Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064759.D
Acq On : 13 Nov 2025 16:41
Operator : RC/JU
Sample : Q3609-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 13 17:45:05 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	8.162	152	35577	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	124974	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	98619	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	235725	20.000	ng	0.00
76) Chrysene-d12	21.752	240	294896	20.000	ng	0.00
86) Perylene-d12	25.007	264	324774	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	176713	86.736	ng	0.00
7) Phenol-d6	7.310	99	237566	87.669	ng	0.00
23) Nitrobenzene-d5	9.326	82	143229	56.665	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	169858	88.312	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	378169	53.506	ng	0.00
79) Terphenyl-d14	20.089	244	879642	58.676	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.221	88	4203	5.329	ng	# 1
19) n-Nitroso-di-n-propyla...	9.326	70	19159	10.457	ng	# 72
51) 2,6-Dinitrotoluene	14.772	165	12605	8.409	ng	# 23
57) 2,4-Dinitrotoluene	14.772	165	12605	5.609	ng	# 27
63) Azobenzene	16.112	77	22429	3.613	ng	# 1
67) 4-Bromophenyl-phenylether	16.247	248	10293	3.325	ng	# 1

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

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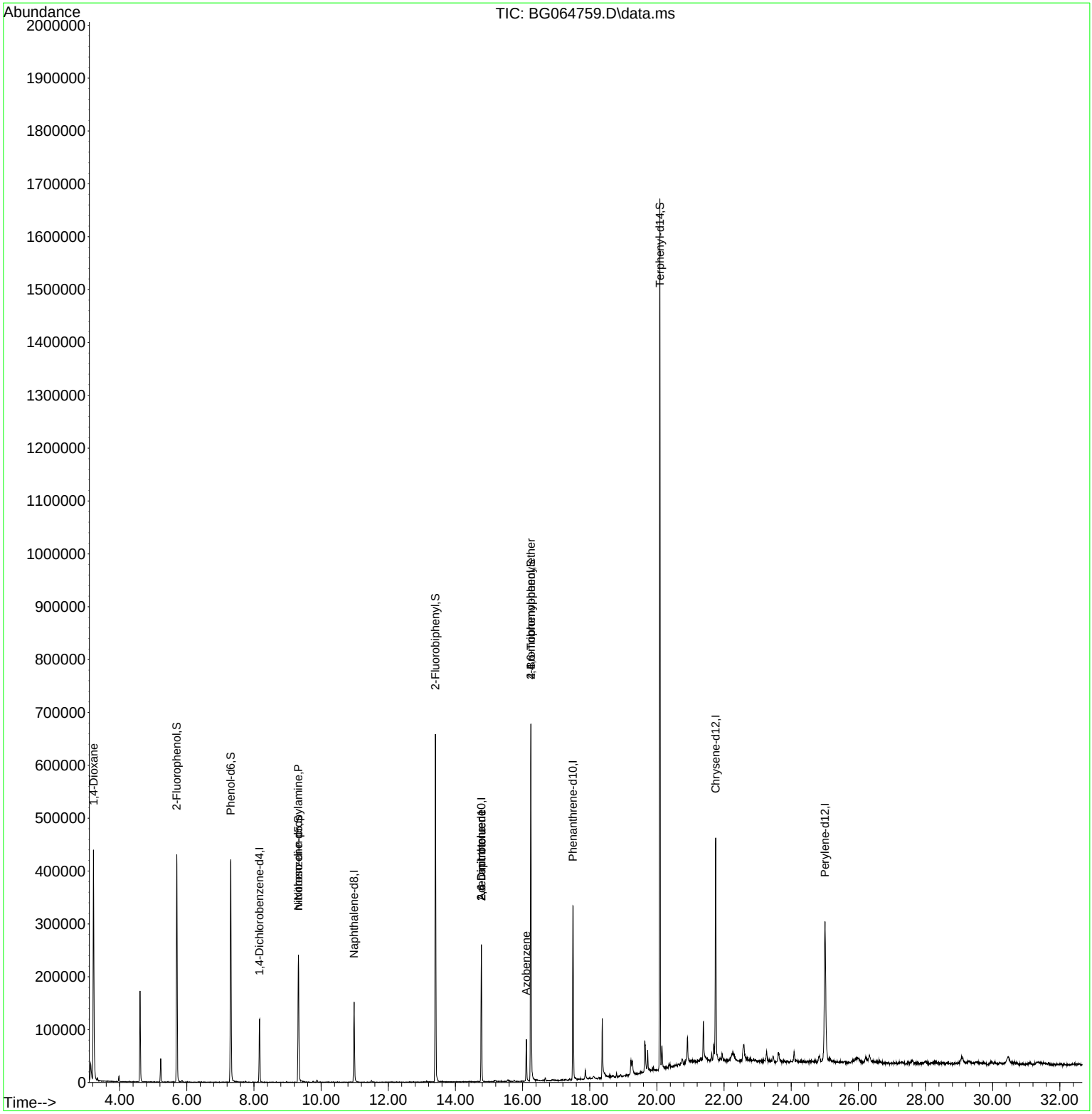
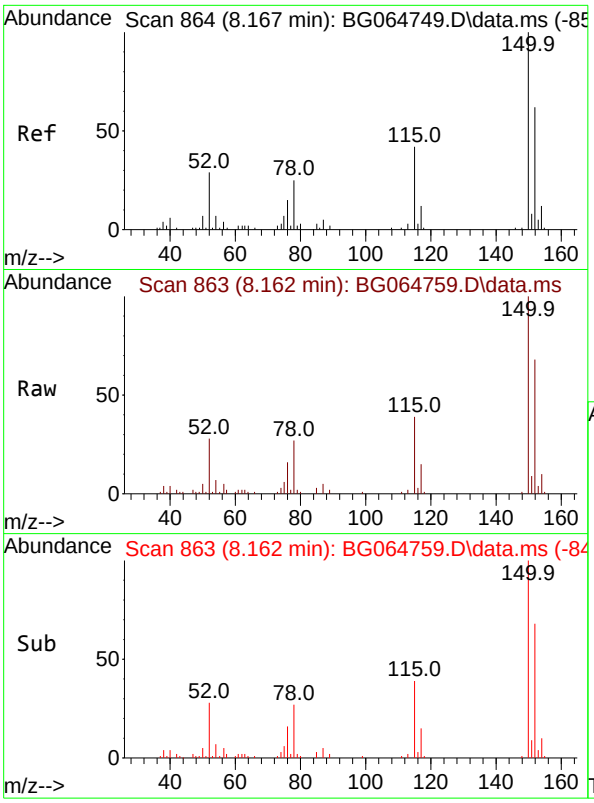


