Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064178.D
Acq On : 3 Apr 2025 22:40
Operator : RC/JU
Sample : Q1690-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW112010

Quant Time: Apr 04 01:49:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	26545	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	122172	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	99976	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	228491	20.000	ng	0.00
76) Chrysene-d12	21.452	240	227158	20.000	ng	0.00
86) Perylene-d12	24.461	264	246565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.989	112	60	0.035	ng	-0.46
7) Phenol-d6	7.034	99	61	0.026	ng	0.00
23) Nitrobenzene-d5	9.008	82	186184	84.216	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	61	0.055	ng	-0.34
45) 2-Fluorobiphenyl	13.109	172	505056	76.680	ng	0.00
79) Terphenyl-d14	19.842	244	981941	87.405	ng	0.00
Target Compounds						Qvalue

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

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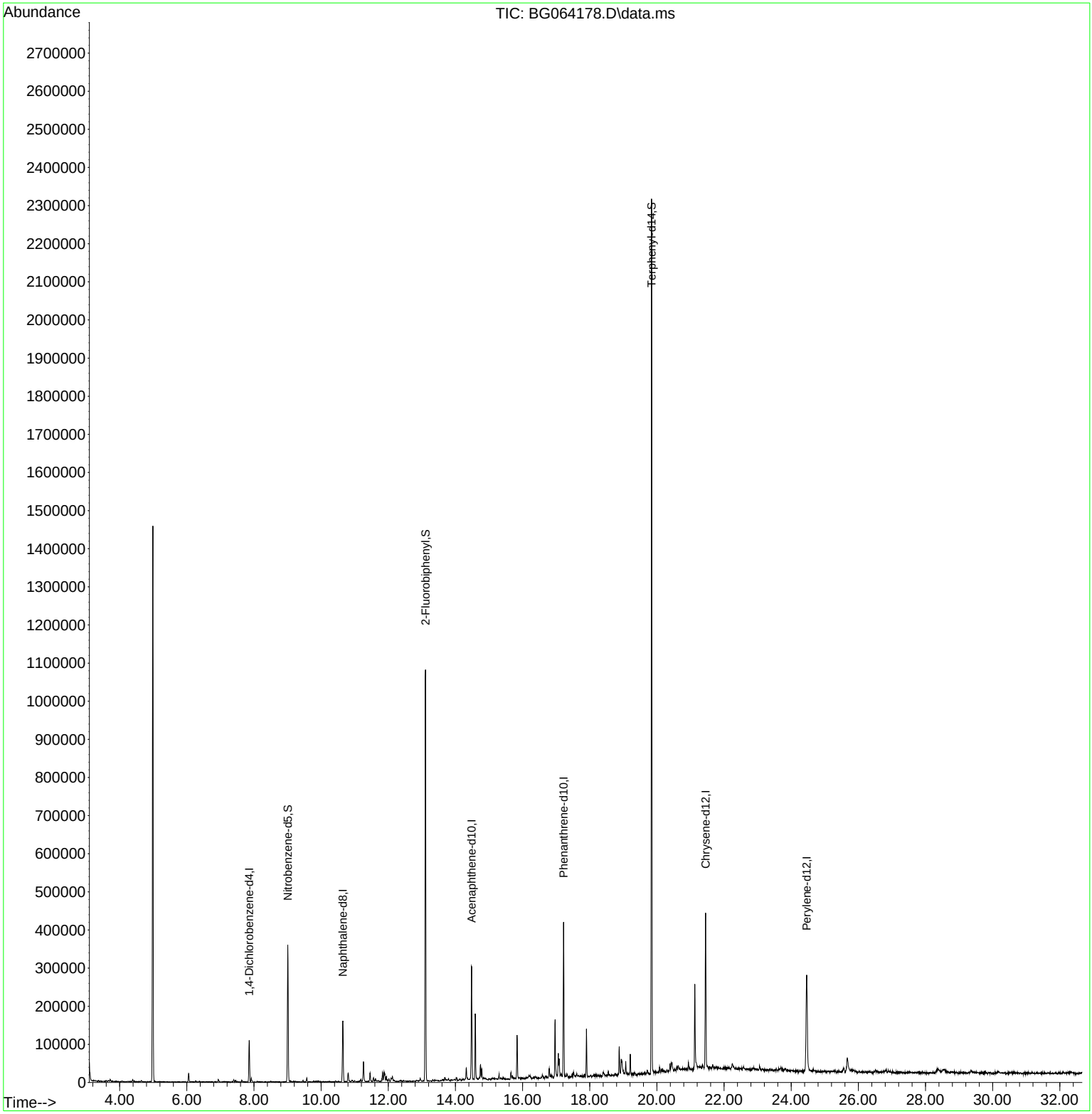
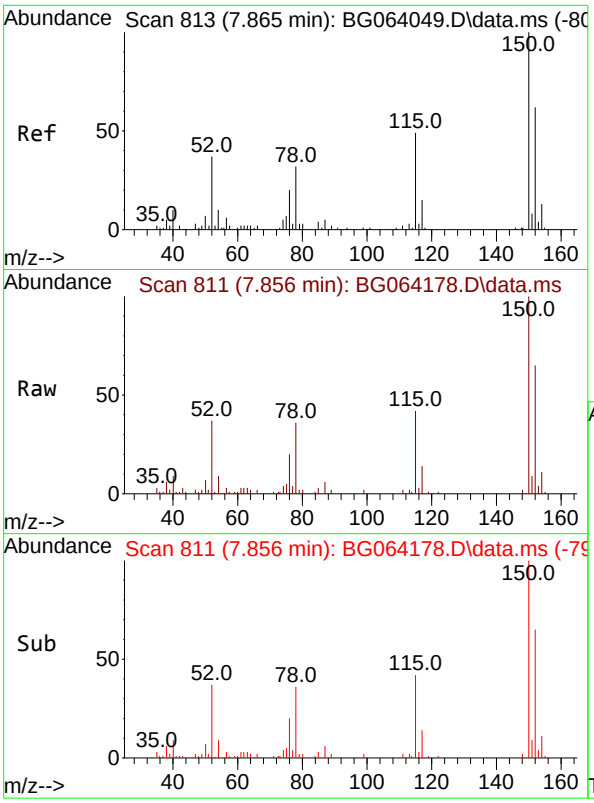


