Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053668.D
Acq On : 23 May 2022 17:29
Operator : CG/JU
Sample : N2968-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-28

Quant Time: May 24 05:09:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	32378	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	127476	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	96785	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	220998	20.000	ng	0.00
76) Chrysene-d12	21.712	240	212138	20.000	ng	0.00
86) Perylene-d12	24.972	264	210673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	119853	62.822	ng	0.00
7) Phenol-d6	7.232	99	112186	38.746	ng	0.00
23) Nitrobenzene-d5	9.223	82	280755	93.753	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	192655	134.963	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	637732	96.286	ng	0.00
79) Terphenyl-d14	20.038	244	996554	87.493	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.170	117	2205	2.446	ng	# 1
22) Acetophenone	8.865	105	8465	2.426	ng	# 55
32) Benzoic acid	10.374	122	73	8.540	ng	# 28
51) 2,6-Dinitrotoluene	14.686	165	13442	8.971	ng	# 20
57) 2,4-Dinitrotoluene	14.686	165	13442	6.189	ng	# 25
67) 4-Bromophenyl-phenylether	16.178	248	13116	5.082	ng	# 1
77) Benzidine	20.038	184	17565	3.842	ng	# 88

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

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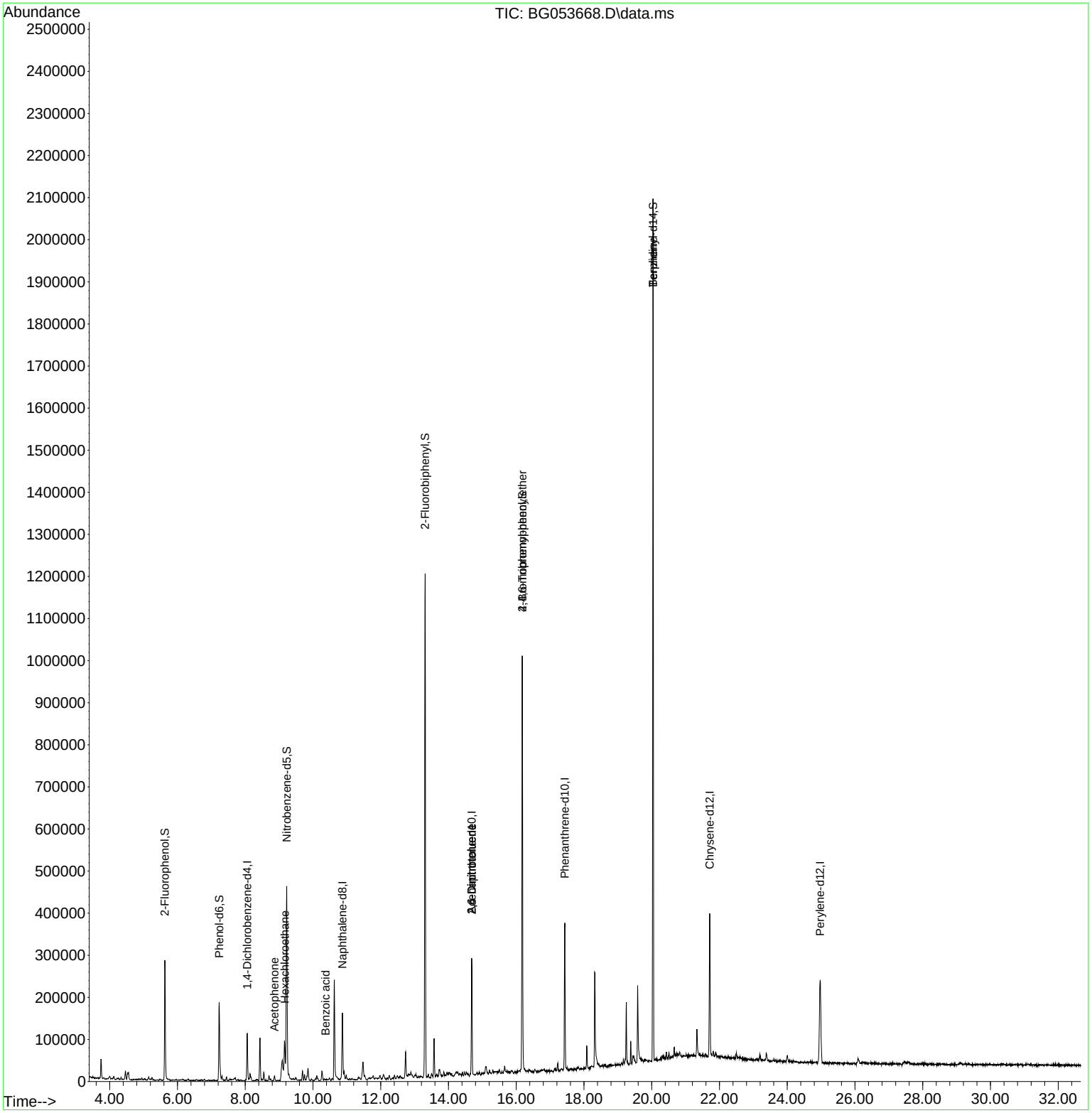
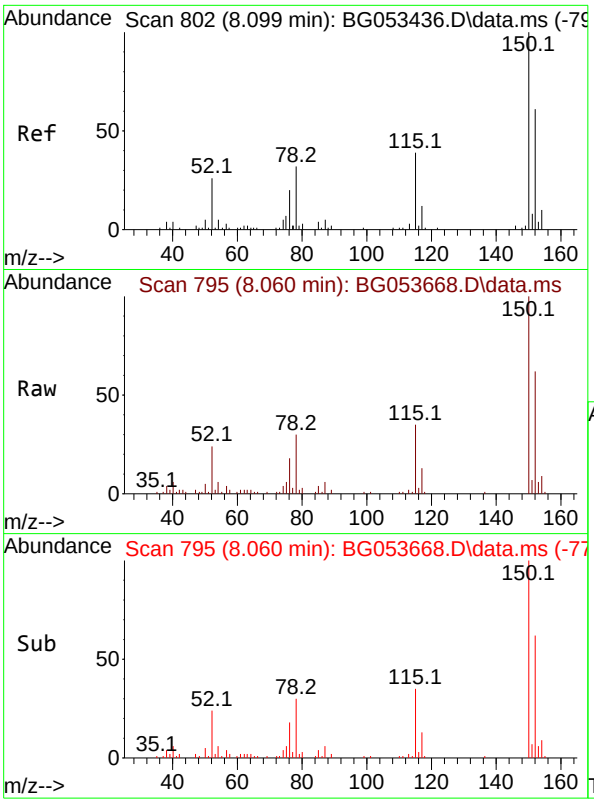


