Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-189E

Quant Time: Jul 26 00:55:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	21789	20.000	ng	-0.01
21) Naphthalene-d8	10.797	136	85075	20.000	ng	#-0.01
39) Acenaphthene-d10	14.622	164	65679	20.000	ng	-0.01
64) Phenanthrene-d10	17.372	188	163986	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	177692	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	196626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	98363	94.254	ng	0.00
7) Phenol-d6	7.172	99	134727	94.216	ng	0.00
23) Nitrobenzene-d5	9.152	82	85142	54.500	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	120926	87.690	ng	-0.01
45) 2-Fluorobiphenyl	13.247	172	248705	53.418	ng	-0.01
79) Terphenyl-d14	19.975	244	494118	55.165	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	965	2.324	ng	# 1
9) Benzaldehyde	7.178	77	147	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.152	70	12343	12.926	ng	# 79
51) 2,6-Dinitrotoluene	14.622	165	9614	8.544	ng	# 16
52) Acenaphthene	14.687	154	19697	5.821	ng	98
55) Dibenzofuran	15.022	168	22448	3.729	ng	94
56) 4-Nitrophenol	15.022	139	7392	11.773	ng	# 1
57) 2,4-Dinitrotoluene	14.622	165	9614	5.960	ng	# 21
58) Fluorene	15.668	166	29275	5.914	ng	93
67) 4-Bromophenyl-phenylether	16.114	248	7309	3.174	ng	# 1
71) Phenanthrene	17.413	178	665976	81.551	ng	97
72) Anthracene	17.501	178	105051	13.109	ng	99
73) Carbazole	17.771	167	64487	9.774	ng	98
75) Fluoranthene	19.428	202	1007007	90.459	ng	93
78) Pyrene	19.787	202	862680	84.611	ng	95
81) Benzo(a)anthracene	21.620	228	598727	53.080	ng	96
83) Chrysene	21.684	228	586939	55.077	ng	94
87) Indeno(1,2,3-cd)pyrene	28.523	276	385879	25.797	ng	99
88) Benzo(b)fluoranthene	23.835	252	790659	67.995	ng	# 97
89) Benzo(k)fluoranthene	23.835	252	790659	68.321	ng	# 97
90) Benzo(a)pyrene	24.552	252	419752	42.269	ng	99
91) Dibenzo(a,h)anthracene	28.547	278	128524	10.449	ng	# 94
92) Benzo(g,h,i)perylene	29.669	276	391170	32.222	ng	# 92

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

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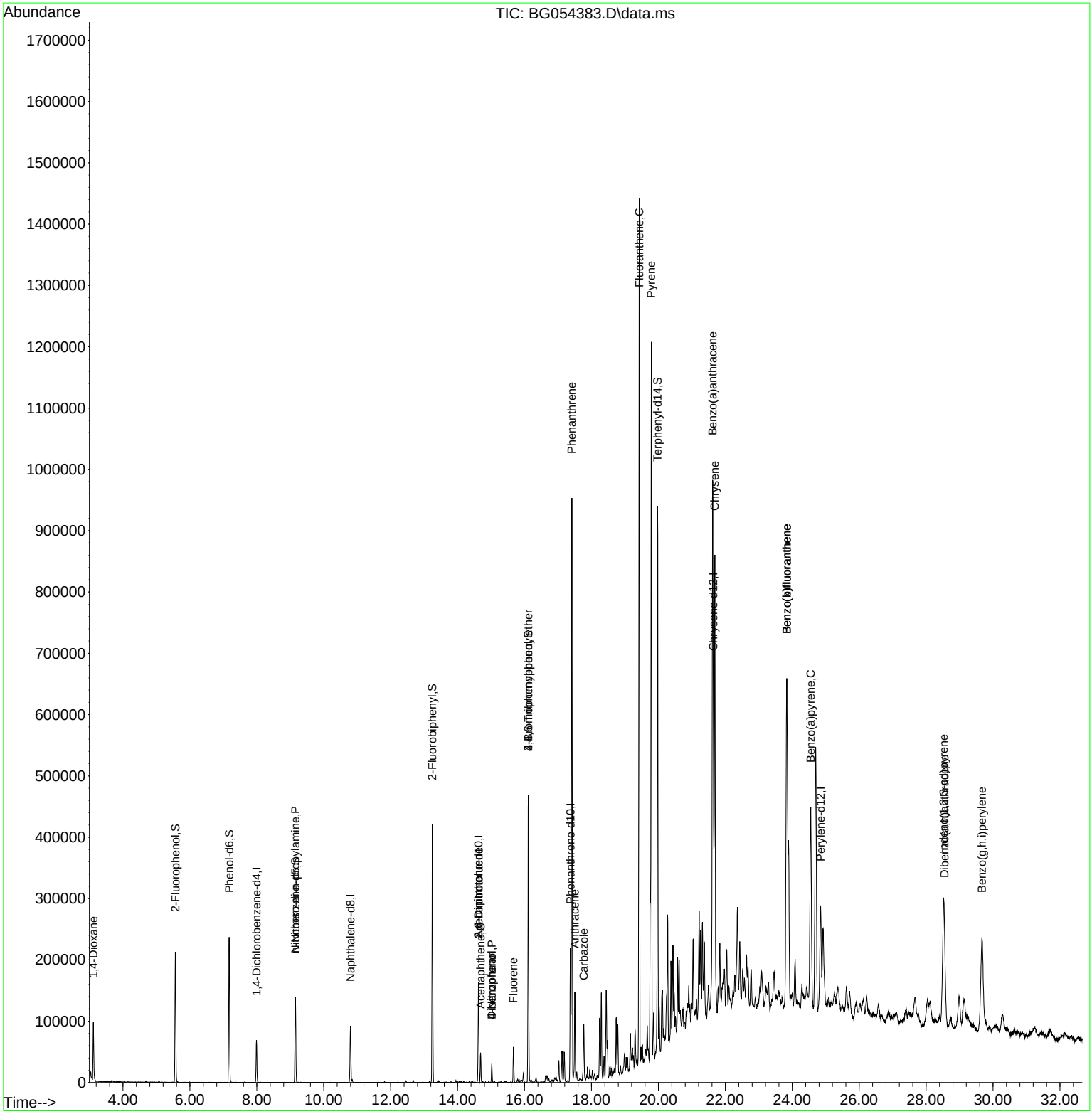
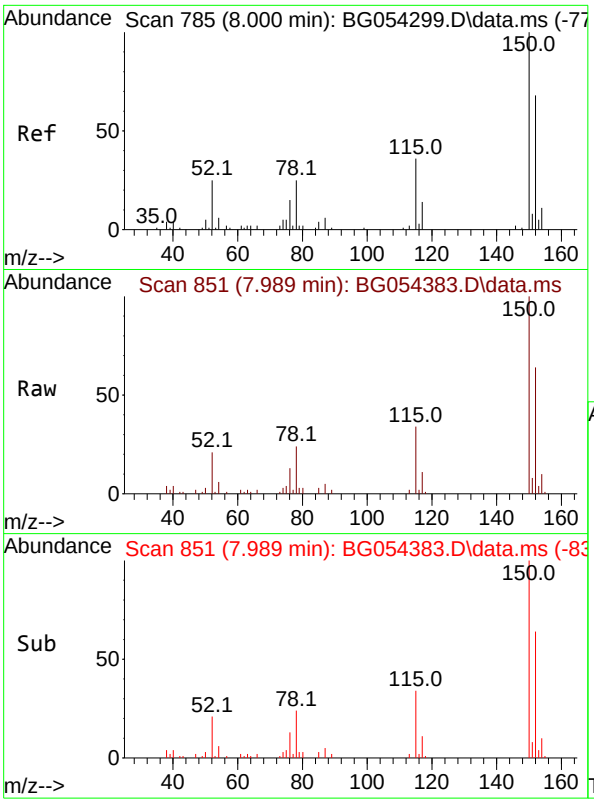


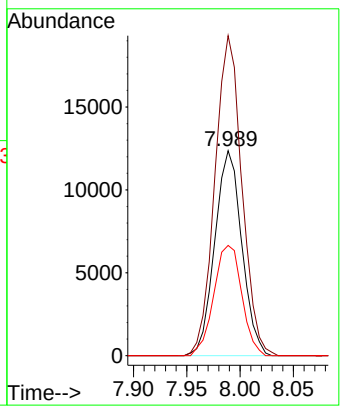


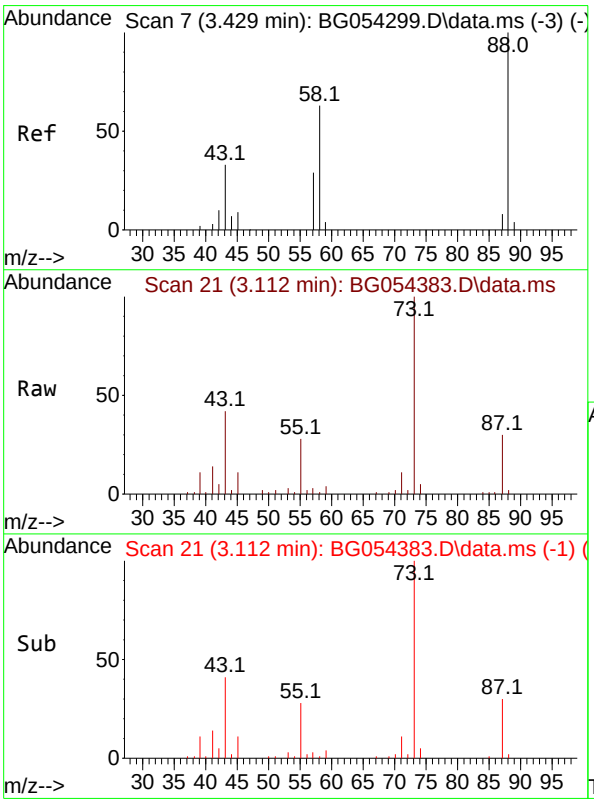
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.989 min Scan# 8
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:152 Resp: 21789

