Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054384.D
Acq On : 25 Jul 2022 17:59
Operator : CG/JU
Sample : N3814-10RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Quant Time: Jul 26 00:55:21 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	7.993	152	22492	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	87295	20.000	ng	#-0.01
39) Acenaphthene-d10	14.626	164	67640	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	160729	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	180130	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	193490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	29706	27.575	ng	0.00
7) Phenol-d6	7.170	99	42237	28.614	ng	0.00
23) Nitrobenzene-d5	9.150	82	29741	18.553	ng	-0.01
42) 2,4,6-Tribromophenol	16.113	330	37055	26.092	ng	-0.01
45) 2-Fluorobiphenyl	13.245	172	91918	19.170	ng	-0.01
79) Terphenyl-d14	19.973	244	174200	19.185	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.150	70	3930	3.987	ng	# 81
51) 2,6-Dinitrotoluene	14.626	165	10141	8.751	ng	# 16
56) 4-Nitrophenol	15.020	139	2086	3.226	ng	# 1
57) 2,4-Dinitrotoluene	14.626	165	10141	6.104	ng	# 21
71) Phenanthrene	17.411	178	200809	25.088	ng	99
72) Anthracene	17.499	178	49816	6.342	ng	96
73) Carbazole	17.769	167	15226	2.355	ng	98
75) Fluoranthene	19.426	202	433762	39.754	ng	96
78) Pyrene	19.785	202	379386	36.706	ng	98
81) Benzo(a)anthracene	21.612	228	257070	22.482	ng	99
83) Chrysene	21.612	228	257070	23.796	ng	96
87) Indeno(1,2,3-cd)pyrene	28.504	276	147680	10.033	ng	# 96
88) Benzo(b)fluoranthene	23.827	252	326485	28.532	ng	# 99
89) Benzo(k)fluoranthene	23.827	252	326485	28.669	ng	# 98
90) Benzo(a)pyrene	24.538	252	151648	15.518	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	36432	3.010	ng	# 86
92) Benzo(g,h,i)perylene	29.644	276	130527	10.926	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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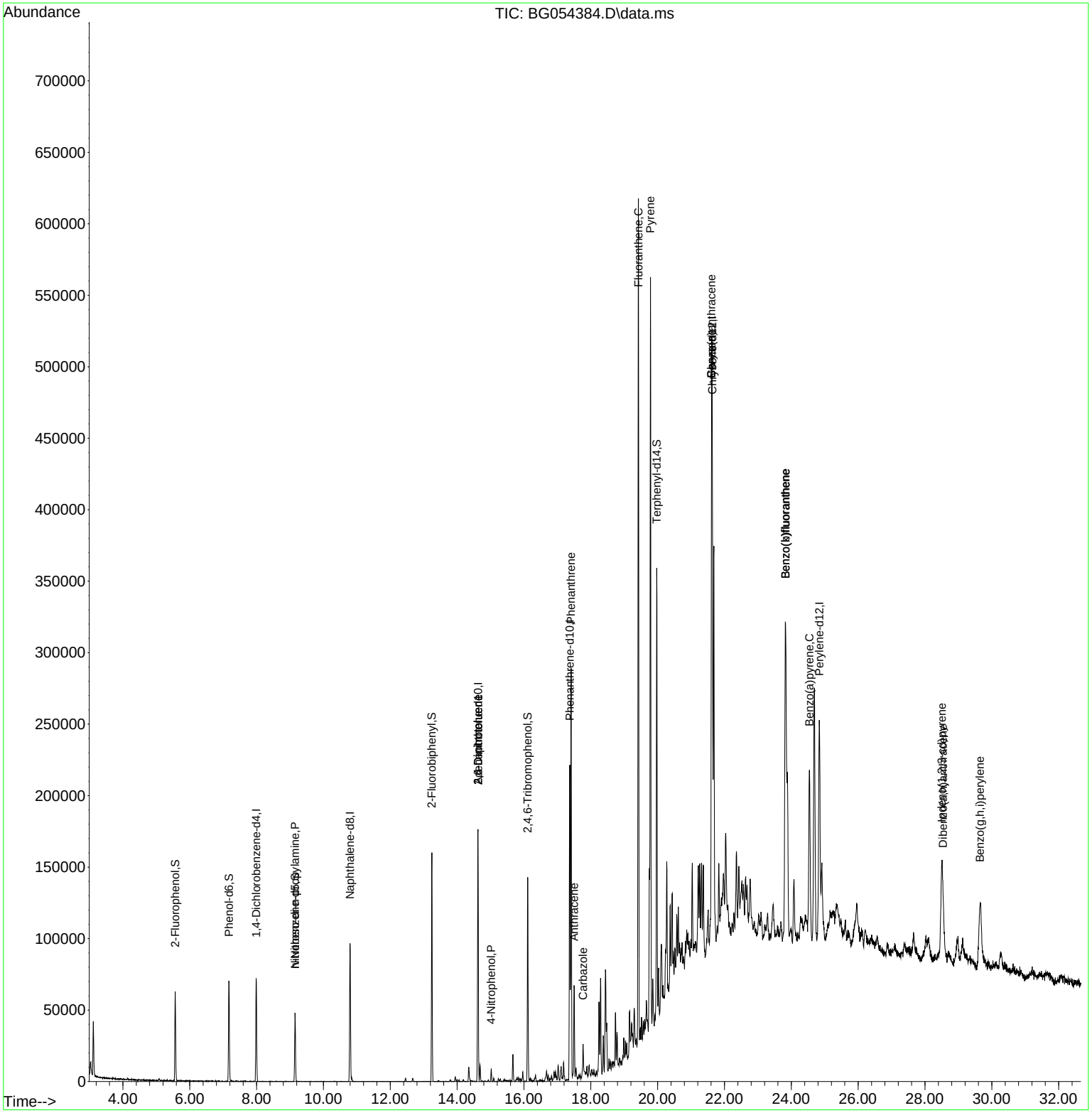
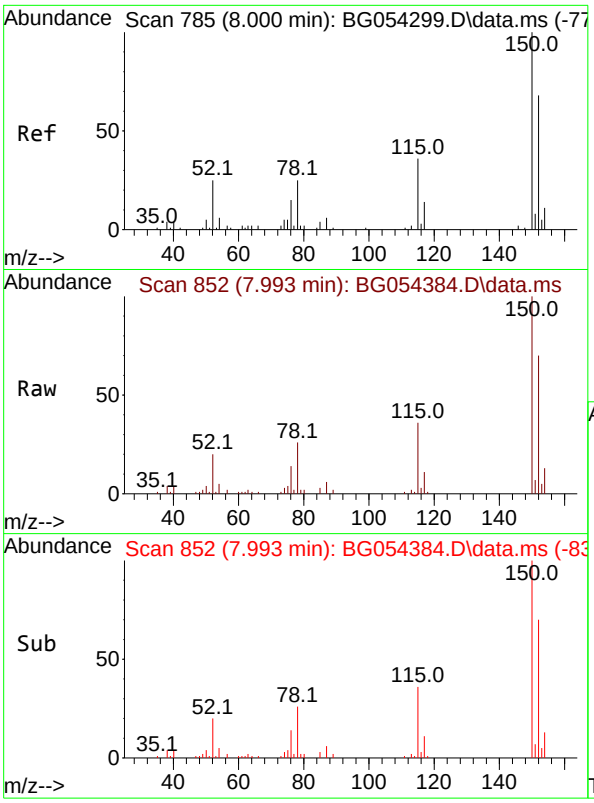


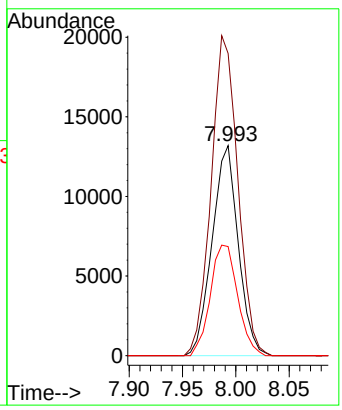


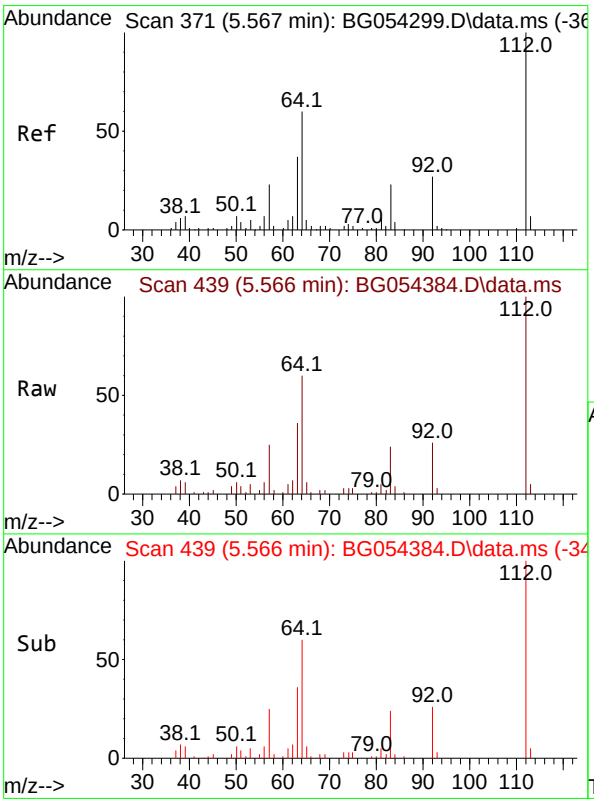
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:152 Resp: 22492

