Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064652.D
Acq On : 30 Oct 2025 22:35
Operator : RC/JU
Sample : Q3482-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5

Quant Time: Oct 31 02:06:24 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	8.217	152	32684	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	123384	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	90672	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	202629	20.000	ng	0.00
76) Chrysene-d12	21.848	240	252991	20.000	ng	-0.02
86) Perylene-d12	25.191	264	287493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	138522	71.138	ng	0.00
7) Phenol-d6	7.353	99	206023	77.105	ng	0.00
23) Nitrobenzene-d5	9.380	82	132394	64.449	ng	0.00
42) 2,4,6-Tribromophenol	16.313	330	101690	77.705	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	355780	59.475	ng	0.00
79) Terphenyl-d14	20.162	244	743954	55.495	ng	-0.02
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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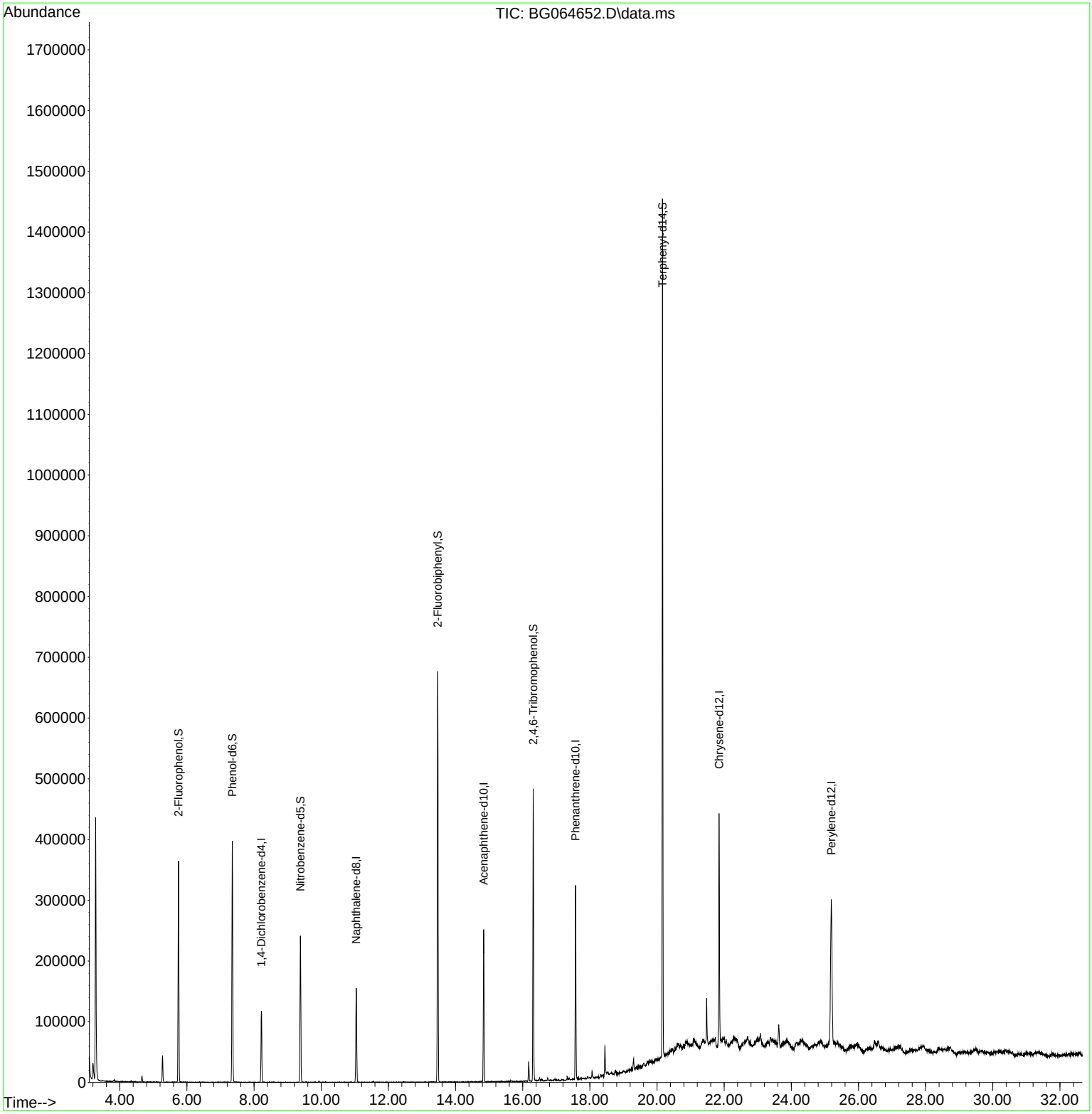
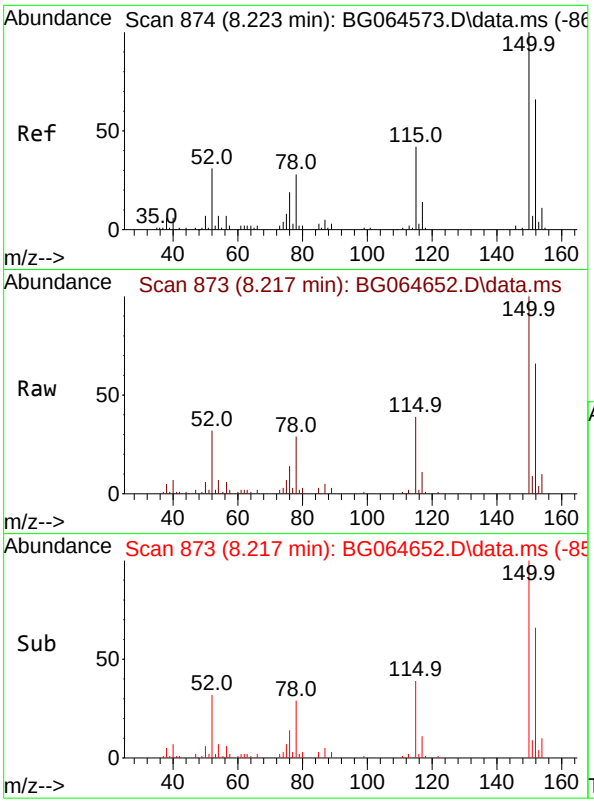
BNA_G
ClientSampleId :
WC-5

