Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054180.D
Acq On : 30 Jun 2022 22:04
Operator : CG/JU
Sample : N3539-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Quant Time: Jul 01 04:05:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	25448	20.000	ng		0.00
21) Naphthalene-d8	10.878	136	101932	20.000	ng	#	0.00
39) Acenaphthene-d10	14.697	164	70927	20.000	ng		0.00
64) Phenanthrene-d10	17.441	188	159204	20.000	ng	#	0.00
76) Chrysene-d12	21.719	240	168971	20.000	ng		0.00
86) Perylene-d12	24.985	264	158762	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	128933	96.868	ng		0.00
7) Phenol-d6	7.230	99	171724	95.105	ng		0.00
23) Nitrobenzene-d5	9.227	82	116122	64.019	ng		0.00
42) 2,4,6-Tribromophenol	16.184	330	112944	99.111	ng		0.00
45) 2-Fluorobiphenyl	13.317	172	326507	66.940	ng		0.00
79) Terphenyl-d14	20.044	244	569968	67.938	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.227	70	16071	13.248	ng	#	82
38) 1-Methylnaphthalene	12.747	142	11204	3.022	ng		93
49) Acenaphthylene	14.421	152	34745	5.588	ng		98
51) 2,6-Dinitrotoluene	14.691	165	11299	10.353	ng	#	16
52) Acenaphthene	14.756	154	20411	5.150	ng		95
55) Dibenzofuran	15.091	168	32460	5.084	ng	#	91
56) 4-Nitrophenol	15.091	139	11070	14.747	ng	#	1
58) Fluorene	15.737	166	72948	13.914	ng		95
67) 4-Bromophenyl-phenylether	16.184	248	6918	3.479	ng	#	1
71) Phenanthrene	17.482	178	745205	91.107	ng		96
72) Anthracene	17.570	178	216309	27.081	ng		99
73) Carbazole	17.841	167	61606	8.986	ng		97
75) Fluoranthene	19.498	202	1042707	97.110	ng		94
78) Pyrene	19.856	202	942413	92.344	ng		95
81) Benzo(a)anthracene	21.701	228	660180	60.342	ng		95
83) Chrysene	21.766	228	577100	55.338	ng		94
87) Indeno(1,2,3-cd)pyrene	28.728	276	244865	20.438	ng	#	93
88) Benzo(b)fluoranthene	23.957	252	723883	74.990	ng		97
89) Benzo(k)fluoranthene	23.957	252	723883	75.740	ng		98
90) Benzo(a)pyrene	24.838	252	577759	70.937	ng		97
91) Dibenzo(a,h)anthracene	28.763	278	60372	6.094	ng	#	88
92) Benzo(g,h,i)perylene	29.903	276	198972	20.351	ng		94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054180.D
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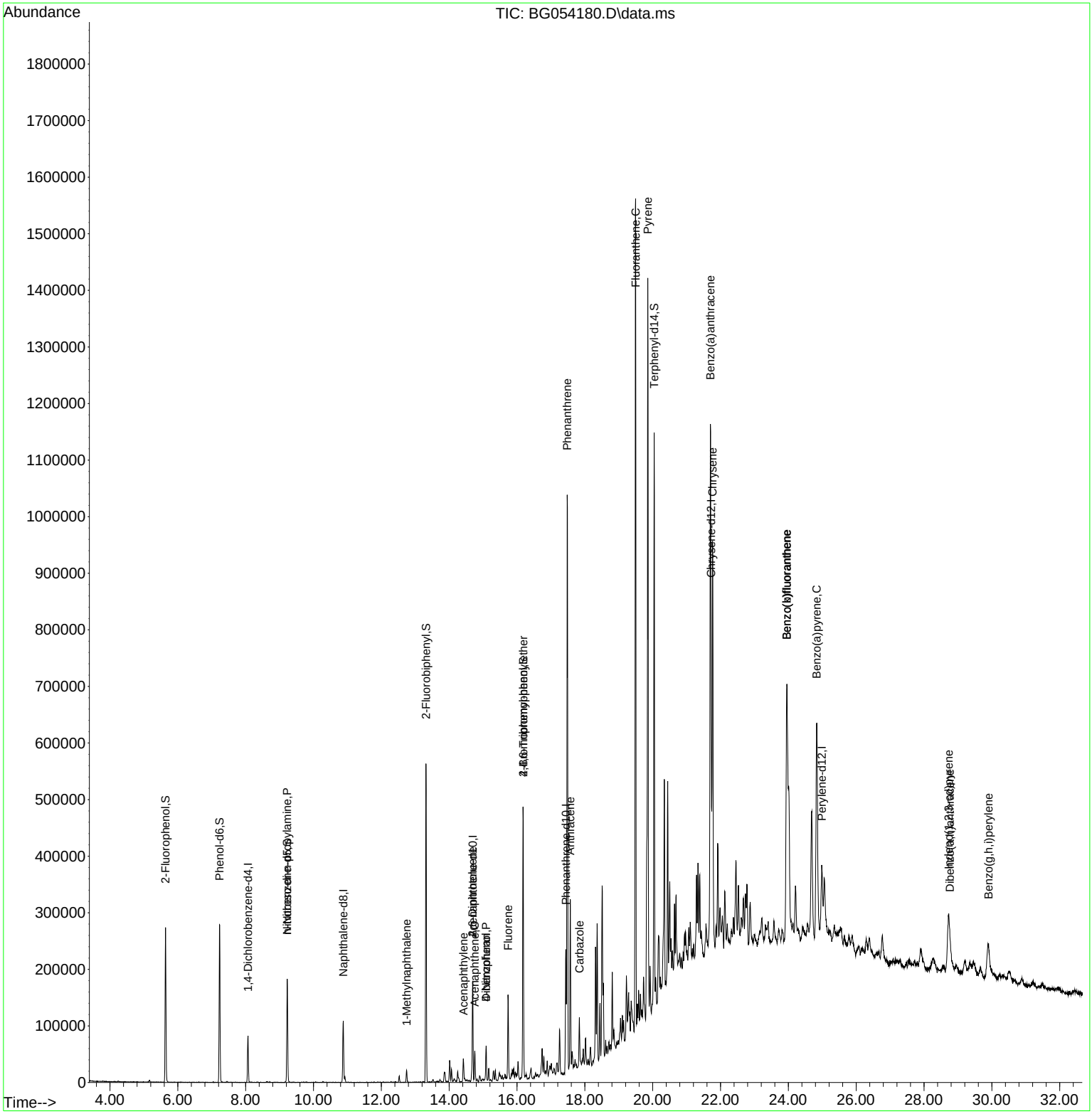
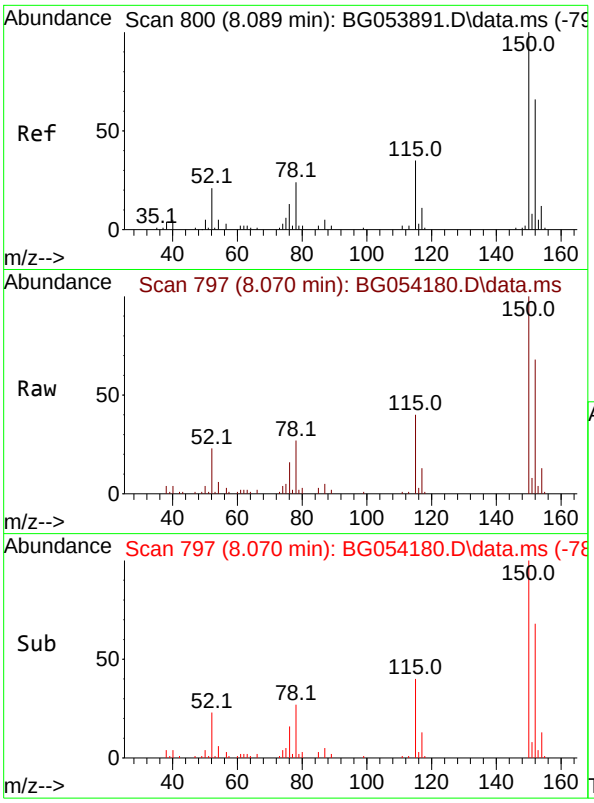
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Quant Time: Jul 01 04:05:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration



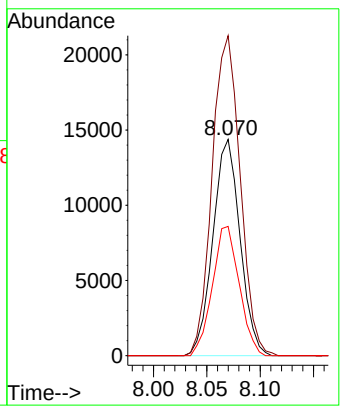


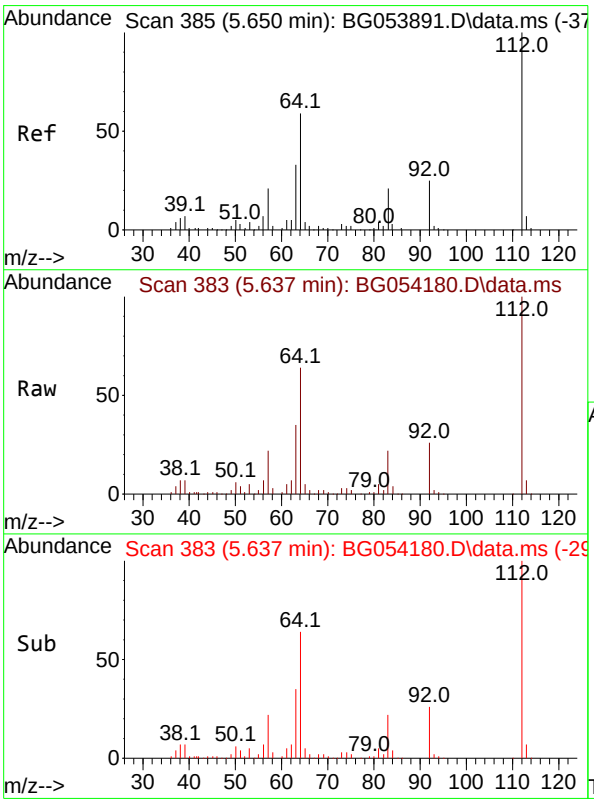
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:152 Resp: 25448

