Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057075.D
Acq On : 12 Apr 2023 23:01
Operator : CG/JU
Sample : 02283-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Quant Time: Apr 13 05:27:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15049	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	59164	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	41719	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	99264	20.000	ng	0.00
76) Chrysene-d12	22.072	240	88685	20.000	ng	0.00
86) Perylene-d12	25.602	264	96569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	151658	161.287	ng	0.00
7) Phenol-d6	7.539	99	211744	150.564	ng	0.00
23) Nitrobenzene-d5	9.583	82	137366	95.002	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	99908	149.905	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	291745	94.827	ng	0.00
79) Terphenyl-d14	20.327	244	534523	101.990	ng	0.00
Target Compounds						Qvalue

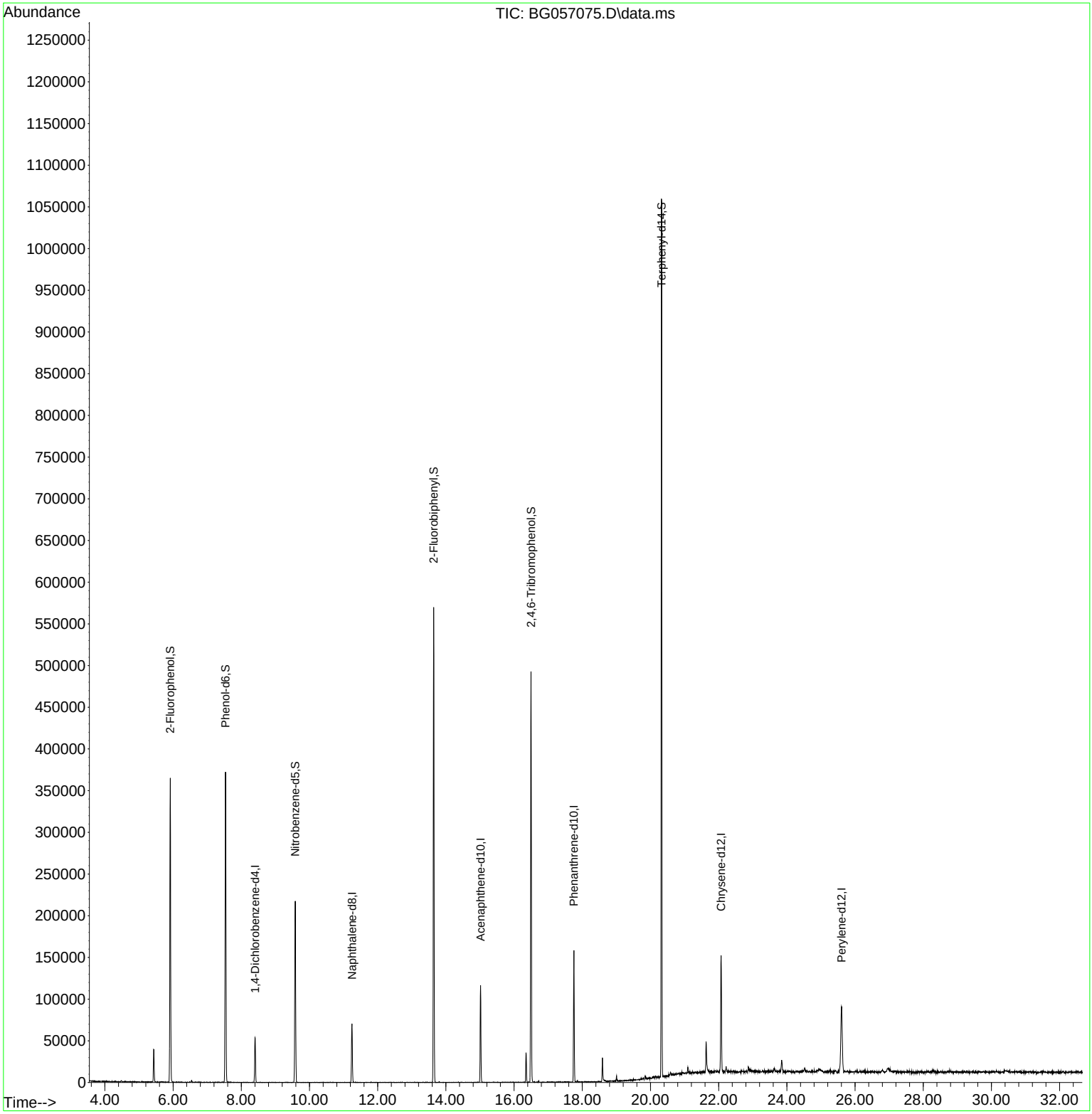
(#) = qualifier out of range (m) = manual integration (+) = signals summed

