Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
Data File : BG053387.D
Acq On : 29 Apr 2022 21:32
Operator : CG/JU
Sample : N2609-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-2

Quant Time: May 02 01:04:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	17694	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	69191	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	54267	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	155854	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	189675	20.000	ng	-0.01
86) Perylene-d12	25.047	264	192214	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	152753	147.986	ng	0.00
7) Phenol-d6	7.265	99	198462	124.679	ng	0.00
23) Nitrobenzene-d5	9.262	82	167301	98.177	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	139103	161.117	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	367815	93.460	ng	0.00
79) Terphenyl-d14	20.077	244	1033929	92.063	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.262	70	23142	19.858	ng	# 79
51) 2,6-Dinitrotoluene	14.725	165	6660	7.355	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	6660	5.166	ng	# 22
67) 4-Bromophenyl-phenylether	16.211	248	9478	4.746	ng	# 1
77) Benzidine	19.695	184	88246	16.306	ng	98

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

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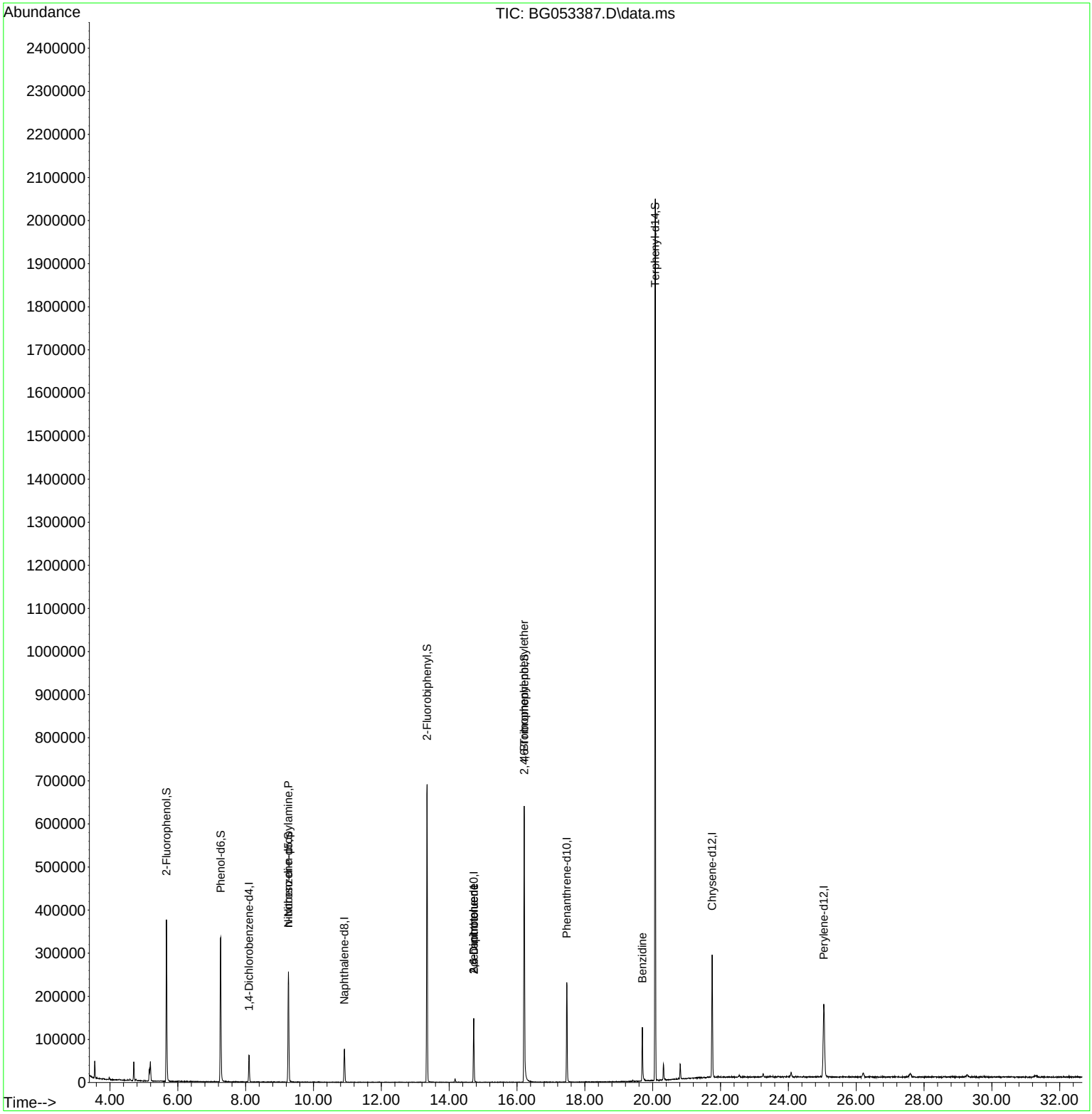
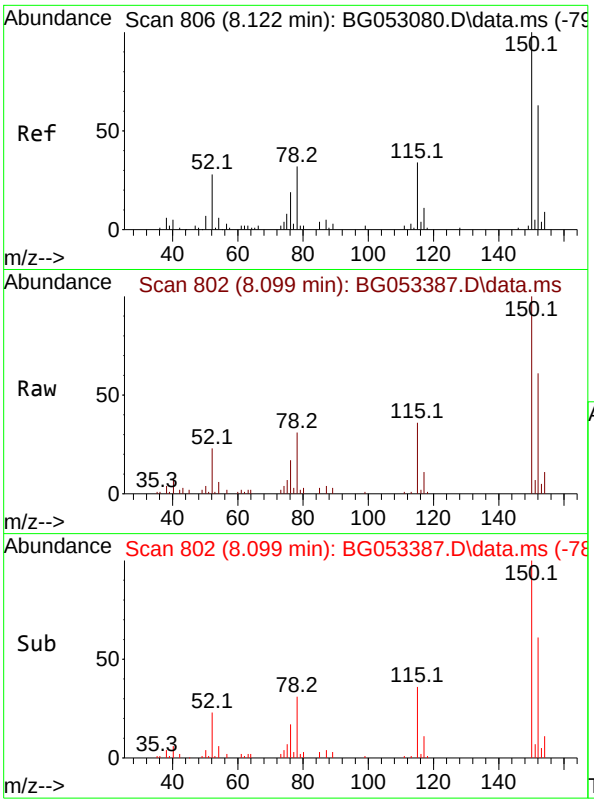


