Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053651.D
Acq On : 20 May 2022 19:44
Operator : CG/JU
Sample : N2911-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Quant Time: May 23 01:34:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	35195	20.000	ng		0.00
21) Naphthalene-d8	10.877	136	143793	20.000	ng		0.00
39) Acenaphthene-d10	14.695	164	97041	20.000	ng		0.00
64) Phenanthrene-d10	17.445	188	198596	20.000	ng		0.00
76) Chrysene-d12	21.721	240	181887	20.000	ng		#-0.01
86) Perylene-d12	24.999	264	185564	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	263142	126.889	ng		0.00
7) Phenol-d6	7.235	99	394779	125.434	ng		0.00
23) Nitrobenzene-d5	9.232	82	273622	81.003	ng		0.00
42) 2,4,6-Tribromophenol	16.187	330	154690	108.081	ng		0.00
45) 2-Fluorobiphenyl	13.321	172	538542	81.096	ng		0.00
79) Terphenyl-d14	20.047	244	708803	72.579	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.370	93	7054	2.024	ng	#	56
15) Benzyl Alcohol	8.286	79	9680	3.679	ng	#	65
17) 2-Methylphenol	8.286	107	4635	2.228	ng	#	2
19) n-Nitroso-di-n-propyla...	9.232	70	38780	17.173	ng	#	77
51) 2,6-Dinitrotoluene	14.695	165	13272	8.834	ng	#	16
57) 2,4-Dinitrotoluene	14.695	165	13272	6.095	ng	#	21
67) 4-Bromophenyl-phenylether	16.187	248	10090	4.350	ng	#	1
71) Phenanthrene	17.486	178	131147	12.987	ng		100
72) Anthracene	17.574	178	21457	2.162	ng		98
75) Fluoranthene	19.495	202	317341	24.270	ng		97
77) Benzidine	20.047	184	11926	3.042	ng		96
78) Pyrene	19.853	202	271173	23.031	ng		99
81) Benzo(a)anthracene	21.703	228	129759	11.185	ng		97
83) Chrysene	21.768	228	161982	14.950	ng		97
84) Bis(2-ethylhexyl)phtha...	21.586	149	22571	3.788	ng		97
87) Indeno(1,2,3-cd)pyrene	28.753	276	97237	7.524	ng	#	93
88) Benzo(b)fluoranthene	23.959	252	224498	20.439	ng	#	98
89) Benzo(k)fluoranthene	23.959	252	224498	20.800	ng	#	99
90) Benzo(a)pyrene	24.840	252	134201	14.355	ng	#	94
91) Dibenzo(a,h)anthracene	28.788	278	24297	2.282	ng	#	85
92) Benzo(g,h,i)perylene	29.928	276	89328	8.462	ng	#	85

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

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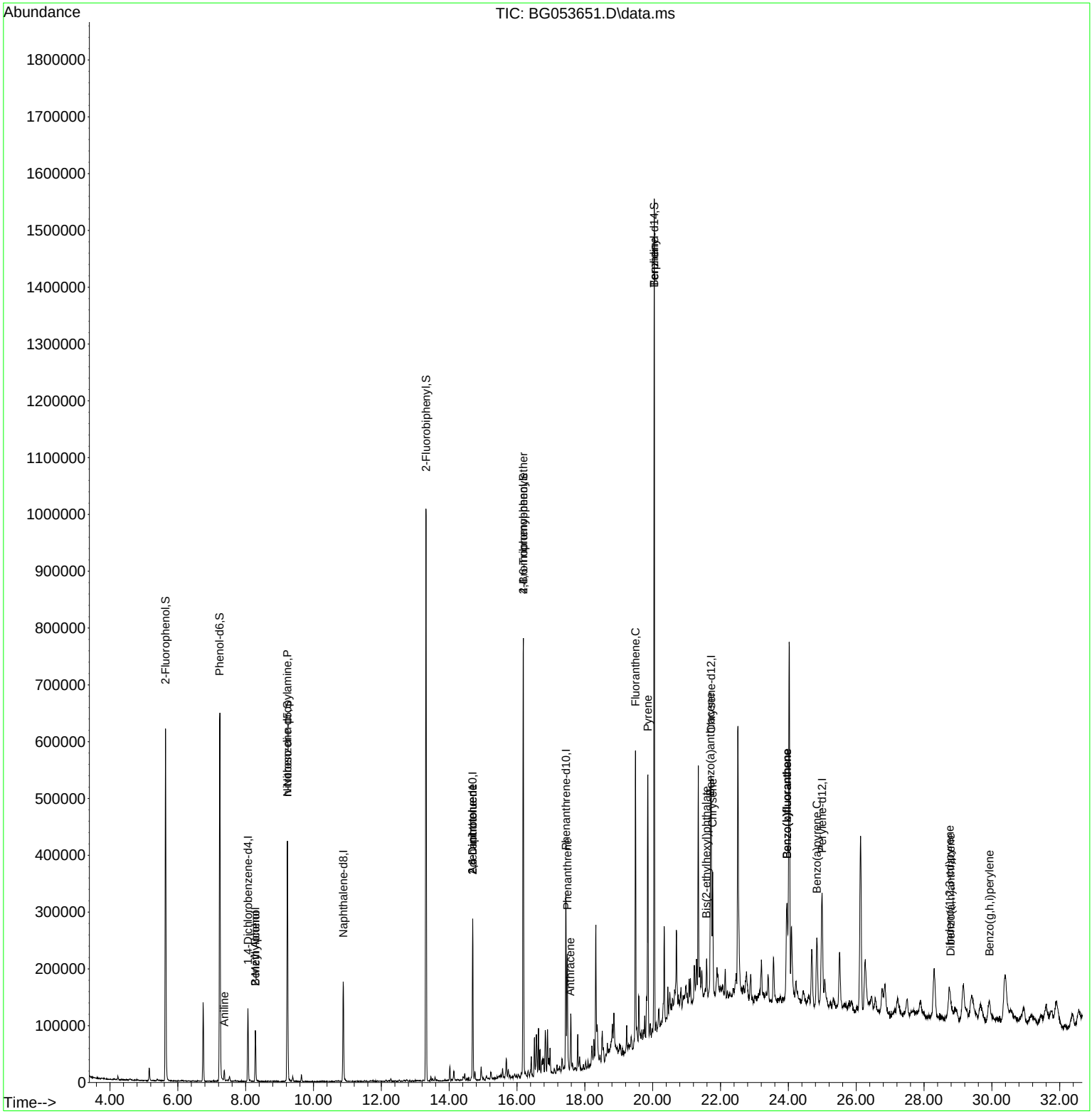
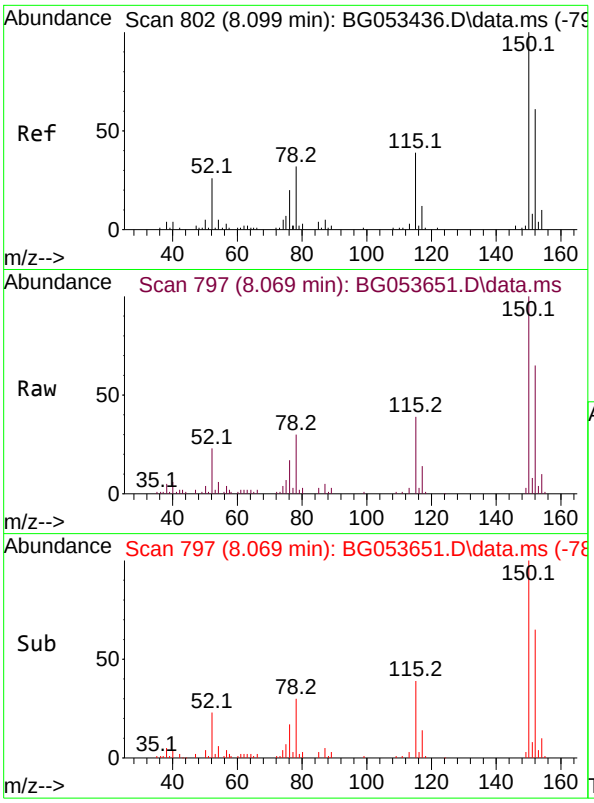


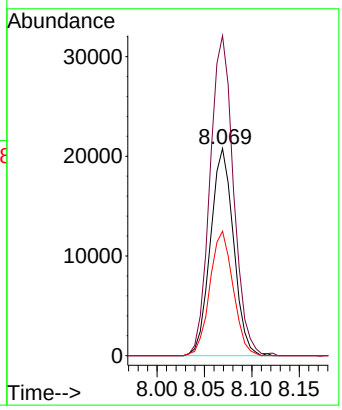


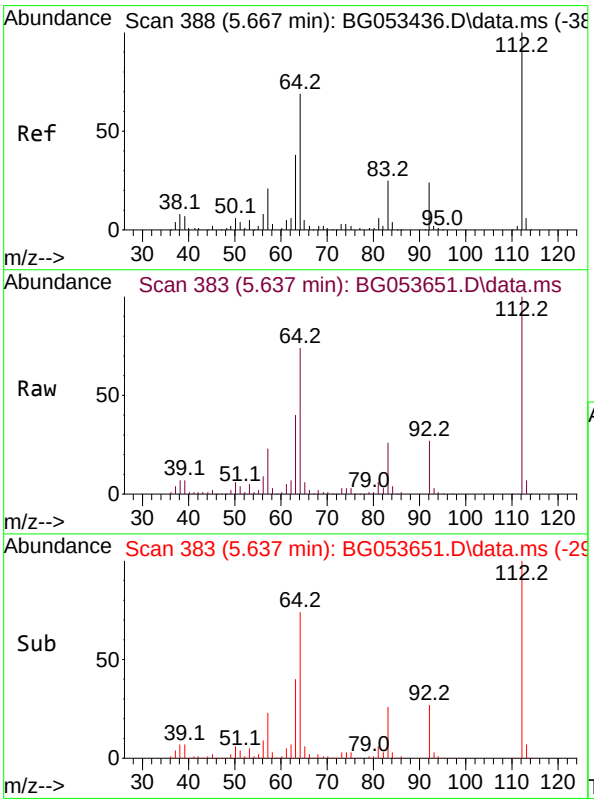
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:152 Resp: 35195

