Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
Data File : BG063931.D
Acq On : 3 Jan 2025 18:40
Operator : RC/JU
Sample : PB165945BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Quant Time: Jan 04 00:51:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	87066	20.000	ng	0.00
21) Naphthalene-d8	10.579	136	330833	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	235572	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	572086	20.000	ng	0.00
76) Chrysene-d12	21.449	240	616280	20.000	ng	0.00
86) Perylene-d12	24.475	264	638026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	896786	164.109	ng	0.00
7) Phenol-d6	6.984	99	1233842	156.074	ng	0.00
23) Nitrobenzene-d5	8.952	82	888943	105.843	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	454681	160.060	ng	0.00
45) 2-Fluorobiphenyl	13.053	172	1689978	103.929	ng	0.00
79) Terphenyl-d14	19.827	244	3301854	106.379	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.946	70	112738	19.527	ng	# 85
41) Hexachlorocyclopentadiene	12.454	237	69	11.481	ng	# 29
51) 2,6-Dinitrotoluene	14.434	165	30383	7.927	ng	# 18
54) 2,4-Dinitrophenol	14.598	184	62	8.023	ng	# 21
57) 2,4-Dinitrotoluene	14.434	165	30383	5.647	ng	# 16
67) 4-Bromophenyl-phenylether	15.938	248	32877	5.198	ng	# 1
77) Benzidine	19.827	184	53734	6.231	ng	# 95

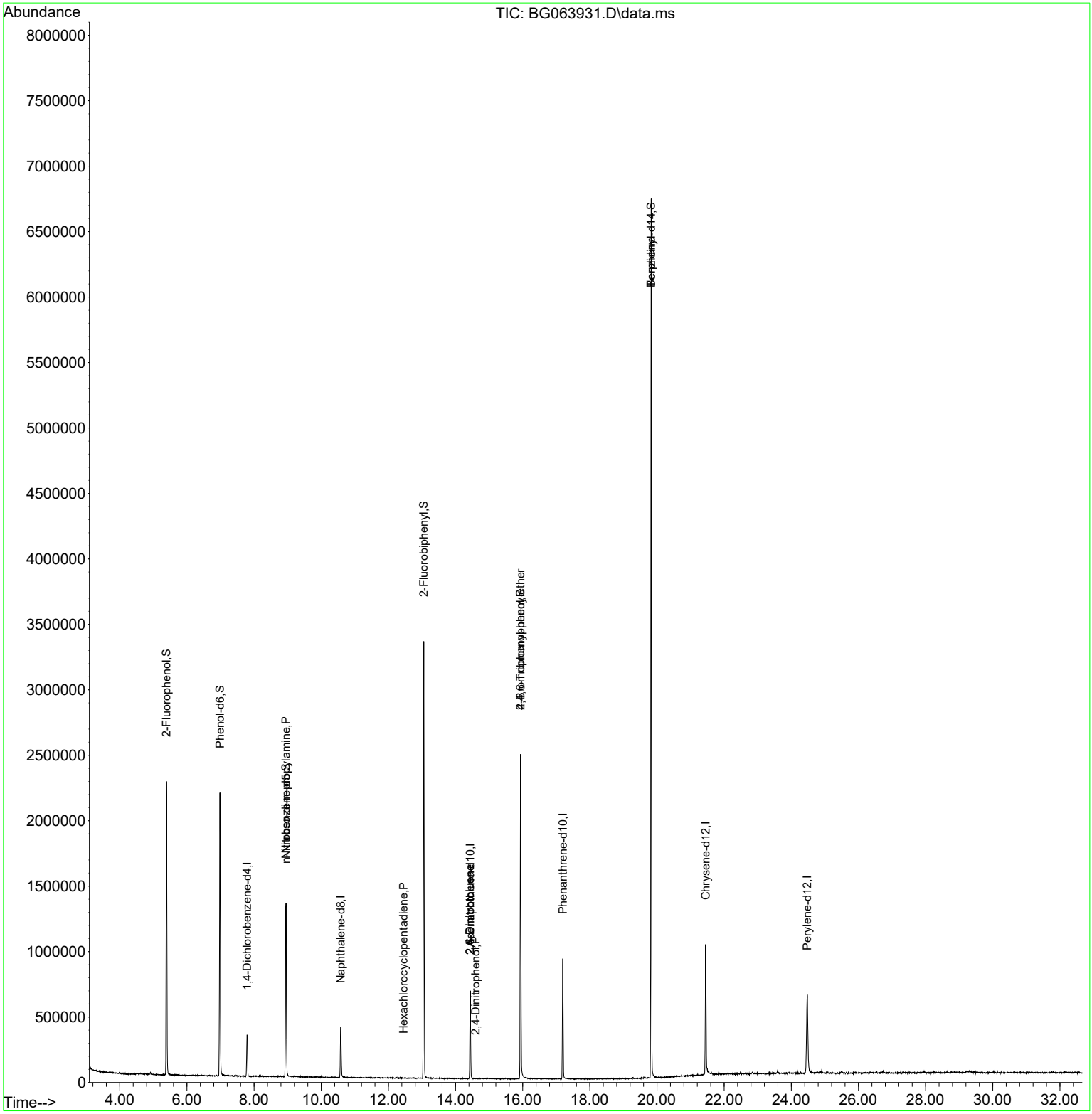
(#) = qualifier out of range (m) = manual integration (+) = signals summed

