Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057863.D
Acq On : 24 Jun 2023 5:46
Operator : CG/JU
Sample : 03291-03DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Quant Time: Jun 25 01:43:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

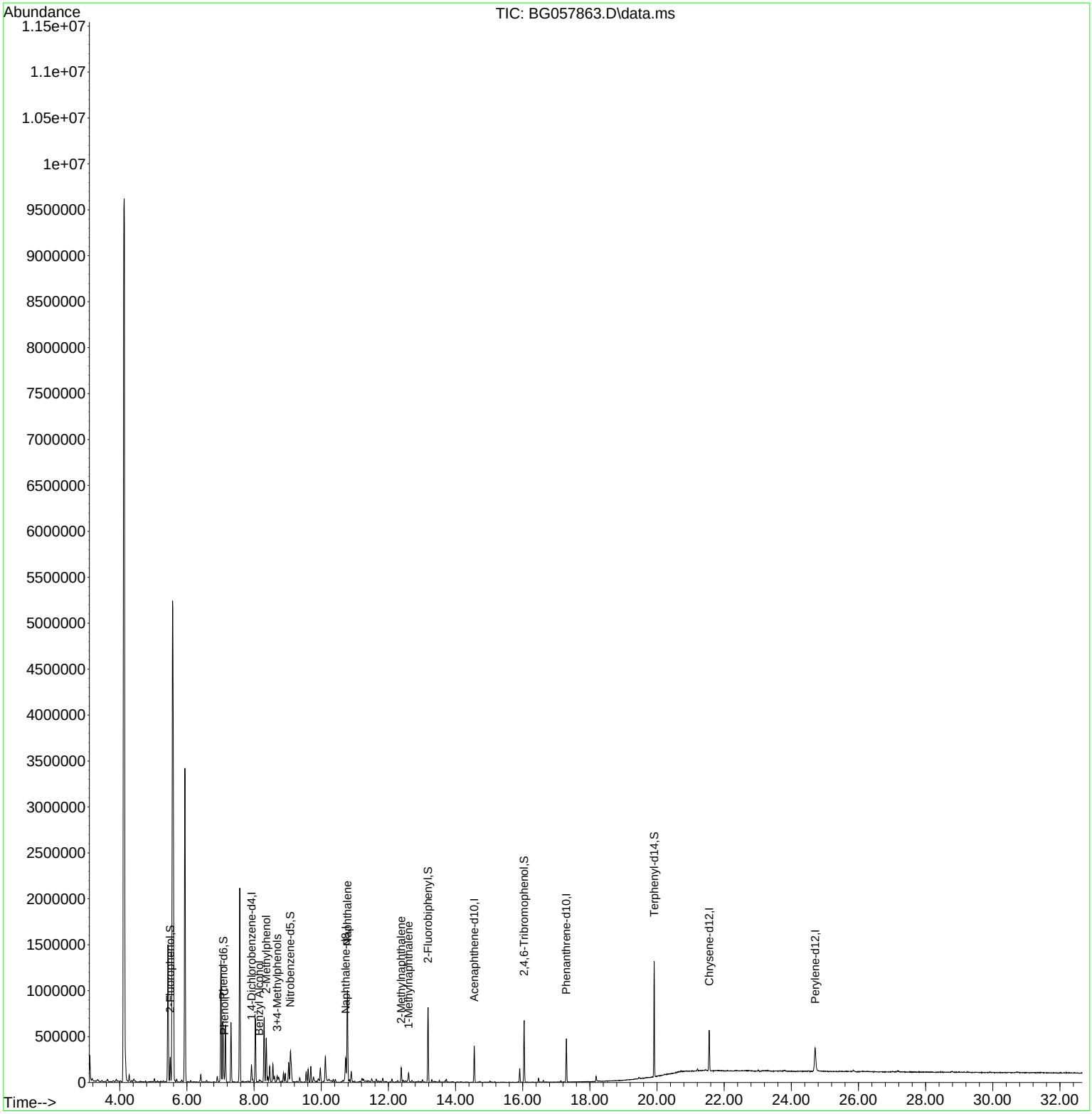
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	50896	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	215573	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	138629	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	300741	20.000	ng	0.00
76) Chrysene-d12	21.555	240	254062	20.000	ng	0.00
86) Perylene-d12	24.710	264	311592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	112160	33.979	ng	0.00
7) Phenol-d6	7.084	99	94182	18.700	ng	0.00
23) Nitrobenzene-d5	9.082	82	199143	47.412	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	142099	73.585	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	441924	48.351	ng	0.00
79) Terphenyl-d14	19.916	244	636081	46.685	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.113	94	13283	2.679	ng	94
15) Benzyl Alcohol	8.153	79	9392	2.439	ng	96
17) 2-Methylphenol	8.365	107	151686	41.588	ng	95
20) 3+4-Methylphenols	8.688	107	33839	6.717	ng	96
31) Naphthalene	10.780	128	807771	70.404	ng	99
37) 2-Methylnaphthalene	12.384	142	70865	8.474	ng	99
38) 1-Methylnaphthalene	12.601	142	34495	4.370	ng	98

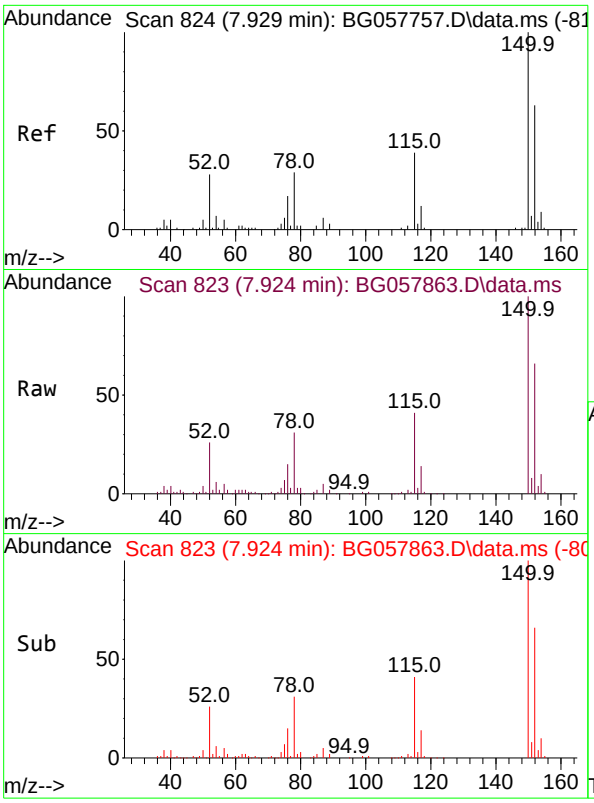
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057863.D
Acq On : 24 Jun 2023 5:46
Operator : CG/JU
Sample : 03291-03DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Quant Time: Jun 25 01:43:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration



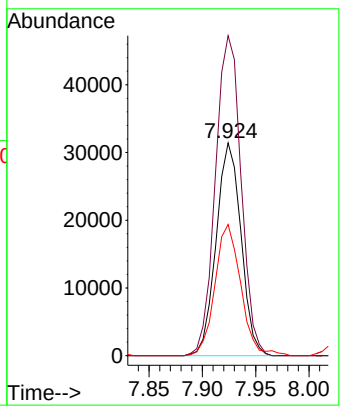


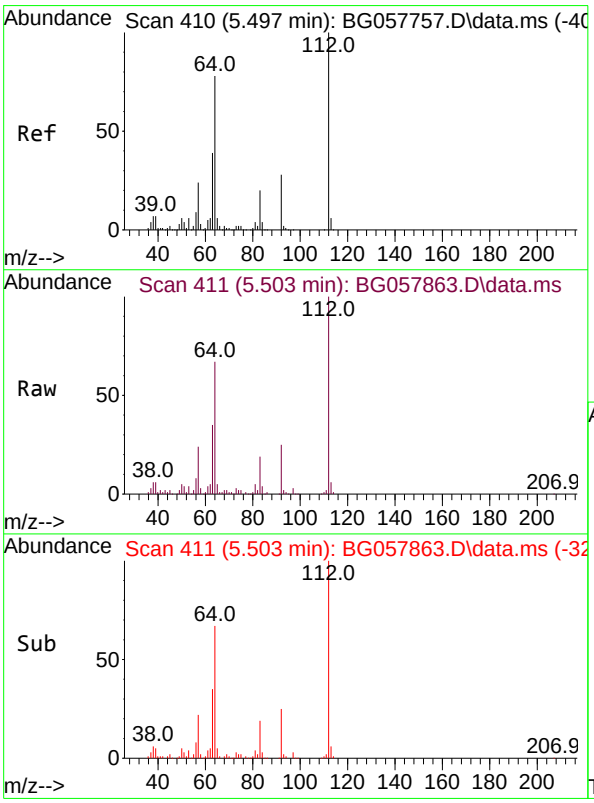
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:152 Resp: 50896

Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	61.7	48.9	73.3

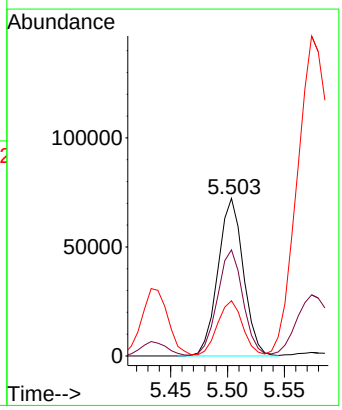


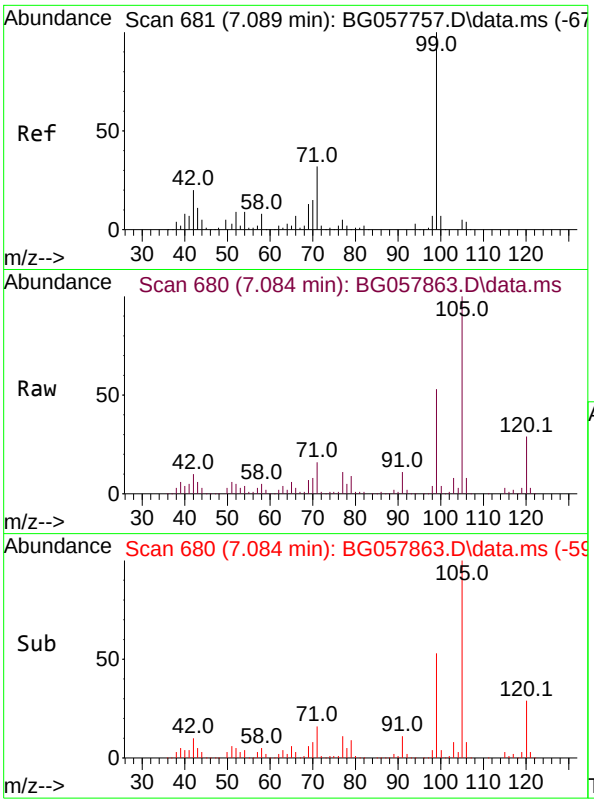


#5
2-Fluorophenol
Concen: 33.979 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:112 Resp: 112160

