Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
Data File : BG051171.D
Acq On : 22 Nov 2021 15:28
Operator : CG/JU
Sample : M4770-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-4

Quant Time: Nov 22 17:18:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.203	152	27593	20.000	ng	0.00
21) Naphthalene-d8	11.035	136	119825	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	82541	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	205278	20.000	ng	# 0.00
76) Chrysene-d12	21.887	240	193047	20.000	ng	# 0.00
86) Perylene-d12	25.289	264	189801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	191477	107.271	ng	0.00
7) Phenol-d6	7.363	99	228864	91.034	ng	0.00
23) Nitrobenzene-d5	9.378	82	204695	77.981	ng	0.00
42) 2,4,6-Tribromophenol	16.329	330	103619	118.111	ng	0.00
45) 2-Fluorobiphenyl	13.456	172	403643	73.792	ng	0.00
79) Terphenyl-d14	20.177	244	755495	71.543	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.384	70	28135	15.161	ng	# 67
51) 2,6-Dinitrotoluene	14.836	165	10719	8.070	ng	# 11
57) 2,4-Dinitrotoluene	14.836	165	10719	5.634	ng	# 17
67) 4-Bromophenyl-phenylether	16.329	248	8347	3.760	ng	# 1
77) Benzidine	20.177	184	13352	4.212	ng	# 92

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

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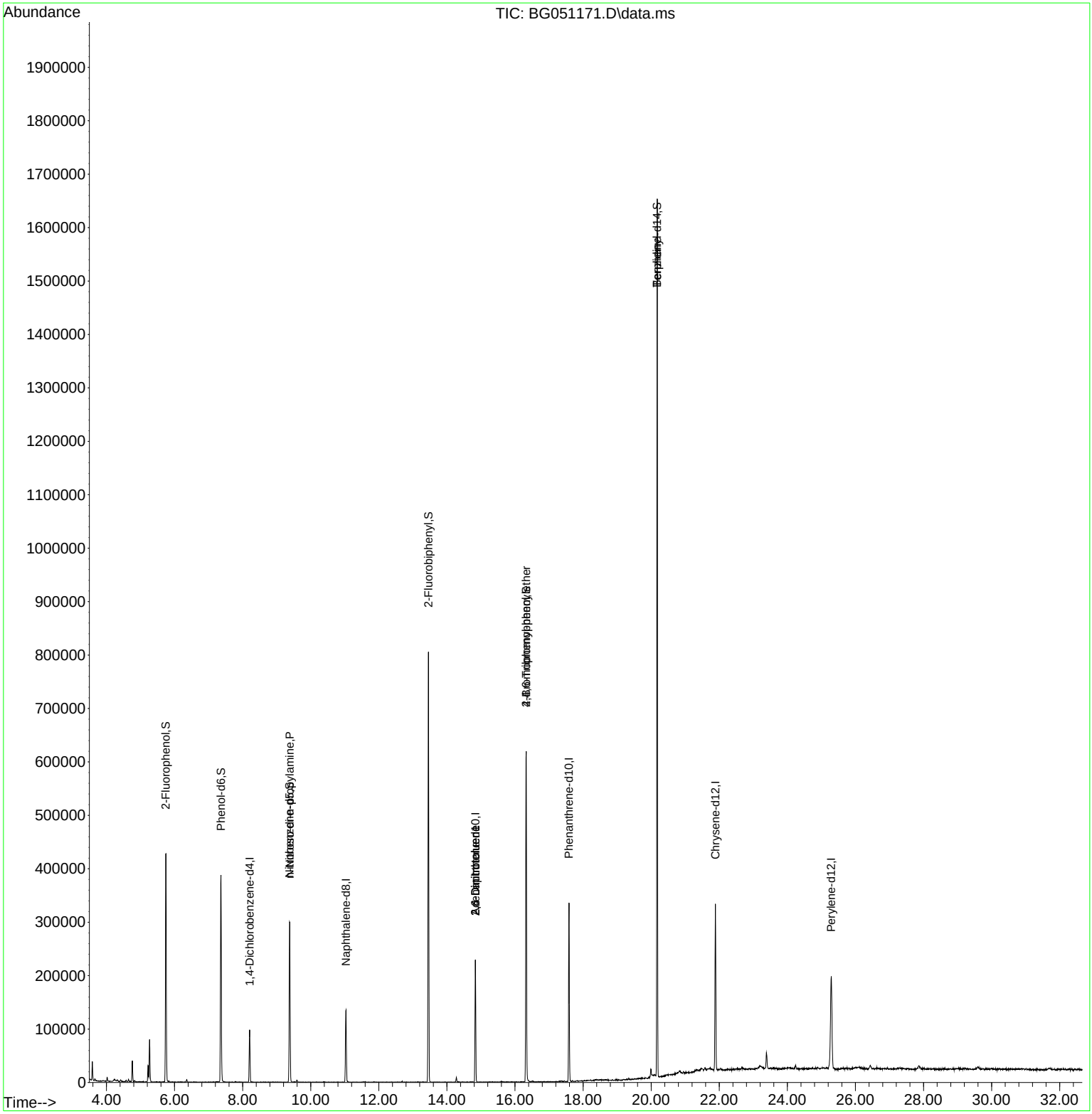
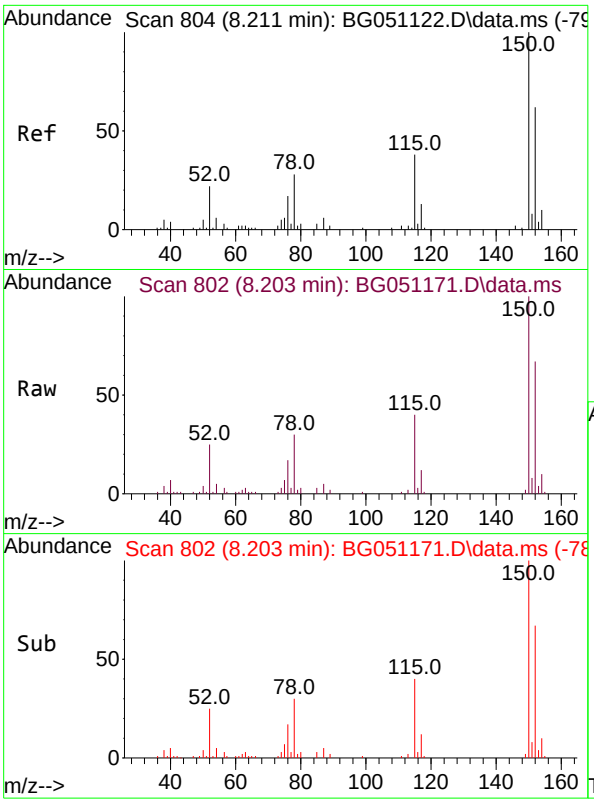