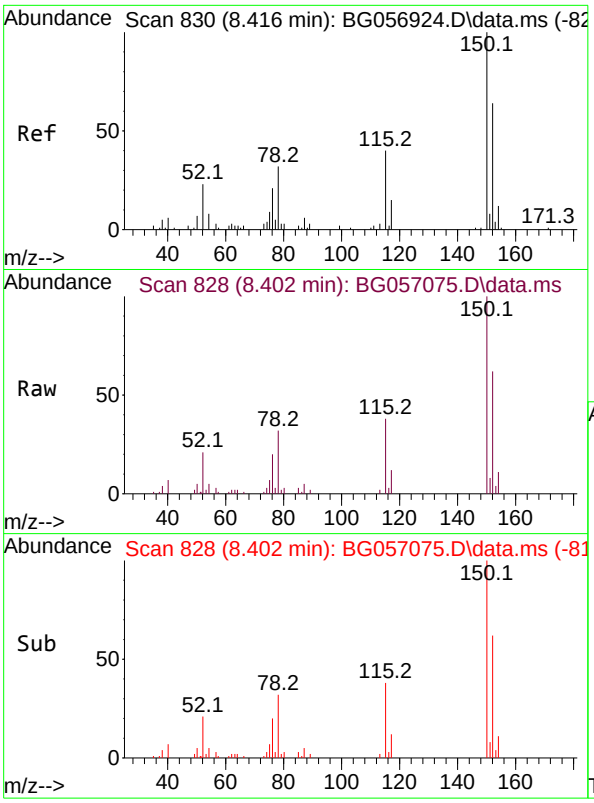
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057075.D
Acq On : 12 Apr 2023 23:01
Operator : CG/JU
Sample : 02283-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Quant Time: Apr 13 05:27:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration



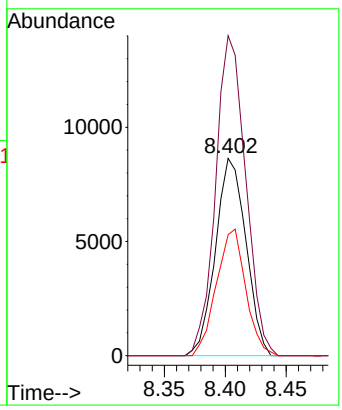


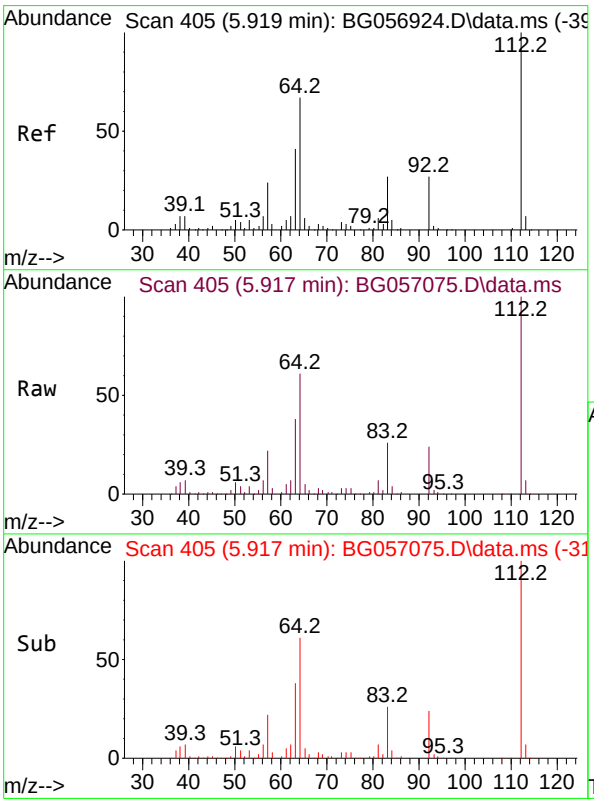
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Tgt Ion:152 Resp: 15049

Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.1	186.1
115	61.3	49.1	73.7

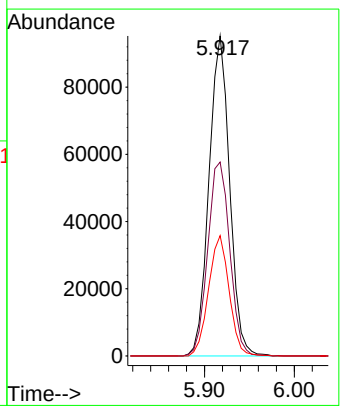


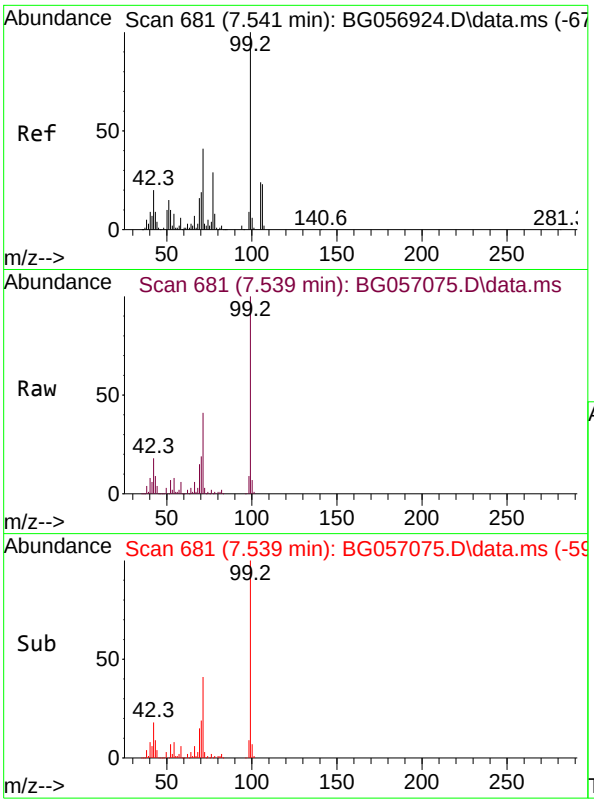


#5
2-Fluorophenol
Concen: 161.287 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Tgt Ion:112 Resp: 151658

