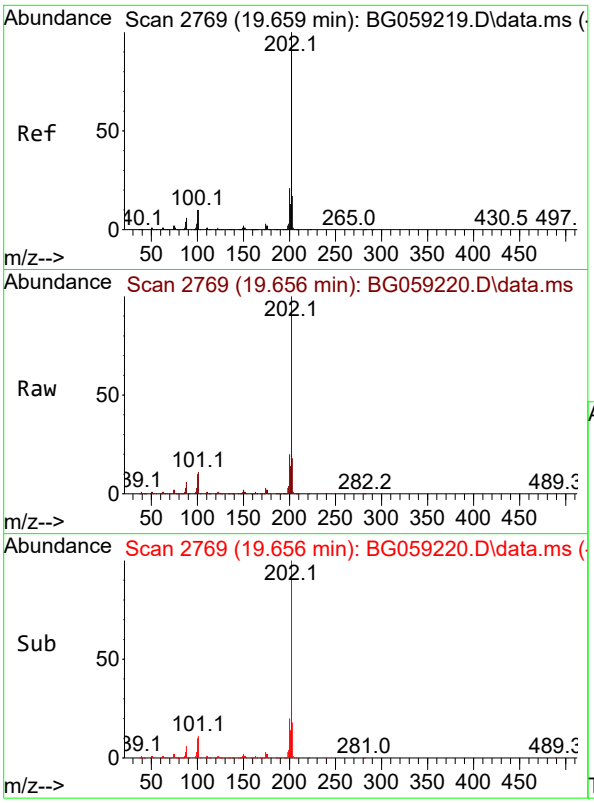


#78
Di-n-butylphthalate
Concen: 21.567 ng/ul
RT: 18.534 min Scan# 2578
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:149 Resp: 744100

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.0	3.6	5.4



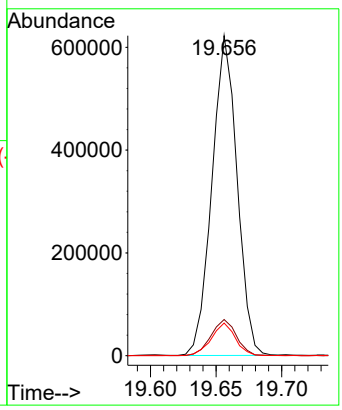


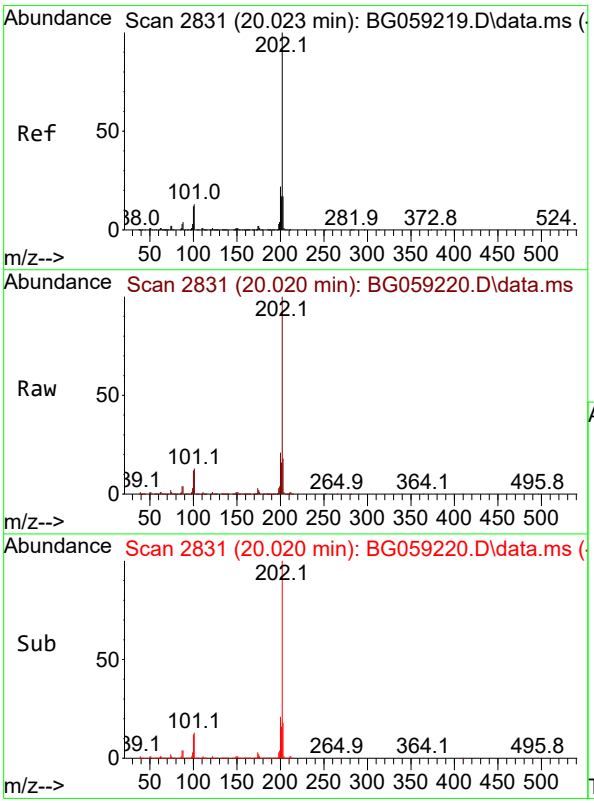
#80
Fluoranthene
Concen: 41.990 ng/ul
RT: 19.656 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:202 Resp: 828530

