Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064644.D
Acq On : 30 Oct 2025 17:04
Operator : RC/JU
Sample : PB170295TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170295TB

Quant Time: Oct 30 17:50:17 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	8.214	152	19965	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	78183	20.000	ng	# 0.00
39) Acenaphthene-d10	14.835	164	62075	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	158808	20.000	ng	# 0.00
76) Chrysene-d12	21.851	240	209664	20.000	ng	#-0.01
86) Perylene-d12	25.194	264	235604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	196106	164.870	ng	0.00
7) Phenol-d6	7.350	99	263719	161.574	ng	0.00
23) Nitrobenzene-d5	9.377	82	170725	131.156	ng	-0.01
42) 2,4,6-Tribromophenol	16.316	330	178774	199.540	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	453382	110.707	ng	-0.01
79) Terphenyl-d14	20.164	244	1172142	105.503	ng	-0.01
Target Compounds						Qvalue

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

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BNA_G
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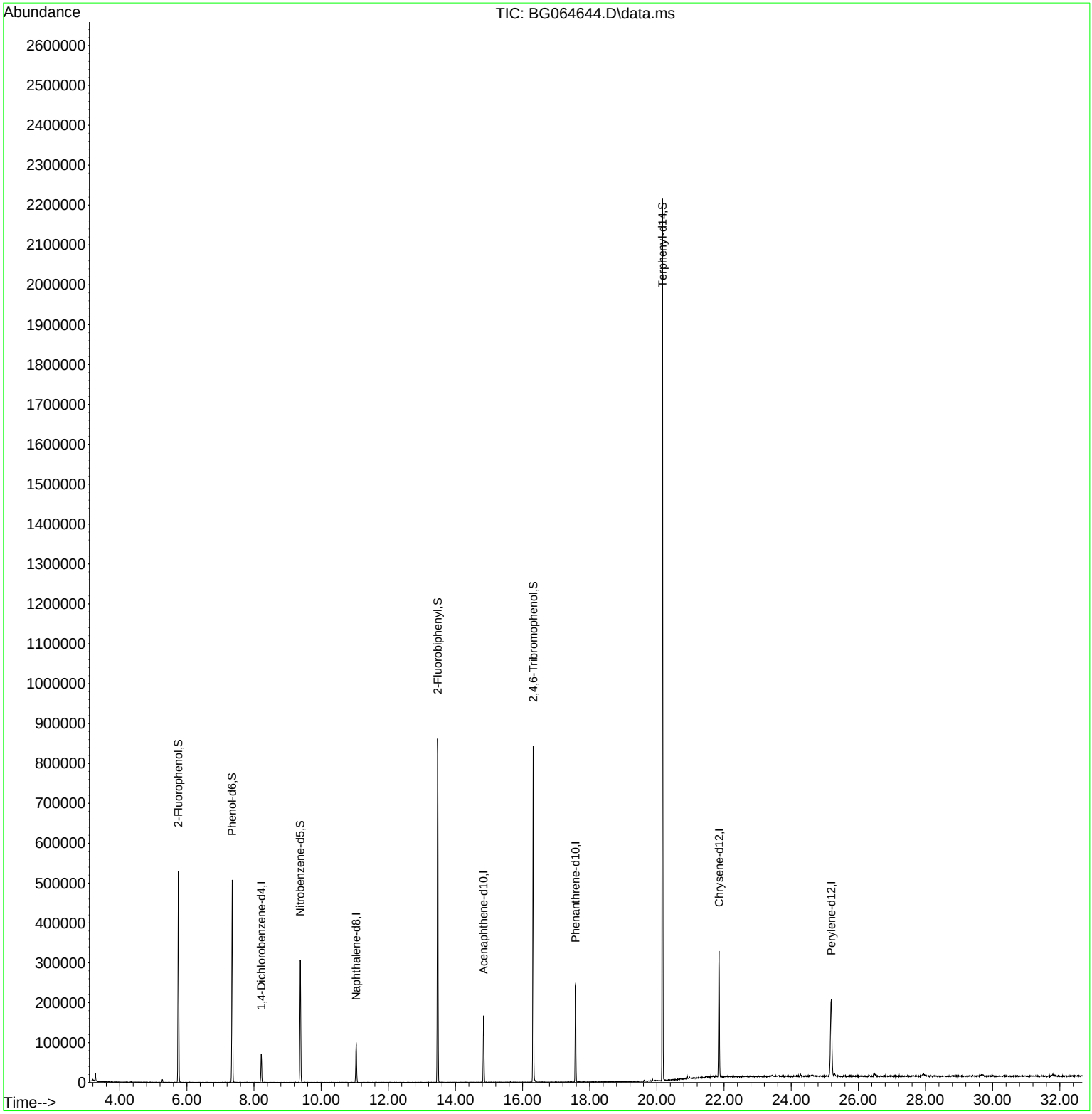
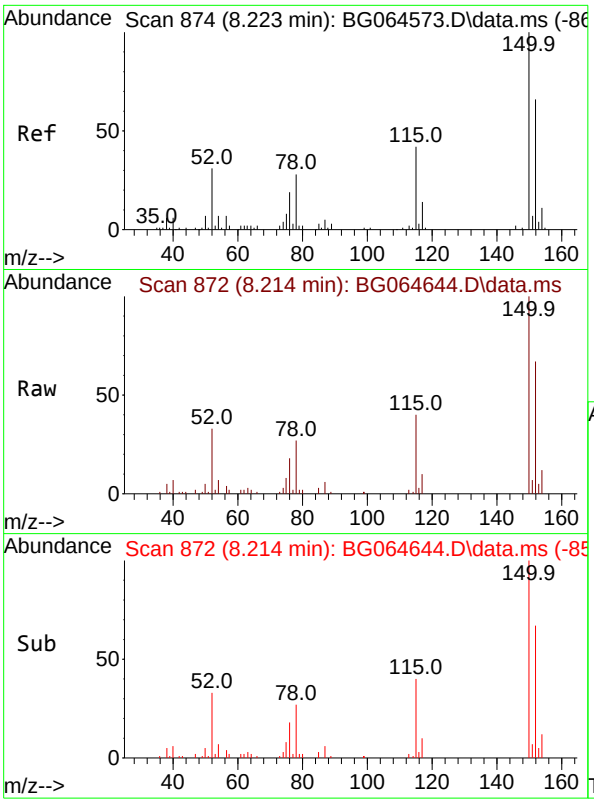
Quant Time: Oct 30 17:50:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



