Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
Data File : BG052689.D
Acq On : 17 Mar 2022 12:50
Operator : CG/JU
Sample : PB143209BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Quant Time: Mar 17 13:31:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 12:13:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	40942	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	168018	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	119576	20.000	ng	0.00
64) Phenanthrene-d10	17.512	188	278500	20.000	ng	0.00
76) Chrysene-d12	21.801	240	316974	20.000	ng	-0.01
86) Perylene-d12	25.120	264	305284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.711	112	315126	134.042	ng	0.00
7) Phenol-d6	7.297	99	436456	123.143	ng	0.00
23) Nitrobenzene-d5	9.312	82	292855	87.482	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	178107	110.847	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	655973	80.908	ng	0.00
79) Terphenyl-d14	20.121	244	1393186	78.185	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.312	70	39446	15.714	ng	# 75
51) 2,6-Dinitrotoluene	14.769	165	15840	10.557	ng	# 24
57) 2,4-Dinitrotoluene	14.769	165	15840	7.608	ng	# 22
67) 4-Bromophenyl-phenylether	16.255	248	11691	3.482	ng	# 1
77) Benzidine	20.121	184	24947	3.051	ng	# 91

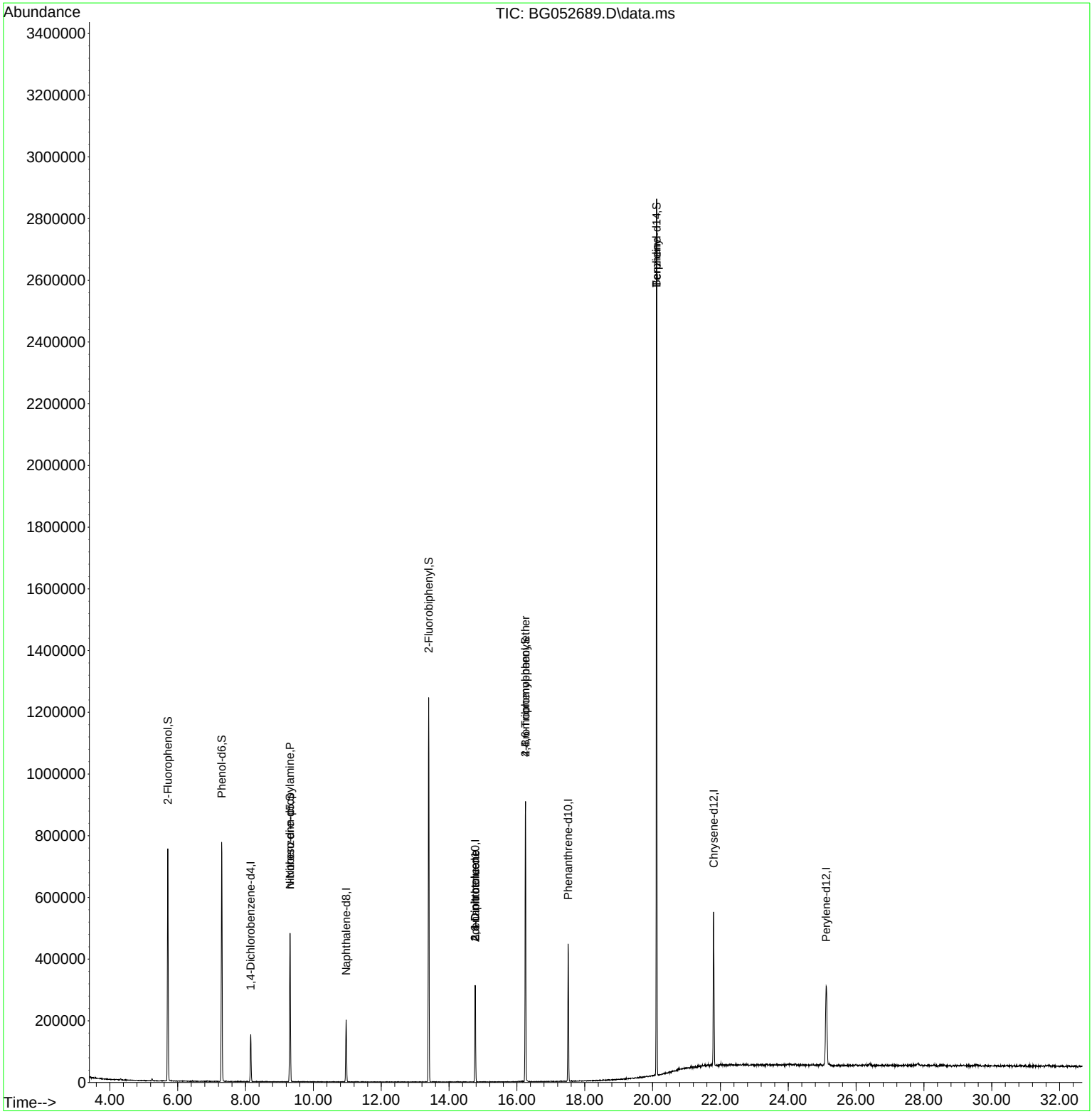
(#) = qualifier out of range (m) = manual integration (+) = signals summed