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.2	12.4
100	10.2	8.2	12.2

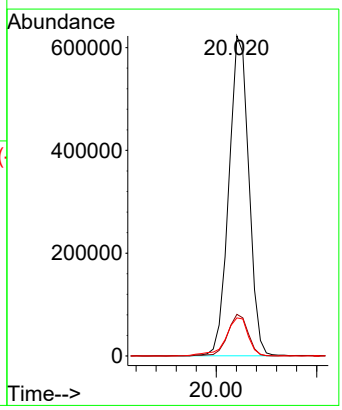


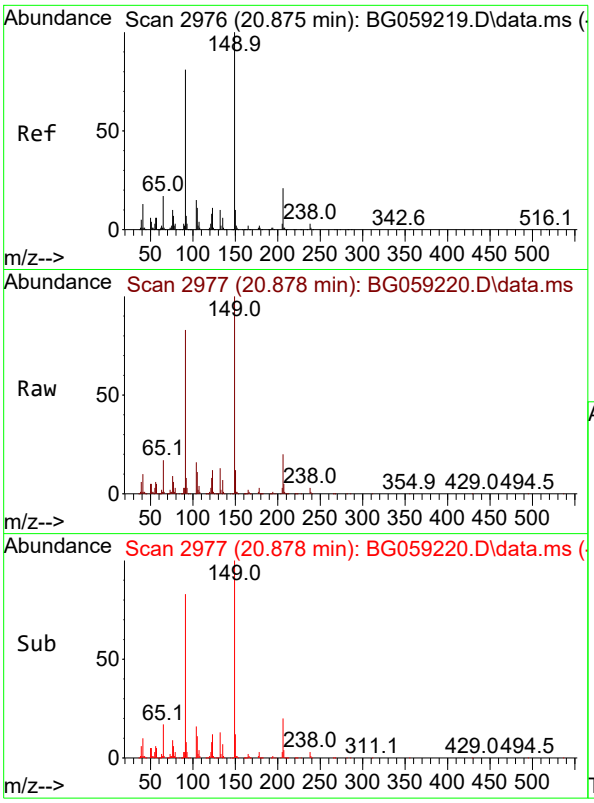


#82
Pyrene
Concen: 41.596 ng/ul
RT: 20.020 min Scan# 2831
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:202 Resp: 859696

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.4
100	11.9	9.6	14.4



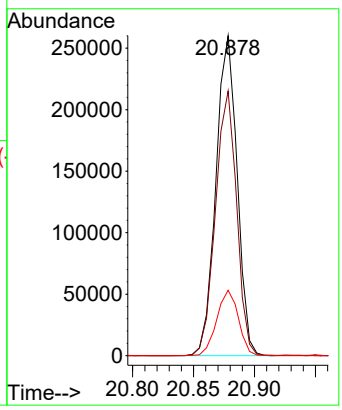


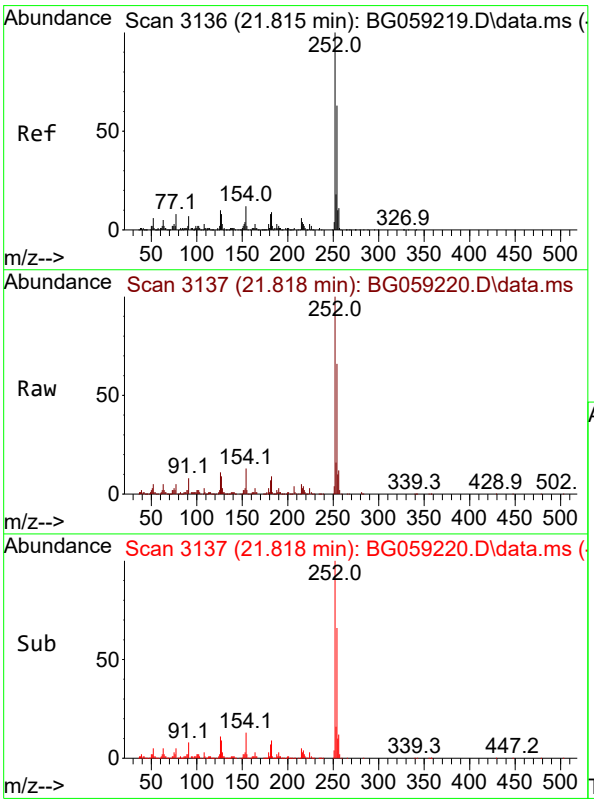
#83
Butylbenzylphthalate
Concen: 42.486 ng/ul
RT: 20.878 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:149 Resp: 315626

