Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060757.D
Acq On : 3 Apr 2024 10:32
Operator : MA/JU
Sample : PB159882BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Quant Time: Apr 03 11:51:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	45099	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	183286	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	145697	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	411161	20.000	ng	0.00
76) Chrysene-d12	21.601	240	445500	20.000	ng	0.00
86) Perylene-d12	24.739	264	514914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	486303	179.633	ng	0.00
7) Phenol-d6	7.118	99	530120	131.919	ng	0.00
23) Nitrobenzene-d5	9.110	82	326186	101.550	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	301376	182.222	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	835852	84.197	ng	0.00
79) Terphenyl-d14	19.962	244	2158306	85.307	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	43620	14.234	ng	# 74
24) Nitrobenzene	9.122	77	1056	3.051	ng	# 31
48) 2-Nitroaniline	13.217	65	1418	3.381	ng	# 1
51) 2,6-Dinitrotoluene	14.586	165	18455	11.793	ng	# 18
57) 2,4-Dinitrotoluene	14.586	165	18455	9.933	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.073	198	986	7.530	ng	# 1
67) 4-Bromophenyl-phenylether	16.073	248	20800	4.985	ng	# 1

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

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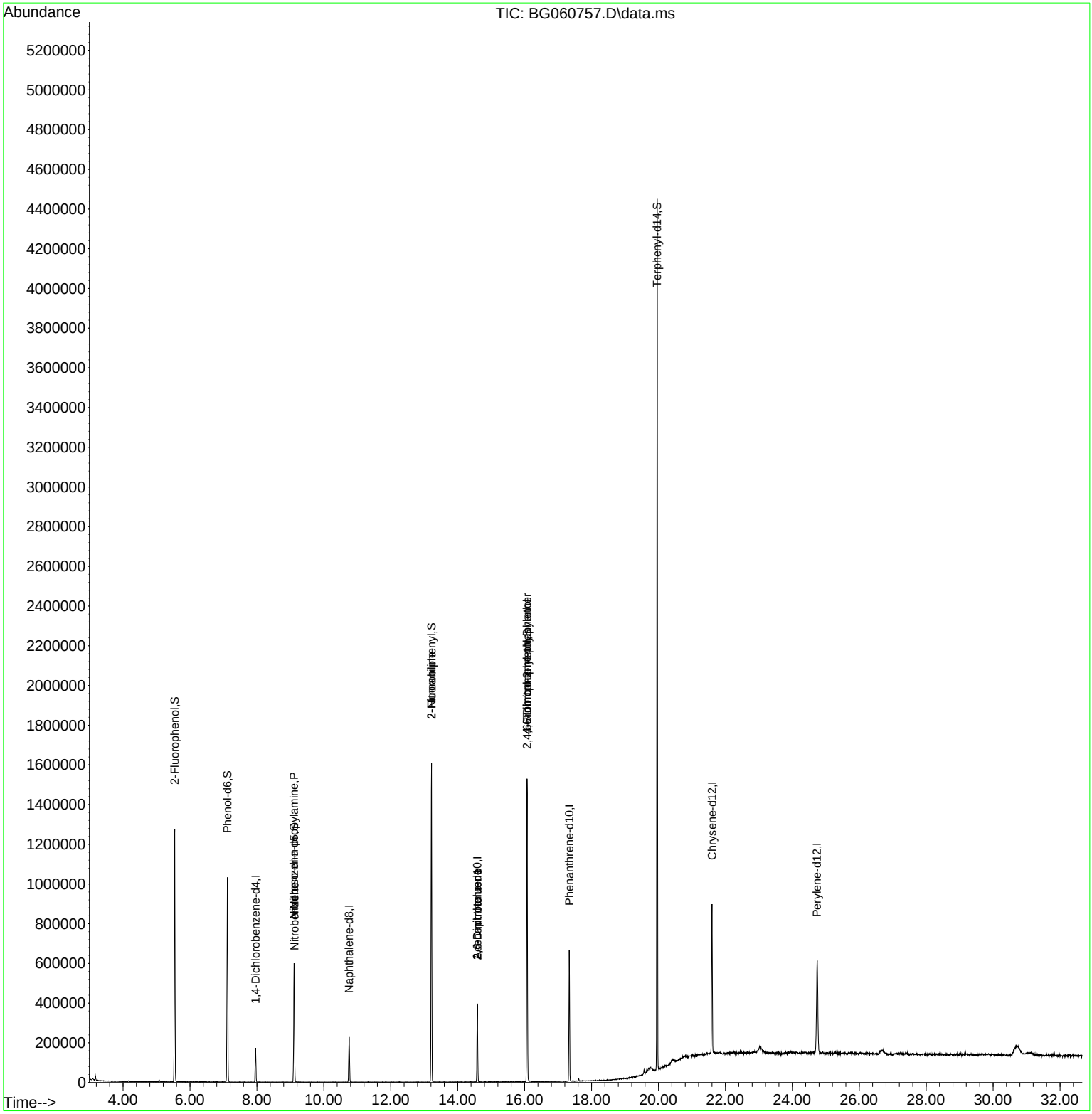
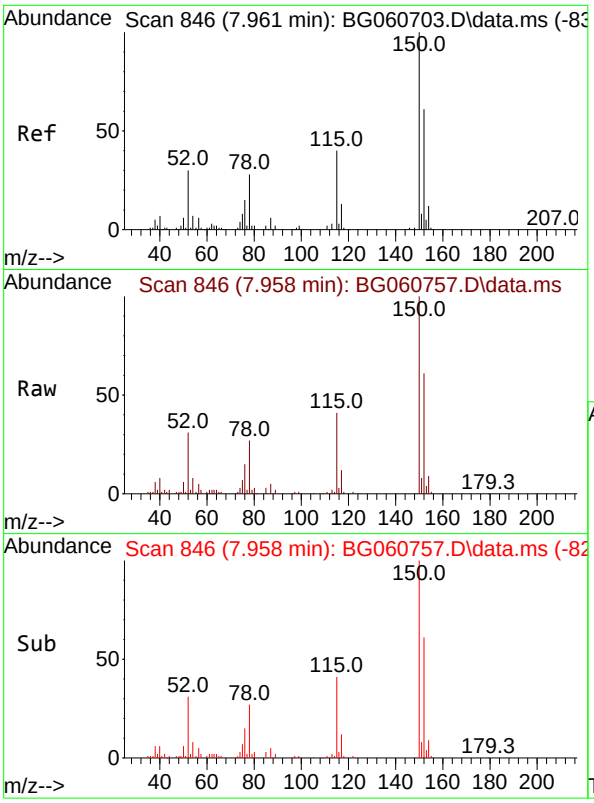


