Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054820.D
Acq On : 1 Sep 2022 13:23
Operator : CG/JU
Sample : N4431-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 01 14:34:54 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	8.147	152	41688	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	168987	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	117316	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	270190	20.000	ng	0.00
76) Chrysene-d12	21.819	240	256900	20.000	ng	0.00
86) Perylene-d12	25.185	264	275367	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	23474	9.805	ng	0.00
7) Phenol-d6	7.295	99	121873	37.225	ng	0.00
23) Nitrobenzene-d5	9.322	82	200722	62.355	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	12125	8.271	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	512803	65.699	ng	0.00
79) Terphenyl-d14	20.127	244	892050	68.801	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.571	178	54595	3.793	ng	96
75) Fluoranthene	19.574	202	75620	4.319	ng	96
78) Pyrene	19.933	202	74592	4.164	ng	98
81) Benzo(a)anthracene	21.795	228	44582	2.559	ng	97
83) Chrysene	21.866	228	38147	2.290	ng	95
88) Benzo(b)fluoranthene	24.104	252	36341	2.104	ng	99

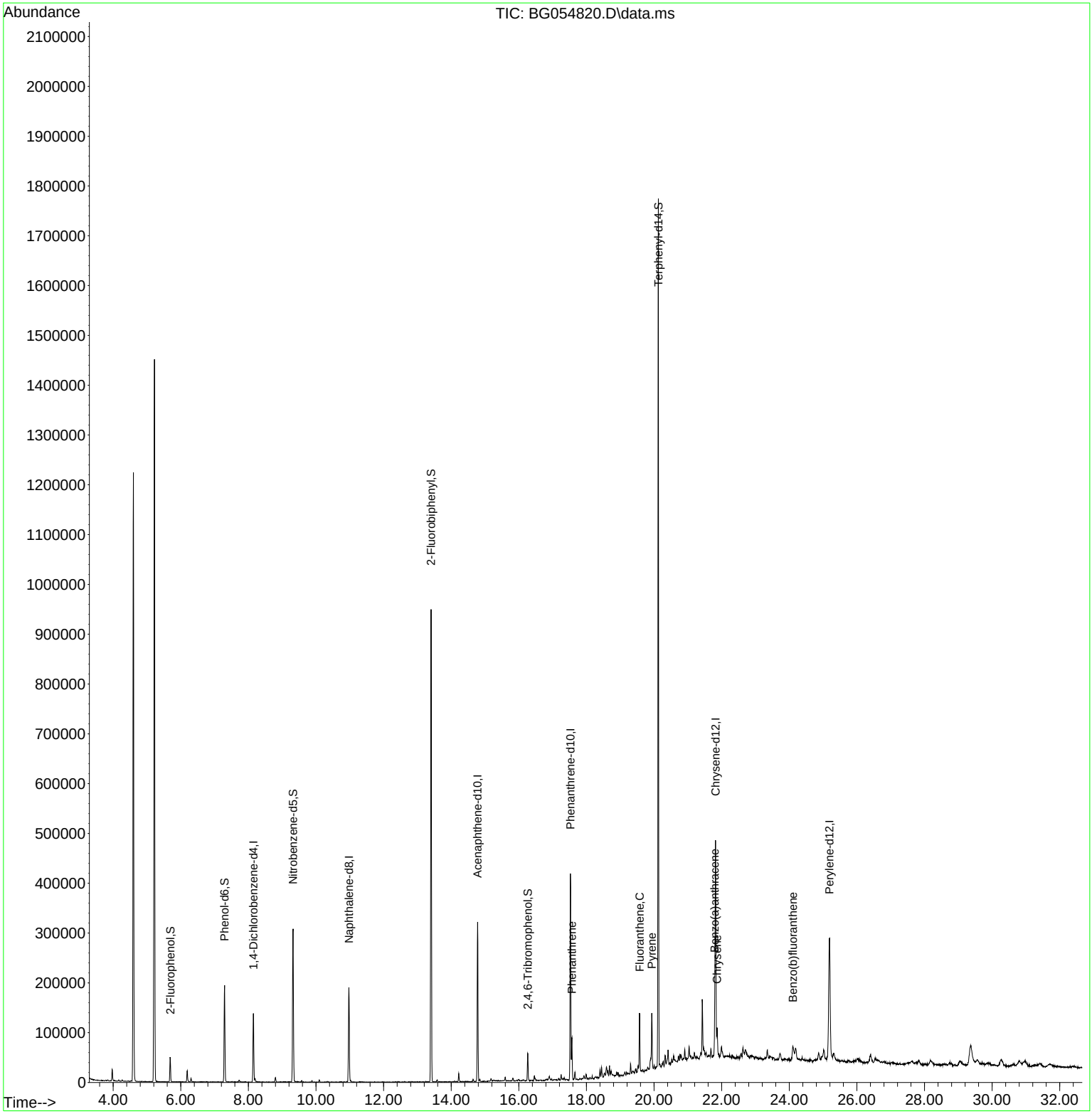
(#) = qualifier out of range (m) = manual integration (+) = signals summed

