Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052648.D
Acq On : 11 Mar 2022 15:40
Operator : CG/JU
Sample : N1864-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Quant Time: Mar 12 06:16:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	29332	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	118171	20.000	ng	0.00
39) Acenaphthene-d10	14.820	164	76831	20.000	ng	0.00
64) Phenanthrene-d10	17.569	188	175380	20.000	ng	0.00
76) Chrysene-d12	21.881	240	163401	20.000	ng	0.00
86) Perylene-d12	25.305	264	167905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	183888	108.303	ng	0.00
7) Phenol-d6	7.318	99	262221	106.707	ng	0.00
23) Nitrobenzene-d5	9.339	82	173067	66.391	ng	0.00
42) 2,4,6-Tribromophenol	16.312	330	120530	110.612	ng	0.00
45) 2-Fluorobiphenyl	13.439	172	390608	68.621	ng	0.00
79) Terphenyl-d14	20.171	244	635747	68.848	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.345	70	24386	14.664	ng	# 74
51) 2,6-Dinitrotoluene	14.820	165	10514	8.242	ng	# 24
57) 2,4-Dinitrotoluene	14.820	165	10514	5.856	ng	# 22
67) 4-Bromophenyl-phenylether	16.312	248	7364	3.392	ng	# 1
75) Fluoranthene	19.625	202	31665	2.756	ng	99
77) Benzidine	20.171	184	8820	2.602	ng	# 86
78) Pyrene	19.983	202	29831	2.731	ng	95
88) Benzo(b)fluoranthene	24.213	252	24601	2.373	ng	# 92
89) Benzo(k)fluoranthene	24.213	252	24601	2.360	ng	# 93
90) Benzo(a)pyrene	25.147	252	17955	2.047	ng	# 93

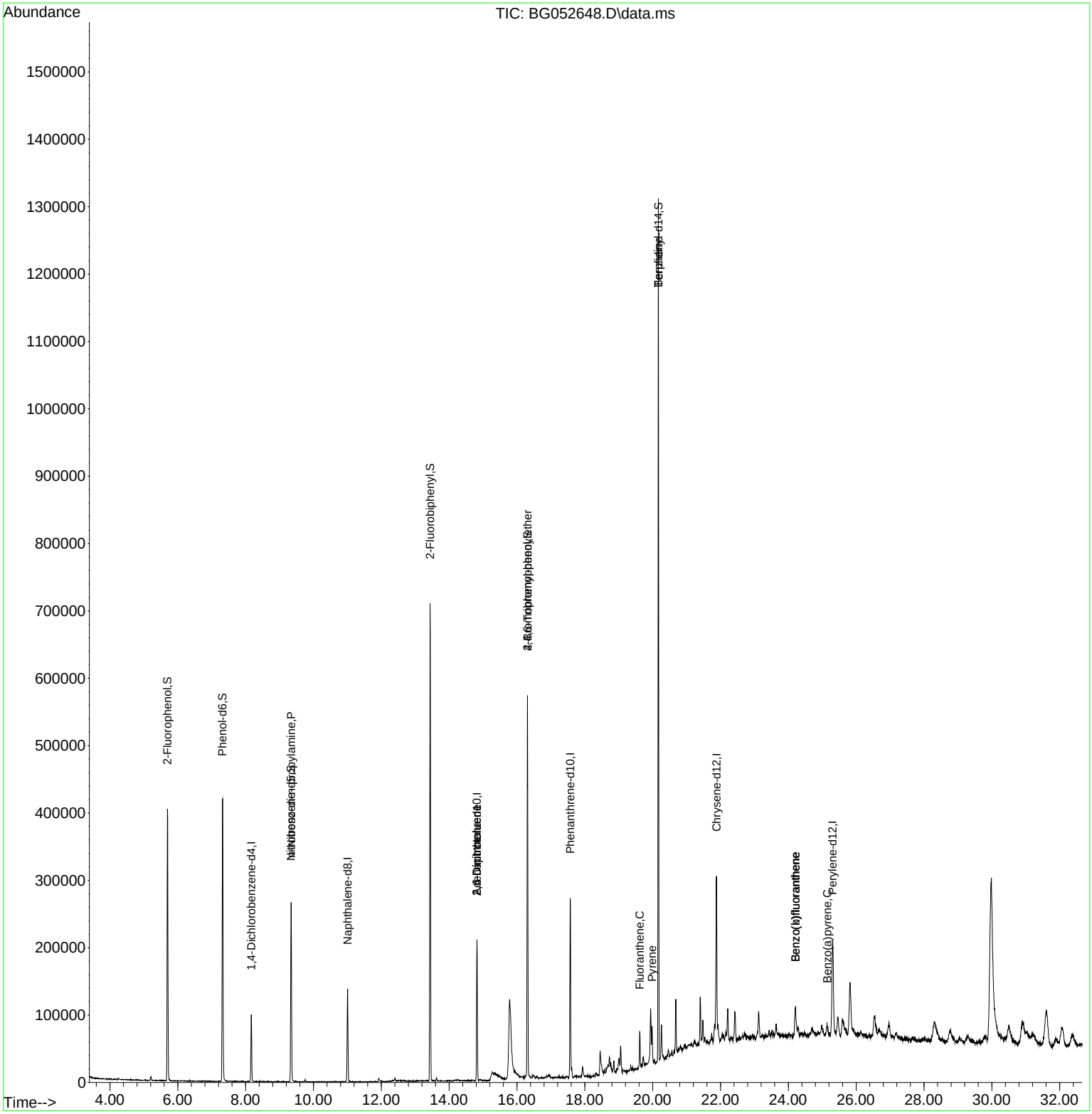
(#) = qualifier out of range (m) = manual integration (+) = signals summed

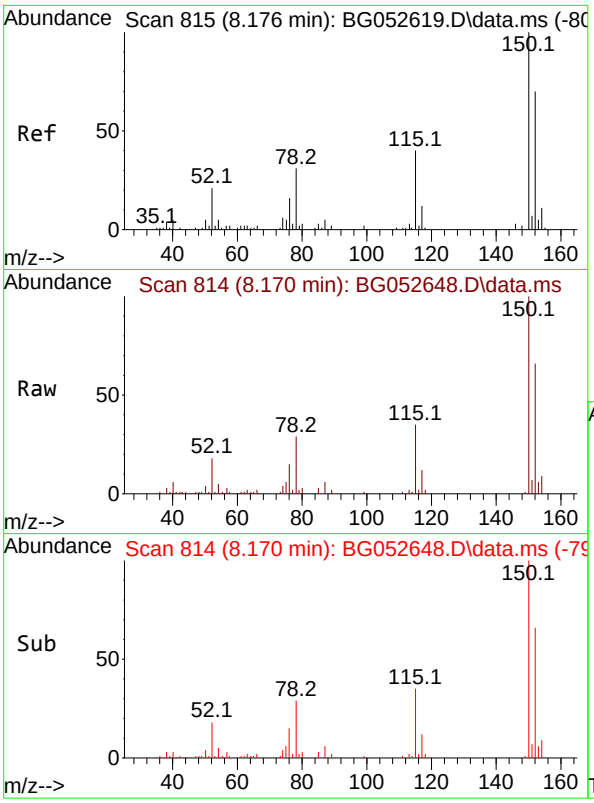
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052648.D
Acq On : 11 Mar 2022 15:40
Operator : CG/JU
Sample : N1864-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Quant Time: Mar 12 06:16:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 06:37:54 2022
Response via : Initial Calibration