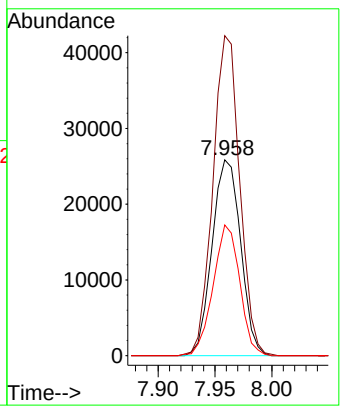


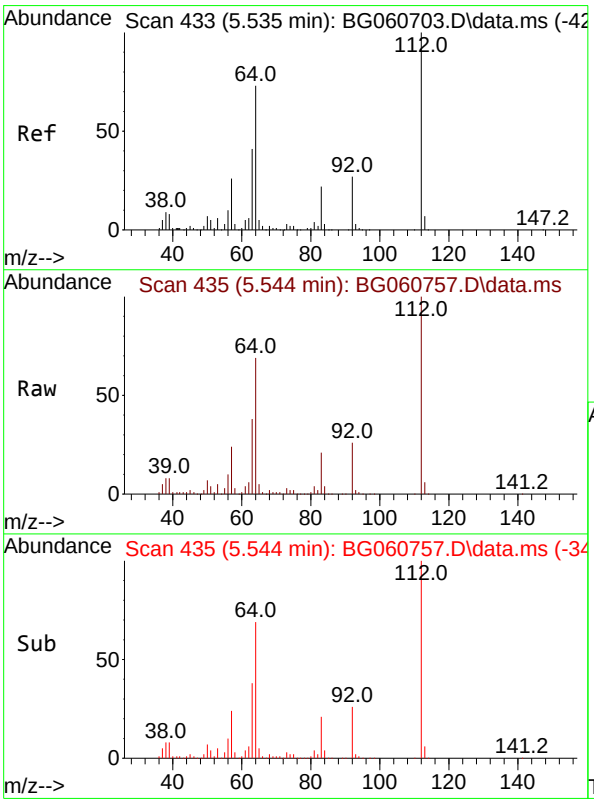
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:152 Resp: 45099

Ion	Ratio	Lower	Upper
152	100		
150	163.4	130.2	195.4
115	66.8	51.6	77.4

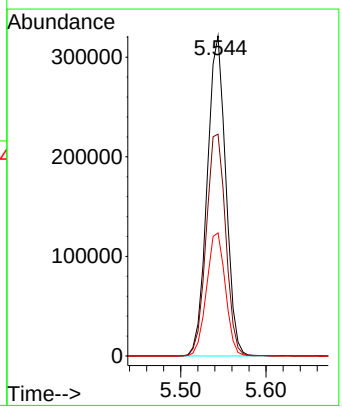


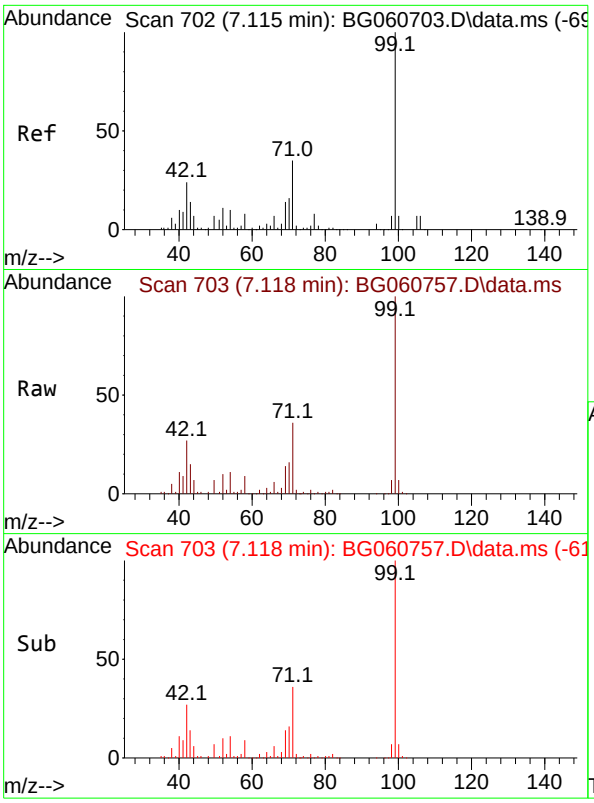


#5
2-Fluorophenol
Concen: 179.633 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:112 Resp: 486303

