Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064668.D
Acq On : 31 Oct 2025 23:04
Operator : RC/JU
Sample : Q3501-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
461

Quant Time: Nov 01 00:01:49 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	47266	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	173807	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	117672	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	209356	20.000	ng	# 0.02
76) Chrysene-d12	21.883	240	249058	20.000	ng	0.02
86) Perylene-d12	25.209	264	300101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	9.380	82	2246	0.776	ng	-0.01
42) 2,4,6-Tribromophenol	16.325	330	10549	6.211	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	32885	4.236	ng	0.00
79) Terphenyl-d14	20.197	244	66540	5.042	ng	0.02
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.748	149	42797	5.824	ng	# 82

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

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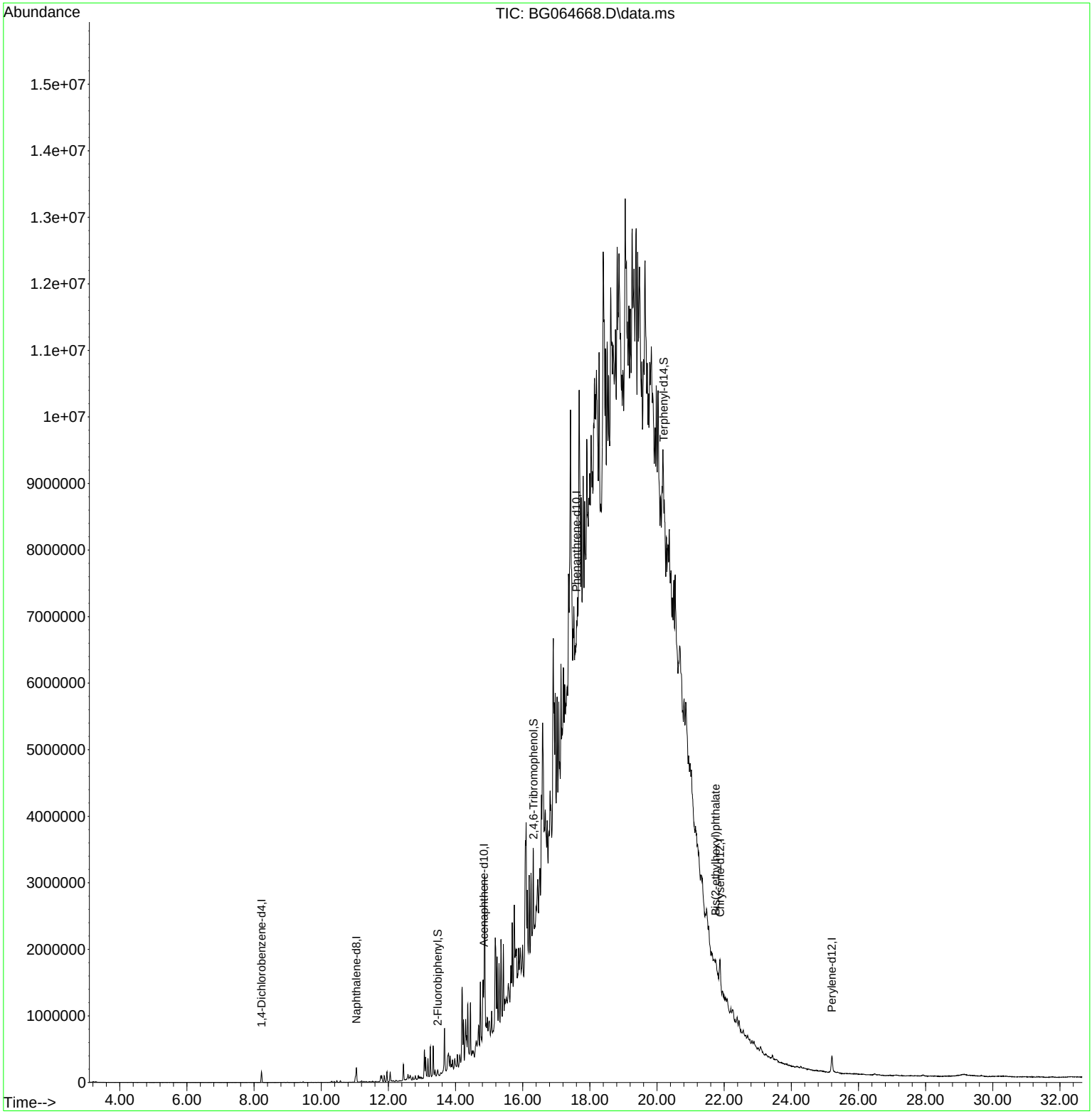
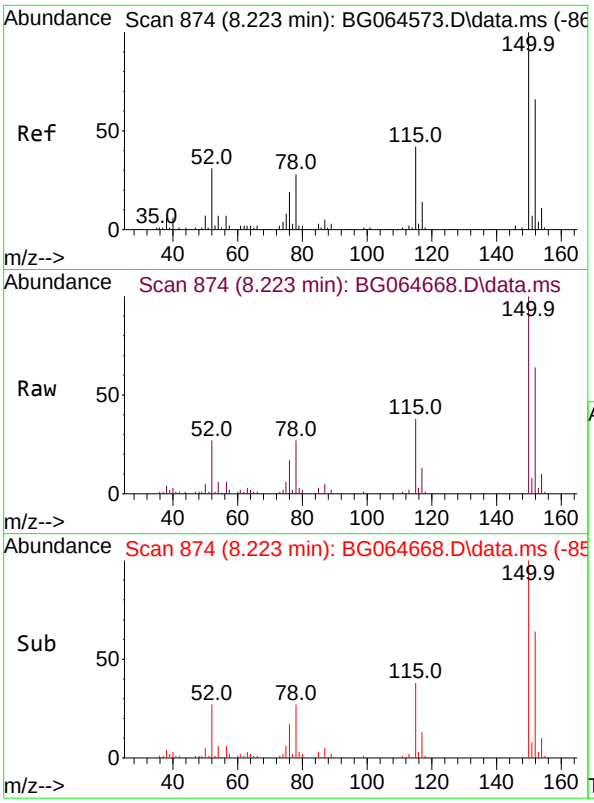


