Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064341.D
Acq On : 10 Sep 2025 20:51
Operator : RC/JU
Sample : Q3054-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 01:19:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	22950	20.000	ng	-0.02
21) Naphthalene-d8	10.634	136	93152	20.000	ng	#-0.02
39) Acenaphthene-d10	14.471	164	67191	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	158913	20.000	ng	#-0.02
76) Chrysene-d12	21.439	240	179051	20.000	ng	#-0.02
86) Perylene-d12	24.436	264	198252	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	103619	81.003	ng	0.00
7) Phenol-d6	7.015	99	141446	80.486	ng	-0.02
23) Nitrobenzene-d5	8.995	82	101502	60.770	ng	-0.02
42) 2,4,6-Tribromophenol	15.958	330	95918	107.776	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	242814	55.159	ng	-0.02
79) Terphenyl-d14	19.830	244	486863	56.731	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.995	70	14418	10.720	ng	# 75
51) 2,6-Dinitrotoluene	14.471	165	9664	9.815	ng	# 16
57) 2,4-Dinitrotoluene	14.471	165	9664	6.492	ng	# 18
63) Azobenzene	15.828	77	14468	2.982	ng	# 6
67) 4-Bromophenyl-phenylether	15.958	248	7013	4.155	ng	# 1
77) Benzidine	19.830	184	9638	2.559	ng	# 95

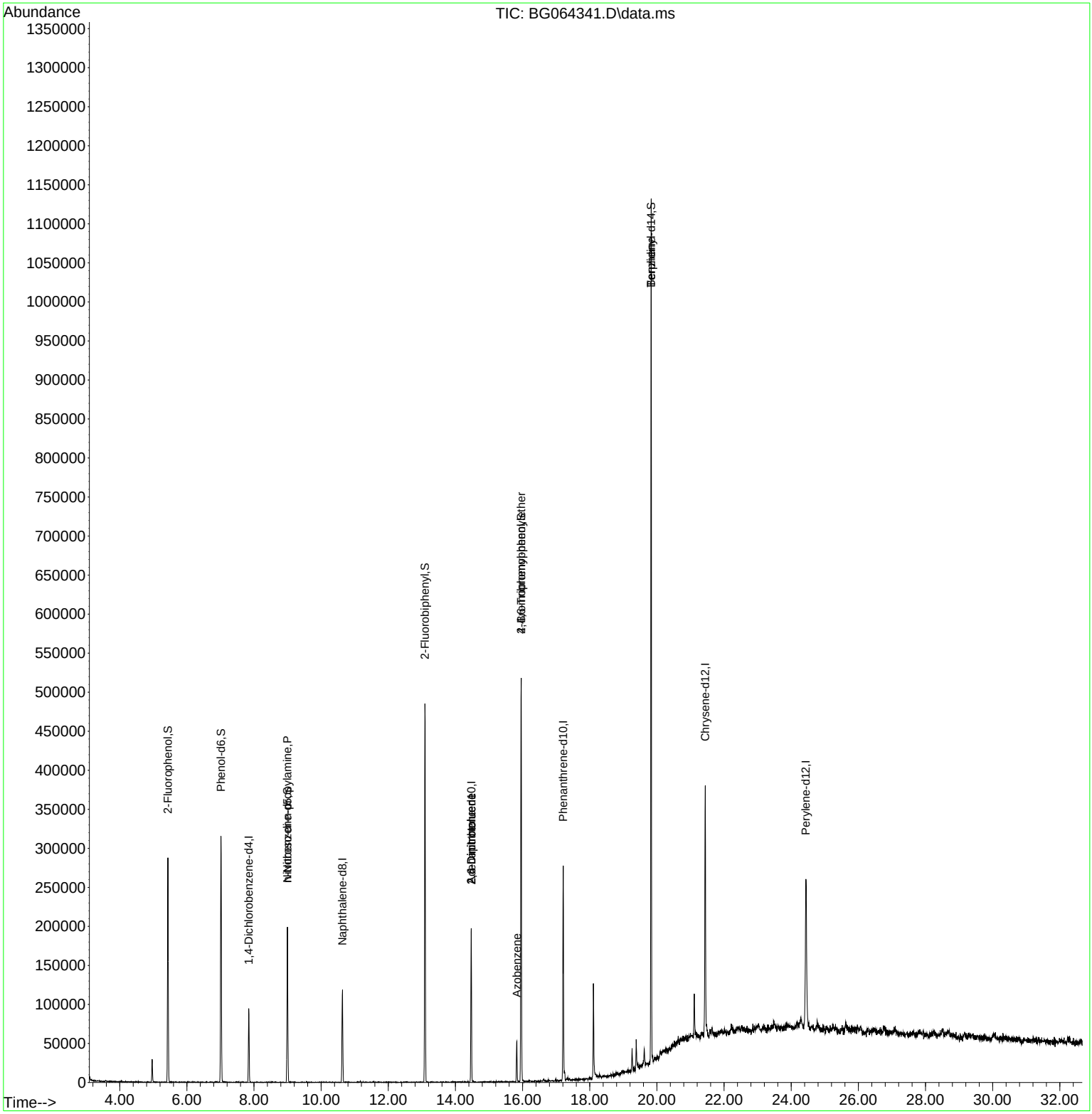
(#) = qualifier out of range (m) = manual integration (+) = signals summed

