Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064515.D
Acq On : 16 Oct 2025 14:12
Operator : RC/JU
Sample : PB170122BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Quant Time: Oct 16 16:25:35 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	7.817	152	13914	20.00	ng	0.00
21) Naphthalene-d8	10.607	136	58993	20.00	ng	# 0.00
39) Acenaphthene-d10	14.444	164	47770	20.00	ng	0.00
64) Phenanthrene-d10	17.188	188	117834	20.00	ng	0.00
76) Chrysene-d12	21.412	240	122157	20.00	ng	0.00
86) Perylene-d12	24.391	264	135886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	133190	177.15	ng	0.00
7) Phenol-d6	7.000	99	167812	166.10	ng	0.01
23) Nitrobenzene-d5	8.968	82	116222	105.93	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	135839	156.88	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	319416	98.56	ng	0.00
79) Terphenyl-d14	19.808	244	683299	105.86	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.974	70	17708	26.21	ng	# 67
51) 2,6-Dinitrotoluene	14.444	165	6345	8.14	ng	# 12
57) 2,4-Dinitrotoluene	14.444	165	6345	5.33	ng	# 21
67) 4-Bromophenyl-phenylether	15.931	248	9223	6.65	ng	# 1
77) Benzidine	19.808	184	14160	4.66	ng	# 78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064515.D
Acq On : 16 Oct 2025 14:12
Operator : RC/JU
Sample : PB170122BL
Misc :
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Instrument :
BNA_G
ClientSampleId :
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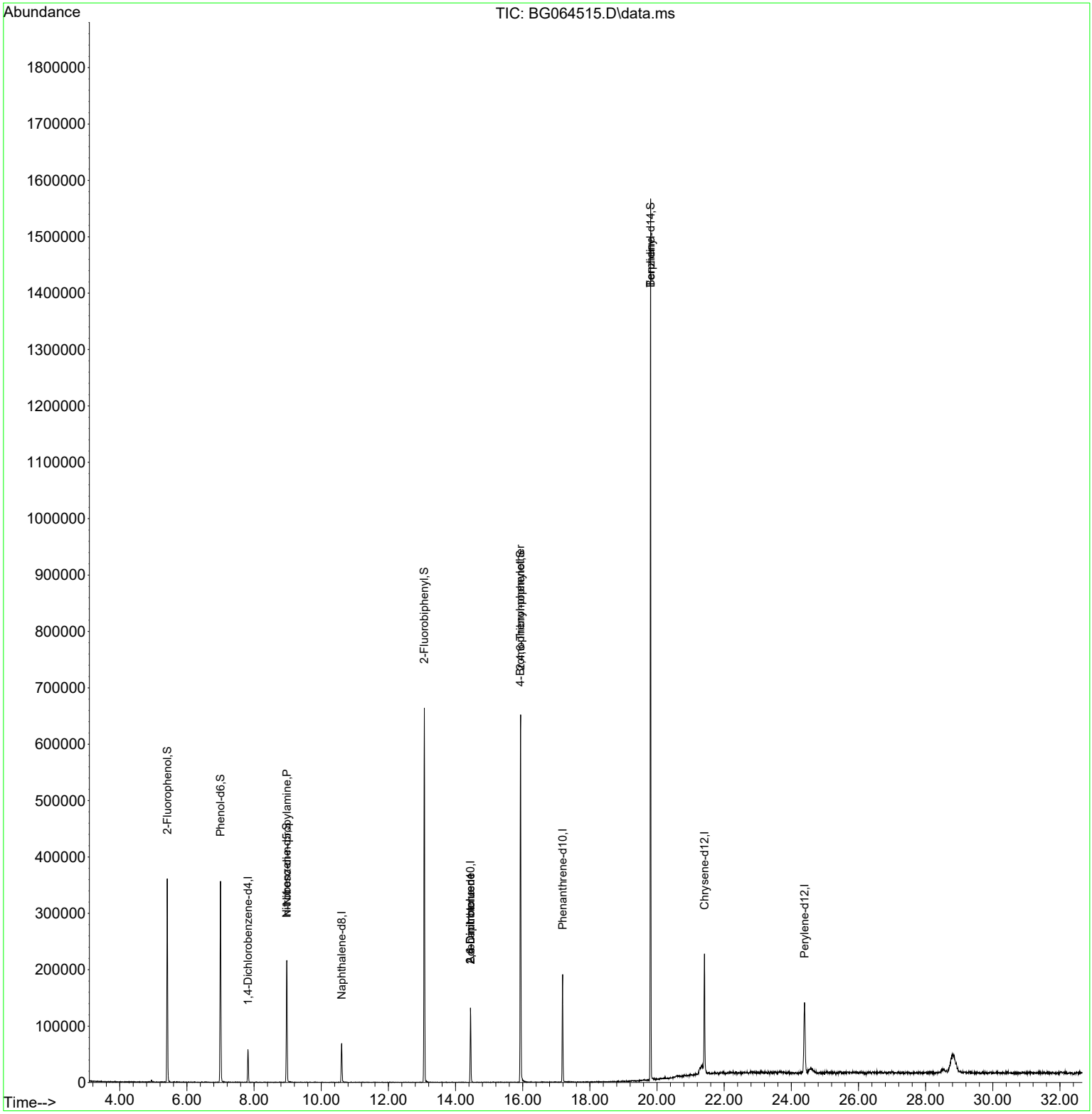
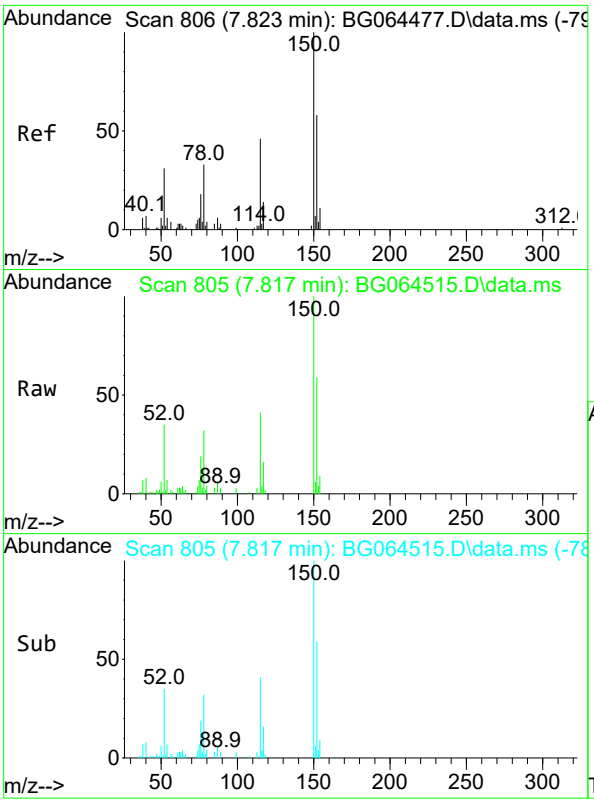
Quant Time: Oct 16 16:25:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



