Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061227.D
Acq On : 16 May 2024 19:23
Operator : MA/JU
Sample : P2480-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Quant Time: May 17 01:20:03 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	7.928	152	26285	20.000	ng	-0.03
21) Naphthalene-d8	10.719	136	106554	20.000	ng	#-0.04
39) Acenaphthene-d10	14.556	164	85545	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	195631	20.000	ng	#-0.03
76) Chrysene-d12	21.559	240	189036	20.000	ng	-0.03
86) Perylene-d12	24.679	264	232156	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	113928	88.149	ng	-0.02
7) Phenol-d6	7.112	99	157497	82.375	ng	-0.02
23) Nitrobenzene-d5	9.080	82	113529	52.817	ng	-0.04
42) 2,4,6-Tribromophenol	16.048	330	117193	68.538	ng	-0.03
45) 2-Fluorobiphenyl	13.175	172	308529	53.332	ng	-0.03
79) Terphenyl-d14	19.920	244	544141	47.874	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.100	77	299	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.080	70	17372	12.141	ng	# 64
51) 2,6-Dinitrotoluene	14.556	165	11613	8.217	ng	# 18
57) 2,4-Dinitrotoluene	14.556	165	11613	5.554	ng	# 19
67) 4-Bromophenyl-phenylether	16.042	248	6824	2.961	ng	# 1
77) Benzidine	19.920	184	8669	5.065	ng	# 91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
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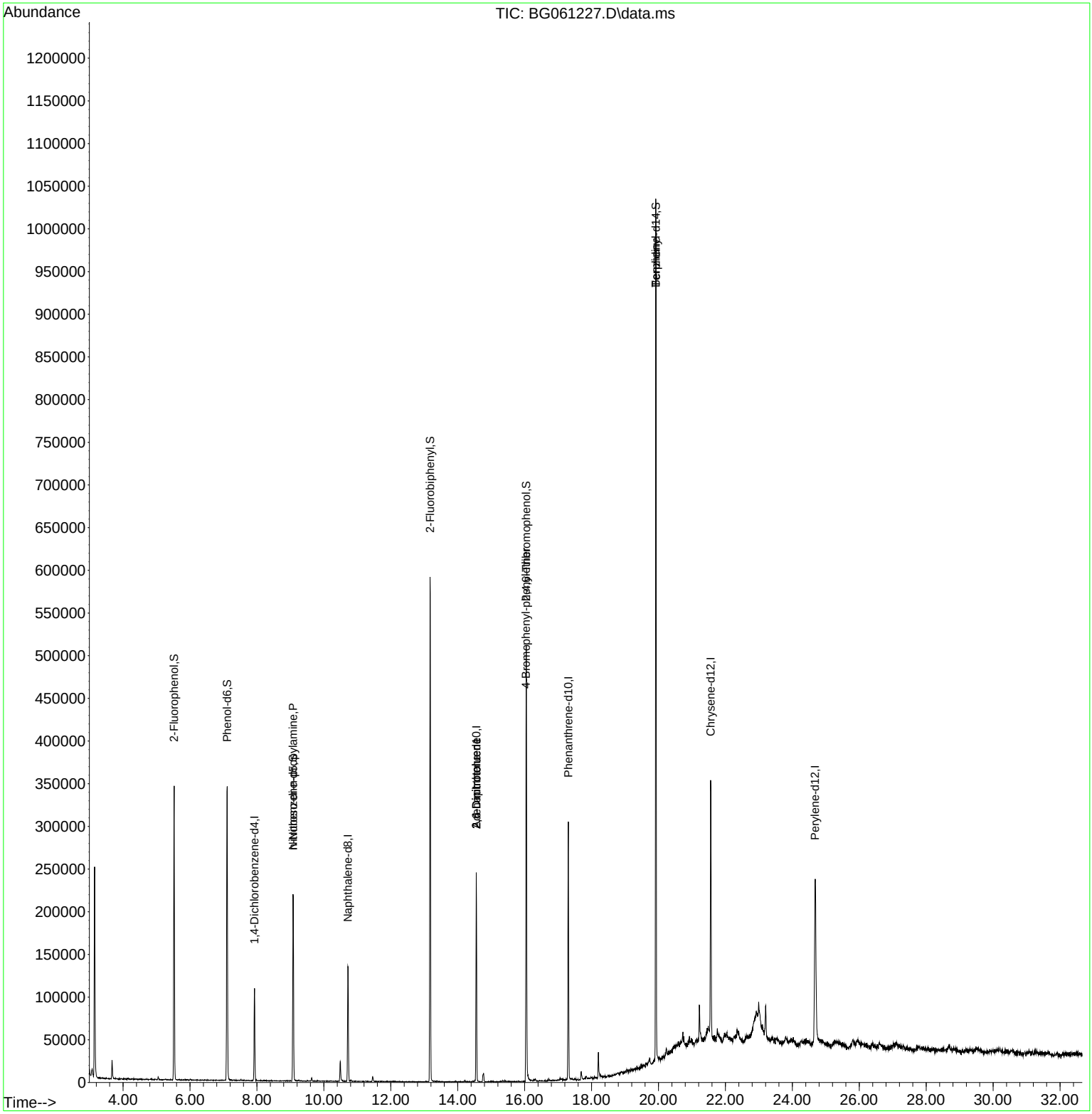
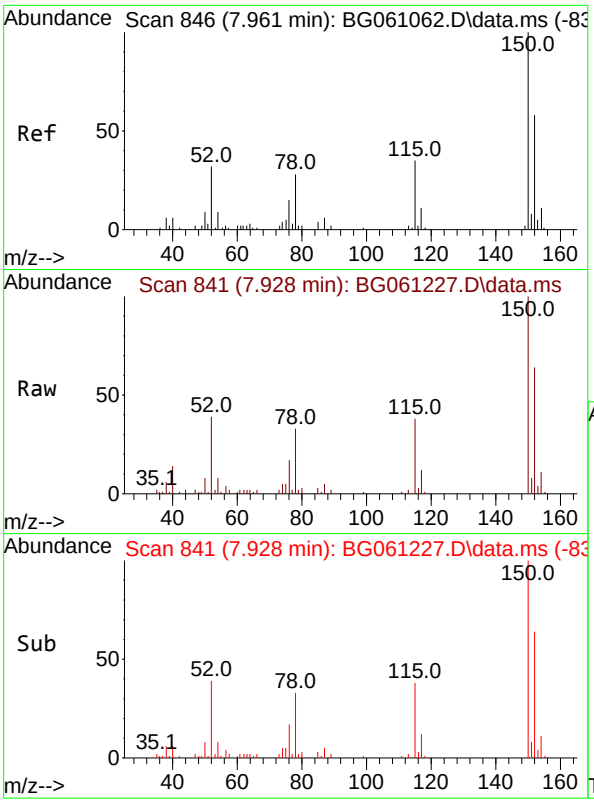


