Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106359.D
Acq On : 12 Jun 2018 21:51
Operator : JU/SJ
Sample : J3322-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 01:11:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135697	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	465624	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	188380	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	392159	20.00	ng		0.00
75) Chrysene-d12	14.16	240	390325	20.00	ng		0.00
86) Perylene-d12	15.70	264	296258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	161906	20.19	ng		0.06
7) Phenol-d6	6.66	99	192132	18.97	ng		0.07
23) Nitrobenzene-d5	7.53	82	108735	13.74	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	32031	17.67	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	175139	6.94	ng		0.00
78) Terphenyl-d14	13.09	244	223114	14.20	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.53	82	108731	7.033	ng	#	64
31) Naphthalene	8.28	128	130635	6.206	ng		98
32) Benzoic acid	8.07	122	336	7.348	ng	#	78
48) Acenaphthylene	9.88	152	212932	11.914	ng		99
50) 2,6-Dinitrotoluene	10.01	165	26265	9.554	ng	#	27
51) Acenaphthene	10.05	154	37428	3.243	ng		99
54) Dibenzofuran	10.22	168	33635	2.164	ng		96
57) Fluorene	10.57	166	54618	4.435	ng		99
70) Phenanthrene	11.53	178	440288	22.925	ng		100
71) Anthracene	11.58	178	201569	10.476	ng		98
74) Fluoranthene	12.72	202	1078144	52.639	ng		98
77) Pyrene	12.96	202	1121758	45.905	ng		98
80) Benzo(a)anthracene	14.18	228	631101	27.170	ng		92
82) Chrysene	14.18	228	631101	29.759	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	312312	18.453	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	1030401	57.537	ng		97
88) Benzo(k)fluoranthene	15.24	252	1030401	58.096	ng		97
89) Benzo(a)pyrene	15.64	252	576248	35.774	ng		96
90) Dibenzo(a,h)anthracene	17.45	278	71370	5.315	ng		94
91) Benzo(g,h,i)perylene	17.75	276	313886	24.051	ng		94

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 24 Sample Multiplier: 1

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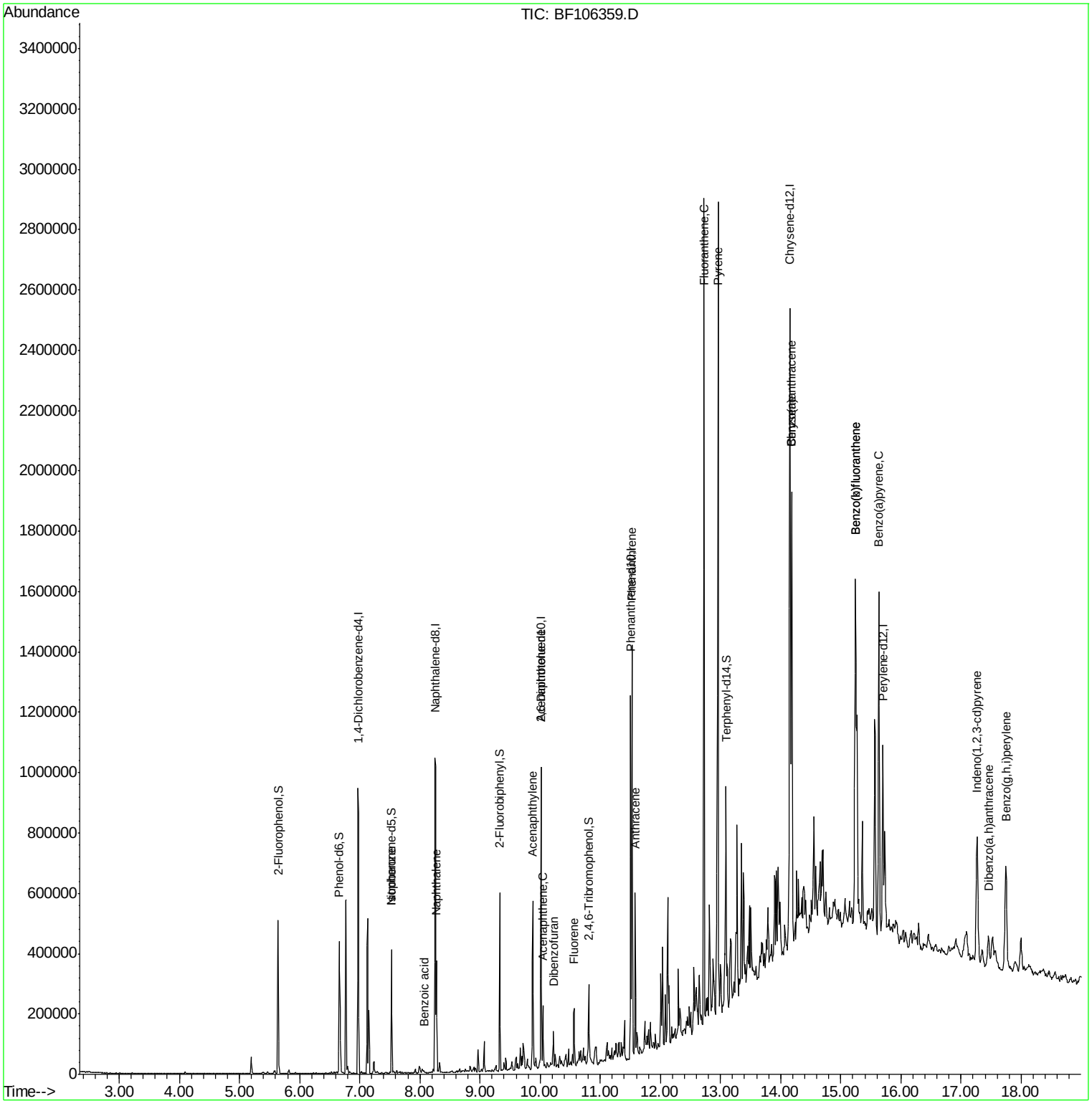
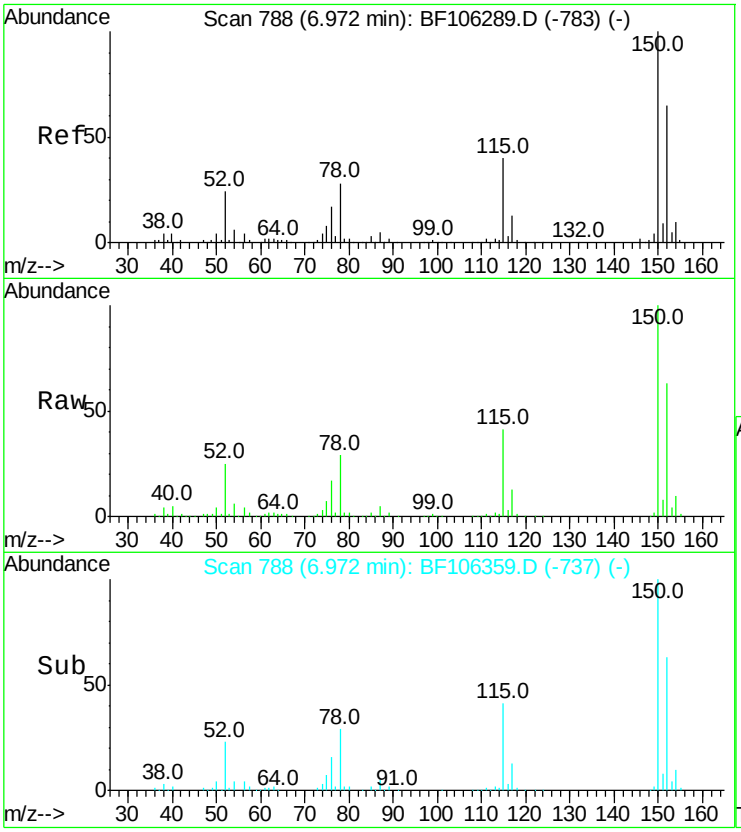


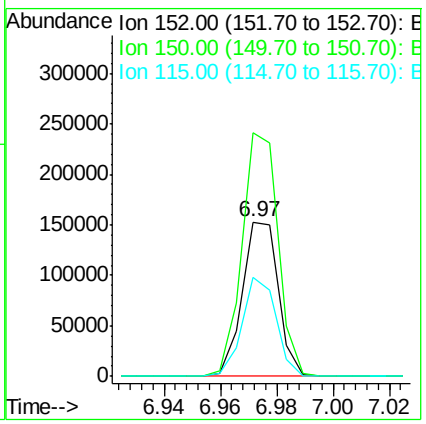


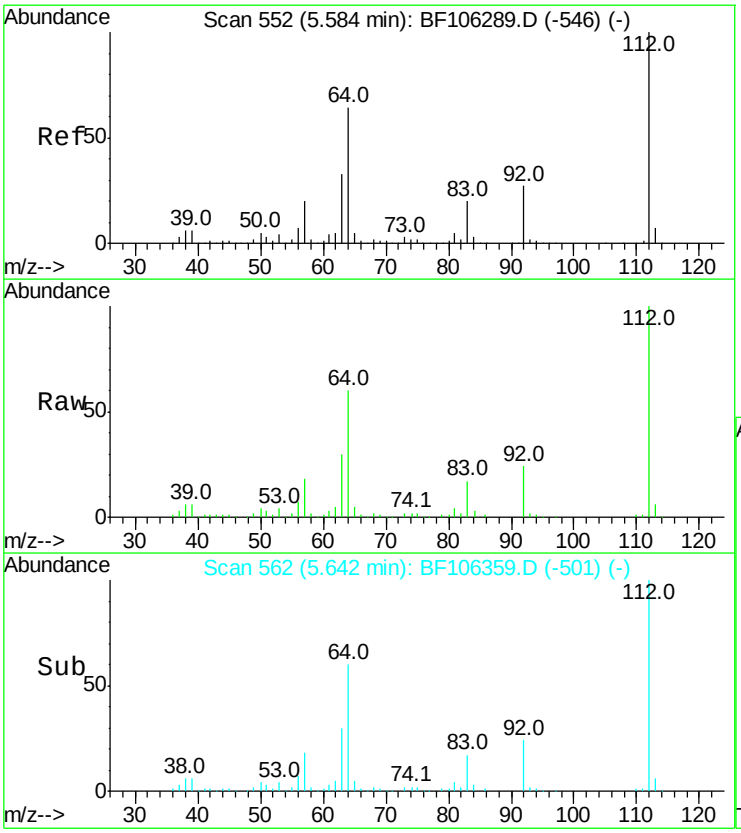
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135697

