Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064457.D
Acq On : 29 Sep 2025 13:02
Operator : RC/JU
Sample : PB169873BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Quant Time: Sep 29 18:11:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	15751	20.000	ng	0.00
21) Naphthalene-d8	10.623	136	63617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.460	164	53384	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	149845	20.000	ng	# 0.00
76) Chrysene-d12	21.428	240	170237	20.000	ng	0.00
86) Perylene-d12	24.424	264	187310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	118221	143.429	ng	0.00
7) Phenol-d6	7.010	99	158449	140.318	ng	0.00
23) Nitrobenzene-d5	8.990	82	106882	91.052	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	134606	144.434	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	284697	78.750	ng	0.00
79) Terphenyl-d14	19.824	244	803405	93.032	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.984	70	15774	20.667	ng	# 77
51) 2,6-Dinitrotoluene	14.460	165	7387	8.624	ng	# 21
57) 2,4-Dinitrotoluene	14.460	165	7387	5.649	ng	# 19
67) 4-Bromophenyl-phenylether	15.952	248	9238	5.262	ng	# 1
77) Benzidine	19.824	184	16558	3.715	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064457.D
Acq On : 29 Sep 2025 13:02
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Sample : PB169873BL
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Instrument :
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Quant Time: Sep 29 18:11:10 2025
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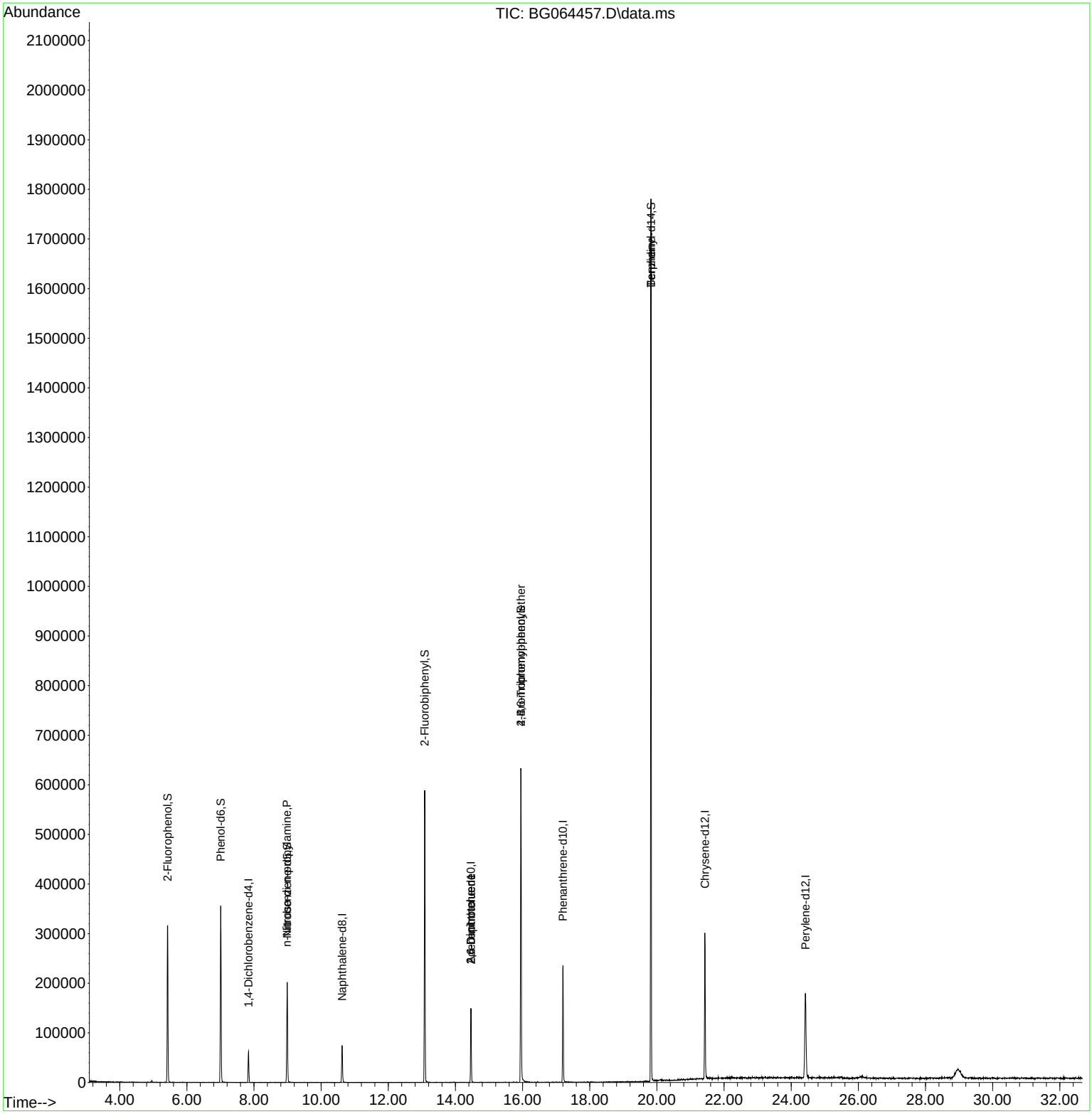
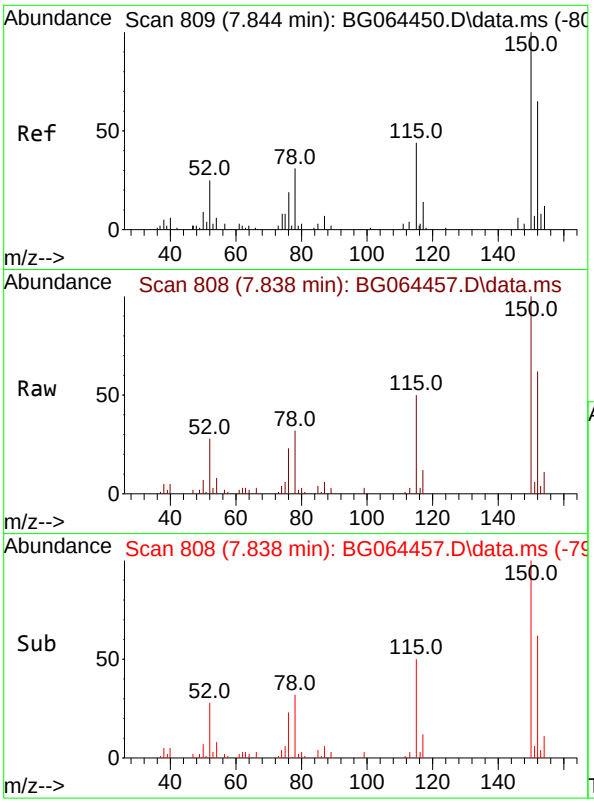
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration



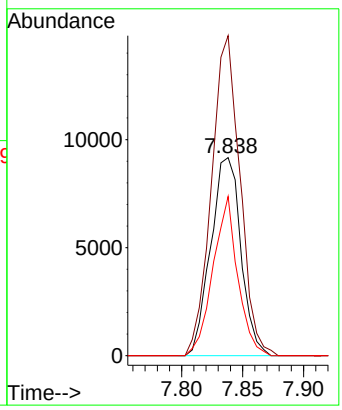


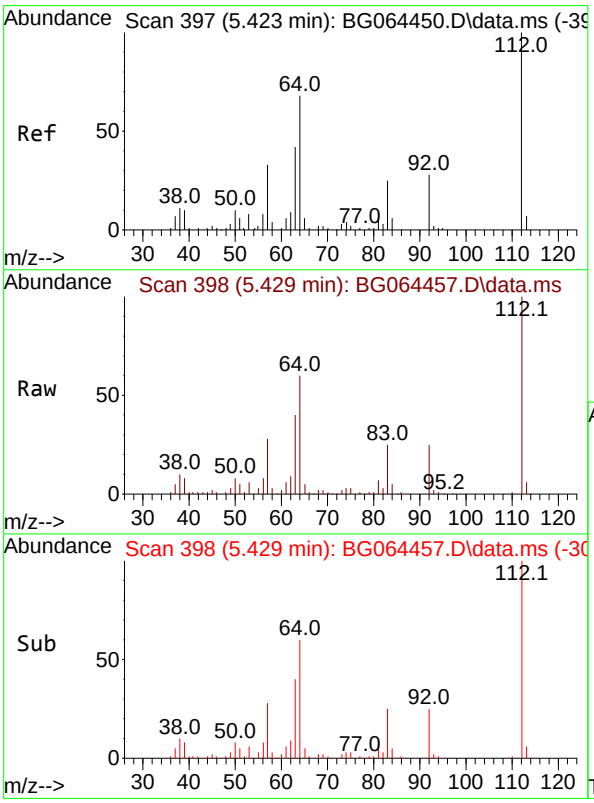
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:152 Resp: 15751

Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.9	184.3
115	80.4	54.3	81.5

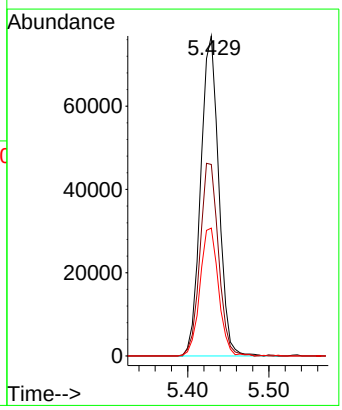


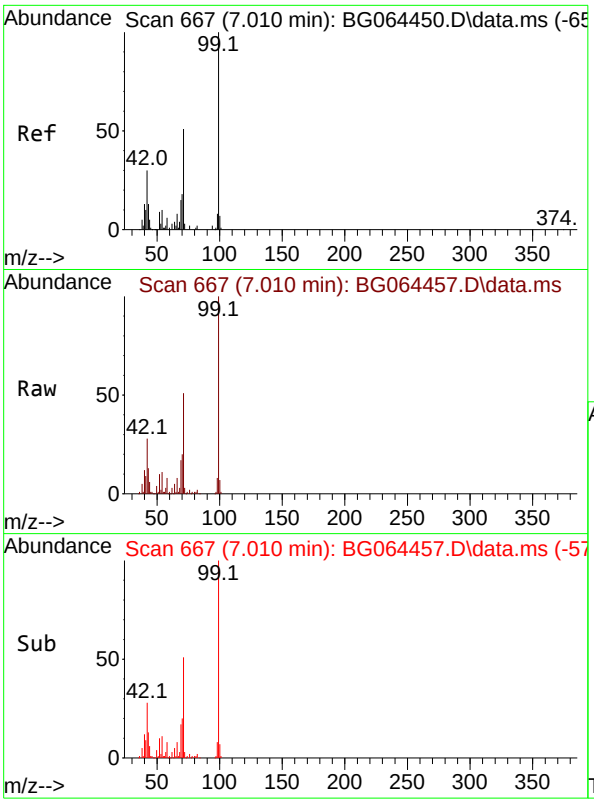


#5
2-Fluorophenol
Concen: 143.429 ng
RT: 5.429 min Scan# 398
Delta R.T. 0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:112 Resp: 118221

