Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060247.D
Acq On : 4 Jan 2024 16:19
Operator : MA/JU
Sample : 05964-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0MA2

Quant Time: Jan 04 17:03:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	198187	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	795819	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	622821	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1619595	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1555133	20.000	ng	0.00
86) Perylene-d12	24.762	264	1743945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	773250	58.889	ng	0.00
7) Phenol-d6	7.100	99	658264	33.764	ng	0.00
23) Nitrobenzene-d5	9.098	82	1564156	90.785	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1177056	141.183	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3699950	85.380	ng	0.00
79) Terphenyl-d14	19.944	244	5524998	68.301	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	192494	14.453	ng	# 82
32) Benzoic acid	10.079	122	62	10.277	ng	# 57
51) 2,6-Dinitrotoluene	14.574	165	83068	8.305	ng	# 30
54) 2,4-Dinitrophenol	14.621	184	152	8.260	ng	# 53
57) 2,4-Dinitrotoluene	14.574	165	83068	6.108	ng	# 27
67) 4-Bromophenyl-phenylether	16.066	248	71033	4.137	ng	# 1
77) Benzidine	19.944	184	100945	2.345	ng	# 90

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

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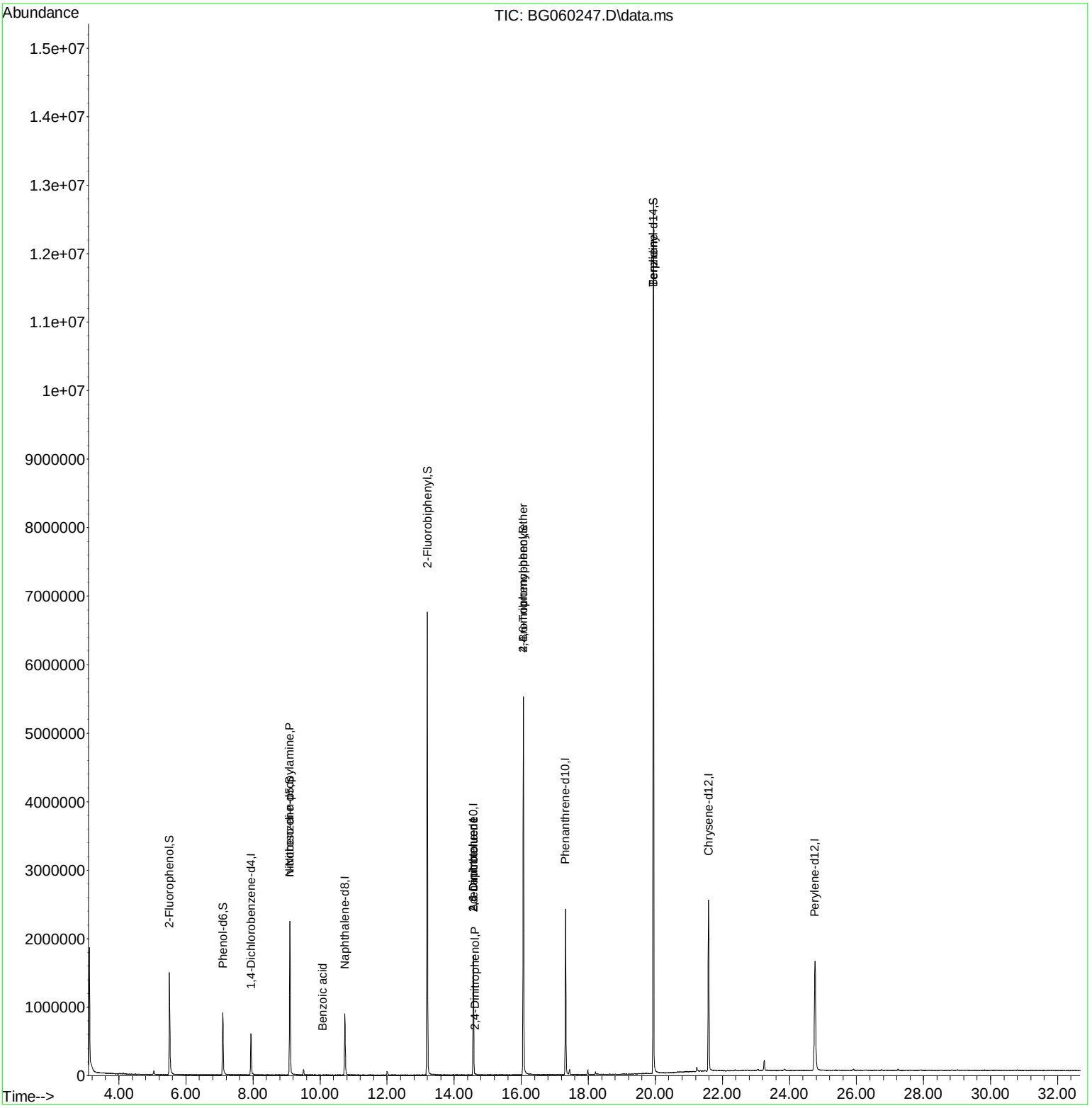
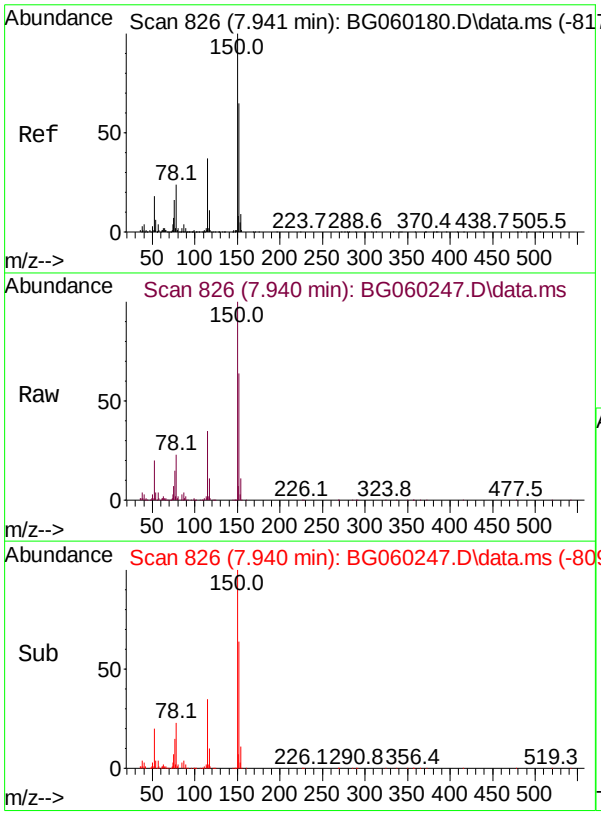