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	64.3	50.1	75.1

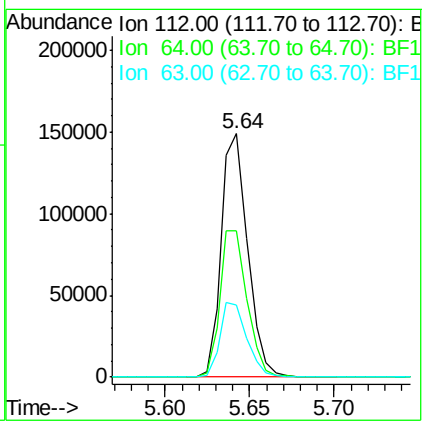


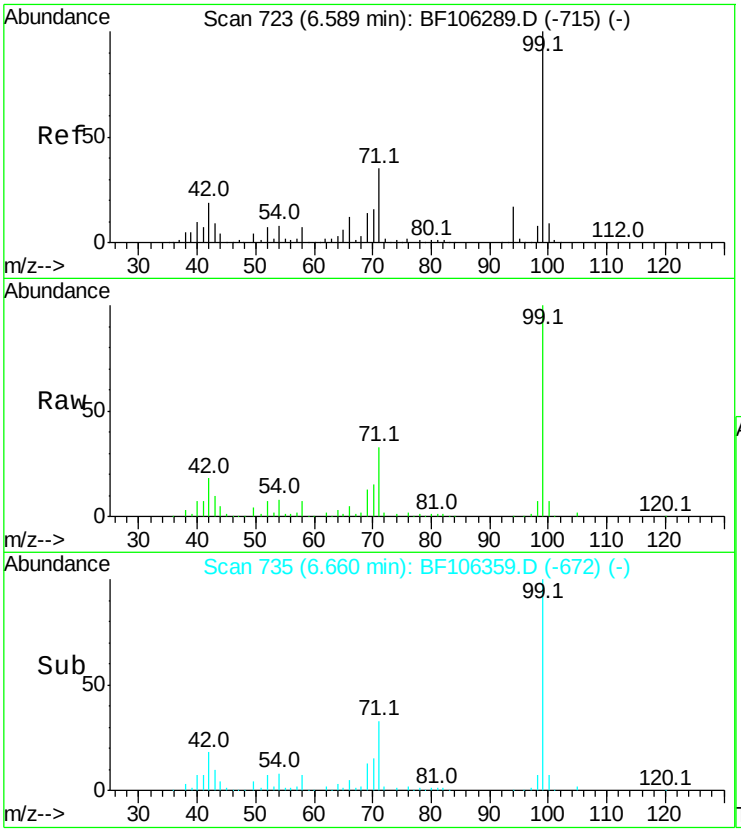


#5
2-Fluorophenol
Concen: 20.194 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.06 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:112 Resp: 161906

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	29.7	23.7	35.5



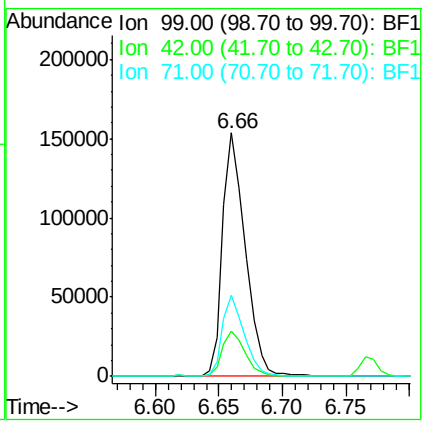


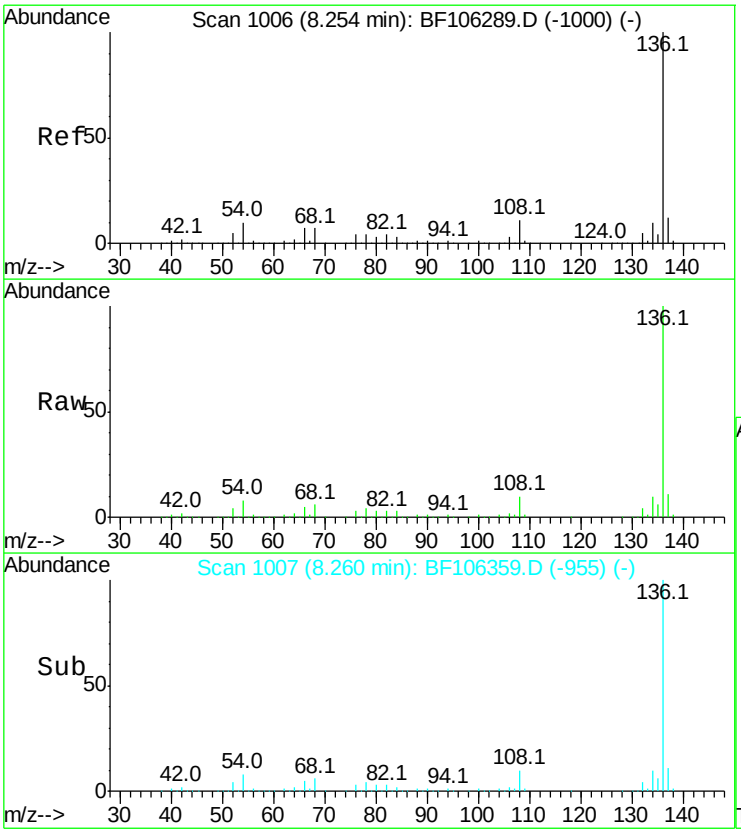
#7
Phenol-d6
Concen: 18.968 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.07 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 192132

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	33.3	25.4	38.0

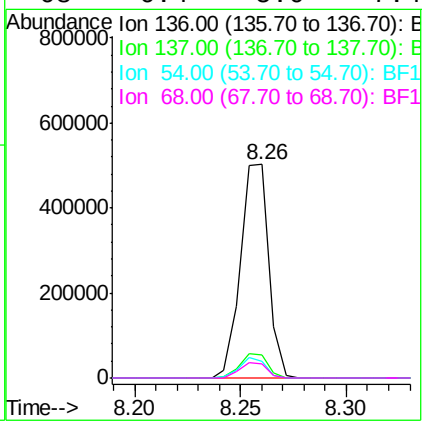


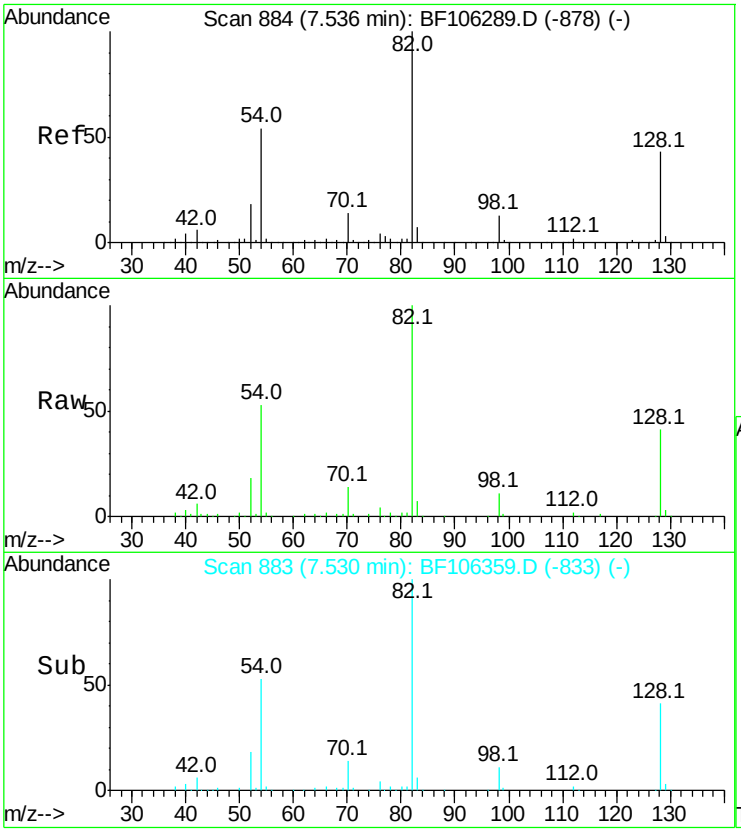


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:136 Resp: 465624

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.0	6.6	9.8
68	6.4	5.0	7.4



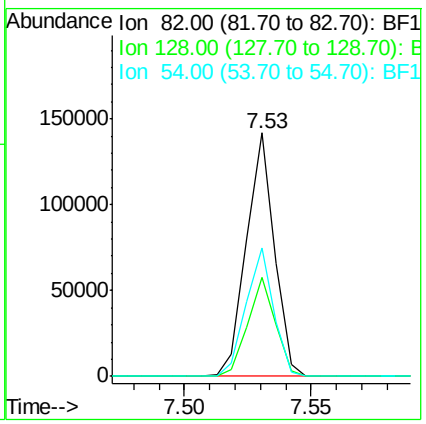


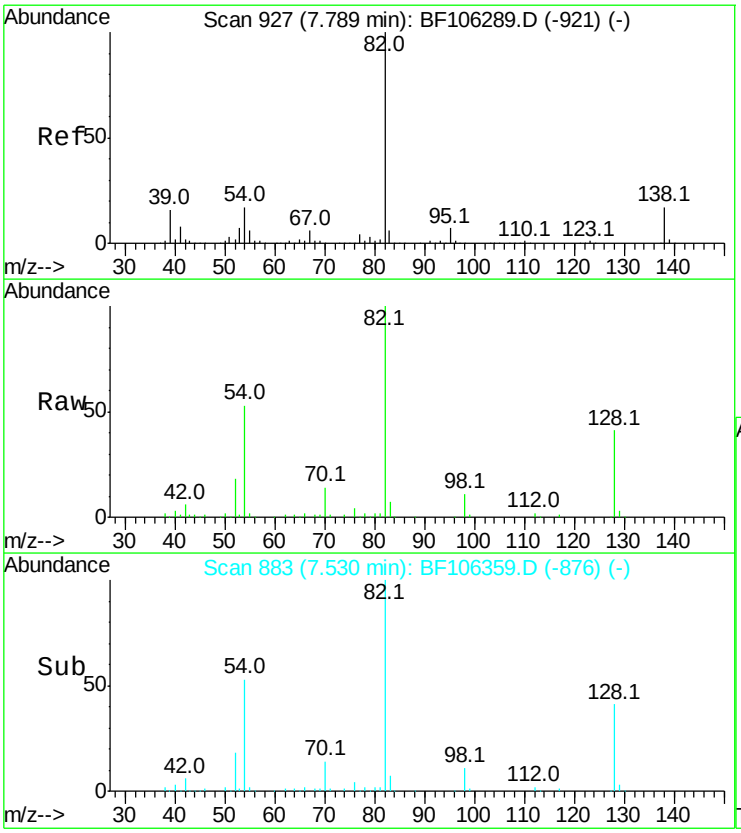
#23
Nitrobenzene-d5
Concen: 13.738 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 108735

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	52.5	41.4	62.2

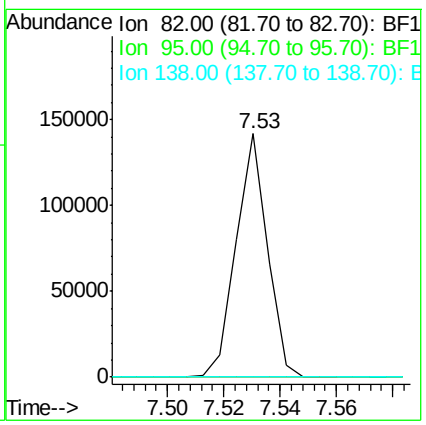


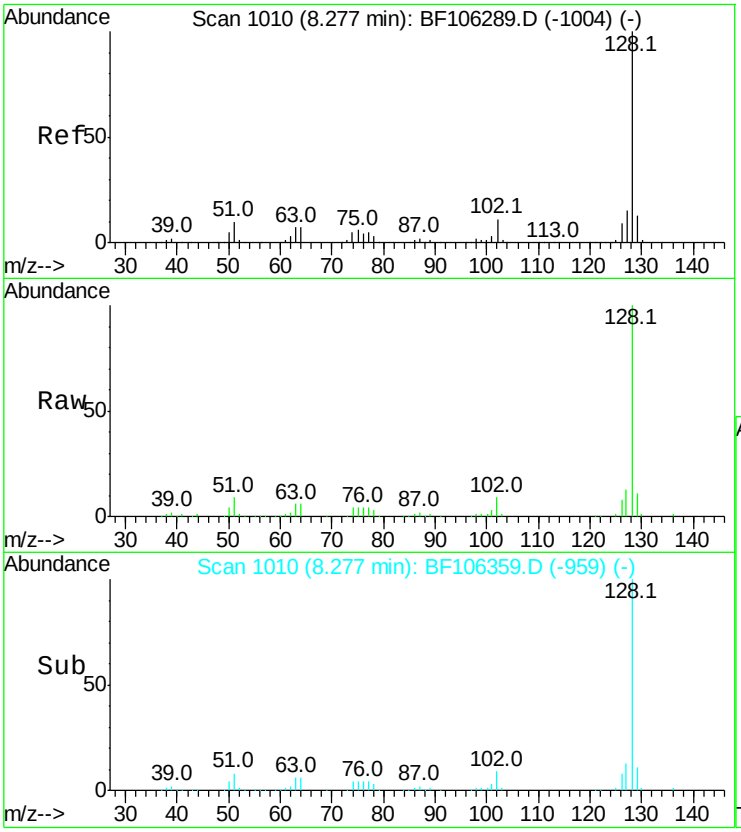


#25
Isophorone
Concen: 7.033 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion: 82 Resp: 108731