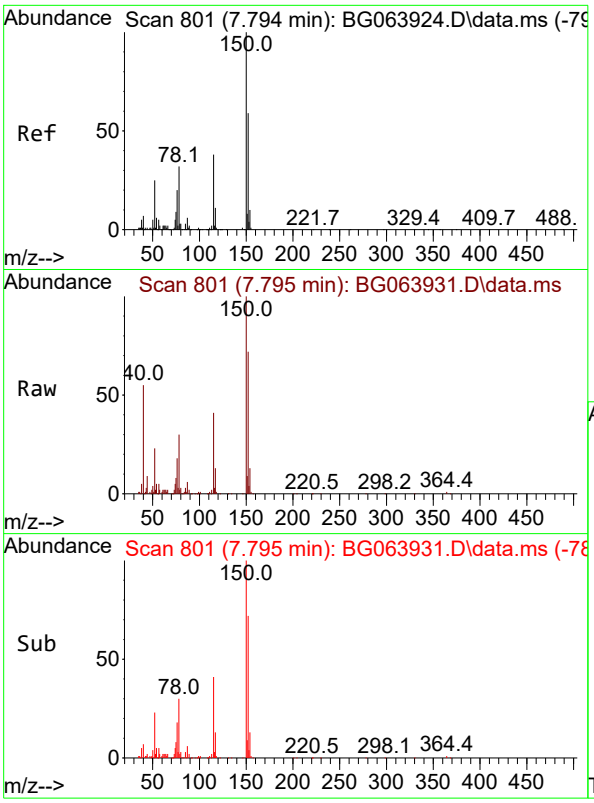
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
Data File : BG063931.D
Acq On : 3 Jan 2025 18:40
Operator : RC/JU
Sample : PB165945BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Quant Time: Jan 04 00:51:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration



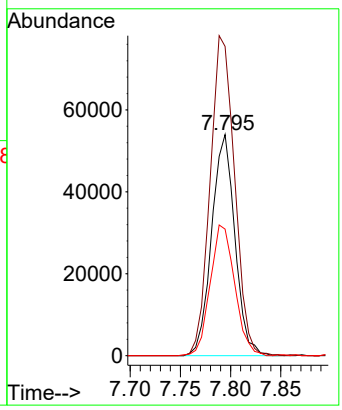


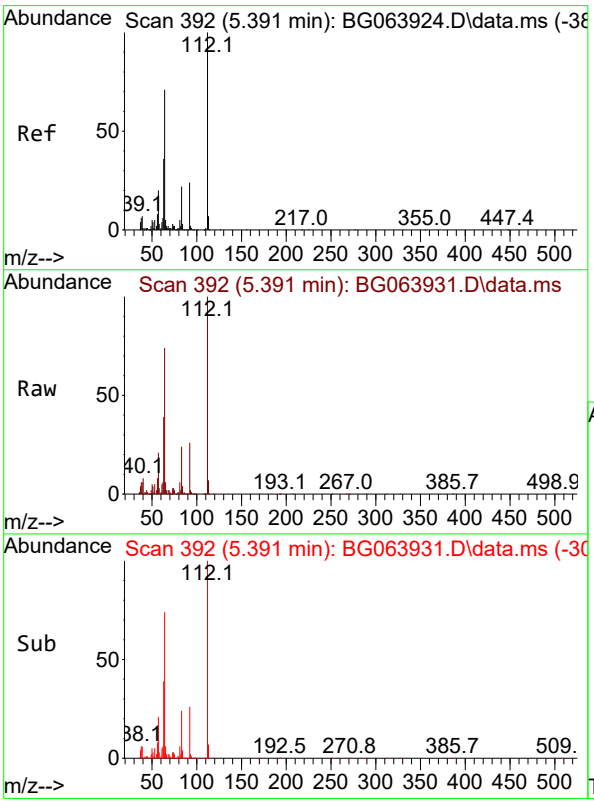
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.795 min Scan# 8(
Delta R.T. 0.001 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:152 Resp: 87066

Ion	Ratio	Lower	Upper
152	100		
150	139.9	135.5	203.3
115	57.2	51.8	77.8

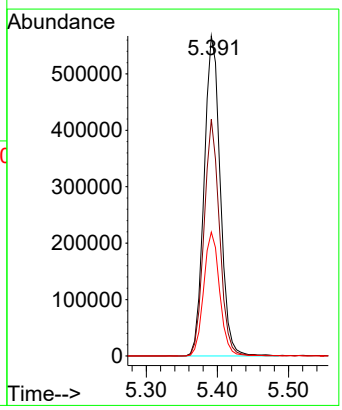


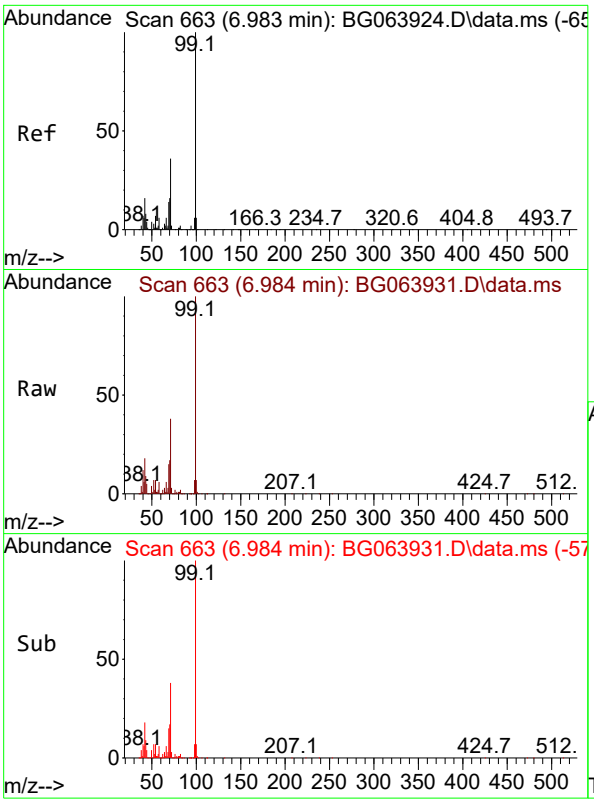


#5
2-Fluorophenol
Concen: 164.109 ng
RT: 5.391 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:112 Resp: 896786

