Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130491.D
Acq On : 30 Sep 2022 18:52
Operator : CG\JU
Sample : N4895-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Quant Time: Oct 01 01:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

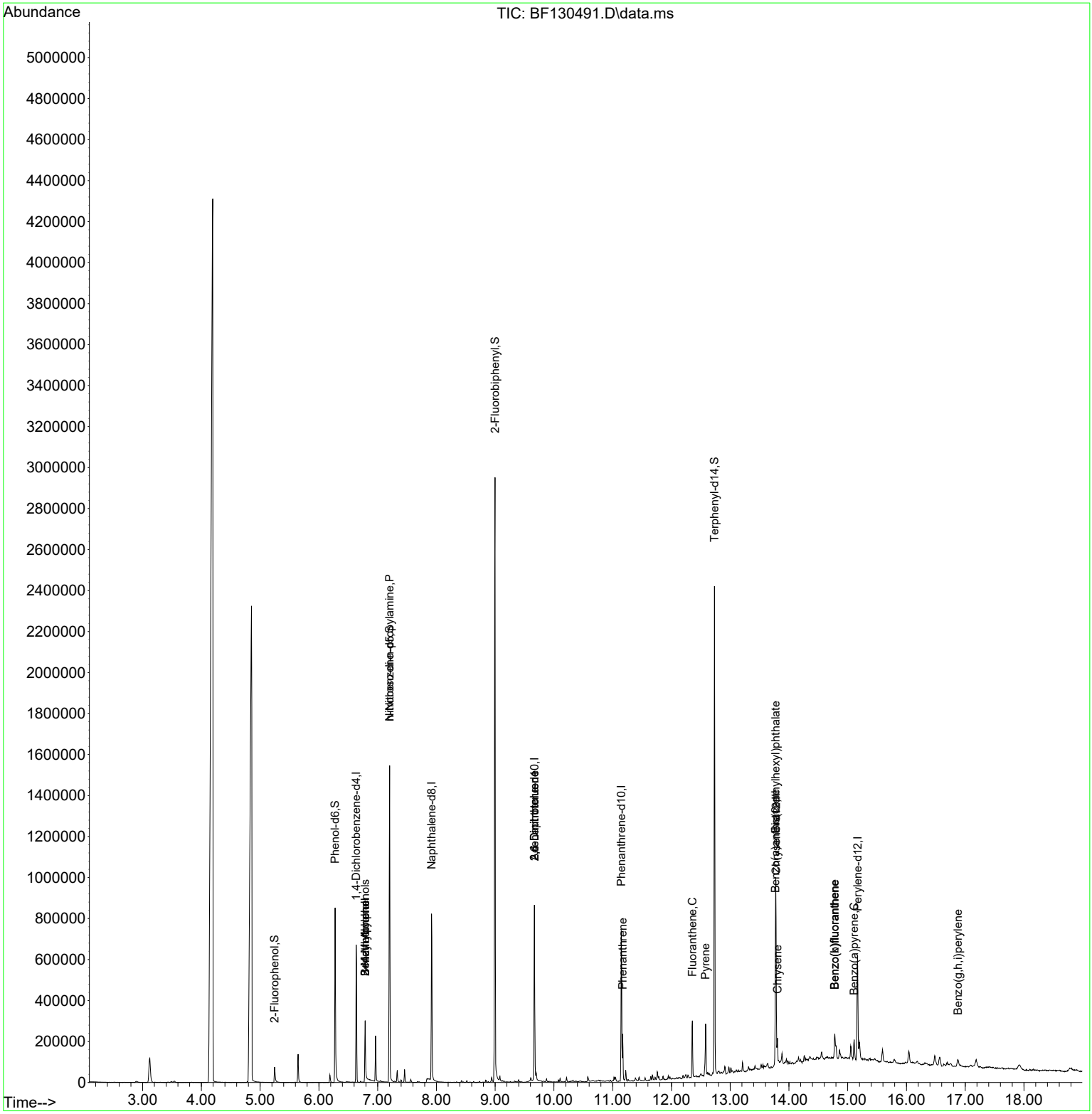
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	98699	20.000	ng		-0.01
21) Naphthalene-d8	7.916	136	367579	20.000	ng		-0.01
39) Acenaphthene-d10	9.669	164	180311	20.000	ng		-0.01
64) Phenanthrene-d10	11.145	188	274722	20.000	ng		-0.01
76) Chrysene-d12	13.780	240	190486	20.000	ng		-0.01
86) Perylene-d12	15.168	264	230949	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	26817	4.713	ng		0.00
7) Phenol-d6	6.275	99	273877	38.465	ng		-0.02
23) Nitrobenzene-d5	7.204	82	476180	66.183	ng		-0.01
42) 2,4,6-Tribromophenol	10.457	330	184	0.106	ng		-0.01
45) 2-Fluorobiphenyl	8.998	172	910009	73.492	ng		-0.01
79) Terphenyl-d14	12.733	244	758743	65.981	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.787	79	62416	11.056	ng		93
17) 2-Methylphenol	6.787	107	37362	7.090	ng	#	17
19) n-Nitroso-di-n-propyla...	7.204	70	64465	13.418	ng	#	71
20) 3+4-Methylphenols	6.787	107	37361	5.458	ng	#	37
51) 2,6-Dinitrotoluene	9.669	165	22803	8.754	ng	#	16
57) 2,4-Dinitrotoluene	9.669	165	22803	6.850	ng	#	16
71) Phenanthrene	11.169	178	75334	4.884	ng		98
75) Fluoranthene	12.357	202	112539	7.551	ng		96
78) Pyrene	12.580	202	97961	5.879	ng		98
81) Benzo(a)anthracene	13.769	228	47503	3.749	ng		98
83) Chrysene	13.804	228	42577	3.539	ng		97
84) Bis(2-ethylhexyl)phtha...	13.774	149	115012	16.265	ng	#	97
88) Benzo(b)fluoranthene	14.780	252	81290	5.393	ng	#	97
89) Benzo(k)fluoranthene	14.780	252	81290	5.482	ng	#	96
90) Benzo(a)pyrene	15.110	252	42142	3.529	ng		99
92) Benzo(g,h,i)perylene	16.874	276	27569	2.037	ng		96

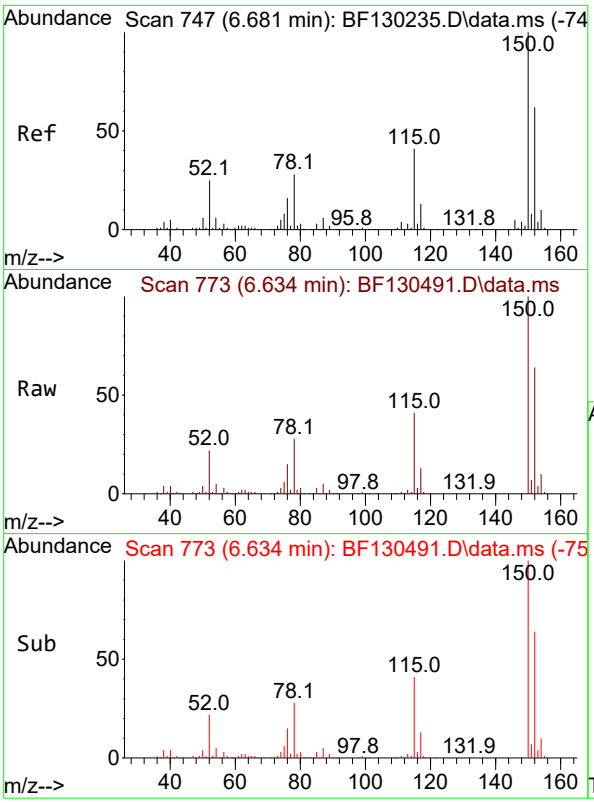
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130491.D
Acq On : 30 Sep 2022 18:52
Operator : CG\JU
Sample : N4895-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Quant Time: Oct 01 01:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration



