Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054713.D
Acq On : 23 Aug 2022 19:03
Operator : CG/JU
Sample : N4140-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Quant Time: Aug 24 01:51:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	60874	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	253927	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	153983	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	298195	20.000	ng	0.00
76) Chrysene-d12	21.836	240	270686	20.000	ng	0.01
86) Perylene-d12	25.226	264	283722	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	302676	93.696	ng	0.00
7) Phenol-d6	7.300	99	410212	90.626	ng	0.00
23) Nitrobenzene-d5	9.333	82	253212	56.828	ng	0.00
42) 2,4,6-Tribromophenol	16.278	330	146505	118.805	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	566428	54.247	ng	0.00
79) Terphenyl-d14	20.144	244	733886	53.857	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.327	70	32403	10.175	ng	# 83
31) Naphthalene	11.037	128	32870	2.405	ng	99
32) Benzoic acid	10.173	122	707	3.528	ng	93
48) 2-Nitroaniline	13.851	65	125	3.620	ng	# 48
52) Acenaphthene	14.856	154	27525	3.108	ng	97
55) Dibenzofuran	15.185	168	27213	2.027	ng	98
56) 4-Nitrophenol	15.185	139	10422	6.448	ng	# 45
57) 2,4-Dinitrotoluene	15.232	165	845	4.571	ng	# 48
58) Fluorene	15.837	166	26770	2.412	ng	99
70) Pentachlorophenol	16.866	266	315	7.267	ng	# 19
71) Phenanthrene	17.577	178	234836	14.775	ng	99
72) Anthracene	17.577	178	234836	15.247	ng	99
73) Carbazole	17.935	167	29908	2.183	ng	# 86
75) Fluoranthene	19.609	202	299289	15.971	ng	99
78) Pyrene	19.956	202	244146	12.787	ng	98
80) Butylbenzylphthalate	20.826	149	3896	5.706	ng	# 41
81) Benzo(a)anthracene	21.819	228	73834	4.016	ng	# 86
83) Chrysene	21.889	228	75828	4.334	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.707	149	14352	5.575	ng	# 84
88) Benzo(b)fluoranthene	24.145	252	75910	4.309	ng	# 80
89) Benzo(k)fluoranthene	24.145	252	75910	4.175	ng	# 80
90) Benzo(a)pyrene	25.056	252	49045	3.244	ng	# 81
92) Benzo(g,h,i)perylene	30.326	276	34814	2.047	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054713.D
Acq On : 23 Aug 2022 19:03
Operator : CG/JU
Sample : N4140-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Quant Time: Aug 24 01:51:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
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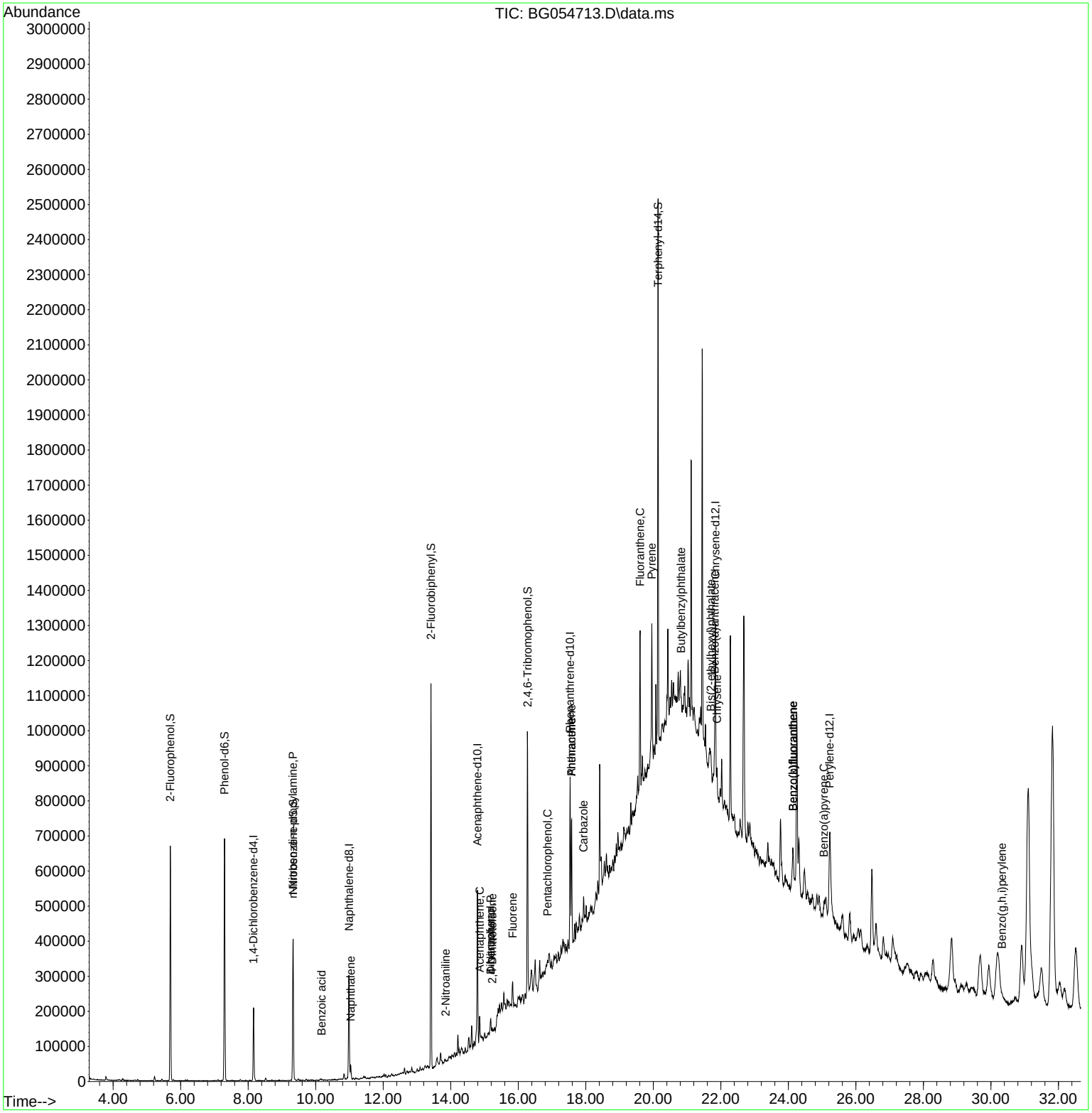
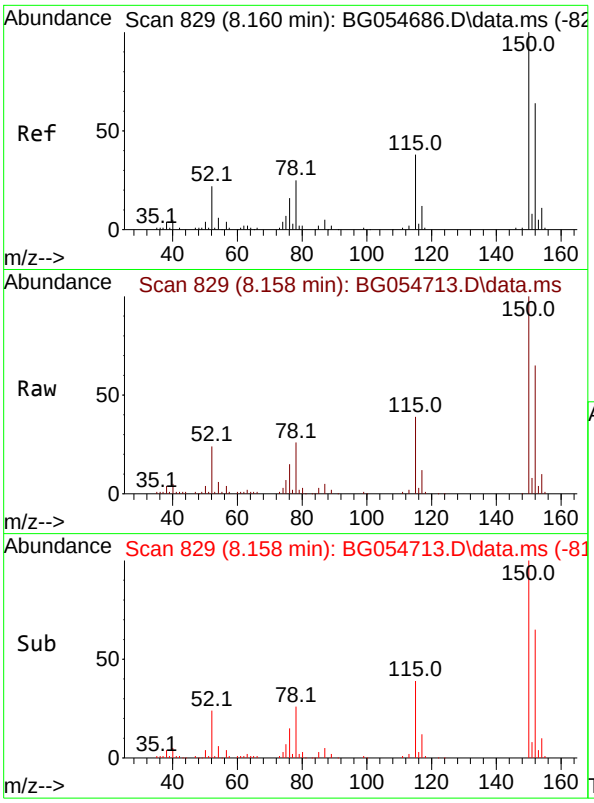


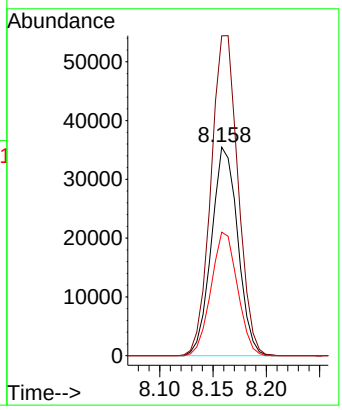


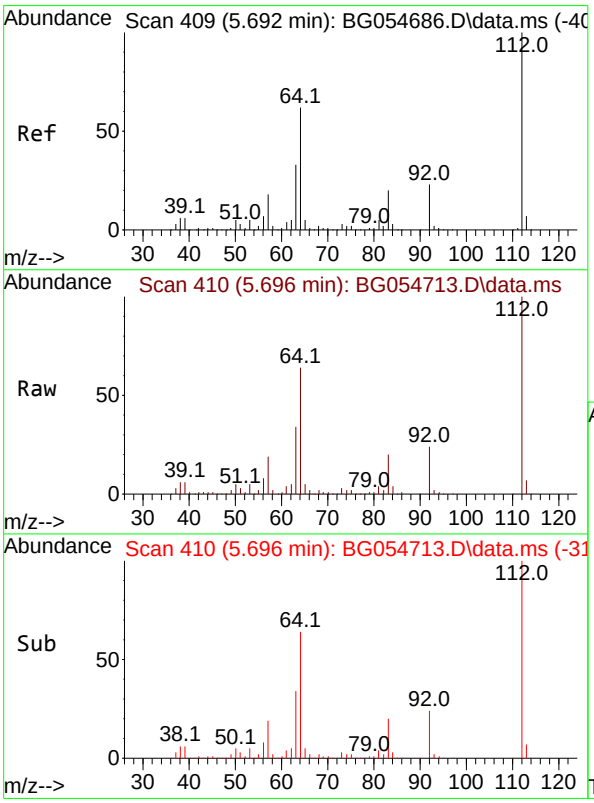
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:152 Resp: 60874