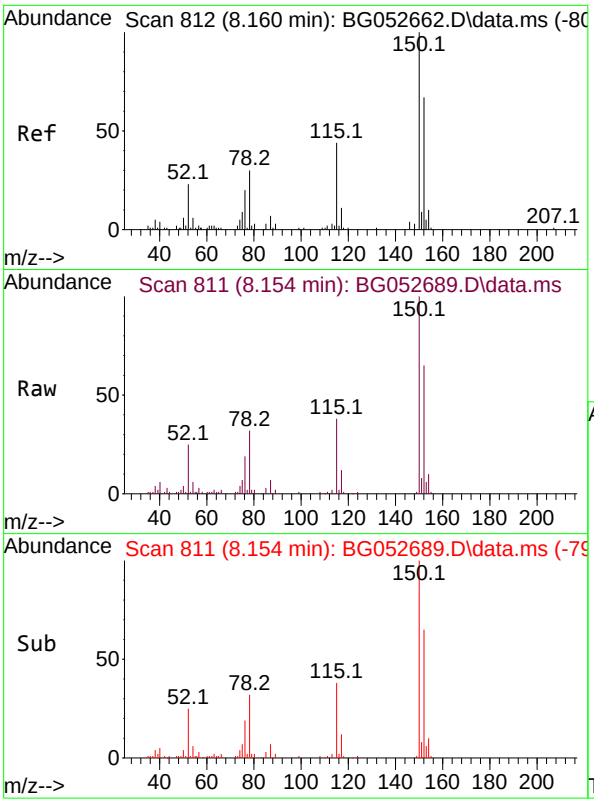
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
Data File : BG052689.D
Acq On : 17 Mar 2022 12:50
Operator : CG/JU
Sample : PB143209BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Quant Time: Mar 17 13:31:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 12:13:08 2022
Response via : Initial Calibration



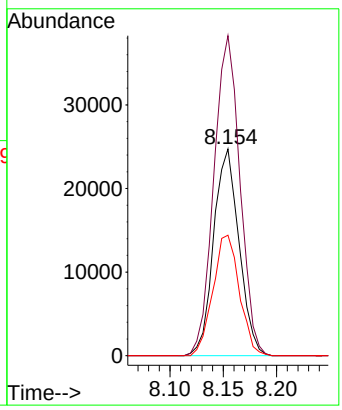


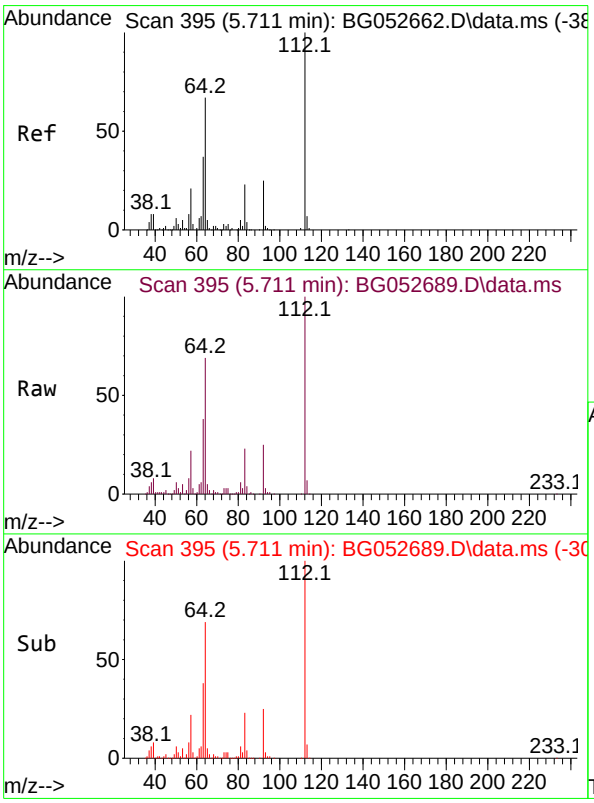
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:152 Resp: 40942

Ion	Ratio	Lower	Upper
152	100		
150	154.8	114.6	172.0
115	58.2	45.9	68.9

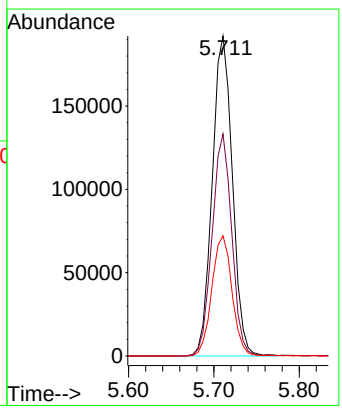


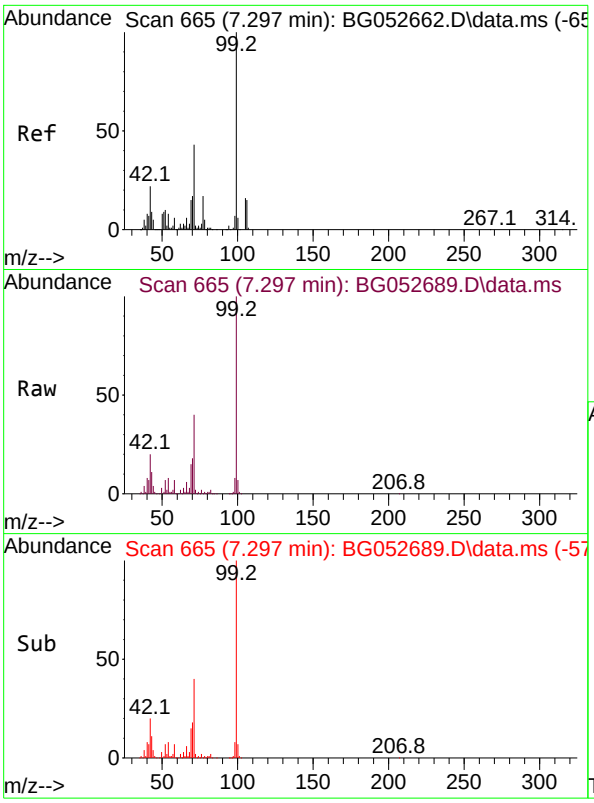


#5
2-Fluorophenol
Concen: 134.042 ng
RT: 5.711 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion:112 Resp: 315126