Ion	Ratio	Lower	Upper
112	100		
64	69.3	58.4	87.6
63	38.5	32.7	49.1



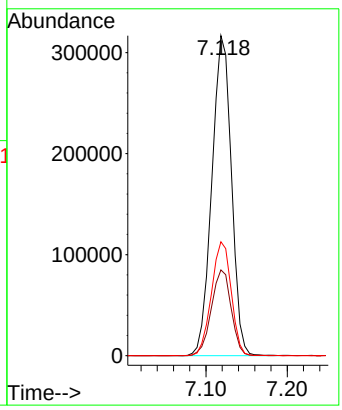


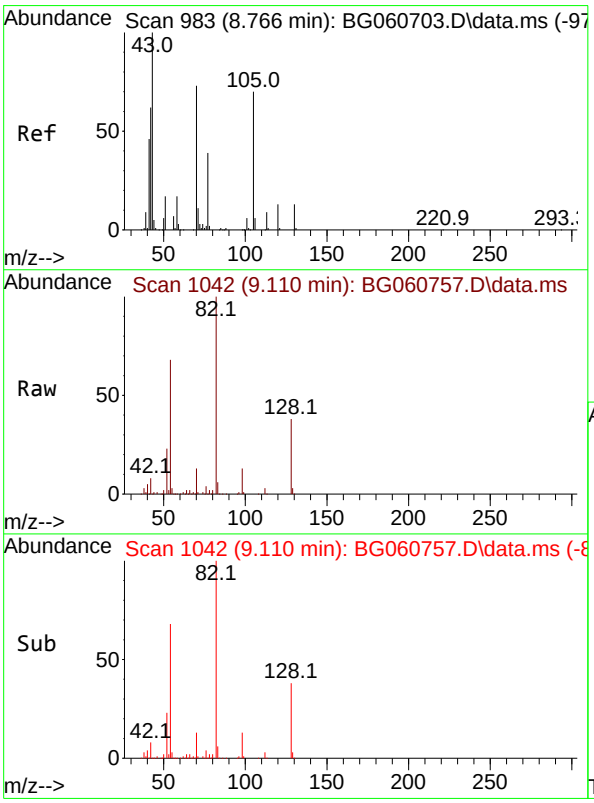
#7
Phenol-d6
Concen: 131.919 ng
RT: 7.118 min Scan# 7(
Delta R.T. 0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion: 99 Resp: 530120

Ion	Ratio	Lower	Upper
99	100		
42	26.8	19.4	29.2
71	35.6	28.2	42.2

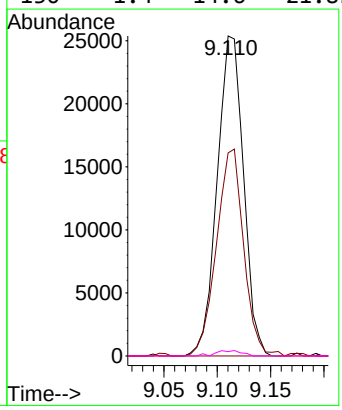


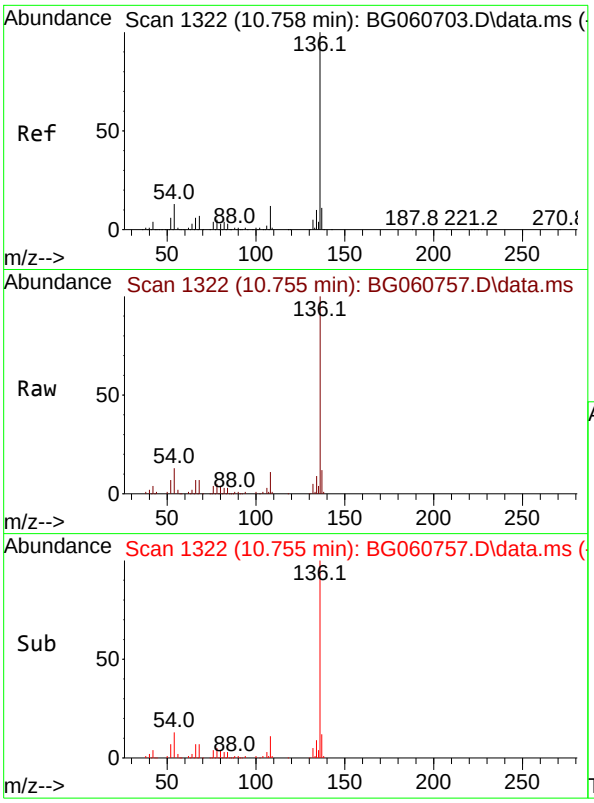


#19
n-Nitroso-di-n-propylamine
Concen: 14.234 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion: 70 Resp: 43620

Ion	Ratio	Lower	Upper
70	100		
42	63.4	68.4	102.6#
101	0.0	6.1	9.1#
130	1.4	14.6	21.8#



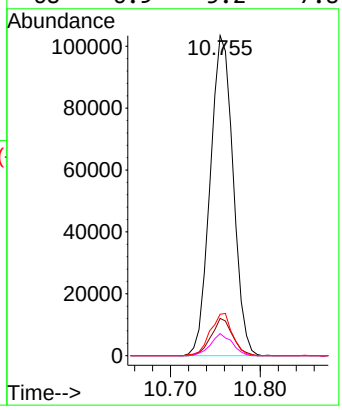


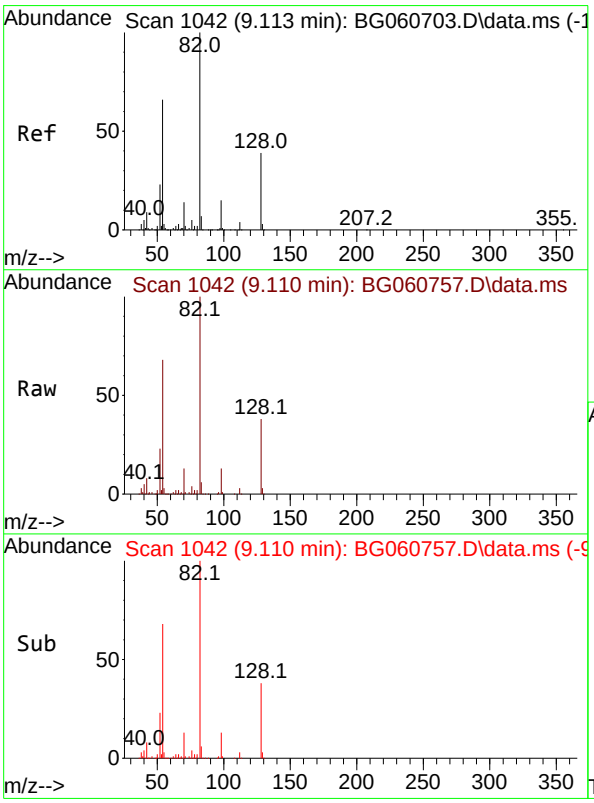
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:136 Resp: 183286