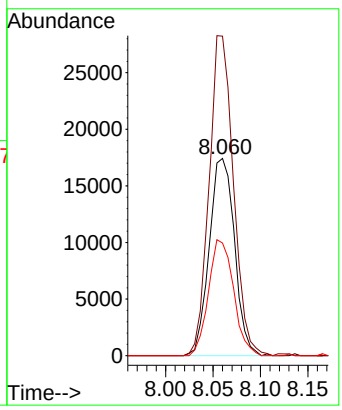


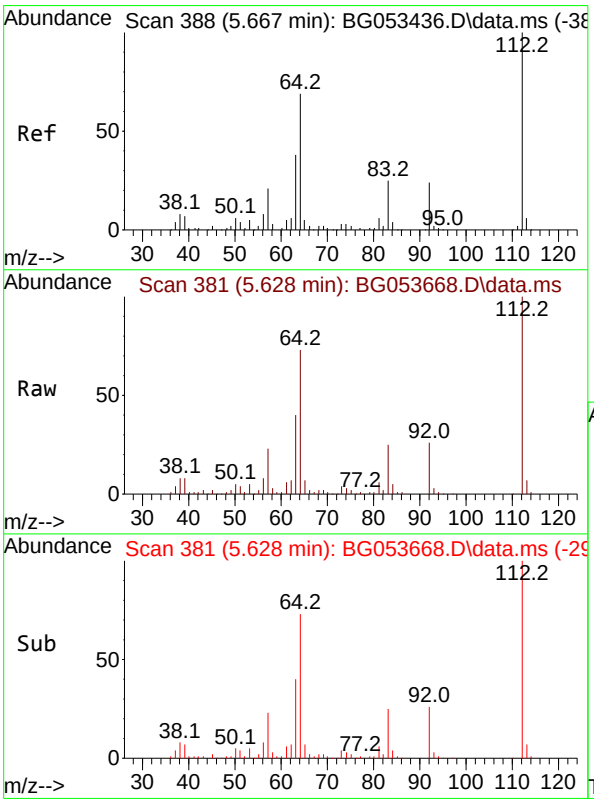
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 32378

Ion	Ratio	Lower	Upper
152	100		
150	162.0	131.6	197.4
115	57.1	50.9	76.3

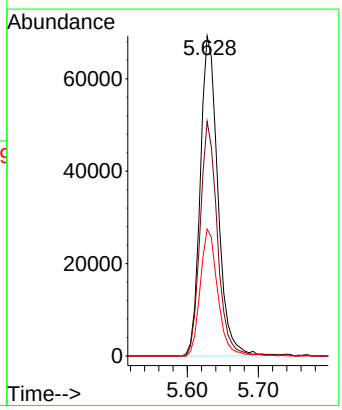


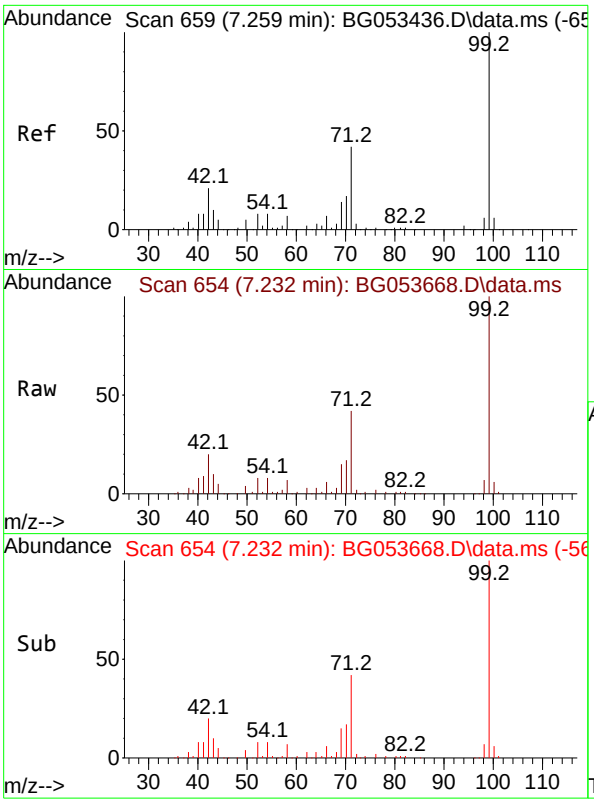


#5
2-Fluorophenol
Concen: 62.822 ng
RT: 5.628 min Scan# 381
Delta R.T. 0.002 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:112 Resp: 119853

