Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051113.D
Acq On : 18 Nov 2021 20:14
Operator : CG/JU
Sample : M4695-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
289

Quant Time: Nov 19 01:37:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 01:16:08 2021
Response via : Initial Calibration

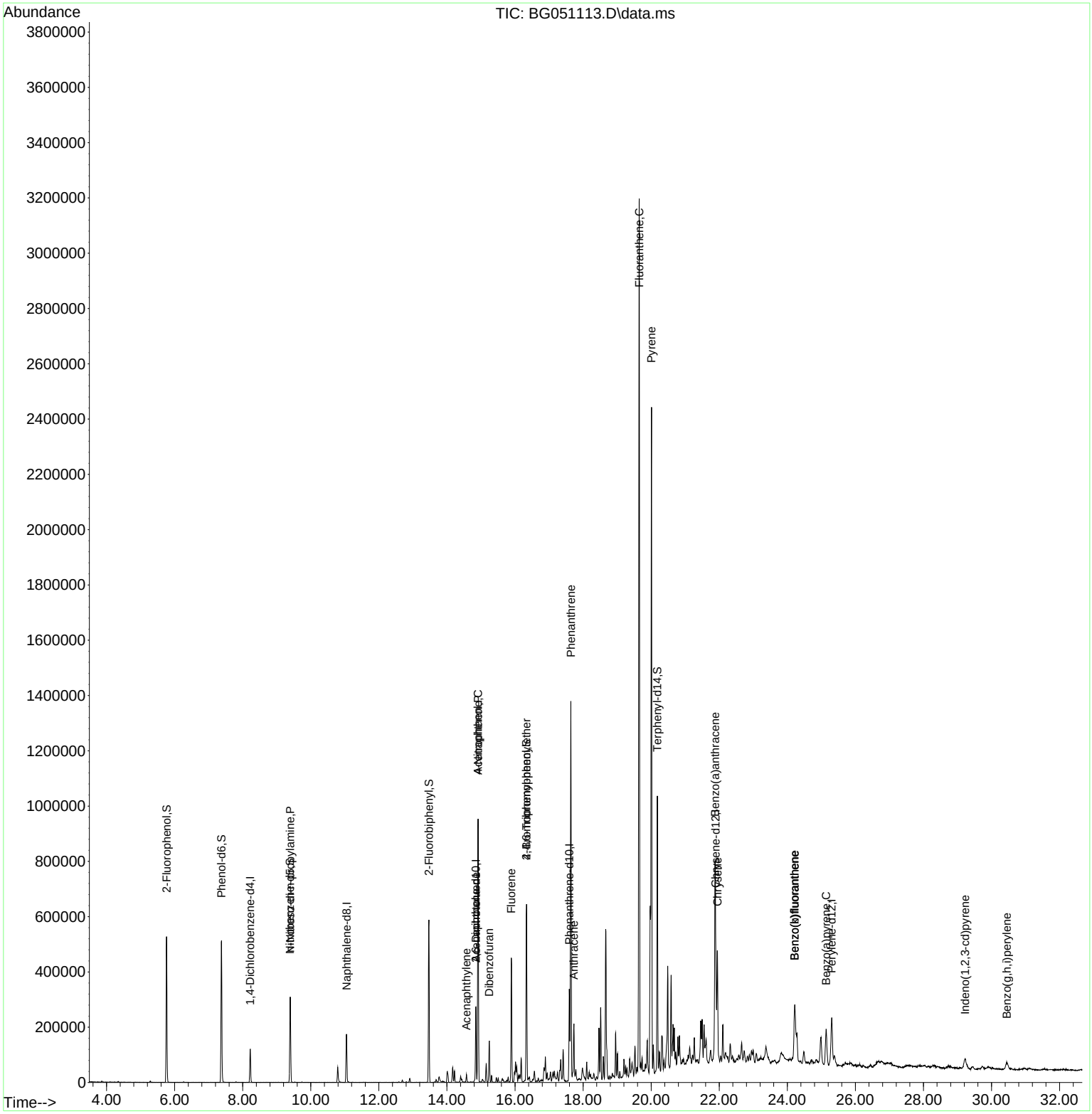
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	34967	20.000	ng	-0.01
21) Naphthalene-d8	11.049	136	151325	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	98426	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	204949	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	174668	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	179274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	233505	99.894	ng	0.00
7) Phenol-d6	7.371	99	312381	94.681	ng	0.00
23) Nitrobenzene-d5	9.393	82	207385	60.666	ng	-0.01
42) 2,4,6-Tribromophenol	16.337	330	94089	95.524	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	307344	49.338	ng	0.00
79) Terphenyl-d14	20.180	244	421797	45.987	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.398	70	28423	11.658	ng	# 69
49) Acenaphthylene	14.575	152	18295	2.007	ng	# 92
51) 2,6-Dinitrotoluene	14.851	165	13882	8.710	ng	# 11
52) Acenaphthene	14.916	154	341887	64.377	ng	92
55) Dibenzofuran	15.245	168	90948	10.069	ng	98
56) 4-Nitrophenol	14.916	139	3105	2.179	ng	# 24
58) Fluorene	15.891	166	203532	28.866	ng	99
67) 4-Bromophenyl-phenylether	16.337	248	7193	3.351	ng	# 1
71) Phenanthrene	17.642	178	840051	76.843	ng	98
72) Anthracene	17.730	178	130290	11.983	ng	98
75) Fluoranthene	19.651	202	2068031	154.192	ng	89
78) Pyrene	20.010	202	1579977	120.576	ng	# 92
81) Benzo(a)anthracene	21.878	228	462752	38.583	ng	98
83) Chrysene	21.948	228	307368	27.167	ng	95
87) Indeno(1,2,3-cd)pyrene	29.222	276	60913	4.787	ng	# 90
88) Benzo(b)fluoranthene	24.216	252	253230	22.440	ng	# 91
89) Benzo(k)fluoranthene	24.216	252	253230	22.500	ng	# 95
90) Benzo(a)pyrene	25.139	252	143348	14.879	ng	# 95
92) Benzo(g,h,i)perylene	30.450	276	52026	5.046	ng	# 91

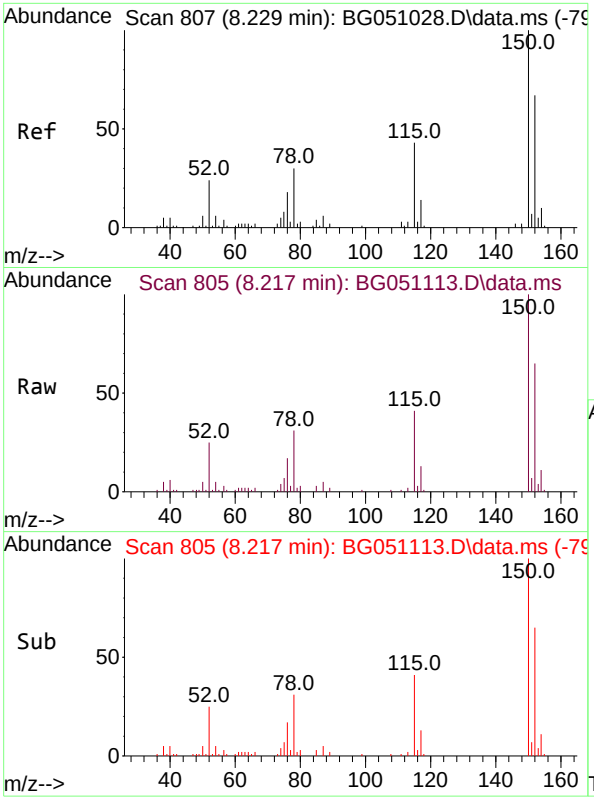
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051113.D
Acq On : 18 Nov 2021 20:14
Operator : CG/JU
Sample : M4695-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
289

Quant Time: Nov 19 01:37:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 01:16:08 2021
Response via : Initial Calibration



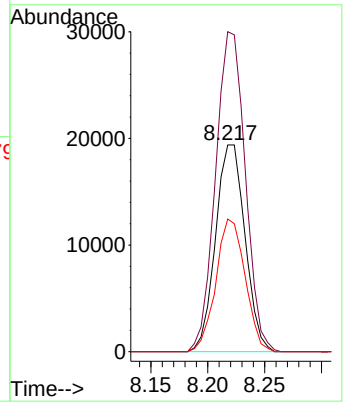


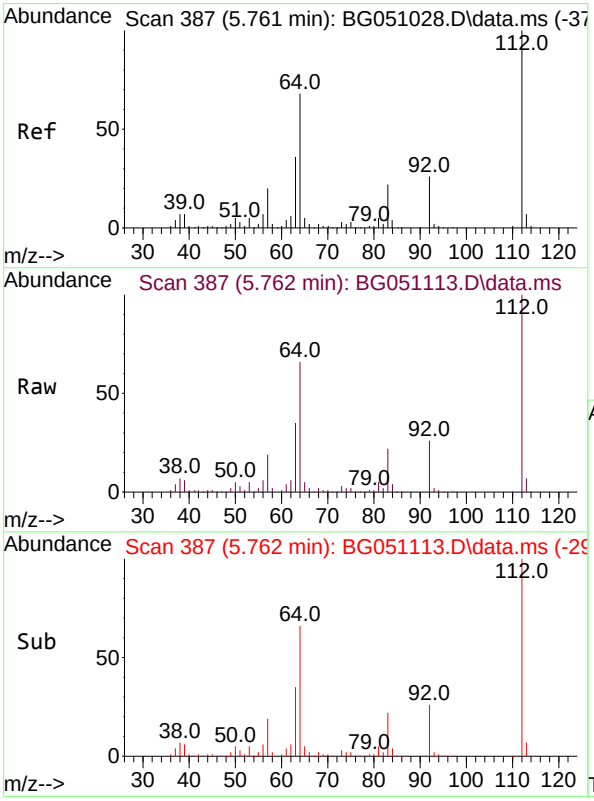
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:152 Resp: 34967

