Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051077.D
Acq On : 16 Nov 2021 21:59
Operator : CG/JU
Sample : M4625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Quant Time: Nov 17 00:43:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.225	152	40465	20.000	ng		0.00
21) Naphthalene-d8	11.057	136	175352	20.000	ng	#	0.00
39) Acenaphthene-d10	14.852	164	115881	20.000	ng		0.00
64) Phenanthrene-d10	17.602	188	232660	20.000	ng	#	0.00
76) Chrysene-d12	21.903	240	190786	20.000	ng	#	0.00
86) Perylene-d12	25.328	264	183941	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.763	112	215343	79.608	ng		0.00
7) Phenol-d6	7.373	99	293493	76.870	ng		0.00
23) Nitrobenzene-d5	9.400	82	207368	52.349	ng		0.00
42) 2,4,6-Tribromophenol	16.344	330	96797	83.471	ng		0.00
45) 2-Fluorobiphenyl	13.477	172	424106	57.827	ng		0.00
79) Terphenyl-d14	20.187	244	562567	53.954	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.400	70	28631	10.147	ng	#	68
49) Acenaphthylene	14.582	152	58935	5.492	ng		95
51) 2,6-Dinitrotoluene	14.852	165	15478	8.248	ng	#	11
57) 2,4-Dinitrotoluene	14.852	165	15478	5.813	ng	#	16
67) 4-Bromophenyl-phenylether	16.344	248	7257	2.978	ng	#	1
71) Phenanthrene	17.643	178	48808	3.933	ng		95
75) Fluoranthene	19.647	202	148783	9.772	ng		95
78) Pyrene	20.005	202	261451	18.267	ng		99
81) Benzo(a)anthracene	21.885	228	153345	11.705	ng		96
83) Chrysene	21.956	228	165121	13.361	ng		95
87) Indeno(1,2,3-cd)pyrene	29.271	276	166409	12.746	ng	#	92
88) Benzo(b)fluoranthene	24.235	252	383693	33.139	ng	#	93
89) Benzo(k)fluoranthene	24.235	252	383693	33.227	ng	#	97
90) Benzo(a)pyrene	25.164	252	284062	28.737	ng	#	93
91) Dibenzo(a,h)anthracene	29.312	278	39986	3.720	ng	#	76
92) Benzo(g,h,i)perylene	30.504	276	145101	13.717	ng	#	87

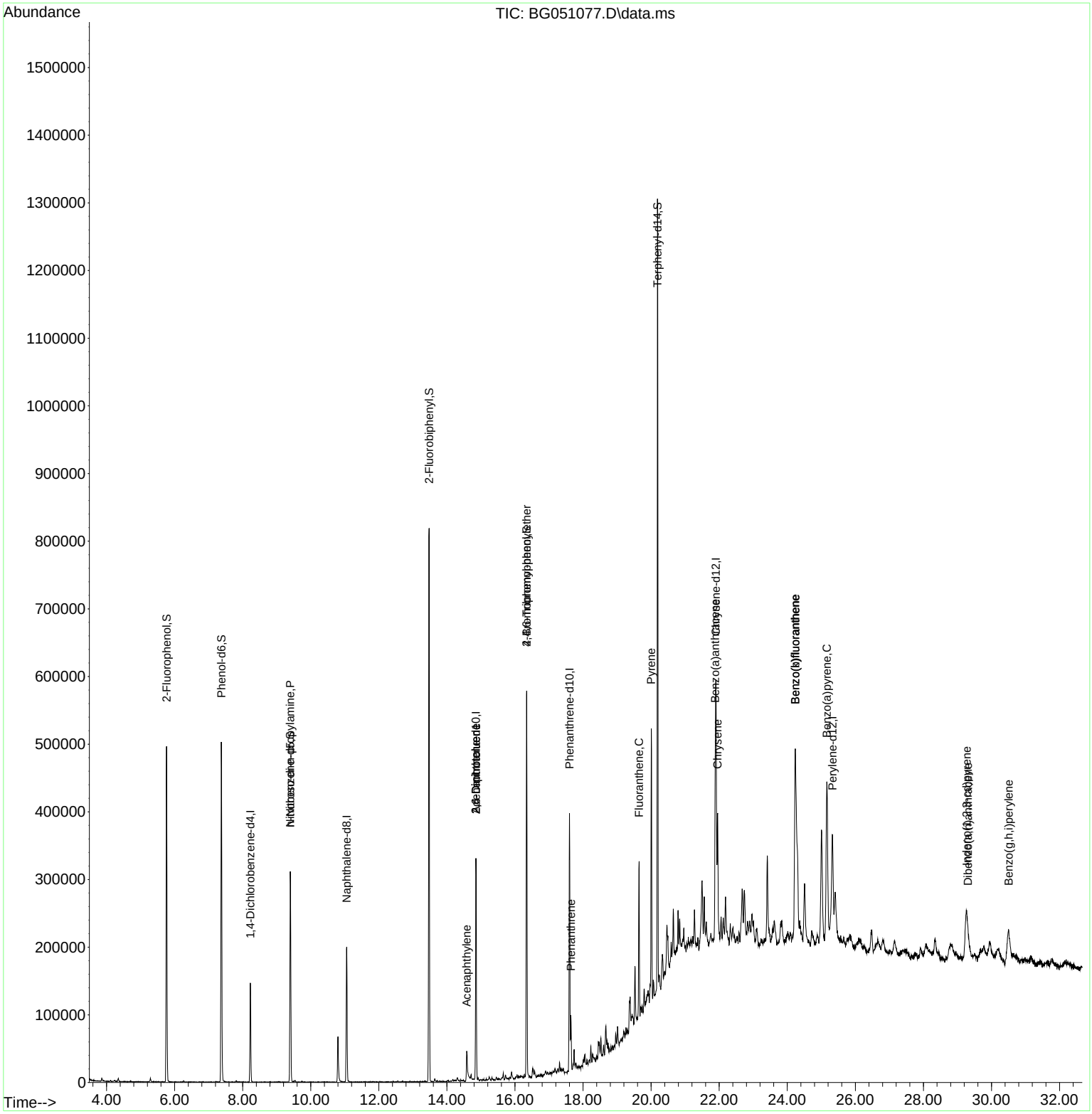
(#) = qualifier out of range (m) = manual integration (+) = signals summed

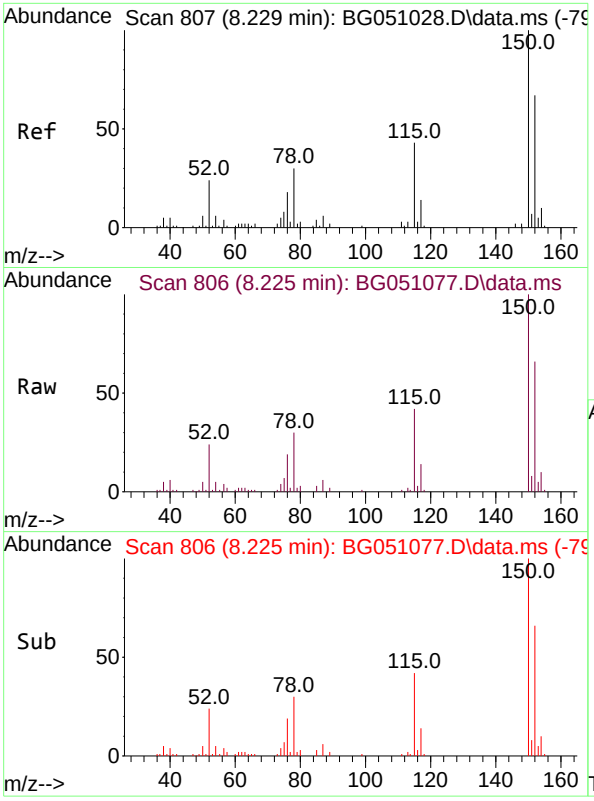
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051077.D
Acq On : 16 Nov 2021 21:59
Operator : CG/JU
Sample : M4625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Quant Time: Nov 17 00:43:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration



