Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064609.D
Acq On : 28 Oct 2025 19:57
Operator : RC/JU
Sample : Q3376-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Quant Time: Oct 29 00:58:18 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	37243	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	140181	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	106965	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	249913	20.000	ng	0.00
76) Chrysene-d12	21.848	240	291786	20.000	ng	-0.02
86) Perylene-d12	25.191	264	320360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	122857	55.370	ng	0.00
7) Phenol-d6	7.347	99	149591	49.132	ng	0.00
23) Nitrobenzene-d5	9.374	82	80593	34.531	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	145693	94.371	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	207732	29.437	ng	-0.02
79) Terphenyl-d14	20.162	244	780618	50.488	ng	-0.02
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.736	149	31971	3.713	ng	99

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

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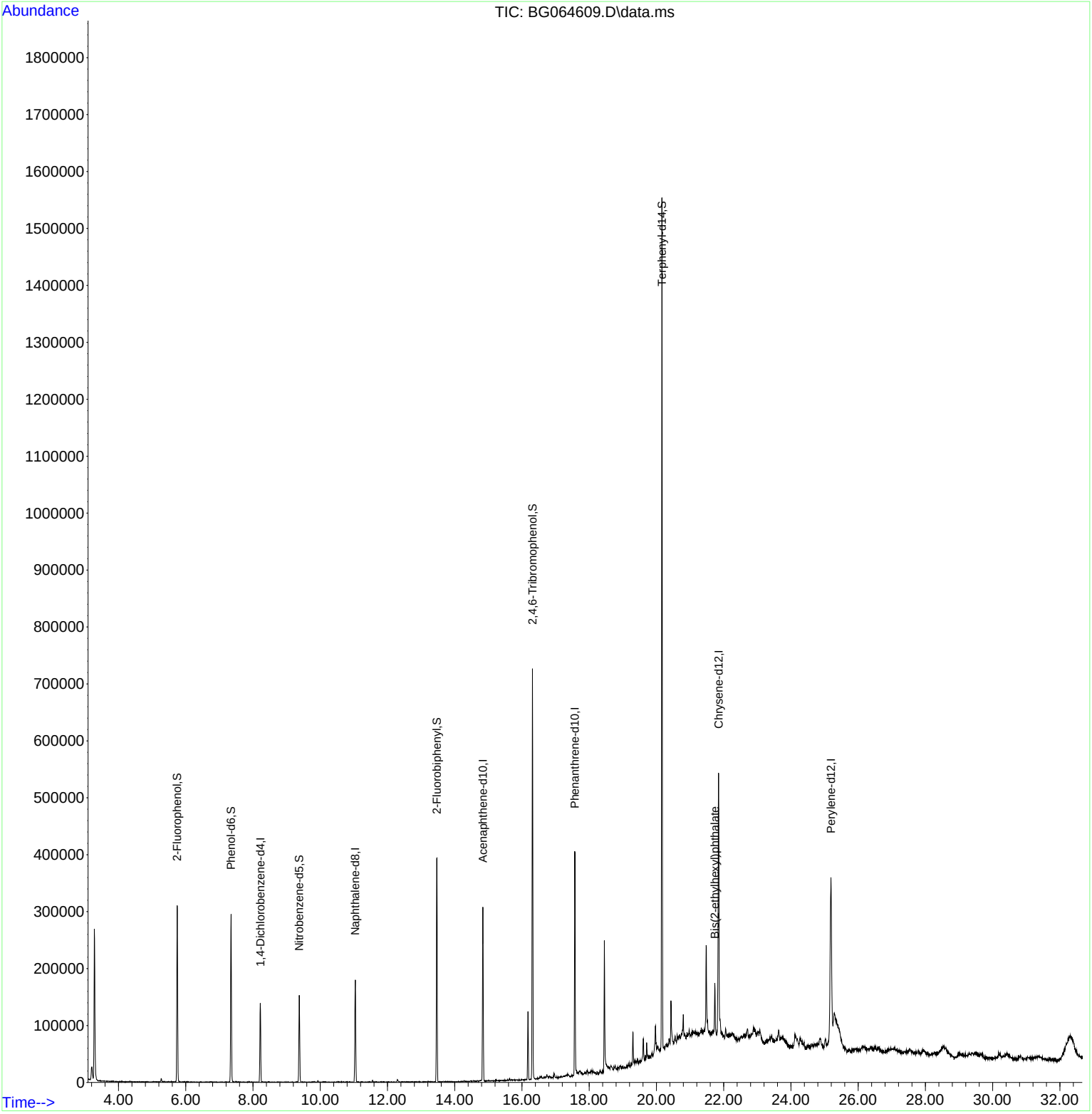
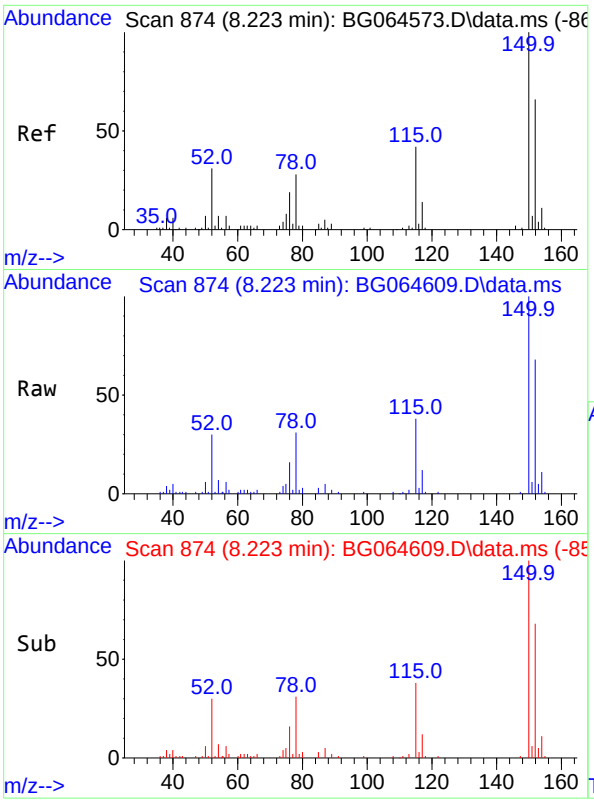