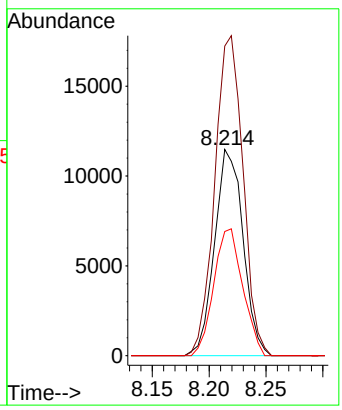


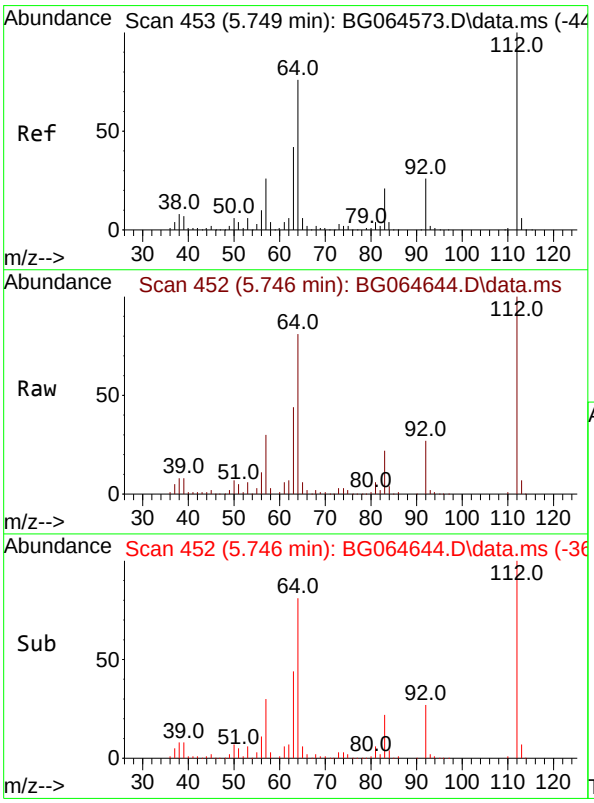
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Instrument :
BNA_G
ClientSampleId :
PB170295TB

