Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131113.D
Acq On : 10 Nov 2022 04:31
Operator : CG\JU
Sample : N5511-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Quant Time: Nov 10 05:21:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	94522	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	341964	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	159688	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	253904	20.000	ng		0.00
76) Chrysene-d12	14.080	240	193105	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	138849	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	270119	48.599	ng		0.00
7) Phenol-d6	6.516	99	326694	44.959	ng		0.00
23) Nitrobenzene-d5	7.457	82	209012	27.577	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	65875	39.916	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	364720	31.883	ng		0.00
79) Terphenyl-d14	13.016	244	323679	29.389	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	28836	6.044	ng	#	72
25) Isophorone	7.457	82	209009	17.835	ng	#	68
31) Naphthalene	8.198	128	353154	18.900	ng		99
32) Benzoic acid	7.957	122	1623	6.125	ng	#	25
33) 4-Chloroaniline	8.198	127	46333	6.184	ng	#	29
35) Caprolactam	8.886	113	4101	2.505	ng	#	1
37) 2-Methylnaphthalene	8.892	142	150189	12.469	ng		99
38) 1-Methylnaphthalene	8.986	142	96893	8.214	ng		96
46) 1,1'-Biphenyl	9.351	154	31080	2.517	ng		96
49) Acenaphthylene	9.798	152	62105	4.057	ng		97
51) 2,6-Dinitrotoluene	9.933	165	25605	10.257	ng	#	14
52) Acenaphthene	9.969	154	153815	16.843	ng		99
55) Dibenzofuran	10.139	168	235576	17.419	ng		97
56) 4-Nitrophenol	10.139	139	97501	51.328	ng	#	1
58) Fluorene	10.486	166	304394	27.712	ng		98
71) Phenanthrene	11.463	178	1637064	117.231	ng		99
72) Anthracene	11.510	178	507250	37.426	ng		99
73) Carbazole	11.657	167	168202	13.956	ng		99
75) Fluoranthene	12.657	202	1628152	116.477	ng		100
78) Pyrene	12.886	202	1430124	86.321	ng		98
81) Benzo(a)anthracene	14.074	228	752761	54.538	ng		98
83) Chrysene	14.110	228	603011	46.260	ng		97
87) Indeno(1,2,3-cd)pyrene	17.098	276	219929	21.665	ng		97
88) Benzo(b)fluoranthene	15.139	252	776166	79.065	ng		97
89) Benzo(k)fluoranthene	15.139	252	776166	82.260	ng		98
90) Benzo(a)pyrene	15.521	252	420989	53.491	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	57224	9.558	ng	#	86
92) Benzo(g,h,i)perylene	17.562	276	206181	23.560	ng		99

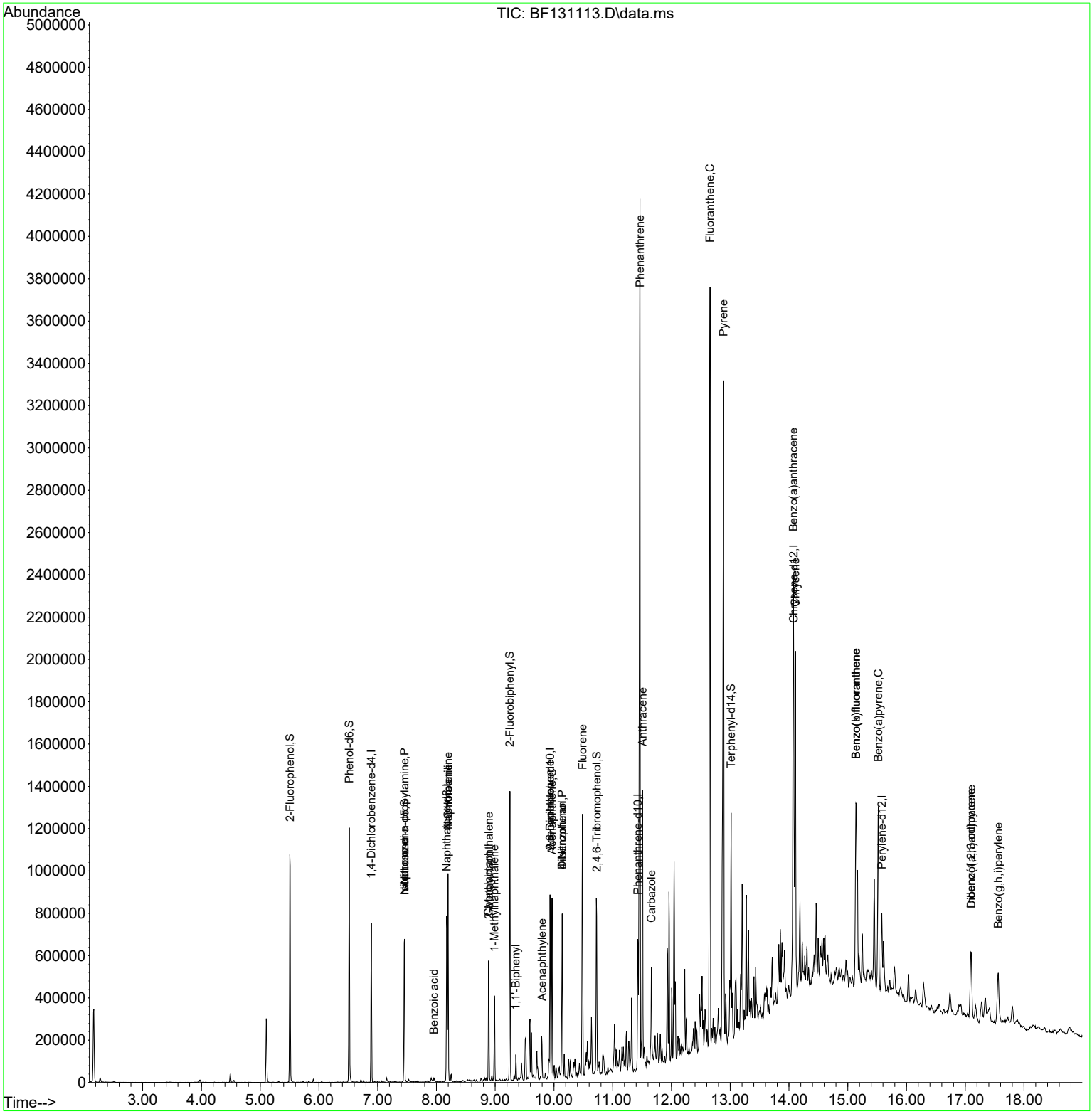
(#) = qualifier out of range (m) = manual integration (+) = signals summed

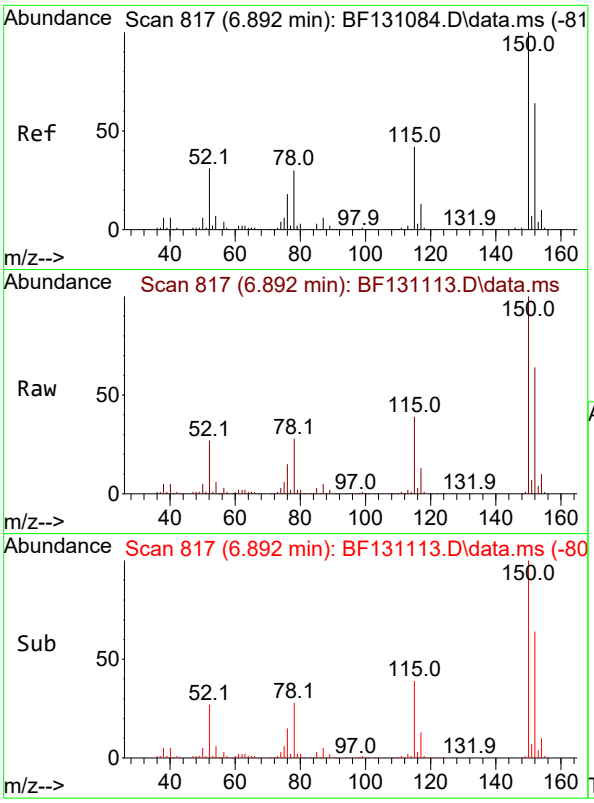
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131113.D
Acq On : 10 Nov 2022 04:31
Operator : CG\JU
Sample : N5511-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Quant Time: Nov 10 05:21:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration



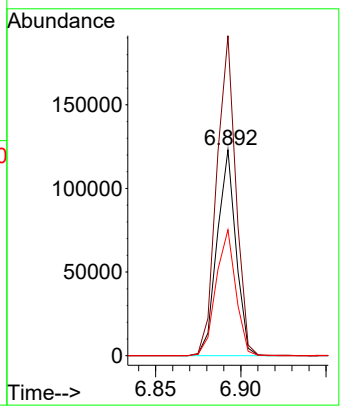


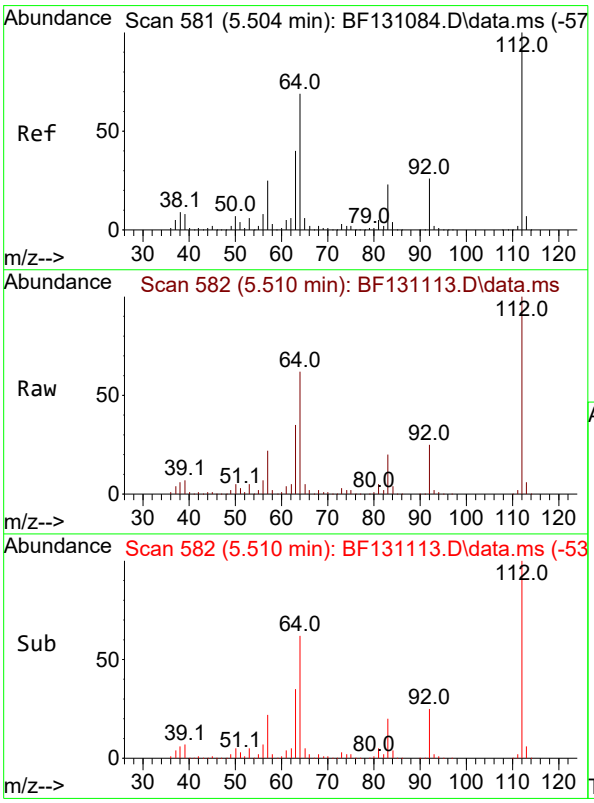
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:152 Resp: 94522

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.5	188.3
115	61.1	52.2	78.2

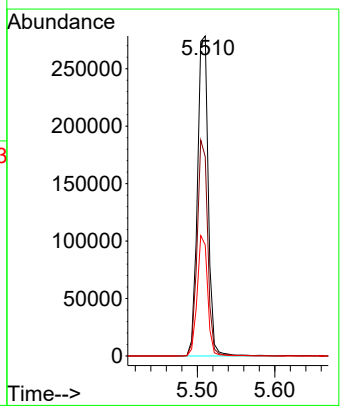


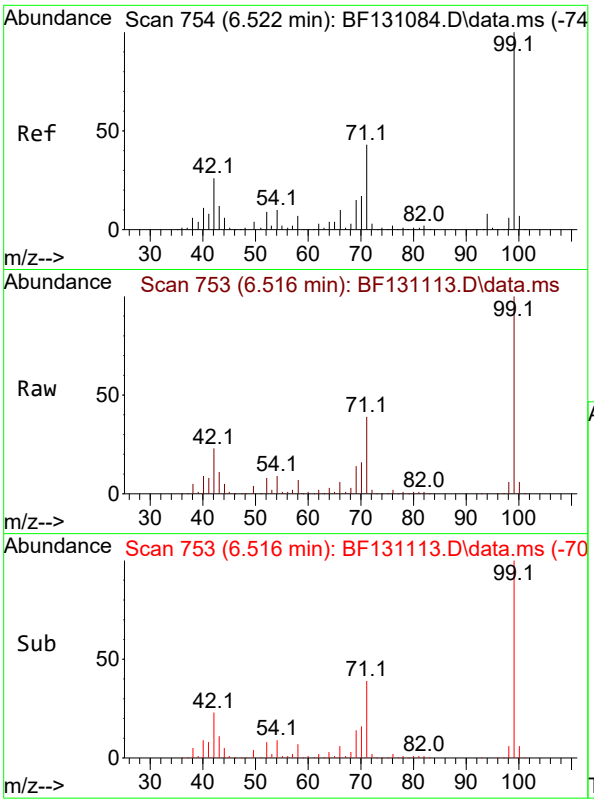


#5
2-Fluorophenol
Concen: 48.599 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:112 Resp: 270119

