Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064932.D
Acq On : 11 Dec 2025 13:16
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Quant Time: Dec 11 13:56:08 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	16447	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	62349	20.000	ng	#-0.02
39) Acenaphthene-d10	14.767	164	57732	20.000	ng	0.00
64) Phenanthrene-d10	17.499	188	171715	20.000	ng	# 0.00
76) Chrysene-d12	21.747	240	218514	20.000	ng	# 0.00
86) Perylene-d12	25.008	264	233564	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	118630	125.952	ng	0.00
7) Phenol-d6	7.300	99	150661	120.267	ng	0.00
23) Nitrobenzene-d5	9.315	82	99013	78.517	ng	-0.02
42) 2,4,6-Tribromophenol	16.242	330	207019	183.861	ng	0.00
45) 2-Fluorobiphenyl	13.398	172	350584	84.734	ng	0.00
79) Terphenyl-d14	20.085	244	1177049	105.960	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.315	70	14311	16.896	ng	# 68
51) 2,6-Dinitrotoluene	14.761	165	7674	8.745	ng	# 21
57) 2,4-Dinitrotoluene	14.761	165	7674	5.833	ng	# 24
67) 4-Bromophenyl-phenylether	16.242	248	12060	5.348	ng	# 1
77) Benzidine	20.085	184	17464	2.669	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064932.D
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Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Dec 11 13:56:08 2025
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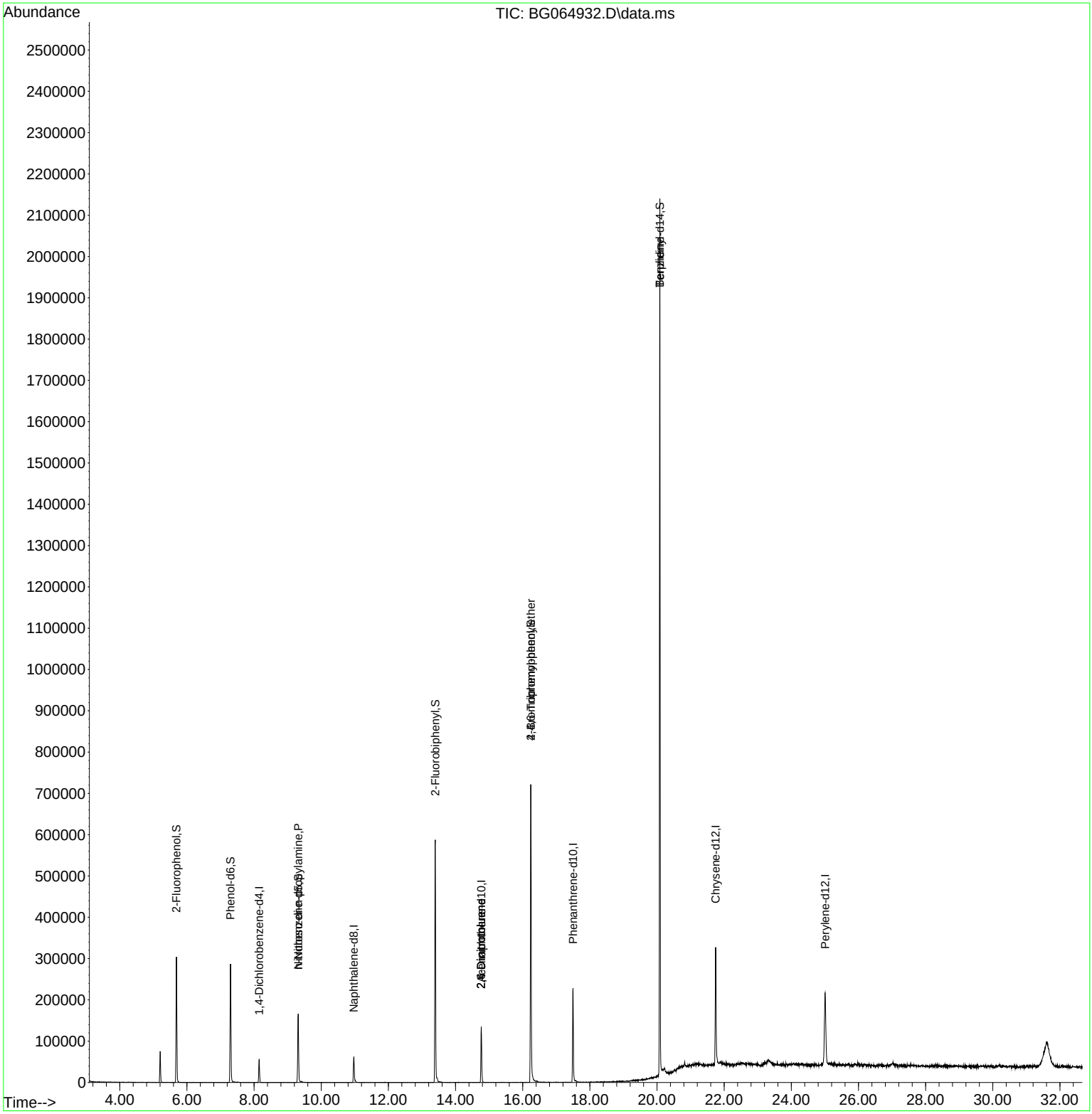
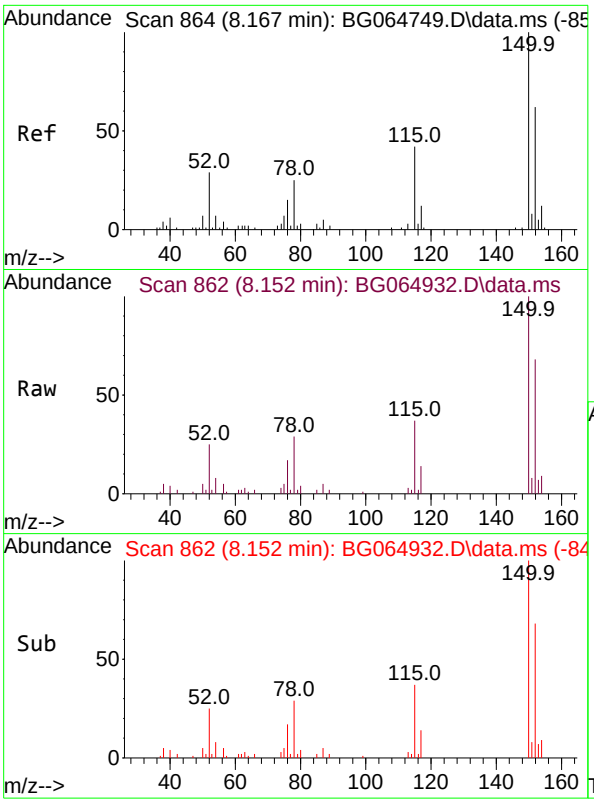


