Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064343.D
Acq On : 10 Sep 2025 22:13
Operator : RC/JU
Sample : Q3056-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 01:20:04 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	7.846	152	25560	20.000	ng	-0.01
21) Naphthalene-d8	10.631	136	104479	20.000	ng	#-0.02
39) Acenaphthene-d10	14.468	164	76839	20.000	ng	-0.01
64) Phenanthrene-d10	17.212	188	173584	20.000	ng	#-0.01
76) Chrysene-d12	21.442	240	193505	20.000	ng	#-0.01
86) Perylene-d12	24.445	264	214732	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.431	112	50396	35.374	ng	-0.01
7) Phenol-d6	7.018	99	71916	36.743	ng	-0.01
23) Nitrobenzene-d5	8.998	82	51954	27.733	ng	-0.02
42) 2,4,6-Tribromophenol	15.954	330	47270	46.445	ng	-0.02
45) 2-Fluorobiphenyl	13.093	172	132891	26.398	ng	-0.02
79) Terphenyl-d14	19.826	244	256610	27.667	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.992	70	7767	5.185	ng	# 65
51) 2,6-Dinitrotoluene	14.468	165	10061	8.936	ng	# 14
57) 2,4-Dinitrotoluene	14.468	165	10061	5.910	ng	# 17
71) Phenanthrene	17.253	178	38669	4.224	ng	# 93
72) Anthracene	17.253	178	38669	4.152	ng	95
75) Fluoranthene	19.262	202	57341	5.327	ng	95
78) Pyrene	19.621	202	58859	4.828	ng	98
88) Benzo(b)fluoranthene	23.499	252	27047	2.232	ng	92
89) Benzo(k)fluoranthene	23.499	252	27047	2.191	ng	95

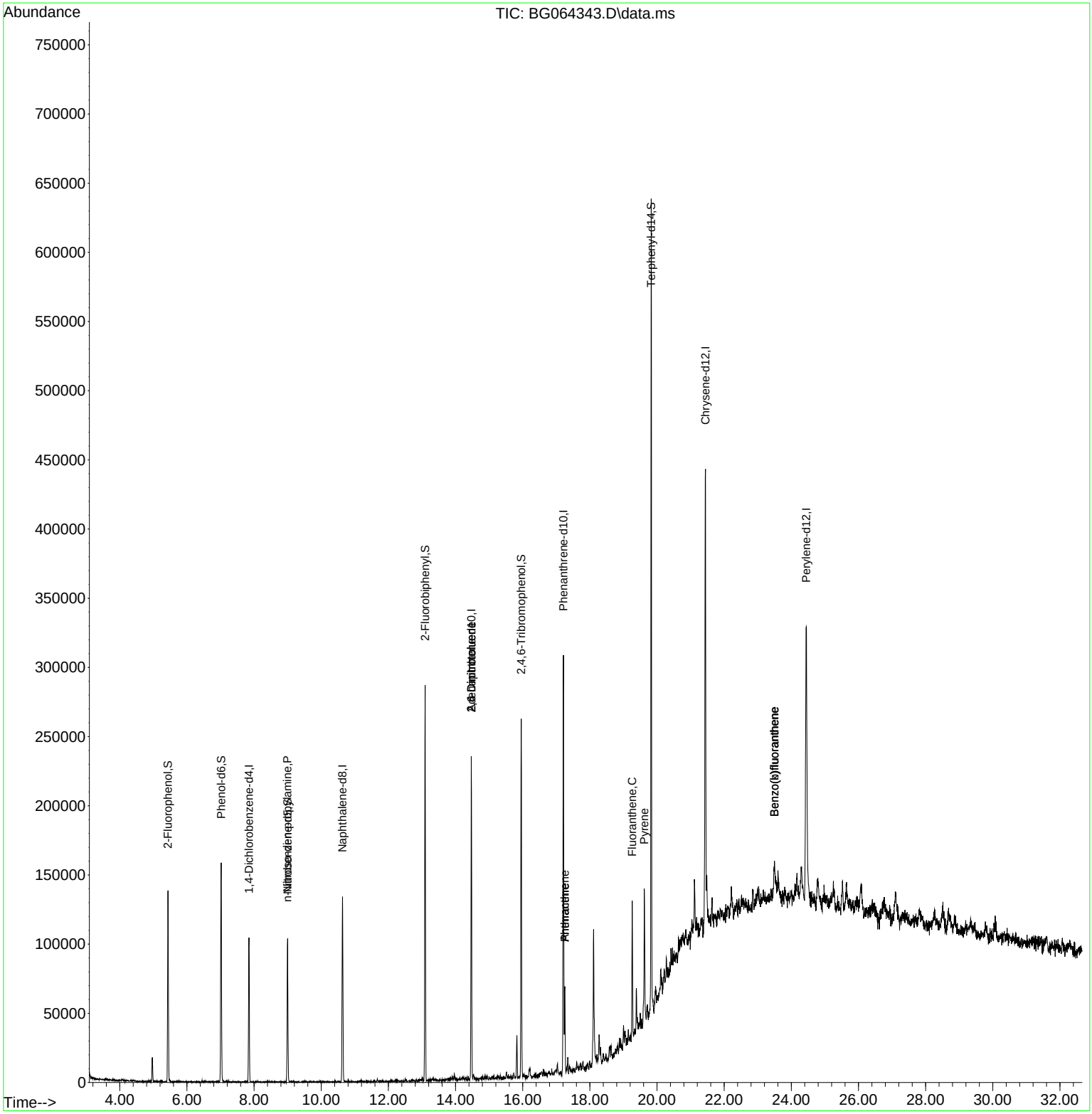
(#) = qualifier out of range (m) = manual integration (+) = signals summed

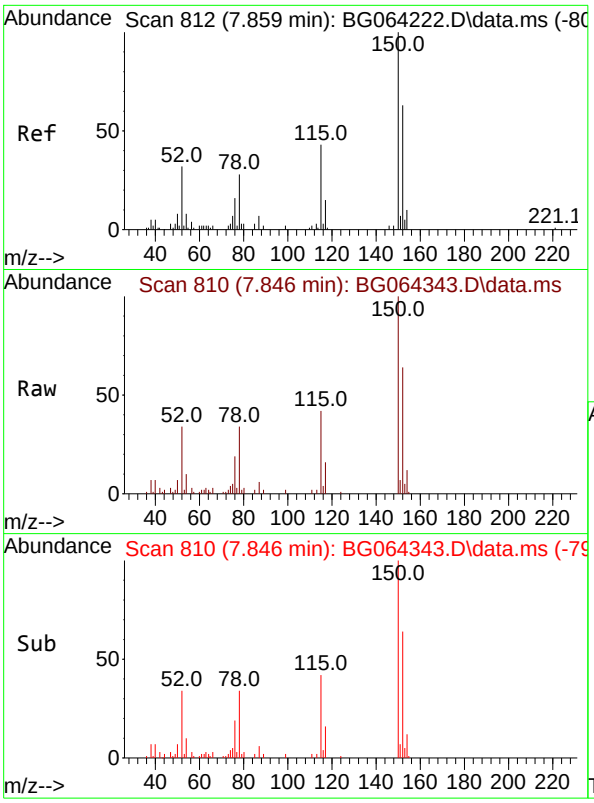
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064343.D
Acq On : 10 Sep 2025 22:13
Operator : RC/JU
Sample : Q3056-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 01:20:04 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



