Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
Data File : BG064792.D
Acq On : 17 Nov 2025 20:07
Operator : RC/JU
Sample : Q3649-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Quant Time: Nov 18 00:23:32 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	8.167	152	33180	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	121269	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	93445	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	234373	20.000	ng	0.00
76) Chrysene-d12	21.751	240	327722	20.000	ng	0.00
86) Perylene-d12	25.006	264	336150	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	122605	64.525	ng	0.00
7) Phenol-d6	7.303	99	159416	63.079	ng	0.00
23) Nitrobenzene-d5	9.324	82	101547	41.402	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	120768	66.266	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	286692	42.809	ng	0.00
79) Terphenyl-d14	20.088	244	743942	44.654	ng	0.00
Target Compounds						Qvalue

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

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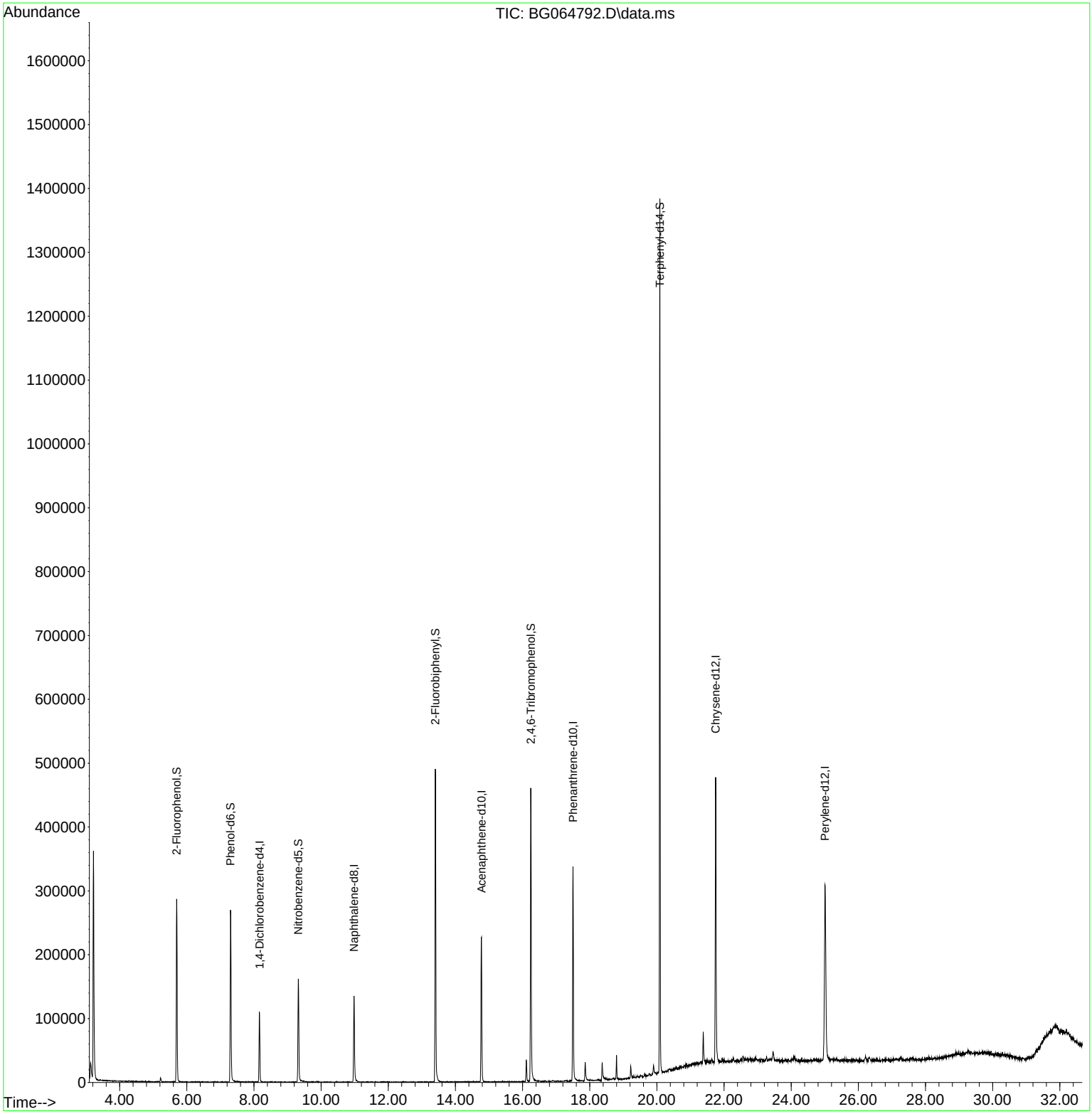
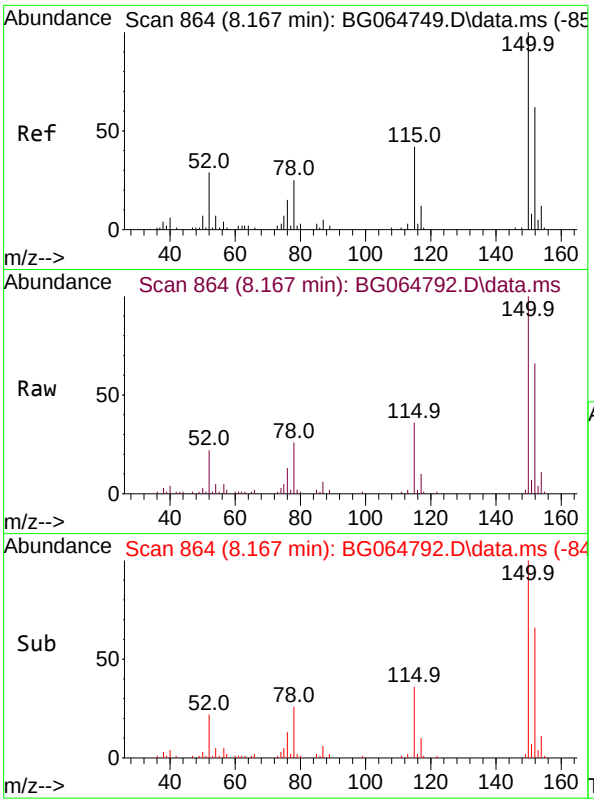


