Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061148.D
Acq On : 9 May 2024 12:13
Operator : MA/JU
Sample : PB160779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Quant Time: May 09 12:51:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	19930	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	77812	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	63422	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	176354	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	188665	20.000	ng	-0.02
86) Perylene-d12	24.697	264	216731	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	154144	157.295	ng	-0.02
7) Phenol-d6	7.112	99	206875	142.703	ng	-0.02
23) Nitrobenzene-d5	9.092	82	142955	91.073	ng	-0.03
42) 2,4,6-Tribromophenol	16.060	330	171370	135.182	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	399095	93.051	ng	-0.02
79) Terphenyl-d14	19.932	244	1041912	91.848	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.112	77	452	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.092	70	20813	19.184	ng	# 65
51) 2,6-Dinitrotoluene	14.562	165	7935	7.573	ng	# 15
57) 2,4-Dinitrotoluene	14.562	165	7935	5.119	ng	# 17
67) 4-Bromophenyl-phenylether	16.054	248	10700	5.150	ng	# 1
77) Benzidine	19.562	184	656	2.967	ng	# 65

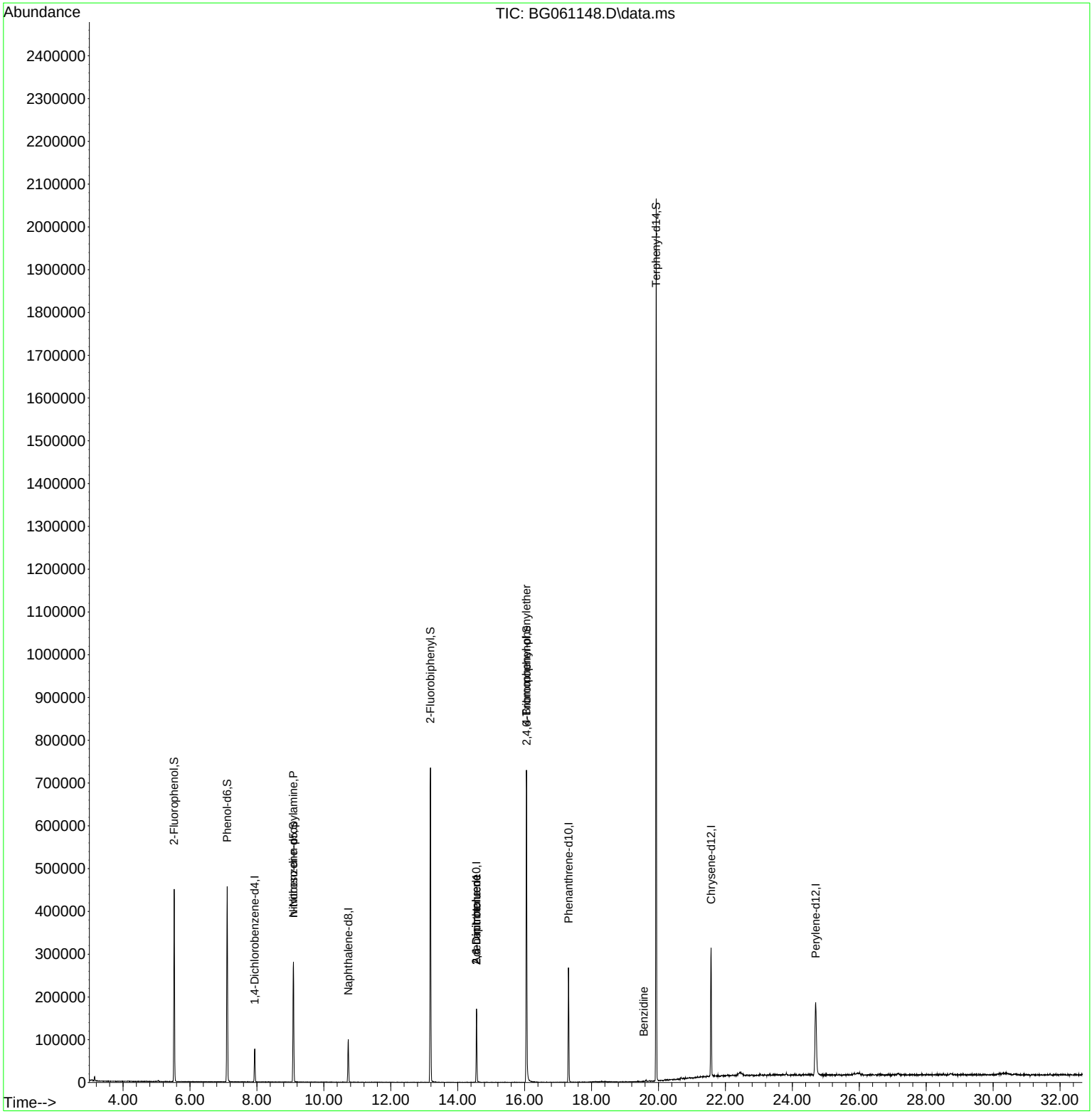
(#) = qualifier out of range (m) = manual integration (+) = signals summed

