Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106793.D
Acq On : 26 Jun 2018 00:59
Operator : JU/SJ
Sample : J3241-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 26 02:12:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47712	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	170987	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	77076	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	144695	20.00	ng		0.00
75) Chrysene-d12	14.15	240	113733	20.00	ng		-0.01
86) Perylene-d12	15.69	264	85274	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	118702	42.13	ng		0.00
7) Phenol-d6	6.60	99	148136	42.10	ng		-0.02
23) Nitrobenzene-d5	7.52	82	82240	26.73	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	36333	40.67	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	163612	25.63	ng		-0.01
78) Terphenyl-d14	13.08	244	191147	40.71	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.27	128	38394	4.803	ng		99
32) Benzoic acid	7.90	122	261	5.869	ng	#	11
37) 2-Methylnaphthalene	8.96	142	24962	4.711	ng		94
49) Dimethylphthalate	9.71	163	25385	4.391	ng	#	96
51) Acenaphthene	10.04	154	43900	9.133	ng		97
54) Dibenzofuran	10.21	168	46832	7.115	ng		95
57) Fluorene	10.55	166	69661	13.337	ng		99
70) Phenanthrene	11.52	178	421944	60.460	ng		99
71) Anthracene	11.57	178	156881	22.023	ng		99
72) Carbazole	11.73	167	29432	4.413	ng		98
74) Fluoranthene	12.72	202	559495	72.736	ng		94
77) Pyrene	12.95	202	479417	63.923	ng		99
80) Benzo(a)anthracene	14.14	228	237874	34.317	ng		98
82) Chrysene	14.18	228	178271	27.955	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	80120	14.805	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	252408	47.650	ng		94
88) Benzo(k)fluoranthene	15.24	252	252408	50.036	ng		95
89) Benzo(a)pyrene	15.62	252	137700	29.241	ng		95
90) Dibenzo(a,h)anthracene	17.28	278	19798	4.961	ng	#	86
91) Benzo(g,h,i)perylene	17.75	276	74547	19.111	ng	#	89

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

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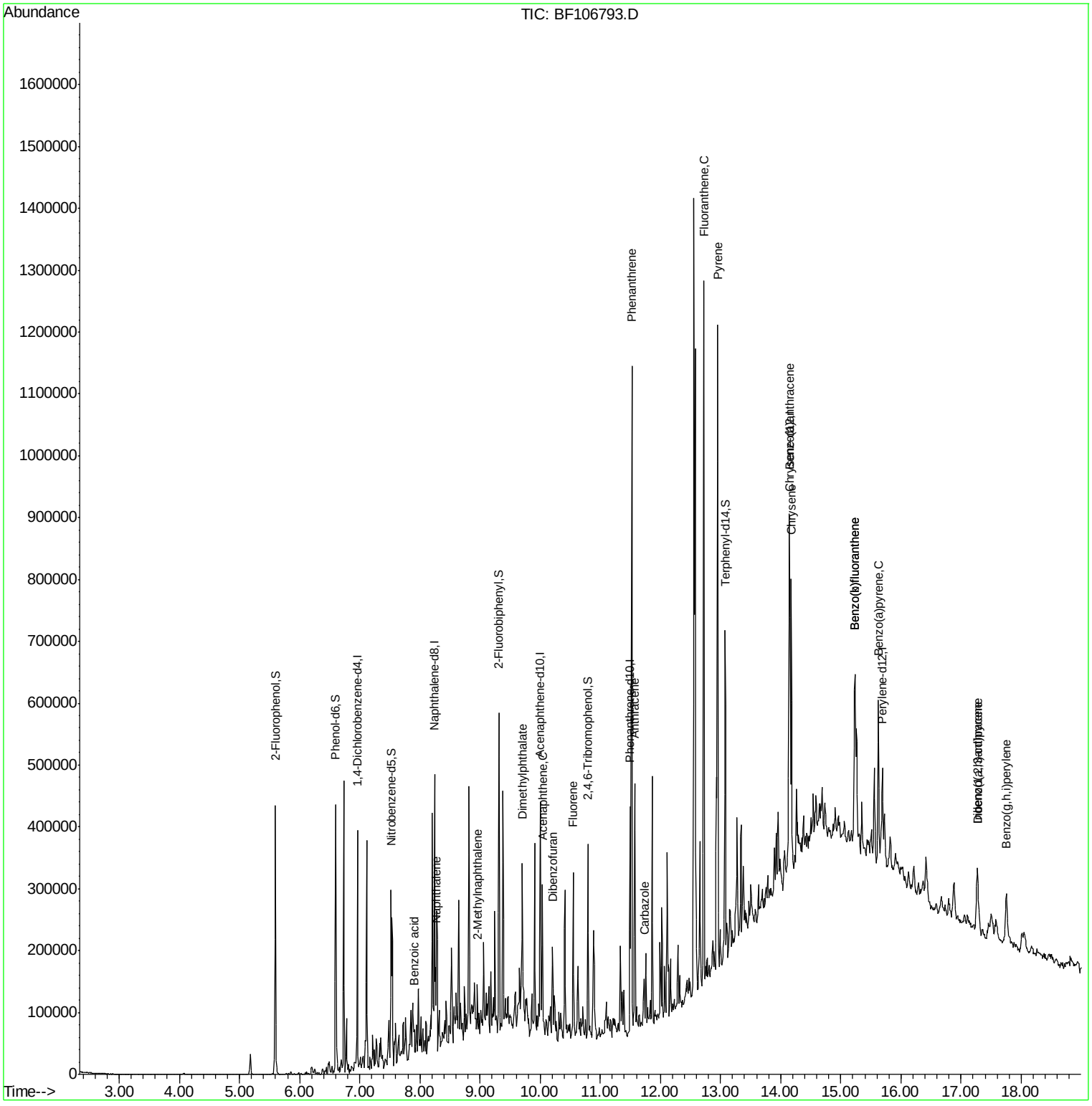
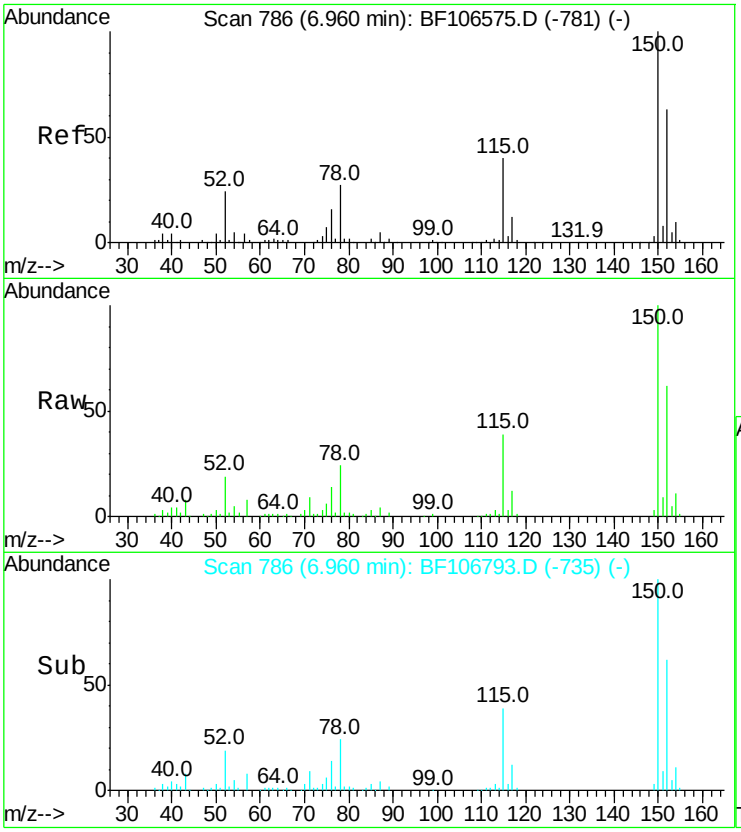


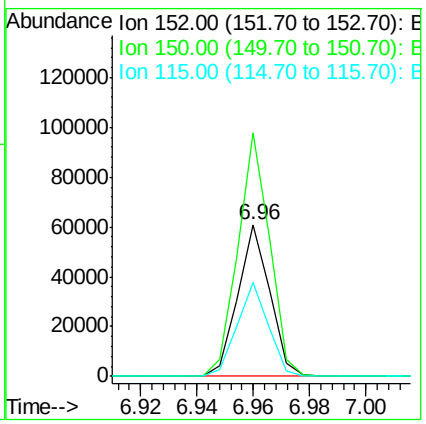


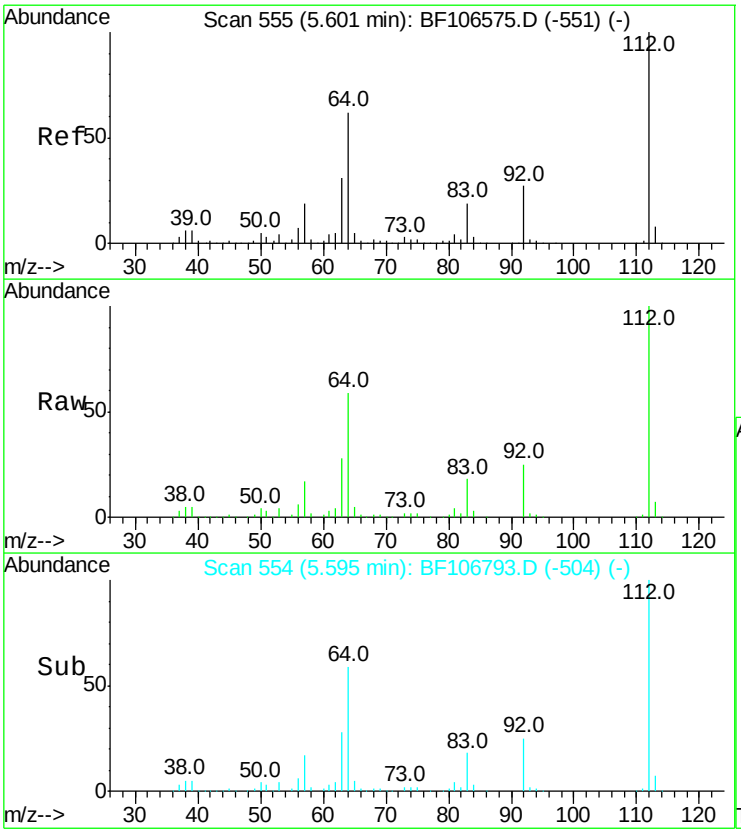
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 47712

