Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
Acq On : 31 Aug 2022 18:06
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Time: Sep 01 05:04:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	53023	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	224488	20.000	ng	0.00
39) Acenaphthene-d10	14.784	164	144653	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	299008	20.000	ng	0.00
76) Chrysene-d12	21.823	240	267096	20.000	ng	0.00
86) Perylene-d12	25.195	264	285039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	141016	46.312	ng	0.00
7) Phenol-d6	7.298	99	425211	102.112	ng	0.00
23) Nitrobenzene-d5	9.325	82	365002	85.356	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	57443	31.780	ng	0.00
45) 2-Fluorobiphenyl	13.409	172	880844	91.524	ng	0.00
79) Terphenyl-d14	20.130	244	1231552	91.360	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.325	70	46949	16.395	ng	# 78
51) 2,6-Dinitrotoluene	14.784	165	19222	8.433	ng	# 22
56) 4-Nitrophenol	15.177	139	4400	2.228	ng	# 10
57) 2,4-Dinitrotoluene	14.784	165	19222	6.097	ng	# 19
71) Phenanthrene	17.569	178	163208	10.246	ng	98
72) Anthracene	17.663	178	37823	2.442	ng	99
75) Fluoranthene	19.578	202	251952	13.003	ng	97
77) Benzidine	20.130	184	19990	3.022	ng	# 92
78) Pyrene	19.936	202	236075	12.676	ng	99
81) Benzo(a)anthracene	21.805	228	116987	6.460	ng	99
83) Chrysene	21.870	228	102828	5.938	ng	97
87) Indeno(1,2,3-cd)pyrene	29.079	276	55310	2.556	ng	# 91
88) Benzo(b)fluoranthene	24.126	252	127168	7.112	ng	# 95
89) Benzo(k)fluoranthene	24.126	252	127168	7.067	ng	# 95
90) Benzo(a)pyrene	25.036	252	84841	5.554	ng	98
92) Benzo(g,h,i)perylene	30.283	276	56856	3.192	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054811.D
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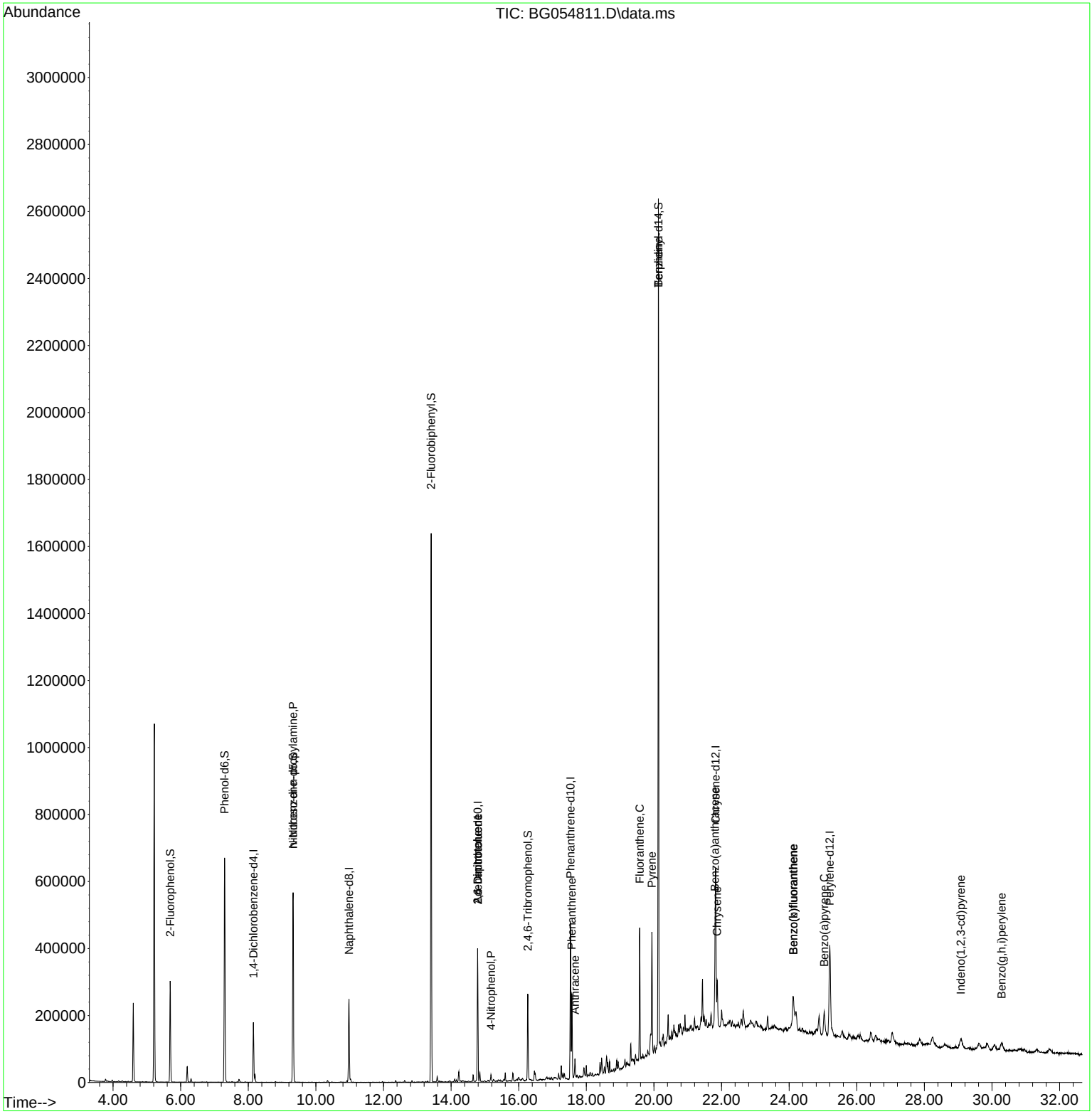
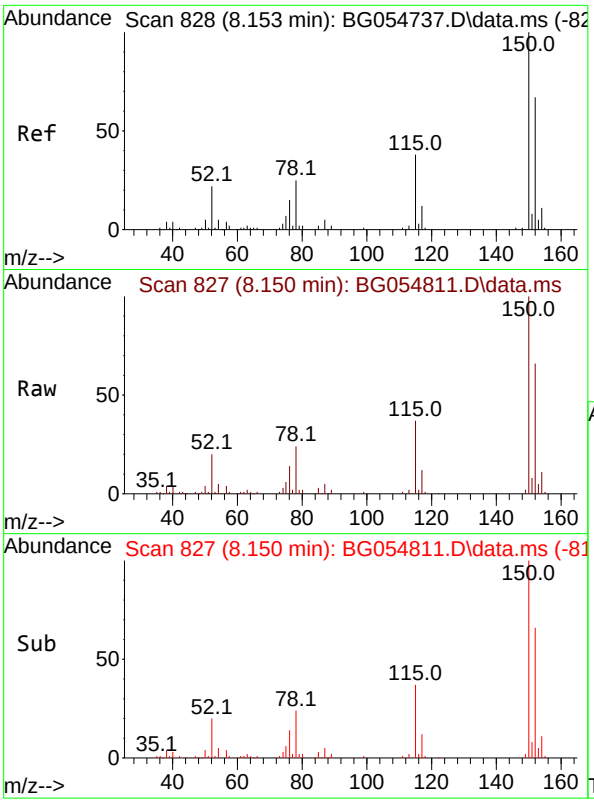
Operator : CG/JU
Sample : N4430-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Quant Time: Sep 01 05:04:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration



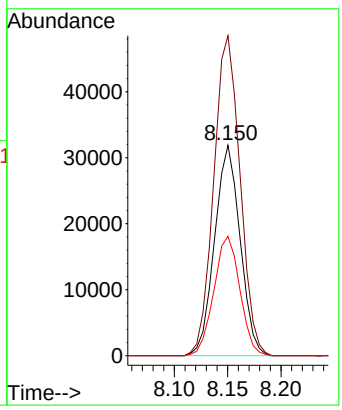


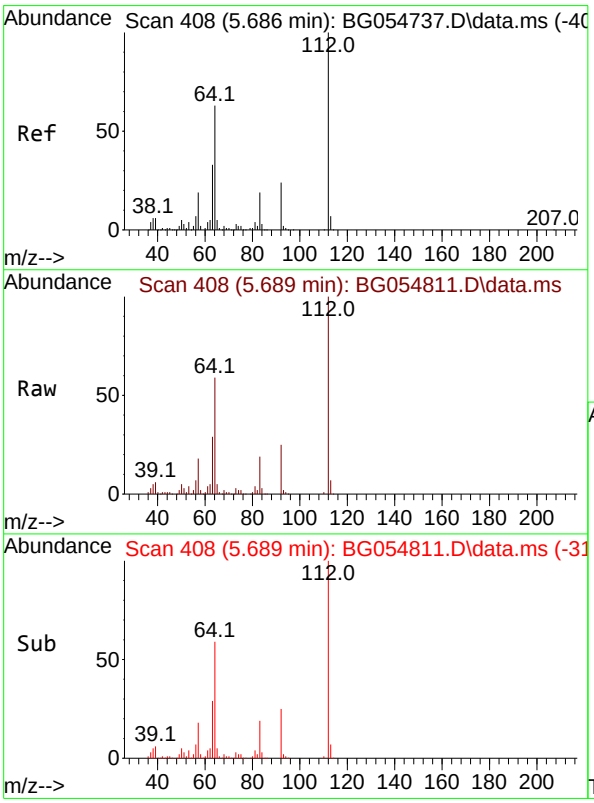
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:152 Resp: 53023

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.2	187.8
115	56.7	47.9	71.9

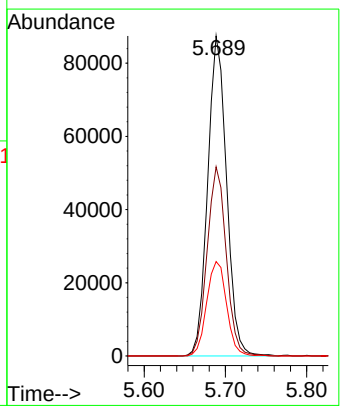


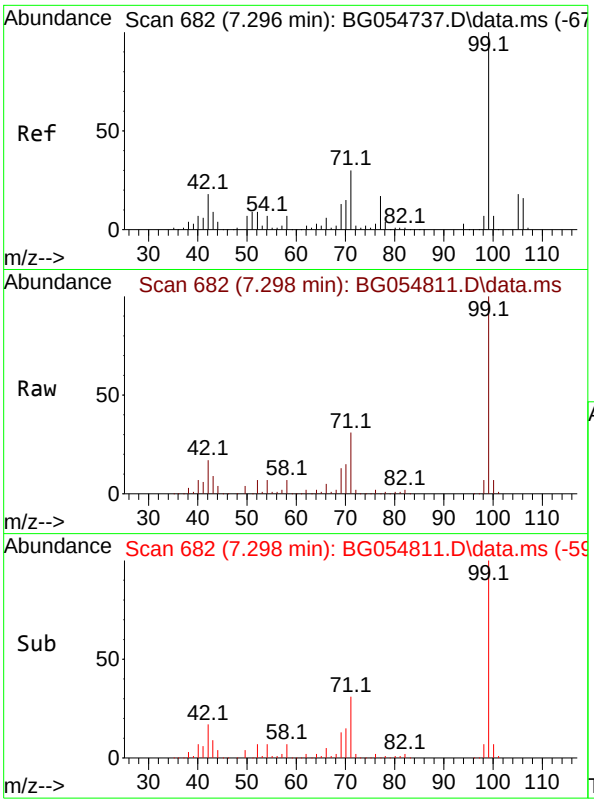


#5
2-Fluorophenol
Concen: 46.312 ng
RT: 5.689 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:112 Resp: 141016

Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.3	73.9
63	29.5	26.3	39.5



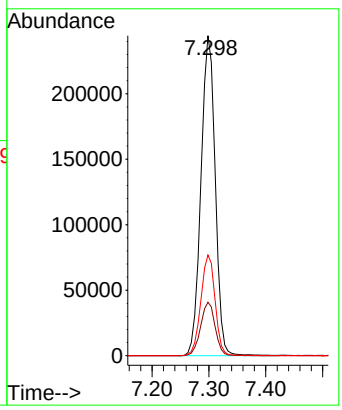


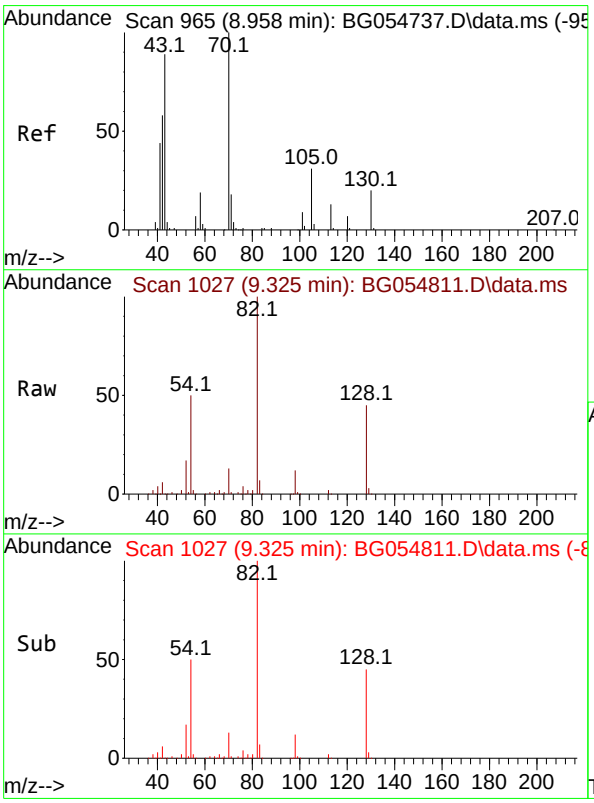
#7
Phenol-d6
Concen: 102.112 ng
RT: 7.298 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion: 99 Resp: 425211

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.6	22.0
71	31.4	24.6	37.0

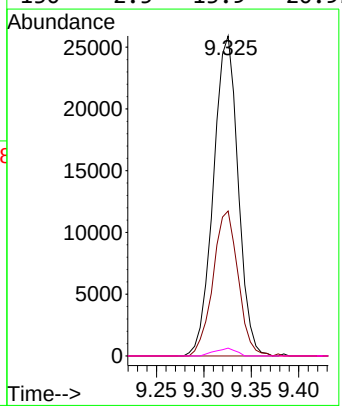


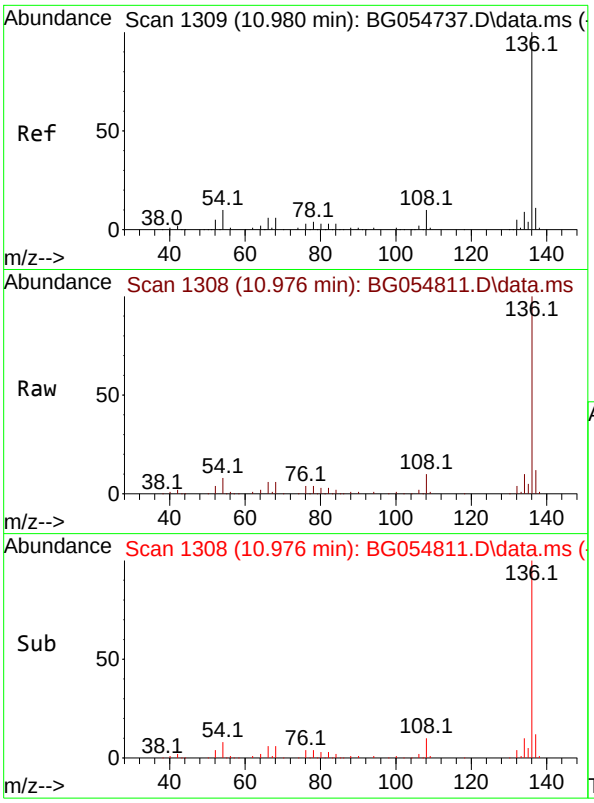


#19
n-Nitroso-di-n-propylamine
Concen: 16.395 ng
RT: 9.325 min Scan# 1027
Delta R.T. 0.367 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion: 70 Resp: 46949

Ion	Ratio	Lower	Upper
70	100		
42	45.3	46.6	69.8#
101	0.0	7.7	11.5#
130	2.5	13.9	20.9#



