Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062654.D
Acq On : 4 Sep 2024 23:05
Operator : MA/JU
Sample : PB163109BL
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Quant Time: Sep 05 04:54:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	51429	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	197880	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	157879	20.000	ng	0.00
64) Phenanthrene-d10	17.283	188	480092	20.000	ng	0.00
76) Chrysene-d12	21.531	240	552095	20.000	ng	0.00
86) Perylene-d12	24.598	264	621188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	377179	126.771	ng	0.00
7) Phenol-d6	7.084	99	513205	119.399	ng	0.00
23) Nitrobenzene-d5	9.070	82	311424	84.759	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	316333	142.373	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	805878	82.681	ng	0.00
79) Terphenyl-d14	19.904	244	2260128	81.172	ng	0.00
Target Compounds						Qvalue

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

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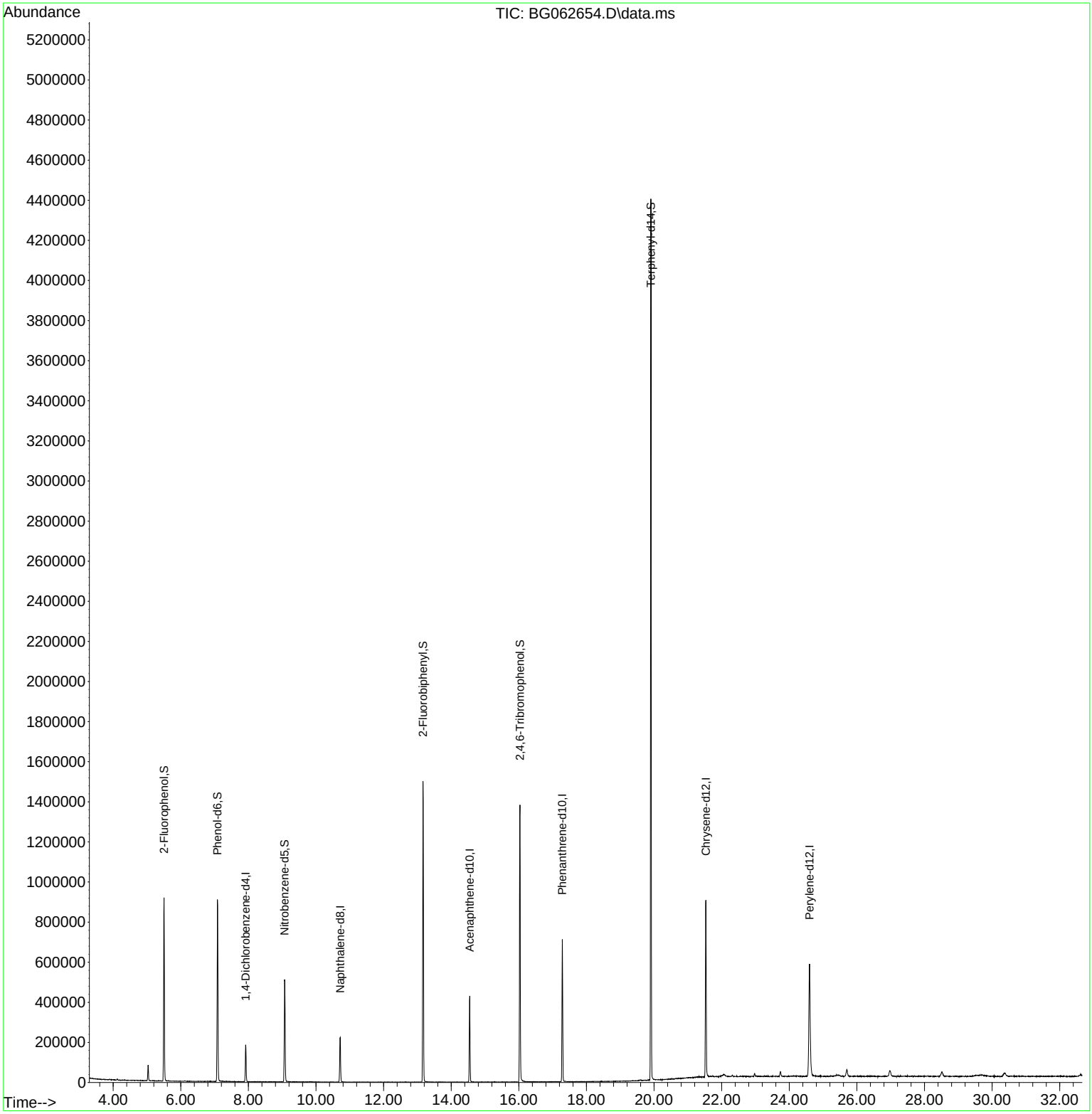
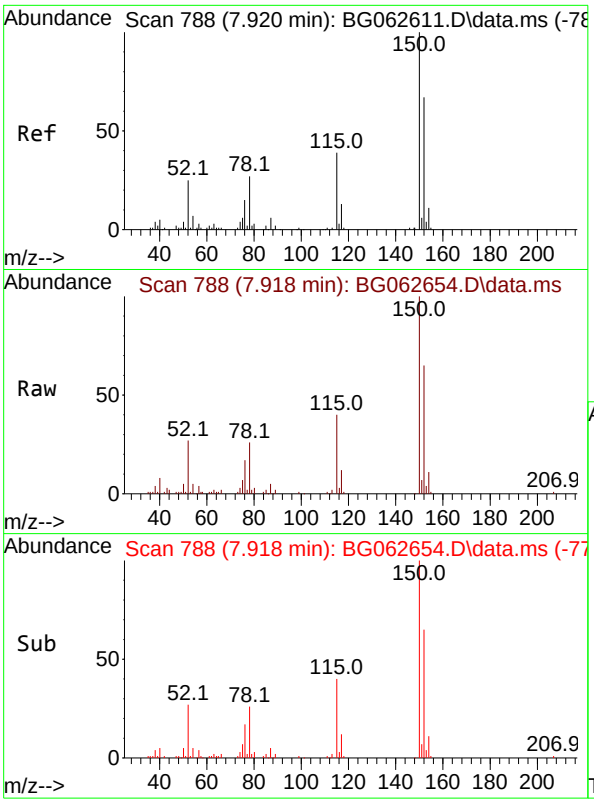


