Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB7-12-7

Quant Time: Jul 23 18:15:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	288328	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1058033	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	381298	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	698545	20.00	ng		0.00
75) Chrysene-d12	14.17	240	556301	20.00	ng		0.00
86) Perylene-d12	15.72	264	409972	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	291769	16.27	ng		0.00
7) Phenol-d6	6.61	99	886494	41.17	ng		0.00
23) Nitrobenzene-d5	7.54	82	566434	36.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	24851	5.73	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1005322	37.77	ng		0.00
78) Terphenyl-d14	13.10	244	902839	41.55	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	11802	Below Cal			91
19) n-Nitroso-di-n-propylamine	7.54	70	72186	5.189	ng	#	83
25) Isophorone	7.54	82	565479	16.893	ng	#	64
32) Benzoic acid	8.05	122	1825	8.052	ng	#	73
48) Acenaphthylene	9.88	152	91580	2.401	ng		99
49) Dimethylphthalate	9.72	163	206277	7.178	ng	#	99
51) Acenaphthene	10.05	154	56648	2.371	ng		97
53) 2,4-Dinitrophenol	10.30	184	151	8.357	ng	#	31
57) Fluorene	10.57	166	97310	3.877	ng		91
64) 4,6-Dinitro-2-methylphenol	10.68	198	117	8.709	ng	#	1
70) Phenanthrene	11.54	178	826156	24.270	ng		99
71) Anthracene	11.59	178	248056	7.238	ng		98
72) Carbazole	11.75	167	76258	2.140	ng		95
74) Fluoranthene	12.74	202	1288606	35.277	ng		98
77) Pyrene	12.97	202	1220050	32.063	ng		97
79) Butylbenzylphthalate	13.57	149	372516	22.764	ng		93
80) Benzo(a)anthracene	14.16	228	537015	16.473	ng		96
81) 3,3'-Dichlorobenzidine	14.09	252	4863	Below Cal		#	39
82) Chrysene	14.16	228	537015	17.148	ng		96
83) Bis(2-ethylhexyl)phthalate	14.14	149	3675829	159.197	ng	#	89
84) Di-n-octyl phthalate	14.75	149	502709	14.007	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.30	276	205346	7.737	ng	#	91
87) Benzo(b)fluoranthene	15.25	252	627637	27.973	ng	#	85
88) Benzo(k)fluoranthene	15.25	252	627637	28.552	ng	#	88
89) Benzo(a)pyrene	15.65	252	337176	16.428	ng	#	92
90) Dibenzo(a,h)anthracene	17.31	278	50526	2.848	ng	#	60
91) Benzo(g,h,i)perylene	17.79	276	210361	12.021	ng	#	94

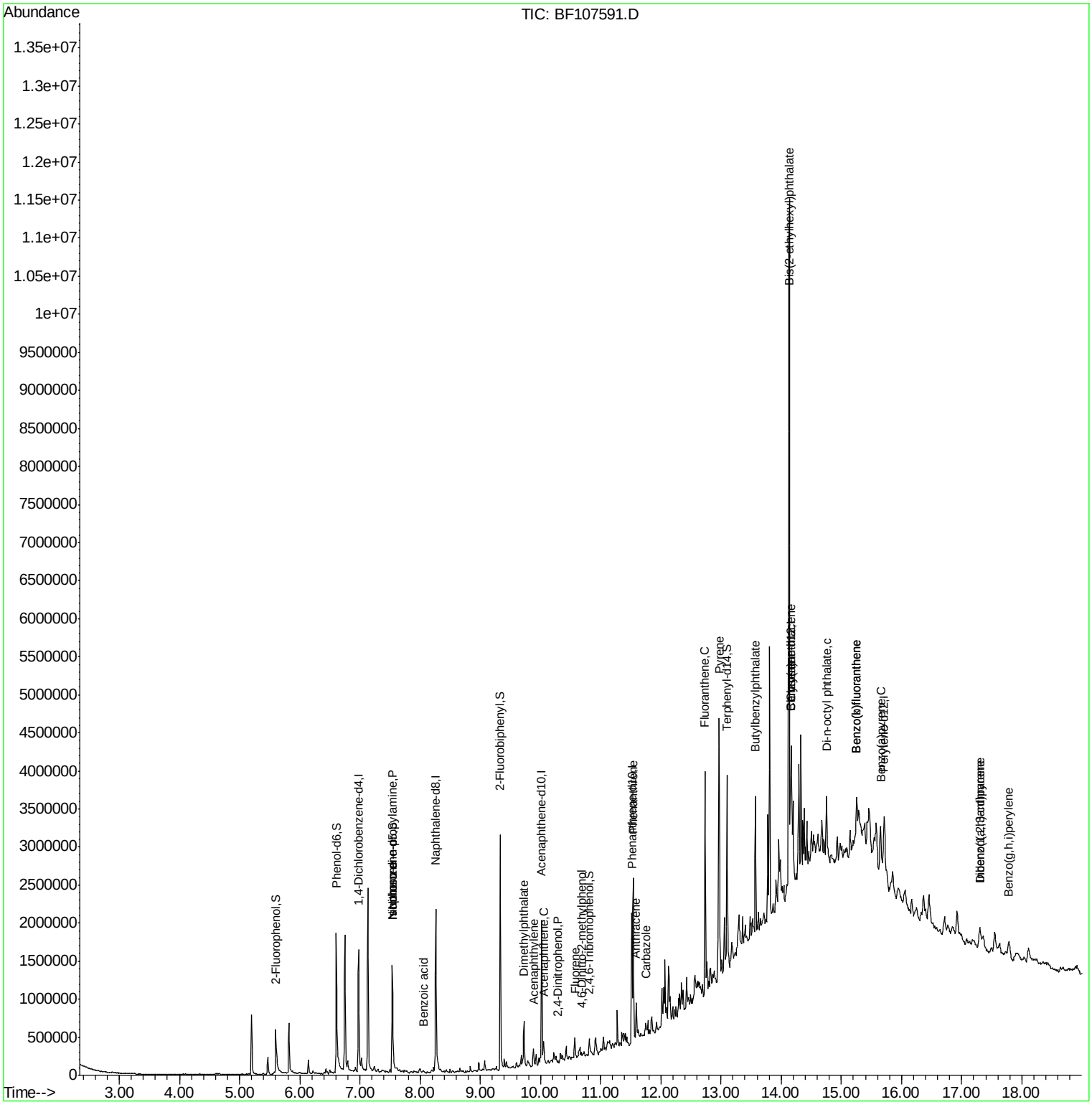
(#) = qualifier out of range (m) = manual integration (+) = signals summed

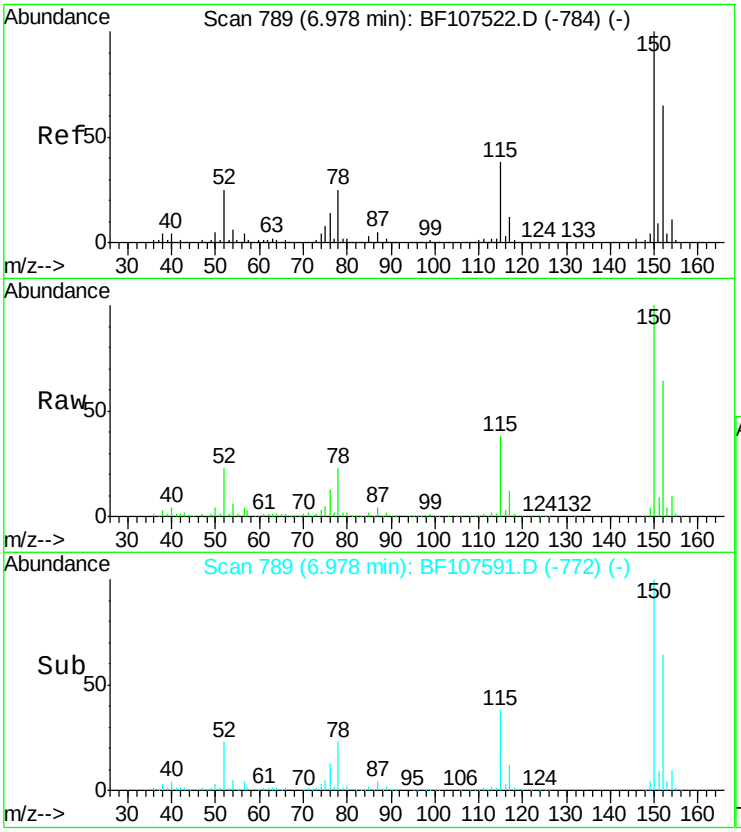
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107591.D
Acq On : 23 Jul 2018 16:38
Operator : JU/SJ
Sample : J4030-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Quant Time: Jul 23 18:15:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



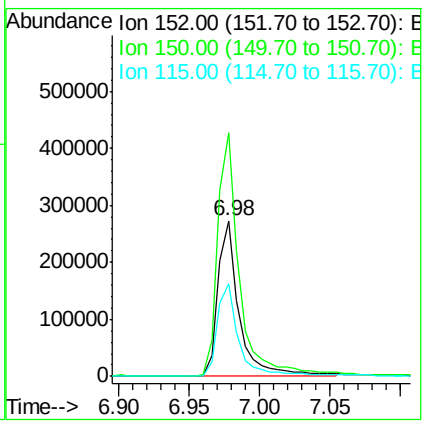


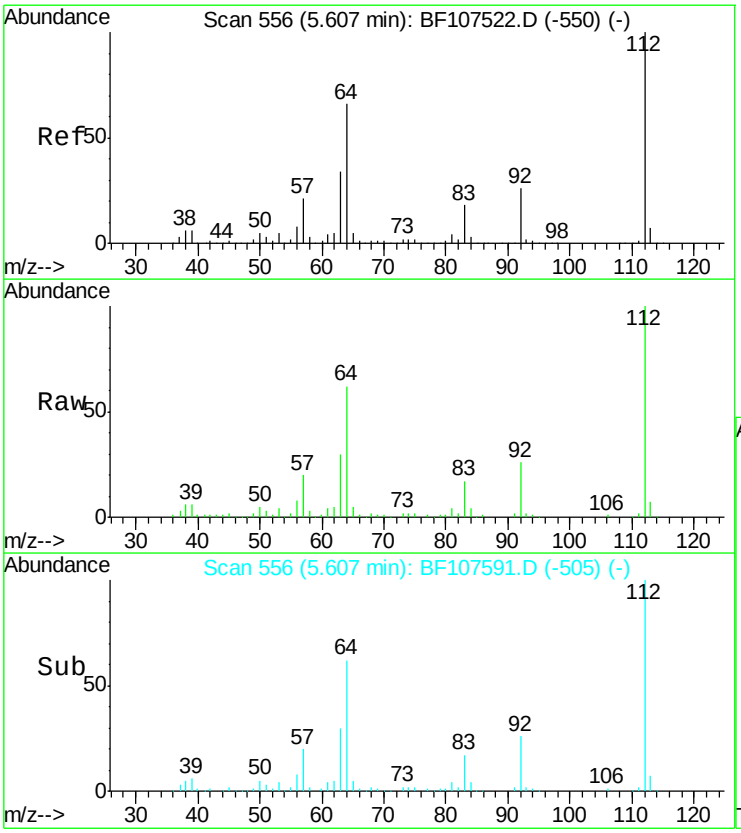
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:152 Resp: 288328

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.5	50.1	75.1

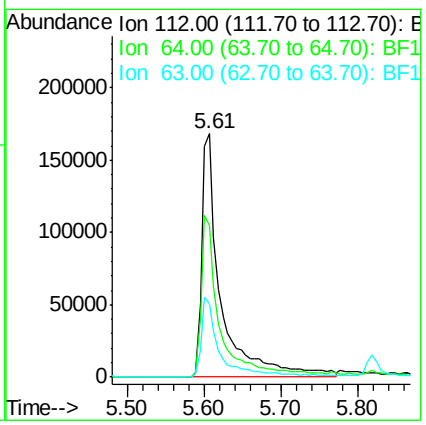


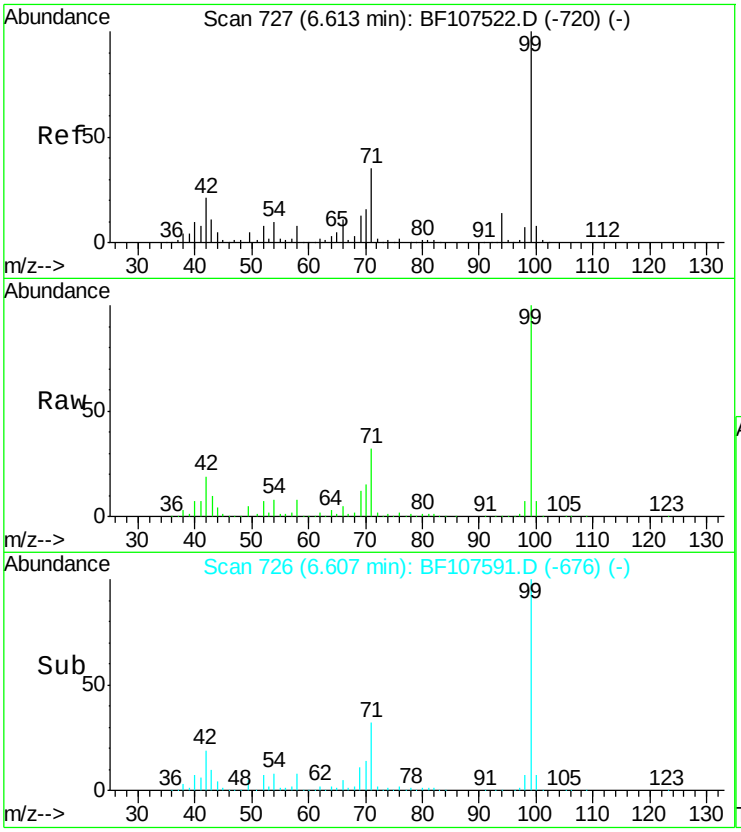


#5
2-Fluorophenol
Concen: 16.270 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:112 Resp: 291769

