Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064669.D
Acq On : 31 Oct 2025 23:45
Operator : RC/JU
Sample : Q3499-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR251235

Quant Time: Nov 01 00:21:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	45541	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	174012	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	120092	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	205871	20.000	ng	# 0.02
76) Chrysene-d12	21.866	240	256123	20.000	ng	0.00
86) Perylene-d12	25.203	264	303423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	18611	6.859	ng	0.00
7) Phenol-d6	7.353	99	25256	6.784	ng	0.00
23) Nitrobenzene-d5	9.380	82	17213	5.941	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	13596	7.844	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	49435	6.239	ng	0.00
79) Terphenyl-d14	20.185	244	79955	5.891	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.647	178	115319	10.243	ng	# 48

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

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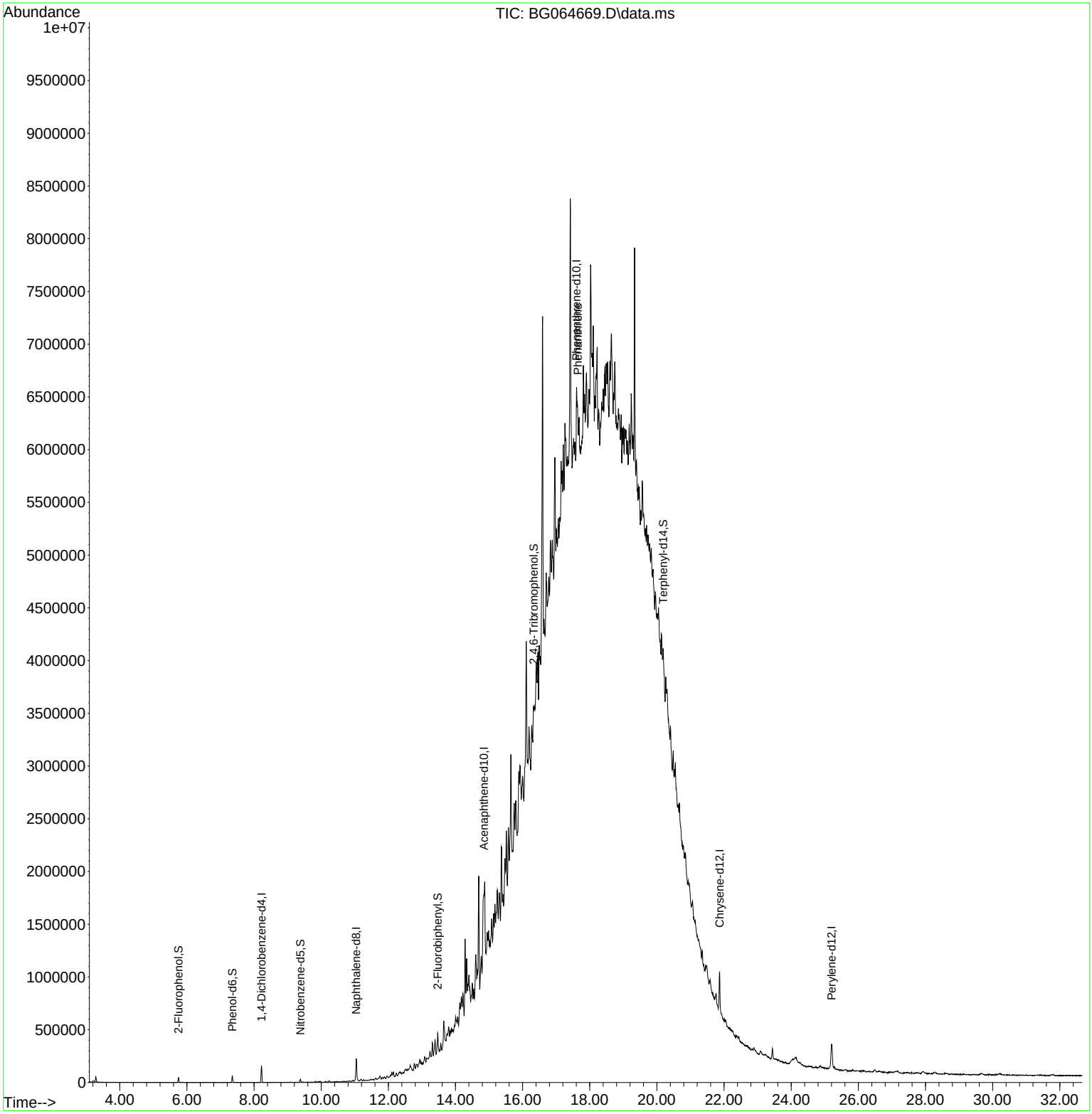
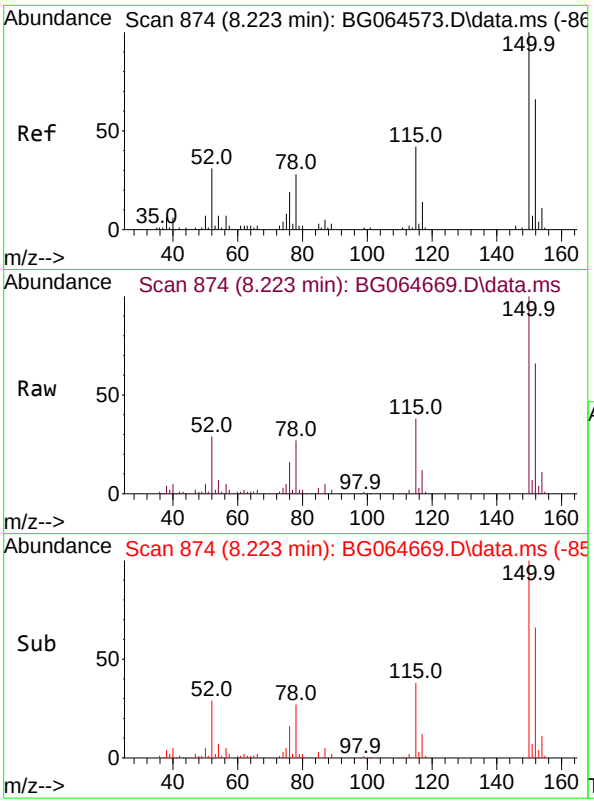