Ion	Ratio	Lower	Upper
152	100		
150	154.4	131.6	197.4
115	60.1	50.9	76.3

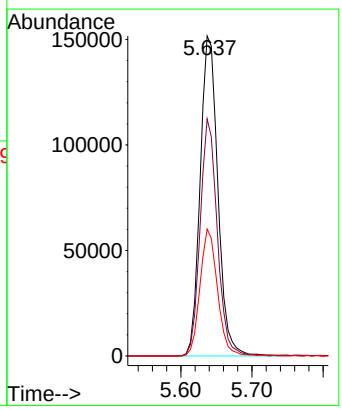


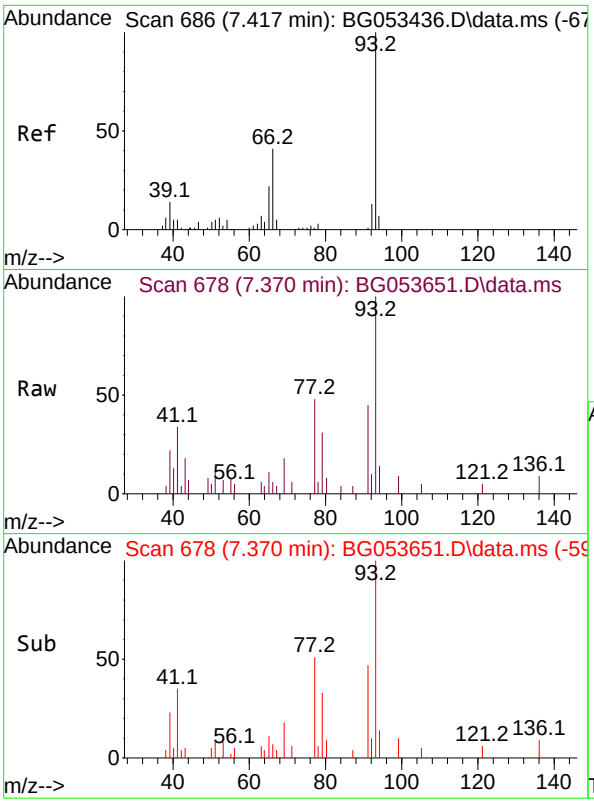


#5
2-Fluorophenol
Concen: 126.889 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:112 Resp: 263142

Ion	Ratio	Lower	Upper
112	100		
64	74.1	55.1	82.7
63	39.6	30.4	45.6



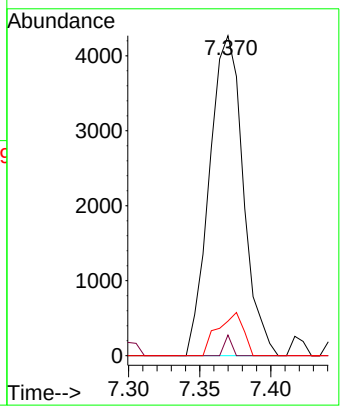


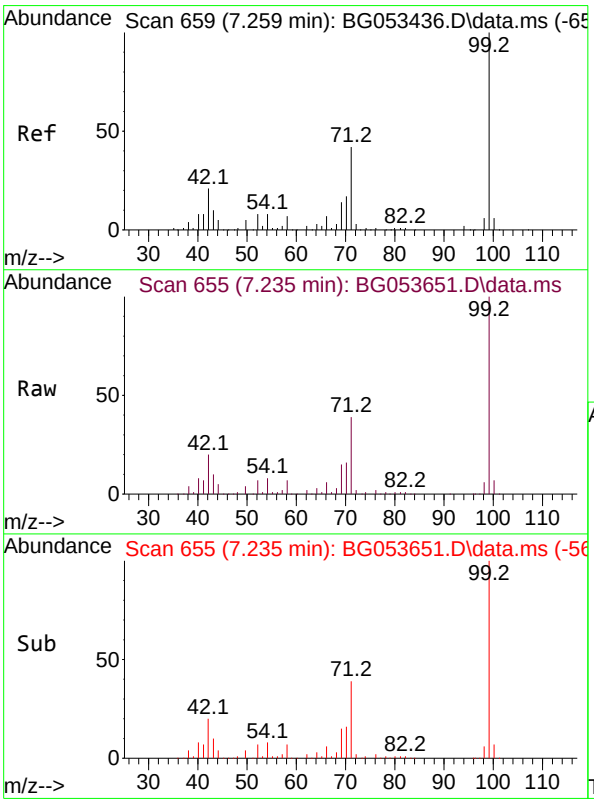
#6
Aniline
Concen: 2.024 ng
RT: 7.370 min Scan# 6
Delta R.T. -0.030 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion: 93 Resp: 7054

Ion	Ratio	Lower	Upper
93	100		
66	6.4	32.9	49.3#
65	10.8	17.8	26.8#

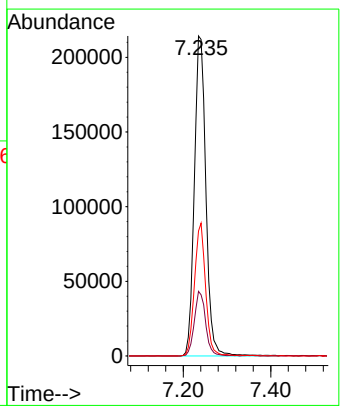


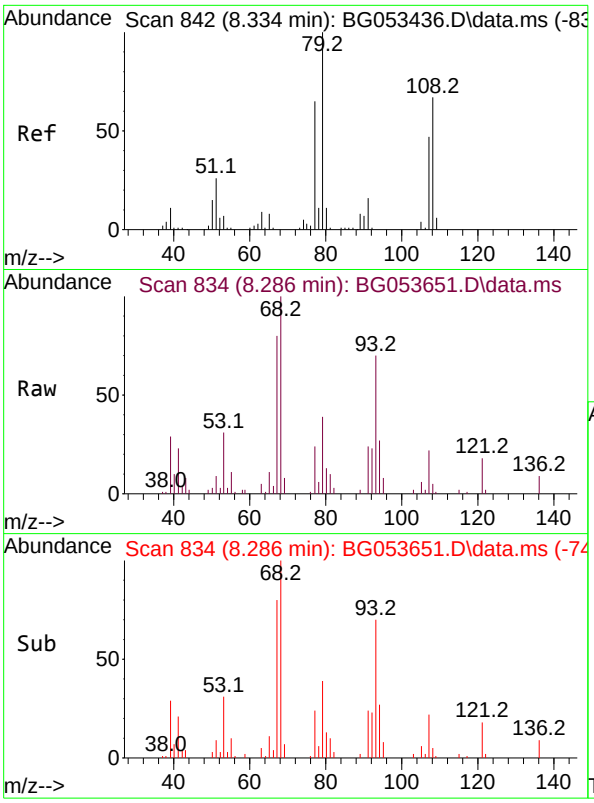


#7
Phenol-d6
Concen: 125.434 ng
RT: 7.235 min Scan# 655
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion: 99 Resp: 394779

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.6
71	39.0	33.8	50.8



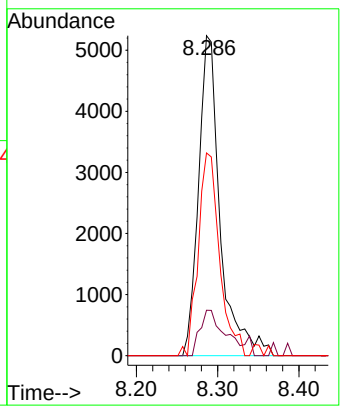


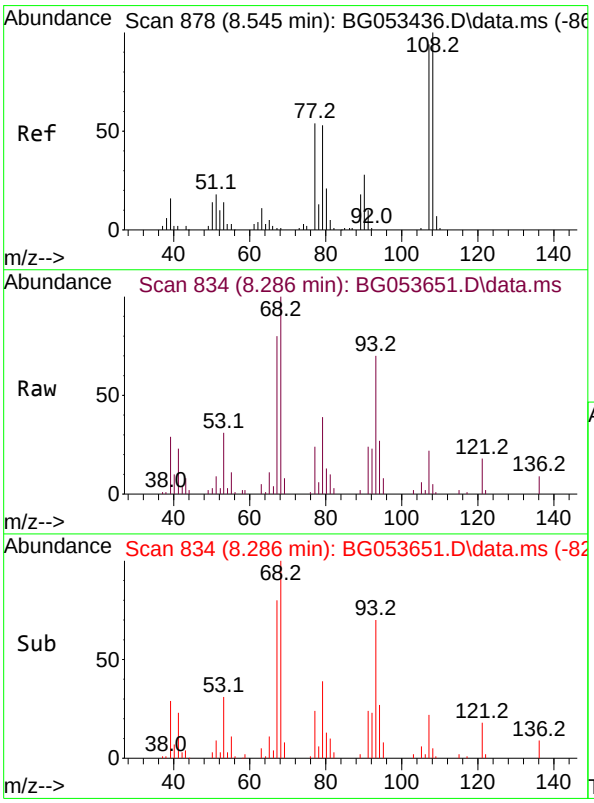
#15
Benzyl Alcohol
Concen: 3.679 ng
RT: 8.286 min Scan# 8
Delta R.T. -0.030 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion: 79 Resp: 9680