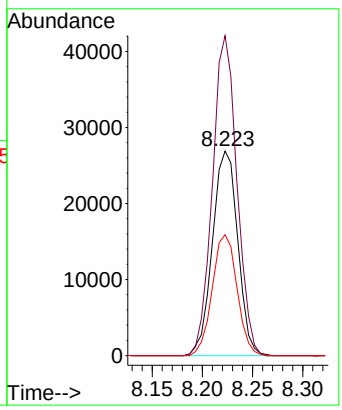


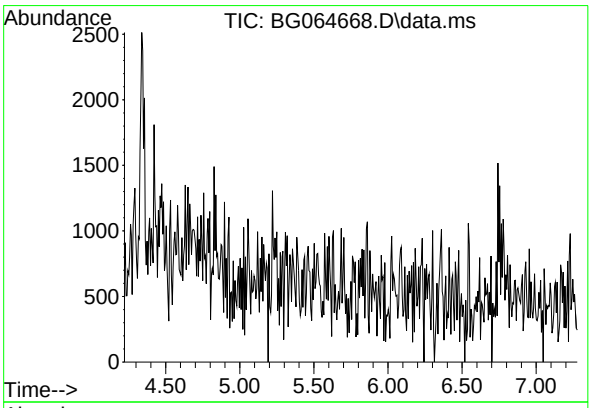
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion:152 Resp: 47266