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	30.2	23.7	35.5



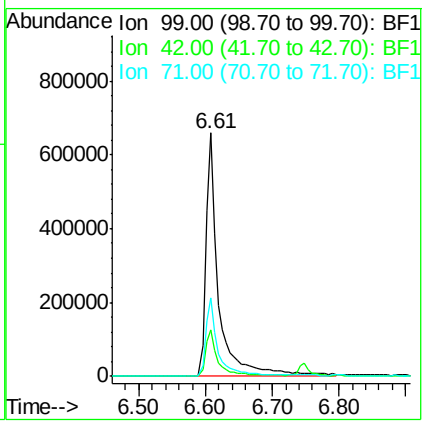


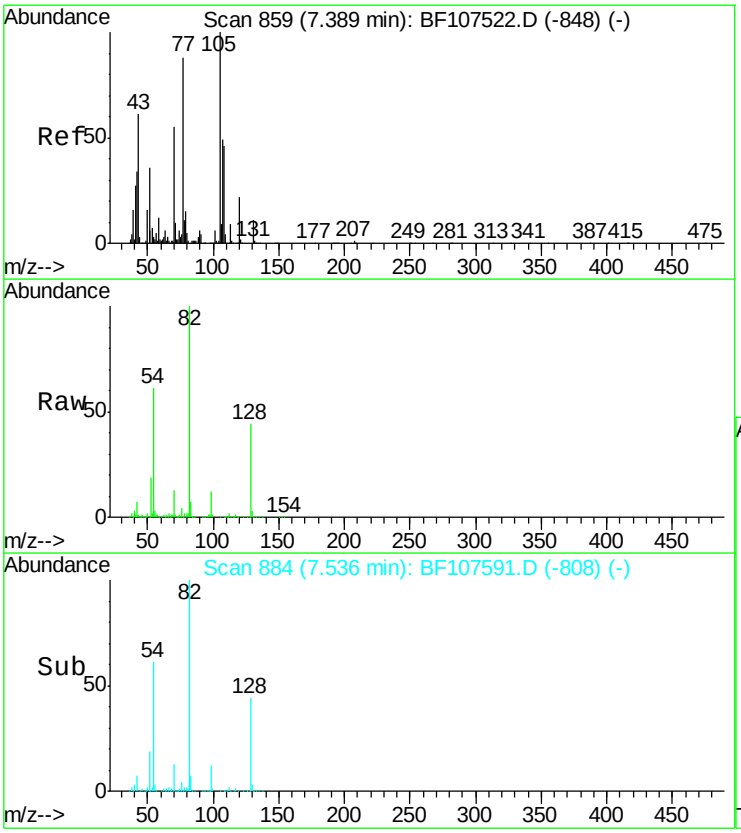
#7
Phenol-d6
Concen: 41.169 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion: 99 Resp: 886494

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.3	25.4	38.0

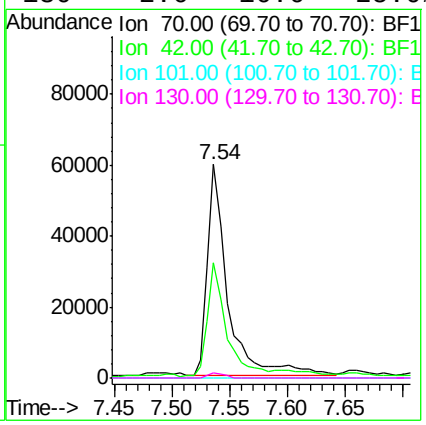


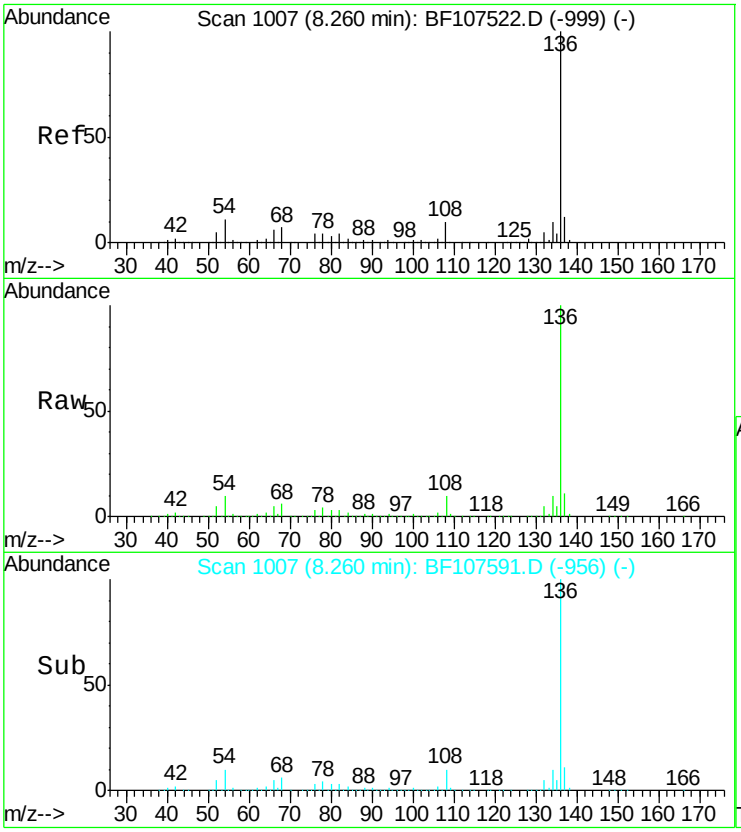


#19
n-Nitroso-di-n-propylamine
Concen: 5.189 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion: 70 Resp: 72186

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



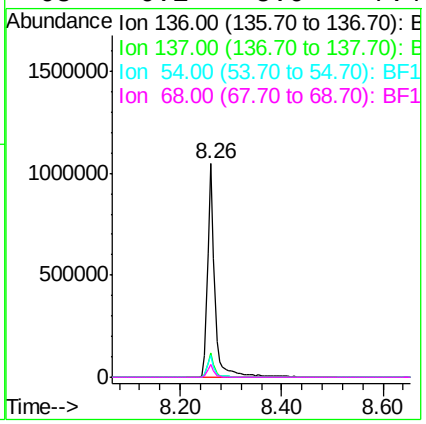


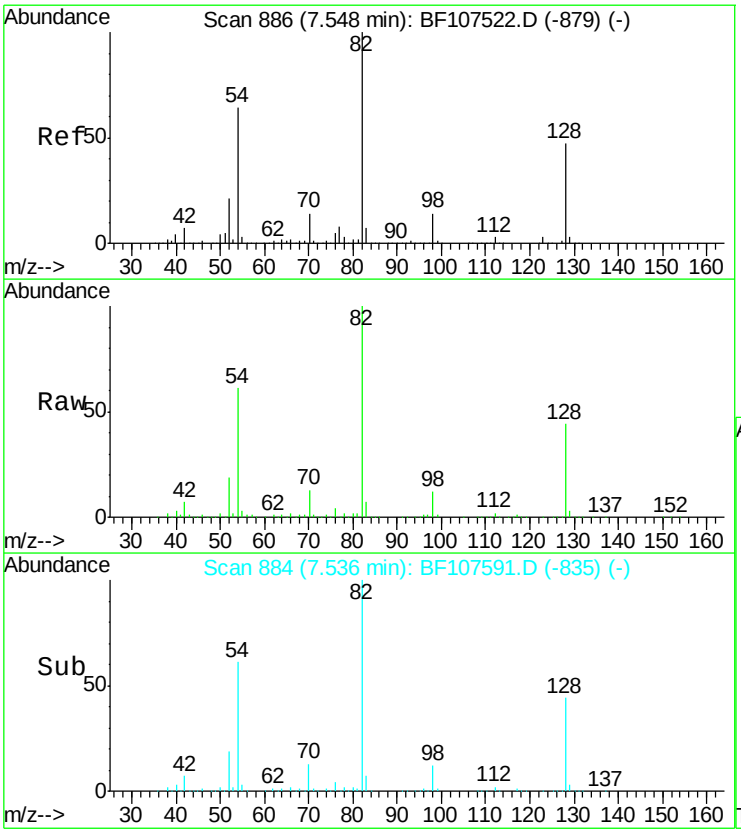
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:136 Resp: 1058033

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.0	6.6	9.8#
68	6.1	5.0	7.4

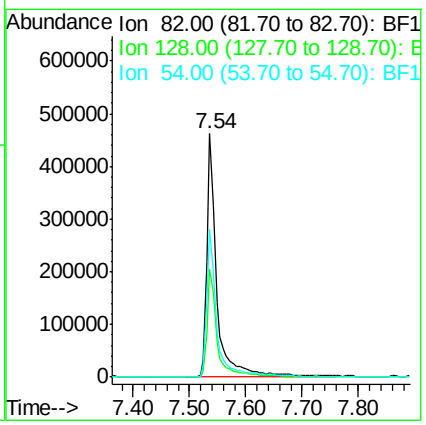


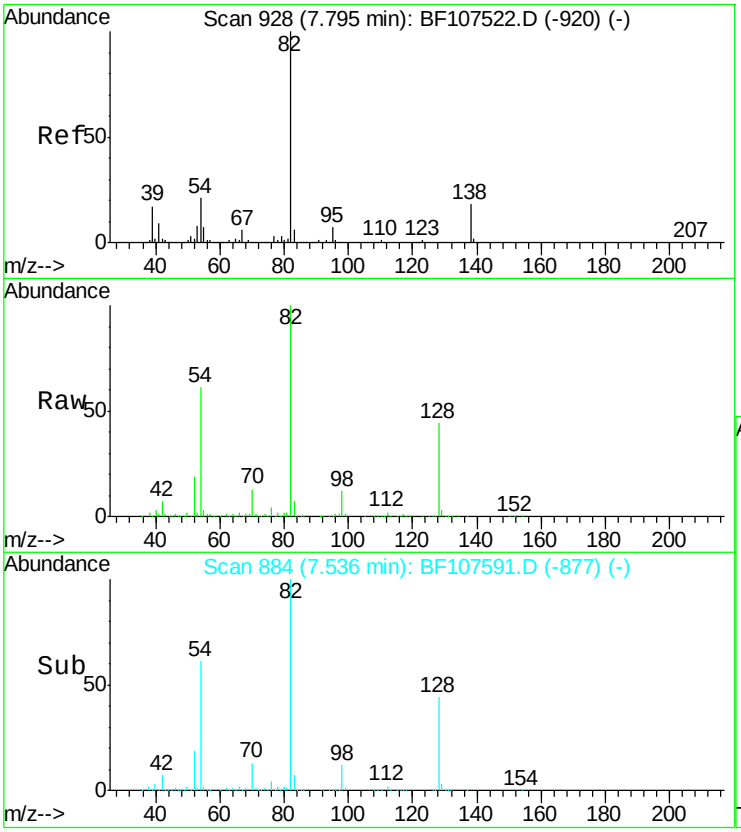


#23
Nitrobenzene-d5
Concen: 36.131 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion: 82 Resp: 566434

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	60.7	41.4	62.2



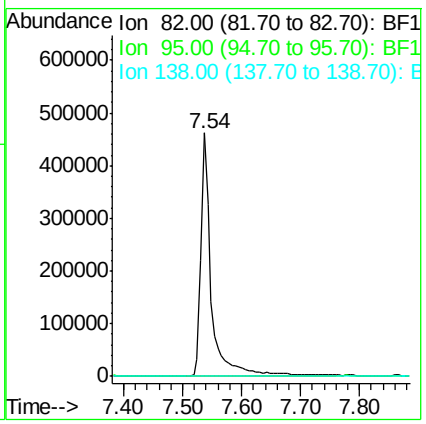


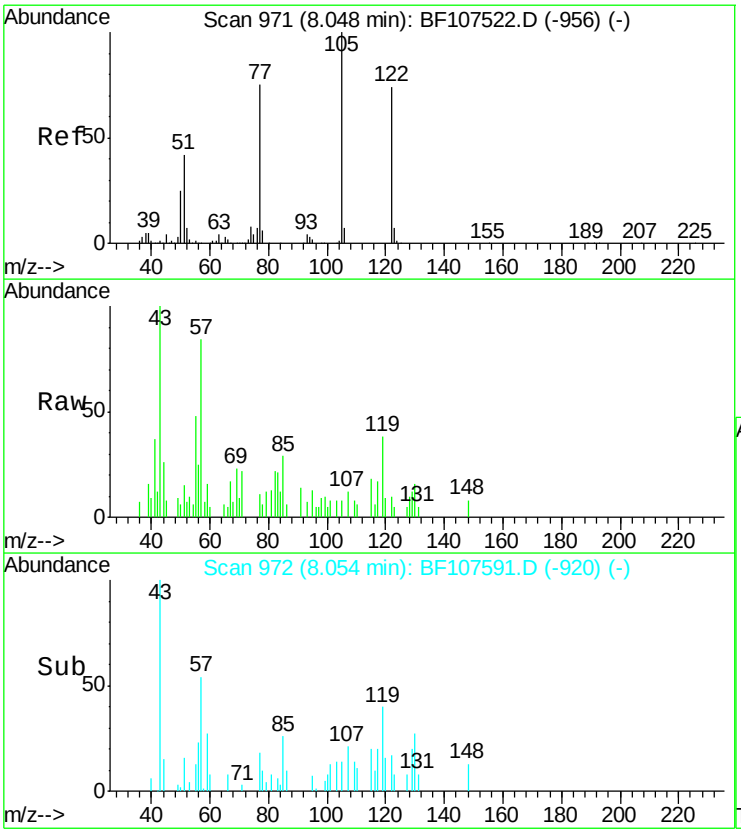
#25
Isophorone
Concen: 16.893 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion: 82 Resp: 565479

