Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064318.D
Acq On : 9 Sep 2025 10:57
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 09 12:09:14 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	7.847	152	21337	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	90384	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	68501	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	179730	20.000	ng	#-0.01
76) Chrysene-d12	21.443	240	195693	20.000	ng	-0.01
86) Perylene-d12	24.451	264	210377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	184729	155.327	ng	0.00
7) Phenol-d6	7.025	99	248966	152.377	ng	0.00
23) Nitrobenzene-d5	8.999	82	178301	110.019	ng	-0.02
42) 2,4,6-Tribromophenol	15.961	330	178484	196.714	ng	-0.01
45) 2-Fluorobiphenyl	13.100	172	471286	105.013	ng	-0.01
79) Terphenyl-d14	19.839	244	1002805	106.912	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.005	70	25695	20.548	ng	# 74
51) 2,6-Dinitrotoluene	14.469	165	9447	9.411	ng	# 17
57) 2,4-Dinitrotoluene	14.469	165	9447	6.224	ng	# 19
67) 4-Bromophenyl-phenylether	15.961	248	12511	6.554	ng	# 1
77) Benzidine	19.839	184	19895	4.833	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
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Quant Time: Sep 09 12:09:14 2025
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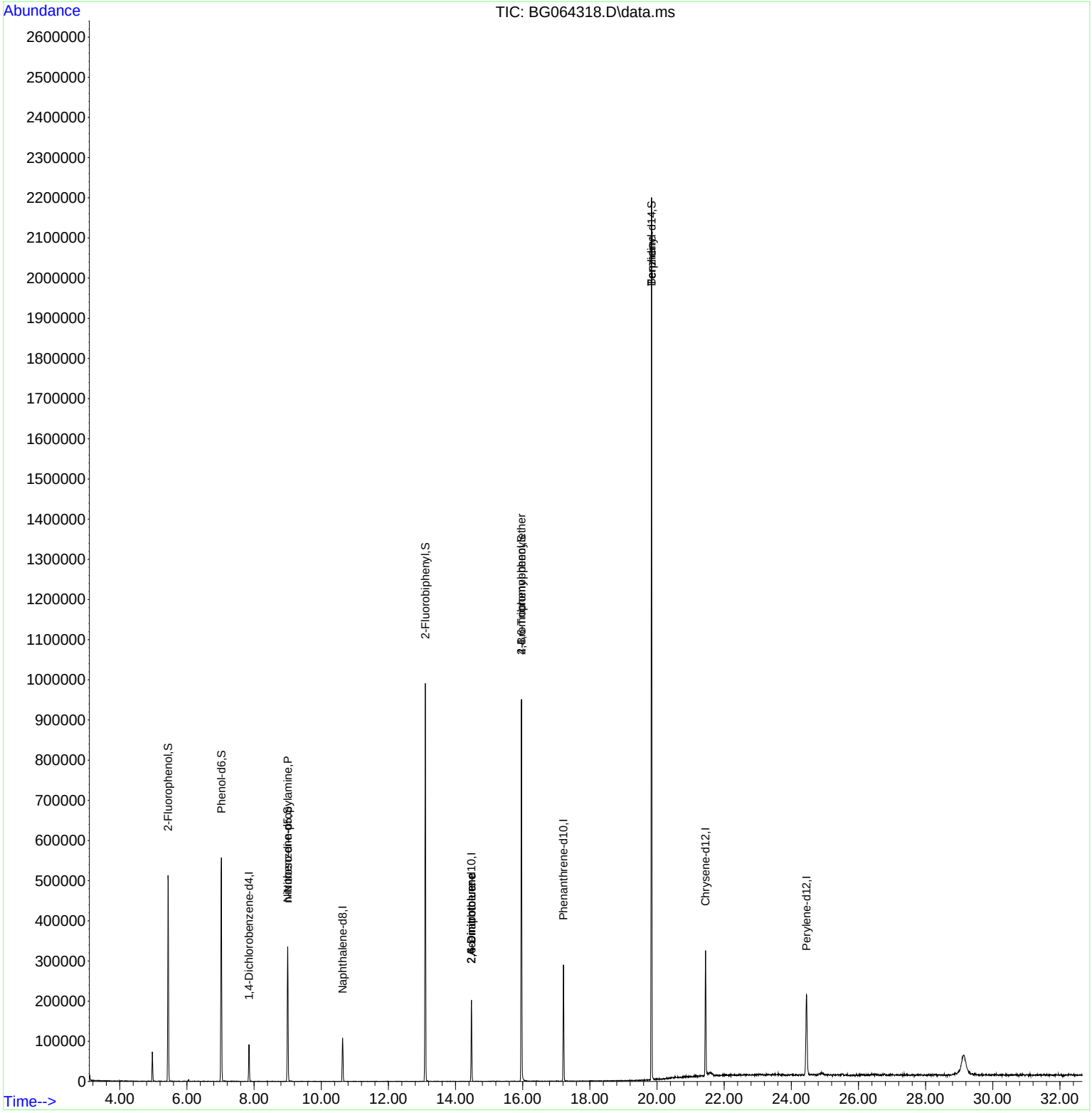
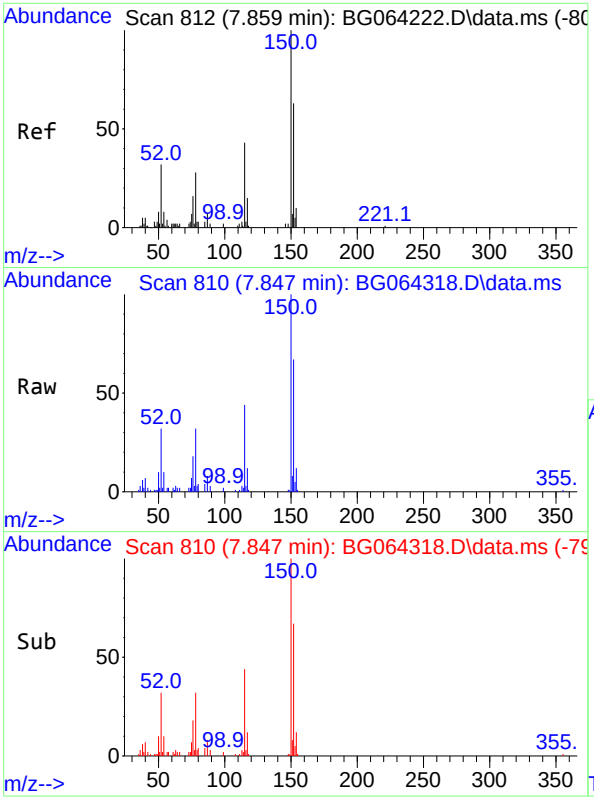
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