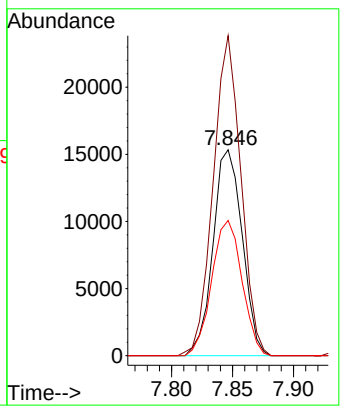


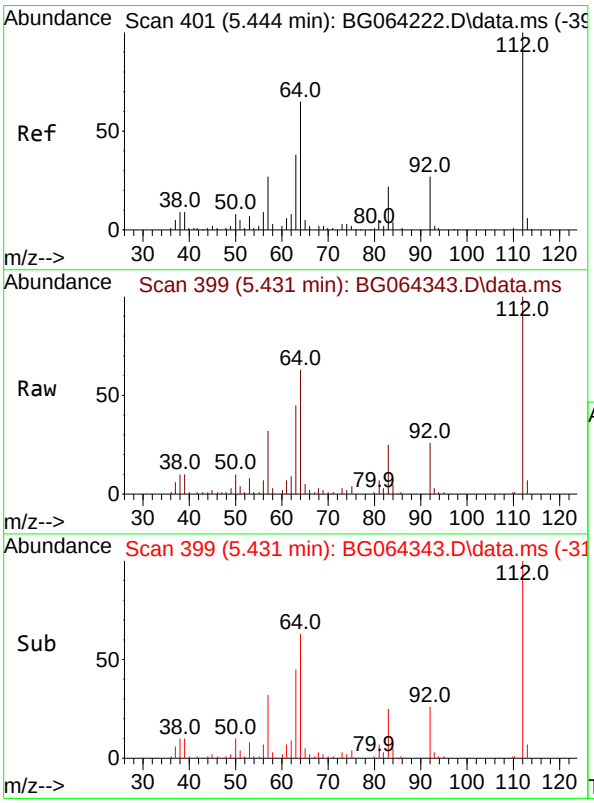
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25560

Ion	Ratio	Lower	Upper
152	100		
150	155.4	128.0	192.0
115	65.7	55.7	83.5

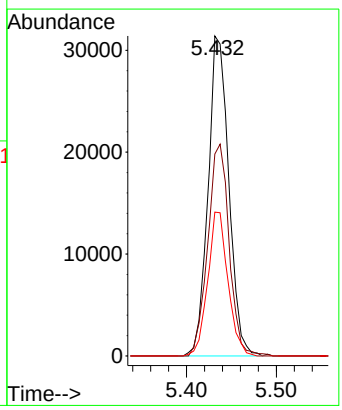


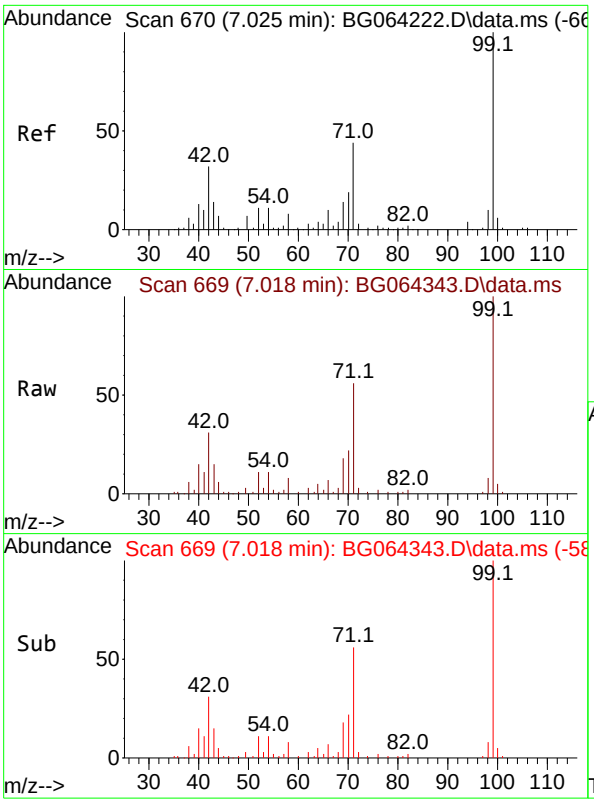


#5
2-Fluorophenol
Concen: 35.374 ng
RT: 5.431 min Scan# 399
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:112 Resp: 50396