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.2	183.4
115	59.1	50.8	76.2



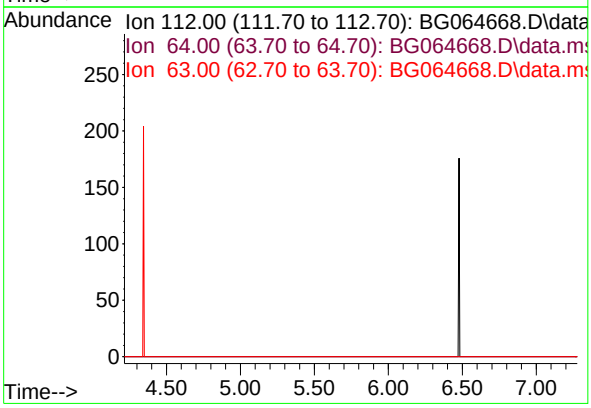


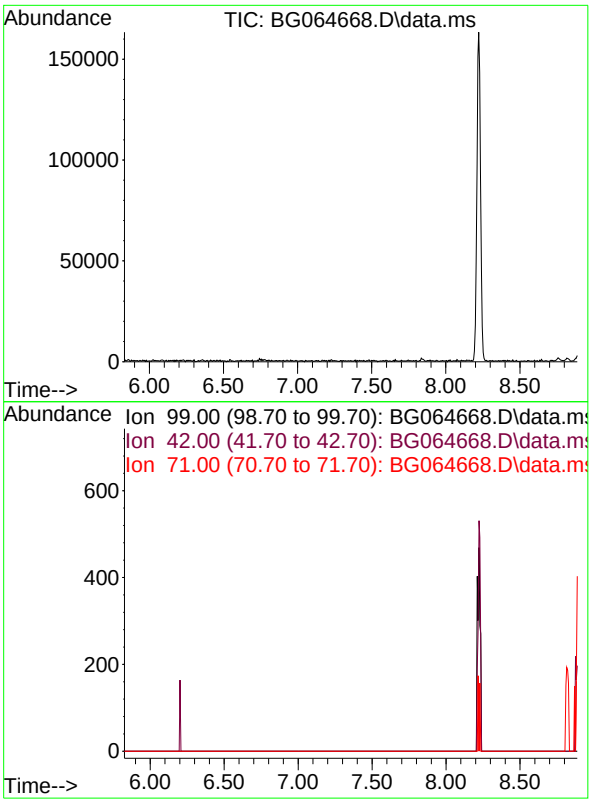
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.75 min

Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	75.9
63	41.7





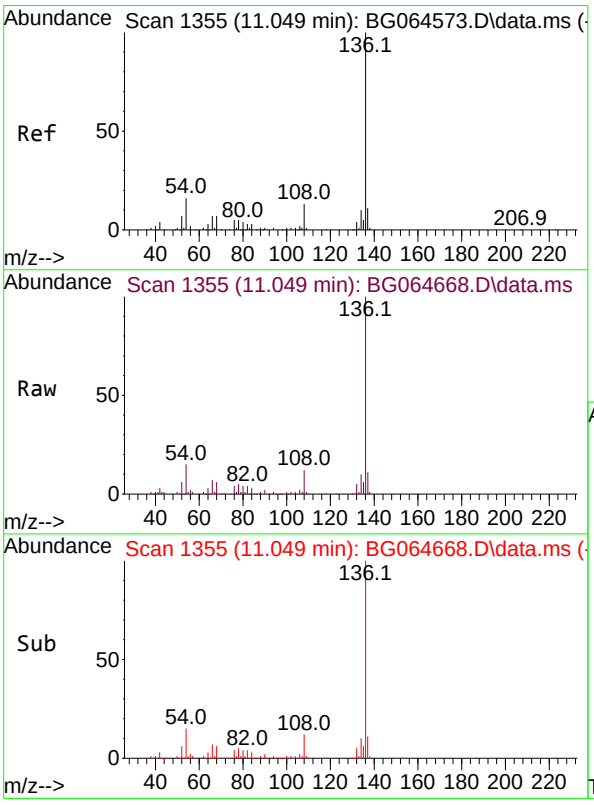
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.36 min

Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion: 99

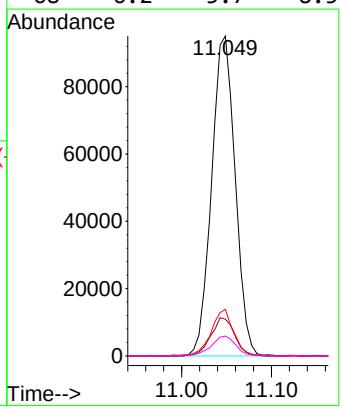
Sig	Exp Ratio
99	100
42	22.9
71	35.8

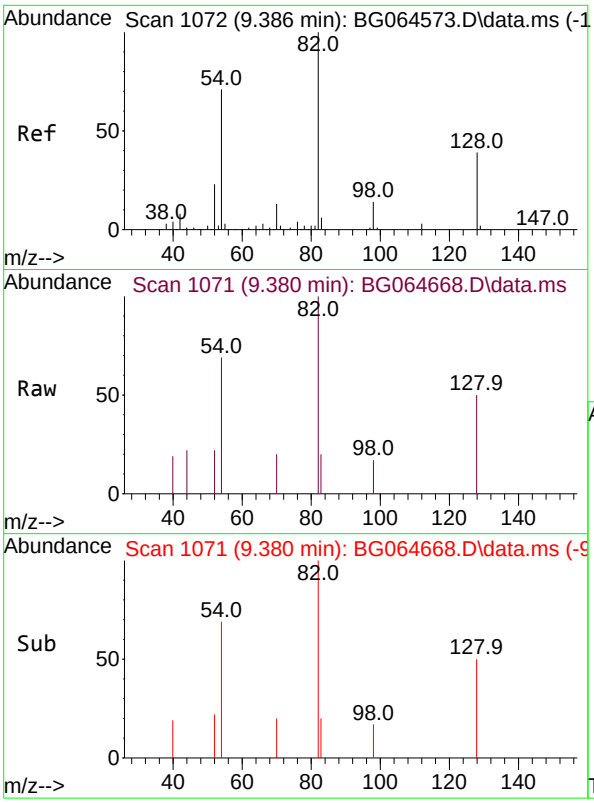


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Tgt Ion:136 Resp: 173807

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	14.5	12.6	19.0
68	6.2	5.7	8.5



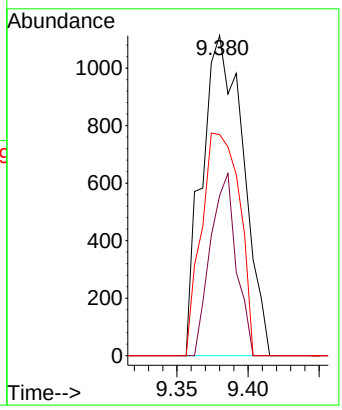


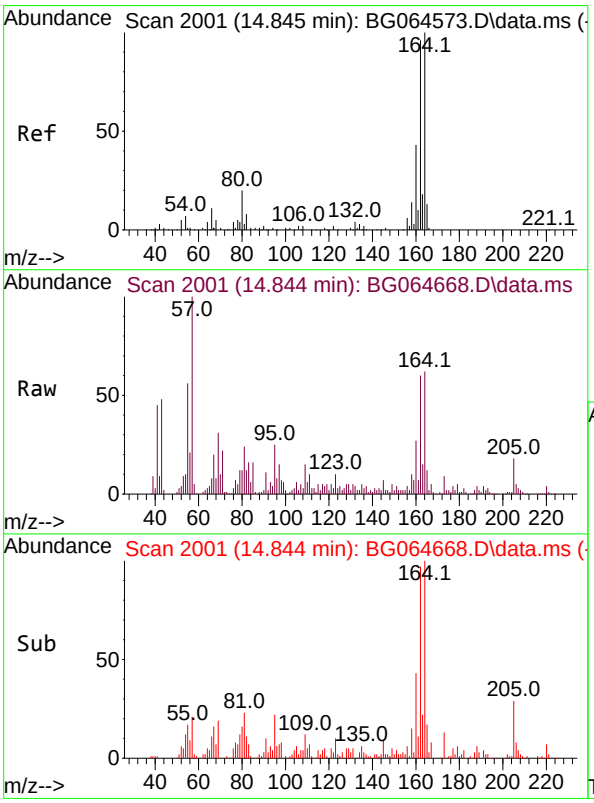
#23
Nitrobenzene-d5
Concen: 0.776 ng
RT: 9.380 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion: 82 Resp: 2246

