Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053269.D
Acq On : 22 Apr 2022 20:17
Operator : CG/JU
Sample : N2494-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1S

Quant Time: Apr 24 01:16:09 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	8.107	152	27773	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	108230	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	80055	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	207669	20.000	ng	0.00
76) Chrysene-d12	21.759	240	215679	20.000	ng	0.00
86) Perylene-d12	25.061	264	215033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	210809	130.114	ng	0.00
7) Phenol-d6	7.273	99	271086	108.500	ng	0.00
23) Nitrobenzene-d5	9.270	82	241292	90.523	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	186005	146.042	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	528931	91.106	ng	0.00
79) Terphenyl-d14	20.079	244	1159987	90.834	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.270	70	33879	18.521	ng	# 74
51) 2,6-Dinitrotoluene	14.728	165	11022	8.251	ng	# 24
57) 2,4-Dinitrotoluene	14.728	165	11022	5.796	ng	# 22
67) 4-Bromophenyl-phenylether	16.220	248	12585	4.729	ng	# 1
77) Benzidine	20.079	184	19364	3.147	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053269.D
Acq On : 22 Apr 2022 20:17
Operator : CG/JU
Sample : N2494-02
Misc :
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Instrument :
BNA_G
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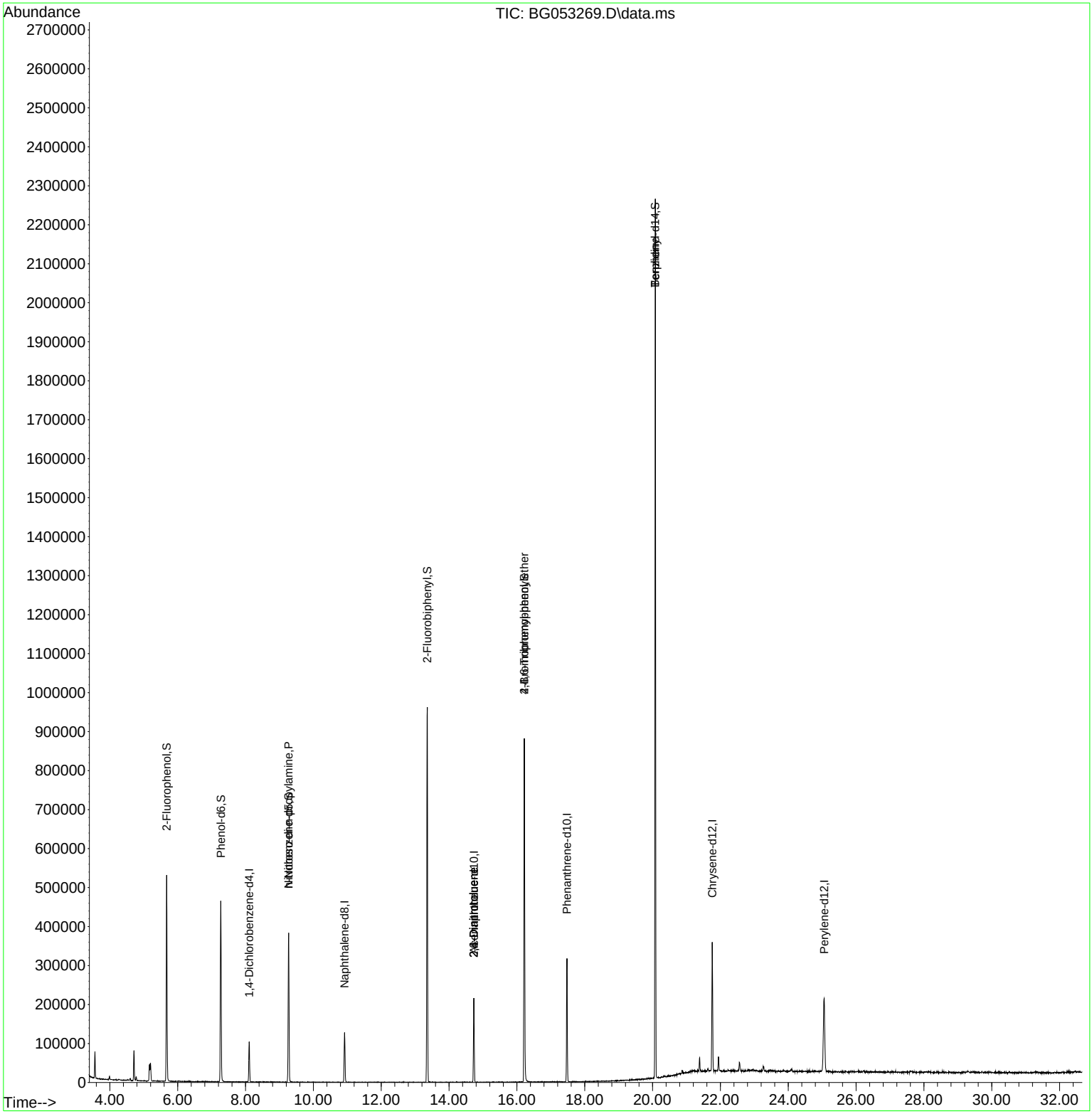
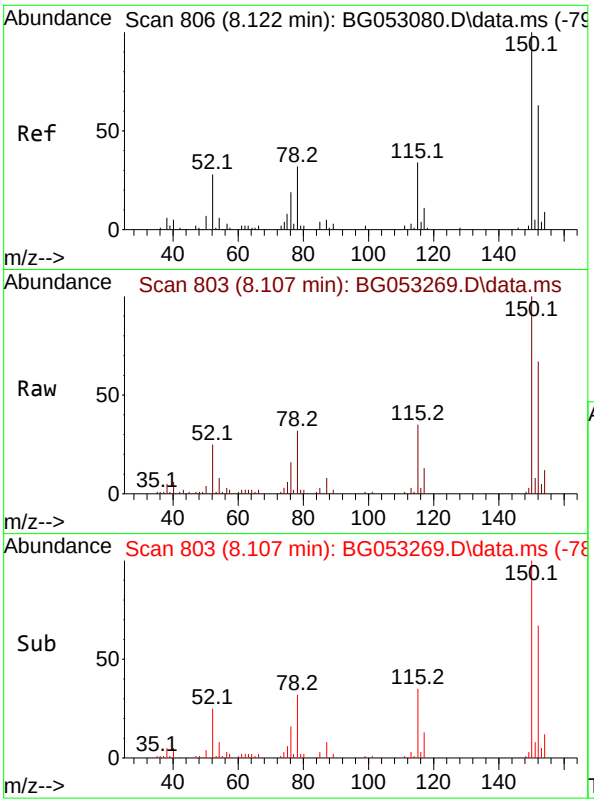
Quant Time: Apr 24 01:16:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration



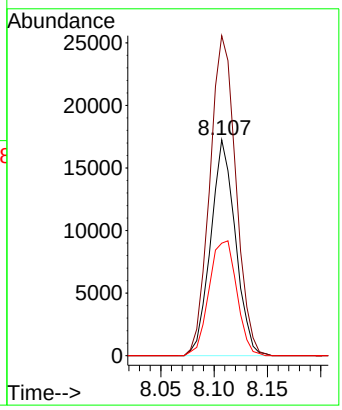


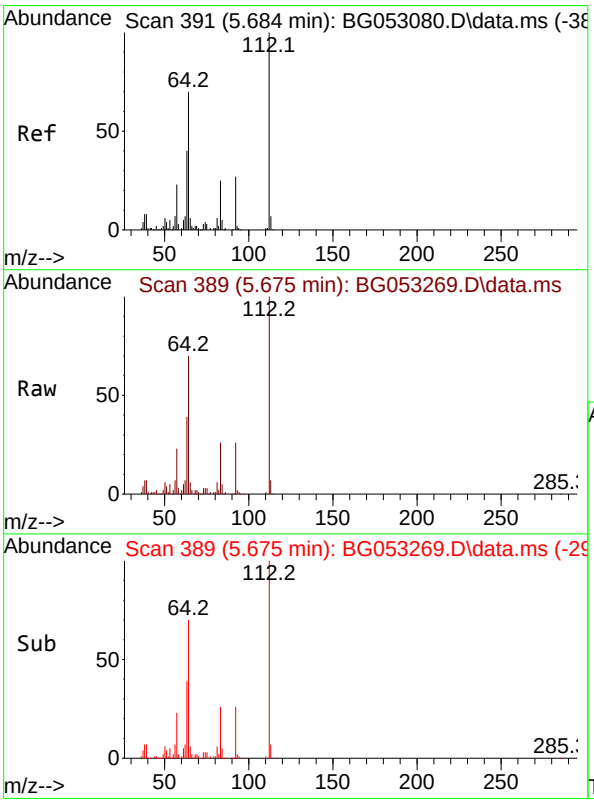
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:152 Resp: 27773

Ion	Ratio	Lower	Upper
152	100		
150	148.2	114.6	172.0
115	52.1	45.9	68.9

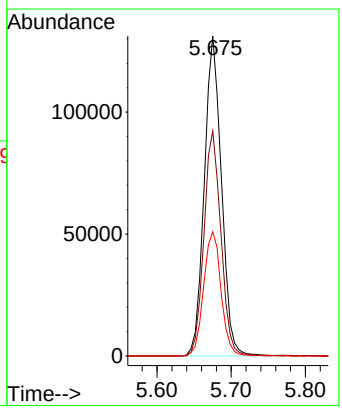


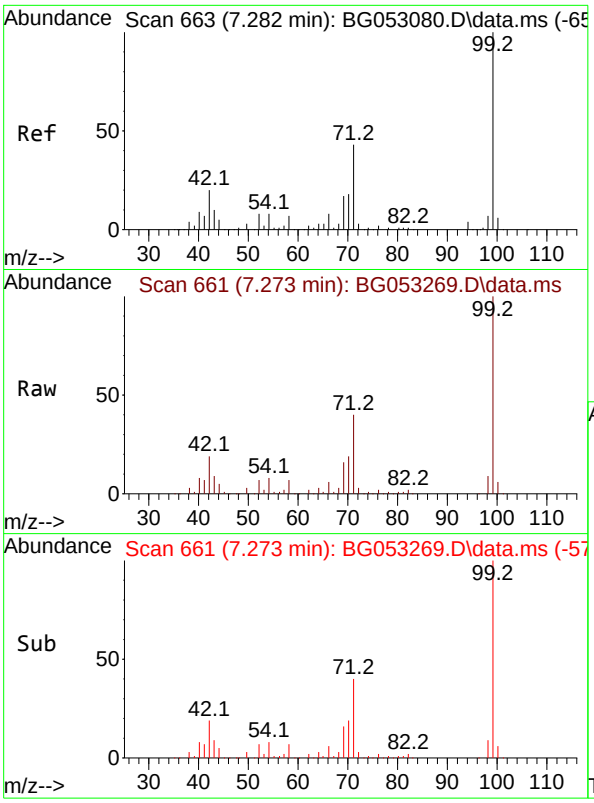


#5
2-Fluorophenol
Concen: 130.114 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:112 Resp: 210809

