Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064280.D
Acq On : 4 Sep 2025 12:35
Operator : RC/JU
Sample : PB169528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Quant Time: Sep 04 13:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	26246	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	113679	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	79006	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	174796	20.000	ng	0.00
76) Chrysene-d12	21.449	240	190365	20.000	ng	# 0.00
86) Perylene-d12	24.451	264	207350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	226689	154.957	ng	0.00
7) Phenol-d6	7.025	99	304770	151.643	ng	0.00
23) Nitrobenzene-d5	9.005	82	221519	108.676	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	161061	153.909	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	542082	104.727	ng	0.00
79) Terphenyl-d14	19.839	244	976655	107.039	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.005	70	31379	20.400	ng	# 78
51) 2,6-Dinitrotoluene	14.475	165	10879	9.397	ng	# 16
57) 2,4-Dinitrotoluene	14.475	165	10879	6.215	ng	# 18
67) 4-Bromophenyl-phenylether	15.967	248	11840	6.377	ng	# 1
77) Benzidine	19.839	184	19123	4.775	ng	# 93

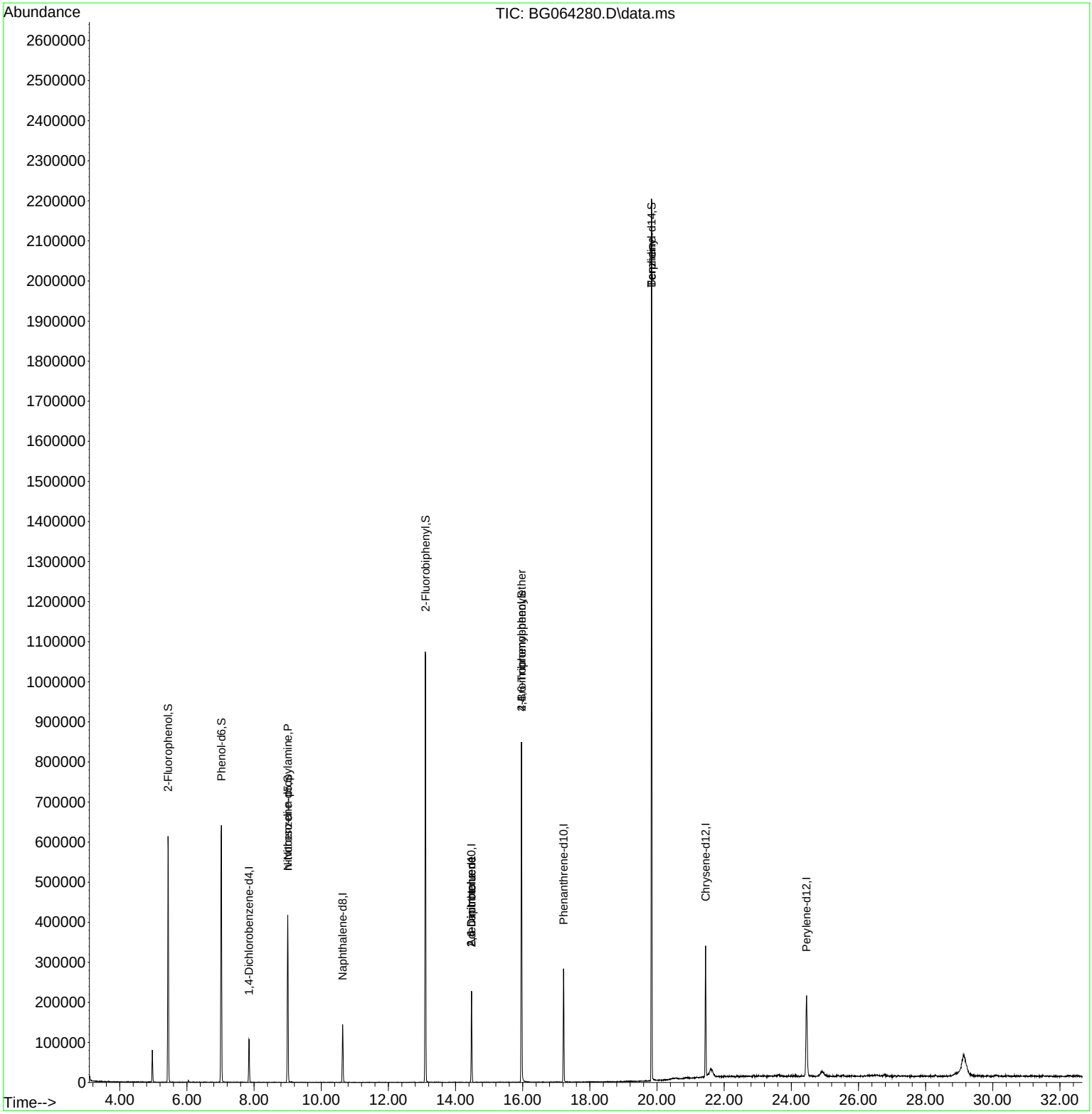
(#) = qualifier out of range (m) = manual integration (+) = signals summed