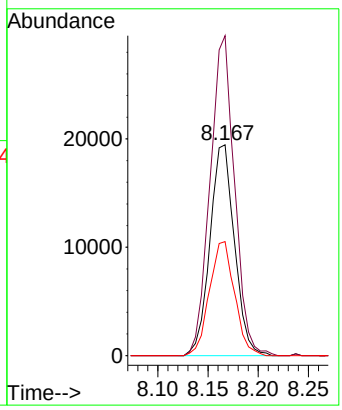


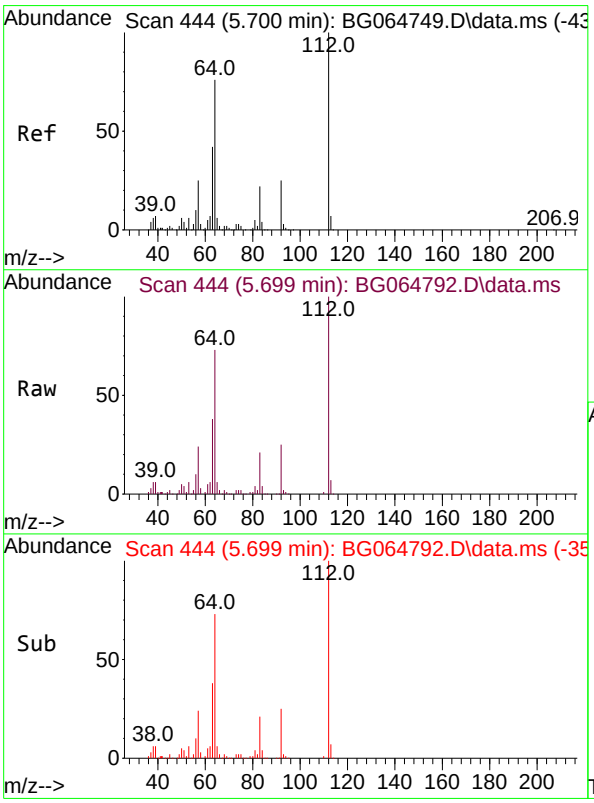
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Tgt Ion:152 Resp: 33180

