Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Quant Time: Oct 20 14:55:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	14412	20.000	ng	# 0.00
21) Naphthalene-d8	10.603	136	55177	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	43937	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	117288	20.000	ng	0.00
76) Chrysene-d12	21.414	240	124365	20.000	ng	0.00
86) Perylene-d12	24.410	264	134795	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	111386	143.034	ng	0.00
7) Phenol-d6	6.995	99	139419	133.224	ng	0.00
23) Nitrobenzene-d5	8.970	82	98938	96.415	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	125958	158.155	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	286706	96.184	ng	0.00
79) Terphenyl-d14	19.810	244	678969	103.321	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.970	70	15775	22.539	ng	# 74
51) 2,6-Dinitrotoluene	14.445	165	5831	8.134	ng	# 14
57) 2,4-Dinitrotoluene	14.445	165	5831	5.321	ng	# 23
67) 4-Bromophenyl-phenylether	15.938	248	8405	6.090	ng	# 1
77) Benzidine	19.810	184	13695	4.425	ng	# 80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064548.D
Acq On : 20 Oct 2025 13:44
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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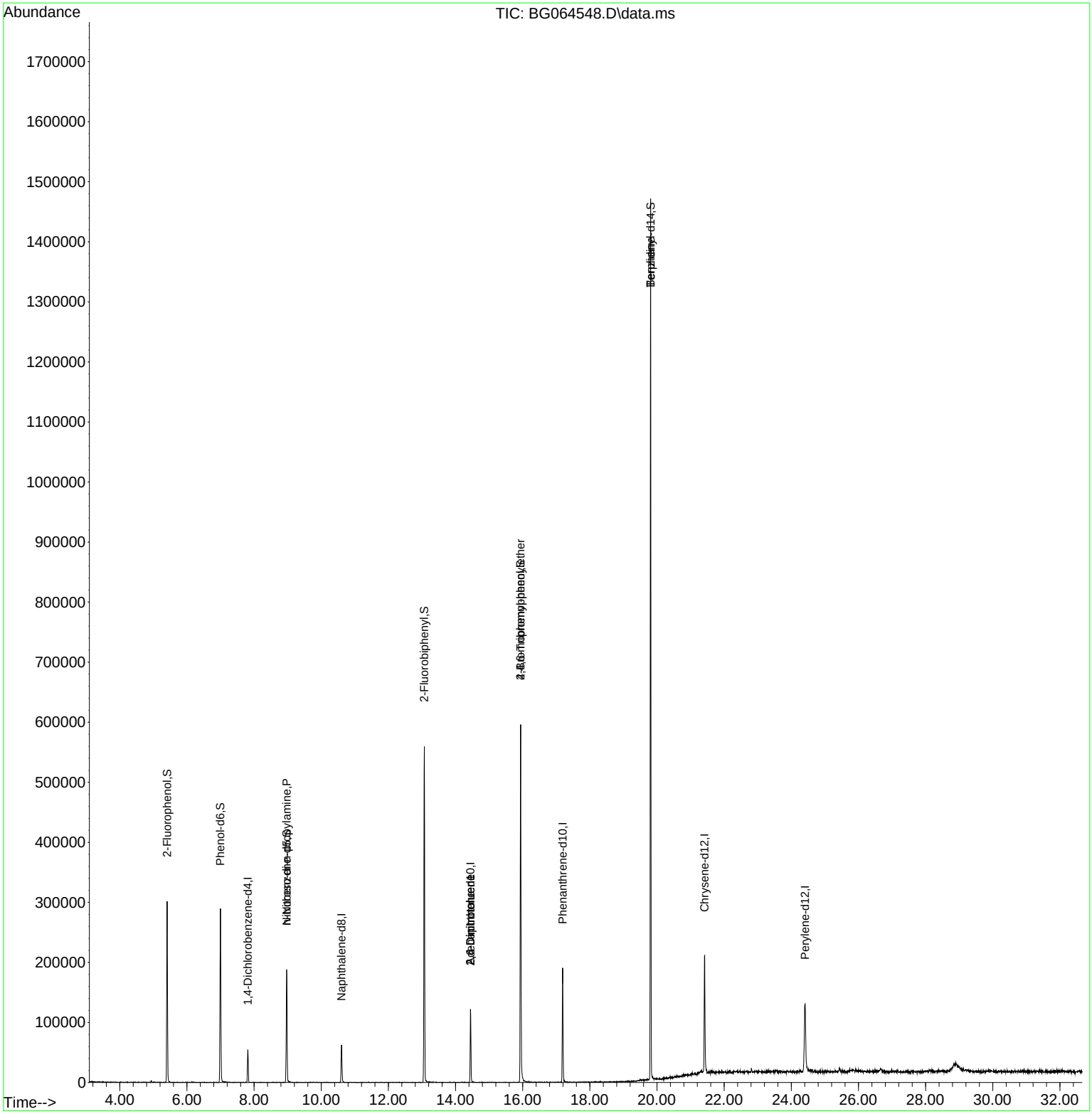
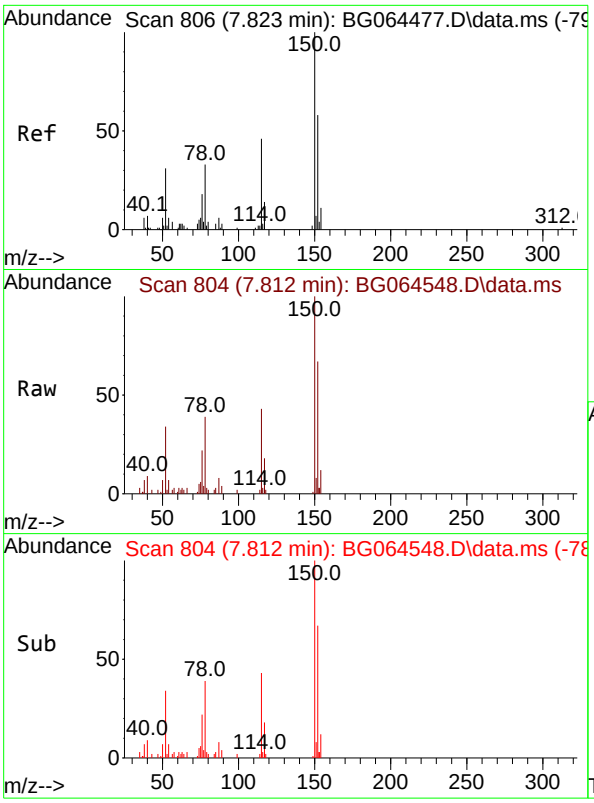
Quant Time: Oct 20 14:55:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



