Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
Data File : BG055017.D
Acq On : 23 Sep 2022 18:08
Operator : CG/JU
Sample : N4751-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-2

Quant Time: Sep 24 02:28:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	36605	20.000	ng		0.00
21) Naphthalene-d8	10.881	136	146524	20.000	ng	#	0.00
39) Acenaphthene-d10	14.700	164	101958	20.000	ng		0.00
64) Phenanthrene-d10	17.450	188	239734	20.000	ng		0.00
76) Chrysene-d12	21.727	240	246380	20.000	ng		0.00
86) Perylene-d12	25.029	264	258097	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	196558	105.068	ng		0.00
7) Phenol-d6	7.220	99	264054	105.304	ng		0.00
23) Nitrobenzene-d5	9.236	82	156263	61.814	ng		0.00
42) 2,4,6-Tribromophenol	16.192	330	113511	95.033	ng		0.00
45) 2-Fluorobiphenyl	13.325	172	438173	67.729	ng		0.00
79) Terphenyl-d14	20.052	244	782271	66.416	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.236	70	19028	11.025	ng	#	74
51) 2,6-Dinitrotoluene	14.700	165	13241	8.066	ng	#	20
56) 4-Nitrophenol	15.099	139	1194	5.171	ng	#	6
57) 2,4-Dinitrotoluene	14.700	165	13241	5.671	ng	#	18
65) 4,6-Dinitro-2-methylph...	16.186	198	129	5.084	ng	#	1
67) 4-Bromophenyl-phenylether	16.192	248	6680	2.527	ng	#	1
71) Phenanthrene	17.491	178	95888	7.854	ng		98
75) Fluoranthene	19.500	202	177452	11.475	ng		97
78) Pyrene	19.864	202	150453	9.289	ng		98
81) Benzo(a)anthracene	21.703	228	84146	5.310	ng		98
83) Chrysene	21.774	228	69216	4.563	ng		97
87) Indeno(1,2,3-cd)pyrene	28.854	276	45426	2.367	ng	#	96
88) Benzo(b)fluoranthene	23.977	252	91909	6.037	ng		97
89) Benzo(k)fluoranthene	23.977	252	91909	5.980	ng		97
90) Benzo(a)pyrene	24.876	252	68014	5.189	ng		97
92) Benzo(g,h,i)perylene	30.047	276	45485	2.856	ng	#	94

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

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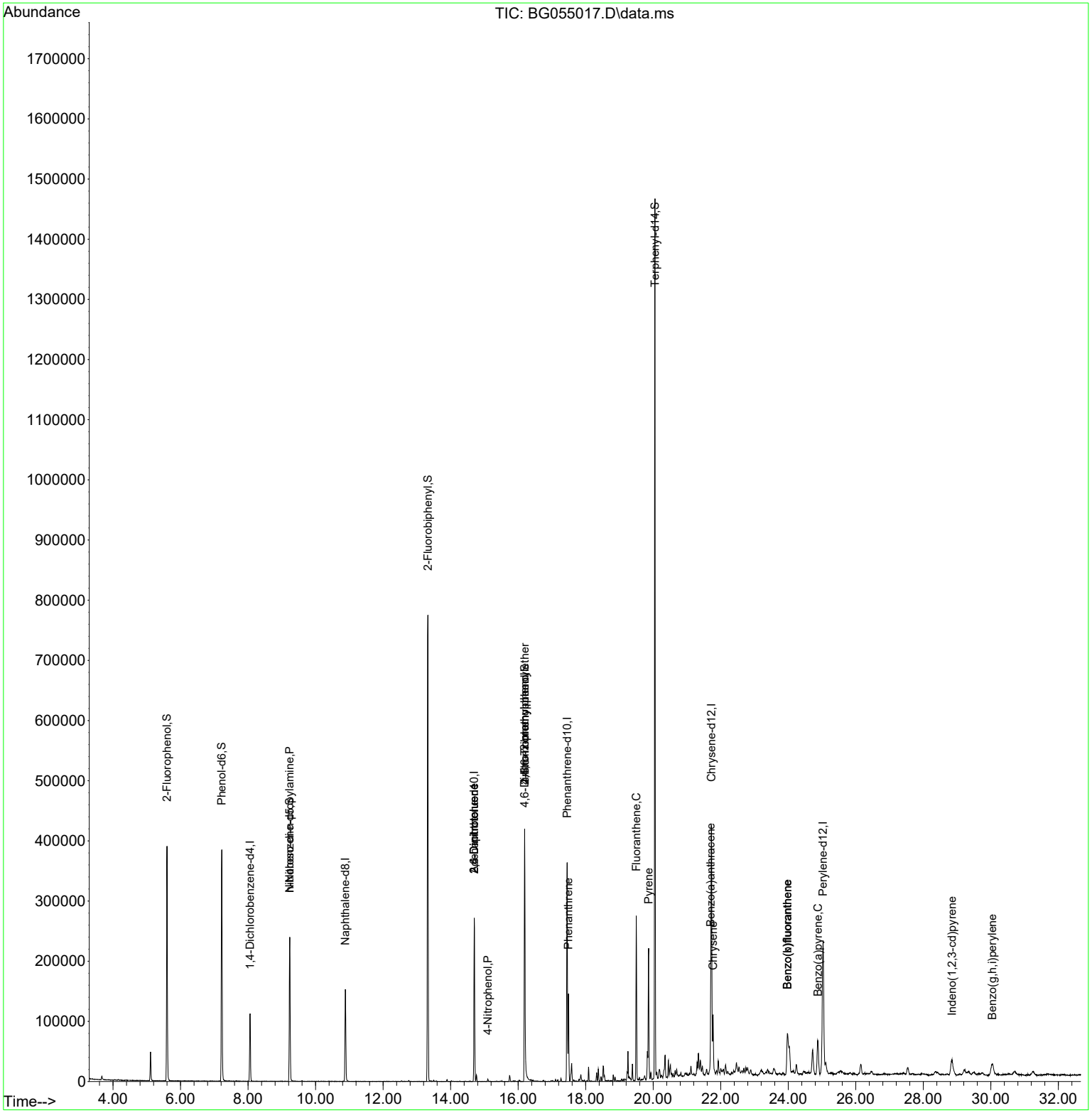
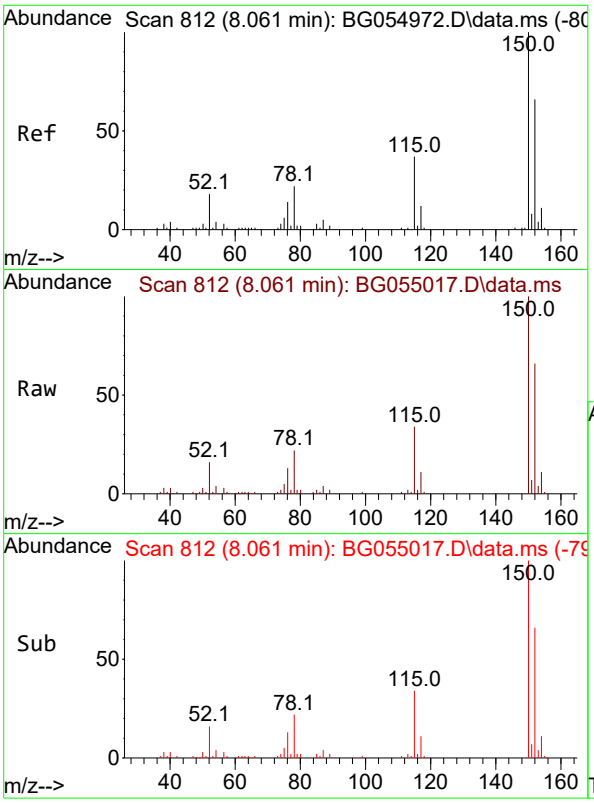