Ion	Ratio	Lower	Upper
82	100		
128	50.0	31.3	46.9#
54	69.1	56.6	84.8

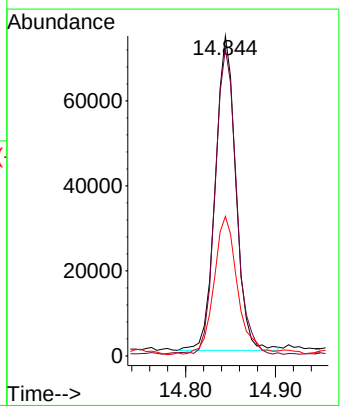


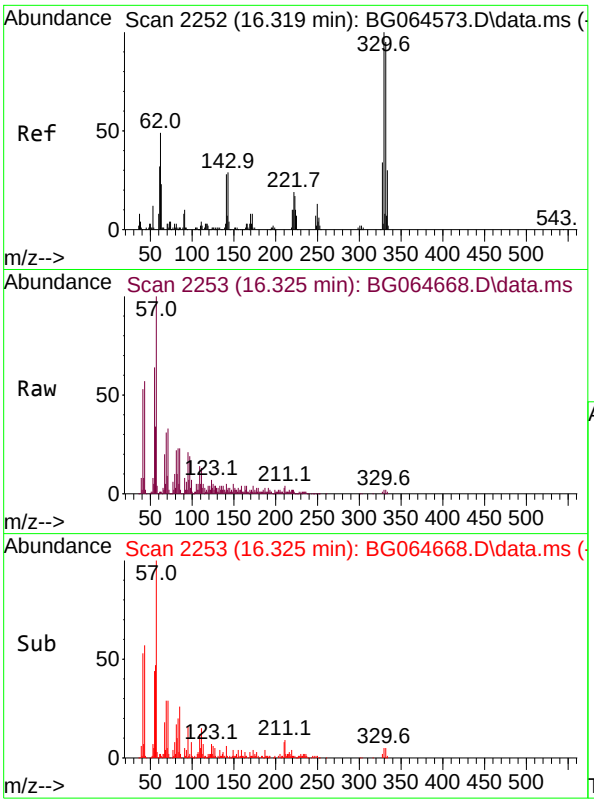


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Tgt Ion:164 Resp: 117672

Ion	Ratio	Lower	Upper
164	100		
162	96.0	77.0	115.6
160	43.6	34.4	51.6



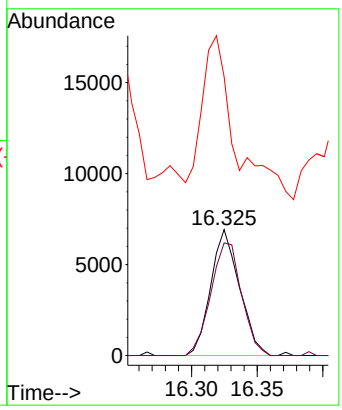


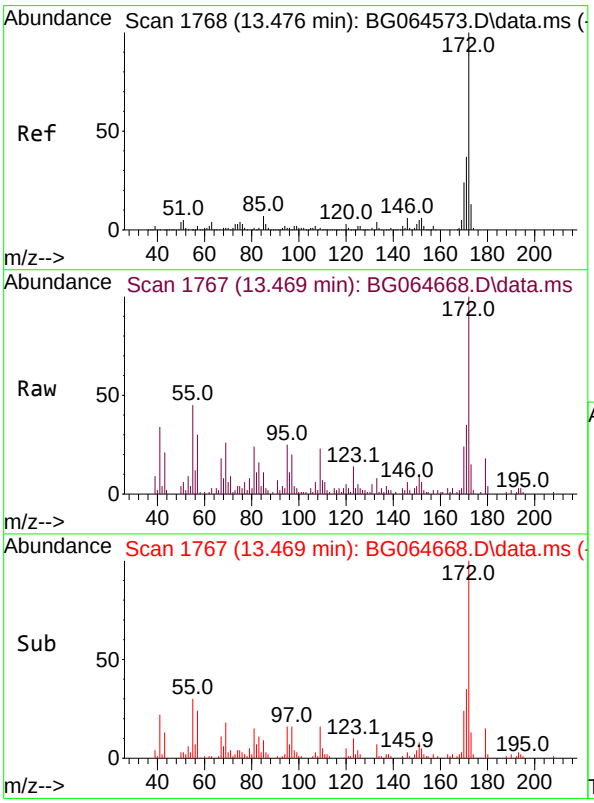
#42
2,4,6-Tribromophenol
Concen: 6.211 ng
RT: 16.325 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion:330 Resp: 10549

