Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064422.D
Acq On : 22 Sep 2025 19:40
Operator : RC/JU
Sample : Q3133-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 23 01:51:59 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	7.835	152	17062	20.000	ng	-0.02
21) Naphthalene-d8	10.626	136	67511	20.000	ng	#-0.02
39) Acenaphthene-d10	14.463	164	50586	20.000	ng	-0.02
64) Phenanthrene-d10	17.207	188	132551	20.000	ng	#-0.02
76) Chrysene-d12	21.431	240	152856	20.000	ng	#-0.02
86) Perylene-d12	24.428	264	166011	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	141135	148.406	ng	-0.01
7) Phenol-d6	7.013	99	172722	132.200	ng	-0.02
23) Nitrobenzene-d5	8.993	82	136716	112.940	ng	-0.02
42) 2,4,6-Tribromophenol	15.955	330	149940	223.780	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	357688	107.927	ng	-0.02
79) Terphenyl-d14	19.827	244	897492	122.500	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.993	70	21196	21.198	ng	# 74
51) 2,6-Dinitrotoluene	14.463	165	6935	9.356	ng	# 14
57) 2,4-Dinitrotoluene	14.463	165	6935	6.188	ng	# 17
67) 4-Bromophenyl-phenylether	15.955	248	10820	7.685	ng	# 1
77) Benzidine	19.827	184	18819	5.852	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064422.D
Acq On : 22 Sep 2025 19:40
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Sample : Q3133-02
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
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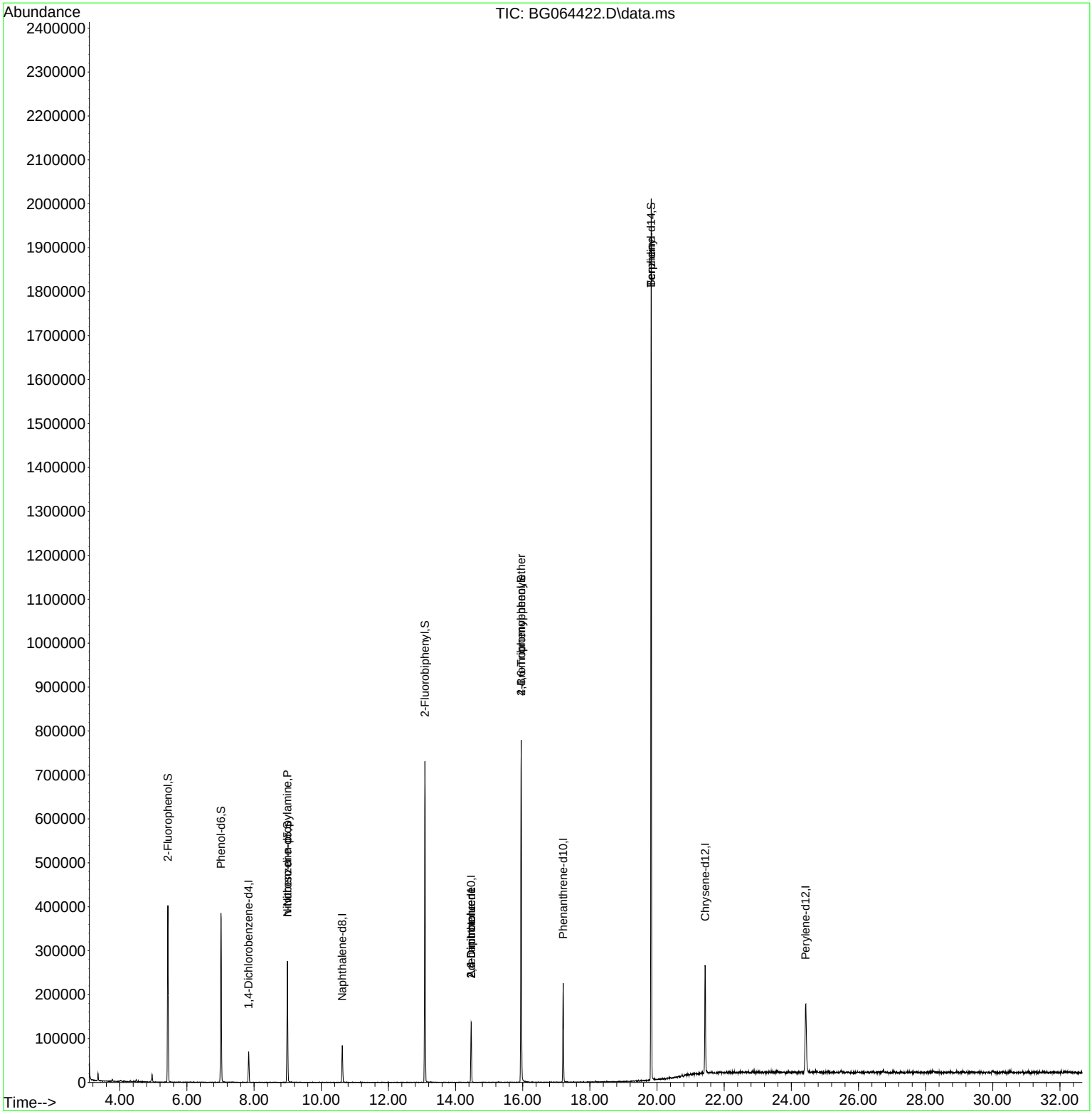
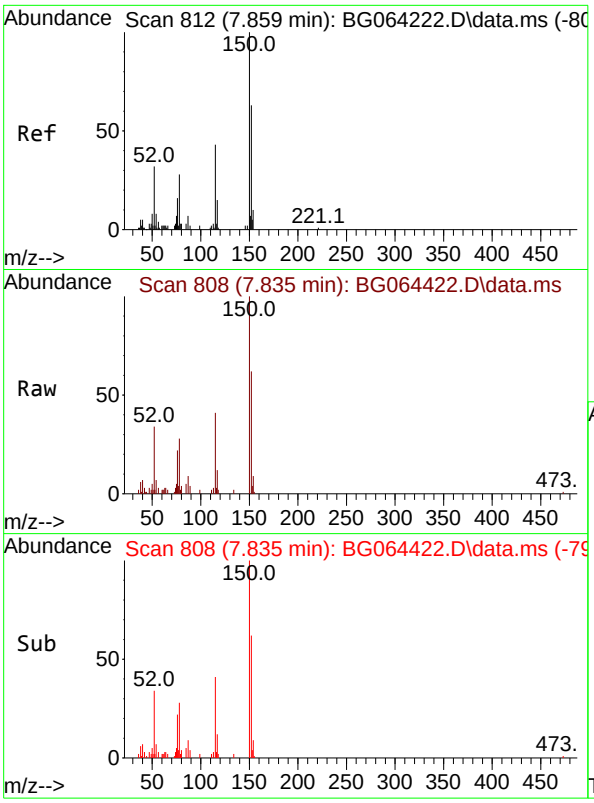