Ion	Ratio	Lower	Upper
149	100		
91	82.7	64.5	96.7
206	20.5	17.0	25.6

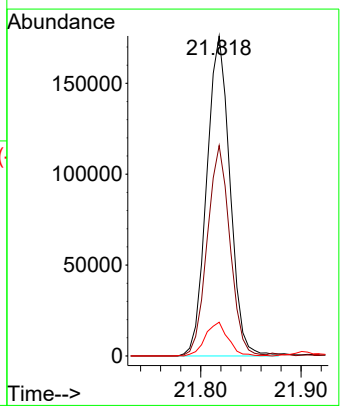


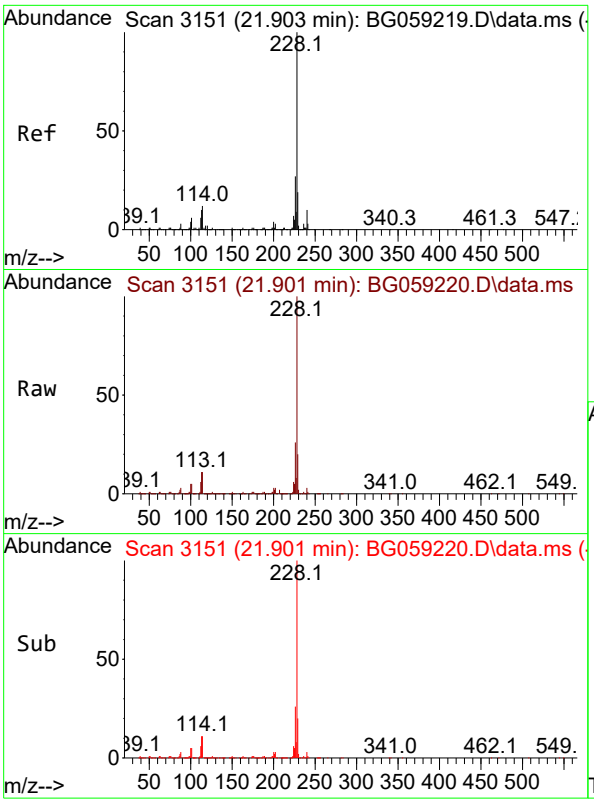


#84
3,3'-Dichlorobenzidine
Concen: 43.068 ng/ul
RT: 21.818 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:252 Resp: 282529

Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.2	75.2
126	10.6	7.9	11.9



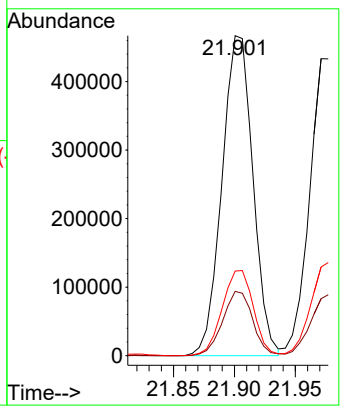


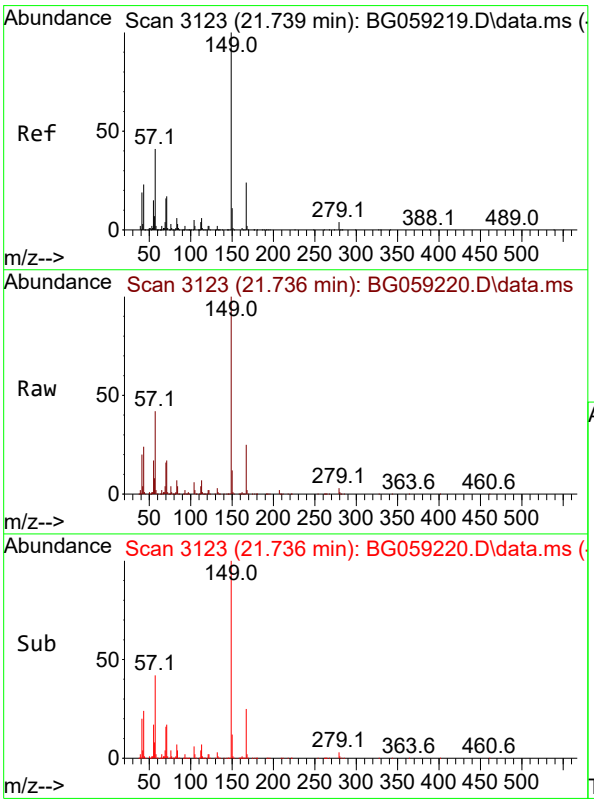
#85
Benzo(a)anthracene
Concen: 41.623 ng/ul
RT: 21.901 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:228 Resp: 824730

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	26.4	21.4	32.2

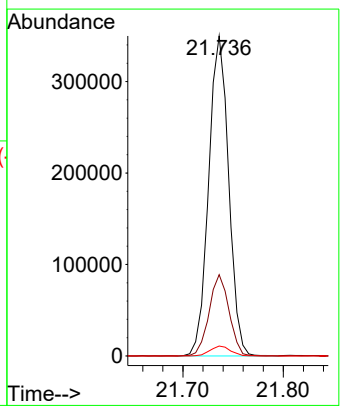


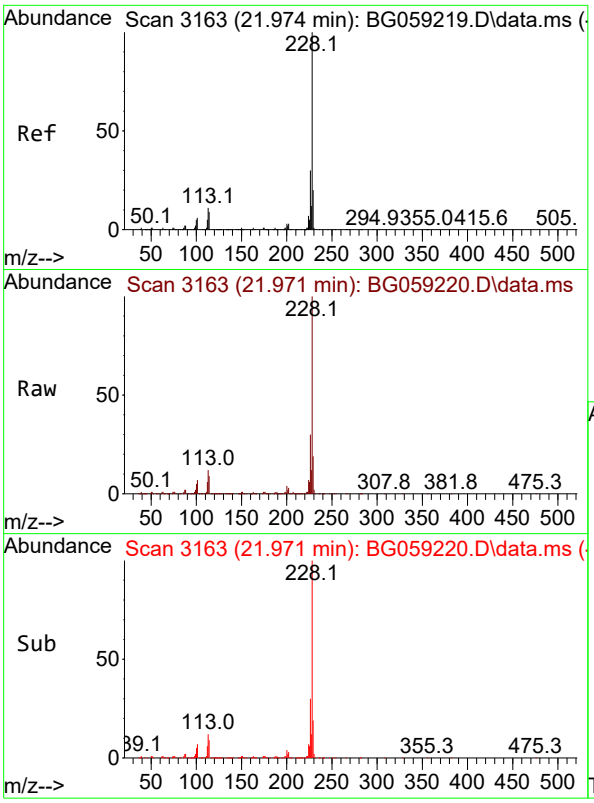


#86
Bis(2-ethylhexyl)phthalate
Concen: 43.301 ng/ul
RT: 21.736 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:149 Resp: 484499