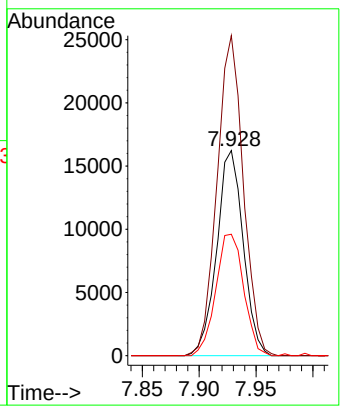


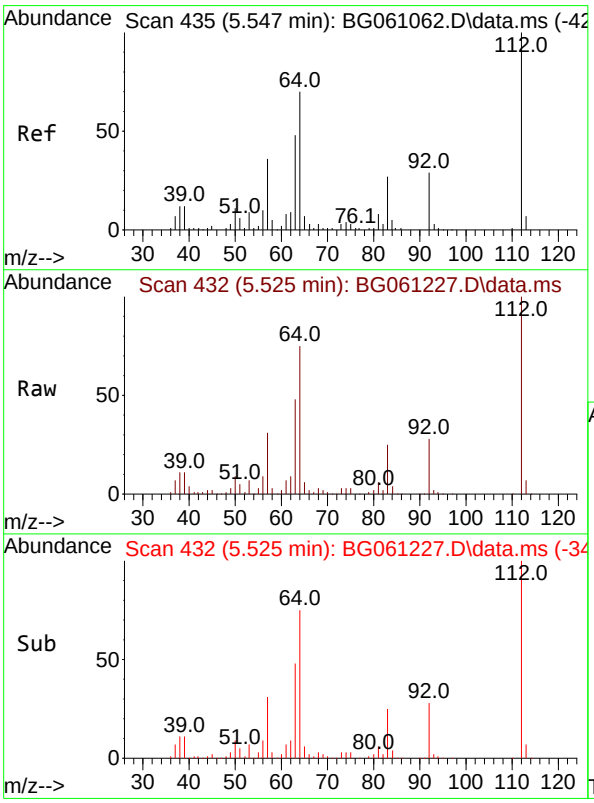
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 84
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:152 Resp: 26285

Ion	Ratio	Lower	Upper
152	100		
150	155.9	138.3	207.5
115	59.2	48.0	72.0

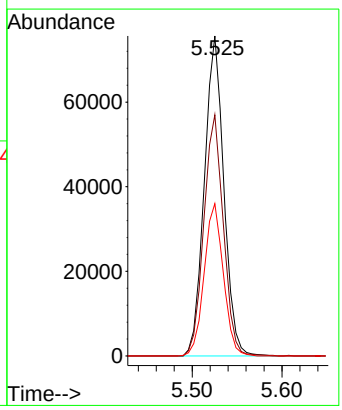


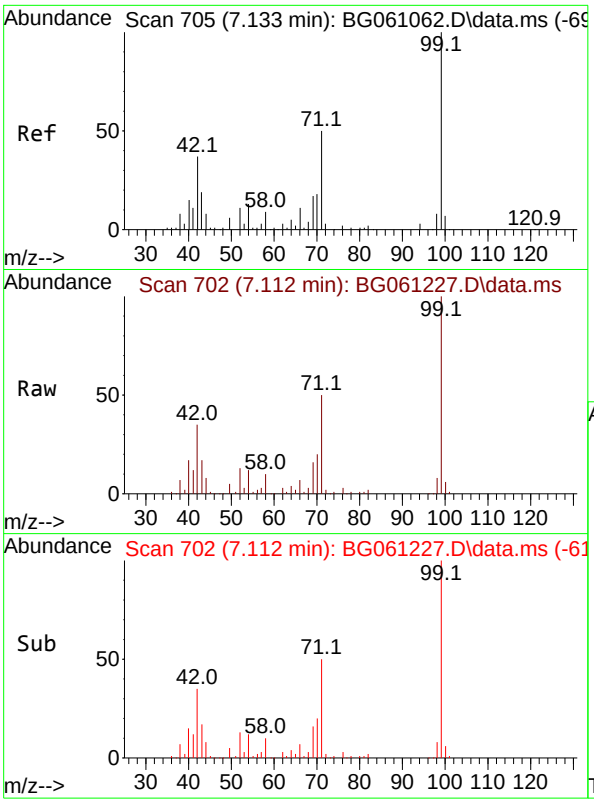


#5
2-Fluorophenol
Concen: 88.149 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:112 Resp: 113928

