Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060106.D
Acq On : 20 Dec 2023 19:52
Operator : MA/JU
Sample : 05829-10DL2 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Quant Time: Dec 21 02:40:36 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	7.941	152	28471	20.000	ng	-0.02
21) Naphthalene-d8	10.750	136	109655	20.000	ng	#-0.01
39) Acenaphthene-d10	14.587	164	125609	20.000	ng	-0.01
64) Phenanthrene-d10	17.330	188	473941	20.000	ng	#-0.02
76) Chrysene-d12	21.602	240	653021	20.000	ng	#-0.02
86) Perylene-d12	24.786	264	752635	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	5390	3.241	ng	0.00
7) Phenol-d6	7.101	99	6794	2.904	ng	-0.01
23) Nitrobenzene-d5	9.111	82	13420	5.557	ng	-0.01
42) 2,4,6-Tribromophenol	16.073	330	29061	9.928	ng	-0.01
45) 2-Fluorobiphenyl	13.206	172	53343	5.198	ng	-0.01
79) Terphenyl-d14	19.951	244	220167	6.155	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.803	128	237333	41.576	ng	98
33) 4-Chloroaniline	10.803	127	32104	14.781	ng	# 33
37) 2-Methylnaphthalene	12.413	142	35910	8.021	ng	# 95
38) 1-Methylnaphthalene	12.630	142	50458	11.409	ng	# 94
51) 2,6-Dinitrotoluene	14.581	165	18950	9.383	ng	# 23
52) Acenaphthene	14.645	154	15950	2.100	ng	# 79
57) 2,4-Dinitrotoluene	14.581	165	18950	6.675	ng	# 26
69) Atrazine	16.784	200	92	Below Cal		# 34

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
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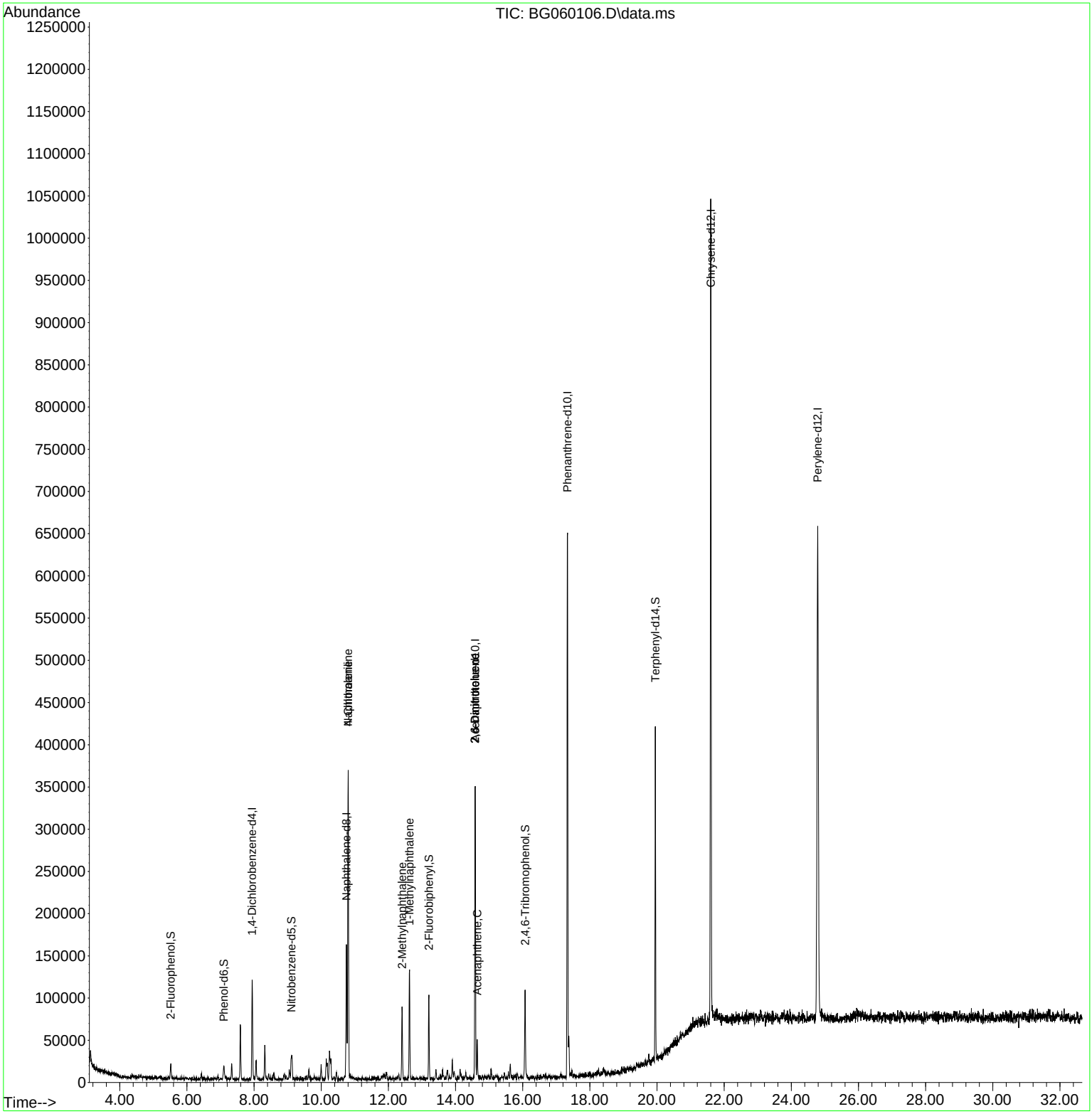
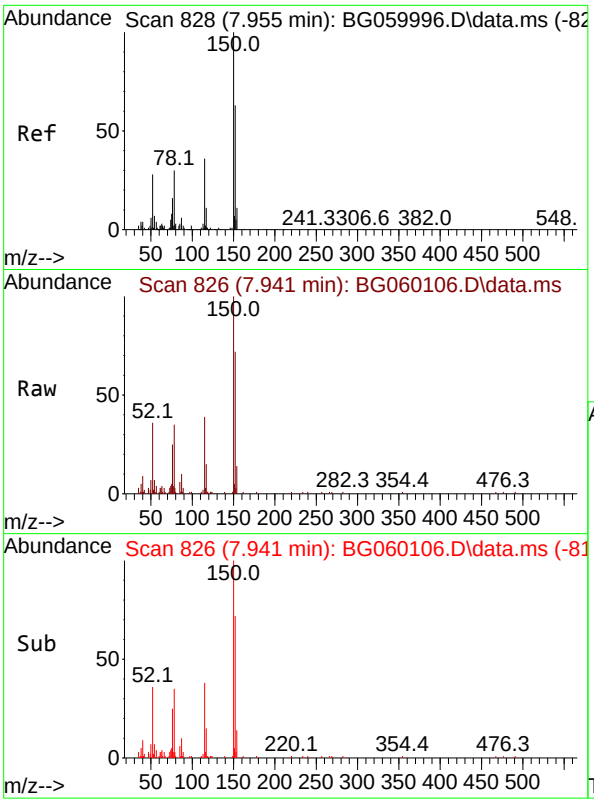