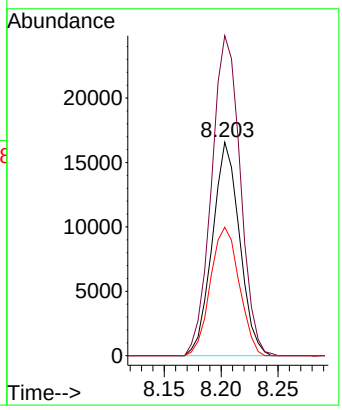


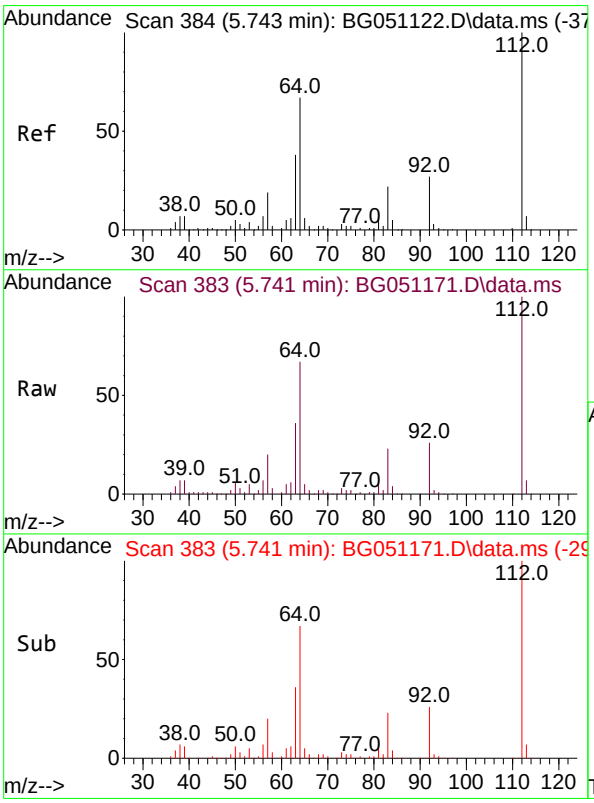
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.203 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:152 Resp: 27593

Ion	Ratio	Lower	Upper
152	100		
150	150.0	119.4	179.0
115	60.2	60.2	90.4

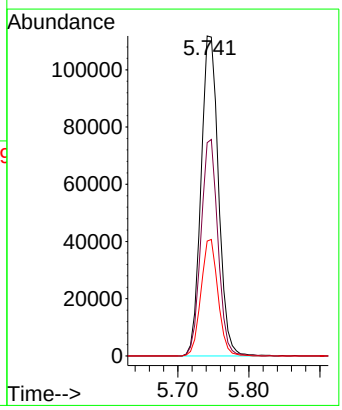


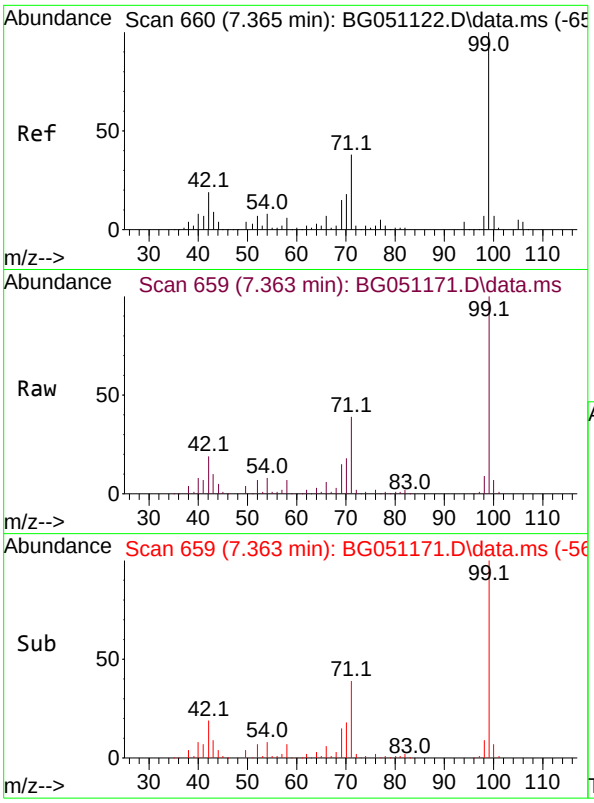


#5
2-Fluorophenol
Concen: 107.271 ng
RT: 5.741 min Scan# 383
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:112 Resp: 191477

Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.7	70.1
63	35.9	35.3	52.9



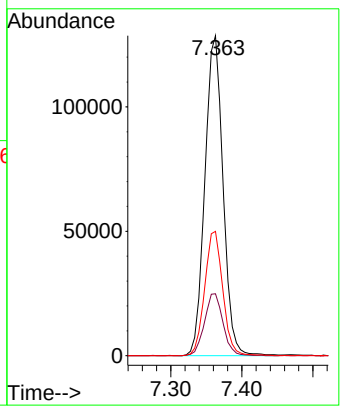


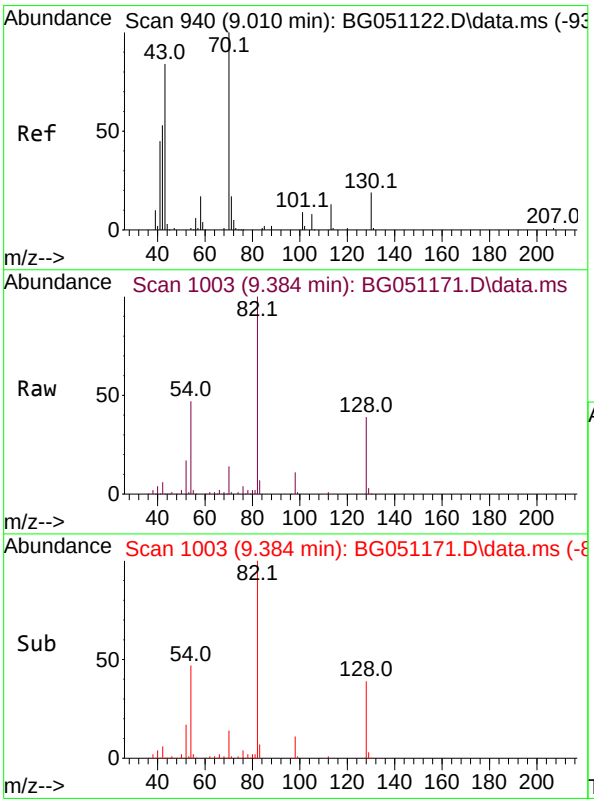
#7
Phenol-d6
Concen: 91.034 ng
RT: 7.363 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion: 99 Resp: 228864

Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.5	30.7#
71	38.8	41.5	62.3#

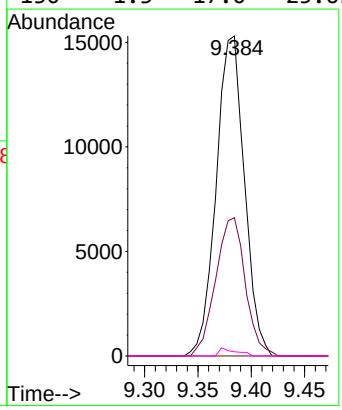


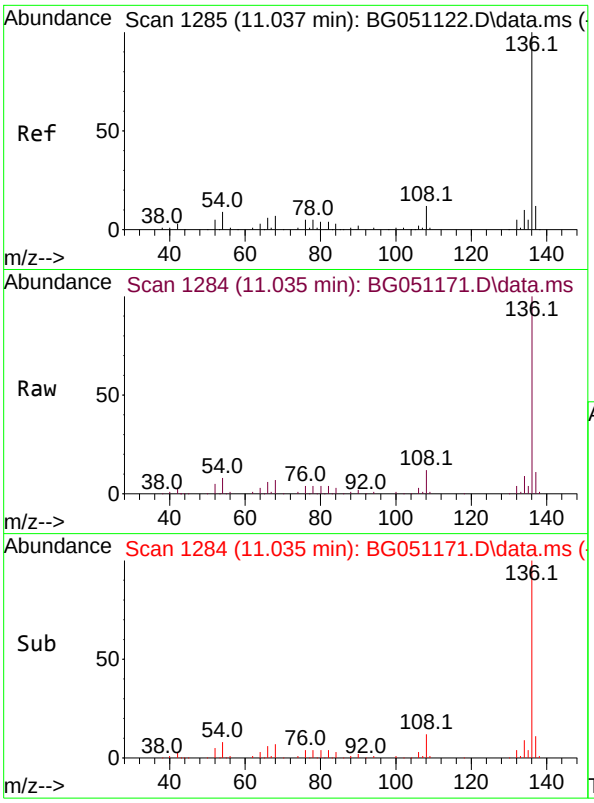


#19
n-Nitroso-di-n-propylamine
Concen: 15.161 ng
RT: 9.384 min Scan# 1003
Delta R.T. 0.374 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion: 70 Resp: 28135

Ion	Ratio	Lower	Upper
70	100		
42	43.2	54.5	81.7#
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#



