Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060890.D
Acq On : 13 Apr 2024 12:25
Operator : MA/JU
Sample : PB160208BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Quant Time: Apr 15 01:15:30 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	7.948	152	36542	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	143281	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	127173	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	364600	20.000	ng	0.00
76) Chrysene-d12	21.590	240	355678	20.000	ng	-0.01
86) Perylene-d12	24.734	264	408485	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	260108	118.579	ng	0.00
7) Phenol-d6	7.119	99	380331	116.807	ng	0.00
23) Nitrobenzene-d5	9.105	82	240772	95.887	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	255419	176.930	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	642486	74.146	ng	-0.01
79) Terphenyl-d14	19.951	244	1610893	79.750	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	33080	13.322	ng	# 71
24) Nitrobenzene	9.105	77	994	3.108	ng	# 34
48) 2-Nitroaniline	13.412	65	69	2.824	ng	# 11
51) 2,6-Dinitrotoluene	14.581	165	15950	11.711	ng	# 18
57) 2,4-Dinitrotoluene	14.581	165	15950	9.868	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.067	198	736	7.451	ng	# 22
67) 4-Bromophenyl-phenylether	16.067	248	17654	4.771	ng	# 1

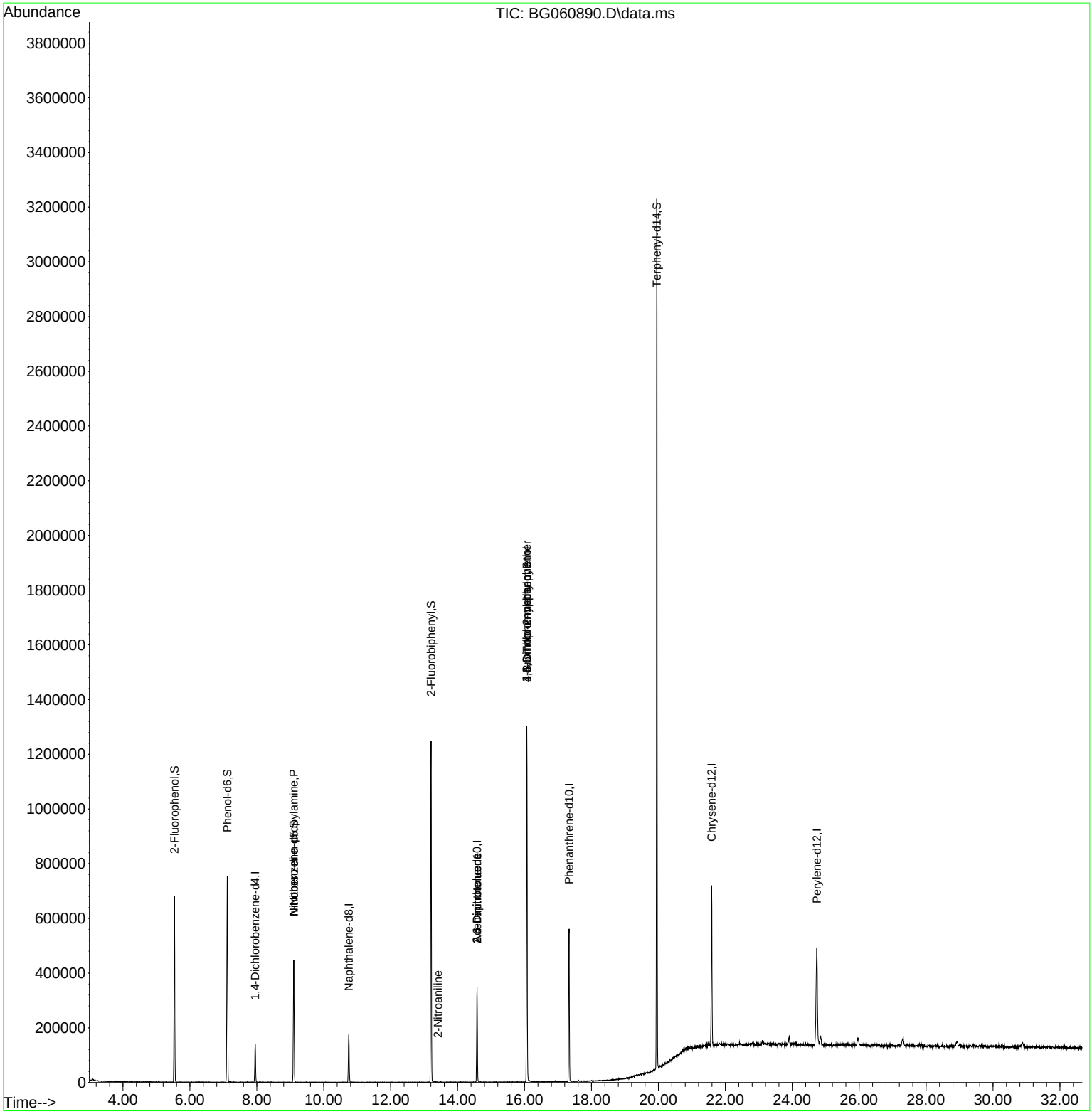
(#) = qualifier out of range (m) = manual integration (+) = signals summed