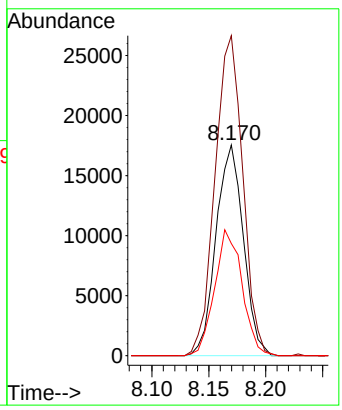


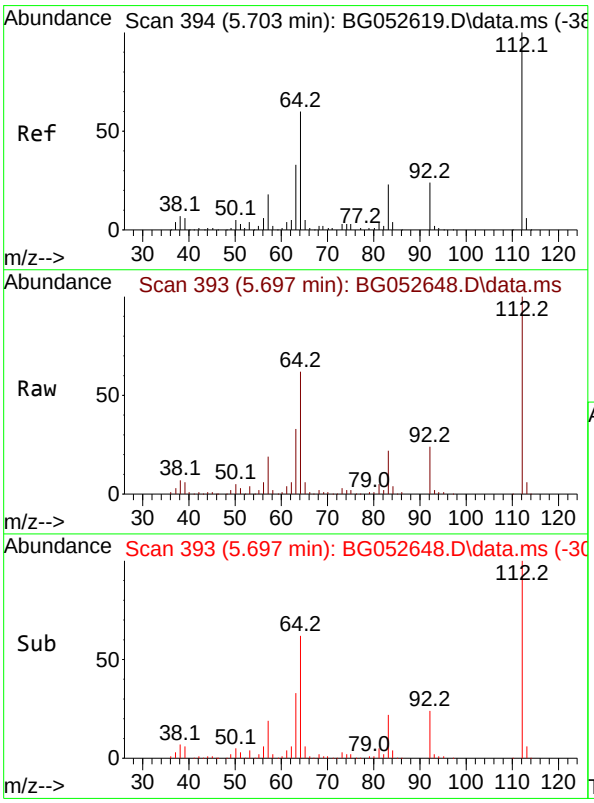
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:152 Resp: 29332

Ion	Ratio	Lower	Upper
152	100		
150	151.9	114.6	172.0
115	53.2	45.9	68.9

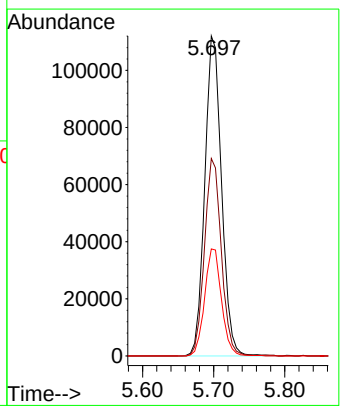


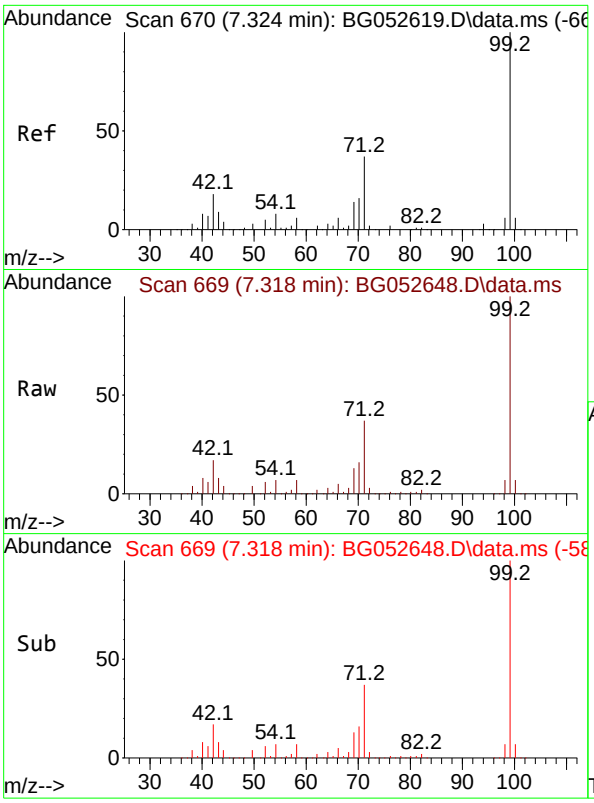


#5
2-Fluorophenol
Concen: 108.303 ng
RT: 5.697 min Scan# 393
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:112 Resp: 183888

Ion	Ratio	Lower	Upper
112	100		
64	61.7	48.0	72.0
63	33.4	26.5	39.7



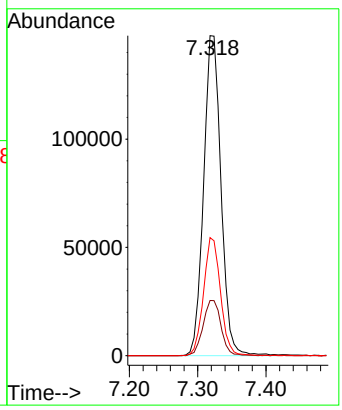


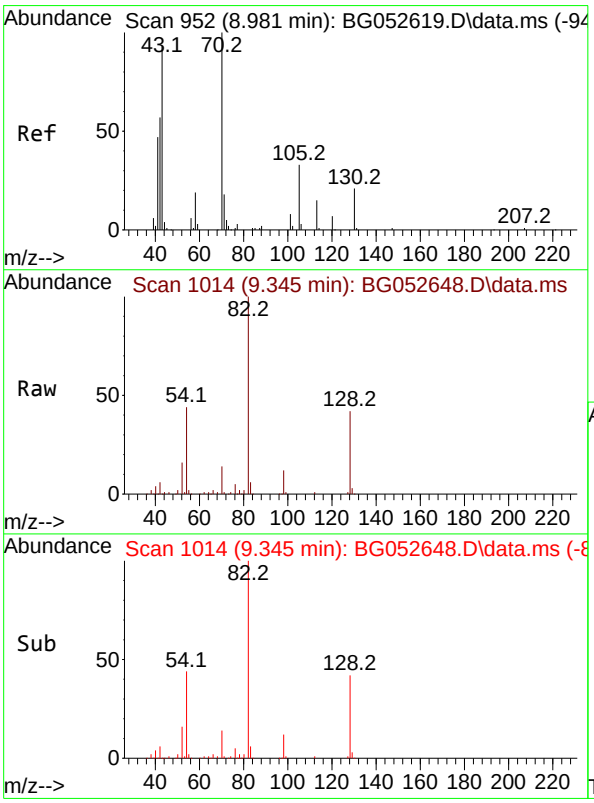
#7
Phenol-d6
Concen: 106.707 ng
RT: 7.318 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion: 99 Resp: 262221