Ion	Ratio	Lower	Upper
112	100		
64	70.3	48.0	72.0
63	38.8	26.5	39.7



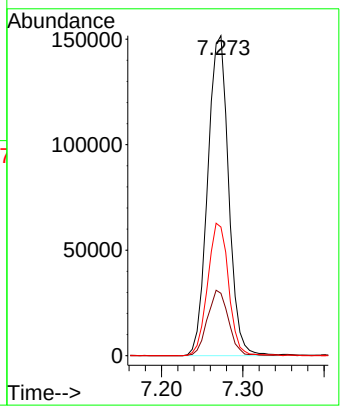


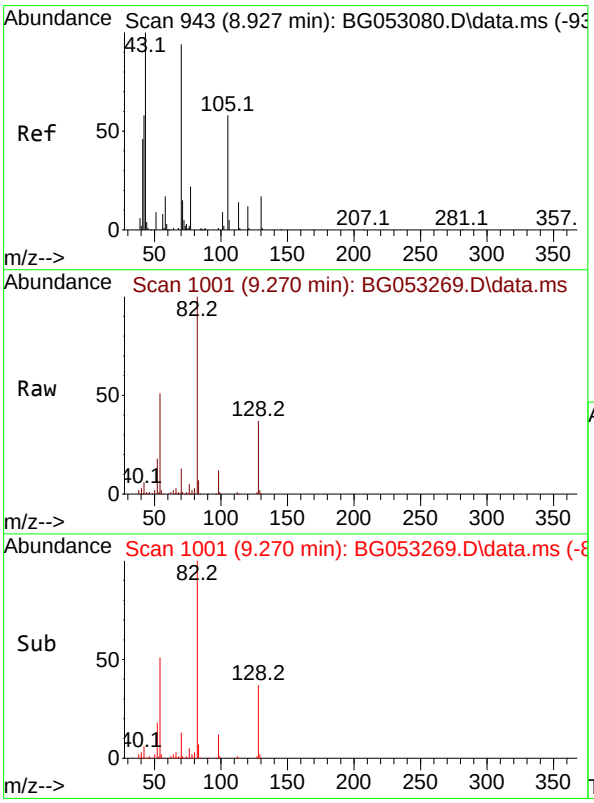
#7
Phenol-d6
Concen: 108.500 ng
RT: 7.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion: 99 Resp: 271086

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.7	22.1
71	40.2	29.2	43.8

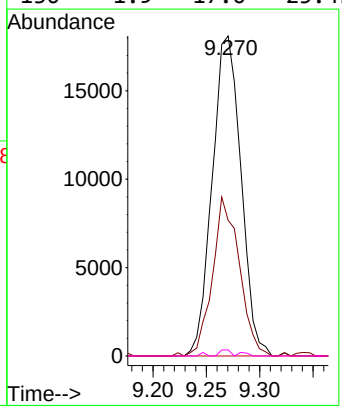


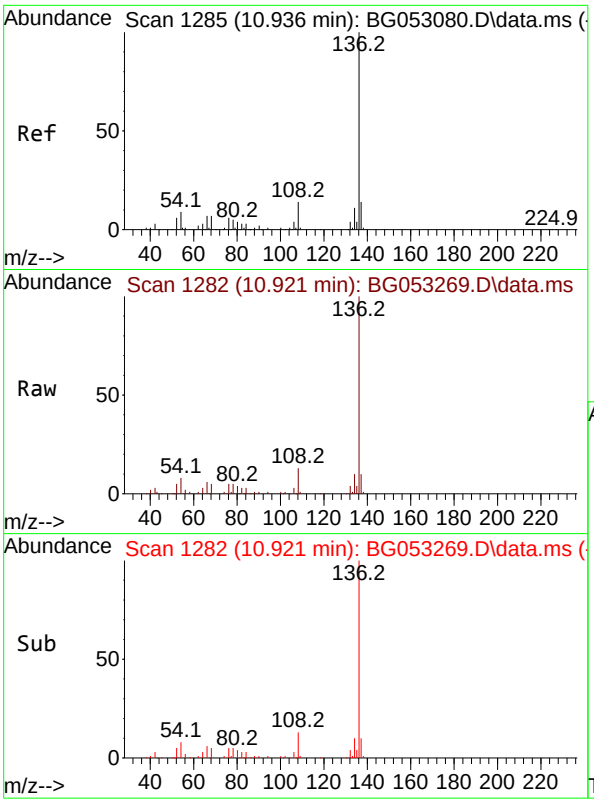


#19
n-Nitroso-di-n-propylamine
Concen: 18.521 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion: 70 Resp: 33879

Ion	Ratio	Lower	Upper
70	100		
42	42.4	46.0	69.0#
101	0.0	6.2	9.4#
130	1.9	17.0	25.4#



