Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053418.D
Acq On : 3 May 2022 15:34
Operator : CG/JU
Sample : N2619-24
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Quant Time: May 04 06:06:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	18389	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	72812	20.000	ng	0.00
39) Acenaphthene-d10	14.721	164	60556	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	168815	20.000	ng	# 0.00
76) Chrysene-d12	21.747	240	184268	20.000	ng	0.00
86) Perylene-d12	25.043	264	186029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	81548	76.017	ng	0.00
7) Phenol-d6	7.261	99	70190	42.429	ng	0.00
23) Nitrobenzene-d5	9.258	82	185266	103.313	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	165100	171.368	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	429835	97.877	ng	0.00
79) Terphenyl-d14	20.073	244	1026408	94.075	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.264	70	25361	20.940	ng	# 80
51) 2,6-Dinitrotoluene	14.721	165	7793	7.712	ng	# 24
57) 2,4-Dinitrotoluene	14.721	165	7793	5.417	ng	# 22
67) 4-Bromophenyl-phenylether	16.208	248	10637	4.917	ng	# 1
77) Benzidine	20.073	184	16998	3.233	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053418.D
Acq On : 3 May 2022 15:34
Operator : CG/JU
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Misc :
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Quant Time: May 04 06:06:40 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
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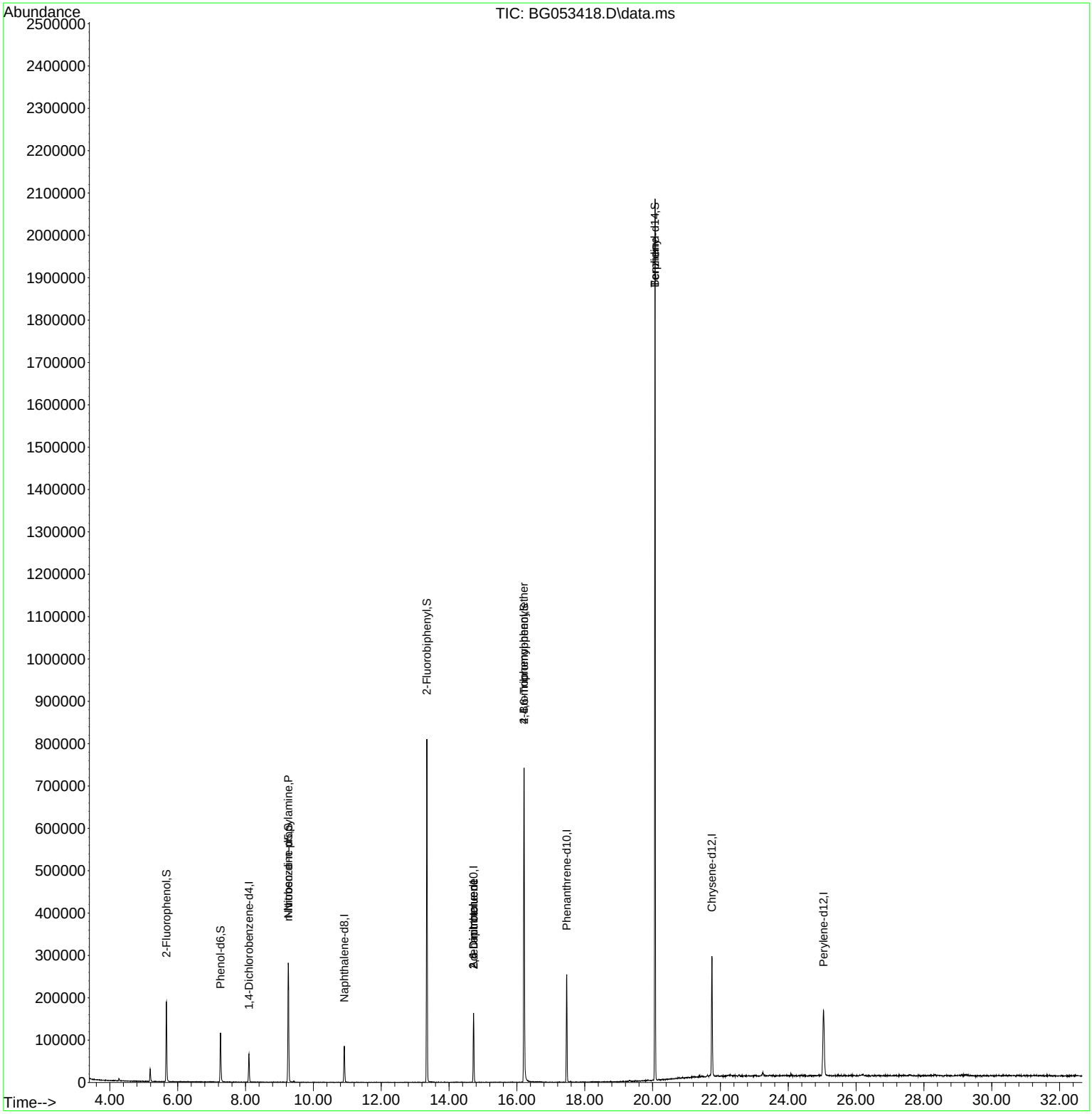
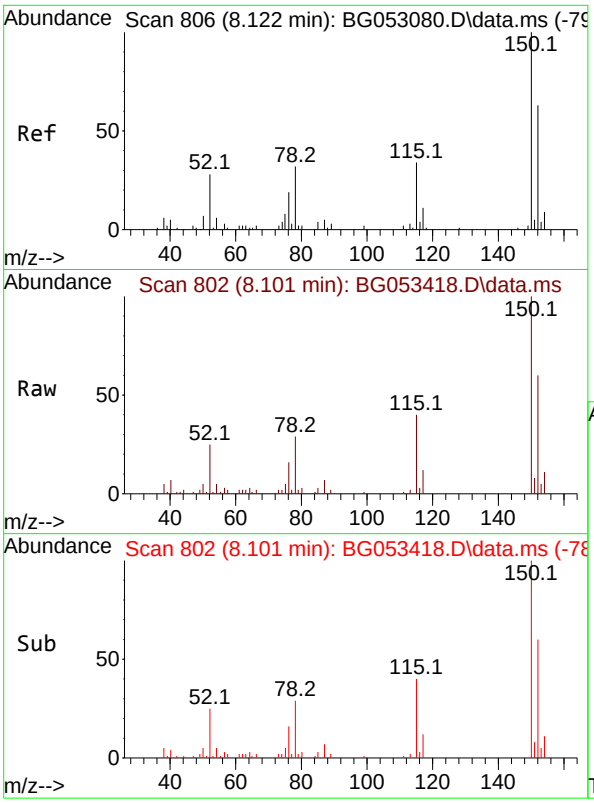