Ion	Ratio	Lower	Upper
112	100		
64	69.3	48.0	72.0
63	37.5	26.5	39.7



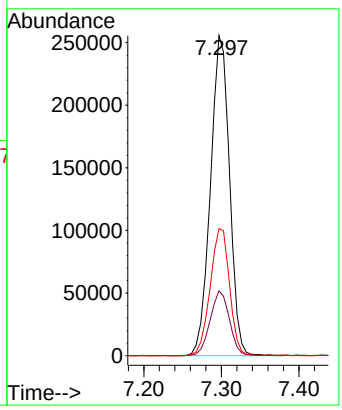


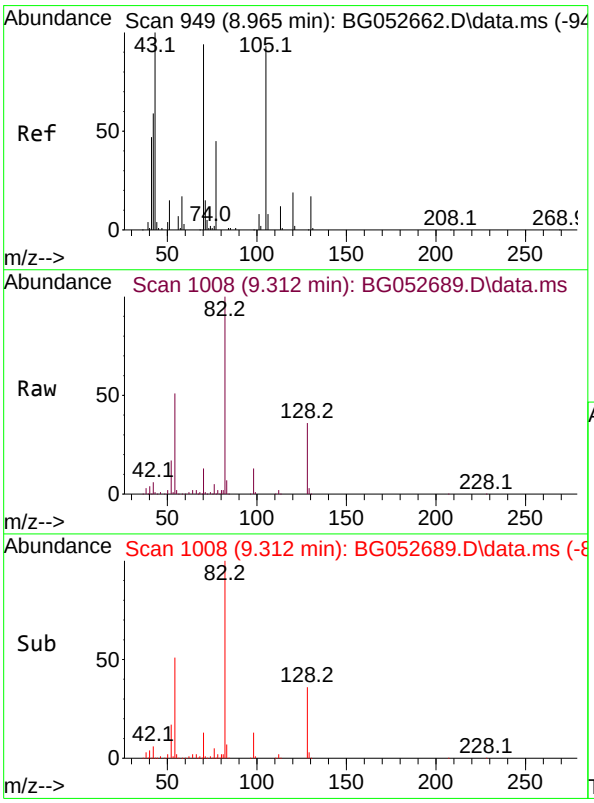
#7
Phenol-d6
Concen: 123.143 ng
RT: 7.297 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion: 99 Resp: 436456

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.7	22.1
71	39.7	29.2	43.8

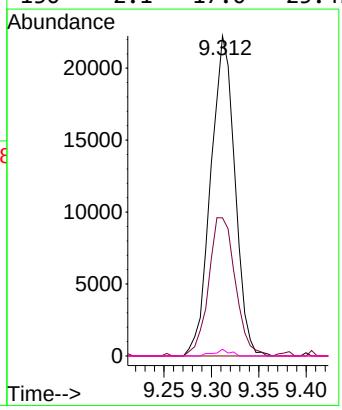


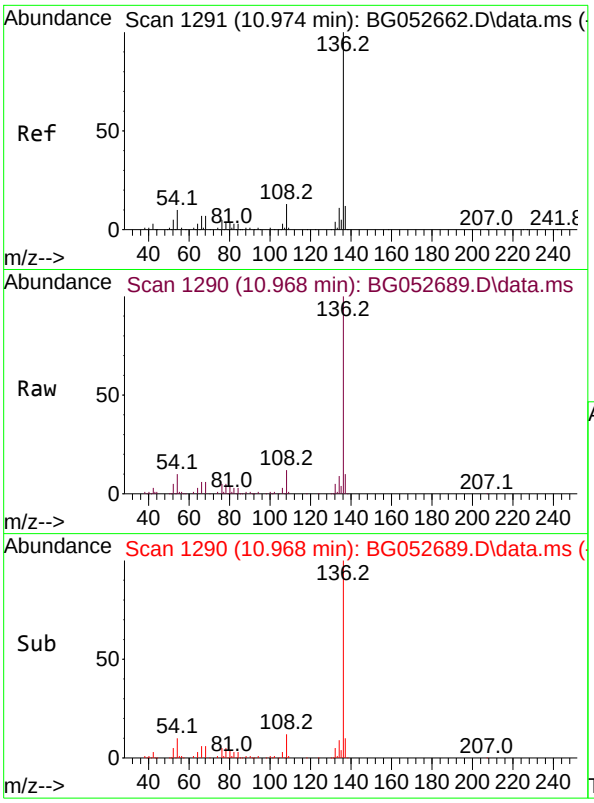


#19
n-Nitroso-di-n-propylamine
Concen: 15.714 ng
RT: 9.312 min Scan# 1008
Delta R.T. 0.346 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion: 70 Resp: 39446

Ion	Ratio	Lower	Upper
70	100		
42	43.2	46.0	69.0#
101	0.0	6.2	9.4#
130	2.1	17.0	25.4#



