Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064927.D
Acq On : 10 Dec 2025 19:13
Operator : RC/JU
Sample : Q3826-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11

Quant Time: Dec 10 23:36:43 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	8.156	152	18955	20.000	ng	#-0.01
21) Naphthalene-d8	10.971	136	70420	20.000	ng	#-0.02
39) Acenaphthene-d10	14.760	164	62601	20.000	ng	-0.02
64) Phenanthrene-d10	17.493	188	165030	20.000	ng	#-0.01
76) Chrysene-d12	21.746	240	214683	20.000	ng	#-0.01
86) Perylene-d12	25.001	264	241924	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	78002	71.859	ng	-0.01
7) Phenol-d6	7.299	99	97779	67.726	ng	-0.01
23) Nitrobenzene-d5	9.314	82	65616	46.070	ng	-0.02
42) 2,4,6-Tribromophenol	16.241	330	118066	96.703	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	203640	45.390	ng	-0.01
79) Terphenyl-d14	20.084	244	541812	49.645	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.314	70	9672	9.908	ng	# 66
51) 2,6-Dinitrotoluene	14.766	165	7406	7.783	ng	# 21
57) 2,4-Dinitrotoluene	14.766	165	7406	5.191	ng	# 24
63) Azobenzene	16.106	77	12765	3.240	ng	# 1
67) 4-Bromophenyl-phenylether	16.241	248	6770	3.124	ng	# 1

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

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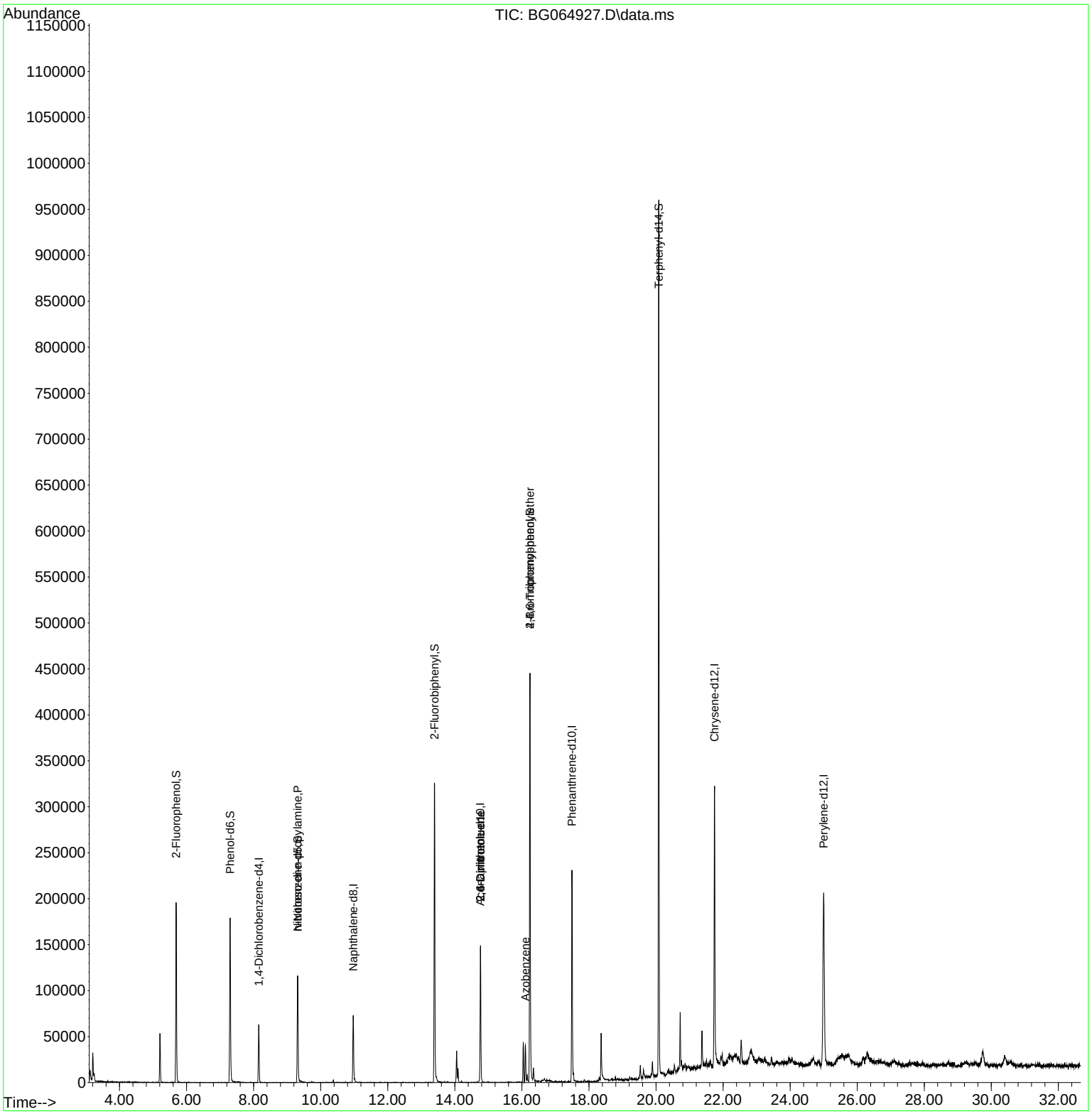
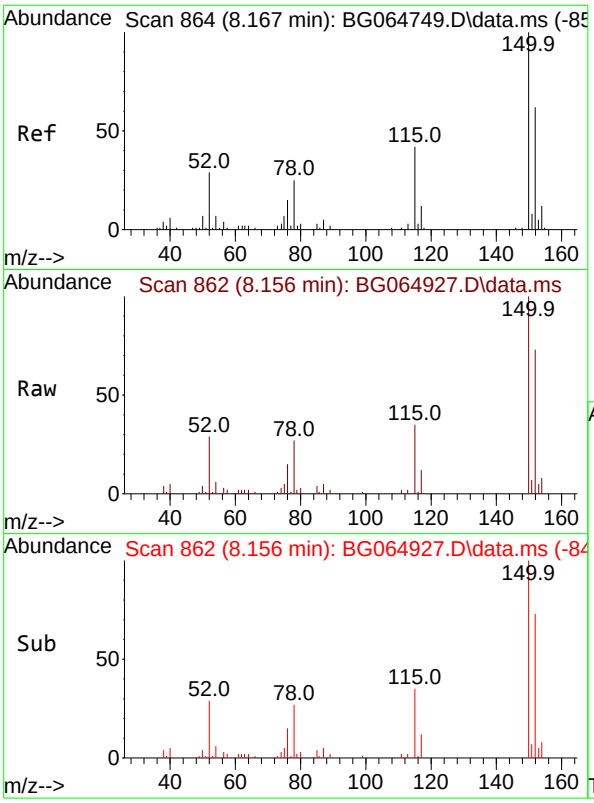


