Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100986.D
Acq On : 29 Nov 2017 18:58
Operator : SJ/JU
Sample : I6304-22 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 23:42:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77594	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	292738	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	120370	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	188311	20.00	ng		0.00
75) Chrysene-d12	14.02	240	152960	20.00	ng		0.00
86) Perylene-d12	15.50	264	118263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	83750	17.30	ng		-0.01
7) Phenol-d6	6.47	99	102983	17.25	ng		-0.02
23) Nitrobenzene-d5	7.41	82	58433	13.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	21788	17.76	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	131067	16.58	ng		-0.01
78) Terphenyl-d14	12.96	244	93602	14.06	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.41	82	58444	6.281	ng	#	64
31) Naphthalene	8.16	128	53854	3.819	ng		99
37) 2-Methylnaphthalene	8.85	142	27863	2.977	ng		99
47) 2-Nitroaniline	9.55	65	196	2.867	ng	#	2
48) Acenaphthylene	9.75	152	42168	3.369	ng		99
50) 2,6-Dinitrotoluene	9.89	165	16935	9.309	ng	#	24
51) Acenaphthene	9.92	154	25094	3.297	ng		99
54) Dibenzofuran	10.09	168	35773	3.353	ng		98
55) 4-Nitrophenol	10.09	139	13197	7.566	ng	#	10
57) Fluorene	10.44	166	59700	7.638	ng		96
70) Phenanthrene	11.40	178	280975	28.339	ng		98
71) Anthracene	11.46	178	96161	9.560	ng		99
74) Fluoranthene	12.60	202	390282	37.142	ng		96
77) Pyrene	12.83	202	375513	34.439	ng		98
80) Benzo(a)anthracene	14.02	228	215881	23.437	ng		94
82) Chrysene	14.05	228	186310	20.887	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	72711	10.078	ng	#	90
87) Benzo(b)fluoranthene	15.07	252	251596	35.909	ng		98
88) Benzo(k)fluoranthene	15.07	252	251596	38.005	ng		97
89) Benzo(a)pyrene	15.43	252	137701	22.169	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	20015	3.940	ng		95
91) Benzo(g,h,i)perylene	17.42	276	70217	14.121	ng	#	91

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

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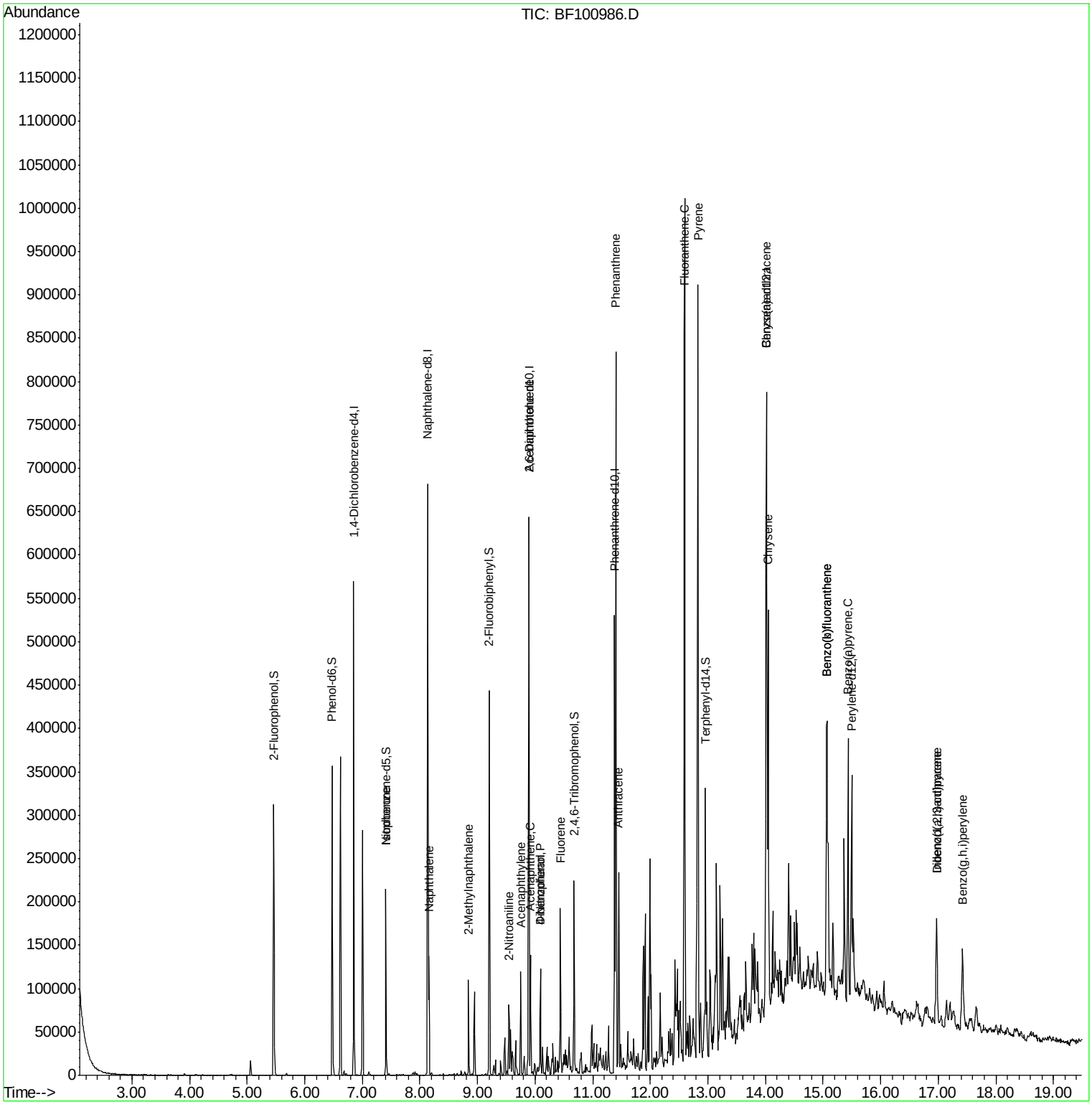
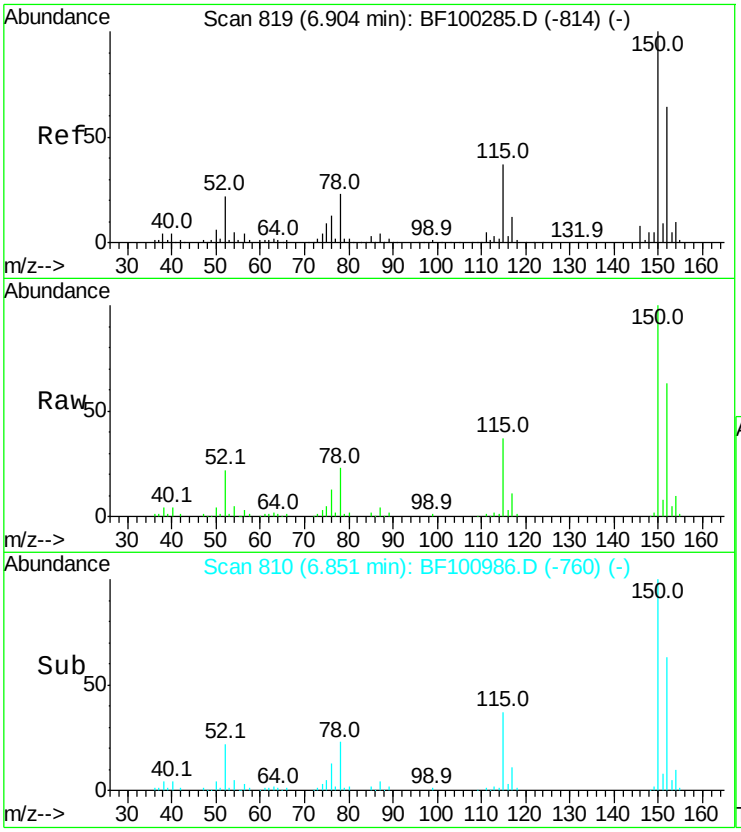