Ion	Ratio	Lower	Upper
112	100		
64	74.0	56.6	85.0
63	38.7	29.2	43.8



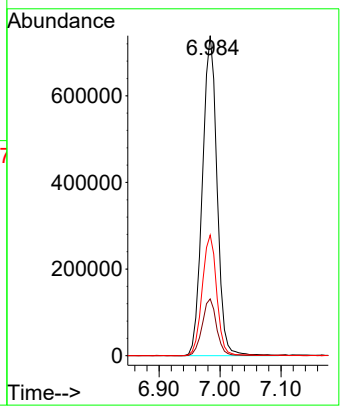


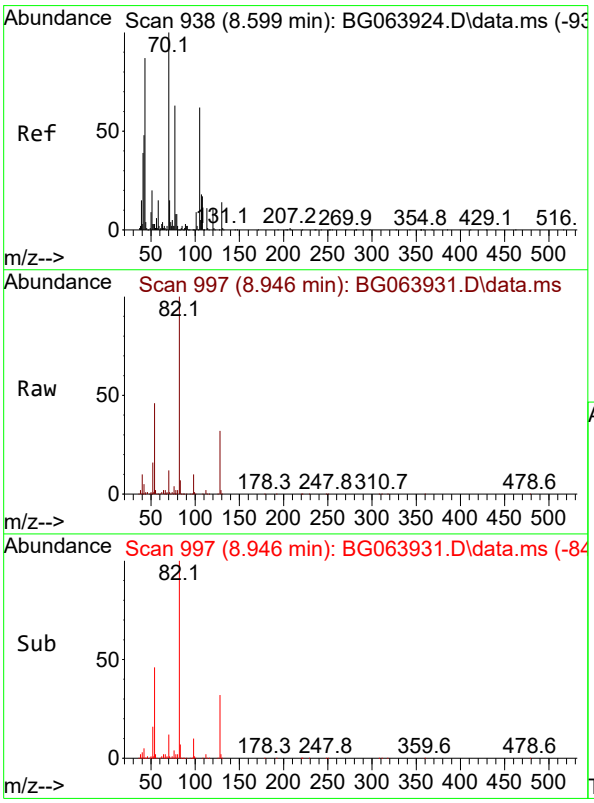
#7
Phenol-d6
Concen: 156.074 ng
RT: 6.984 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion: 99 Resp: 1233842

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.0	19.6
71	37.7	28.5	42.7

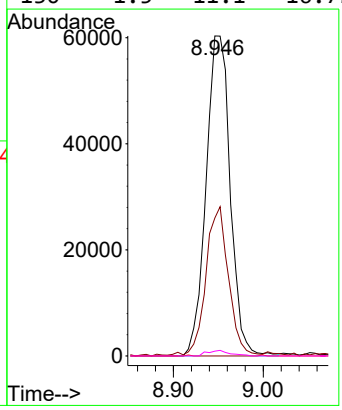


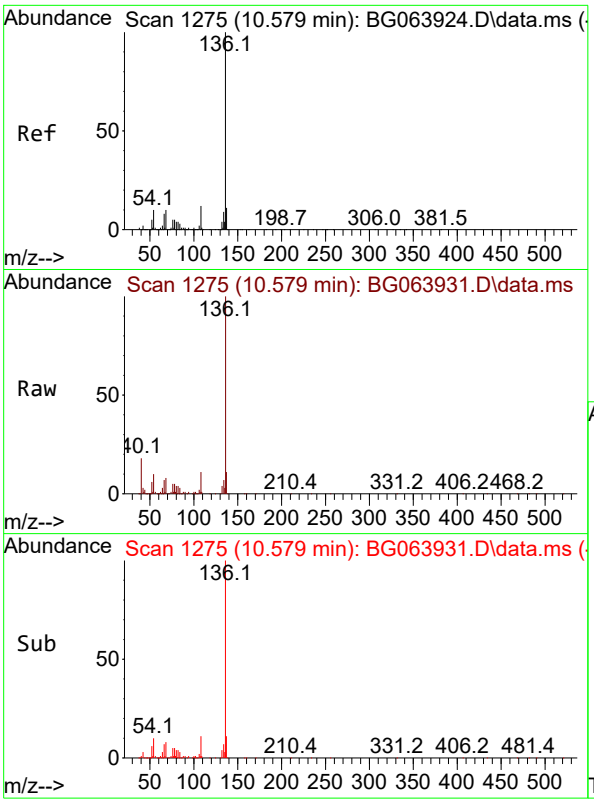


#19
n-Nitroso-di-n-propylamine
Concen: 19.527 ng
RT: 8.946 min Scan# 997
Delta R.T. 0.347 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion: 70 Resp: 112738

Ion	Ratio	Lower	Upper
70	100		
42	43.1	39.0	58.4
101	0.0	7.0	10.4#
130	1.5	11.1	16.7#



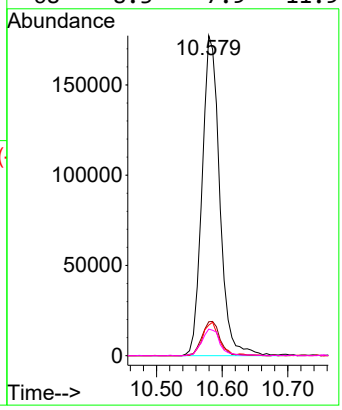


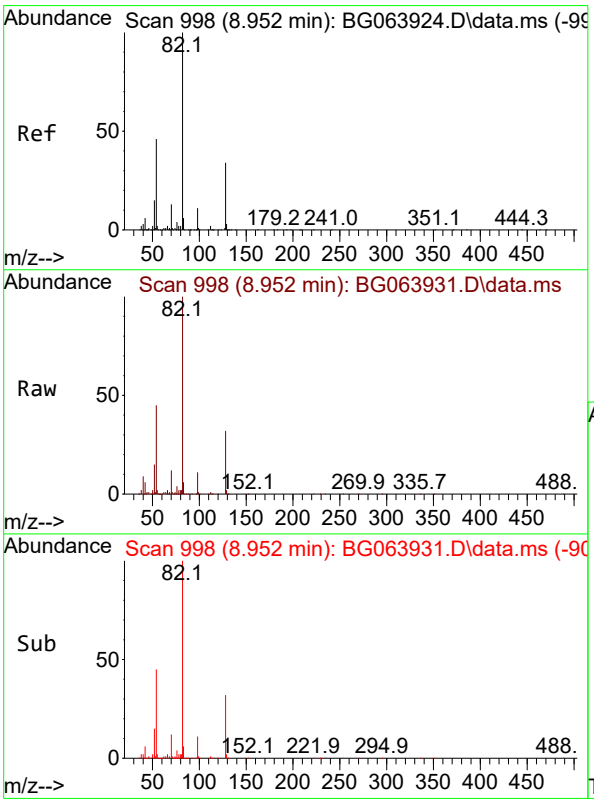
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.579 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:136 Resp: 330833