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.2	187.8
115	59.2	47.9	71.9

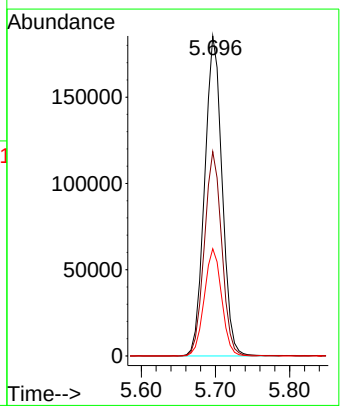


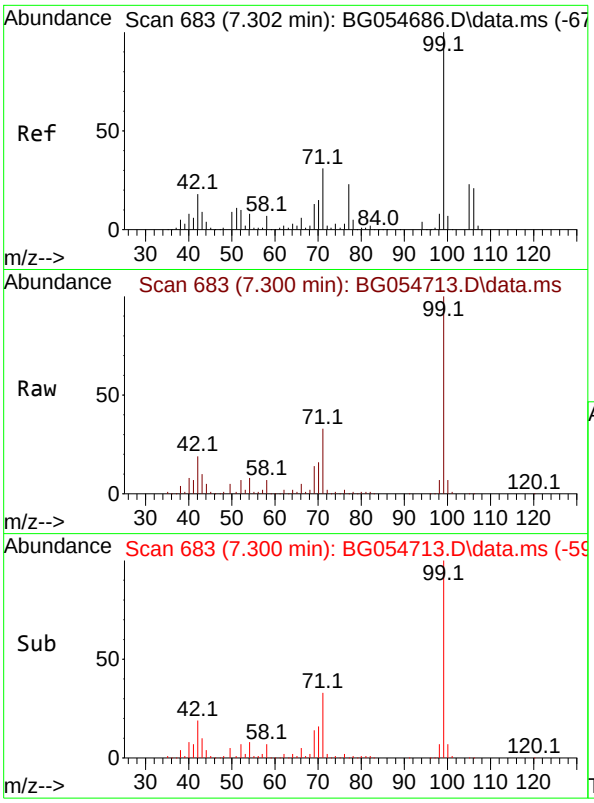


#5
2-Fluorophenol
Concen: 93.696 ng
RT: 5.696 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:112 Resp: 302676

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.3	73.9
63	33.5	26.3	39.5



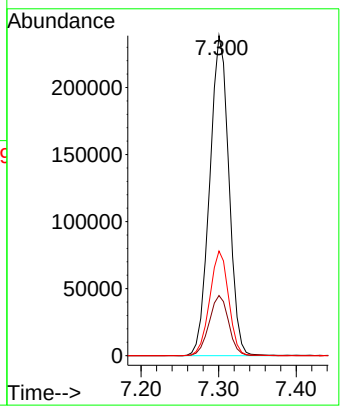


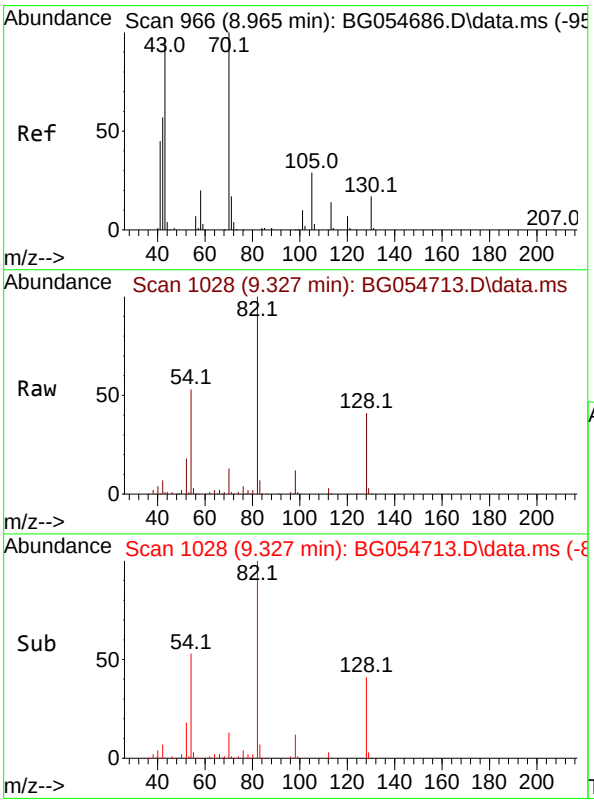
#7
Phenol-d6
Concen: 90.626 ng
RT: 7.300 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion: 99 Resp: 410212

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	22.0
71	32.7	24.6	37.0

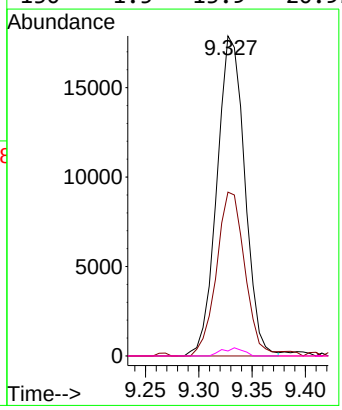


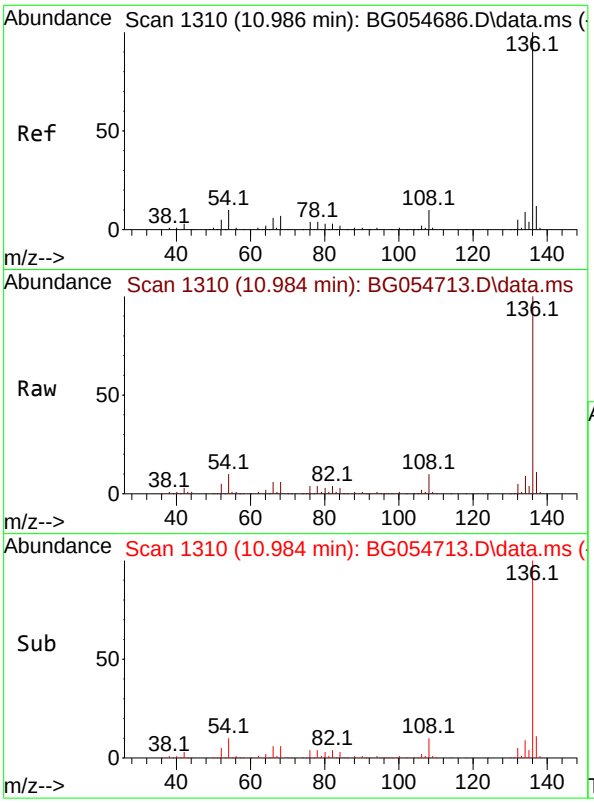


#19
n-Nitroso-di-n-propylamine
Concen: 10.175 ng
RT: 9.327 min Scan# 1028
Delta R.T. 0.363 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion: 70 Resp: 32403

Ion	Ratio	Lower	Upper
70	100		
42	51.2	46.6	69.8
101	0.0	7.7	11.5#
130	1.5	13.9	20.9#



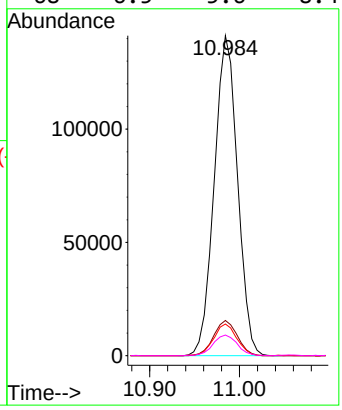


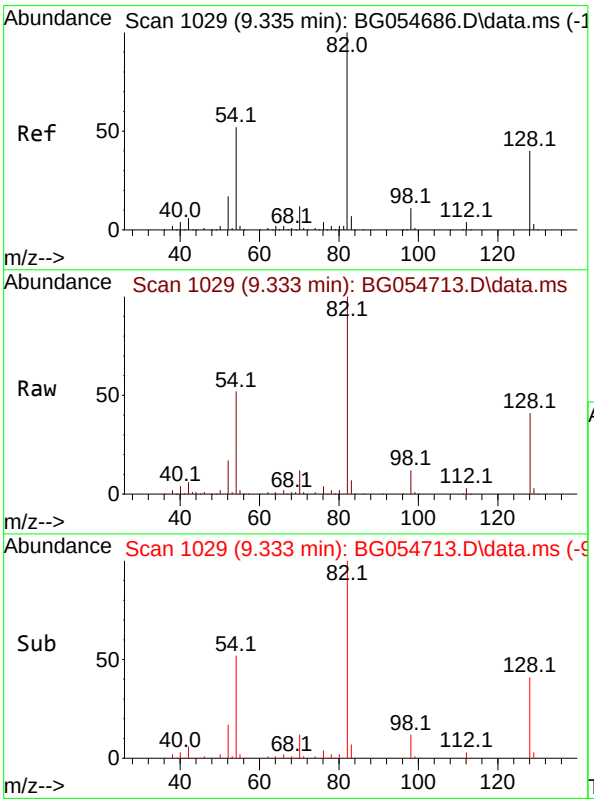
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:136 Resp: 253927

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.9	7.7	11.5
68	6.5	5.6	8.4

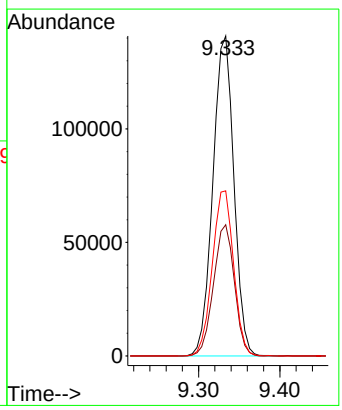


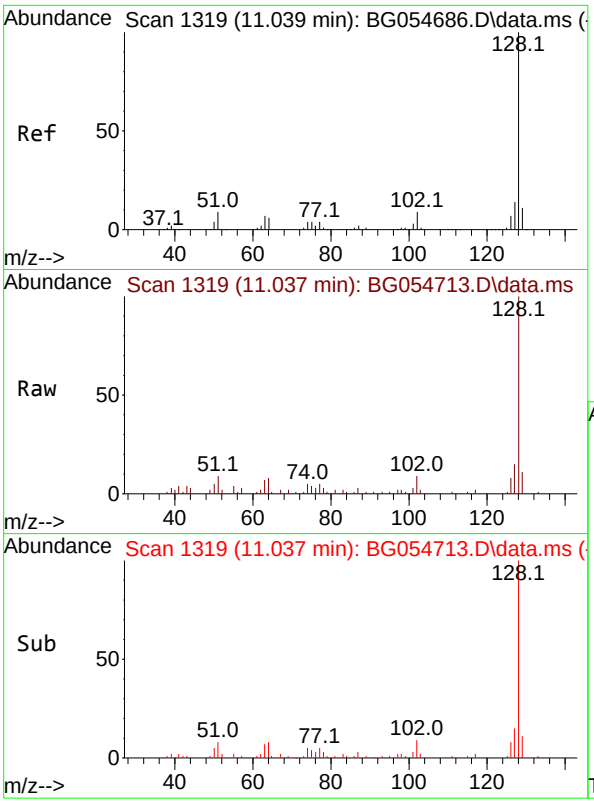


#23
Nitrobenzene-d5
Concen: 56.828 ng
RT: 9.333 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion: 82 Resp: 253212

