Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051052.D
Acq On : 15 Nov 2021 22:08
Operator : CG/JU
Sample : M4681-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Nov 16 00:41:24 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	8.223	152	40190	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	177377	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	122234	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	265823	20.000	ng	# 0.00
76) Chrysene-d12	21.895	240	212517	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	208014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	421244	156.790	ng	0.00
7) Phenol-d6	7.371	99	562969	148.458	ng	0.00
23) Nitrobenzene-d5	9.398	82	391129	97.611	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	181718	148.556	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	733955	94.873	ng	0.00
79) Terphenyl-d14	20.186	244	990995	85.325	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.398	70	53714	19.168	ng	# 69
51) 2,6-Dinitrotoluene	14.851	165	16072	8.120	ng	# 12
57) 2,4-Dinitrotoluene	14.851	165	16072	5.723	ng	# 17
67) 4-Bromophenyl-phenylether	16.337	248	13933	5.004	ng	# 1
77) Benzidine	20.186	184	18415	4.584	ng	# 95

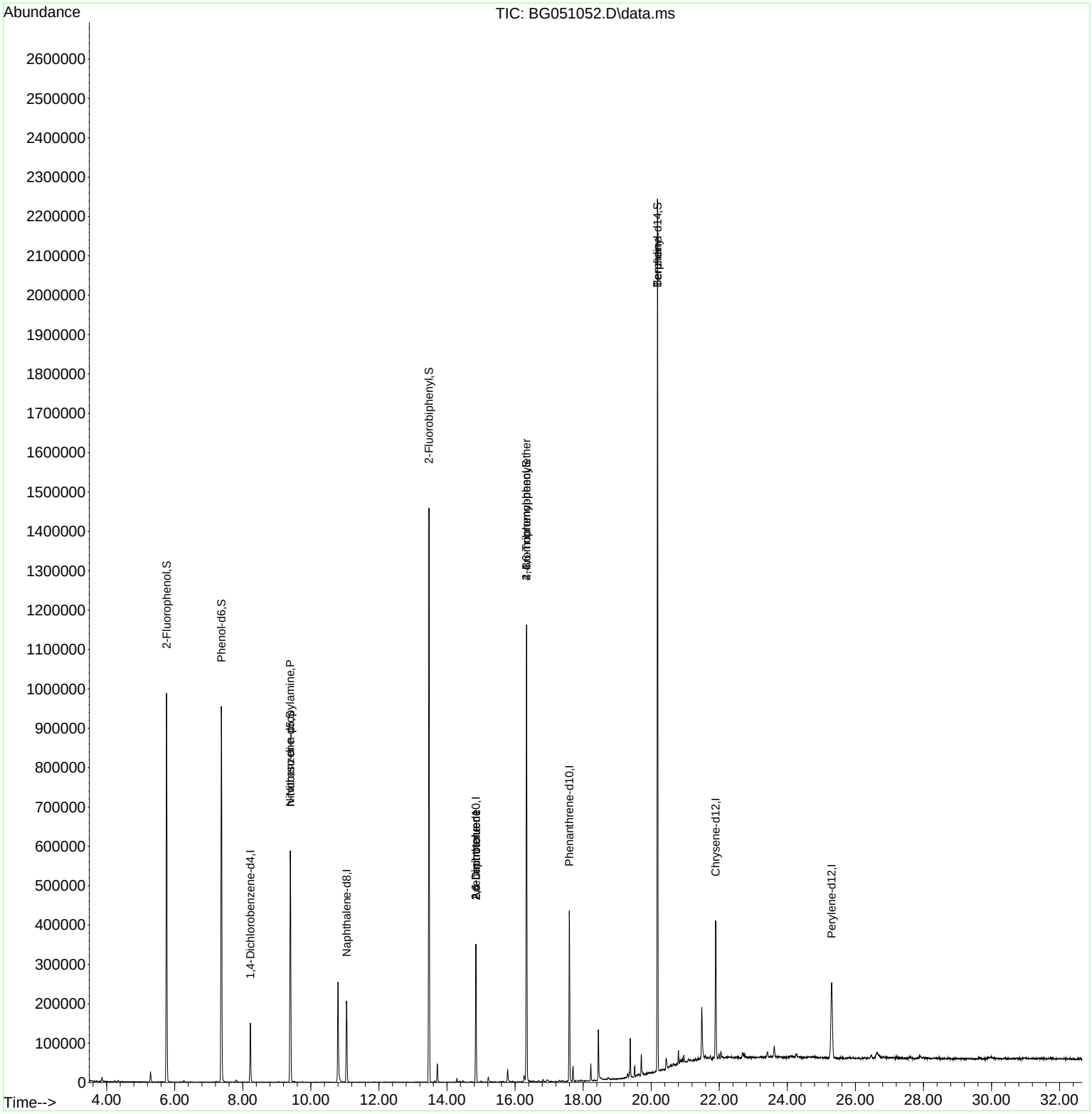
(#) = qualifier out of range (m) = manual integration (+) = signals summed