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	61.9	50.1	75.1

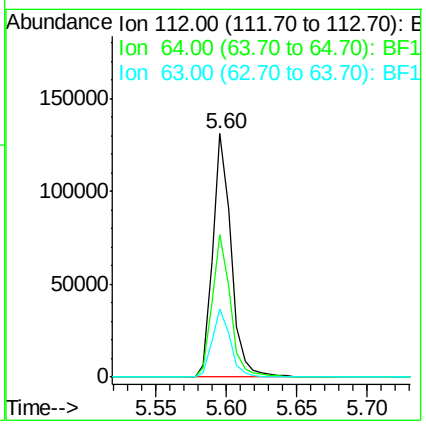


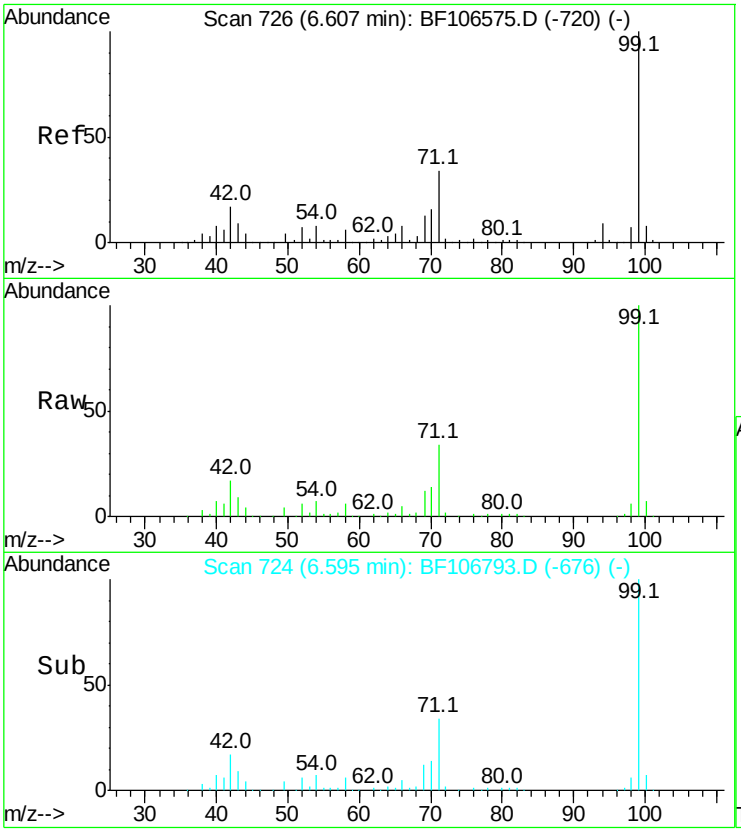


#5
2-Fluorophenol
Concen: 42.128 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:112 Resp: 118702

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	28.1	23.7	35.5

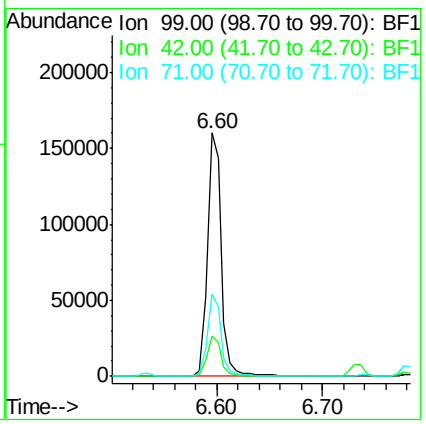




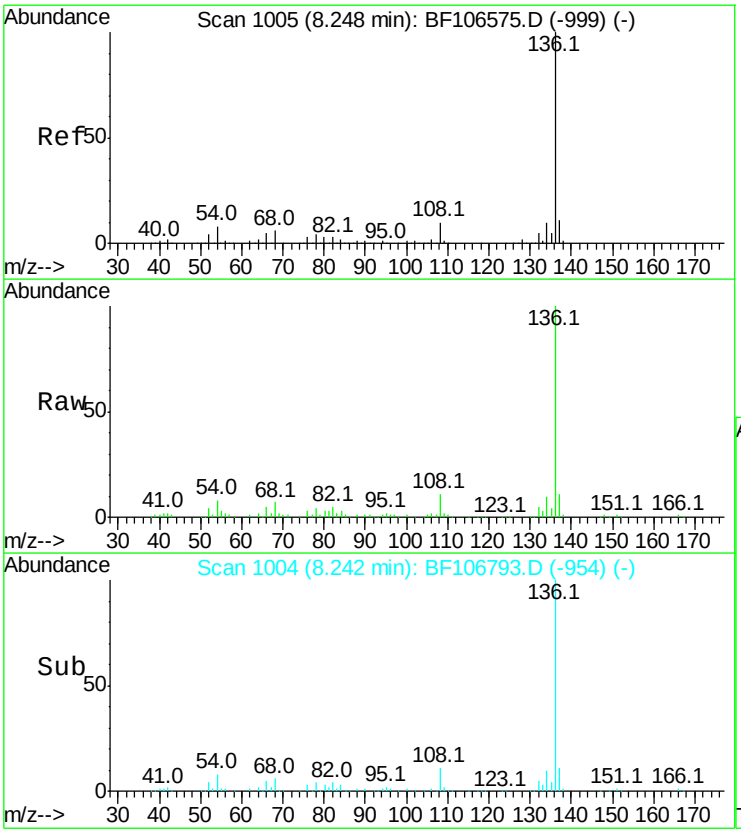
#7
Phenol-d6
Concen: 42.099 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion: 99 Resp: 148136

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	34.1	25.4	38.0



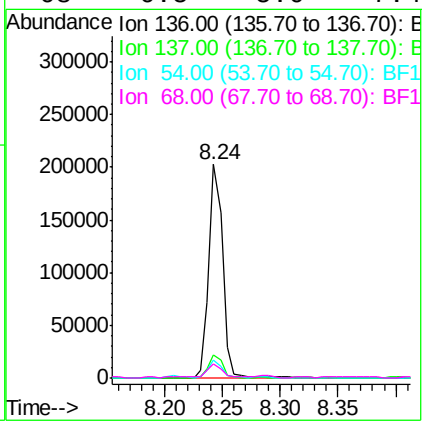
Instrument :
BNA_F
ClientSampleId :

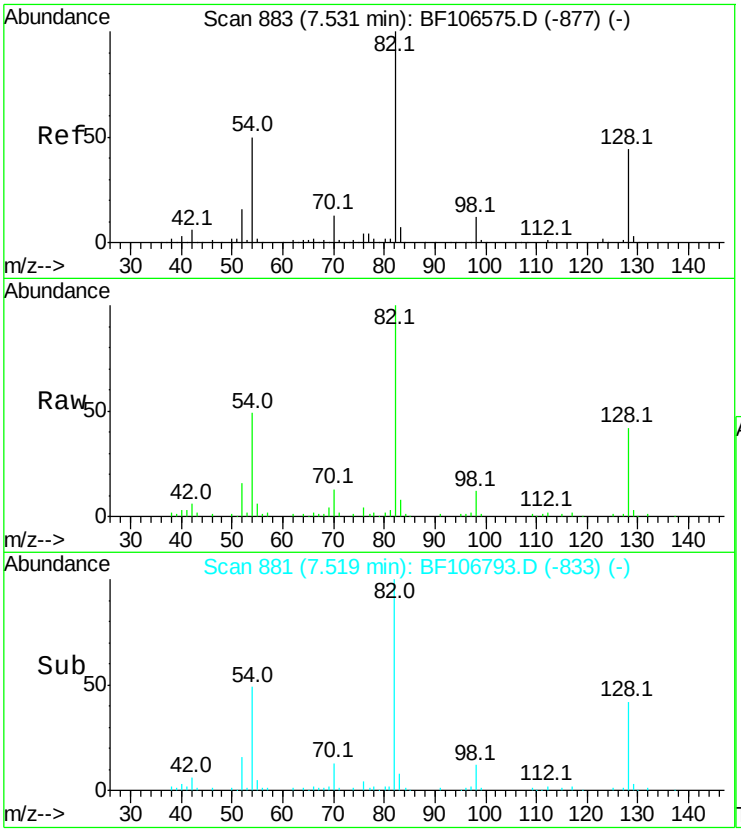


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:136 Resp: 170987

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.5	5.0	7.4



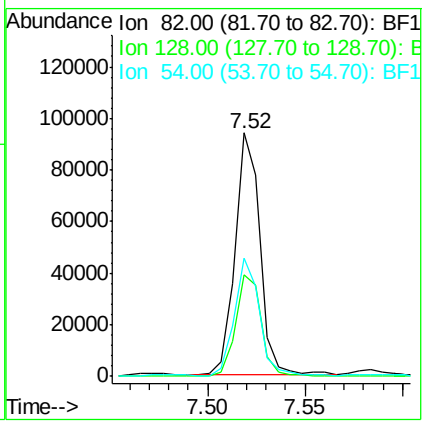


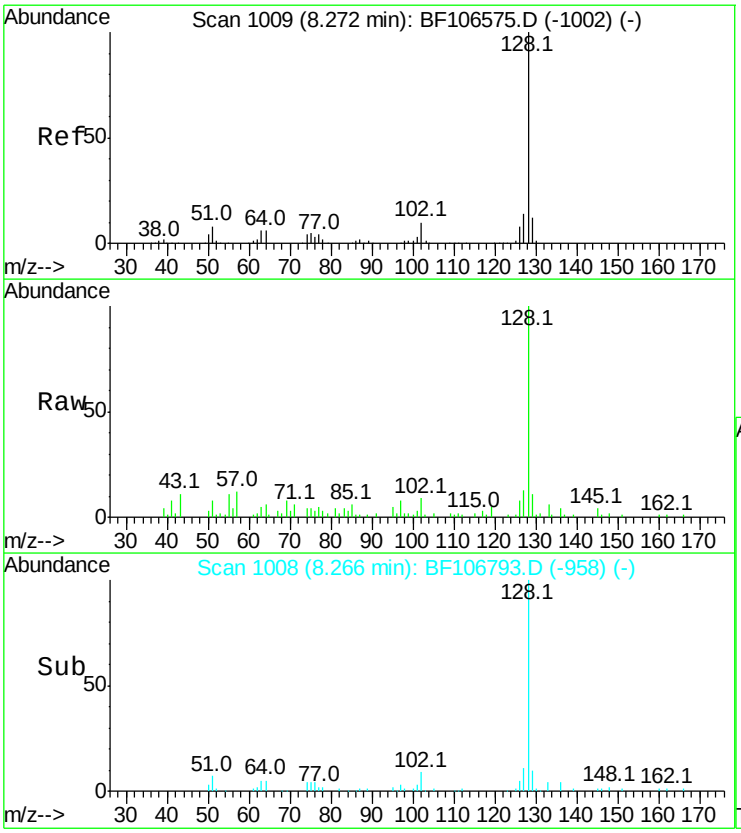
#23
Nitrobenzene-d5
Concen: 26.729 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 82240

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	48.8	41.4	62.2

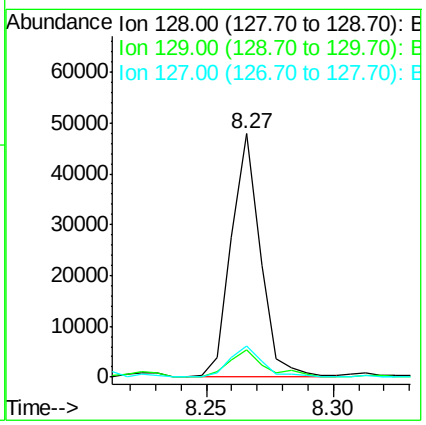


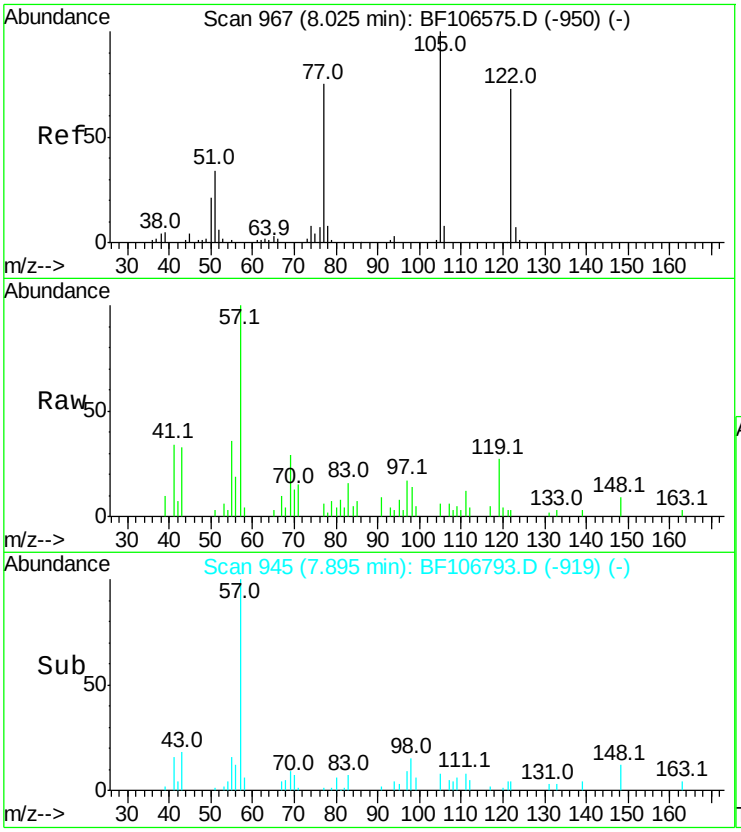


#31
Naphthalene
Concen: 4.803 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:128 Resp: 38394