Ion	Ratio	Lower	Upper
112	100		
64	63.1	51.8	77.6
63	45.0	30.6	45.8



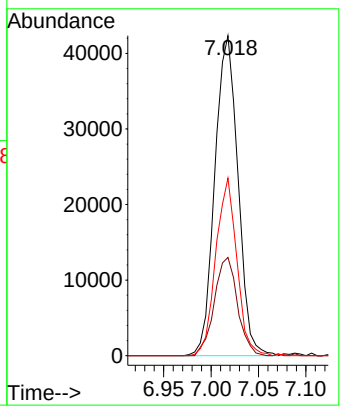


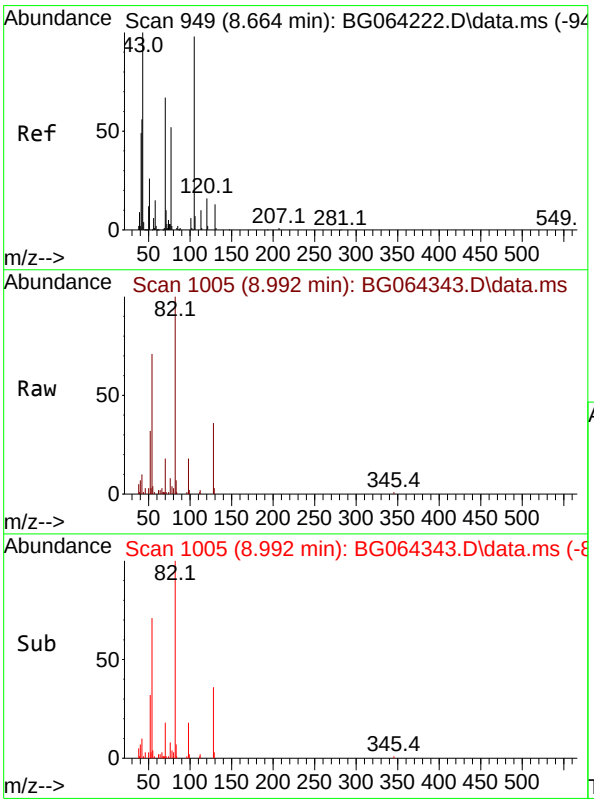
#7
Phenol-d6
Concen: 36.743 ng
RT: 7.018 min Scan# 6
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 71916

Ion	Ratio	Lower	Upper
99	100		
42	30.7	25.8	38.8
71	55.5	35.2	52.8#

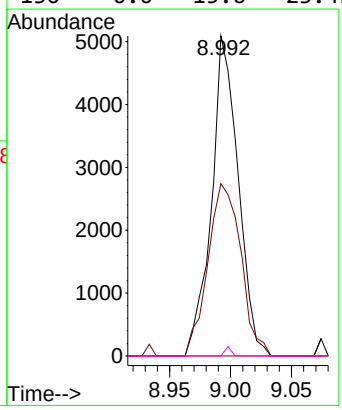


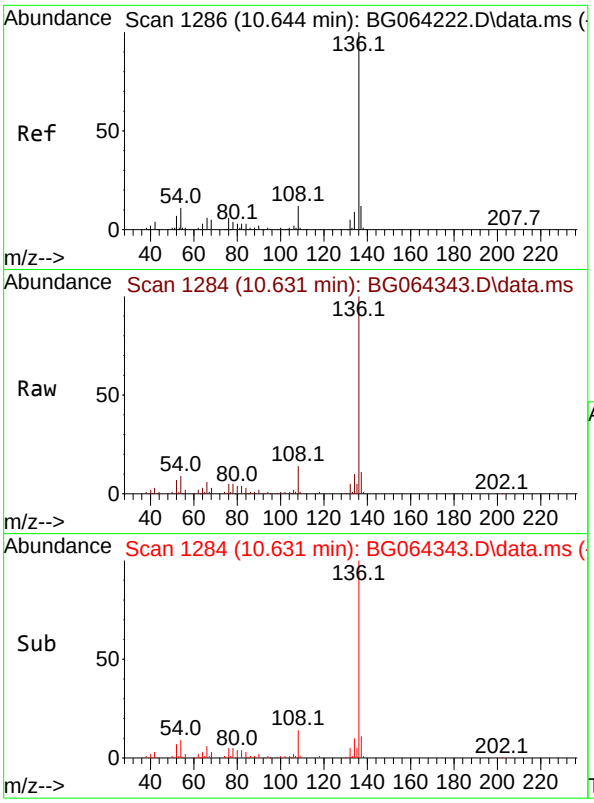


#19
n-Nitroso-di-n-propylamine
Concen: 5.185 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.328 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion: 70 Resp: 7767

Ion	Ratio	Lower	Upper
70	100		
42	53.8	67.9	101.9#
101	0.0	7.3	10.9#
130	0.0	15.6	23.4#



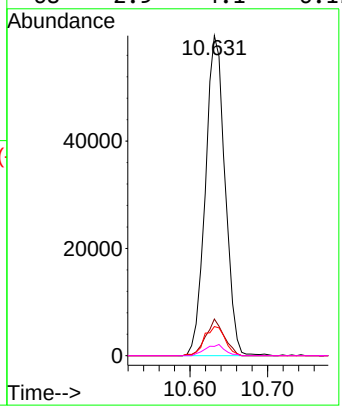


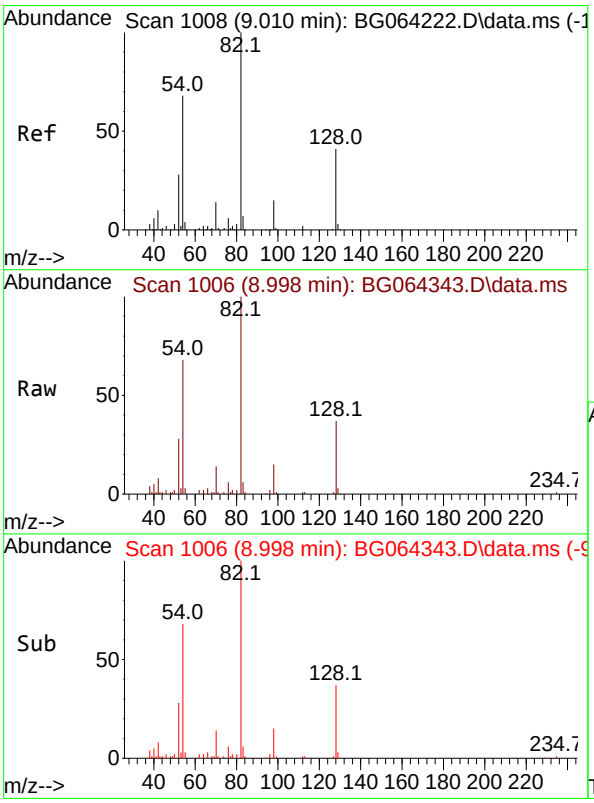
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 104479