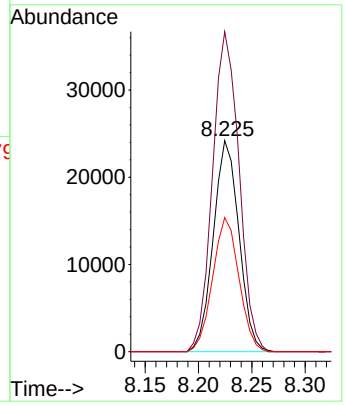


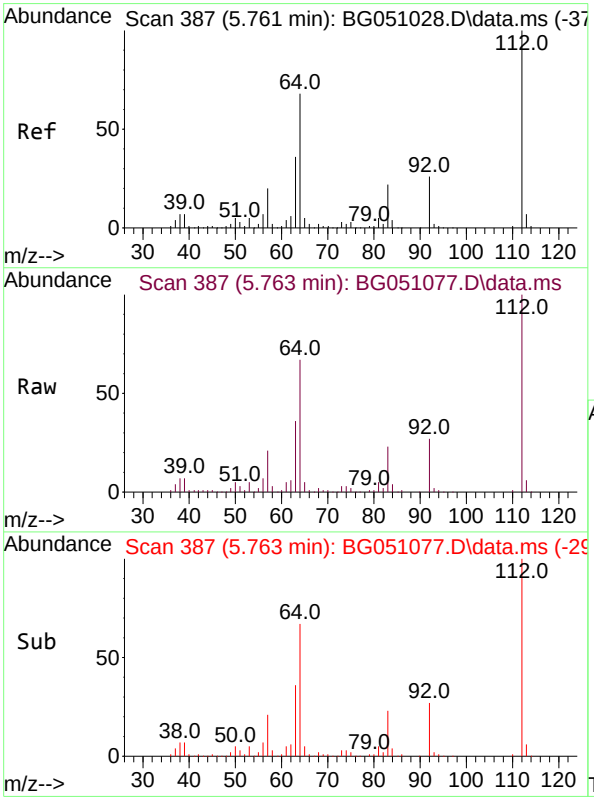
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:152 Resp: 40465

Ion	Ratio	Lower	Upper
152	100		
150	151.6	119.4	179.0
115	63.5	60.2	90.4

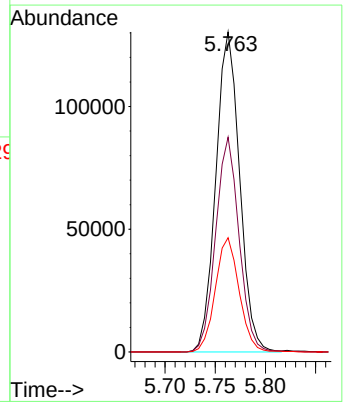


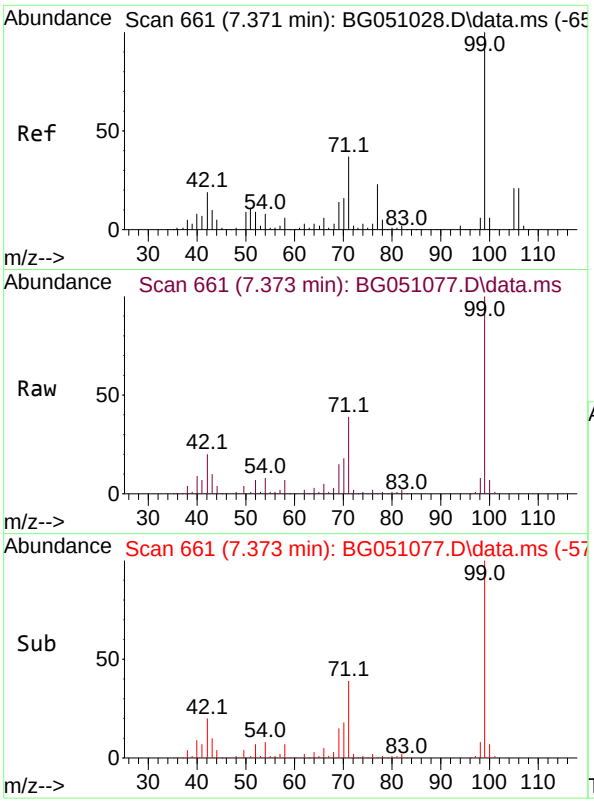


#5
2-Fluorophenol
Concen: 79.608 ng
RT: 5.763 min Scan# 387
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:112 Resp: 215343

Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.7	70.1
63	35.7	35.3	52.9



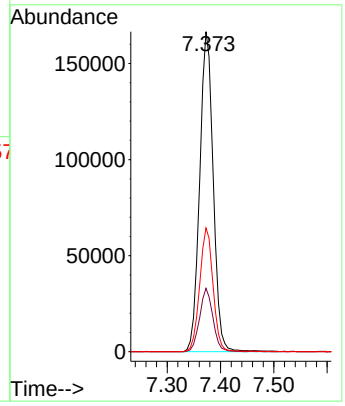


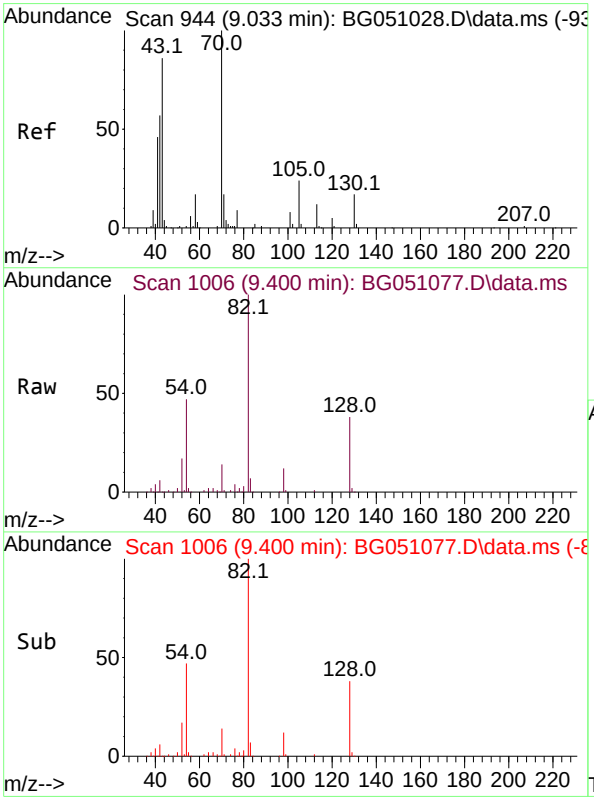
#7
Phenol-d6
Concen: 76.870 ng
RT: 7.373 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion: 99 Resp: 293493

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.5	30.7#
71	38.6	41.5	62.3#

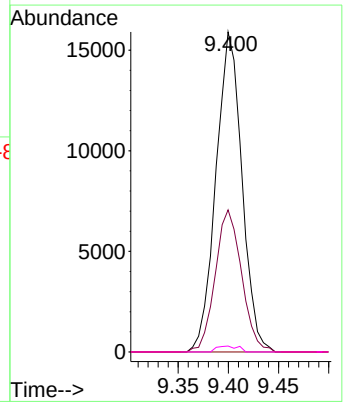


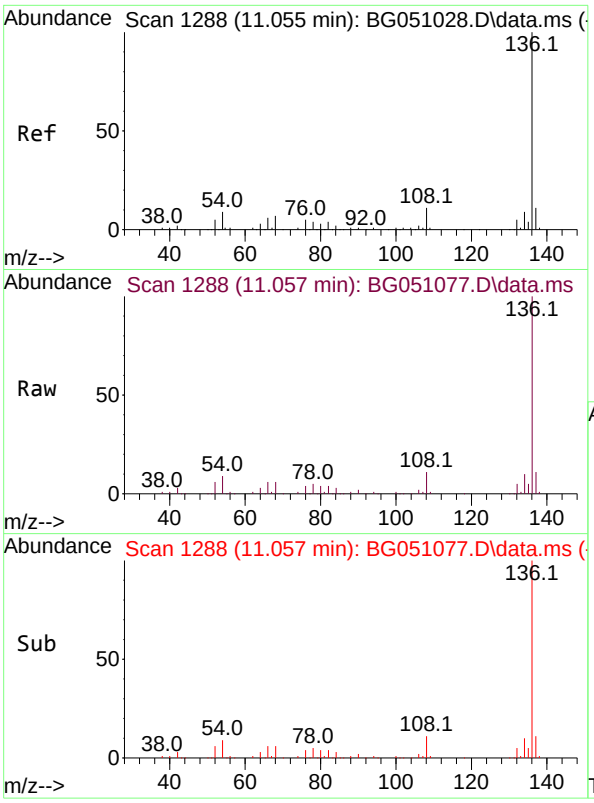


#19
n-Nitroso-di-n-propylamine
Concen: 10.147 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.366 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion: 70 Resp: 28631

Ion	Ratio	Lower	Upper
70	100		
42	44.4	54.5	81.7#
101	0.0	9.0	13.6#
130	1.9	17.0	25.6#