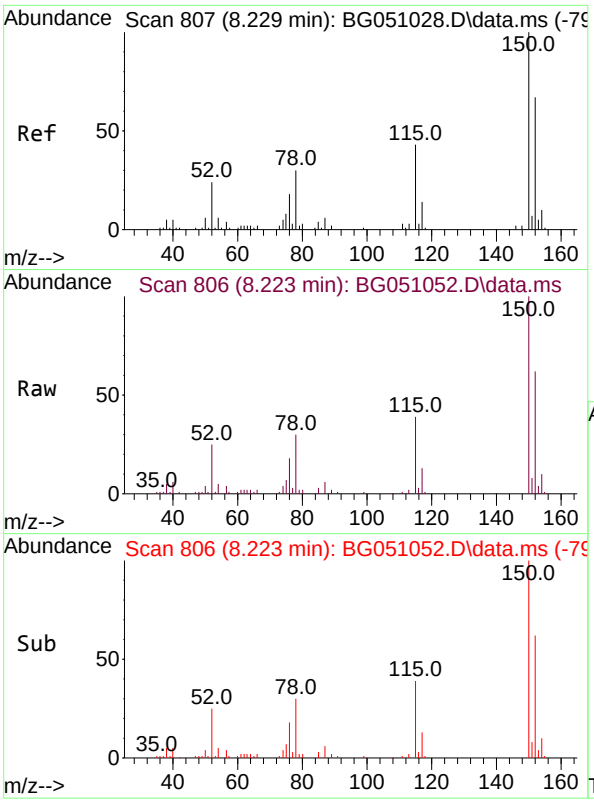
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051052.D
Acq On : 15 Nov 2021 22:08
Operator : CG/JU
Sample : M4681-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Nov 16 00:41:24 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



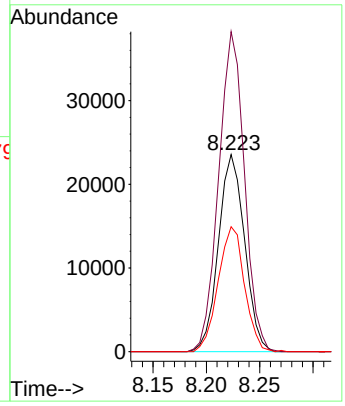


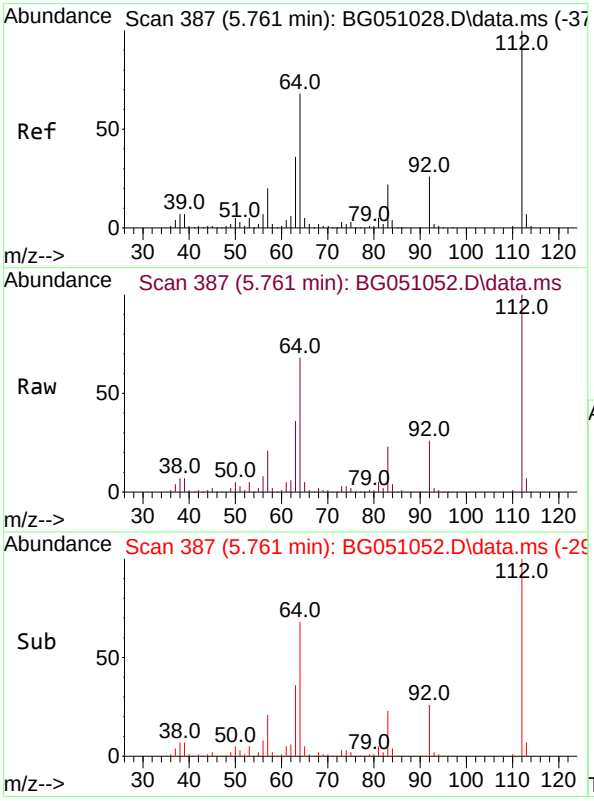
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 40190

Ion	Ratio	Lower	Upper
152	100		
150	162.3	119.4	179.0
115	63.4	60.2	90.4

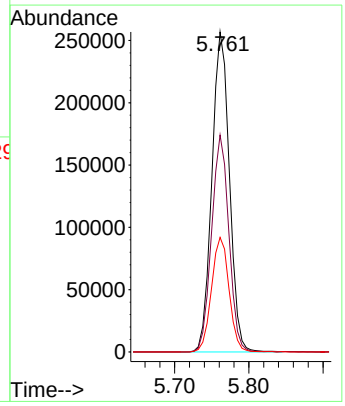


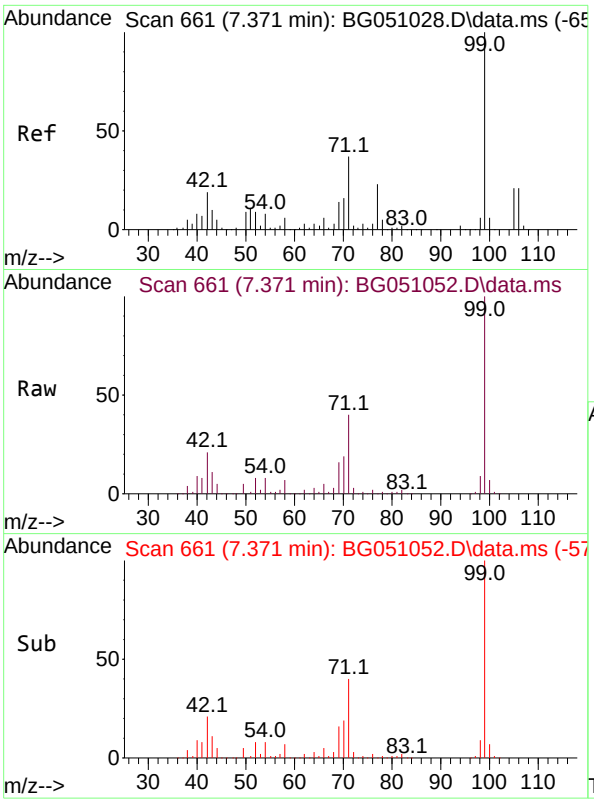


#5
2-Fluorophenol
Concen: 156.790 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.000 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion:112 Resp: 421244

Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.7	70.1
63	35.8	35.3	52.9



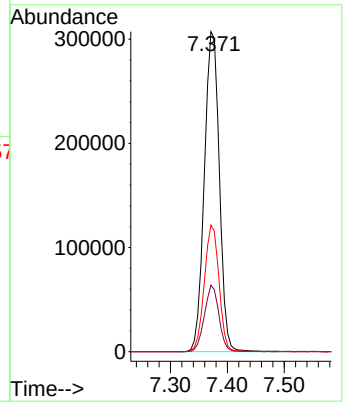


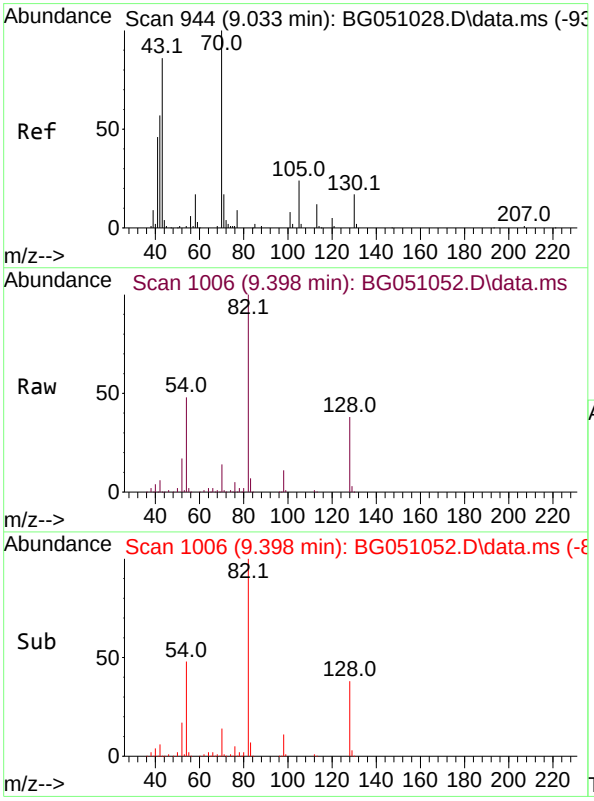
#7
Phenol-d6
Concen: 148.458 ng
RT: 7.371 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 562969

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.5	30.7
71	39.5	41.5	62.3#

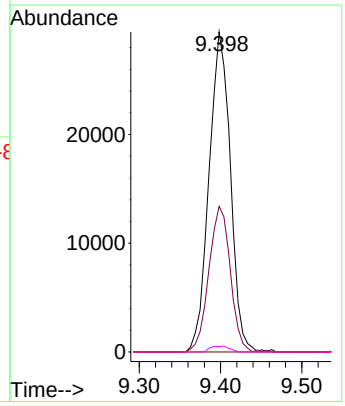


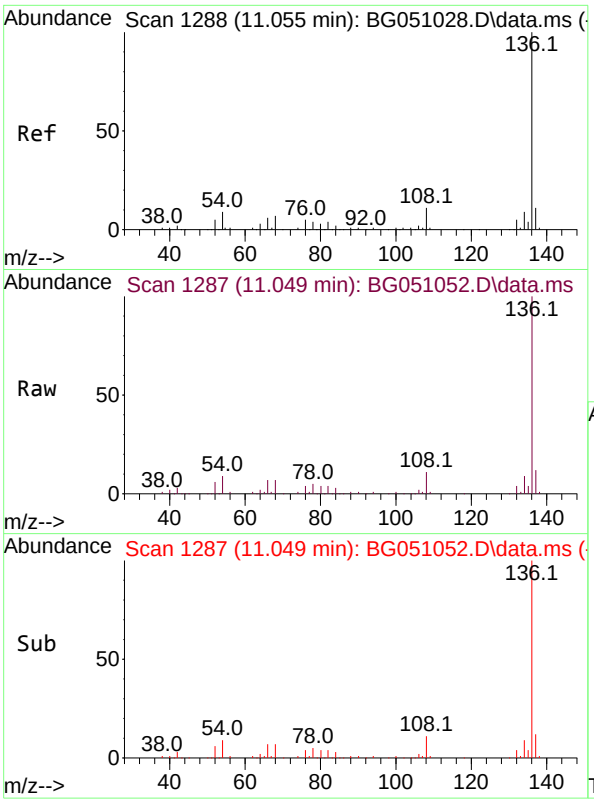


#19
n-Nitroso-di-n-propylamine
Concen: 19.168 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion: 70 Resp: 53714

Ion	Ratio	Lower	Upper
70	100		
42	45.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.7	17.0	25.6#