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

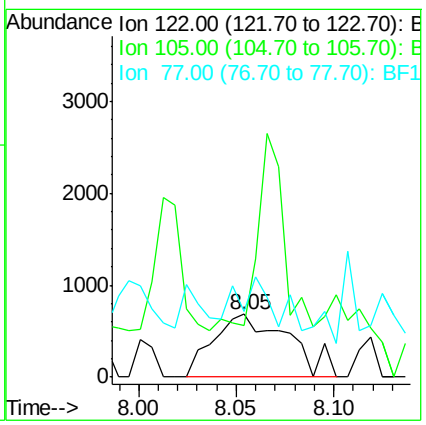


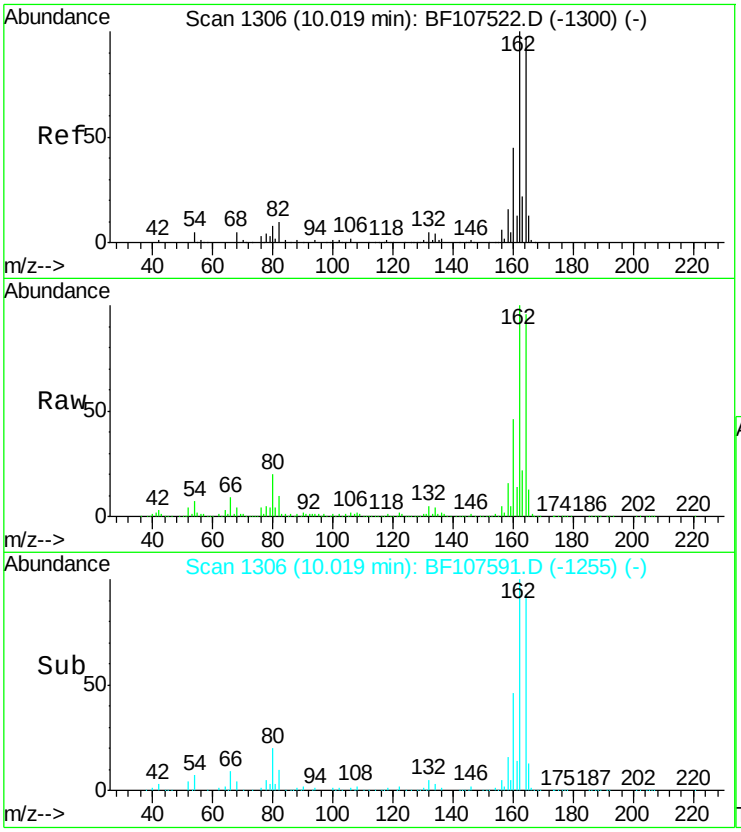


#32
Benzoic acid
Concen: 8.052 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:122 Resp: 1825

Ion	Ratio	Lower	Upper
122	100		
105	82.0	101.1	141.1#
77	105.1	70.7	110.7



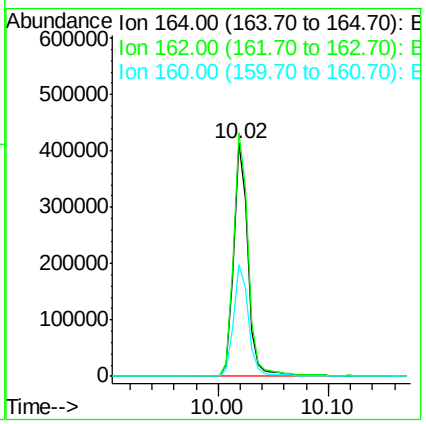


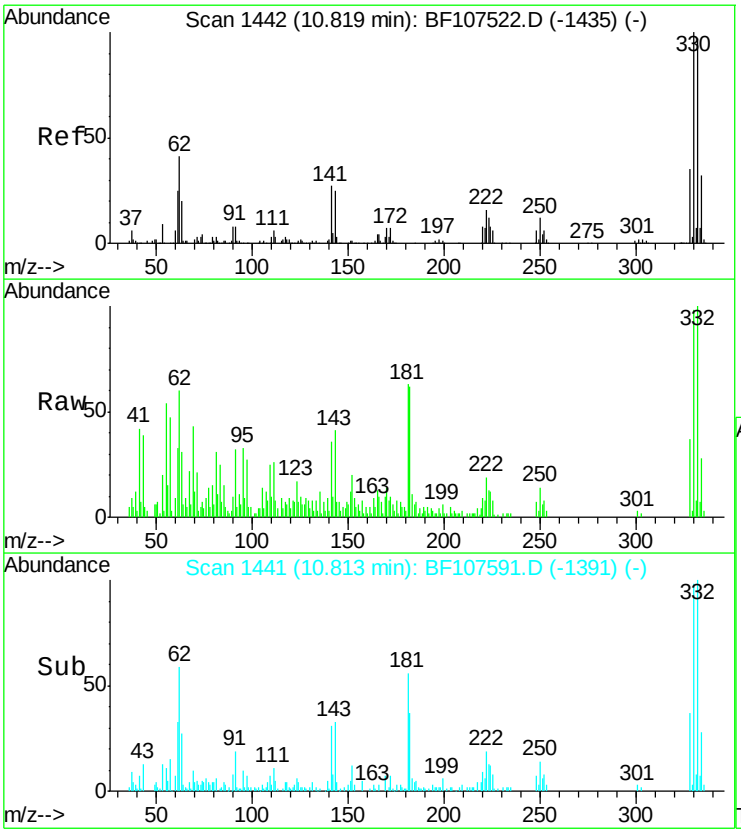
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:164 Resp: 381298

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.9	38.3	57.5

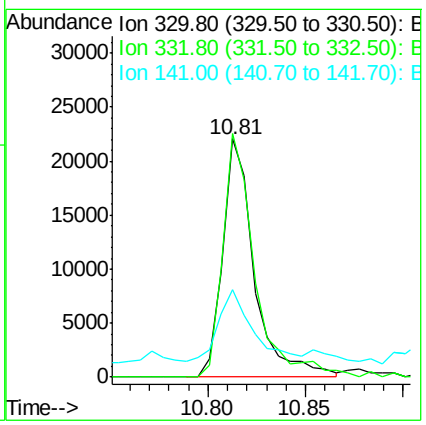


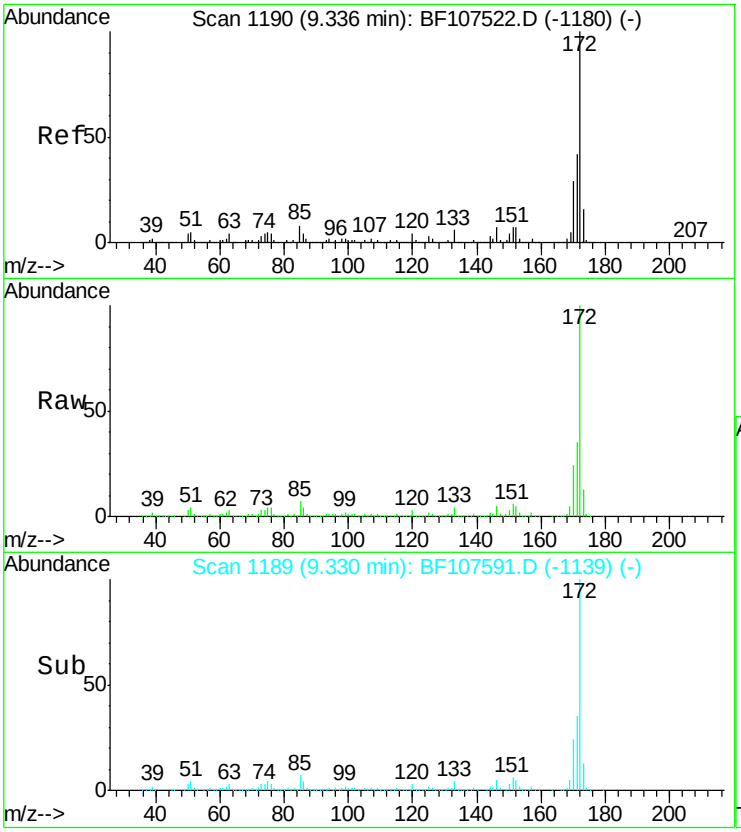


#41
2,4,6-Tribromophenol
Concen: 5.731 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:330 Resp: 24851

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	31.2	29.9	44.9



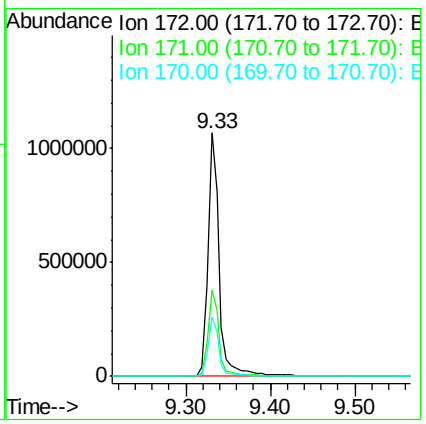


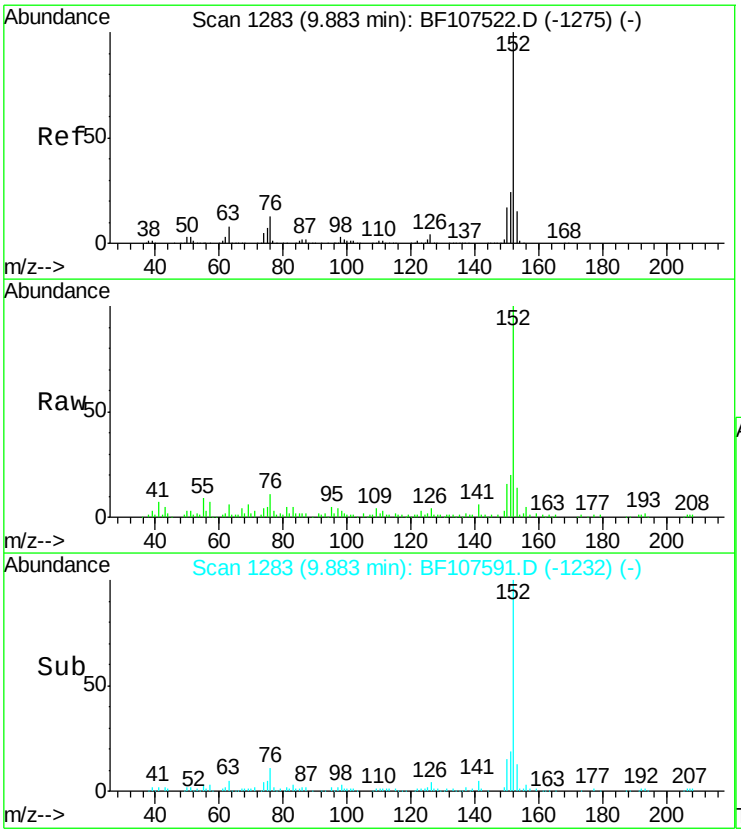
#44
2-Fluorobiphenyl
Concen: 37.770 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:172 Resp: 1005322

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.2	19.6	29.4

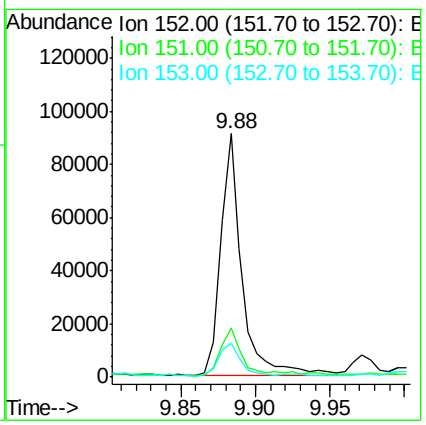


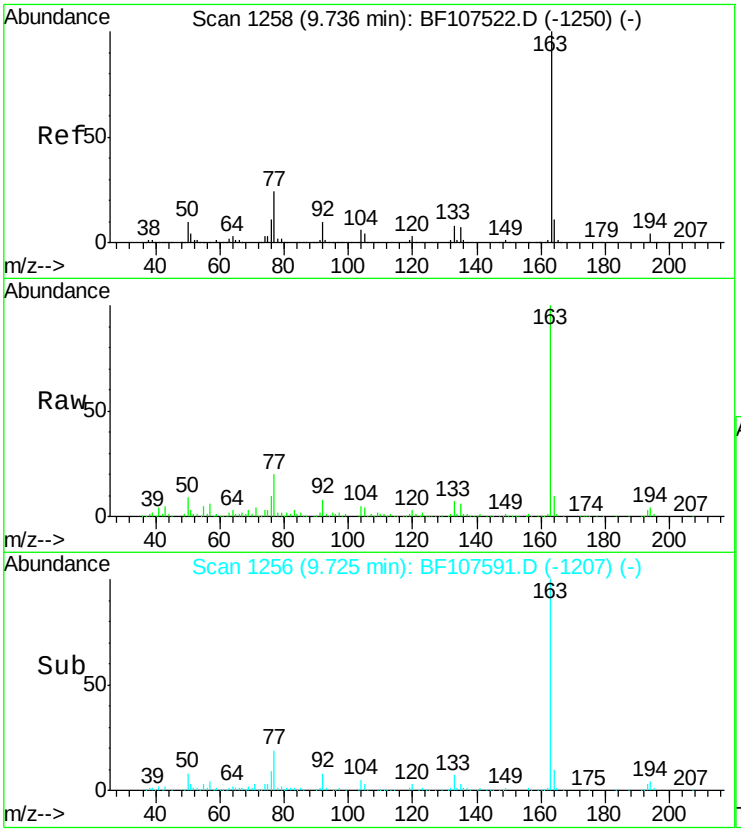


#48
Acenaphthylene
Concen: 2.401 ng
RT: 9.88 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:152 Resp: 91580