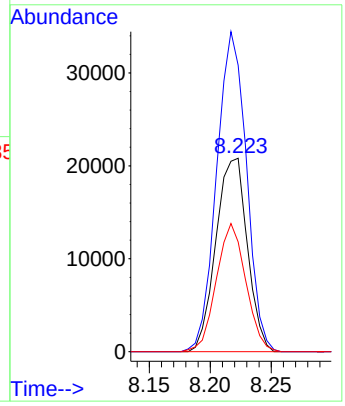


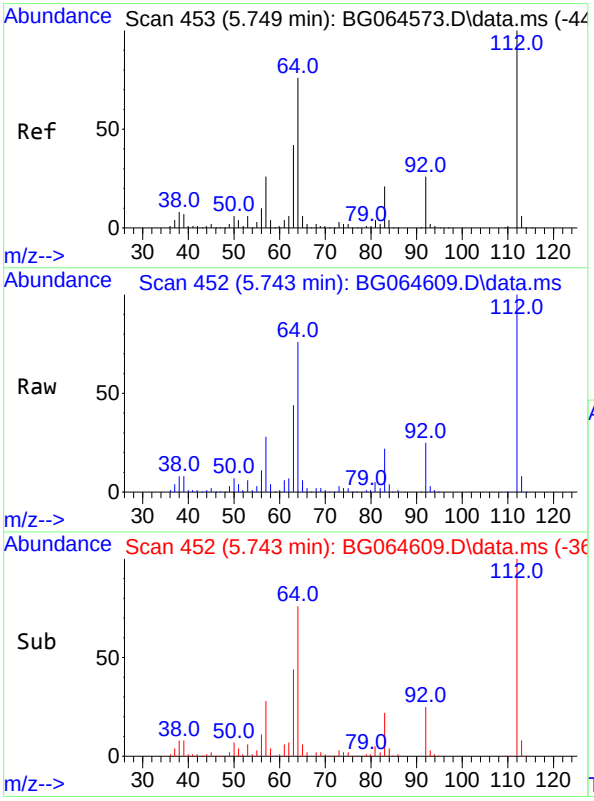
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:152 Resp: 37243