Ion	Ratio	Lower	Upper
152	100		
150	143.9	131.6	197.4
115	51.9	50.9	76.3

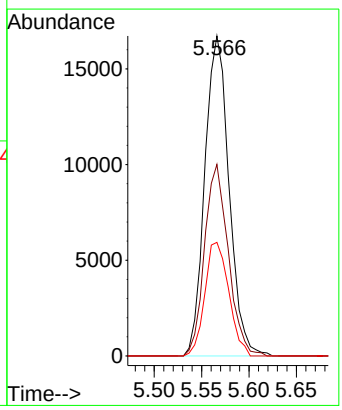


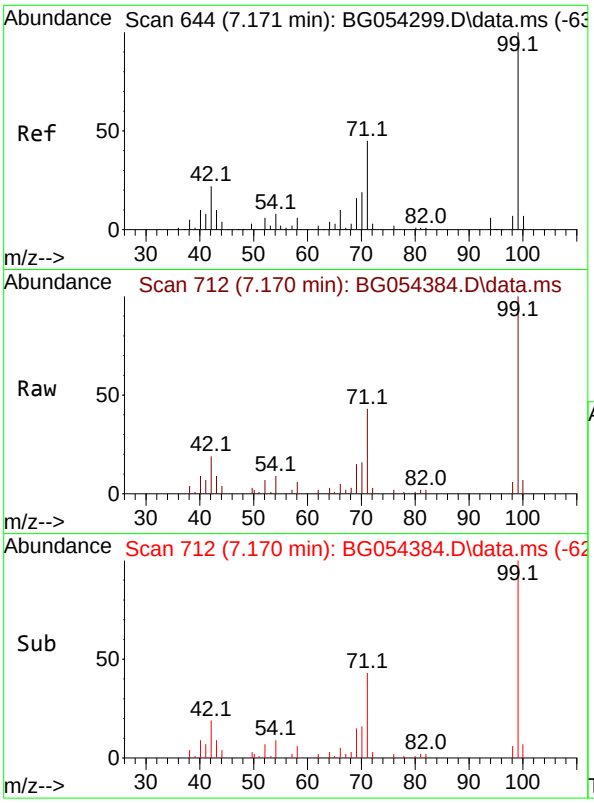


#5
2-Fluorophenol
Concen: 27.575 ng
RT: 5.566 min Scan# 439
Delta R.T. -0.001 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:112 Resp: 29706

Ion	Ratio	Lower	Upper
112	100		
64	59.8	55.1	82.7
63	35.5	30.4	45.6



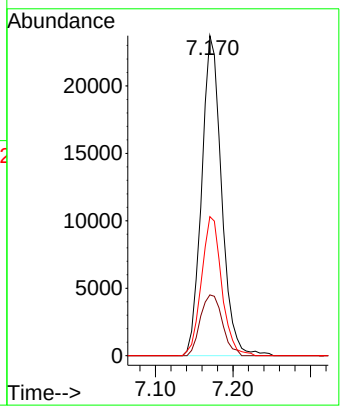


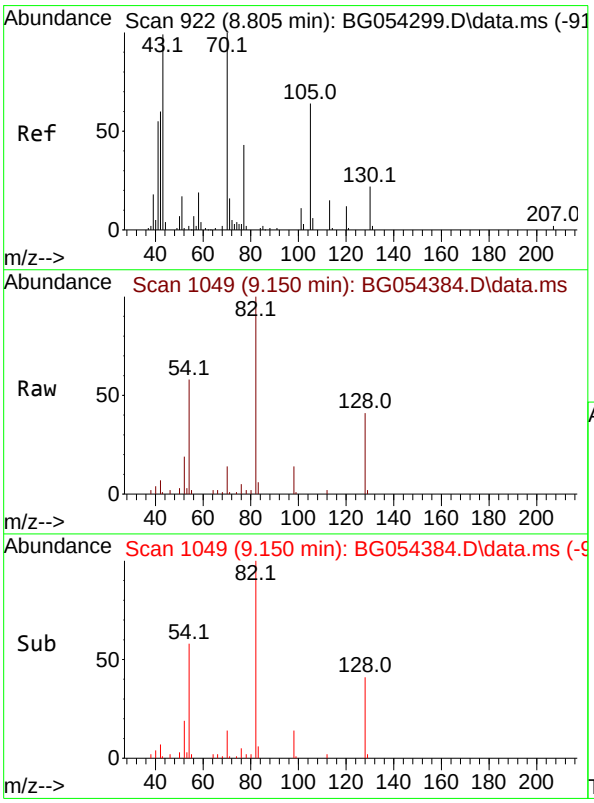
#7
Phenol-d6
Concen: 28.614 ng
RT: 7.170 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion: 99 Resp: 42237

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.0	25.6
71	43.5	33.8	50.8

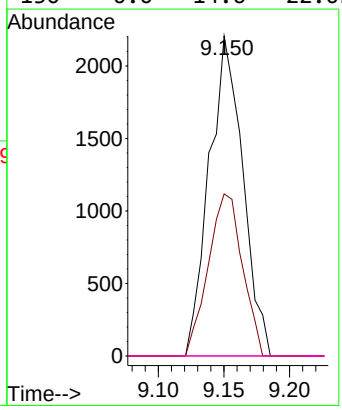


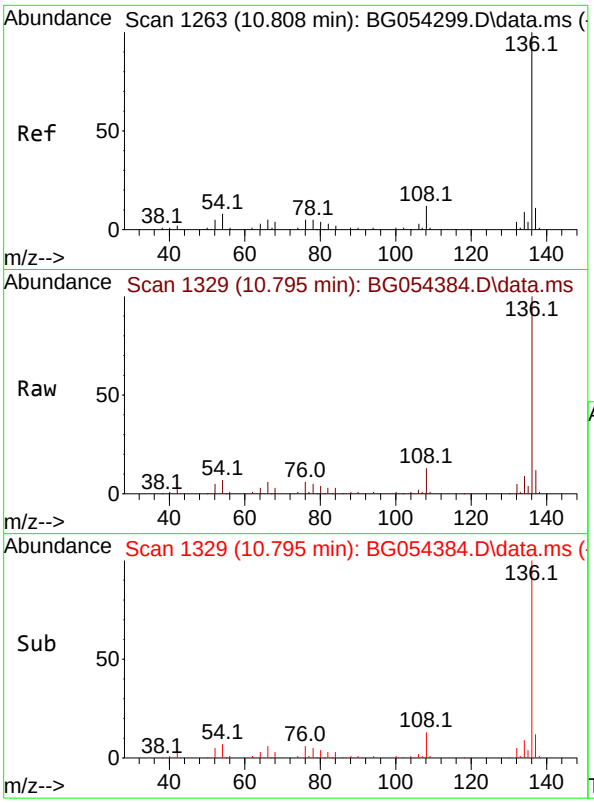


#19
n-Nitroso-di-n-propylamine
Concen: 3.987 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.345 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion: 70 Resp: 3930

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



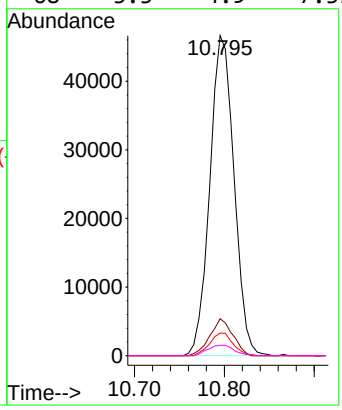


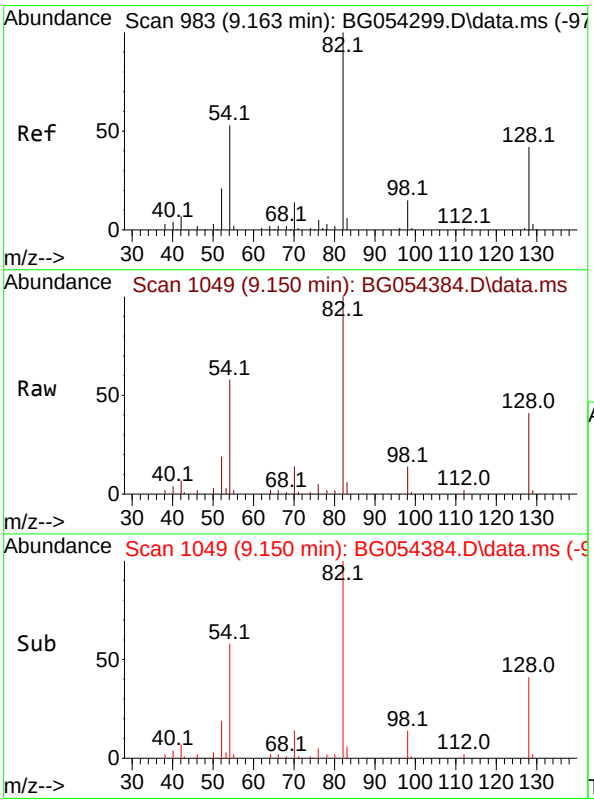
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:136 Resp: 87295