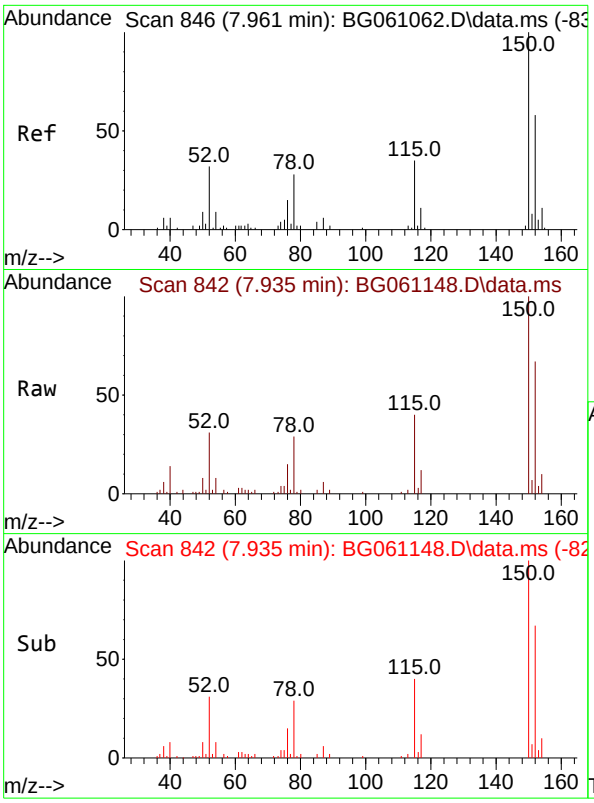
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061148.D
Acq On : 9 May 2024 12:13
Operator : MA/JU
Sample : PB160779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Quant Time: May 09 12:51:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration



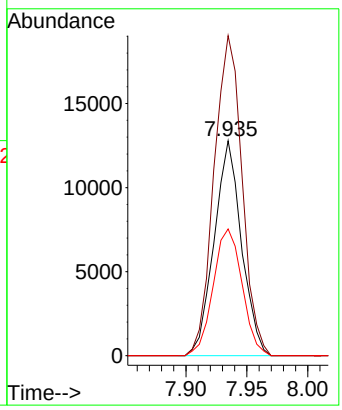


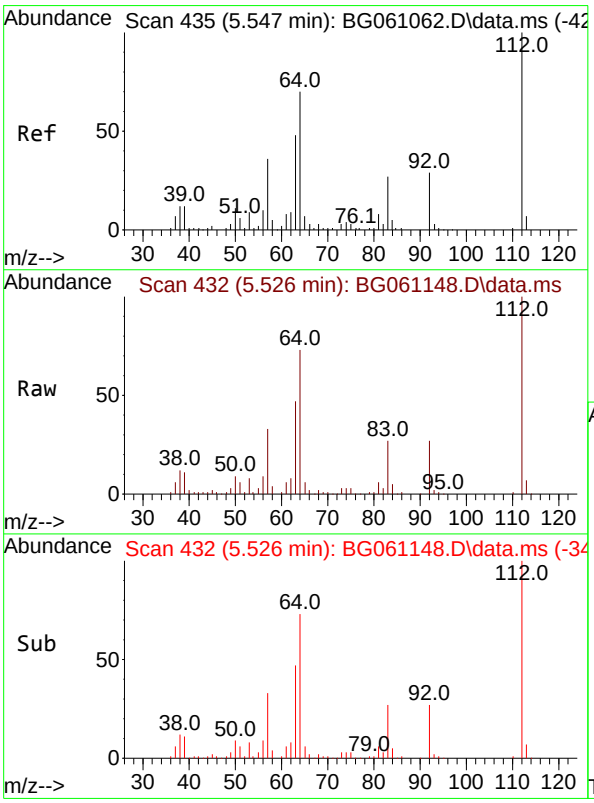
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 84
Delta R.T. -0.026 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:152 Resp: 19930

Ion	Ratio	Lower	Upper
152	100		
150	148.9	138.3	207.5
115	59.0	48.0	72.0

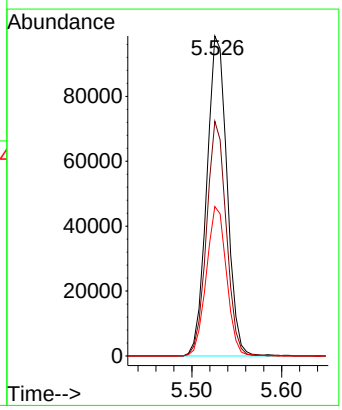


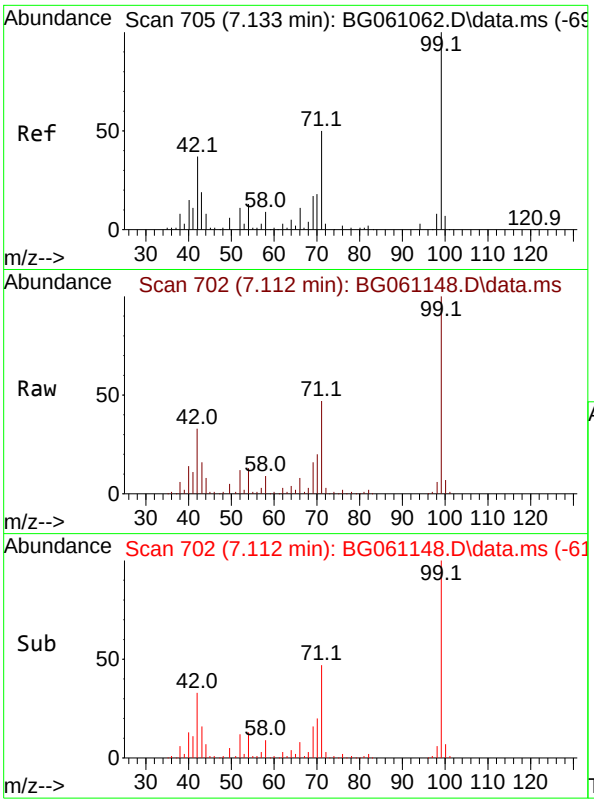


#5
2-Fluorophenol
Concen: 157.295 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:112 Resp: 154144