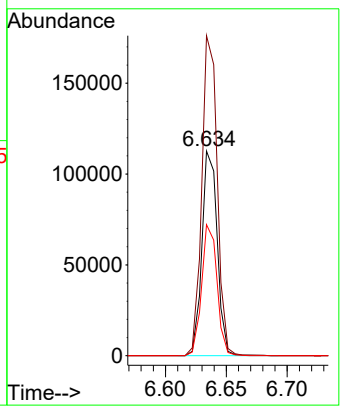


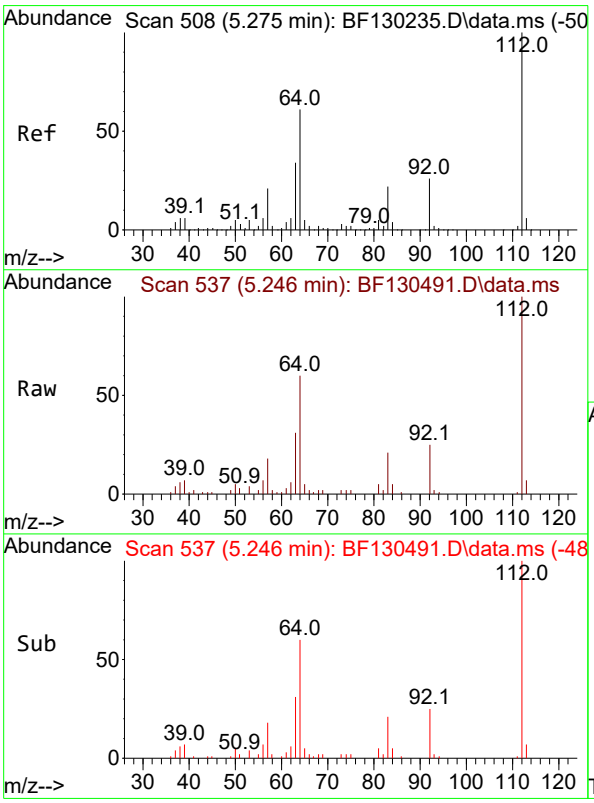
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:152 Resp: 98699

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.8	184.2
115	64.1	53.8	80.8

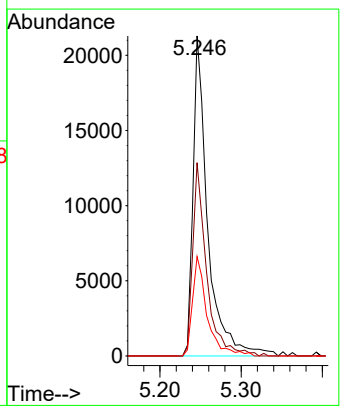


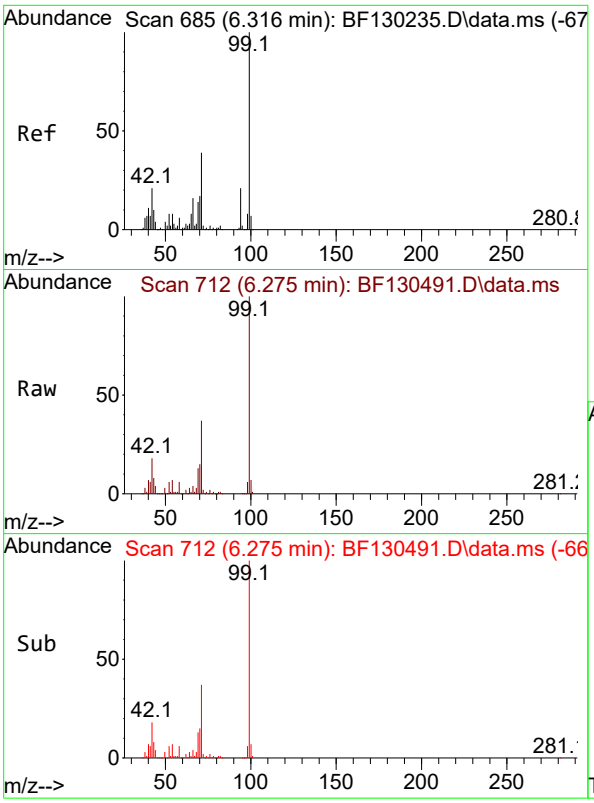


#5
2-Fluorophenol
Concen: 4.713 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:112 Resp: 26817

Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.4	77.0
63	31.0	28.8	43.2



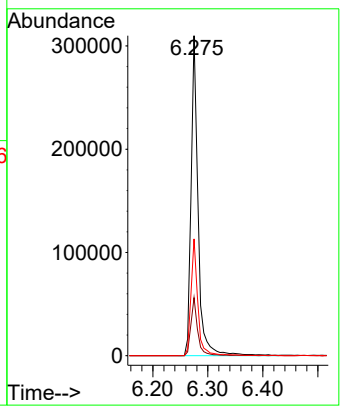


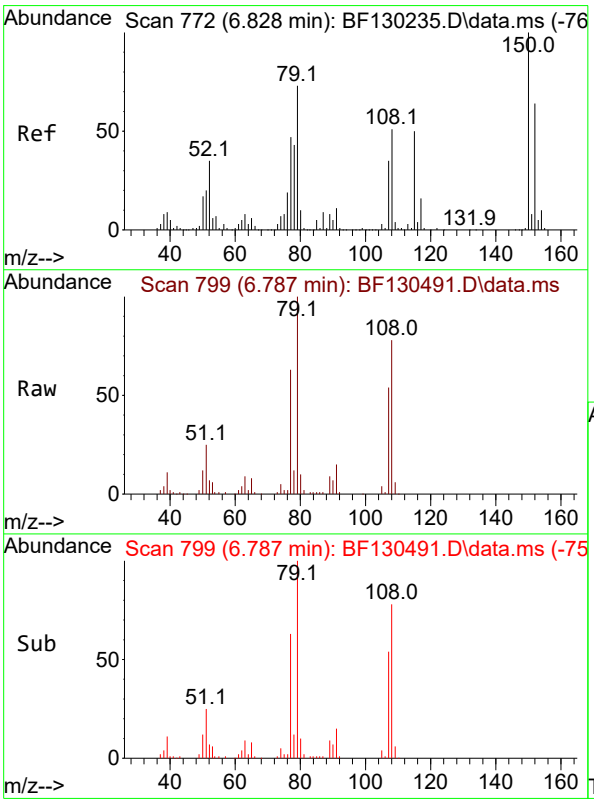
#7
Phenol-d6
Concen: 38.465 ng
RT: 6.275 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion: 99 Resp: 273877

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.0	25.6
71	36.5	32.3	48.5

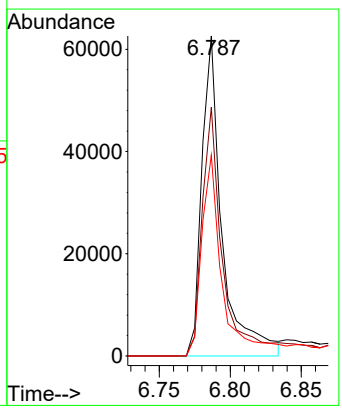


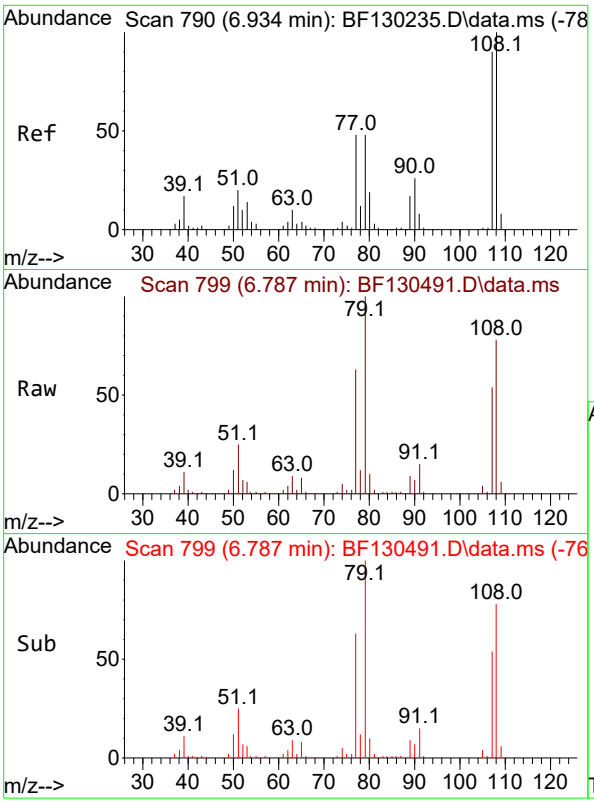


#15
Benzyl Alcohol
Concen: 11.056 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion: 79 Resp: 62416

