Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061233.D
Acq On : 17 May 2024 11:02
Operator : MA/JU
Sample : PB160948BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Quant Time: May 17 11:47:50 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	7.931	152	16045	20.000	ng	-0.03
21) Naphthalene-d8	10.722	136	64017	20.000	ng	-0.04
39) Acenaphthene-d10	14.559	164	55181	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	160784	20.000	ng	#-0.02
76) Chrysene-d12	21.568	240	183342	20.000	ng	#-0.02
86) Perylene-d12	24.700	264	208058	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	127352	161.421	ng	-0.02
7) Phenol-d6	7.109	99	173796	148.913	ng	-0.02
23) Nitrobenzene-d5	9.083	82	120235	93.105	ng	-0.04
42) 2,4,6-Tribromophenol	16.057	330	145057	131.515	ng	-0.02
45) 2-Fluorobiphenyl	13.184	172	334614	89.668	ng	-0.02
79) Terphenyl-d14	19.929	244	999399	90.658	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.115	77	304	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.083	70	17556	20.100	ng	# 63
51) 2,6-Dinitrotoluene	14.559	165	7149	7.842	ng	# 15
57) 2,4-Dinitrotoluene	14.559	165	7149	5.300	ng	# 17
67) 4-Bromophenyl-phenylether	16.051	248	8704	4.595	ng	# 1
77) Benzidine	19.553	184	2055	3.350	ng	# 65

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

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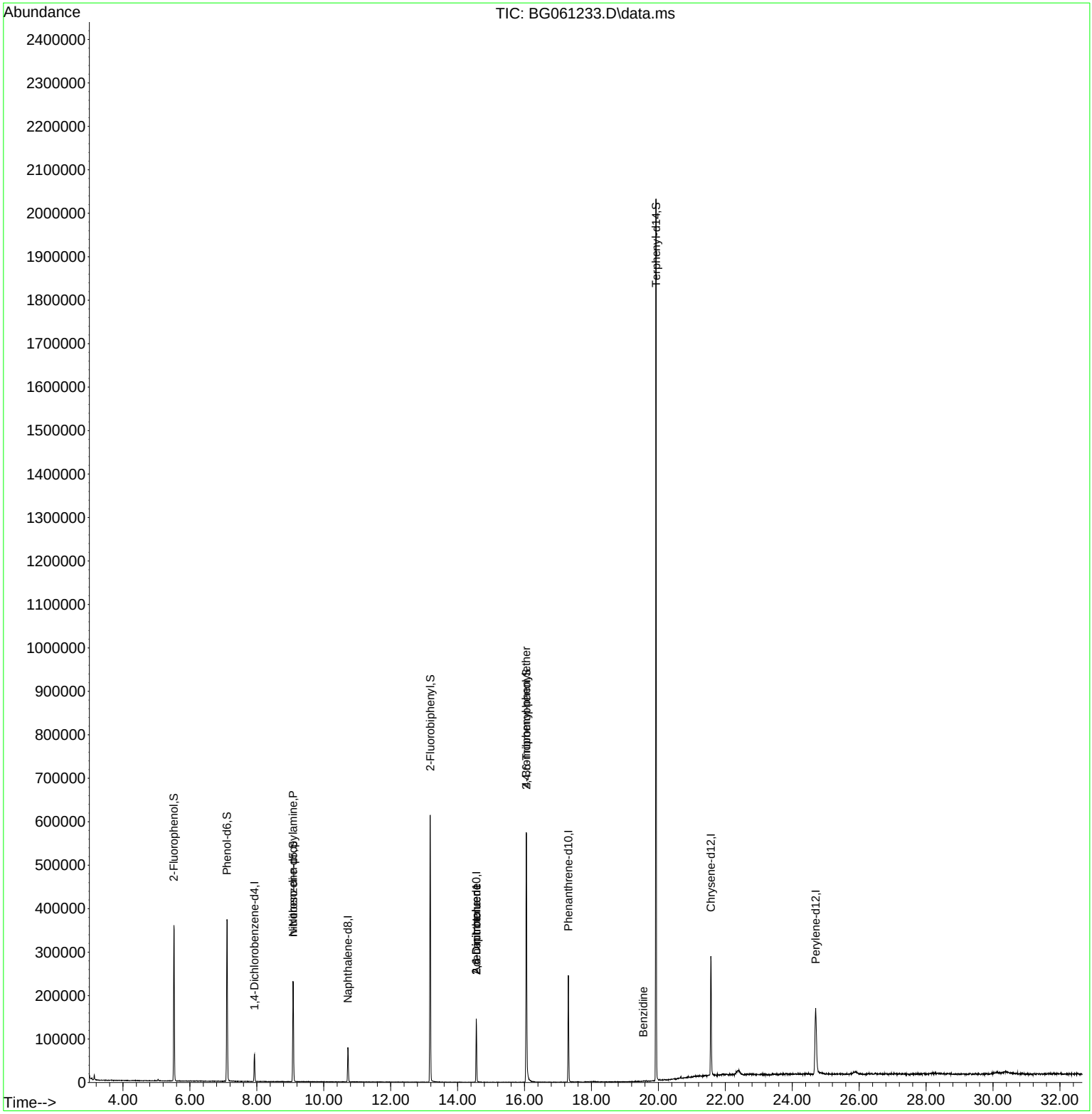
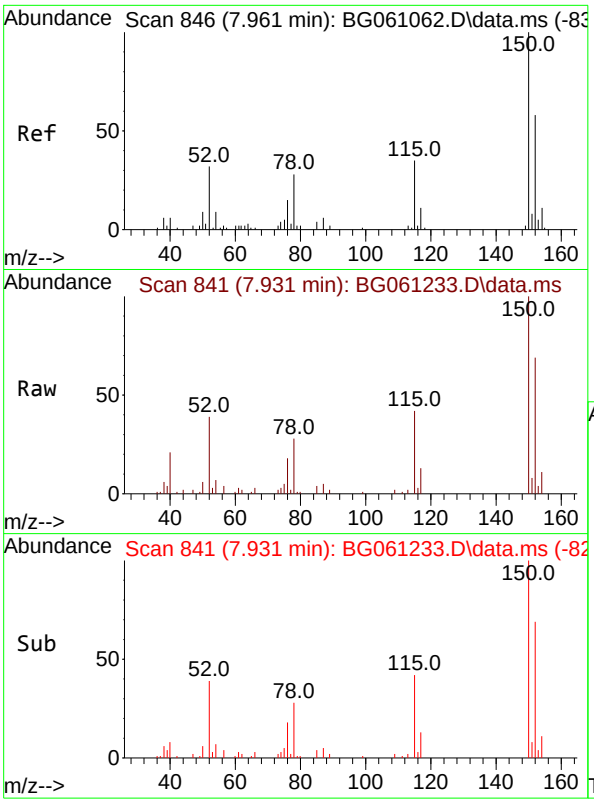