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.2	48.2
54	51.6	41.4	62.0



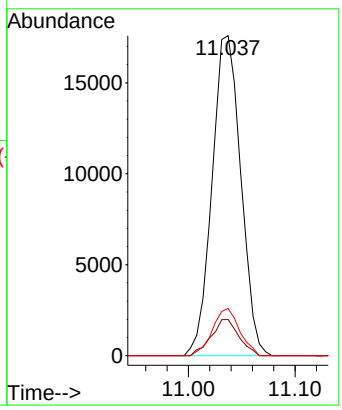


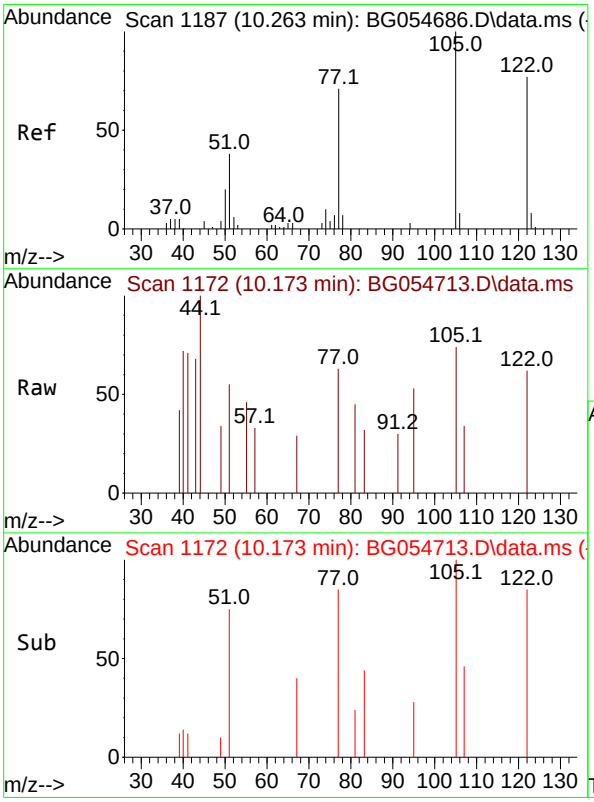
#31
Naphthalene
Concen: 2.405 ng
RT: 11.037 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:128 Resp: 32870

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.8	11.1	16.7

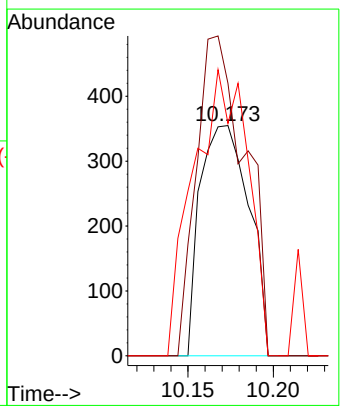


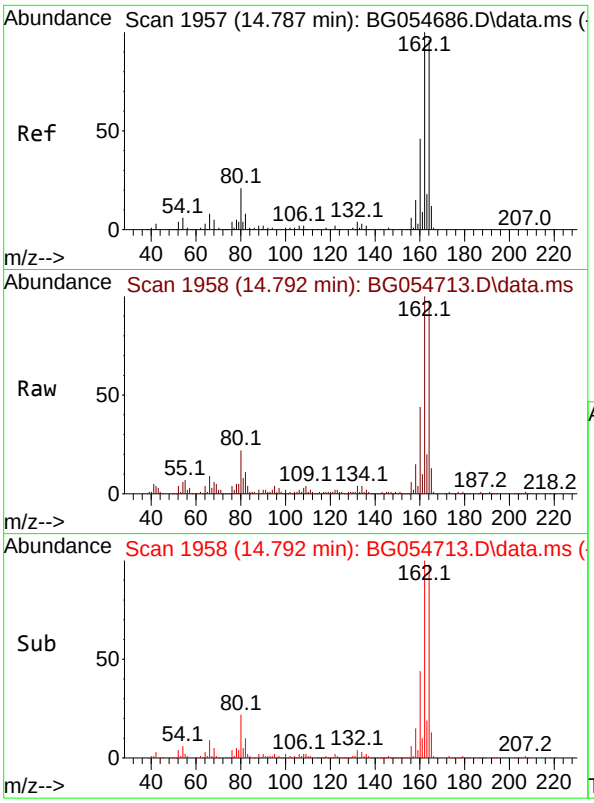


#32
Benzoic acid
Concen: 3.528 ng
RT: 10.173 min Scan# 1172
Delta R.T. -0.090 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:122 Resp: 707

Ion	Ratio	Lower	Upper
122	100		
105	118.3	101.5	141.5
77	100.8	69.3	109.3



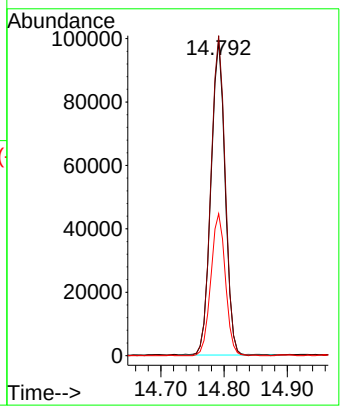


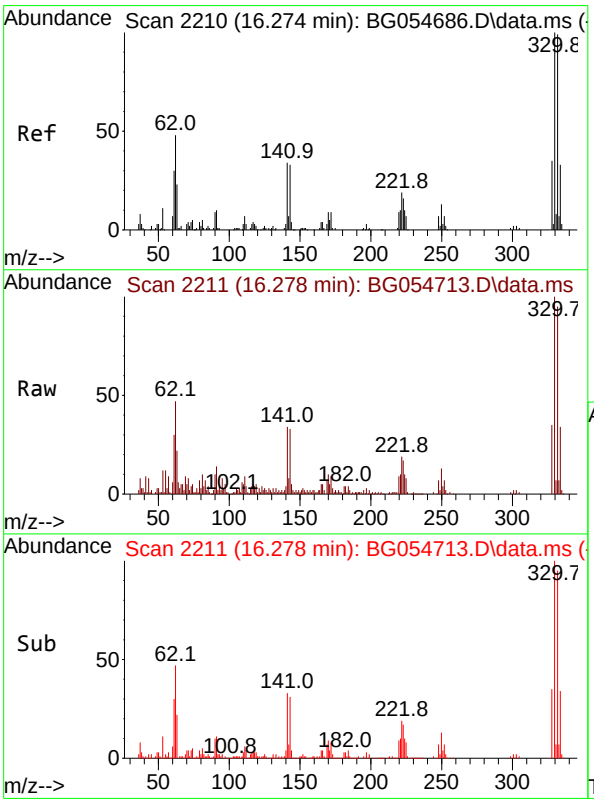
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:164 Resp: 153983

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.0	124.4
160	45.1	38.0	57.0

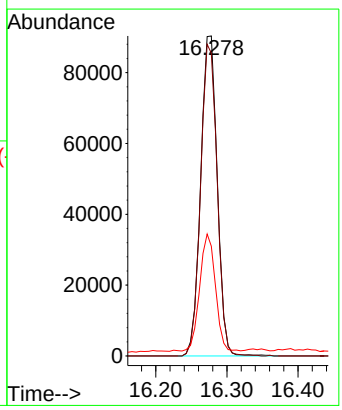


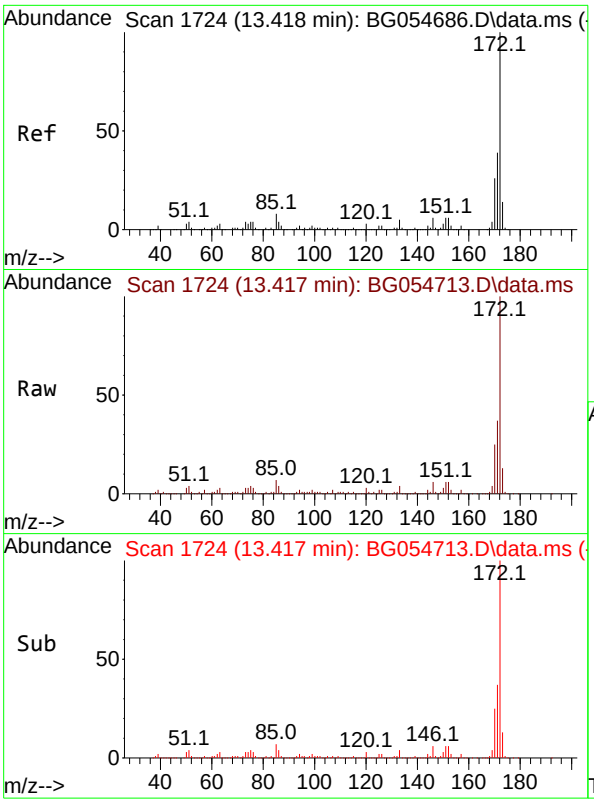


#42
2,4,6-Tribromophenol
Concen: 118.805 ng
RT: 16.278 min Scan# 2211
Delta R.T. 0.004 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:330 Resp: 146505

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.8	119.6
141	34.8	26.8	40.2



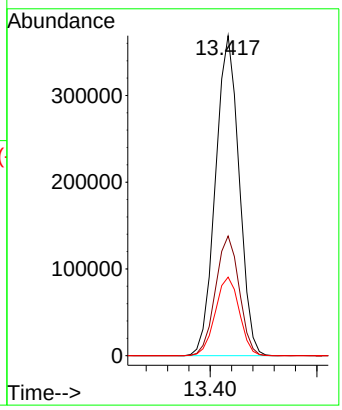


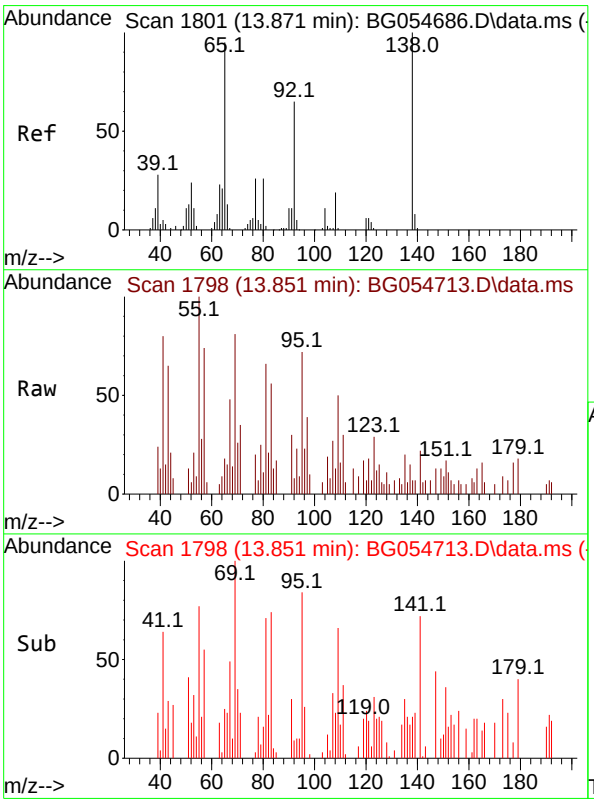
#45
2-Fluorobiphenyl
Concen: 54.247 ng
RT: 13.417 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:172 Resp: 566428

