Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Quant Time: May 12 06:02:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	72419	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	253468	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	125996	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	192405	20.000	ng	0.00
76) Chrysene-d12	14.080	240	142329	20.000	ng	0.00
86) Perylene-d12	15.580	264	106430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	406356	89.450	ng	0.00
7) Phenol-d6	6.528	99	528290	87.922	ng	0.00
23) Nitrobenzene-d5	7.457	82	372813	66.183	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	112372	77.765	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	566347	70.332	ng	0.00
79) Terphenyl-d14	13.015	244	481180	63.437	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	284	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.457	70	50681	13.697	ng #	79
25) Isophorone	7.457	82	372808	42.214	ng #	68
31) Naphthalene	8.198	128	26836	2.144	ng	99
49) Acenaphthylene	9.798	152	25328	2.463	ng #	93
52) Acenaphthene	9.969	154	24938	3.498	ng	94
55) Dibenzofuran	10.139	168	33281	3.288	ng	97
58) Fluorene	10.486	166	38413	4.872	ng	96
67) 4-Bromophenyl-phenylether	10.727	248	6623	3.199	ng #	1
71) Phenanthrene	11.451	178	360308	37.608	ng	100
72) Anthracene	11.504	178	114331	11.953	ng	99
73) Carbazole	11.657	167	21229	2.334	ng	98
75) Fluoranthene	12.651	202	552160	53.160	ng	95
77) Benzidine	13.015	184	7876	2.555	ng	97
78) Pyrene	12.880	202	504308	48.867	ng	100
81) Benzo(a)anthracene	14.068	228	232279	25.550	ng	94
83) Chrysene	14.104	228	193498	22.307	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	79648	12.371	ng #	93
88) Benzo(b)fluoranthene	15.139	252	268634	40.717	ng	93
89) Benzo(k)fluoranthene	15.139	252	268634	41.248	ng #	91
90) Benzo(a)pyrene	15.515	252	142835	26.817	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	20969	4.023	ng #	80
92) Benzo(g,h,i)perylene	17.574	276	77287	14.645	ng	96

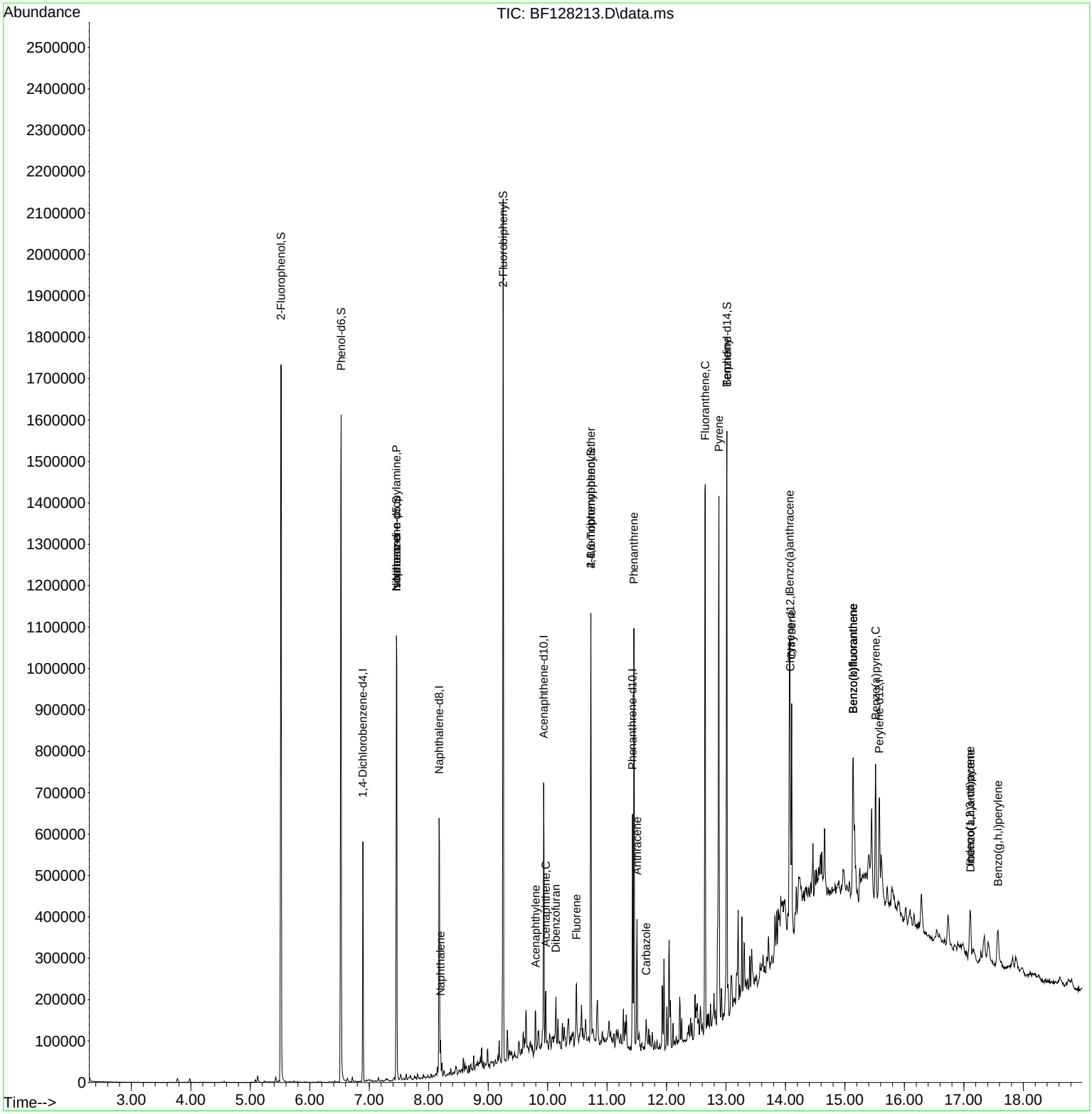
(#) = qualifier out of range (m) = manual integration (+) = signals summed

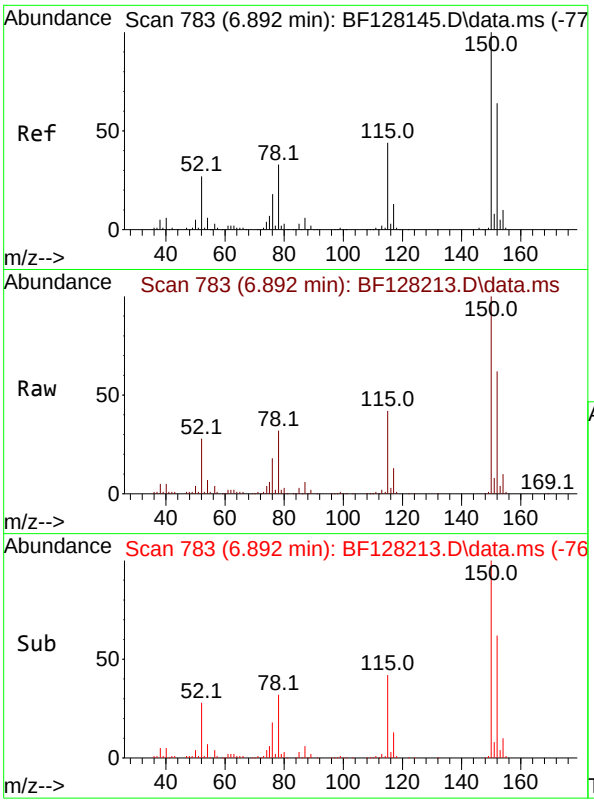
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Quant Time: May 12 06:02:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration



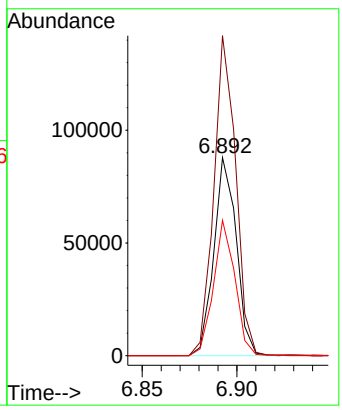


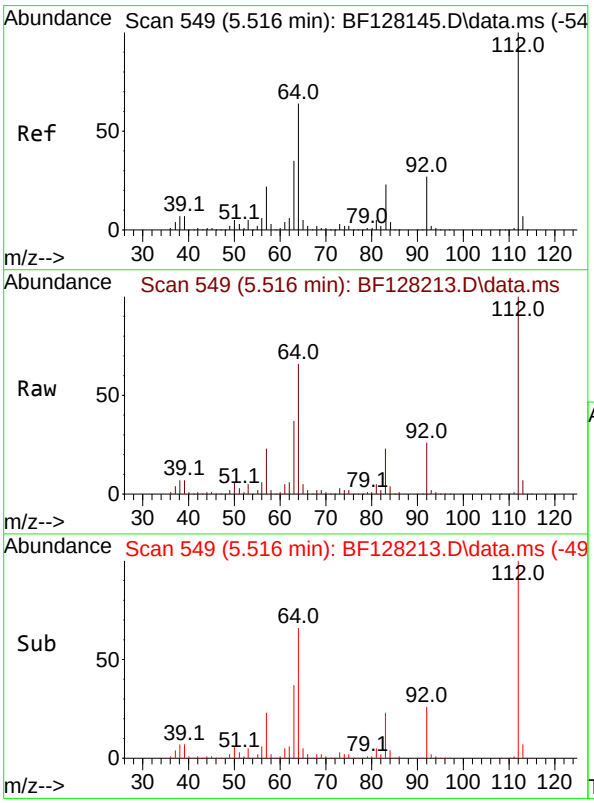
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:152 Resp: 72419