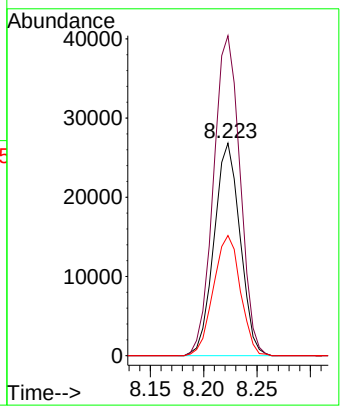


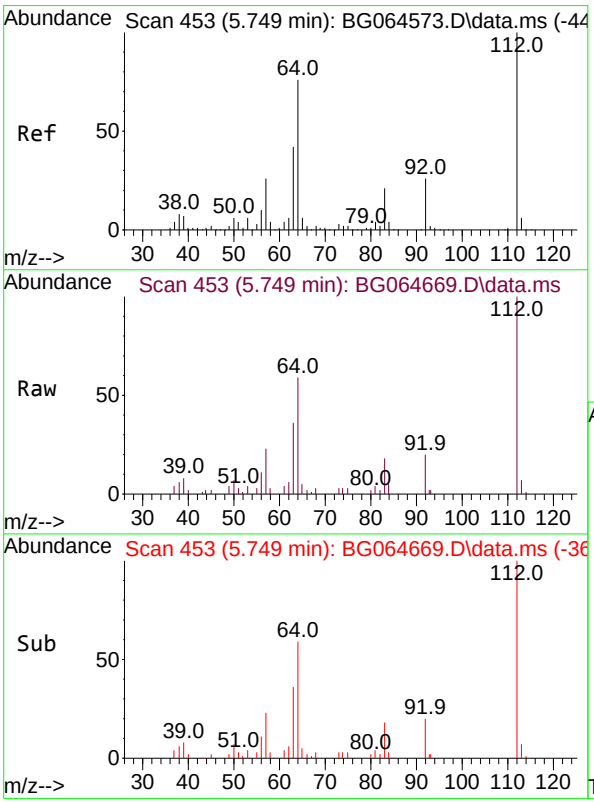
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion:152 Resp: 45541