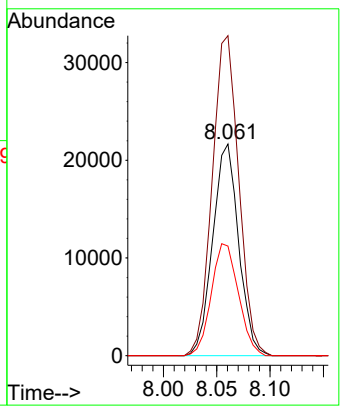


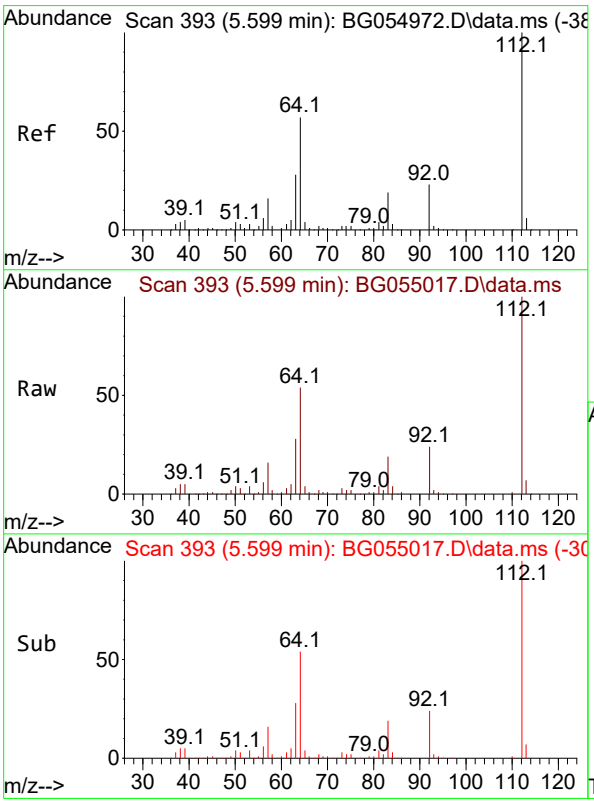
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:152 Resp: 36605

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.2	187.8
115	51.8	47.9	71.9

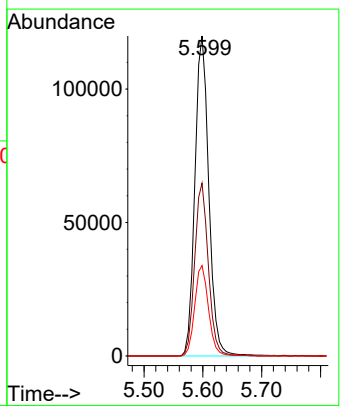


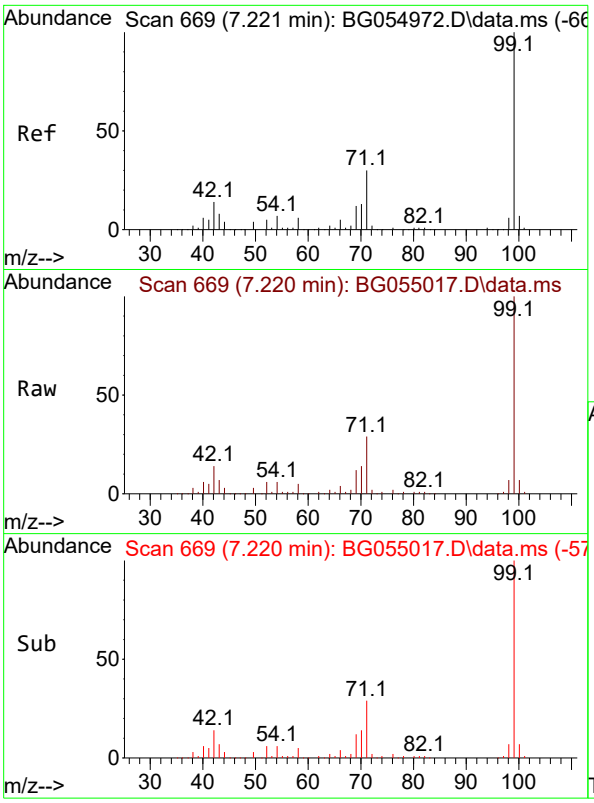


#5
2-Fluorophenol
Concen: 105.068 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:112 Resp: 196558

Ion	Ratio	Lower	Upper
112	100		
64	54.0	49.3	73.9
63	28.2	26.3	39.5



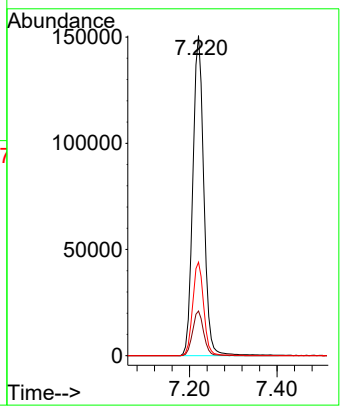


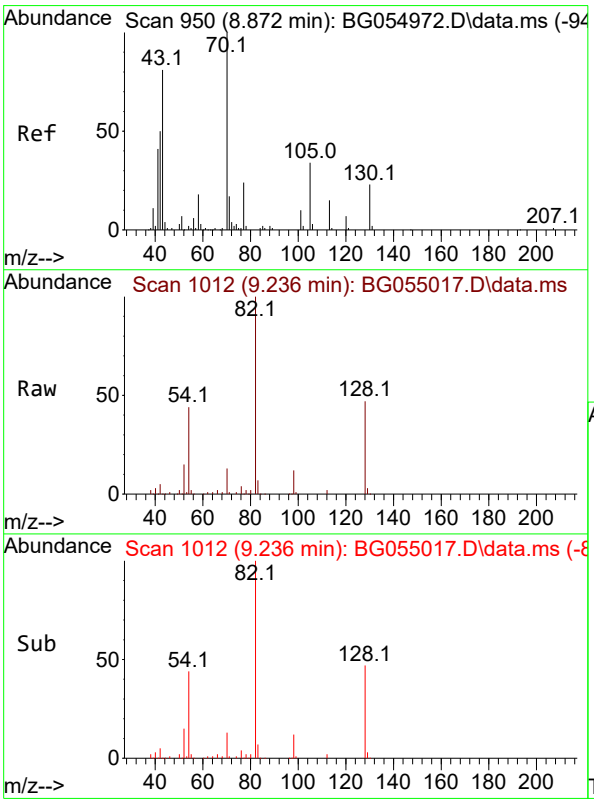
#7
Phenol-d6
Concen: 105.304 ng
RT: 7.220 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion: 99 Resp: 264054

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.6	22.0#
71	29.2	24.6	37.0

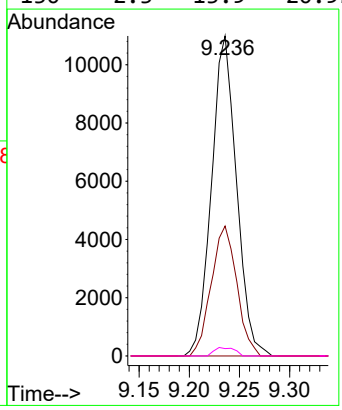


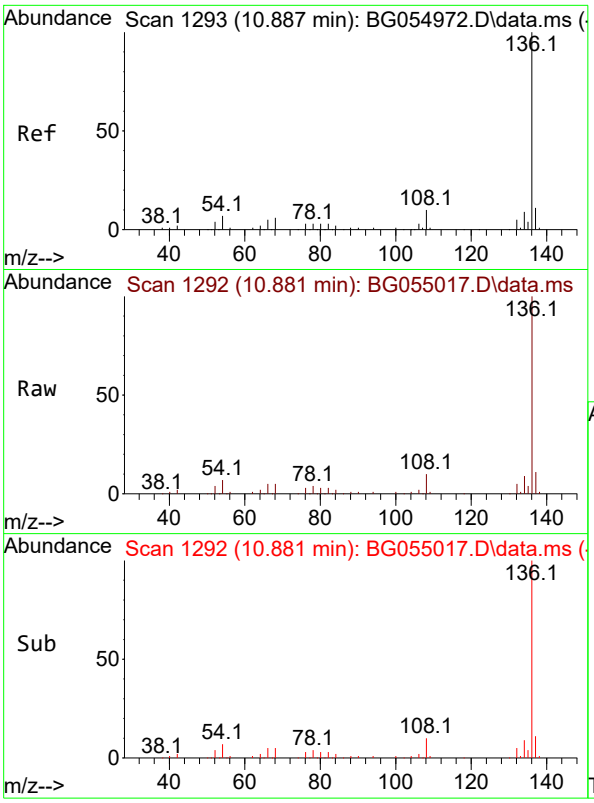


#19
n-Nitroso-di-n-propylamine
Concen: 11.025 ng
RT: 9.236 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion: 70 Resp: 19028

Ion	Ratio	Lower	Upper
70	100		
42	40.6	46.6	69.8#
101	0.0	7.7	11.5#
130	2.3	13.9	20.9#