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



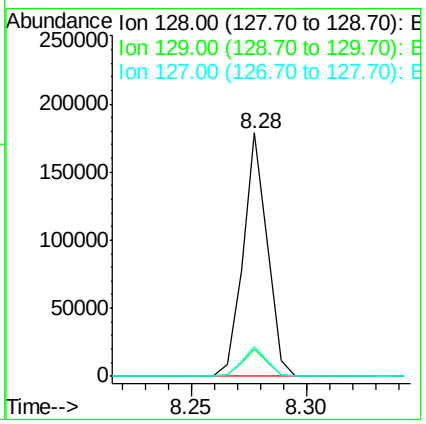


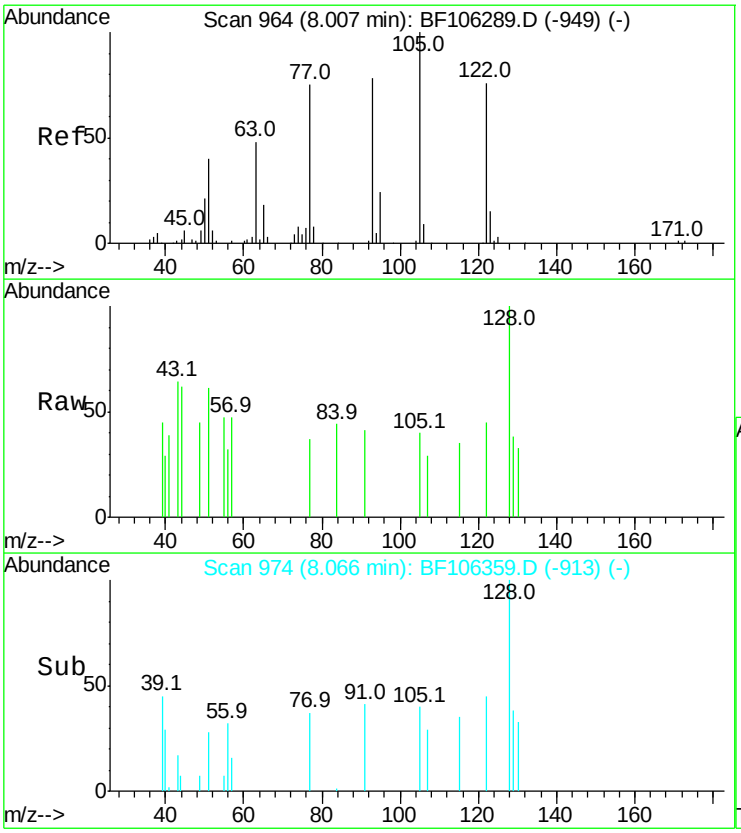
#31
Naphthalene
Concen: 6.206 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 130635

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.5	10.9	16.3

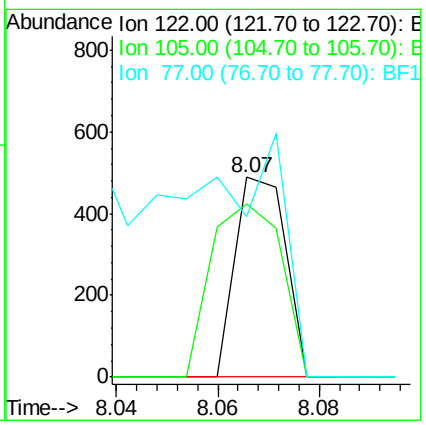


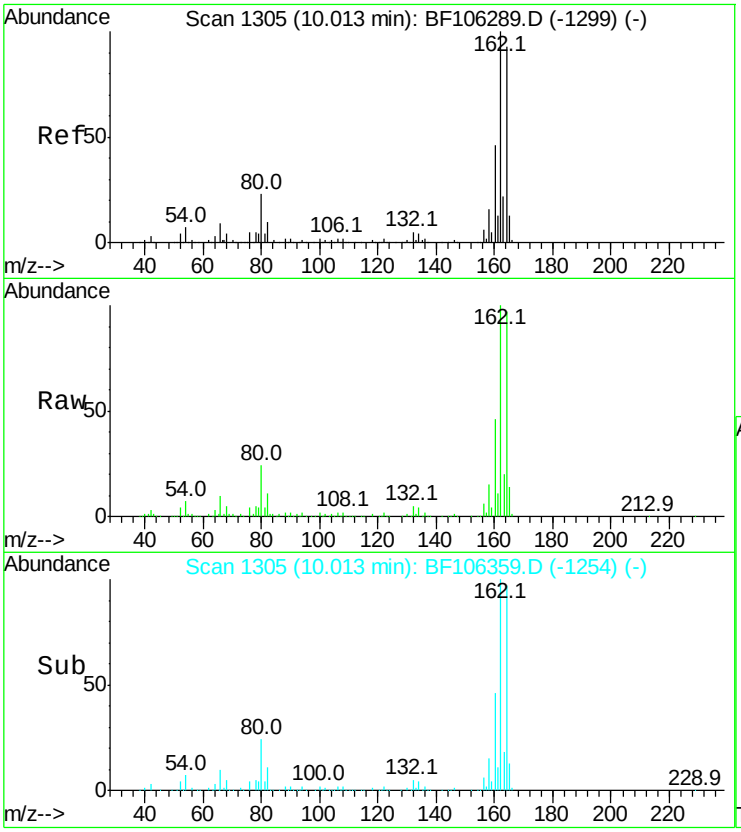


#32
Benzoic acid
Concen: 7.348 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.06 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:122 Resp: 336

Ion	Ratio	Lower	Upper
122	100		
105	87.1	101.1	141.1#
77	80.3	70.7	110.7



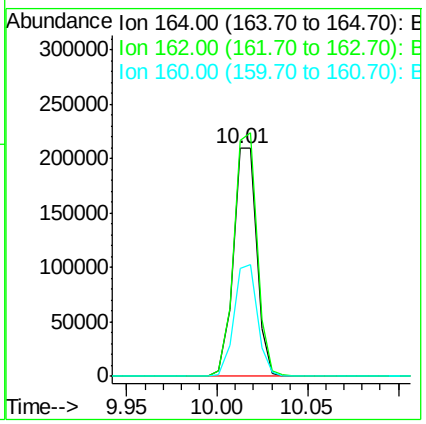


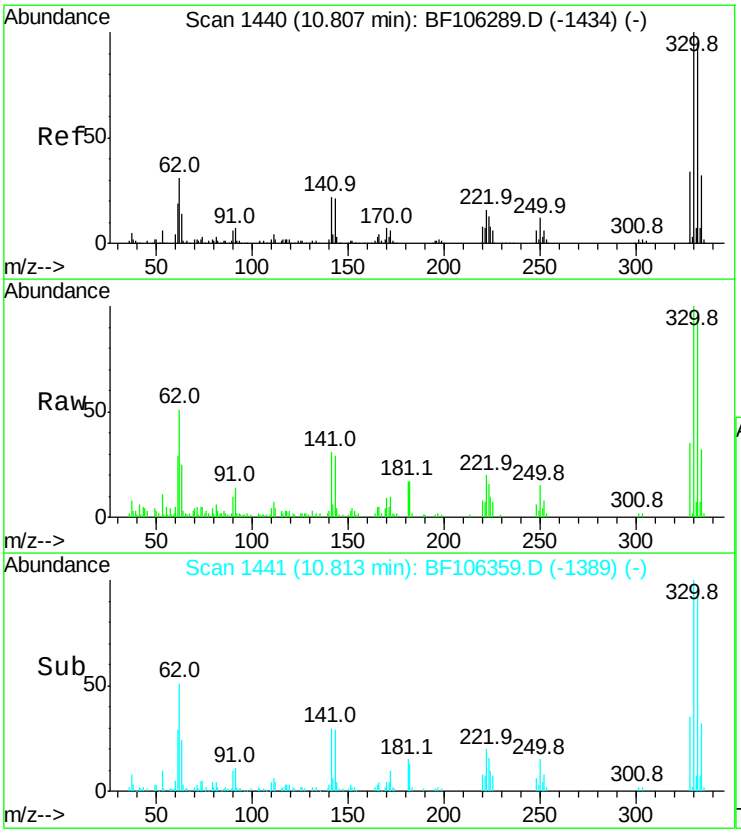
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 188380

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.2	38.3	57.5

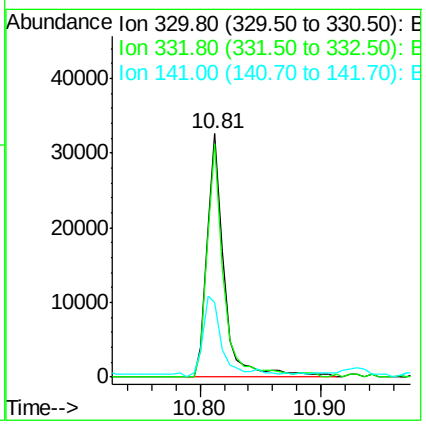


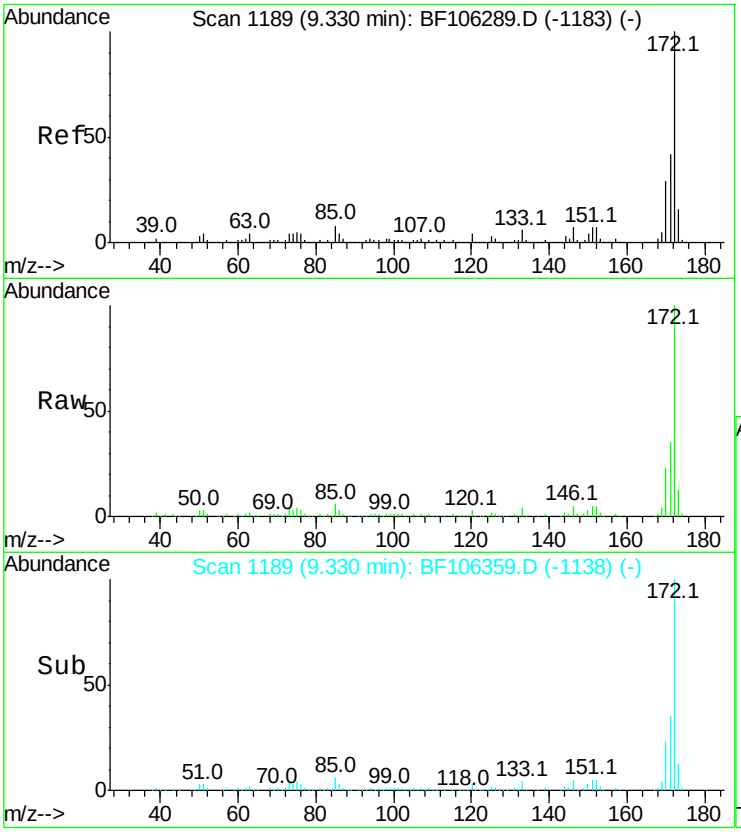


#41
2,4,6-Tribromophenol
Concen: 17.672 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:330 Resp: 32031

