Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064432.D
Acq On : 23 Sep 2025 2:30
Operator : RC/JU
Sample : Q3135-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 23 03:53:38 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	7.838	152	15997	20.000	ng	-0.02
21) Naphthalene-d8	10.623	136	62473	20.000	ng	#-0.03
39) Acenaphthene-d10	14.459	164	48564	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	124373	20.000	ng	#-0.02
76) Chrysene-d12	21.428	240	149935	20.000	ng	-0.03
86) Perylene-d12	24.430	264	164471	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	60446	67.791	ng	-0.02
7) Phenol-d6	7.009	99	45847	37.427	ng	-0.02
23) Nitrobenzene-d5	8.989	82	134388	119.970	ng	-0.03
42) 2,4,6-Tribromophenol	15.952	330	152381	236.892	ng	-0.02
45) 2-Fluorobiphenyl	13.084	172	373102	117.265	ng	-0.03
79) Terphenyl-d14	19.824	244	870579	121.141	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.989	70	20731	22.113	ng	# 76
51) 2,6-Dinitrotoluene	14.465	165	7023	9.869	ng	# 14
57) 2,4-Dinitrotoluene	14.465	165	7023	6.527	ng	# 17
67) 4-Bromophenyl-phenylether	15.952	248	10516	7.961	ng	# 1
77) Benzidine	19.824	184	16901	5.358	ng	# 89

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

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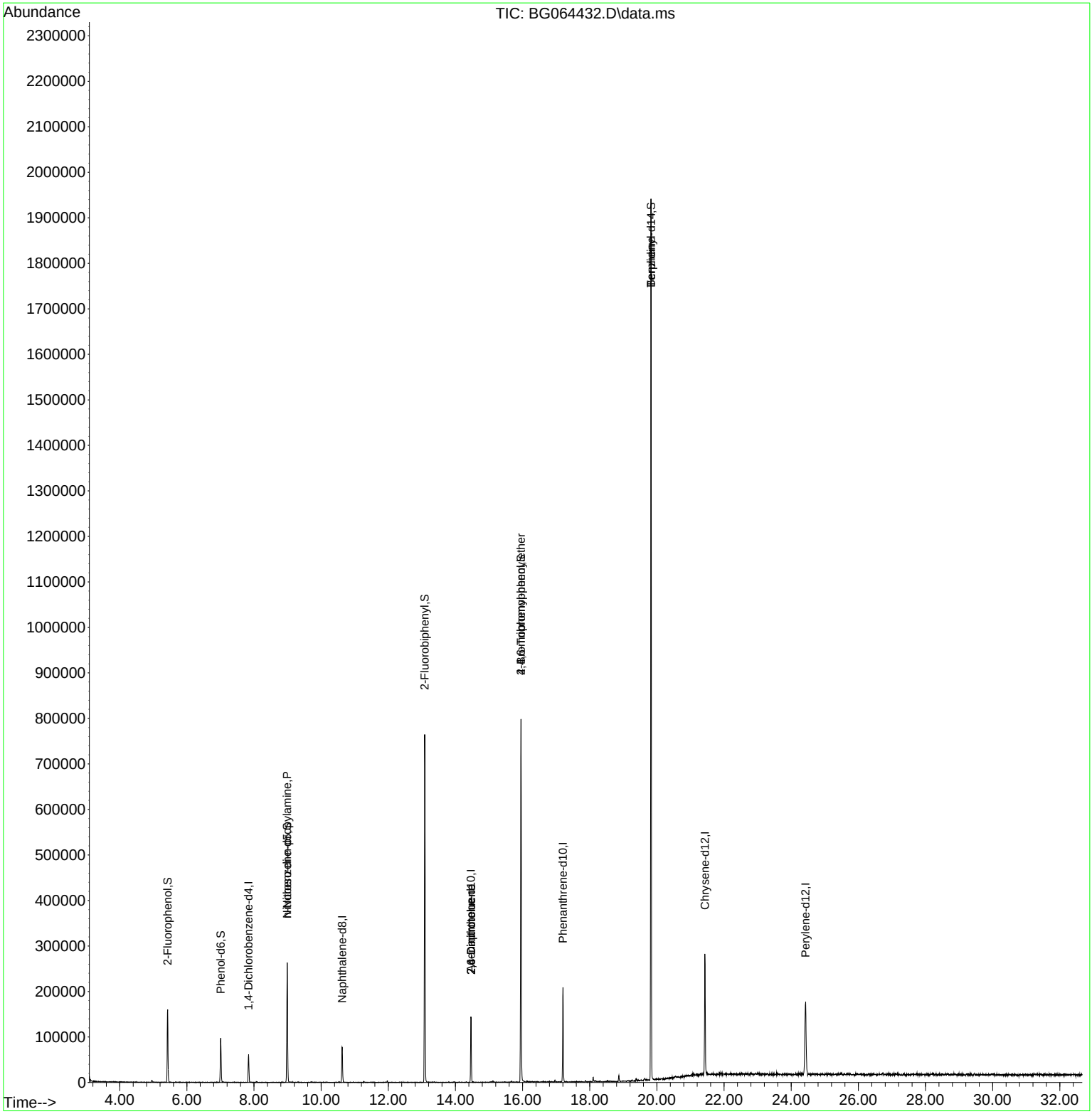
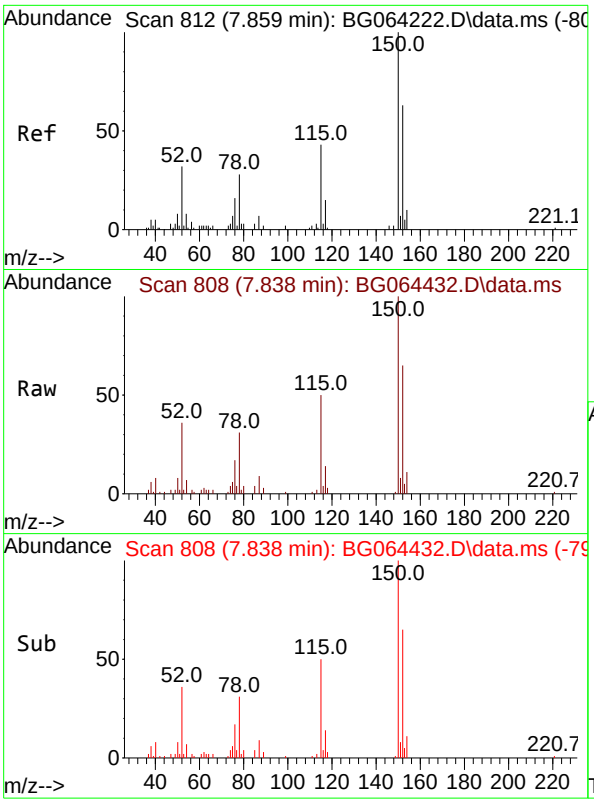