Ion	Ratio	Lower	Upper
112	100		
64	75.3	55.7	83.5
63	47.6	38.1	57.1



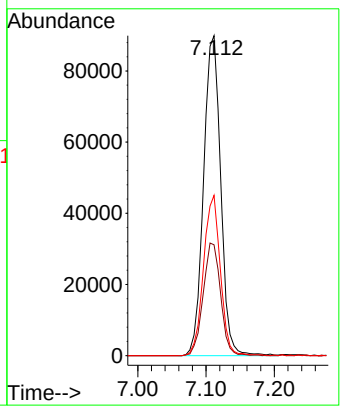


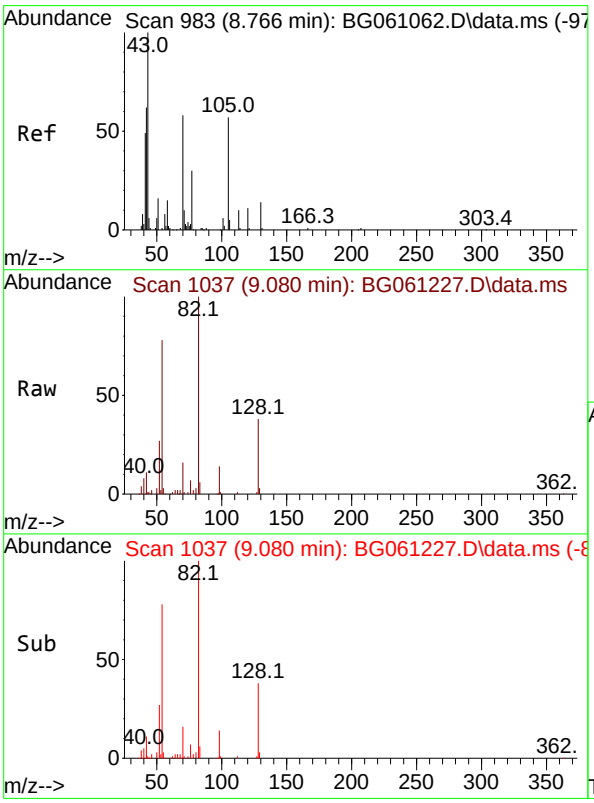
#7
Phenol-d6
Concen: 82.375 ng
RT: 7.112 min Scan# 7
Delta R.T. -0.021 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion: 99 Resp: 157497

Ion	Ratio	Lower	Upper
99	100		
42	34.7	29.2	43.8
71	50.1	39.7	59.5

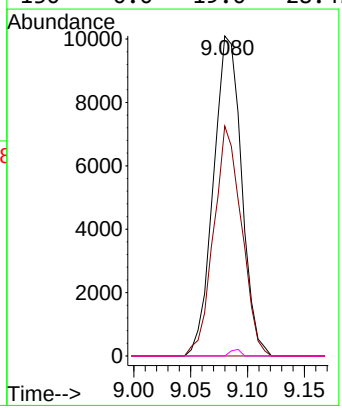


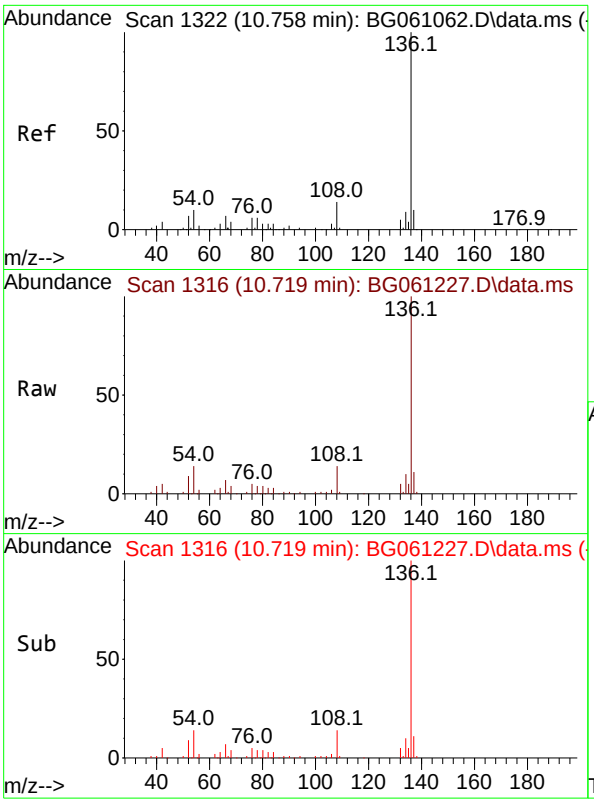


#19
n-Nitroso-di-n-propylamine
Concen: 12.141 ng
RT: 9.080 min Scan# 1037
Delta R.T. 0.314 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion: 70 Resp: 17372

Ion	Ratio	Lower	Upper
70	100		
42	71.8	86.4	129.6#
101	0.0	7.8	11.8#
130	0.0	19.0	28.4#