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	12.9	10.2	15.2
68	6.9	5.2	7.8

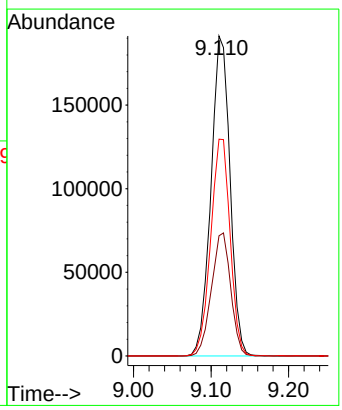


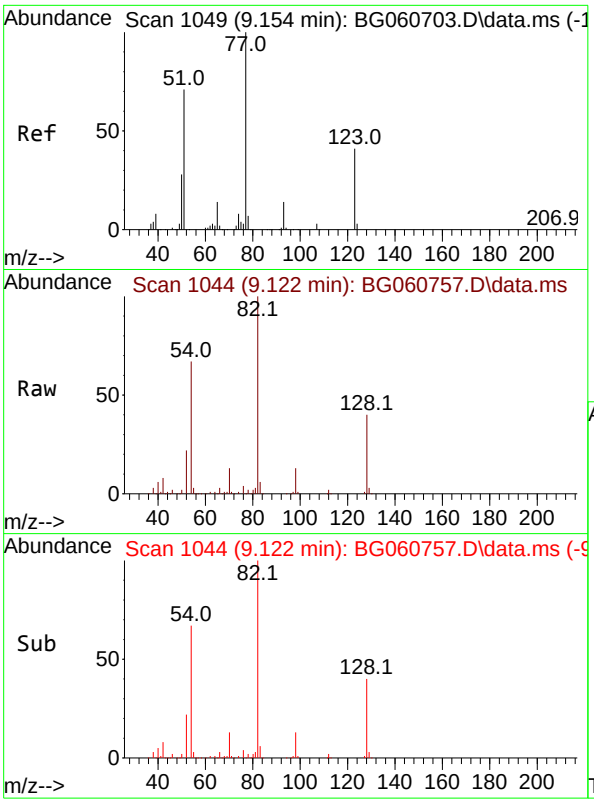


#23
Nitrobenzene-d5
Concen: 101.550 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion: 82 Resp: 326186

Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.2	46.8
54	67.8	53.2	79.8



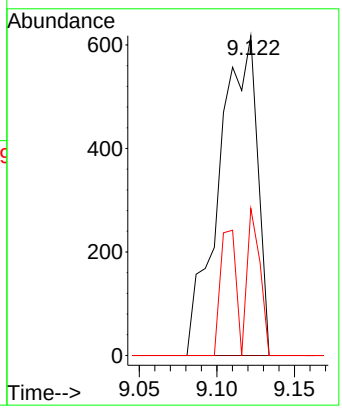


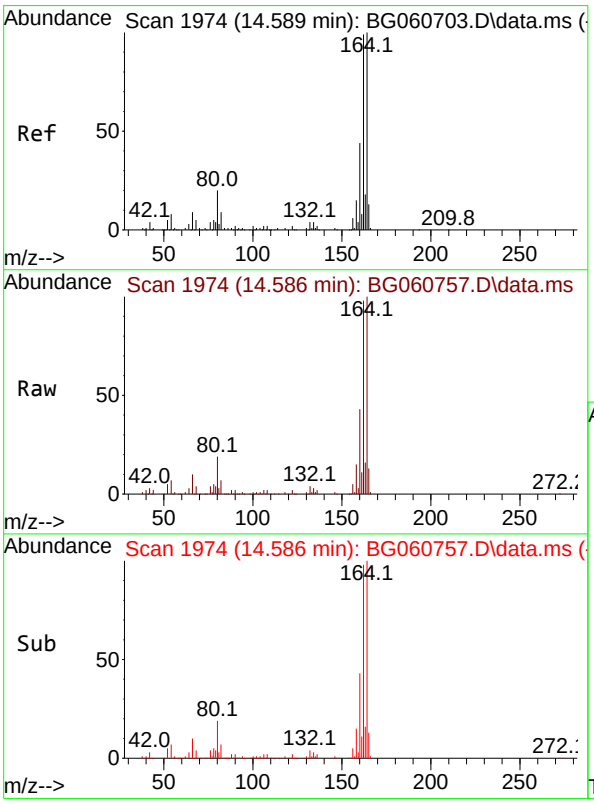
#24
Nitrobenzene
Concen: 3.051 ng
RT: 9.122 min Scan# 1(
Delta R.T. -0.032 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion: 77 Resp: 1056