Ion	Ratio	Lower	Upper
79	100		
108	77.7	54.0	81.0
77	62.7	51.3	76.9



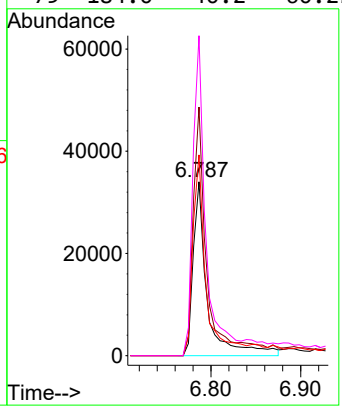


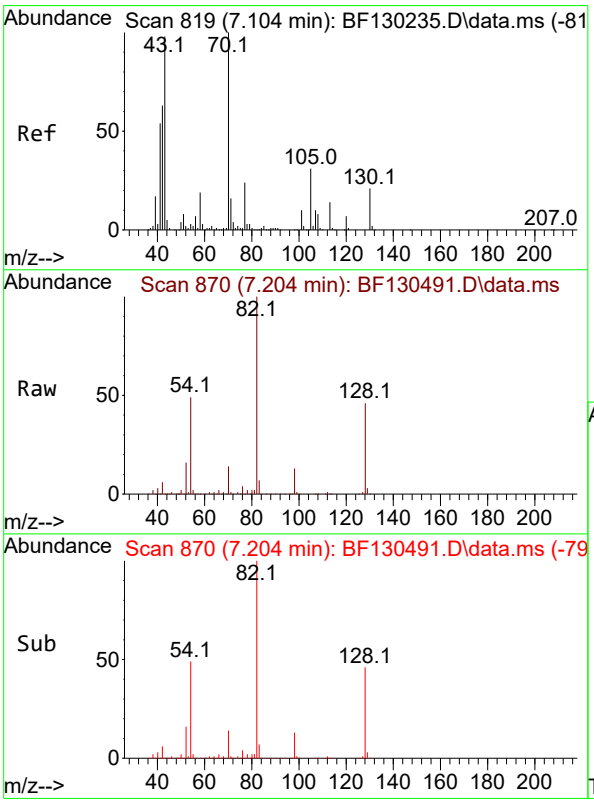
#17
2-Methylphenol
Concen: 7.090 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.123 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:107 Resp: 37362

Ion	Ratio	Lower	Upper
107	100		
108	143.0	89.4	134.0#
77	115.4	40.6	60.8#
79	184.0	40.2	60.2#

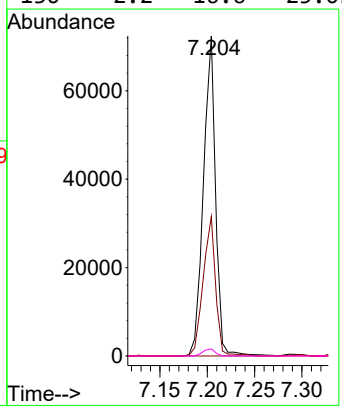


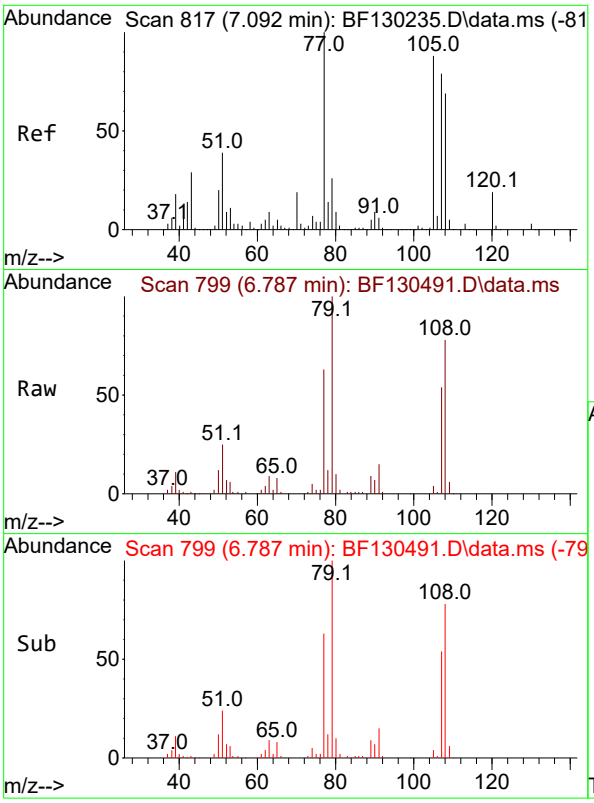


#19
n-Nitroso-di-n-propylamine
Concen: 13.418 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion: 70 Resp: 64465

Ion	Ratio	Lower	Upper
70	100		
42	43.5	50.8	76.2#
101	0.0	8.2	12.4#
130	2.2	16.6	25.0#



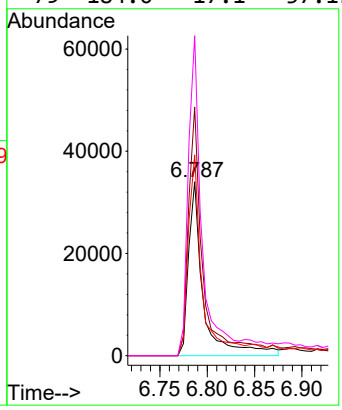


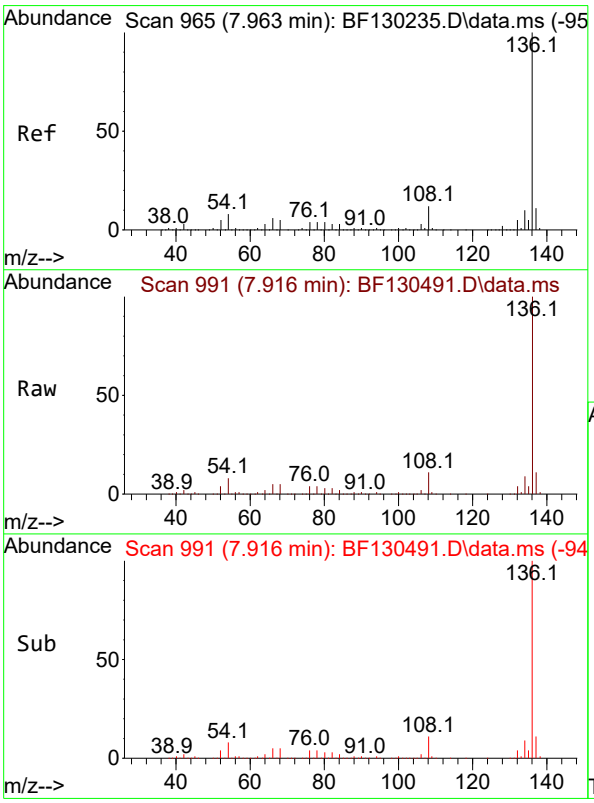
#20
3+4-Methylphenols
Concen: 5.458 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.282 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:107 Resp: 37361

Ion	Ratio	Lower	Upper
107	100		
108	143.0	74.8	114.8#
77	115.4	125.8	165.8#
79	184.0	17.1	57.1#