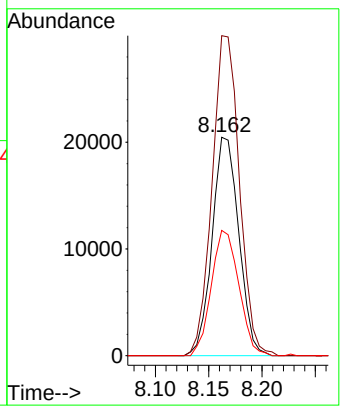


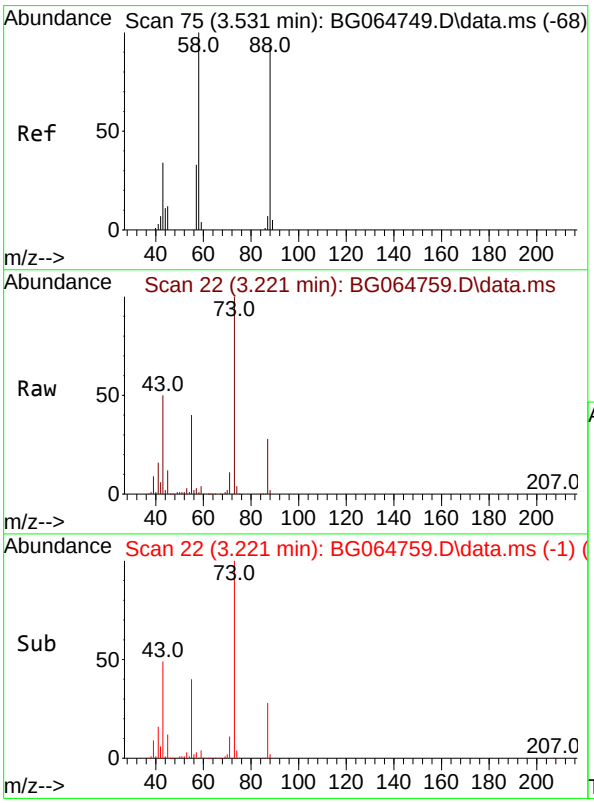
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.162 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35577

Ion	Ratio	Lower	Upper
152	100		
150	146.6	129.2	193.8
115	57.4	53.7	80.5

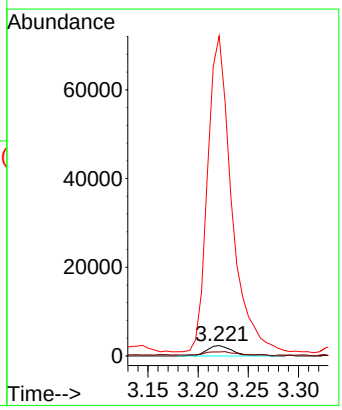


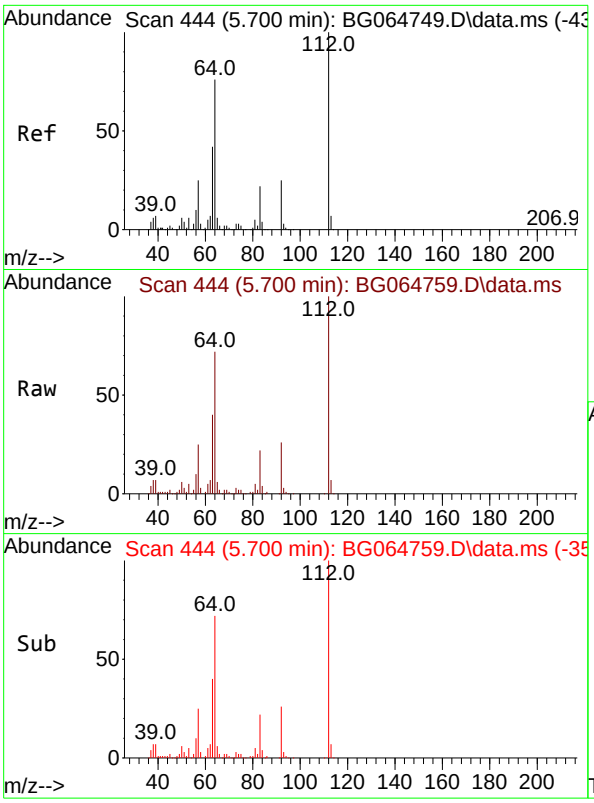


#2
1,4-Dioxane
Concen: 5.329 ng
RT: 3.221 min Scan# 22
Delta R.T. -0.311 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion: 88 Resp: 4203