Ion	Ratio	Lower	Upper
152	100		
150	150.7	122.2	183.4
115	56.6	50.8	76.2

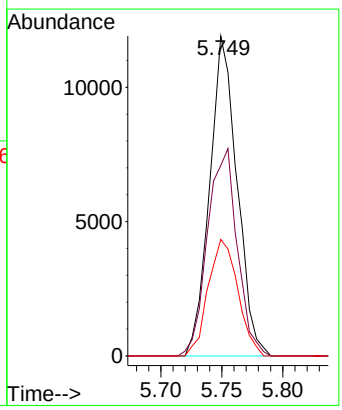


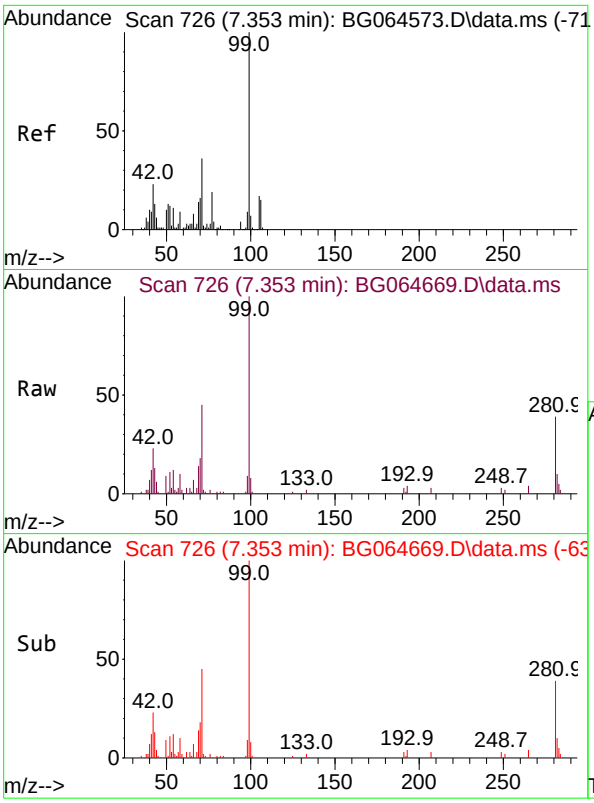


#5
2-Fluorophenol
Concen: 6.859 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Tgt Ion:112 Resp: 18611

Ion	Ratio	Lower	Upper
112	100		
64	59.5	60.7	91.1#
63	36.4	33.4	50.0



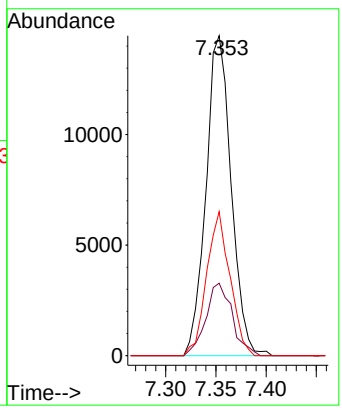


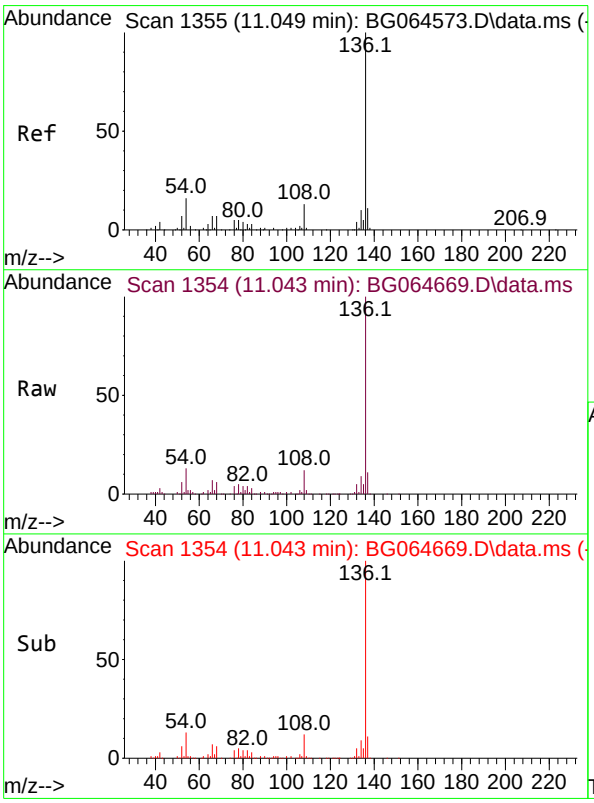
#7
Phenol-d6
Concen: 6.784 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion: 99 Resp: 25256