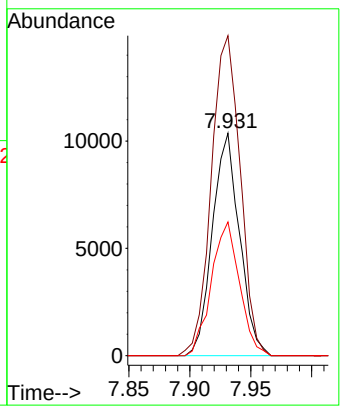


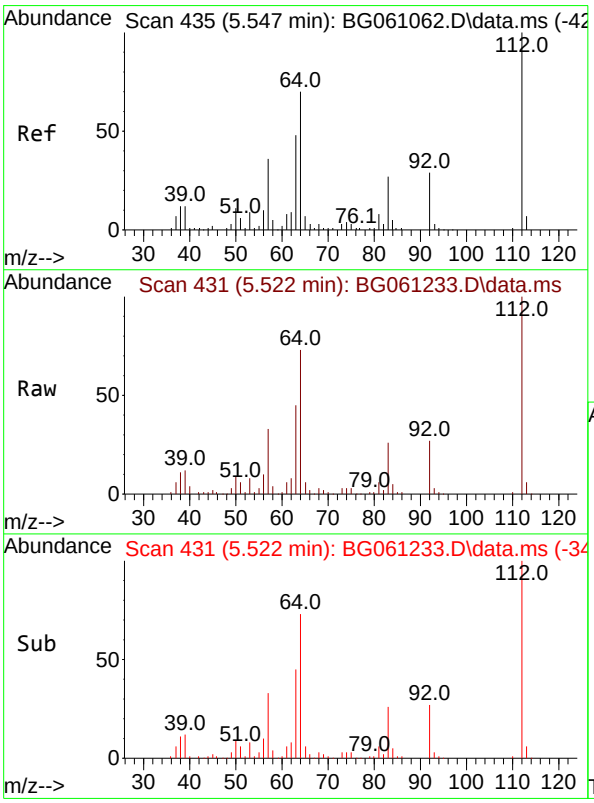
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 84
Delta R.T. -0.030 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:152 Resp: 16045

Ion	Ratio	Lower	Upper
152	100		
150	143.9	138.3	207.5
115	60.1	48.0	72.0

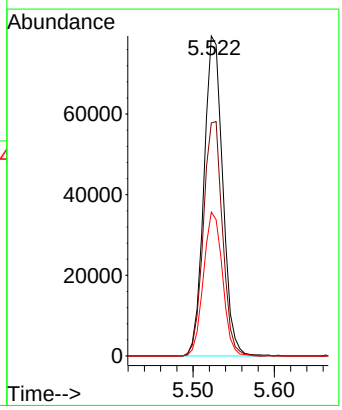


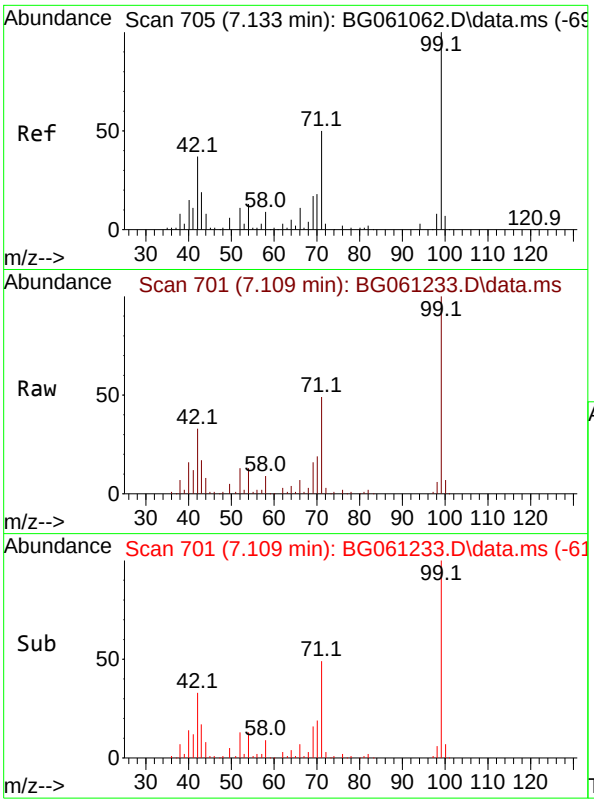


#5
2-Fluorophenol
Concen: 161.421 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.024 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion:112 Resp: 127352