Ion	Ratio	Lower	Upper
152	100		
150	161.6	125.3	187.9
115	68.3	48.8	73.2

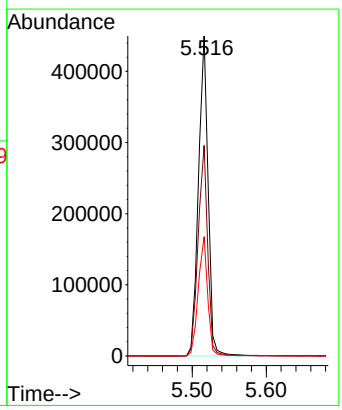


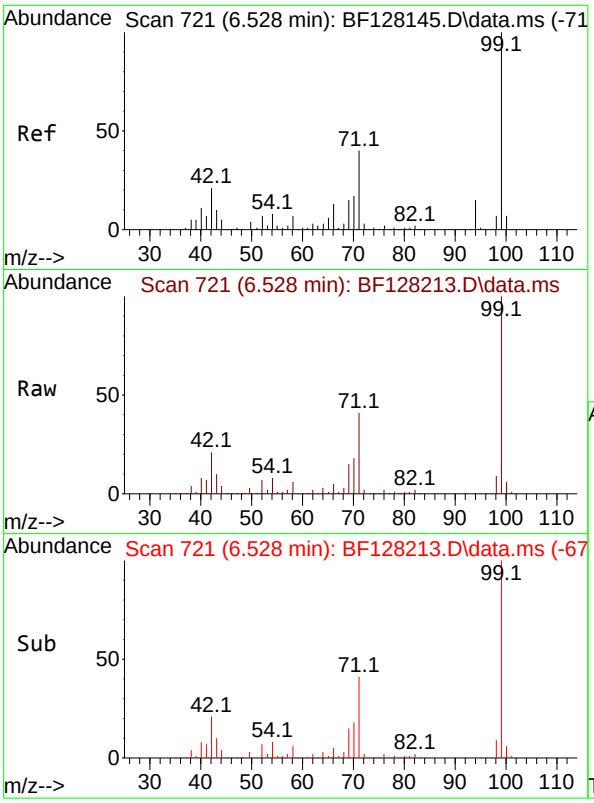


#5
2-Fluorophenol
Concen: 89.450 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:112 Resp: 406356

Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.5	74.3
63	37.3	26.3	39.5



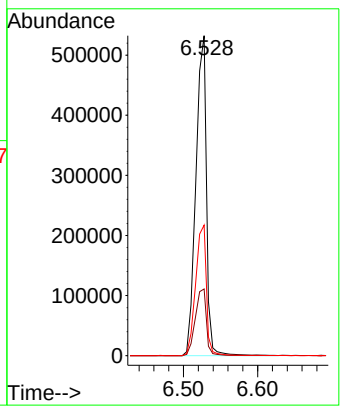


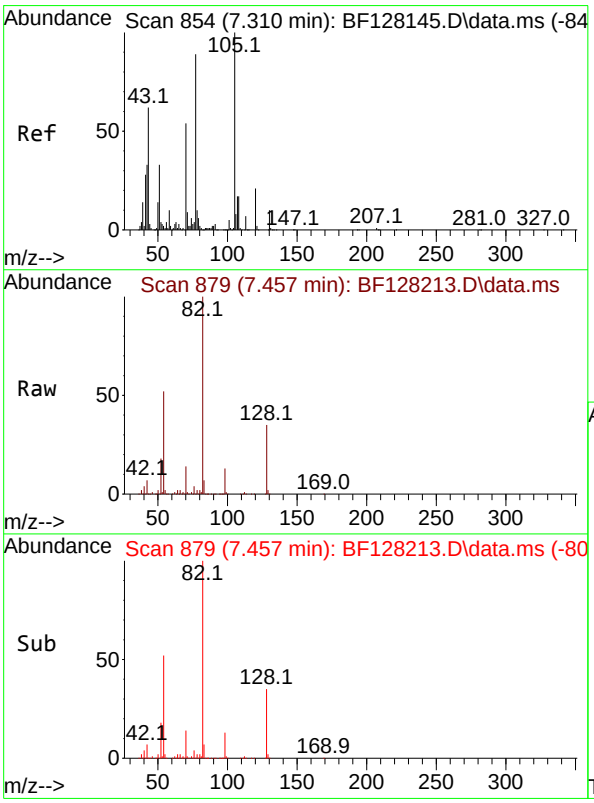
#7
Phenol-d6
Concen: 87.922 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion: 99 Resp: 528290

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	24.8
71	40.8	30.0	45.0

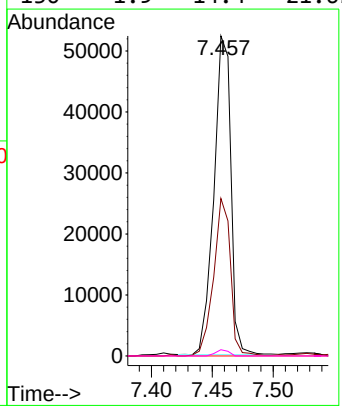


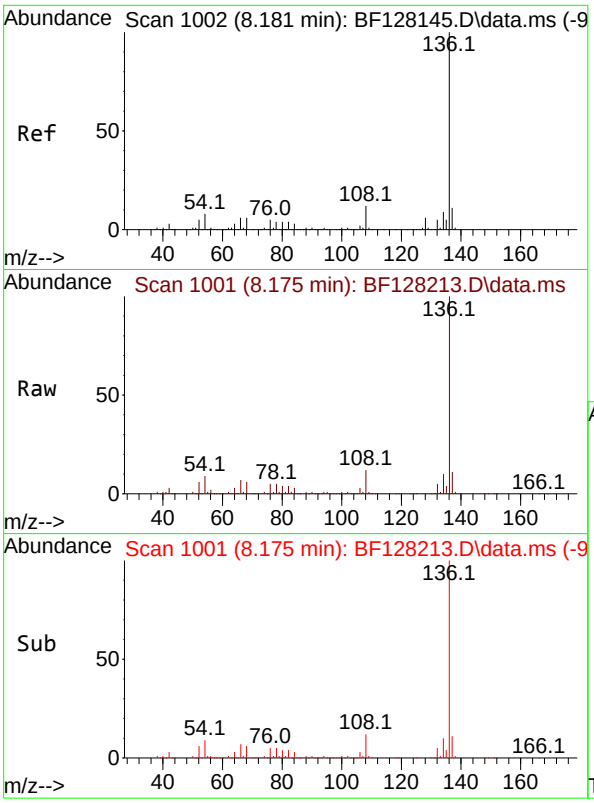


#19
n-Nitroso-di-n-propylamine
Concen: 13.697 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion: 70 Resp: 50681

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.7	73.1
101	0.0	7.2	10.8#
130	1.9	14.4	21.6#



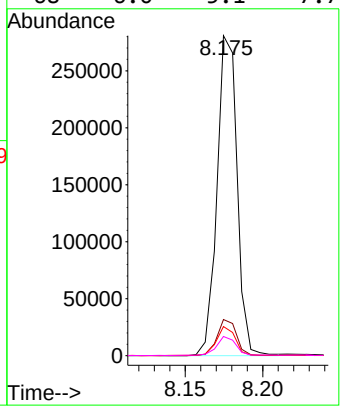


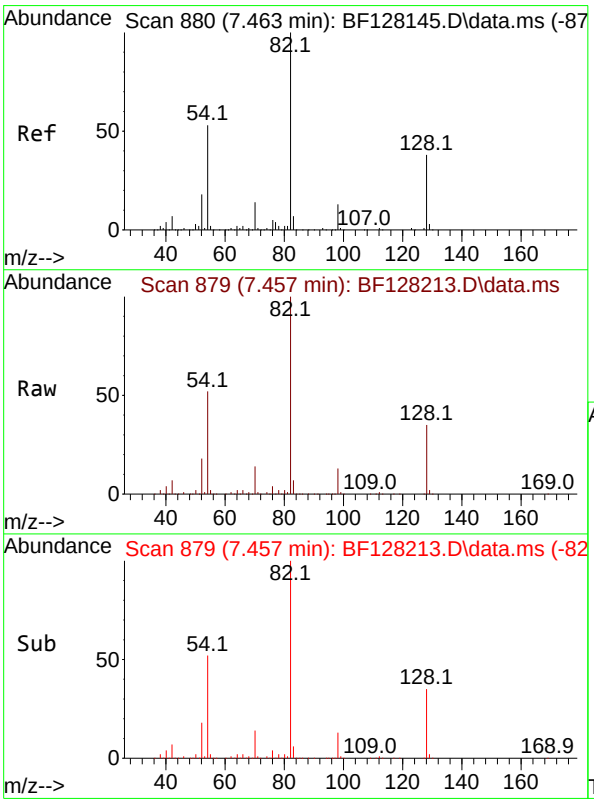
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:136 Resp: 253468

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.1	6.8	10.2
68	6.0	5.1	7.7

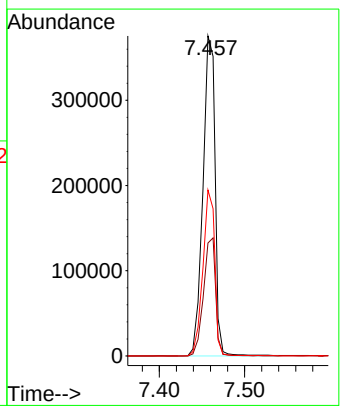


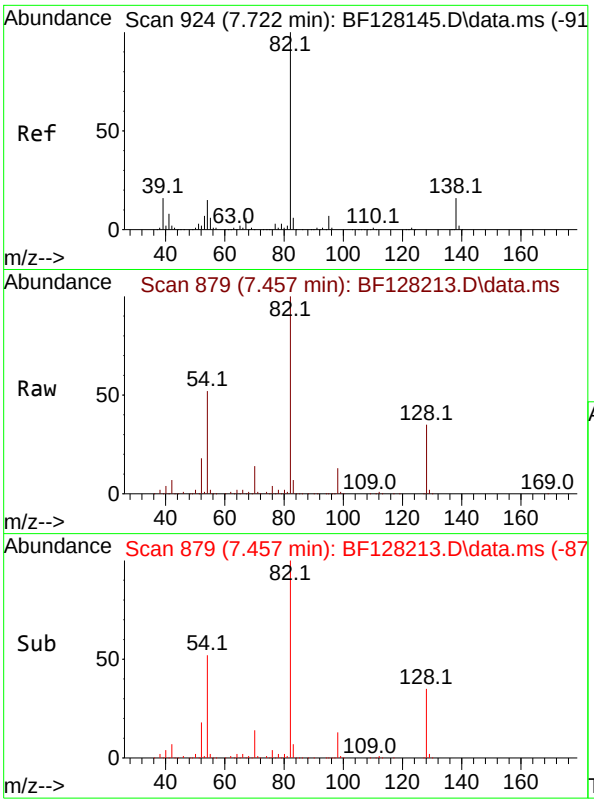


#23
Nitrobenzene-d5
Concen: 66.183 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion: 82 Resp: 372813

