Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063944.D
Acq On : 10 Jan 2025 10:00
Operator : RC/JU
Sample : PB165999BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Quant Time: Jan 10 13:52:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.765	152	114679	20.000	ng	-0.03
21) Naphthalene-d8	10.556	136	442297	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	311896	20.000	ng	-0.02
64) Phenanthrene-d10	17.171	188	736182	20.000	ng	-0.02
76) Chrysene-d12	21.425	240	793503	20.000	ng	-0.03
86) Perylene-d12	24.428	264	796013	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.362	112	970158	134.788	ng	-0.03
7) Phenol-d6	6.960	99	1320137	126.781	ng	-0.02
23) Nitrobenzene-d5	8.922	82	918626	81.813	ng	-0.03
42) 2,4,6-Tribromophenol	15.914	330	424331	112.822	ng	-0.02
45) 2-Fluorobiphenyl	13.035	172	1740579	80.847	ng	-0.02
79) Terphenyl-d14	19.809	244	3304244	82.680	ng	-0.02
Target Compounds						Qvalue

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

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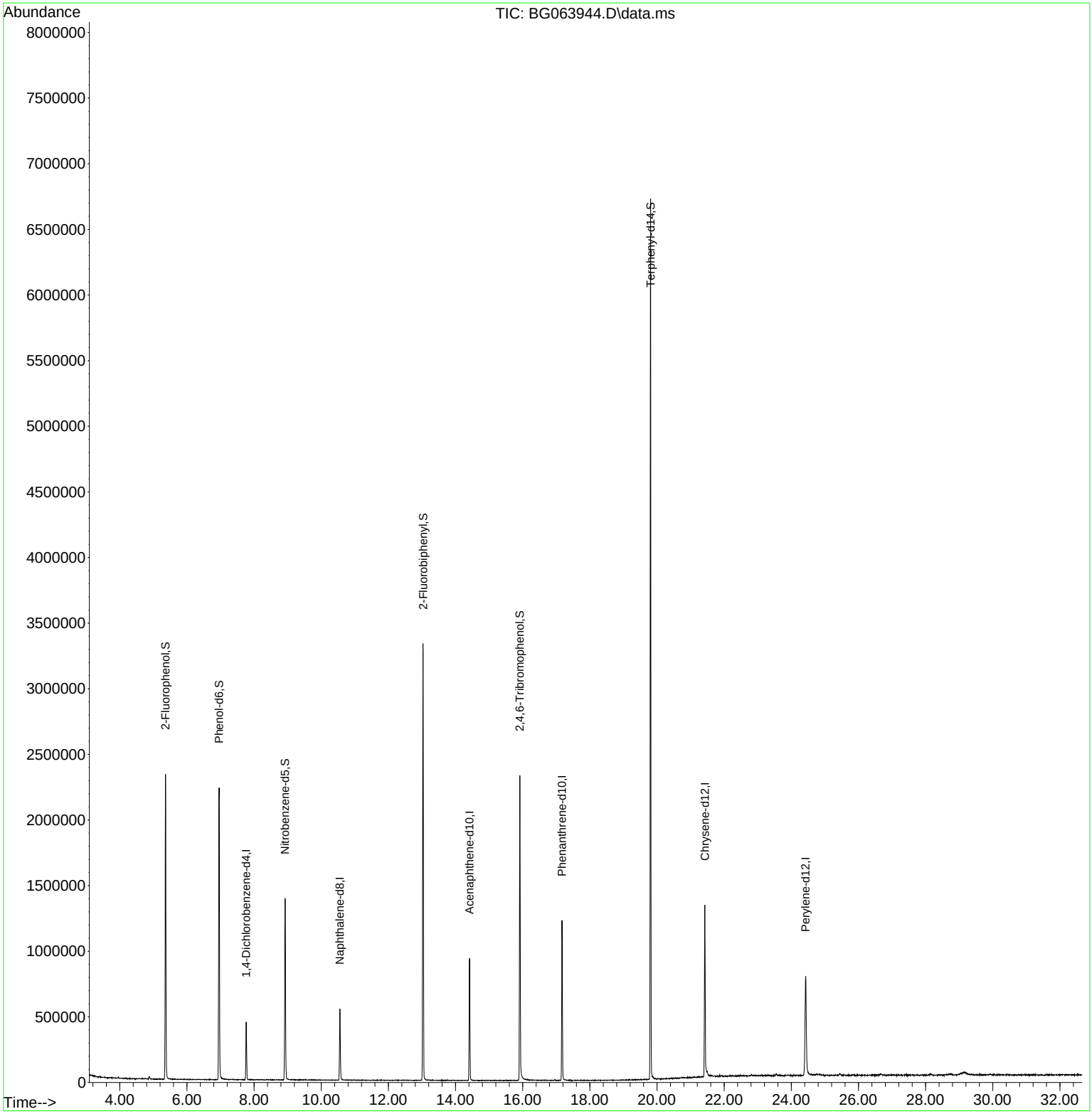
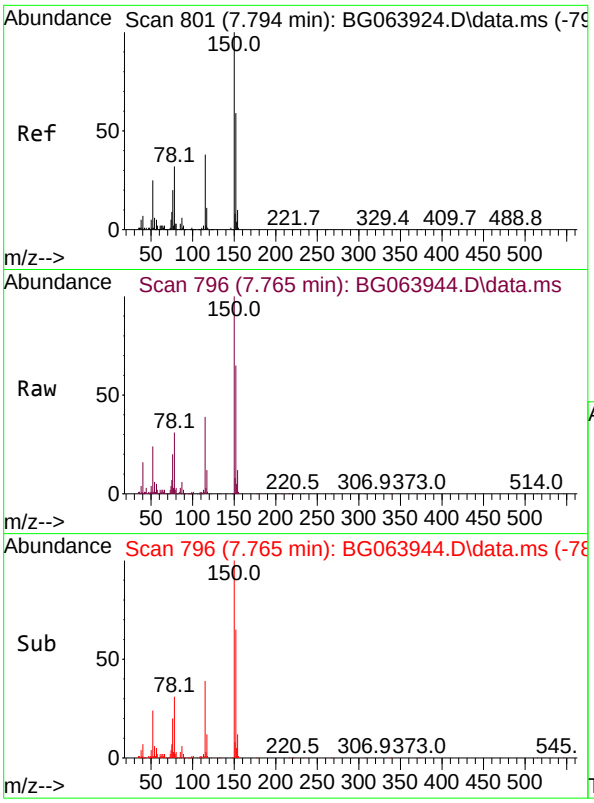