Ion	Ratio	Lower	Upper
112	100		
64	73.3	55.1	82.7
63	39.7	30.4	45.6



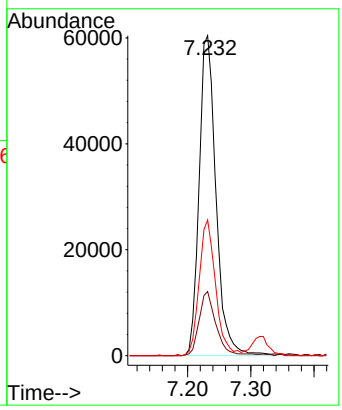


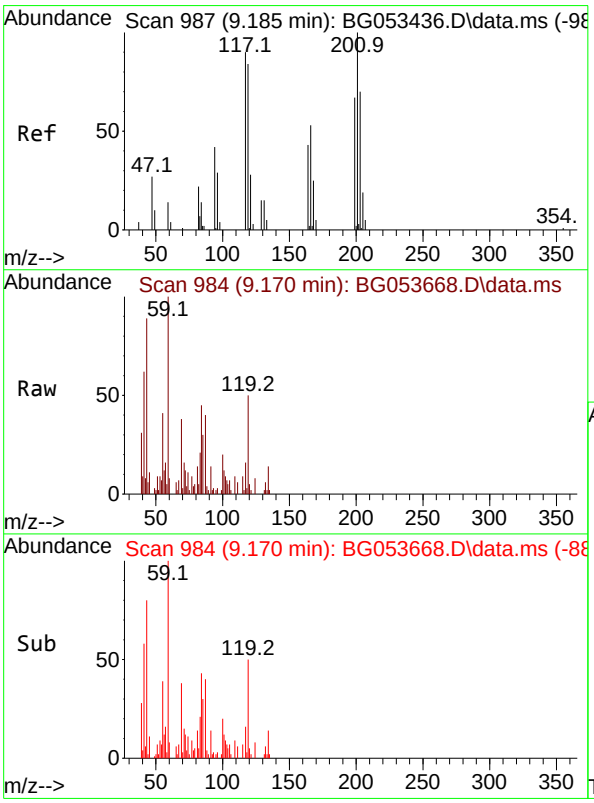
#7
Phenol-d6
Concen: 38.746 ng
RT: 7.232 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion: 99 Resp: 112186

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	42.5	33.8	50.8

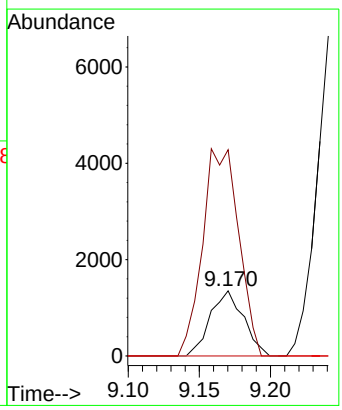


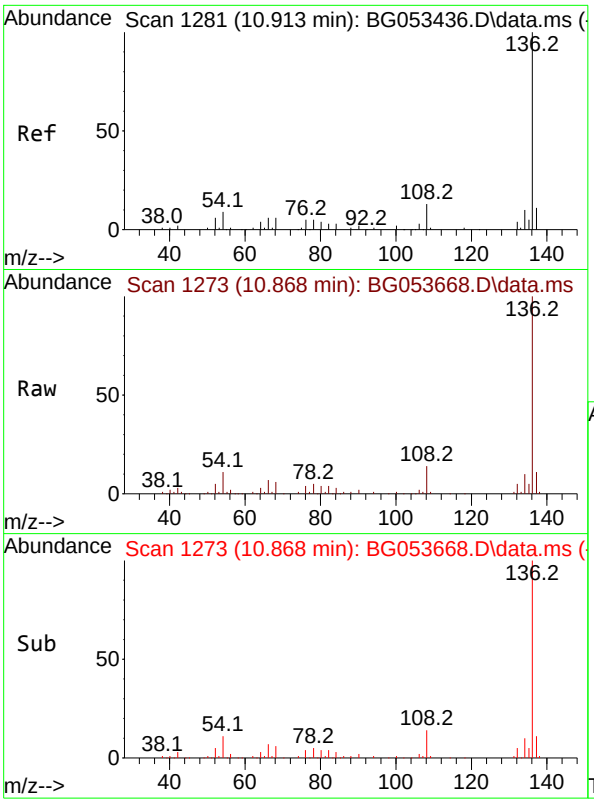


#18
Hexachloroethane
Concen: 2.446 ng
RT: 9.170 min Scan# 984
Delta R.T. 0.026 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:117 Resp: 2205

Ion	Ratio	Lower	Upper
117	100		
119	316.8	75.0	112.6#
201	0.0	89.0	133.6#



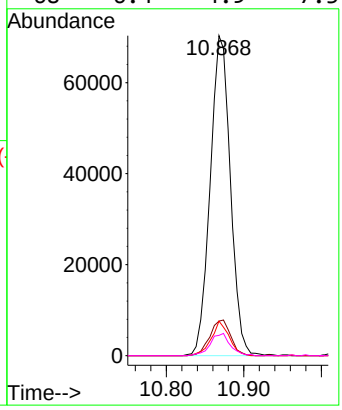


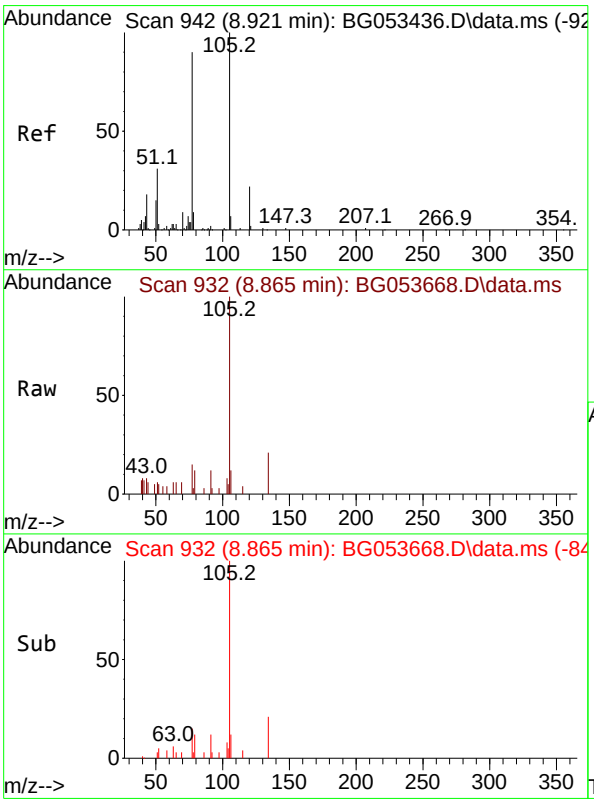
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:136 Resp: 127476