Ion	Ratio	Lower	Upper
82	100		
128	35.3	30.0	45.0
54	51.8	41.3	61.9



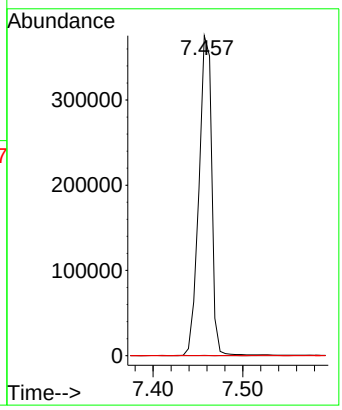


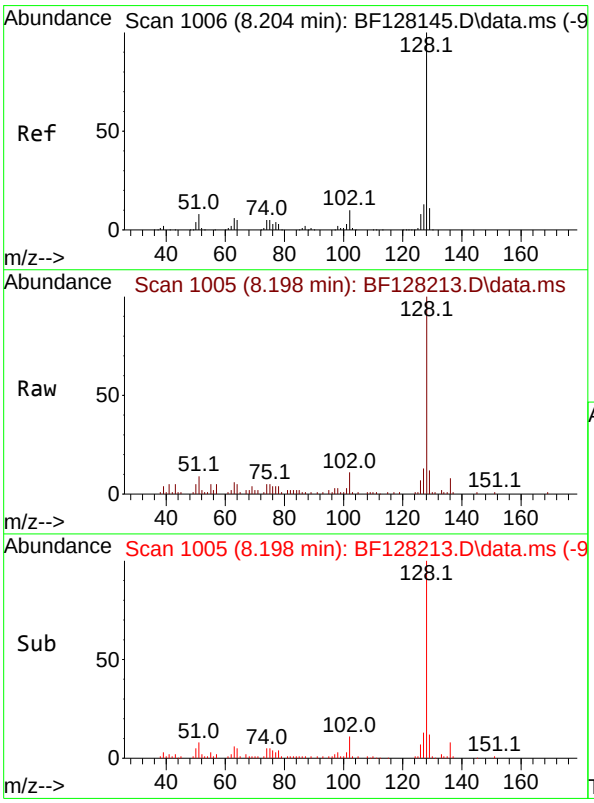
#25
Isophorone
Concen: 42.214 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion: 82 Resp: 372808

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	12.5	18.7#

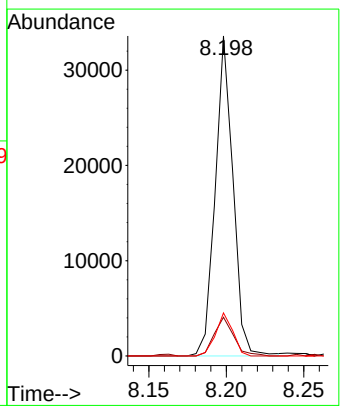


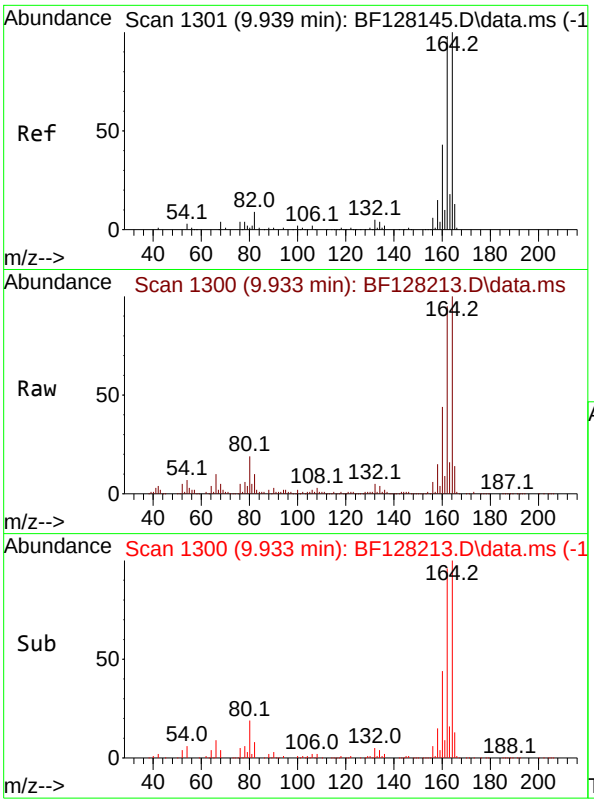


#31
Naphthalene
Concen: 2.144 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:128 Resp: 26836

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	13.4	10.6	16.0



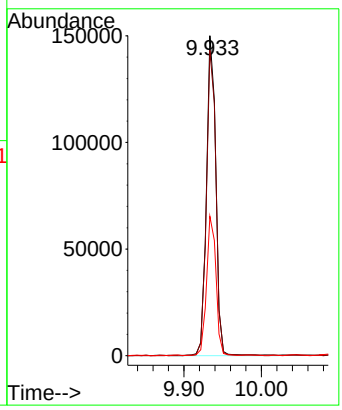


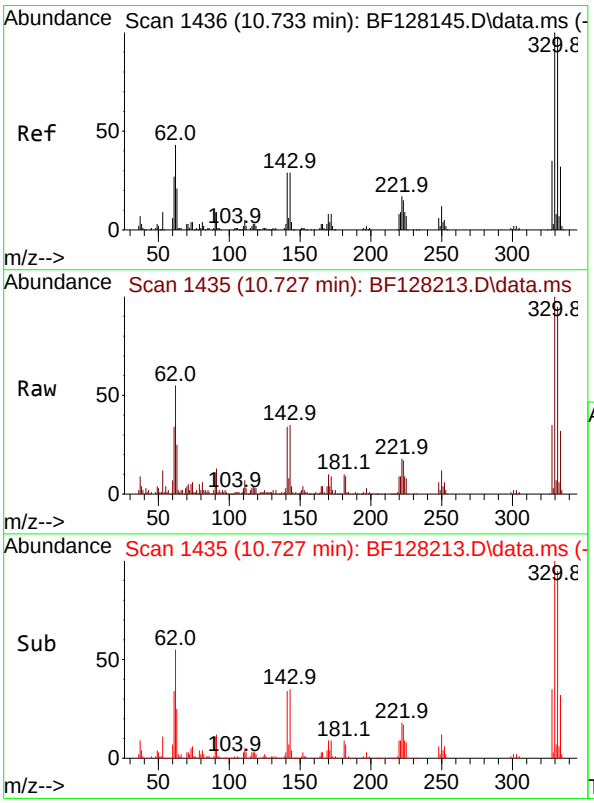
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:164 Resp: 125996

Ion	Ratio	Lower	Upper
164	100		
162	95.4	76.0	114.0
160	43.5	34.8	52.2

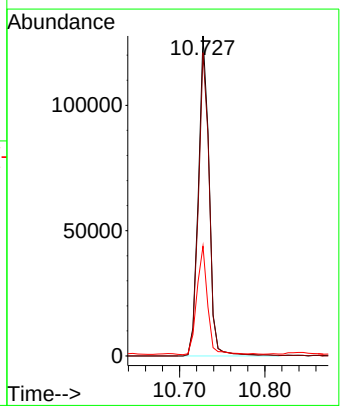


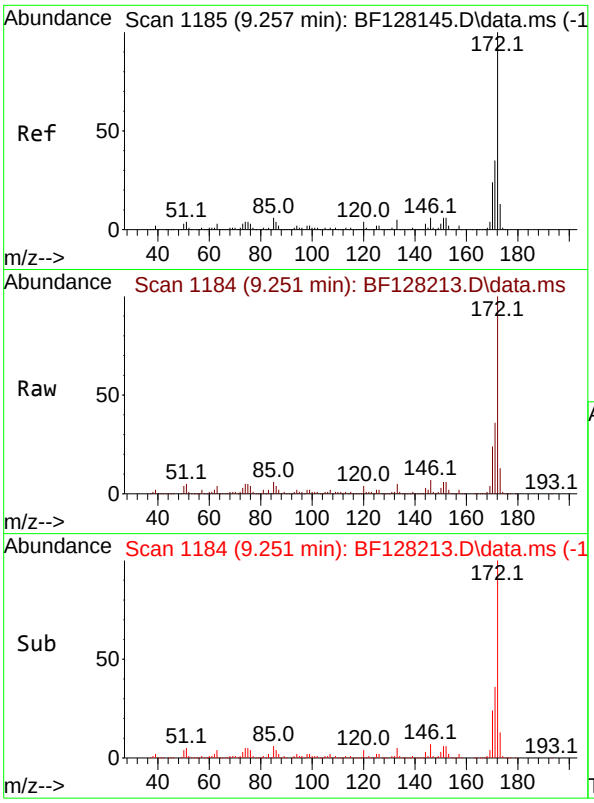


#42
2,4,6-Tribromophenol
Concen: 77.765 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:330 Resp: 112372

Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.0	118.4
141	33.6	28.9	43.3



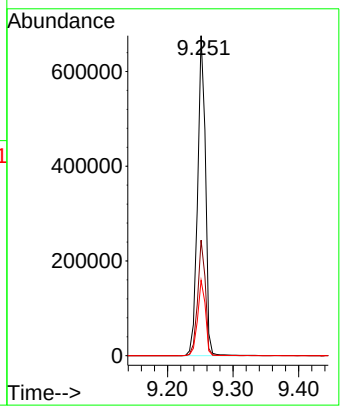


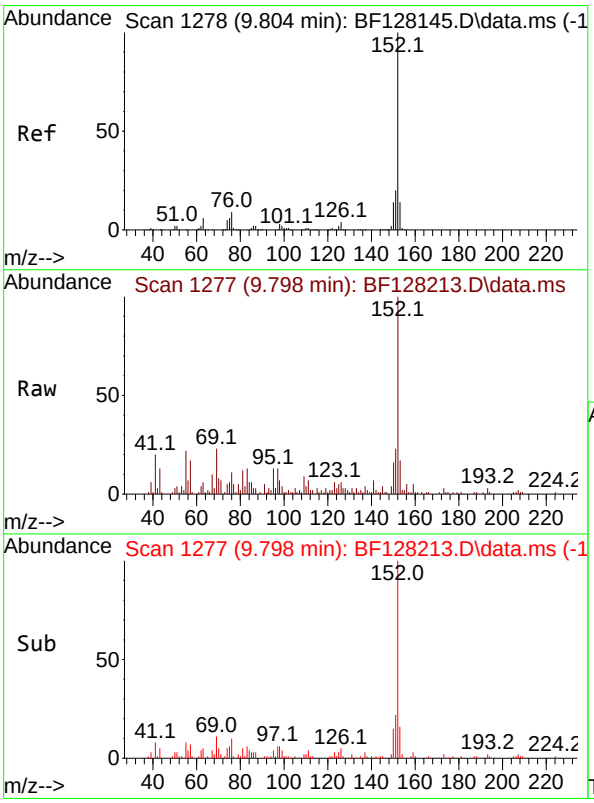
#45
2-Fluorobiphenyl
Concen: 70.332 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:172 Resp: 566347

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	23.6	19.1	28.7

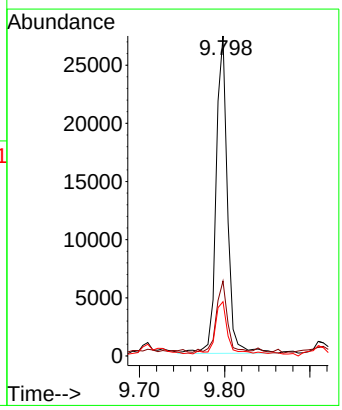


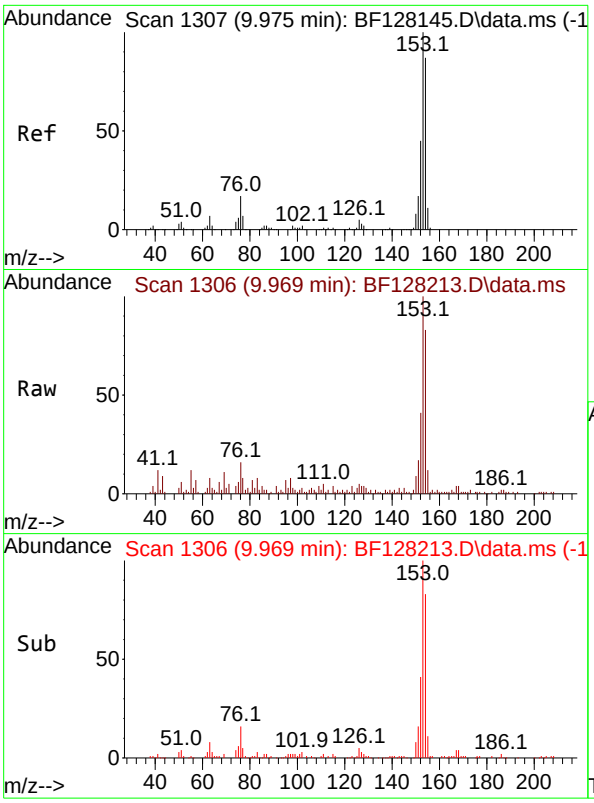


#49
Acenaphthylene
Concen: 2.463 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:152 Resp: 25328

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.2	24.2
153	16.9	11.2	16.8#



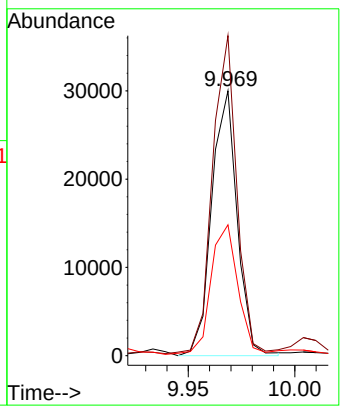


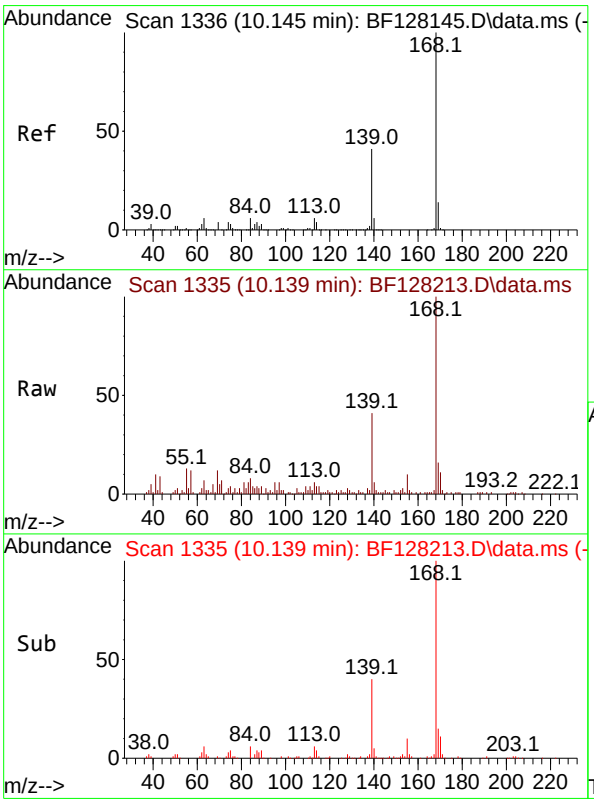
#52
Acenaphthene
Concen: 3.498 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:154 Resp: 24938

Ion	Ratio	Lower	Upper
154	100		
153	120.9	90.5	135.7
152	49.4	41.0	61.6

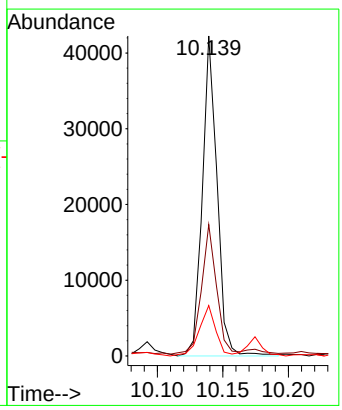


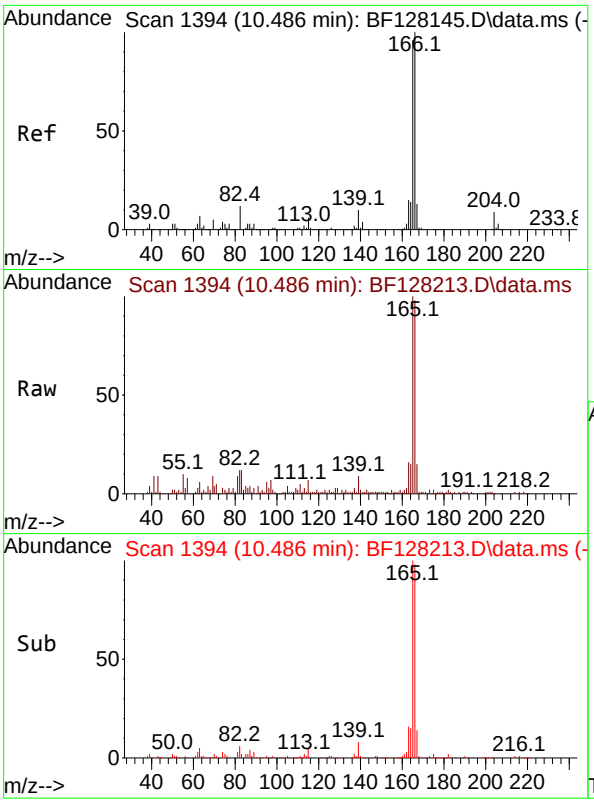


#55
Dibenzofuran
Concen: 3.288 ng
RT: 10.139 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:168 Resp: 33281

Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.7	47.5
169	15.8	10.9	16.3



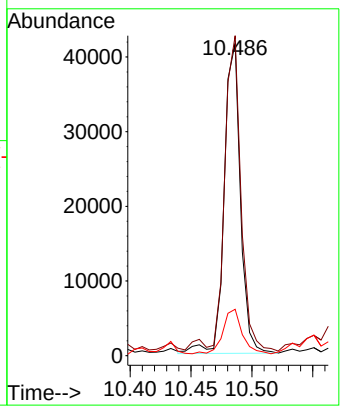


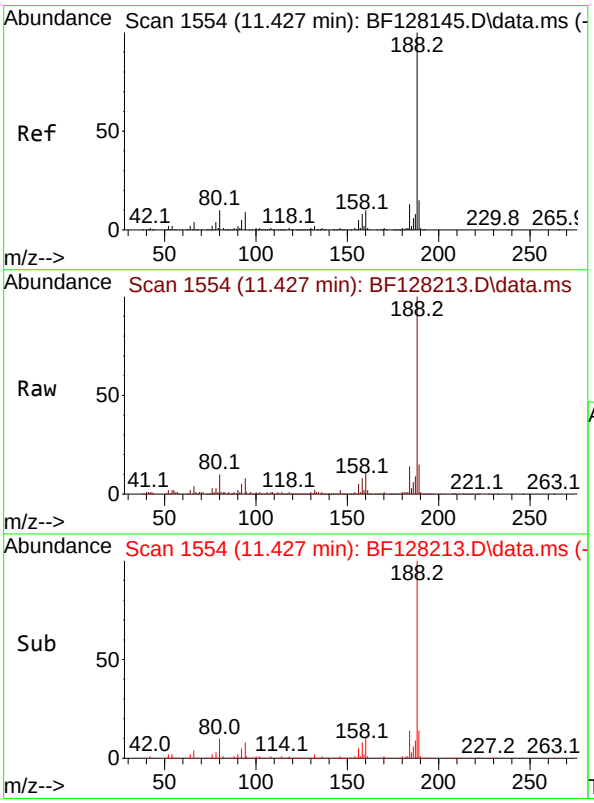
#58
Fluorene
Concen: 4.872 ng
RT: 10.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:166 Resp: 38413

Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.6	117.8
167	14.9	10.5	15.7

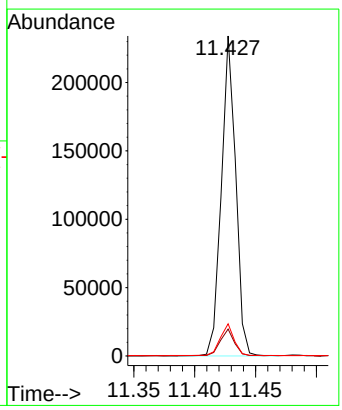


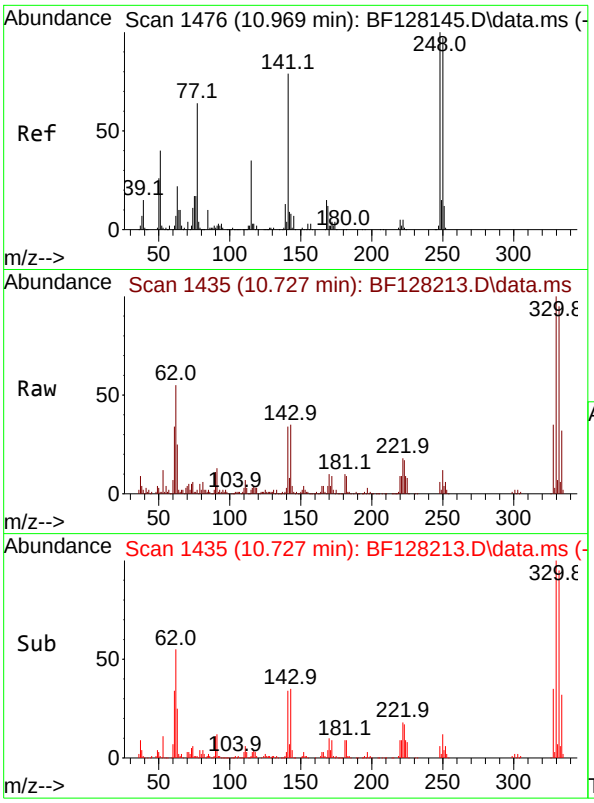


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:188 Resp: 192405

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	10.1	8.9	13.3



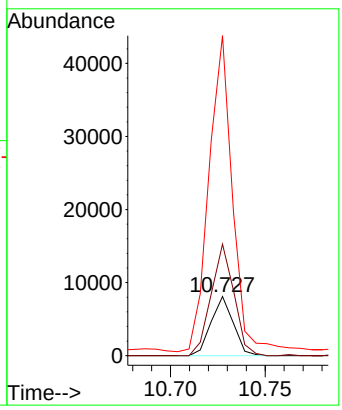


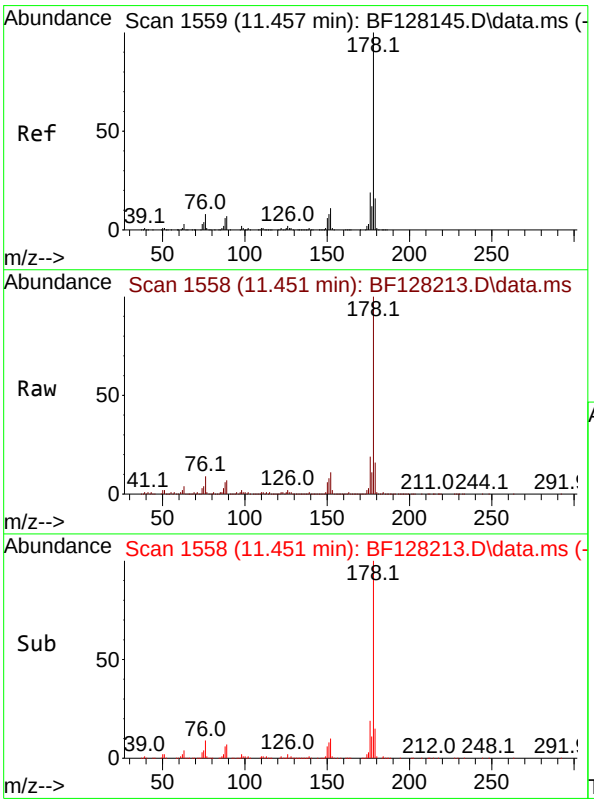
#67
4-Bromophenyl-phenylether
Concen: 3.199 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:248 Resp: 6623

Ion	Ratio	Lower	Upper
248	100		
250	188.5	77.7	116.5#
141	540.9	65.6	98.4#

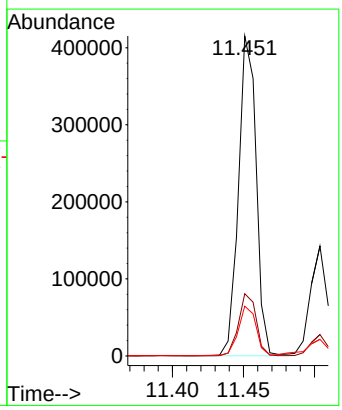


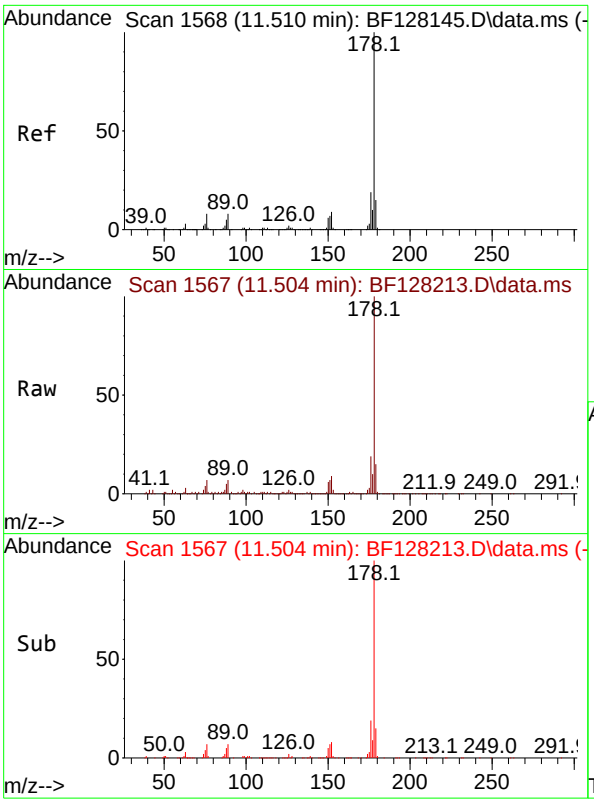


#71
Phenanthrene
Concen: 37.608 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:178 Resp: 360308

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.5	12.6	19.0



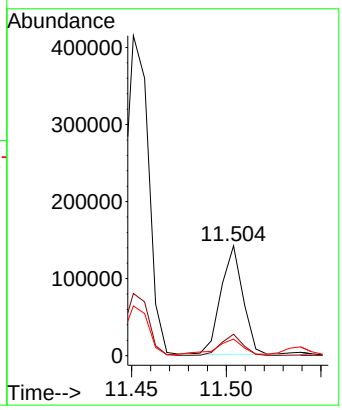


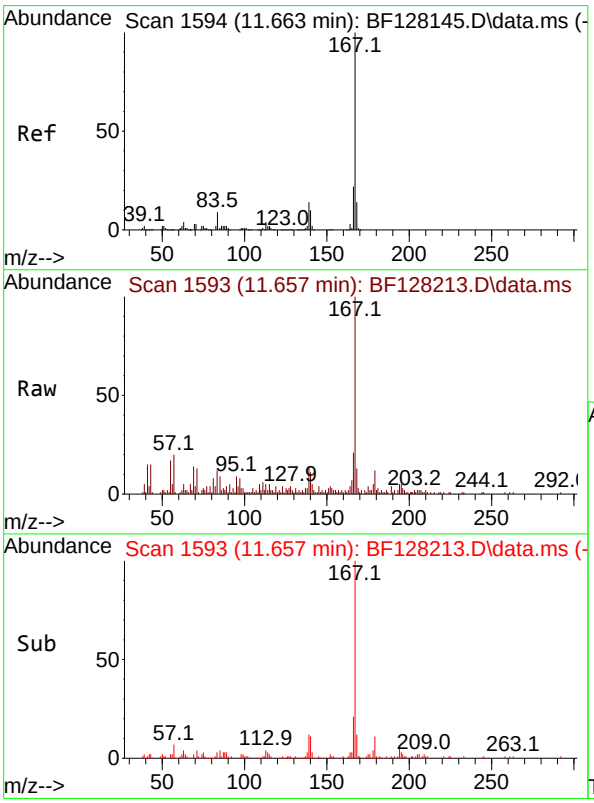
#72
Anthracene
Concen: 11.953 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:178 Resp: 114331