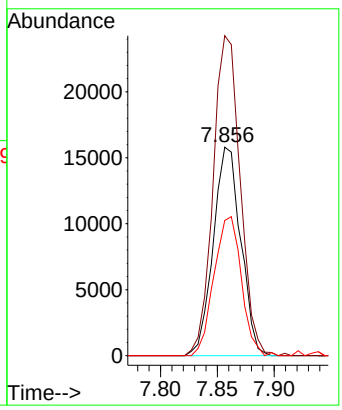


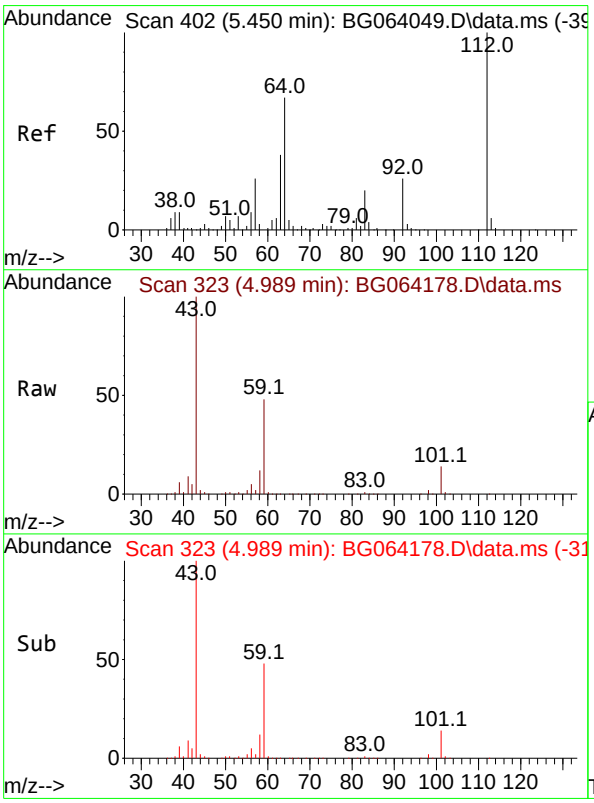
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