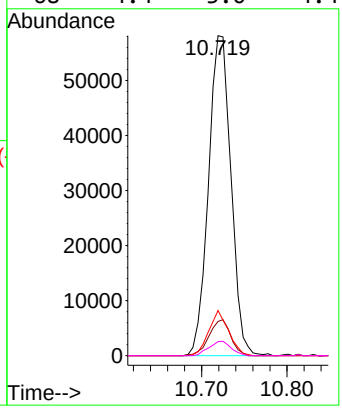


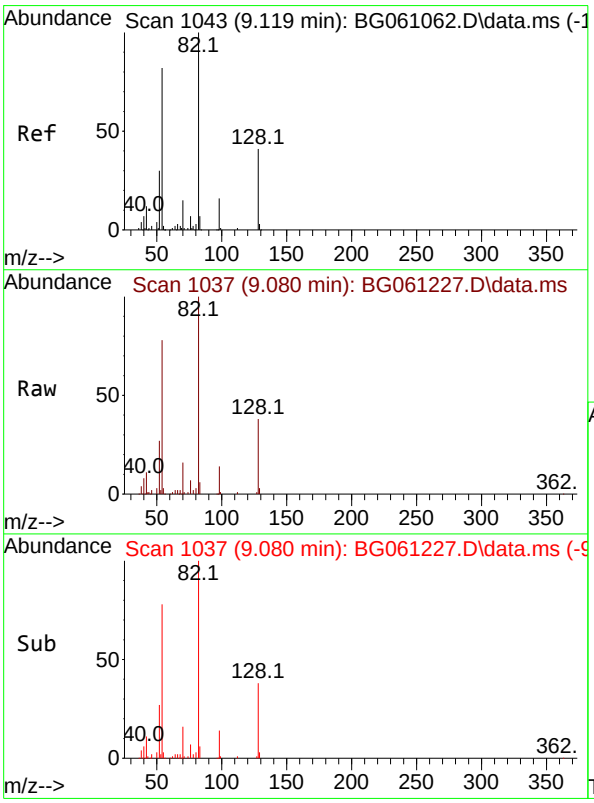
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1
Delta R.T. -0.039 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:136 Resp: 106554

Ion	Ratio	Lower	Upper
136	100		
137	10.7	7.8	11.6
54	14.1	8.1	12.1#
68	4.4	3.0	4.4

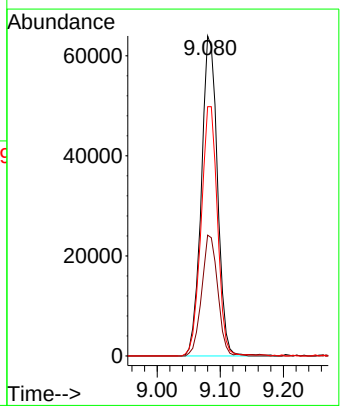


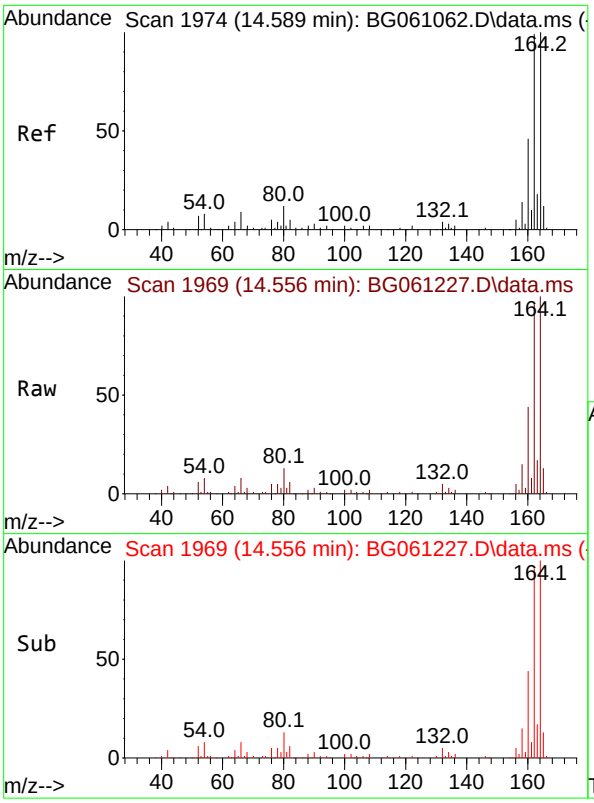


#23
Nitrobenzene-d5
Concen: 52.817 ng
RT: 9.080 min Scan# 1037
Delta R.T. -0.039 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion: 82 Resp: 113529

