Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054807.D
Acq On : 31 Aug 2022 15:19
Operator : CG/JU
Sample : N4431-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Quant Time: Sep 01 05:02:51 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	8.149	152	42314	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	170943	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	120307	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	290232	20.000	ng	0.00
76) Chrysene-d12	21.827	240	275813	20.000	ng	0.00
86) Perylene-d12	25.199	264	289779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	24294	9.998	ng	0.00
7) Phenol-d6	7.297	99	125599	37.795	ng	0.00
23) Nitrobenzene-d5	9.324	82	202243	62.109	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	12263	8.157	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	519708	64.928	ng	0.00
79) Terphenyl-d14	20.129	244	956406	68.706	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.324	70	26040	11.395	ng	# 77
51) 2,6-Dinitrotoluene	14.782	165	15460	8.155	ng	# 22
57) 2,4-Dinitrotoluene	14.782	165	15460	5.896	ng	# 19
71) Phenanthrene	17.573	178	58791	3.803	ng	97
75) Fluoranthene	19.577	202	83406	4.435	ng	98
77) Benzidine	20.129	184	13876	2.031	ng	# 90
78) Pyrene	19.941	202	81621	4.244	ng	98
81) Benzo(a)anthracene	21.803	228	41417	2.215	ng	98
83) Chrysene	21.874	228	36415	2.037	ng	96
88) Benzo(b)fluoranthene	24.118	252	37218	2.047	ng	# 94
89) Benzo(k)fluoranthene	24.118	252	37218	2.034	ng	# 94

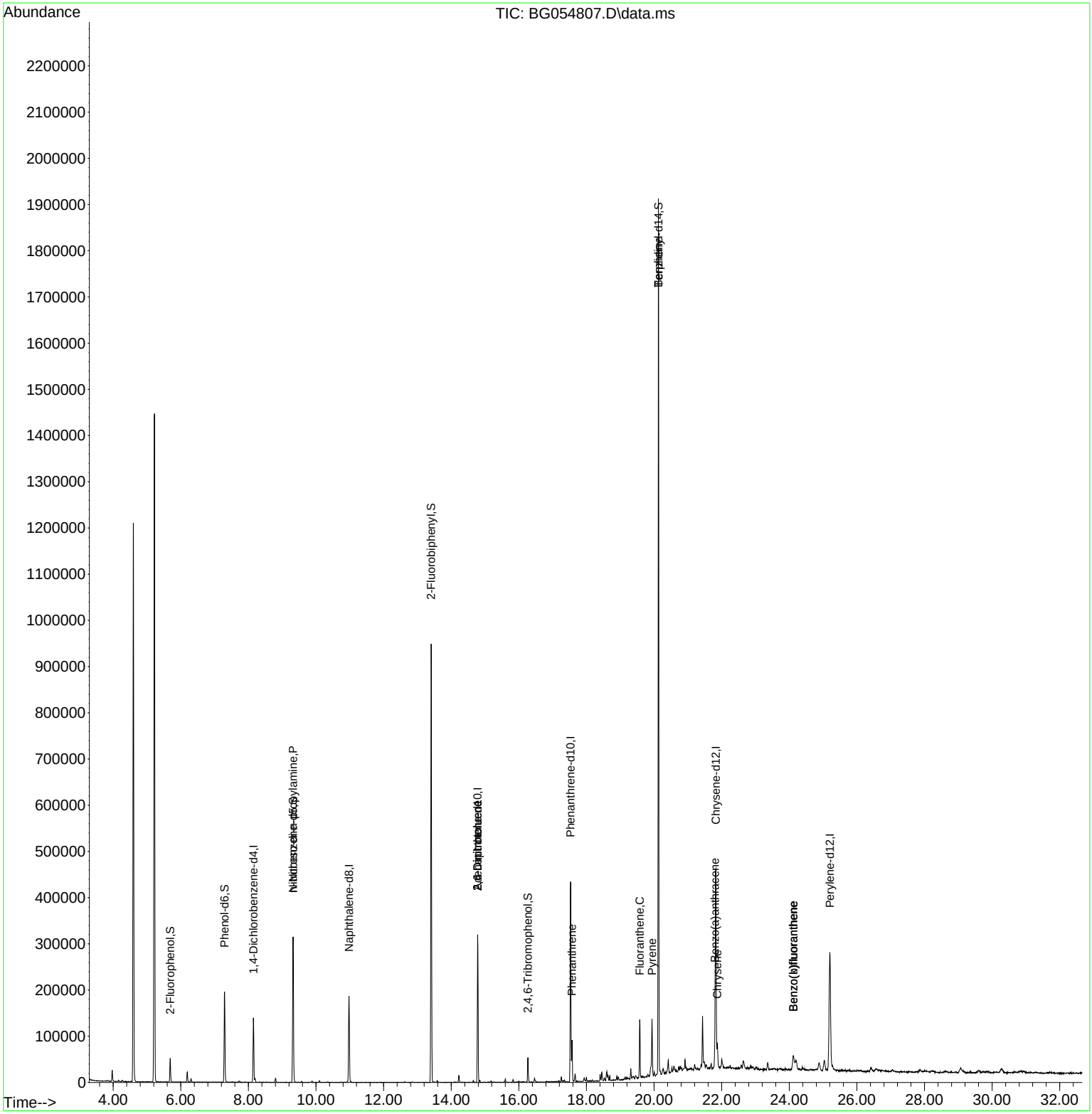
(#) = qualifier out of range (m) = manual integration (+) = signals summed

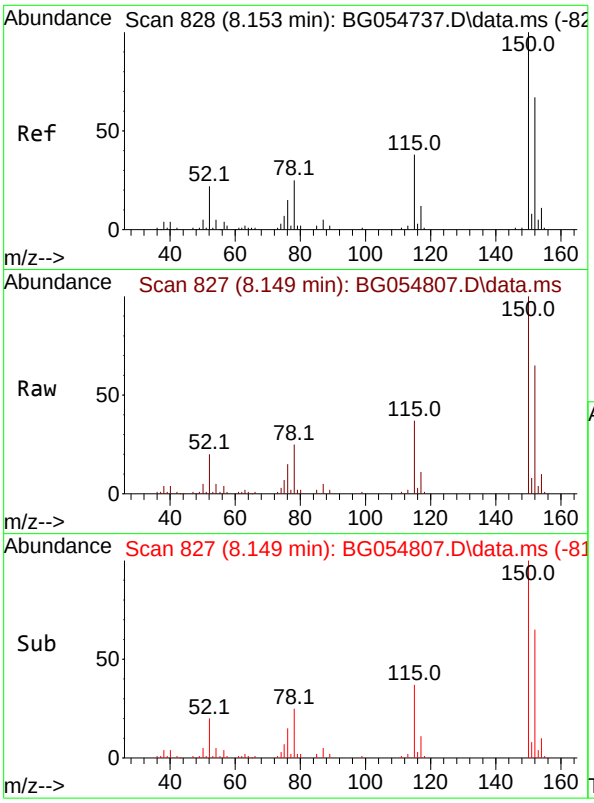
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054807.D
Acq On : 31 Aug 2022 15:19
Operator : CG/JU
Sample : N4431-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Quant Time: Sep 01 05:02:51 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



