Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064330.D
Acq On : 10 Sep 2025 13:18
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Quant Time: Sep 10 13:58:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	23634	20.000	ng	-0.02
21) Naphthalene-d8	10.633	136	95435	20.000	ng	-0.02
39) Acenaphthene-d10	14.470	164	68731	20.000	ng	-0.01
64) Phenanthrene-d10	17.208	188	174502	20.000	ng	#-0.02
76) Chrysene-d12	21.432	240	194396	20.000	ng	#-0.02
86) Perylene-d12	24.435	264	213111	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	178305	135.354	ng	-0.01
7) Phenol-d6	7.014	99	232237	128.324	ng	-0.02
23) Nitrobenzene-d5	8.994	82	170081	99.392	ng	-0.02
42) 2,4,6-Tribromophenol	15.957	330	158338	173.926	ng	-0.02
45) 2-Fluorobiphenyl	13.095	172	432898	96.136	ng	-0.02
79) Terphenyl-d14	19.828	244	933337	100.170	ng	-0.02
Target Compounds						Qvalue

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

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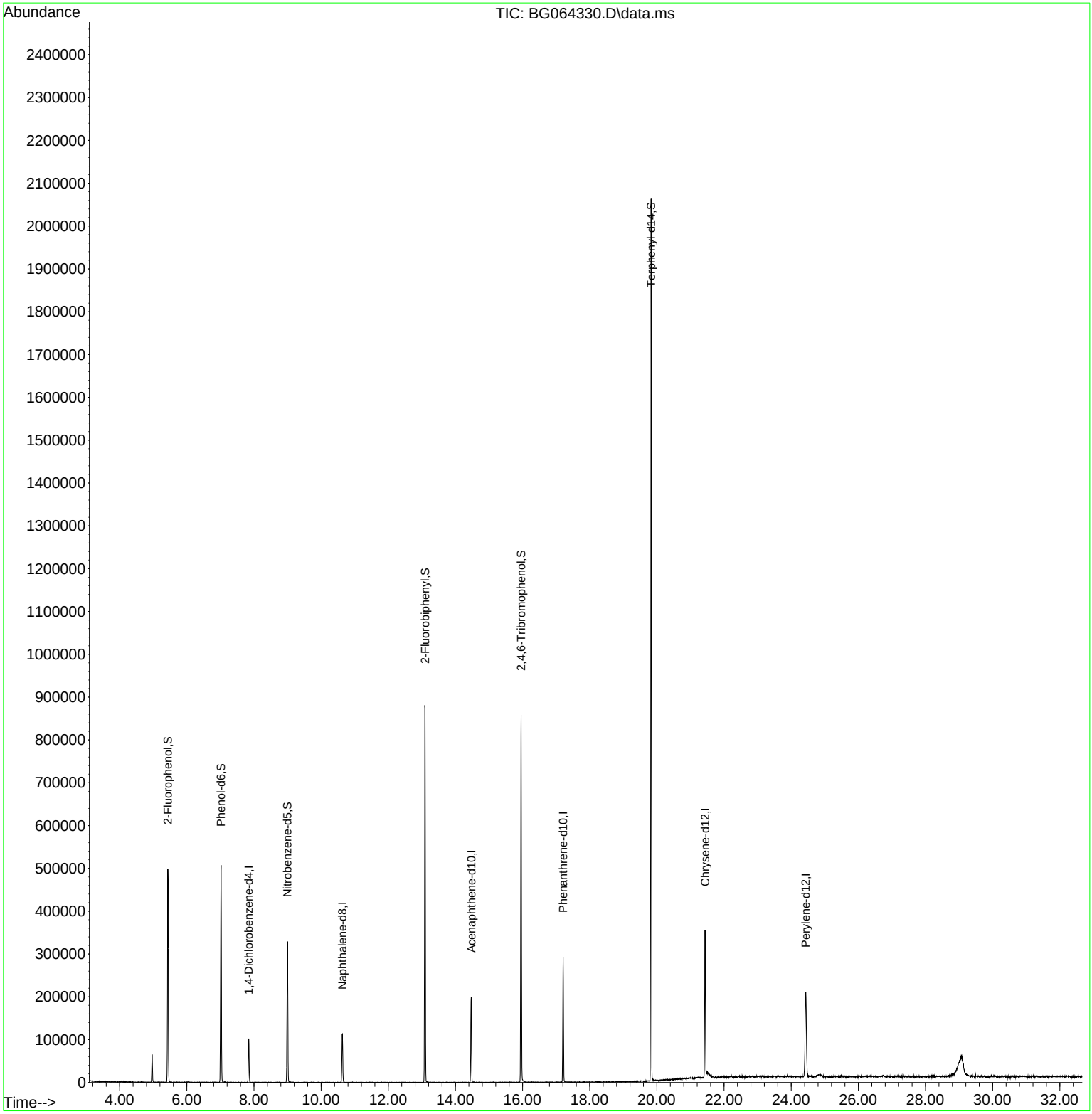
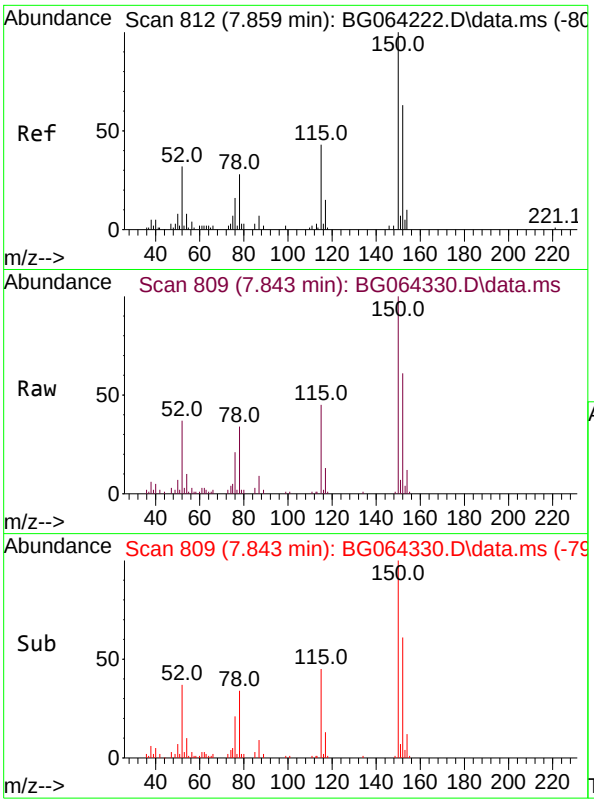