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.2	46.8
170	24.6	20.6	30.8

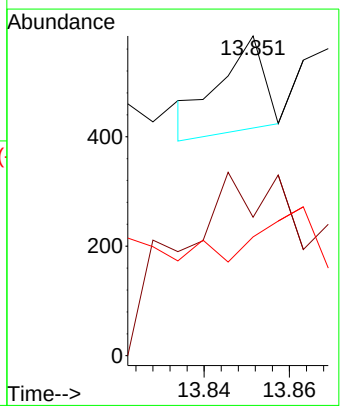


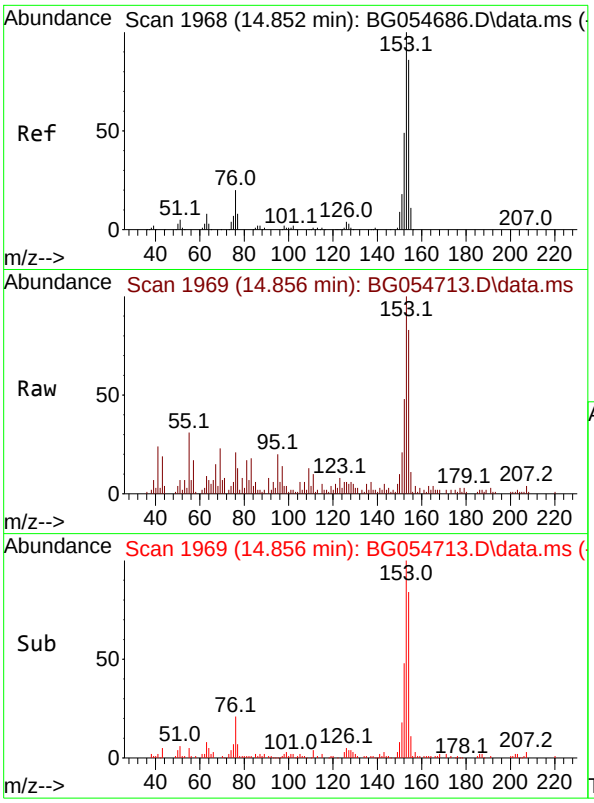


#48
2-Nitroaniline
Concen: 3.620 ng
RT: 13.851 min Scan# 1798
Delta R.T. -0.020 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion: 65 Resp: 125

Ion	Ratio	Lower	Upper
65	100		
92	43.3	54.7	82.1#
138	37.2	84.1	126.1#



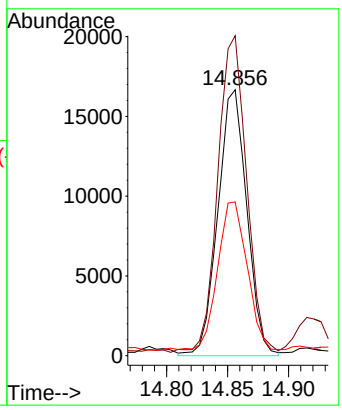


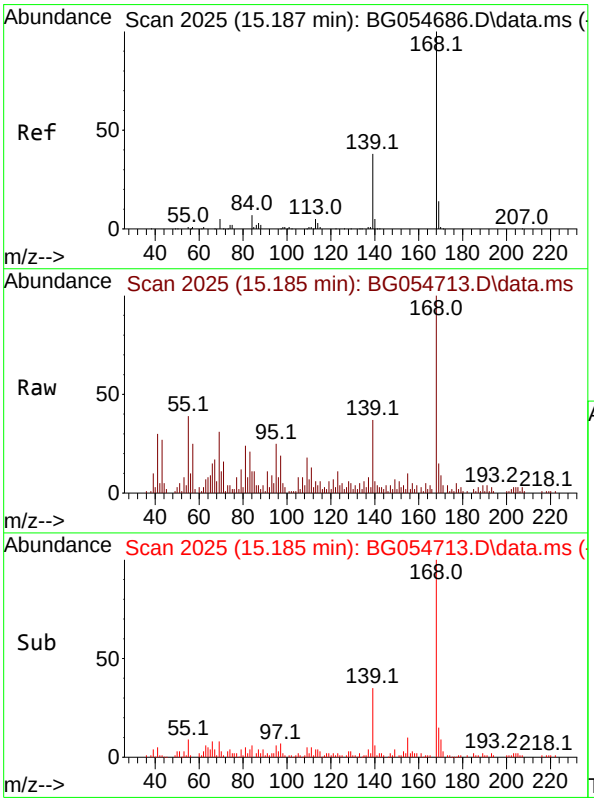
#52
Acenaphthene
Concen: 3.108 ng
RT: 14.856 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:154 Resp: 27525

Ion	Ratio	Lower	Upper
154	100		
153	120.3	92.8	139.2
152	57.8	45.4	68.2

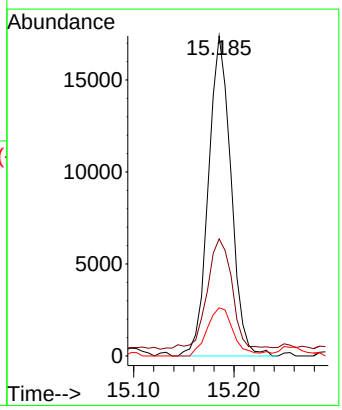


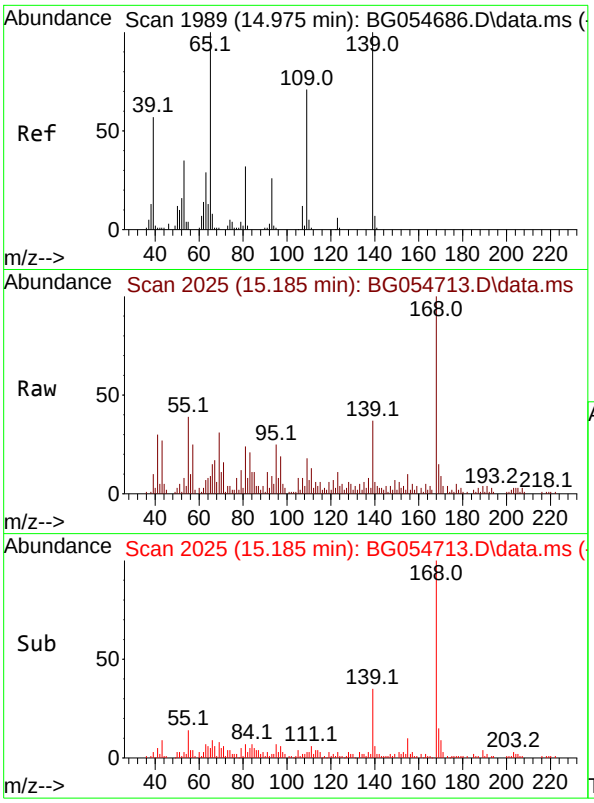


#55
Dibenzofuran
Concen: 2.027 ng
RT: 15.185 min Scan# 2025
Delta R.T. -0.002 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:168 Resp: 27213

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.2	45.2
169	15.0	11.3	16.9



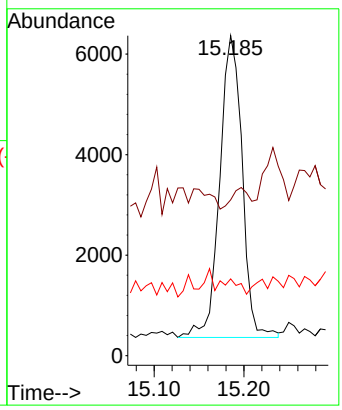


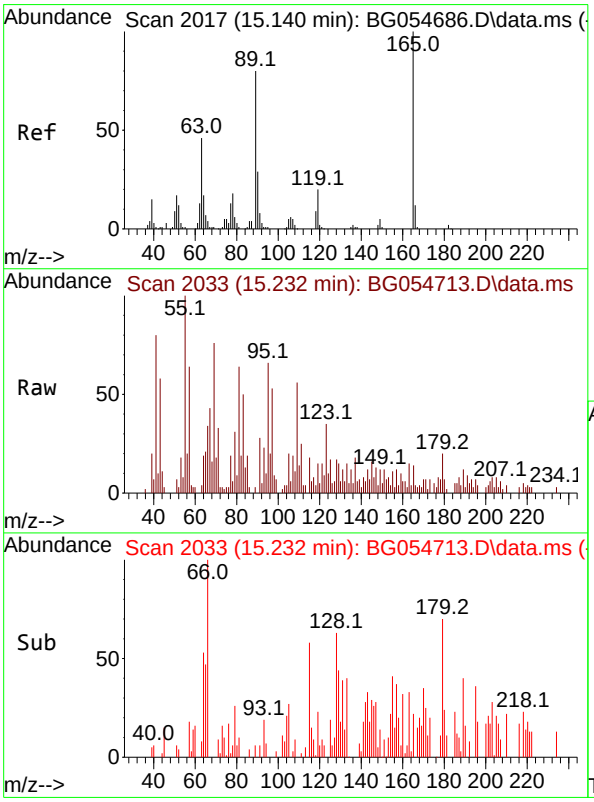
#56
4-Nitrophenol
Concen: 6.448 ng
RT: 15.185 min Scan# 2
Delta R.T. 0.210 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:139 Resp: 10422