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.7	22.1
71	36.9	29.2	43.8

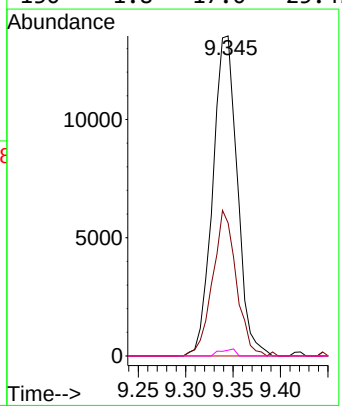


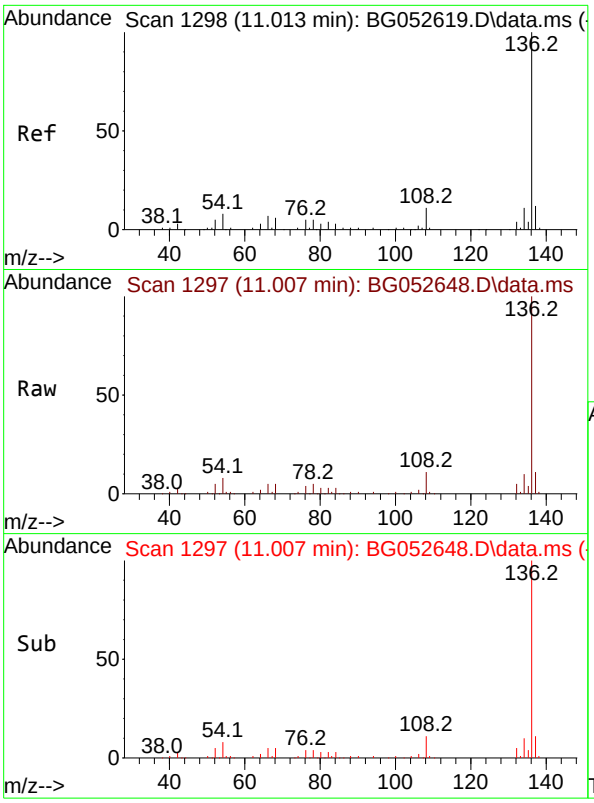


#19
n-Nitroso-di-n-propylamine
Concen: 14.664 ng
RT: 9.345 min Scan# 1014
Delta R.T. 0.364 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion: 70 Resp: 24386

Ion	Ratio	Lower	Upper
70	100		
42	41.6	46.0	69.0#
101	0.0	6.2	9.4#
130	1.8	17.0	25.4#



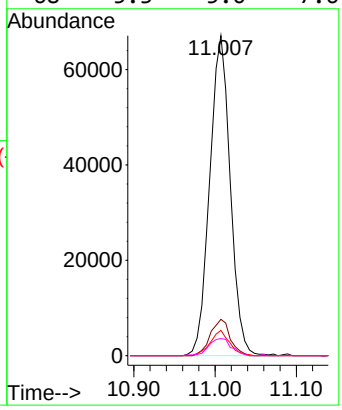


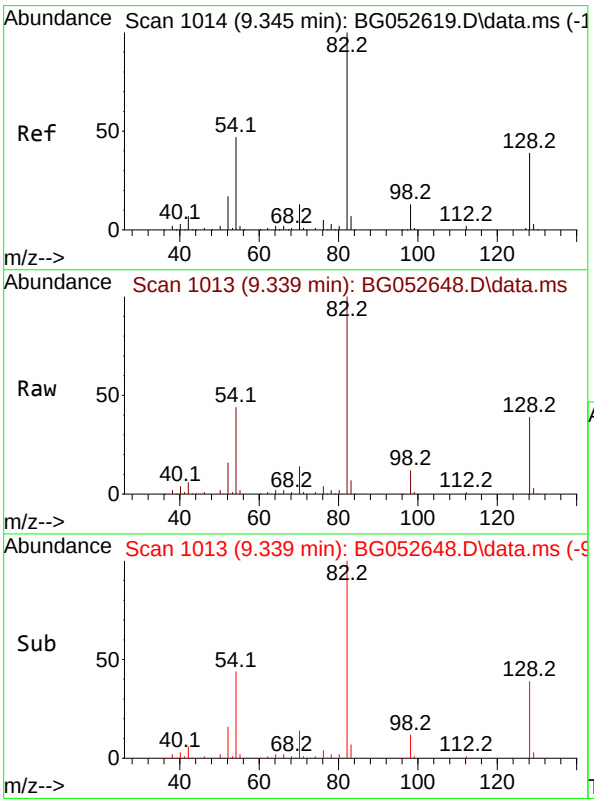
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:136 Resp: 118171

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	7.9	6.4	9.6
68	5.3	5.0	7.6

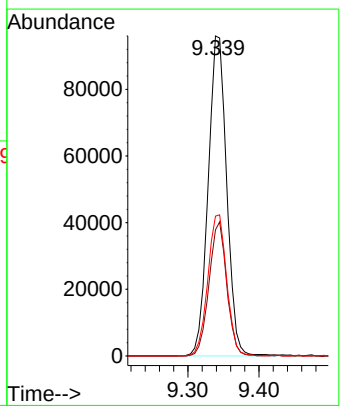


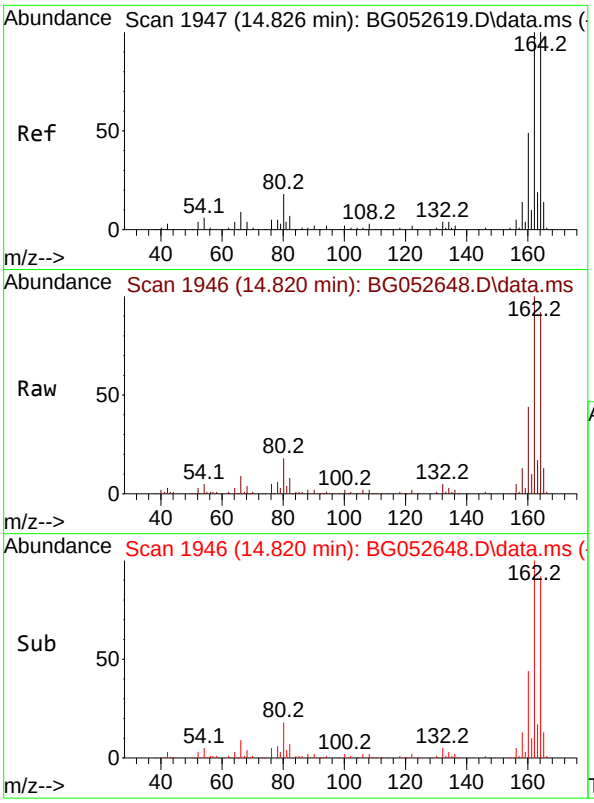


#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 9.339 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion: 82 Resp: 173067