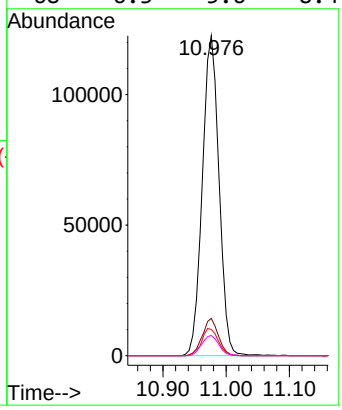


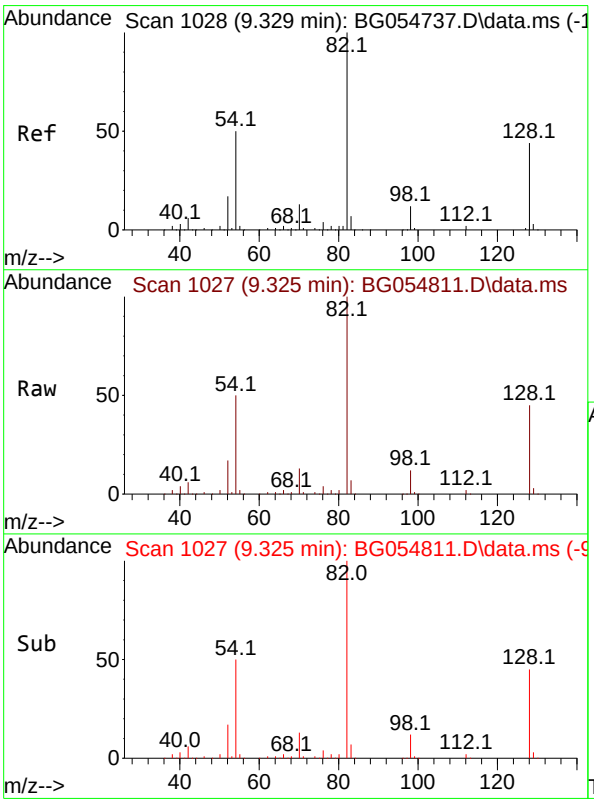
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:136 Resp: 224488

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.2	7.7	11.5
68	6.3	5.6	8.4

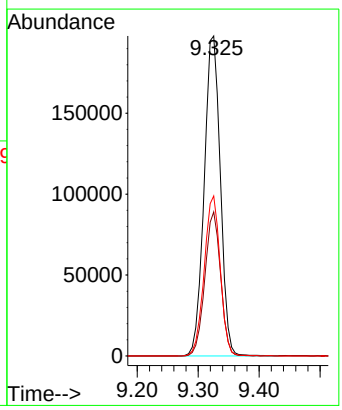


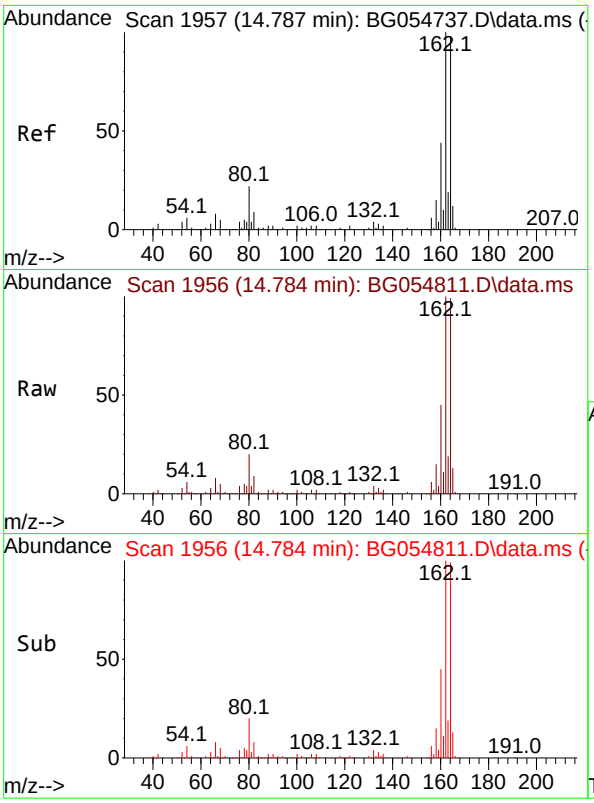


#23
Nitrobenzene-d5
Concen: 85.356 ng
RT: 9.325 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion: 82 Resp: 365002

Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.2	48.2
54	50.0	41.4	62.0



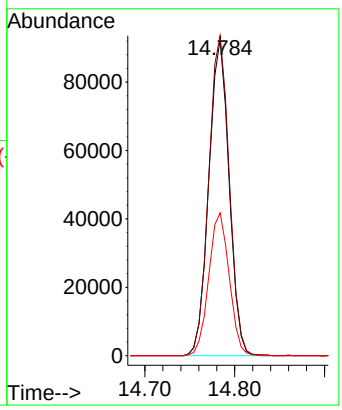


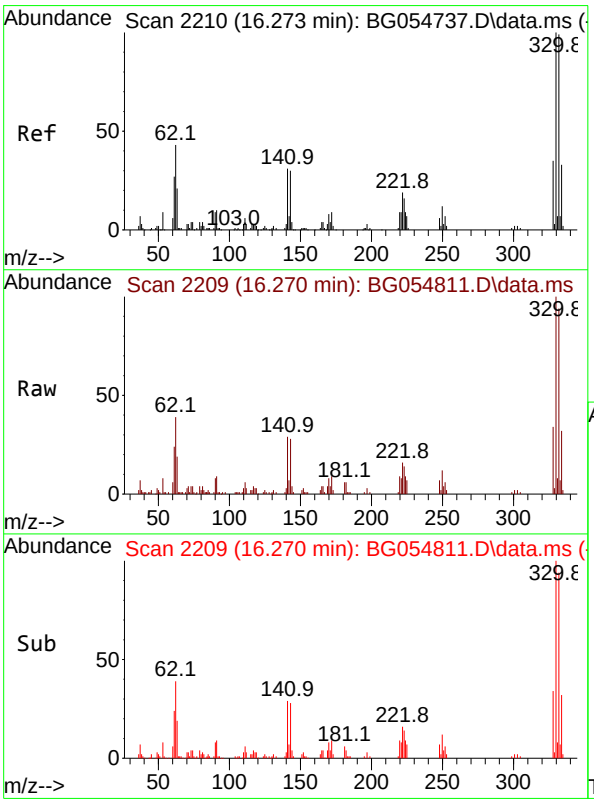
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:164 Resp: 144653

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.4
160	45.2	38.0	57.0

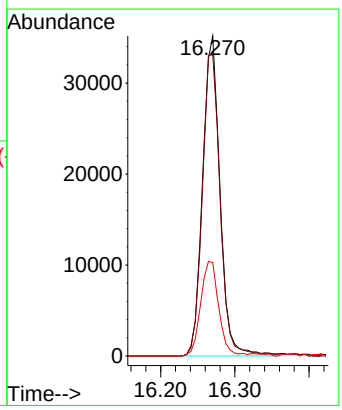


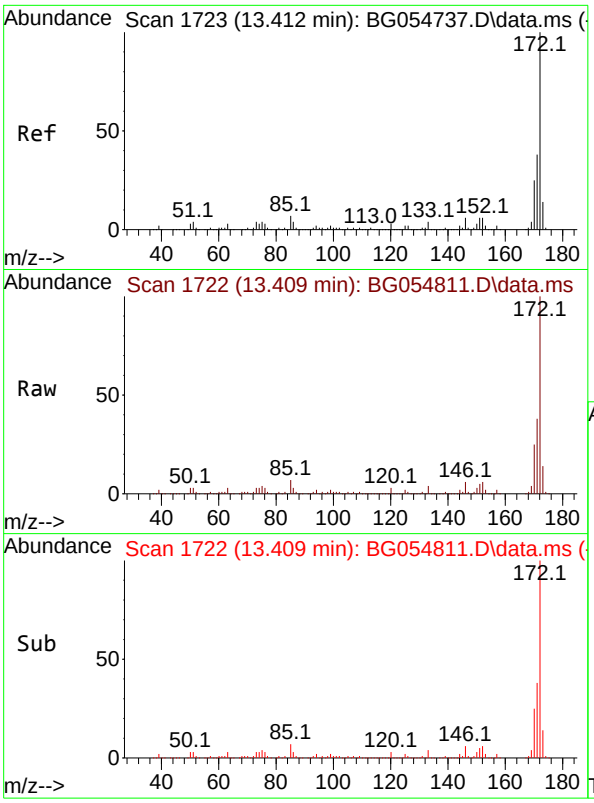


#42
2,4,6-Tribromophenol
Concen: 31.780 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:330 Resp: 57443