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	7.0	7.4	11.2#
68	3.3	4.9	7.3#

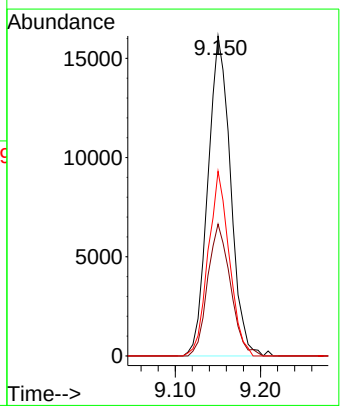


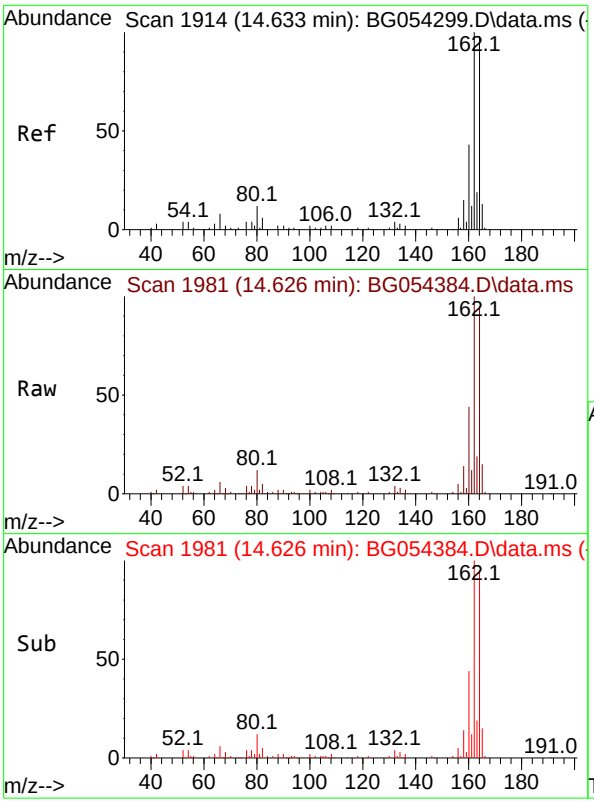


#23
Nitrobenzene-d5
Concen: 18.553 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.013 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion: 82 Resp: 29741

Ion	Ratio	Lower	Upper
82	100		
128	41.2	27.9	41.9
54	57.7	41.2	61.8



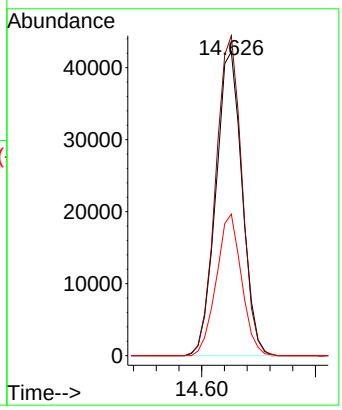


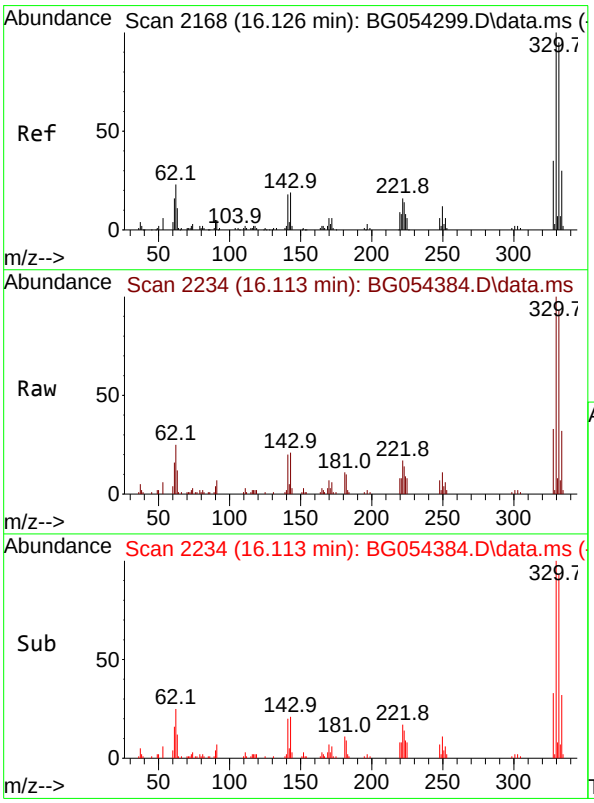
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:164 Resp: 67640

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.3	123.5
160	46.6	34.2	51.2

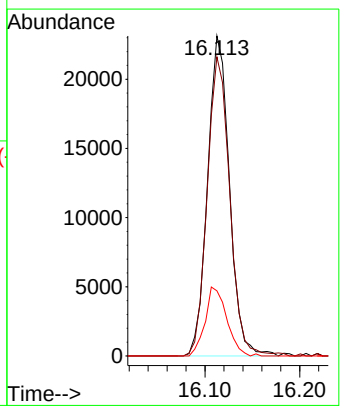


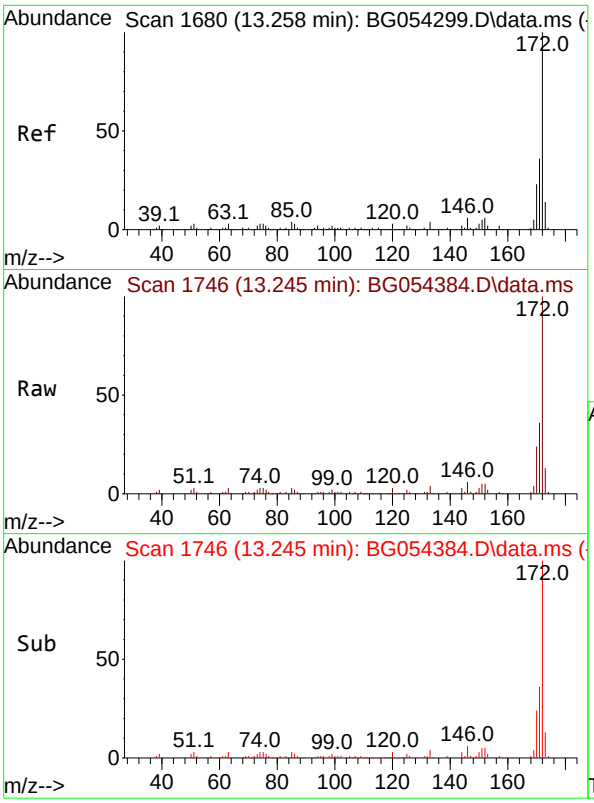


#42
2,4,6-Tribromophenol
Concen: 26.092 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.013 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:330 Resp: 37055