Tgt Ion:152 Resp: 19965

Ion	Ratio	Lower	Upper
152	100		
150	150.2	122.2	183.4
115	60.2	50.8	76.2

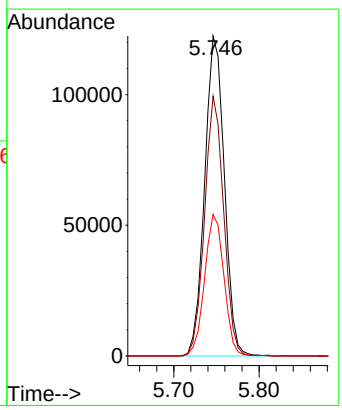


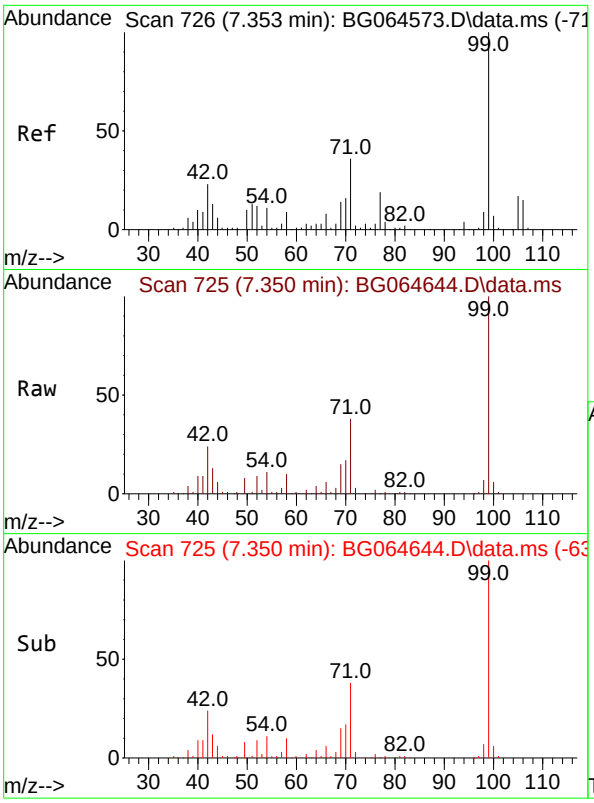


#5
2-Fluorophenol
Concen: 164.870 ng
RT: 5.746 min Scan# 452
Delta R.T. -0.001 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Tgt Ion:112 Resp: 196106