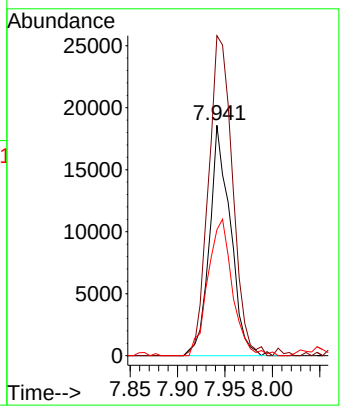


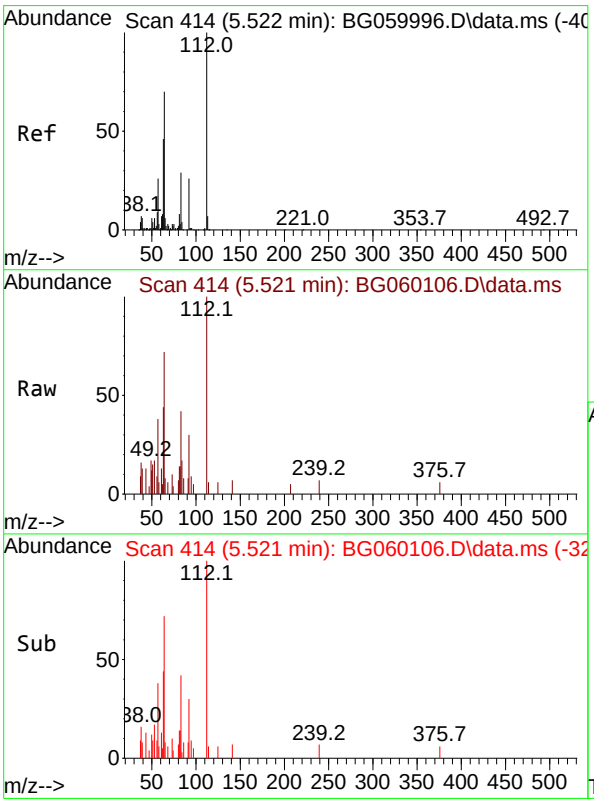
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 8
Delta R.T. -0.018 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:152 Resp: 28471

Ion	Ratio	Lower	Upper
152	100		
150	138.9	127.0	190.6
115	54.6	45.7	68.5

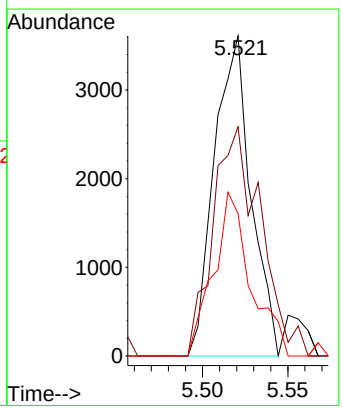


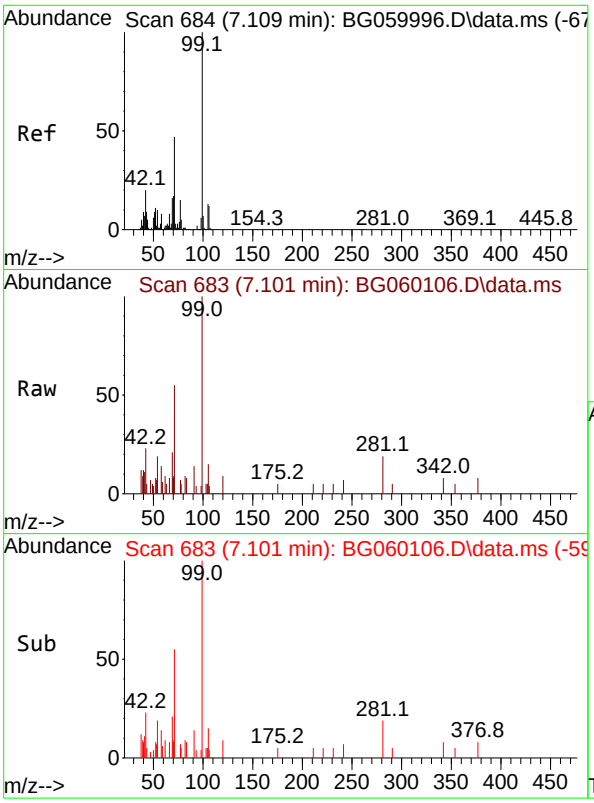


#5
2-Fluorophenol
Concen: 3.241 ng
RT: 5.521 min Scan# 414
Delta R.T. -0.005 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:112 Resp: 5390