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.1	28.7
279	3.1	2.9	4.3



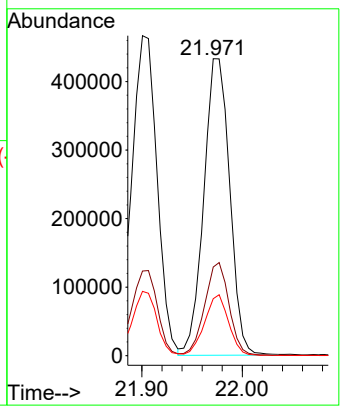


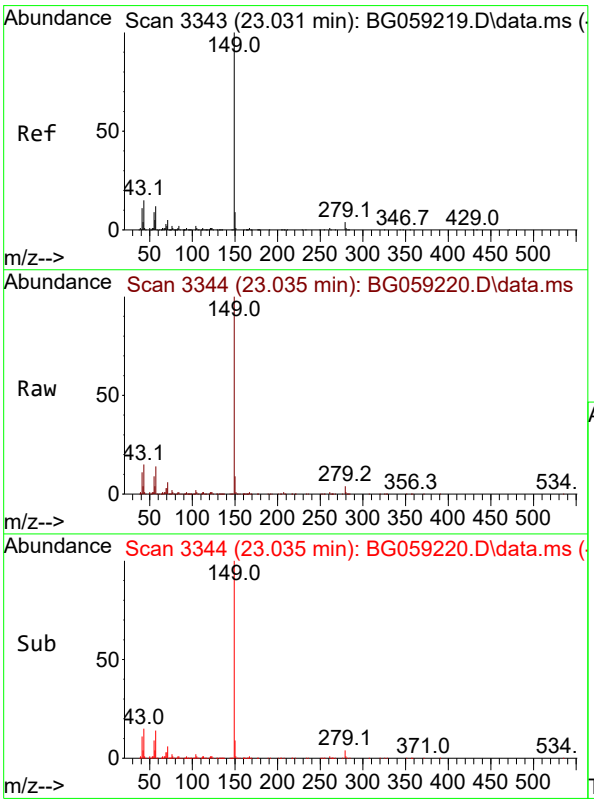
#87
Chrysene
Concen: 42.261 ng/ul
RT: 21.971 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:228 Resp: 777678

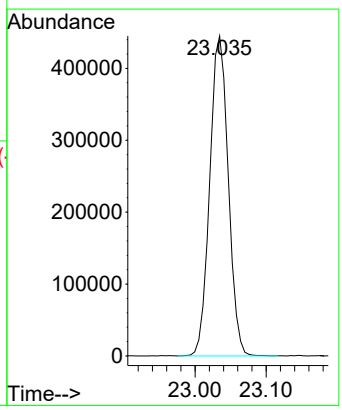
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.2	16.2	24.2

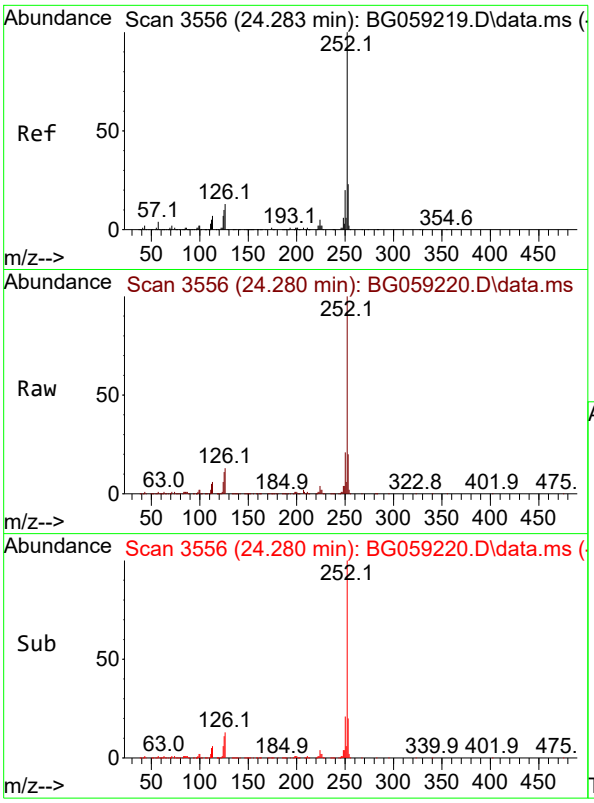




#89
Di-n-octyl phthalate
Concen: 41.228 ng/ul
RT: 23.035 min Scan# 3344
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:149 Resp: 804266