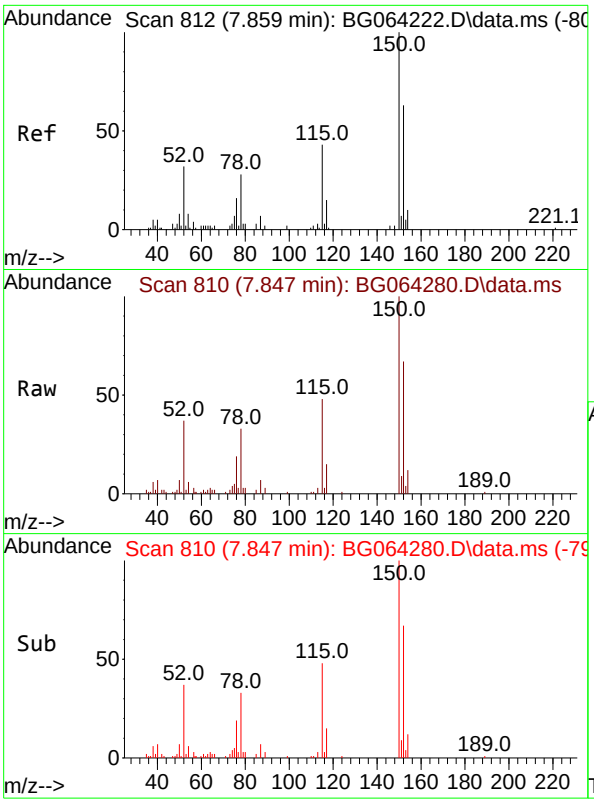
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064280.D
Acq On : 4 Sep 2025 12:35
Operator : RC/JU
Sample : PB169528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Quant Time: Sep 04 13:13:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



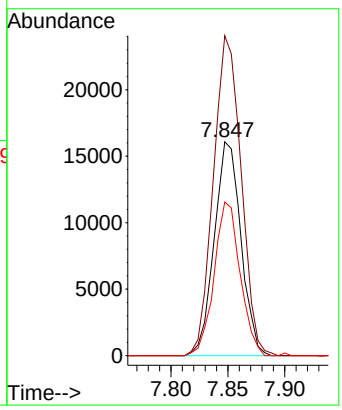


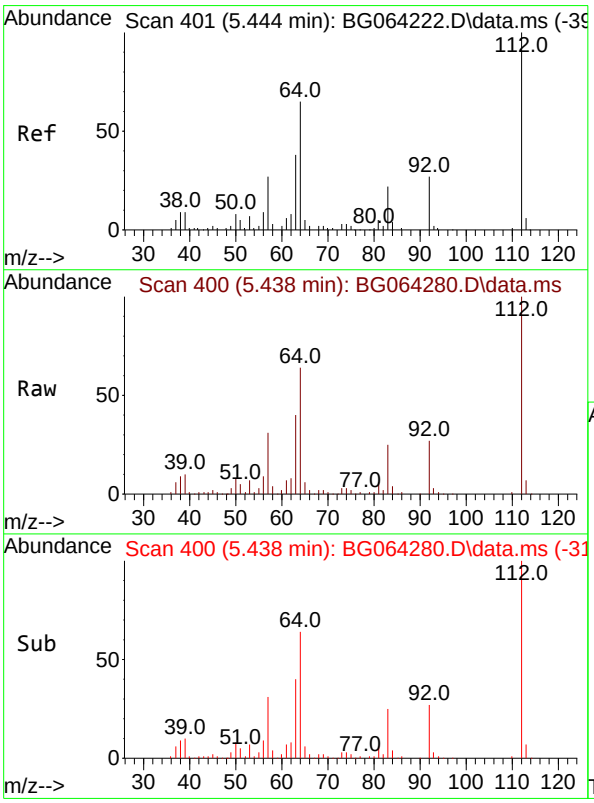
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:152 Resp: 26246

Ion	Ratio	Lower	Upper
152	100		
150	149.5	128.0	192.0
115	71.8	55.7	83.5

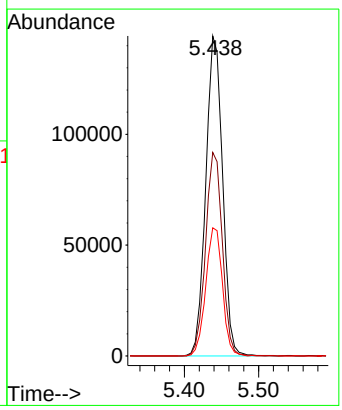


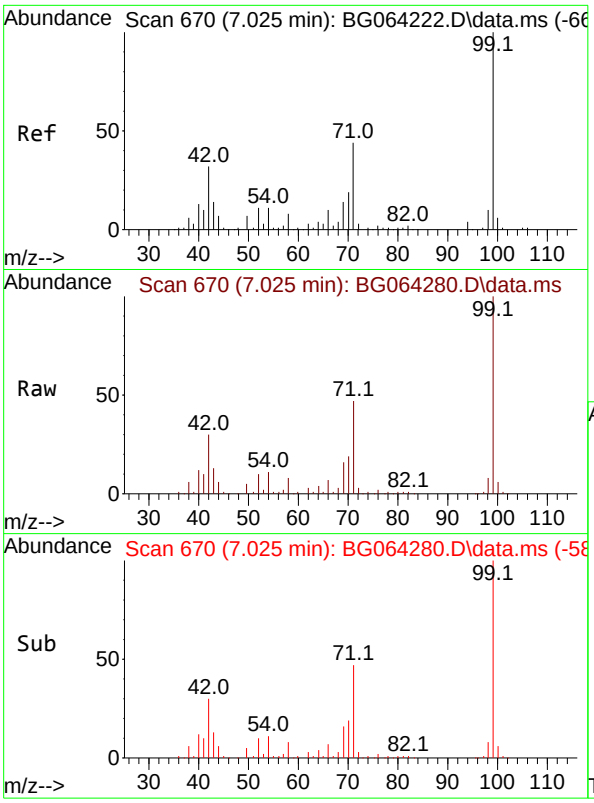


#5
2-Fluorophenol
Concen: 154.957 ng
RT: 5.438 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:112 Resp: 226689