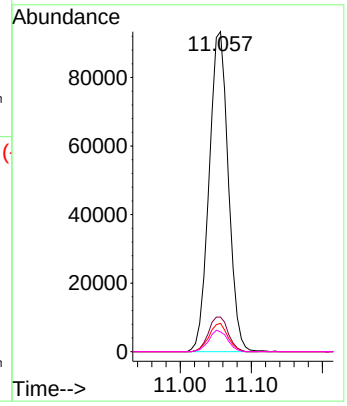


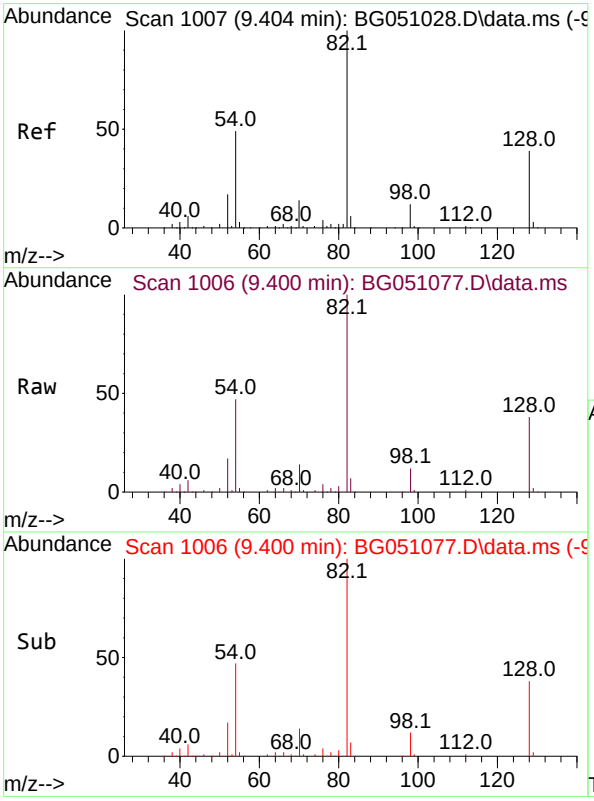
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:136 Resp: 175352

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	8.9	5.5	8.3#
68	6.2	2.3	3.5#

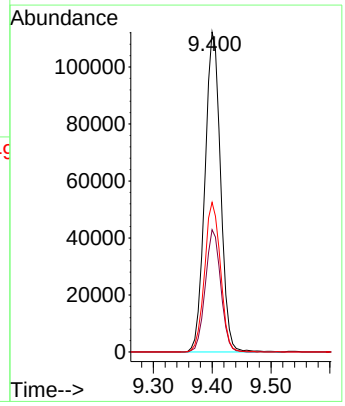


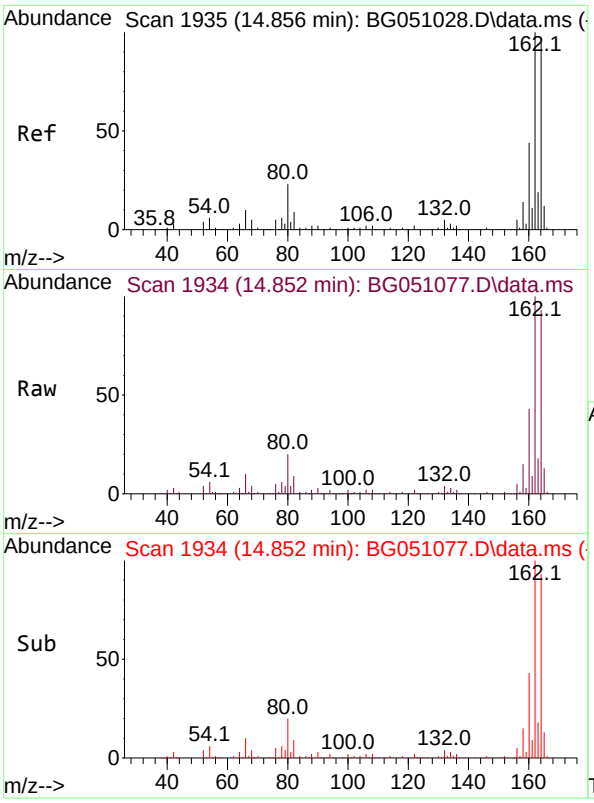


#23
Nitrobenzene-d5
Concen: 52.349 ng
RT: 9.400 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion: 82 Resp: 207368

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.8	44.6
54	46.7	45.8	68.8



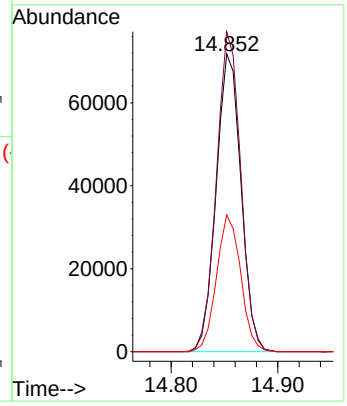


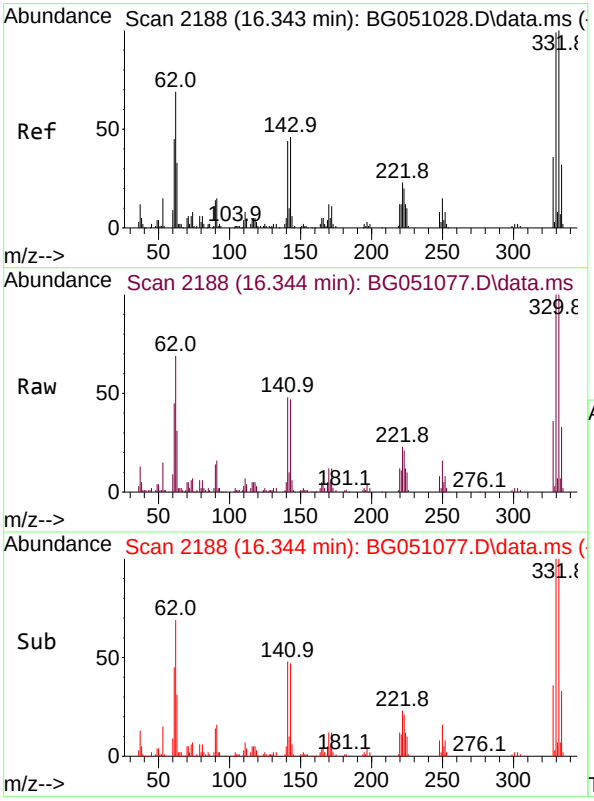
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.852 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:164 Resp: 115881

Ion	Ratio	Lower	Upper
164	100		
162	107.4	81.4	122.0
160	45.9	34.9	52.3

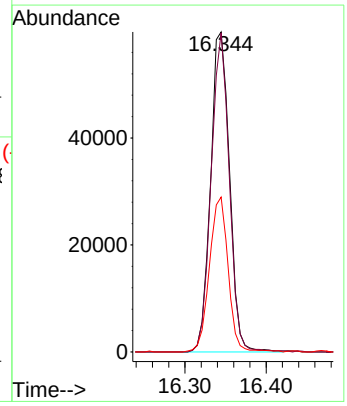


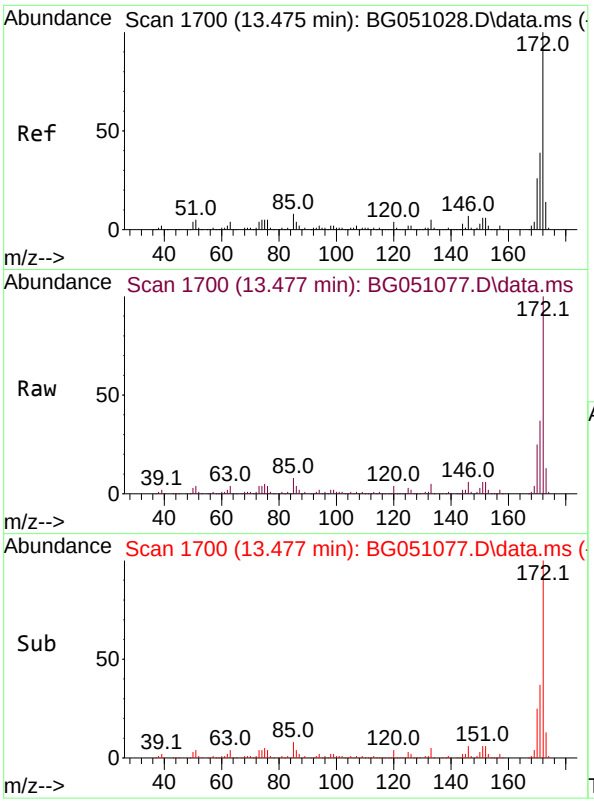


#42
2,4,6-Tribromophenol
Concen: 83.471 ng
RT: 16.344 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:330 Resp: 96797

