Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
281

Quant Time: Nov 27 23:15:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 13:17:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.310	152	30177	20.000	ng	0.00
21) Naphthalene-d8	11.160	136	150392	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	95441	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	175930	20.000	ng	# 0.00
76) Chrysene-d12	22.012	240	131363	20.000	ng	# 0.00
86) Perylene-d12	25.584	264	157987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	175809	98.058	ng	0.00
7) Phenol-d6	7.435	99	257123	96.775	ng	0.00
23) Nitrobenzene-d5	9.509	82	203408	51.655	ng	0.00
42) 2,4,6-Tribromophenol	16.430	330	104369	96.380	ng	0.00
45) 2-Fluorobiphenyl	13.563	172	415457	58.594	ng	0.00
79) Terphenyl-d14	20.267	244	456173	51.264	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.509	70	32758	15.657	ng	# 77
31) Naphthalene	11.213	128	57530	7.607	ng	# 94
33) 4-Chloroaniline	11.207	127	7518	2.337	ng	# 48
37) 2-Methylnaphthalene	12.788	142	49728	7.808	ng	90
38) 1-Methylnaphthalene	12.999	142	27443	4.672	ng	# 81
49) Acenaphthylene	14.674	152	20589	2.346	ng	# 93
52) Acenaphthene	15.009	154	50149	9.501	ng	86
55) Dibenzofuran	15.338	168	81192	9.329	ng	89
56) 4-Nitrophenol	15.338	139	43745	34.815	ng	# 1
58) Fluorene	15.984	166	101834	14.084	ng	# 92
71) Phenanthrene	17.741	178	676006	75.576	ng	99
72) Anthracene	17.829	178	114235	12.292	ng	97
73) Carbazole	18.099	167	44062	5.427	ng	97
75) Fluoranthene	19.732	202	778476	72.573	ng	99
78) Pyrene	20.097	202	594621	66.528	ng	99
81) Benzo(a)anthracene	21.994	228	209242	23.280	ng	97
83) Chrysene	22.065	228	252709	30.671	ng	94
87) Indeno(1,2,3-cd)pyrene	29.715	276	107625	9.003	ng	# 73
88) Benzo(b)fluoranthene	24.427	252	283083	32.692	ng	# 96
89) Benzo(k)fluoranthene	24.427	252	283083	33.068	ng	93
90) Benzo(a)pyrene	25.414	252	159240	17.231	ng	99
92) Benzo(g,h,i)perylene	31.013	276	50810	5.295	ng	# 83

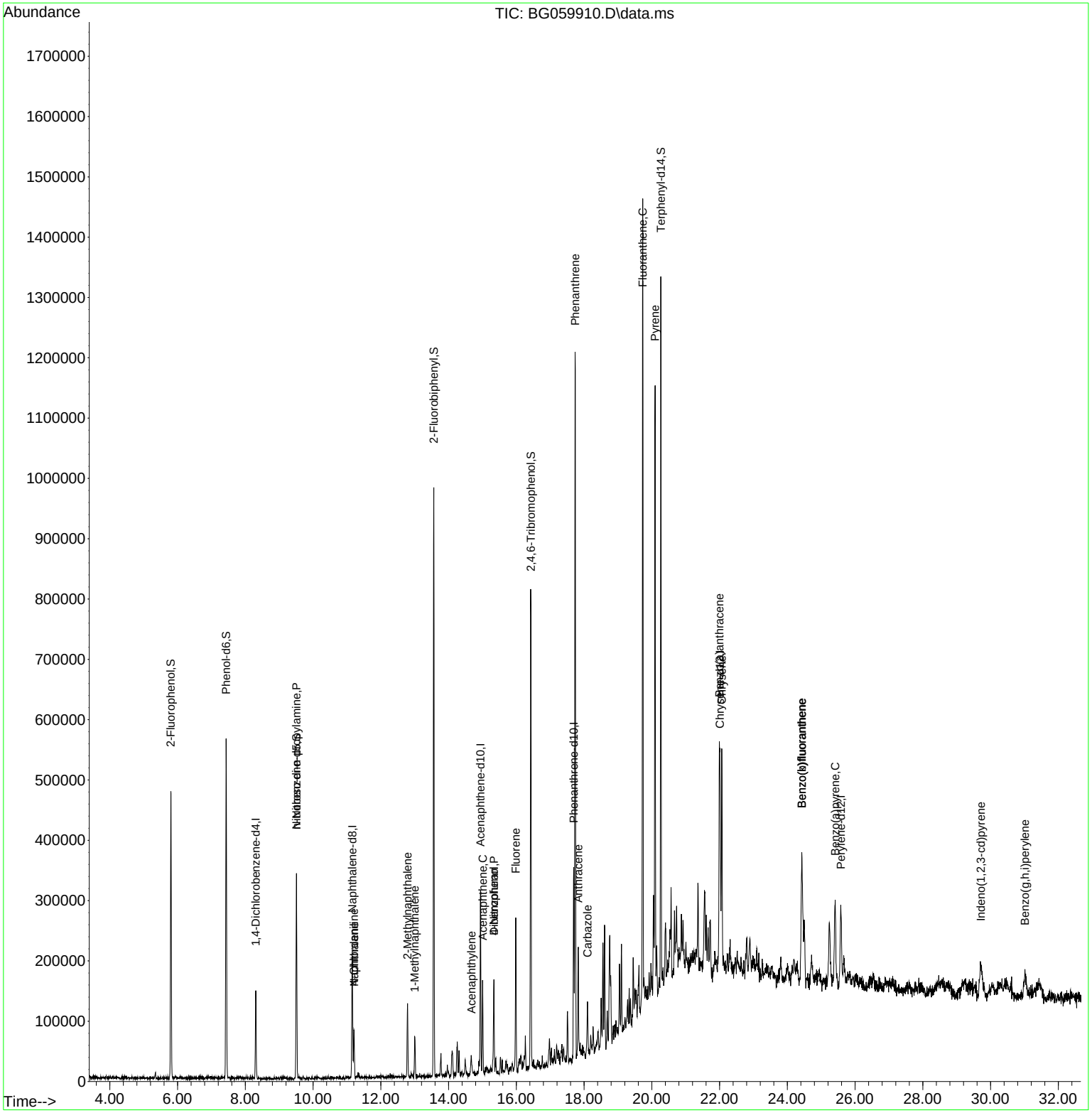
(#) = qualifier out of range (m) = manual integration (+) = signals summed

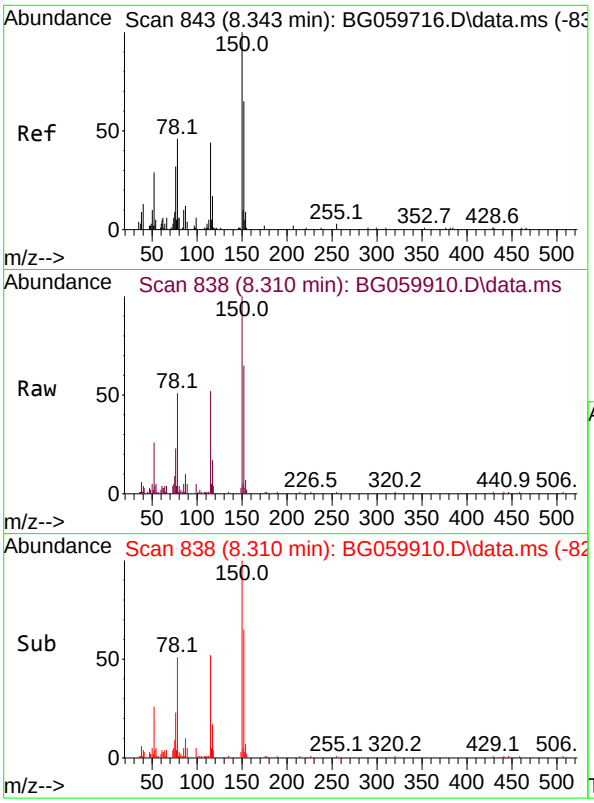
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
281

Quant Time: Nov 27 23:15:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 13:17:45 2023
Response via : Initial Calibration



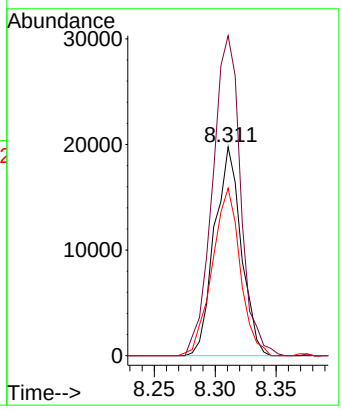


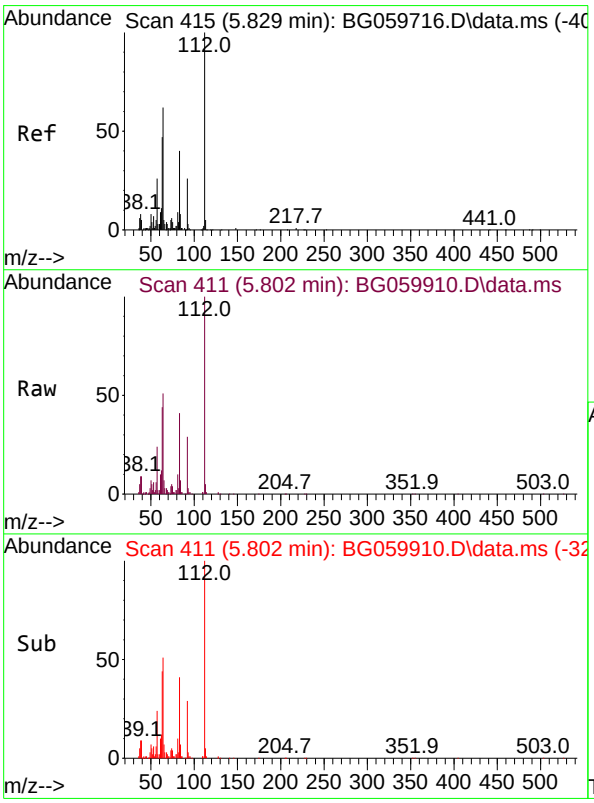
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.310 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:152 Resp: 30177