Ion	Ratio	Lower	Upper
112	100		
64	67.3	62.1	93.1
63	35.1	31.5	47.3



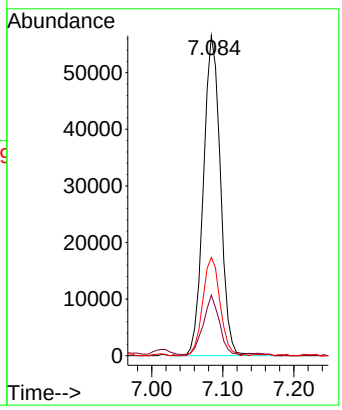


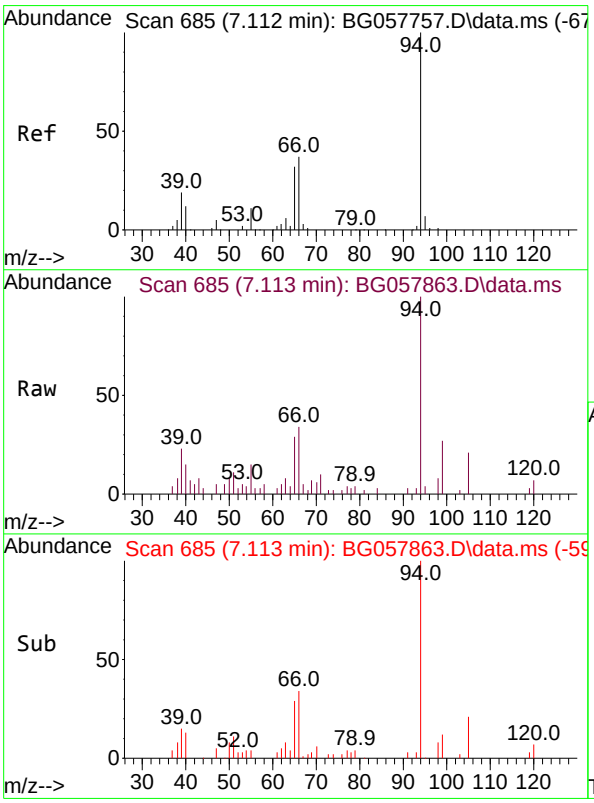
#7
Phenol-d6
Concen: 18.700 ng
RT: 7.084 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion: 99 Resp: 94182

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.4	24.6
71	30.7	25.8	38.6

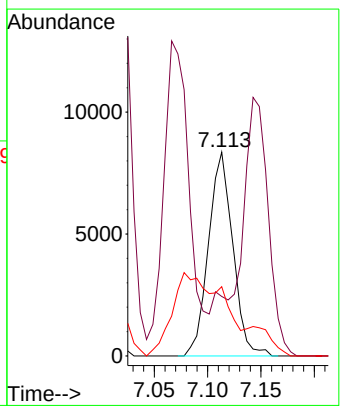


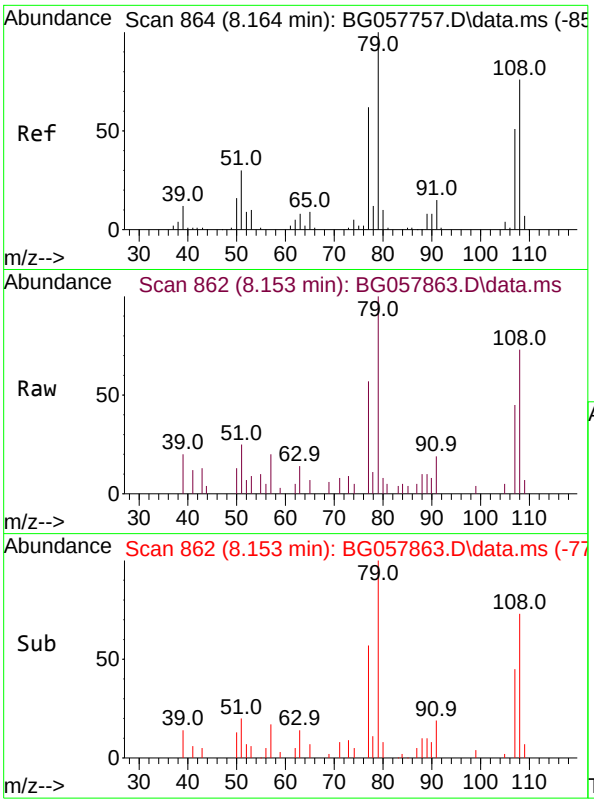


#10
Phenol
Concen: 2.679 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.001 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion: 94 Resp: 13283

Ion	Ratio	Lower	Upper
94	100		
65	29.2	12.2	52.2
66	34.0	18.3	58.3



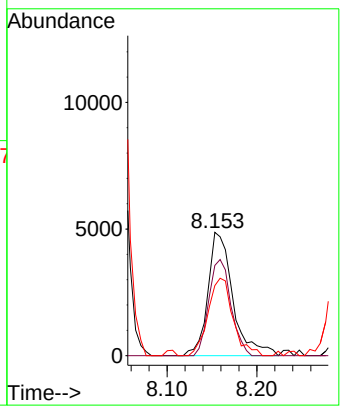


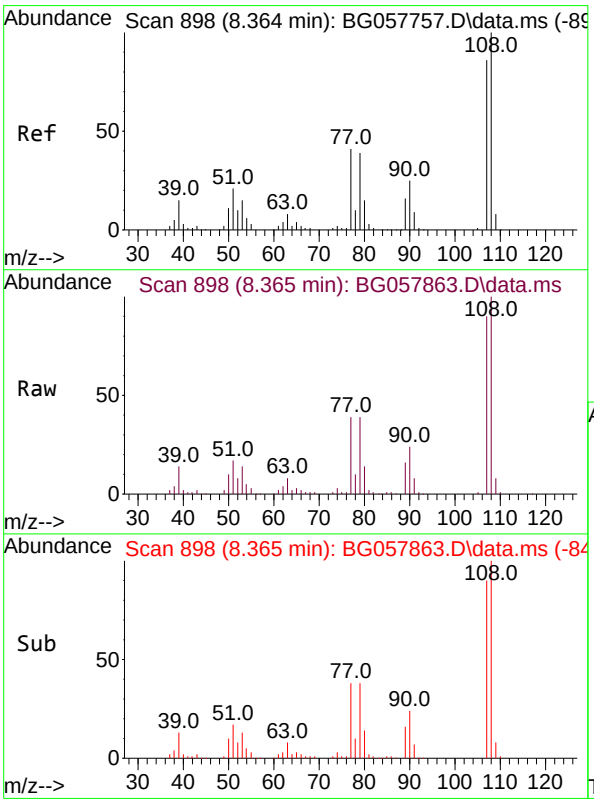
#15
Benzyl Alcohol
Concen: 2.439 ng
RT: 8.153 min Scan# 8
Delta R.T. -0.011 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion: 79 Resp: 9392