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	47.9	35.6	53.4



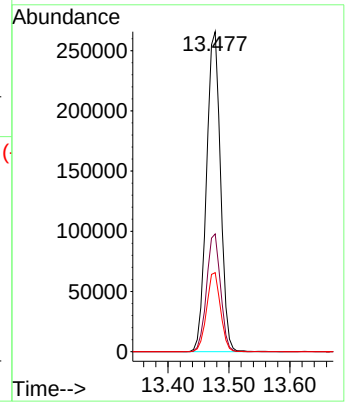


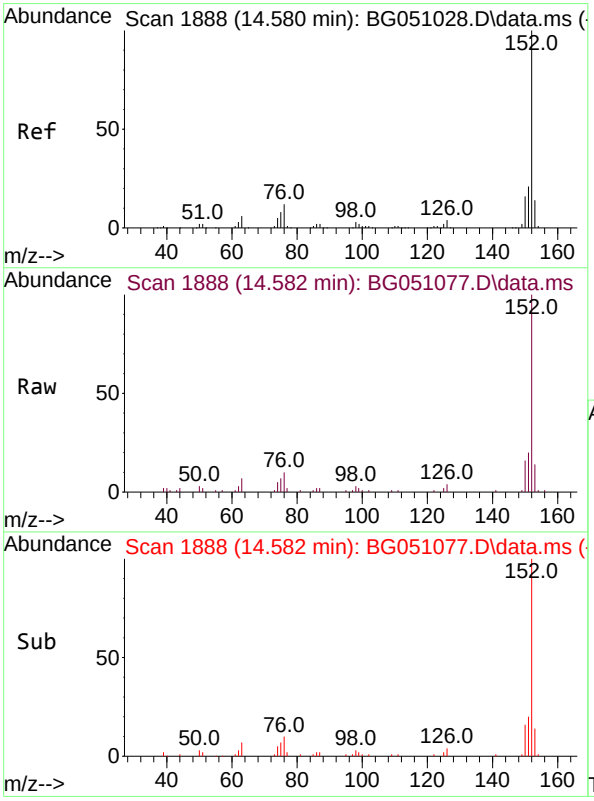
#45
2-Fluorobiphenyl
Concen: 57.827 ng
RT: 13.477 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:172 Resp: 424106

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.7	18.6	27.8

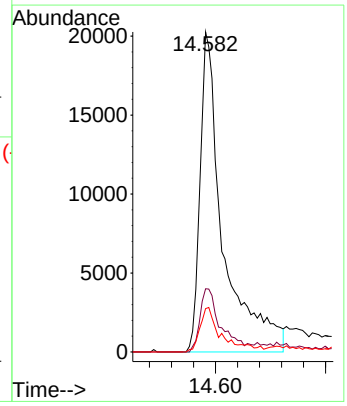


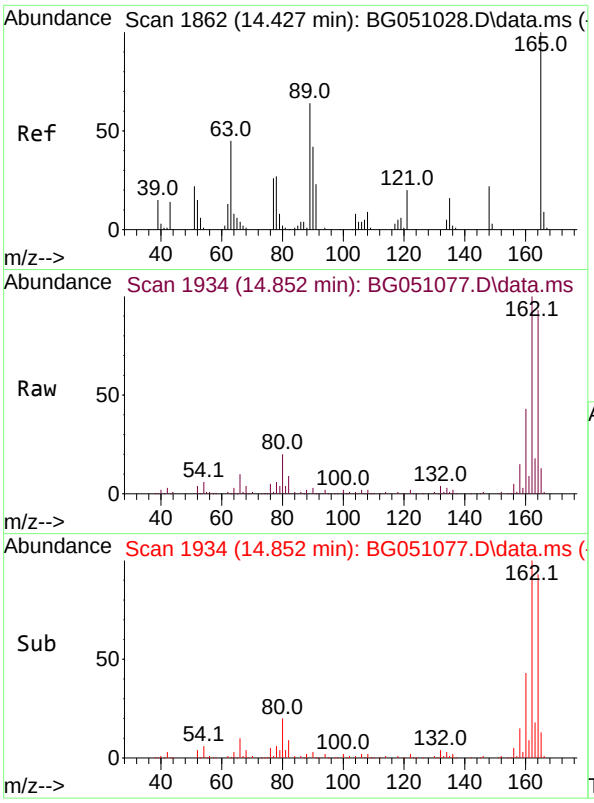


#49
Acenaphthylene
Concen: 5.492 ng
RT: 14.582 min Scan# 1888
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:152 Resp: 58935

Ion	Ratio	Lower	Upper
152	100		
151	19.8	18.2	27.4
153	13.6	11.7	17.5



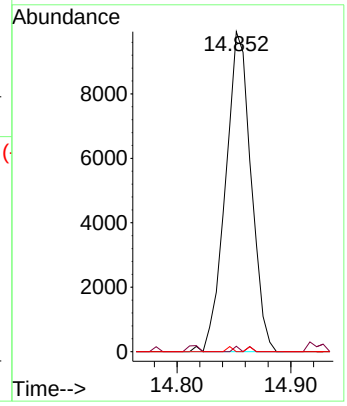


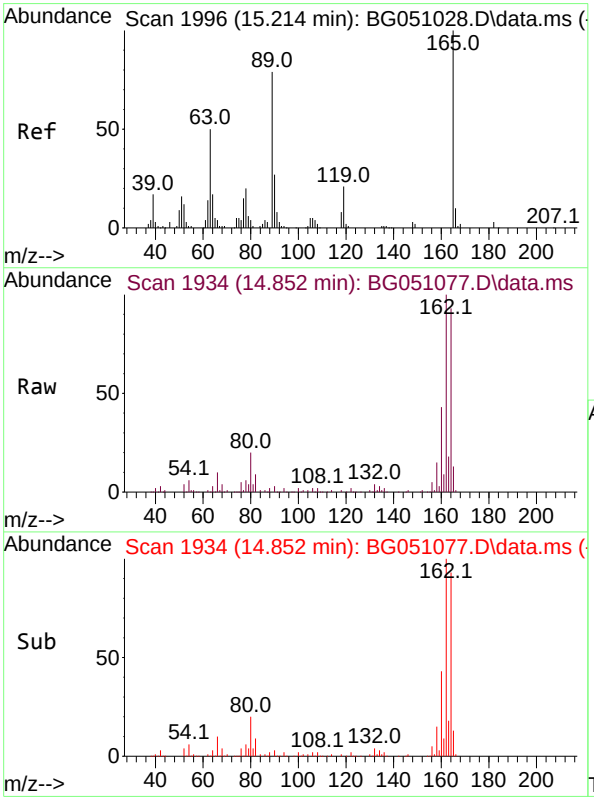
#51
2,6-Dinitrotoluene
Concen: 8.248 ng
RT: 14.852 min Scan# 1
Delta R.T. 0.425 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:165 Resp: 15478

Ion	Ratio	Lower	Upper
165	100		
63	1.7	63.3	94.9#
89	0.0	63.4	95.0#

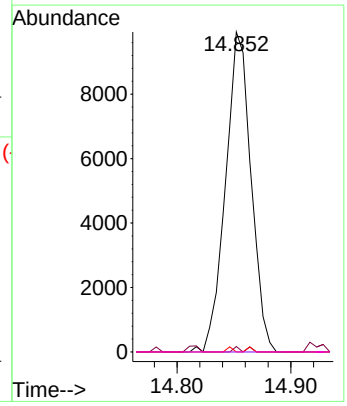


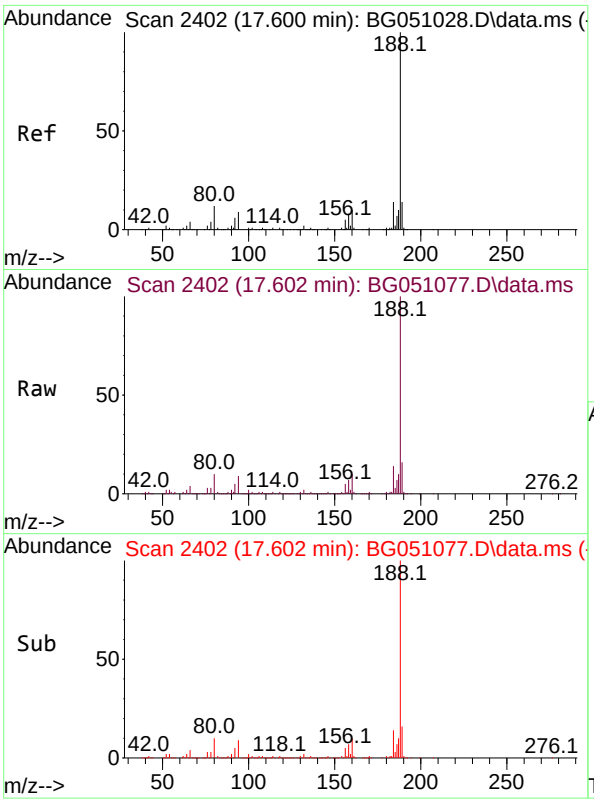


#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 14.852 min Scan# 1934
Delta R.T. -0.362 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:165 Resp: 15478

Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



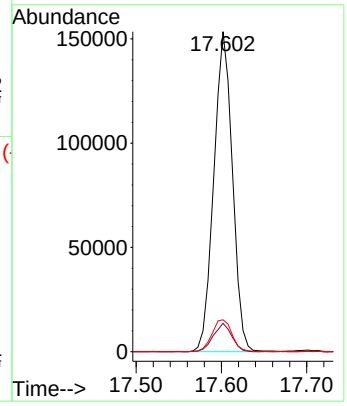


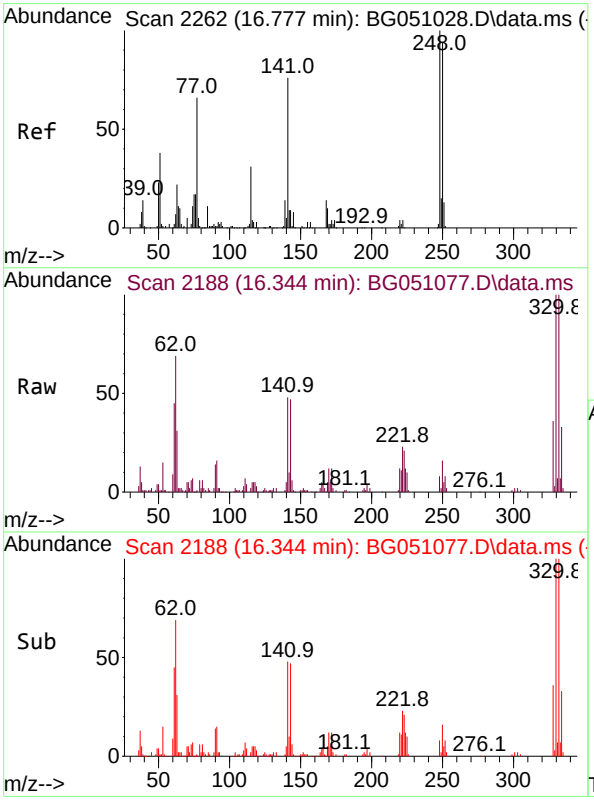
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.602 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:188 Resp: 232660

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.4	8.0#
80	9.9	3.7	5.5#

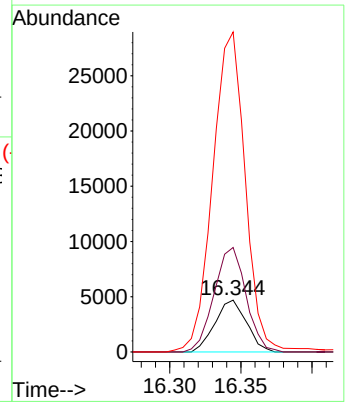


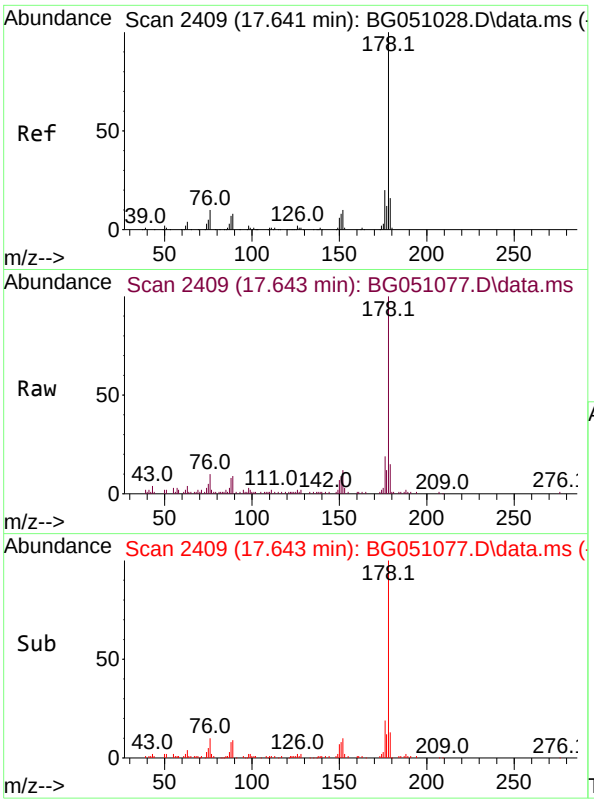


#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 16.344 min Scan# 2188
Delta R.T. -0.433 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:248 Resp: 7257

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.1	114.1#
141	616.7	65.4	98.2#



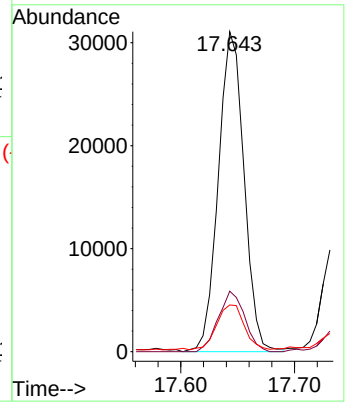


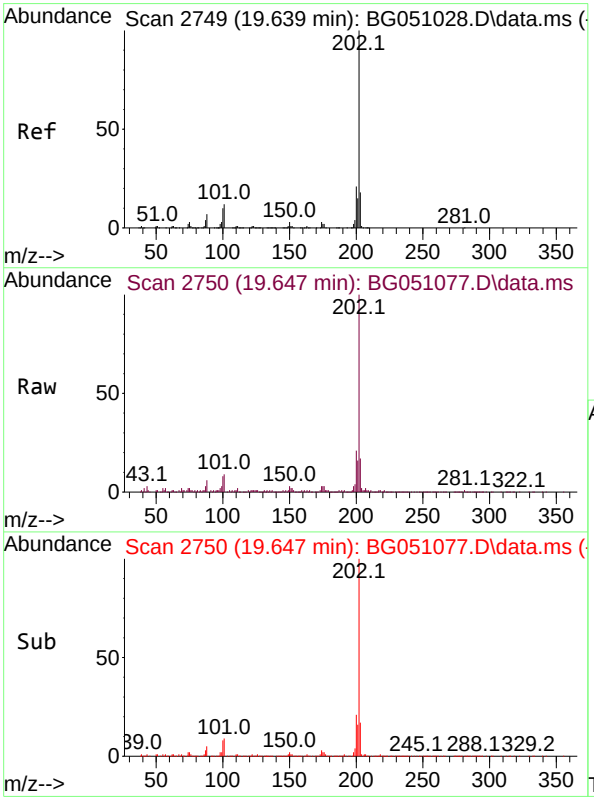
#71
Phenanthrene
Concen: 3.933 ng
RT: 17.643 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:178 Resp: 48808

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	14.6	14.2	21.4

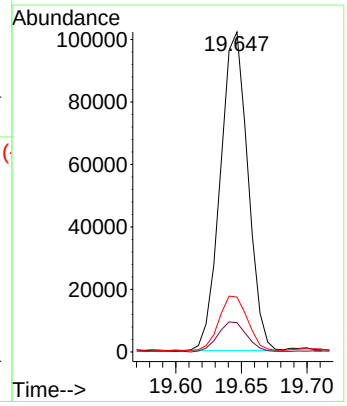


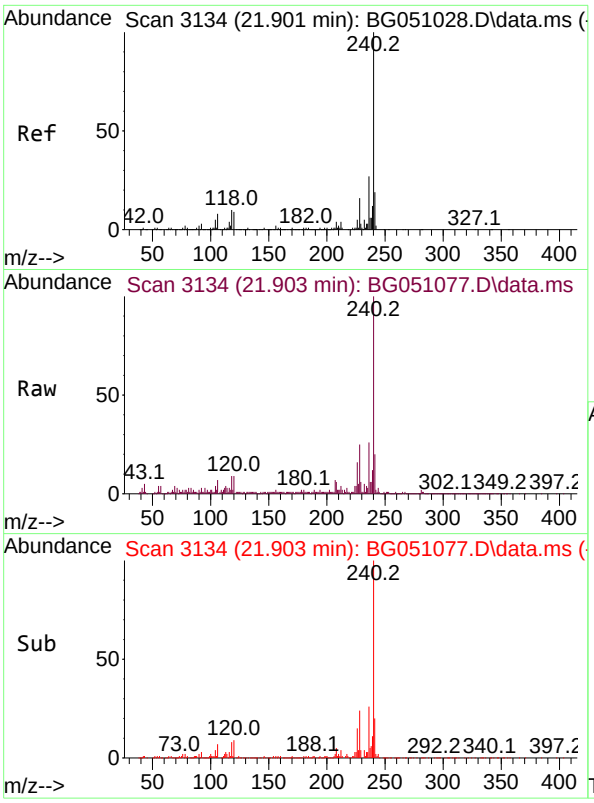


#75
Fluoranthene
Concen: 9.772 ng
RT: 19.647 min Scan# 2750
Delta R.T. 0.008 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:202 Resp: 148783