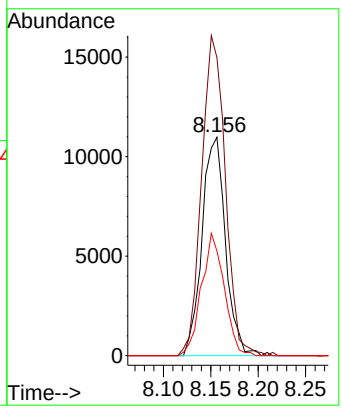


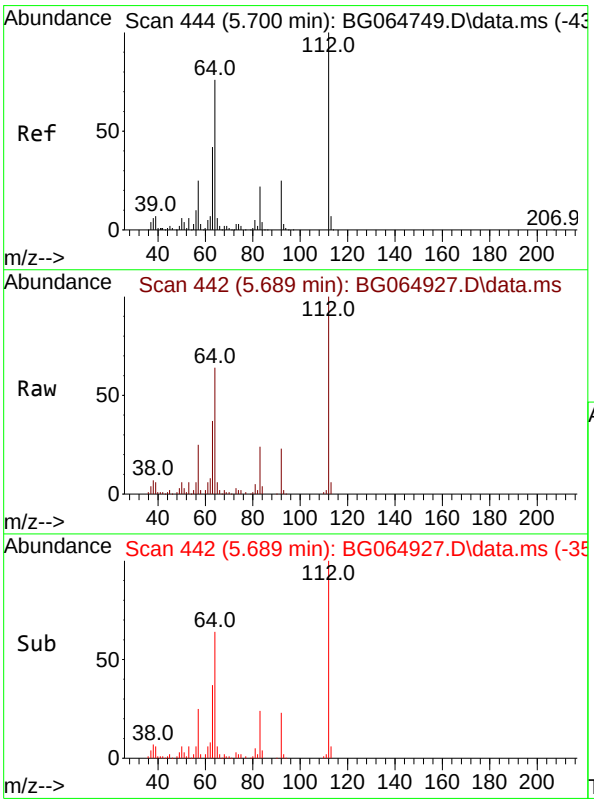
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.156 min Scan# 8
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 18955

Ion	Ratio	Lower	Upper
152	100		
150	136.4	129.2	193.8
115	47.9	53.7	80.5#

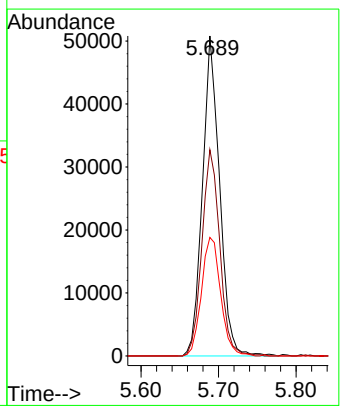


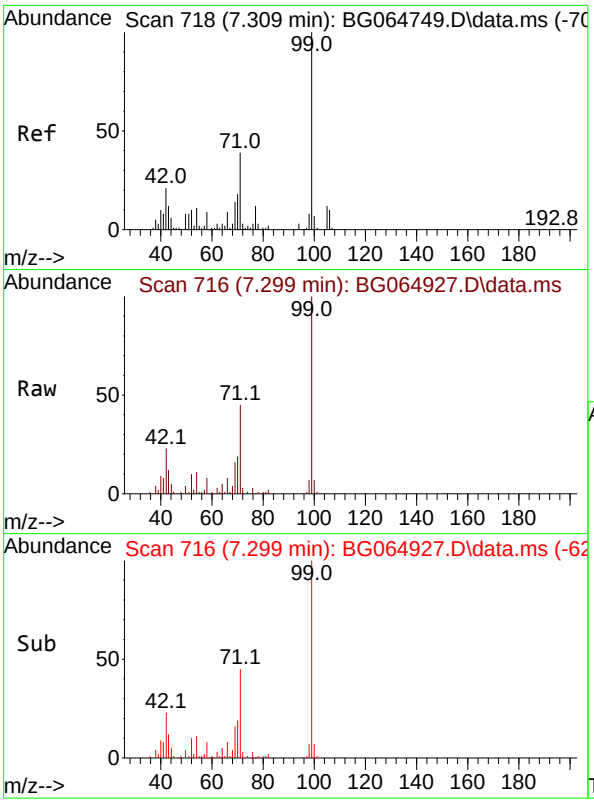


#5
2-Fluorophenol
Concen: 71.859 ng
RT: 5.689 min Scan# 442
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion:112 Resp: 78002