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.1	8.8	13.2
68	2.9	4.1	6.1#

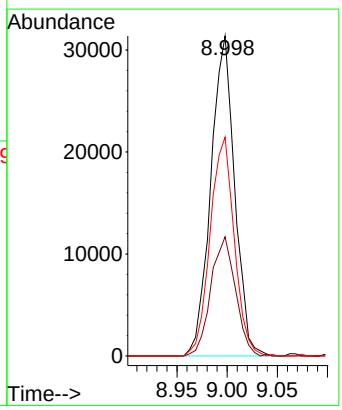


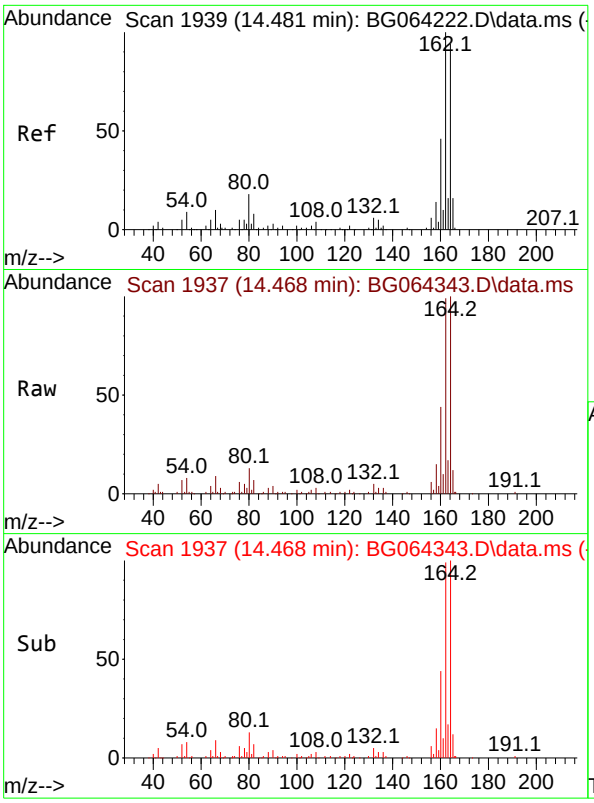


#23
Nitrobenzene-d5
Concen: 27.733 ng
RT: 8.998 min Scan# 1006
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion: 82 Resp: 51954

Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.6	48.8
54	68.4	54.7	82.1



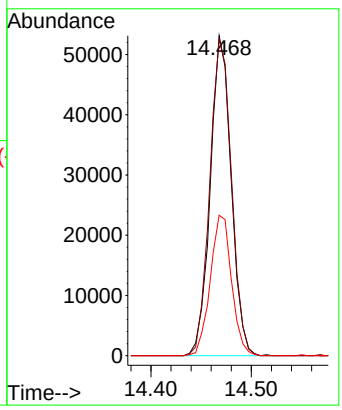


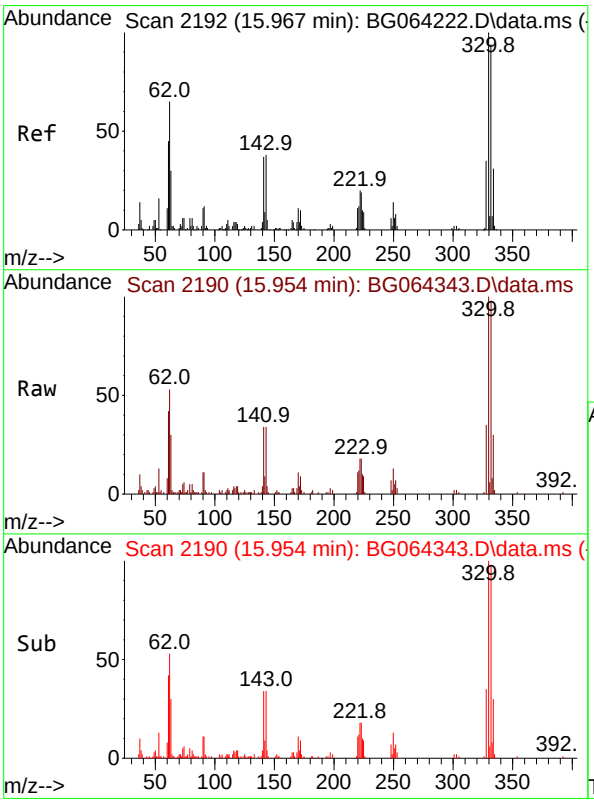
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 76839

Ion	Ratio	Lower	Upper
164	100		
162	98.9	85.4	128.0
160	43.9	39.2	58.8

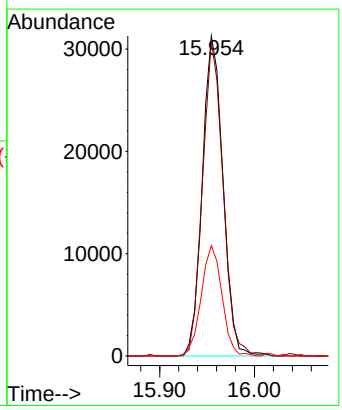


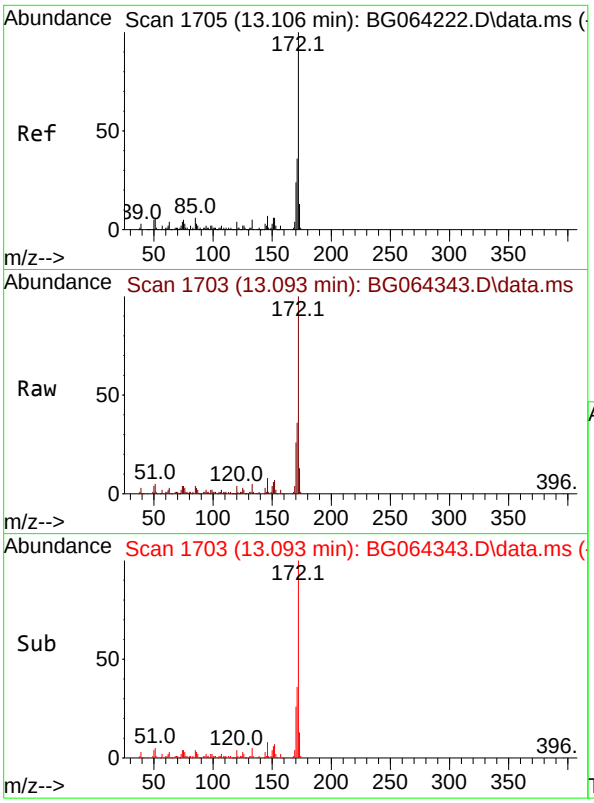


#42
2,4,6-Tribromophenol
Concen: 46.445 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:330 Resp: 47270