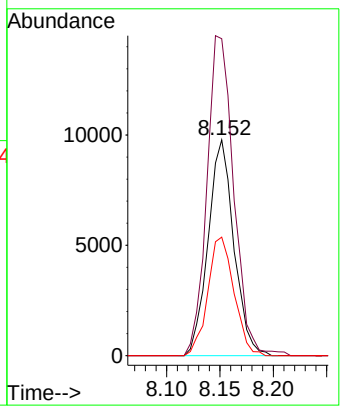


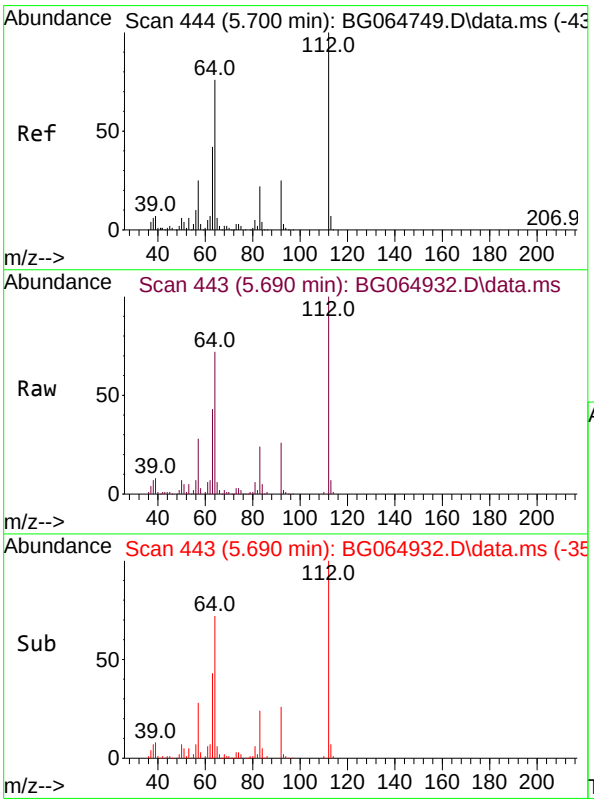
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:152 Resp: 16447

Ion	Ratio	Lower	Upper
152	100		
150	146.9	129.2	193.8
115	54.9	53.7	80.5

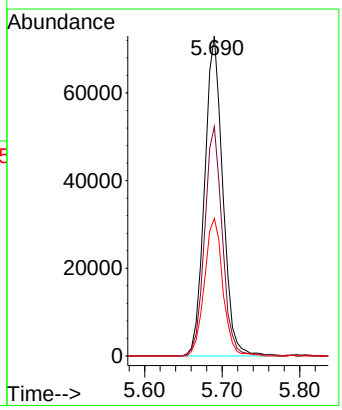


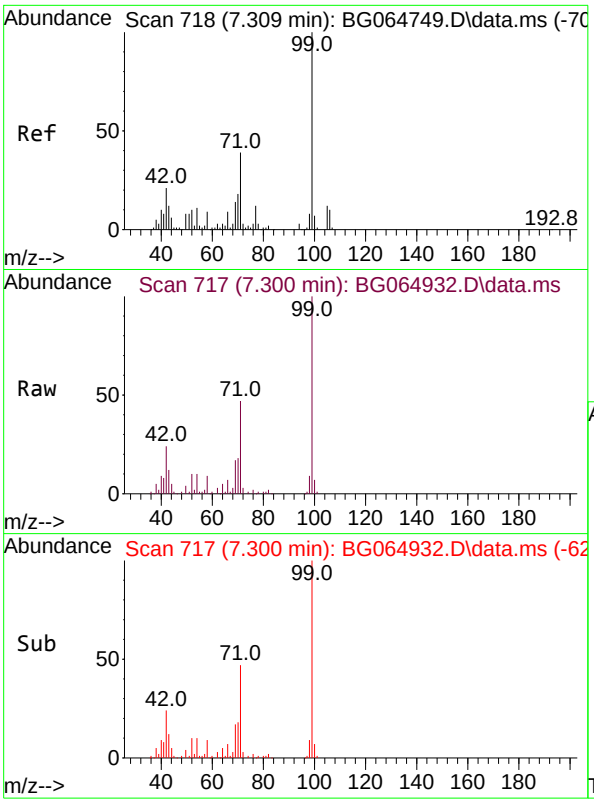


#5
2-Fluorophenol
Concen: 125.952 ng
RT: 5.690 min Scan# 443
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:112 Resp: 118630

Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.0	91.4
63	43.0	33.3	49.9



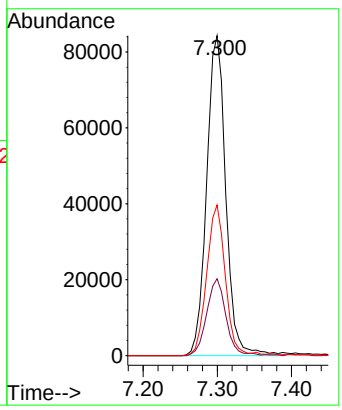


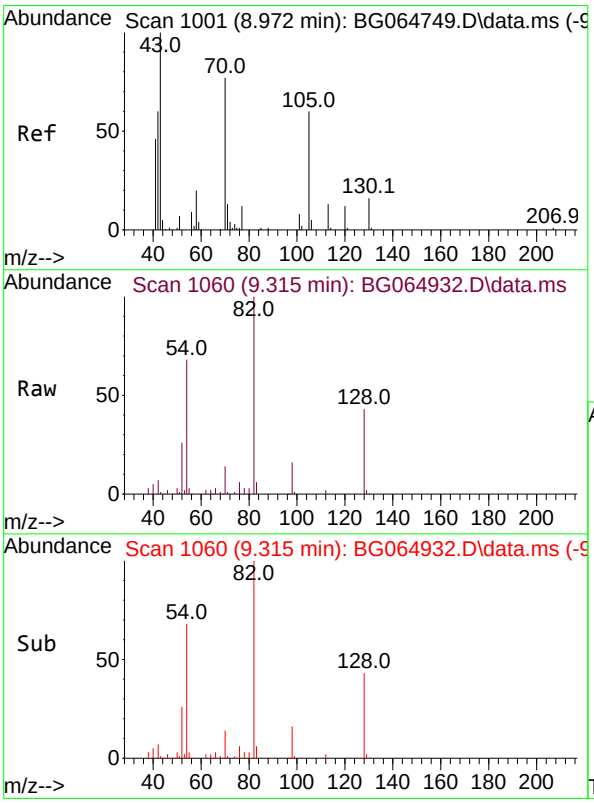
#7
Phenol-d6
Concen: 120.267 ng
RT: 7.300 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion: 99 Resp: 150661

Ion	Ratio	Lower	Upper
99	100		
42	24.0	16.8	25.2
71	47.1	31.1	46.7#

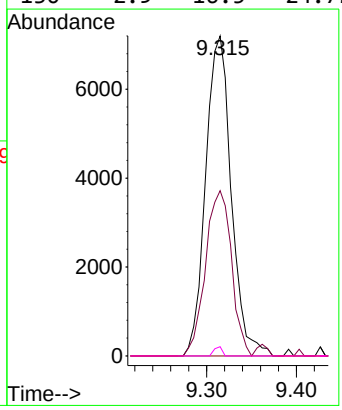


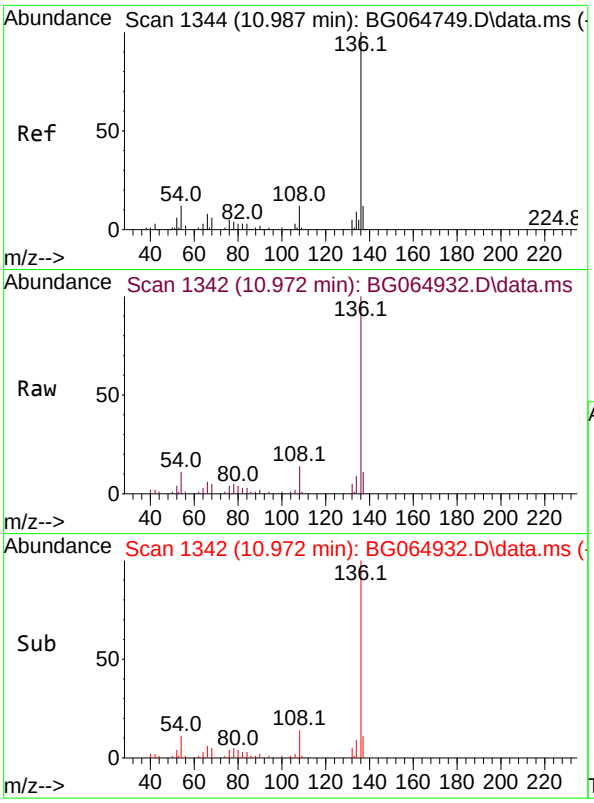


#19
n-Nitroso-di-n-propylamine
Concen: 16.896 ng
RT: 9.315 min Scan# 1060
Delta R.T. 0.343 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion: 70 Resp: 14311

Ion	Ratio	Lower	Upper
70	100		
42	51.6	62.6	93.8#
101	0.0	8.0	12.0#
130	2.9	16.5	24.7#