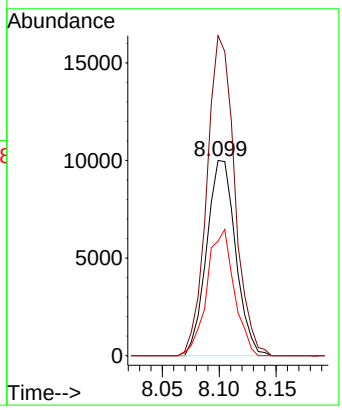


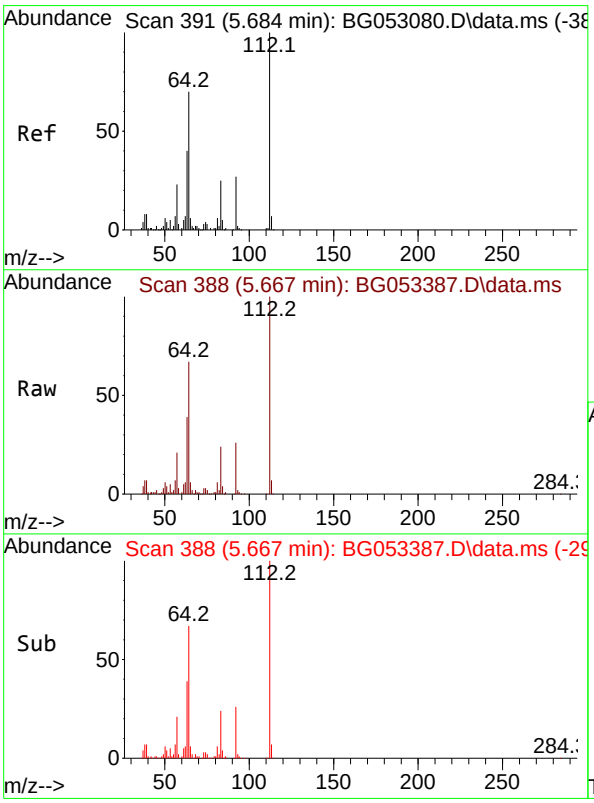
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 17694

Ion	Ratio	Lower	Upper
152	100		
150	163.9	114.6	172.0
115	58.6	45.9	68.9

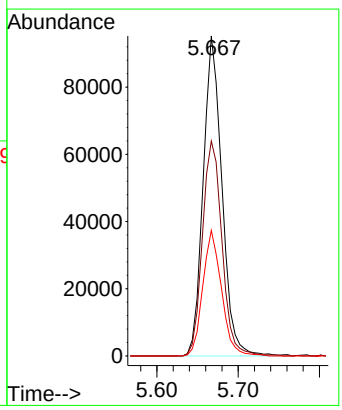


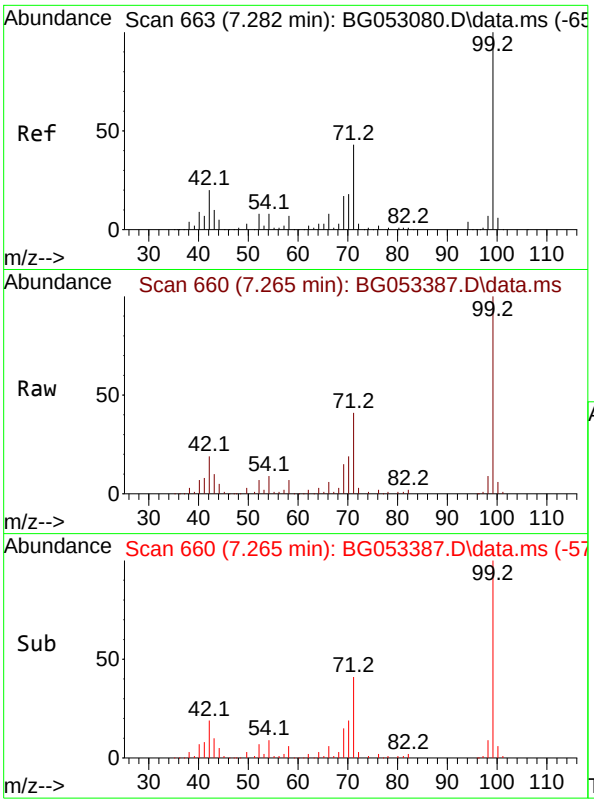


#5
2-Fluorophenol
Concen: 147.986 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:112 Resp: 152753