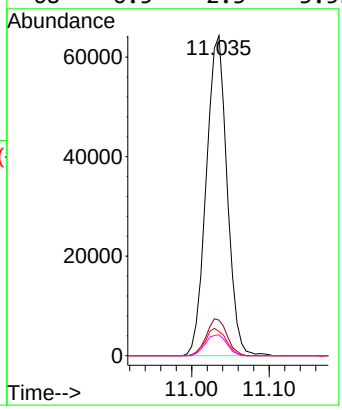


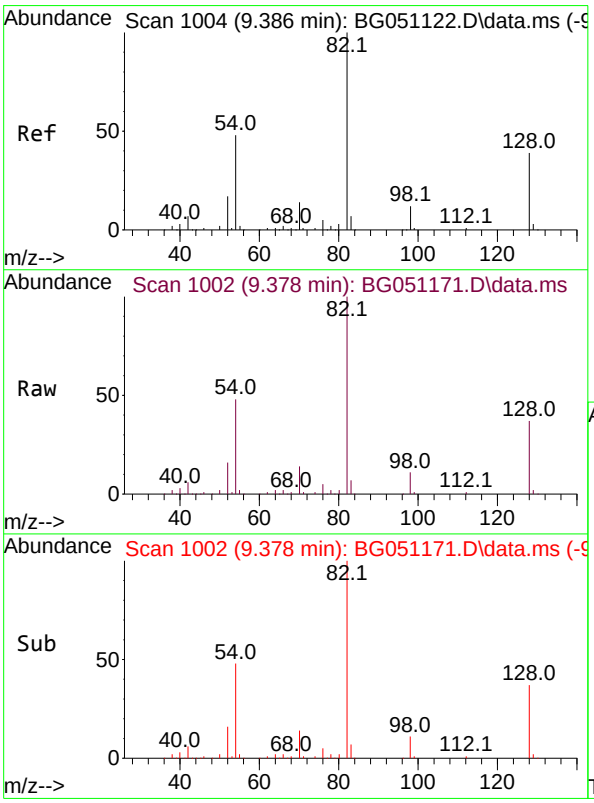
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:136 Resp: 119825

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	7.6	5.5	8.3
68	6.5	2.3	3.5#

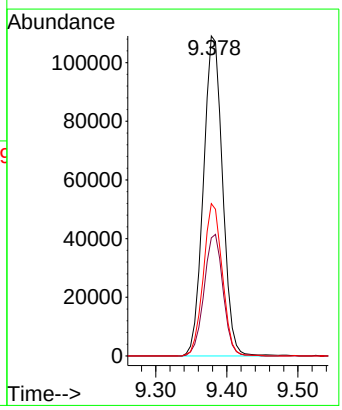


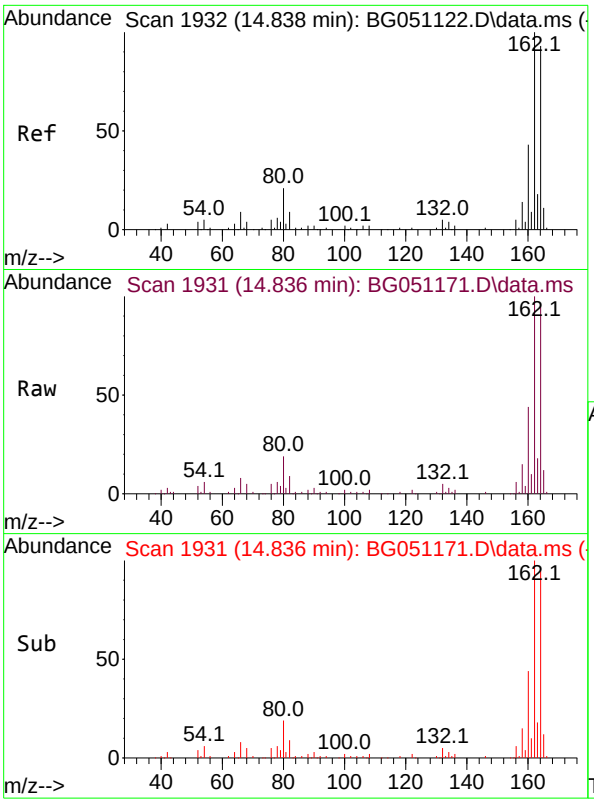


#23
Nitrobenzene-d5
Concen: 77.981 ng
RT: 9.378 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion: 82 Resp: 204695