Ion	Ratio	Lower	Upper
112	100		
64	64.4	61.0	91.4
63	37.0	33.3	49.9



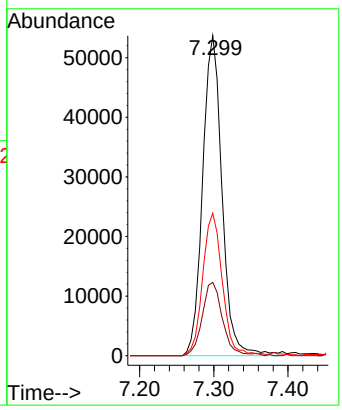


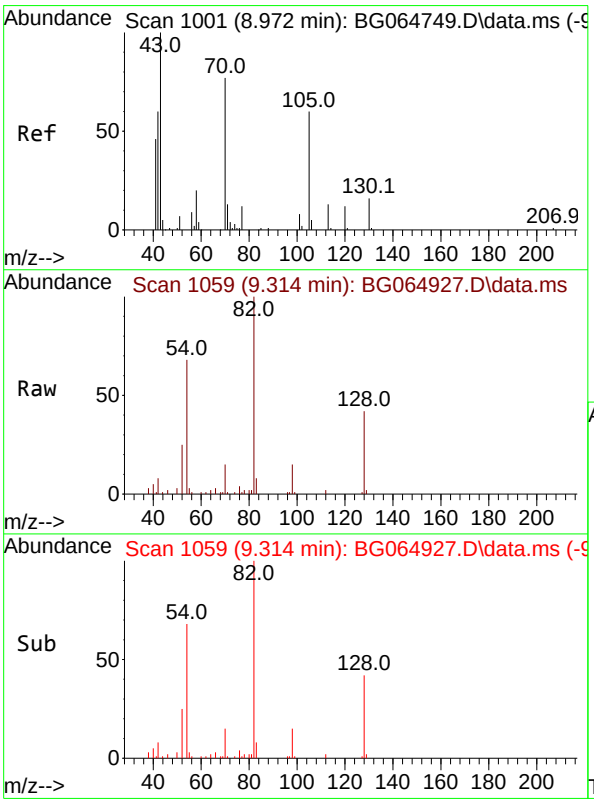
#7
Phenol-d6
Concen: 67.726 ng
RT: 7.299 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 97779

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.8	25.2
71	44.6	31.1	46.7

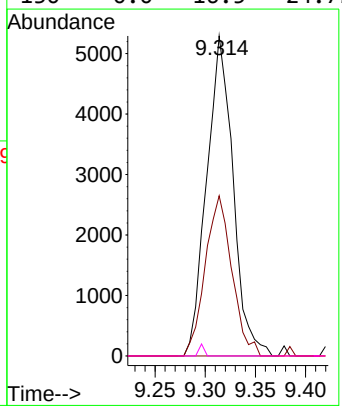


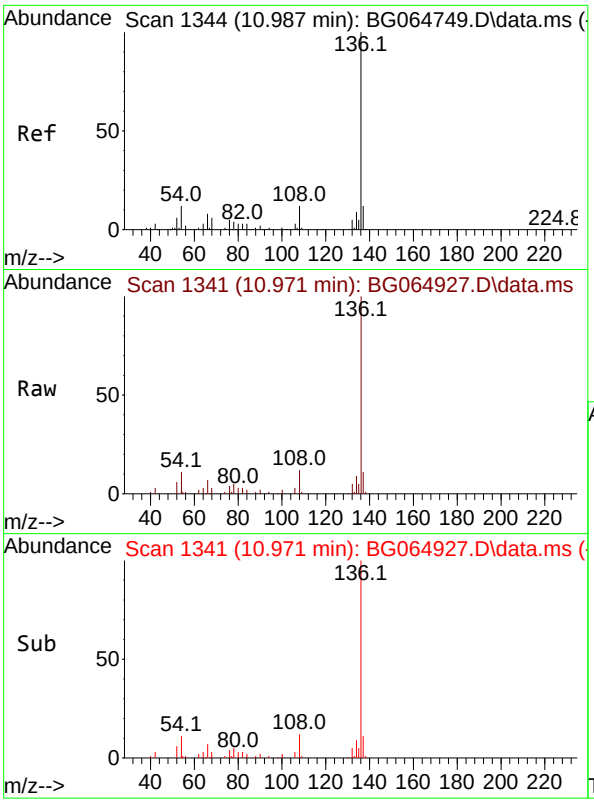


#19
n-Nitroso-di-n-propylamine
Concen: 9.908 ng
RT: 9.314 min Scan# 1059
Delta R.T. 0.342 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion: 70 Resp: 9672

Ion	Ratio	Lower	Upper
70	100		
42	50.1	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#