Ion	Ratio	Lower	Upper
112	100		
64	67.1	48.0	72.0
63	39.3	26.5	39.7



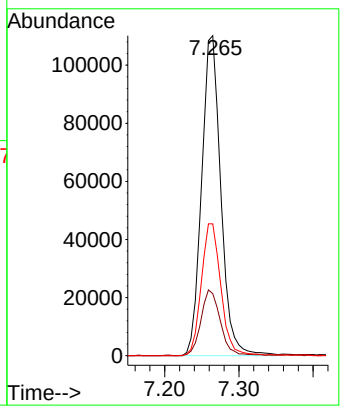


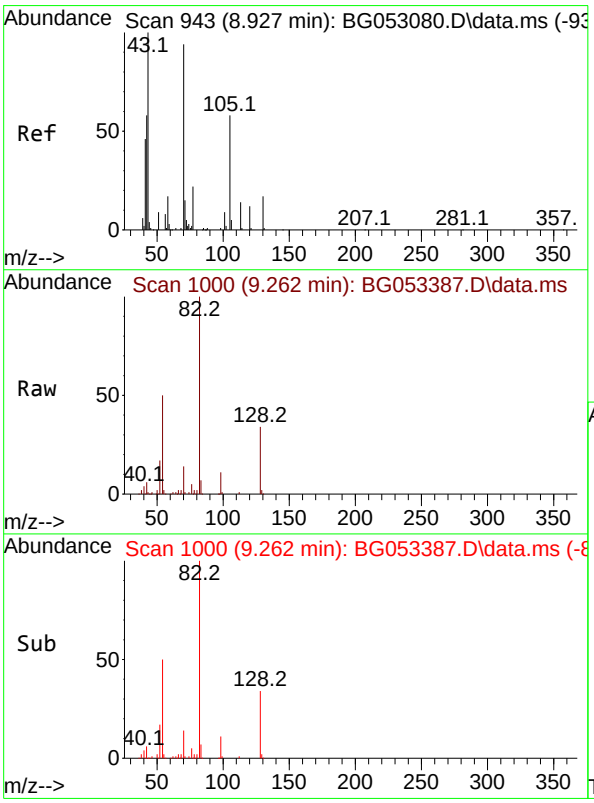
#7
Phenol-d6
Concen: 124.679 ng
RT: 7.265 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 198462

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.7	22.1
71	41.2	29.2	43.8

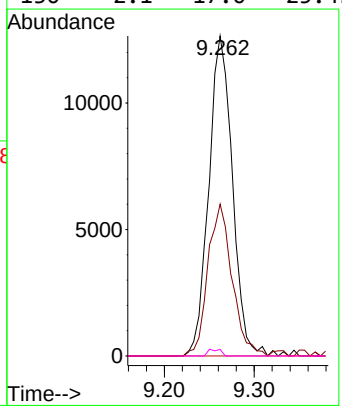


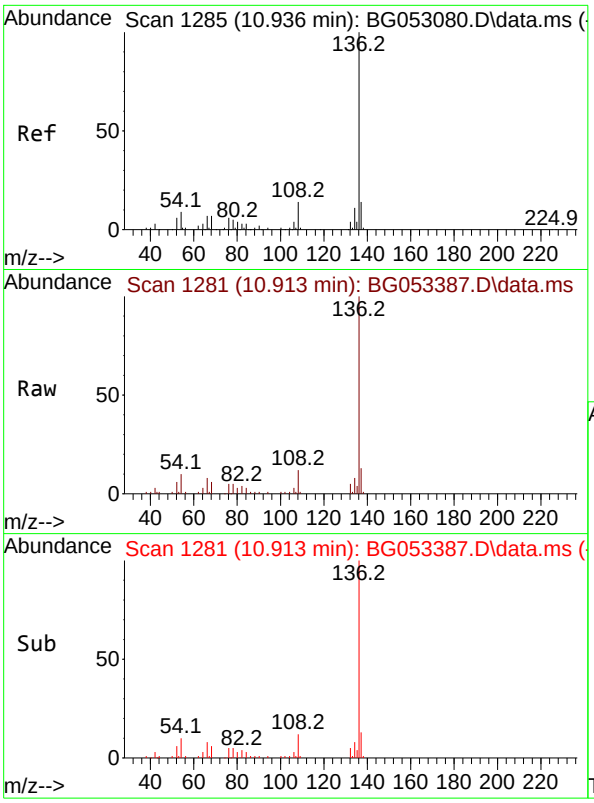


#19
n-Nitroso-di-n-propylamine
Concen: 19.858 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion: 70 Resp: 23142

Ion	Ratio	Lower	Upper
70	100		
42	47.4	46.0	69.0
101	0.0	6.2	9.4#
130	2.1	17.0	25.4#