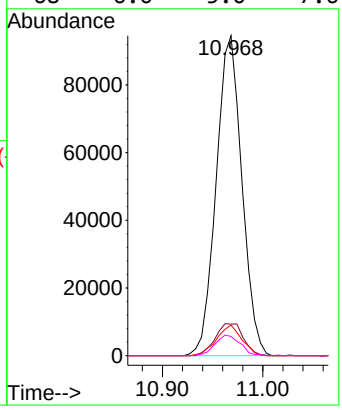


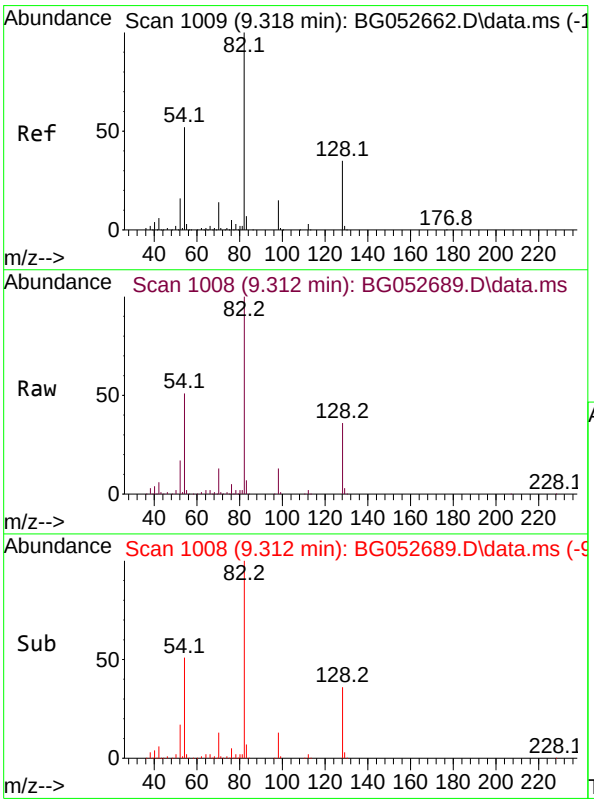
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:136 Resp: 168018

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.4	14.2
54	9.5	6.4	9.6
68	6.0	5.0	7.6

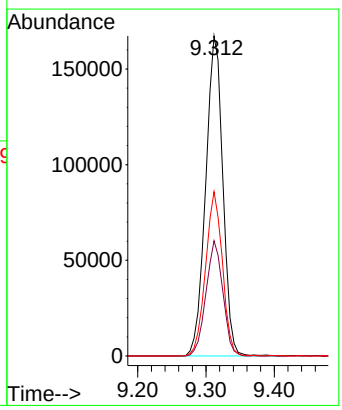


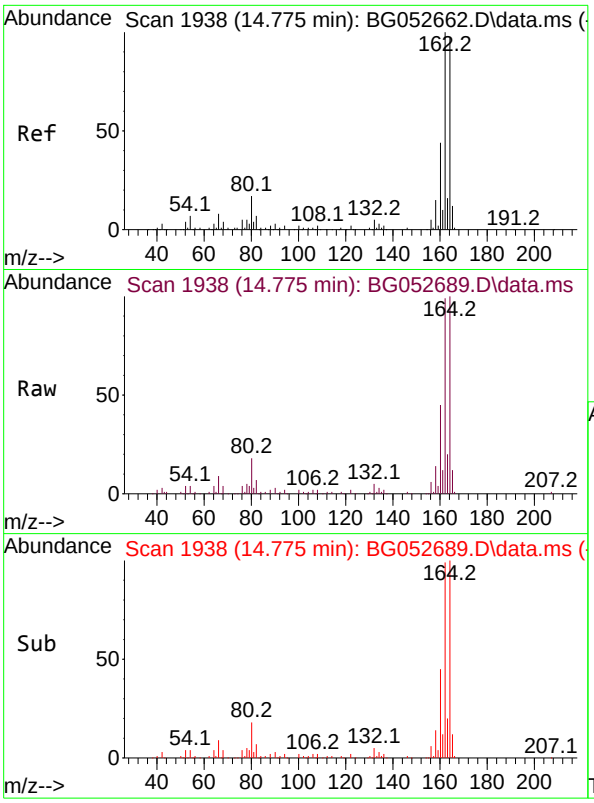


#23
Nitrobenzene-d5
Concen: 87.482 ng
RT: 9.312 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion: 82 Resp: 292855

