Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064621.D
Acq On : 29 Oct 2025 13:25
Operator : RC/JU
Sample : PB170215BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Quant Time: Oct 29 14:03:03 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	8.216	152	33974	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	131027	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	98338	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	248117	20.000	ng	0.00
76) Chrysene-d12	21.848	240	318243	20.000	ng	-0.02
86) Perylene-d12	25.191	264	369003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	280581	138.622	ng	0.00
7) Phenol-d6	7.353	99	385276	138.716	ng	0.00
23) Nitrobenzene-d5	9.380	82	240197	110.106	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	229169	161.465	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	628128	96.817	ng	0.00
79) Terphenyl-d14	20.167	244	1531012	90.788	ng	0.00
Target Compounds						Qvalue

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

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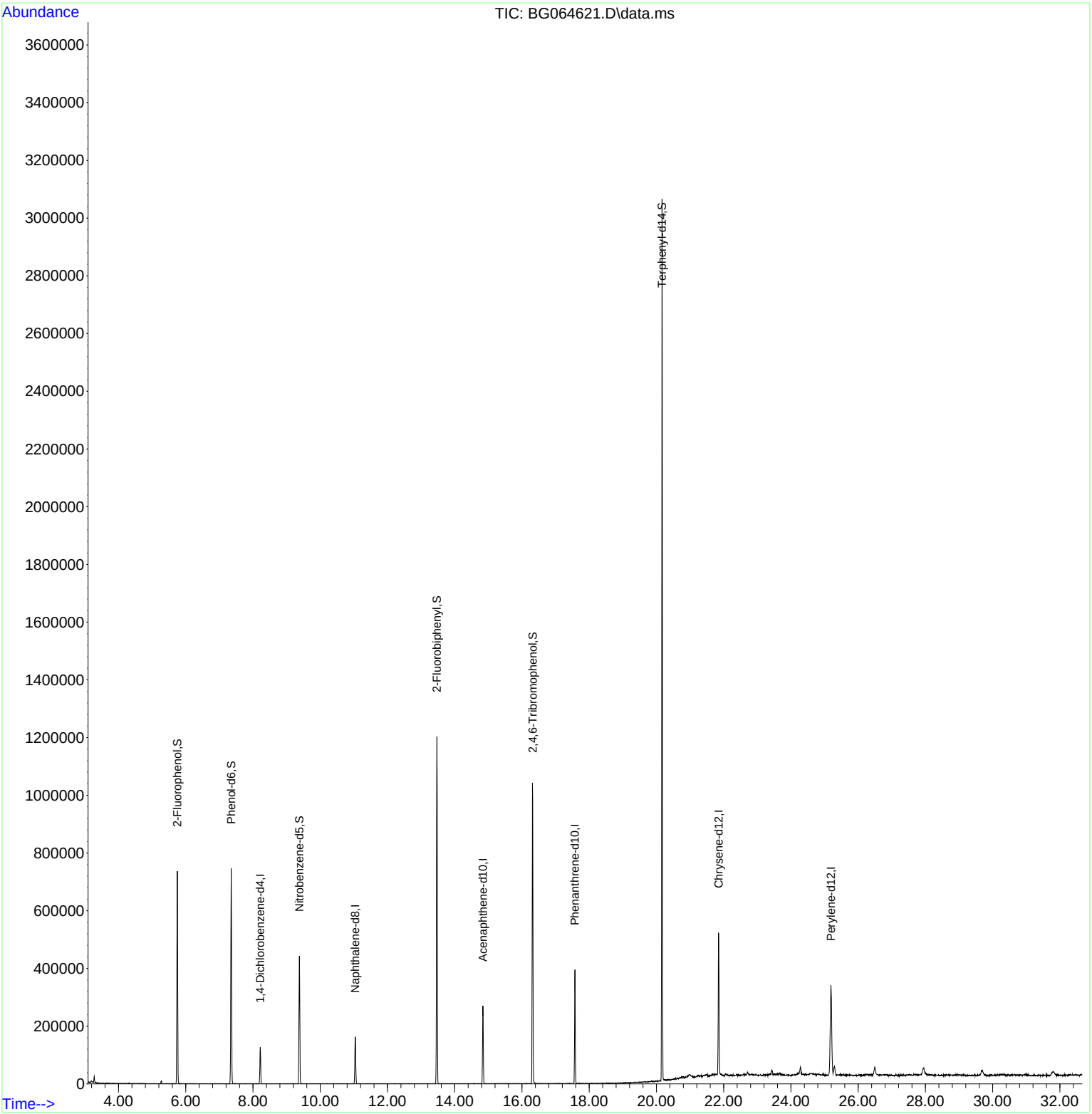
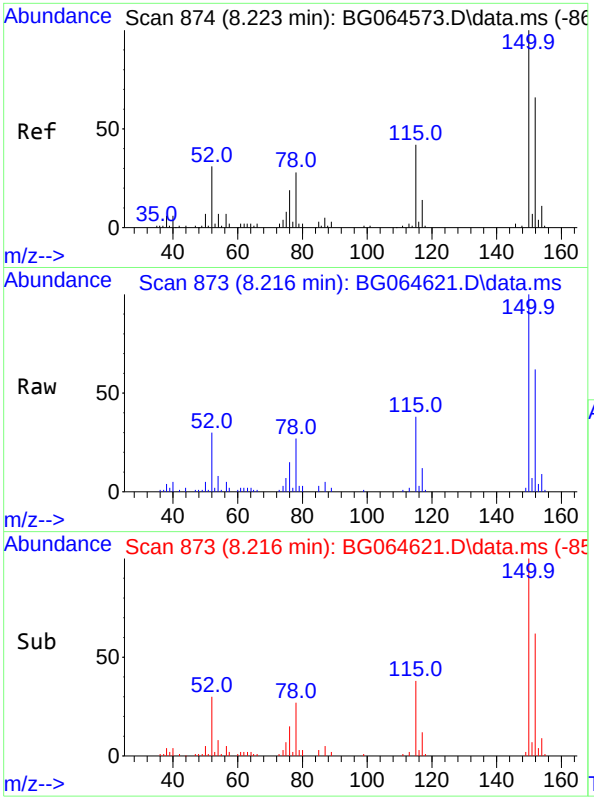