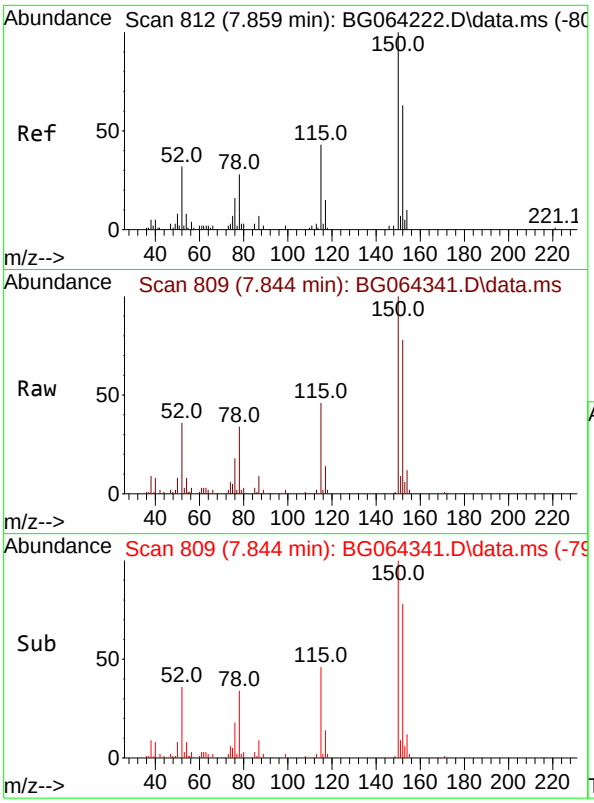
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064341.D
Acq On : 10 Sep 2025 20:51
Operator : RC/JU
Sample : Q3054-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 01:19:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



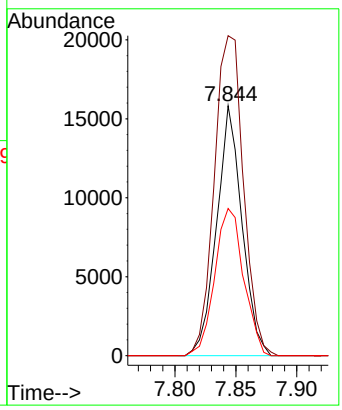


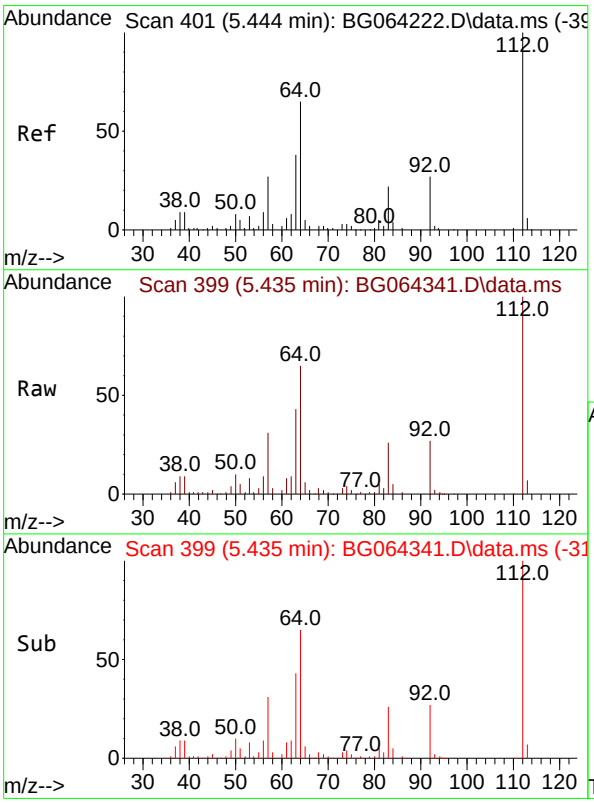
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 22950

Ion	Ratio	Lower	Upper
152	100		
150	128.0	128.0	192.0
115	58.9	55.7	83.5

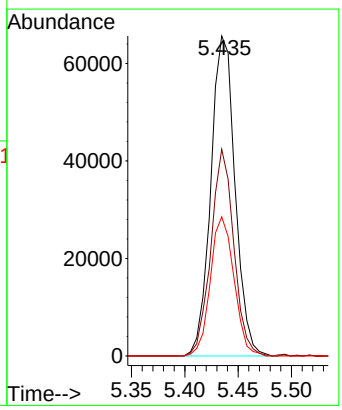


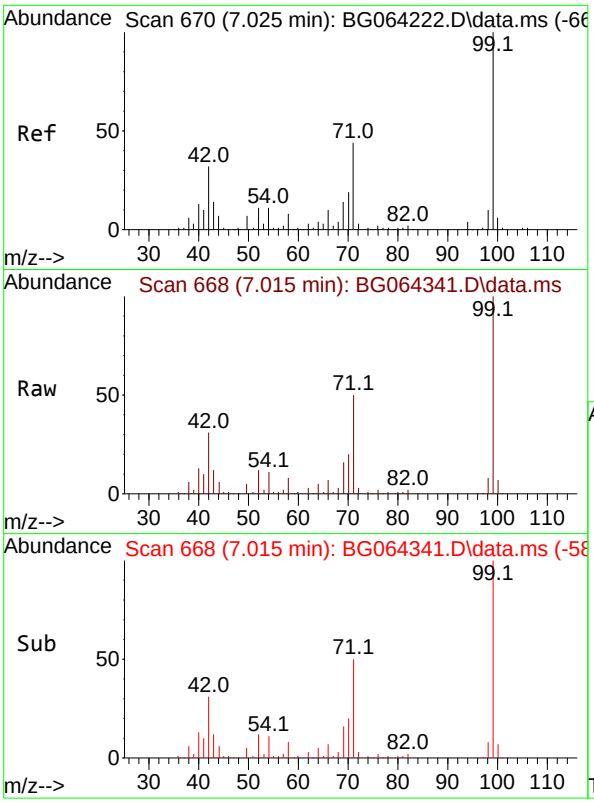


#5
2-Fluorophenol
Concen: 81.003 ng
RT: 5.435 min Scan# 399
Delta R.T. -0.010 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion:112 Resp: 103619