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	43.7	37.8	56.8



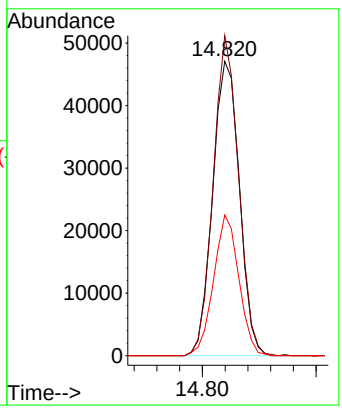


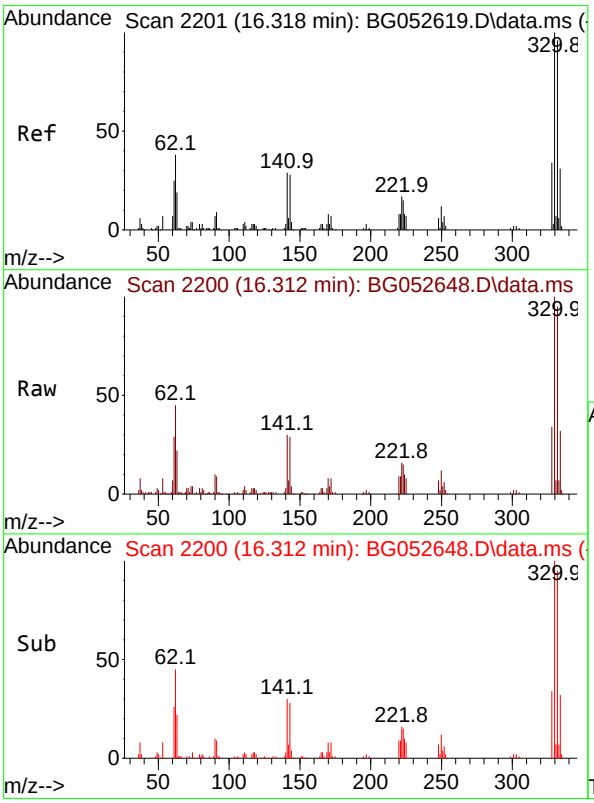
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:164 Resp: 76831

Ion	Ratio	Lower	Upper
164	100		
162	108.7	80.0	120.0
160	47.8	38.8	58.2

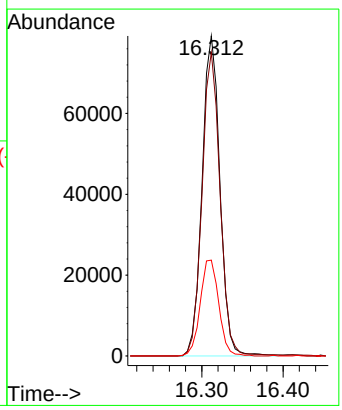


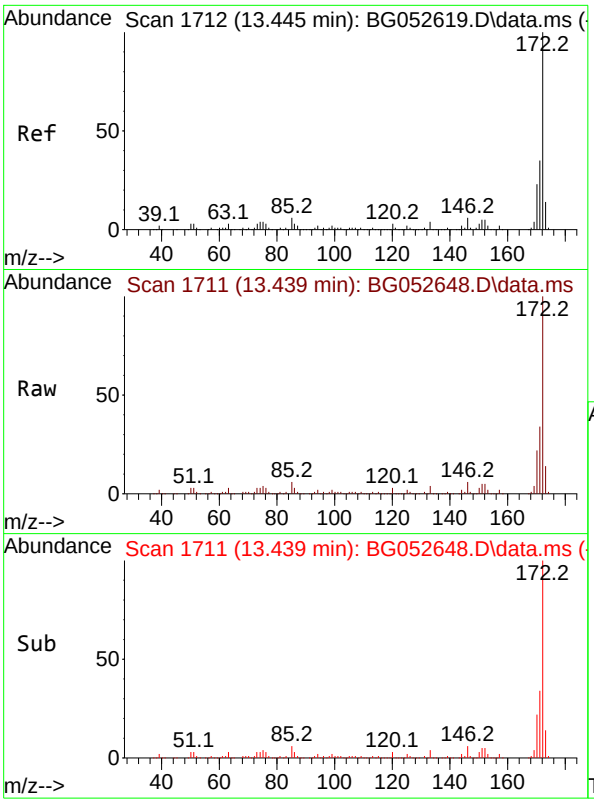


#42
2,4,6-Tribromophenol
Concen: 110.612 ng
RT: 16.312 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:330 Resp: 120530

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	31.1	24.6	36.8



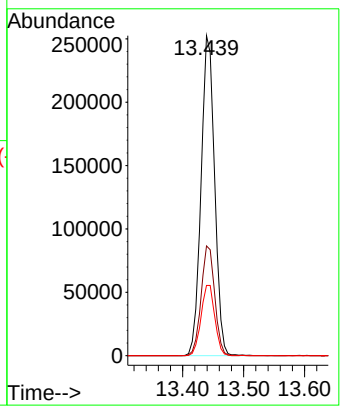


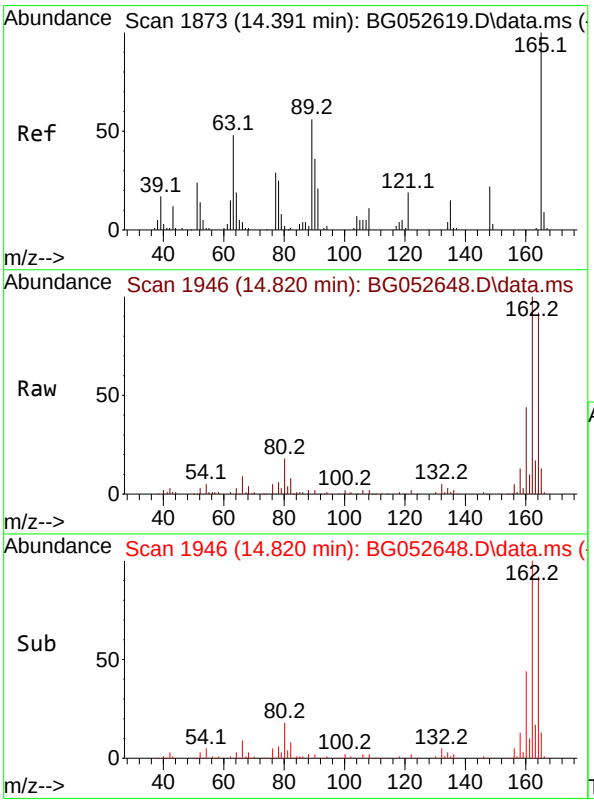
#45
2-Fluorobiphenyl
Concen: 68.621 ng
RT: 13.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:172 Resp: 390608