Ion	Ratio	Lower	Upper
79	100		
108	14.2	53.7	80.5#
77	63.3	52.2	78.4

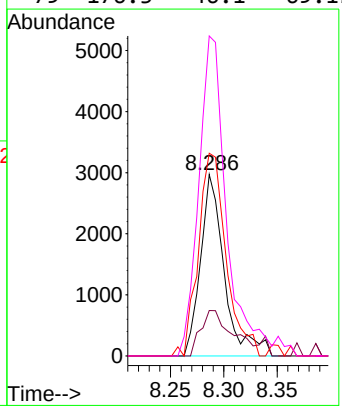


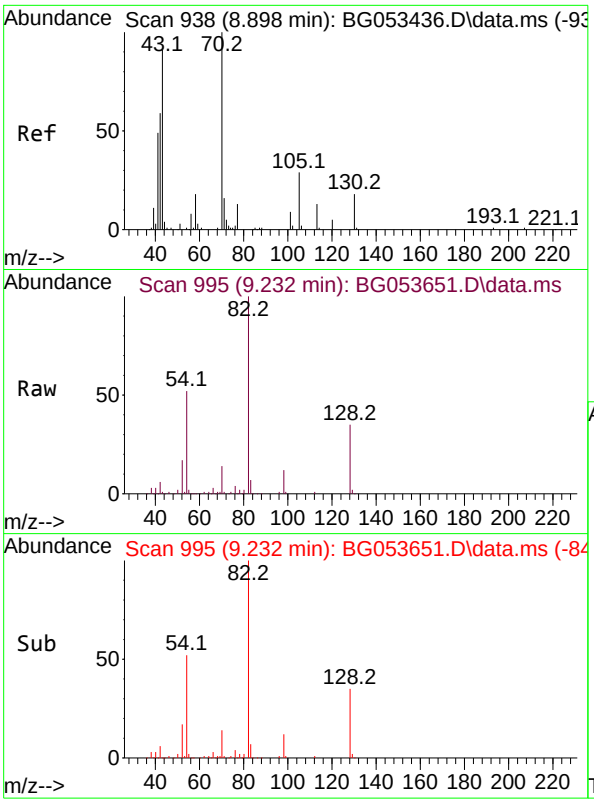


#17
2-Methylphenol
Concen: 2.228 ng
RT: 8.286 min Scan# 834
Delta R.T. -0.235 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:107 Resp: 4635

Ion	Ratio	Lower	Upper
107	100		
108	25.0	85.4	128.0#
77	111.7	46.2	69.2#
79	176.3	46.1	69.1#



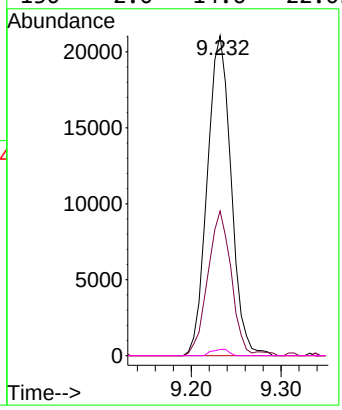


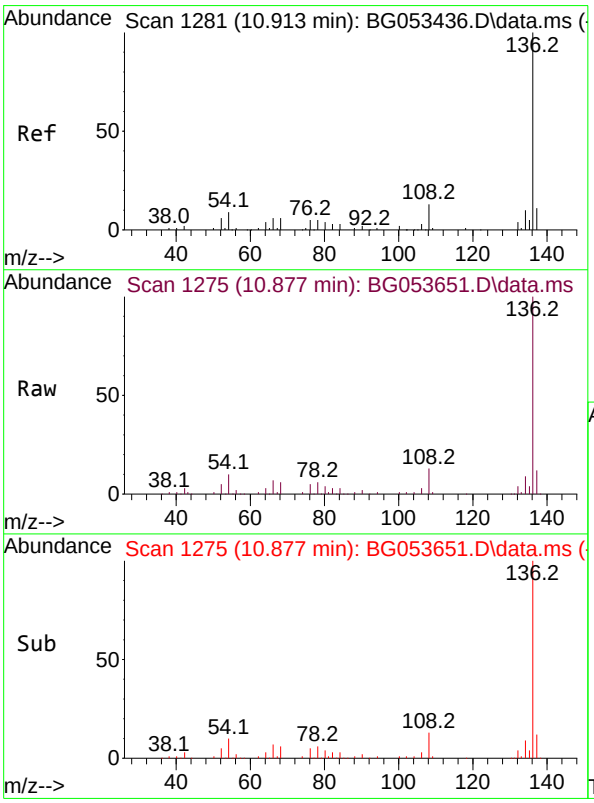
#19
n-Nitroso-di-n-propylamine
Concen: 17.173 ng
RT: 9.232 min Scan# 9
Delta R.T. 0.352 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion: 70 Resp: 38780

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.3	70.9#
101	0.0	7.0	10.4#
130	2.0	14.6	22.0#

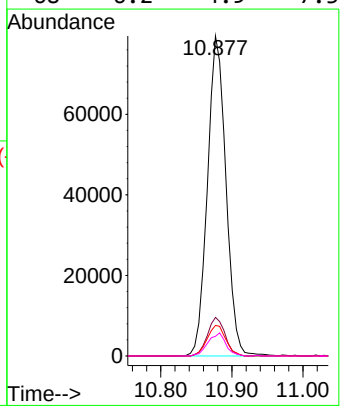


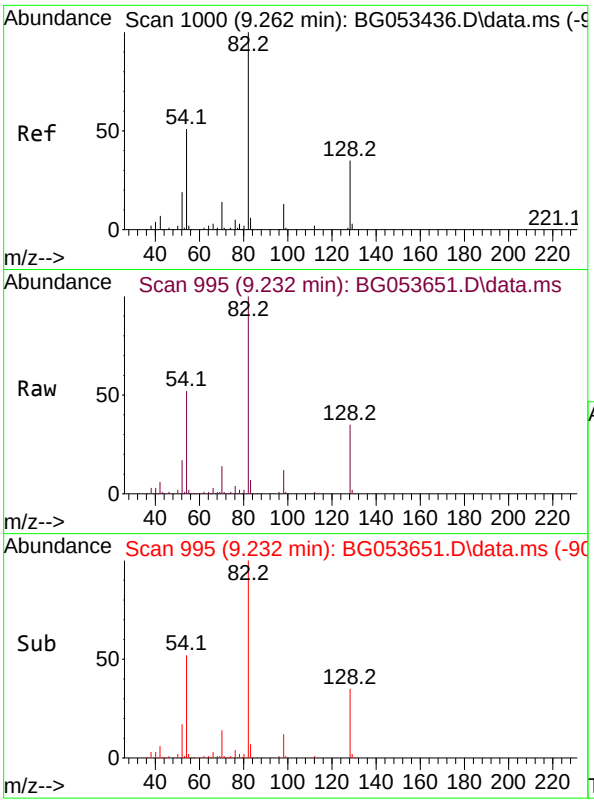


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:136 Resp: 143793

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.5	12.7
54	9.6	7.4	11.2
68	6.2	4.9	7.3



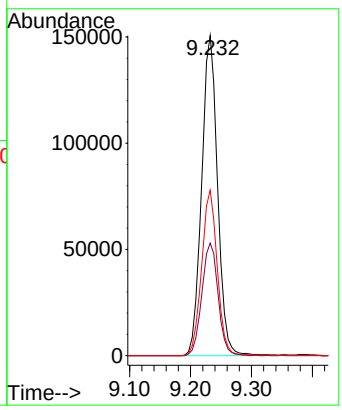


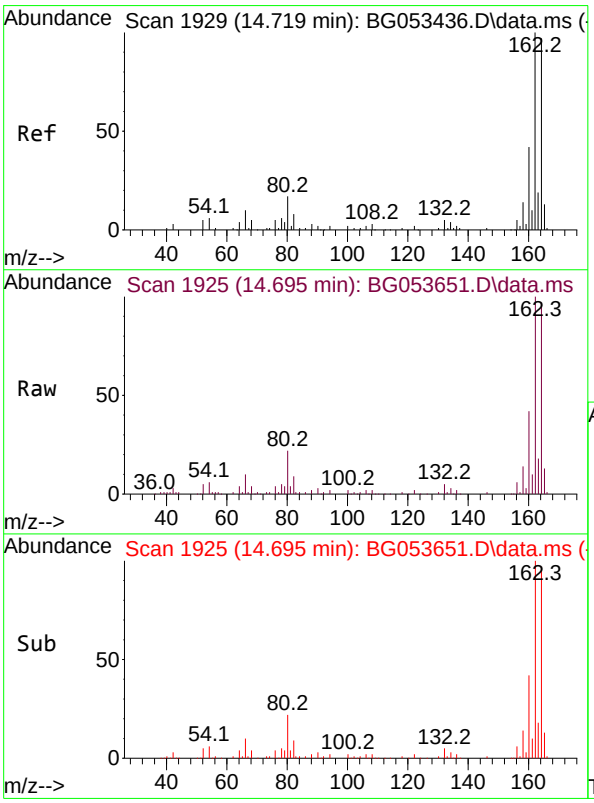
#23
Nitrobenzene-d5
Concen: 81.003 ng
RT: 9.232 min Scan# 9
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion: 82 Resp: 273622

Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.9	41.9
54	51.7	41.2	61.8

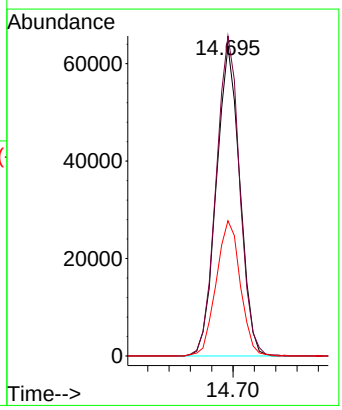


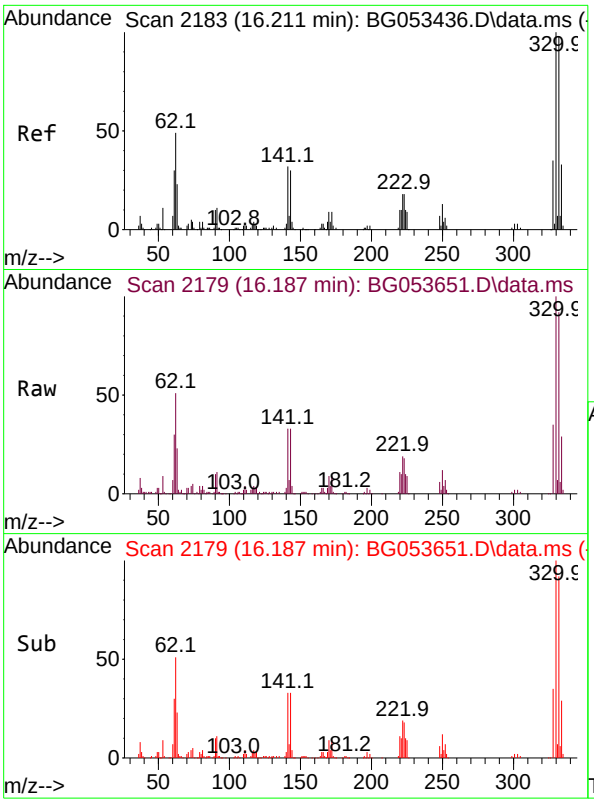


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:164 Resp: 97041

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.3	123.5
160	43.6	34.2	51.2



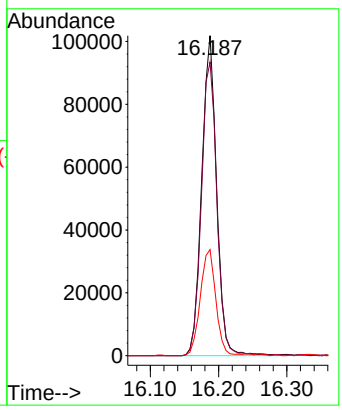


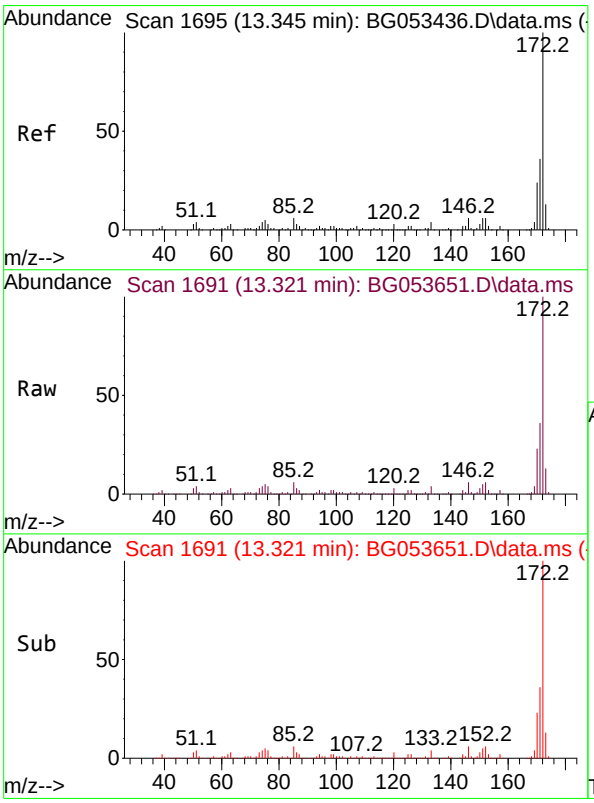
#42
2,4,6-Tribromophenol
Concen: 108.081 ng
RT: 16.187 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:330 Resp: 154690

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	34.6	27.1	40.7

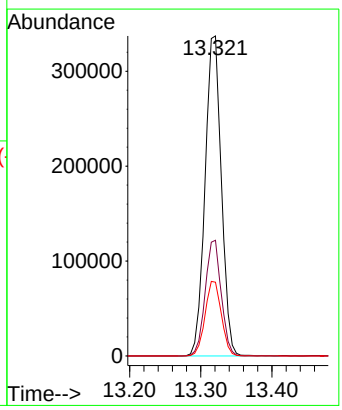


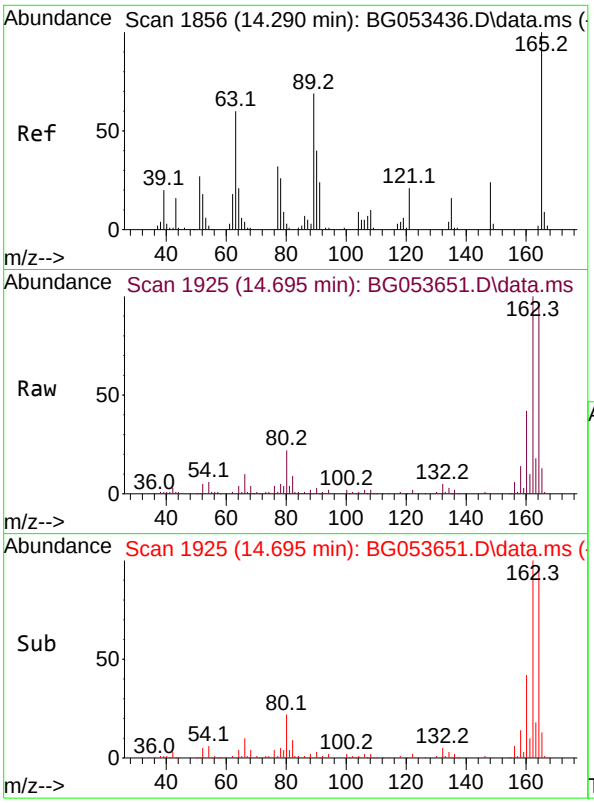


#45
2-Fluorobiphenyl
Concen: 81.096 ng
RT: 13.321 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:172 Resp: 538542

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.1	18.9	28.3



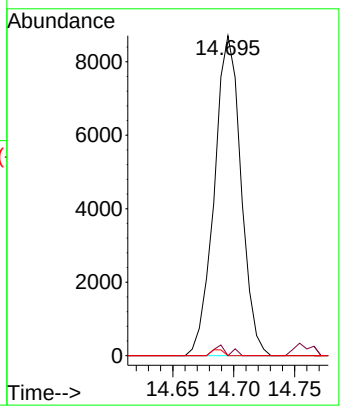


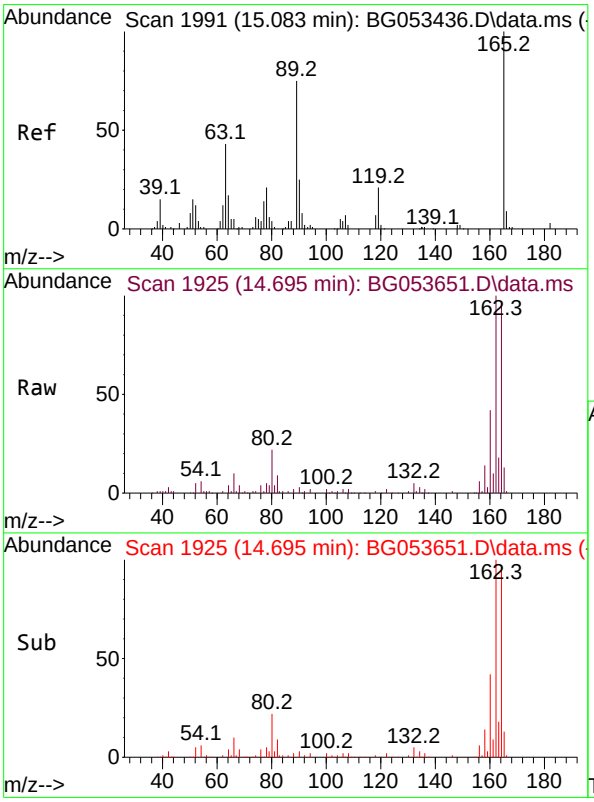
#51
2,6-Dinitrotoluene
Concen: 8.834 ng
RT: 14.695 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:165 Resp: 13272

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#

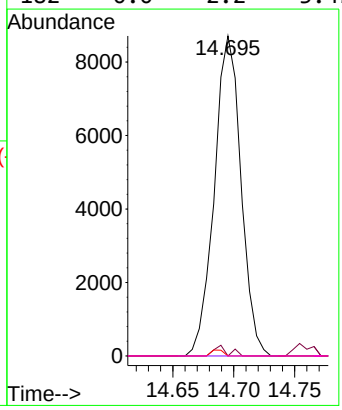


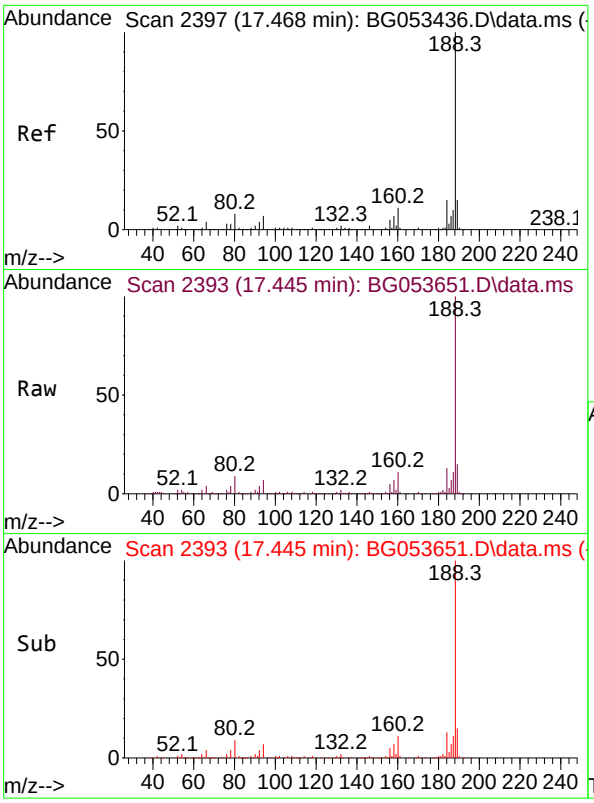


#57
2,4-Dinitrotoluene
Concen: 6.095 ng
RT: 14.695 min Scan# 1925
Delta R.T. -0.370 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:165 Resp: 13272