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.4	179.0
115	64.1	60.2	90.4

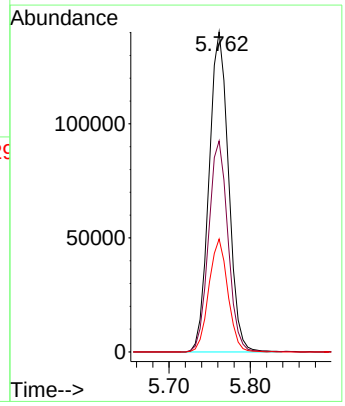


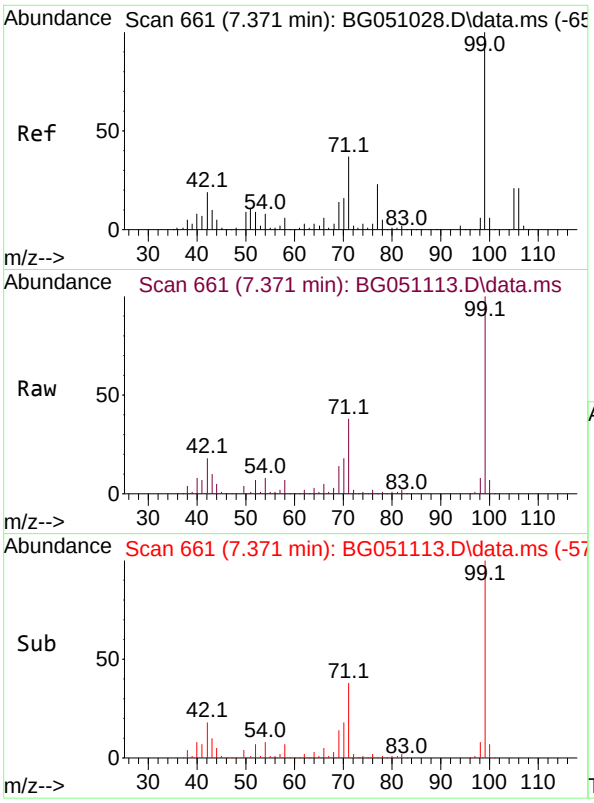


#5
2-Fluorophenol
Concen: 99.894 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:112 Resp: 233505

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.7	70.1
63	35.3	35.3	52.9



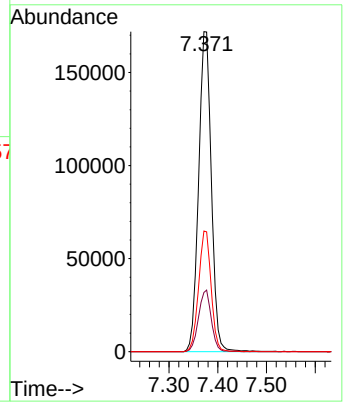


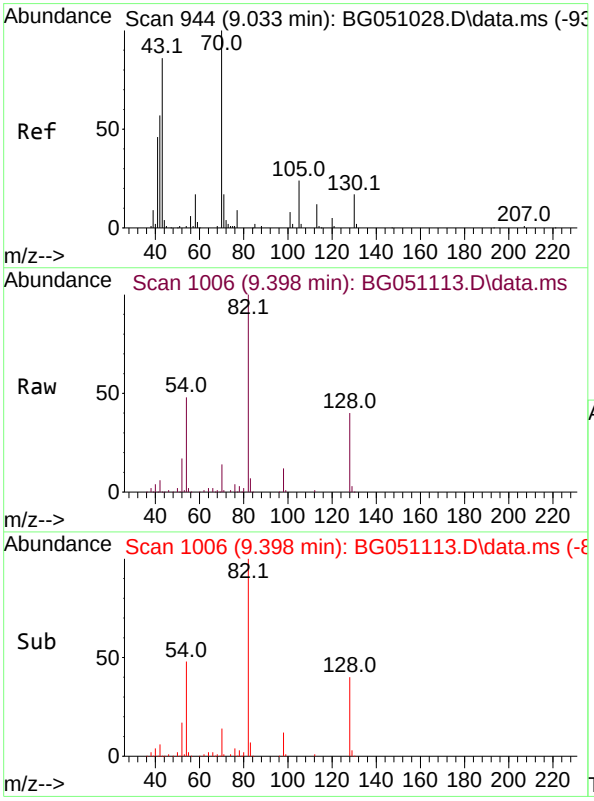
#7
Phenol-d6
Concen: 94.681 ng
RT: 7.371 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion: 99 Resp: 312381

Ion	Ratio	Lower	Upper
99	100		
42	18.5	20.5	30.7#
71	37.7	41.5	62.3#

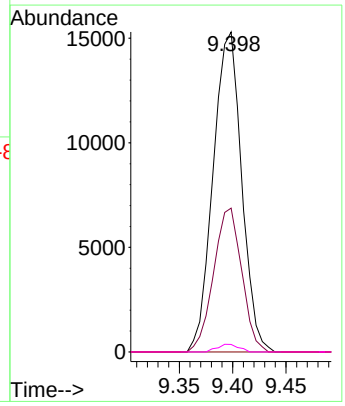


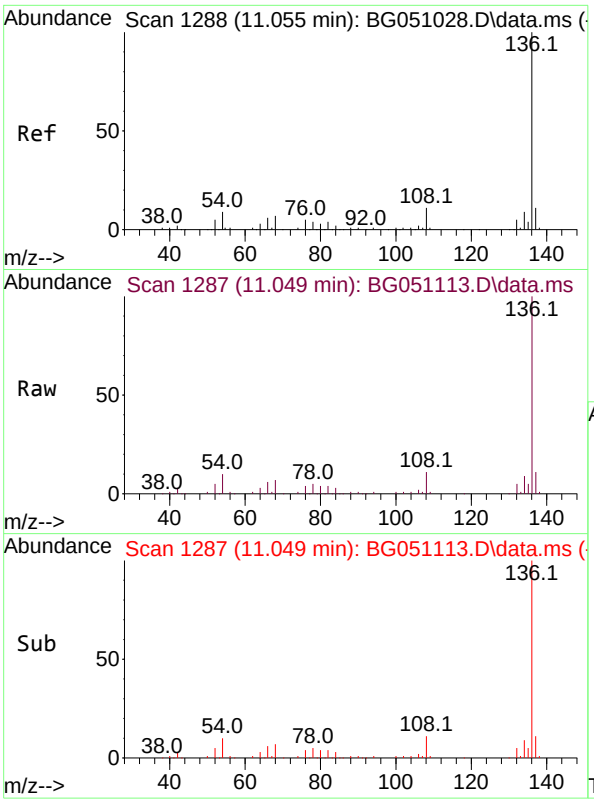


#19
n-Nitroso-di-n-propylamine
Concen: 11.658 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion: 70 Resp: 28423

Ion	Ratio	Lower	Upper
70	100		
42	44.9	54.5	81.7#
101	0.0	9.0	13.6#
130	2.4	17.0	25.6#



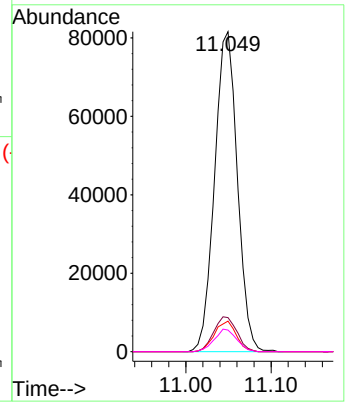


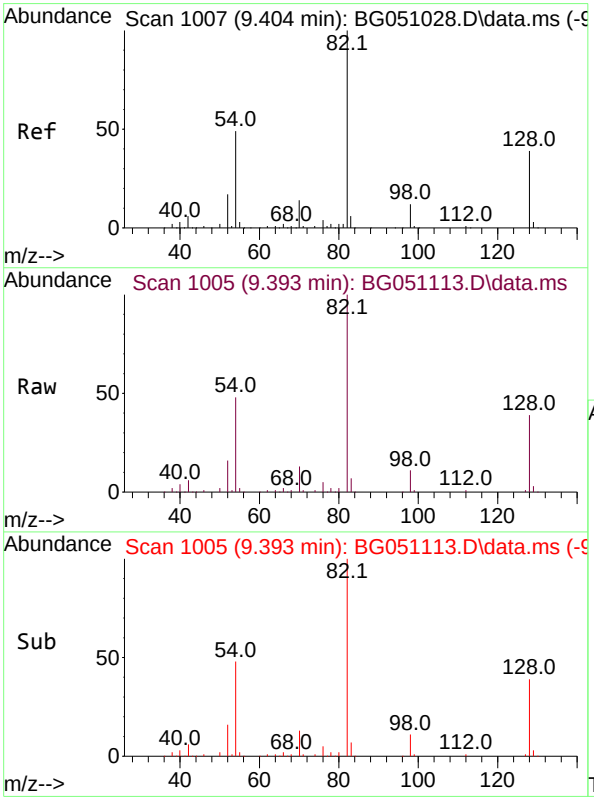
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:136 Resp: 151325