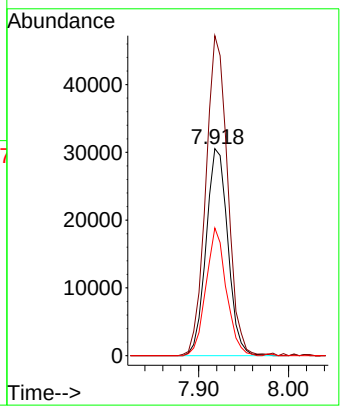


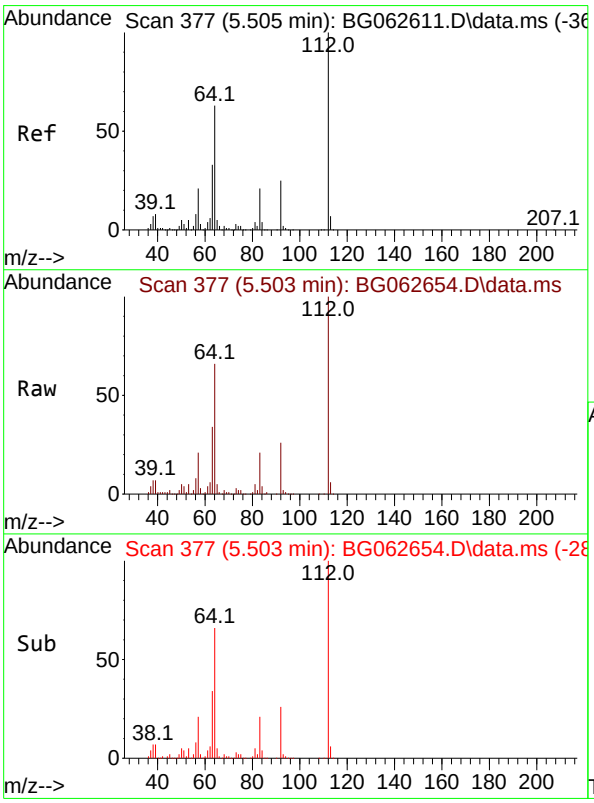
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 78
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Tgt Ion:152 Resp: 51429

Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.9	179.9
115	61.6	46.6	69.8

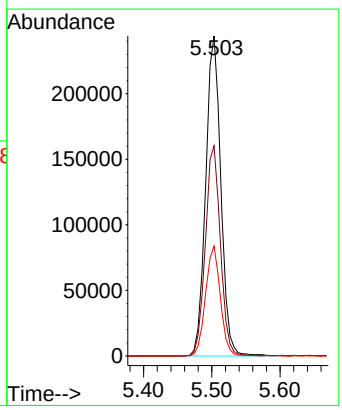


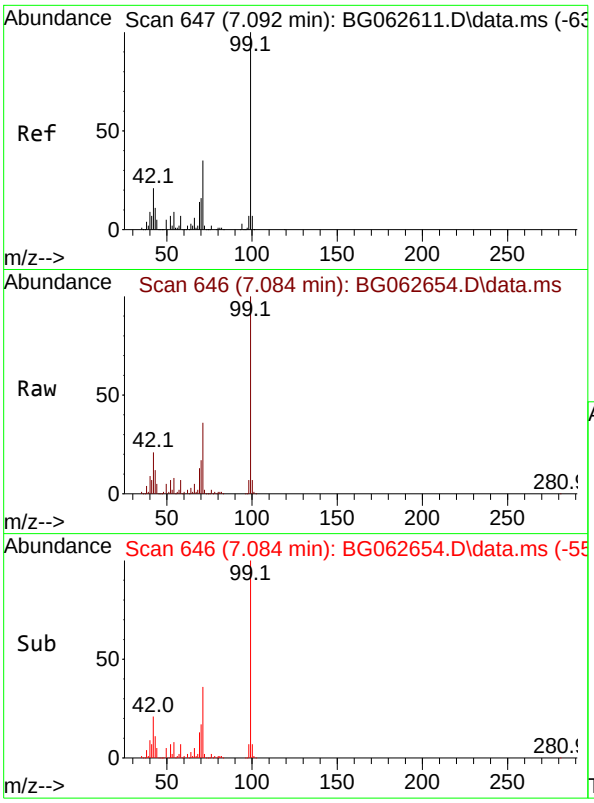


#5
2-Fluorophenol
Concen: 126.771 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Tgt Ion:112 Resp: 377179