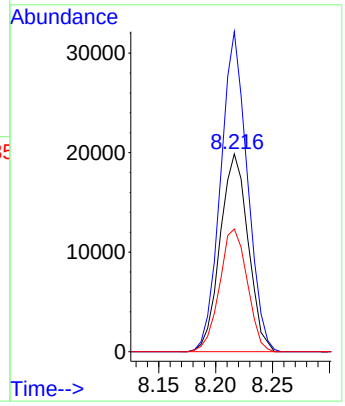


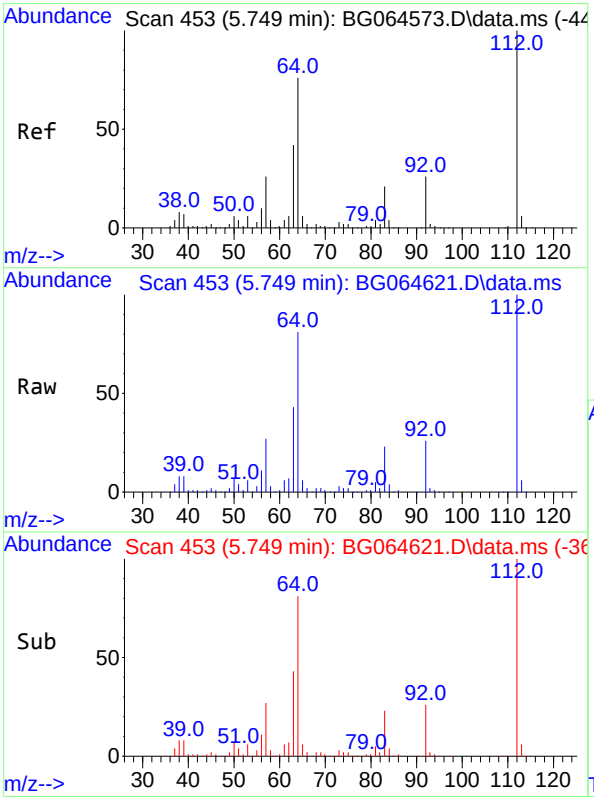
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion:152 Resp: 33974