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	21.3	27.1	40.7#



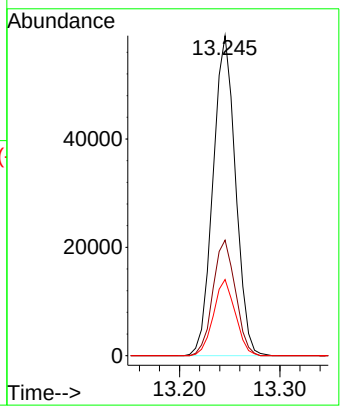


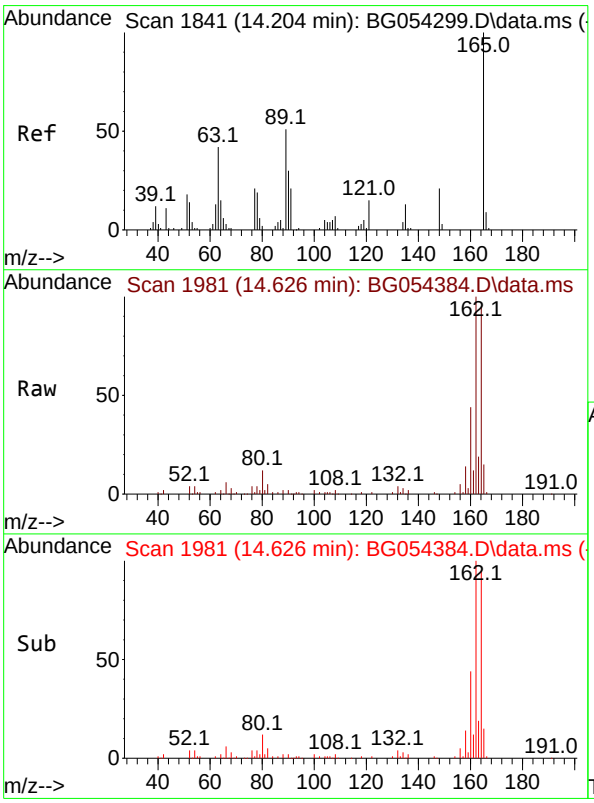
#45
2-Fluorobiphenyl
Concen: 19.170 ng
RT: 13.245 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:172 Resp: 91918

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.8	18.9	28.3

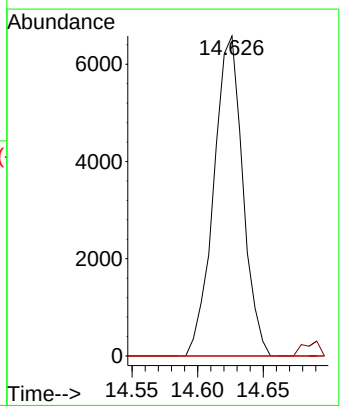


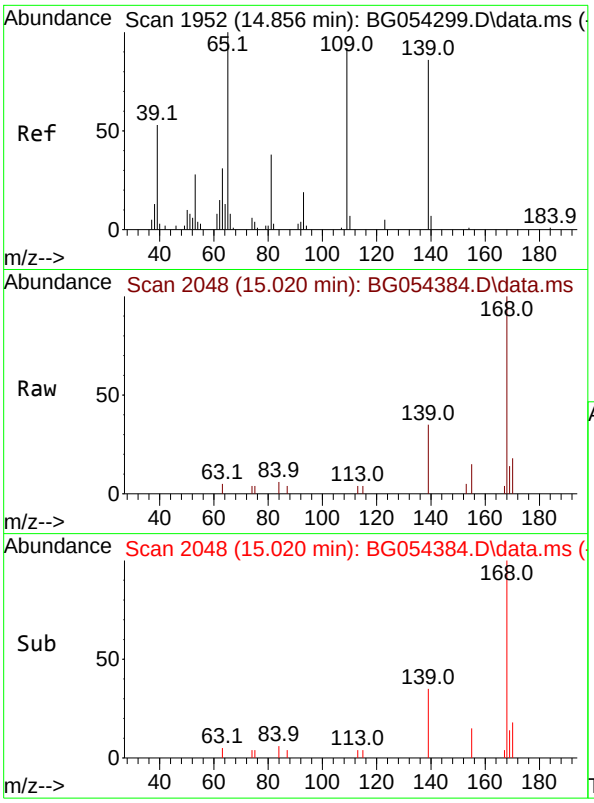


#51
2,6-Dinitrotoluene
Concen: 8.751 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.422 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:165 Resp: 10141

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



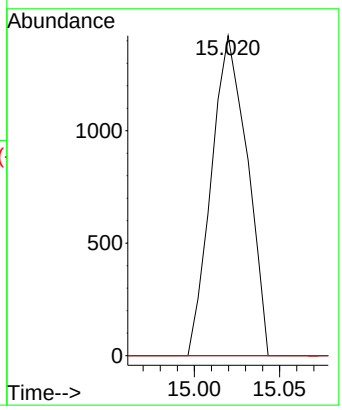


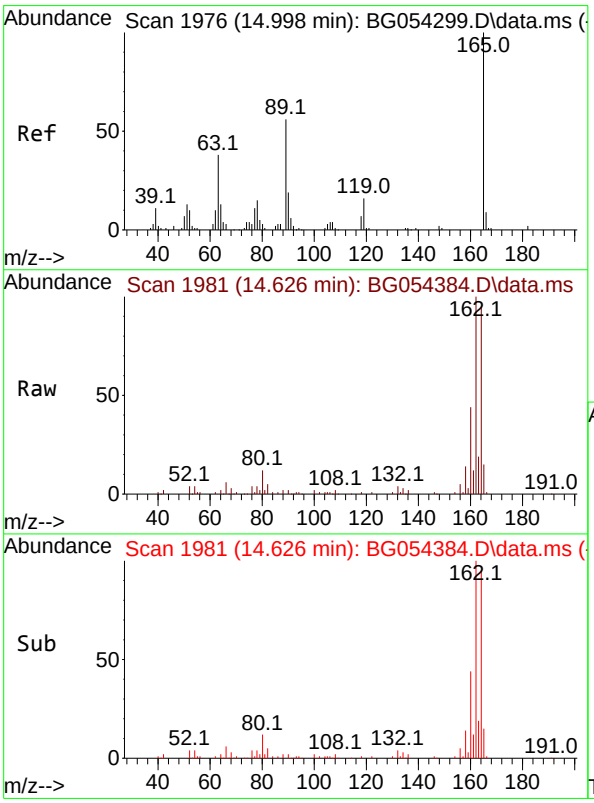
#56
4-Nitrophenol
Concen: 3.226 ng
RT: 15.020 min Scan# 2
Delta R.T. 0.164 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:139 Resp: 2086

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

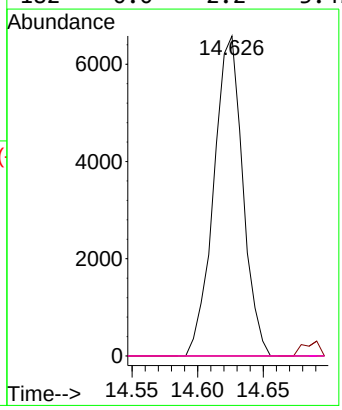


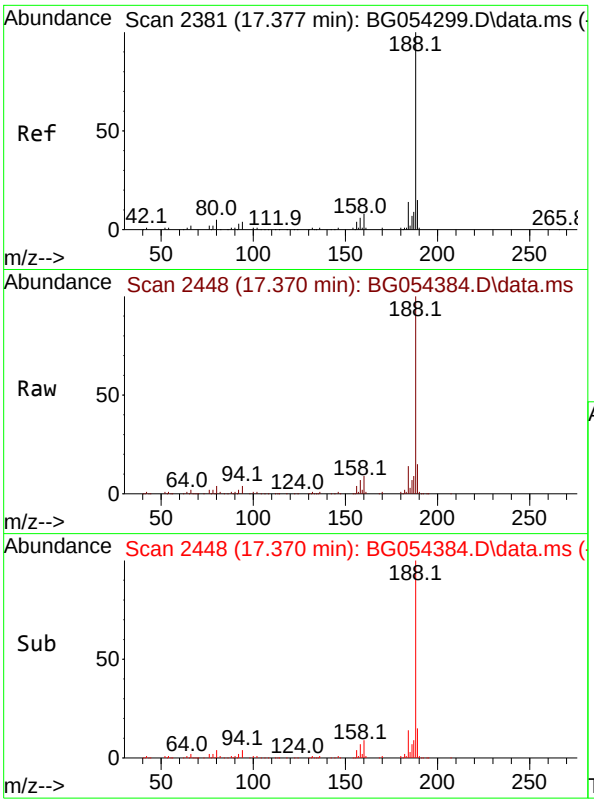


#57
2,4-Dinitrotoluene
Concen: 6.104 ng
RT: 14.626 min Scan# 1981
Delta R.T. -0.371 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:165 Resp: 10141

