Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057924.D
Acq On : 30 Jun 2023 18:21
Operator : CG/JU
Sample : 03389-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

Quant Time: Jul 01 02:14:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	38807	20.000	ng	-0.01
21) Naphthalene-d8	10.714	136	162542	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	122052	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	329512	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	272041	20.000	ng	-0.01
86) Perylene-d12	24.686	264	330254	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	324049	127.759	ng	0.00
7) Phenol-d6	7.077	99	415724	109.608	ng	0.00
23) Nitrobenzene-d5	9.075	82	293380	88.457	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	279441	136.314	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	679001	84.897	ng	-0.01
79) Terphenyl-d14	19.910	244	1369251	91.761	ng	0.00
Target Compounds						Qvalue

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

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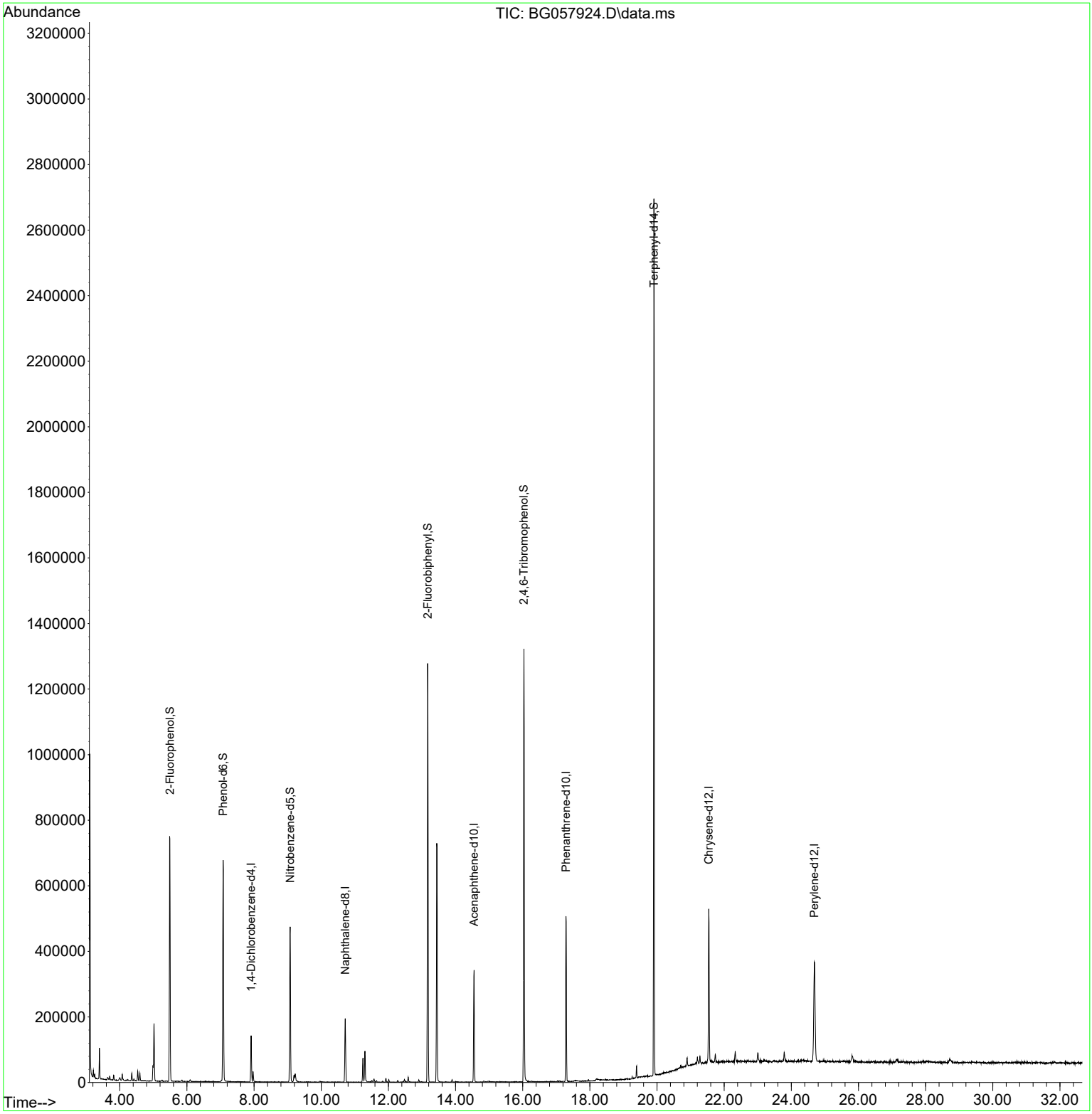
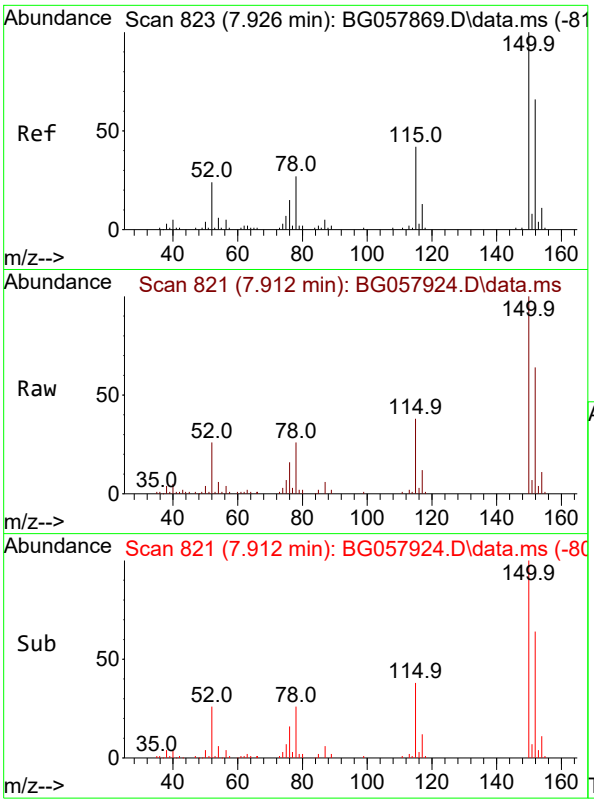