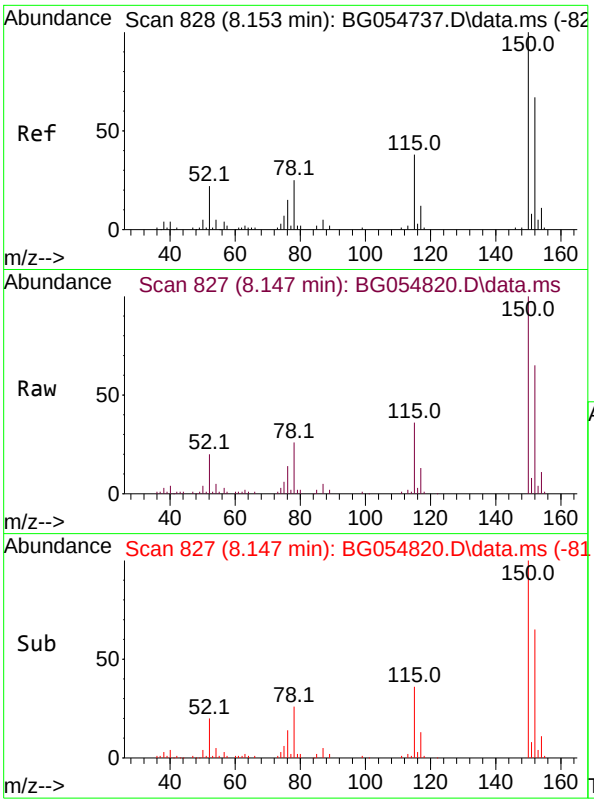
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054820.D
Acq On : 1 Sep 2022 13:23
Operator : CG/JU
Sample : N4431-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 01 14:34:54 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



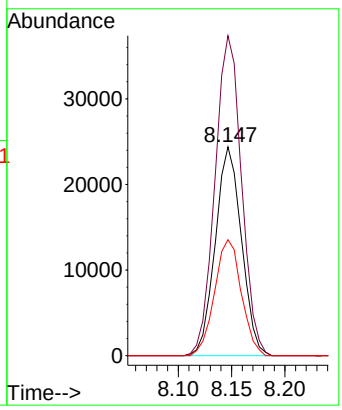


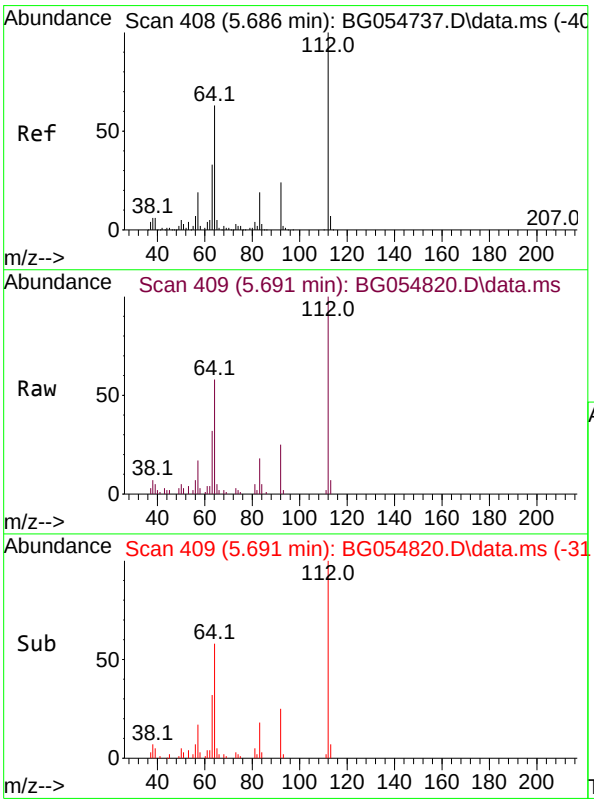
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:152 Resp: 41688

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.2	187.8
115	55.5	47.9	71.9

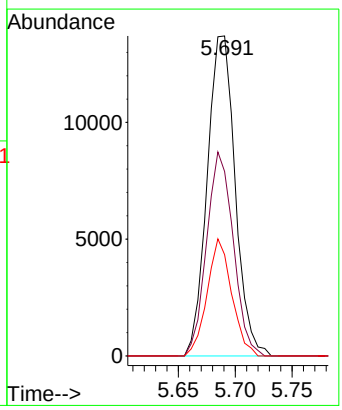


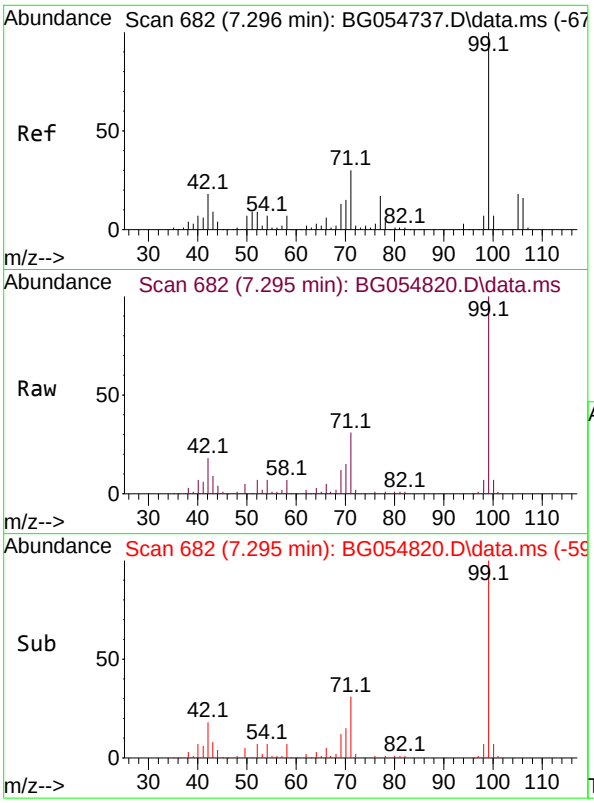


#5
2-Fluorophenol
Concen: 9.805 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:112 Resp: 23474

Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.3	73.9
63	31.6	26.3	39.5



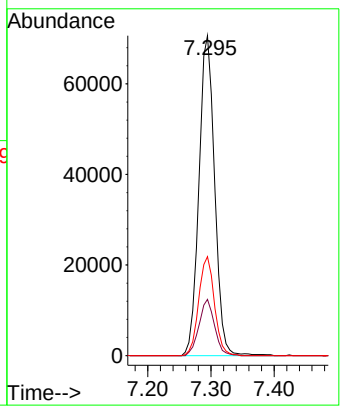


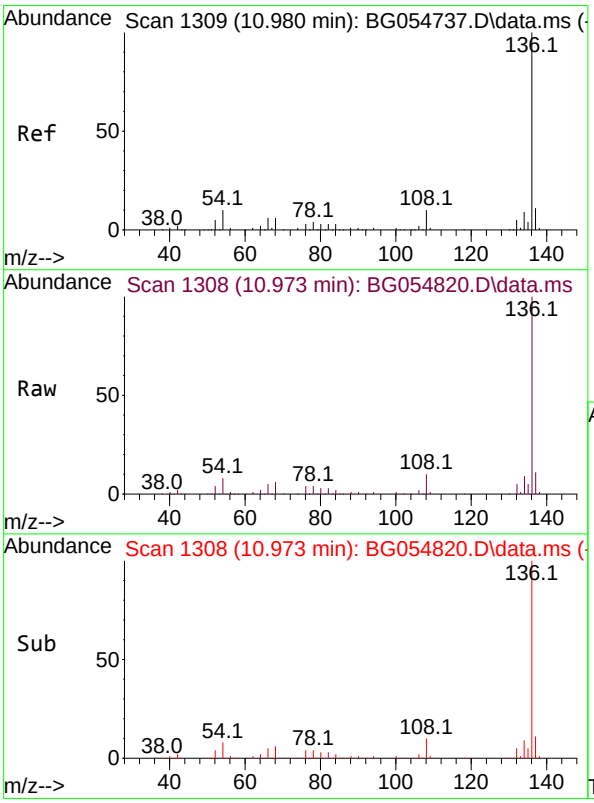
#7
Phenol-d6
Concen: 37.225 ng
RT: 7.295 min Scan# 68
Delta R.T. -0.001 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion: 99 Resp: 121873

