Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060075.D
Acq On : 18 Dec 2023 20:56
Operator : MA/JU
Sample : 05612-01DL2 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Quant Time: Dec 19 04:41:55 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	7.956	152	66215	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	253582	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	228623	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	669529	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	695220	20.000	ng	# 0.00
86) Perylene-d12	24.807	264	778224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.518	112	3487	0.901	ng	0.00
7) Phenol-d6	7.110	99	2861	0.526	ng	0.00
23) Nitrobenzene-d5	9.113	82	7219	1.293	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	8941	1.678	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	24171	1.294	ng	0.00
79) Terphenyl-d14	19.960	244	56971	1.496	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.811	128	1361797	103.159	ng	98
33) 4-Chloroaniline	10.811	127	183666	36.565	ng	# 29
37) 2-Methylnaphthalene	12.415	142	106825	10.318	ng	88
38) 1-Methylnaphthalene	12.415	142	106825	10.445	ng	97
51) 2,6-Dinitrotoluene	14.589	165	32259	8.775	ng	# 22
52) Acenaphthene	14.654	154	33343	2.412	ng	97
57) 2,4-Dinitrotoluene	14.589	165	32259	6.243	ng	# 25
69) Atrazine	16.734	200	76	Below Cal		# 64

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060075.D
Acq On : 18 Dec 2023 20:56
Operator : MA/JU
Sample : 05612-01DL2 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 19 04:41:55 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
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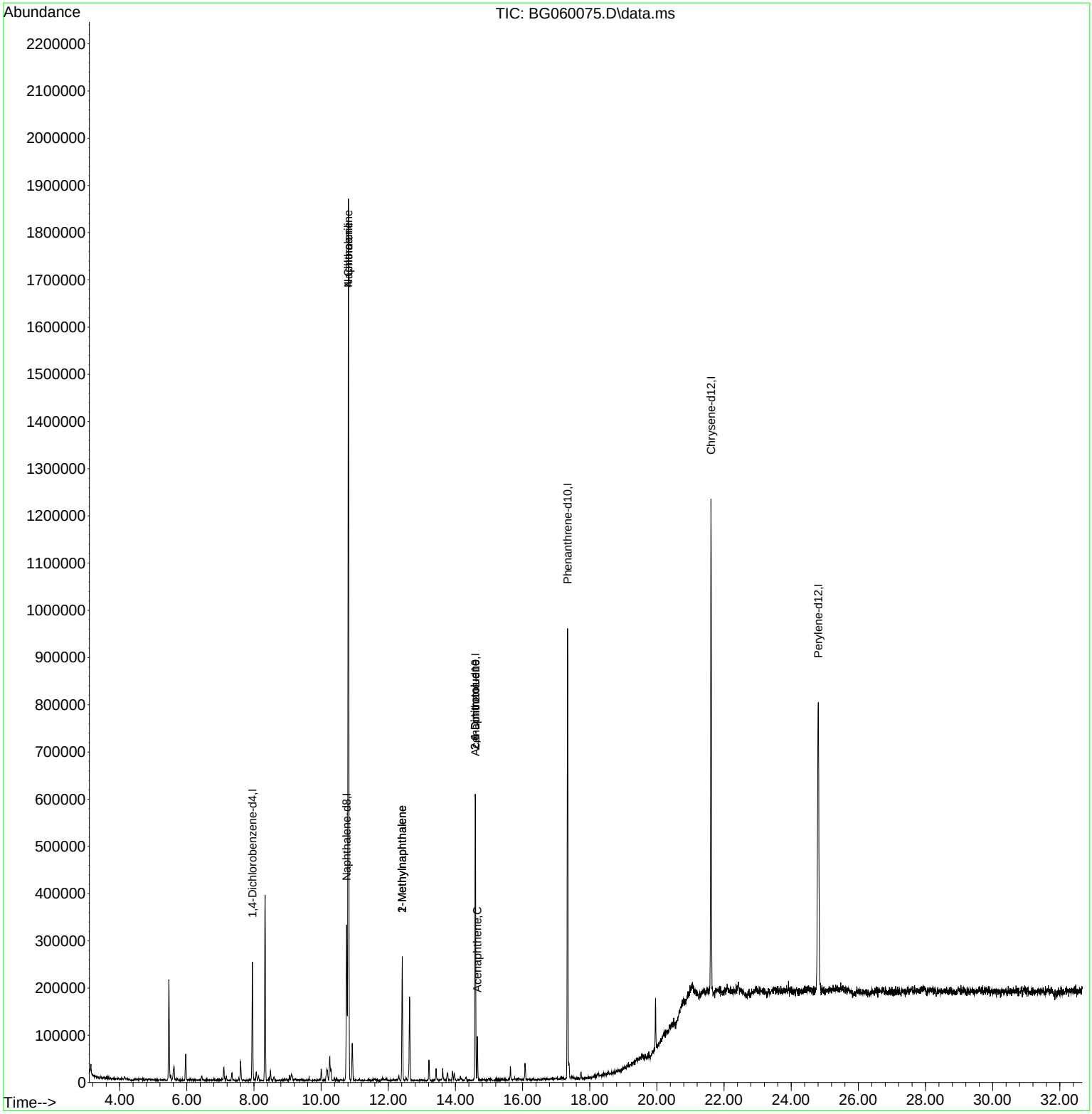
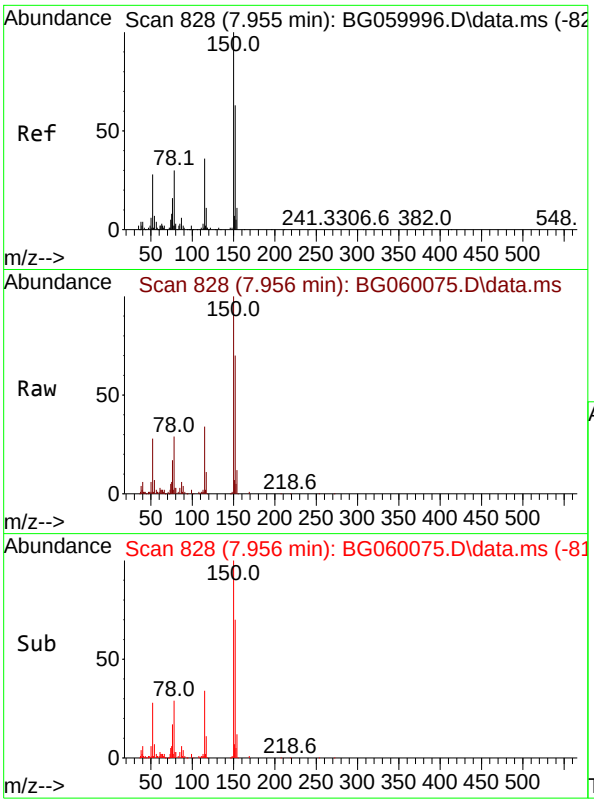