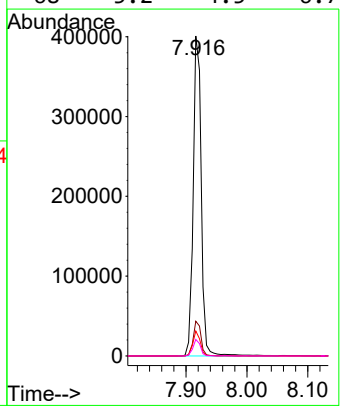


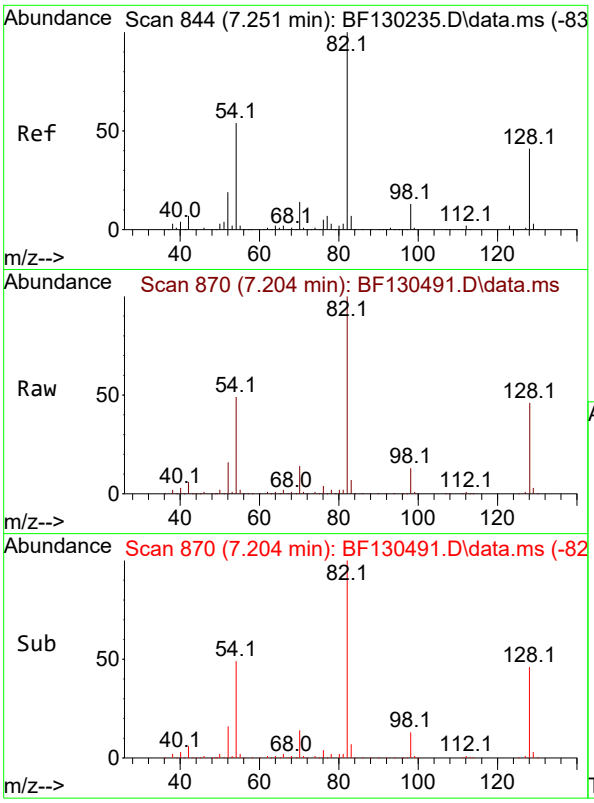


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:136 Resp: 367579

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.8	7.1	10.7
68	5.2	4.5	6.7



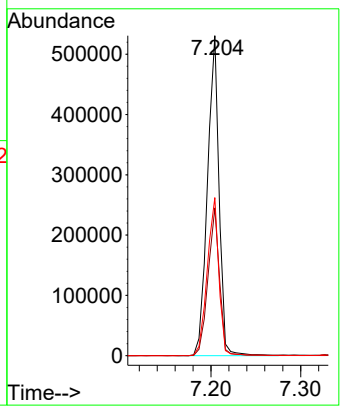


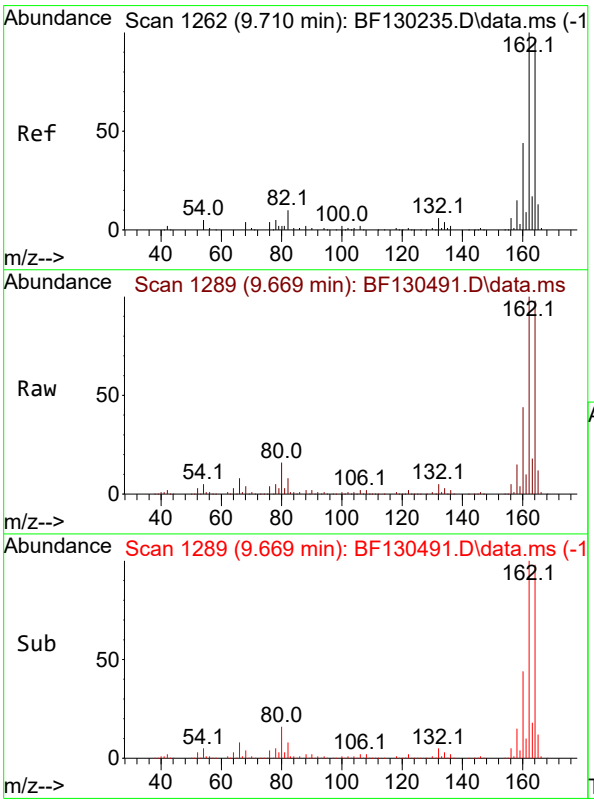
#23
Nitrobenzene-d5
Concen: 66.183 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion: 82 Resp: 476180

Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.6	49.0
54	49.4	43.8	65.6

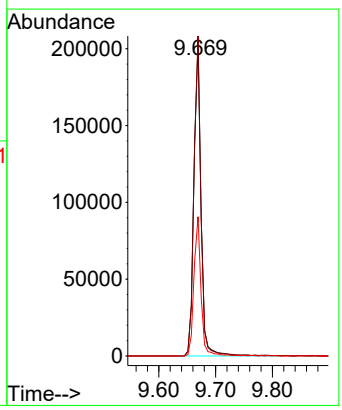


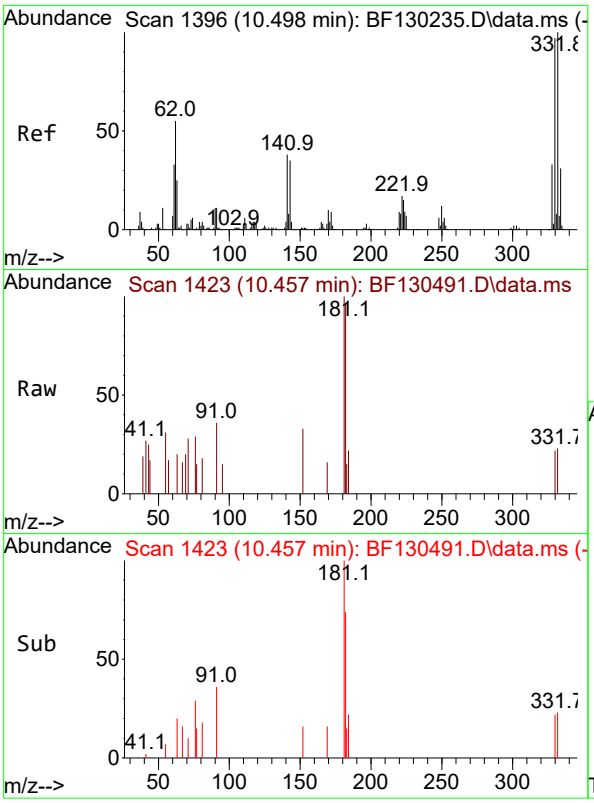


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:164 Resp: 180311

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.5	36.2	54.4



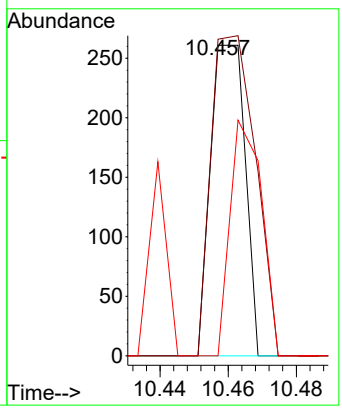


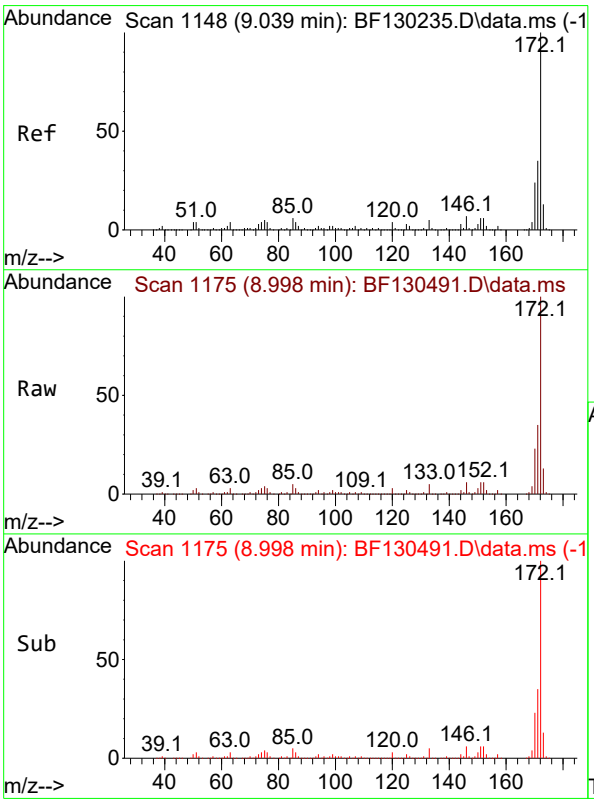
#42
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:330 Resp: 184

Ion	Ratio	Lower	Upper
330	100		
332	132.6	83.4	125.2#
141	69.6	34.0	51.0#

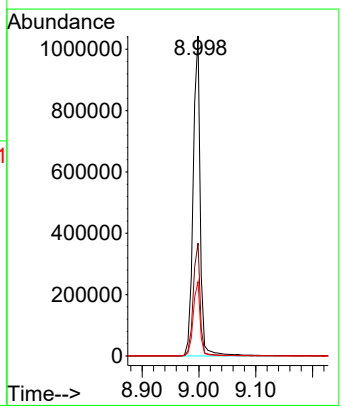


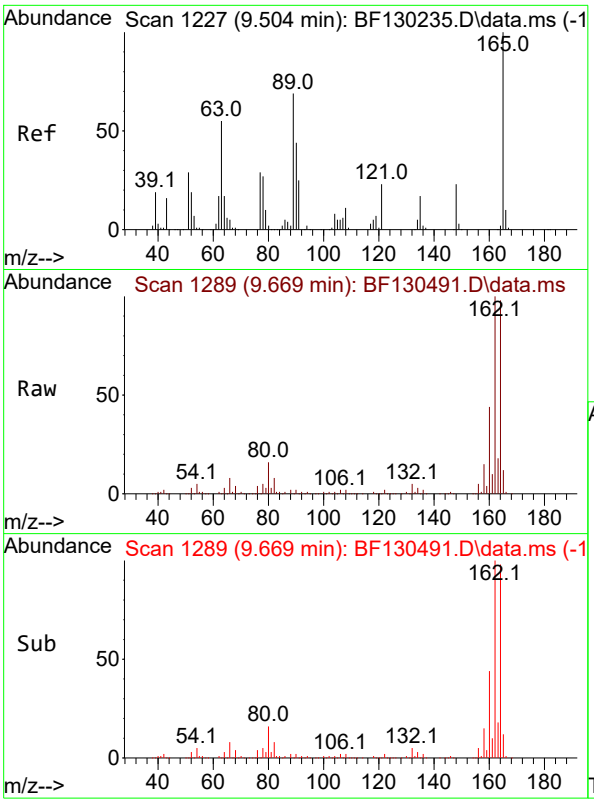


#45
2-Fluorobiphenyl
Concen: 73.492 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:172 Resp: 910009