Ion	Ratio	Lower	Upper
152	100		
150	156.2	131.6	197.4
115	53.8	50.9	76.3

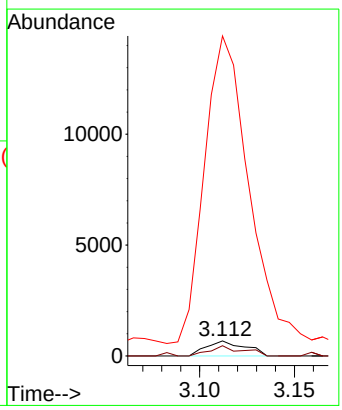


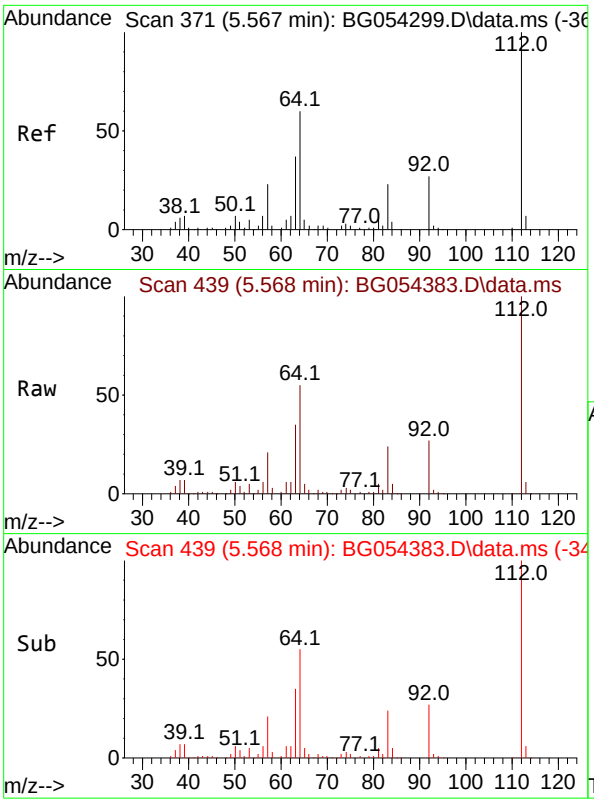


#2
1,4-Dioxane
Concen: 2.324 ng
RT: 3.112 min Scan# 21
Delta R.T. -0.317 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion: 88 Resp: 965

Ion	Ratio	Lower	Upper
88	100		
58	57.8	59.2	88.8#
43	2484.5	24.3	36.5#



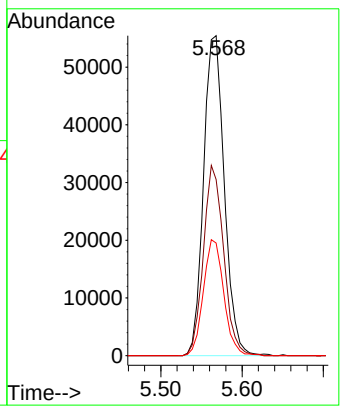


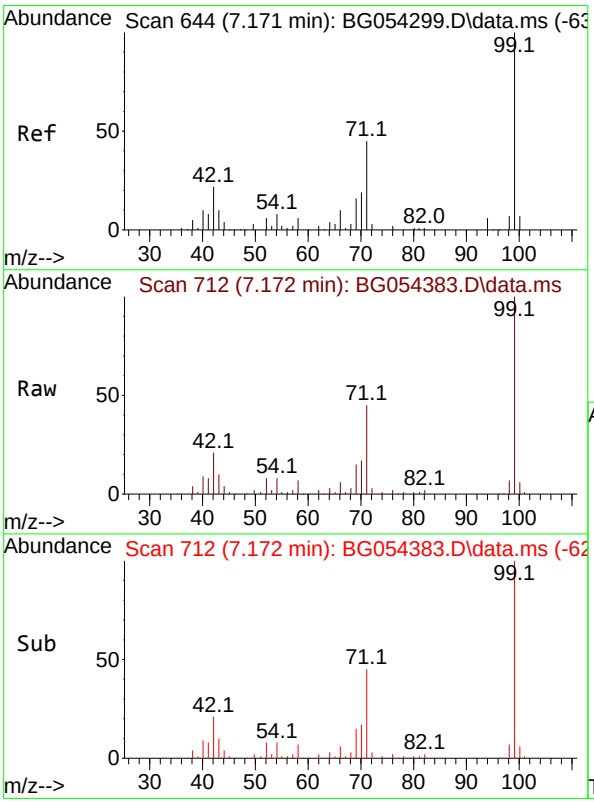
#5
2-Fluorophenol
Concen: 94.254 ng
RT: 5.568 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:112 Resp: 98363

Ion	Ratio	Lower	Upper
112	100		
64	55.1	55.1	82.7#
63	35.2	30.4	45.6

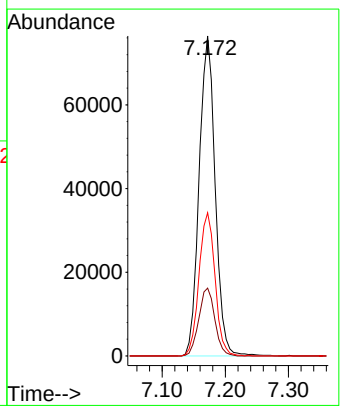


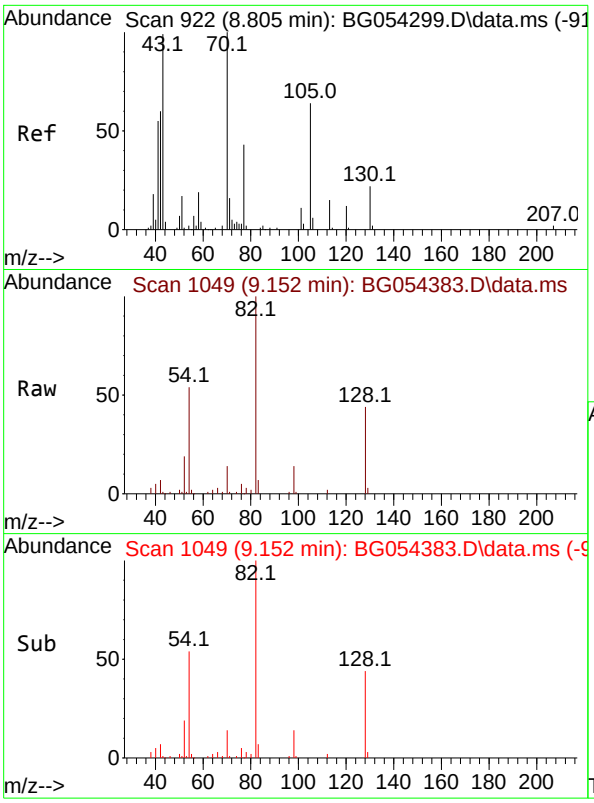


#7
Phenol-d6
Concen: 94.216 ng
RT: 7.172 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion: 99 Resp: 134727

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	44.8	33.8	50.8



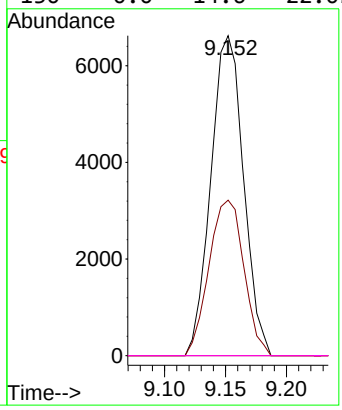


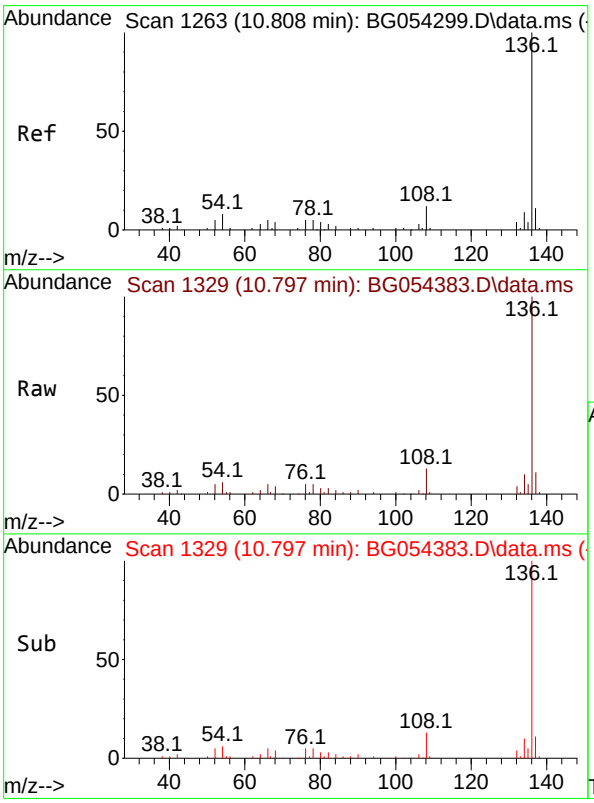
#19
n-Nitroso-di-n-propylamine
Concen: 12.926 ng
RT: 9.152 min Scan# 1
Delta R.T. 0.347 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion: 70 Resp: 12343

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

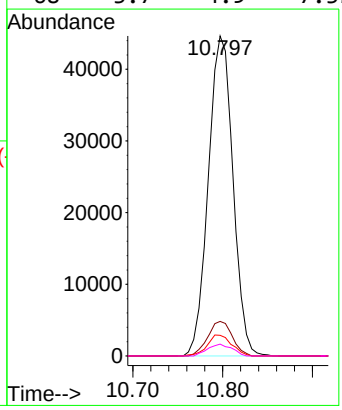


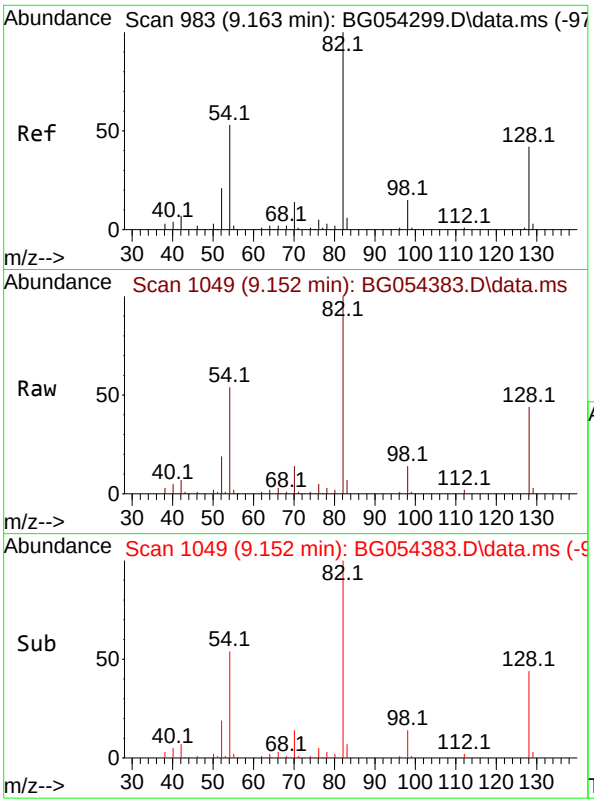


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:136 Resp: 85075

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.5	7.4	11.2#
68	3.7	4.9	7.3#