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.8	44.6
54	47.6	45.8	68.8



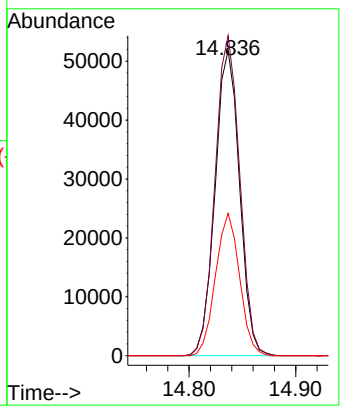


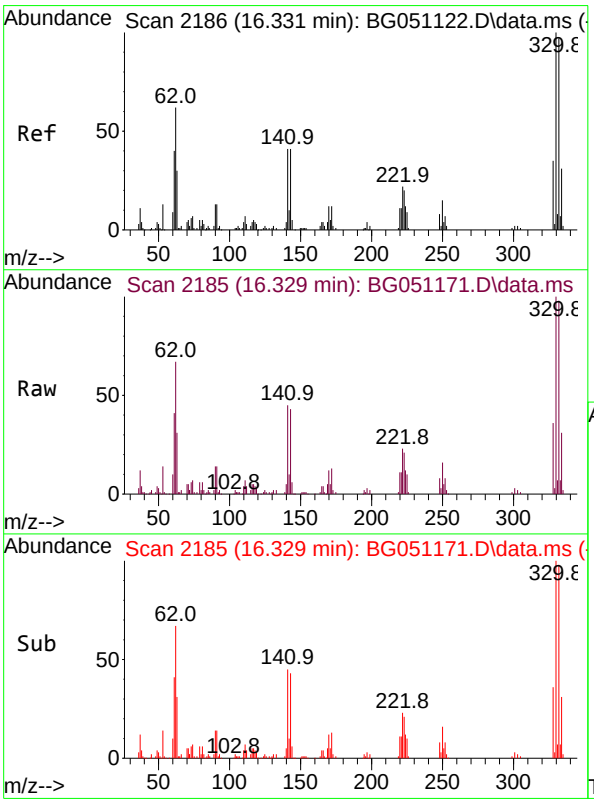
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.836 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:164 Resp: 82541

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	46.6	34.9	52.3

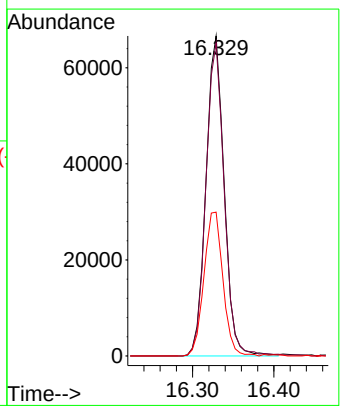


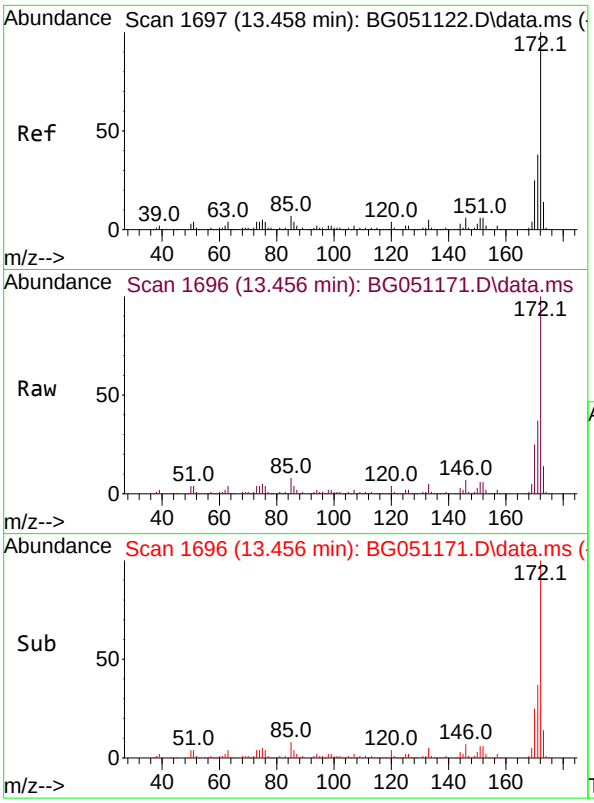


#42
2,4,6-Tribromophenol
Concen: 118.111 ng
RT: 16.329 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:330 Resp: 103619

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	46.9	35.6	53.4



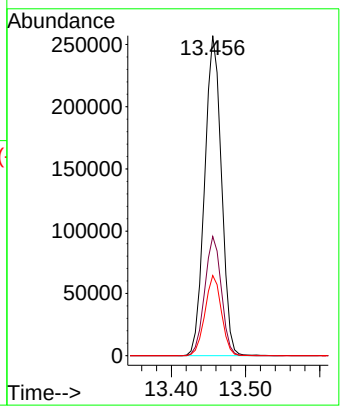


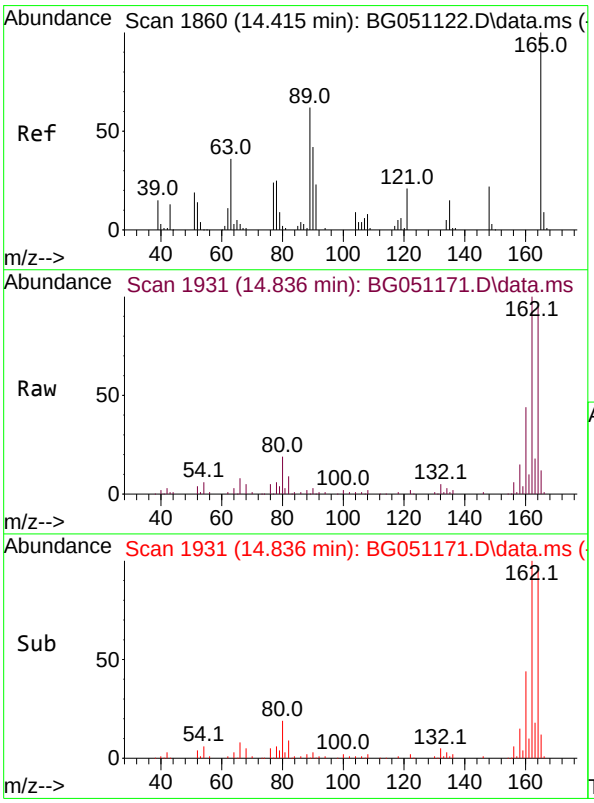
#45
2-Fluorobiphenyl
Concen: 73.792 ng
RT: 13.456 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:172 Resp: 403643