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.2	18.7	28.1



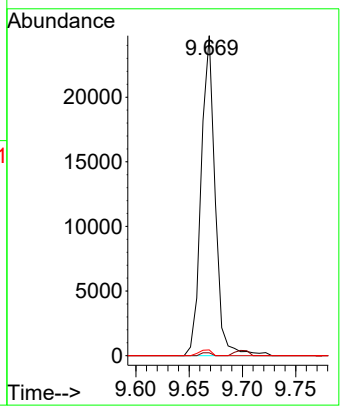


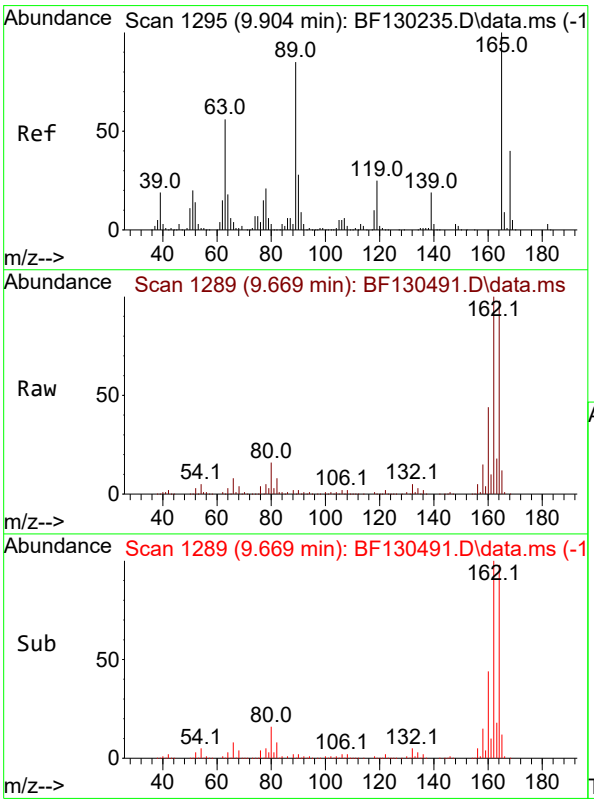
#51
2,6-Dinitrotoluene
Concen: 8.754 ng
RT: 9.669 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:165 Resp: 22803

Ion	Ratio	Lower	Upper
165	100		
63	0.9	58.8	88.2#
89	1.8	54.5	81.7#

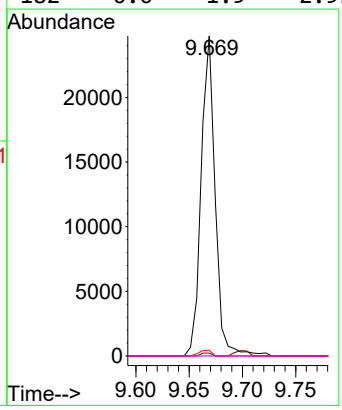


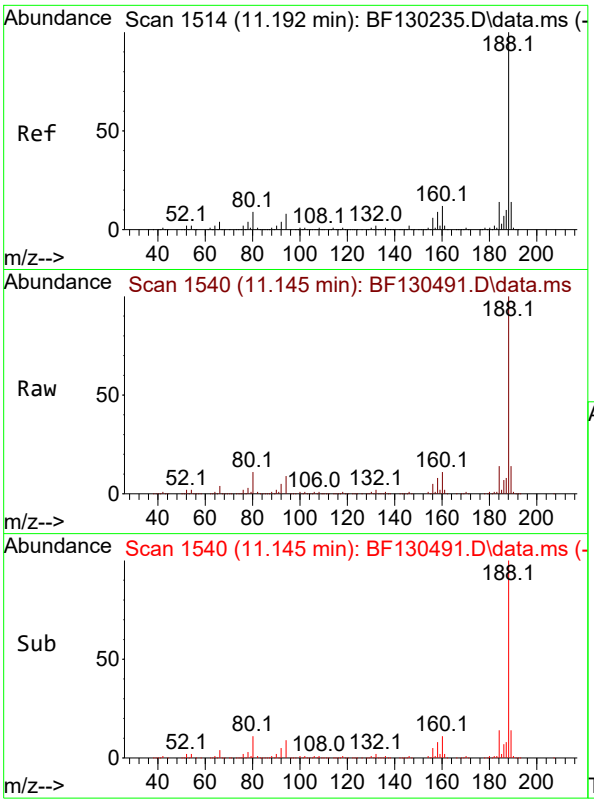


#57
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:165 Resp: 22803

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.8	69.0	103.4#
182	0.0	1.9	2.9#



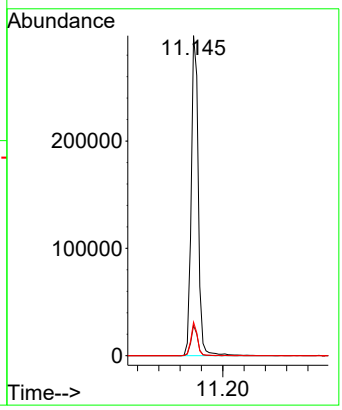


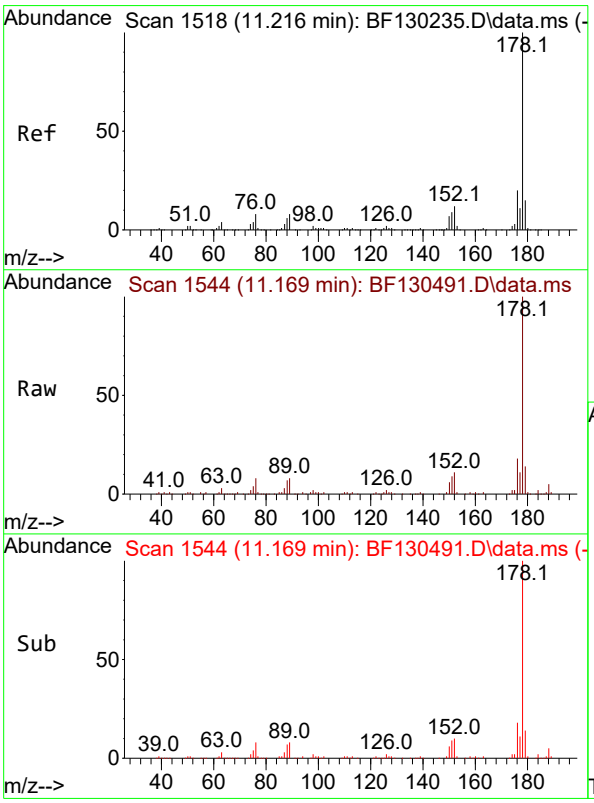
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:188 Resp: 274722

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.5	7.9	11.9

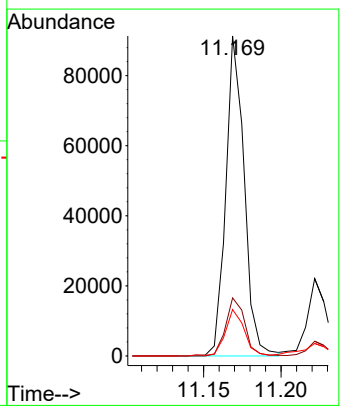


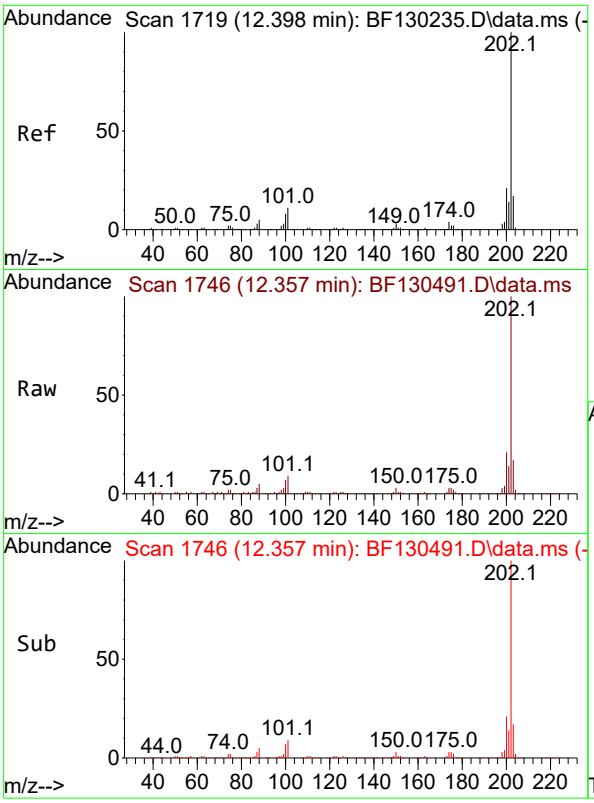


#71
Phenanthrene
Concen: 4.884 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.018 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:178 Resp: 75334