Ion	Ratio	Lower	Upper
112	100		
64	72.8	55.7	83.5
63	44.9	38.1	57.1



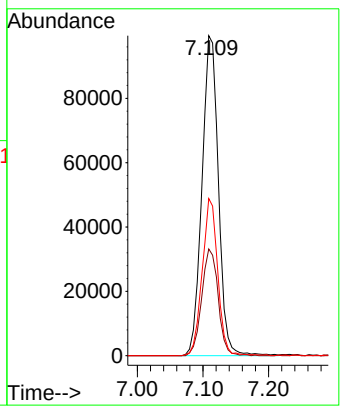


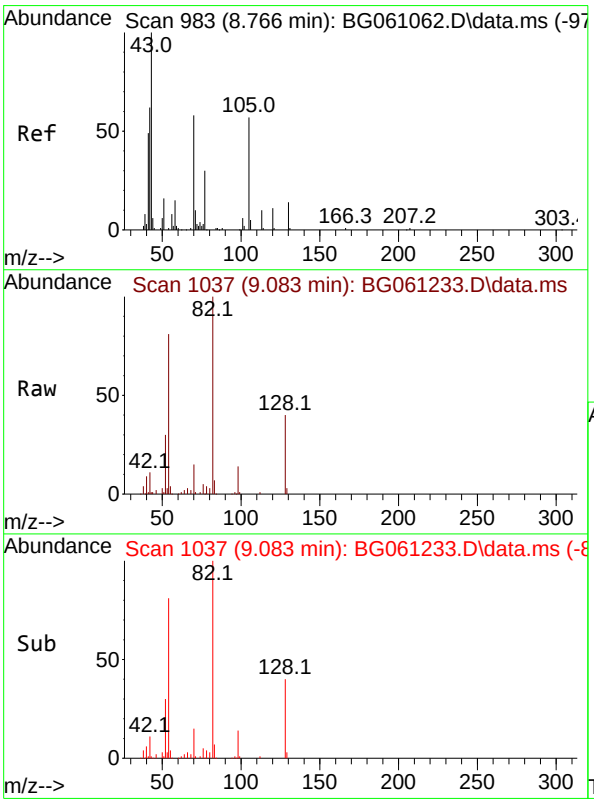
#7
Phenol-d6
Concen: 148.913 ng
RT: 7.109 min Scan# 7
Delta R.T. -0.024 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion: 99 Resp: 173796

Ion	Ratio	Lower	Upper
99	100		
42	33.4	29.2	43.8
71	49.1	39.7	59.5

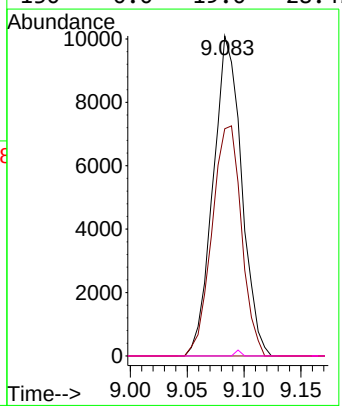


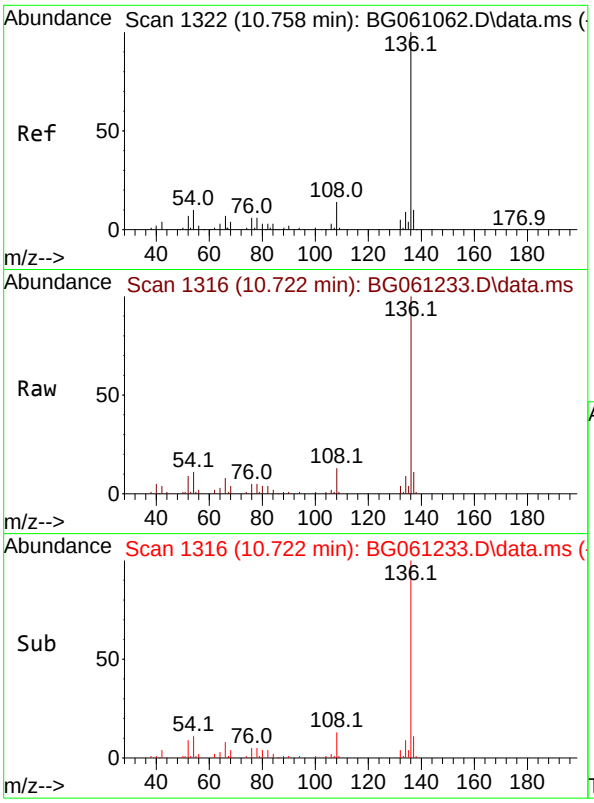


#19
n-Nitroso-di-n-propylamine
Concen: 20.100 ng
RT: 9.083 min Scan# 1037
Delta R.T. 0.317 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion: 70 Resp: 17556

Ion	Ratio	Lower	Upper
70	100		
42	71.0	86.4	129.6#
101	0.0	7.8	11.8#
130	0.0	19.0	28.4#