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	9.6	8.0	12.0
68	8.3	7.9	11.9

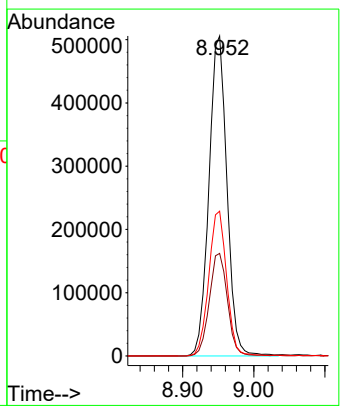


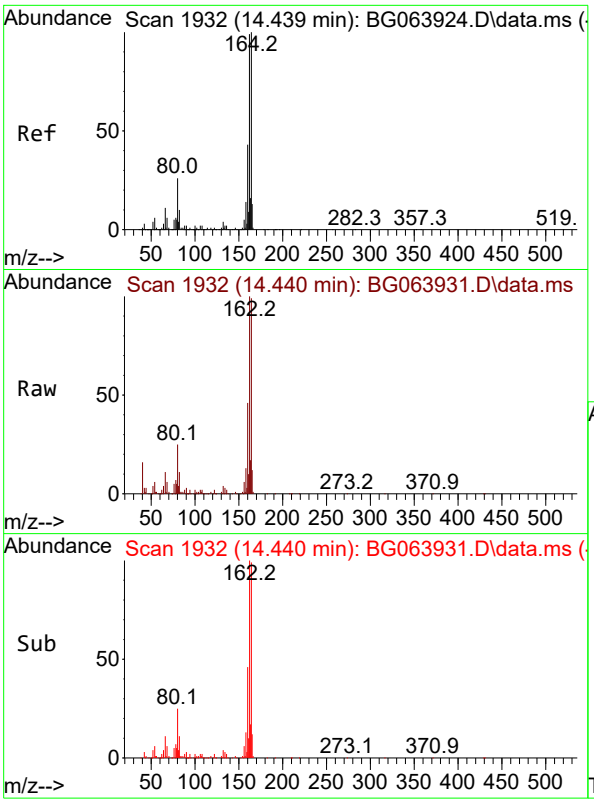


#23
Nitrobenzene-d5
Concen: 105.843 ng
RT: 8.952 min Scan# 998
Delta R.T. -0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion: 82 Resp: 888943

Ion	Ratio	Lower	Upper
82	100		
128	32.1	26.9	40.3
54	45.2	36.7	55.1



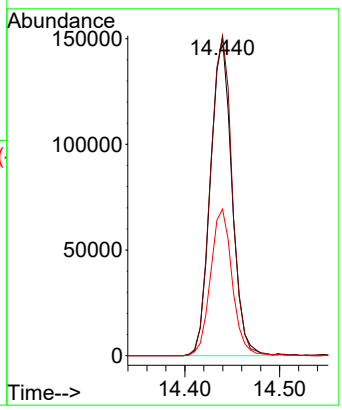


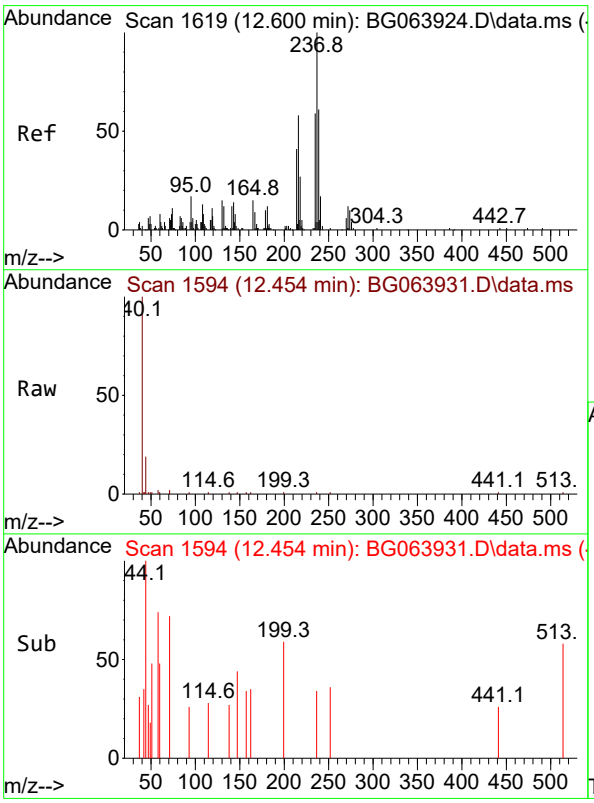
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:164 Resp: 235572

