Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-5

Quant Time: Jul 05 13:38:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

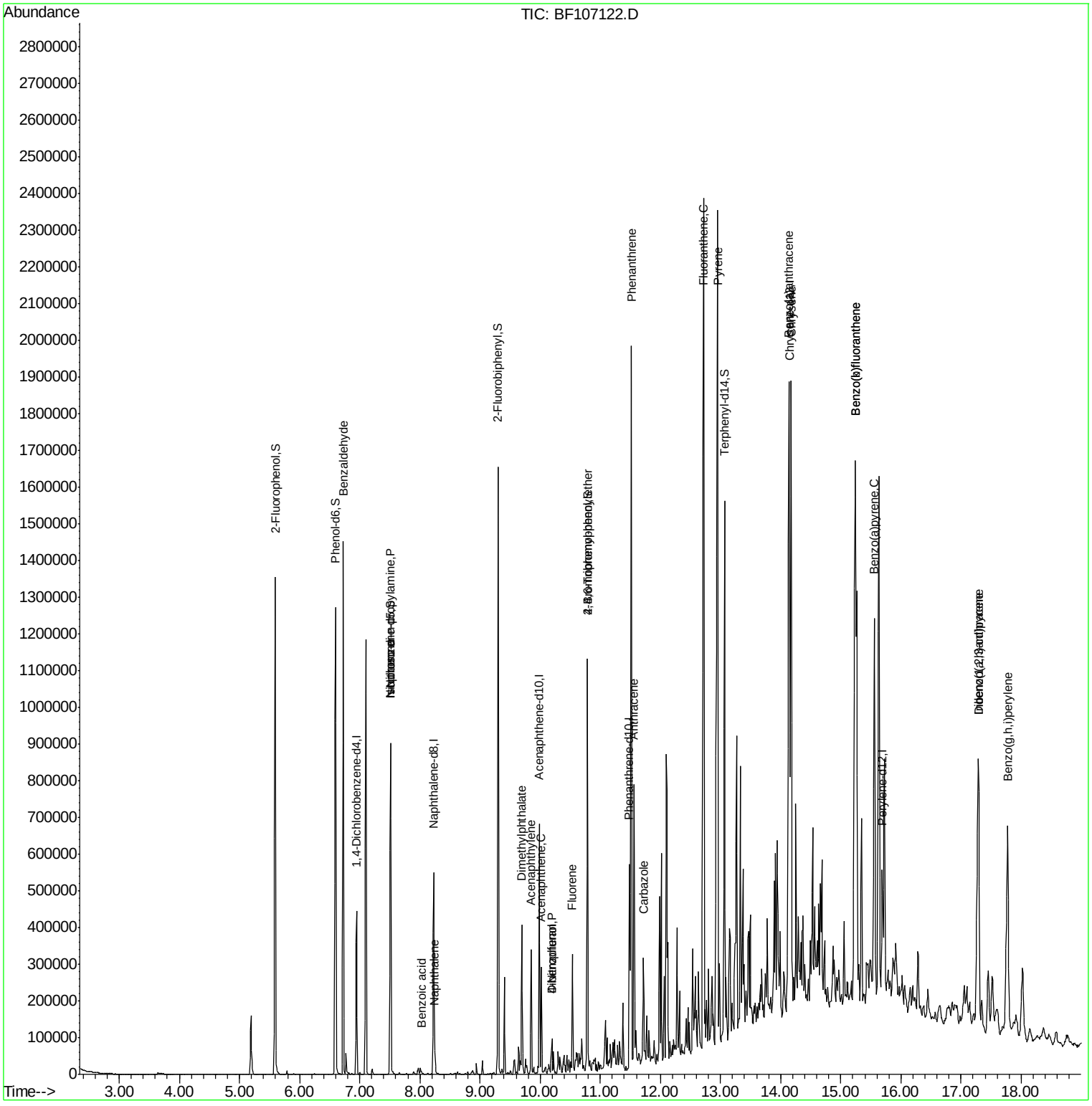
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65609	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	251920	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	130111	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	245174	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	145219	20.00	ng		-0.02
86) Perylene-d12	15.69	264	184479	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	418376	107.98	ng		0.00
7) Phenol-d6	6.60	99	532651	110.08	ng		-0.02
23) Nitrobenzene-d5	7.51	82	336957	74.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	172610	114.46	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	588838	74.84	ng		-0.02
78) Terphenyl-d14	13.07	244	582302	97.13	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	9008	2.216	ng		91
19) n-Nitroso-di-n-propylamine	7.51	70	43439	13.620	ng	#	72
20) 3+4-Methylphenols	7.39	107	539	Below Cal		#	66
25) Isophorone	7.51	82	337002	42.189	ng	#	64
31) Naphthalene	8.25	128	26868	2.281	ng		98
32) Benzoic acid	8.04	122	271	5.828	ng	#	1
48) Acenaphthylene	9.85	152	155410	12.060	ng		98
49) Dimethylphthalate	9.70	163	143839	14.740	ng		99
51) Acenaphthene	10.02	154	63605	7.838	ng		99
54) Dibenzofuran	10.20	168	33757	3.038	ng		92
55) 4-Nitrophenol	10.20	139	11537	6.951	ng	#	10
57) Fluorene	10.54	166	87793	9.957	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	10399	3.554	ng	#	1
70) Phenanthrene	11.52	178	918020	77.632	ng		99
71) Anthracene	11.57	178	319989	26.511	ng		99
72) Carbazole	11.72	167	95855	8.482	ng		98
74) Fluoranthene	12.72	202	1538293	118.023	ng		95
77) Pyrene	12.95	202	1375711	143.660	ng		96
80) Benzo(a)anthracene	14.14	228	873055	98.643	ng		94
82) Chrysene	14.18	228	749107	91.999	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	591269	85.567	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	1656551	144.554	ng	#	95
88) Benzo(k)fluoranthene	15.24	252	1656551	151.795	ng	#	95
89) Benzo(a)pyrene	15.56	252	621910	61.047	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	149295	17.292	ng	#	76
91) Benzo(g,h,i)perylene	17.78	276	553847	65.631	ng	#	88

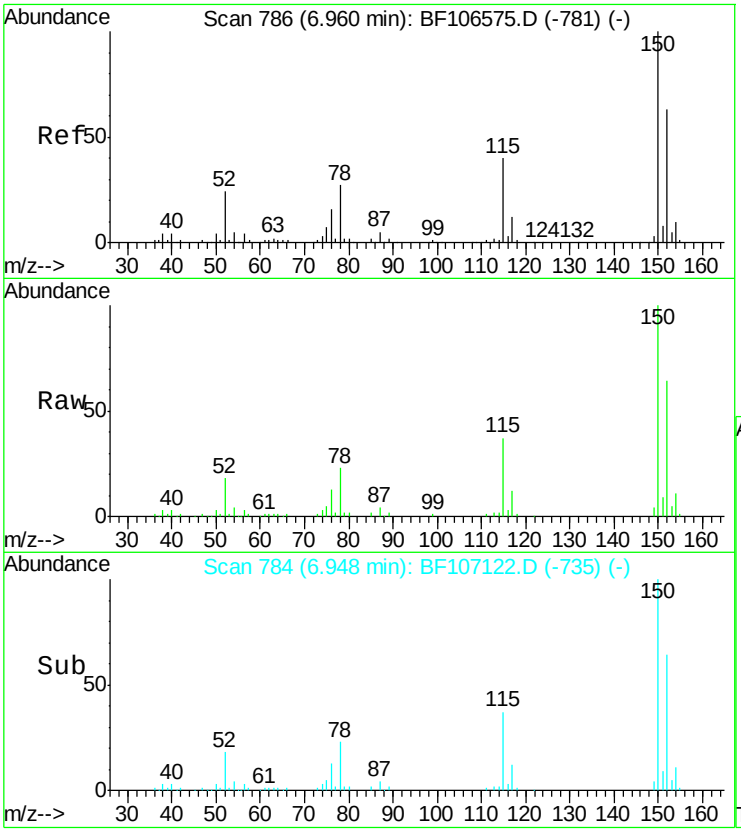
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

Quant Time: Jul 05 13:38:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration



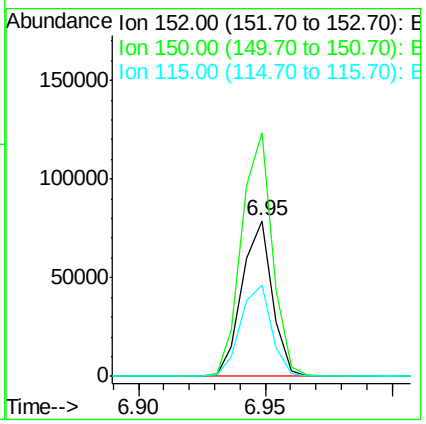


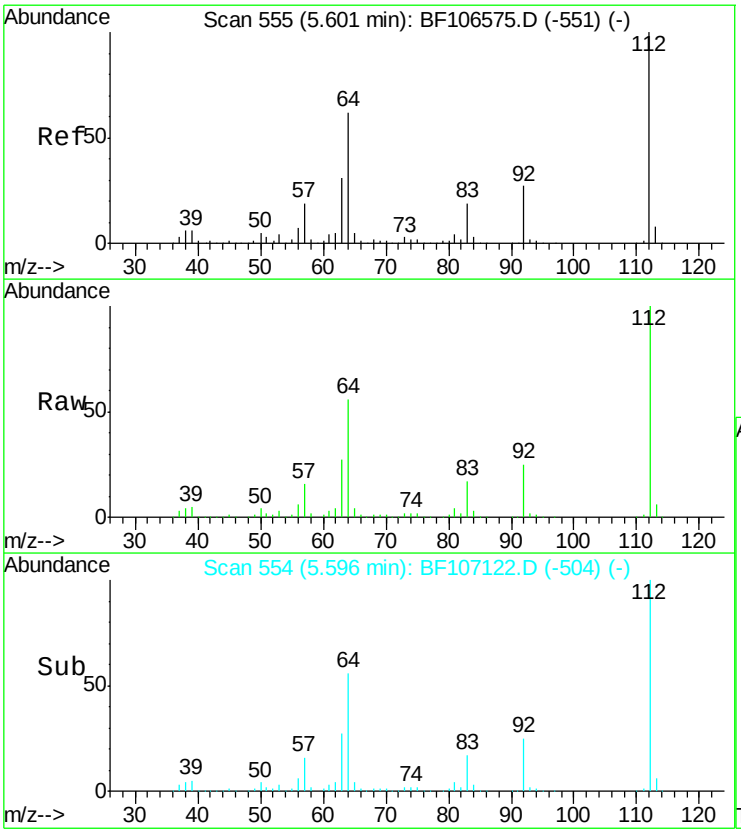
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:152 Resp: 65609

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.2	50.1	75.1

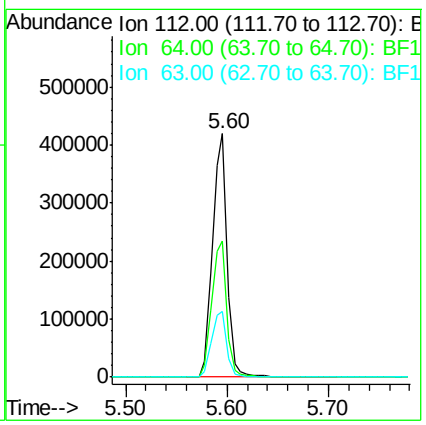


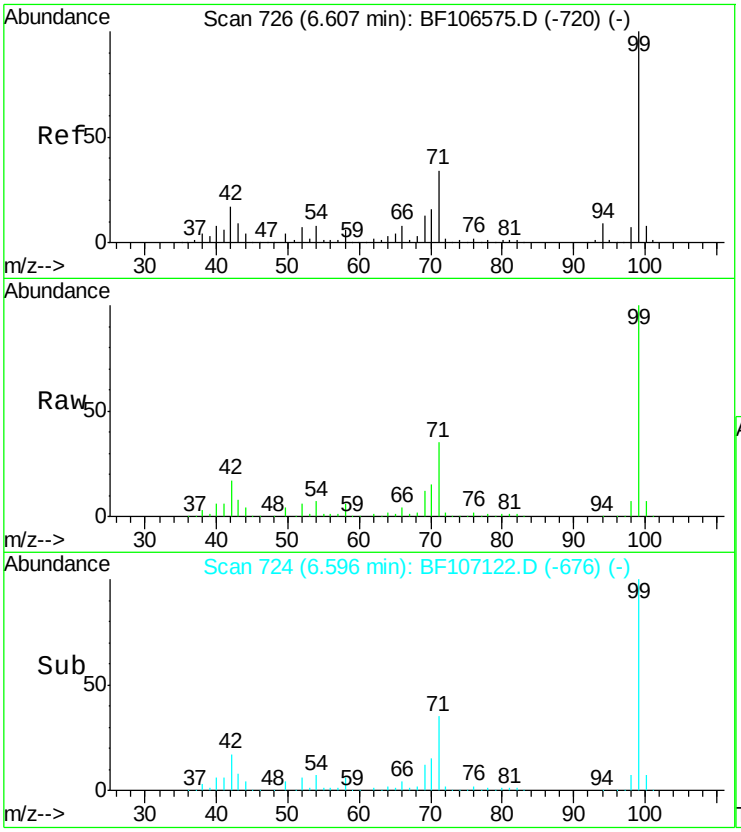


#5
2-Fluorophenol
Concen: 107.980 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:112 Resp: 418376