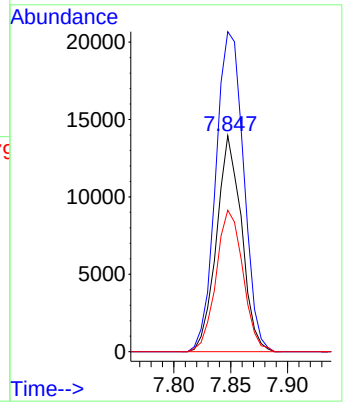


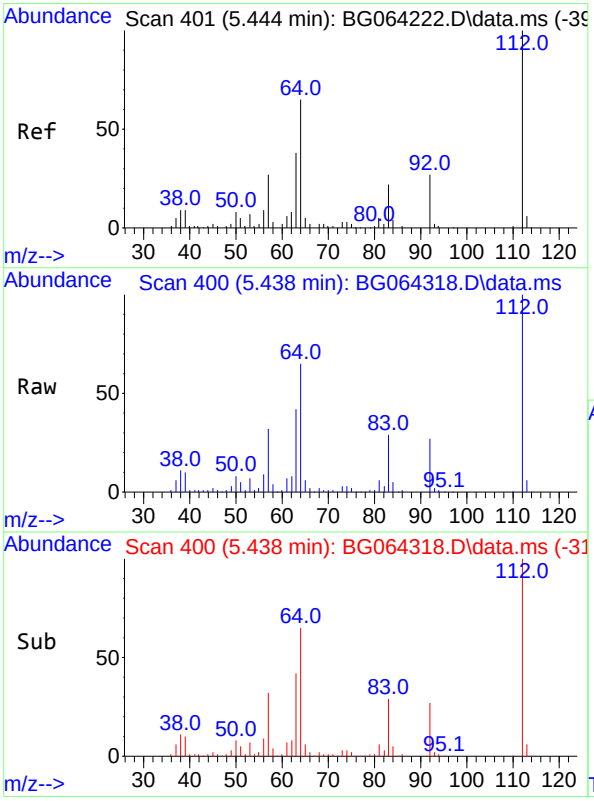
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21337

Ion	Ratio	Lower	Upper
152	100		
150	148.2	128.0	192.0
115	65.5	55.7	83.5

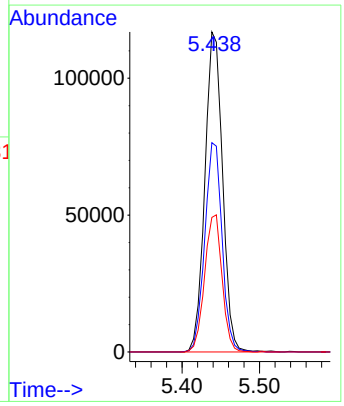


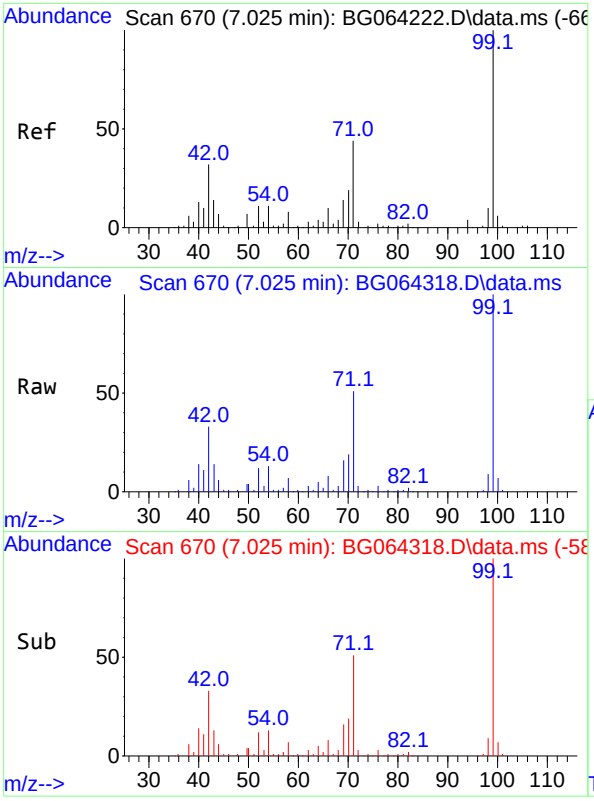


#5
2-Fluorophenol
Concen: 155.327 ng
RT: 5.438 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:112 Resp: 184729