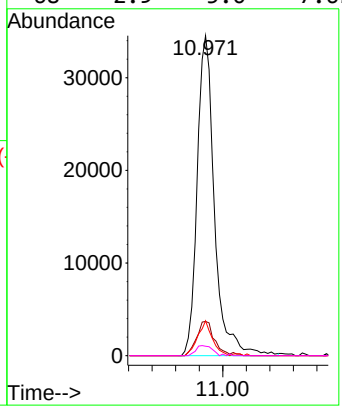


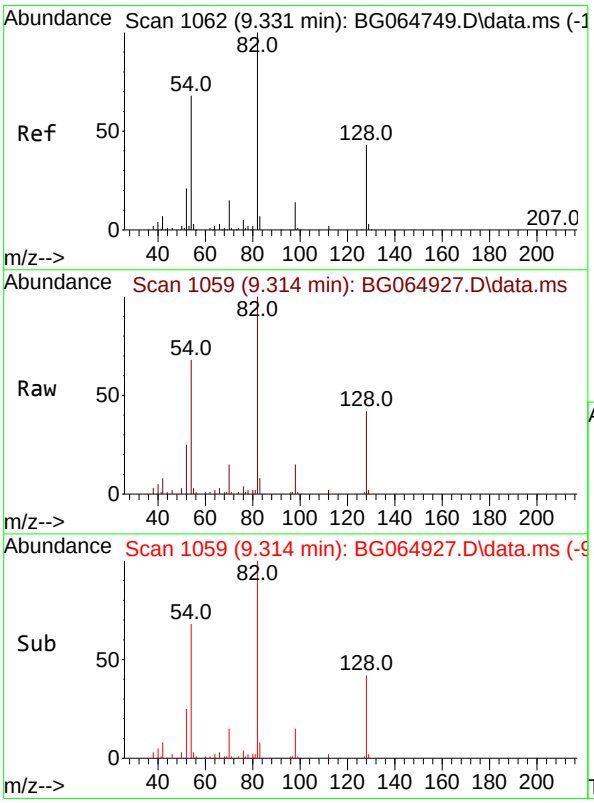
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.971 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:136 Resp: 70420

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	11.8	9.3	13.9
68	2.9	5.0	7.6#

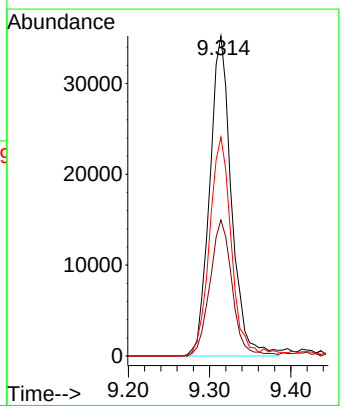


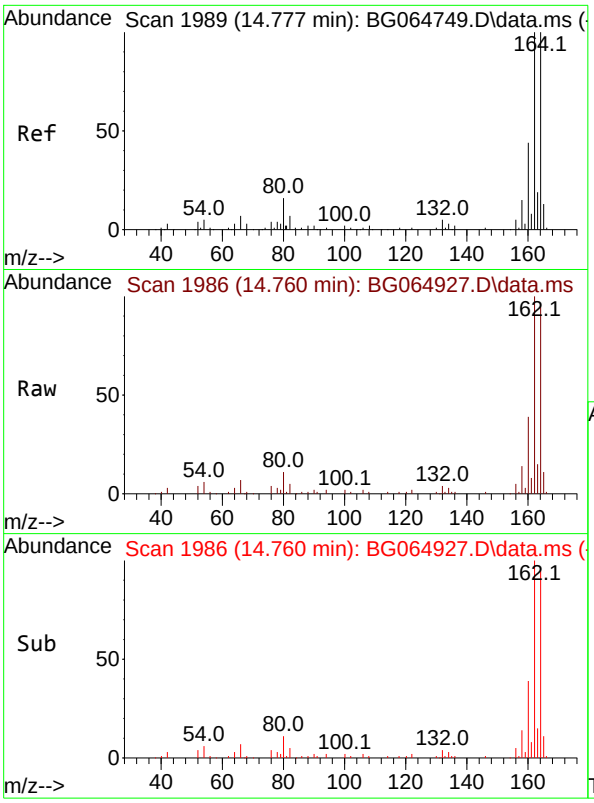


#23
Nitrobenzene-d5
Concen: 46.070 ng
RT: 9.314 min Scan# 1059
Delta R.T. -0.017 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion: 82 Resp: 65616