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.2	23.7	35.5



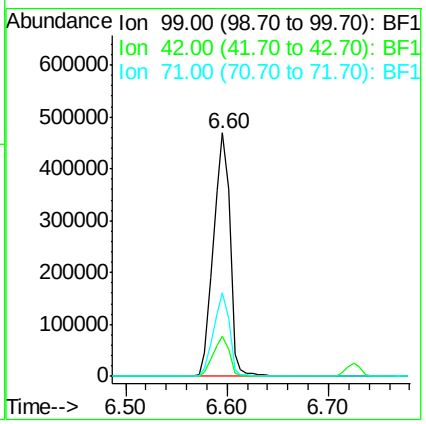


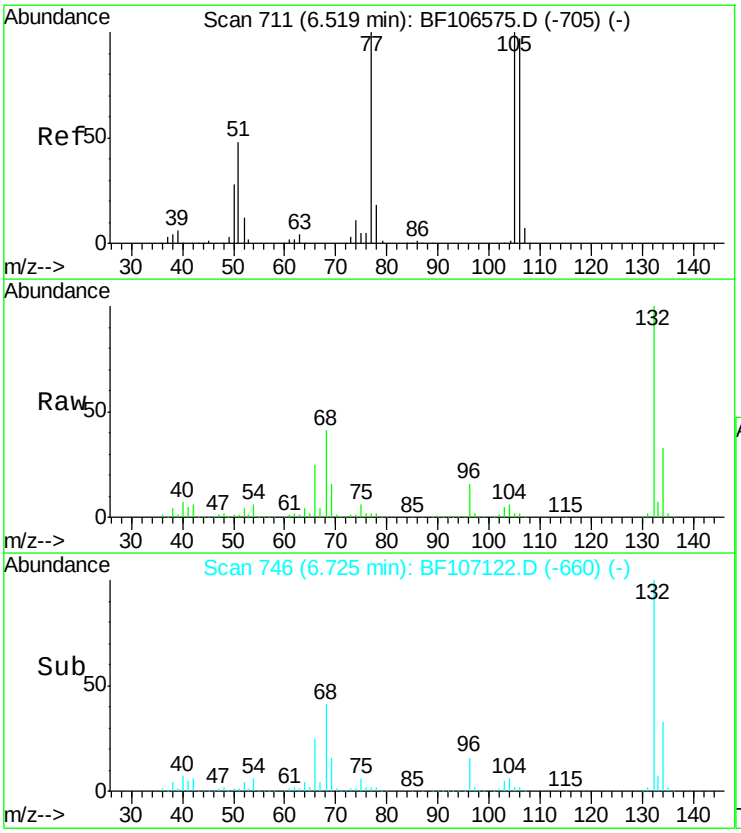
#7
Phenol-d6
Concen: 110.084 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 99 Resp: 532651

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	34.6	25.4	38.0

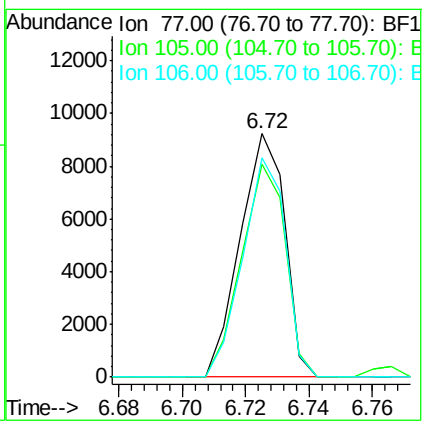


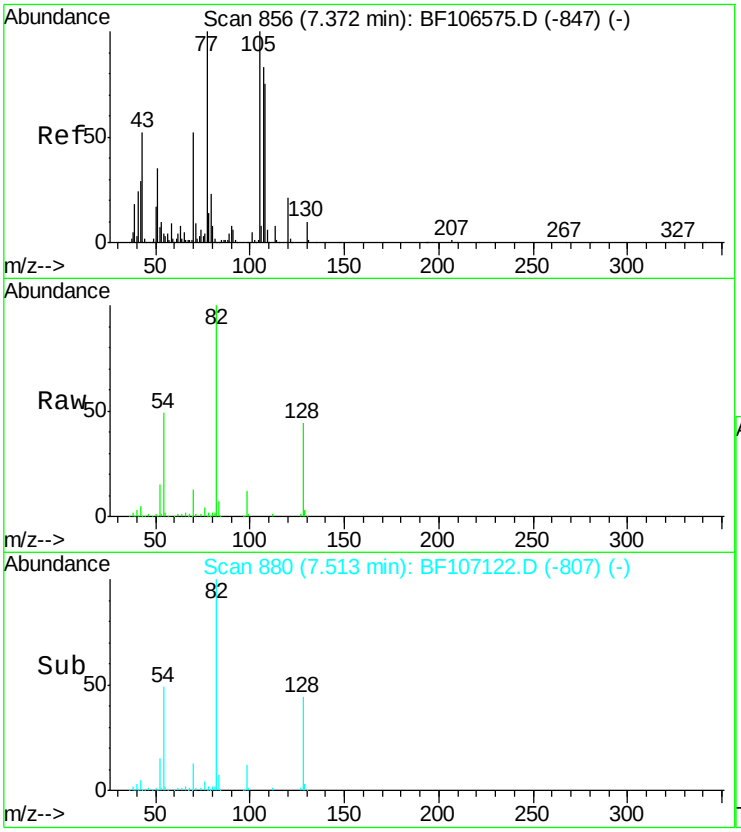


#9
Benzaldehyde
Concen: 2.216 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.21 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion: 77 Resp: 9008

Ion	Ratio	Lower	Upper
77	100		
105	87.4	81.1	121.1
106	90.0	74.5	114.5



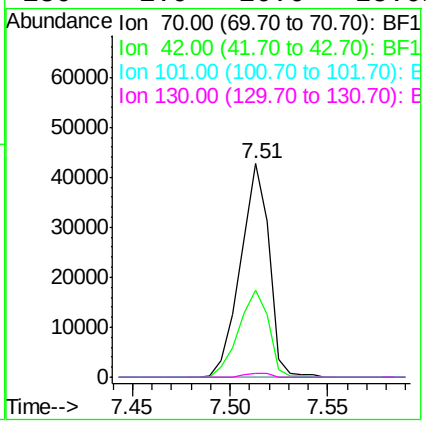


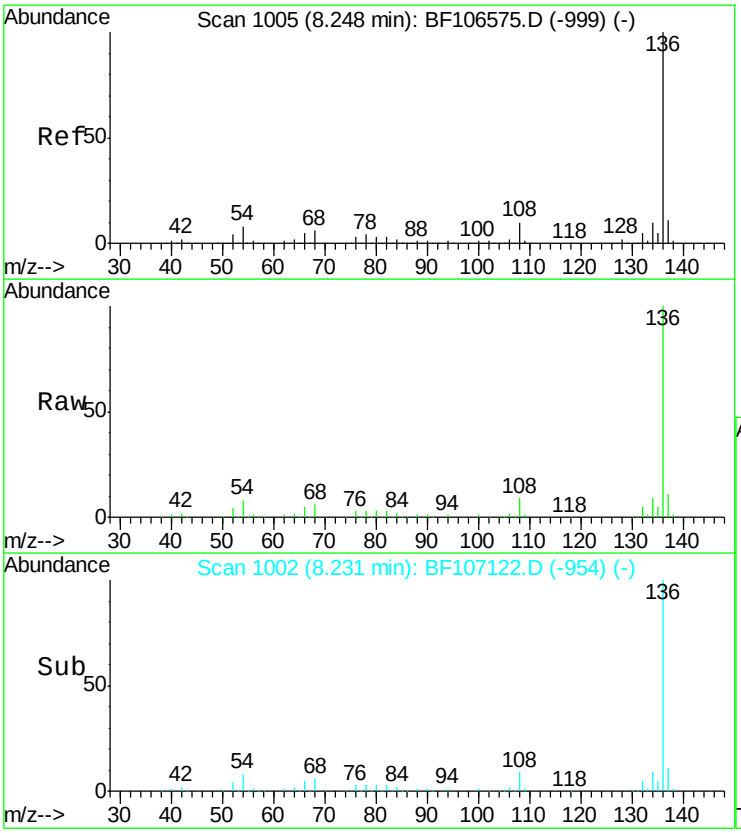
#19
n-Nitroso-di-n-propylamine
Concen: 13.620 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 70 Resp: 43439

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

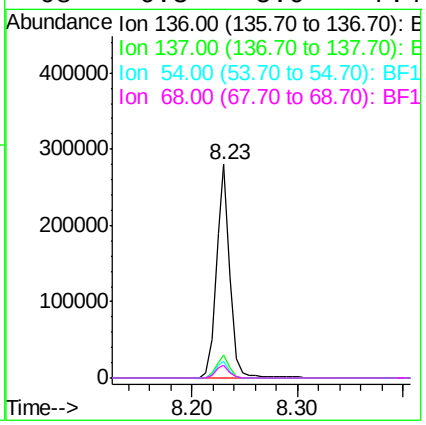


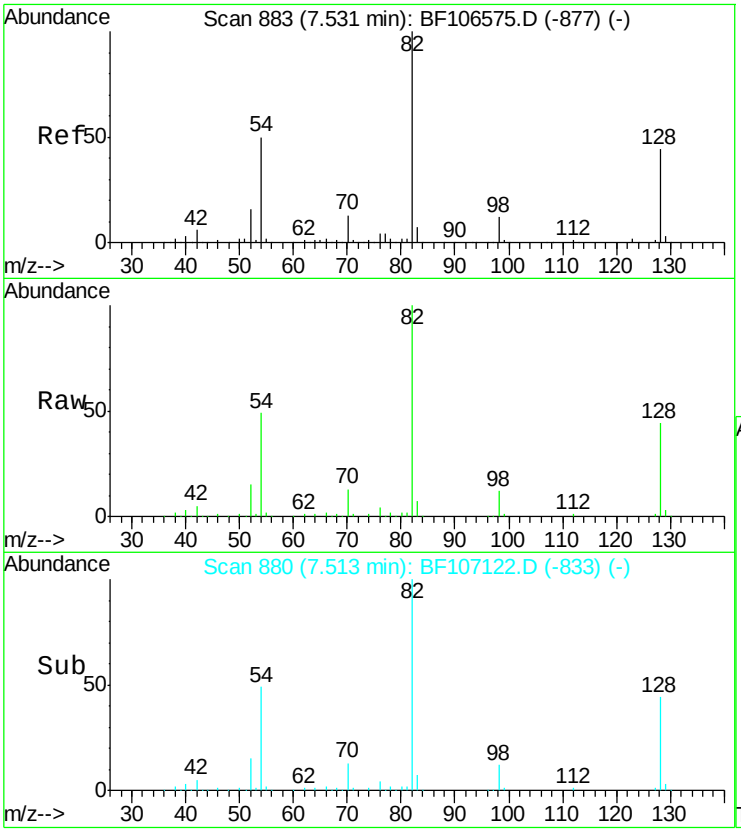


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:136 Resp: 251920

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	6.6	9.8
68	6.3	5.0	7.4



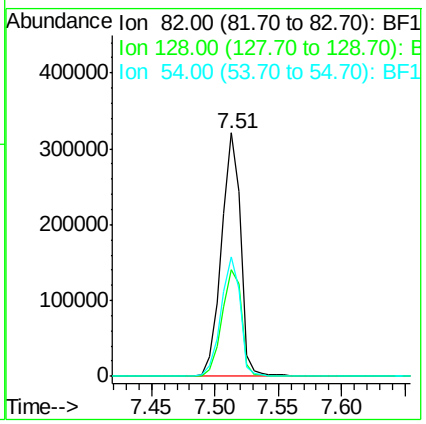


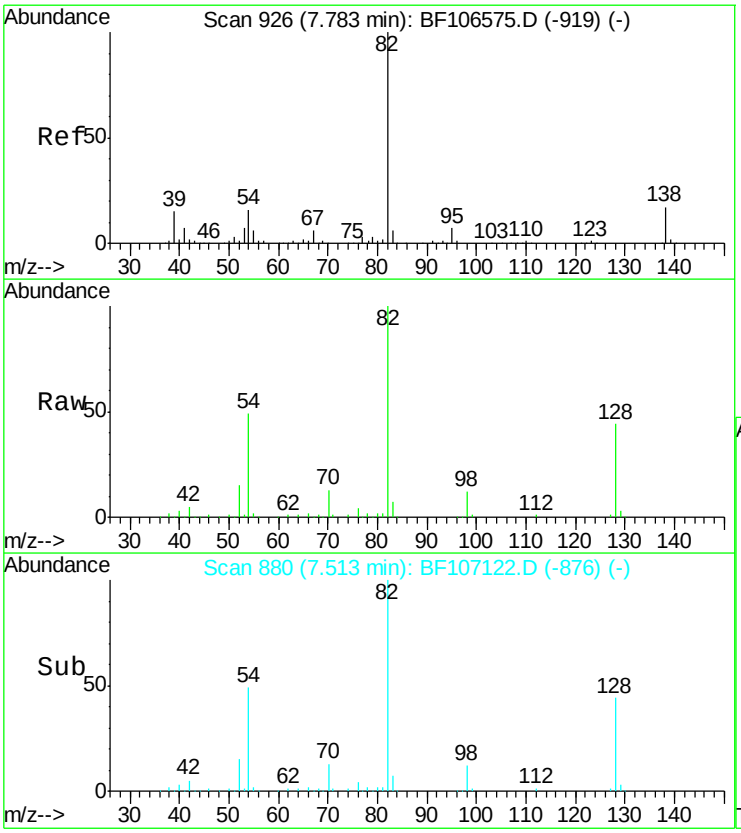
#23
Nitrobenzene-d5
Concen: 74.333 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 82 Resp: 336957