Ion	Ratio	Lower	Upper
112	100		
64	81.2	60.7	91.1
63	44.3	33.4	50.0



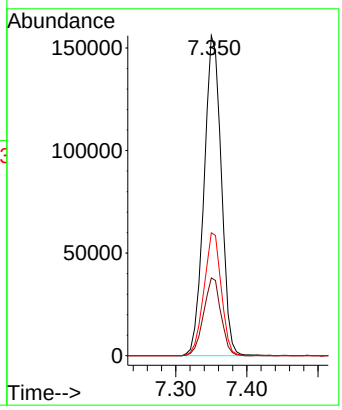


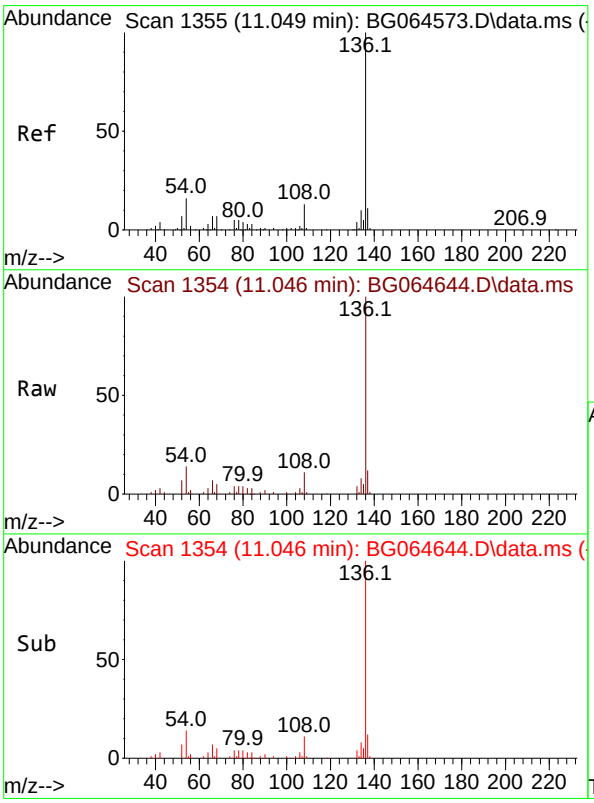
#7
Phenol-d6
Concen: 161.574 ng
RT: 7.350 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Instrument :
BNA_G
ClientSampleId :
PB170295TB

Tgt Ion: 99 Resp: 263719

Ion	Ratio	Lower	Upper
99	100		
42	24.3	18.3	27.5
71	38.4	28.6	43.0

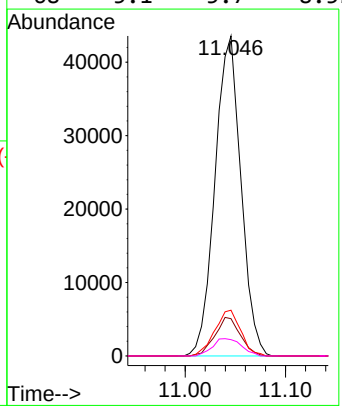


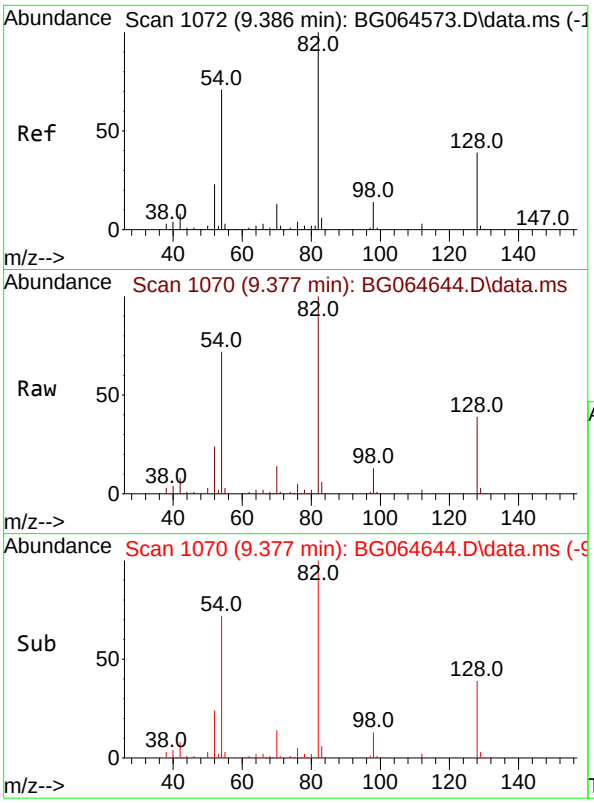


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1354
Delta R.T. -0.007 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Tgt Ion:136 Resp: 78183

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	14.3	12.6	19.0
68	5.1	5.7	8.5#