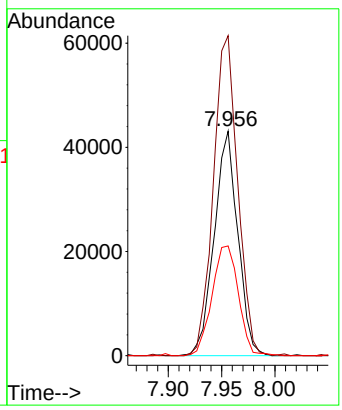


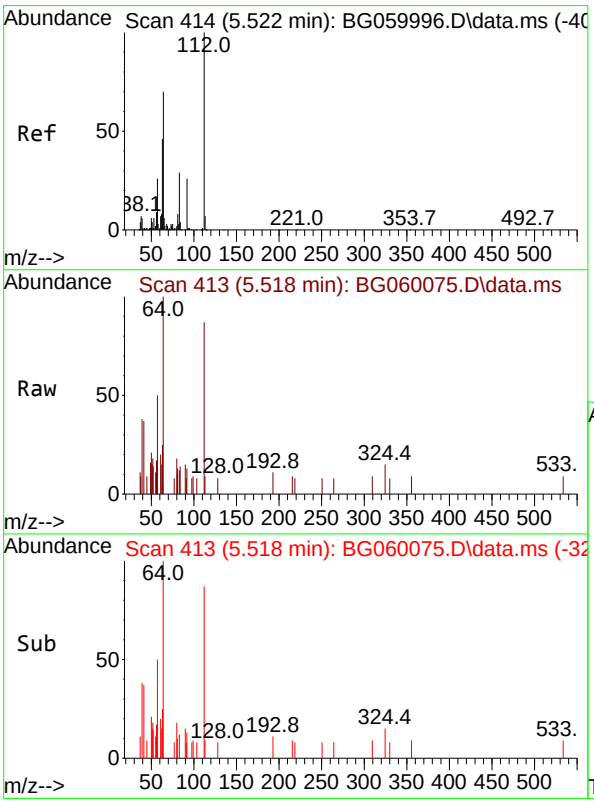
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:152 Resp: 66215

Ion	Ratio	Lower	Upper
152	100		
150	142.6	127.0	190.6
115	48.9	45.7	68.5

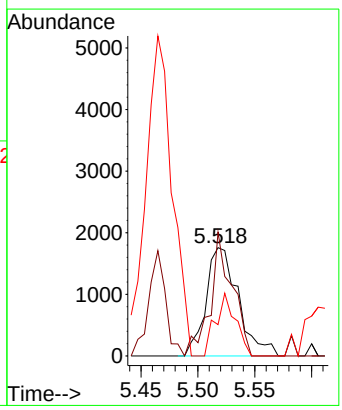


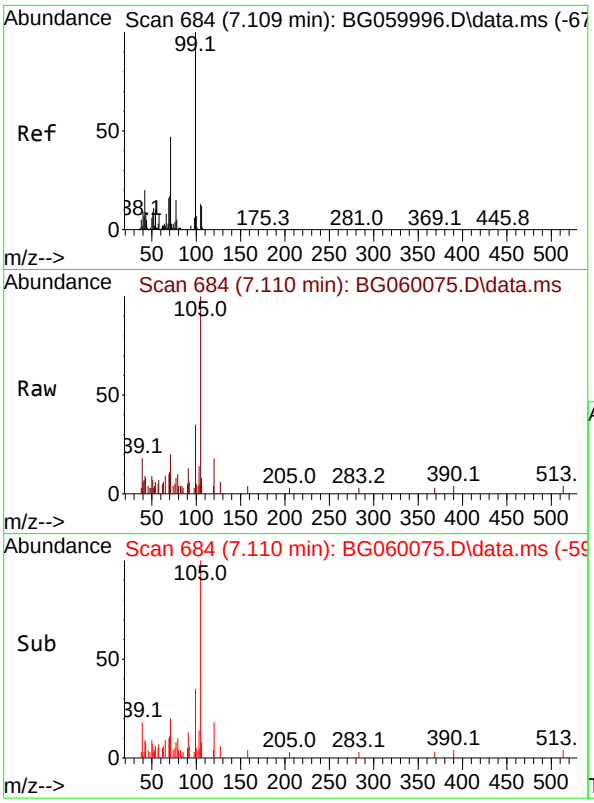


#5
2-Fluorophenol
Concen: 0.901 ng
RT: 5.518 min Scan# 413
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:112 Resp: 3487