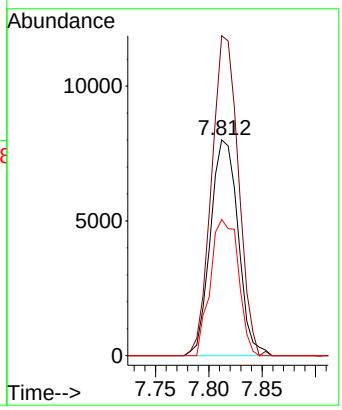


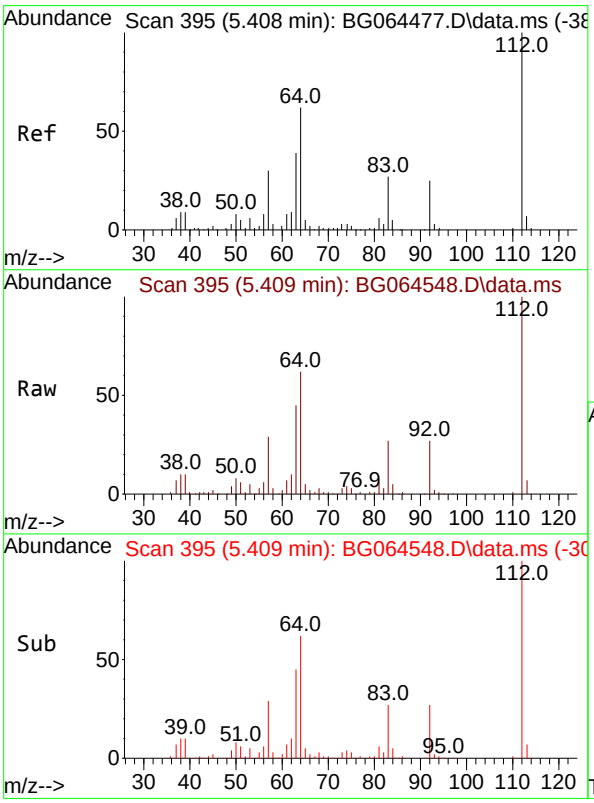
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 8(
Delta R.T. -0.008 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:152 Resp: 14412

Ion	Ratio	Lower	Upper
152	100		
150	148.2	138.6	207.8
115	63.1	63.4	95.2#

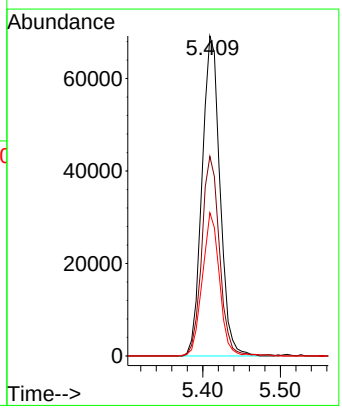


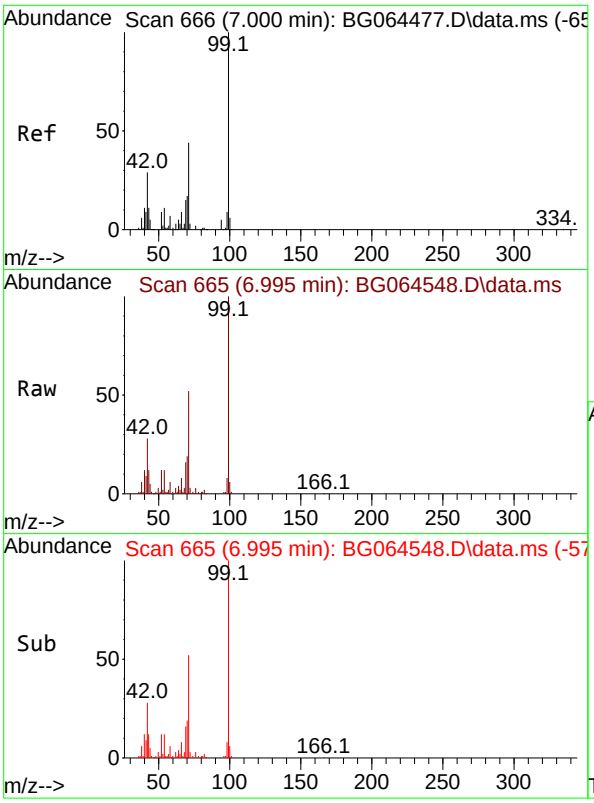


#5
2-Fluorophenol
Concen: 143.034 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:112 Resp: 111386