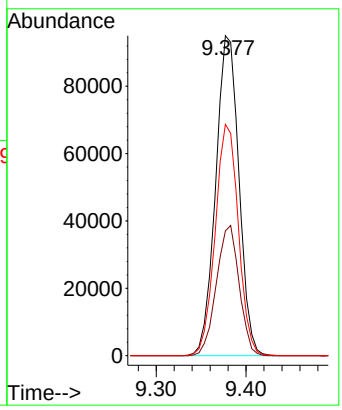


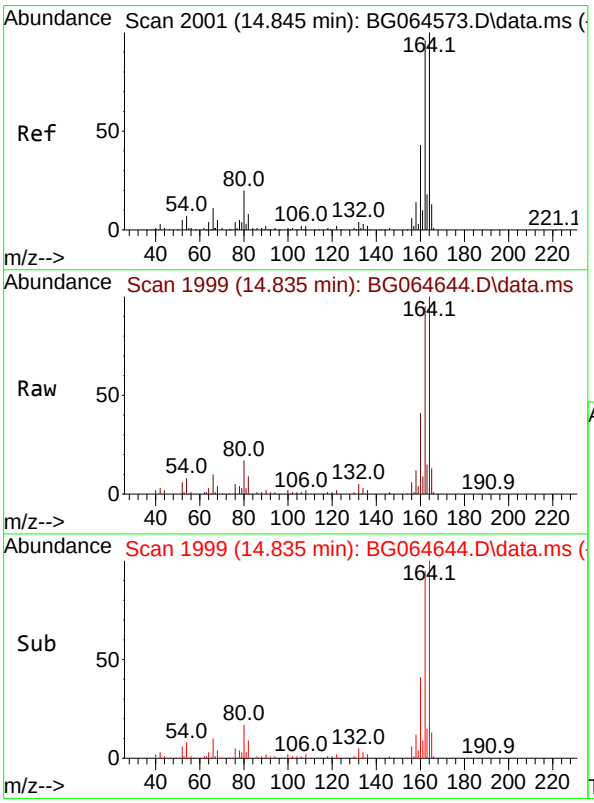
#23
Nitrobenzene-d5
Concen: 131.156 ng
RT: 9.377 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Instrument :
BNA_G
ClientSampleId :
PB170295TB

Tgt Ion: 82 Resp: 170725

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	72.3	56.6	84.8

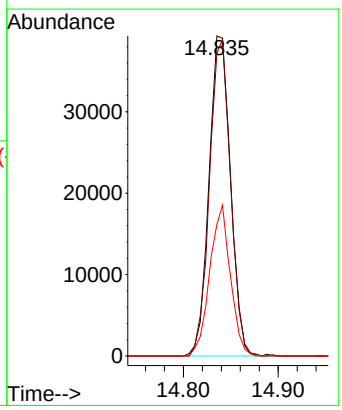


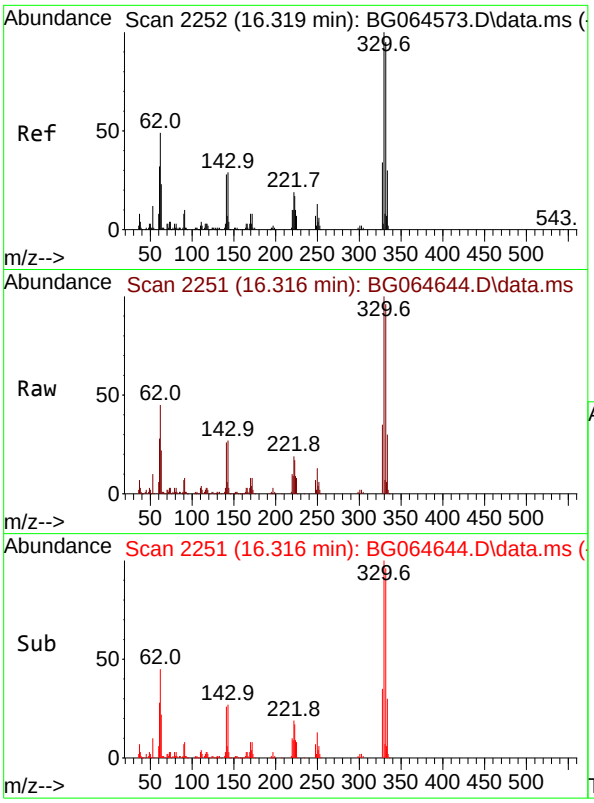


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.835 min Scan# 1999
Delta R.T. -0.007 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Tgt Ion:164 Resp: 62075