Ion	Ratio	Lower	Upper
112	100		
64	71.6	55.9	83.9
63	44.5	36.5	54.7



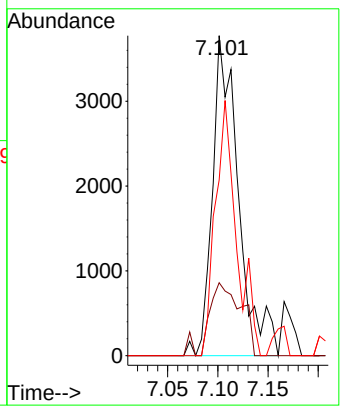


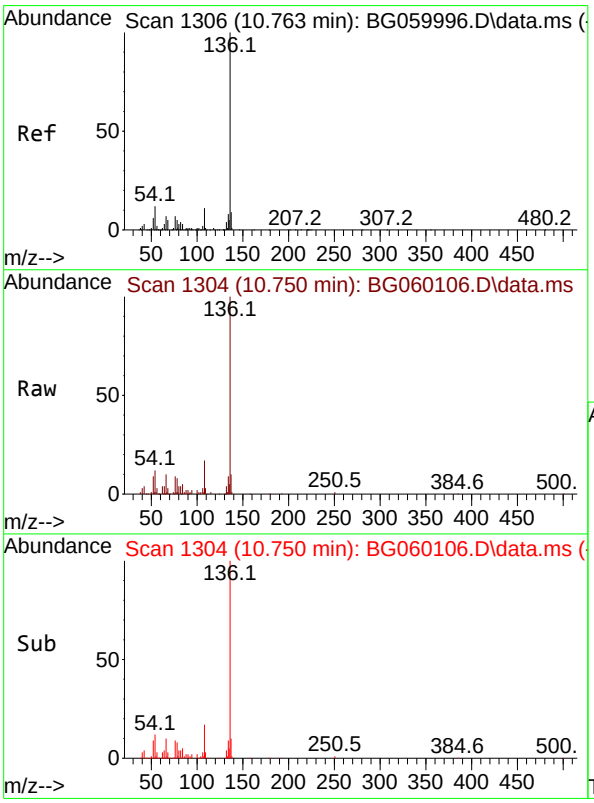
#7
Phenol-d6
Concen: 2.904 ng
RT: 7.101 min Scan# 6
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion: 99 Resp: 6794

Ion	Ratio	Lower	Upper
99	100		
42	22.8	16.2	24.4
71	54.9	37.6	56.4

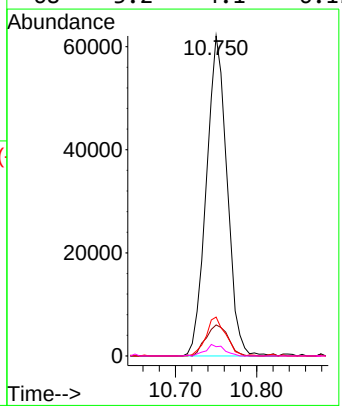


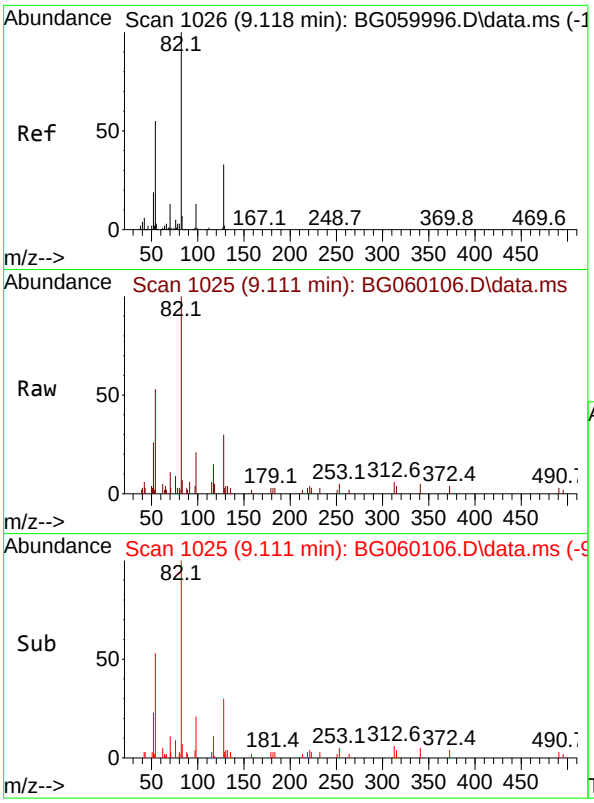


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1304
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:136 Resp: 109655

Ion	Ratio	Lower	Upper
136	100		
137	9.7	7.3	10.9
54	12.1	9.6	14.4
68	3.2	4.1	6.1#



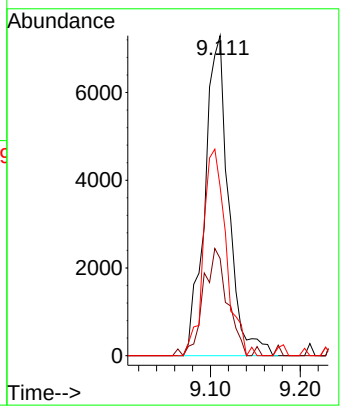


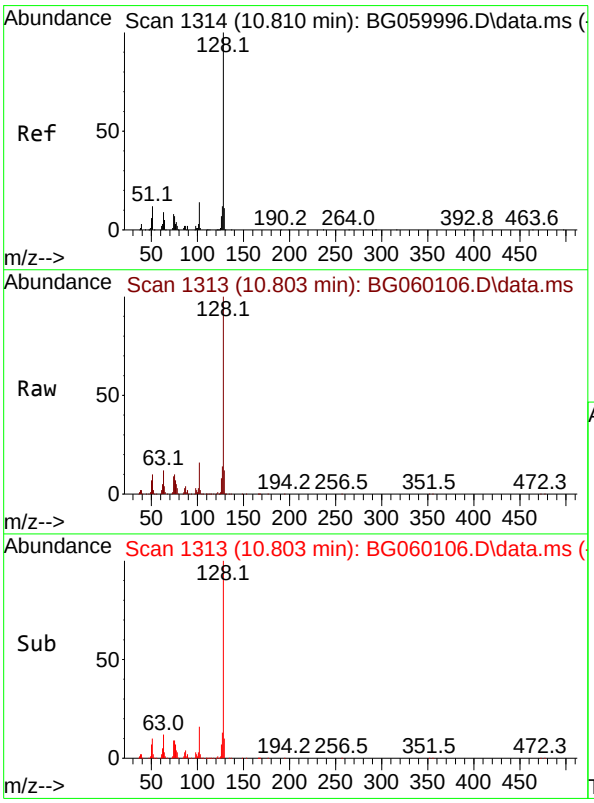
#23
Nitrobenzene-d5
Concen: 5.557 ng
RT: 9.111 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion: 82 Resp: 13420

