Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064905.D
Acq On : 9 Dec 2025 14:59
Operator : RC/JU
Sample : Q3800-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP#2

Quant Time: Dec 09 15:34:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	19852	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	94047	20.000	ng	#-0.02
39) Acenaphthene-d10	14.762	164	87351	20.000	ng	-0.02
64) Phenanthrene-d10	17.494	188	211129	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	259762	20.000	ng	-0.02
86) Perylene-d12	24.991	264	291037	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	14069	12.375	ng	-0.02
7) Phenol-d6	7.294	99	27784	18.375	ng	-0.02
23) Nitrobenzene-d5	9.309	82	47044	24.732	ng	-0.02
42) 2,4,6-Tribromophenol	16.236	330	63885	37.500	ng	-0.02
45) 2-Fluorobiphenyl	13.393	172	241298	38.545	ng	-0.02
79) Terphenyl-d14	20.079	244	680425	51.526	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.404	42	11930	17.874	ng	# 5
19) n-Nitroso-di-n-propyla...	9.315	70	6415	6.275	ng	# 64
51) 2,6-Dinitrotoluene	14.762	165	11663	8.784	ng	# 21
57) 2,4-Dinitrotoluene	14.762	165	11663	5.859	ng	# 24
70) Pentachlorophenol	17.112	266	65	6.173	ng	# 16

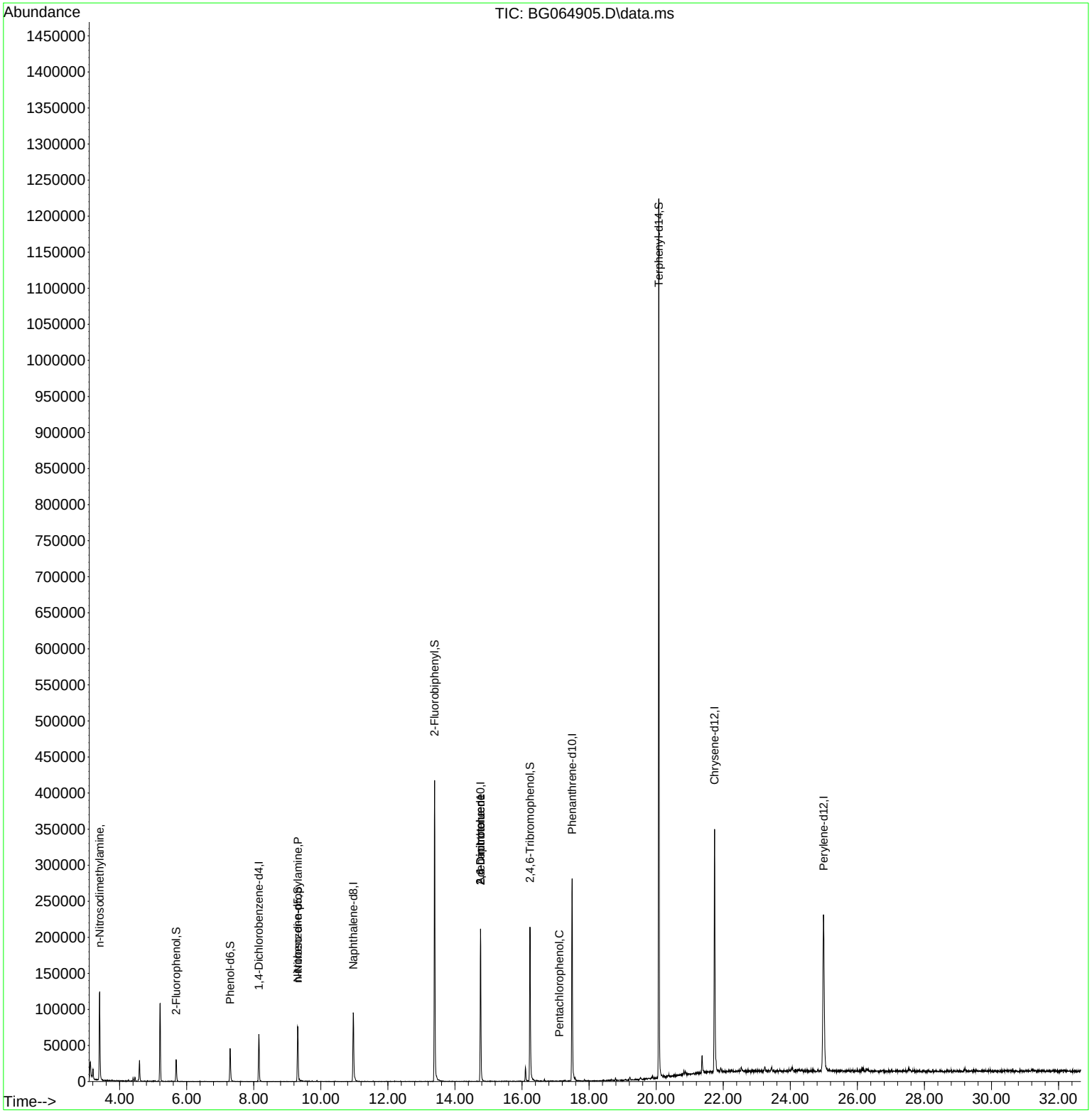
(#) = qualifier out of range (m) = manual integration (+) = signals summed