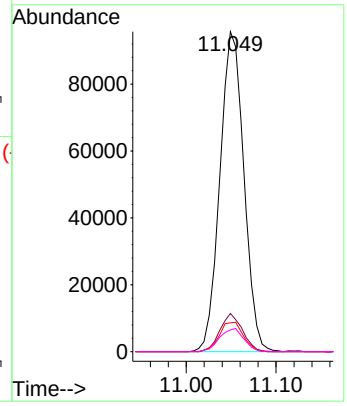


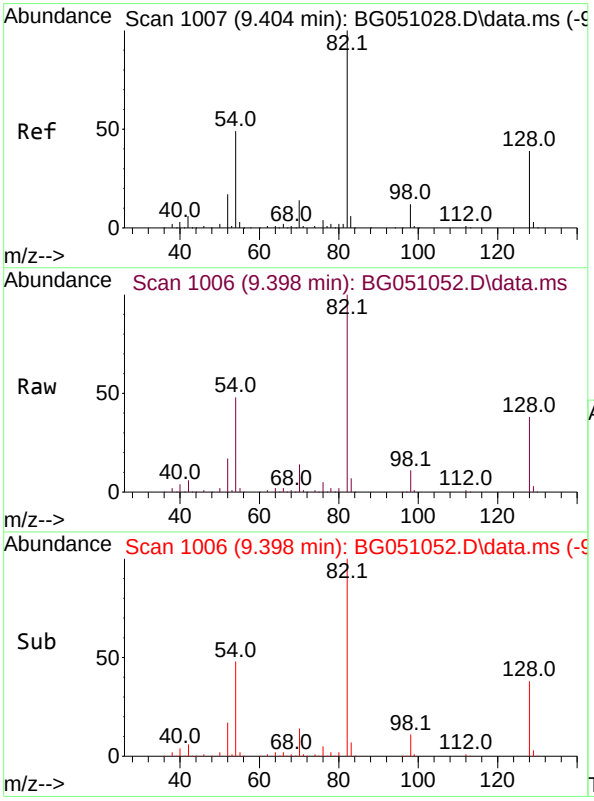
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:136 Resp: 177377

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.2
54	9.0	5.5	8.3#
68	6.8	2.3	3.5#

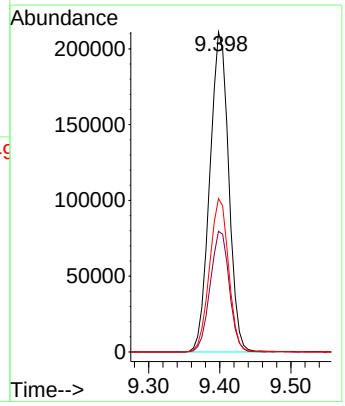


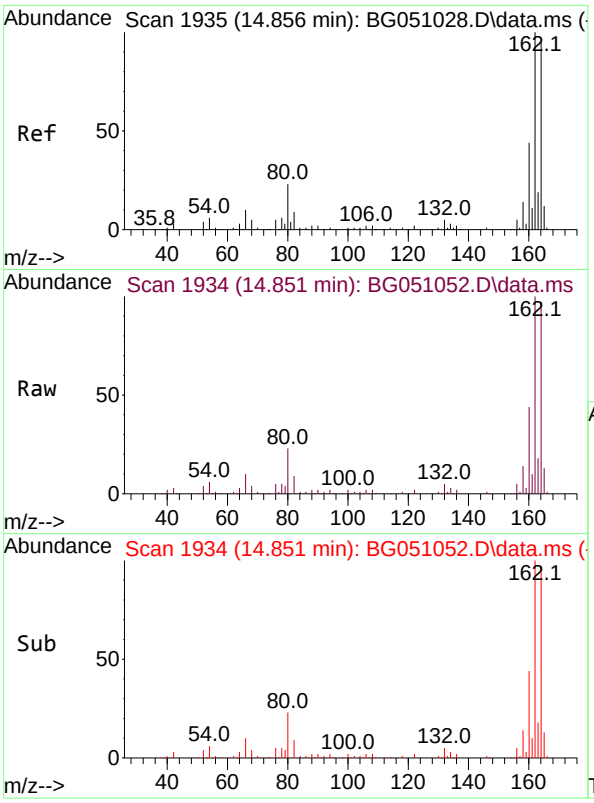


#23
Nitrobenzene-d5
Concen: 97.611 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion: 82 Resp: 391129

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.8	44.6
54	47.9	45.8	68.8



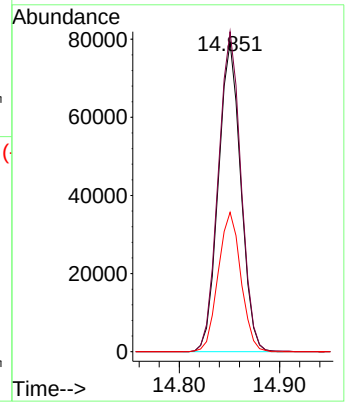


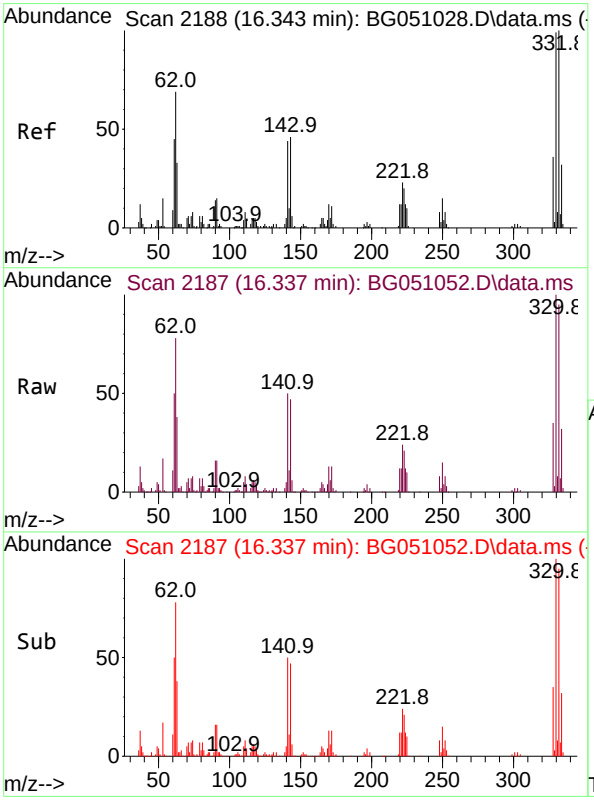
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:164 Resp: 122234