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.8	7.4	11.2
68	6.4	4.9	7.3

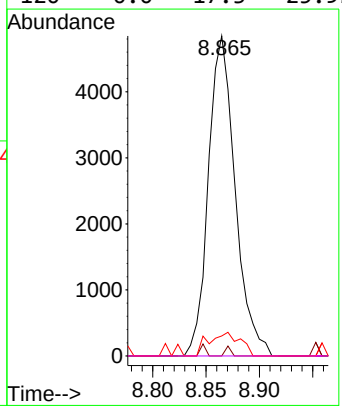


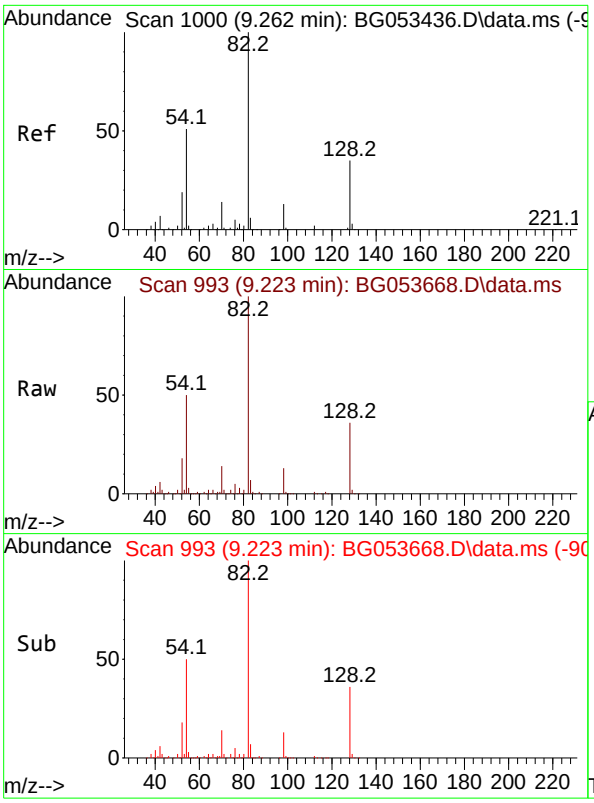


#22
Acetophenone
Concen: 2.426 ng
RT: 8.865 min Scan# 932
Delta R.T. -0.015 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:105 Resp: 8465

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	6.3	25.4	38.0#
120	0.0	17.3	25.9#



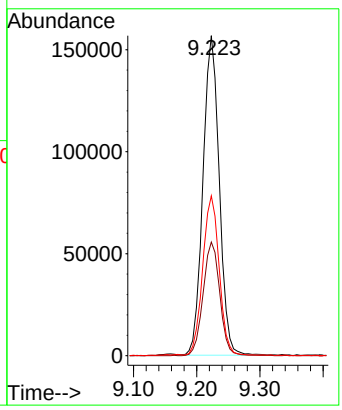


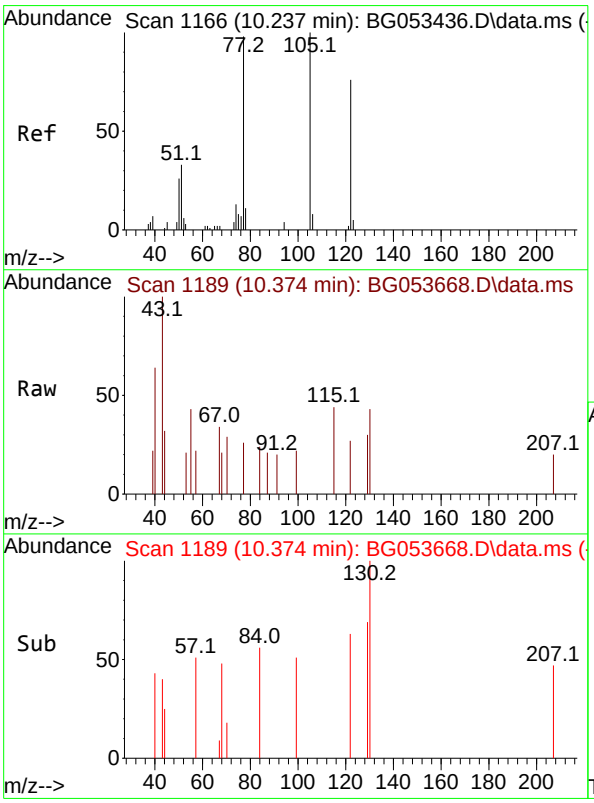
#23
Nitrobenzene-d5
Concen: 93.753 ng
RT: 9.223 min Scan# 9
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion: 82 Resp: 280755