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	24.7
203	17.2	0.0	38.5



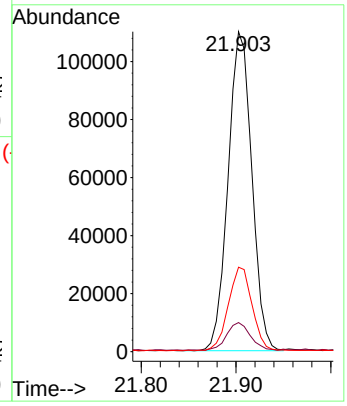


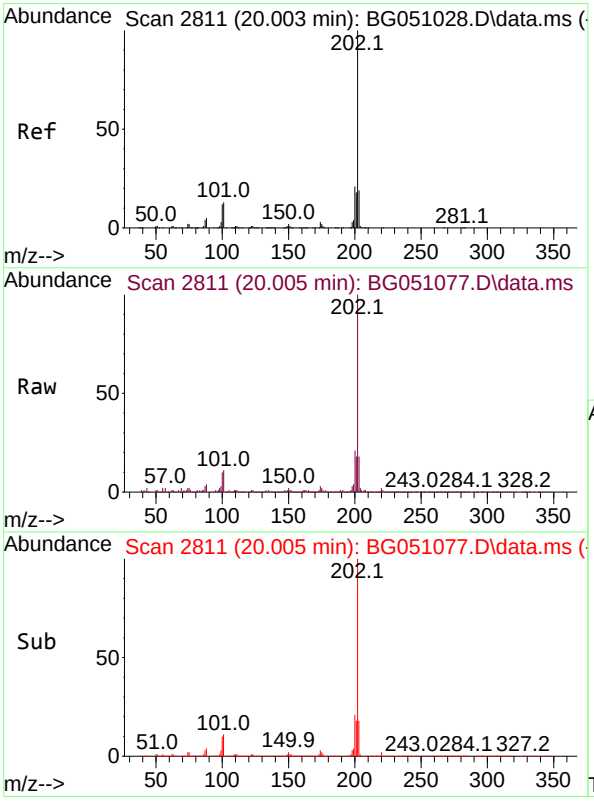
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.903 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:240 Resp: 190786

Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.2	6.2#
236	26.4	21.8	32.6

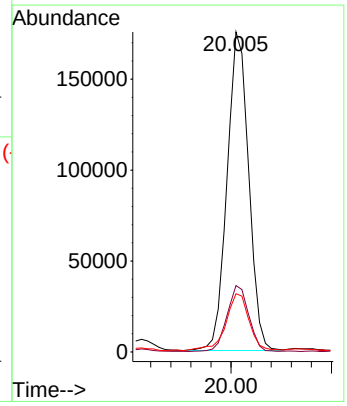


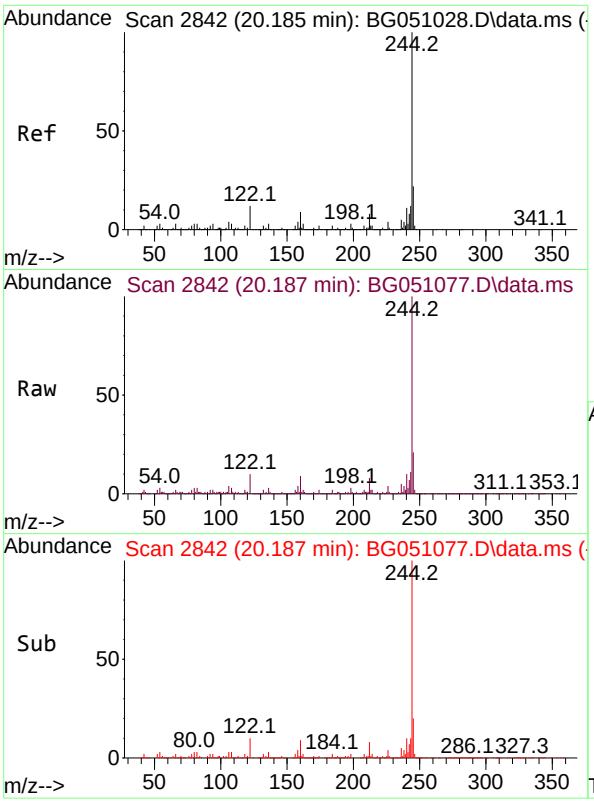


#78
Pyrene
Concen: 18.267 ng
RT: 20.005 min Scan# 2811
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:202 Resp: 261451

Ion	Ratio	Lower	Upper
202	100		
200	20.8	15.8	23.8
203	18.2	14.6	21.8



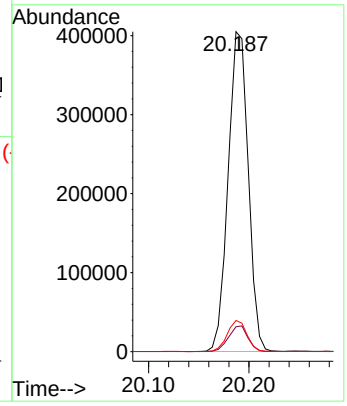


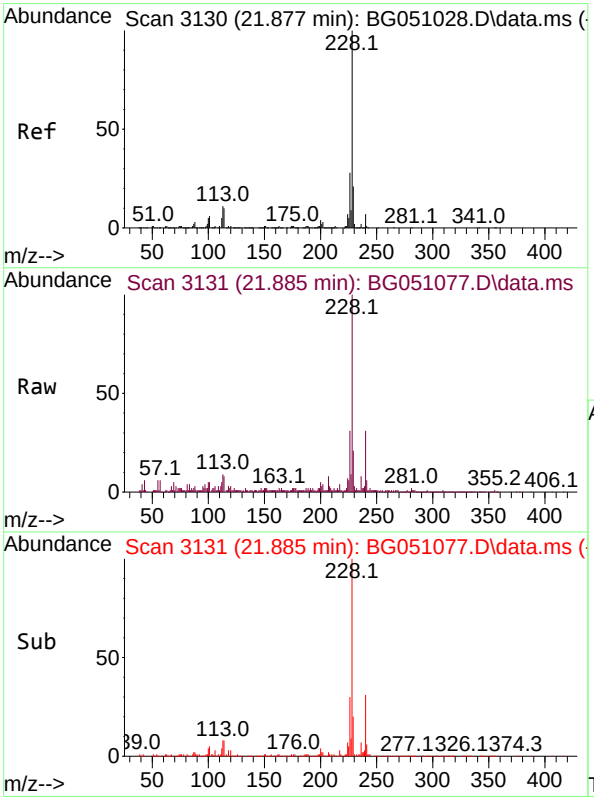
#79
Terphenyl-d14
Concen: 53.954 ng
RT: 20.187 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:244 Resp: 562567

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	9.8	5.0	7.6#

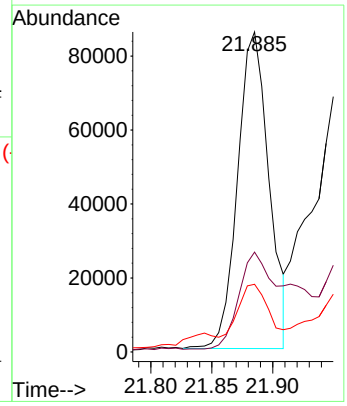


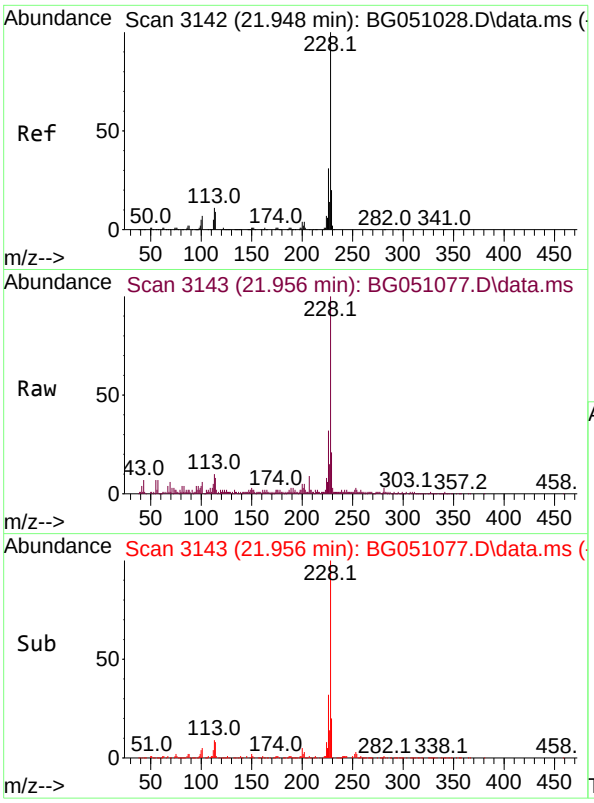


#81
Benzo(a)anthracene
Concen: 11.705 ng
RT: 21.885 min Scan# 3131
Delta R.T. 0.008 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:228 Resp: 153345