Ion	Ratio	Lower	Upper
330	100		
332	91.8	77.0	115.6
141	36.6	29.9	44.9



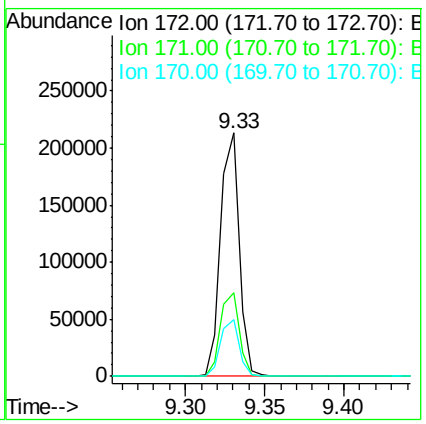


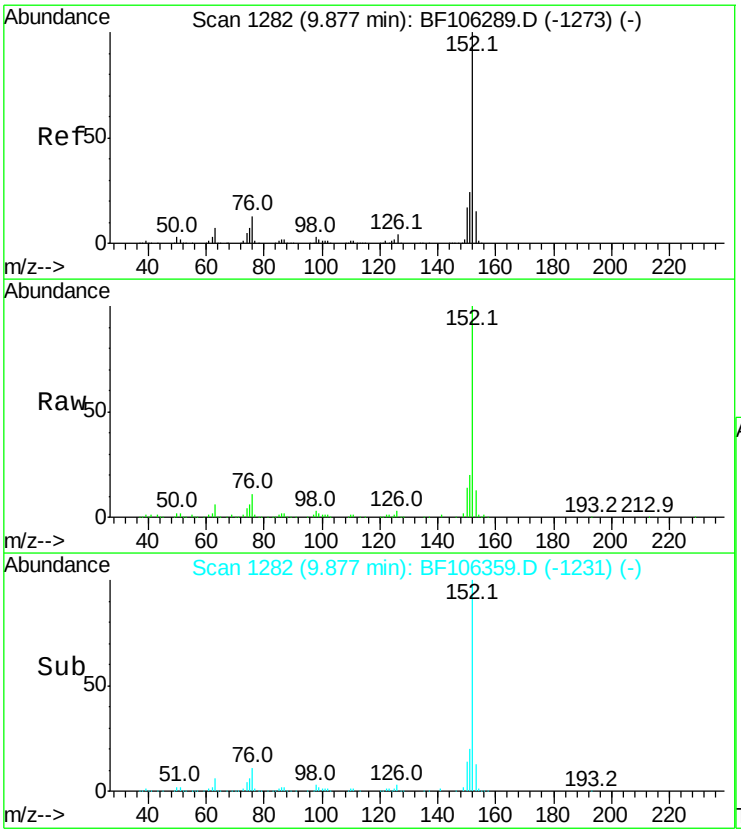
#44
2-Fluorobiphenyl
Concen: 6.941 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 175139

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.5	19.6	29.4

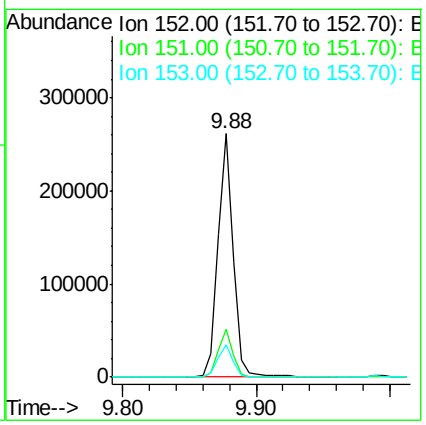


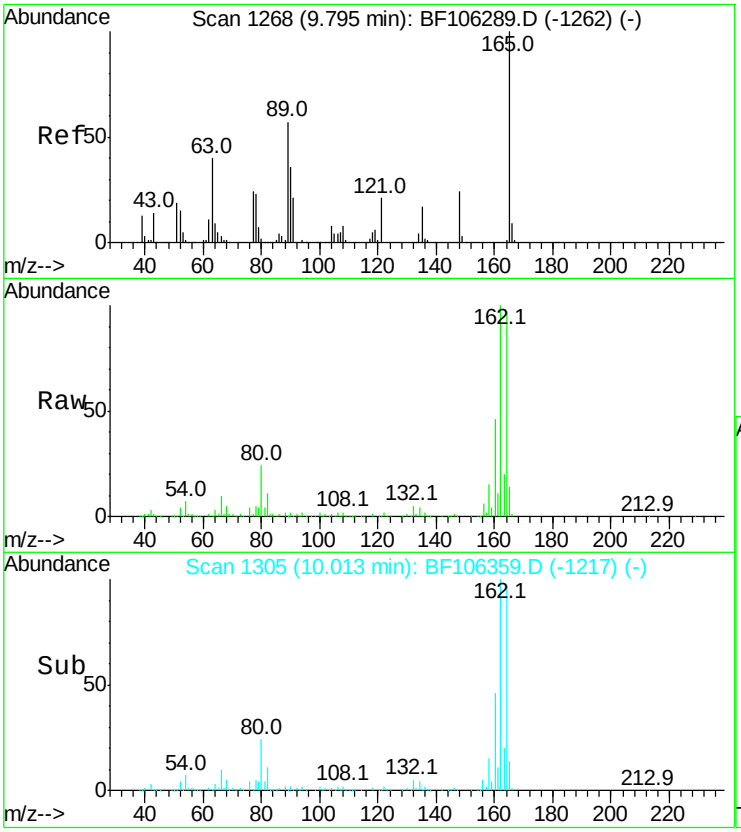


#48
Acenaphthylene
Concen: 11.914 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:152 Resp: 212932

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.1	10.7	16.1



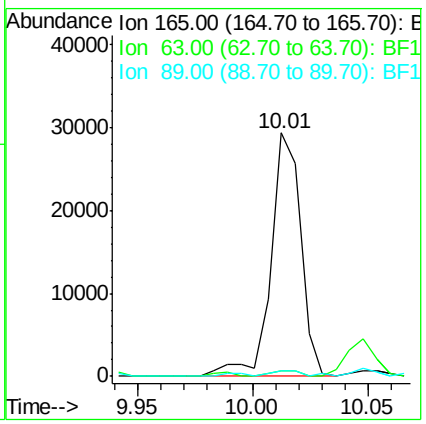


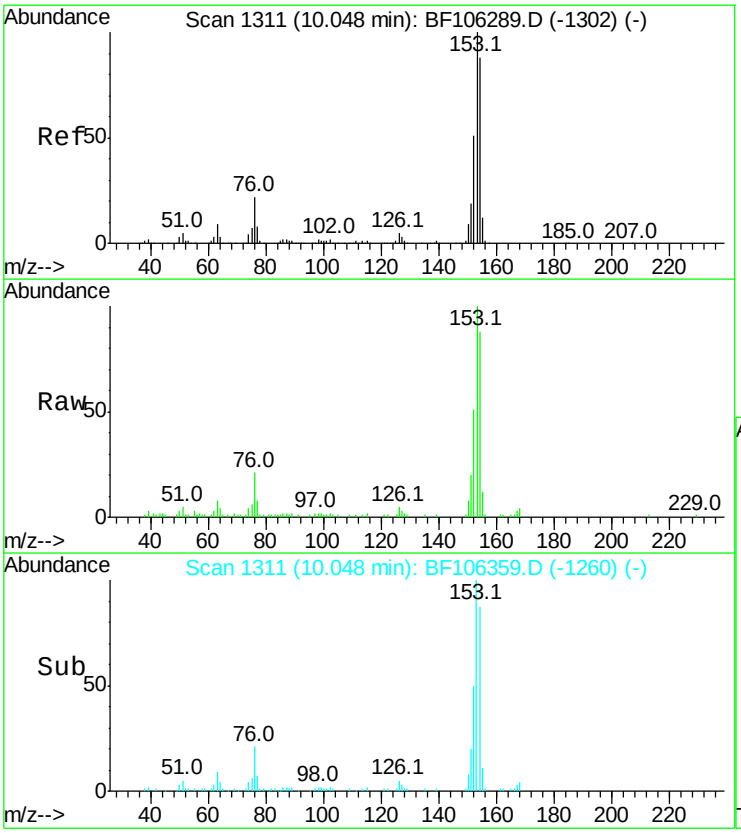
#50
2,6-Dinitrotoluene
Concen: 9.554 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.22 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26265

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	2.2	44.0	66.0#

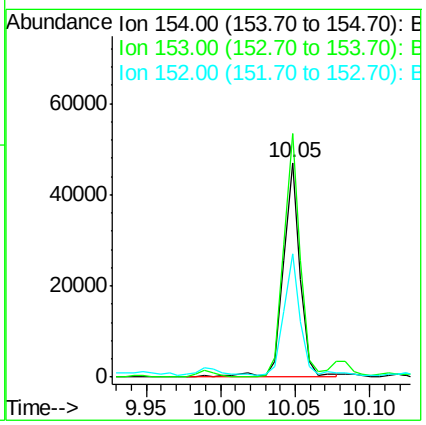


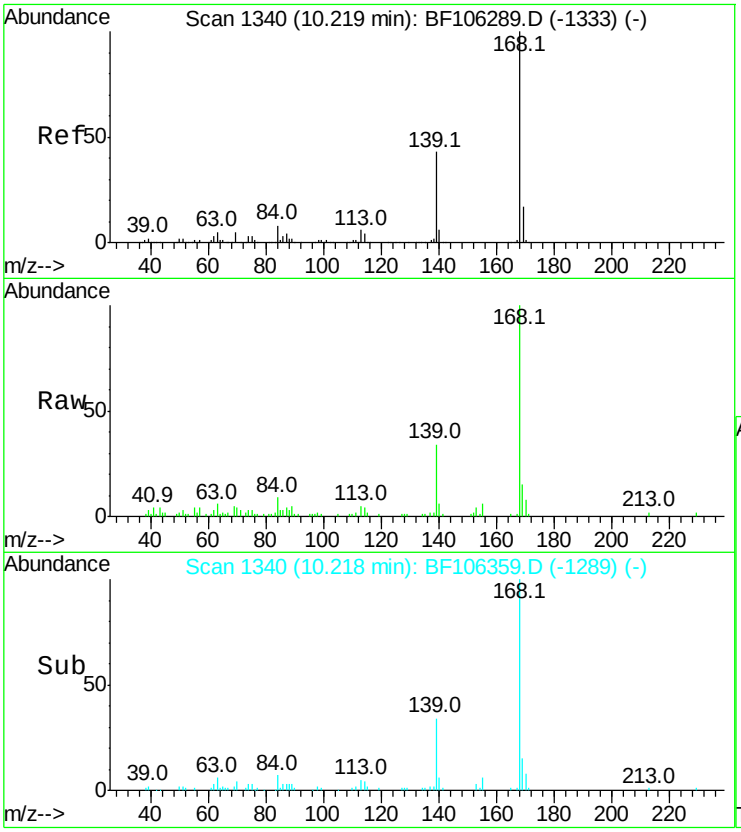


#51
Acenaphthene
Concen: 3.243 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:154 Resp: 37428

