Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
Data File : BG064794.D
Acq On : 17 Nov 2025 21:28
Operator : RC/JU
Sample : Q3649-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Quant Time: Nov 18 00:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	35573	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	134204	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	105983	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	261717	20.000	ng	0.00
76) Chrysene-d12	21.749	240	348460	20.000	ng	0.00
86) Perylene-d12	25.009	264	360076	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	126212	61.955	ng	0.00
7) Phenol-d6	7.307	99	198726	73.344	ng	0.00
23) Nitrobenzene-d5	9.322	82	128818	47.459	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	76928	37.217	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	383889	50.542	ng	0.00
79) Terphenyl-d14	20.086	244	951230	53.698	ng	0.00
Target Compounds						Qvalue

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

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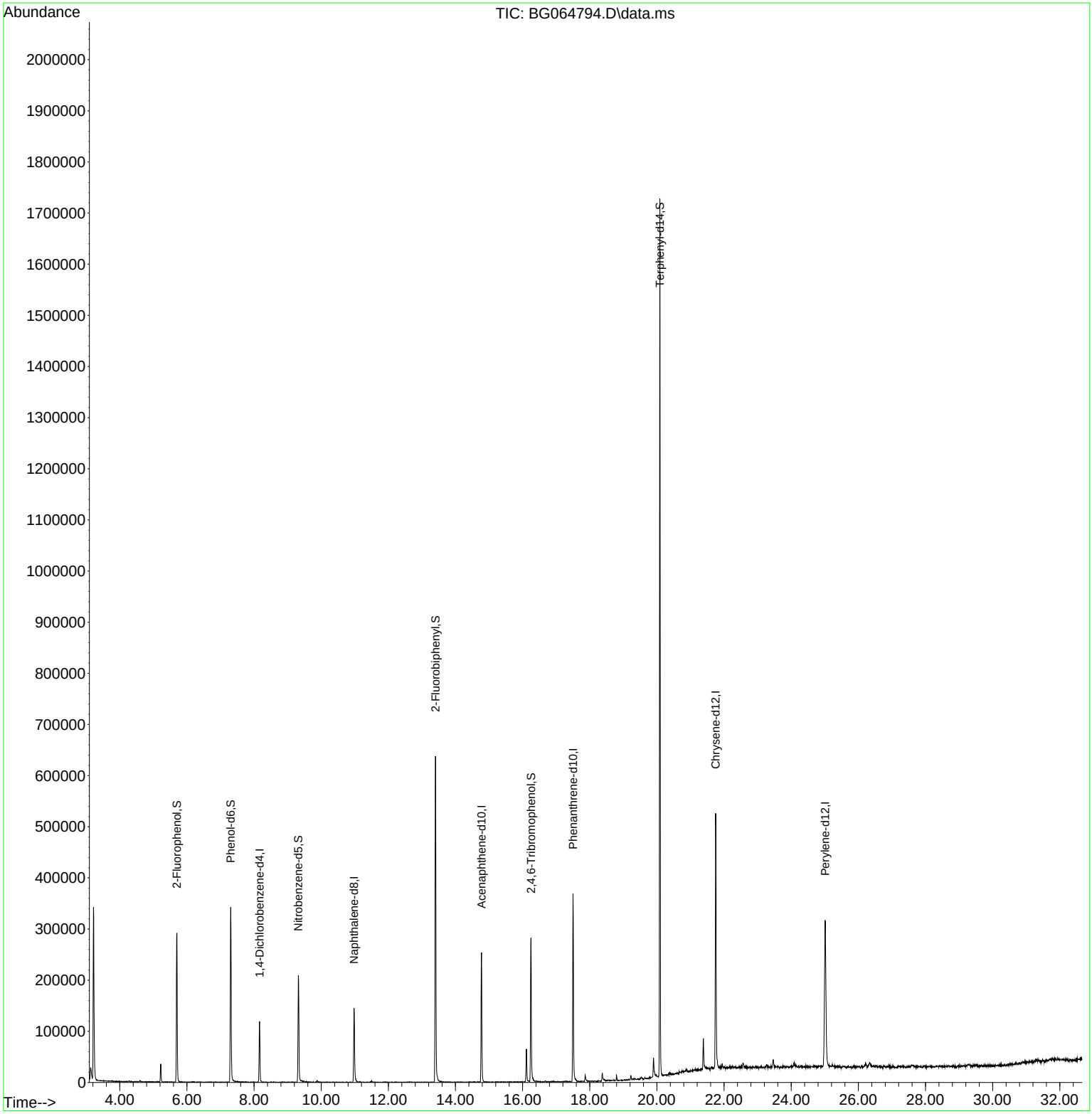
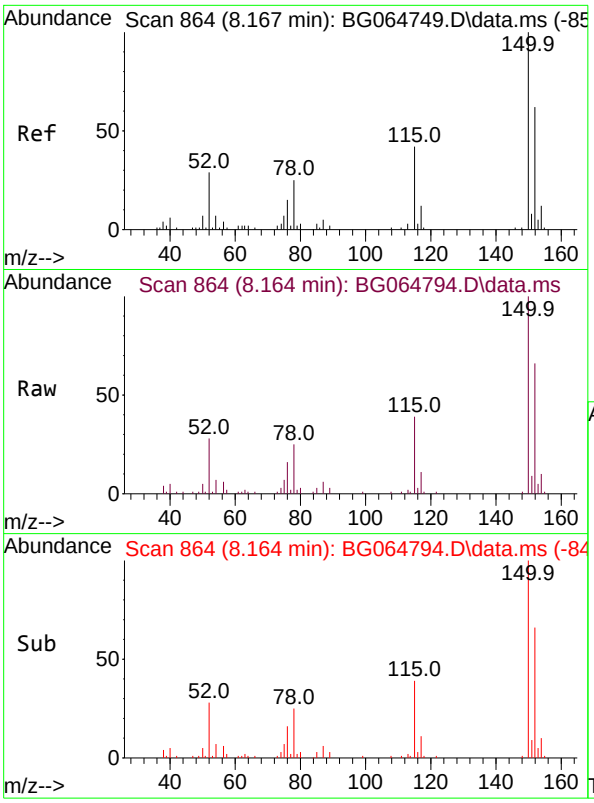