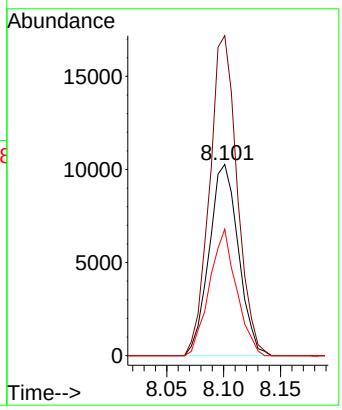


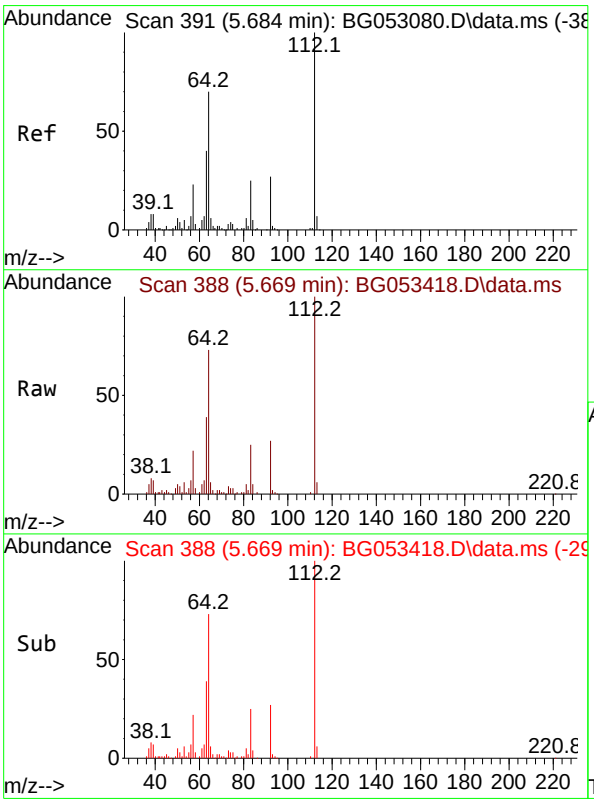
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 8
Delta R.T. 0.005 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:152 Resp: 18389

Ion	Ratio	Lower	Upper
152	100		
150	167.4	114.6	172.0
115	66.2	45.9	68.9

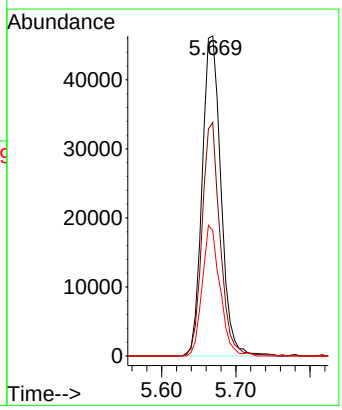


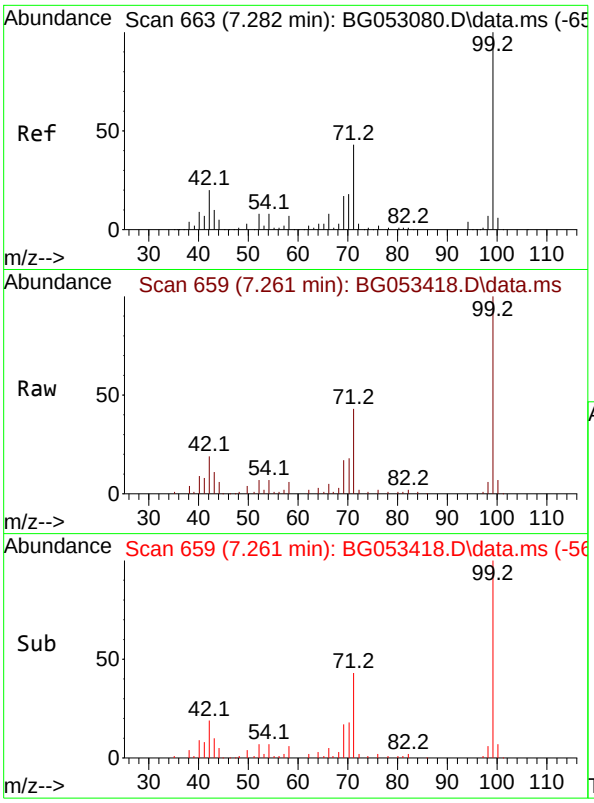


#5
2-Fluorophenol
Concen: 76.017 ng
RT: 5.669 min Scan# 388
Delta R.T. 0.005 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:112 Resp: 81548