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.5	12.4	18.6



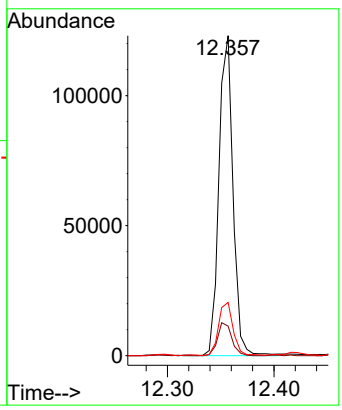


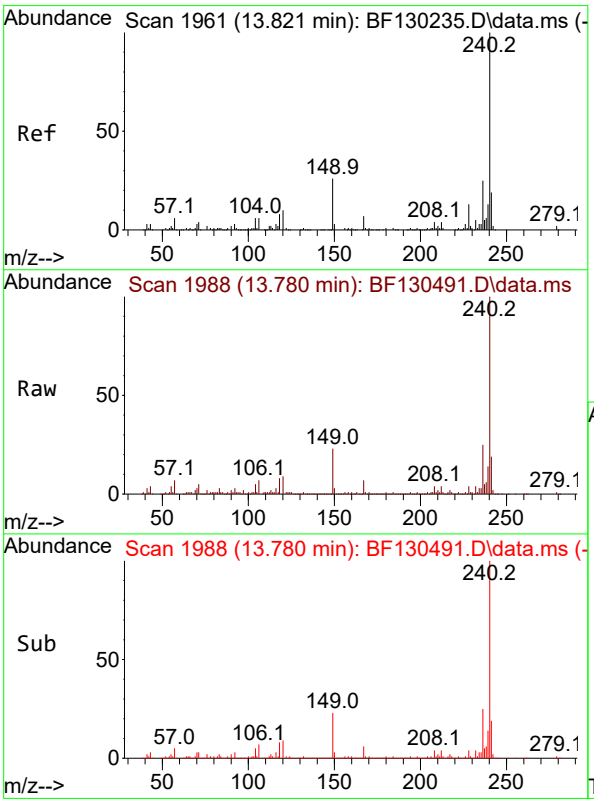
#75
Fluoranthene
Concen: 7.551 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:202 Resp: 112539

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	31.8
203	16.6	0.0	37.8

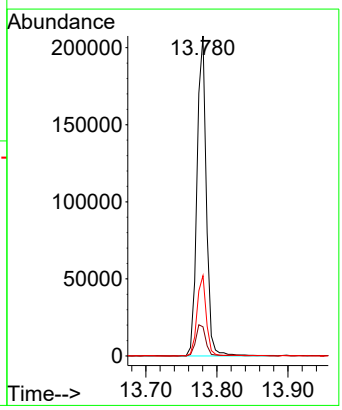


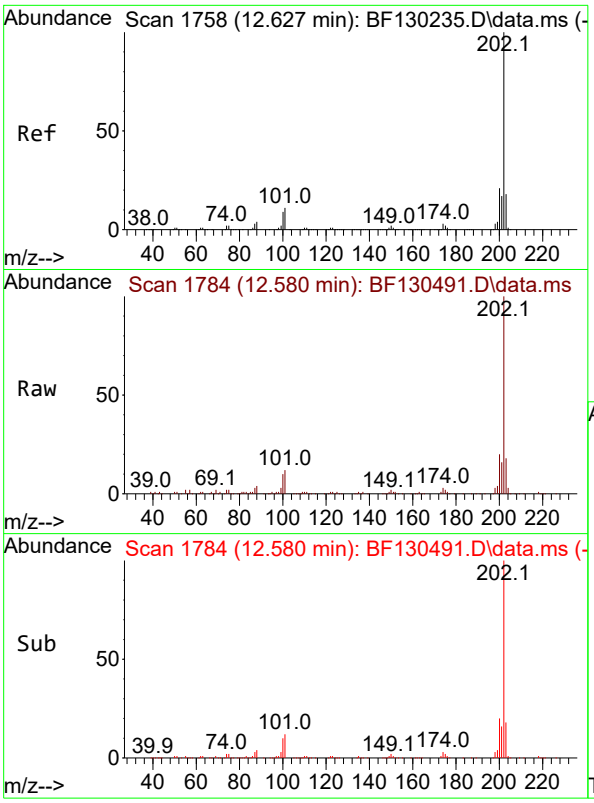


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:240 Resp: 190486

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.7	13.1
236	25.1	20.9	31.3



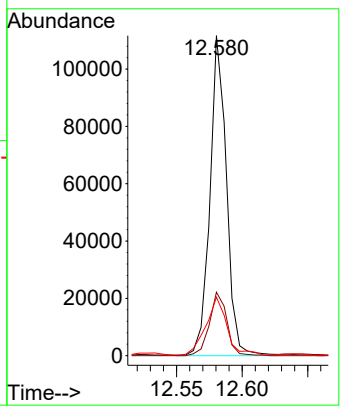


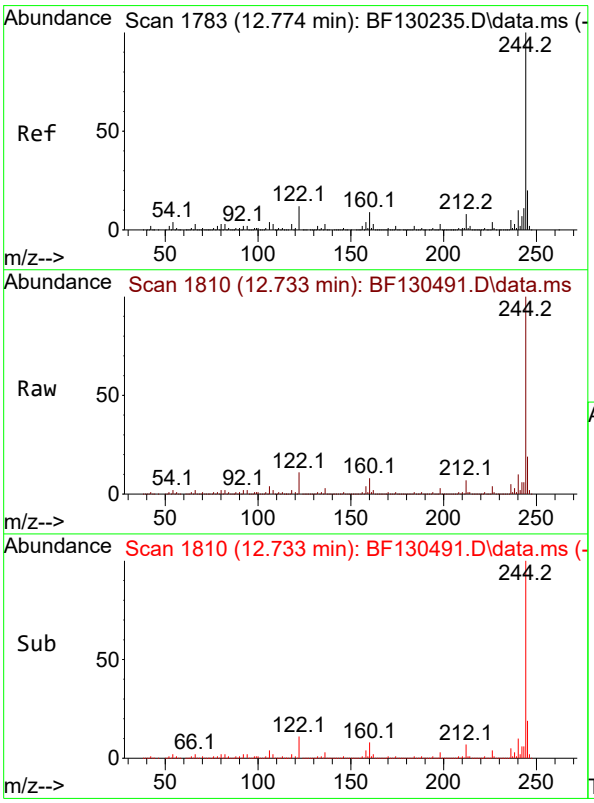
#78
Pyrene
Concen: 5.879 ng
RT: 12.580 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:202 Resp: 97961