Ion	Ratio	Lower	Upper
152	100		
150	148.0	131.6	197.4
115	59.8	50.9	76.3

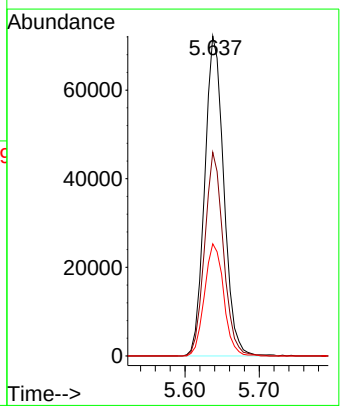


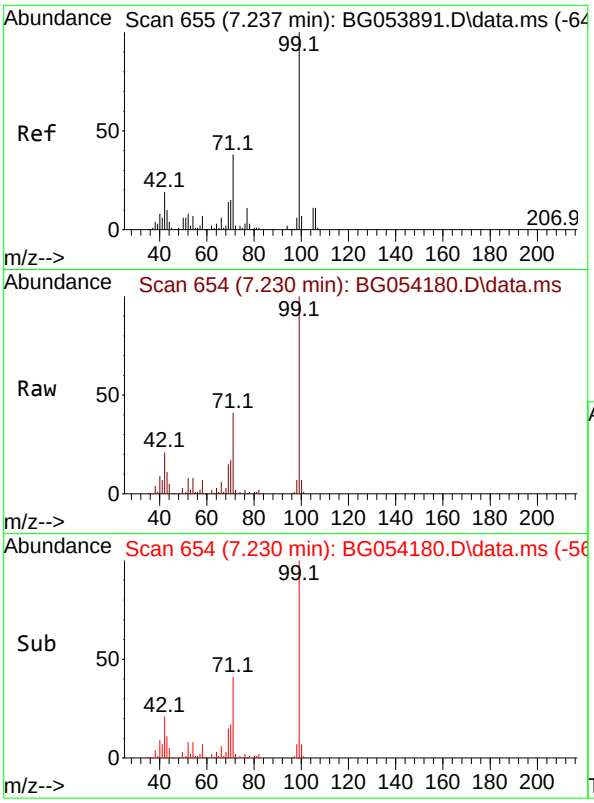


#5
2-Fluorophenol
Concen: 96.868 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:112 Resp: 128933

Ion	Ratio	Lower	Upper
112	100		
64	63.6	55.1	82.7
63	35.0	30.4	45.6



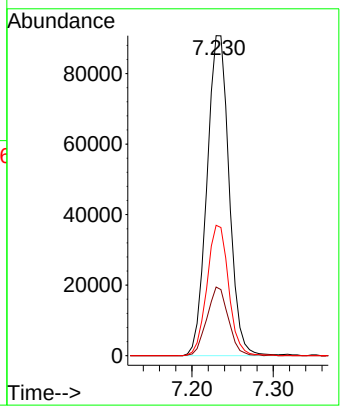


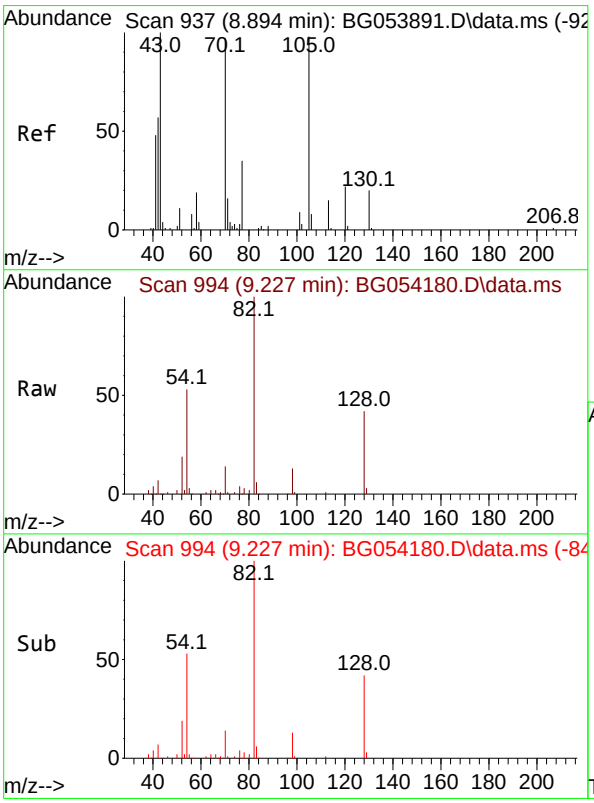
#7
Phenol-d6
Concen: 95.105 ng
RT: 7.230 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion: 99 Resp: 171724

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.0	25.6
71	40.8	33.8	50.8

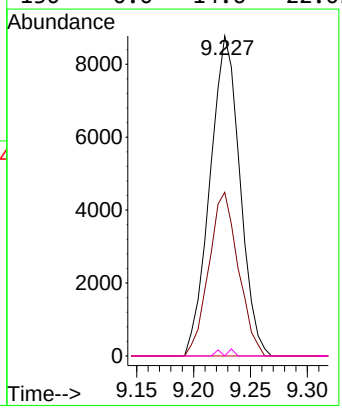


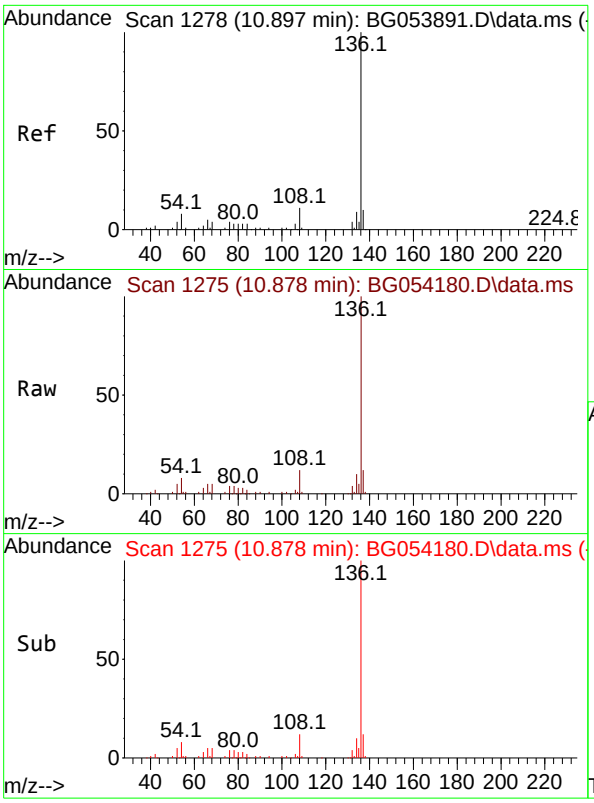


#19
n-Nitroso-di-n-propylamine
Concen: 13.248 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion: 70 Resp: 16071

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



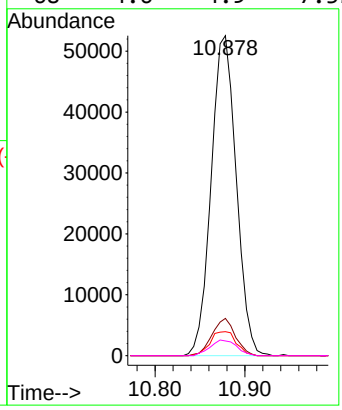


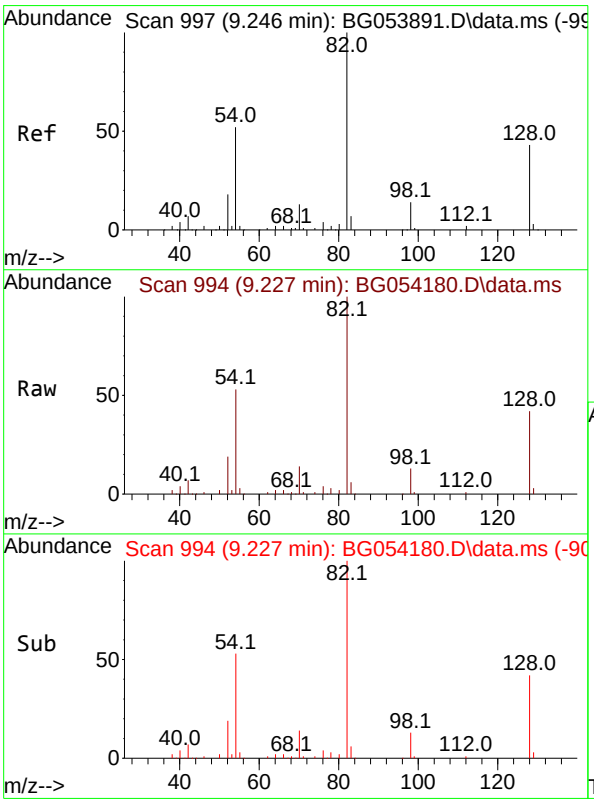
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:136 Resp: 101932

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	7.5	7.4	11.2
68	4.6	4.9	7.3#

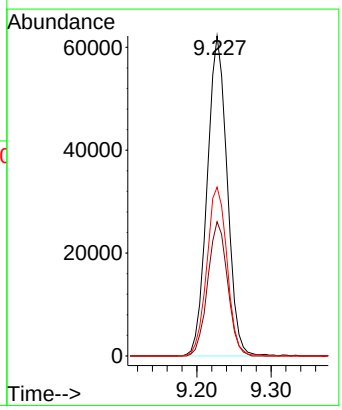


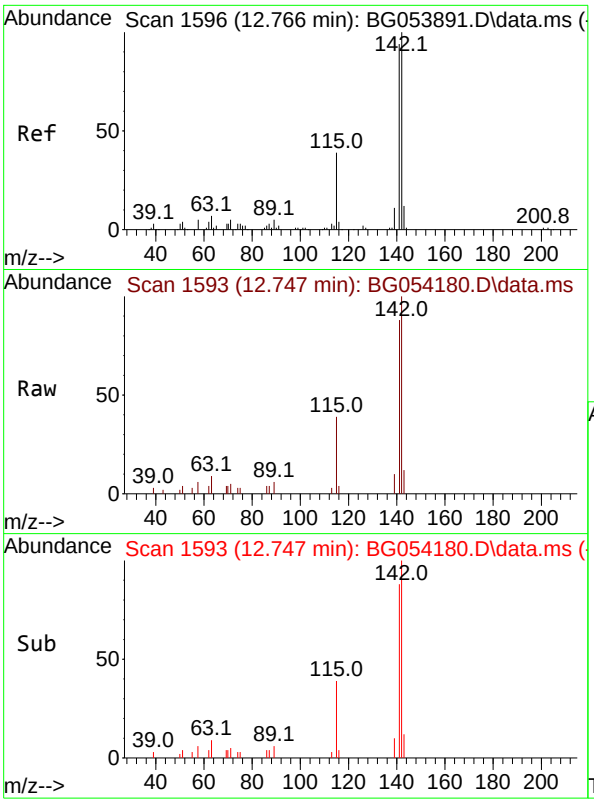


#23
Nitrobenzene-d5
Concen: 64.019 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion: 82 Resp: 116122