Ion	Ratio	Lower	Upper
82	100		
128	35.5	27.9	41.9
54	50.0	41.2	61.8

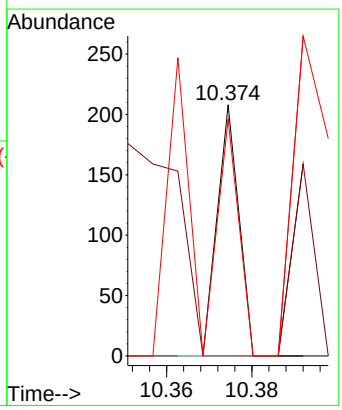


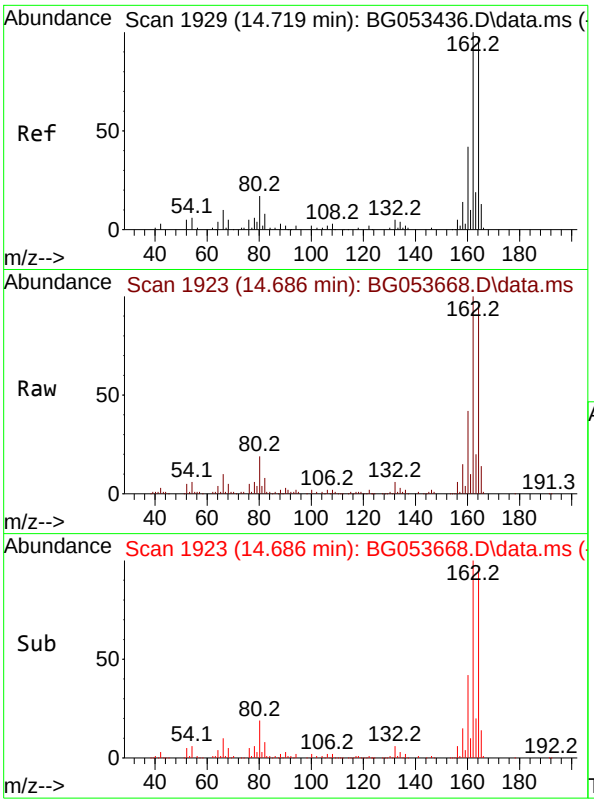


#32
Benzoic acid
Concen: 8.540 ng
RT: 10.374 min Scan# 1189
Delta R.T. 0.149 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	0.0	111.8	151.8#
77	94.2	109.4	149.4#



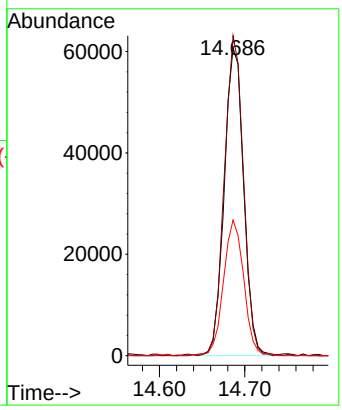


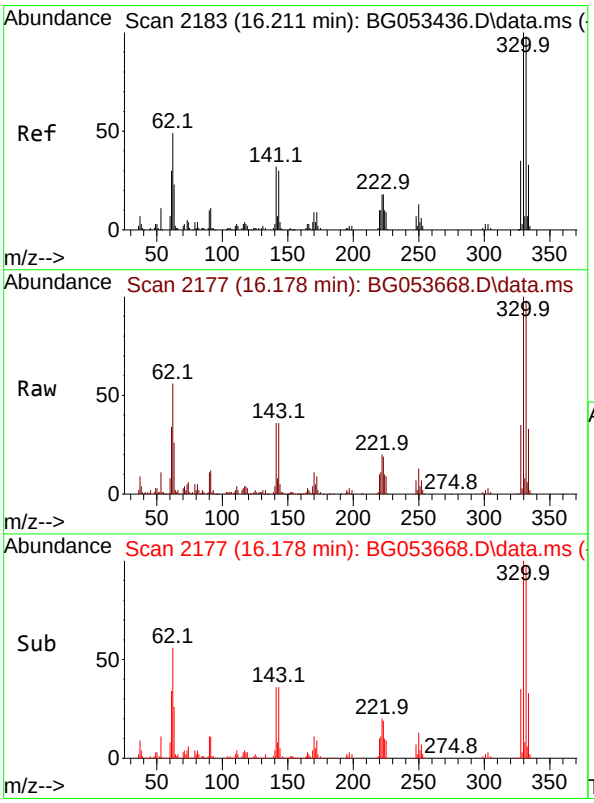
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:164 Resp: 96785

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.3	123.5
160	44.1	34.2	51.2

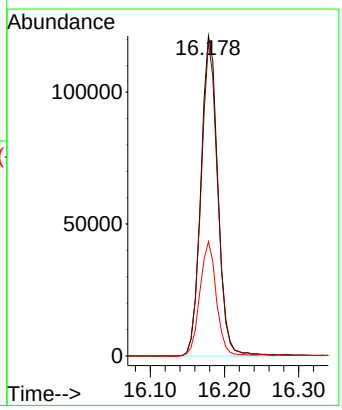


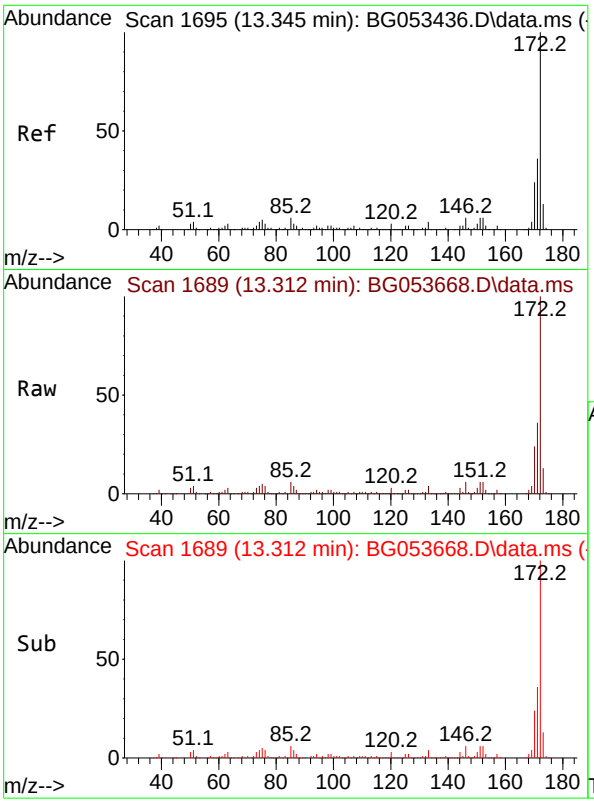


#42
2,4,6-Tribromophenol
Concen: 134.963 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:330 Resp: 192655