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	40.0	30.6	45.8



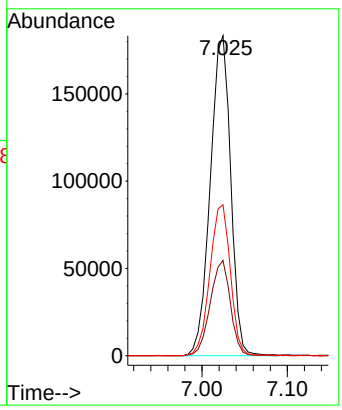


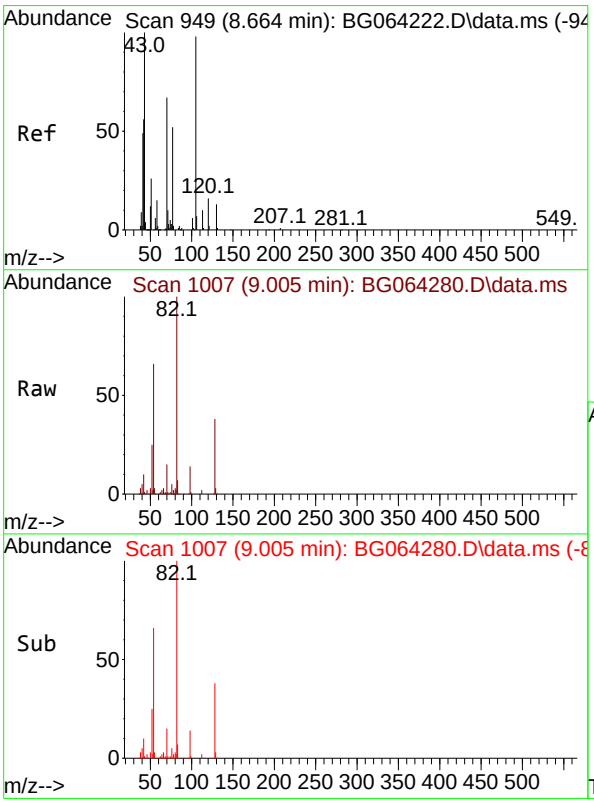
#7
Phenol-d6
Concen: 151.643 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion: 99 Resp: 304770

Ion	Ratio	Lower	Upper
99	100		
42	29.8	25.8	38.8
71	47.1	35.2	52.8

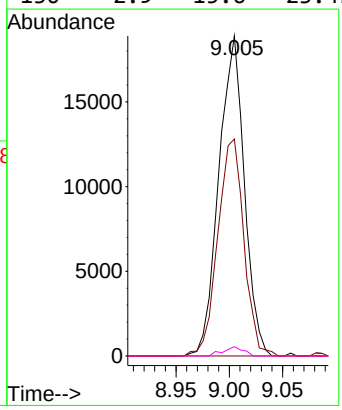


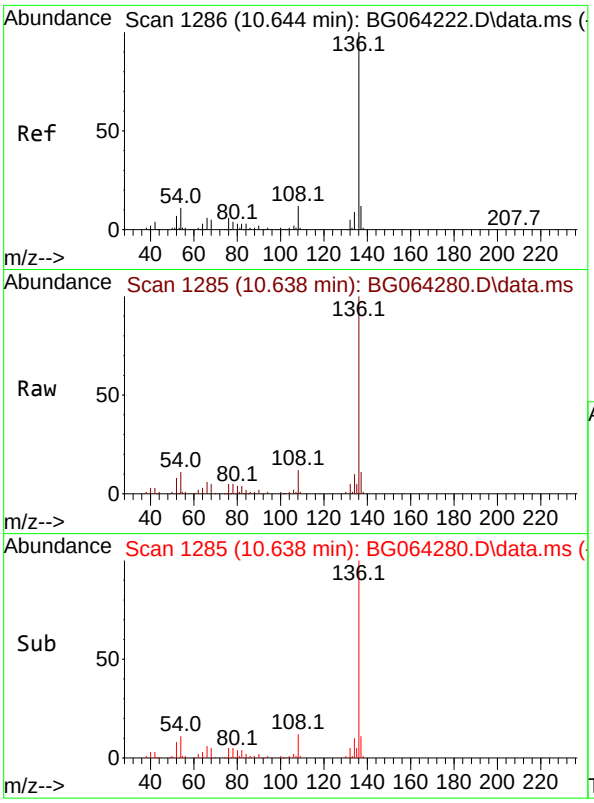


#19
n-Nitroso-di-n-propylamine
Concen: 20.400 ng
RT: 9.005 min Scan# 1007
Delta R.T. 0.341 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion: 70 Resp: 31379

Ion	Ratio	Lower	Upper
70	100		
42	67.8	67.9	101.9#
101	0.0	7.3	10.9#
130	2.9	15.6	23.4#