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.7	49.1#
65	46.0	11.3	16.9#

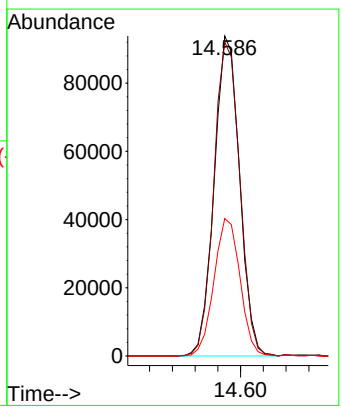


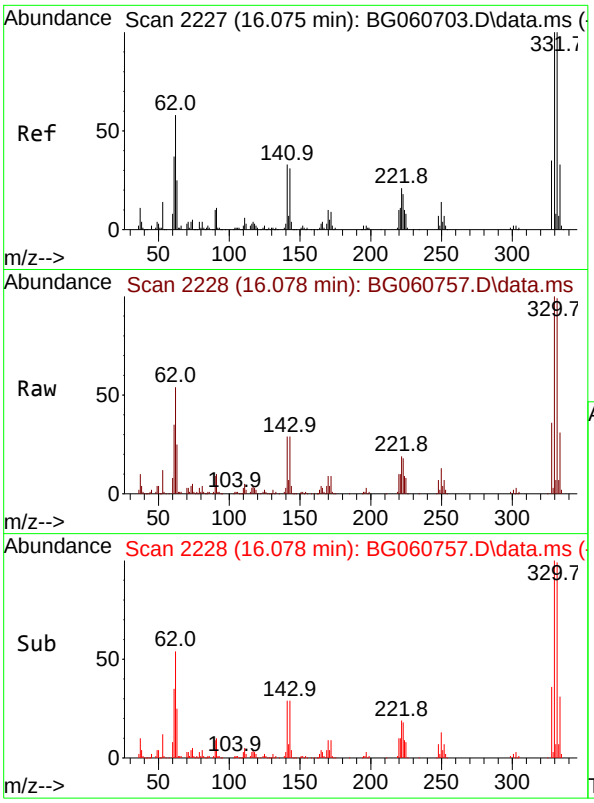


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:164 Resp: 145697

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.5	119.3
160	43.0	35.4	53.0



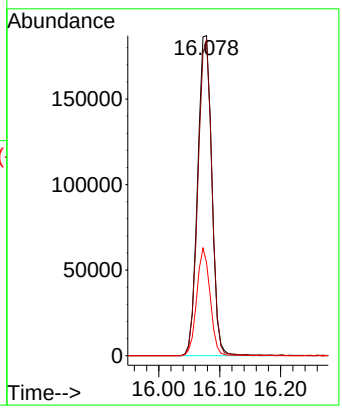


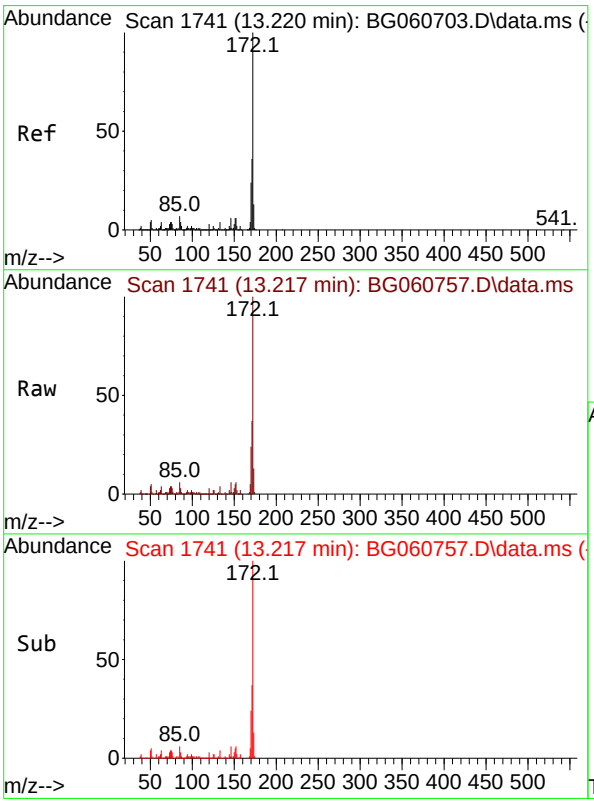
#42
2,4,6-Tribromophenol
Concen: 182.222 ng
RT: 16.078 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:330 Resp: 301376

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.4
141	31.8	27.0	40.6

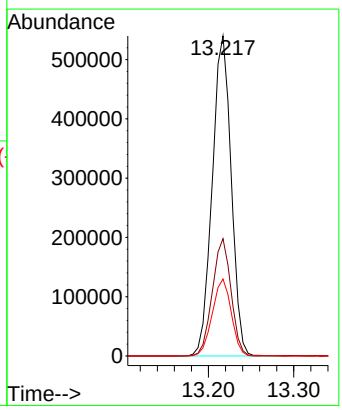


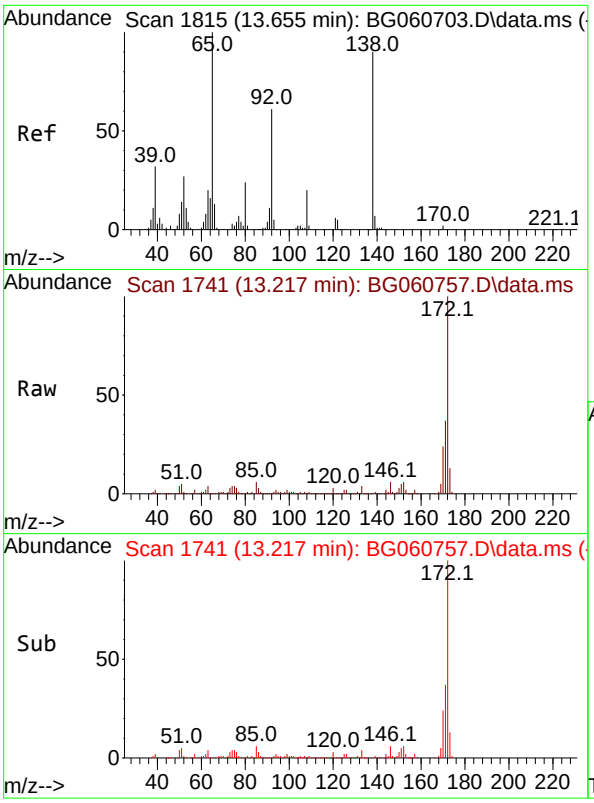


#45
2-Fluorobiphenyl
Concen: 84.197 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:172 Resp: 835852