Ion	Ratio	Lower	Upper
152	100		
150	151.7	129.2	193.8
115	54.1	53.7	80.5

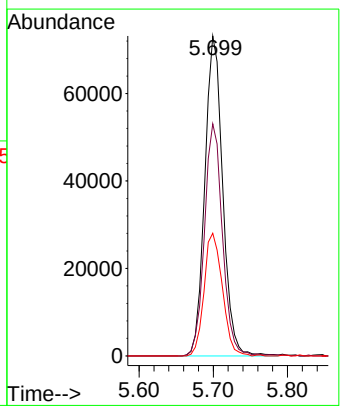


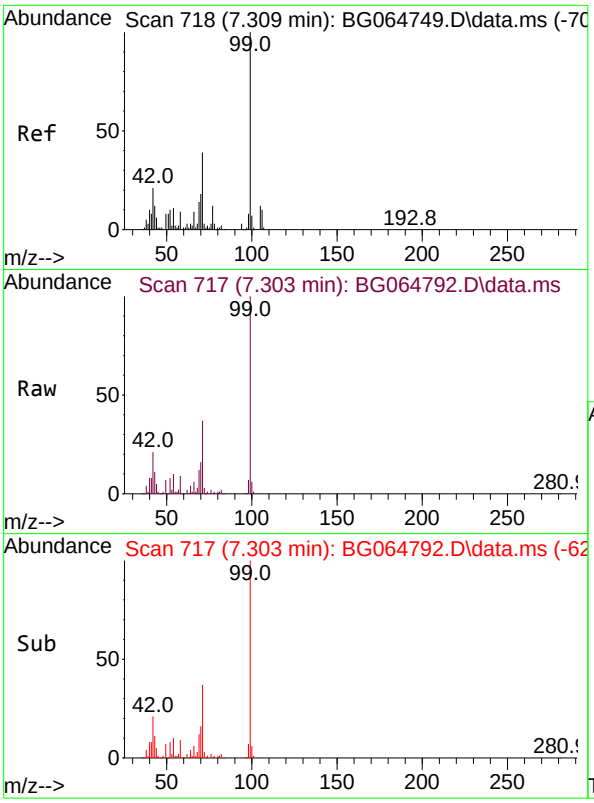


#5
2-Fluorophenol
Concen: 64.525 ng
RT: 5.699 min Scan# 444
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:112 Resp: 122605