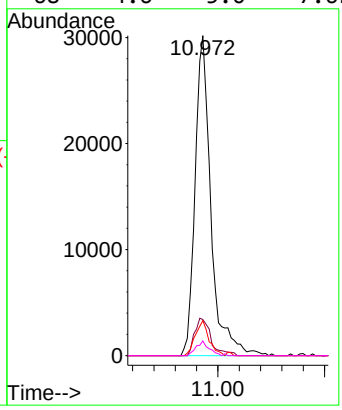


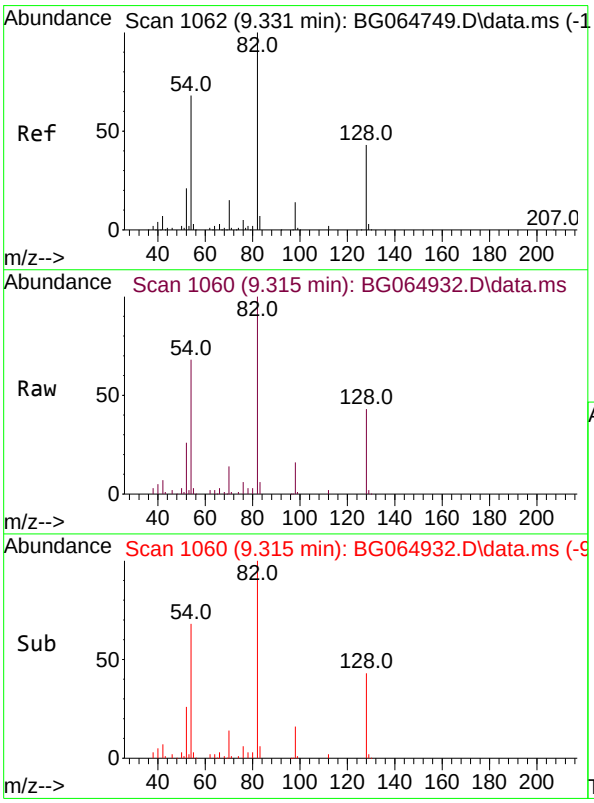
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:136 Resp: 62349

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	10.9	9.3	13.9
68	4.6	5.0	7.6#

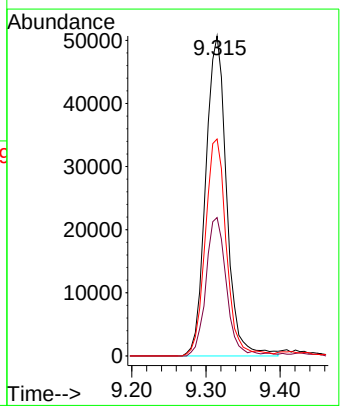


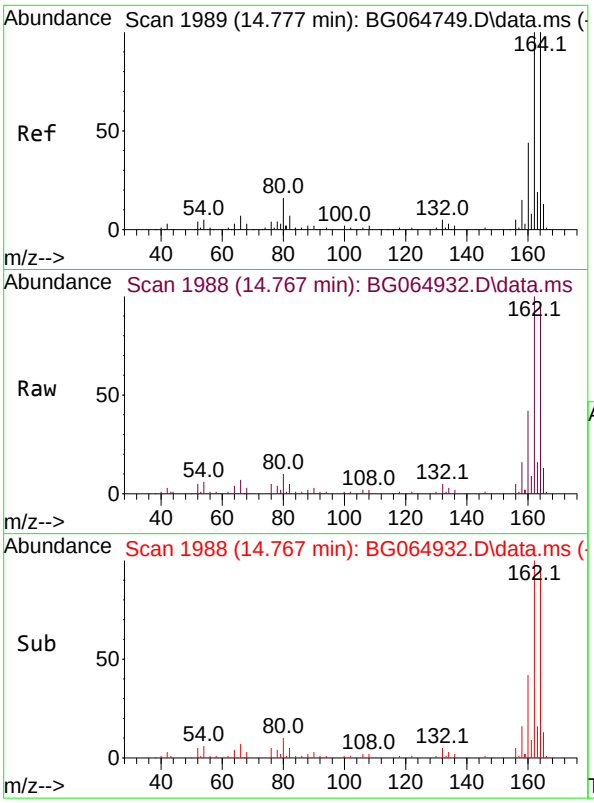


#23
Nitrobenzene-d5
Concen: 78.517 ng
RT: 9.315 min Scan# 1060
Delta R.T. -0.016 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion: 82 Resp: 99013

