Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064656.D
Acq On : 31 Oct 2025 14:50
Operator : RC/JU
Sample : Q3447-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Quant Time: Oct 31 15:28:30 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	8.220	152	32281	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	126478	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	78090	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	257453	20.000	ng	0.00
76) Chrysene-d12	21.851	240	264435	20.000	ng	-0.01
86) Perylene-d12	25.189	264	83058	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	253828	131.981	ng	0.00
7) Phenol-d6	7.357	99	274095	103.861	ng	0.00
23) Nitrobenzene-d5	9.384	82	220371	104.651	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	231266	205.192	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	562842	109.249	ng	0.00
79) Terphenyl-d14	20.171	244	1397484	99.733	ng	0.00
Target Compounds						Qvalue

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

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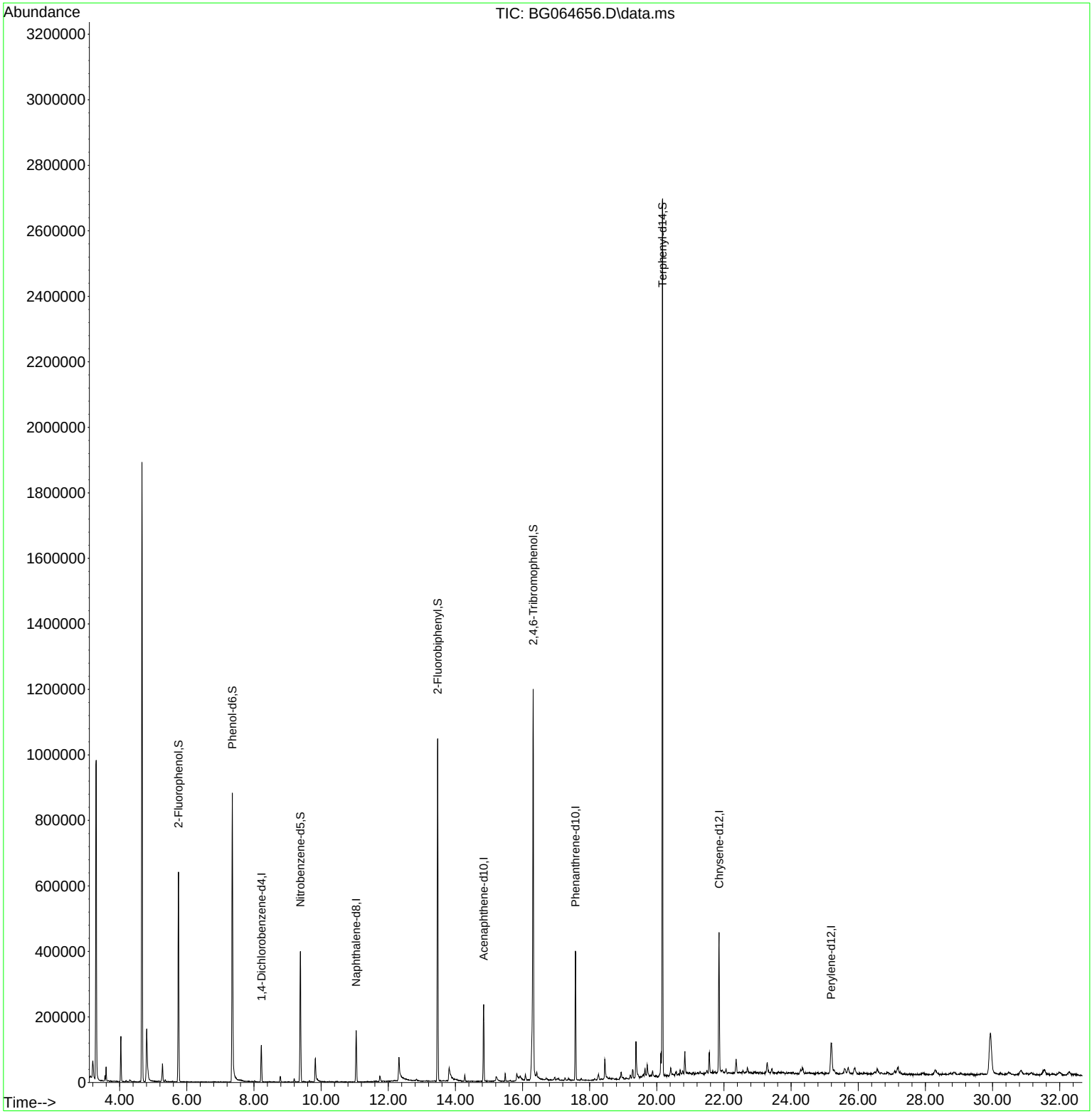
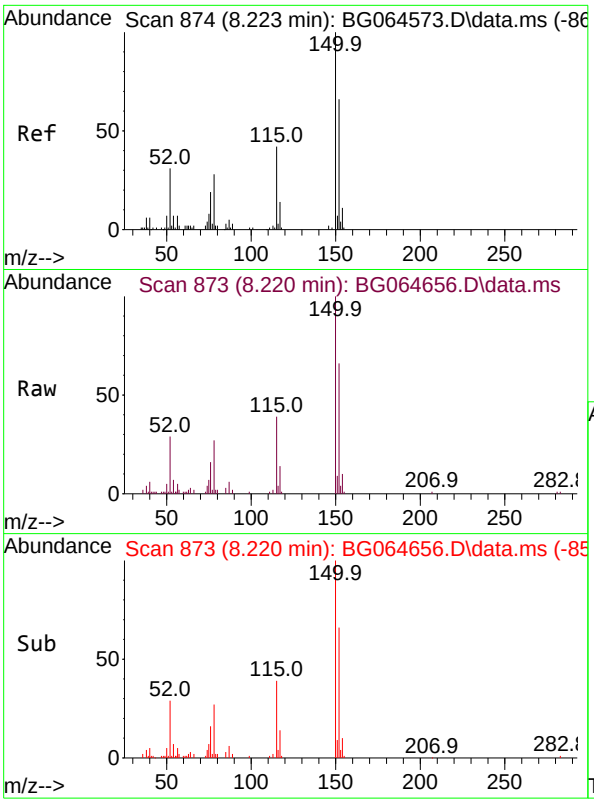
Response via : Initial Calibration