Ion	Ratio	Lower	Upper
164	100		
162	94.7	77.0	115.6
160	41.1	34.4	51.6



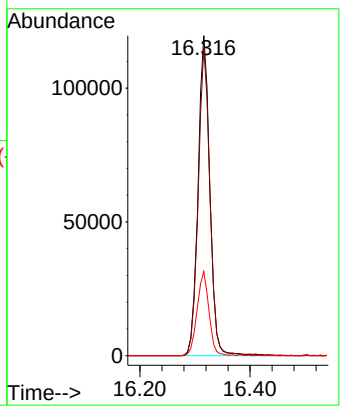


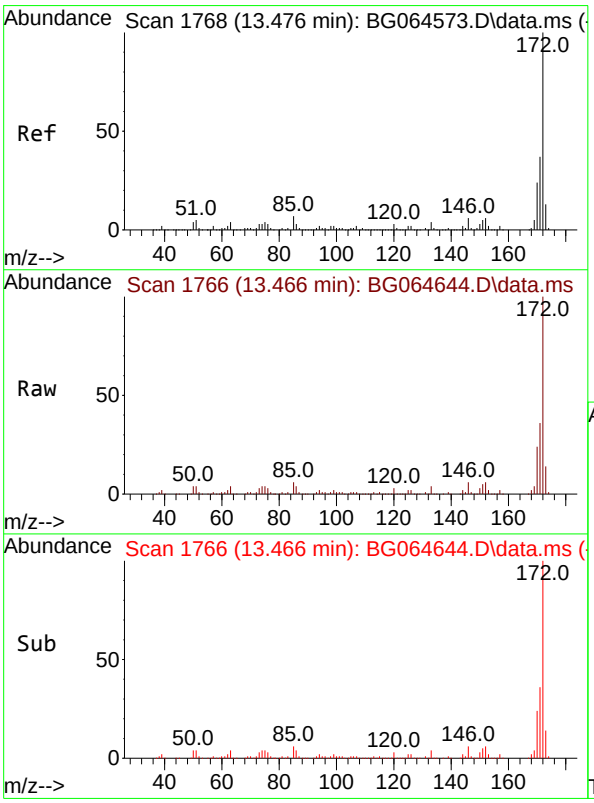
#42
2,4,6-Tribromophenol
Concen: 199.540 ng
RT: 16.316 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Instrument :
BNA_G
ClientSampleId :
PB170295TB