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



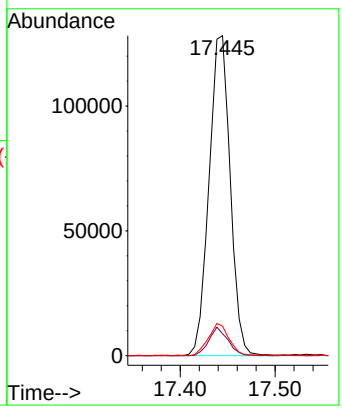


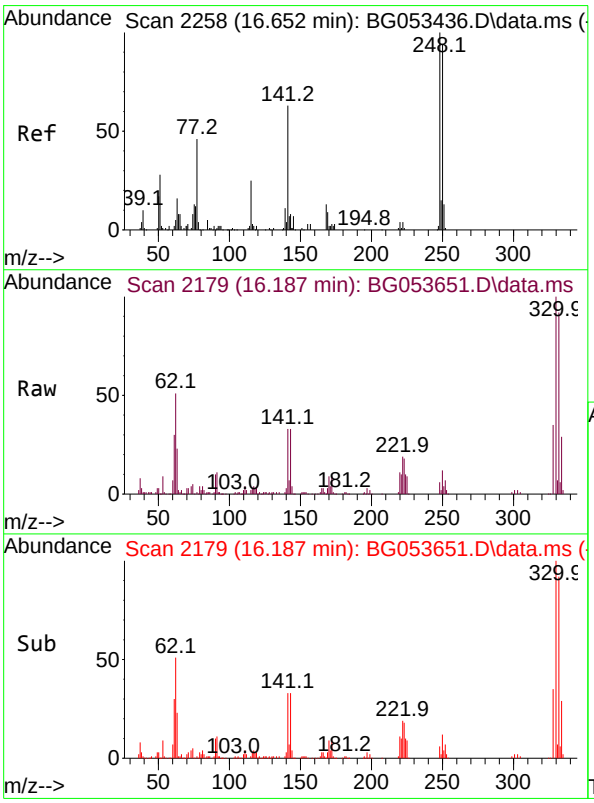
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:188 Resp: 198596

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.0
80	9.3	6.8	10.2

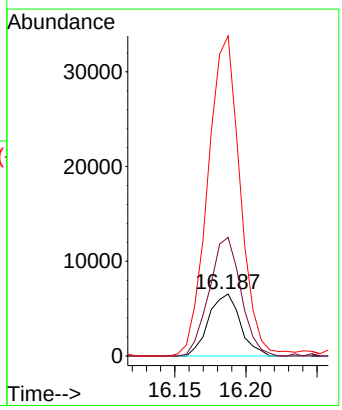


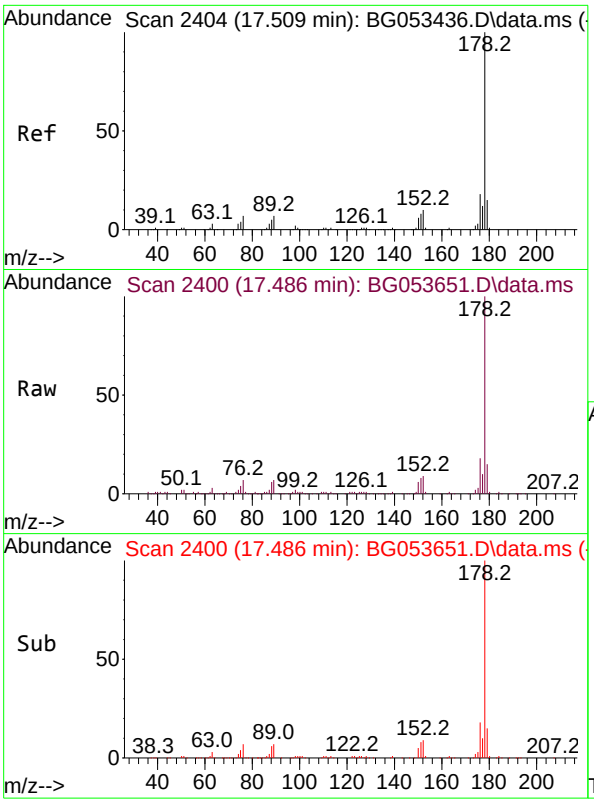


#67
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 16.187 min Scan# 2179
Delta R.T. -0.441 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:248 Resp: 10090

Ion	Ratio	Lower	Upper
248	100		
250	191.5	75.2	112.8#
141	517.3	50.0	75.0#



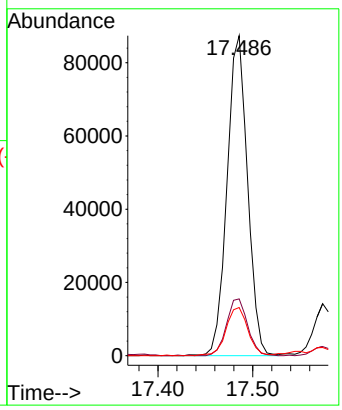


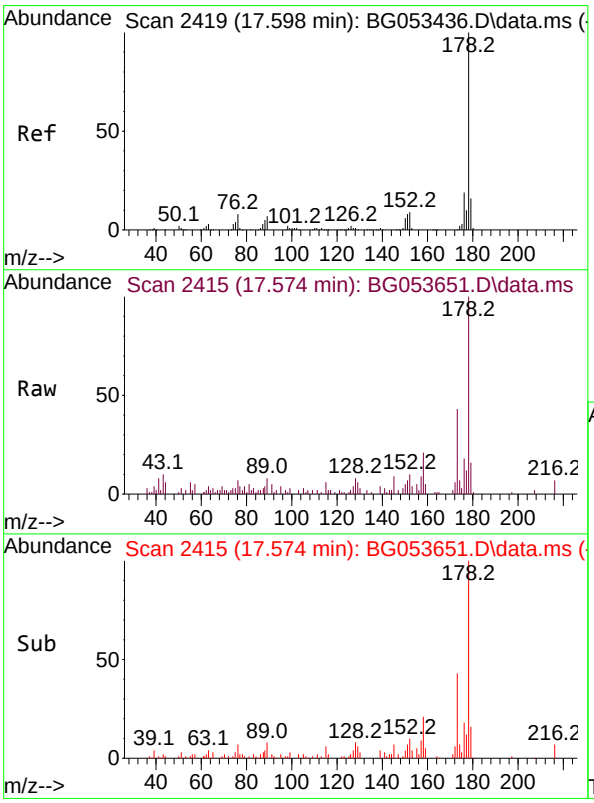
#71
Phenanthrene
Concen: 12.987 ng
RT: 17.486 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:178 Resp: 131147

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.1	21.1
179	15.0	12.1	18.1

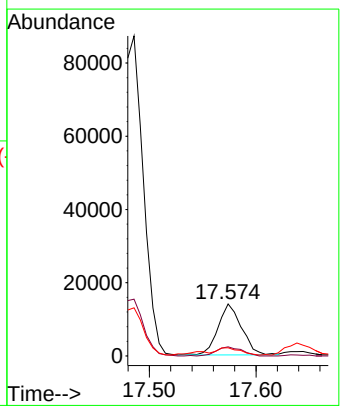


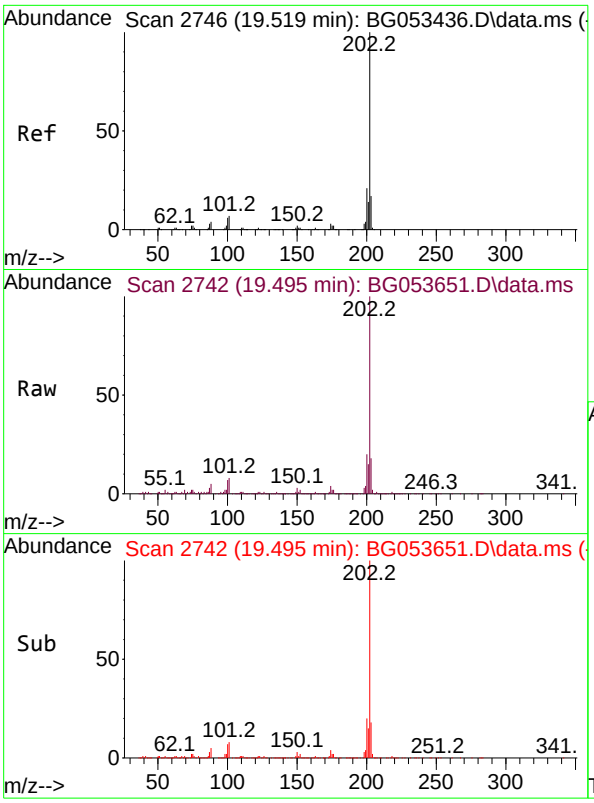


#72
Anthracene
Concen: 2.162 ng
RT: 17.574 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:178 Resp: 21457

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.2	22.8
179	15.6	13.0	19.4



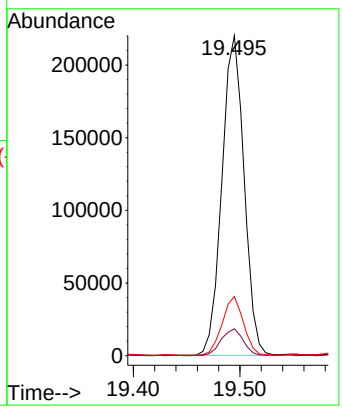


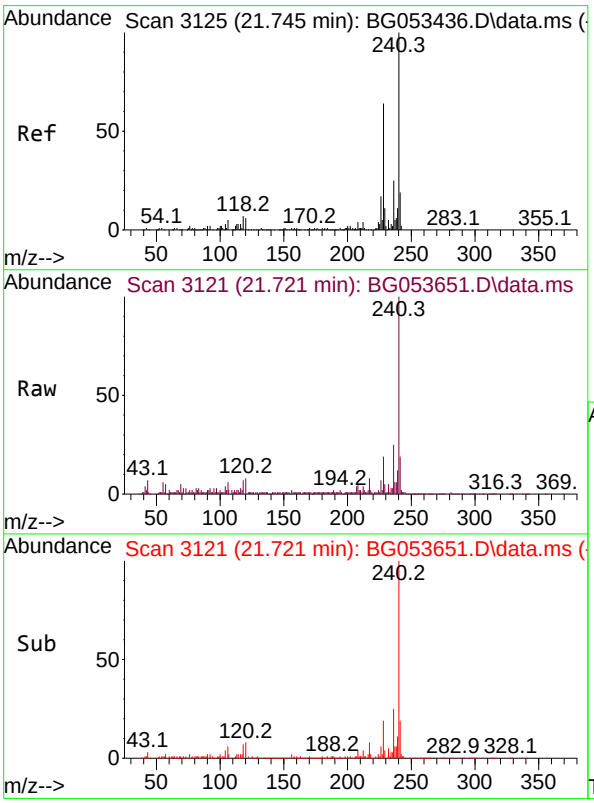
#75
Fluoranthene
Concen: 24.270 ng
RT: 19.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:202 Resp: 317341