Ion	Ratio	Lower	Upper
112	100		
64	73.0	48.0	72.0#
63	39.2	26.5	39.7



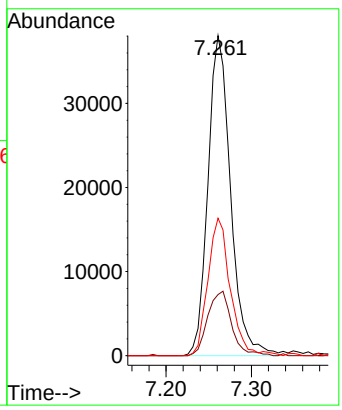


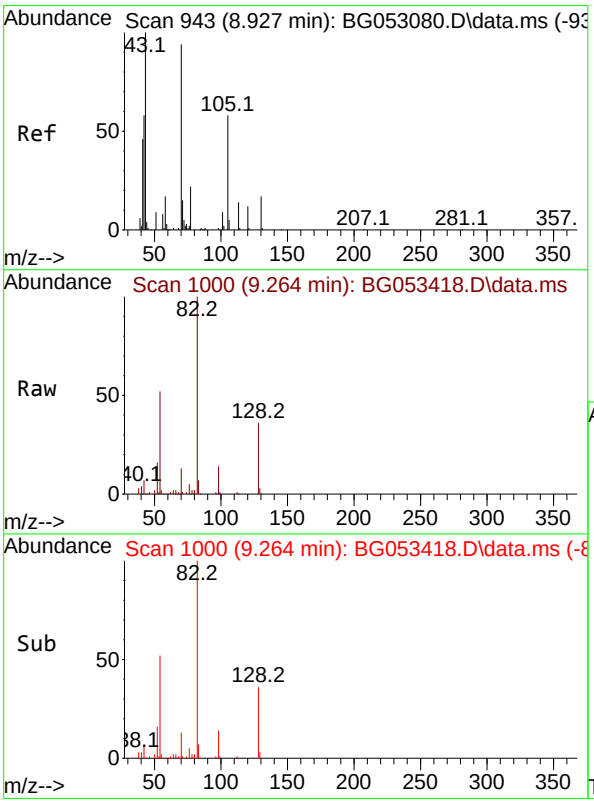
#7
Phenol-d6
Concen: 42.429 ng
RT: 7.261 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion: 99 Resp: 70190

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.7	22.1
71	43.0	29.2	43.8

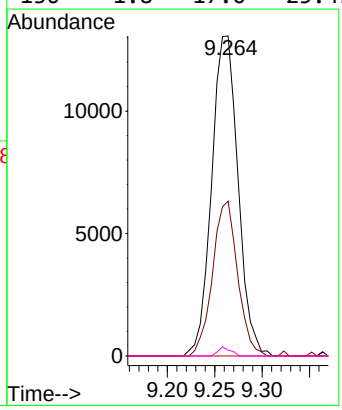


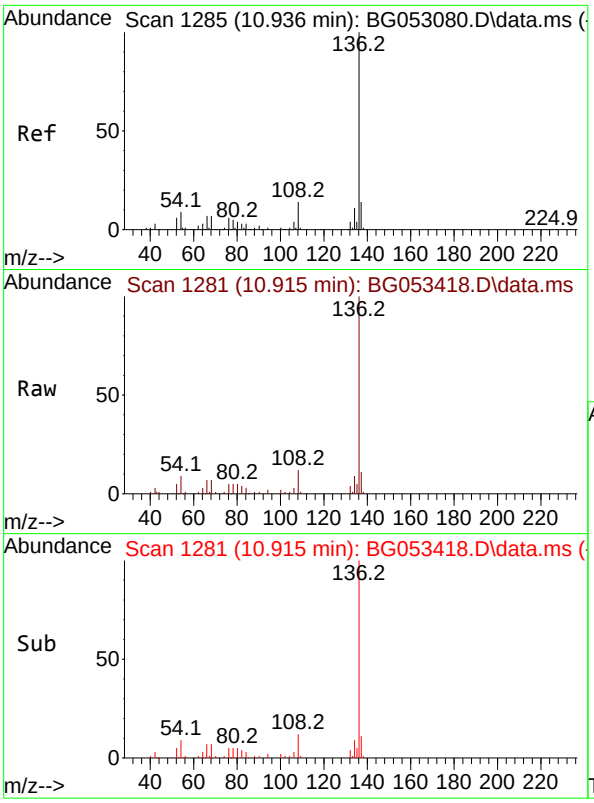


#19
n-Nitroso-di-n-propylamine
Concen: 20.940 ng
RT: 9.264 min Scan# 1000
Delta R.T. 0.357 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion: 70 Resp: 25361

Ion	Ratio	Lower	Upper
70	100		
42	48.4	46.0	69.0
101	0.0	6.2	9.4#
130	1.8	17.0	25.4#