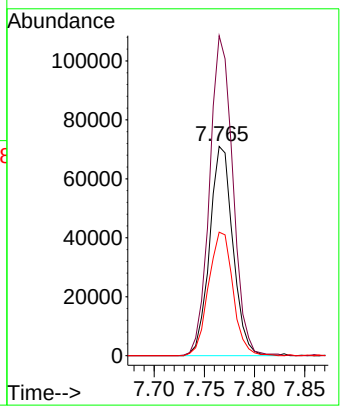


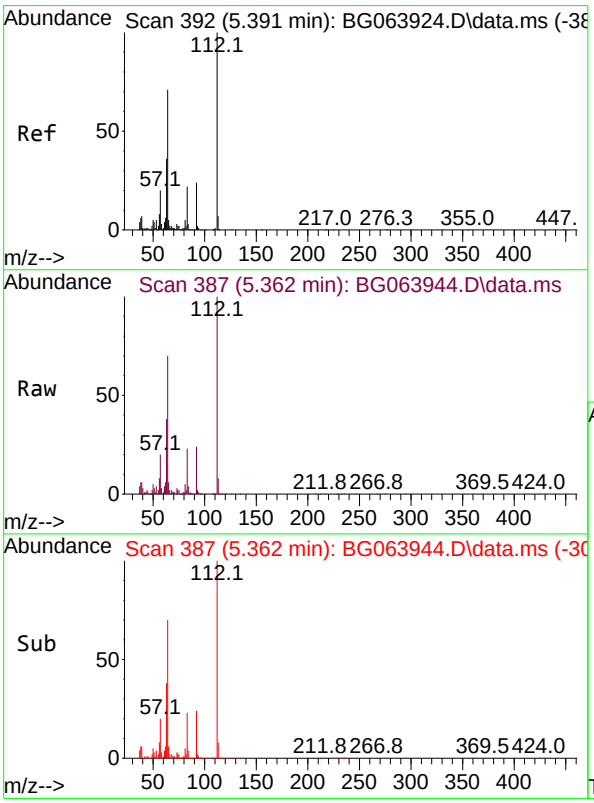
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.765 min Scan# 7
Delta R.T. -0.029 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion:152 Resp: 114679