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.6
179	15.2	12.4	18.6

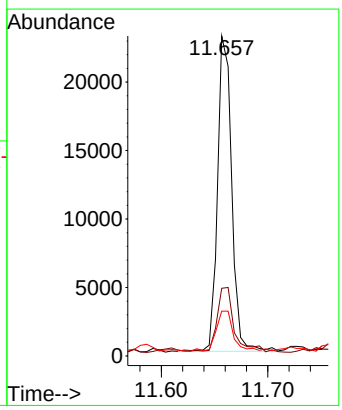


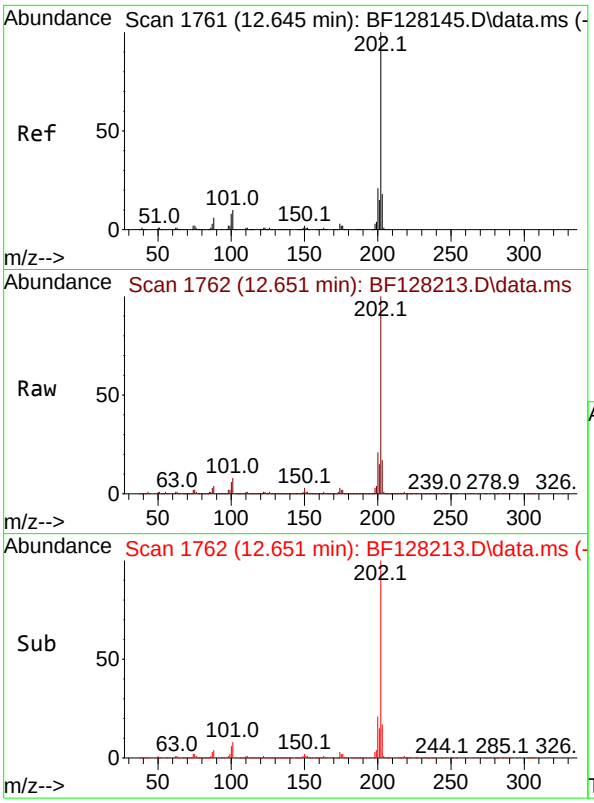


#73
Carbazole
Concen: 2.334 ng
RT: 11.657 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:167 Resp: 21229

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	14.0	10.7	16.1



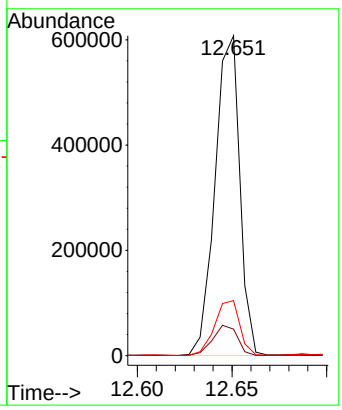


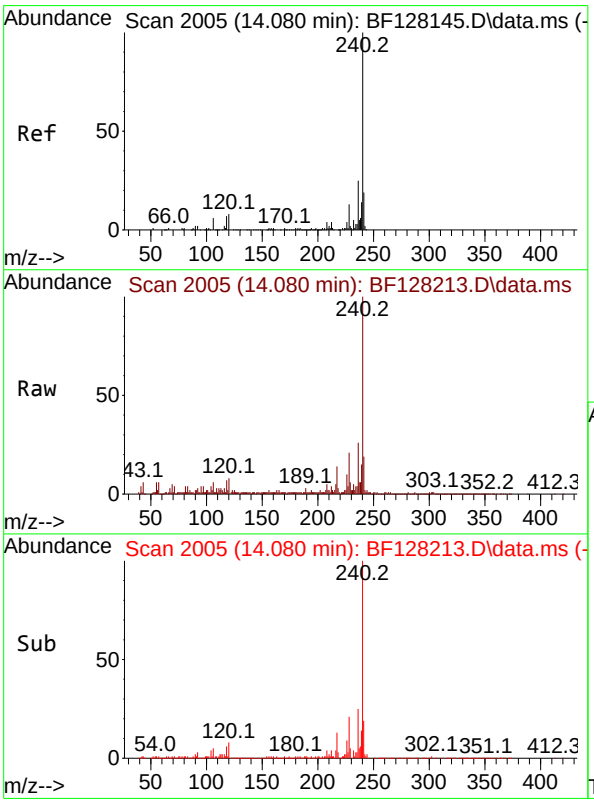
#75
Fluoranthene
Concen: 53.160 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:202 Resp: 552160

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	31.6
203	17.2	0.0	38.1

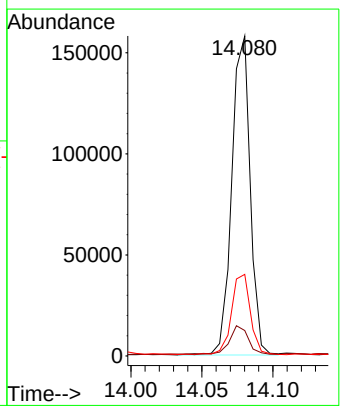


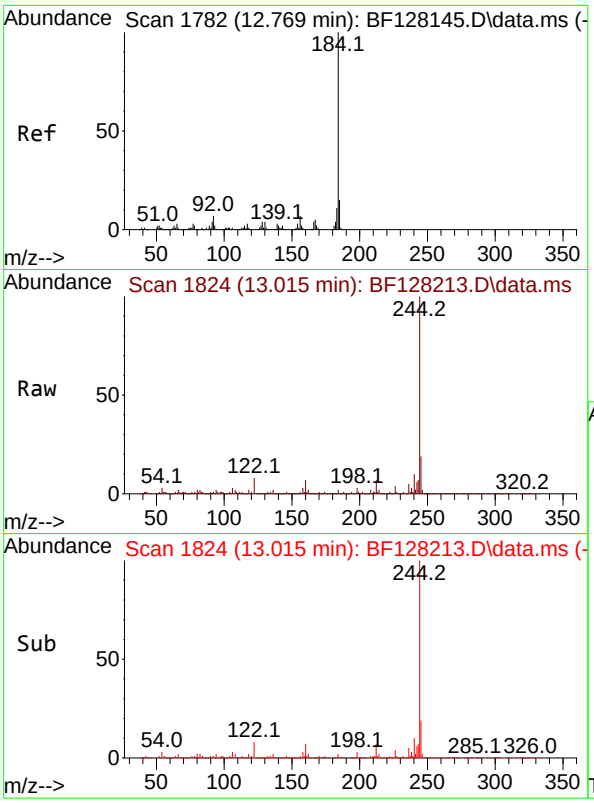


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:240 Resp: 142329

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.5	20.3	30.5



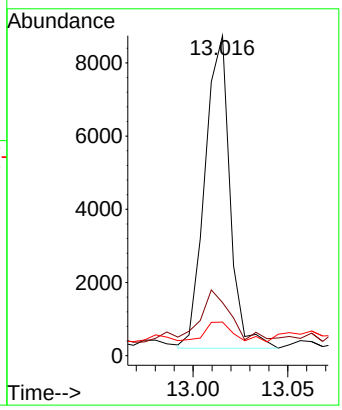


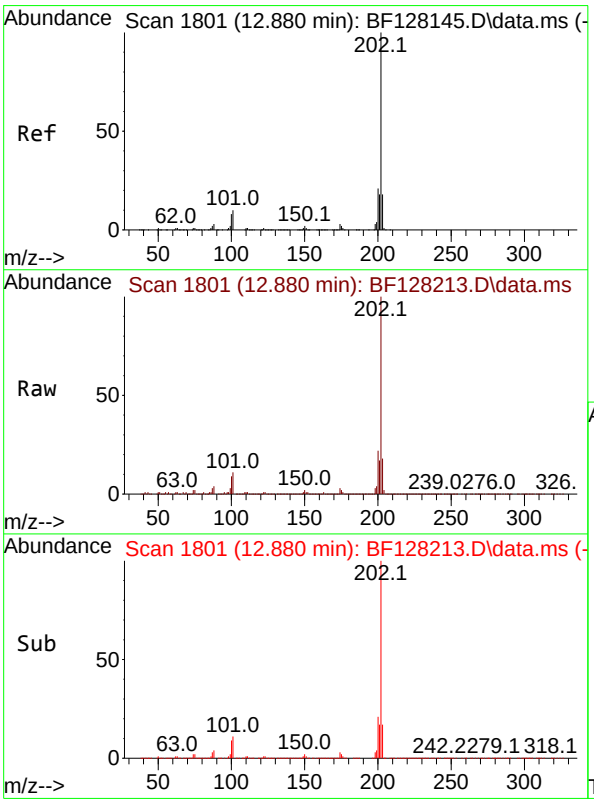
#77
Benzidine
Concen: 2.555 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:184 Resp: 7876

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.1	18.1
183	10.5	9.0	13.4

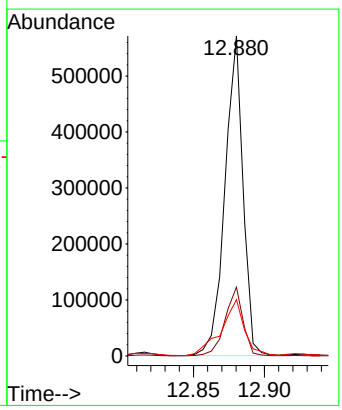


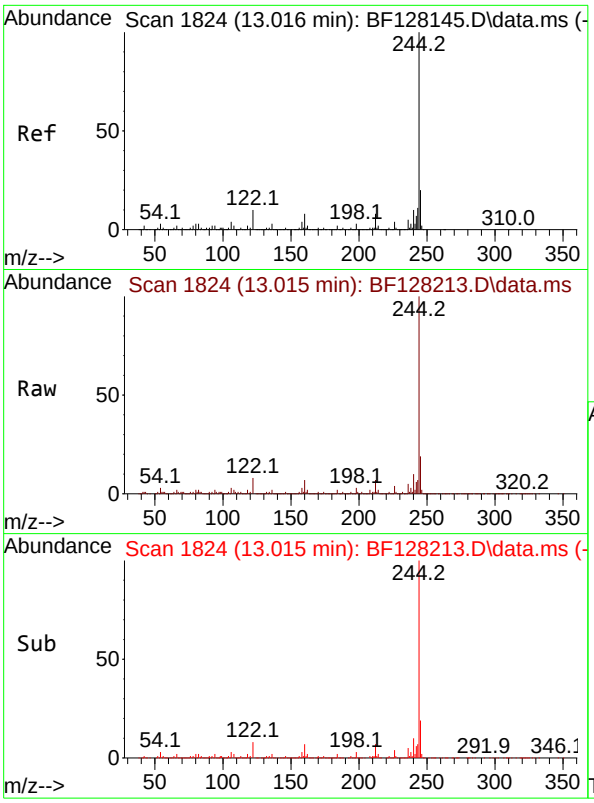


#78
Pyrene
Concen: 48.867 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:202 Resp: 504308