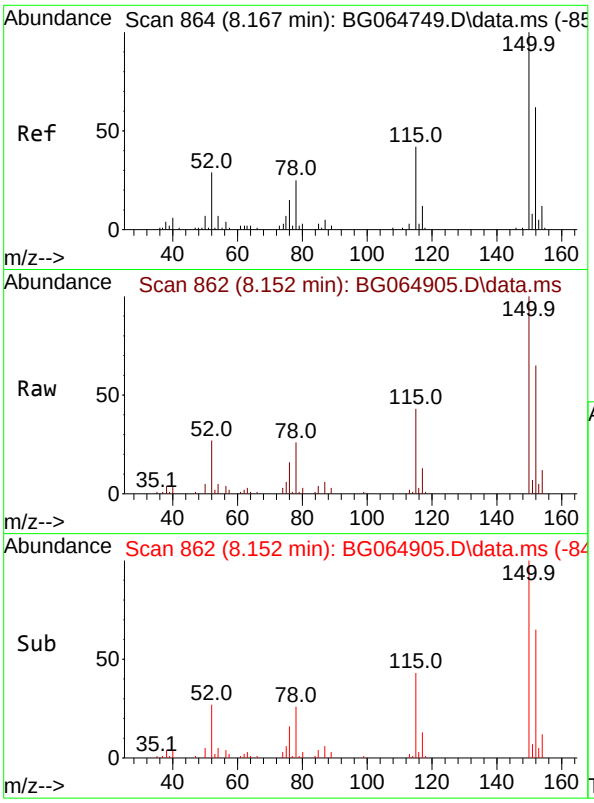
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064905.D
Acq On : 9 Dec 2025 14:59
Operator : RC/JU
Sample : Q3800-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP#2

Quant Time: Dec 09 15:34:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



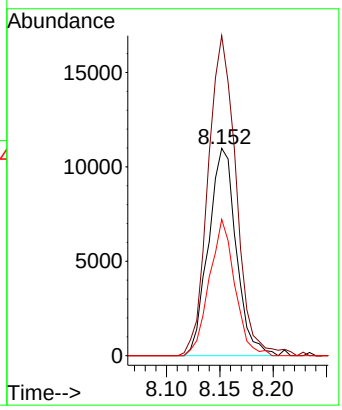


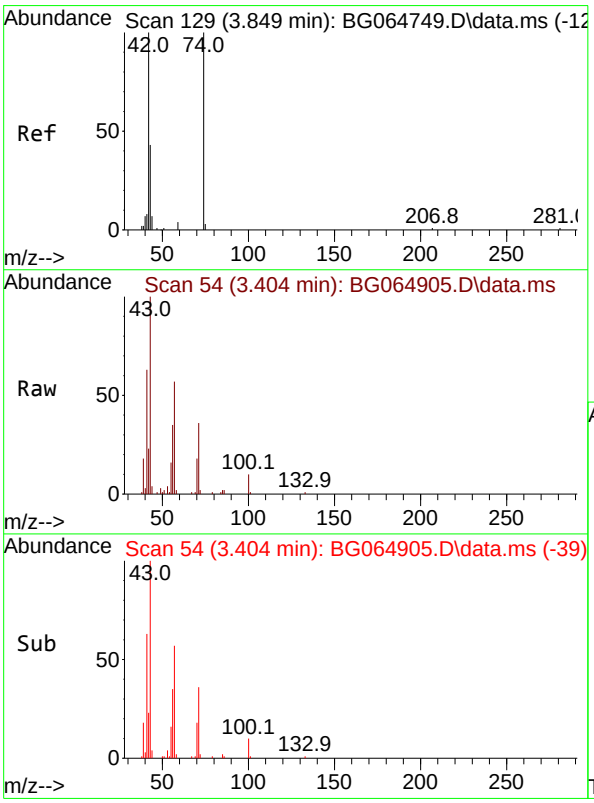
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:152 Resp: 19852

Ion	Ratio	Lower	Upper
152	100		
150	154.3	129.2	193.8
115	65.8	53.7	80.5

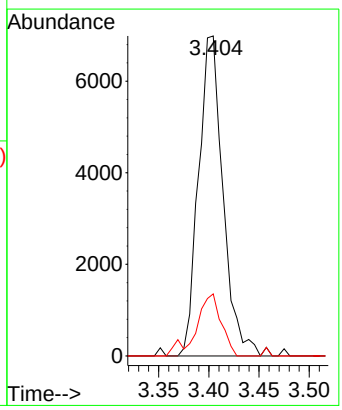


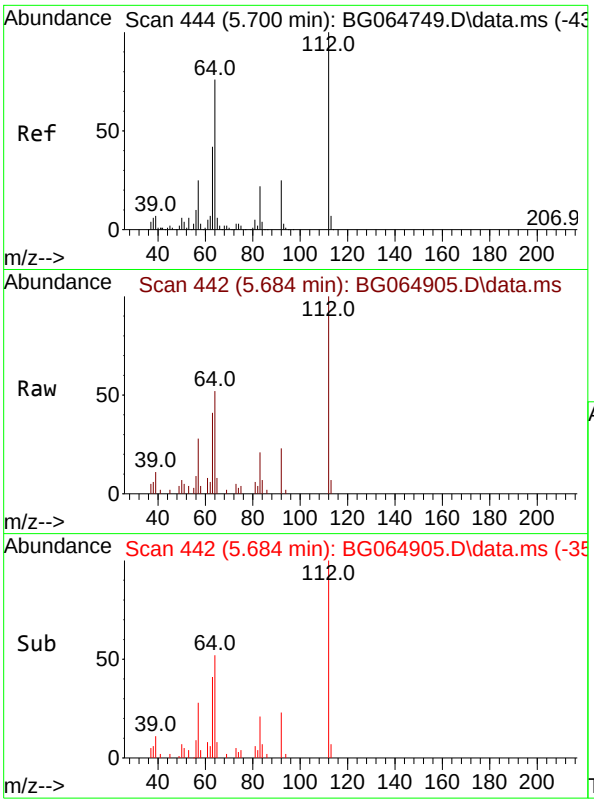


#4
n-Nitrosodimethylamine
Concen: 17.874 ng
RT: 3.404 min Scan# 54
Delta R.T. -0.444 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion: 42 Resp: 11930