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	34.7	29.8	44.6



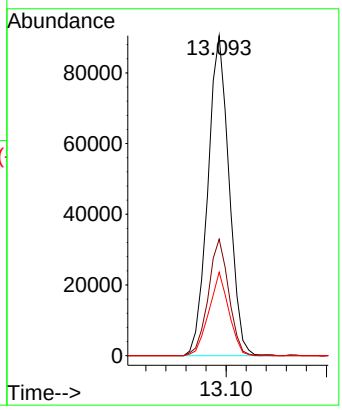


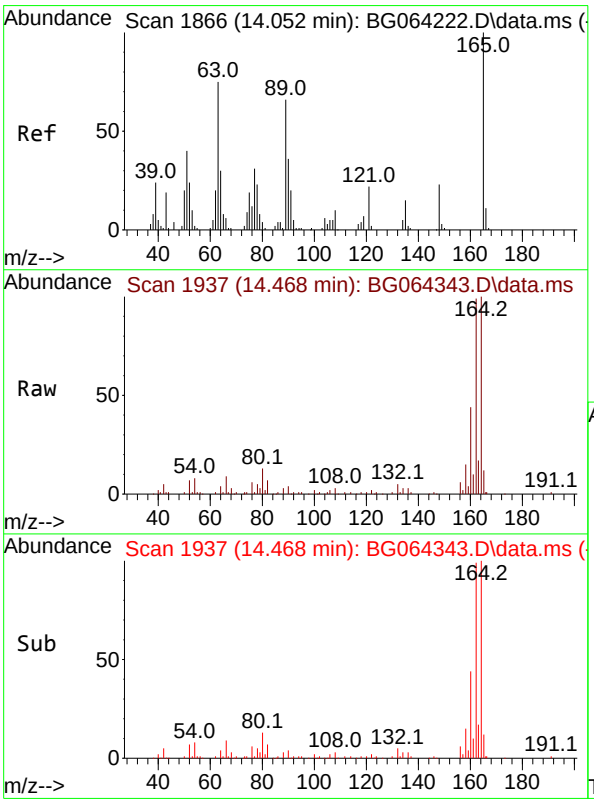
#45
2-Fluorobiphenyl
Concen: 26.398 ng
RT: 13.093 min Scan# 1
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 132891

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	26.1	19.0	28.6

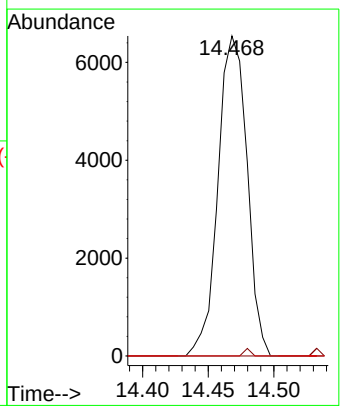


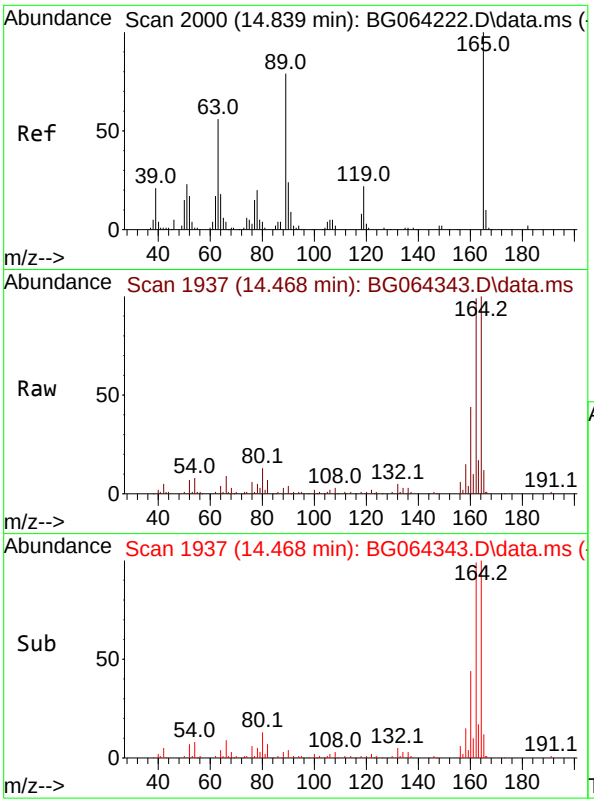


#51
2,6-Dinitrotoluene
Concen: 8.936 ng
RT: 14.468 min Scan# 1937
Delta R.T. 0.410 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:165 Resp: 10061

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



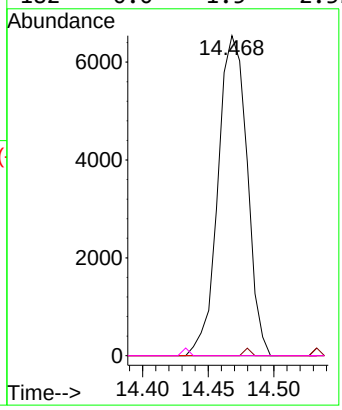


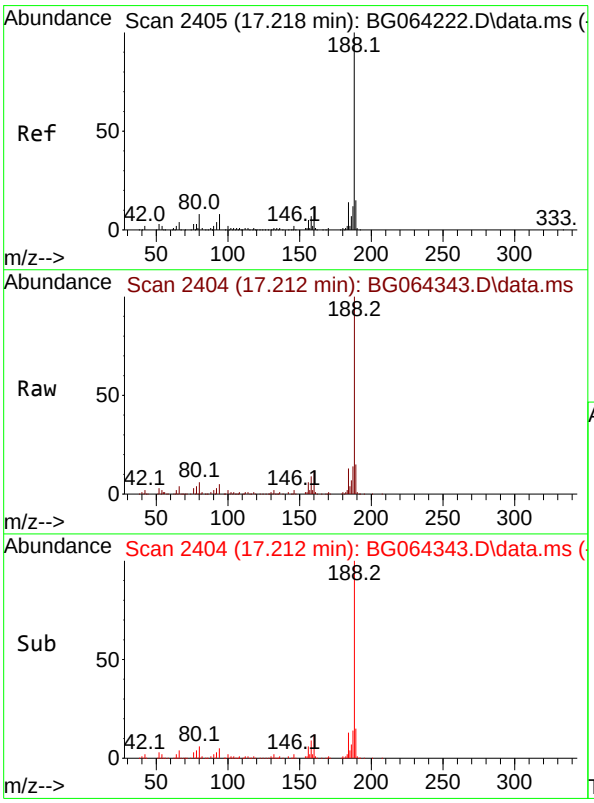
#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 14.468 min Scan# 1
Delta R.T. -0.377 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10061