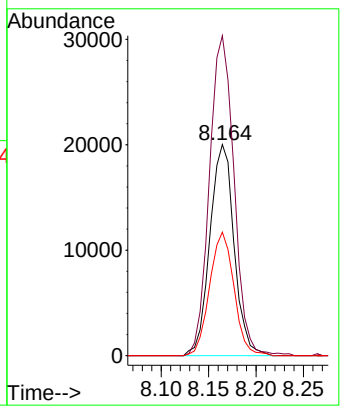


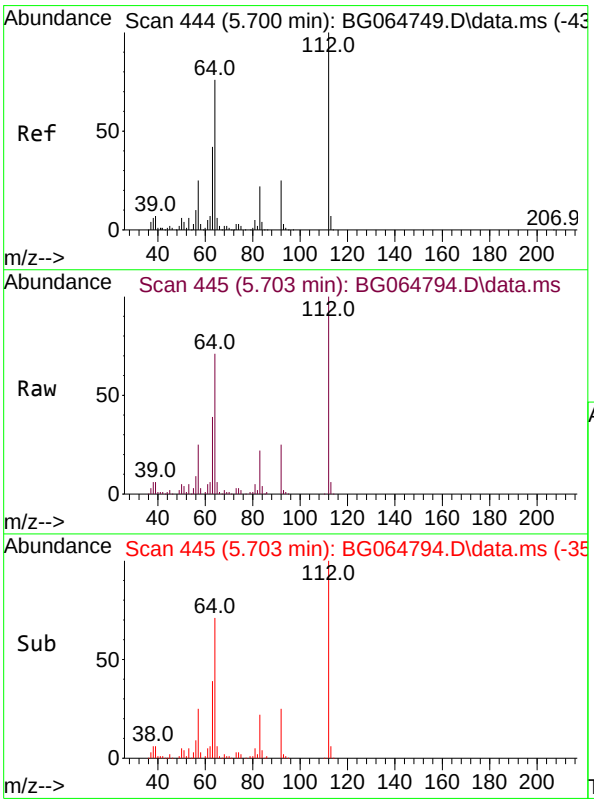
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Tgt Ion:152 Resp: 35573