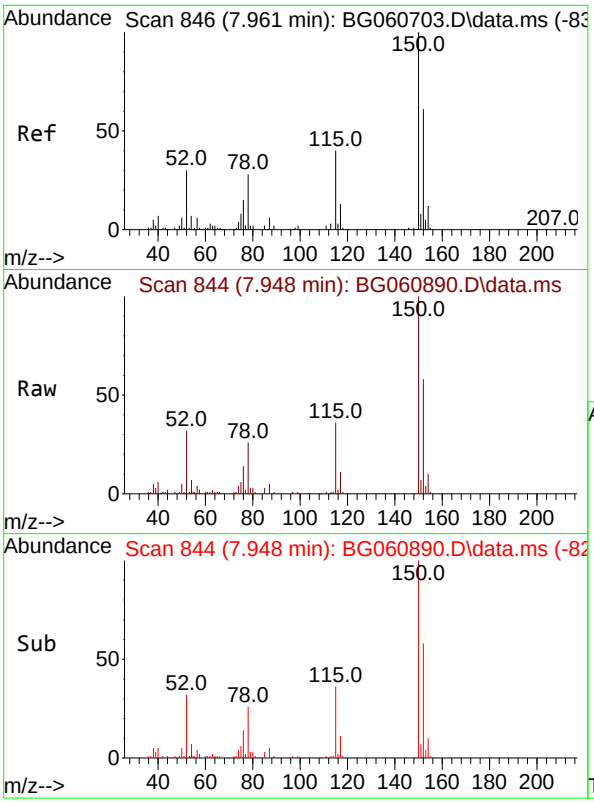
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060890.D
Acq On : 13 Apr 2024 12:25
Operator : MA/JU
Sample : PB160208BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Quant Time: Apr 15 01:15:30 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



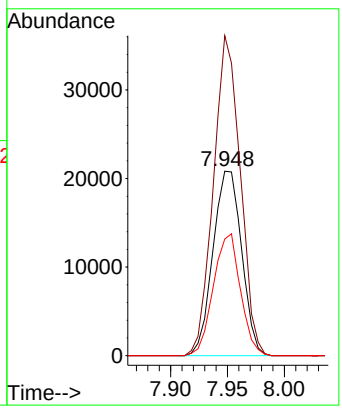


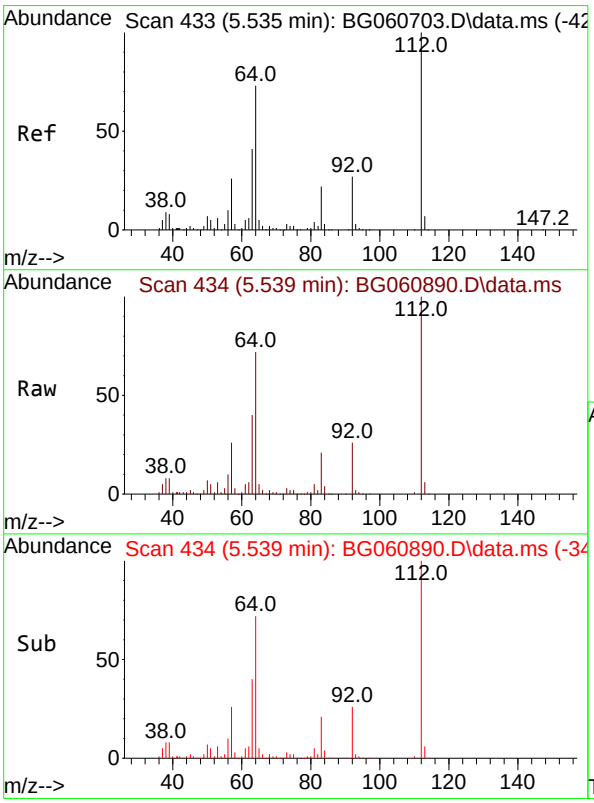
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:152 Resp: 36542

Ion	Ratio	Lower	Upper
152	100		
150	173.5	130.2	195.4
115	63.3	51.6	77.4

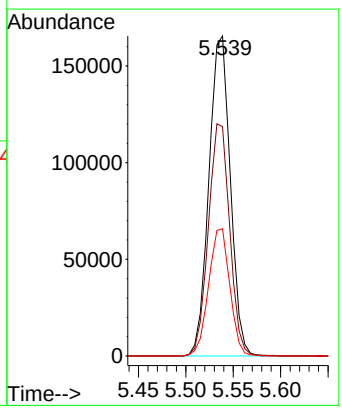


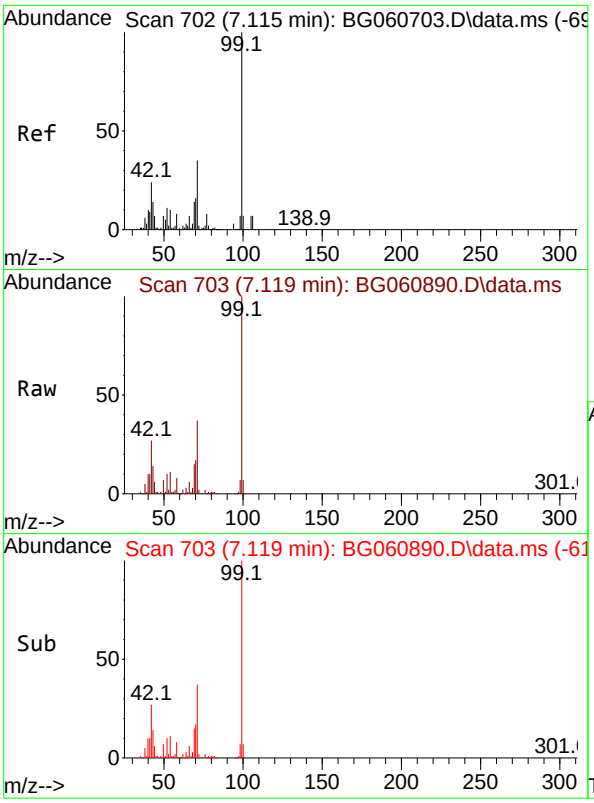


#5
2-Fluorophenol
Concen: 118.579 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:112 Resp: 260108