Ion	Ratio	Lower	Upper
88	100		
58	60.1	84.6	126.8#
43	2861.1	30.0	45.0#



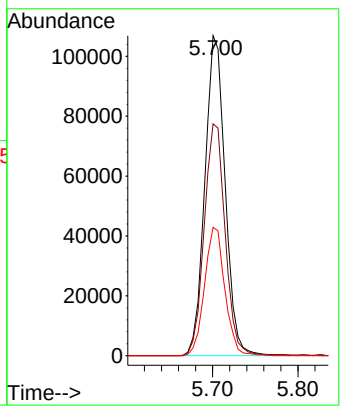


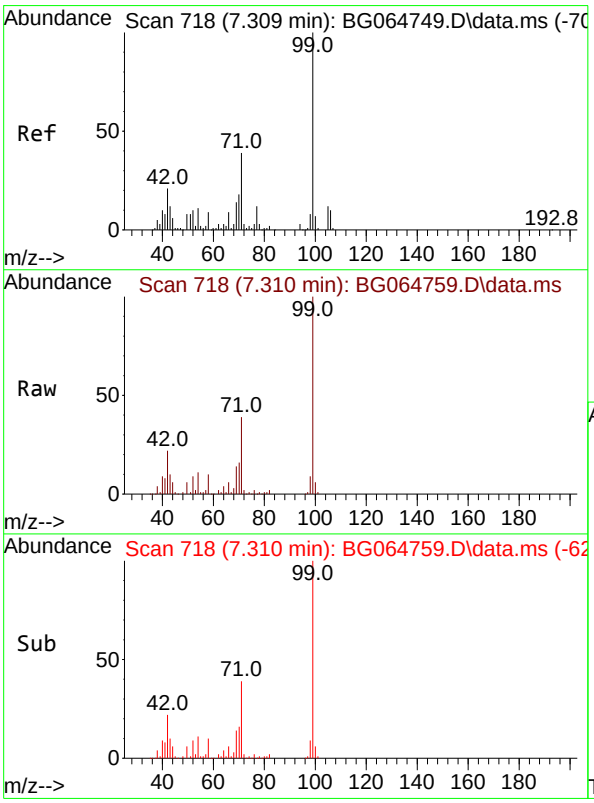
#5
2-Fluorophenol
Concen: 86.736 ng
RT: 5.700 min Scan# 44
Delta R.T. 0.001 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 176713

Ion	Ratio	Lower	Upper
112	100		
64	72.5	61.0	91.4
63	40.1	33.3	49.9

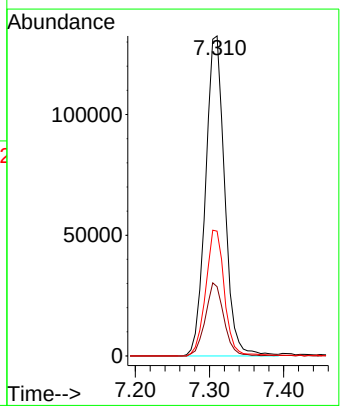


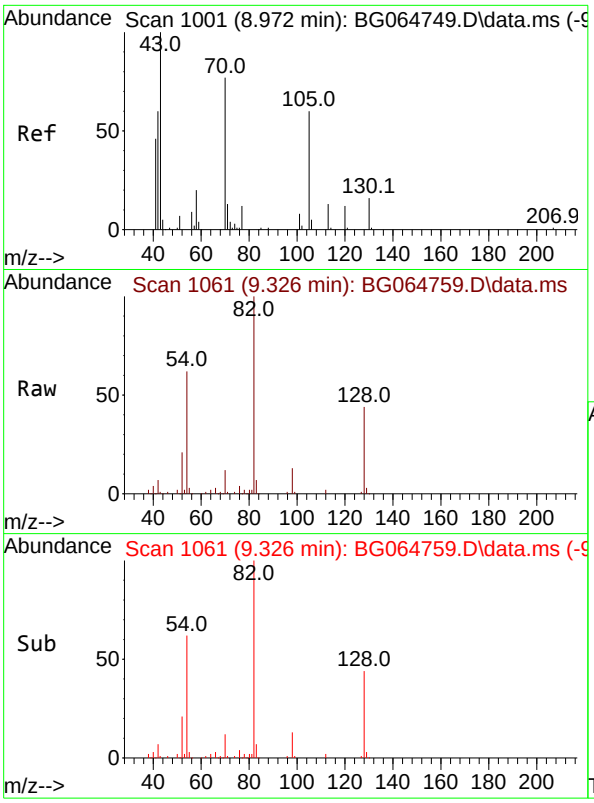


#7
Phenol-d6
Concen: 87.669 ng
RT: 7.310 min Scan# 718
Delta R.T. 0.001 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion: 99 Resp: 237566