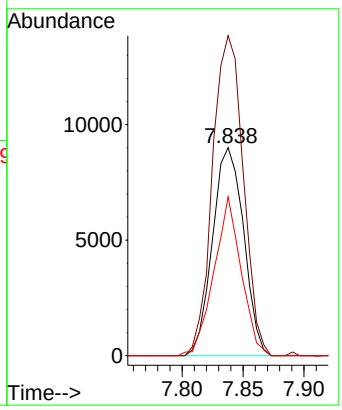


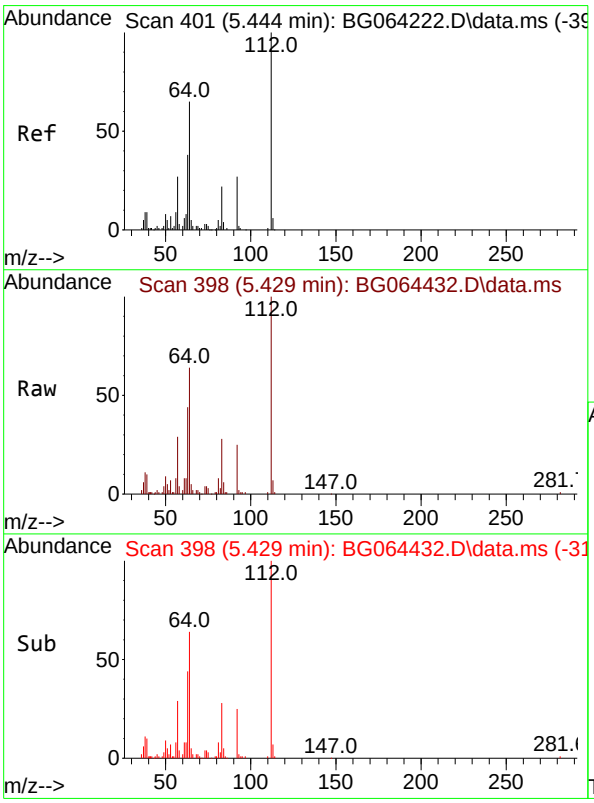
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 15997

Ion	Ratio	Lower	Upper
152	100		
150	153.9	128.0	192.0
115	76.3	55.7	83.5

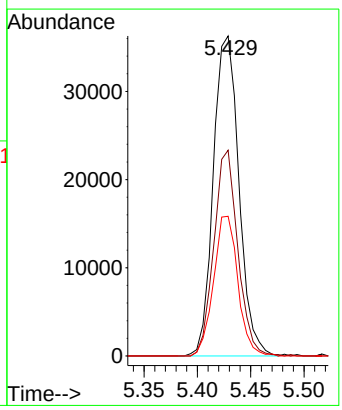


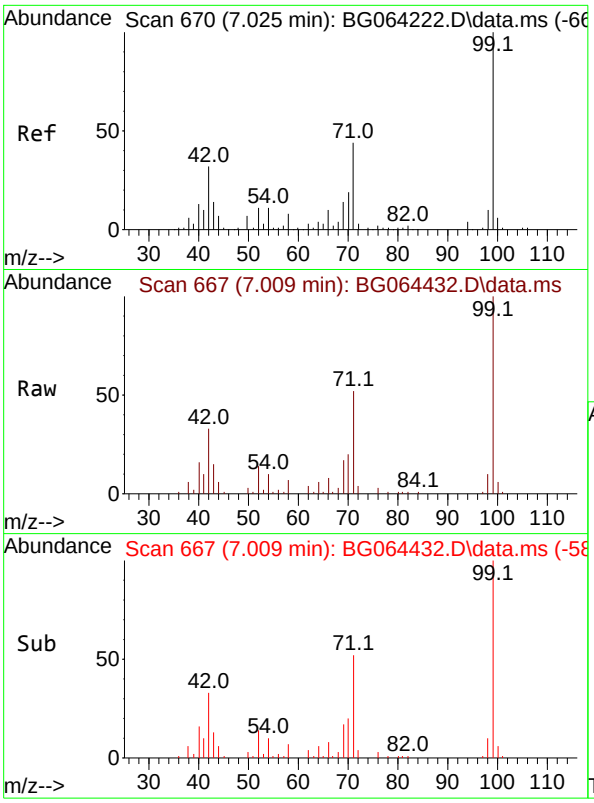


#5
2-Fluorophenol
Concen: 67.791 ng
RT: 5.429 min Scan# 398
Delta R.T. -0.016 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion:112 Resp: 60446

Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.8	77.6
63	43.7	30.6	45.8



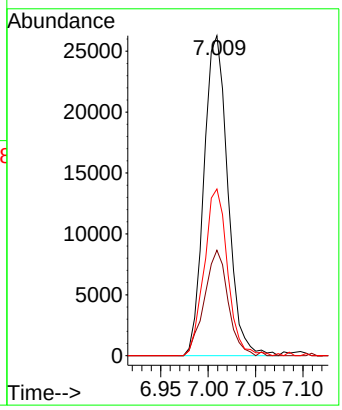


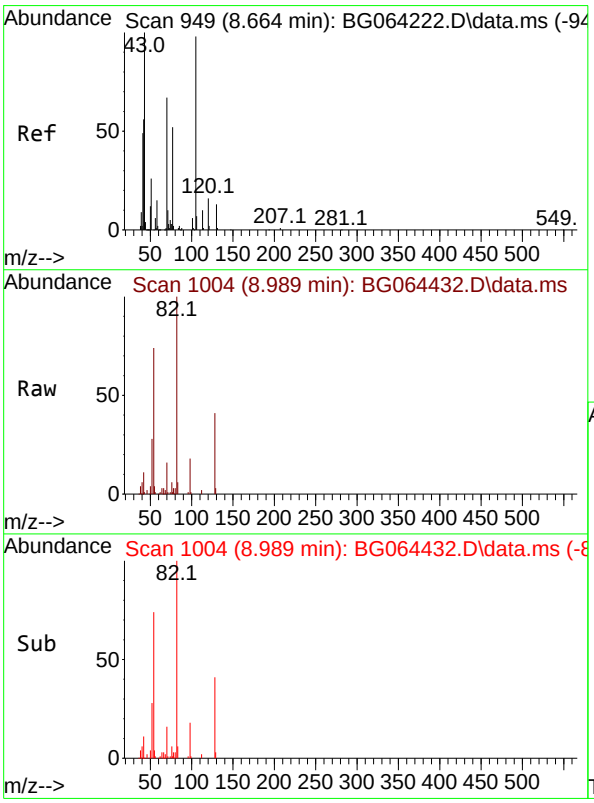
#7
Phenol-d6
Concen: 37.427 ng
RT: 7.009 min Scan# 6
Delta R.T. -0.021 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 45847

Ion	Ratio	Lower	Upper
99	100		
42	32.9	25.8	38.8
71	52.1	35.2	52.8

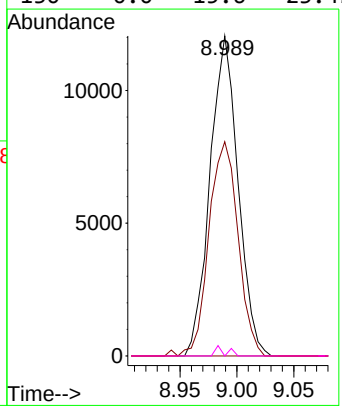


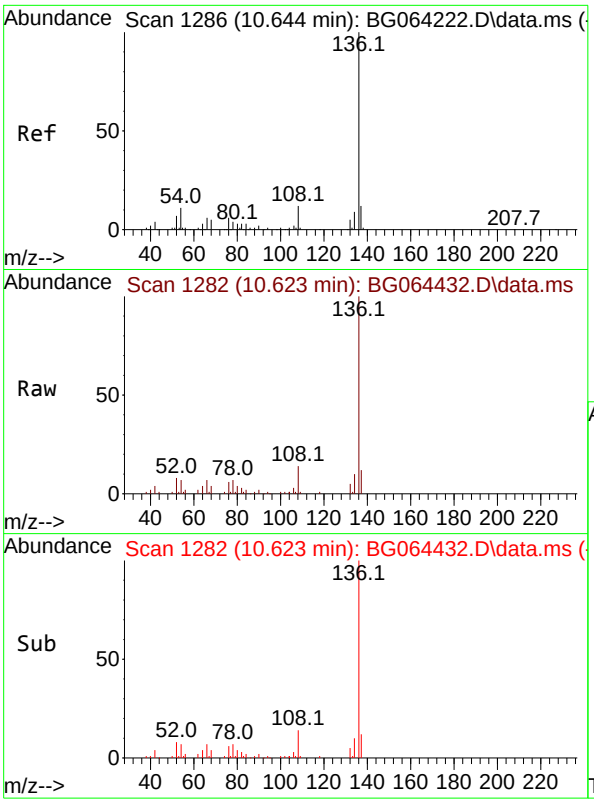


#19
n-Nitroso-di-n-propylamine
Concen: 22.113 ng
RT: 8.989 min Scan# 1004
Delta R.T. 0.325 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion: 70 Resp: 20731

Ion	Ratio	Lower	Upper
70	100		
42	67.0	67.9	101.9#
101	0.0	7.3	10.9#
130	0.0	15.6	23.4#