Ion	Ratio	Lower	Upper
112	100		
64	72.5	61.0	91.4
63	38.3	33.3	49.9



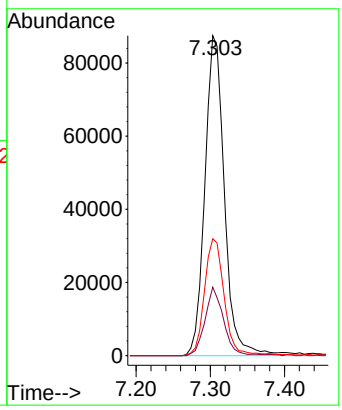


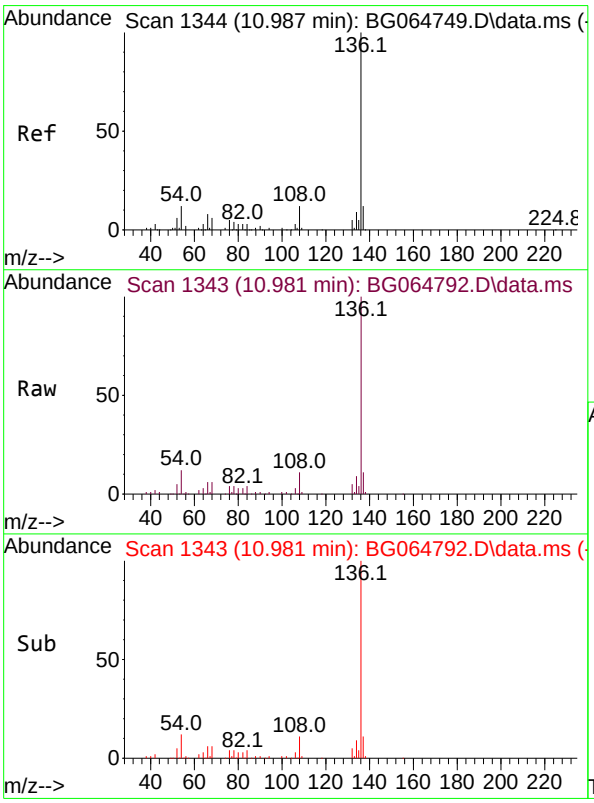
#7
Phenol-d6
Concen: 63.079 ng
RT: 7.303 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Tgt Ion: 99 Resp: 159416

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.8	25.2
71	36.6	31.1	46.7

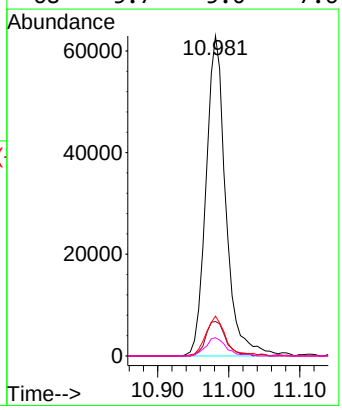


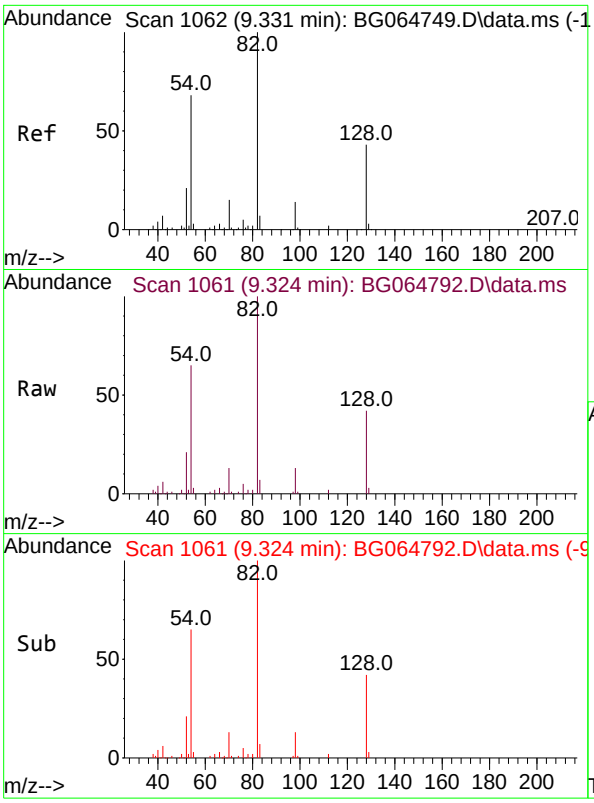


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:136 Resp: 121269

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	12.4	9.3	13.9
68	5.7	5.0	7.6