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	26.9
203	18.5	0.0	37.2

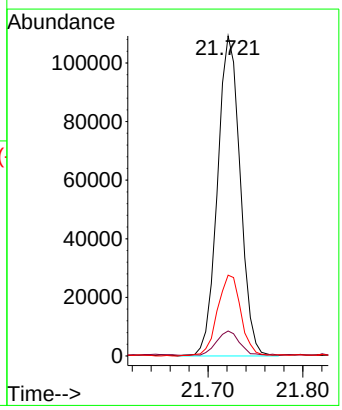


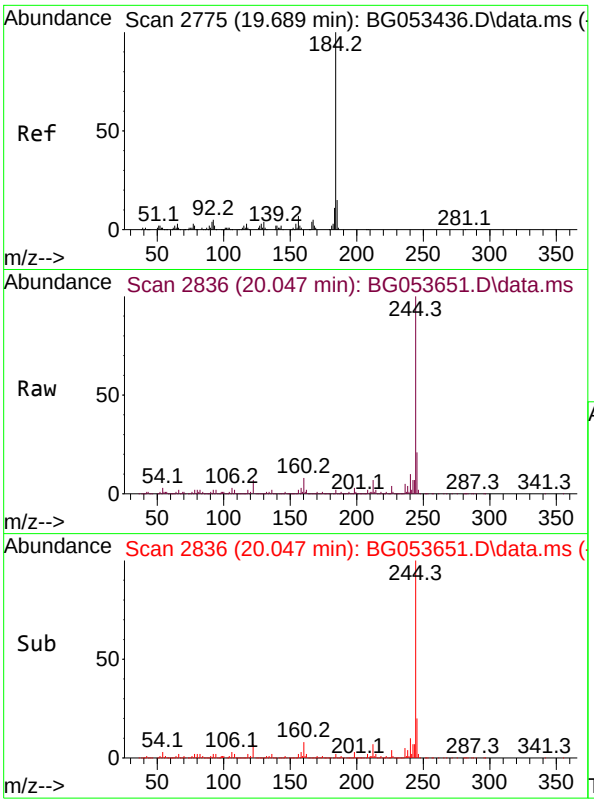


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:240 Resp: 181887

Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.6	7.0#
236	25.3	20.2	30.4



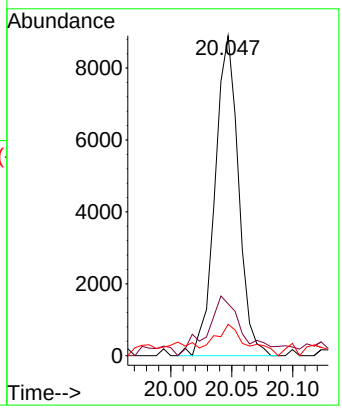


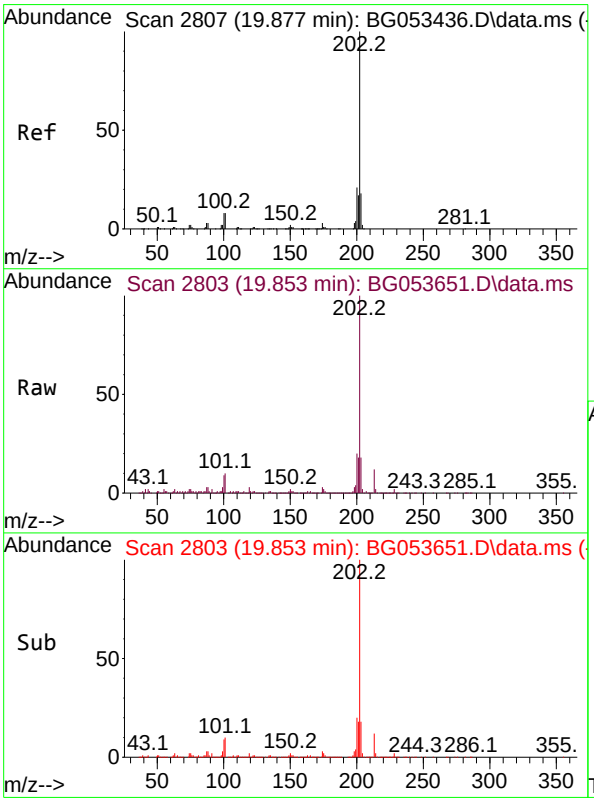
#77
Benzidine
Concen: 3.042 ng
RT: 20.047 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:184 Resp: 11926

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	9.8	8.9	13.3

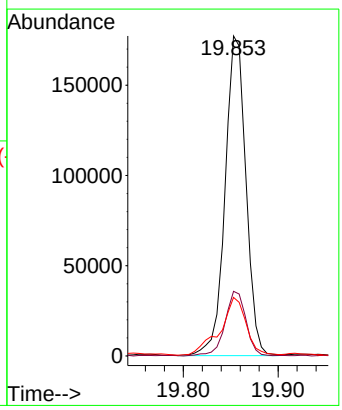


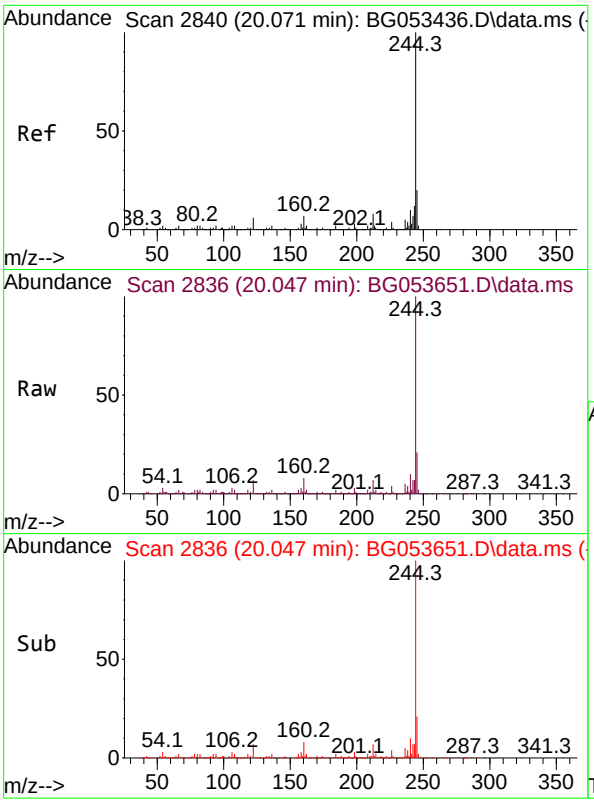


#78
Pyrene
Concen: 23.031 ng
RT: 19.853 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:202 Resp: 271173

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	18.3	14.6	21.8



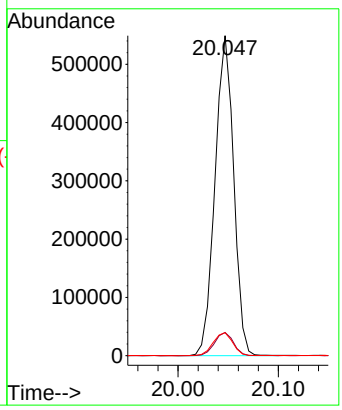


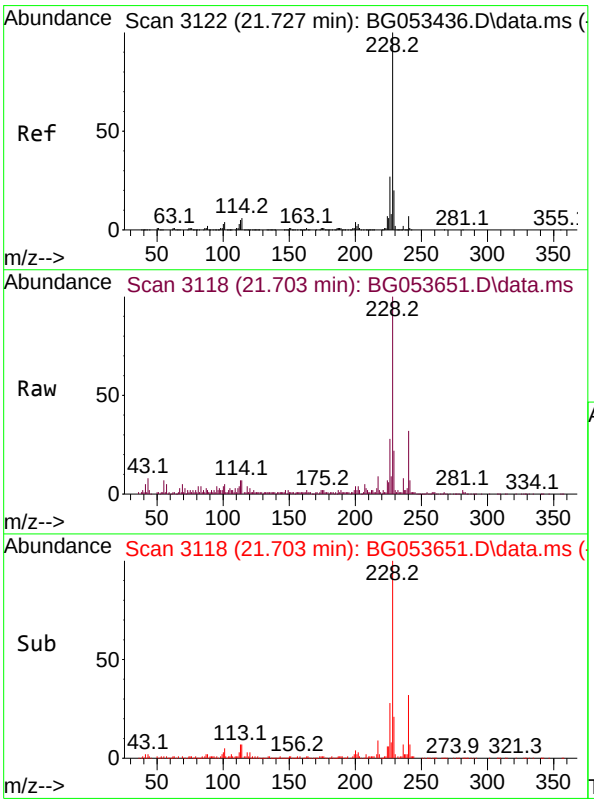
#79
Terphenyl-d14
Concen: 72.579 ng
RT: 20.047 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:244 Resp: 708803