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	34.7	27.1	40.7



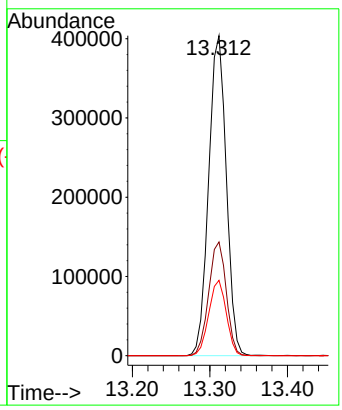


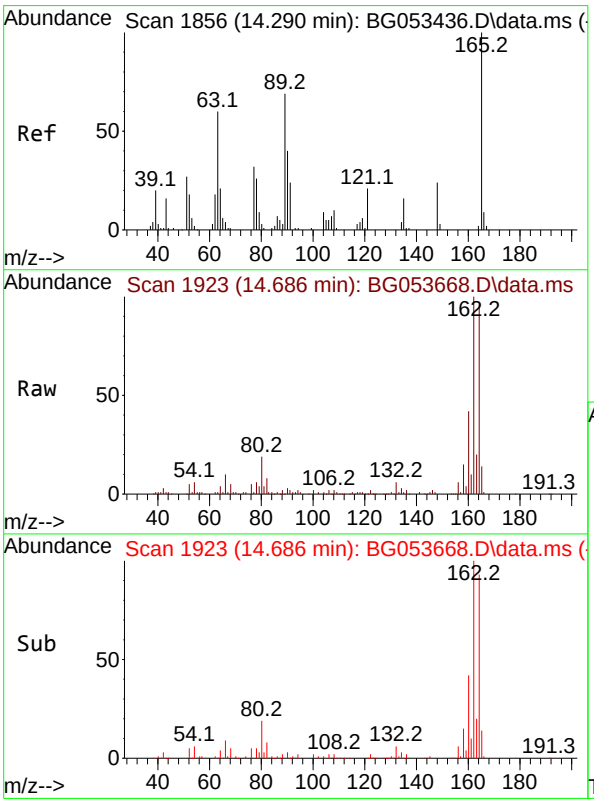
#45
2-Fluorobiphenyl
Concen: 96.286 ng
RT: 13.312 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:172 Resp: 637732

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.6	18.9	28.3

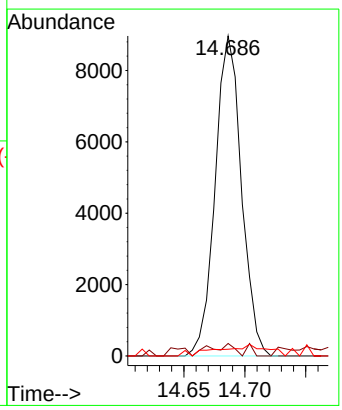


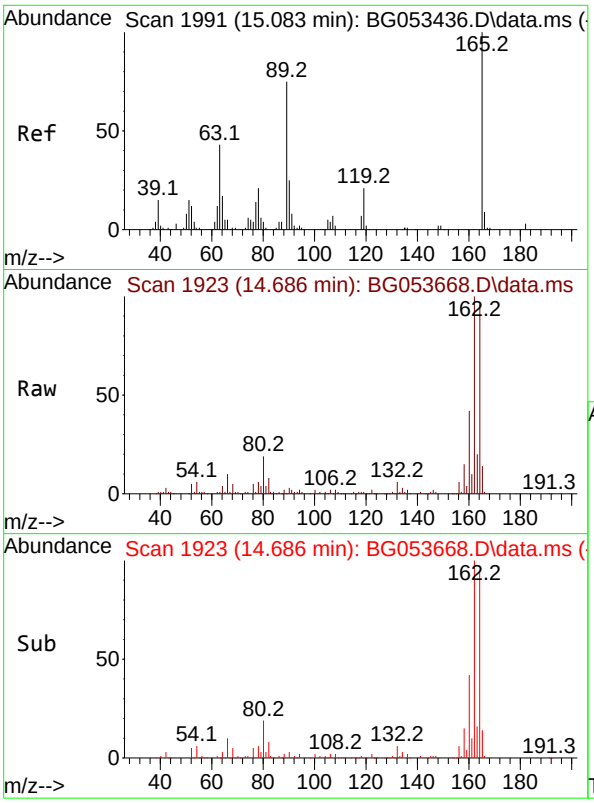


#51
2,6-Dinitrotoluene
Concen: 8.971 ng
RT: 14.686 min Scan# 1923
Delta R.T. 0.425 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:165 Resp: 13442

Ion	Ratio	Lower	Upper
165	100		
63	3.9	54.1	81.1#
89	2.1	54.8	82.2#



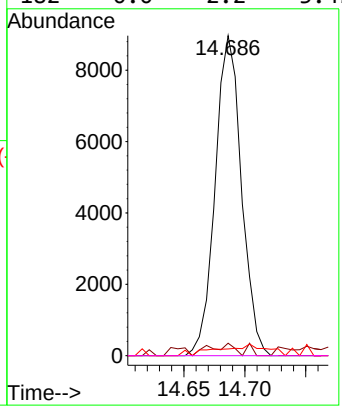


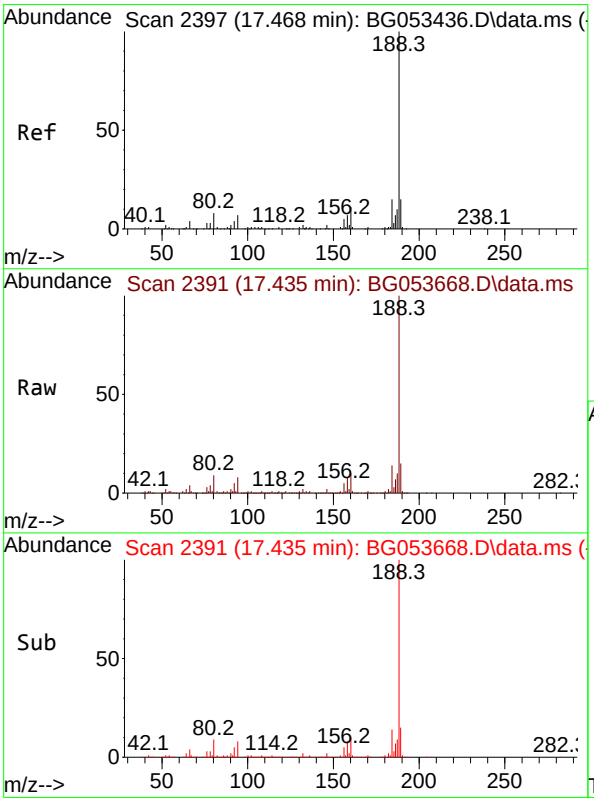
#57
2,4-Dinitrotoluene
Concen: 6.189 ng
RT: 14.686 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:165 Resp: 13442