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.0	21.0



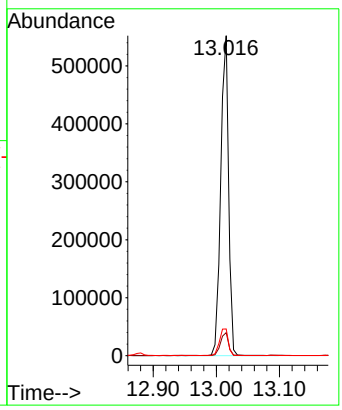


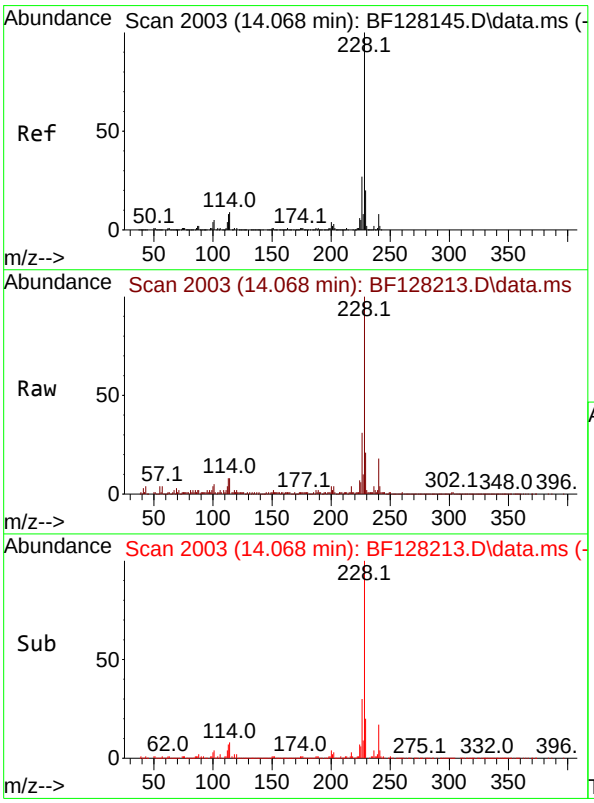
#79
Terphenyl-d14
Concen: 63.437 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:244 Resp: 481180

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	8.4	8.6	12.8#

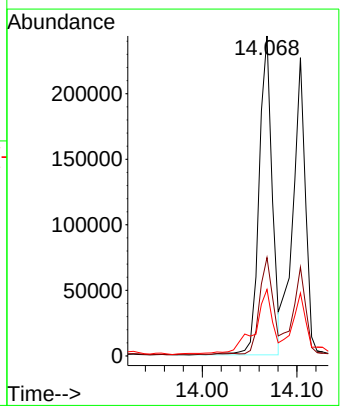


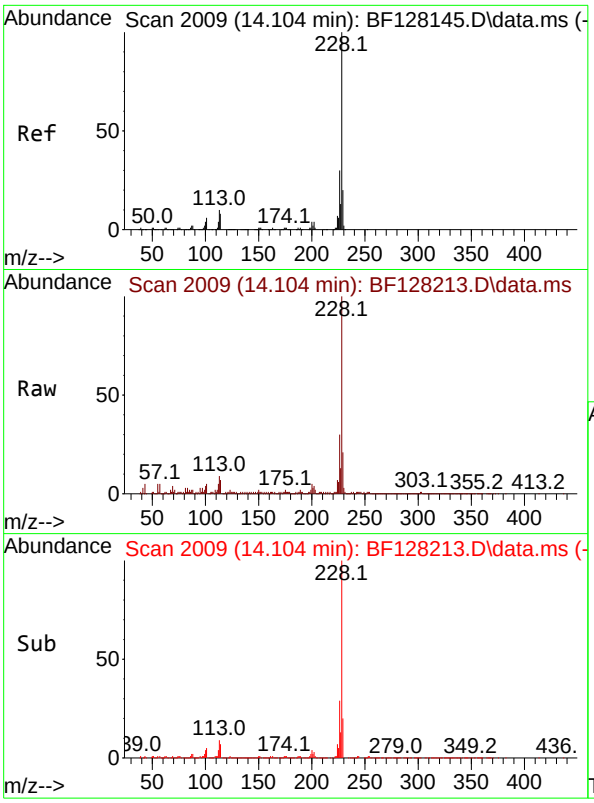


#81
Benzo(a)anthracene
Concen: 25.550 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:228 Resp: 232279

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.7	32.5
229	20.8	15.4	23.2



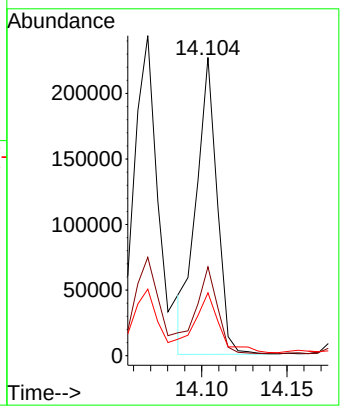


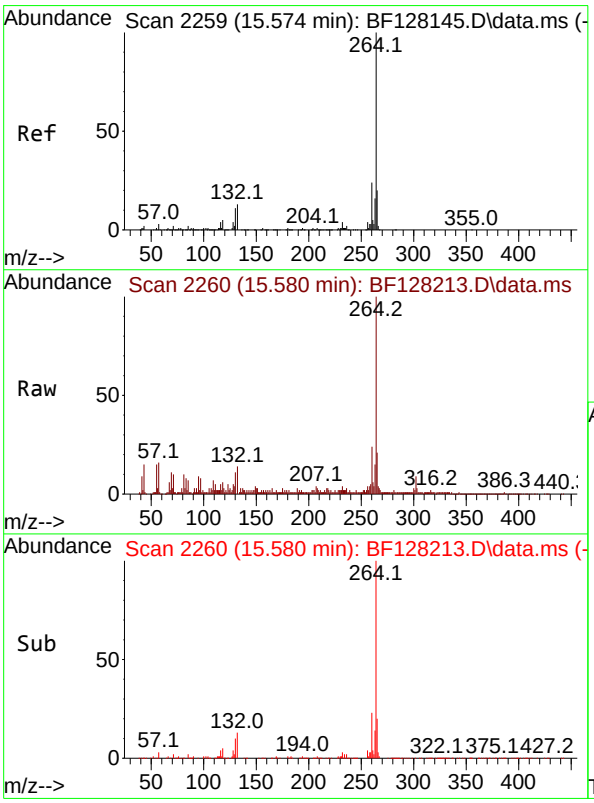
#83
Chrysene
Concen: 22.307 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:228 Resp: 193498

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.1	15.8	23.8

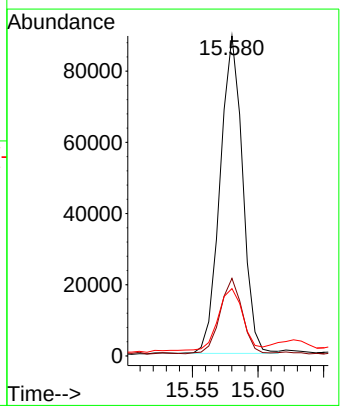


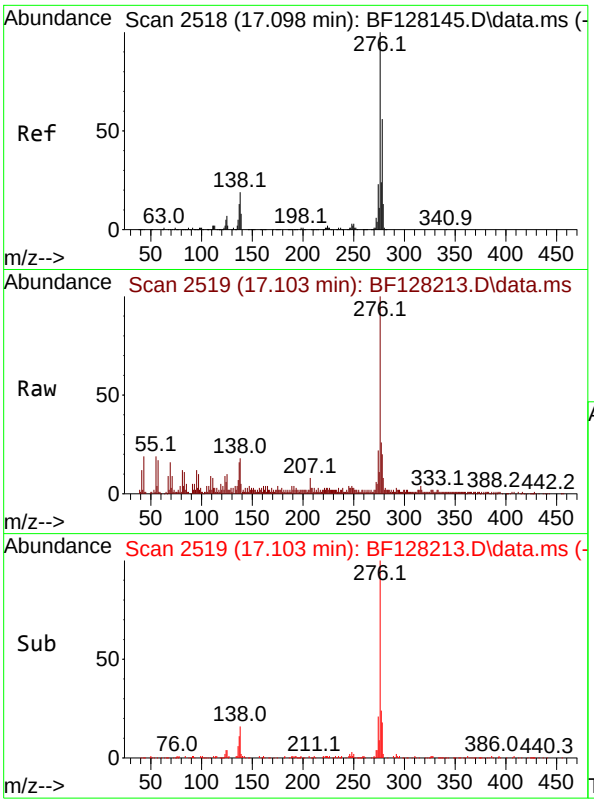


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:264 Resp: 106430

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	21.0	17.5	26.3



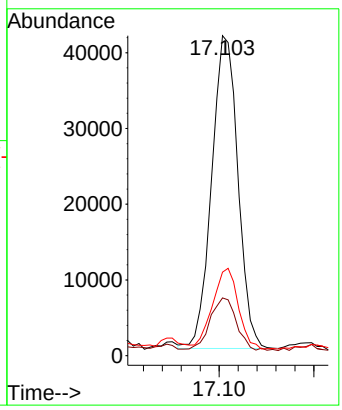


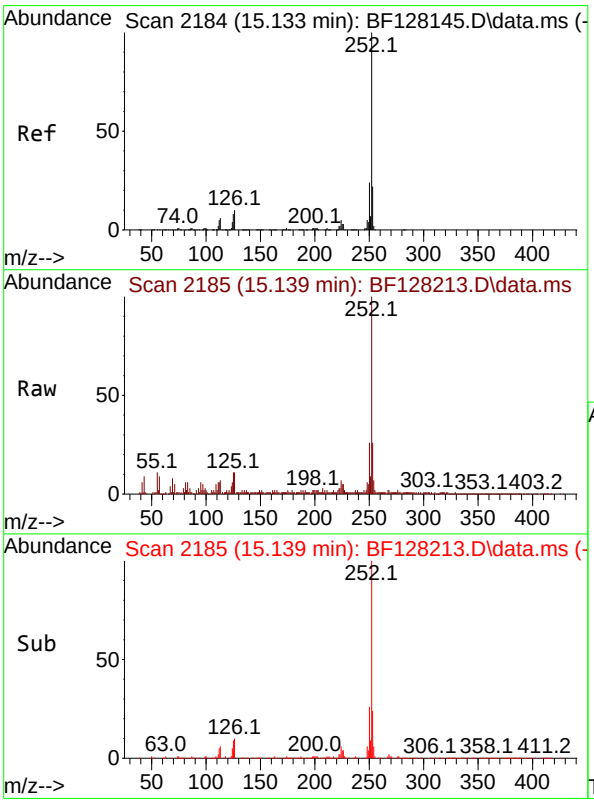
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.371 ng
RT: 17.103 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:276 Resp: 79648