Ion	Ratio	Lower	Upper
112	100		
64	59.9	54.0	81.0
63	40.0	33.8	50.6



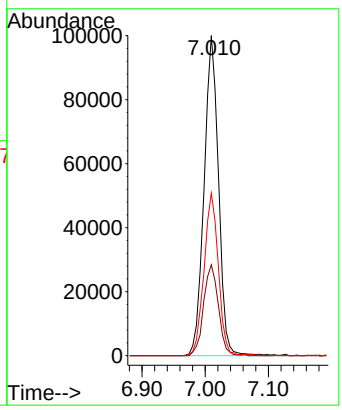


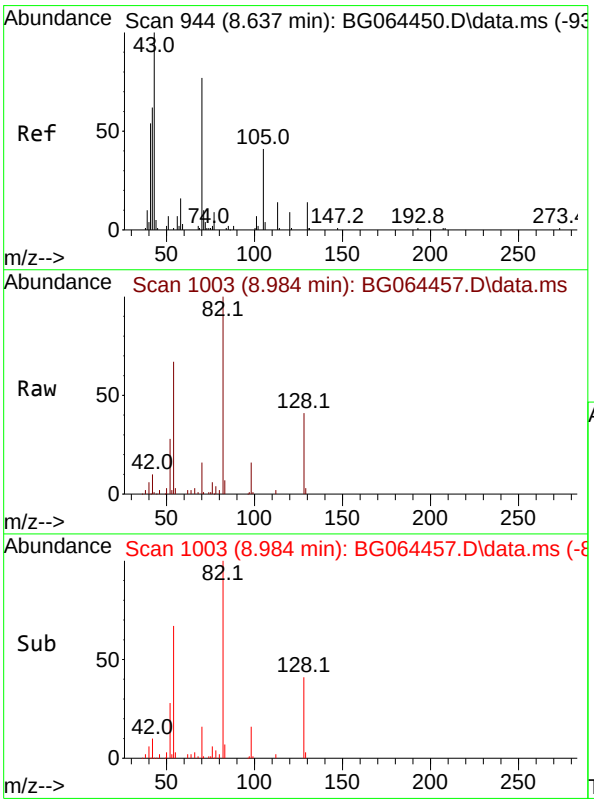
#7
Phenol-d6
Concen: 140.318 ng
RT: 7.010 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion: 99 Resp: 158449

Ion	Ratio	Lower	Upper
99	100		
42	28.4	24.0	36.0
71	50.8	40.5	60.7

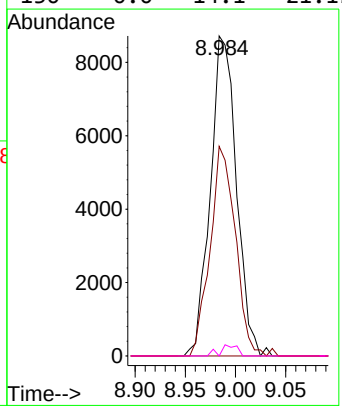


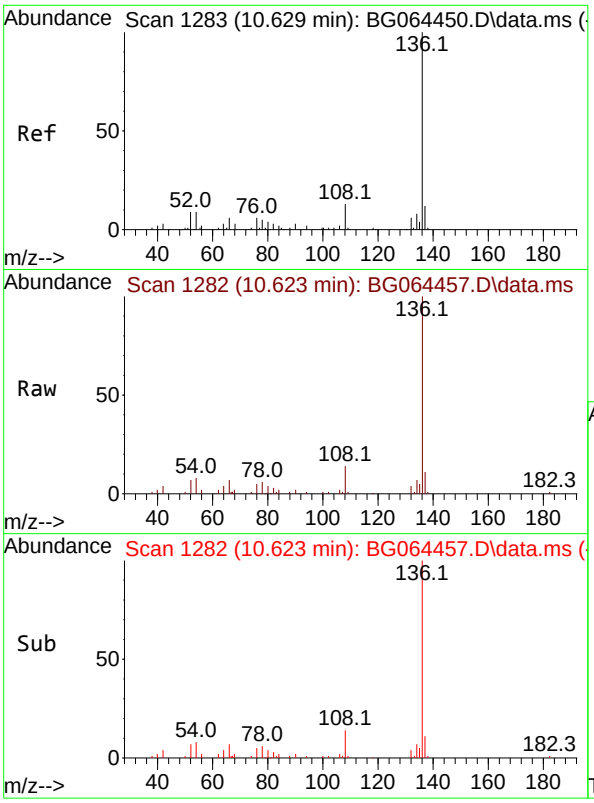


#19
n-Nitroso-di-n-propylamine
Concen: 20.667 ng
RT: 8.984 min Scan# 1003
Delta R.T. 0.347 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion: 70 Resp: 15774

Ion	Ratio	Lower	Upper
70	100		
42	65.5	65.6	98.4#
101	0.0	7.7	11.5#
130	0.0	14.1	21.1#