Ion	Ratio	Lower	Upper
112	100		
64	71.7	58.4	87.6
63	39.8	32.7	49.1



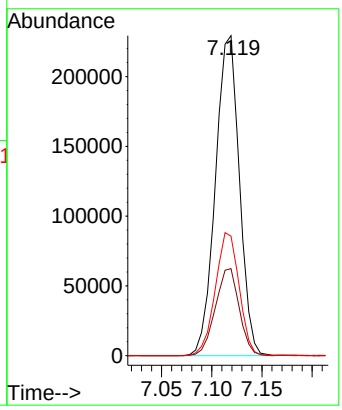


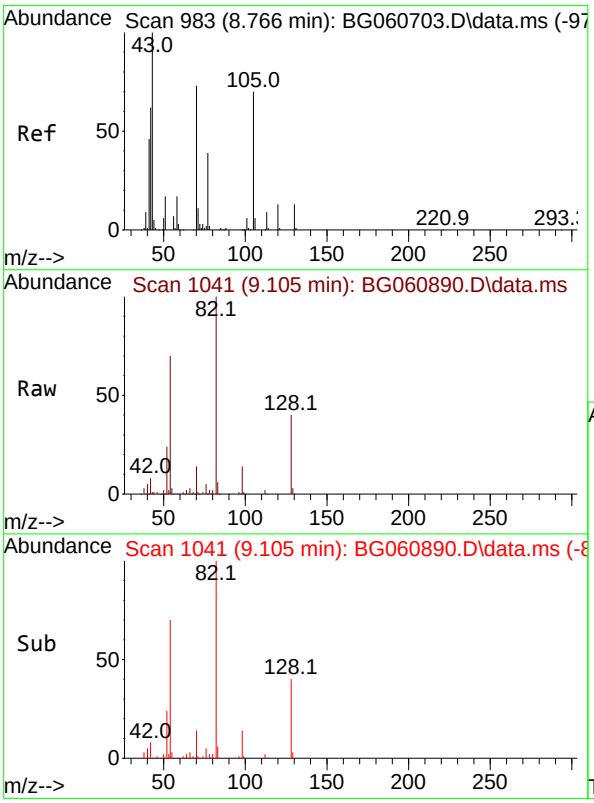
#7
Phenol-d6
Concen: 116.807 ng
RT: 7.119 min Scan# 7(
Delta R.T. 0.004 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion: 99 Resp: 380331

Ion	Ratio	Lower	Upper
99	100		
42	27.2	19.4	29.2
71	37.3	28.2	42.2

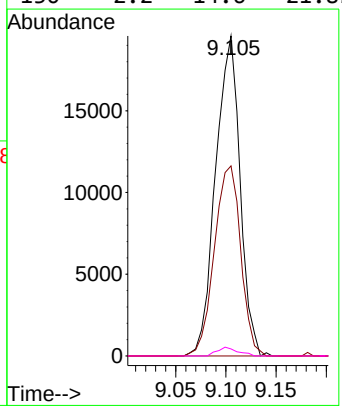


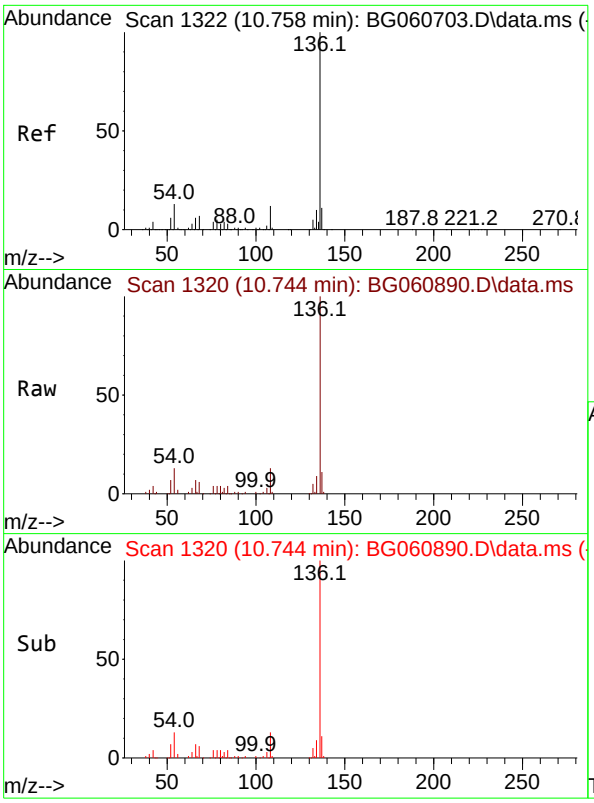


#19
n-Nitroso-di-n-propylamine
Concen: 13.322 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion: 70 Resp: 33080

Ion	Ratio	Lower	Upper
70	100		
42	59.4	68.4	102.6#
101	0.0	6.1	9.1#
130	2.2	14.6	21.8#



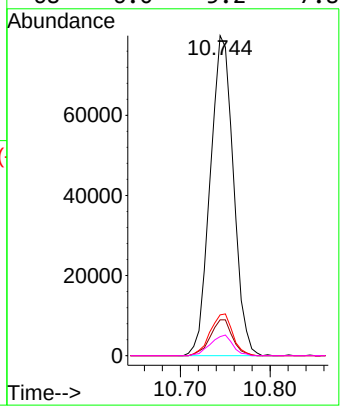


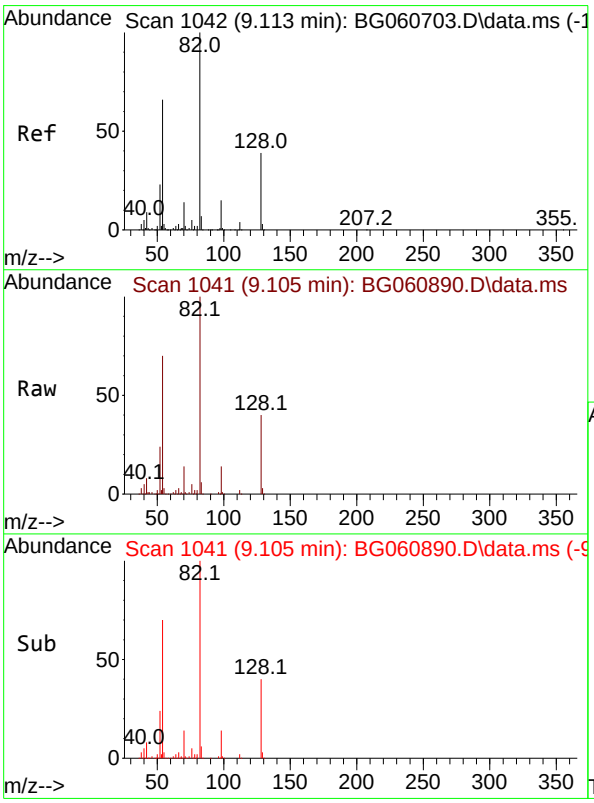
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:136 Resp: 143281