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.2	136.8
152	57.4	43.8	65.8



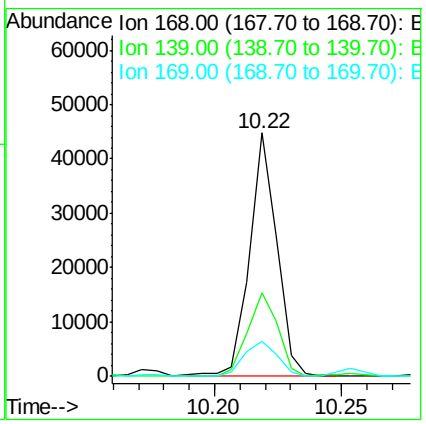


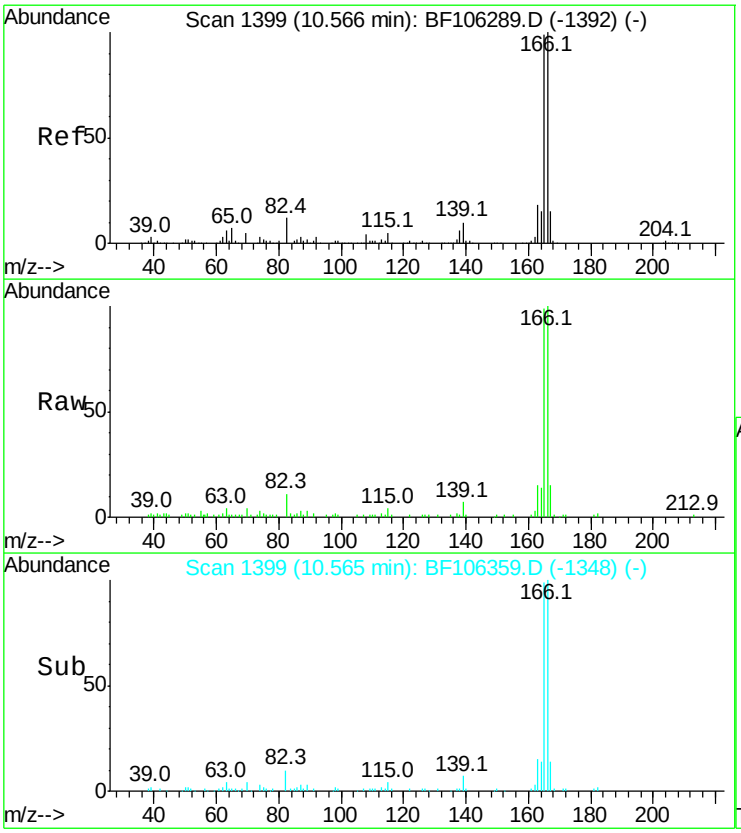
#54
Dibenzofuran
Concen: 2.164 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 33635

Ion	Ratio	Lower	Upper
168	100		
139	34.5	30.1	45.1
169	14.6	10.9	16.3

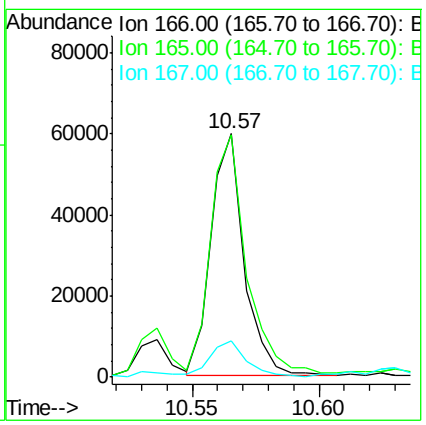


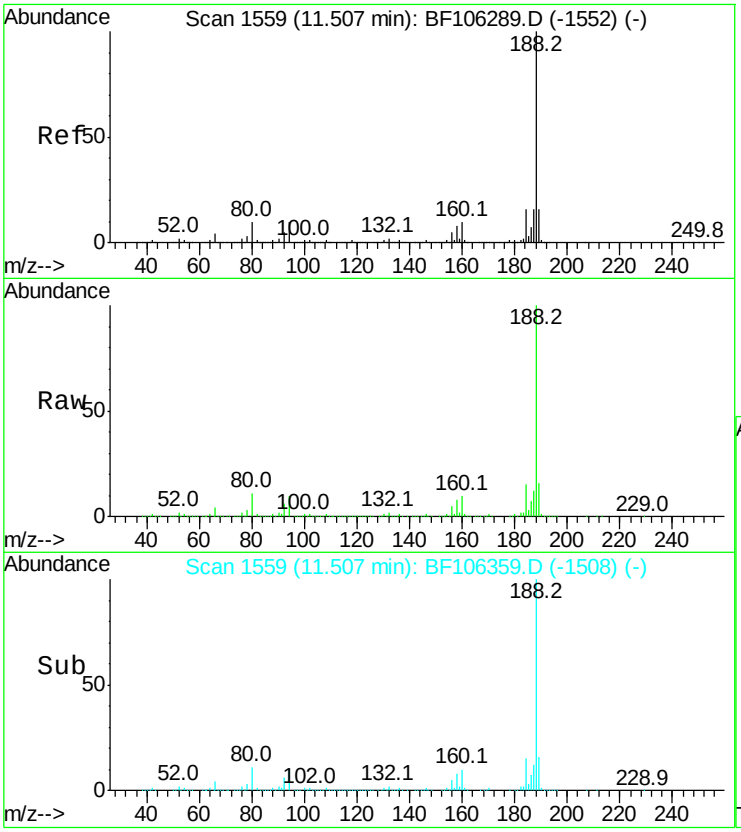


#57
Fluorene
Concen: 4.435 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:166 Resp: 54618

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	15.0	10.6	16.0



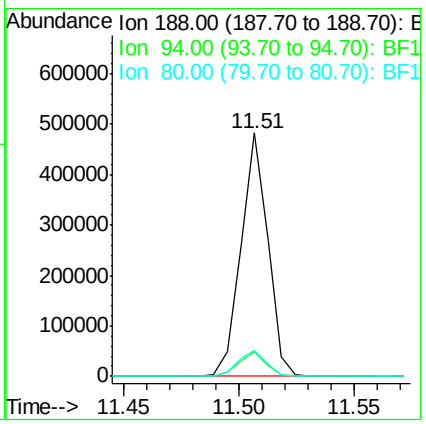


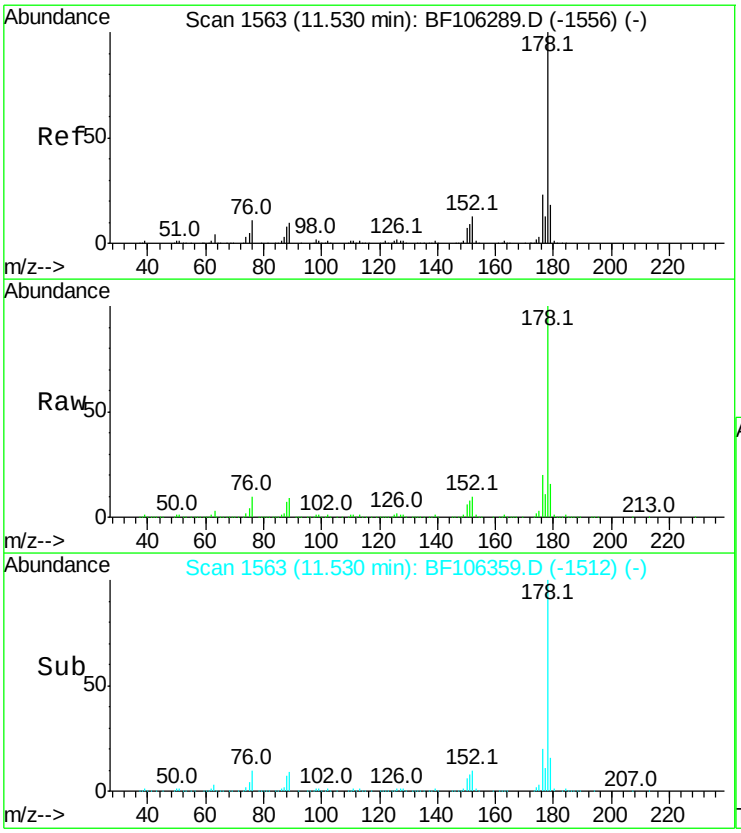
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 392159

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8

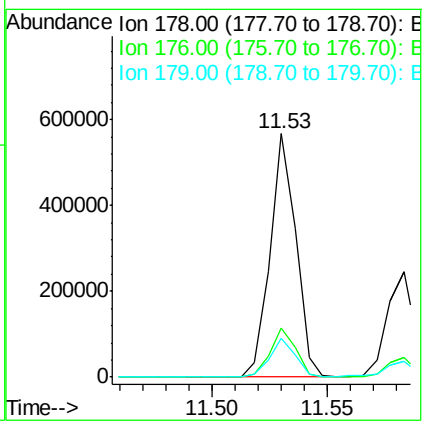


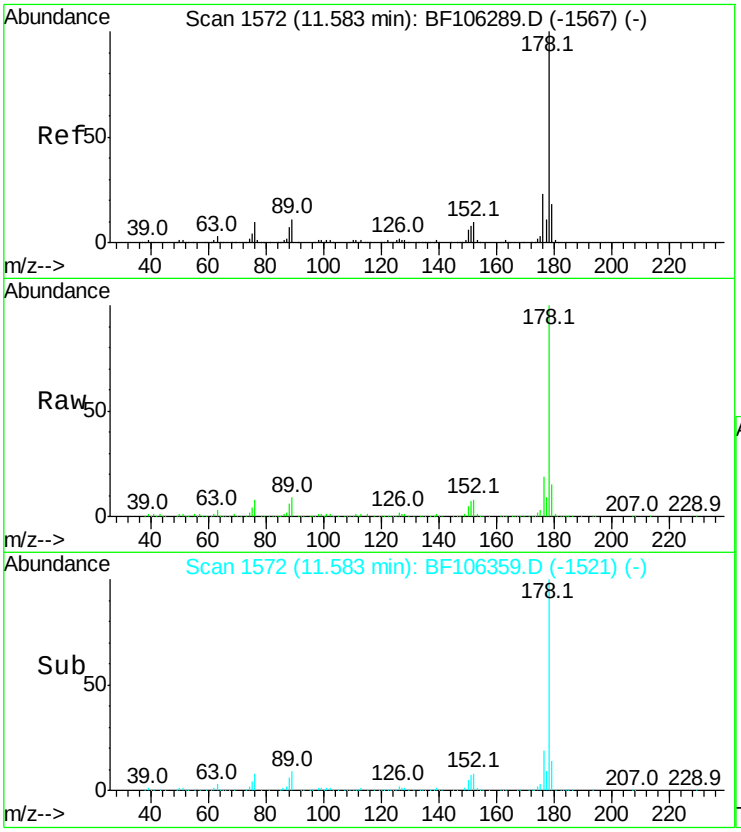


#70
Phenanthrene
Concen: 22.925 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:178 Resp: 440288