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	24.0	19.4	29.0



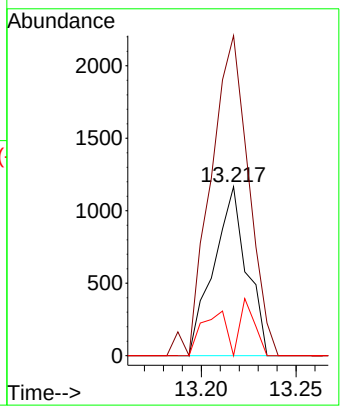


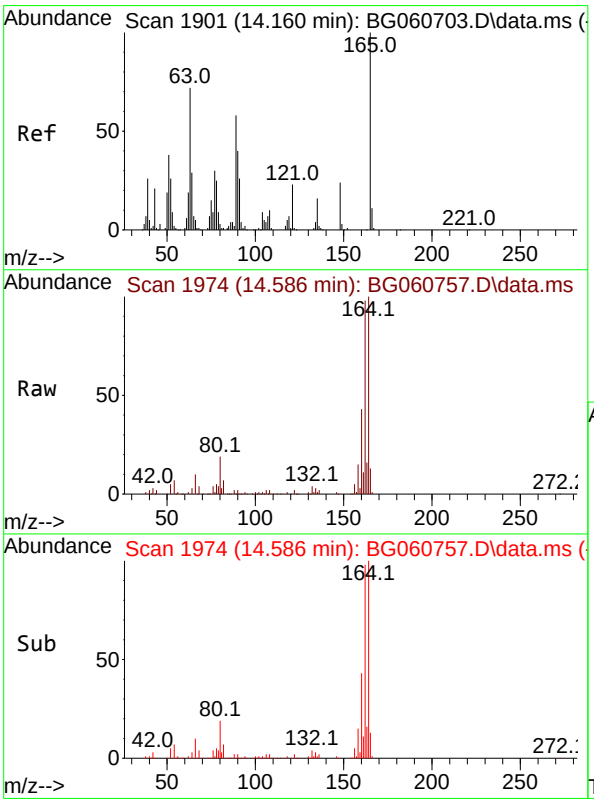
#48
2-Nitroaniline
Concen: 3.381 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.438 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion: 65 Resp: 1418

Ion	Ratio	Lower	Upper
65	100		
92	189.4	48.6	72.8#
138	0.0	72.2	108.4#

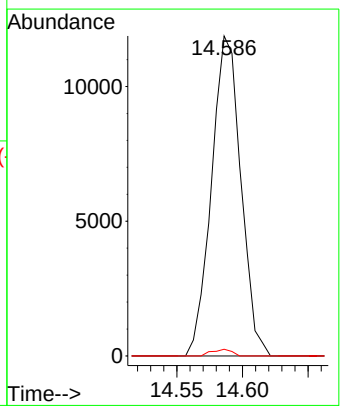


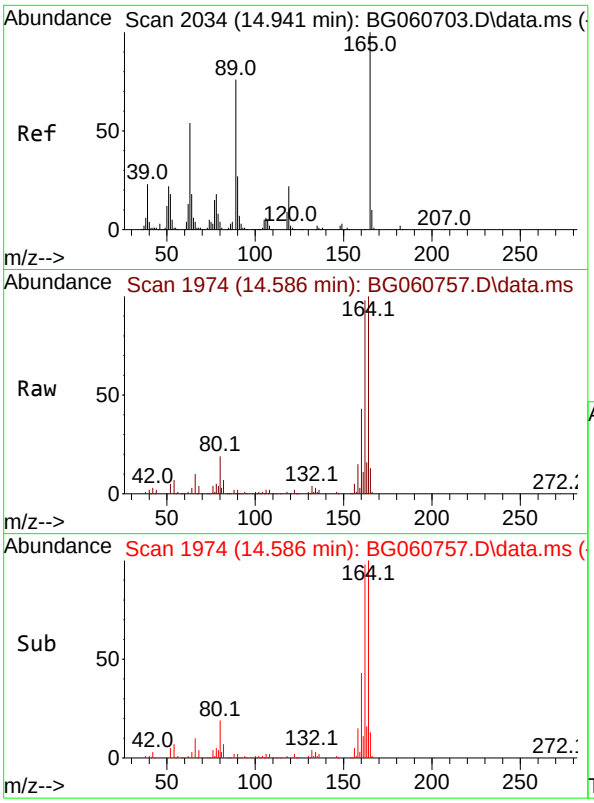


#51
2,6-Dinitrotoluene
Concen: 11.793 ng
RT: 14.586 min Scan# 1974
Delta R.T. 0.426 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:165 Resp: 18455

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.4#
89	2.1	46.1	69.1#



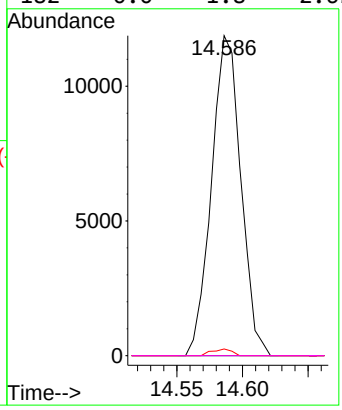


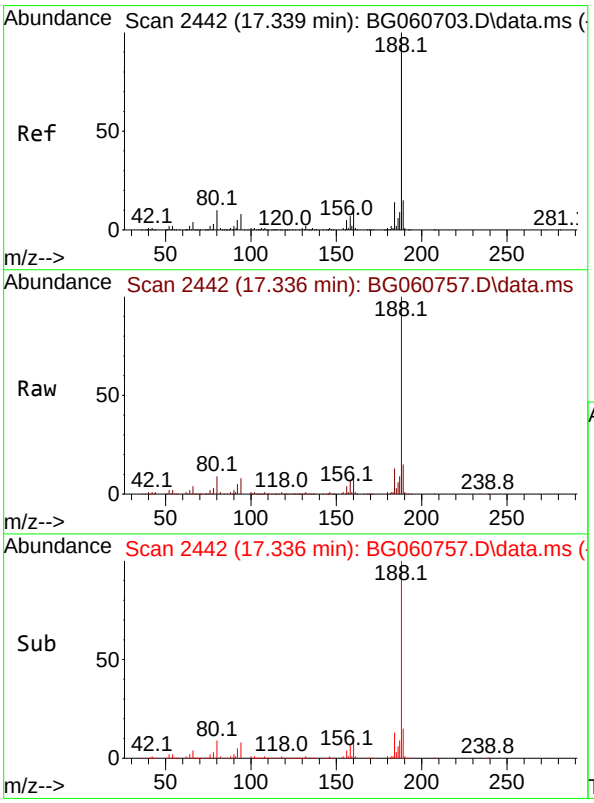
#57
2,4-Dinitrotoluene
Concen: 9.933 ng
RT: 14.586 min Scan# 1
Delta R.T. -0.355 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:165 Resp: 18455