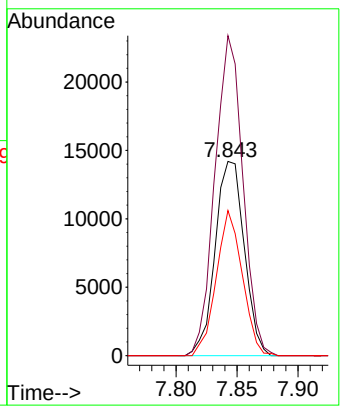


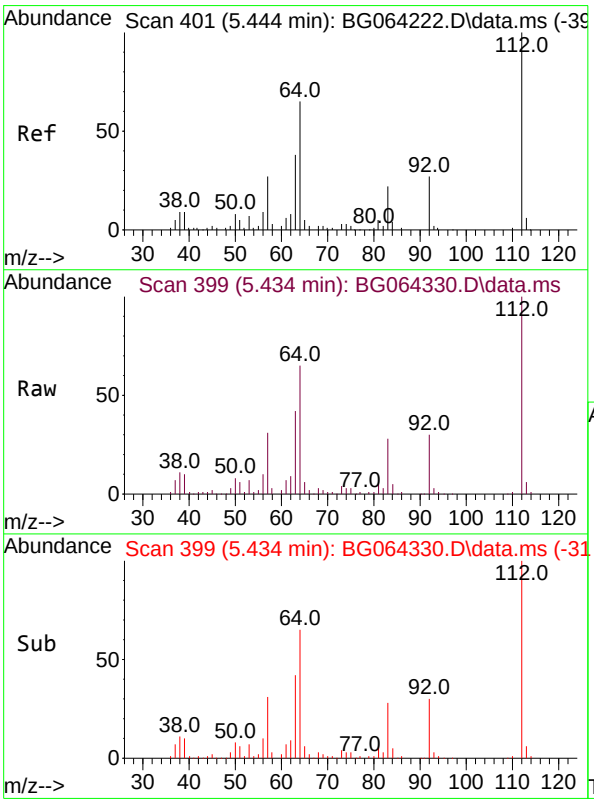
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion:152 Resp: 23634

Ion	Ratio	Lower	Upper
152	100		
150	164.8	128.0	192.0
115	74.7	55.7	83.5

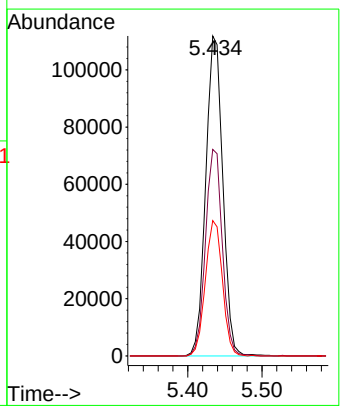


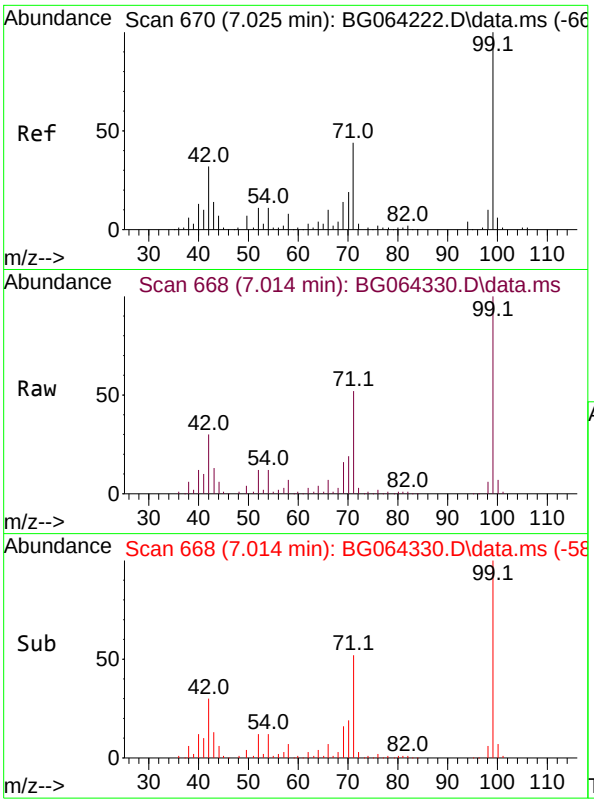


#5
2-Fluorophenol
Concen: 135.354 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.011 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:112 Resp: 178305

Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.8	77.6
63	42.3	30.6	45.8



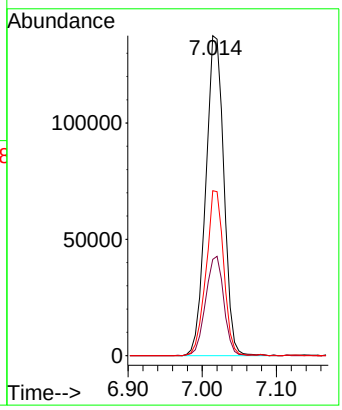


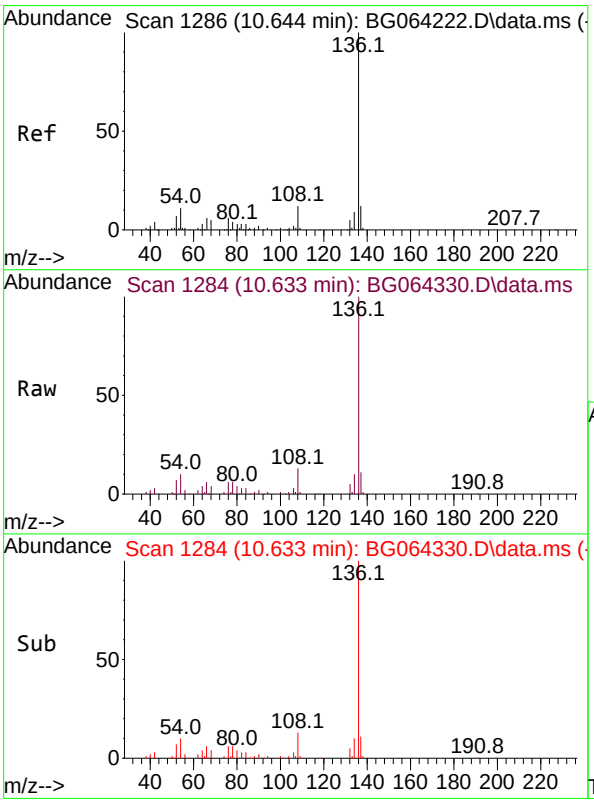
#7
Phenol-d6
Concen: 128.324 ng
RT: 7.014 min Scan# 6
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion: 99 Resp: 232237

Ion	Ratio	Lower	Upper
99	100		
42	30.1	25.8	38.8
71	51.5	35.2	52.8

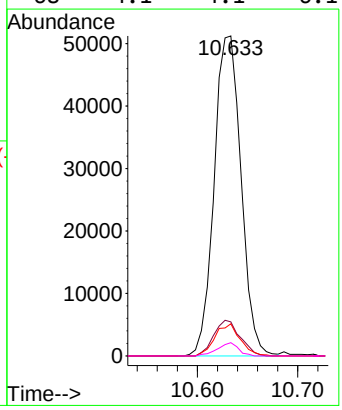


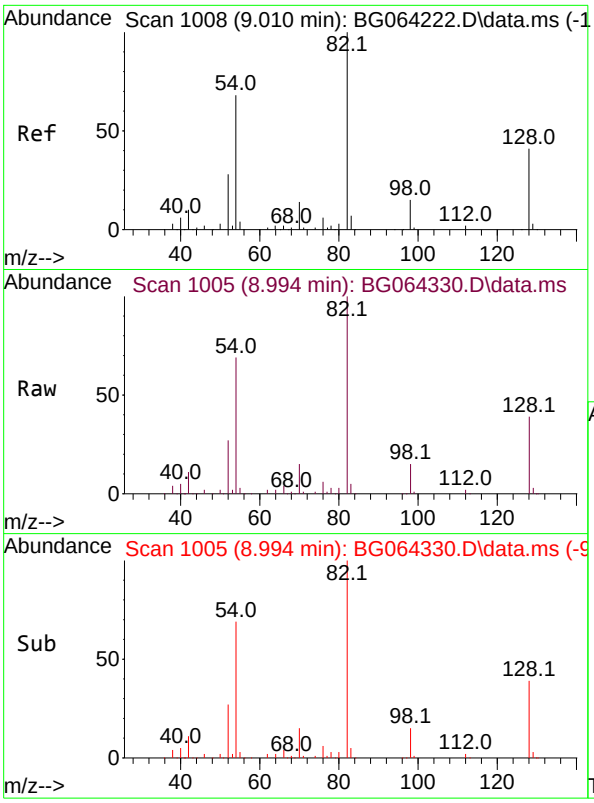


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1284
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:136 Resp: 95435