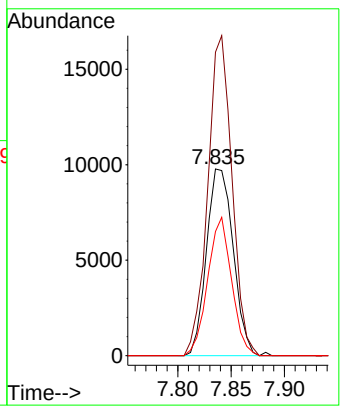


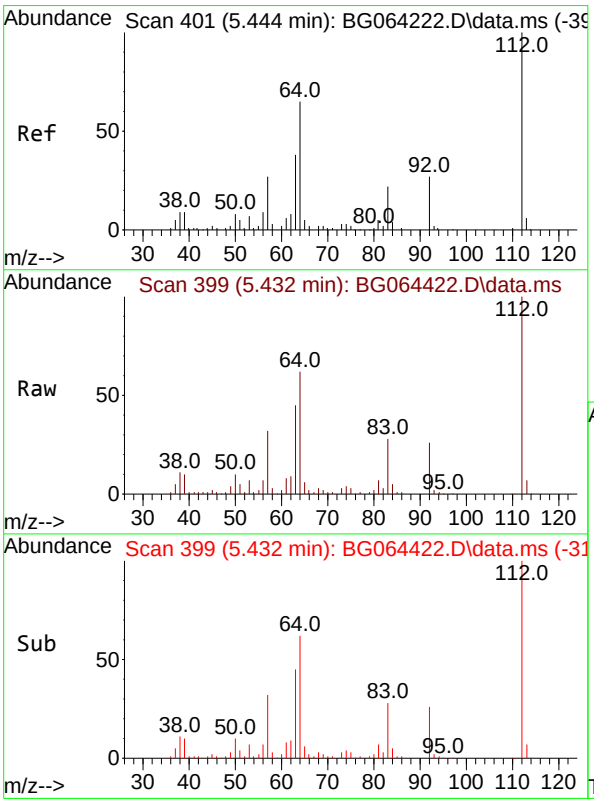
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.835 min Scan# 80
Delta R.T. -0.024 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 17062

Ion	Ratio	Lower	Upper
152	100		
150	162.6	128.0	192.0
115	66.5	55.7	83.5

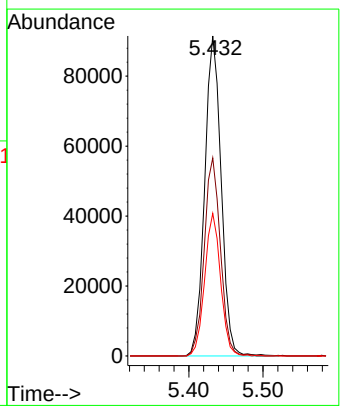


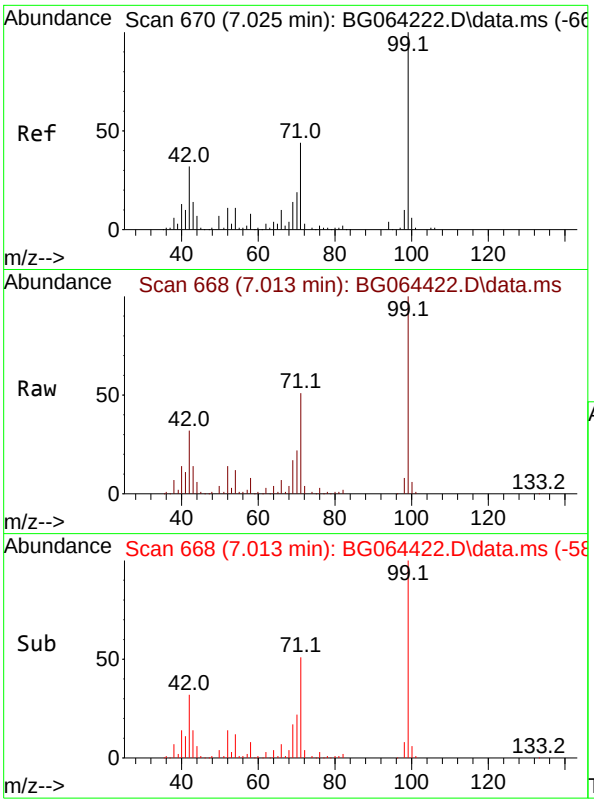


#5
2-Fluorophenol
Concen: 148.406 ng
RT: 5.432 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:112 Resp: 141135