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.8	74.8
63	44.8	31.3	46.9



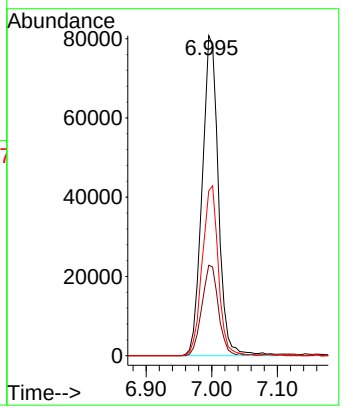


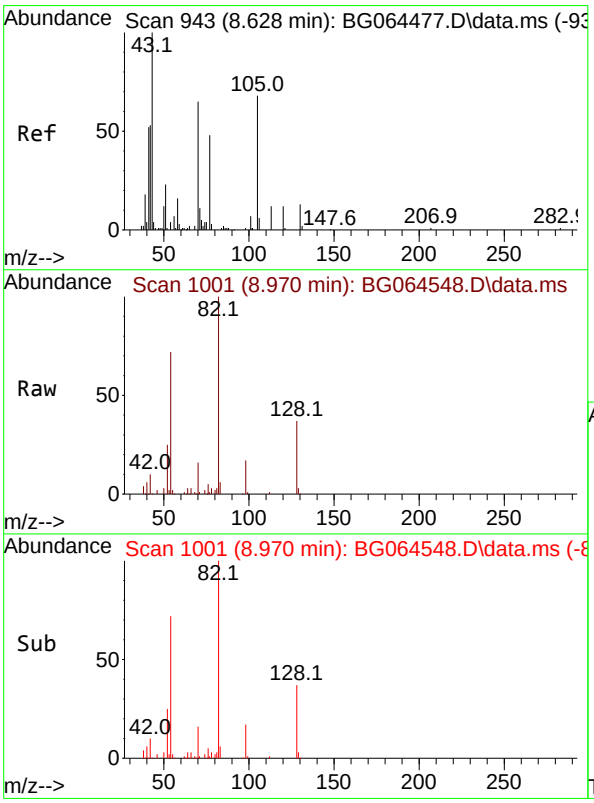
#7
Phenol-d6
Concen: 133.224 ng
RT: 6.995 min Scan# 6
Delta R.T. 0.009 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion: 99 Resp: 139419

Ion	Ratio	Lower	Upper
99	100		
42	28.3	22.9	34.3
71	51.6	35.4	53.2

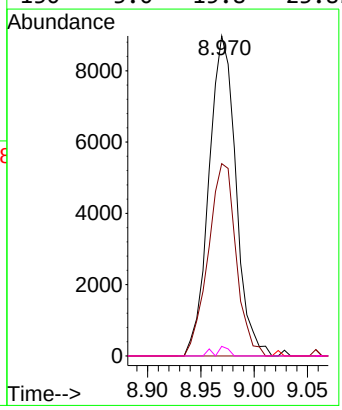


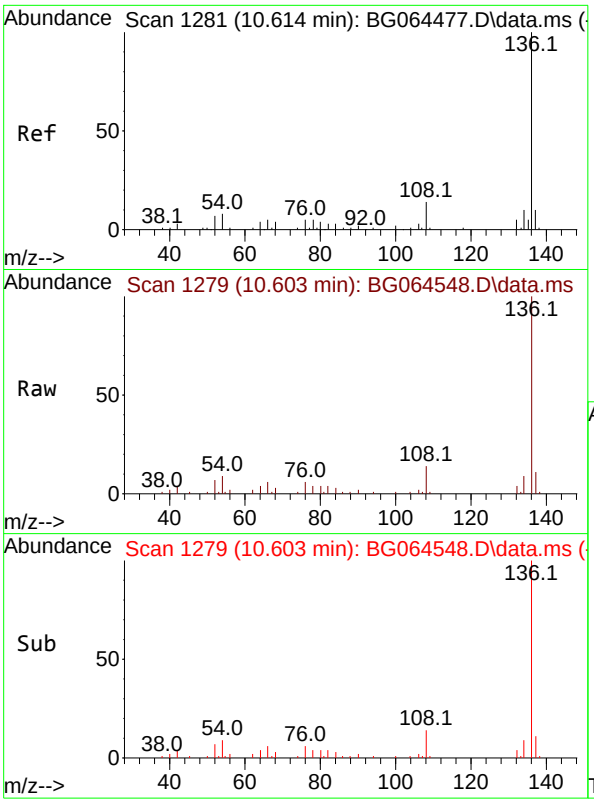


#19
n-Nitroso-di-n-propylamine
Concen: 22.539 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion: 70 Resp: 15775

Ion	Ratio	Lower	Upper
70	100		
42	60.1	64.9	97.3#
101	0.0	8.7	13.1#
130	3.0	15.8	23.8#