Ion	Ratio	Lower	Upper
112	100		
64	65.7	50.2	75.2
63	34.4	26.6	39.8



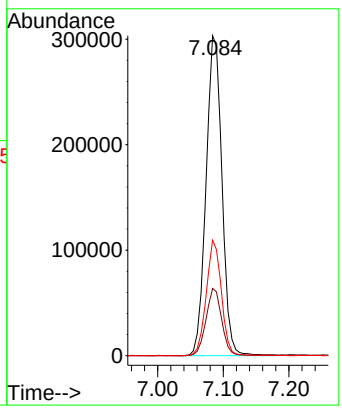


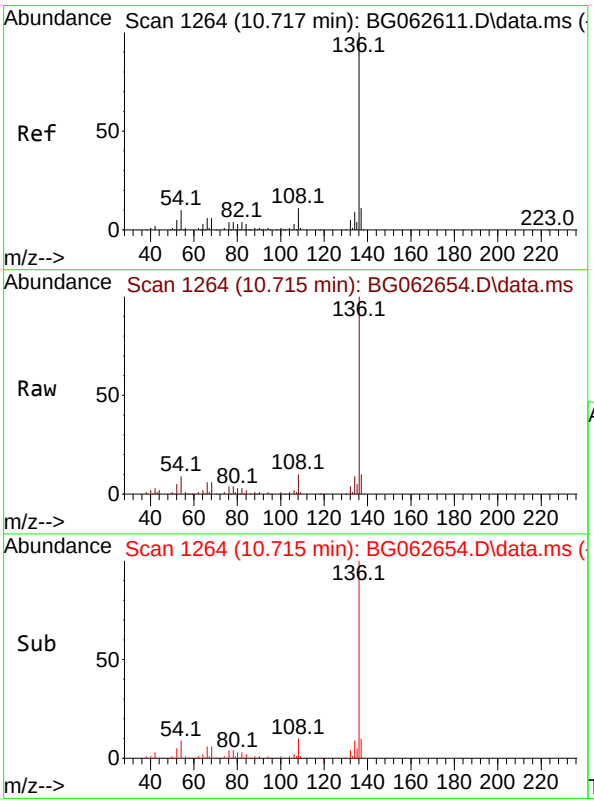
#7
Phenol-d6
Concen: 119.399 ng
RT: 7.084 min Scan# 64
Delta R.T. -0.008 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Tgt Ion: 99 Resp: 513205

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	36.1	27.9	41.9

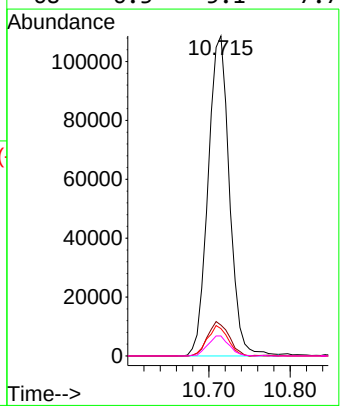


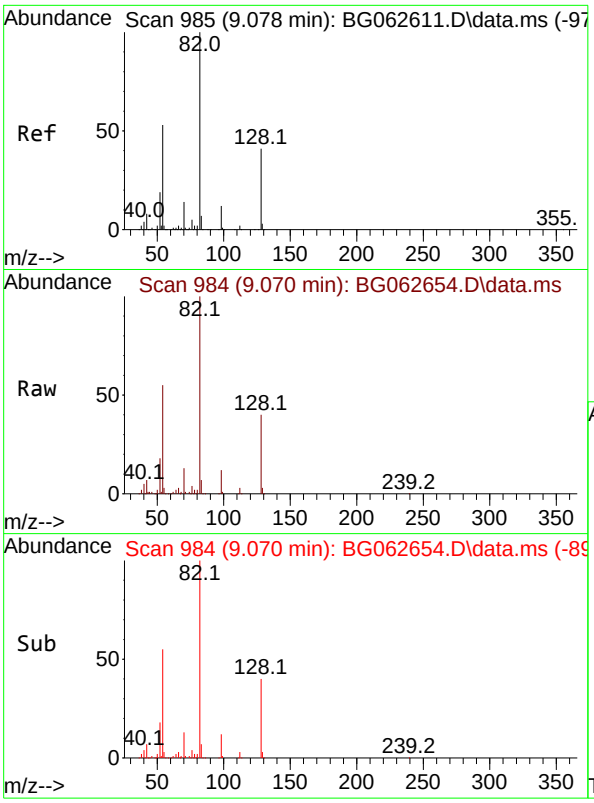


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Tgt Ion:136 Resp: 197880

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.0	13.4
54	8.5	7.8	11.6
68	6.3	5.1	7.7