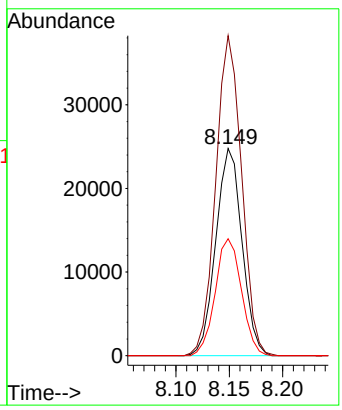


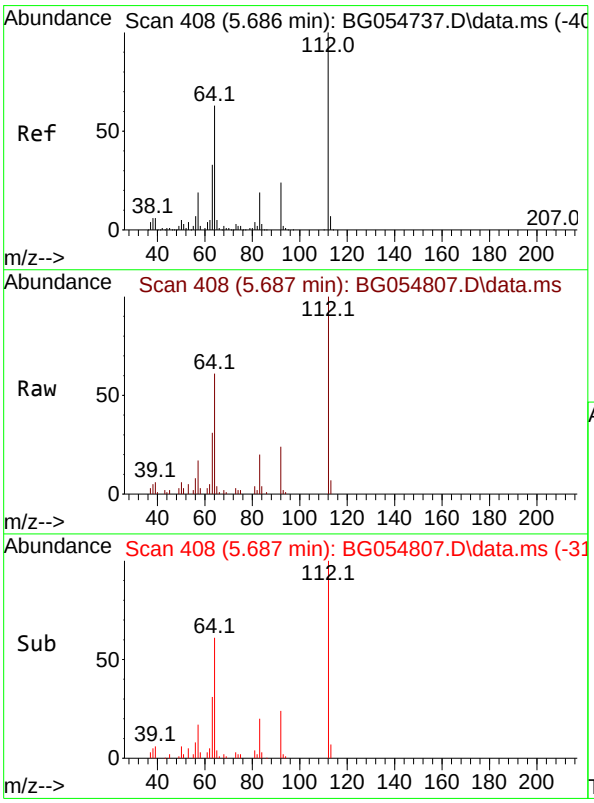
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:152 Resp: 42314

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.2	187.8
115	56.5	47.9	71.9

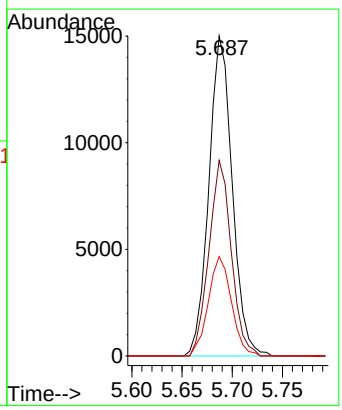


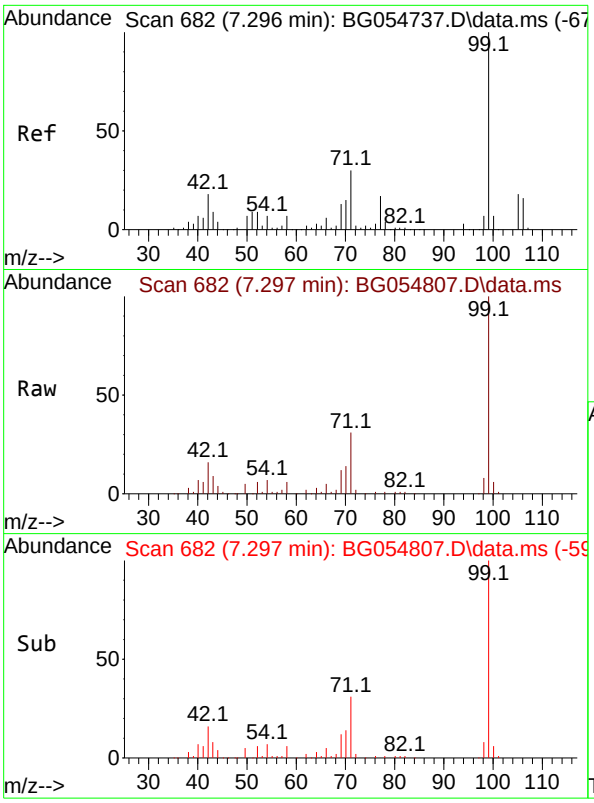


#5
2-Fluorophenol
Concen: 9.998 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:112 Resp: 24294

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.3	73.9
63	31.0	26.3	39.5



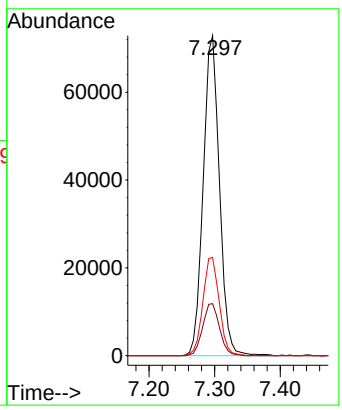


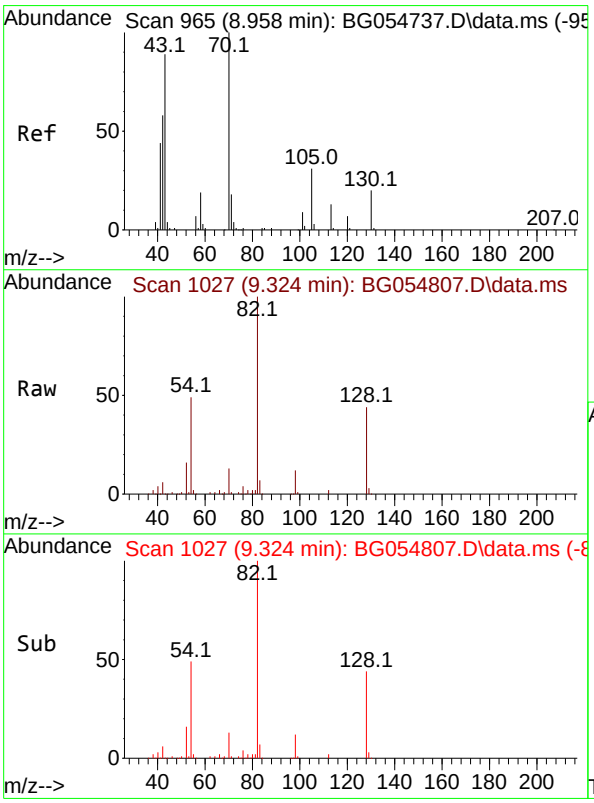
#7
Phenol-d6
Concen: 37.795 ng
RT: 7.297 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion: 99 Resp: 125599