Ion	Ratio	Lower	Upper
112	100		
64	62.3	55.1	82.7
63	34.7	32.4	48.6



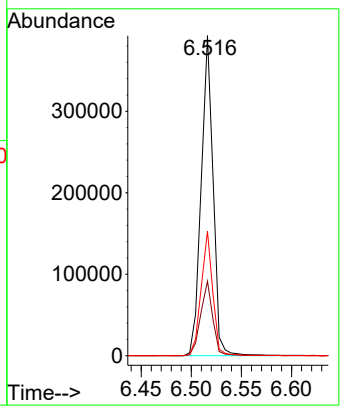


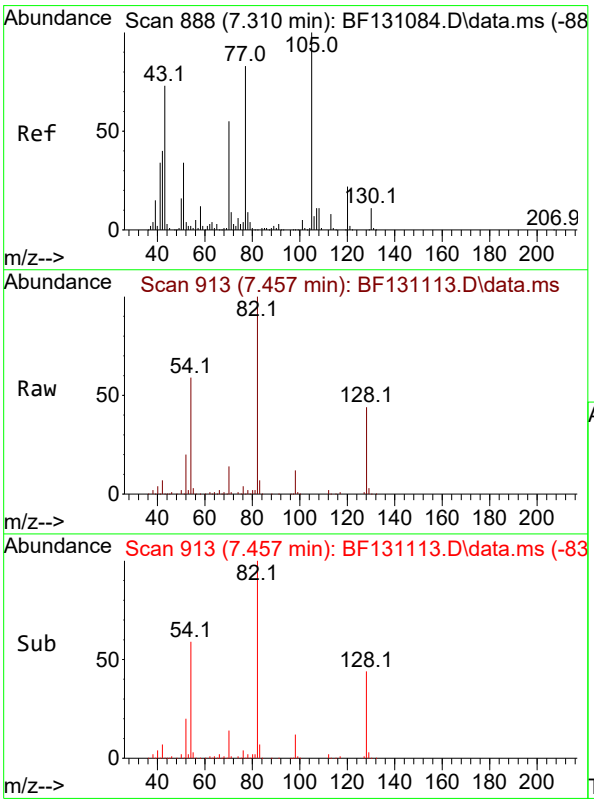
#7
Phenol-d6
Concen: 44.959 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion: 99 Resp: 326694

Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.8	31.2
71	39.0	34.2	51.4

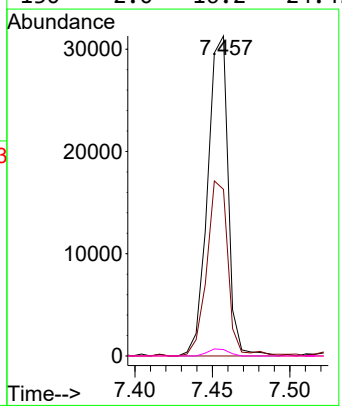


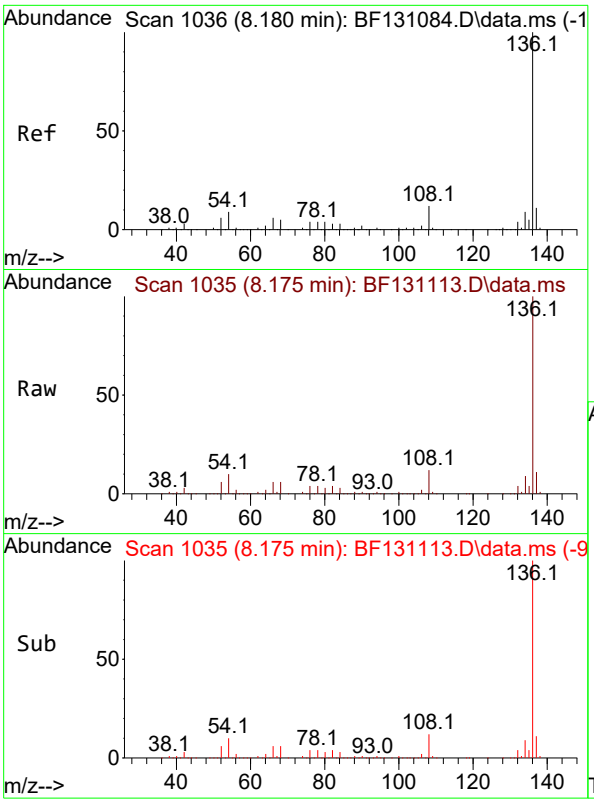


#19
n-Nitroso-di-n-propylamine
Concen: 6.044 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion: 70 Resp: 28836

Ion	Ratio	Lower	Upper
70	100		
42	52.0	58.3	87.5#
101	0.0	7.4	11.2#
130	2.0	16.2	24.4#



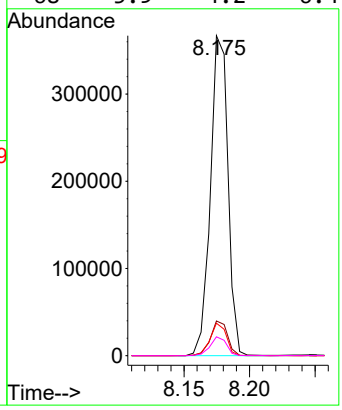


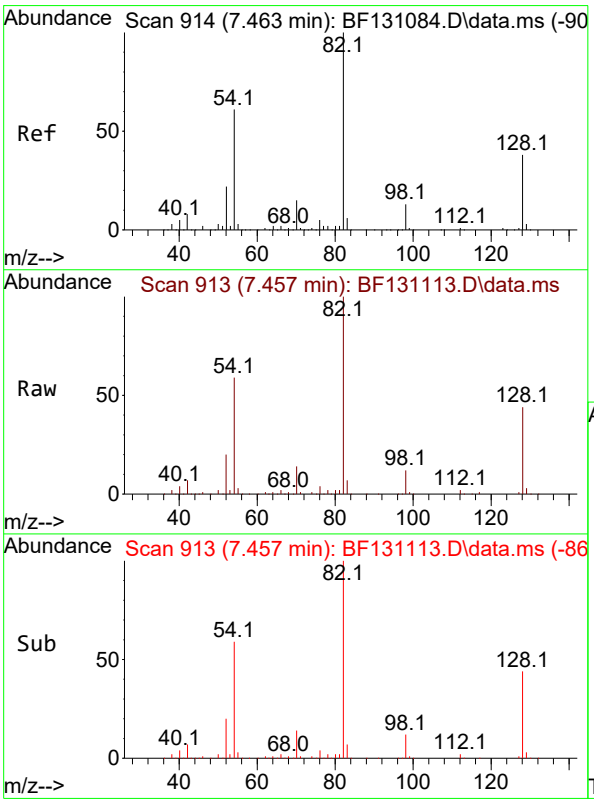
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:136 Resp: 341964

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.1	7.2	10.8
68	5.9	4.2	6.4

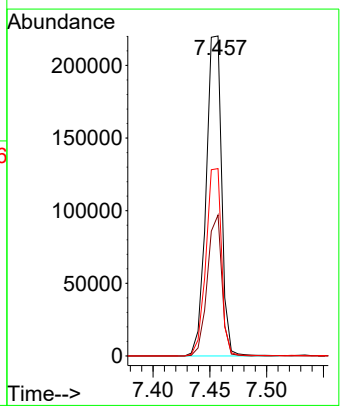


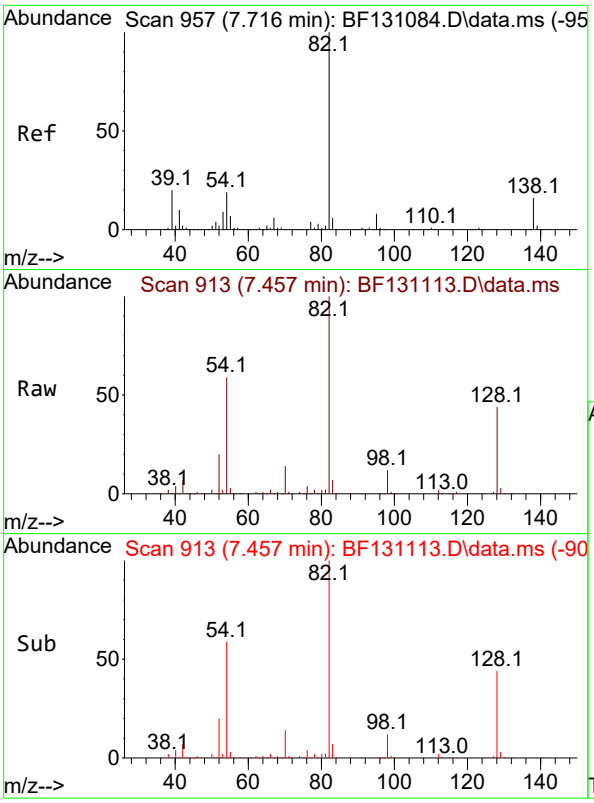


#23
Nitrobenzene-d5
Concen: 27.577 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion: 82 Resp: 209012

Ion	Ratio	Lower	Upper
82	100		
128	44.0	30.5	45.7
54	58.5	49.1	73.7



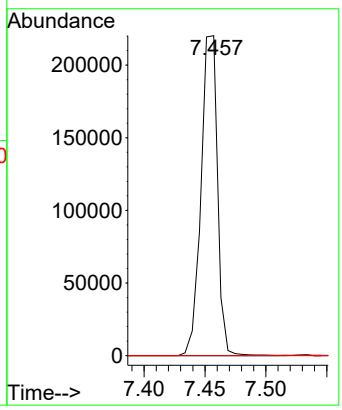


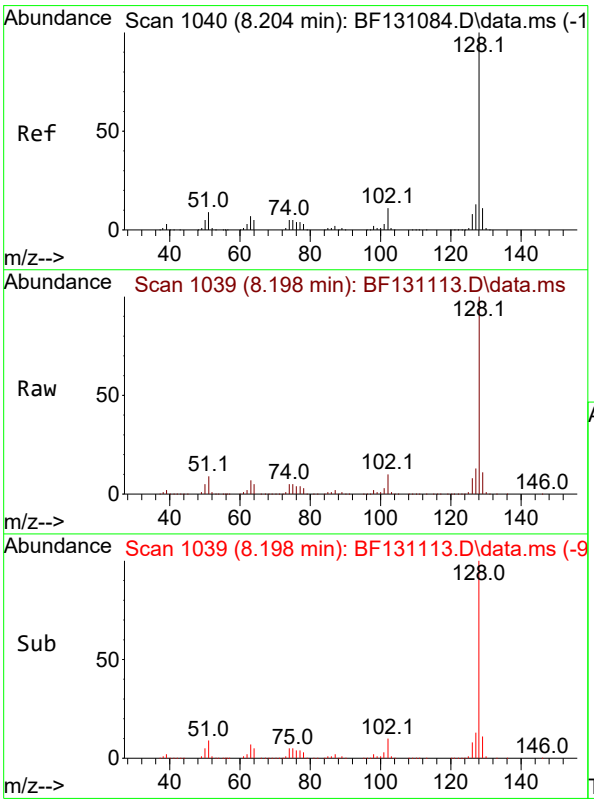
#25
Isophorone
Concen: 17.835 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion: 82 Resp: 209009