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.3	27.5
71	45.0	28.6	43.0#

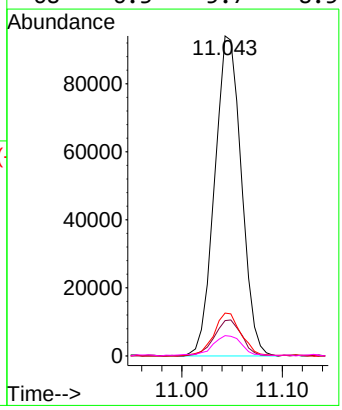


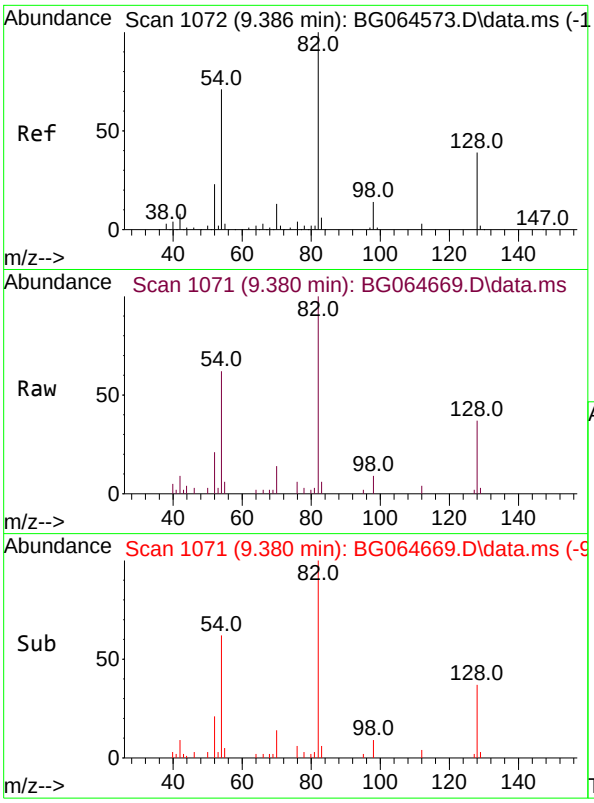


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Tgt Ion:136 Resp: 174012

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	13.4	12.6	19.0
68	6.3	5.7	8.5



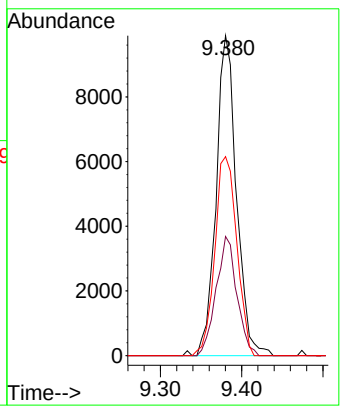


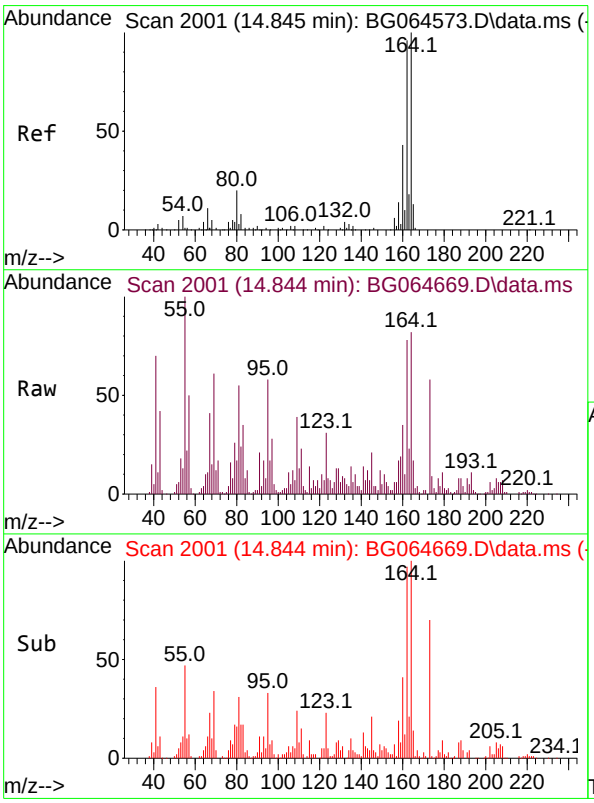
#23
Nitrobenzene-d5
Concen: 5.941 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion: 82 Resp: 17213

Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.3	46.9
54	62.2	56.6	84.8

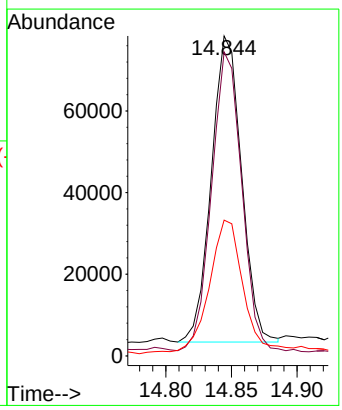


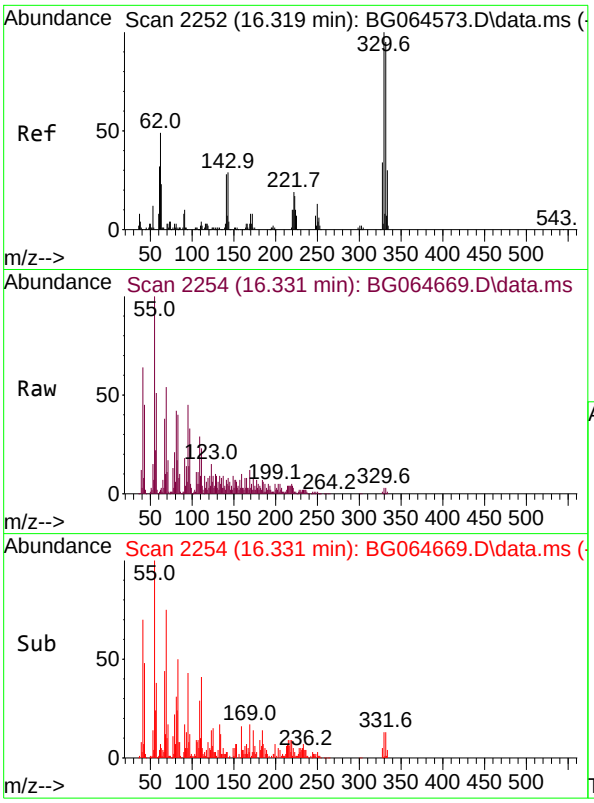


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Tgt Ion:164 Resp: 120092

Ion	Ratio	Lower	Upper
164	100		
162	95.0	77.0	115.6
160	42.4	34.4	51.6



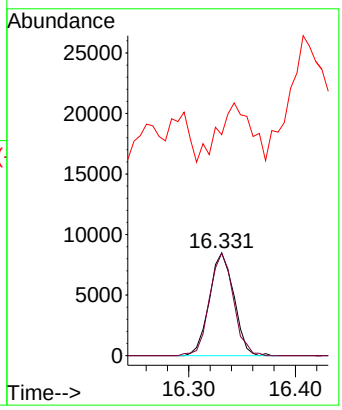


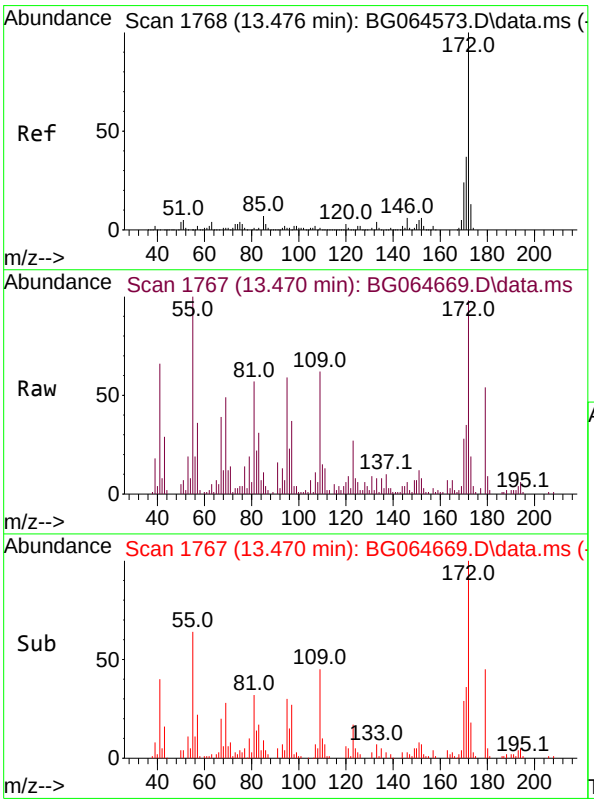