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	45.0	34.9	52.3

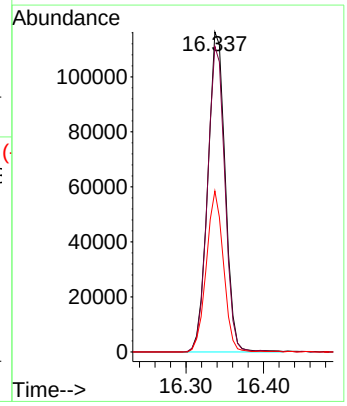


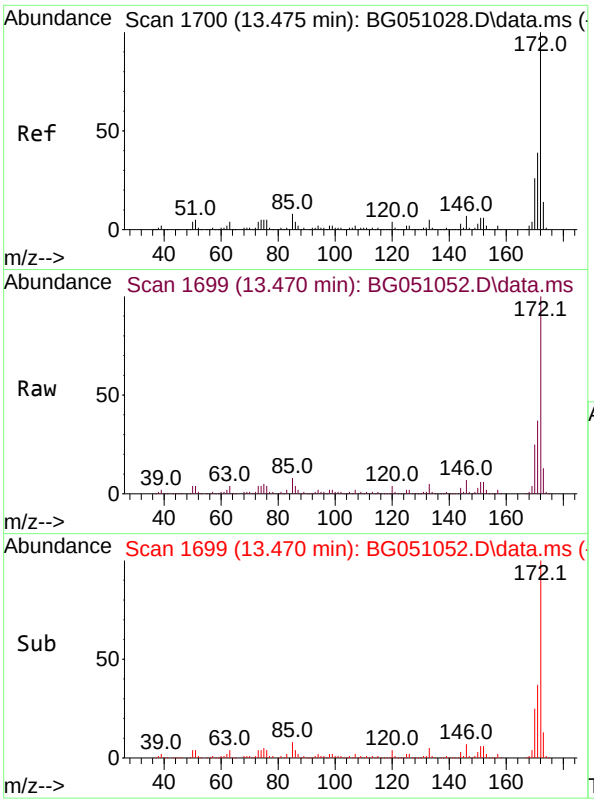


#42
2,4,6-Tribromophenol
Concen: 148.556 ng
RT: 16.337 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion:330 Resp: 181718

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	49.2	35.6	53.4



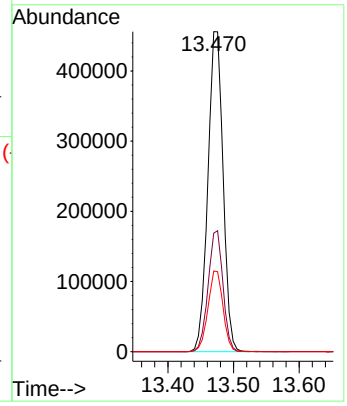


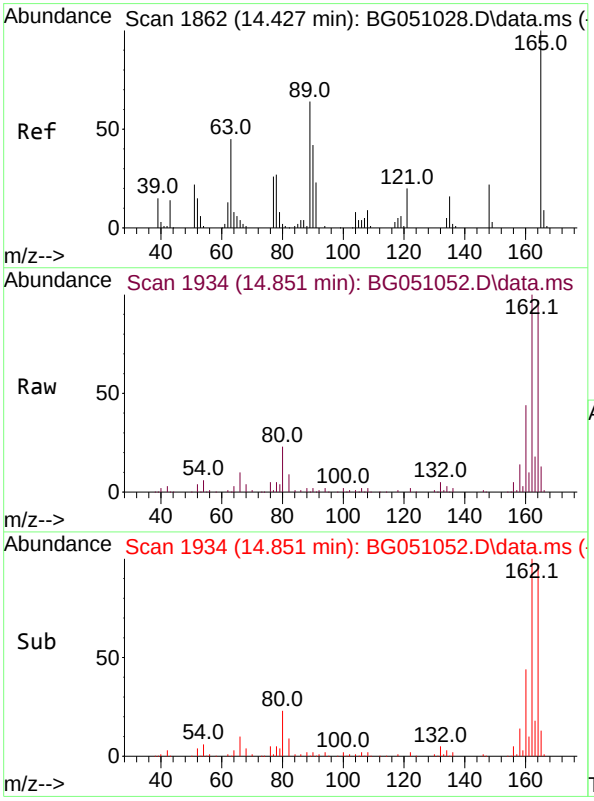
#45
2-Fluorobiphenyl
Concen: 94.873 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:172 Resp: 733955