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.1	118.7
160	46.1	34.6	52.0

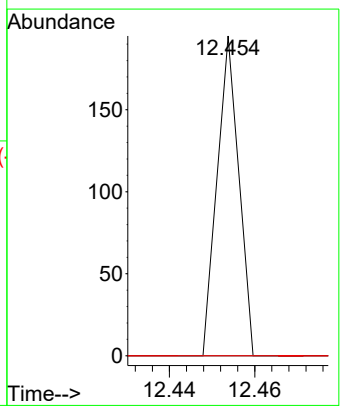


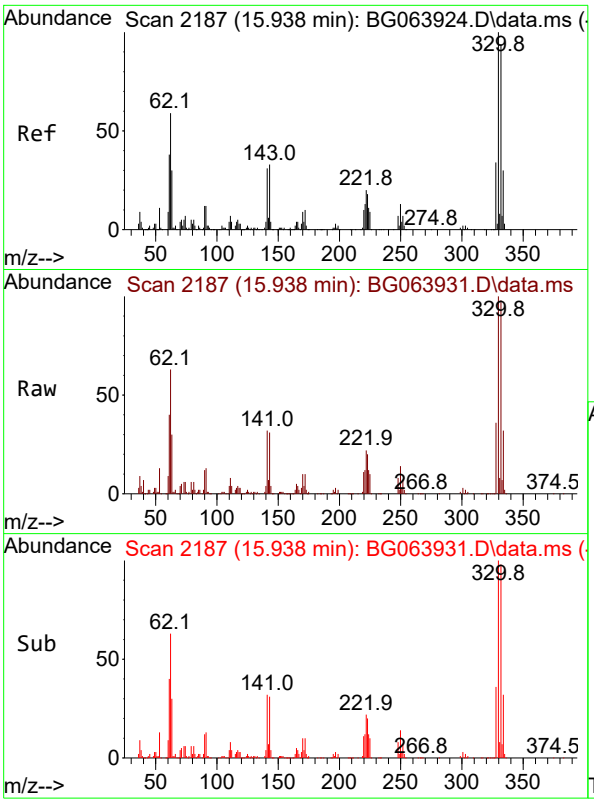


#41
Hexachlorocyclopentadiene
Concen: 11.481 ng
RT: 12.454 min Scan# 1594
Delta R.T. -0.146 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:237 Resp: 69

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.2	79.2#
272	0.0	0.0	31.6



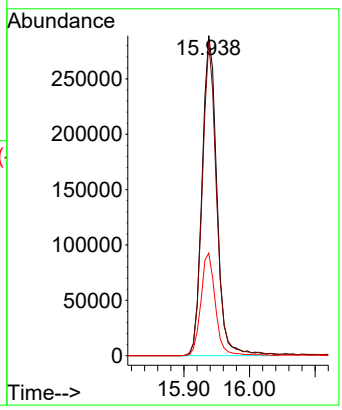


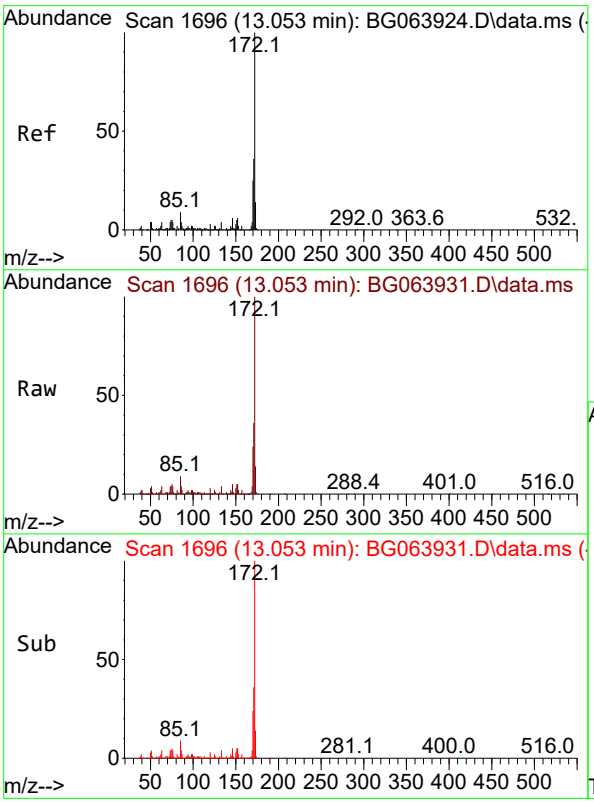
#42
2,4,6-Tribromophenol
Concen: 160.060 ng
RT: 15.938 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:330 Resp: 454681

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	114.8
141	31.6	24.4	36.6

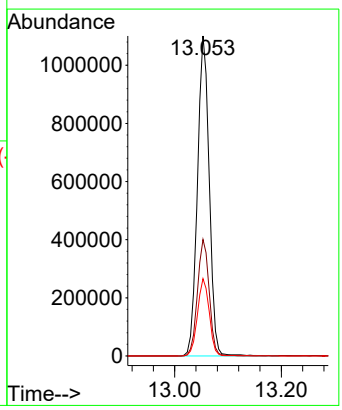


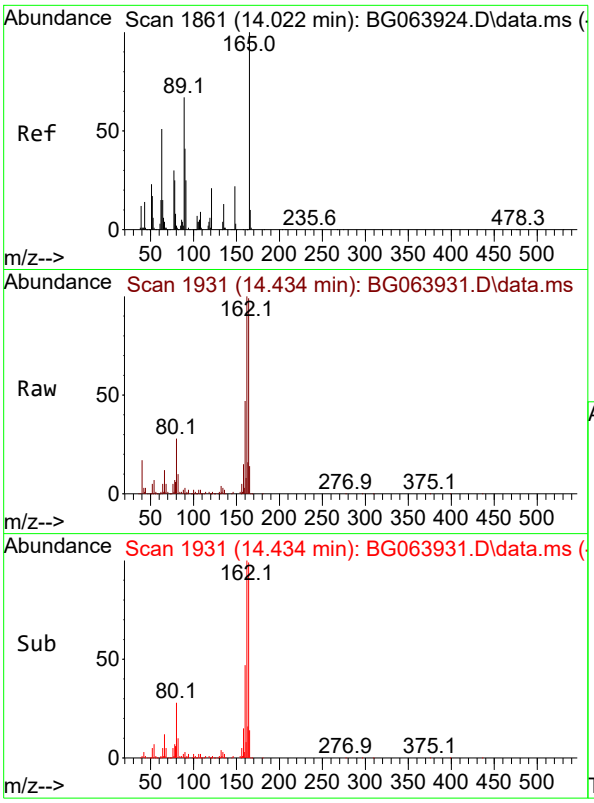


#45
2-Fluorobiphenyl
Concen: 103.929 ng
RT: 13.053 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:172 Resp: 1689978