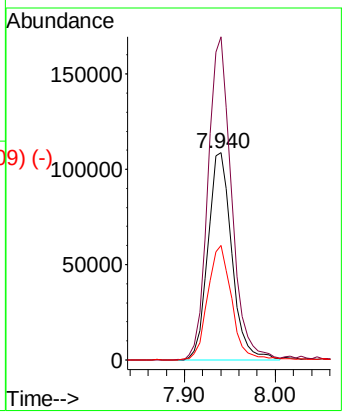


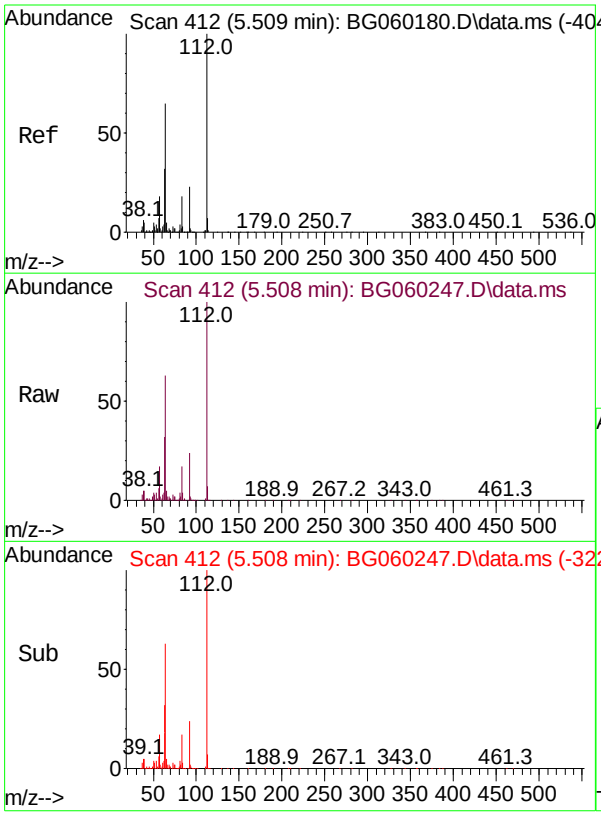
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:152 Resp: 198187

Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.4	185.0
115	55.3	45.4	68.0

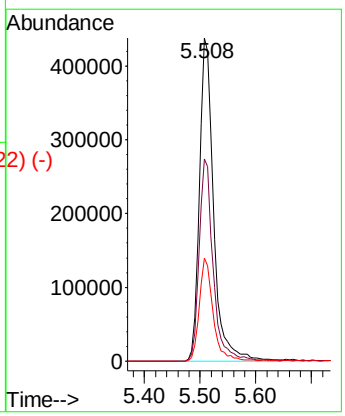


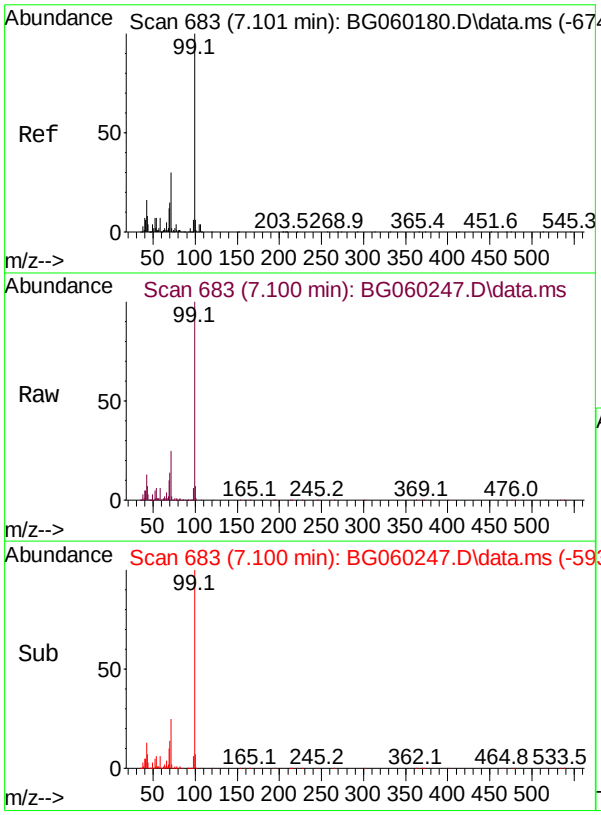


#5
2-Fluorophenol
Concen: 58.889 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:112 Resp: 773250