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.1	13.0	19.6



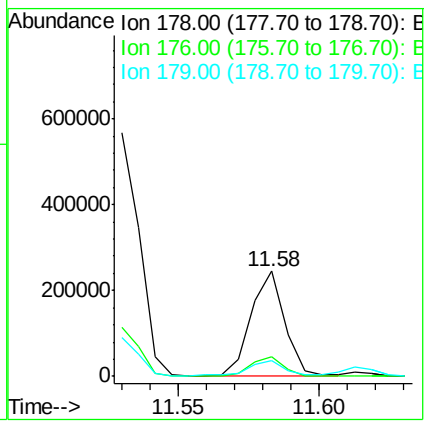


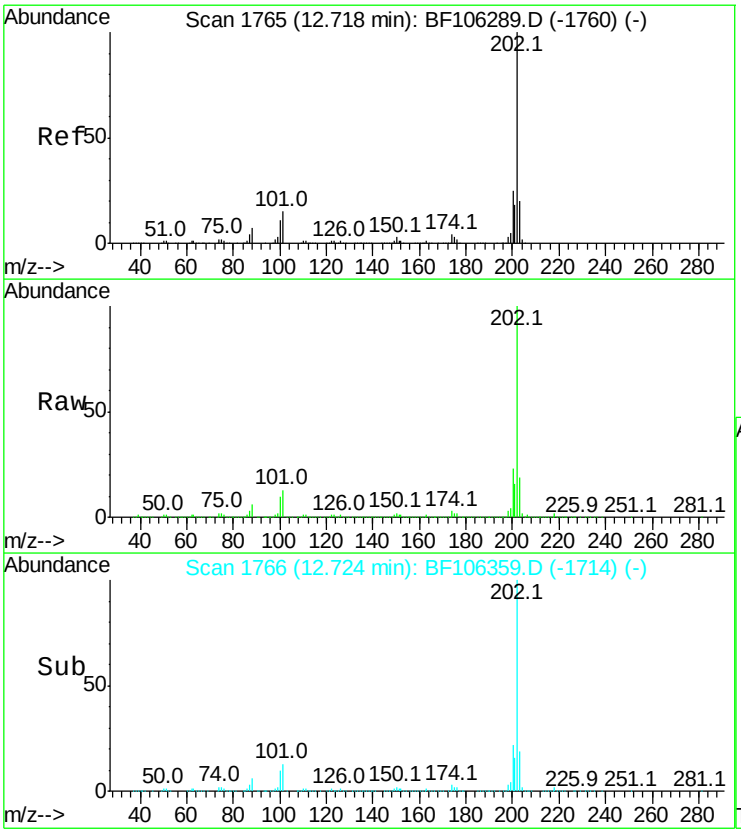
#71
Anthracene
Concen: 10.476 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 201569

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.6	12.6	19.0

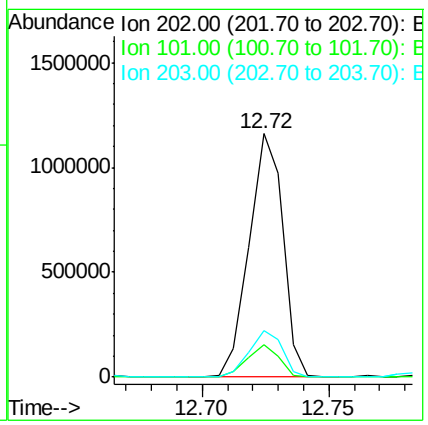


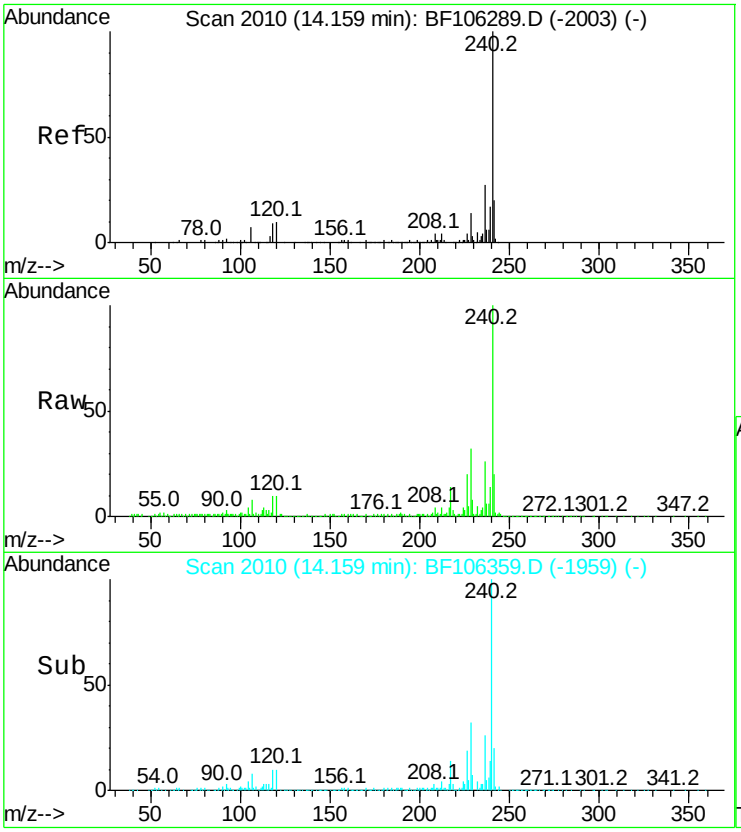


#74
Fluoranthene
Concen: 52.639 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:202 Resp: 1078144

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	19.2	0.0	38.1



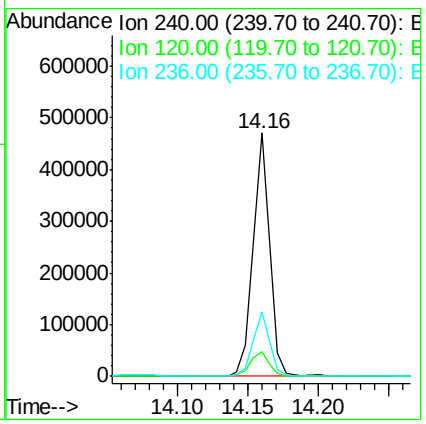


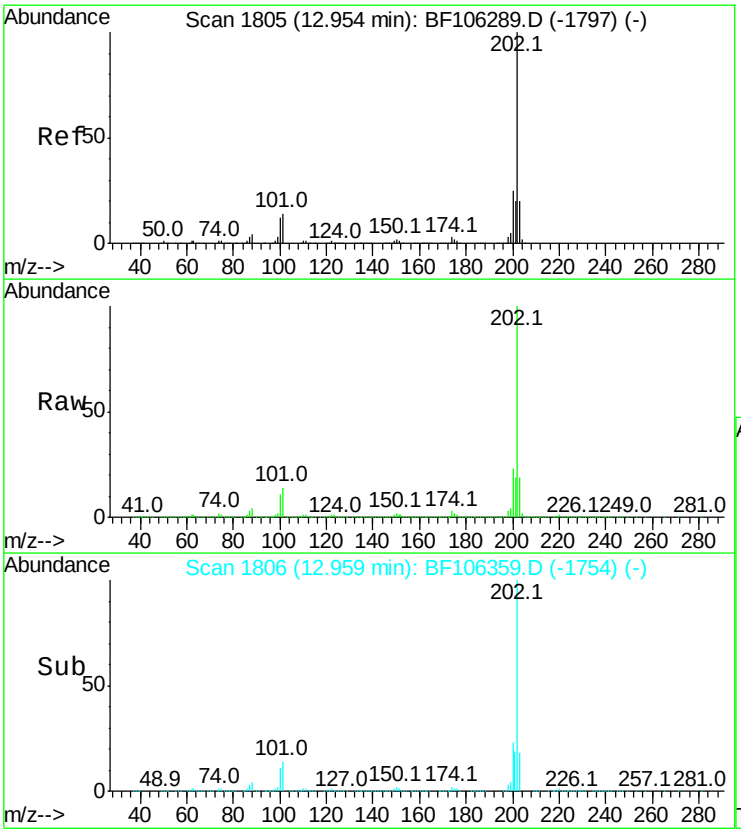
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 390325

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.2	20.7	31.1

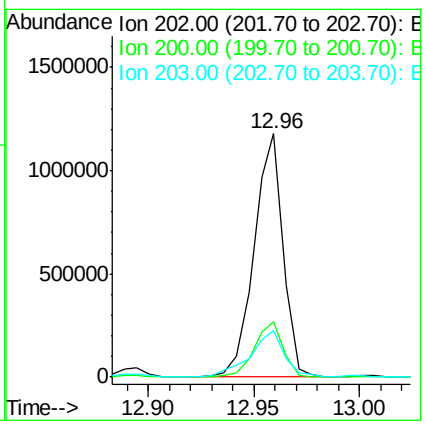


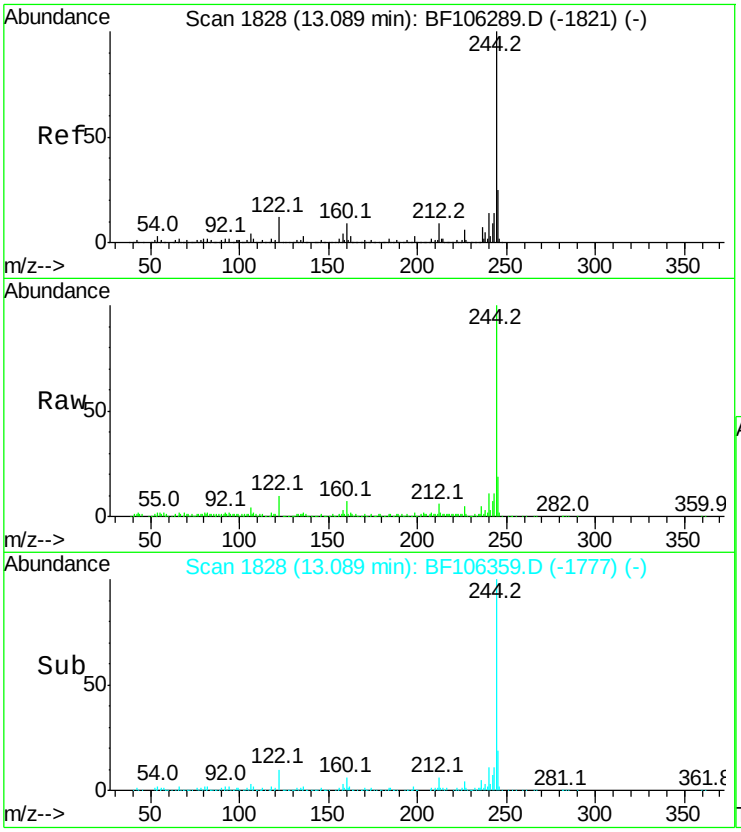


#77
Pyrene
Concen: 45.905 ng
RT: 12.96 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:202 Resp: 1121758

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.9	14.3	21.5



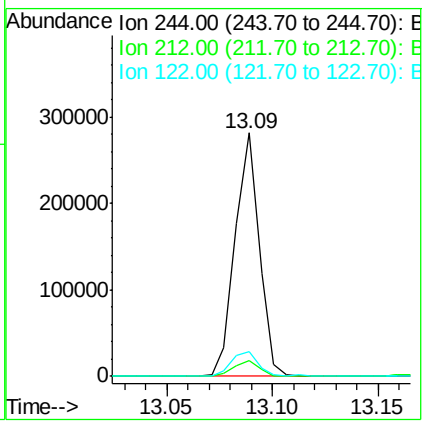


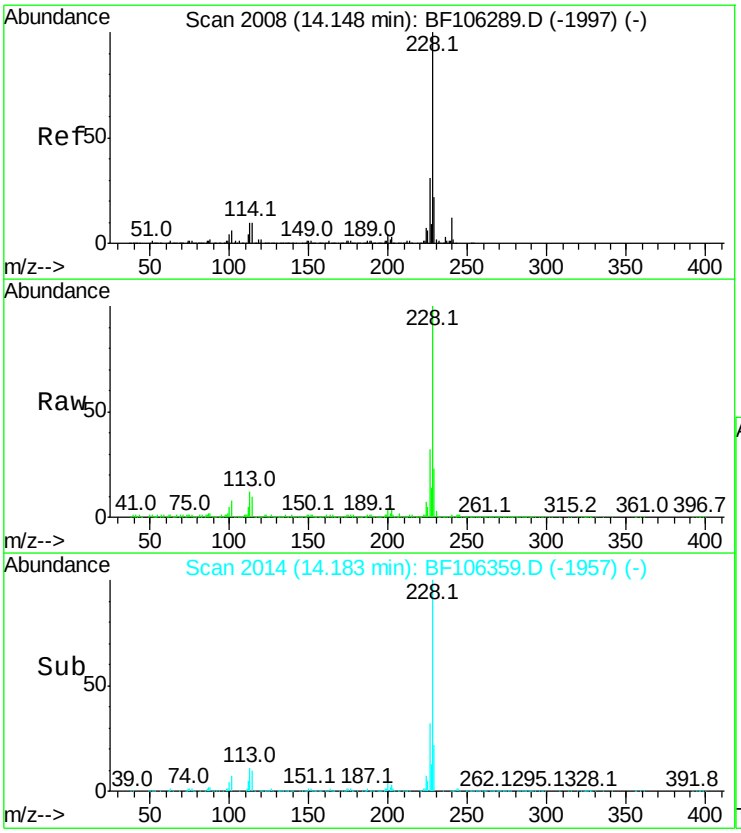
#78
Terphenyl-d14
Concen: 14.198 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 223114

