Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Quant Time: Oct 04 03:19:33 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	71715	20.000	ng		-0.01
21) Naphthalene-d8	7.916	136	233146	20.000	ng		-0.01
39) Acenaphthene-d10	9.669	164	100213	20.000	ng		-0.01
64) Phenanthrene-d10	11.151	188	171839	20.000	ng		0.00
76) Chrysene-d12	13.786	240	186533	20.000	ng	#	0.00
86) Perylene-d12	15.180	264	145407	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	474722	114.814	ng		0.00
7) Phenol-d6	6.281	99	511472	98.864	ng		-0.01
23) Nitrobenzene-d5	7.204	82	324067	71.012	ng		-0.01
42) 2,4,6-Tribromophenol	10.457	330	93751	97.634	ng		-0.01
45) 2-Fluorobiphenyl	8.992	172	469334	68.199	ng		-0.02
79) Terphenyl-d14	12.739	244	602047	53.464	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	44141	12.644	ng	#	74
25) Isophorone	7.204	82	324064	44.058	ng	#	66
31) Naphthalene	7.939	128	132003	10.990	ng		99
33) 4-Chloroaniline	7.939	127	17481	3.827	ng	#	35
37) 2-Methylnaphthalene	8.628	142	73195	9.558	ng		98
38) 1-Methylnaphthalene	8.728	142	74935	10.186	ng		100
46) 1,1'-Biphenyl	9.092	154	21466	2.868	ng		96
49) Acenaphthylene	9.528	152	58749	6.472	ng		96
51) 2,6-Dinitrotoluene	9.669	165	17297	11.948	ng	#	17
52) Acenaphthene	9.698	154	76961	12.904	ng		99
55) Dibenzofuran	9.875	168	125742	15.157	ng		99
58) Fluorene	10.216	166	171052	25.212	ng		100
67) 4-Bromophenyl-phenylether	10.457	248	5732	3.024	ng	#	1
71) Phenanthrene	11.180	178	1337825	138.667	ng		99
72) Anthracene	11.227	178	312327	33.546	ng		100
73) Carbazole	11.386	167	144129	17.153	ng		99
75) Fluoranthene	12.369	202	1524376	163.514	ng		99
78) Pyrene	12.598	202	1369370	83.918	ng		100
81) Benzo(a)anthracene	13.780	228	697810	56.234	ng		98
83) Chrysene	13.816	228	585929	49.729	ng		96
87) Indeno(1,2,3-cd)pyrene	16.498	276	198424	19.243	ng	#	93
88) Benzo(b)fluoranthene	14.792	252	834447	87.923	ng		98
89) Benzo(k)fluoranthene	14.792	252	834447	89.380	ng		97
90) Benzo(a)pyrene	15.127	252	429876	57.173	ng		98
91) Dibenzo(a,h)anthracene	16.509	278	48785	5.767	ng	#	90
92) Benzo(g,h,i)perylene	16.898	276	180195	21.147	ng		98

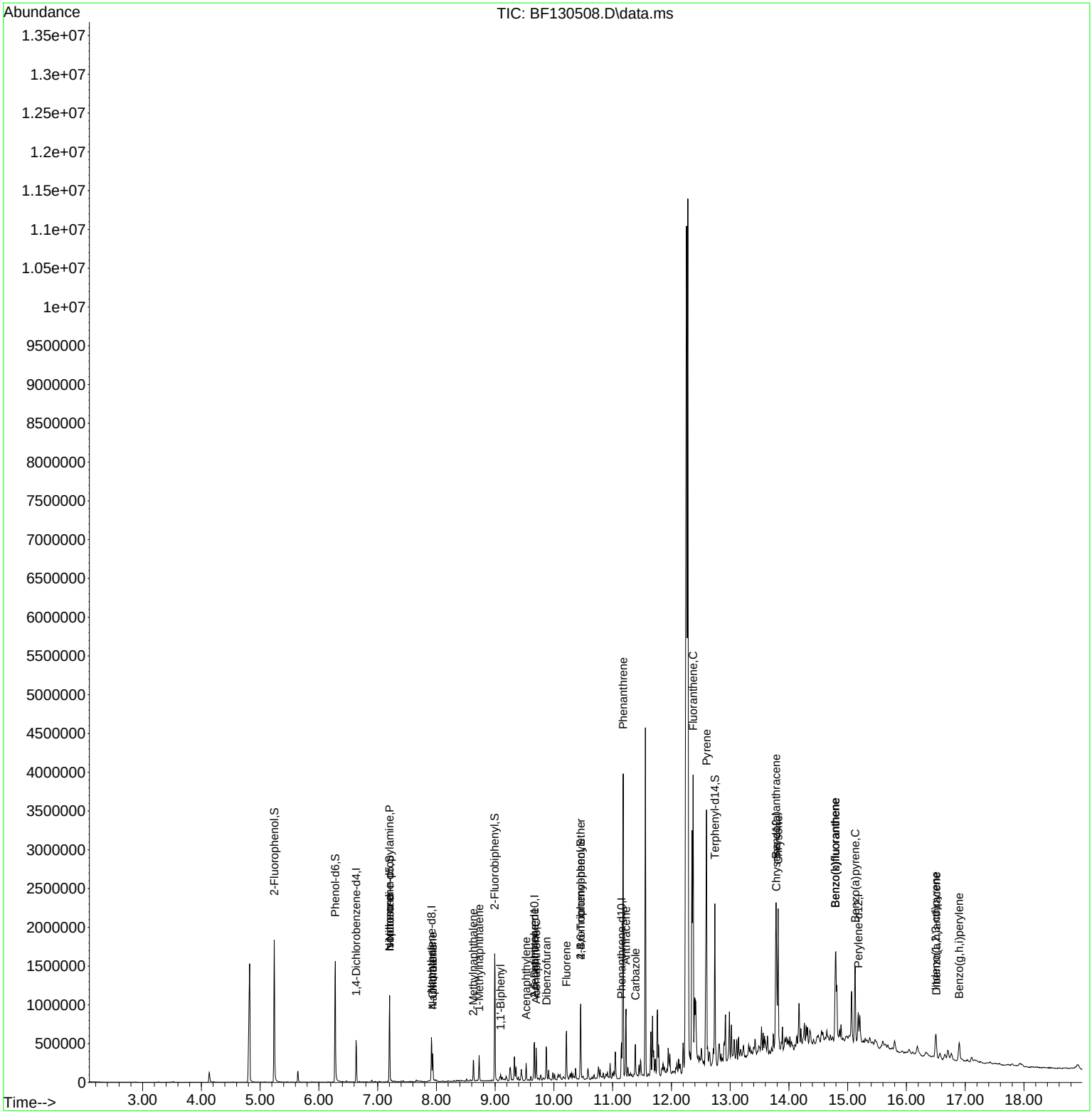
(#) = qualifier out of range (m) = manual integration (+) = signals summed

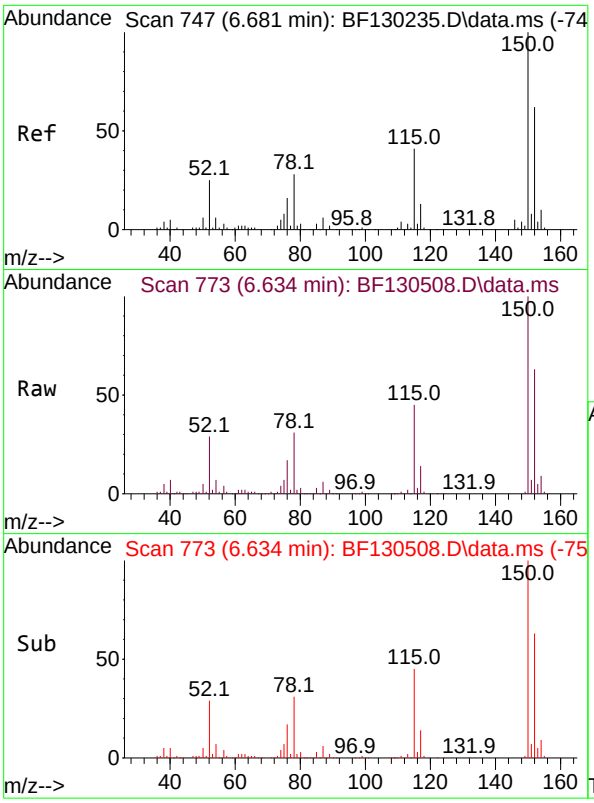
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130508.D
Acq On : 03 Oct 2022 20:01
Operator : CG\JU
Sample : N4907-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Quant Time: Oct 04 03:19:33 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



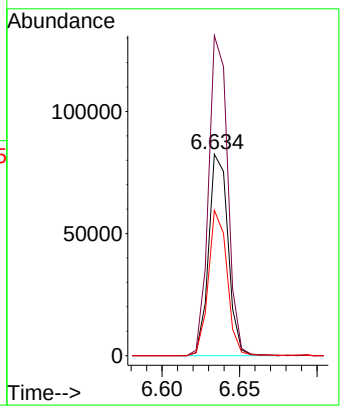


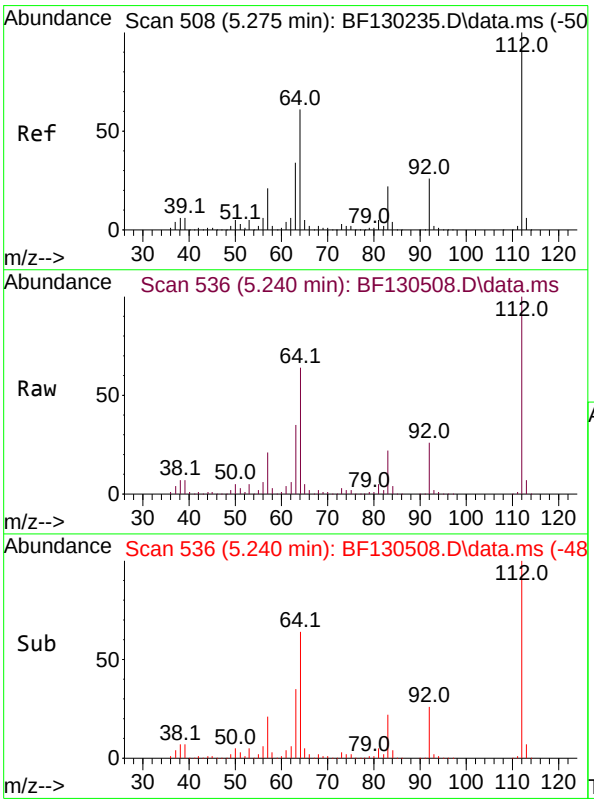
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:152 Resp: 71715