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.2	183.4
115	80.2	54.2	81.4

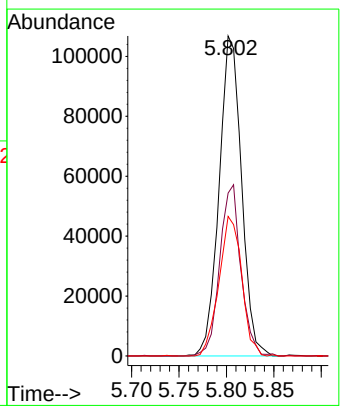


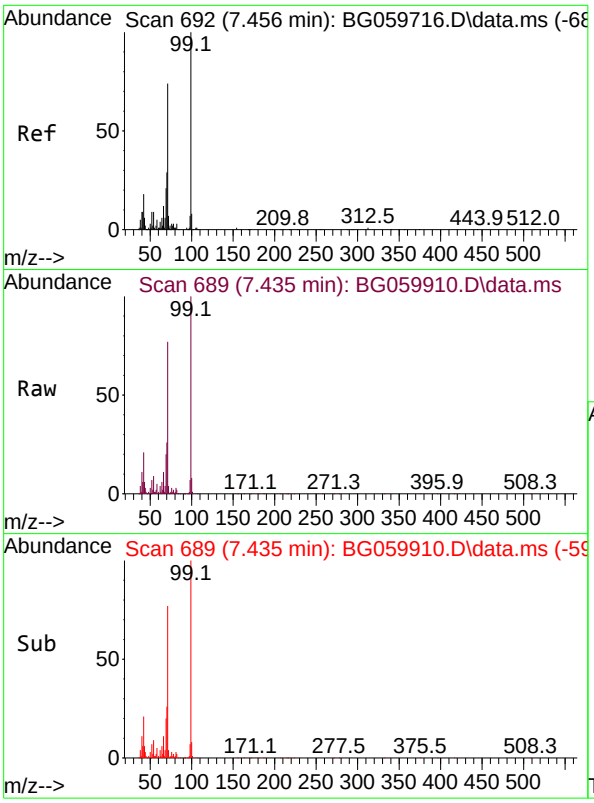


#5
2-Fluorophenol
Concen: 98.058 ng
RT: 5.802 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:112 Resp: 175809

Ion	Ratio	Lower	Upper
112	100		
64	50.9	49.5	74.3
63	43.6	37.4	56.2



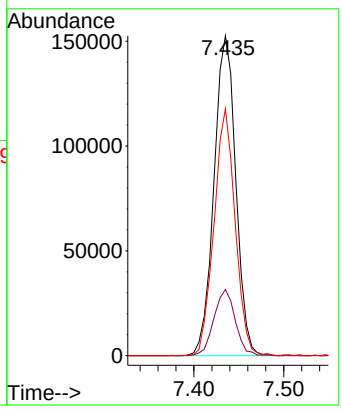


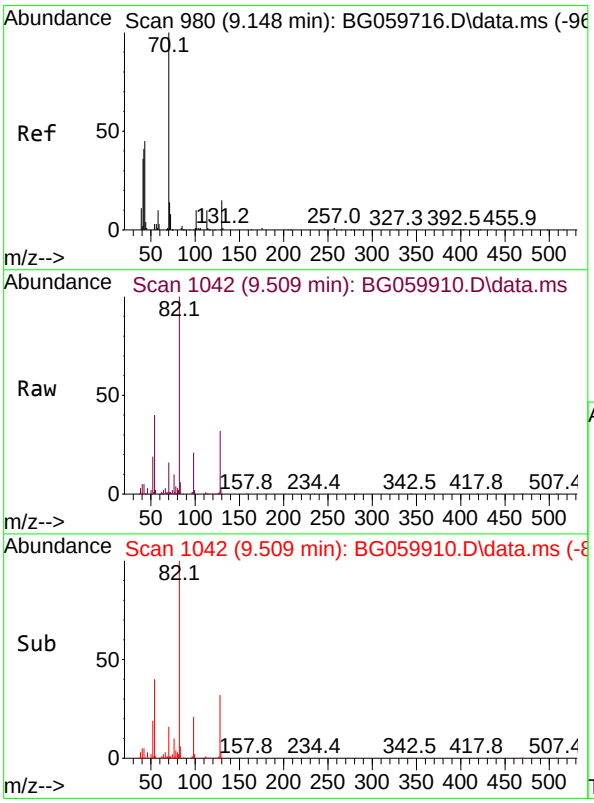
#7
Phenol-d6
Concen: 96.775 ng
RT: 7.435 min Scan# 6
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion: 99 Resp: 257123

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.3	21.5
71	77.1	59.3	88.9

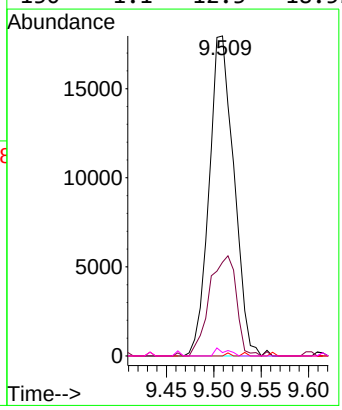


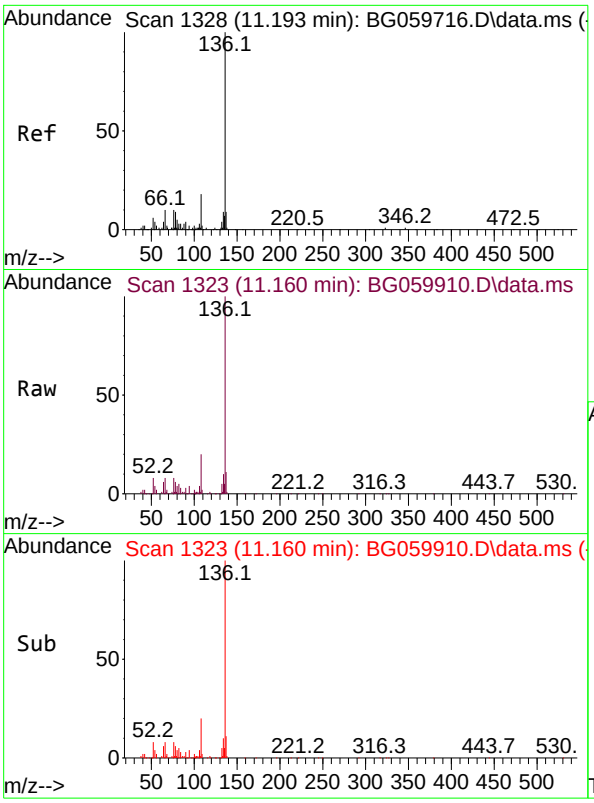


#19
n-Nitroso-di-n-propylamine
Concen: 15.657 ng
RT: 9.509 min Scan# 1042
Delta R.T. 0.399 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion: 70 Resp: 32758

Ion	Ratio	Lower	Upper
70	100		
42	29.3	32.8	49.2#
101	0.0	7.7	11.5#
130	1.1	12.3	18.5#



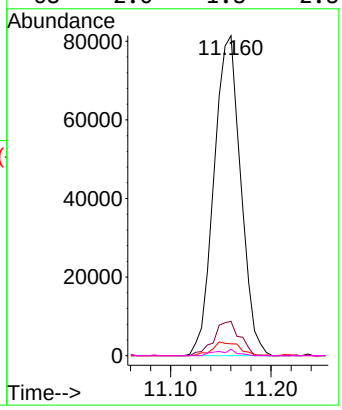


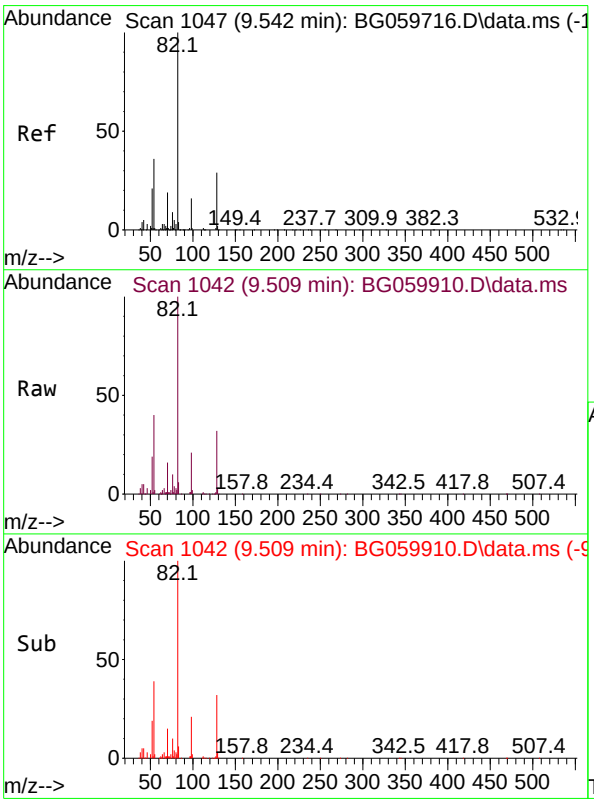
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.160 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:136 Resp: 150392

Ion	Ratio	Lower	Upper
136	100		
137	10.8	7.4	11.0
54	3.7	3.1	4.7
68	2.0	1.8	2.8

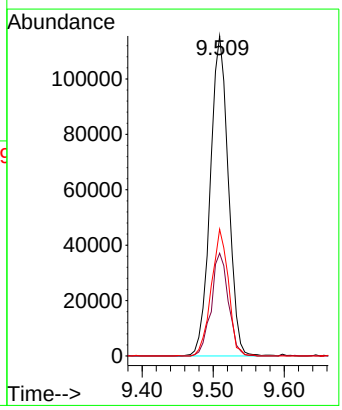


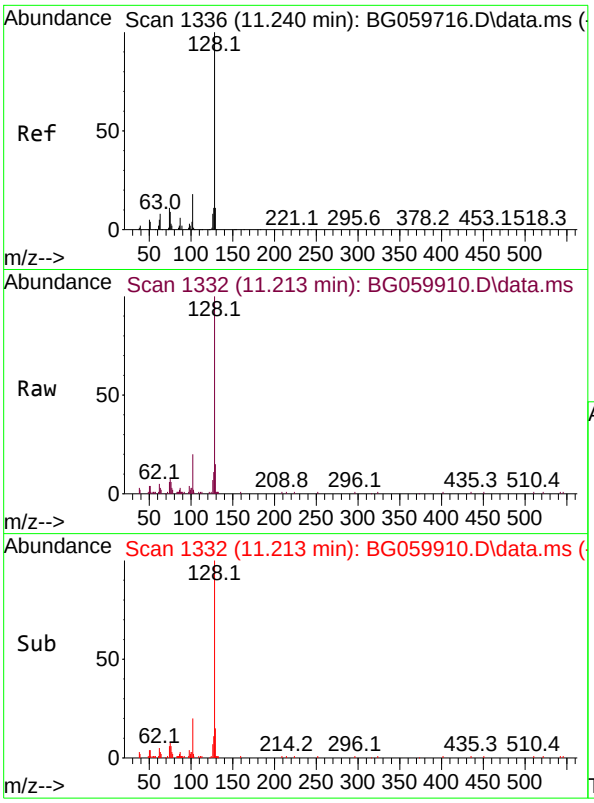


#23
Nitrobenzene-d5
Concen: 51.655 ng
RT: 9.509 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion: 82 Resp: 203408