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.9	16.3



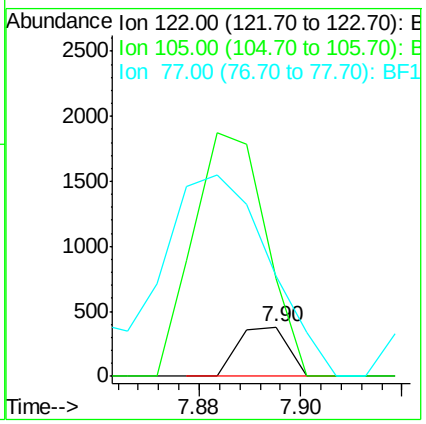


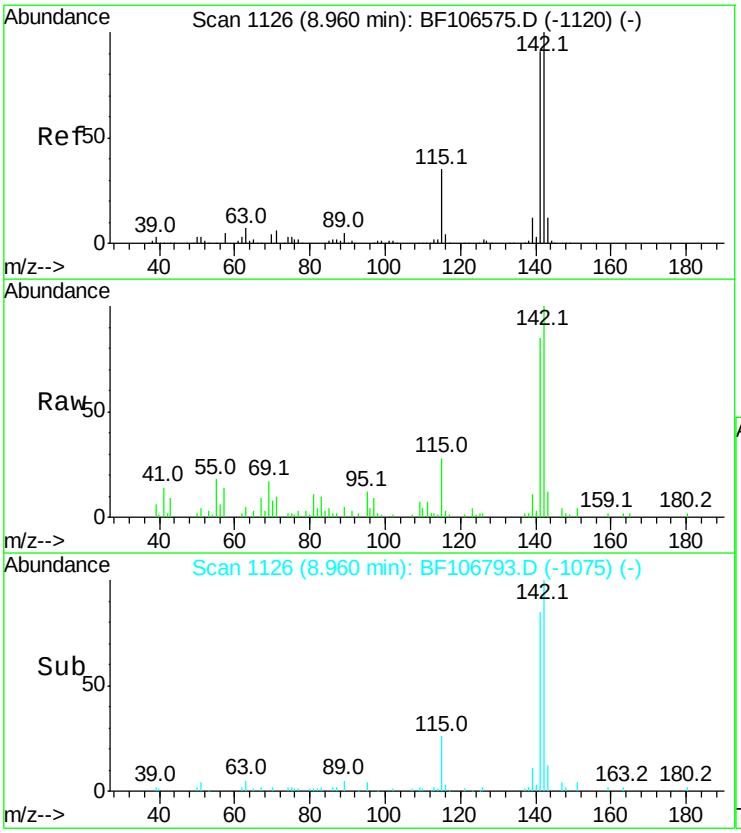
#32
Benzoic acid
Concen: 5.869 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.15 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 261

Ion	Ratio	Lower	Upper
122	100		
105	196.3	101.1	141.1#
77	202.1	70.7	110.7#

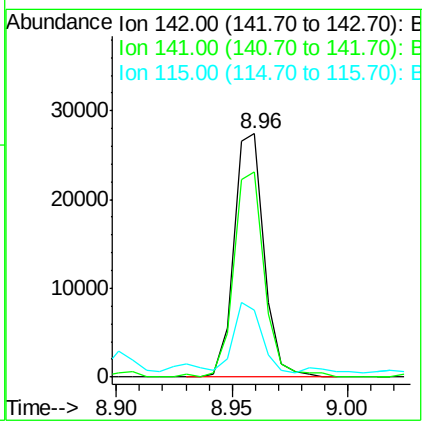


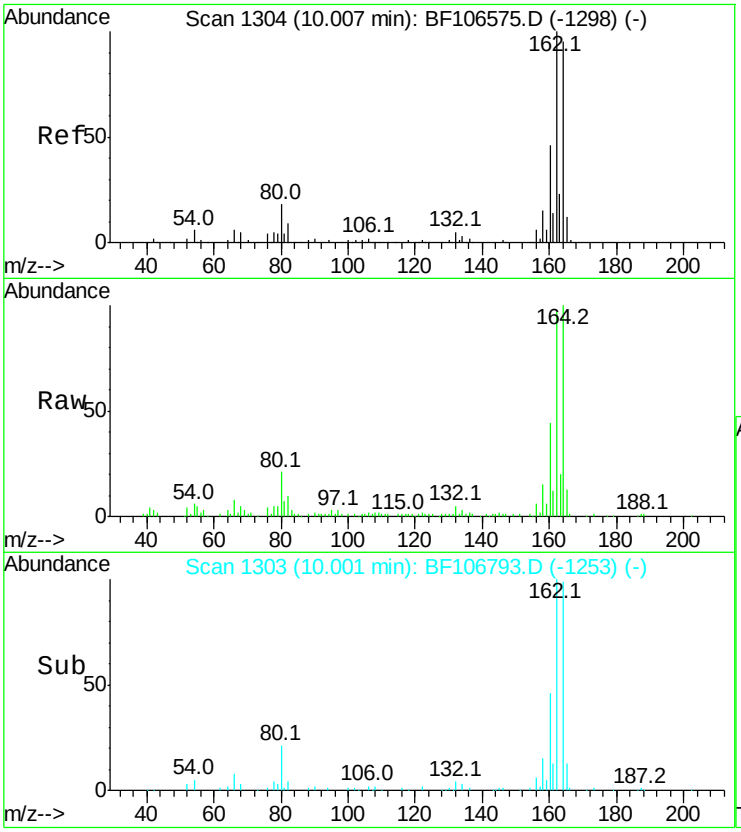


#37
2-Methylnaphthalene
Concen: 4.711 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:142 Resp: 24962

Ion	Ratio	Lower	Upper
142	100		
141	84.5	70.8	106.2
115	27.5	26.1	39.1



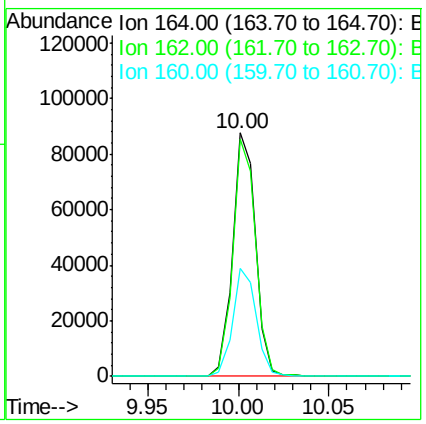


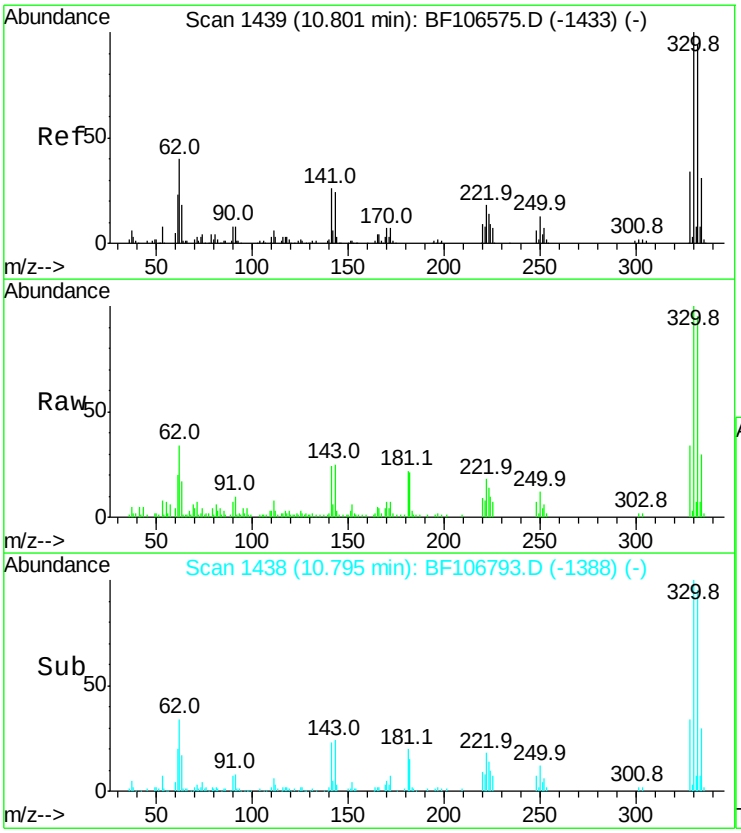
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 77076

Ion	Ratio	Lower	Upper
164	100		
162	97.3	86.1	129.1
160	44.3	38.3	57.5

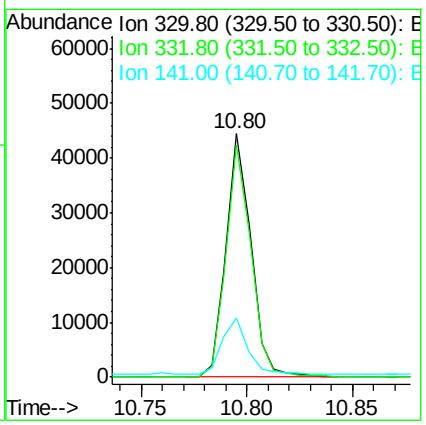


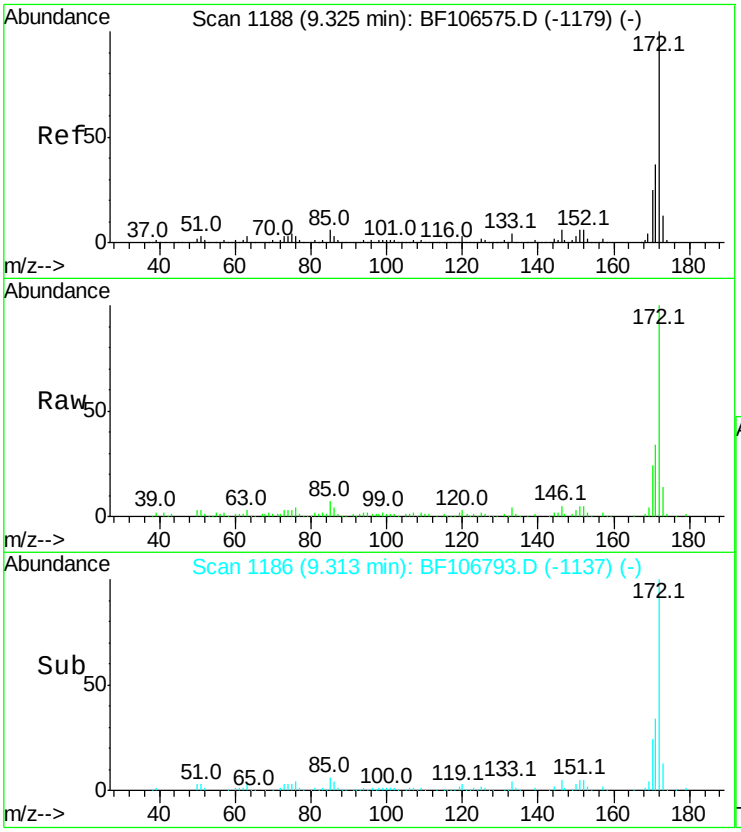


#41
2,4,6-Tribromophenol
Concen: 40.671 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:330 Resp: 36333