Ion	Ratio	Lower	Upper
112	100		
64	65.4	51.8	77.6
63	42.1	30.6	45.8



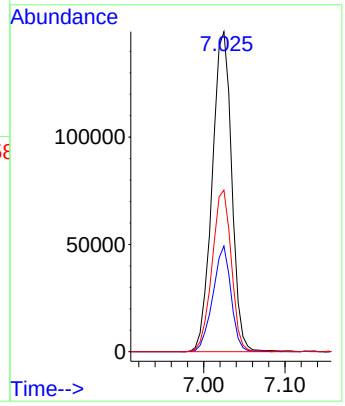


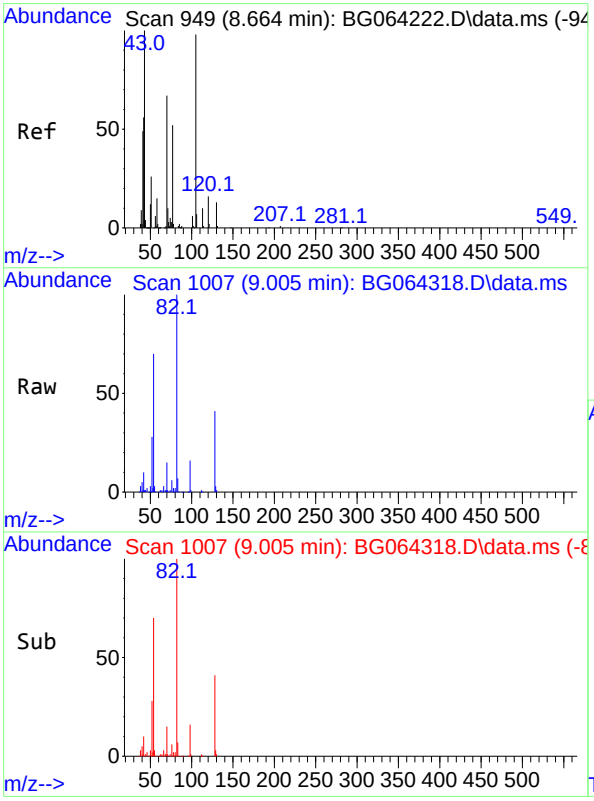
#7
Phenol-d6
Concen: 152.377 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 248966

Ion	Ratio	Lower	Upper
99	100		
42	33.0	25.8	38.8
71	50.5	35.2	52.8

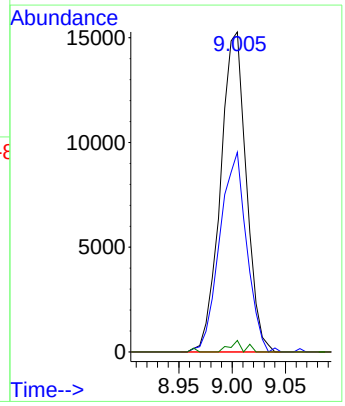


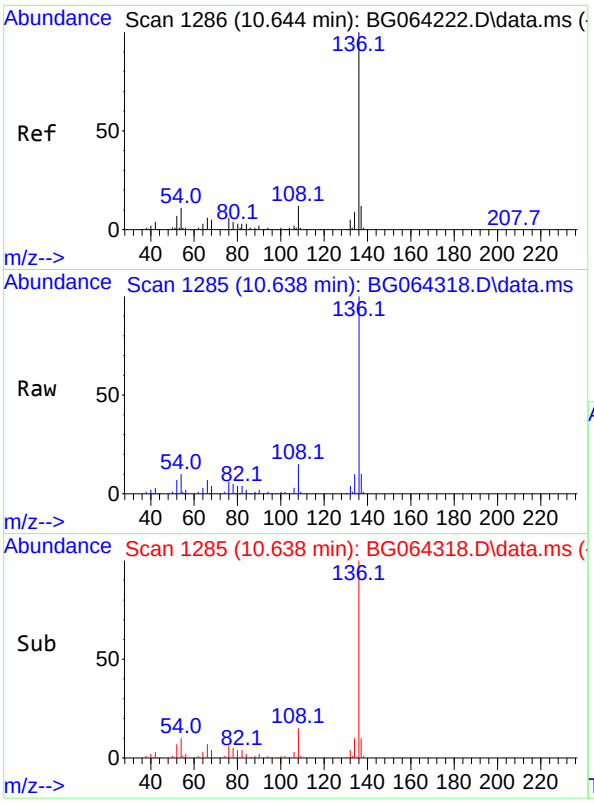


#19
n-Nitroso-di-n-propylamine
Concen: 20.548 ng
RT: 9.005 min Scan# 1007
Delta R.T. 0.341 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion: 70 Resp: 25695

Ion	Ratio	Lower	Upper
70	100		
42	62.4	67.9	101.9#
101	0.0	7.3	10.9#
130	3.6	15.6	23.4#