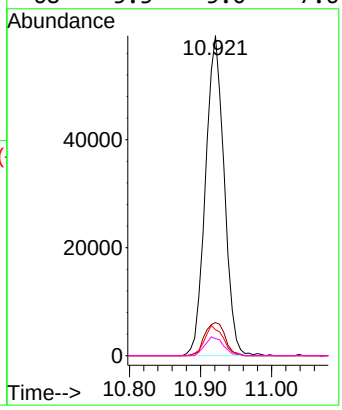


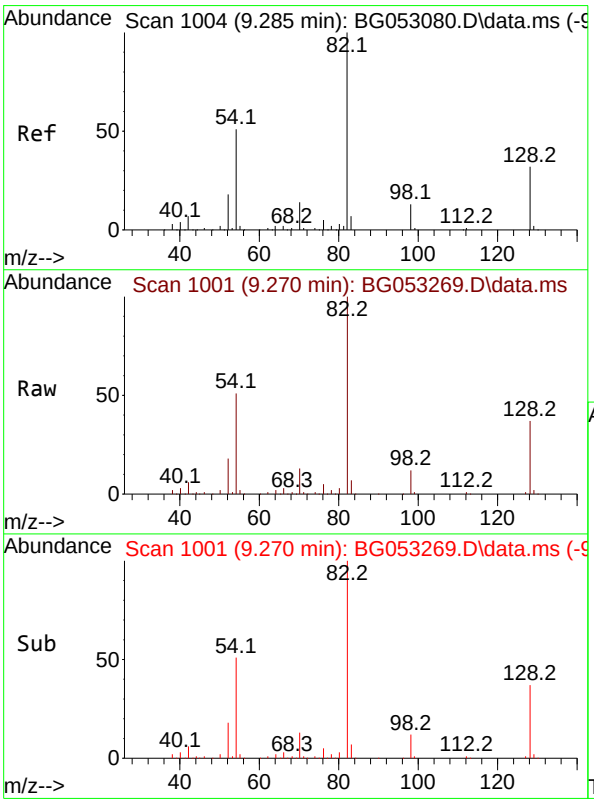
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:136 Resp: 108230

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.2
54	8.1	6.4	9.6
68	5.3	5.0	7.6

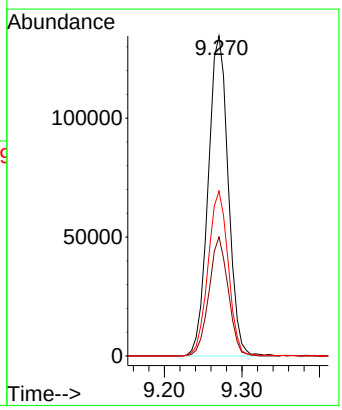


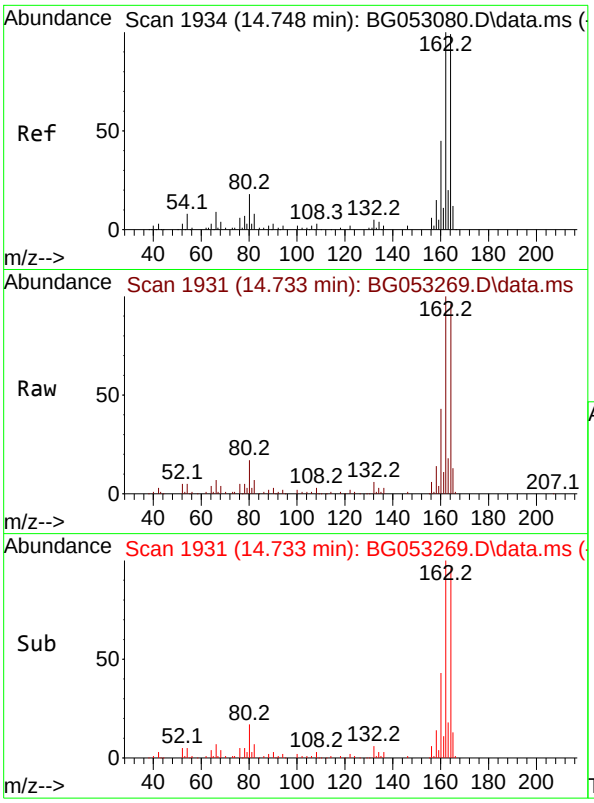


#23
Nitrobenzene-d5
Concen: 90.523 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion: 82 Resp: 241292

Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.3	46.9
54	51.5	37.8	56.8



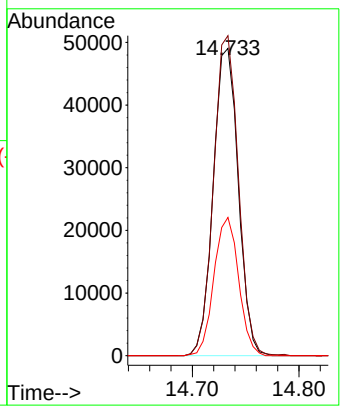


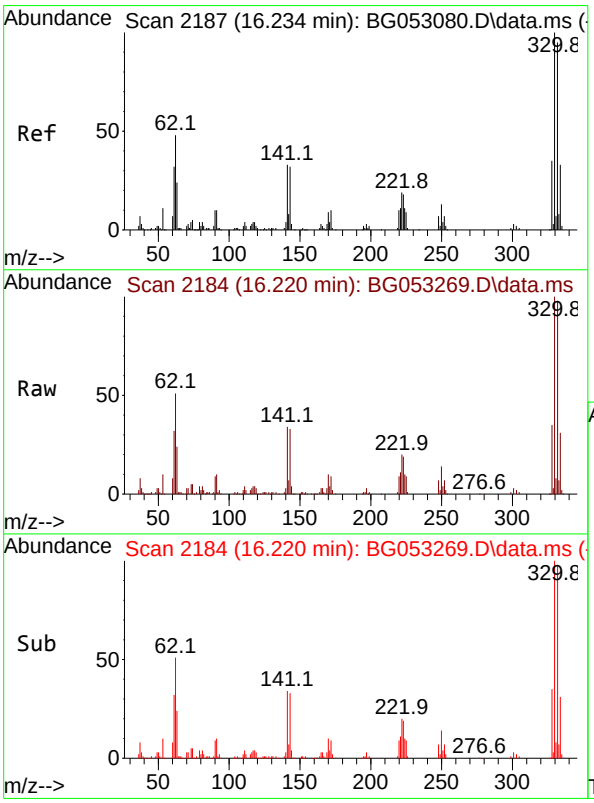
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:164 Resp: 80055

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.0	120.0
160	45.0	38.8	58.2

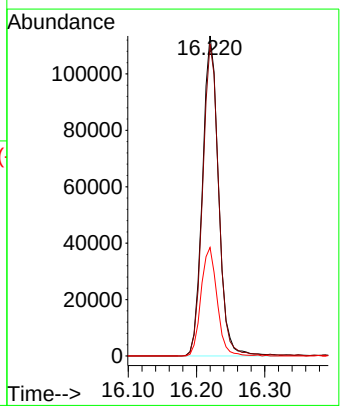


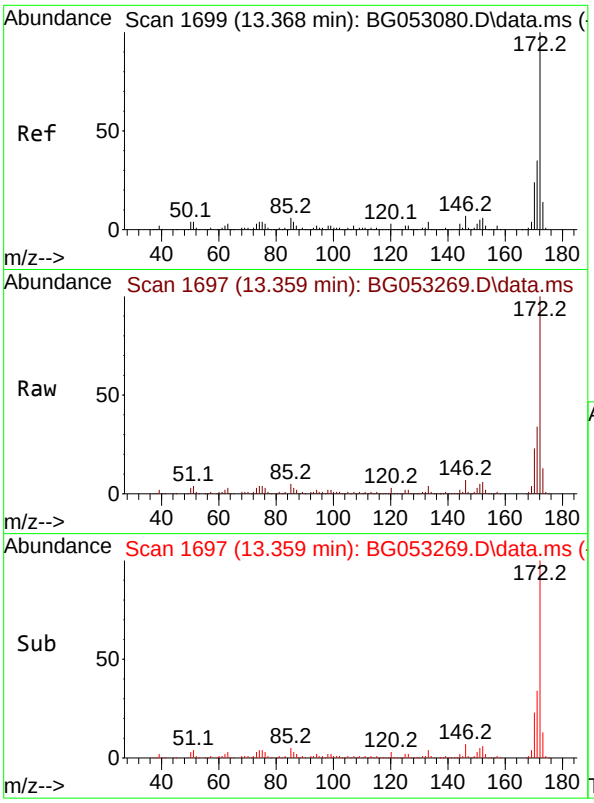


#42
2,4,6-Tribromophenol
Concen: 146.042 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:330 Resp: 186005

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.8	113.6
141	33.9	24.6	36.8



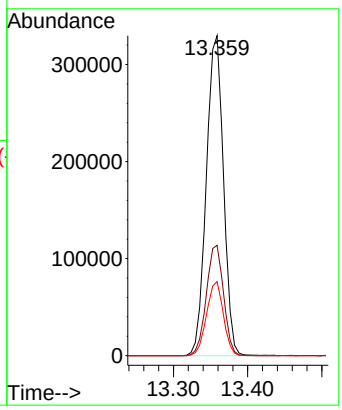


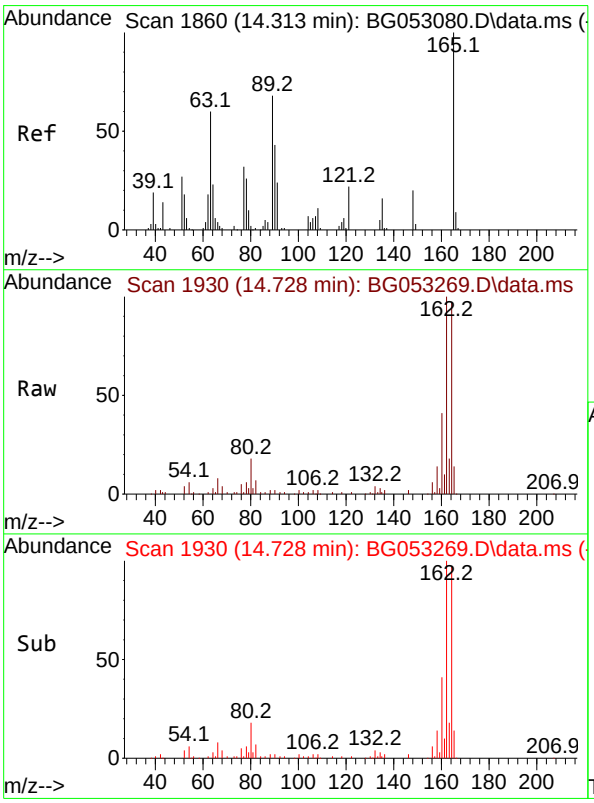
#45
2-Fluorobiphenyl
Concen: 91.106 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:172 Resp: 528931