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.3	42.5
170	22.0	18.0	27.0

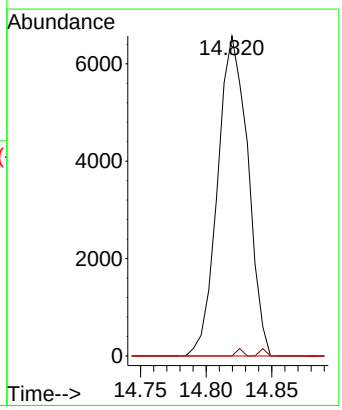


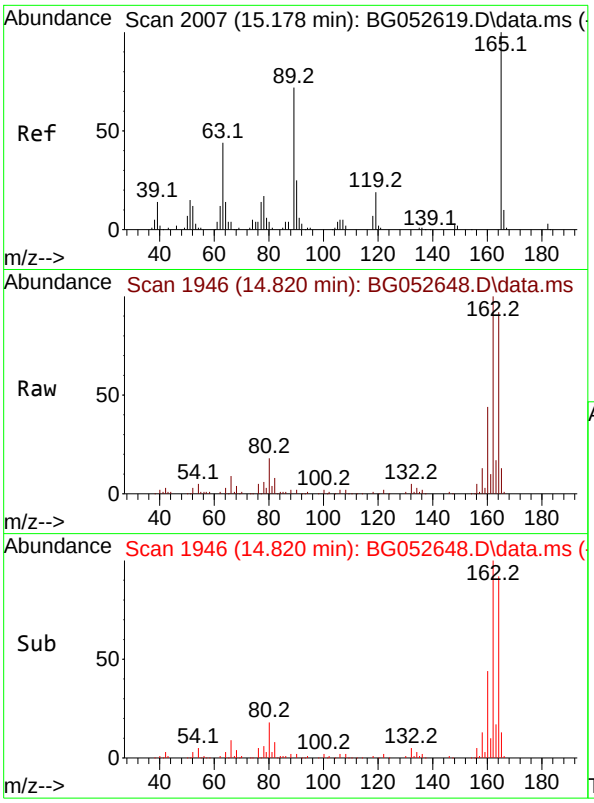


#51
2,6-Dinitrotoluene
Concen: 8.242 ng
RT: 14.820 min Scan# 1946
Delta R.T. 0.428 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:165 Resp: 10514

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	0.0	45.0	67.4#



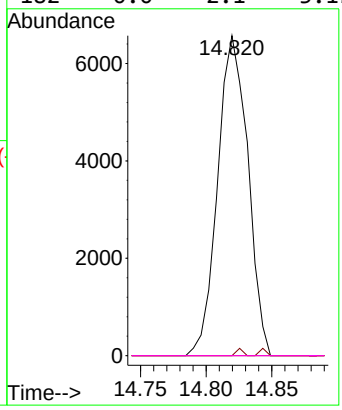


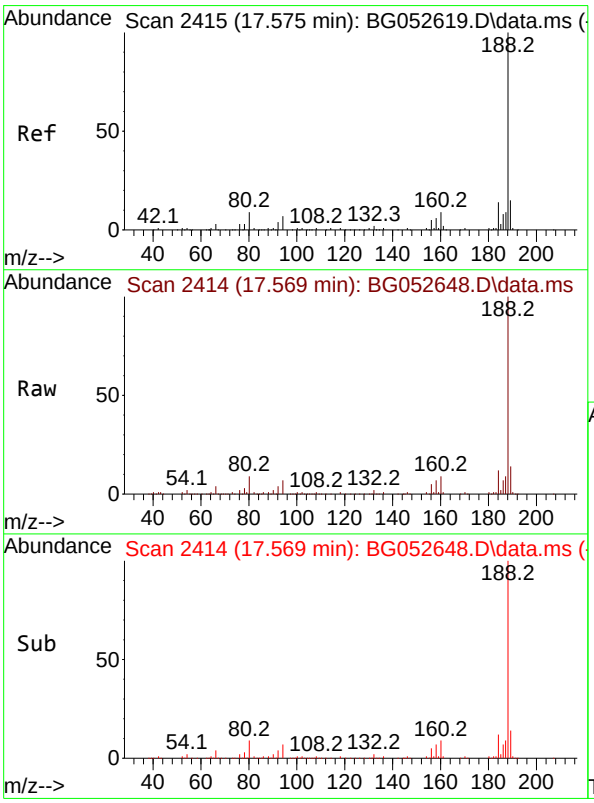
#57
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 14.820 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:165 Resp: 10514