Ion	Ratio	Lower	Upper
152	100		
150	148.1	122.2	183.4
115	56.7	50.8	76.2

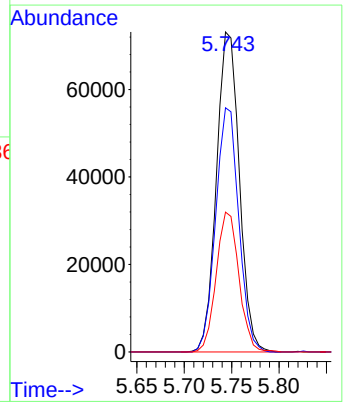


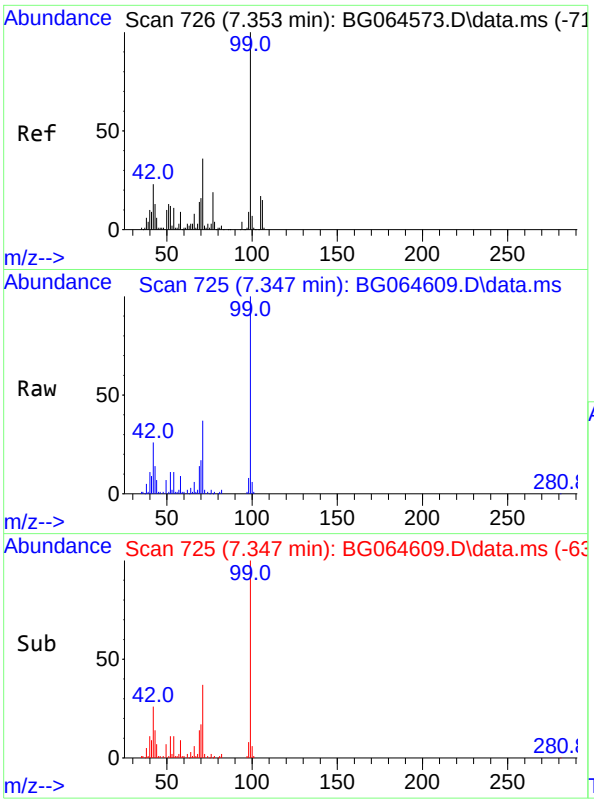


#5
2-Fluorophenol
Concen: 55.370 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:112 Resp: 122857

Ion	Ratio	Lower	Upper
112	100		
64	76.3	60.7	91.1
63	43.7	33.4	50.0



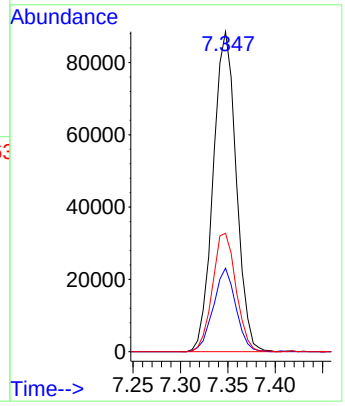


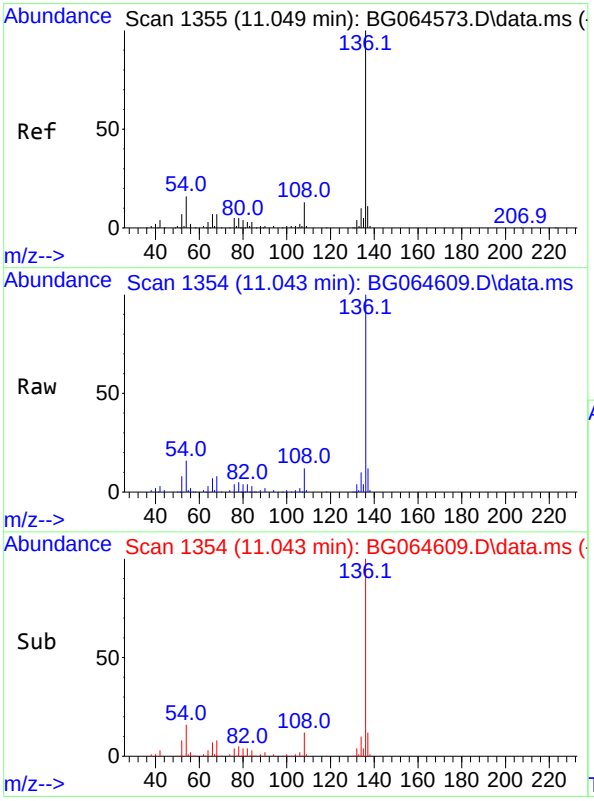
#7
Phenol-d6
Concen: 49.132 ng
RT: 7.347 min Scan# 7
Delta R.T. -0.009 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion: 99 Resp: 149591