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.7	10.7	16.1



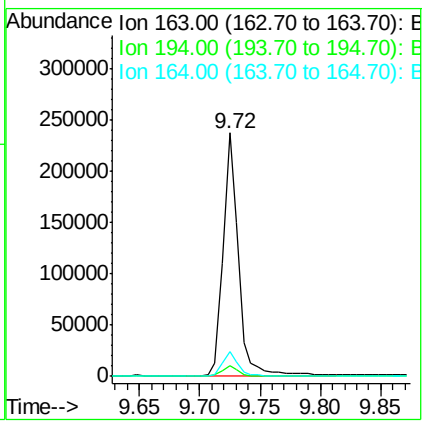


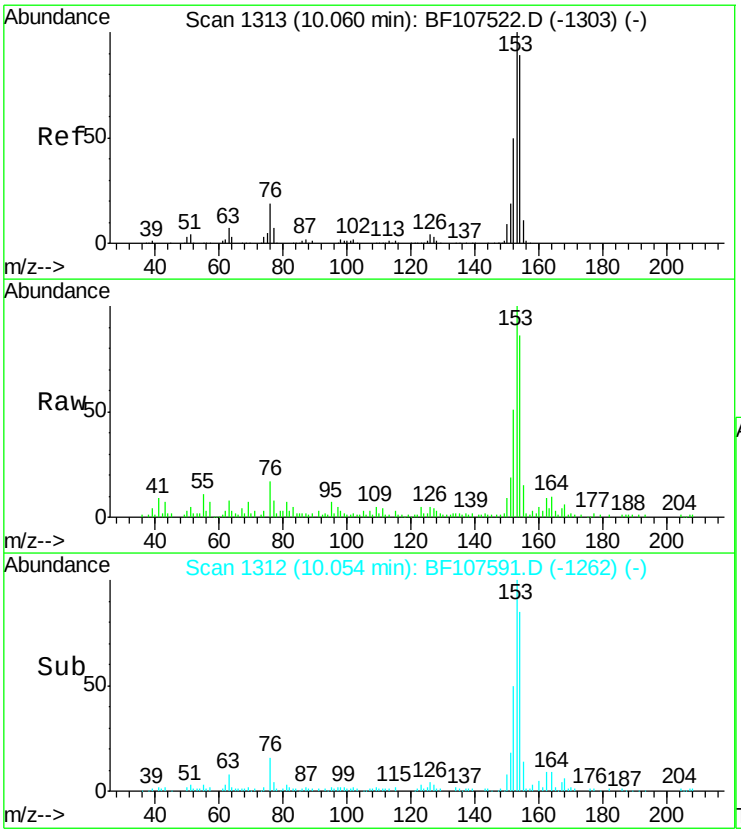
#49
Dimethylphthalate
Concen: 7.178 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:163 Resp: 206277

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.0	8.2	12.2

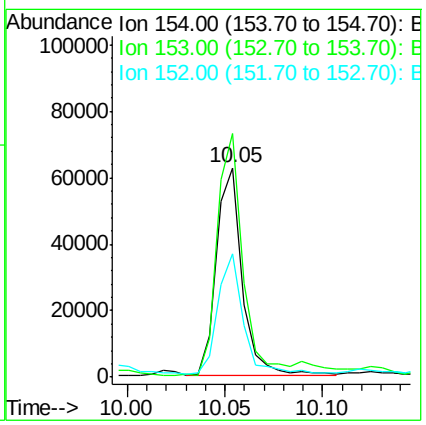


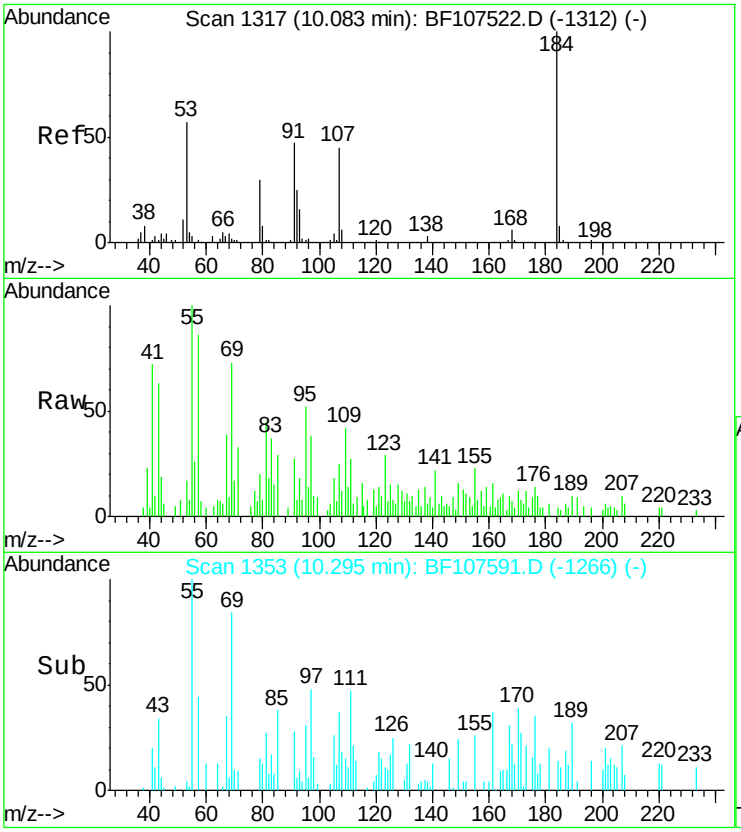


#51
Acenaphthene
Concen: 2.371 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:154 Resp: 56648

Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.2	136.8
152	59.1	43.8	65.8



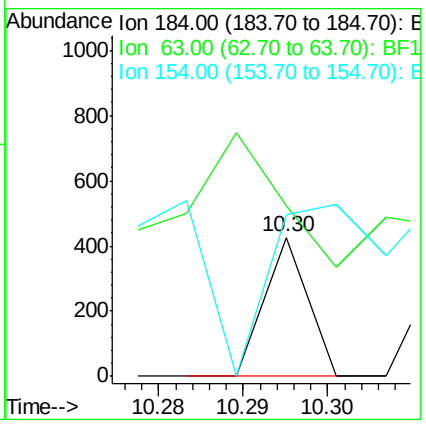


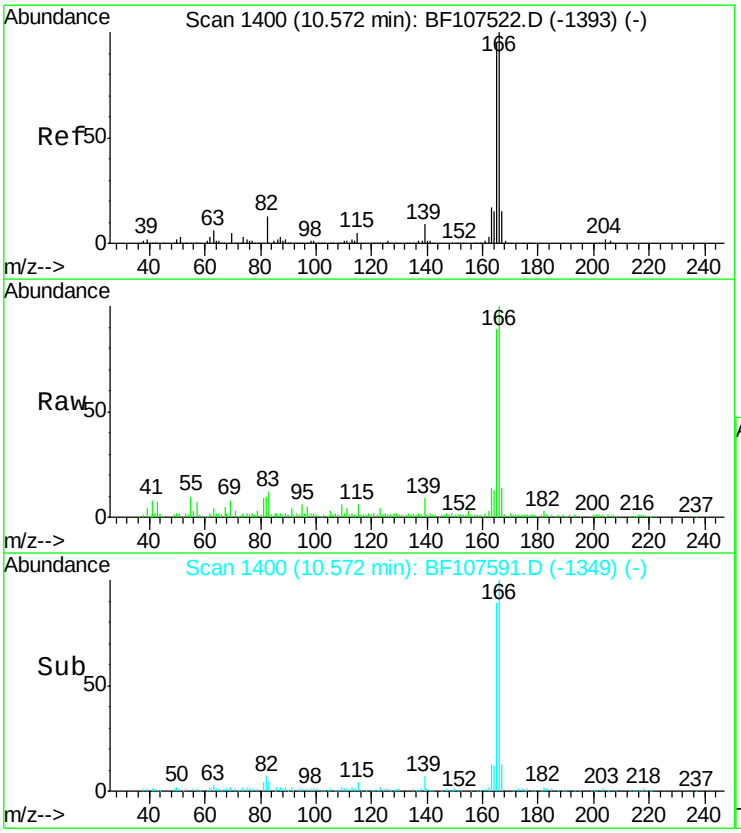
#53
2,4-Dinitrophenol
Concen: 8.357 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.21 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:184 Resp: 151

Ion	Ratio	Lower	Upper
184	100		
63	123.0	54.2	81.2#
154	115.9	184.0	276.0#

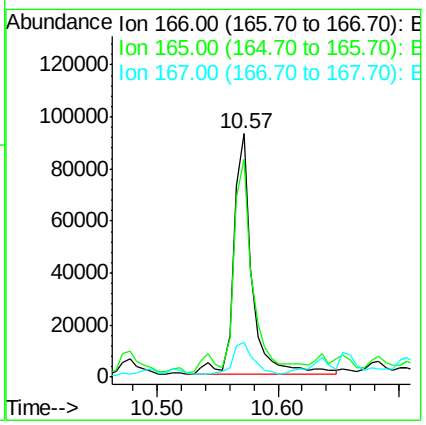


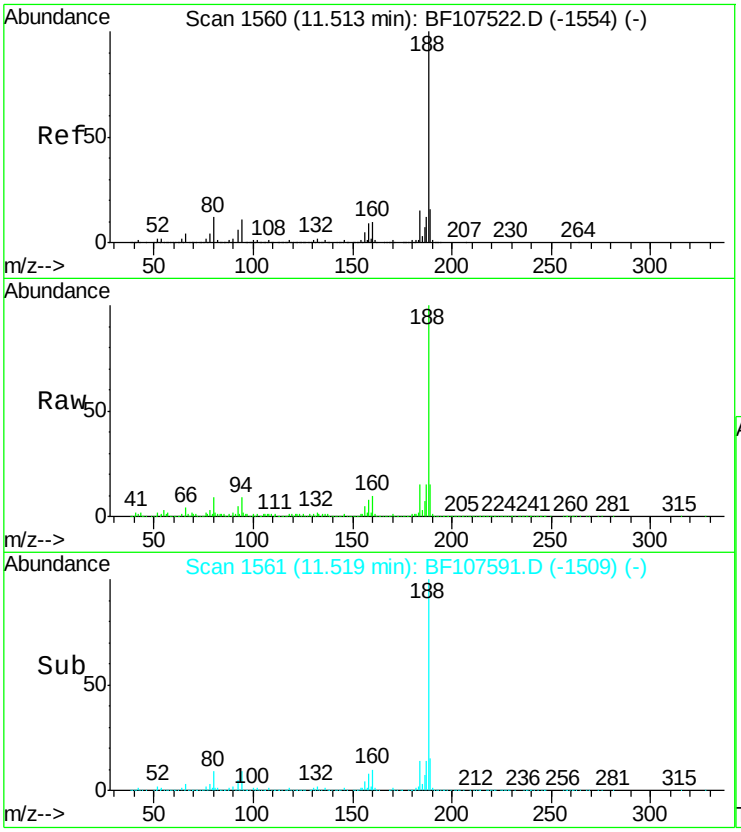


#57
Fluorene
Concen: 3.877 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:166 Resp: 97310

Ion	Ratio	Lower	Upper
166	100		
165	89.4	79.8	119.8
167	14.1	10.6	16.0



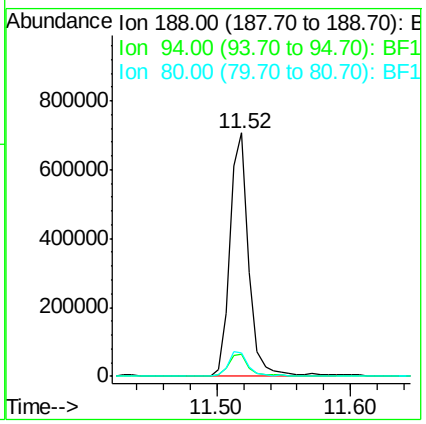


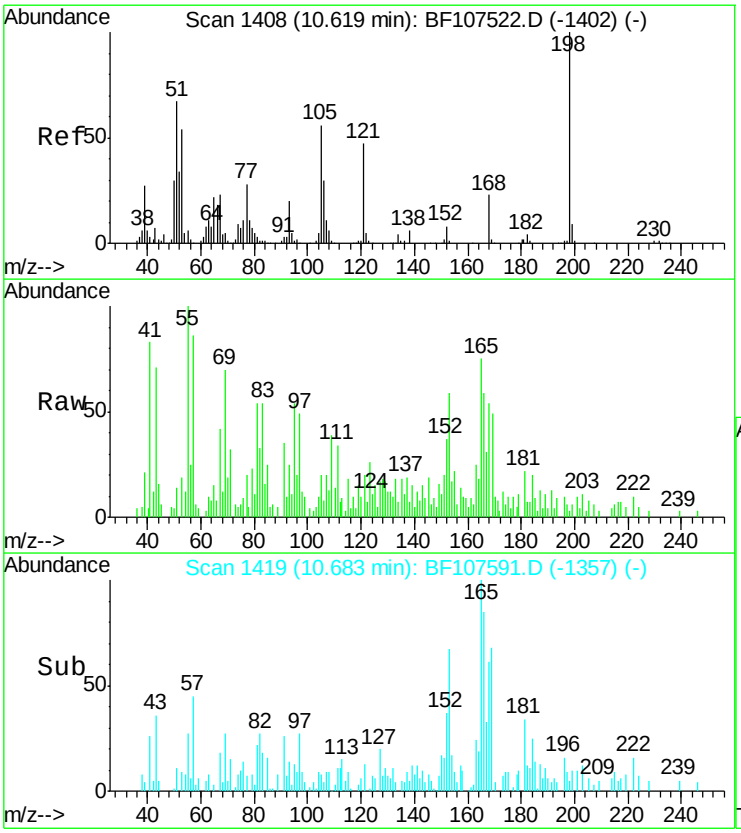
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:188 Resp: 698545