Ion	Ratio	Lower	Upper
112	100		
64	60.6	53.2	79.8
63	37.6	32.6	48.8



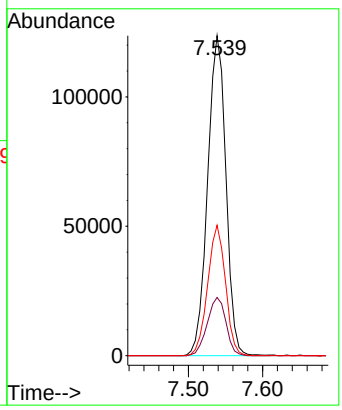


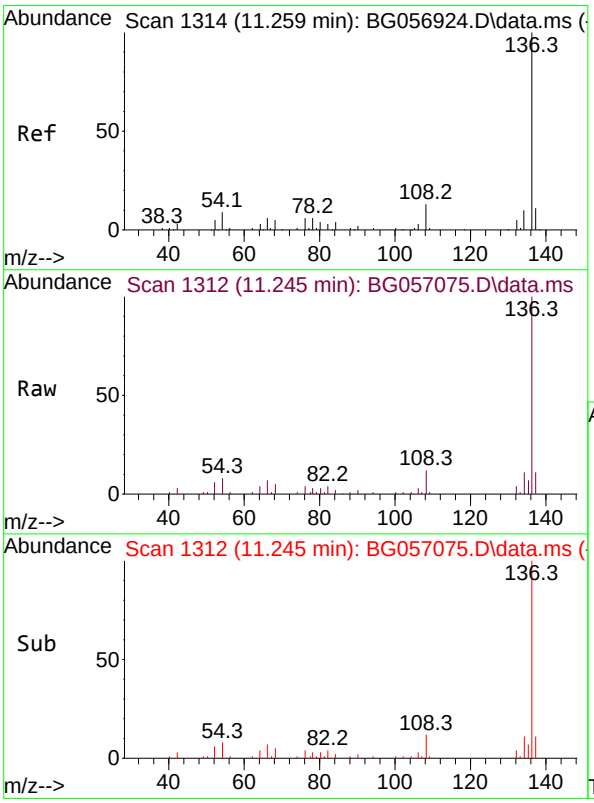
#7
Phenol-d6
Concen: 150.564 ng
RT: 7.539 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Tgt Ion: 99 Resp: 211744