Ion	Ratio	Lower	Upper
152	100		
150	151.6	129.2	193.8
115	58.5	53.7	80.5

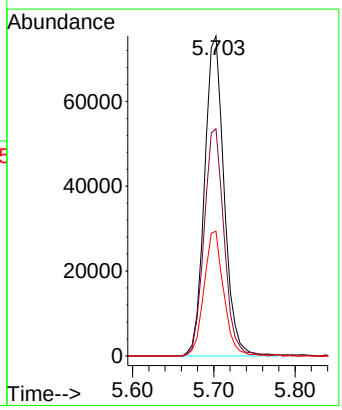


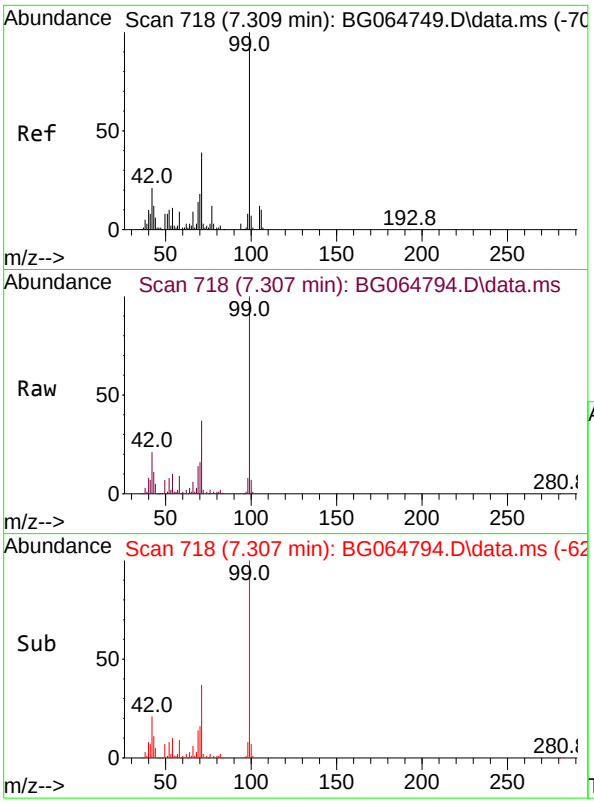


#5
2-Fluorophenol
Concen: 61.955 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion:112 Resp: 126212