Quant Time: Oct 31 02:06:24 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



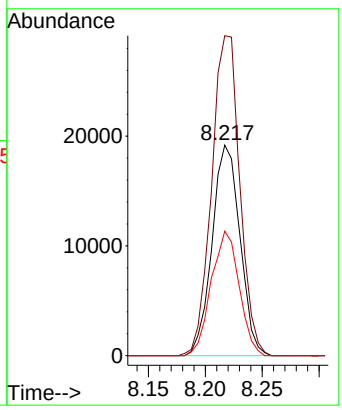


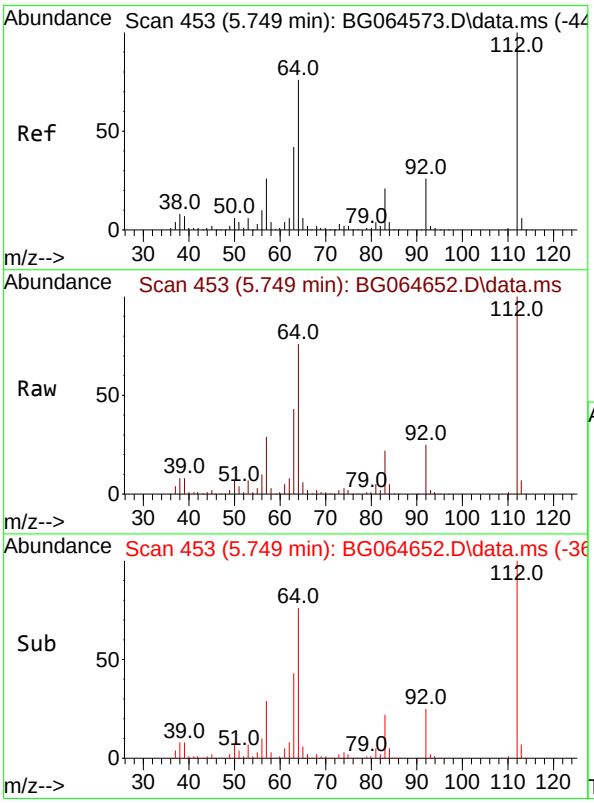
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:152 Resp: 32684