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.8	184.2
115	72.2	53.8	80.8

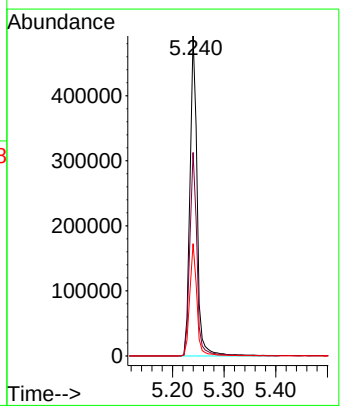


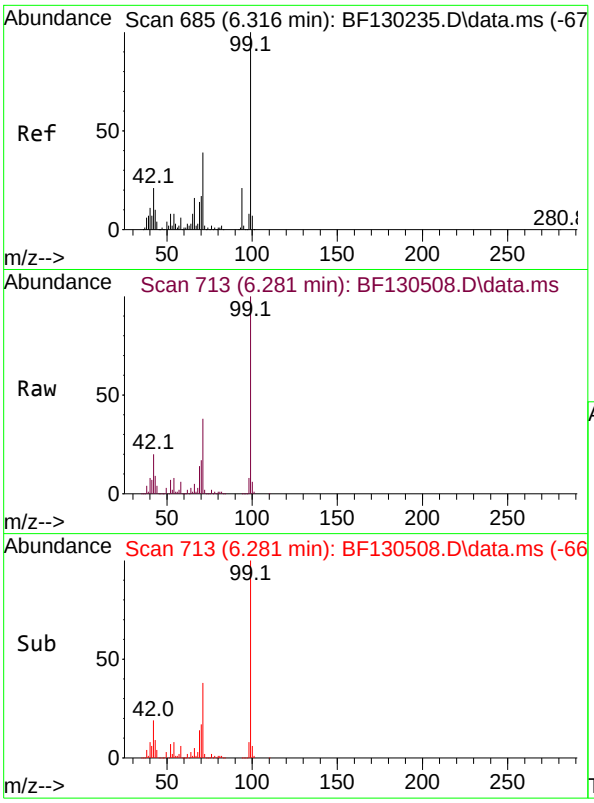


#5
2-Fluorophenol
Concen: 114.814 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:112 Resp: 474722

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.4	77.0
63	35.1	28.8	43.2



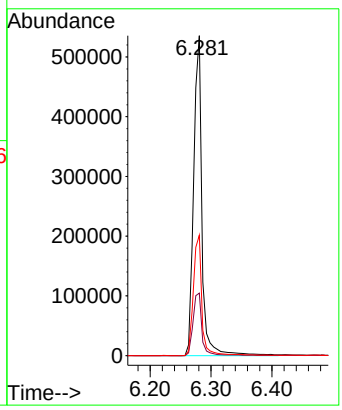


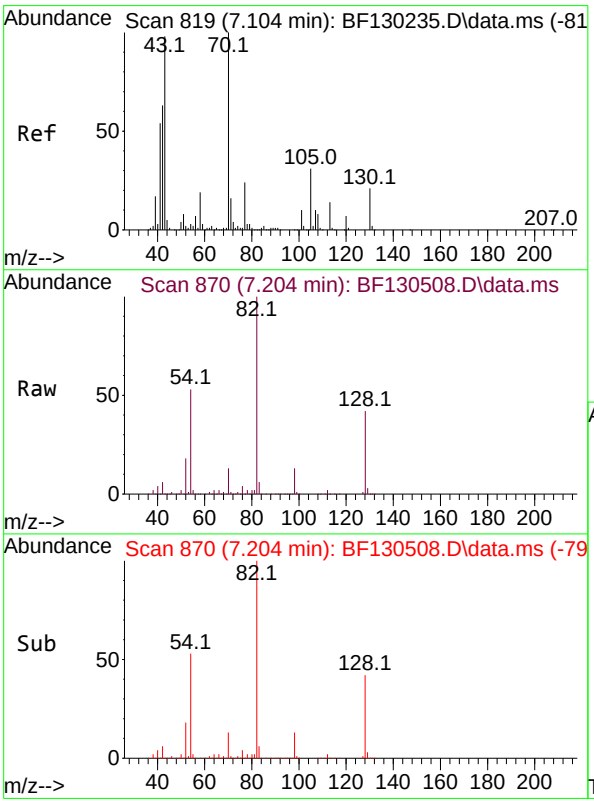
#7
Phenol-d6
Concen: 98.864 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion: 99 Resp: 511472

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.0	25.6
71	37.6	32.3	48.5

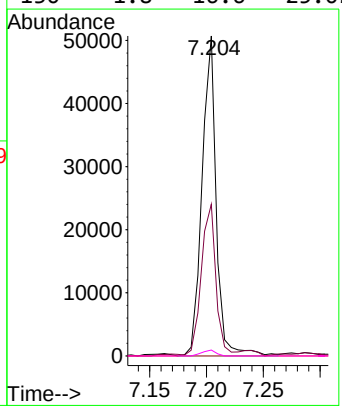


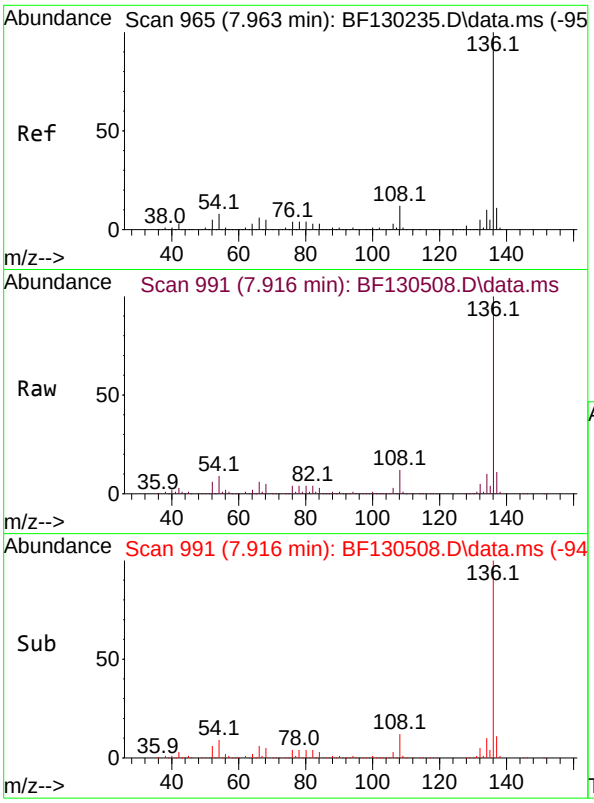


#19
n-Nitroso-di-n-propylamine
Concen: 12.644 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion: 70 Resp: 44141

Ion	Ratio	Lower	Upper
70	100		
42	47.4	50.8	76.2#
101	0.0	8.2	12.4#
130	1.8	16.6	25.0#



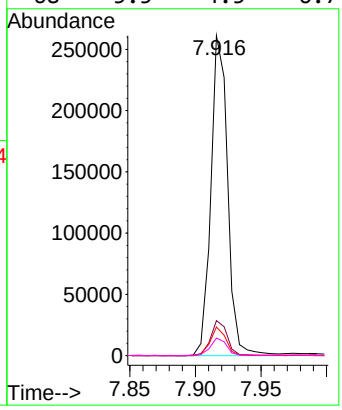


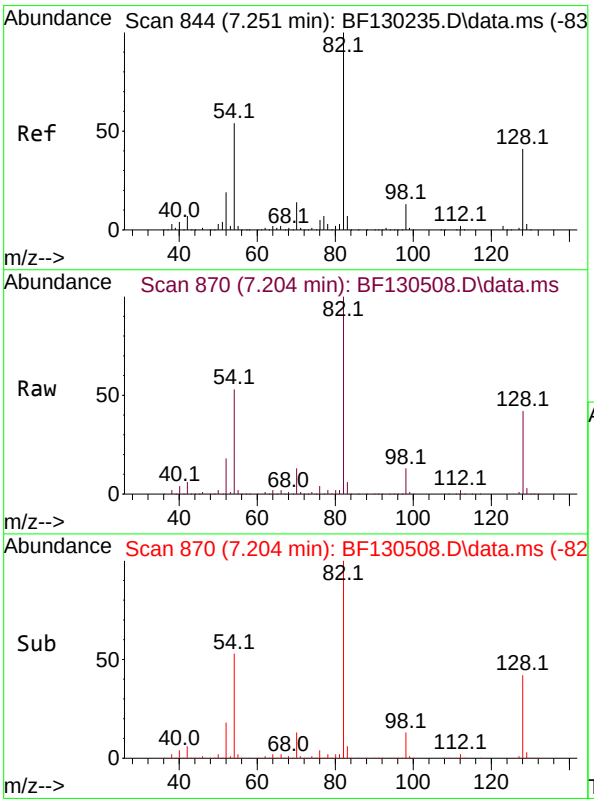
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 99
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:136 Resp: 233146

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.9	7.1	10.7
68	5.5	4.5	6.7

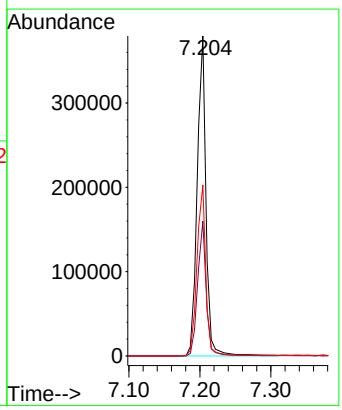


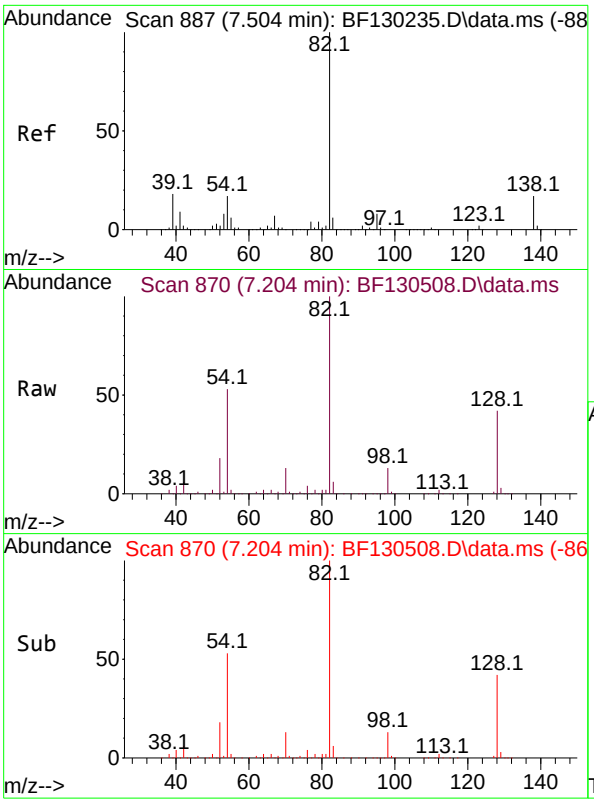


#23
Nitrobenzene-d5
Concen: 71.012 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion: 82 Resp: 324067