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	23.2	18.0	27.0

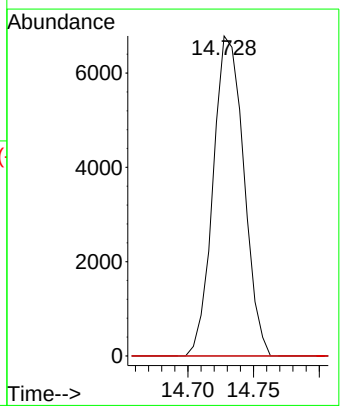


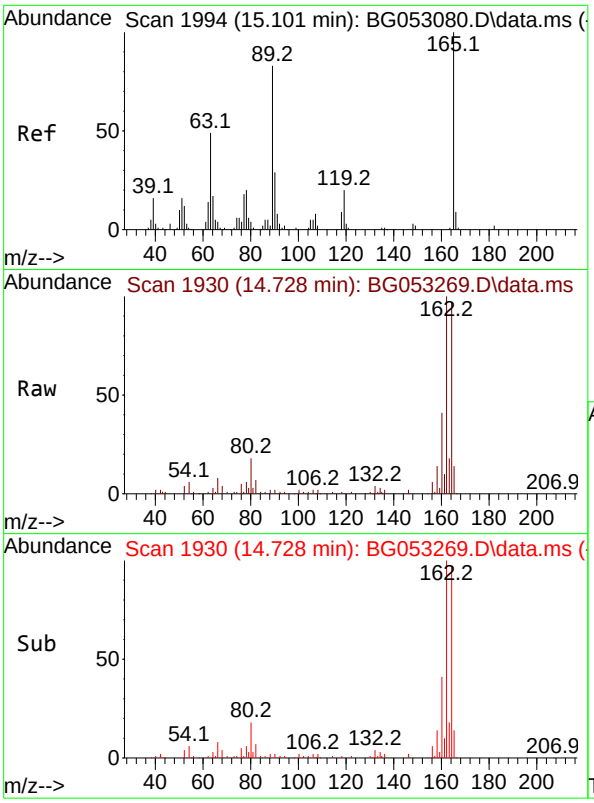


#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 14.728 min Scan# 1930
Delta R.T. 0.422 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:165 Resp: 11022

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



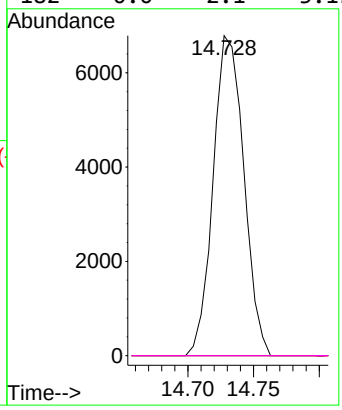


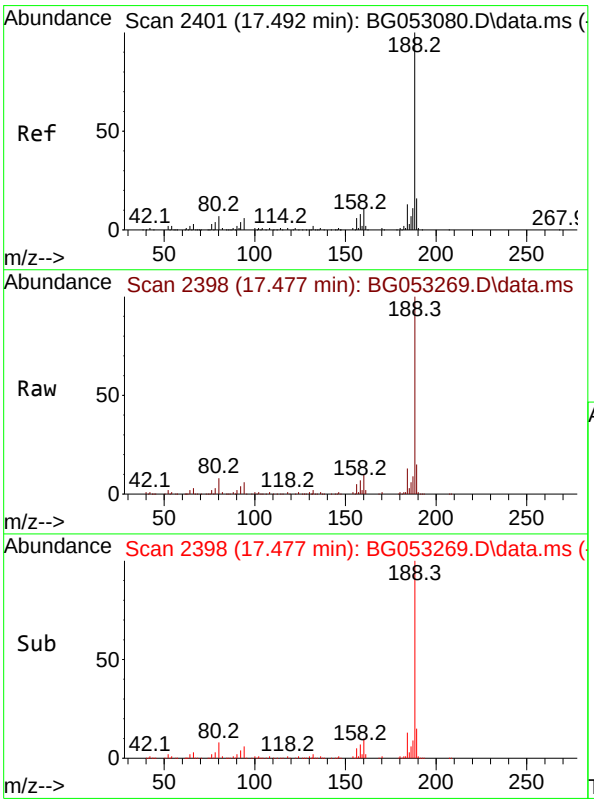
#57
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 14.728 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:165 Resp: 11022