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	22.0
71	30.9	24.6	37.0

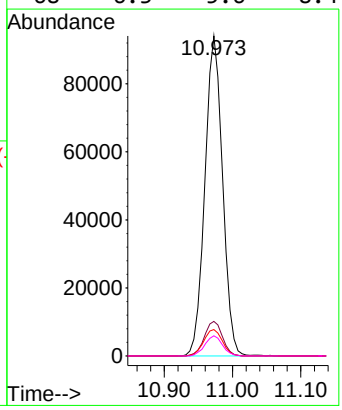


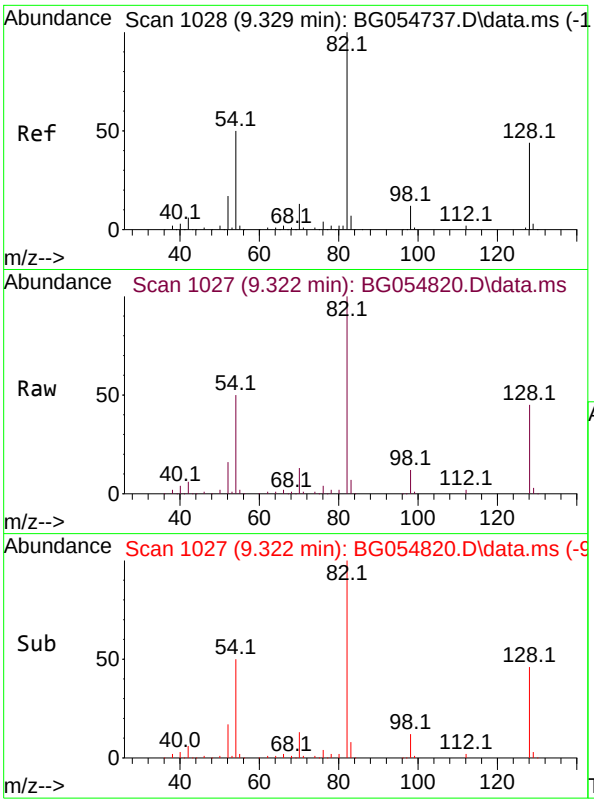


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:136 Resp: 168987

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.2	7.7	11.5
68	6.3	5.6	8.4



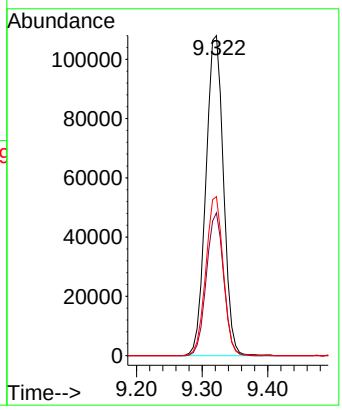


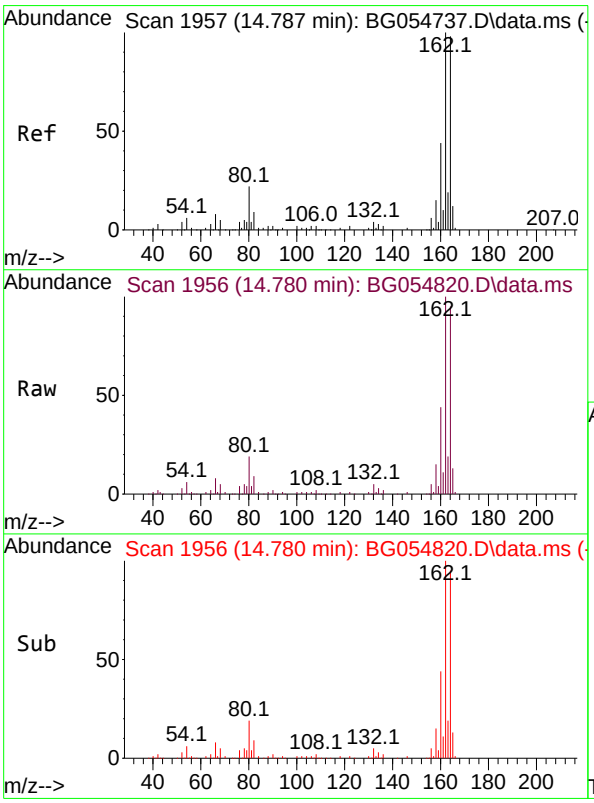
#23
Nitrobenzene-d5
Concen: 62.355 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion: 82 Resp: 200722

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.2	48.2
54	49.7	41.4	62.0

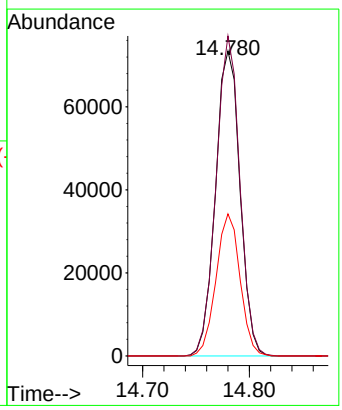


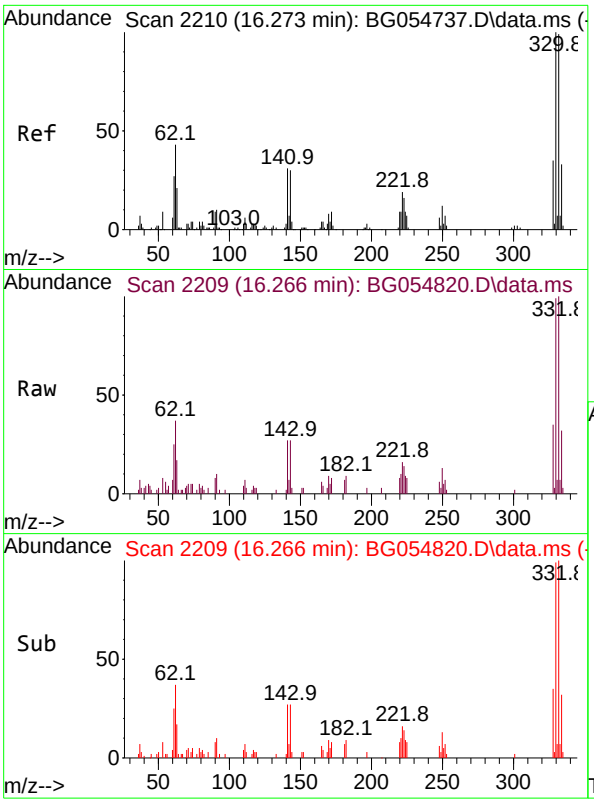


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:164 Resp: 117316

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	46.6	38.0	57.0



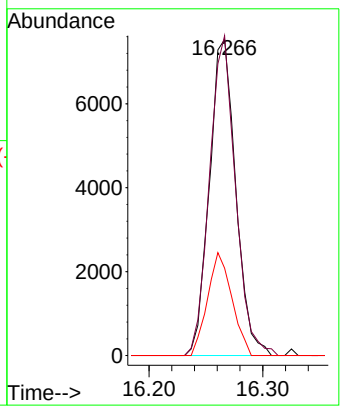


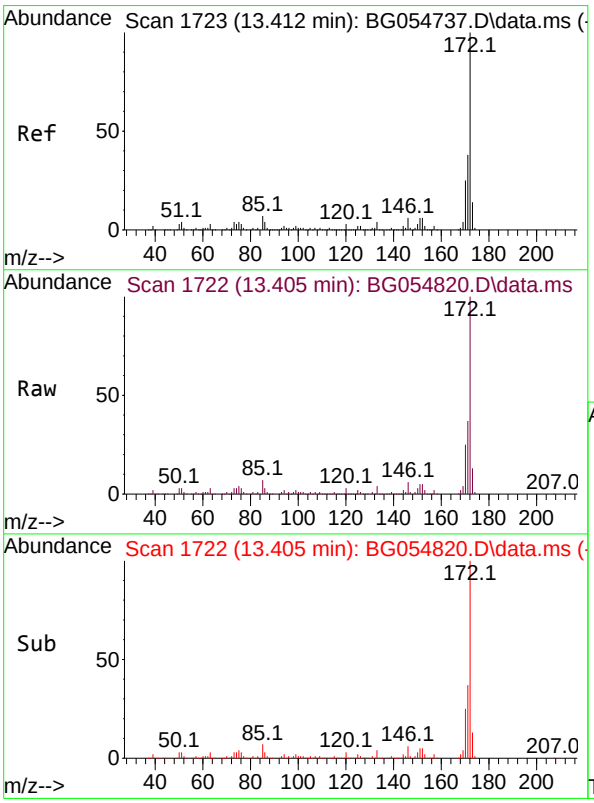
#42
2,4,6-Tribromophenol
Concen: 8.271 ng
RT: 16.266 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:330 Resp: 12125