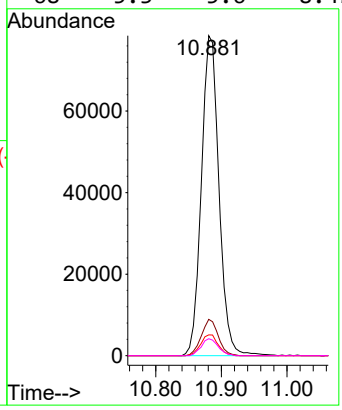


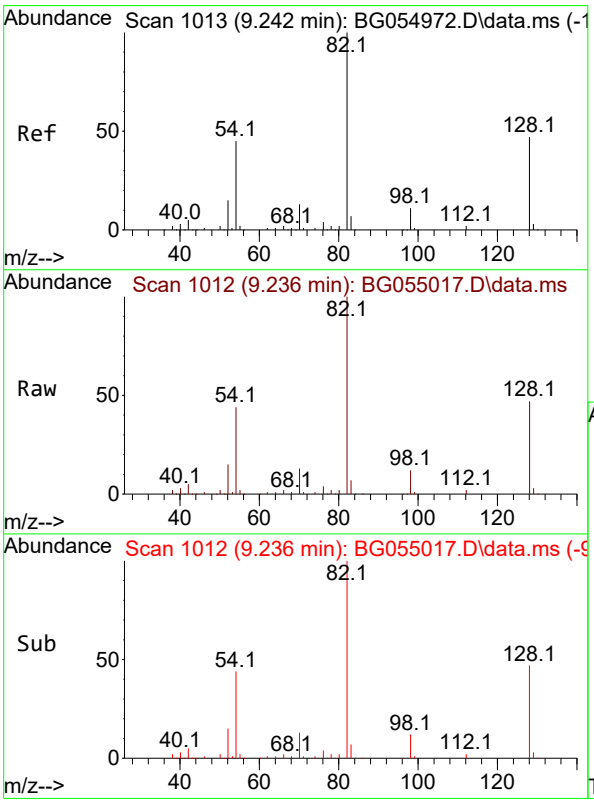
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:136 Resp: 146524

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.5	7.7	11.5#
68	5.3	5.6	8.4#

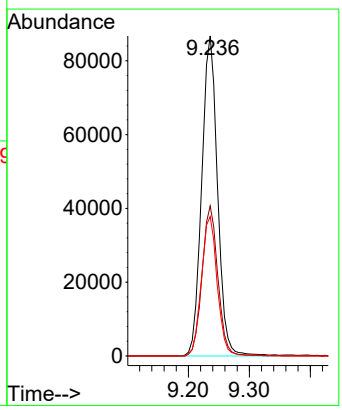


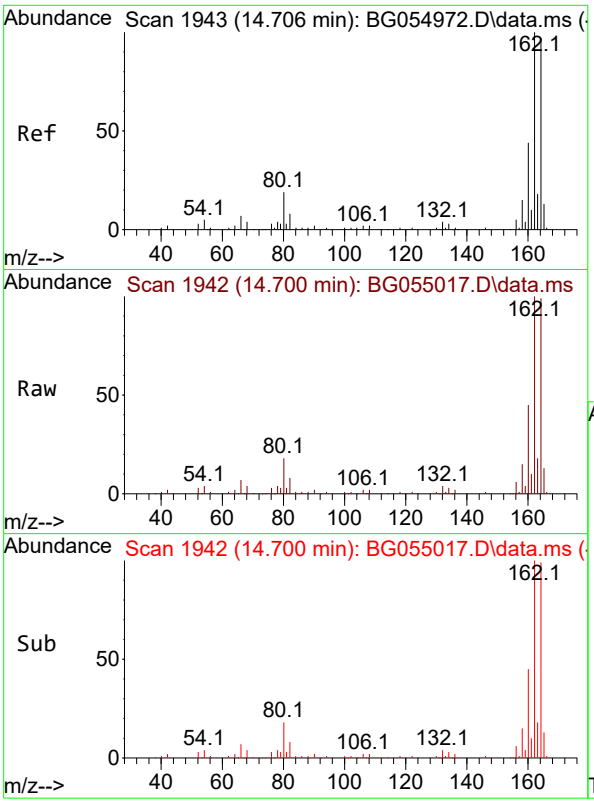


#23
Nitrobenzene-d5
Concen: 61.814 ng
RT: 9.236 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion: 82 Resp: 156263

Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.2	48.2
54	43.6	41.4	62.0



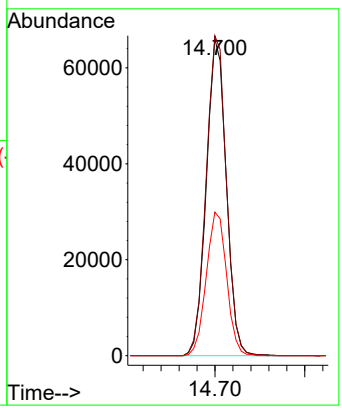


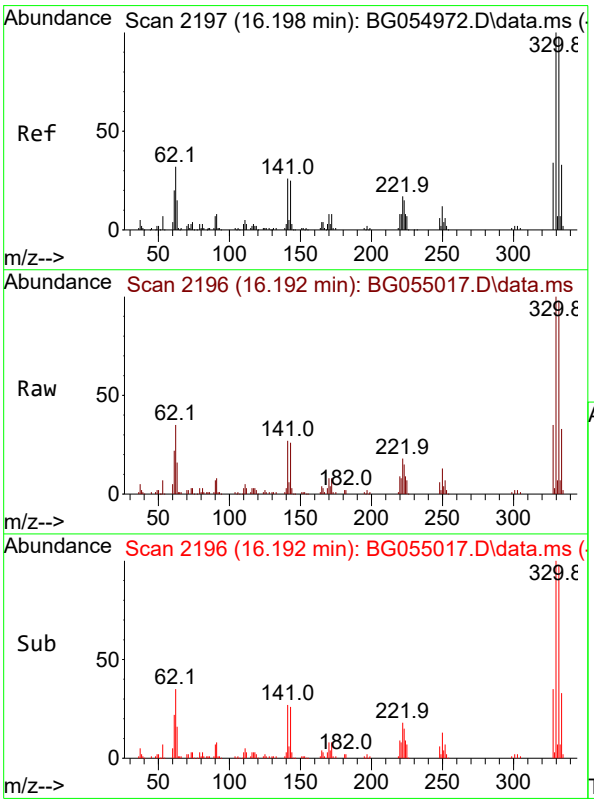
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.700 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:164 Resp: 101958

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.4
160	45.3	38.0	57.0

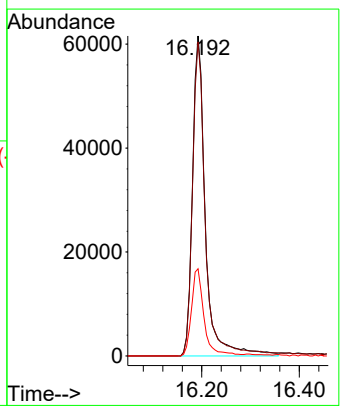


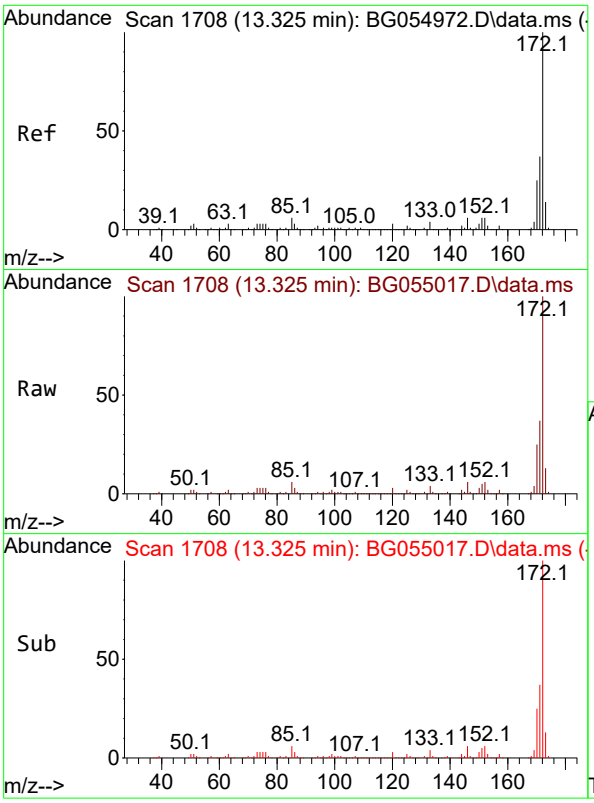


#42
2,4,6-Tribromophenol
Concen: 95.033 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:330 Resp: 113511

Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.8	119.6
141	26.5	26.8	40.2#