Ion	Ratio	Lower	Upper
82	100		
128	37.8	32.7	49.1
54	77.9	65.6	98.4



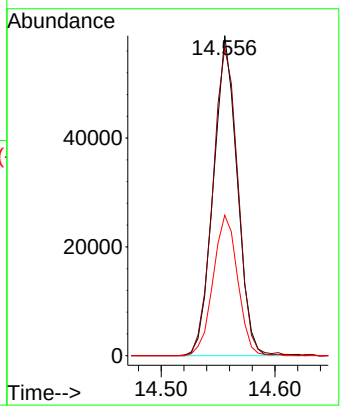


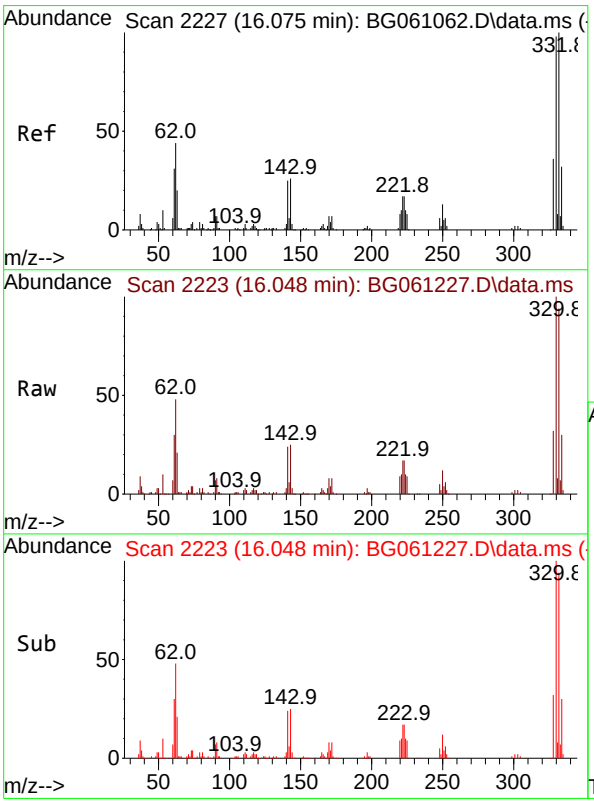
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:164 Resp: 85545

Ion	Ratio	Lower	Upper
164	100		
162	96.3	79.4	119.2
160	43.9	37.0	55.6

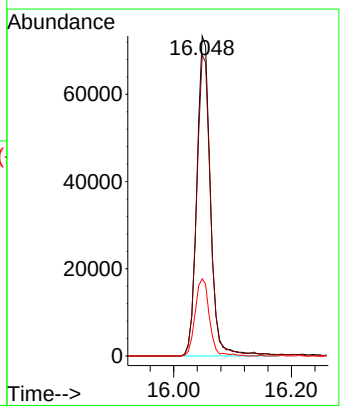


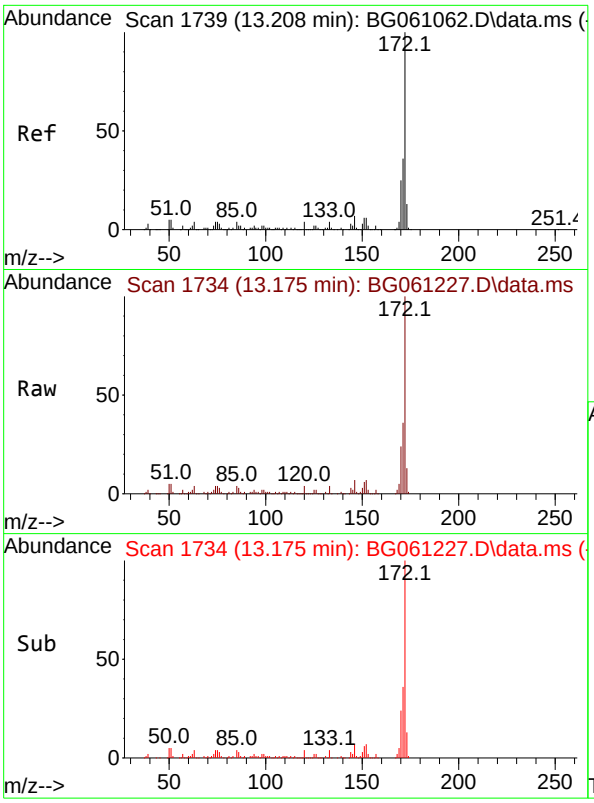


#42
2,4,6-Tribromophenol
Concen: 68.538 ng
RT: 16.048 min Scan# 2223
Delta R.T. -0.027 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:330 Resp: 117193

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.6	117.8
141	25.3	20.5	30.7



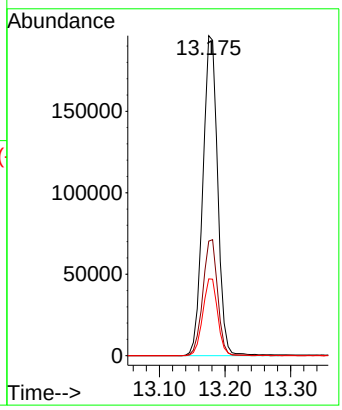


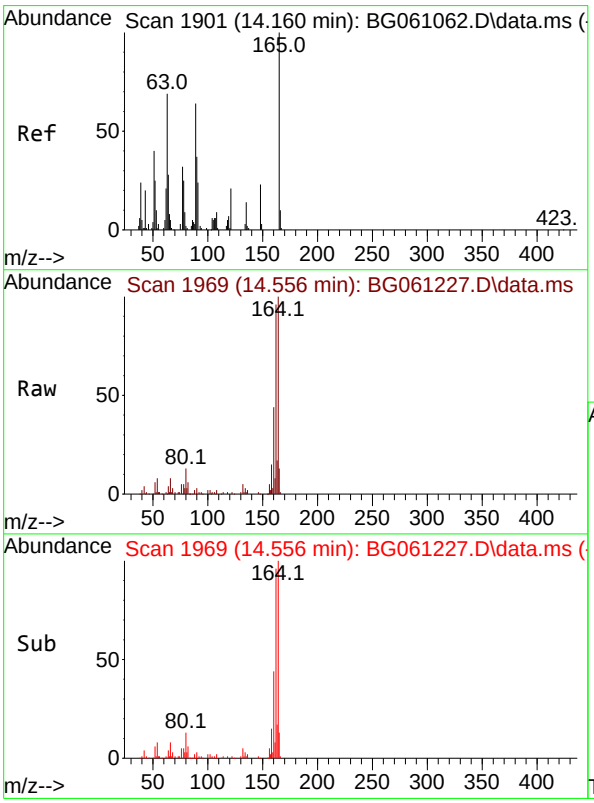
#45
2-Fluorobiphenyl
Concen: 53.332 ng
RT: 13.175 min Scan# 1
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:172 Resp: 308529