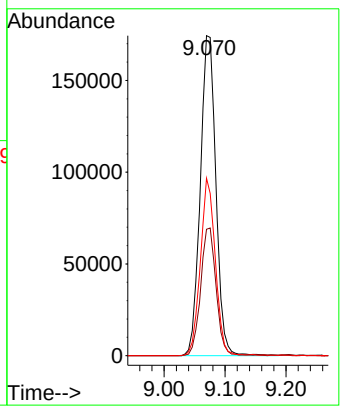


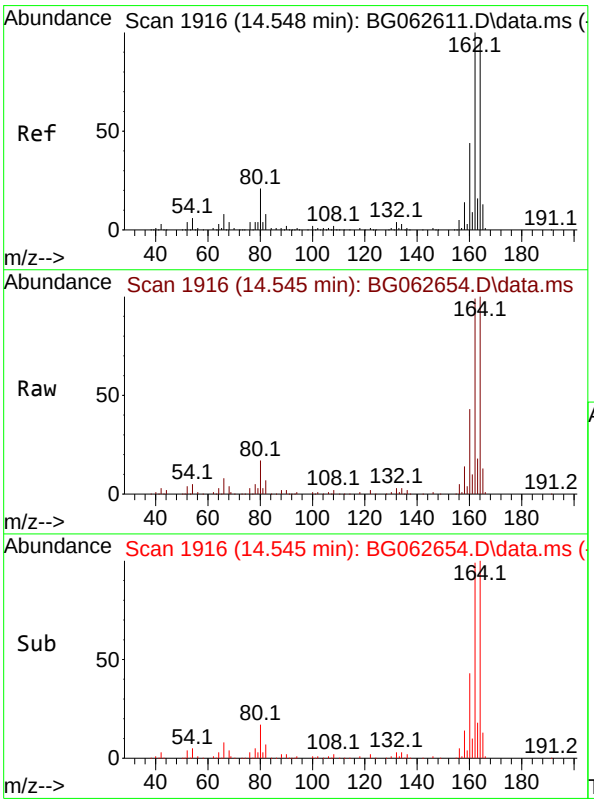
#23
Nitrobenzene-d5
Concen: 84.759 ng
RT: 9.070 min Scan# 9
Delta R.T. -0.008 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Tgt Ion: 82 Resp: 311424