Ion	Ratio	Lower	Upper
82	100		
128	32.1	23.0	34.6
54	39.6	28.7	43.1



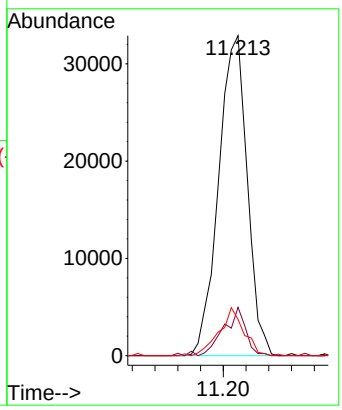


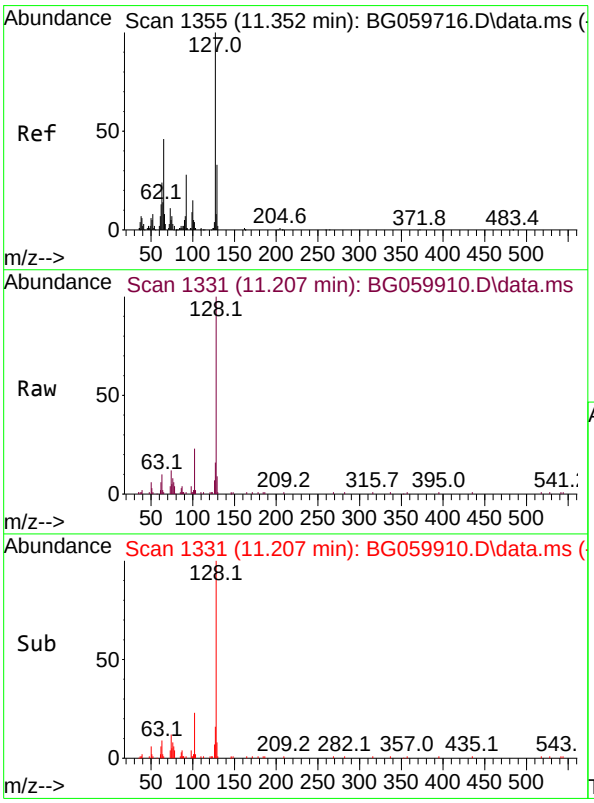
#31
Naphthalene
Concen: 7.607 ng
RT: 11.213 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:128 Resp: 57530

Ion	Ratio	Lower	Upper
128	100		
129	15.1	8.7	13.1#
127	11.4	9.2	13.8

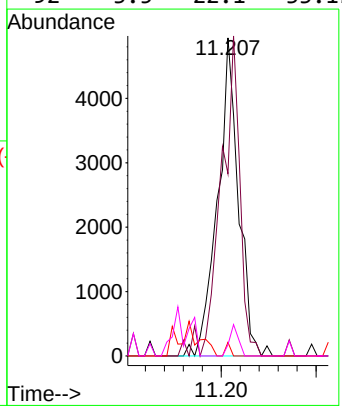


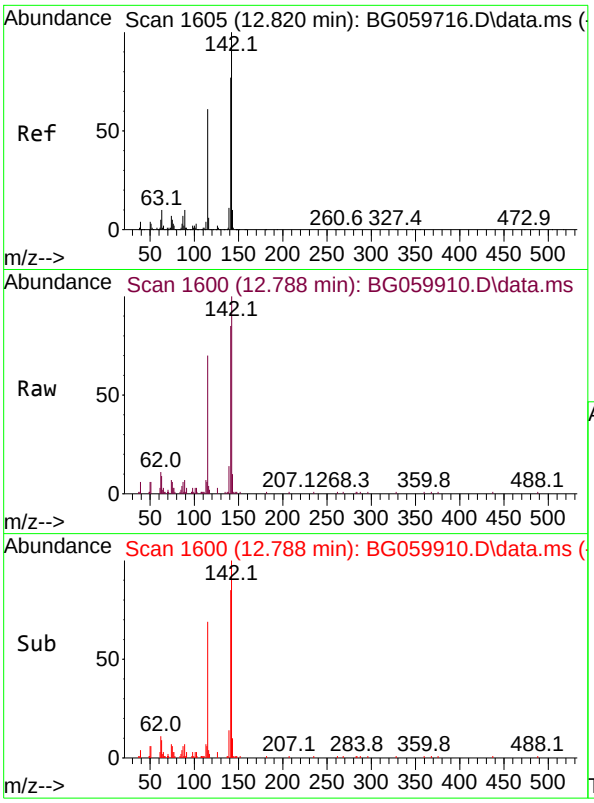


#33
4-Chloroaniline
Concen: 2.337 ng
RT: 11.207 min Scan# 1331
Delta R.T. -0.118 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:127 Resp: 7518

Ion	Ratio	Lower	Upper
127	100		
129	57.3	26.8	40.2#
65	4.3	36.5	54.7#
92	3.5	22.1	33.1#



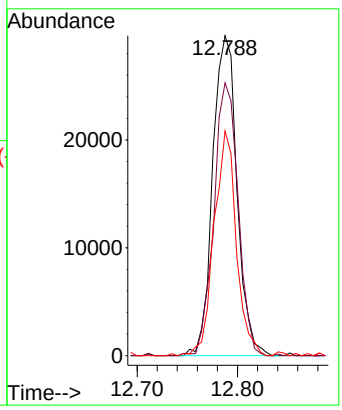


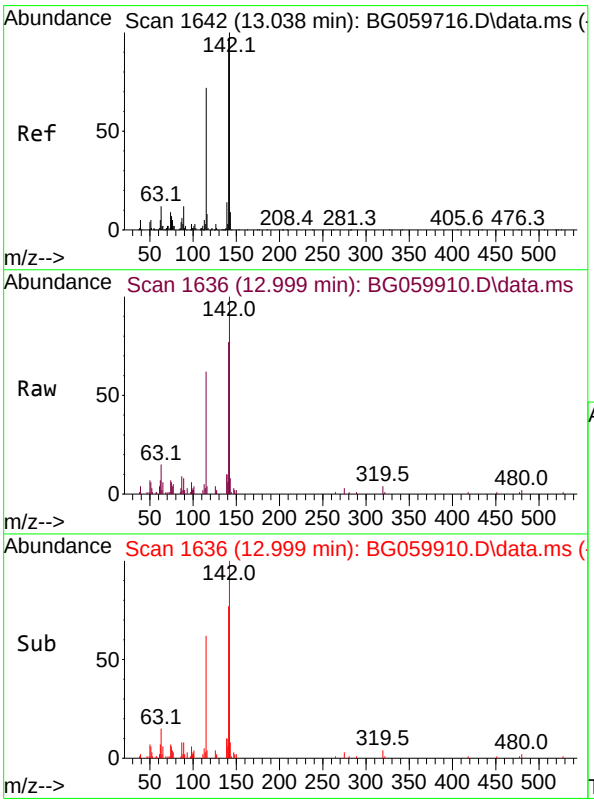
#37
2-Methylnaphthalene
Concen: 7.808 ng
RT: 12.788 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:142 Resp: 49728

Ion	Ratio	Lower	Upper
142	100		
141	85.2	61.9	92.9
115	70.2	49.0	73.4

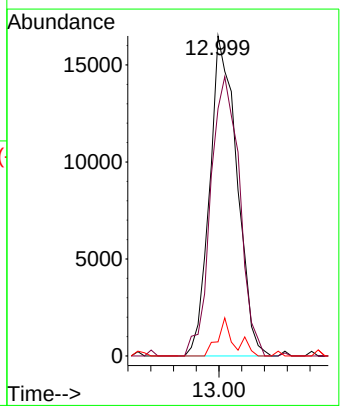


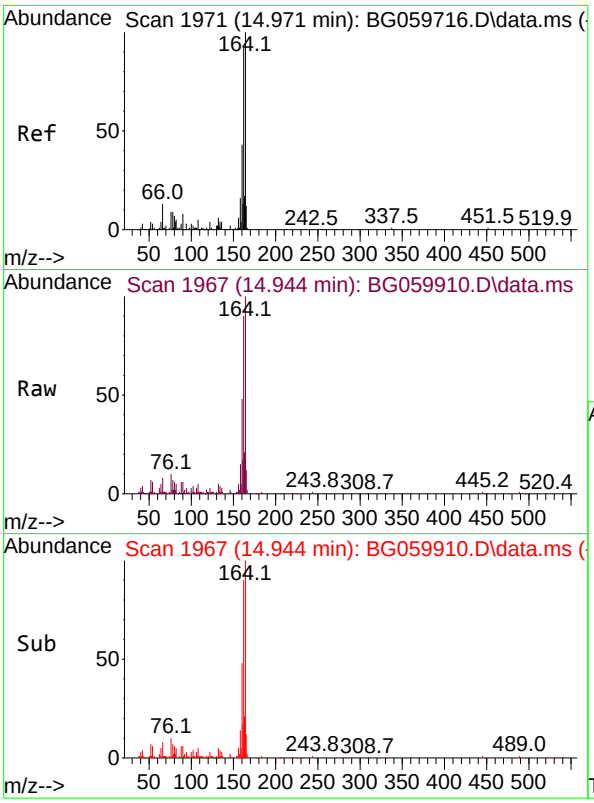


#38
1-Methylnaphthalene
Concen: 4.672 ng
RT: 12.999 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:142 Resp: 27443