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.5	18.7#

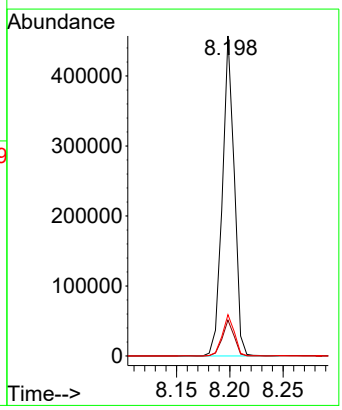


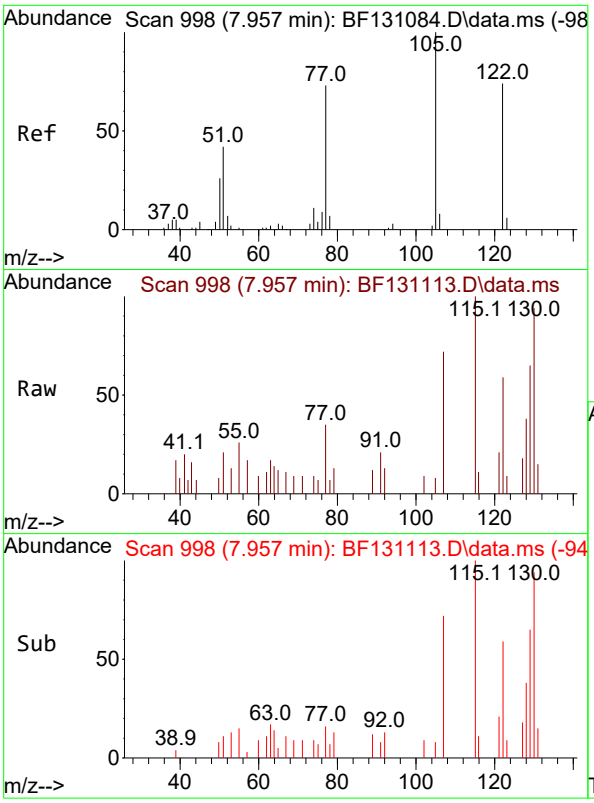


#31
Naphthalene
Concen: 18.900 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:128 Resp: 353154

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.9	10.8	16.2



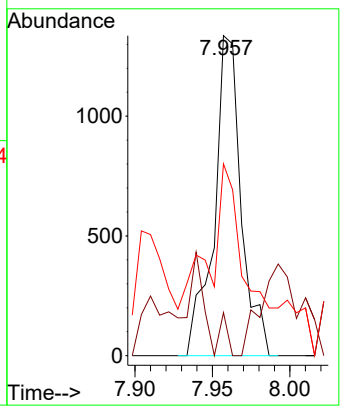


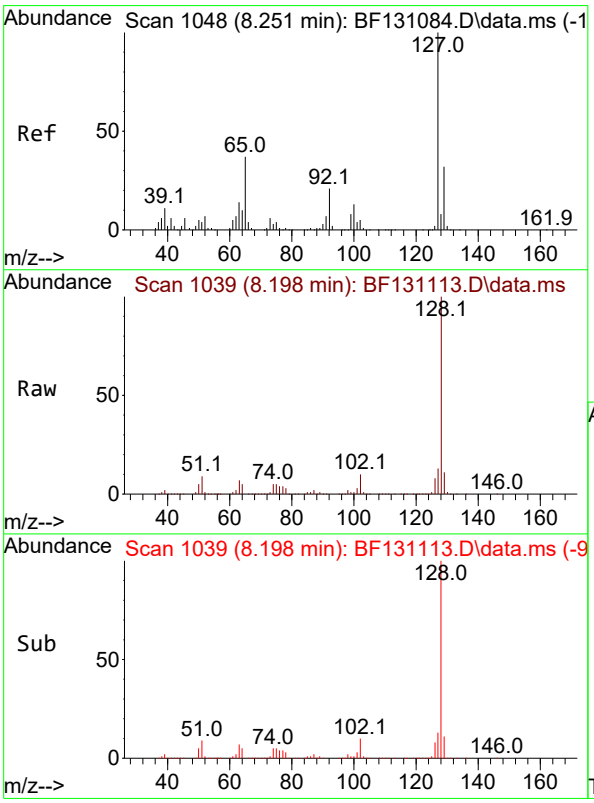
#32
Benzoic acid
Concen: 6.125 ng
RT: 7.957 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:122 Resp: 1623

Ion	Ratio	Lower	Upper
122	100		
105	13.5	113.0	153.0#
77	60.0	78.7	118.7#

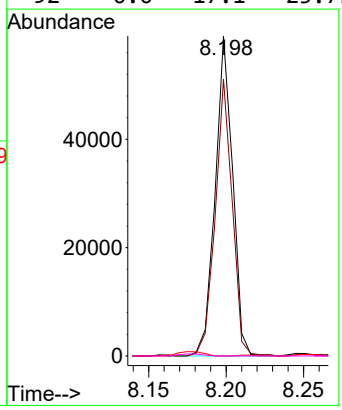


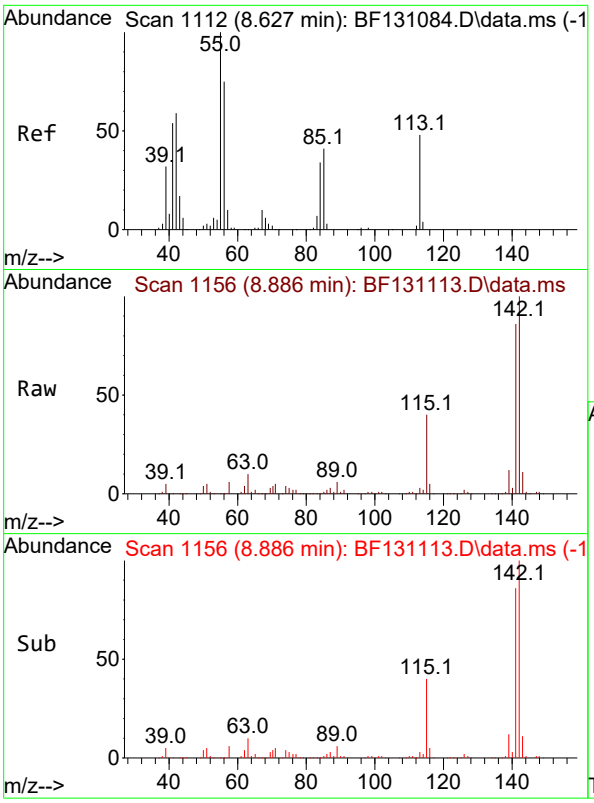


#33
4-Chloroaniline
Concen: 6.184 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.053 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:127 Resp: 46333

Ion	Ratio	Lower	Upper
127	100		
129	86.5	25.8	38.6#
65	0.0	29.6	44.4#
92	0.0	17.1	25.7#



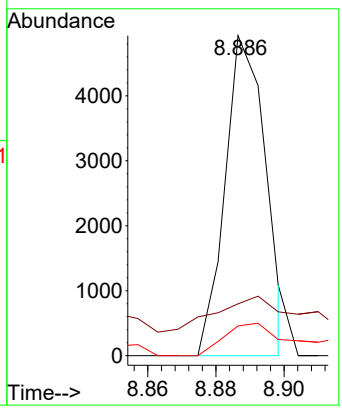


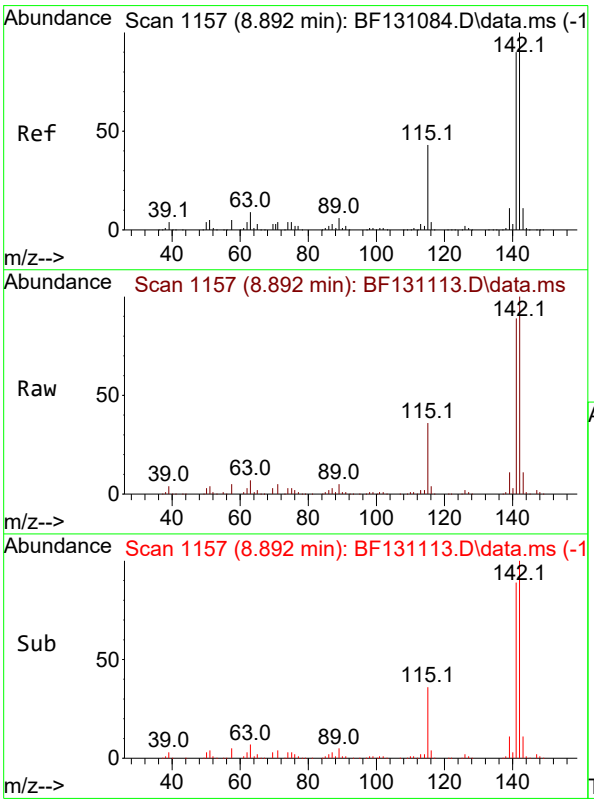
#35
Caprolactam
Concen: 2.505 ng
RT: 8.886 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:113 Resp: 4101

Ion	Ratio	Lower	Upper
113	100		
55	16.2	189.1	229.1#
56	9.3	137.1	177.1#

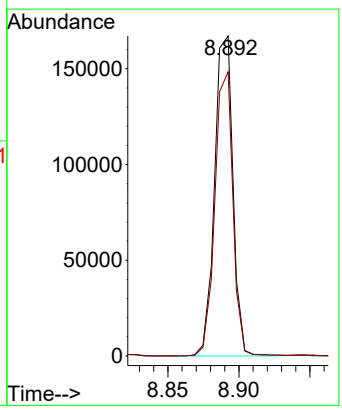


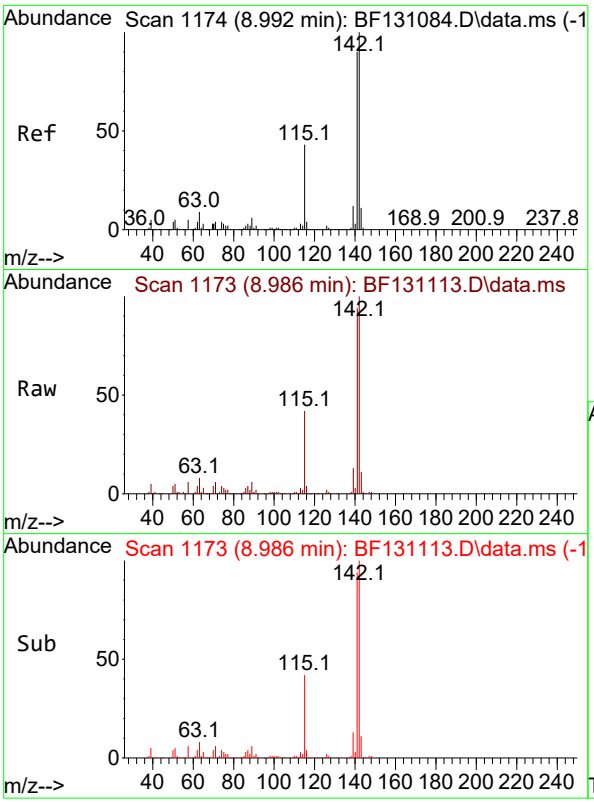


#37
2-Methylnaphthalene
Concen: 12.469 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:142 Resp: 150189