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.6	49.0
54	53.4	43.8	65.6



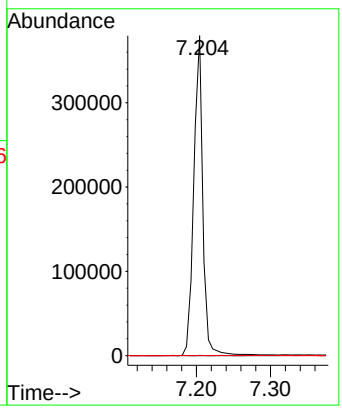


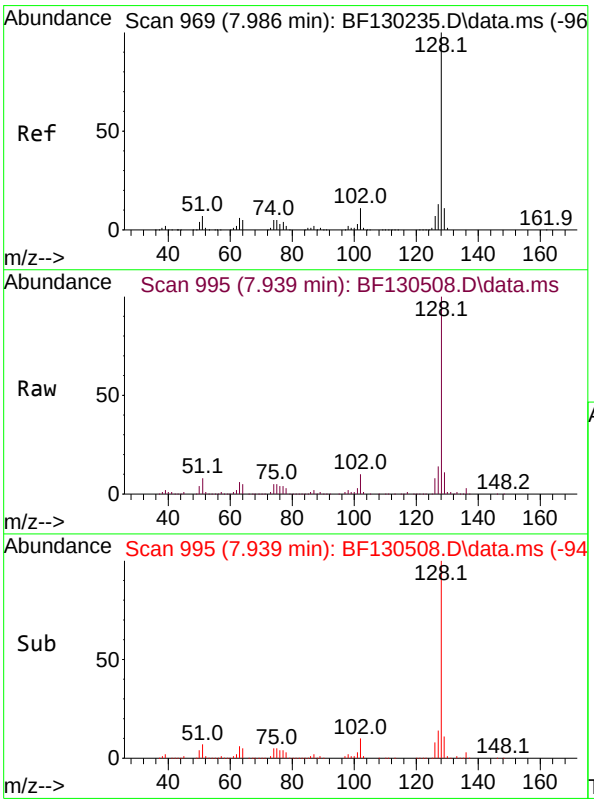
#25
Isophorone
Concen: 44.058 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion: 82 Resp: 324064

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.4	9.6#
138	0.0	13.8	20.6#

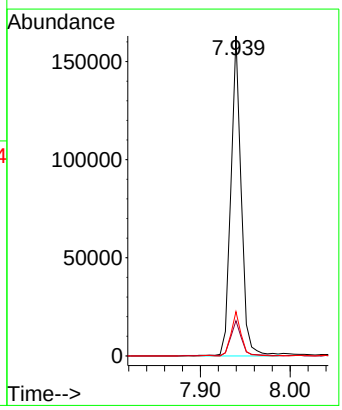


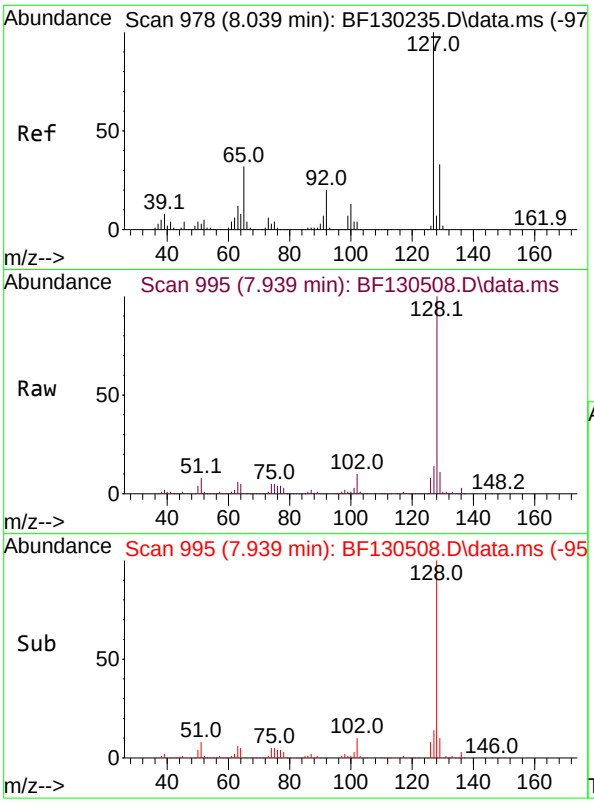


#31
Naphthalene
Concen: 10.990 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:128 Resp: 132003

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.8	10.6	16.0



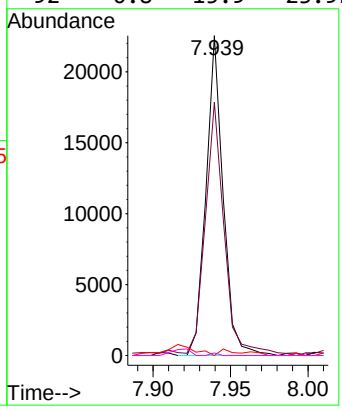


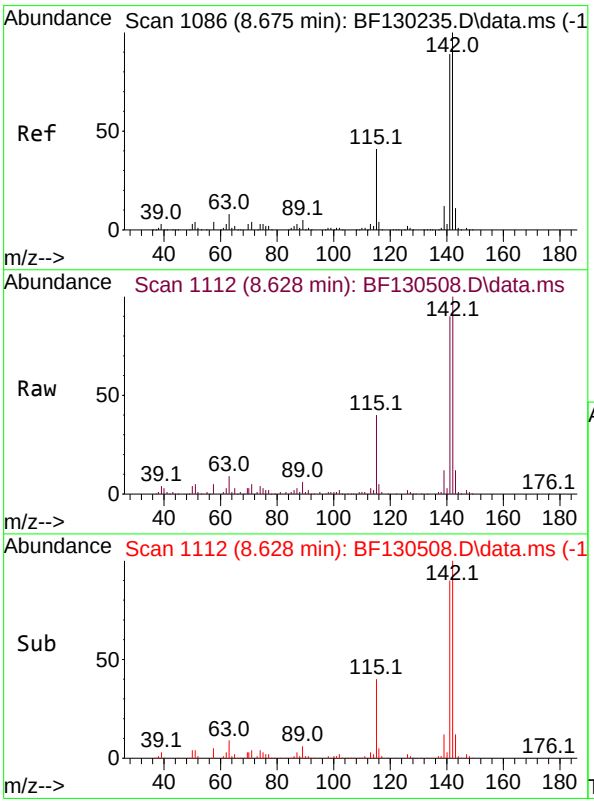
#33
4-Chloroaniline
Concen: 3.827 ng
RT: 7.939 min Scan# 99
Delta R.T. -0.065 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:127 Resp: 17481

Ion	Ratio	Lower	Upper
127	100		
129	79.2	25.6	38.4#
65	0.0	27.0	40.6#
92	0.8	15.9	23.9#

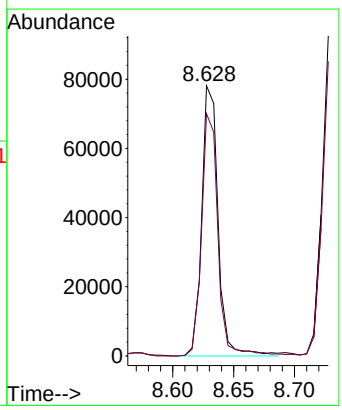


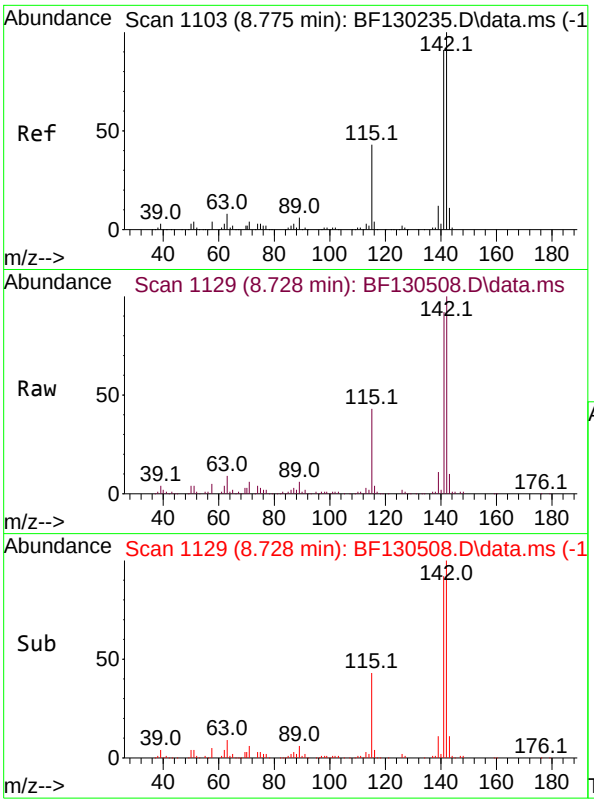


#37
2-Methylnaphthalene
Concen: 9.558 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:142 Resp: 73195

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0



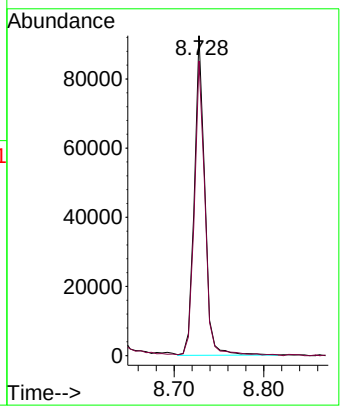


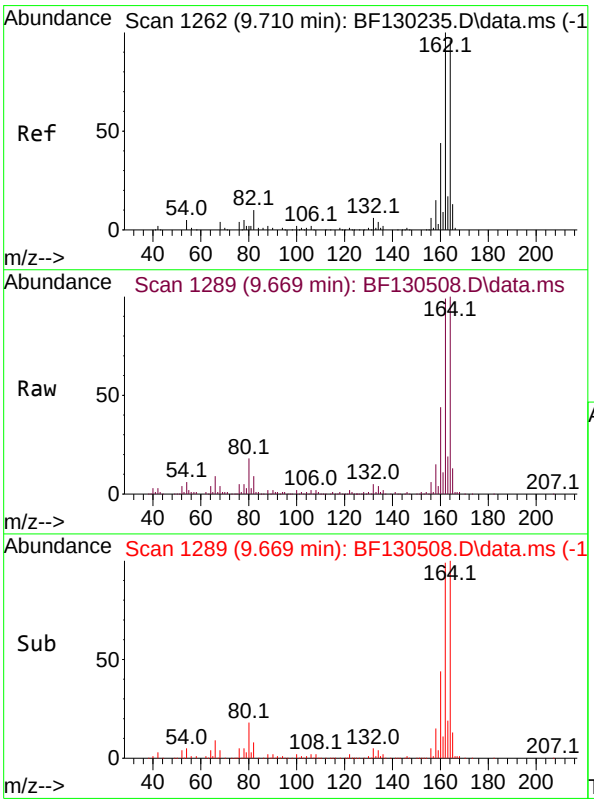
#38
1-Methylnaphthalene
Concen: 10.186 ng
RT: 8.728 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:142 Resp: 74935