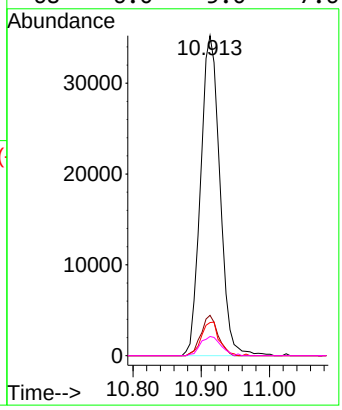


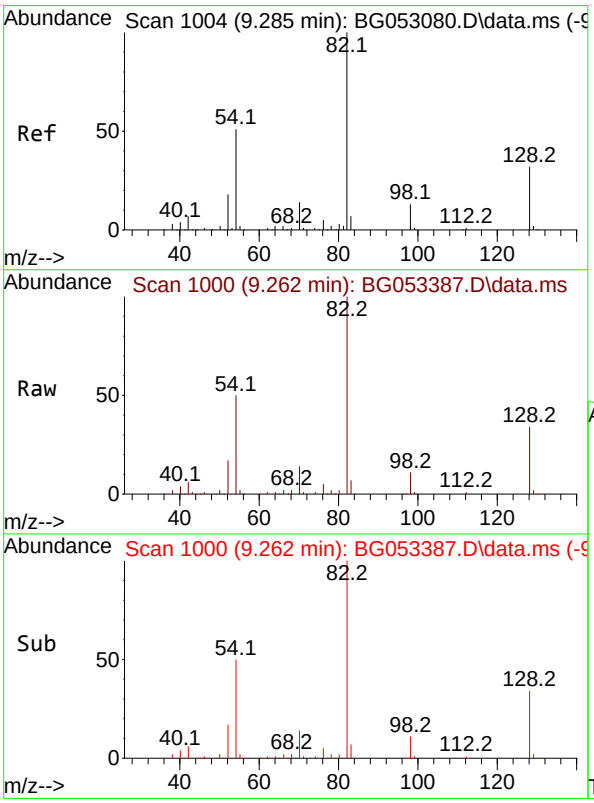
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:136 Resp: 69191

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.4	14.2
54	10.4	6.4	9.6#
68	6.0	5.0	7.6

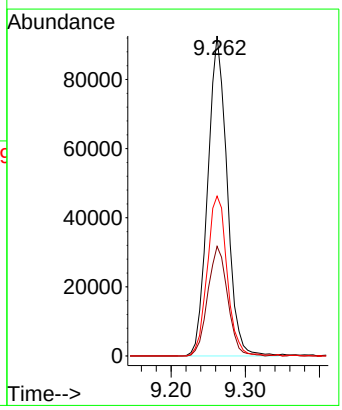


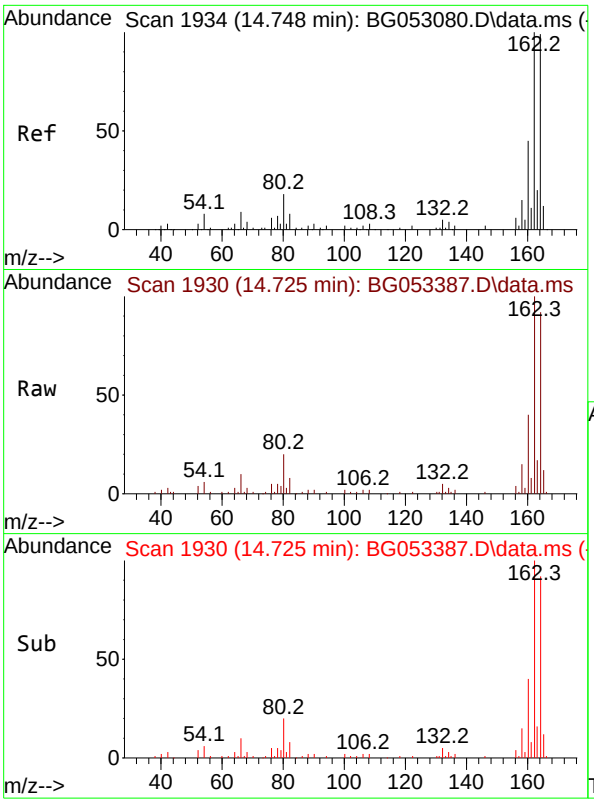


#23
Nitrobenzene-d5
Concen: 98.177 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion: 82 Resp: 167301