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.7	10.2	15.2
68	6.0	5.2	7.8

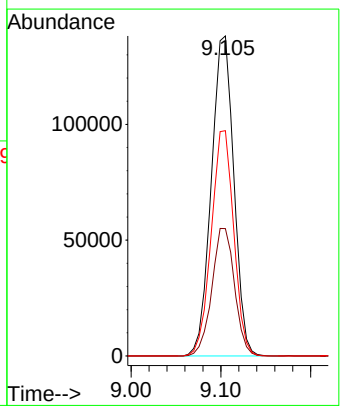


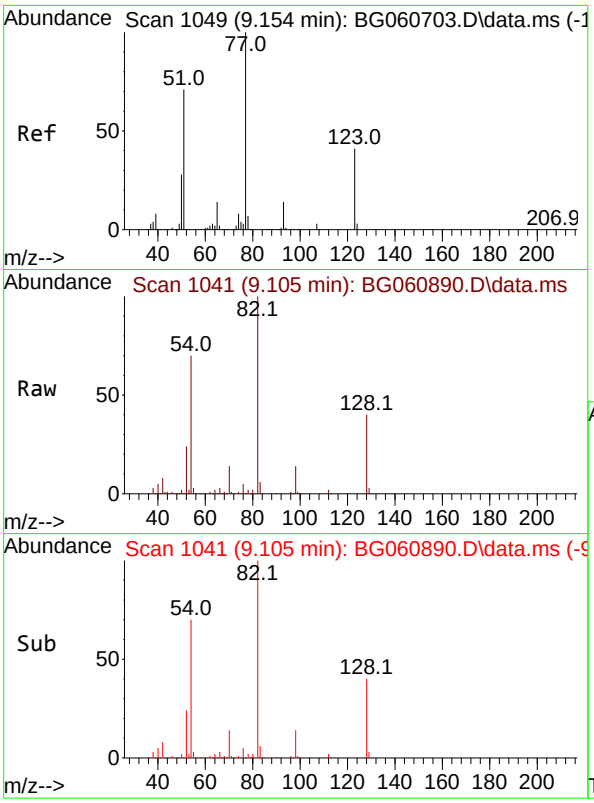


#23
Nitrobenzene-d5
Concen: 95.887 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion: 82 Resp: 240772

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.2	46.8
54	70.4	53.2	79.8



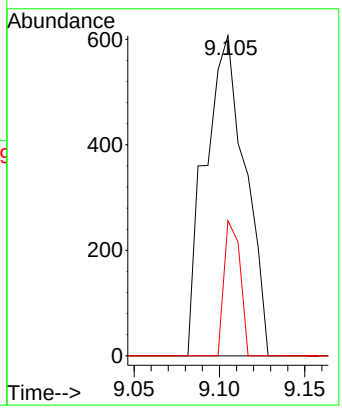


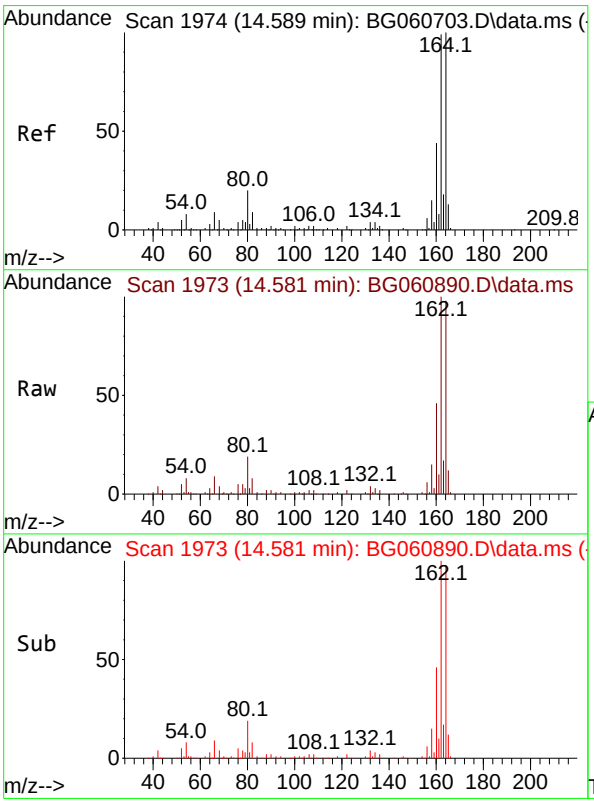
#24
Nitrobenzene
Concen: 3.108 ng
RT: 9.105 min Scan# 1
Delta R.T. -0.049 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion: 77 Resp: 994