Ion	Ratio	Lower	Upper
82	100		
128	36.0	31.3	46.9
54	51.4	37.8	56.8



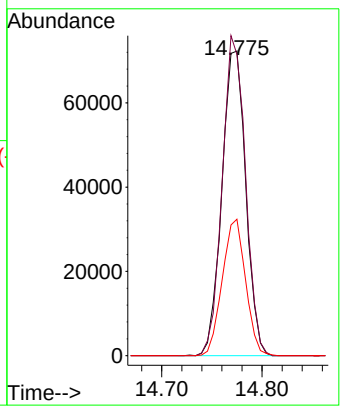


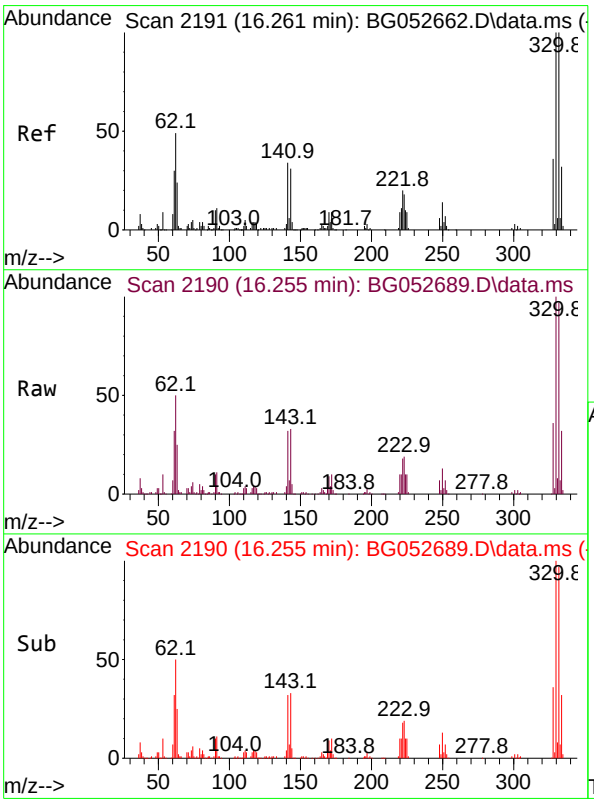
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:164 Resp: 119576

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.0	120.0
160	44.8	38.8	58.2

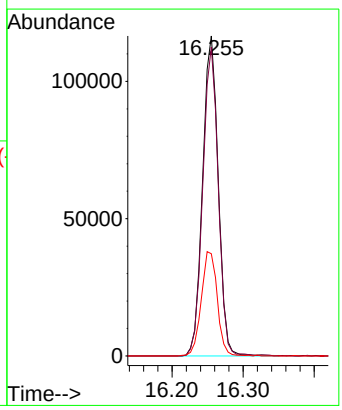


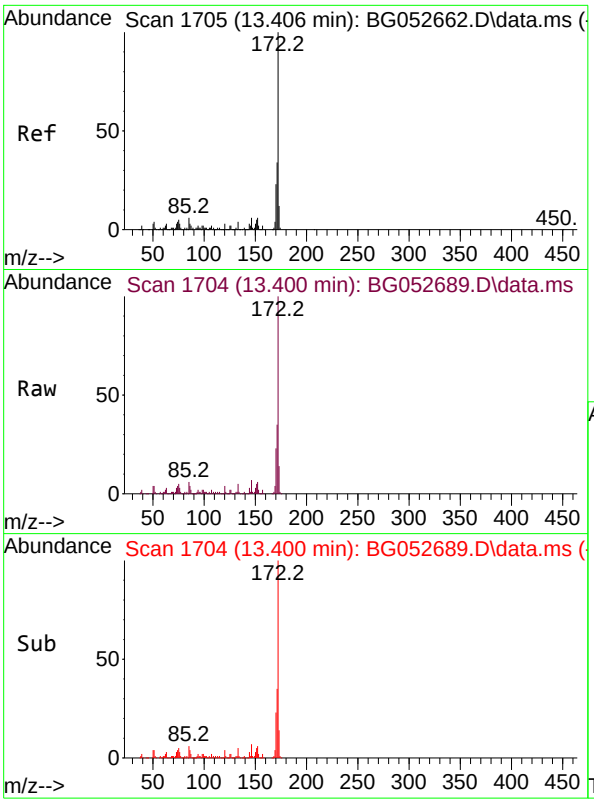


#42
2,4,6-Tribromophenol
Concen: 110.847 ng
RT: 16.255 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion:330 Resp: 178107

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	33.4	24.6	36.8



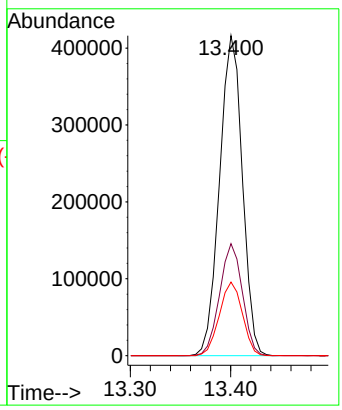


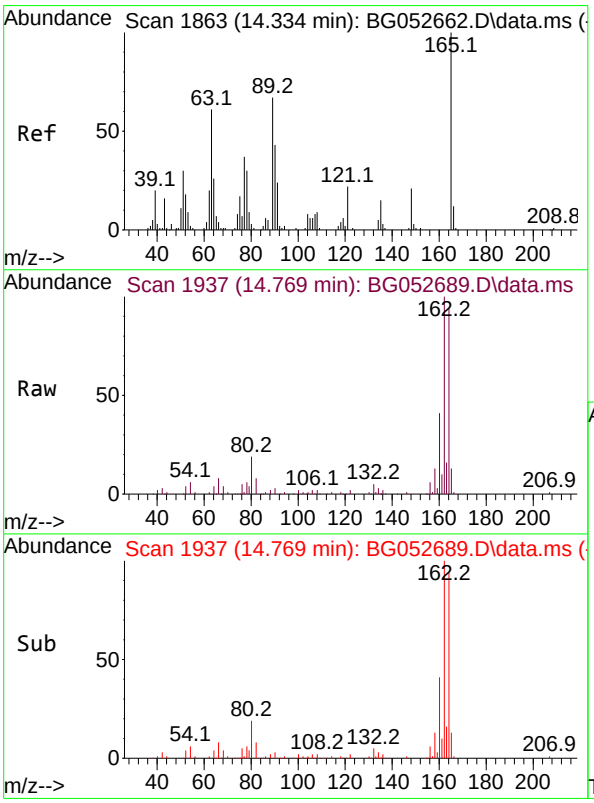
#45
2-Fluorobiphenyl
Concen: 80.908 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:172 Resp: 655973