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#



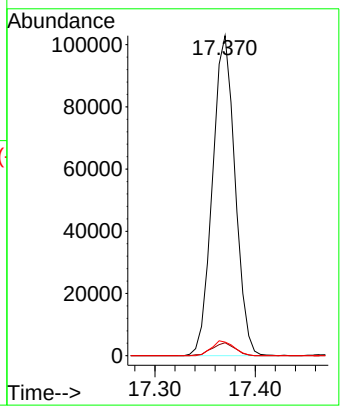


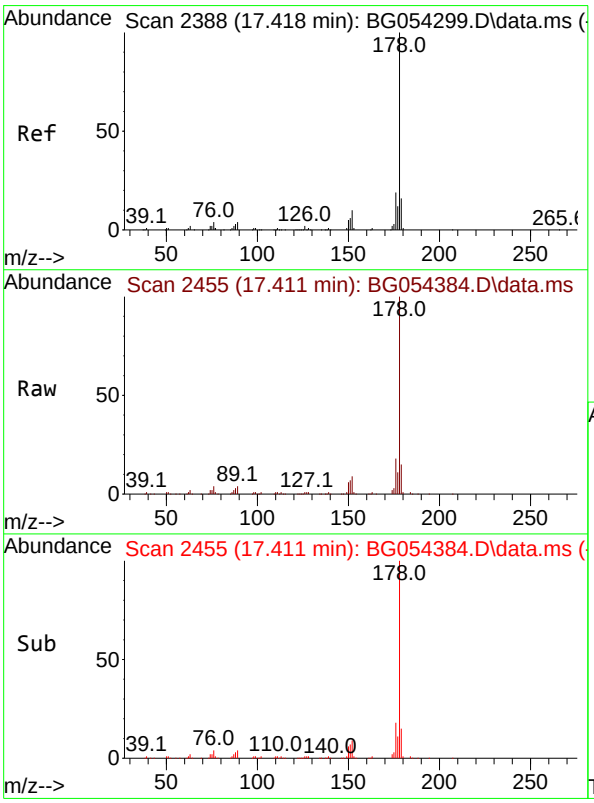
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:188 Resp: 160729

Ion	Ratio	Lower	Upper
188	100		
94	4.0	5.4	8.0#
80	4.3	6.8	10.2#

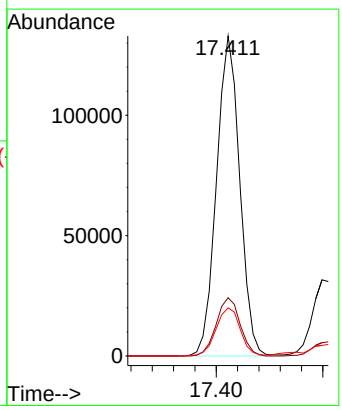


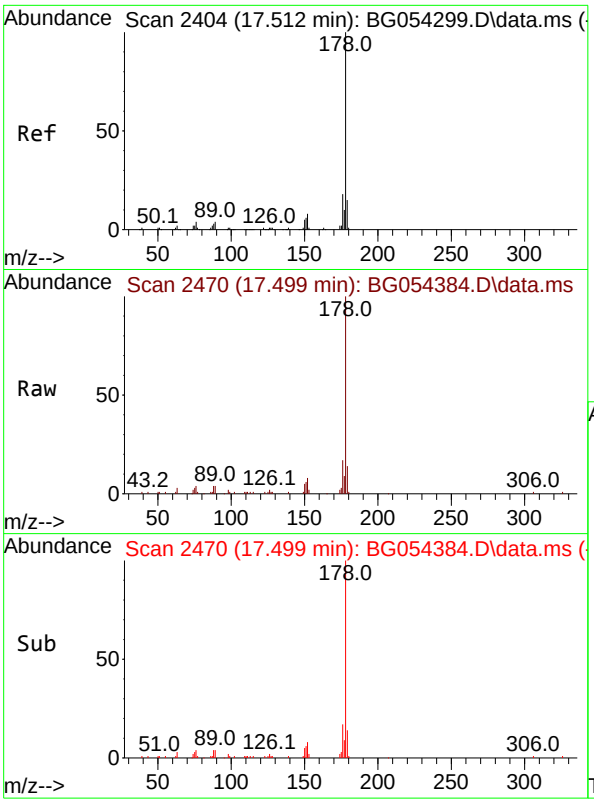


#71
Phenanthrene
Concen: 25.088 ng
RT: 17.411 min Scan# 2455
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:178 Resp: 200809

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.1	21.1
179	15.1	12.1	18.1



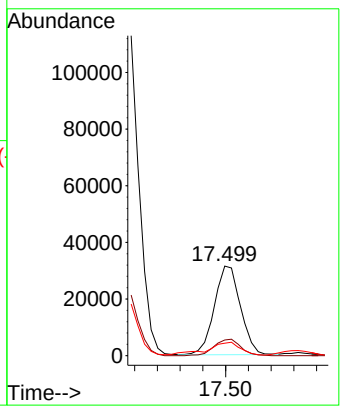


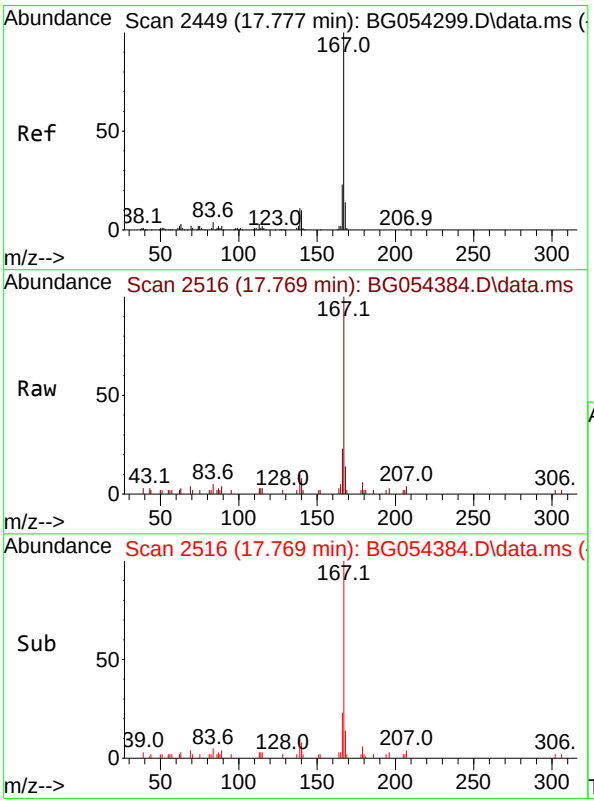
#72
Anthracene
Concen: 6.342 ng
RT: 17.499 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:178 Resp: 49816

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	13.9	13.0	19.4

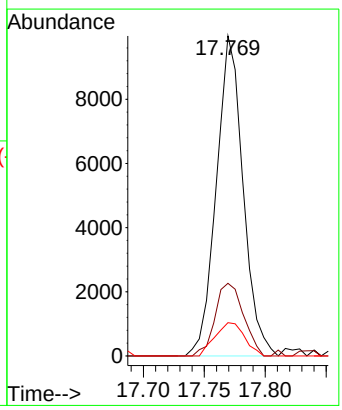


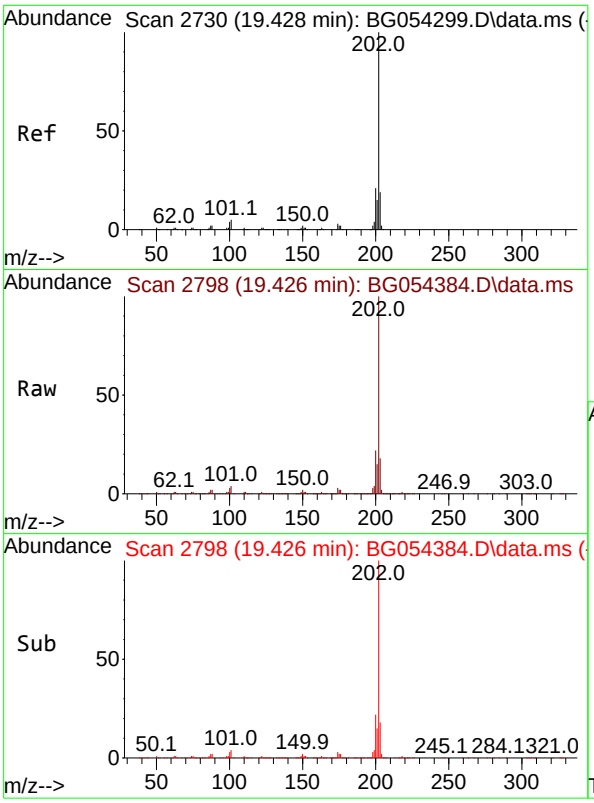


#73
Carbazole
Concen: 2.355 ng
RT: 17.769 min Scan# 2516
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:167 Resp: 15226