Ion	Ratio	Lower	Upper
112	100		
64	62.5	52.2	78.4
63	31.9	25.4	38.0



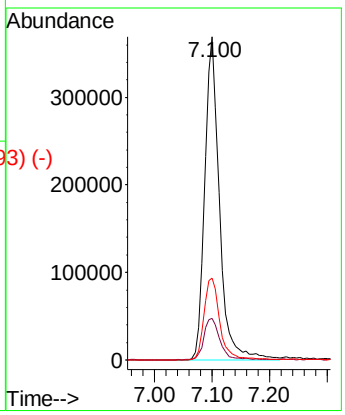


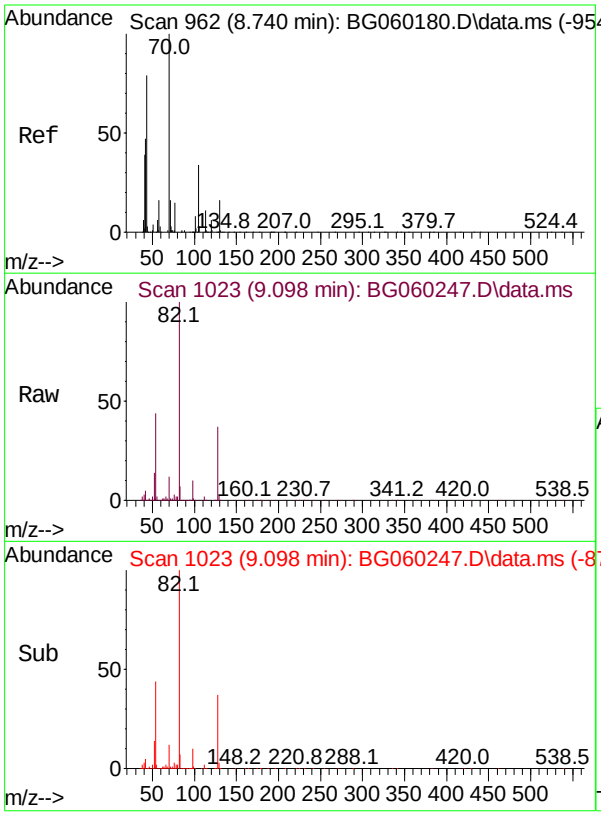
#7
Phenol-d6
Concen: 33.764 ng
RT: 7.100 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion: 99 Resp: 658264

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.5	18.7
71	25.4	24.1	36.1

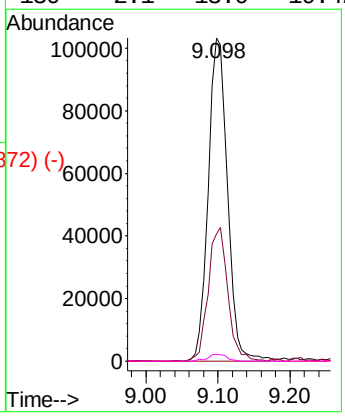


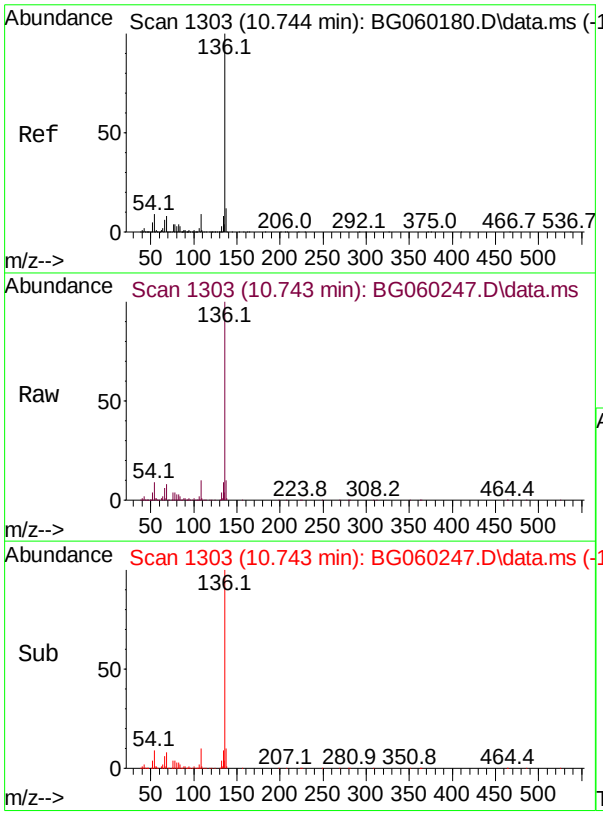


#19
n-Nitroso-di-n-propylamine
Concen: 14.453 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.357 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion: 70 Resp: 192494

Ion	Ratio	Lower	Upper
70	100		
42	39.5	37.9	56.9
101	0.0	6.2	9.2#
130	2.1	13.0	19.4#



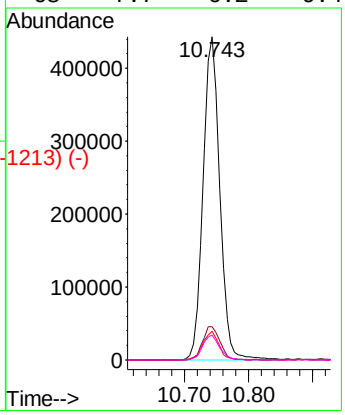


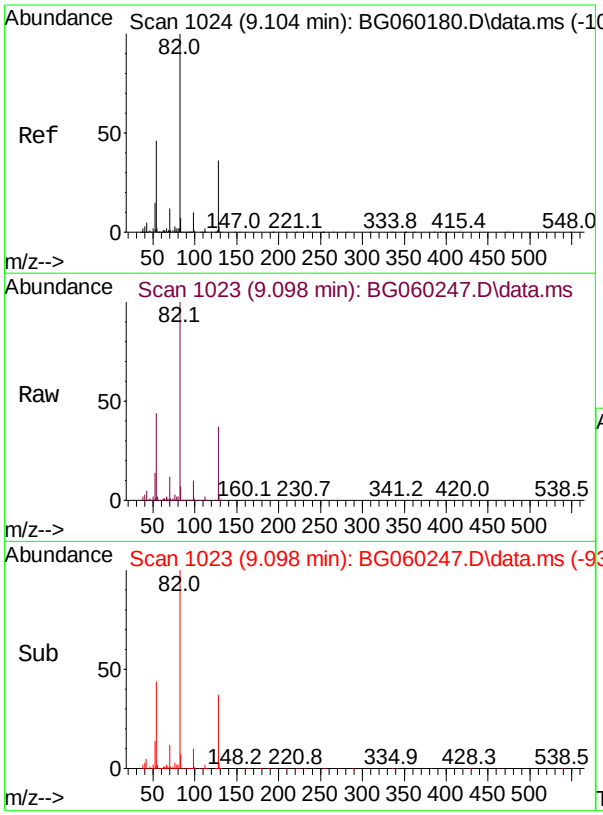
#24
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:136 Resp: 795819

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.0
54	8.9	7.4	11.2
68	7.7	6.2	9.4