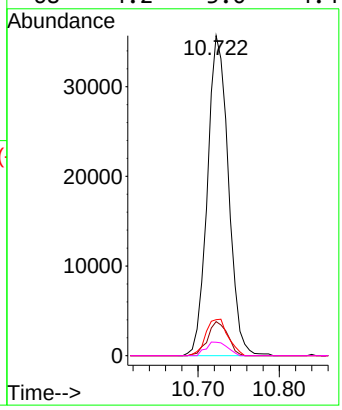


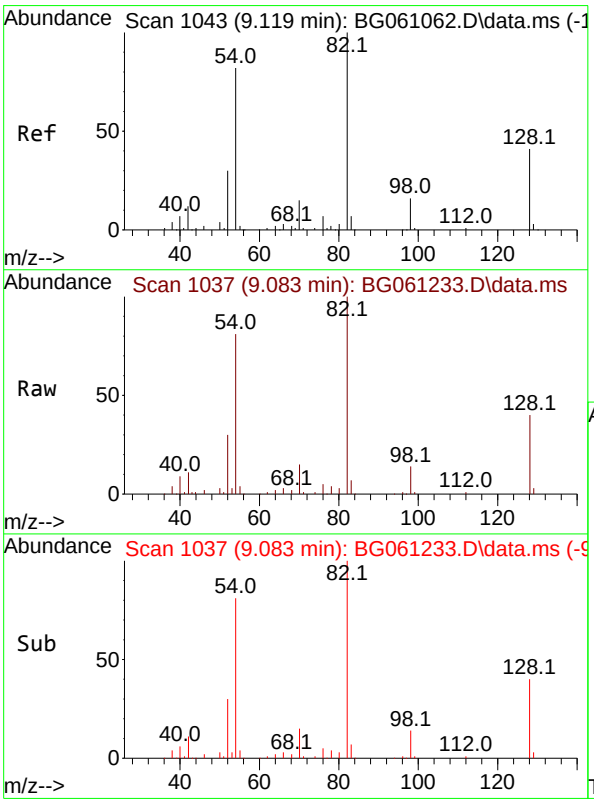
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1
Delta R.T. -0.036 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:136 Resp: 64017

Ion	Ratio	Lower	Upper
136	100		
137	10.6	7.8	11.6
54	11.2	8.1	12.1
68	4.2	3.0	4.4

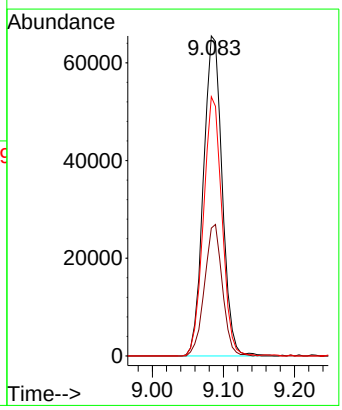


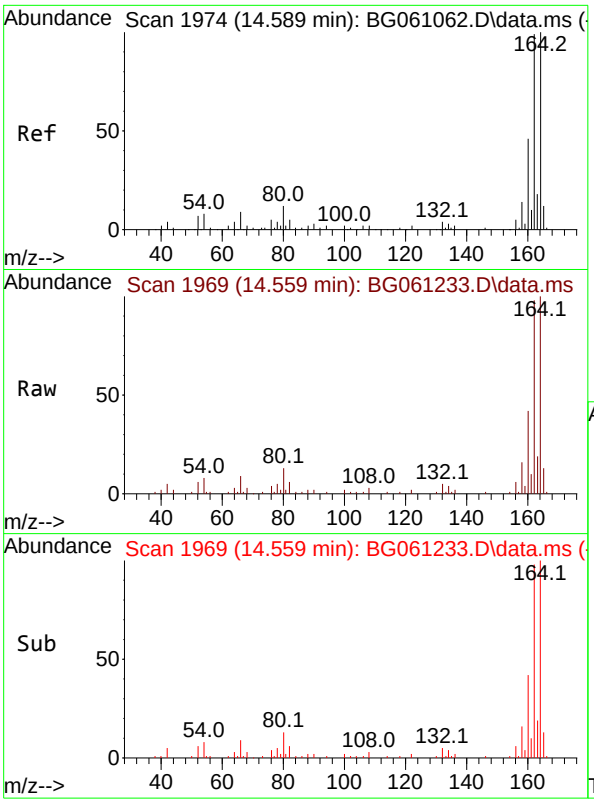


#23
Nitrobenzene-d5
Concen: 93.105 ng
RT: 9.083 min Scan# 1037
Delta R.T. -0.036 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion: 82 Resp: 120235

