Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Time: Dec 19 04:39:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	68463	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	260507	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	221345	20.000	ng	# 0.00
64) Phenanthrene-d10	17.342	188	618221	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	650753	20.000	ng	# 0.00
86) Perylene-d12	24.810	264	749676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	205682	51.429	ng	0.00
7) Phenol-d6	7.113	99	178813	31.785	ng	0.00
23) Nitrobenzene-d5	9.122	82	497543	86.725	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	752950	145.967	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1555415	86.005	ng	0.00
79) Terphenyl-d14	19.968	244	3398402	95.343	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.107	77	111084	32.474	ng	# 1
15) Benzyl Alcohol	8.076	79	126082	27.885	ng	# 10
18) Hexachloroethane	9.069	117	331787	207.685	ng	# 1
19) n-Nitroso-di-n-propyla...	9.122	70	72534	19.984	ng	# 79
22) Acetophenone	8.764	105	371734	48.967	ng	# 57
24) Nitrobenzene	9.146	77	59834	10.273	ng	# 13
31) Naphthalene	10.814	128	584528	43.102	ng	# 94
33) 4-Chloroaniline	10.873	127	10517	2.038	ng	# 1
37) 2-Methylnaphthalene	12.636	142	319976	30.083	ng	95
38) 1-Methylnaphthalene	12.636	142	319976	30.454	ng	95
67) 4-Bromophenyl-phenylether	16.085	248	44354	5.085	ng	# 1
69) Atrazine	16.790	200	167	Below Cal		# 1
77) Benzidine	19.968	184	56152	6.718	ng	# 96

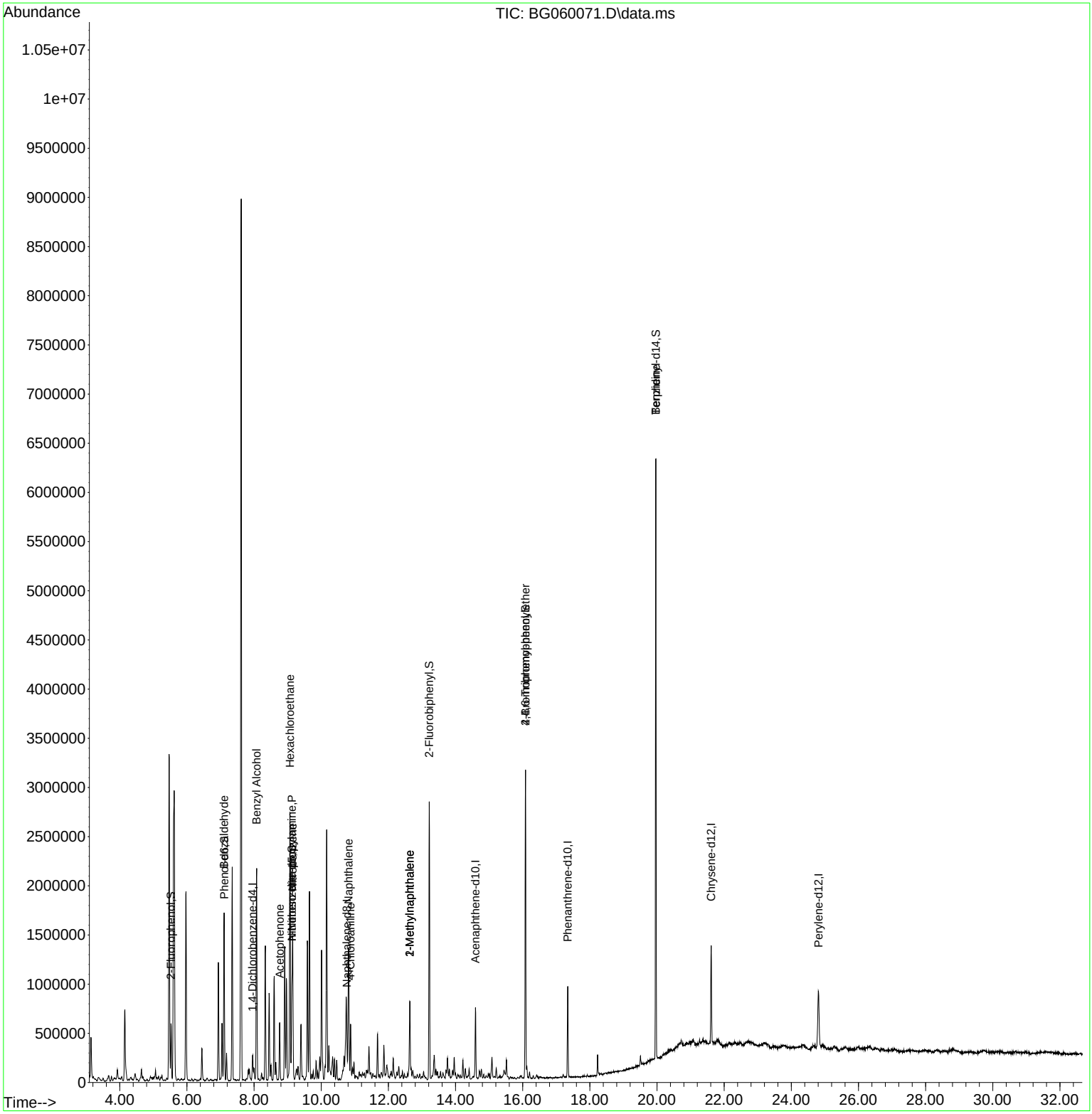
(#) = qualifier out of range (m) = manual integration (+) = signals summed

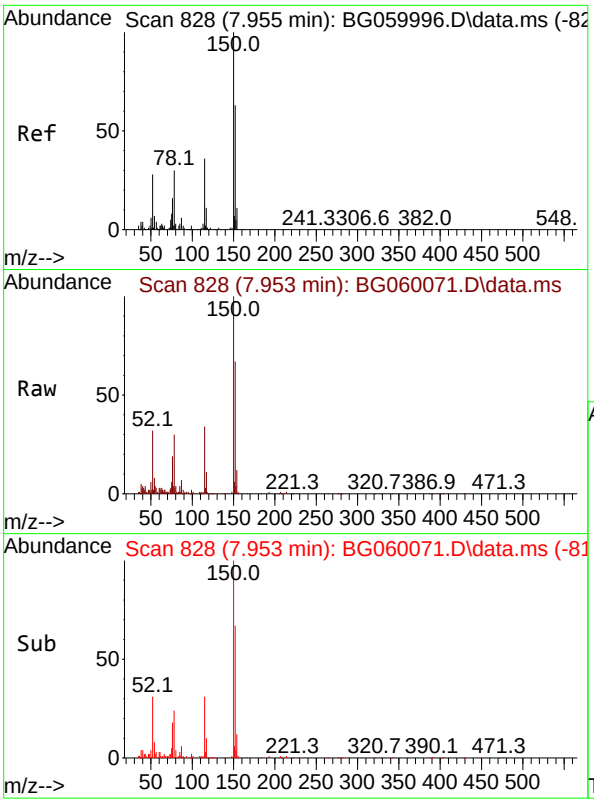
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Time: Dec 19 04:39:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration



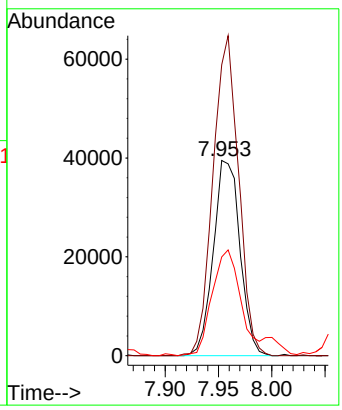


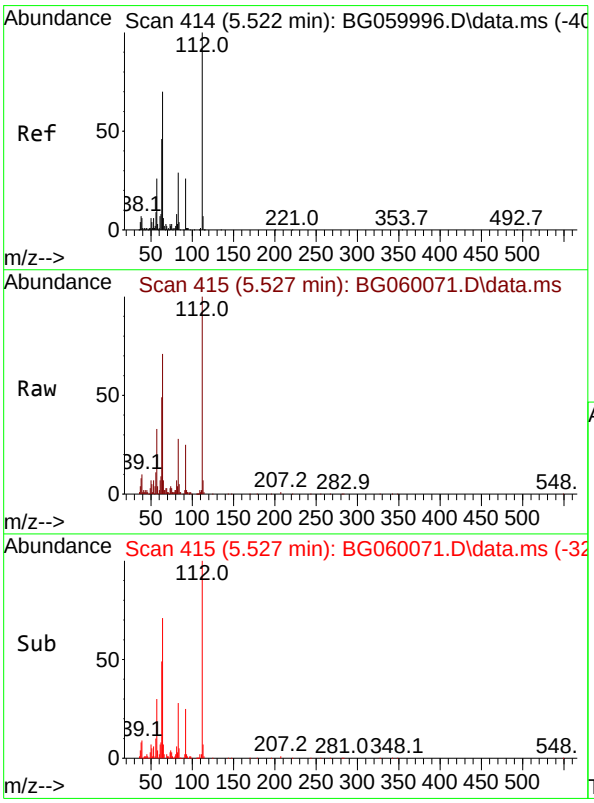
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:152 Resp: 68463

Ion	Ratio	Lower	Upper
152	100		
150	149.0	127.0	190.6
115	50.6	45.7	68.5

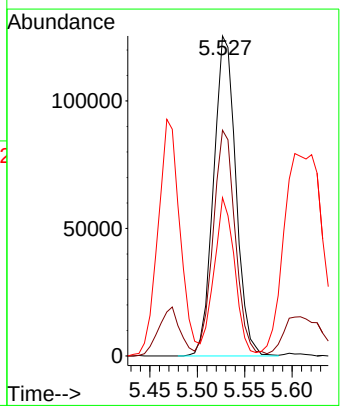


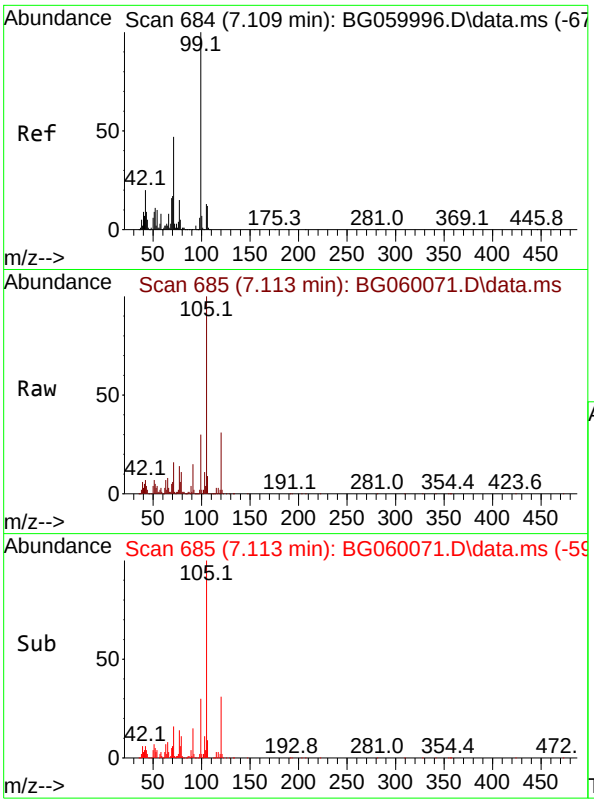


#5
2-Fluorophenol
Concen: 51.429 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:112 Resp: 205682

Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.9	83.9
63	49.4	36.5	54.7



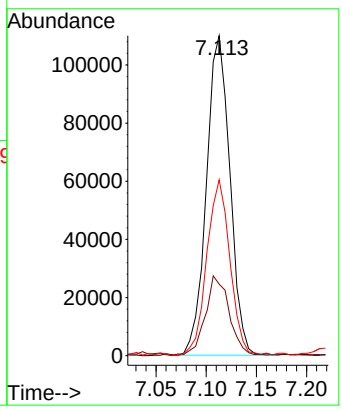


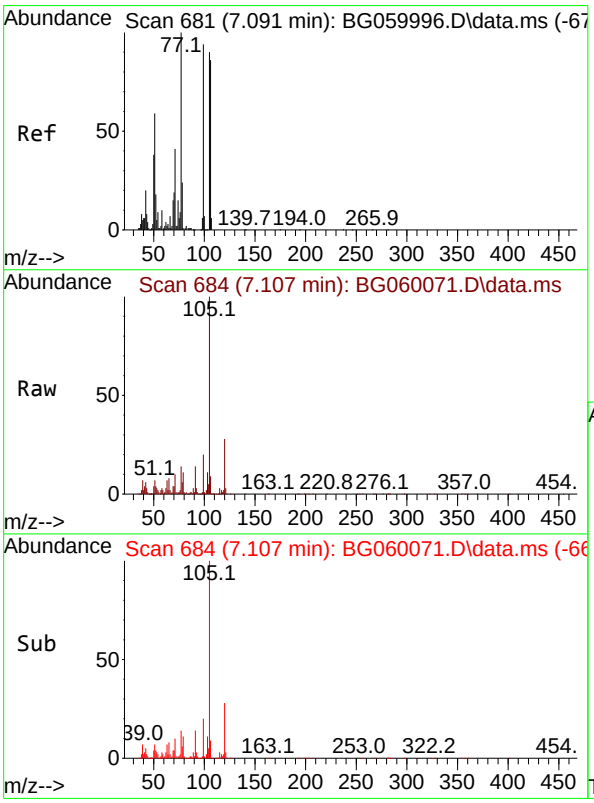
#7
Phenol-d6
Concen: 31.785 ng
RT: 7.113 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion: 99 Resp: 178813

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.2	24.4
71	54.9	37.6	56.4

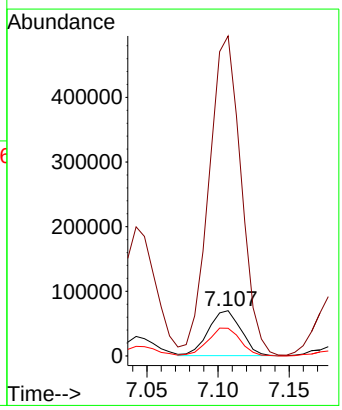


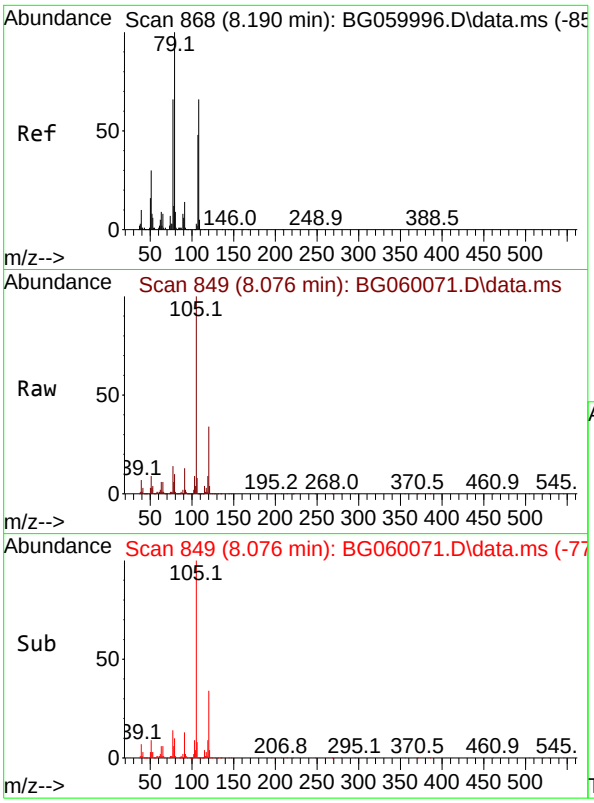


#9
Benzaldehyde
Concen: 32.474 ng
RT: 7.107 min Scan# 684
Delta R.T. 0.012 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion: 77 Resp: 111084