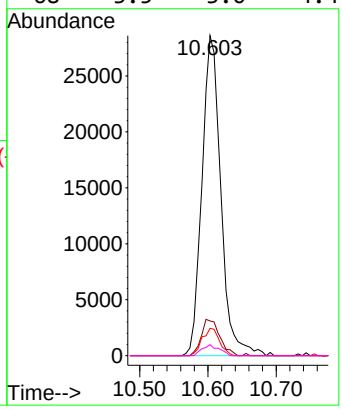


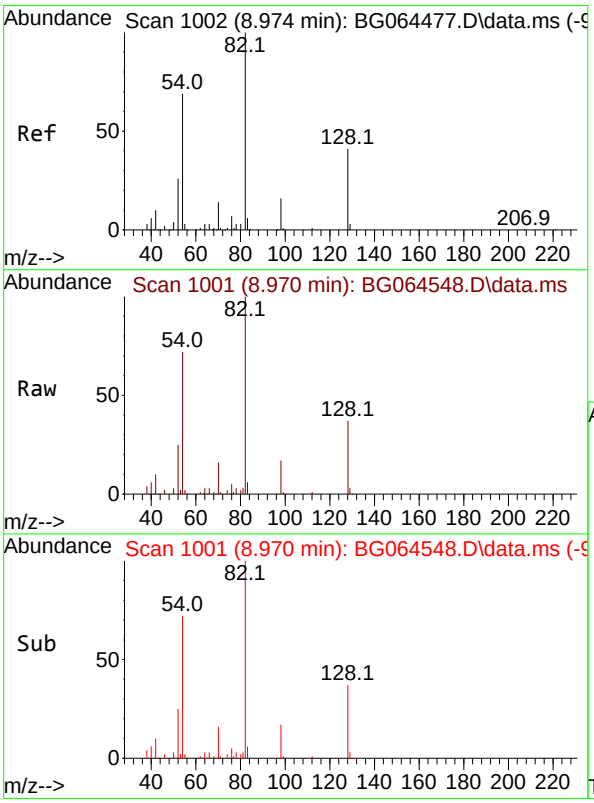
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:136 Resp: 55177

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	9.2	6.2	9.4
68	3.5	3.0	4.4

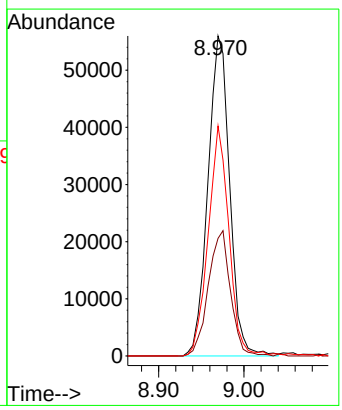


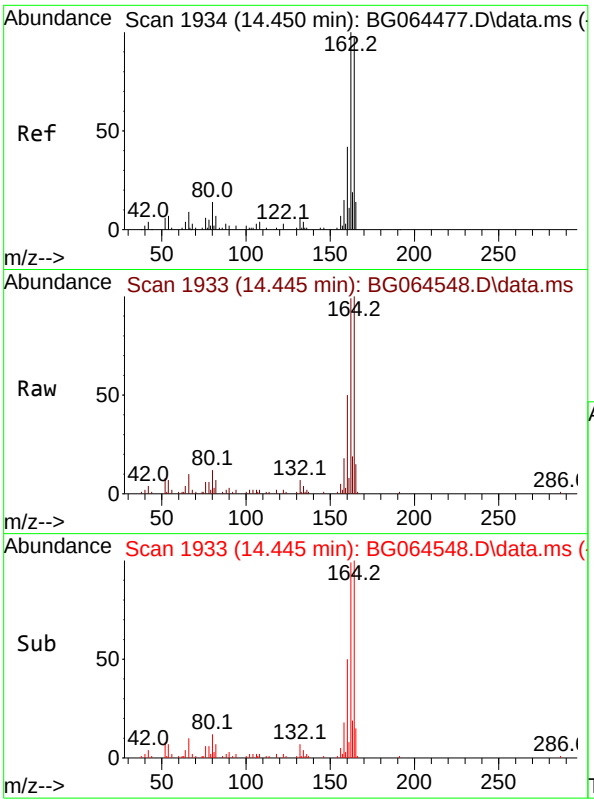


#23
Nitrobenzene-d5
Concen: 96.415 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion: 82 Resp: 98938