Tgt Ion:152 Resp: 26545

Ion	Ratio	Lower	Upper
152	100		
150	153.4	129.2	193.8
115	64.8	63.0	94.6

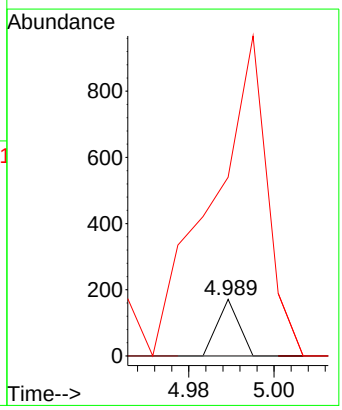


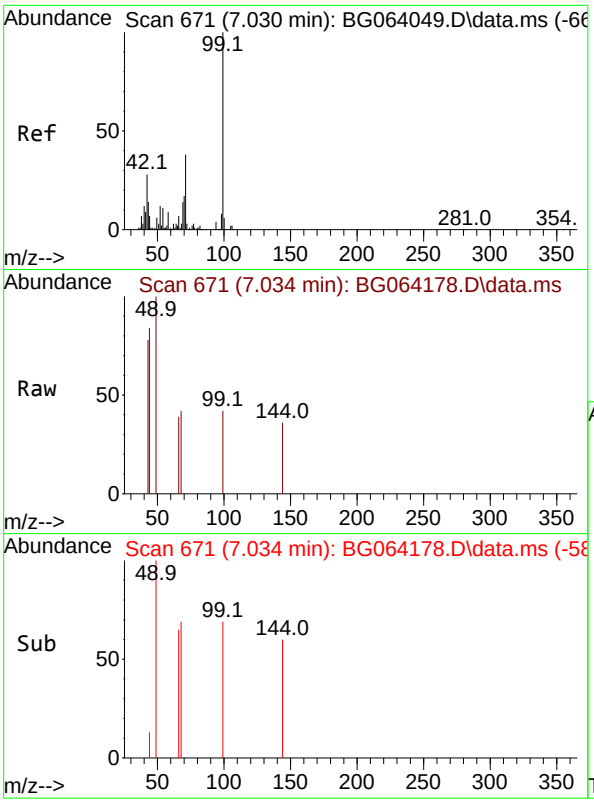


#5
2-Fluorophenol
Concen: 0.035 ng
RT: 4.989 min Scan# 323
Delta R.T. -0.461 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:112 Resp: 60

Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.7	80.5#
63	315.8	30.2	45.4#