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#

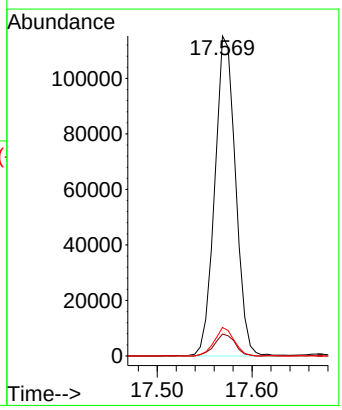


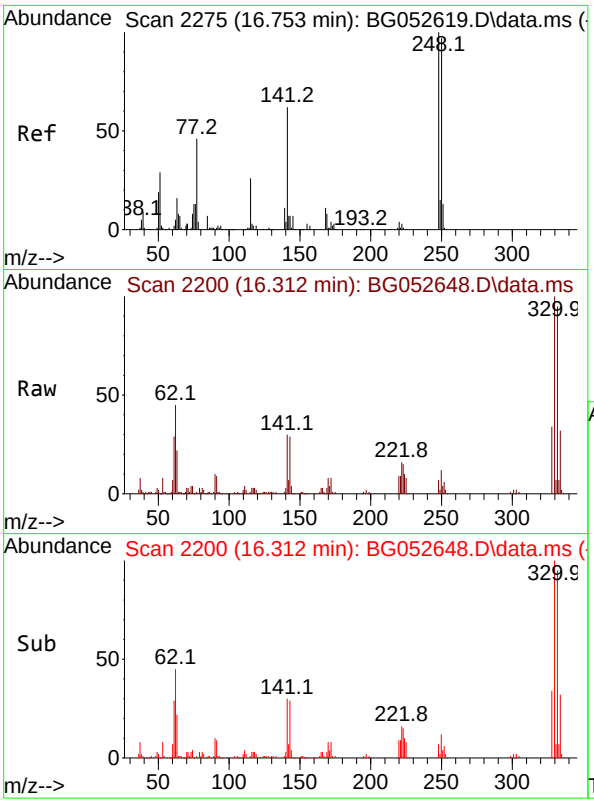


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:188 Resp: 175380

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	8.9	7.2	10.8



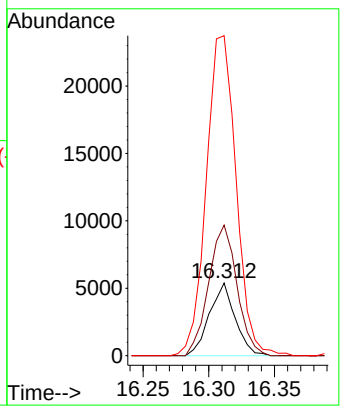


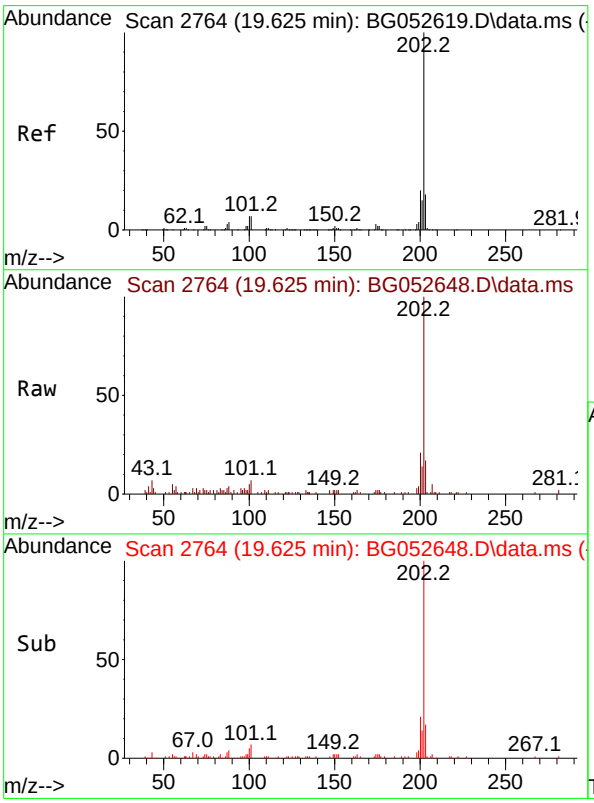
#67
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 16.312 min Scan# 2
Delta R.T. -0.441 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:248 Resp: 7364

Ion	Ratio	Lower	Upper
248	100		
250	179.6	77.9	116.9#
141	440.3	49.2	73.8#

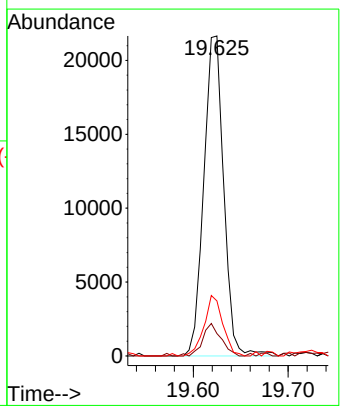


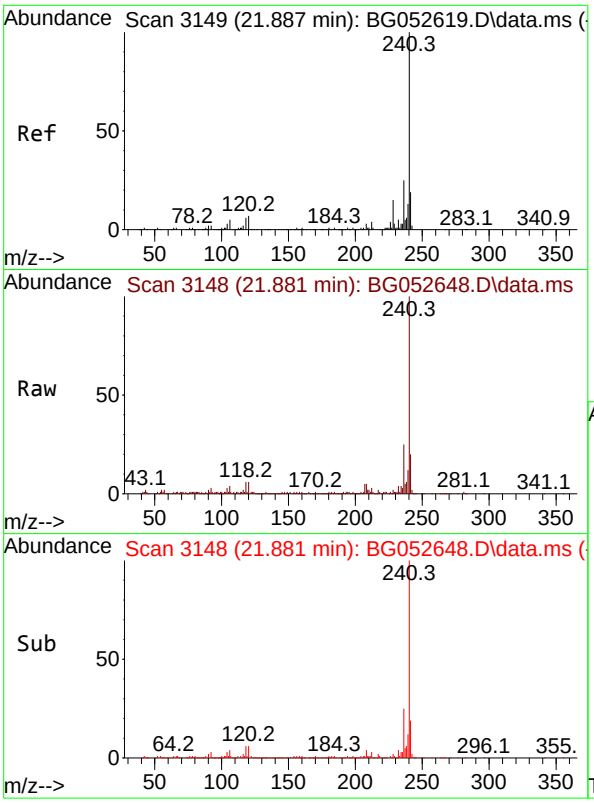


#75
Fluoranthene
Concen: 2.756 ng
RT: 19.625 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:202 Resp: 31665

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.3
203	17.2	0.0	37.7



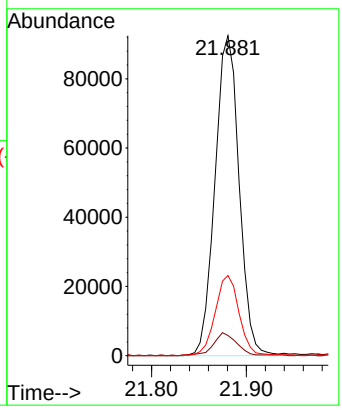


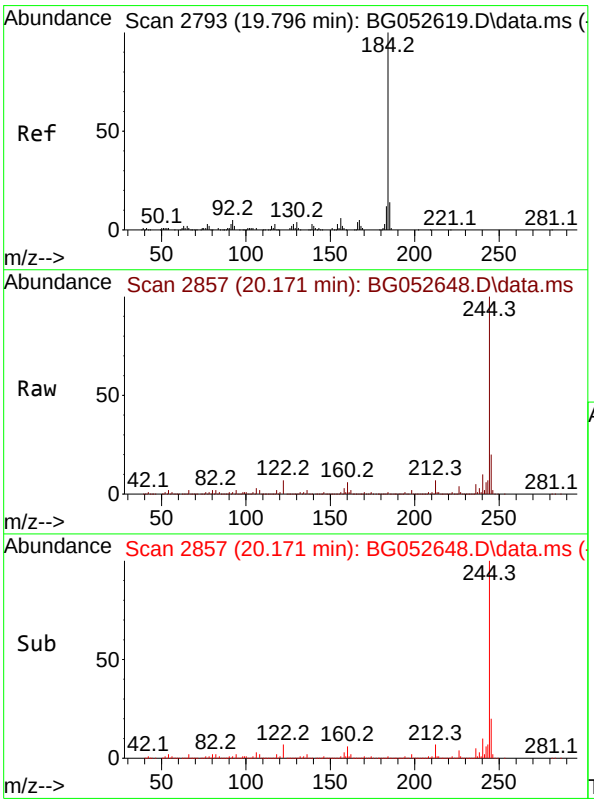
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:240 Resp: 163401