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.0	8.8	13.2
68	4.1	4.1	6.1



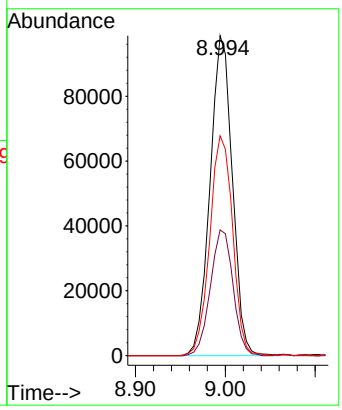


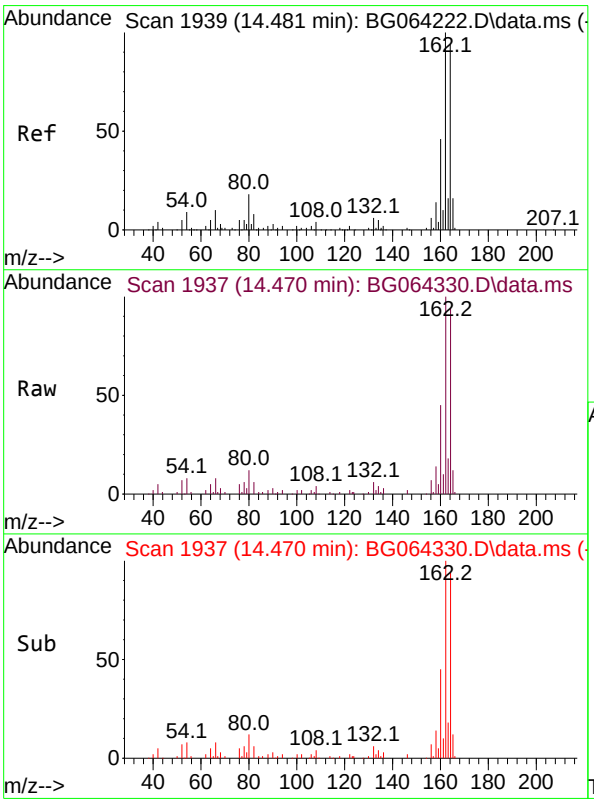
#23
Nitrobenzene-d5
Concen: 99.392 ng
RT: 8.994 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion: 82 Resp: 170081

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.6	48.8
54	68.7	54.7	82.1

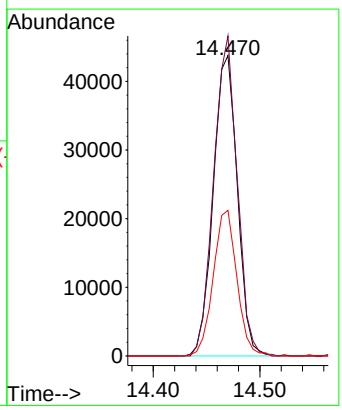


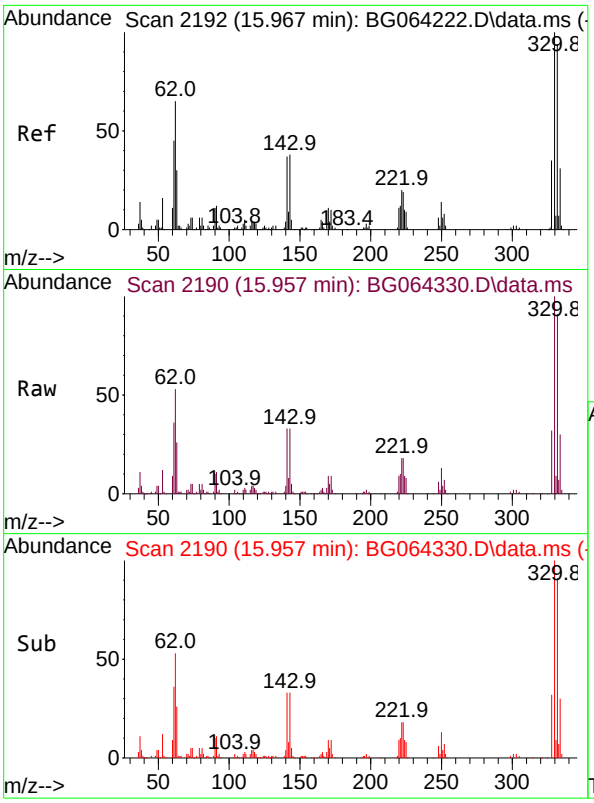


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.470 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:164 Resp: 68731