Ion	Ratio	Lower	Upper
79	100		
108	73.2	60.5	90.7
77	56.9	49.3	73.9

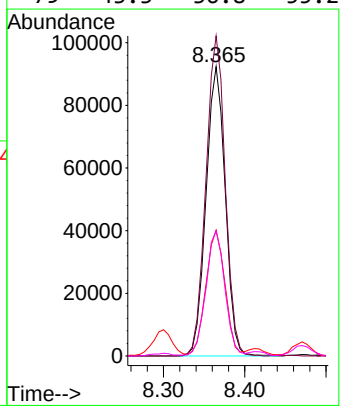


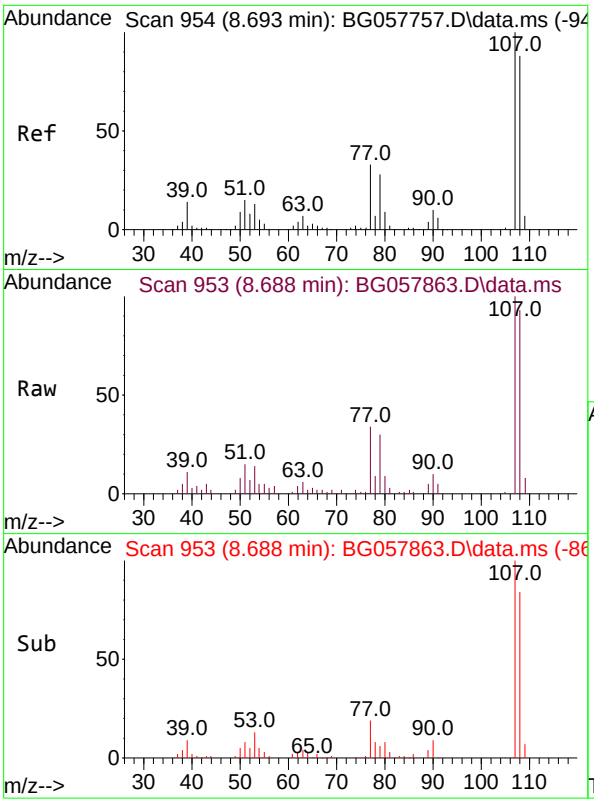


#17
2-Methylphenol
Concen: 41.588 ng
RT: 8.365 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:107 Resp: 151686

Ion	Ratio	Lower	Upper
107	100		
108	110.6	93.2	139.8
77	43.5	37.8	56.8
79	43.3	36.8	55.2



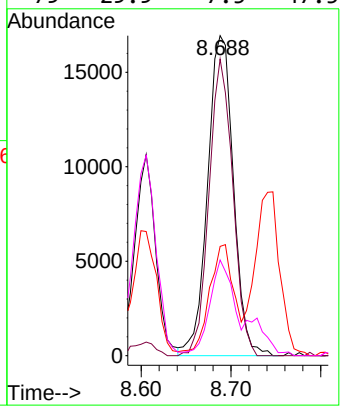


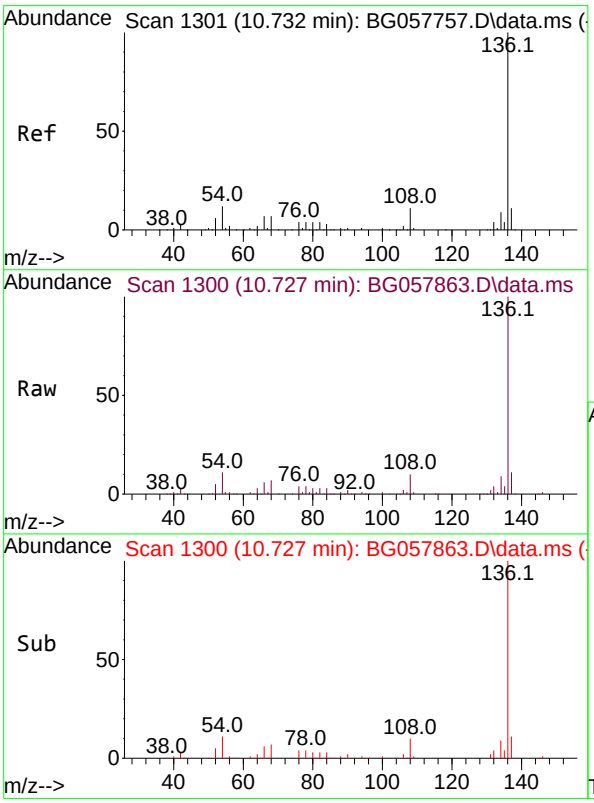
#20
3+4-Methylphenols
Concen: 6.717 ng
RT: 8.688 min Scan# 9
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:107 Resp: 33839

Ion	Ratio	Lower	Upper
107	100		
108	92.7	67.7	107.7
77	34.2	13.3	53.3
79	29.9	7.5	47.5