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#

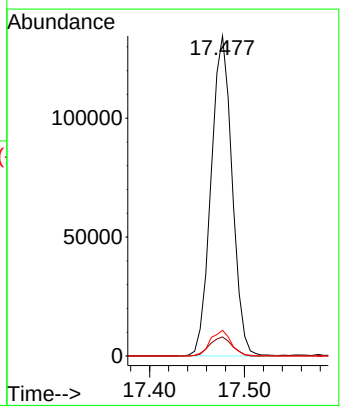


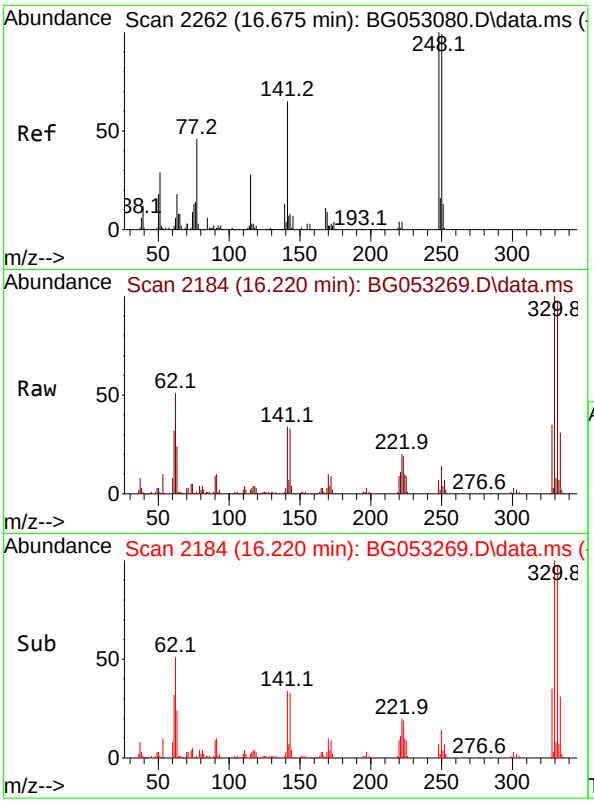


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:188 Resp: 207669

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	8.0	7.2	10.8



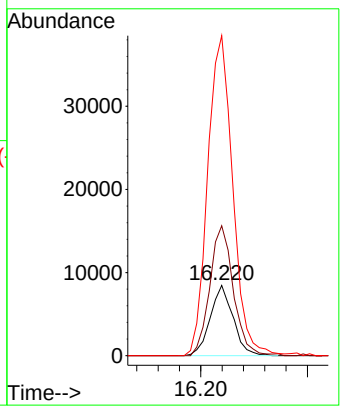


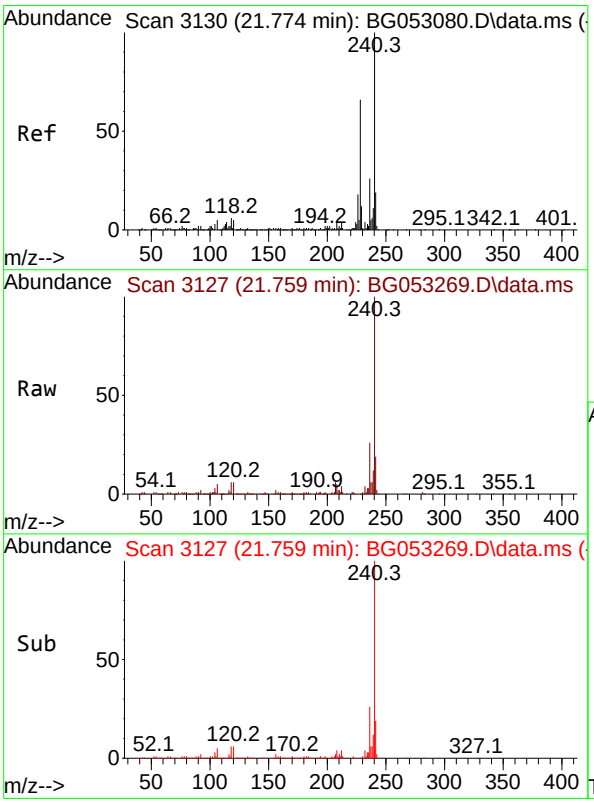
#67
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 16.220 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:248 Resp: 12585