Ion	Ratio	Lower	Upper
112	100		
64	114.3	55.9	83.9#
63	28.9	36.5	54.7#



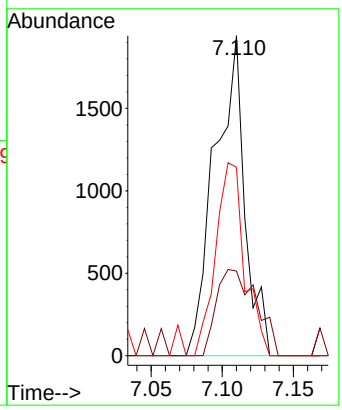


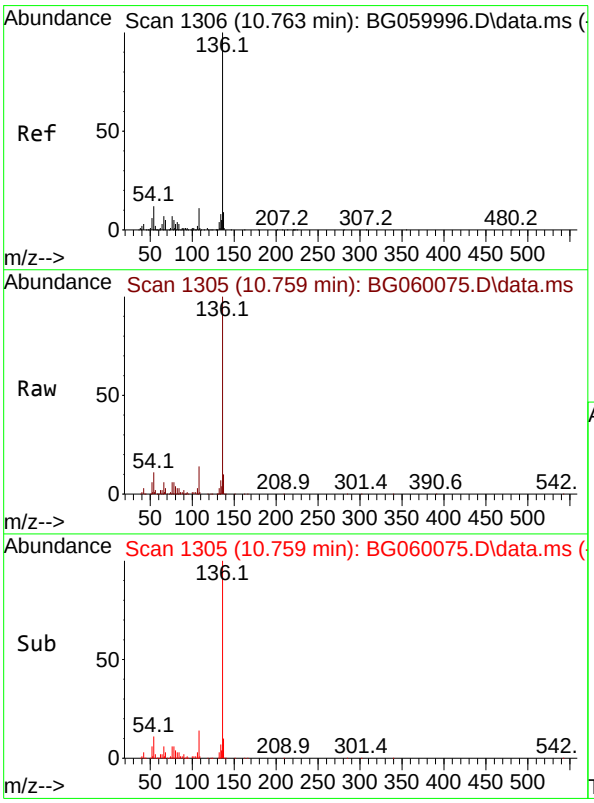
#7
Phenol-d6
Concen: 0.526 ng
RT: 7.110 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion: 99 Resp: 2861

Ion	Ratio	Lower	Upper
99	100		
42	26.5	16.2	24.4#
71	58.9	37.6	56.4#

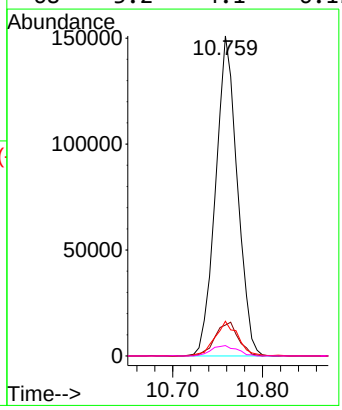


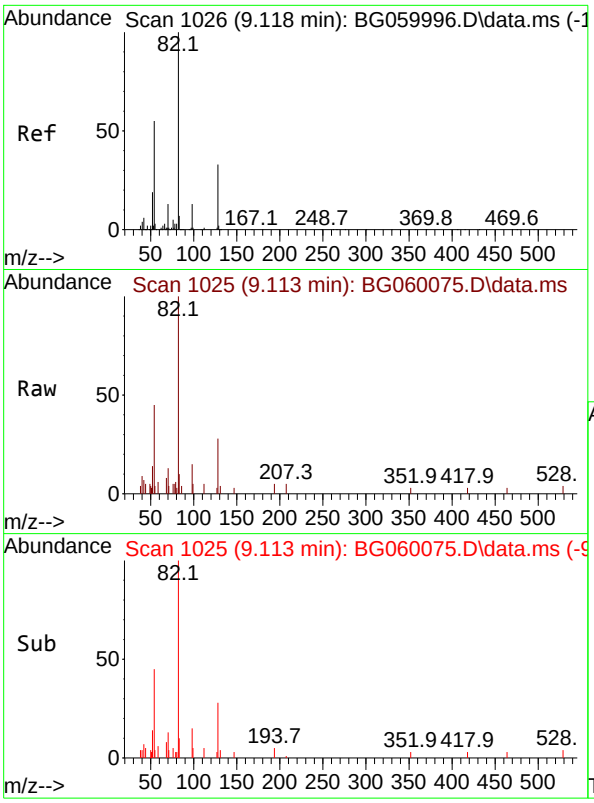


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:136 Resp: 253582

Ion	Ratio	Lower	Upper
136	100		
137	9.7	7.3	10.9
54	10.8	9.6	14.4
68	3.2	4.1	6.1#



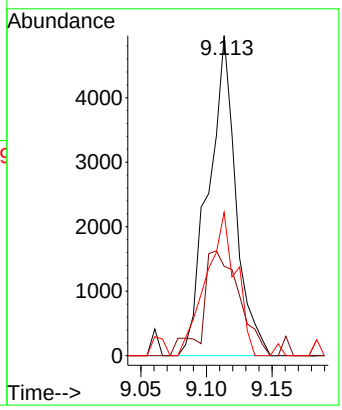


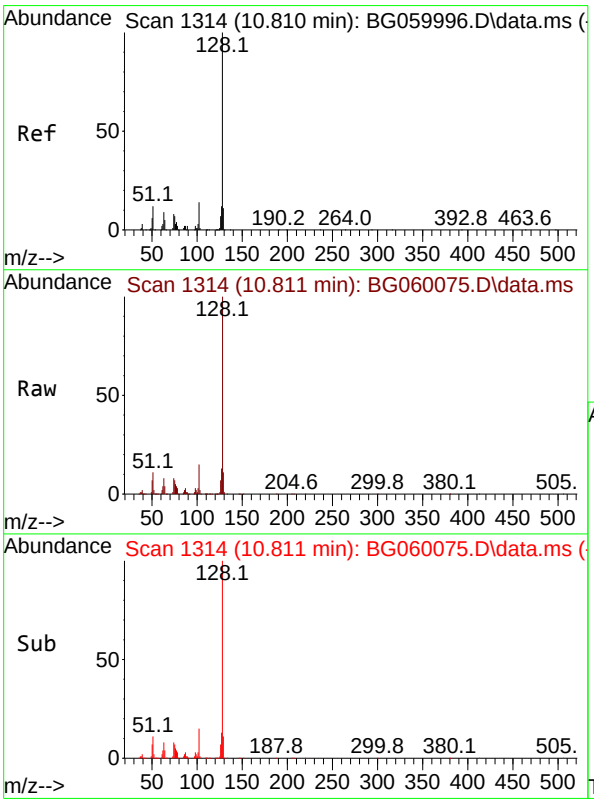
#23
Nitrobenzene-d5
Concen: 1.293 ng
RT: 9.113 min Scan# 1(
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion: 82 Resp: 7219