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.7	49.1
54	81.0	65.6	98.4



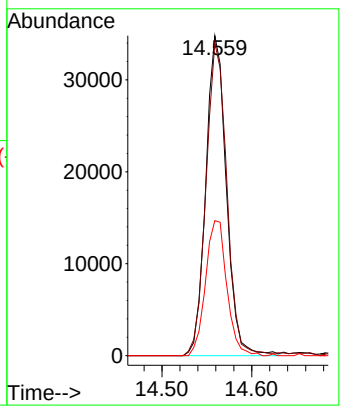


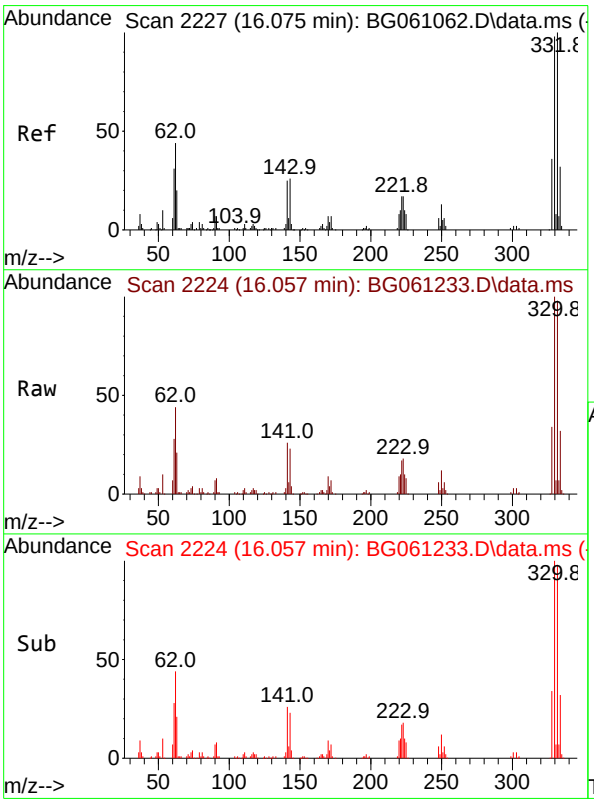
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1
Delta R.T. -0.030 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:164 Resp: 55181

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.4	119.2
160	42.2	37.0	55.6

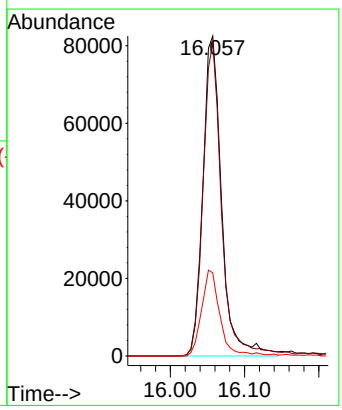


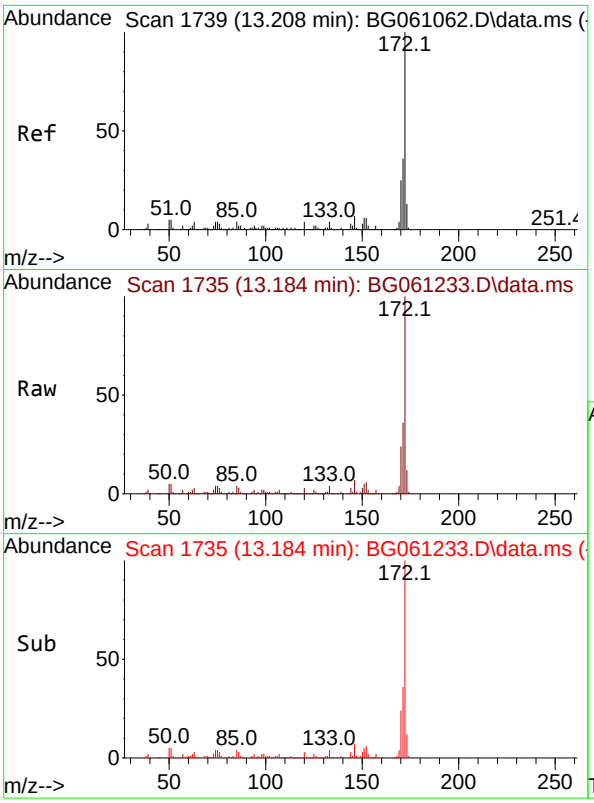


#42
2,4,6-Tribromophenol
Concen: 131.515 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion:330 Resp: 145057

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.6	117.8
141	26.2	20.5	30.7



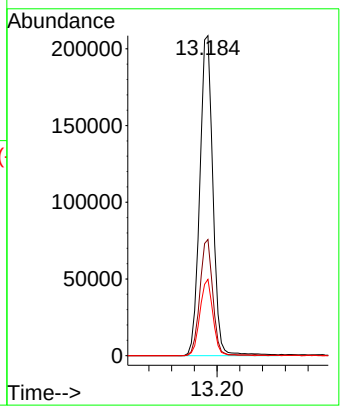


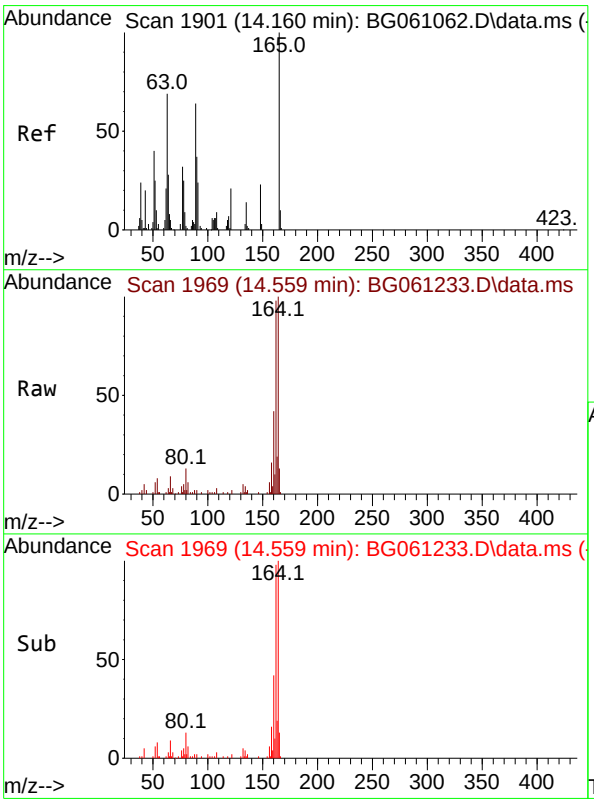
#45
2-Fluorobiphenyl
Concen: 89.668 ng
RT: 13.184 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:172 Resp: 334614