Ion	Ratio	Lower	Upper
112	100		
64	61.9	51.8	77.6
63	44.5	30.6	45.8



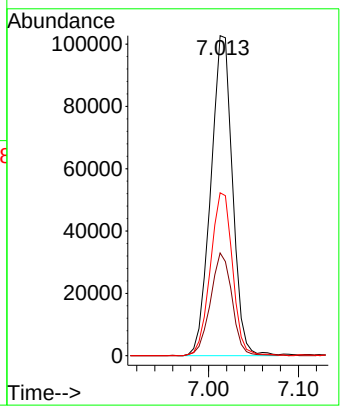


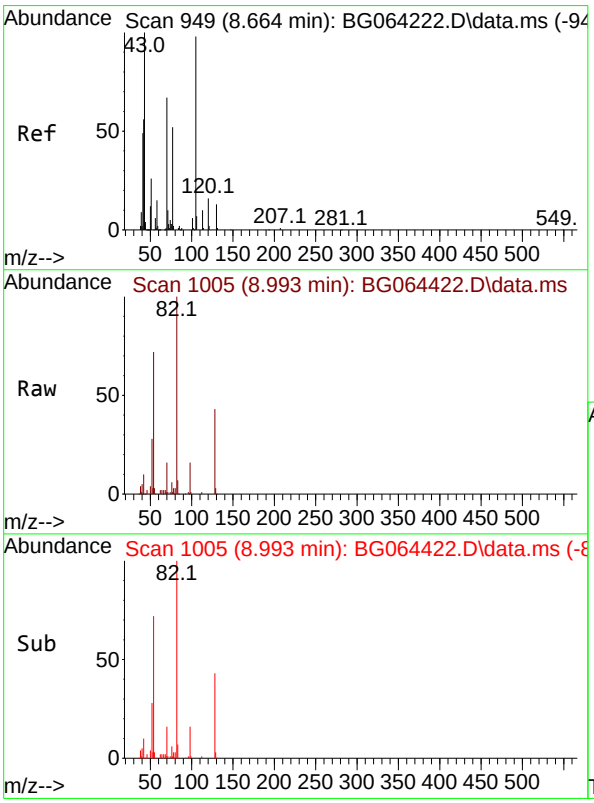
#7
Phenol-d6
Concen: 132.200 ng
RT: 7.013 min Scan# 6
Delta R.T. -0.018 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 172722

Ion	Ratio	Lower	Upper
99	100		
42	32.1	25.8	38.8
71	50.9	35.2	52.8

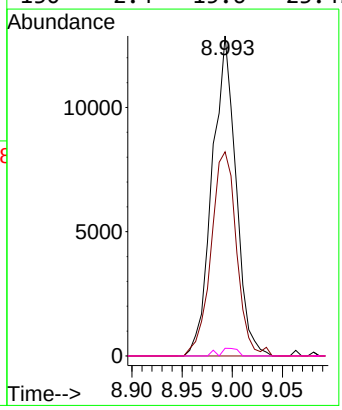


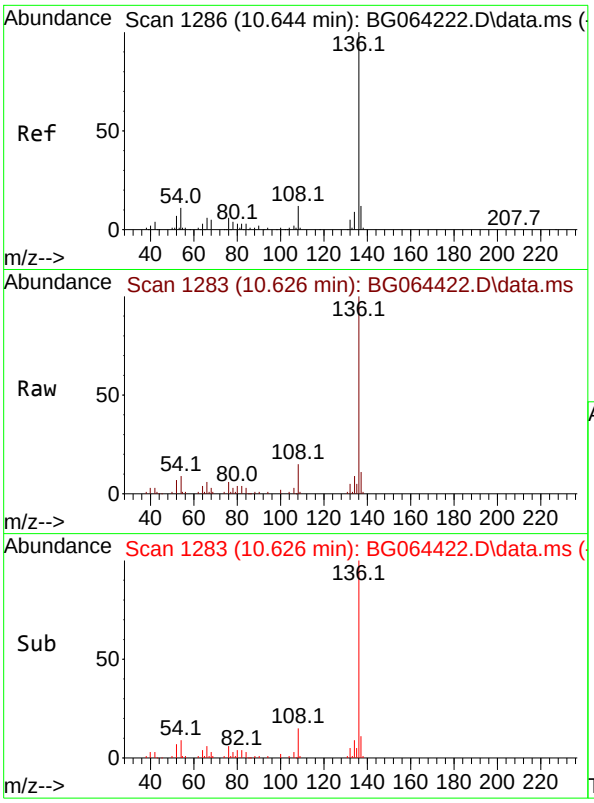


#19
n-Nitroso-di-n-propylamine
Concen: 21.198 ng
RT: 8.993 min Scan# 1005
Delta R.T. 0.329 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion: 70 Resp: 21196