Ion	Ratio	Lower	Upper
42	100		
74	0.0	79.8	119.6#
44	19.4	5.9	8.9#



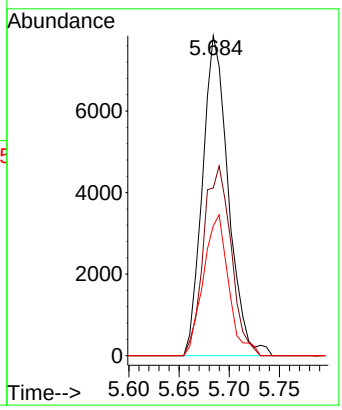


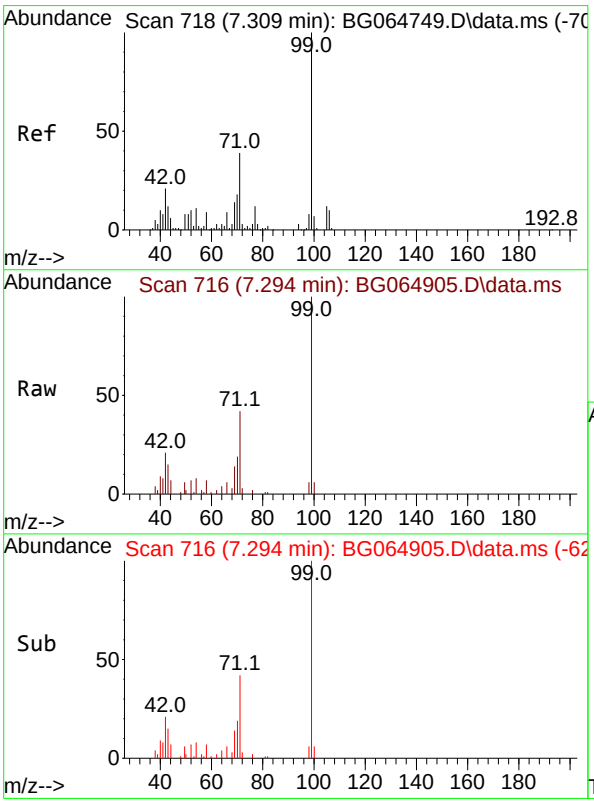
#5
2-Fluorophenol
Concen: 12.375 ng
RT: 5.684 min Scan# 44
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:112 Resp: 14069

Ion	Ratio	Lower	Upper
112	100		
64	52.4	61.0	91.4#
63	40.6	33.3	49.9

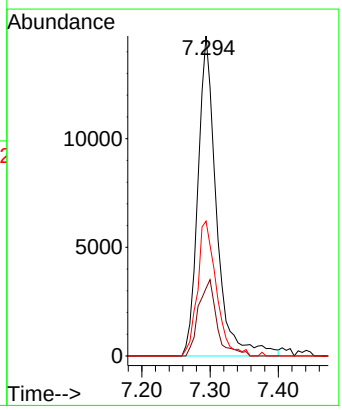


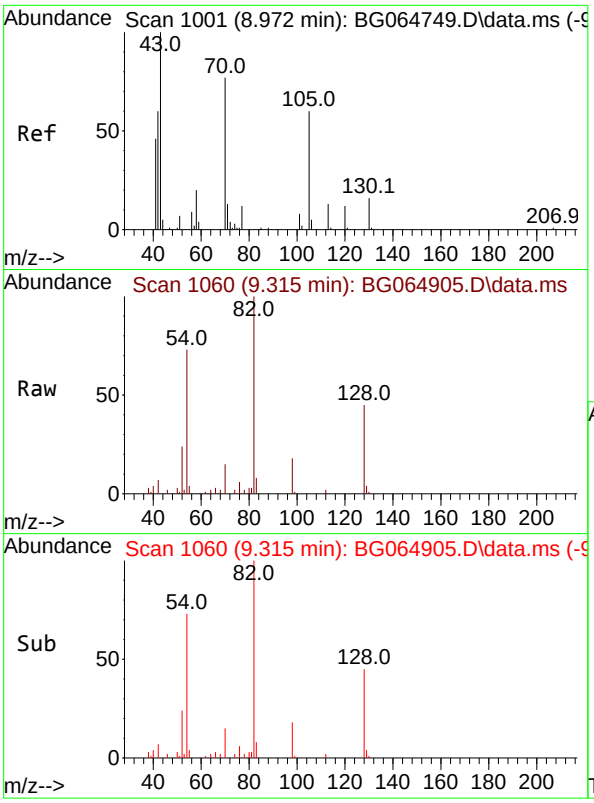


#7
Phenol-d6
Concen: 18.375 ng
RT: 7.294 min Scan# 716
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion: 99 Resp: 27784