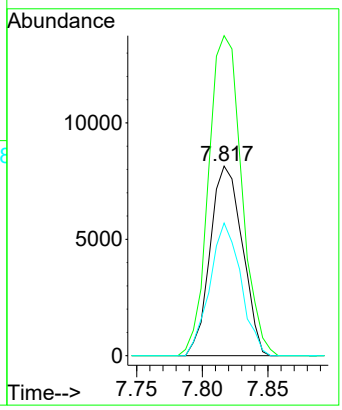


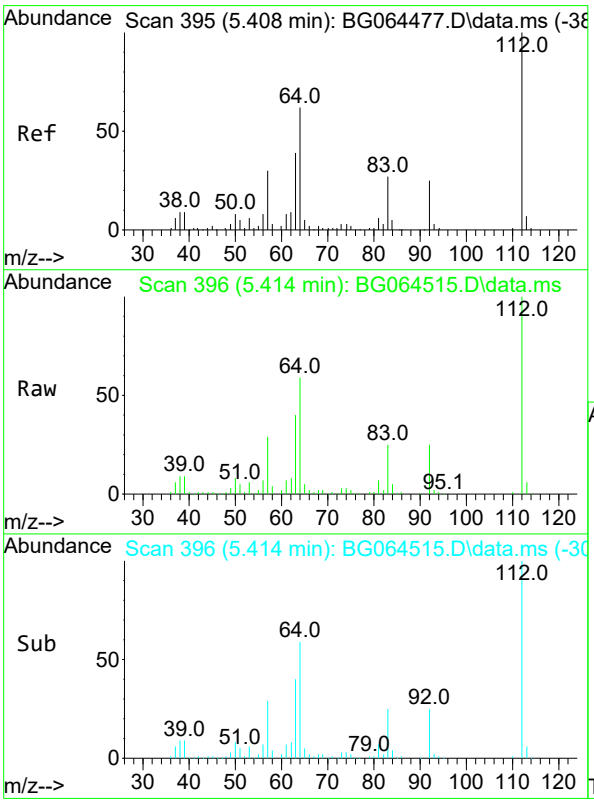
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.817 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:152 Resp: 13914

Ion	Ratio	Lower	Upper
152	100		
150	168.8	138.6	207.8
115	70.0	63.4	95.2

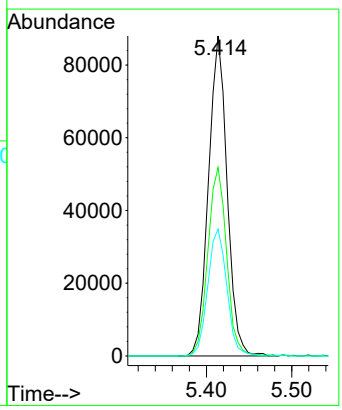


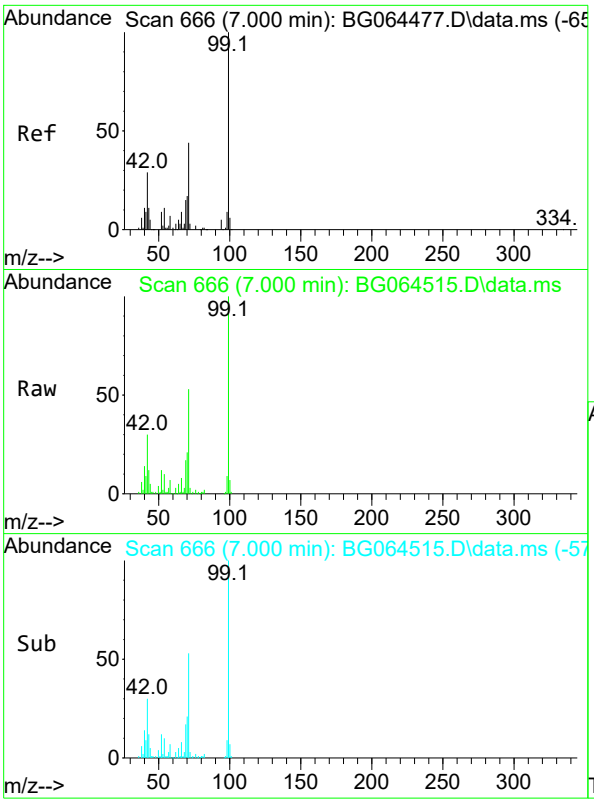


#5
2-Fluorophenol
Concen: 177.15 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:112 Resp: 133190

Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.8	74.8
63	39.7	31.3	46.9



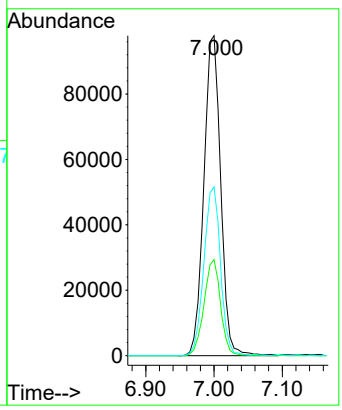


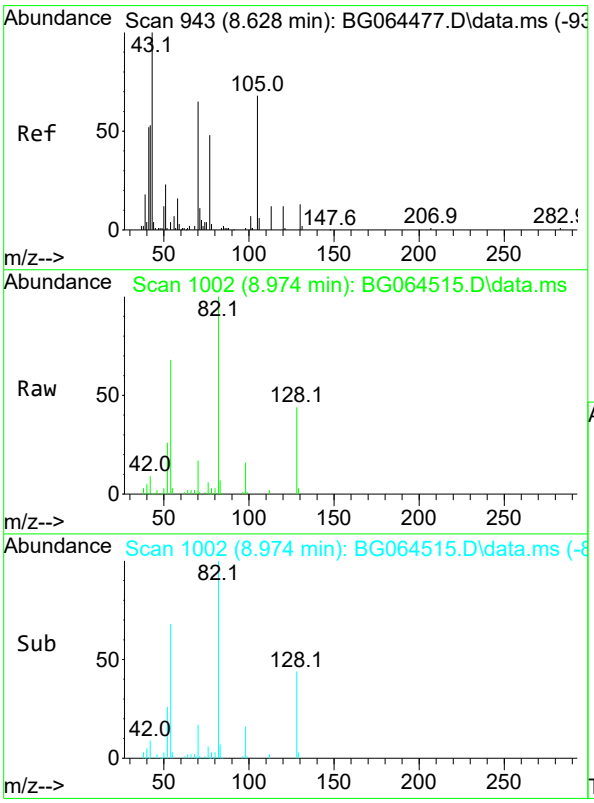
#7
Phenol-d6
Concen: 166.10 ng
RT: 7.000 min Scan# 6
Delta R.T. 0.014 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion: 99 Resp: 167812

Ion	Ratio	Lower	Upper
99	100		
42	30.0	22.9	34.3
71	52.8	35.4	53.2

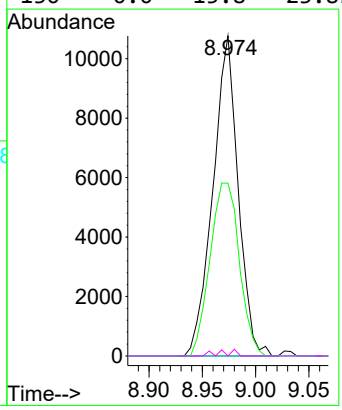


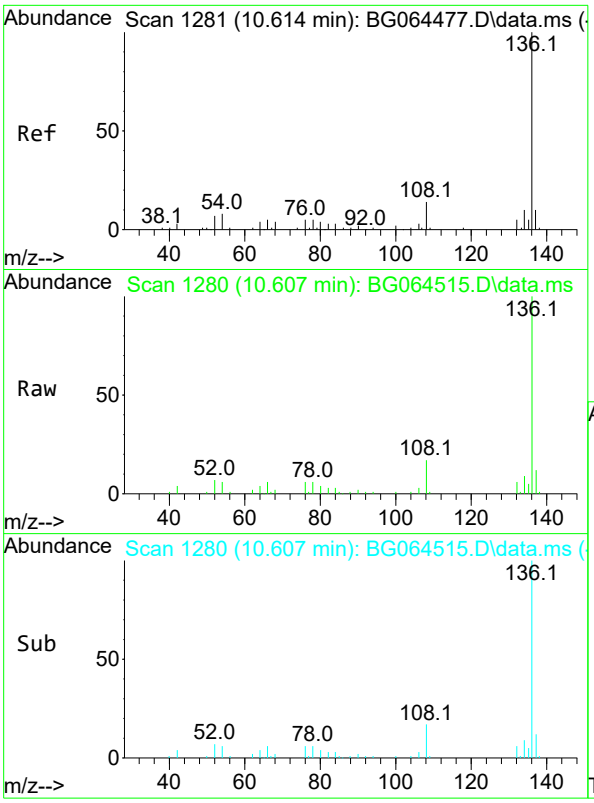


#19
n-Nitroso-di-n-propylamine
Concen: 26.21 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.360 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion: 70 Resp: 17708

Ion	Ratio	Lower	Upper
70	100		
42	54.0	64.9	97.3#
101	0.0	8.7	13.1#
130	0.0	15.8	23.8#