Ion	Ratio	Lower	Upper
82	100		
128	36.7	33.1	49.7
54	71.8	55.4	83.2



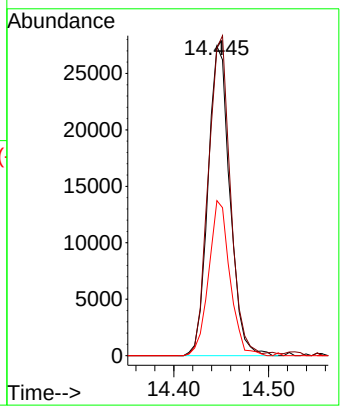


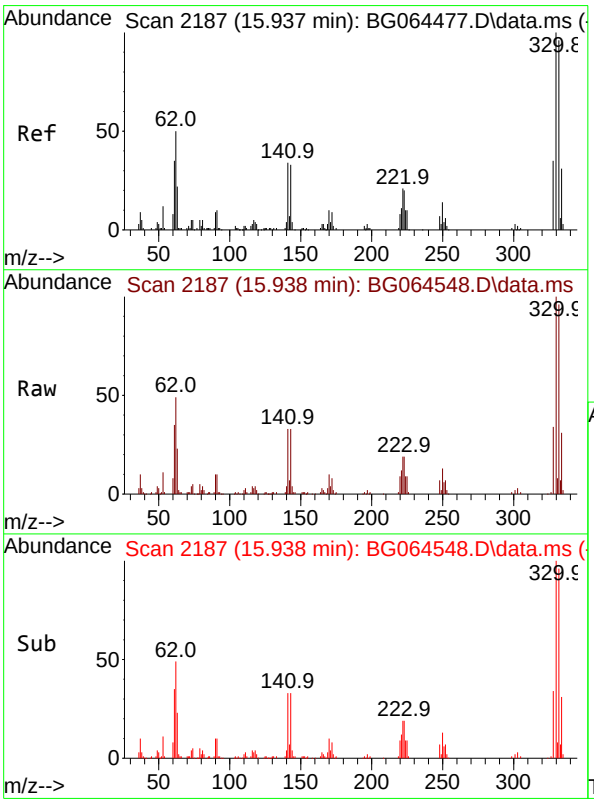
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:164 Resp: 43937

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.2
160	50.1	34.3	51.5

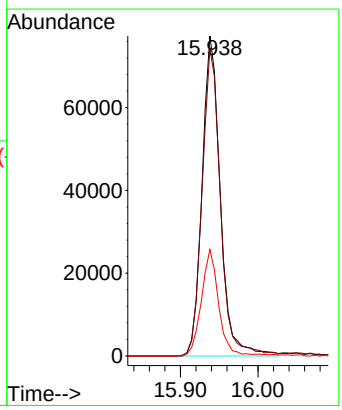


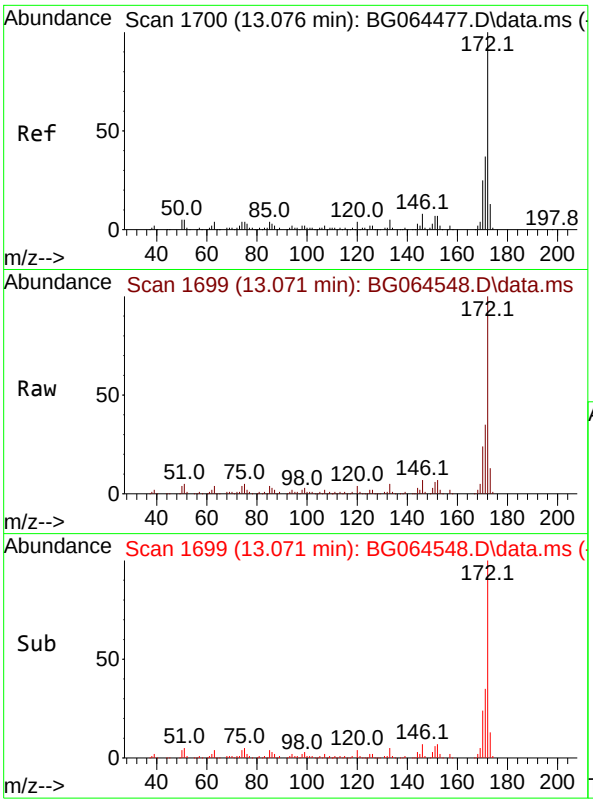


#42
2,4,6-Tribromophenol
Concen: 158.155 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:330 Resp: 125958

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	32.2	25.8	38.6



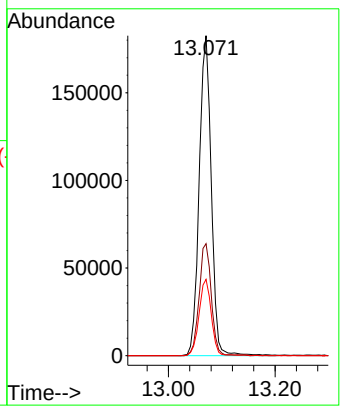


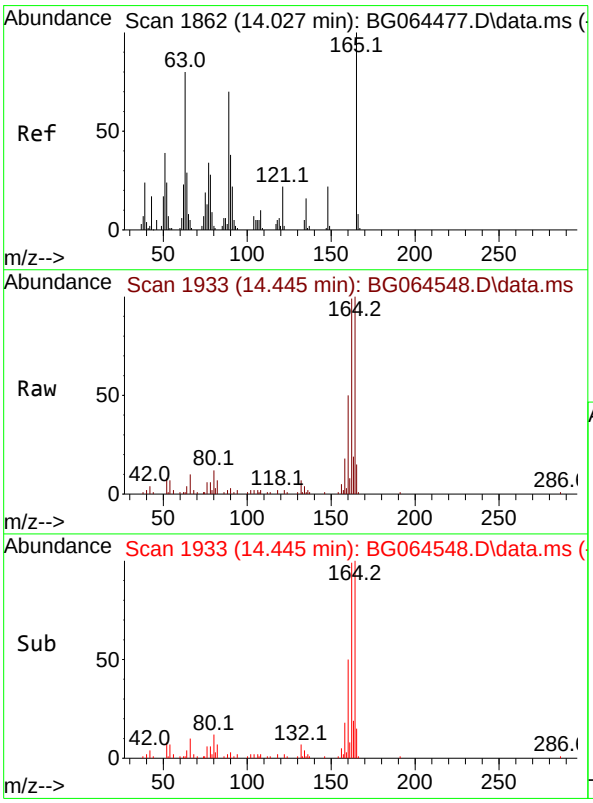
#45
2-Fluorobiphenyl
Concen: 96.184 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:172 Resp: 286706