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.8	77.6
63	43.5	30.6	45.8



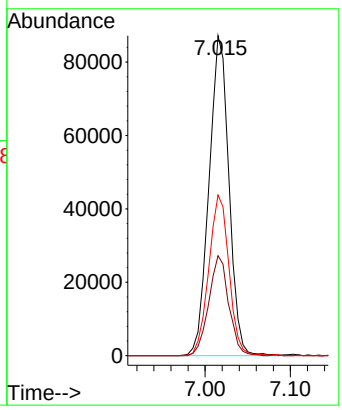


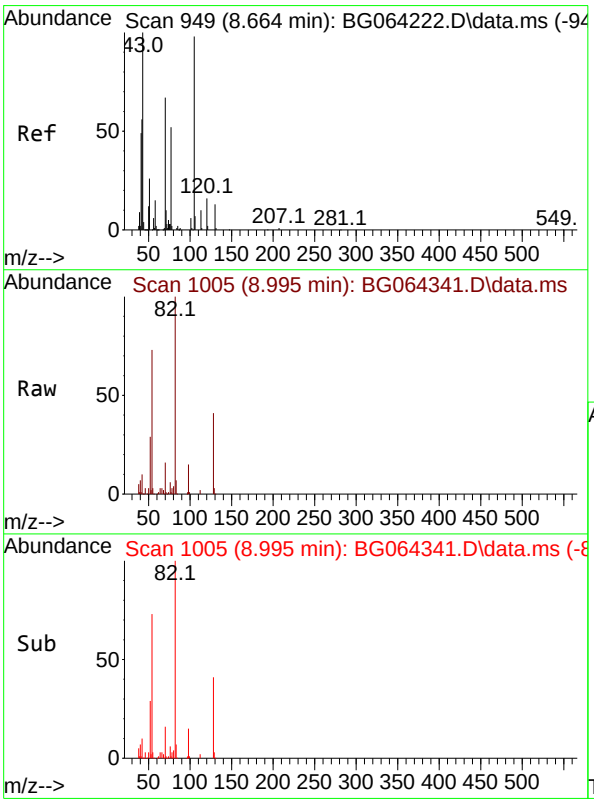
#7
Phenol-d6
Concen: 80.486 ng
RT: 7.015 min Scan# 6
Delta R.T. -0.016 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 141446

Ion	Ratio	Lower	Upper
99	100		
42	31.2	25.8	38.8
71	50.2	35.2	52.8

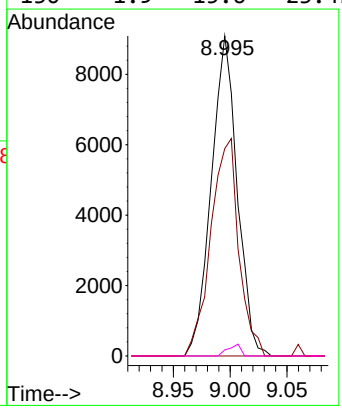


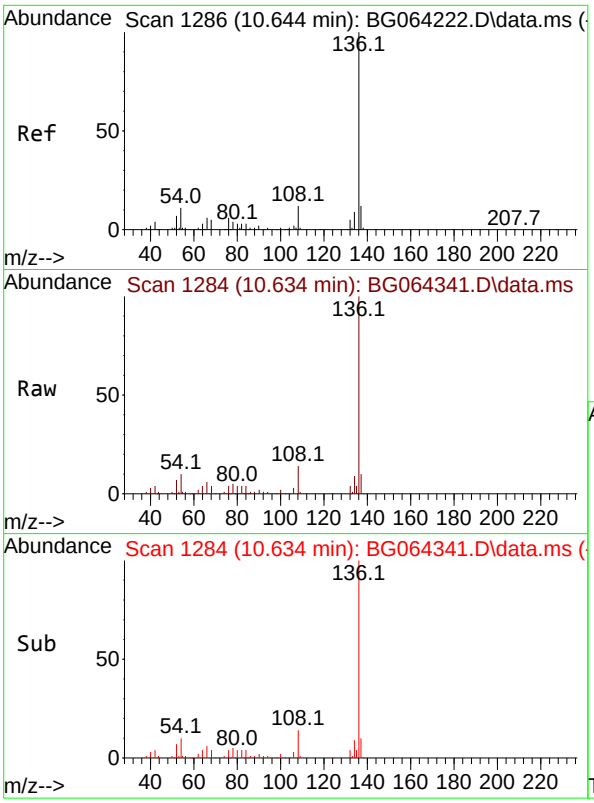


#19
n-Nitroso-di-n-propylamine
Concen: 10.720 ng
RT: 8.995 min Scan# 1005
Delta R.T. 0.331 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion: 70 Resp: 14418

Ion	Ratio	Lower	Upper
70	100		
42	64.8	67.9	101.9#
101	0.0	7.3	10.9#
130	1.9	15.6	23.4#