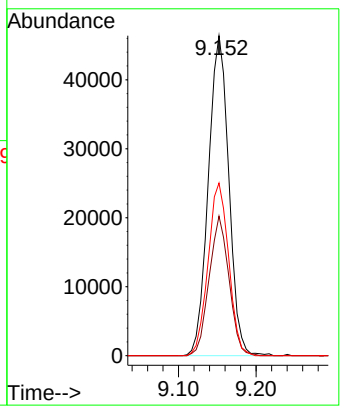


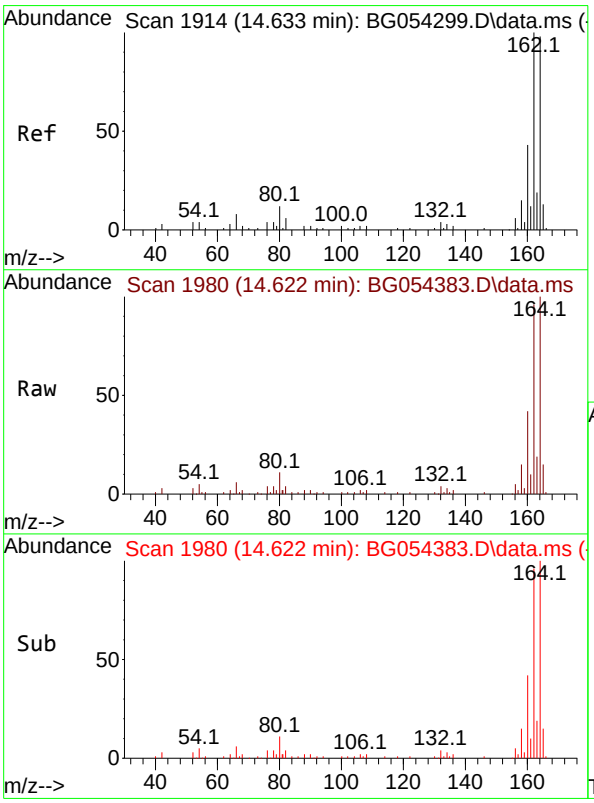
#23
Nitrobenzene-d5
Concen: 54.500 ng
RT: 9.152 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion: 82 Resp: 85142

Ion	Ratio	Lower	Upper
82	100		
128	43.6	27.9	41.9#
54	53.9	41.2	61.8

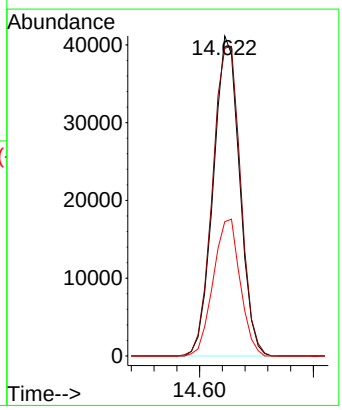


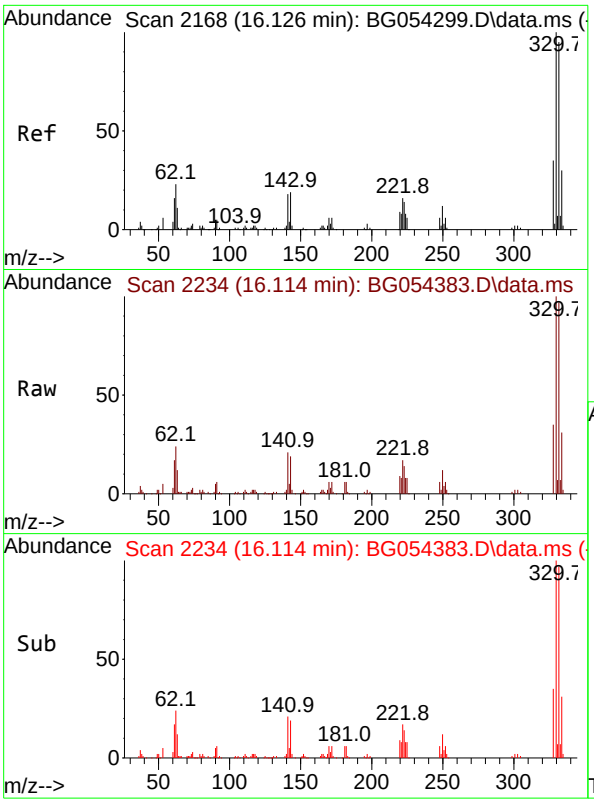


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:164 Resp: 65679

Ion	Ratio	Lower	Upper
164	100		
162	96.2	82.3	123.5
160	42.0	34.2	51.2



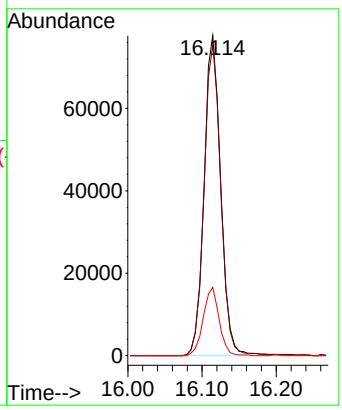


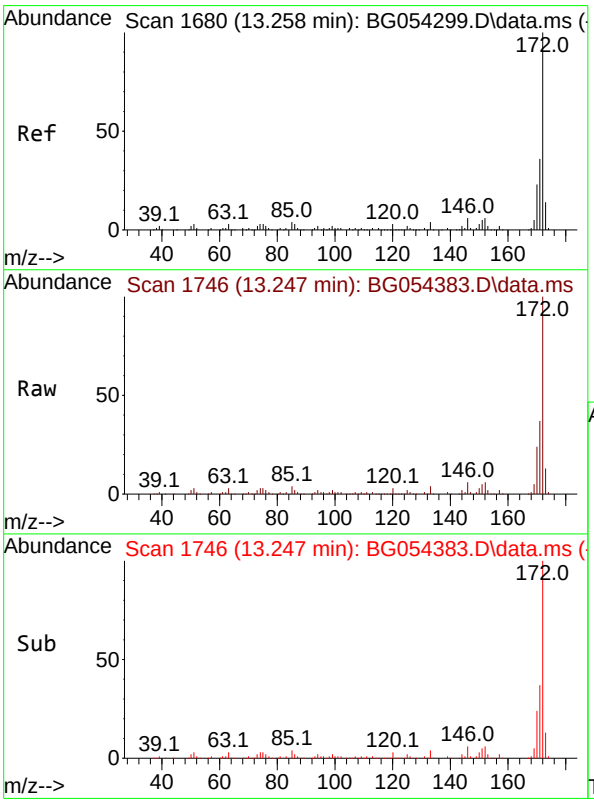
#42
2,4,6-Tribromophenol
Concen: 87.690 ng
RT: 16.114 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:330 Resp: 120926

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.0	114.0
141	20.5	27.1	40.7#

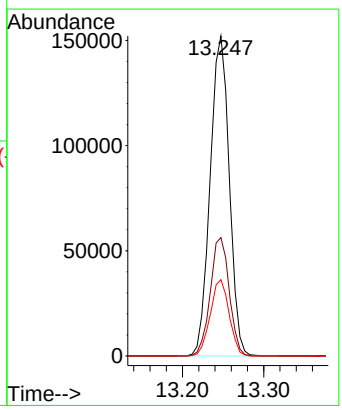


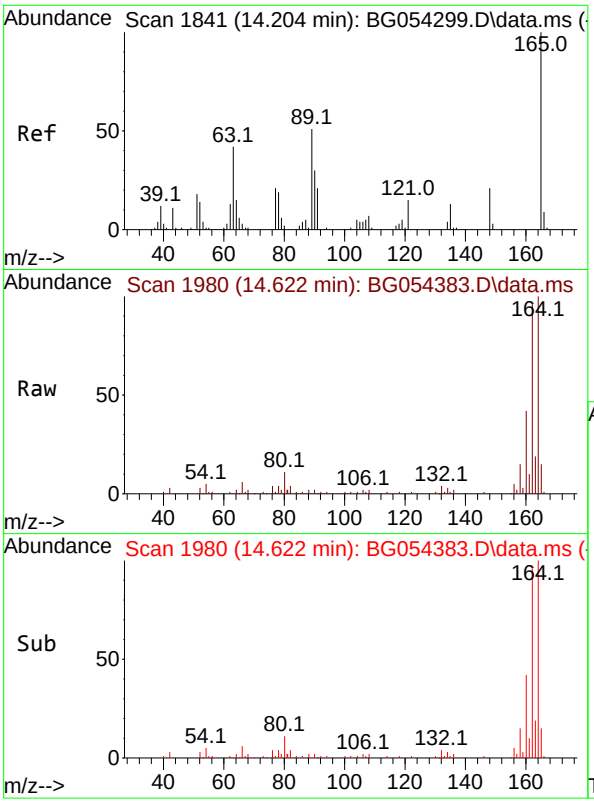


#45
2-Fluorobiphenyl
Concen: 53.418 ng
RT: 13.247 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:172 Resp: 248705