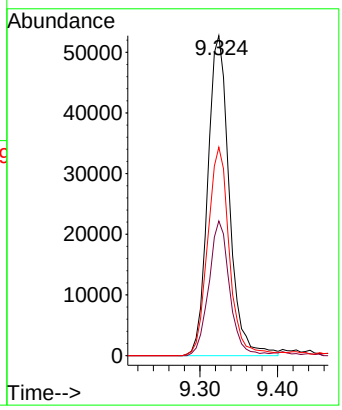


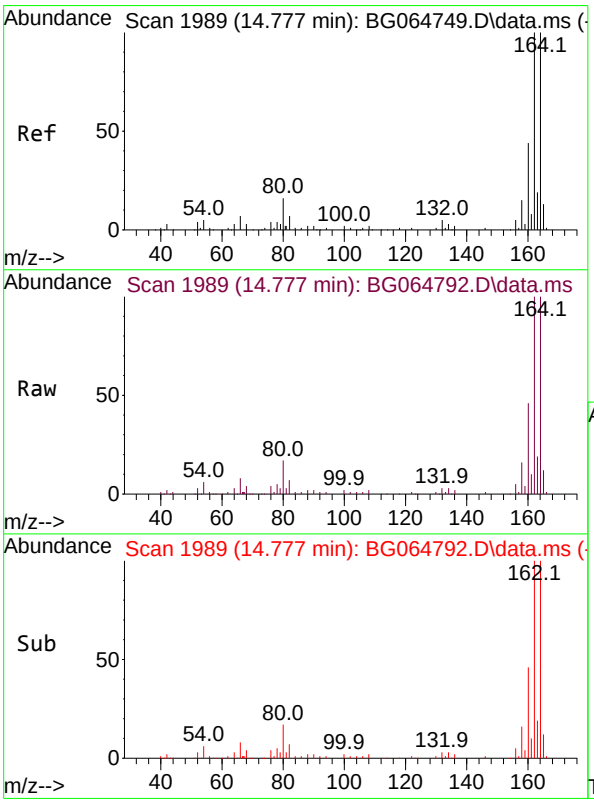
#23
Nitrobenzene-d5
Concen: 41.402 ng
RT: 9.324 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Tgt Ion: 82 Resp: 101547