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.8	25.2
71	39.0	31.1	46.7



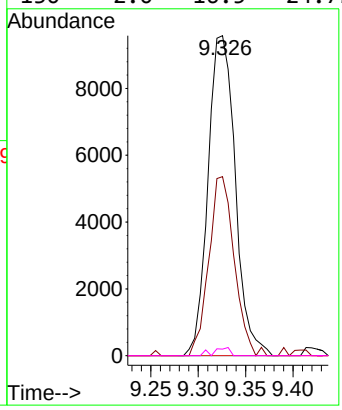


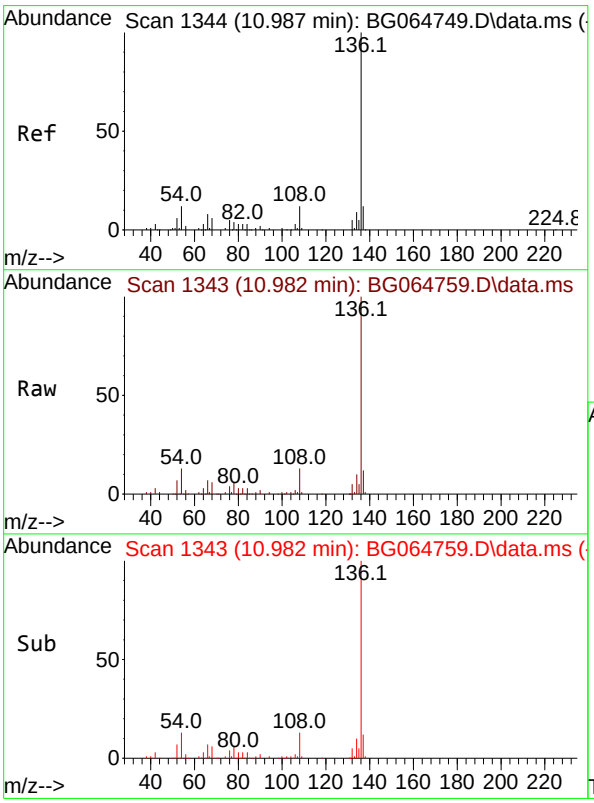
#19
n-Nitroso-di-n-propylamine
Concen: 10.457 ng
RT: 9.326 min Scan# 1
Delta R.T. 0.353 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19159

Ion	Ratio	Lower	Upper
70	100		
42	56.0	62.6	93.8#
101	0.0	8.0	12.0#
130	2.0	16.5	24.7#

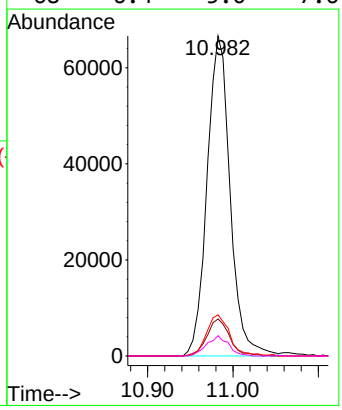


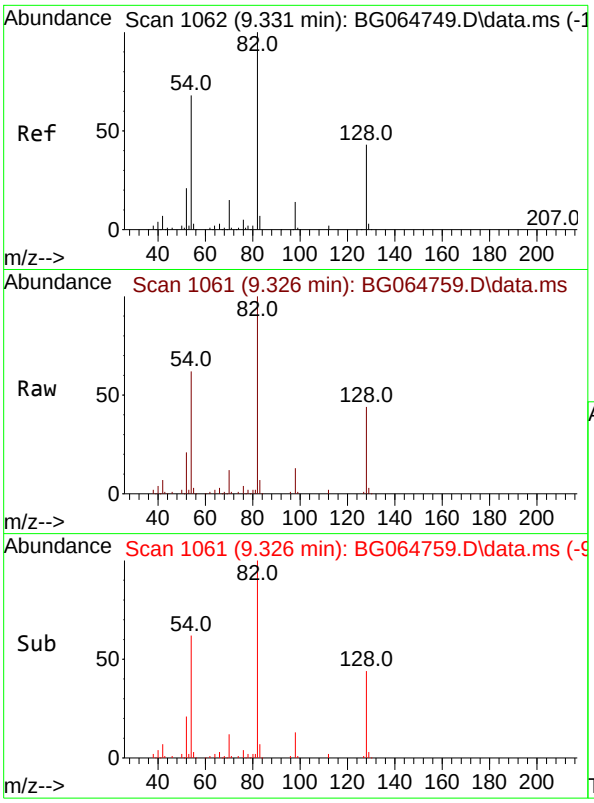


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1343
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:136 Resp: 124974

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	12.8	9.3	13.9
68	6.4	5.0	7.6



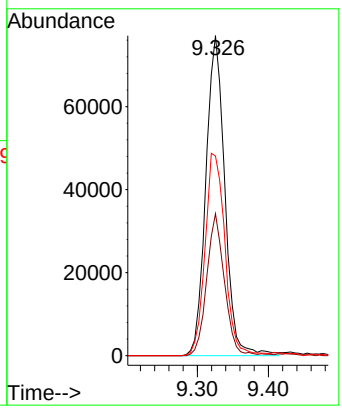


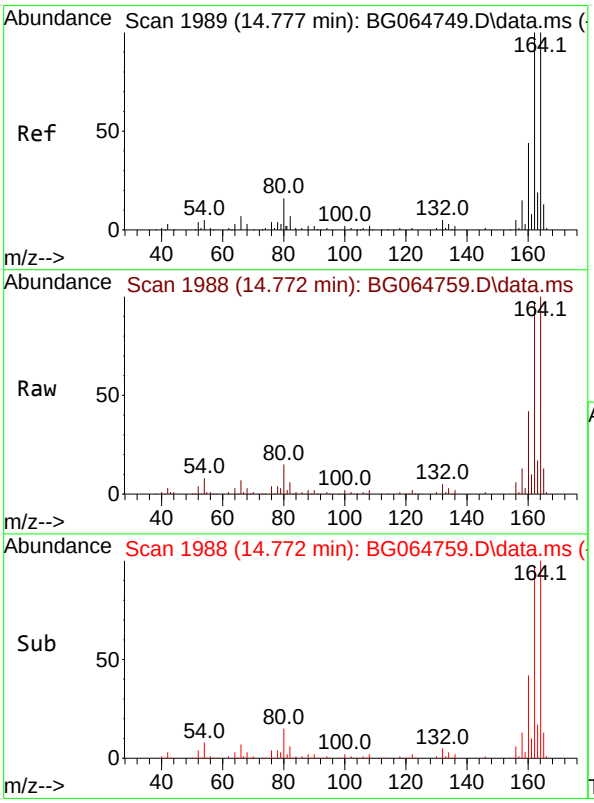
#23
Nitrobenzene-d5
Concen: 56.665 ng
RT: 9.326 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 143229