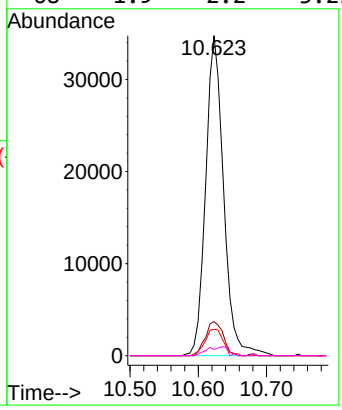


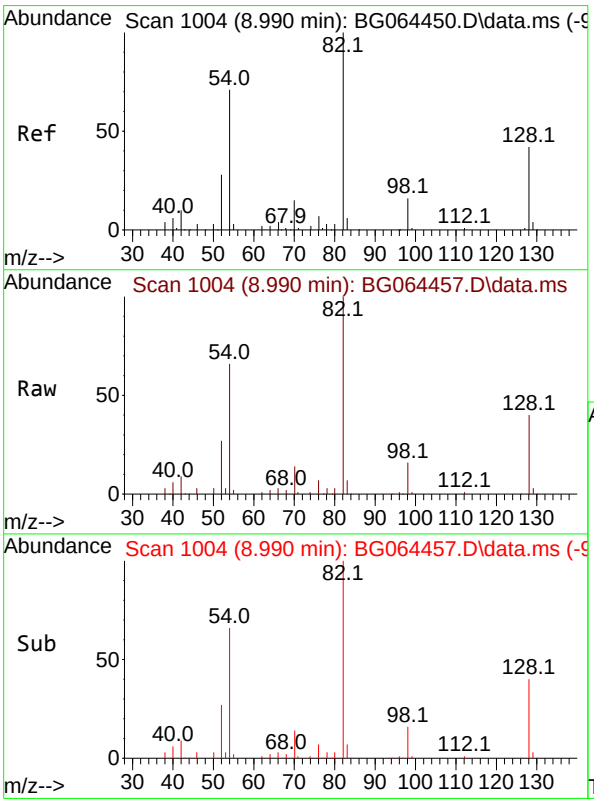
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:136 Resp: 63617

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.3	7.4	11.2
68	1.9	2.2	3.2#

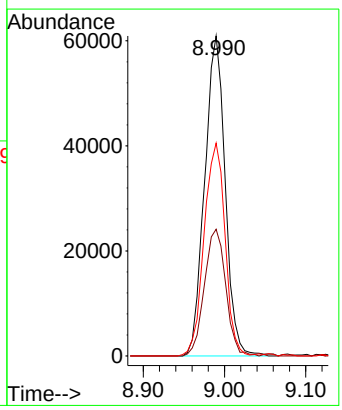


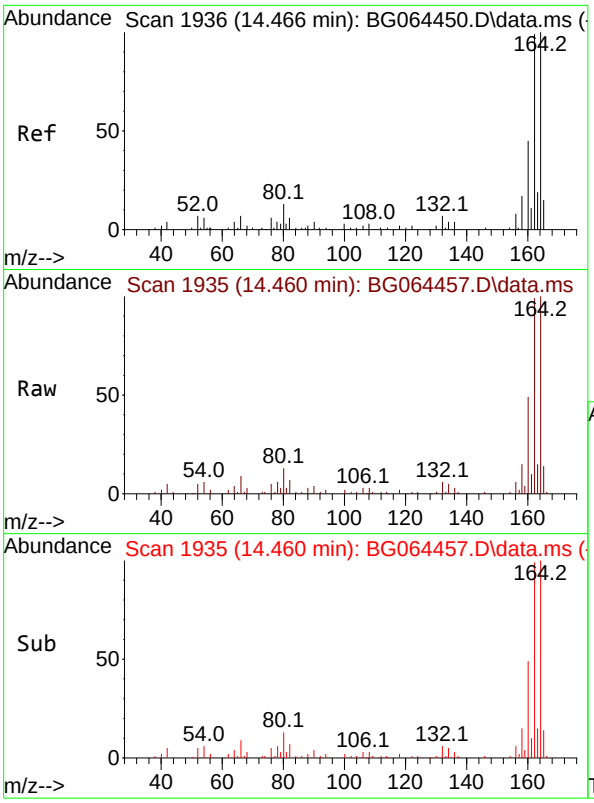


#23
Nitrobenzene-d5
Concen: 91.052 ng
RT: 8.990 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion: 82 Resp: 106882

Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.7	50.5
54	66.5	57.0	85.6



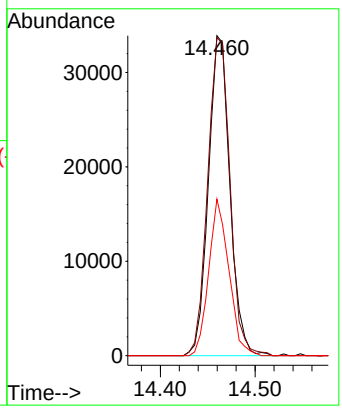


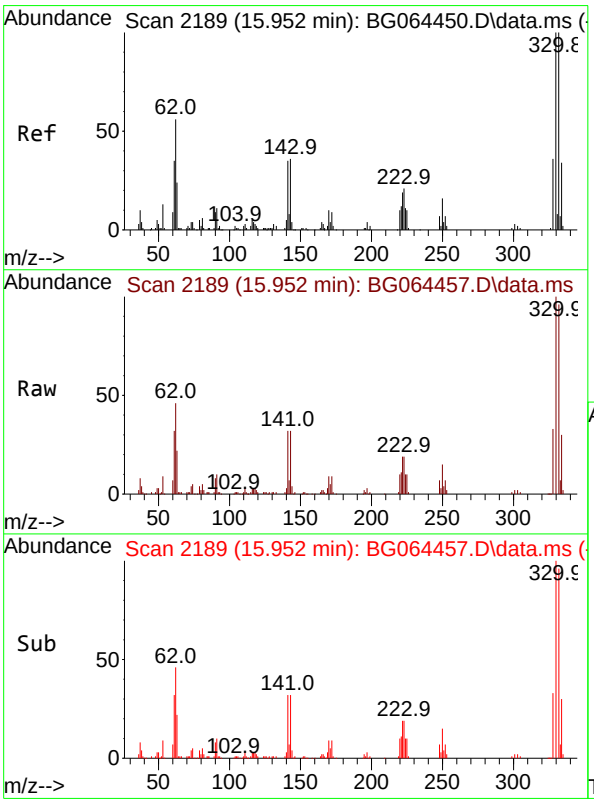
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:164 Resp: 53384

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.0	118.4
160	48.9	36.3	54.5

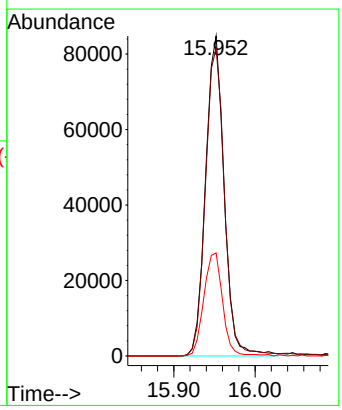


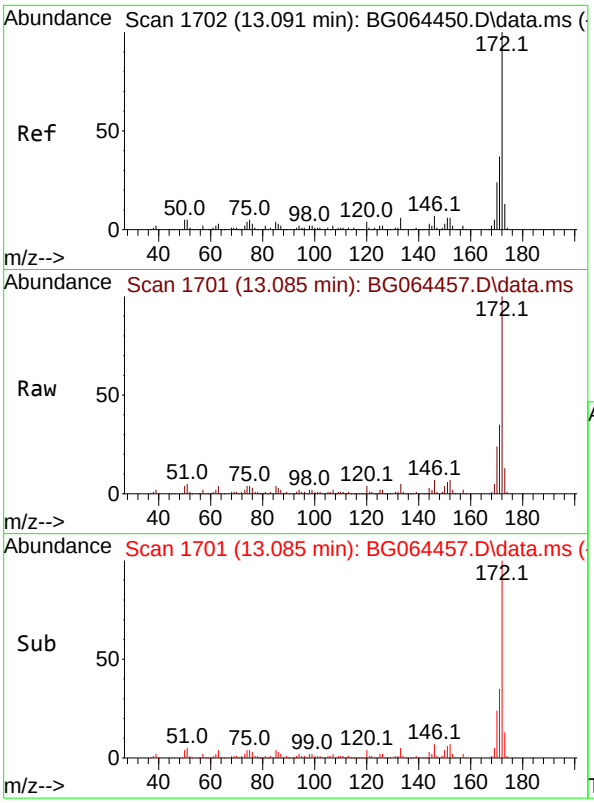


#42
2,4,6-Tribromophenol
Concen: 144.434 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:330 Resp: 134606

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.8	118.2
141	32.6	27.3	40.9



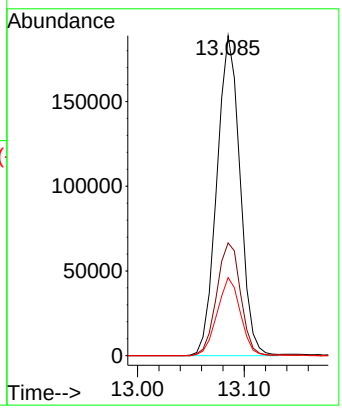


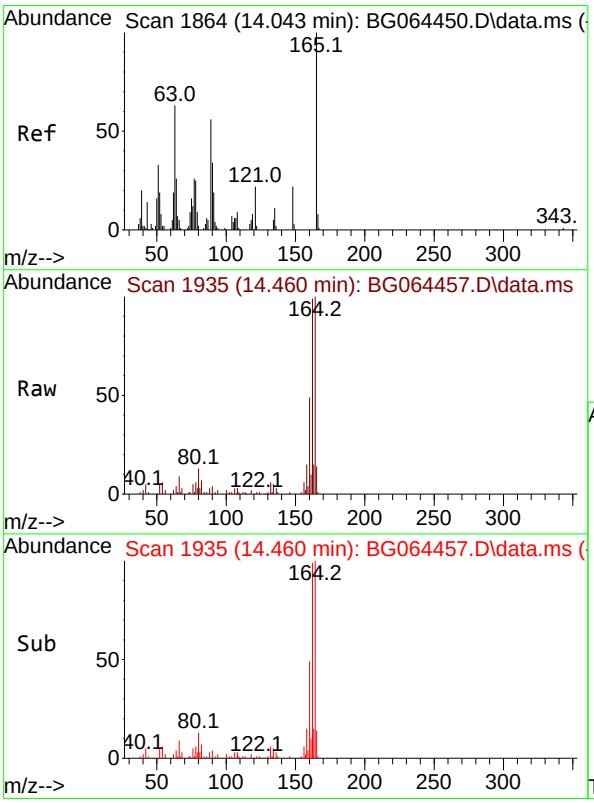
#45
2-Fluorobiphenyl
Concen: 78.750 ng
RT: 13.085 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:172 Resp: 284697