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	23.8	18.9	28.3



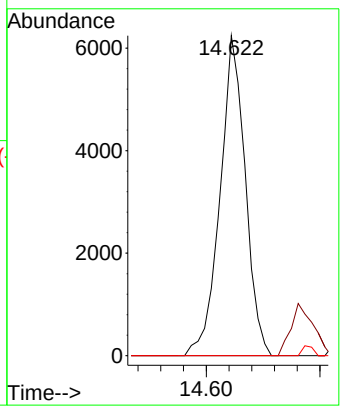


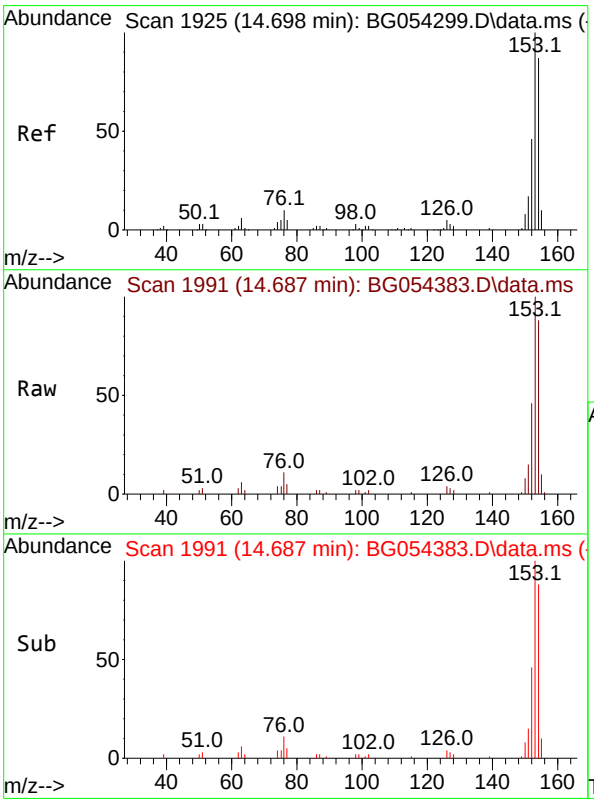
#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 14.622 min Scan# 1
Delta R.T. 0.418 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:165 Resp: 9614

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

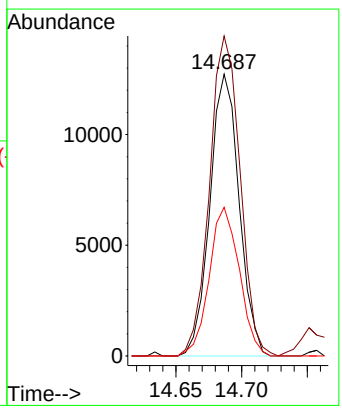


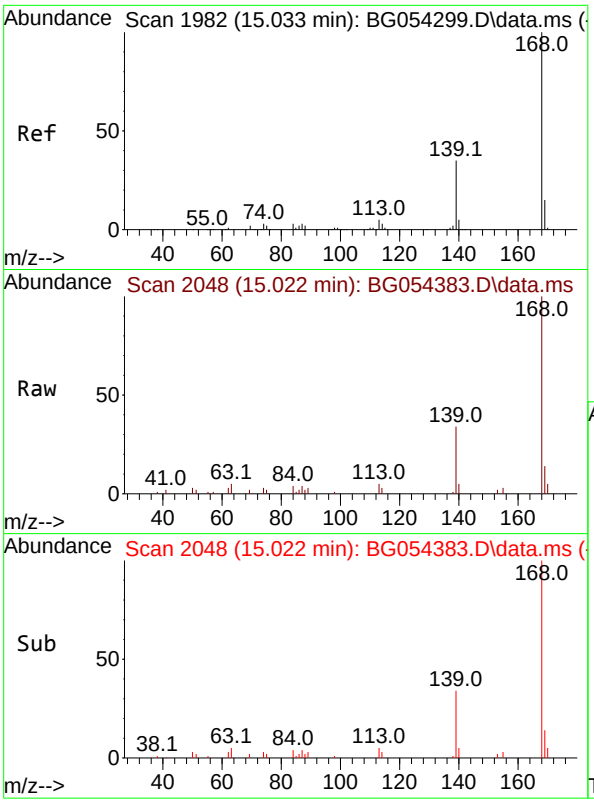


#52
Acenaphthene
Concen: 5.821 ng
RT: 14.687 min Scan# 1991
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:154 Resp: 19697

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.7	139.1
152	52.8	42.6	64.0



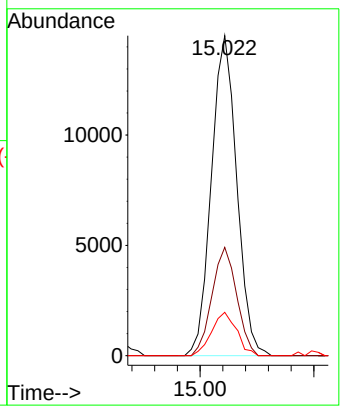


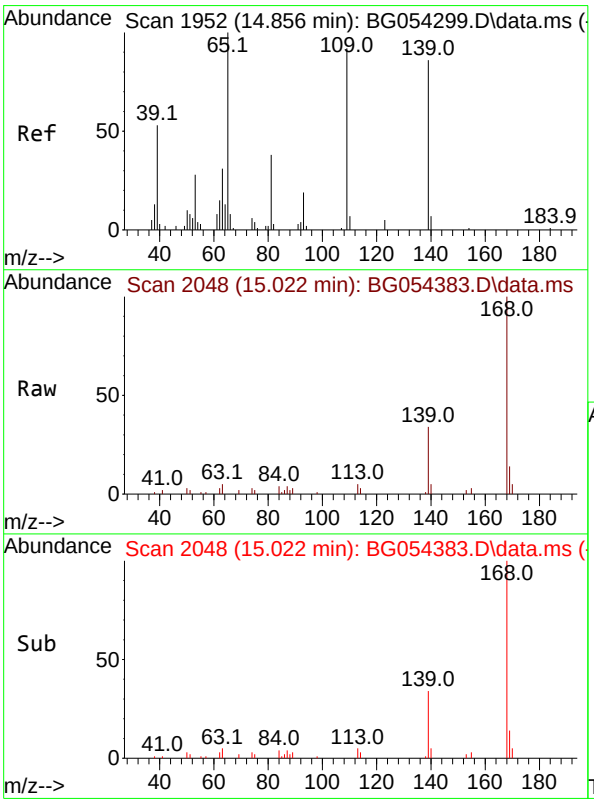
#55
Dibenzofuran
Concen: 3.729 ng
RT: 15.022 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:168 Resp: 22448

Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.5	45.7
169	13.6	10.3	15.5

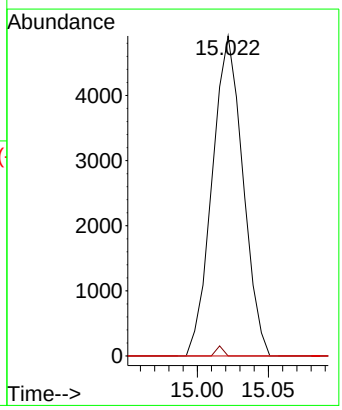


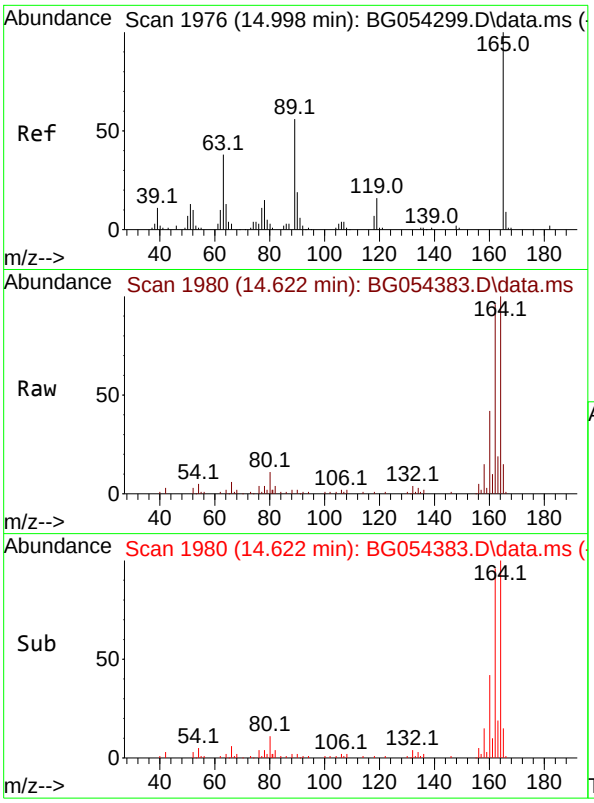


#56
4-Nitrophenol
Concen: 11.773 ng
RT: 15.022 min Scan# 2048
Delta R.T. 0.166 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:139 Resp: 7392

Ion	Ratio	Lower	Upper
139	100		
109	0.0	88.5	128.5#
65	0.0	93.9	133.9#



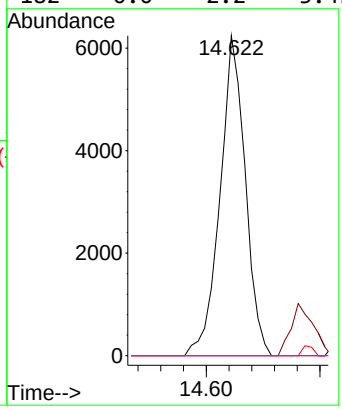


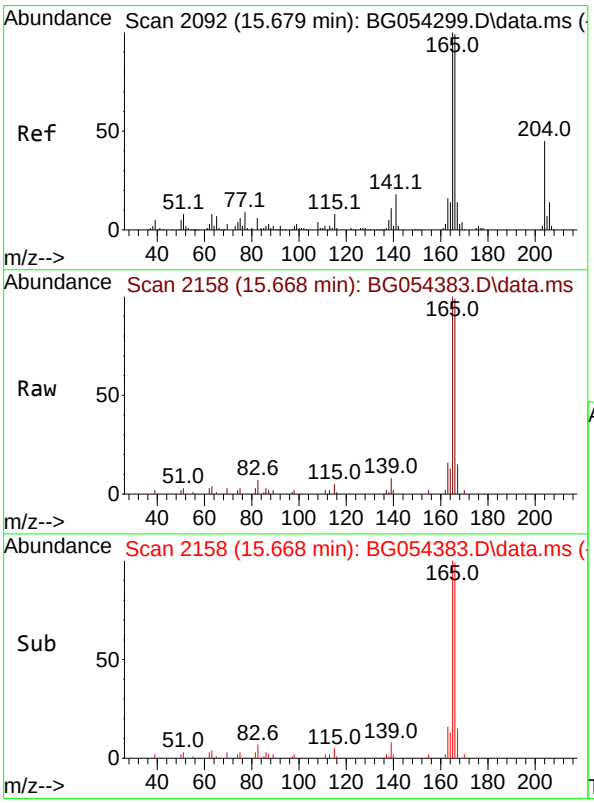
#57
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 14.622 min Scan# 1
Delta R.T. -0.375 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:165 Resp: 9614