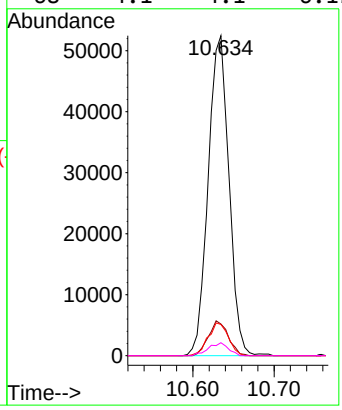


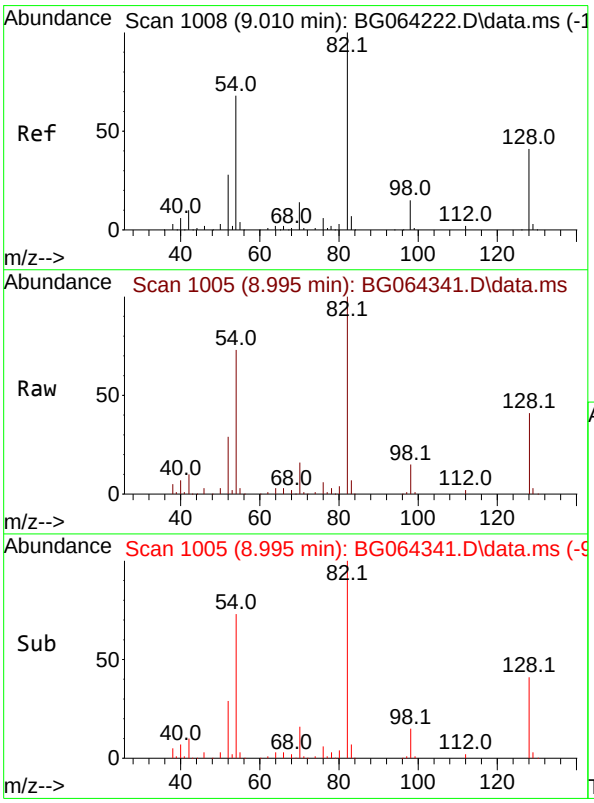
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 93152

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	9.8	8.8	13.2
68	4.1	4.1	6.1#

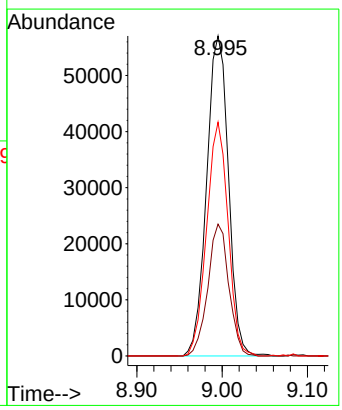


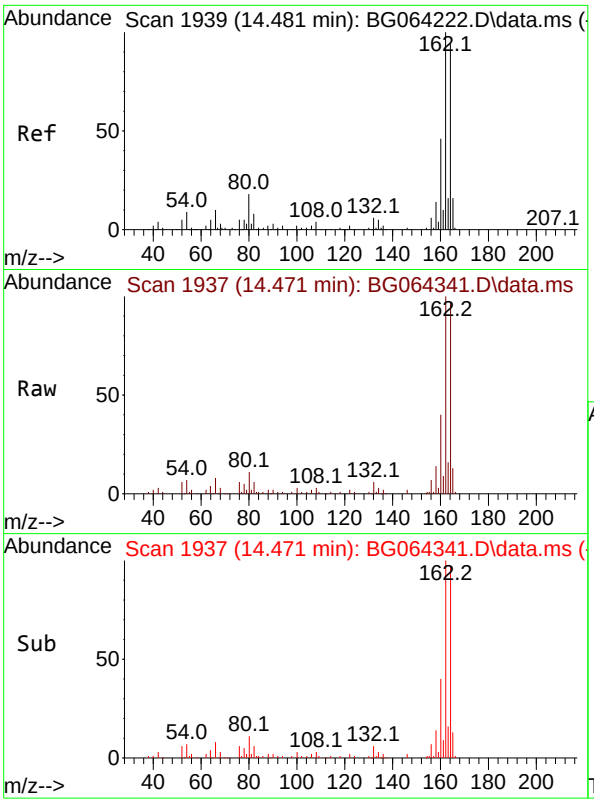


#23
Nitrobenzene-d5
Concen: 60.770 ng
RT: 8.995 min Scan# 1005
Delta R.T. -0.021 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion: 82 Resp: 101502

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	48.8
54	73.0	54.7	82.1



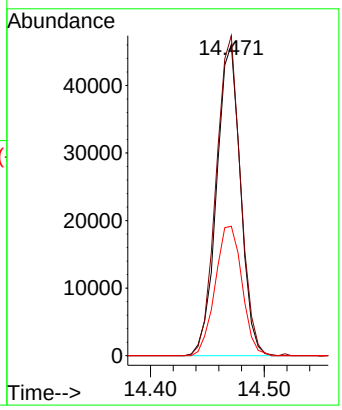


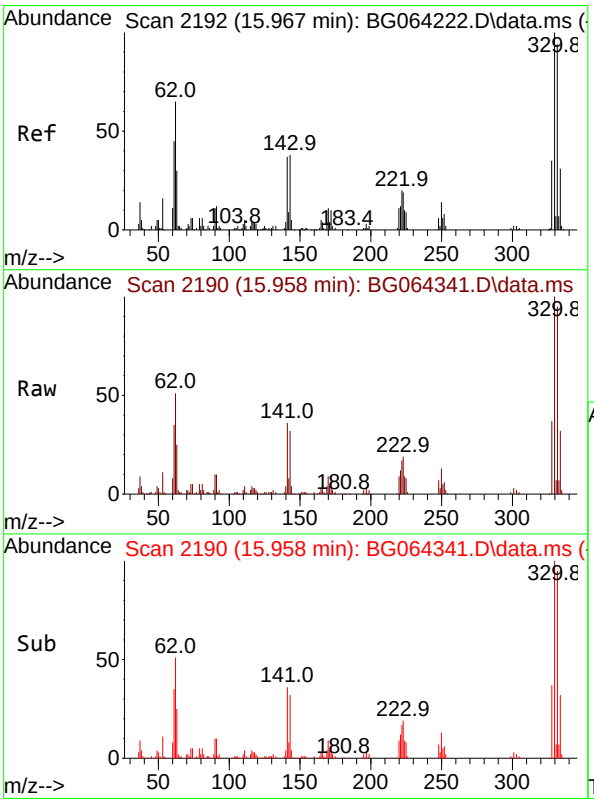
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 67191