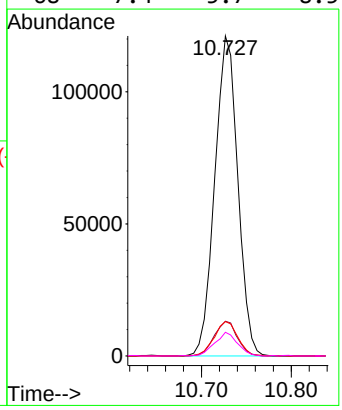


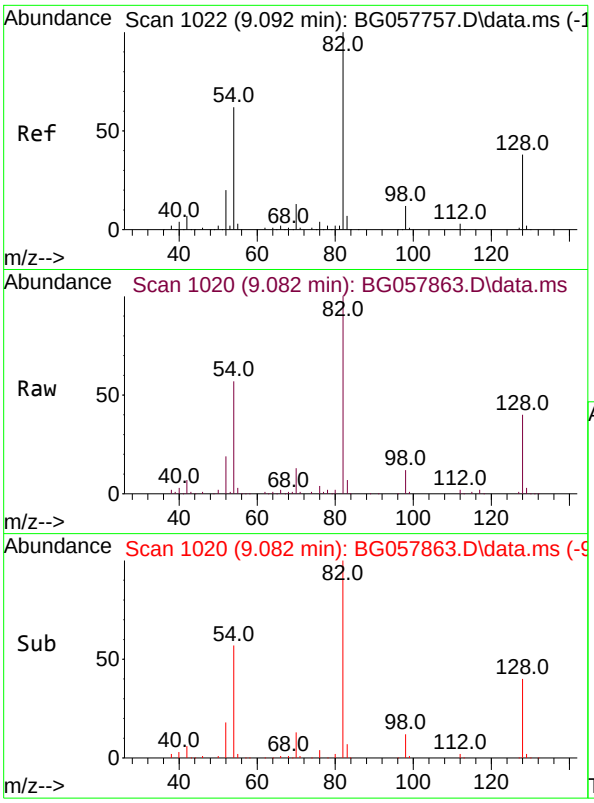


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:136 Resp: 215573

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.7	9.5	14.3
68	7.4	5.7	8.5



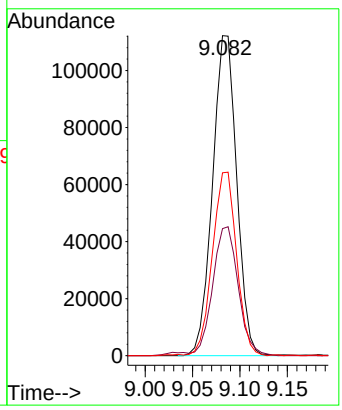


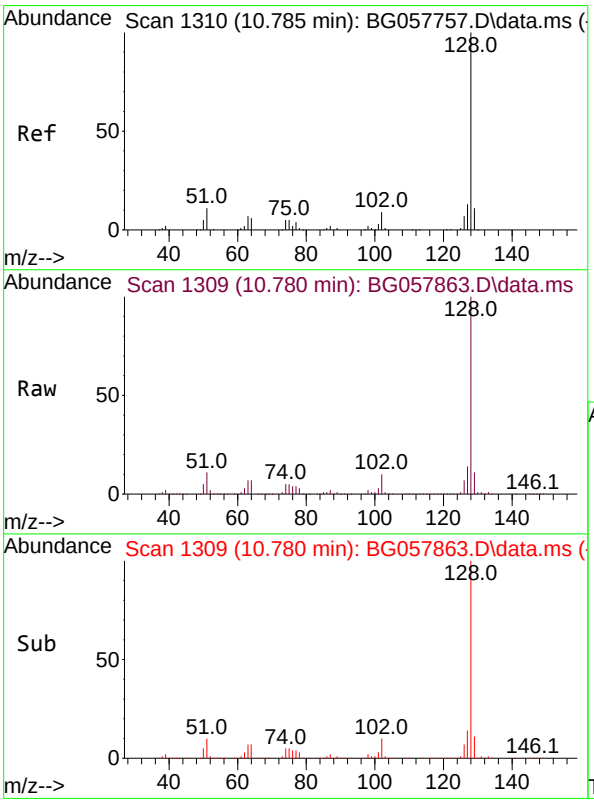
#23
Nitrobenzene-d5
Concen: 47.412 ng
RT: 9.082 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion: 82 Resp: 199143

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.7	46.1
54	57.1	49.6	74.4

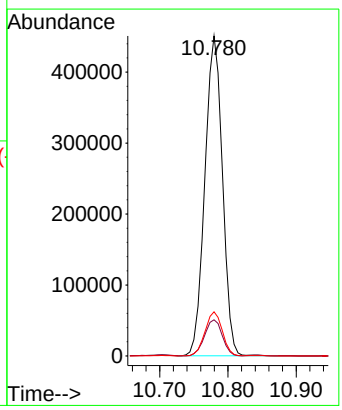


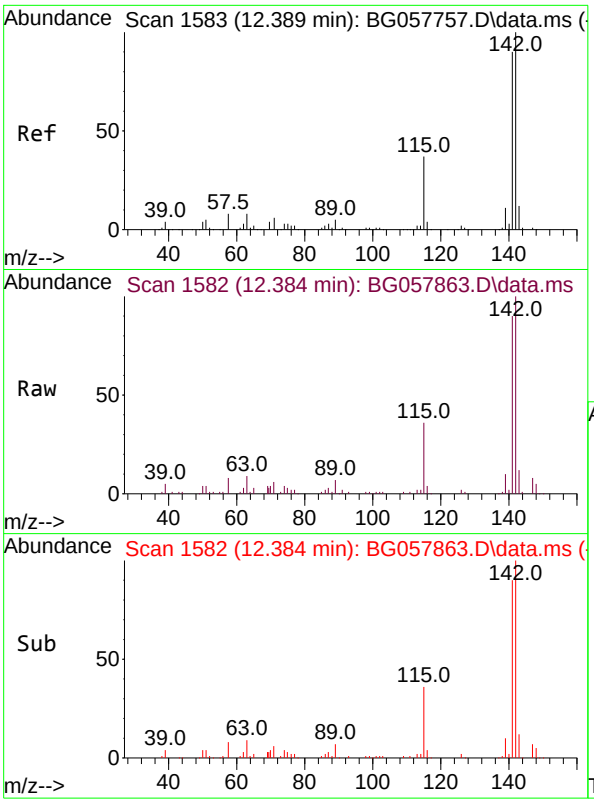


#31
Naphthalene
Concen: 70.404 ng
RT: 10.780 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:128 Resp: 807771