Ion	Ratio	Lower	Upper
77	100		
105	707.8	70.5	110.5#
106	61.3	66.0	106.0#



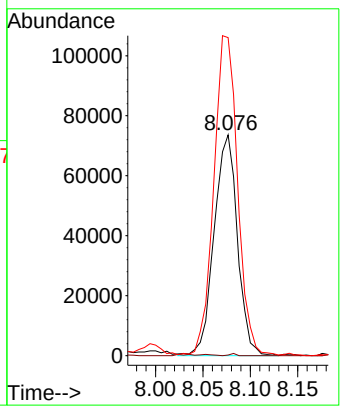


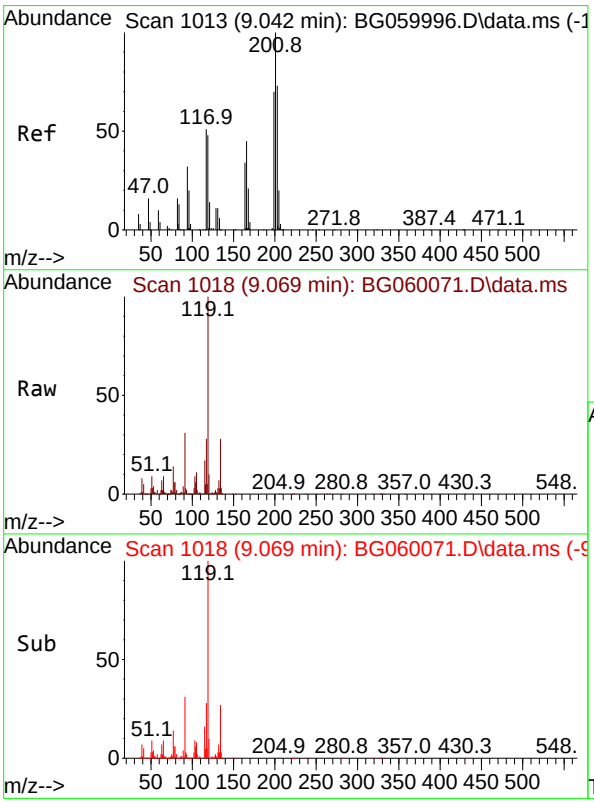
#15
Benzyl Alcohol
Concen: 27.885 ng
RT: 8.076 min Scan# 84
Delta R.T. -0.117 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion: 79 Resp: 126082

Ion	Ratio	Lower	Upper
79	100		
108	0.6	53.1	79.7#
77	144.1	52.8	79.2#

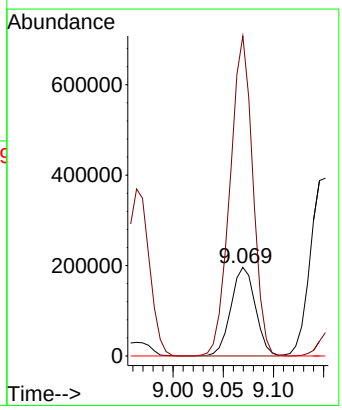


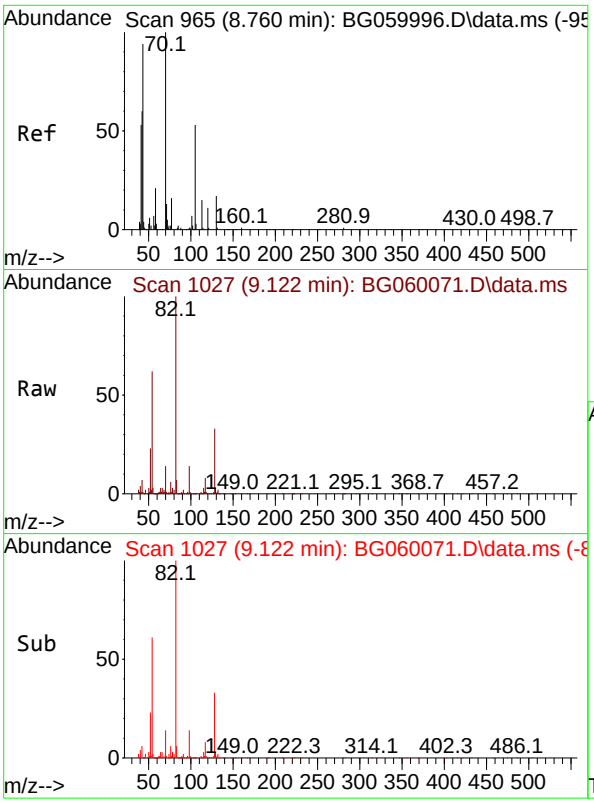


#18
Hexachloroethane
Concen: 207.685 ng
RT: 9.069 min Scan# 1018
Delta R.T. 0.024 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:117 Resp: 331787

Ion	Ratio	Lower	Upper
117	100		
119	361.1	74.5	111.7#
201	0.0	156.5	234.7#



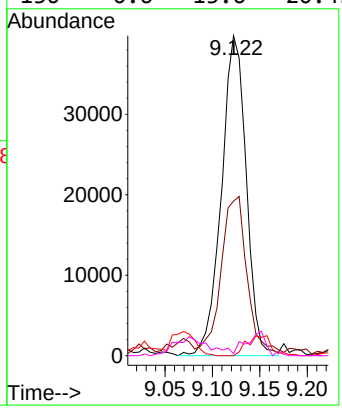


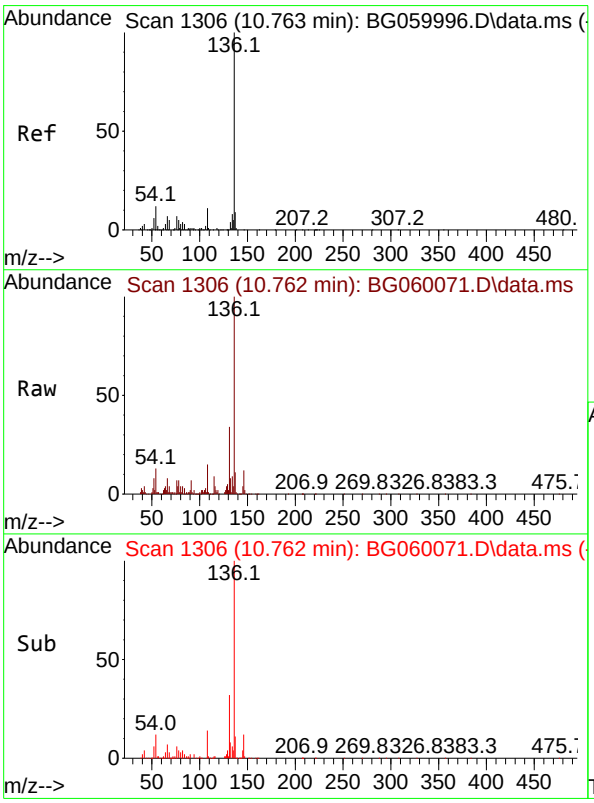
#19
n-Nitroso-di-n-propylamine
Concen: 19.984 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.359 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion: 70 Resp: 72534