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.2	183.4
115	59.1	50.8	76.2

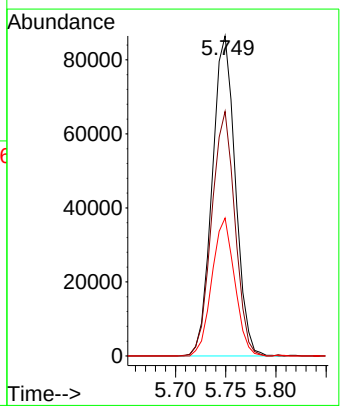


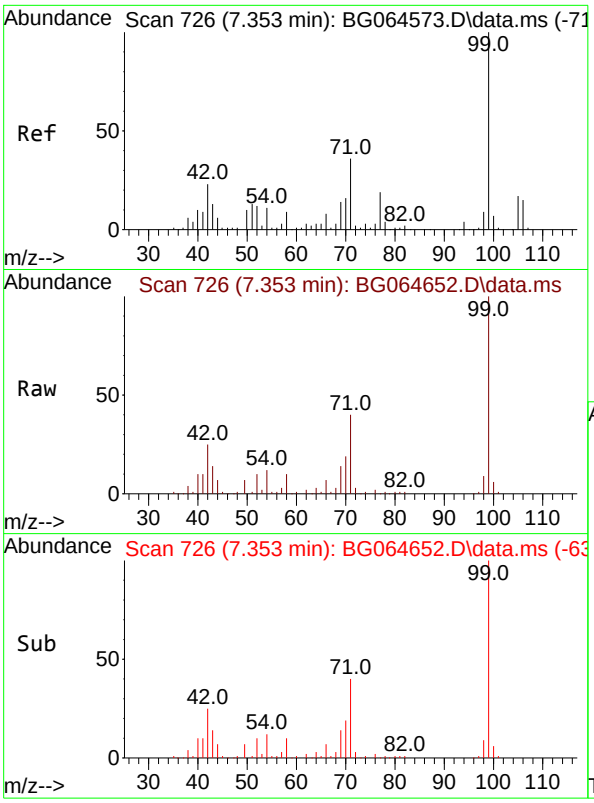


#5
2-Fluorophenol
Concen: 71.138 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:112 Resp: 138522

Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.7	91.1
63	43.1	33.4	50.0



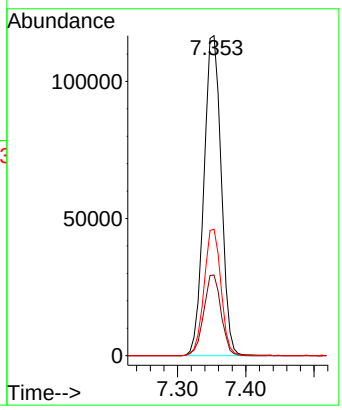


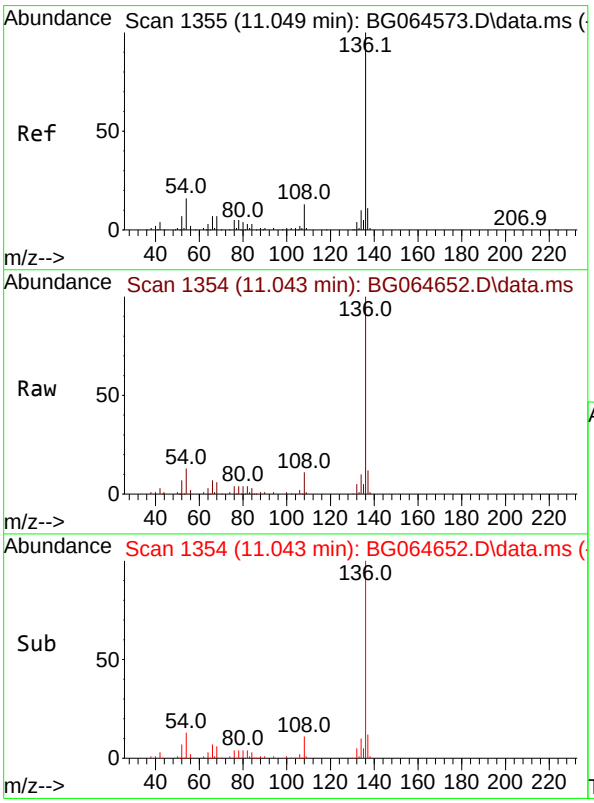
#7
Phenol-d6
Concen: 77.105 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 99 Resp: 206023

Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.3	27.5
71	39.5	28.6	43.0

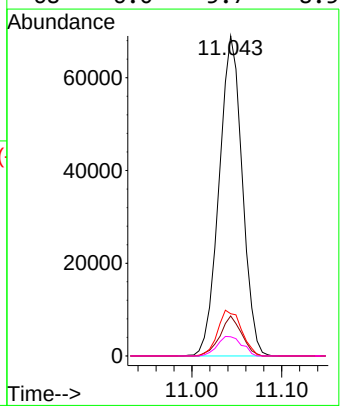


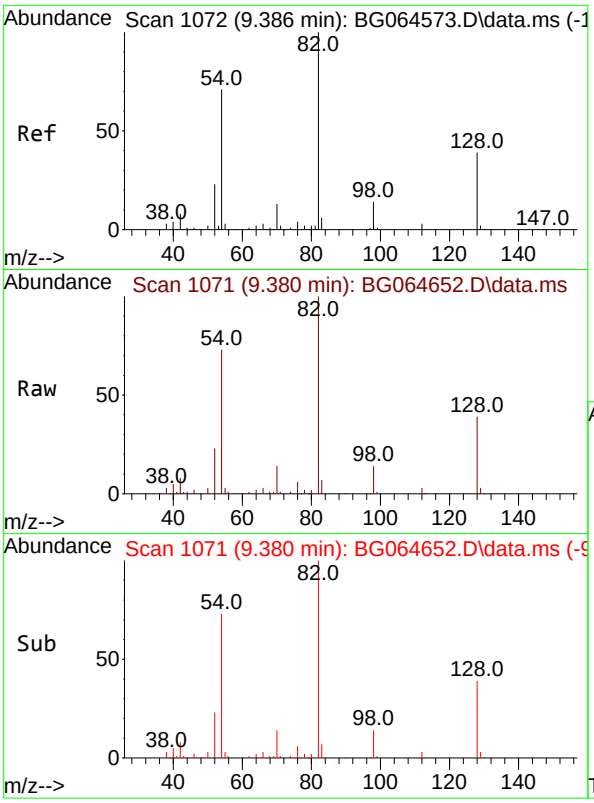


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:136 Resp: 123384

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	13.2	12.6	19.0
68	6.0	5.7	8.5