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	43.0
170	25.1	18.6	27.8

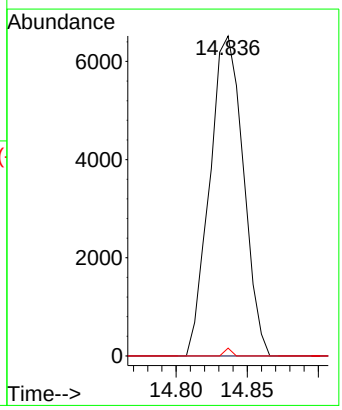


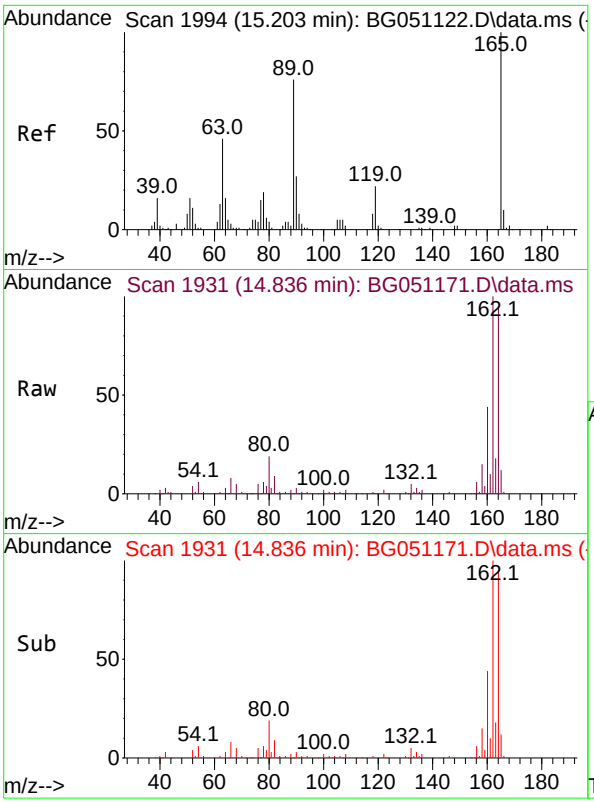


#51
2,6-Dinitrotoluene
Concen: 8.070 ng
RT: 14.836 min Scan# 1931
Delta R.T. 0.421 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:165 Resp: 10719

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.4	63.4	95.0#



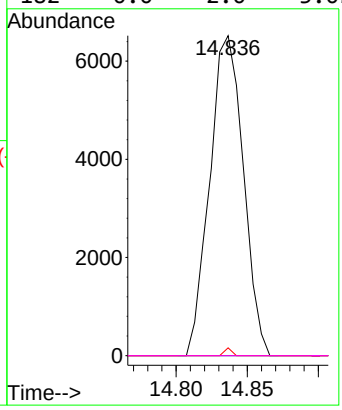


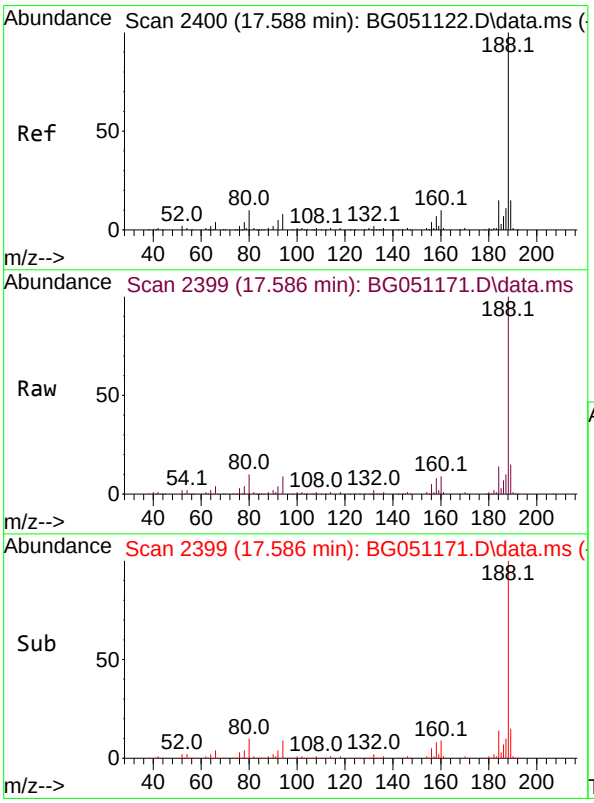
#57
2,4-Dinitrotoluene
Concen: 5.634 ng
RT: 14.836 min Scan# 1
Delta R.T. -0.366 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:165 Resp: 10719

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	2.4	65.4	98.0#
182	0.0	2.0	3.0#