Tgt Ion:330 Resp: 178774

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	26.2	21.8	32.6

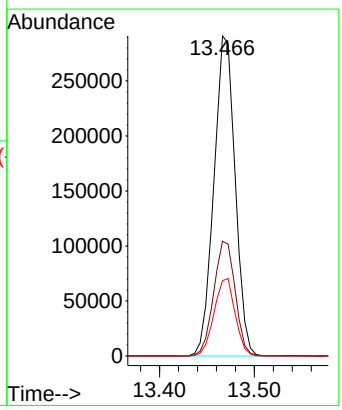


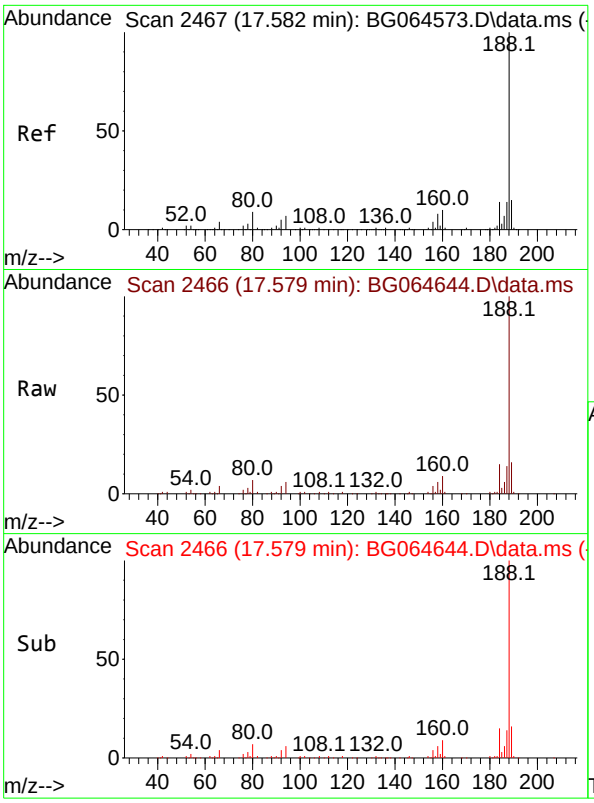


#45
2-Fluorobiphenyl
Concen: 110.707 ng
RT: 13.466 min Scan# 1766
Delta R.T. -0.013 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Tgt Ion:172 Resp: 453382

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.5	19.1	28.7



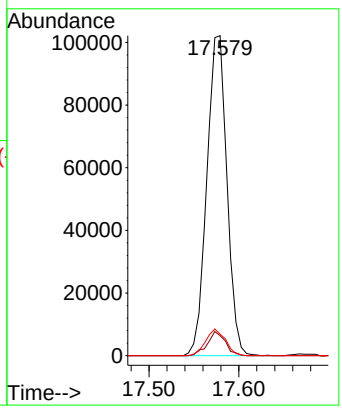


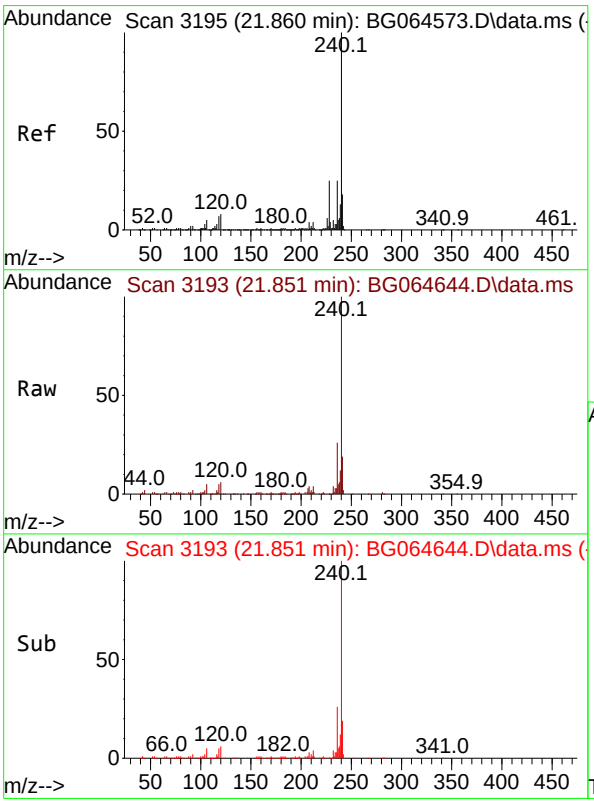
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Instrument :
BNA_G
ClientSampleId :
PB170295TB