Ion	Ratio	Lower	Upper
112	100		
64	73.4	55.7	83.5
63	46.7	38.1	57.1



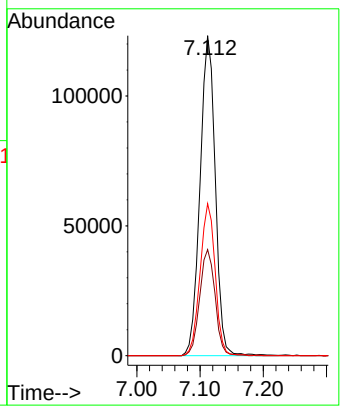


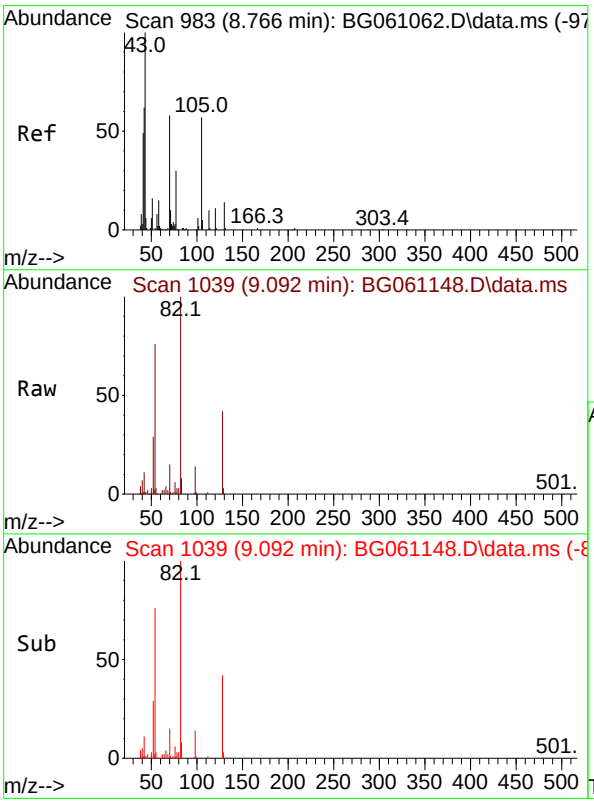
#7
Phenol-d6
Concen: 142.703 ng
RT: 7.112 min Scan# 7(
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion: 99 Resp: 206875

Ion	Ratio	Lower	Upper
99	100		
42	33.1	29.2	43.8
71	47.5	39.7	59.5

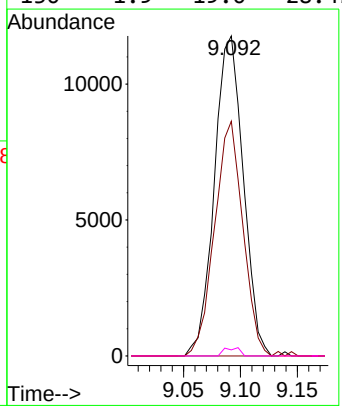


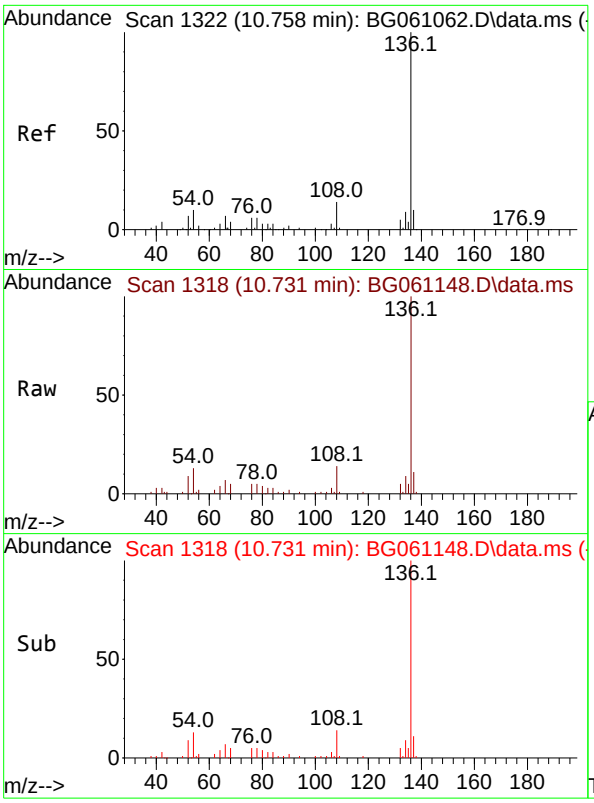


#19
n-Nitroso-di-n-propylamine
Concen: 19.184 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.326 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion: 70 Resp: 20813

Ion	Ratio	Lower	Upper
70	100		
42	73.4	86.4	129.6#
101	0.0	7.8	11.8#
130	1.9	19.0	28.4#