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8

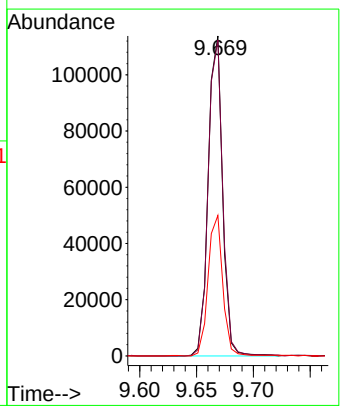


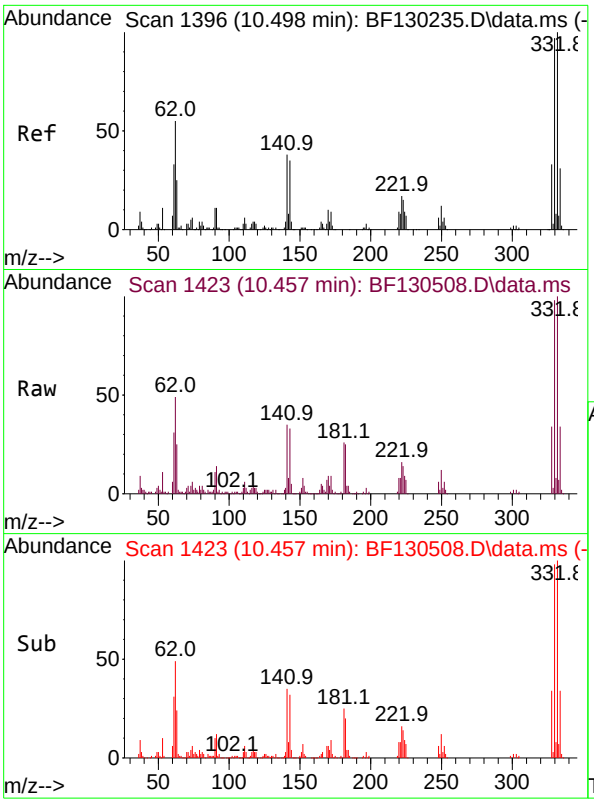


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:164 Resp: 100213

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	43.9	36.2	54.4



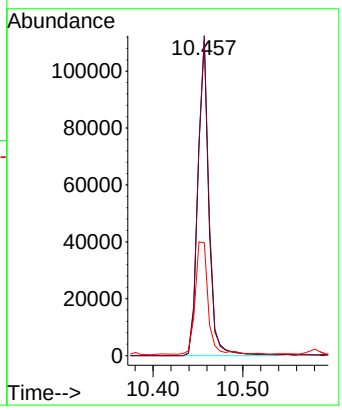


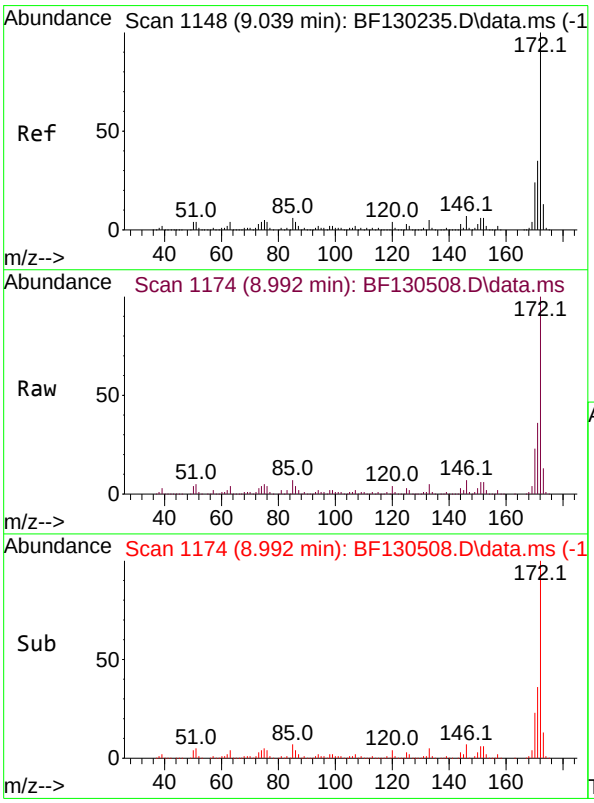
#42
2,4,6-Tribromophenol
Concen: 97.634 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:330 Resp: 93751

Ion	Ratio	Lower	Upper
330	100		
332	102.9	83.4	125.2
141	41.7	34.0	51.0

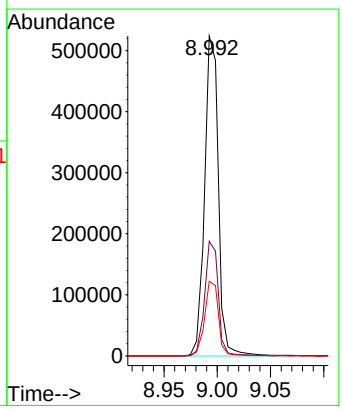


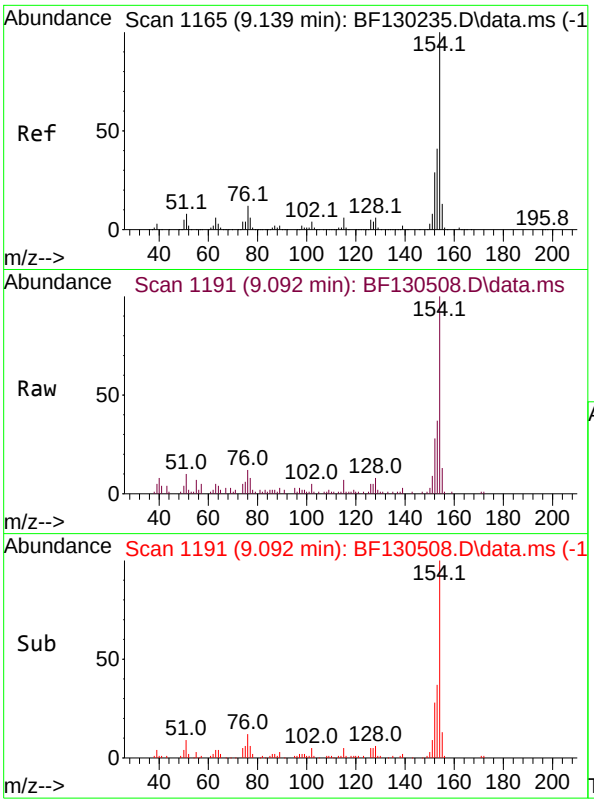


#45
2-Fluorobiphenyl
Concen: 68.199 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:172 Resp: 469334

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.3	18.7	28.1



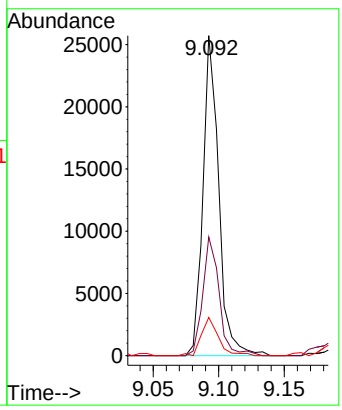


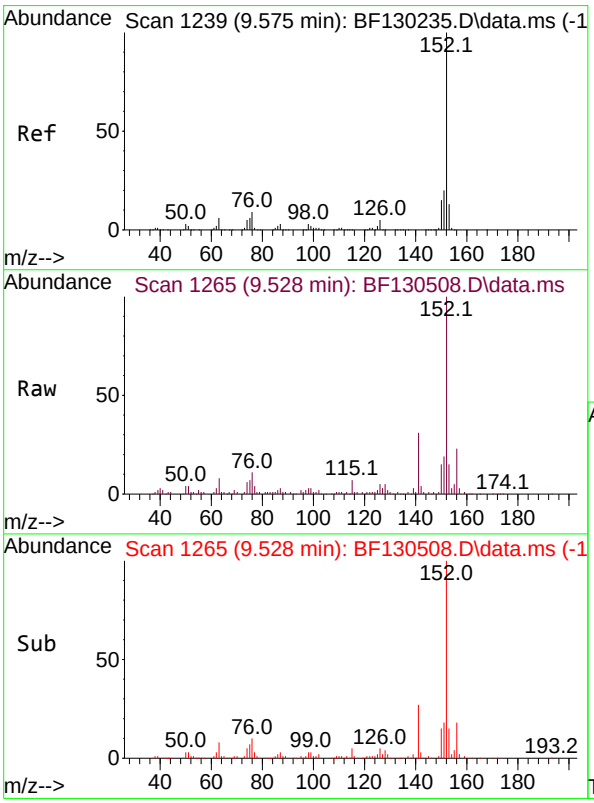
#46
1,1'-Biphenyl
Concen: 2.868 ng
RT: 9.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:154 Resp: 21466

Ion	Ratio	Lower	Upper
154	100		
153	37.1	20.0	60.0
76	11.9	0.0	33.3

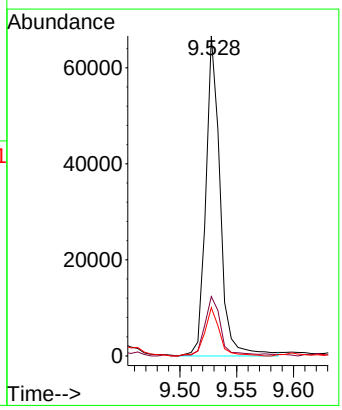


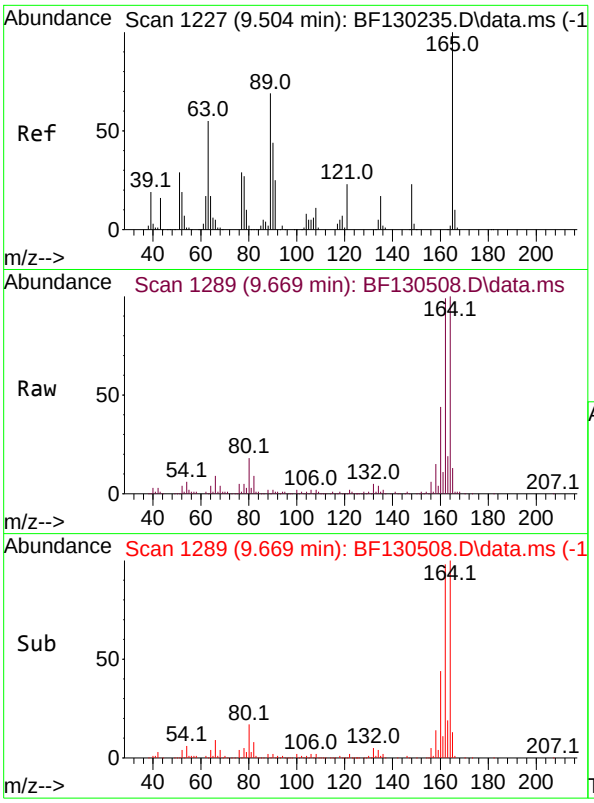


#49
Acenaphthylene
Concen: 6.472 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:152 Resp: 58749

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.2
153	15.1	10.6	15.8



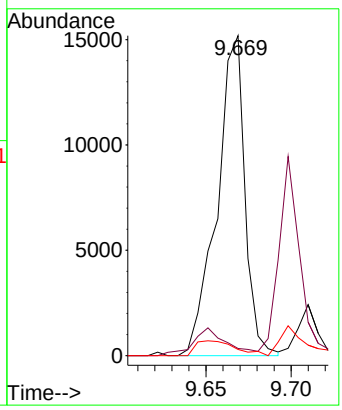


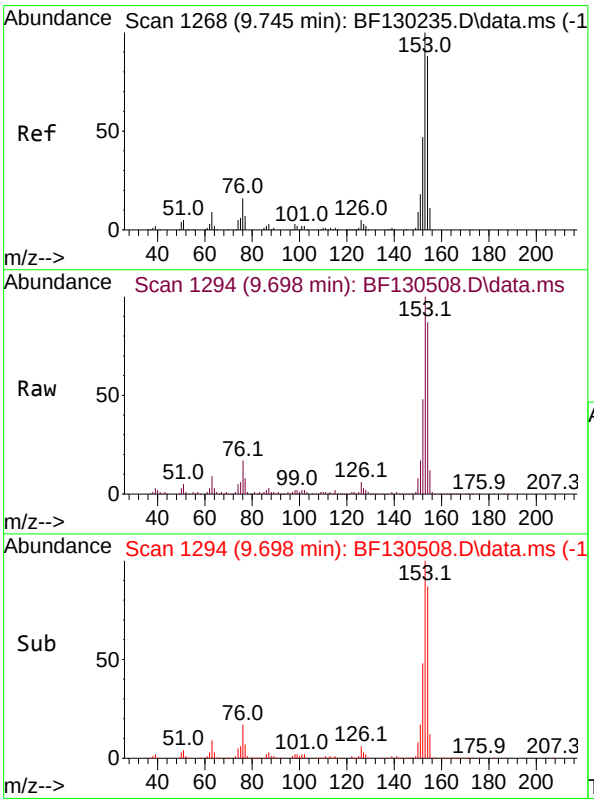
#51
2,6-Dinitrotoluene
Concen: 11.948 ng
RT: 9.669 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:165 Resp: 17297