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.4	8.0
236	25.1	19.8	29.6

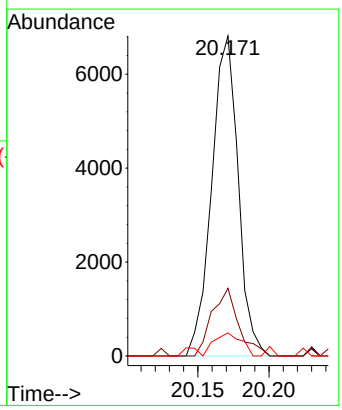


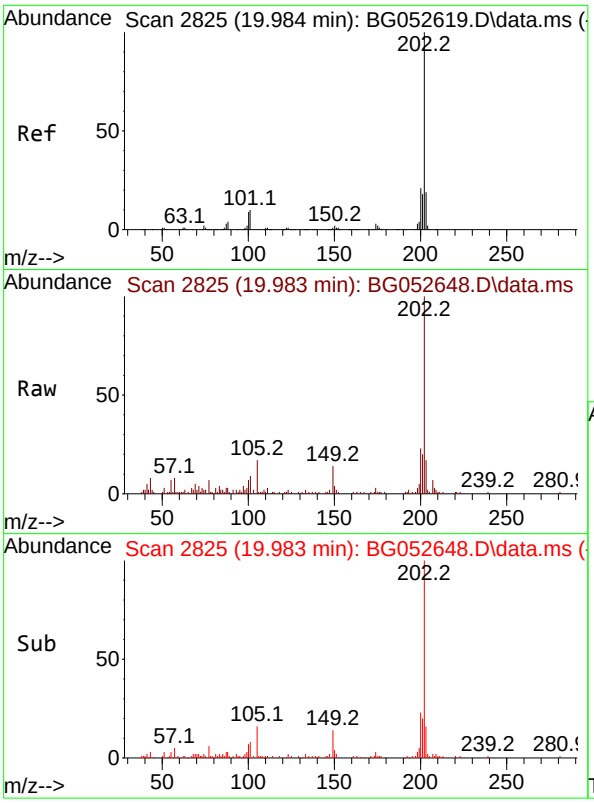


#77
Benzidine
Concen: 2.602 ng
RT: 20.171 min Scan# 2857
Delta R.T. 0.376 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:184 Resp: 8820

Ion	Ratio	Lower	Upper
184	100		
185	21.1	11.5	17.3#
183	7.2	9.4	14.2#



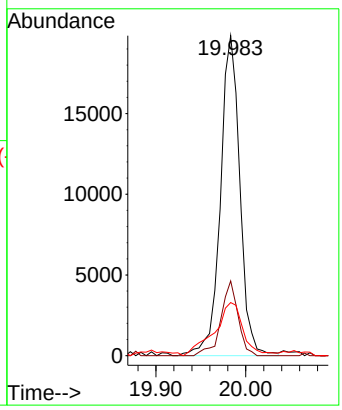


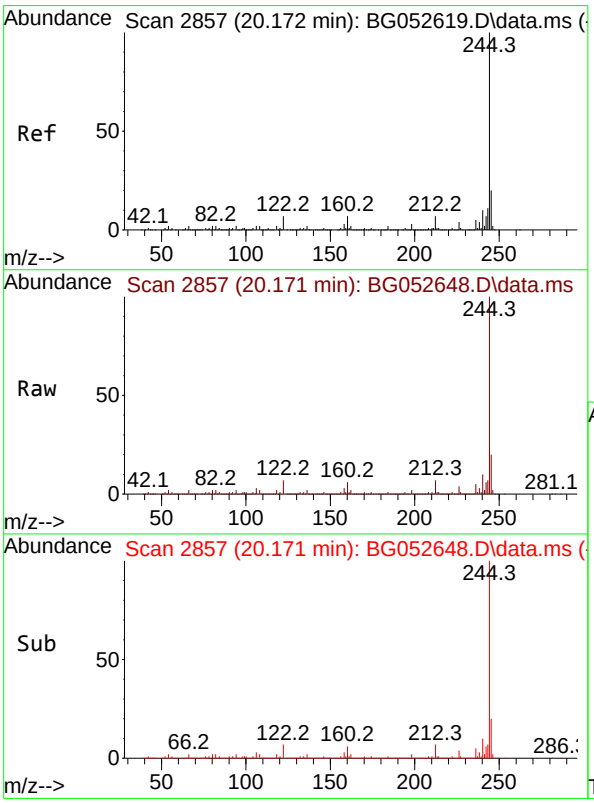
#78
Pyrene
Concen: 2.731 ng
RT: 19.983 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:202 Resp: 29831

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.0	25.6
203	16.6	15.0	22.6

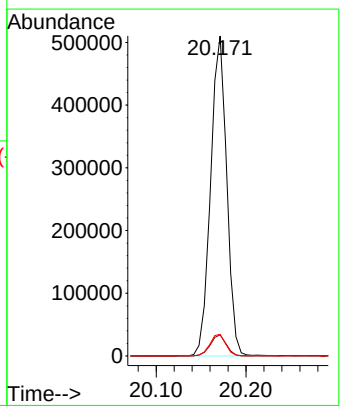


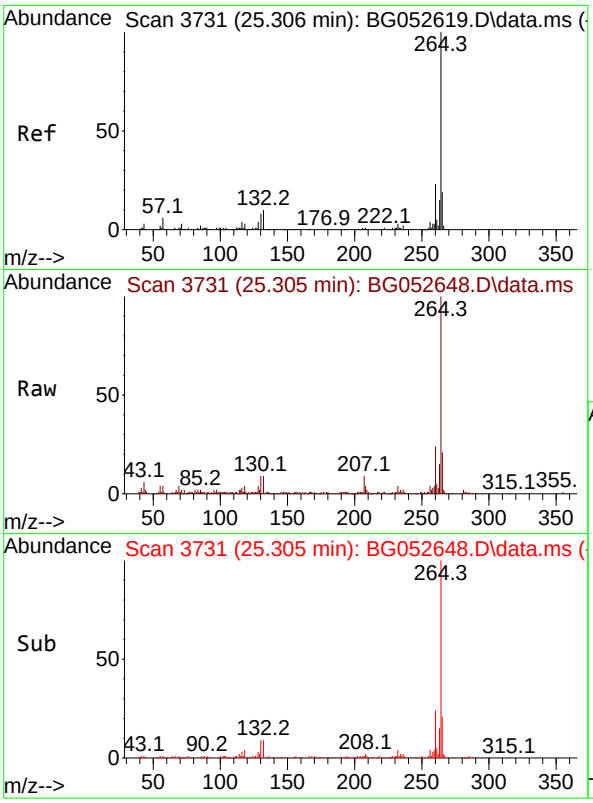


#79
Terphenyl-d14
Concen: 68.848 ng
RT: 20.171 min Scan# 2857
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:244 Resp: 635747