Ion	Ratio	Lower	Upper
82	100		
128	34.2	31.3	46.9
54	49.9	37.8	56.8



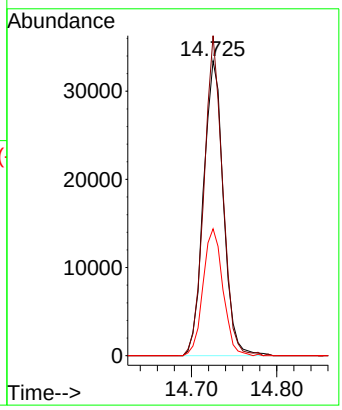


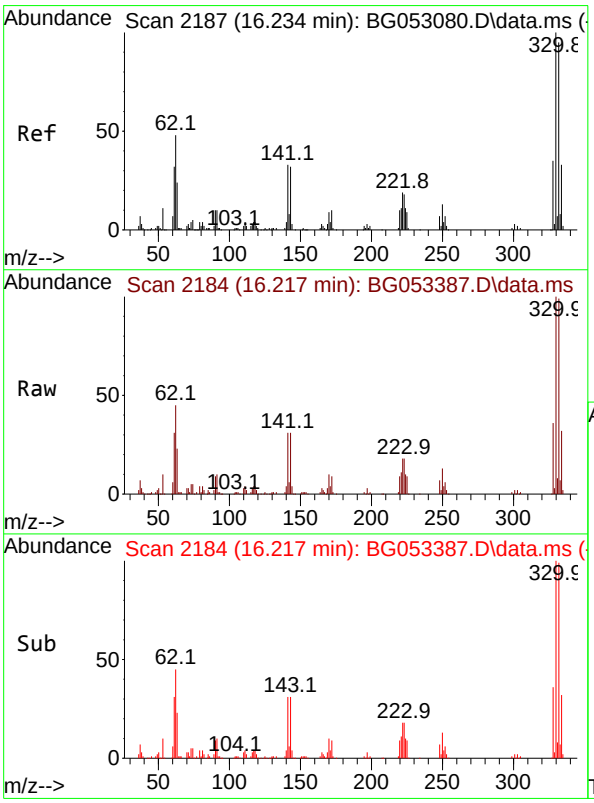
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:164 Resp: 54267

Ion	Ratio	Lower	Upper
164	100		
162	108.4	80.0	120.0
160	43.0	38.8	58.2

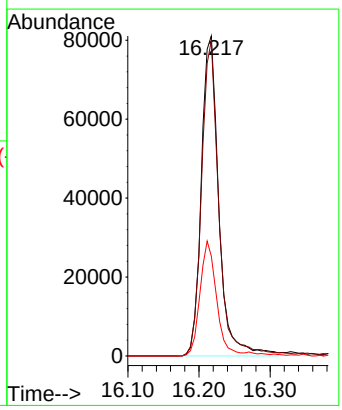


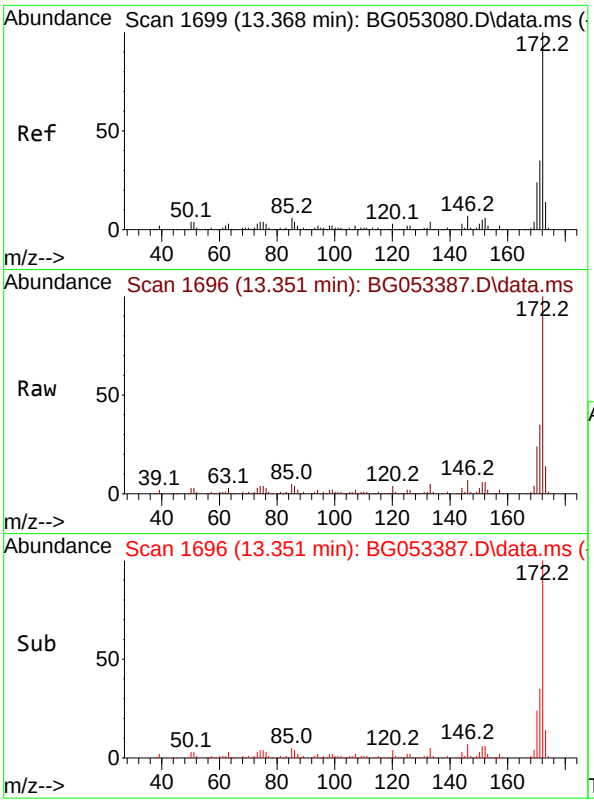


#42
2,4,6-Tribromophenol
Concen: 161.117 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:330 Resp: 139103

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.8	113.6
141	33.8	24.6	36.8



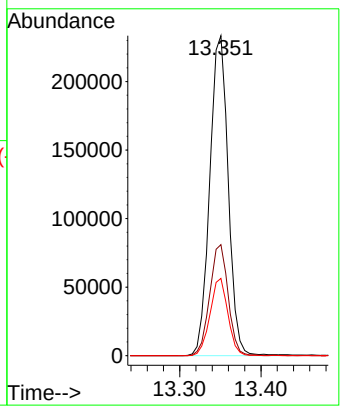


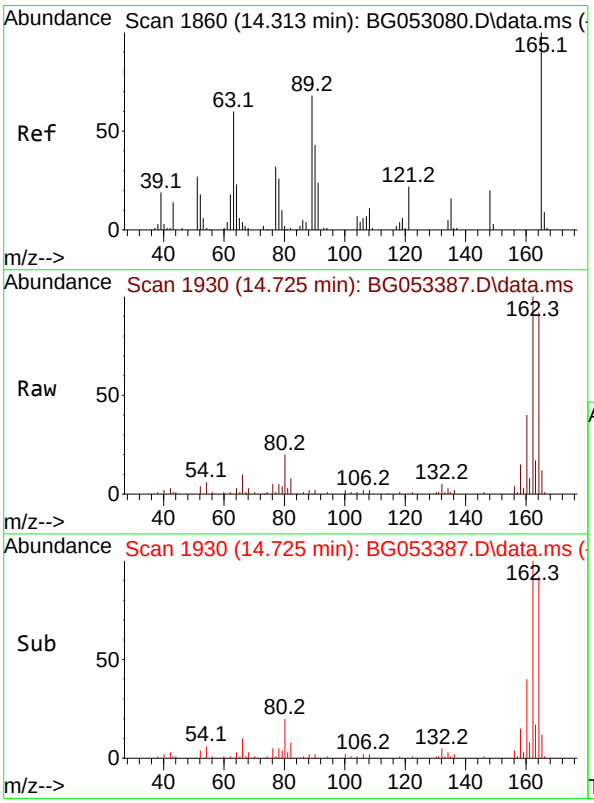
#45
2-Fluorobiphenyl
Concen: 93.460 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:172 Resp: 367815