Ion	Ratio	Lower	Upper
165	100		
63	2.2	58.8	88.2#
89	1.9	54.5	81.7#

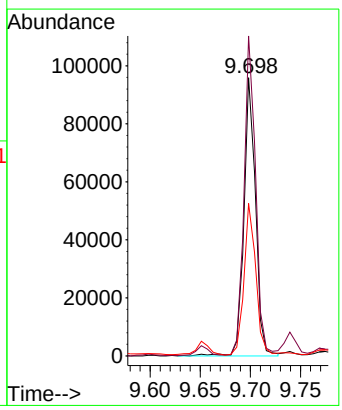


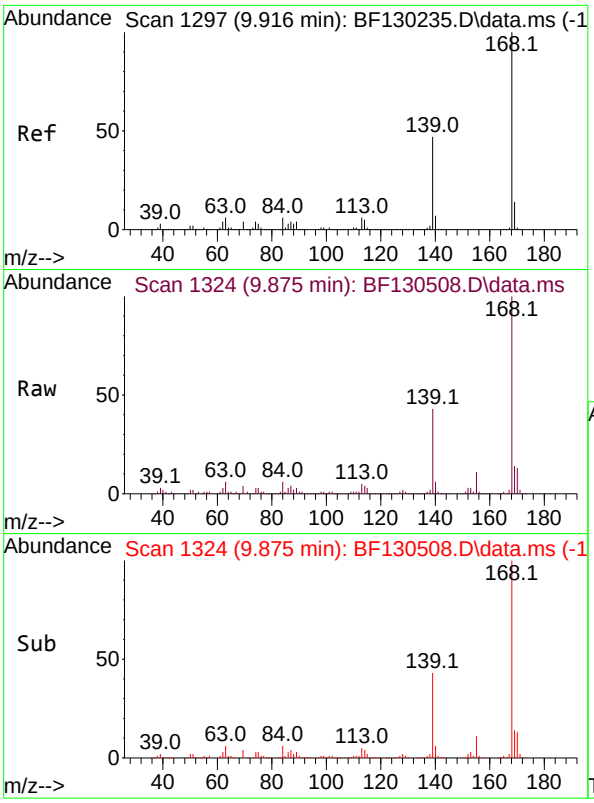


#52
Acenaphthene
Concen: 12.904 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:154 Resp: 76961

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.6	136.0
152	54.8	43.8	65.6



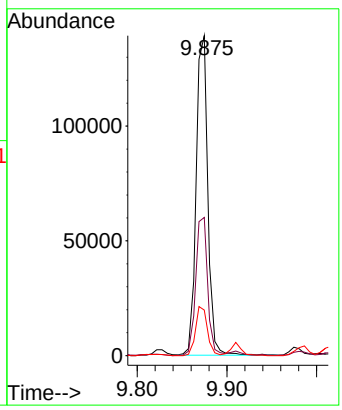


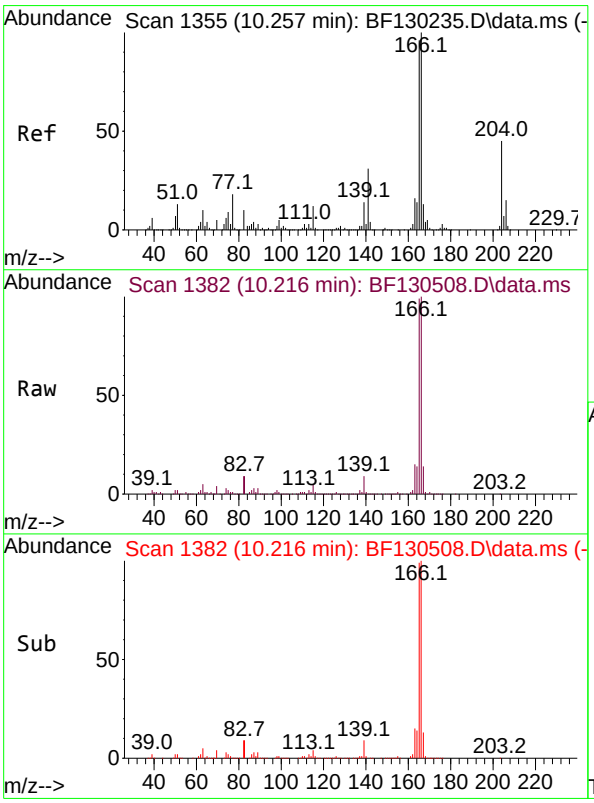
#55
Dibenzofuran
Concen: 15.157 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:168 Resp: 125742

Ion	Ratio	Lower	Upper
168	100		
139	43.2	35.0	52.4
169	14.2	10.9	16.3

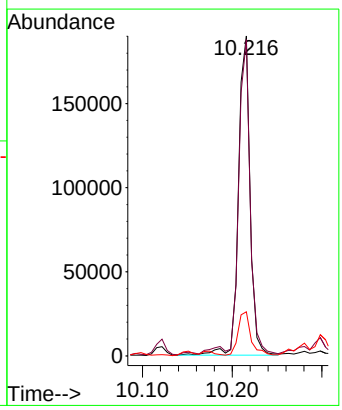


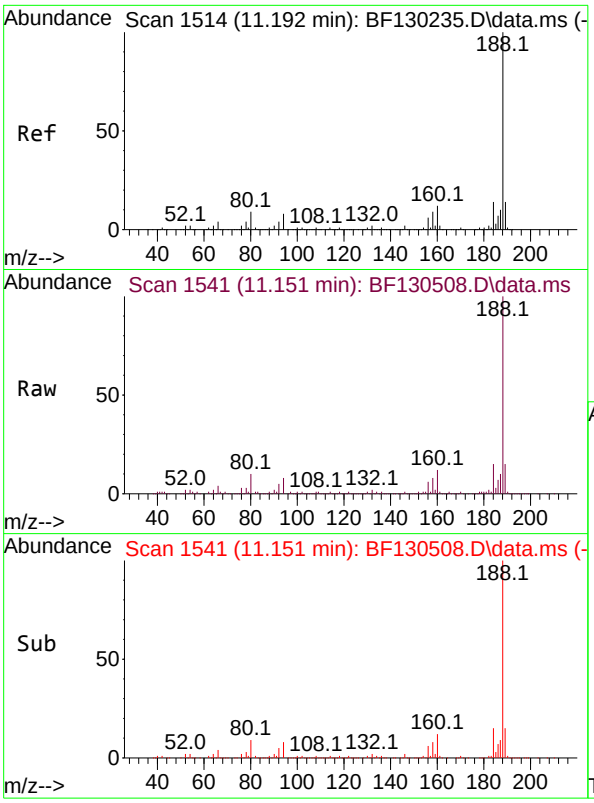


#58
Fluorene
Concen: 25.212 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:166 Resp: 171052

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.8	10.6	15.8



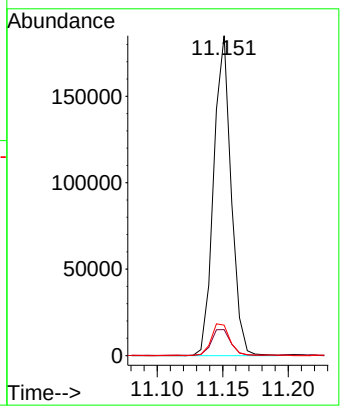


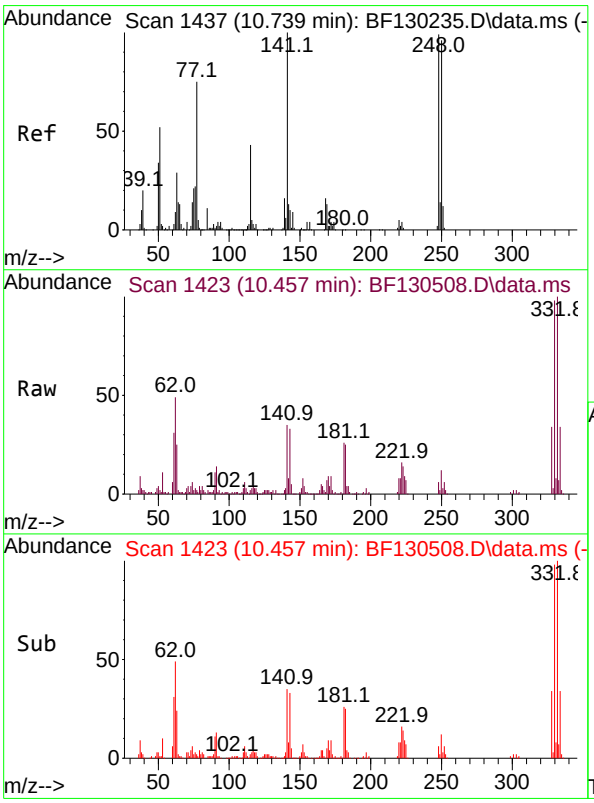
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:188 Resp: 171839

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.4	11.2
80	9.5	7.9	11.9

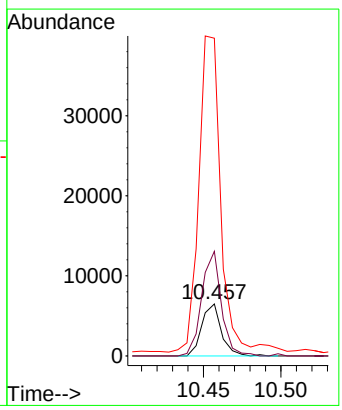


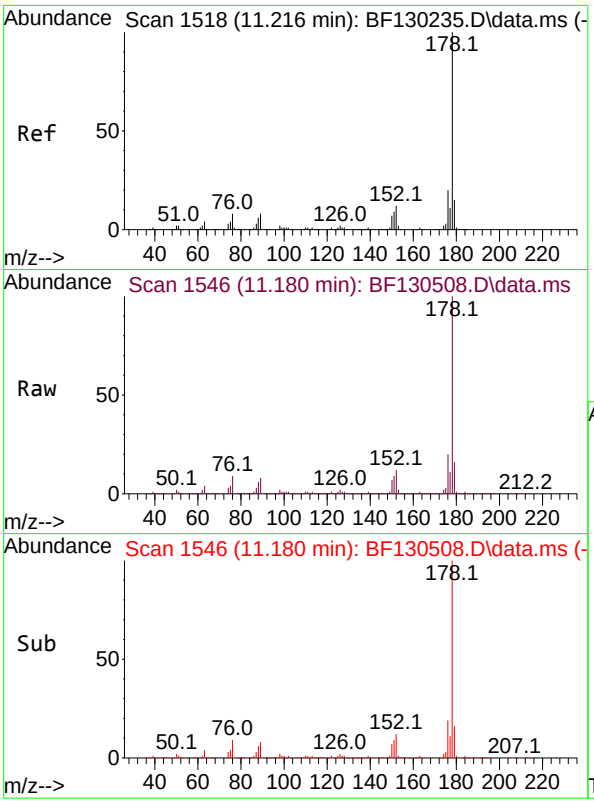


#67
4-Bromophenyl-phenylether
Concen: 3.024 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.253 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:248 Resp: 5732