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	23.0	18.0	27.0

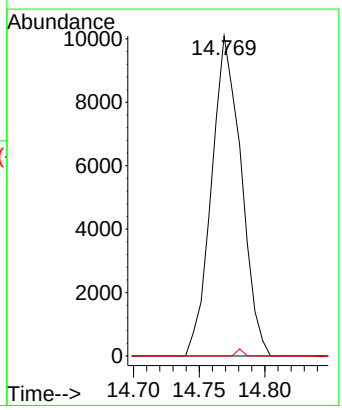


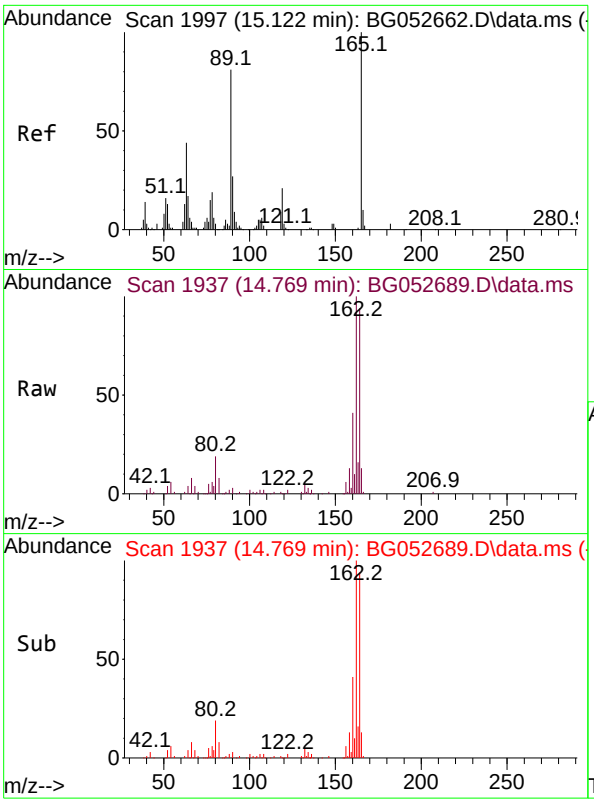


#51
2,6-Dinitrotoluene
Concen: 10.557 ng
RT: 14.769 min Scan# 1937
Delta R.T. 0.434 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion:165 Resp: 15840

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



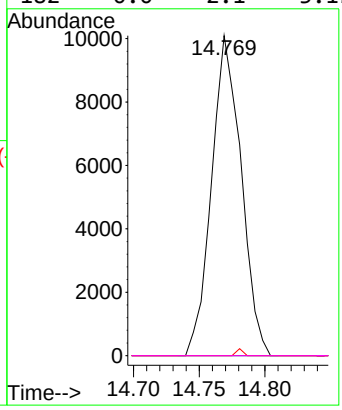


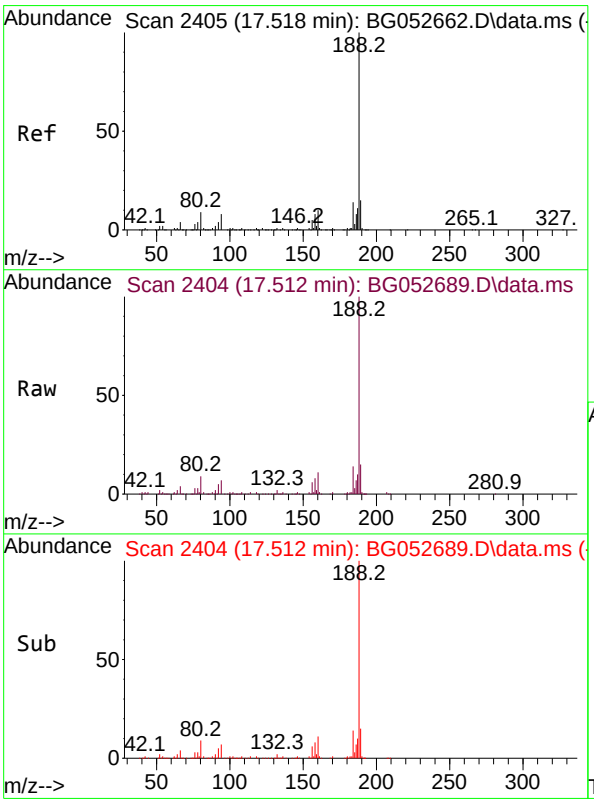
#57
2,4-Dinitrotoluene
Concen: 7.608 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:165 Resp: 15840