Ion	Ratio	Lower	Upper
99	100		
42	26.1	18.3	27.5
71	37.0	28.6	43.0

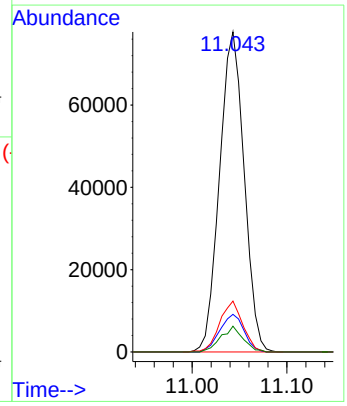


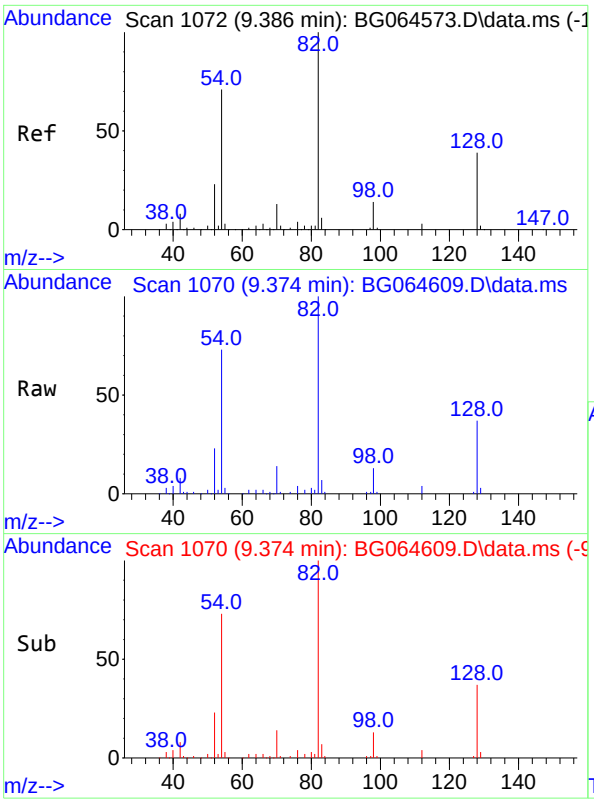


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:136 Resp: 140181

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	15.9	12.6	19.0
68	8.0	5.7	8.5