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.8	10.7	16.1



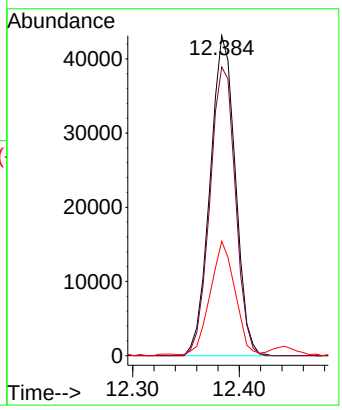


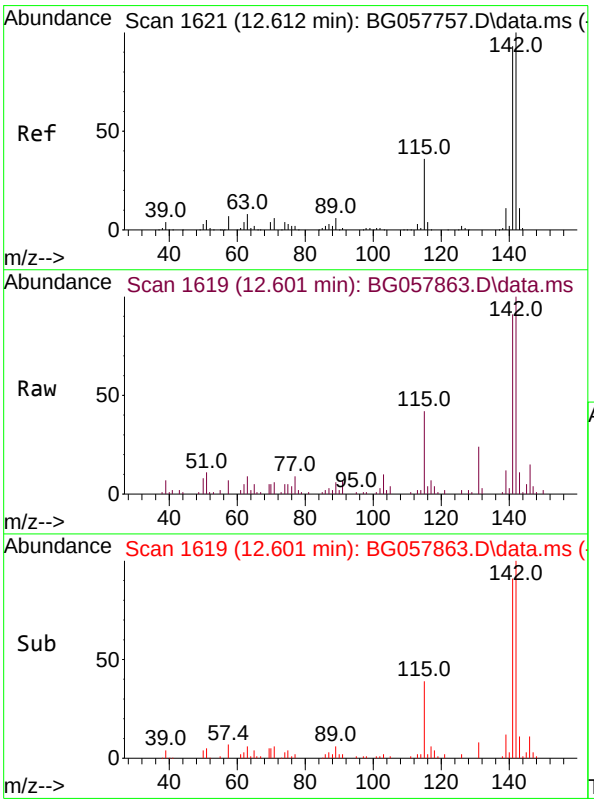
#37
2-Methylnaphthalene
Concen: 8.474 ng
RT: 12.384 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:142 Resp: 70865

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.1	108.1
115	35.7	29.7	44.5

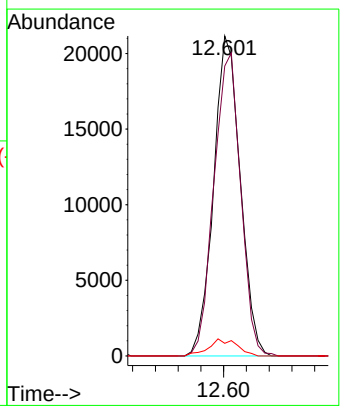


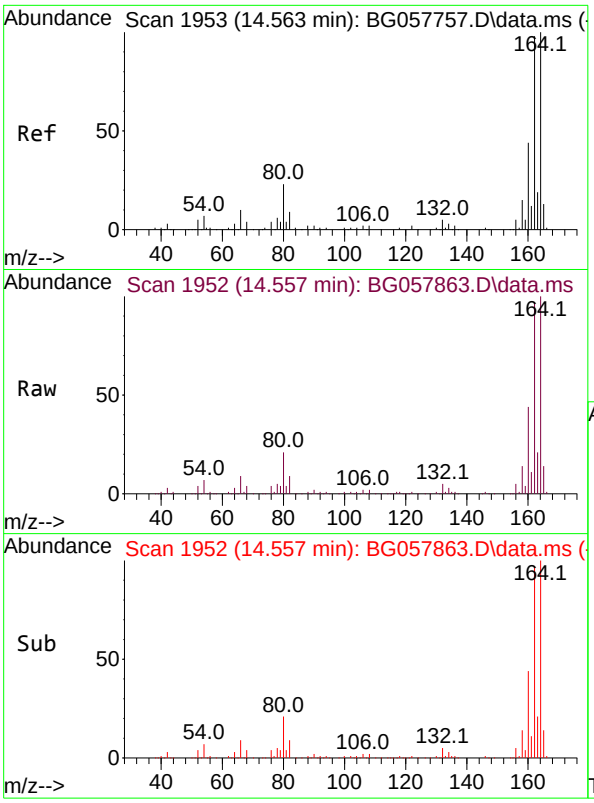


#38
1-Methylnaphthalene
Concen: 4.370 ng
RT: 12.601 min Scan# 1619
Delta R.T. -0.011 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:142 Resp: 34495

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	4.0	3.1	4.7



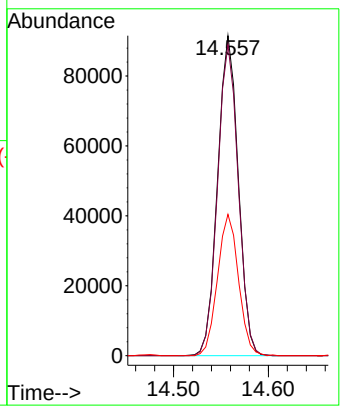


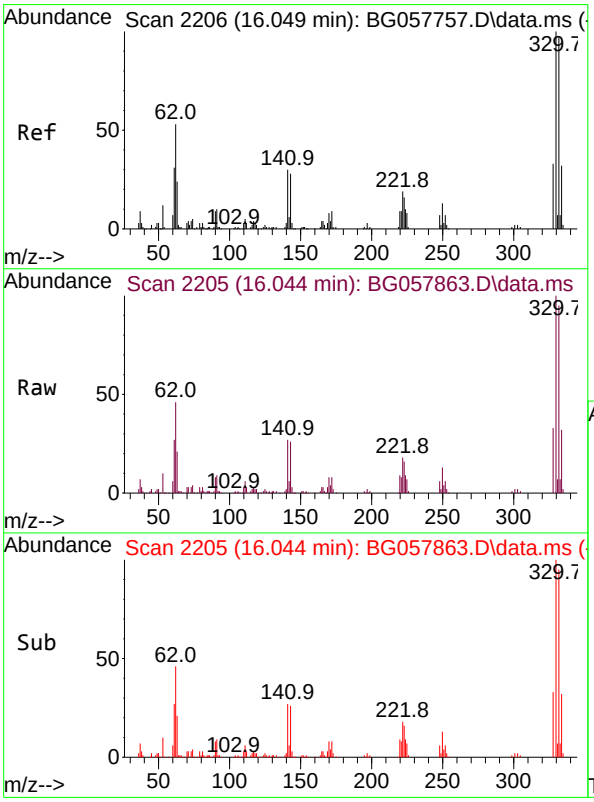
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:164 Resp: 138629