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.0	20.2	30.4

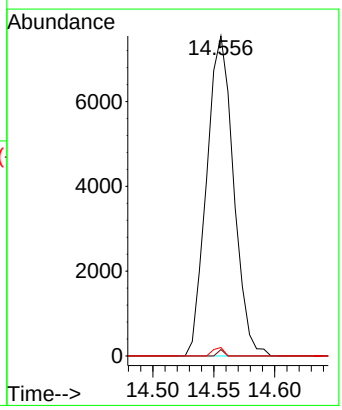


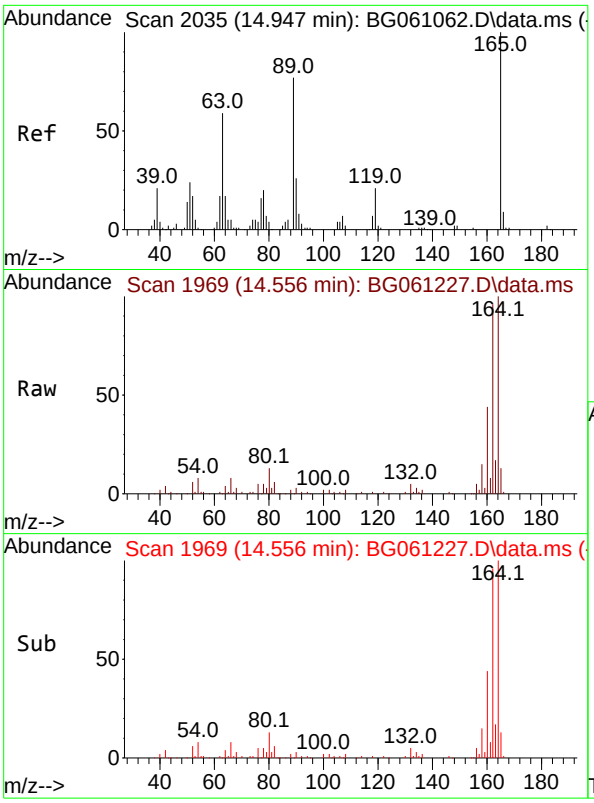


#51
2,6-Dinitrotoluene
Concen: 8.217 ng
RT: 14.556 min Scan# 1969
Delta R.T. 0.396 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:165 Resp: 11613

Ion	Ratio	Lower	Upper
165	100		
63	2.0	60.0	90.0#
89	2.6	50.9	76.3#



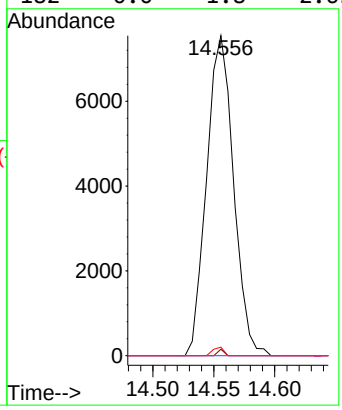


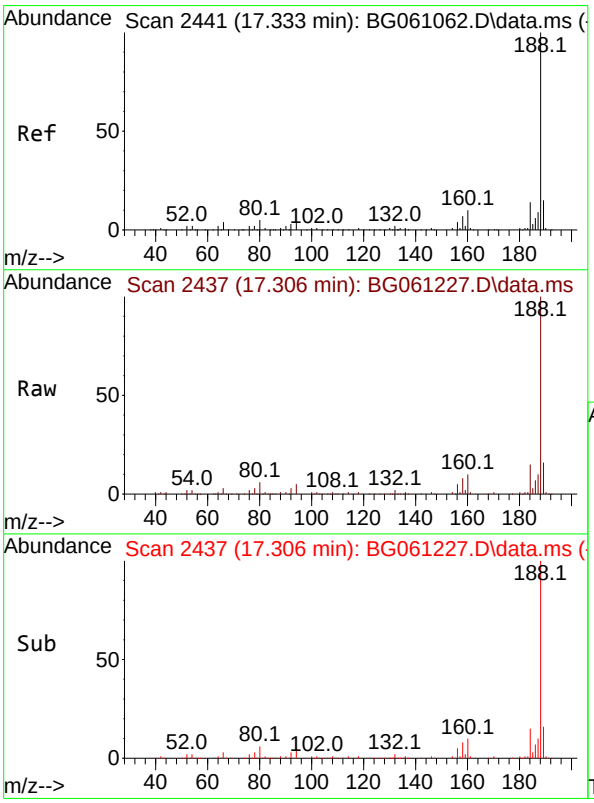
#57
2,4-Dinitrotoluene
Concen: 5.554 ng
RT: 14.556 min Scan# 1
Delta R.T. -0.392 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:165 Resp: 11613

Ion	Ratio	Lower	Upper
165	100		
63	2.0	47.3	70.9#
89	2.6	61.8	92.8#
182	0.0	1.8	2.6#