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.7	49.1#
65	42.2	11.3	16.9#

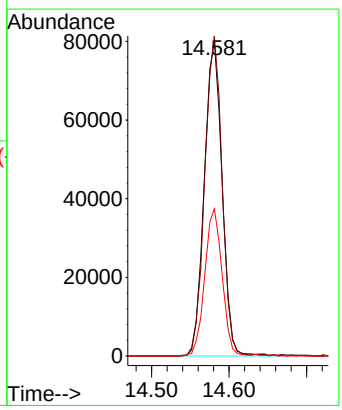


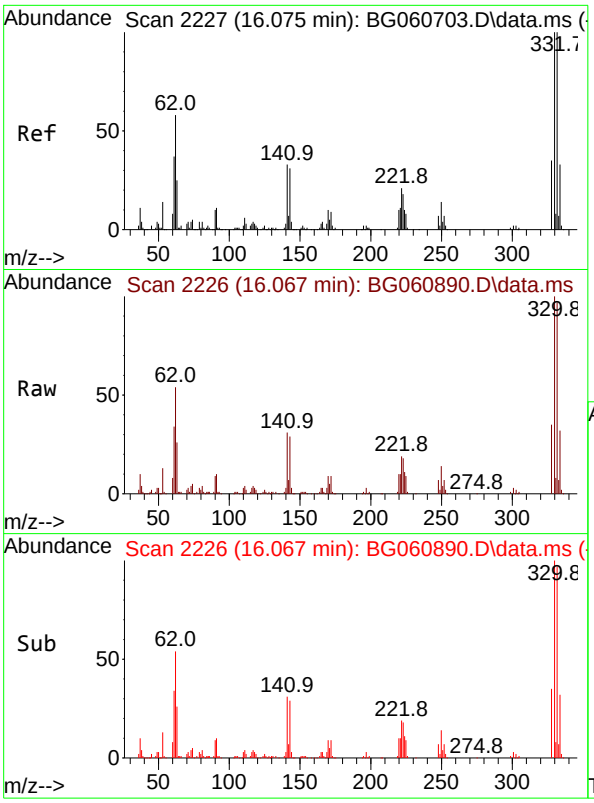


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:164 Resp: 127173

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.5	119.3
160	46.8	35.4	53.0



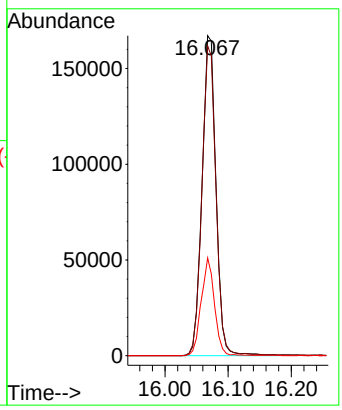


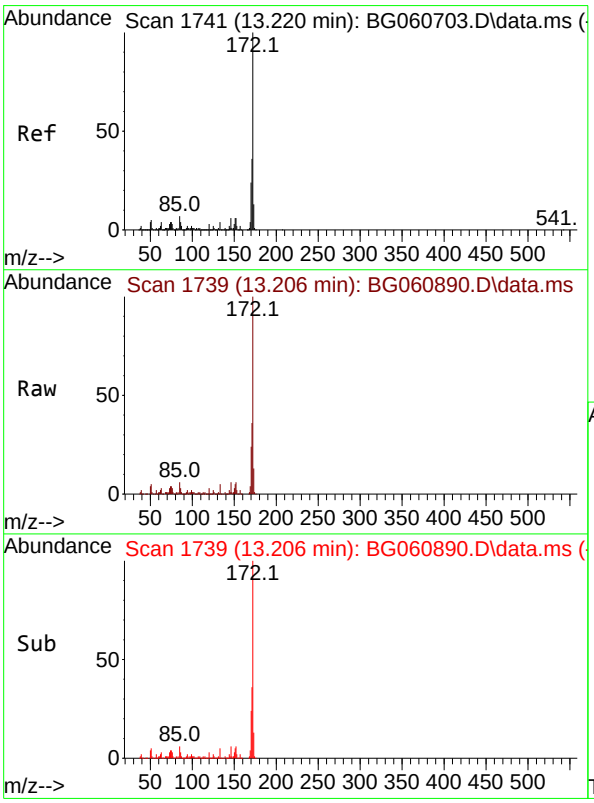
#42
2,4,6-Tribromophenol
Concen: 176.930 ng
RT: 16.067 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:330 Resp: 255419

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.2	27.0	40.6

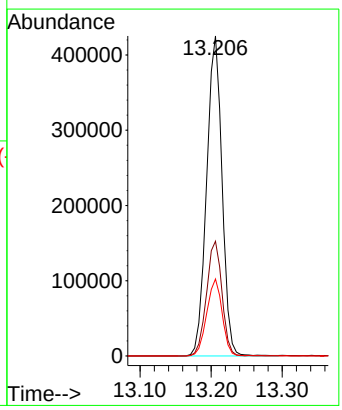


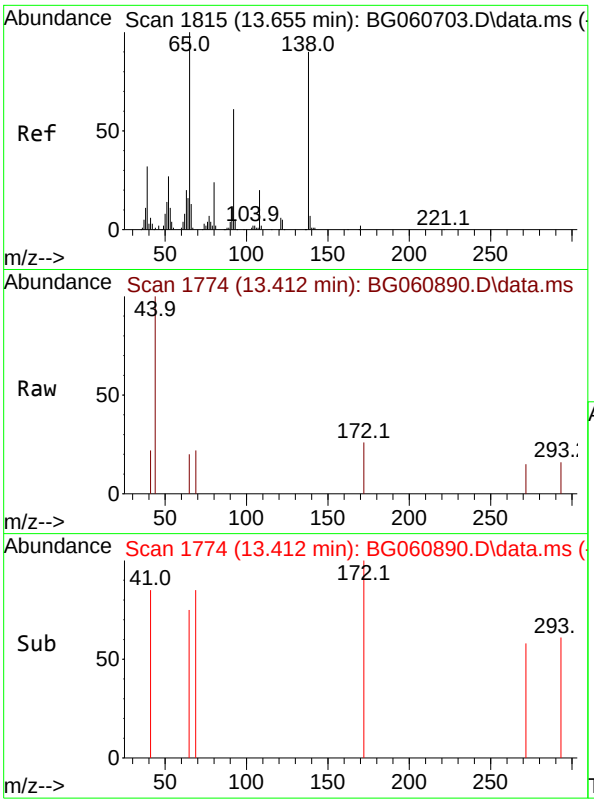


#45
2-Fluorobiphenyl
Concen: 74.146 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:172 Resp: 642486