Ion	Ratio	Lower	Upper
82	100		
128	27.9	26.3	39.5
54	44.8	44.3	66.5

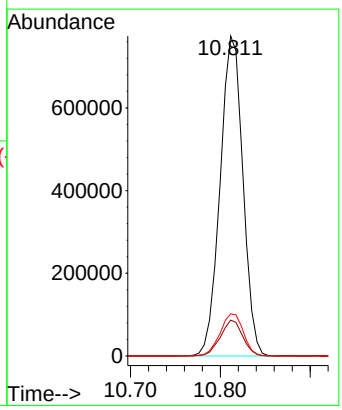


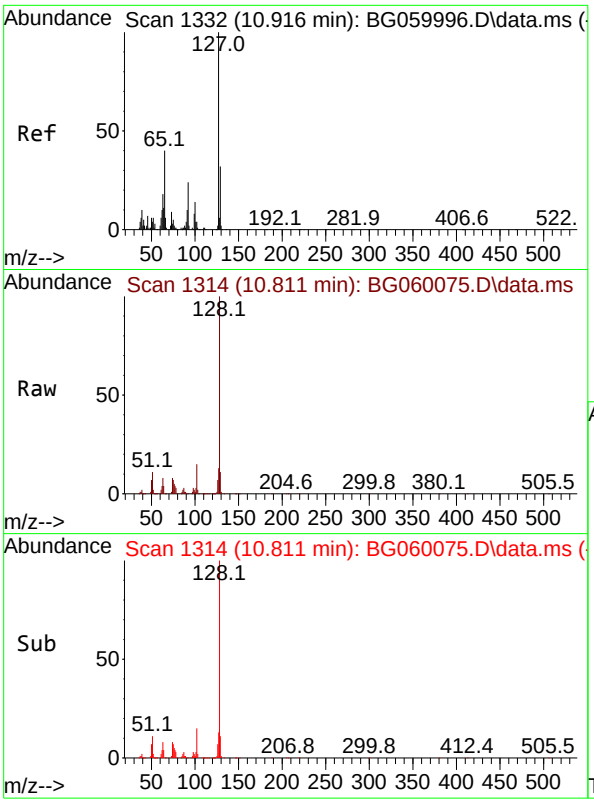


#31
Naphthalene
Concen: 103.159 ng
RT: 10.811 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:128 Resp: 1361797

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.2	9.7	14.5



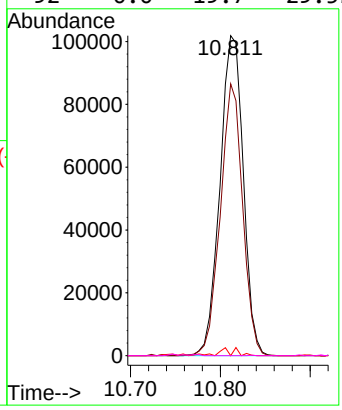


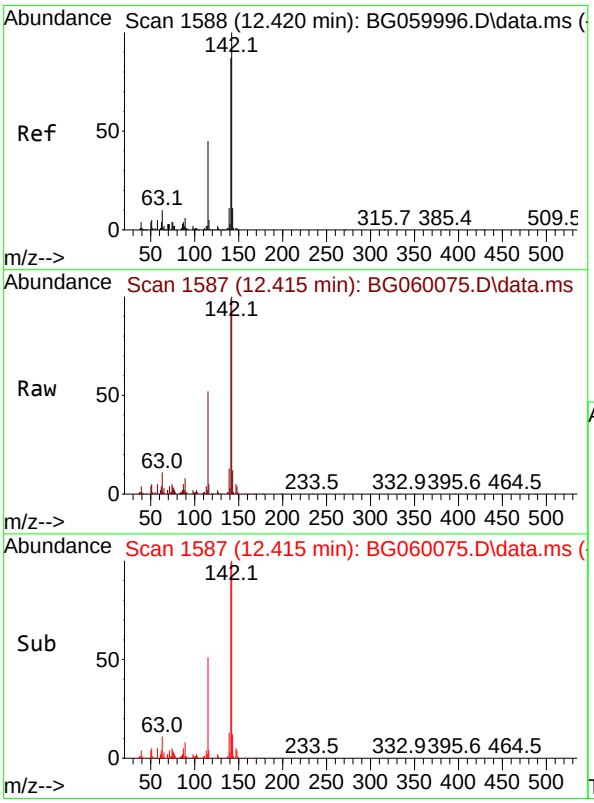
#33
4-Chloroaniline
Concen: 36.565 ng
RT: 10.811 min Scan# 1
Delta R.T. -0.102 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:127 Resp: 183666

Ion	Ratio	Lower	Upper
127	100		
129	85.0	25.7	38.5#
65	0.0	32.3	48.5#
92	0.0	19.7	29.5#