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	42.1	31.1	46.7



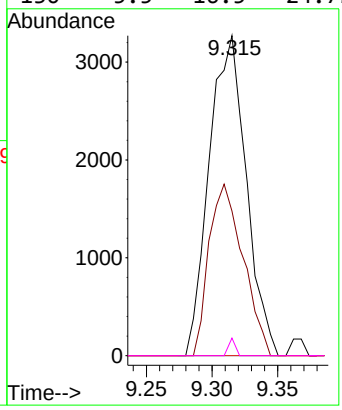


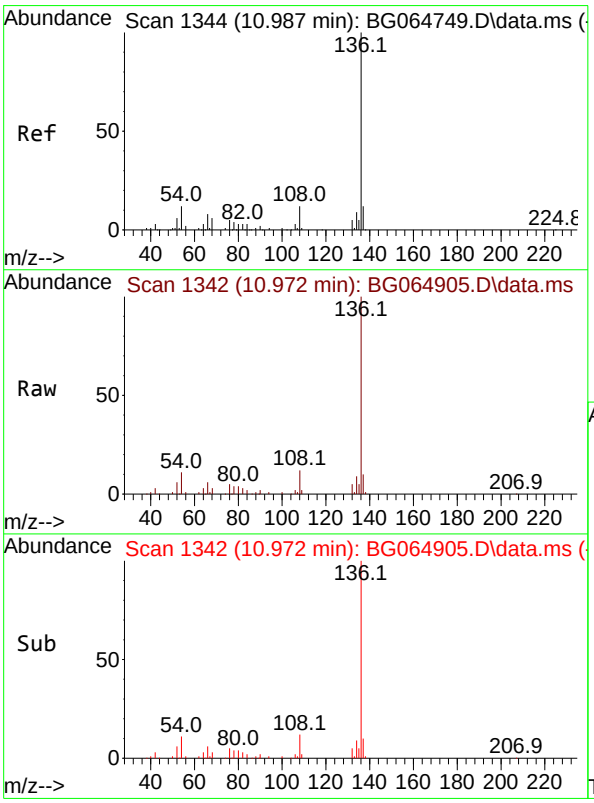
#19
n-Nitroso-di-n-propylamine
Concen: 6.275 ng
RT: 9.315 min Scan# 1
Delta R.T. 0.343 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion: 70 Resp: 6415

Ion	Ratio	Lower	Upper
70	100		
42	45.2	62.6	93.8#
101	0.0	8.0	12.0#
130	5.5	16.5	24.7#

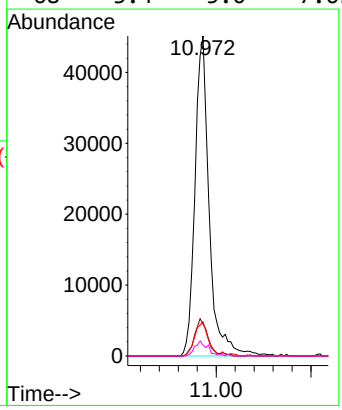


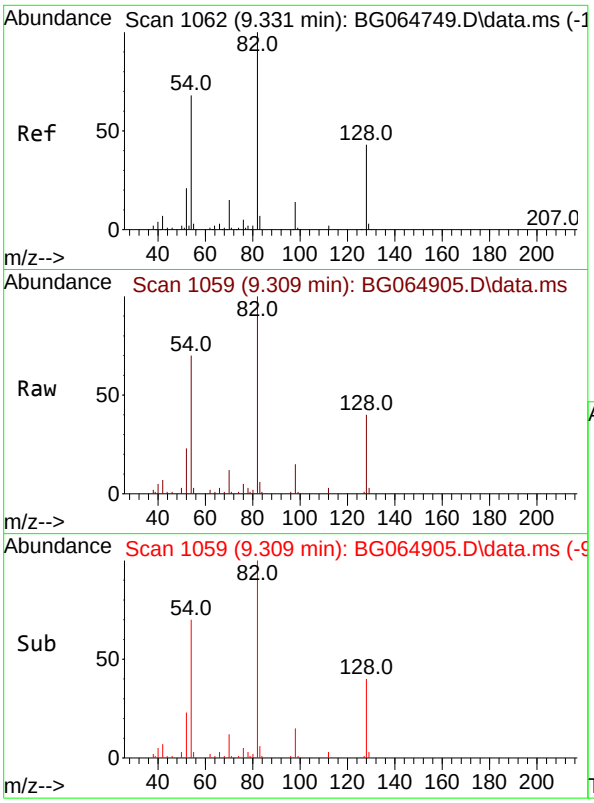


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:136 Resp: 94047

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.3	13.9
54	10.7	9.3	13.9
68	3.4	5.0	7.6#