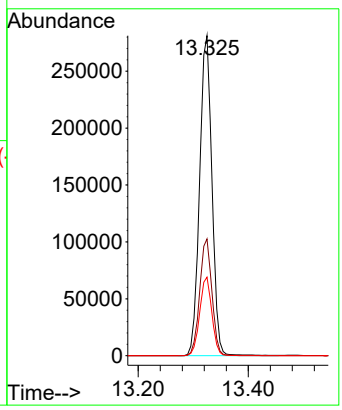


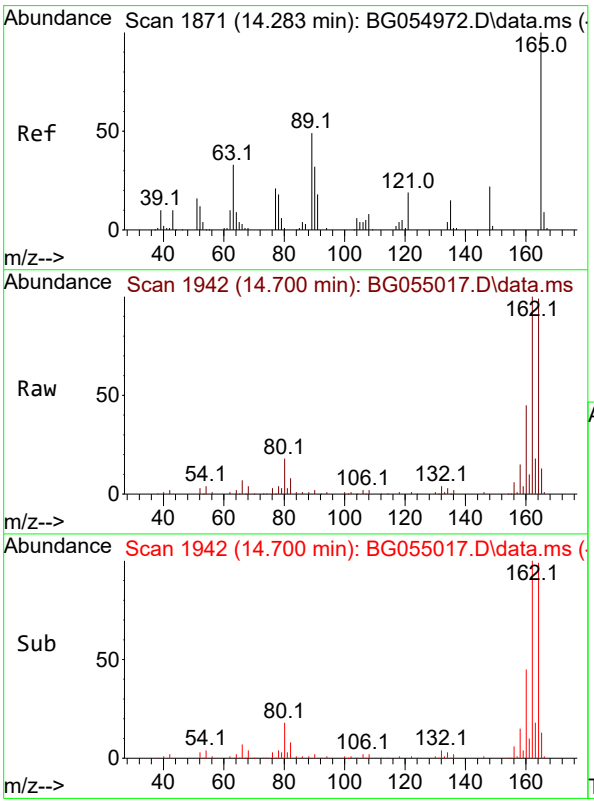
#45
2-Fluorobiphenyl
Concen: 67.729 ng
RT: 13.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:172 Resp: 438173

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.2	46.8
170	24.6	20.6	30.8

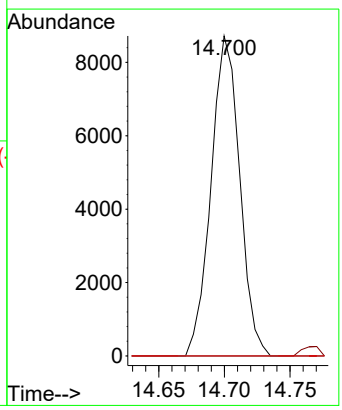


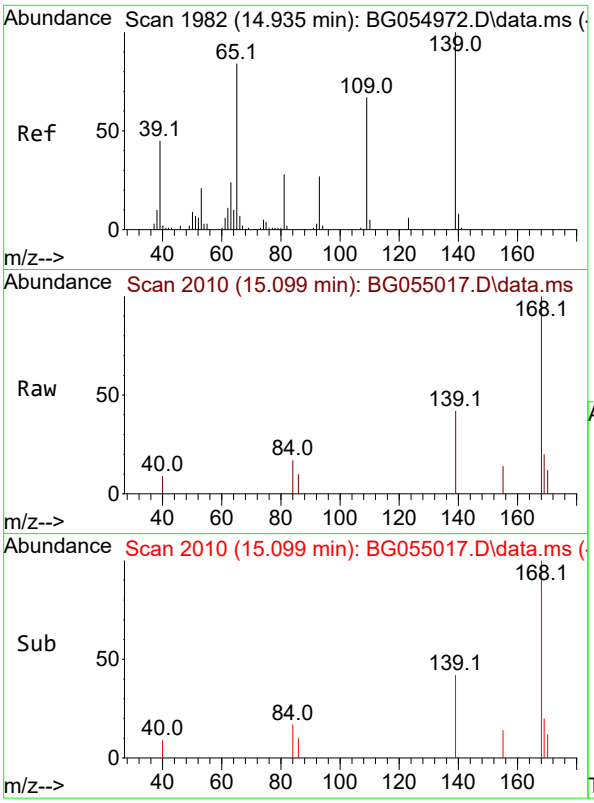


#51
2,6-Dinitrotoluene
Concen: 8.066 ng
RT: 14.700 min Scan# 1942
Delta R.T. 0.417 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:165 Resp: 13241

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	0.0	50.3	75.5#



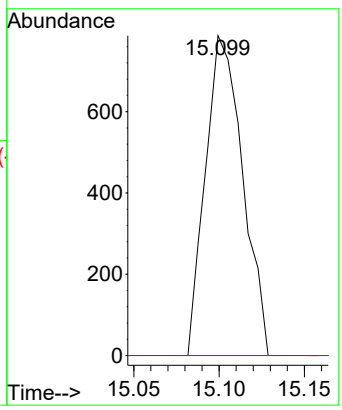


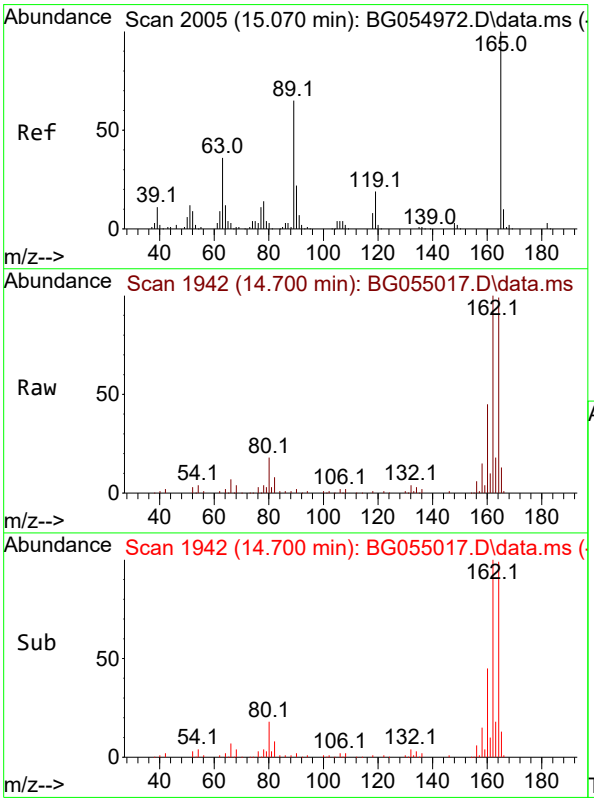
#56
4-Nitrophenol
Concen: 5.171 ng
RT: 15.099 min Scan# 2
Delta R.T. 0.164 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:139 Resp: 1194

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.5	90.5#
65	0.0	79.9	119.9#

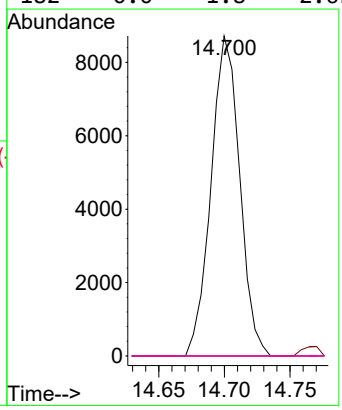


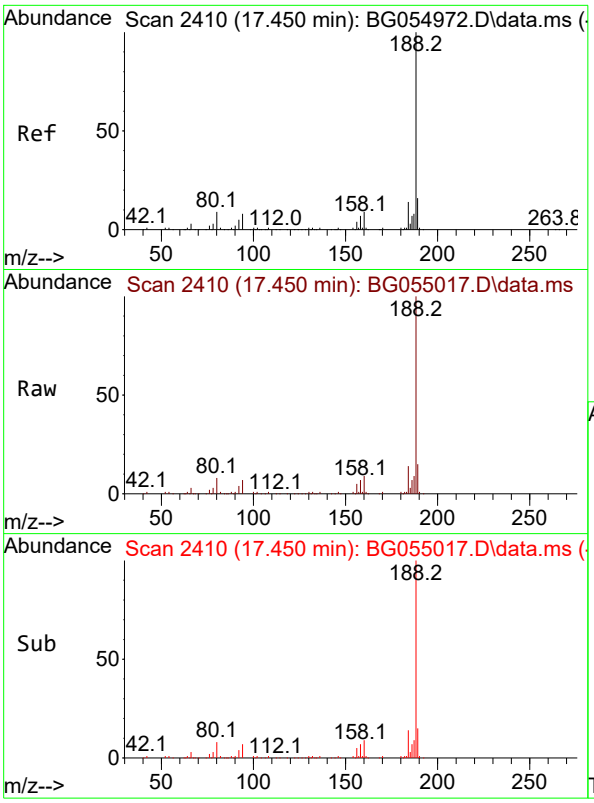


#57
2,4-Dinitrotoluene
Concen: 5.671 ng
RT: 14.700 min Scan# 1942
Delta R.T. -0.370 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:165 Resp: 13241