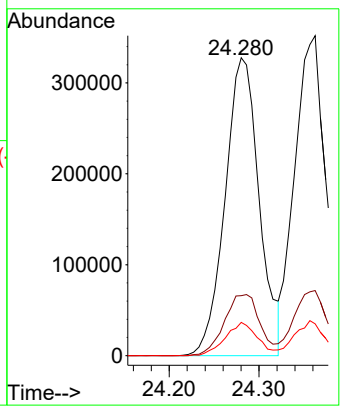


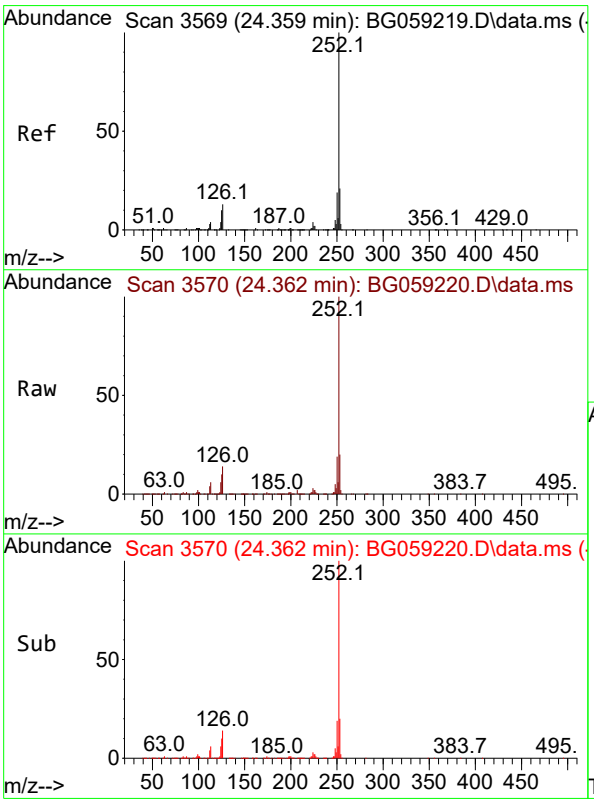
#90
Benzo(b)fluoranthene
Concen: 43.950 ng/ul
RT: 24.280 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:252 Resp: 865666

Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.0	27.0
125	11.2	8.1	12.1

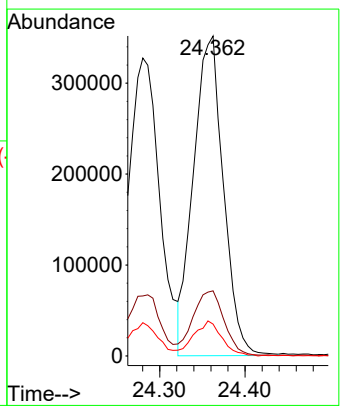


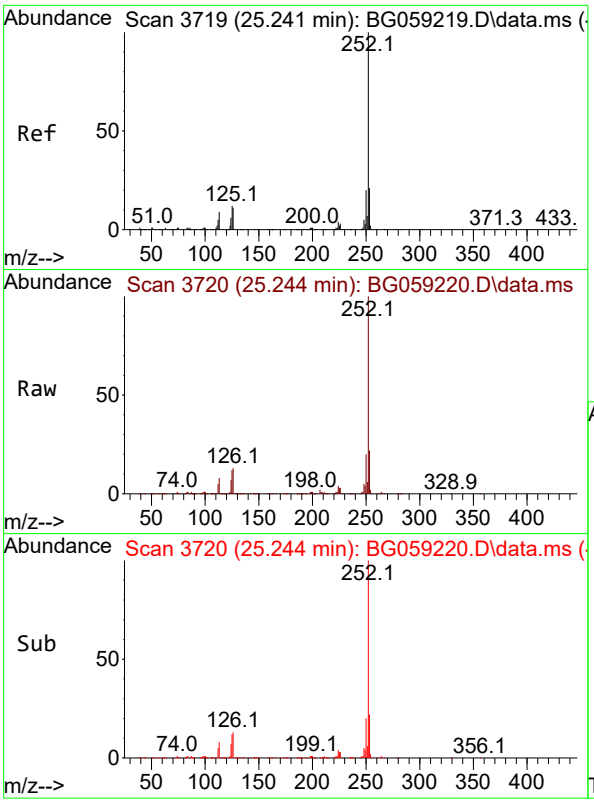


#91
Benzo(k)fluoranthene
Concen: 42.162 ng/ul
RT: 24.362 min Scan# 3570
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:252 Resp: 857982