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.1	20.1	30.1



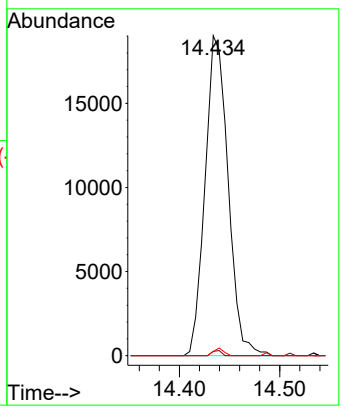


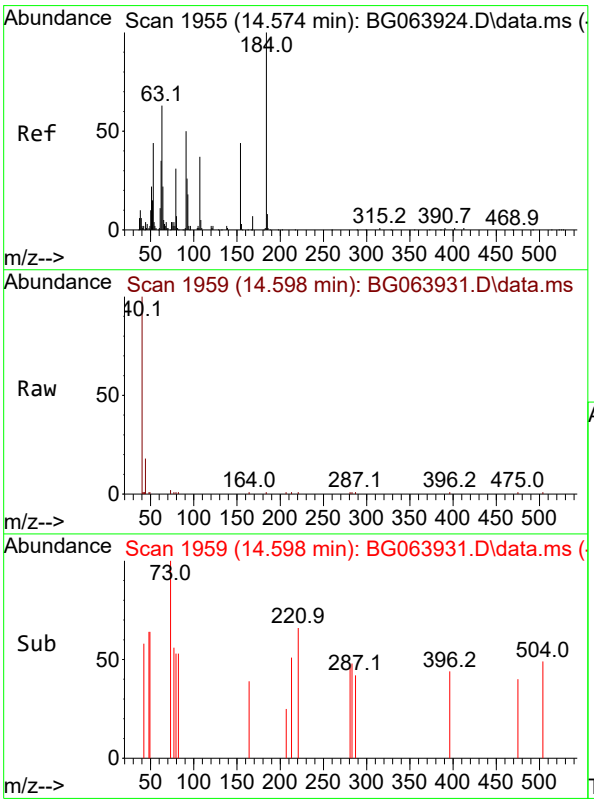
#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 14.434 min Scan# 1
Delta R.T. 0.412 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:165 Resp: 30383

Ion	Ratio	Lower	Upper
165	100		
63	1.4	53.9	80.9#
89	1.3	53.8	80.8#

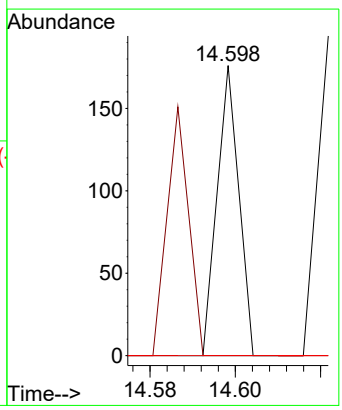


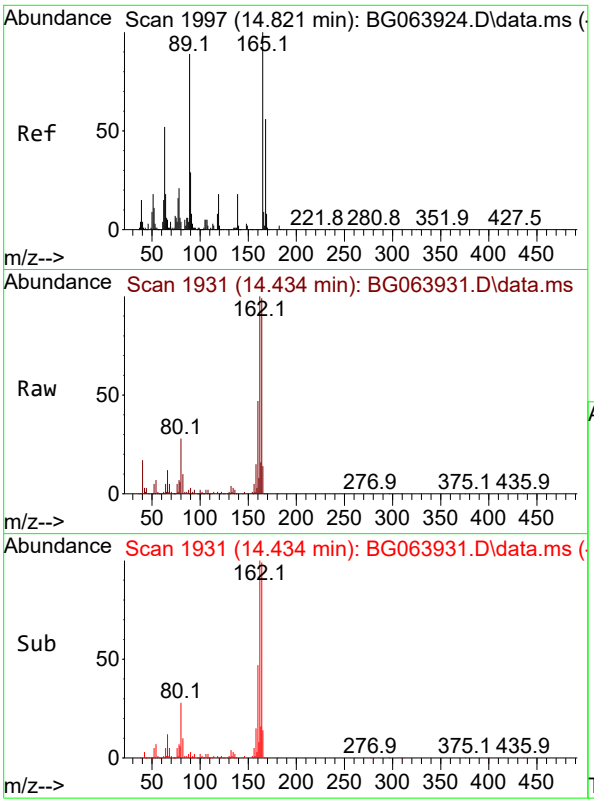


#54
2,4-Dinitrophenol
Concen: 8.023 ng
RT: 14.598 min Scan# 1959
Delta R.T. 0.024 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:184 Resp: 62

Ion	Ratio	Lower	Upper
184	100		
63	0.0	50.8	76.2#
154	0.0	44.2	66.2#



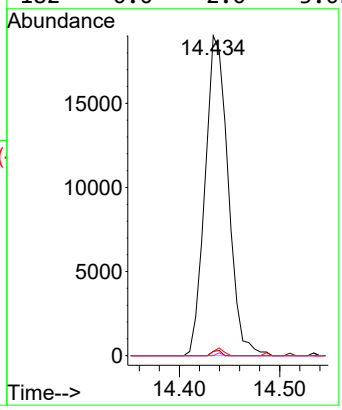


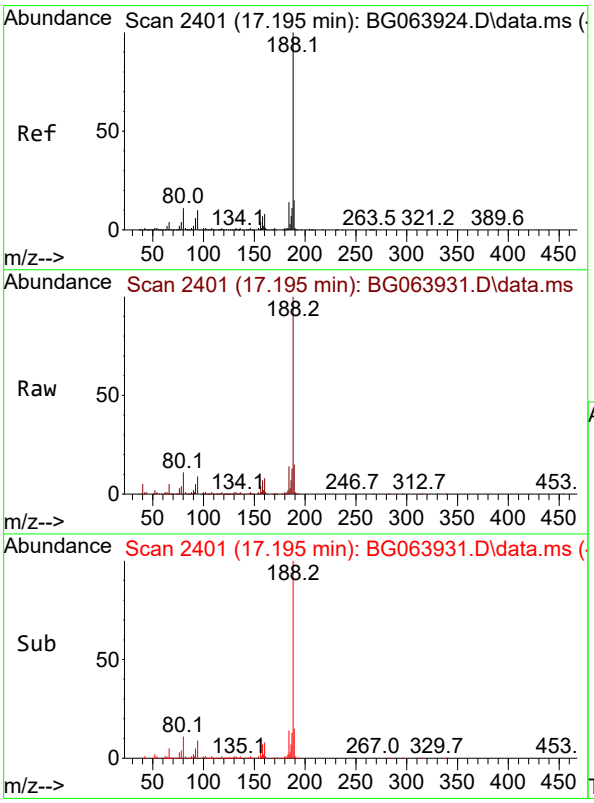
#57
2,4-Dinitrotoluene
Concen: 5.647 ng
RT: 14.434 min Scan# 1
Delta R.T. -0.387 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:165 Resp: 30383