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.8	119.6
141	30.6	26.8	40.2



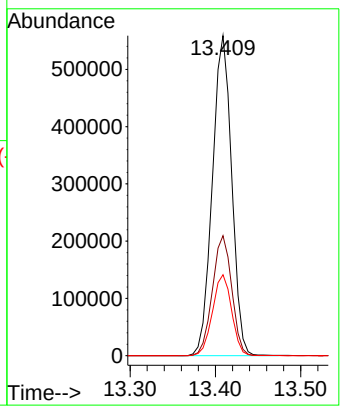


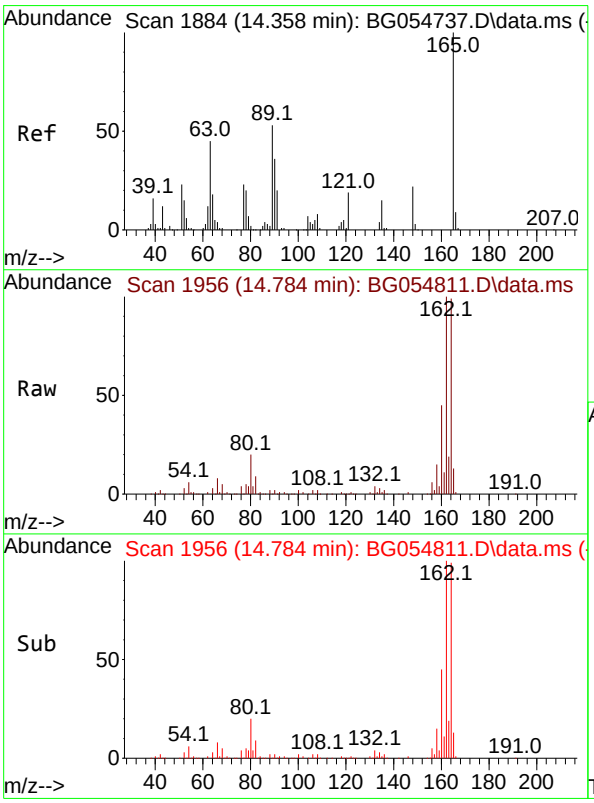
#45
2-Fluorobiphenyl
Concen: 91.524 ng
RT: 13.409 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:172 Resp: 880844

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.2	46.8
170	25.3	20.6	30.8

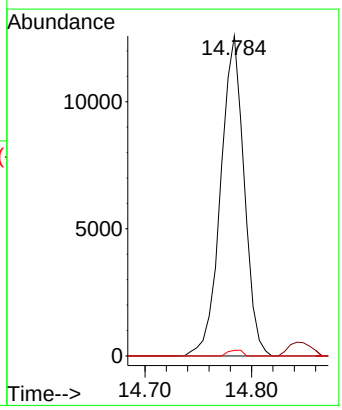


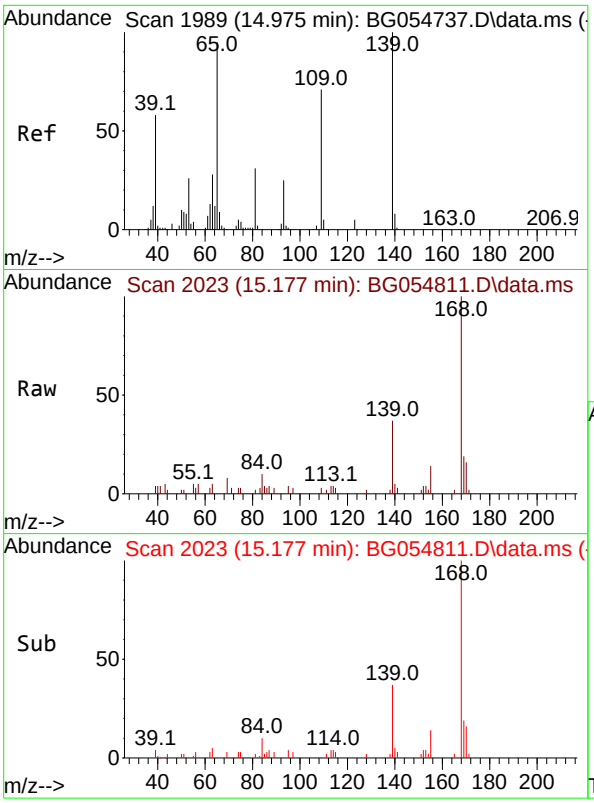


#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 14.784 min Scan# 1956
Delta R.T. 0.426 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:165 Resp: 19222

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.7	50.3	75.5#



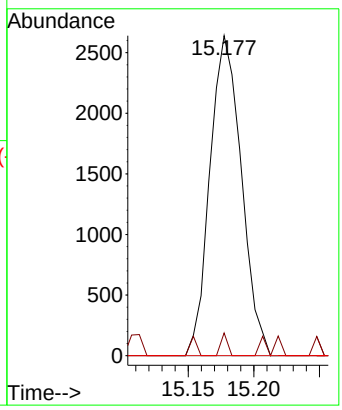


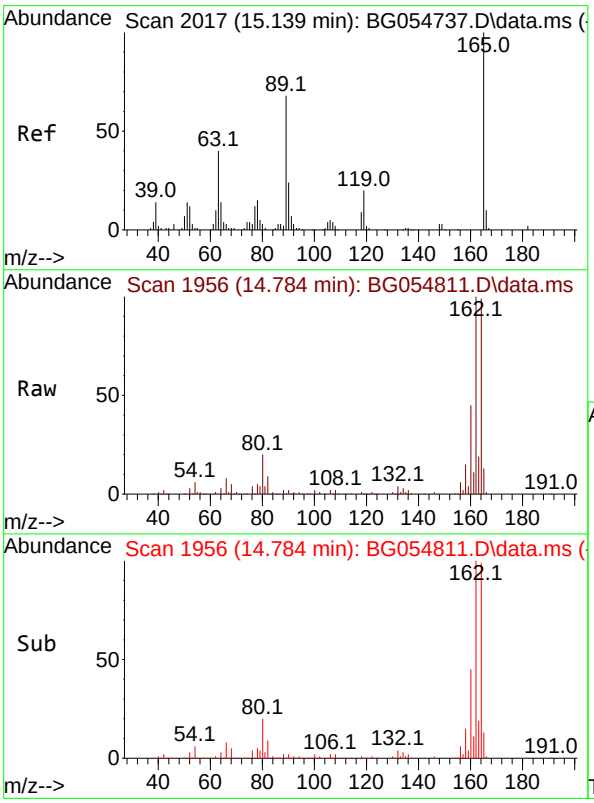
#56
4-Nitrophenol
Concen: 2.228 ng
RT: 15.177 min Scan# 2
Delta R.T. 0.202 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:139 Resp: 4400

Ion	Ratio	Lower	Upper
139	100		
109	7.1	50.5	90.5#
65	0.0	79.9	119.9#

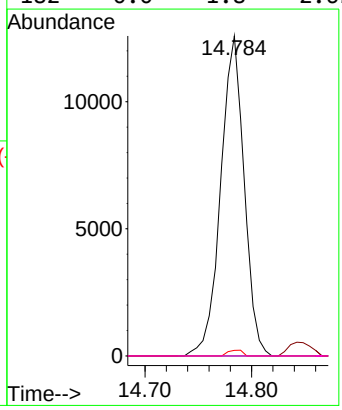


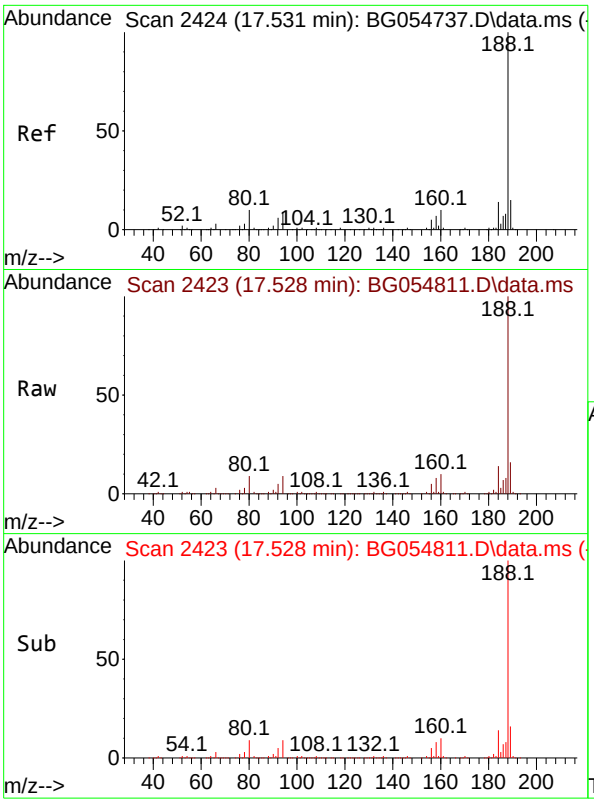


#57
2,4-Dinitrotoluene
Concen: 6.097 ng
RT: 14.784 min Scan# 1956
Delta R.T. -0.356 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:165 Resp: 19222