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.0	108.0



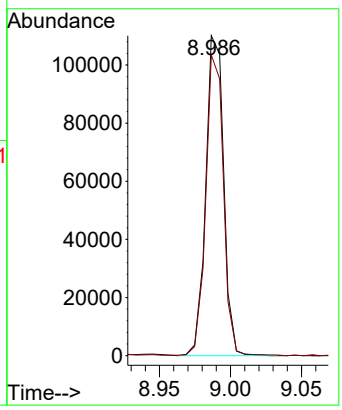


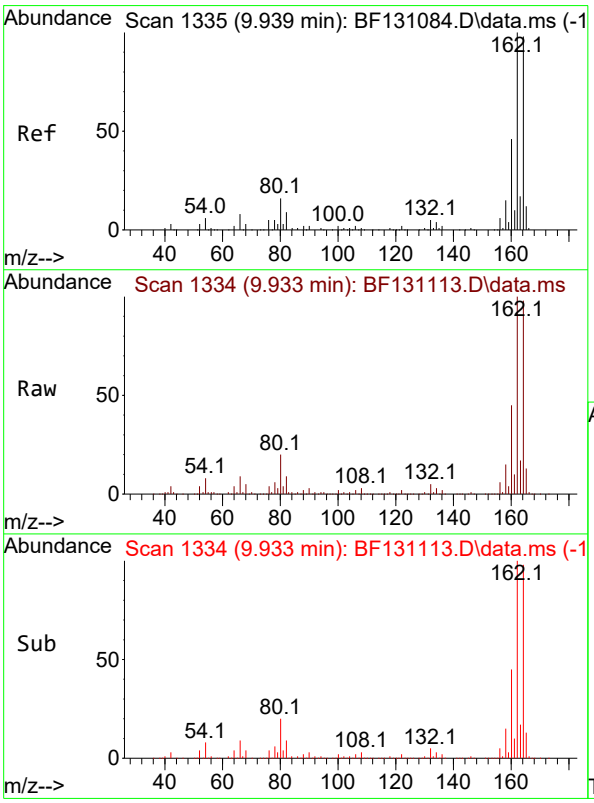
#38
1-Methylnaphthalene
Concen: 8.214 ng
RT: 8.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:142 Resp: 96893

Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.1	108.1

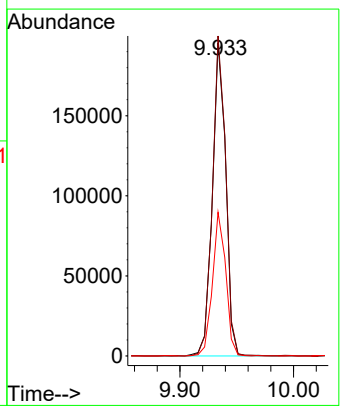


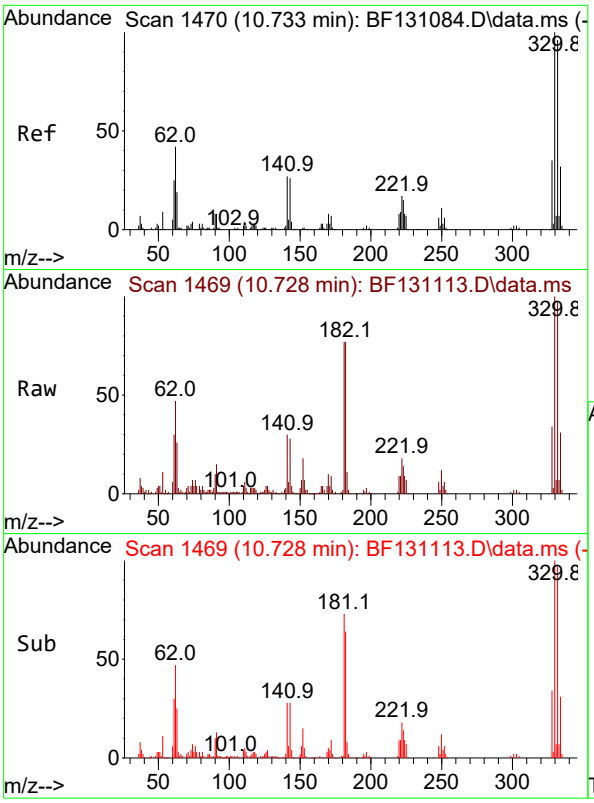


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:164 Resp: 159688

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.7	122.5
160	45.9	37.4	56.2



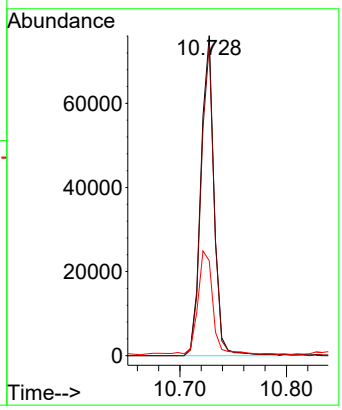


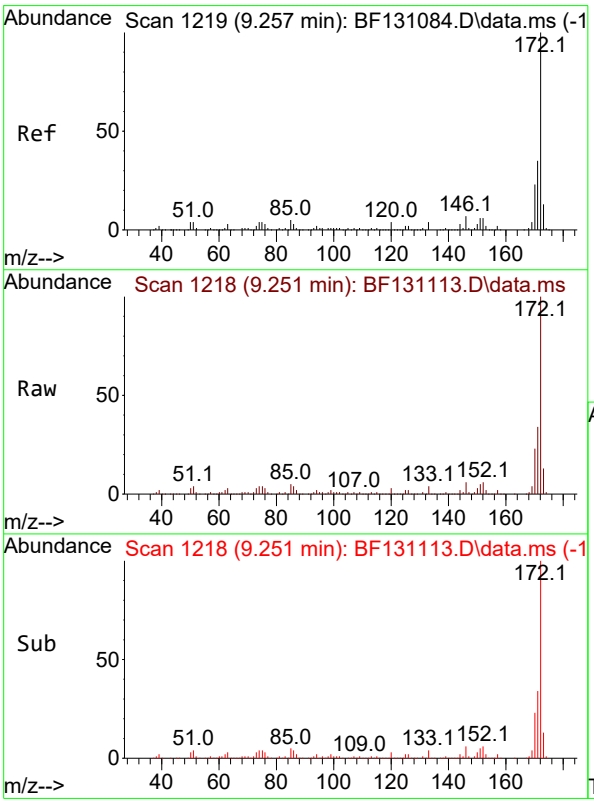
#42
2,4,6-Tribromophenol
Concen: 39.916 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:330 Resp: 65875

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.4
141	38.4	28.5	42.7

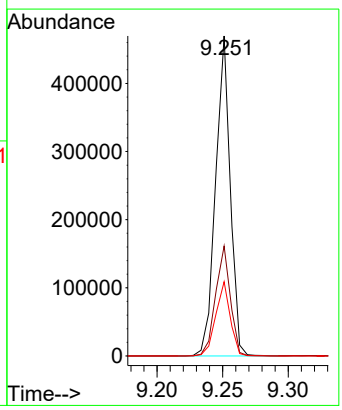


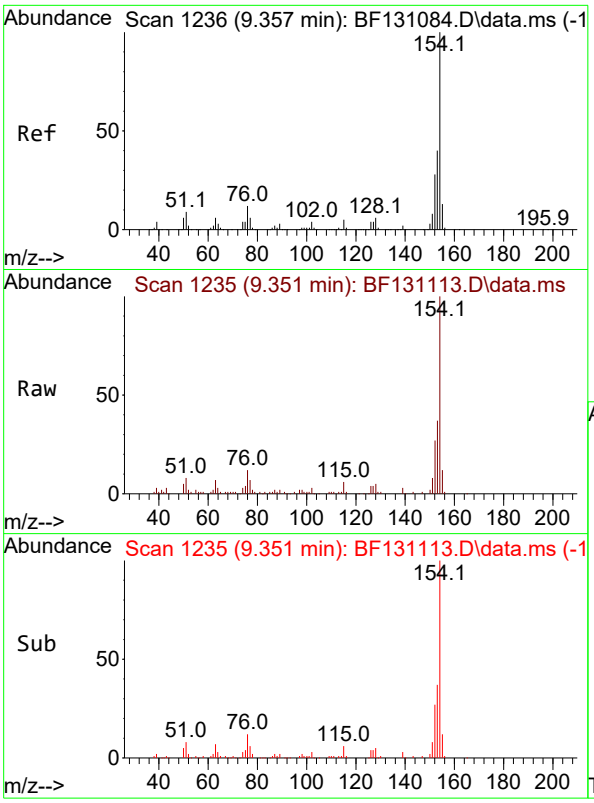


#45
2-Fluorobiphenyl
Concen: 31.883 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:172 Resp: 364720

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.7	41.5
170	23.2	18.8	28.2



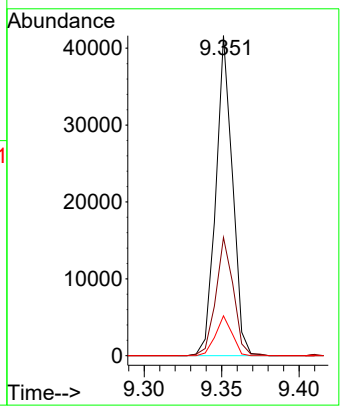


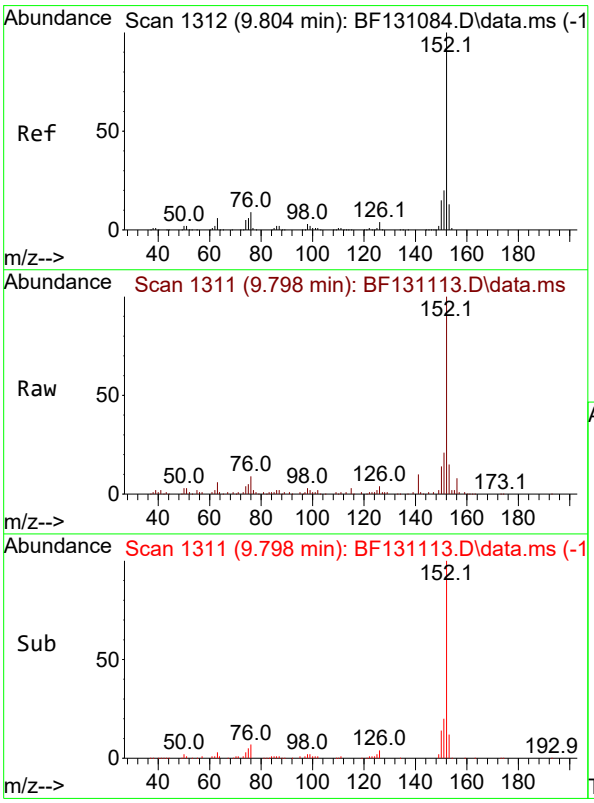
#46
1,1'-Biphenyl
Concen: 2.517 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:154 Resp: 31080

Ion	Ratio	Lower	Upper
154	100		
153	37.0	19.9	59.9
76	12.4	0.0	32.5

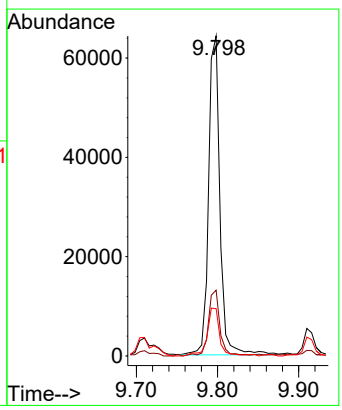


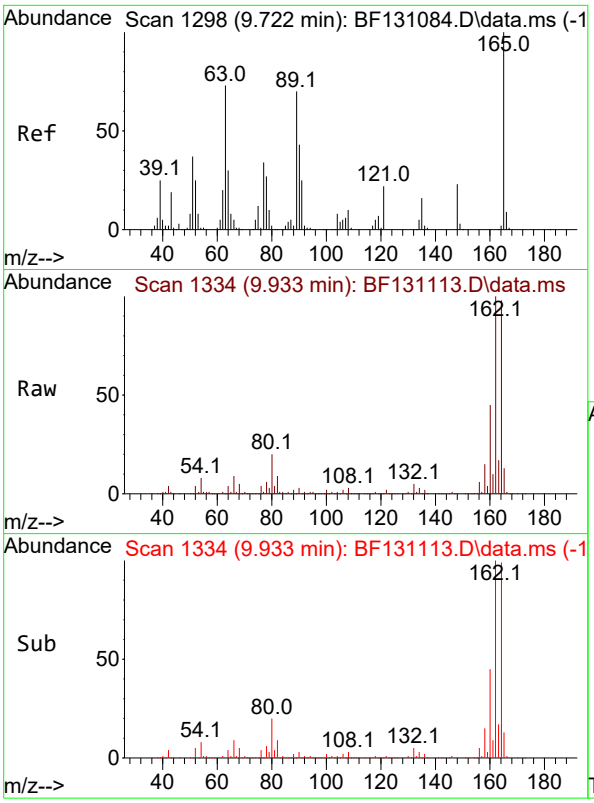


#49
Acenaphthylene
Concen: 4.057 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:152 Resp: 62105