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.2
170	24.4	18.9	28.3

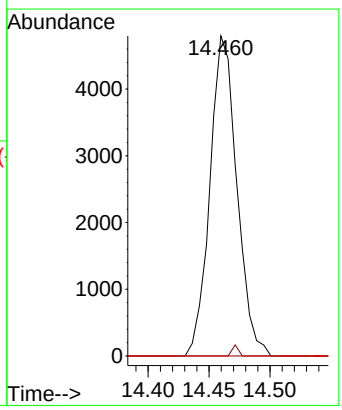


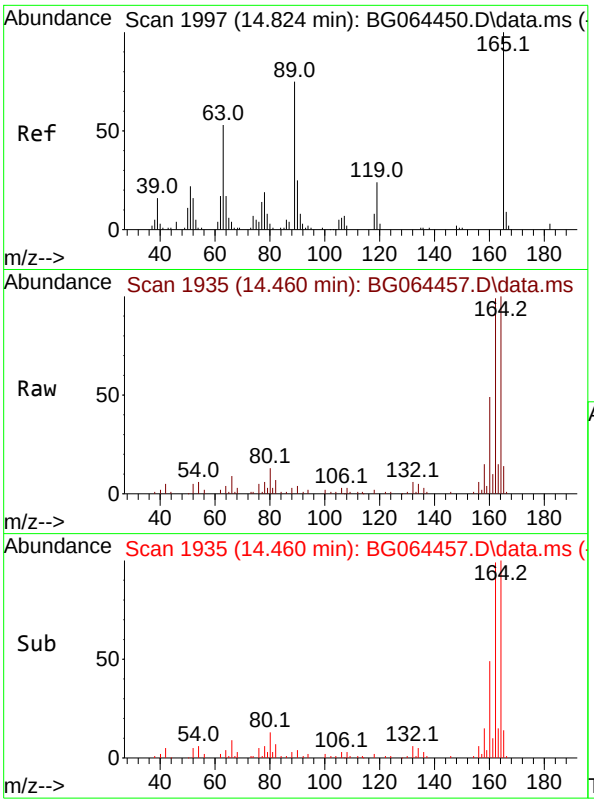


#51
2,6-Dinitrotoluene
Concen: 8.624 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.417 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:165 Resp: 7387

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.6	75.8#
89	0.0	44.6	67.0#



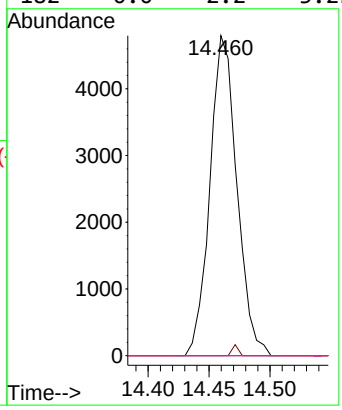


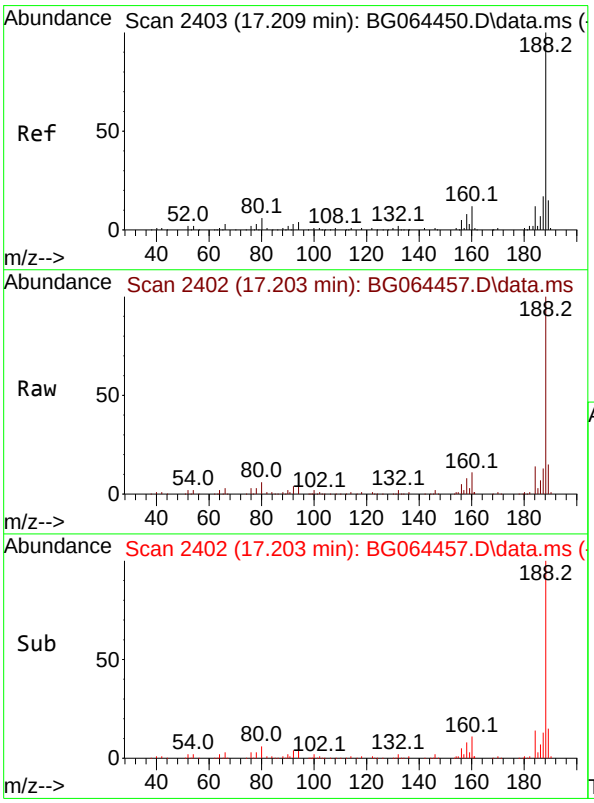
#57
2,4-Dinitrotoluene
Concen: 5.649 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:165 Resp: 7387

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	63.8#
89	0.0	59.7	89.5#
182	0.0	2.2	3.2#