Ion	Ratio	Lower	Upper
82	100		
128	30.3	26.3	39.5
54	52.8	44.3	66.5

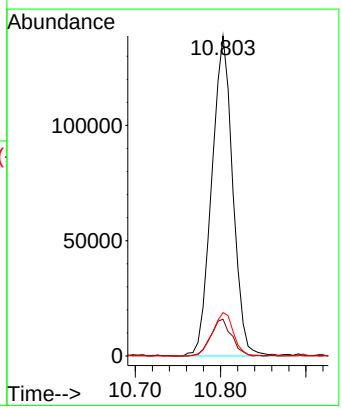


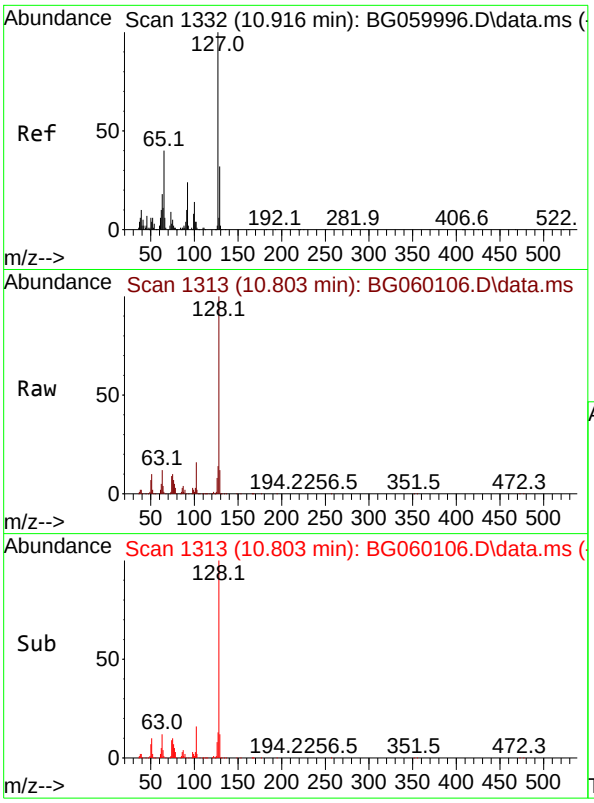


#31
Naphthalene
Concen: 41.576 ng
RT: 10.803 min Scan# 1313
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:128 Resp: 237333

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.6	9.7	14.5



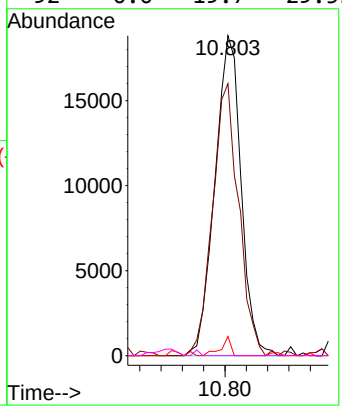


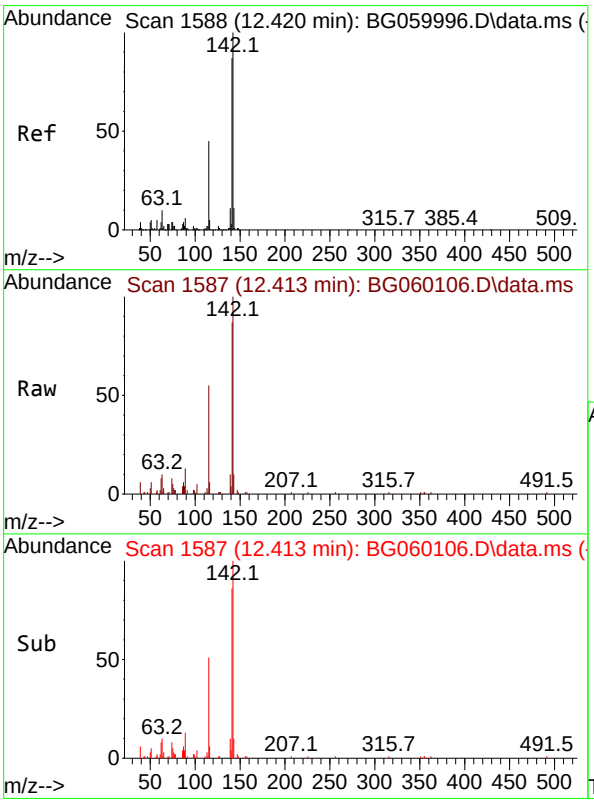
#33
4-Chloroaniline
Concen: 14.781 ng
RT: 10.803 min Scan# 1
Delta R.T. -0.111 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:127 Resp: 32104

Ion	Ratio	Lower	Upper
127	100		
129	85.0	25.7	38.5#
65	6.0	32.3	48.5#
92	0.0	19.7	29.5#