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.1	51.1
54	67.8	54.3	81.5



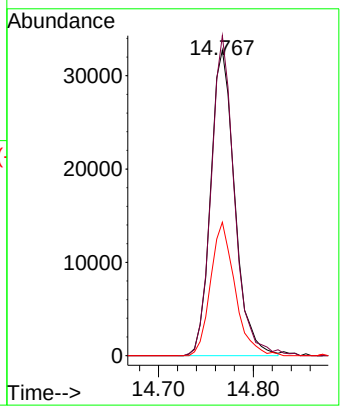


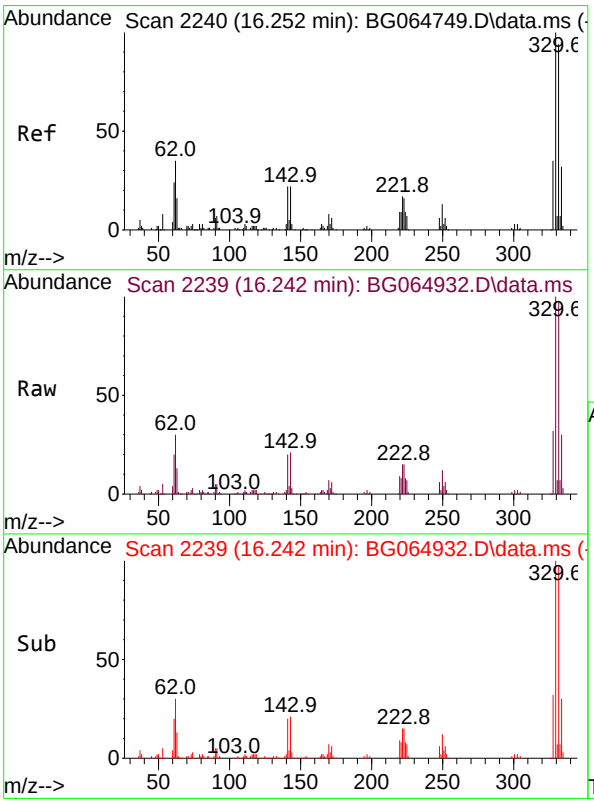
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 19
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:164 Resp: 57732

Ion	Ratio	Lower	Upper
164	100		
162	104.7	79.8	119.6
160	43.7	34.9	52.3

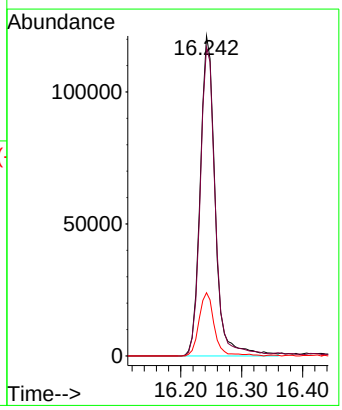


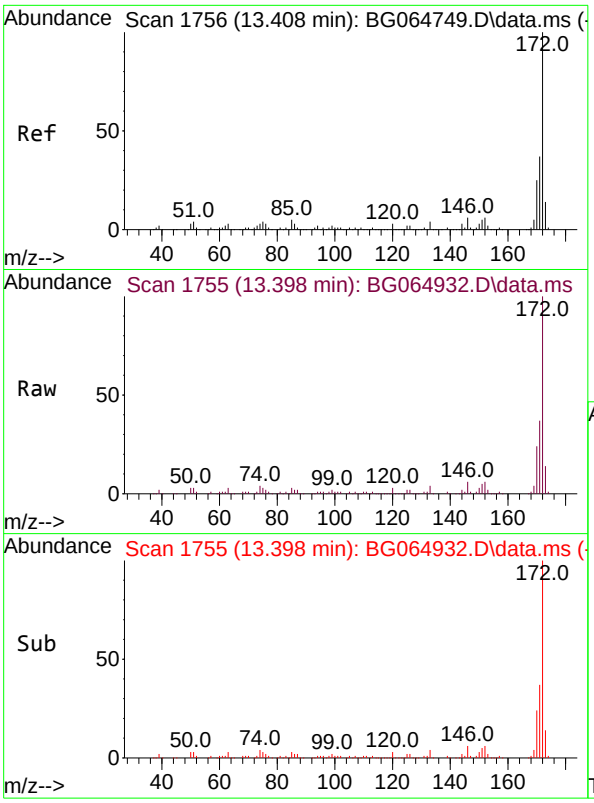


#42
2,4,6-Tribromophenol
Concen: 183.861 ng
RT: 16.242 min Scan# 2239
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:330 Resp: 207019

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	20.1	18.2	27.2



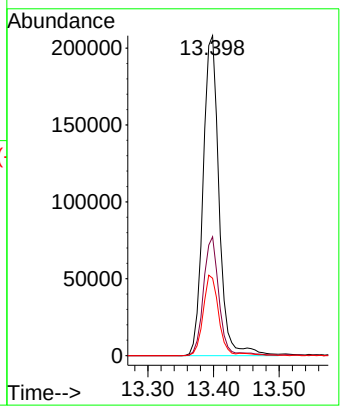


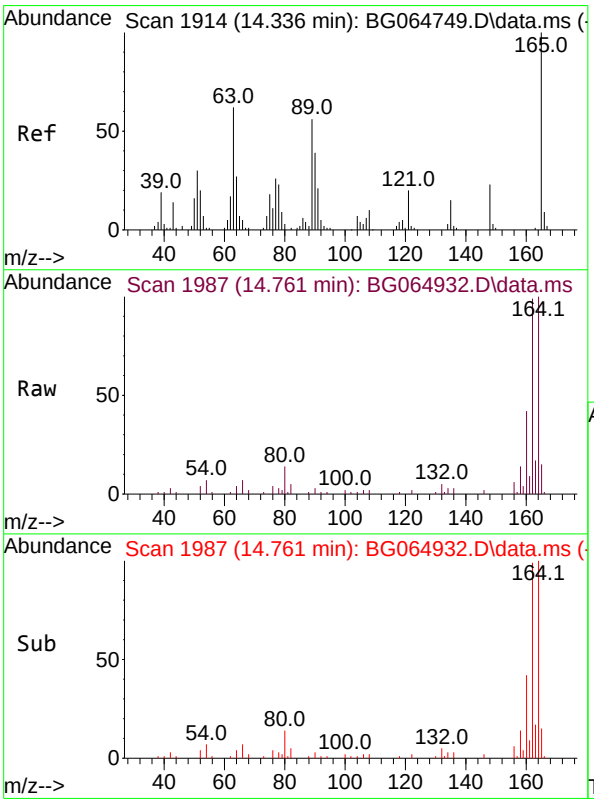
#45
2-Fluorobiphenyl
Concen: 84.734 ng
RT: 13.398 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:172 Resp: 350584