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.9	11.0	16.4#

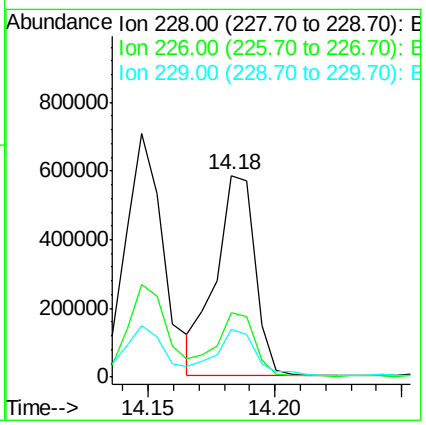


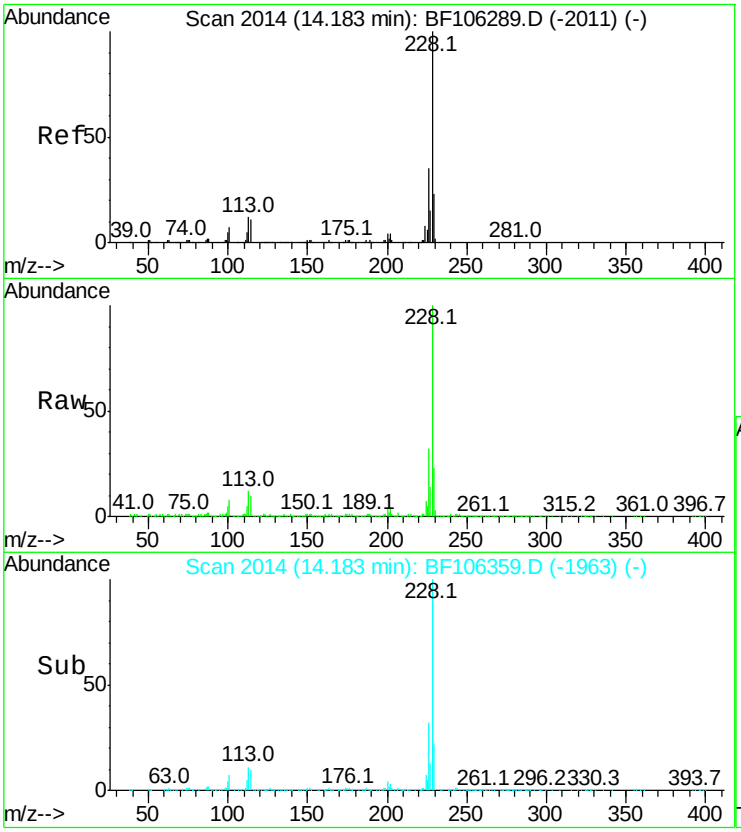


#80
Benzo(a)anthracene
Concen: 27.170 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.04 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:228 Resp: 631101

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	23.5	15.8	23.6



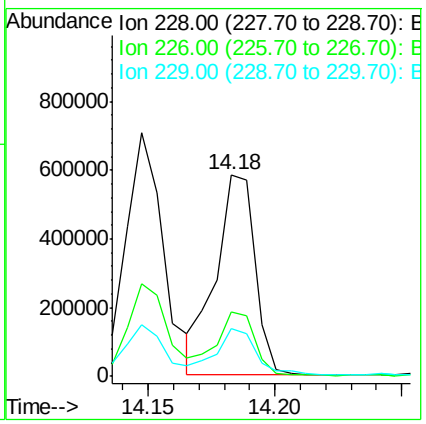


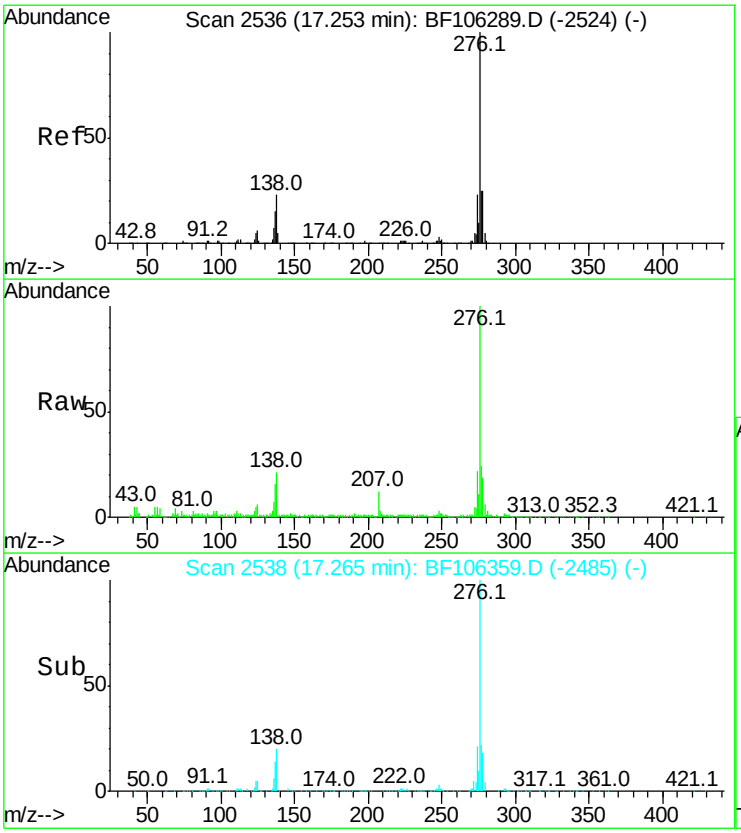
#82
Chrysene
Concen: 29.759 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 631101

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	23.5	16.2	24.4

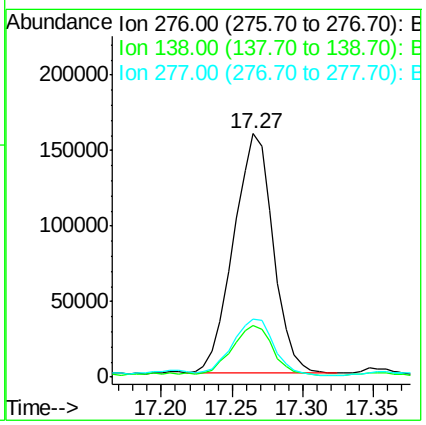


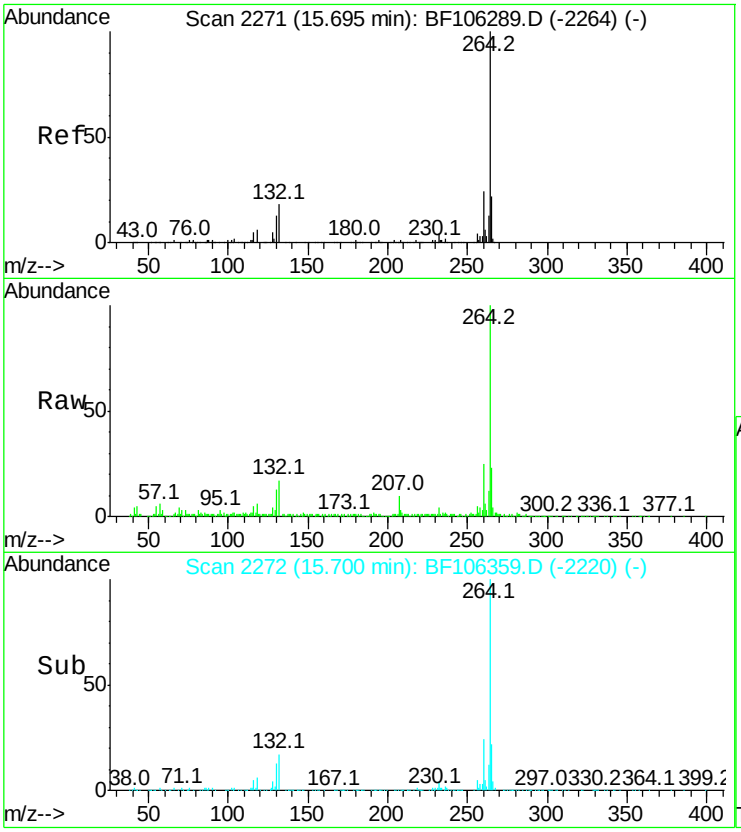


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.453 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:276 Resp: 312312

Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	24.3	20.1	30.1



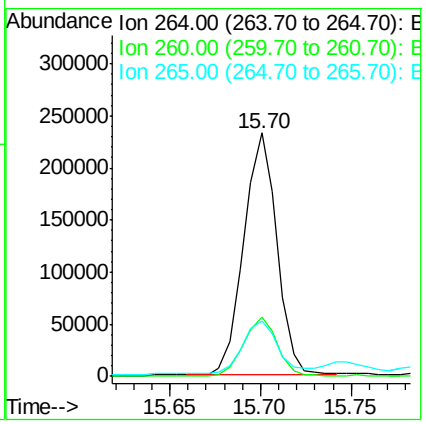


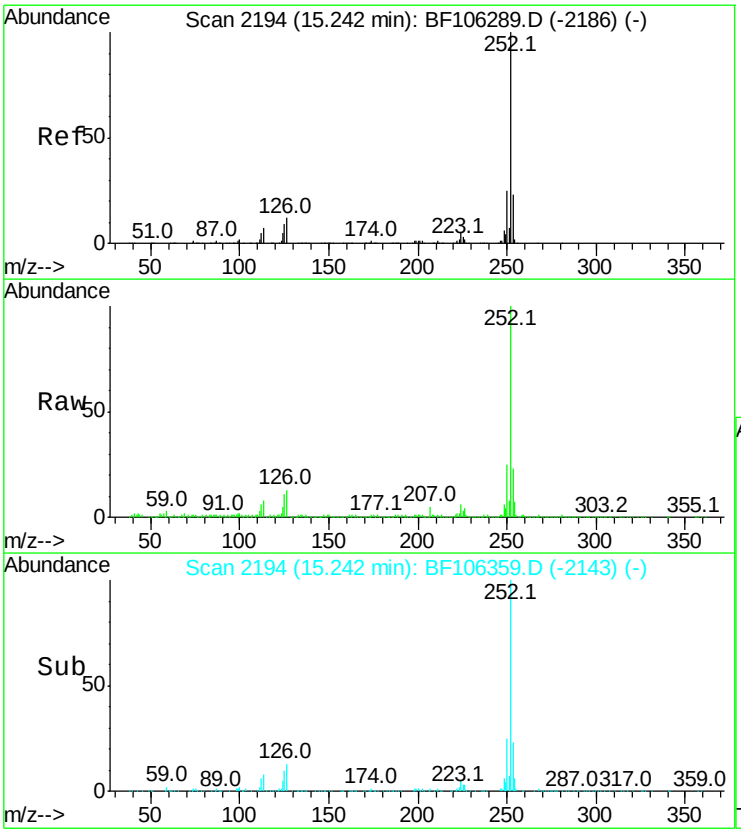
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 296258