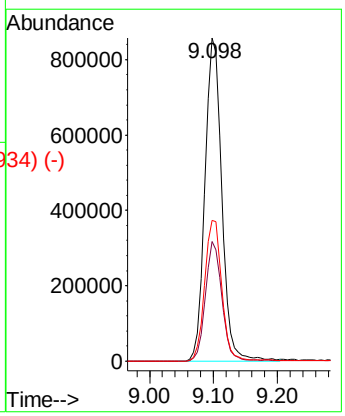


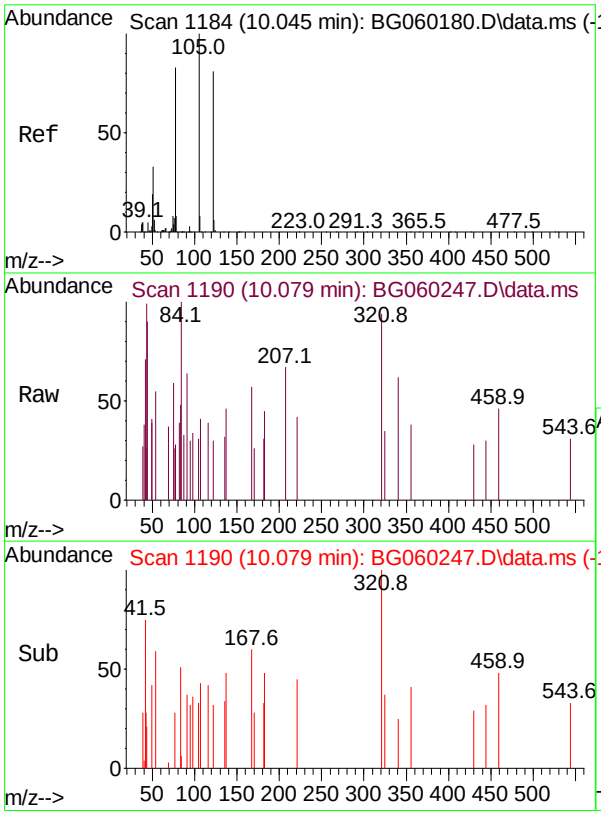


#23
Nitrobenzene-d5
Concen: 90.785 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion: 82 Resp: 1564156

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.7	43.1
54	43.5	36.9	55.3



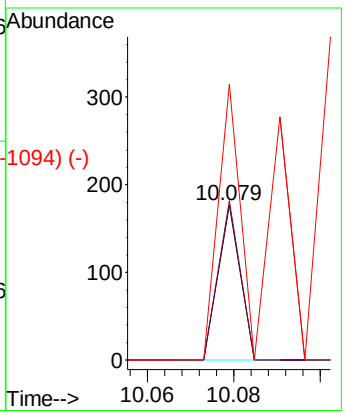


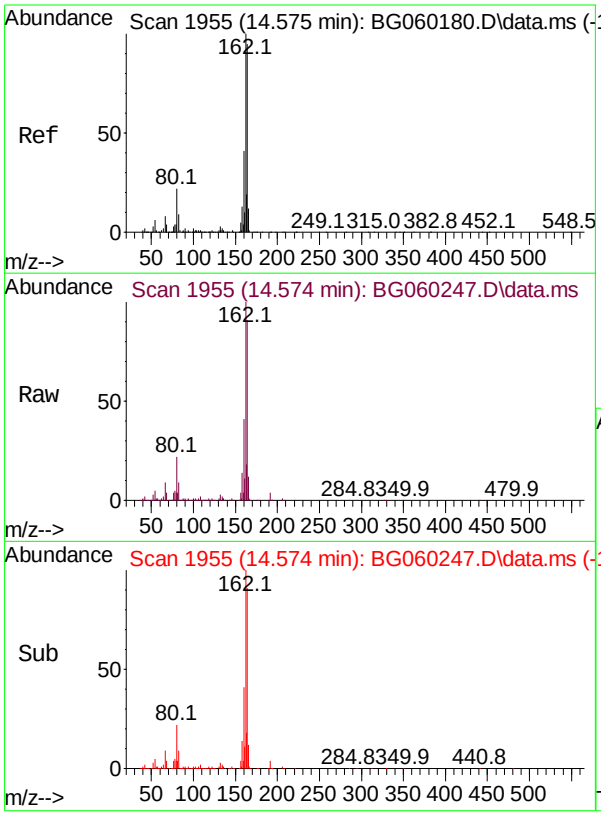
#32
Benzoic acid
Concen: 10.277 ng
RT: 10.079 min Scan# 1
Delta R.T. 0.034 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	102.8	99.2	139.2
77	178.0	81.0	121.0#