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	24.2	29.9	44.9#



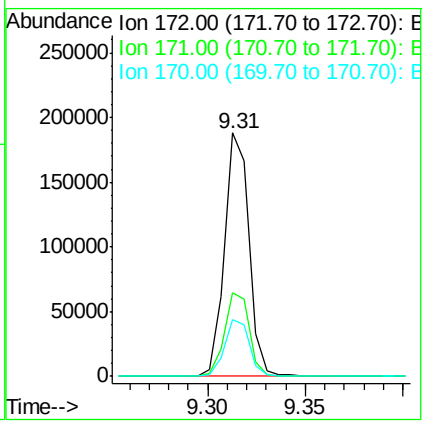


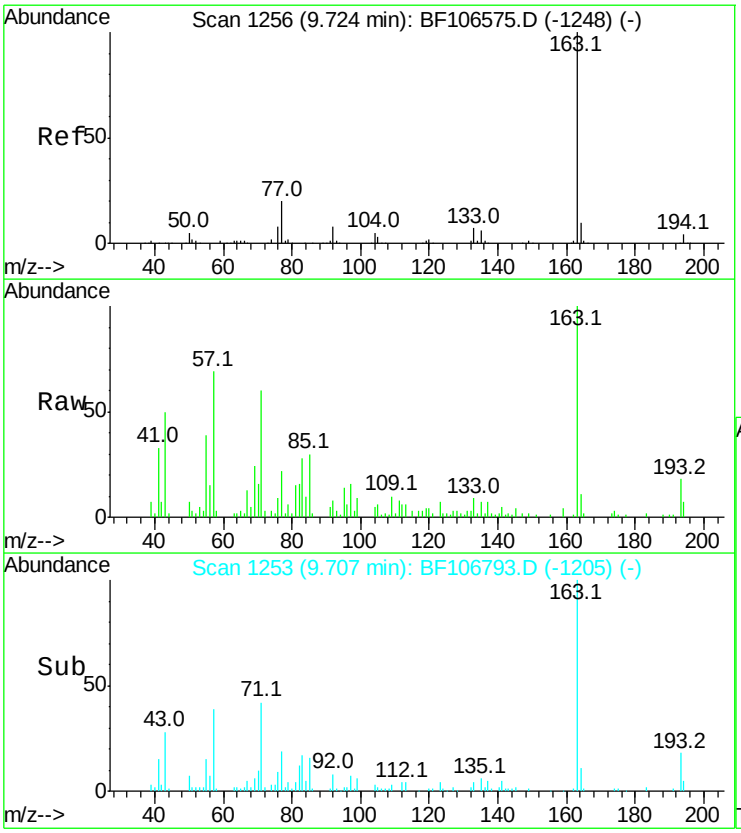
#44
2-Fluorobiphenyl
Concen: 25.626 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 163612

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.5	19.6	29.4

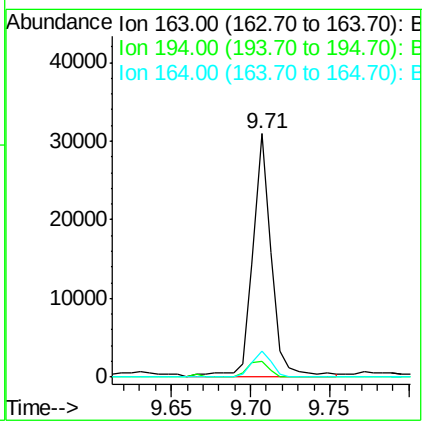


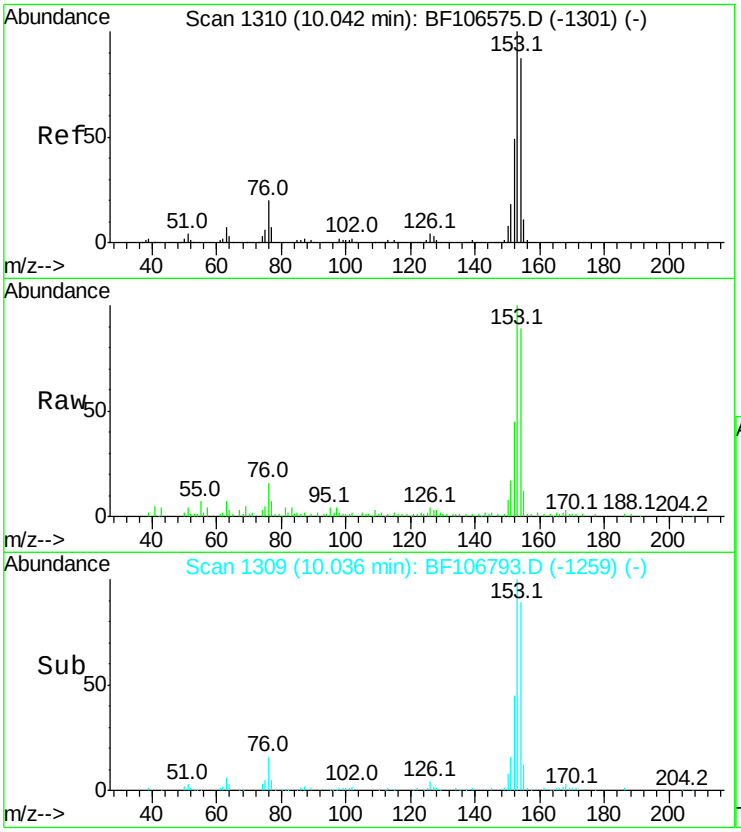


#49
Dimethylphthalate
Concen: 4.391 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:163 Resp: 25385

Ion	Ratio	Lower	Upper
163	100		
194	6.6	2.7	4.1#
164	10.9	8.2	12.2



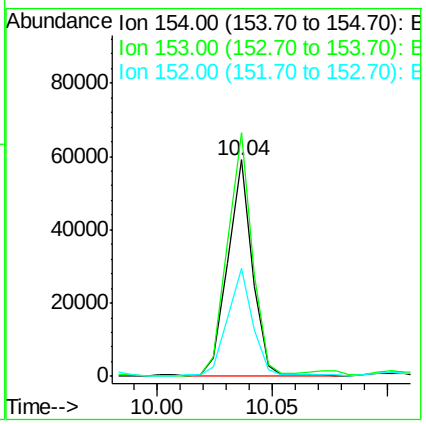


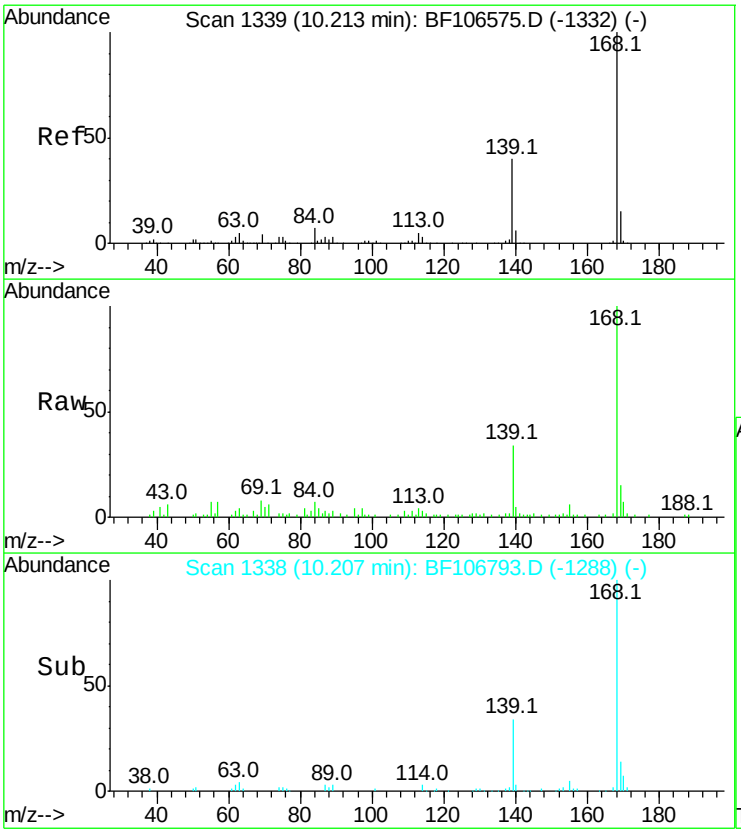
#51
Acenaphthene
Concen: 9.133 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 43900

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	50.1	43.8	65.8

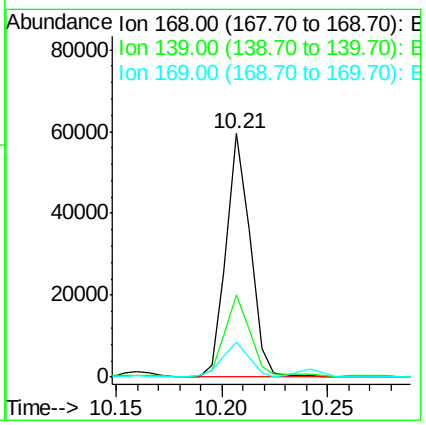


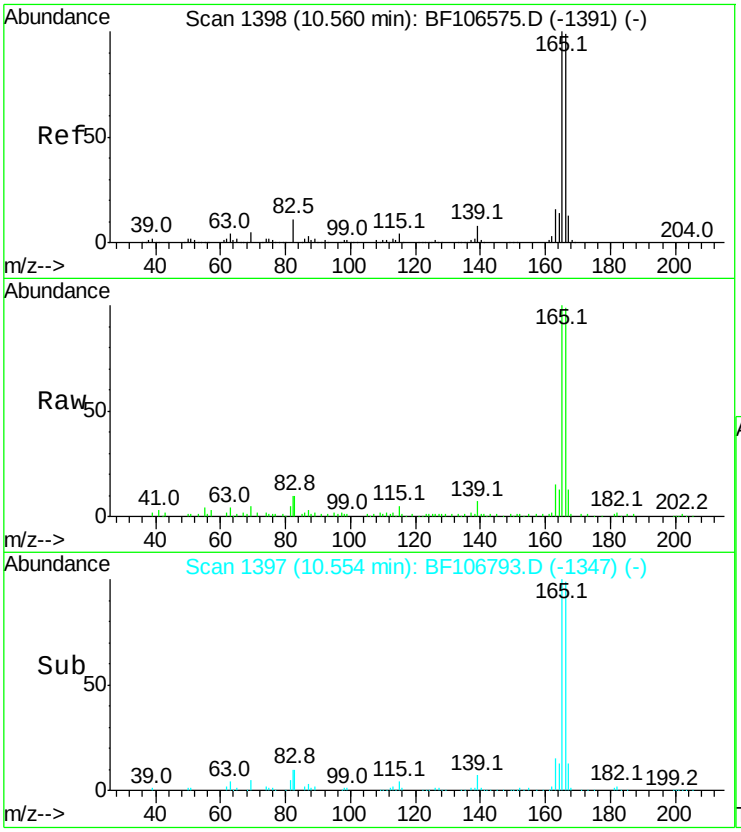


#54
Dibenzofuran
Concen: 7.115 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:168 Resp: 46832