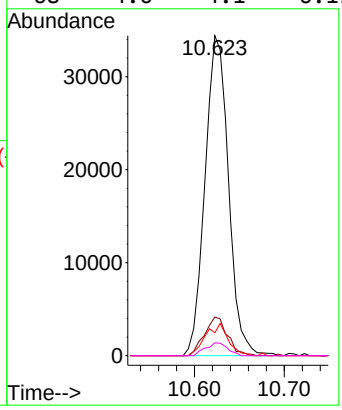


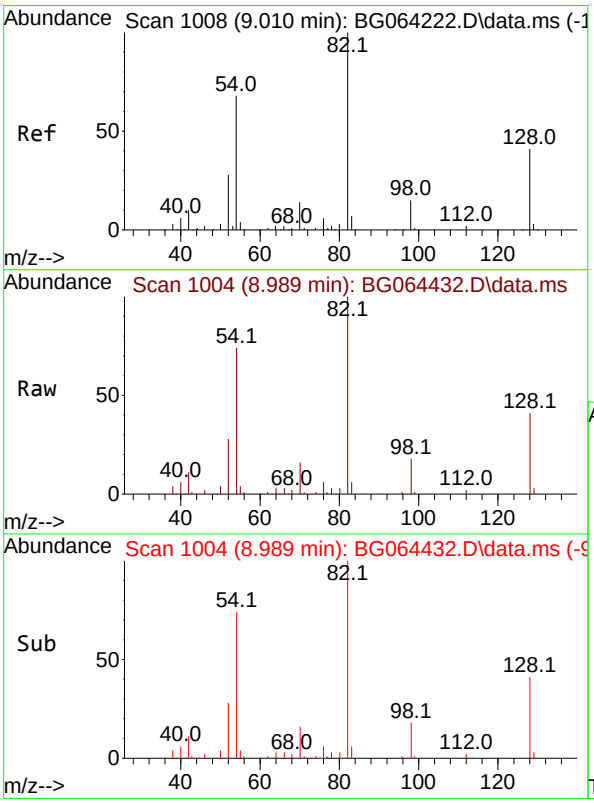
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 62473

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	7.1	8.8	13.2#
68	4.0	4.1	6.1#

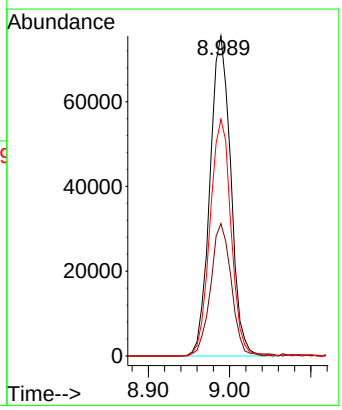


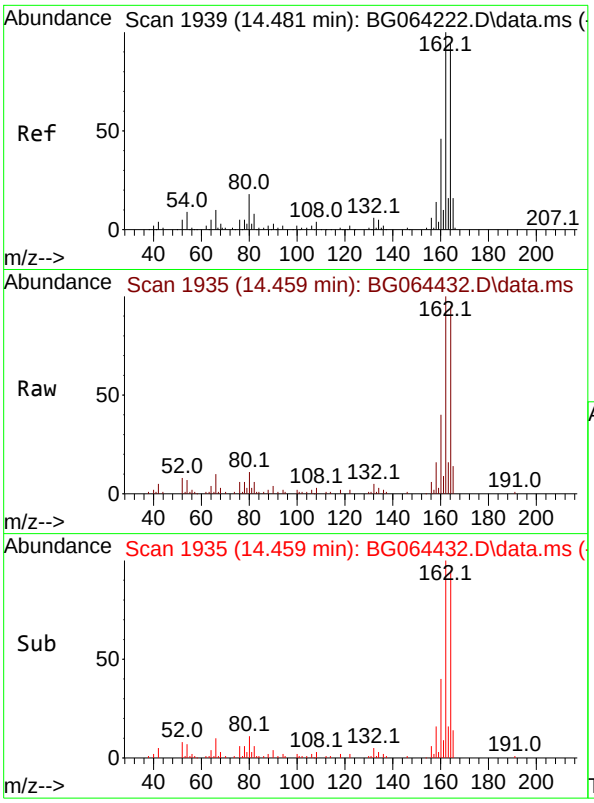


#23
Nitrobenzene-d5
Concen: 119.970 ng
RT: 8.989 min Scan# 1004
Delta R.T. -0.027 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion: 82 Resp: 134388