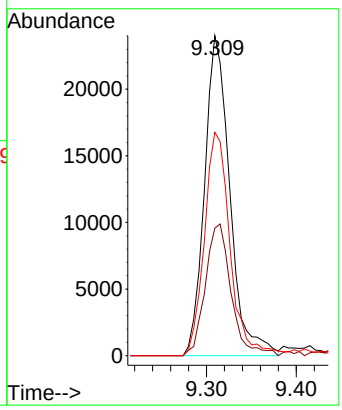


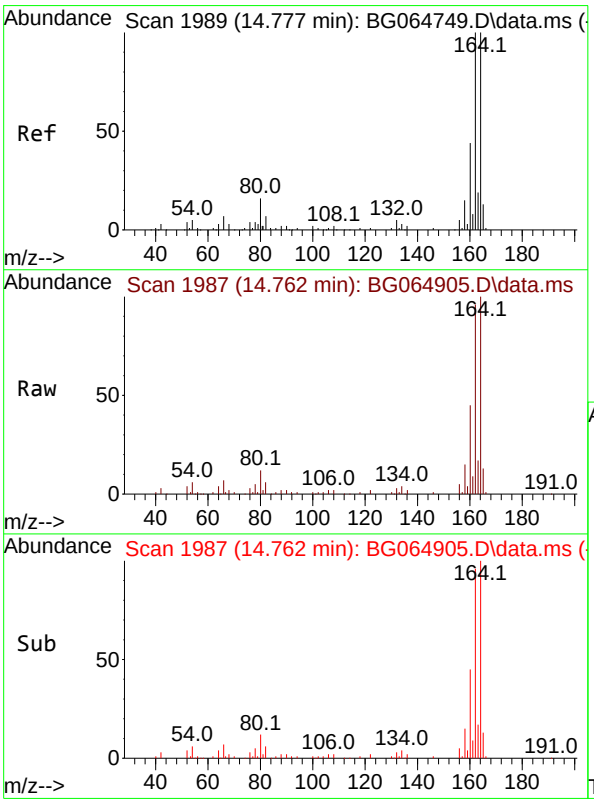
#23
Nitrobenzene-d5
Concen: 24.732 ng
RT: 9.309 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion: 82 Resp: 47044

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.1	51.1
54	69.8	54.3	81.5

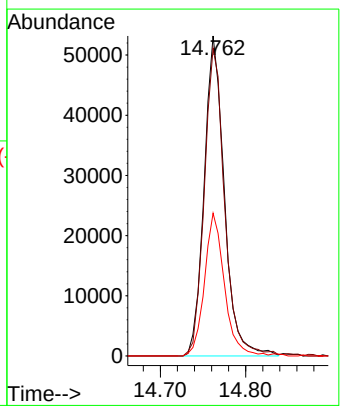


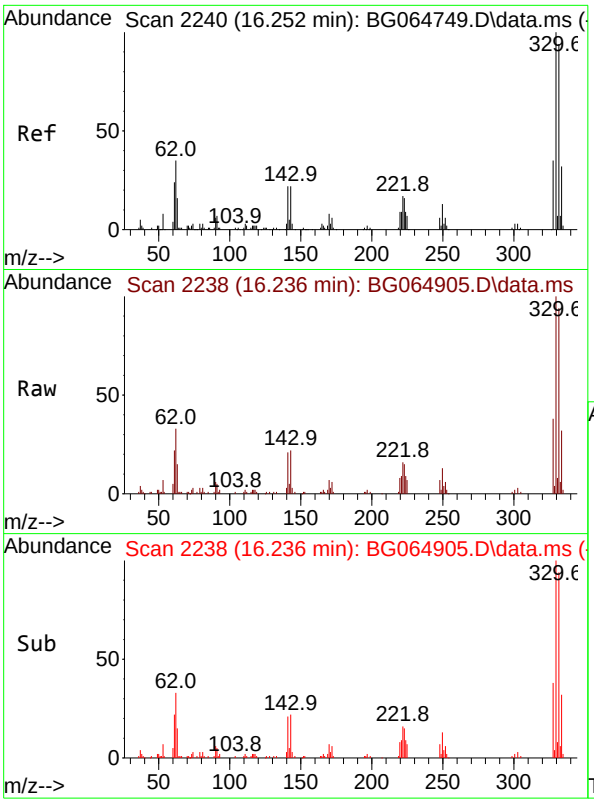


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:164 Resp: 87351

Ion	Ratio	Lower	Upper
164	100		
162	96.2	79.8	119.6
160	44.6	34.9	52.3



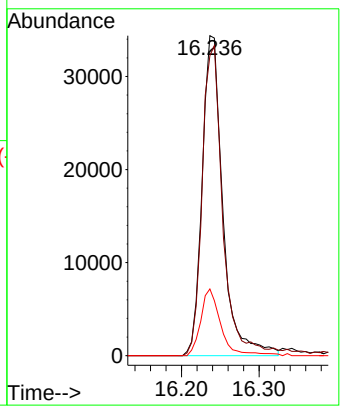


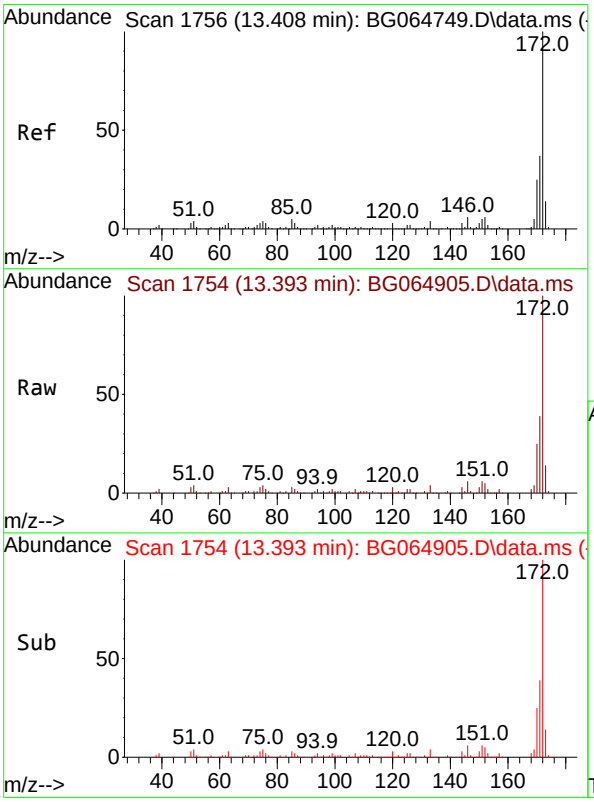
#42
2,4,6-Tribromophenol
Concen: 37.500 ng
RT: 16.236 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:330 Resp: 63885