Ion	Ratio	Lower	Upper
248	100		
250	184.7	77.9	116.9#
141	455.0	49.2	73.8#

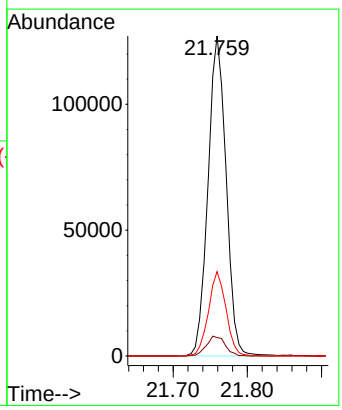


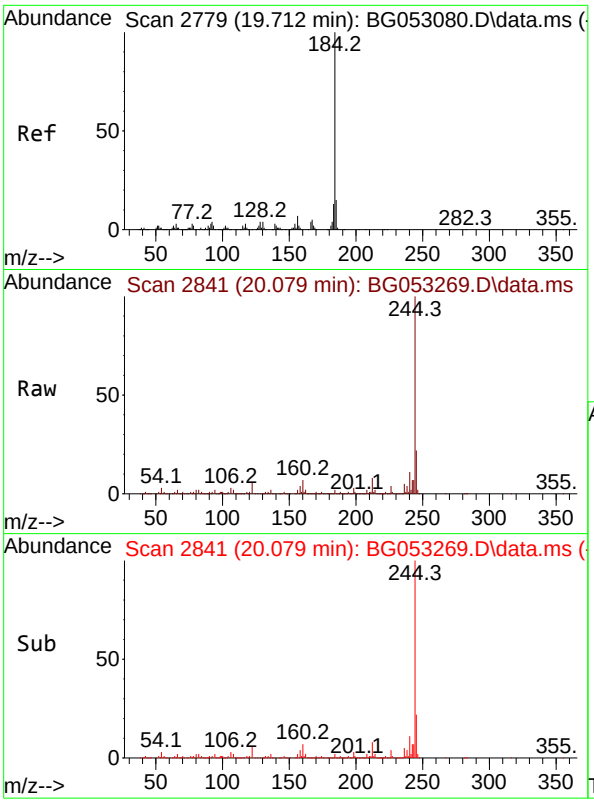


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:240 Resp: 215679

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.4	8.0
236	26.4	19.8	29.6



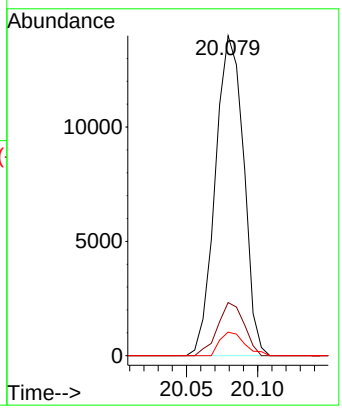


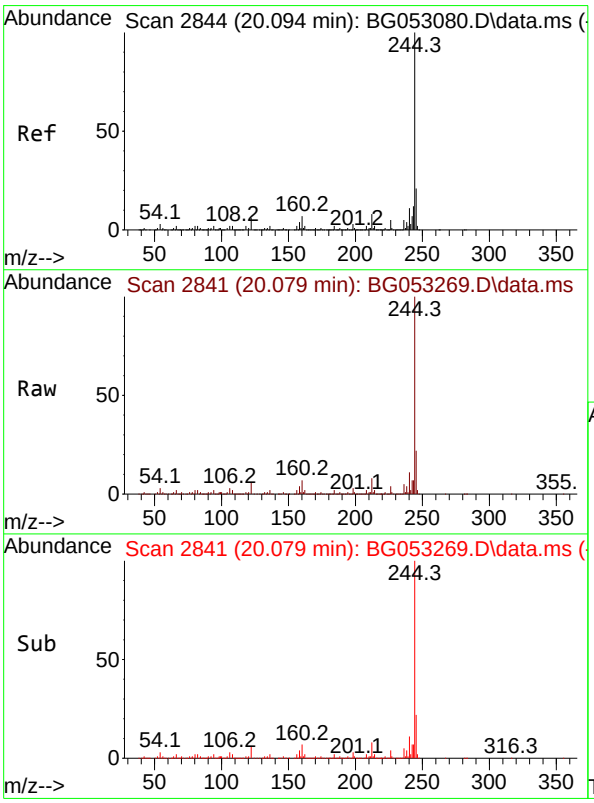
#77
Benzidine
Concen: 3.147 ng
RT: 20.079 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:184 Resp: 19364

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.5	17.3
183	7.3	9.4	14.2#

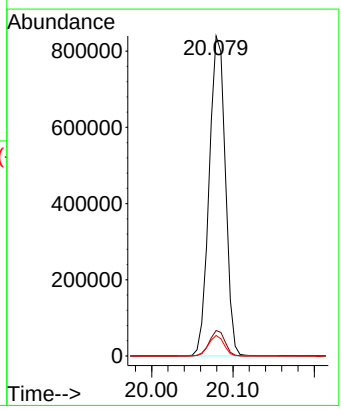


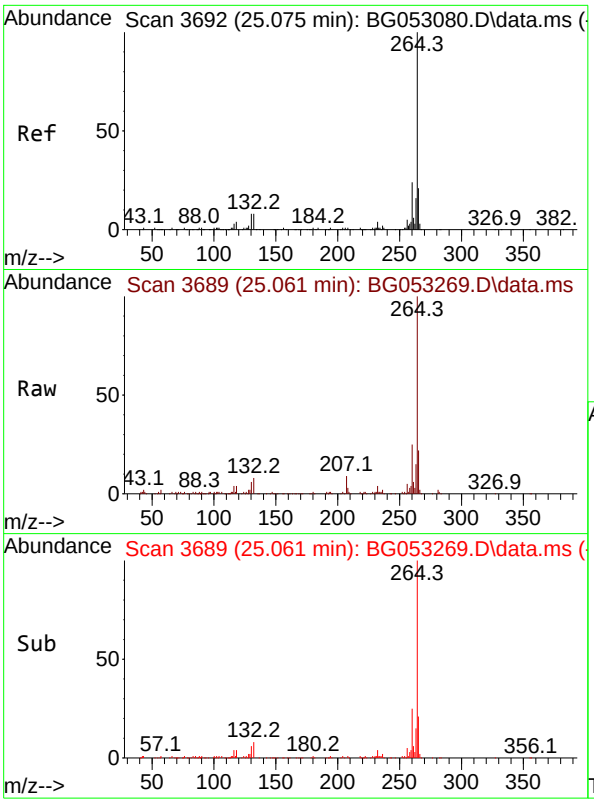


#79
Terphenyl-d14
Concen: 90.834 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:244 Resp: 1159987

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	6.4	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.061 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Instrument :
BNA_G
ClientSampleId :
MH-1S

Tgt Ion:264 Resp: 215033

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	21.7	15.1	22.7