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.6	22.0
71	30.7	24.6	37.0

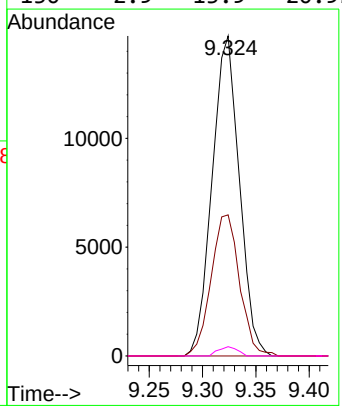


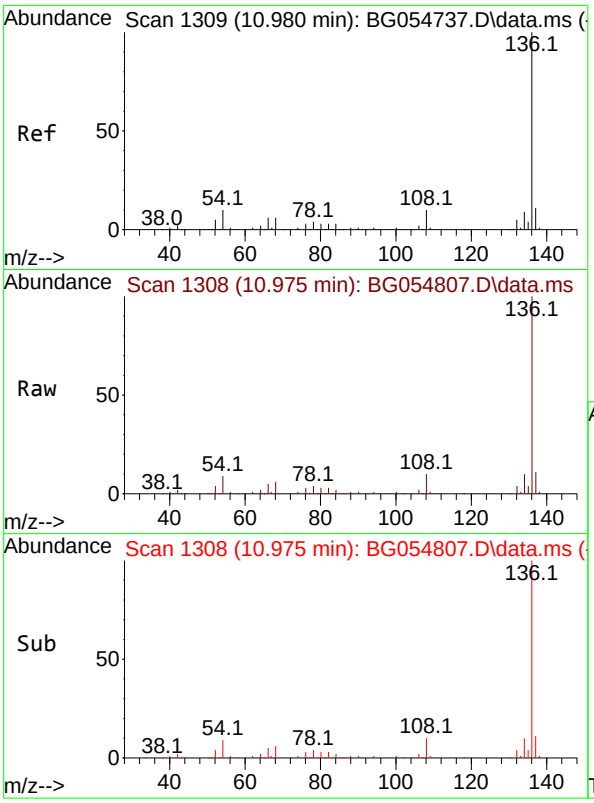


#19
n-Nitroso-di-n-propylamine
Concen: 11.395 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.365 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion: 70 Resp: 26040

Ion	Ratio	Lower	Upper
70	100		
42	44.1	46.6	69.8#
101	0.0	7.7	11.5#
130	2.9	13.9	20.9#



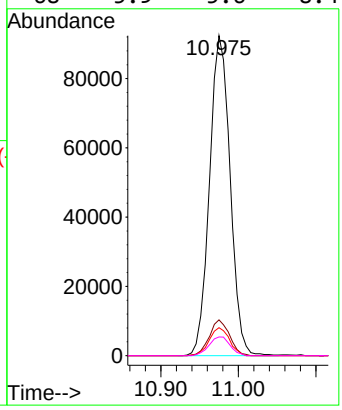


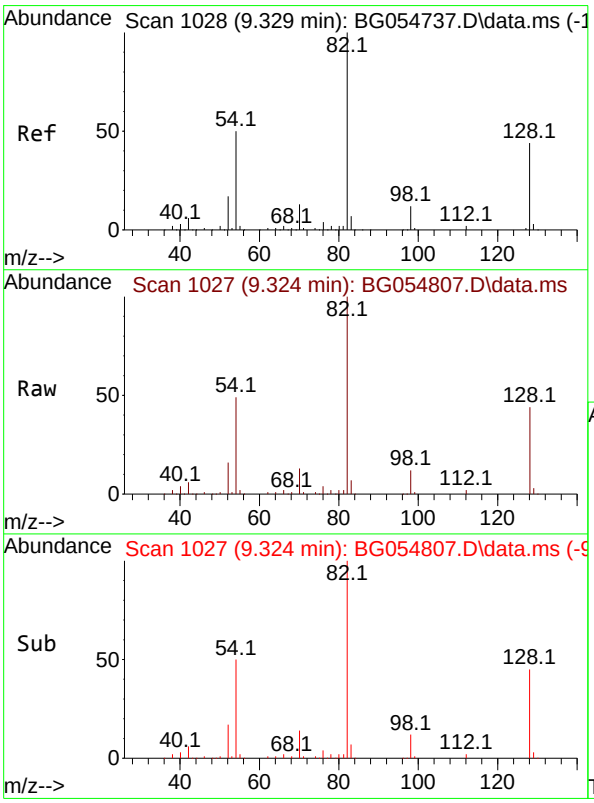
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:136 Resp: 170943

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.8	7.7	11.5
68	5.9	5.6	8.4

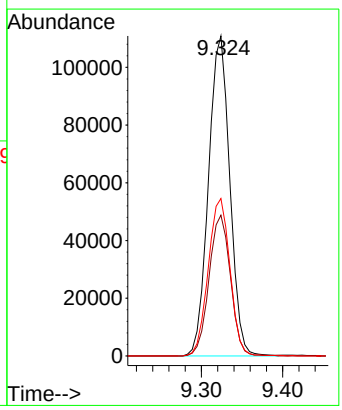


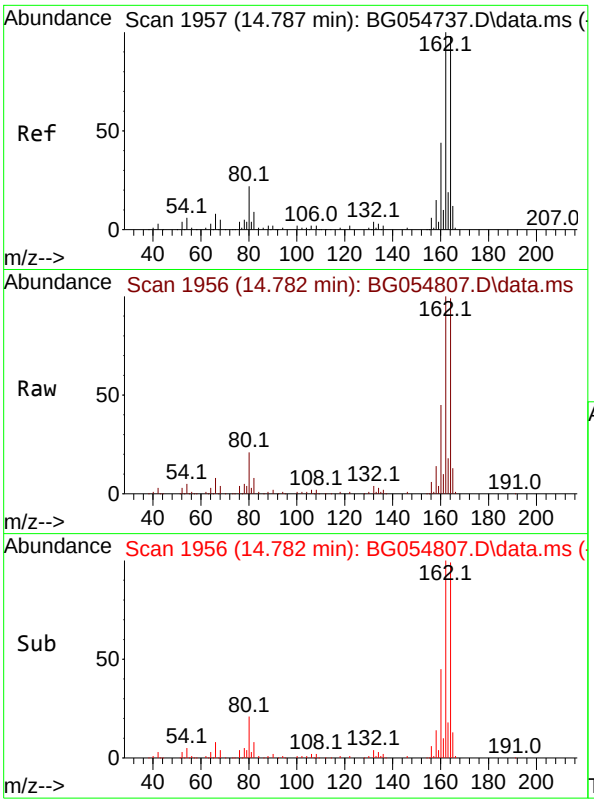


#23
Nitrobenzene-d5
Concen: 62.109 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion: 82 Resp: 202243