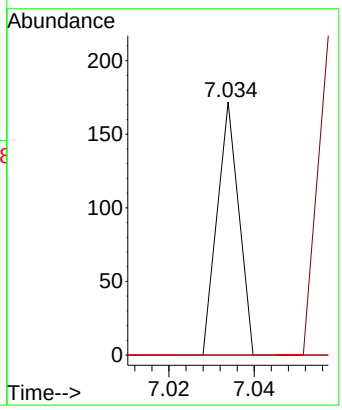


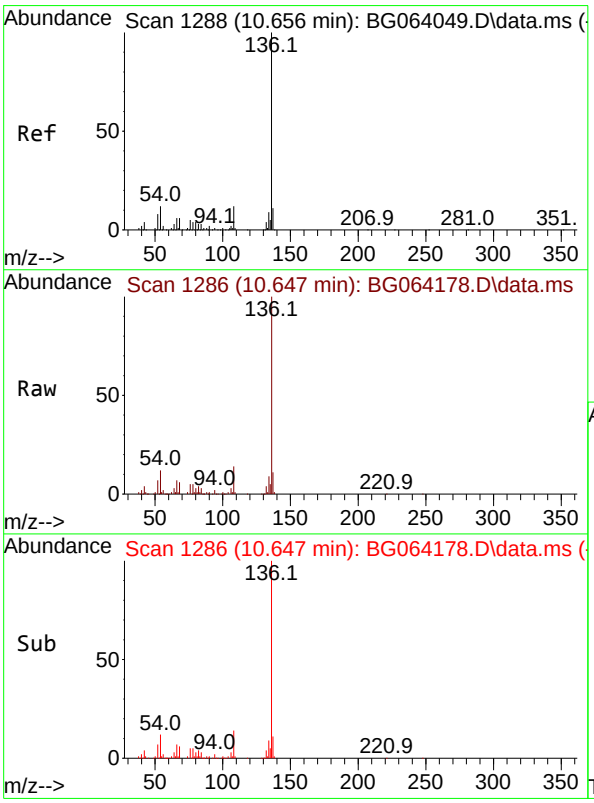
#7
Phenol-d6
Concen: 0.026 ng
RT: 7.034 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