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	1.7	64.3	96.5#
182	0.0	1.8	2.6#



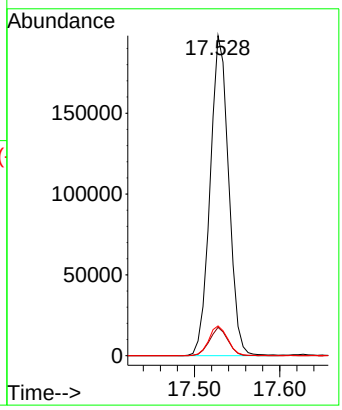


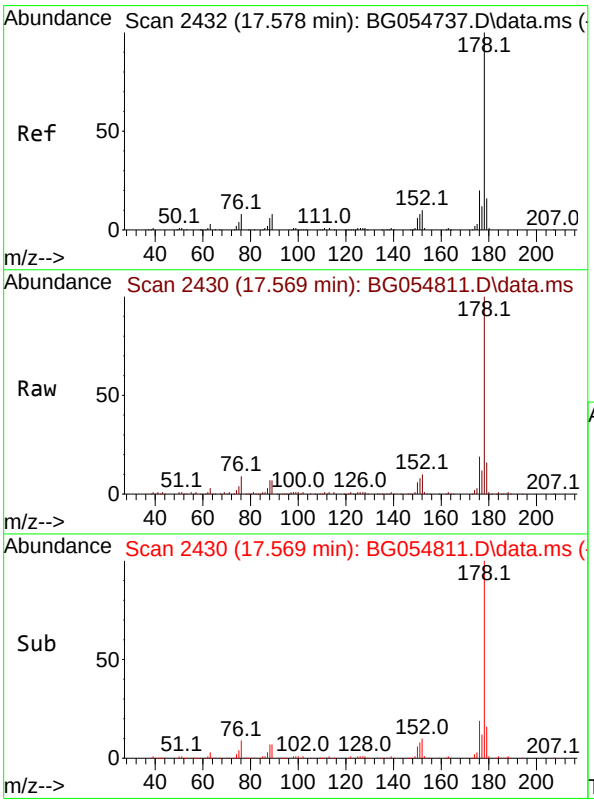
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:188 Resp: 299008

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.3	7.9	11.9

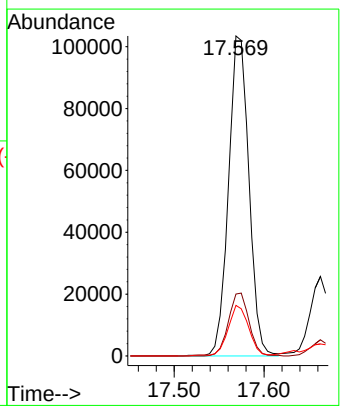


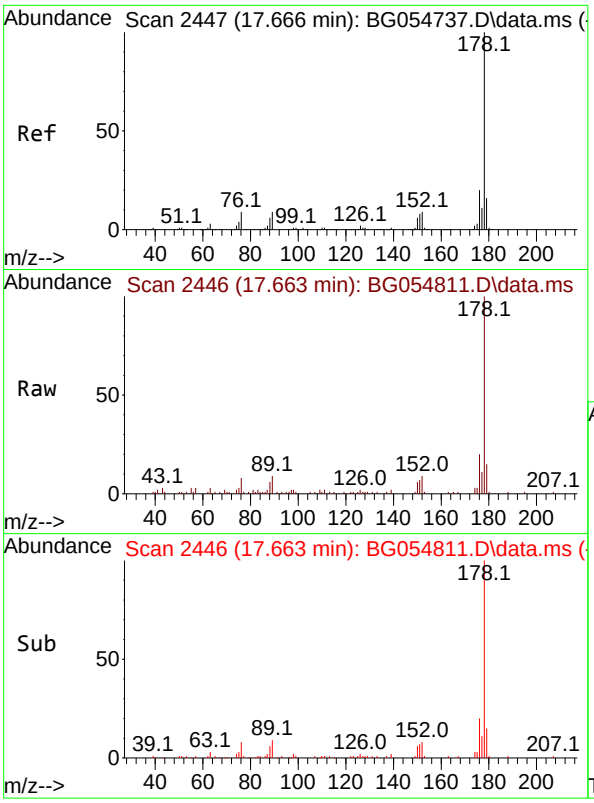


#71
Phenanthrene
Concen: 10.246 ng
RT: 17.569 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:178 Resp: 163208

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.8	12.8	19.2



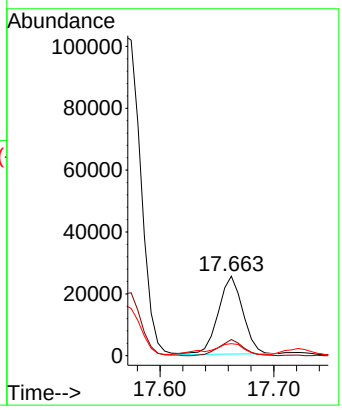


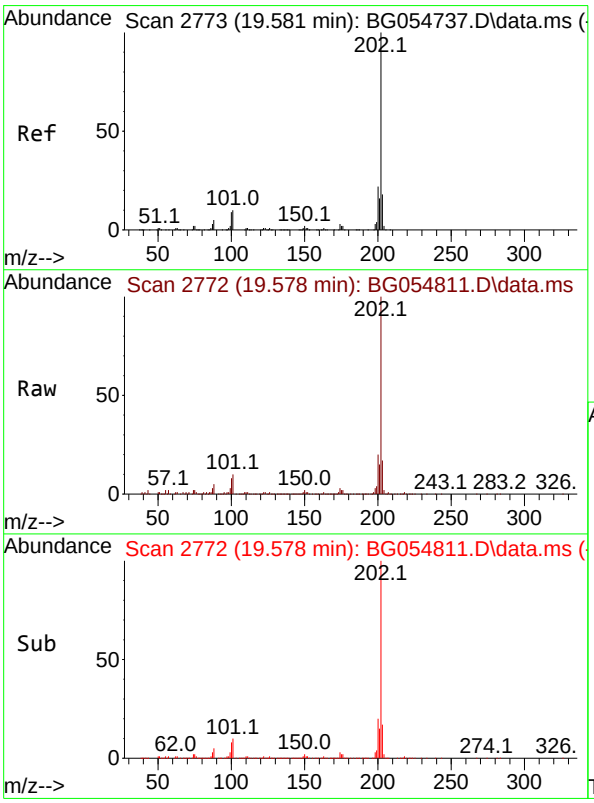
#72
Anthracene
Concen: 2.442 ng
RT: 17.663 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:178 Resp: 37823

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.1	12.9	19.3

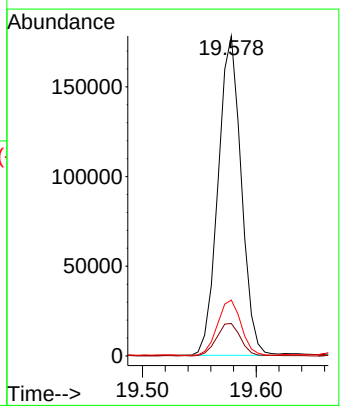


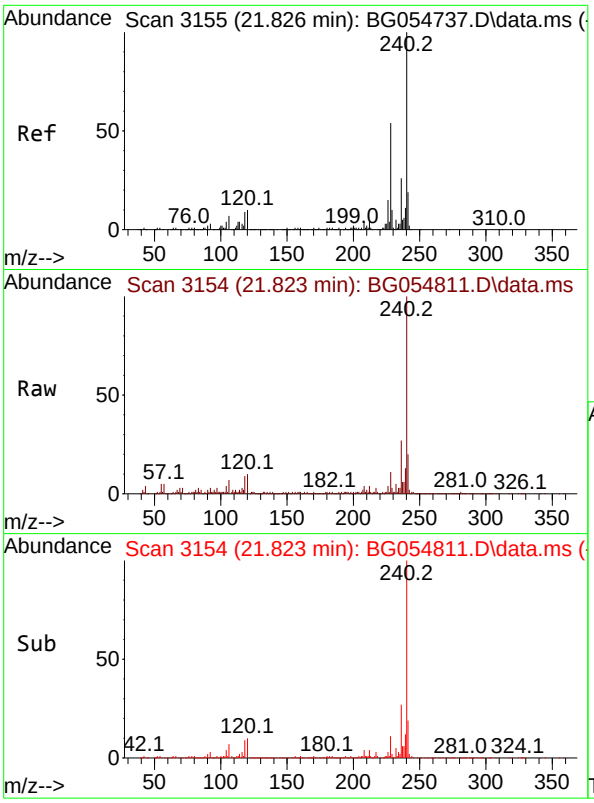


#75
Fluoranthene
Concen: 13.003 ng
RT: 19.578 min Scan# 2772
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:202 Resp: 251952