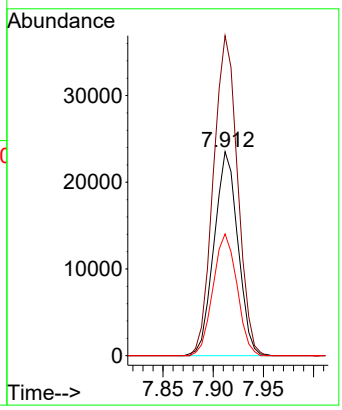


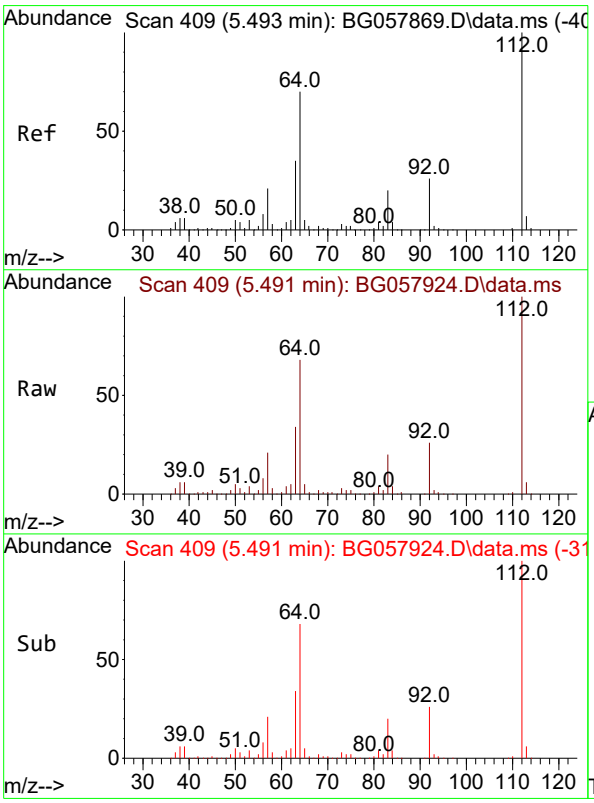
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