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	10.4	10.1	15.1



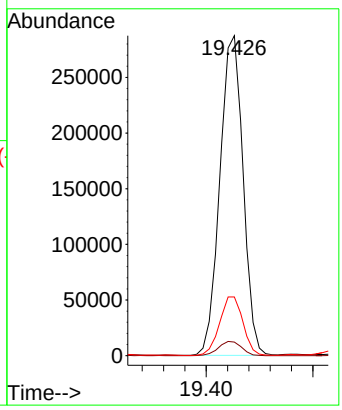


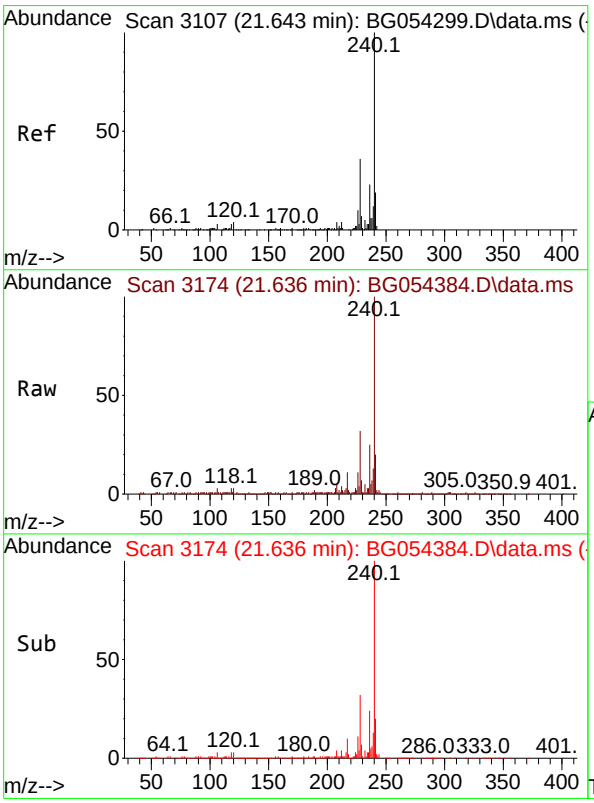
#75
Fluoranthene
Concen: 39.754 ng
RT: 19.426 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:202 Resp: 433762

Ion	Ratio	Lower	Upper
202	100		
101	4.2	0.0	26.9
203	18.4	0.0	37.2

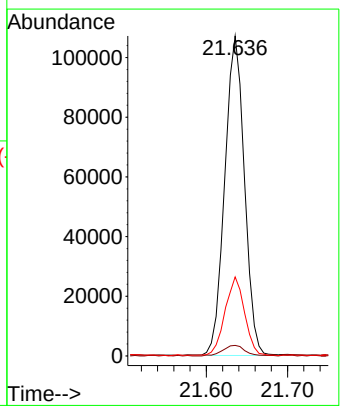


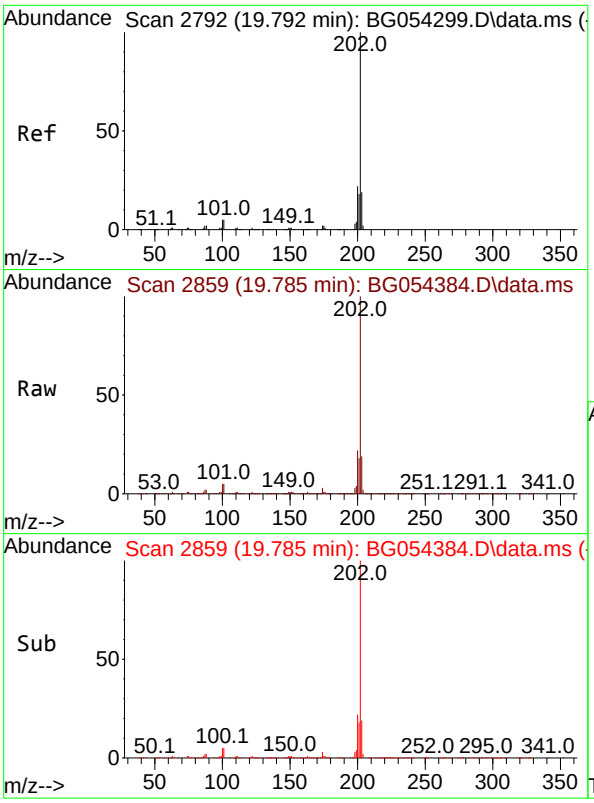


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.008 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:240 Resp: 180130

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	24.7	20.2	30.4



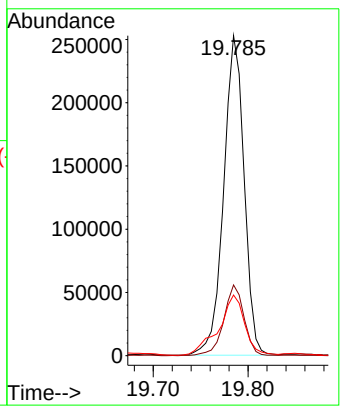


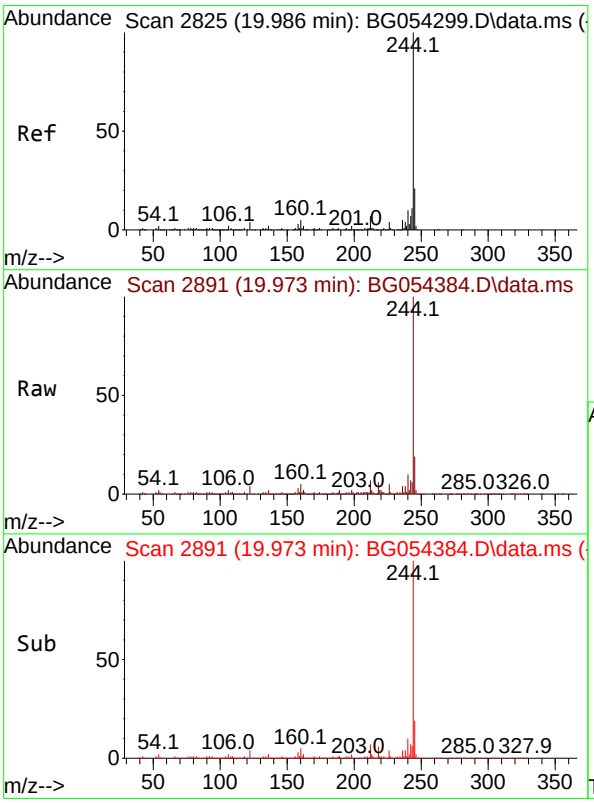
#78
Pyrene
Concen: 36.706 ng
RT: 19.785 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:202 Resp: 379386

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.6	24.8
203	18.9	14.6	21.8

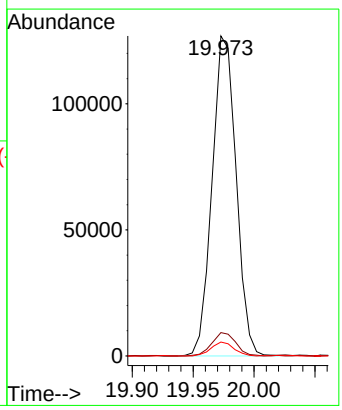


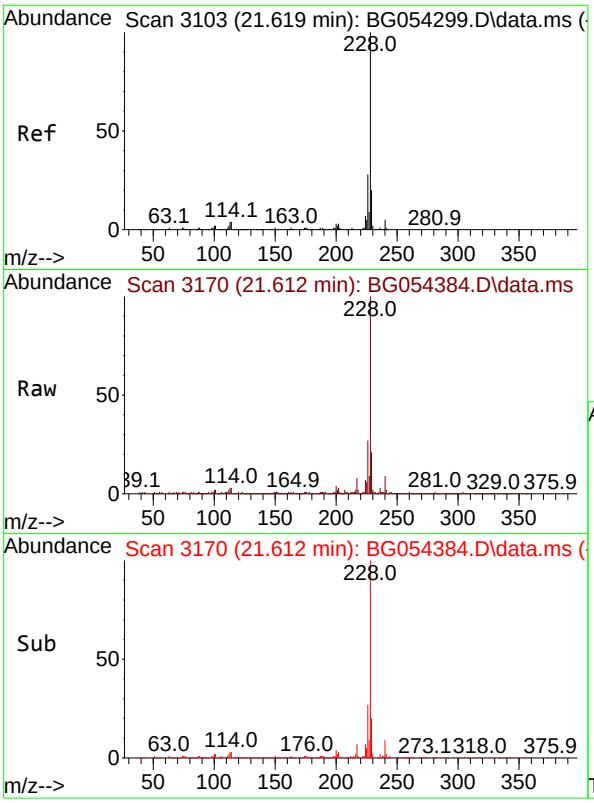


#79
Terphenyl-d14
Concen: 19.185 ng
RT: 19.973 min Scan# 2891
Delta R.T. -0.013 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:244 Resp: 174200