Ion	Ratio	Lower	Upper
142	100		
141	77.3	77.8	116.8#
116	4.4	6.2	9.2#



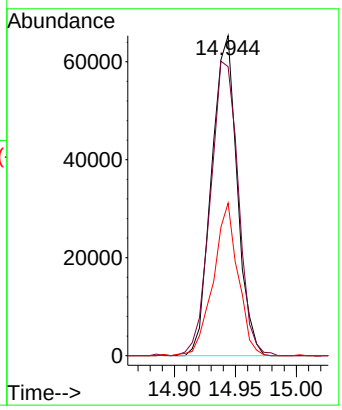


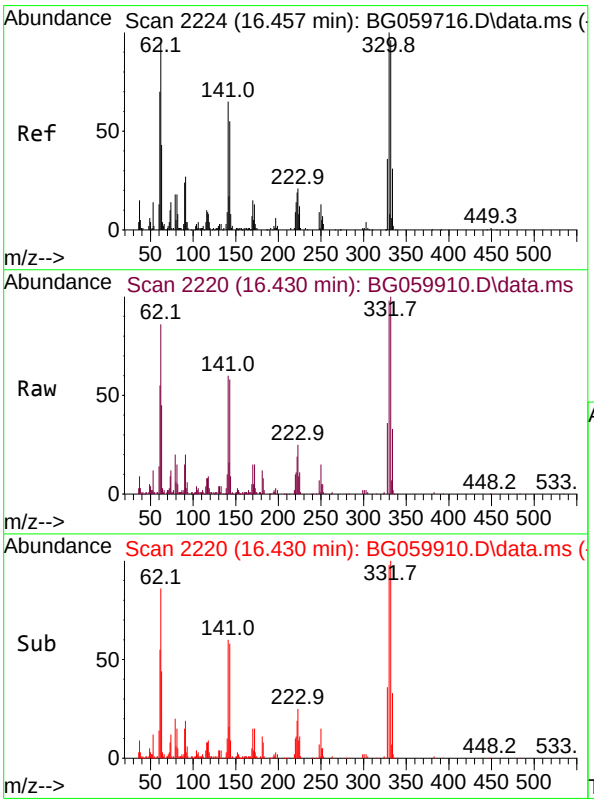
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:164 Resp: 95441

Ion	Ratio	Lower	Upper
164	100		
162	90.3	73.3	109.9
160	47.7	34.1	51.1

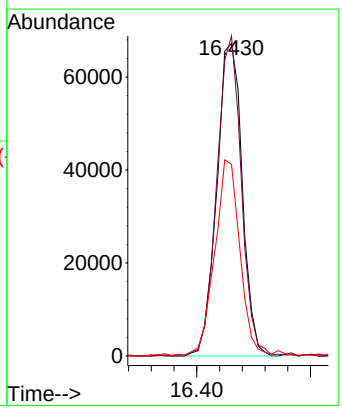


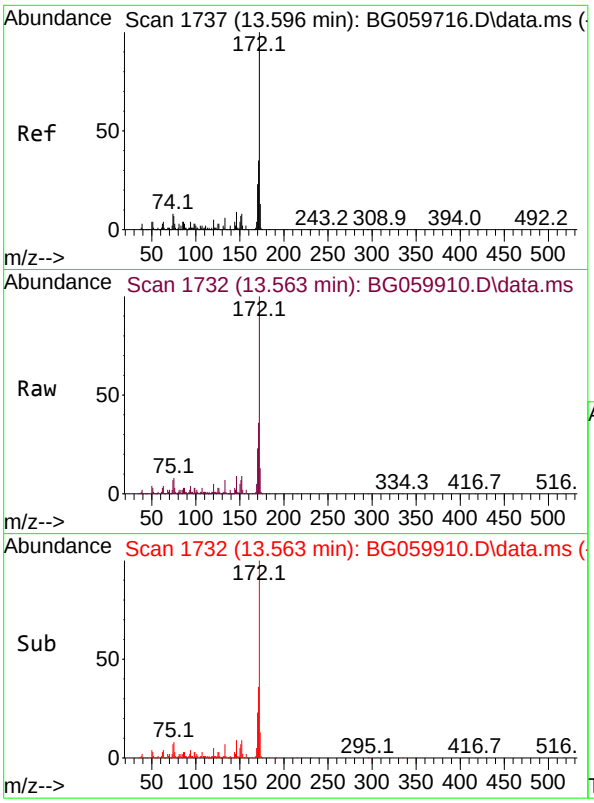


#42
2,4,6-Tribromophenol
Concen: 96.380 ng
RT: 16.430 min Scan# 2220
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:330 Resp: 104369

Ion	Ratio	Lower	Upper
330	100		
332	98.6	73.3	109.9
141	61.3	52.1	78.1



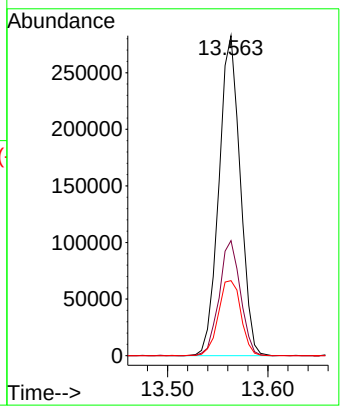


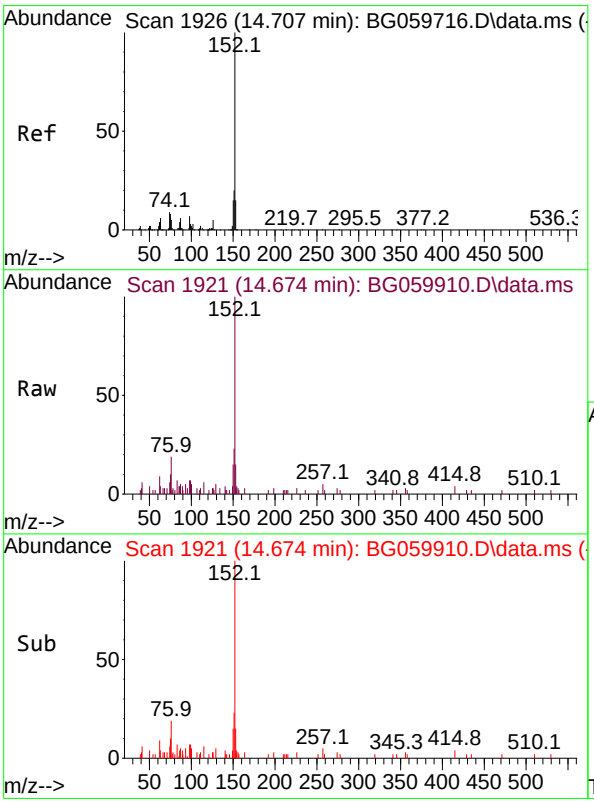
#45
2-Fluorobiphenyl
Concen: 58.594 ng
RT: 13.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:172 Resp: 415457

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.7	41.5
170	23.5	18.4	27.6

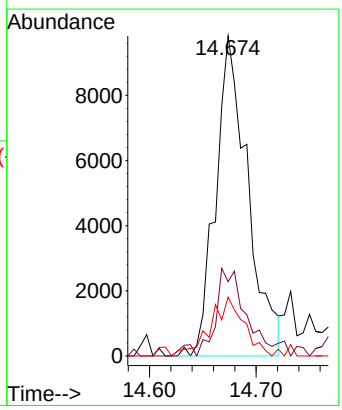


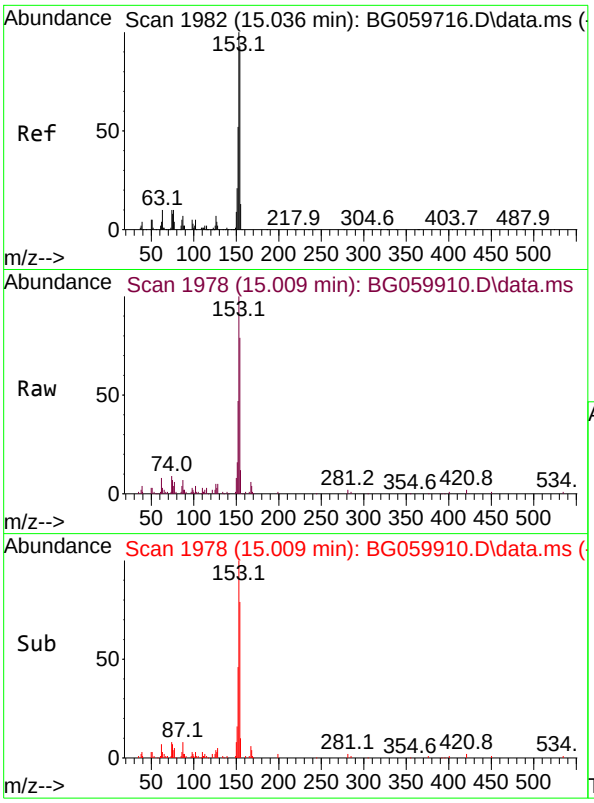


#49
Acenaphthylene
Concen: 2.346 ng
RT: 14.674 min Scan# 1921
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:152 Resp: 20589

Ion	Ratio	Lower	Upper
152	100		
151	23.3	15.8	23.8
153	18.4	12.2	18.4#



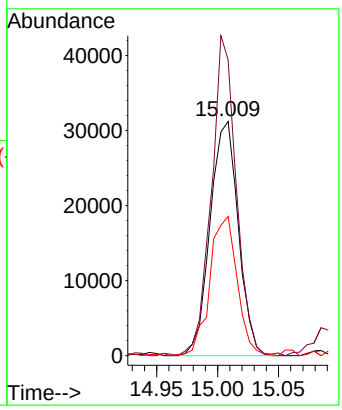


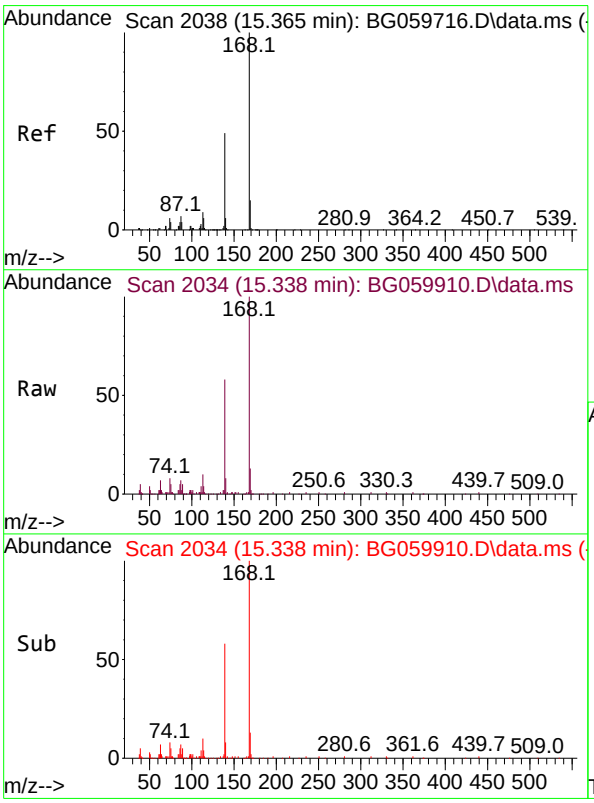
#52
Acenaphthene
Concen: 9.501 ng
RT: 15.009 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:154 Resp: 50149