Tgt Ion:188 Resp: 158808

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	6.7	6.8	10.2#

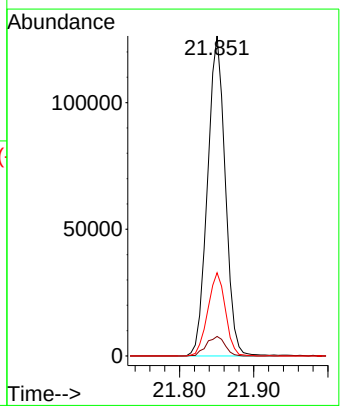


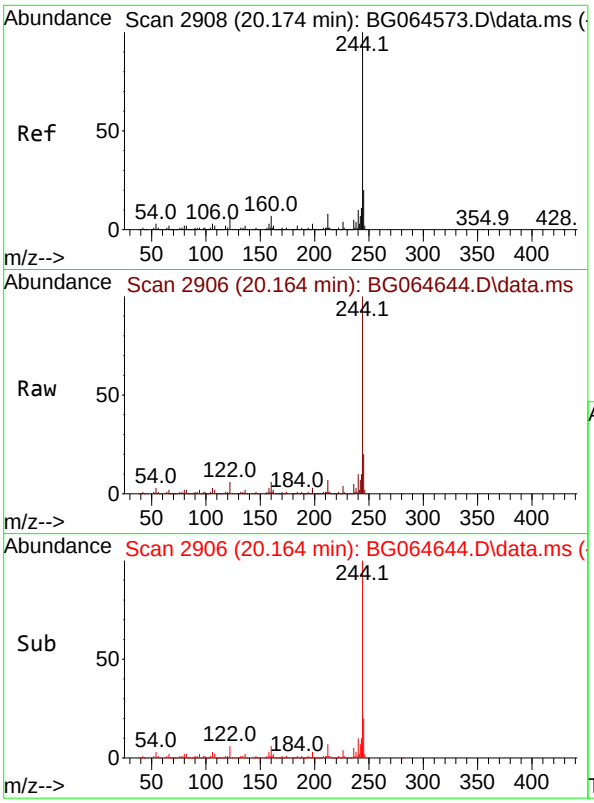


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.013 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Tgt Ion:240 Resp: 209664

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.5	9.7#
236	26.0	20.2	30.2



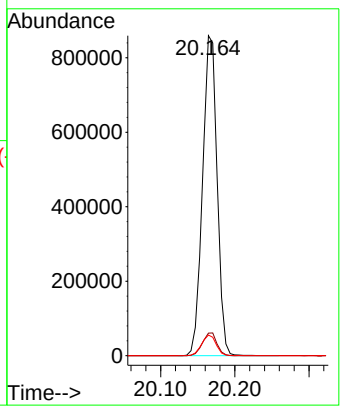


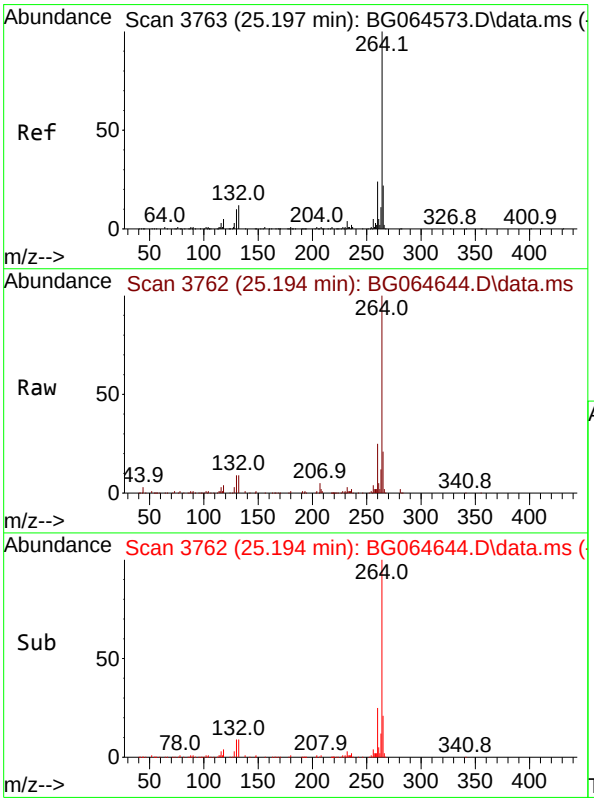
#79
Terphenyl-d14
Concen: 105.503 ng
RT: 20.164 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Instrument :
BNA_G
ClientSampleId :
PB170295TB

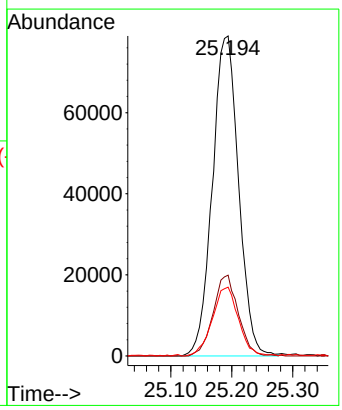
Tgt Ion:244 Resp: 1172142

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	6.4	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 3762
Delta R.T. -0.007 min
Lab File: BG064644.D
Acq: 30 Oct 2025 17:04

Tgt Ion:264 Resp: 235604

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.4
265	21.5	17.6	26.4