Ion	Ratio	Lower	Upper
139	100		
109	48.7	50.5	90.5#
65	24.0	79.9	119.9#

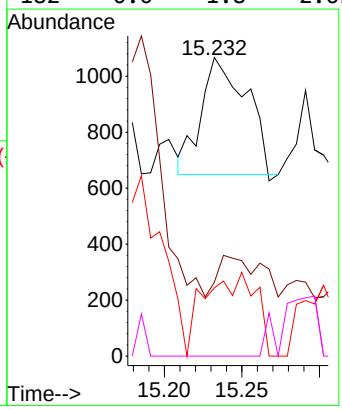


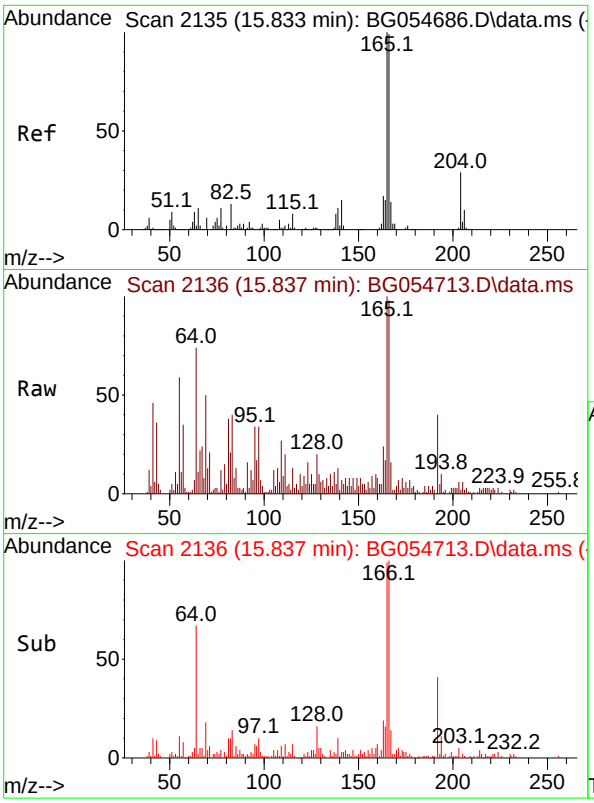


#57
2,4-Dinitrotoluene
Concen: 4.571 ng
RT: 15.232 min Scan# 2033
Delta R.T. 0.092 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:165 Resp: 845

Ion	Ratio	Lower	Upper
165	100		
63	24.7	36.8	55.2#
89	22.9	64.3	96.5#
182	0.0	1.8	2.6#



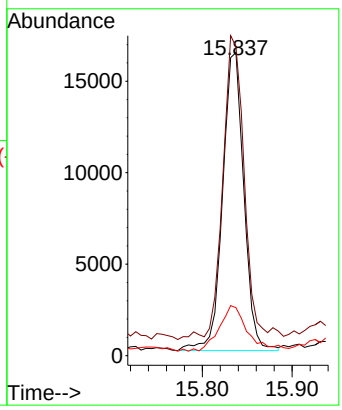


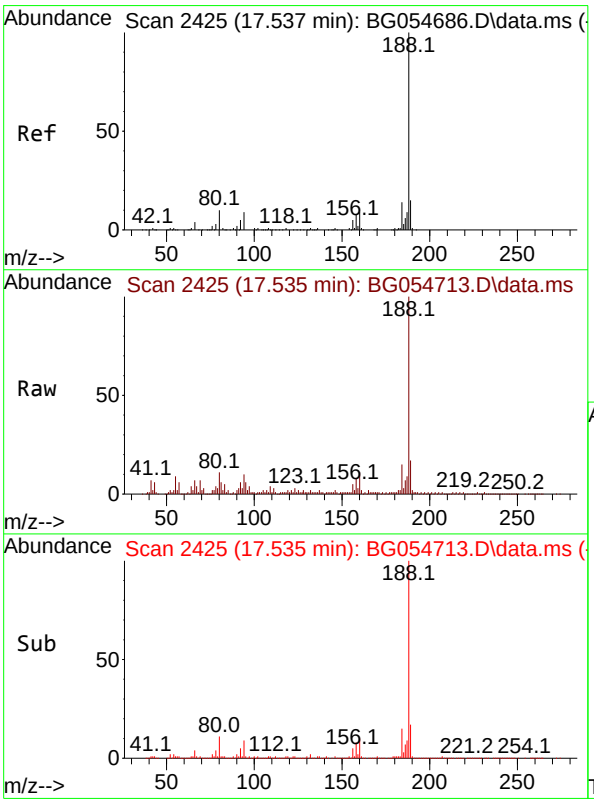
#58
Fluorene
Concen: 2.412 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:166 Resp: 26770

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.8	121.2
167	15.8	11.4	17.0

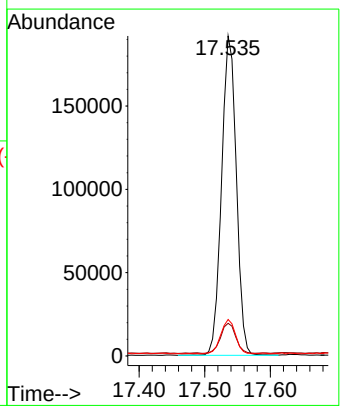


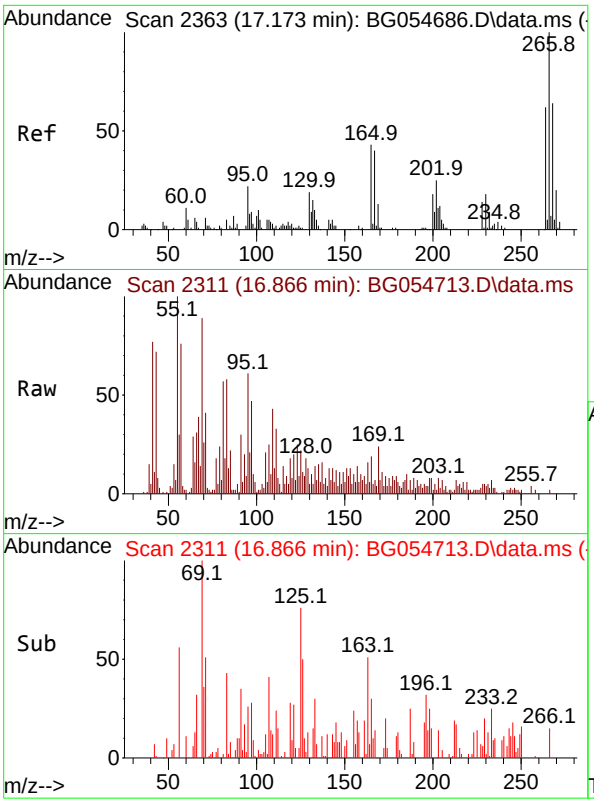


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:188 Resp: 298195

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.4
80	11.4	7.9	11.9



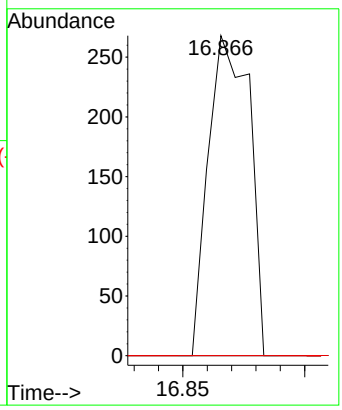


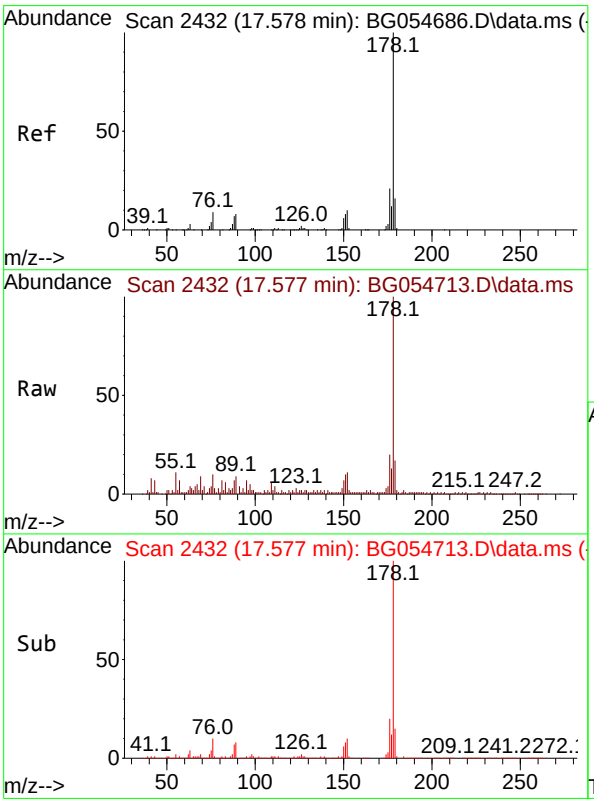
#70
Pentachlorophenol
Concen: 7.267 ng
RT: 16.866 min Scan# 2
Delta R.T. -0.307 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:266 Resp: 315

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.2	76.8#
264	0.0	49.4	74.0#

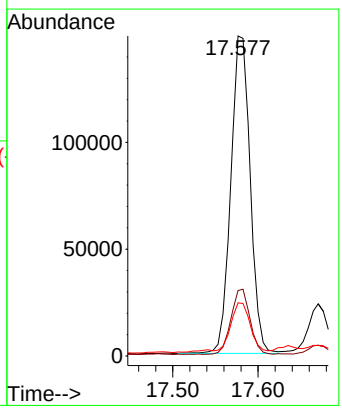


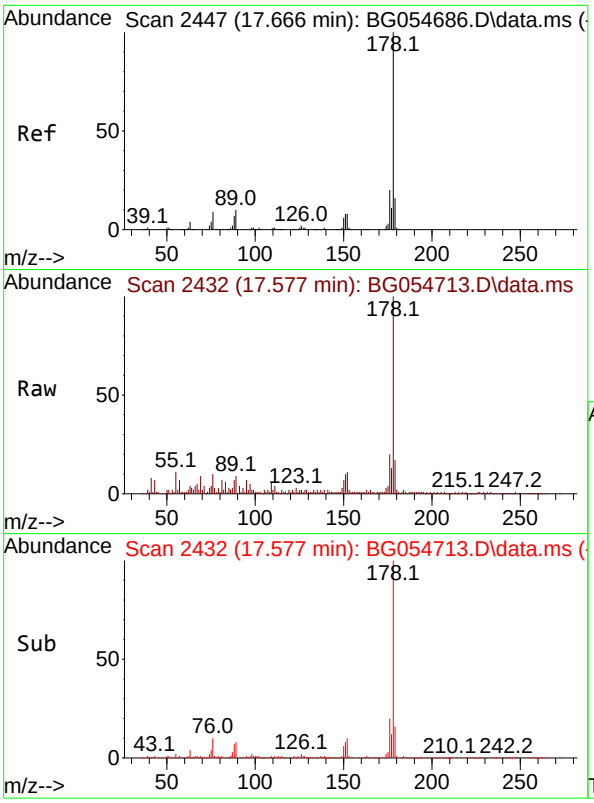


#71
Phenanthrene
Concen: 14.775 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:178 Resp: 234836