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.4	128.0
160	41.6	39.2	58.8

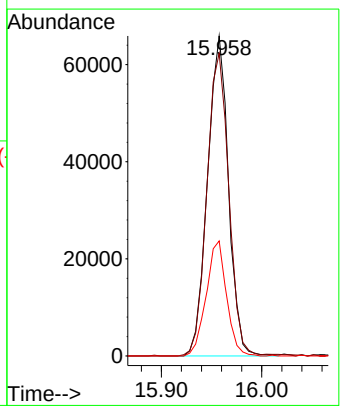


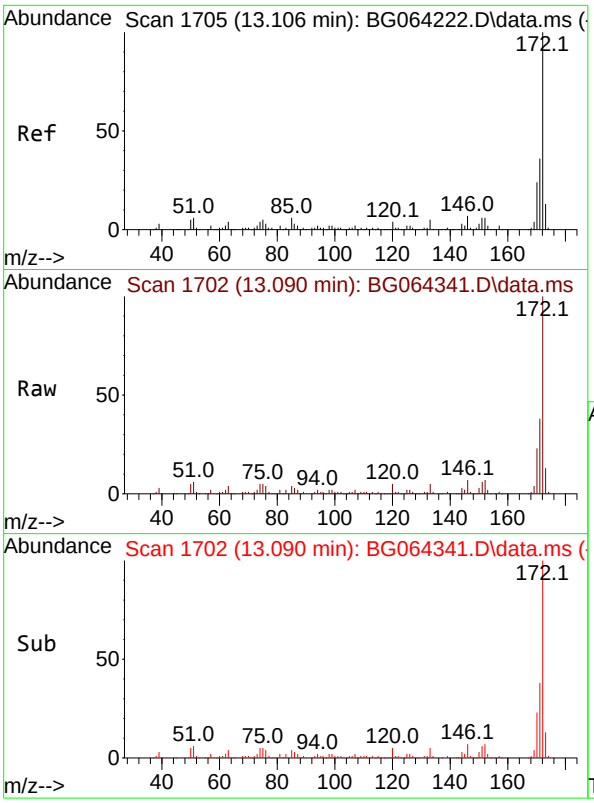


#42
2,4,6-Tribromophenol
Concen: 107.776 ng
RT: 15.958 min Scan# 2190
Delta R.T. -0.016 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion:330 Resp: 95918

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.6	116.4
141	34.9	29.8	44.6



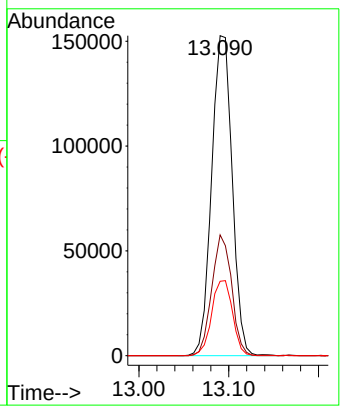


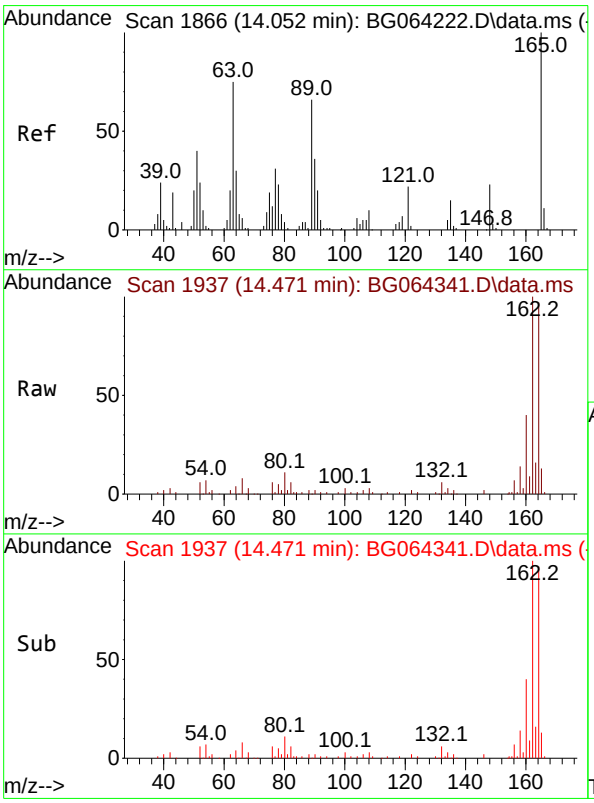
#45
2-Fluorobiphenyl
Concen: 55.159 ng
RT: 13.090 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 242814