Ion	Ratio	Lower	Upper
248	100		
250	201.5	80.0	120.0#
141	612.0	68.5	102.7#



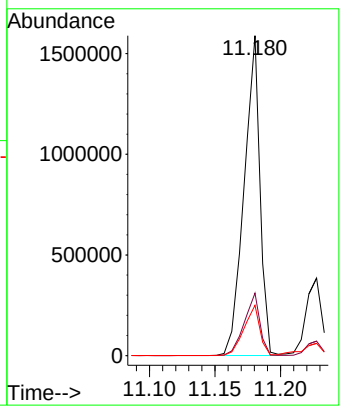


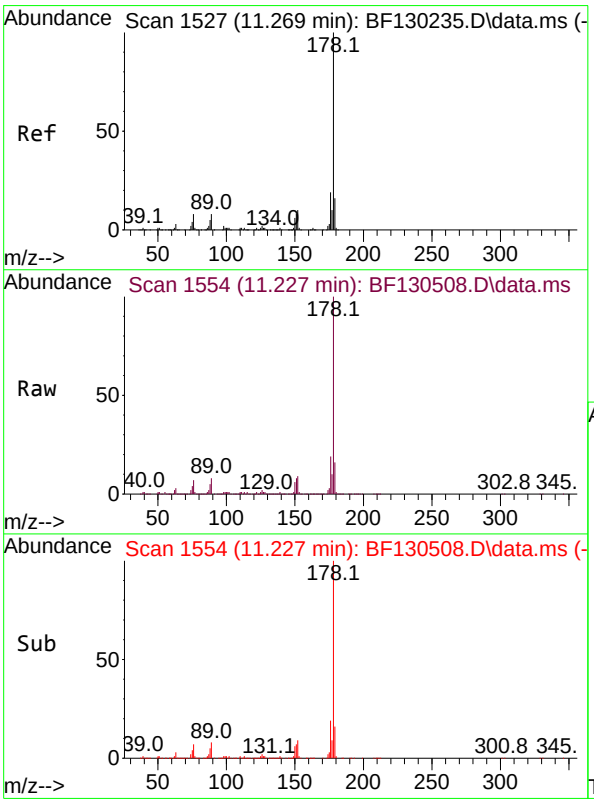
#71
Phenanthrene
Concen: 138.667 ng
RT: 11.180 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:178 Resp: 1337825

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.7	12.4	18.6

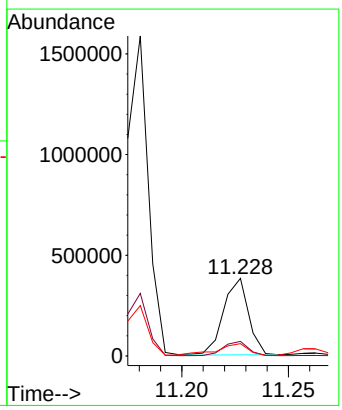


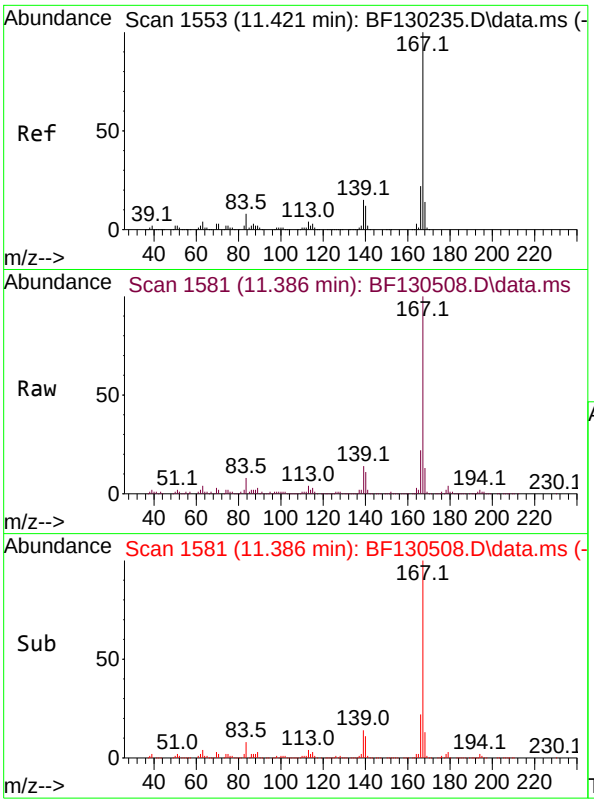


#72
Anthracene
Concen: 33.546 ng
RT: 11.227 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:178 Resp: 312327

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.9	12.7	19.1



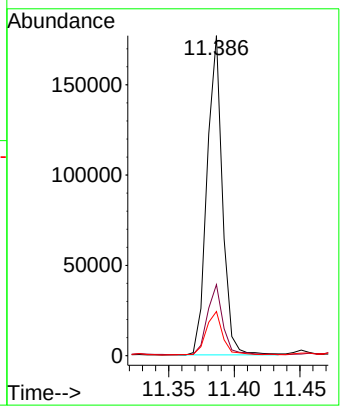


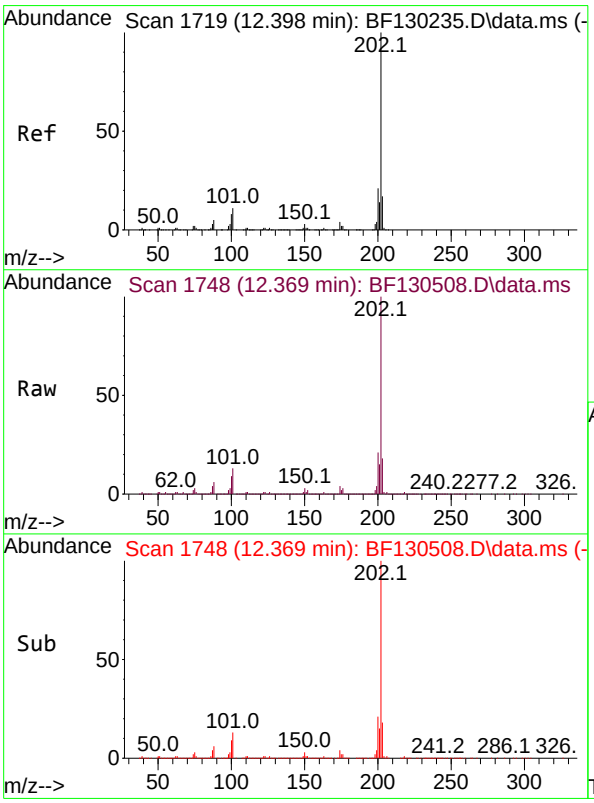
#73
Carbazole
Concen: 17.153 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:167 Resp: 144129

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.8	11.6	17.4

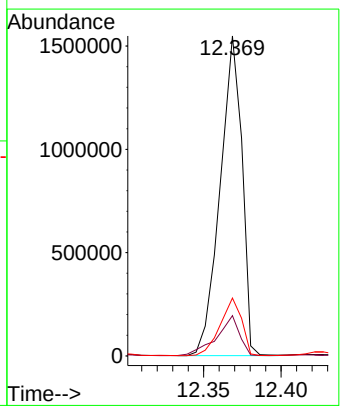


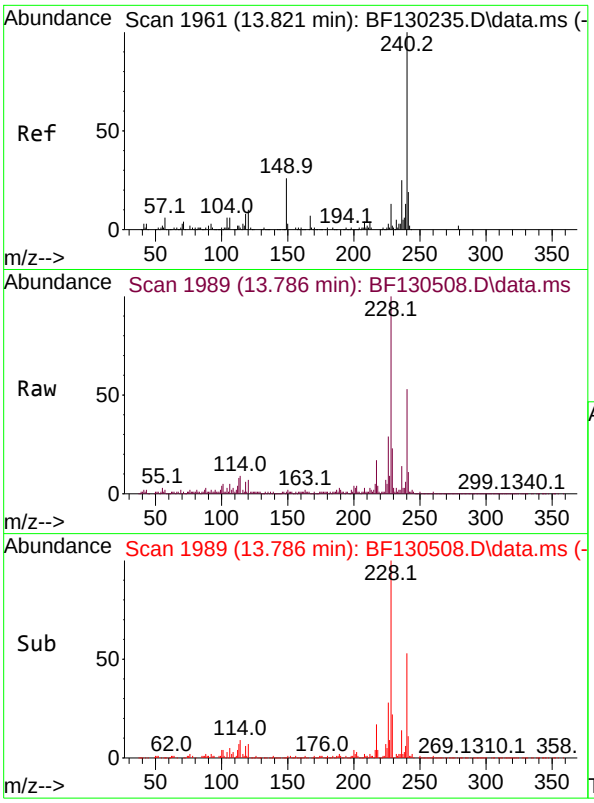


#75
Fluoranthene
Concen: 163.514 ng
RT: 12.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:202 Resp: 1524376

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.8
203	18.1	0.0	37.8



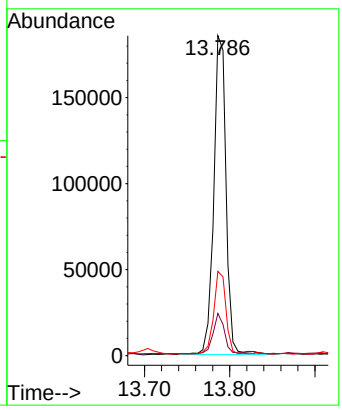


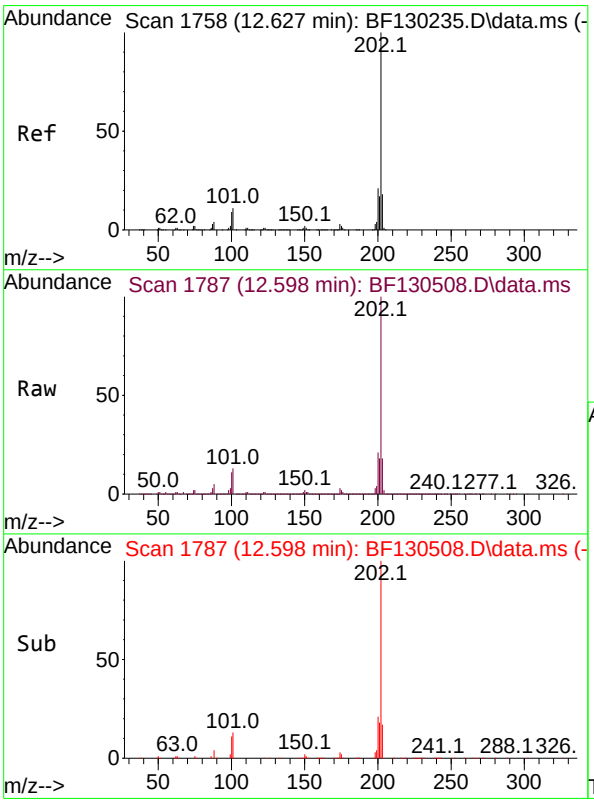
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 19
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:240 Resp: 186533