Ion	Ratio	Lower	Upper
112	100		
64	71.0	61.0	91.4
63	39.0	33.3	49.9



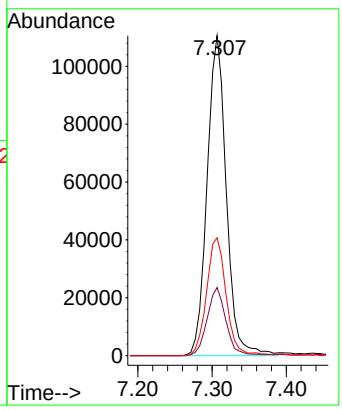


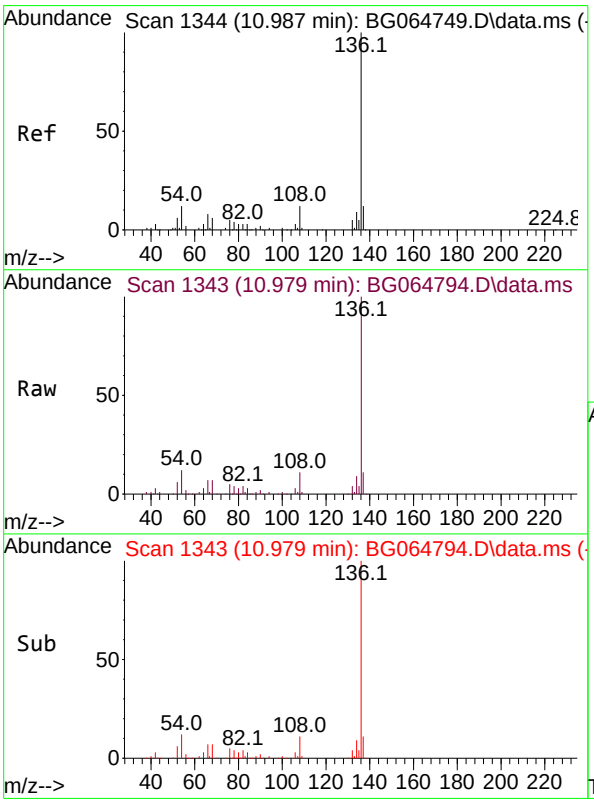
#7
Phenol-d6
Concen: 73.344 ng
RT: 7.307 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Tgt Ion: 99 Resp: 198726

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.8	25.2
71	36.8	31.1	46.7

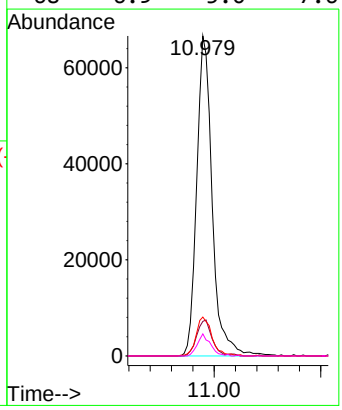


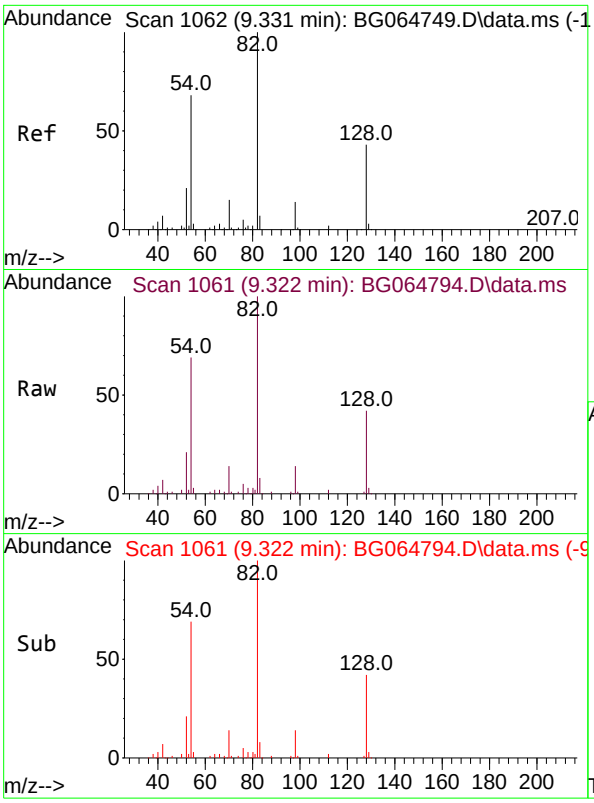


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion:136 Resp: 134204

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	12.1	9.3	13.9
68	6.9	5.0	7.6