Ion	Ratio	Lower	Upper
152	100		
150	161.9	122.2	183.4
115	62.1	50.8	76.2

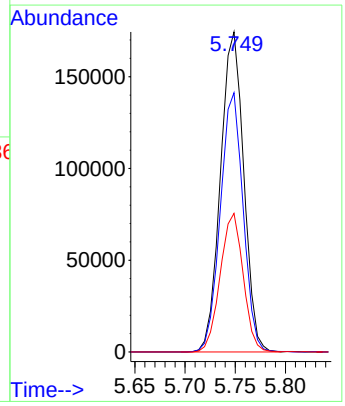


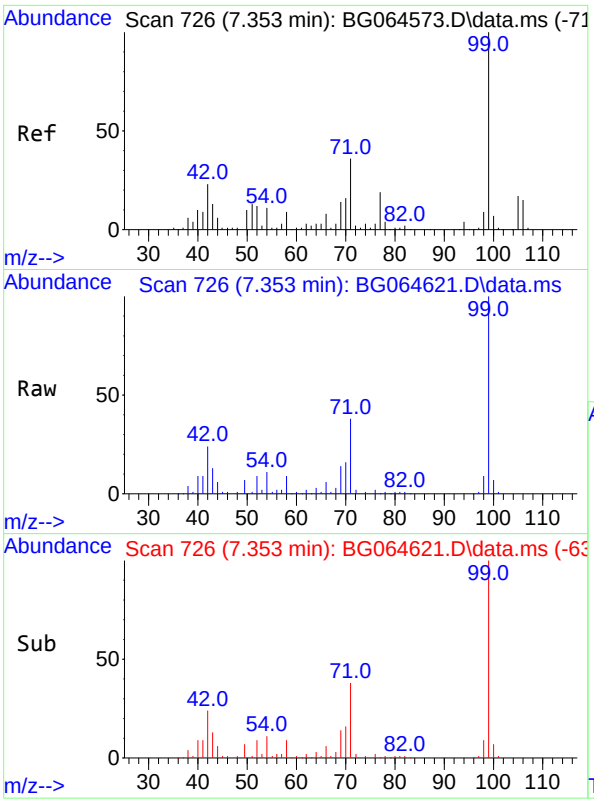


#5
2-Fluorophenol
Concen: 138.622 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:112 Resp: 280581