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#

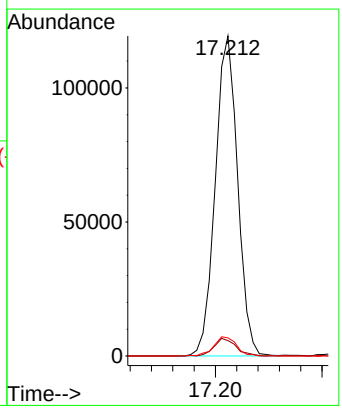


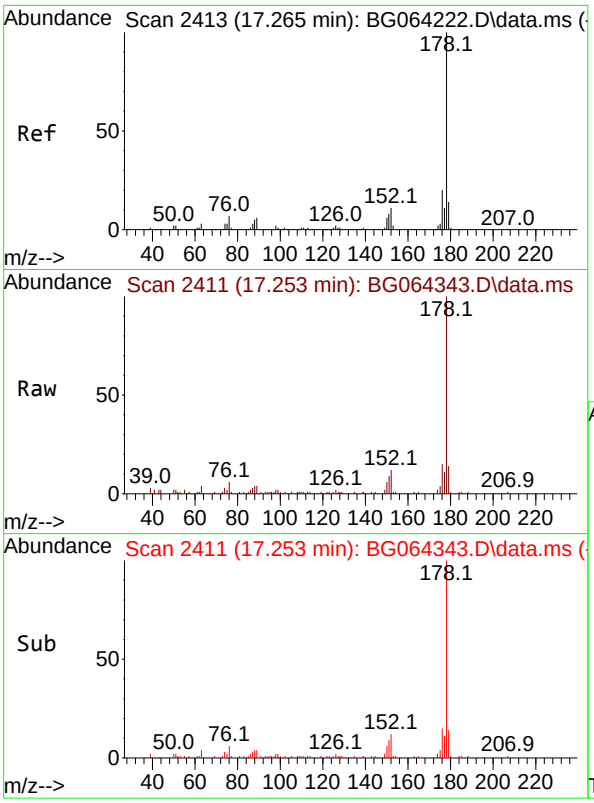


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:188 Resp: 173584

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.2	9.4#
80	5.7	6.8	10.2#



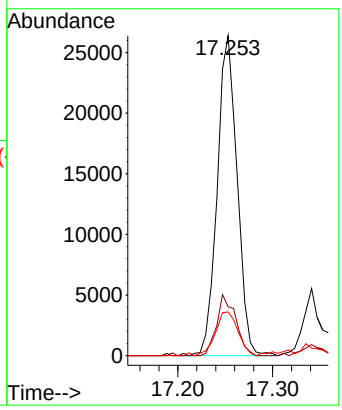


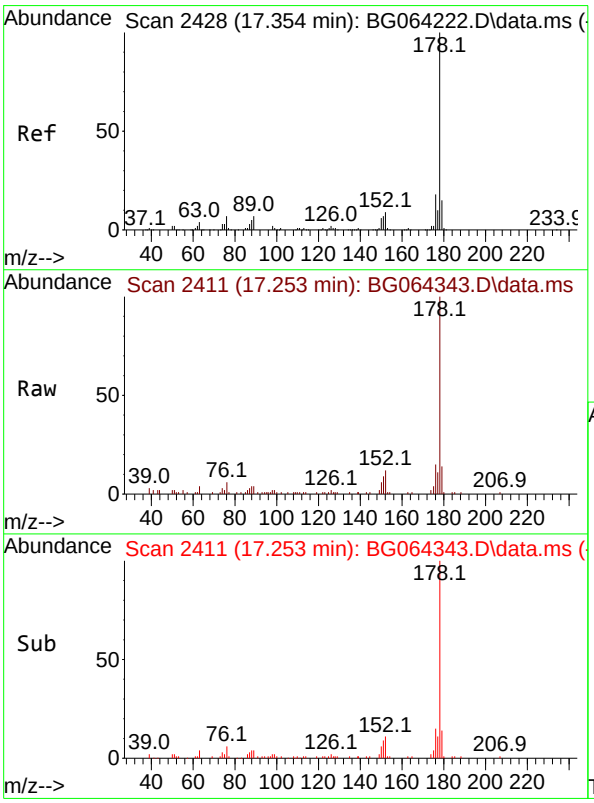
#71
Phenanthrene
Concen: 4.224 ng
RT: 17.253 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 38669

Ion	Ratio	Lower	Upper
178	100		
176	15.3	15.9	23.9#
179	13.6	11.4	17.2

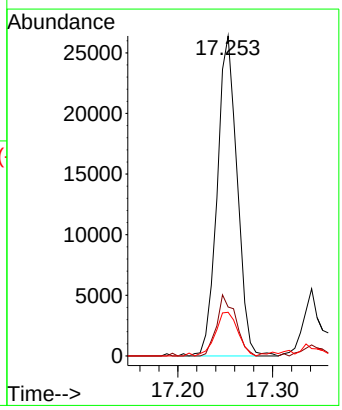


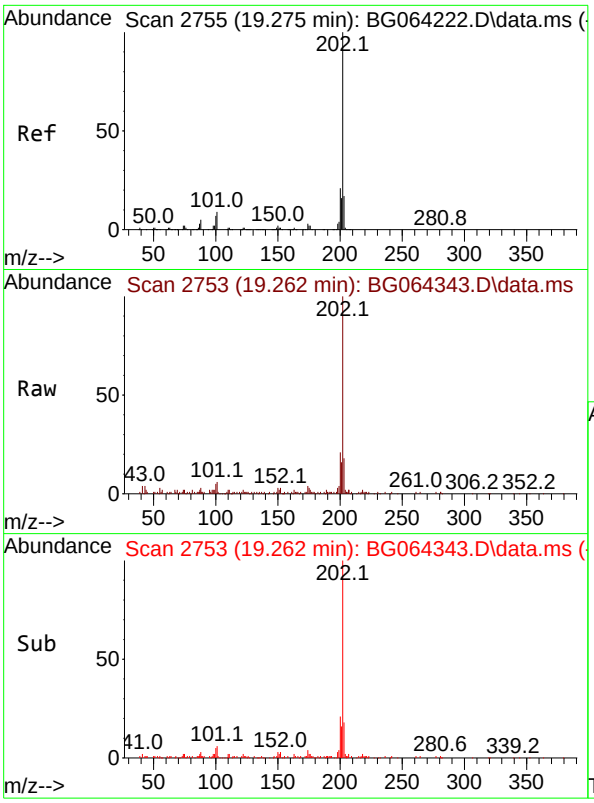


#72
Anthracene
Concen: 4.152 ng
RT: 17.253 min Scan# 2411
Delta R.T. -0.107 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:178 Resp: 38669