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



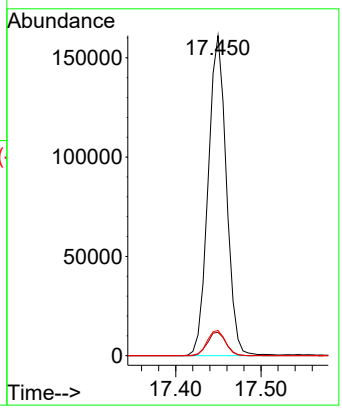


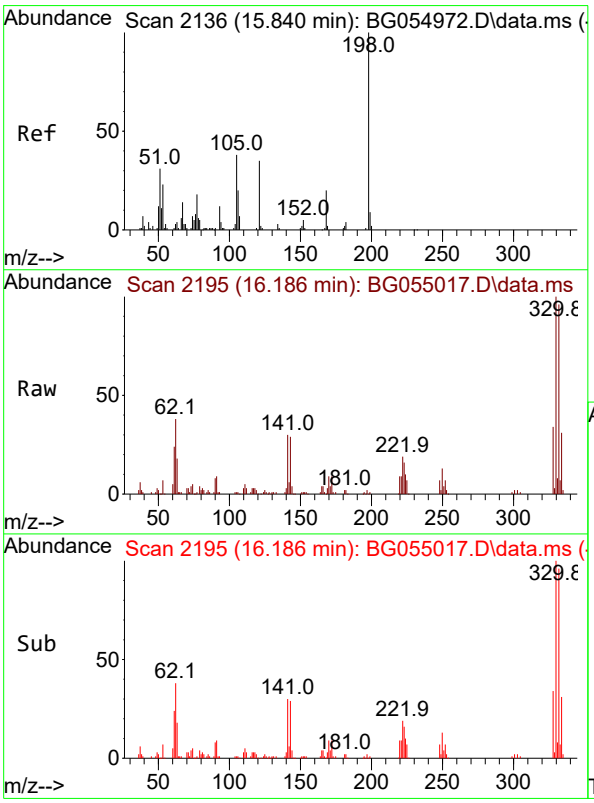
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:188 Resp: 239734

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.0	10.4
80	7.9	7.9	11.9

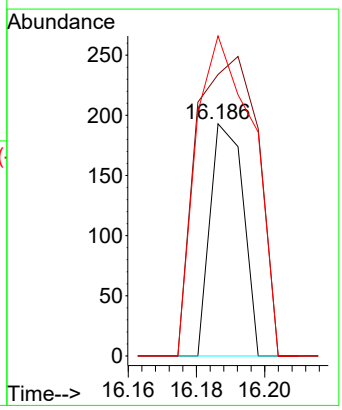


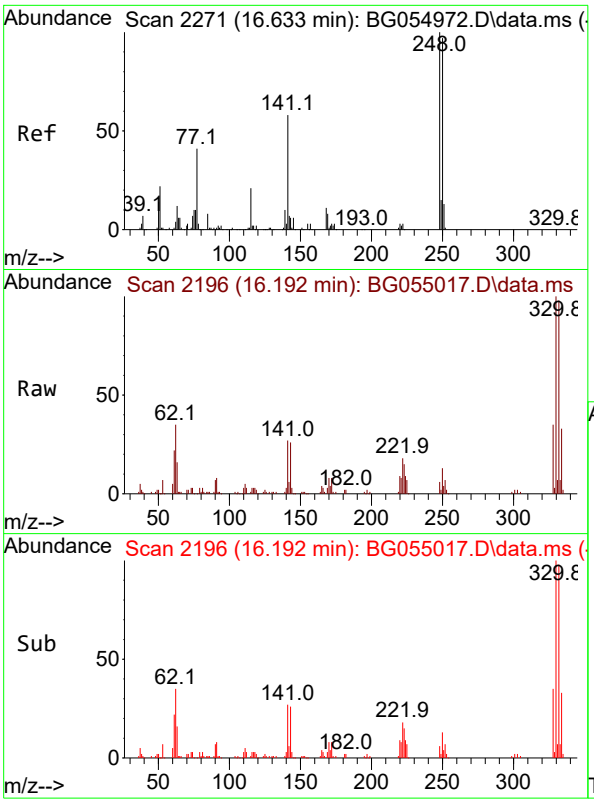


#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 16.186 min Scan# 2195
Delta R.T. 0.346 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:198 Resp: 129

Ion	Ratio	Lower	Upper
198	100		
51	121.2	19.9	59.9#
105	137.8	20.3	60.3#



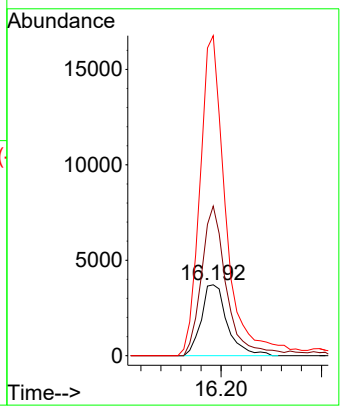


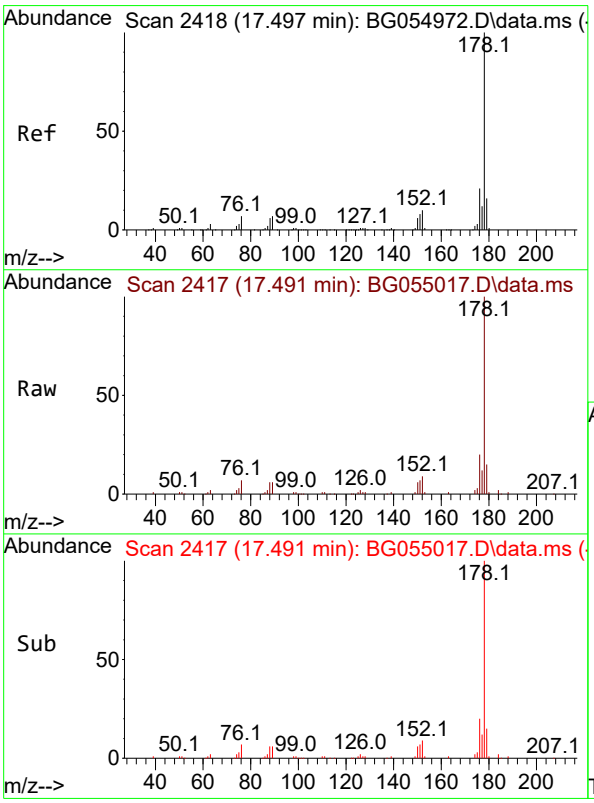
#67
4-Bromophenyl-phenylether
Concen: 2.527 ng
RT: 16.192 min Scan# 2
Delta R.T. -0.441 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:248 Resp: 6680

Ion	Ratio	Lower	Upper
248	100		
250	211.0	78.8	118.2#
141	451.1	51.9	77.9#

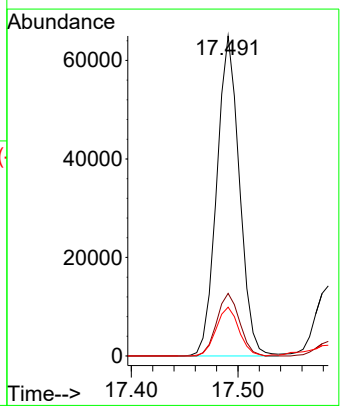


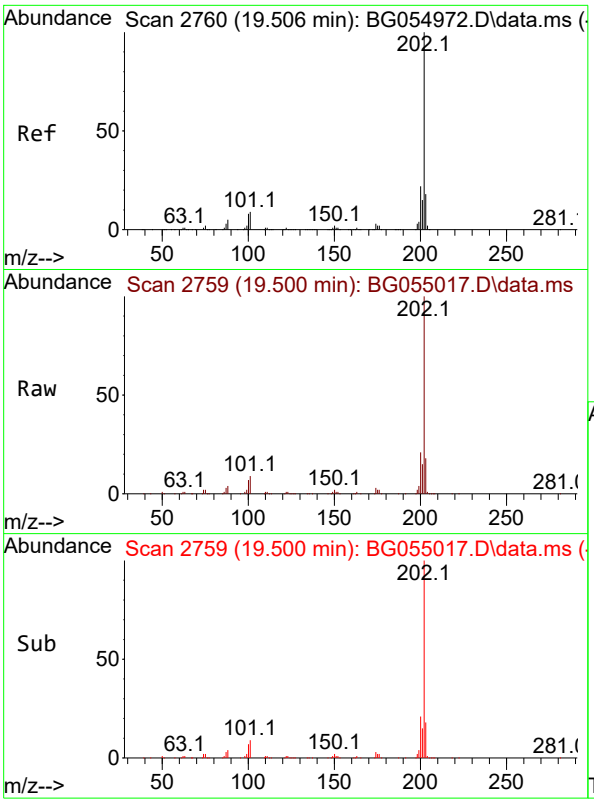


#71
Phenanthrene
Concen: 7.854 ng
RT: 17.491 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:178 Resp: 95888