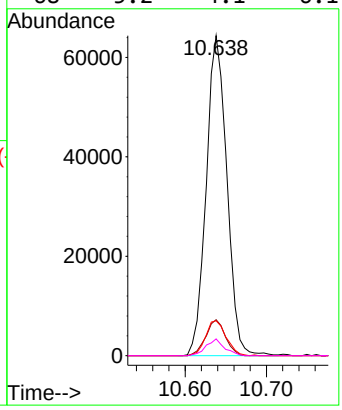


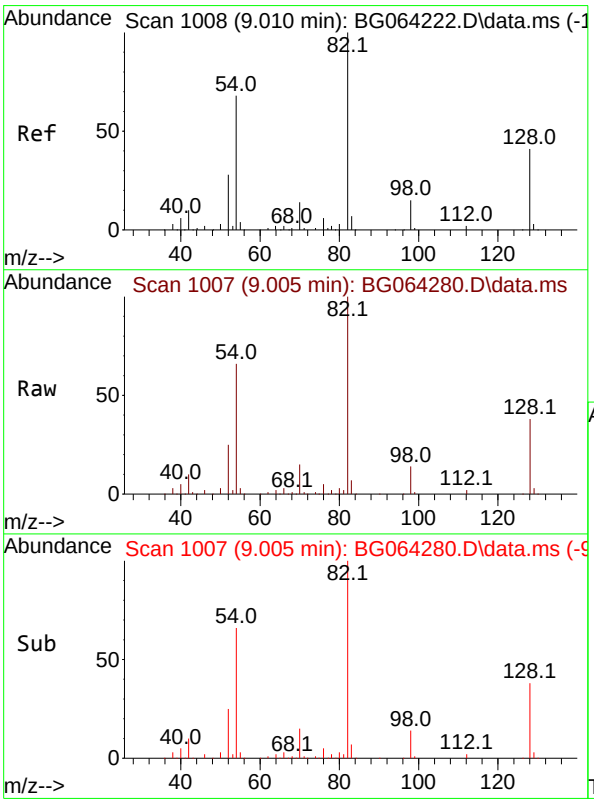
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:136 Resp: 113679

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.8	8.8	13.2
68	5.2	4.1	6.1

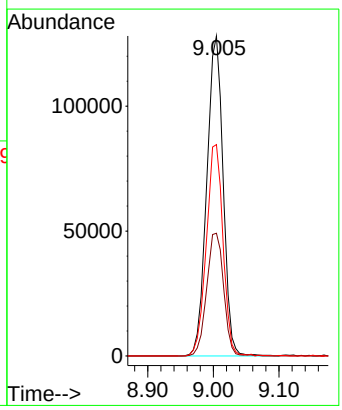


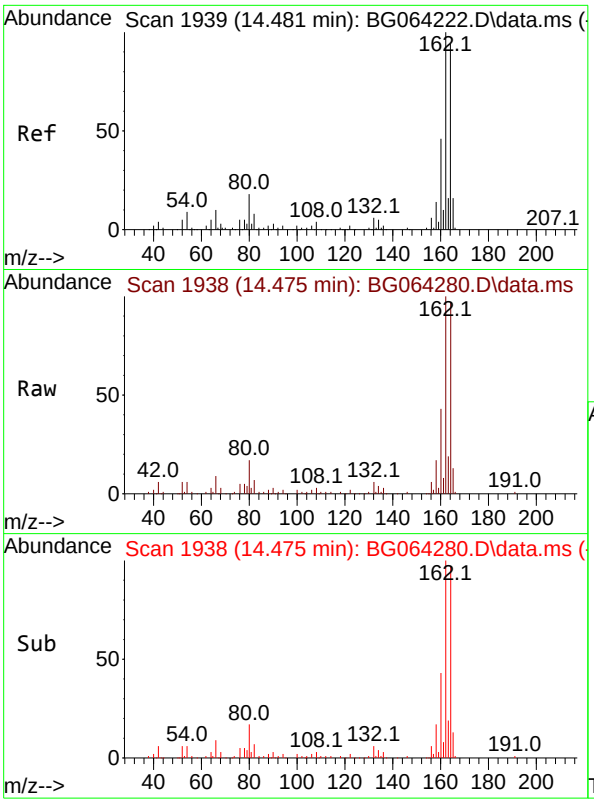


#23
Nitrobenzene-d5
Concen: 108.676 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion: 82 Resp: 221519