Ion	Ratio	Lower	Upper
164	100		
162	97.2	78.3	117.5
160	44.2	35.4	53.0

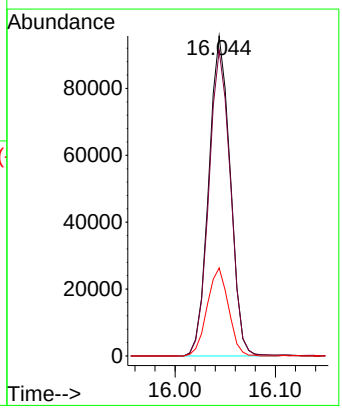


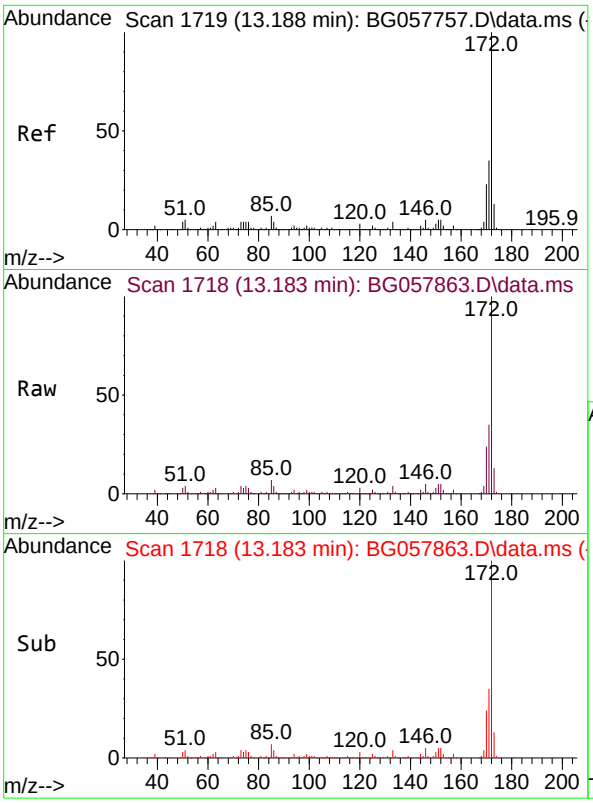


#42
2,4,6-Tribromophenol
Concen: 73.585 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:330 Resp: 142099

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	27.3	24.7	37.1



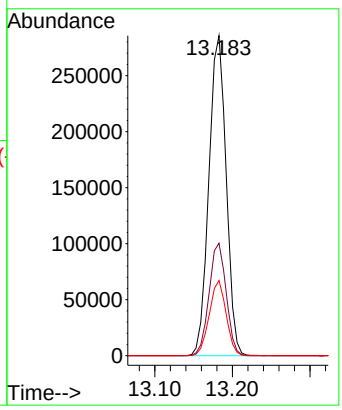


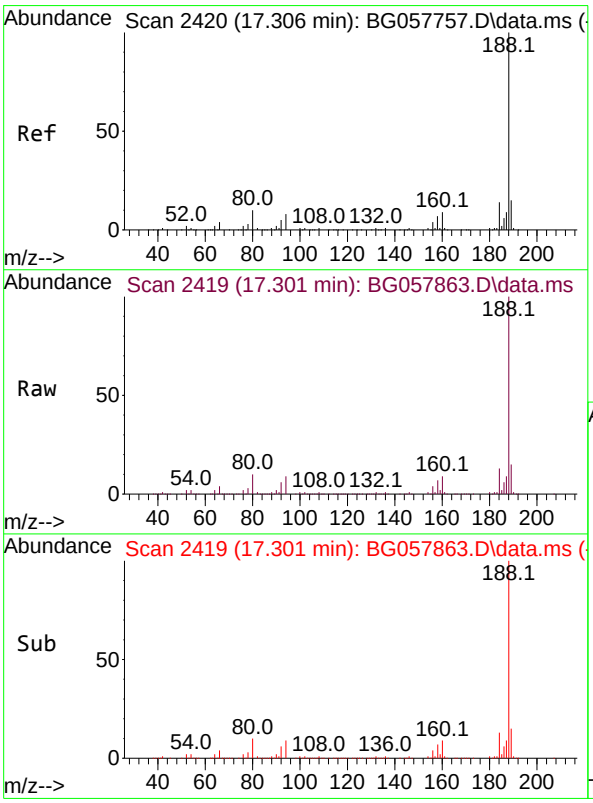
#45
2-Fluorobiphenyl
Concen: 48.351 ng
RT: 13.183 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:172 Resp: 441924