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	9.5	5.5	8.3#
68	6.8	2.3	3.5#

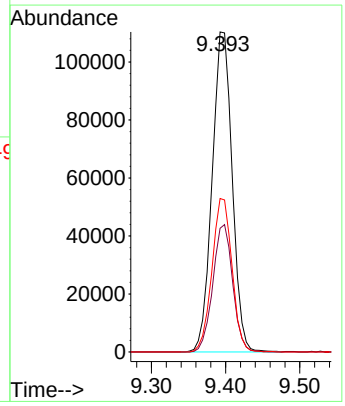


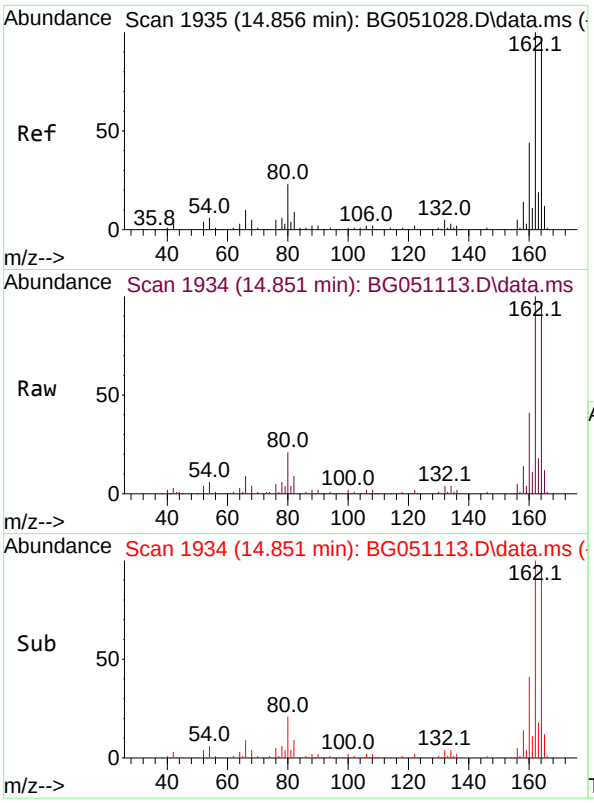


#23
Nitrobenzene-d5
Concen: 60.666 ng
RT: 9.393 min Scan# 1005
Delta R.T. -0.011 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion: 82 Resp: 207385

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.8	44.6
54	48.0	45.8	68.8



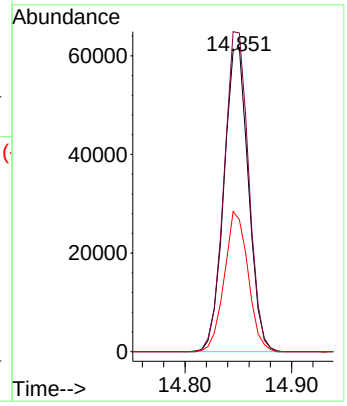


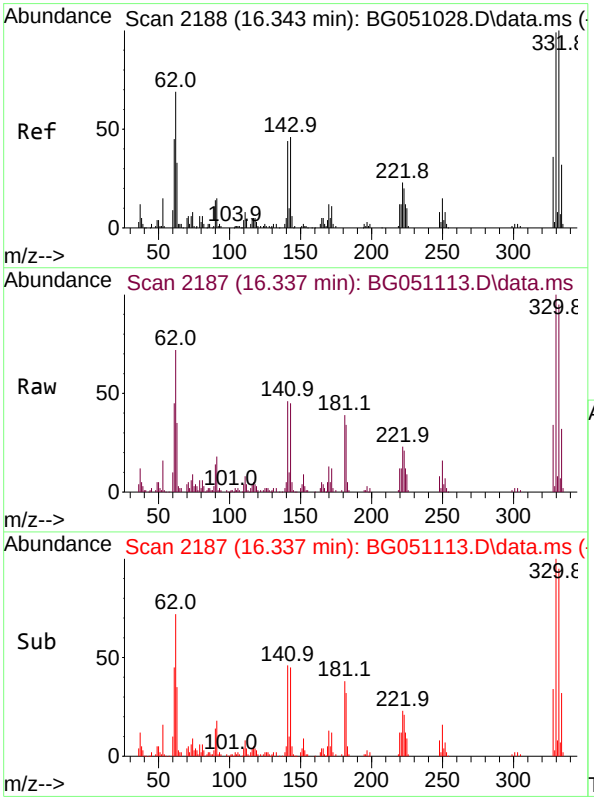
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:164 Resp: 98426

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	43.4	34.9	52.3

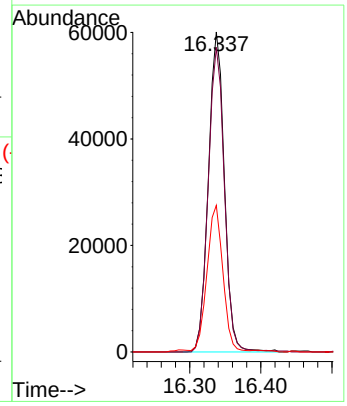


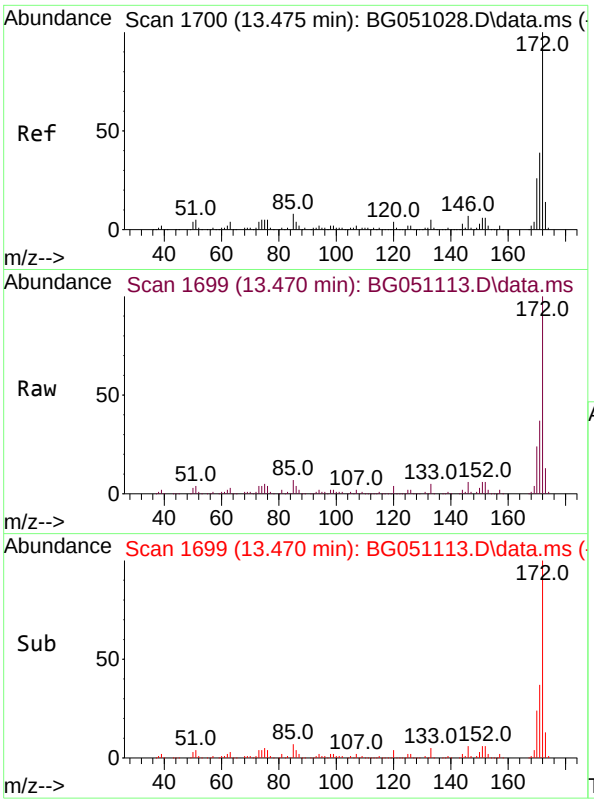


#42
2,4,6-Tribromophenol
Concen: 95.524 ng
RT: 16.337 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:330 Resp: 94089

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	44.4	35.6	53.4



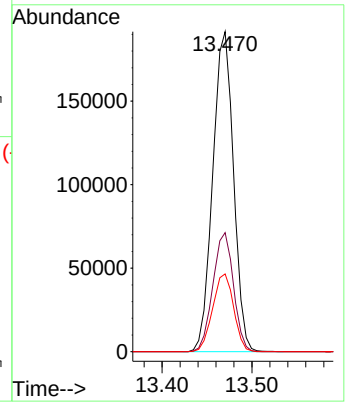


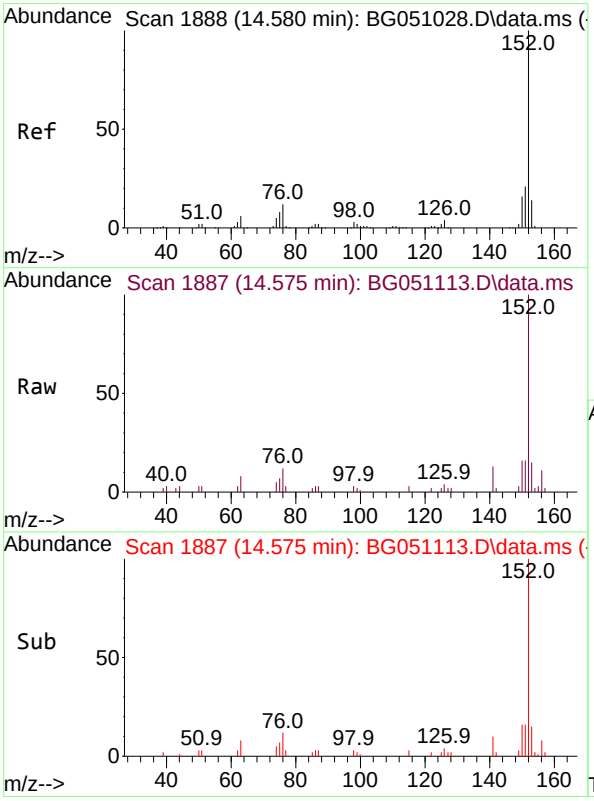
#45
2-Fluorobiphenyl
Concen: 49.338 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:172 Resp: 307344