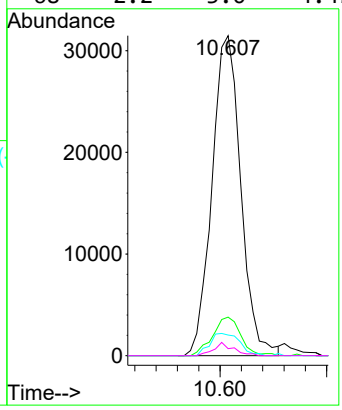


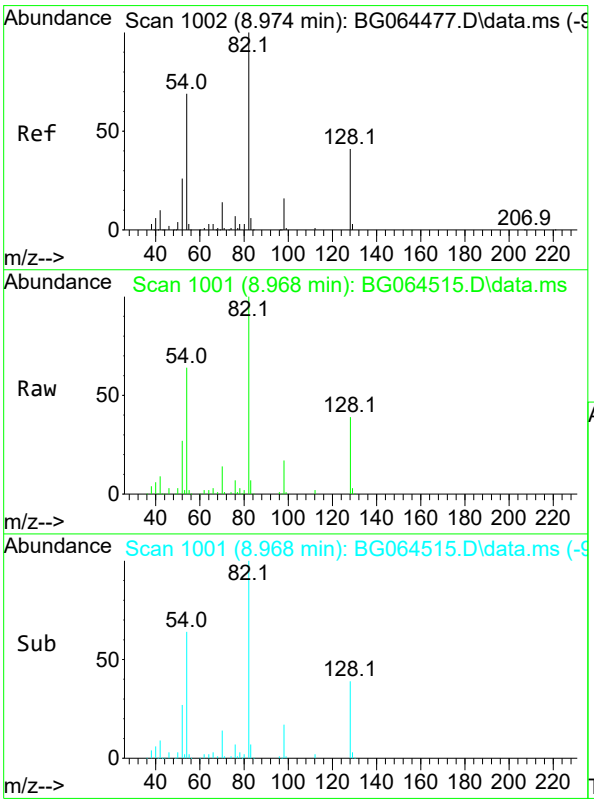
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.607 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:136 Resp: 58993

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.3	12.5
54	6.4	6.2	9.4
68	2.2	3.0	4.4#

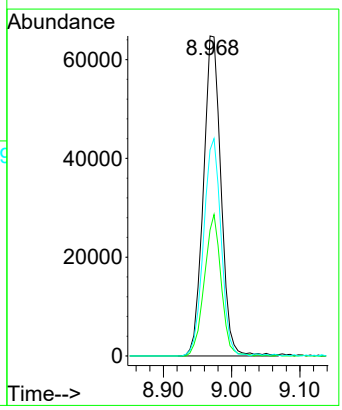


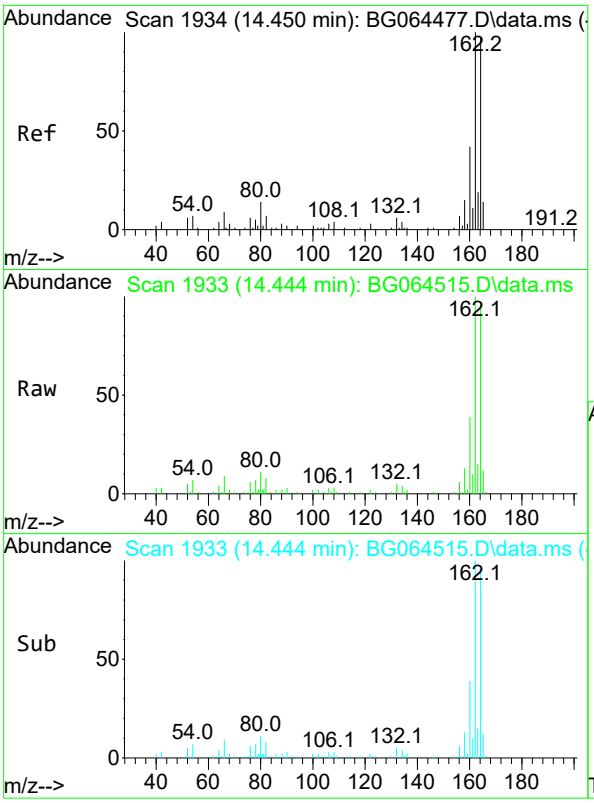


#23
Nitrobenzene-d5
Concen: 105.93 ng
RT: 8.968 min Scan# 1001
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion: 82 Resp: 116222