Ion	Ratio	Lower	Upper
330	100		
332	99.9	79.8	119.6
141	30.1	26.8	40.2

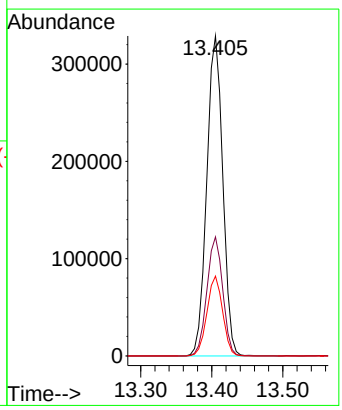


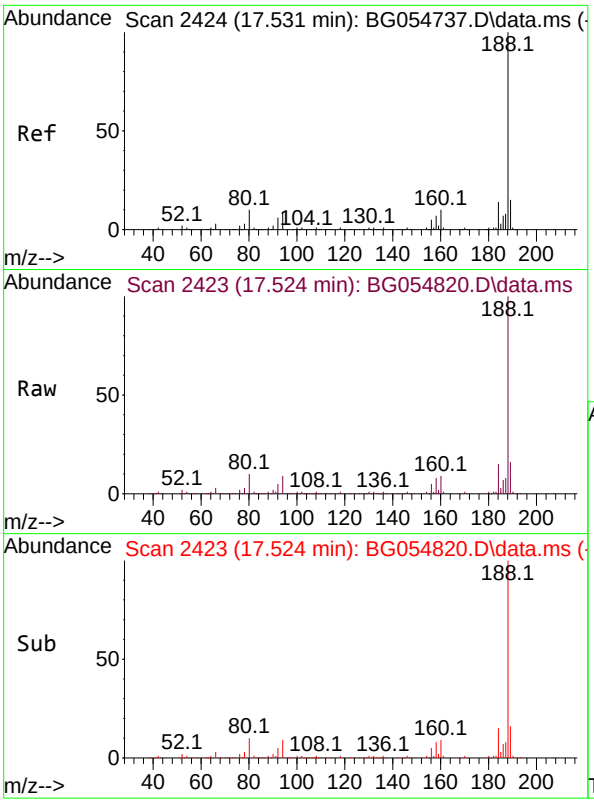


#45
2-Fluorobiphenyl
Concen: 65.699 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:172 Resp: 512803

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.2	46.8
170	24.9	20.6	30.8



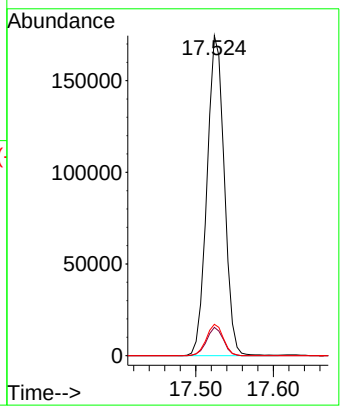


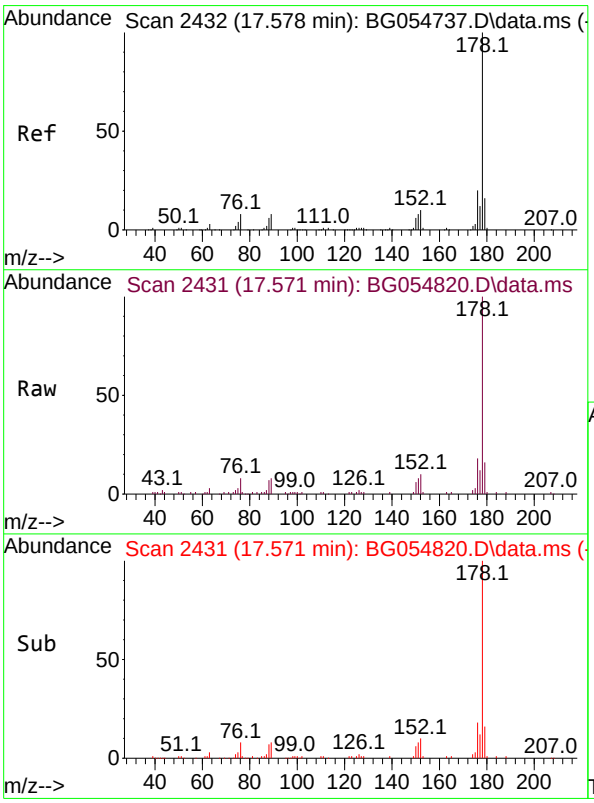
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:188 Resp: 270190