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	24.3	18.6	27.8

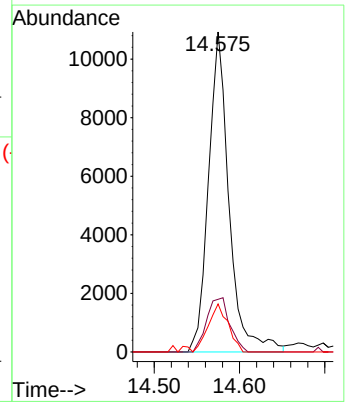


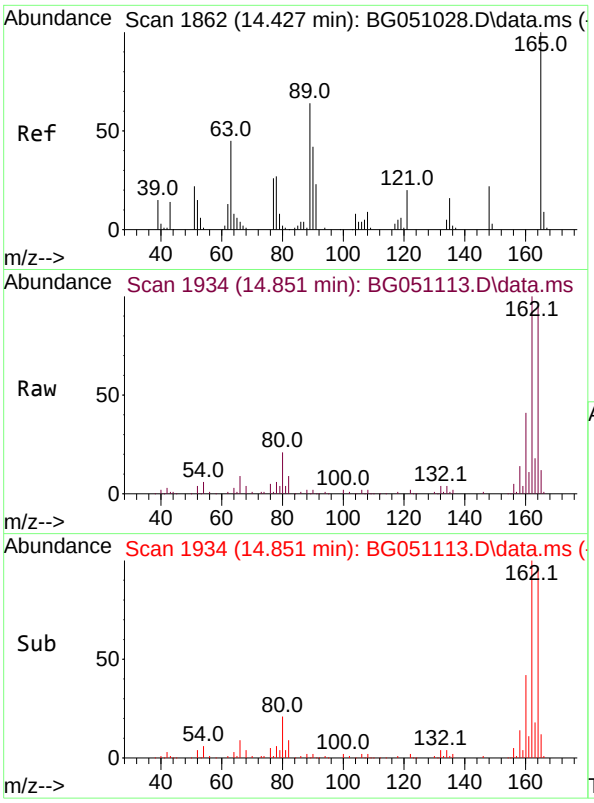


#49
Acenaphthylene
Concen: 2.007 ng
RT: 14.575 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:152 Resp: 18295

Ion	Ratio	Lower	Upper
152	100		
151	16.5	18.2	27.4#
153	15.0	11.7	17.5



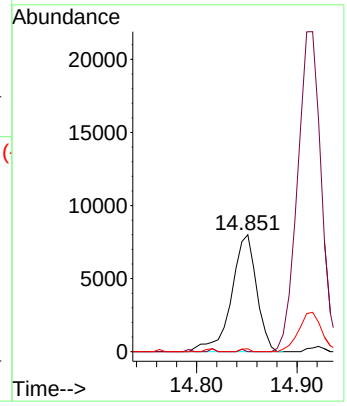


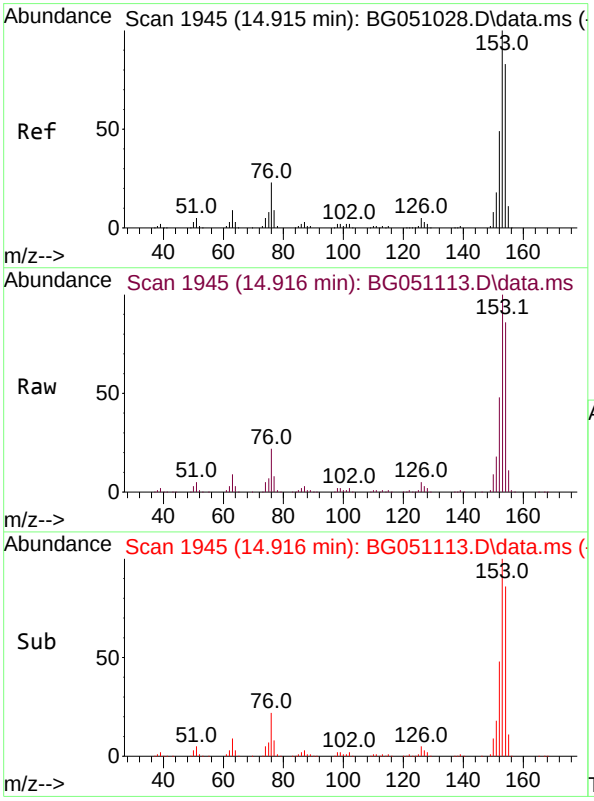
#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 14.851 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:165 Resp: 13882

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.5	63.4	95.0#

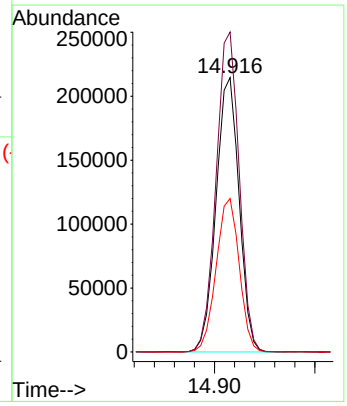


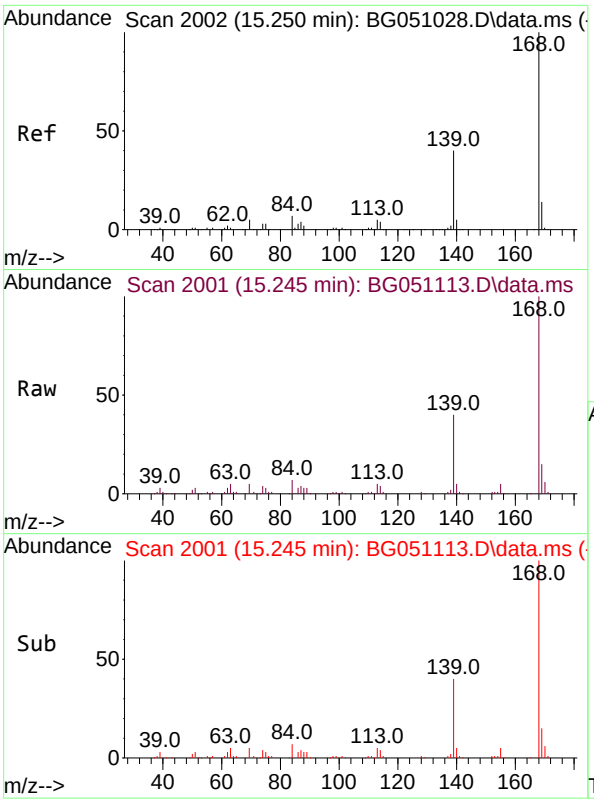


#52
Acenaphthene
Concen: 64.377 ng
RT: 14.916 min Scan# 1945
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:154 Resp: 341887

Ion	Ratio	Lower	Upper
154	100		
153	116.6	87.0	130.4
152	55.9	40.1	60.1



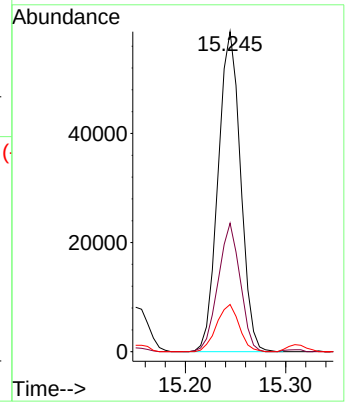


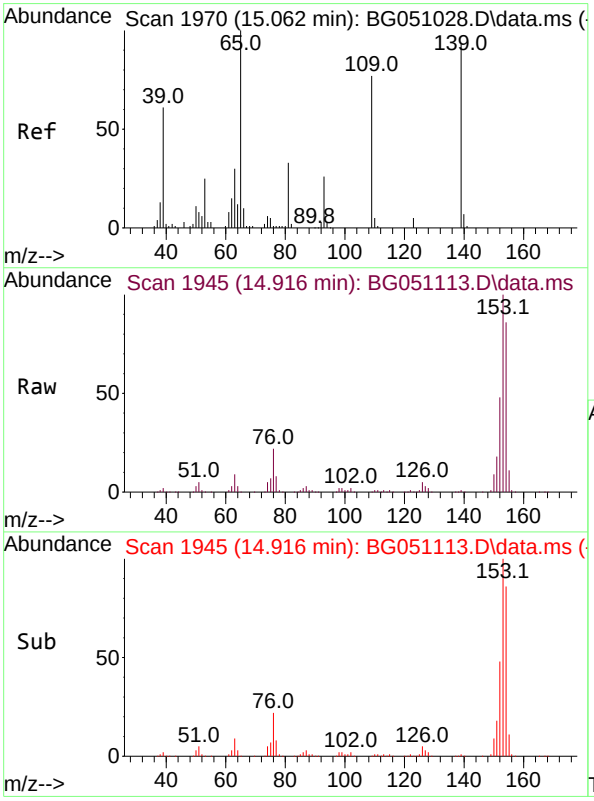
#55
Dibenzofuran
Concen: 10.069 ng
RT: 15.245 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:168 Resp: 90948

Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.4	50.2
169	14.7	12.3	18.5

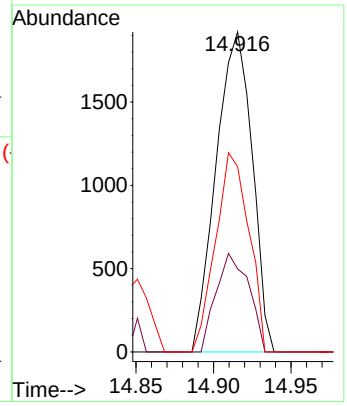


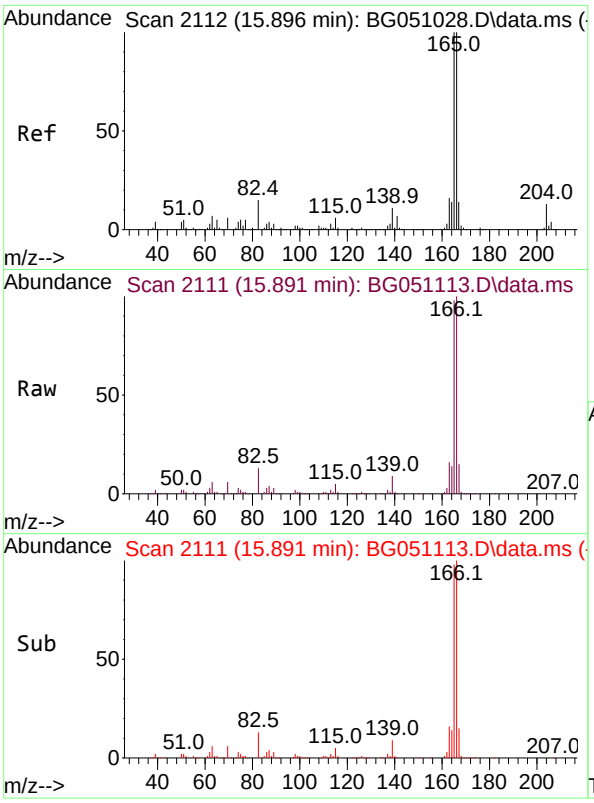


#56
4-Nitrophenol
Concen: 2.179 ng
RT: 14.916 min Scan# 1945
Delta R.T. -0.146 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:139 Resp: 3105

Ion	Ratio	Lower	Upper
139	100		
109	25.9	116.3	156.3#
65	57.9	105.0	145.0#



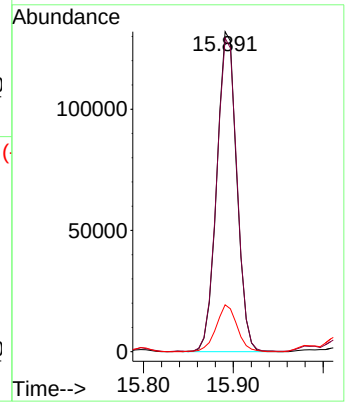


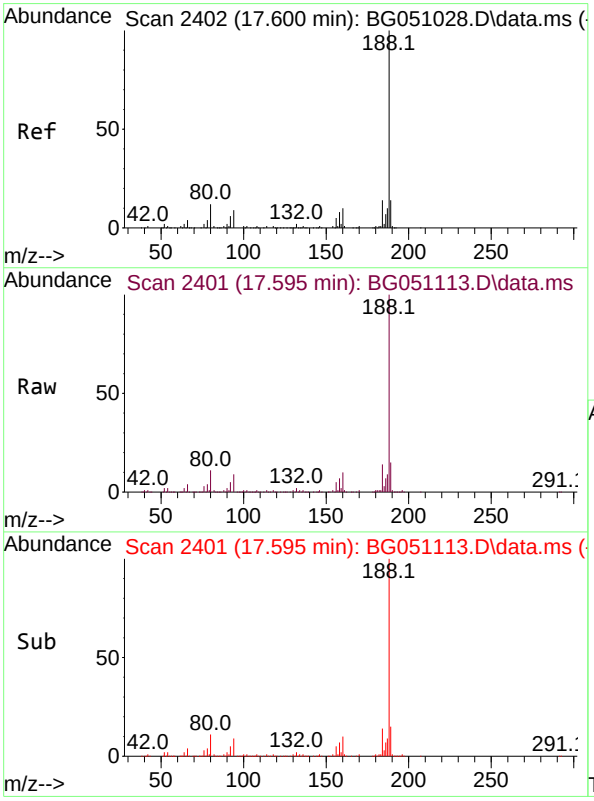
#58
Fluorene
Concen: 28.866 ng
RT: 15.891 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:166 Resp: 203532

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	14.6	10.8	16.2

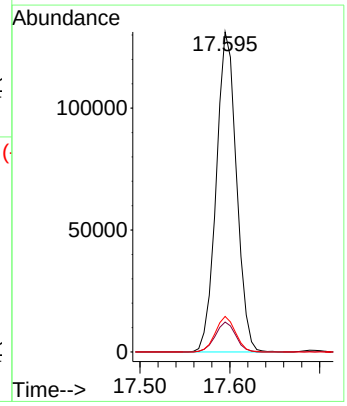


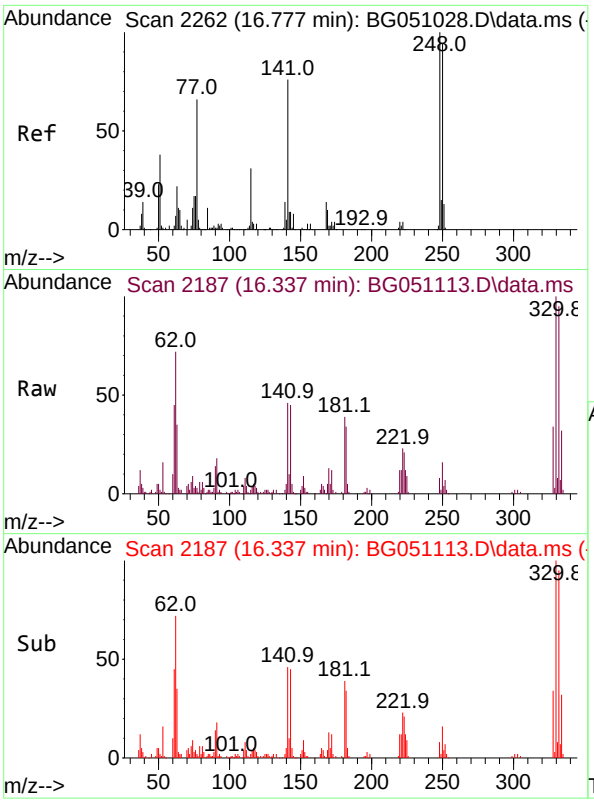


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:188 Resp: 204949

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	11.1	3.7	5.5#



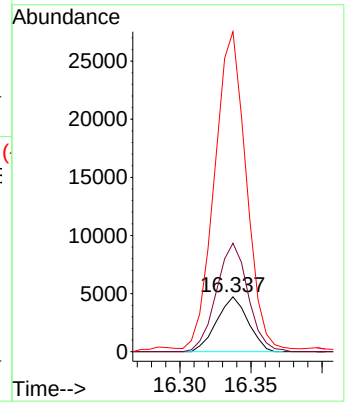


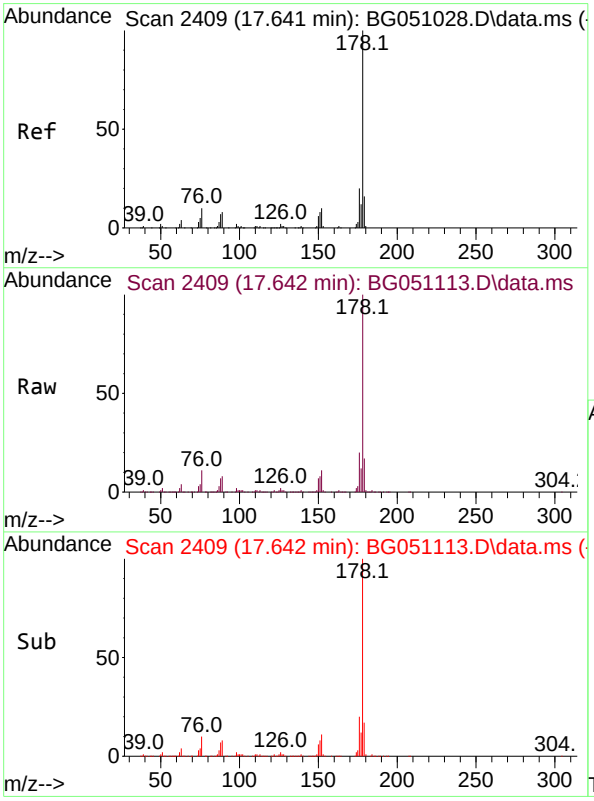
#67
4-Bromophenyl-phenylether
Concen: 3.351 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:248 Resp: 7193

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.1	114.1#
141	583.6	65.4	98.2#

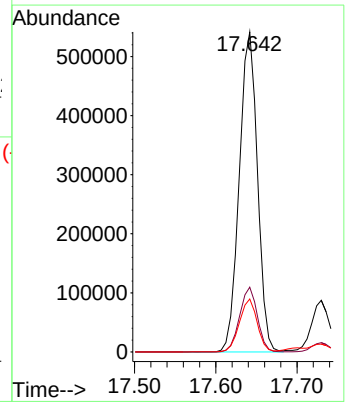


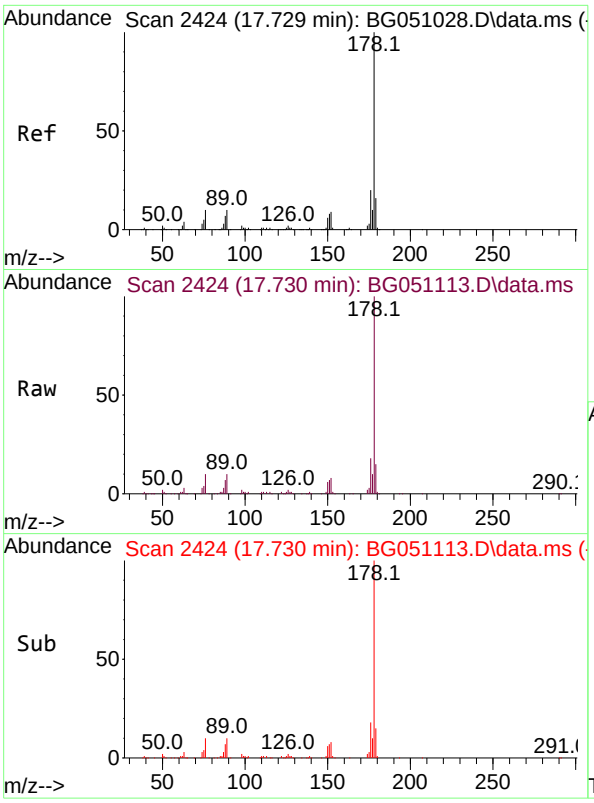


#71
Phenanthrene
Concen: 76.843 ng
RT: 17.642 min Scan# 2409
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:178 Resp: 840051