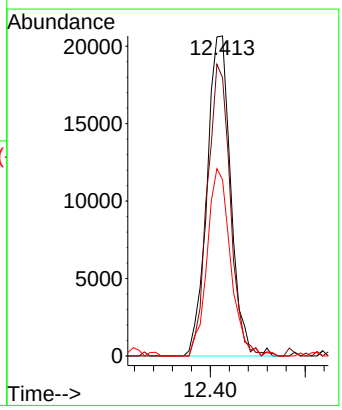


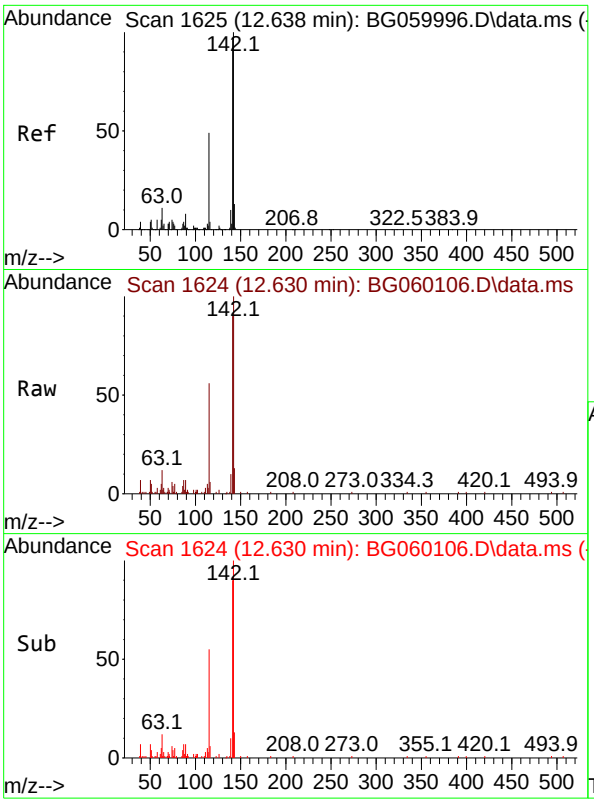


#37
2-Methylnaphthalene
Concen: 8.021 ng
RT: 12.413 min Scan# 1587
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:142 Resp: 35910

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.9	104.9
115	55.1	36.1	54.1#



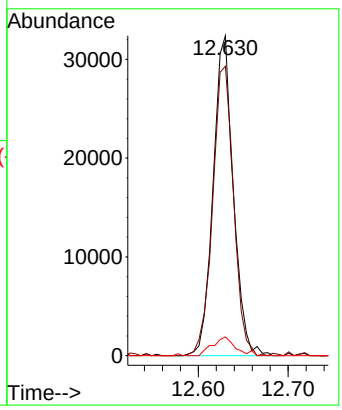


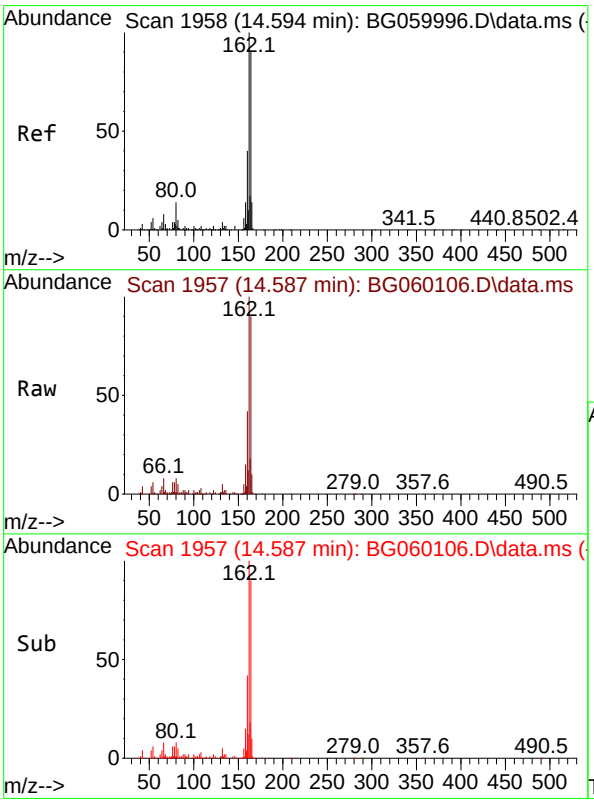
#38
1-Methylnaphthalene
Concen: 11.409 ng
RT: 12.630 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:142 Resp: 50458