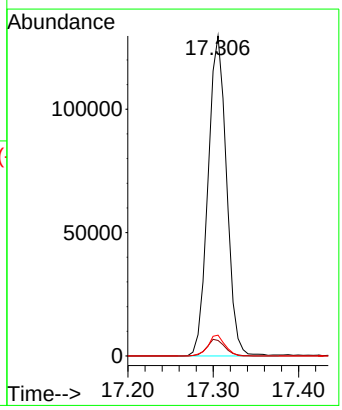


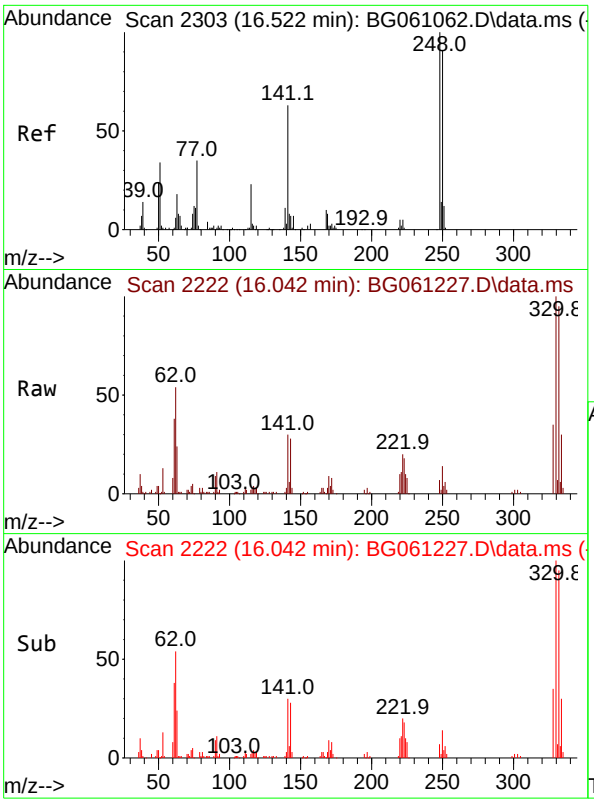


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2437
Delta R.T. -0.027 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:188 Resp: 195631

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.6	5.4
80	6.5	4.2	6.2#



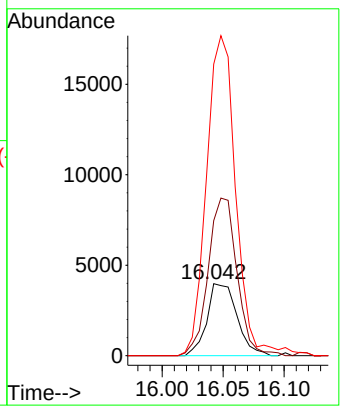


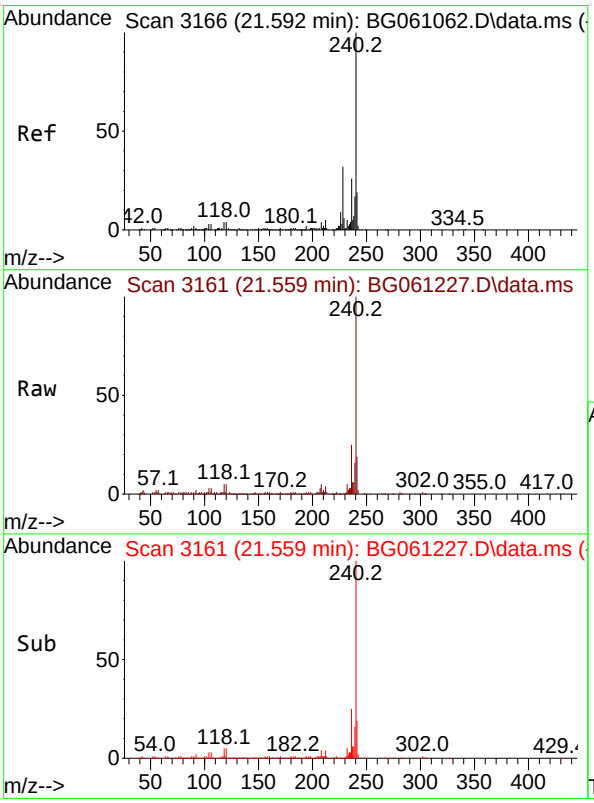
#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 16.042 min Scan# 2
Delta R.T. -0.480 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:248 Resp: 6824

Ion	Ratio	Lower	Upper
248	100		
250	187.8	73.0	109.4#
141	405.2	50.8	76.2#

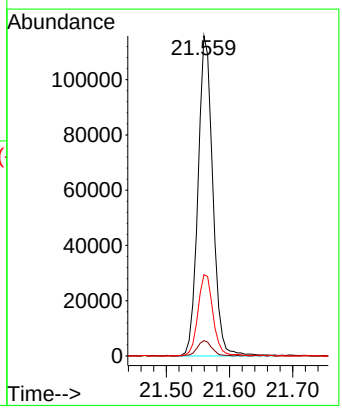


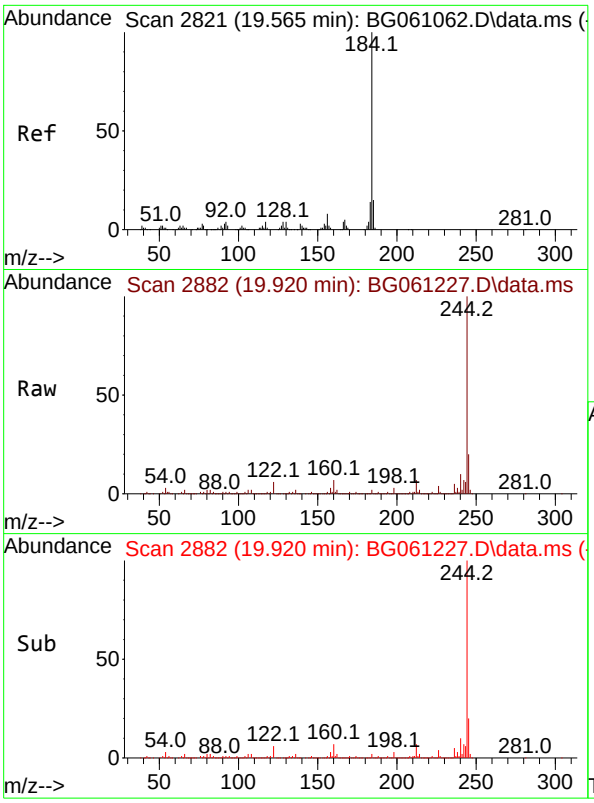


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3161
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:240 Resp: 189036