Ion	Ratio	Lower	Upper
112	100		
64	81.0	60.7	91.1
63	43.3	33.4	50.0



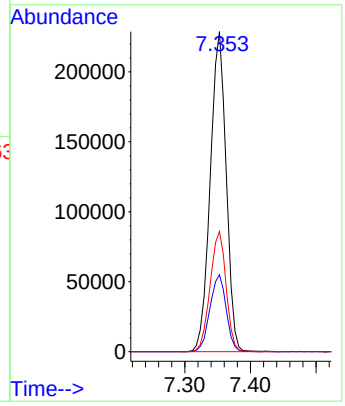


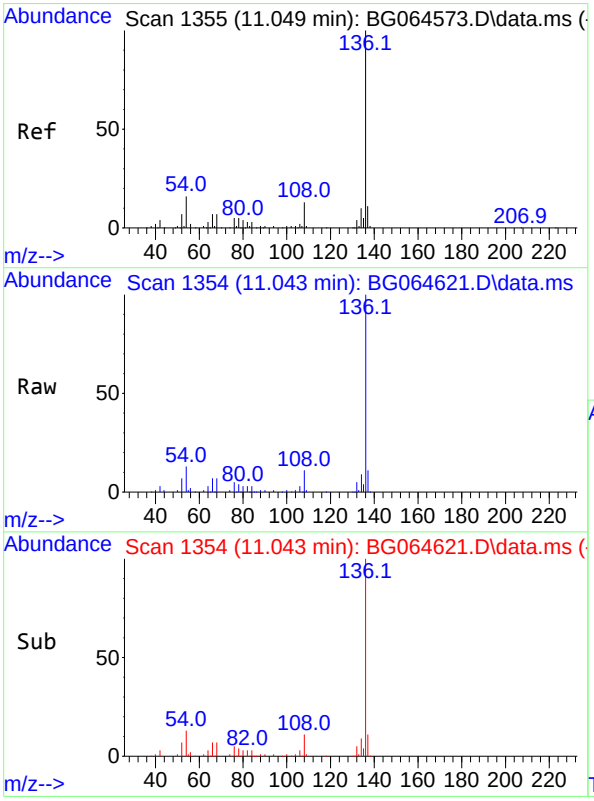
#7
Phenol-d6
Concen: 138.716 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion: 99 Resp: 385276

Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.3	27.5
71	37.5	28.6	43.0

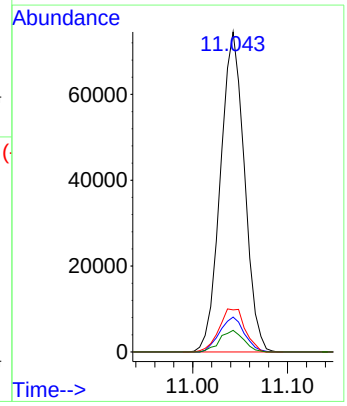


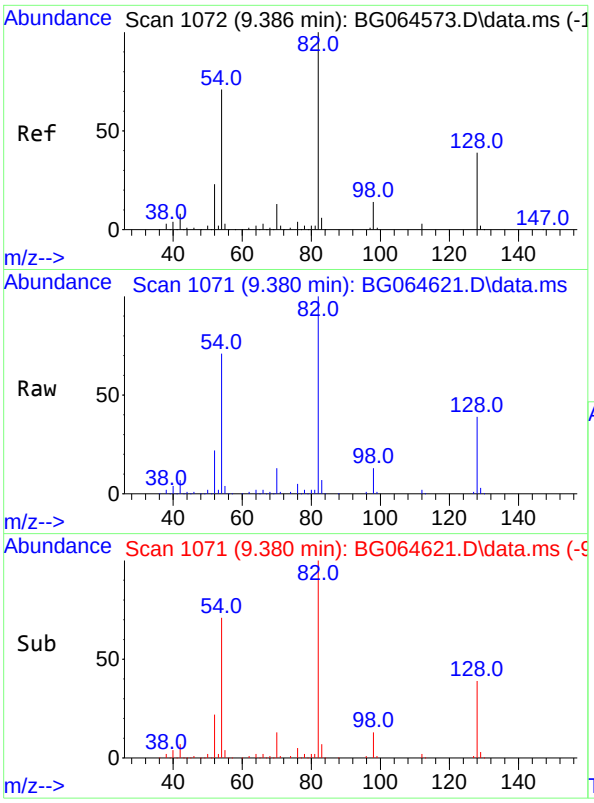


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:136 Resp: 131027

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	13.2	12.6	19.0
68	6.7	5.7	8.5