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.6	48.8
54	73.9	54.7	82.1



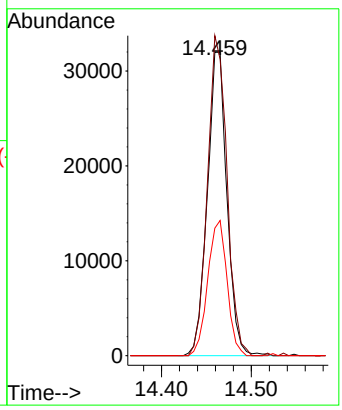


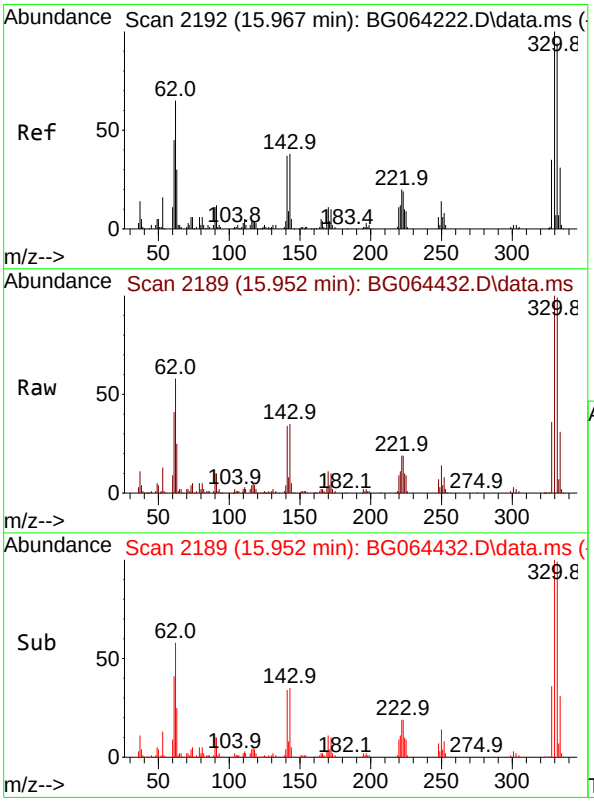
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 48564

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.0
160	42.0	39.2	58.8

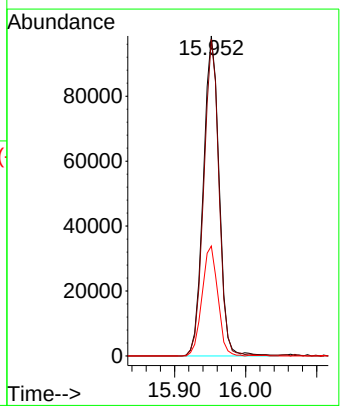


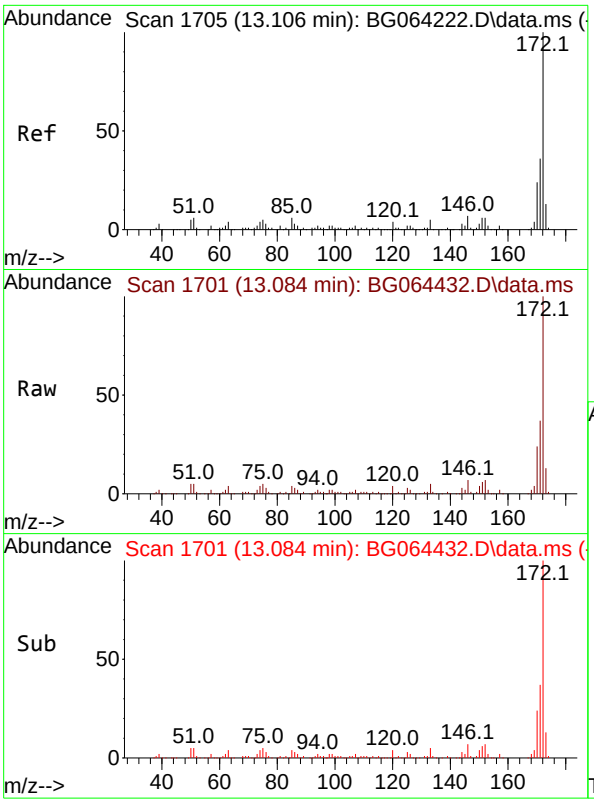


#42
2,4,6-Tribromophenol
Concen: 236.892 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.021 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion:330 Resp: 152381

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.6	116.4
141	34.3	29.8	44.6



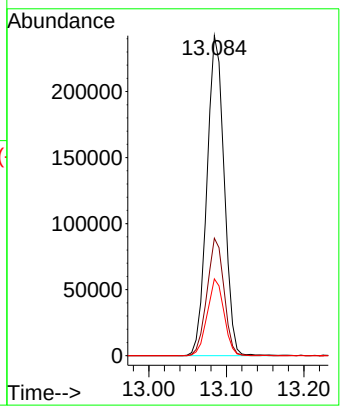


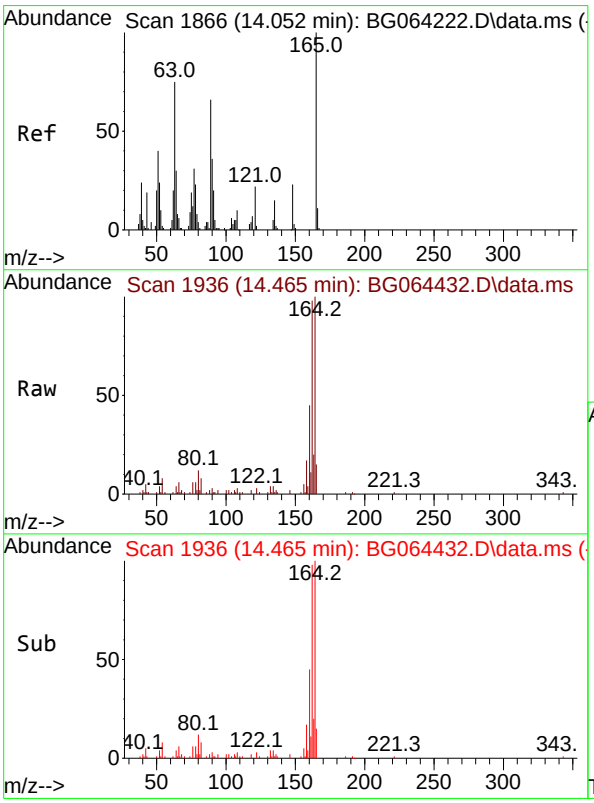
#45
2-Fluorobiphenyl
Concen: 117.265 ng
RT: 13.084 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 373102