Ion	Ratio	Lower	Upper
70	100		
42	63.8	67.9	101.9#
101	0.0	7.3	10.9#
130	2.4	15.6	23.4#



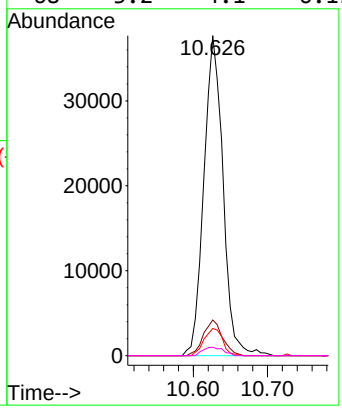


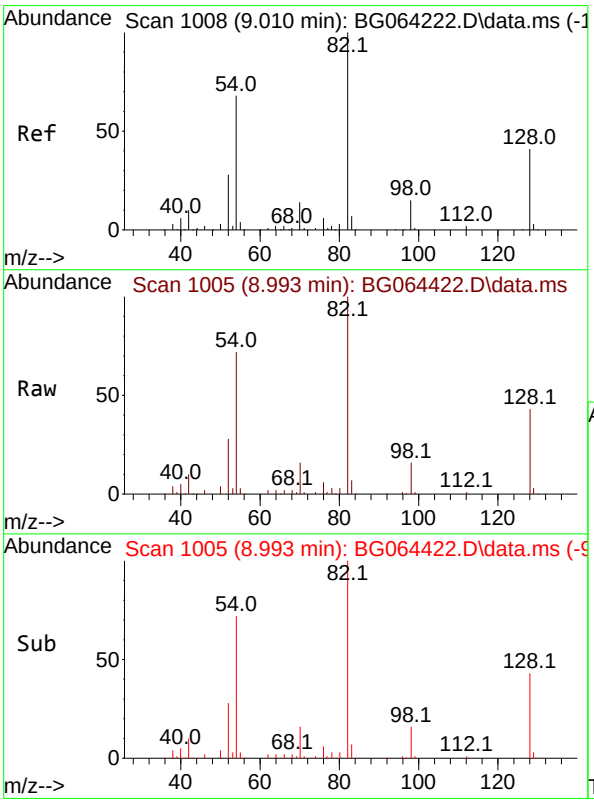
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 67511

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.2	8.8	13.2
68	3.2	4.1	6.1#

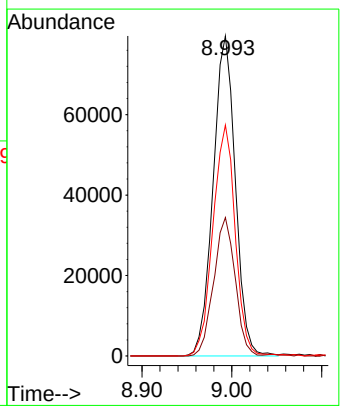


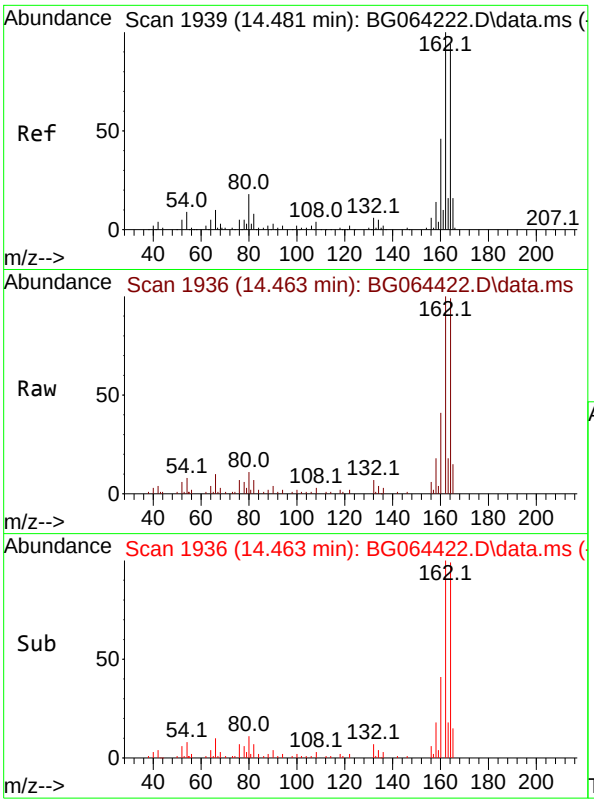


#23
Nitrobenzene-d5
Concen: 112.940 ng
RT: 8.993 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion: 82 Resp: 136716