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.7	23.5
71	40.8	32.5	48.7

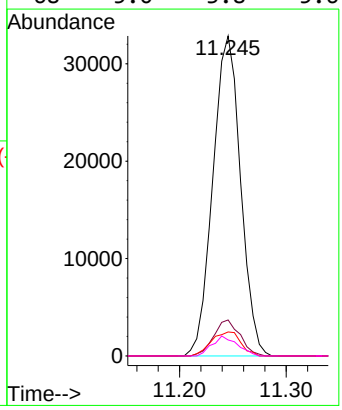


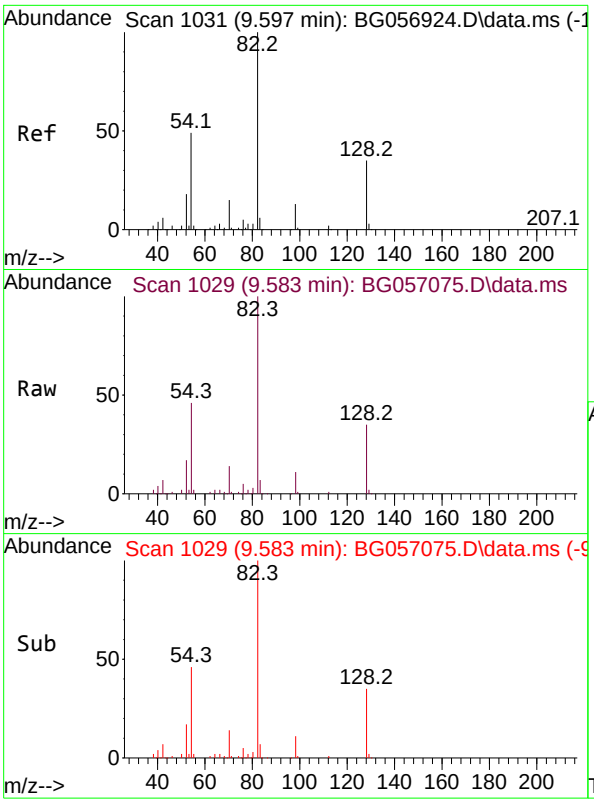


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Tgt Ion:136 Resp: 59164

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.5	6.9	10.3
68	5.0	3.8	5.6



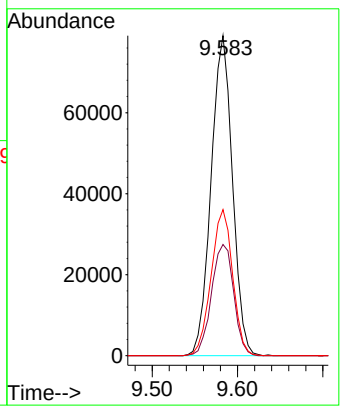


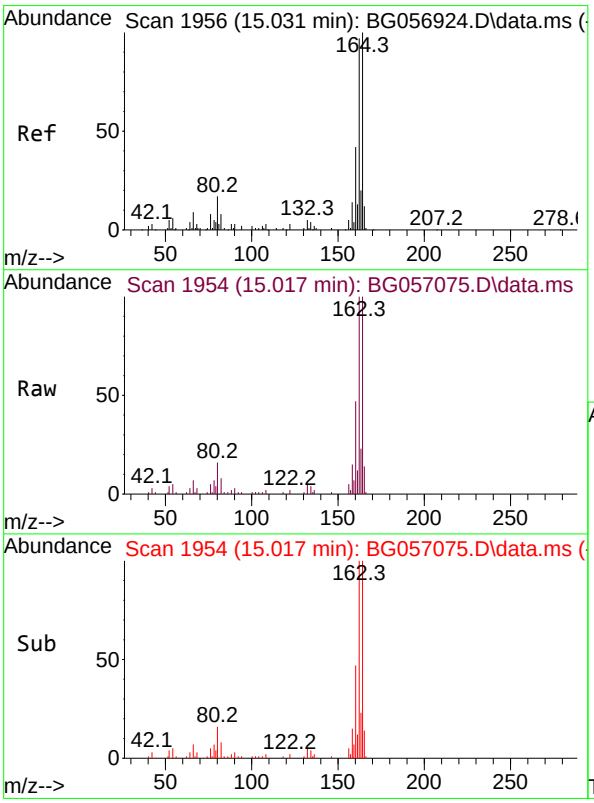
#23
Nitrobenzene-d5
Concen: 95.002 ng
RT: 9.583 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Tgt Ion: 82 Resp: 137366

Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.9	41.9
54	45.7	39.4	59.2

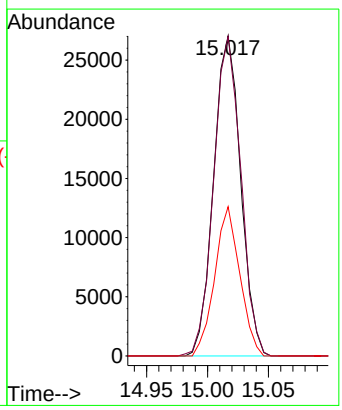


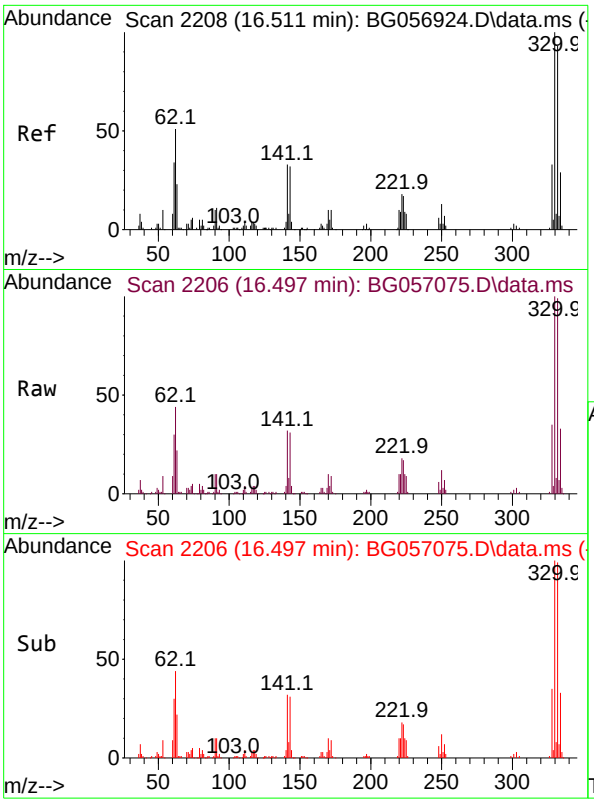


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Tgt Ion:164 Resp: 41719

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.8	116.8
160	46.6	33.5	50.3



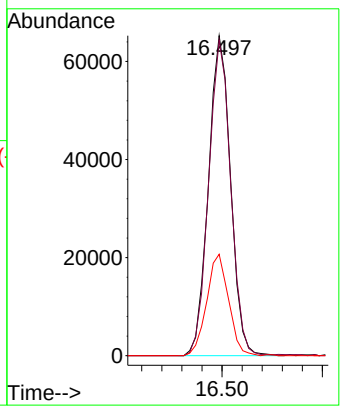


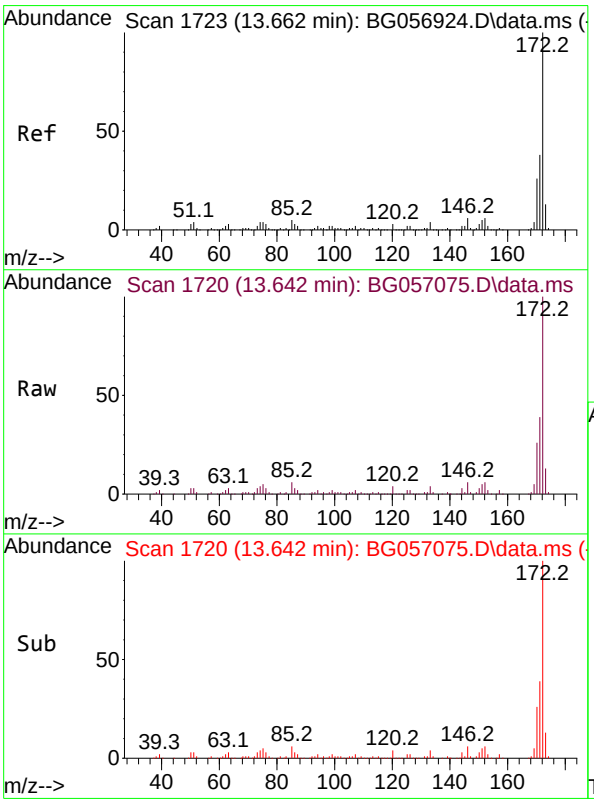
#42
2,4,6-Tribromophenol
Concen: 149.905 ng
RT: 16.497 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Tgt Ion:330 Resp: 99908

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.1	114.1
141	31.4	25.8	38.6

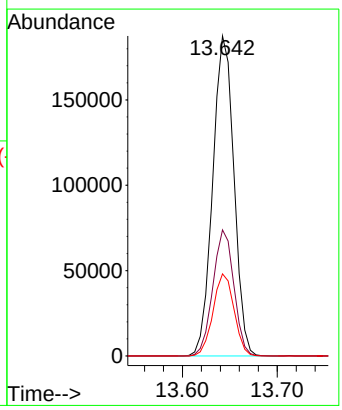


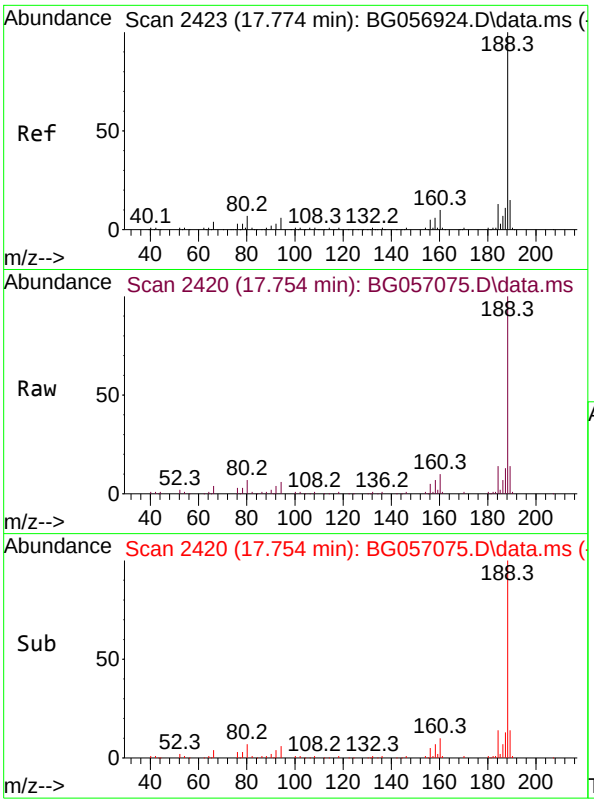


#45
2-Fluorobiphenyl
Concen: 94.827 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Tgt Ion:172 Resp: 291745