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.1	51.1
54	68.3	54.3	81.5



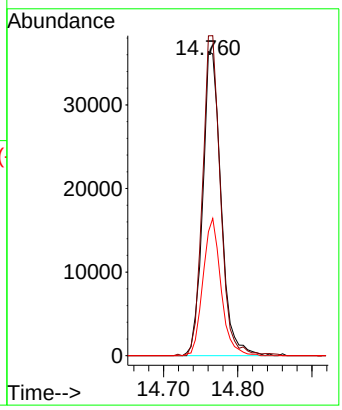


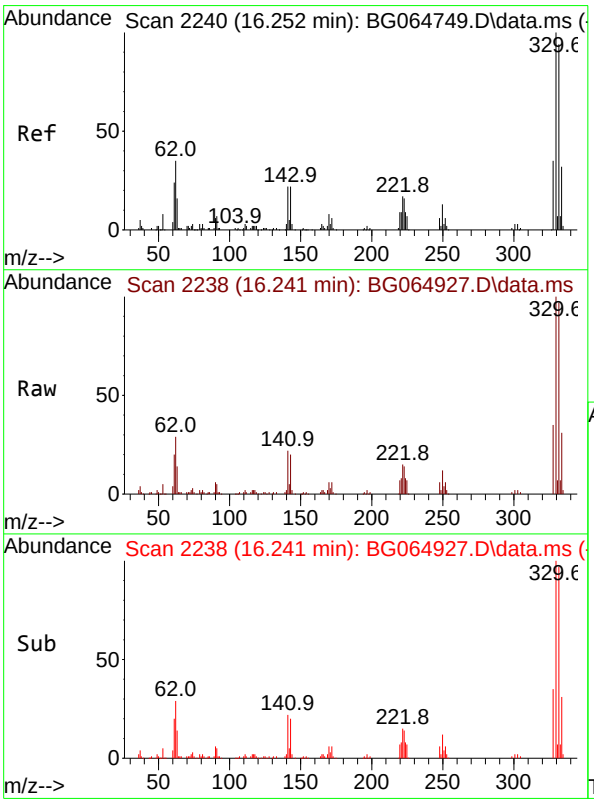
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.760 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:164 Resp: 62601

Ion	Ratio	Lower	Upper
164	100		
162	105.2	79.8	119.6
160	40.8	34.9	52.3

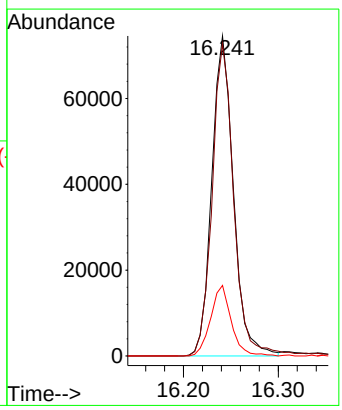


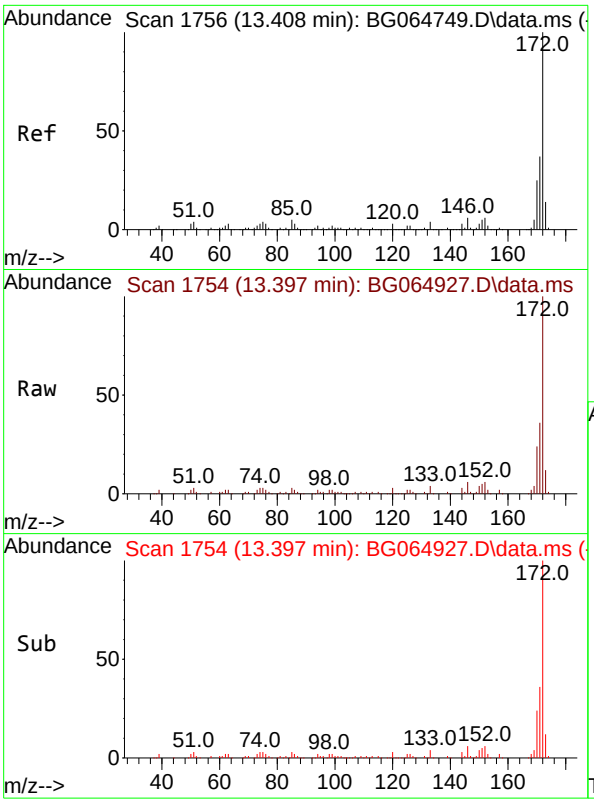


#42
2,4,6-Tribromophenol
Concen: 96.703 ng
RT: 16.241 min Scan# 2238
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion:330 Resp: 118066

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	21.0	18.2	27.2



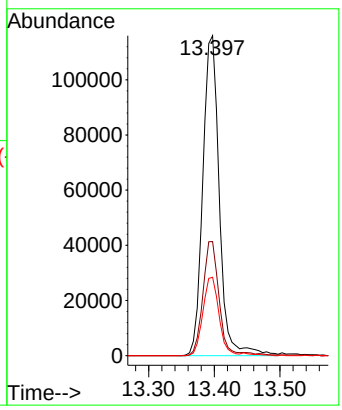


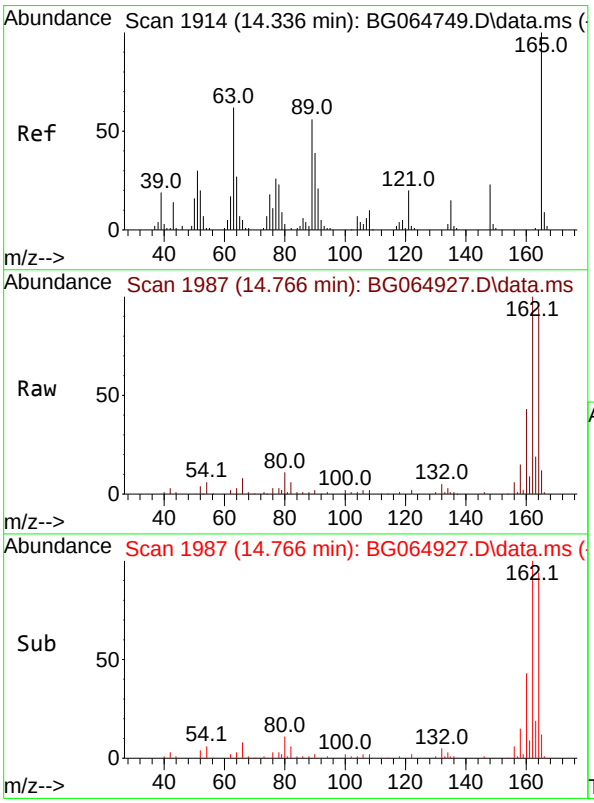
#45
2-Fluorobiphenyl
Concen: 45.390 ng
RT: 13.397 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:172 Resp: 203640