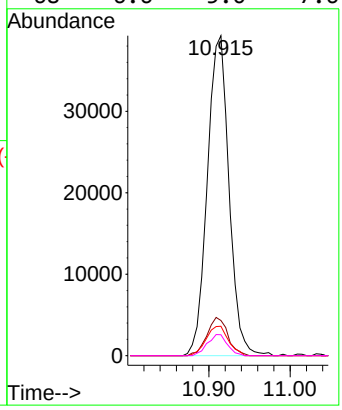


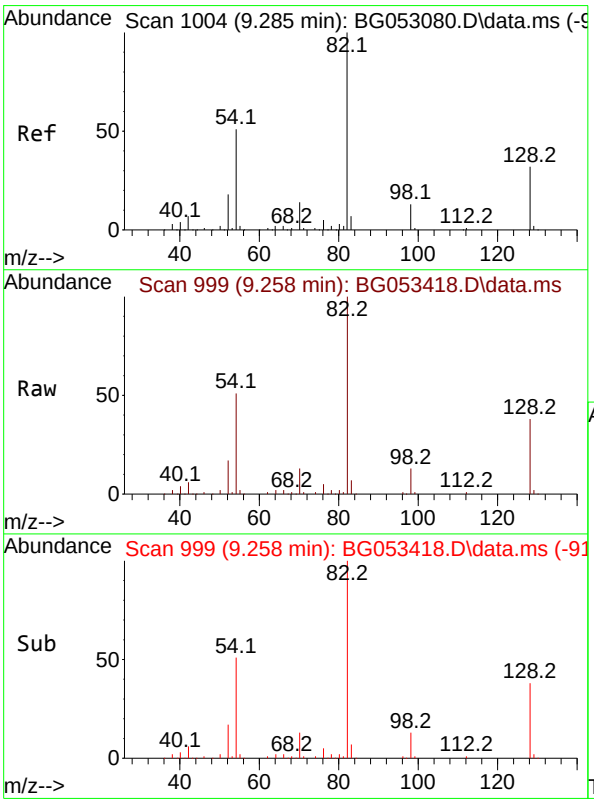
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:136 Resp: 72812

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	9.2	6.4	9.6
68	6.6	5.0	7.6

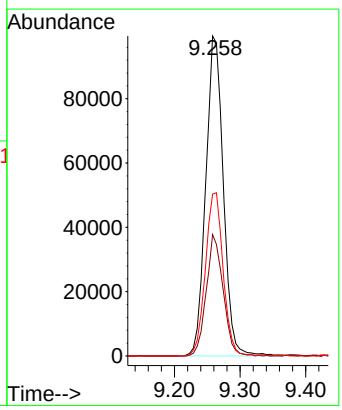


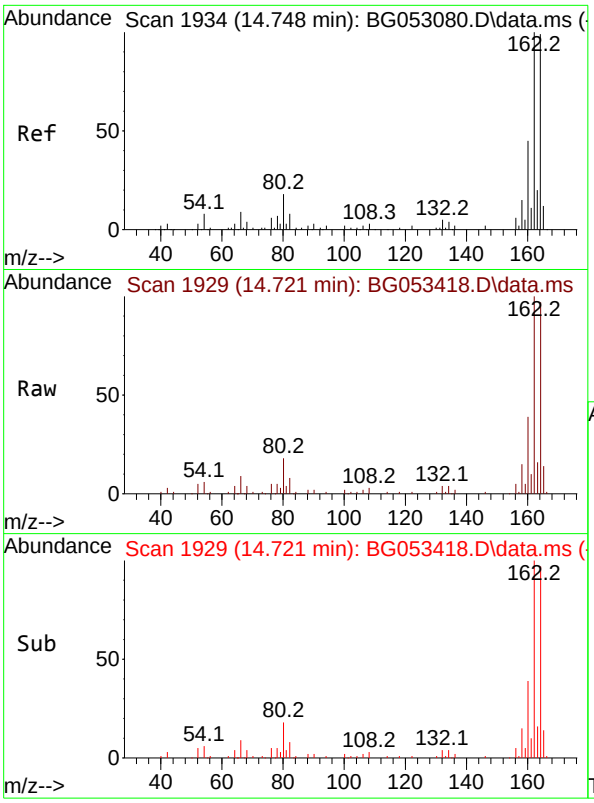


#23
Nitrobenzene-d5
Concen: 103.313 ng
RT: 9.258 min Scan# 999
Delta R.T. -0.007 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion: 82 Resp: 185266