Ion	Ratio	Lower	Upper
154	100		
153	126.3	85.8	128.8
152	59.4	44.4	66.6

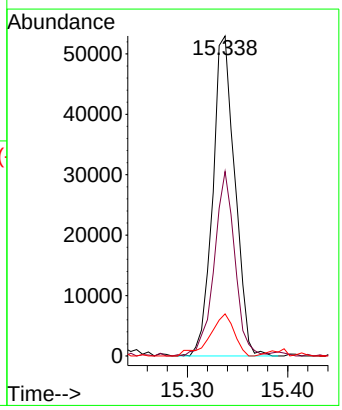


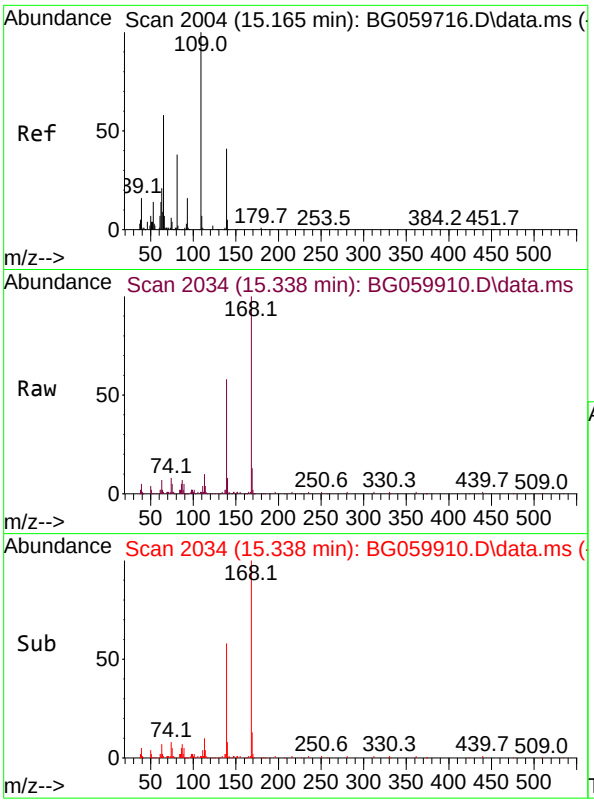


#55
Dibenzofuran
Concen: 9.329 ng
RT: 15.338 min Scan# 2034
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:168 Resp: 81192

Ion	Ratio	Lower	Upper
168	100		
139	57.7	38.9	58.3
169	13.1	11.8	17.8



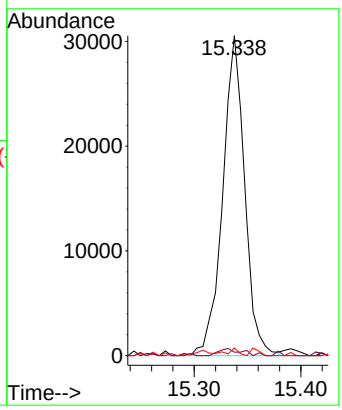


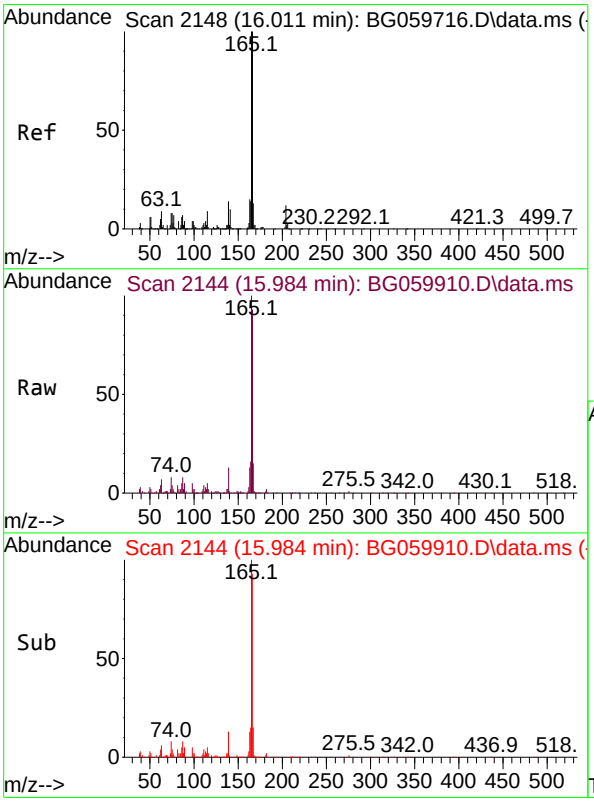
#56
4-Nitrophenol
Concen: 34.815 ng
RT: 15.338 min Scan# 2
Delta R.T. 0.193 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:139 Resp: 43745

Ion	Ratio	Lower	Upper
139	100		
109	1.1	223.4	263.4#
65	2.4	120.6	160.6#

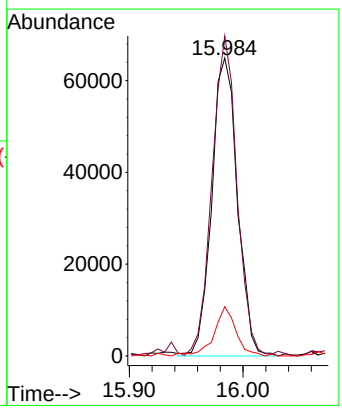


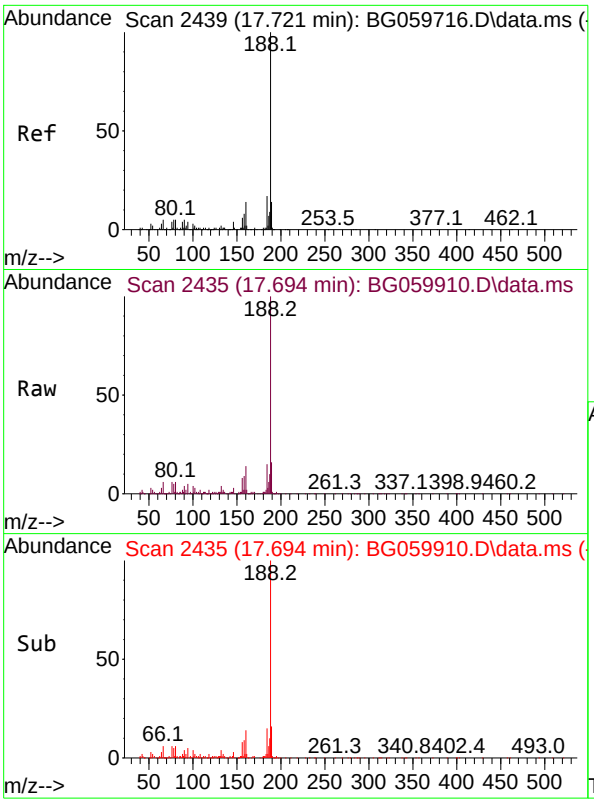


#58
Fluorene
Concen: 14.084 ng
RT: 15.984 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:166 Resp: 101834

Ion	Ratio	Lower	Upper
166	100		
165	107.4	79.9	119.9
167	16.6	10.1	15.1#



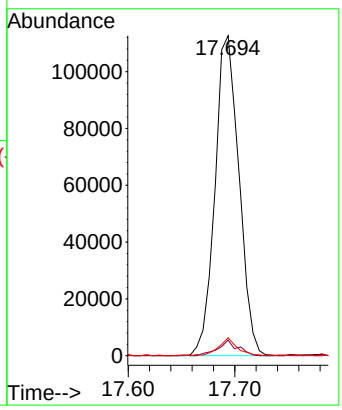


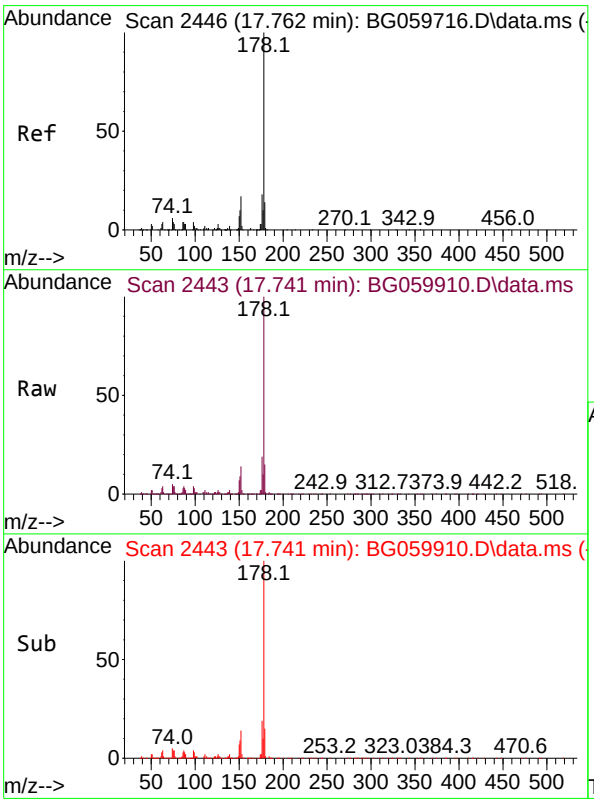
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:188 Resp: 175930