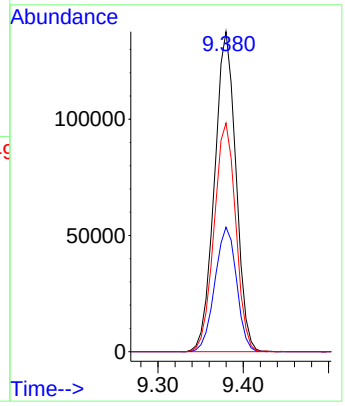


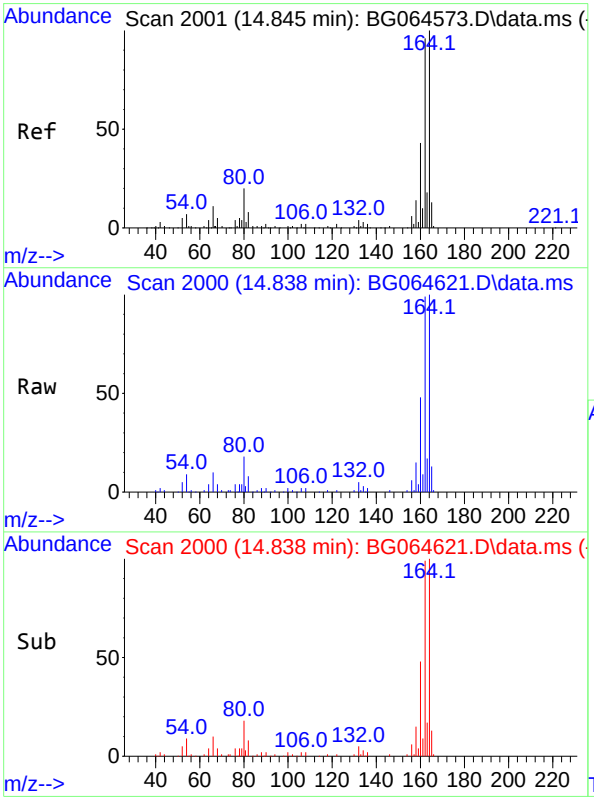
#23
Nitrobenzene-d5
Concen: 110.106 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion: 82 Resp: 240197