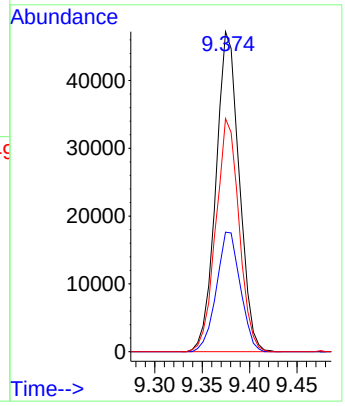


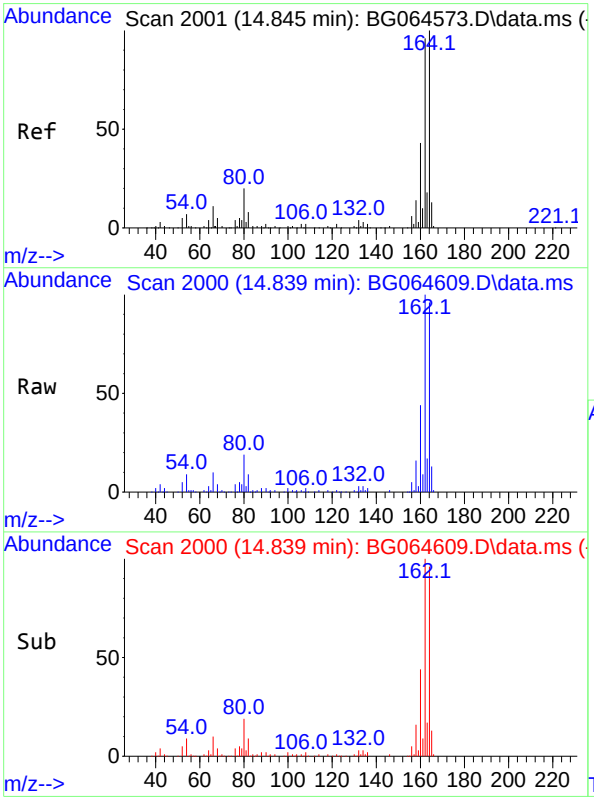
#23
Nitrobenzene-d5
Concen: 34.531 ng
RT: 9.374 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion: 82 Resp: 80593