Ion	Ratio	Lower	Upper
152	100		
150	152.9	135.5	203.3
115	59.0	51.8	77.8

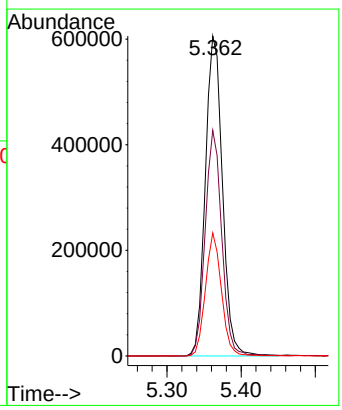


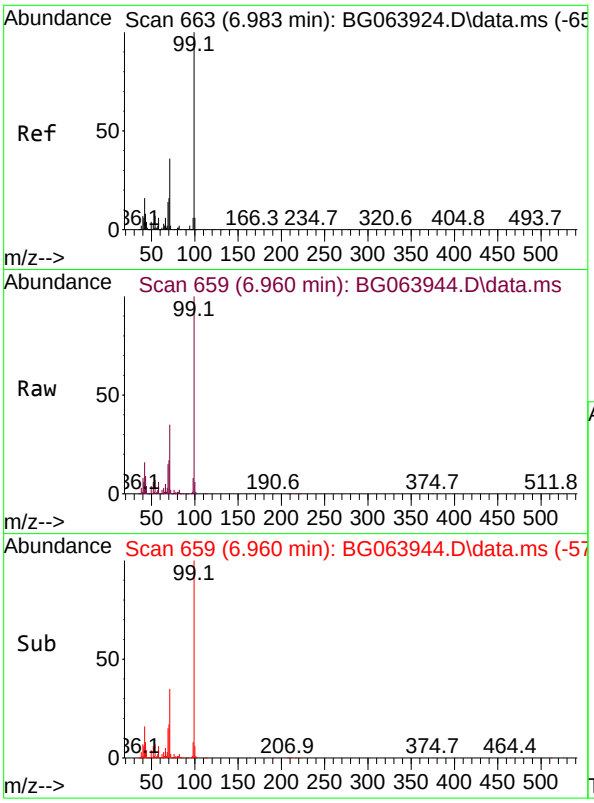


#5
2-Fluorophenol
Concen: 134.788 ng
RT: 5.362 min Scan# 387
Delta R.T. -0.029 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:112 Resp: 970158