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.8	7.9	11.9

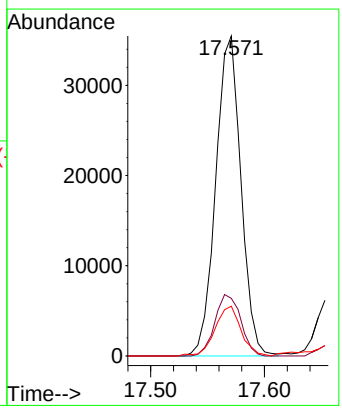


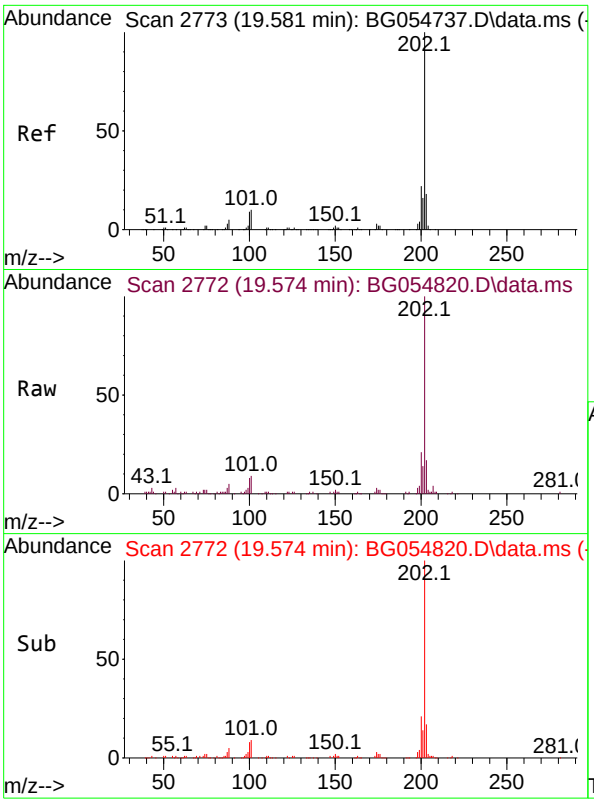


#71
Phenanthrene
Concen: 3.793 ng
RT: 17.571 min Scan# 2431
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:178 Resp: 54595

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.6	25.0
179	15.5	12.8	19.2



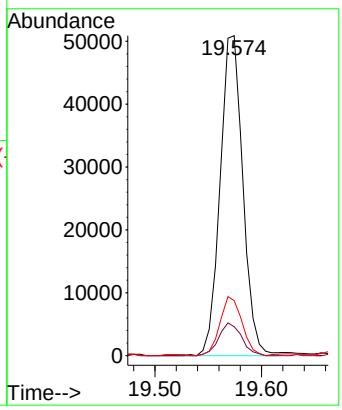


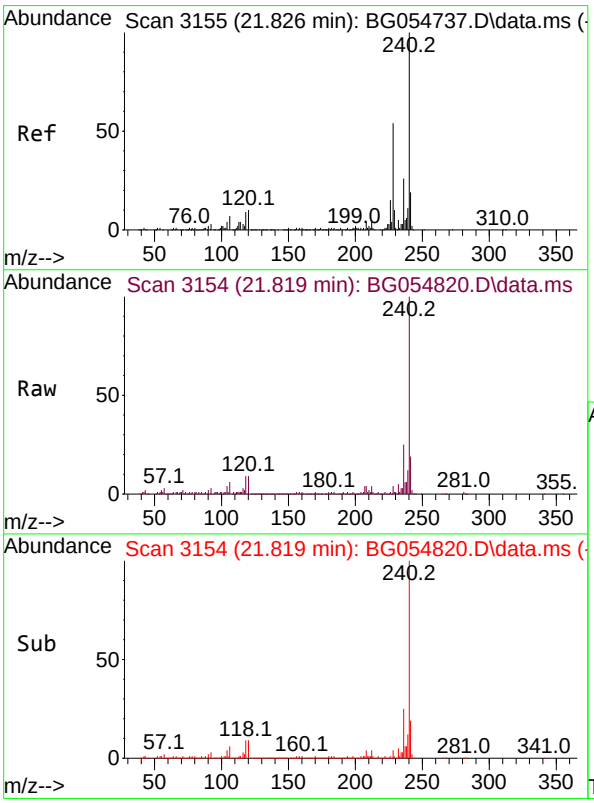
#75
Fluoranthene
Concen: 4.319 ng
RT: 19.574 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:202 Resp: 75620