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.6	26.4
125	9.9	8.1	12.1



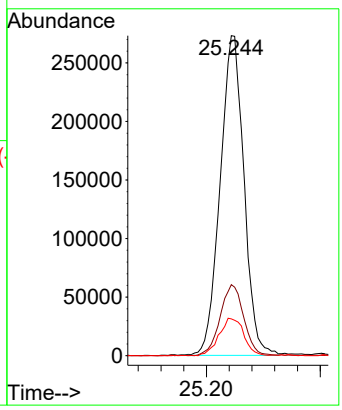


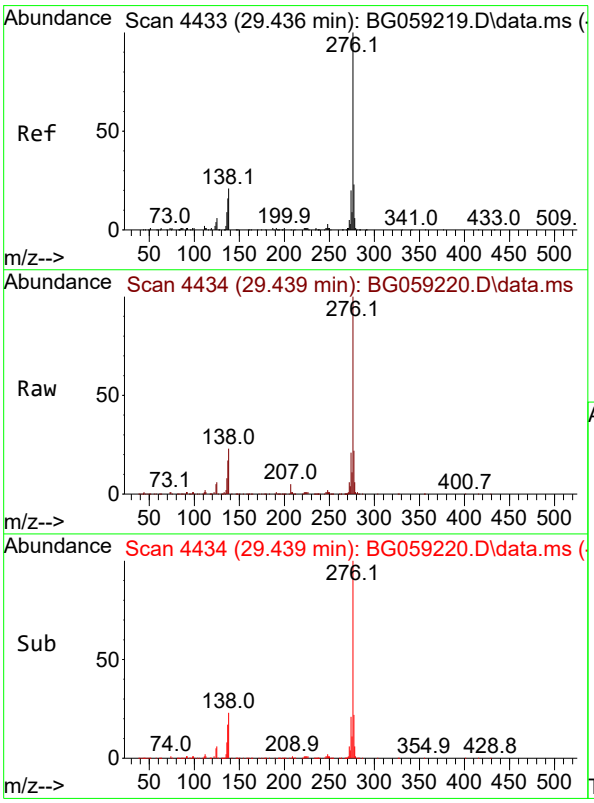
#93
Benzo(a)pyrene
Concen: 42.071 ng/ul
RT: 25.244 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