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.2	4.8
236	25.4	21.0	31.6



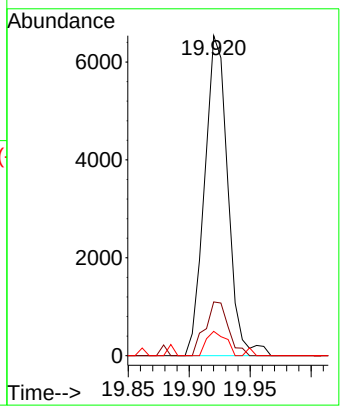


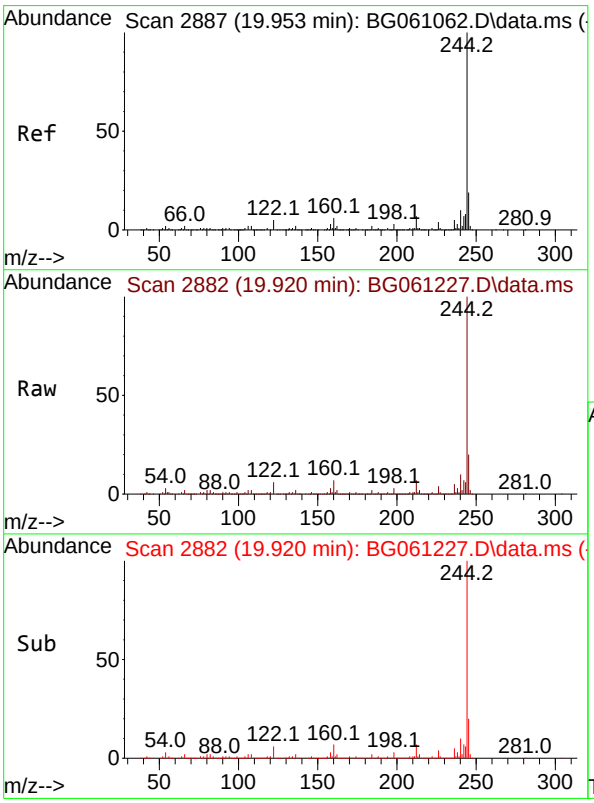
#77
Benzidine
Concen: 5.065 ng
RT: 19.920 min Scan# 2
Delta R.T. 0.355 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:184 Resp: 8669

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.0	18.0
183	7.6	10.9	16.3#

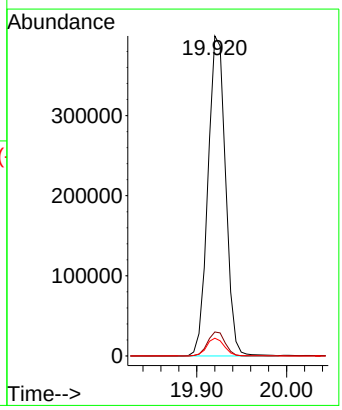


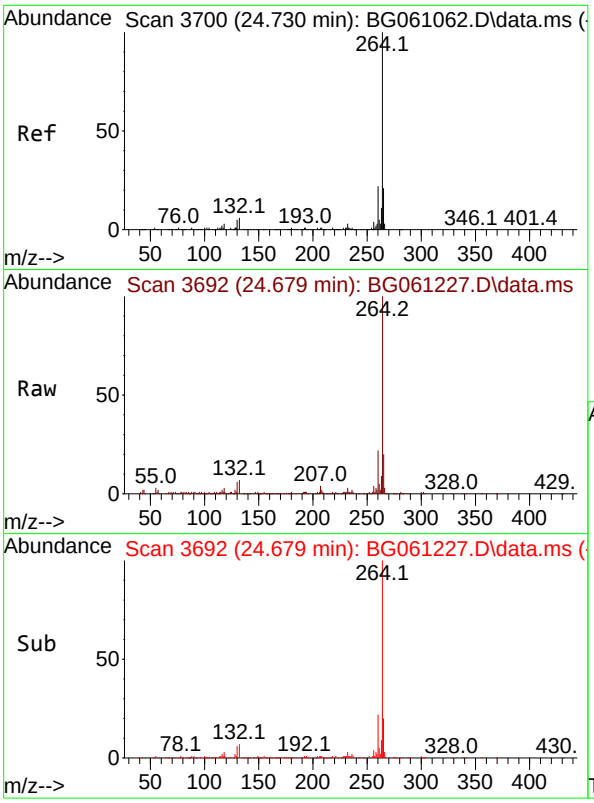


#79
Terphenyl-d14
Concen: 47.874 ng
RT: 19.920 min Scan# 2882
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:244 Resp: 544141

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	5.5	4.2	6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.679 min Scan# 3
Delta R.T. -0.051 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:264 Resp: 232156

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.7	26.5
265	20.4	16.4	24.6