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.6	62.4#
89	1.3	71.0	106.6#
182	0.0	2.0	3.0#

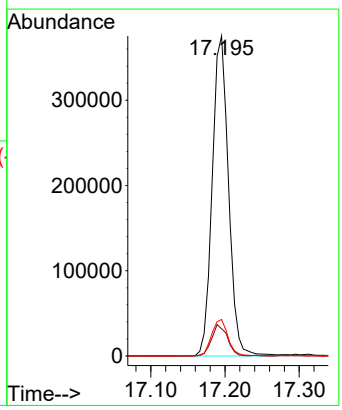


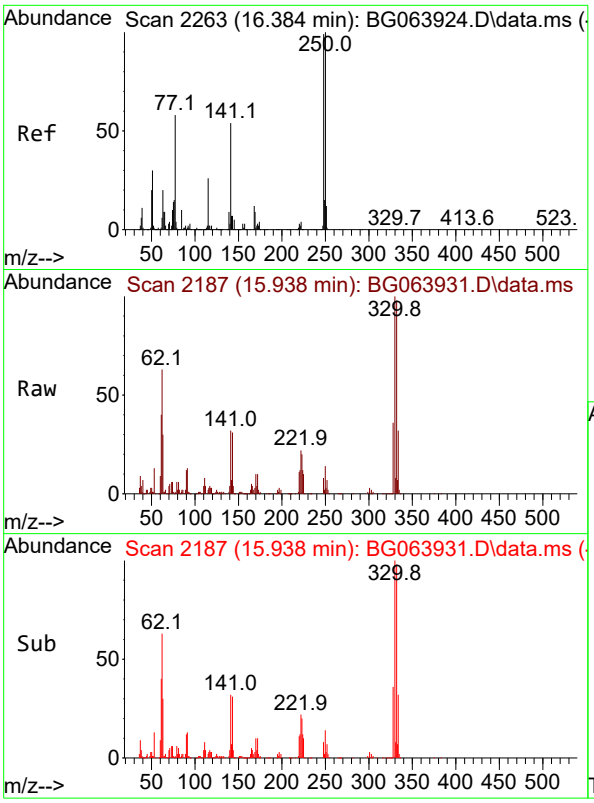


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:188 Resp: 572086

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.4	12.6
80	11.4	9.1	13.7



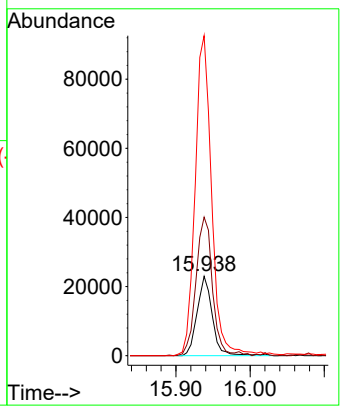


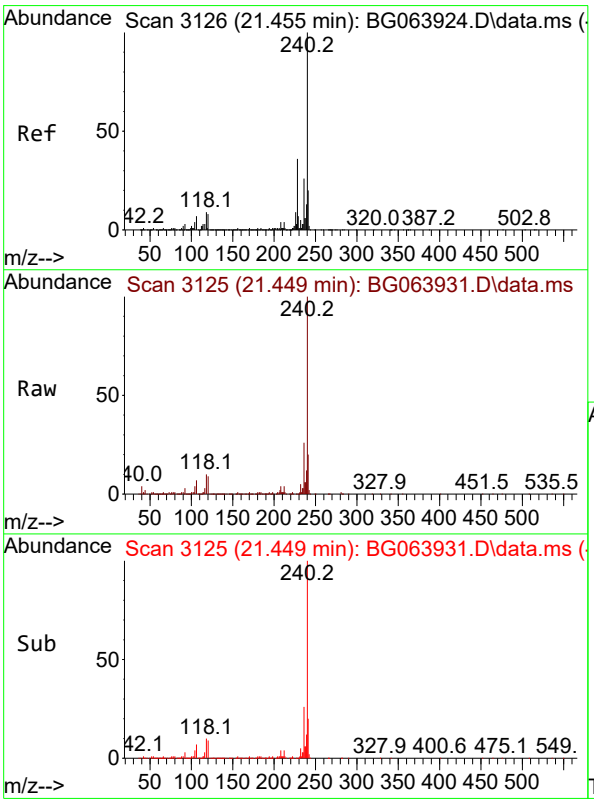
#67
4-Bromophenyl-phenylether
Concen: 5.198 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:248 Resp: 32877