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

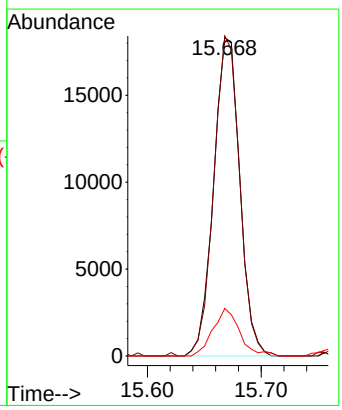


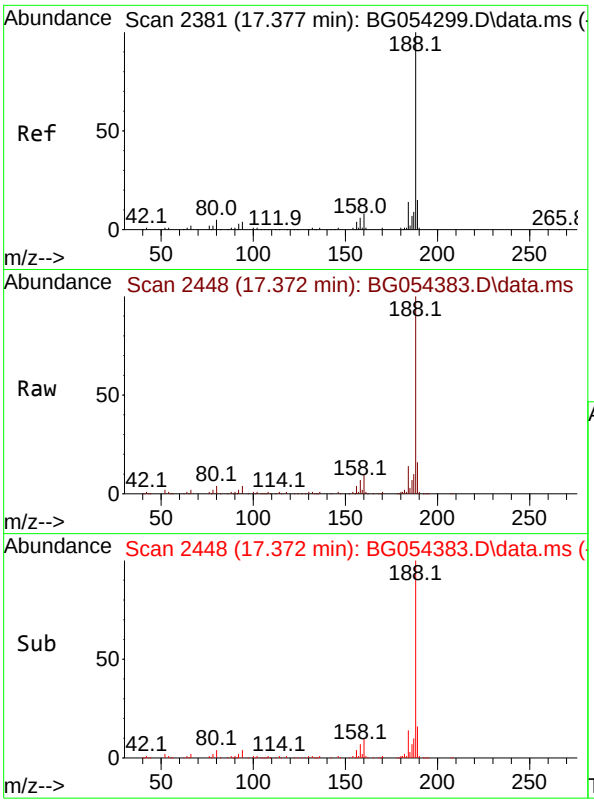


#58
Fluorene
Concen: 5.914 ng
RT: 15.668 min Scan# 2158
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:166 Resp: 29275

Ion	Ratio	Lower	Upper
166	100		
165	100.5	75.0	112.6
167	14.9	10.8	16.2



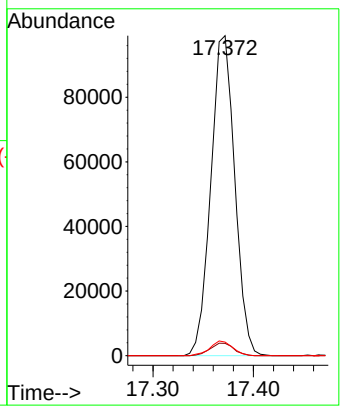


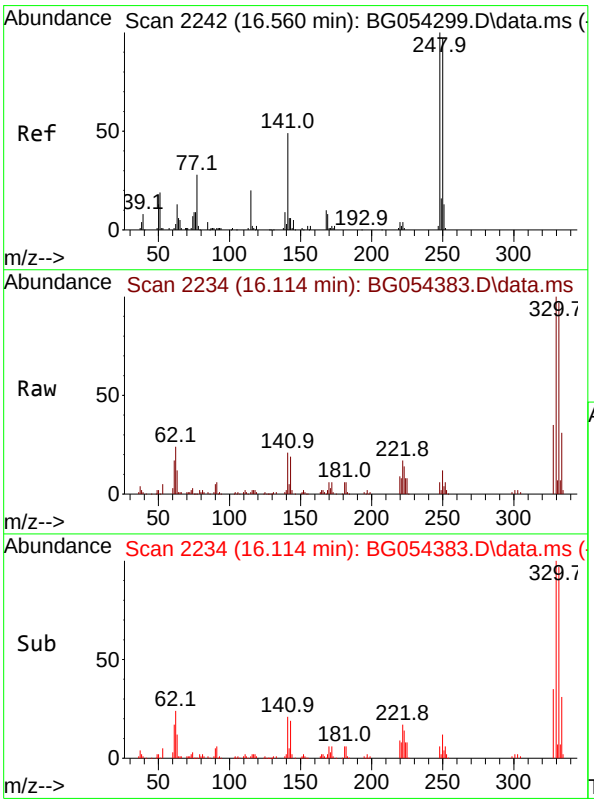
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.372 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:188 Resp: 163986

Ion	Ratio	Lower	Upper
188	100		
94	3.8	5.4	8.0#
80	4.2	6.8	10.2#

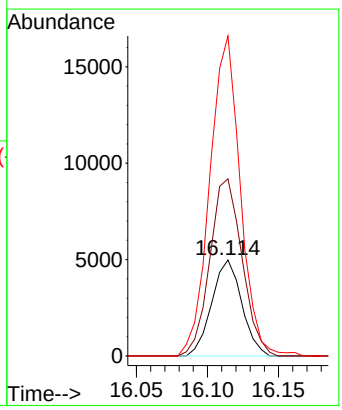


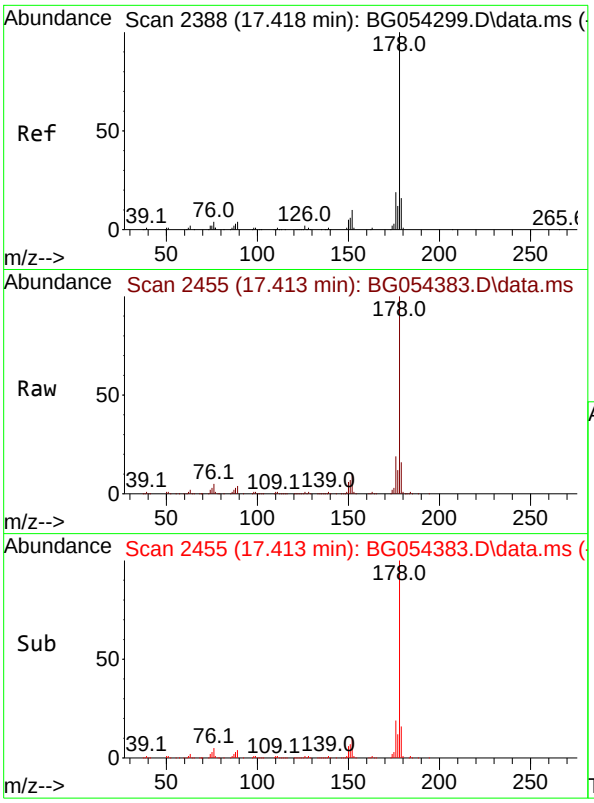


#67
4-Bromophenyl-phenylether
Concen: 3.174 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.446 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:248 Resp: 7309

Ion	Ratio	Lower	Upper
248	100		
250	184.3	75.2	112.8#
141	333.1	50.0	75.0#



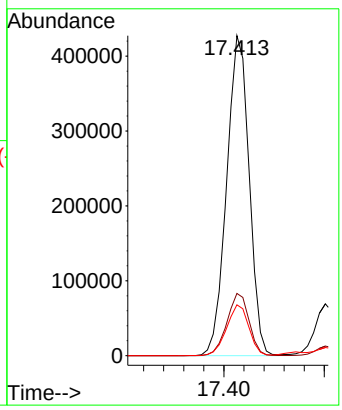


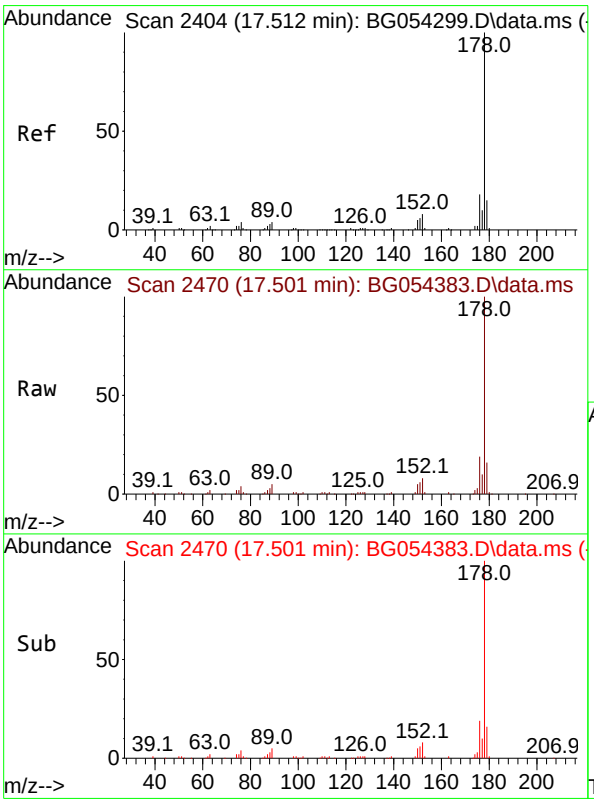
#71
Phenanthrene
Concen: 81.551 ng
RT: 17.413 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:178 Resp: 665976