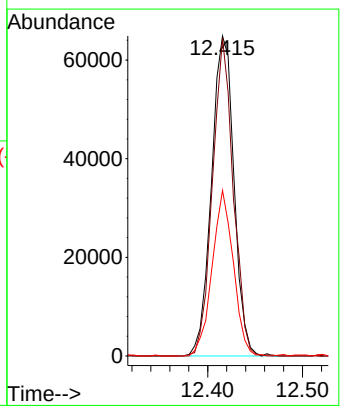


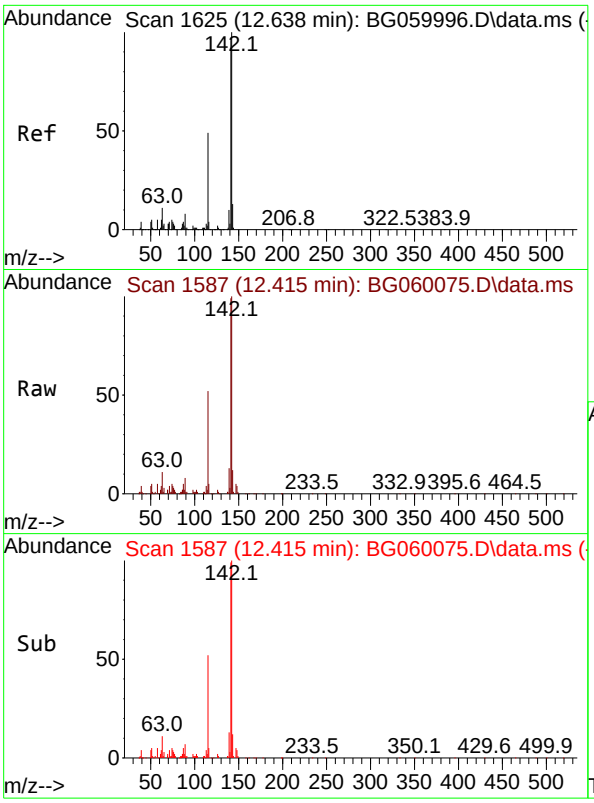


#37
2-Methylnaphthalene
Concen: 10.318 ng
RT: 12.415 min Scan# 1587
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:142 Resp: 106825

Ion	Ratio	Lower	Upper
142	100		
141	99.3	69.9	104.9
115	51.8	36.1	54.1



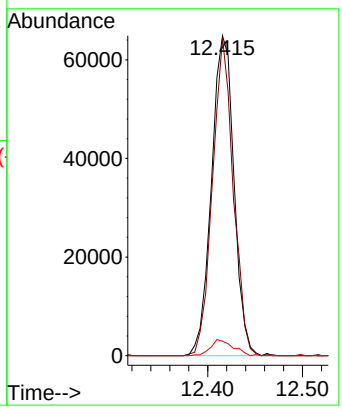


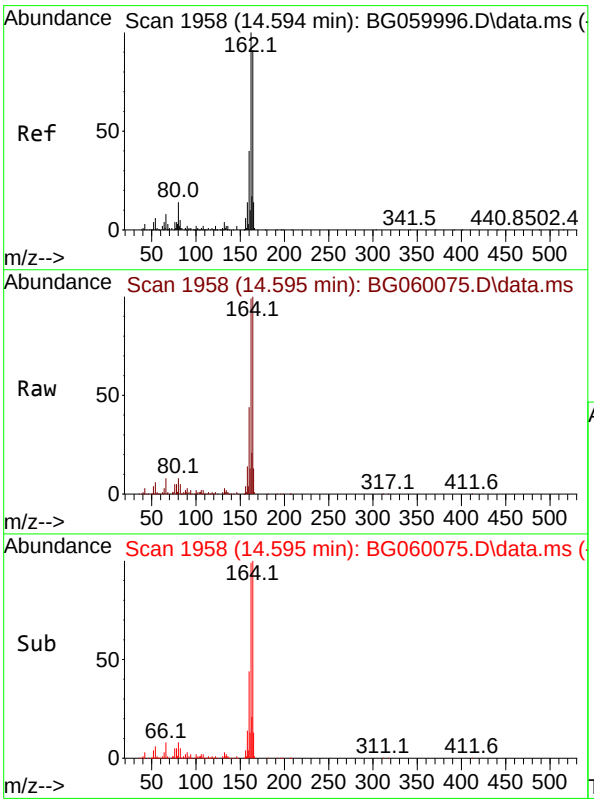
#38
1-Methylnaphthalene
Concen: 10.445 ng
RT: 12.415 min Scan# 1
Delta R.T. -0.226 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:142 Resp: 106825