Ion	Ratio	Lower	Upper
70	100		
42	48.3	48.6	73.0#
101	0.0	5.7	8.5#
130	0.6	13.6	20.4#

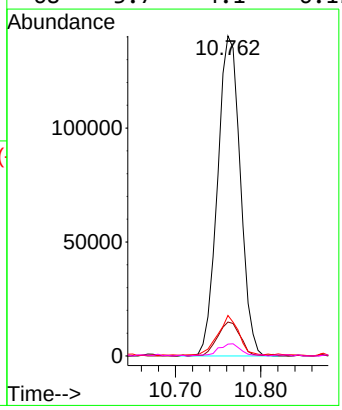


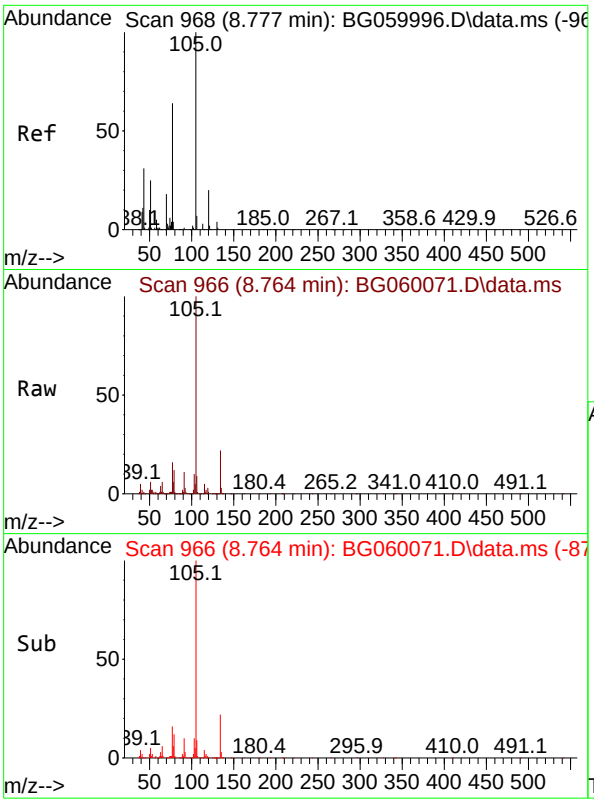


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:136 Resp: 260507

Ion	Ratio	Lower	Upper
136	100		
137	10.6	7.3	10.9
54	12.6	9.6	14.4
68	3.7	4.1	6.1#



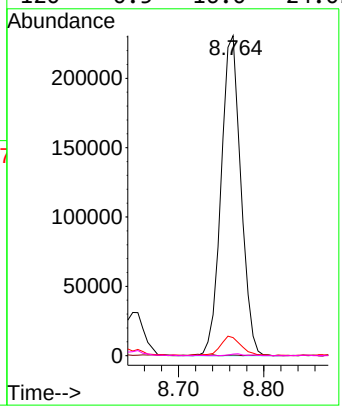


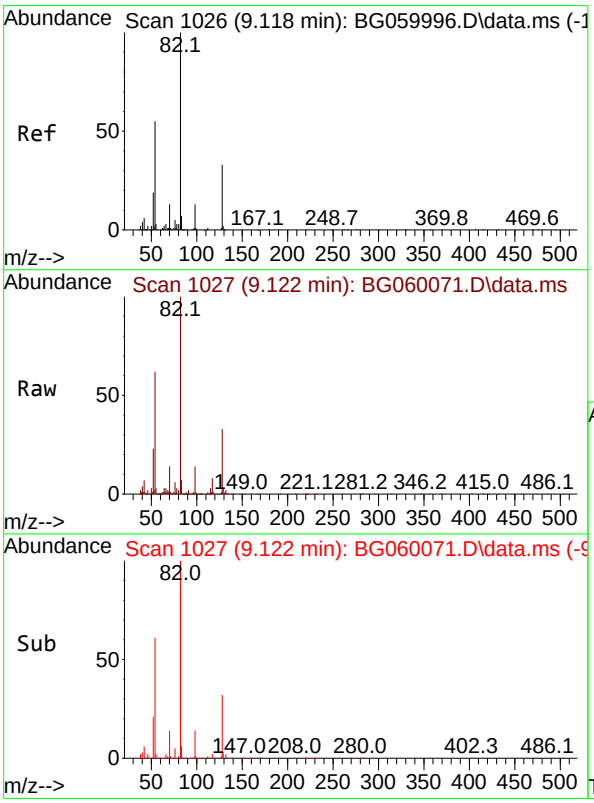
#22
Acetophenone
Concen: 48.967 ng
RT: 8.764 min Scan# 9
Delta R.T. -0.017 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:105 Resp: 371734

Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.1	3.1#
51	5.6	25.4	38.0#
120	0.5	16.0	24.0#

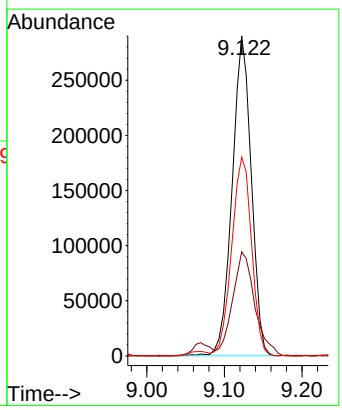


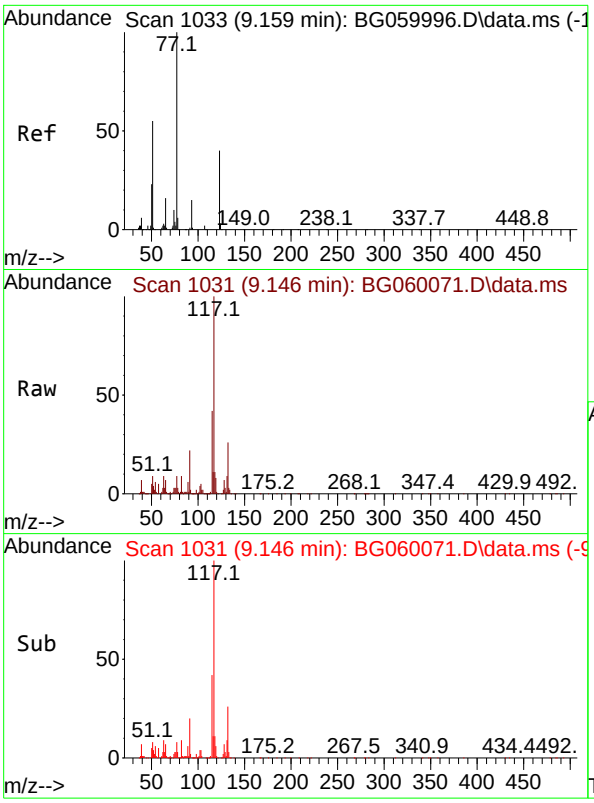


#23
Nitrobenzene-d5
Concen: 86.725 ng
RT: 9.122 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion: 82 Resp: 497543