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.1	19.4	29.0



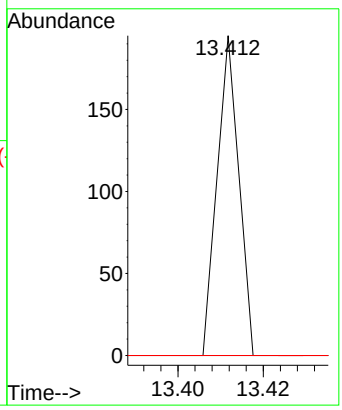


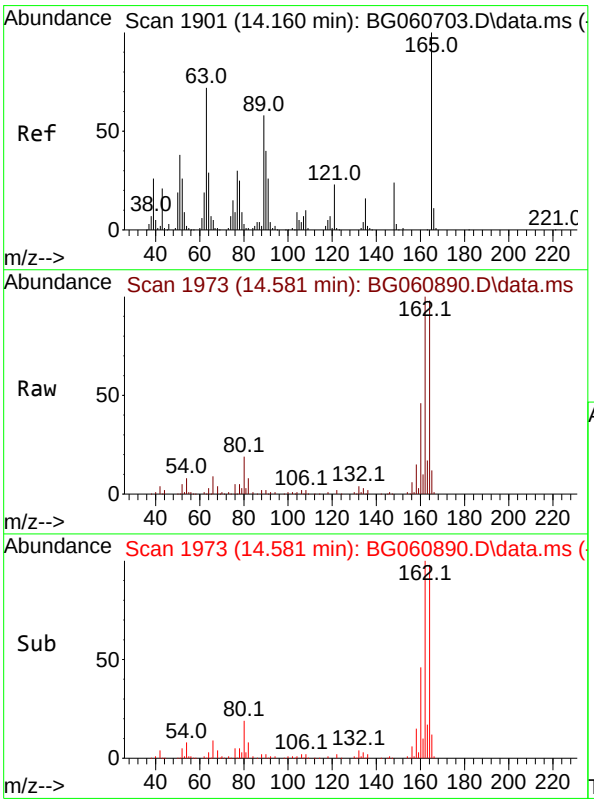
#48
2-Nitroaniline
Concen: 2.824 ng
RT: 13.412 min Scan# 1
Delta R.T. -0.243 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion: 65 Resp: 69

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

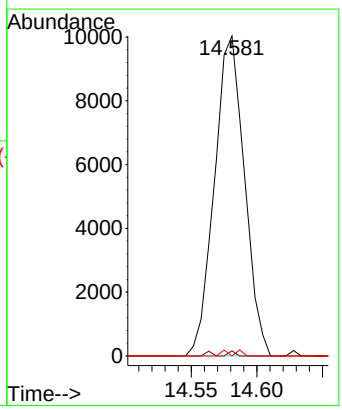


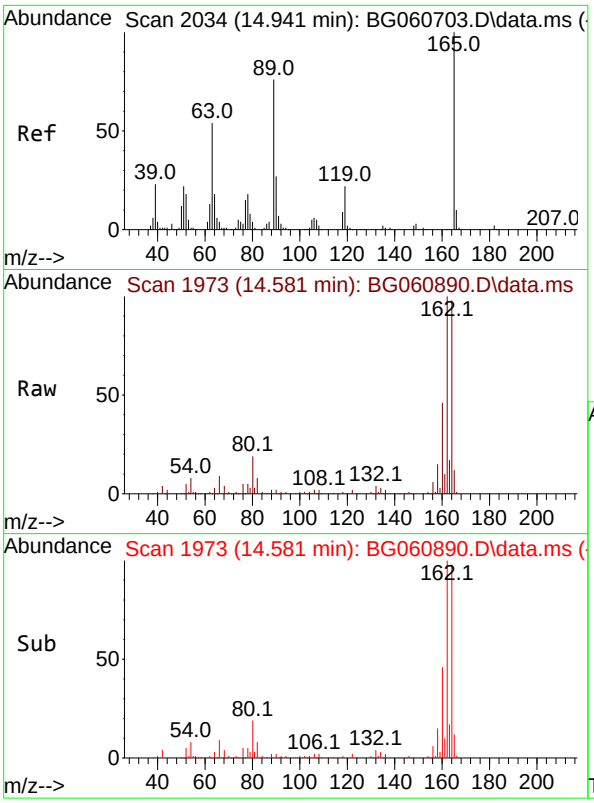


#51
2,6-Dinitrotoluene
Concen: 11.711 ng
RT: 14.581 min Scan# 1973
Delta R.T. 0.421 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:165 Resp: 15950

Ion	Ratio	Lower	Upper
165	100		
63	1.6	58.2	87.4#
89	0.0	46.1	69.1#



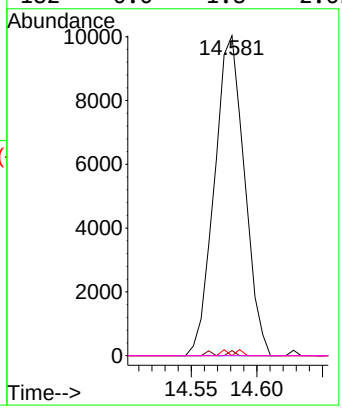


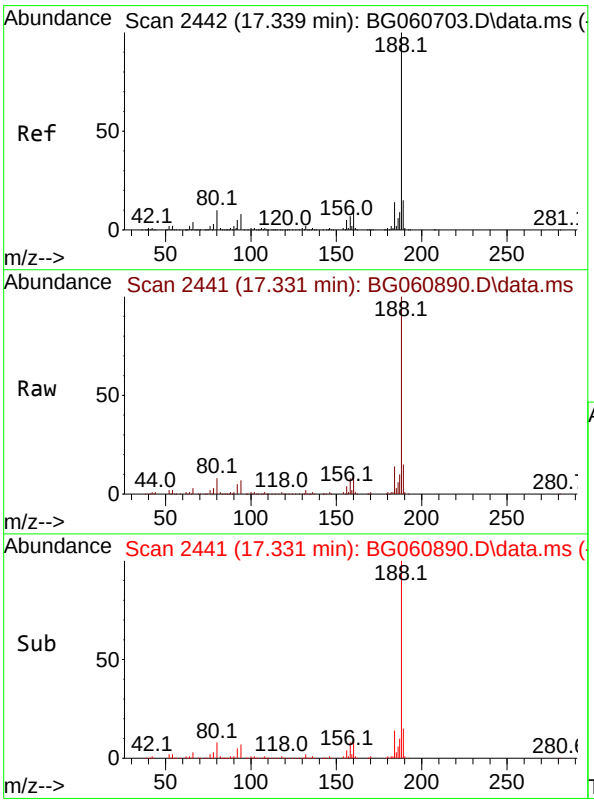
#57
2,4-Dinitrotoluene
Concen: 9.868 ng
RT: 14.581 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:165 Resp: 15950

Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	0.0	61.0	91.6#
182	0.0	1.8	2.6#

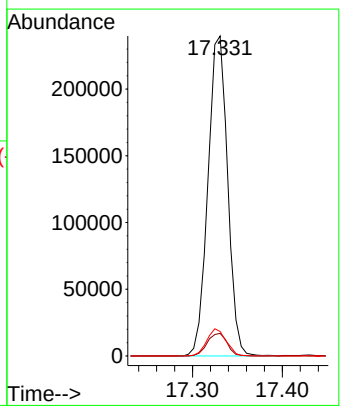


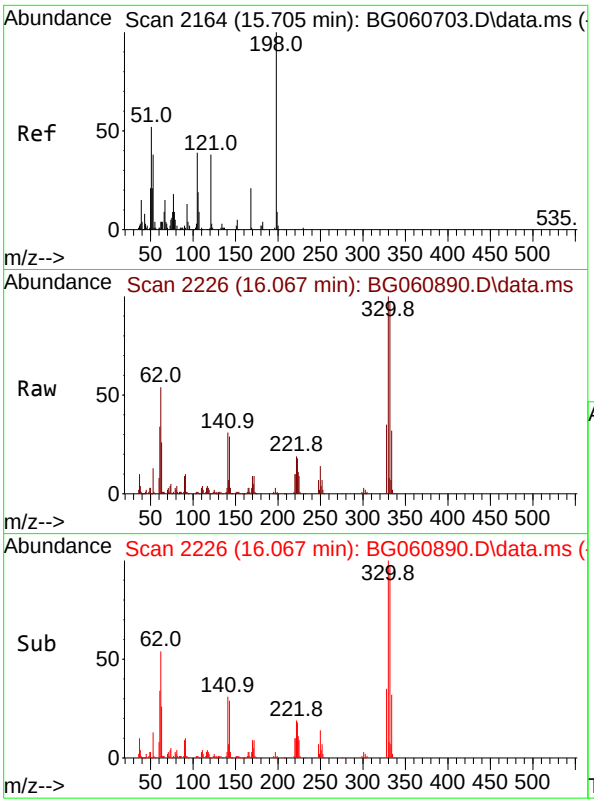


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.331 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:188 Resp: 364600

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.6	9.8
80	7.7	7.6	11.4



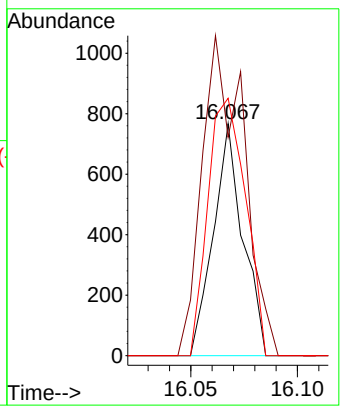


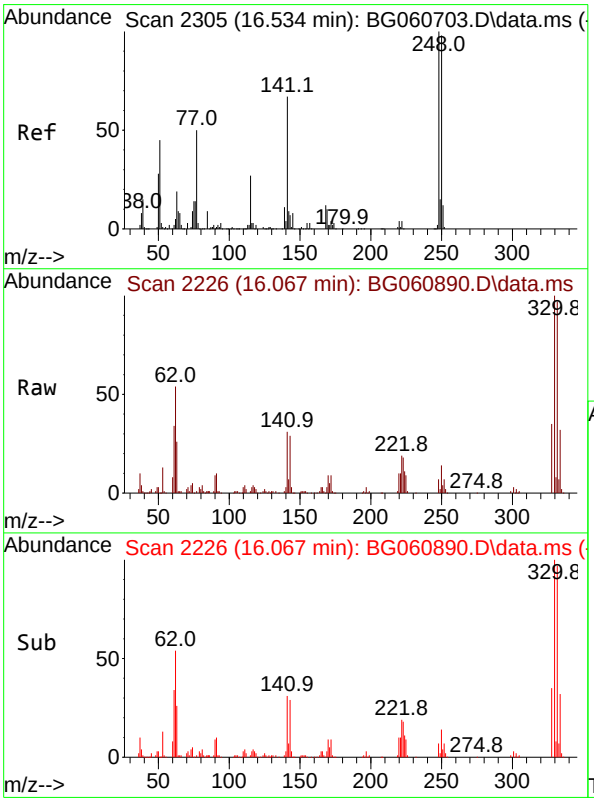
#65
4,6-Dinitro-2-methylphenol
Concen: 7.451 ng
RT: 16.067 min Scan# 2
Delta R.T. 0.362 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:198 Resp: 736