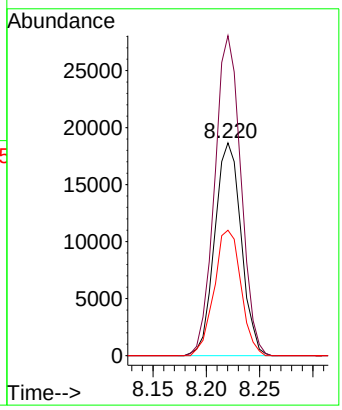


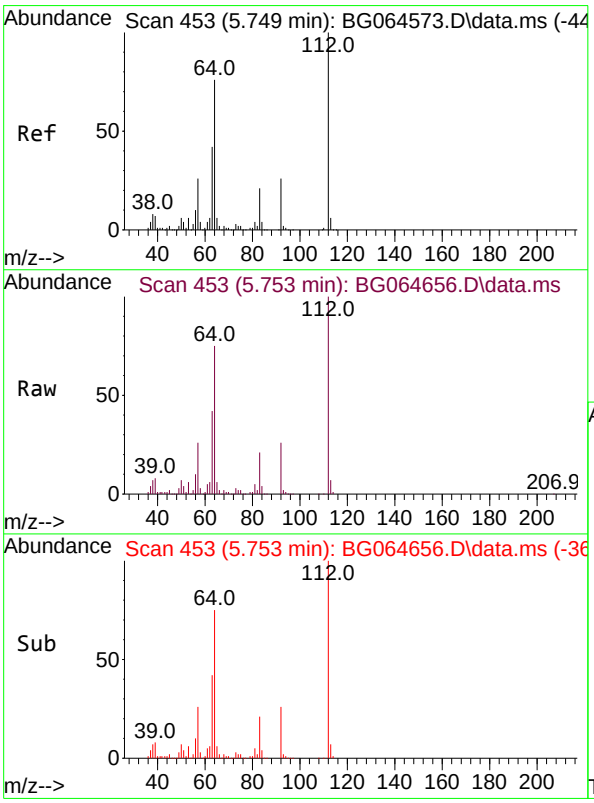
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Tgt Ion:152 Resp: 32281