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.1	49.7
54	64.4	55.4	83.2



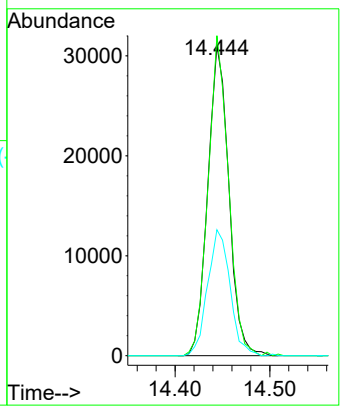


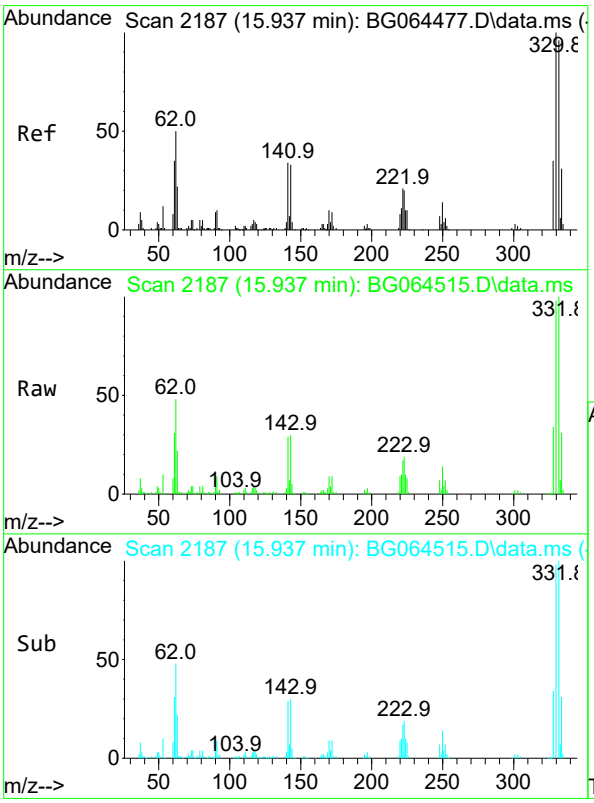
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.444 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:164 Resp: 47770

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.2
160	40.6	34.3	51.5

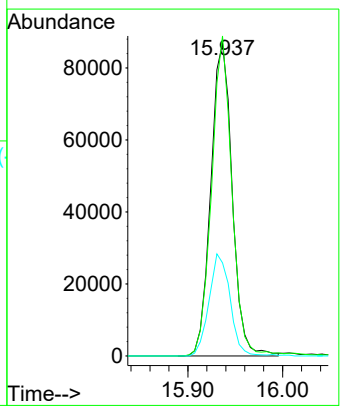


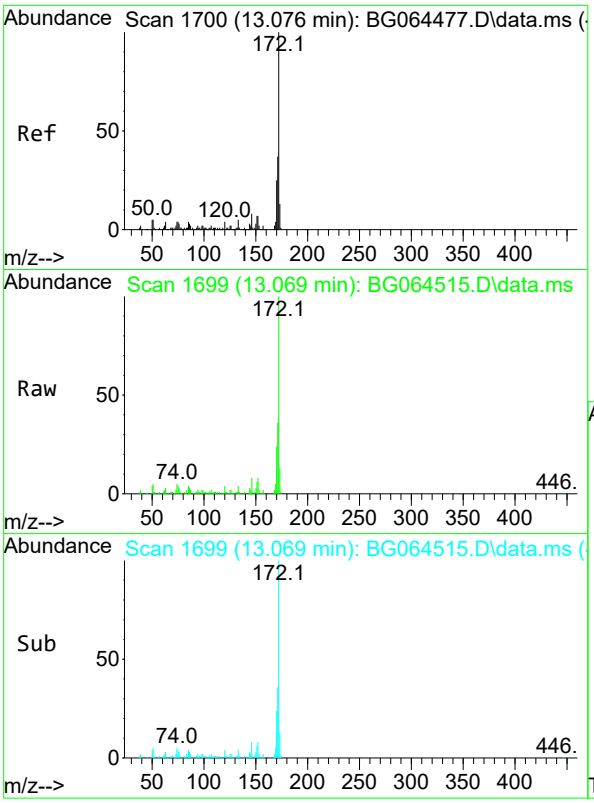


#42
2,4,6-Tribromophenol
Concen: 156.88 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:330 Resp: 135839

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	32.1	25.8	38.6



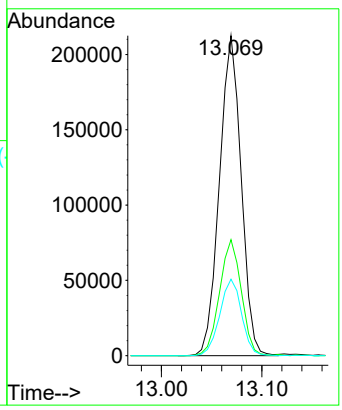


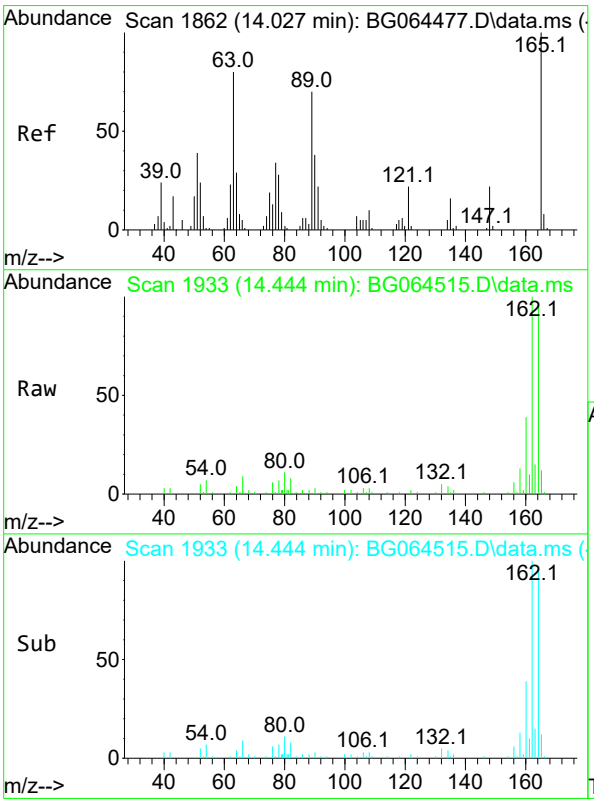
#45
2-Fluorobiphenyl
Concen: 98.56 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:172 Resp: 319416