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.3	46.9
54	50.6	37.8	56.8



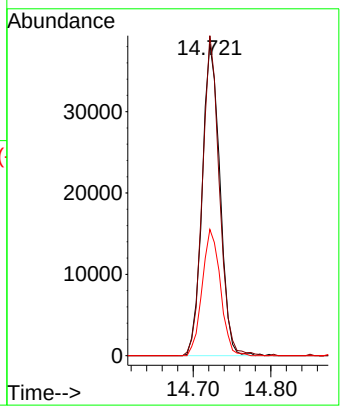


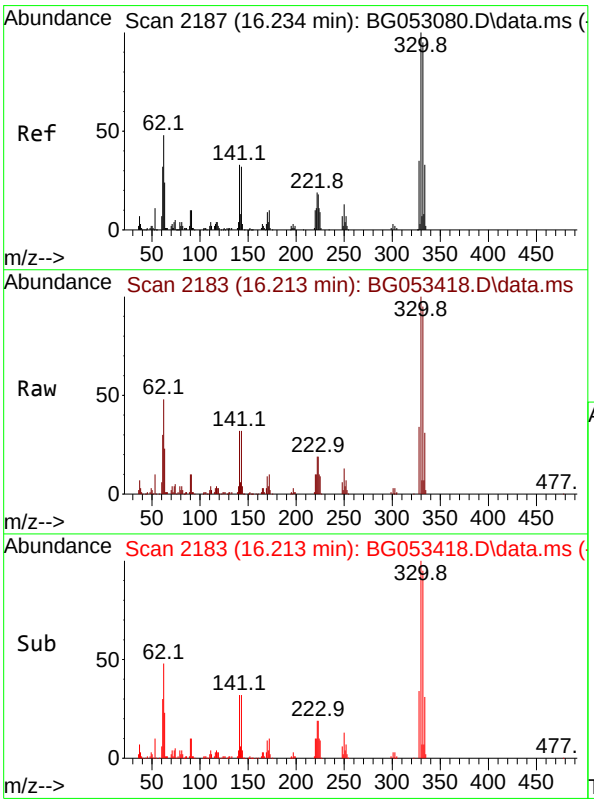
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:164 Resp: 60556

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.0	120.0
160	40.5	38.8	58.2

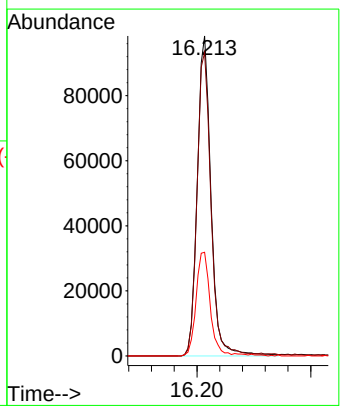


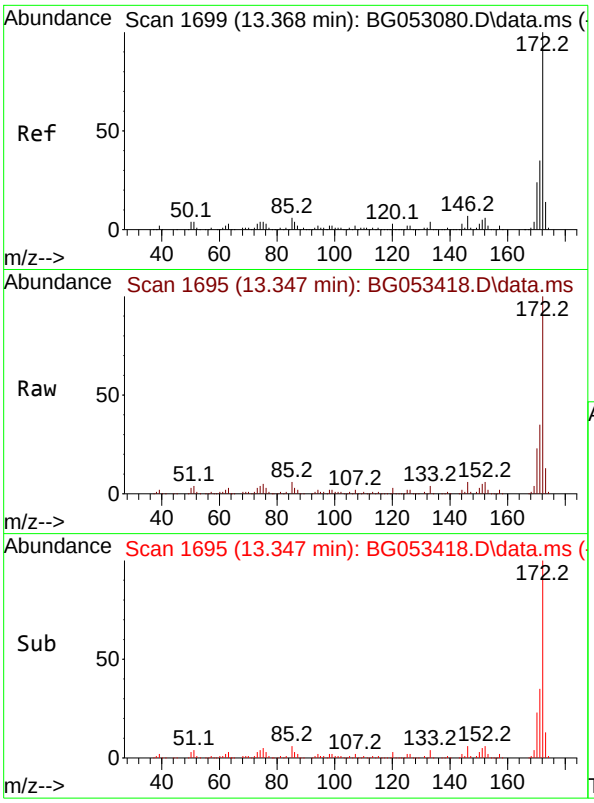


#42
2,4,6-Tribromophenol
Concen: 171.368 ng
RT: 16.213 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:330 Resp: 165100

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.8	113.6
141	33.8	24.6	36.8



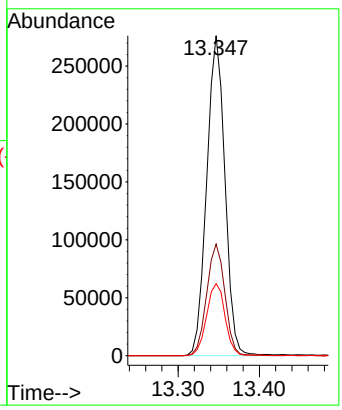


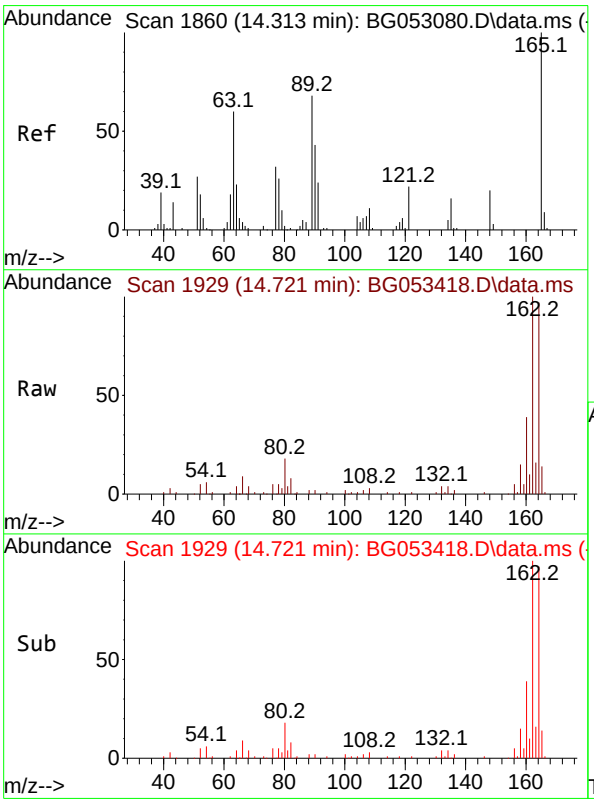
#45
2-Fluorobiphenyl
Concen: 97.877 ng
RT: 13.347 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:172 Resp: 429835