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.6	46.0
170	25.6	20.6	30.8



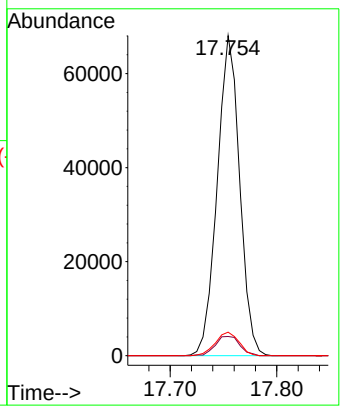


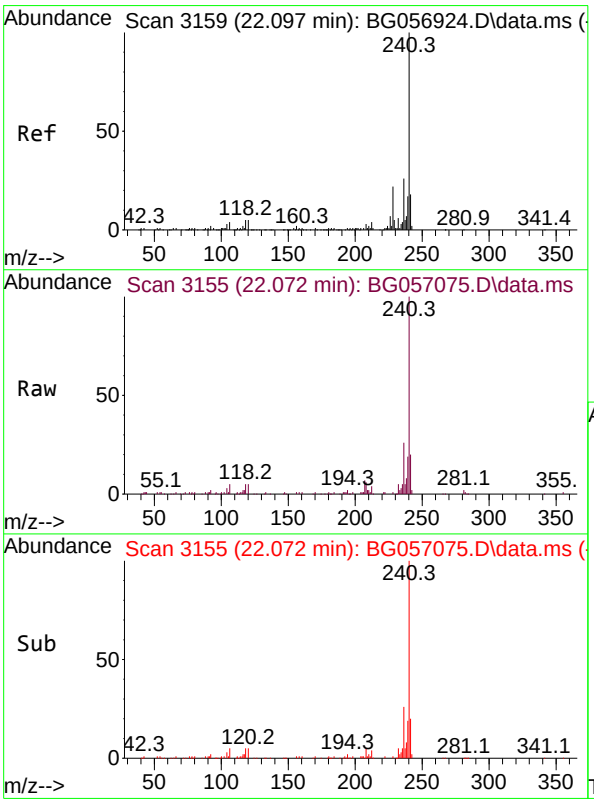
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