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	65.2	54.3	81.5

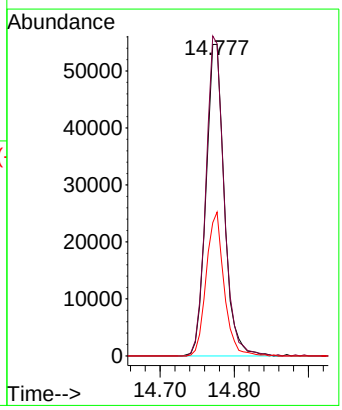


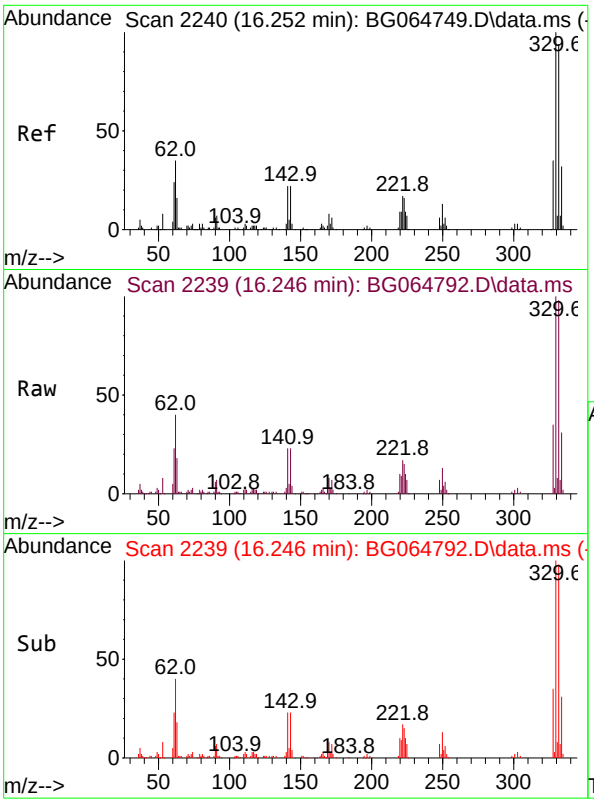


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:164 Resp: 93445

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.8	119.6
160	46.1	34.9	52.3



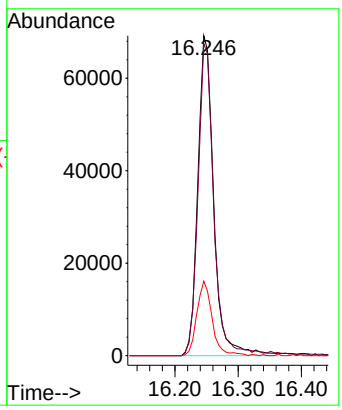


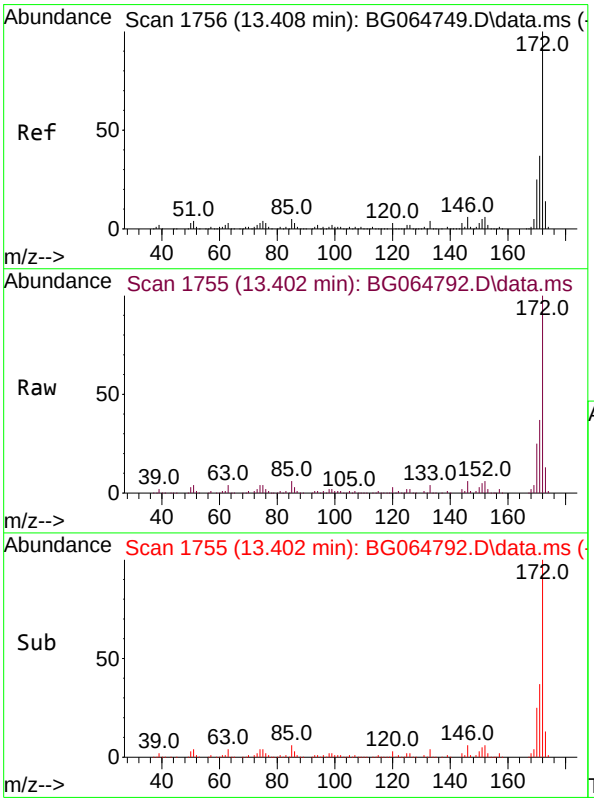
#42
2,4,6-Tribromophenol
Concen: 66.266 ng
RT: 16.246 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Tgt Ion:330 Resp: 120768