Tgt Ion:152 Resp: 38807

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.0	183.0
115	59.7	50.7	76.1

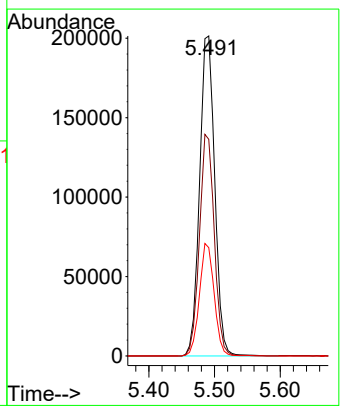


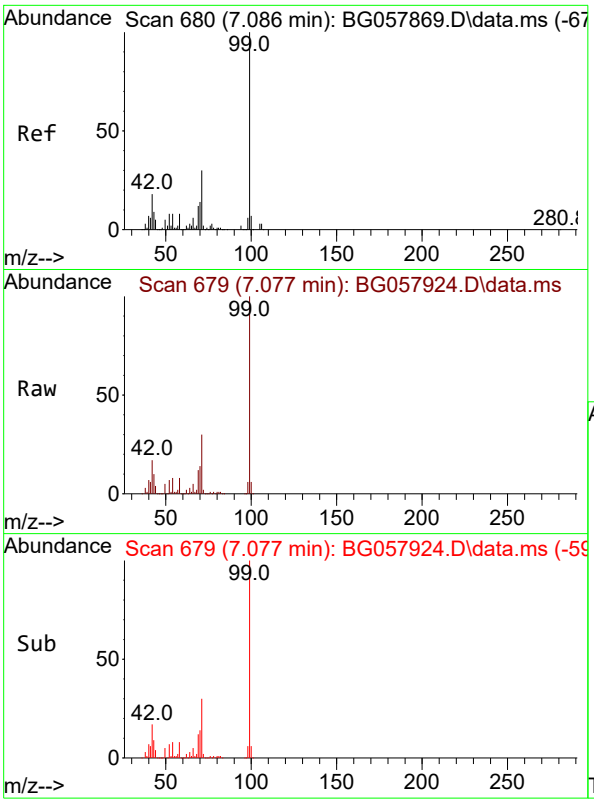


#5
2-Fluorophenol
Concen: 127.759 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Tgt Ion:112 Resp: 324049

Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.8	83.6
63	33.9	27.9	41.9



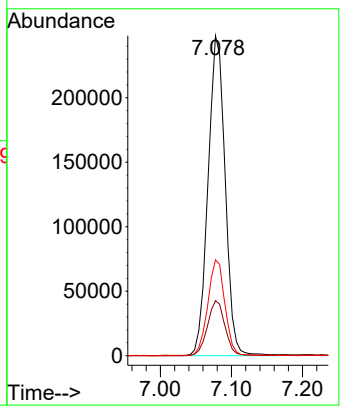


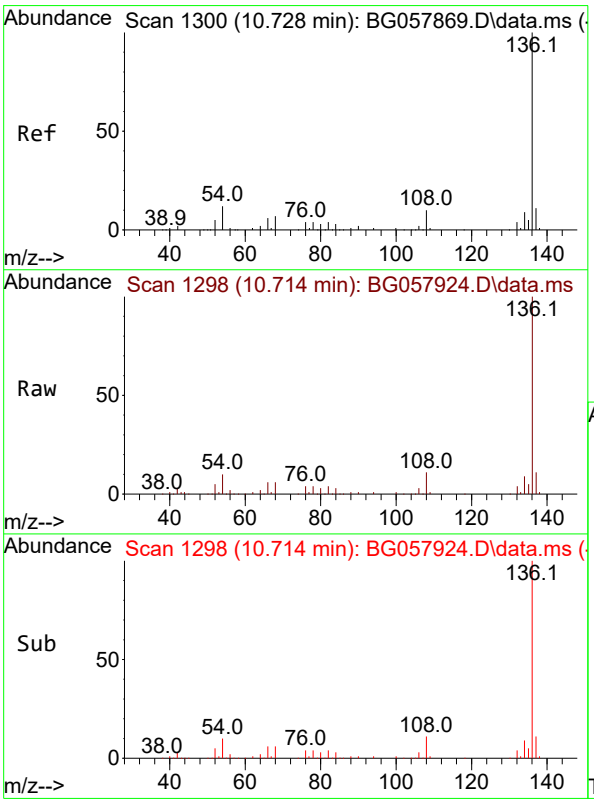
#7
Phenol-d6
Concen: 109.608 ng
RT: 7.077 min Scan# 6
Delta R.T. -0.008 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