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	23.2	19.0	28.6

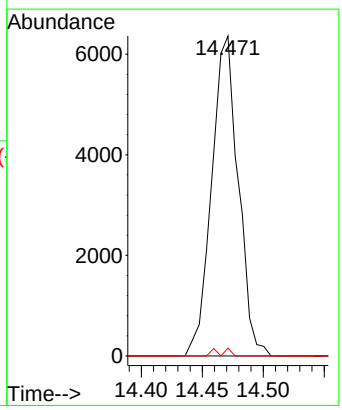


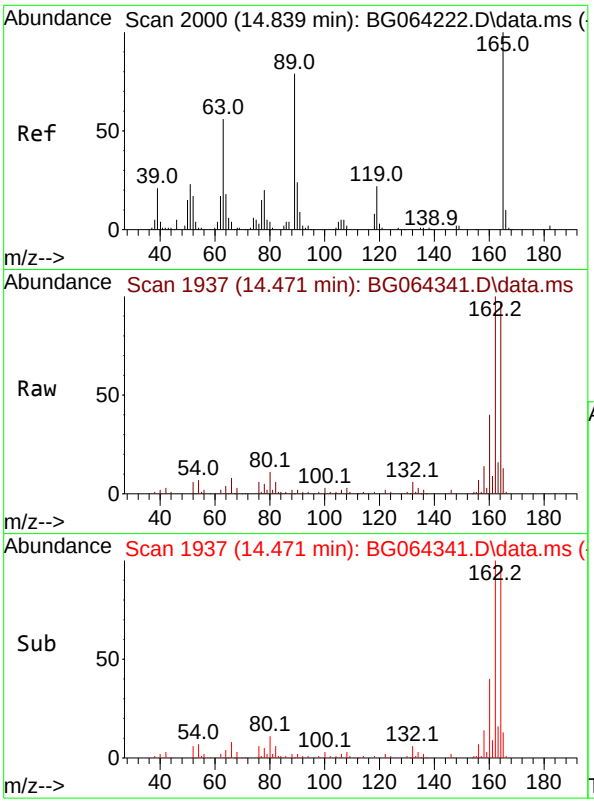


#51
2,6-Dinitrotoluene
Concen: 9.815 ng
RT: 14.471 min Scan# 1937
Delta R.T. 0.413 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion:165 Resp: 9664

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.3	90.5#
89	2.5	52.9	79.3#



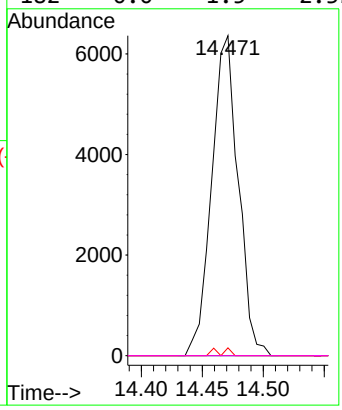


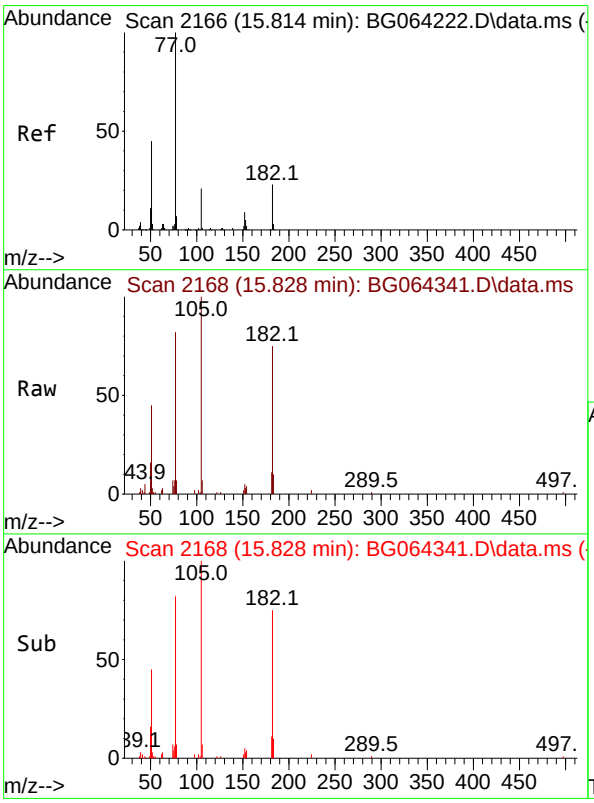
#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 14.471 min Scan# 1
Delta R.T. -0.374 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9664

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	2.5	63.0	94.4#
182	0.0	1.5	2.3#

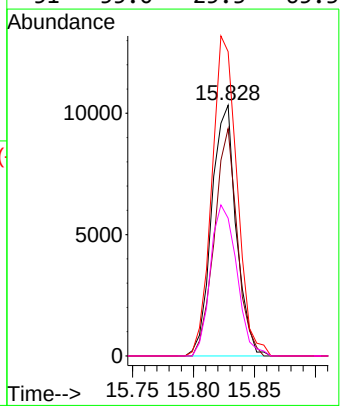


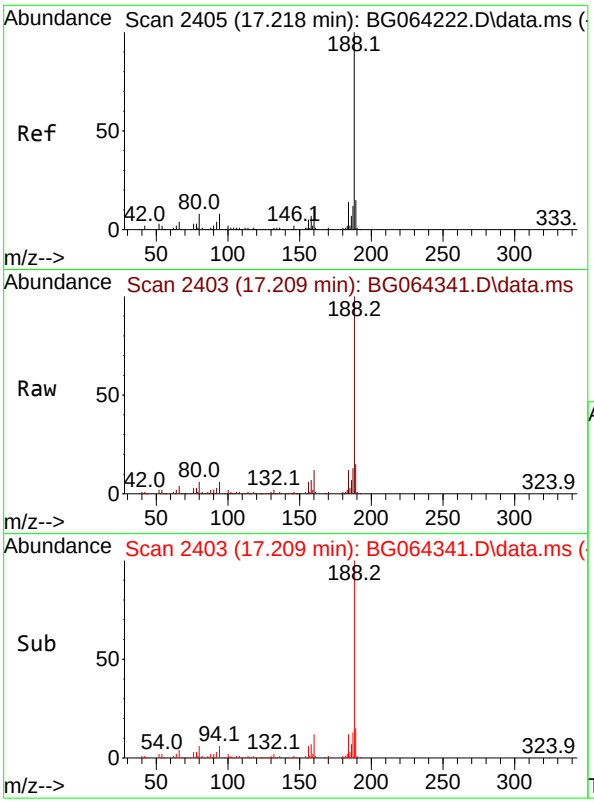


#63
Azobenzene
Concen: 2.982 ng
RT: 15.828 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion: 77 Resp: 14468