Ion	Ratio	Lower	Upper
82	100		
128	32.6	26.3	39.5
54	62.1	44.3	66.5



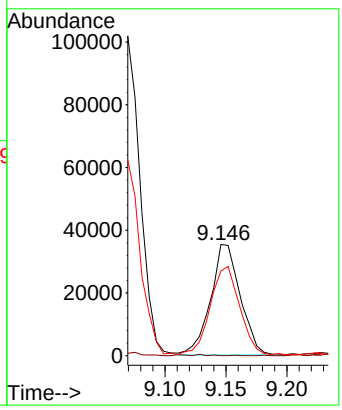


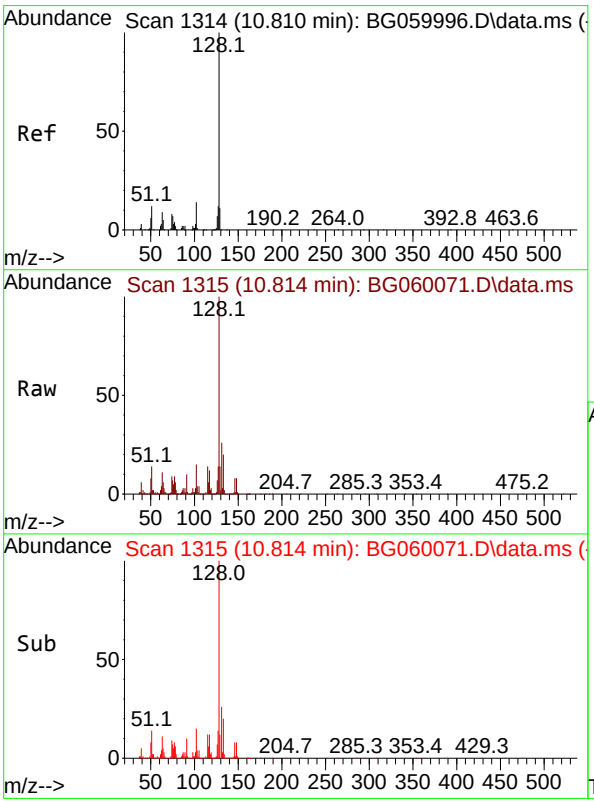
#24
Nitrobenzene
Concen: 10.273 ng
RT: 9.146 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion: 77 Resp: 59834

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.1	48.1#
65	76.1	13.0	19.4#

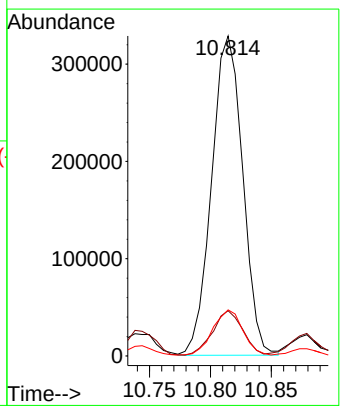


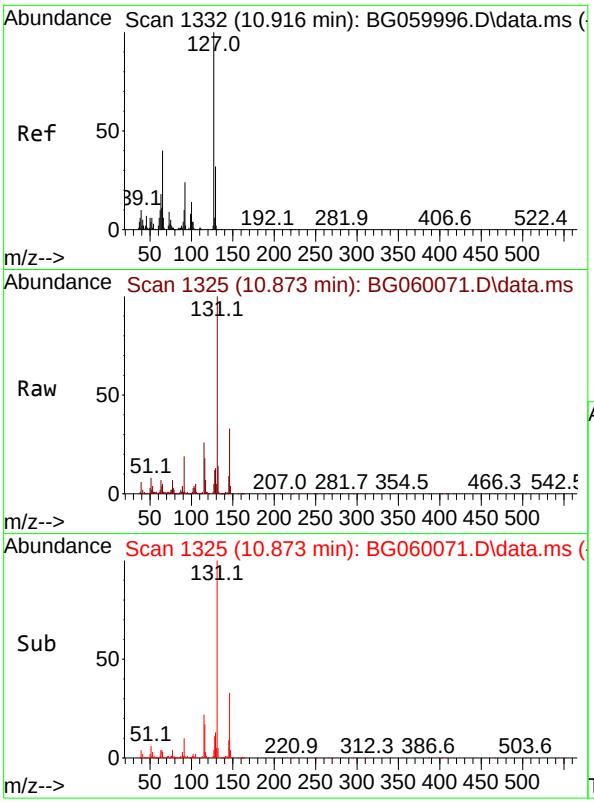


#31
Naphthalene
Concen: 43.102 ng
RT: 10.814 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:128 Resp: 584528

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.2	13.8#
127	14.4	9.7	14.5



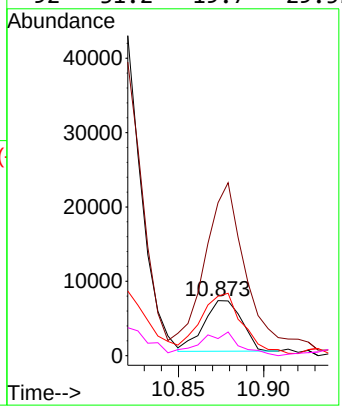


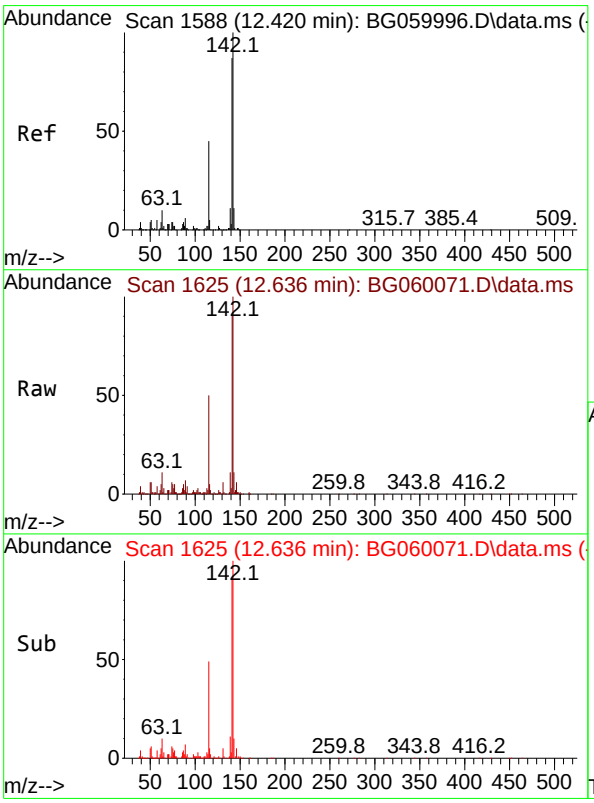
#33
4-Chloroaniline
Concen: 2.038 ng
RT: 10.873 min Scan# 1
Delta R.T. -0.041 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:127 Resp: 10517

Ion	Ratio	Lower	Upper
127	100		
129	277.5	25.7	38.5#
65	108.1	32.3	48.5#
92	31.2	19.7	29.5#