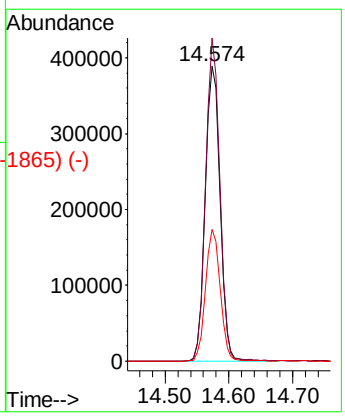


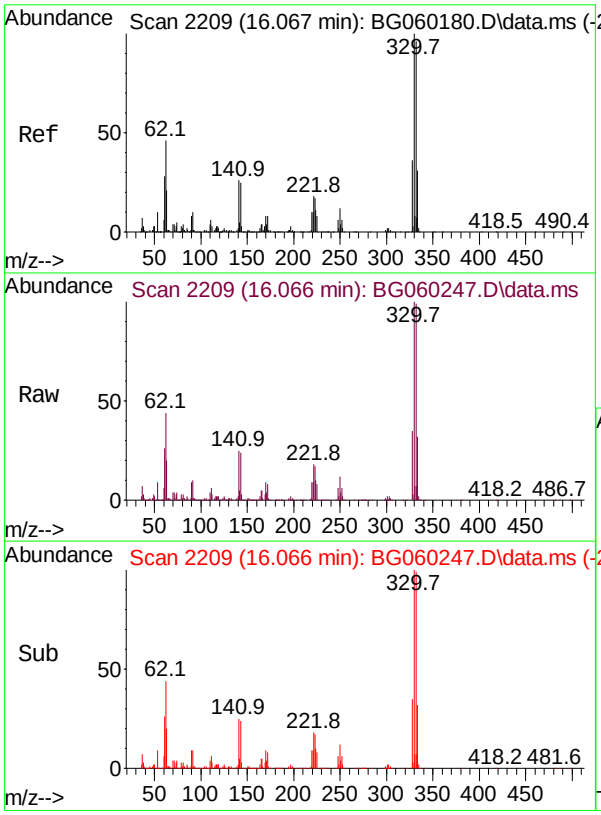


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:164 Resp: 622821

Ion	Ratio	Lower	Upper
164	100		
162	109.5	83.9	125.9
160	44.6	34.2	51.4



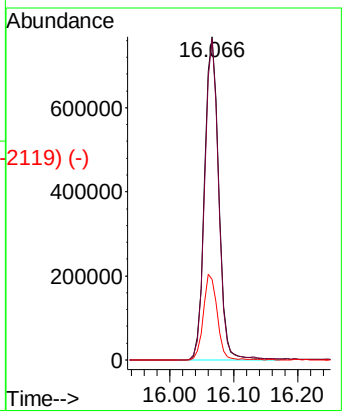


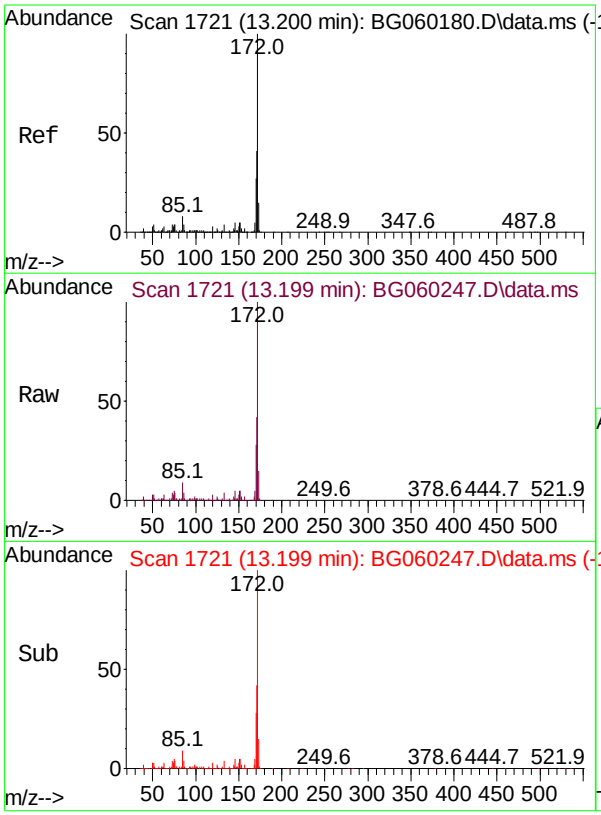
#42
2,4,6-Tribromophenol
Concen: 141.183 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:330 Resp: 1177056

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	25.8	21.0	31.4

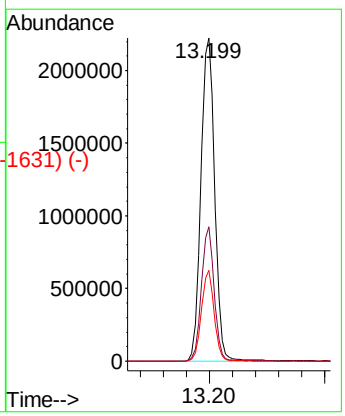


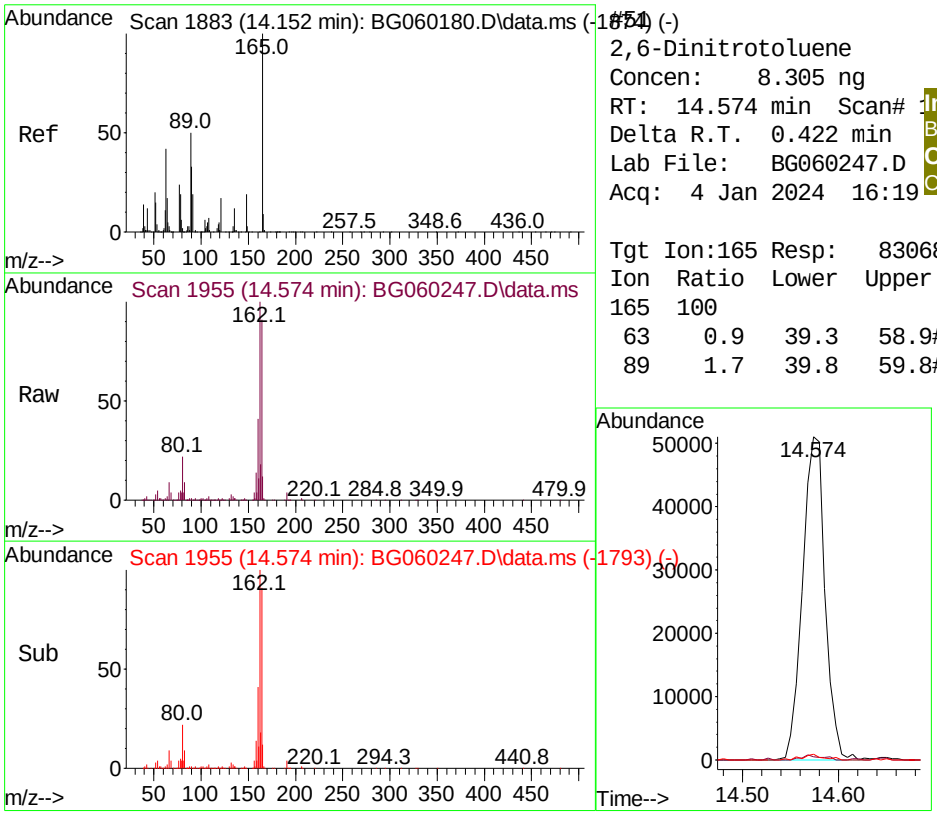


#45
2-Fluorobiphenyl
Concen: 85.380 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:172 Resp: 3699950