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	20.2	30.2

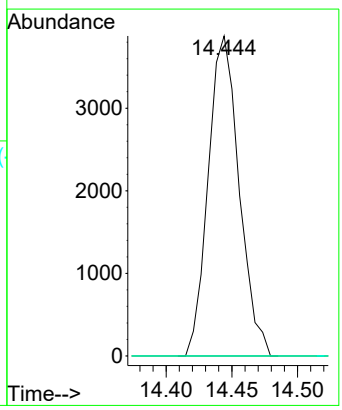


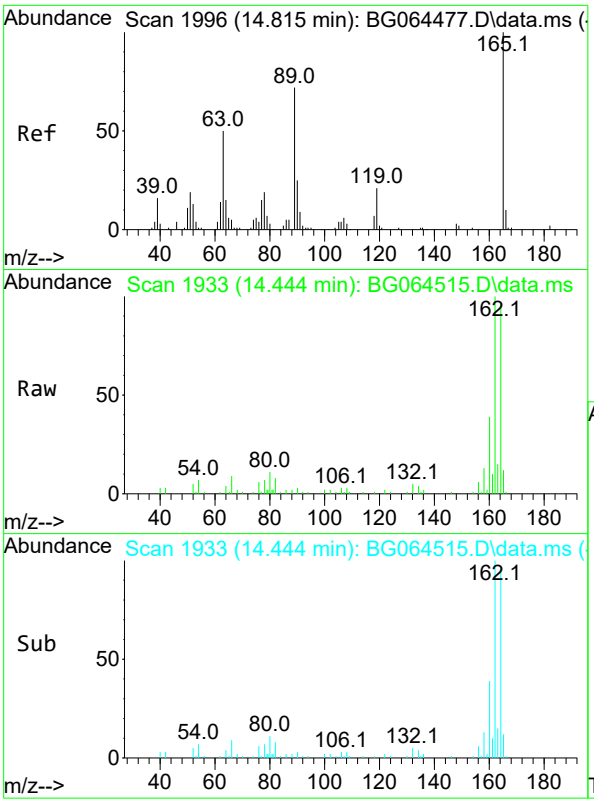


#51
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 14.444 min Scan# 1933
Delta R.T. 0.425 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:165 Resp: 6345

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



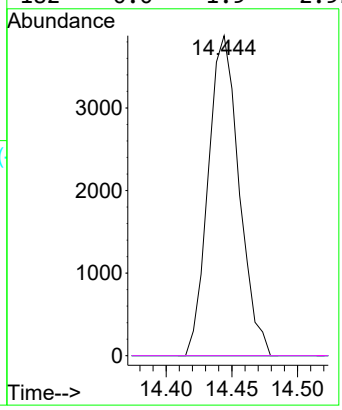


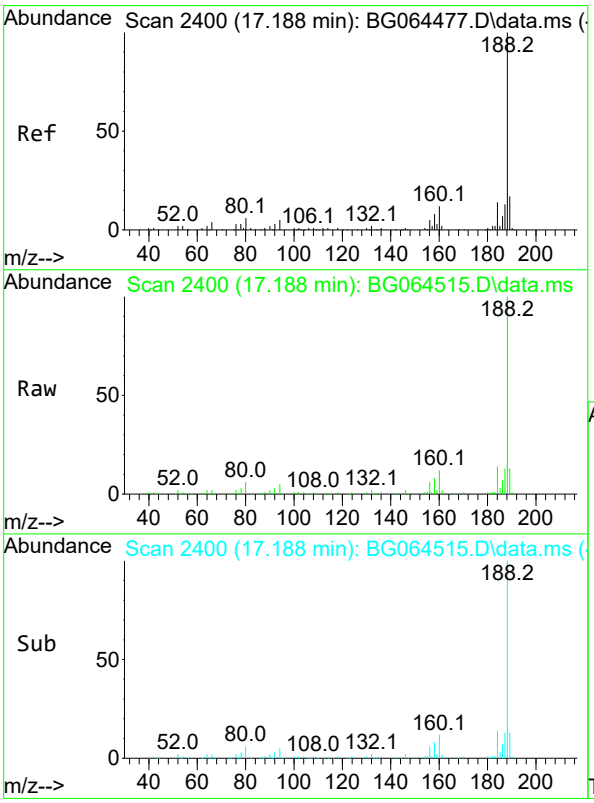
#57
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 14.444 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:165 Resp: 6345