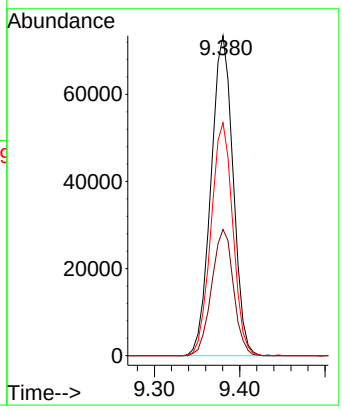


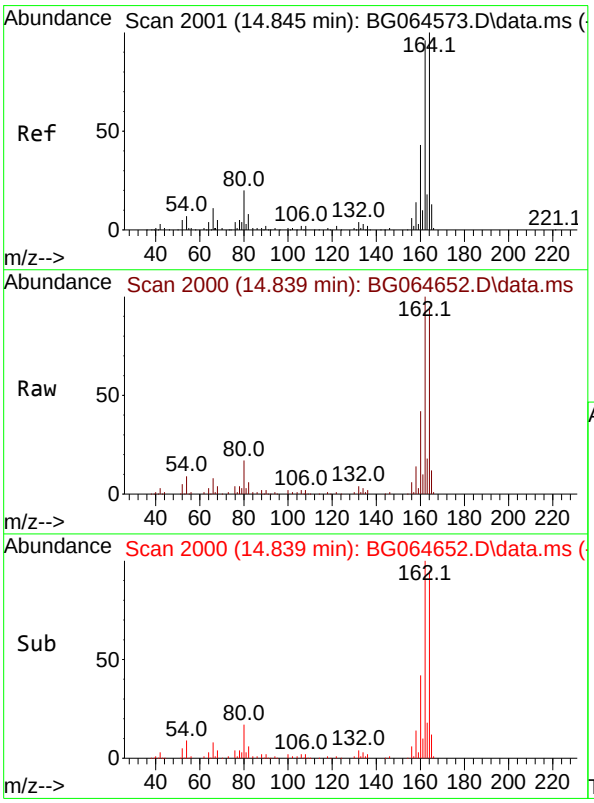
#23
Nitrobenzene-d5
Concen: 64.449 ng
RT: 9.380 min Scan# 1(
Delta R.T. -0.010 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 82 Resp: 132394