Ion	Ratio	Lower	Upper
82	100		
128	41.9	27.9	41.9#
54	52.8	41.2	61.8



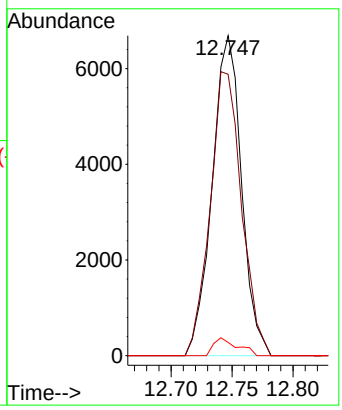


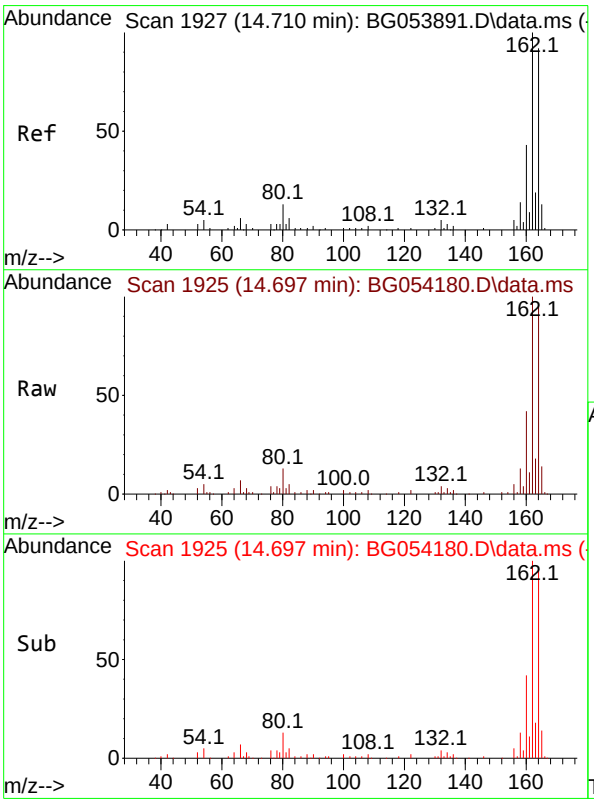
#38
1-Methylnaphthalene
Concen: 3.022 ng
RT: 12.747 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:142 Resp: 11204

Ion	Ratio	Lower	Upper
142	100		
141	88.0	76.4	114.6
116	4.1	3.3	4.9

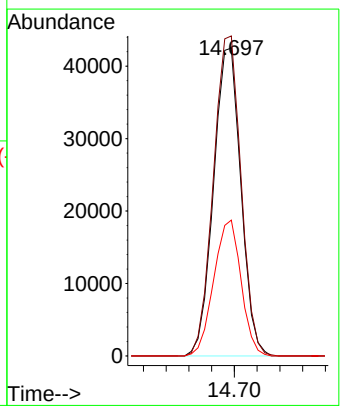


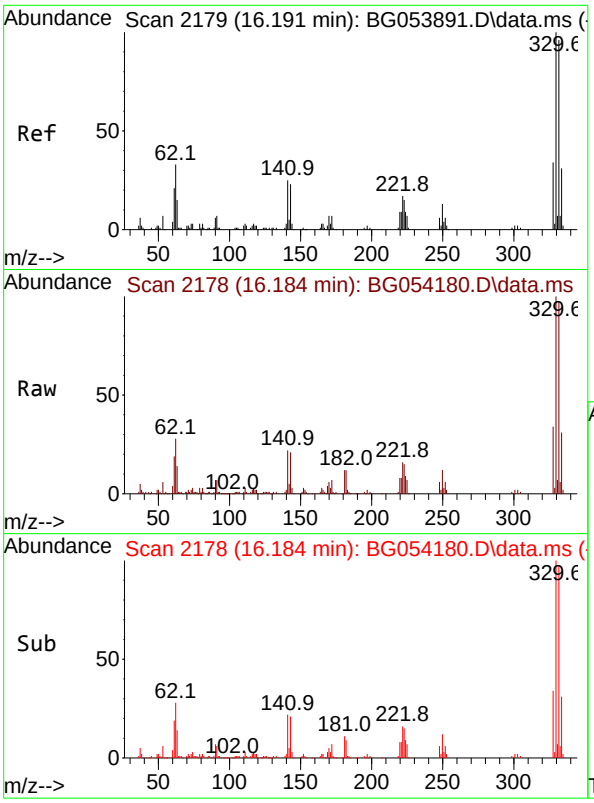


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.697 min Scan# 1925
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:164 Resp: 70927

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.3	123.5
160	44.1	34.2	51.2



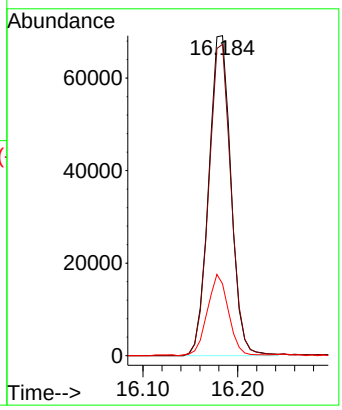


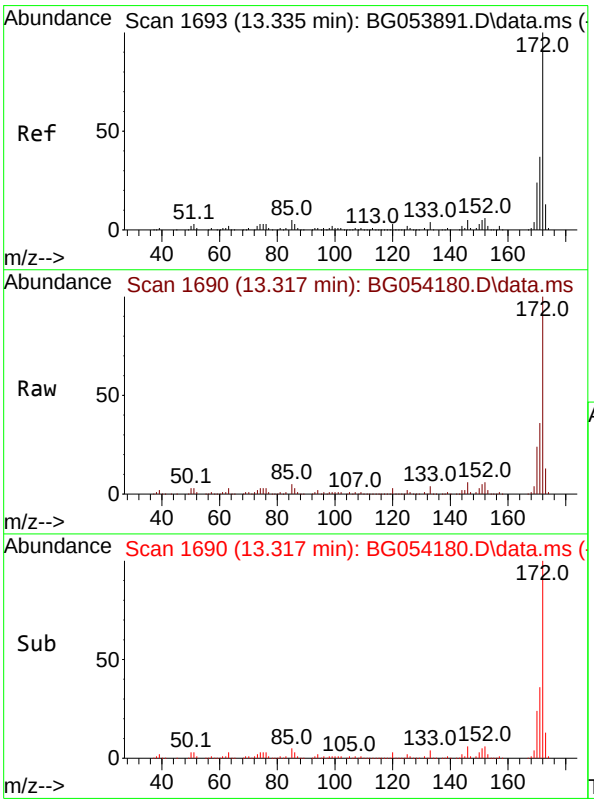
#42
2,4,6-Tribromophenol
Concen: 99.111 ng
RT: 16.184 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:330 Resp: 112944

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	24.2	27.1	40.7#

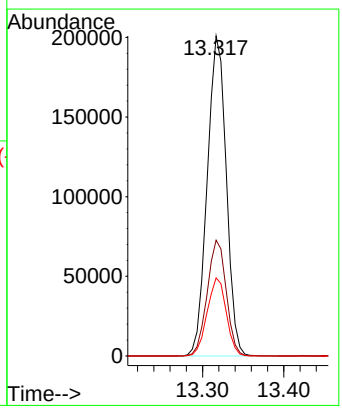


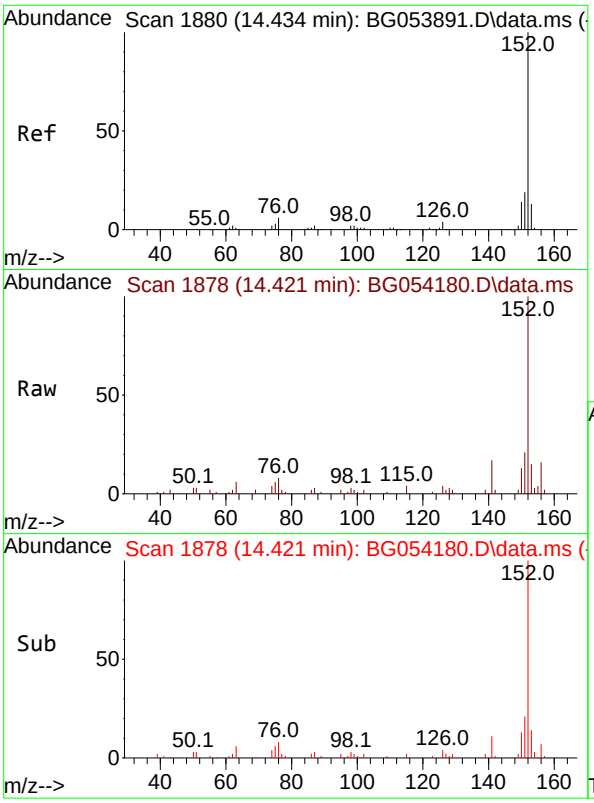


#45
2-Fluorobiphenyl
Concen: 66.940 ng
RT: 13.317 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:172 Resp: 326507