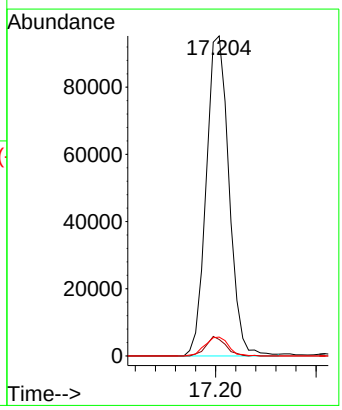


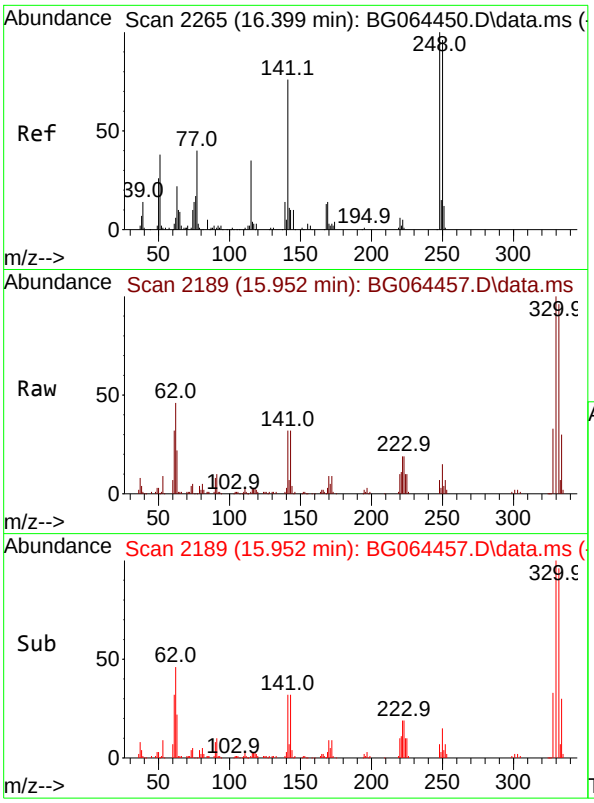


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:188 Resp: 149845

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.0	4.4#
80	5.9	4.9	7.3



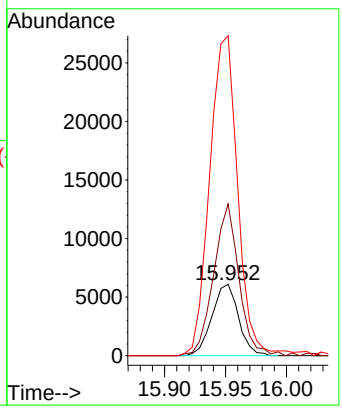


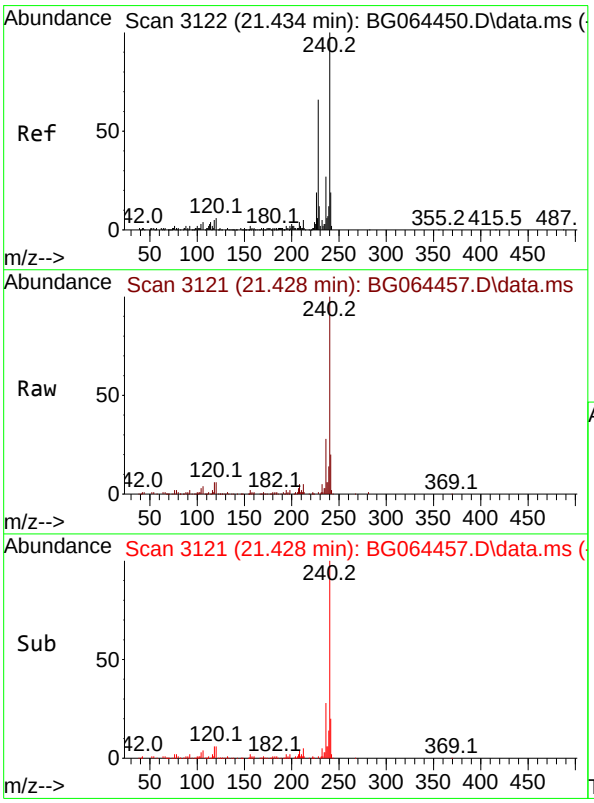
#67
4-Bromophenyl-phenylether
Concen: 5.262 ng
RT: 15.952 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:248 Resp: 9238