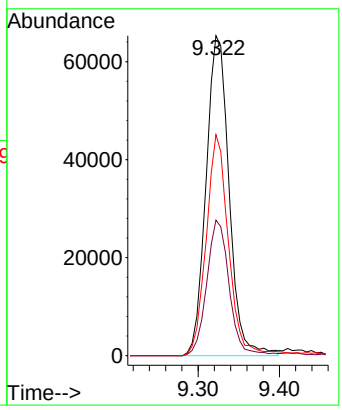


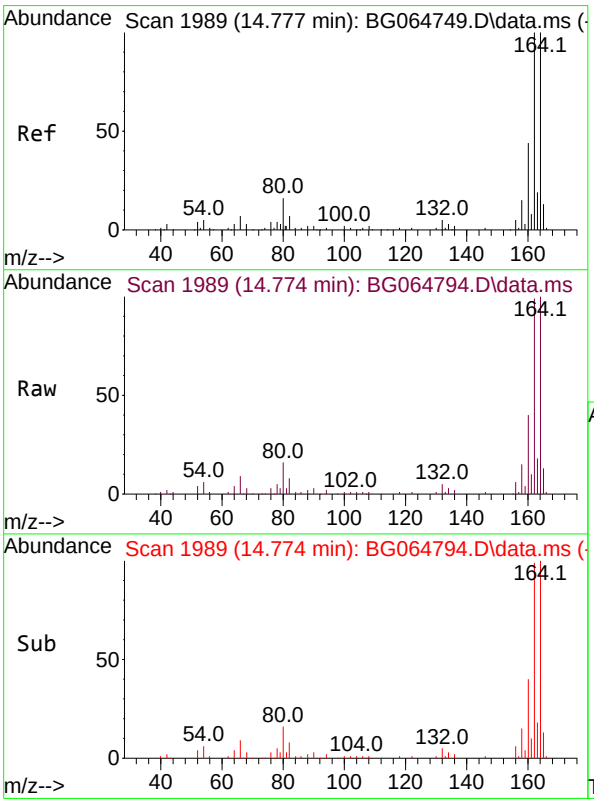
#23
Nitrobenzene-d5
Concen: 47.459 ng
RT: 9.322 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Tgt Ion: 82 Resp: 128818