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.6	48.8
54	72.1	54.7	82.1



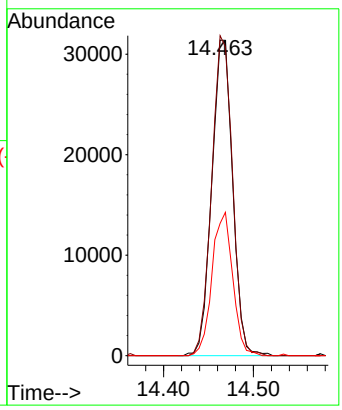


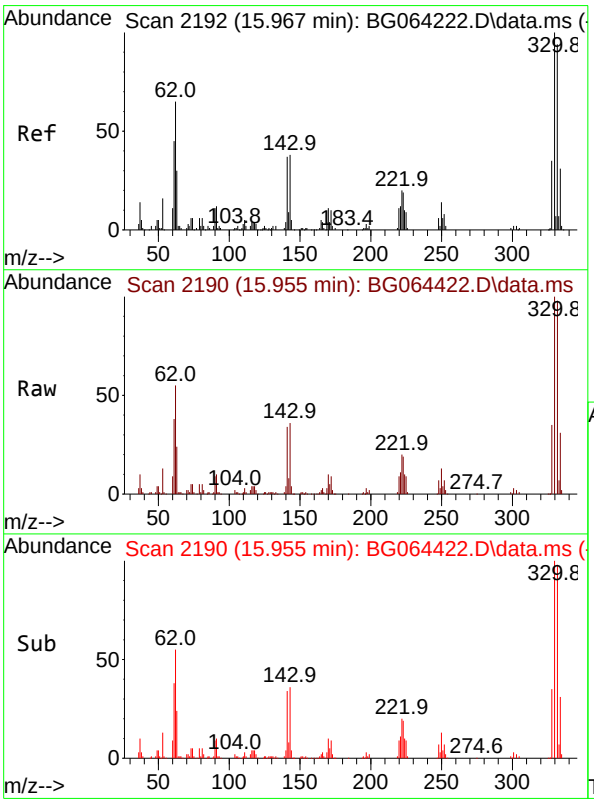
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 50586

Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.4	128.0
160	42.0	39.2	58.8

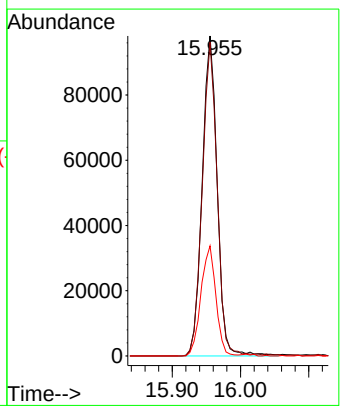


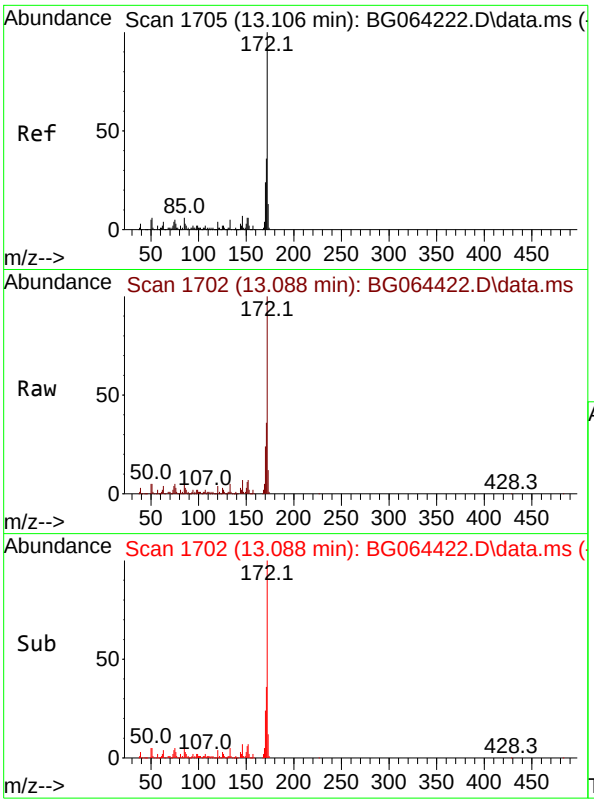


#42
2,4,6-Tribromophenol
Concen: 223.780 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.018 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:330 Resp: 149940

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	34.2	29.8	44.6



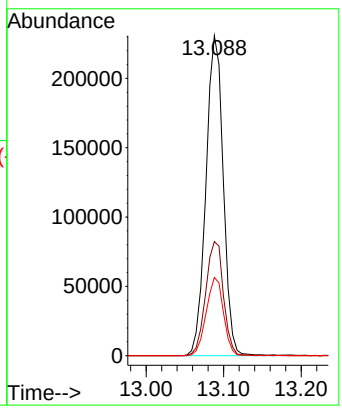


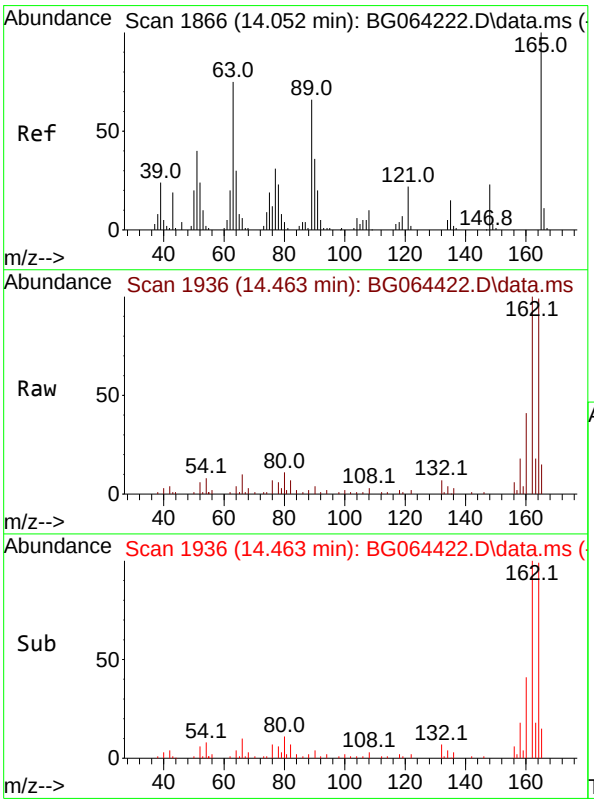
#45
2-Fluorobiphenyl
Concen: 107.927 ng
RT: 13.088 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 357688