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	149.4	21.8	32.6#

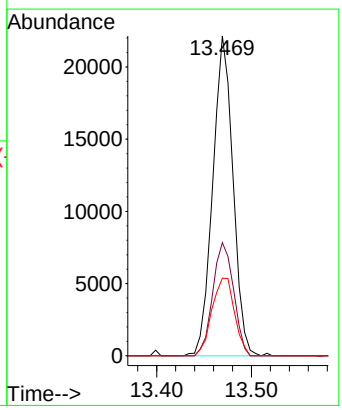


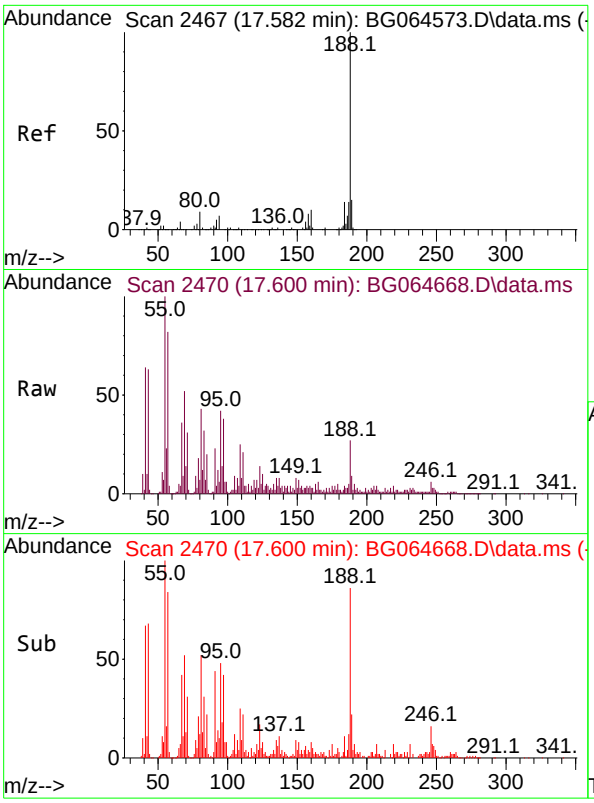


#45
2-Fluorobiphenyl
Concen: 4.236 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Tgt Ion:172 Resp: 32885