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.1	21.1
179	15.9	12.1	18.1

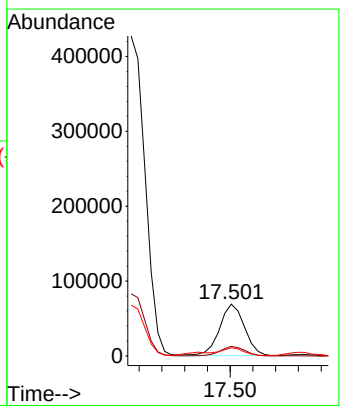


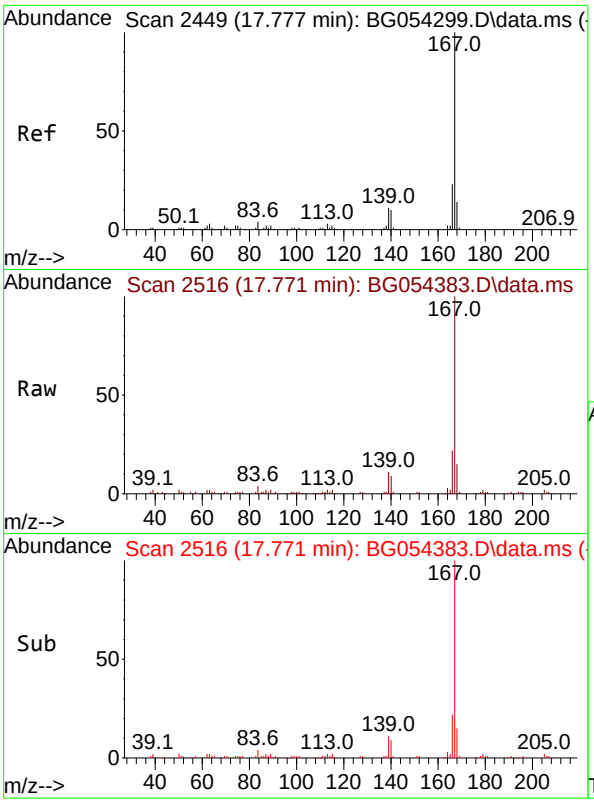


#72
Anthracene
Concen: 13.109 ng
RT: 17.501 min Scan# 2470
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:178 Resp: 105051

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.7	13.0	19.4



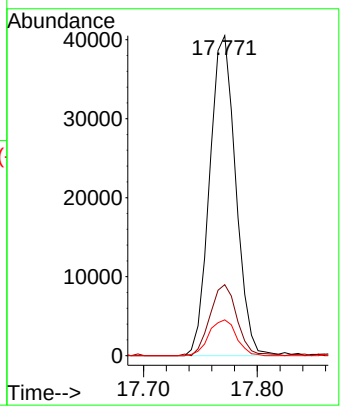


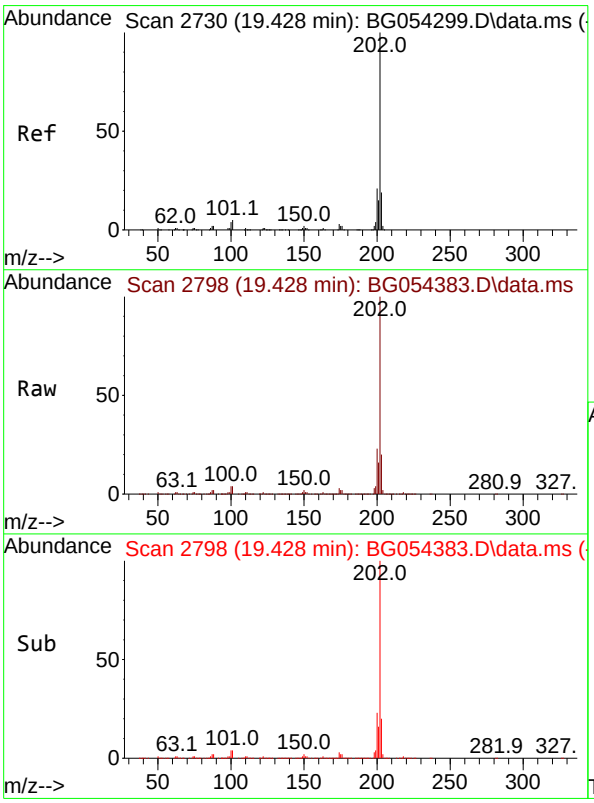
#73
Carbazole
Concen: 9.774 ng
RT: 17.771 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:167 Resp: 64487

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	11.2	10.1	15.1

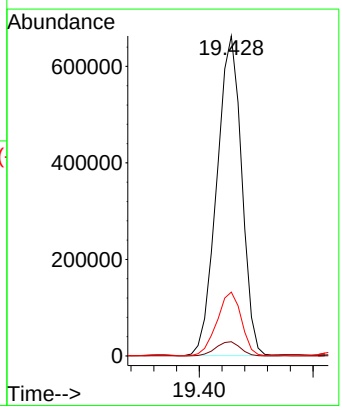


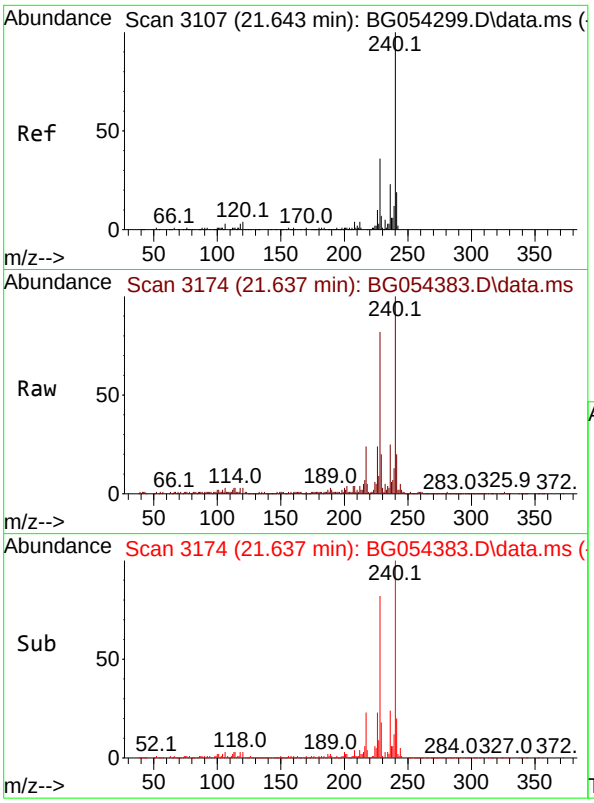


#75
Fluoranthene
Concen: 90.459 ng
RT: 19.428 min Scan# 2798
Delta R.T. 0.001 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:202 Resp: 1007007

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	26.9
203	19.9	0.0	37.2



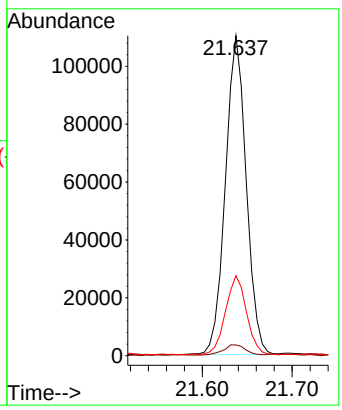


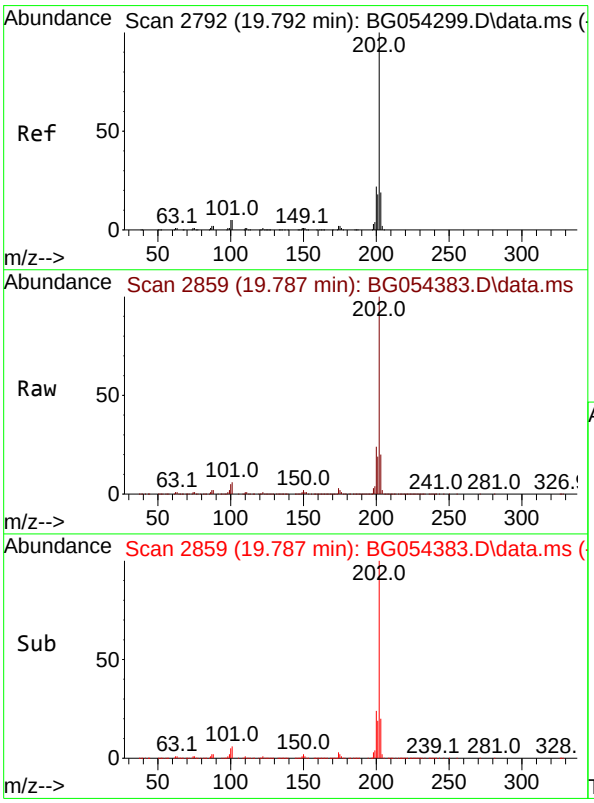
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:240 Resp: 177692

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	25.0	20.2	30.4

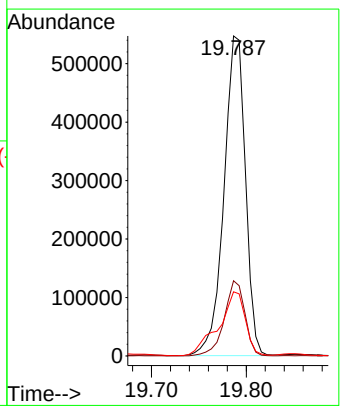


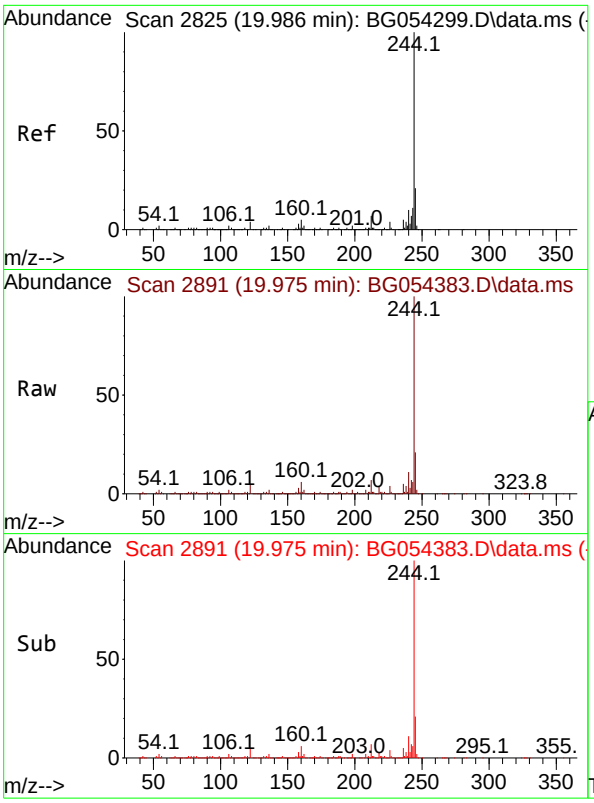


#78
Pyrene
Concen: 84.611 ng
RT: 19.787 min Scan# 2859
Delta R.T. -0.005 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:202 Resp: 862680