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.2	48.2
54	49.2	41.4	62.0



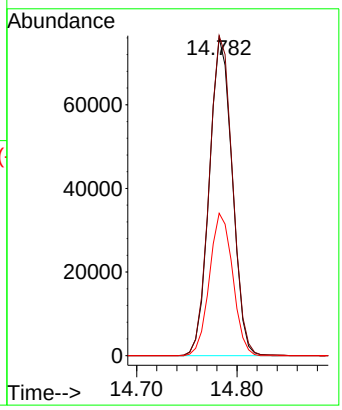


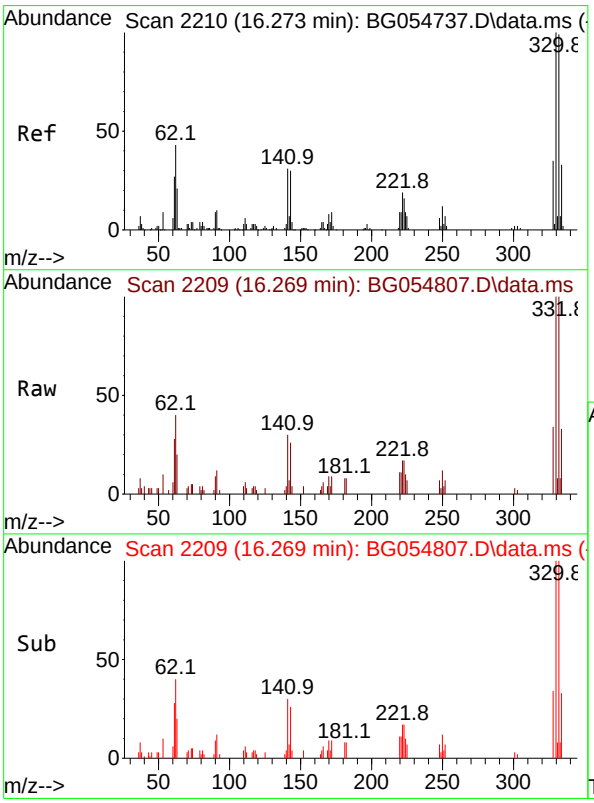
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.782 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:164 Resp: 120307

Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.0	124.4
160	44.8	38.0	57.0

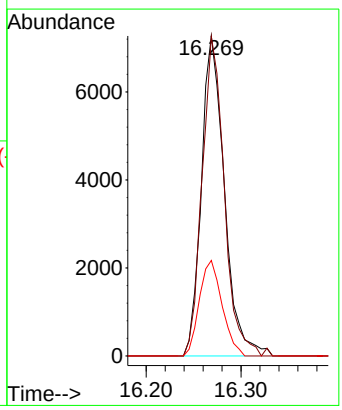


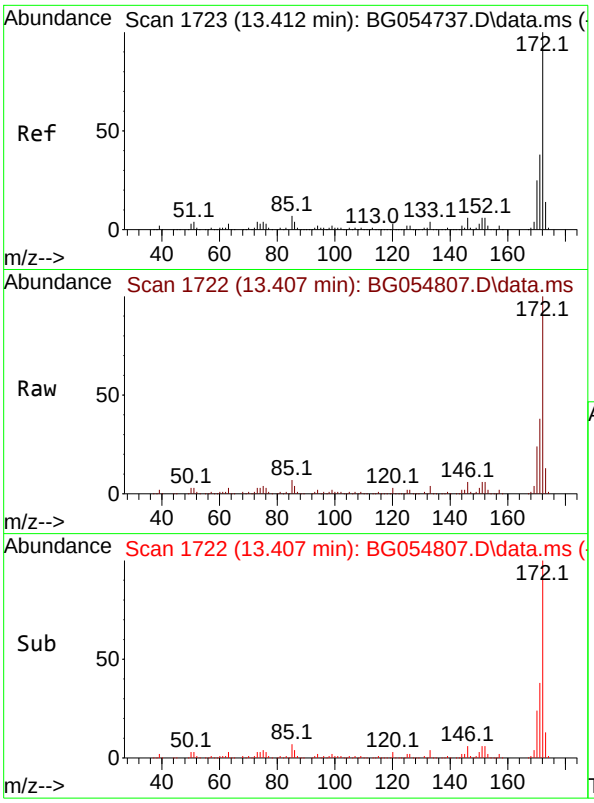


#42
2,4,6-Tribromophenol
Concen: 8.157 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:330 Resp: 12263

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.8	119.6
141	29.5	26.8	40.2



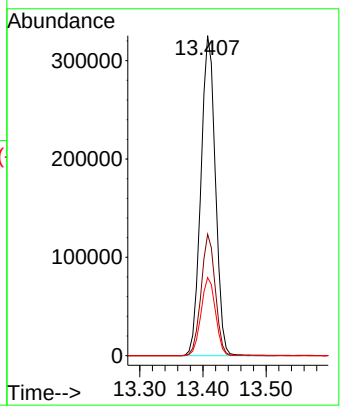


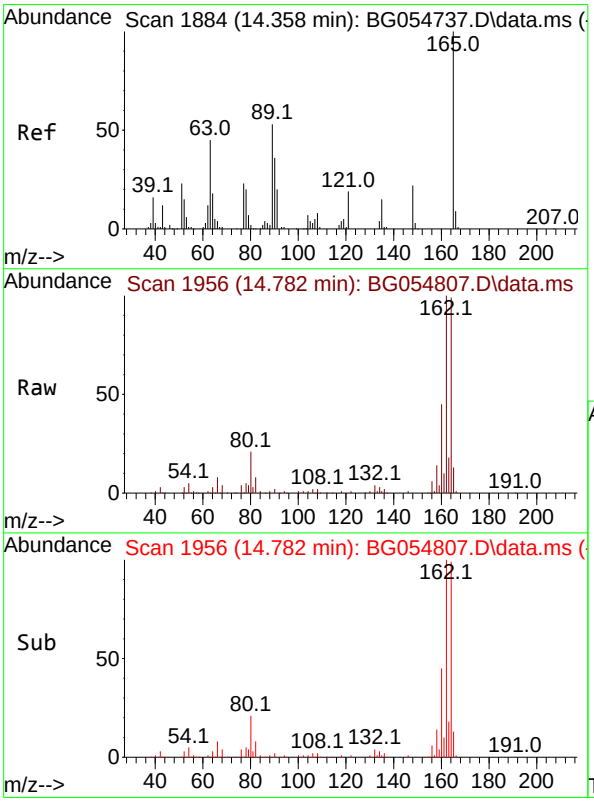
#45
2-Fluorobiphenyl
Concen: 64.928 ng
RT: 13.407 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:172 Resp: 519708