Tgt Ion: 99 Resp: 61

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.7	34.1#
71	0.0	30.6	46.0#

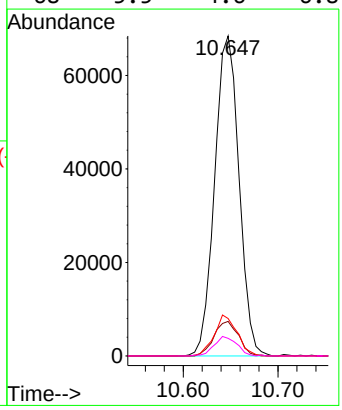


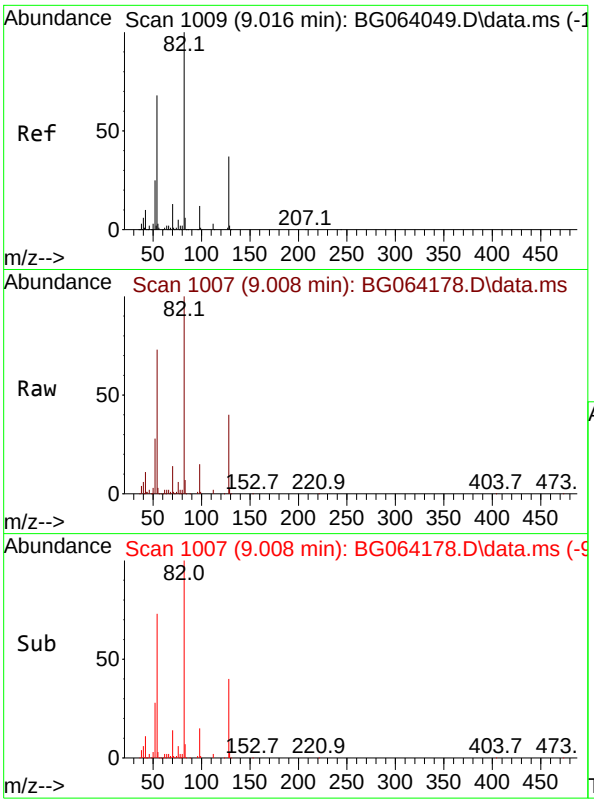


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:136 Resp: 122172

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.7	9.9	14.9
68	5.5	4.6	6.8



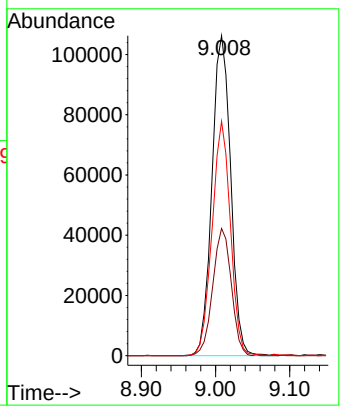


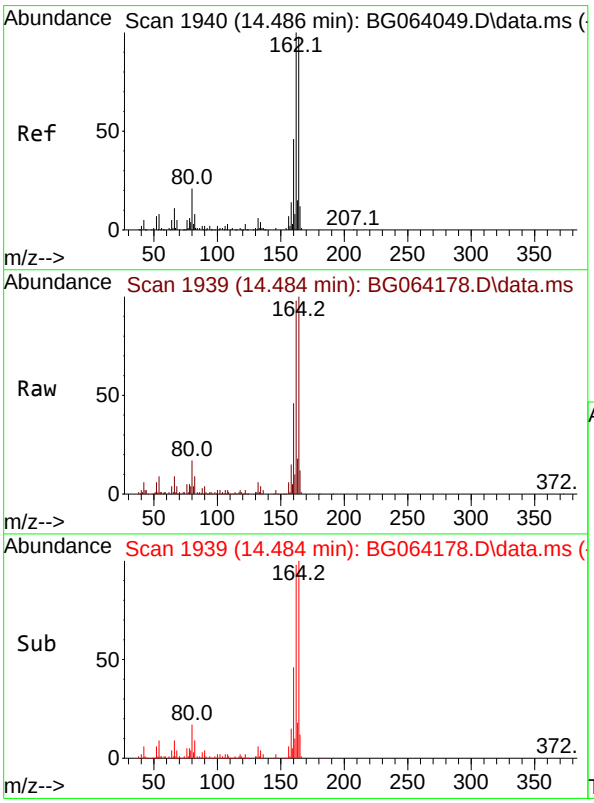
#23
Nitrobenzene-d5
Concen: 84.216 ng
RT: 9.008 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