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.6	14.2	21.4



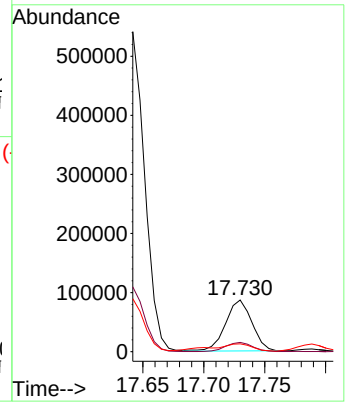


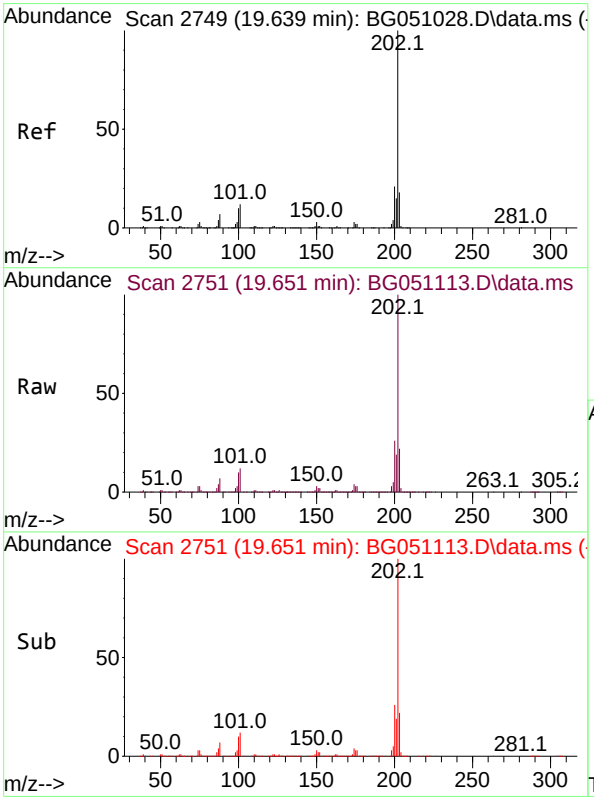
#72
Anthracene
Concen: 11.983 ng
RT: 17.730 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:178 Resp: 130290

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	13.4	20.0

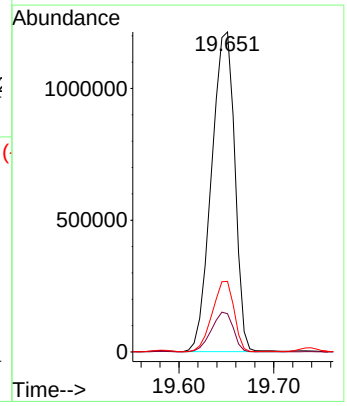


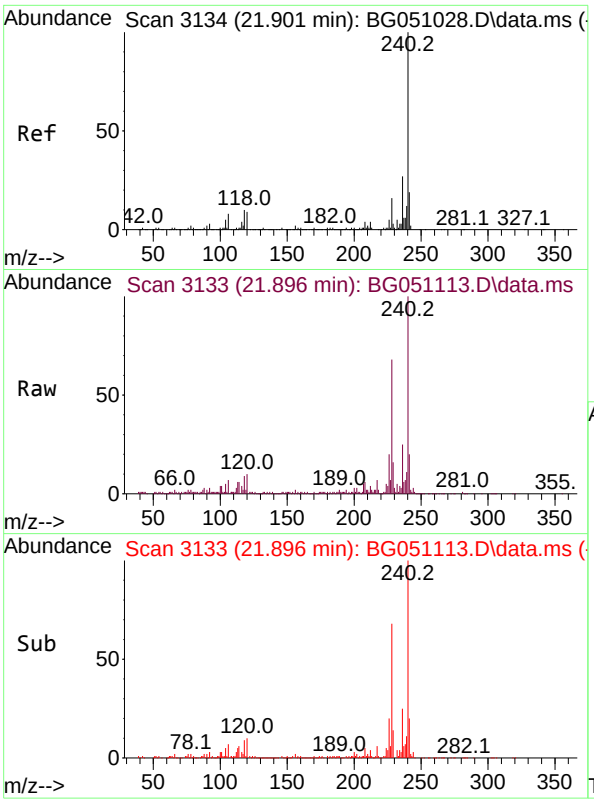


#75
Fluoranthene
Concen: 154.192 ng
RT: 19.651 min Scan# 2751
Delta R.T. 0.012 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:202 Resp: 2068031

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	24.7
203	22.0	0.0	38.5



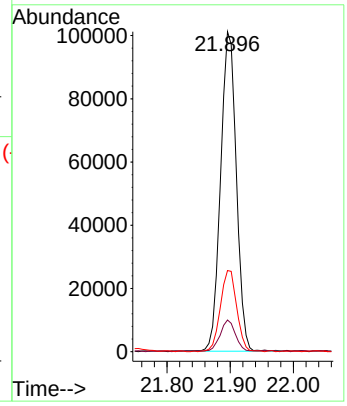


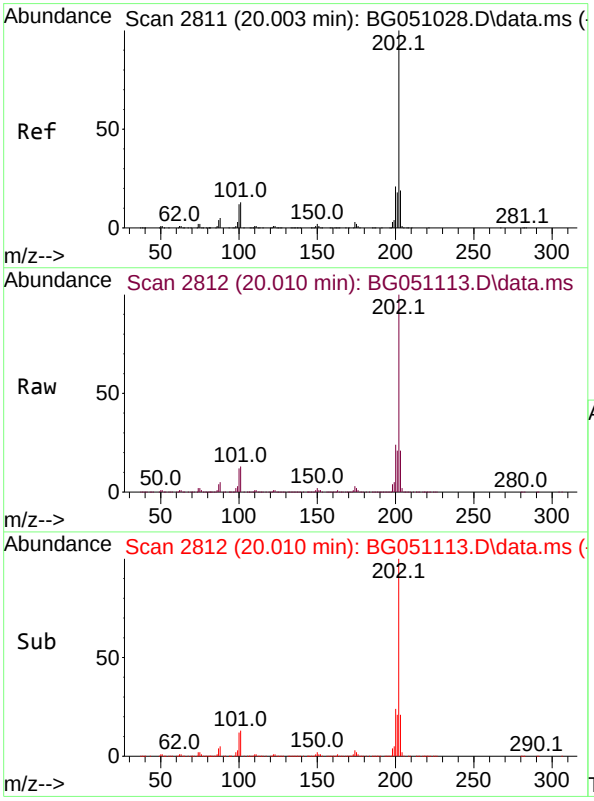
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:240 Resp: 174668

Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.2	6.2#
236	25.3	21.8	32.6

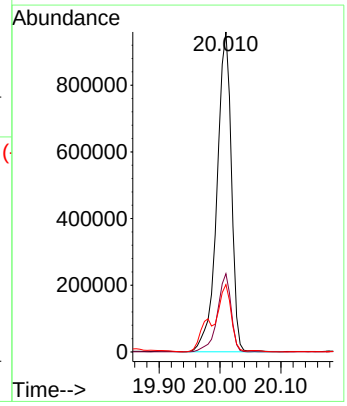


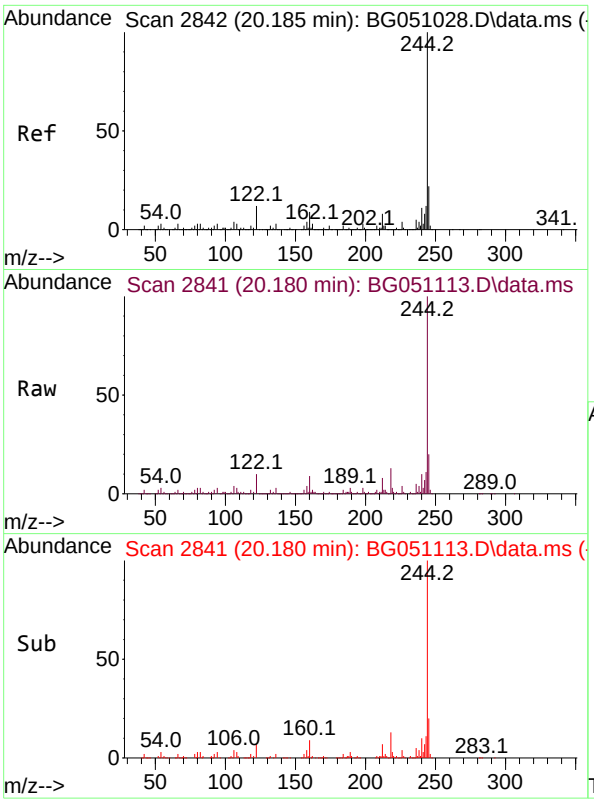


#78
Pyrene
Concen: 120.576 ng
RT: 20.010 min Scan# 2812
Delta R.T. 0.007 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:202 Resp: 1579977