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.9	20.2	30.4

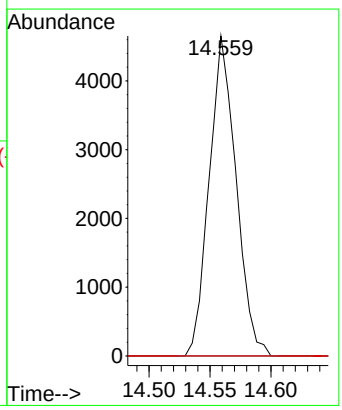


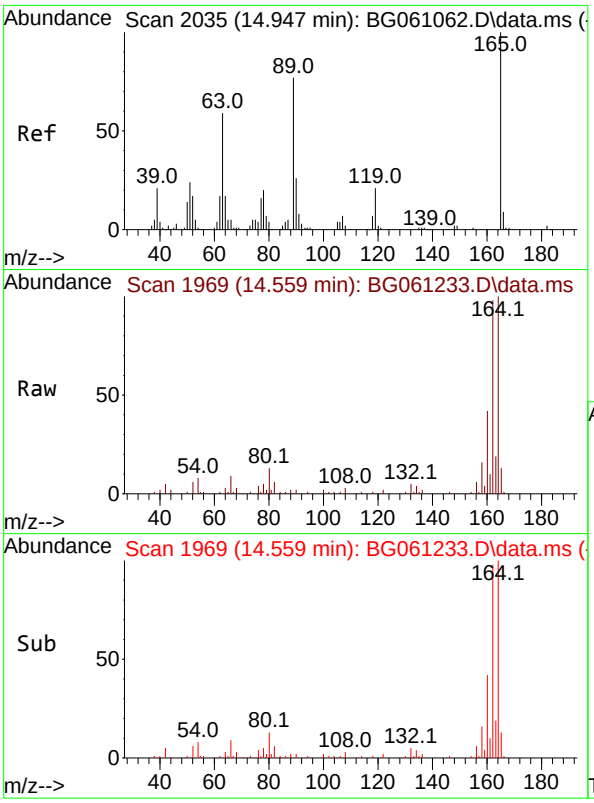


#51
2,6-Dinitrotoluene
Concen: 7.842 ng
RT: 14.559 min Scan# 1969
Delta R.T. 0.399 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion:165 Resp: 7149

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



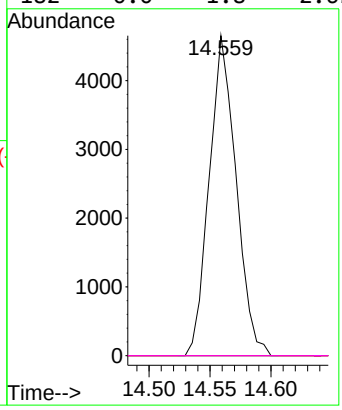


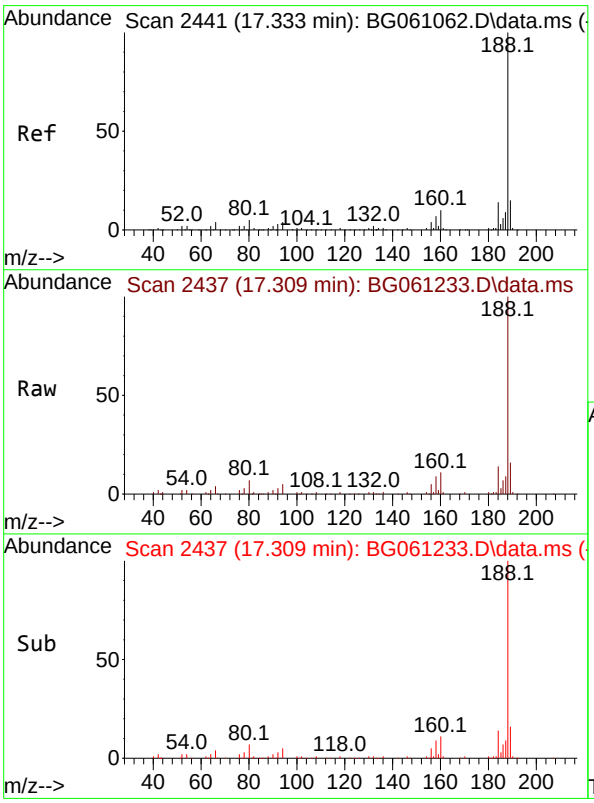
#57
2,4-Dinitrotoluene
Concen: 5.300 ng
RT: 14.559 min Scan# 1
Delta R.T. -0.388 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:165 Resp: 7149