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8

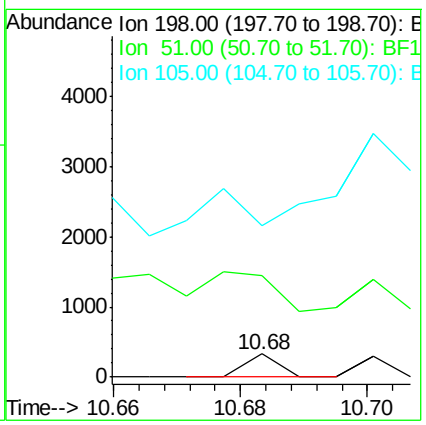


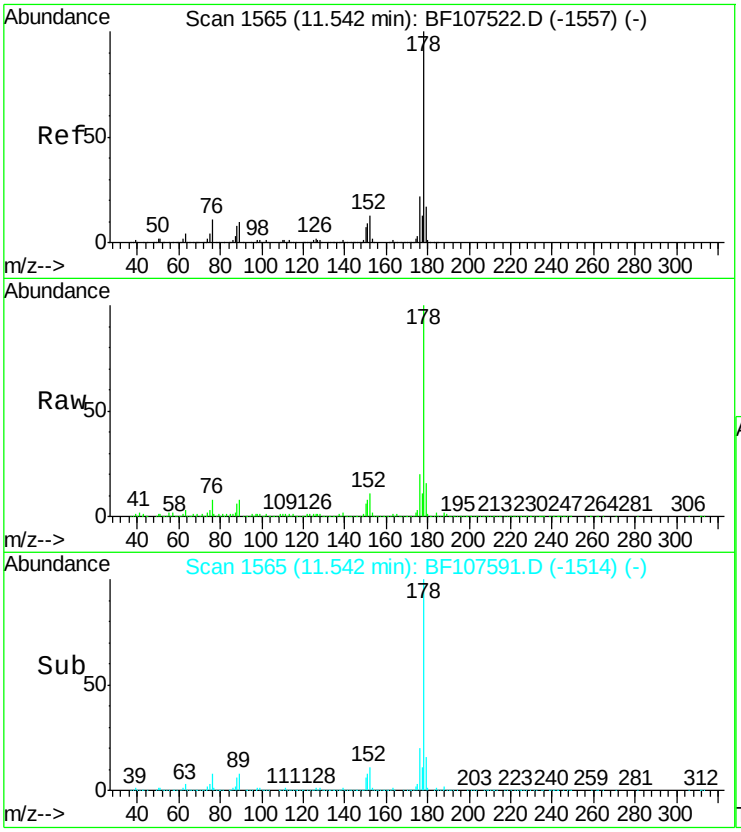


#64
4,6-Dinitro-2-methylphenol
Concen: 8.709 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.07 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:198 Resp: 117

Ion	Ratio	Lower	Upper
198	100		
51	434.9	37.7	77.7#
105	648.2	36.3	76.3#



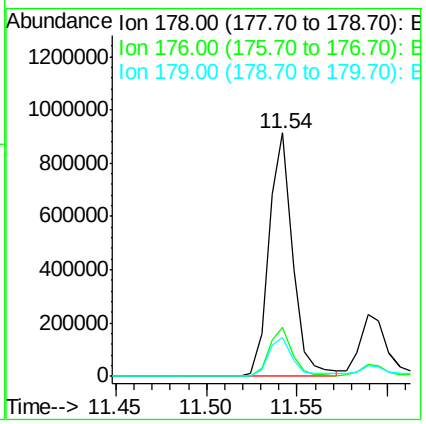


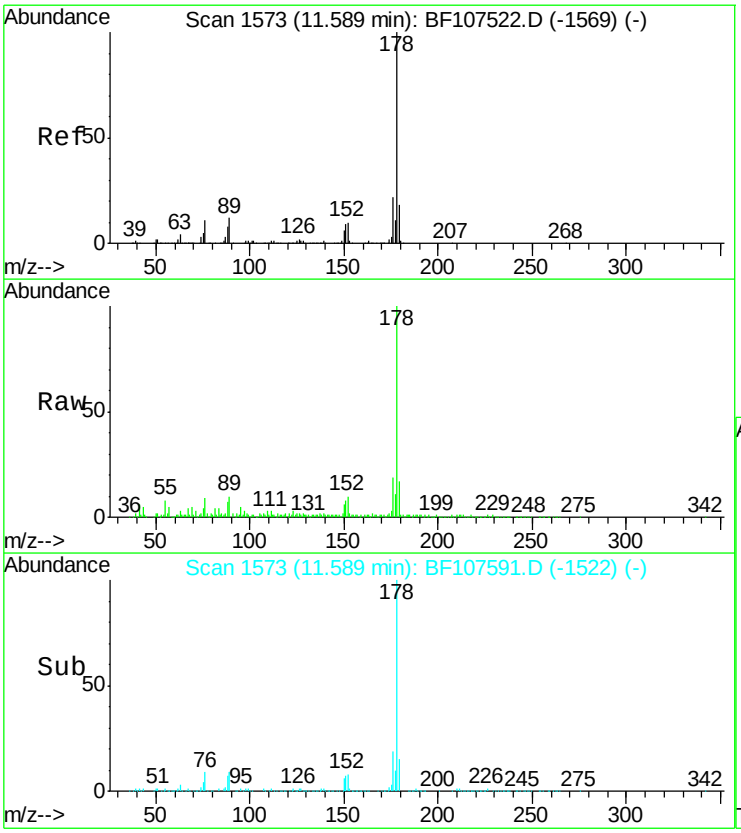
#70
Phenanthrene
Concen: 24.270 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:178 Resp: 826156

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6

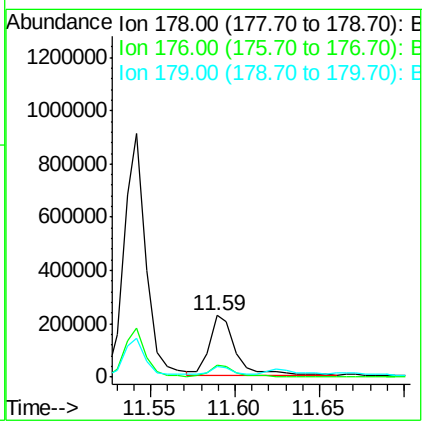


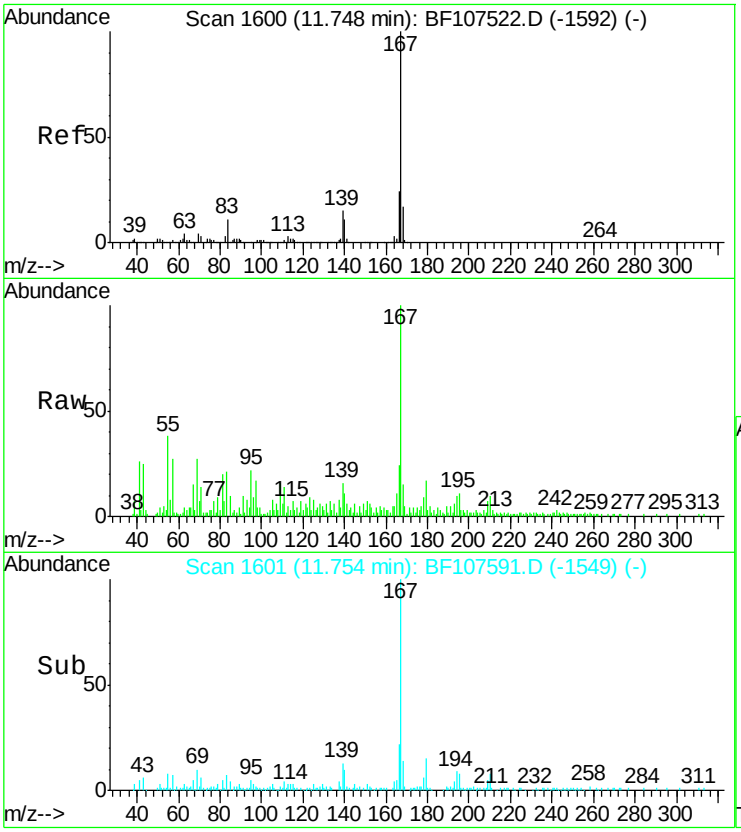


#71
Anthracene
Concen: 7.238 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:178 Resp: 248056

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.7	12.6	19.0



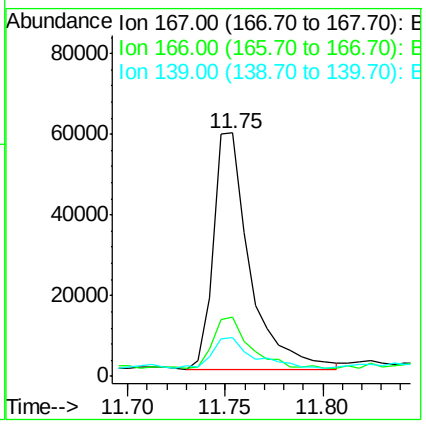


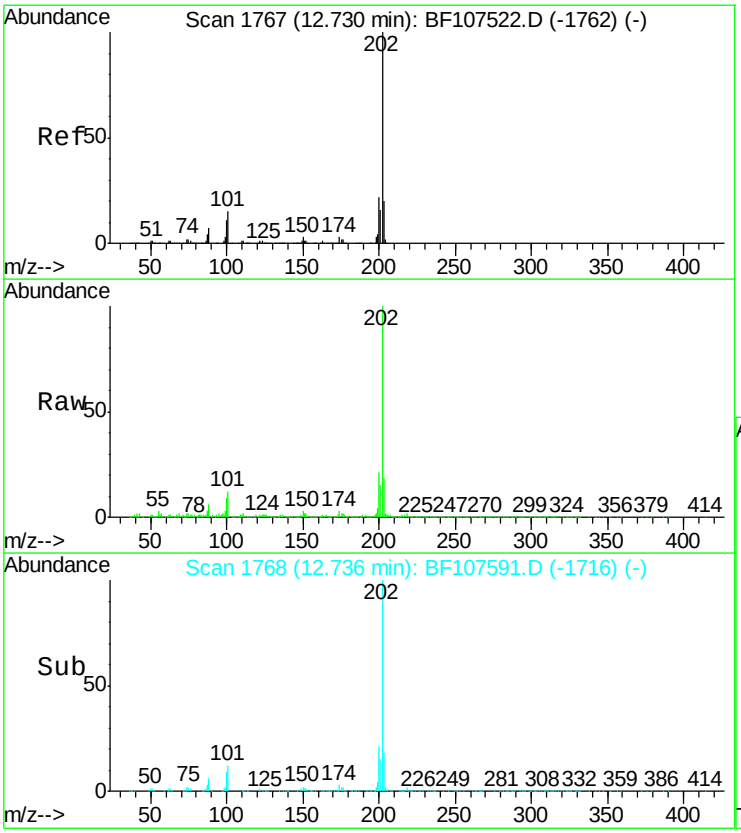
#72
Carbazole
Concen: 2.140 ng
RT: 11.75 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:167 Resp: 76258

Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.6	26.4
139	16.0	10.9	16.3

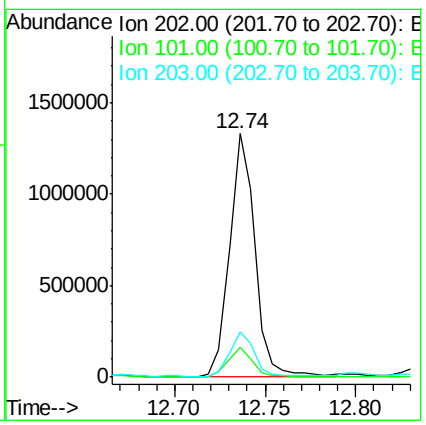


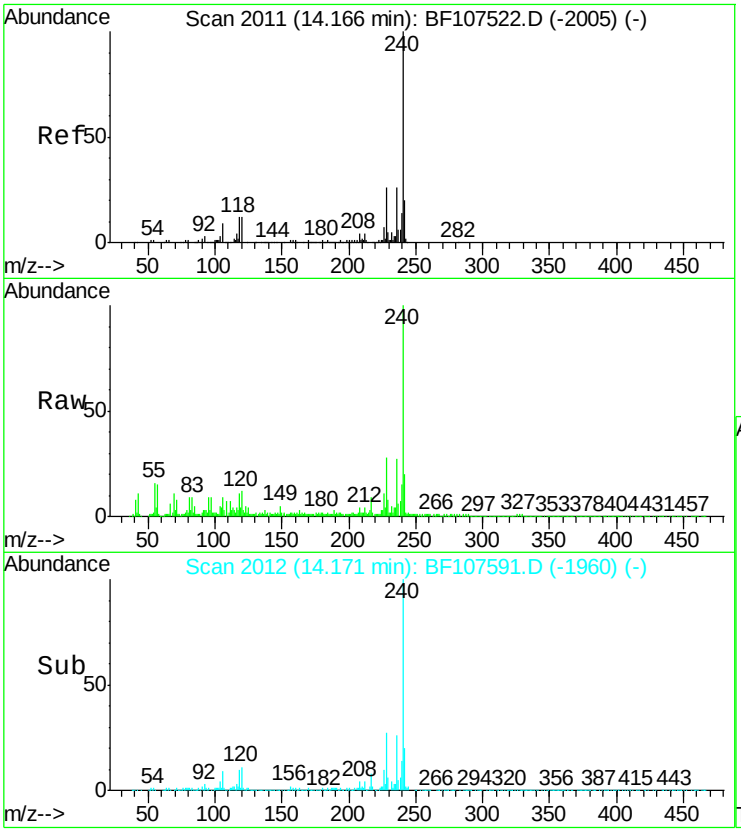


#74
Fluoranthene
Concen: 35.277 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:202 Resp: 1288606

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.7	0.0	38.1



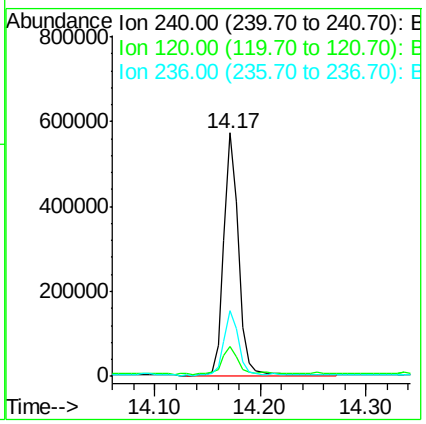


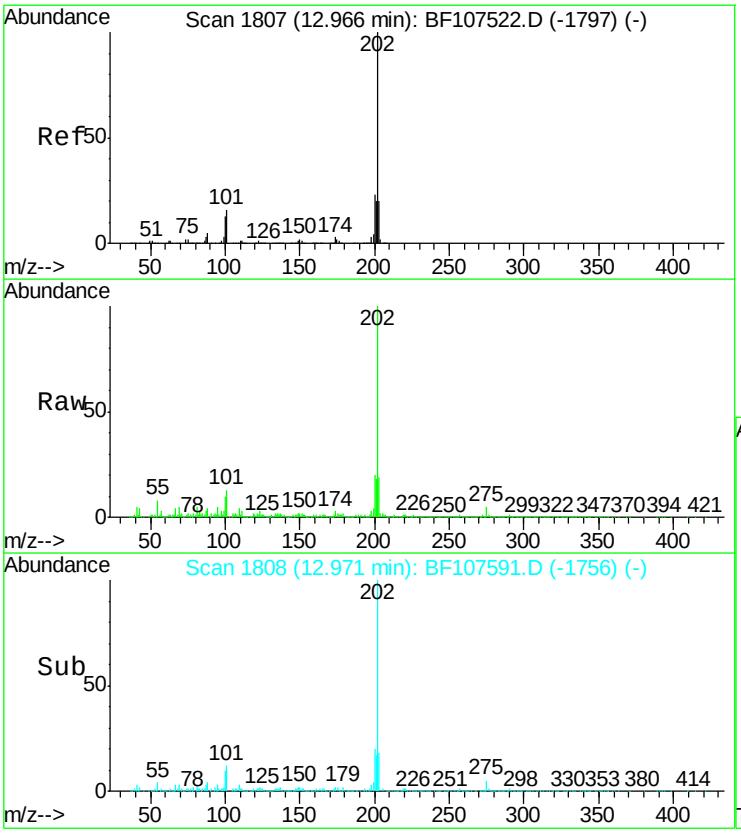
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:240 Resp: 556301

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.8	20.7	31.1

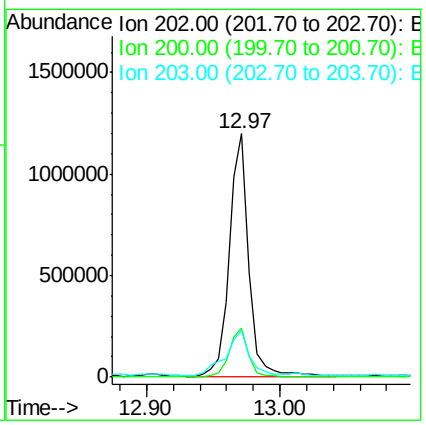


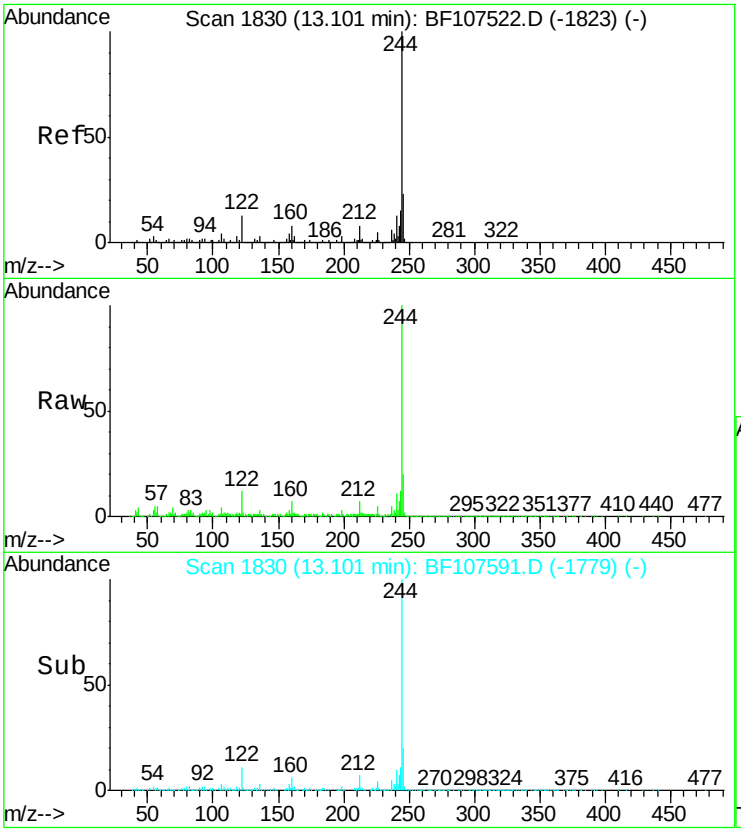


#77
Pyrene
Concen: 32.063 ng
RT: 12.97 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:202 Resp: 1220050

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	19.0	14.3	21.5



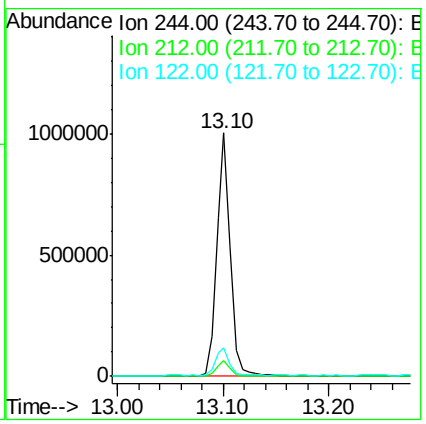


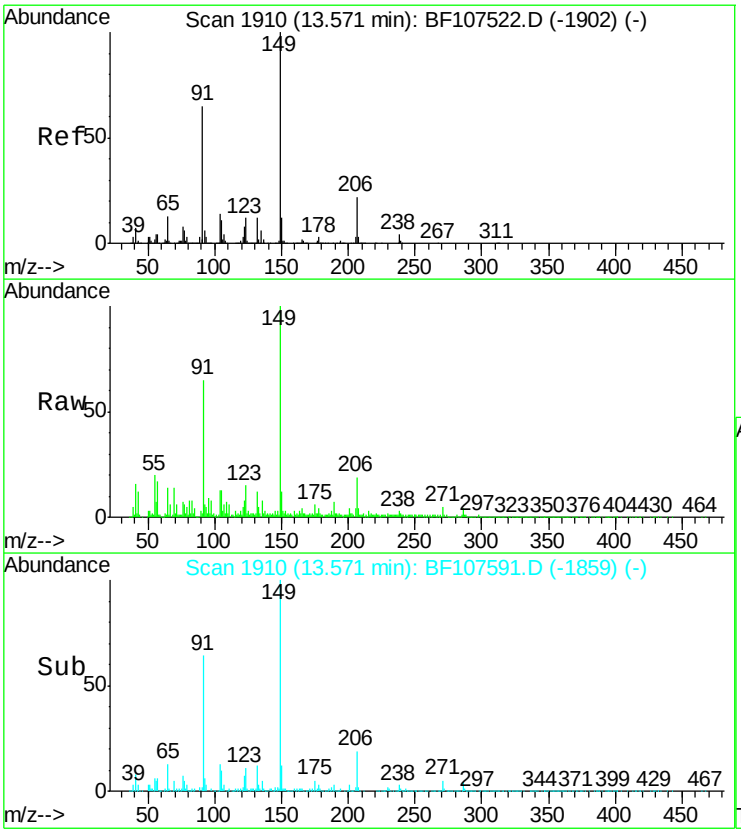
#78
Terphenyl-d14
Concen: 41.549 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:244 Resp: 902839

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4

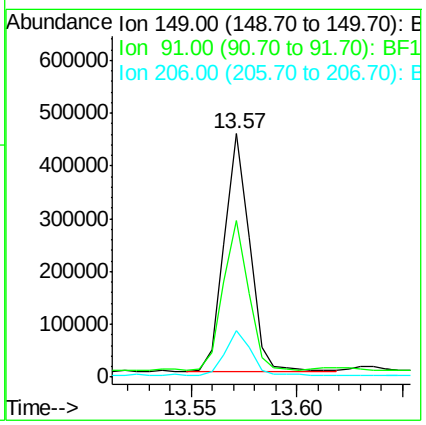


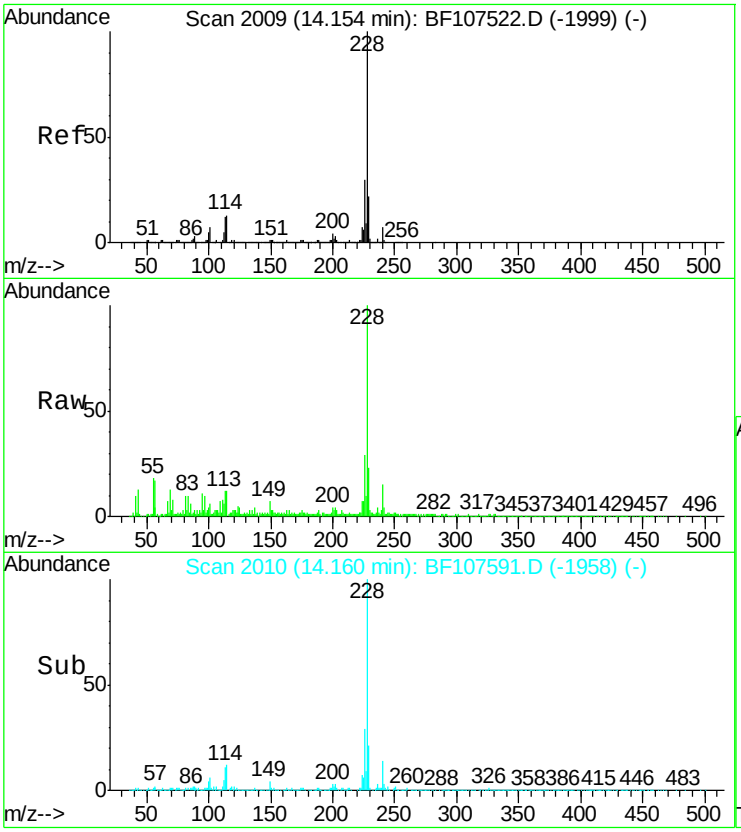


#79
Butylbenzylphthalate
Concen: 22.764 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:149 Resp: 372516