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	24.4	19.0	28.6

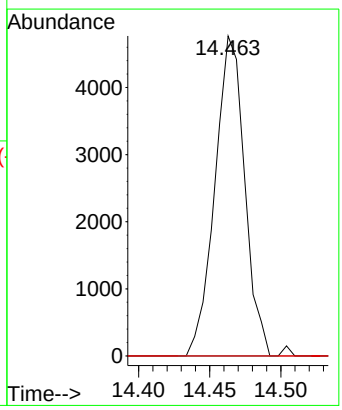


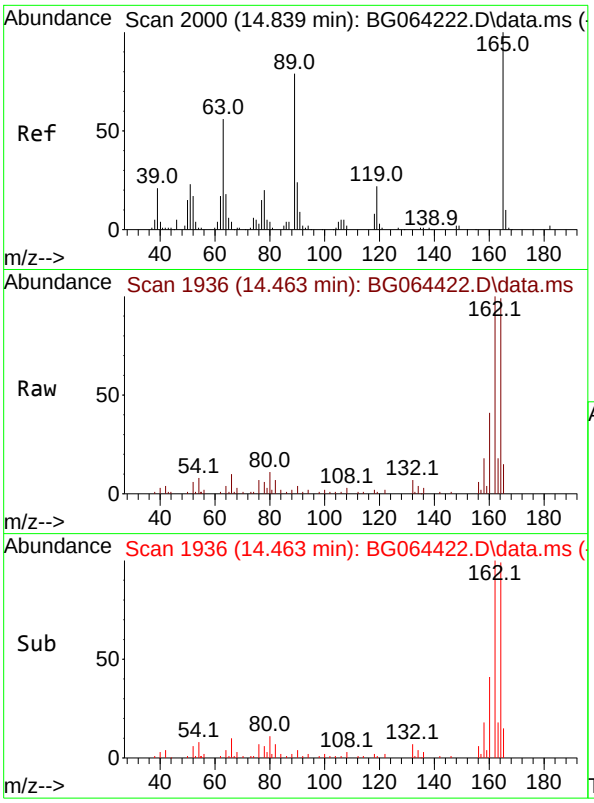


#51
2,6-Dinitrotoluene
Concen: 9.356 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.405 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:165 Resp: 6935

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



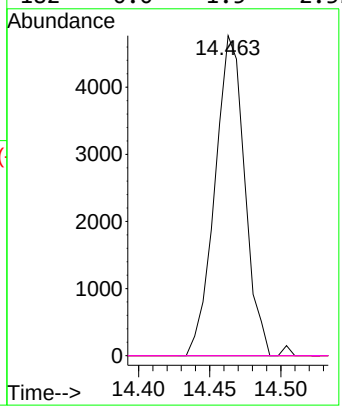


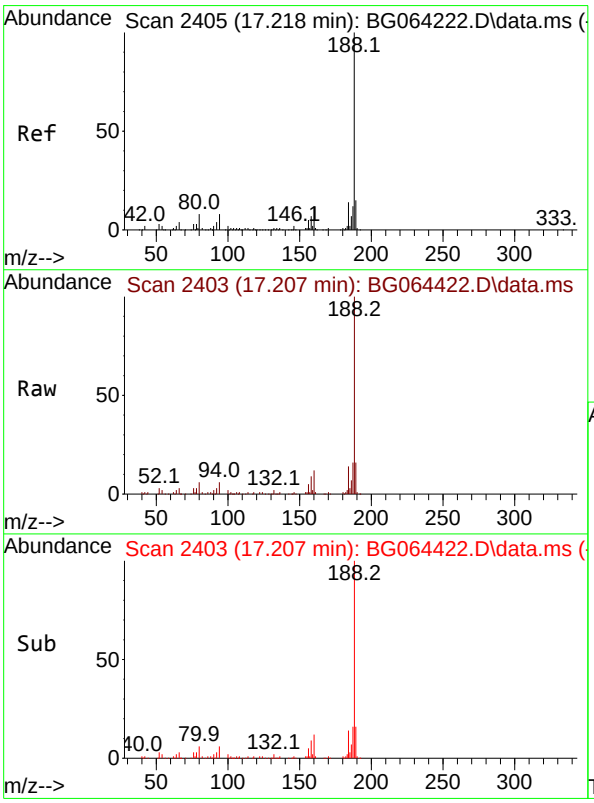
#57
2,4-Dinitrotoluene
Concen: 6.188 ng
RT: 14.463 min Scan# 1
Delta R.T. -0.382 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6935