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	22.3	18.2	27.2

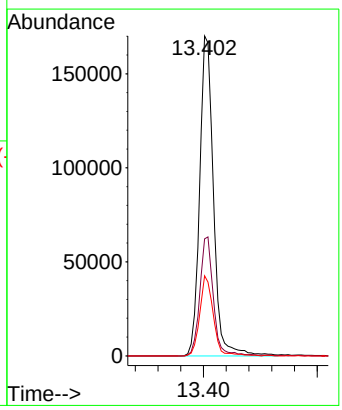


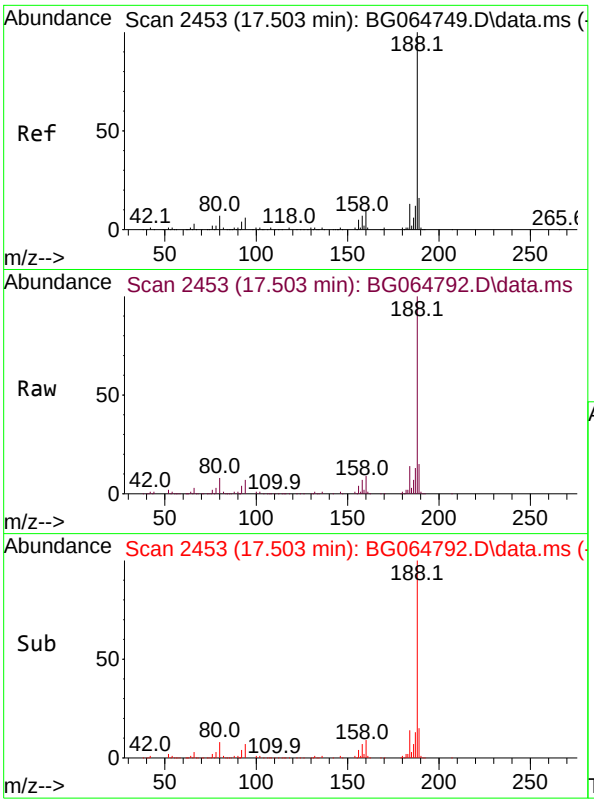


#45
2-Fluorobiphenyl
Concen: 42.809 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:172 Resp: 286692

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	25.0	19.8	29.6



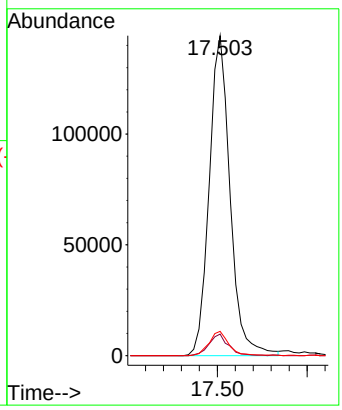


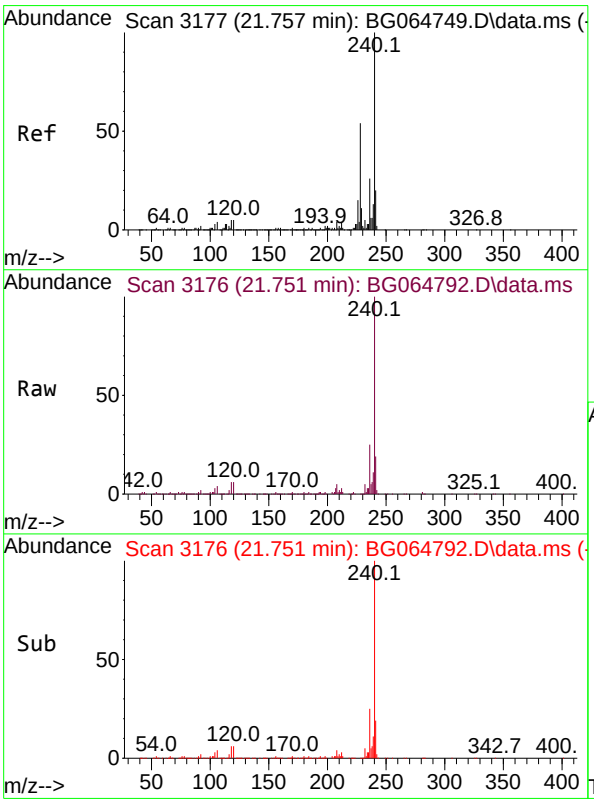
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Tgt Ion:188 Resp: 234373