Ion	Ratio	Lower	Upper
168	100		
139	34.1	30.1	45.1
169	14.5	10.9	16.3



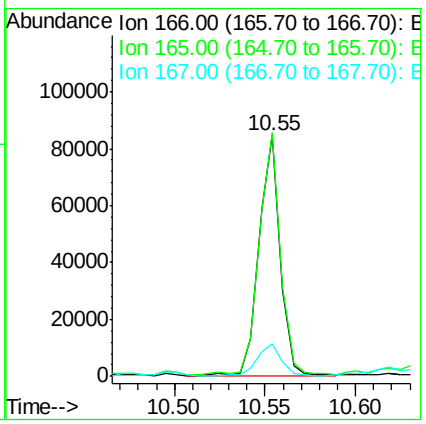


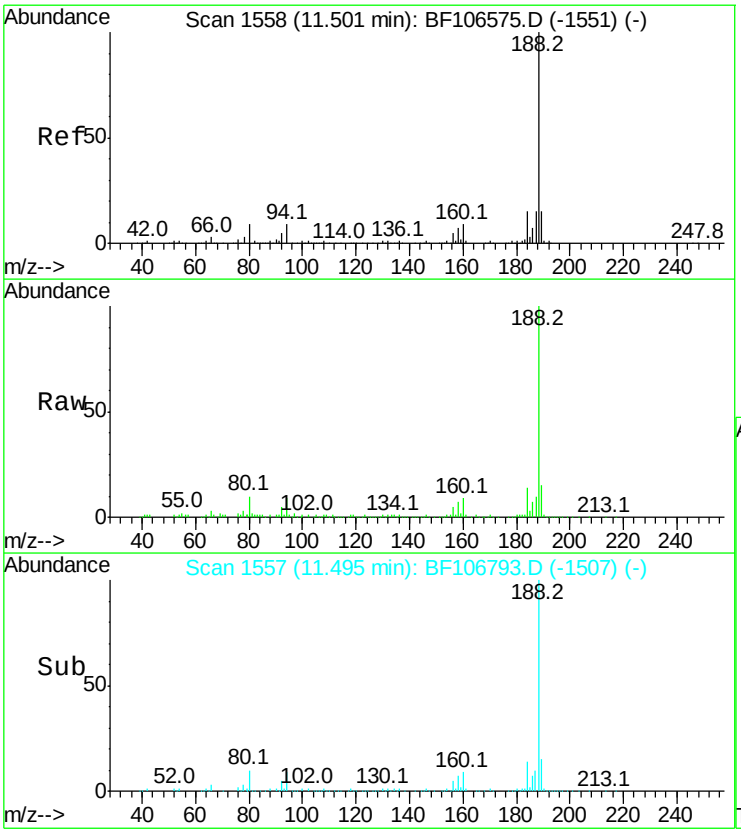
#57
Fluorene
Concen: 13.337 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 69661

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	13.4	10.6	16.0

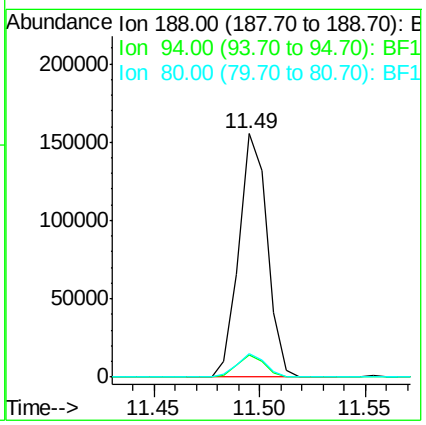


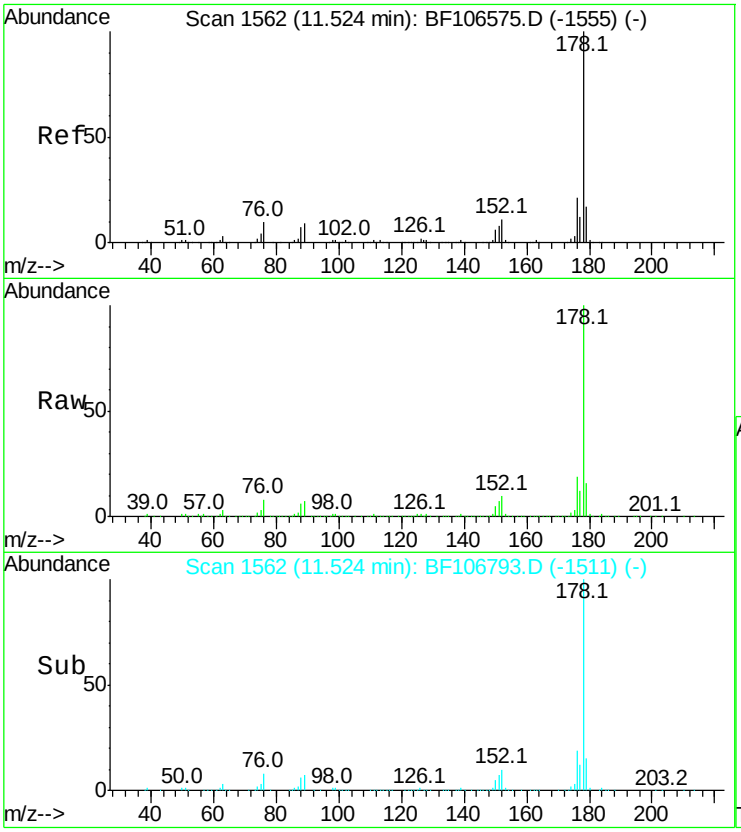


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:188 Resp: 144695

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8



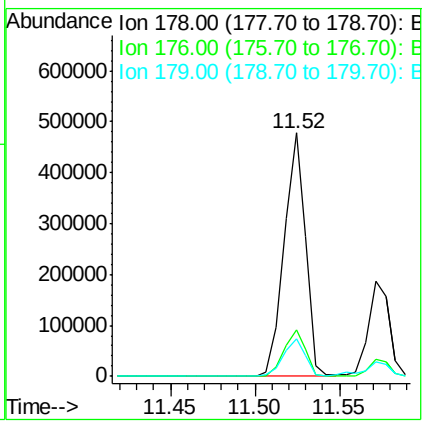


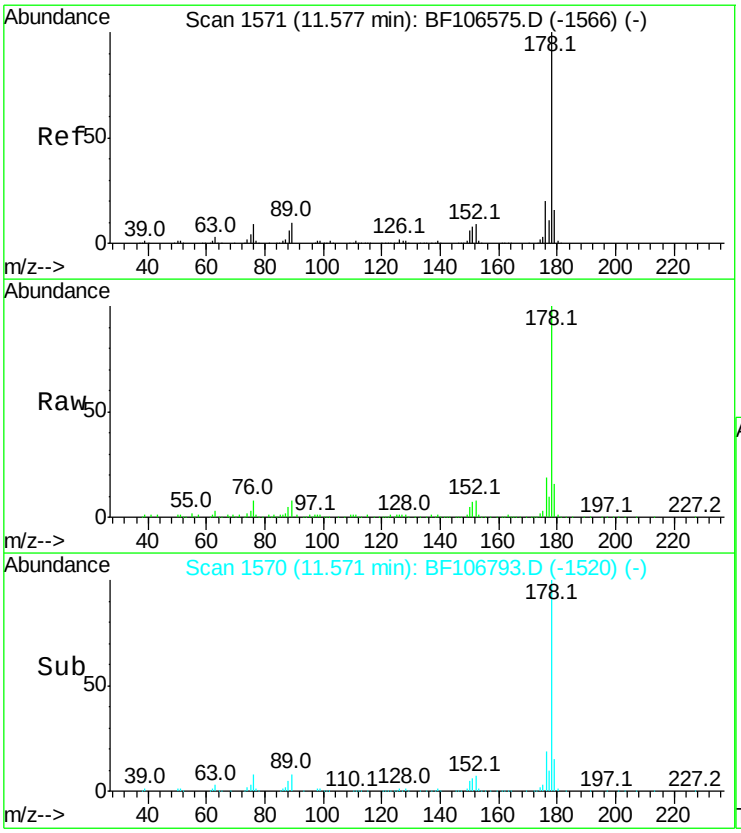
#70
Phenanthrene
Concen: 60.460 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 421944

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	13.0	19.6

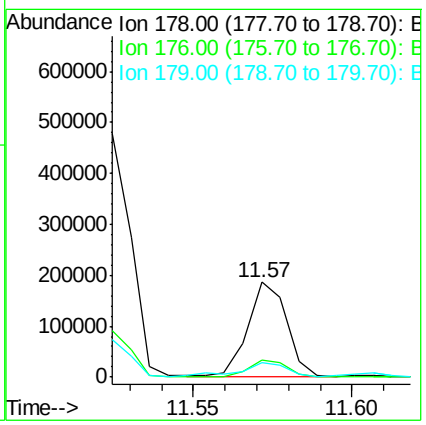


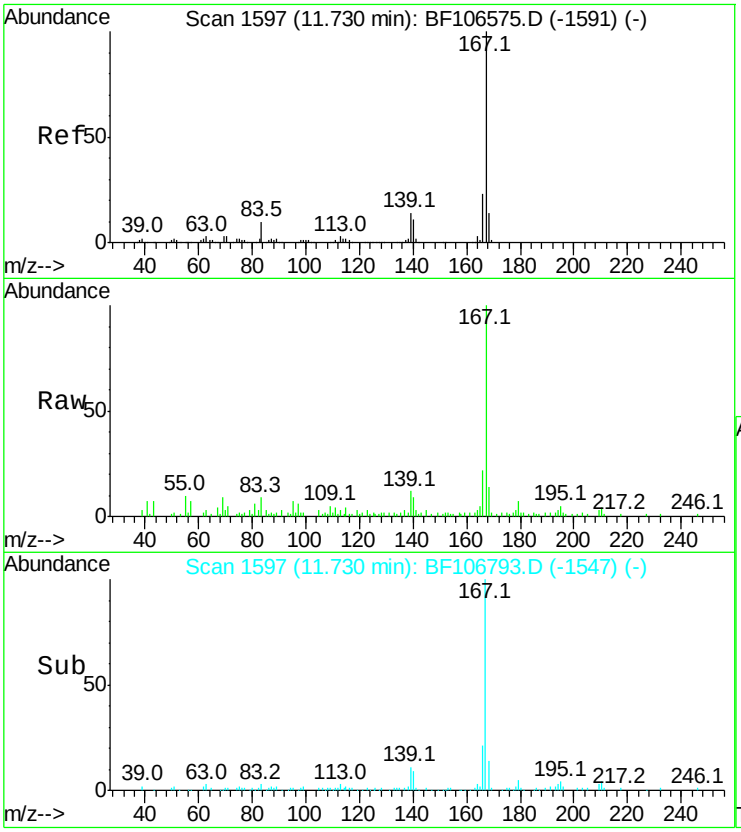


#71
Anthracene
Concen: 22.023 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:178 Resp: 156881