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	49.0	41.4	62.2

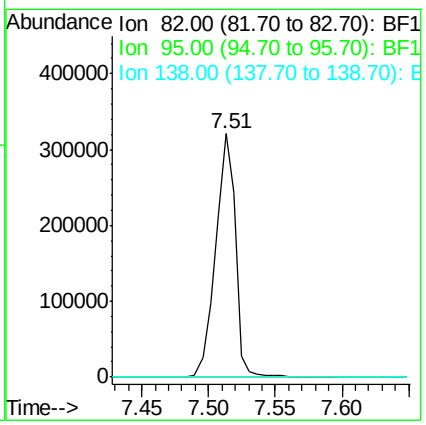


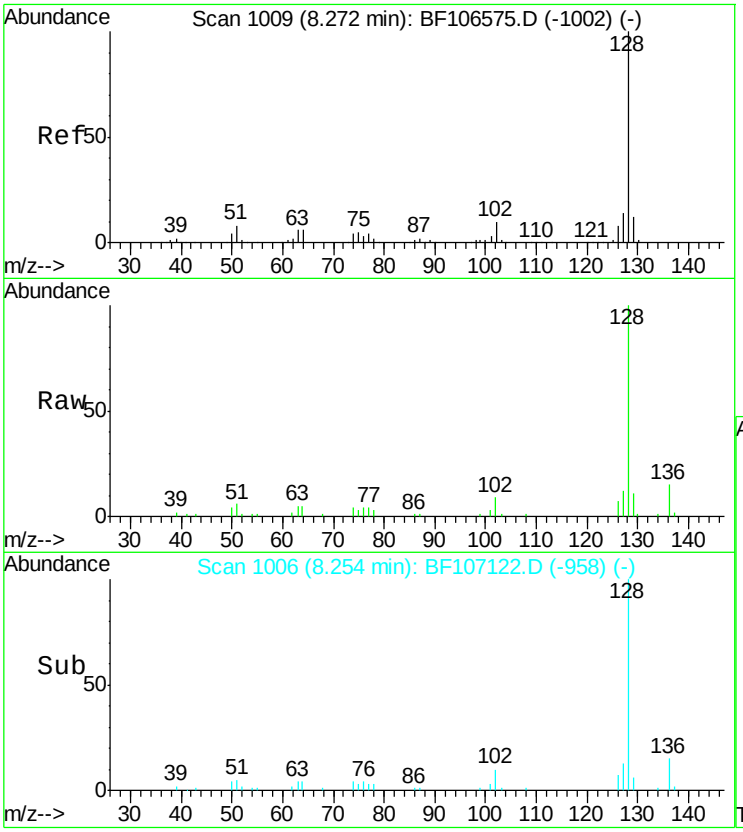


#25
Isophorone
Concen: 42.189 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion: 82 Resp: 337002

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



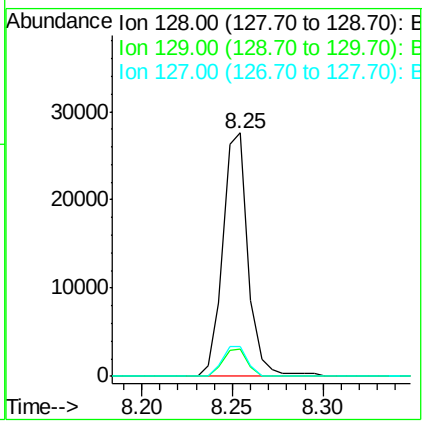


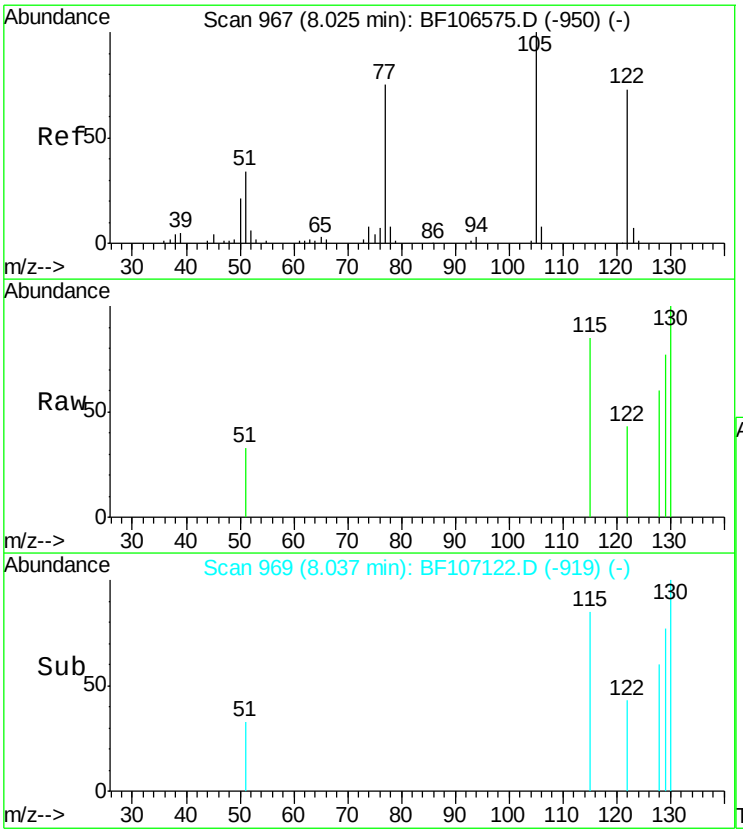
#31
Naphthalene
Concen: 2.281 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:128 Resp: 26868

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.3	10.9	16.3

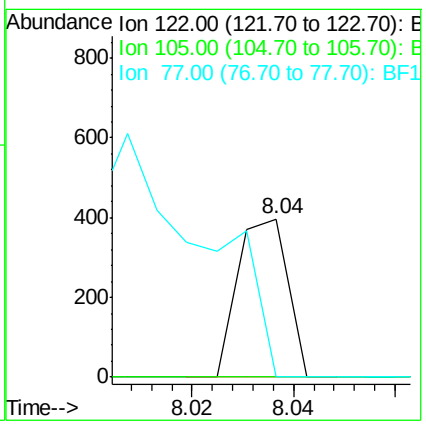


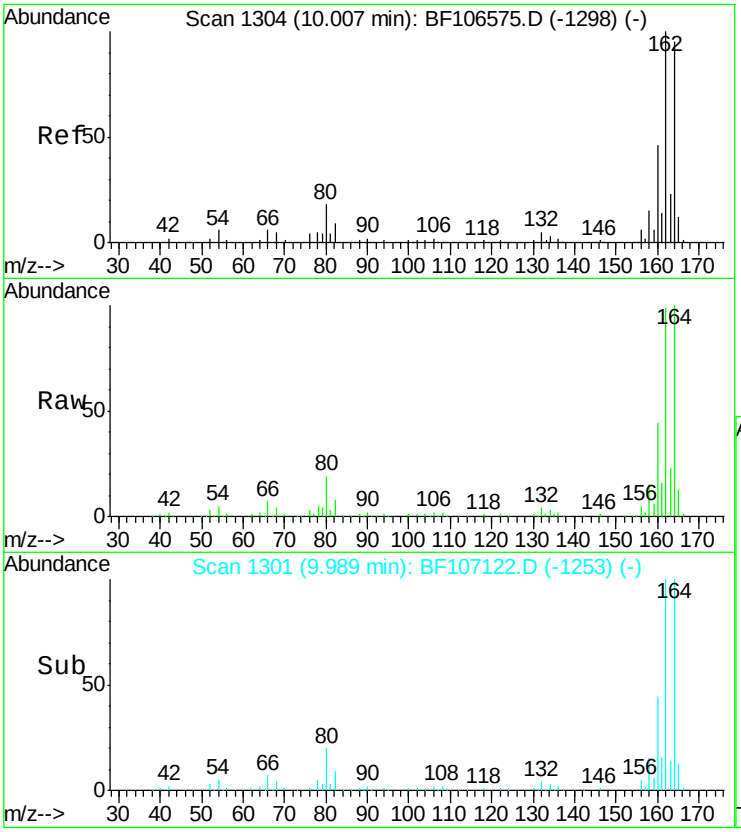


#32
Benzoic acid
Concen: 5.828 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:122 Resp: 271

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



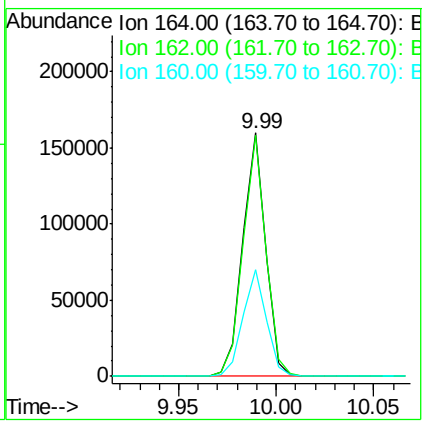


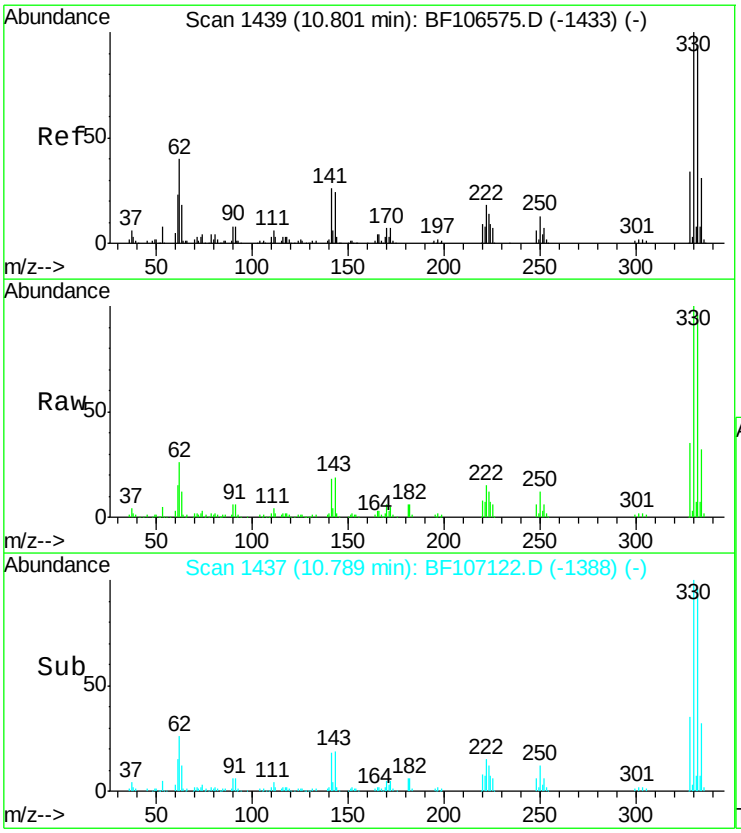
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:164 Resp: 130111

Ion	Ratio	Lower	Upper
164	100		
162	98.9	86.1	129.1
160	43.9	38.3	57.5

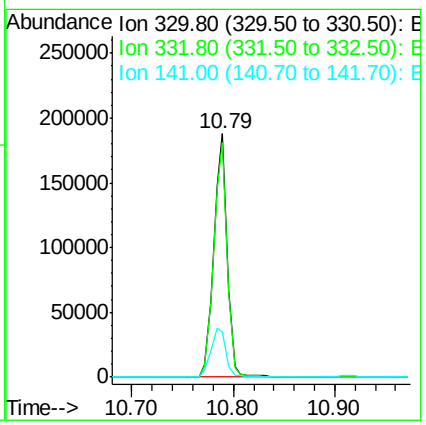


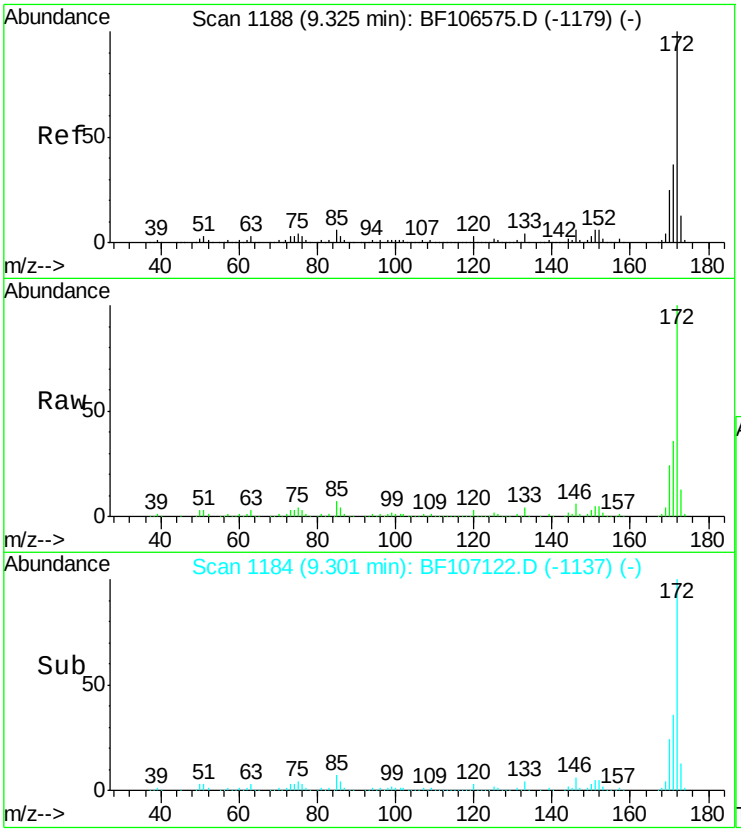


#41
2,4,6-Tribromophenol
Concen: 114.461 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:330 Resp: 172610