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	4.3	5.0	7.4#



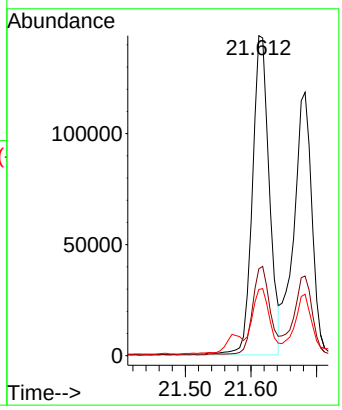


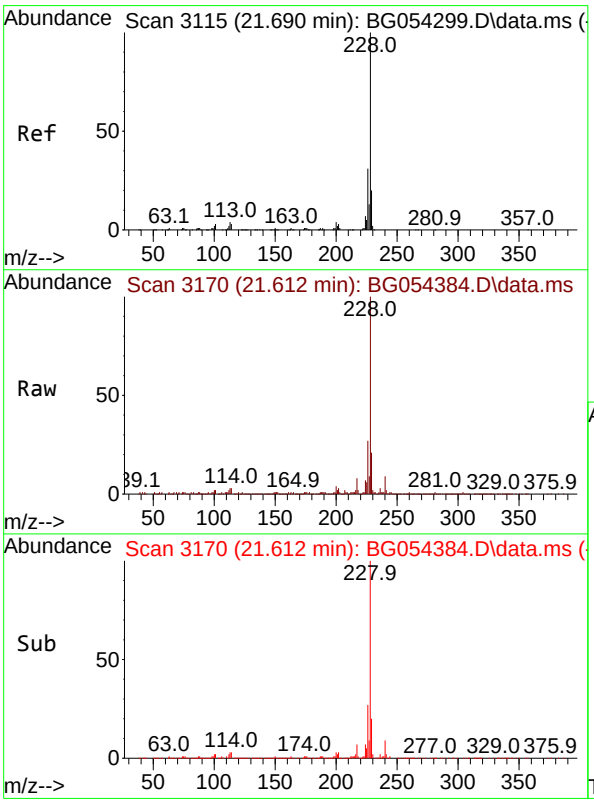
#81
Benzo(a)anthracene
Concen: 22.482 ng
RT: 21.612 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:228 Resp: 257070

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.6	32.4
229	20.7	16.2	24.2

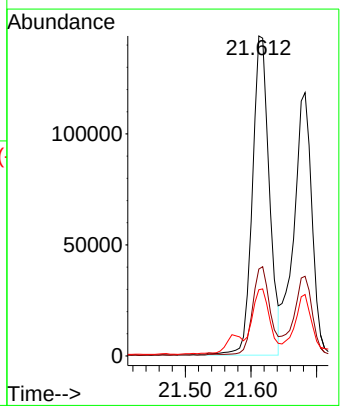


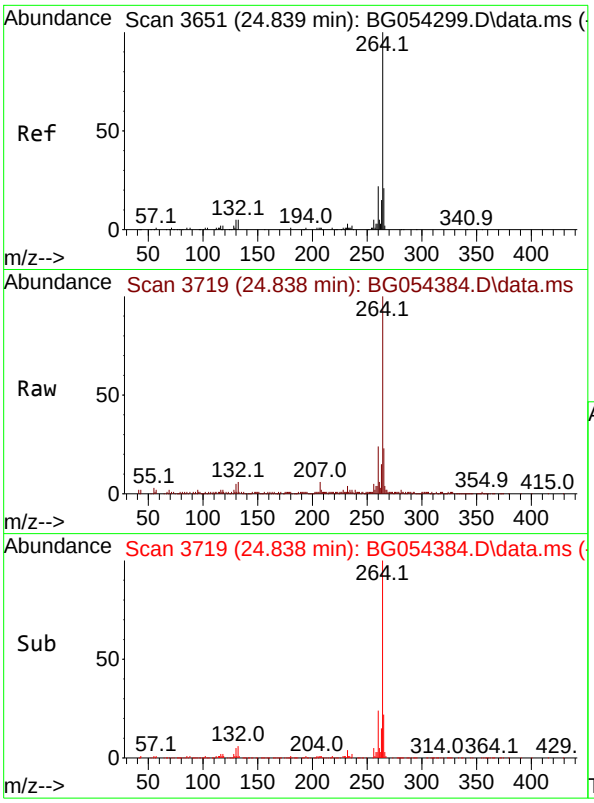


#83
Chrysene
Concen: 23.796 ng
RT: 21.612 min Scan# 3170
Delta R.T. -0.078 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:228 Resp: 257070

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.2
229	20.7	15.5	23.3



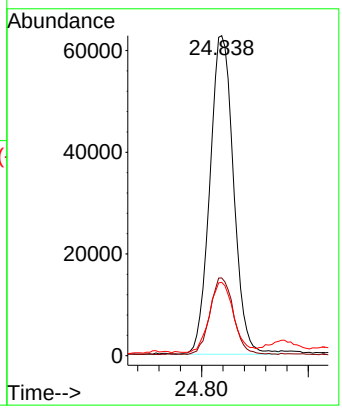


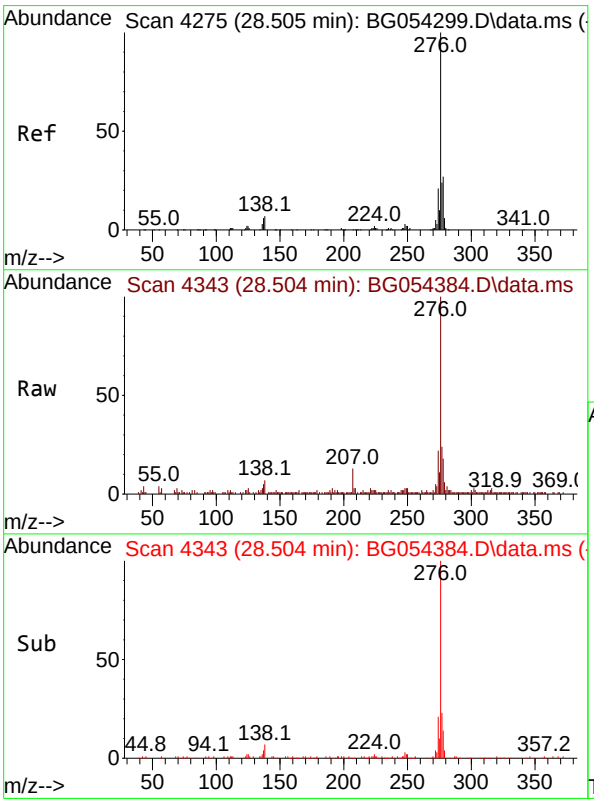
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:264 Resp: 193490

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.9	17.4	26.2

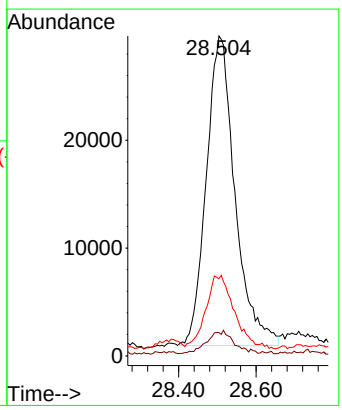


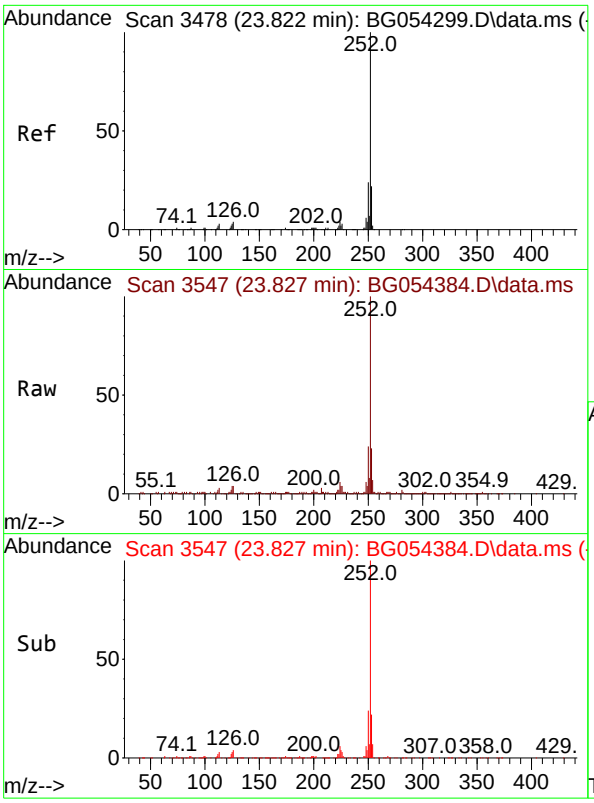


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.033 ng
RT: 28.504 min Scan# 4343
Delta R.T. -0.001 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:276 Resp: 147680