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.1	51.1
54	69.0	54.3	81.5

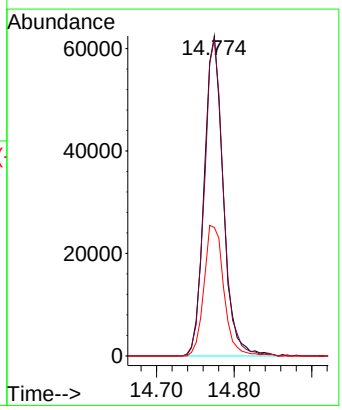


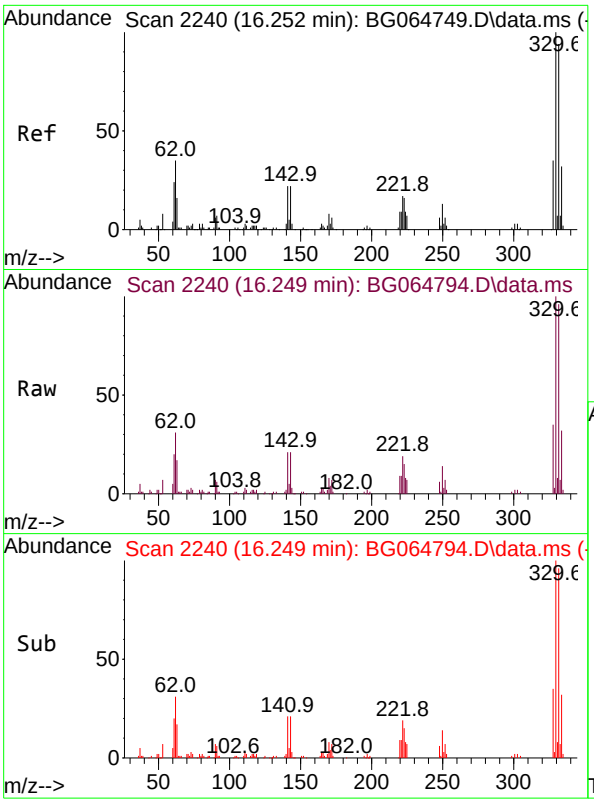


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion:164 Resp: 105983

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.6
160	40.1	34.9	52.3



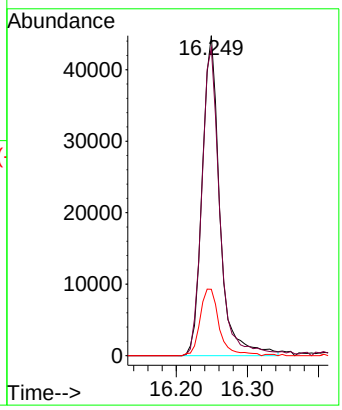


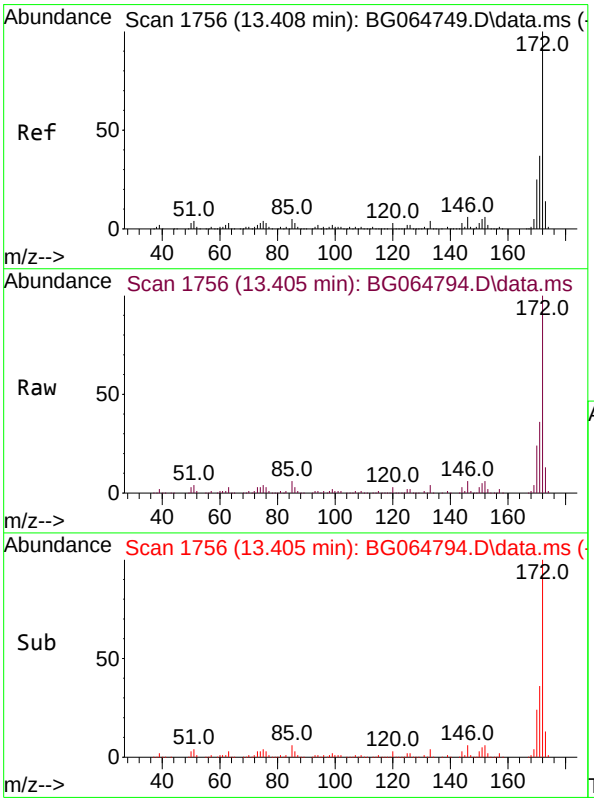
#42
2,4,6-Tribromophenol
Concen: 37.217 ng
RT: 16.249 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Tgt Ion:330 Resp: 76928