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	20.2	18.2	27.2

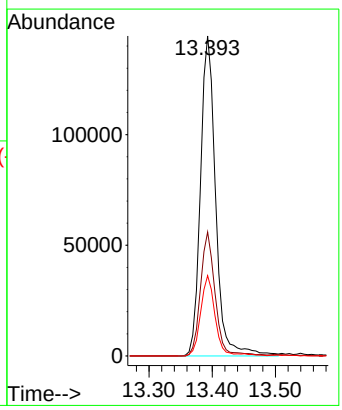


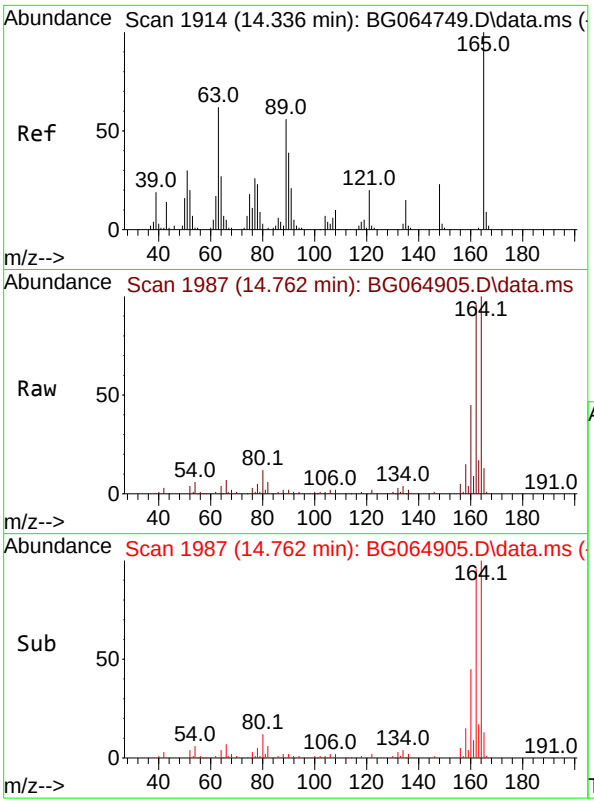


#45
2-Fluorobiphenyl
Concen: 38.545 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:172 Resp: 241298

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.9	44.9
170	25.1	19.8	29.6



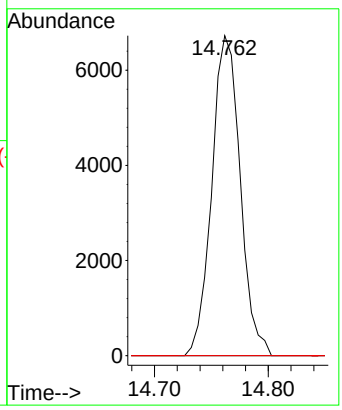


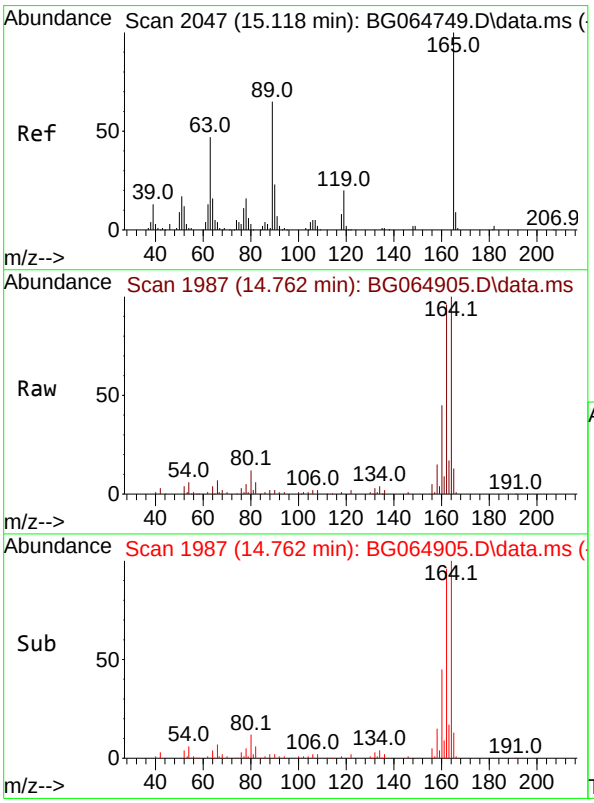
#51
2,6-Dinitrotoluene
Concen: 8.784 ng
RT: 14.762 min Scan# 1
Delta R.T. 0.425 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:165 Resp: 11663