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	25.2	18.6	27.8

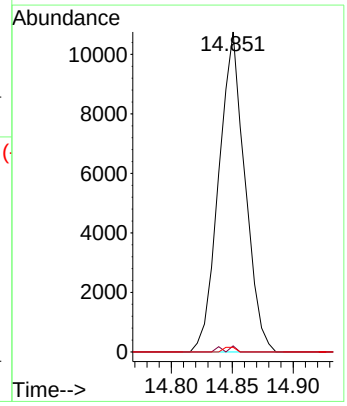


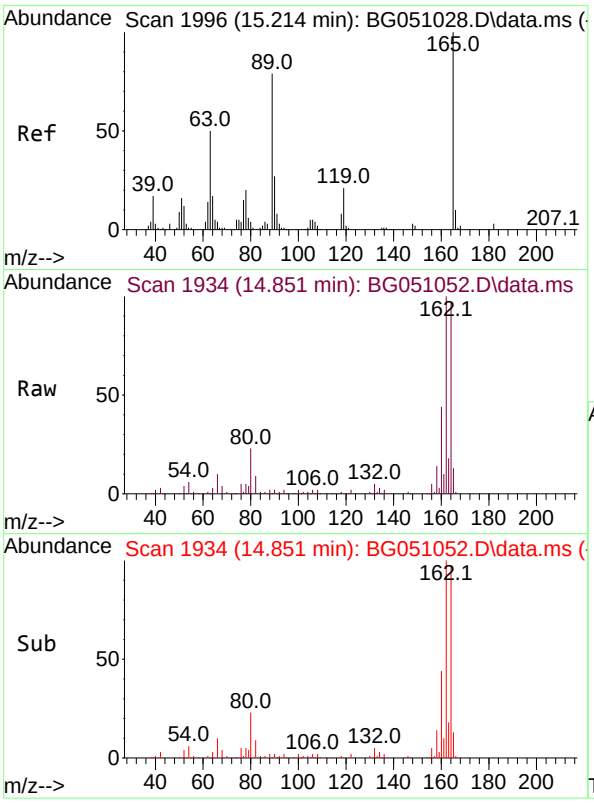


#51
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion:165 Resp: 16072

Ion	Ratio	Lower	Upper
165	100		
63	1.9	63.3	94.9#
89	1.5	63.4	95.0#



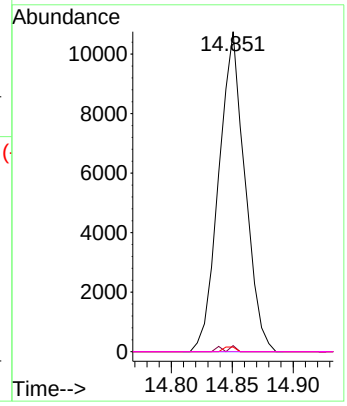


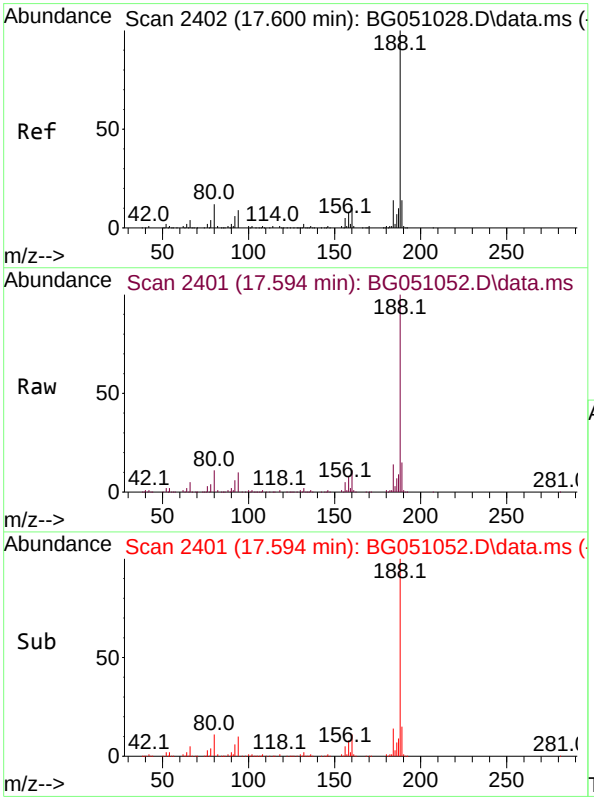
#57
2,4-Dinitrotoluene
Concen: 5.723 ng
RT: 14.851 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:165 Resp: 16072

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.0	72.0#
89	1.5	65.4	98.0#
182	0.0	2.0	3.0#