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	14.8	10.2	15.4



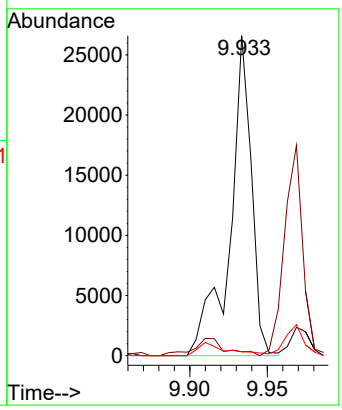


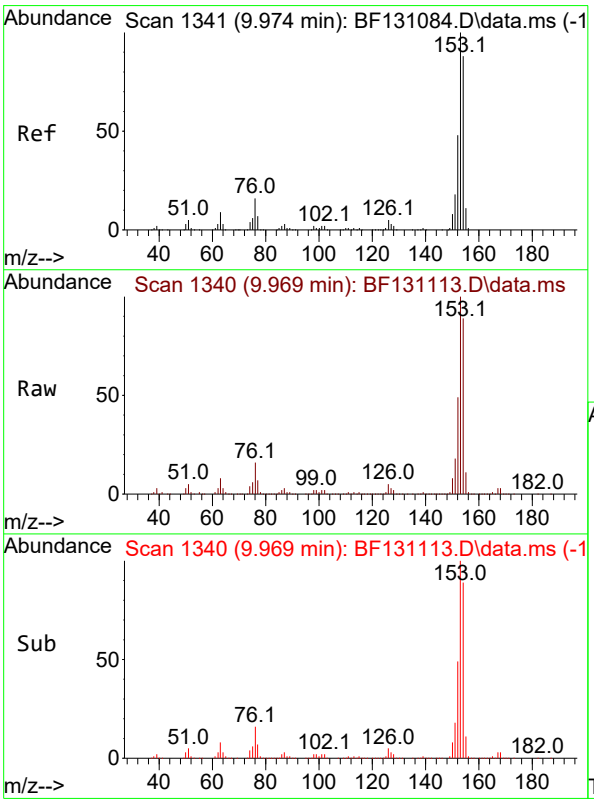
#51
2,6-Dinitrotoluene
Concen: 10.257 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:165 Resp: 25605

Ion	Ratio	Lower	Upper
165	100		
63	1.2	61.4	92.2#
89	1.3	56.0	84.0#

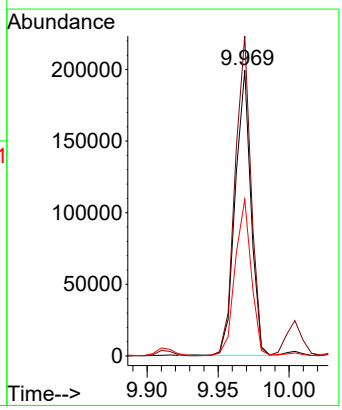


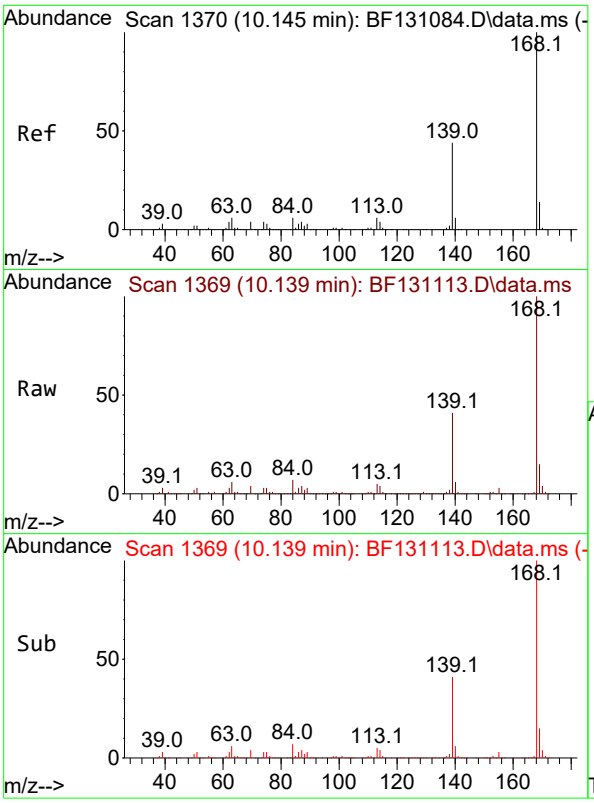


#52
Acenaphthene
Concen: 16.843 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:154 Resp: 153815

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.8	136.2
152	54.7	43.4	65.2



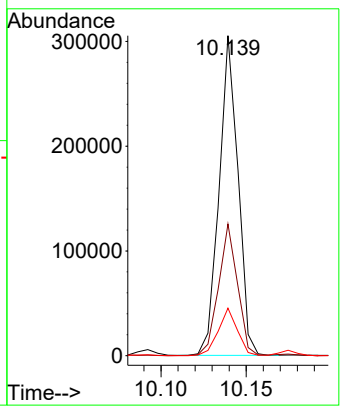


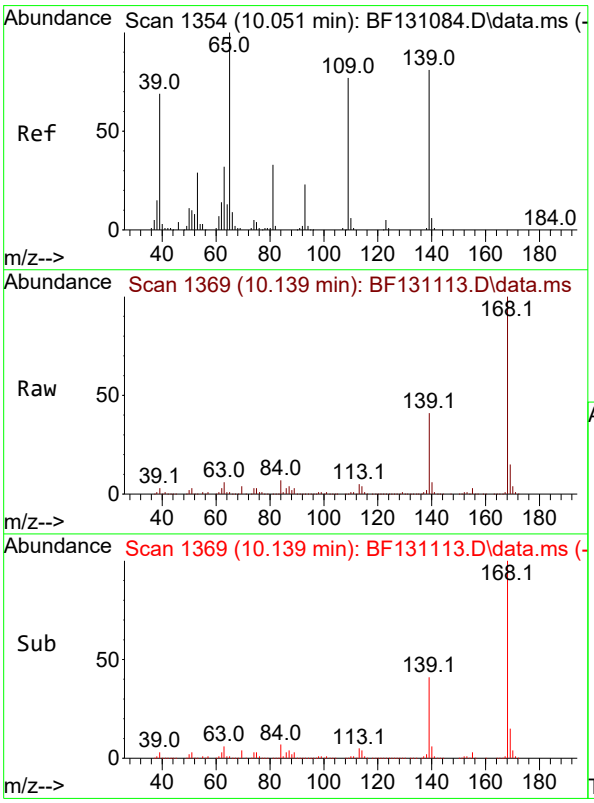
#55
Dibenzofuran
Concen: 17.419 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:168 Resp: 235576

Ion	Ratio	Lower	Upper
168	100		
139	41.2	35.0	52.4
169	14.9	11.2	16.8

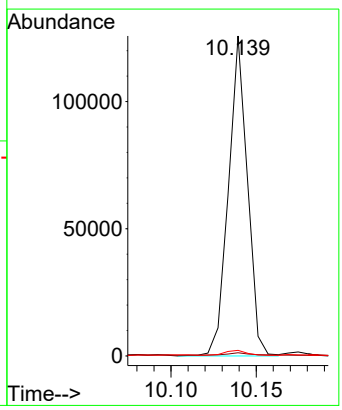


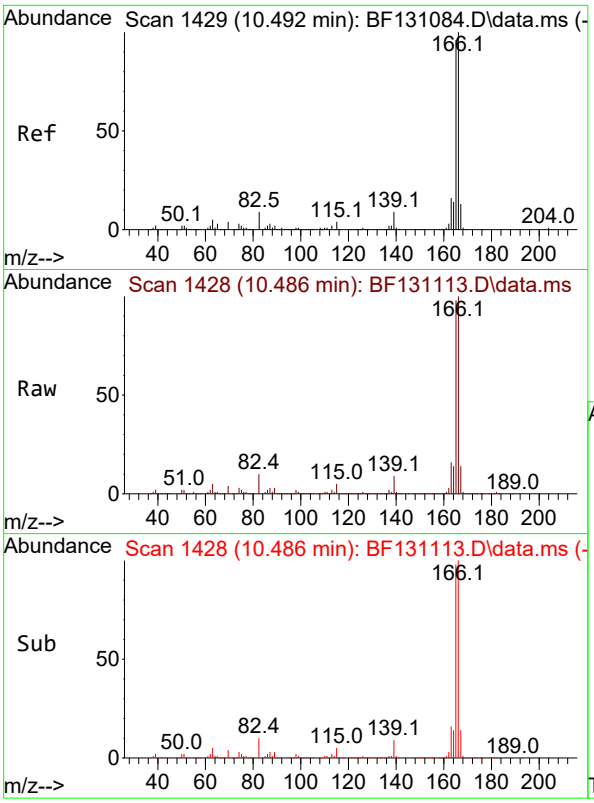


#56
4-Nitrophenol
Concen: 51.328 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.088 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:139 Resp: 97501

Ion	Ratio	Lower	Upper
139	100		
109	1.0	75.5	115.5#
65	1.8	104.5	144.5#



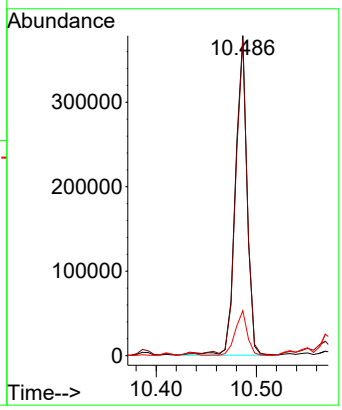


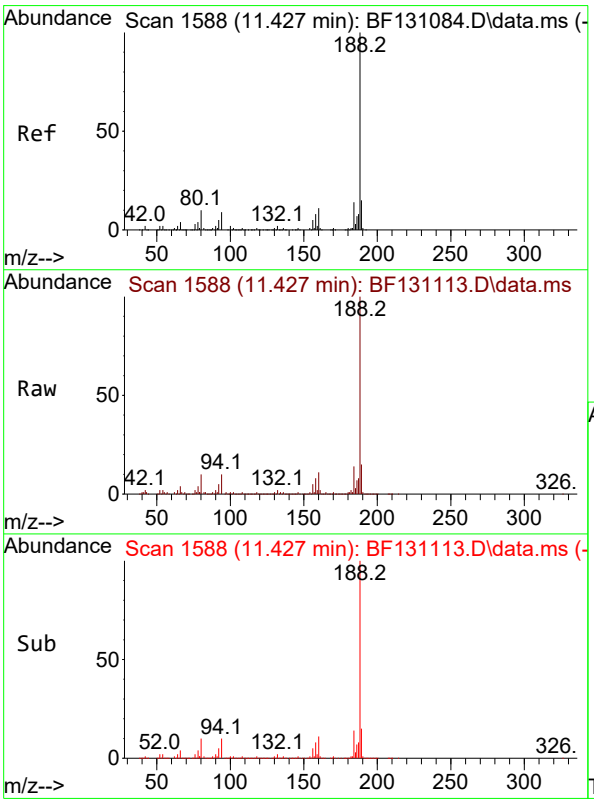
#58
Fluorene
Concen: 27.712 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:166 Resp: 304394