Ion	Ratio	Lower	Upper
142	100		
141	99.3	76.9	115.3
116	4.5	3.5	5.3

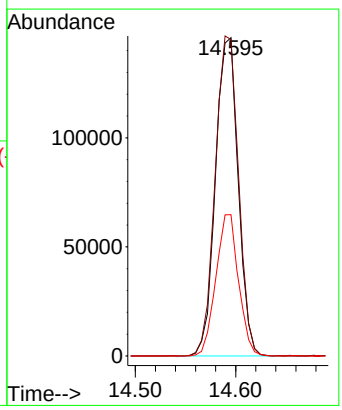


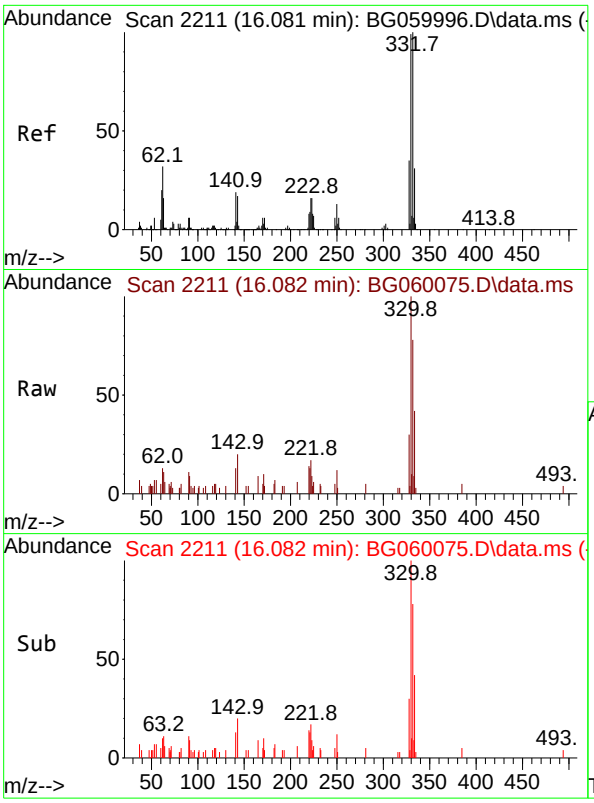


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:164 Resp: 228623

Ion	Ratio	Lower	Upper
164	100		
162	99.4	88.1	132.1
160	44.4	35.4	53.0



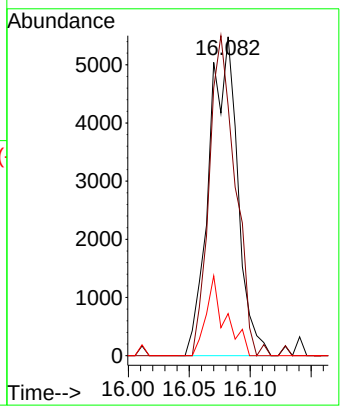


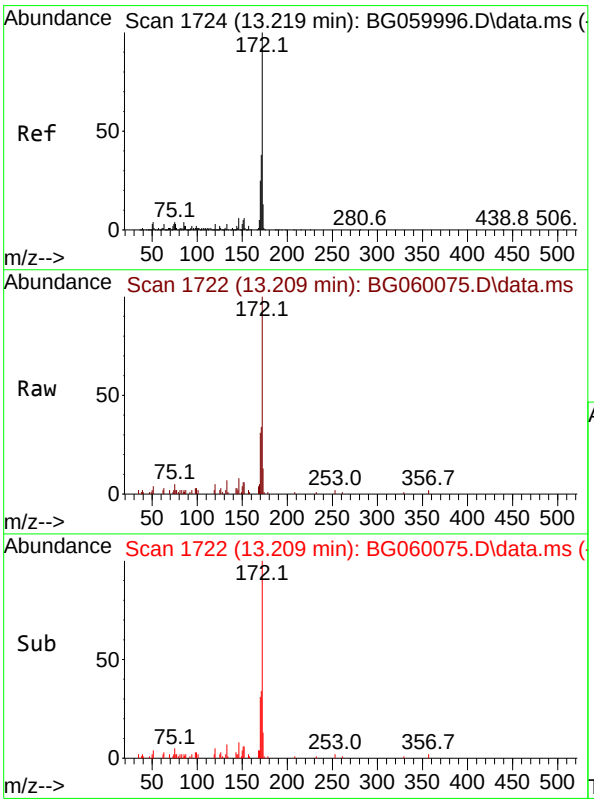
#42
2,4,6-Tribromophenol
Concen: 1.678 ng
RT: 16.082 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:330 Resp: 8941

Ion	Ratio	Lower	Upper
330	100		
332	91.2	76.2	114.4
141	17.0	14.3	21.5

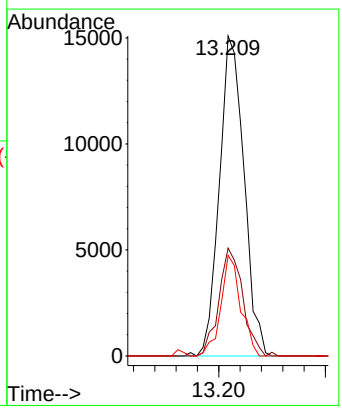


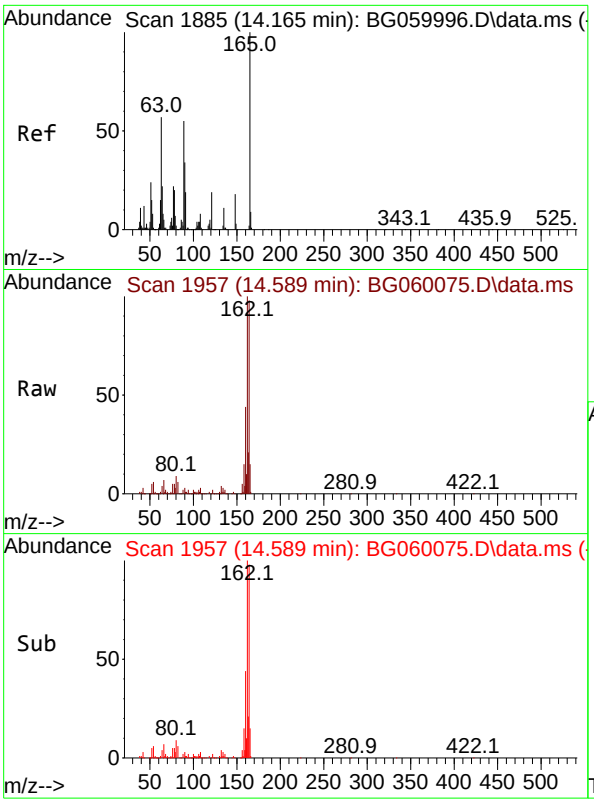


#45
2-Fluorobiphenyl
Concen: 1.294 ng
RT: 13.209 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:172 Resp: 24171

Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.1	45.1
170	31.4	20.0	30.0#



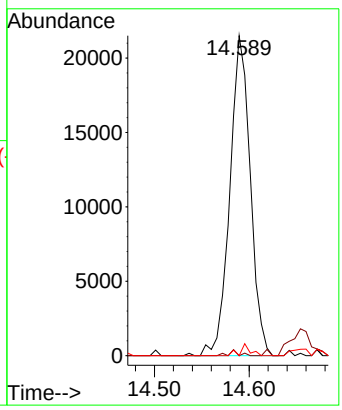


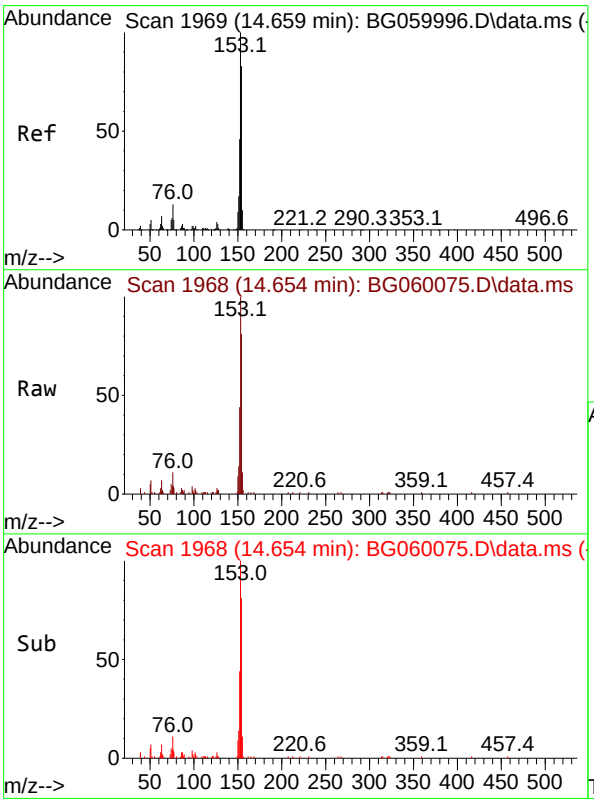
#51
2,6-Dinitrotoluene
Concen: 8.775 ng
RT: 14.589 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:165 Resp: 32259