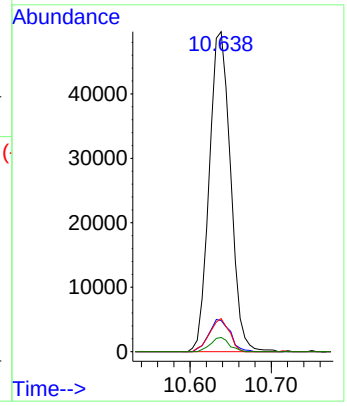


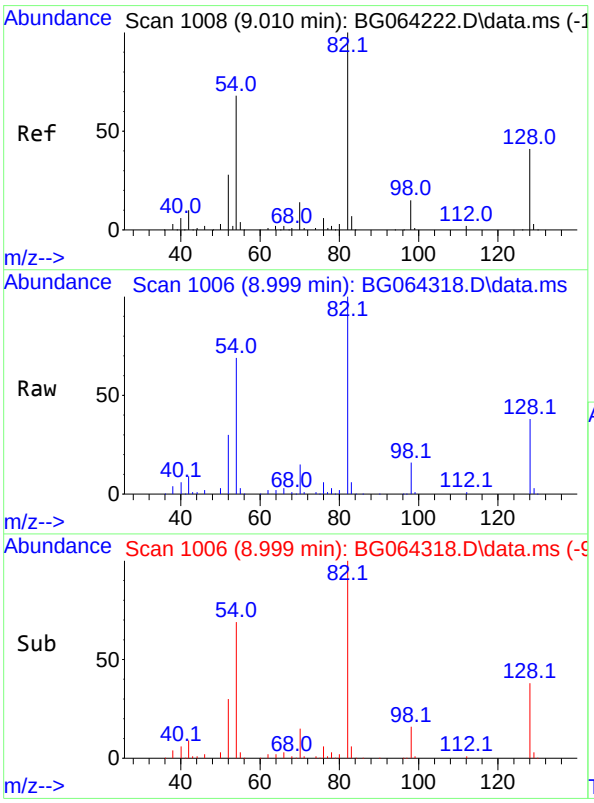
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 90384

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.6	14.4
54	10.9	8.8	13.2
68	4.5	4.1	6.1

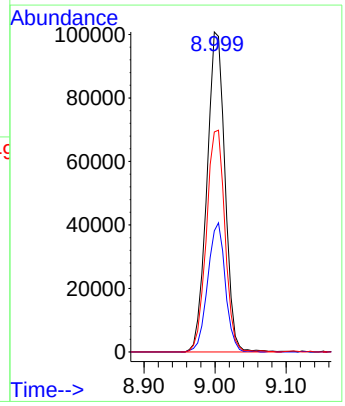


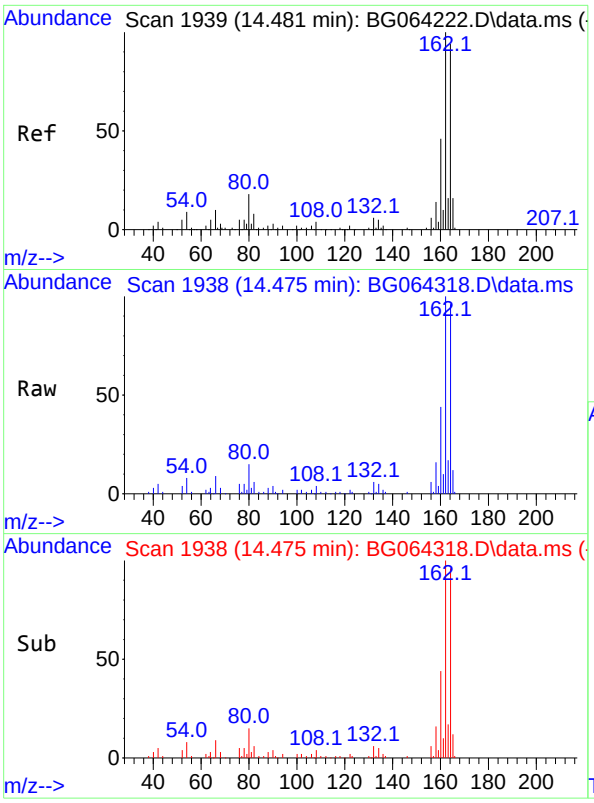


#23
Nitrobenzene-d5
Concen: 110.019 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion: 82 Resp: 178301

Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.6	48.8
54	68.7	54.7	82.1



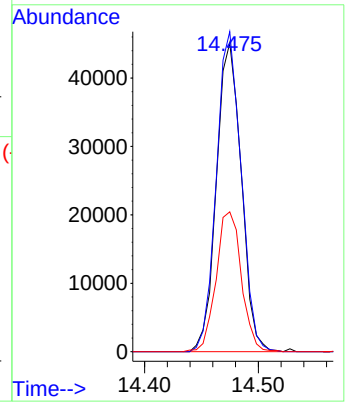


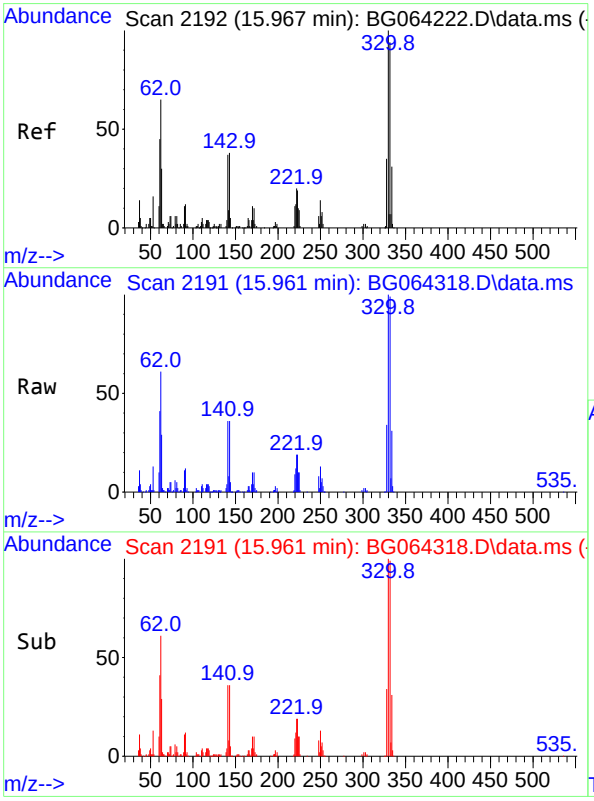
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 68501

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.0
160	45.3	39.2	58.8

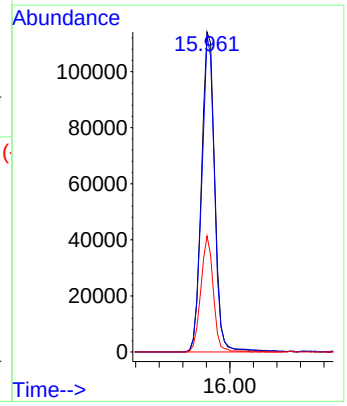


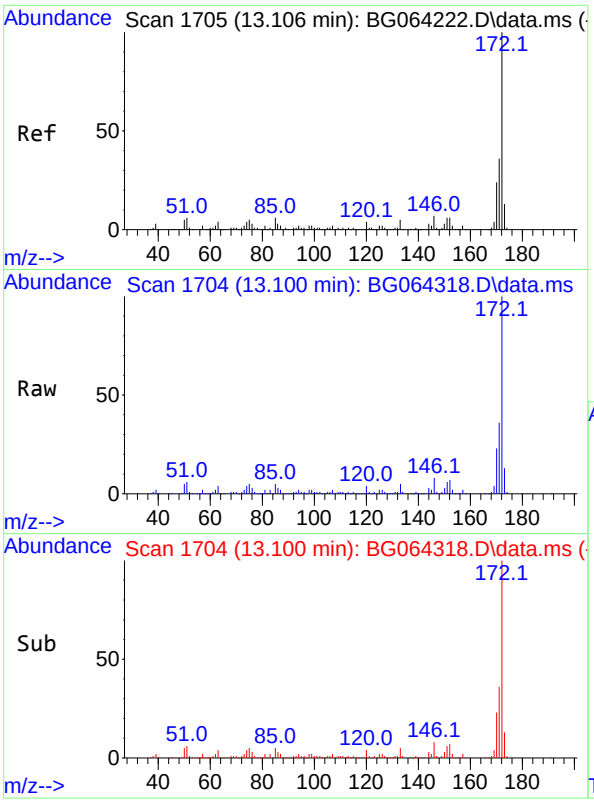


#42
2,4,6-Tribromophenol
Concen: 196.714 ng
RT: 15.961 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:330 Resp: 178484

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.6	116.4
141	34.0	29.8	44.6



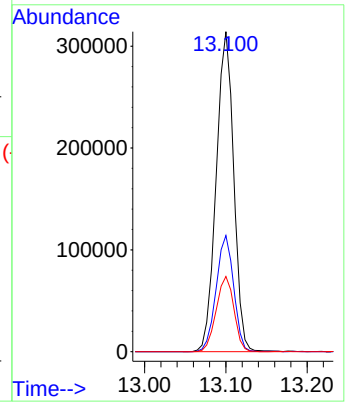


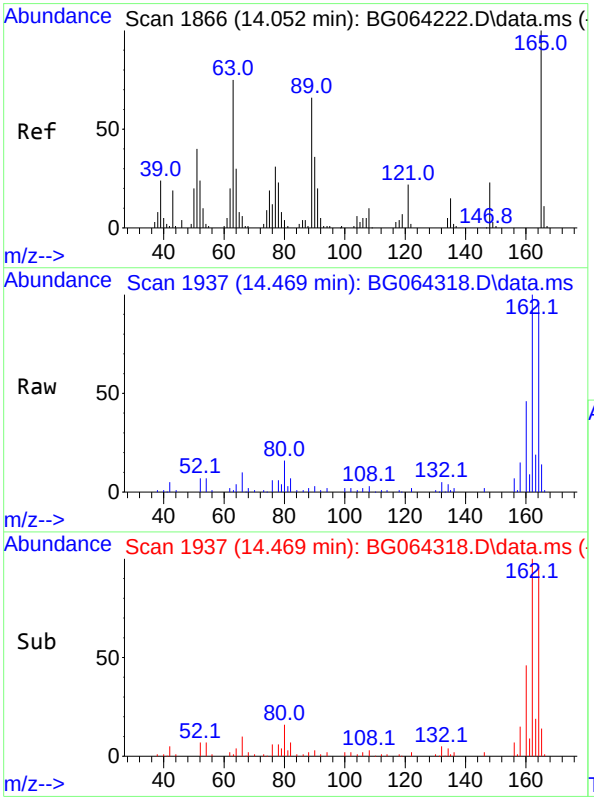
#45
2-Fluorobiphenyl
Concen: 105.013 ng
RT: 13.100 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 471286