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.2	115.8
167	14.1	10.2	15.4

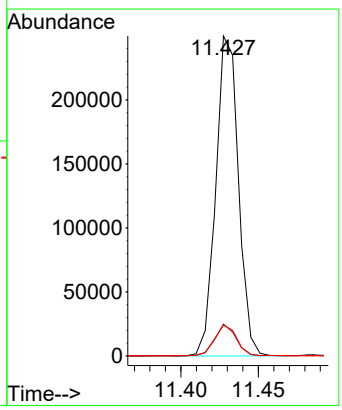


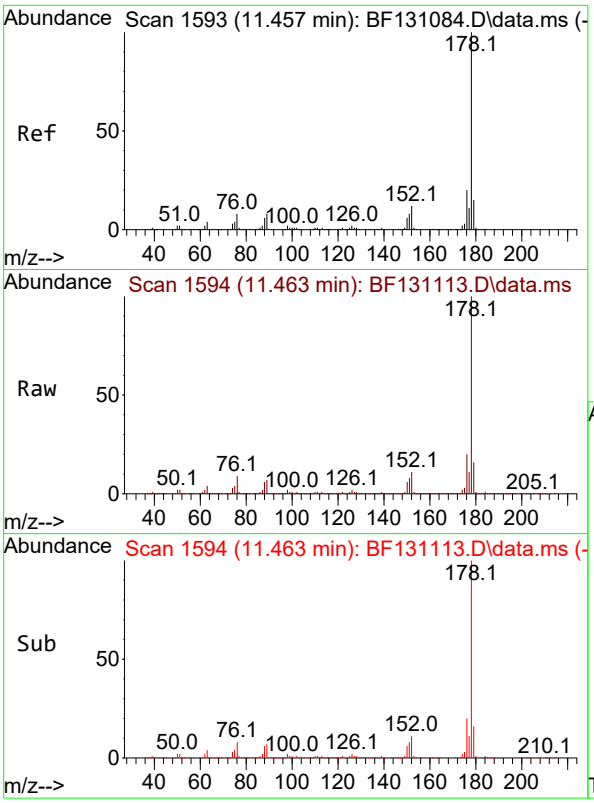


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:188 Resp: 253904

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	9.6	7.9	11.9



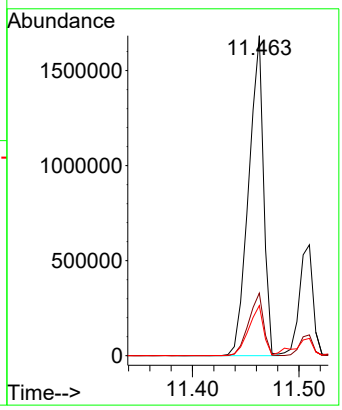


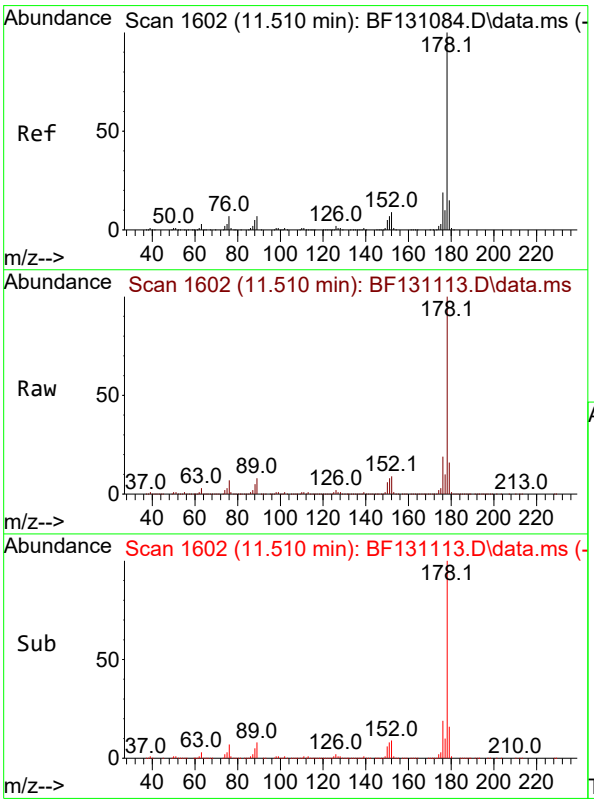
#71
Phenanthrene
Concen: 117.231 ng
RT: 11.463 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:178 Resp: 1637064

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	12.2	18.2

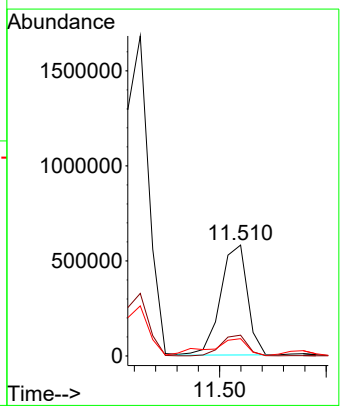


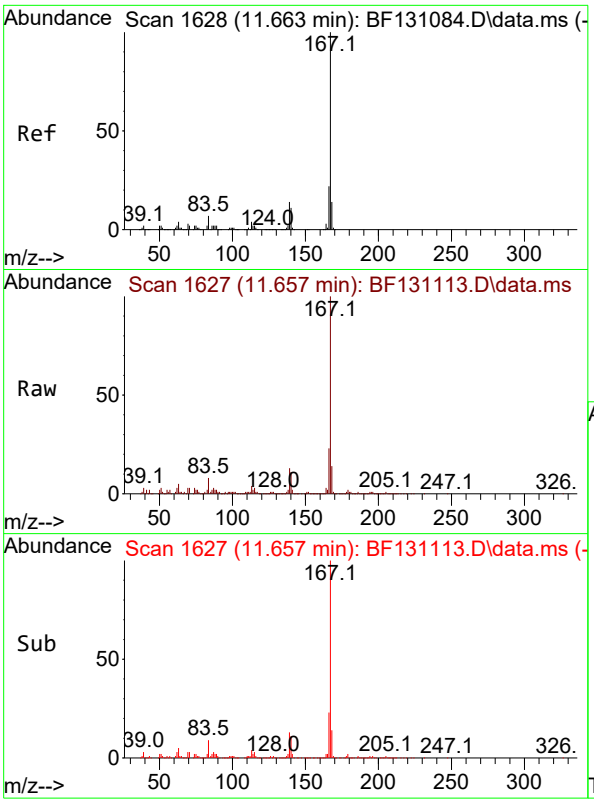


#72
Anthracene
Concen: 37.426 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:178 Resp: 507250

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	11.8	17.8



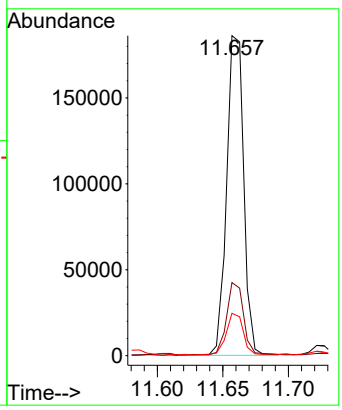


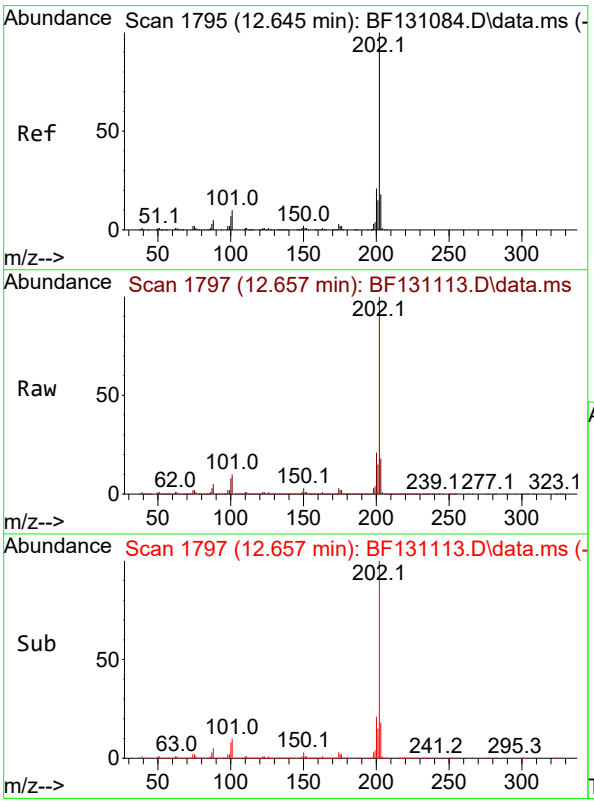
#73
Carbazole
Concen: 13.956 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:167 Resp: 168202

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.3	10.8	16.2

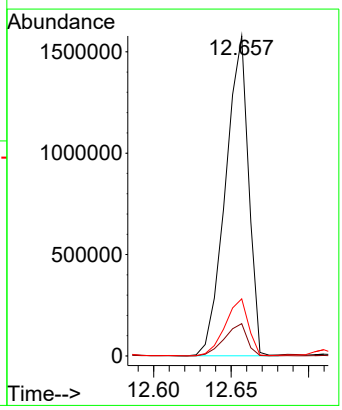


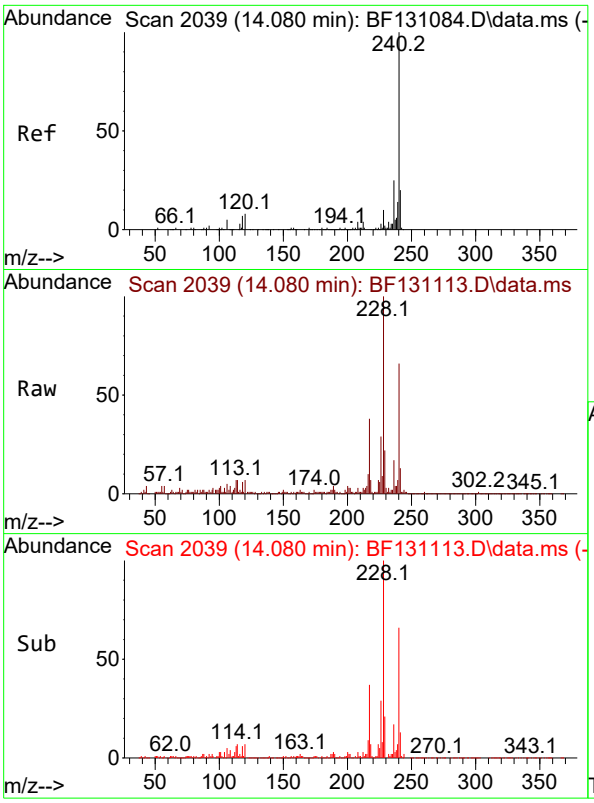


#75
Fluoranthene
Concen: 116.477 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.012 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:202 Resp: 1628152