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	7.2	5.0	7.4

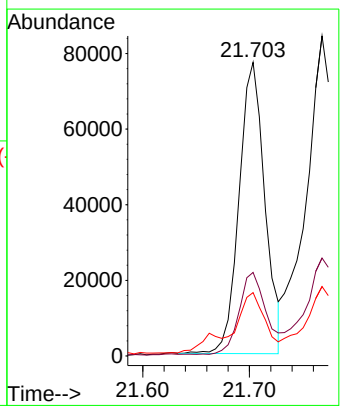


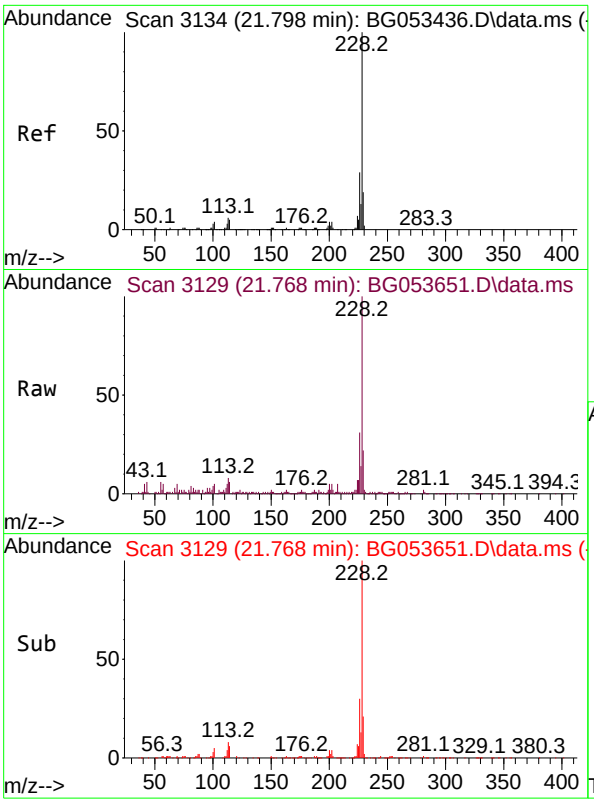


#81
Benzo(a)anthracene
Concen: 11.185 ng
RT: 21.703 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:228 Resp: 129759

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.6	32.4
229	21.6	16.2	24.2



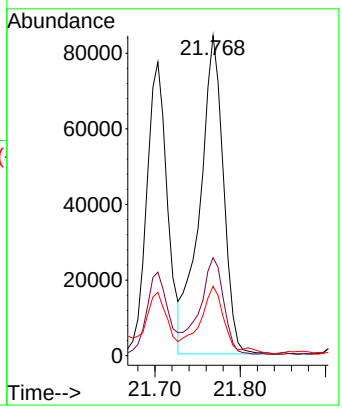


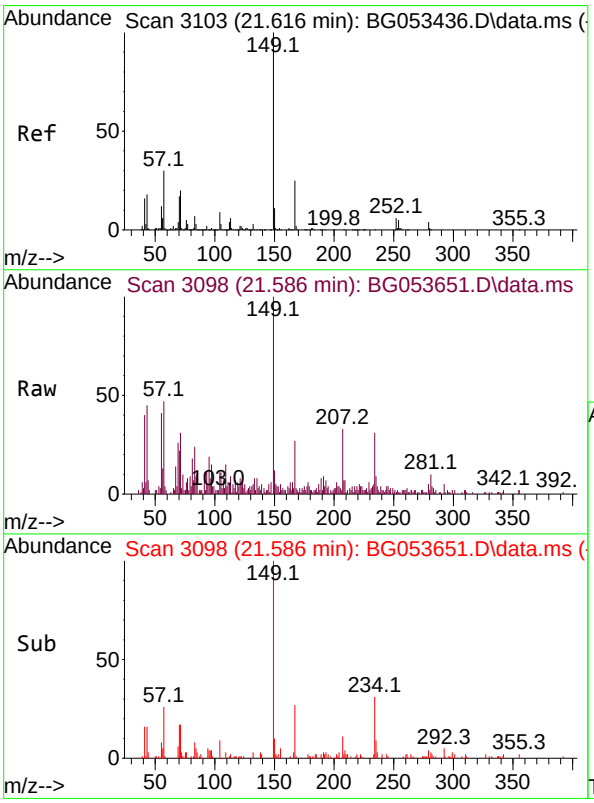
#83
Chrysene
Concen: 14.950 ng
RT: 21.768 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:228 Resp: 161982

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	21.7	15.5	23.3

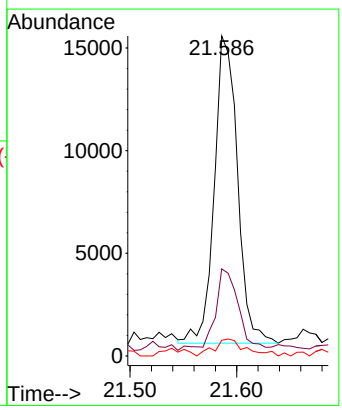


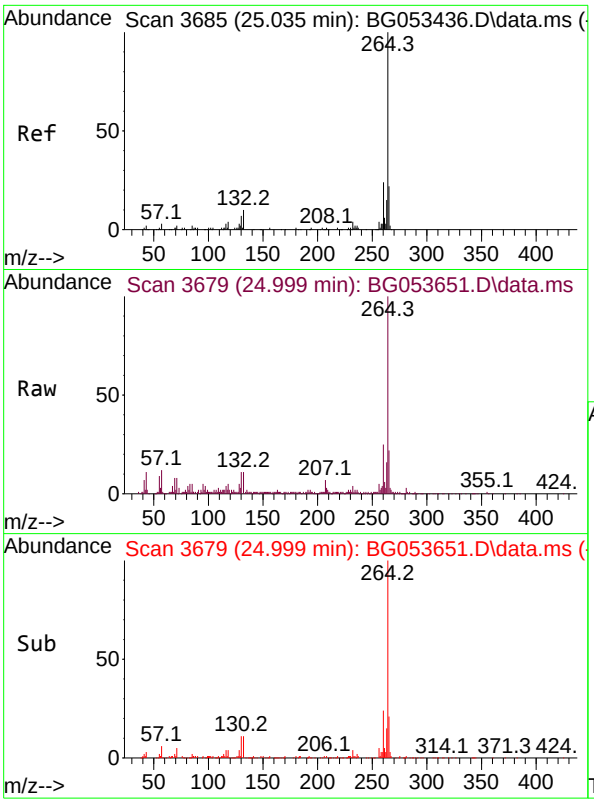


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.788 ng
RT: 21.586 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:149 Resp: 22571

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.4
279	4.9	3.6	5.4



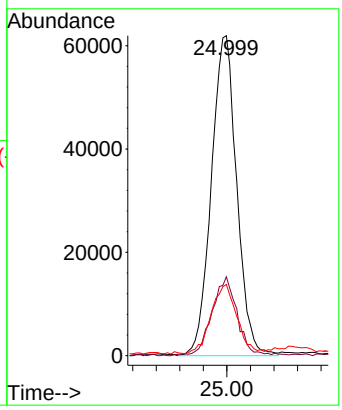


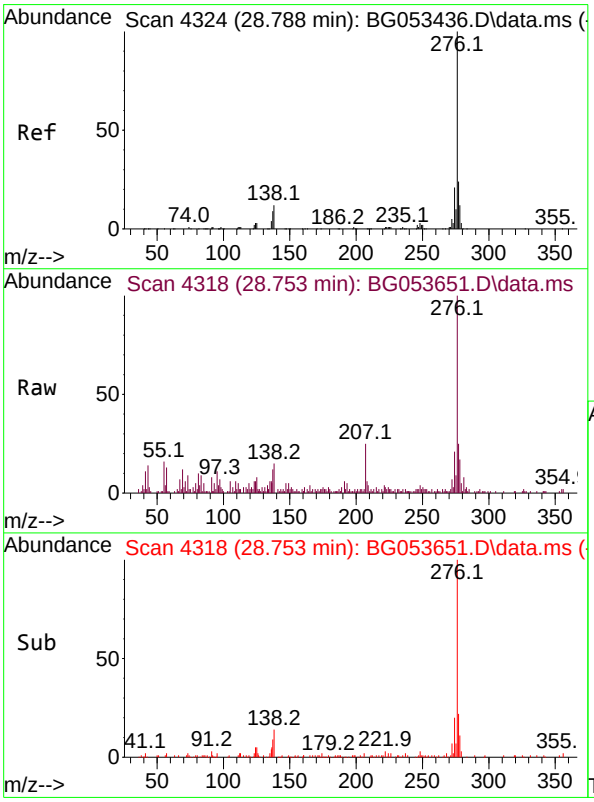
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.999 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:264 Resp: 185564

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.3	17.4	26.2

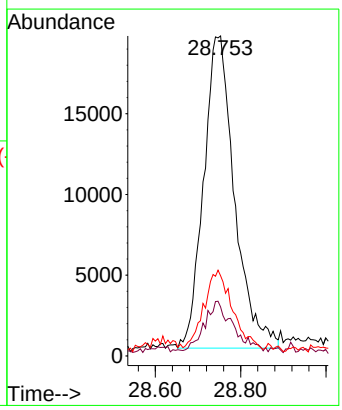


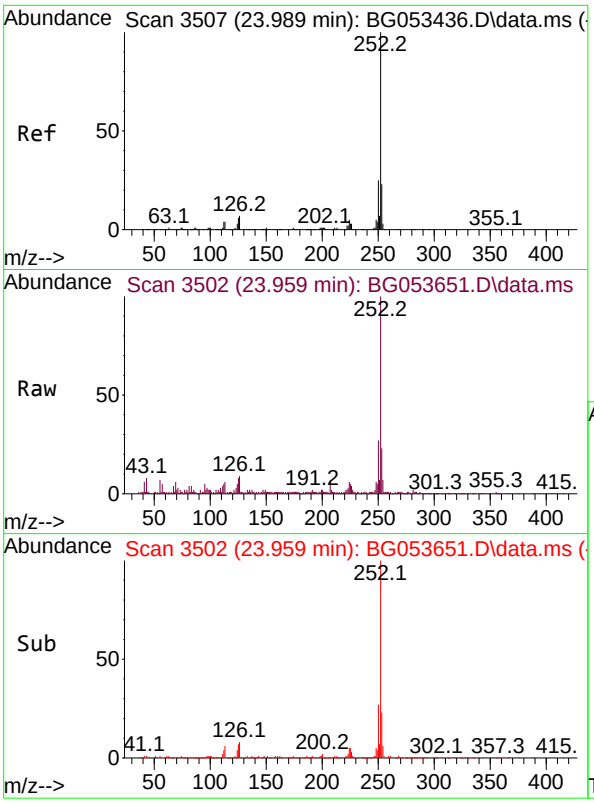


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.524 ng
RT: 28.753 min Scan# 4318
Delta R.T. -0.000 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:276 Resp: 97237