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	72.8	56.6	84.8

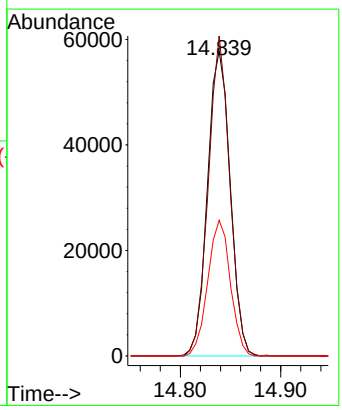


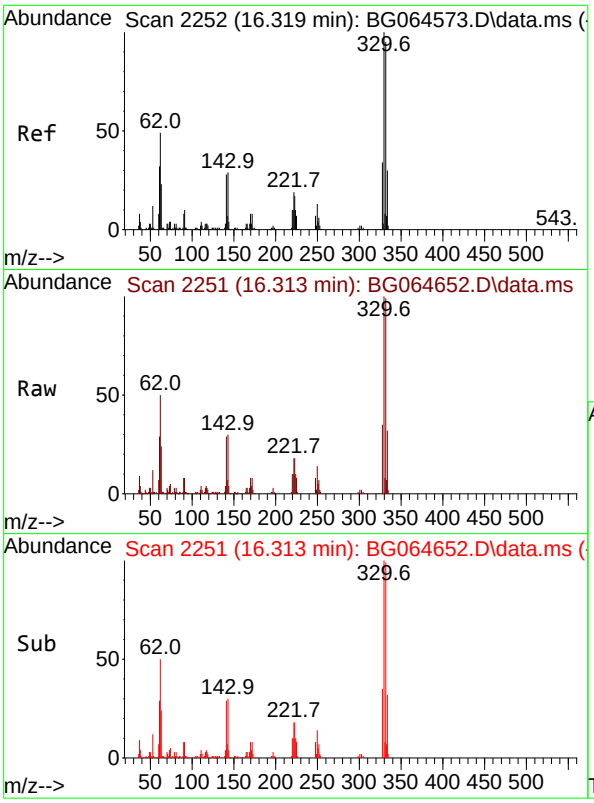


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:164 Resp: 90672

Ion	Ratio	Lower	Upper
164	100		
162	105.0	77.0	115.6
160	44.5	34.4	51.6



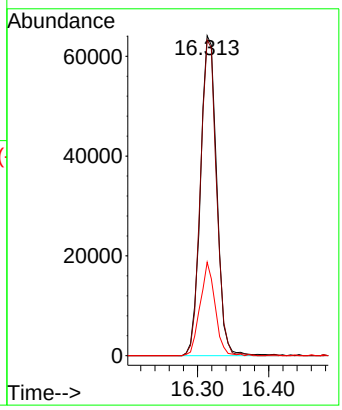


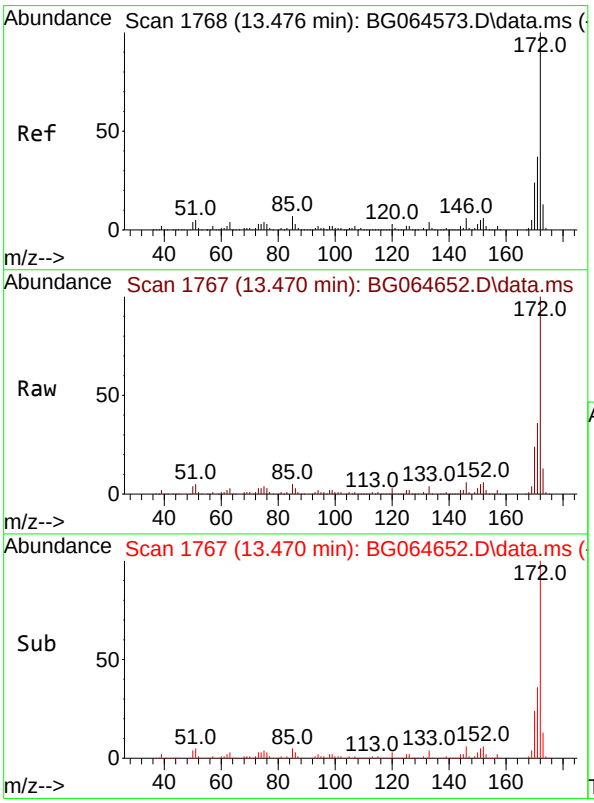
#42
2,4,6-Tribromophenol
Concen: 77.705 ng
RT: 16.313 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:330 Resp: 101690