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.5	18.0	27.0

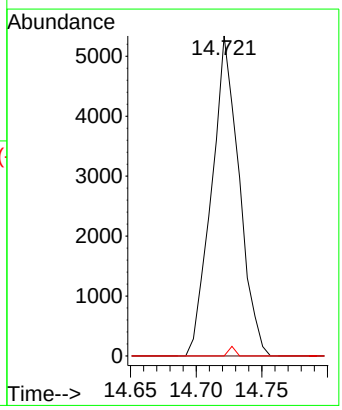


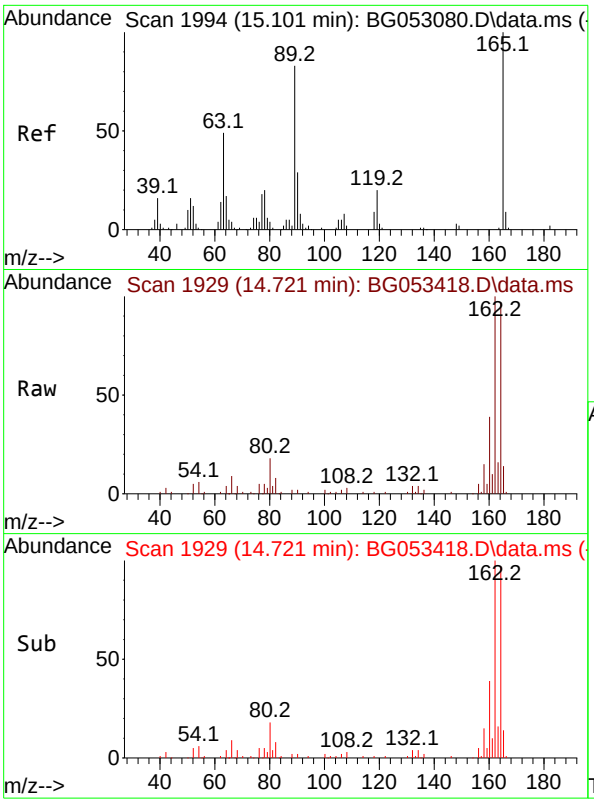


#51
2,6-Dinitrotoluene
Concen: 7.712 ng
RT: 14.721 min Scan# 1929
Delta R.T. 0.428 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:165 Resp: 7793

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



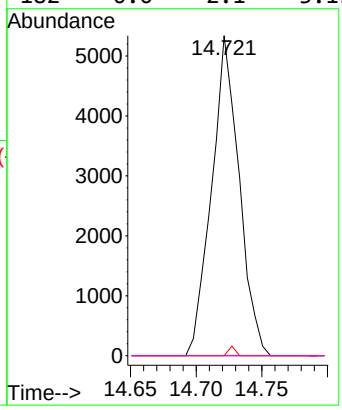


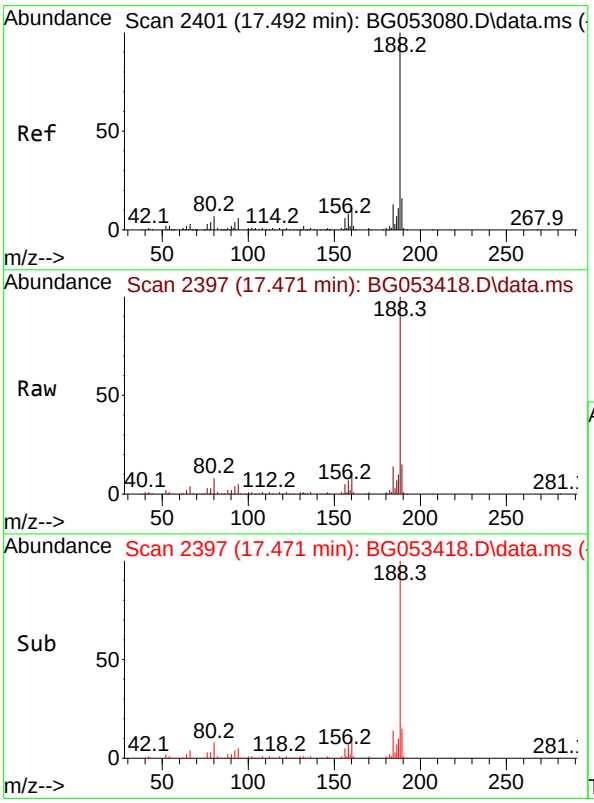
#57
2,4-Dinitrotoluene
Concen: 5.417 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:165 Resp: 7793