Tgt Ion: 99 Resp: 415724

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.2	21.4
71	29.9	23.9	35.9

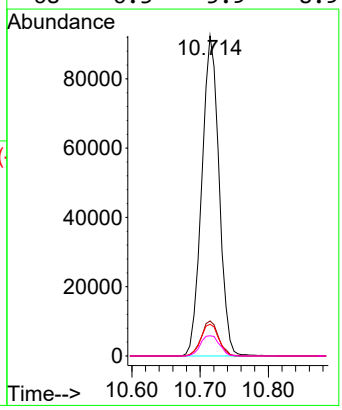


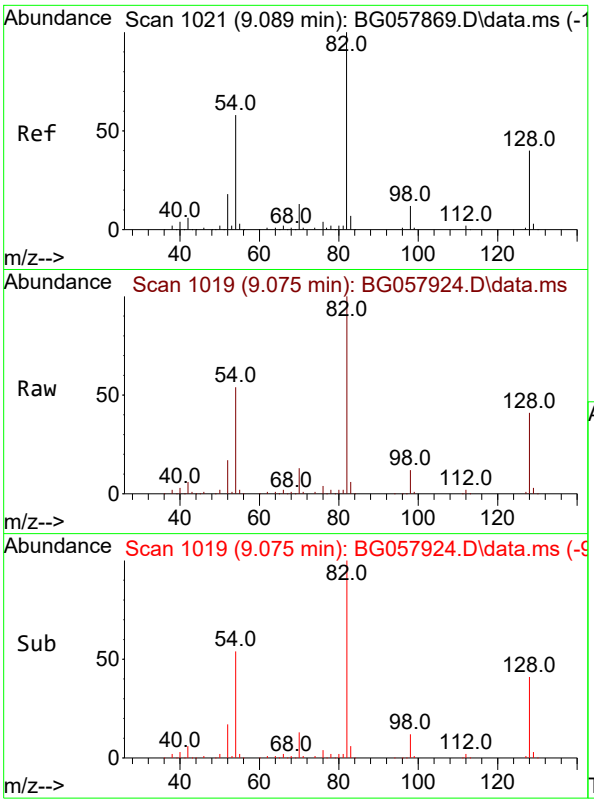


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Tgt Ion:136 Resp: 162542

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.9	9.3	13.9
68	6.3	5.9	8.9



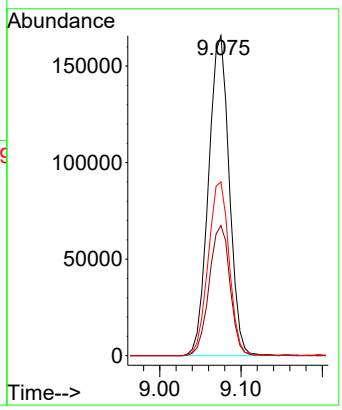


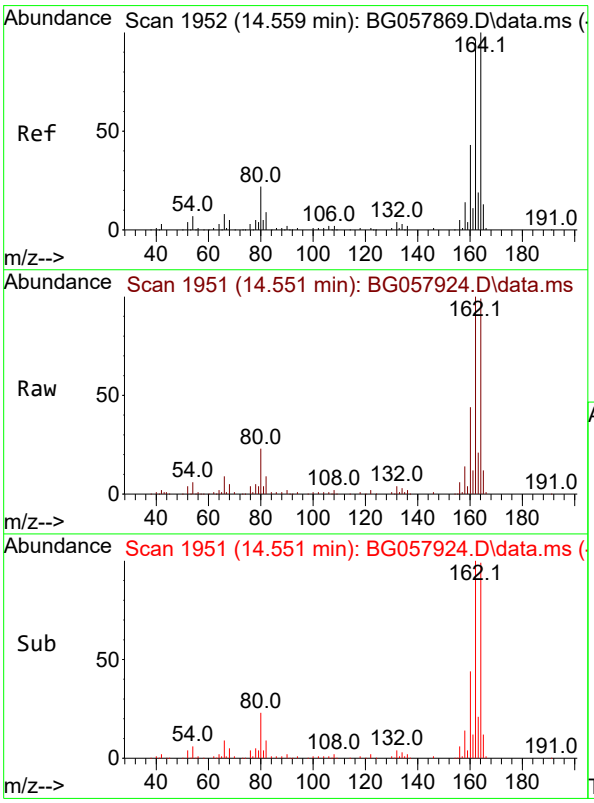
#23
Nitrobenzene-d5
Concen: 88.457 ng
RT: 9.075 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