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.2	29.9	44.9#



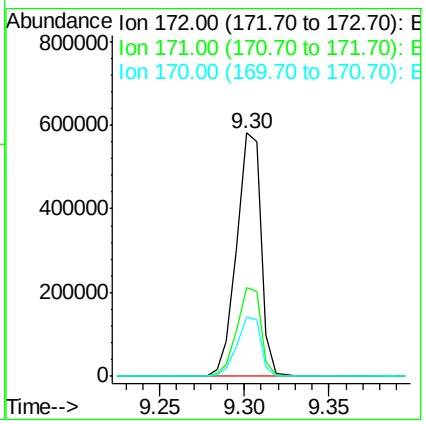


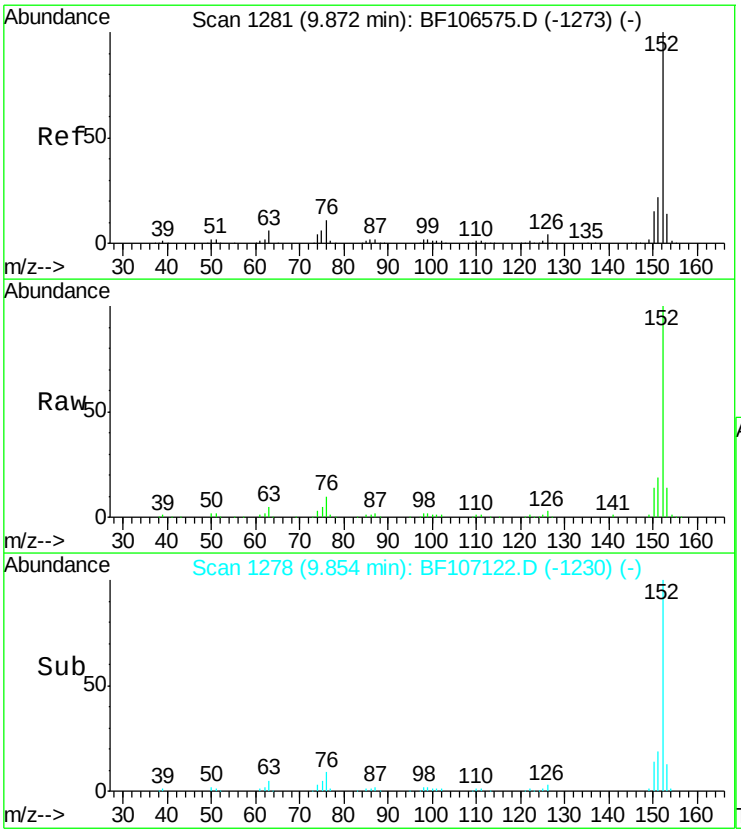
#44
2-Fluorobiphenyl
Concen: 74.839 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:172 Resp: 588838

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

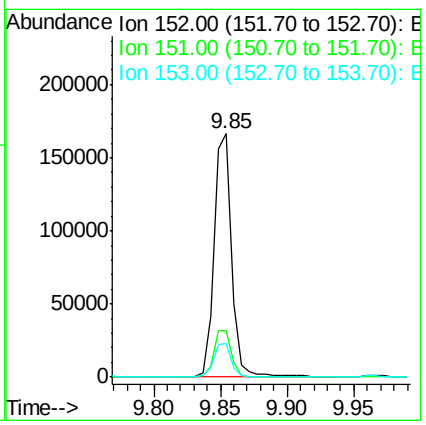


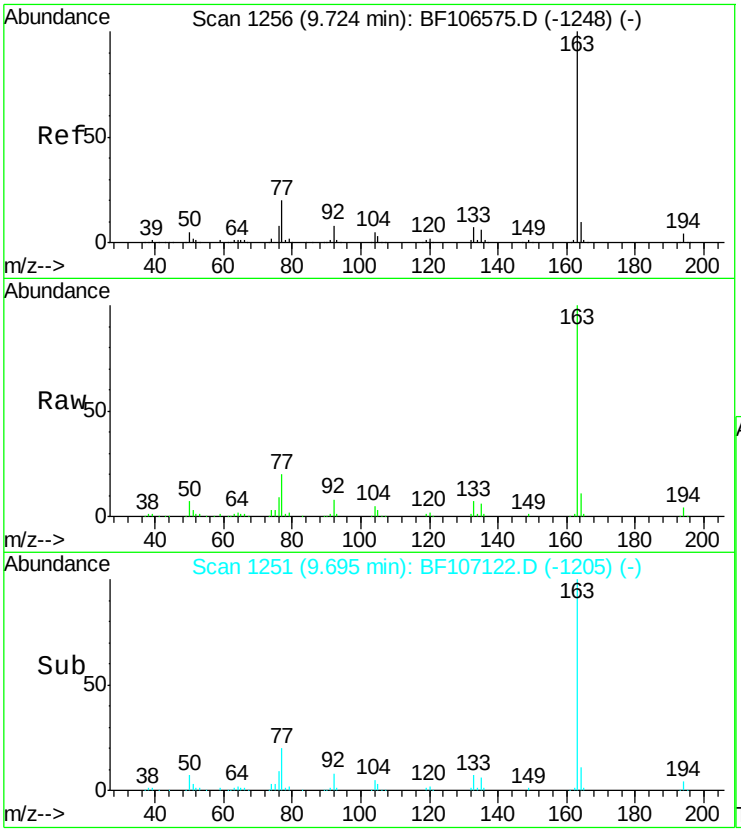


#48
Acenaphthylene
Concen: 12.060 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:152 Resp: 155410

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.6	10.7	16.1



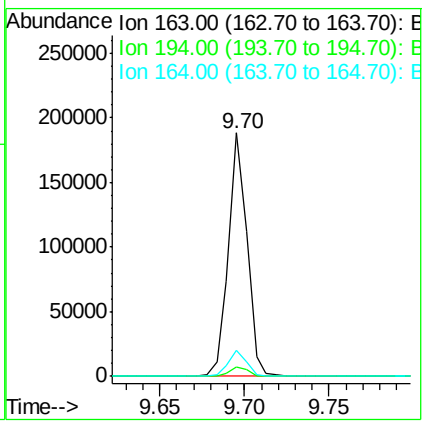


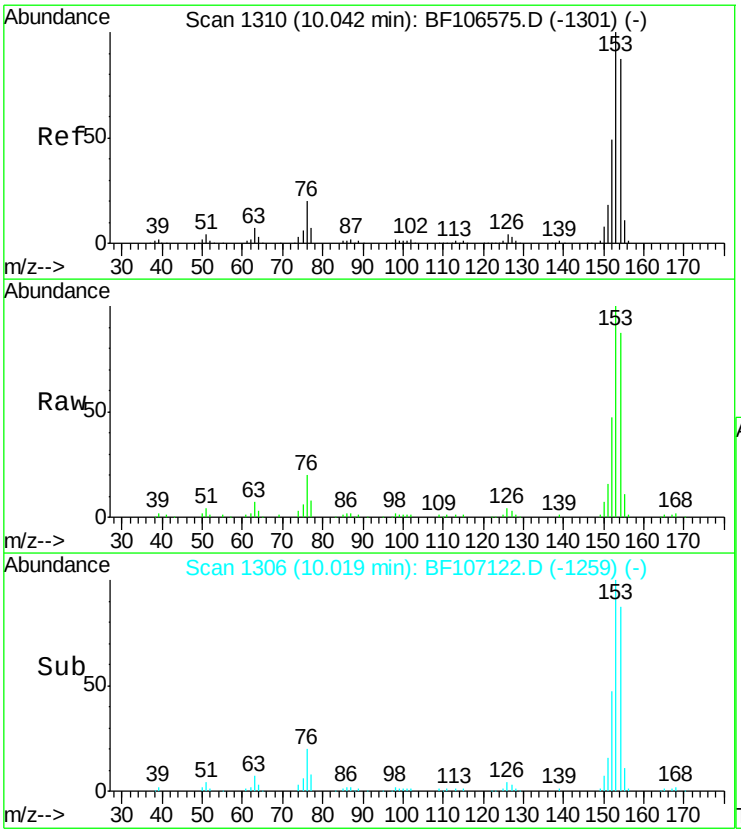
#49
Dimethylphthalate
Concen: 14.740 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:163 Resp: 143839

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2

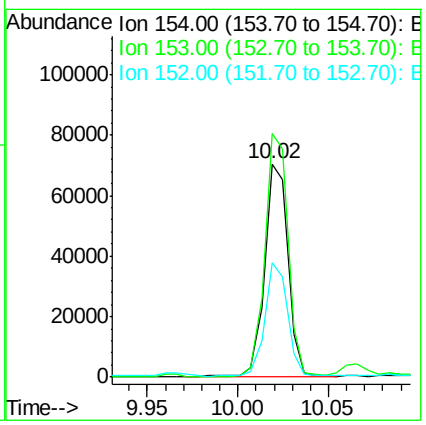


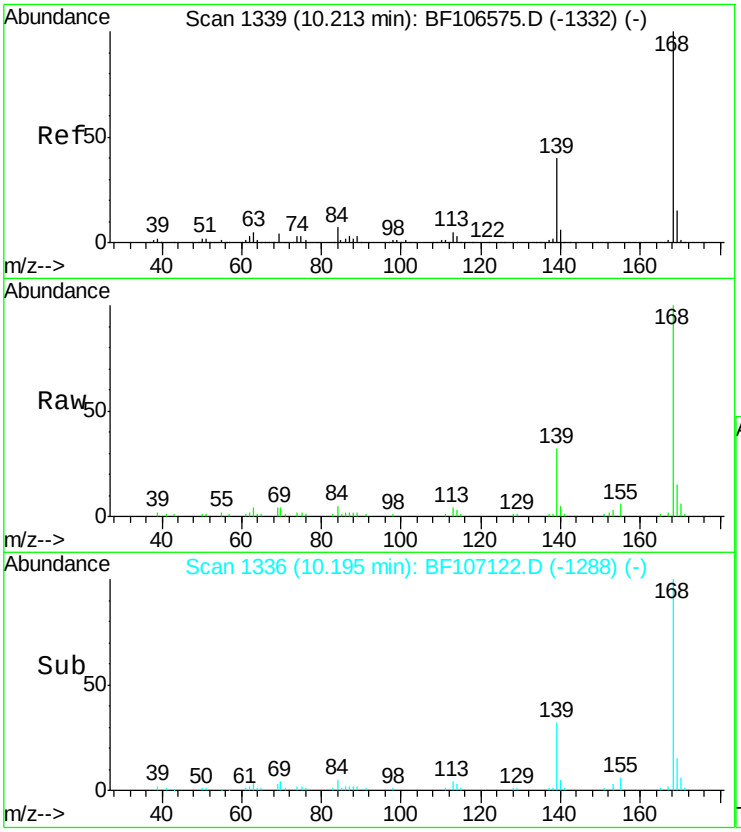


#51
Acenaphthene
Concen: 7.838 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:154 Resp: 63605

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	53.5	43.8	65.8



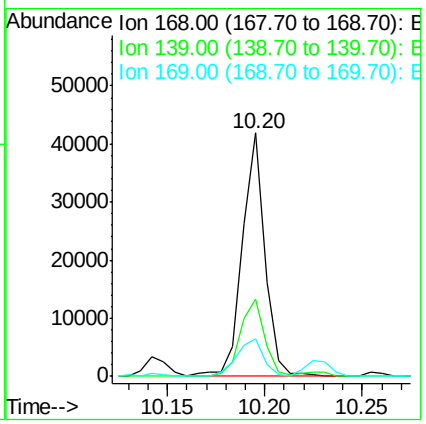


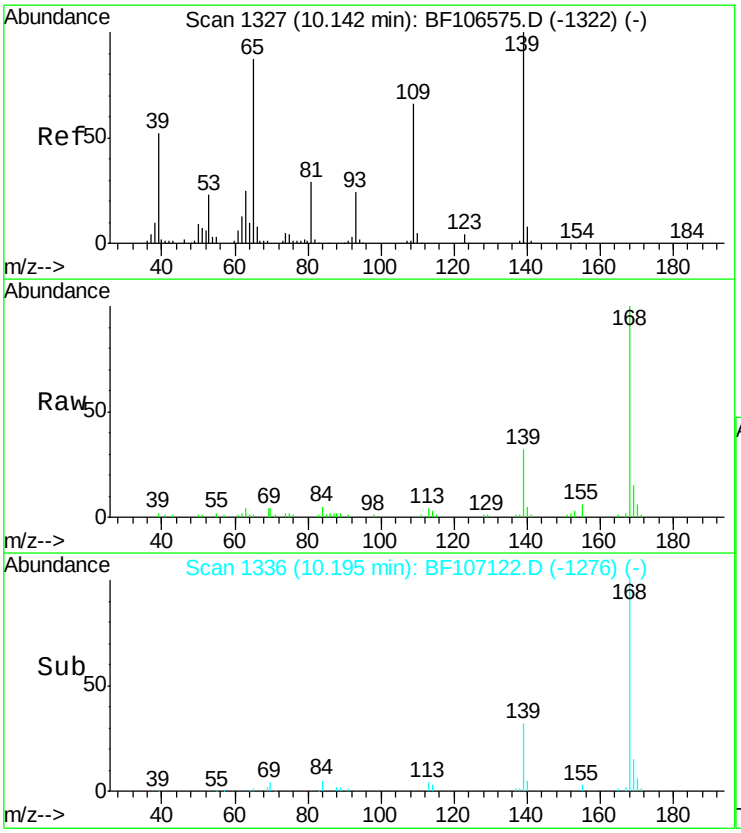
#54
Dibenzofuran
Concen: 3.038 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:168 Resp: 33757