Ion	Ratio	Lower	Upper
276	100		
138	3.8	5.0	7.4#
277	23.6	20.3	30.5



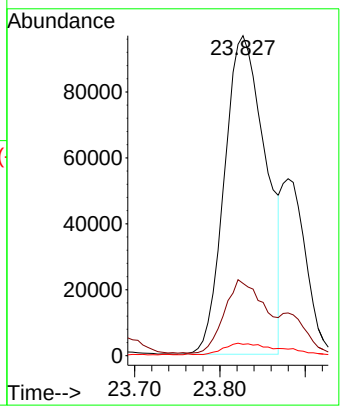


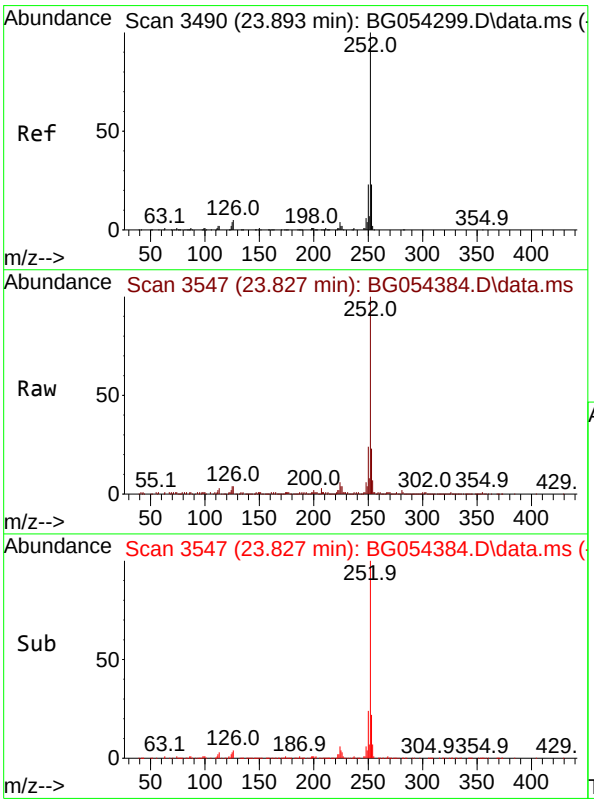
#88
Benzo(b)fluoranthene
Concen: 28.532 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:252 Resp: 326485

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	3.6	4.6	6.8#

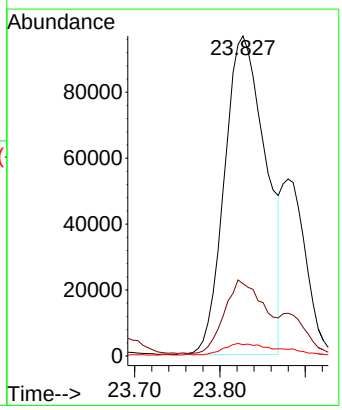


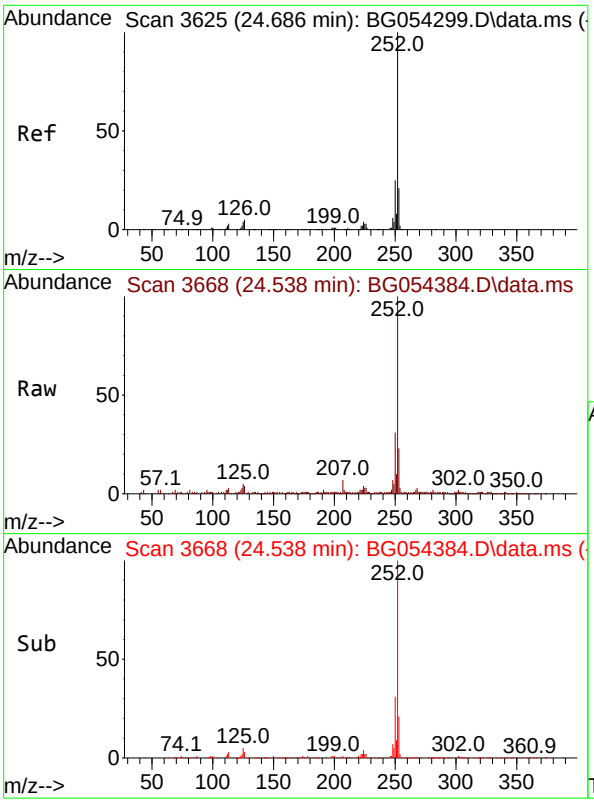


#89
Benzo(k)fluoranthene
Concen: 28.669 ng
RT: 23.827 min Scan# 3547
Delta R.T. -0.066 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:252 Resp: 326485

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	3.6	4.8	7.2#



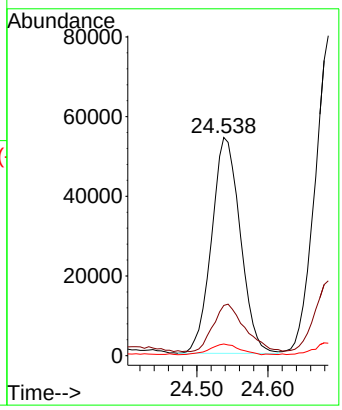


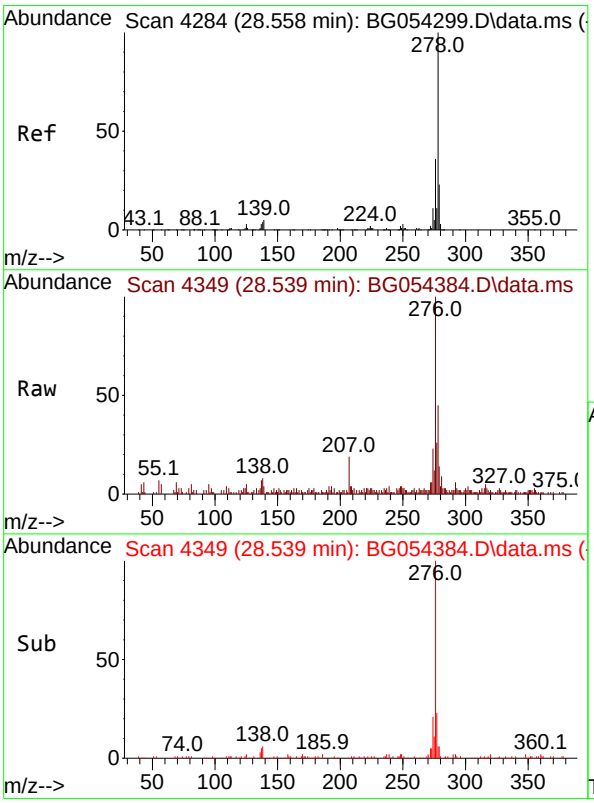
#90
Benzo(a)pyrene
Concen: 15.518 ng
RT: 24.538 min Scan# 3
Delta R.T. -0.148 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:252 Resp: 151648

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	5.4	4.3	6.5

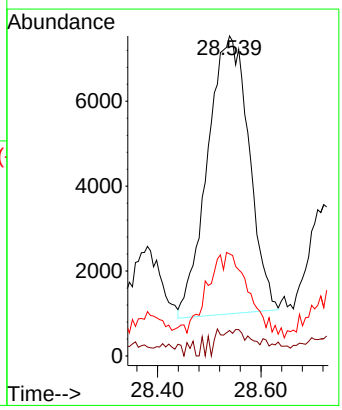


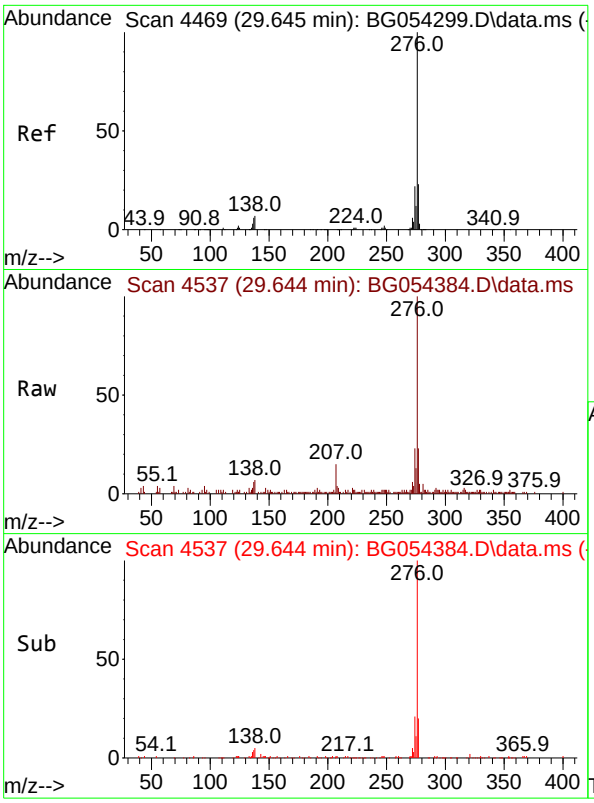


#91
Dibenzo(a,h)anthracene
Concen: 3.010 ng
RT: 28.539 min Scan# 4349
Delta R.T. -0.019 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Tgt Ion:278 Resp: 36432

Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.2	10.8
279	31.9	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 10.926 ng
RT: 29.644 min Scan# 4
Delta R.T. -0.001 min
Lab File: BG054384.D
Acq: 25 Jul 2022 17:59

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1(0-5)RE

Tgt Ion:276 Resp: 130527

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.3	25.9
138	6.5	9.6	14.4#