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	22.5	18.2	27.2

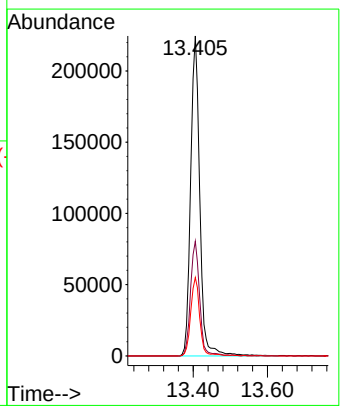


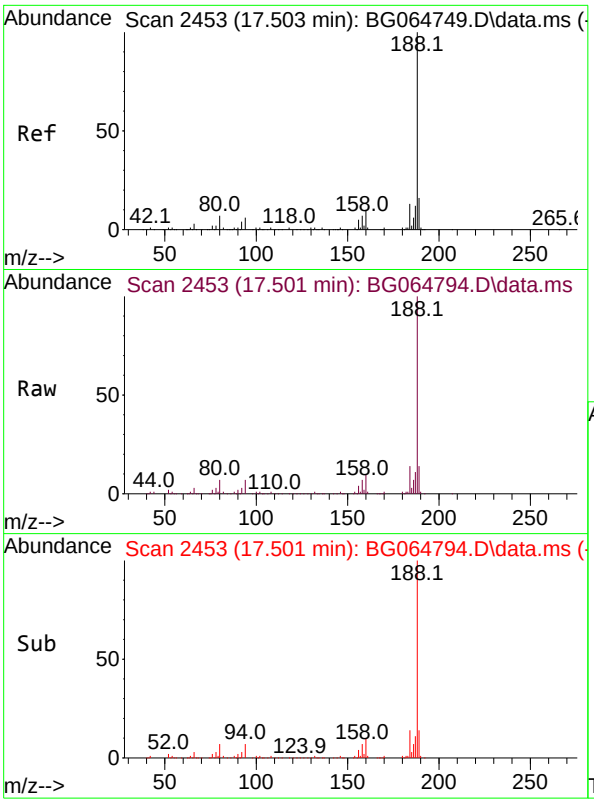


#45
2-Fluorobiphenyl
Concen: 50.542 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion:172 Resp: 383889

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	24.5	19.8	29.6



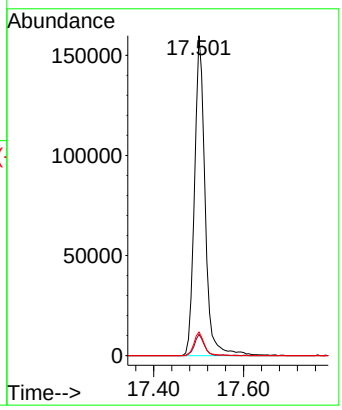


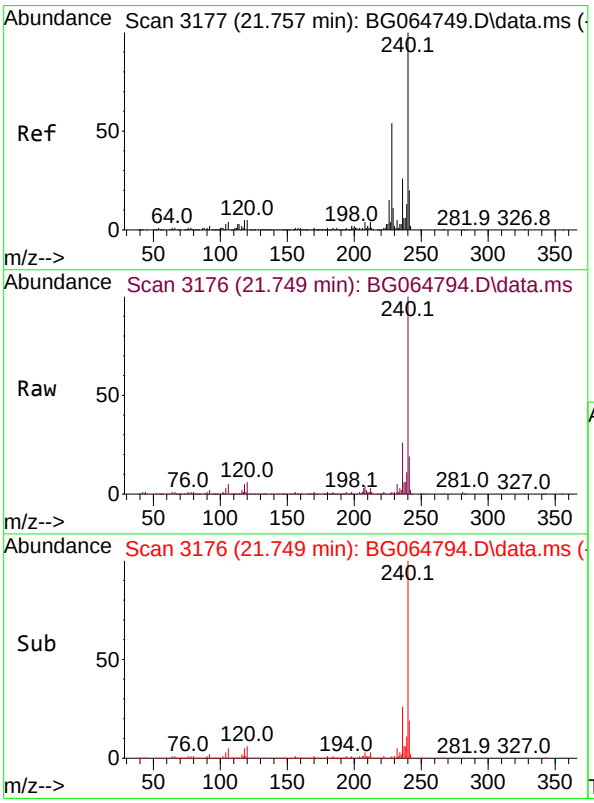
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Tgt Ion:188 Resp: 261717

Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.7	7.1
80	7.4	5.4	8.2

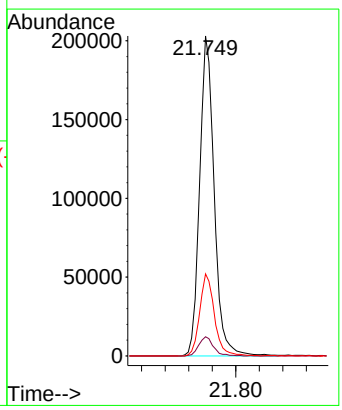


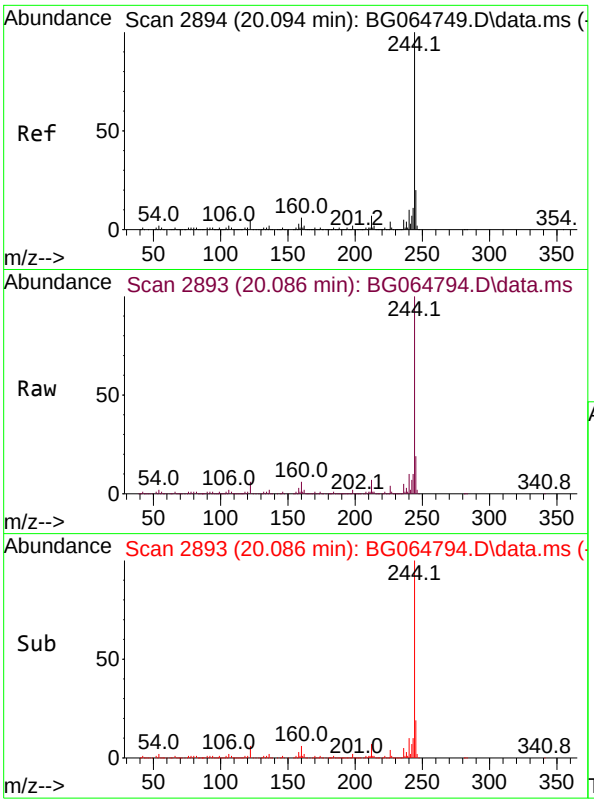


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion:240 Resp: 348460

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.2	6.4
236	25.6	20.8	31.2



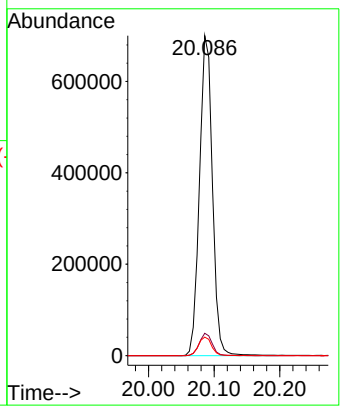


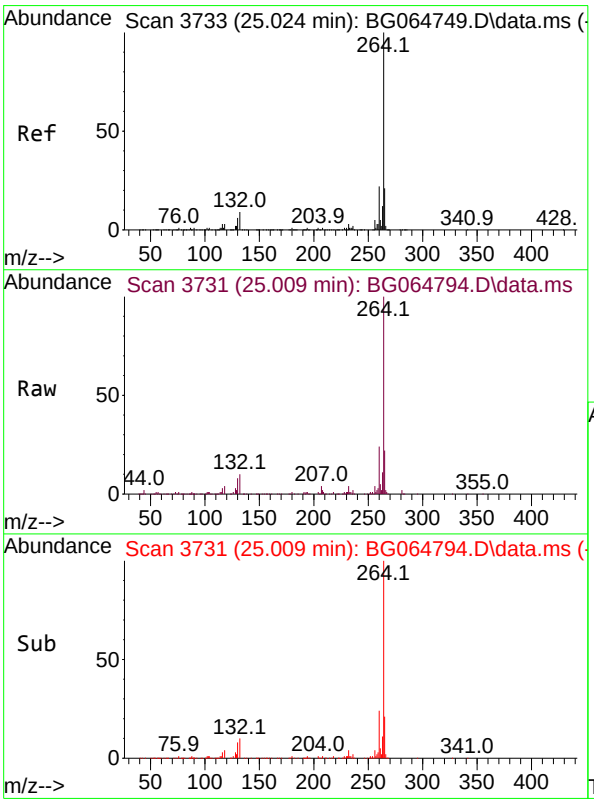
#79
Terphenyl-d14
Concen: 53.698 ng
RT: 20.086 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

Tgt Ion:244 Resp: 951230

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	5.8	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.014 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion:264 Resp: 360076

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.2	25.8
265	21.7	16.6	25.0