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.6	12.6	19.0



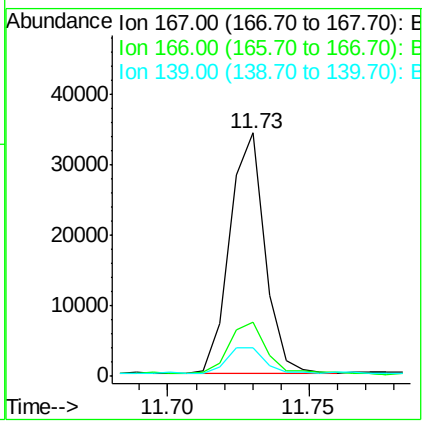


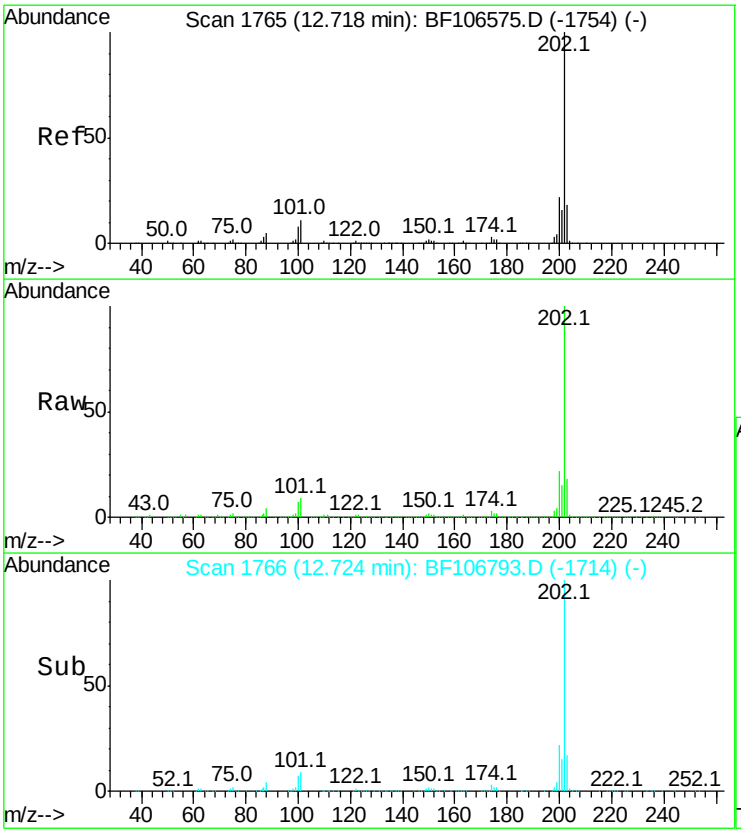
#72
Carbazole
Concen: 4.413 ng
RT: 11.73 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 29432

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.0	10.9	16.3

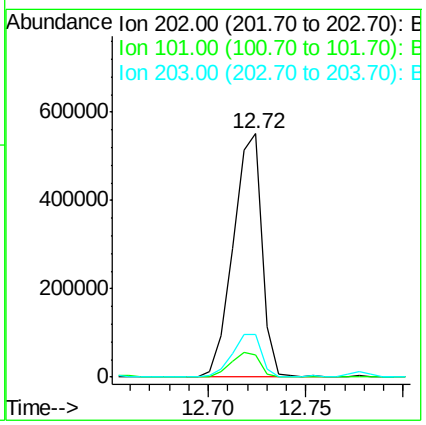


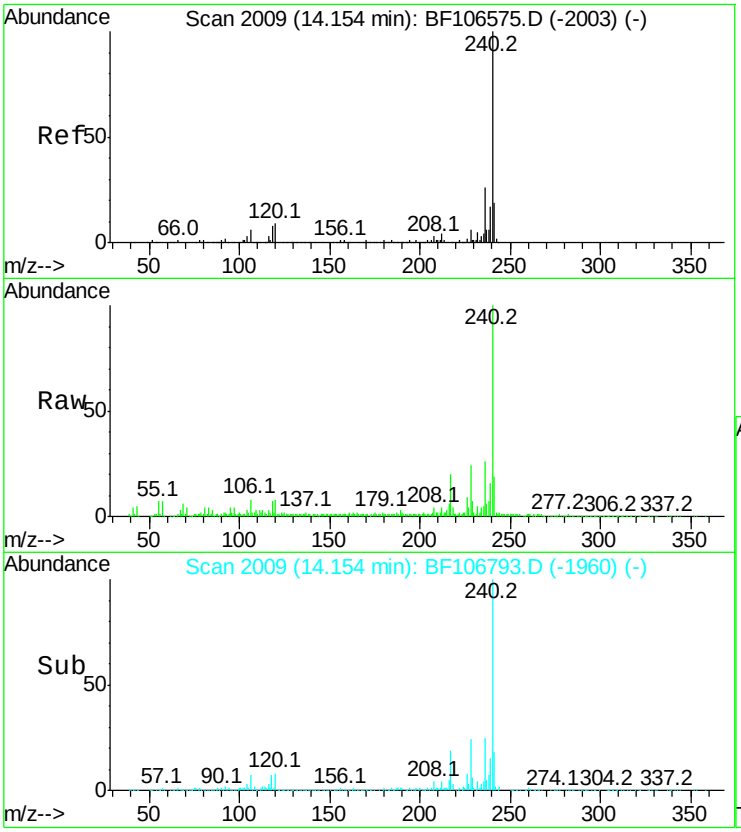


#74
Fluoranthene
Concen: 72.736 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:202 Resp: 559495

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	17.6	0.0	38.1



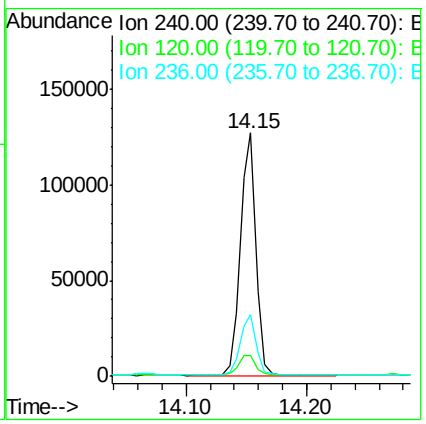


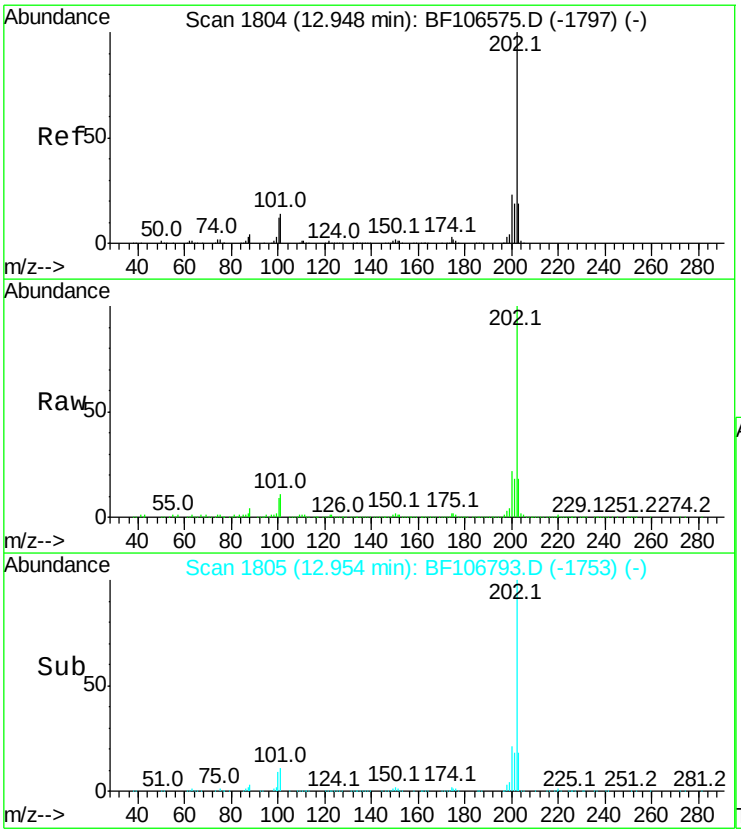
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 113733

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	25.6	20.7	31.1

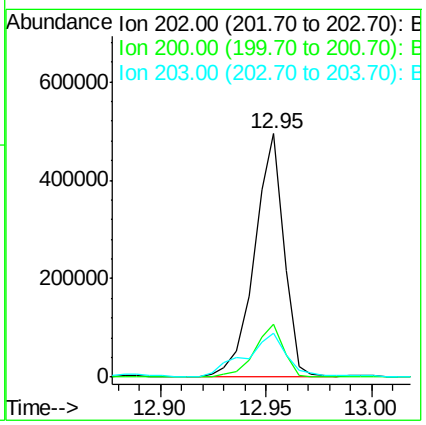


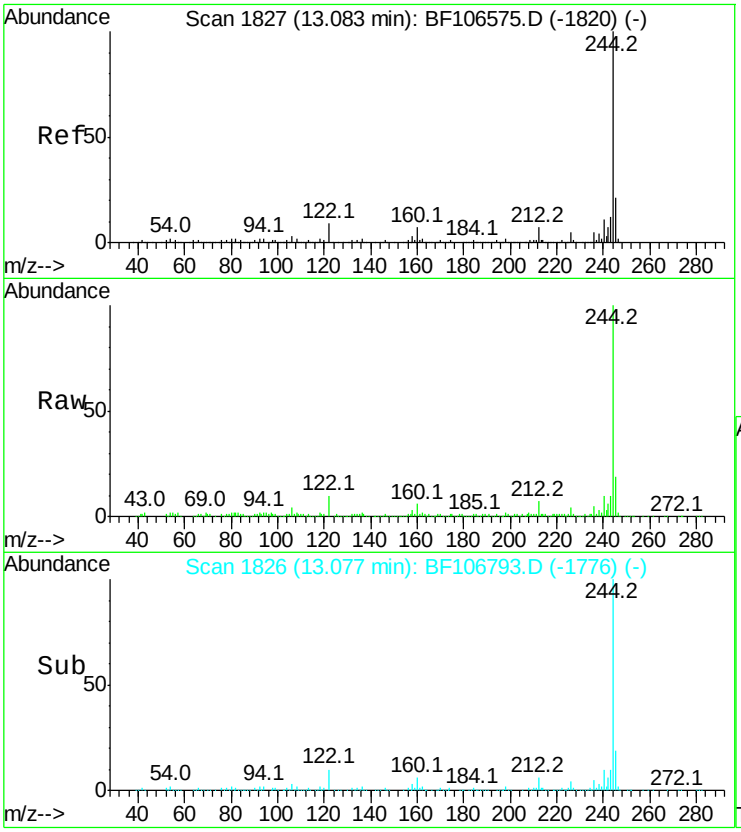


#77
Pyrene
Concen: 63.923 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:202 Resp: 479417

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.3	21.5



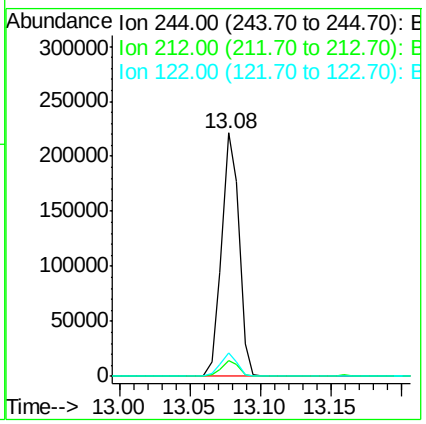


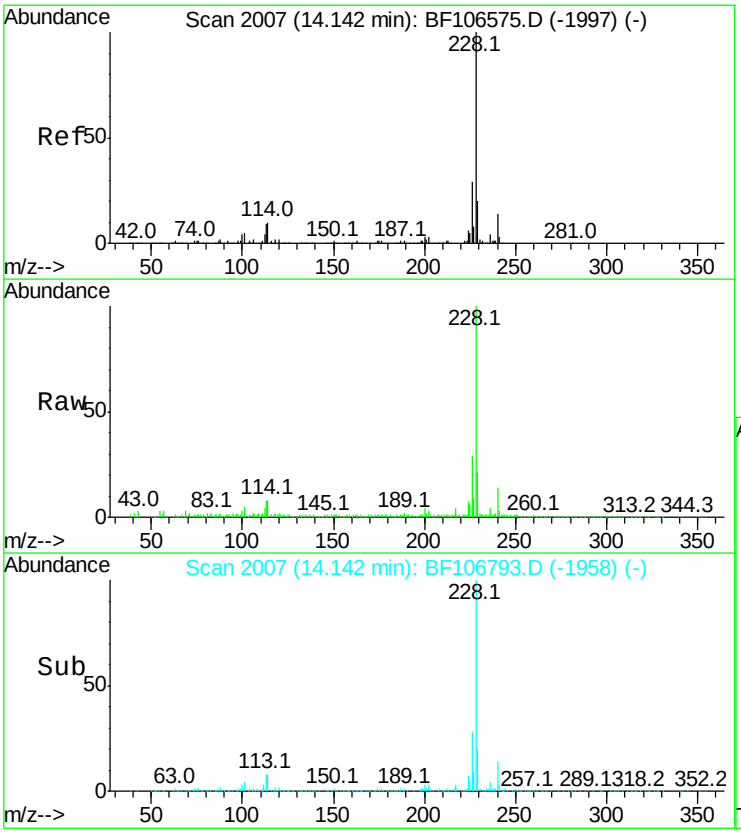
#78
Terphenyl-d14
Concen: 40.711 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 191147