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#

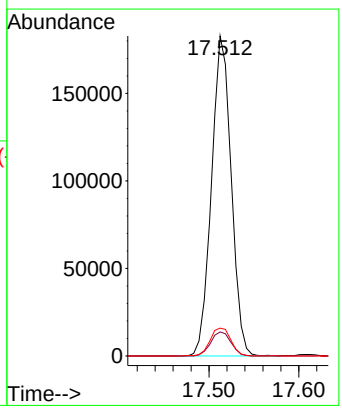


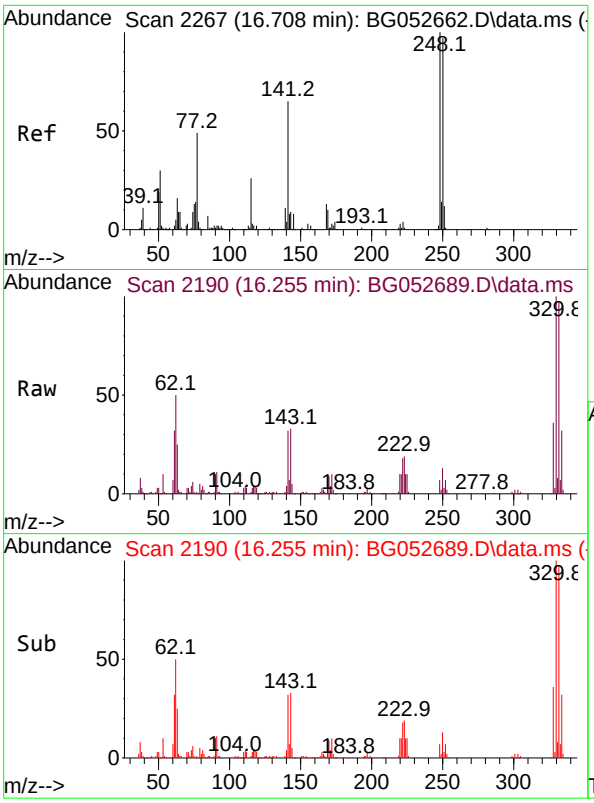


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.512 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion:188 Resp: 278500

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.7	7.2	10.8



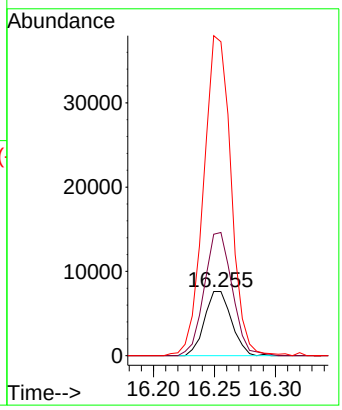


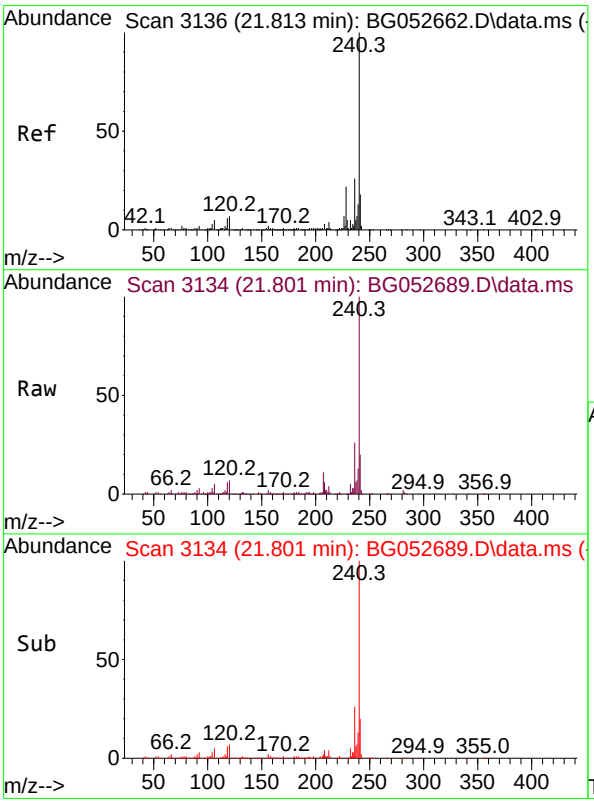
#67
4-Bromophenyl-phenylether
Concen: 3.482 ng
RT: 16.255 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:248 Resp: 11691