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#

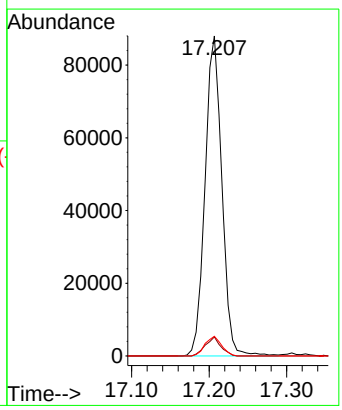


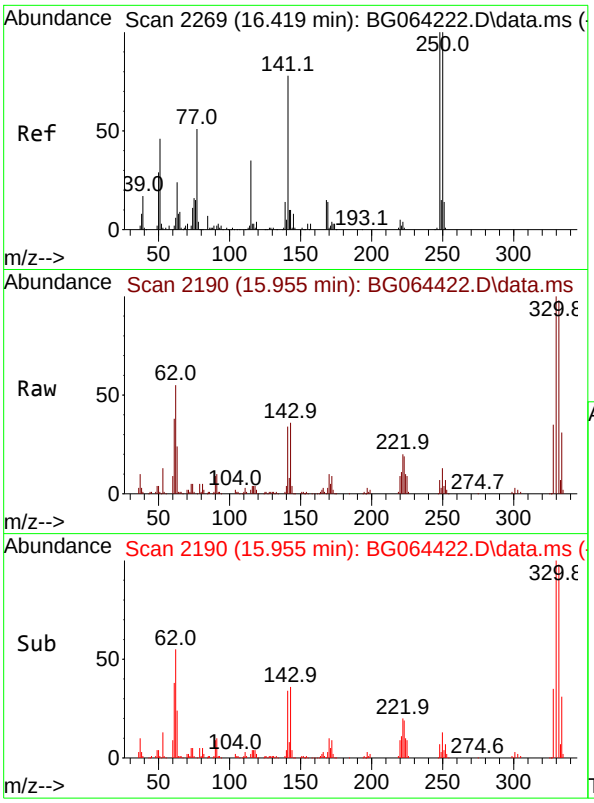


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:188 Resp: 132551

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.2	9.4#
80	6.1	6.8	10.2#



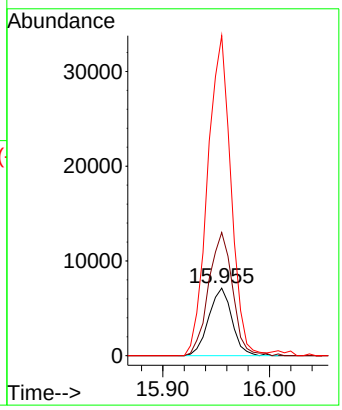


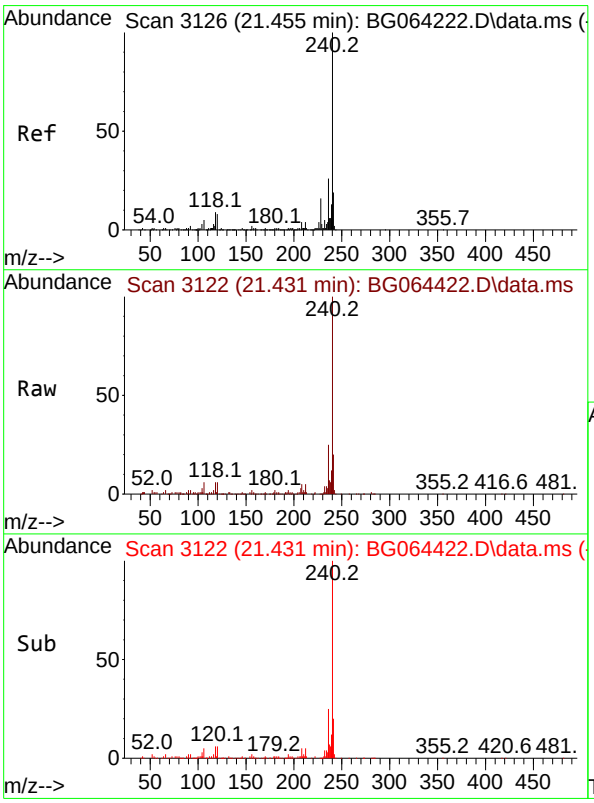
#67
4-Bromophenyl-phenylether
Concen: 7.685 ng
RT: 15.955 min Scan# 21
Delta R.T. -0.464 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10820