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	16.6	12.8	19.2



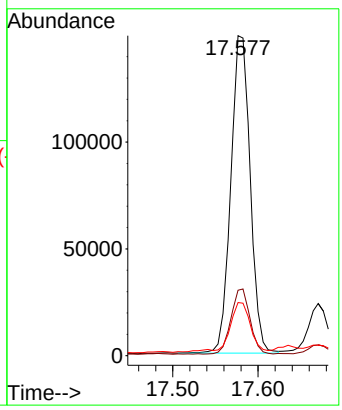


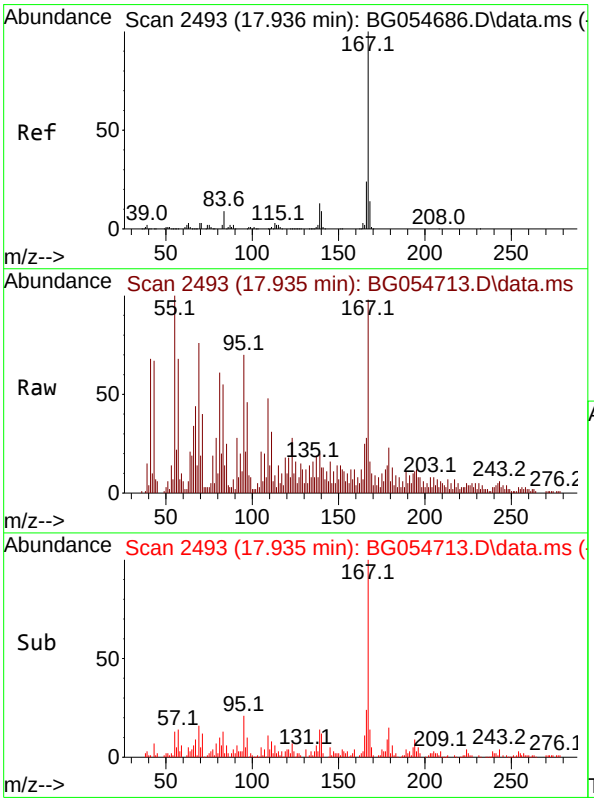
#72
Anthracene
Concen: 15.247 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.090 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:178 Resp: 234836

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.6	12.9	19.3

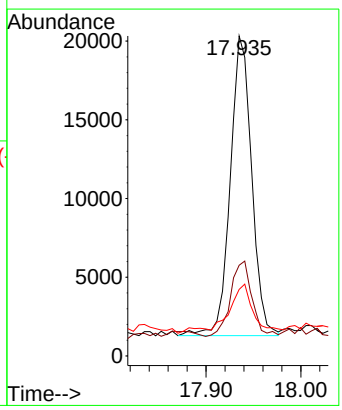


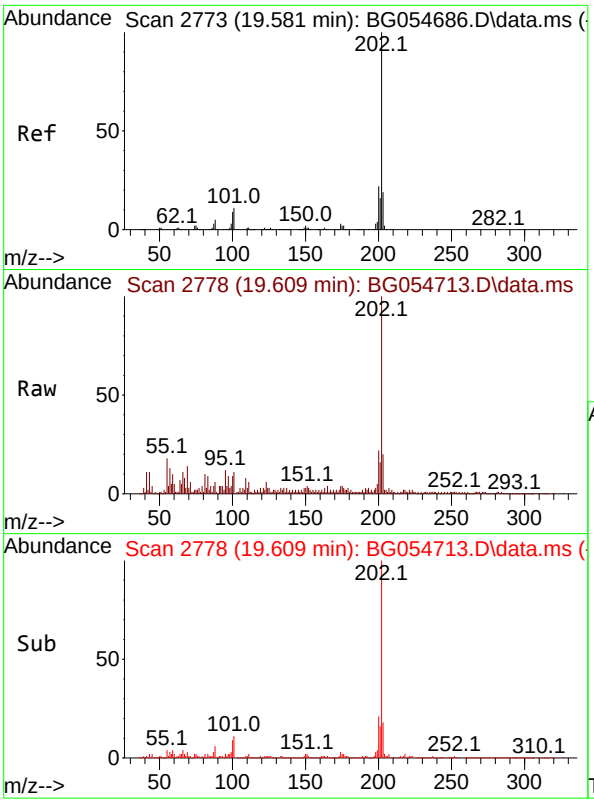


#73
Carbazole
Concen: 2.183 ng
RT: 17.935 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:167 Resp: 29908

Ion	Ratio	Lower	Upper
167	100		
166	28.4	18.8	28.2#
139	20.8	10.2	15.4#



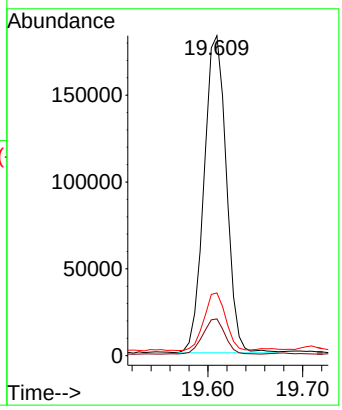


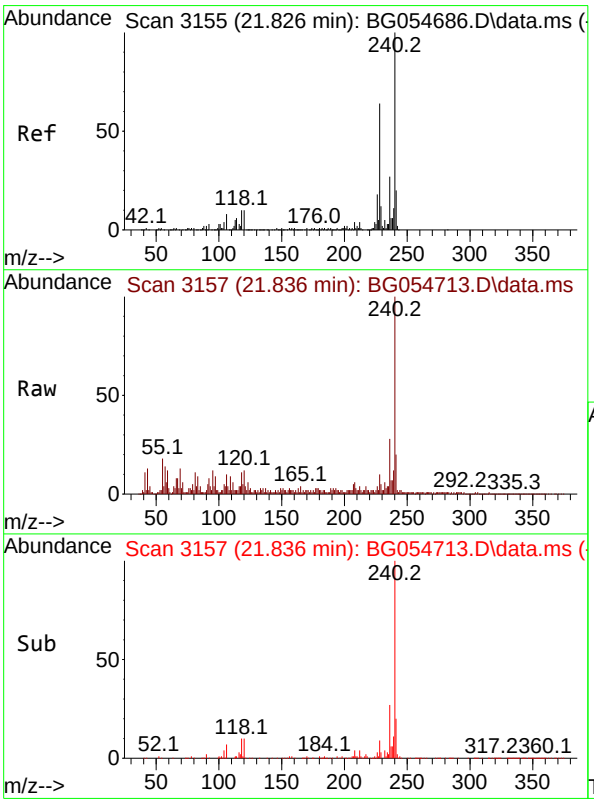
#75
Fluoranthene
Concen: 15.971 ng
RT: 19.609 min Scan# 2
Delta R.T. 0.028 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:202 Resp: 299289

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	19.6	0.0	38.6

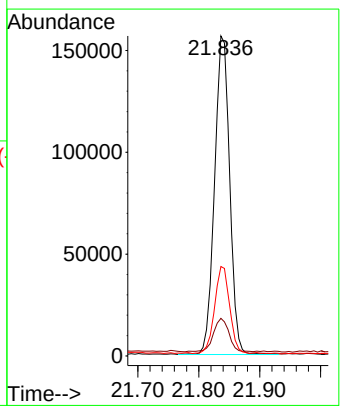


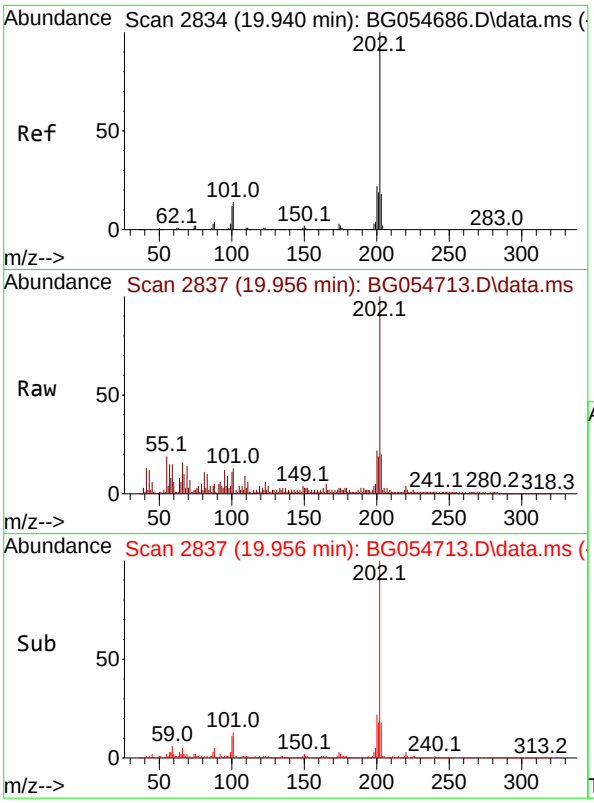


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.836 min Scan# 3157
Delta R.T. 0.010 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:240 Resp: 270686

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.2	12.4
236	27.9	21.2	31.8



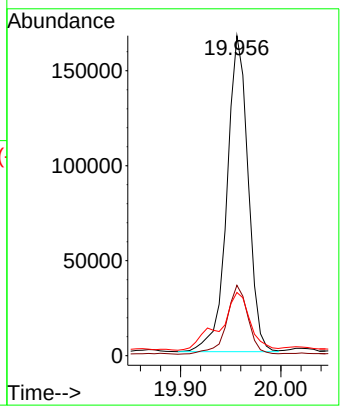


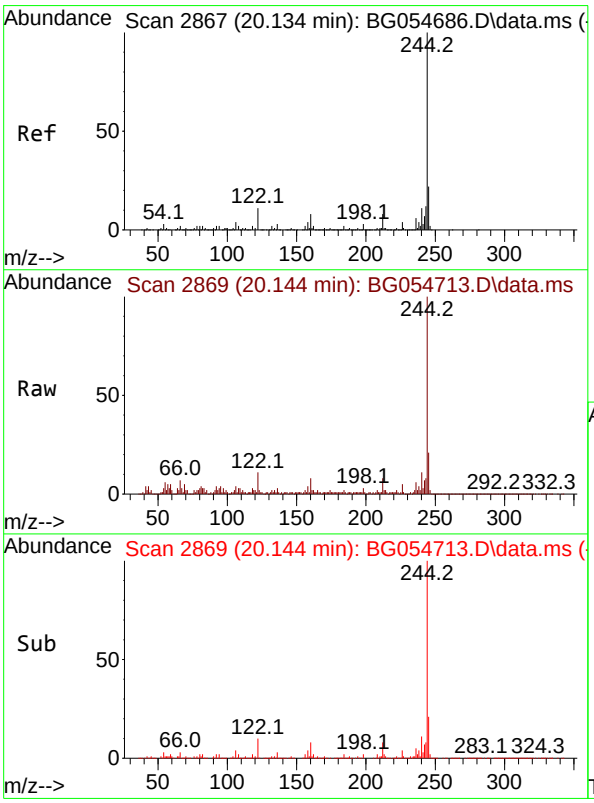
#78
Pyrene
Concen: 12.787 ng
RT: 19.956 min Scan# 2
Delta R.T. 0.016 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:202 Resp: 244146