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.6	24.8
203	20.1	14.6	21.8



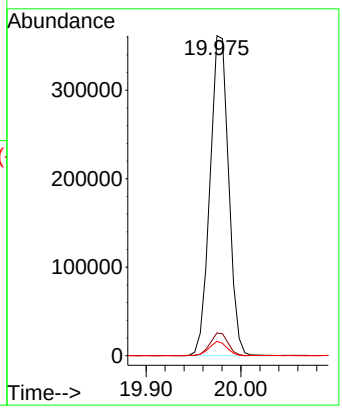


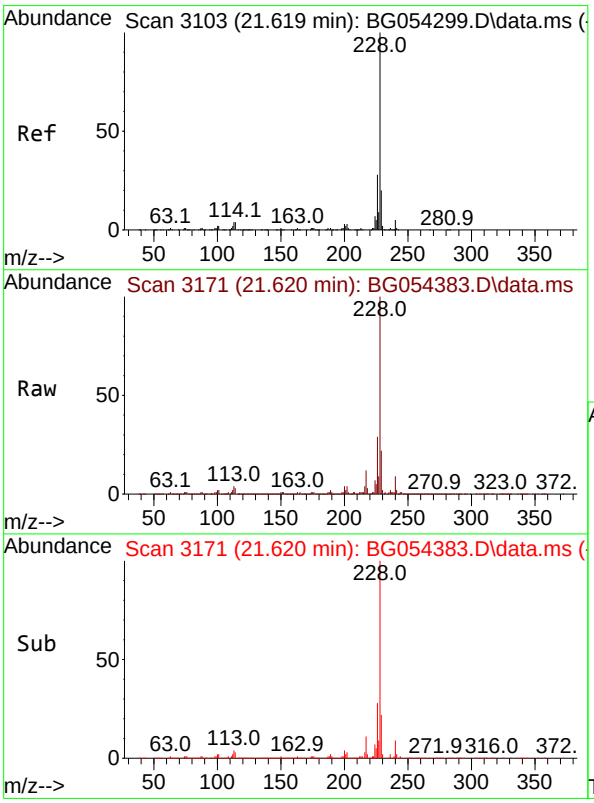
#79
Terphenyl-d14
Concen: 55.165 ng
RT: 19.975 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:244 Resp: 494118

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	4.5	5.0	7.4#

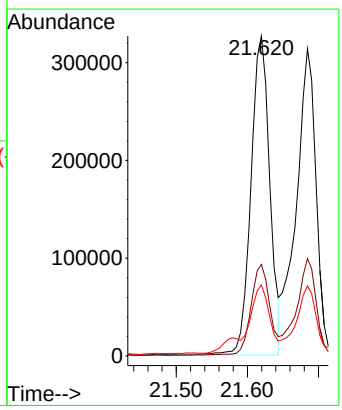


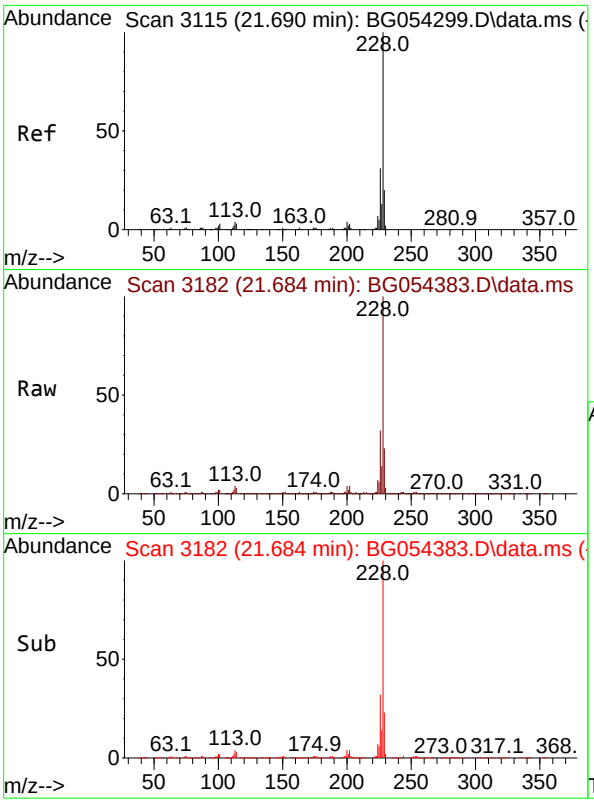


#81
Benzo(a)anthracene
Concen: 53.080 ng
RT: 21.620 min Scan# 3171
Delta R.T. 0.001 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:228 Resp: 598727

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.6	32.4
229	22.2	16.2	24.2



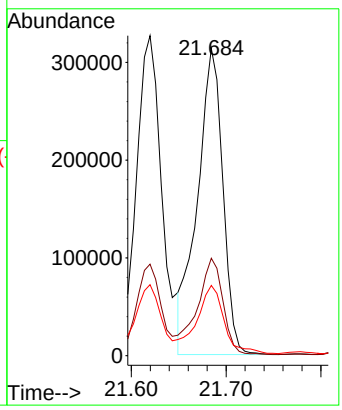


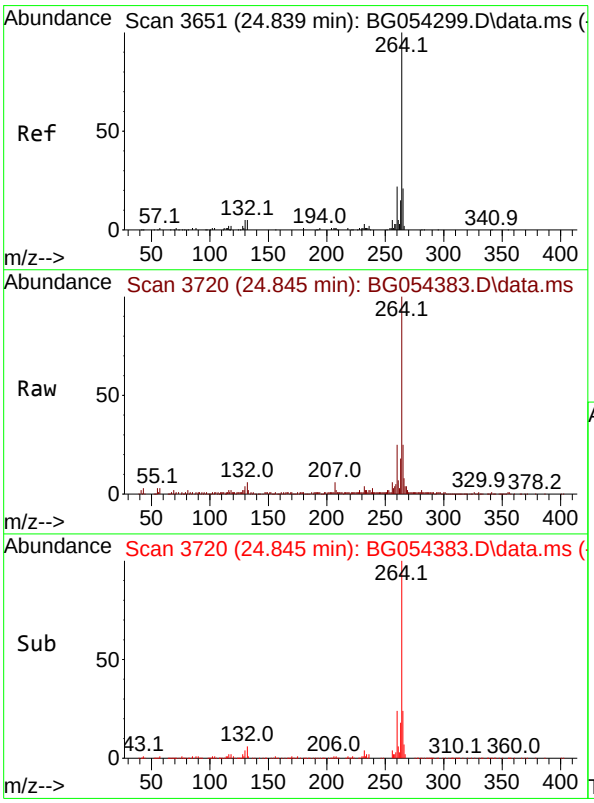
#83
Chrysene
Concen: 55.077 ng
RT: 21.684 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:228 Resp: 586939

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	22.9	15.5	23.3

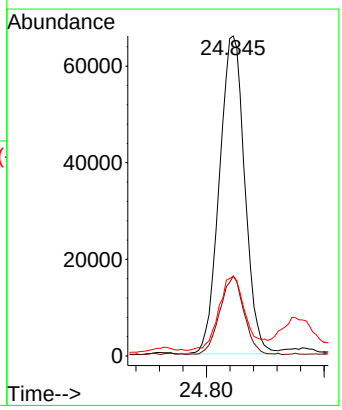


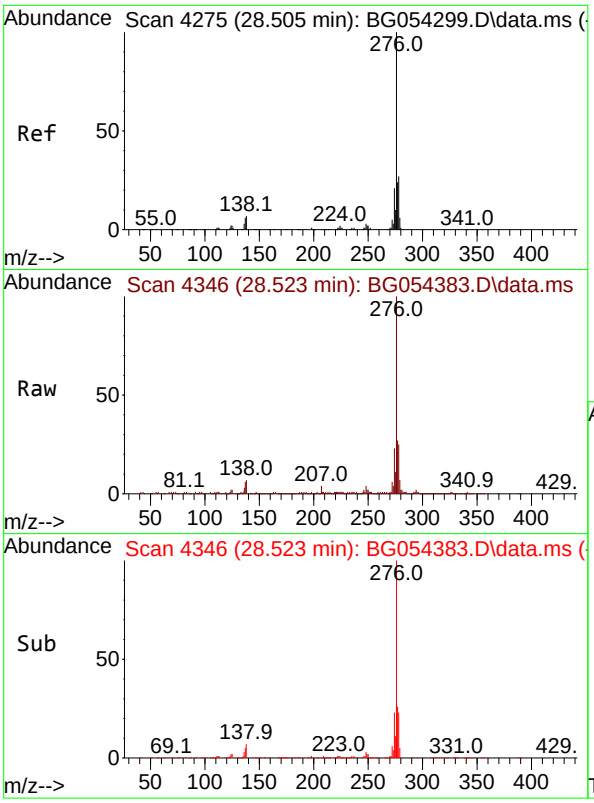


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3720
Delta R.T. 0.006 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:264 Resp: 196626

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.6
265	24.9	17.4	26.2



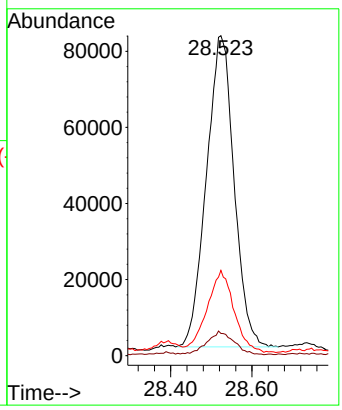


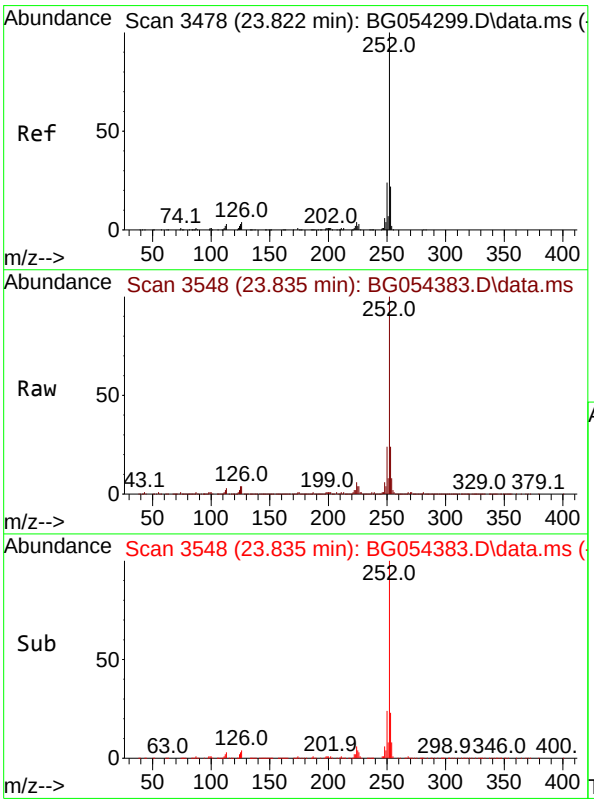
#87
Indeno(1,2,3-cd)pyrene
Concen: 25.797 ng
RT: 28.523 min Scan# 4
Delta R.T. 0.018 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:276 Resp: 385879