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	24.5	19.8	29.6

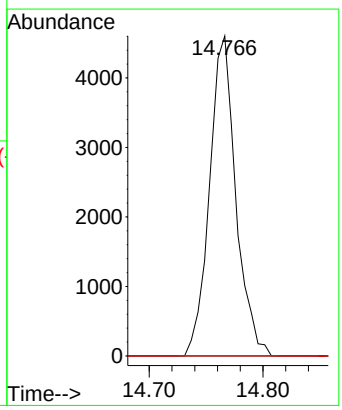


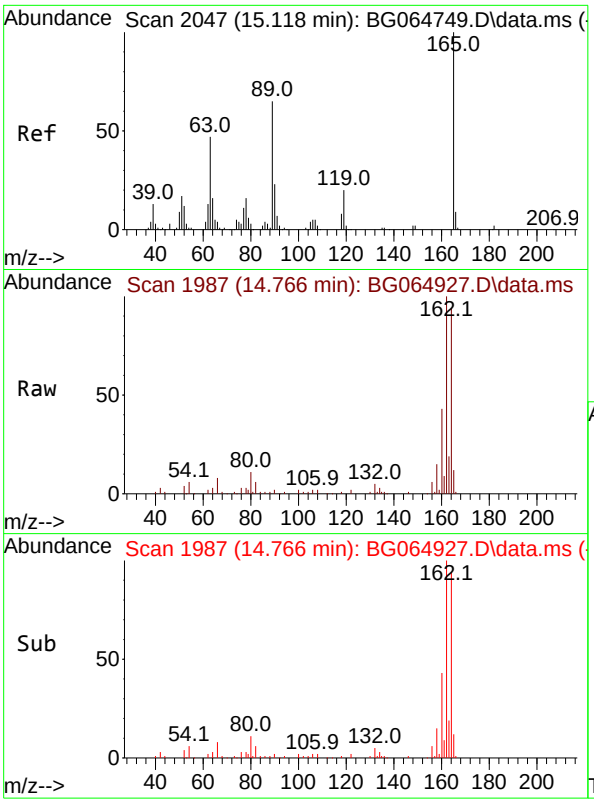


#51
2,6-Dinitrotoluene
Concen: 7.783 ng
RT: 14.766 min Scan# 1987
Delta R.T. 0.430 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion:165 Resp: 7406

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



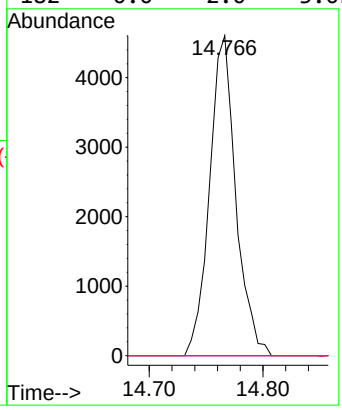


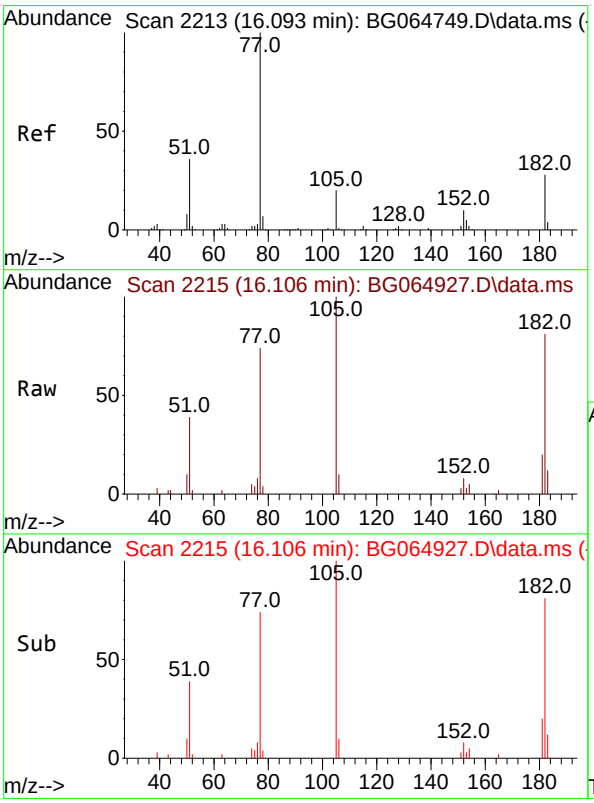
#57
2,4-Dinitrotoluene
Concen: 5.191 ng
RT: 14.766 min Scan# 1
Delta R.T. -0.352 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:165 Resp: 7406