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.1	51.1
54	62.4	54.3	81.5

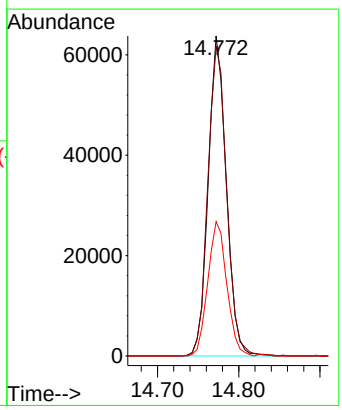


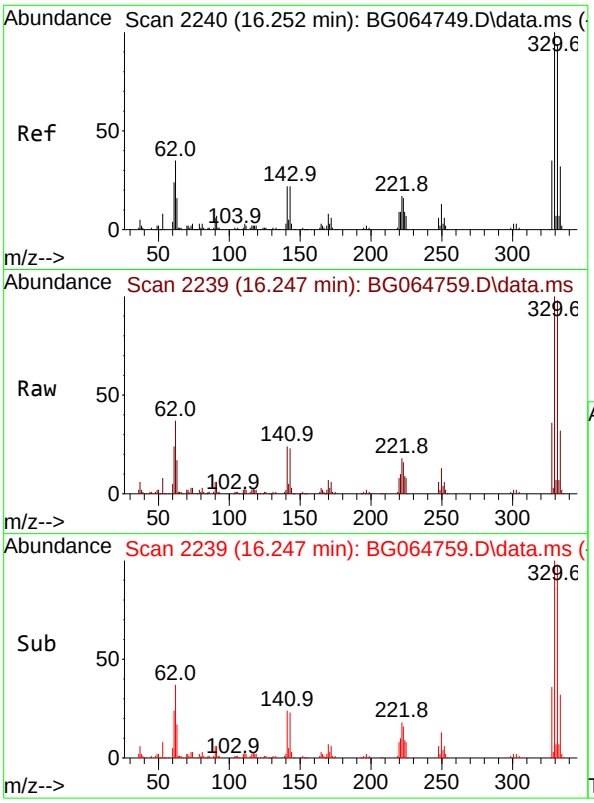


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:164 Resp: 98619

Ion	Ratio	Lower	Upper
164	100		
162	96.8	79.8	119.6
160	42.0	34.9	52.3



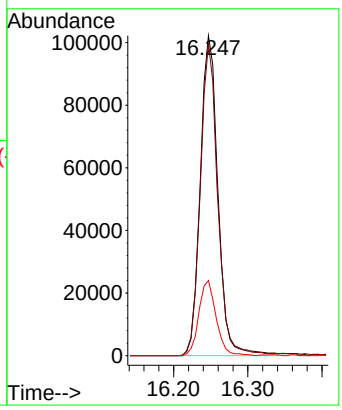


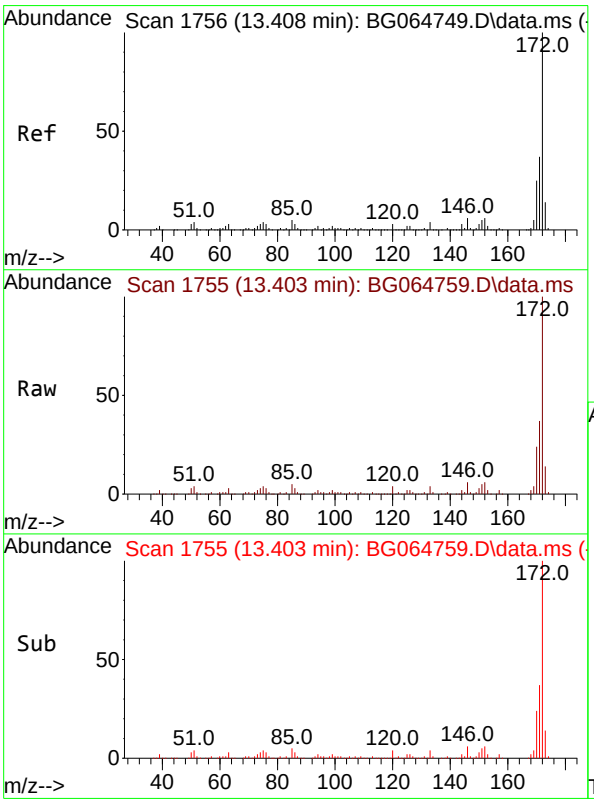
#42
2,4,6-Tribromophenol
Concen: 88.312 ng
RT: 16.247 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 169858