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.5	48.7
54	55.5	42.5	63.7

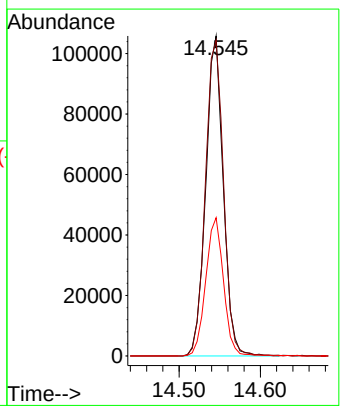


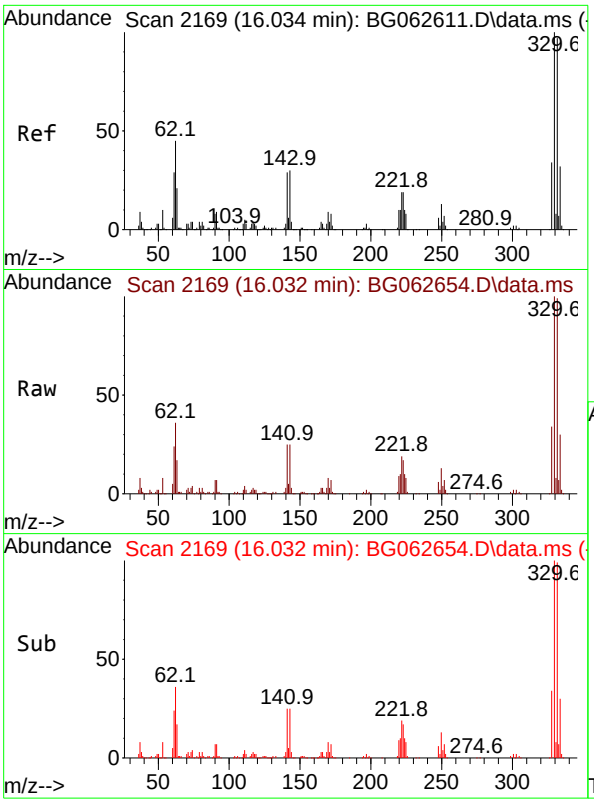


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Tgt Ion:164 Resp: 157879

Ion	Ratio	Lower	Upper
164	100		
162	98.7	83.1	124.7
160	43.2	36.2	54.4



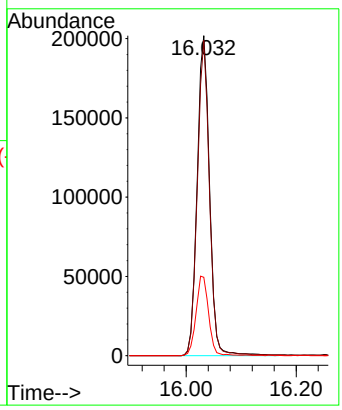


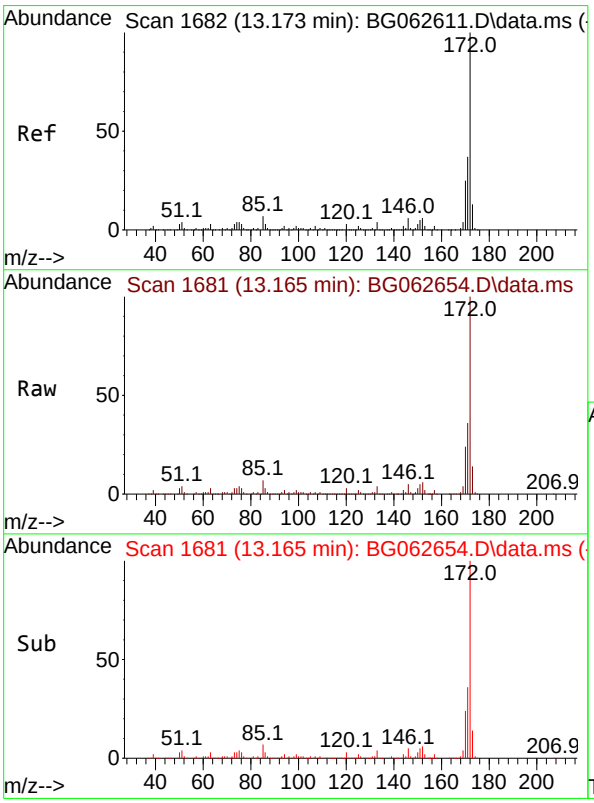
#42
2,4,6-Tribromophenol
Concen: 142.373 ng
RT: 16.032 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Tgt Ion:330 Resp: 316333