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	24.1	18.0	27.0

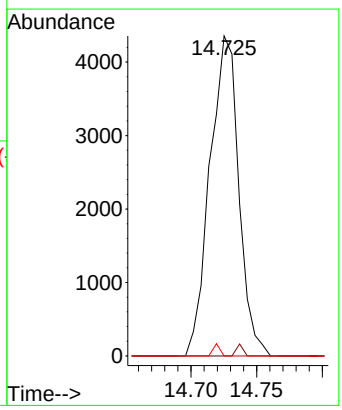


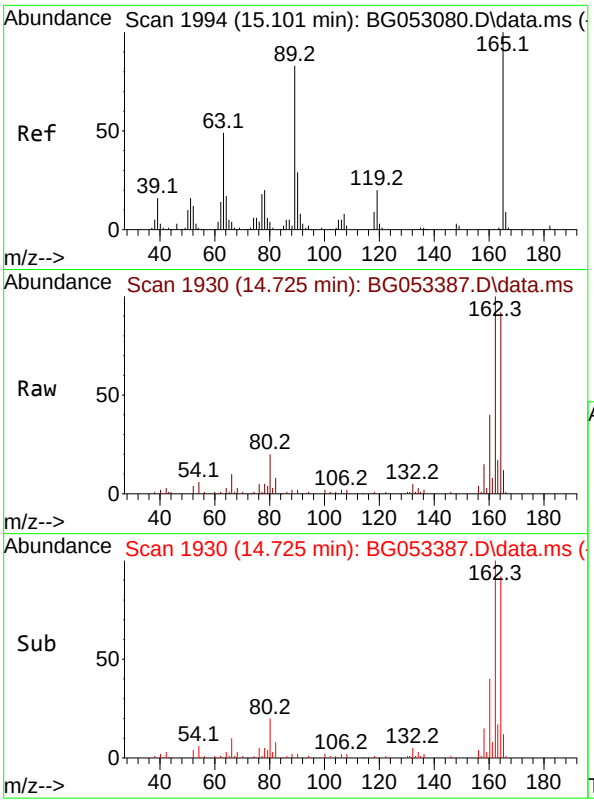


#51
2,6-Dinitrotoluene
Concen: 7.355 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:165 Resp: 6660

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



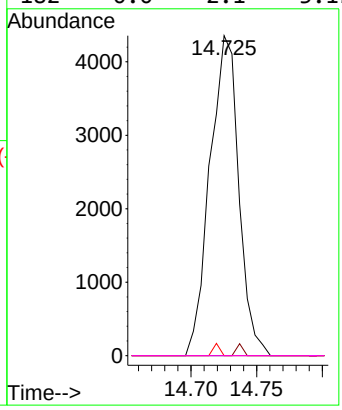


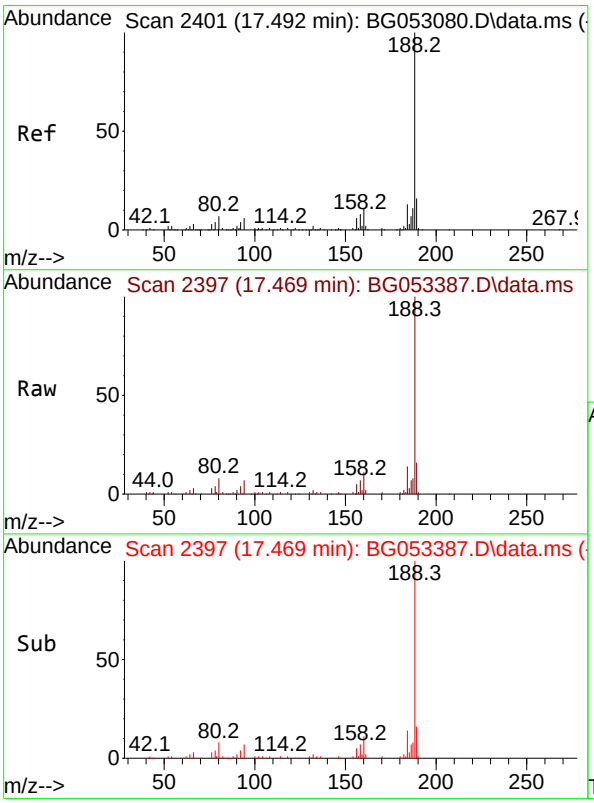
#57
2,4-Dinitrotoluene
Concen: 5.166 ng
RT: 14.725 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:165 Resp: 6660