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	19.7	14.6	21.8

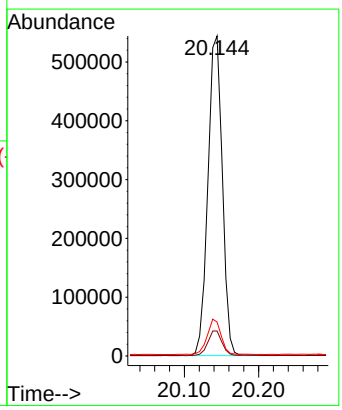


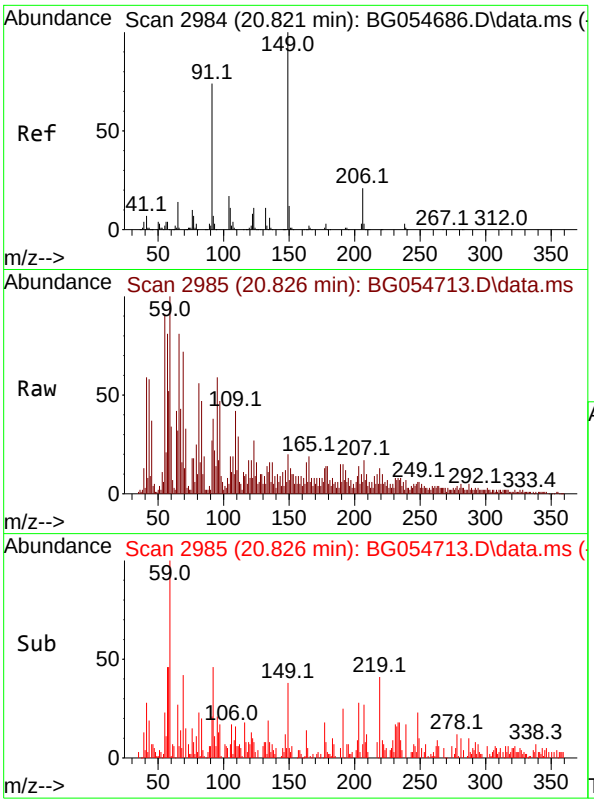


#79
Terphenyl-d14
Concen: 53.857 ng
RT: 20.144 min Scan# 2869
Delta R.T. 0.010 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:244 Resp: 733886

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.6	9.0	13.6



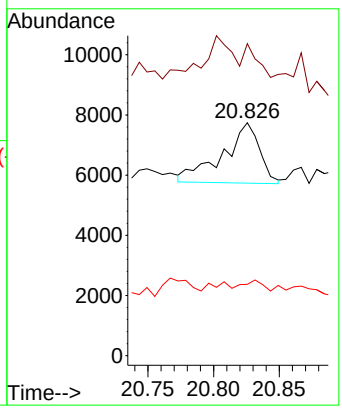


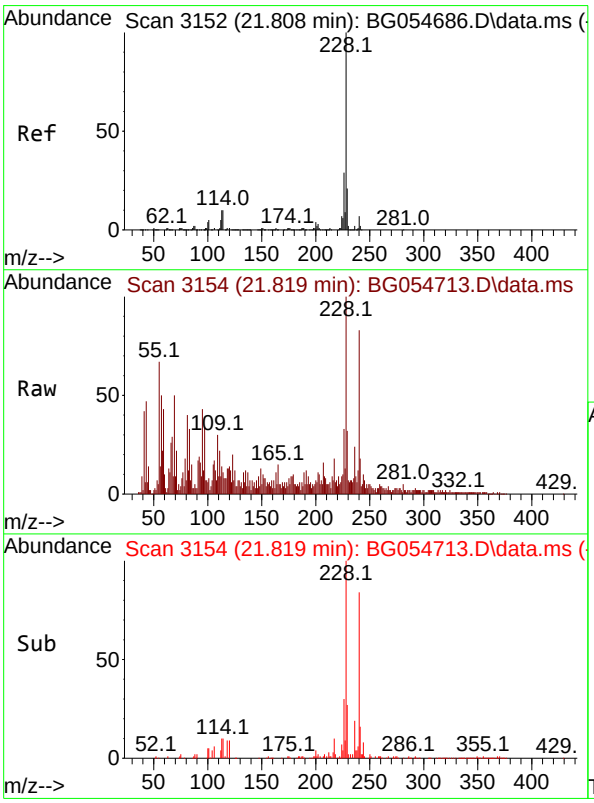
#80
Butylbenzylphthalate
Concen: 5.706 ng
RT: 20.826 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:149 Resp: 3896

Ion	Ratio	Lower	Upper
149	100		
91	133.9	59.5	89.3#
206	30.6	16.6	25.0#

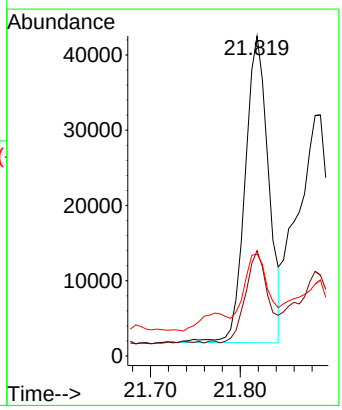


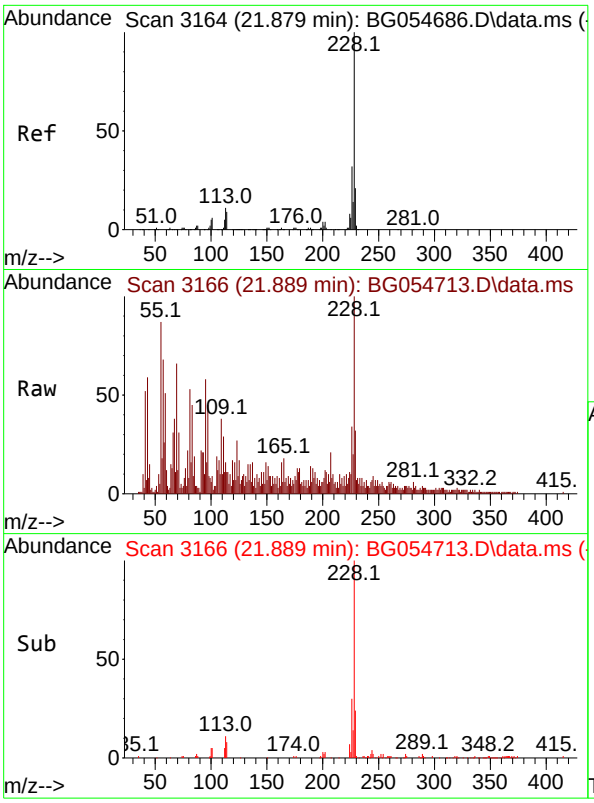


#81
Benzo(a)anthracene
Concen: 4.016 ng
RT: 21.819 min Scan# 3154
Delta R.T. 0.010 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:228 Resp: 73834

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.2
229	31.9	16.5	24.7#



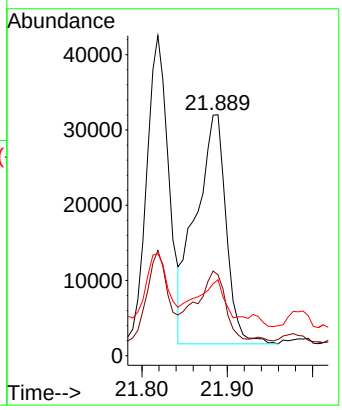


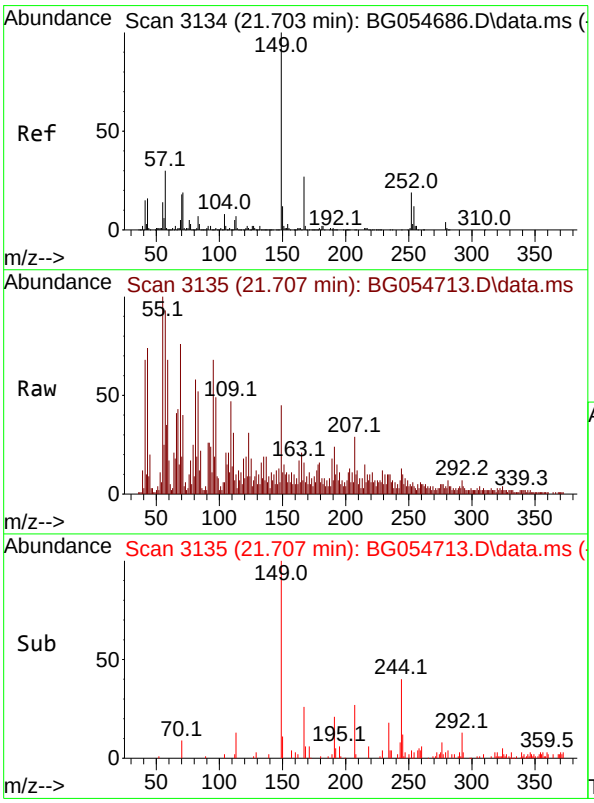
#83
Chrysene
Concen: 4.334 ng
RT: 21.889 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:228 Resp: 75828

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.5	38.3
229	31.6	16.8	25.2#

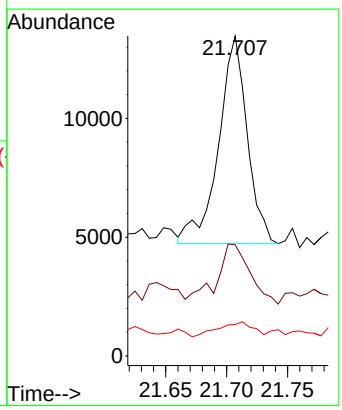


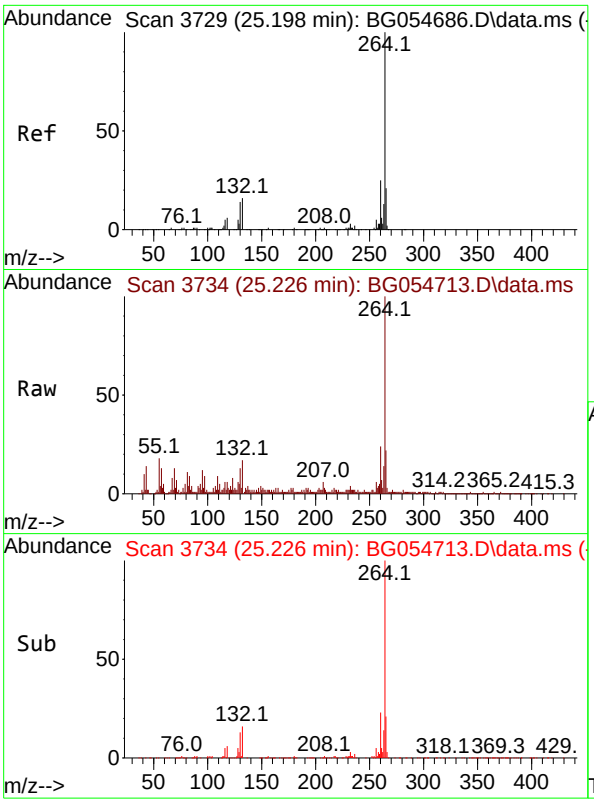


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.575 ng
RT: 21.707 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:149 Resp: 14352