Tgt Ion: 82 Resp: 186184

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.0	45.0
54	73.3	54.7	82.1

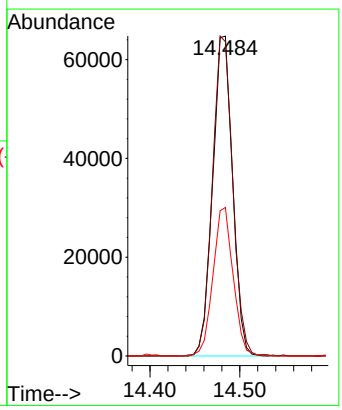


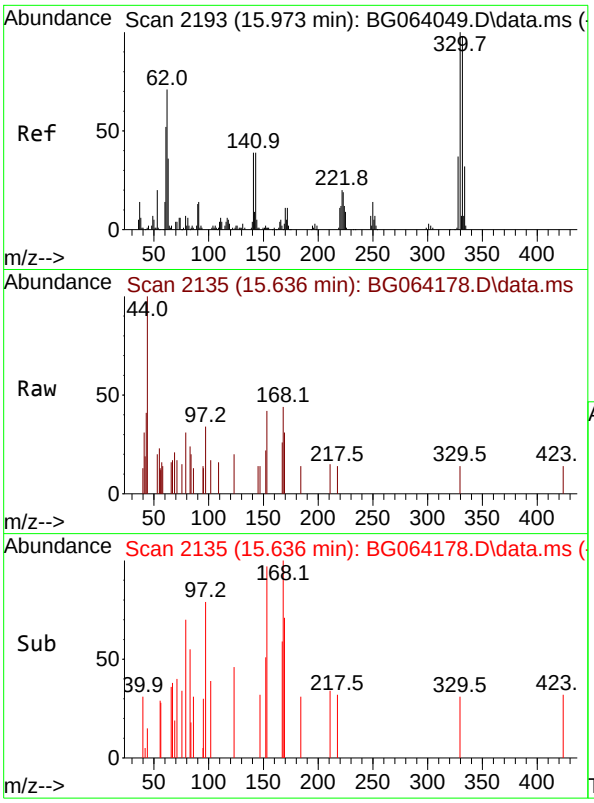


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:164 Resp: 99976

Ion	Ratio	Lower	Upper
164	100		
162	98.2	81.4	122.0
160	46.4	37.0	55.6



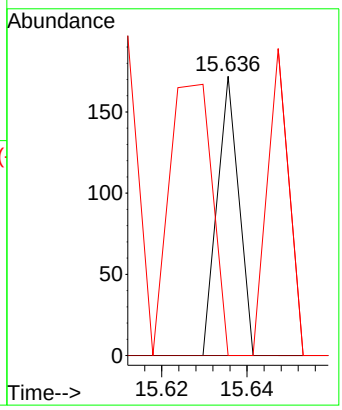


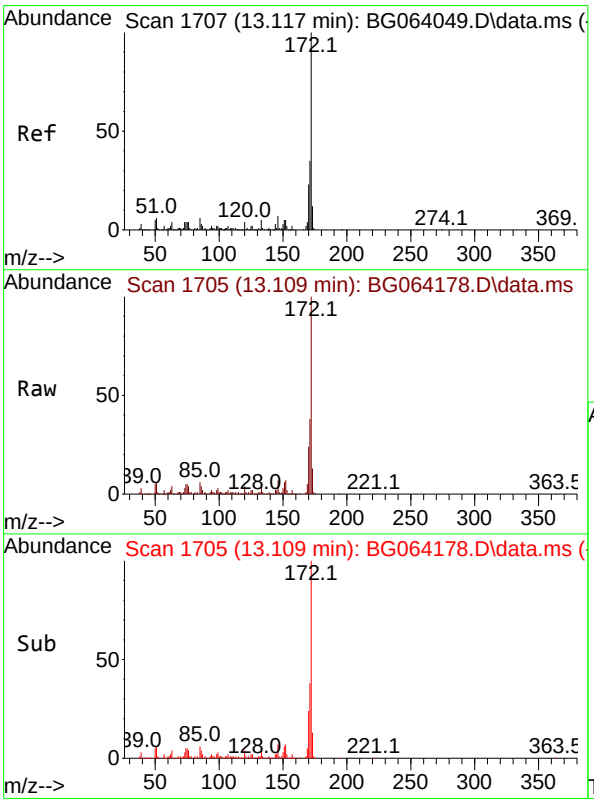
#42
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 15.636 min Scan# 21
Delta R.T. -0.337 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

Tgt Ion:330 Resp: 61

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.7	115.1#
141	191.8	29.7	44.5#