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

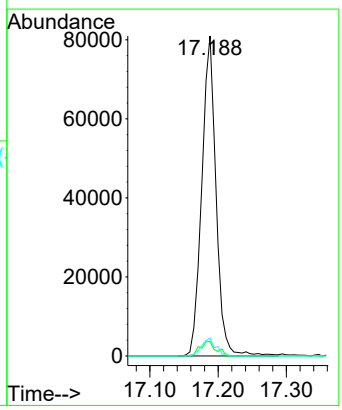


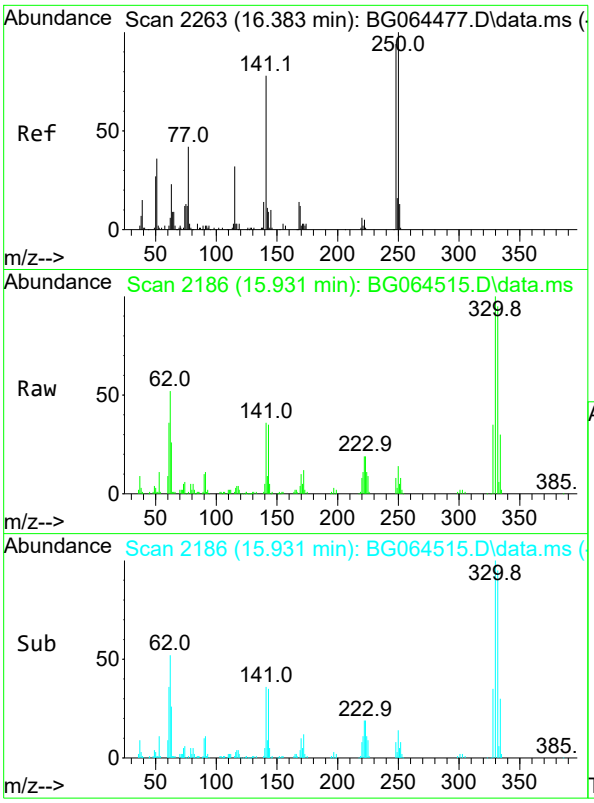


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:188 Resp: 117834

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.7	5.5
80	5.6	4.5	6.7



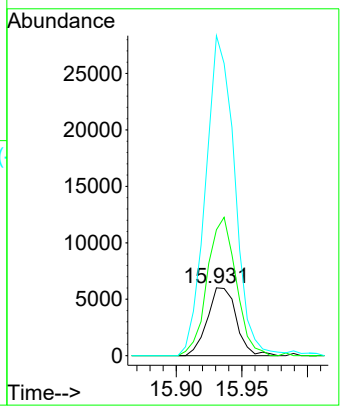


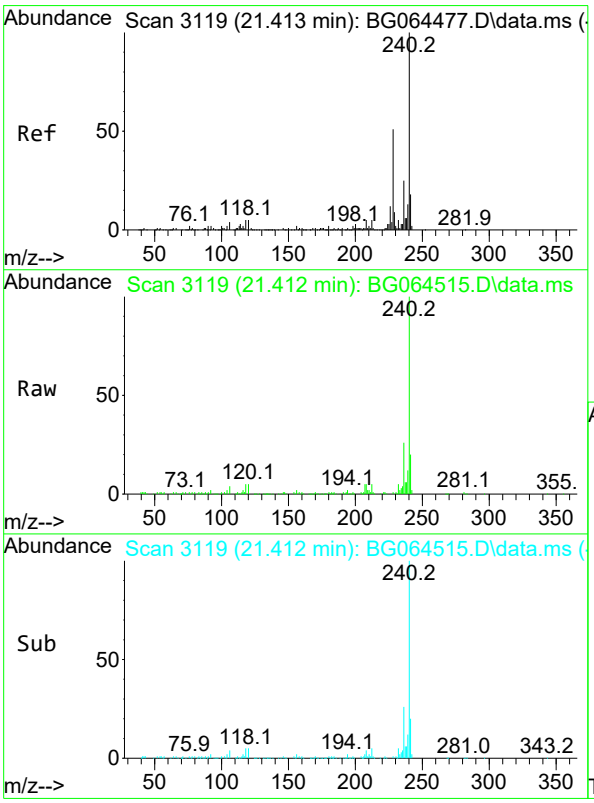
#67
4-Bromophenyl-phenylether
Concen: 6.65 ng
RT: 15.931 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:248 Resp: 9223

Ion	Ratio	Lower	Upper
248	100		
250	185.6	85.3	127.9#
141	471.5	66.2	99.2#

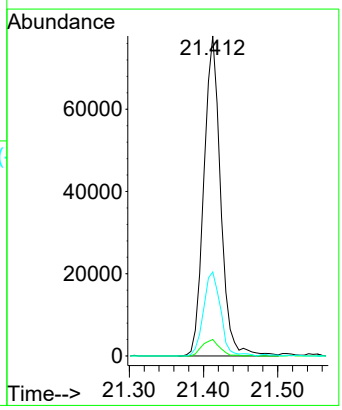


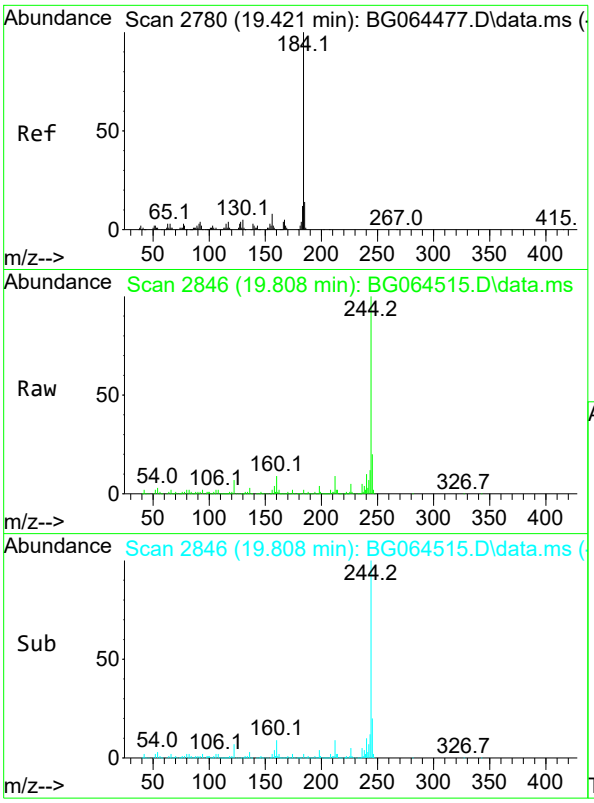


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.412 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:240 Resp: 122157