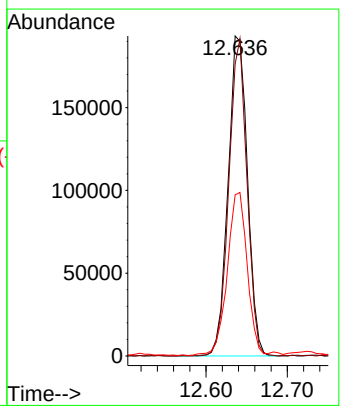


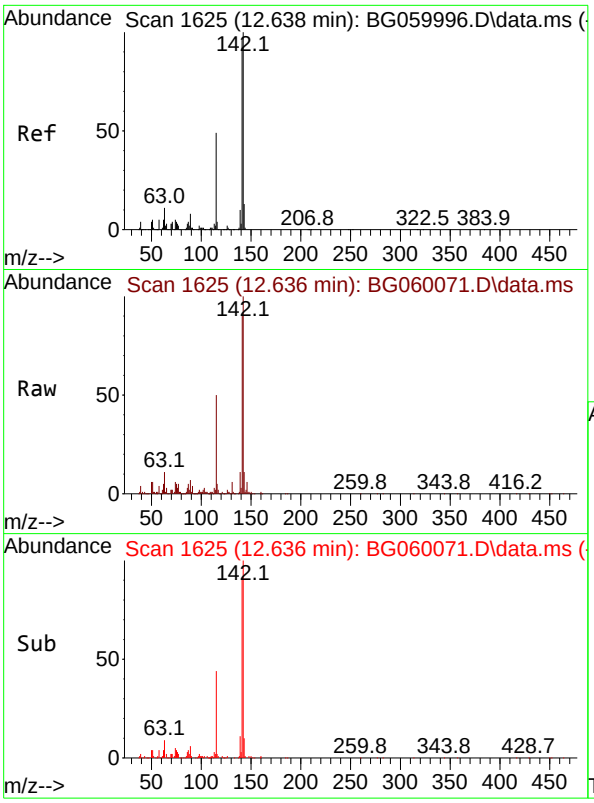


#37
2-Methylnaphthalene
Concen: 30.083 ng
RT: 12.636 min Scan# 1625
Delta R.T. 0.212 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:142 Resp: 319976

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.9	104.9
115	50.4	36.1	54.1



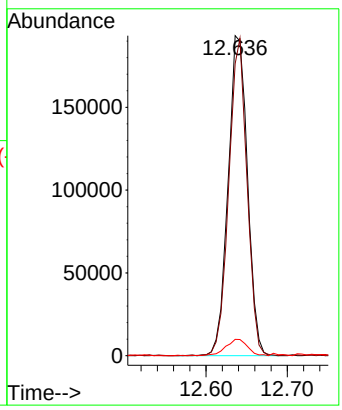


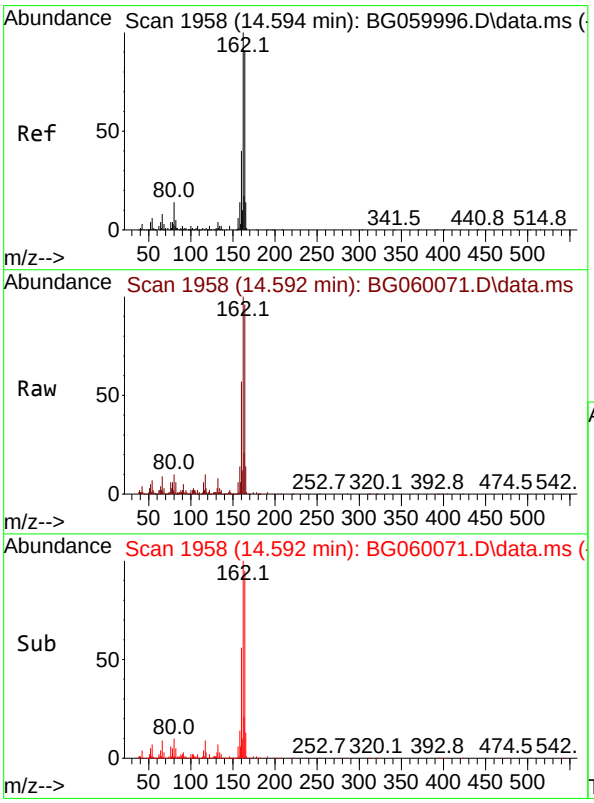
#38
1-Methylnaphthalene
Concen: 30.454 ng
RT: 12.636 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:142 Resp: 319976