Tgt Ion: 82 Resp: 293380

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.4
54	54.3	46.1	69.1

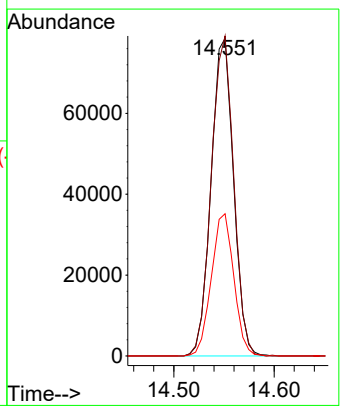


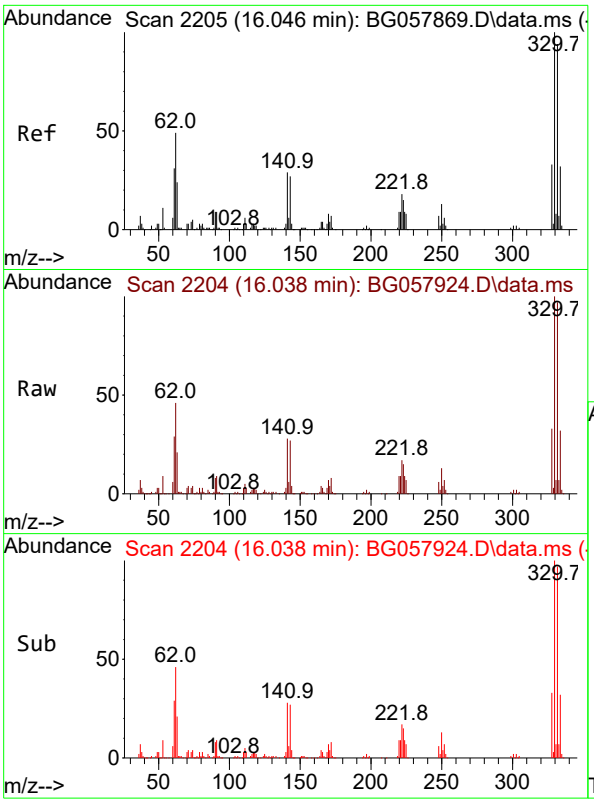


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Tgt Ion:164 Resp: 122052

Ion	Ratio	Lower	Upper
164	100		
162	100.8	76.4	114.6
160	44.8	34.2	51.2



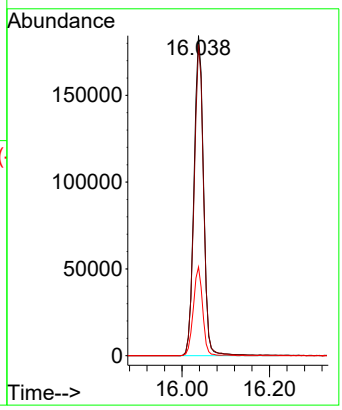


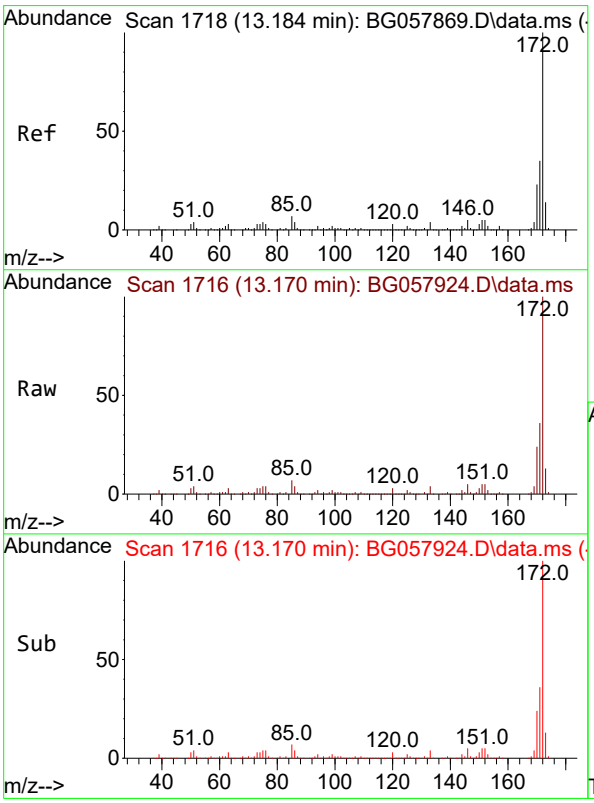
#42
2,4,6-Tribromophenol
Concen: 136.314 ng
RT: 16.038 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

Tgt Ion:330 Resp: 279441

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	27.0	22.2	33.4

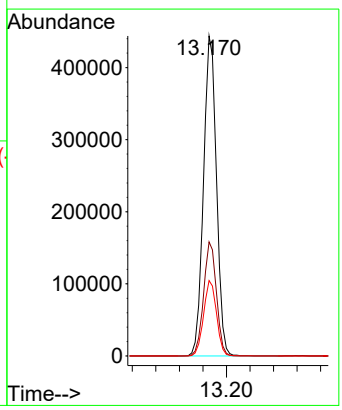


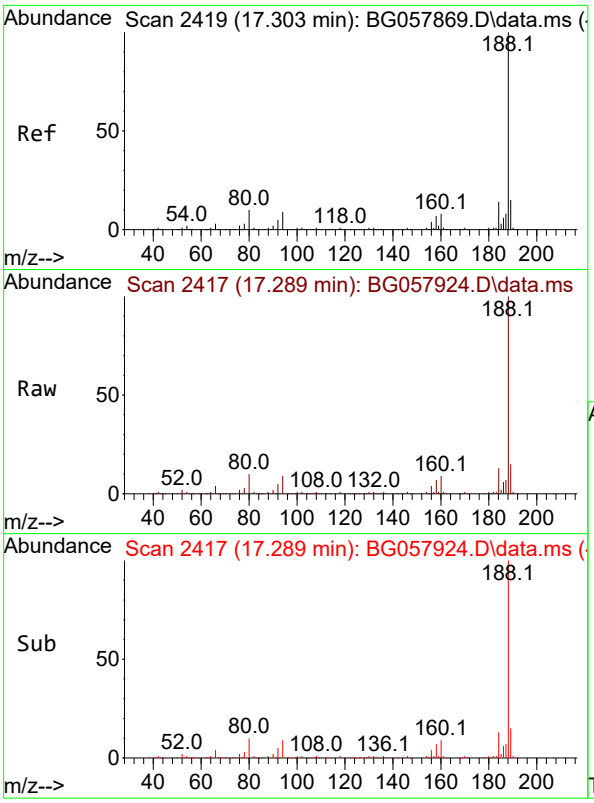


#45
2-Fluorobiphenyl
Concen: 84.897 ng
RT: 13.170 min Scan# 1716
Delta R.T. -0.014 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Tgt Ion:172 Resp: 679001