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.3	6.5
236	26.2	20.4	30.6



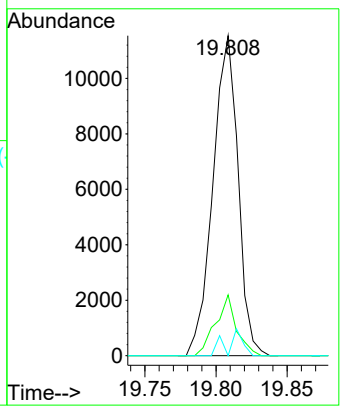


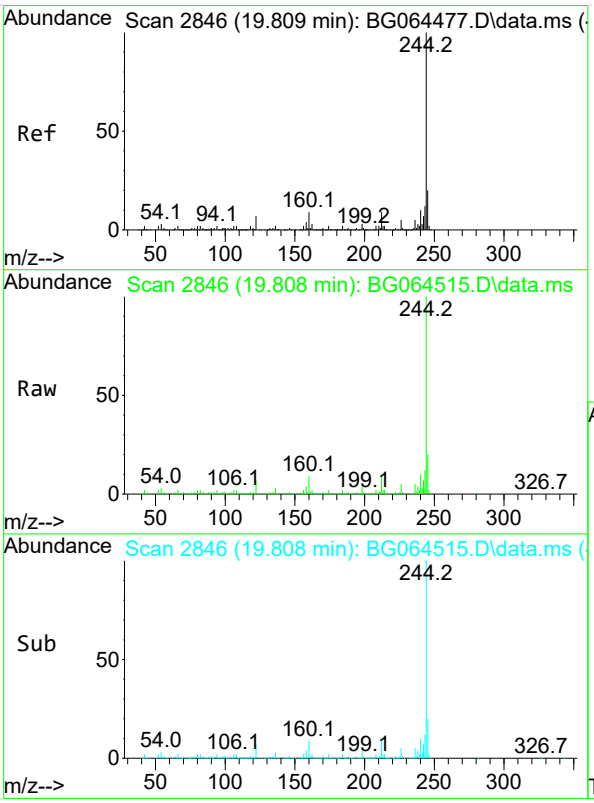
#77
Benzidine
Concen: 4.66 ng
RT: 19.808 min Scan# 2
Delta R.T. 0.383 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:184 Resp: 14160

Ion	Ratio	Lower	Upper
184	100		
185	19.0	10.9	16.3#
183	0.0	9.8	14.6#

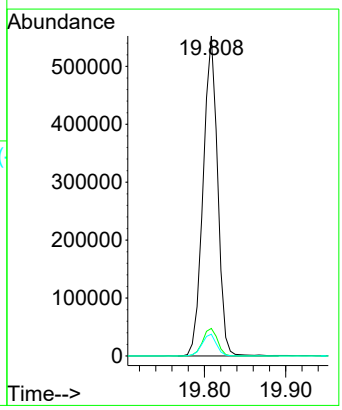


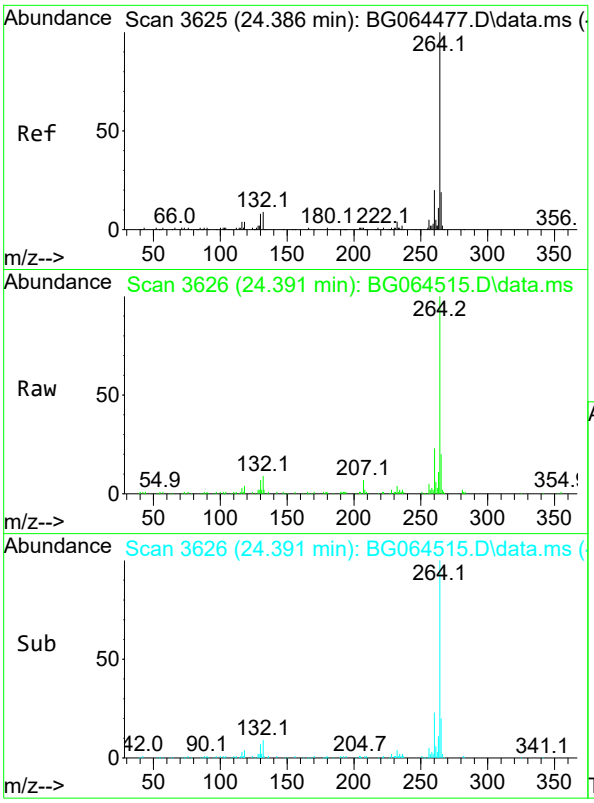


#79
Terphenyl-d14
Concen: 105.86 ng
RT: 19.808 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:244 Resp: 683299

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	6.8	5.6	8.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.391 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Instrument :
BNA_G
ClientSampleId :
PB170122BL

Tgt Ion:264 Resp: 135886

Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.2	24.4
265	20.5	15.0	22.4