Ion	Ratio	Lower	Upper
142	100		
141	90.4	76.9	115.3
116	5.8	3.5	5.3#

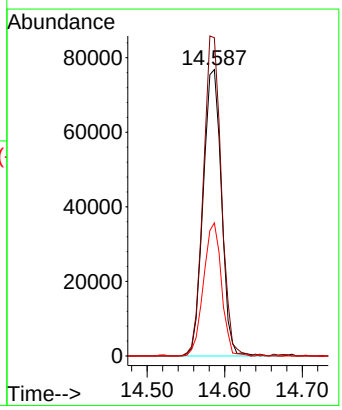


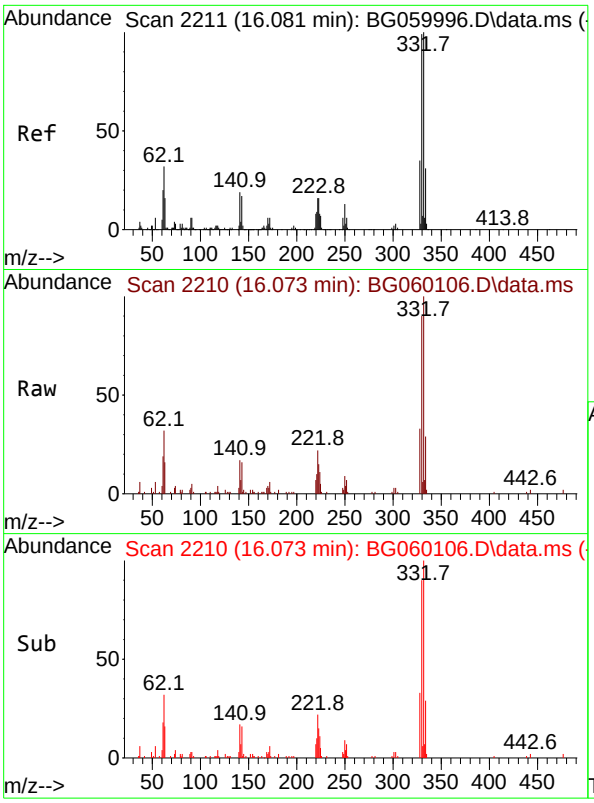


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:164 Resp: 125609

Ion	Ratio	Lower	Upper
164	100		
162	111.1	88.1	132.1
160	46.5	35.4	53.0



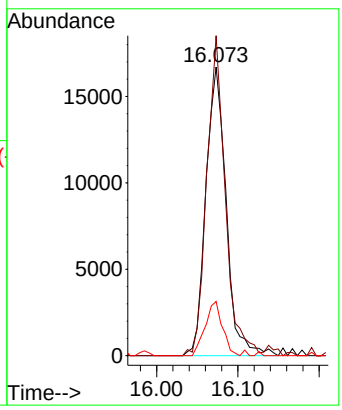


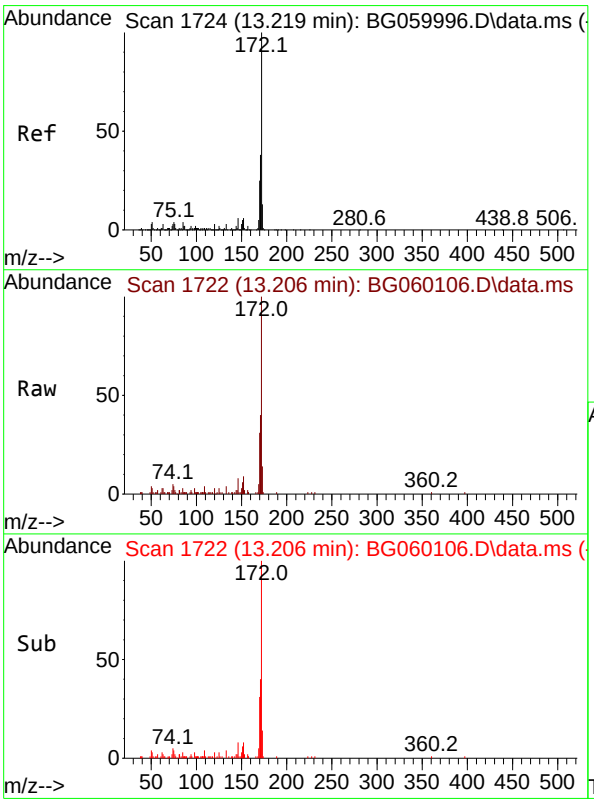
#42
2,4,6-Tribromophenol
Concen: 9.928 ng
RT: 16.073 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:330 Resp: 29061

Ion	Ratio	Lower	Upper
330	100		
332	100.6	76.2	114.4
141	15.9	14.3	21.5

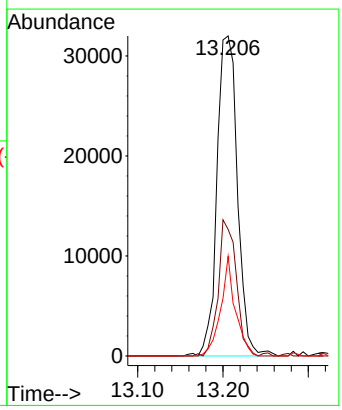


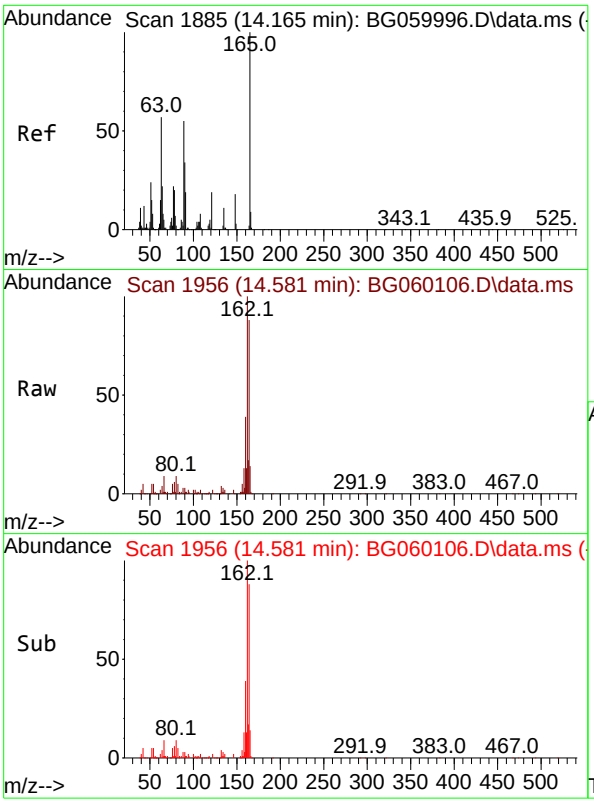


#45
2-Fluorobiphenyl
Concen: 5.198 ng
RT: 13.206 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:172 Resp: 53343

Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.1	45.1
170	31.1	20.0	30.0#



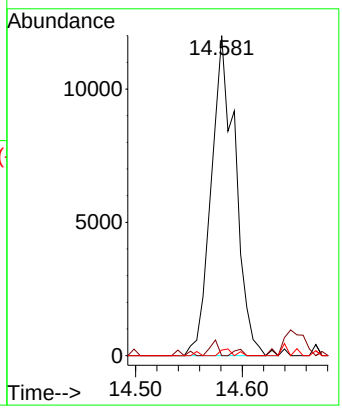


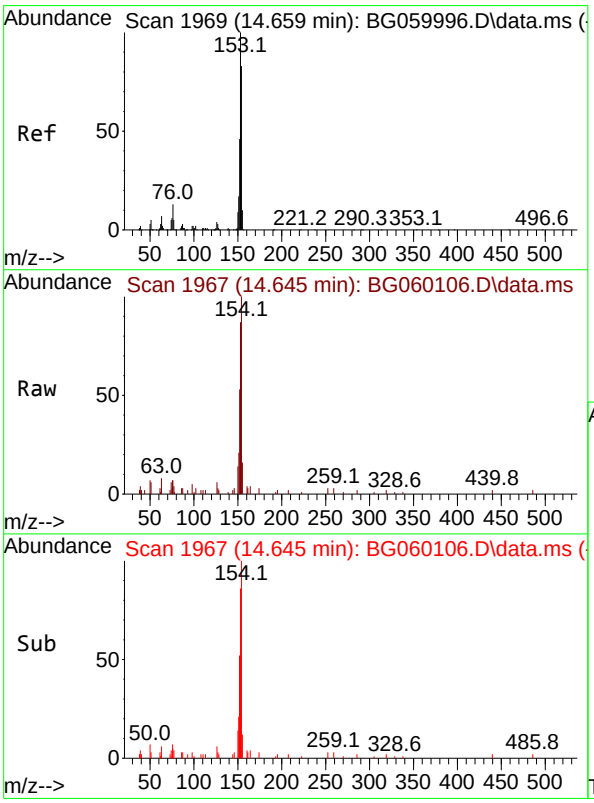
#51
2,6-Dinitrotoluene
Concen: 9.383 ng
RT: 14.581 min Scan# 1
Delta R.T. 0.412 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:165 Resp: 18950