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	27.1	21.8	32.6

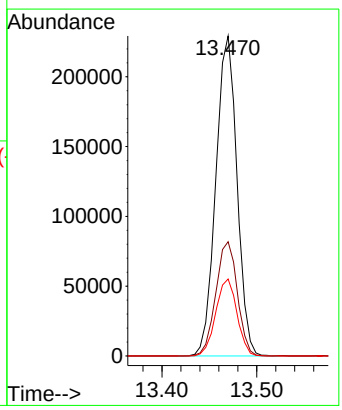


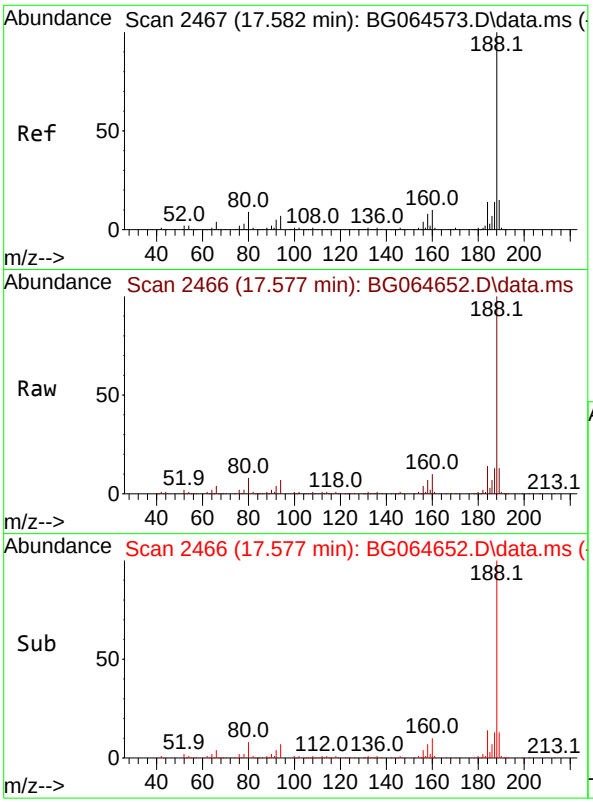


#45
2-Fluorobiphenyl
Concen: 59.475 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:172 Resp: 355780

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	19.1	28.7



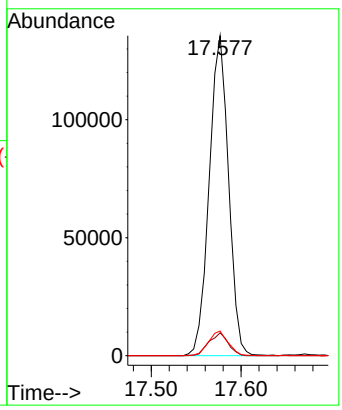


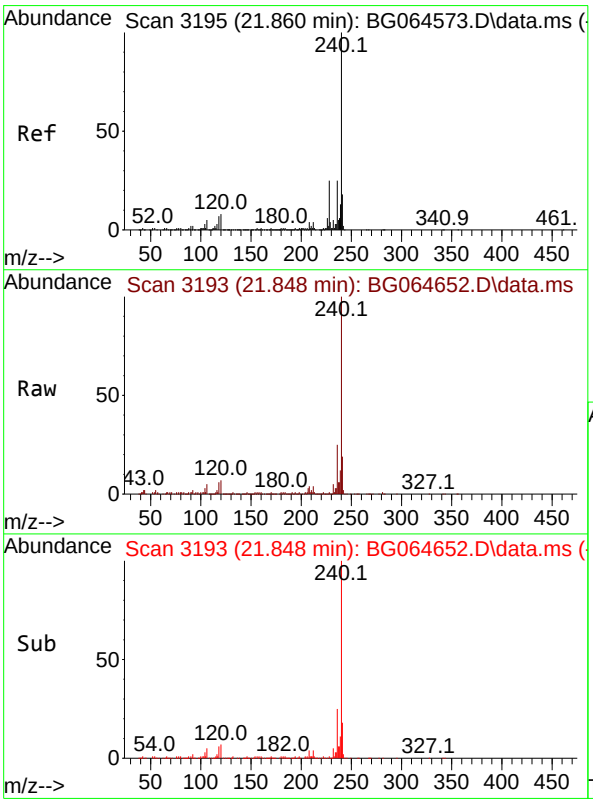
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:188 Resp: 202629