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.6	48.8
54	66.0	54.7	82.1



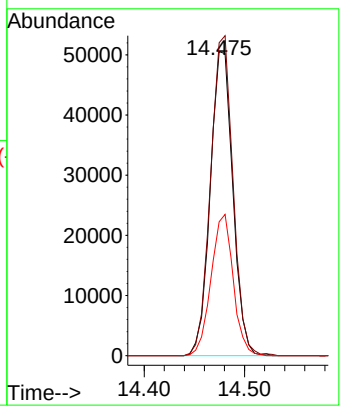


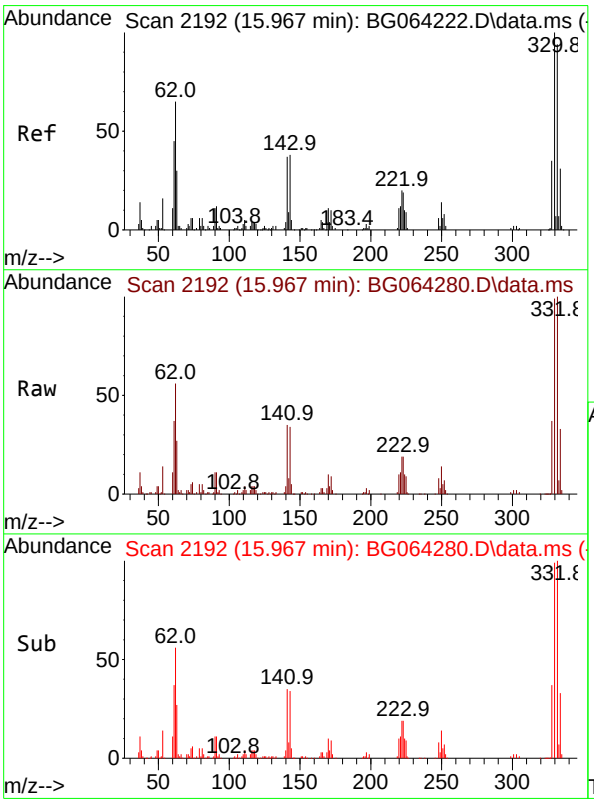
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:164 Resp: 79006

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.4	128.0
160	44.0	39.2	58.8

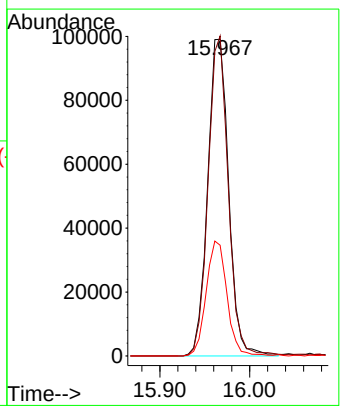


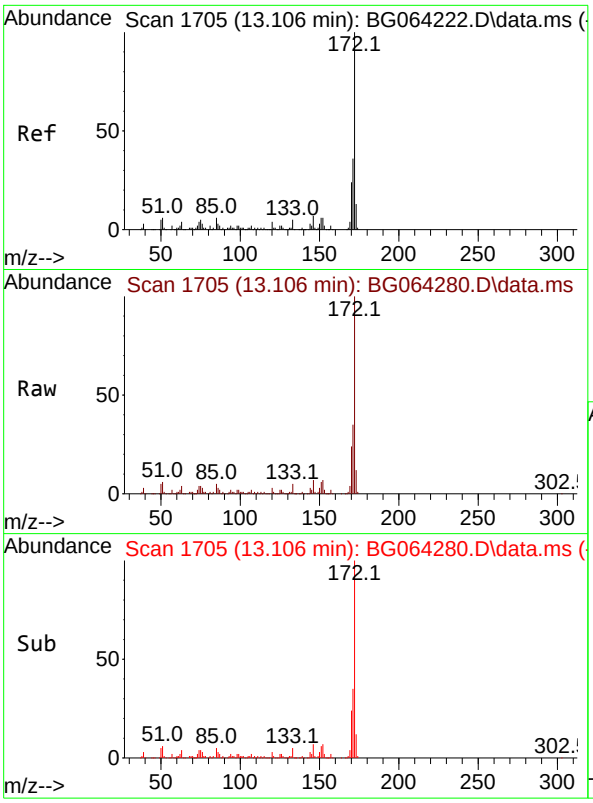


#42
2,4,6-Tribromophenol
Concen: 153.909 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:330 Resp: 161061

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	35.9	29.8	44.6



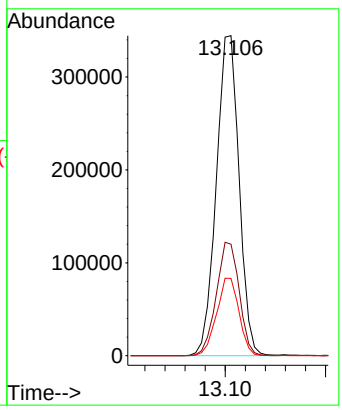


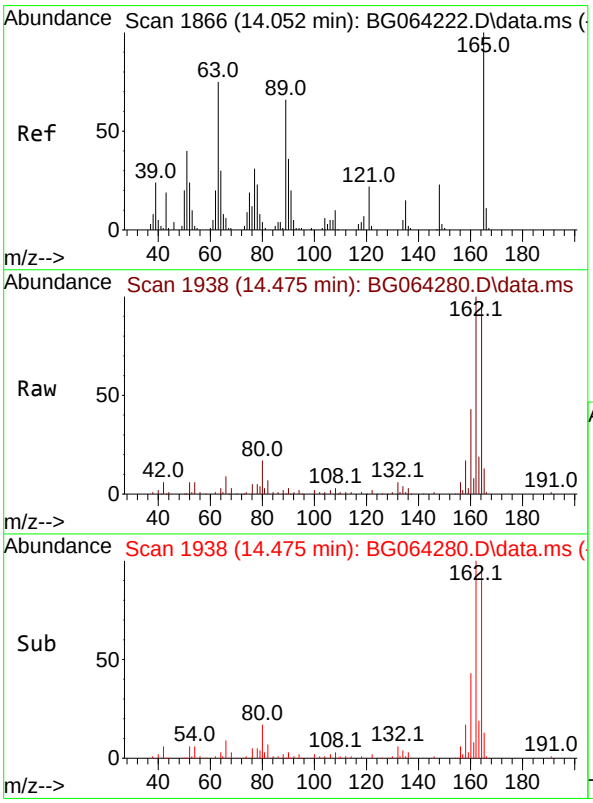
#45
2-Fluorobiphenyl
Concen: 104.727 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:172 Resp: 542082