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	22.9	18.2	27.2

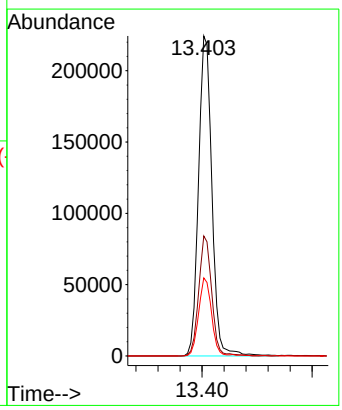


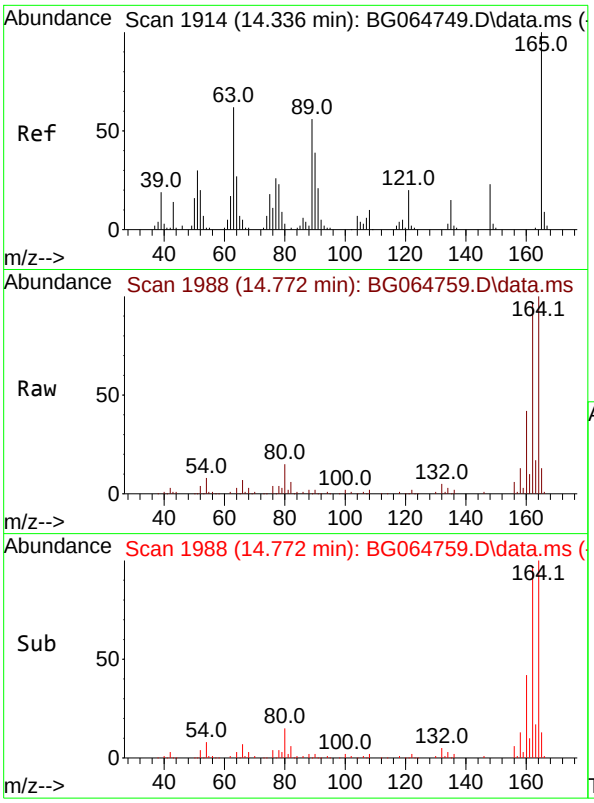


#45
2-Fluorobiphenyl
Concen: 53.506 ng
RT: 13.403 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:172 Resp: 378169

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.4	19.8	29.6



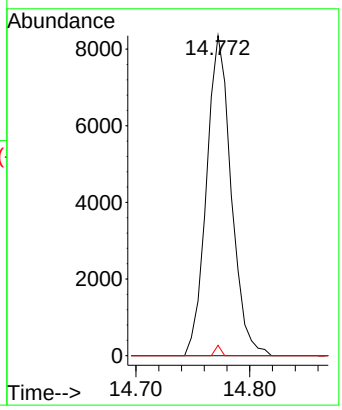


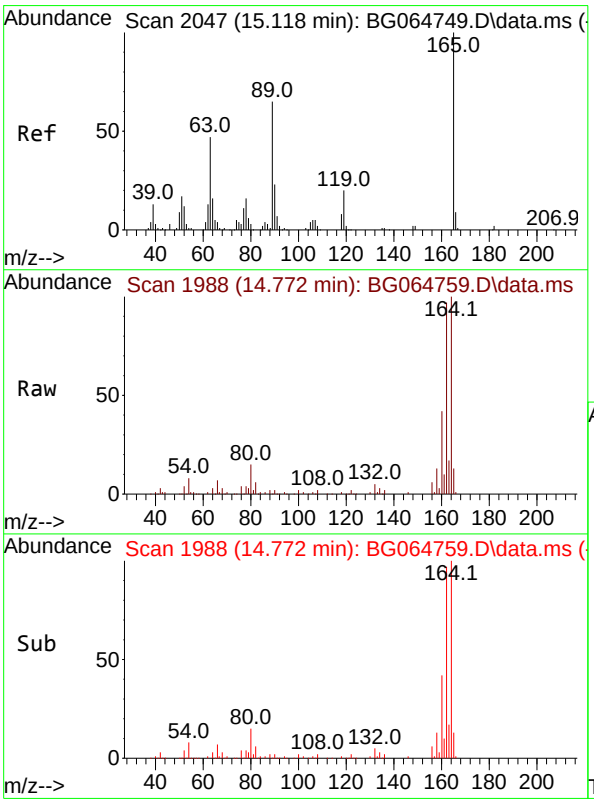
#51
2,6-Dinitrotoluene
Concen: 8.409 ng
RT: 14.772 min Scan# 1
Delta R.T. 0.436 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12605

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.8	74.8#
89	3.3	45.0	67.4#

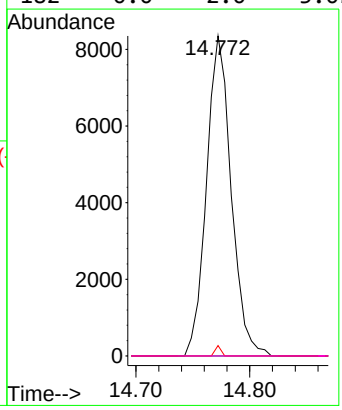


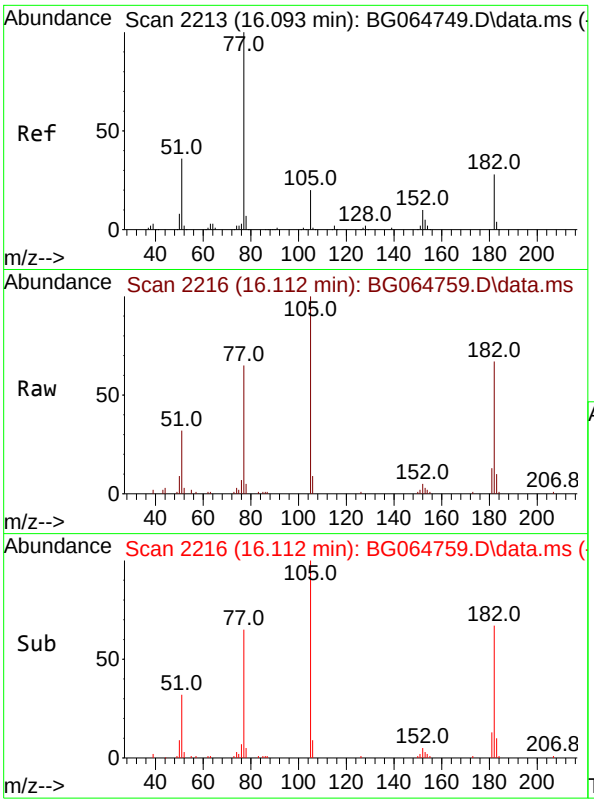


#57
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 14.772 min Scan# 1988
Delta R.T. -0.346 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:165 Resp: 12605

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	3.3	51.6	77.4#
182	0.0	2.0	3.0#