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.0
203	17.8	0.0	37.7



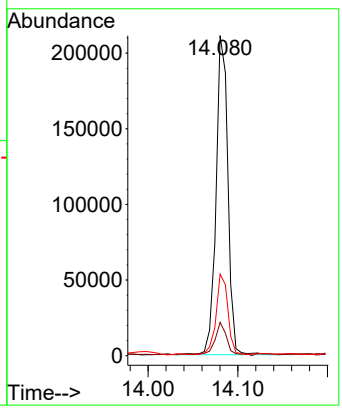


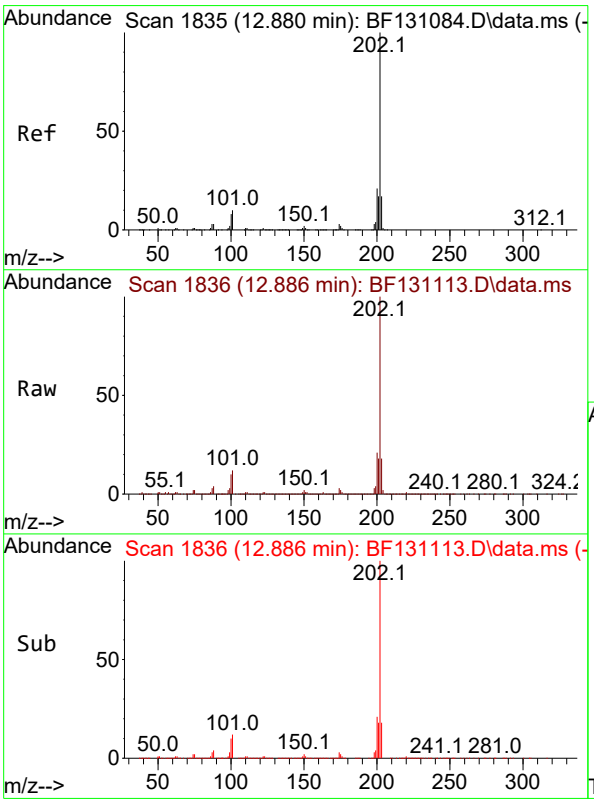
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:240 Resp: 193105

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.5	9.7#
236	25.5	19.7	29.5

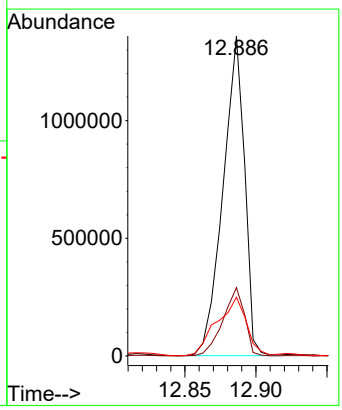


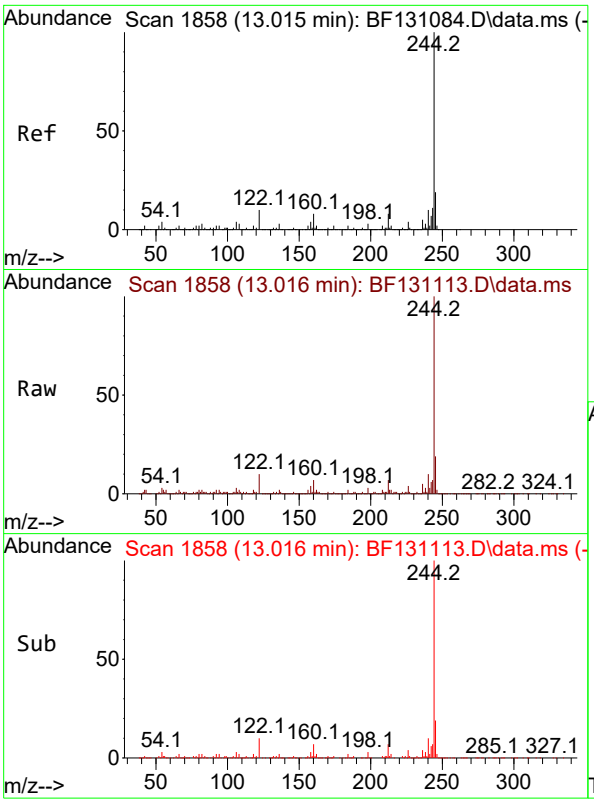


#78
Pyrene
Concen: 86.321 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:202 Resp: 1430124

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.4	13.6	20.4



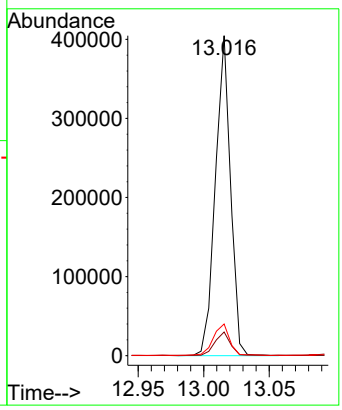


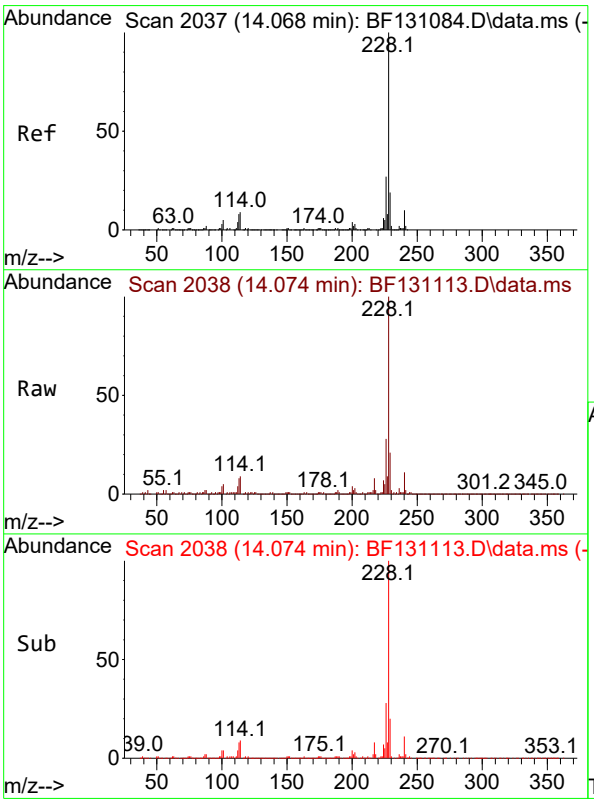
#79
Terphenyl-d14
Concen: 29.389 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:244 Resp: 323679

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.9	7.8	11.8

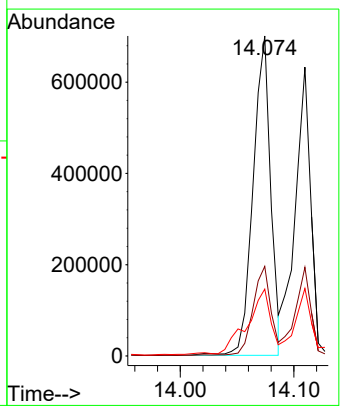


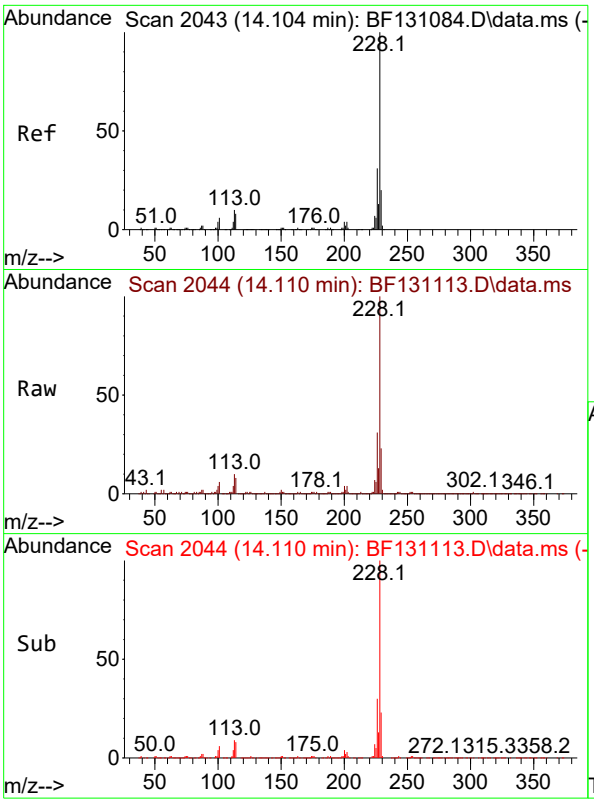


#81
Benzo(a)anthracene
Concen: 54.538 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:228 Resp: 752761

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.9	15.4	23.2



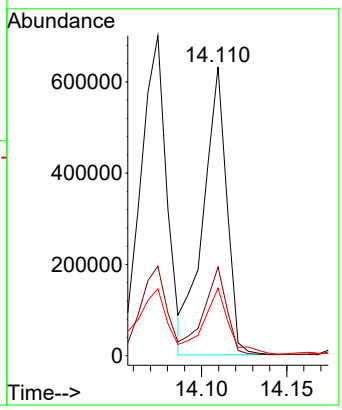


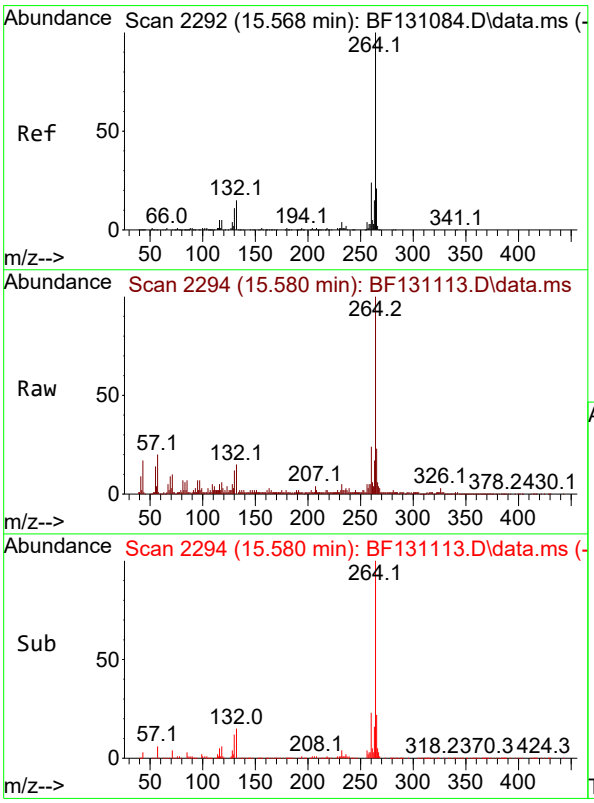
#83
Chrysene
Concen: 46.260 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:228 Resp: 603011

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	23.4	15.8	23.6

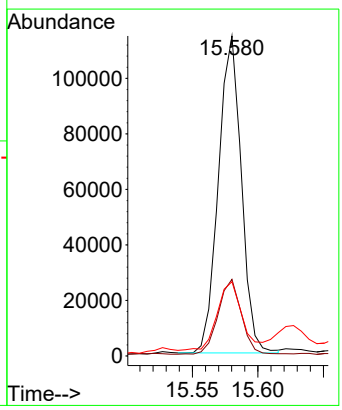


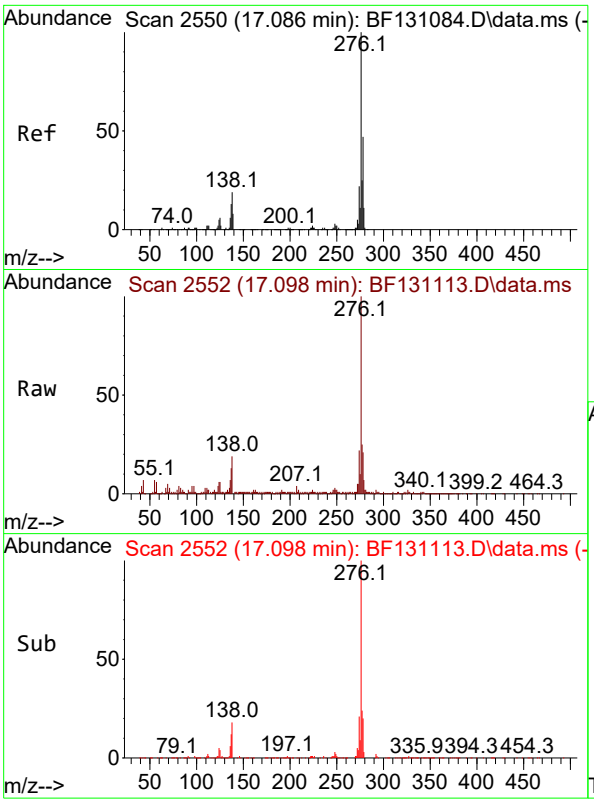


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.012 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:264 Resp: 138849