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.8
170	23.6	18.6	27.8



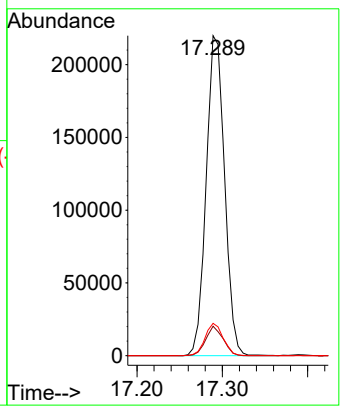


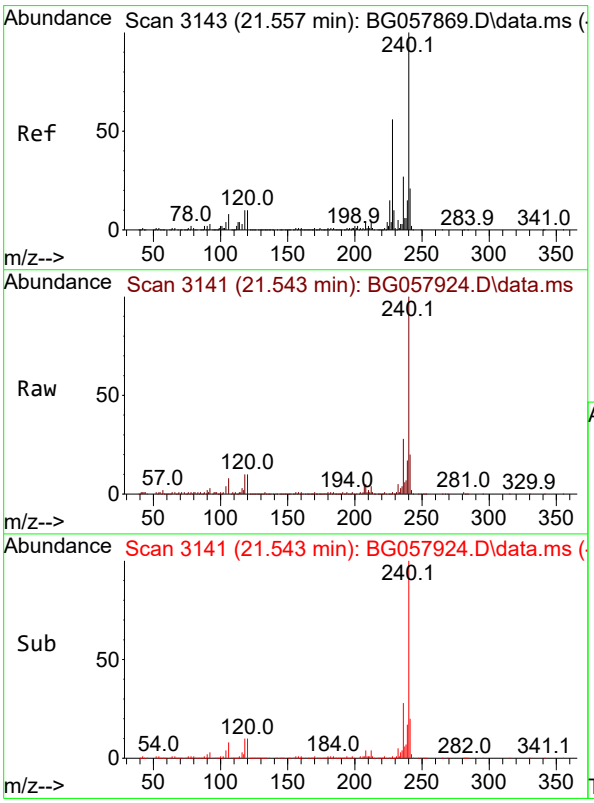
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 24
Delta R.T. -0.014 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