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.3	46.9
54	72.9	56.6	84.8

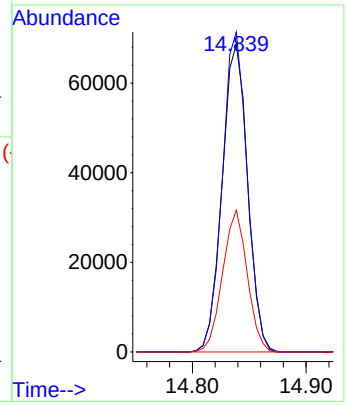


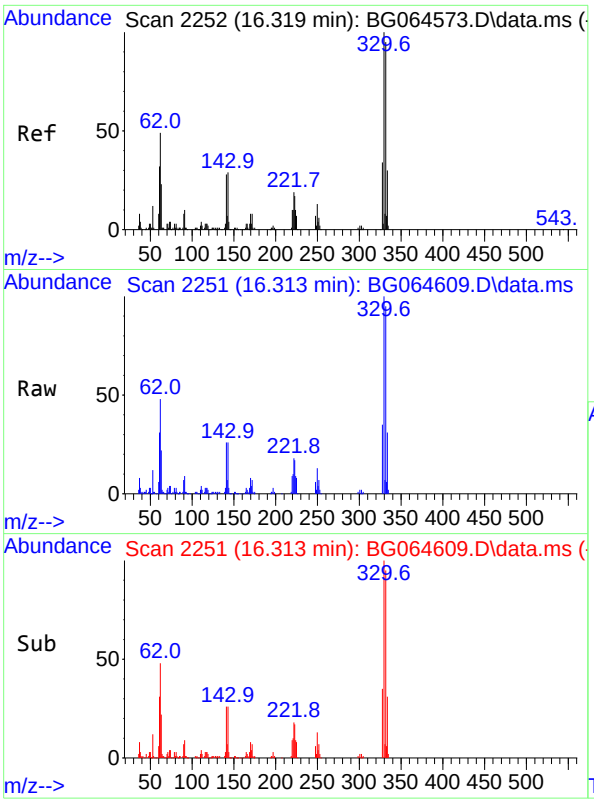


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:164 Resp: 106965

Ion	Ratio	Lower	Upper
164	100		
162	103.9	77.0	115.6
160	46.1	34.4	51.6



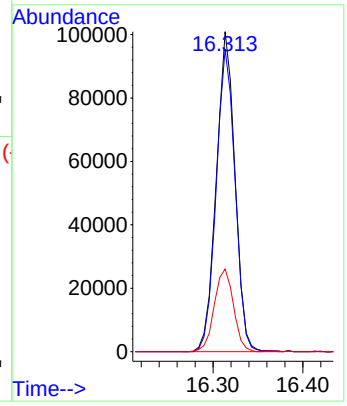


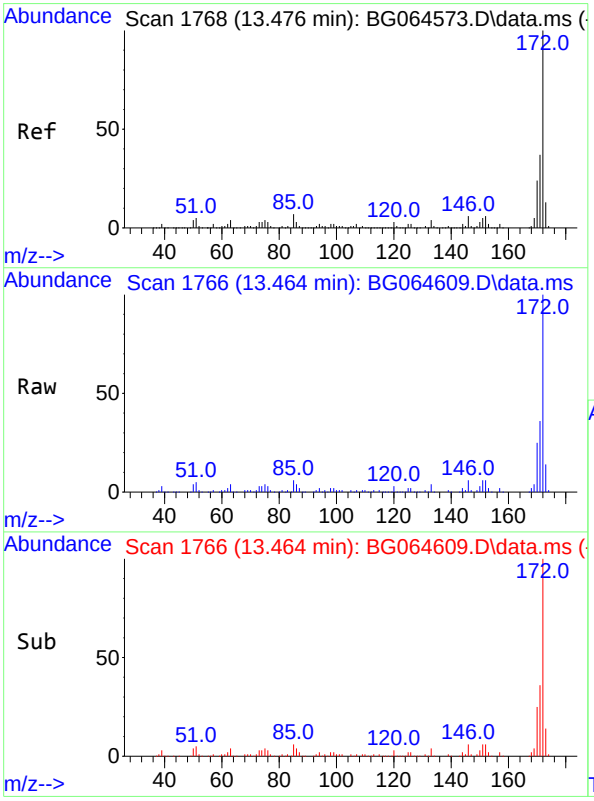
#42
2,4,6-Tribromophenol
Concen: 94.371 ng
RT: 16.313 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:330 Resp: 145693

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	26.5	21.8	32.6

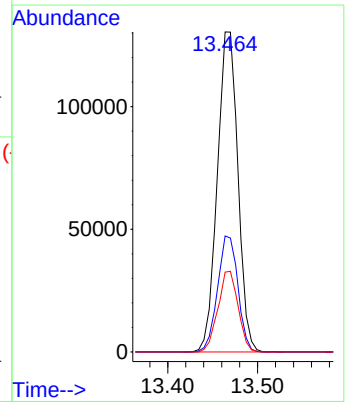


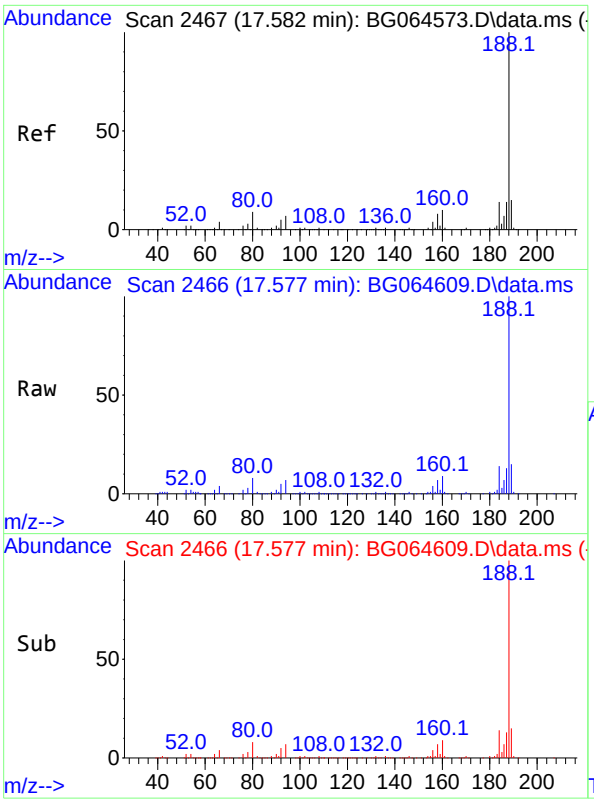


#45
2-Fluorobiphenyl
Concen: 29.437 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.015 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:172 Resp: 207732