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.4
203	17.2	0.0	38.6

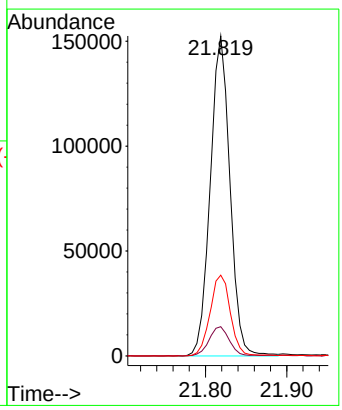


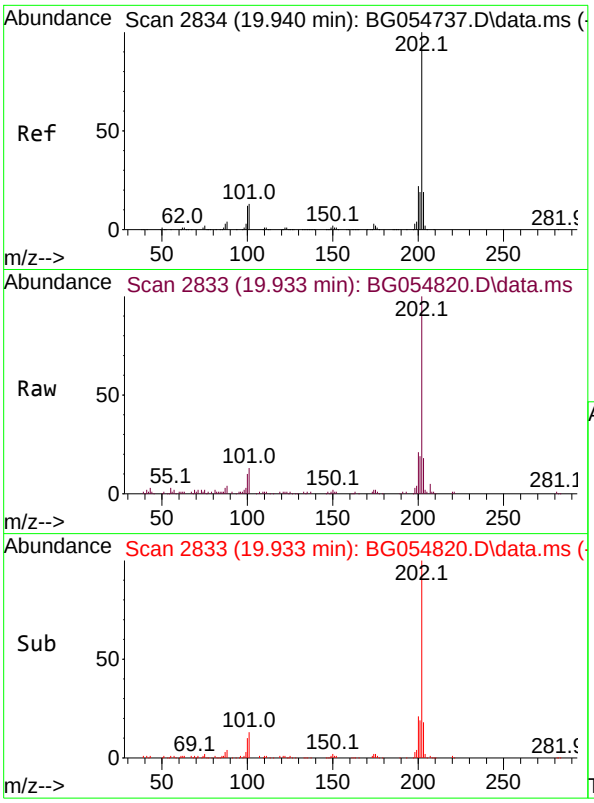


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:240 Resp: 256900

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.4
236	25.2	21.2	31.8



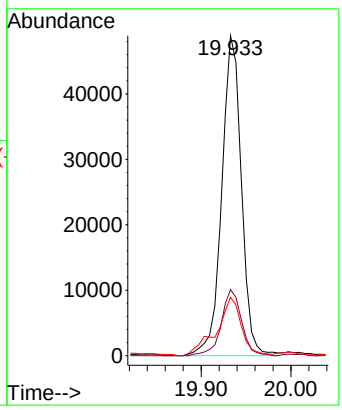


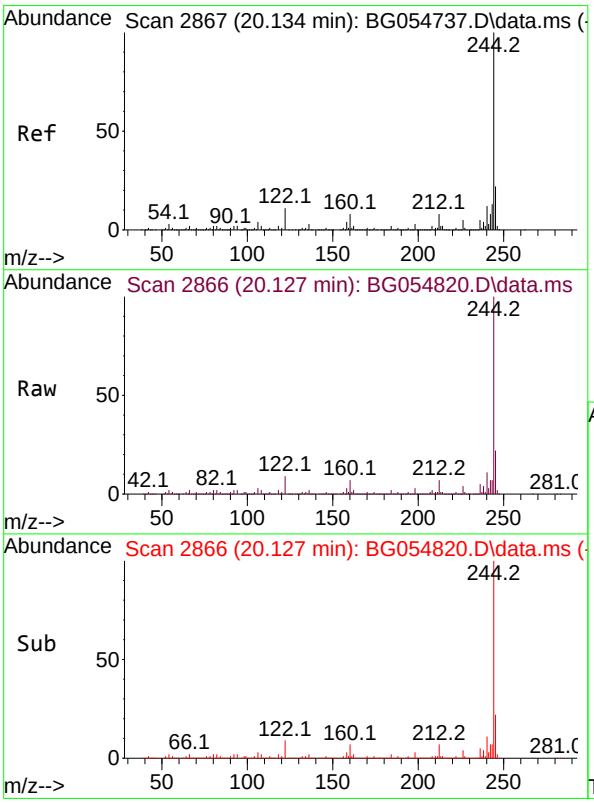
#78
Pyrene
Concen: 4.164 ng
RT: 19.933 min Scan# 28
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:202 Resp: 74592

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	18.2	14.6	21.8

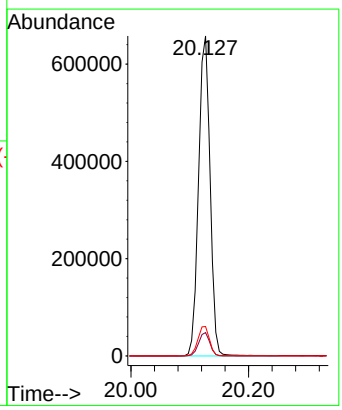


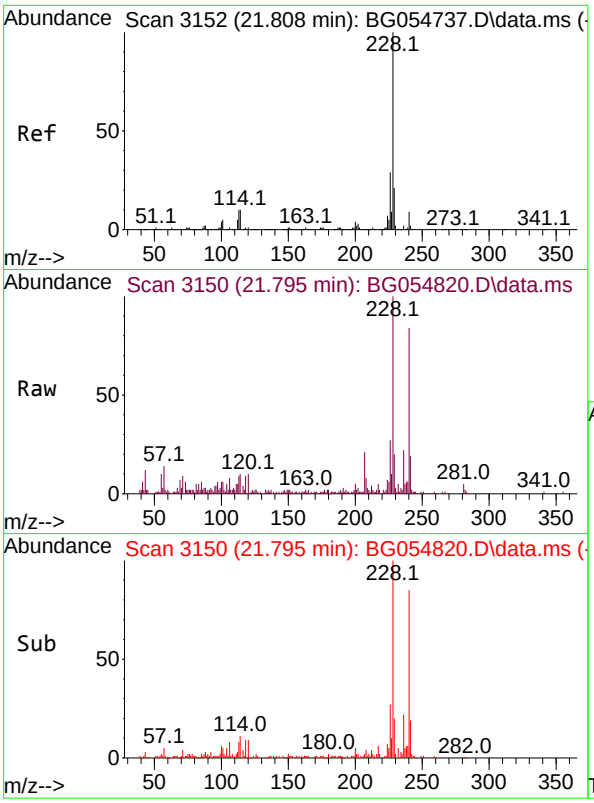


#79
Terphenyl-d14
Concen: 68.801 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:244 Resp: 892050

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.2	9.0	13.6



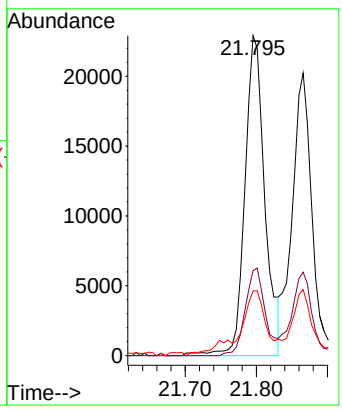


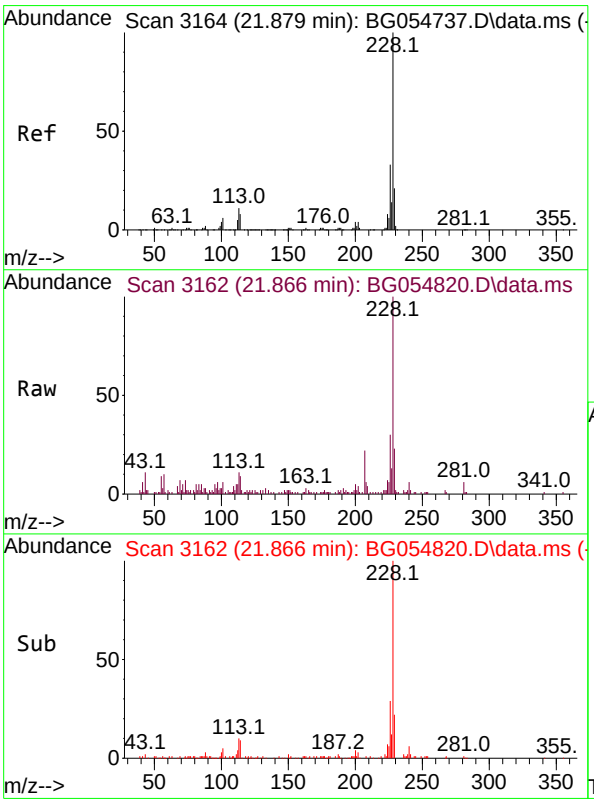
#81
Benzo(a)anthracene
Concen: 2.559 ng
RT: 21.795 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:228 Resp: 44582