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.2	12.8	19.2



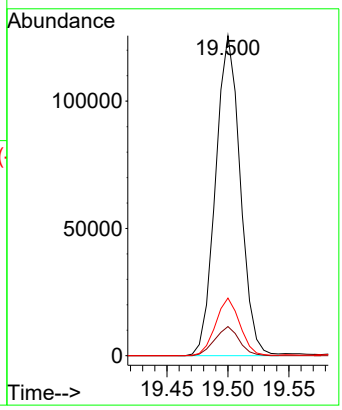


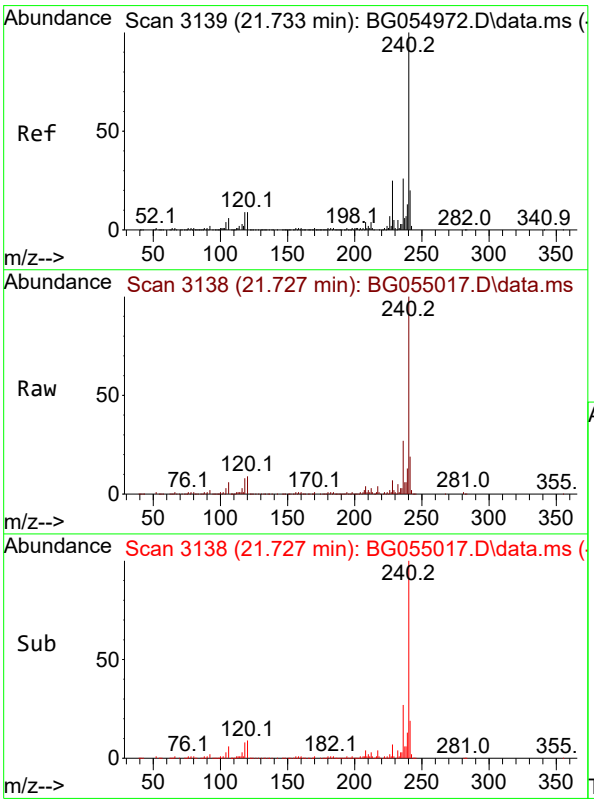
#75
Fluoranthene
Concen: 11.475 ng
RT: 19.500 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:202 Resp: 177452

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	31.4
203	18.0	0.0	38.6

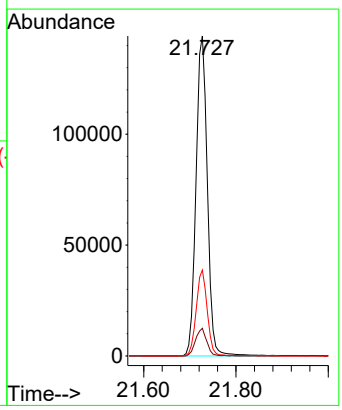


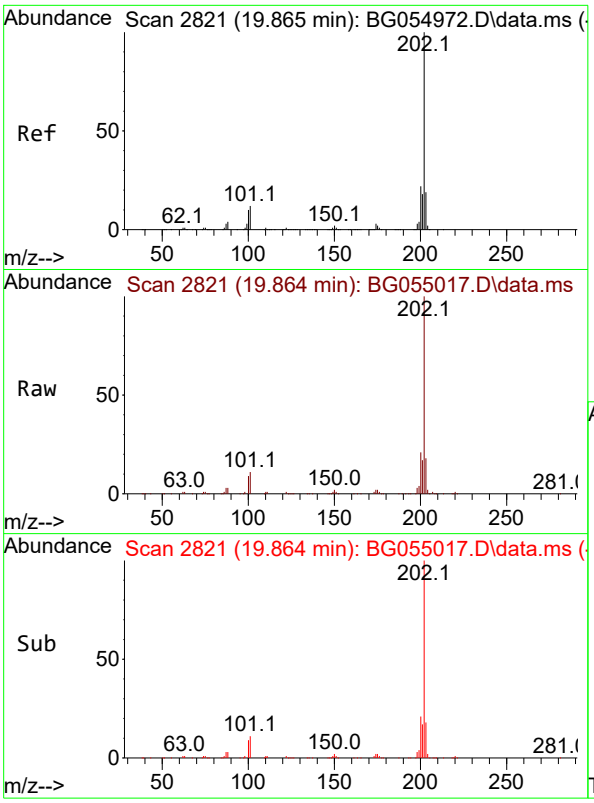


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:240 Resp: 246380

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.4
236	26.8	21.2	31.8



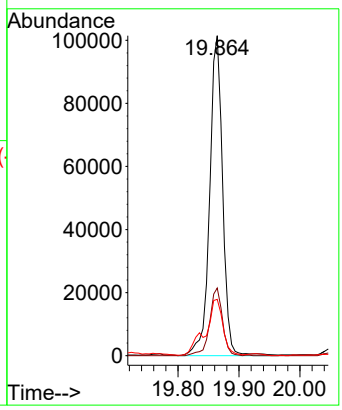


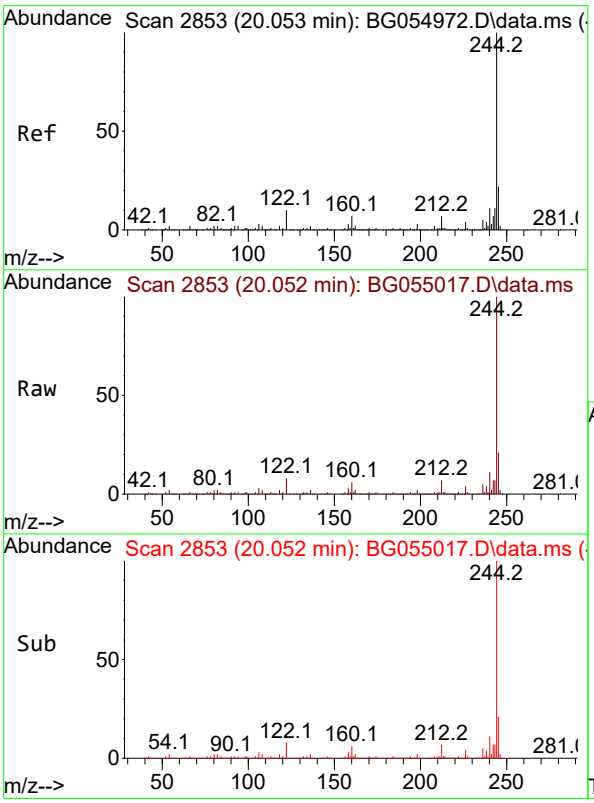
#78
Pyrene
Concen: 9.289 ng
RT: 19.864 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:202 Resp: 150453