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	24.2	19.0	28.6

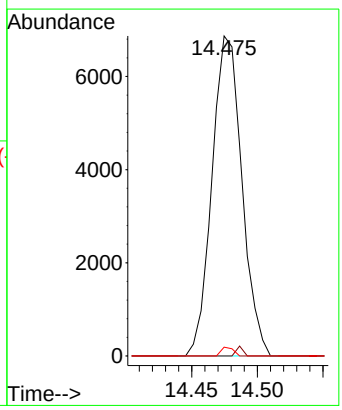


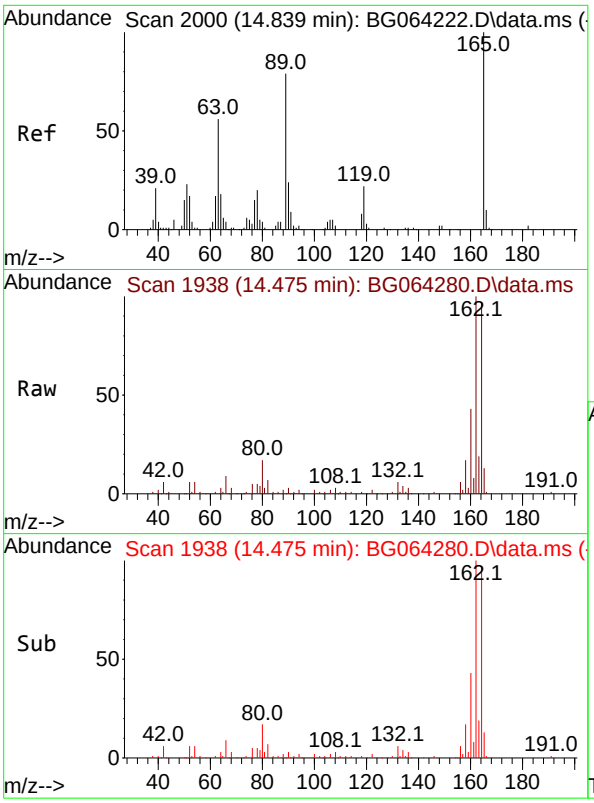


#51
2,6-Dinitrotoluene
Concen: 9.397 ng
RT: 14.475 min Scan# 1938
Delta R.T. 0.417 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:165 Resp: 10879

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.3	90.5#
89	2.8	52.9	79.3#



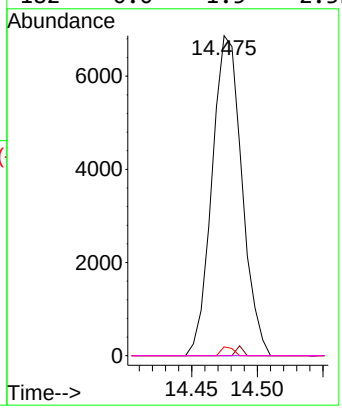


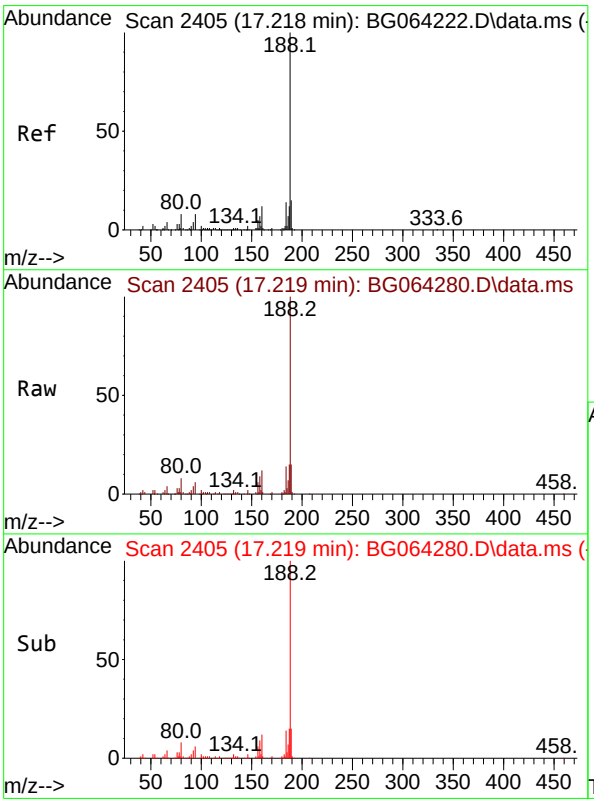
#57
2,4-Dinitrotoluene
Concen: 6.215 ng
RT: 14.475 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:165 Resp: 10879

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	2.8	63.0	94.4#
182	0.0	1.5	2.3#