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.4	18.9	28.3



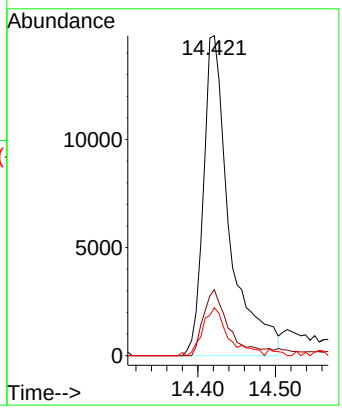


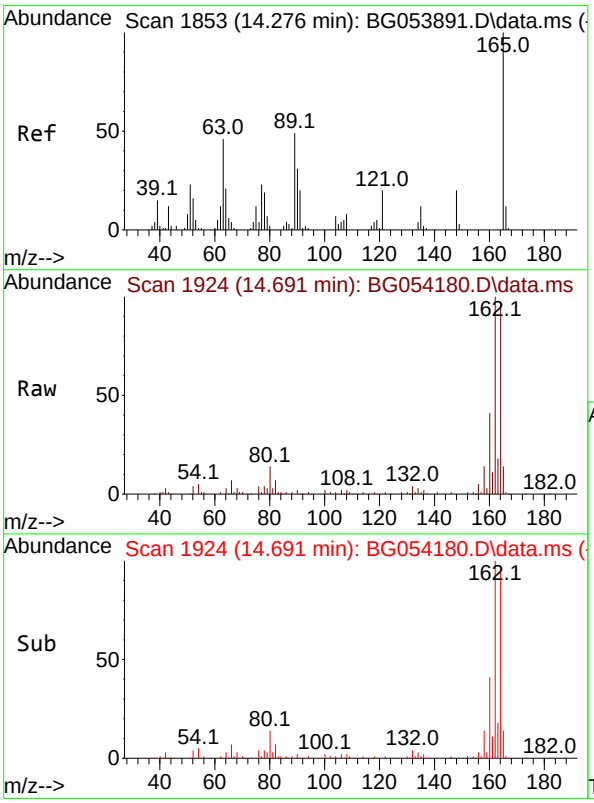
#49
Acenaphthylene
Concen: 5.588 ng
RT: 14.421 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:152 Resp: 34745

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	15.0	10.8	16.2

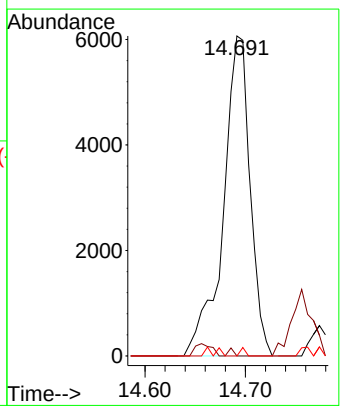


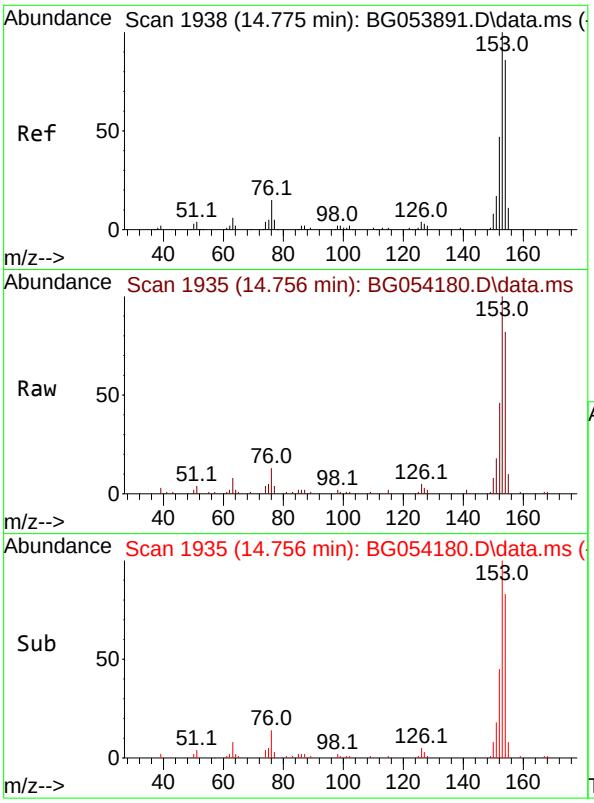


#51
2,6-Dinitrotoluene
Concen: 10.353 ng
RT: 14.691 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:165 Resp: 11299

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



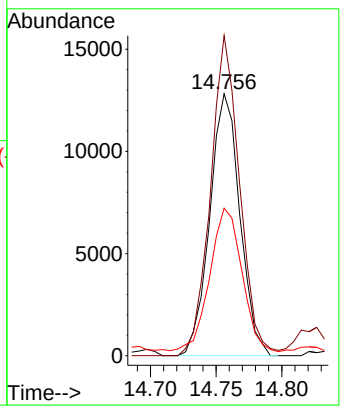


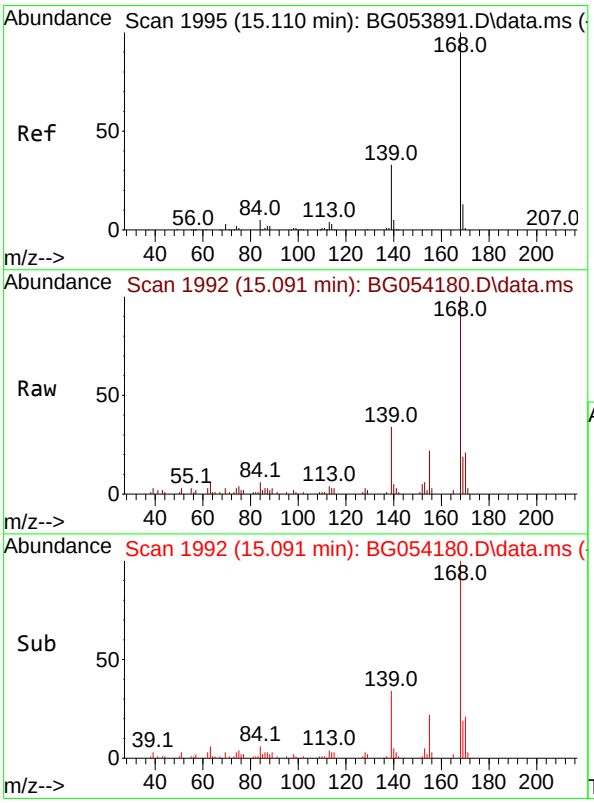
#52
Acenaphthene
Concen: 5.150 ng
RT: 14.756 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:154 Resp: 20411

Ion	Ratio	Lower	Upper
154	100		
153	122.2	92.7	139.1
152	56.3	42.6	64.0

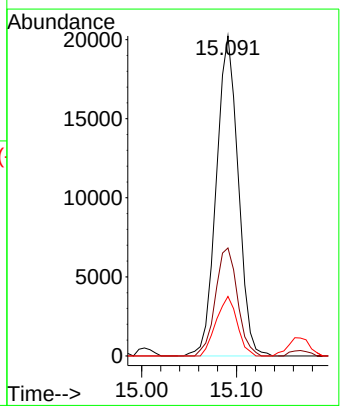


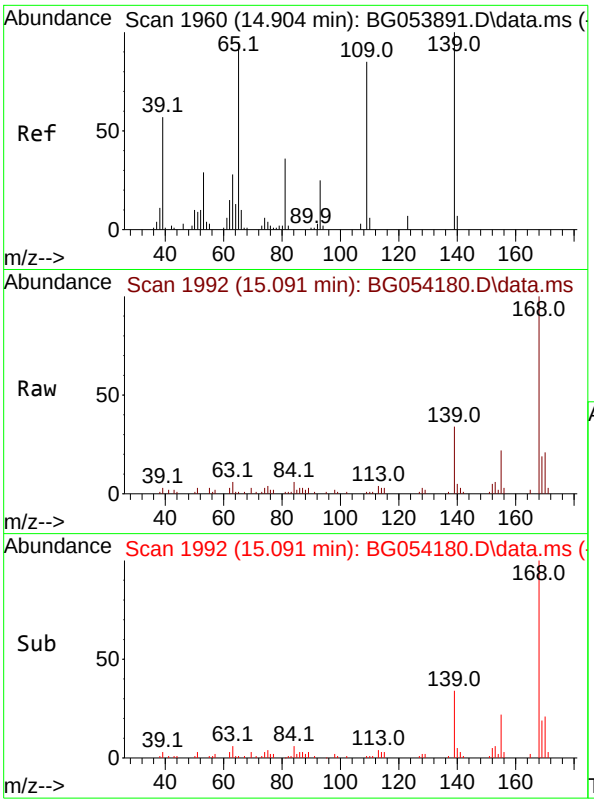


#55
Dibenzofuran
Concen: 5.084 ng
RT: 15.091 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:168 Resp: 32460

Ion	Ratio	Lower	Upper
168	100		
139	33.7	30.5	45.7
169	18.6	10.3	15.5#



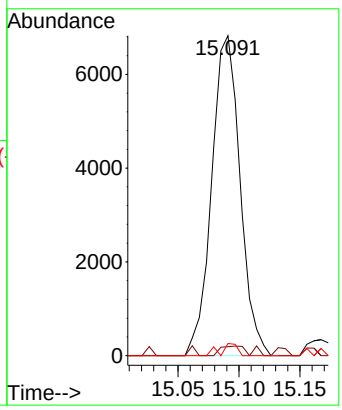


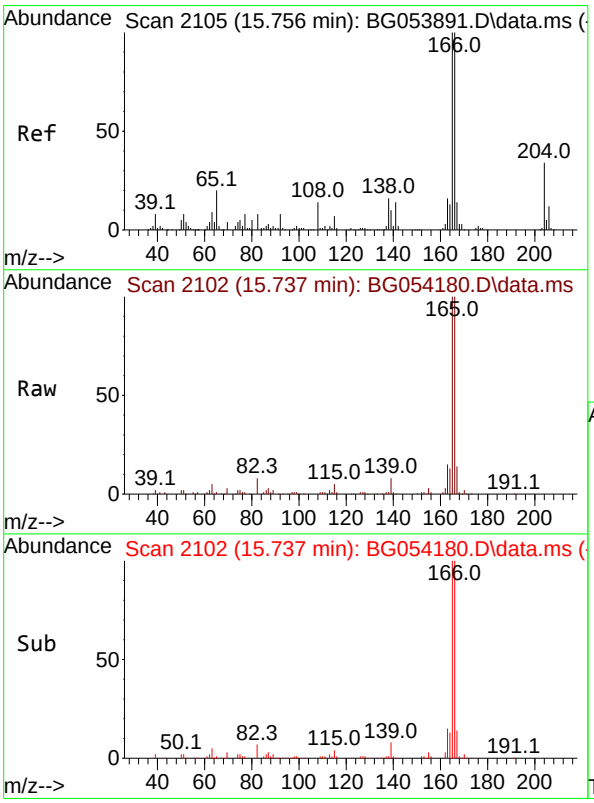
#56
4-Nitrophenol
Concen: 14.747 ng
RT: 15.091 min Scan# 1
Delta R.T. 0.193 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:139 Resp: 11070