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.3	46.9
54	71.4	56.6	84.8

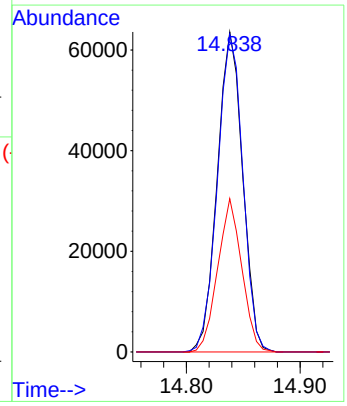


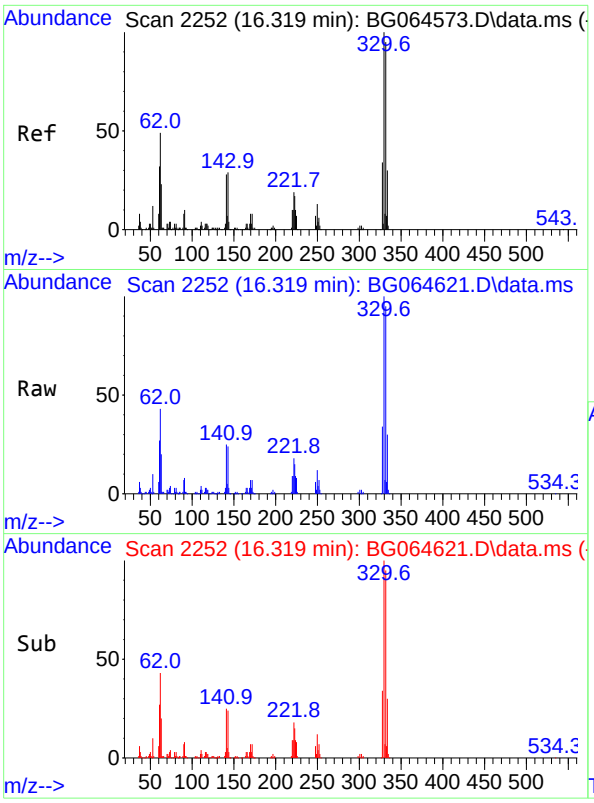


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:164 Resp: 98338

Ion	Ratio	Lower	Upper
164	100		
162	99.3	77.0	115.6
160	47.9	34.4	51.6



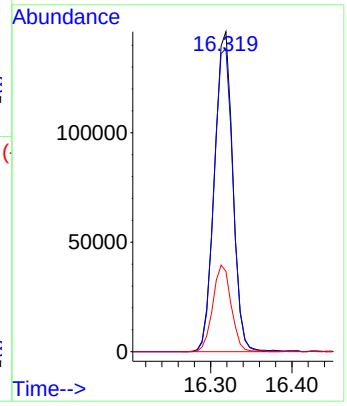


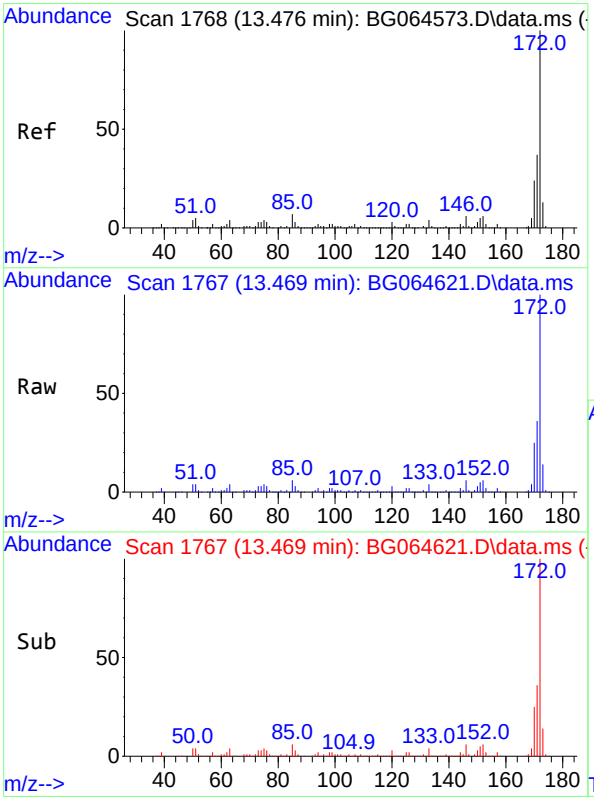
#42
2,4,6-Tribromophenol
Concen: 161.465 ng
RT: 16.319 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion:330 Resp: 229169