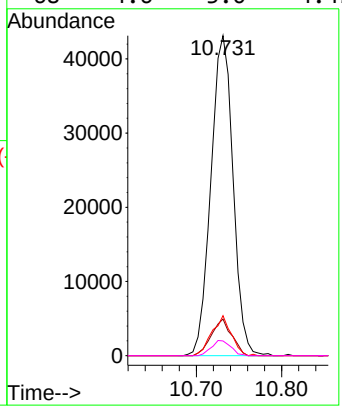


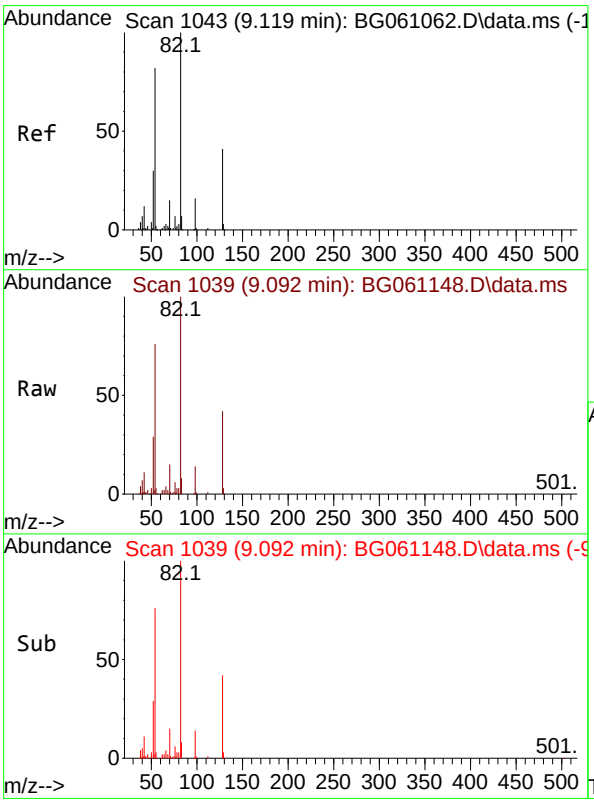
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:136 Resp: 77812

Ion	Ratio	Lower	Upper
136	100		
137	11.5	7.8	11.6
54	12.5	8.1	12.1#
68	4.6	3.0	4.4#

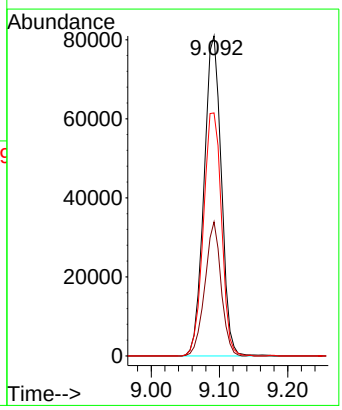


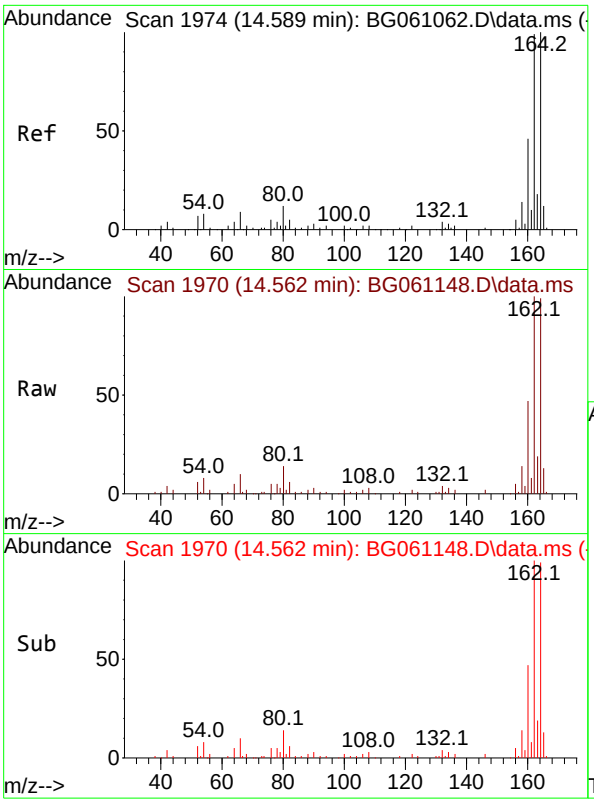


#23
Nitrobenzene-d5
Concen: 91.073 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.027 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion: 82 Resp: 142955