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	25.0	19.1	28.7



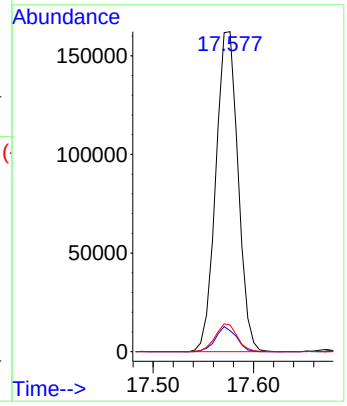


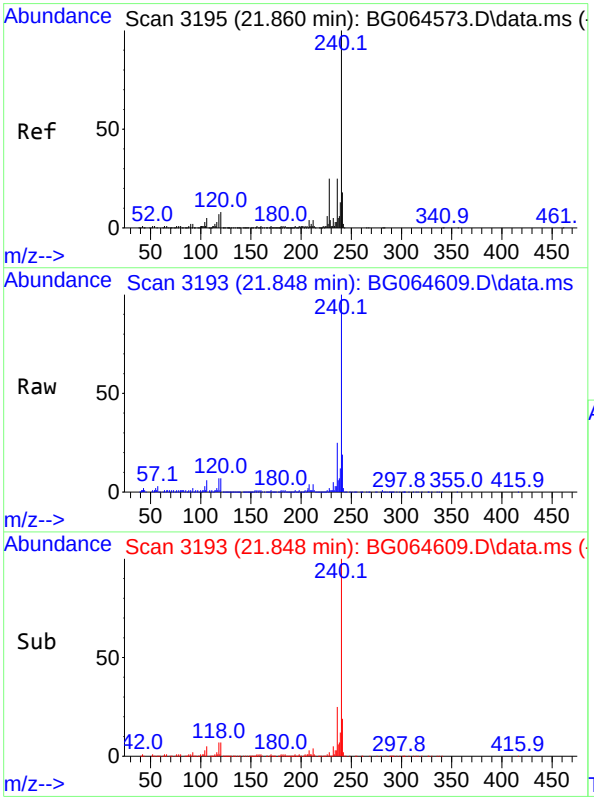
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:188 Resp: 249913