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.2	183.4
115	58.9	50.8	76.2

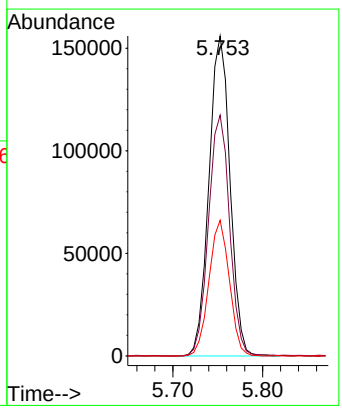


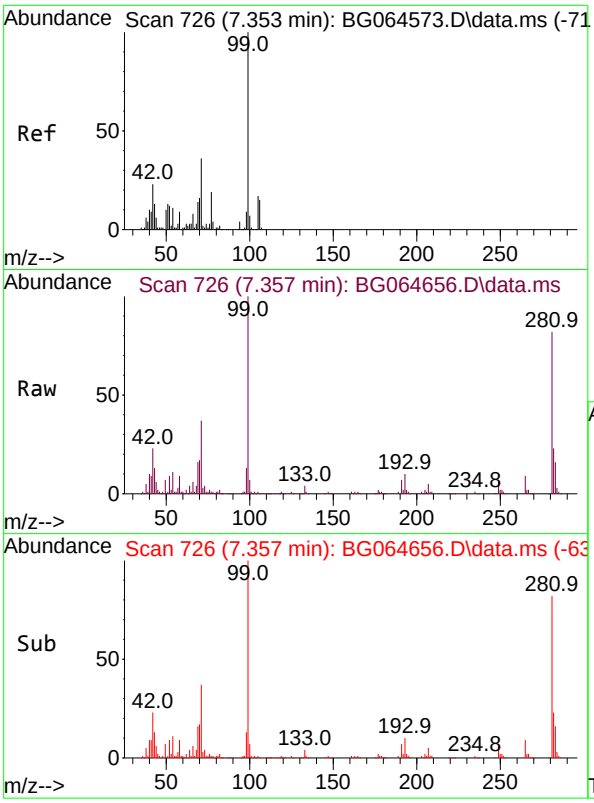


#5
2-Fluorophenol
Concen: 131.981 ng
RT: 5.753 min Scan# 453
Delta R.T. 0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:112 Resp: 253828

Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.7	91.1
63	42.4	33.4	50.0



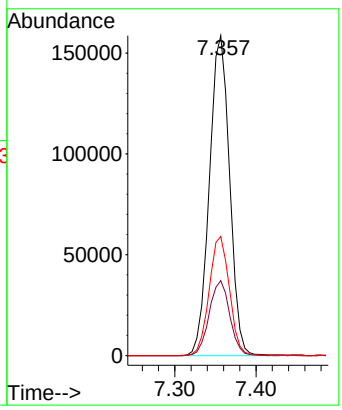


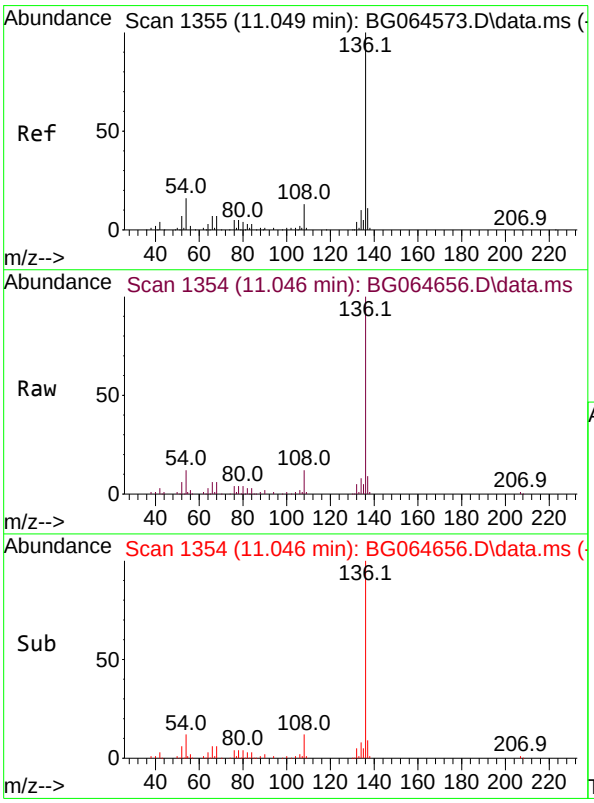
#7
Phenol-d6
Concen: 103.861 ng
RT: 7.357 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Tgt Ion: 99 Resp: 274095

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	37.2	28.6	43.0

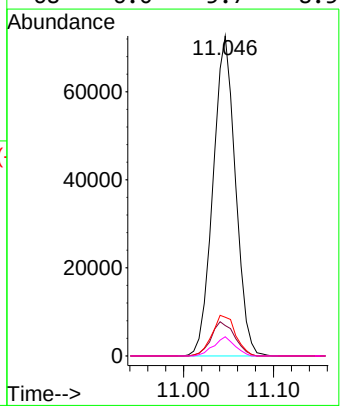


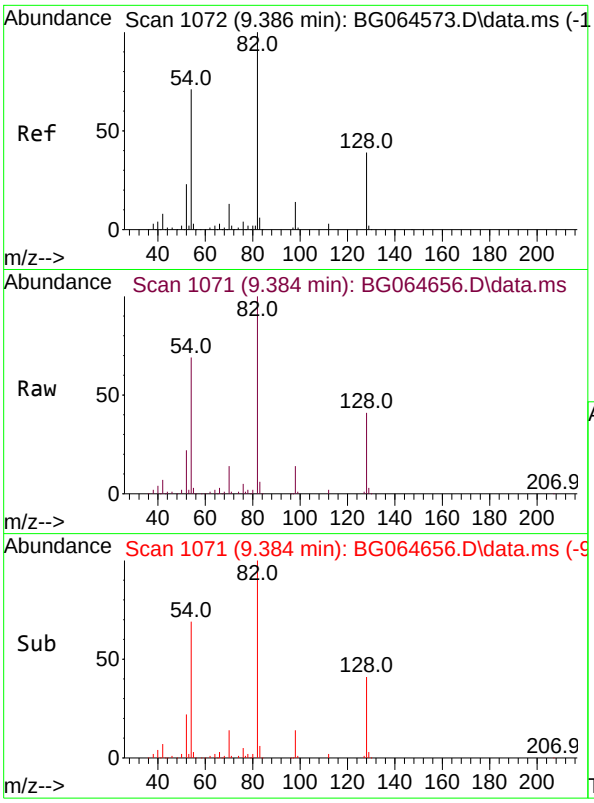


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:136 Resp: 126478

Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	12.8	12.6	19.0
68	6.0	5.7	8.5