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	23.5	19.0	28.6

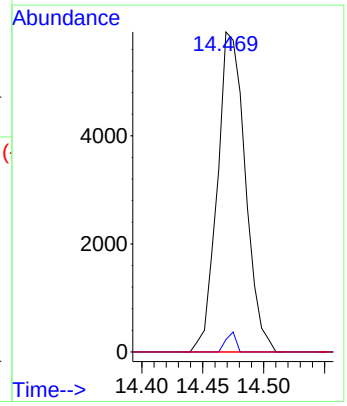


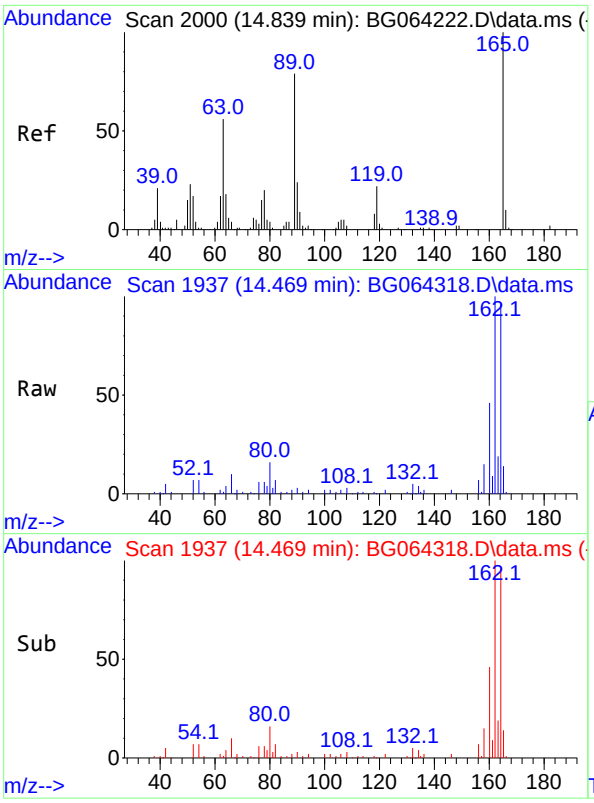


#51
2,6-Dinitrotoluene
Concen: 9.411 ng
RT: 14.469 min Scan# 1937
Delta R.T. 0.411 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:165 Resp: 9447

Ion	Ratio	Lower	Upper
165	100		
63	3.8	60.3	90.5#
89	0.0	52.9	79.3#



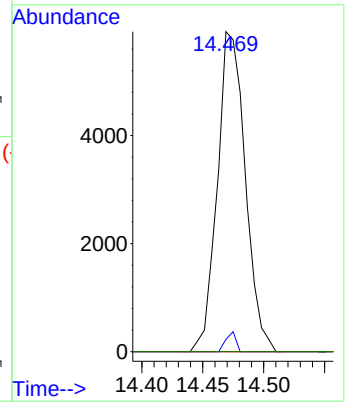


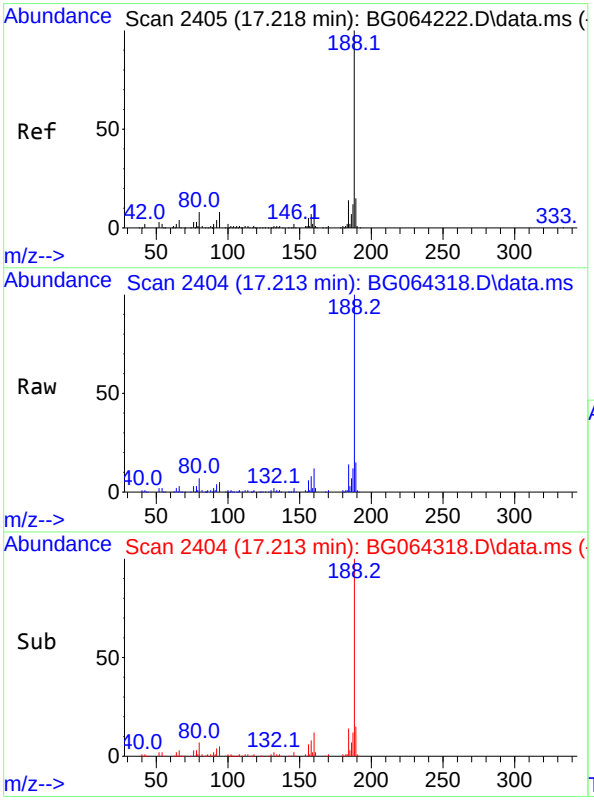
#57
2,4-Dinitrotoluene
Concen: 6.224 ng
RT: 14.469 min Scan# 1
Delta R.T. -0.376 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9447

Ion	Ratio	Lower	Upper
165	100		
63	3.8	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#