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#

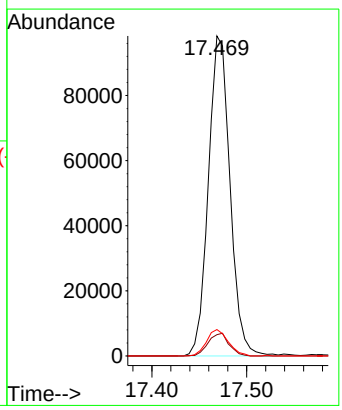


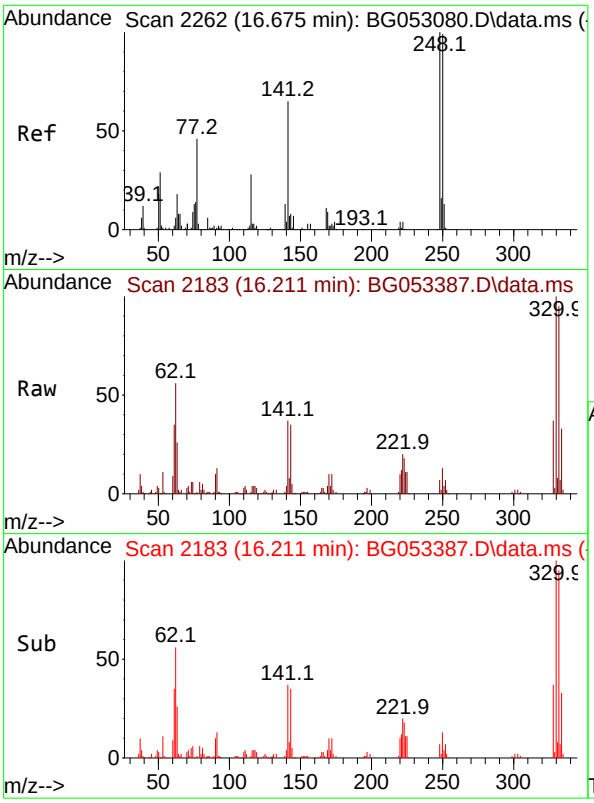


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.015 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:188 Resp: 155854

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	8.2	7.2	10.8



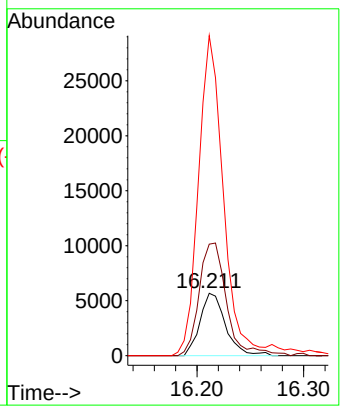


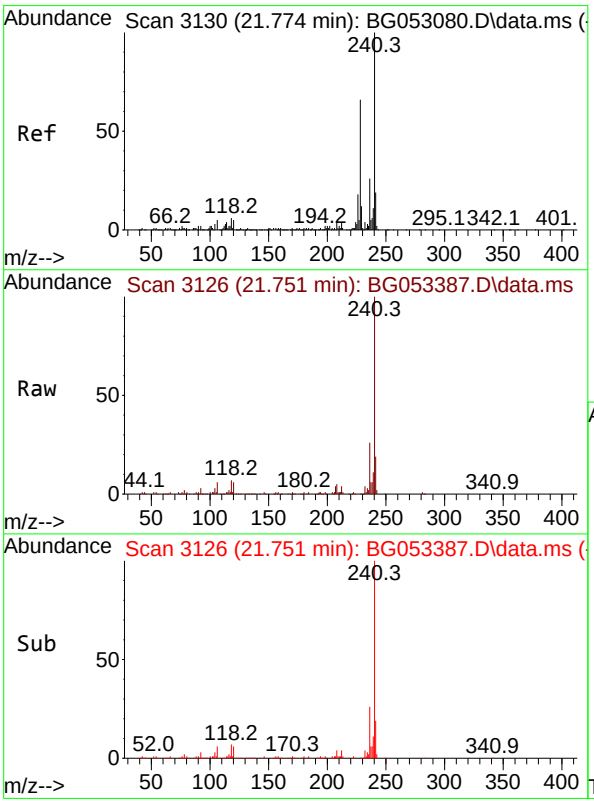
#67
4-Bromophenyl-phenylether
Concen: 4.746 ng
RT: 16.211 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:248 Resp: 9478

Ion	Ratio	Lower	Upper
248	100		
250	178.8	77.9	116.9#
141	512.9	49.2	73.8#

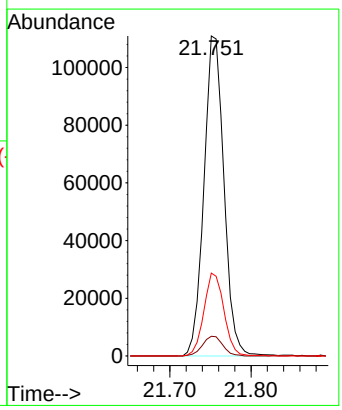


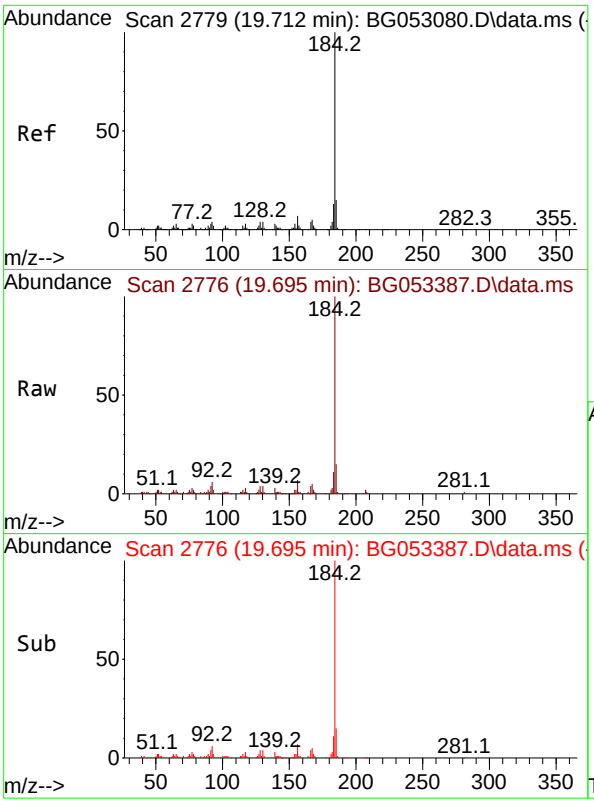


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.015 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:240 Resp: 189675