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	24.0	19.0	28.6

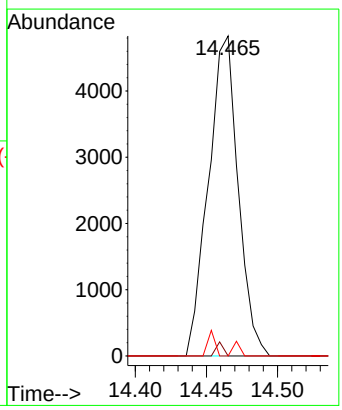


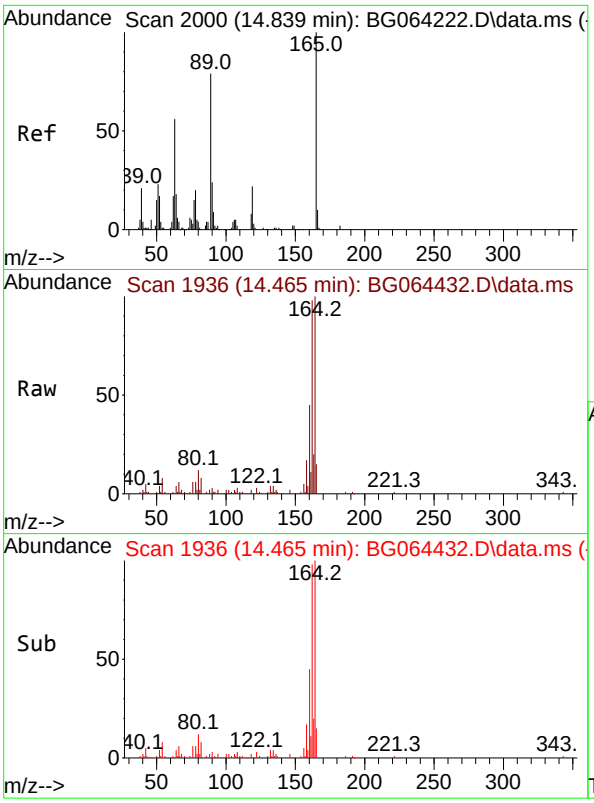


#51
2,6-Dinitrotoluene
Concen: 9.869 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.407 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion:165 Resp: 7023

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



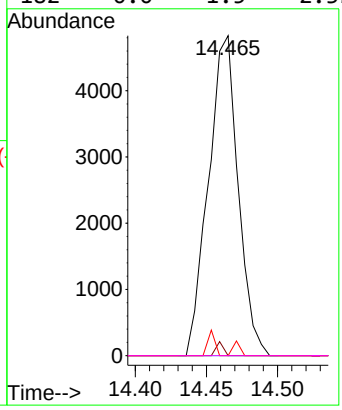


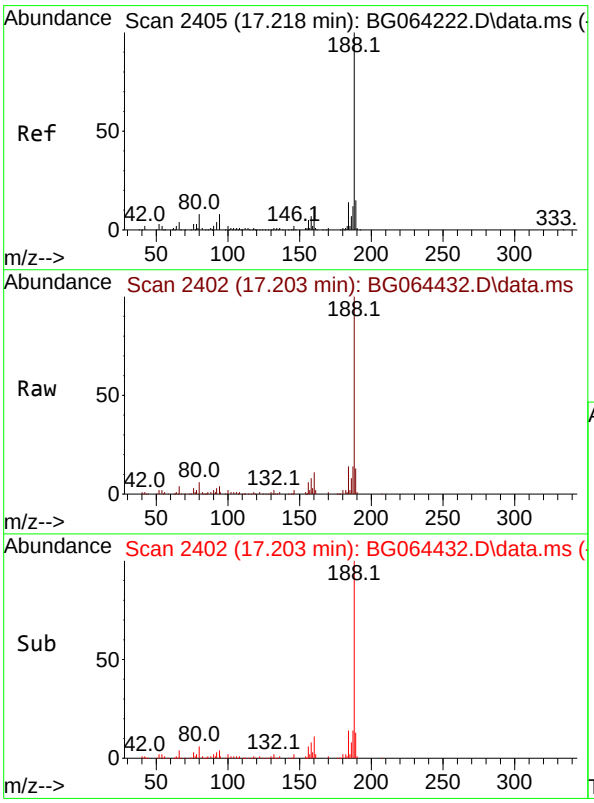
#57
2,4-Dinitrotoluene
Concen: 6.527 ng
RT: 14.465 min Scan# 1
Delta R.T. -0.380 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 7023