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.9	20.2	30.2

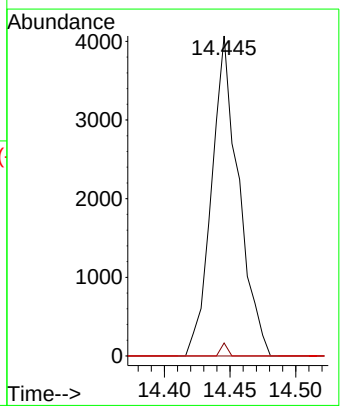


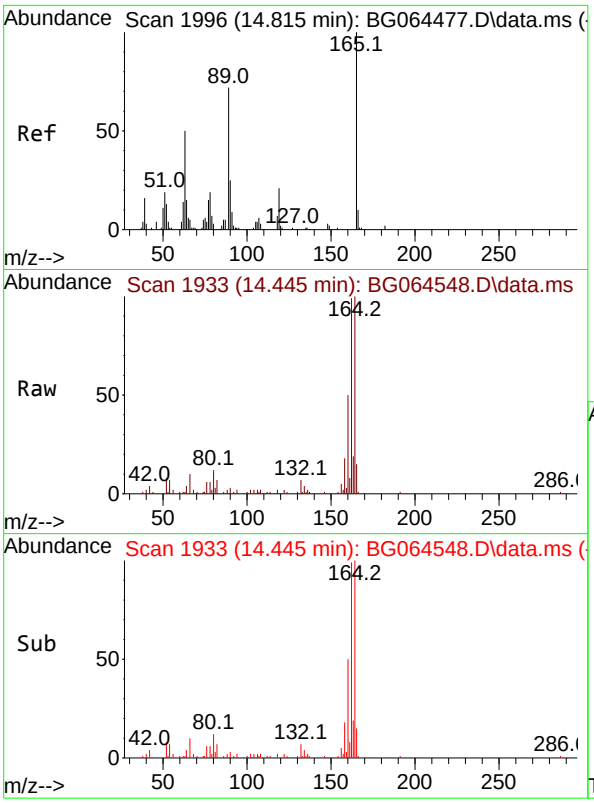


#51
2,6-Dinitrotoluene
Concen: 8.134 ng
RT: 14.445 min Scan# 1933
Delta R.T. 0.426 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:165 Resp: 5831

Ion	Ratio	Lower	Upper
165	100		
63	4.0	63.9	95.9#
89	0.0	56.1	84.1#



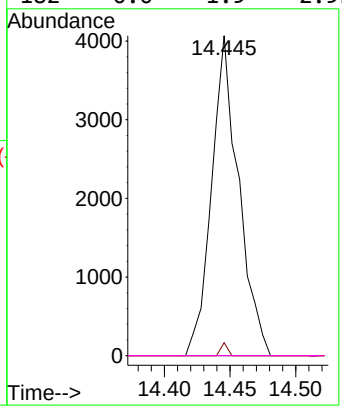


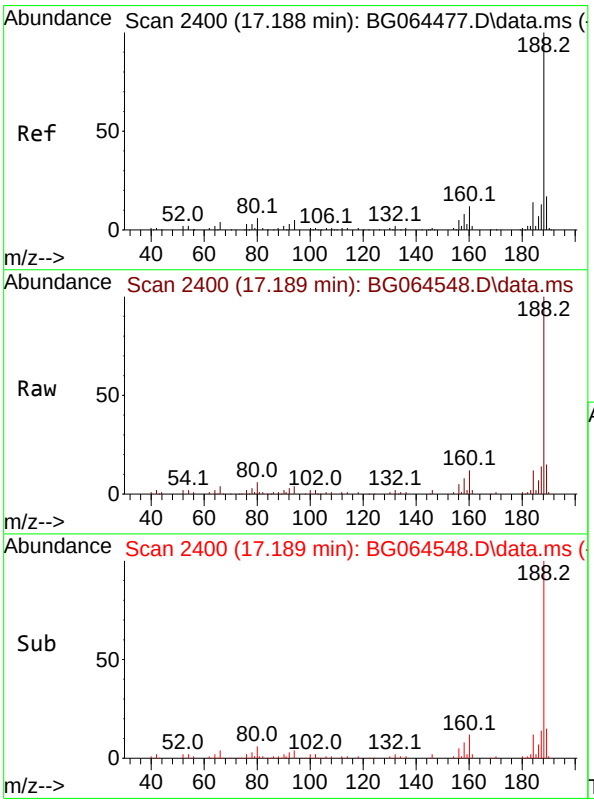
#57
2,4-Dinitrotoluene
Concen: 5.321 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:165 Resp: 5831

Ion	Ratio	Lower	Upper
165	100		
63	4.0	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#