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.8	74.8#
89	0.0	45.0	67.4#

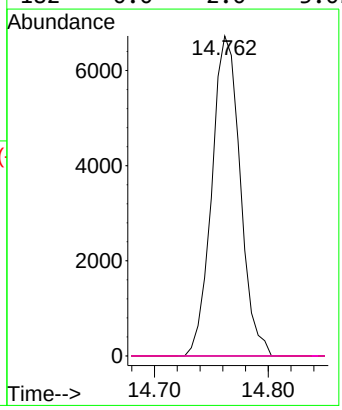


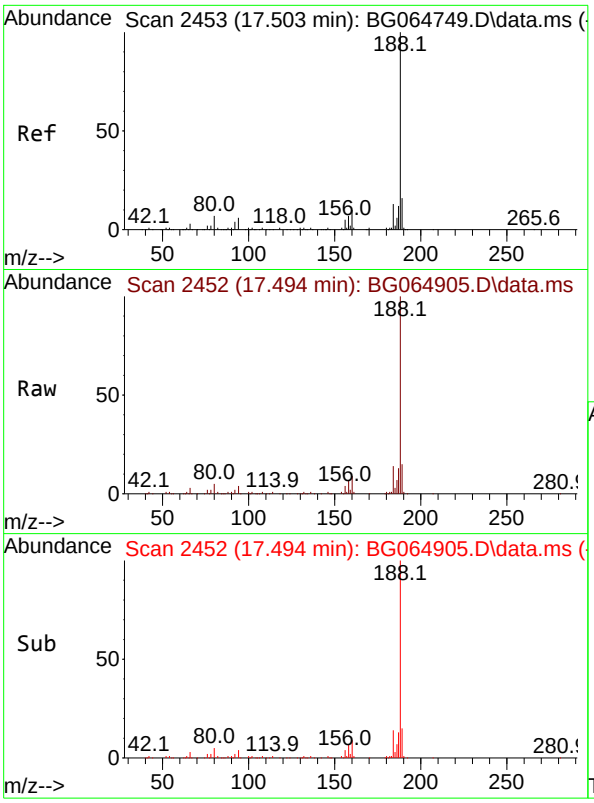


#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.356 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:165 Resp: 11663

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#



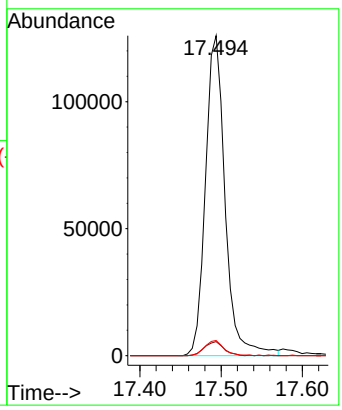


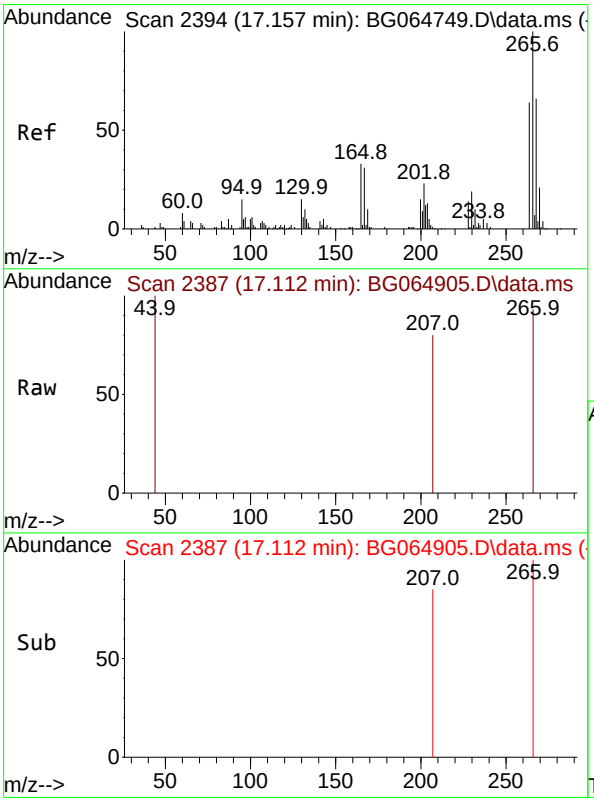
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:188 Resp: 211129