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.2	46.8
170	24.4	20.6	30.8

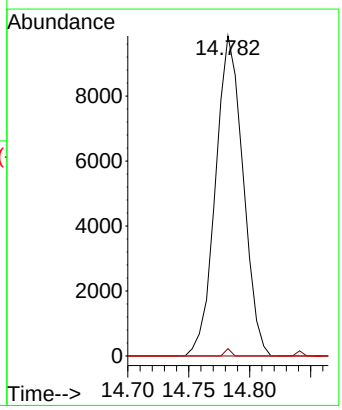


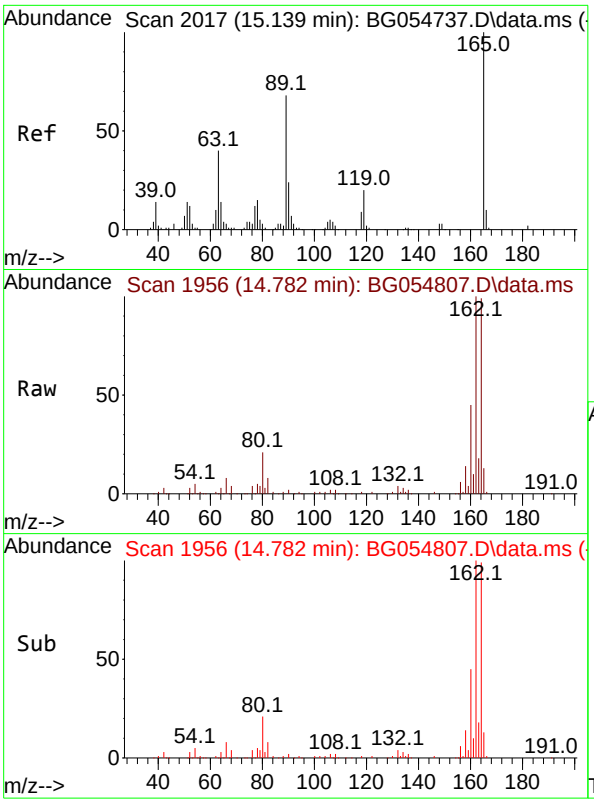


#51
2,6-Dinitrotoluene
Concen: 8.155 ng
RT: 14.782 min Scan# 1956
Delta R.T. 0.424 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:165 Resp: 15460

Ion	Ratio	Lower	Upper
165	100		
63	2.3	46.0	69.0#
89	0.0	50.3	75.5#



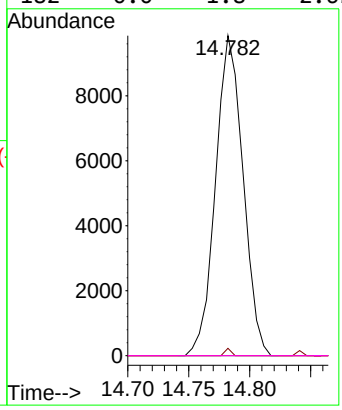


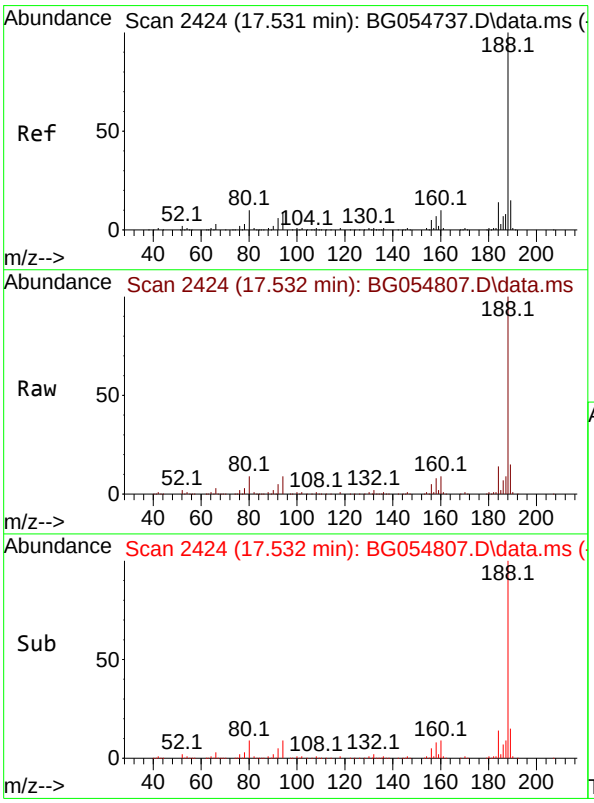
#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.782 min Scan# 1
Delta R.T. -0.357 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:165 Resp: 15460

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#

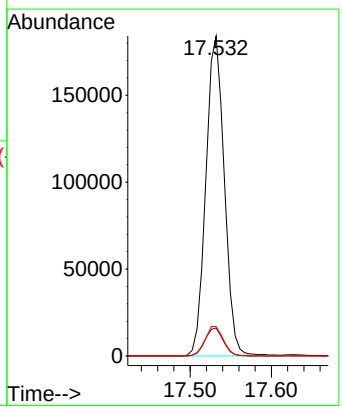


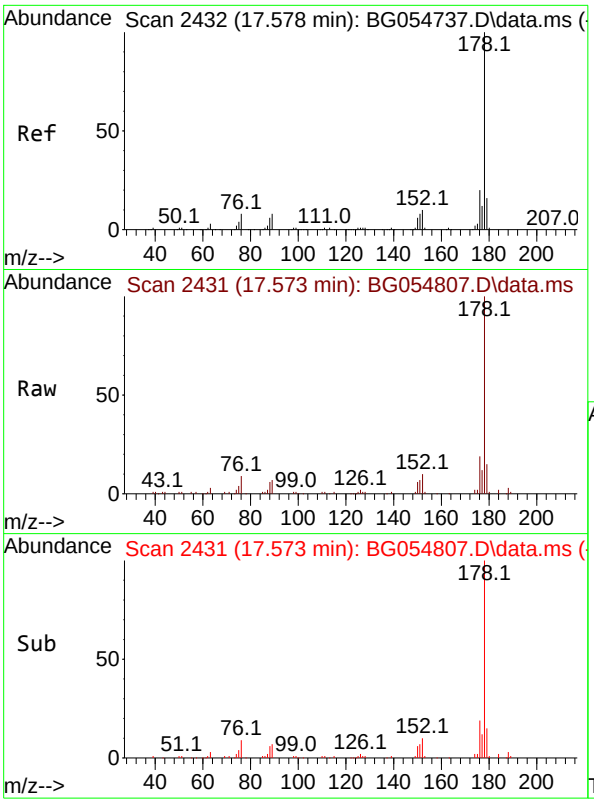


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:188 Resp: 290232

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.2	7.9	11.9



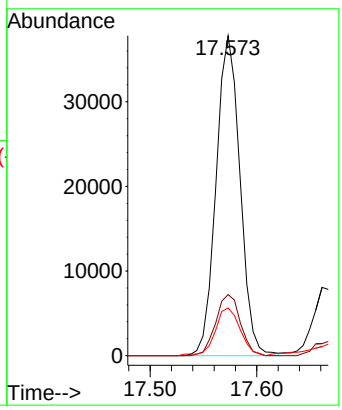


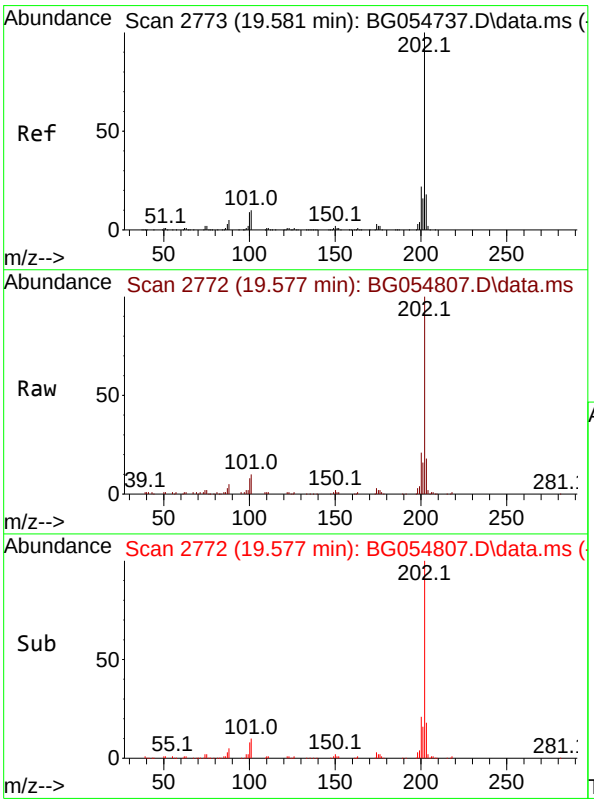
#71
Phenanthrene
Concen: 3.803 ng
RT: 17.573 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:178 Resp: 58791