Tgt Ion:252 Resp: 793315

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.5	9.4	14.0

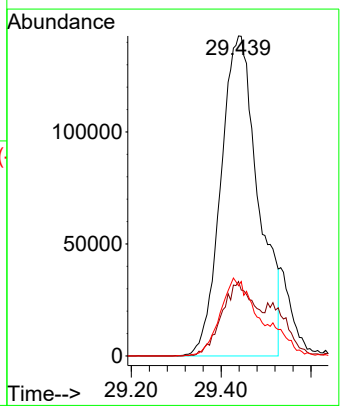


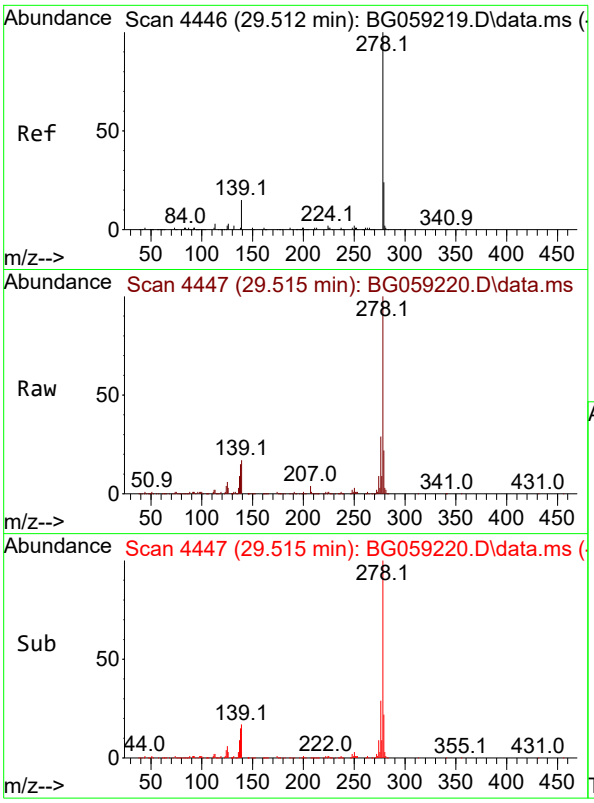


#94
Indeno(1,2,3-cd)pyrene
Concen: 38.333 ng/ul
RT: 29.439 min Scan# 4434
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:276 Resp: 826630

Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.0	25.6
277	22.0	18.6	28.0



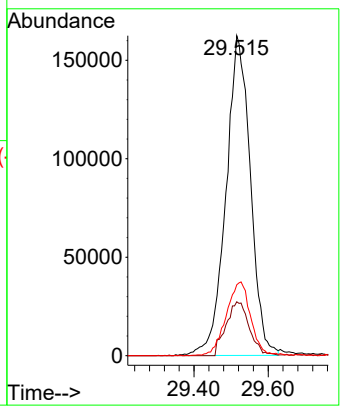


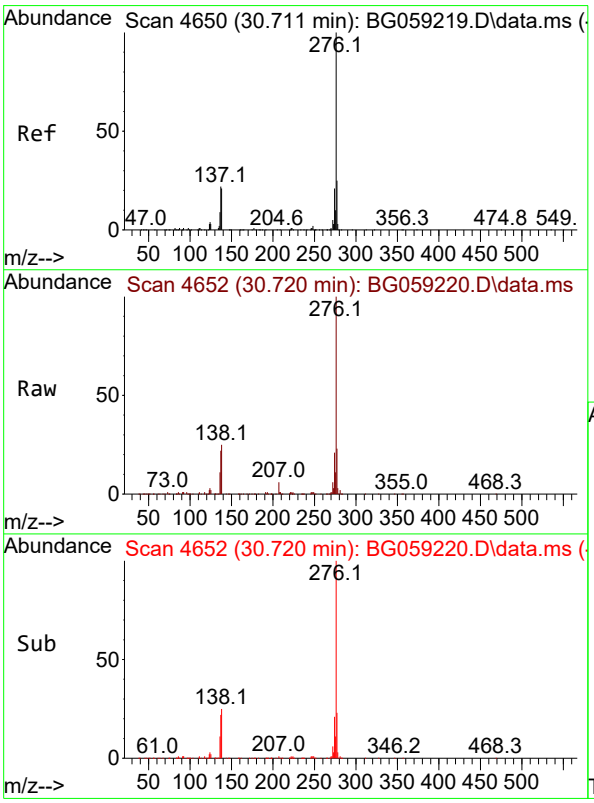
#95
Dibenzo(a,h)anthracene
Concen: 42.736 ng/ul
RT: 29.515 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Instrument :
BNA_G
ClientSampleId :
SSTD040438

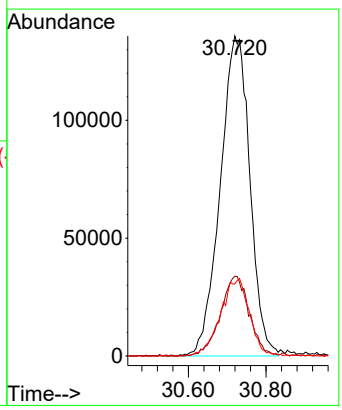
Tgt Ion:278 Resp: 741137

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.1	18.1
279	22.2	18.6	27.8





#96
Benzo(g,h,i)perylene
Concen: 41.609 ng/ul
RT: 30.720 min Scan# 4652
Delta R.T. 0.009 min
Lab File: BG059220.D
Acq: 27 Sep 2023 20:56

Tgt Ion:276 Resp: 721337

Ion	Ratio	Lower	Upper
276	100		
138	24.9	16.6	25.0
277	22.6	20.0	30.0