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	6.7	5.8	8.6



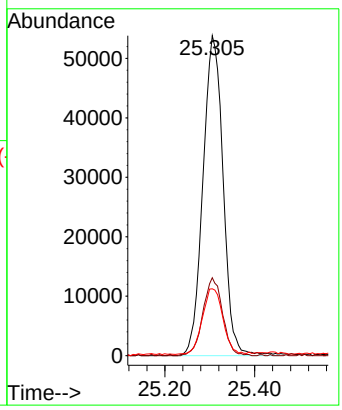


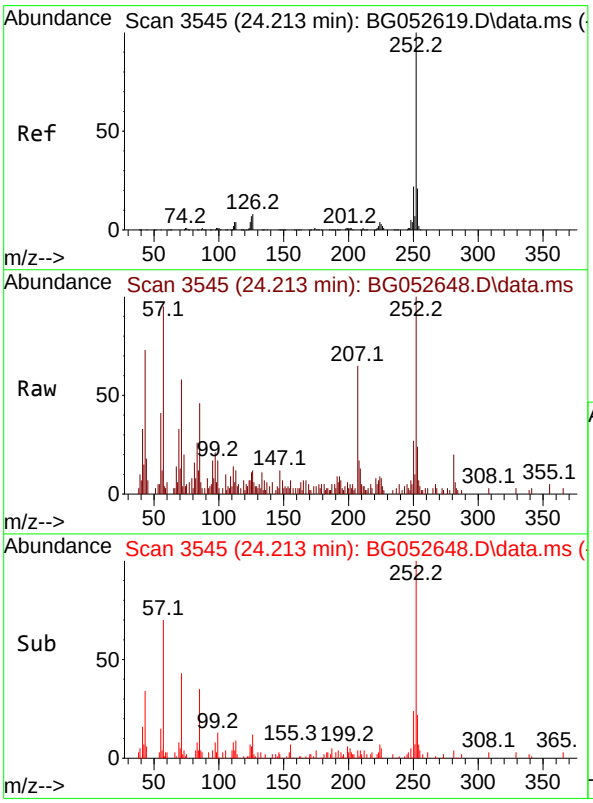
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.305 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:264 Resp: 167905

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	20.9	15.1	22.7

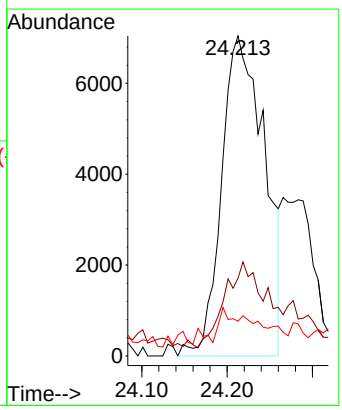


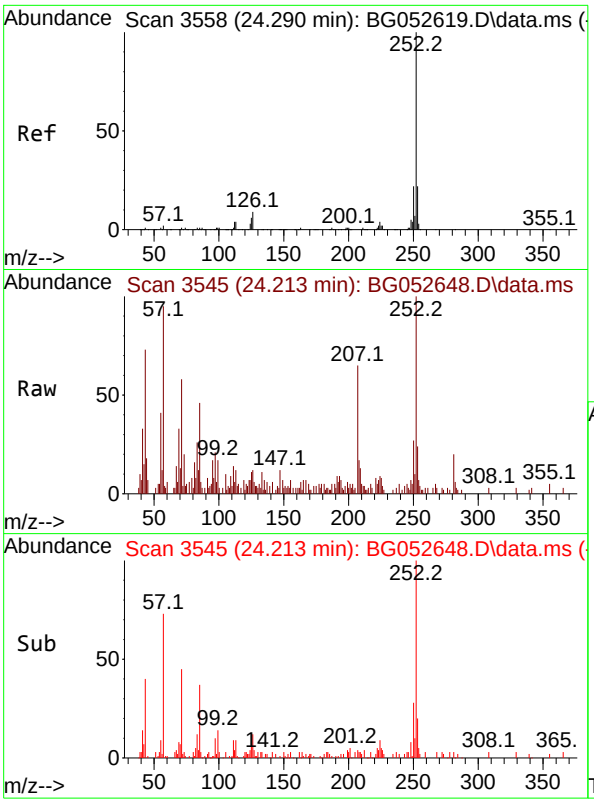


#88
Benzo(b)fluoranthene
Concen: 2.373 ng
RT: 24.213 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:252 Resp: 24601

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	10.8	5.2	7.8#



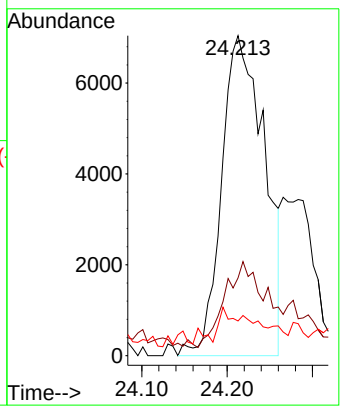


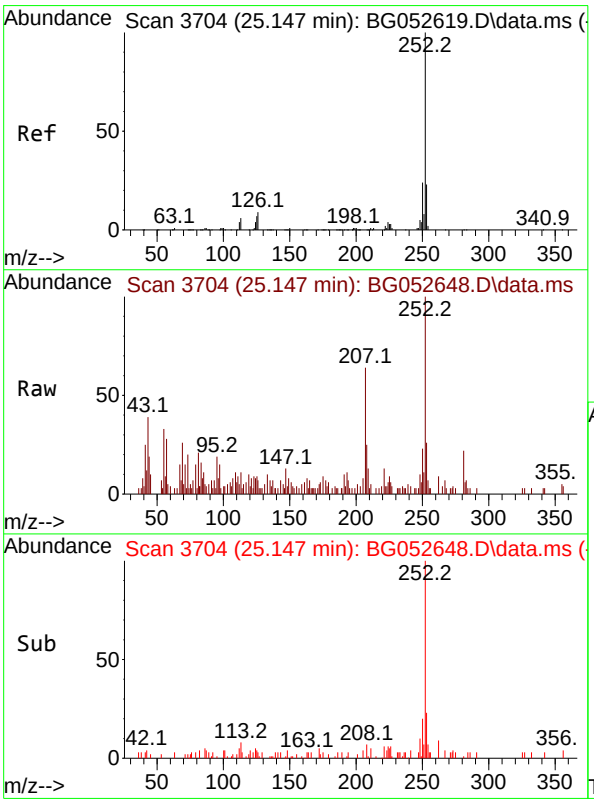
#89
Benzo(k)fluoranthene
Concen: 2.360 ng
RT: 24.213 min Scan# 3
Delta R.T. -0.077 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Tgt Ion:252 Resp: 24601

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	10.8	5.0	7.4#





#90
Benzo(a)pyrene
Concen: 2.047 ng
RT: 25.147 min Scan# 3704
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Tgt Ion:252 Resp: 17955

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.4	27.6
125	9.2	5.6	8.4#