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.6	14.6	21.8

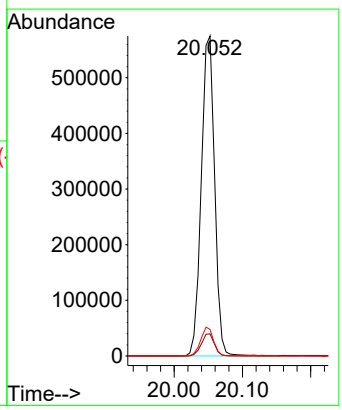


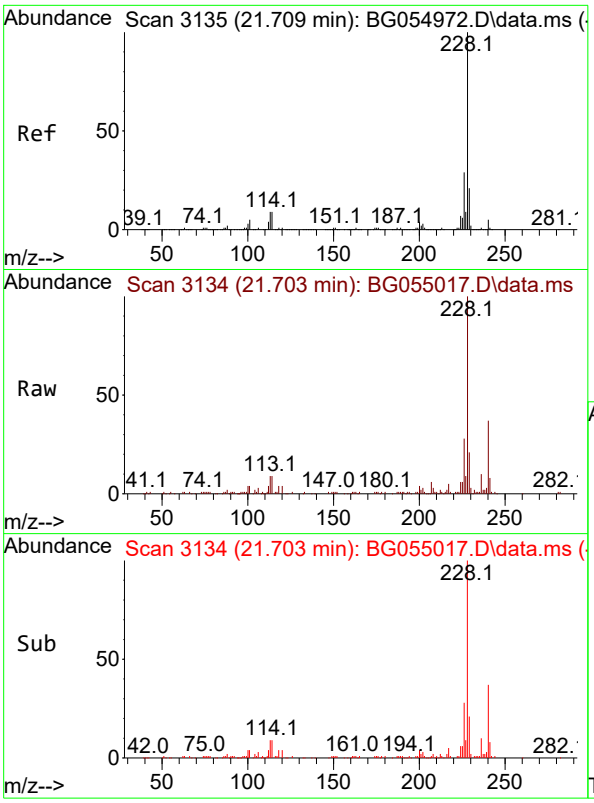


#79
Terphenyl-d14
Concen: 66.416 ng
RT: 20.052 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:244 Resp: 782271

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.3	9.0	13.6#



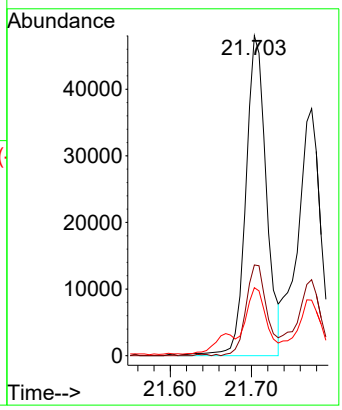


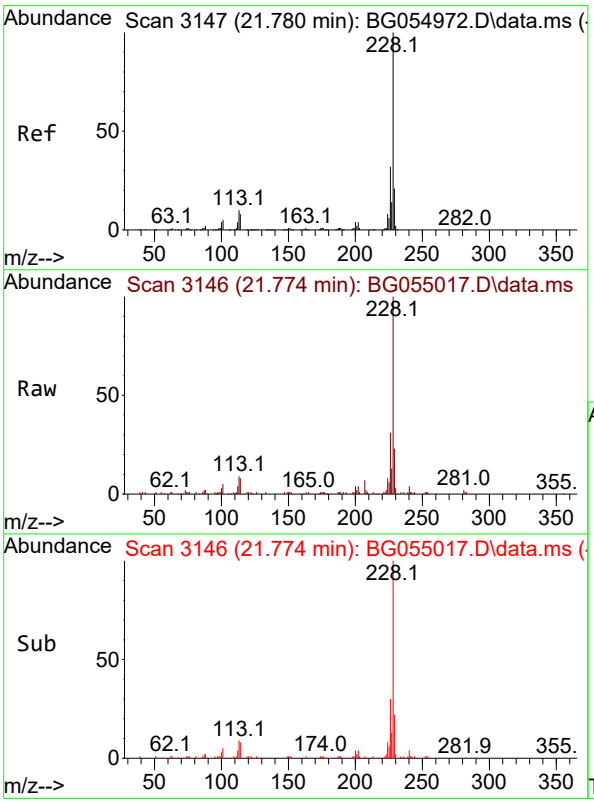
#81
Benzo(a)anthracene
Concen: 5.310 ng
RT: 21.703 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:228 Resp: 84146

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	21.3	16.5	24.7

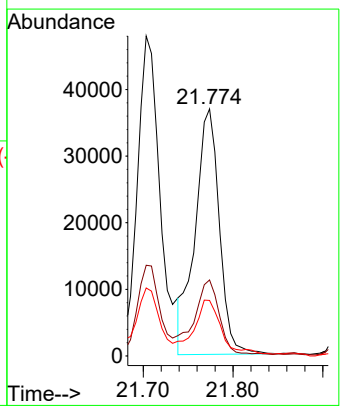


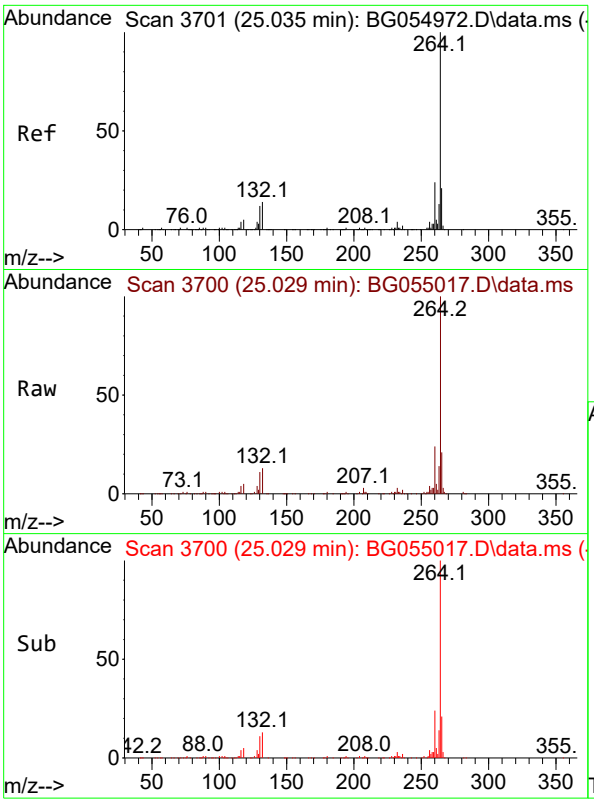


#83
Chrysene
Concen: 4.563 ng
RT: 21.774 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:228 Resp: 69216

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	22.5	16.8	25.2



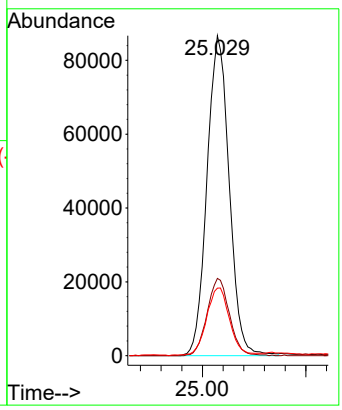


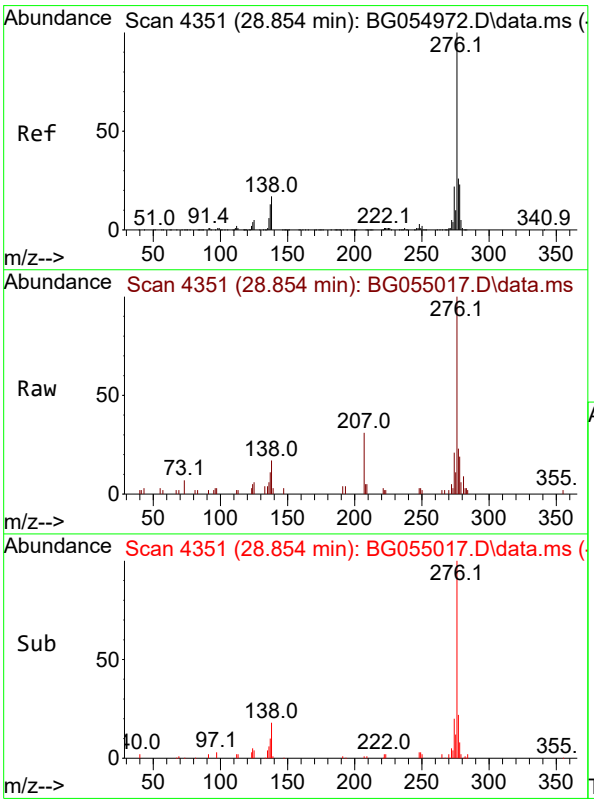
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.029 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:264 Resp: 258097