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	2.1	61.0	91.6#
182	0.0	1.8	2.6#

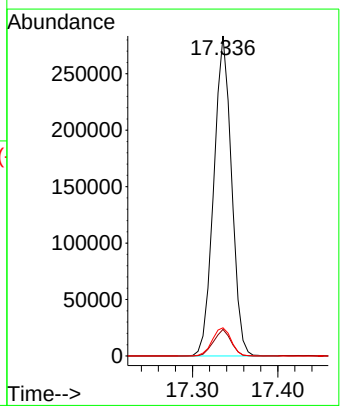


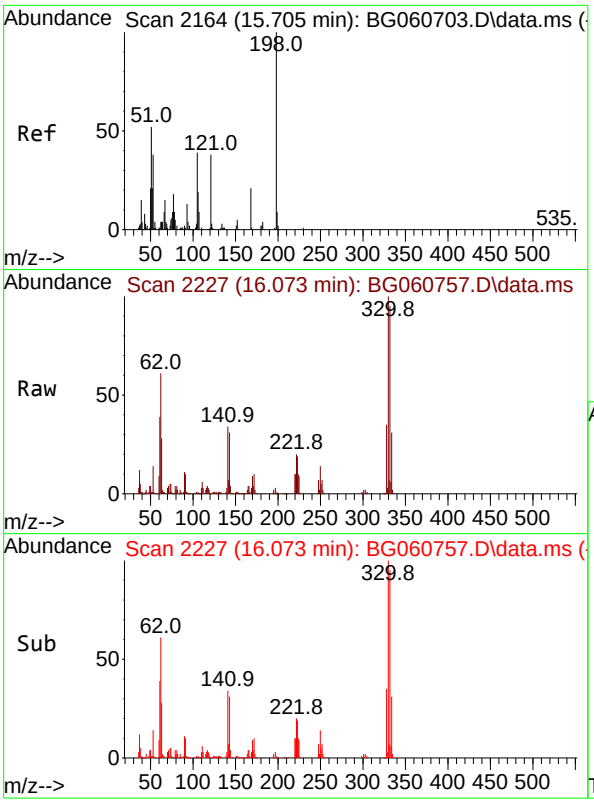


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:188 Resp: 411161

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	9.8
80	8.8	7.6	11.4



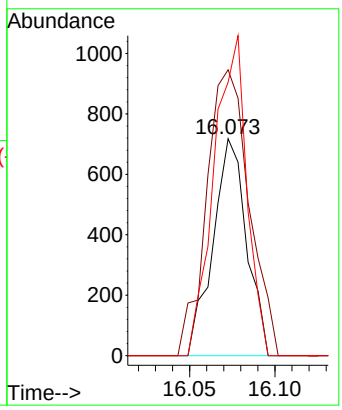


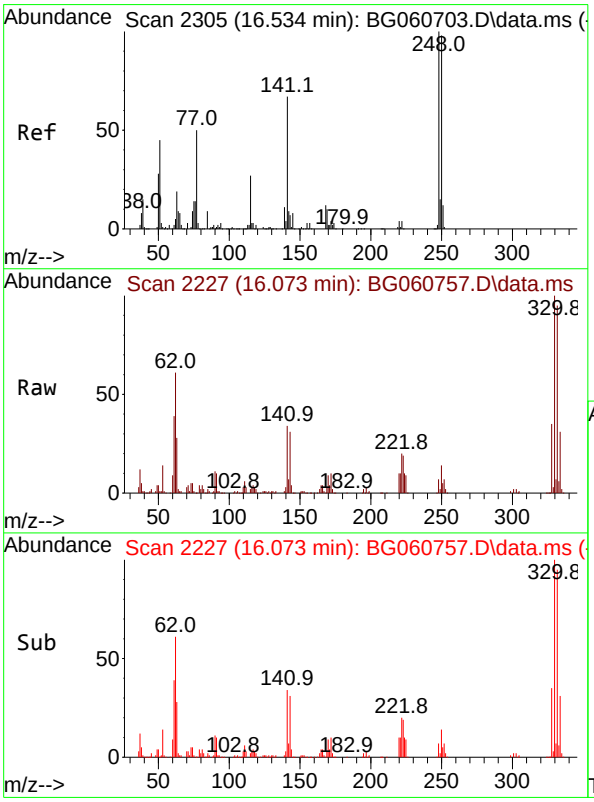
#65
4,6-Dinitro-2-methylphenol
Concen: 7.530 ng
RT: 16.073 min Scan# 2
Delta R.T. 0.368 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:198 Resp: 986