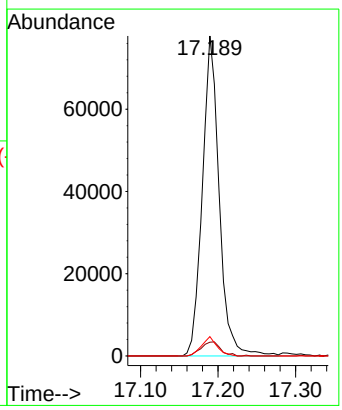


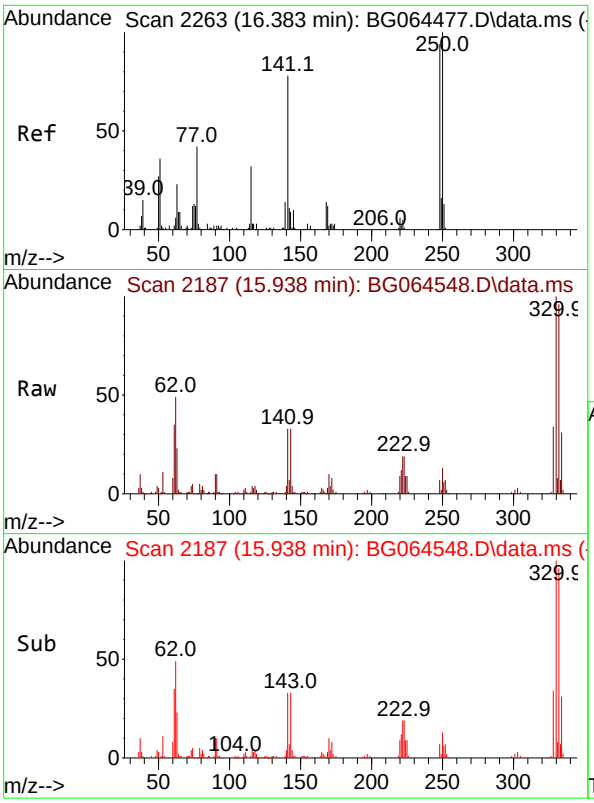


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:188 Resp: 117288

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.7	5.5
80	6.1	4.5	6.7



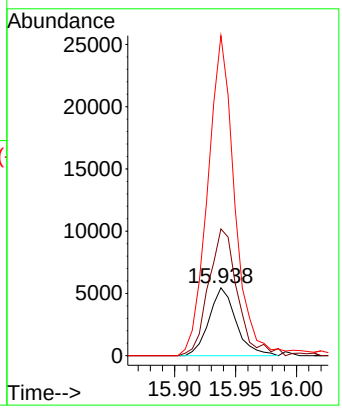


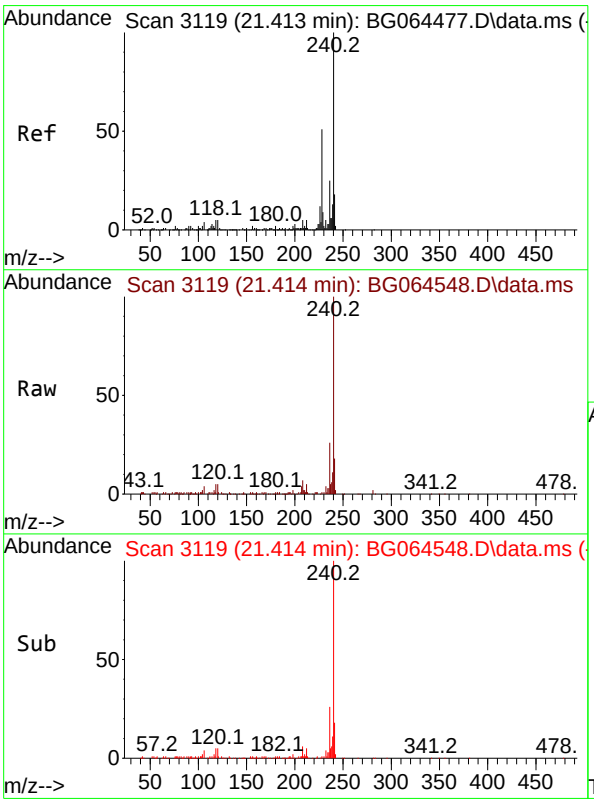
#67
4-Bromophenyl-phenylether
Concen: 6.090 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:248 Resp: 8405