Ion	Ratio	Lower	Upper
172	100		
171	41.6	32.6	48.8
170	28.2	21.8	32.6



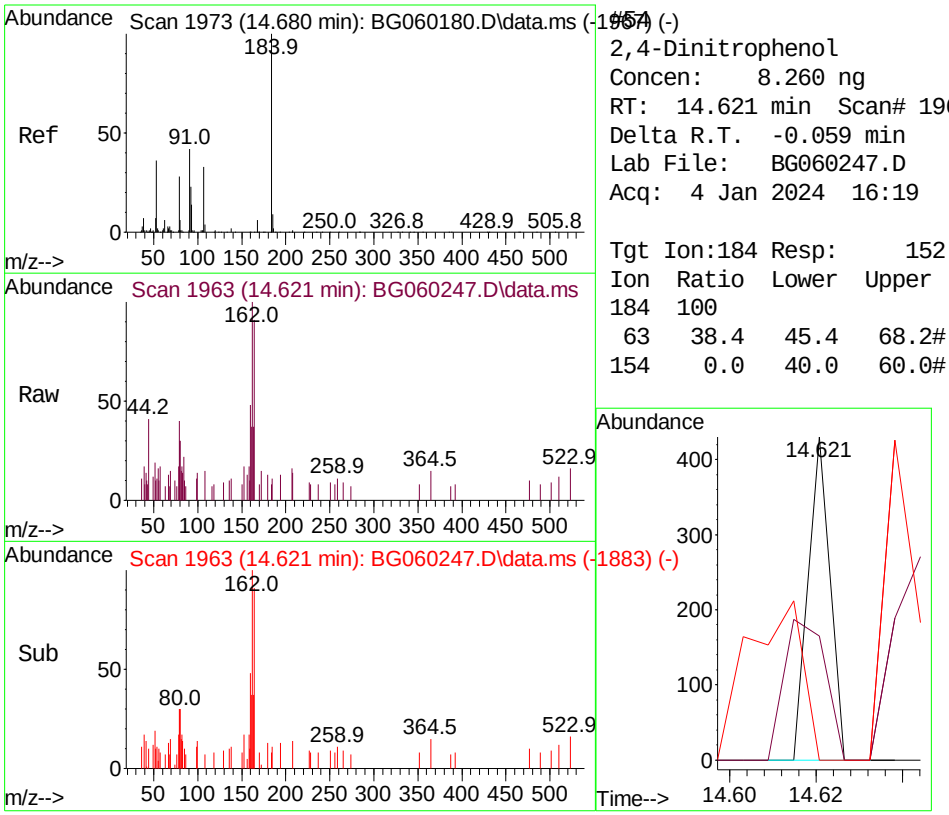


#54
2,6-Dinitrotoluene
Concen: 8.305 ng
RT: 14.574 min Scan# 1
Delta R.T. 0.422 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:165 Resp: 83068

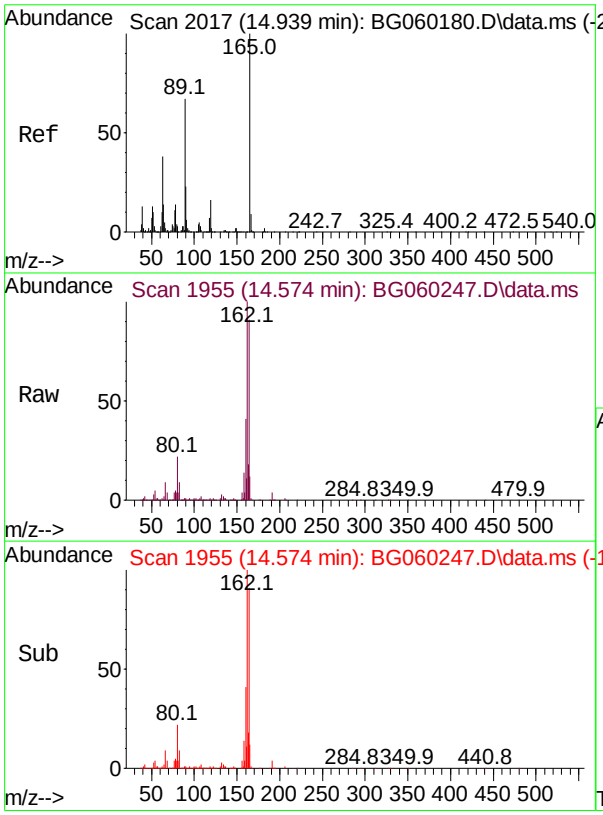
Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.3	58.9#
89	1.7	39.8	59.8#



#54
2,4-Dinitrophenol
Concen: 8.260 ng
RT: 14.621 min Scan# 1963
Delta R.T. -0.059 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:184 Resp: 152

Ion	Ratio	Lower	Upper
184	100		
63	38.4	45.4	68.2#
154	0.0	40.0	60.0#

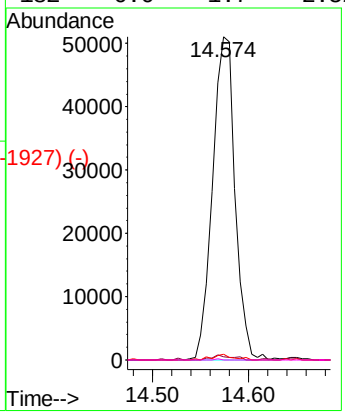


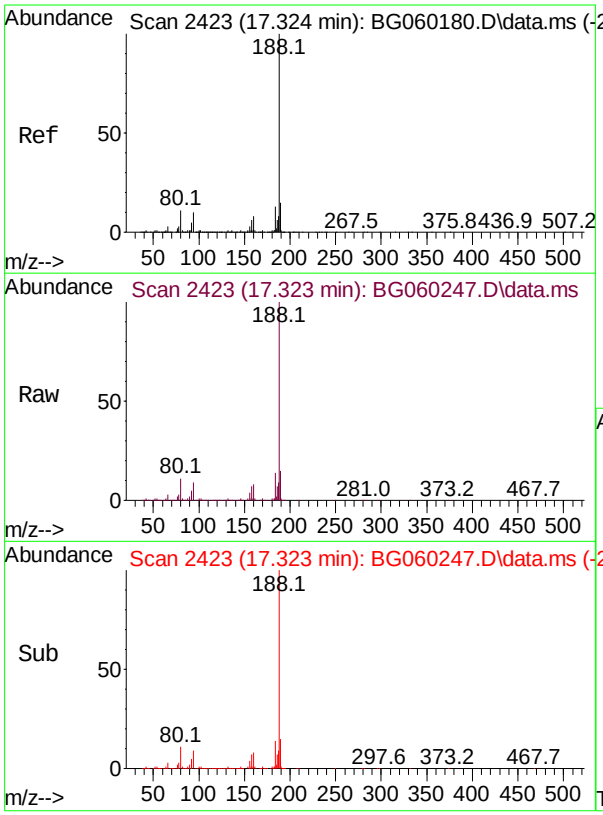
#57
2,4-Dinitrotoluene
Concen: 6.108 ng
RT: 14.574 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:165 Resp: 83068