Ion	Ratio	Lower	Upper
139	100		
109	2.8	88.5	128.5#
65	3.8	93.9	133.9#

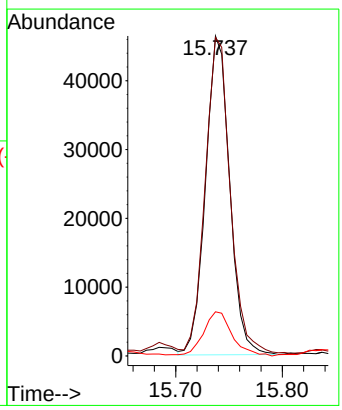


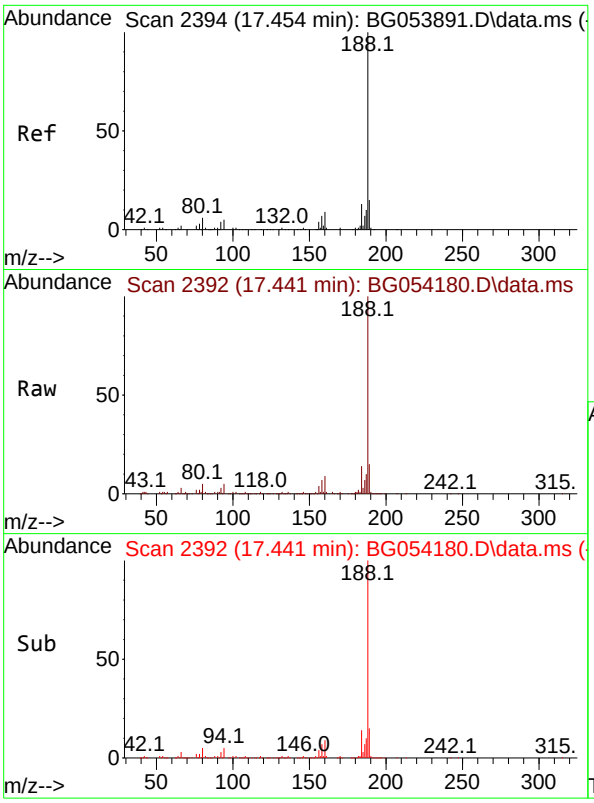


#58
Fluorene
Concen: 13.914 ng
RT: 15.737 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:166 Resp: 72948

Ion	Ratio	Lower	Upper
166	100		
165	99.5	75.0	112.6
167	13.8	10.8	16.2



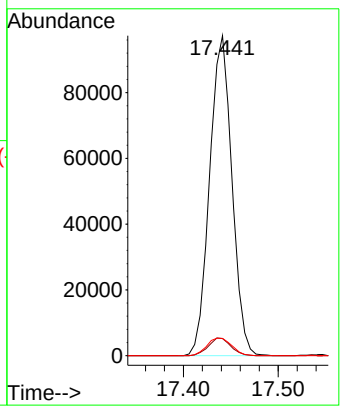


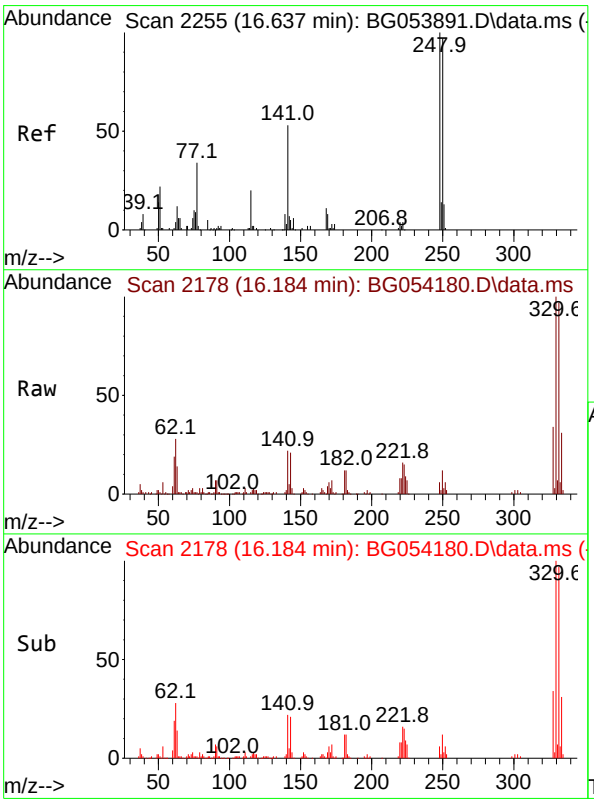
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:188 Resp: 159204

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.4	8.0#
80	5.4	6.8	10.2#

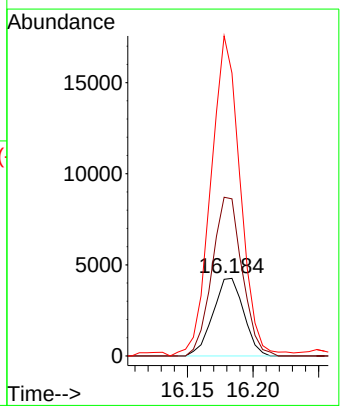


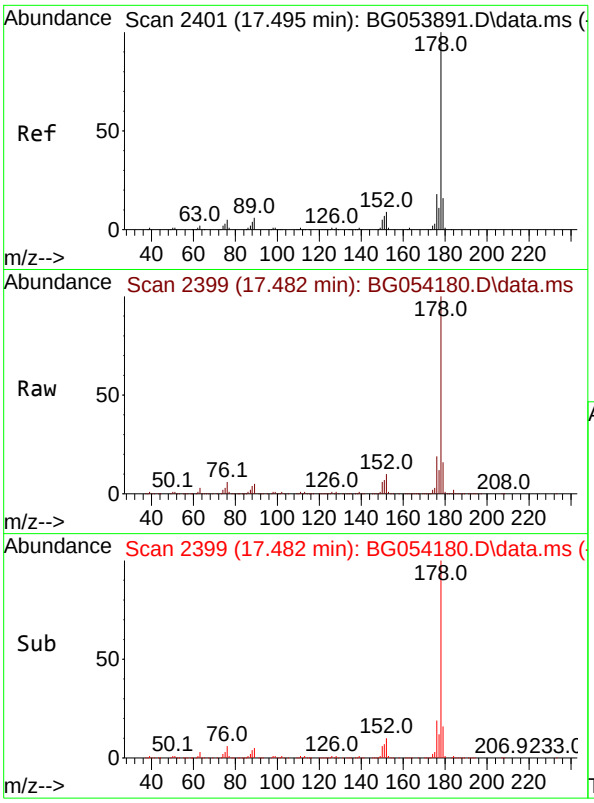


#67
4-Bromophenyl-phenylether
Concen: 3.479 ng
RT: 16.184 min Scan# 2178
Delta R.T. -0.441 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:248 Resp: 6918

Ion	Ratio	Lower	Upper
248	100		
250	192.0	75.2	112.8#
141	270.3	50.0	75.0#



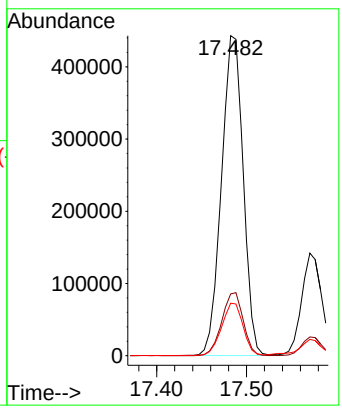


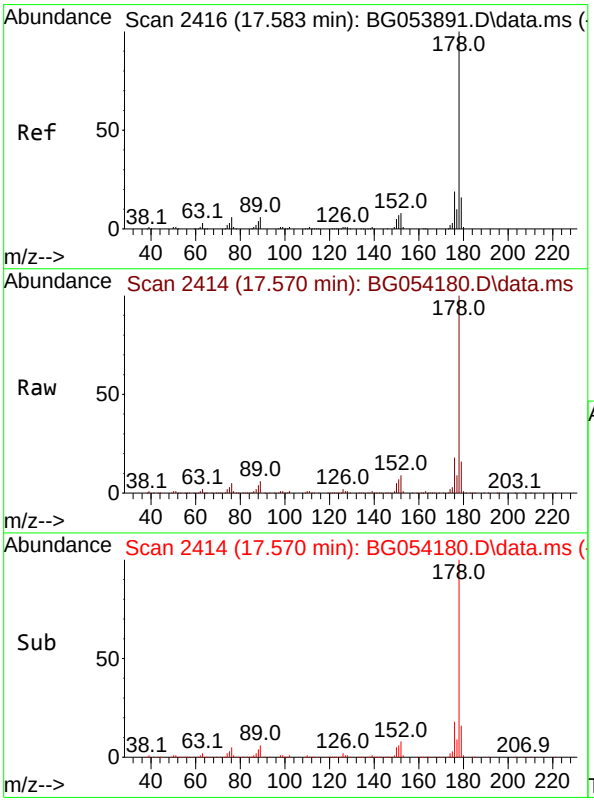
#71
Phenanthrene
Concen: 91.107 ng
RT: 17.482 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:178 Resp: 745205