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.2	25.8
203	18.3	14.3	21.5

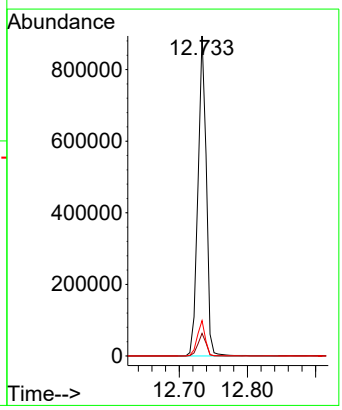


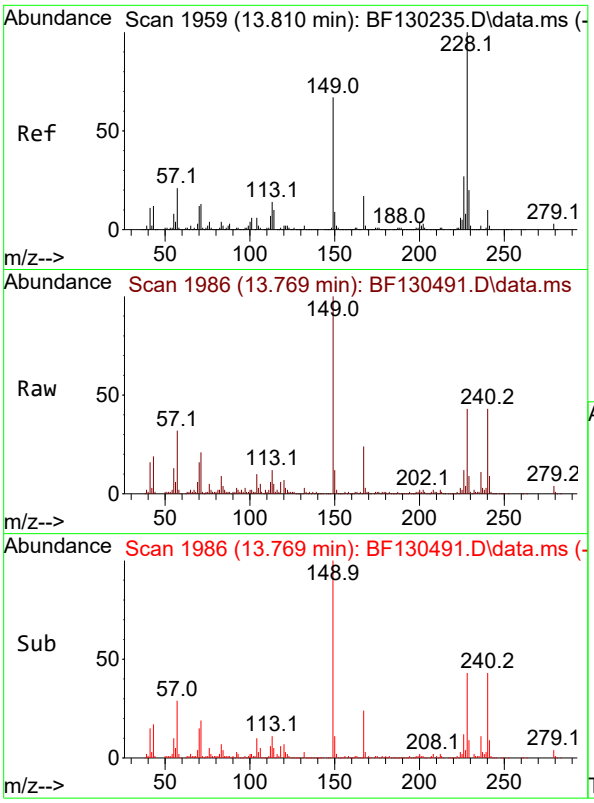


#79
Terphenyl-d14
Concen: 65.981 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:244 Resp: 758743

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.0	8.5	12.7



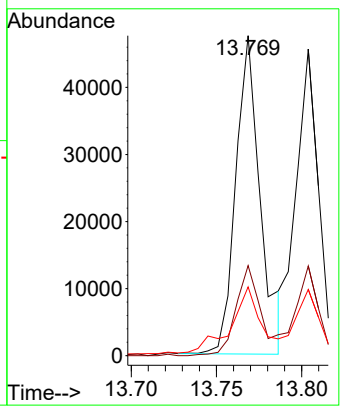


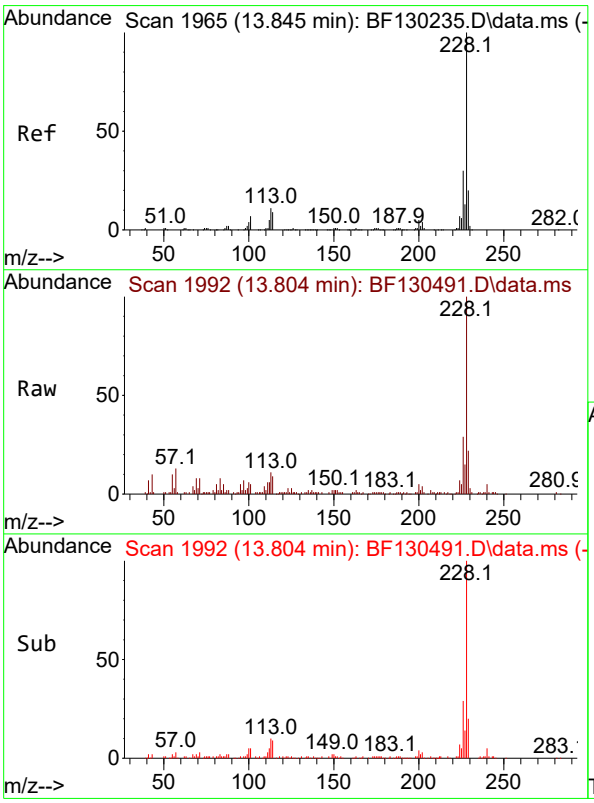
#81
Benzo(a)anthracene
Concen: 3.749 ng
RT: 13.769 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:228 Resp: 47503

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.9	32.9
229	21.5	16.1	24.1

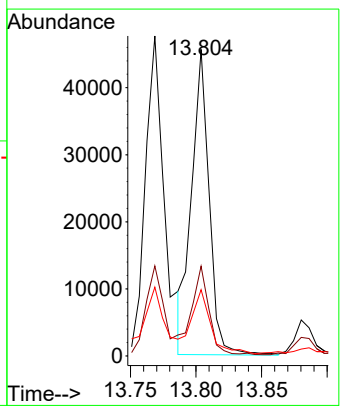


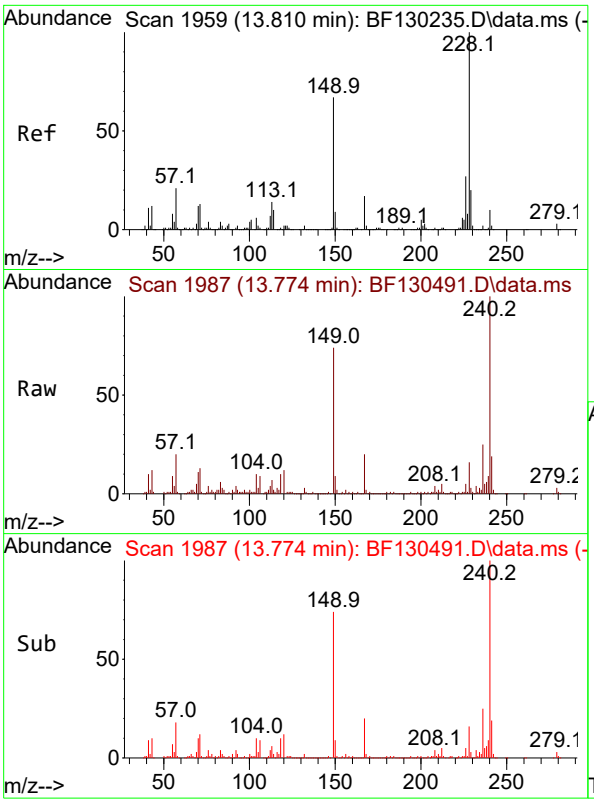


#83
Chrysene
Concen: 3.539 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:228 Resp: 42577

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	21.6	15.3	22.9



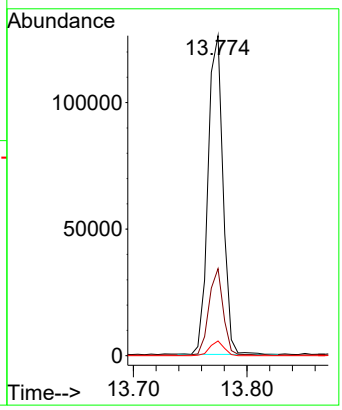


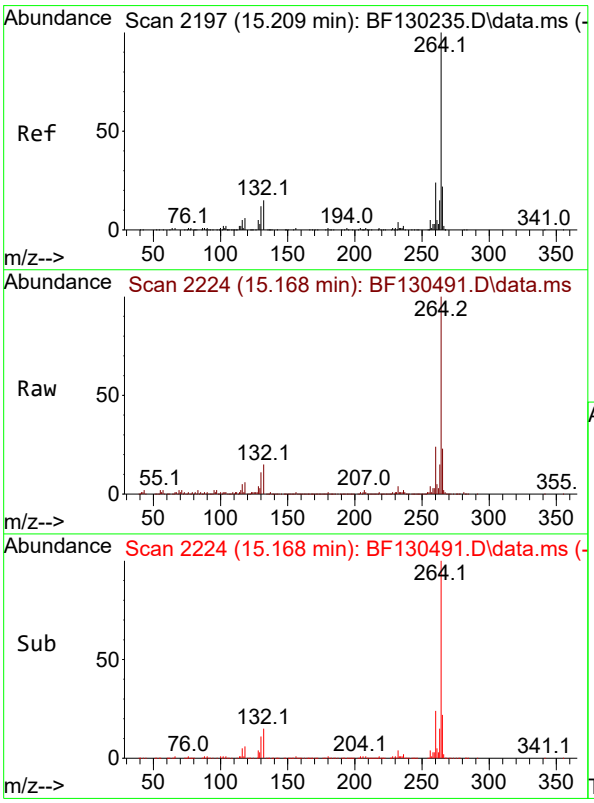
#84
Bis(2-ethylhexyl)phthalate
Concen: 16.265 ng
RT: 13.774 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:149 Resp: 115012