Ion	Ratio	Lower	Upper
165	100		
63	0.9	31.0	46.6#
89	1.7	53.3	79.9#
182	0.0	1.7	2.5#

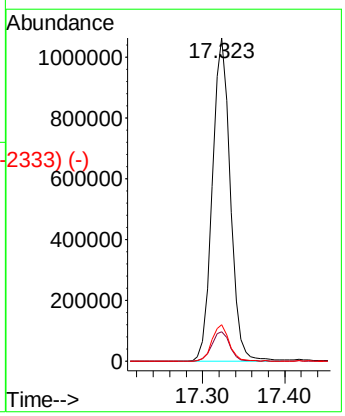


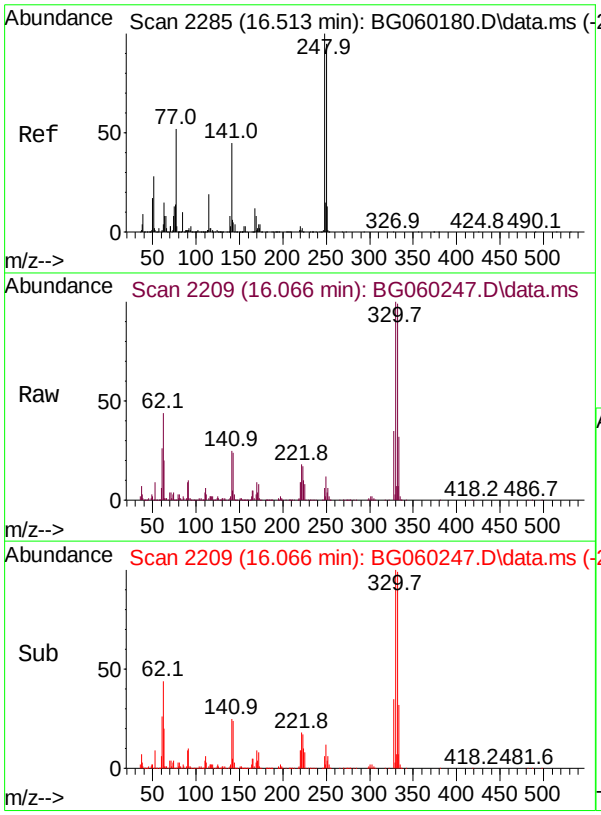


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:188 Resp: 1619595

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	11.3	8.6	13.0



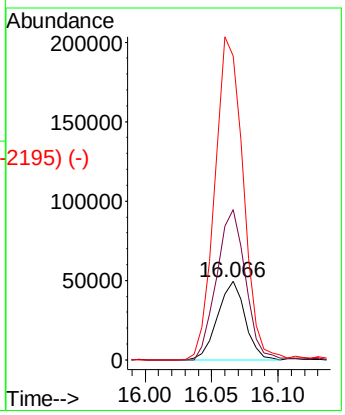


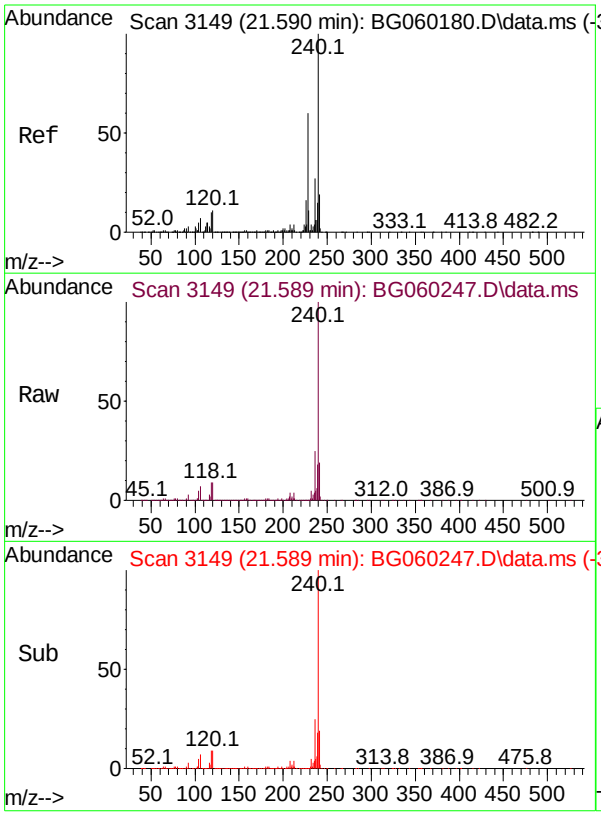
#67
4-Bromophenyl-phenylether
Concen: 4.137 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:248 Resp: 71033