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	14.9	12.8	19.2

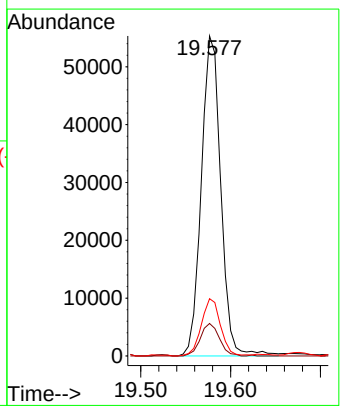


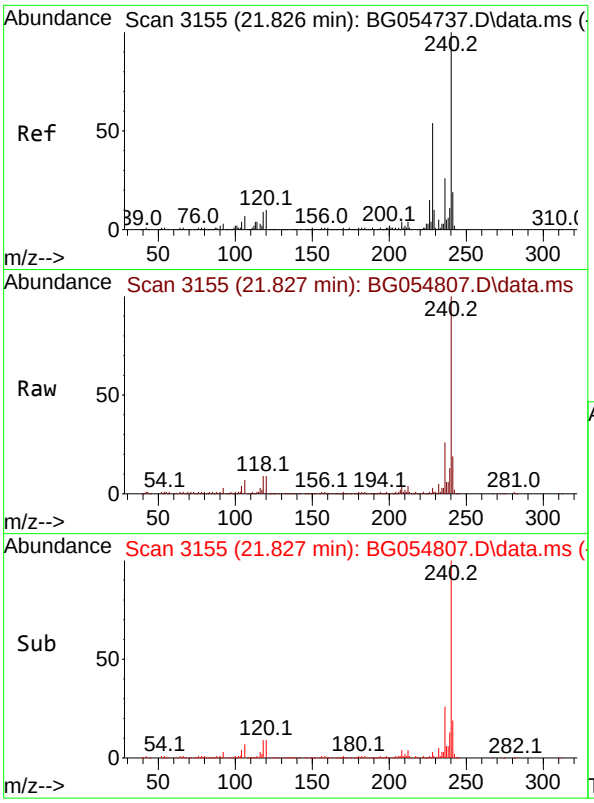


#75
Fluoranthene
Concen: 4.435 ng
RT: 19.577 min Scan# 2772
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:202 Resp: 83406

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.9	0.0	38.6



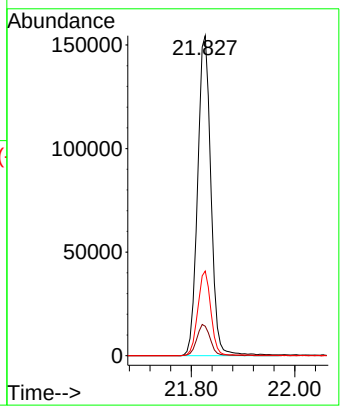


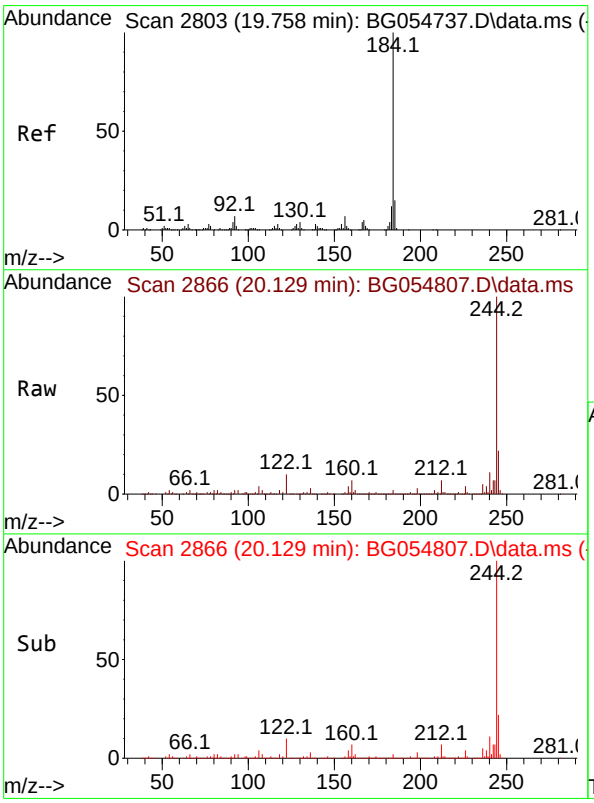
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:240 Resp: 275813

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.4
236	26.4	21.2	31.8

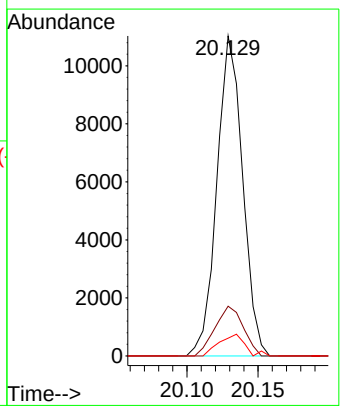


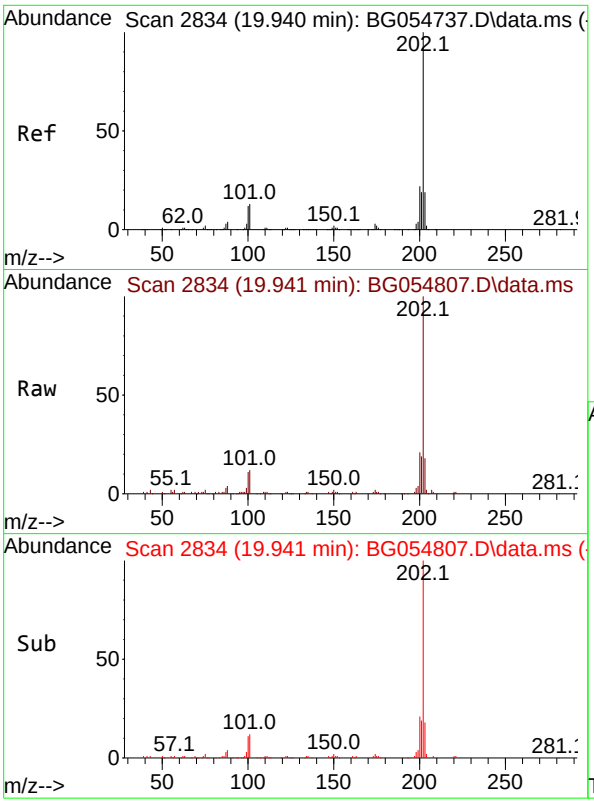


#77
Benzidine
Concen: 2.031 ng
RT: 20.129 min Scan# 2866
Delta R.T. 0.371 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:184 Resp: 13876