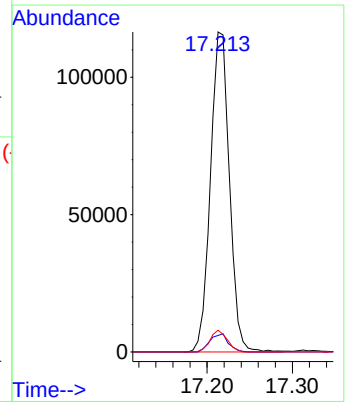


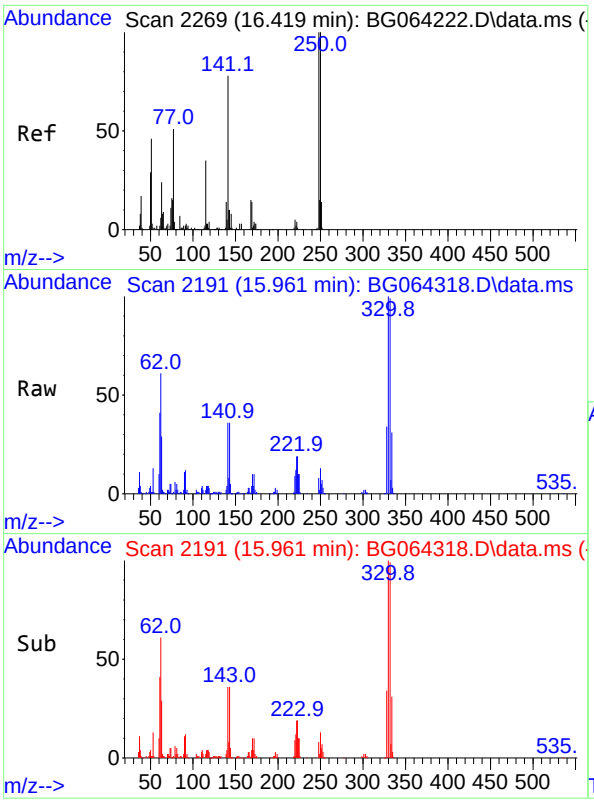


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:188 Resp: 179730

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.2	9.4#
80	6.8	6.8	10.2



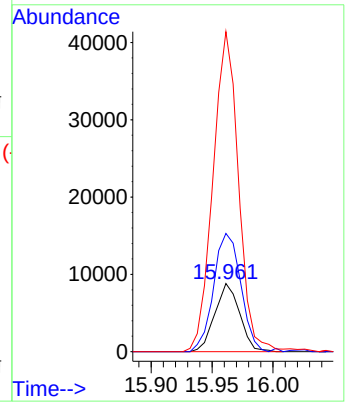


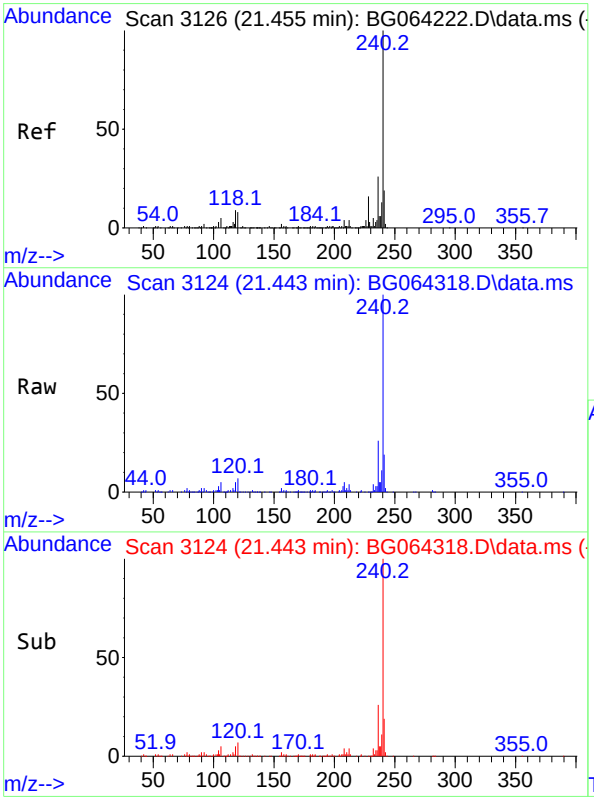
#67
4-Bromophenyl-phenylether
Concen: 6.554 ng
RT: 15.961 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12511