Ion	Ratio	Lower	Upper
248	100		
250	182.3	80.2	120.4#
141	473.6	62.4	93.6#

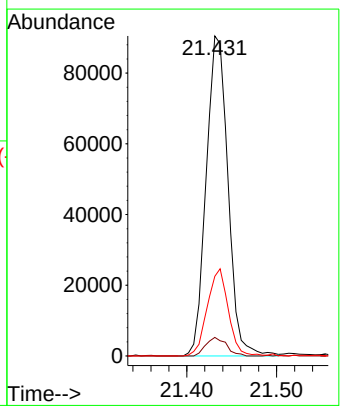


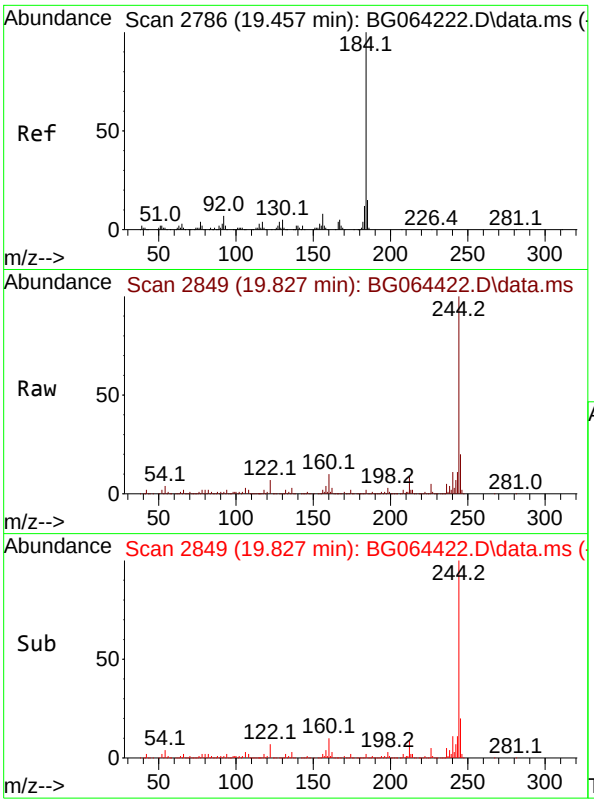


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:240 Resp: 152856

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.2	9.4#
236	24.9	20.5	30.7



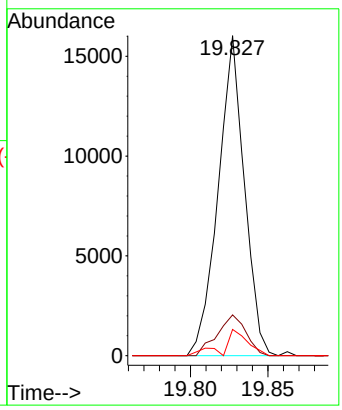


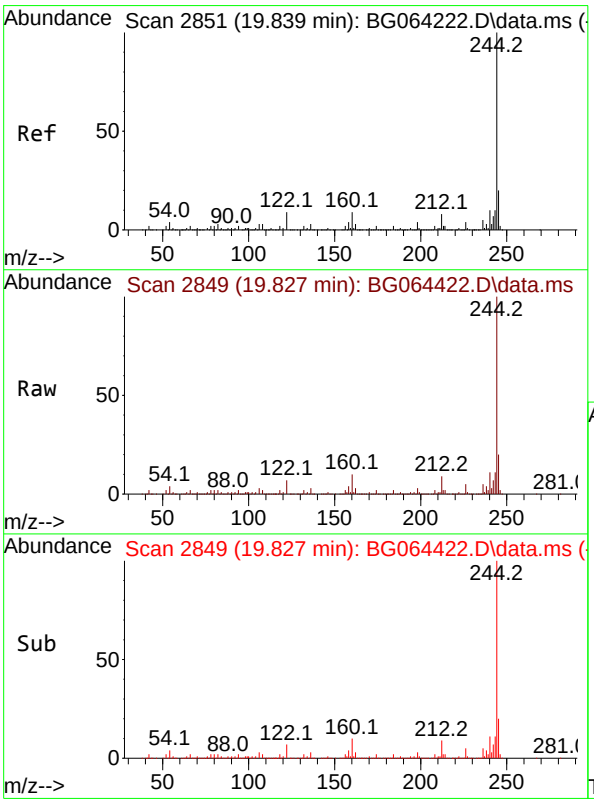
#77
Benzidine
Concen: 5.852 ng
RT: 19.827 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 18819

Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.7	17.5
183	8.2	9.7	14.5#

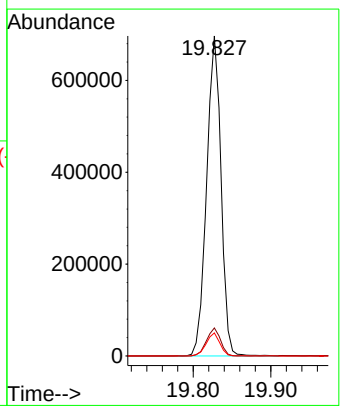


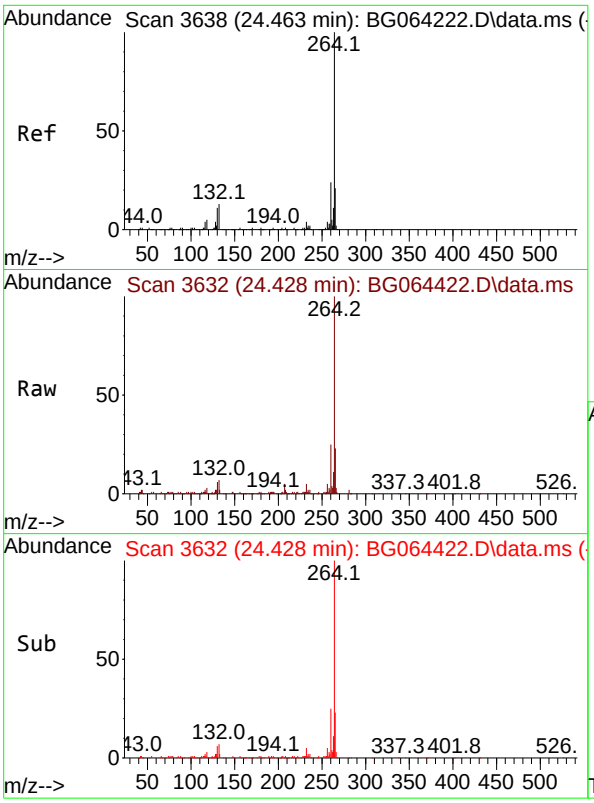


#79
Terphenyl-d14
Concen: 122.500 ng
RT: 19.827 min Scan# 2849
Delta R.T. -0.018 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Tgt Ion:244 Resp: 897492

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	7.2	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3
Delta R.T. -0.036 min
Lab File: BG064422.D
Acq: 22 Sep 2025 19:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 166011

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	22.5	16.7	25.1