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.6	85.0
63	38.4	29.2	43.8



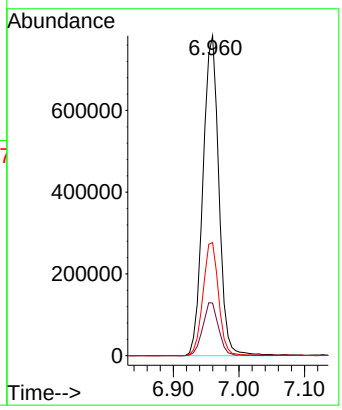


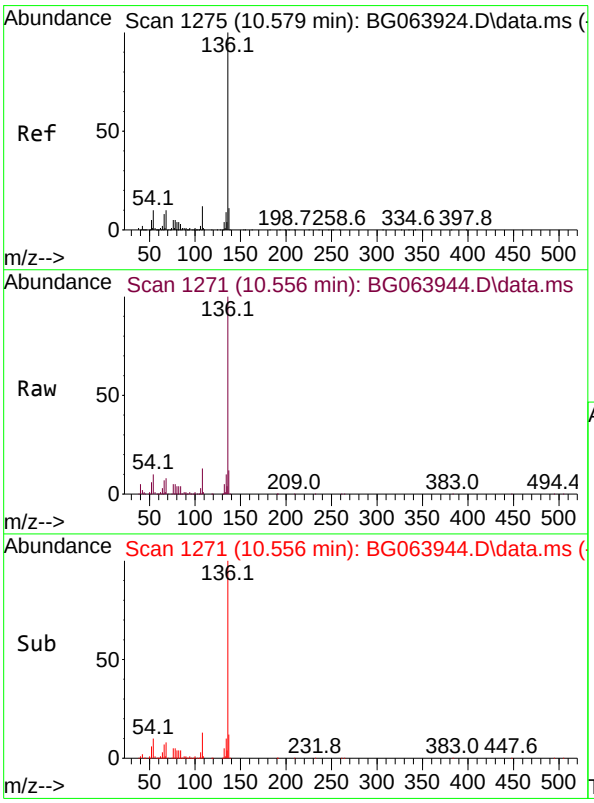
#7
Phenol-d6
Concen: 126.781 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion: 99 Resp: 1320137

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.6
71	35.3	28.5	42.7

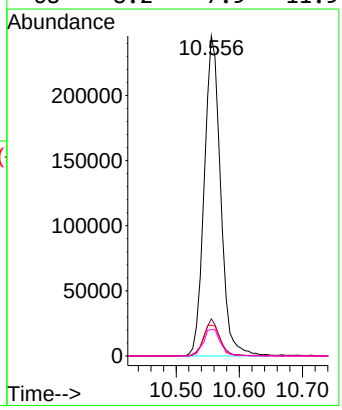


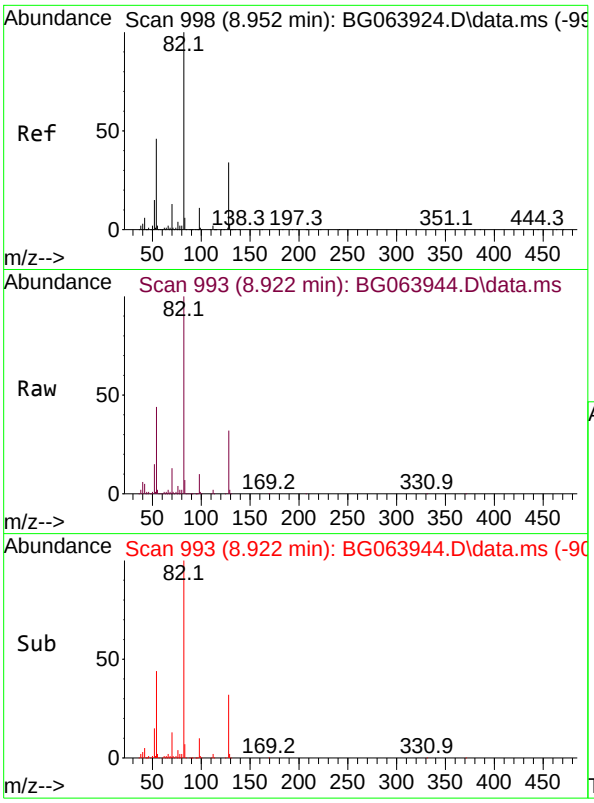


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 1271
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:136 Resp: 442297