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	24.2	19.8	29.6

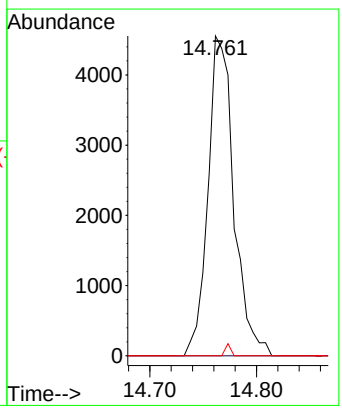


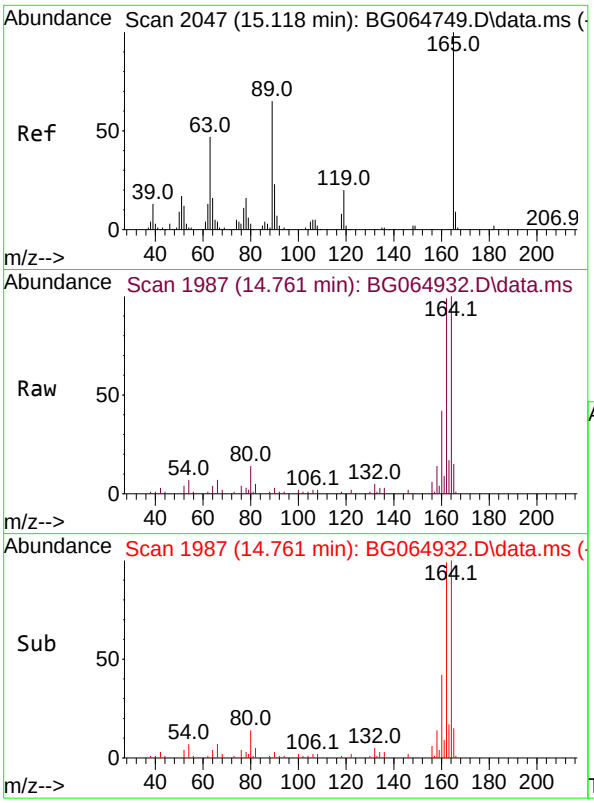


#51
2,6-Dinitrotoluene
Concen: 8.745 ng
RT: 14.761 min Scan# 1987
Delta R.T. 0.425 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:165 Resp: 7674

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



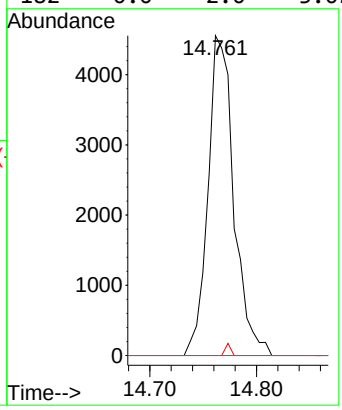


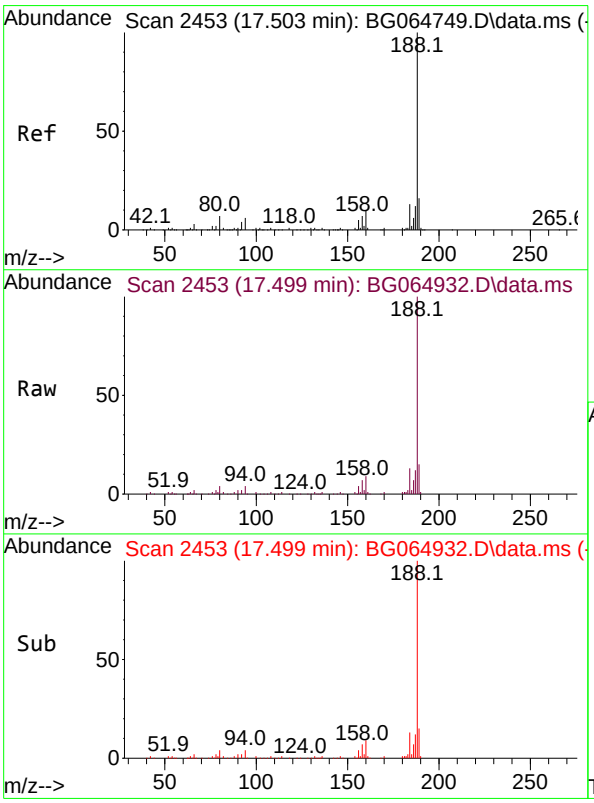
#57
2,4-Dinitrotoluene
Concen: 5.833 ng
RT: 14.761 min Scan# 19
Delta R.T. -0.356 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:165 Resp: 7674