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	27.1	21.8	32.6

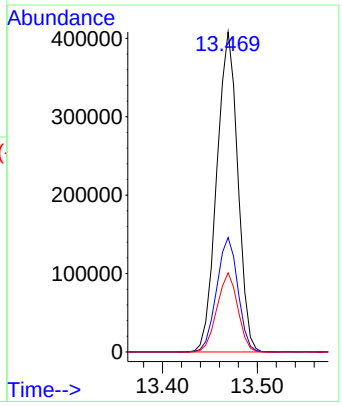


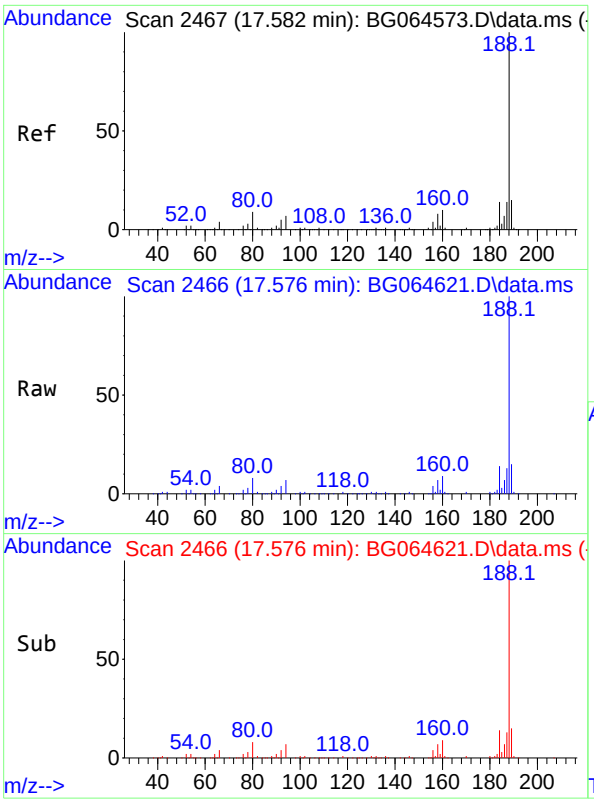


#45
2-Fluorobiphenyl
Concen: 96.817 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:172 Resp: 628128

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.8	19.1	28.7



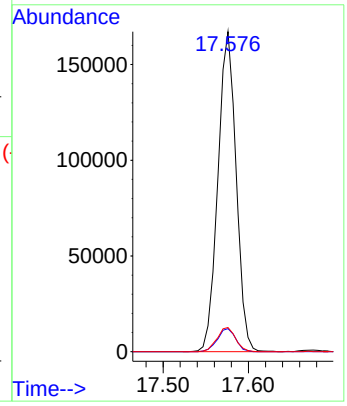


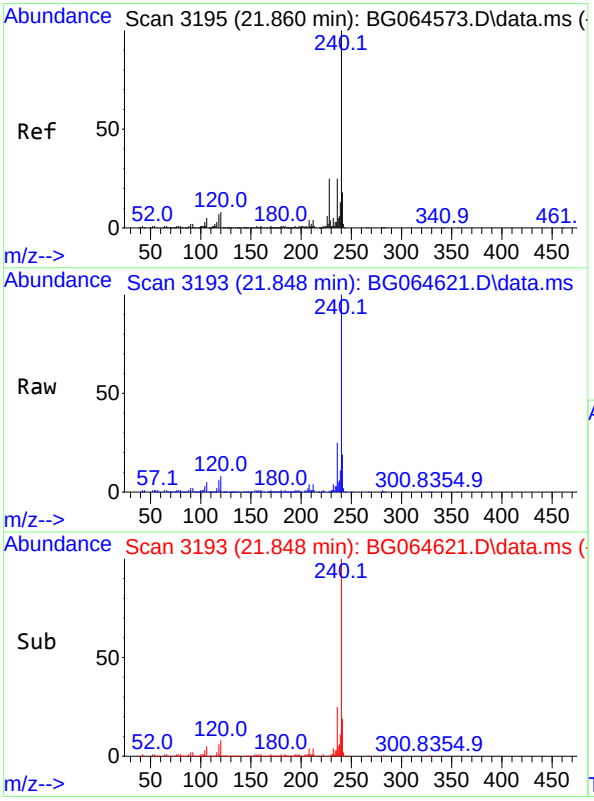
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion:188 Resp: 248117