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.3	19.1	28.7



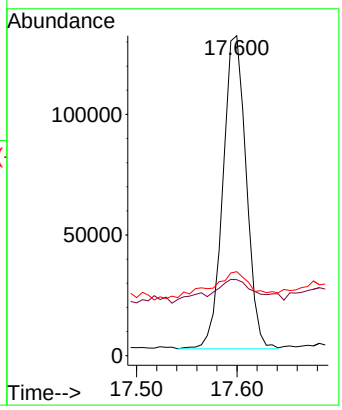


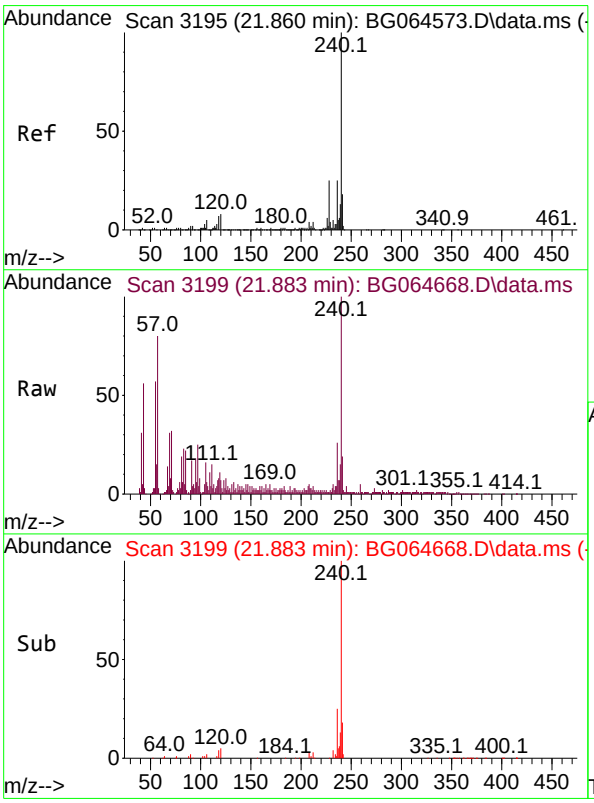
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 24
Delta R.T. 0.020 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion:188 Resp: 209356

Ion	Ratio	Lower	Upper
188	100		
94	23.7	5.7	8.5#
80	26.2	6.8	10.2#

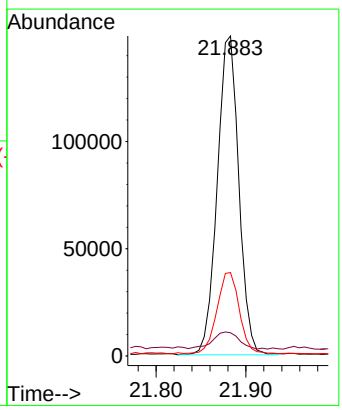


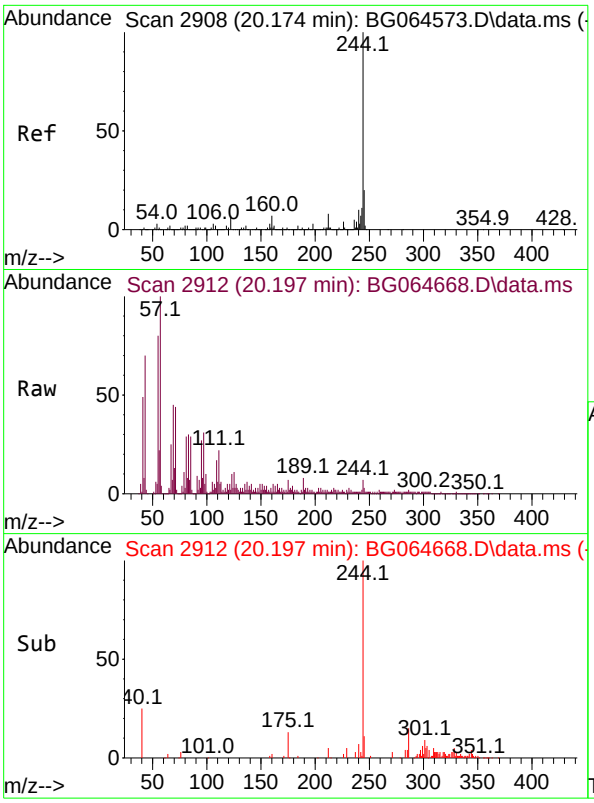


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3199
Delta R.T. 0.020 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Tgt Ion:240 Resp: 249058