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	25.3	22.2	33.4

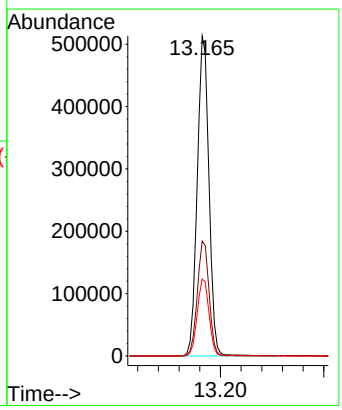


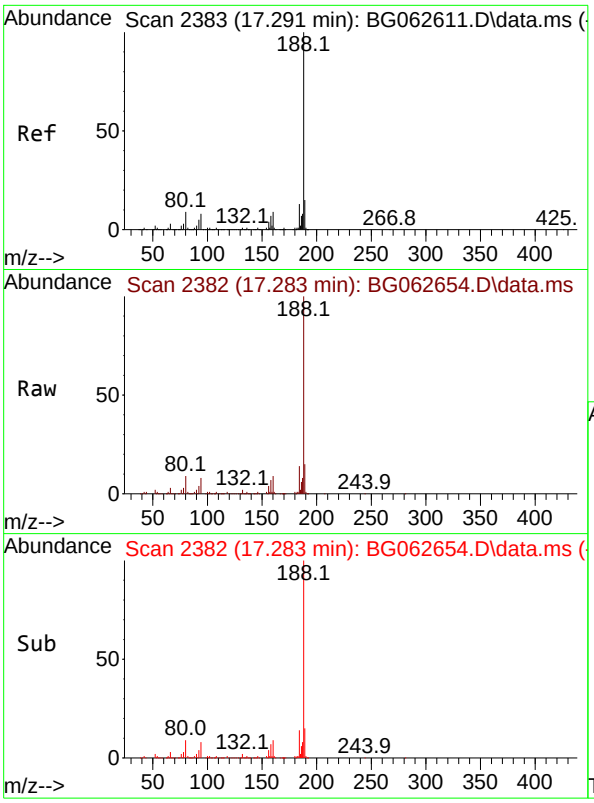


#45
2-Fluorobiphenyl
Concen: 82.681 ng
RT: 13.165 min Scan# 1681
Delta R.T. -0.008 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Tgt Ion:172 Resp: 805878

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	20.0	30.0



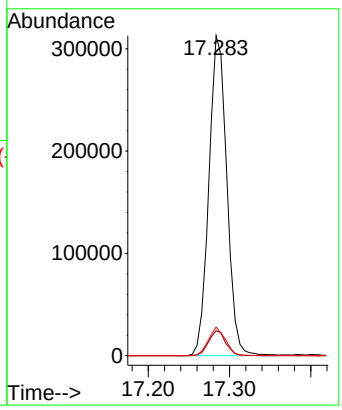


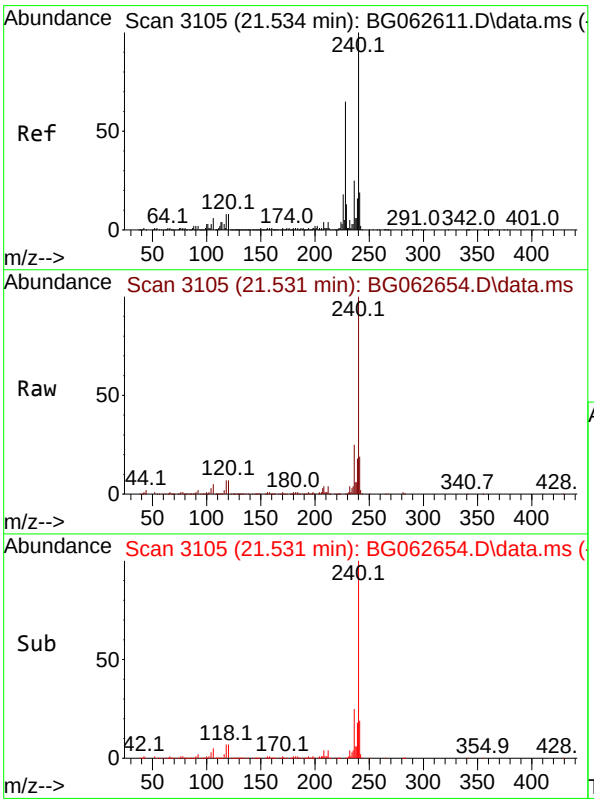
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Tgt Ion:188 Resp: 480092