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	8.4	6.8	10.2

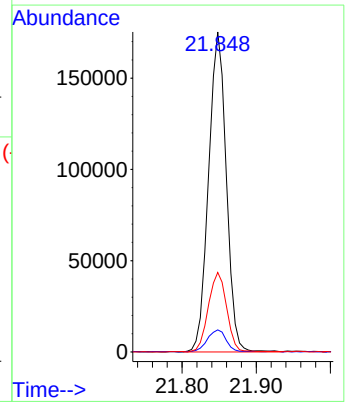


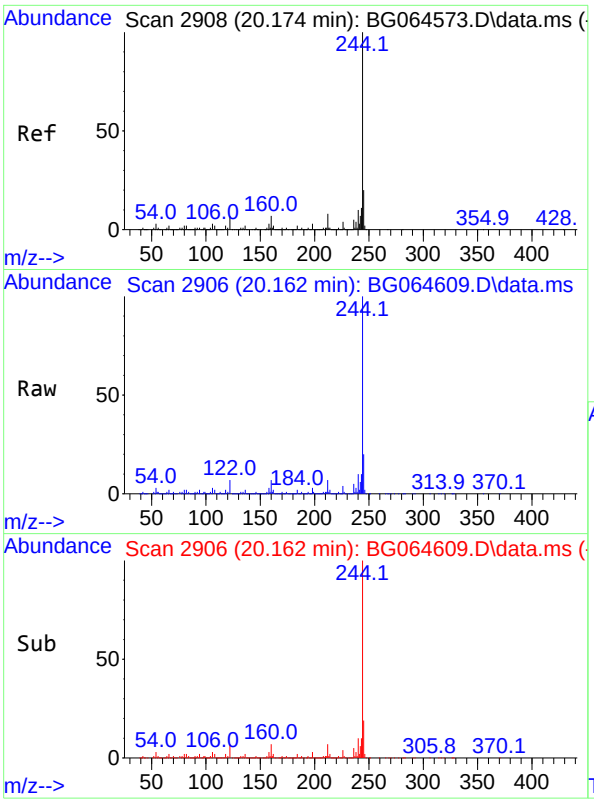


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:240 Resp: 291786

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.5	9.7
236	24.9	20.2	30.2



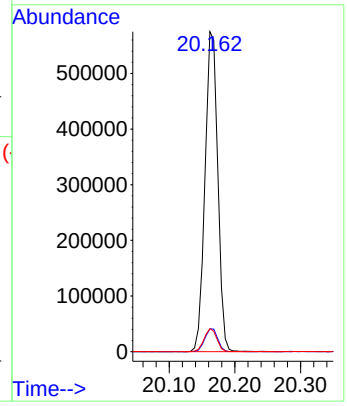


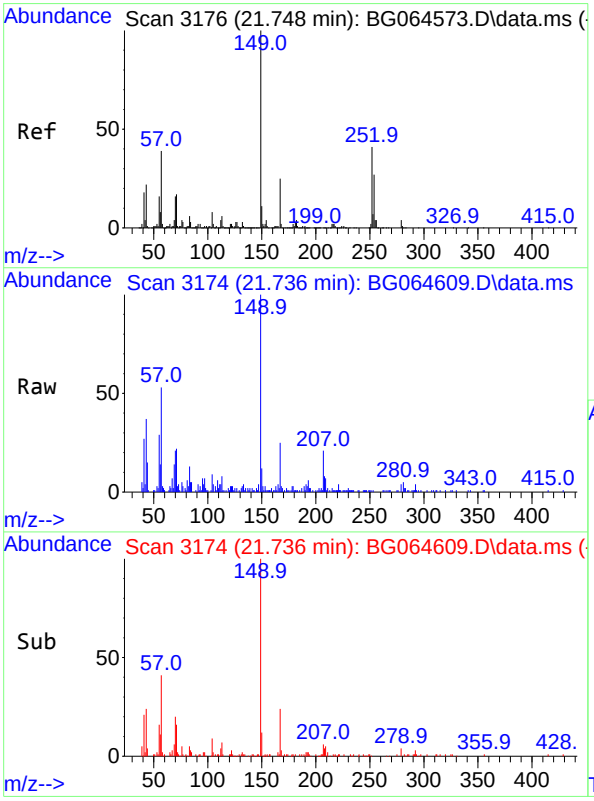
#79
Terphenyl-d14
Concen: 50.488 ng
RT: 20.162 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:244 Resp: 780618

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	7.2	5.6	8.4

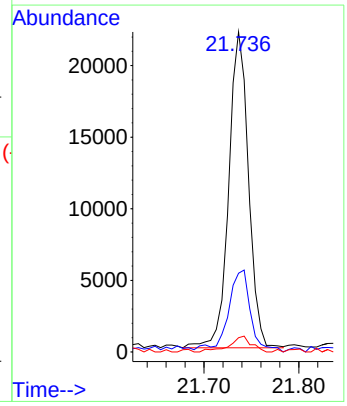


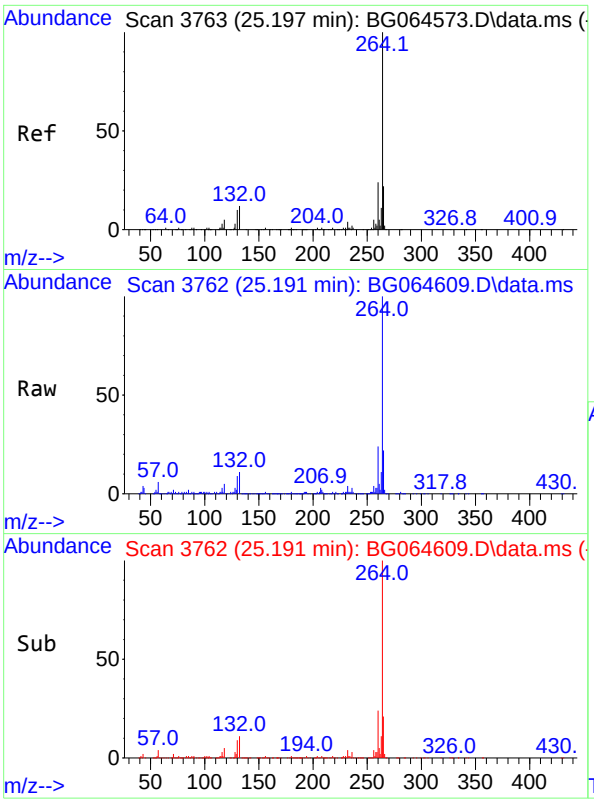


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.713 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.015 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:149 Resp: 31971

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.0	30.0
279	4.5	3.1	4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:264 Resp: 320360

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.6	17.6	26.4