Ion	Ratio	Lower	Upper
142	100		
141	91.3	76.9	115.3
116	5.1	3.5	5.3

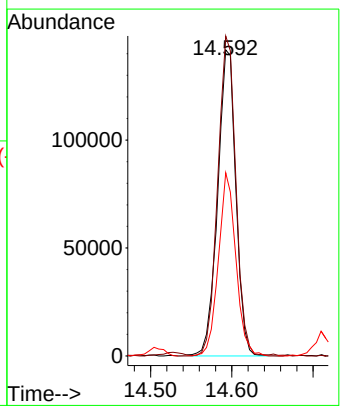


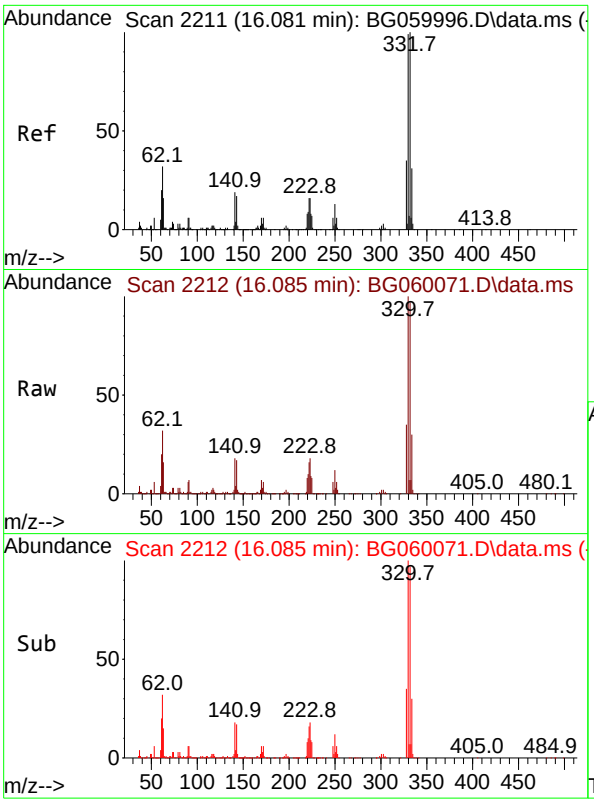


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:164 Resp: 221345

Ion	Ratio	Lower	Upper
164	100		
162	104.6	88.1	132.1
160	59.8	35.4	53.0#



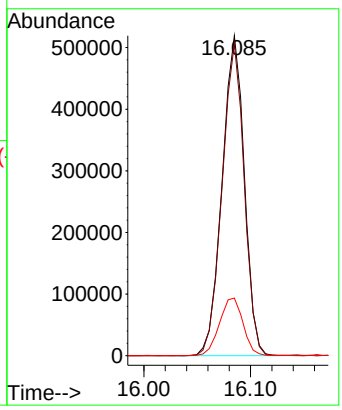


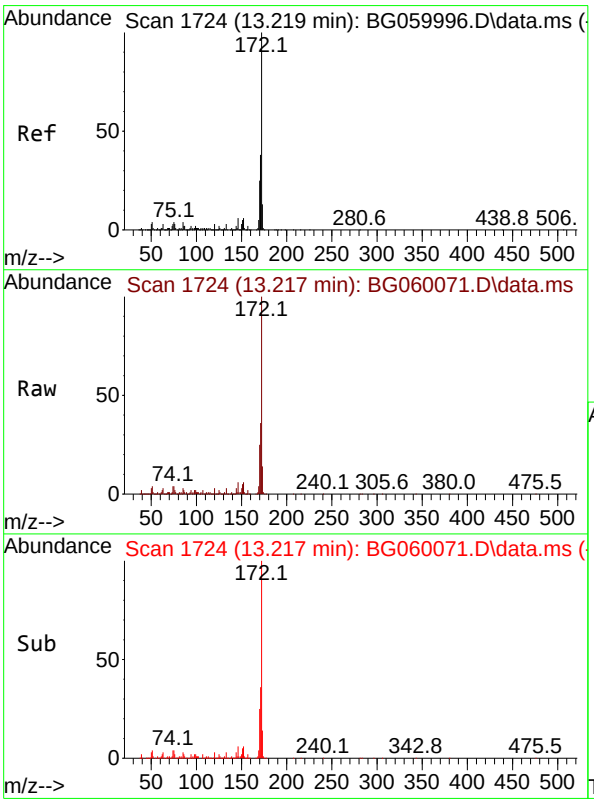
#42
2,4,6-Tribromophenol
Concen: 145.967 ng
RT: 16.085 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:330 Resp: 752950

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	19.2	14.3	21.5

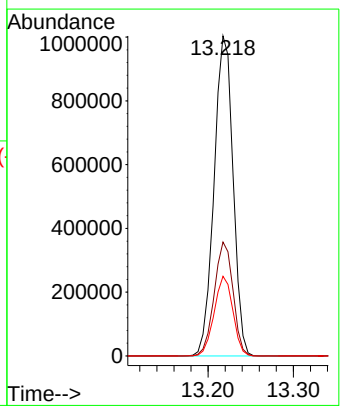


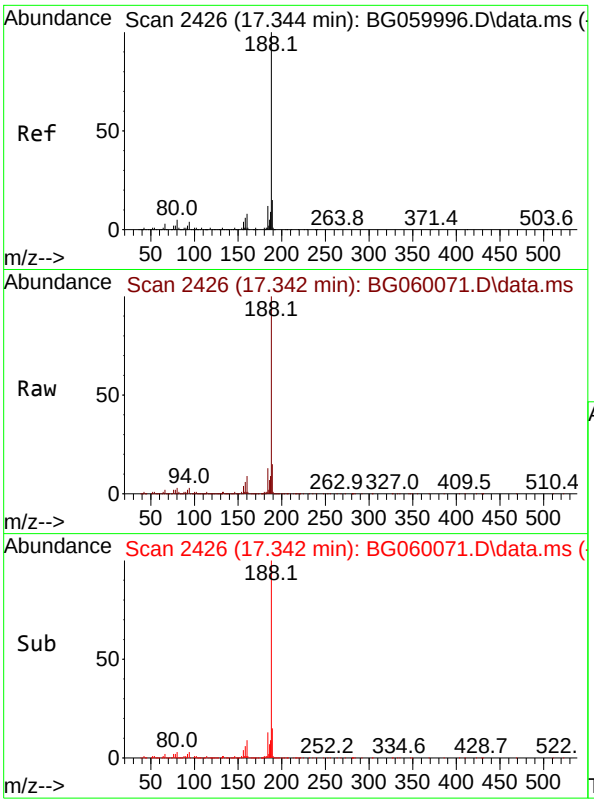


#45
2-Fluorobiphenyl
Concen: 86.005 ng
RT: 13.217 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:172 Resp: 1555415

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.1	45.1
170	24.9	20.0	30.0



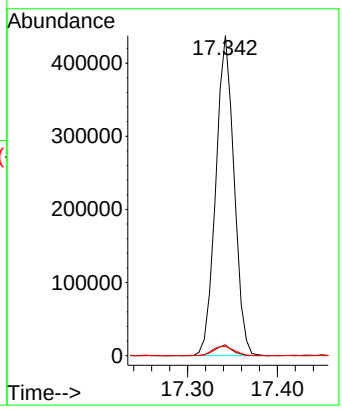


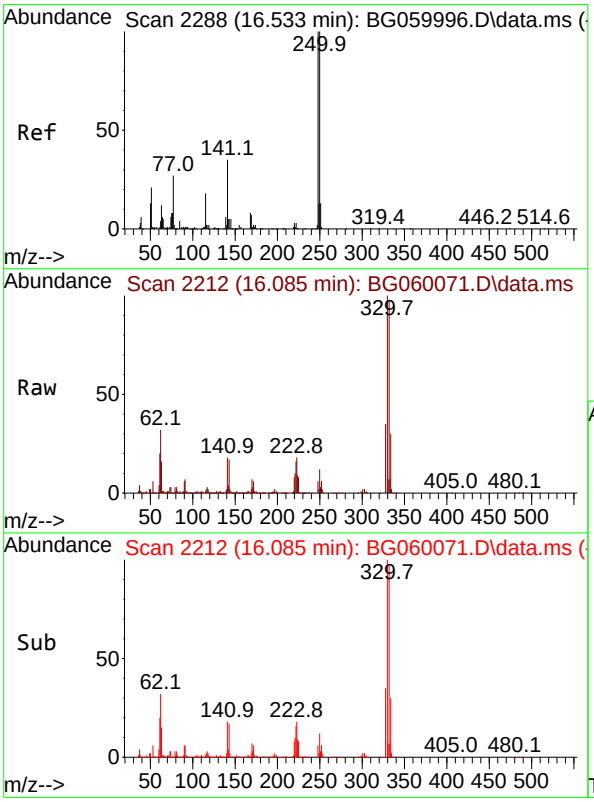
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:188 Resp: 618221

Ion	Ratio	Lower	Upper
188	100		
94	3.4	3.0	4.6
80	2.9	4.0	6.0#

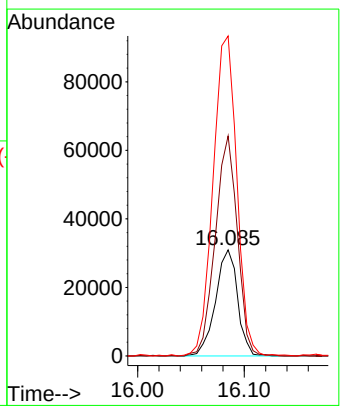


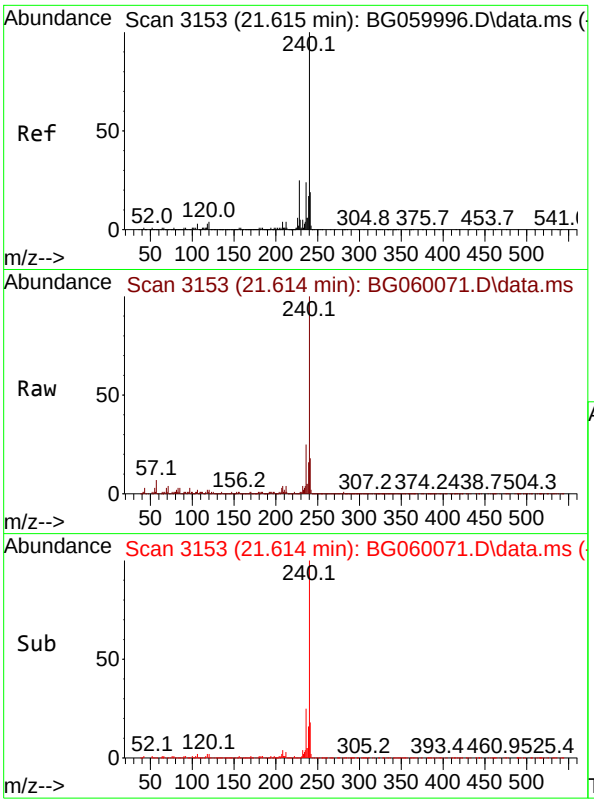


#67
4-Bromophenyl-phenylether
Concen: 5.085 ng
RT: 16.085 min Scan# 2212
Delta R.T. -0.452 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:248 Resp: 44354