Ion	Ratio	Lower	Upper
168	100		
139	31.8	30.1	45.1
169	15.2	10.9	16.3

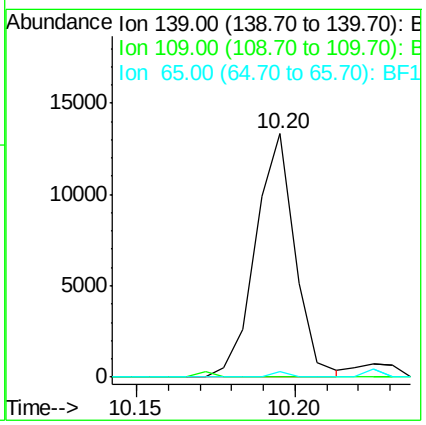


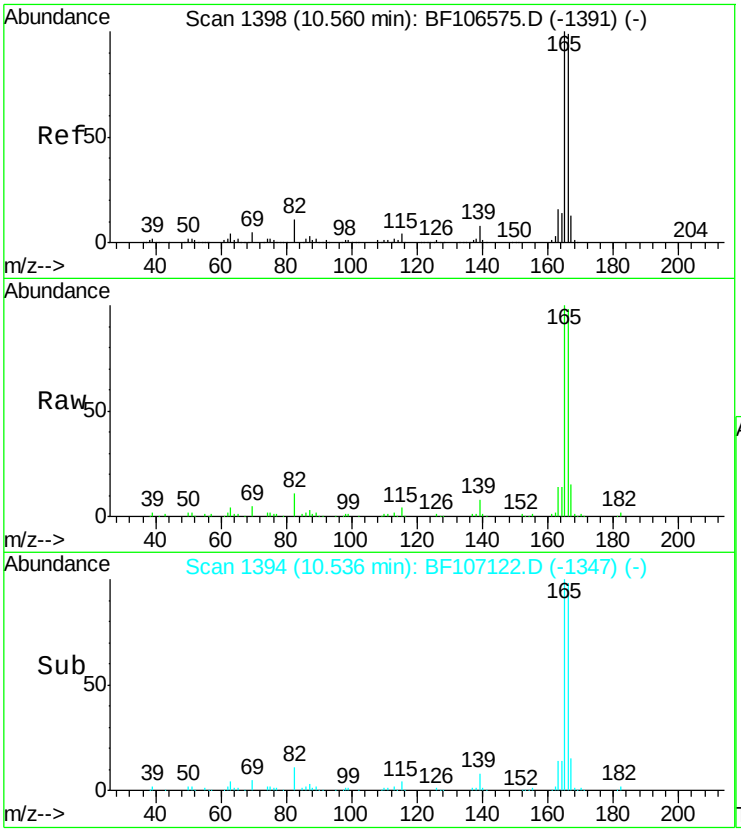


#55
4-Nitrophenol
Concen: 6.951 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:139 Resp: 11537

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.3	72.6	112.6#



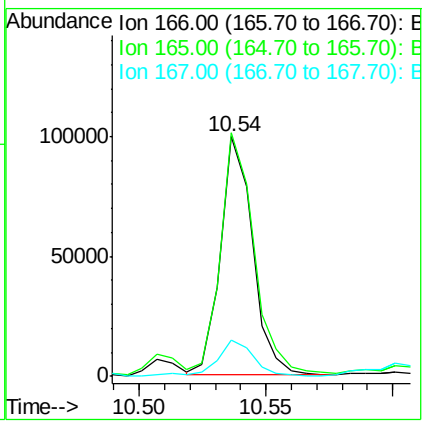


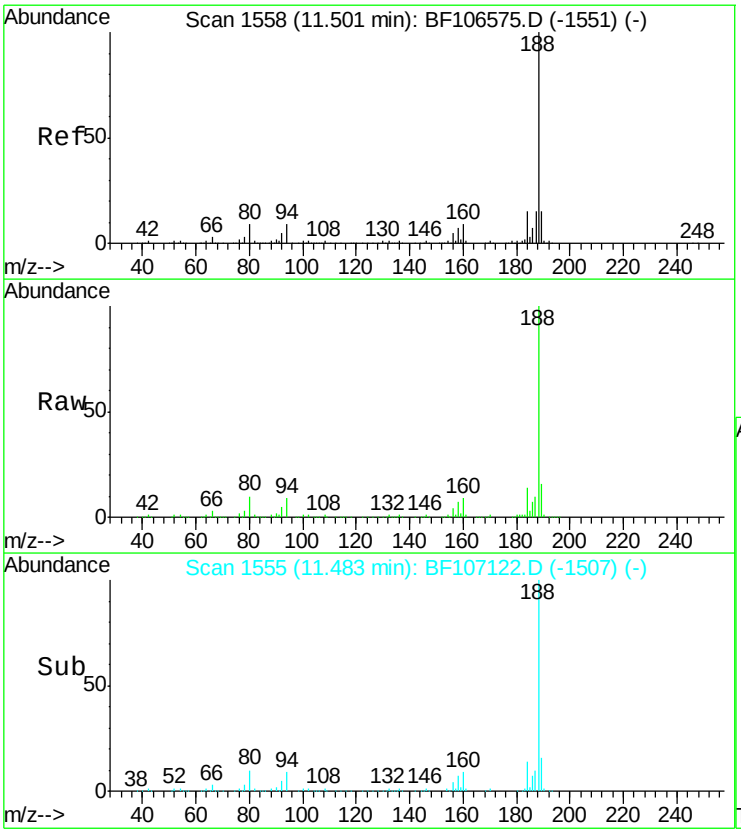
#57
Fluorene
Concen: 9.957 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:166 Resp: 87793

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.8	119.8
167	15.3	10.6	16.0

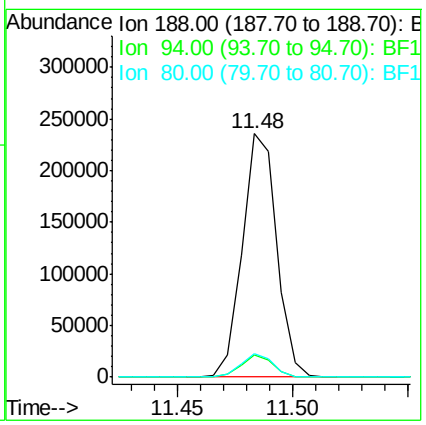


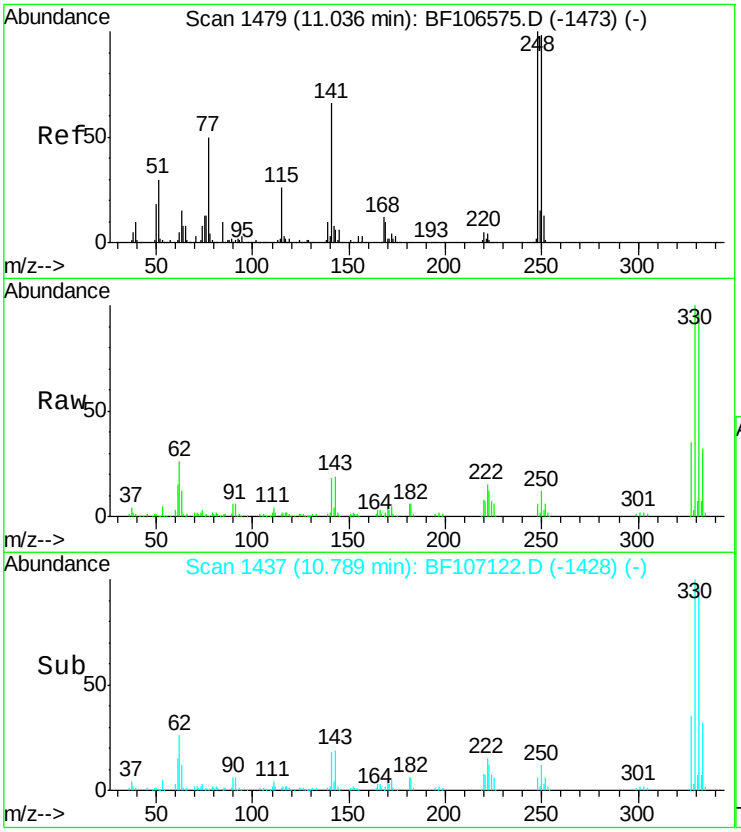


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:188 Resp: 245174

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.5	9.2	13.8



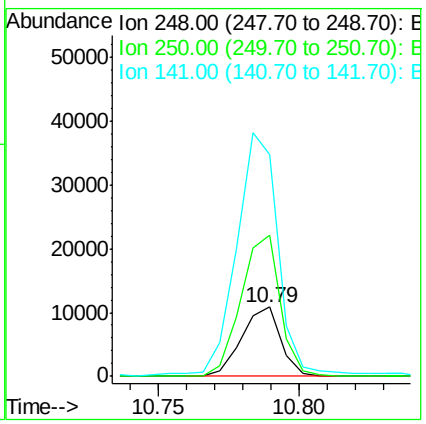


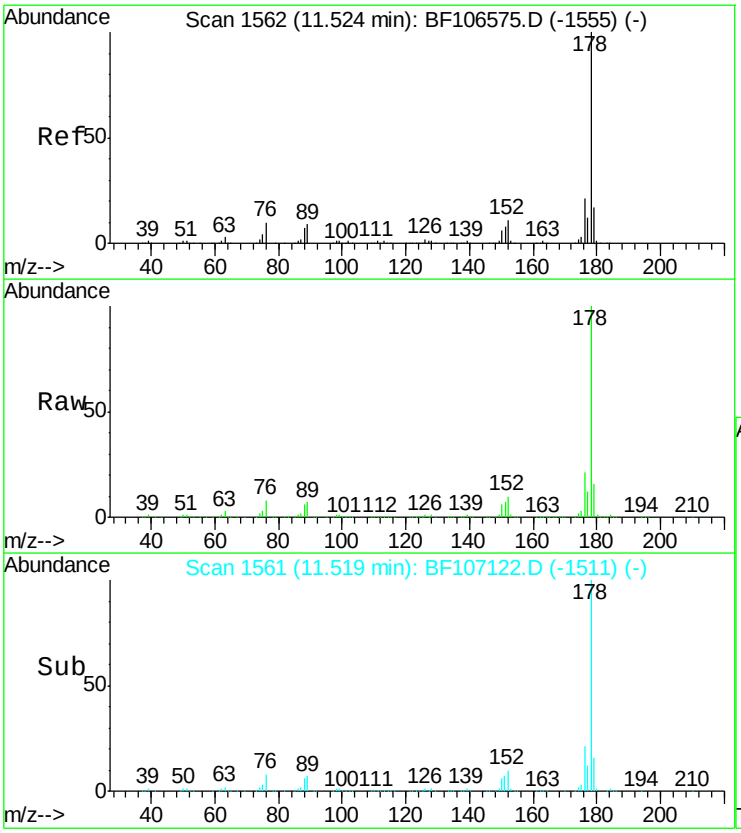
#66
4-Bromophenyl-phenylether
Concen: 3.554 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:248 Resp: 10399