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.6	6.8	10.2

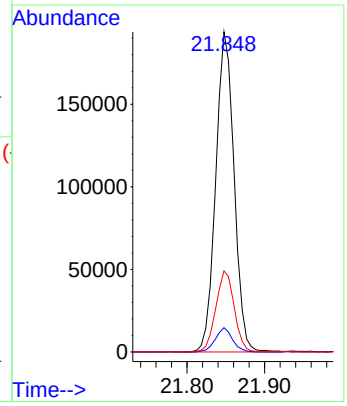


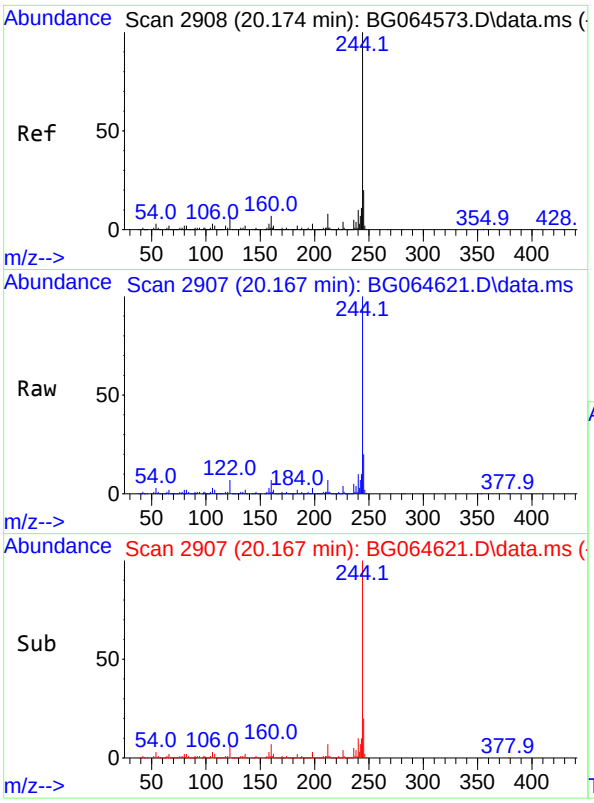


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:240 Resp: 318243

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.5	9.7
236	25.4	20.2	30.2



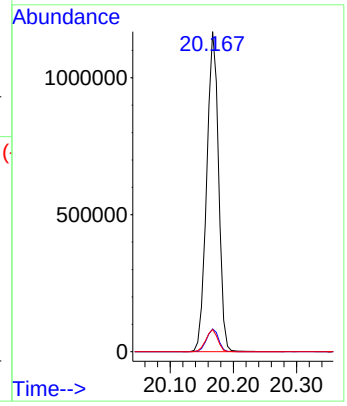


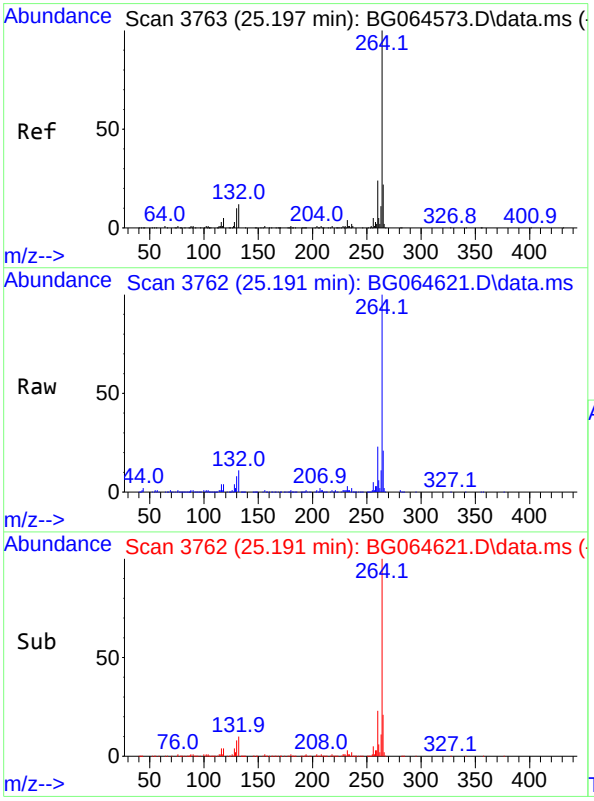
#79
Terphenyl-d14
Concen: 90.788 ng
RT: 20.167 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Instrument :
BNA_G
ClientSampleId :
PB170215BL

Tgt Ion:244 Resp: 1531012

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	7.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3762
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:264 Resp: 369003

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.4	17.6	26.4