Ion	Ratio	Lower	Upper
202	100		
200	24.4	15.8	23.8#
203	21.1	14.6	21.8



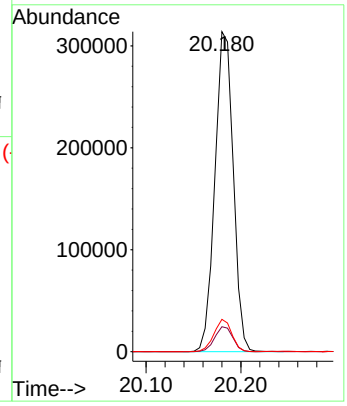


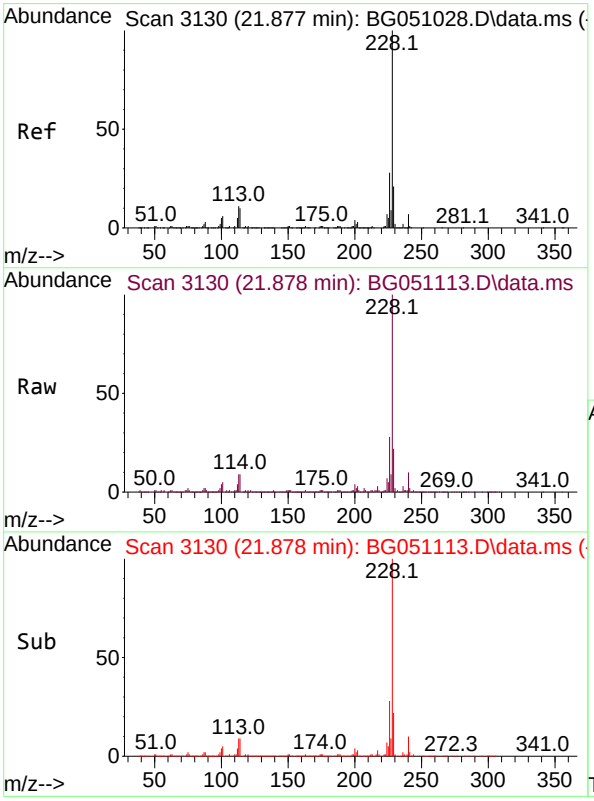
#79
Terphenyl-d14
Concen: 45.987 ng
RT: 20.180 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:244 Resp: 421797

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	10.1	5.0	7.6#

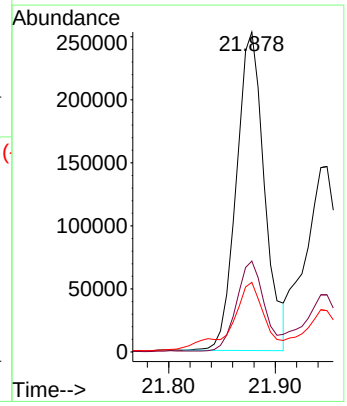


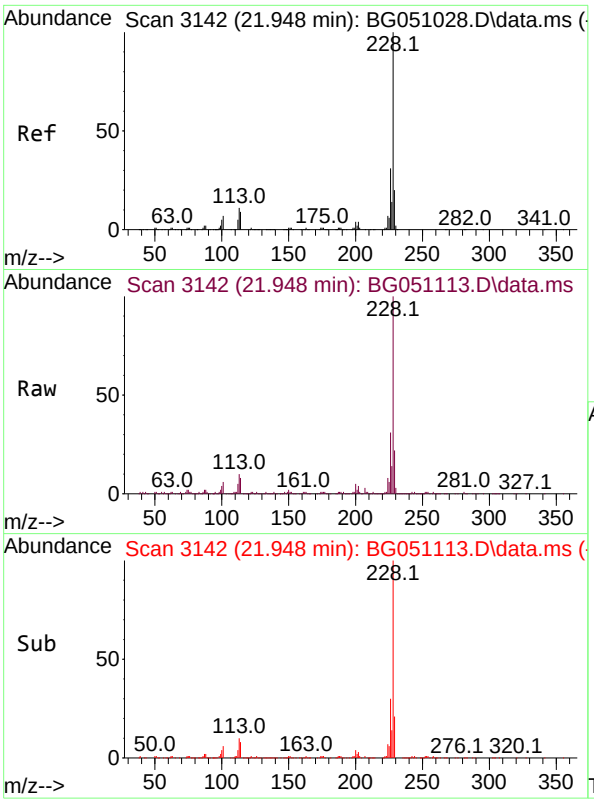


#81
Benzo(a)anthracene
Concen: 38.583 ng
RT: 21.878 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:228 Resp: 462752

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	21.8	16.0	24.0



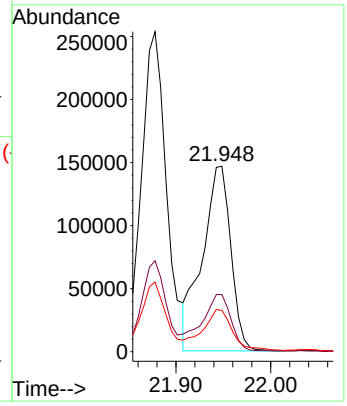


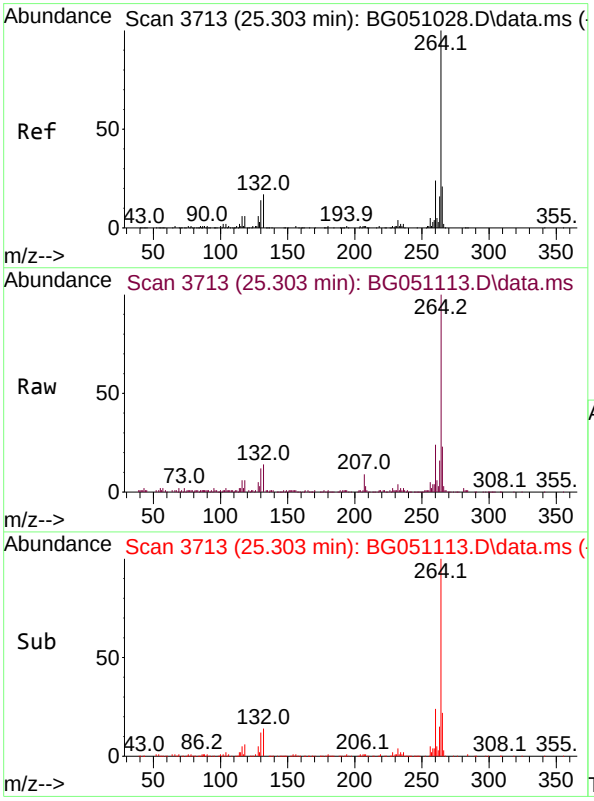
#83
Chrysene
Concen: 27.167 ng
RT: 21.948 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:228 Resp: 307368

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.1	34.7
229	22.3	15.3	22.9

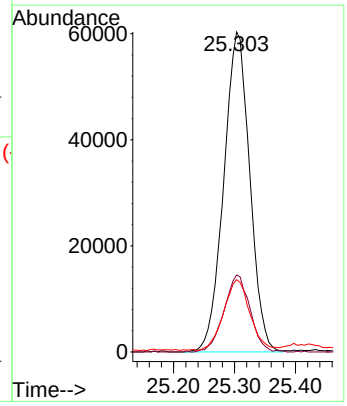


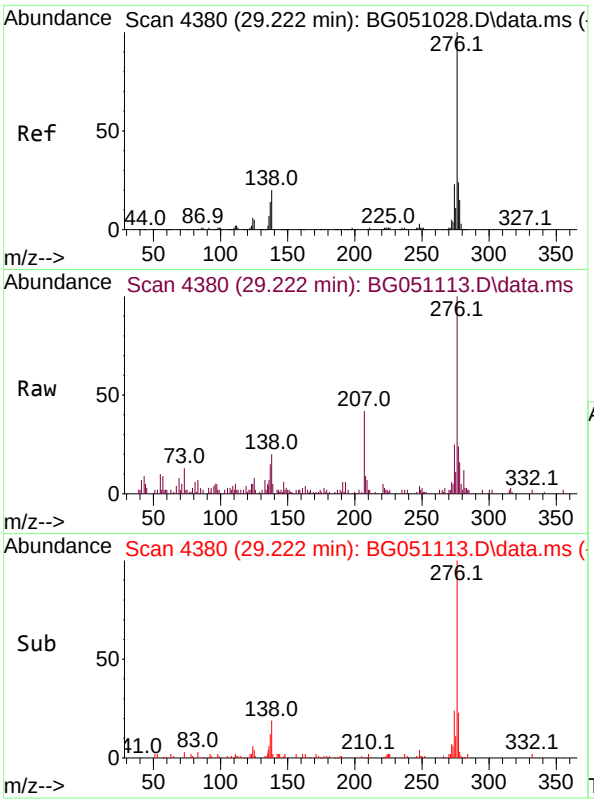


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.303 min Scan# 3713
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:264 Resp: 179274