Ion	Ratio	Lower	Upper
248	100		
250	202.8	76.9	115.3#
141	319.3	74.4	111.6#

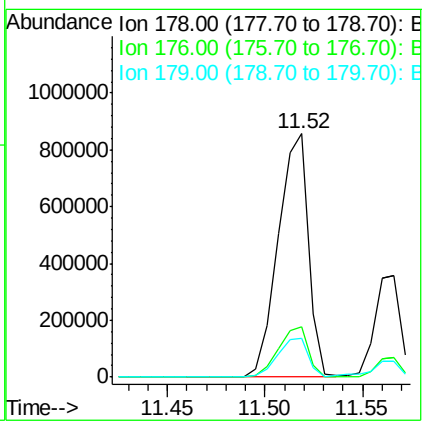


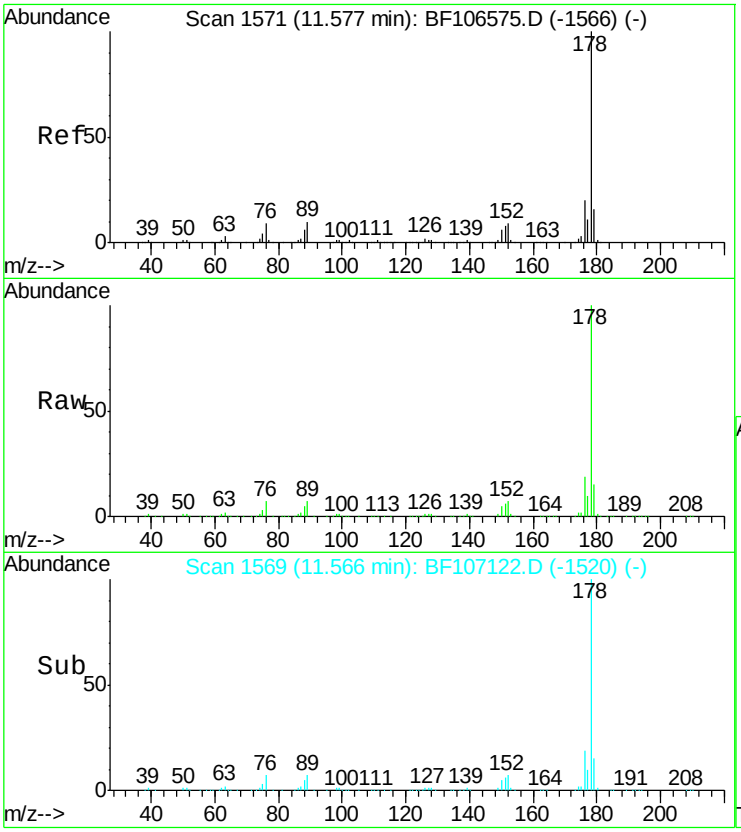


#70
Phenanthrene
Concen: 77.632 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:178 Resp: 918020

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.0	13.0	19.6



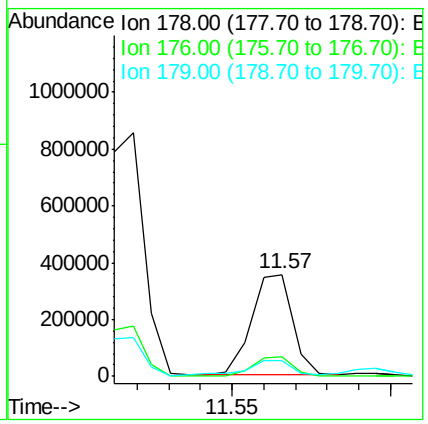


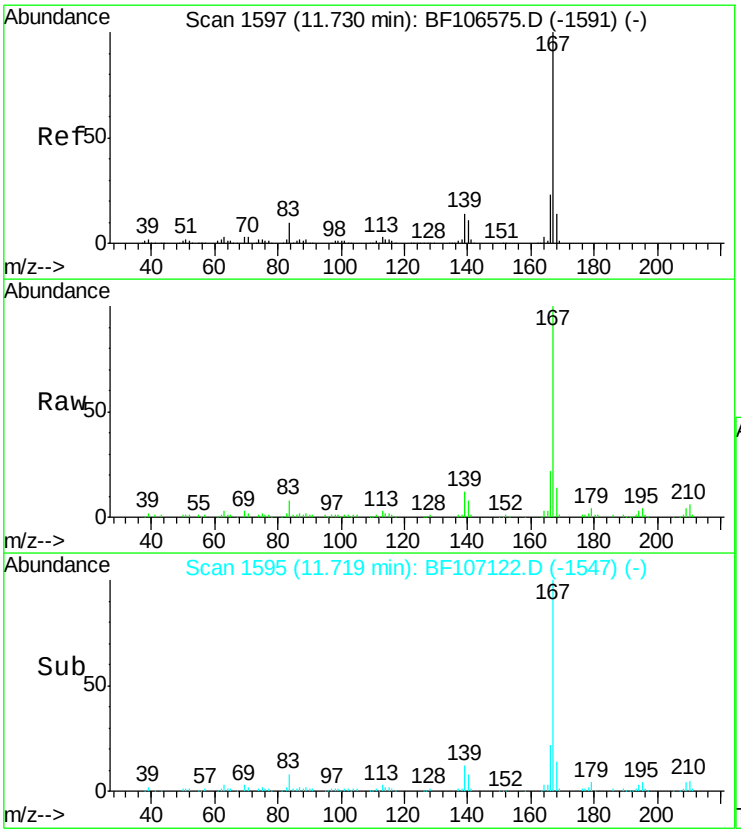
#71
Anthracene
Concen: 26.511 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:178 Resp: 319989

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	19.0

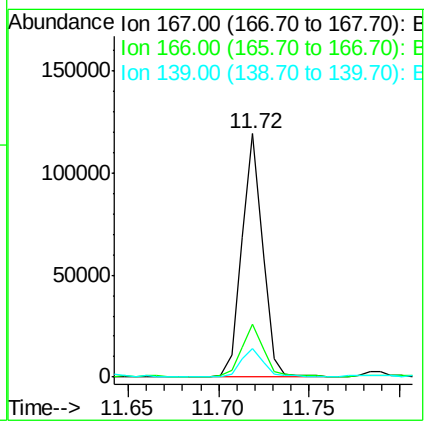


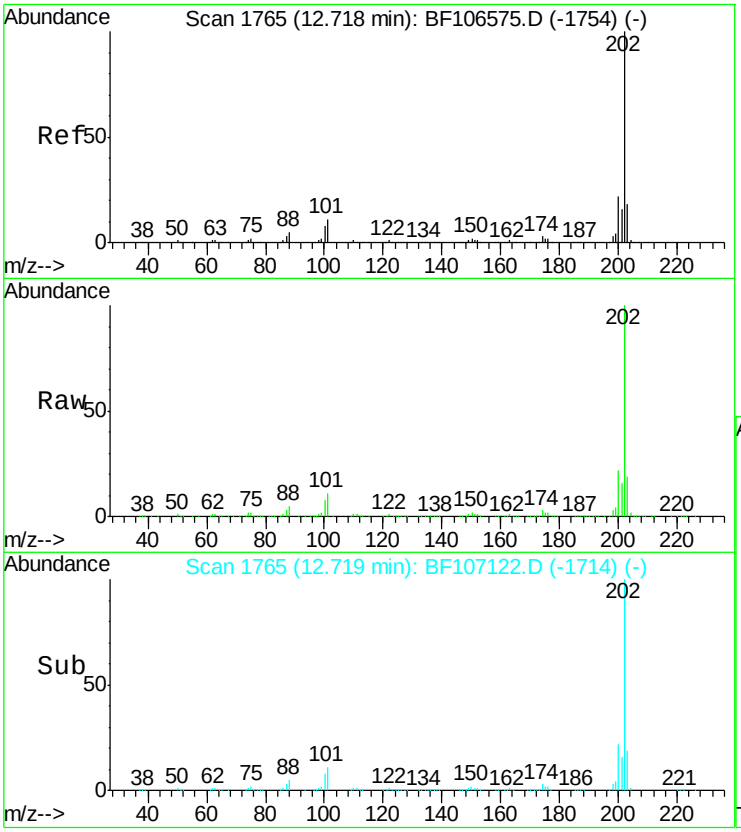


#72
Carbazole
Concen: 8.482 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:167 Resp: 95855

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	11.8	10.9	16.3



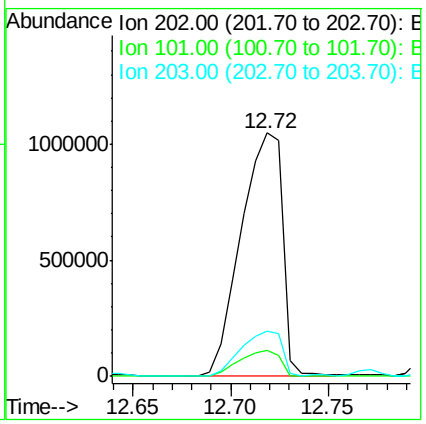


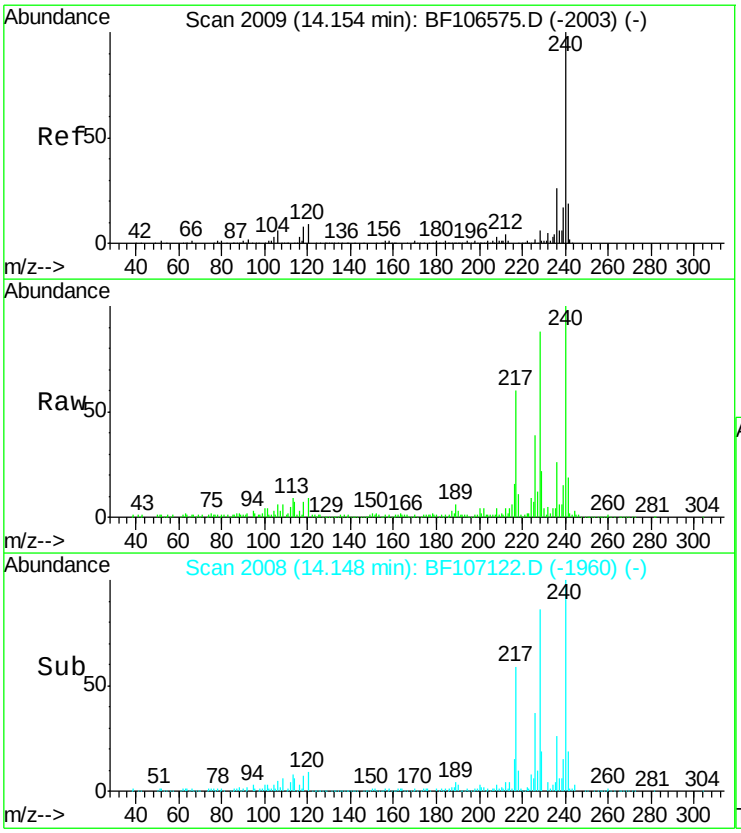
#74
Fluoranthene
Concen: 118.023 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:202 Resp: 1538293

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.8	0.0	38.1

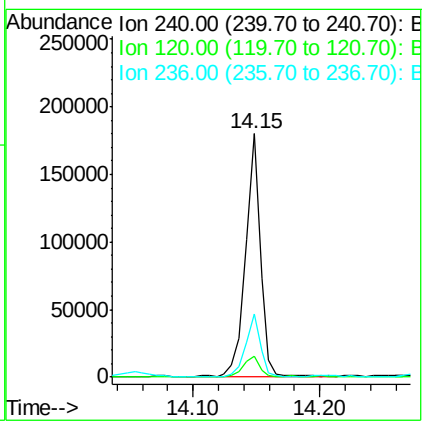


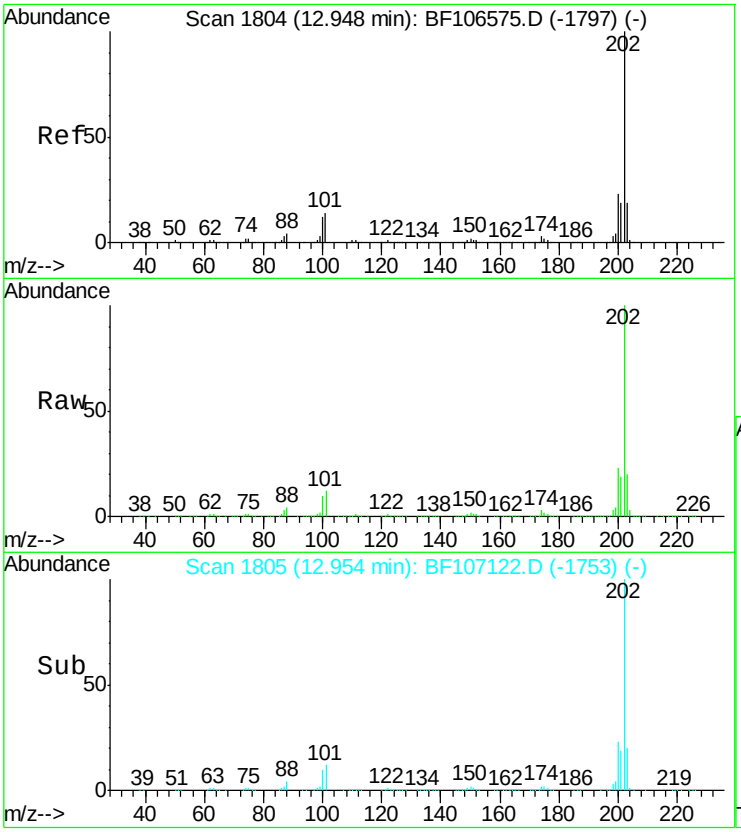


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:240 Resp: 145219

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.8	20.7	31.1



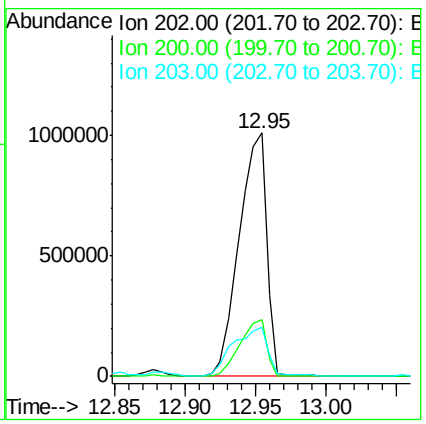


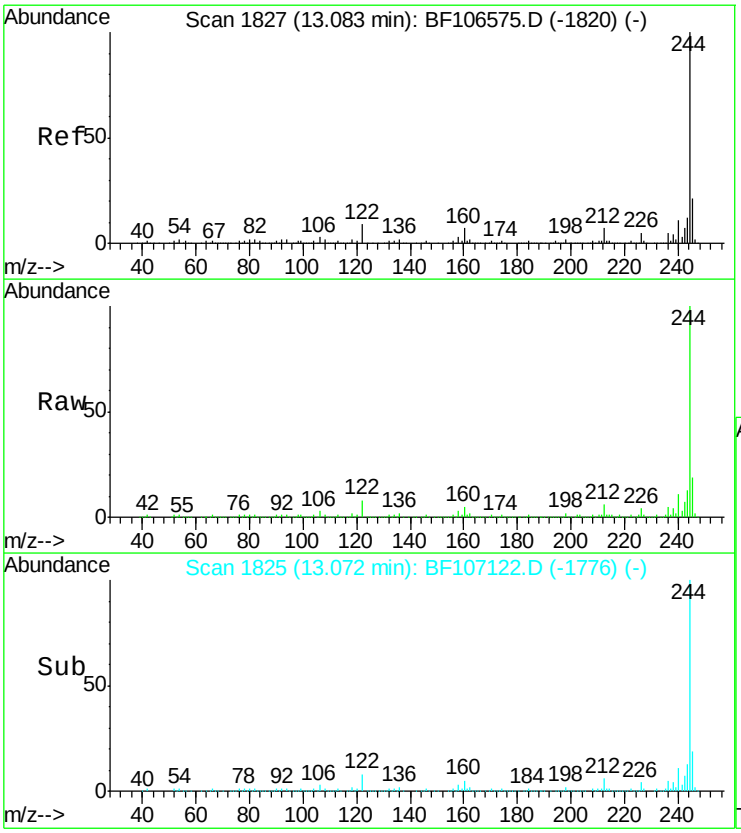
#77
Pyrene
Concen: 143.660 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:202 Resp: 1375711