Ion	Ratio	Lower	Upper
248	100		
250	149.4	76.2	114.4#
141	302.7	36.0	54.0#

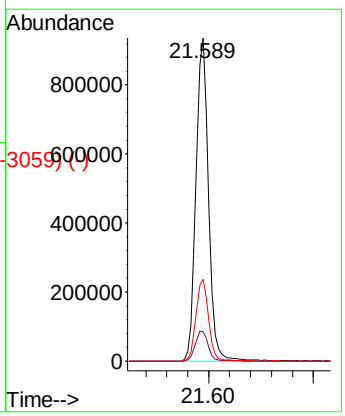


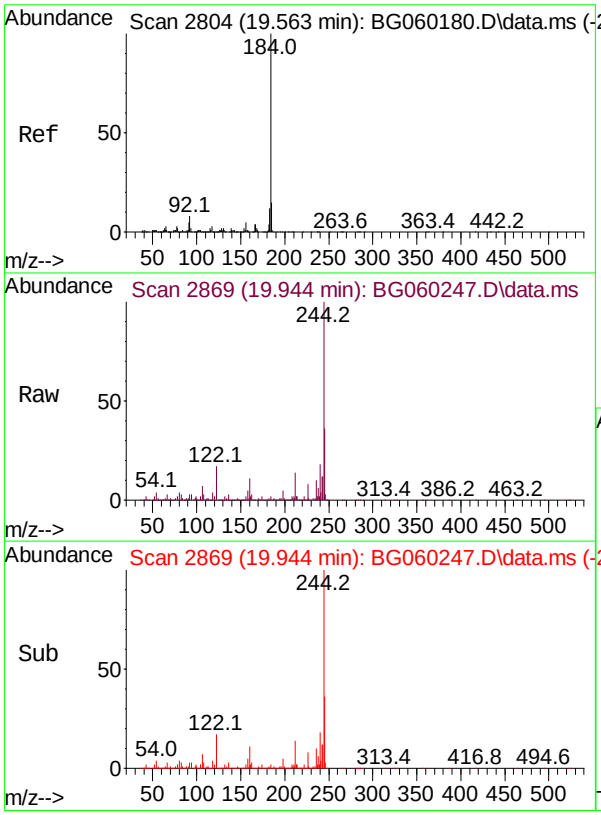


#70
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:240 Resp: 1555133

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.5	12.7
236	25.4	21.4	32.2



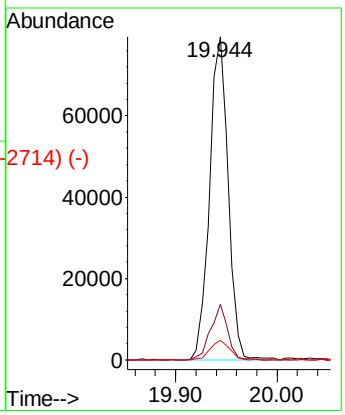


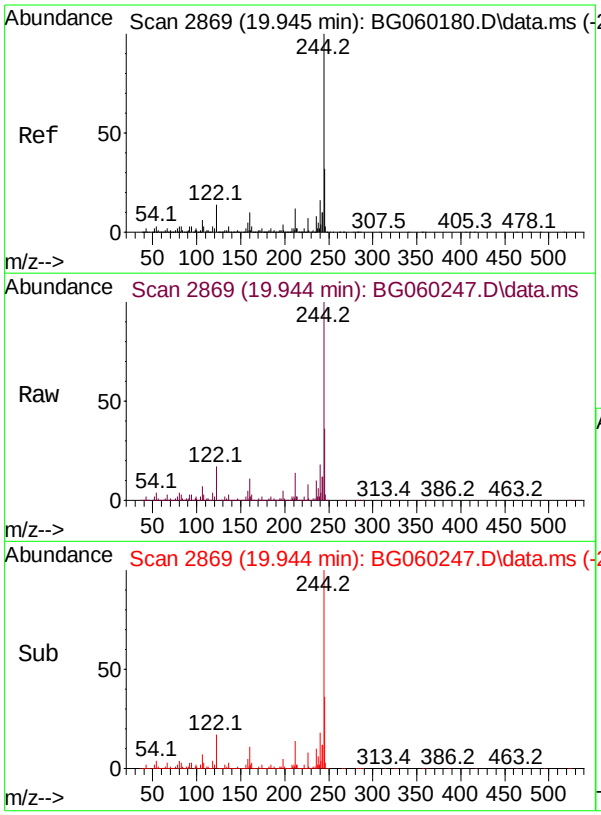
#77
Benzidine
Concen: 2.345 ng
RT: 19.944 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:184 Resp: 100945

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.7	17.5
183	6.1	9.4	14.2#

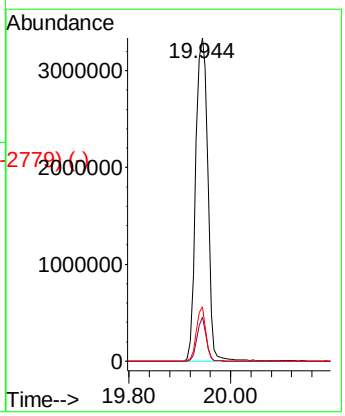


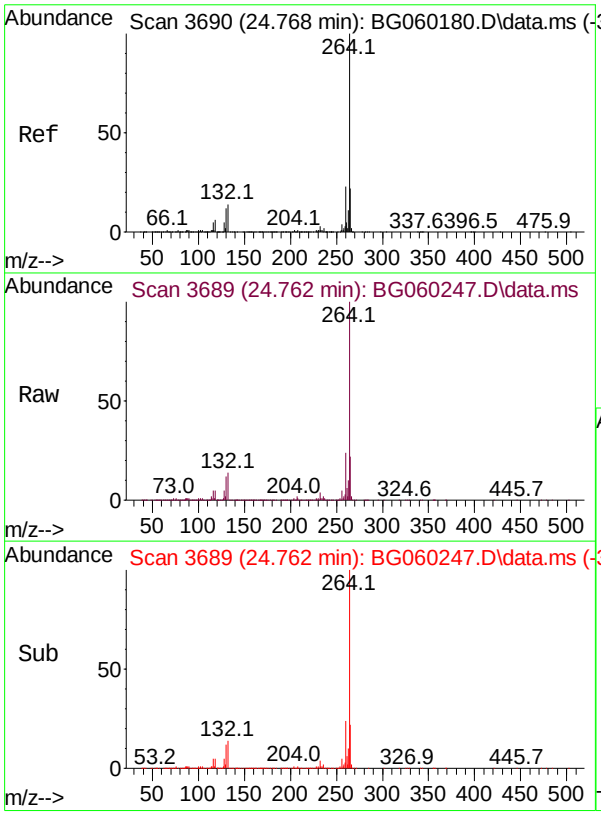


#79
Terphenyl-d14
Concen: 68.301 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Tgt Ion:244 Resp: 5524998

Ion	Ratio	Lower	Upper
244	100		
212	13.6	9.5	14.3
122	16.9	11.4	17.2





#36
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG060247.D
Acq: 4 Jan 2024 16:19

Instrument :
BNA_G
ClientSampleId :
C0MA2

Tgt Ion:264 Resp: 1743945

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.0	27.0
265	21.8	17.4	26.0