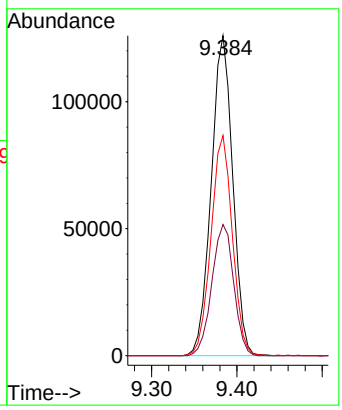


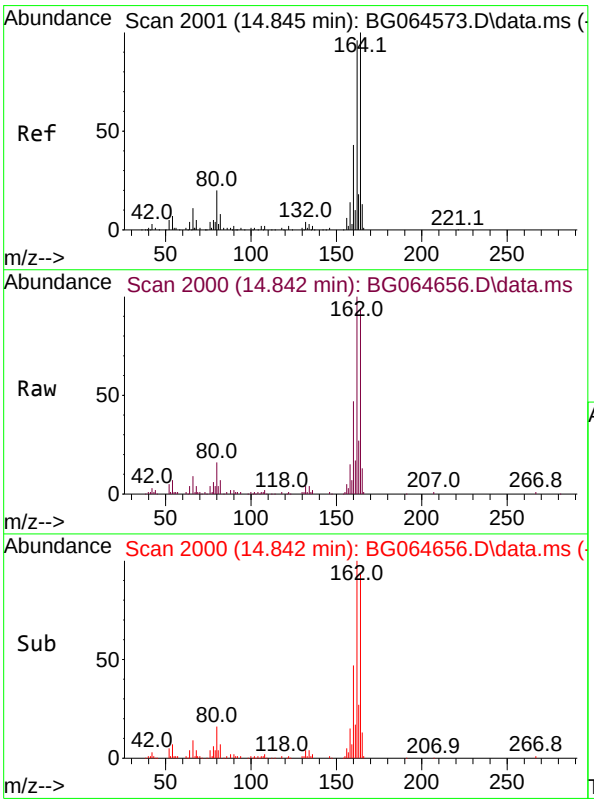
#23
Nitrobenzene-d5
Concen: 104.651 ng
RT: 9.384 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Tgt Ion: 82 Resp: 220371