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

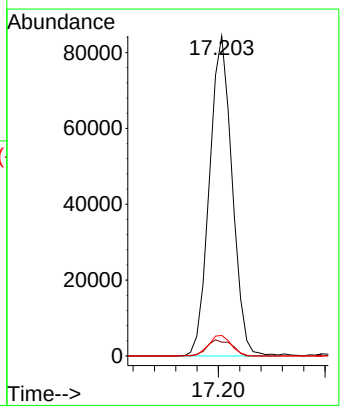


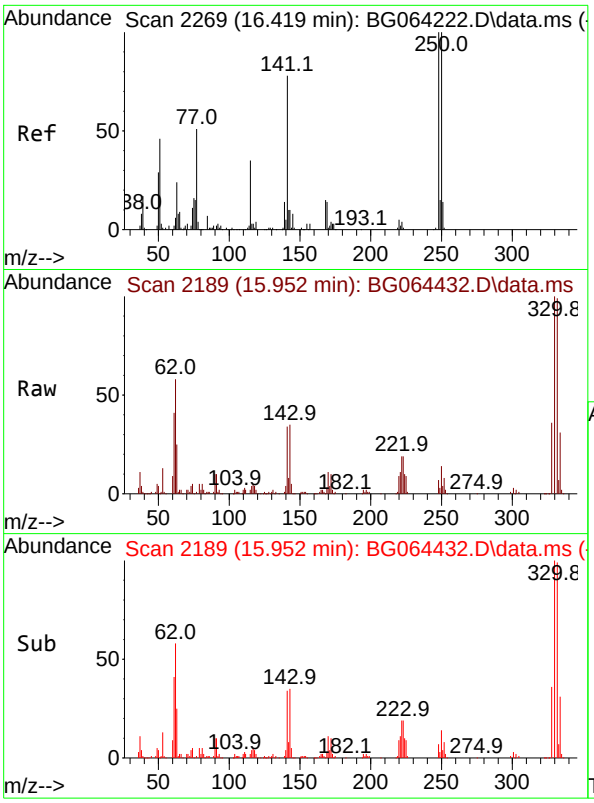


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion:188 Resp: 124373

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.2	9.4#
80	6.4	6.8	10.2#



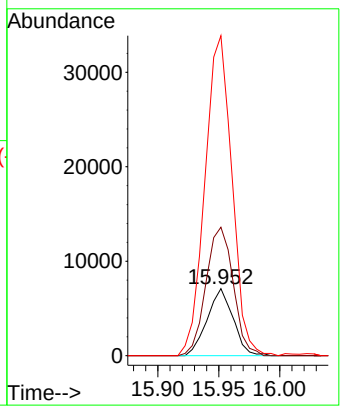


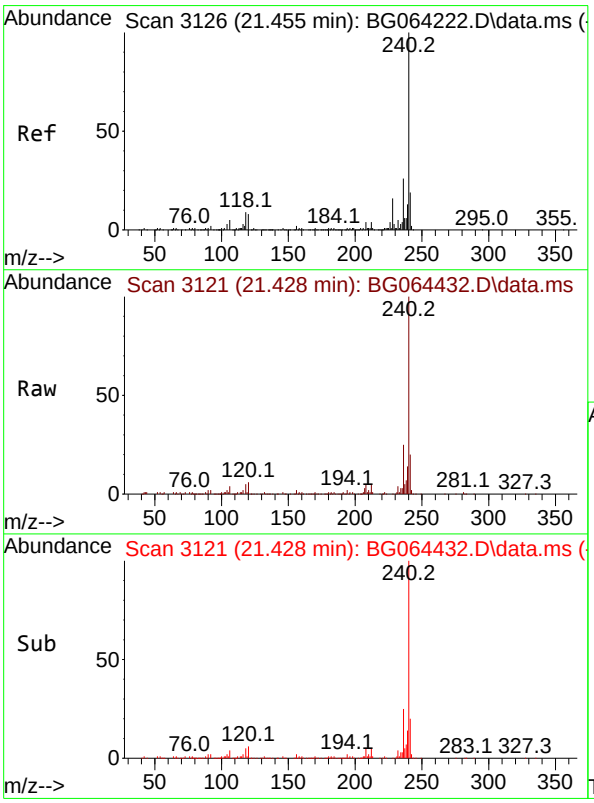
#67
4-Bromophenyl-phenylether
Concen: 7.961 ng
RT: 15.952 min Scan# 21
Delta R.T. -0.468 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10516

Ion	Ratio	Lower	Upper
248	100		
250	191.7	80.2	120.4#
141	477.7	62.4	93.6#

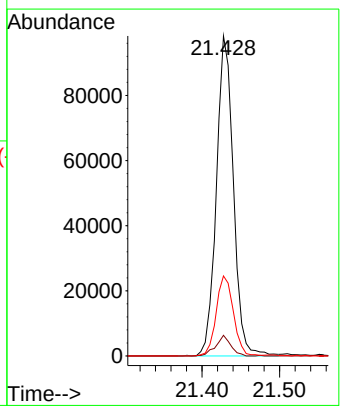


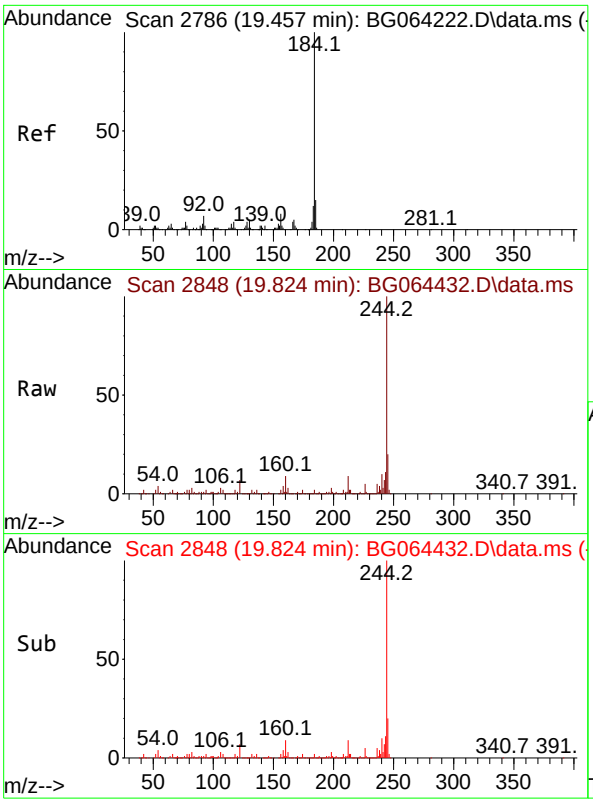


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.027 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion:240 Resp: 149935