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.2
229	20.3	16.5	24.7

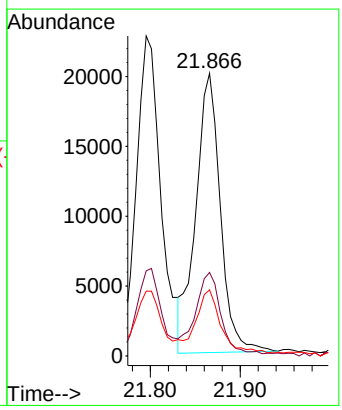


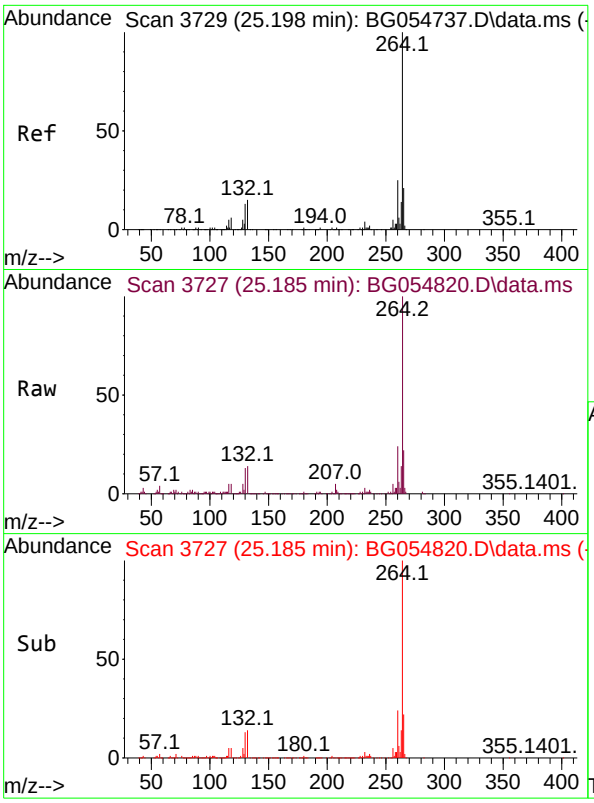


#83
Chrysene
Concen: 2.290 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.013 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:228 Resp: 38147

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.5	38.3
229	23.3	16.8	25.2



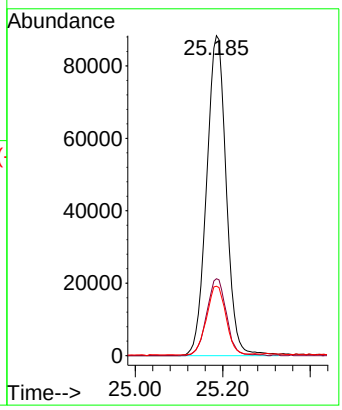


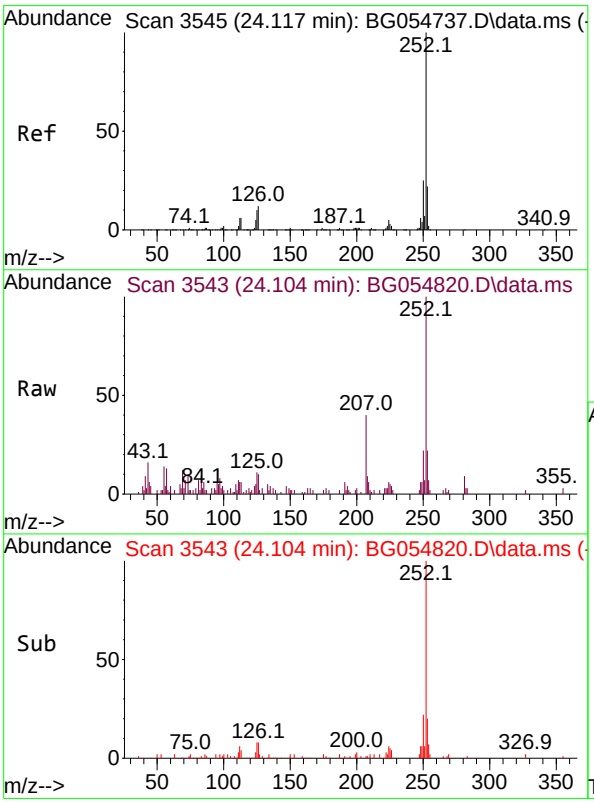
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.185 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

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

Tgt Ion:264 Resp: 275367

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.7	16.9	25.3





#88
Benzo(b)fluoranthene
Concen: 2.104 ng
RT: 24.104 min Scan# 3543
Delta R.T. -0.013 min
Lab File: BG054820.D
Acq: 1 Sep 2022 13:23

Tgt Ion:252 Resp: 36341

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.5	8.1	12.1