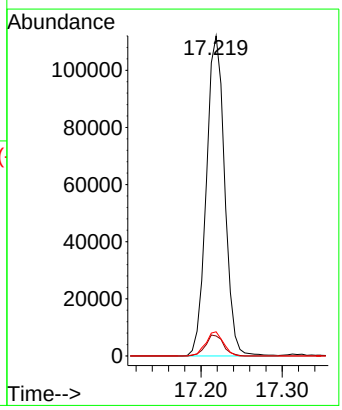


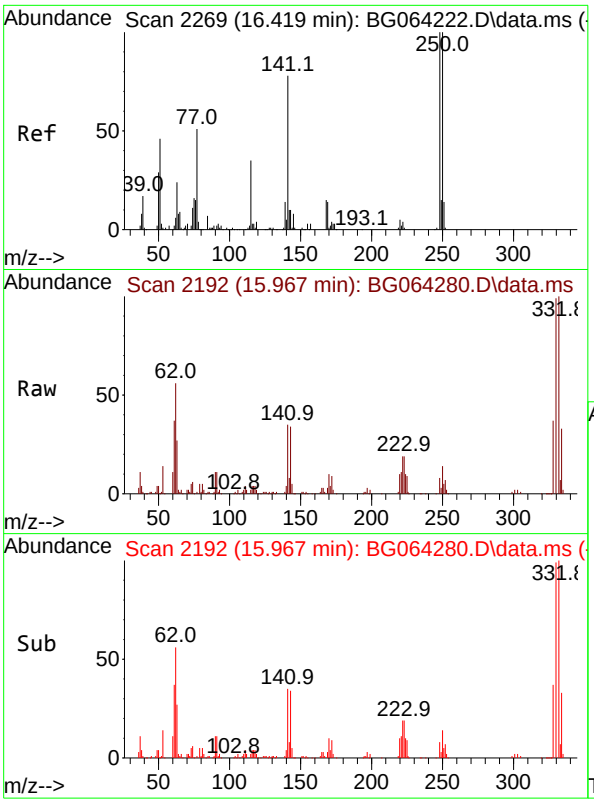


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:188 Resp: 174796

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.2	9.4
80	7.6	6.8	10.2



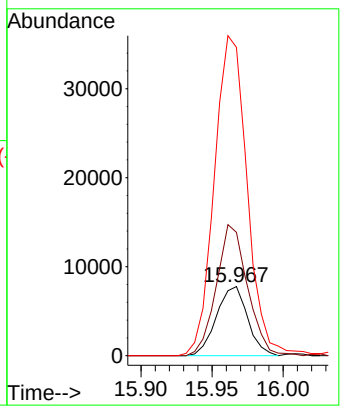


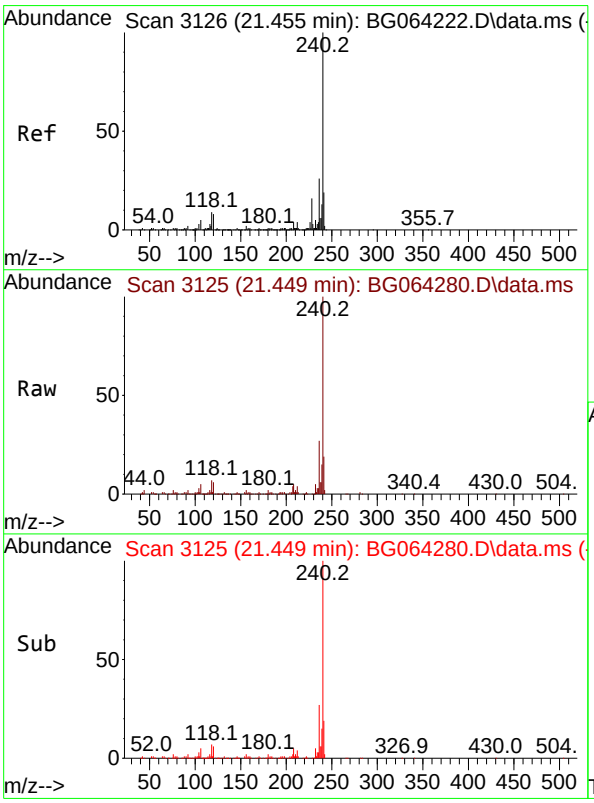
#67
4-Bromophenyl-phenylether
Concen: 6.377 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:248 Resp: 11840