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.1	16.9	25.3

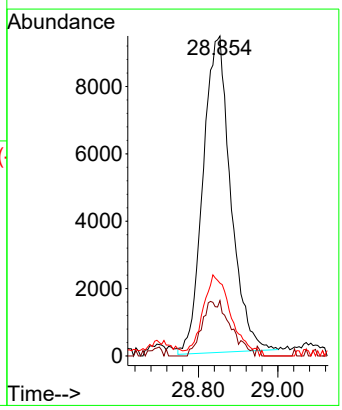


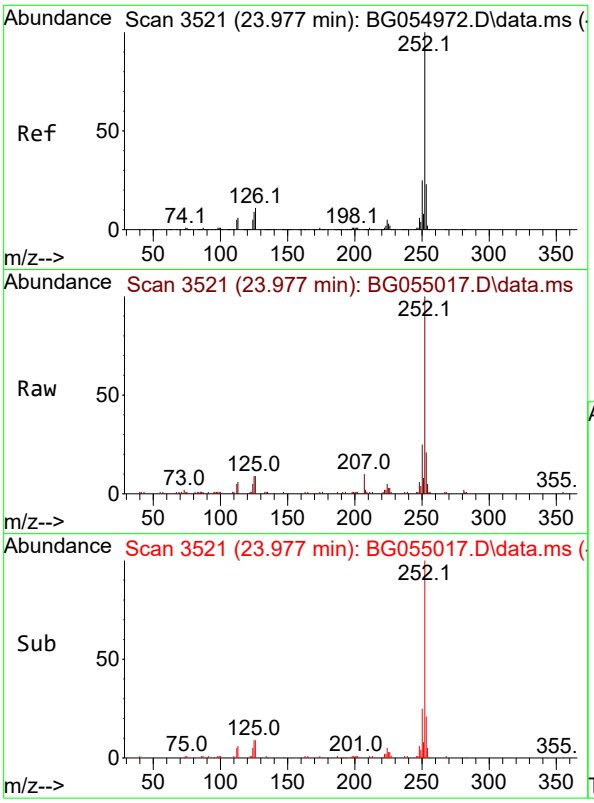


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.367 ng
RT: 28.854 min Scan# 4351
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:276 Resp: 45426

Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.0	18.0#
277	26.2	20.2	30.4



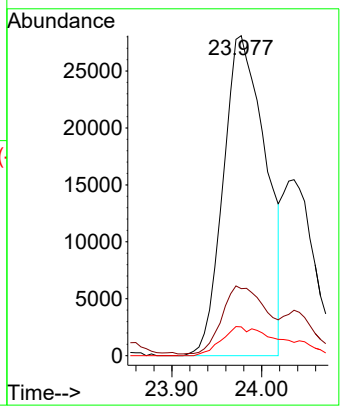


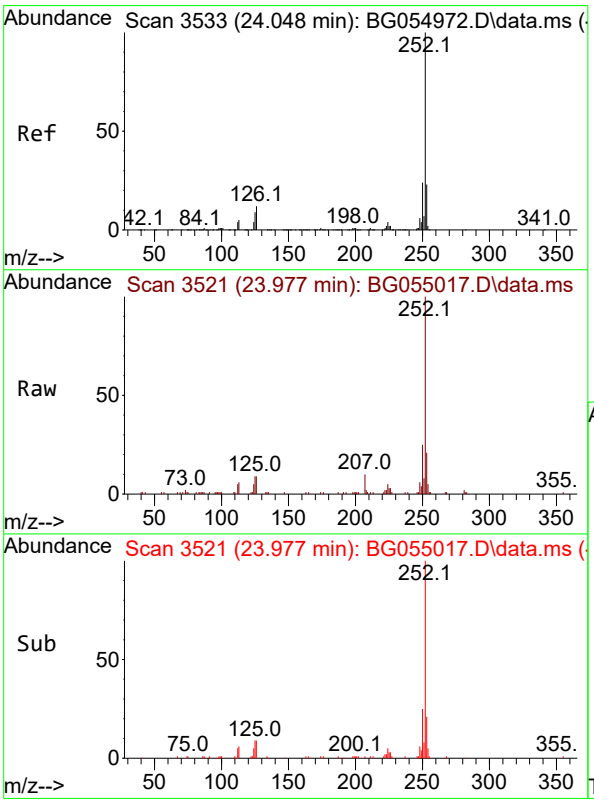
#88
Benzo(b)fluoranthene
Concen: 6.037 ng
RT: 23.977 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:252 Resp: 91909

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	9.0	8.1	12.1

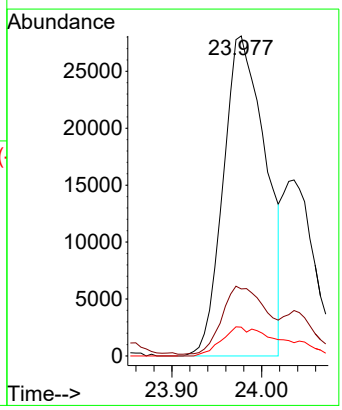


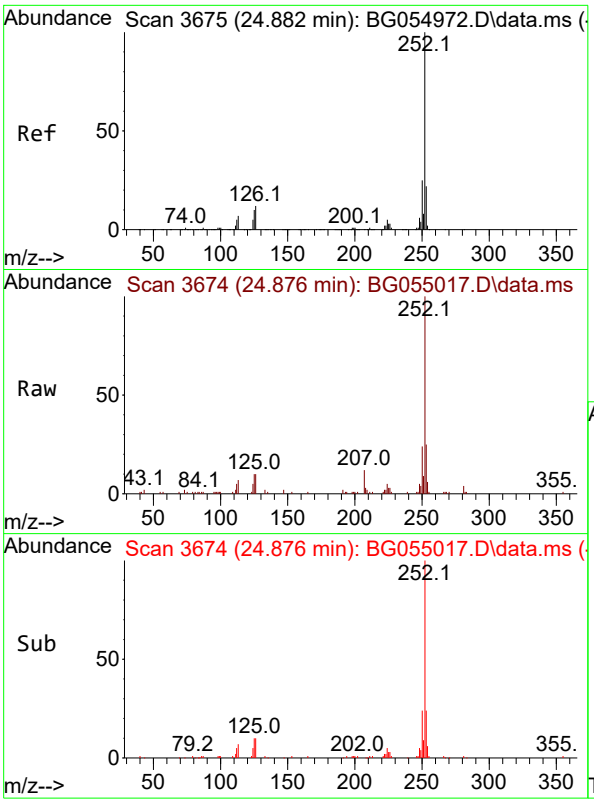


#89
Benzo(k)fluoranthene
Concen: 5.980 ng
RT: 23.977 min Scan# 3521
Delta R.T. -0.071 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:252 Resp: 91909

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.8
125	9.0	8.2	12.4



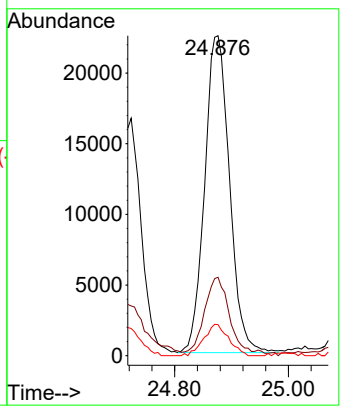


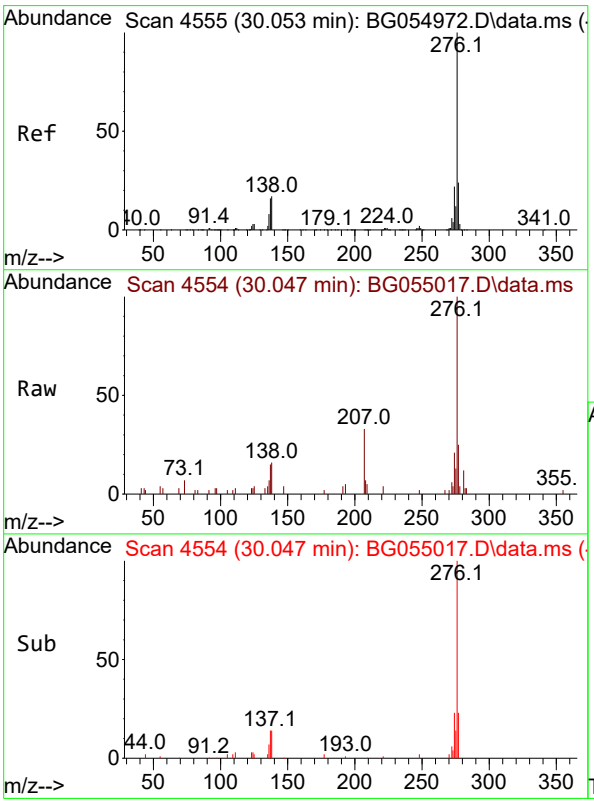
#90
Benzo(a)pyrene
Concen: 5.189 ng
RT: 24.876 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Instrument :
BNA_G
ClientSampleId :
PE-2

Tgt Ion:252 Resp: 68014

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.3	27.5
125	9.7	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 2.856 ng
RT: 30.047 min Scan# 4554
Delta R.T. -0.006 min
Lab File: BG055017.D
Acq: 23 Sep 2022 18:08

Tgt Ion:276 Resp: 45485

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	15.9	16.6	25.0#