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.7	11.0	16.4#

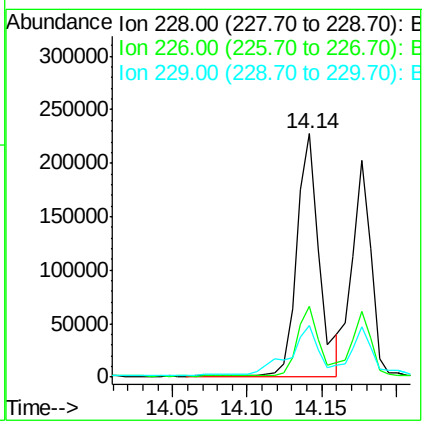


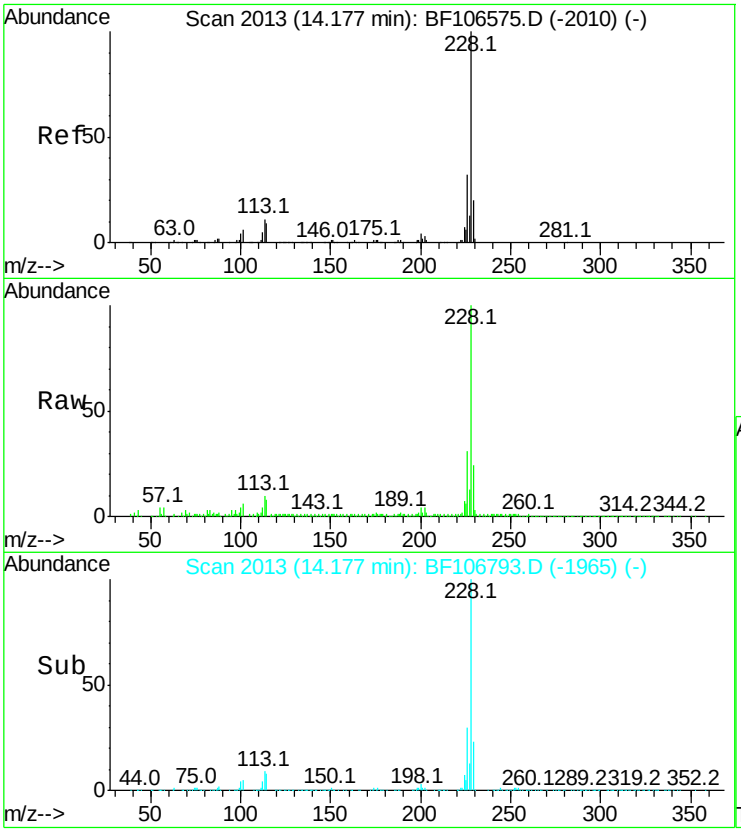


#80
Benzo(a)anthracene
Concen: 34.317 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:228 Resp: 237874

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.0	15.8	23.6



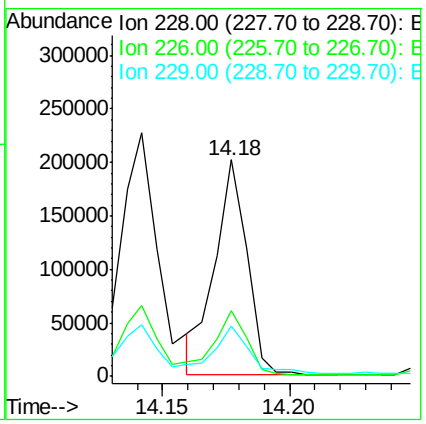


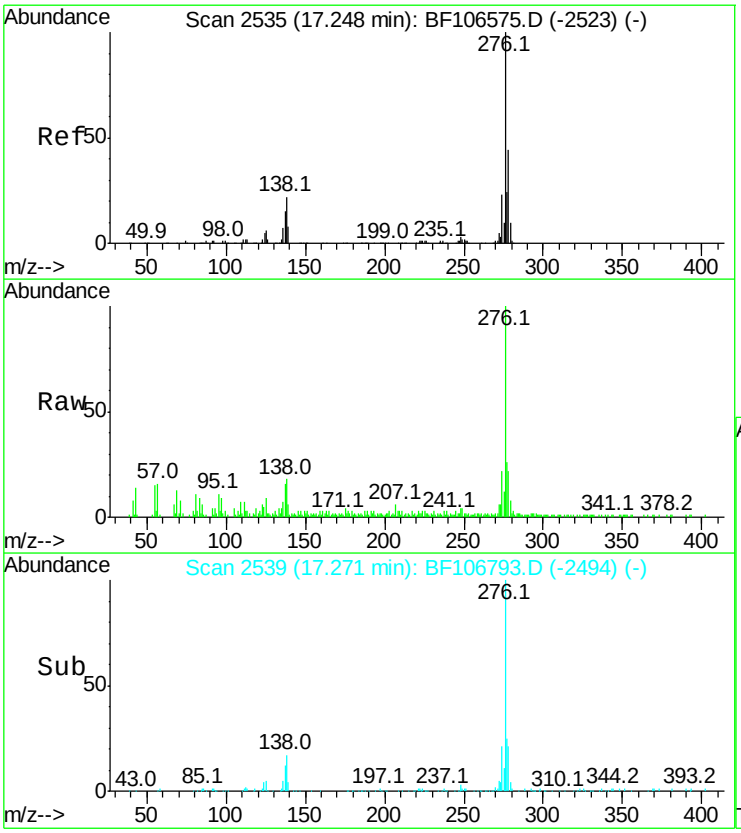
#82
Chrysene
Concen: 27.955 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 178271

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.5	16.2	24.4

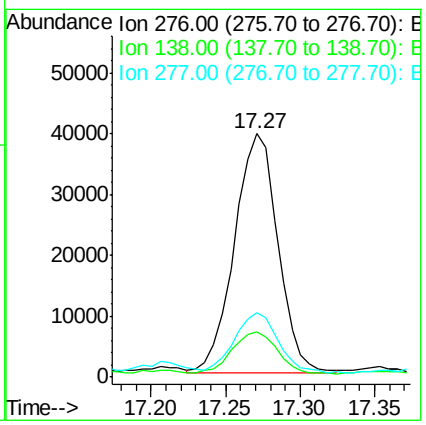


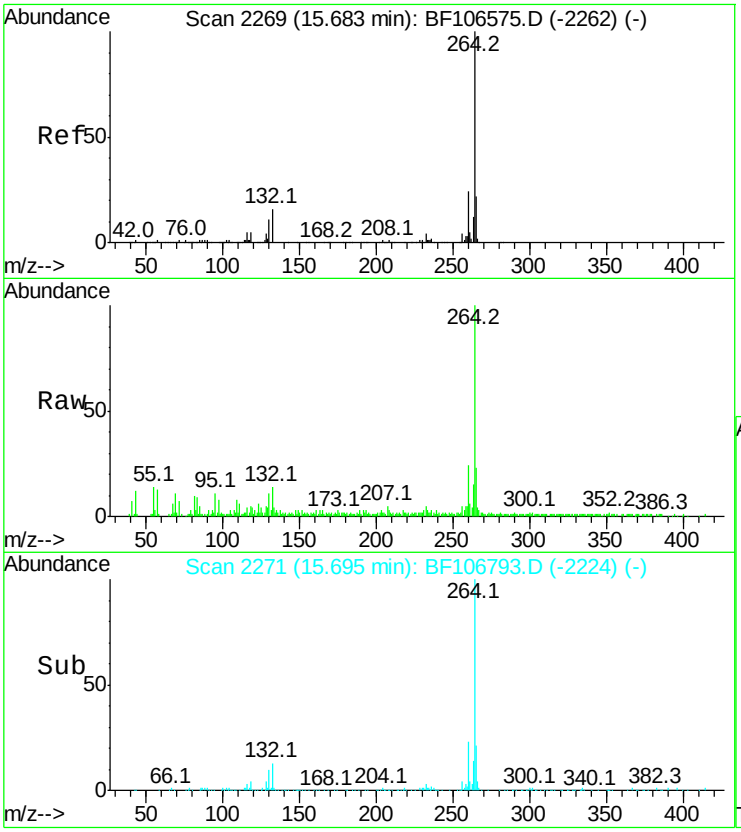


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.805 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:276 Resp: 80120

Ion	Ratio	Lower	Upper
276	100		
138	18.1	25.0	37.6#
277	25.4	20.1	30.1



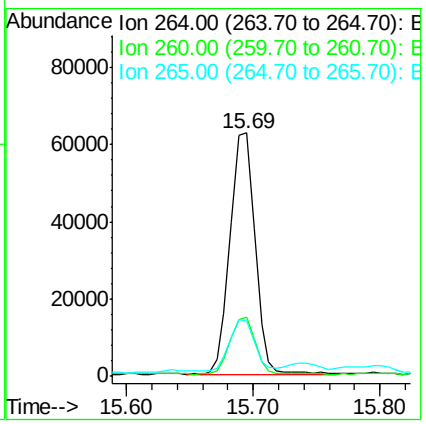


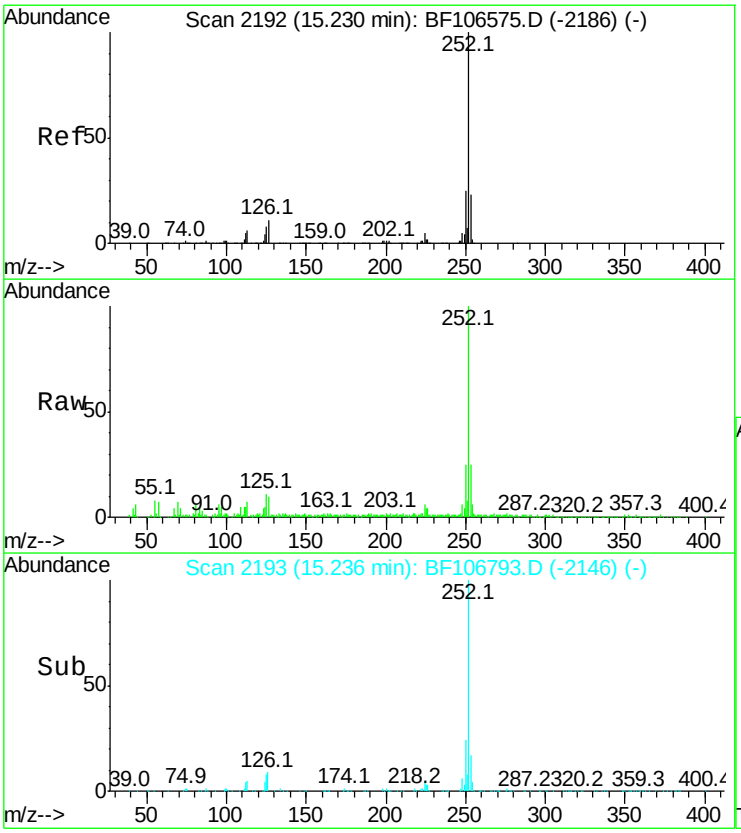
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 85274