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	20.1	14.3	21.5

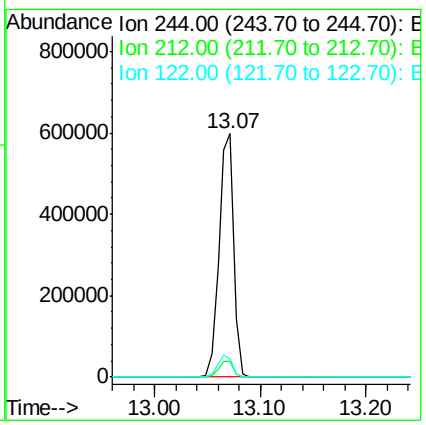


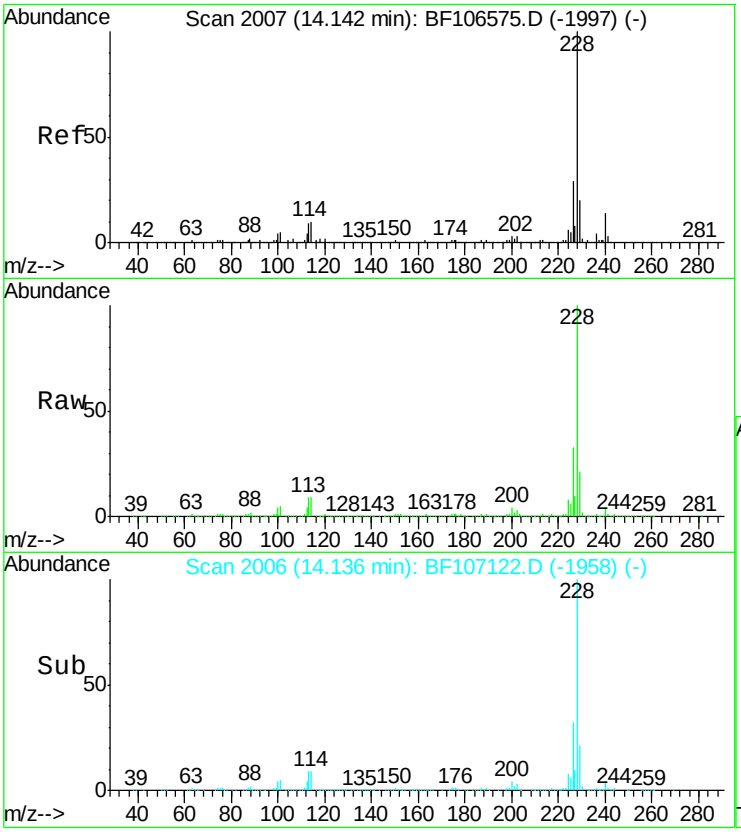


#78
Terphenyl-d14
Concen: 97.130 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:244 Resp: 582302

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.7	11.0	16.4#



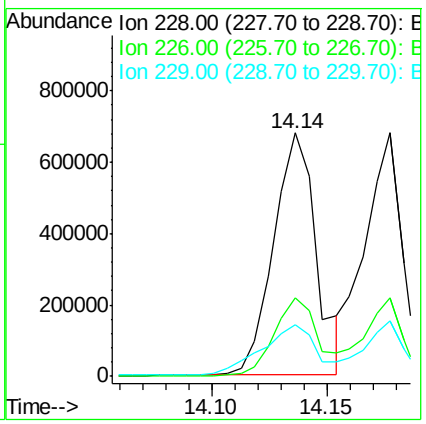


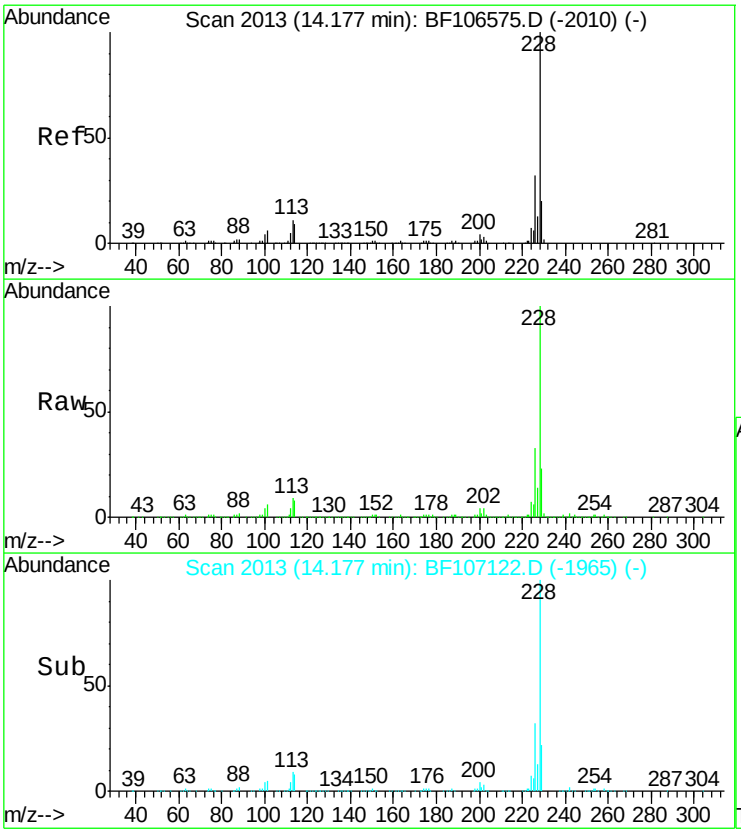
#80
Benzo(a)anthracene
Concen: 98.643 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:228 Resp: 873055

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	21.2	15.8	23.6

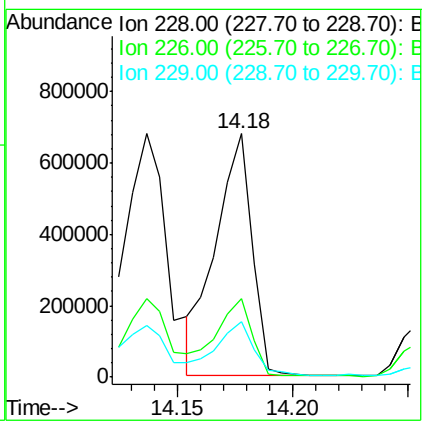


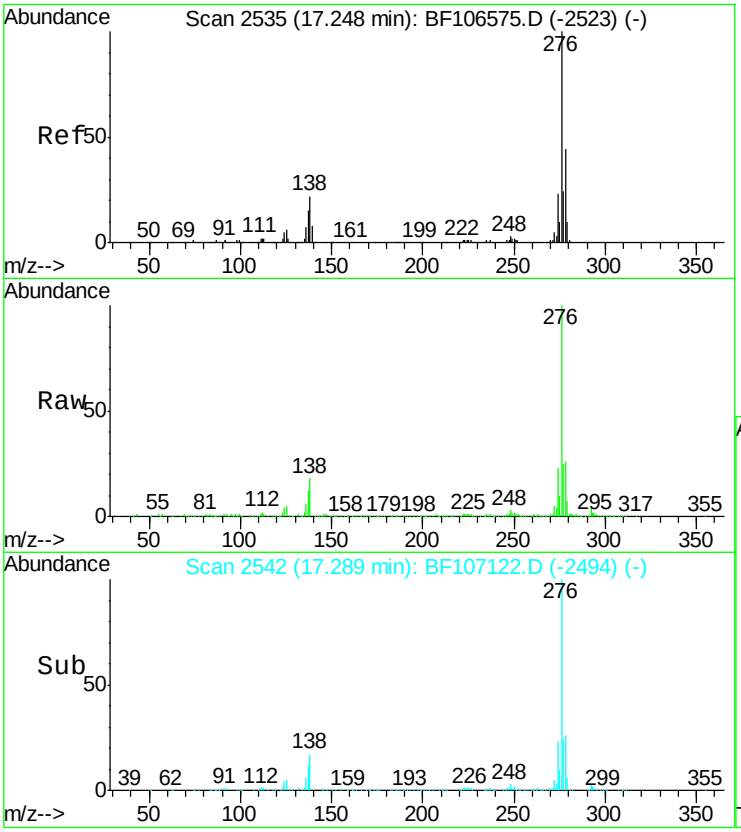


#82
Chrysene
Concen: 91.999 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:228 Resp: 749107

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	23.0	16.2	24.4



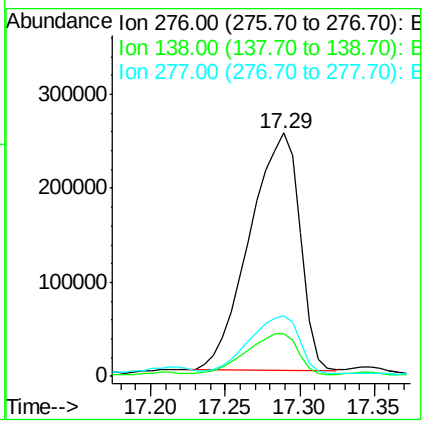


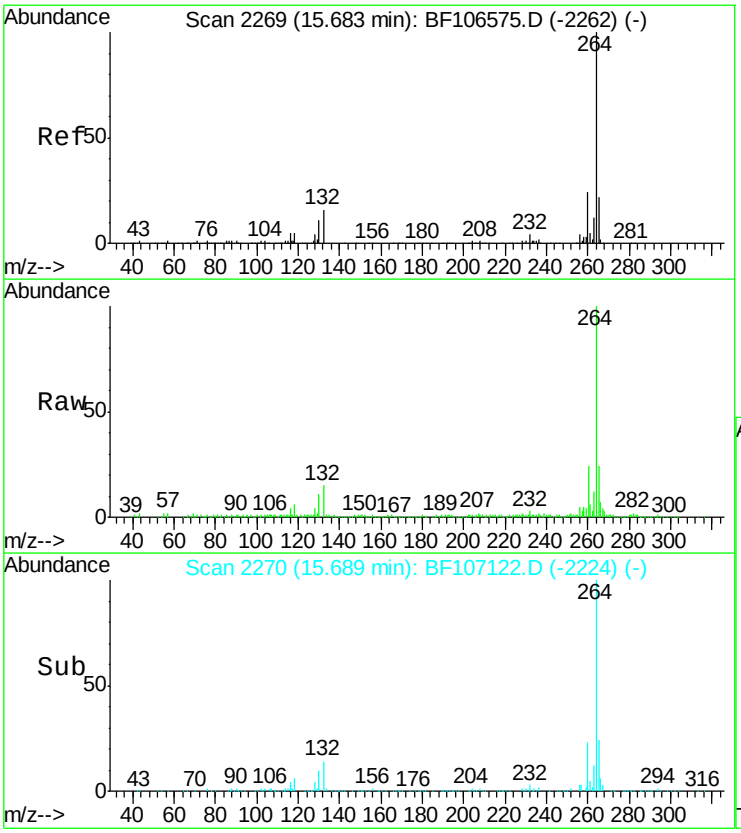
#85
Indeno(1,2,3-cd)pyrene
Concen: 85.567 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:276 Resp: 591269