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.2	72.2#
89	0.0	44.4	66.6#

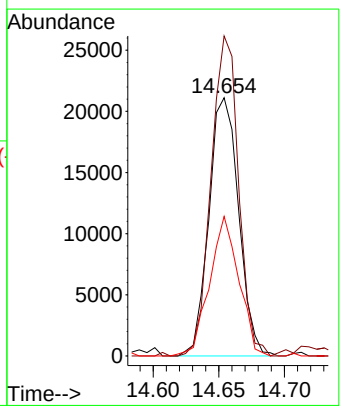


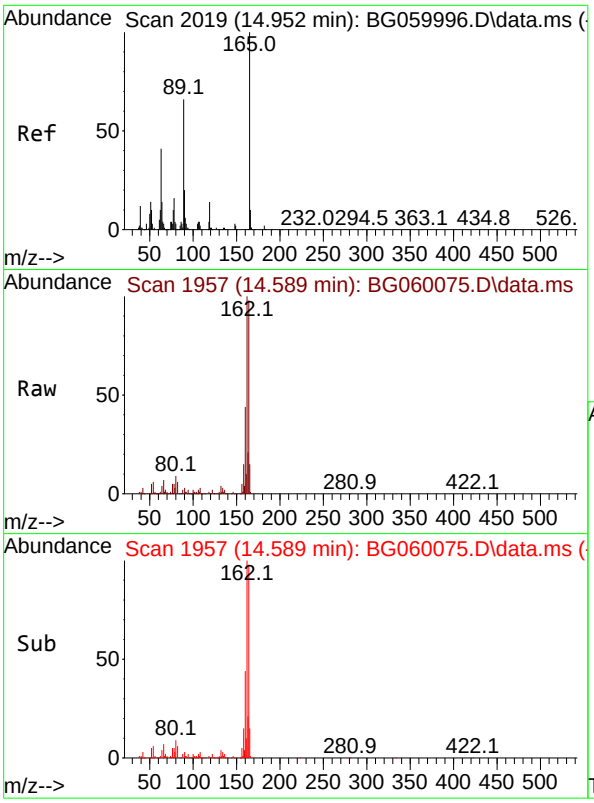


#52
Acenaphthene
Concen: 2.412 ng
RT: 14.654 min Scan# 1968
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:154 Resp: 33343

Ion	Ratio	Lower	Upper
154	100		
153	123.9	96.0	144.0
152	54.0	44.3	66.5



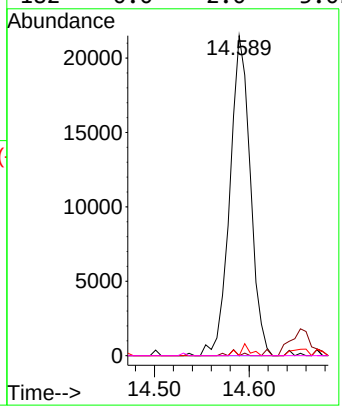


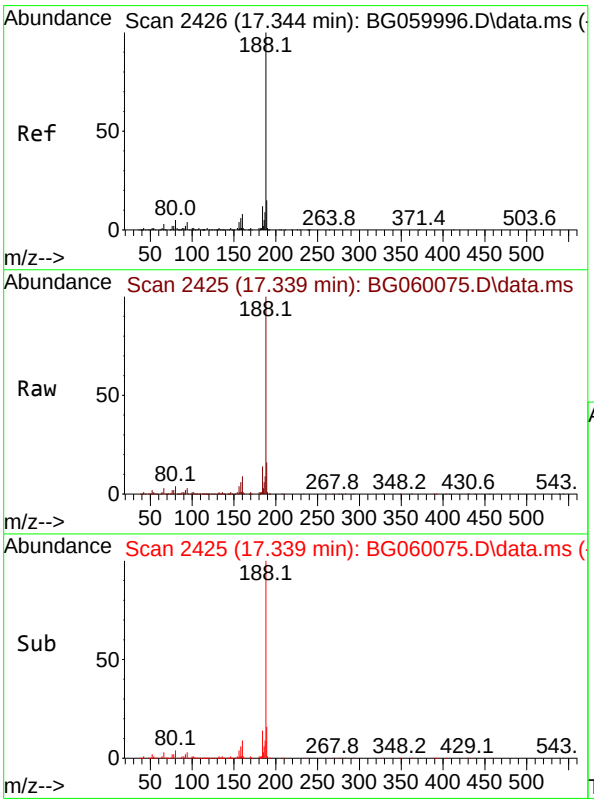
#57
2,4-Dinitrotoluene
Concen: 6.243 ng
RT: 14.589 min Scan# 1
Delta R.T. -0.361 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:165 Resp: 32259

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.8	49.2#
89	0.0	53.0	79.6#
182	0.0	2.0	3.0#