Ion	Ratio	Lower	Upper
248	100		
250	186.7	85.3	127.9#
141	471.5	66.2	99.2#

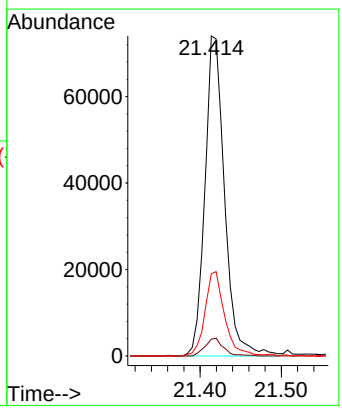


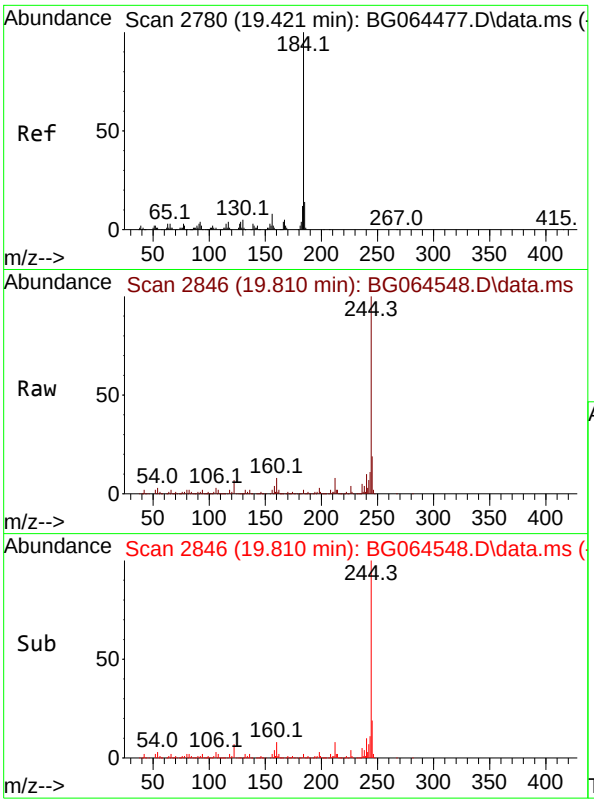


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:240 Resp: 124365

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.3	6.5
236	25.7	20.4	30.6



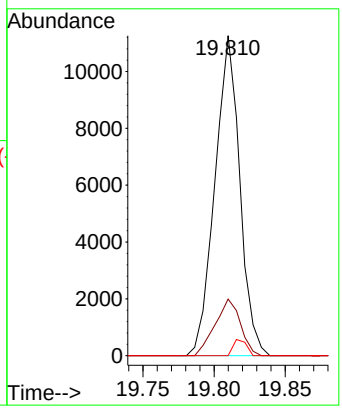


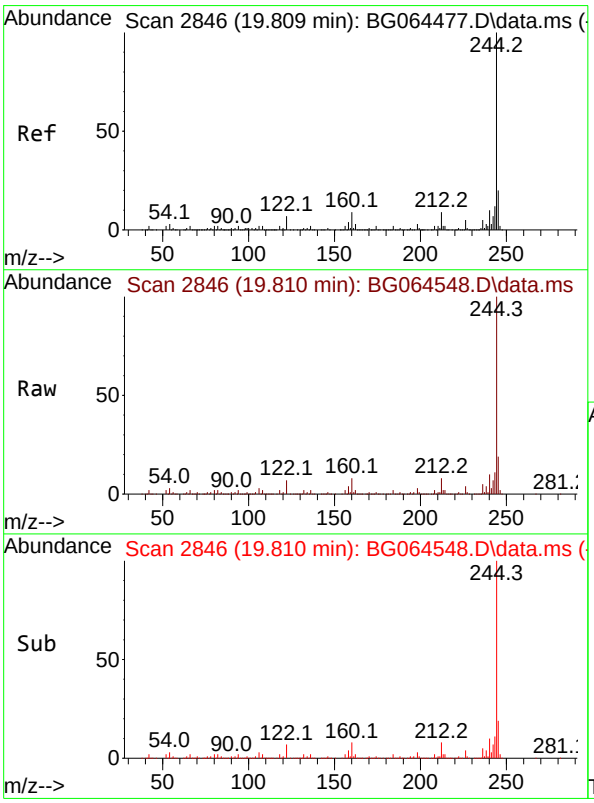
#77
Benzidine
Concen: 4.425 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.385 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:184 Resp: 13695

Ion	Ratio	Lower	Upper
184	100		
185	17.7	10.9	16.3#
183	0.0	9.8	14.6#

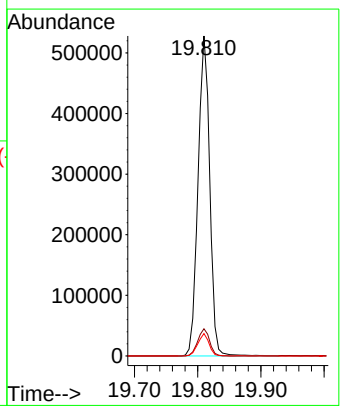


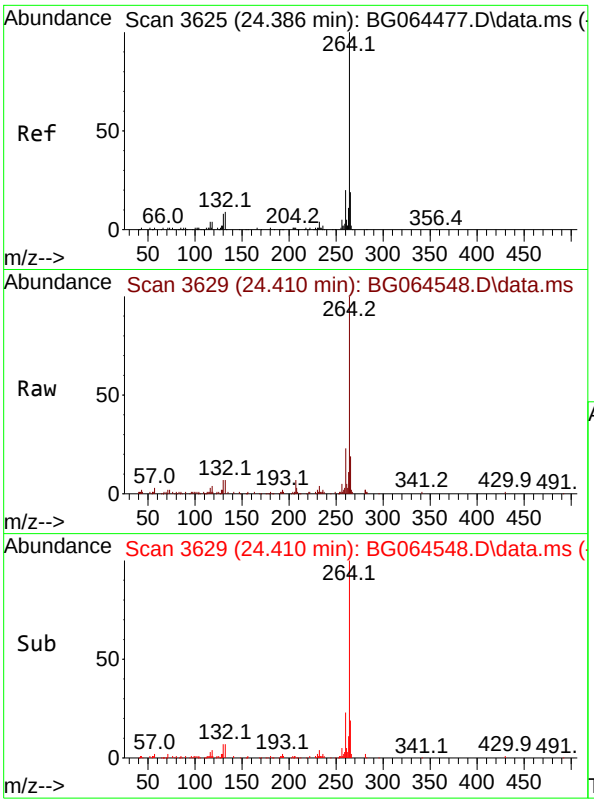


#79
Terphenyl-d14
Concen: 103.321 ng
RT: 19.810 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Tgt Ion:244 Resp: 678969

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	7.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.410 min Scan# 3
Delta R.T. 0.021 min
Lab File: BG064548.D
Acq: 20 Oct 2025 13:44

Instrument :
BNA_G
ClientSampleId :
PB170165BL

Tgt Ion:264 Resp: 134795

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.2	24.4
265	19.1	15.0	22.4