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.0	4.4#
80	5.6	4.2	6.4

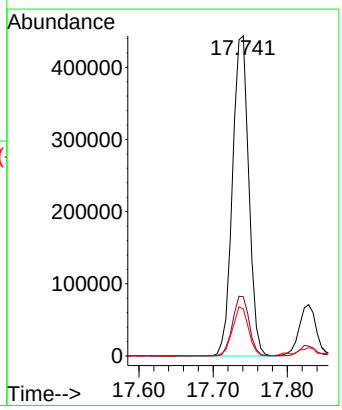


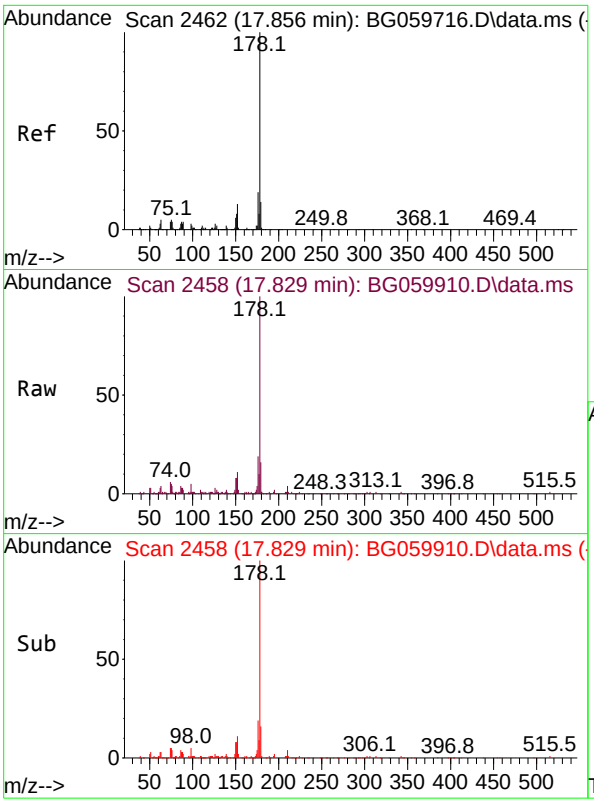


#71
Phenanthrene
Concen: 75.576 ng
RT: 17.741 min Scan# 2443
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:178 Resp: 676006

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	14.7	11.2	16.8



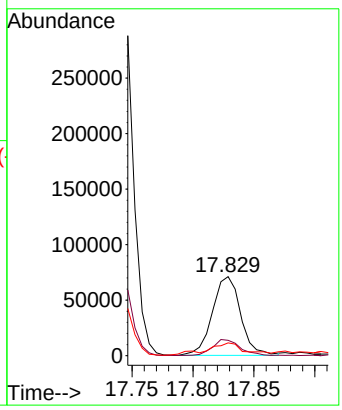


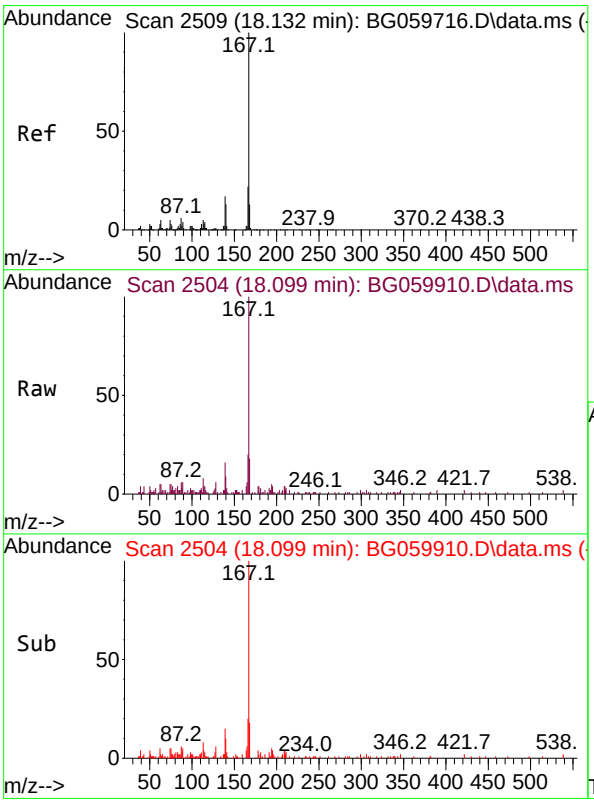
#72
Anthracene
Concen: 12.292 ng
RT: 17.829 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:178 Resp: 114235

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.2	11.5	17.3

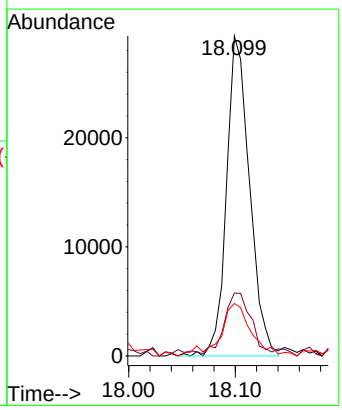


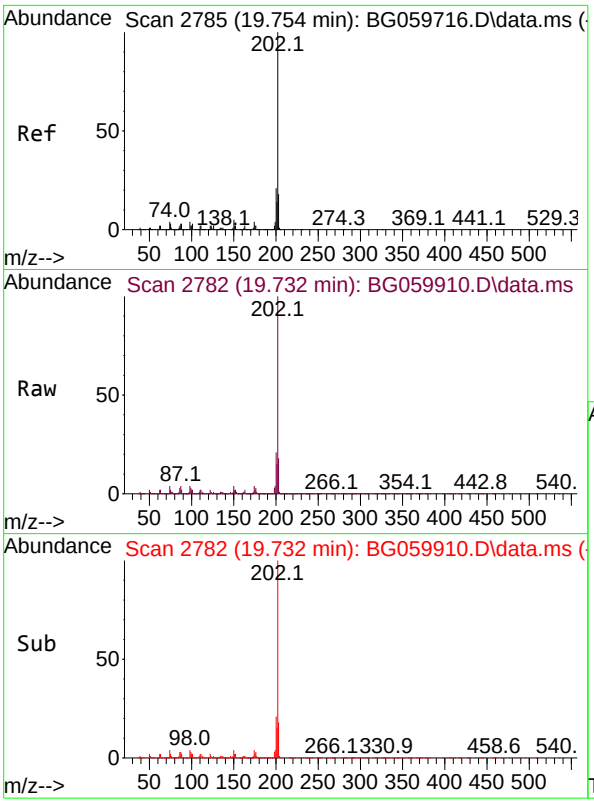


#73
Carbazole
Concen: 5.427 ng
RT: 18.099 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:167 Resp: 44062

Ion	Ratio	Lower	Upper
167	100		
166	19.7	17.4	26.0
139	16.4	13.2	19.8



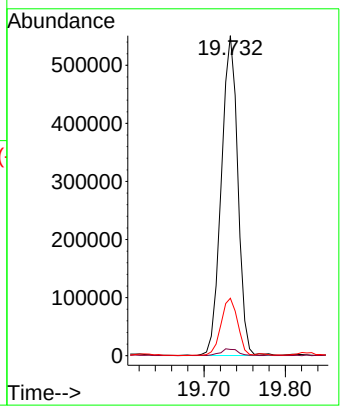


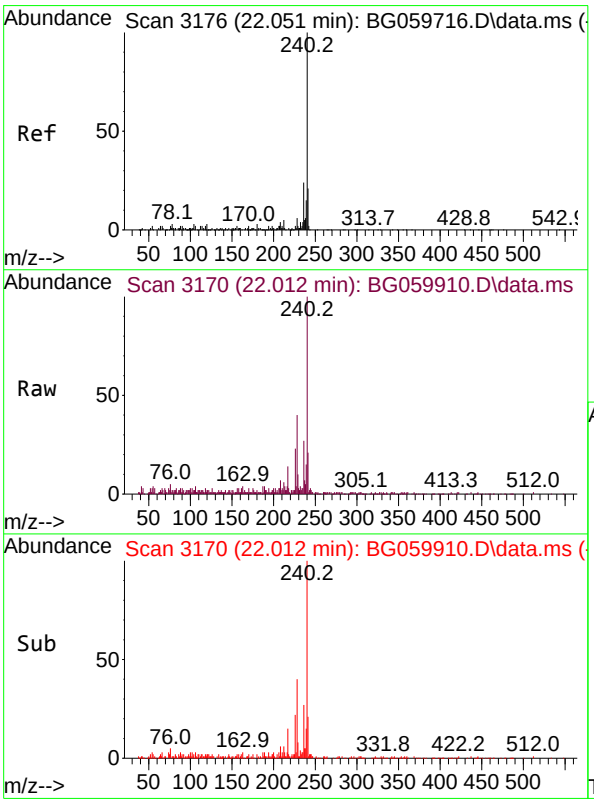
#75
Fluoranthene
Concen: 72.573 ng
RT: 19.732 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:202 Resp: 778476