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.6	8.0	12.0
68	8.2	7.9	11.9



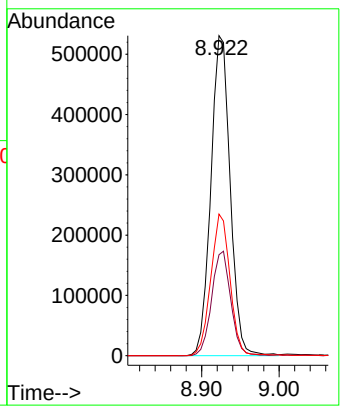


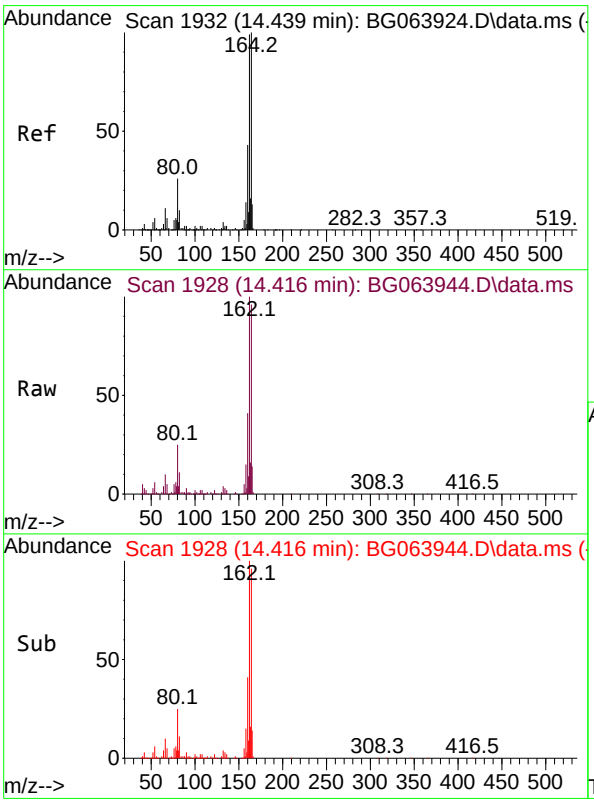
#23
Nitrobenzene-d5
Concen: 81.813 ng
RT: 8.922 min Scan# 9
Delta R.T. -0.030 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion: 82 Resp: 918626

Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.9	40.3
54	44.2	36.7	55.1

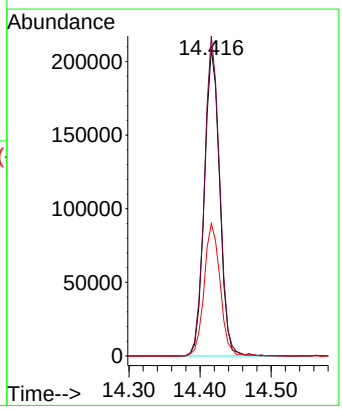


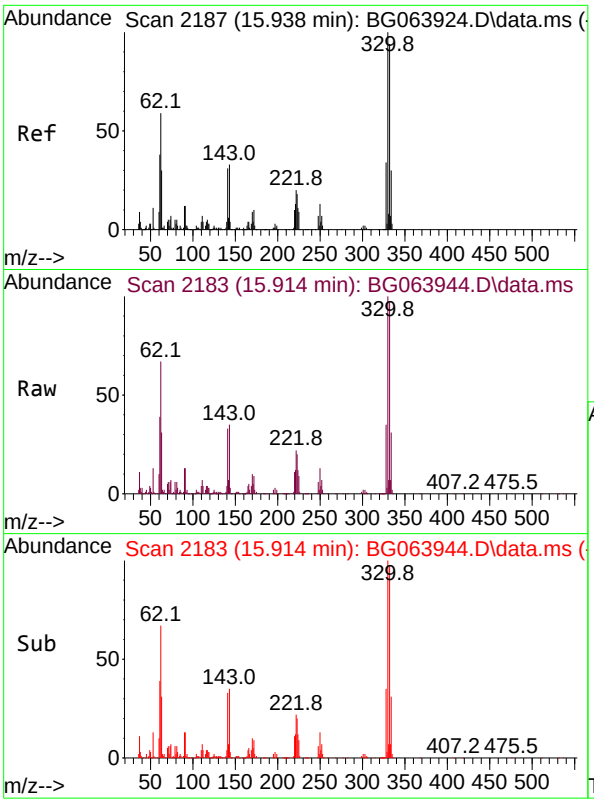


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:164 Resp: 311896

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.1	118.7
160	43.1	34.6	52.0



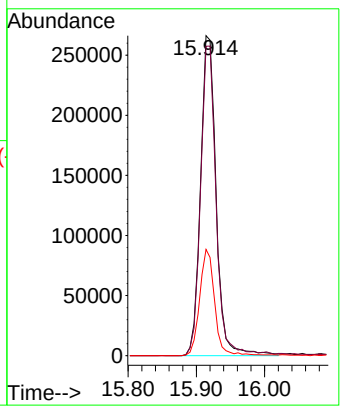


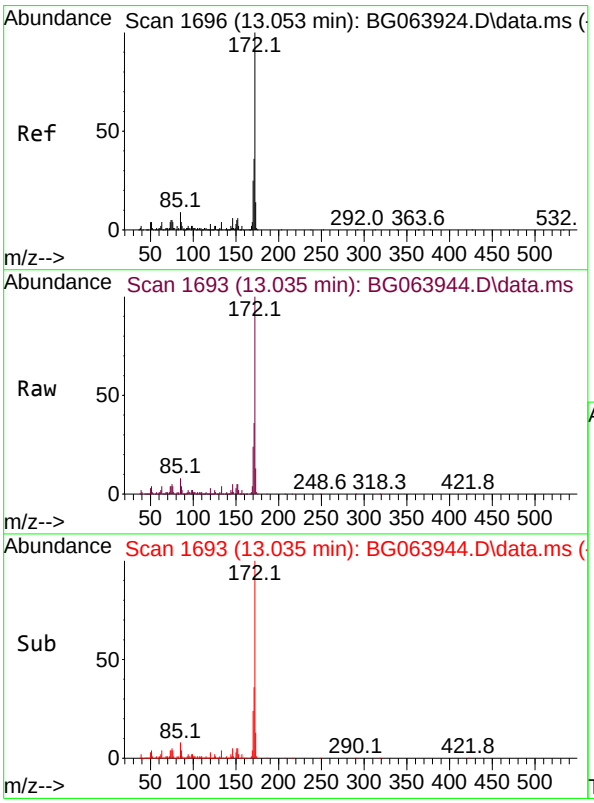
#42
2,4,6-Tribromophenol
Concen: 112.822 ng
RT: 15.914 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion:330 Resp: 424331