Ion	Ratio	Lower	Upper
149	100		
91	64.5	56.8	85.2
206	19.0	14.1	21.1



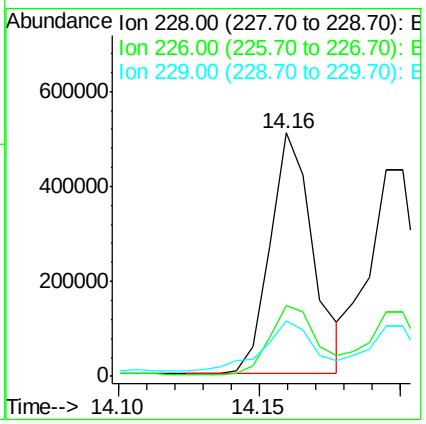


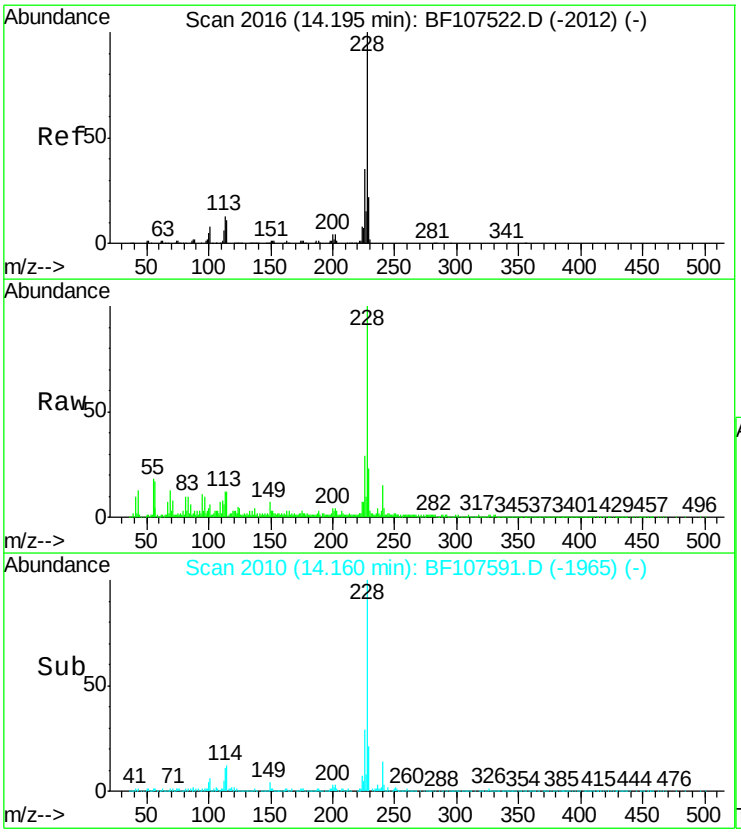
#80
Benzo(a)anthracene
Concen: 16.473 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:228 Resp: 537015

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.6	15.8	23.6

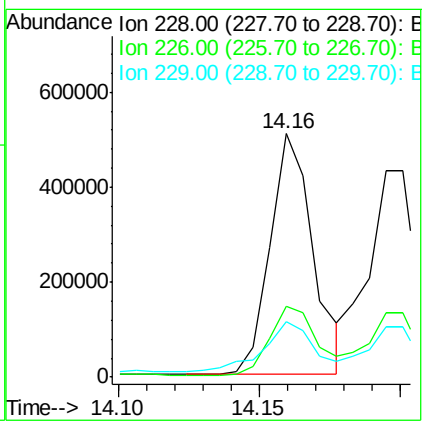


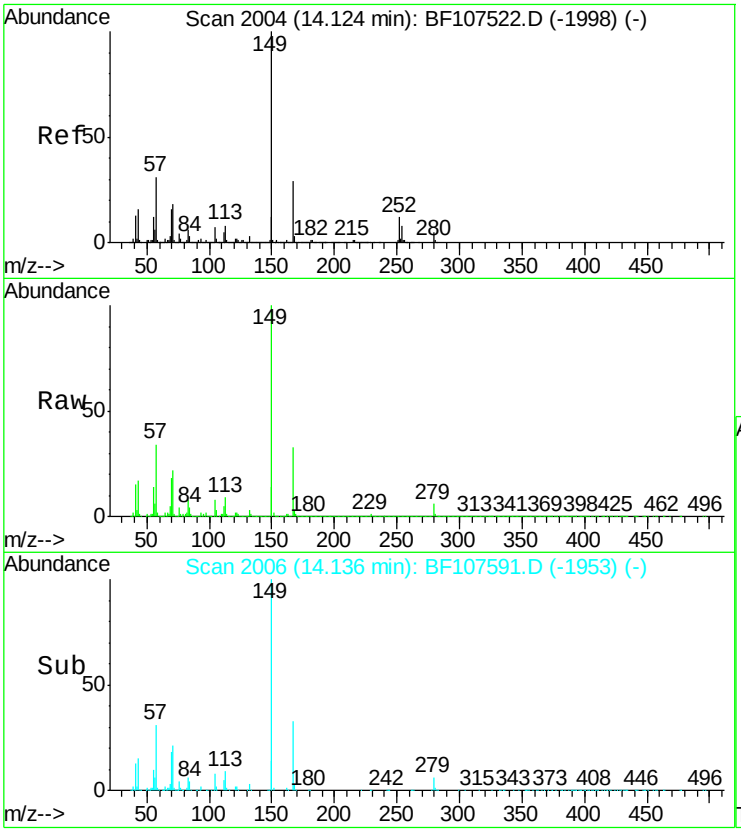


#82
Chrysene
Concen: 17.148 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:228 Resp: 537015

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.6	16.2	24.4



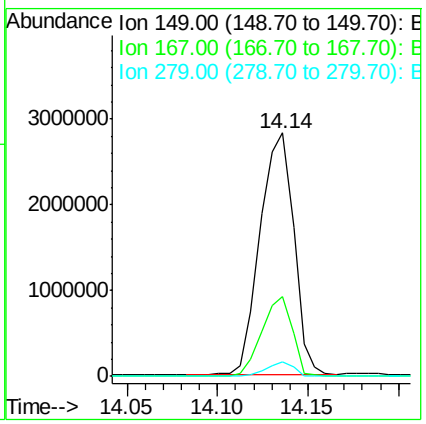


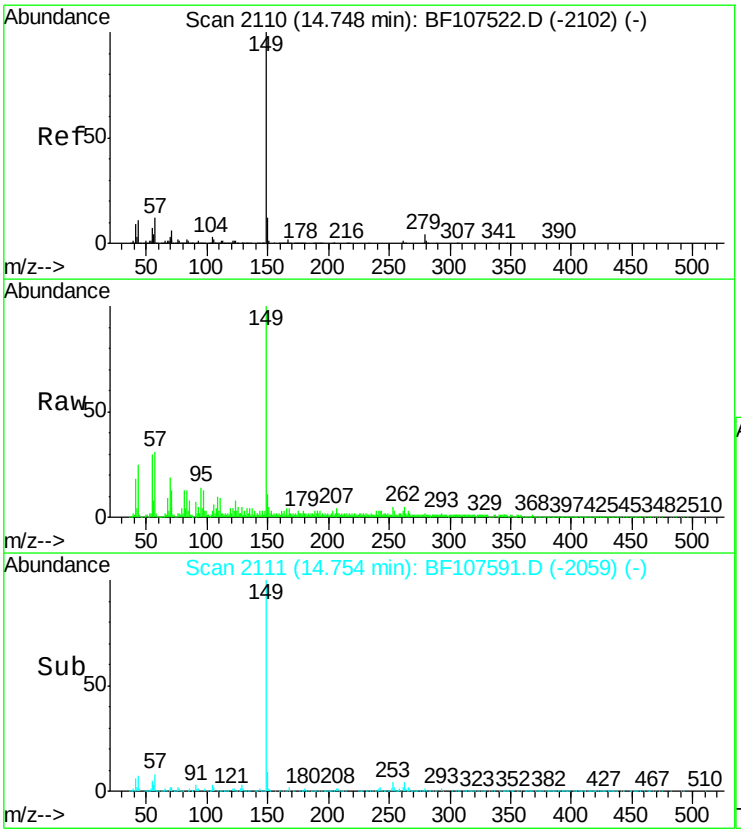
#83
Bis(2-ethylhexyl)phthalate
Concen: 159.197 ng
RT: 14.14 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:149 Resp: 3675829

Ion	Ratio	Lower	Upper
149	100		
167	32.6	21.3	31.9#
279	5.7	3.0	4.4#

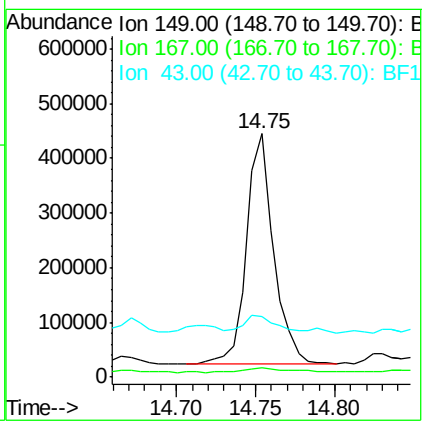


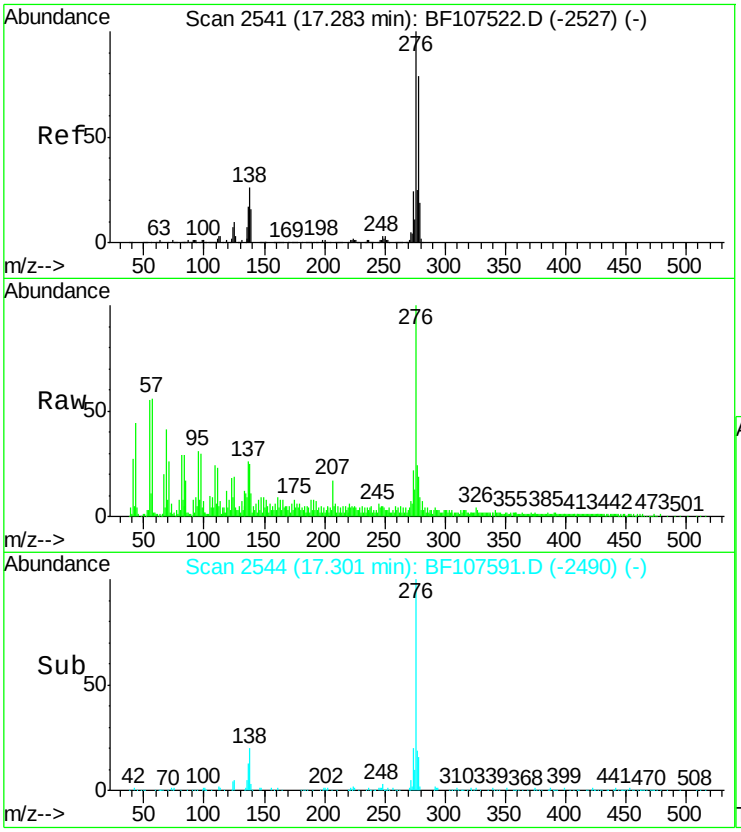


#84
Di-n-octyl phthalate
Concen: 14.007 ng
RT: 14.75 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:149 Resp: 502709

Ion	Ratio	Lower	Upper
149	100		
167	3.3	1.2	1.8#
43	7.0	8.4	12.6#



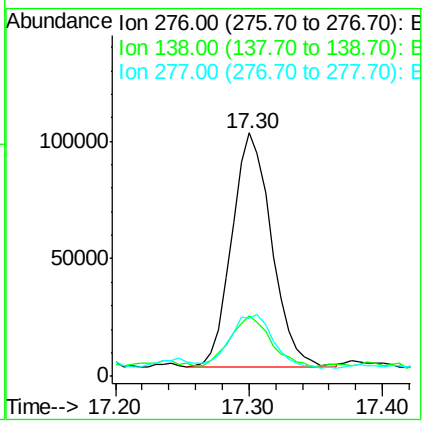


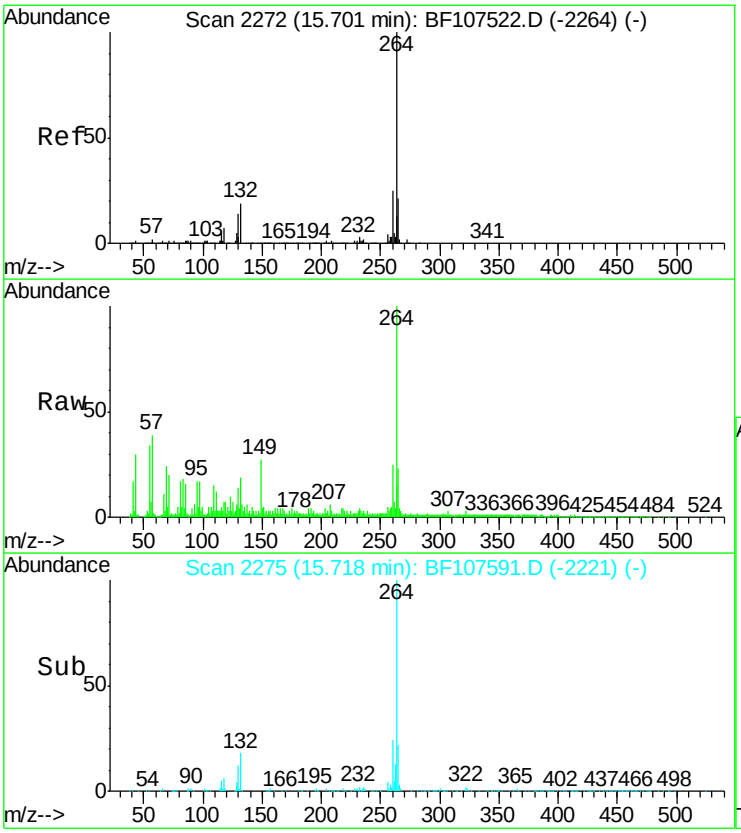
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.737 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:276 Resp: 205346