Ion	Ratio	Lower	Upper
276	100		
138	18.1	25.0	37.6#
277	25.0	20.1	30.1

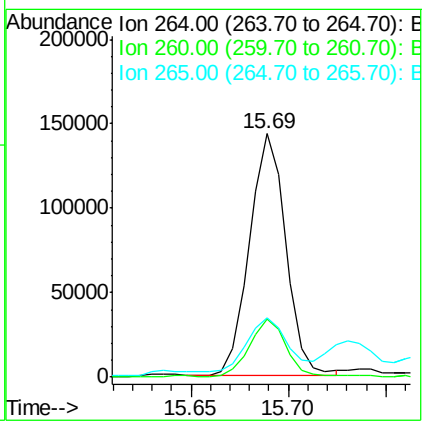


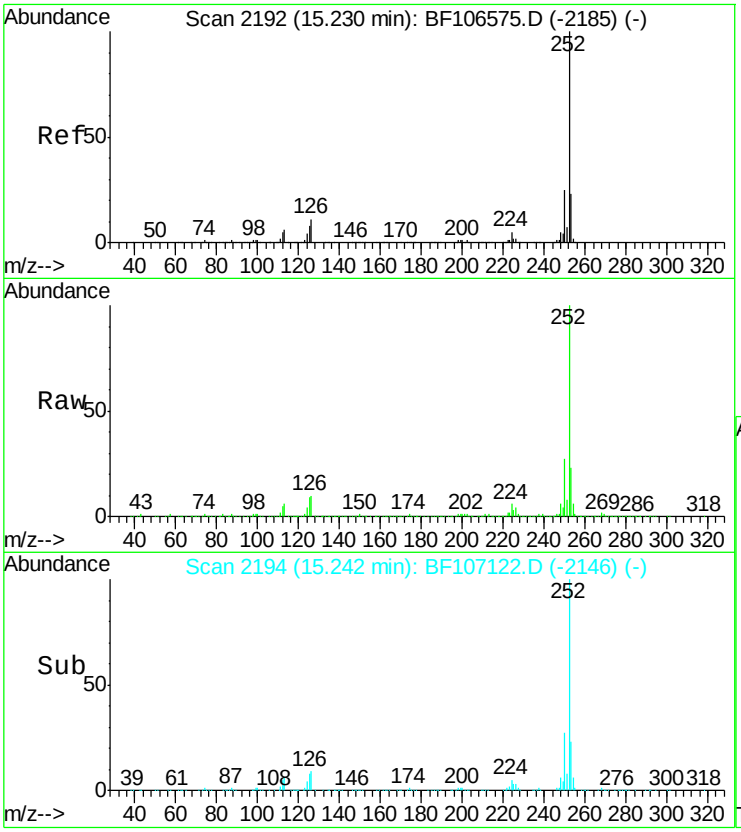


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:264 Resp: 184479

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	24.3	17.5	26.3



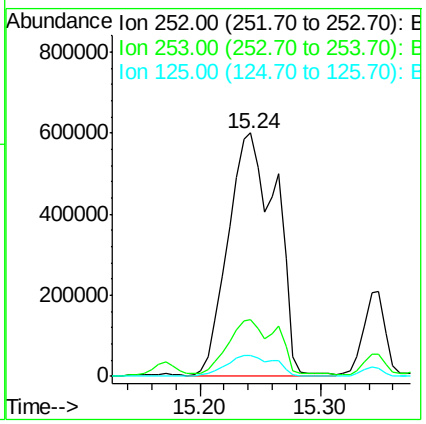


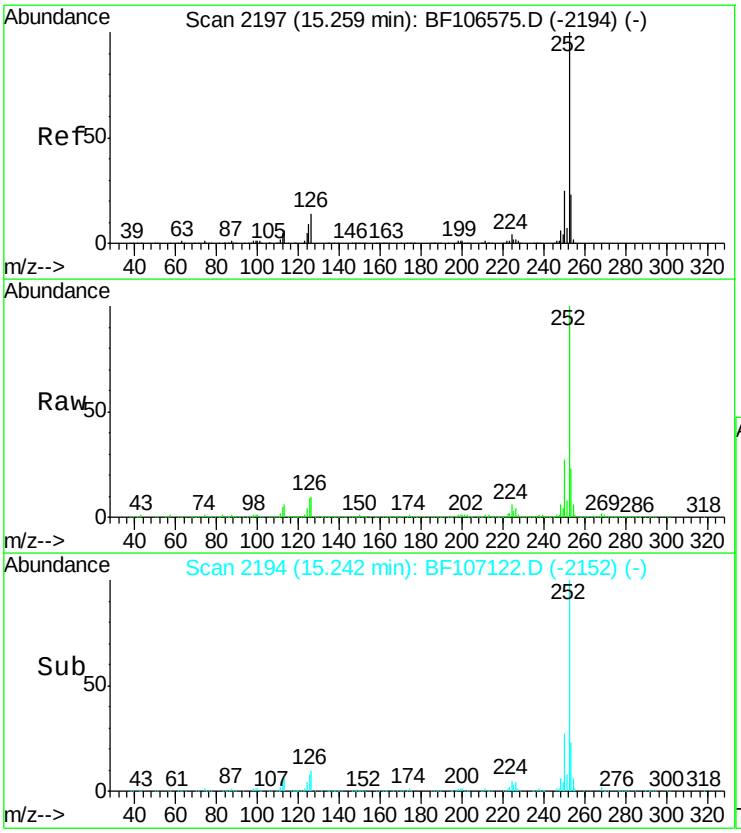
#87
Benzo(b)fluoranthene
Concen: 144.554 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:252 Resp: 1656551

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	8.6	9.0	13.6#

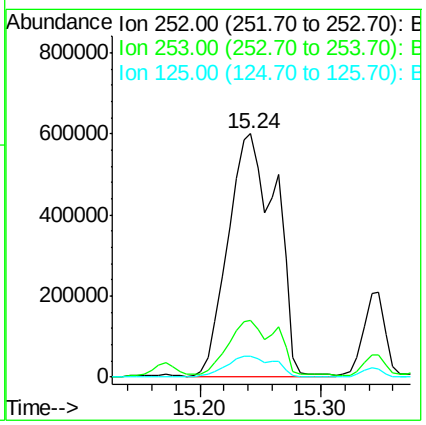


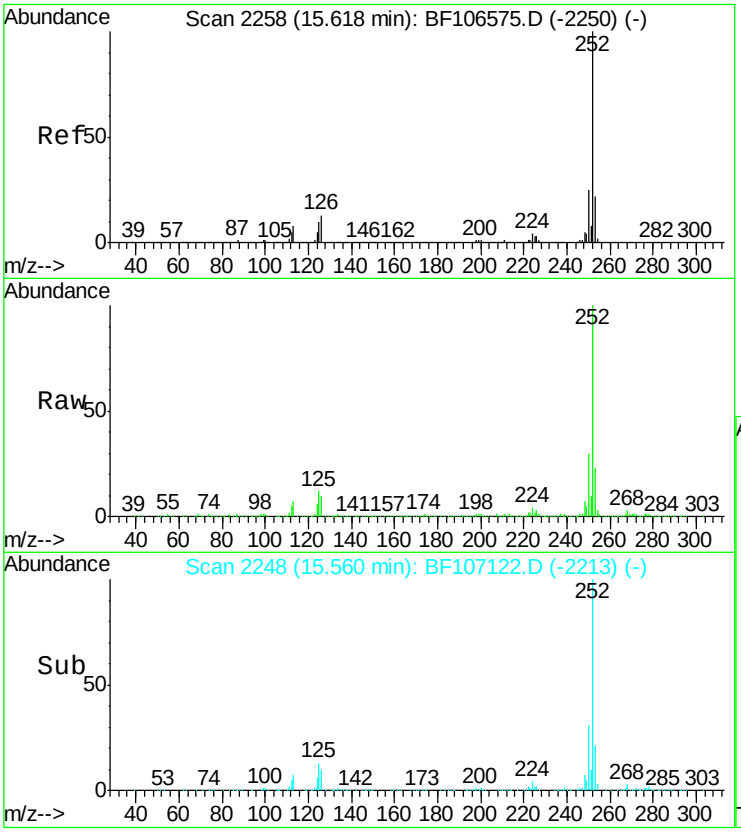


#88
Benzo(k)fluoranthene
Concen: 151.795 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:252 Resp: 1656551

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	8.6	10.2	15.2#



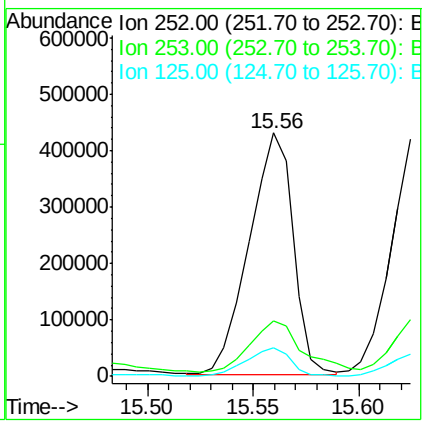


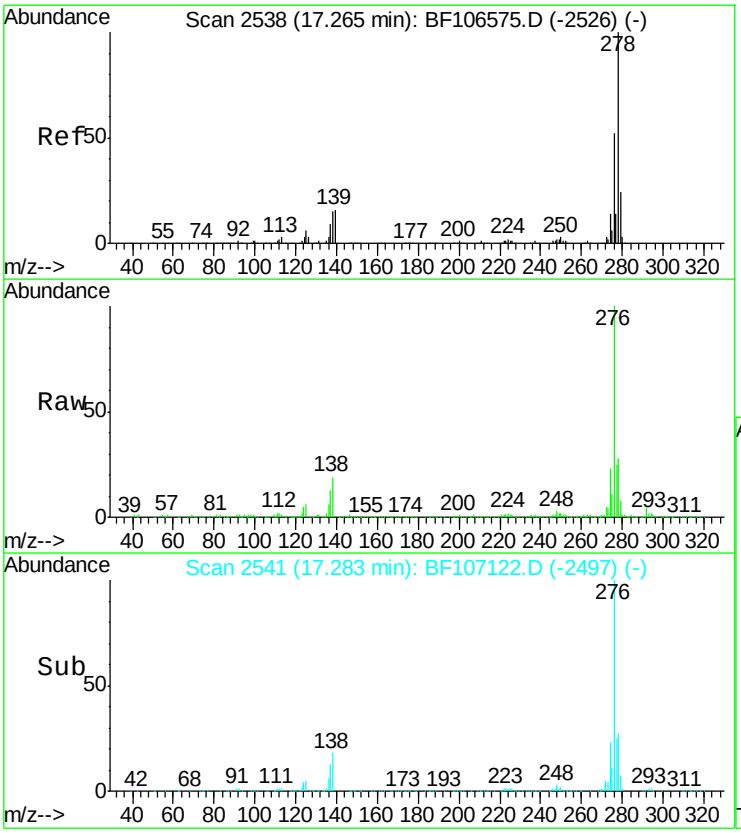
#89
Benzo(a)pyrene
Concen: 61.047 ng
RT: 15.56 min Scan# 2248
Delta R.T. -0.09 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:252 Resp: 621910

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.7	9.8	14.6

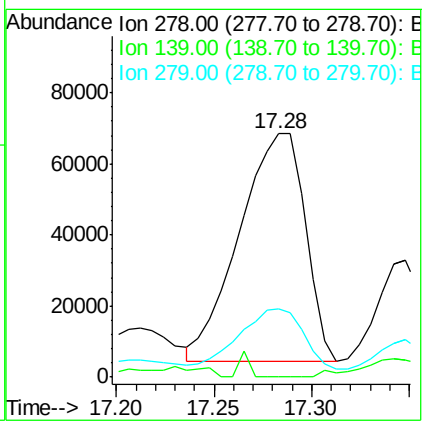


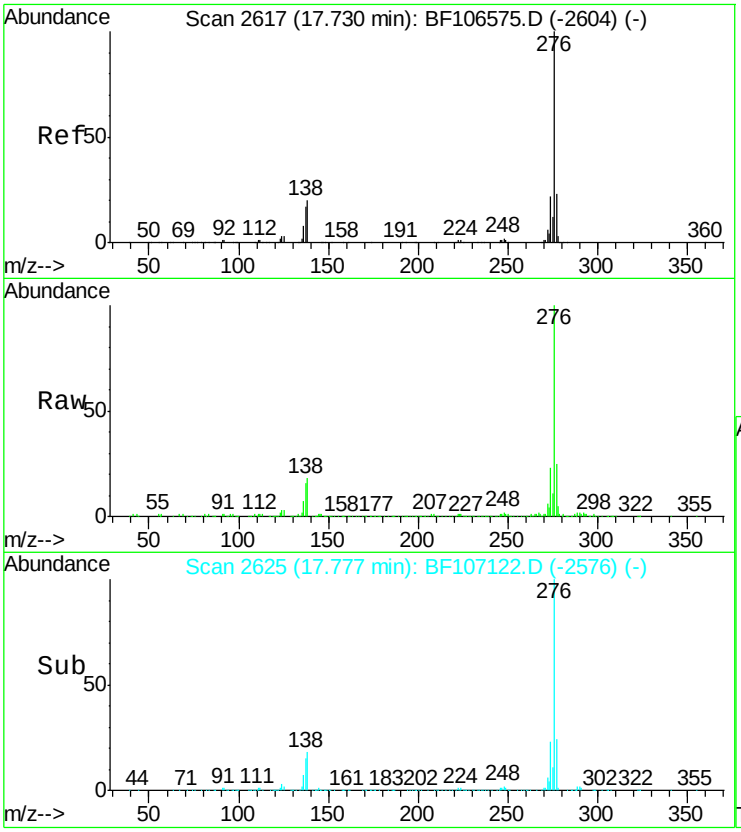


#90
Dibenzo(a,h)anthracene
Concen: 17.292 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.04 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Tgt Ion:278 Resp: 149295

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 65.631 ng
RT: 17.78 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BF107122.D
Acq: 5 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:276 Resp: 553847

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	18.3	21.8	32.8#