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.4	128.0
160	48.5	39.2	58.8



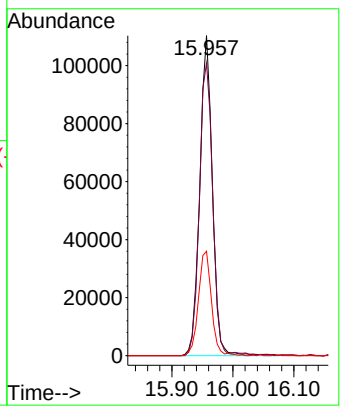


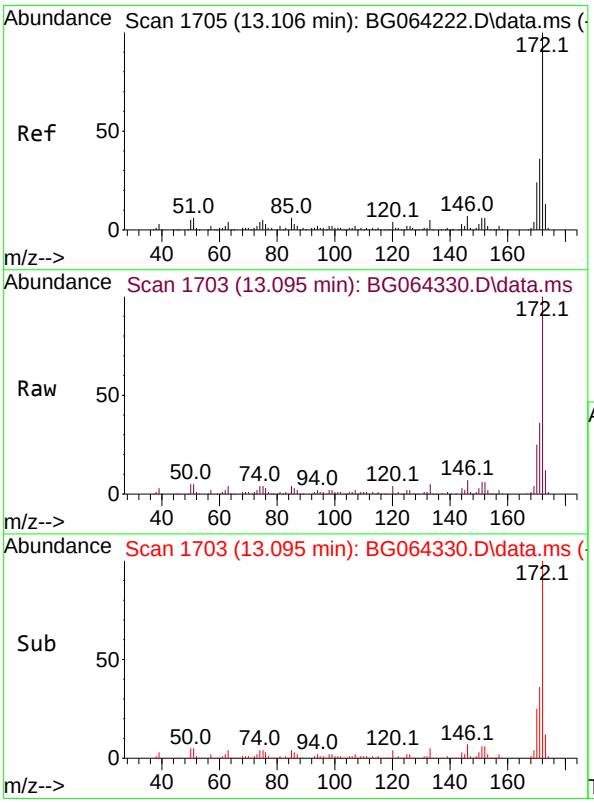
#42
2,4,6-Tribromophenol
Concen: 173.926 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion:330 Resp: 158338