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.7	49.1
54	76.0	65.6	98.4



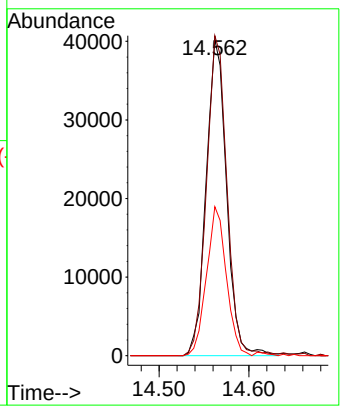


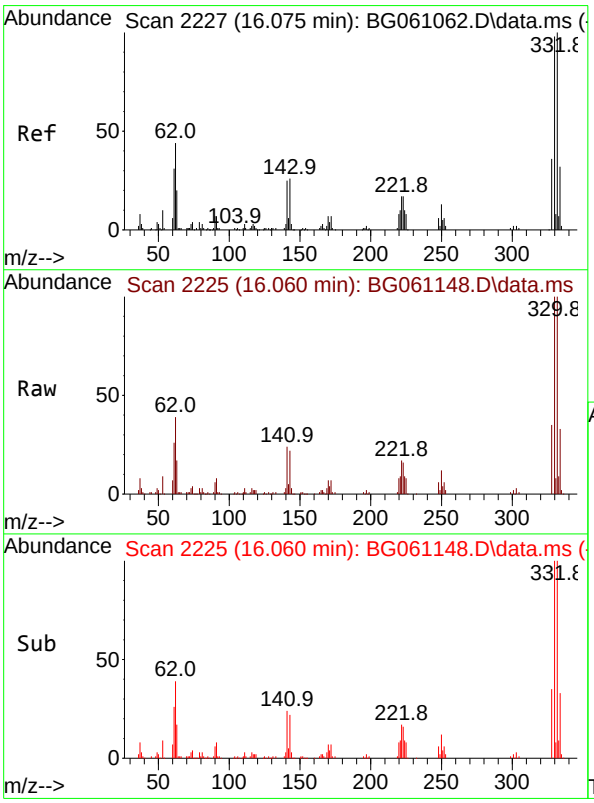
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:164 Resp: 63422

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.4	119.2
160	47.1	37.0	55.6

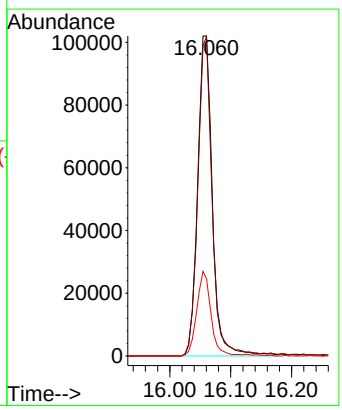


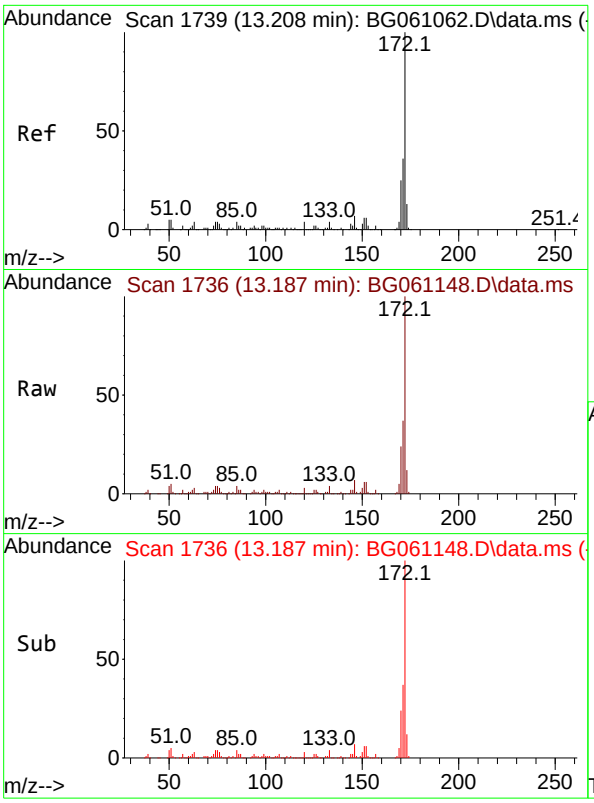


#42
2,4,6-Tribromophenol
Concen: 135.182 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:330 Resp: 171370

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	25.4	20.5	30.7



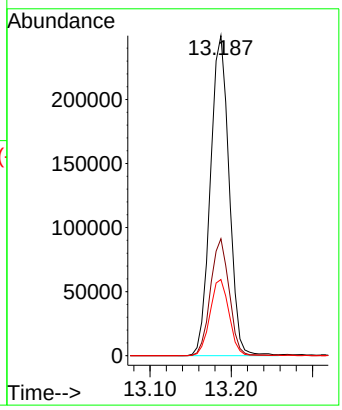


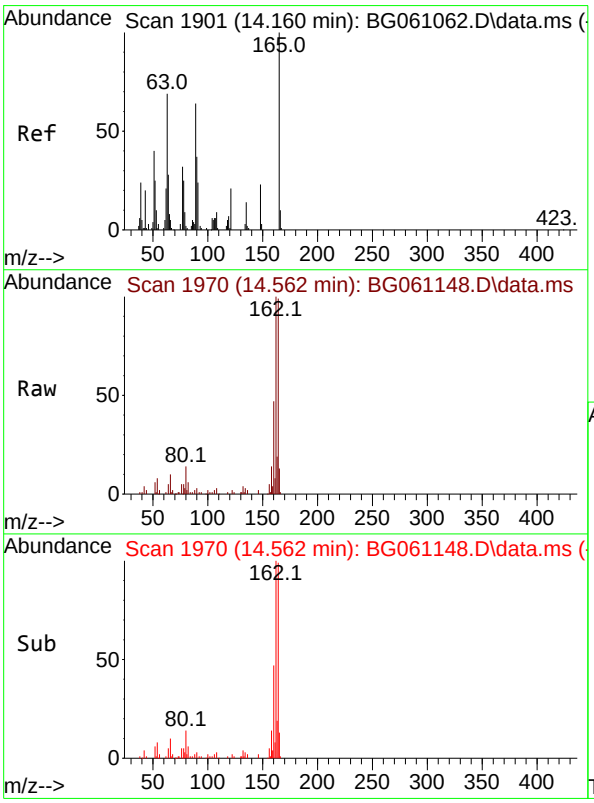
#45
2-Fluorobiphenyl
Concen: 93.051 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:172 Resp: 399095