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.4	0.0	38.6



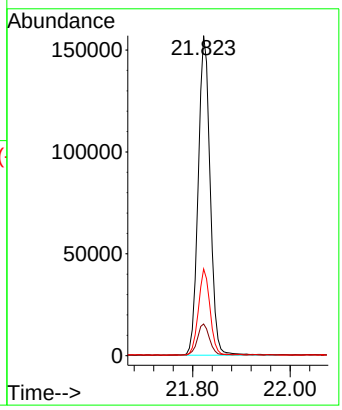


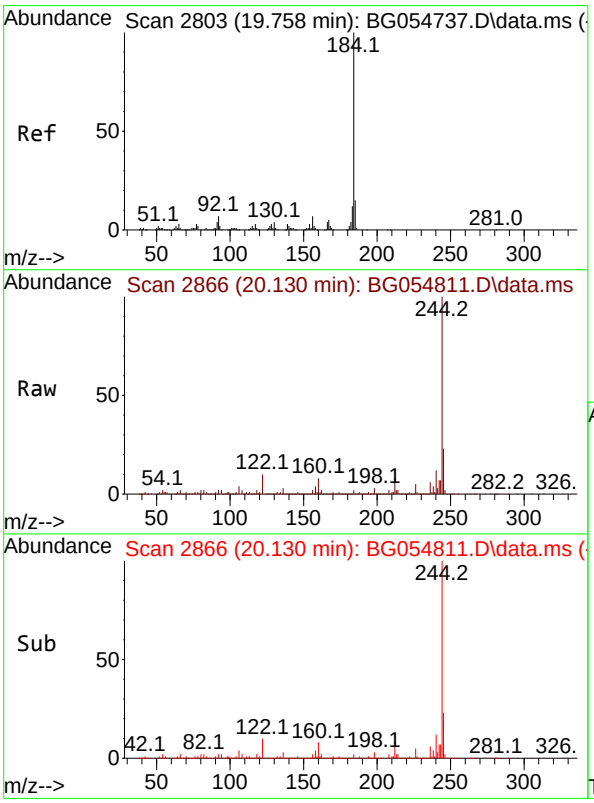
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.823 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:240 Resp: 267096

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.4
236	27.1	21.2	31.8

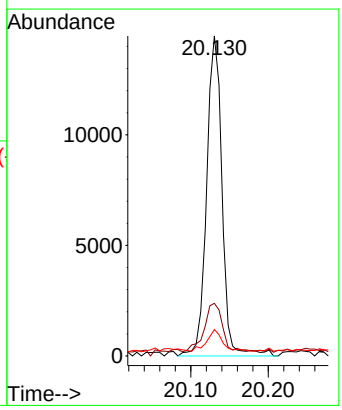


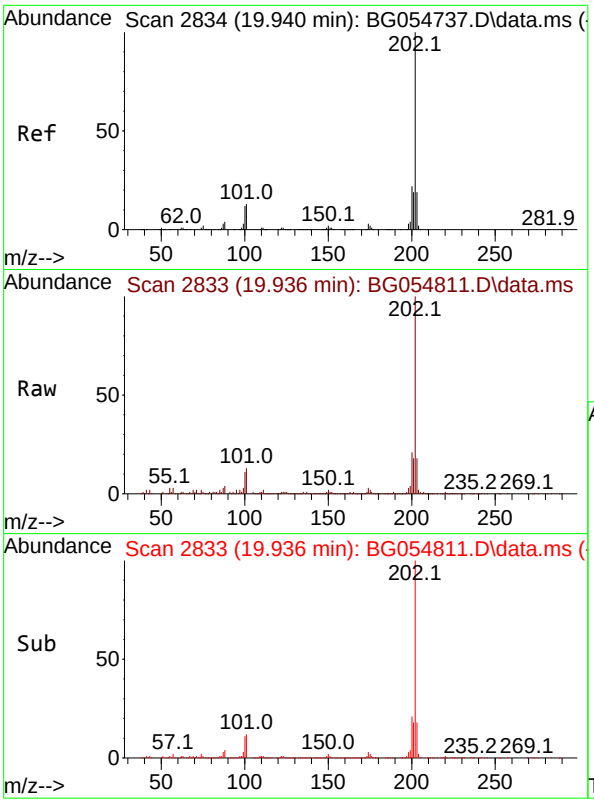


#77
Benzidine
Concen: 3.022 ng
RT: 20.130 min Scan# 2866
Delta R.T. 0.373 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:184 Resp: 19990

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.4	17.0
183	8.2	9.8	14.8#



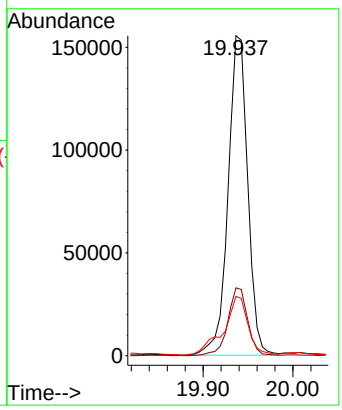


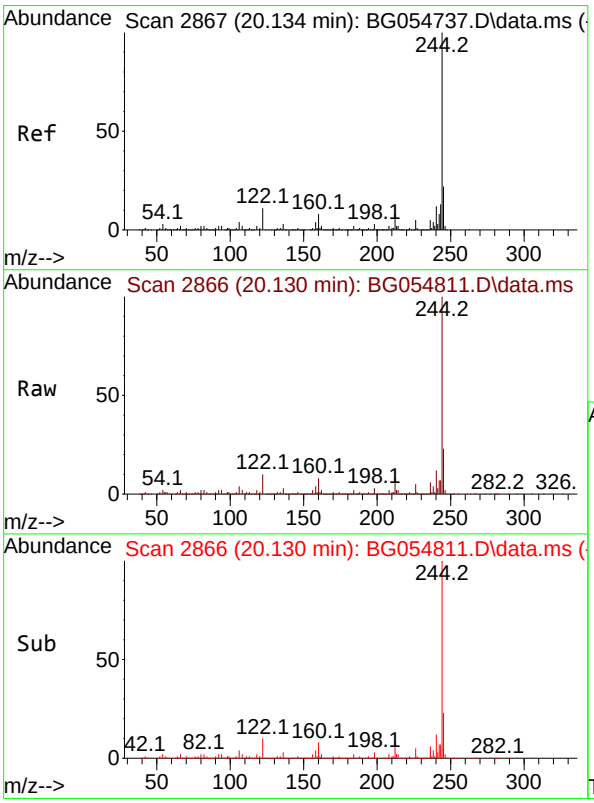
#78
Pyrene
Concen: 12.676 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:202 Resp: 236075

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.5	14.6	21.8

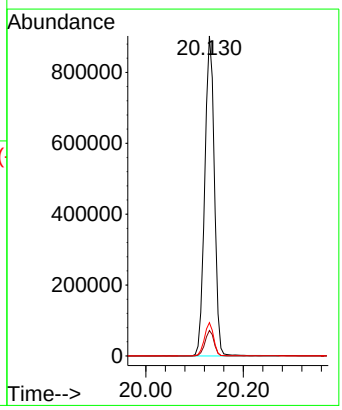


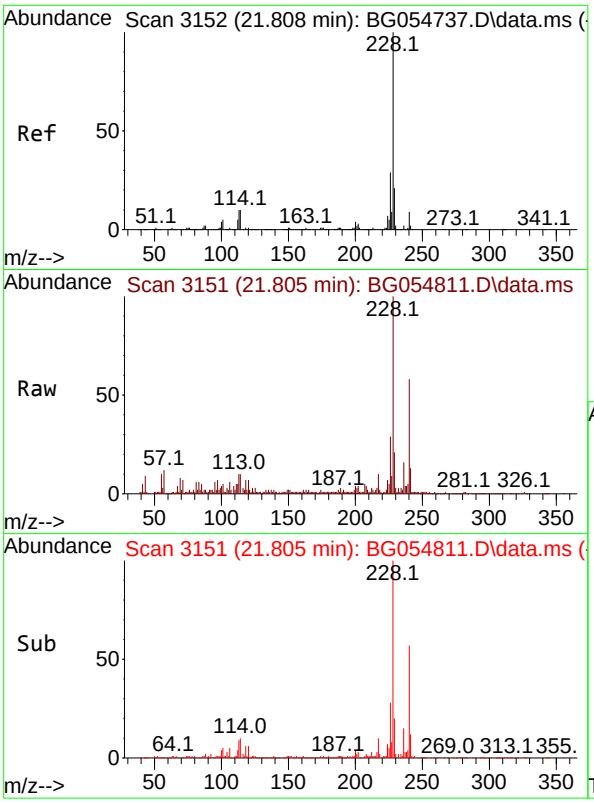


#79
Terphenyl-d14
Concen: 91.360 ng
RT: 20.130 min Scan# 2866
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:244 Resp: 1231552