Tgt Ion:188 Resp: 99264

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.6	6.8
80	7.4	5.5	8.3

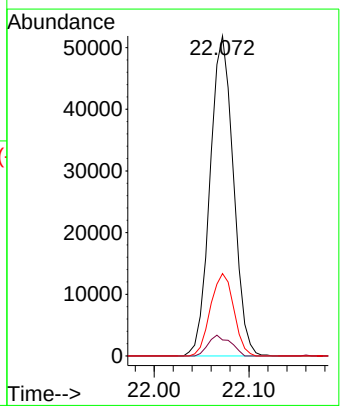


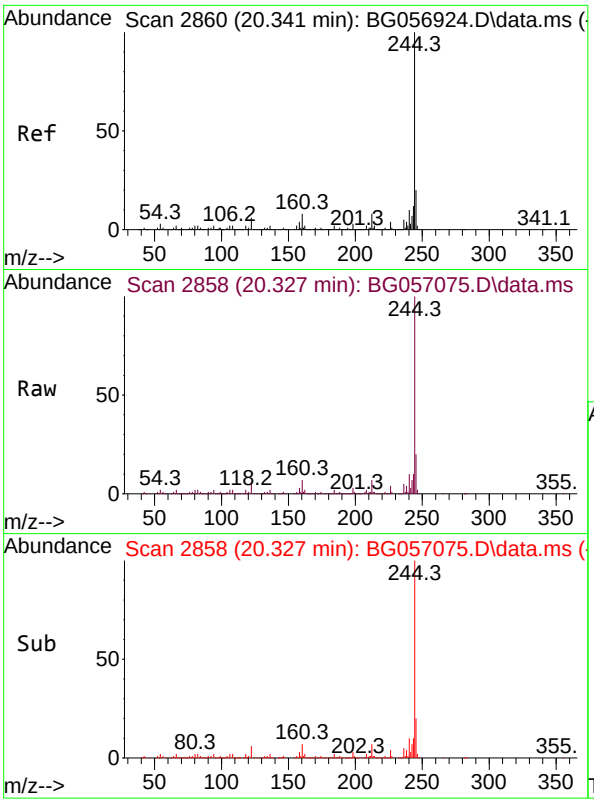


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Tgt Ion:240 Resp: 88685

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.8	5.6
236	25.7	21.0	31.6



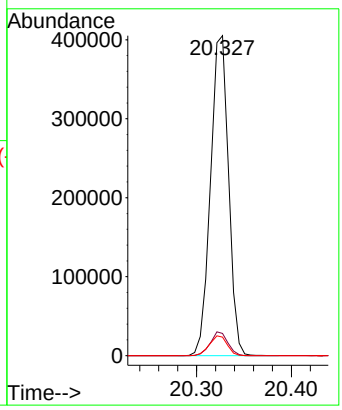


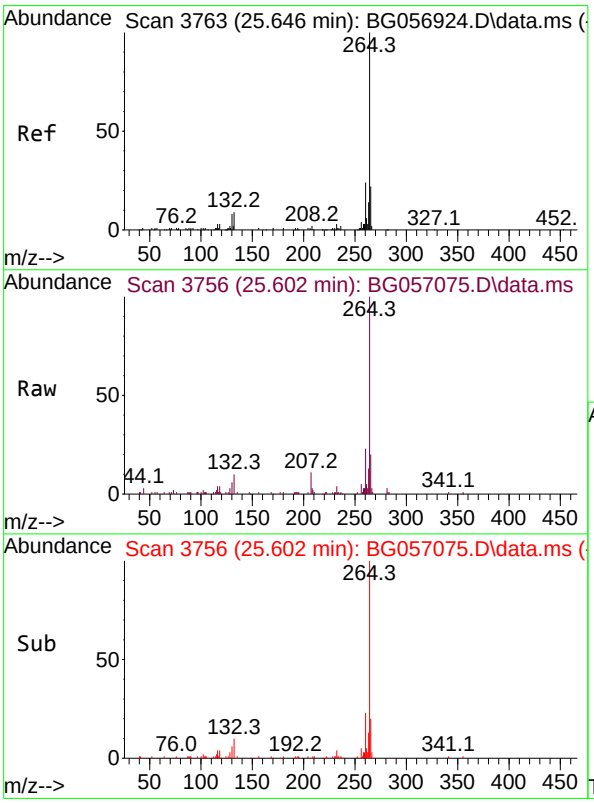
#79
Terphenyl-d14
Concen: 101.990 ng
RT: 20.327 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Instrument :
BNA_G
ClientSampleId :
20230326-COMP-4

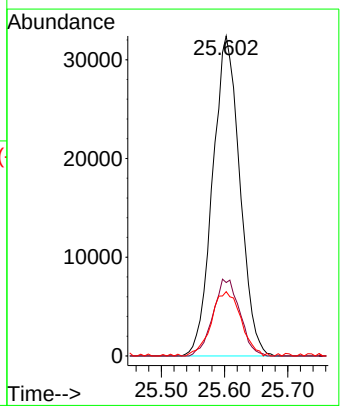
Tgt Ion:244 Resp: 534523

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	5.8	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.602 min Scan# 3756
Delta R.T. -0.009 min
Lab File: BG057075.D
Acq: 12 Apr 2023 23:01

Tgt Ion:264 Resp: 96569

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	20.1	17.8	26.6