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#

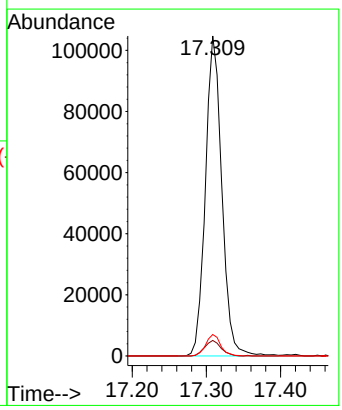


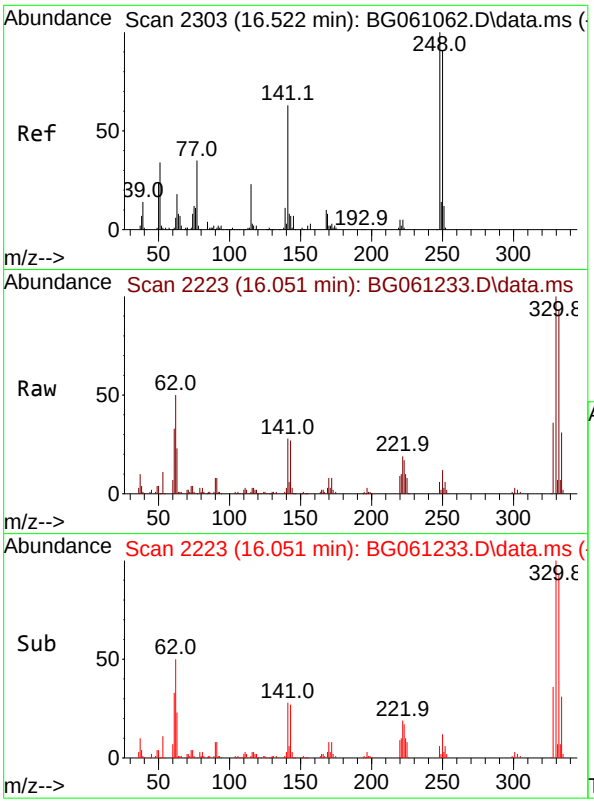


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2437
Delta R.T. -0.024 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion:188 Resp: 160784

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.6	5.4
80	6.7	4.2	6.2#



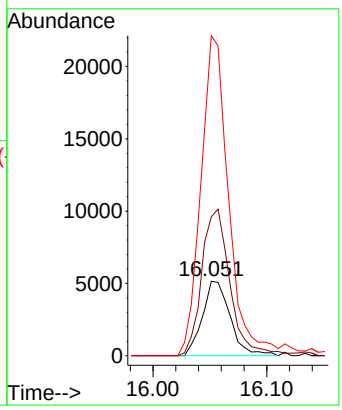


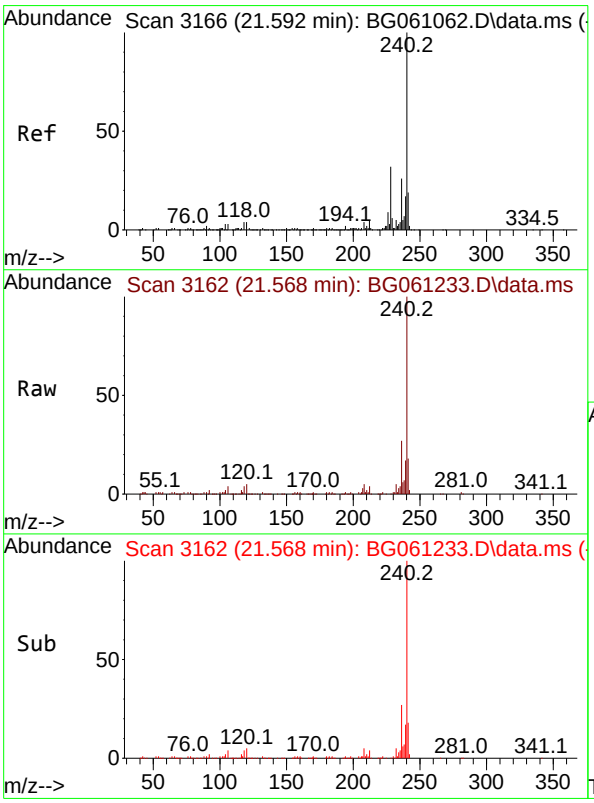
#67
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 16.051 min Scan# 2
Delta R.T. -0.471 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:248 Resp: 8704