#42
2,4,6-Tribromophenol
Concen: 7.844 ng
RT: 16.331 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion:330 Resp: 13596

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	65.5	21.8	32.6#

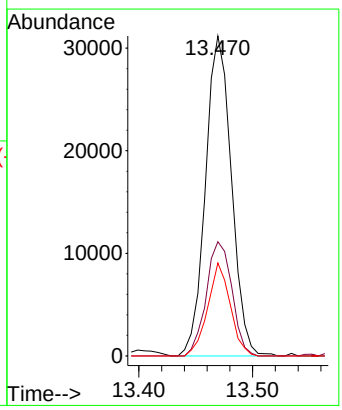


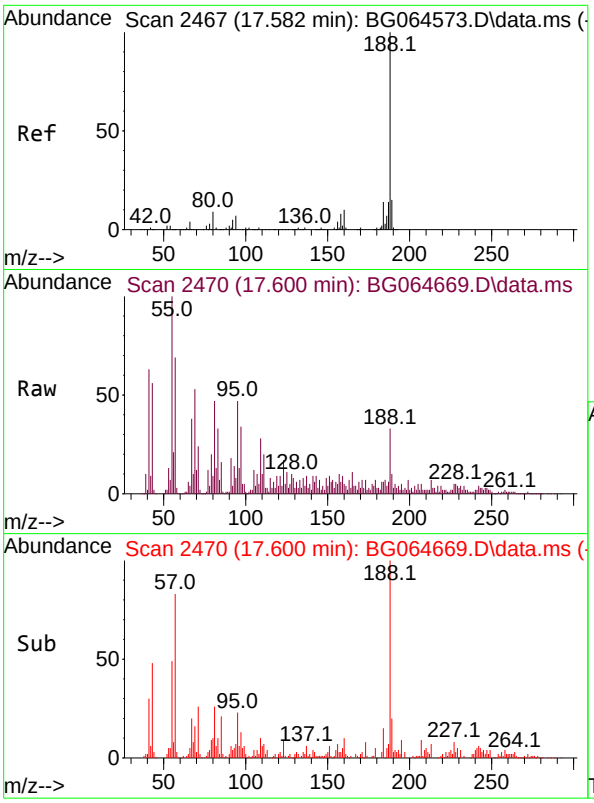


#45
2-Fluorobiphenyl
Concen: 6.239 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Tgt Ion:172 Resp: 49435