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#

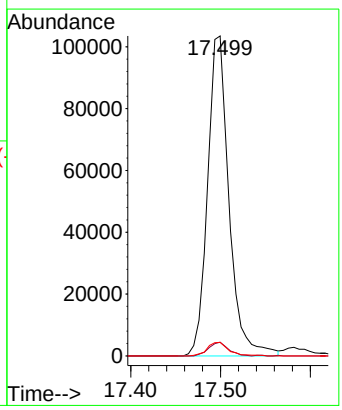


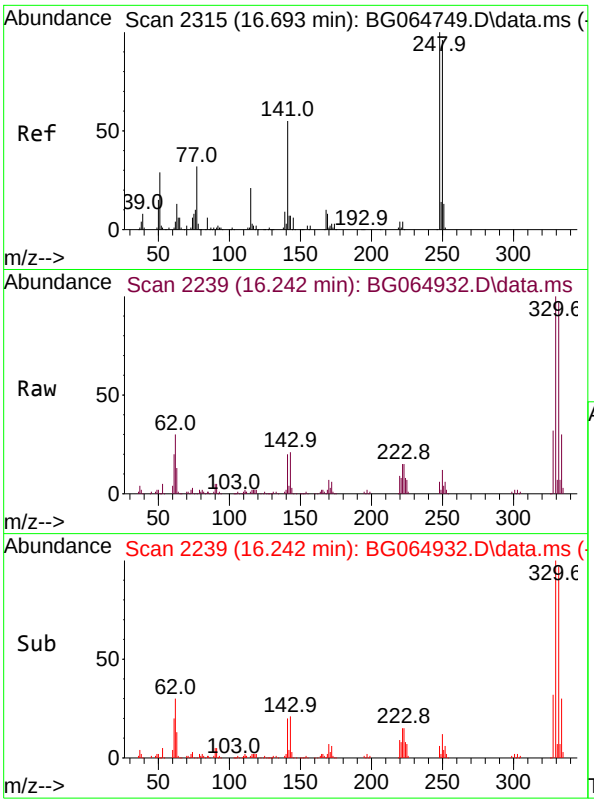


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.499 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:188 Resp: 171715

Ion	Ratio	Lower	Upper
188	100		
94	4.3	4.7	7.1#
80	4.2	5.4	8.2#



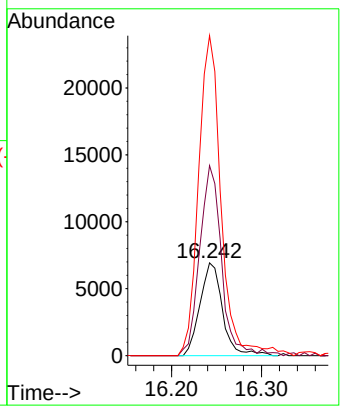


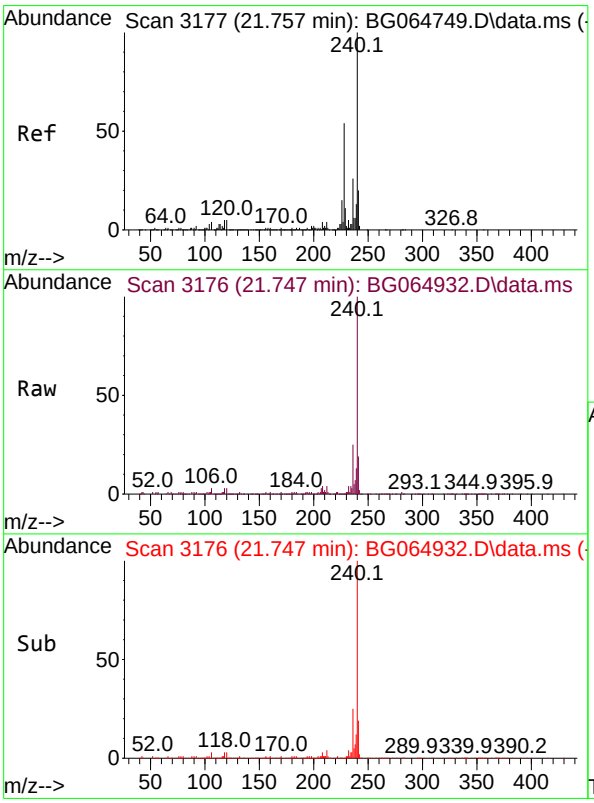
#67
4-Bromophenyl-phenylether
Concen: 5.348 ng
RT: 16.242 min Scan# 2
Delta R.T. -0.450 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:248 Resp: 12060

Ion	Ratio	Lower	Upper
248	100		
250	205.0	77.0	115.6#
141	345.2	43.7	65.5#

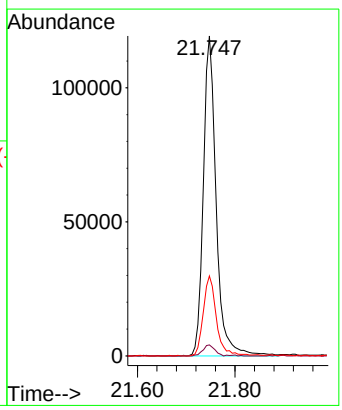


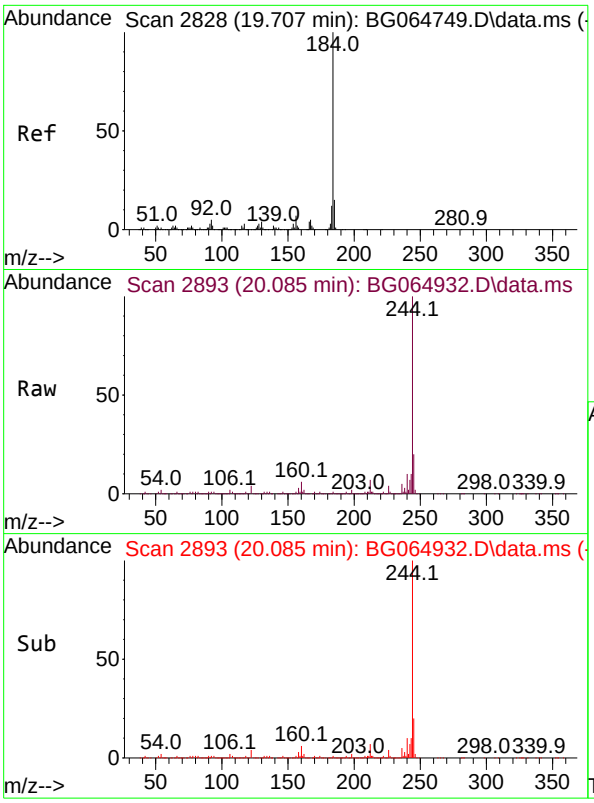


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3176
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:240 Resp: 218514