Tgt Ion:188 Resp: 329512

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	8.4	12.6

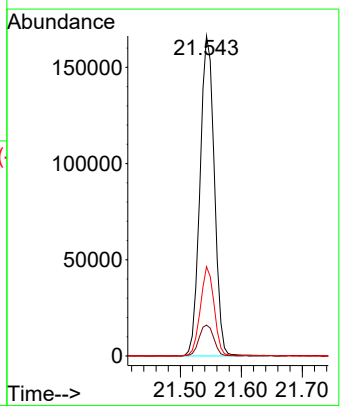


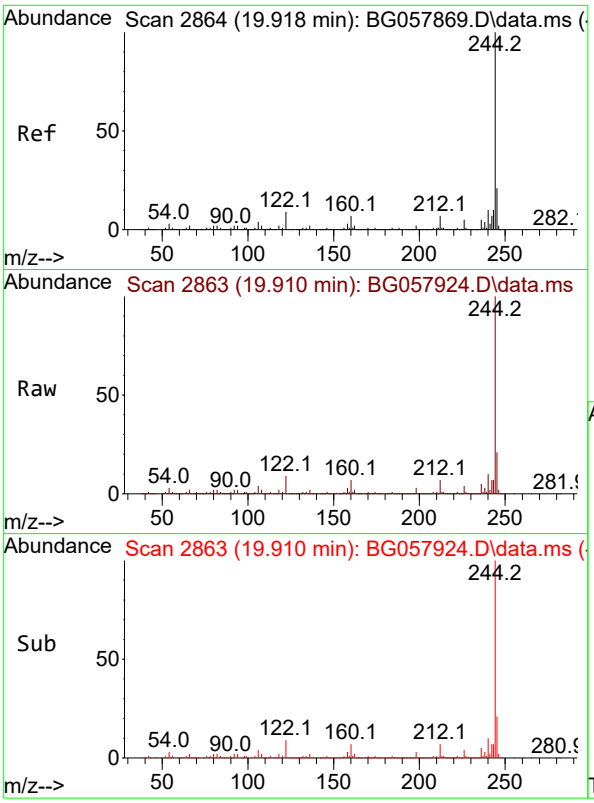


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Tgt Ion:240 Resp: 272041

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	27.9	21.9	32.9



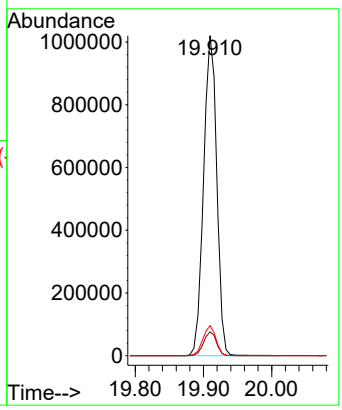


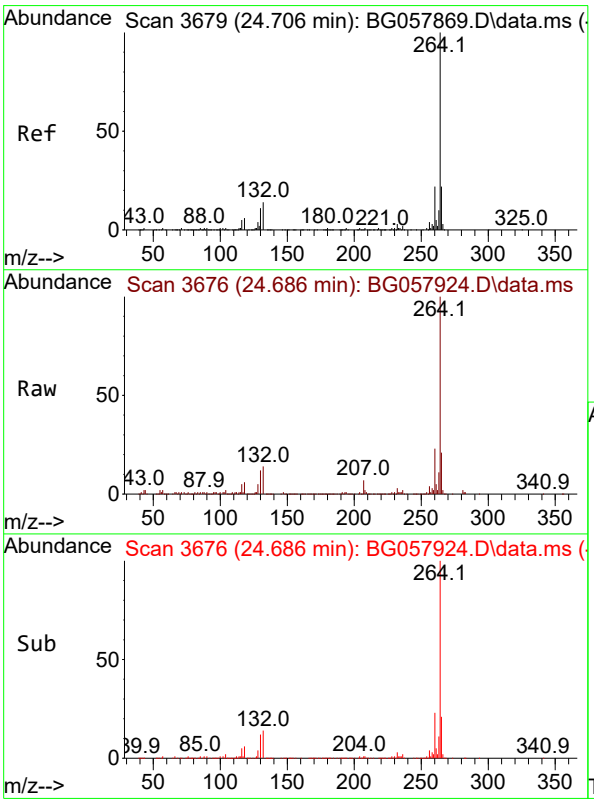
#79
Terphenyl-d14
Concen: 91.761 ng
RT: 19.910 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Instrument :
BNA_G
ClientSampleId :
WC-DRUM

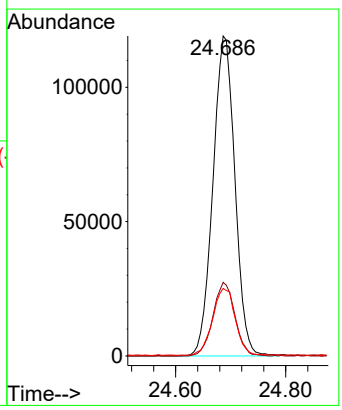
Tgt Ion:244 Resp: 1369251

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.4	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.686 min Scan# 3676
Delta R.T. -0.020 min
Lab File: BG057924.D
Acq: 30 Jun 2023 18:21

Tgt Ion:264 Resp: 330254

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.8
265	21.1	17.3	25.9