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.7	6.8	10.2

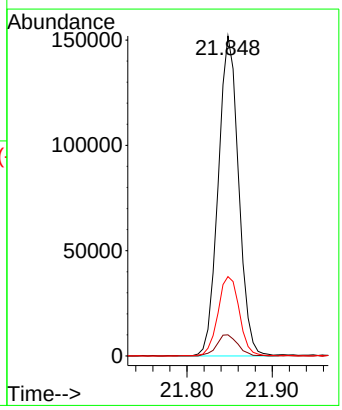


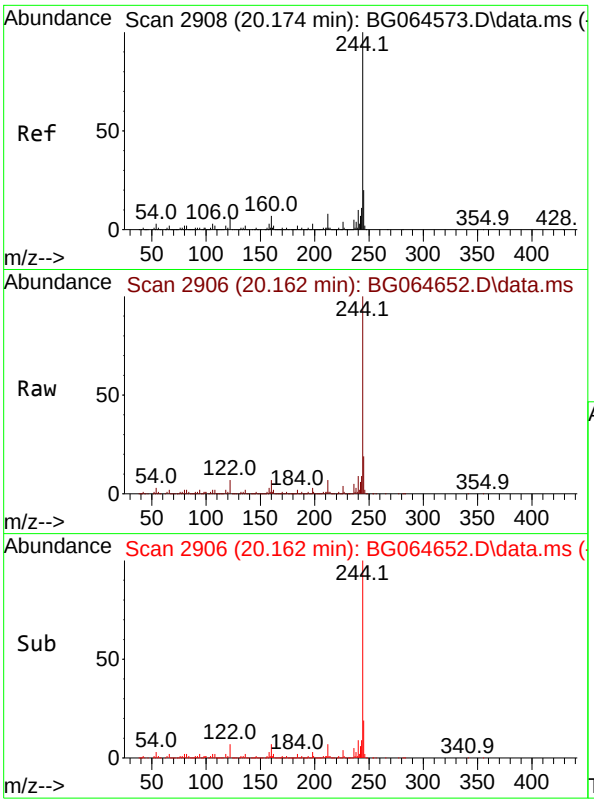


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:240 Resp: 252991

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.5	9.7
236	24.8	20.2	30.2



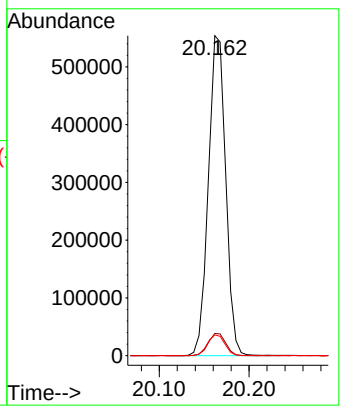


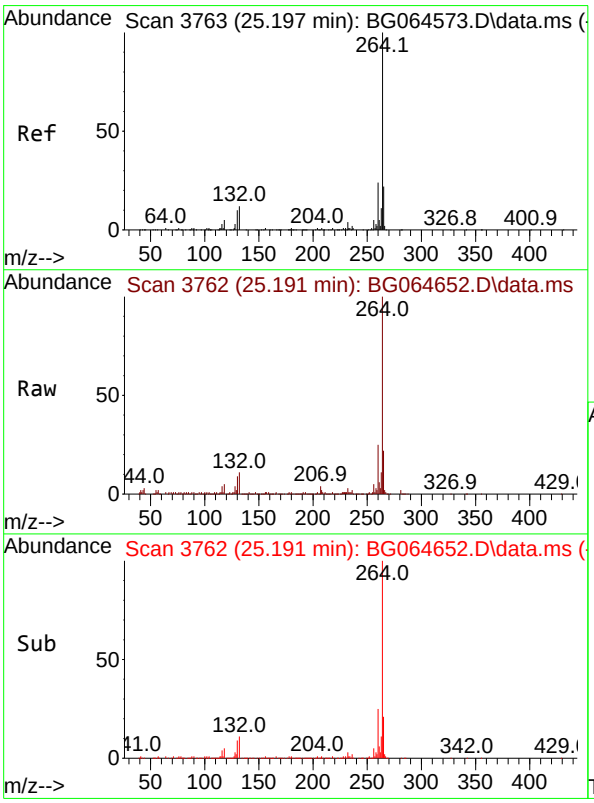
#79
Terphenyl-d14
Concen: 55.495 ng
RT: 20.162 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

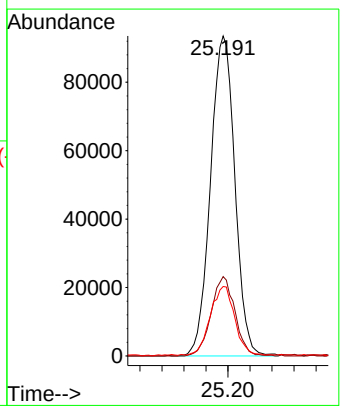
Tgt Ion:244 Resp: 743954

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	6.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3762
Delta R.T. -0.009 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:264 Resp: 287493

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	21.7	17.6	26.4