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.7	34.1
229	21.1	16.0	24.0



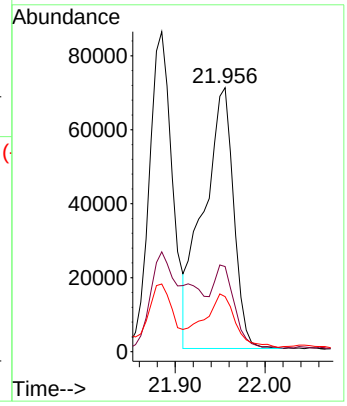


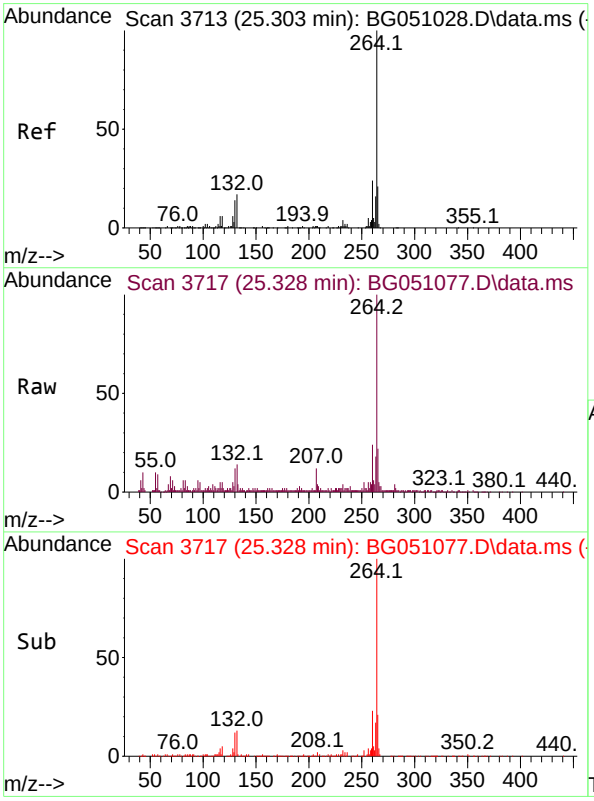
#83
Chrysene
Concen: 13.361 ng
RT: 21.956 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:228 Resp: 165121

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.1	34.7
229	20.8	15.3	22.9

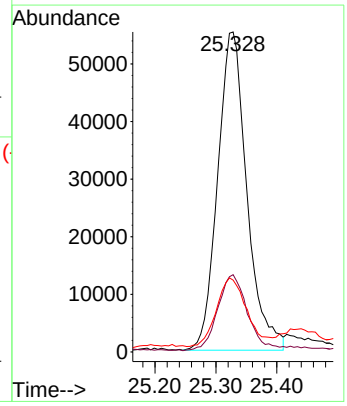


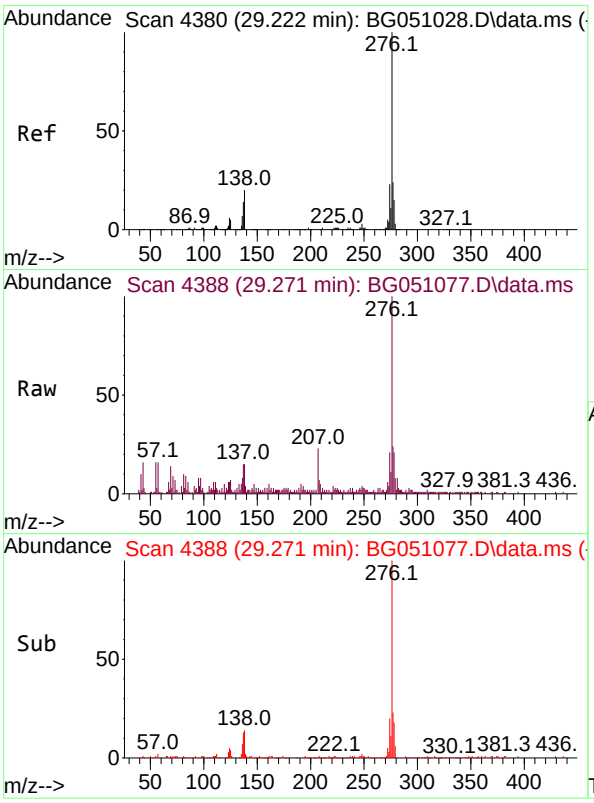


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.328 min Scan# 3717
Delta R.T. 0.025 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:264 Resp: 183941

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	16.9	25.3



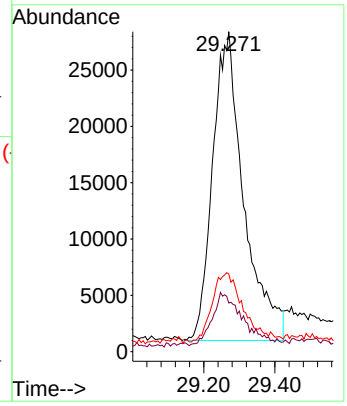


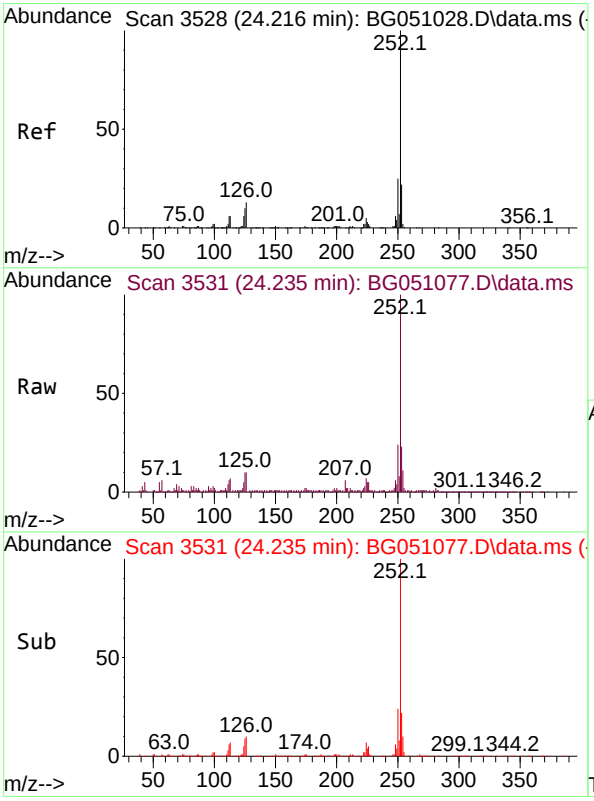
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.746 ng
RT: 29.271 min Scan# 4
Delta R.T. 0.049 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:276 Resp: 166409