Ion	Ratio	Lower	Upper
248	100		
250	212.6	77.0	115.6#
141	448.5	61.1	91.7#

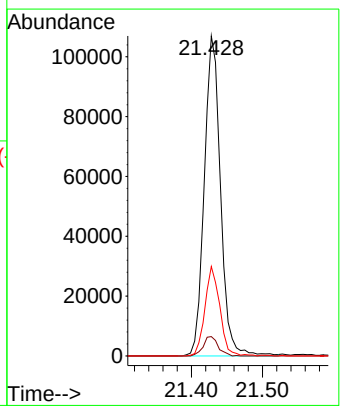


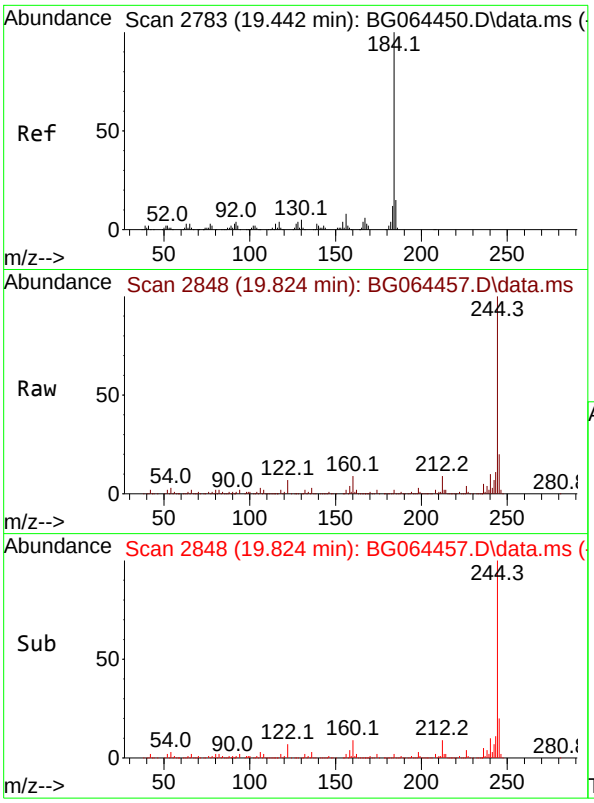


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:240 Resp: 170237

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.4
236	27.9	21.9	32.9



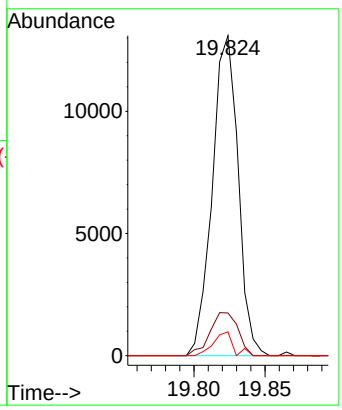


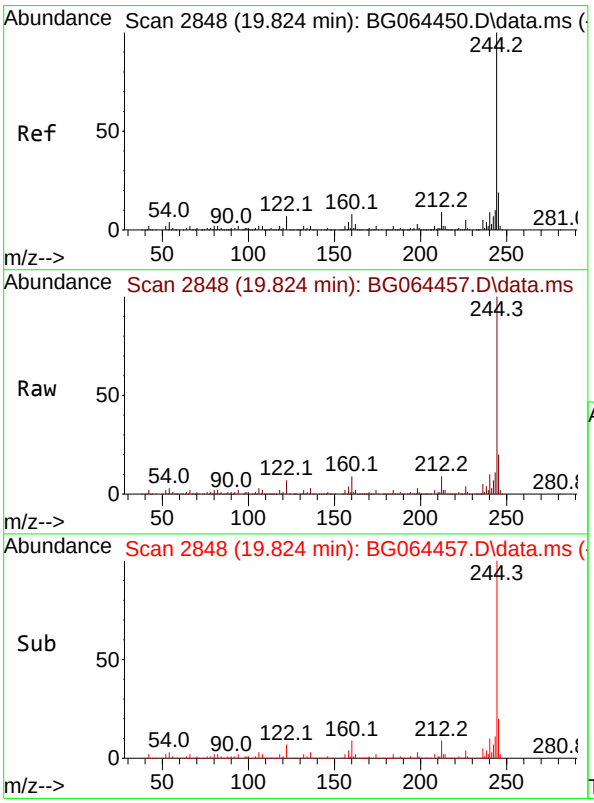
#77
Benzidine
Concen: 3.715 ng
RT: 19.824 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:184 Resp: 16558

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.7	17.5
183	7.5	10.0	15.0#

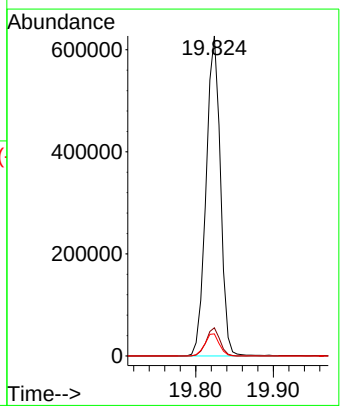


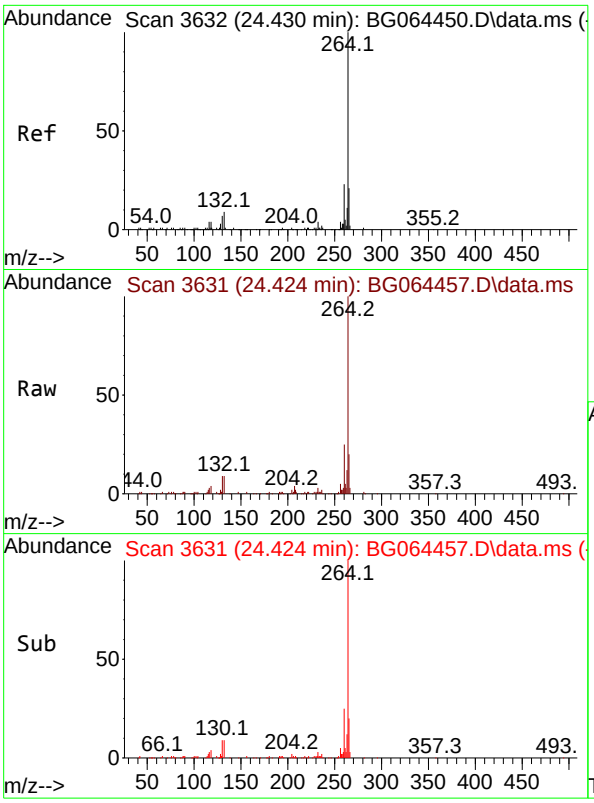


#79
Terphenyl-d14
Concen: 93.032 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:244 Resp: 803405

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	6.9	5.7	8.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.424 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169873BL

Tgt Ion:264 Resp: 187310

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	20.0	16.7	25.1