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	29.0	19.1	28.7#



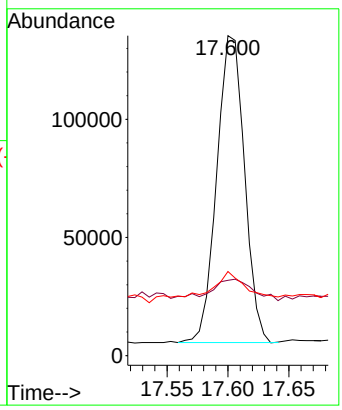


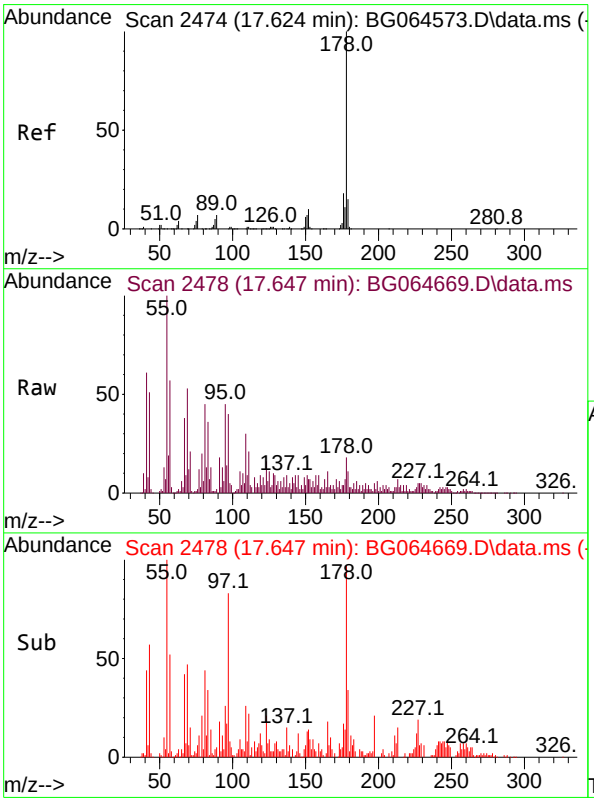
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 24
Delta R.T. 0.020 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion:188 Resp: 205871

Ion	Ratio	Lower	Upper
188	100		
94	23.5	5.7	8.5#
80	26.3	6.8	10.2#

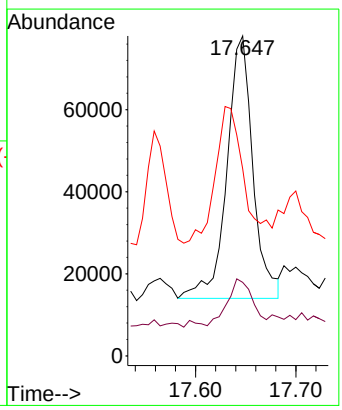


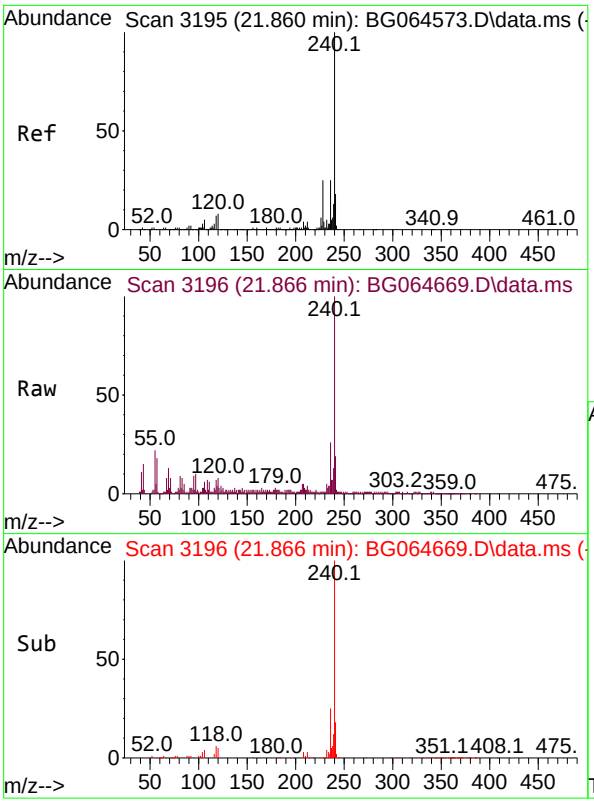


#71
Phenanthrene
Concen: 10.243 ng
RT: 17.647 min Scan# 2478
Delta R.T. 0.020 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Tgt Ion:178 Resp: 115319