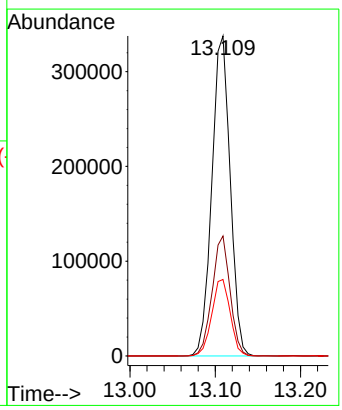


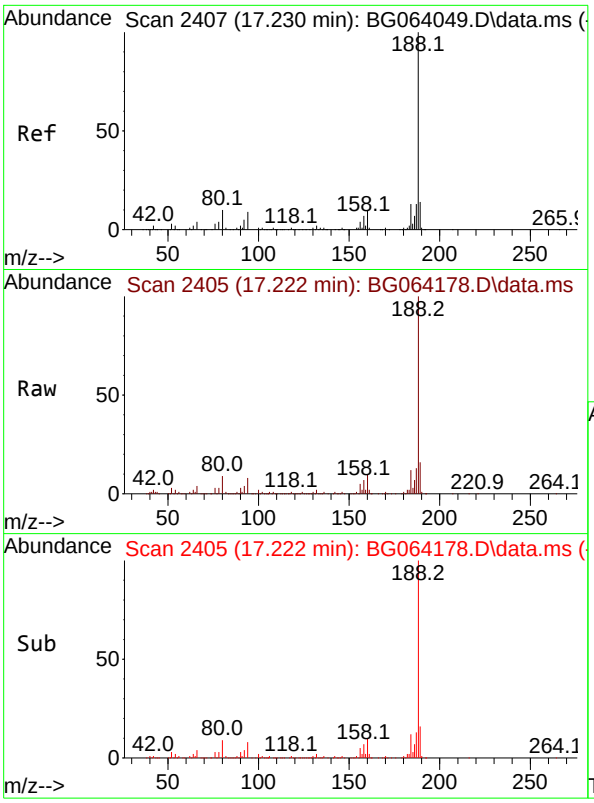


#45
2-Fluorobiphenyl
Concen: 76.680 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:172 Resp: 505056

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.0	42.0
170	23.9	18.7	28.1



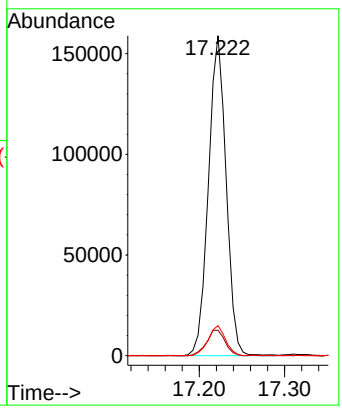


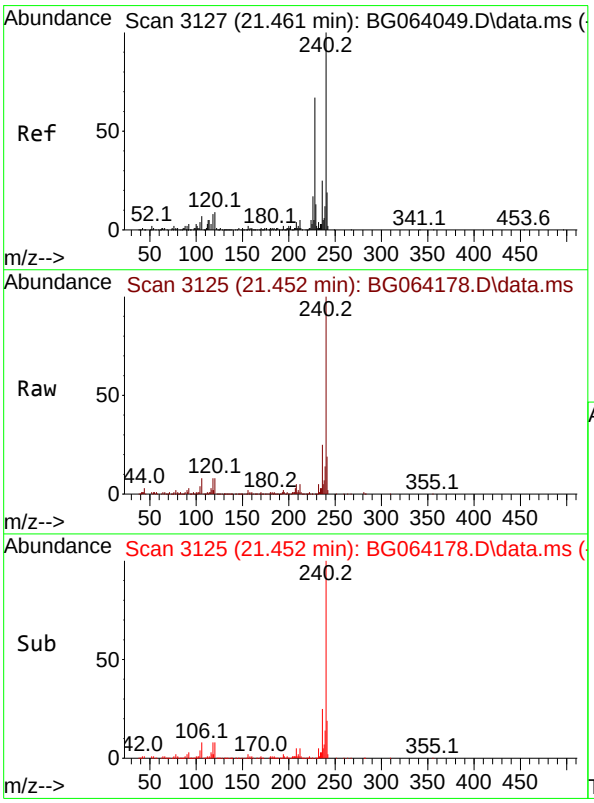
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