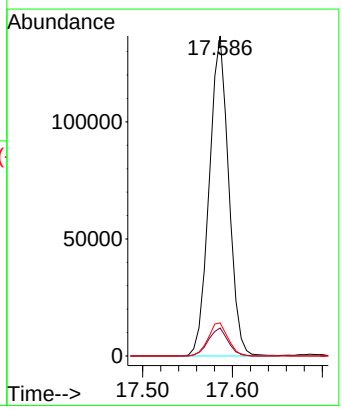


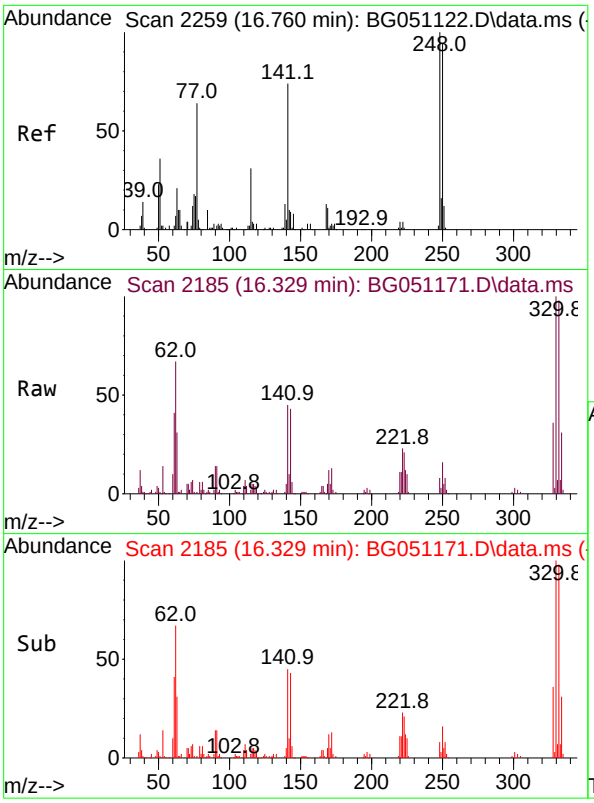


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 2399
Delta R.T. -0.002 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:188 Resp: 205278

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	10.4	3.7	5.5#



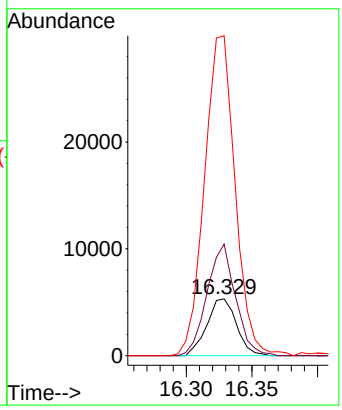


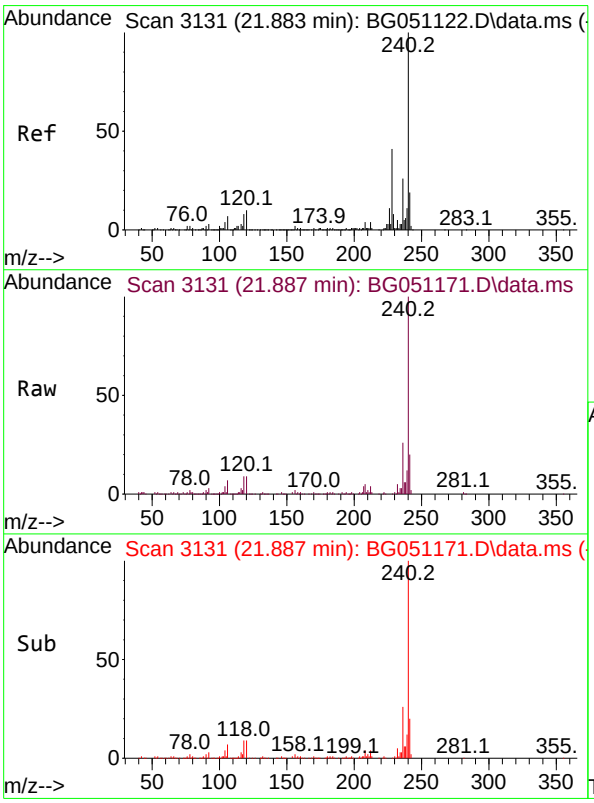
#67
4-Bromophenyl-phenylether
Concen: 3.760 ng
RT: 16.329 min Scan# 21
Delta R.T. -0.431 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:248 Resp: 8347

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.1	114.1#
141	562.7	65.4	98.2#

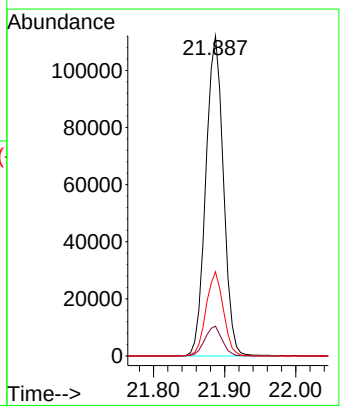


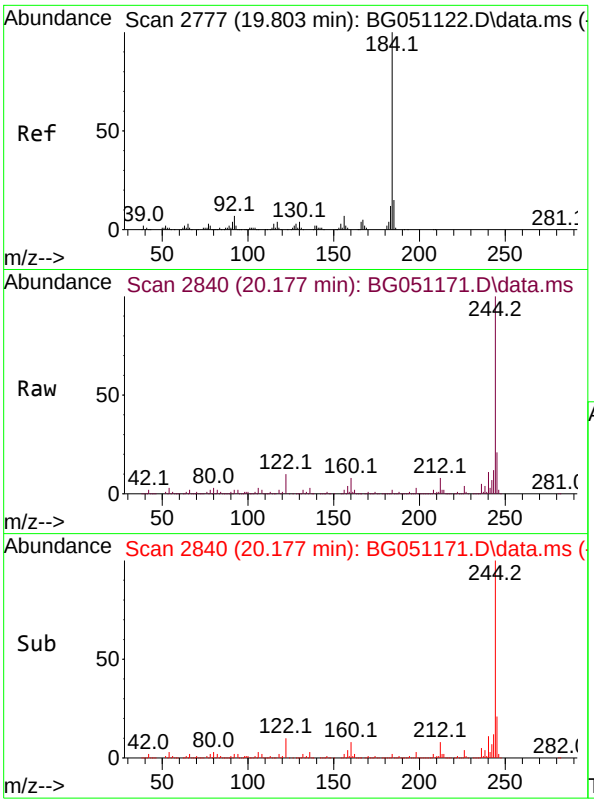


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.887 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:240 Resp: 193047