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	23.8	20.2	30.4

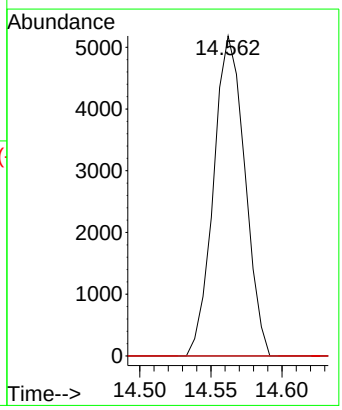


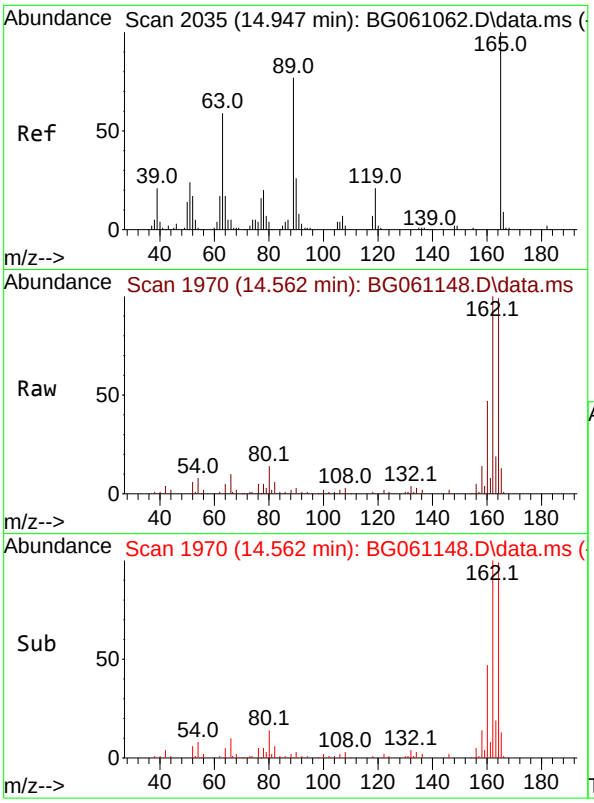


#51
2,6-Dinitrotoluene
Concen: 7.573 ng
RT: 14.562 min Scan# 1970
Delta R.T. 0.402 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:165 Resp: 7935

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.0	90.0#
89	0.0	50.9	76.3#



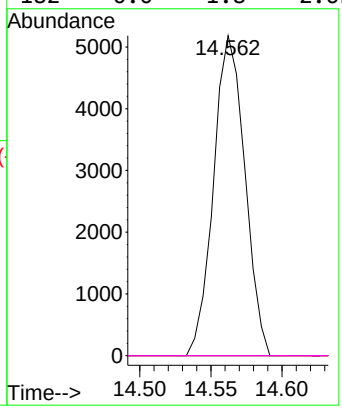


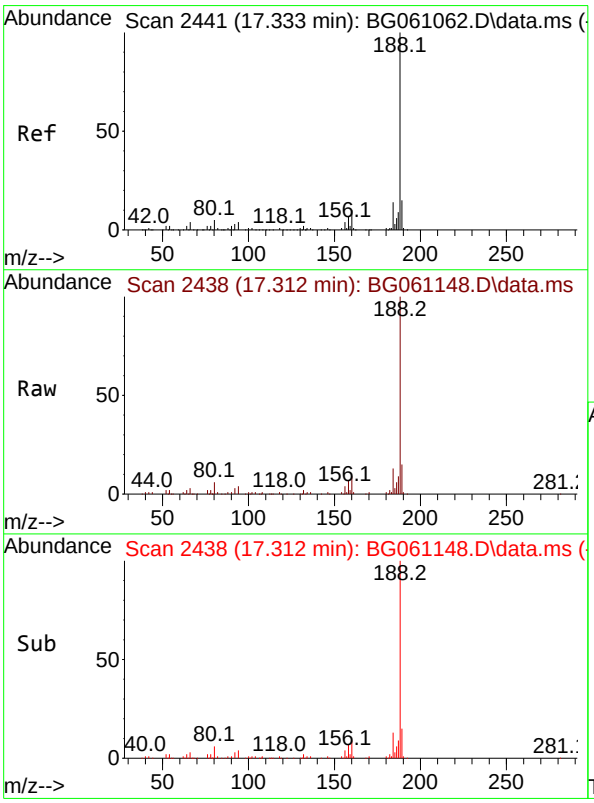
#57
2,4-Dinitrotoluene
Concen: 5.119 ng
RT: 14.562 min Scan# 1
Delta R.T. -0.385 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:165 Resp: 7935