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.9	7.0	10.4

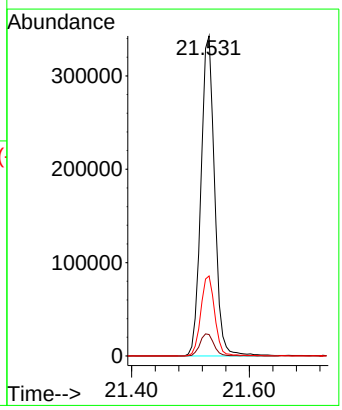


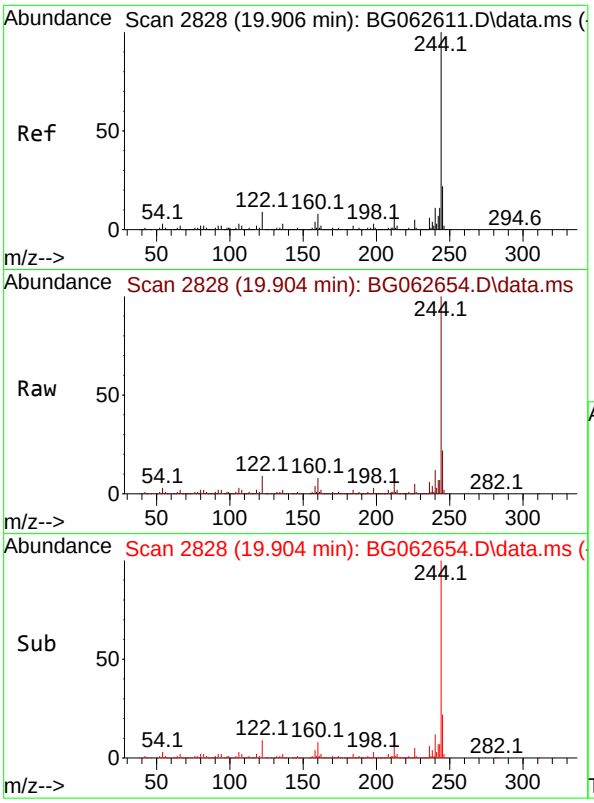


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.531 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Tgt Ion:240 Resp: 552095

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	9.8
236	25.0	20.2	30.4



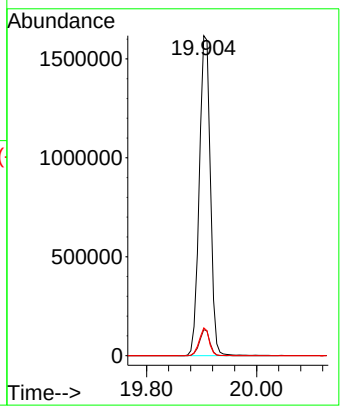


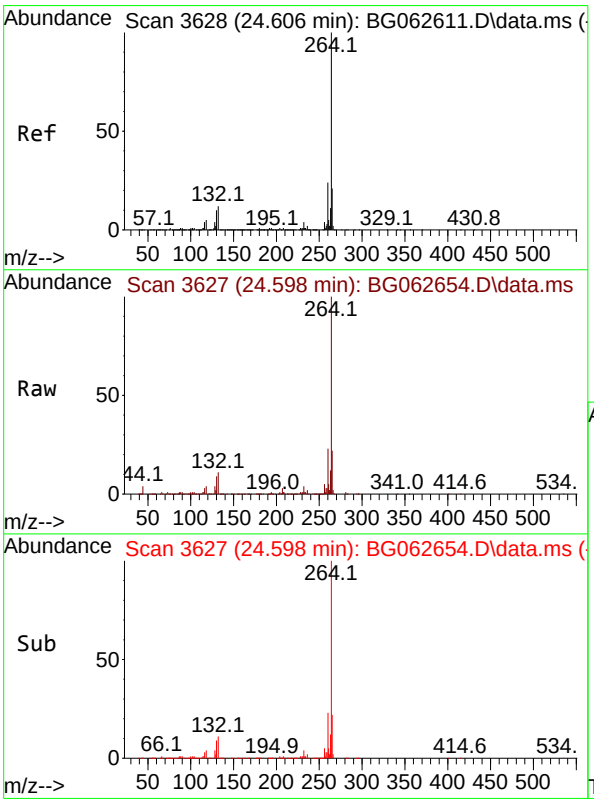
#79
Terphenyl-d14
Concen: 81.172 ng
RT: 19.904 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Instrument :
BNA_G
ClientSampleId :
PB163109BL

Tgt Ion:244 Resp: 2260128

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	8.7	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.598 min Scan# 3627
Delta R.T. -0.008 min
Lab File: BG062654.D
Acq: 4 Sep 2024 23:05

Tgt Ion:264 Resp: 621188

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.0	17.3	25.9