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.6	116.4
141	33.7	29.8	44.6

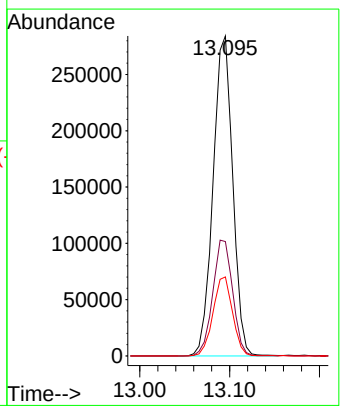


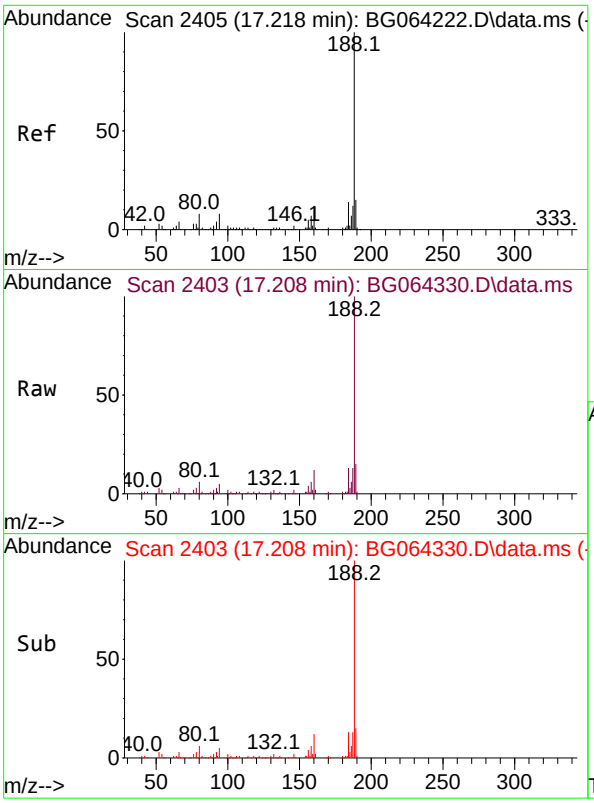


#45
2-Fluorobiphenyl
Concen: 96.136 ng
RT: 13.095 min Scan# 1703
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:172 Resp: 432898

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	24.7	19.0	28.6



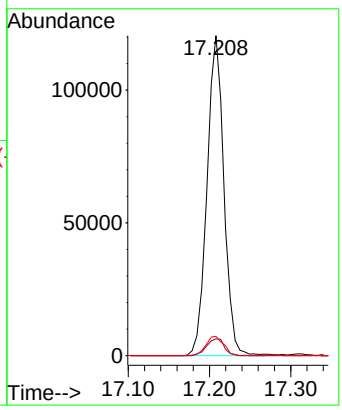


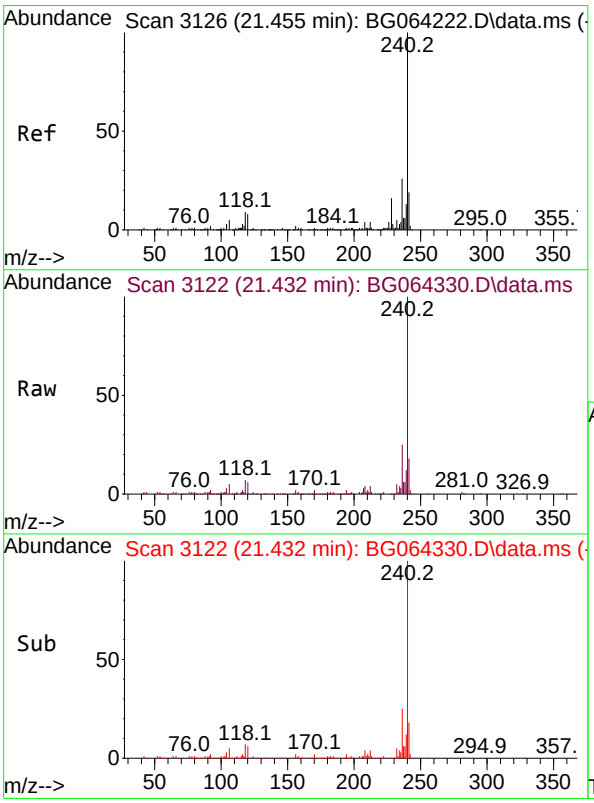
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion:188 Resp: 174502