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.7	13.1#
236	26.3	20.9	31.3

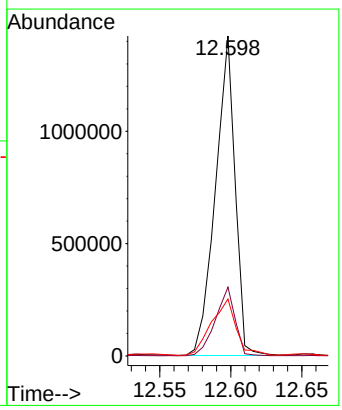


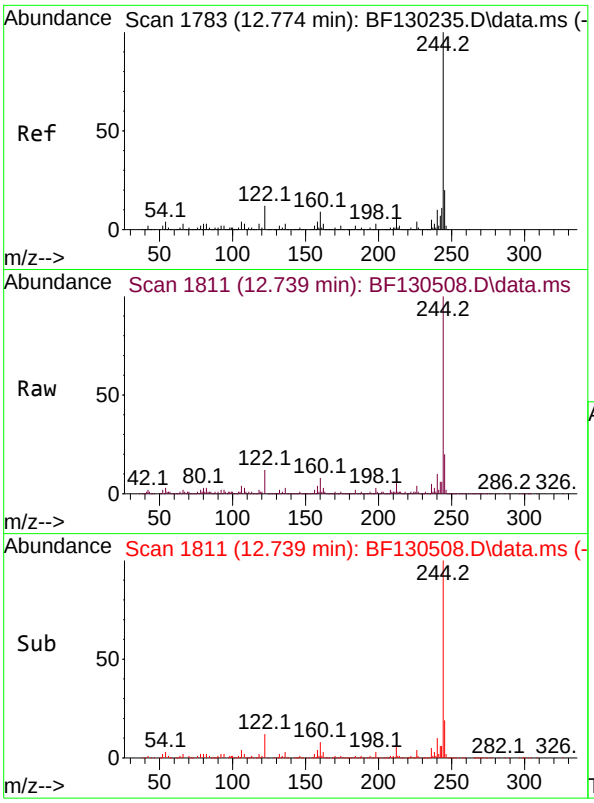


#78
Pyrene
Concen: 83.918 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:202 Resp: 1369370

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.8	14.3	21.5



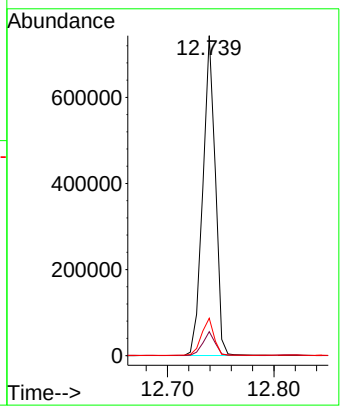


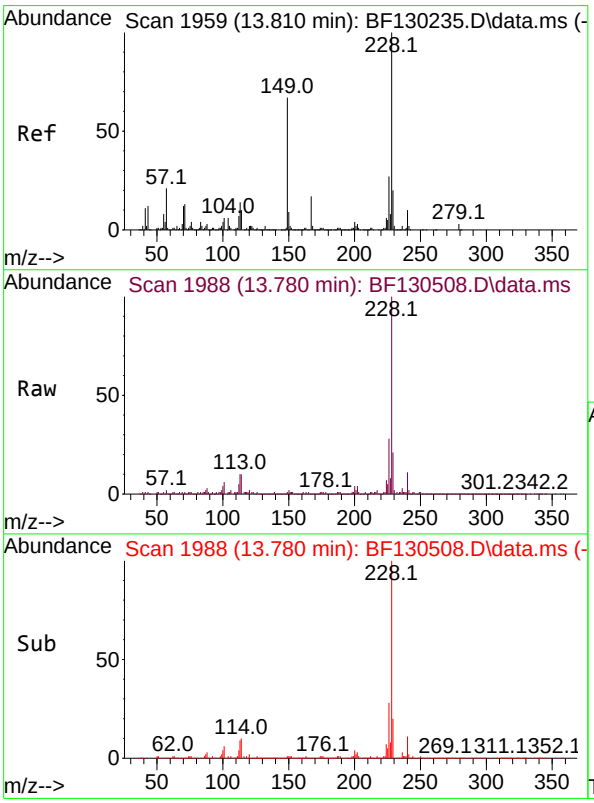
#79
Terphenyl-d14
Concen: 53.464 ng
RT: 12.739 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:244 Resp: 602047

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.7	8.5	12.7

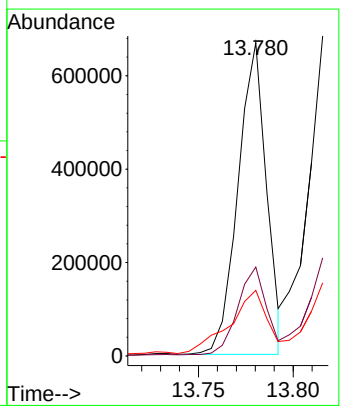


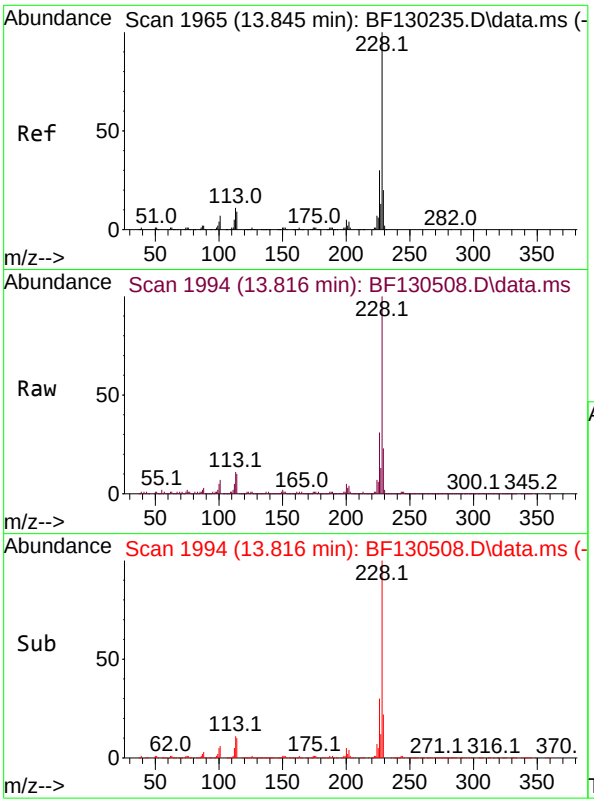


#81
Benzo(a)anthracene
Concen: 56.234 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:228 Resp: 697810

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	20.9	16.1	24.1



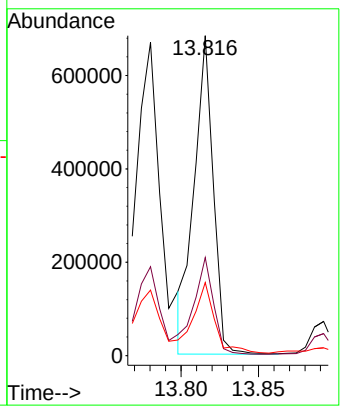


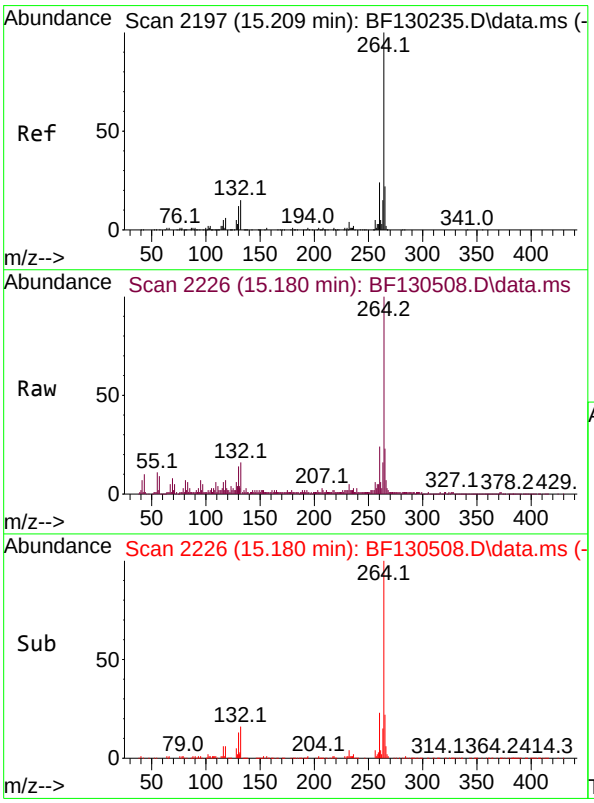
#83
Chrysene
Concen: 49.729 ng
RT: 13.816 min Scan# 19
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:228 Resp: 585929