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.5	30.7
279	4.6	2.9	4.3#

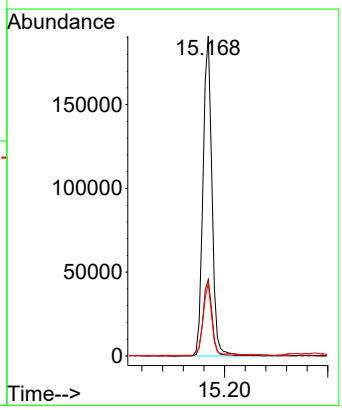


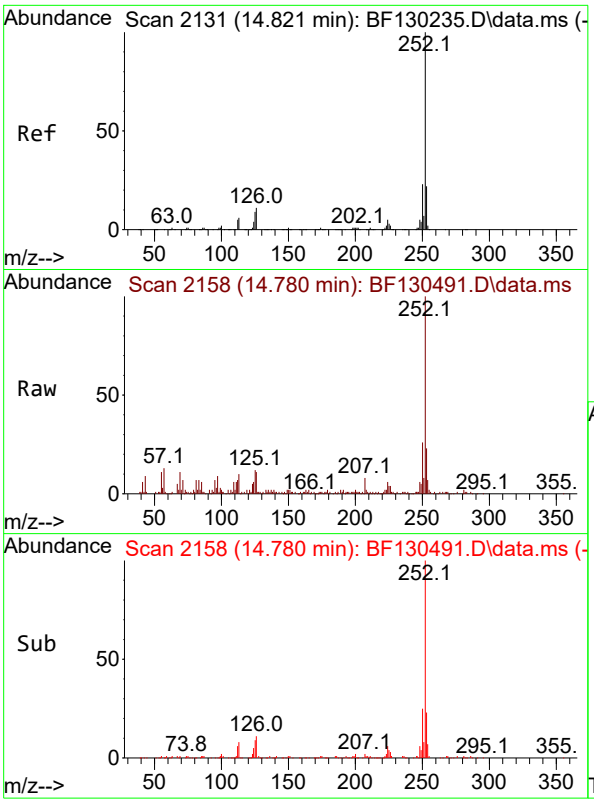


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:264 Resp: 230949

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.6	17.0	25.4



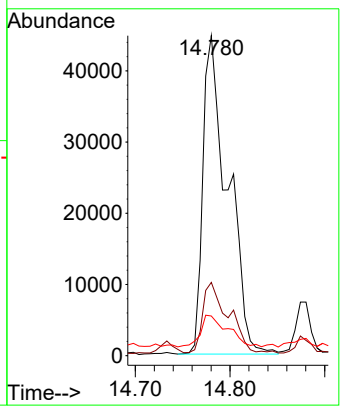


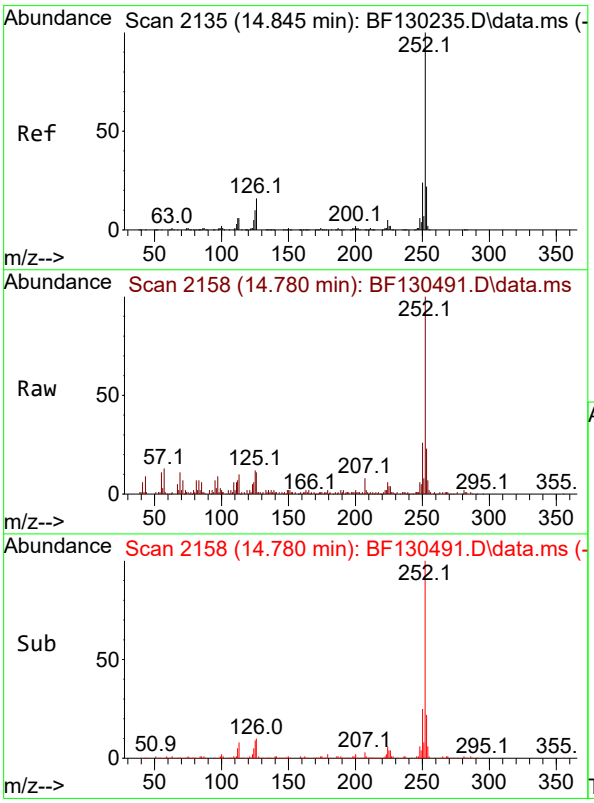
#88
Benzo(b)fluoranthene
Concen: 5.393 ng
RT: 14.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:252 Resp: 81290

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.4	8.1	12.1#

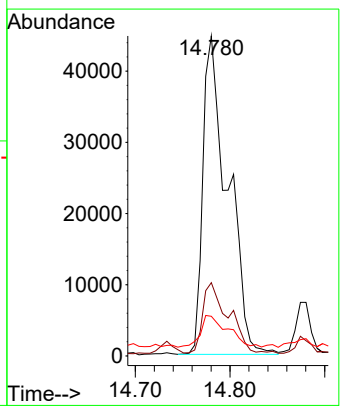


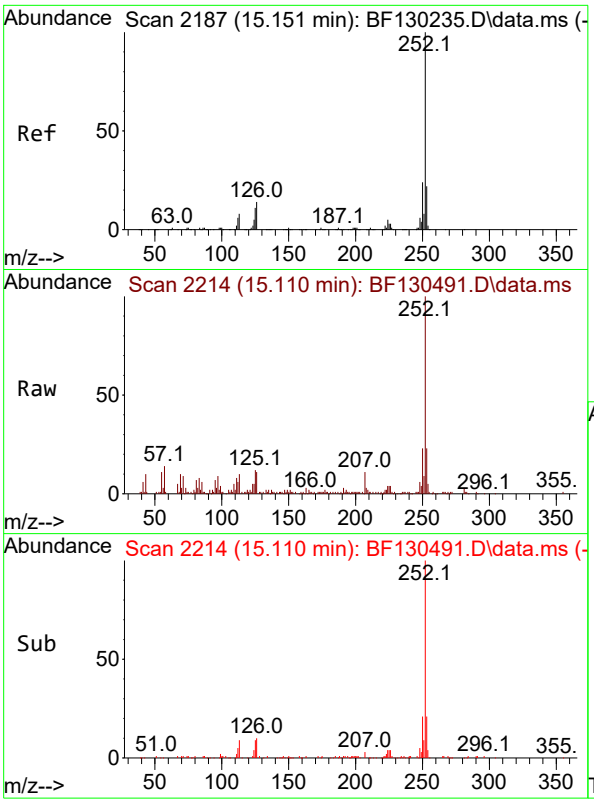


#89
Benzo(k)fluoranthene
Concen: 5.482 ng
RT: 14.780 min Scan# 2158
Delta R.T. -0.035 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:252 Resp: 81290

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	12.4	7.9	11.9#



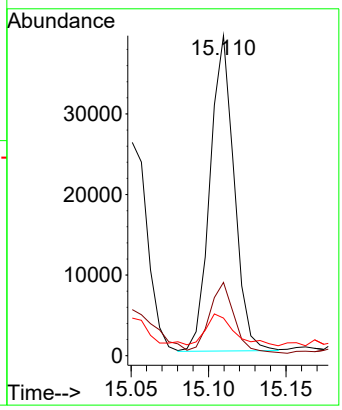


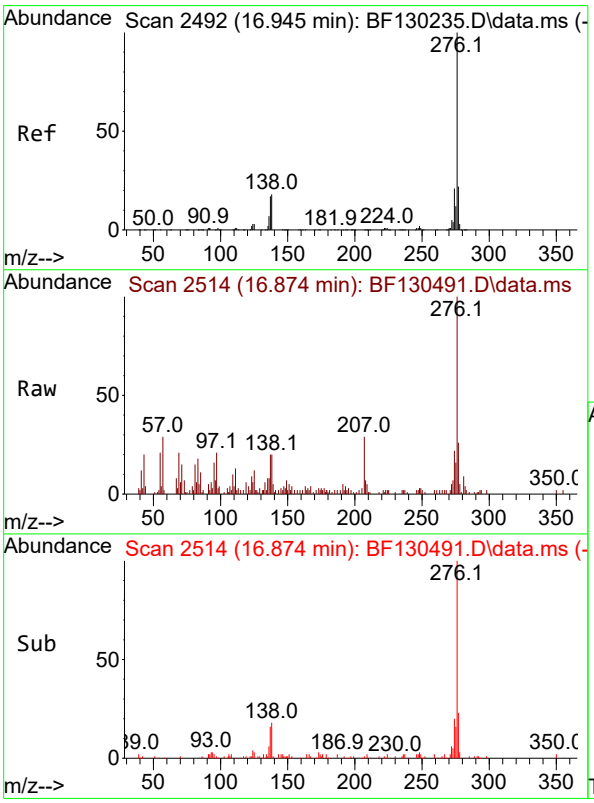
#90
Benzo(a)pyrene
Concen: 3.529 ng
RT: 15.110 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8RE

Tgt Ion:252 Resp: 42142

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.8	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 2.037 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF130491.D
Acq: 30 Sep 2022 18:52

Tgt Ion:276 Resp: 27569

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	27.8
138	20.0	14.6	21.8