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#

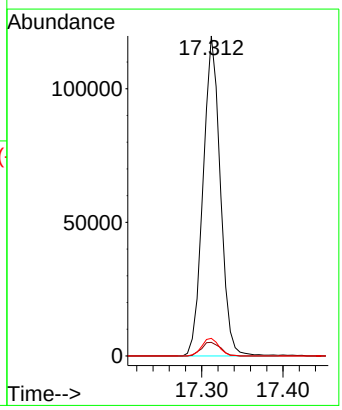


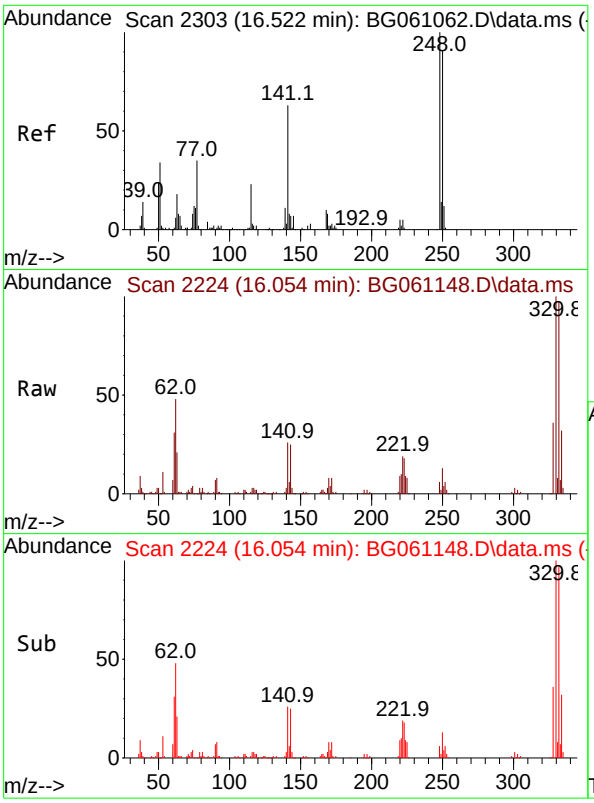


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:188 Resp: 176354

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.6	5.4
80	5.5	4.2	6.2



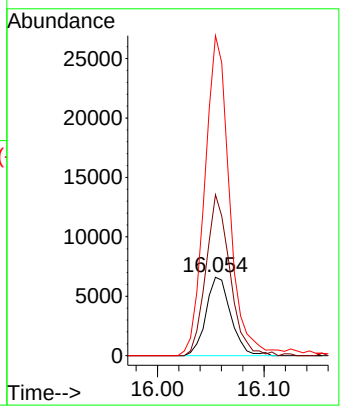


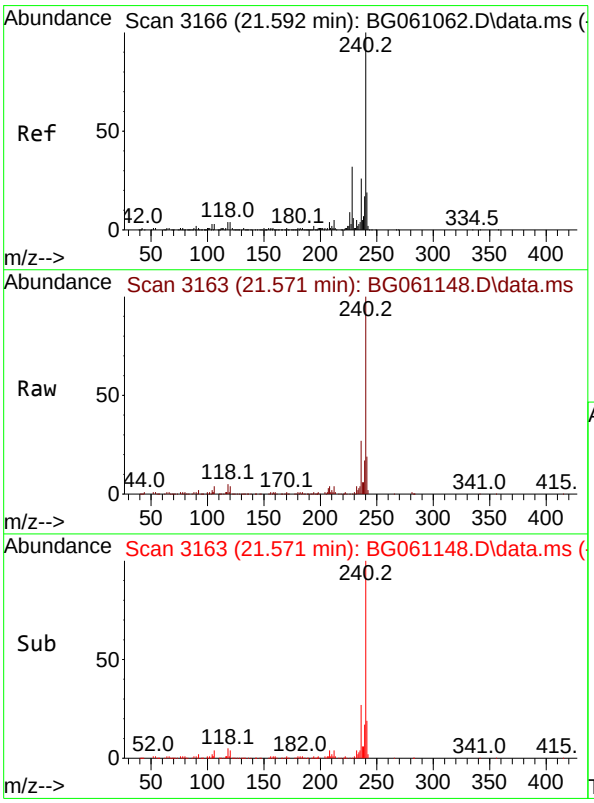
#67
4-Bromophenyl-phenylether
Concen: 5.150 ng
RT: 16.054 min Scan# 2
Delta R.T. -0.468 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:248 Resp: 10700