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	16.4	12.1	18.1

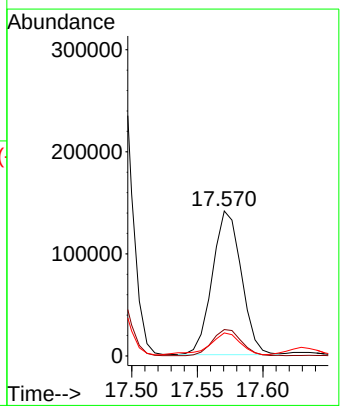


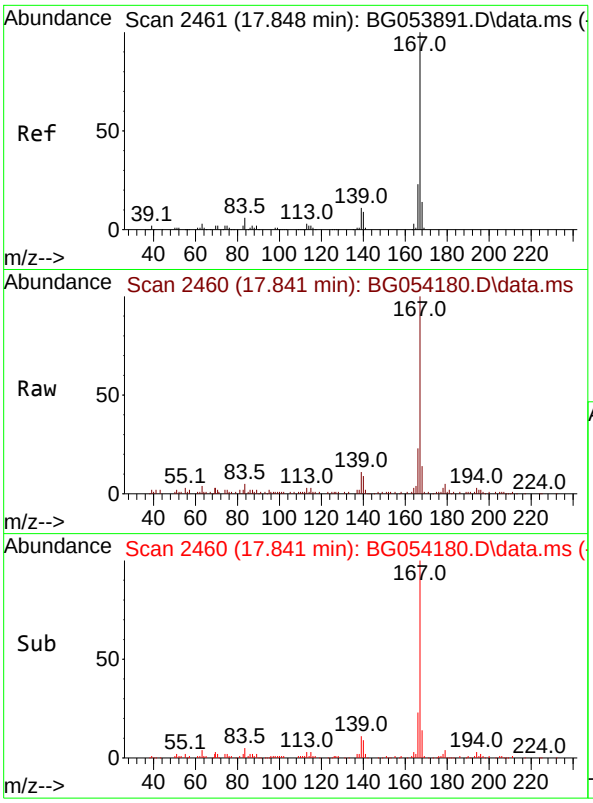


#72
Anthracene
Concen: 27.081 ng
RT: 17.570 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:178 Resp: 216309

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.9	13.0	19.4



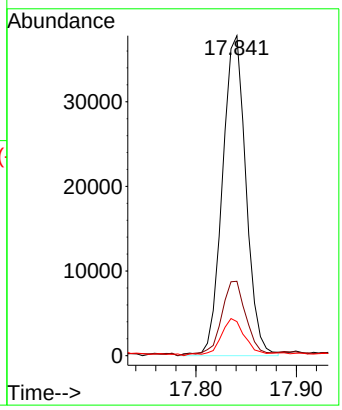


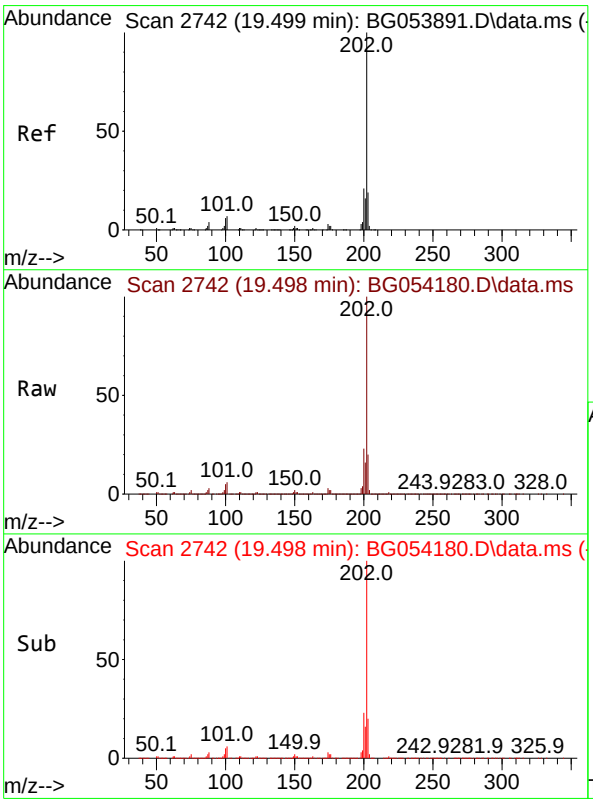
#73
Carbazole
Concen: 8.986 ng
RT: 17.841 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:167 Resp: 61606

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.2
139	10.6	10.1	15.1

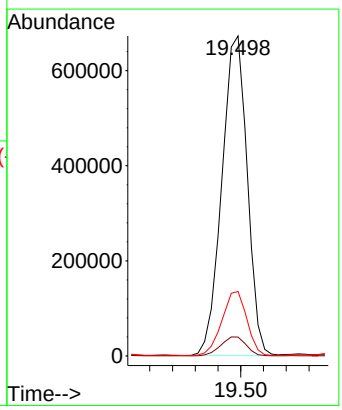


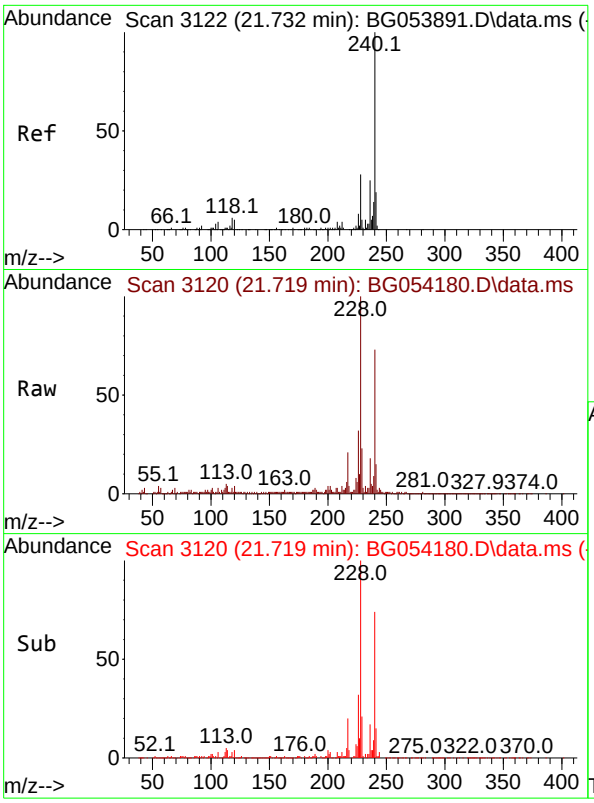


#75
Fluoranthene
Concen: 97.110 ng
RT: 19.498 min Scan# 2742
Delta R.T. 0.005 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:202 Resp: 1042707

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	26.9
203	20.2	0.0	37.2



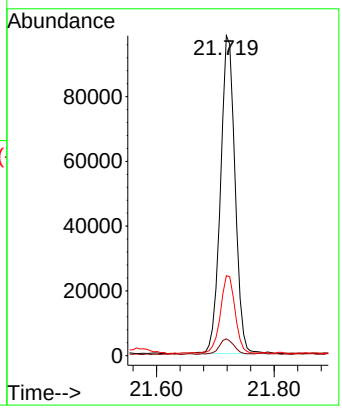


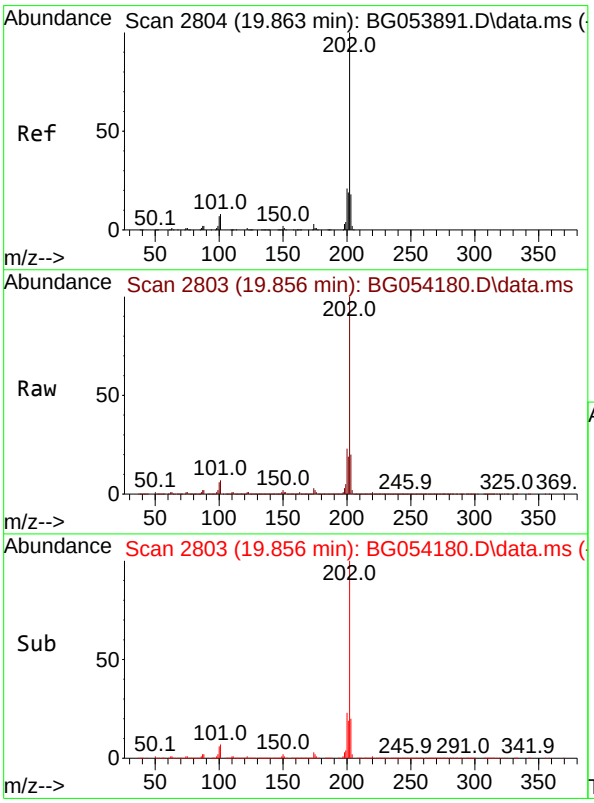
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:240 Resp: 168971

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	7.0
236	25.0	20.2	30.4

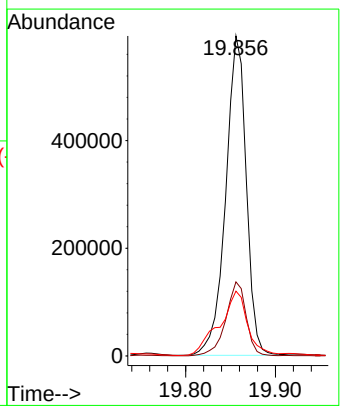


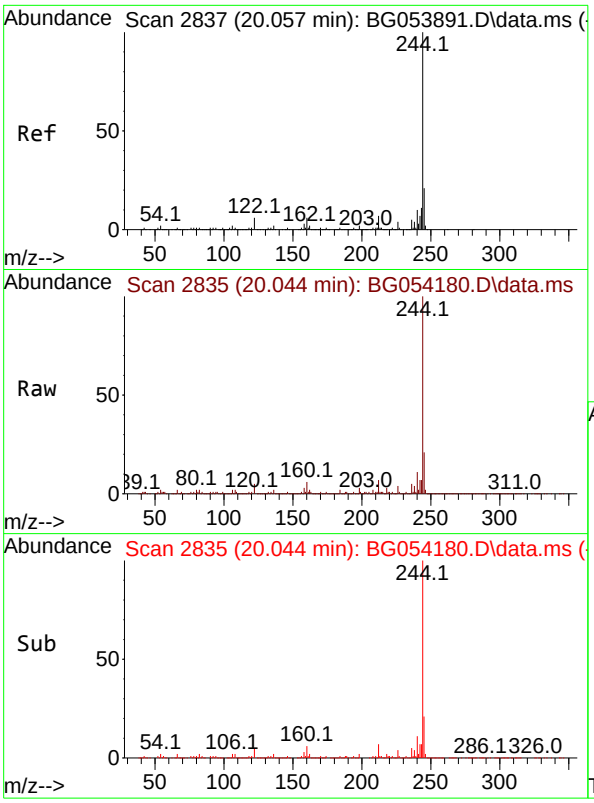


#78
Pyrene
Concen: 92.344 ng
RT: 19.856 min Scan# 2803
Delta R.T. 0.005 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:202 Resp: 942413