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	23.2	16.7	25.1



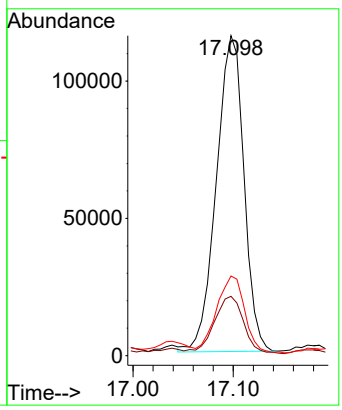


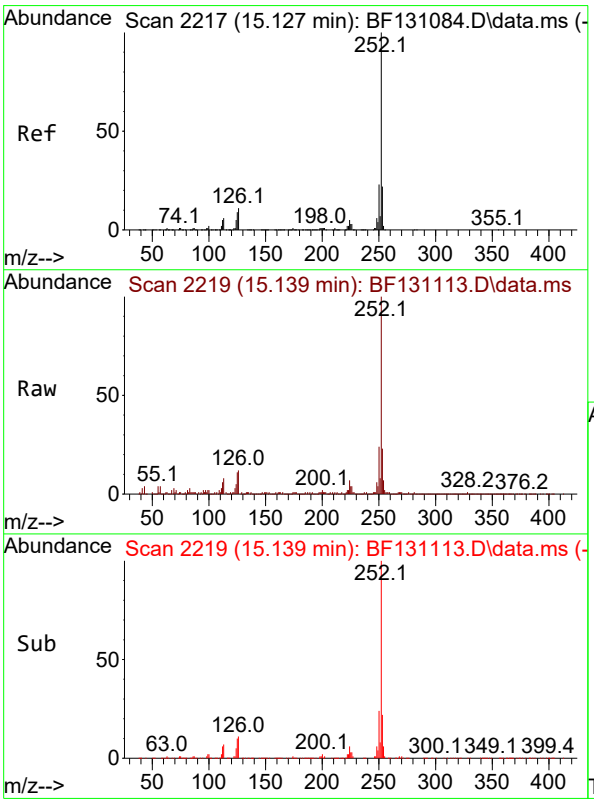
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.665 ng
RT: 17.098 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:276 Resp: 219929

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.9	25.3
277	24.7	20.3	30.5

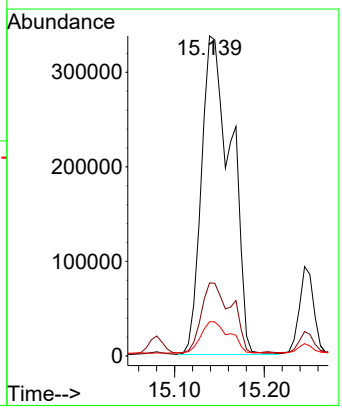


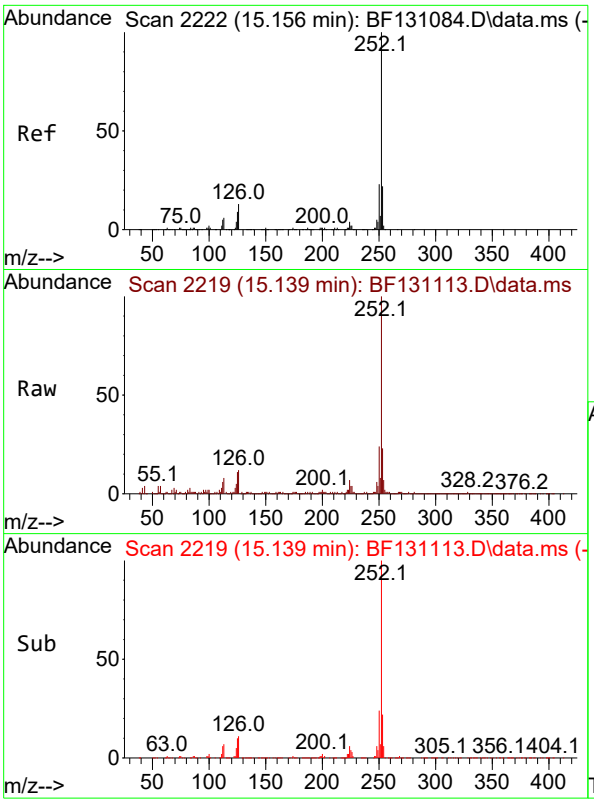


#88
Benzo(b)fluoranthene
Concen: 79.065 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:252 Resp: 776166

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	10.7	7.2	10.8



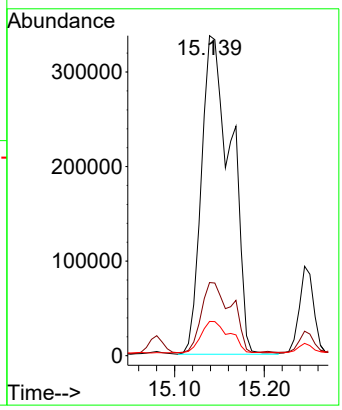


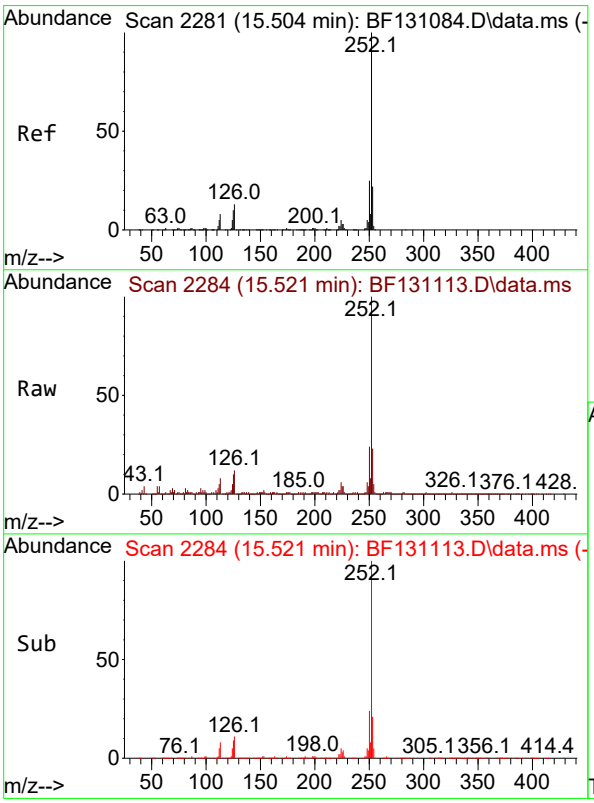
#89
Benzo(k)fluoranthene
Concen: 82.260 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.017 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:252 Resp: 776166

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.7	7.5	11.3

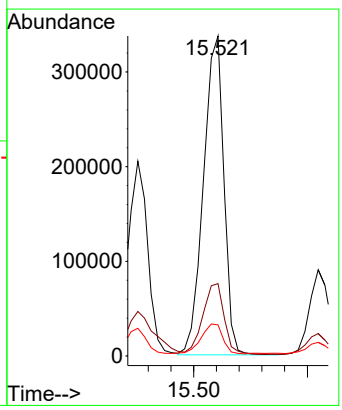


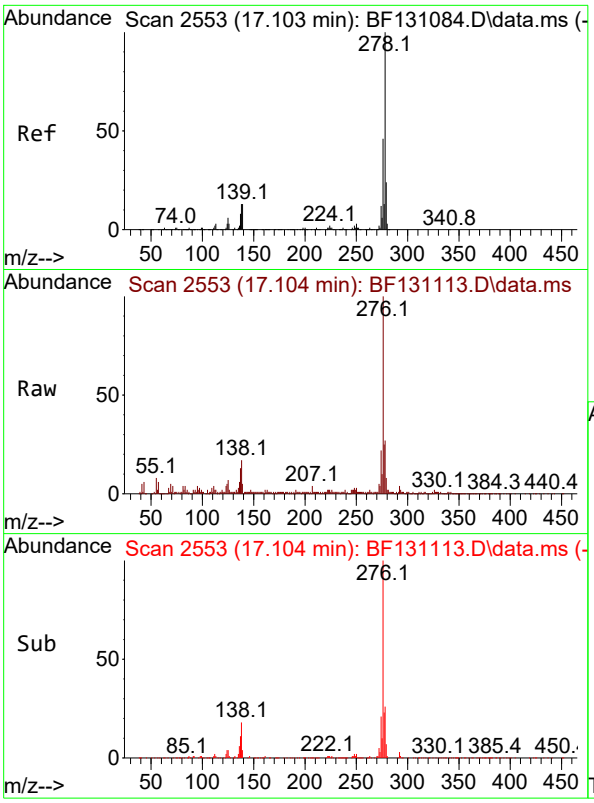


#90
Benzo(a)pyrene
Concen: 53.491 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.017 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:252 Resp: 420989

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.7	8.1	12.1



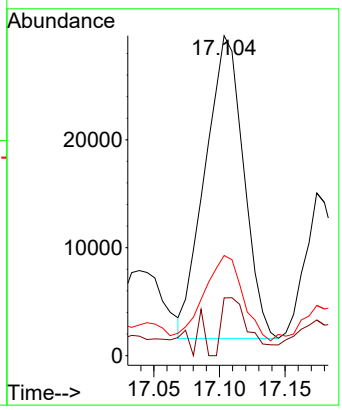


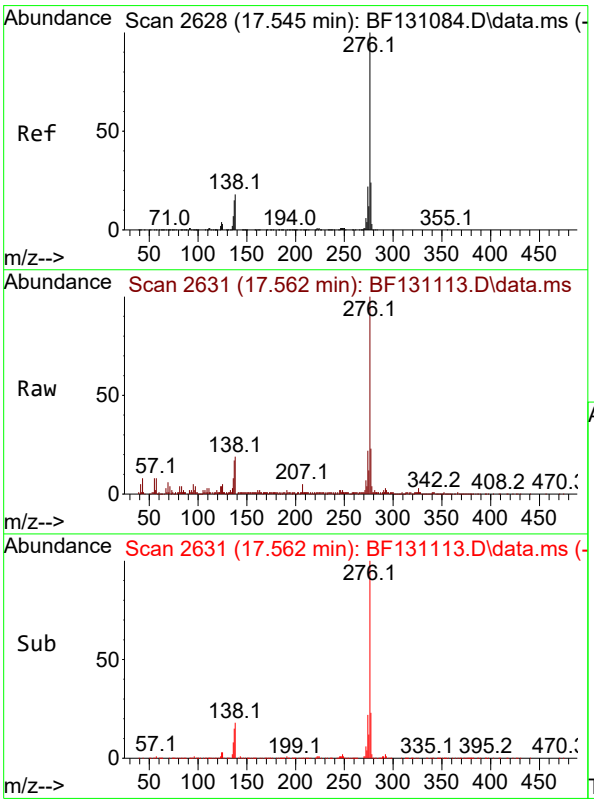
#91
Dibenzo(a,h)anthracene
Concen: 9.558 ng
RT: 17.104 min Scan# 2
Delta R.T. 0.001 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Instrument :
BNA_F
ClientSampleId :
PL-04-110722

Tgt Ion:278 Resp: 57224

Ion	Ratio	Lower	Upper
278	100		
139	18.0	10.8	16.2#
279	31.3	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 23.560 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.017 min
Lab File: BF131113.D
Acq: 10 Nov 2022 04:31

Tgt Ion:276 Resp: 206181

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.5	14.6	21.8