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.4	17.0
183	5.5	9.8	14.8#



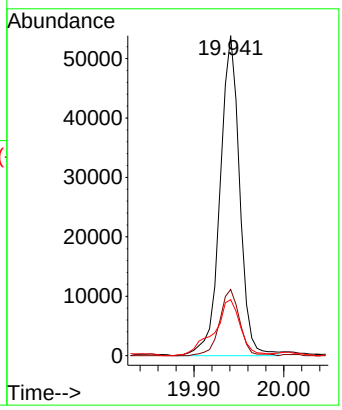


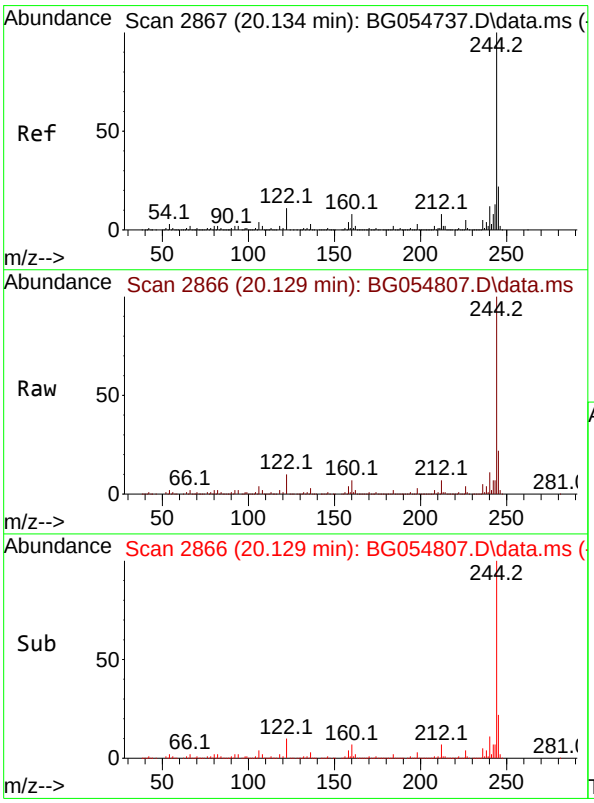
#78
Pyrene
Concen: 4.244 ng
RT: 19.941 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:202 Resp: 81621

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.5	14.6	21.8

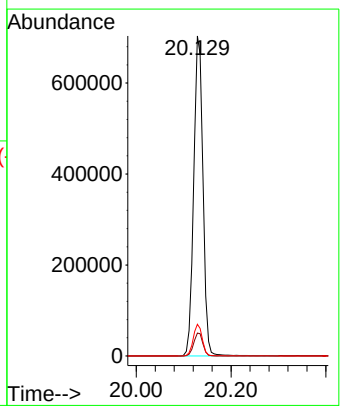


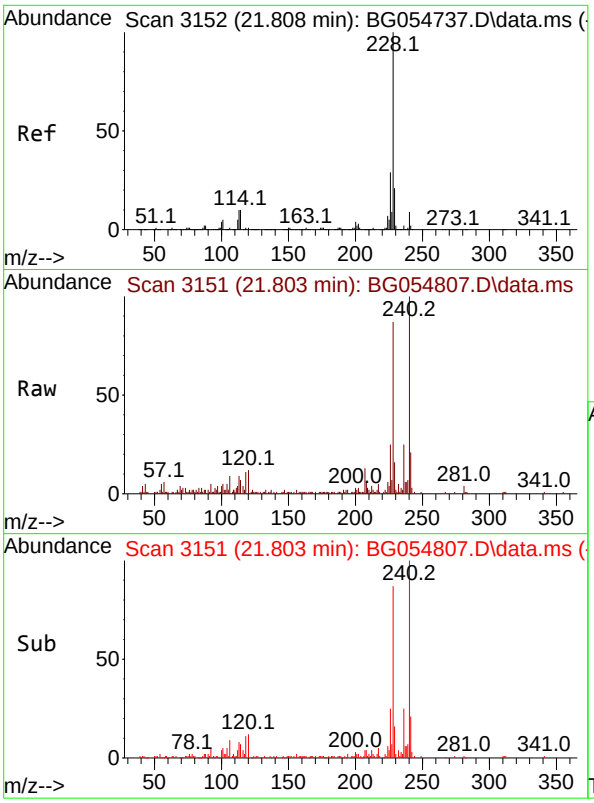


#79
Terphenyl-d14
Concen: 68.706 ng
RT: 20.129 min Scan# 2866
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:244 Resp: 956406

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	9.9	9.0	13.6



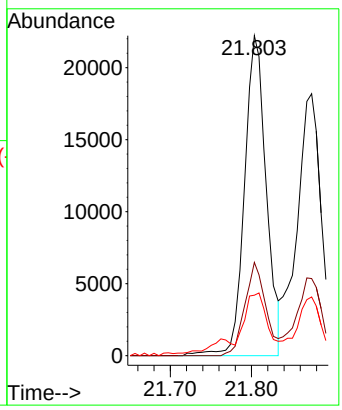


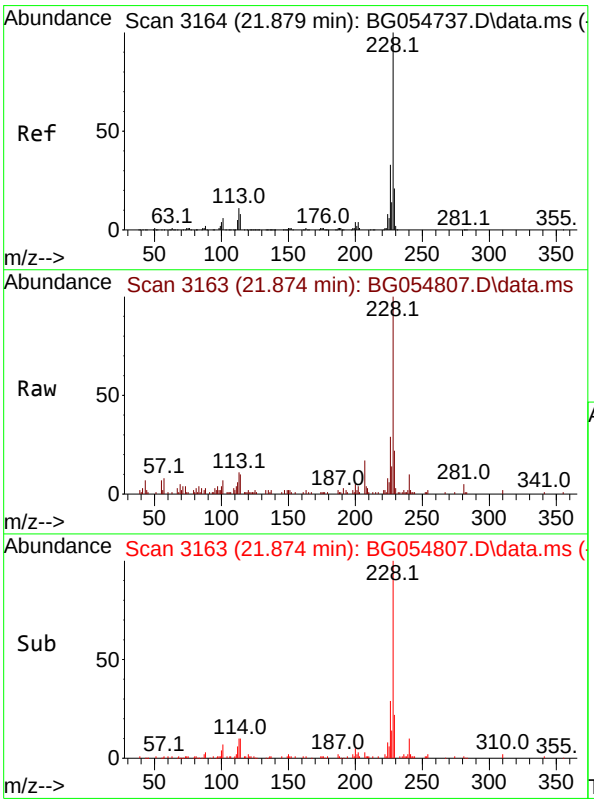
#81
Benzo(a)anthracene
Concen: 2.215 ng
RT: 21.803 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:228 Resp: 41417