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	68.8	56.6	84.8

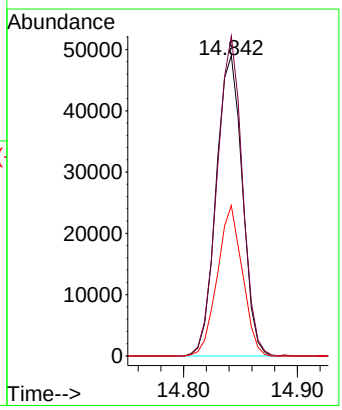


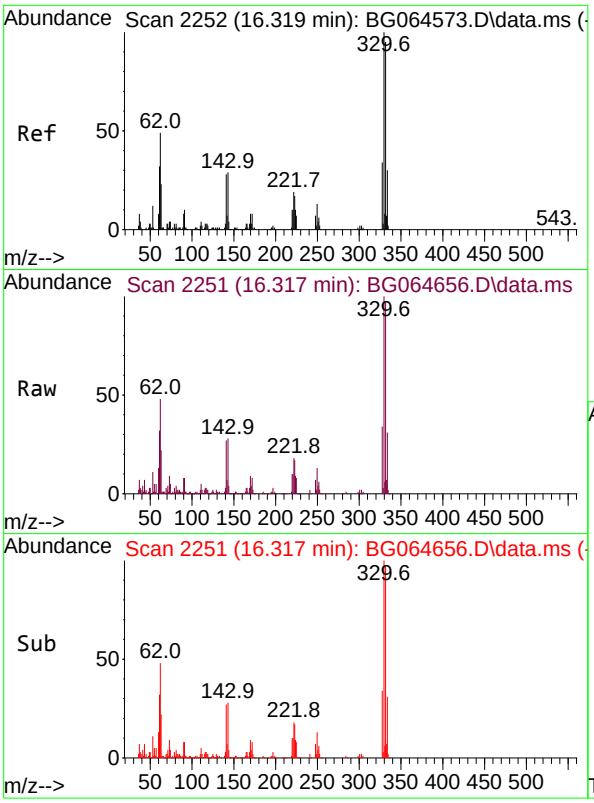


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:164 Resp: 78090

Ion	Ratio	Lower	Upper
164	100		
162	106.6	77.0	115.6
160	50.1	34.4	51.6



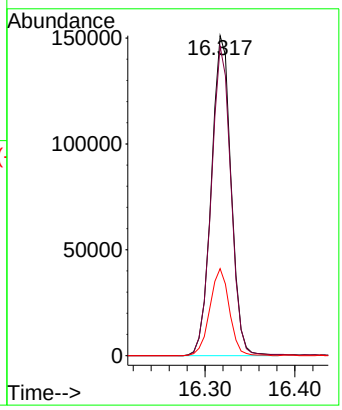


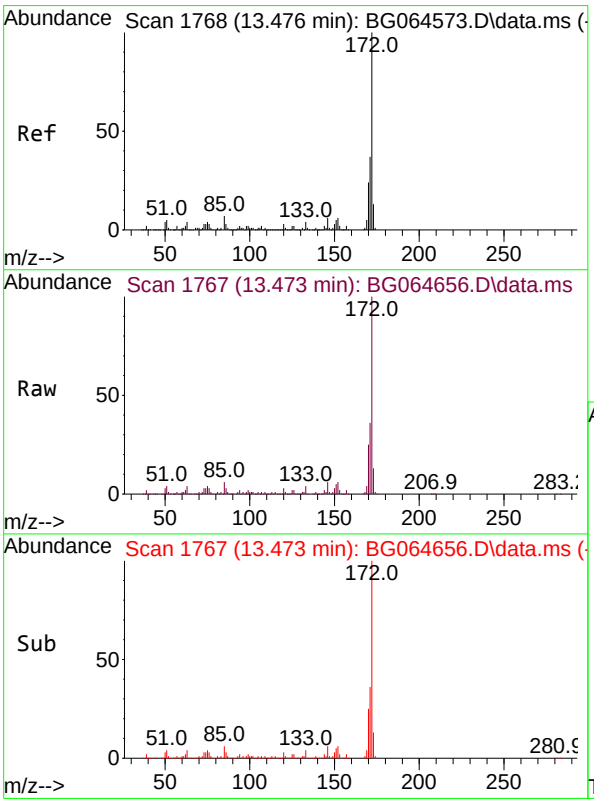
#42
2,4,6-Tribromophenol
Concen: 205.192 ng
RT: 16.317 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Tgt Ion:330 Resp: 231266