Ion	Ratio	Lower	Upper
248	100		
250	178.4	80.2	120.4#
141	445.7	62.4	93.6#

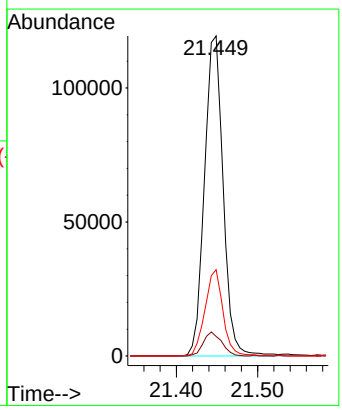


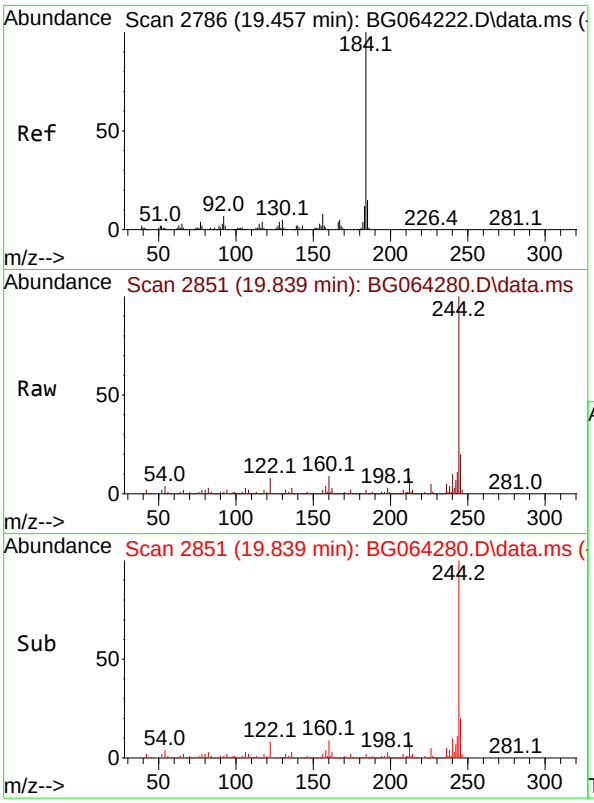


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:240 Resp: 190365

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.2	9.4#
236	26.9	20.5	30.7



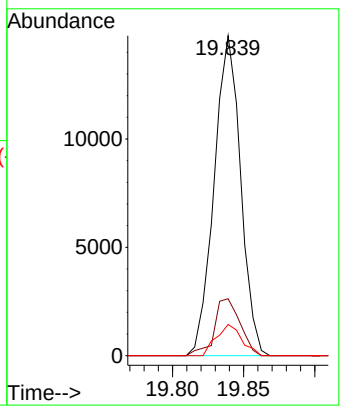


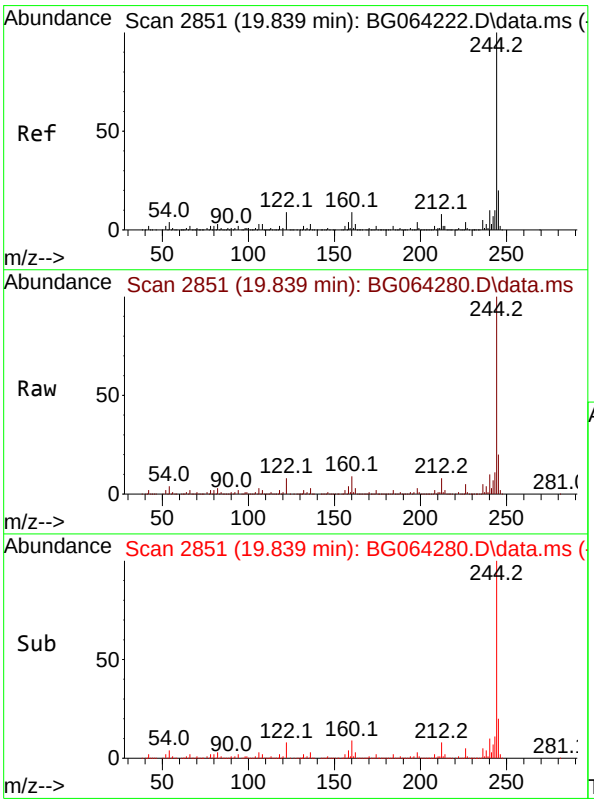
#77
Benzidine
Concen: 4.775 ng
RT: 19.839 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:184 Resp: 19123

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.7	17.5#
183	9.7	9.7	14.5

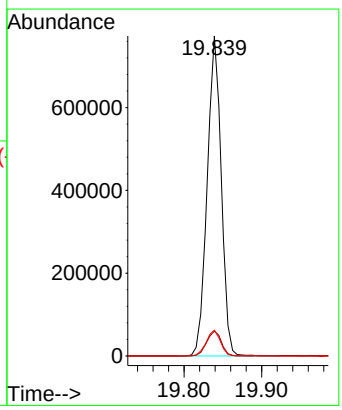


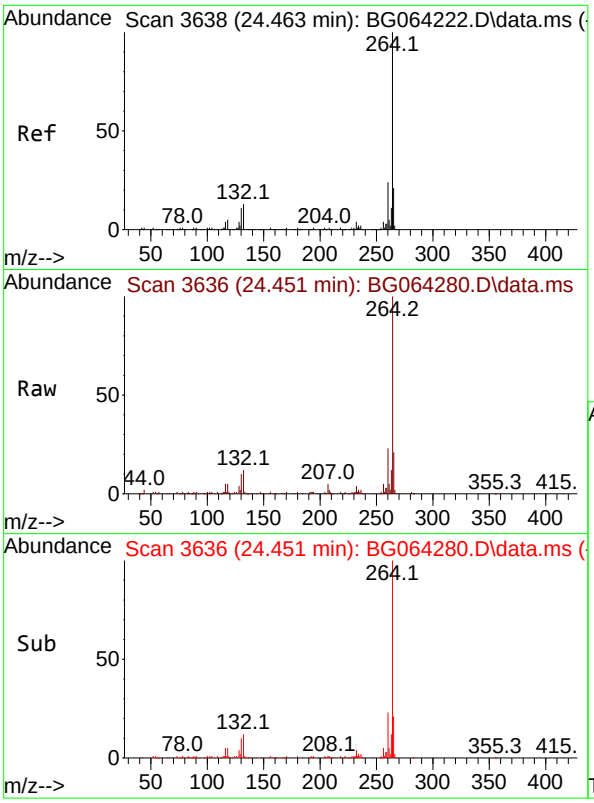


#79
Terphenyl-d14
Concen: 107.039 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Tgt Ion:244 Resp: 976655

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	8.0	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.451 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064280.D
Acq: 4 Sep 2025 12:35

Instrument :
BNA_G
ClientSampleId :
PB169461BL

Tgt Ion:264 Resp: 207350

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.0	16.7	25.1