Ion	Ratio	Lower	Upper
178	100		
176	23.0	14.7	22.1#
179	58.5	12.2	18.4#



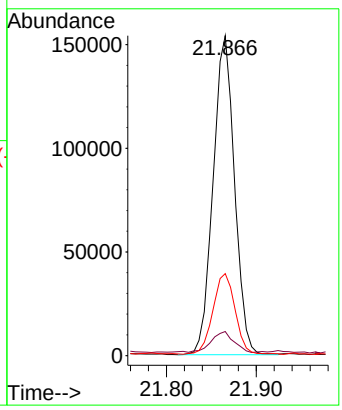


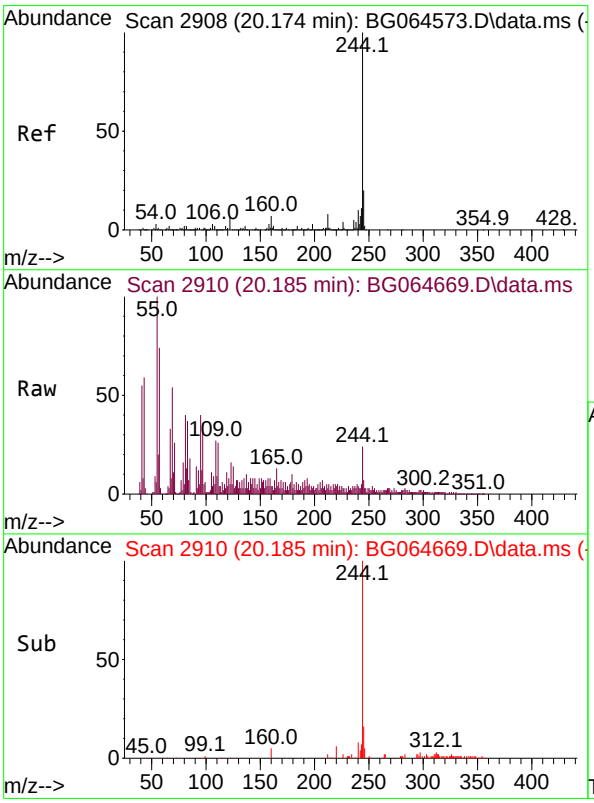
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion:240 Resp: 256123

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.5	9.7
236	25.6	20.2	30.2

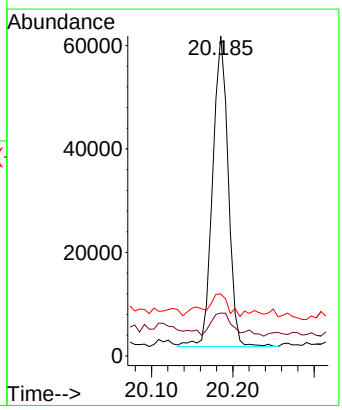


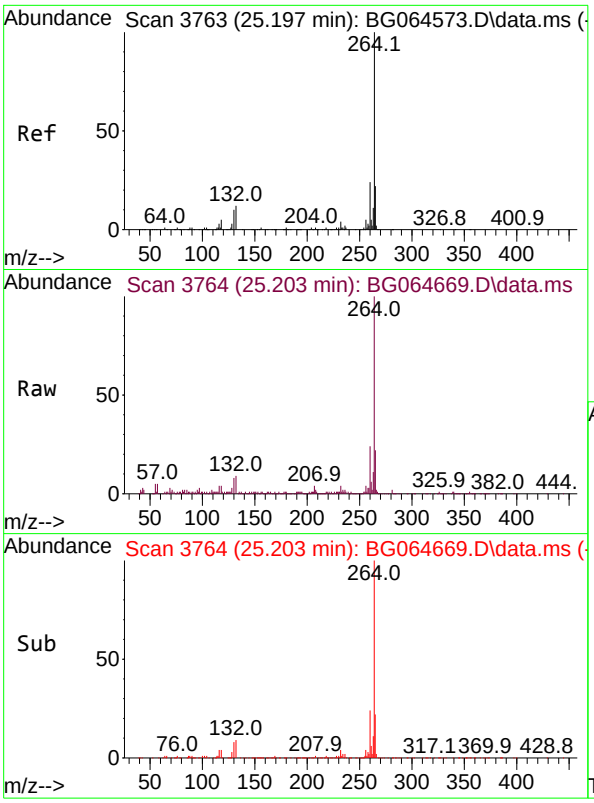


#79
Terphenyl-d14
Concen: 5.891 ng
RT: 20.185 min Scan# 2910
Delta R.T. 0.008 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Tgt Ion:244 Resp: 79955

Ion	Ratio	Lower	Upper
244	100		
212	13.4	6.1	9.1#
122	19.4	5.6	8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064669.D
Acq: 31 Oct 2025 23:45

Instrument :
BNA_G
ClientSampleId :
RBR251235

Tgt Ion:264 Resp: 303423

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	22.4	17.6	26.4