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#

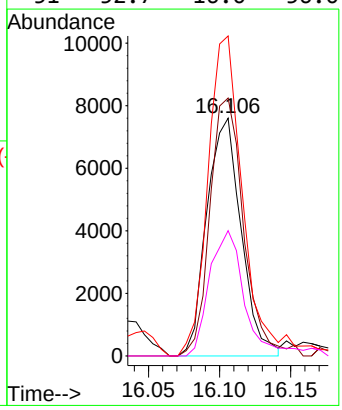


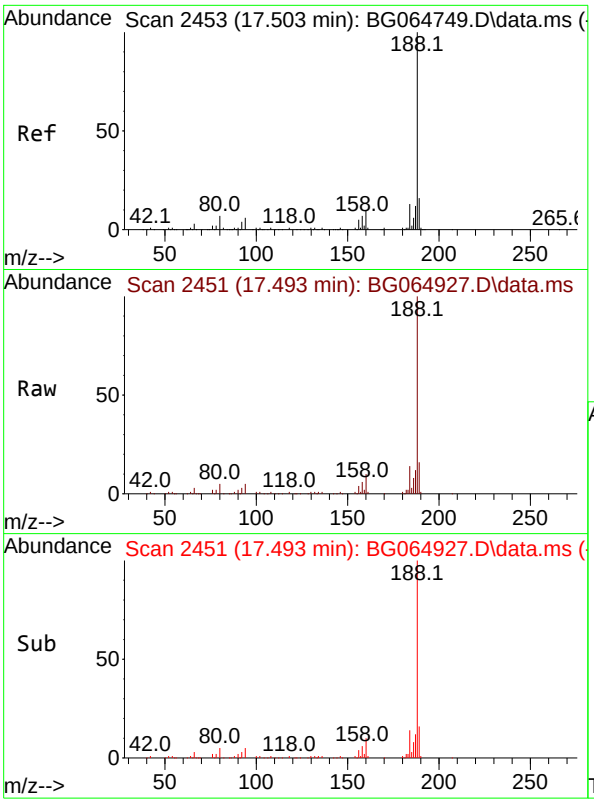


#63
Azobenzene
Concen: 3.240 ng
RT: 16.106 min Scan# 2215
Delta R.T. 0.013 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion: 77 Resp: 12765

Ion	Ratio	Lower	Upper
77	100		
182	108.5	8.1	48.1#
105	134.6	0.1	40.1#
51	52.7	16.0	56.0



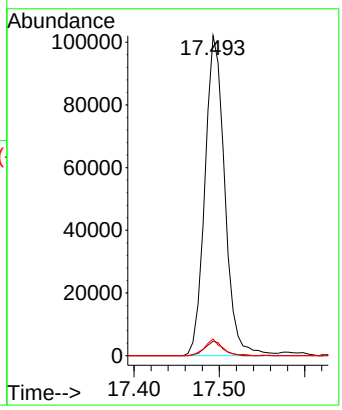


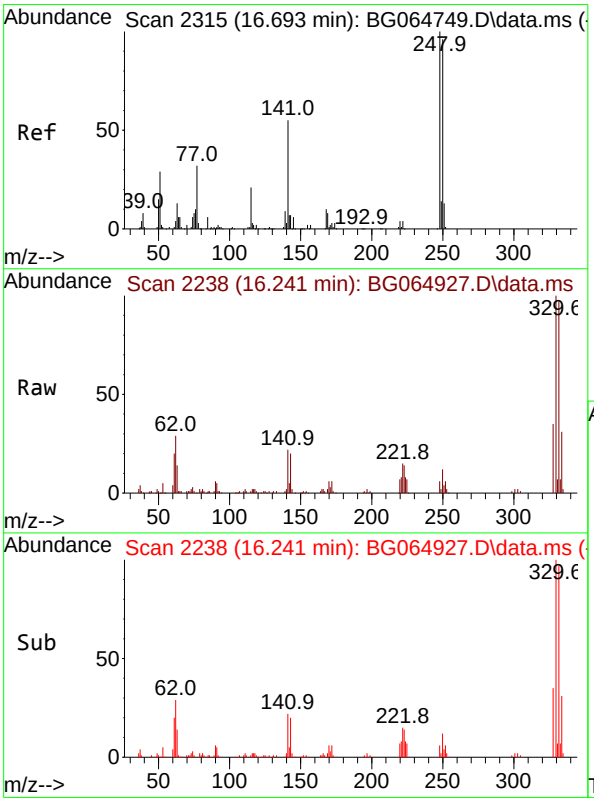
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:188 Resp: 165030

Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.7	7.1#
80	5.2	5.4	8.2#

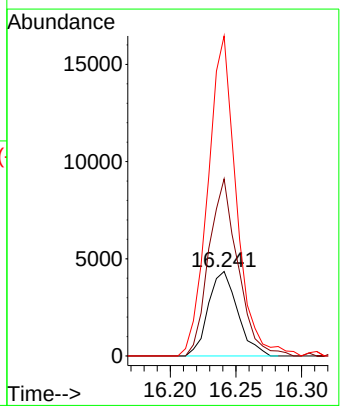


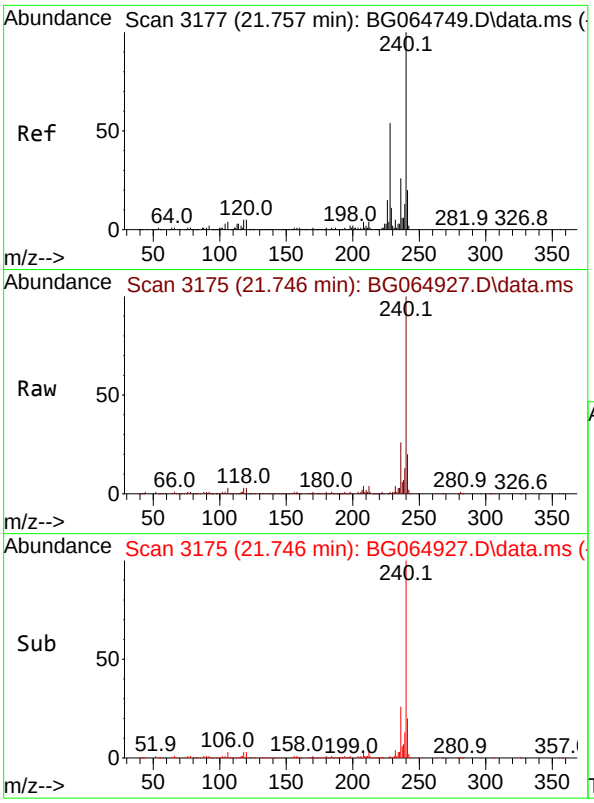


#67
4-Bromophenyl-phenylether
Concen: 3.124 ng
RT: 16.241 min Scan# 2238
Delta R.T. -0.451 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion:248 Resp: 6770