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.5	18.6	27.8

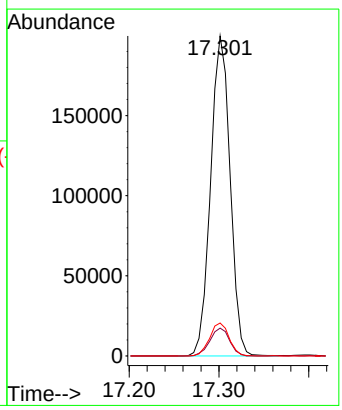


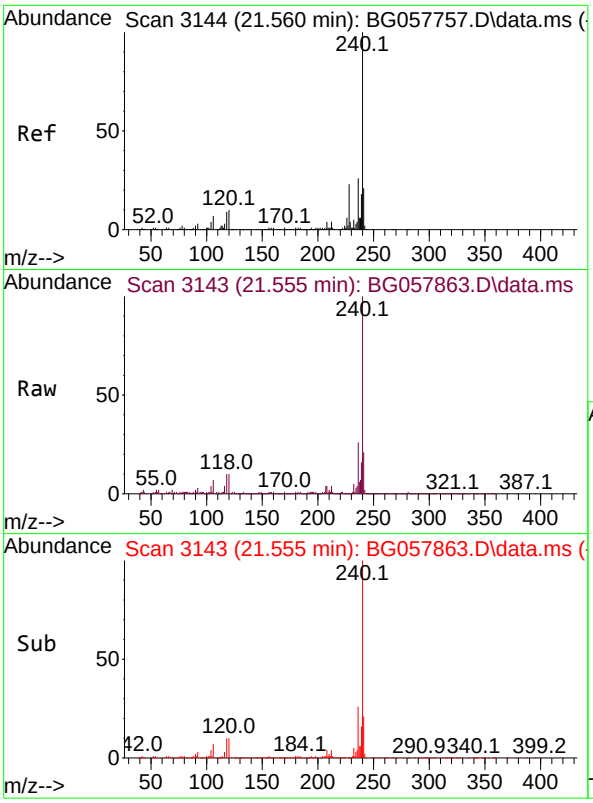


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:188 Resp: 300741

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	9.8
80	10.3	7.6	11.4



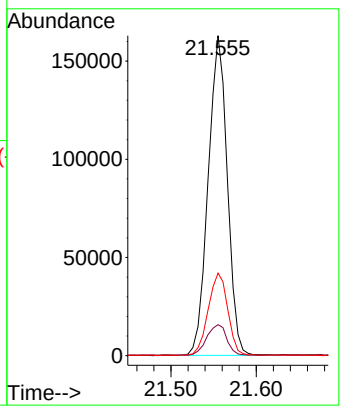


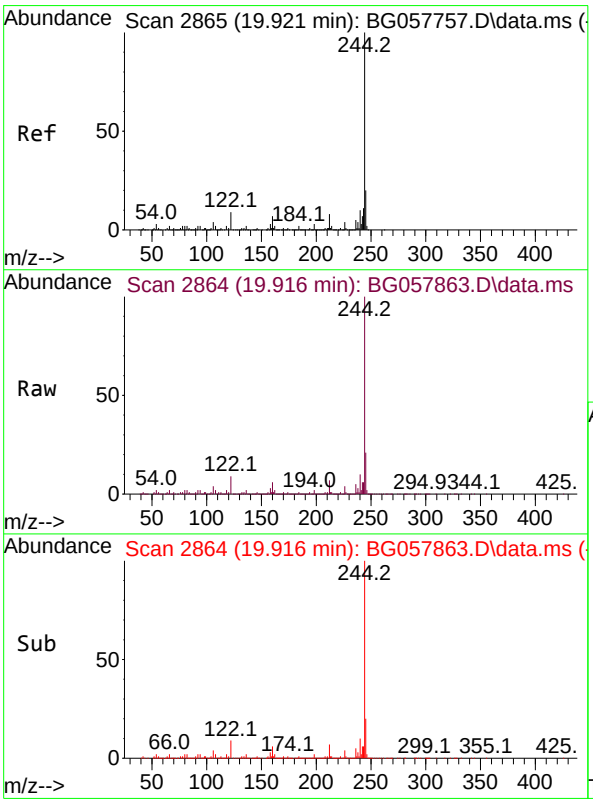
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:240 Resp: 254062

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	25.8	20.6	30.8

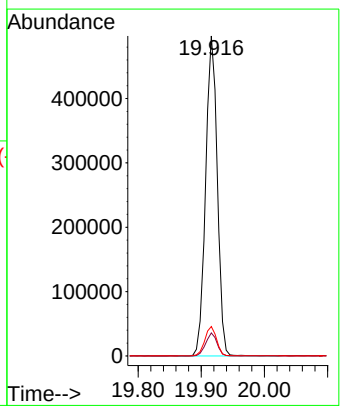


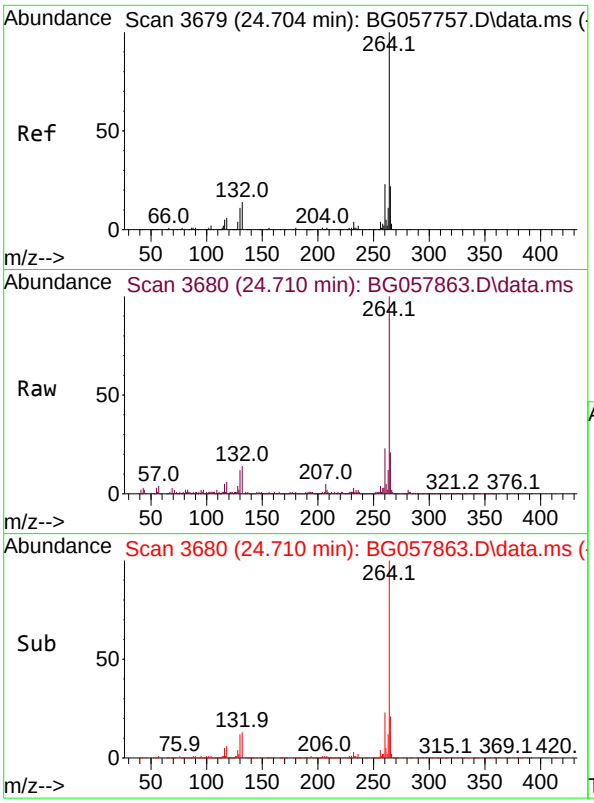


#79
Terphenyl-d14
Concen: 46.685 ng
RT: 19.916 min Scan# 2864
Delta R.T. -0.005 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Tgt Ion:244 Resp: 636081

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	9.2	7.6	11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.710 min Scan# 3
Delta R.T. 0.007 min
Lab File: BG057863.D
Acq: 24 Jun 2023 5:46

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:264 Resp: 311592

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.3	17.4	26.2