Ion	Ratio	Lower	Upper
188	100		
94	4.4	4.7	7.1#
80	4.7	5.4	8.2#

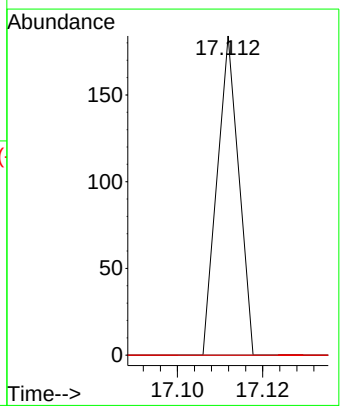


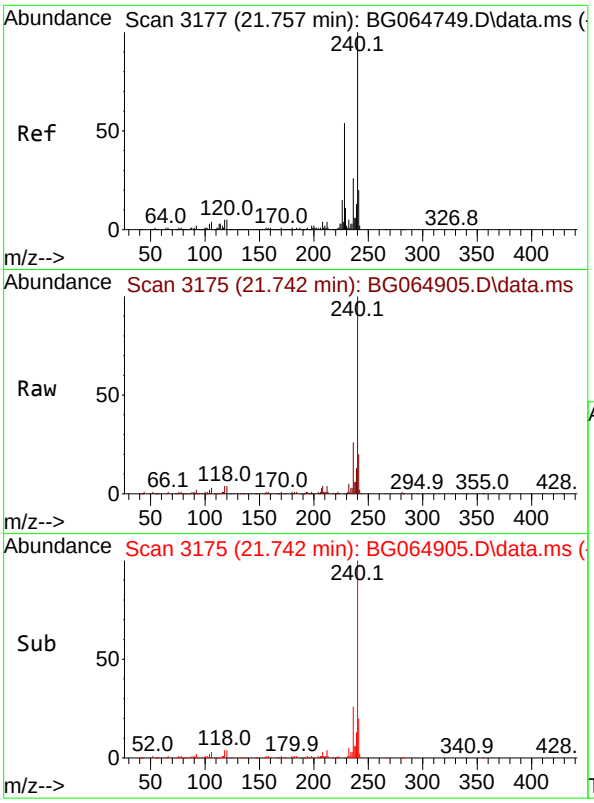


#70
Pentachlorophenol
Concen: 6.173 ng
RT: 17.112 min Scan# 2387
Delta R.T. -0.045 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
268	0.0	56.1	84.1#
264	0.0	51.2	76.8#



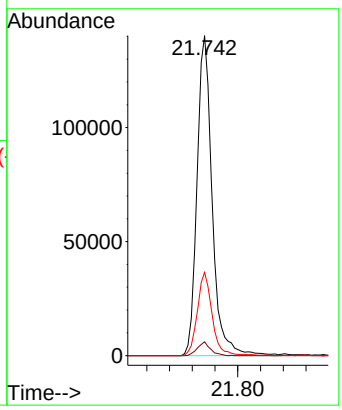


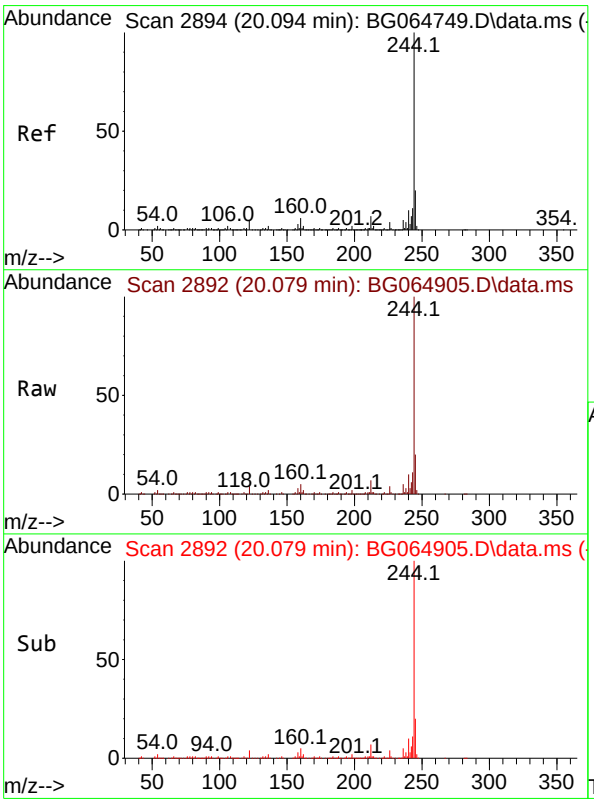
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:240 Resp: 259762

Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.2	6.4
236	26.1	20.8	31.2

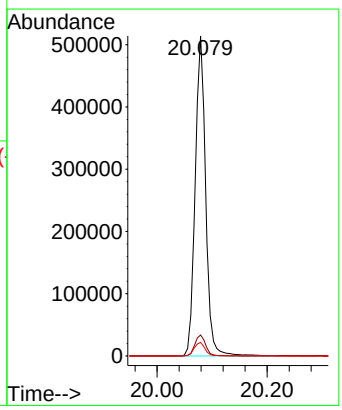


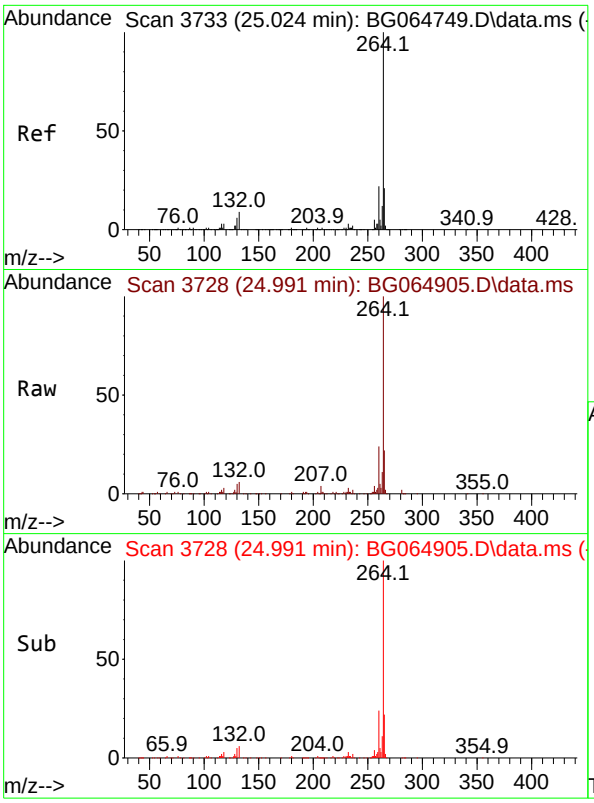


#79
Terphenyl-d14
Concen: 51.526 ng
RT: 20.079 min Scan# 2892
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:244 Resp: 680425

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	4.3	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 3
Delta R.T. -0.033 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:264 Resp: 291037

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.2	25.8
265	21.6	16.6	25.0