Ion	Ratio	Lower	Upper
77	100		
182	90.7	3.3	43.3#
105	121.4	0.6	40.6#
51	55.0	25.3	65.3



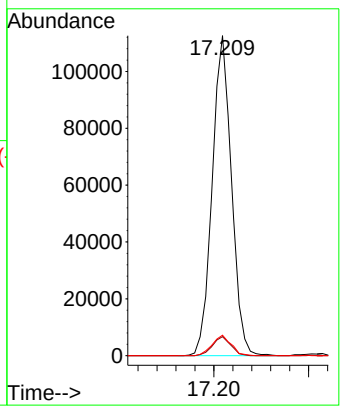


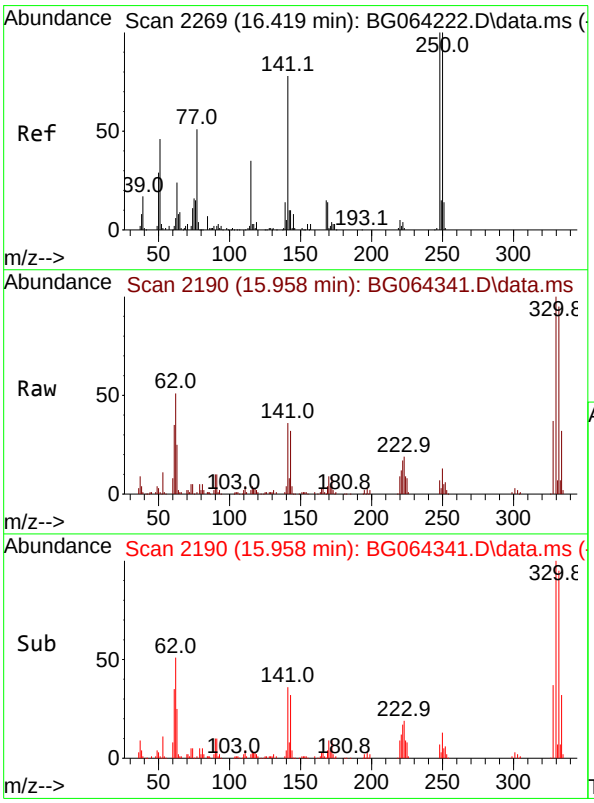
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 24
Delta R.T. -0.016 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 158913

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.2	9.4#
80	6.4	6.8	10.2#

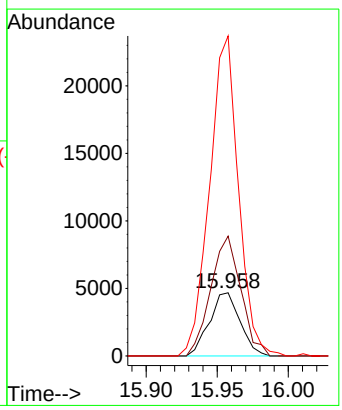


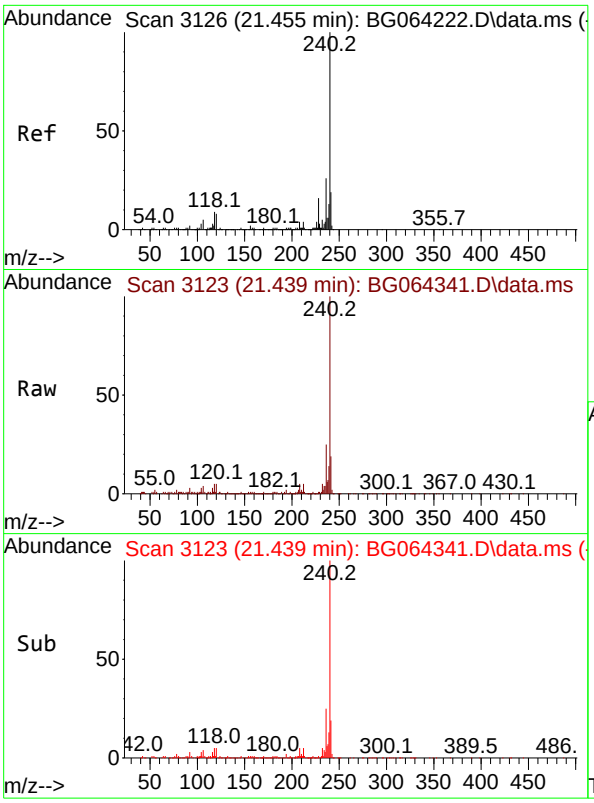


#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 15.958 min Scan# 2190
Delta R.T. -0.462 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion:248 Resp: 7013