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.0	17.5	26.3

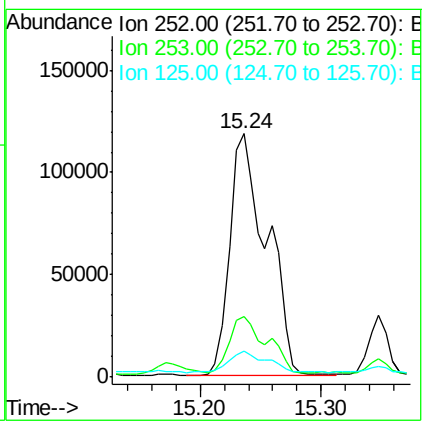


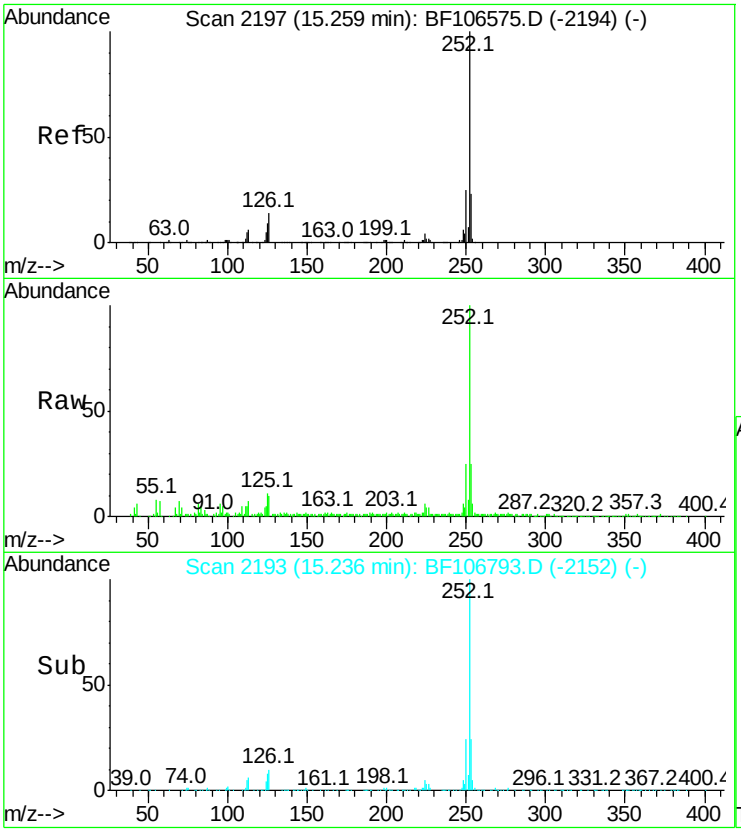


#87
Benzo(b)fluoranthene
Concen: 47.650 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:252 Resp: 252408

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	10.6	9.0	13.6



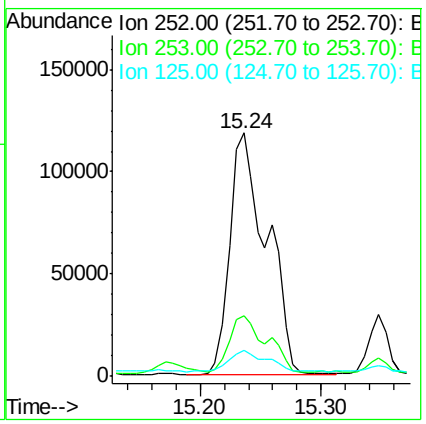


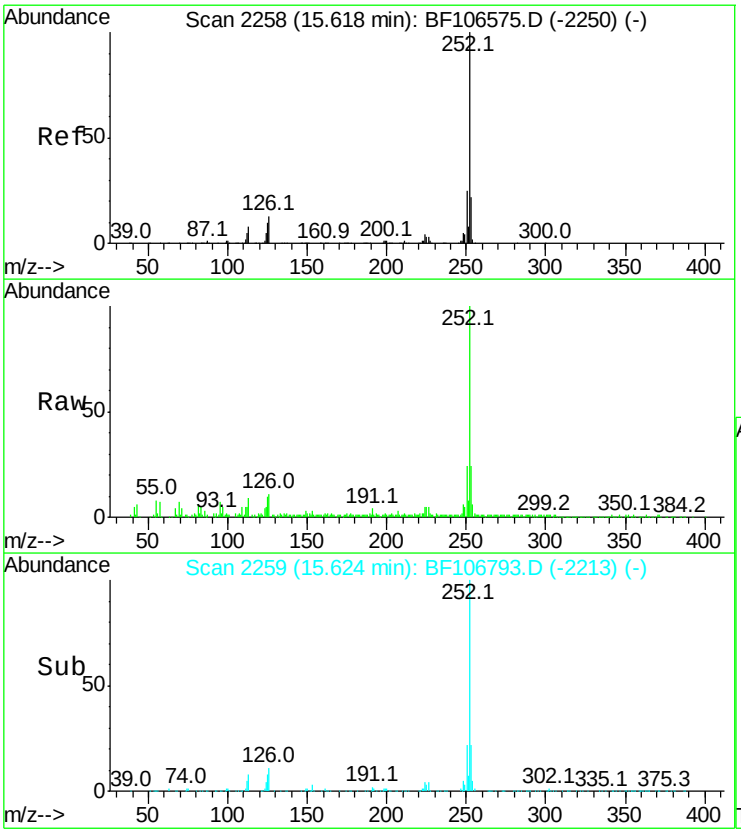
#88
Benzo(k)fluoranthene
Concen: 50.036 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 252408

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	10.6	10.2	15.2

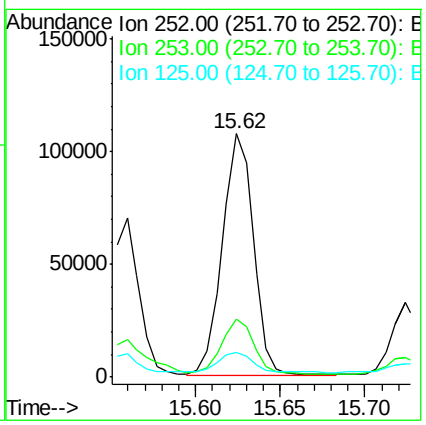


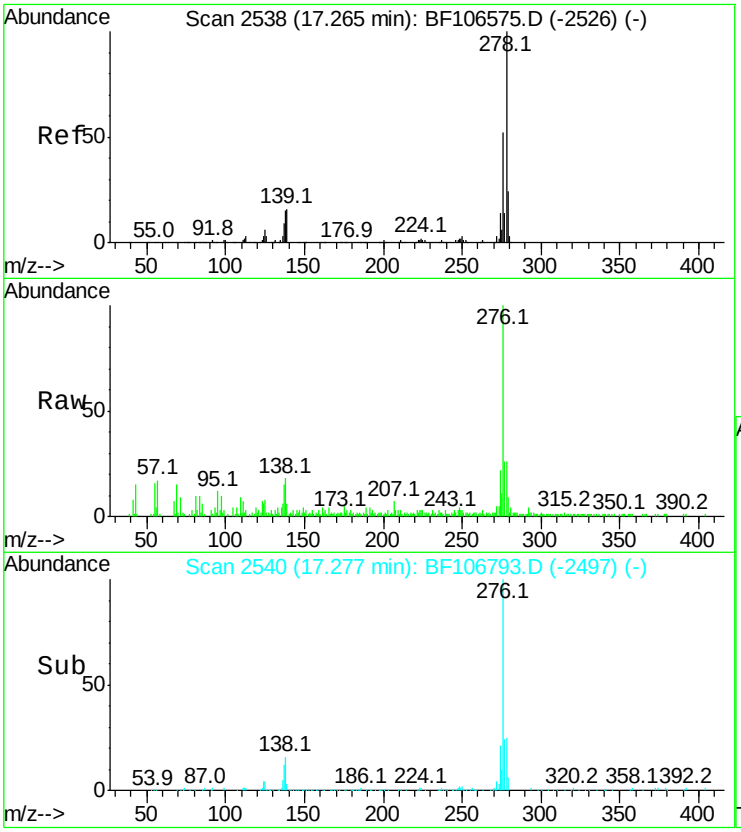


#89
Benzo(a)pyrene
Concen: 29.241 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:252 Resp: 137700

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	10.4	9.8	14.6



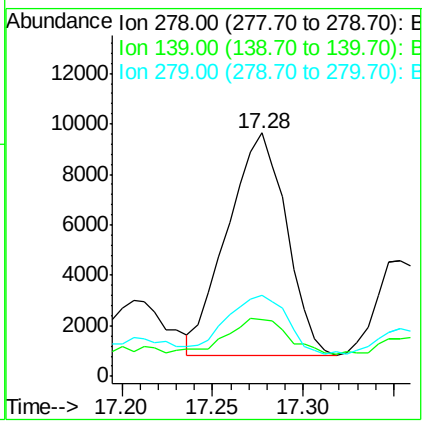


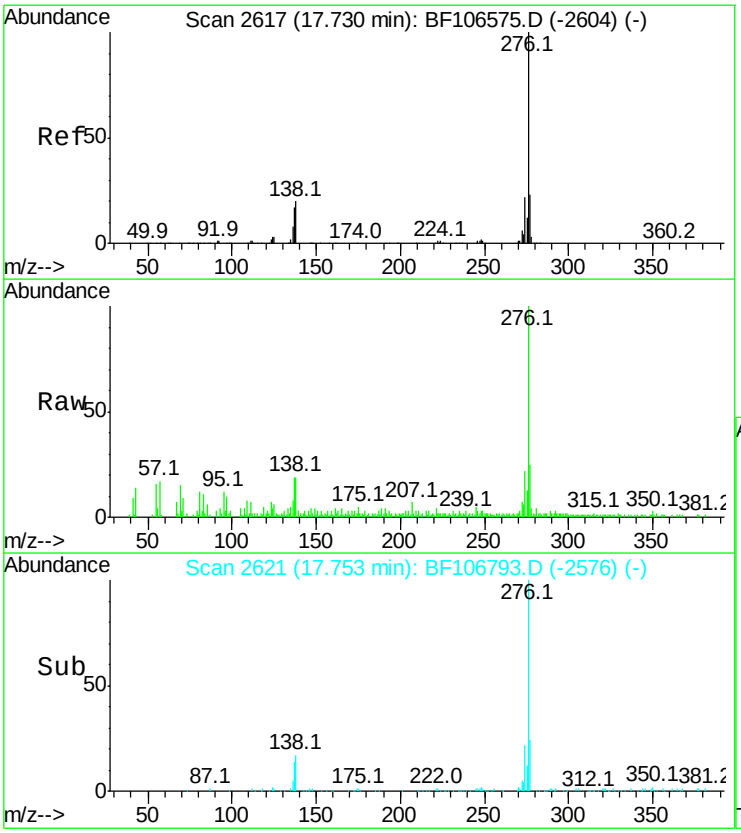
#90
Dibenzo(a,h)anthracene
Concen: 4.961 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19798

Ion	Ratio	Lower	Upper
278	100		
139	23.3	15.9	23.9
279	33.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 19.111 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.04 min
Lab File: BF106793.D
Acq: 26 Jun 2018 00:59

Tgt Ion:276 Resp: 74547

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	19.5	21.8	32.8#