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	22.8	15.3	22.9

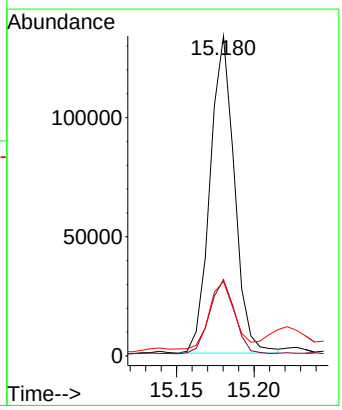


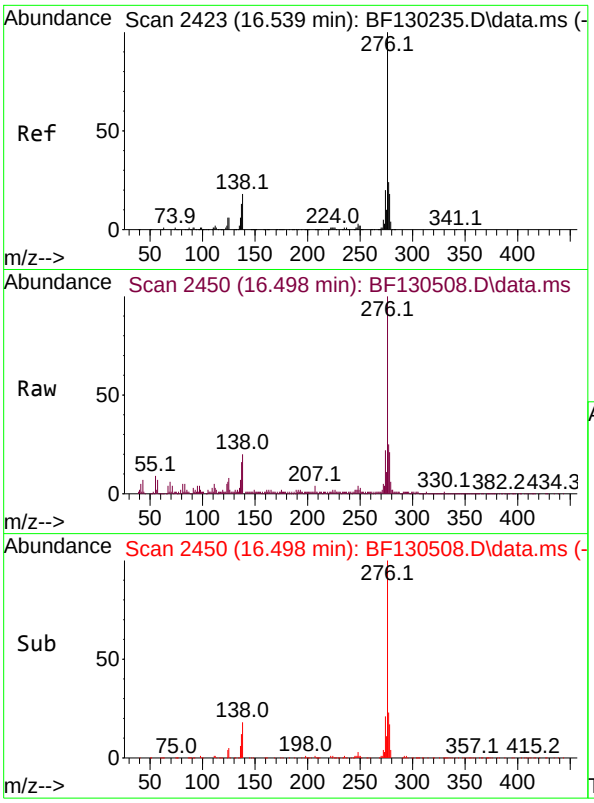


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:264 Resp: 145407

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	23.2	17.0	25.4



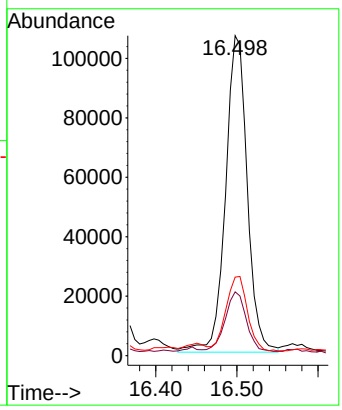


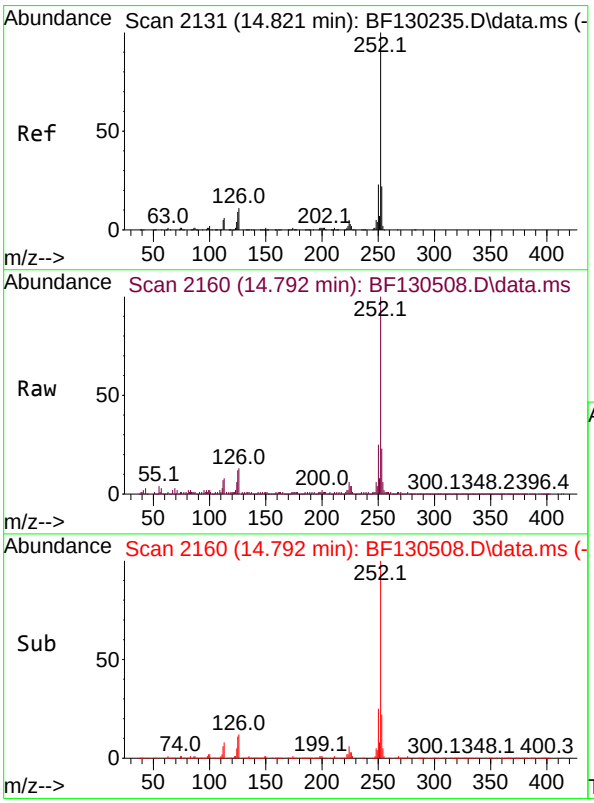
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.243 ng
RT: 16.498 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:276 Resp: 198424

Ion	Ratio	Lower	Upper
276	100		
138	18.3	18.5	27.7#
277	23.2	20.2	30.4

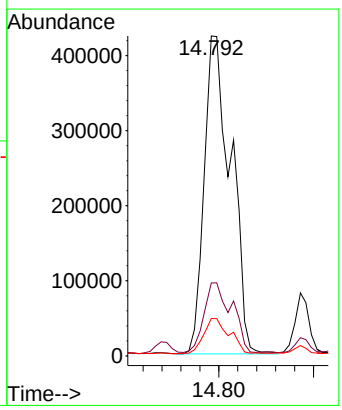


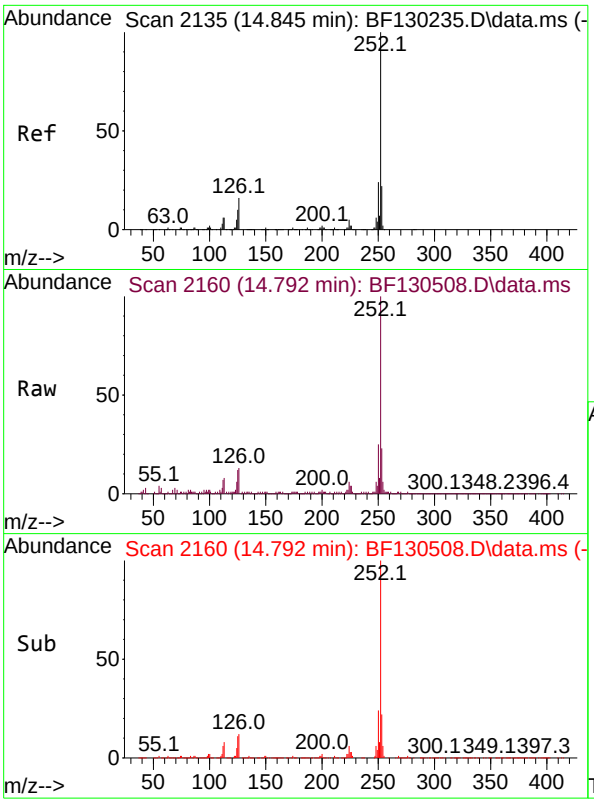


#88
Benzo(b)fluoranthene
Concen: 87.923 ng
RT: 14.792 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:252 Resp: 834447

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.7	8.1	12.1



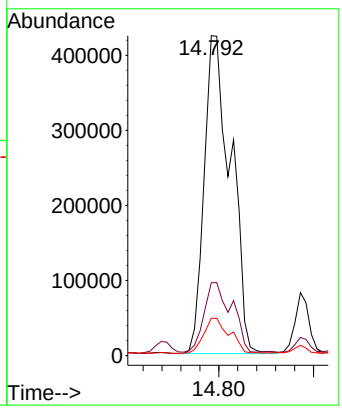


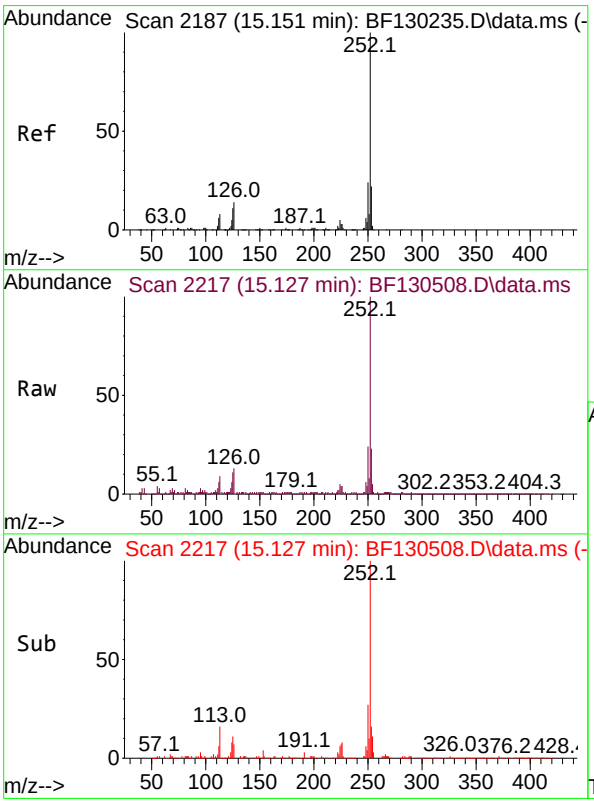
#89
Benzo(k)fluoranthene
Concen: 89.380 ng
RT: 14.792 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:252 Resp: 834447

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.7	7.9	11.9

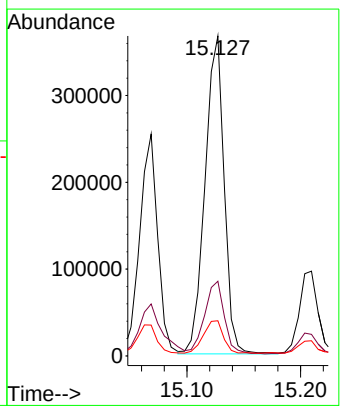


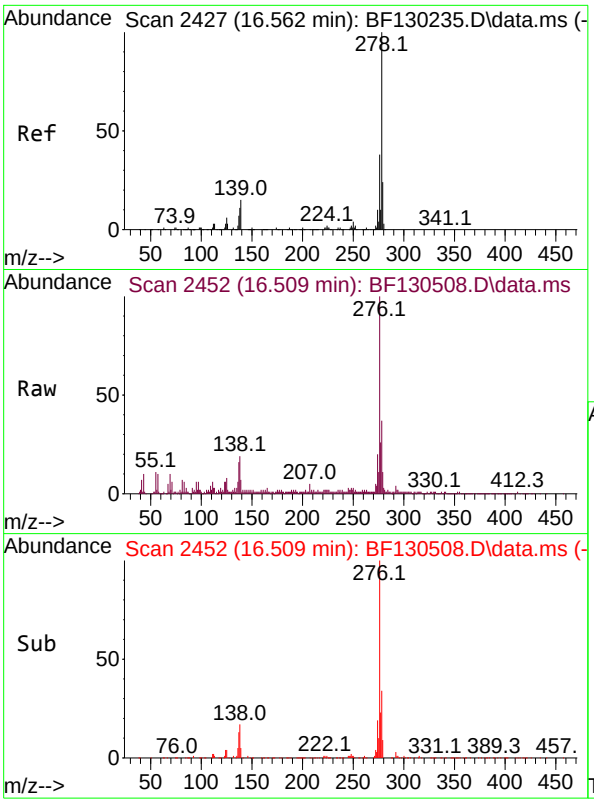


#90
Benzo(a)pyrene
Concen: 57.173 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:252 Resp: 429876

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.0	9.0	13.6



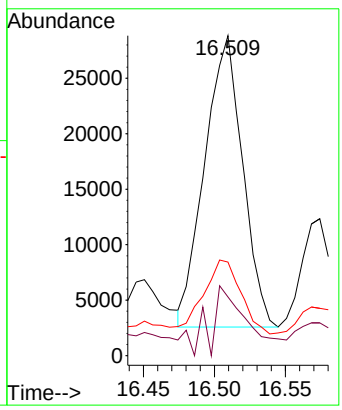


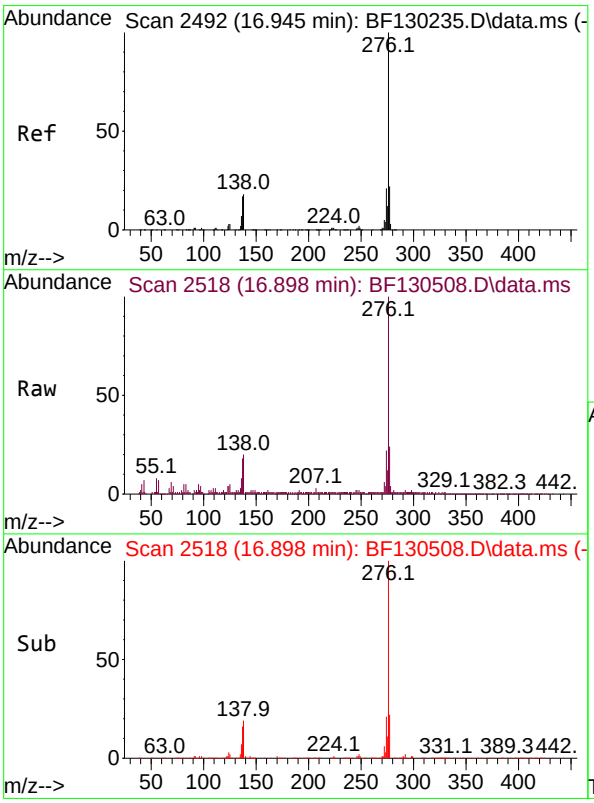
#91
Dibenzo(a,h)anthracene
Concen: 5.767 ng
RT: 16.509 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-092922

Tgt Ion:278 Resp: 48785

Ion	Ratio	Lower	Upper
278	100		
139	18.3	11.8	17.8#
279	29.2	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 21.147 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF130508.D
Acq: 03 Oct 2022 20:01

Tgt Ion:276 Resp: 180195

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	20.1	14.6	21.8