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#

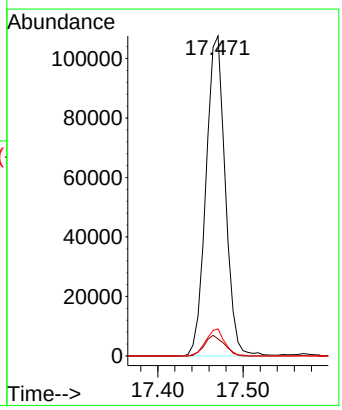


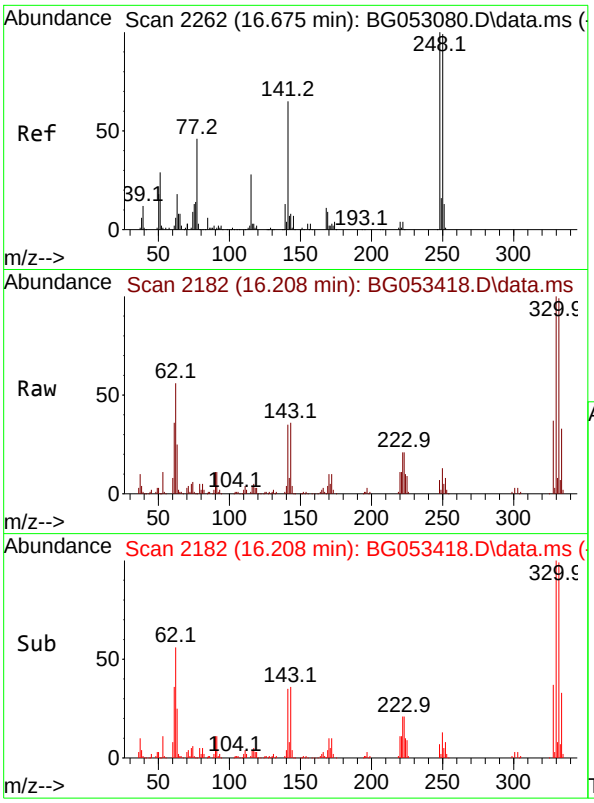


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 2397
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:188 Resp: 168815

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	8.4	7.2	10.8



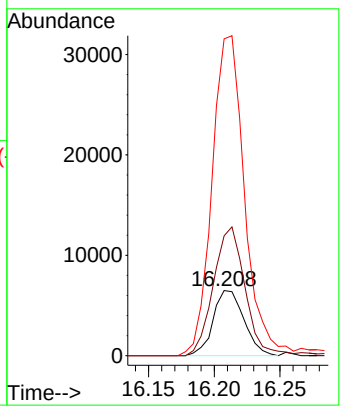


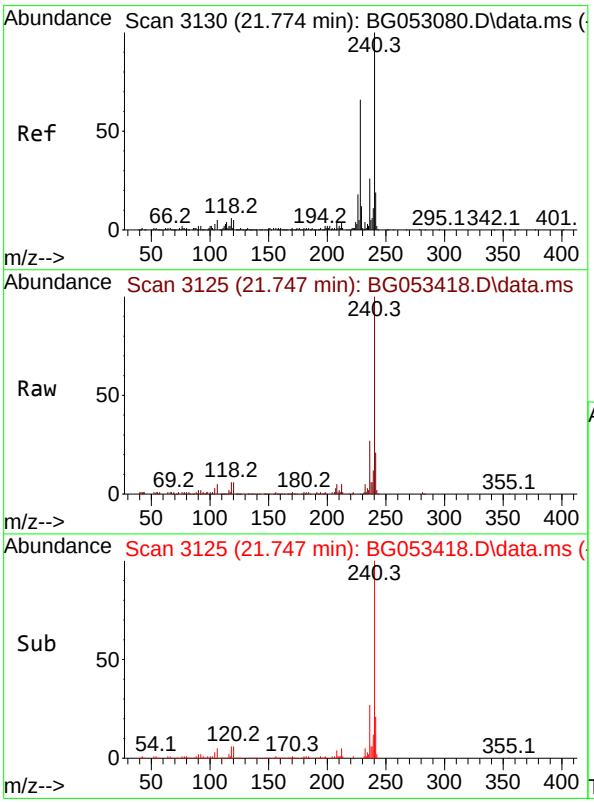
#67
4-Bromophenyl-phenylether
Concen: 4.917 ng
RT: 16.208 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:248 Resp: 10637