Ion	Ratio	Lower	Upper
248	100		
250	205.0	73.0	109.4#
141	407.8	50.8	76.2#

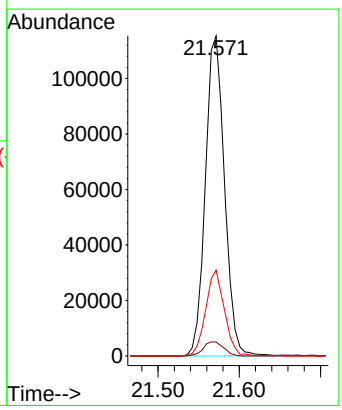


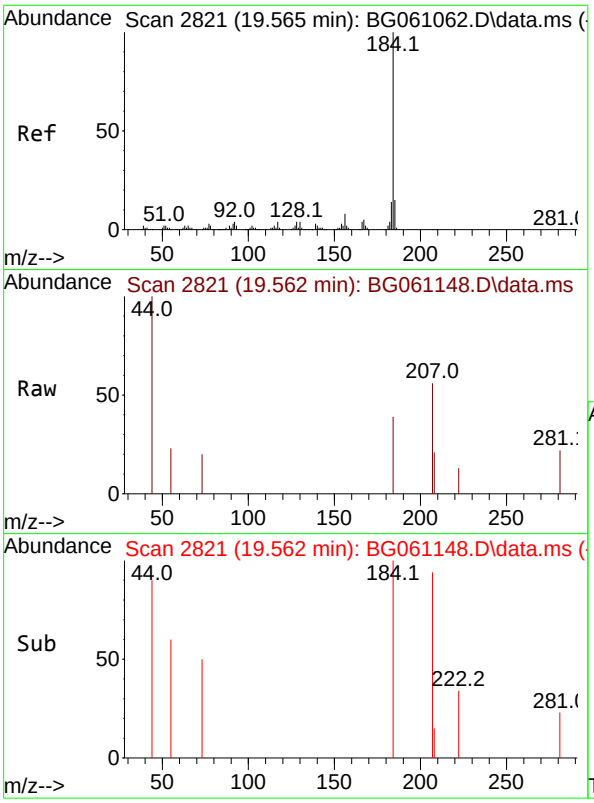


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:240 Resp: 188665

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.2	4.8
236	26.8	21.0	31.6



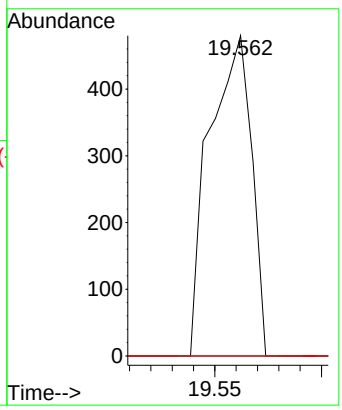


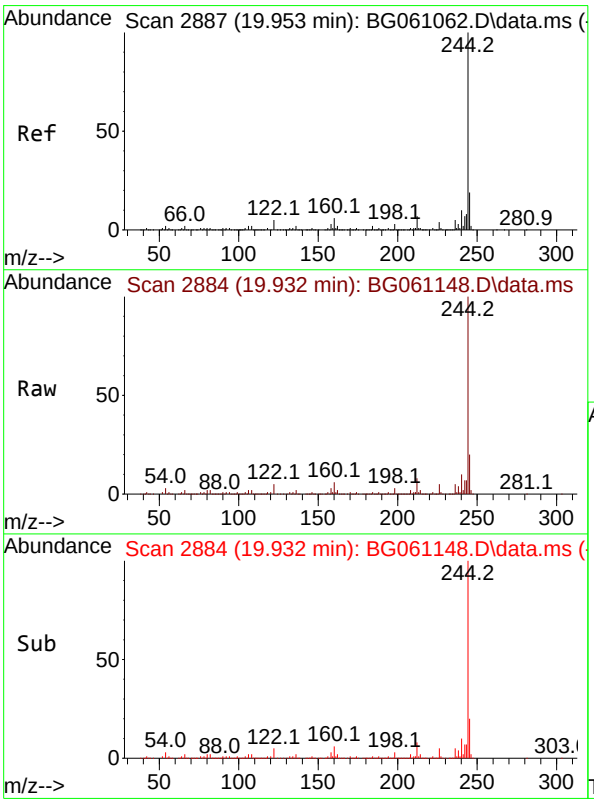
#77
Benzidine
Concen: 2.967 ng
RT: 19.562 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:184 Resp: 656

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.0	18.0#
183	0.0	10.9	16.3#

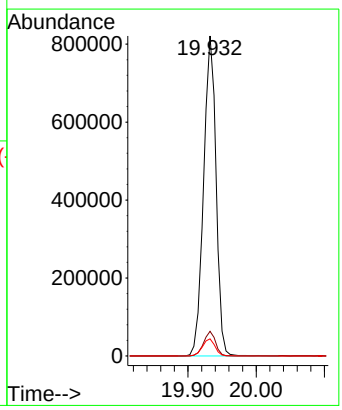


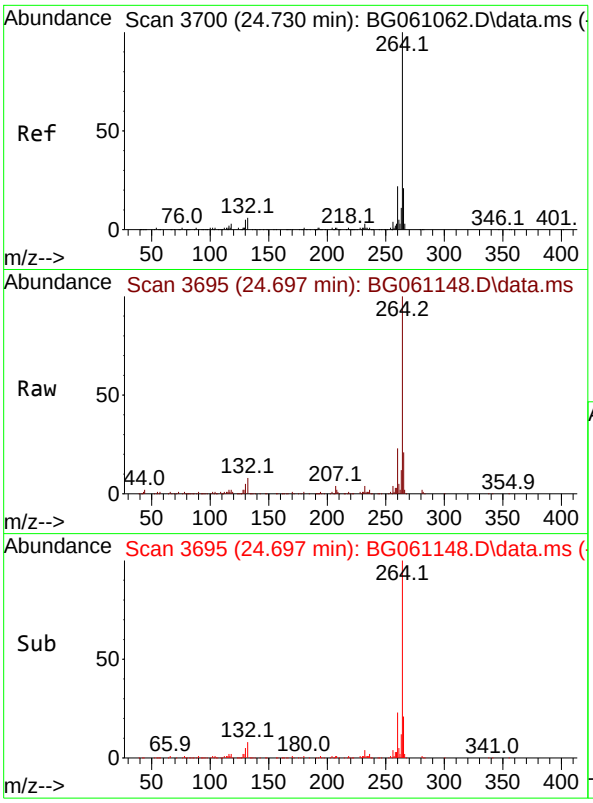


#79
Terphenyl-d14
Concen: 91.848 ng
RT: 19.932 min Scan# 2884
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:244 Resp: 1041912

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	5.4	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3
Delta R.T. -0.033 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:264 Resp: 216731

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	21.2	16.4	24.6