Ion	Ratio	Lower	Upper
248	100		
250	207.6	79.9	119.9#
141	301.8	28.3	42.5#



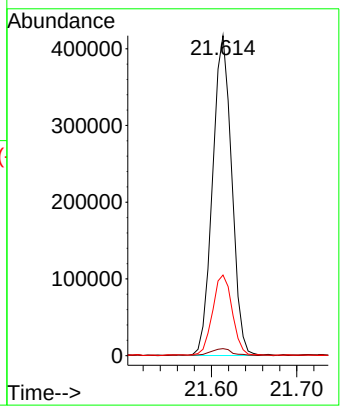


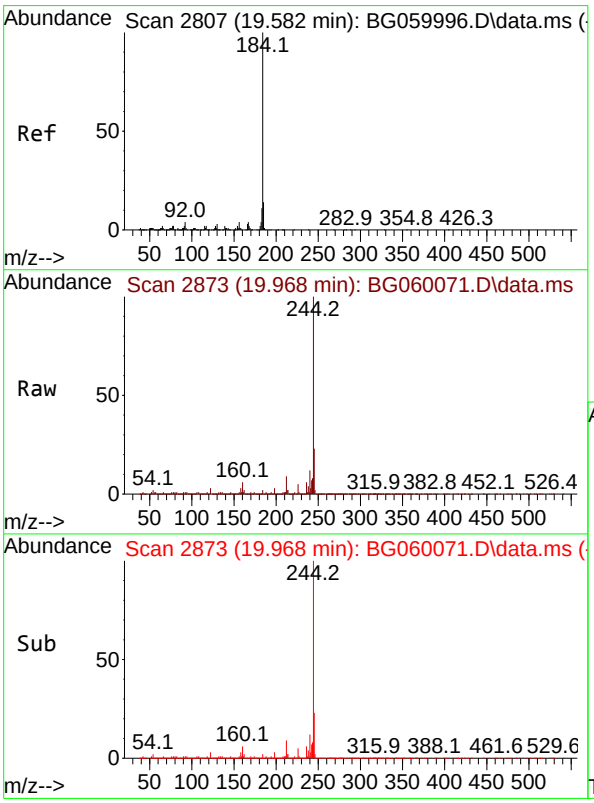
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:240 Resp: 650753

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.9	4.3#
236	25.2	19.4	29.2

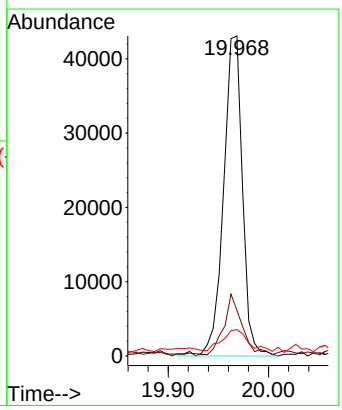


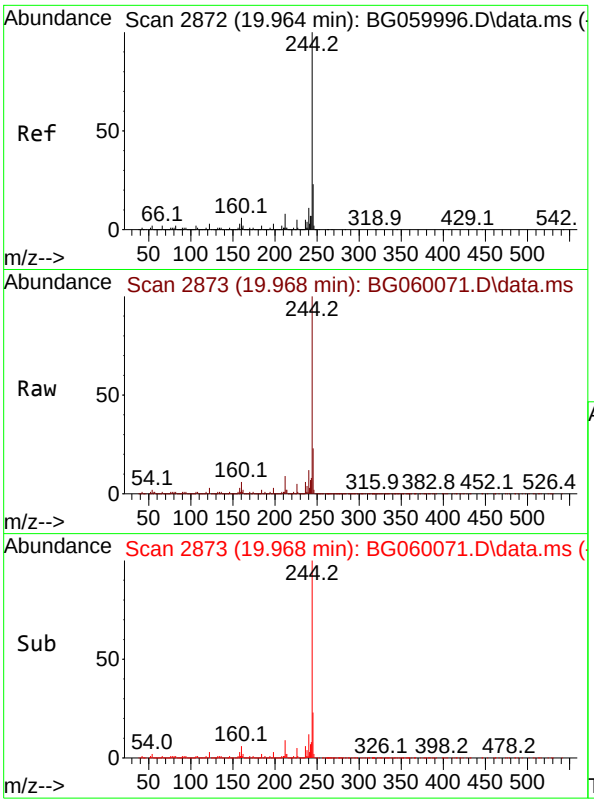


#77
Benzidine
Concen: 6.718 ng
RT: 19.968 min Scan# 2873
Delta R.T. 0.382 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:184 Resp: 56152

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.1	16.7
183	8.3	9.0	13.4#



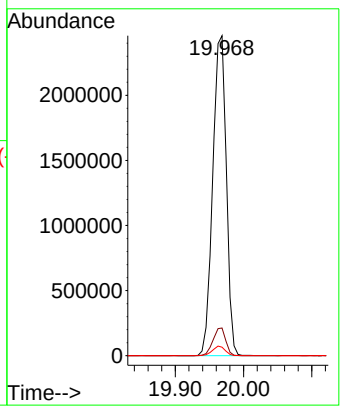


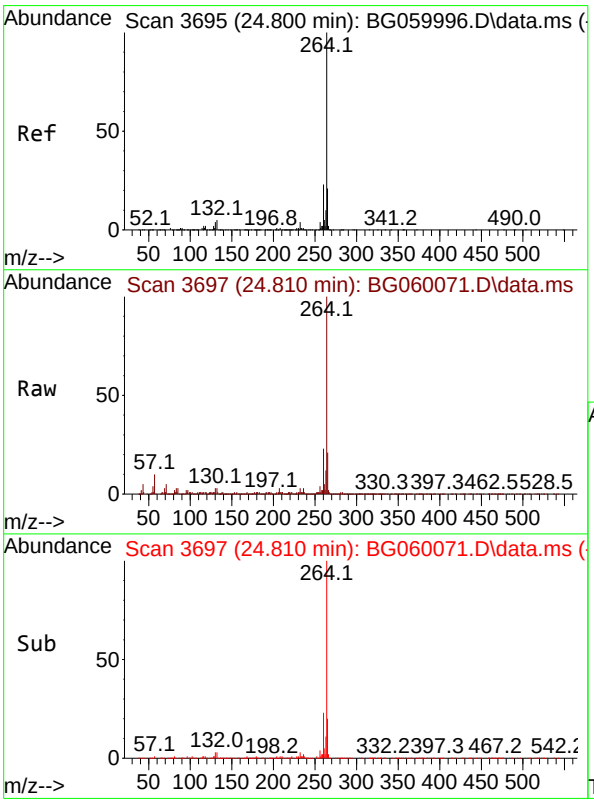
#79
Terphenyl-d14
Concen: 95.343 ng
RT: 19.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Instrument :
BNA_G
ClientSampleId :
MW-5B

Tgt Ion:244 Resp: 3398402

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	2.7	2.6	3.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BG060071.D
Acq: 18 Dec 2023 18:14

Tgt Ion:264 Resp: 749676

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	20.6	17.3	25.9