Tgt Ion:188 Resp: 228491

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.4	8.1	12.1

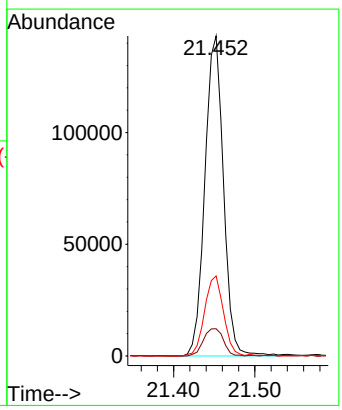


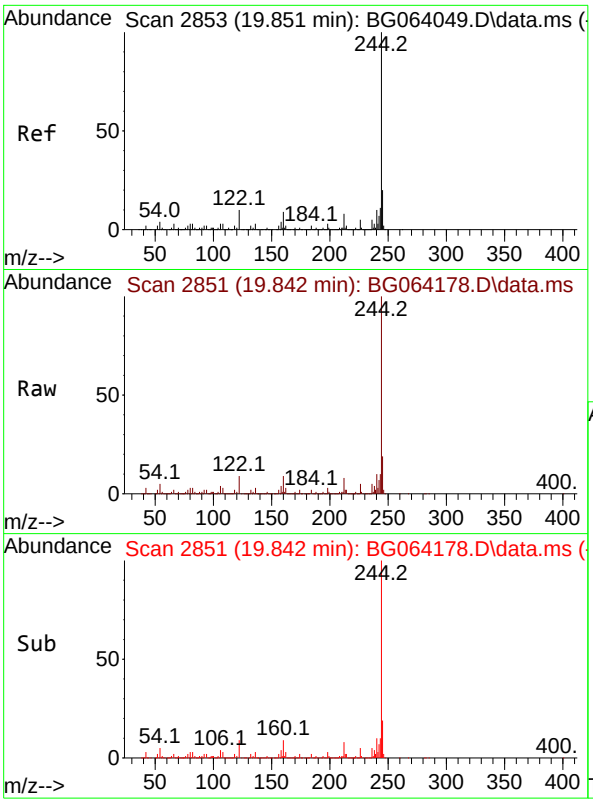


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:240 Resp: 227158

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.2	10.8
236	25.0	20.2	30.2



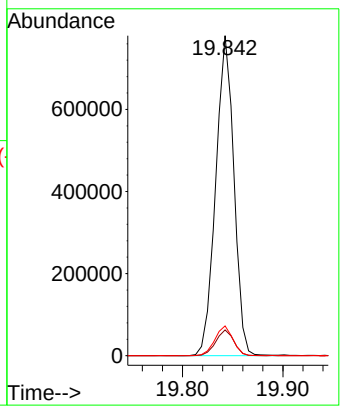


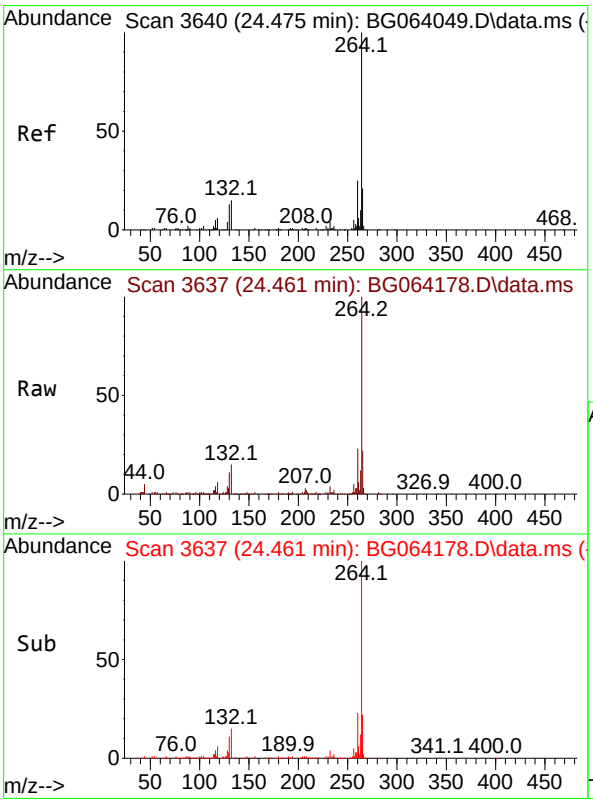
#79
Terphenyl-d14
Concen: 87.405 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

Tgt Ion:244 Resp: 981941

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	9.3	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.461 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:264 Resp: 246565

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.7	16.6	25.0