Ion	Ratio	Lower	Upper
178	100		
176	15.3	14.7	22.1
179	13.6	12.1	18.1



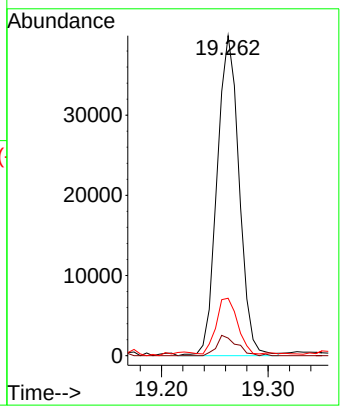


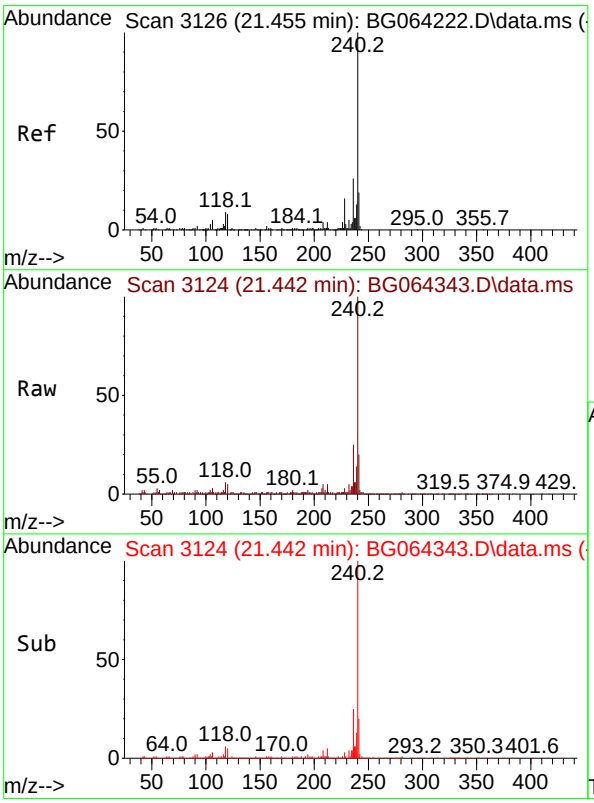
#75
Fluoranthene
Concen: 5.327 ng
RT: 19.262 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 57341

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	28.7
203	18.0	0.0	36.9

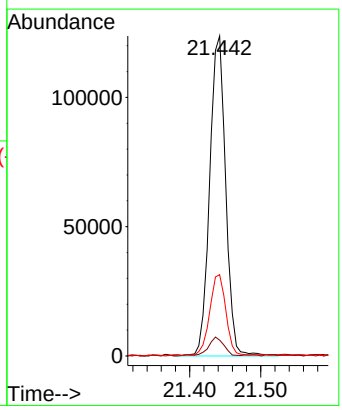


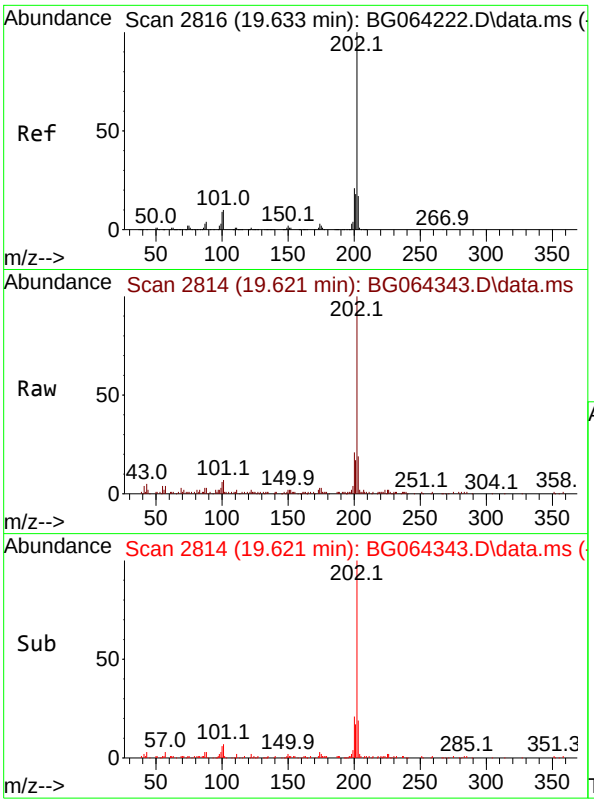


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:240 Resp: 193505

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.2	9.4#
236	25.4	20.5	30.7



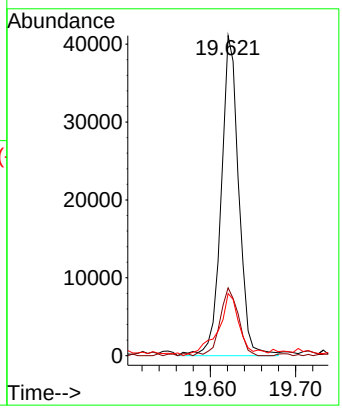


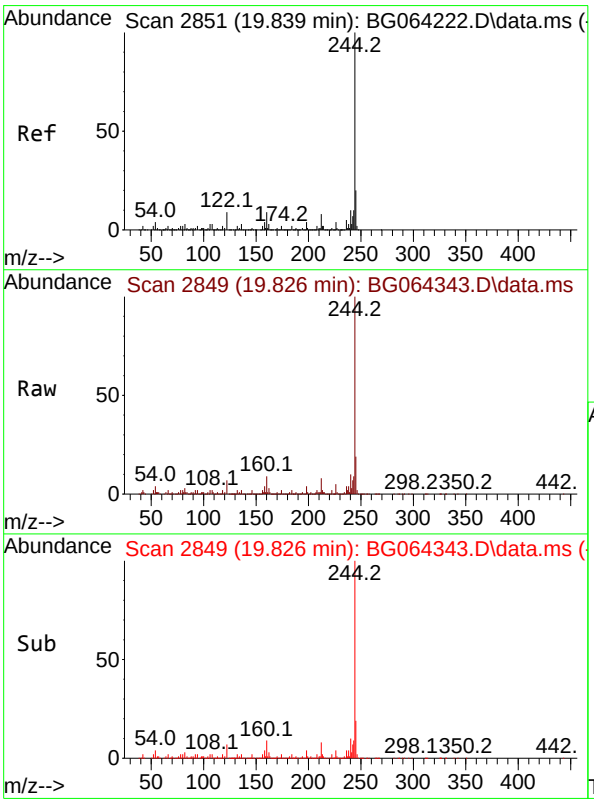
#78
Pyrene
Concen: 4.828 ng
RT: 19.621 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 58859