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	26.8	21.8	32.6

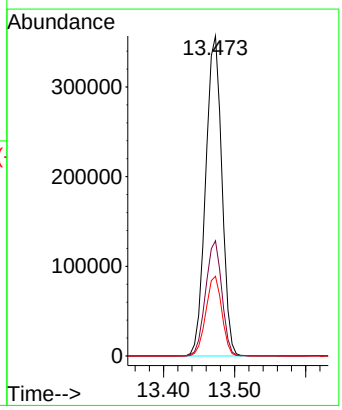


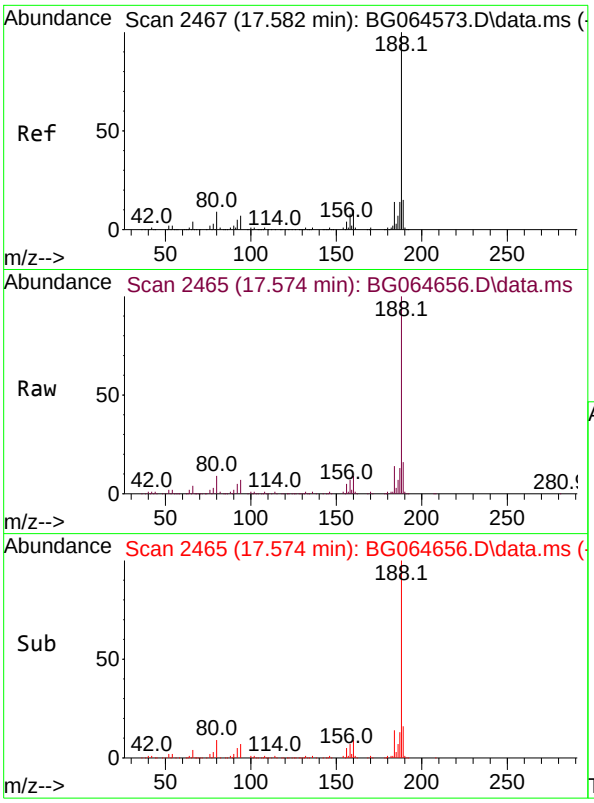


#45
2-Fluorobiphenyl
Concen: 109.249 ng
RT: 13.473 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:172 Resp: 562842

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.9	19.1	28.7



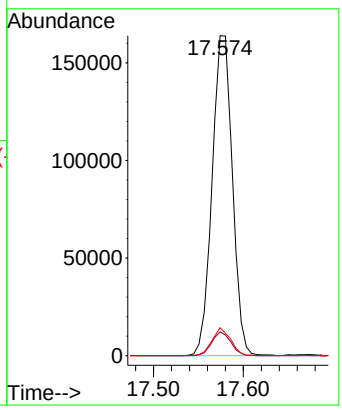


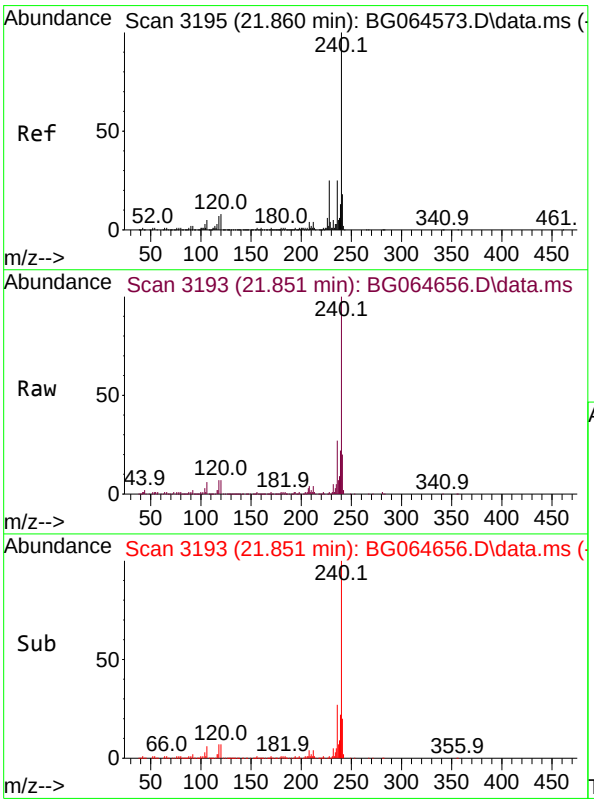
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Tgt Ion:188 Resp: 257453