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.2	72.2#
89	1.7	44.4	66.6#

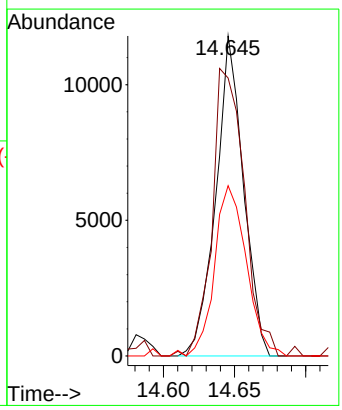


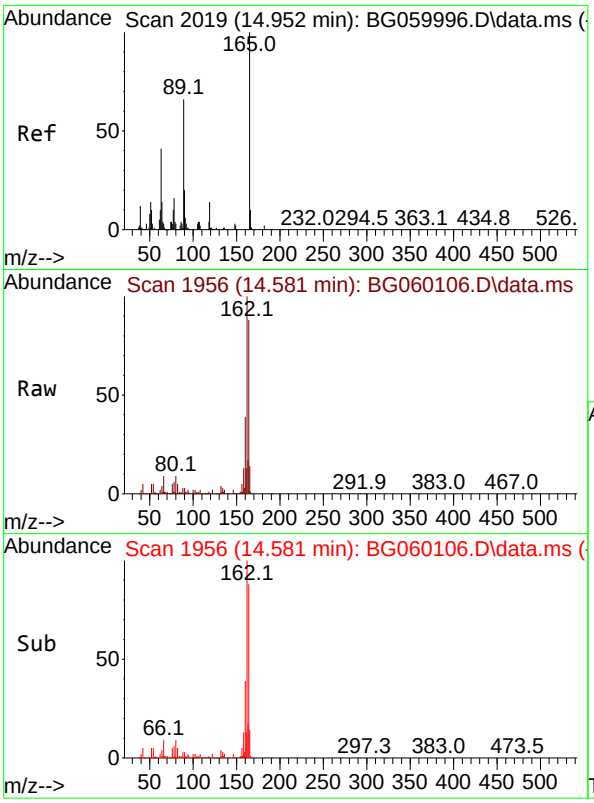


#52
Acenaphthene
Concen: 2.100 ng
RT: 14.645 min Scan# 1967
Delta R.T. -0.017 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:154 Resp: 15950

Ion	Ratio	Lower	Upper
154	100		
153	86.9	96.0	144.0#
152	53.2	44.3	66.5



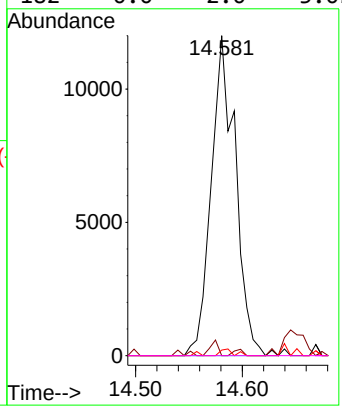


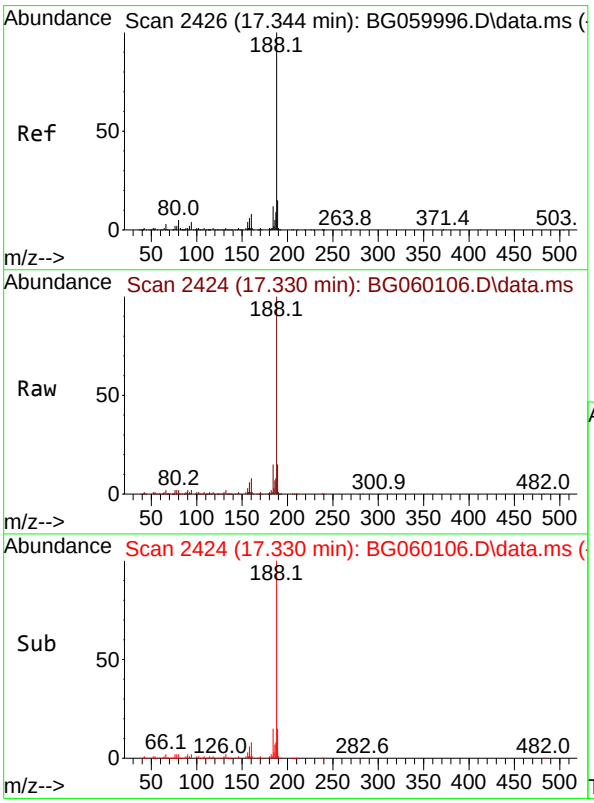
#57
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 14.581 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:165 Resp: 18950

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.8	49.2#
89	1.7	53.0	79.6#
182	0.0	2.0	3.0#