Ion	Ratio	Lower	Upper
202	100		
101	1.9	0.0	22.7
203	18.0	0.0	38.2

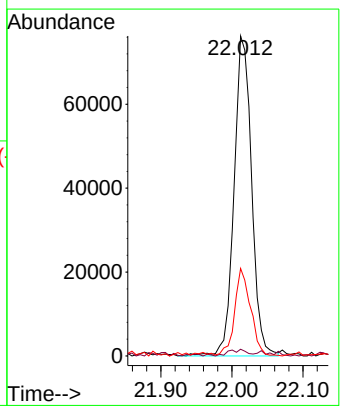


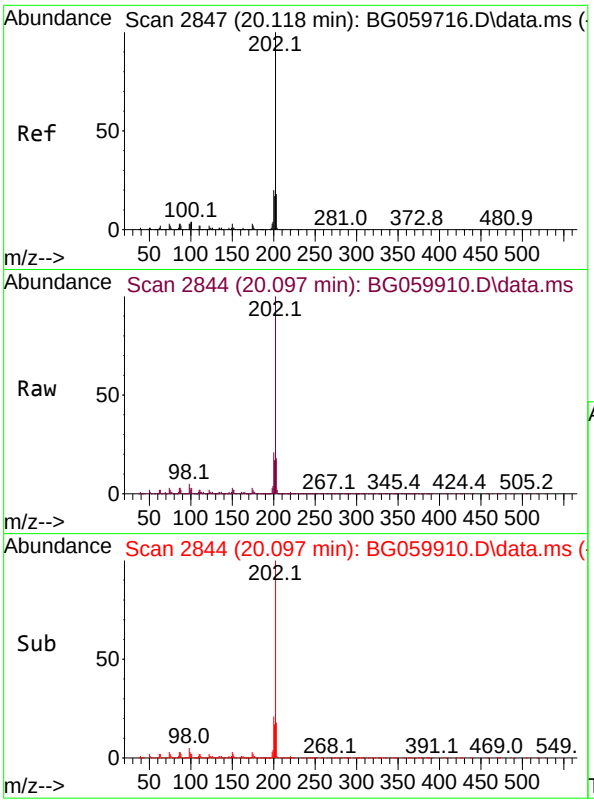


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:240 Resp: 131363

Ion	Ratio	Lower	Upper
240	100		
120	2.1	2.2	3.2#
236	27.3	19.4	29.2



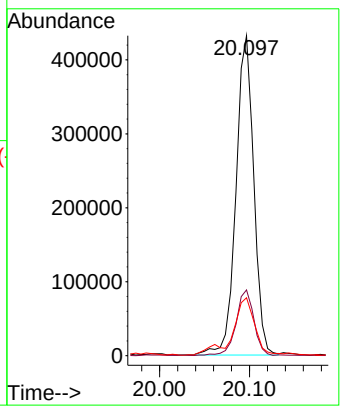


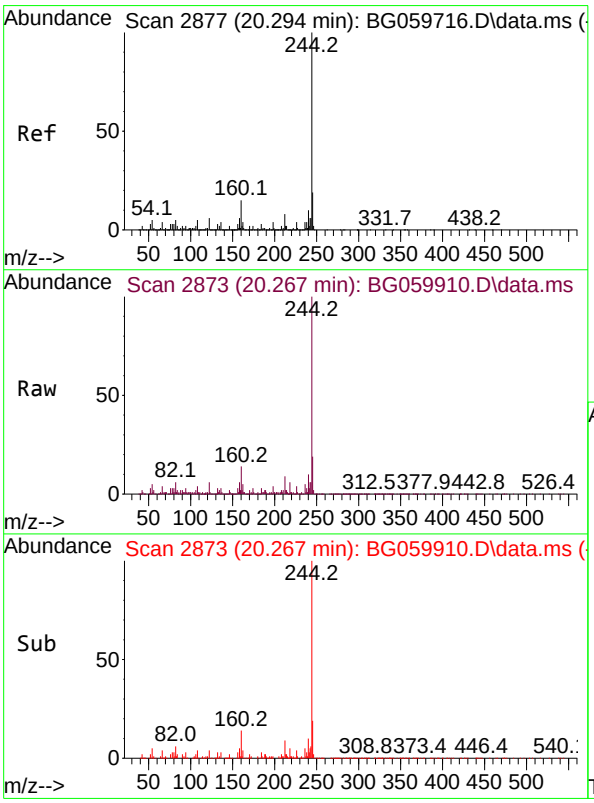
#78
Pyrene
Concen: 66.528 ng
RT: 20.097 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:202 Resp: 594621

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	18.1	14.0	21.0

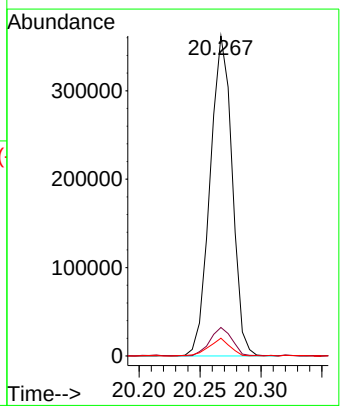


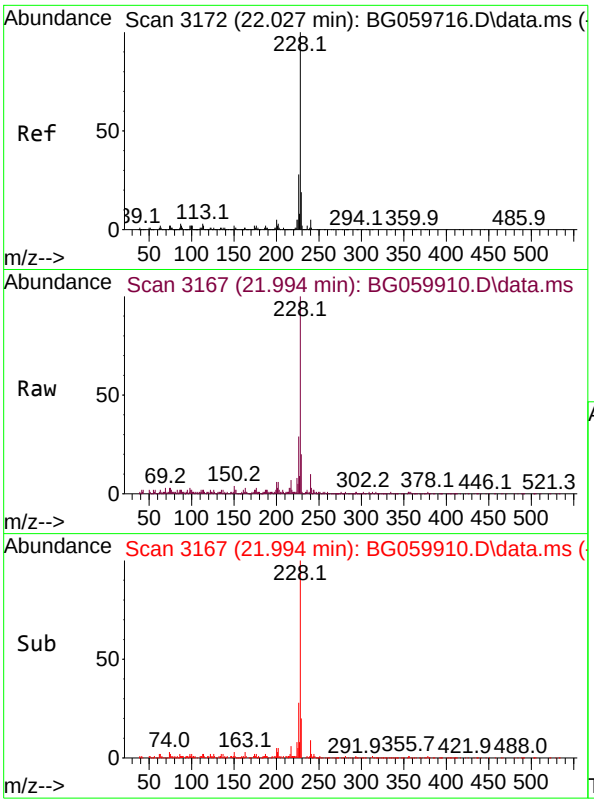


#79
Terphenyl-d14
Concen: 51.264 ng
RT: 20.267 min Scan# 2873
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:244 Resp: 456173

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	5.5	4.4	6.6



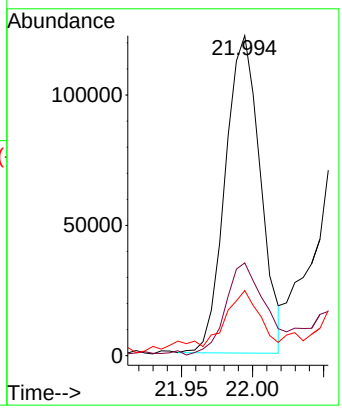


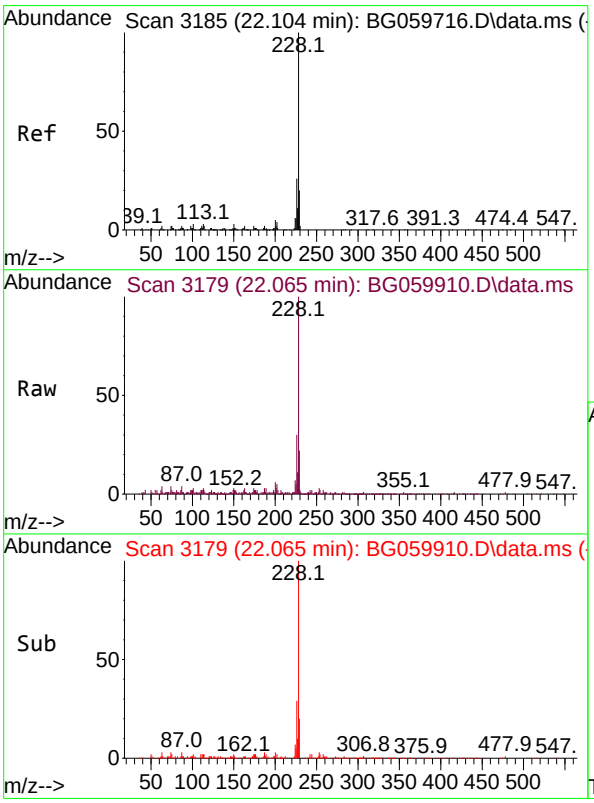
#81
Benzo(a)anthracene
Concen: 23.280 ng
RT: 21.994 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:228 Resp: 209242

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	20.4	14.9	22.3

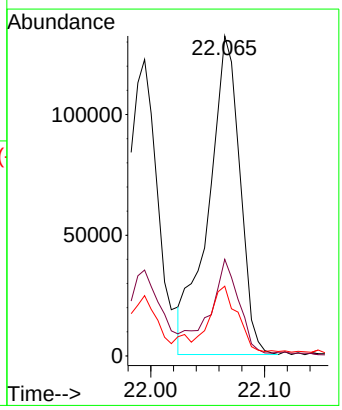


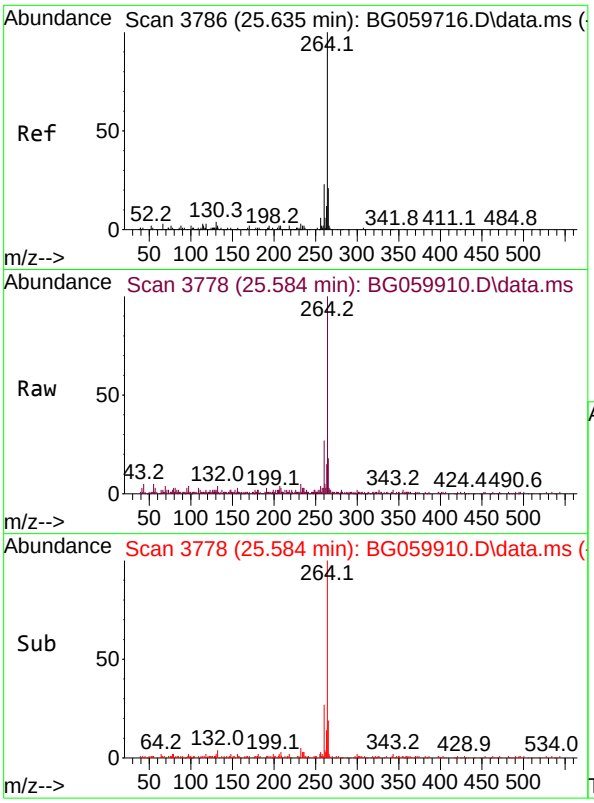


#83
Chrysene
Concen: 30.671 ng
RT: 22.065 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:228 Resp: 252709

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.1	31.7
229	21.8	16.2	24.4



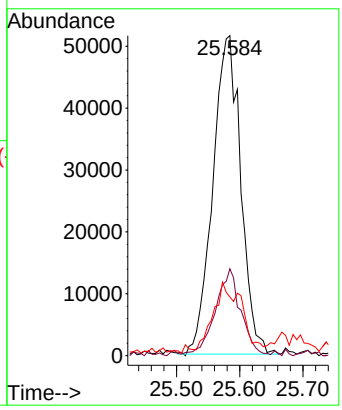


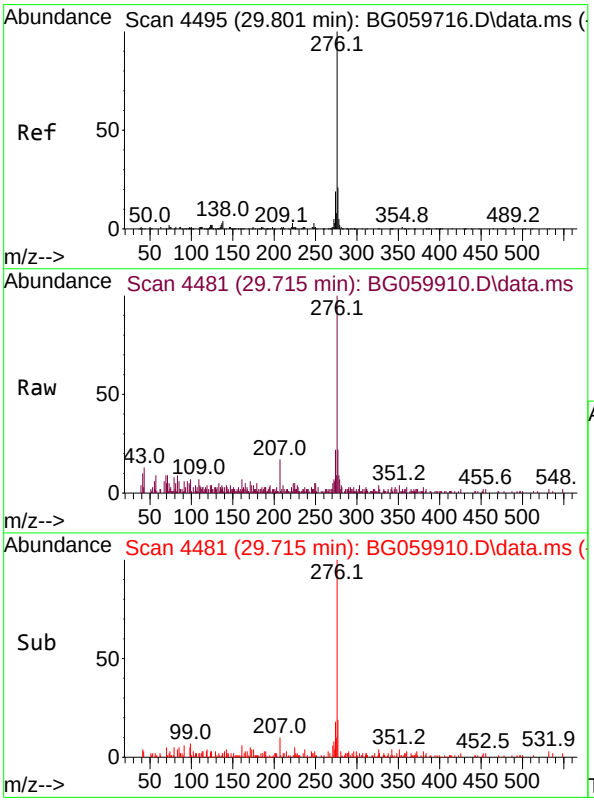
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.584 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:264 Resp: 157987