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.5	9.7
236	26.1	20.2	30.2



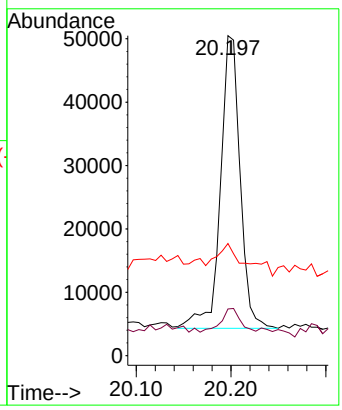


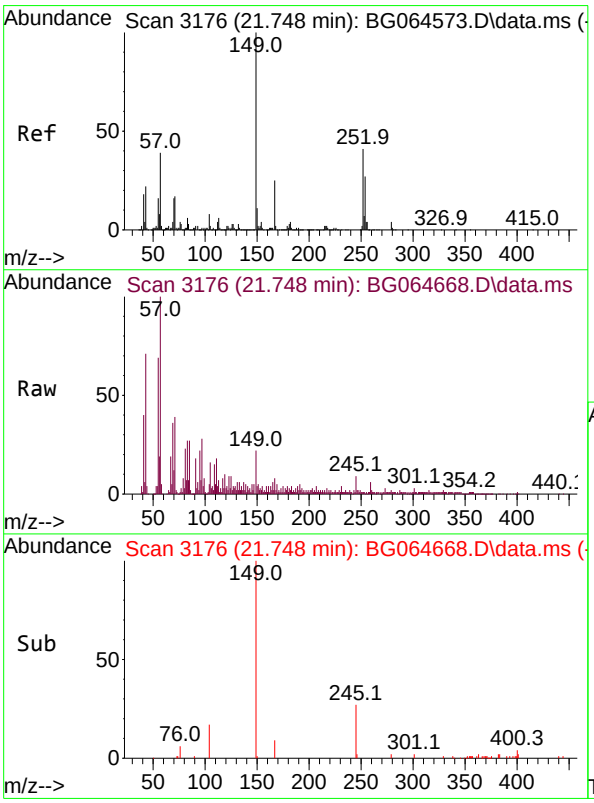
#79
Terphenyl-d14
Concen: 5.042 ng
RT: 20.197 min Scan# 29
Delta R.T. 0.020 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion:244 Resp: 66540

Ion	Ratio	Lower	Upper
244	100		
212	14.6	6.1	9.1#
122	35.0	5.6	8.4#

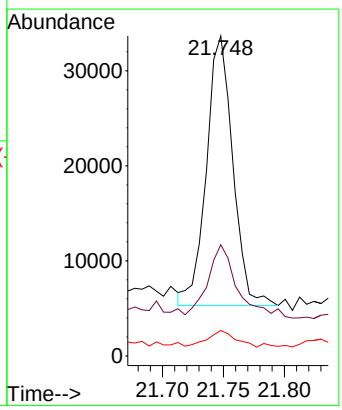


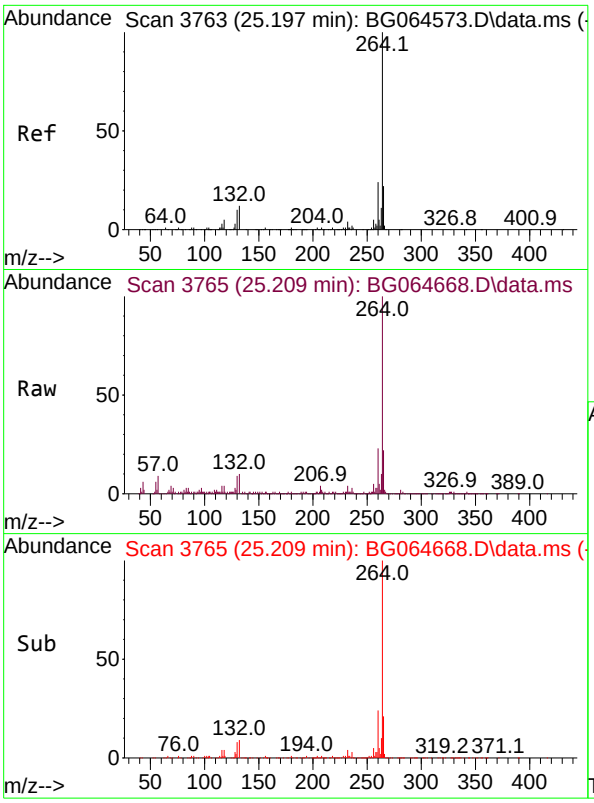


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.824 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Tgt Ion:149 Resp: 42797

Ion	Ratio	Lower	Upper
149	100		
167	34.7	20.0	30.0#
279	7.9	3.1	4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.209 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064668.D
Acq: 31 Oct 2025 23:04

Instrument :
BNA_G
ClientSampleId :
461

Tgt Ion:264 Resp: 300101

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.6	17.6	26.4