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	24.8
203	20.3	14.6	21.8



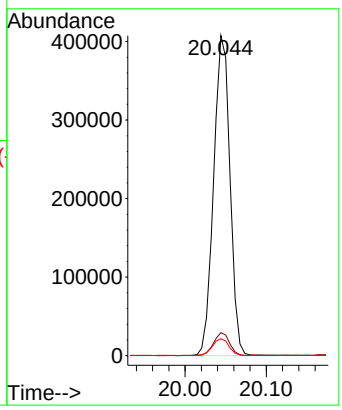


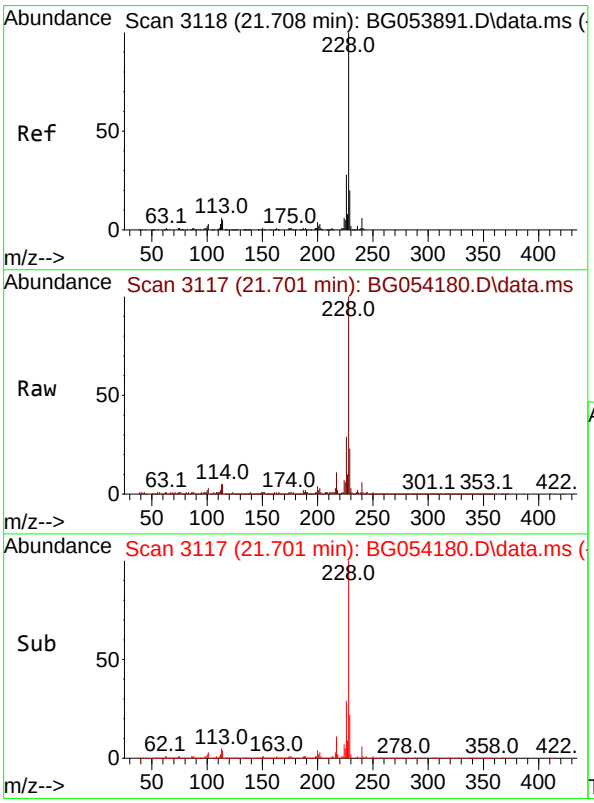
#79
Terphenyl-d14
Concen: 67.938 ng
RT: 20.044 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:244 Resp: 569968

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	5.3	5.0	7.4

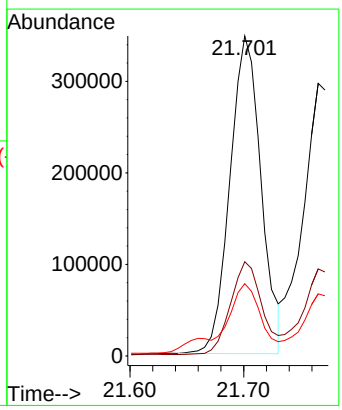


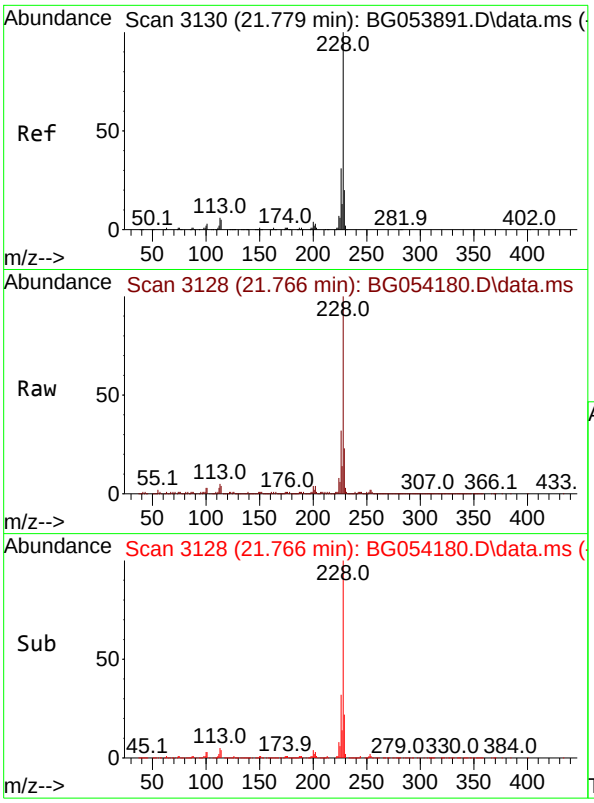


#81
Benzo(a)anthracene
Concen: 60.342 ng
RT: 21.701 min Scan# 3117
Delta R.T. 0.005 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:228 Resp: 660180

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.6	32.4
229	22.6	16.2	24.2



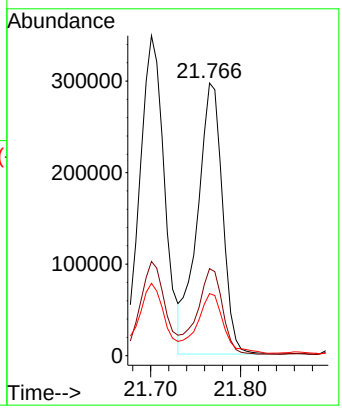


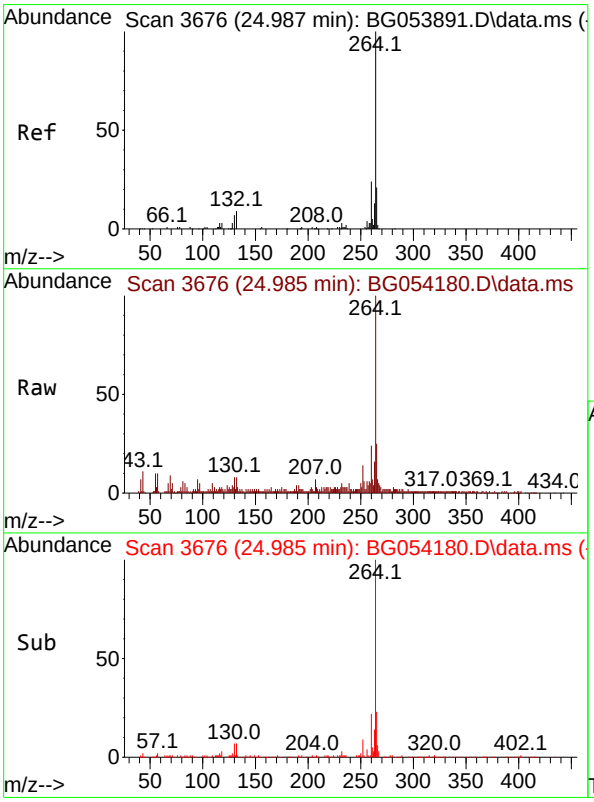
#83
Chrysene
Concen: 55.338 ng
RT: 21.766 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:228 Resp: 577100

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.2
229	22.8	15.5	23.3

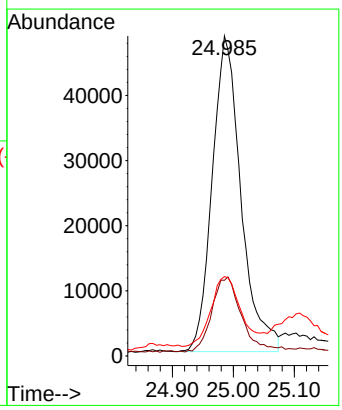


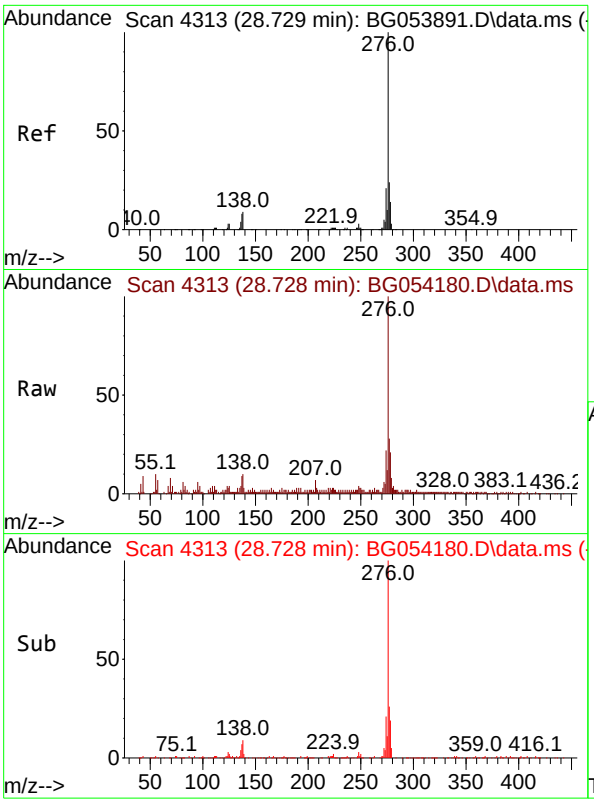


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.985 min Scan# 3676
Delta R.T. 0.023 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:264 Resp: 158762

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	24.8	17.4	26.2



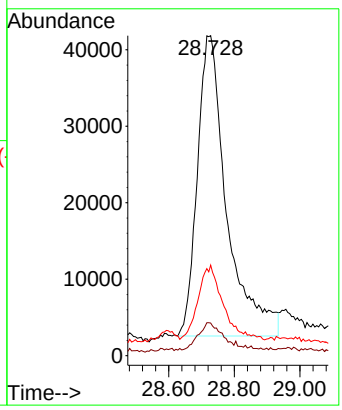


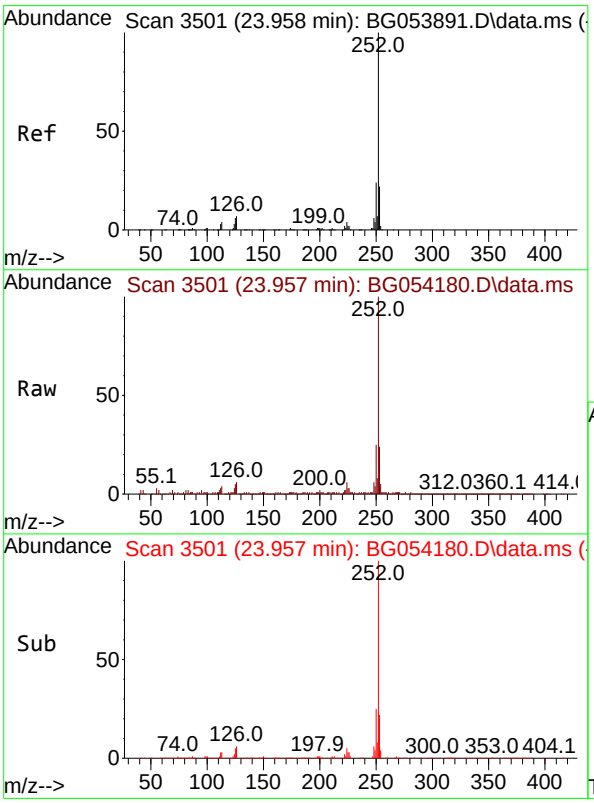
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.438 ng
RT: 28.728 min Scan# 4
Delta R.T. 0.041 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:276 Resp: 244865