Ion	Ratio	Lower	Upper
276	100		
138	0.0	5.1	7.7#
277	22.0	19.8	29.6

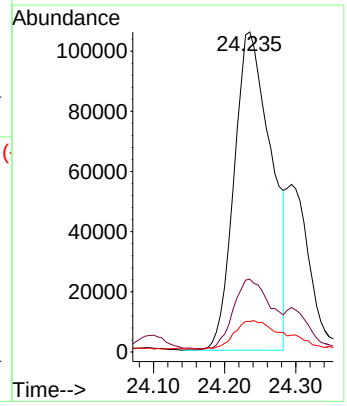


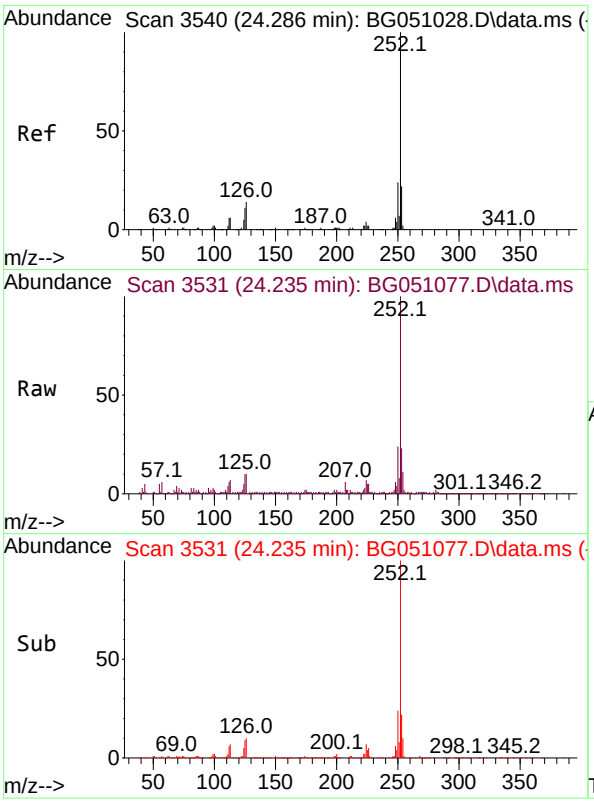


#88
Benzo(b)fluoranthene
Concen: 33.139 ng
RT: 24.235 min Scan# 3531
Delta R.T. 0.020 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:252 Resp: 383693

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.2	24.4
125	9.5	3.0	4.4#



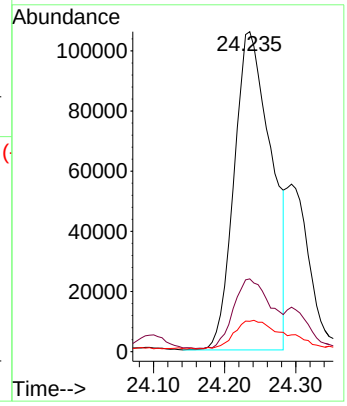


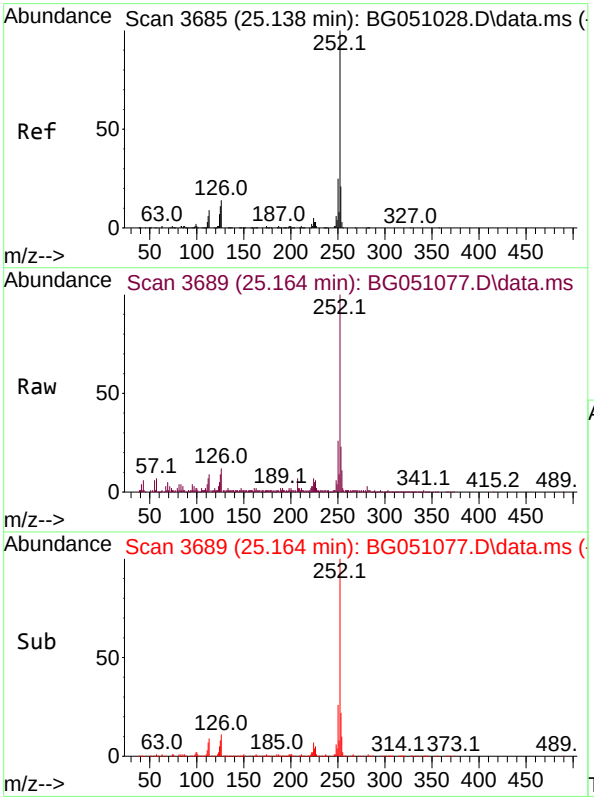
#89
Benzo(k)fluoranthene
Concen: 33.227 ng
RT: 24.235 min Scan# 3
Delta R.T. -0.051 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:252 Resp: 383693

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	9.5	3.1	4.7#

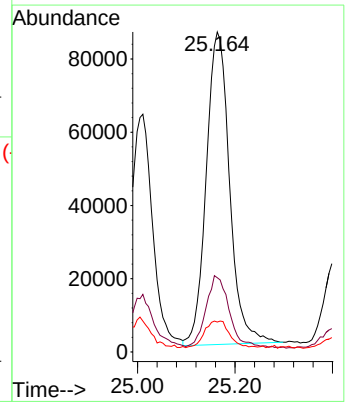


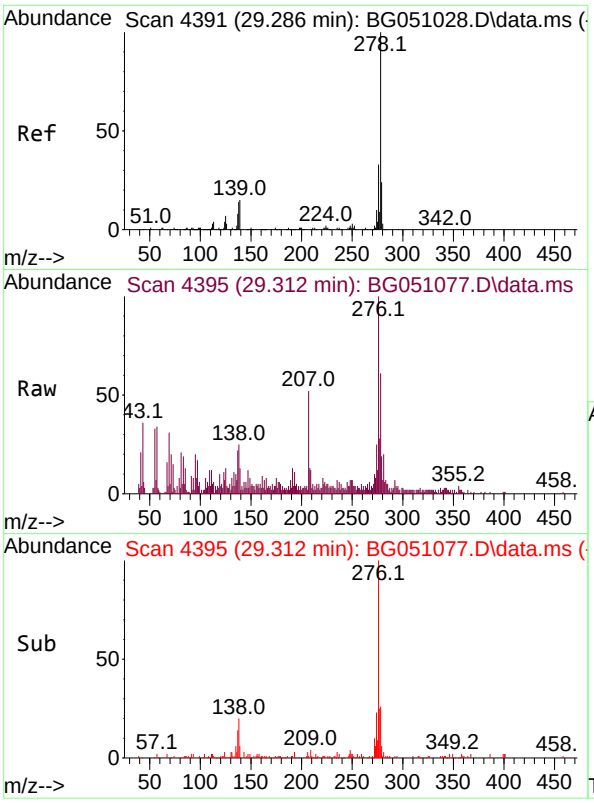


#90
Benzo(a)pyrene
Concen: 28.737 ng
RT: 25.164 min Scan# 3689
Delta R.T. 0.025 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:252 Resp: 284062

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	9.3	3.5	5.3#



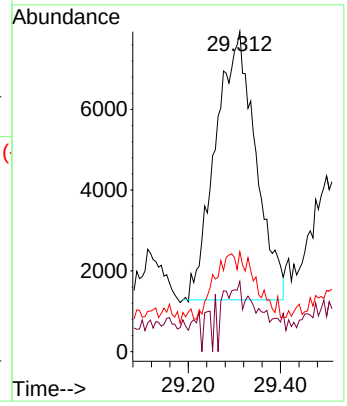


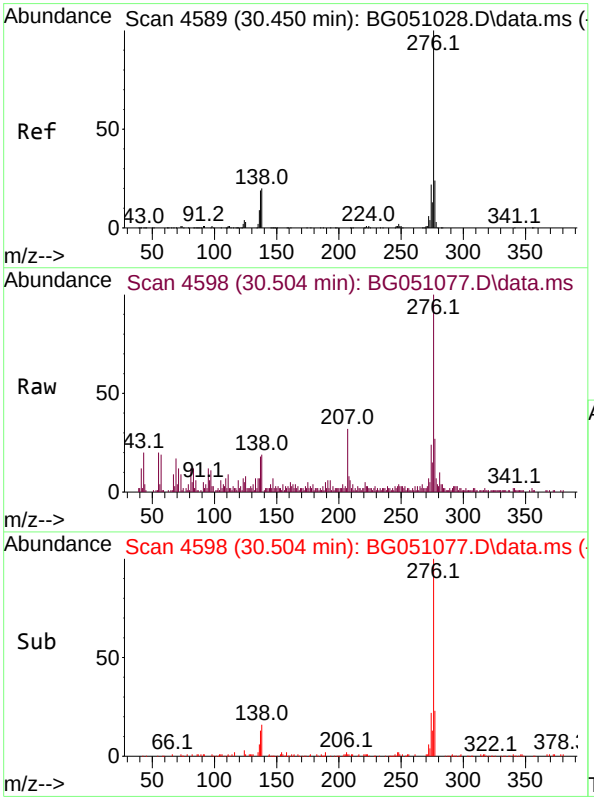
#91
Dibenzo(a,h)anthracene
Concen: 3.720 ng
RT: 29.312 min Scan# 4
Delta R.T. 0.025 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Instrument :
BNA_G
ClientSampleId :
SU-03-111021

Tgt Ion:278 Resp: 39986

Ion	Ratio	Lower	Upper
278	100		
139	21.9	4.6	6.8#
279	31.2	17.9	26.9#





#92
Benzo(g,h,i)perylene
Concen: 13.717 ng
RT: 30.504 min Scan# 4598
Delta R.T. 0.055 min
Lab File: BG051077.D
Acq: 16 Nov 2021 21:59

Tgt Ion:276 Resp: 145101

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.4	27.6
138	18.6	7.0	10.6#