Ion	Ratio	Lower	Upper
248	100		
250	174.5	80.7	121.1#
141	402.9	43.3	64.9#

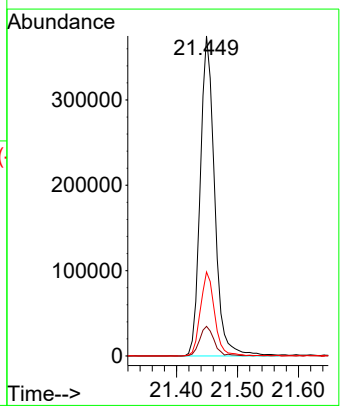


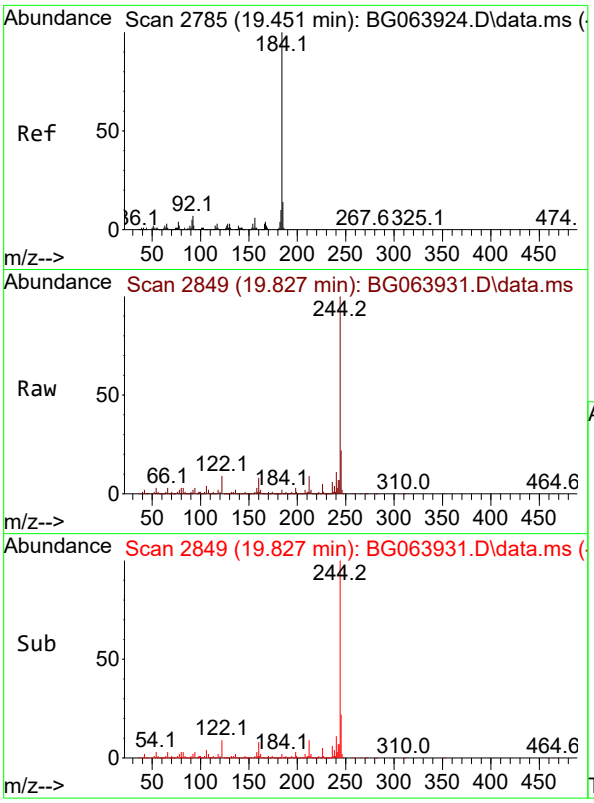


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:240 Resp: 616280

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.7	10.1
236	26.3	21.2	31.8



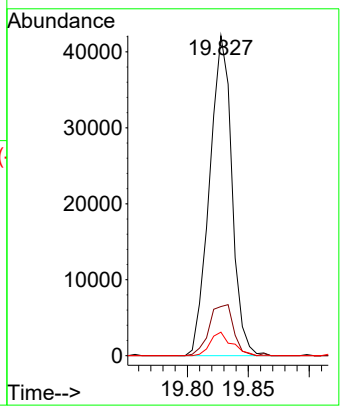


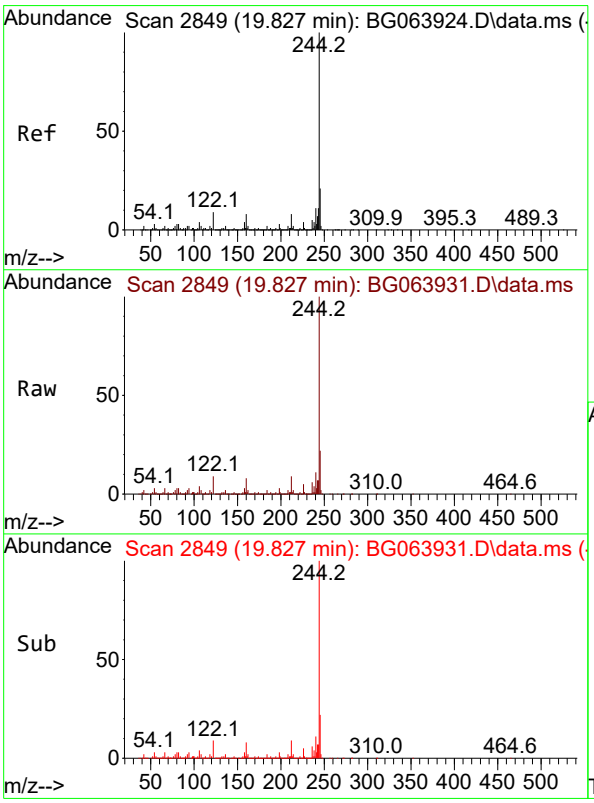
#77
Benzidine
Concen: 6.231 ng
RT: 19.827 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:184 Resp: 53734

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.4	17.2
183	7.3	8.4	12.6#

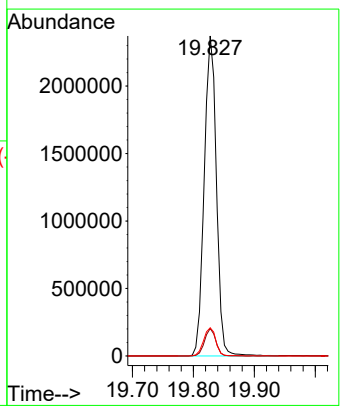


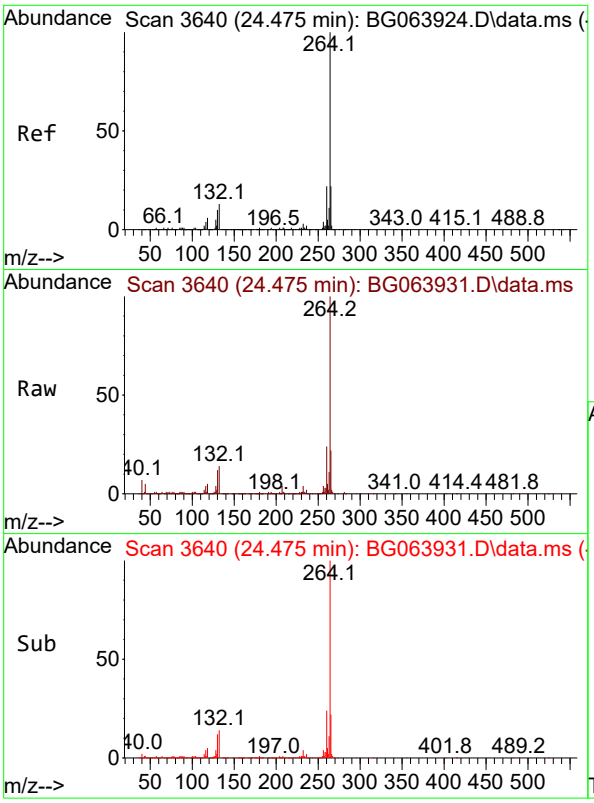


#79
Terphenyl-d14
Concen: 106.379 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Tgt Ion:244 Resp: 3301854

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.7	10.1
122	8.8	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.475 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG063931.D
Acq: 3 Jan 2025 18:40

Instrument :
BNA_G
ClientSampleId :
PB165945BL

Tgt Ion:264 Resp: 638026

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.1	17.8	26.6