Ion	Ratio	Lower	Upper
248	100		
250	157.1	77.0	115.6#
141	283.8	43.7	65.5#



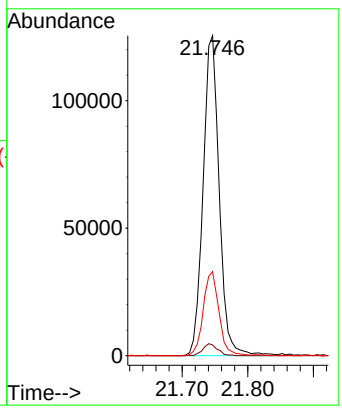


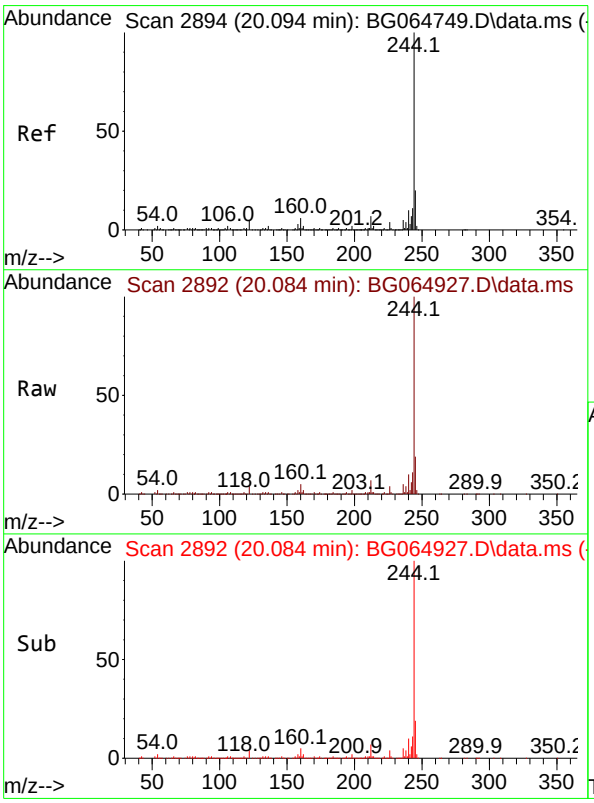
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:240 Resp: 214683

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.2	6.4#
236	26.3	20.8	31.2

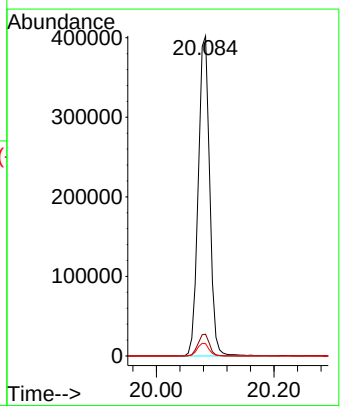


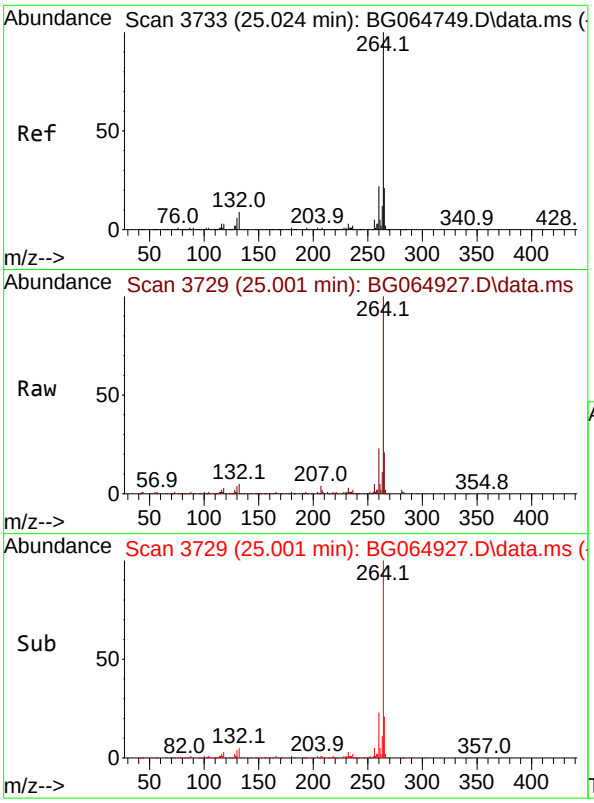


#79
Terphenyl-d14
Concen: 49.645 ng
RT: 20.084 min Scan# 2892
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion:244 Resp: 541812

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	3.9	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3
Delta R.T. -0.023 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:264 Resp: 241924

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.2	25.8
265	21.0	16.6	25.0