Ion	Ratio	Lower	Upper
276	100		
138	17.0	19.0	28.4#
277	25.0	20.1	30.1

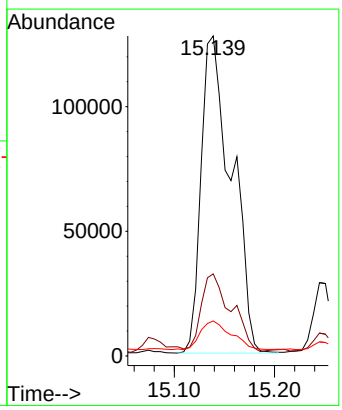


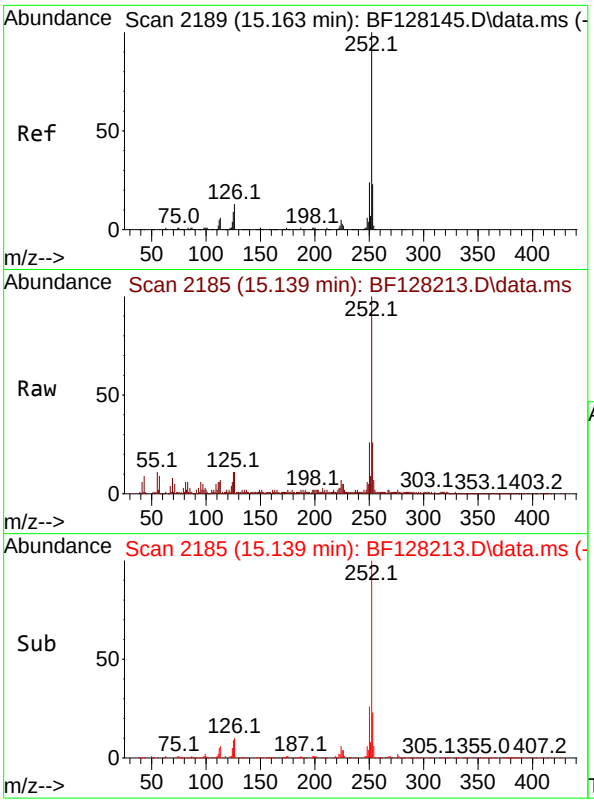


#88
Benzo(b)fluoranthene
Concen: 40.717 ng
RT: 15.139 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:252 Resp: 268634

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	11.0	7.4	11.2



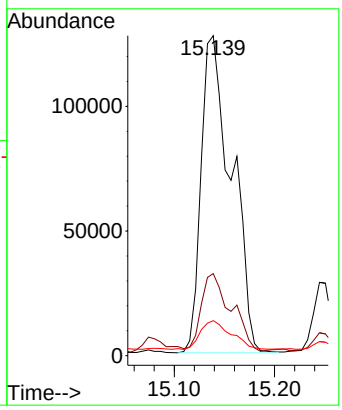


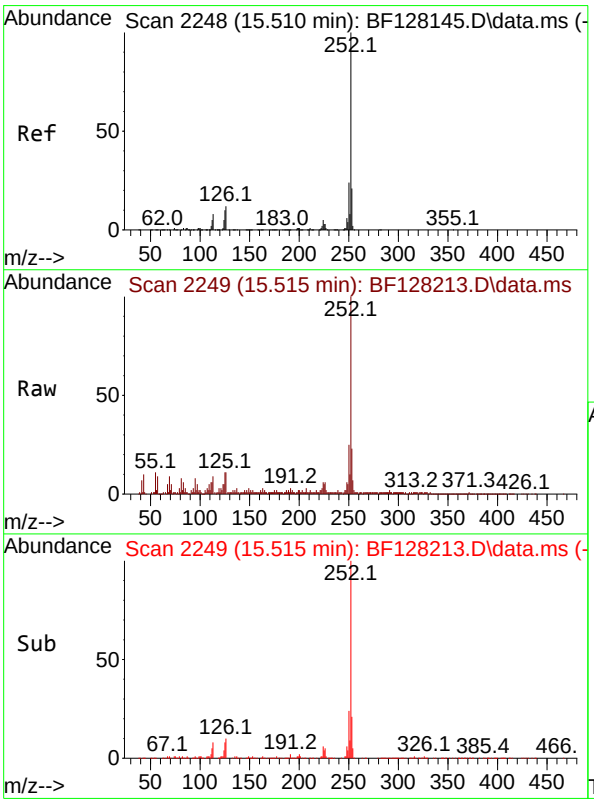
#89
Benzo(k)fluoranthene
Concen: 41.248 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:252 Resp: 268634

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.4#
125	11.0	6.8	10.2#

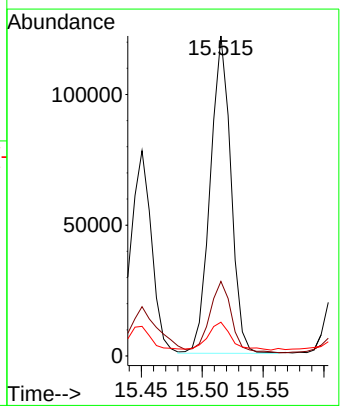


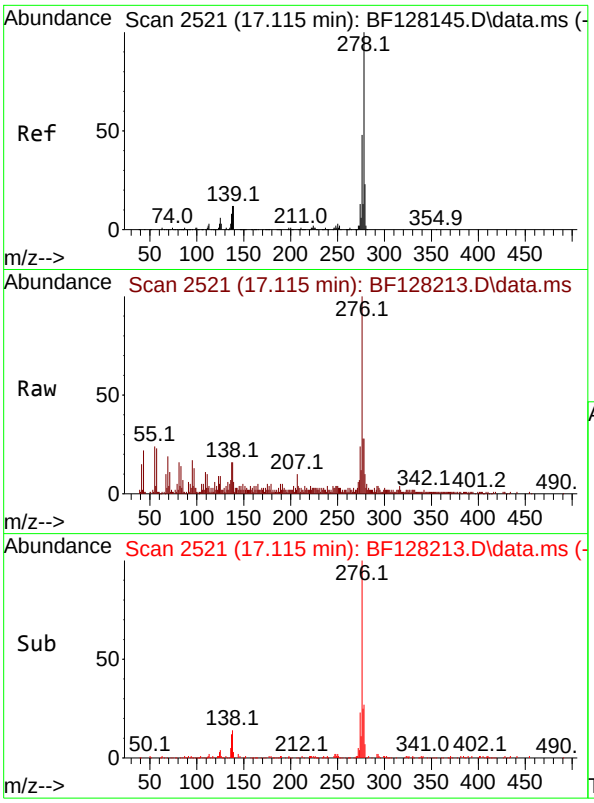


#90
Benzo(a)pyrene
Concen: 26.817 ng
RT: 15.515 min Scan# 2249
Delta R.T. 0.006 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:252 Resp: 142835

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.5	9.2	13.8



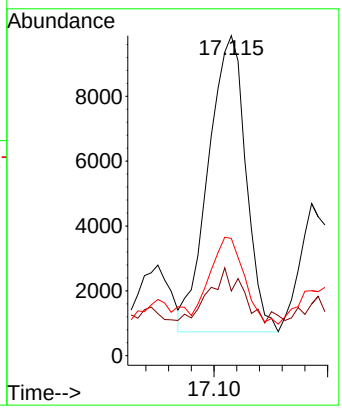


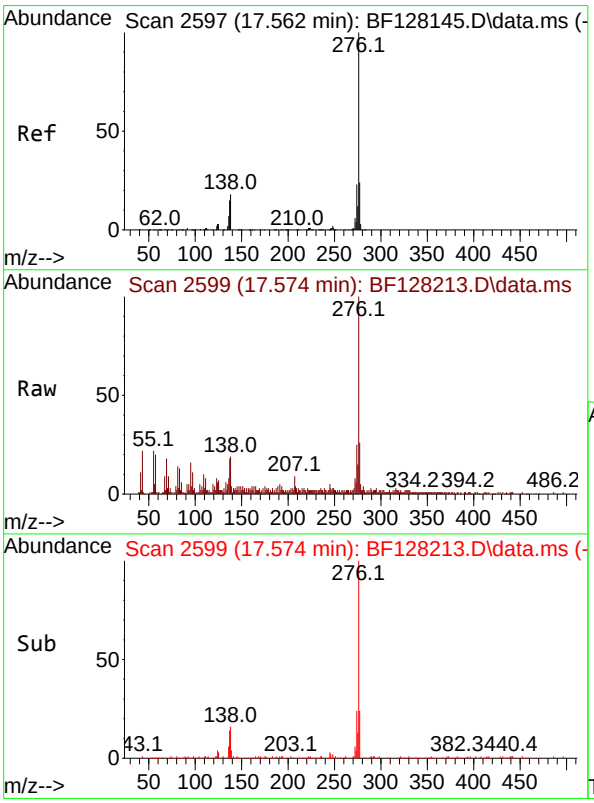
#91
Dibenzo(a,h)anthracene
Concen: 4.023 ng
RT: 17.115 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

Tgt Ion:278 Resp: 20969

Ion	Ratio	Lower	Upper
278	100		
139	20.2	12.6	19.0#
279	36.7	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 14.645 ng
RT: 17.574 min Scan# 2599
Delta R.T. 0.012 min
Lab File: BF128213.D
Acq: 12 May 2022 00:08

Tgt Ion:276 Resp: 77287

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.8	28.2
138	18.7	16.2	24.2