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.4	9.0	13.6



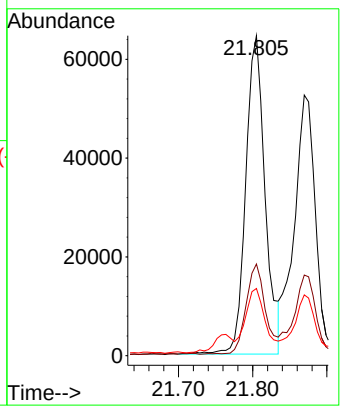


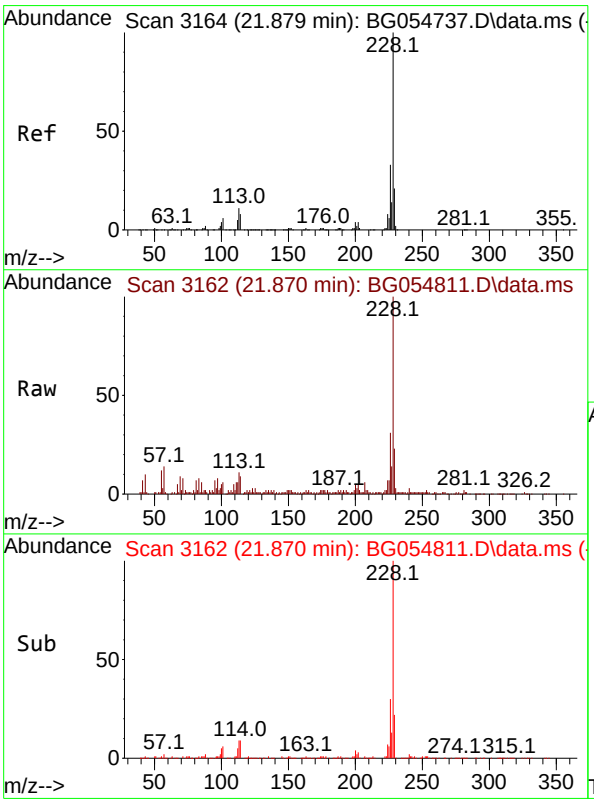
#81
Benzo(a)anthracene
Concen: 6.460 ng
RT: 21.805 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:228 Resp: 116987

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.0	16.5	24.7

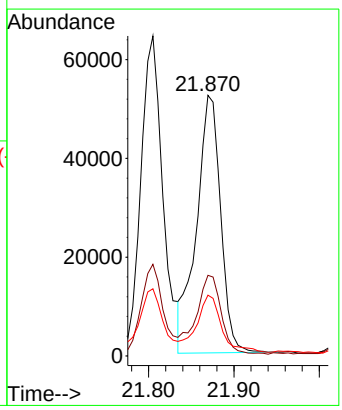


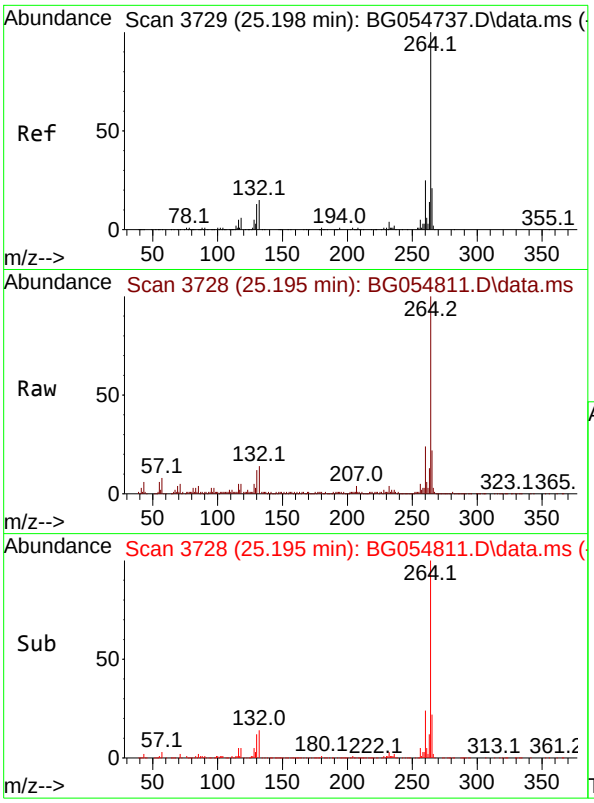


#83
Chrysene
Concen: 5.938 ng
RT: 21.870 min Scan# 3162
Delta R.T. -0.009 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:228 Resp: 102828

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	23.3	16.8	25.2



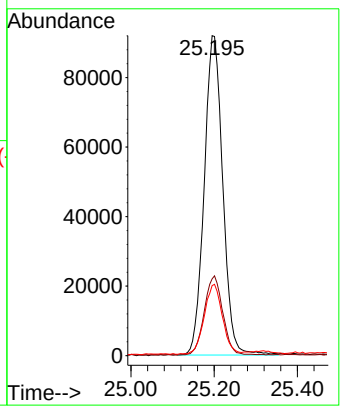


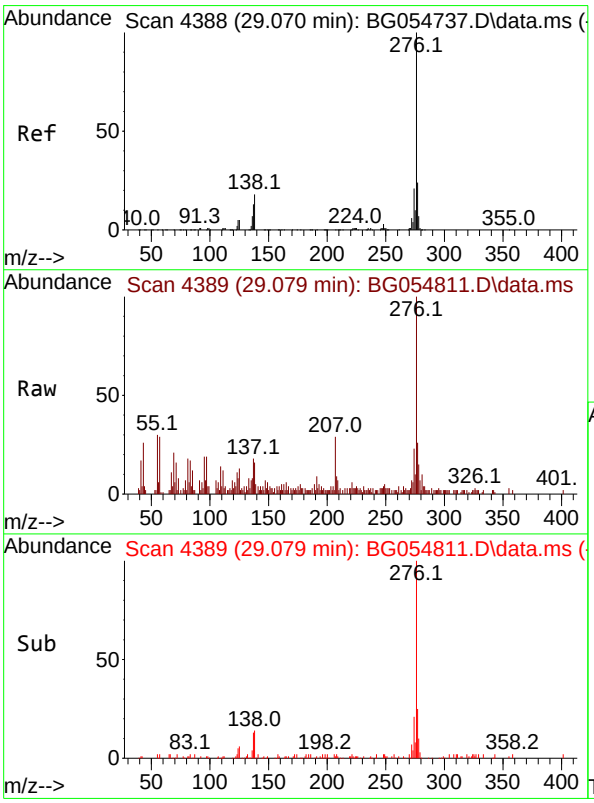
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.195 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:264 Resp: 285039