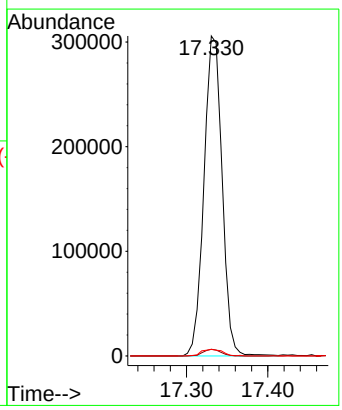


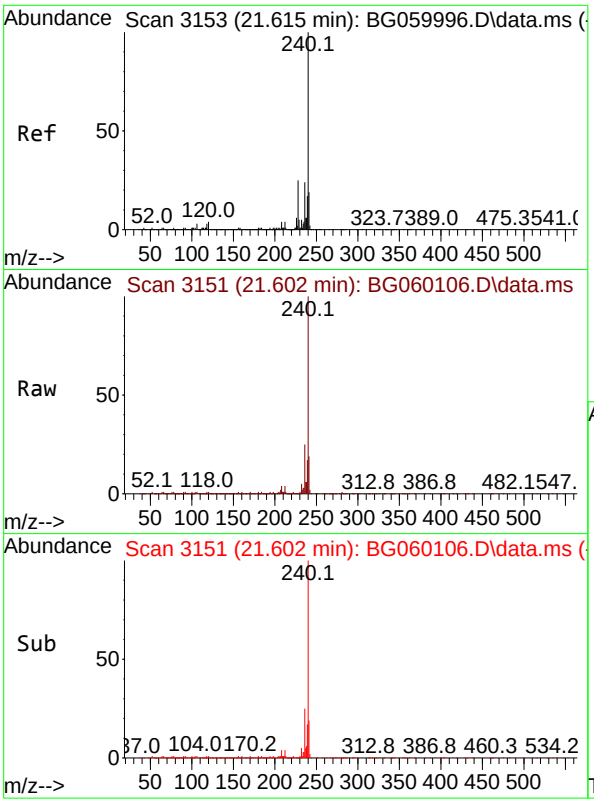


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2424
Delta R.T. -0.017 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:188 Resp: 473941

Ion	Ratio	Lower	Upper
188	100		
94	2.1	3.0	4.6#
80	2.0	4.0	6.0#



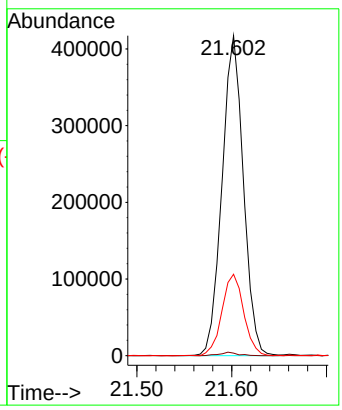


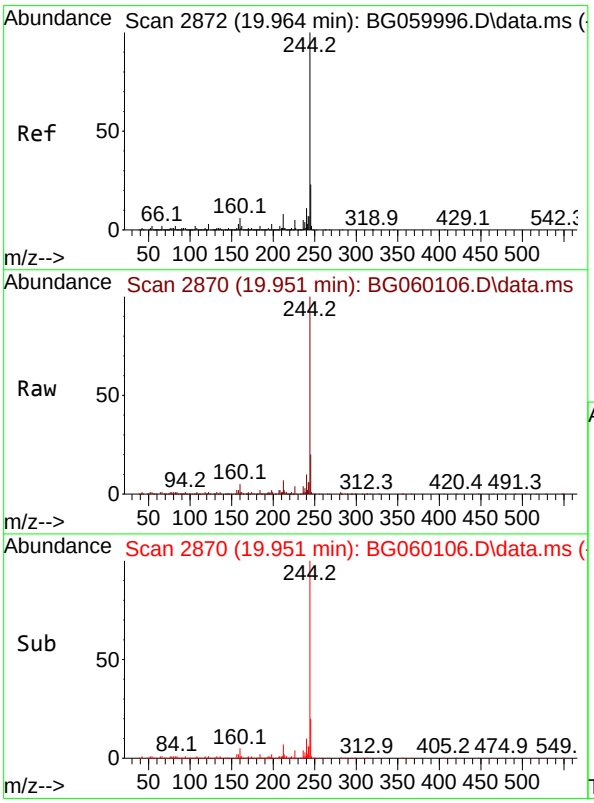
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.602 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:240 Resp: 653021

Ion	Ratio	Lower	Upper
240	100		
120	0.8	2.9	4.3#
236	25.4	19.4	29.2

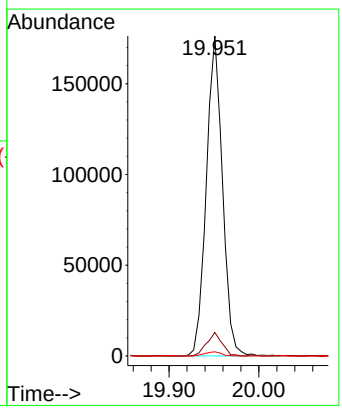


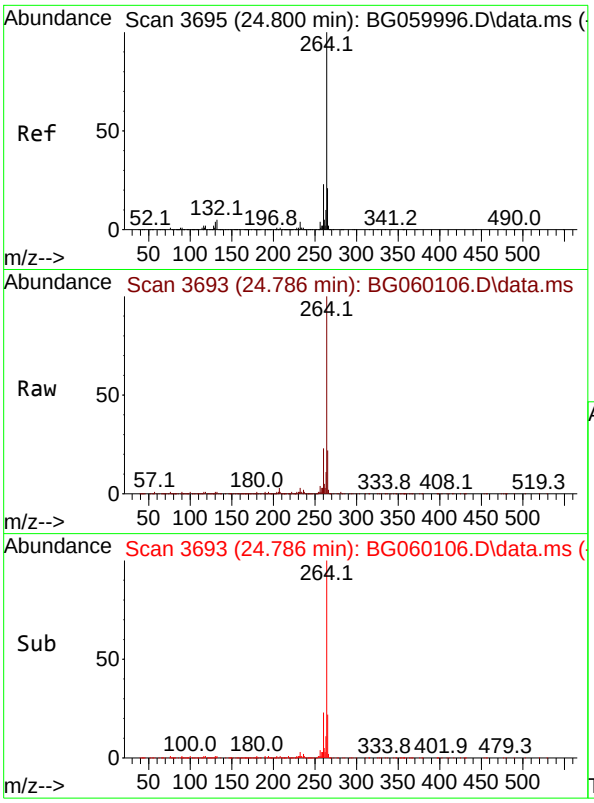


#79
Terphenyl-d14
Concen: 6.155 ng
RT: 19.951 min Scan# 2870
Delta R.T. -0.017 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Tgt Ion:244 Resp: 220167

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.8	10.2
122	1.3	2.6	3.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG060106.D
Acq: 20 Dec 2023 19:52

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:264 Resp: 752635

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.5	17.3	25.9