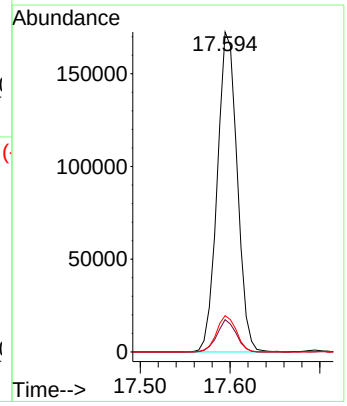


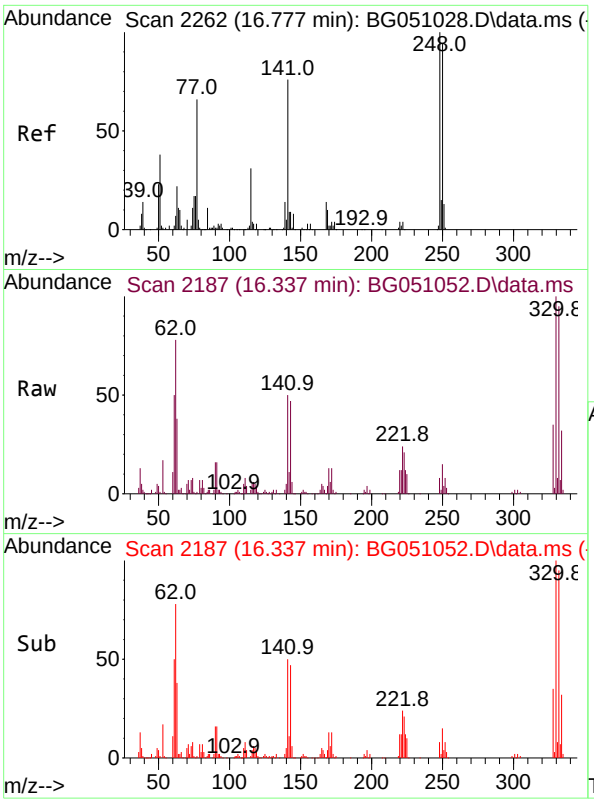


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.594 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion:188 Resp: 265823

Ion	Ratio	Lower	Upper
188	100		
94	10.1	5.4	8.0#
80	11.4	3.7	5.5#



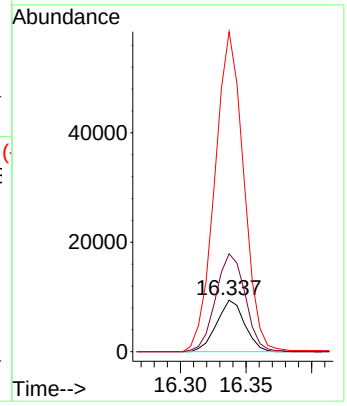


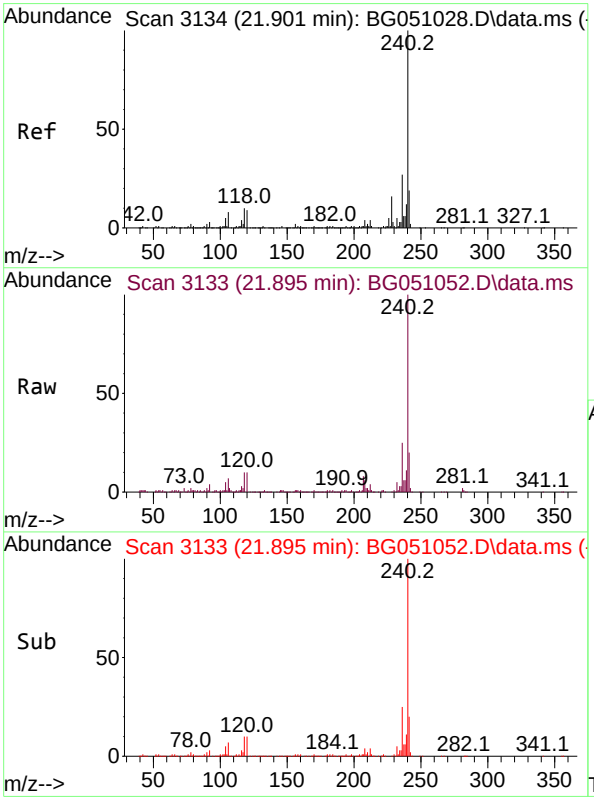
#67
4-Bromophenyl-phenylether
Concen: 5.004 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:248 Resp: 13933