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.7	6.8	10.2

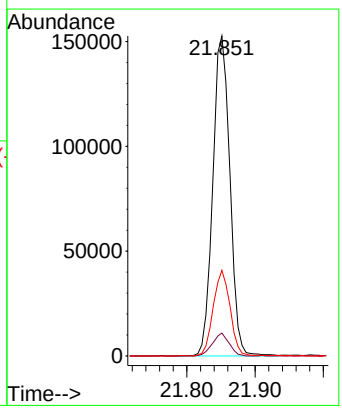


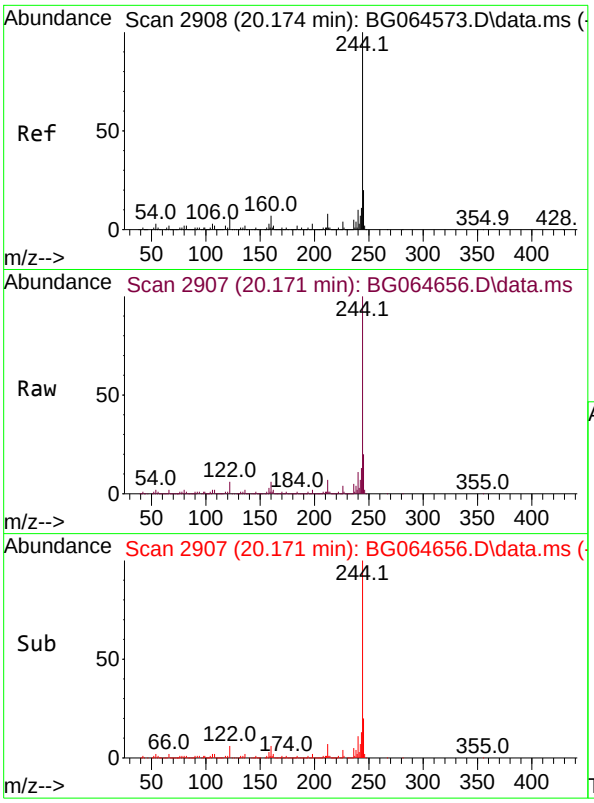


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:240 Resp: 264435

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	26.7	20.2	30.2



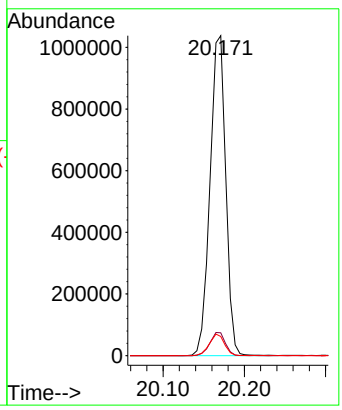


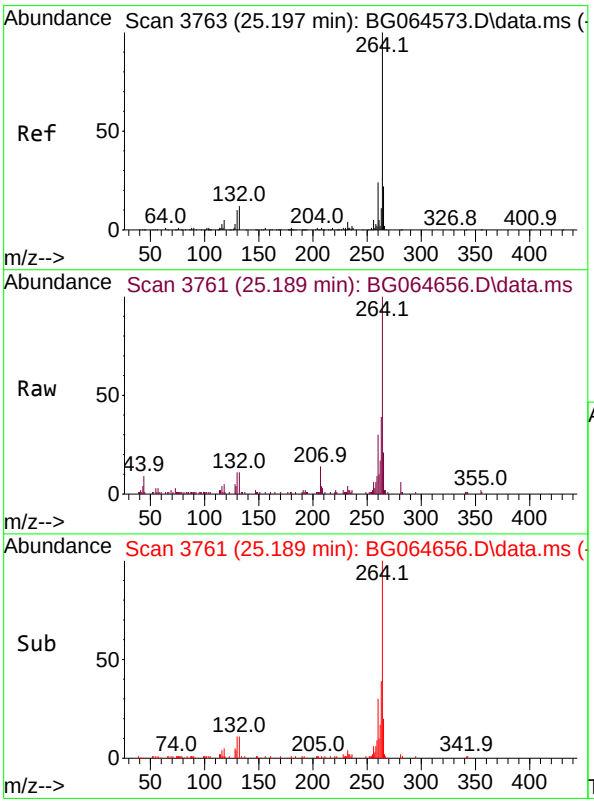
#79
Terphenyl-d14
Concen: 99.733 ng
RT: 20.171 min Scan# 29
Delta R.T. -0.006 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Instrument :
BNA_G
ClientSampleId :
P001-TW4-251023-01

Tgt Ion:244 Resp: 1397484

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.189 min Scan# 3761
Delta R.T. -0.012 min
Lab File: BG064656.D
Acq: 31 Oct 2025 14:50

Tgt Ion:264 Resp: 83058

Ion	Ratio	Lower	Upper
264	100		
260	30.3	19.0	28.4#
265	21.2	17.6	26.4