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	31.8	24.4	36.6

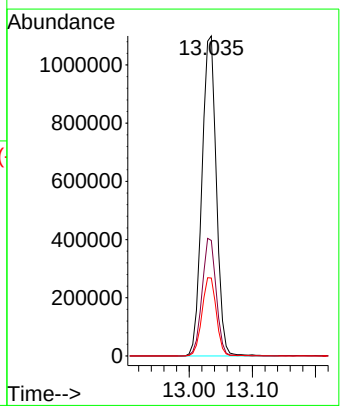


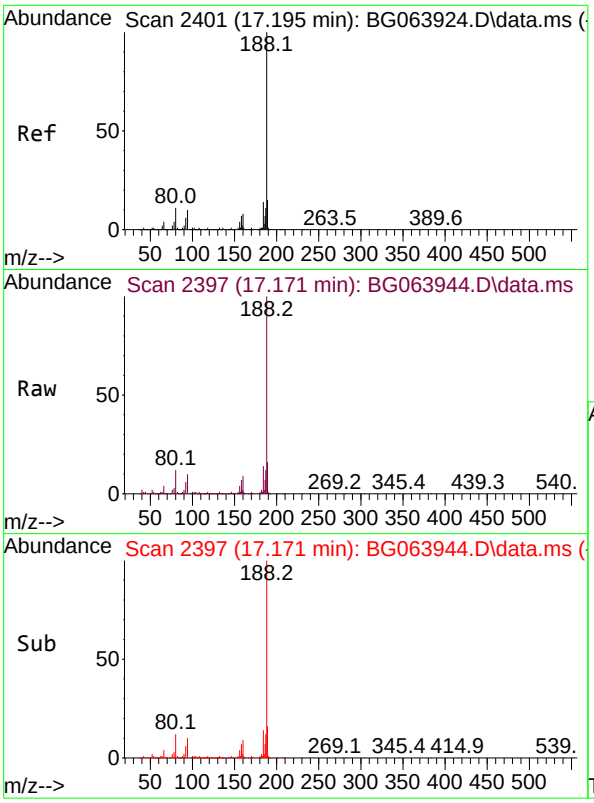


#45
2-Fluorobiphenyl
Concen: 80.847 ng
RT: 13.035 min Scan# 1693
Delta R.T. -0.018 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:172 Resp: 1740579

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.4	20.1	30.1



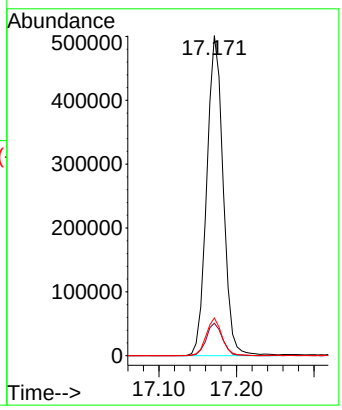


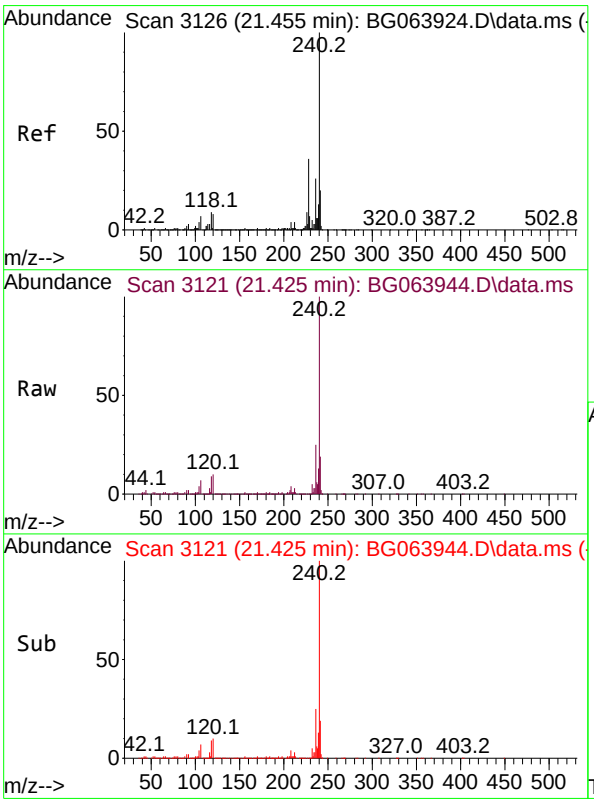
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.171 min Scan# 2
Delta R.T. -0.023 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion:188 Resp: 736182