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	18.9	16.5	24.7

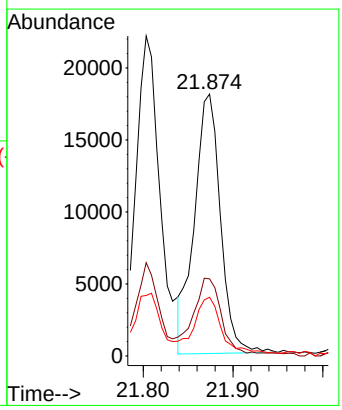


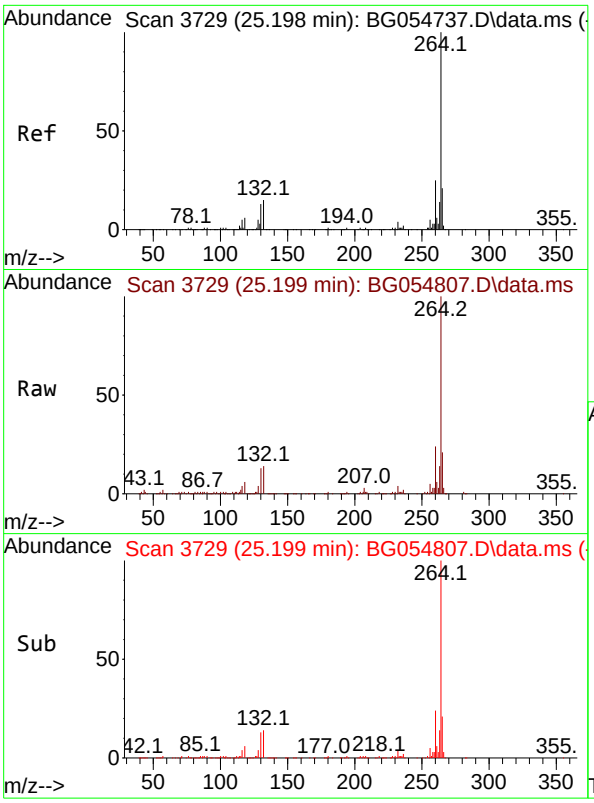


#83
Chrysene
Concen: 2.037 ng
RT: 21.874 min Scan# 3163
Delta R.T. -0.005 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:228 Resp: 36415

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.5	38.3
229	22.4	16.8	25.2



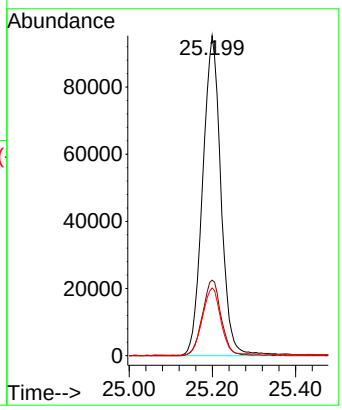


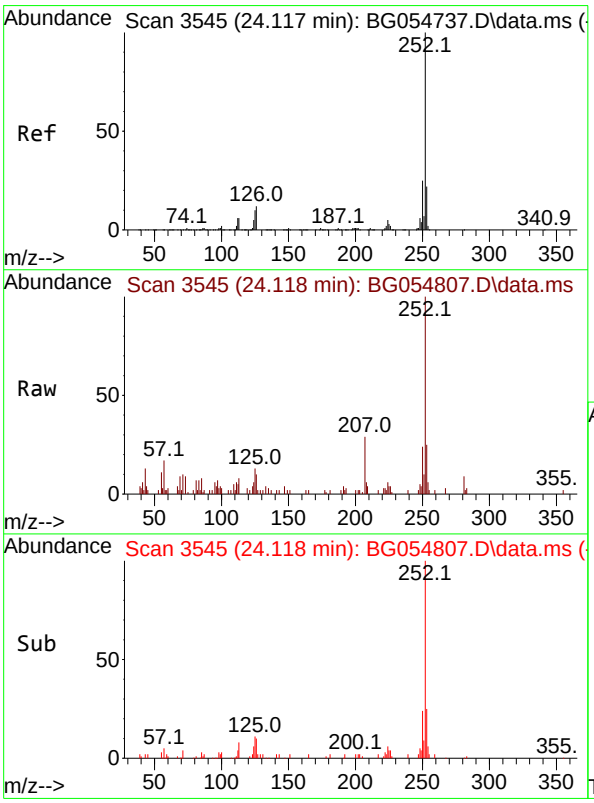
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:264 Resp: 289779

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.9	29.9
265	21.1	16.9	25.3

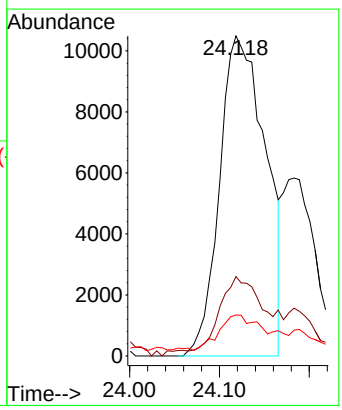


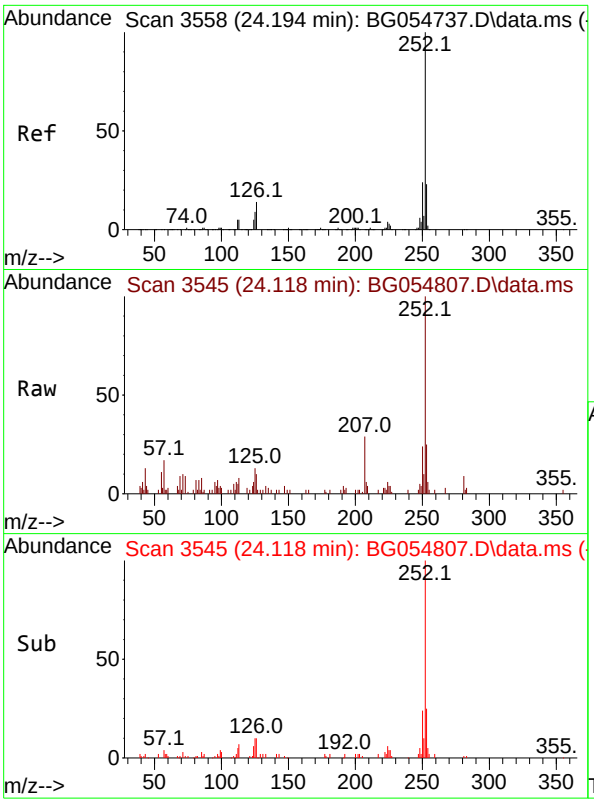


#88
Benzo(b)fluoranthene
Concen: 2.047 ng
RT: 24.118 min Scan# 3545
Delta R.T. 0.001 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Tgt Ion:252 Resp: 37218

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	12.8	8.1	12.1#





#89
Benzo(k)fluoranthene
Concen: 2.034 ng
RT: 24.118 min Scan# 3
Delta R.T. -0.075 min
Lab File: BG054807.D
Acq: 31 Aug 2022 15:19

Instrument :
BNA_G
ClientSampleId :
CRUSHED-MASONARY-PILE-4

Tgt Ion:252 Resp: 37218

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	12.8	8.2	12.4#