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.5	20.1	30.1

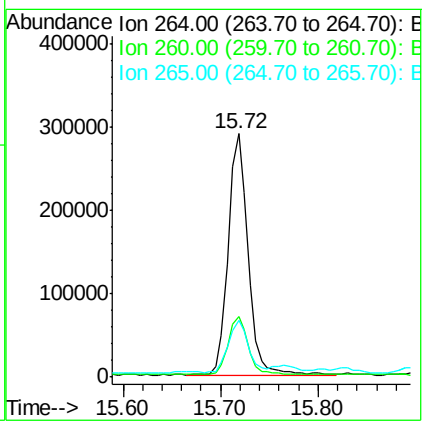


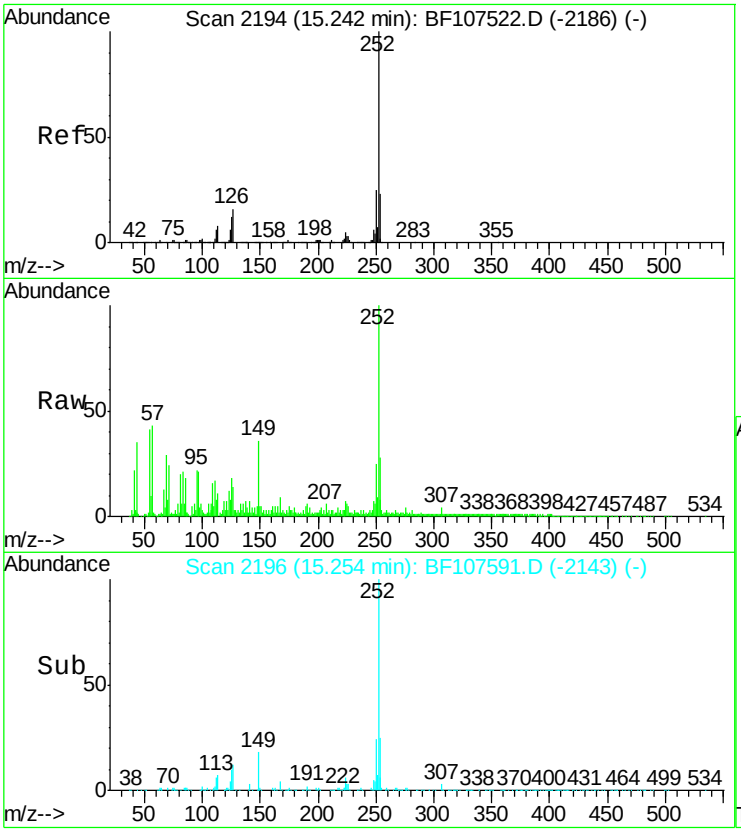


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:264 Resp: 409972

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.4	17.5	26.3



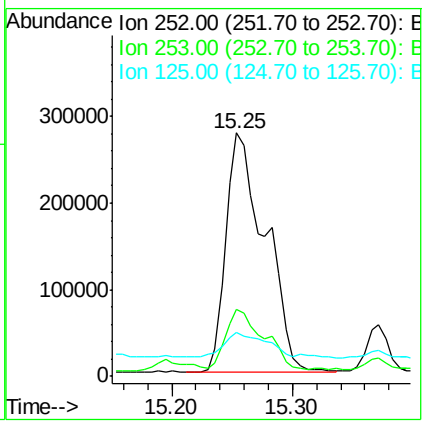


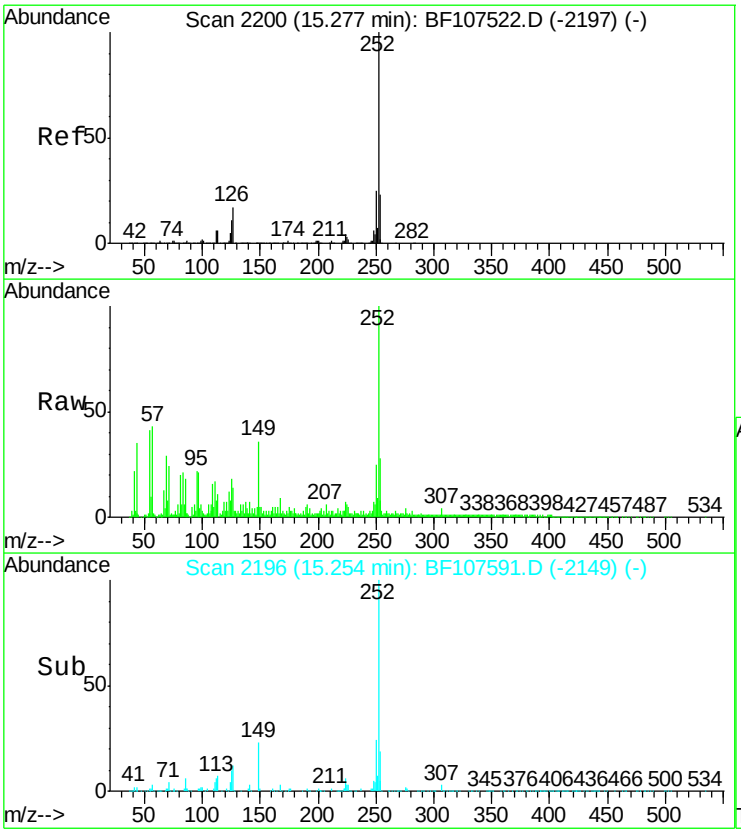
#87
Benzo(b)fluoranthene
Concen: 27.973 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:252 Resp: 627637

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.6#
125	18.1	9.0	13.6#

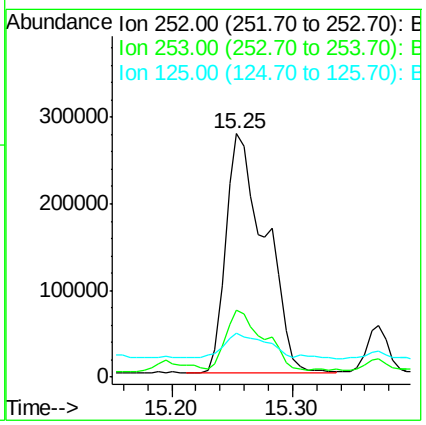


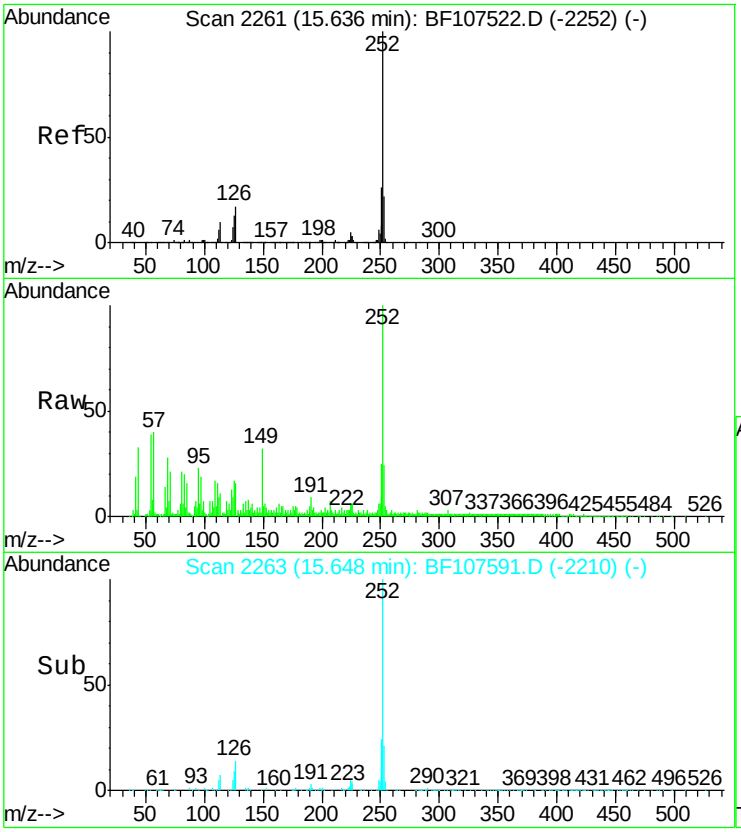


#88
Benzo(k)fluoranthene
Concen: 28.552 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:252 Resp: 627637

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.9	26.9#
125	18.1	10.2	15.2#



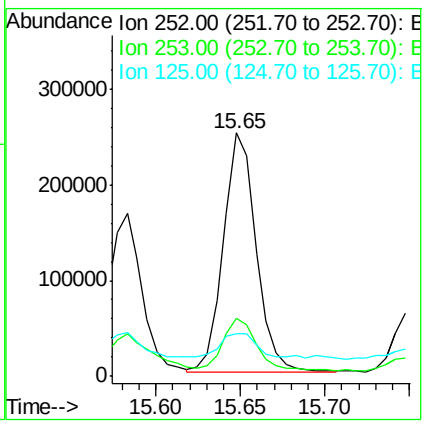


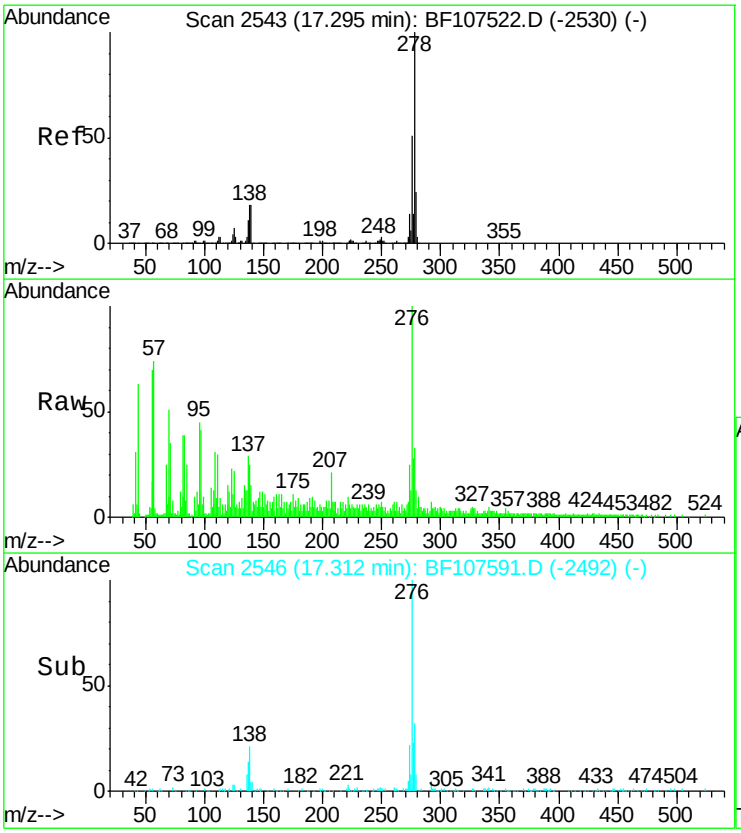
#89
Benzo(a)pyrene
Concen: 16.428 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:252 Resp: 337176

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	17.5	9.8	14.6#

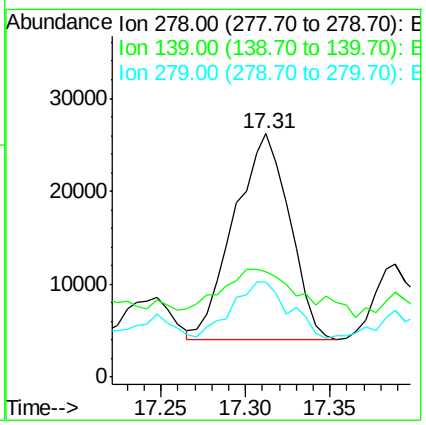


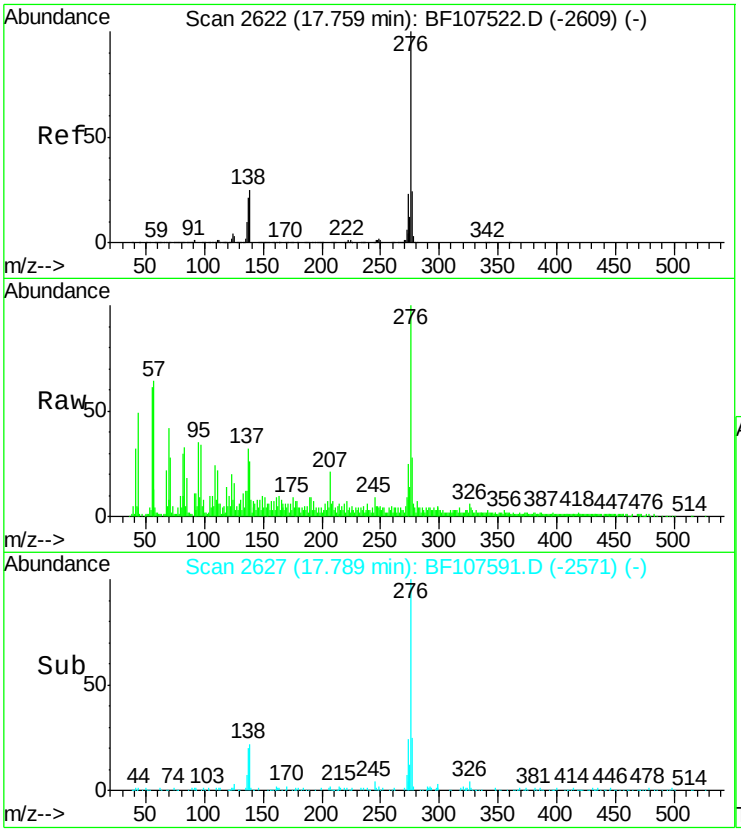


#90
Dibenzo(a,h)anthracene
Concen: 2.848 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:278 Resp: 50526

Ion	Ratio	Lower	Upper
278	100		
139	43.5	15.9	23.9#
279	38.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.021 ng
RT: 17.79 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:276 Resp: 210361

Ion	Ratio	Lower	Upper
276	100		
277	27.6	17.9	26.9#
138	26.4	21.8	32.8