Ion	Ratio	Lower	Upper
248	100		
250	189.9	76.1	114.1#
141	620.8	65.4	98.2#

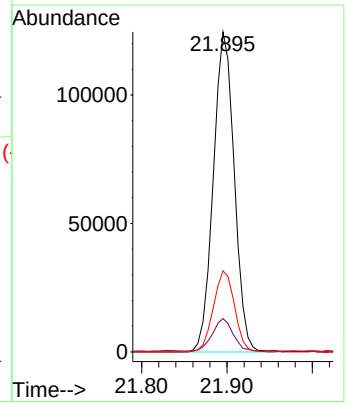


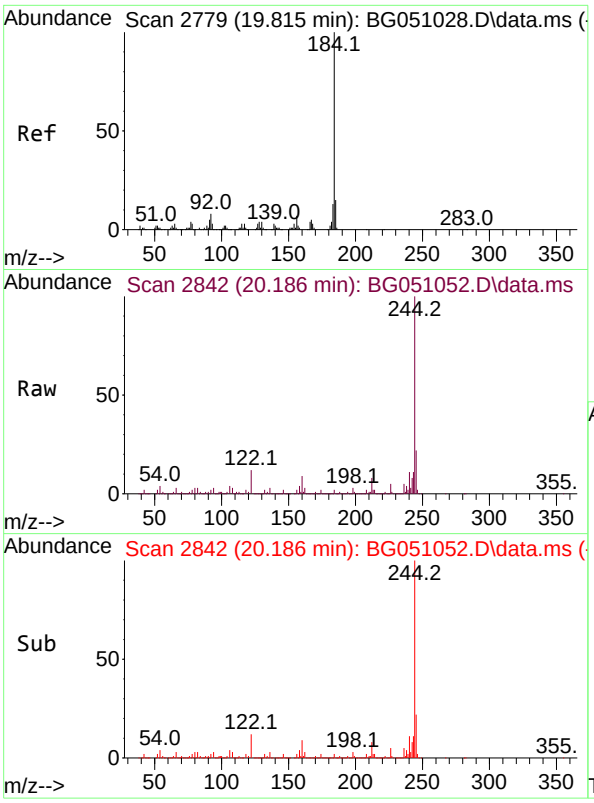


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion:240 Resp: 212517

Ion	Ratio	Lower	Upper
240	100		
120	10.5	4.2	6.2#
236	25.4	21.8	32.6



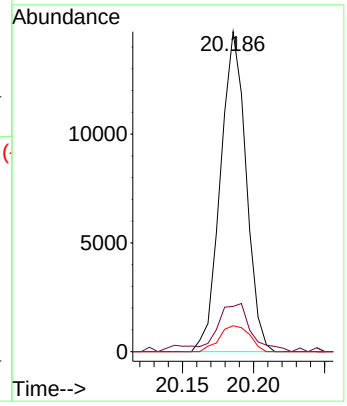


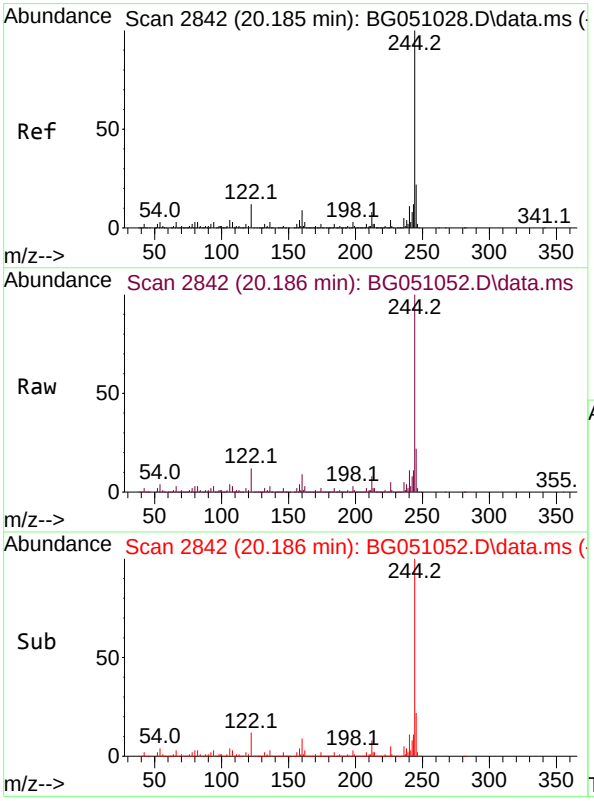
#77
Benzidine
Concen: 4.584 ng
RT: 20.186 min Scan# 2
Delta R.T. 0.371 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:184 Resp: 18415

Ion	Ratio	Lower	Upper
184	100		
185	14.2	10.7	16.1
183	8.1	9.4	14.0#

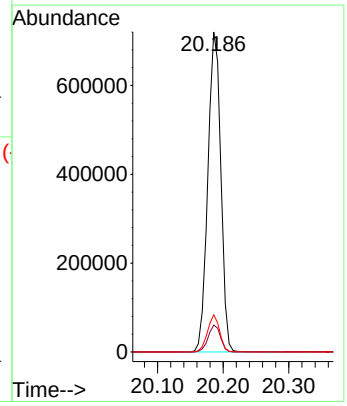


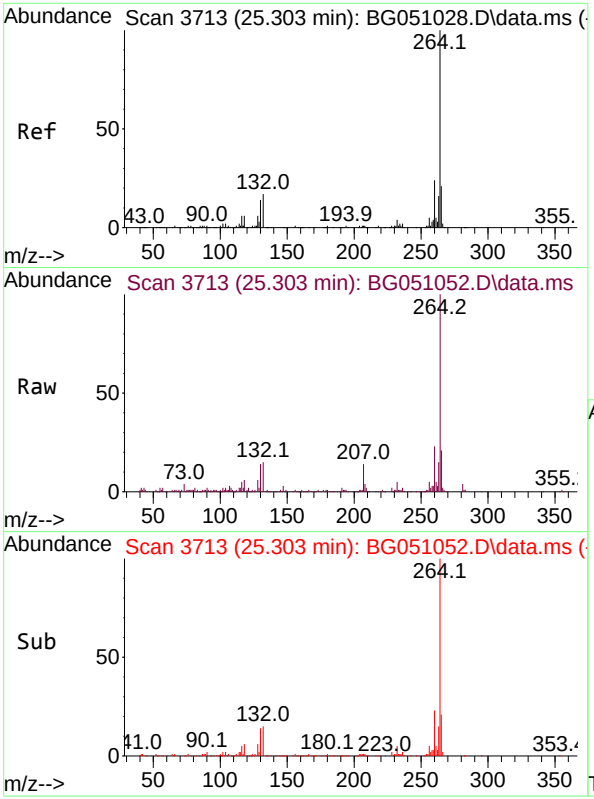


#79
Terphenyl-d14
Concen: 85.325 ng
RT: 20.186 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Tgt Ion:244 Resp: 990995

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	11.6	5.0	7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.303 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG051052.D
Acq: 15 Nov 2021 22:08

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:264 Resp: 208014

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.2
265	21.4	16.9	25.3