Ion	Ratio	Lower	Upper
276	100		
138	7.3	5.0	7.4
277	25.4	20.3	30.5

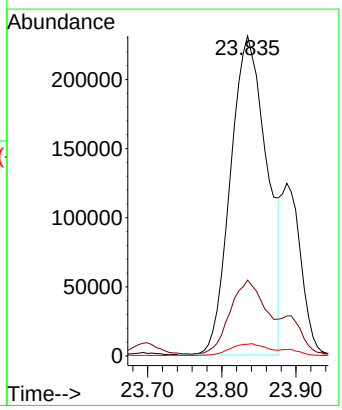


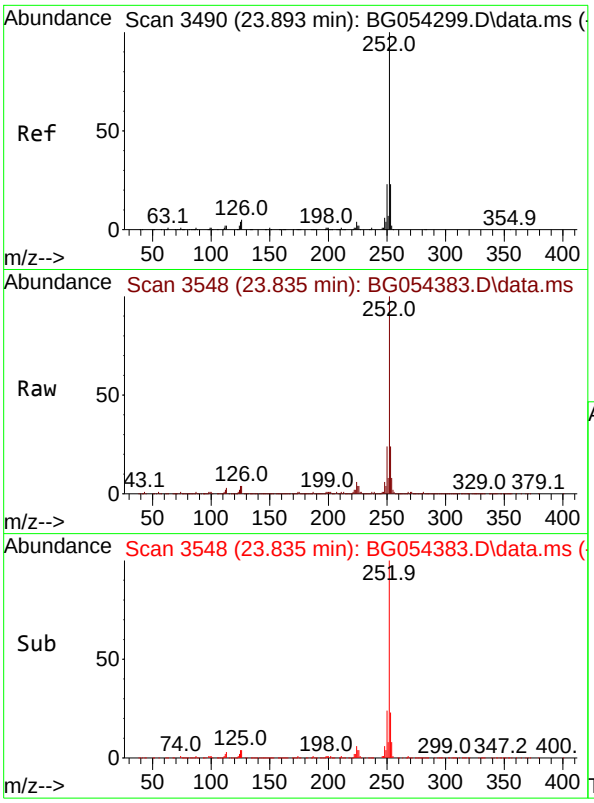


#88
Benzo(b)fluoranthene
Concen: 67.995 ng
RT: 23.835 min Scan# 3548
Delta R.T. 0.012 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:252 Resp: 790659

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	3.7	4.6	6.8#



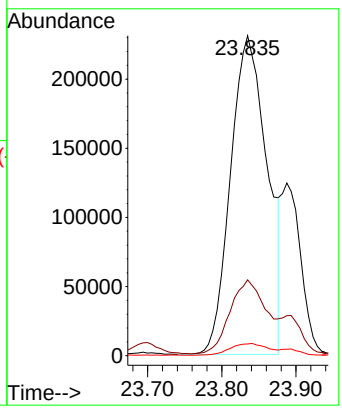


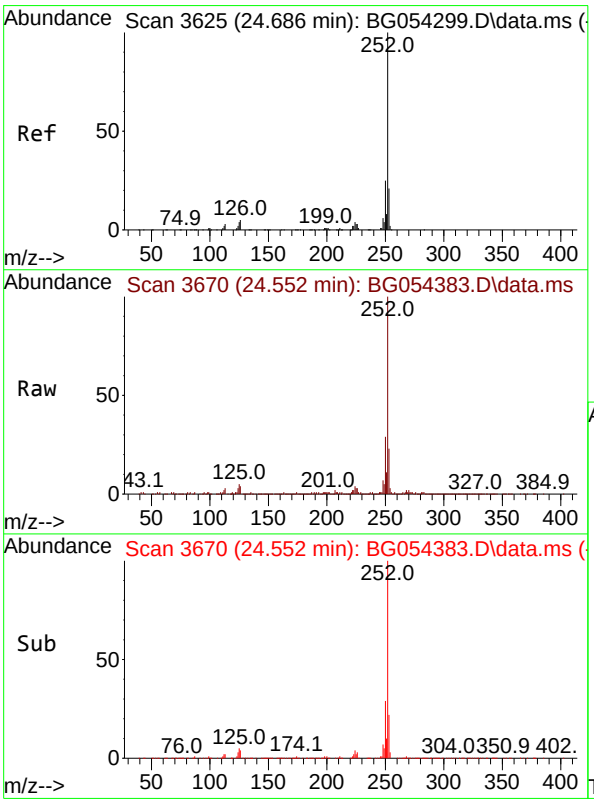
#89
Benzo(k)fluoranthene
Concen: 68.321 ng
RT: 23.835 min Scan# 3
Delta R.T. -0.058 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:252 Resp: 790659

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	3.7	4.8	7.2#

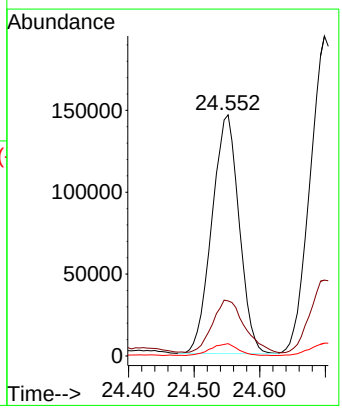


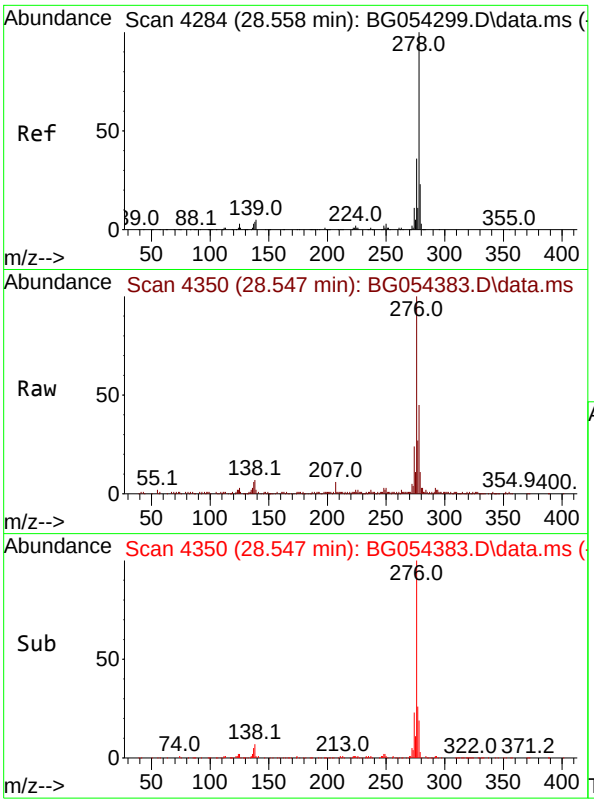


#90
Benzo(a)pyrene
Concen: 42.269 ng
RT: 24.552 min Scan# 3670
Delta R.T. -0.135 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:252 Resp: 419752

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	5.1	4.3	6.5



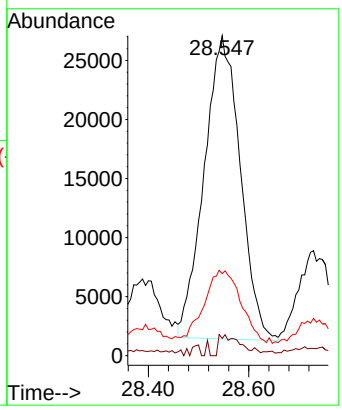


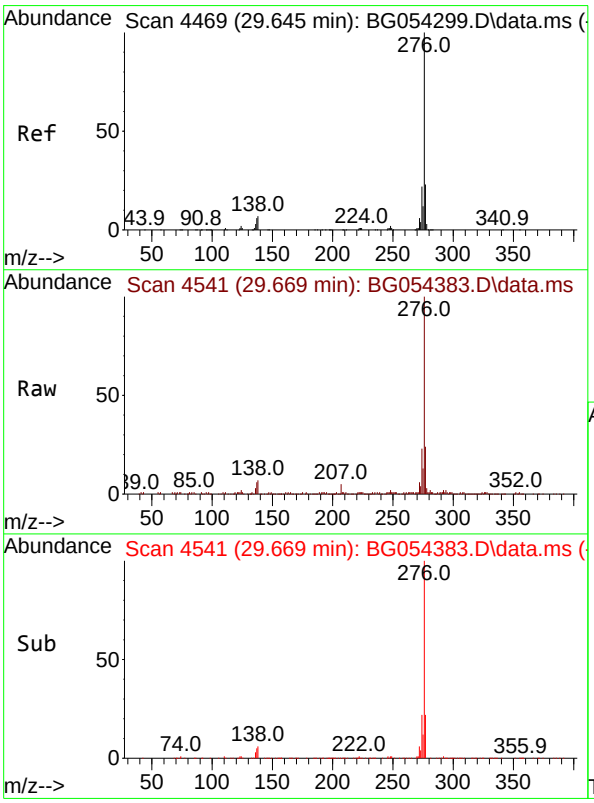
#91
Dibenzo(a,h)anthracene
Concen: 10.449 ng
RT: 28.547 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Instrument :
BNA_G
ClientSampleId :
MH-189E

Tgt Ion:278 Resp: 128524

Ion	Ratio	Lower	Upper
278	100		
139	5.4	7.2	10.8#
279	25.7	18.6	27.8





#92
Benzo(g,h,i)perylene
Concen: 32.222 ng
RT: 29.669 min Scan# 4541
Delta R.T. 0.024 min
Lab File: BG054383.D
Acq: 25 Jul 2022 17:16

Tgt Ion:276 Resp: 391170

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.3	25.9
138	7.2	9.6	14.4#