Ion	Ratio	Lower	Upper
198	100		
51	131.8	36.7	76.7#
105	126.0	19.1	59.1#

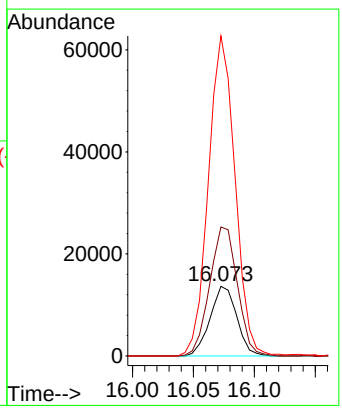


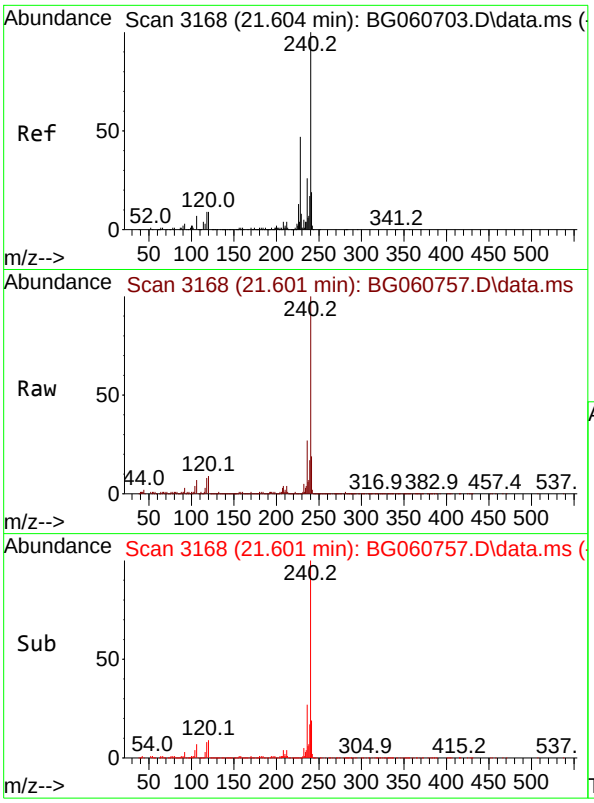


#67
4-Bromophenyl-phenylether
Concen: 4.985 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.461 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:248 Resp: 20800

Ion	Ratio	Lower	Upper
248	100		
250	185.3	78.3	117.5#
141	459.7	53.7	80.5#



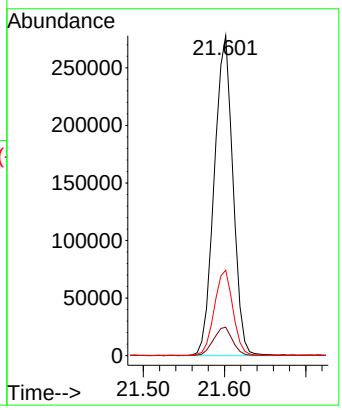


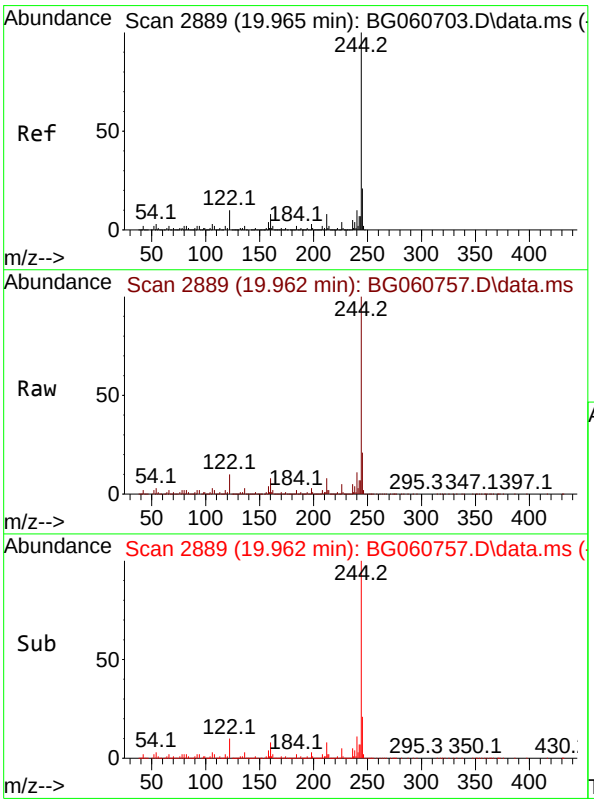
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:240 Resp: 445500

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	26.7	20.7	31.1

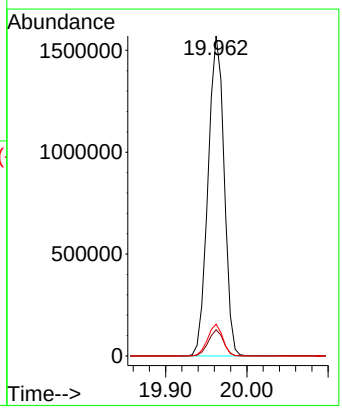


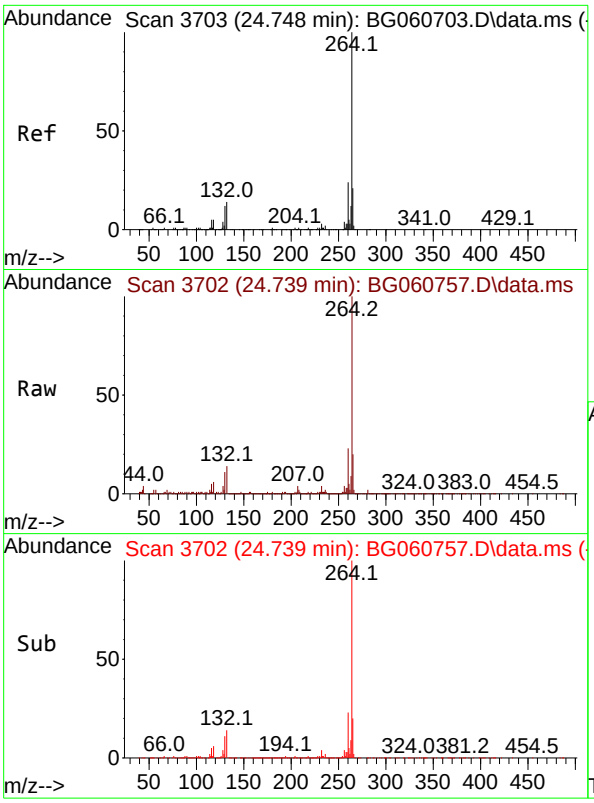


#79
Terphenyl-d14
Concen: 85.307 ng
RT: 19.962 min Scan# 2889
Delta R.T. -0.003 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Tgt Ion:244 Resp: 2158306

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	10.0	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG060757.D
Acq: 3 Apr 2024 10:32

Instrument :
BNA_G
ClientSampleId :
PB159882BL

Tgt Ion:264 Resp: 514914

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.4	16.9	25.3