Ion	Ratio	Lower	Upper
276	100		
138	13.1	5.0	7.4#
277	23.2	20.3	30.5



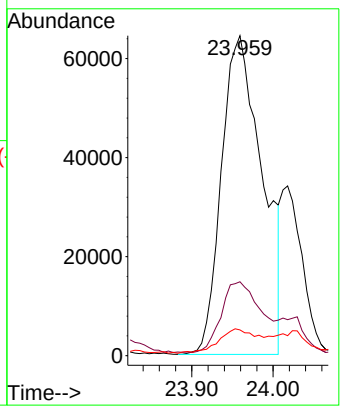


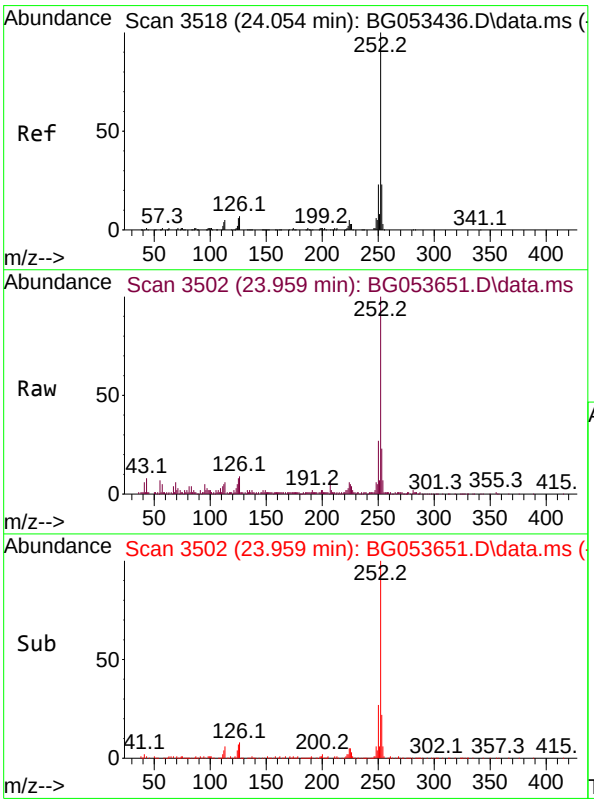
#88
Benzo(b)fluoranthene
Concen: 20.439 ng
RT: 23.959 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:252 Resp: 224498

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	8.1	4.6	6.8#

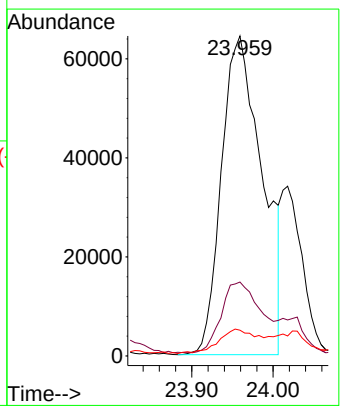


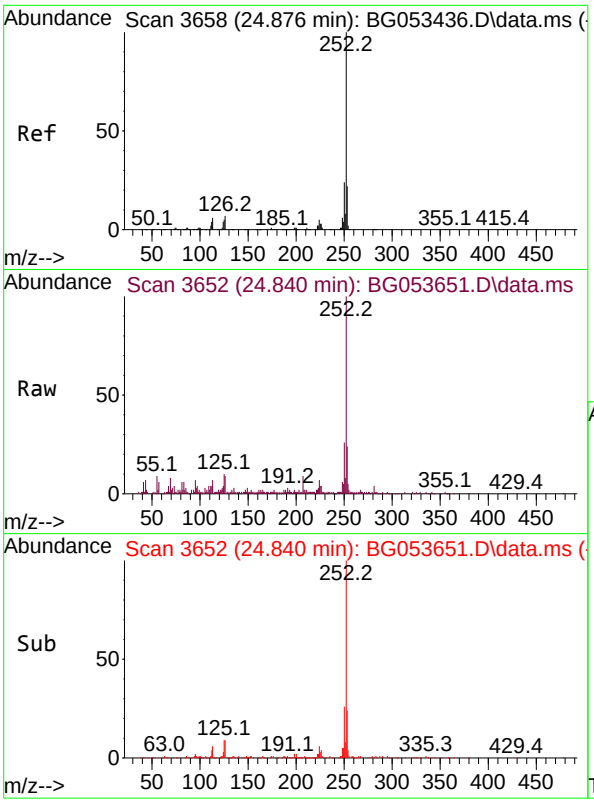


#89
Benzo(k)fluoranthene
Concen: 20.800 ng
RT: 23.959 min Scan# 3502
Delta R.T. -0.071 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:252 Resp: 224498

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	8.1	4.8	7.2#



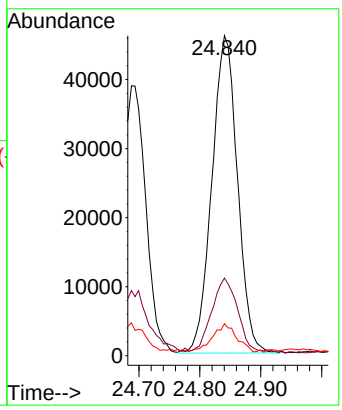


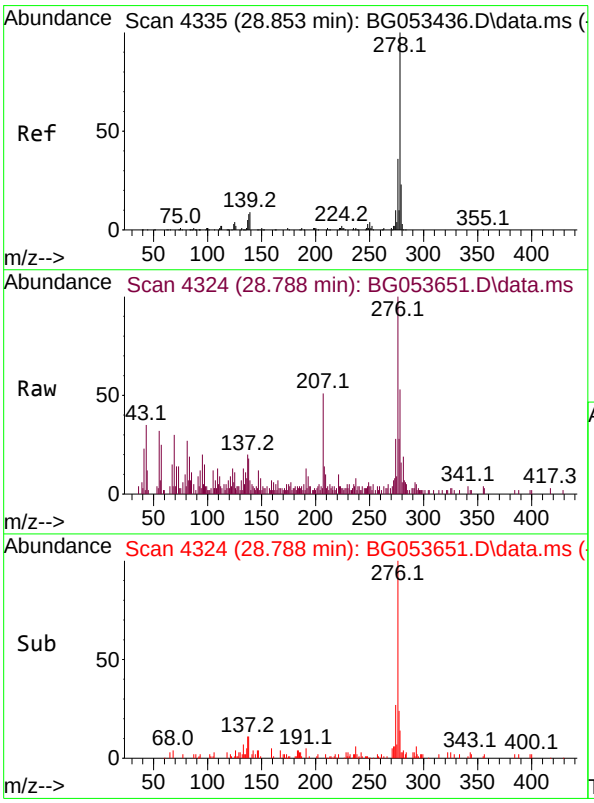
#90
Benzo(a)pyrene
Concen: 14.355 ng
RT: 24.840 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:252 Resp: 134201

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	10.0	4.3	6.5#

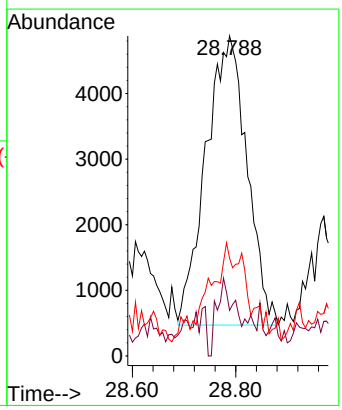


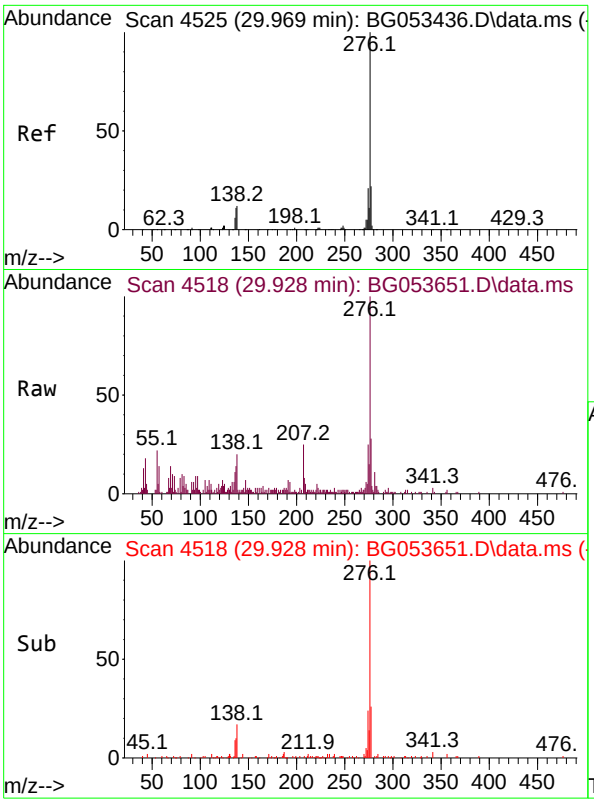


#91
Dibenzo(a,h)anthracene
Concen: 2.282 ng
RT: 28.788 min Scan# 4324
Delta R.T. -0.018 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Tgt Ion:278 Resp: 24297

Ion	Ratio	Lower	Upper
278	100		
139	14.3	7.2	10.8#
279	30.6	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 8.462 ng
RT: 29.928 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG053651.D
Acq: 20 May 2022 19:44

Instrument :
BNA_G
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion:276 Resp: 89328

Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.3	25.9#
138	19.5	9.6	14.4#