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.2	6.2#
236	26.3	21.8	32.6



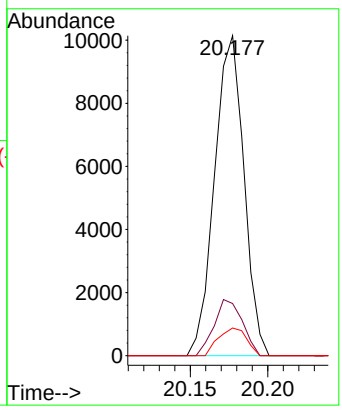


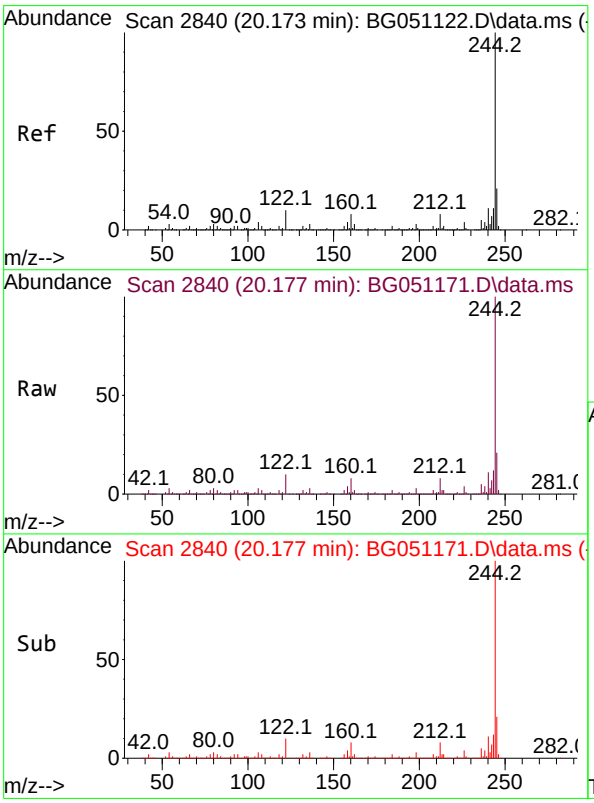
#77
Benzidine
Concen: 4.212 ng
RT: 20.177 min Scan# 2
Delta R.T. 0.374 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:184 Resp: 13352

Ion	Ratio	Lower	Upper
184	100		
185	16.3	10.7	16.1#
183	8.7	9.4	14.0#

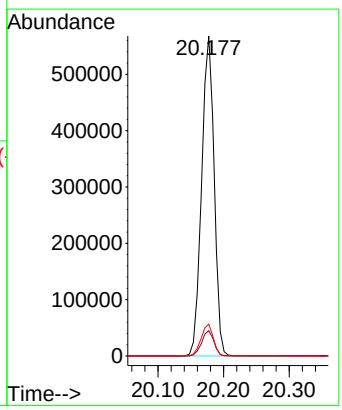


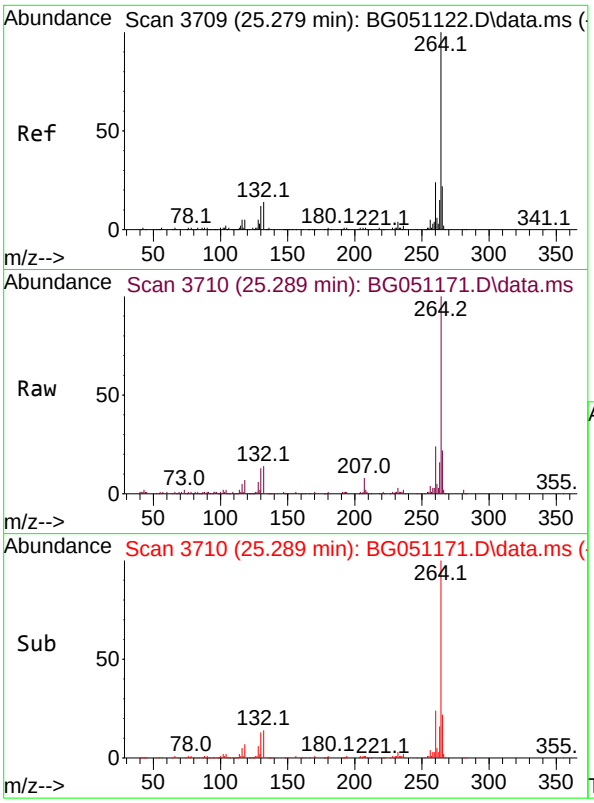


#79
Terphenyl-d14
Concen: 71.543 ng
RT: 20.177 min Scan# 2840
Delta R.T. 0.004 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Tgt Ion:244 Resp: 755495

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	10.0	5.0	7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.289 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG051171.D
Acq: 22 Nov 2021 15:28

Instrument :
BNA_G
ClientSampleId :
CC-4

Tgt Ion:264 Resp: 189801

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	16.9	25.3