Ion	Ratio	Lower	Upper
248	100		
250	191.9	77.9	116.9#
141	488.6	49.2	73.8#

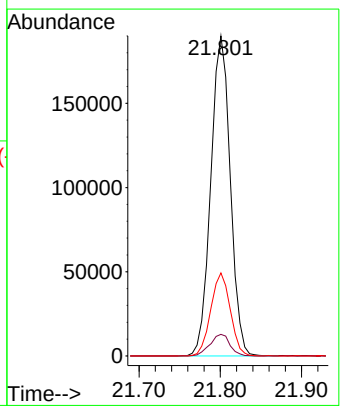


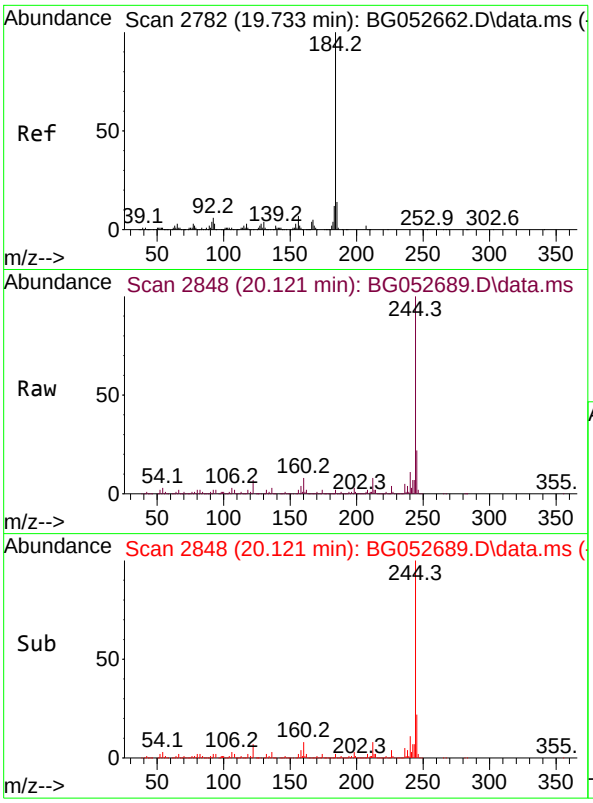


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion:240 Resp: 316974

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.4	8.0
236	25.9	19.8	29.6



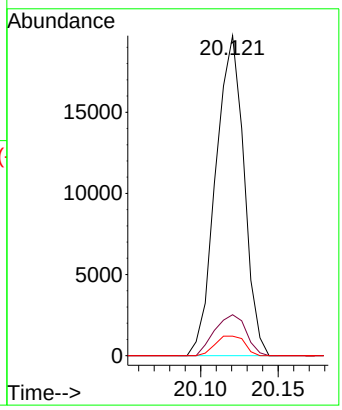


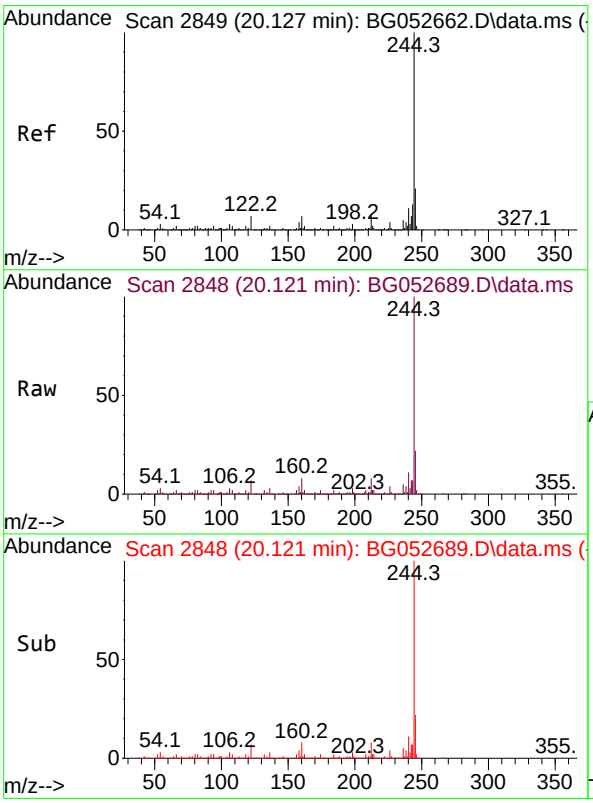
#77
Benzidine
Concen: 3.051 ng
RT: 20.121 min Scan# 2
Delta R.T. 0.388 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:184 Resp: 24947

Ion	Ratio	Lower	Upper
184	100		
185	12.8	11.5	17.3
183	6.1	9.4	14.2#

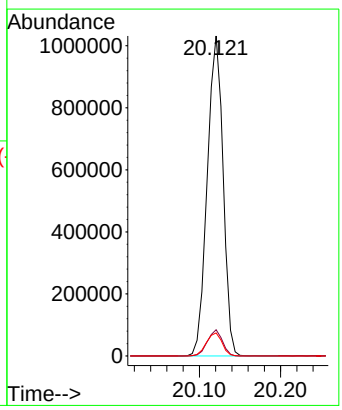


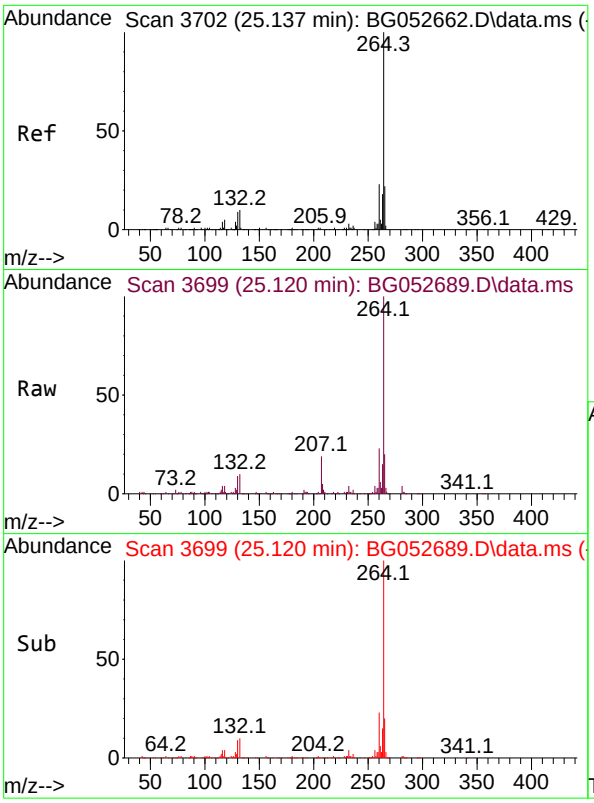


#79
Terphenyl-d14
Concen: 78.185 ng
RT: 20.121 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Tgt Ion:244 Resp: 1393186

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.2#
122	7.2	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.120 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG052689.D
Acq: 17 Mar 2022 12:50

Instrument :
BNA_G
ClientSampleId :
PB143209BL

Tgt Ion:264 Resp: 305284

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	20.2	15.1	22.7