Ion	Ratio	Lower	Upper
165	100		
63	3.9	34.6	52.0#
89	2.1	60.3	90.5#
182	0.0	2.2	3.4#

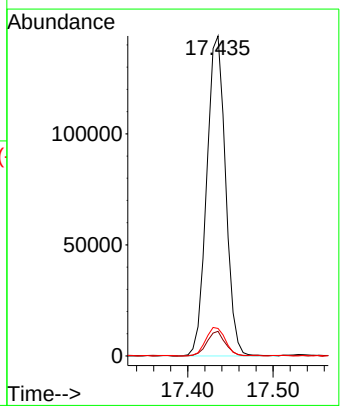


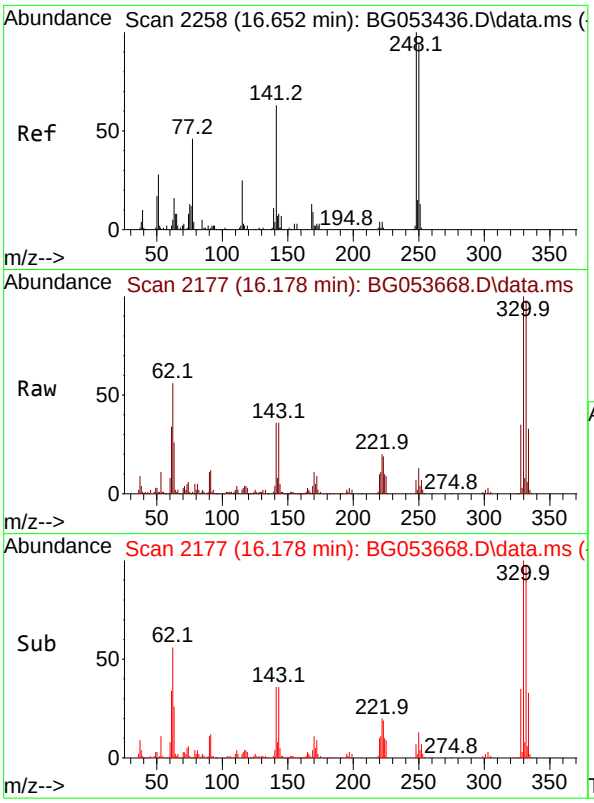


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 2391
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:188 Resp: 220998

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.4	8.0
80	8.6	6.8	10.2



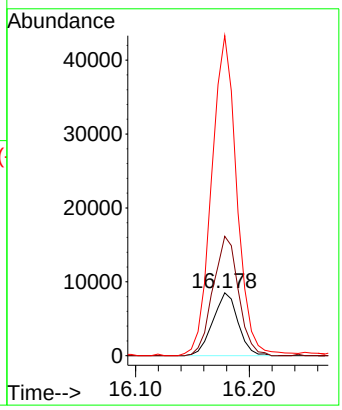


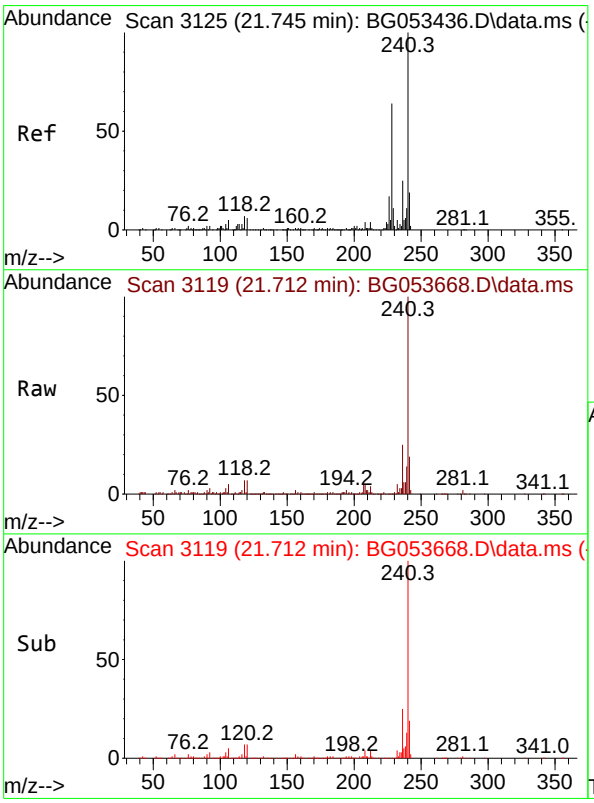
#67
4-Bromophenyl-phenylether
Concen: 5.082 ng
RT: 16.178 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:248 Resp: 13116