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	19.4	13.8	20.8

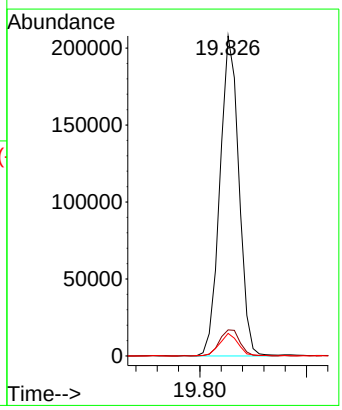


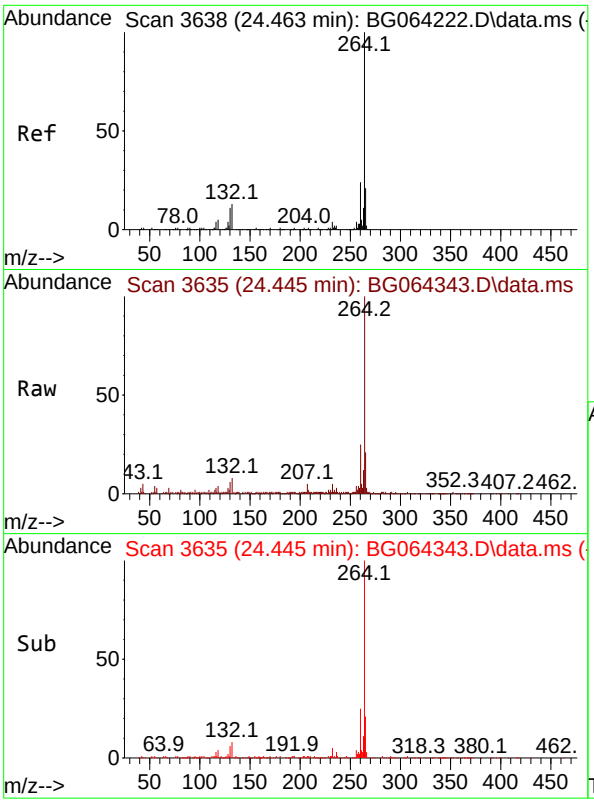


#79
Terphenyl-d14
Concen: 27.667 ng
RT: 19.826 min Scan# 2849
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:244 Resp: 256610

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	7.1	7.0	10.6



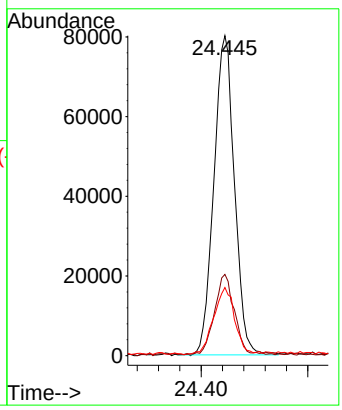


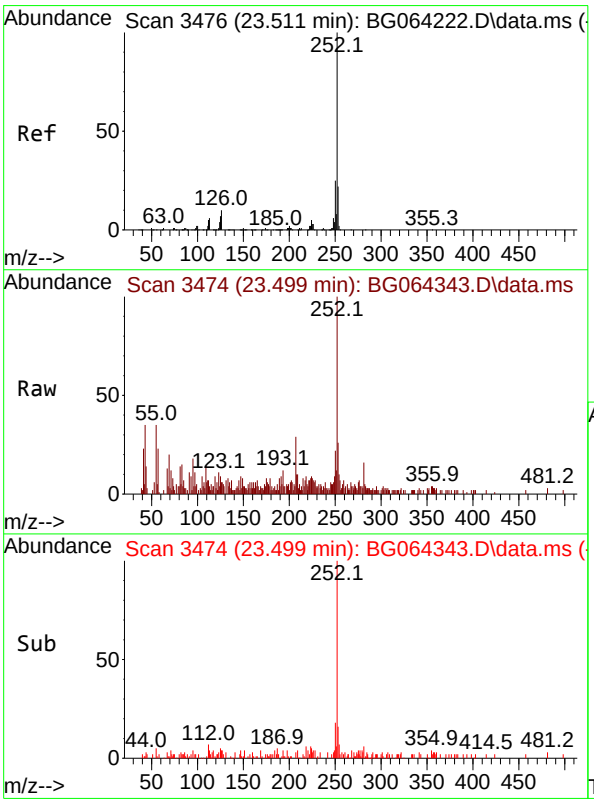
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.445 min Scan# 3
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 214732

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.9	28.3
265	21.3	16.7	25.1

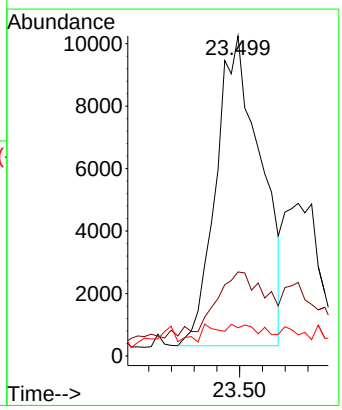


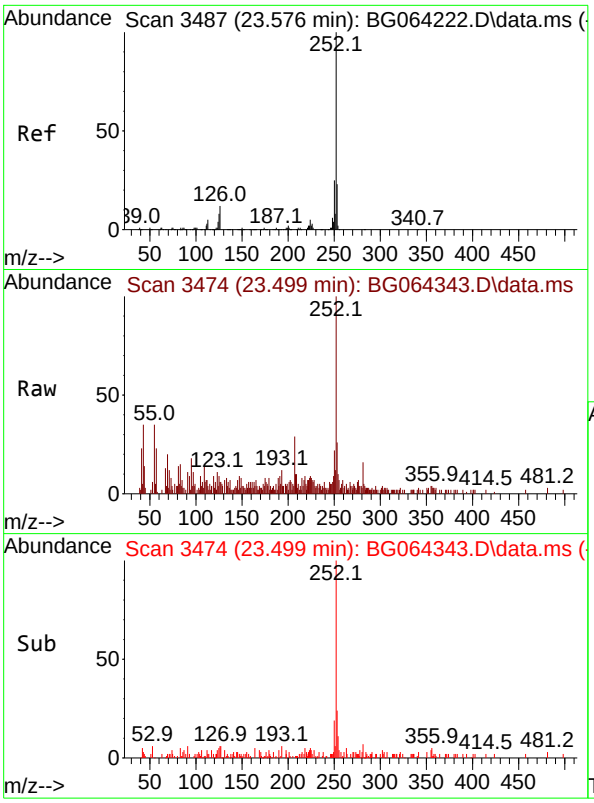


#88
Benzo(b)fluoranthene
Concen: 2.232 ng
RT: 23.499 min Scan# 3474
Delta R.T. -0.019 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Tgt Ion:252 Resp: 27047

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	8.8	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 2.191 ng
RT: 23.499 min Scan# 3
Delta R.T. -0.089 min
Lab File: BG064343.D
Acq: 10 Sep 2025 22:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 27047

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.4
125	8.8	7.0	10.4