Ion	Ratio	Lower	Upper
248	100		
250	189.8	80.2	120.4#
141	506.4	62.4	93.6#



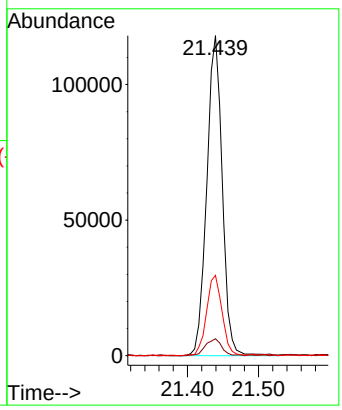


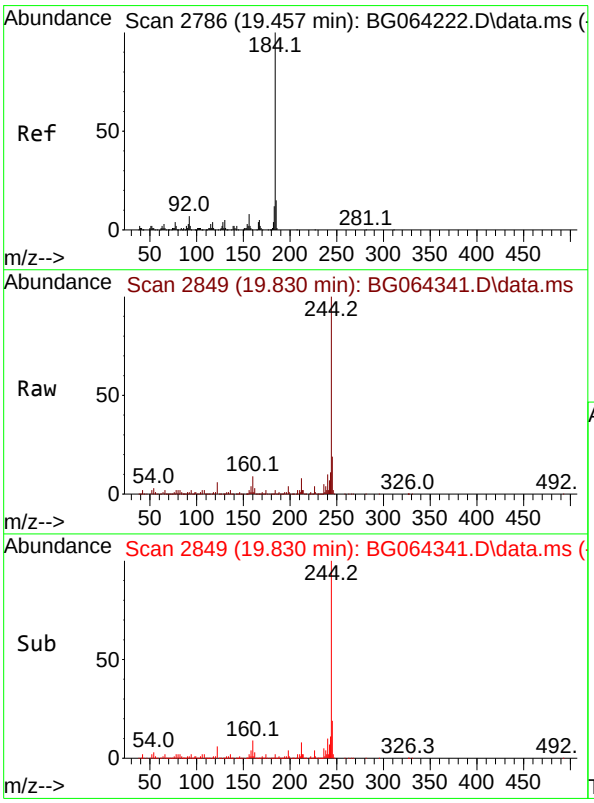
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.016 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 179051

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.2	9.4#
236	25.1	20.5	30.7

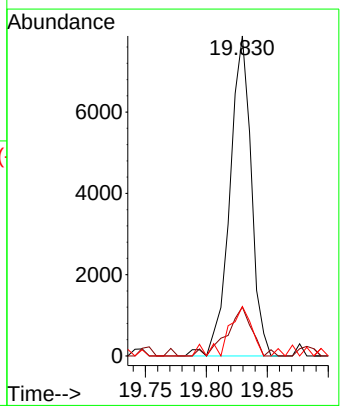


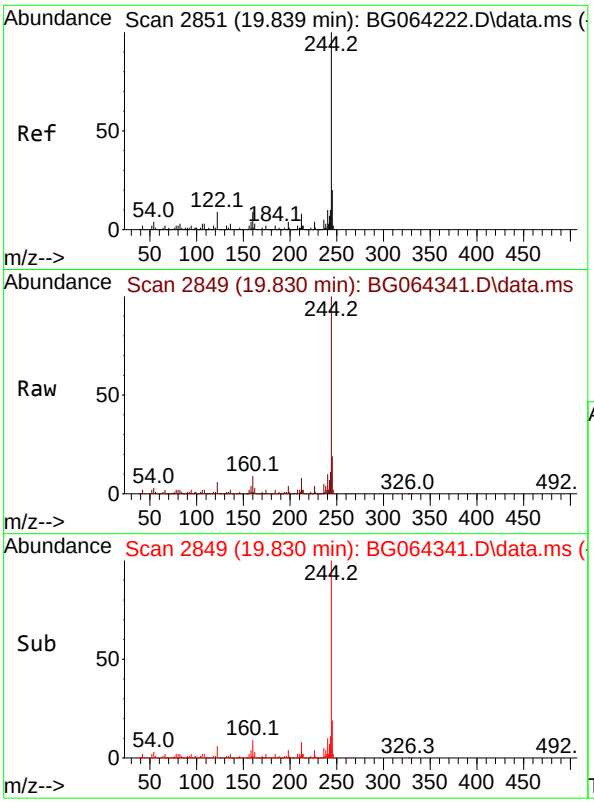


#77
Benzidine
Concen: 2.559 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.372 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion:184 Resp: 9638

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.7	17.5
183	15.5	9.7	14.5#



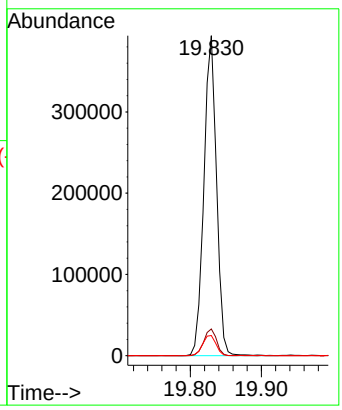


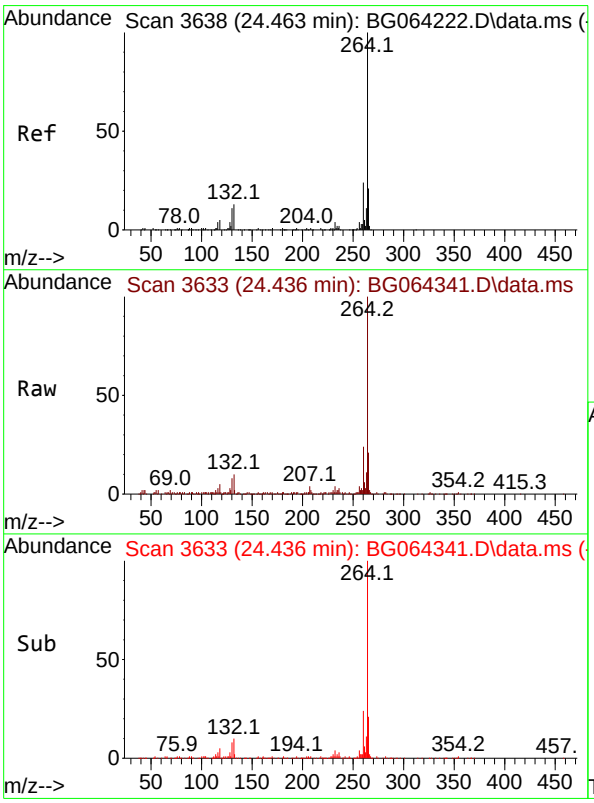
#79
Terphenyl-d14
Concen: 56.731 ng
RT: 19.830 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 486863

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.3	7.0	10.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.436 min Scan# 3633
Delta R.T. -0.027 min
Lab File: BG064341.D
Acq: 10 Sep 2025 20:51

Tgt Ion:264 Resp: 198252

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.4	16.7	25.1