Ion	Ratio	Lower	Upper
276	100		
138	7.6	5.0	7.4#
277	21.5	20.3	30.5

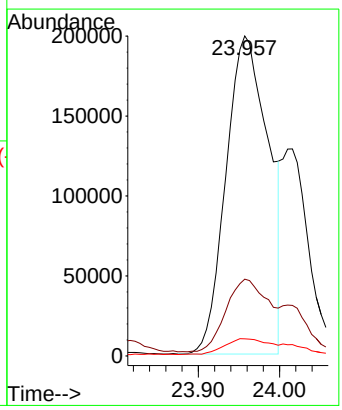


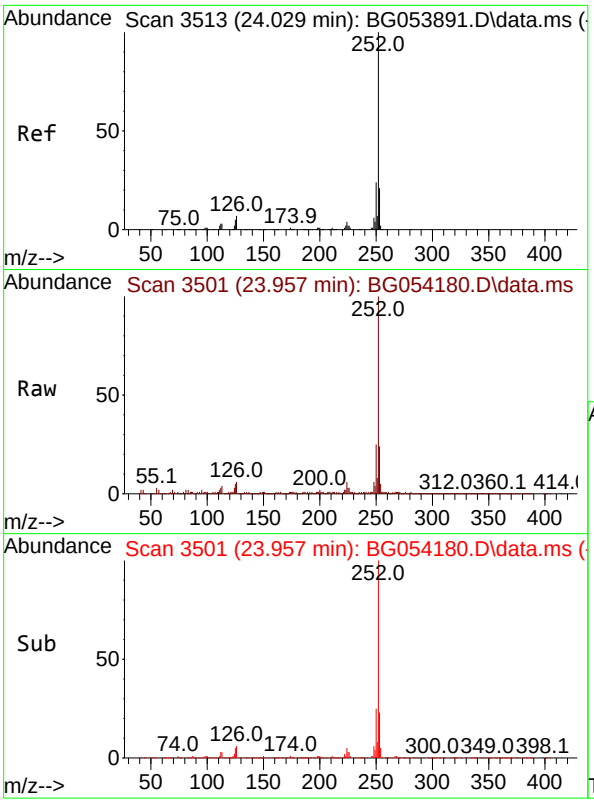


#88
Benzo(b)fluoranthene
Concen: 74.990 ng
RT: 23.957 min Scan# 3501
Delta R.T. 0.023 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:252 Resp: 723883

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	5.4	4.6	6.8



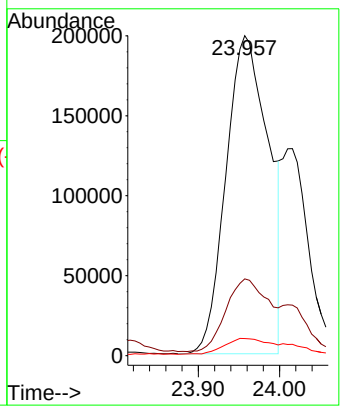


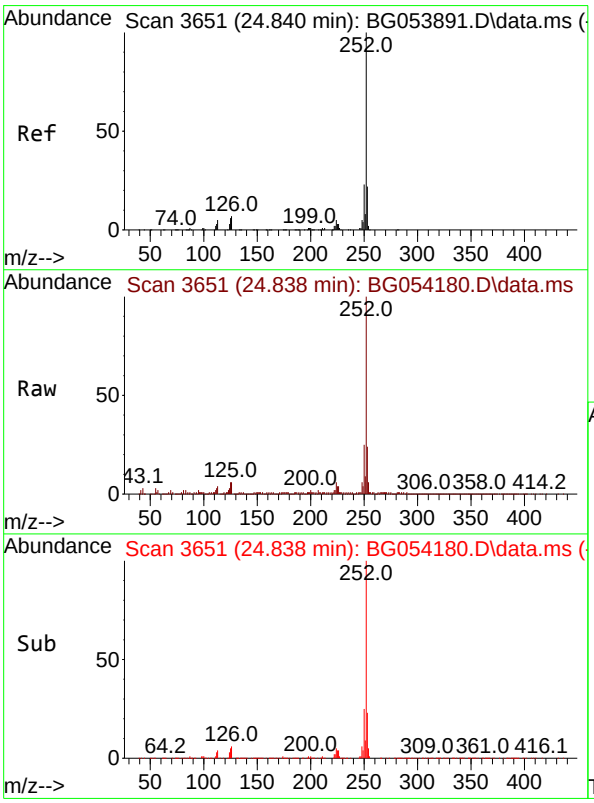
#89
Benzo(k)fluoranthene
Concen: 75.740 ng
RT: 23.957 min Scan# 3
Delta R.T. -0.048 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:252 Resp: 723883

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	5.4	4.8	7.2

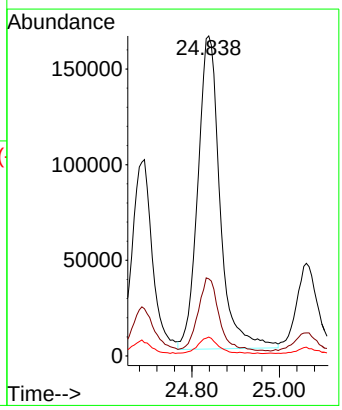


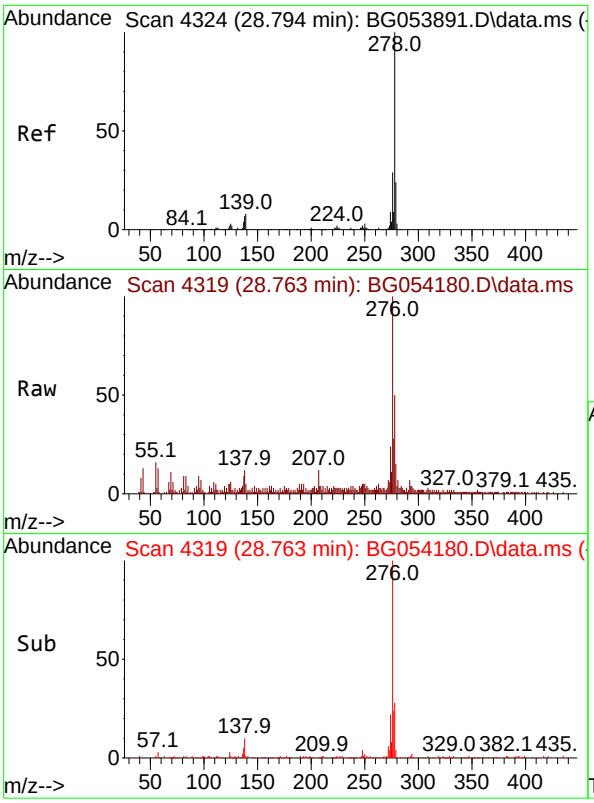


#90
Benzo(a)pyrene
Concen: 70.937 ng
RT: 24.838 min Scan# 3651
Delta R.T. 0.023 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:252 Resp: 577759

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	5.9	4.3	6.5



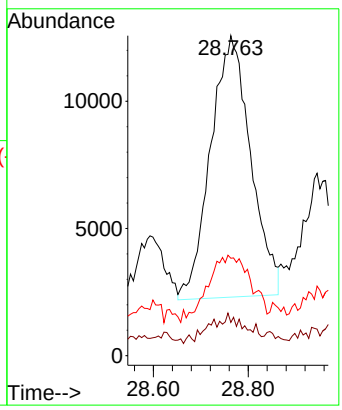


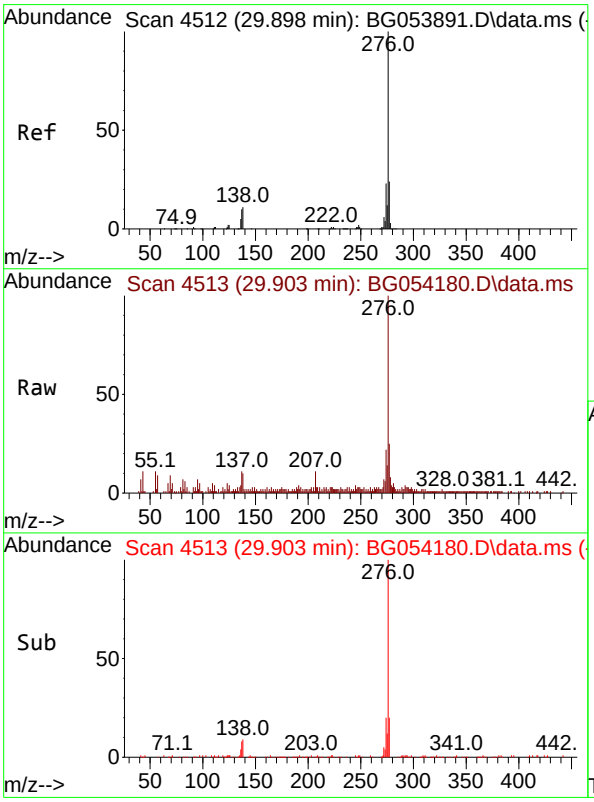
#91
Dibenzo(a,h)anthracene
Concen: 6.094 ng
RT: 28.763 min Scan# 4
Delta R.T. 0.017 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Instrument :
BNA_G
ClientSampleId :
CL-02-062922

Tgt Ion:278 Resp: 60372

Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.2	10.8
279	30.4	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 20.351 ng
RT: 29.903 min Scan# 4513
Delta R.T. 0.041 min
Lab File: BG054180.D
Acq: 30 Jun 2022 22:04

Tgt Ion:276 Resp: 198972

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.3	25.9
138	9.9	9.6	14.4