Ion	Ratio	Lower	Upper
149	100		
167	34.7	21.4	32.0#
279	9.8	3.1	4.7#



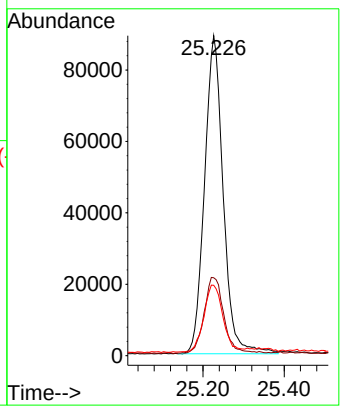


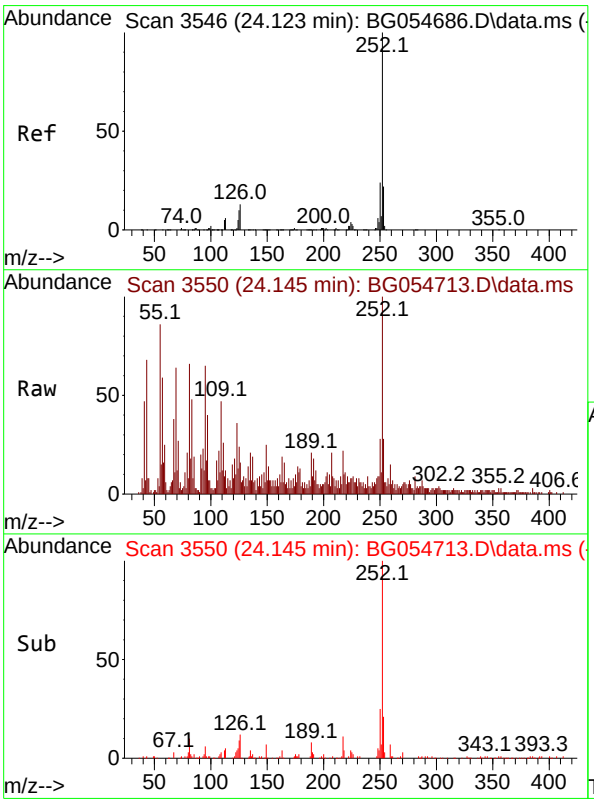
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.226 min Scan# 3
Delta R.T. 0.028 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:264 Resp: 283722

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	22.0	16.9	25.3

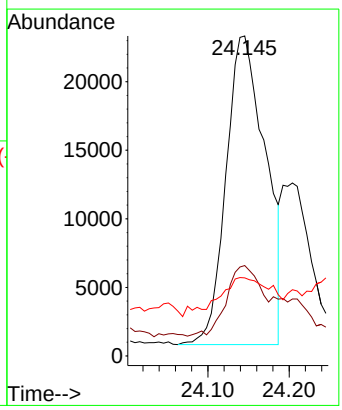


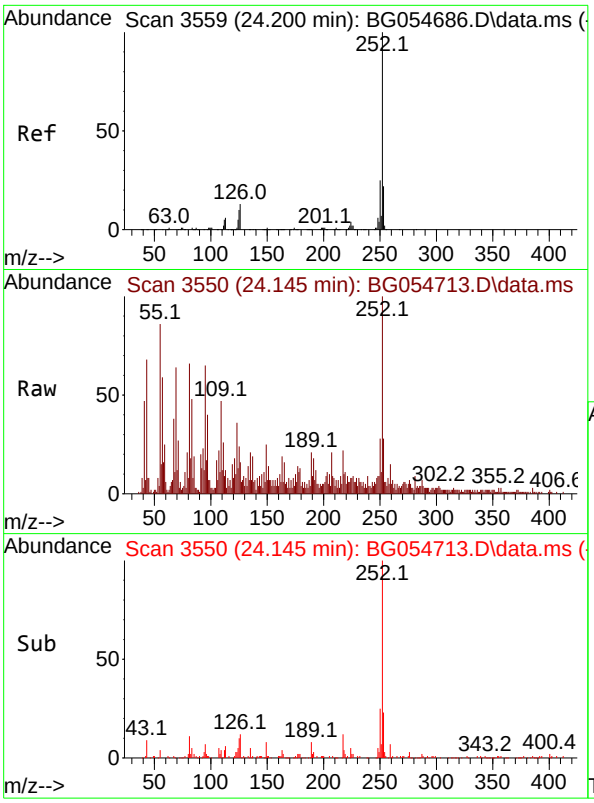


#88
Benzo(b)fluoranthene
Concen: 4.309 ng
RT: 24.145 min Scan# 3550
Delta R.T. 0.022 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:252 Resp: 75910

Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.0	27.0#
125	24.4	8.1	12.1#



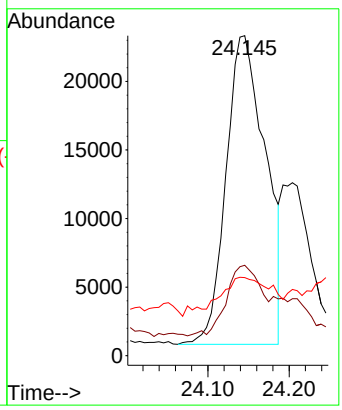


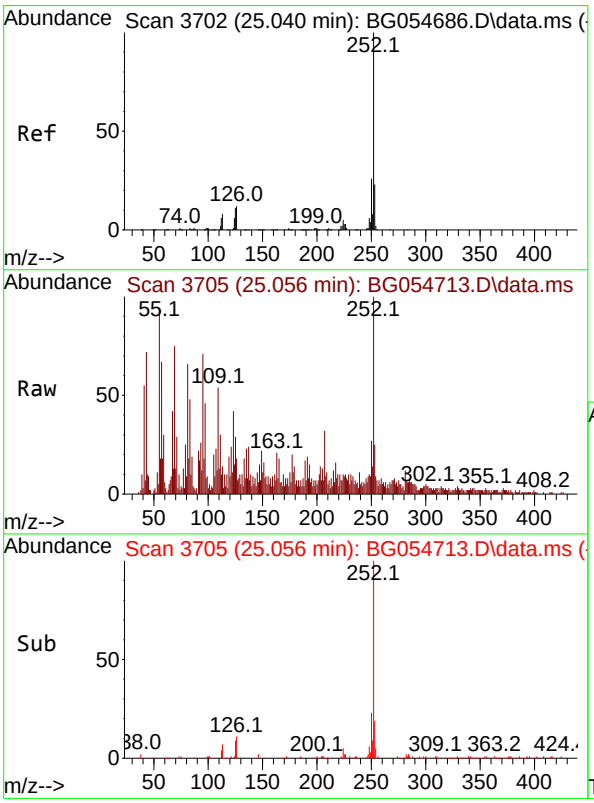
#89
Benzo(k)fluoranthene
Concen: 4.175 ng
RT: 24.145 min Scan# 3
Delta R.T. -0.054 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:252 Resp: 75910

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.8	26.8#
125	24.4	8.2	12.4#

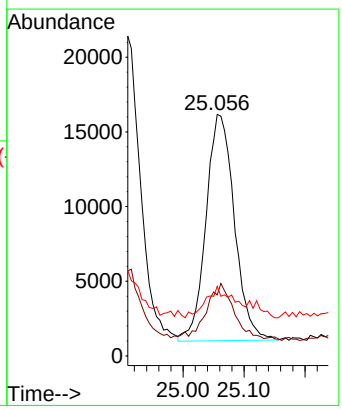


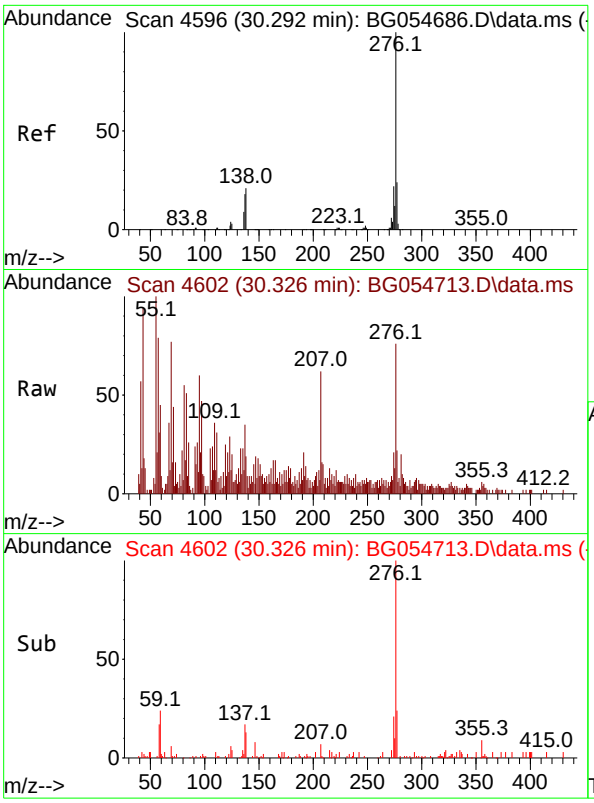


#90
Benzo(a)pyrene
Concen: 3.244 ng
RT: 25.056 min Scan# 3705
Delta R.T. 0.016 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Tgt Ion:252 Resp: 49045

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.3	27.5
125	28.8	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.047 ng
RT: 30.326 min Scan# 4
Delta R.T. 0.034 min
Lab File: BG054713.D
Acq: 23 Aug 2022 19:03

Instrument :
BNA_G
ClientSampleId :
LINDEN-MR-B1B-SP

Tgt Ion:276 Resp: 34814

Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.4	29.0
138	25.0	16.6	25.0#