Ion	Ratio	Lower	Upper
240	100		
120	3.4	4.2	6.4#
236	25.0	20.8	31.2



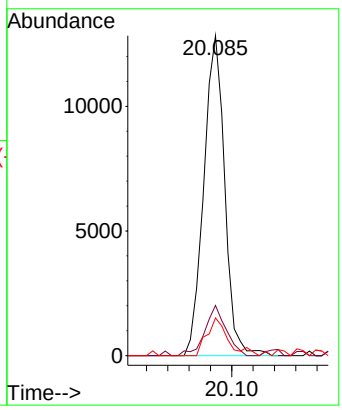


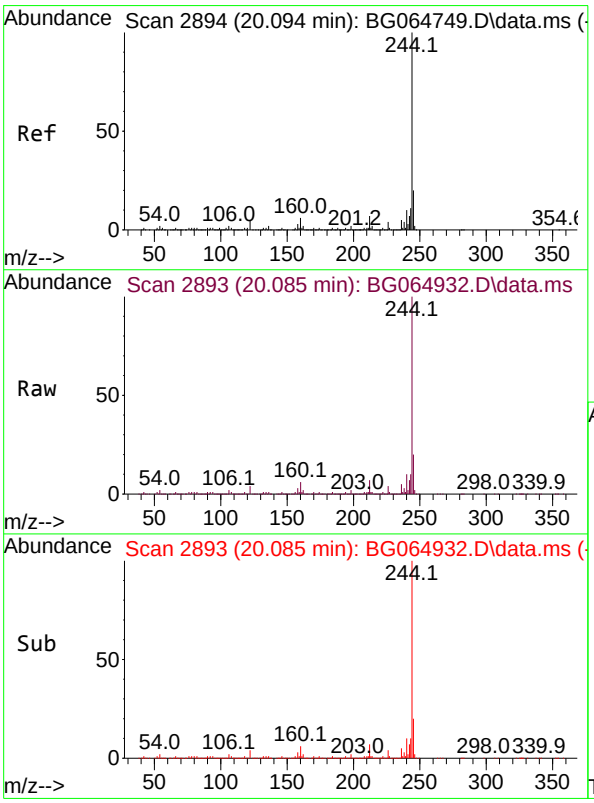
#77
Benzidine
Concen: 2.669 ng
RT: 20.085 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:184 Resp: 17464

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.6
183	11.8	9.8	14.6

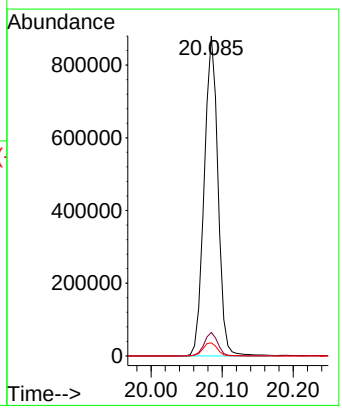


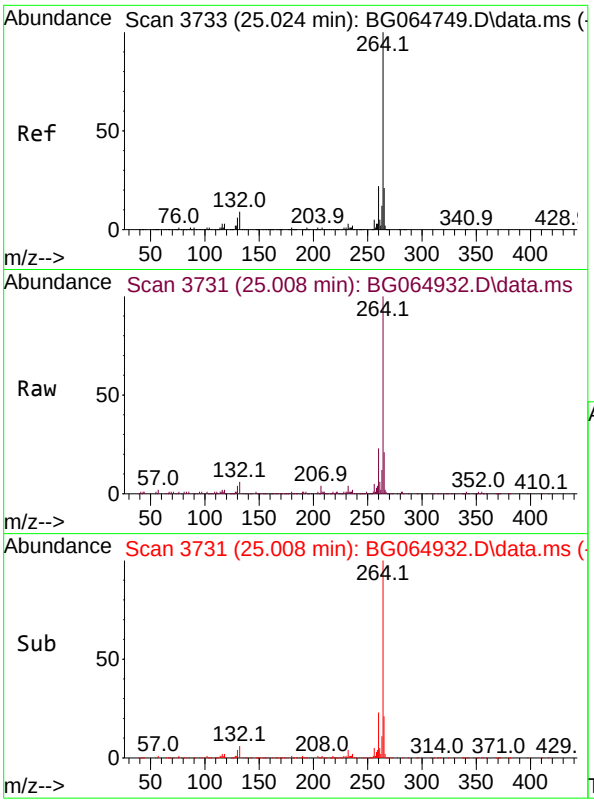


#79
Terphenyl-d14
Concen: 105.960 ng
RT: 20.085 min Scan# 2893
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:244 Resp: 1177049

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	4.1	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3
Delta R.T. -0.016 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion:264 Resp: 233564

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.2	25.8
265	21.2	16.6	25.0