Ion	Ratio	Lower	Upper
248	100		
250	186.5	73.0	109.4#
141	429.7	50.8	76.2#

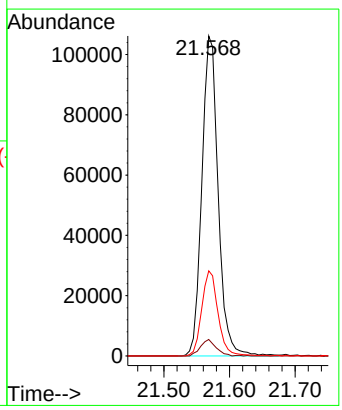


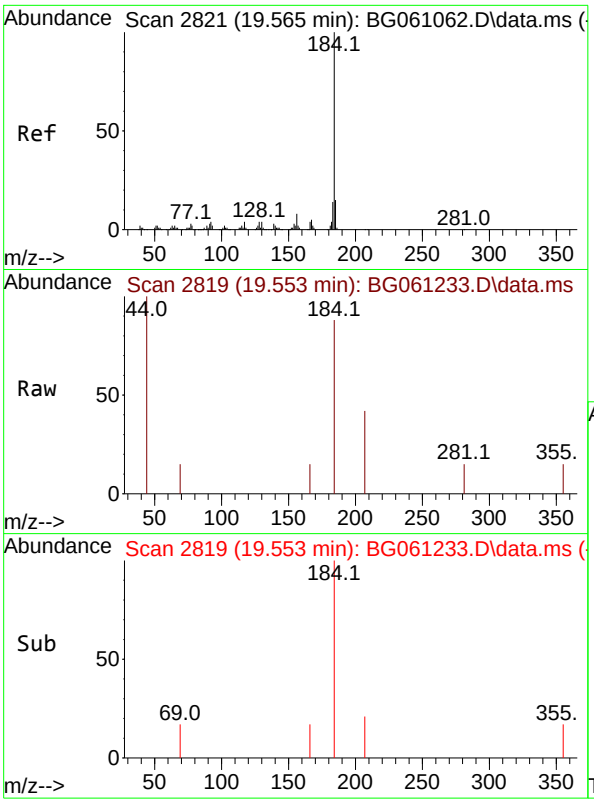


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion:240 Resp: 183342

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.2	4.8#
236	26.6	21.0	31.6



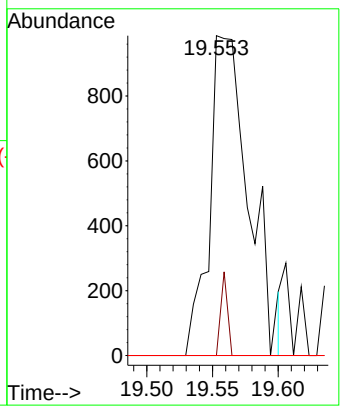


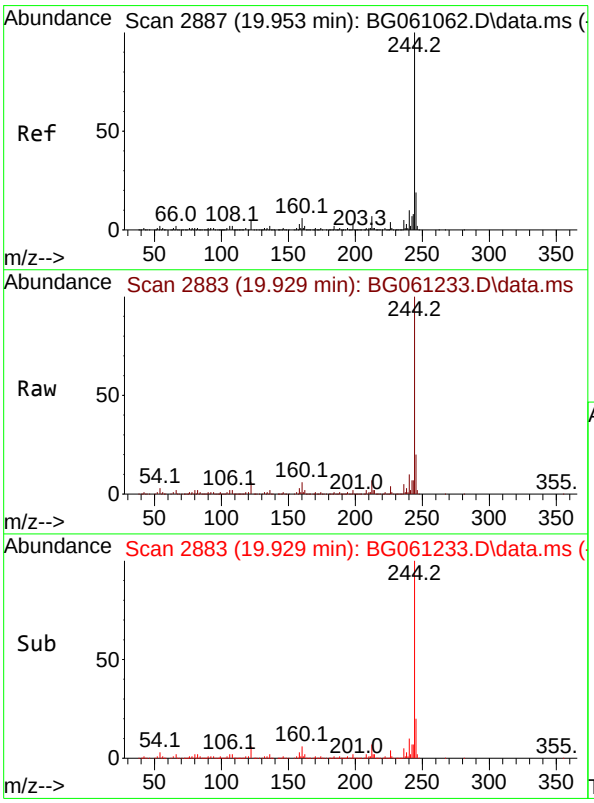
#77
Benzidine
Concen: 3.350 ng
RT: 19.553 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:184 Resp: 2055

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

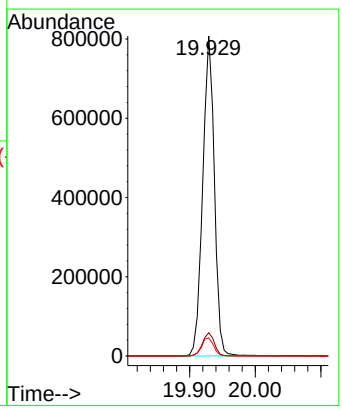


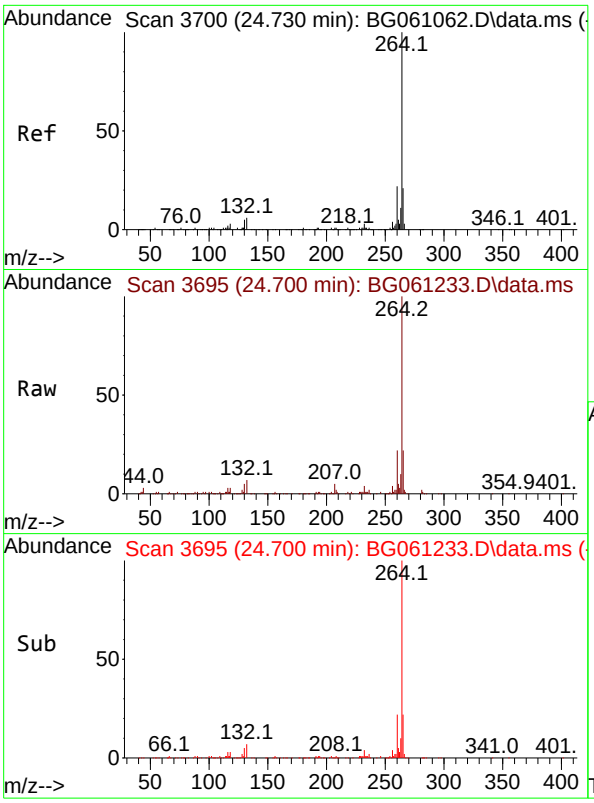


#79
Terphenyl-d14
Concen: 90.658 ng
RT: 19.929 min Scan# 2883
Delta R.T. -0.024 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Tgt Ion:244 Resp: 999399

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	5.6	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.700 min Scan# 3
Delta R.T. -0.030 min
Lab File: BG061233.D
Acq: 17 May 2024 11:02

Instrument :
BNA_G
ClientSampleId :
PB160948BL

Tgt Ion:264 Resp: 208058

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.7	26.5
265	21.8	16.4	24.6