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.0
236	25.9	19.8	29.6



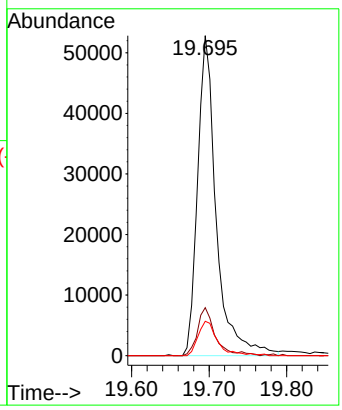


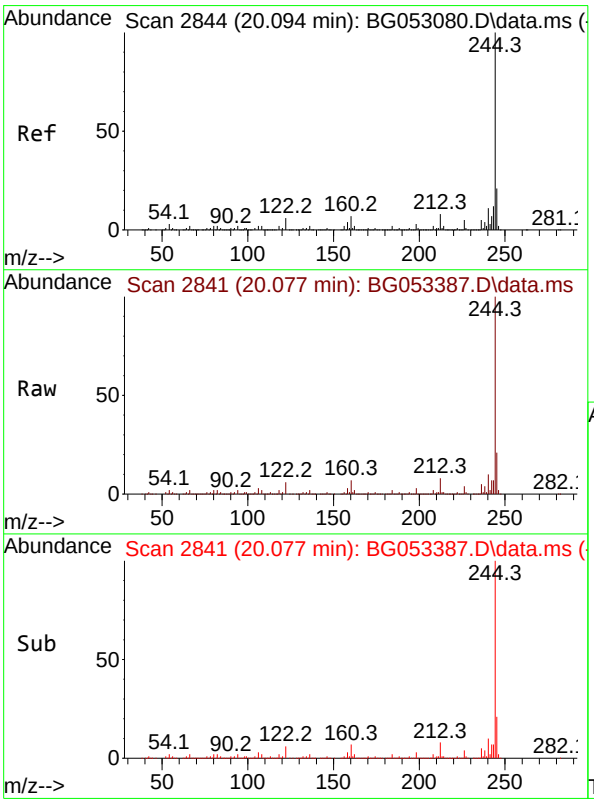
#77
Benzidine
Concen: 16.306 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:184 Resp: 88246

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.5	17.3
183	10.7	9.4	14.2

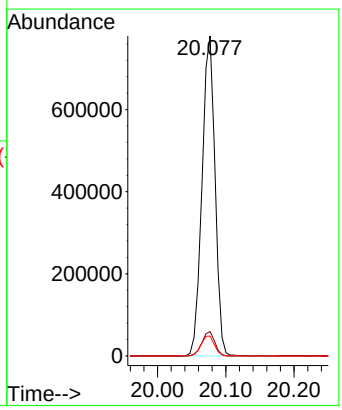


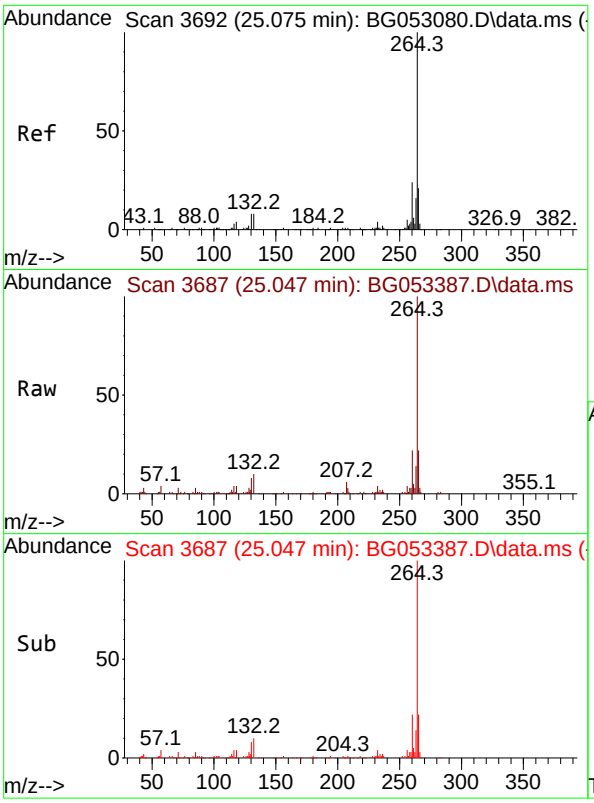


#79
Terphenyl-d14
Concen: 92.063 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:244 Resp: 1033929

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	6.2	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:264 Resp: 192214

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.5	15.1	22.7