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.2	9.4#
80	6.0	6.8	10.2#

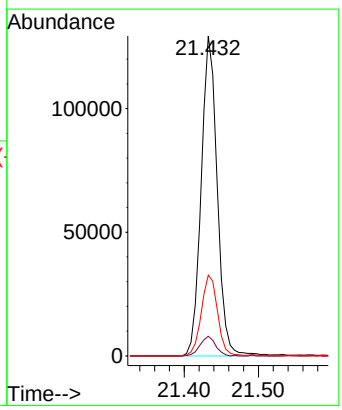


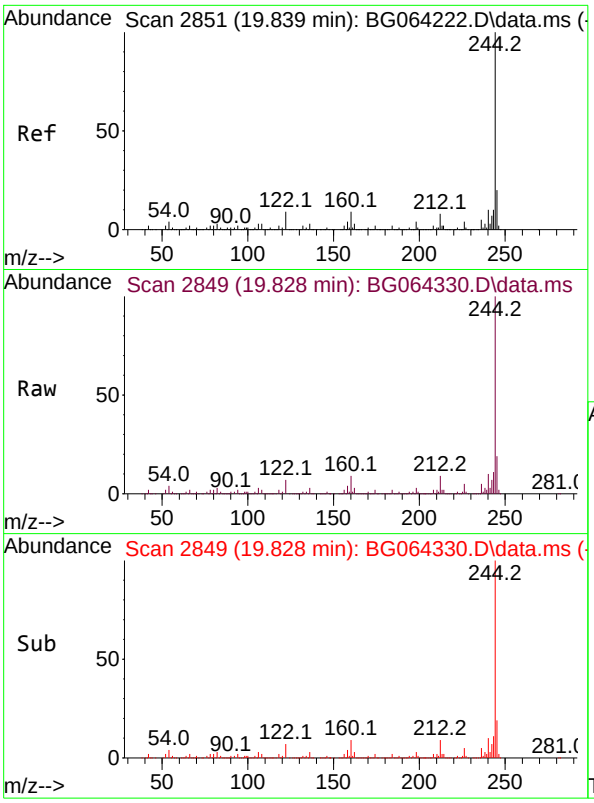


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.023 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:240 Resp: 194396

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.2	9.4#
236	25.2	20.5	30.7



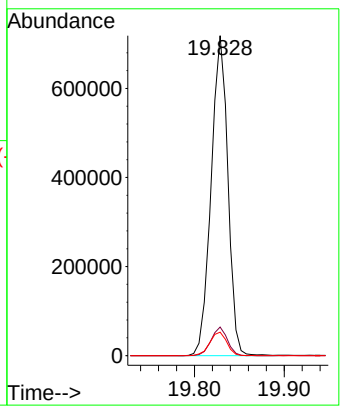


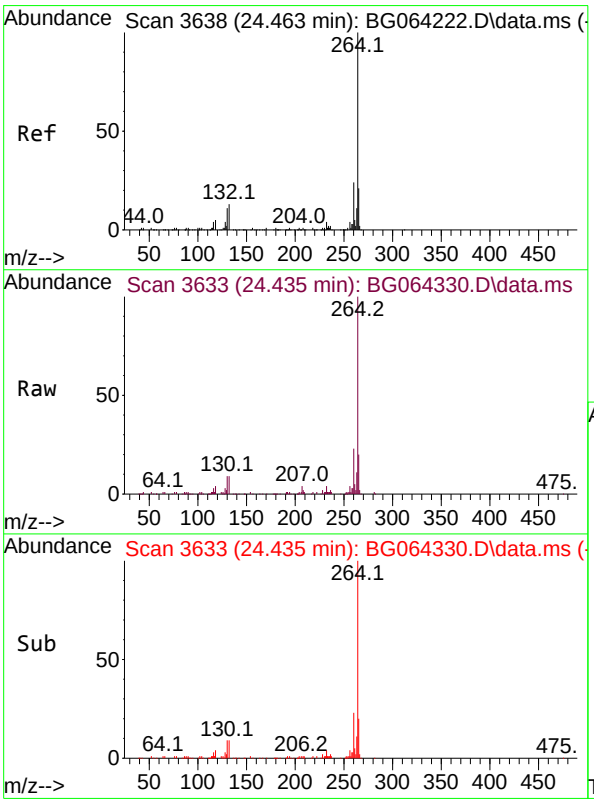
#79
Terphenyl-d14
Concen: 100.170 ng
RT: 19.828 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Tgt Ion:244 Resp: 933337

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	7.3	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.435 min Scan# 3633
Delta R.T. -0.028 min
Lab File: BG064330.D
Acq: 10 Sep 2025 13:18

Tgt Ion:264 Resp: 213111

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	20.1	16.7	25.1