Ion	Ratio	Lower	Upper
248	100		
250	189.7	75.2	112.8#
141	508.5	50.0	75.0#

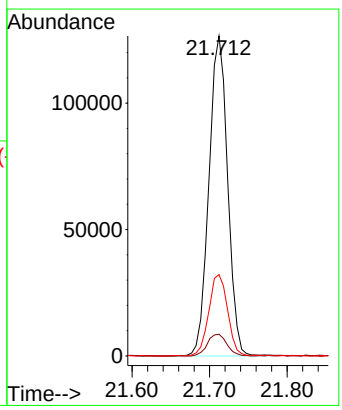


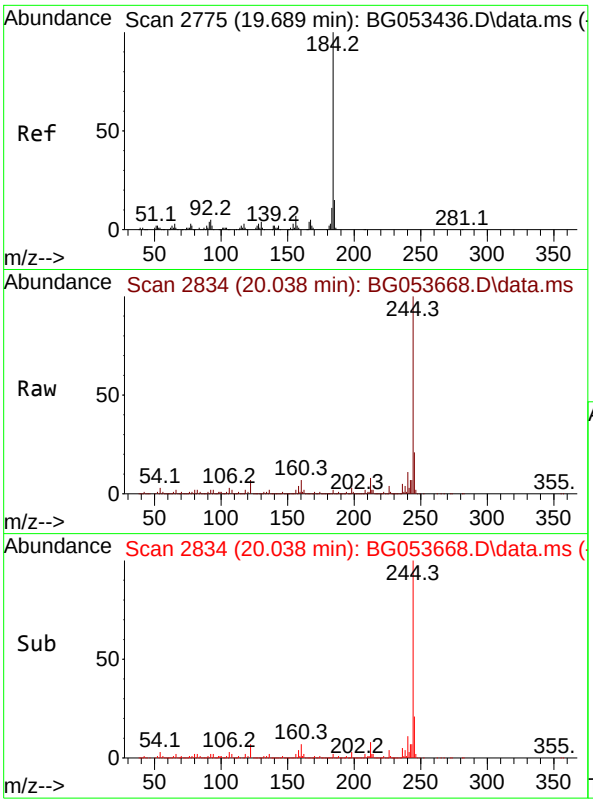


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:240 Resp: 212138

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.6	7.0
236	25.5	20.2	30.4



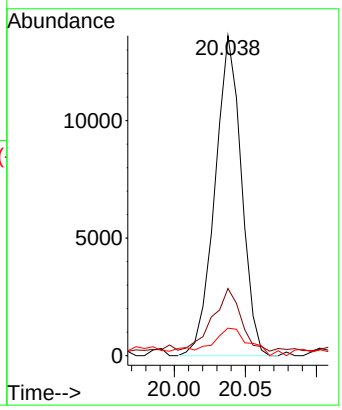


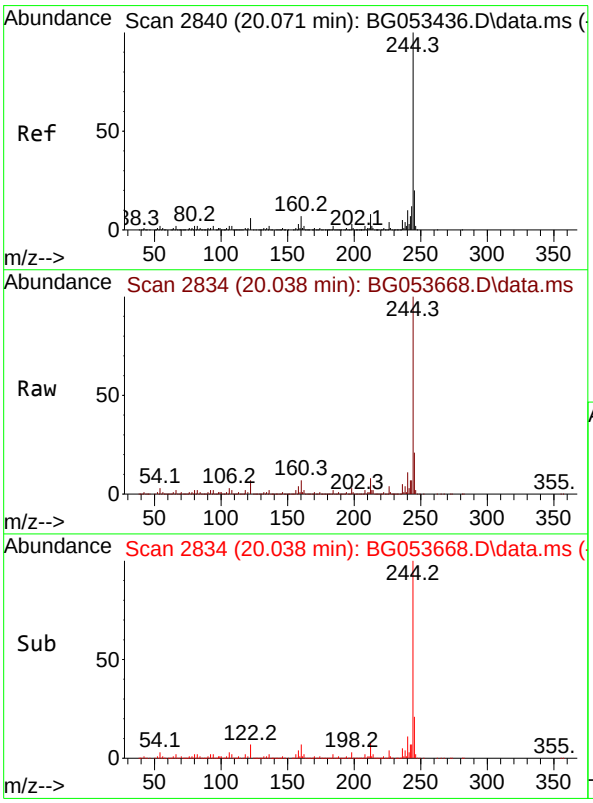
#77
Benzidine
Concen: 3.842 ng
RT: 20.038 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:184 Resp: 17565

Ion	Ratio	Lower	Upper
184	100		
185	21.0	11.8	17.6#
183	8.6	8.9	13.3#

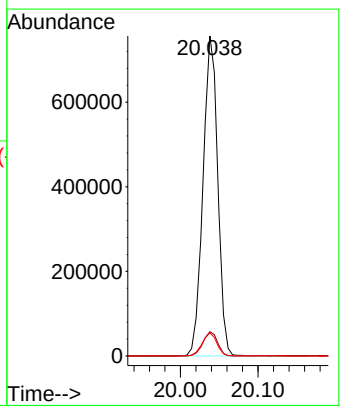


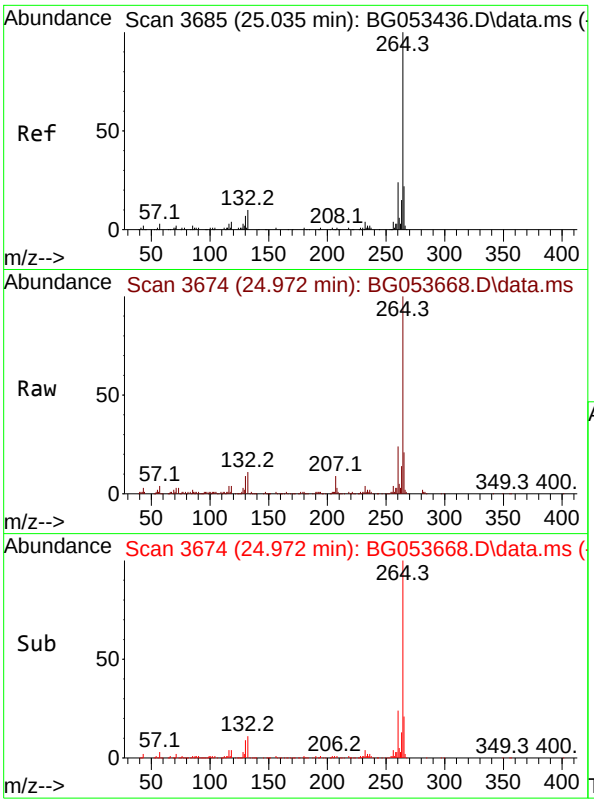


#79
Terphenyl-d14
Concen: 87.493 ng
RT: 20.038 min Scan# 2834
Delta R.T. -0.004 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Tgt Ion:244 Resp: 996554

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	7.3	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.972 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG053668.D
Acq: 23 May 2022 17:29

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:264 Resp: 210673

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.0	17.4	26.2