Ion	Ratio	Lower	Upper
264	100		
260	27.1	18.5	27.7
265	18.3	17.0	25.6

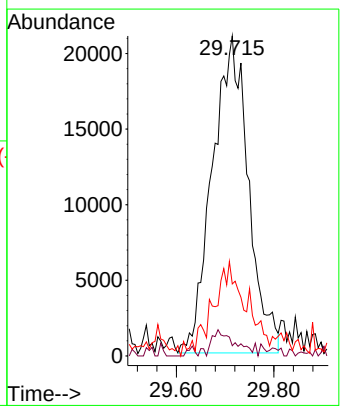


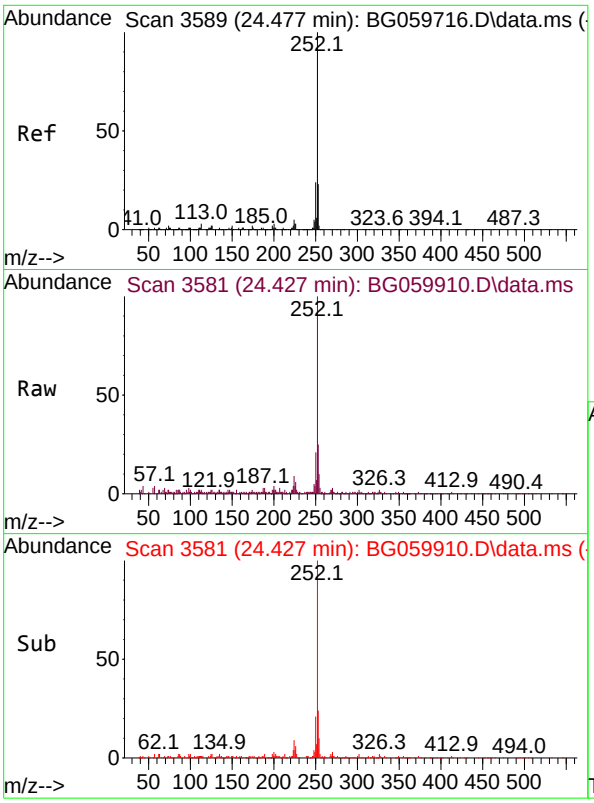


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.003 ng
RT: 29.715 min Scan# 4481
Delta R.T. -0.001 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:276 Resp: 107625

Ion	Ratio	Lower	Upper
276	100		
138	0.0	1.8	2.6#
277	0.0	9.8	14.6#



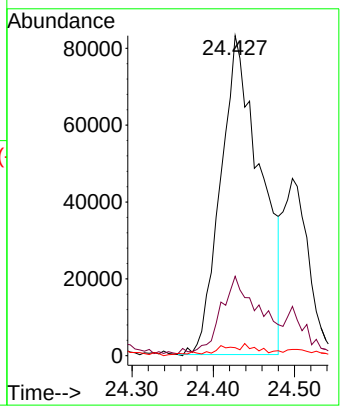


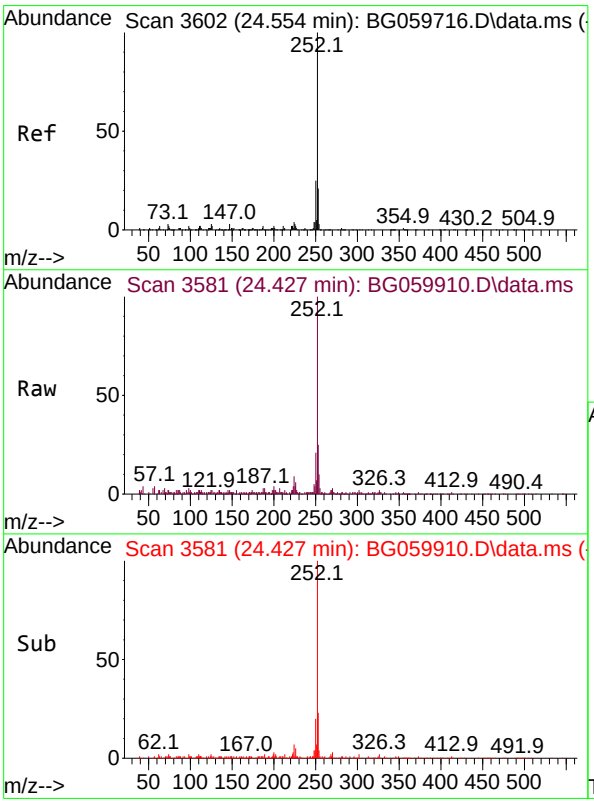
#88
Benzo(b)fluoranthene
Concen: 32.692 ng
RT: 24.427 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:252 Resp: 283083

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	2.5	1.4	2.0#

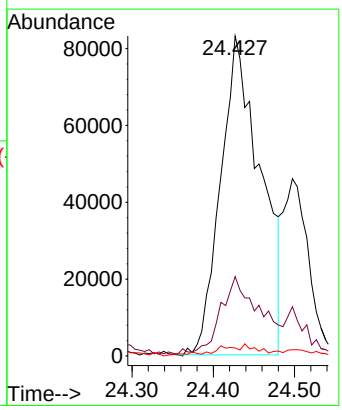


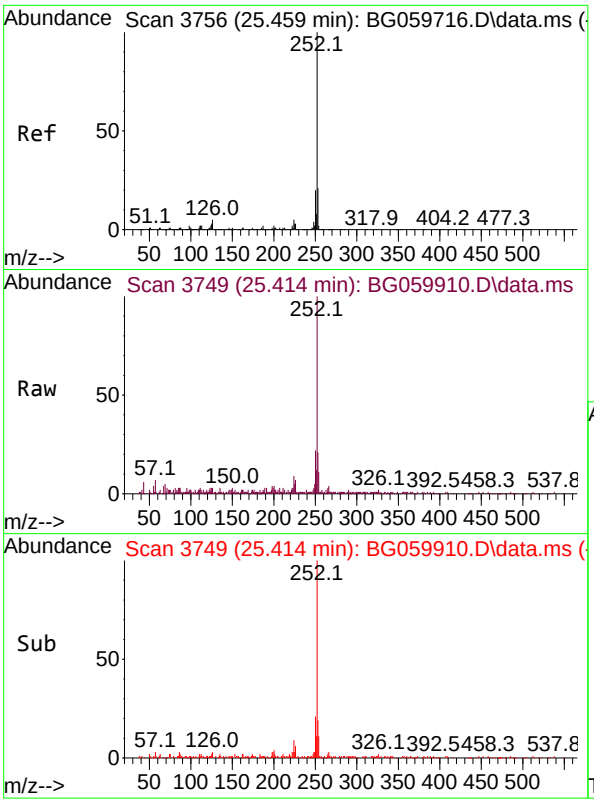


#89
Benzo(k)fluoranthene
Concen: 33.068 ng
RT: 24.427 min Scan# 3581
Delta R.T. -0.077 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:252 Resp: 283083

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	2.5	2.2	3.2



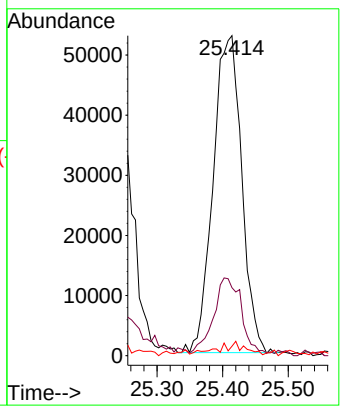


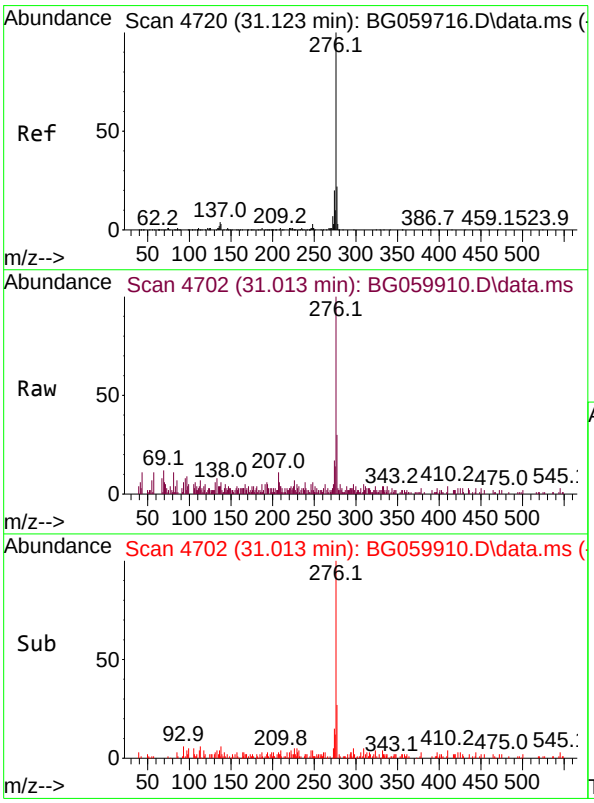
#90
Benzo(a)pyrene
Concen: 17.231 ng
RT: 25.414 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Instrument :
BNA_G
ClientSampleId :
281

Tgt Ion:252 Resp: 159240

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	2.9	2.0	3.0





#92
Benzo(g,h,i)perylene
Concen: 5.295 ng
RT: 31.013 min Scan# 4702
Delta R.T. -0.024 min
Lab File: BG059910.D
Acq: 27 Nov 2023 21:13

Tgt Ion:276 Resp: 50810

Ion	Ratio	Lower	Upper
276	100		
277	30.4	17.3	25.9#
138	5.8	2.6	4.0#