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.6	16.9	25.3



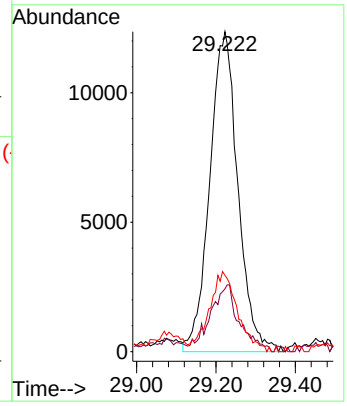


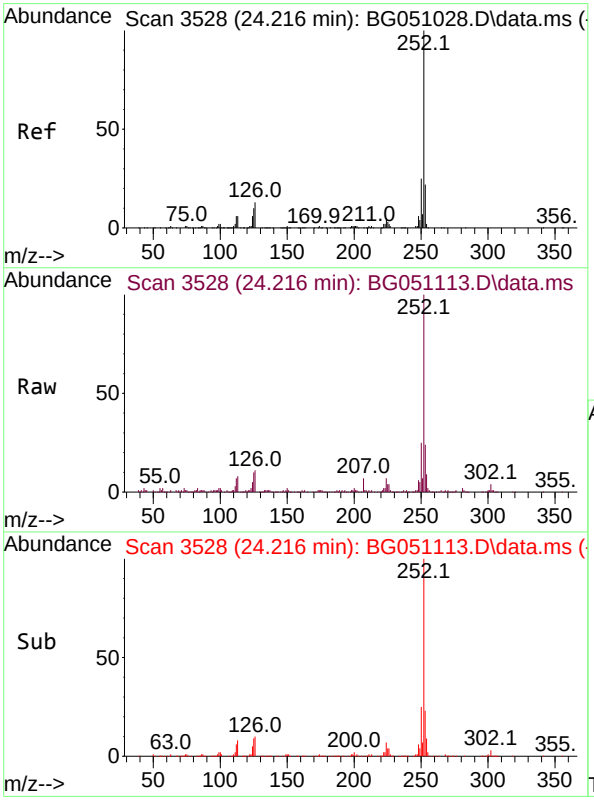
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.787 ng
RT: 29.222 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:276 Resp: 60913

Ion	Ratio	Lower	Upper
276	100		
138	21.7	5.1	7.7#
277	25.4	19.8	29.6

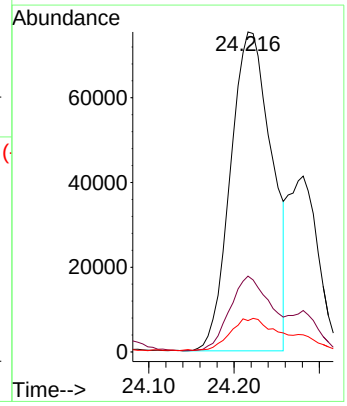


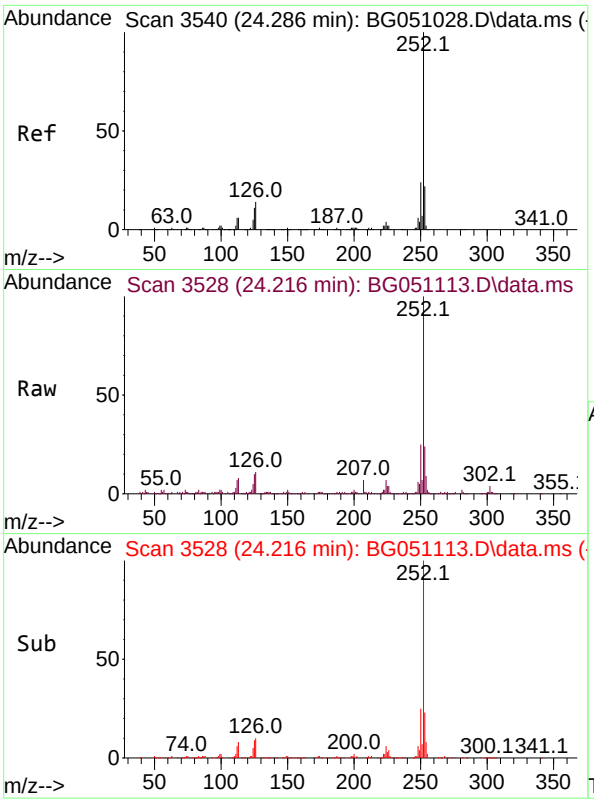


#88
Benzo(b)fluoranthene
Concen: 22.440 ng
RT: 24.216 min Scan# 3528
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:252 Resp: 253230

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.2	24.4
125	9.8	3.0	4.4#



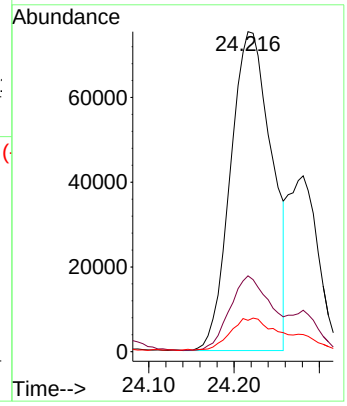


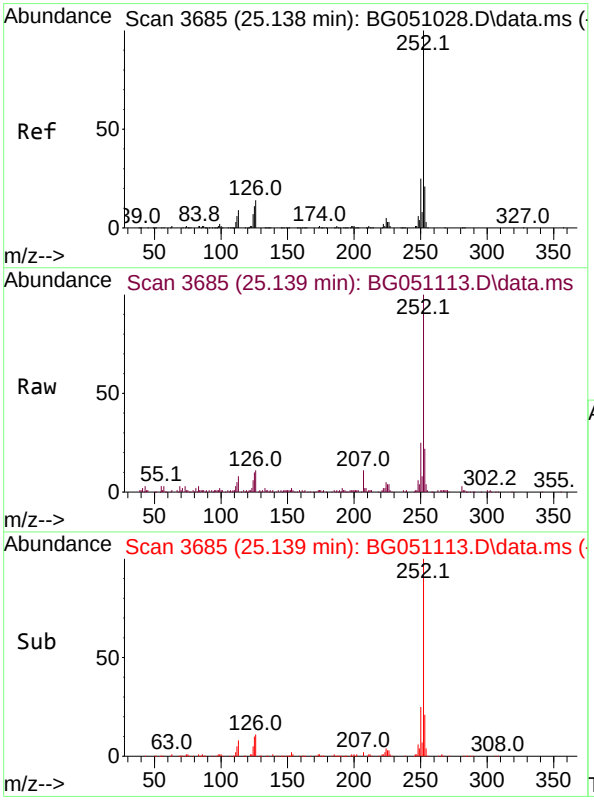
#89
Benzo(k)fluoranthene
Concen: 22.500 ng
RT: 24.216 min Scan# 3
Delta R.T. -0.070 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:252 Resp: 253230

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	9.8	3.1	4.7#

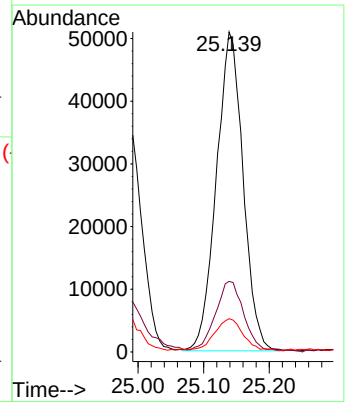


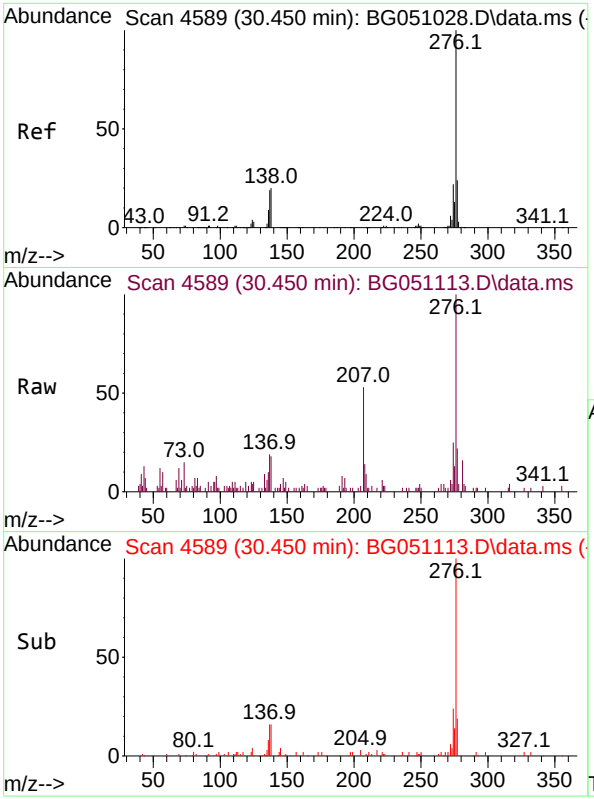


#90
Benzo(a)pyrene
Concen: 14.879 ng
RT: 25.139 min Scan# 3685
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Tgt Ion:252 Resp: 143348

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	25.0
125	10.4	3.5	5.3#





#92
Benzo(g,h,i)perylene
Concen: 5.046 ng
RT: 30.450 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG051113.D
Acq: 18 Nov 2021 20:14

Instrument :
BNA_G
ClientSampleId :
289

Tgt Ion:276 Resp: 52026

Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.4	27.6
138	17.8	7.0	10.6#