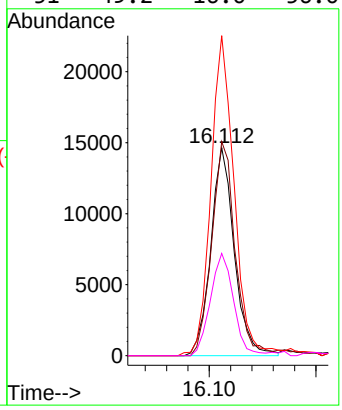


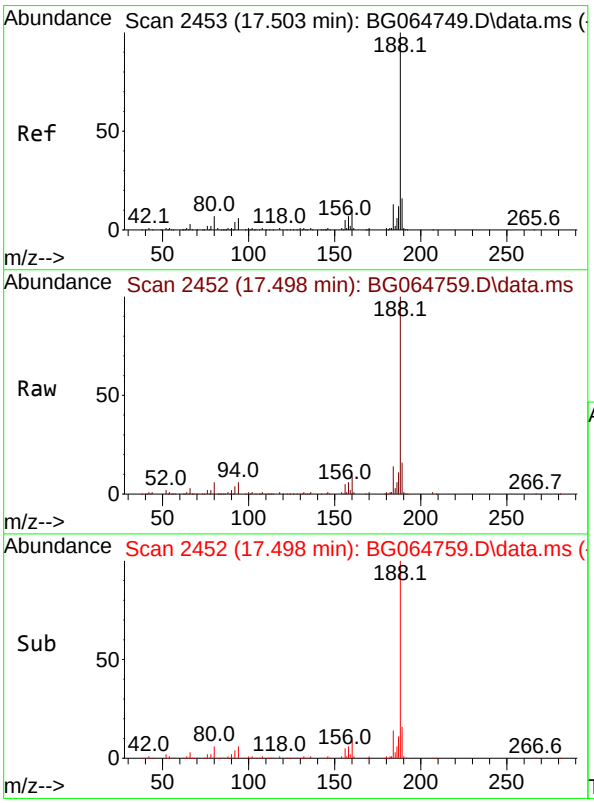
#63
Azobenzene
Concen: 3.613 ng
RT: 16.112 min Scan# 2
Delta R.T. 0.018 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 22429

Ion	Ratio	Lower	Upper
77	100		
182	103.0	8.1	48.1#
105	154.0	0.1	40.1#
51	49.2	16.0	56.0