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.7	7.1
80	7.6	5.4	8.2

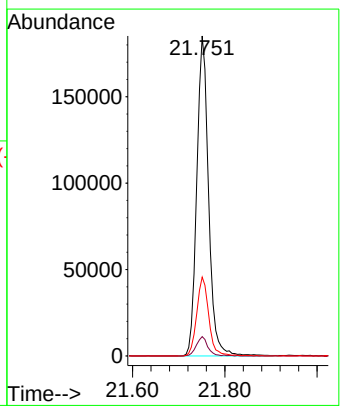


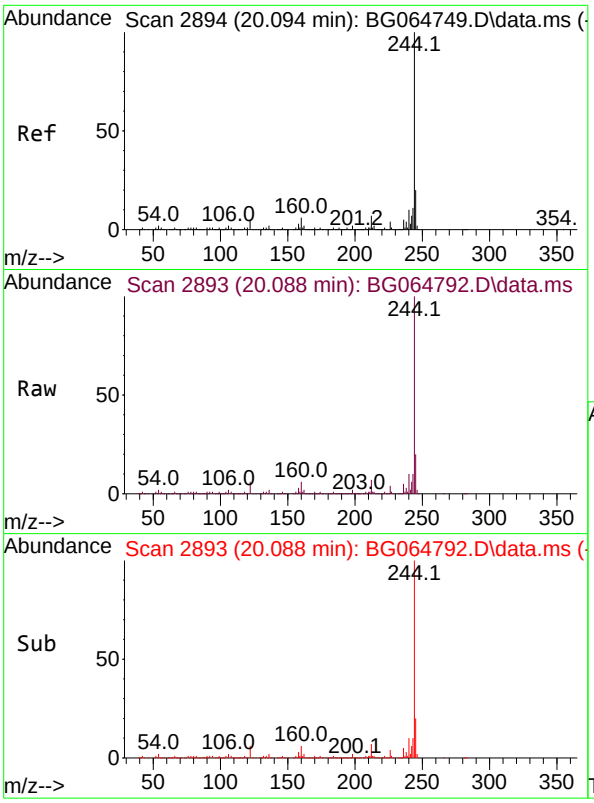


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:240 Resp: 327722

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.2	6.4
236	24.6	20.8	31.2



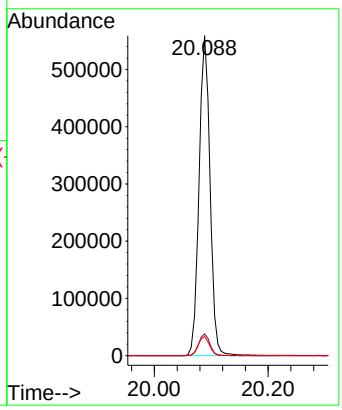


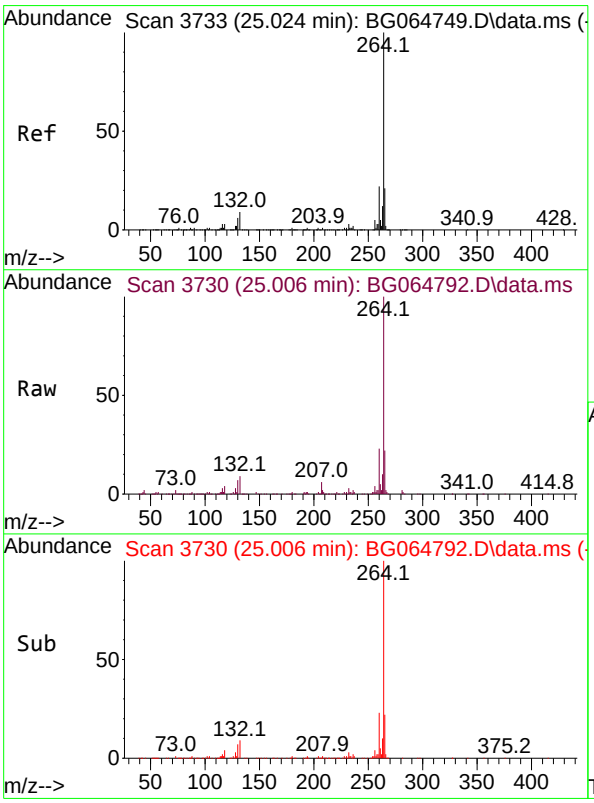
#79
Terphenyl-d14
Concen: 44.654 ng
RT: 20.088 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

Tgt Ion:244 Resp: 743942

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.0	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3730
Delta R.T. -0.018 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:264 Resp: 336150

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.2	25.8
265	22.1	16.6	25.0