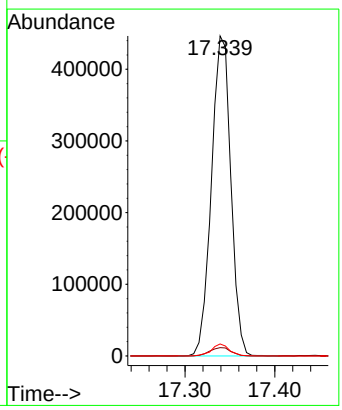


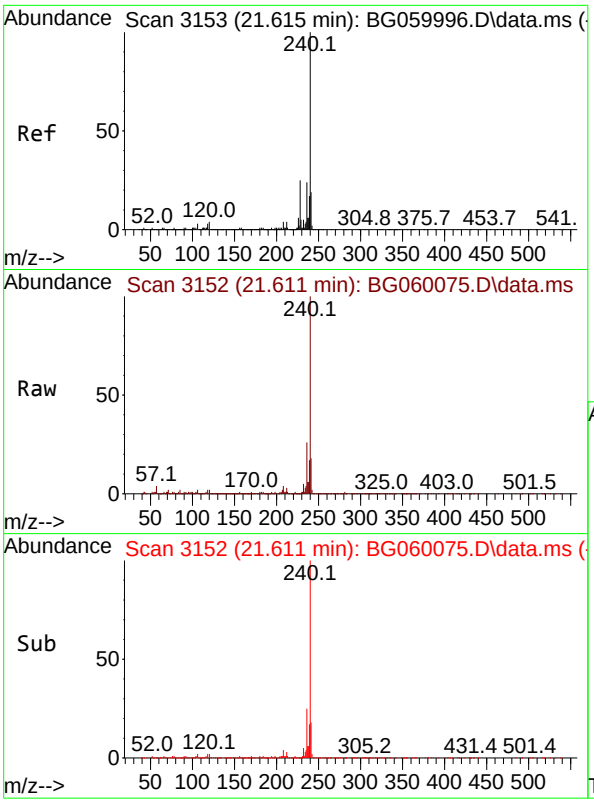


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.009 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:188 Resp: 669529

Ion	Ratio	Lower	Upper
188	100		
94	2.6	3.0	4.6#
80	3.8	4.0	6.0#



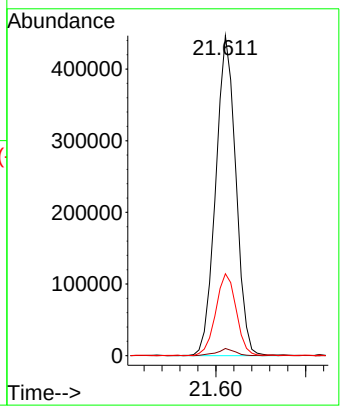


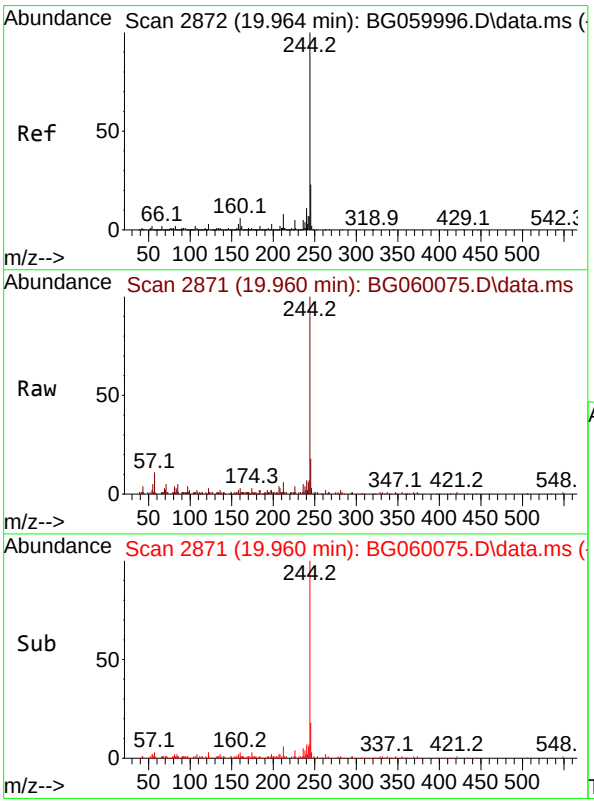
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.611 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:240 Resp: 695220

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.9	4.3#
236	25.6	19.4	29.2

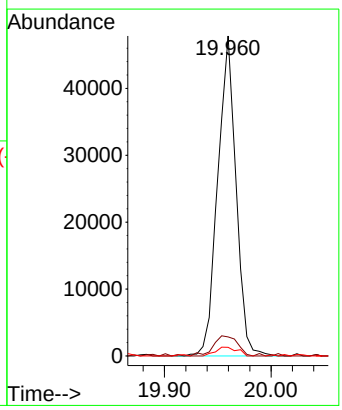


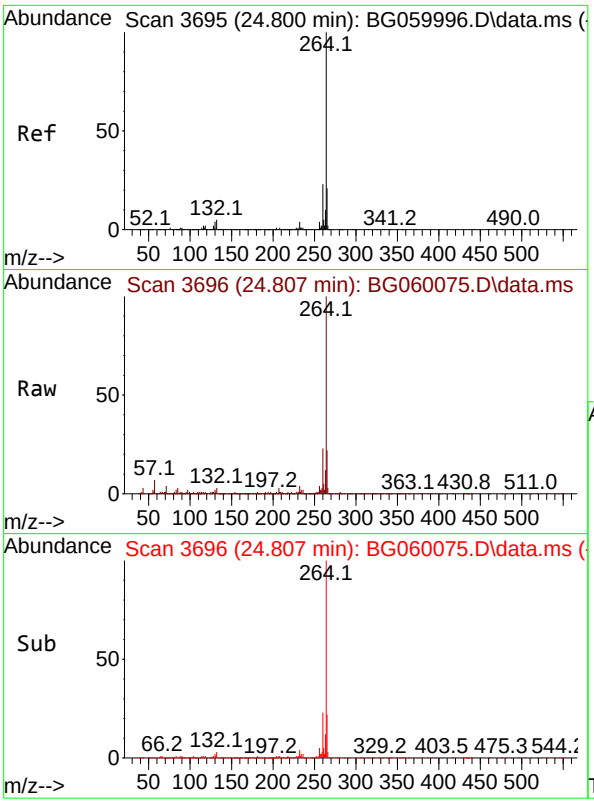


#79
Terphenyl-d14
Concen: 1.496 ng
RT: 19.960 min Scan# 2871
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Tgt Ion:244 Resp: 56971

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.8	10.2#
122	3.9	2.6	3.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.807 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG060075.D
Acq: 18 Dec 2023 20:56

Instrument :
BNA_G
ClientSampleId :
MW-06IDL2

Tgt Ion:264 Resp: 778224

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.7	17.3	25.9