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.9	16.9	25.3

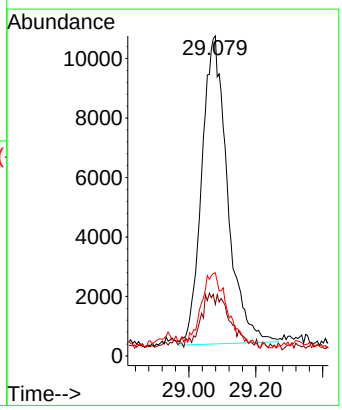


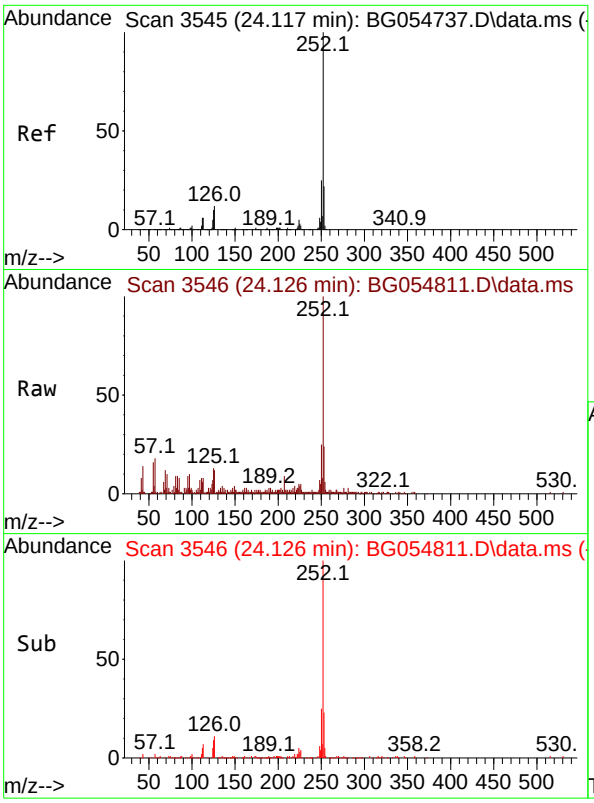


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.556 ng
RT: 29.079 min Scan# 4389
Delta R.T. 0.009 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:276 Resp: 55310

Ion	Ratio	Lower	Upper
276	100		
138	9.8	12.0	18.0#
277	21.9	20.2	30.4



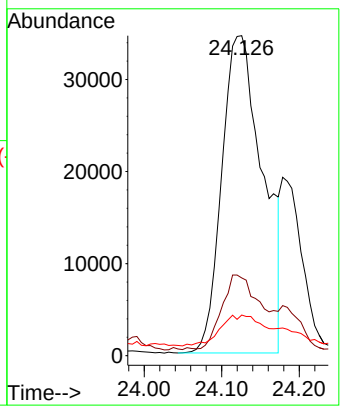


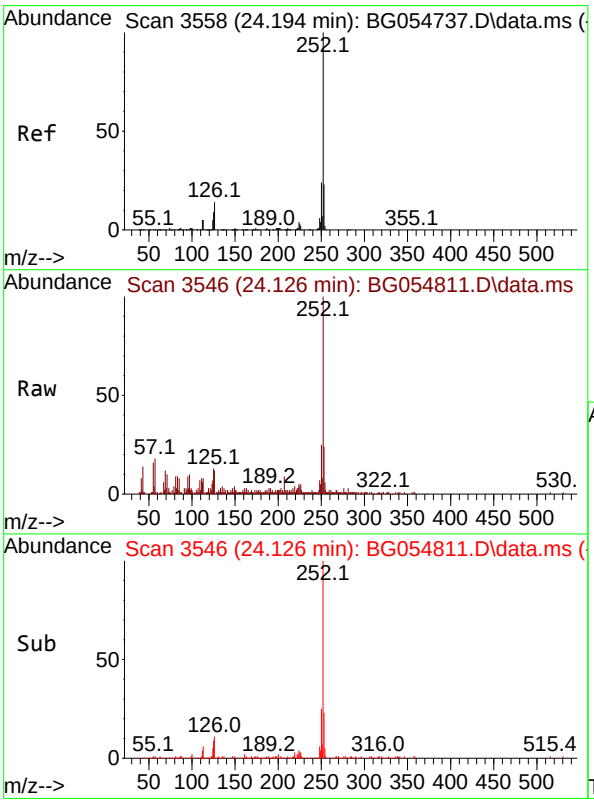
#88
Benzo(b)fluoranthene
Concen: 7.112 ng
RT: 24.126 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:252 Resp: 127168

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	12.7	8.1	12.1#

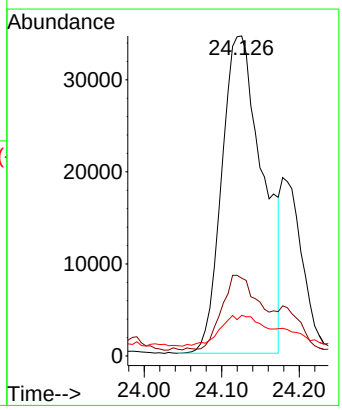


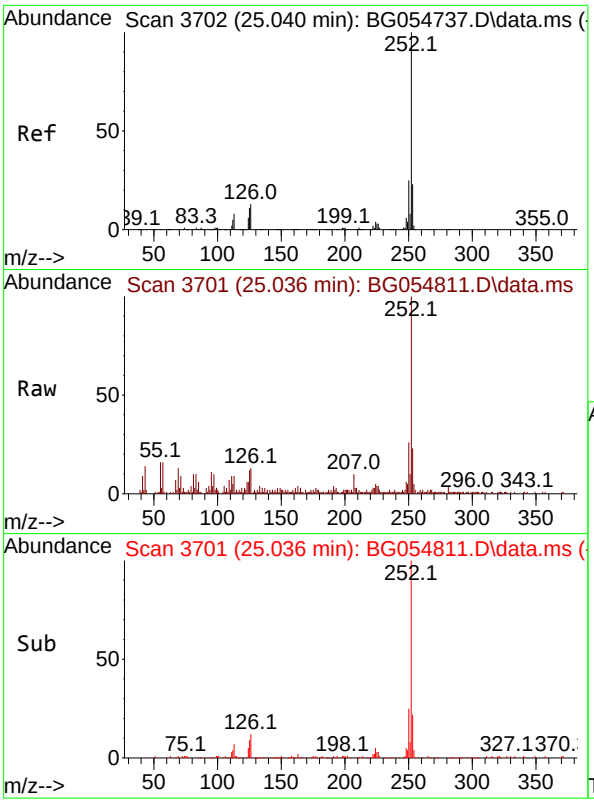


#89
Benzo(k)fluoranthene
Concen: 7.067 ng
RT: 24.126 min Scan# 3546
Delta R.T. -0.068 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:252 Resp: 127168

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	12.7	8.2	12.4#



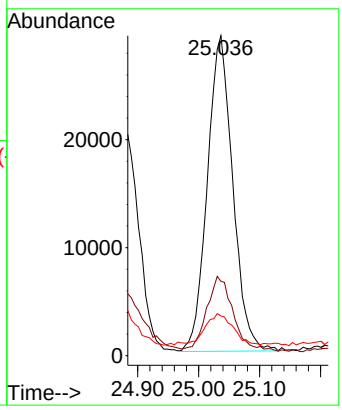


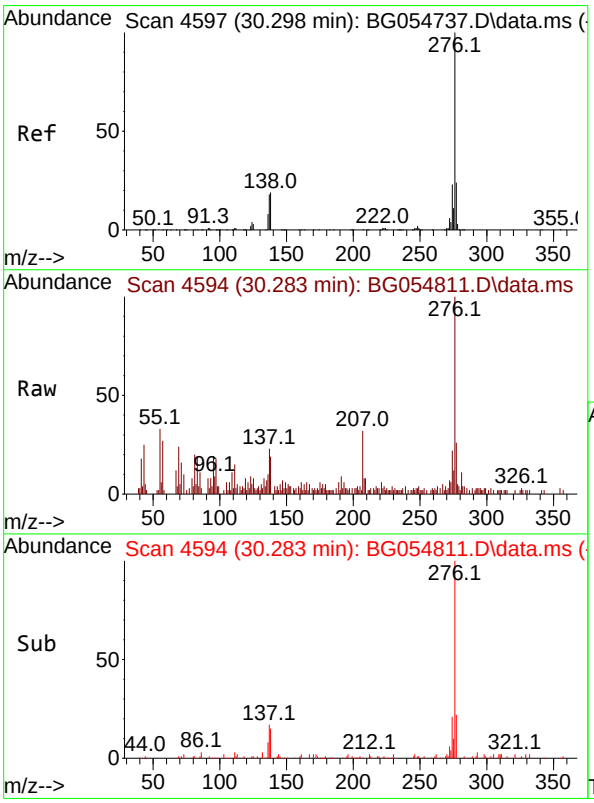
#90
Benzo(a)pyrene
Concen: 5.554 ng
RT: 25.036 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-3

Tgt Ion:252 Resp: 84841

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	12.4	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 3.192 ng
RT: 30.283 min Scan# 4594
Delta R.T. -0.015 min
Lab File: BG054811.D
Acq: 31 Aug 2022 18:06

Tgt Ion:276 Resp: 56856

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.4	29.0
138	18.9	16.6	25.0