Ion	Ratio	Lower	Upper
248	100		
250	184.2	77.9	116.9#
141	486.7	49.2	73.8#

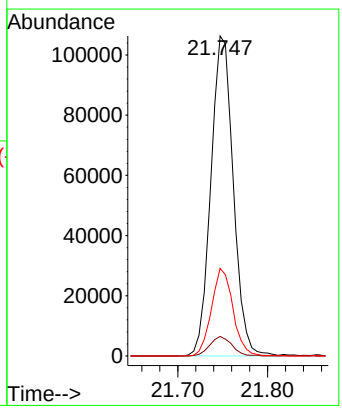


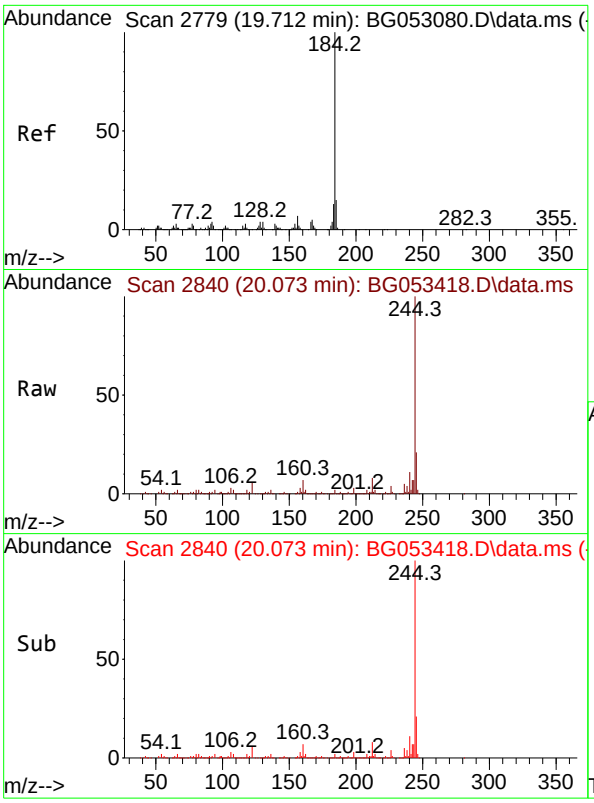


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:240 Resp: 184268

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.0
236	27.4	19.8	29.6



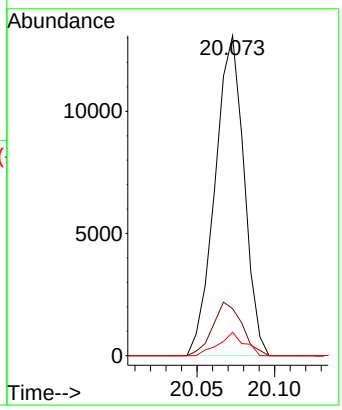


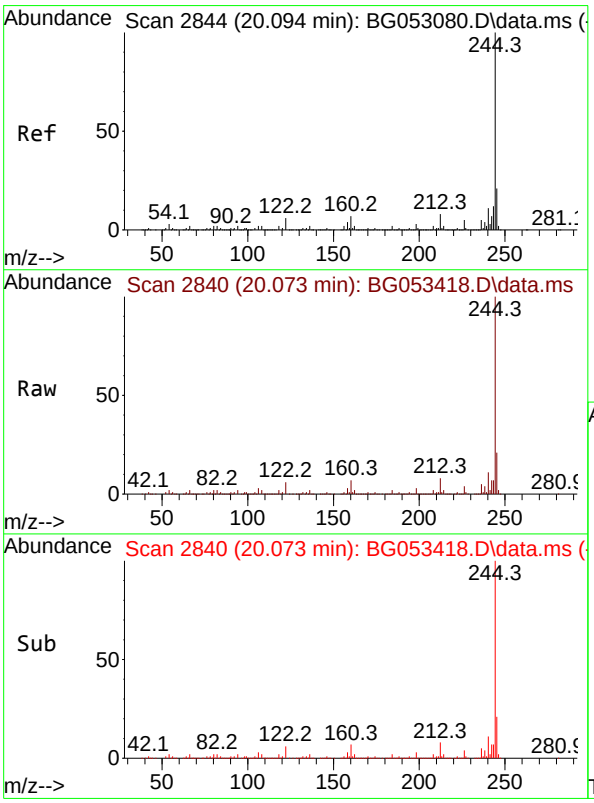
#77
Benzidine
Concen: 3.233 ng
RT: 20.073 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:184 Resp: 16998

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	7.3	9.4	14.2#

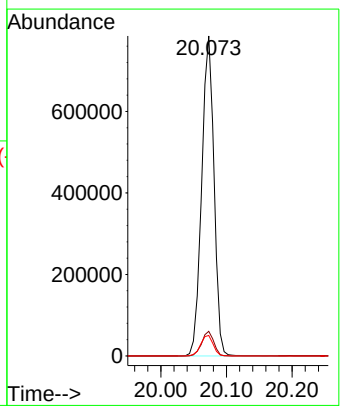


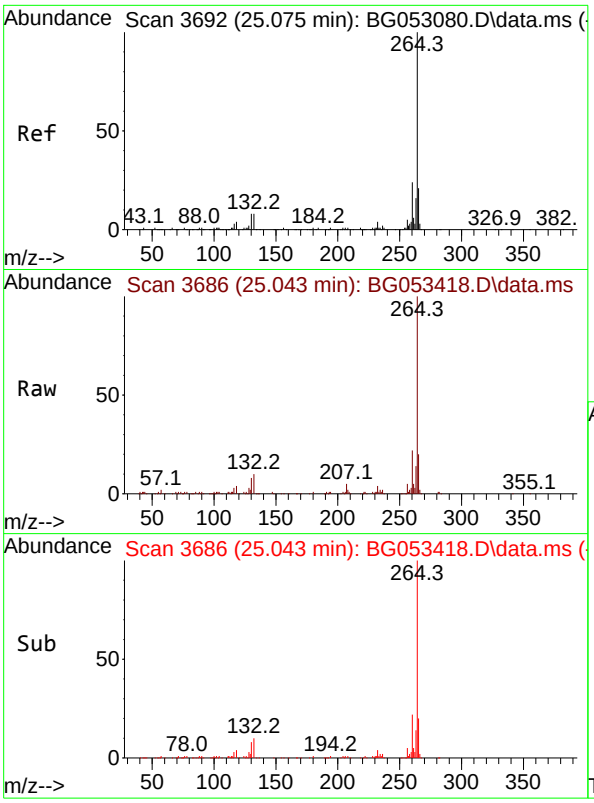


#79
Terphenyl-d14
Concen: 94.075 ng
RT: 20.073 min Scan# 2840
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:244 Resp: 1026408

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	6.4	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.043 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

Tgt Ion:264 Resp: 186029

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.2
265	20.2	15.1	22.7