Ion	Ratio	Lower	Upper
198	100		
51	94.1	36.7	76.7#
105	111.0	19.1	59.1#

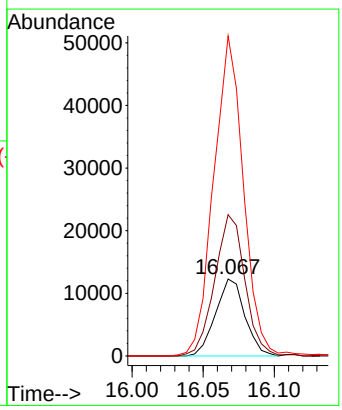


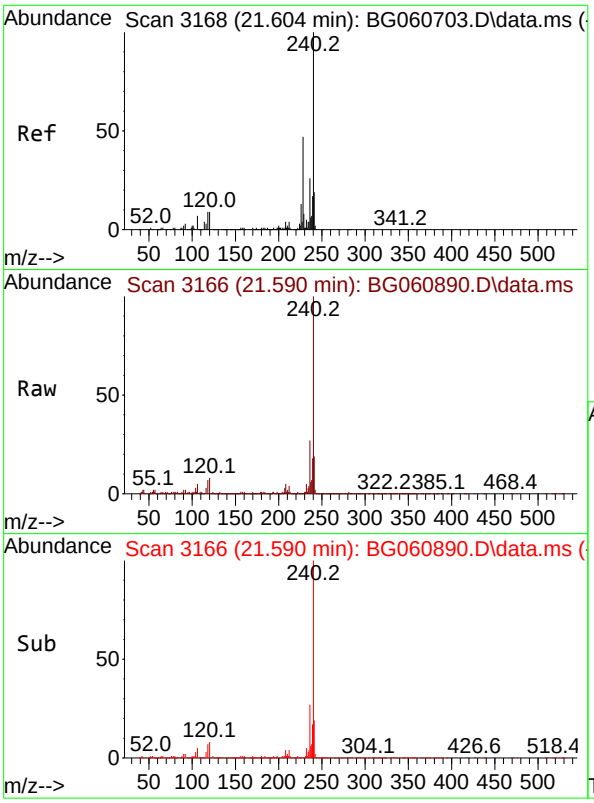


#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:248 Resp: 17654

Ion	Ratio	Lower	Upper
248	100		
250	183.5	78.3	117.5#
141	415.4	53.7	80.5#



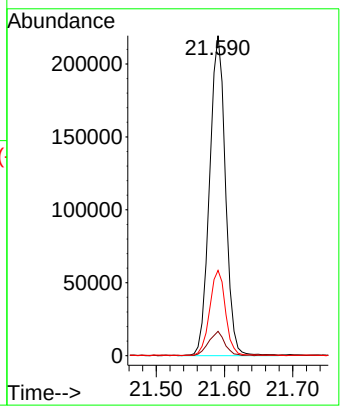


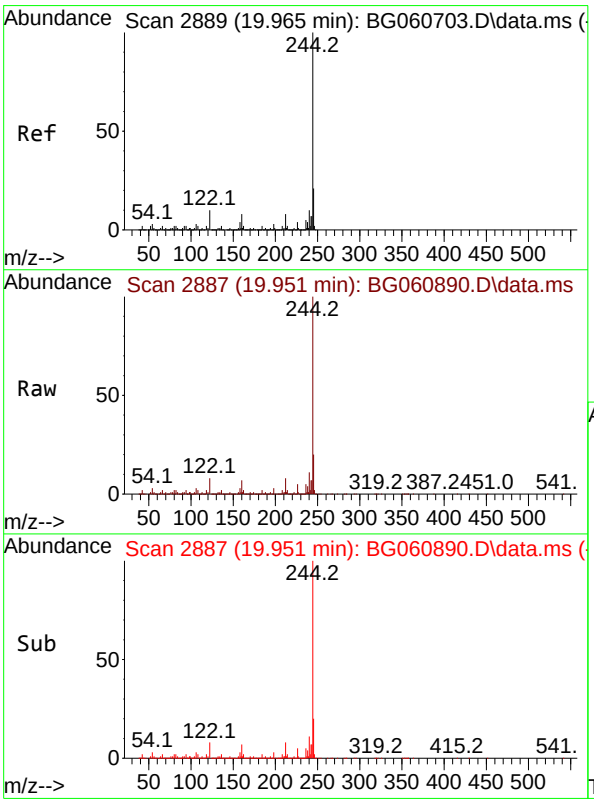
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:240 Resp: 355678

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.1	10.7
236	26.7	20.7	31.1

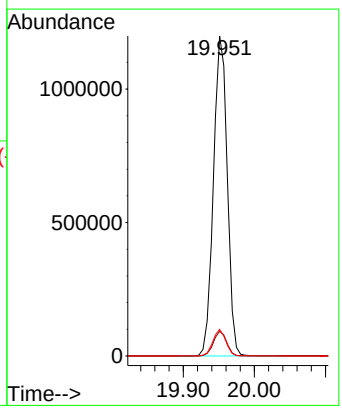


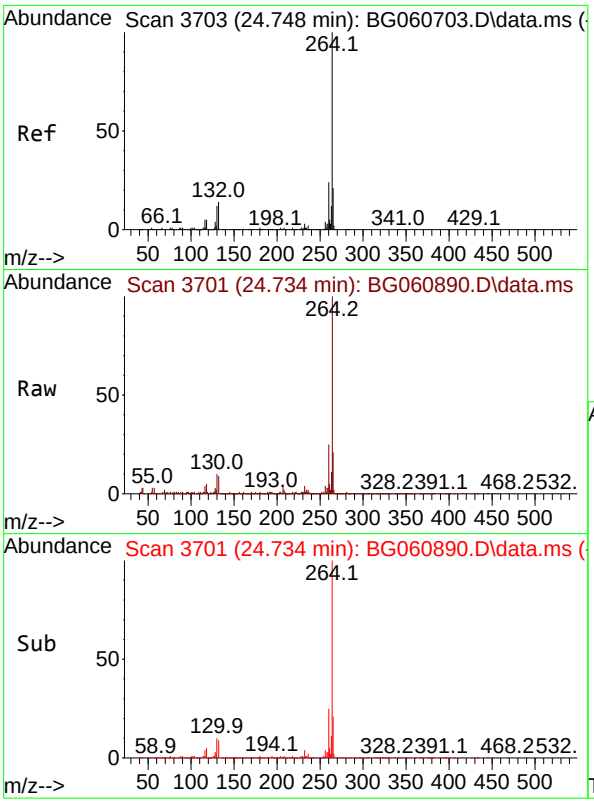


#79
Terphenyl-d14
Concen: 79.750 ng
RT: 19.951 min Scan# 2887
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Tgt Ion:244 Resp: 1610893

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	8.3	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.734 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG060890.D
Acq: 13 Apr 2024 12:25

Instrument :
BNA_G
ClientSampleId :
PB160208BL

Tgt Ion:264 Resp: 408485

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.4	16.9	25.3