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.2	9.4
236	25.0	20.5	30.7



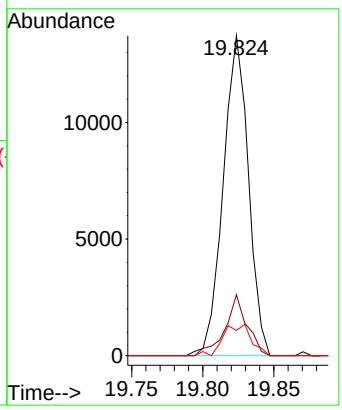


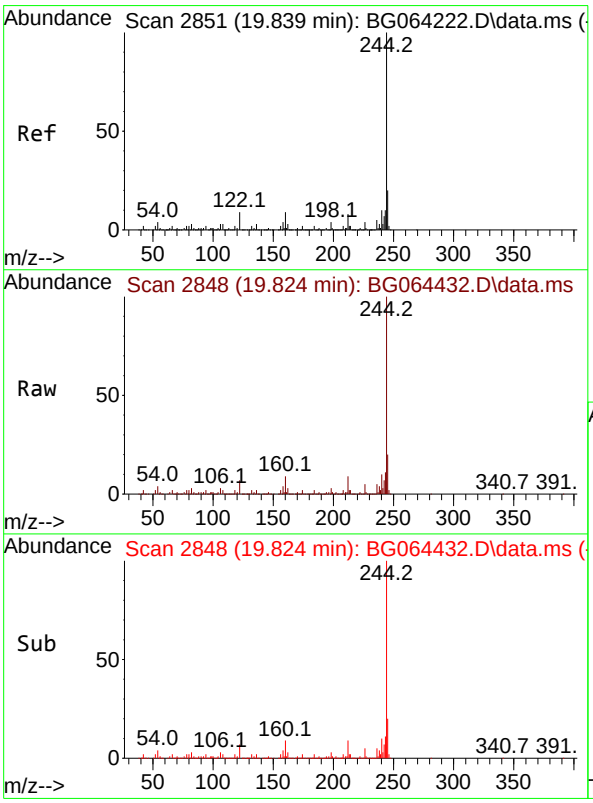
#77
Benzidine
Concen: 5.358 ng
RT: 19.824 min Scan# 2
Delta R.T. 0.366 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 16901

Ion	Ratio	Lower	Upper
184	100		
185	19.1	11.7	17.5#
183	7.9	9.7	14.5#

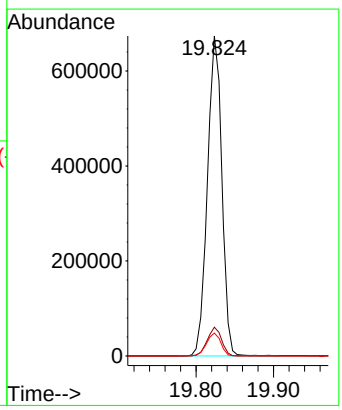


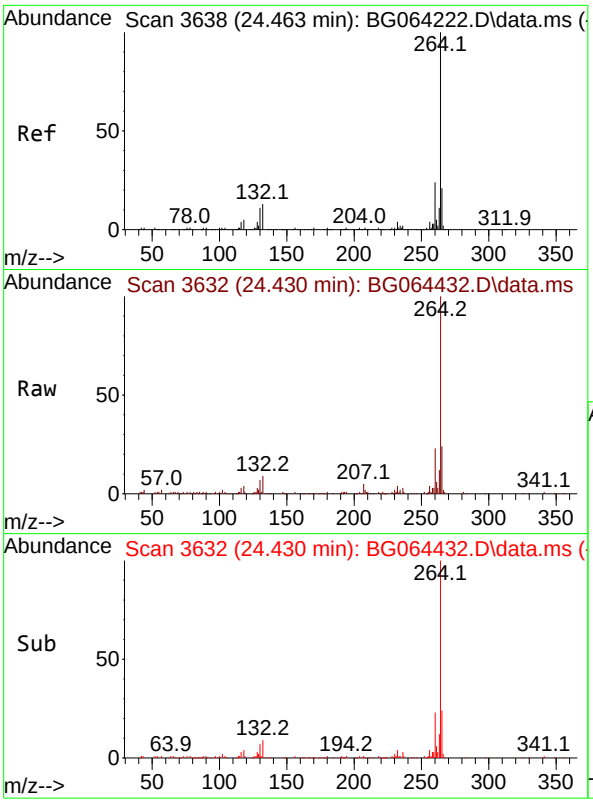


#79
Terphenyl-d14
Concen: 121.141 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.021 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Tgt Ion:244 Resp: 870579

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	7.1	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3
Delta R.T. -0.033 min
Lab File: BG064432.D
Acq: 23 Sep 2025 2:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 164471

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	24.3	16.7	25.1