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.9	17.5	26.3

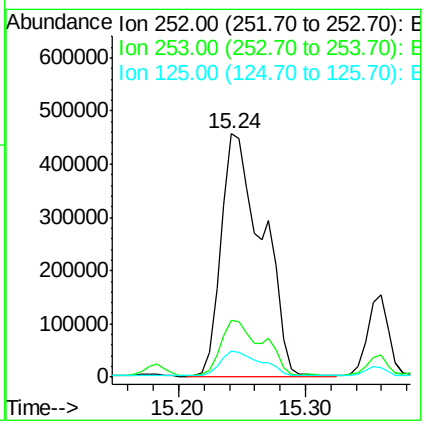


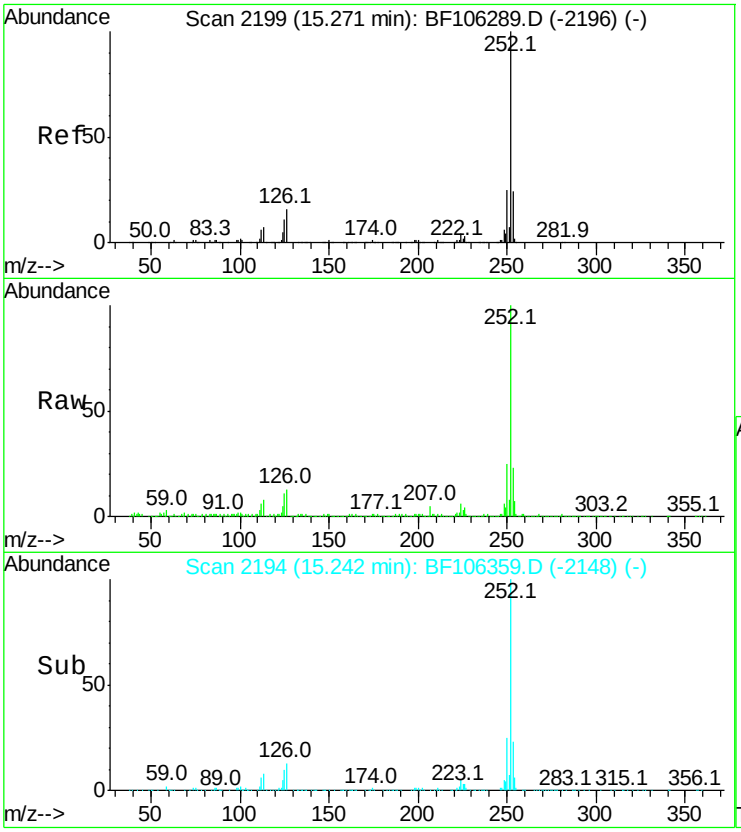


#87
Benzo(b)fluoranthene
Concen: 57.537 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:252 Resp: 1030401

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	10.8	9.0	13.6



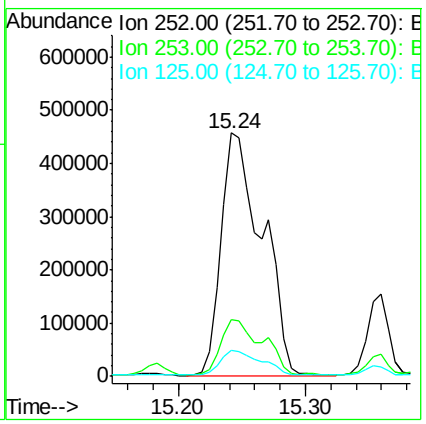


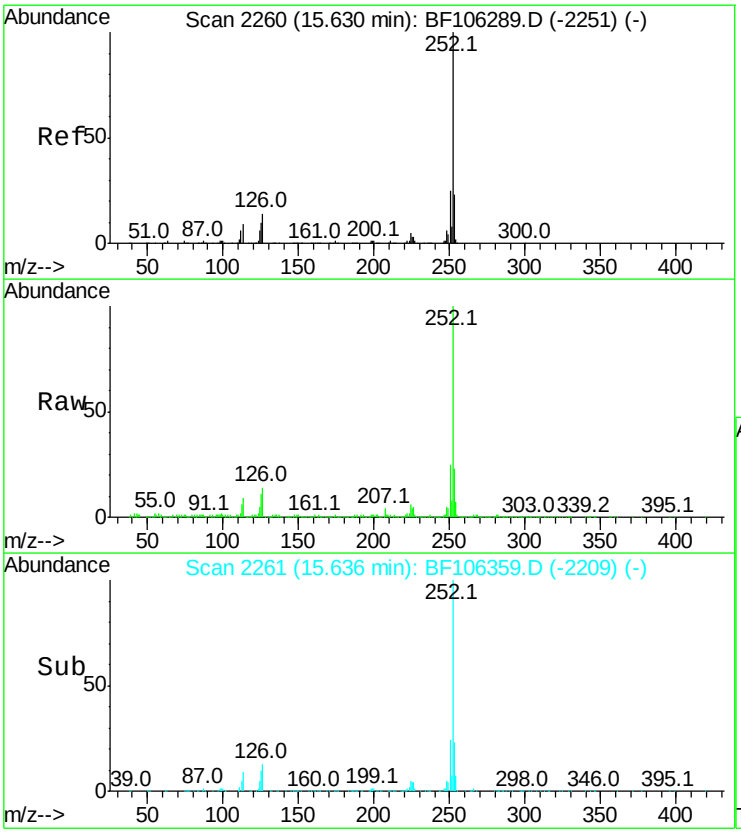
#88
Benzo(k)fluoranthene
Concen: 58.096 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.03 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1030401

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.8	10.2	15.2

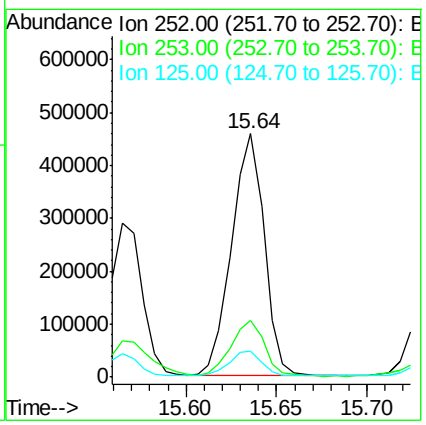


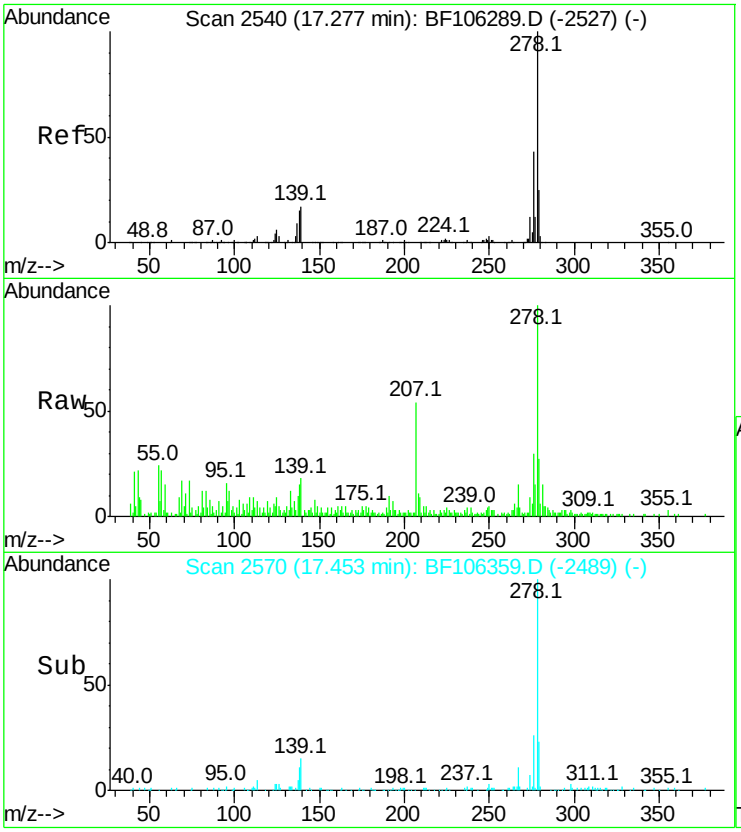


#89
Benzo(a)pyrene
Concen: 35.774 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:252 Resp: 576248

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.8	9.8	14.6



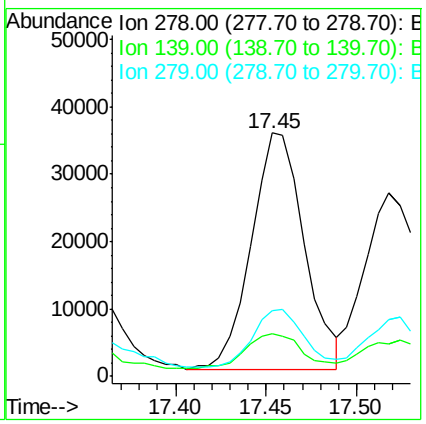


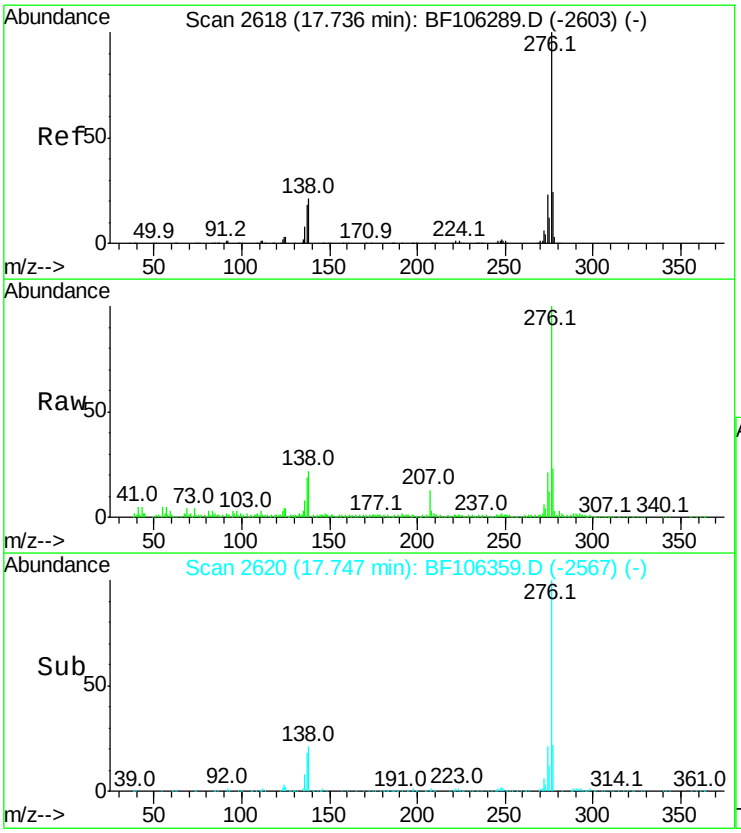
#90
Dibenzo(a,h)anthracene
Concen: 5.315 ng
RT: 17.45 min Scan# 2570
Delta R.T. 0.18 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 71370

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	26.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 24.051 ng
RT: 17.75 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BF106359.D
Acq: 12 Jun 2018 21:51

Tgt Ion:276 Resp: 313886

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.2	21.8	32.8