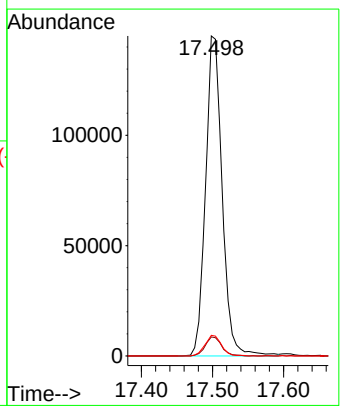


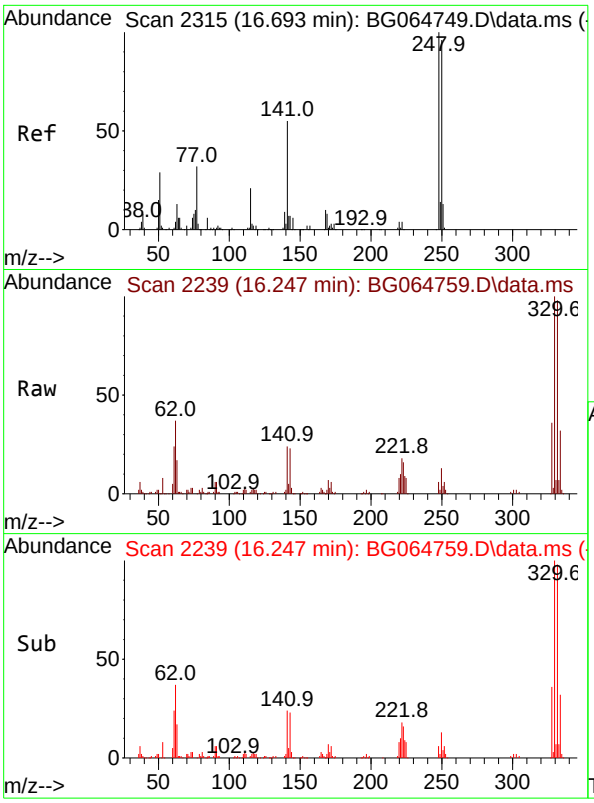


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:188 Resp: 235725

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	6.5	5.4	8.2



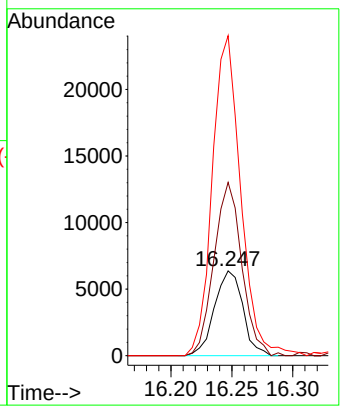


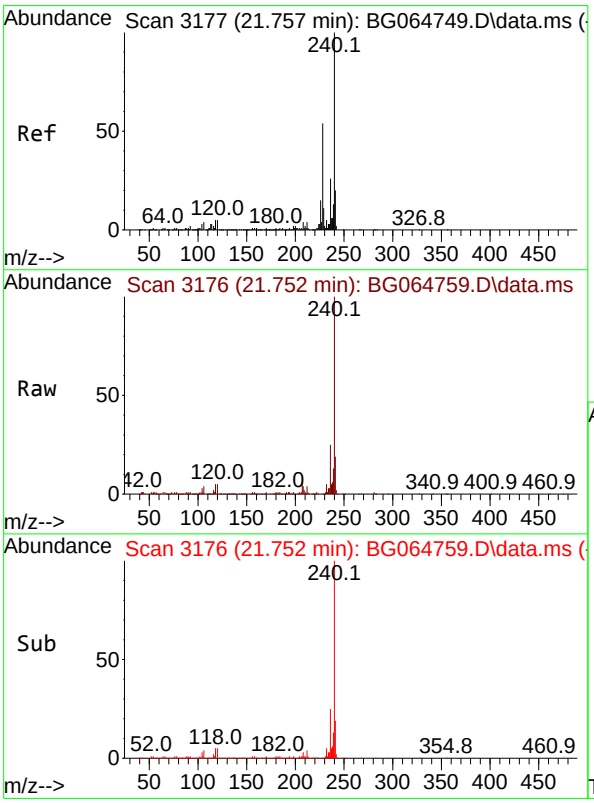
#67
4-Bromophenyl-phenylether
Concen: 3.325 ng
RT: 16.247 min Scan# 2
Delta R.T. -0.446 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10293

Ion	Ratio	Lower	Upper
248	100		
250	150.5	77.0	115.6#
141	278.0	43.7	65.5#

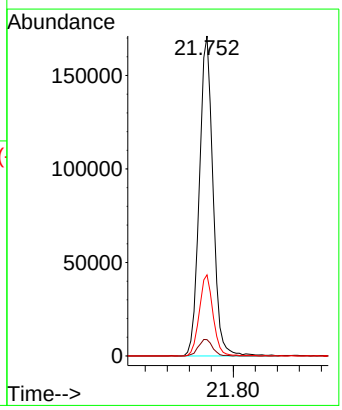


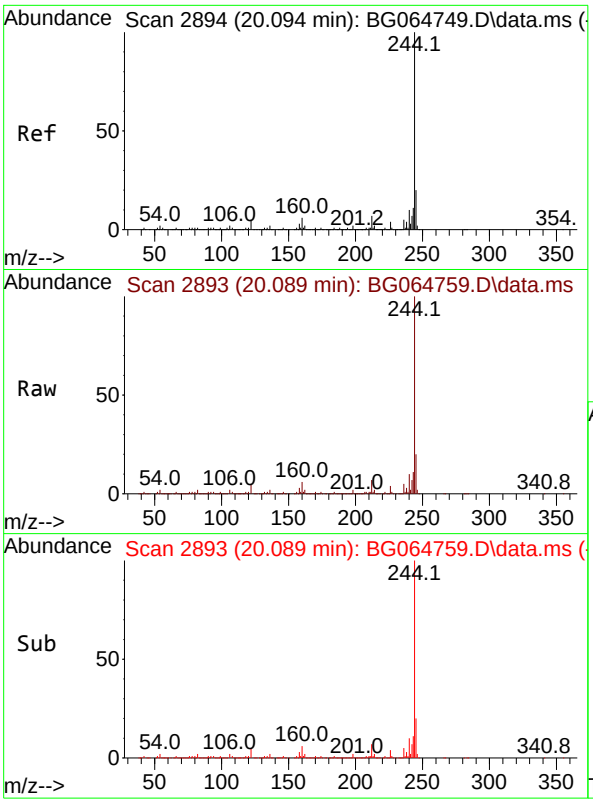


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:240 Resp: 294896

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.2	6.4
236	25.4	20.8	31.2



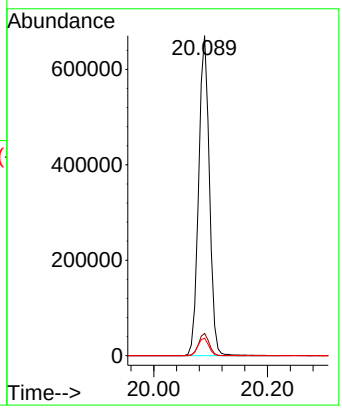


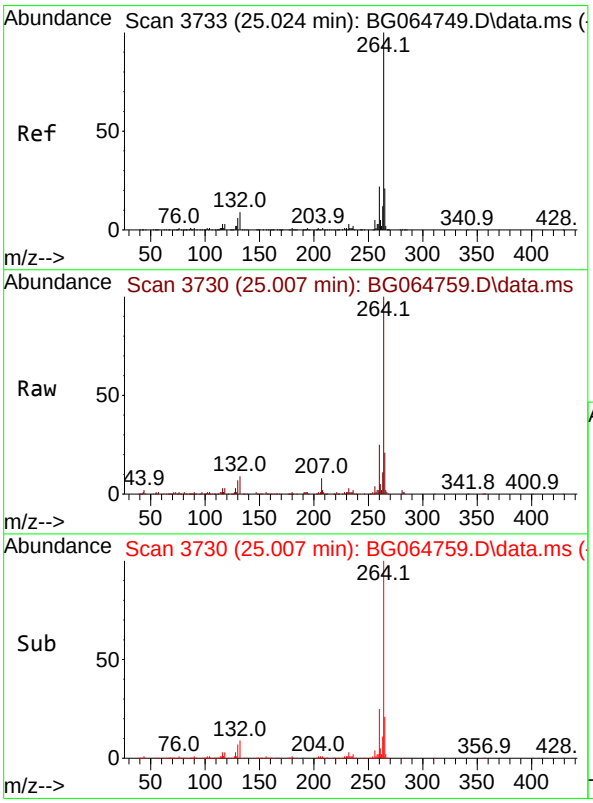
#79
Terphenyl-d14
Concen: 58.676 ng
RT: 20.089 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 879642

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	5.5	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3730
Delta R.T. -0.017 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:264 Resp: 324774

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.2	25.8
265	21.5	16.6	25.0