Ion	Ratio	Lower	Upper
248	100		
250	173.6	80.2	120.4#
141	469.4	62.4	93.6#

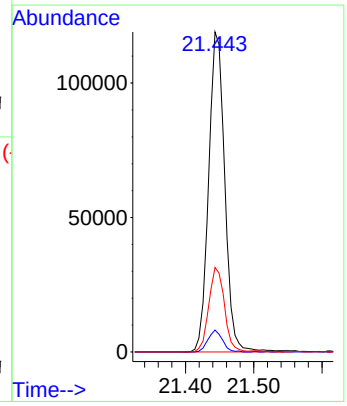


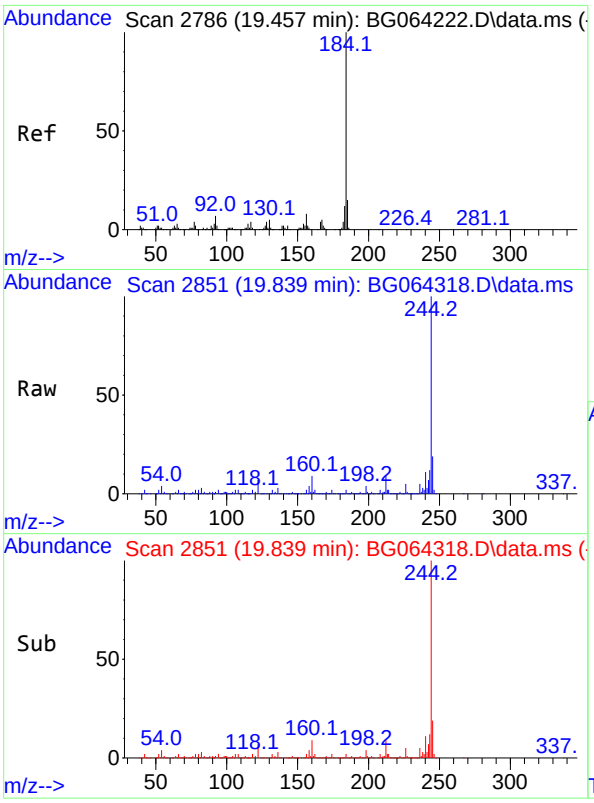


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:240 Resp: 195693

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.2	9.4
236	26.4	20.5	30.7



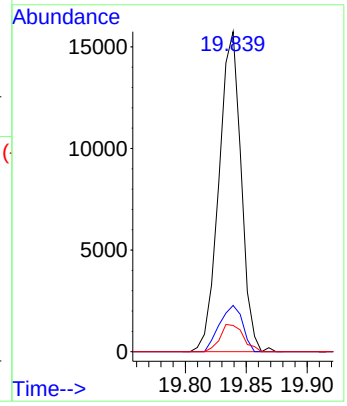


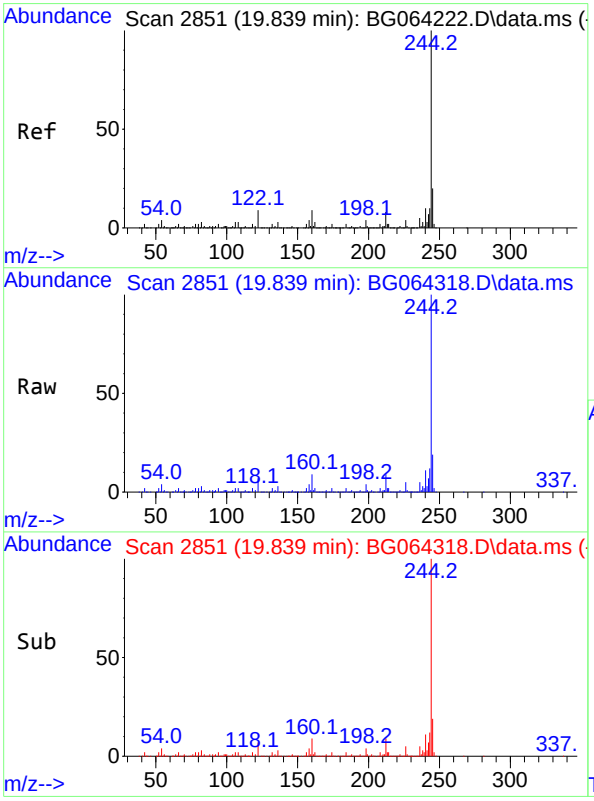
#77
Benzidine
Concen: 4.833 ng
RT: 19.839 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19895

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

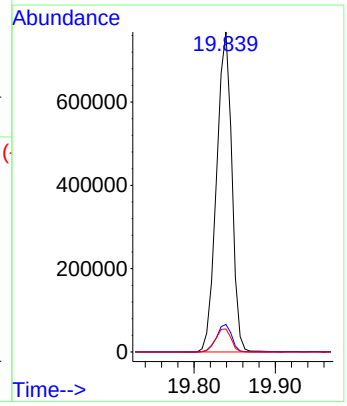


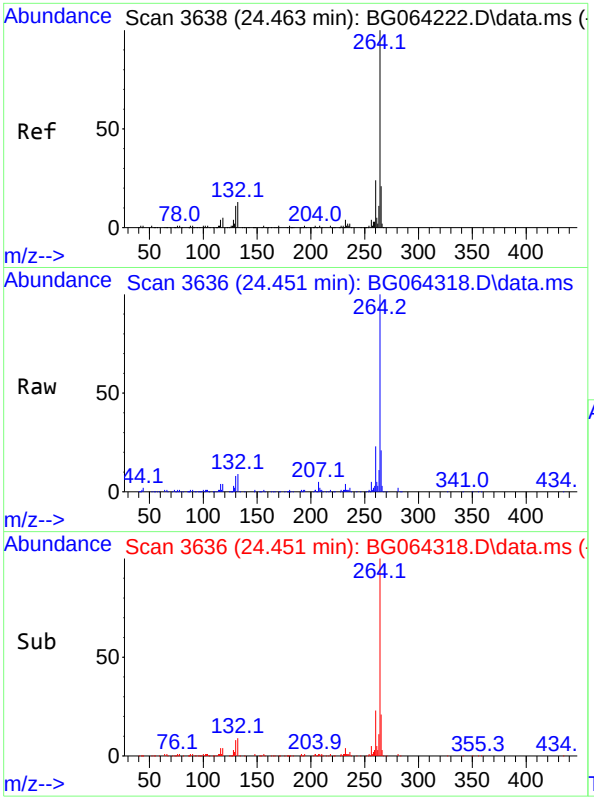


#79
Terphenyl-d14
Concen: 106.912 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:244 Resp: 1002805

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	7.2	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.451 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 210377

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	20.9	16.7	25.1