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	11.8	9.1	13.7

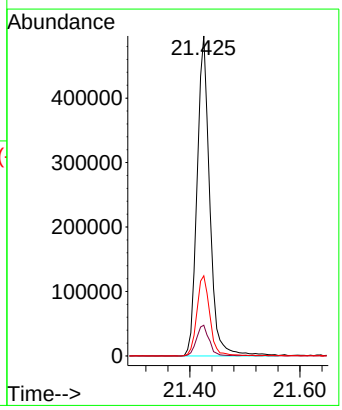


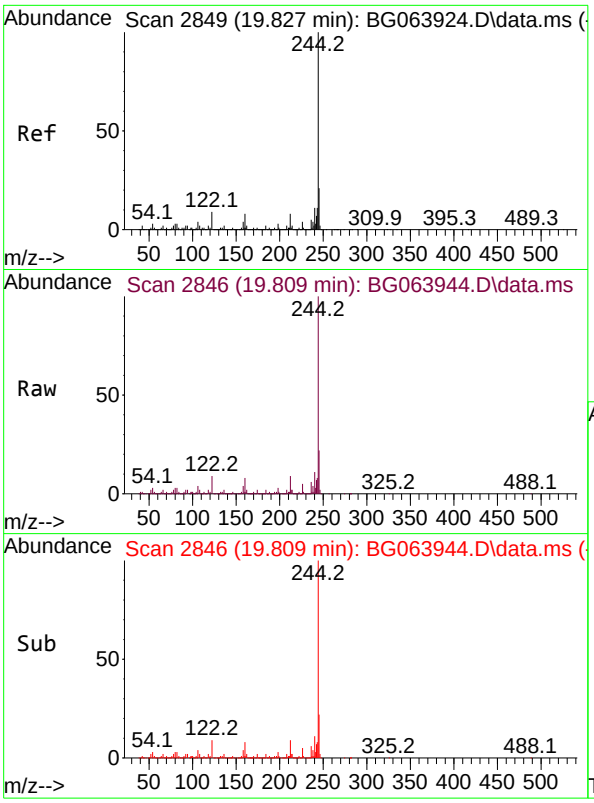


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.029 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:240 Resp: 793503

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	25.0	21.2	31.8



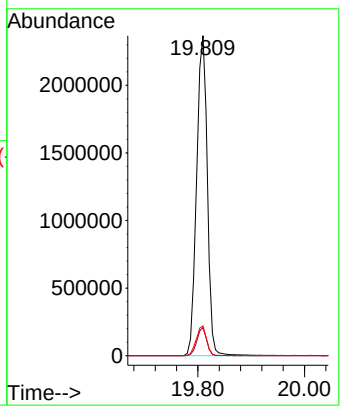


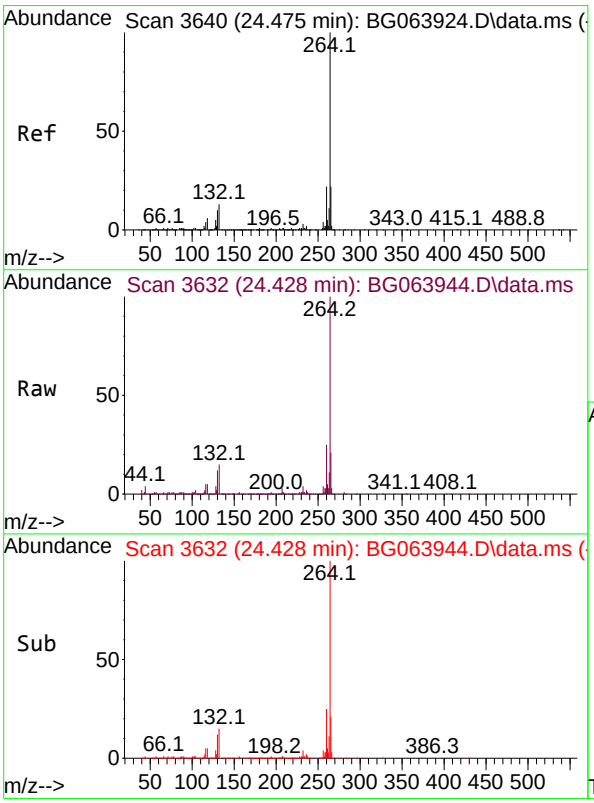
#79
Terphenyl-d14
Concen: 82.680 ng
RT: 19.809 min Scan# 2
Delta R.T. -0.018 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Instrument :
BNA_G
ClientSampleId :
PB165999BL

Tgt Ion:244 Resp: 3304244

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	9.3	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3632
Delta R.T. -0.047 min
Lab File: BG063944.D
Acq: 10 Jan 2025 10:00

Tgt Ion:264 Resp: 796013

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.5	17.8	26.6