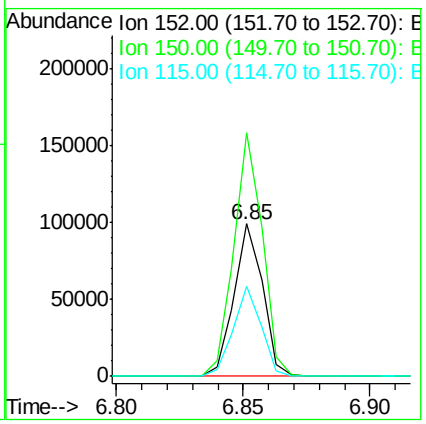


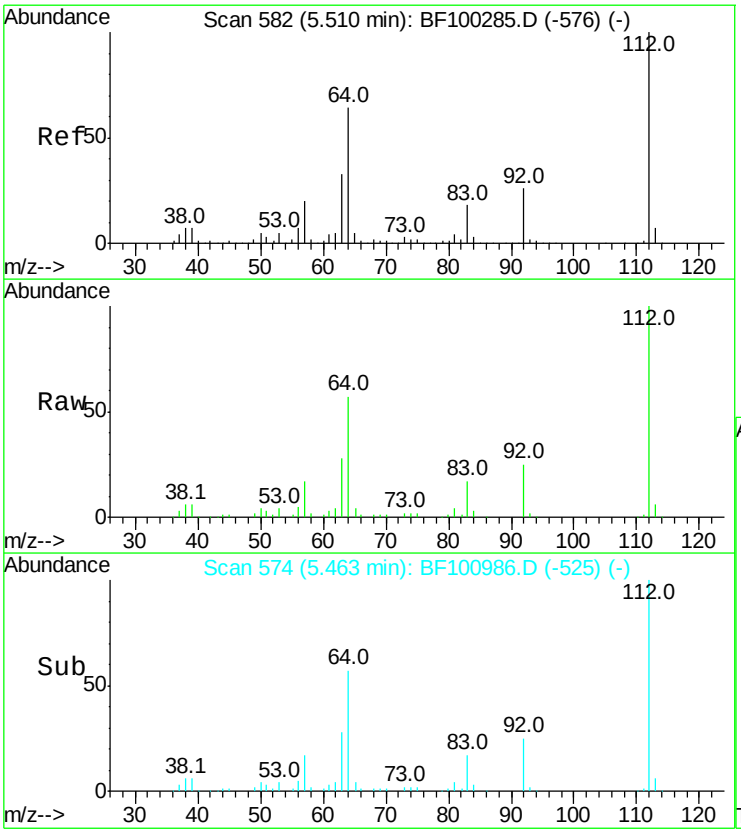
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77594

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	59.1	50.1	75.1

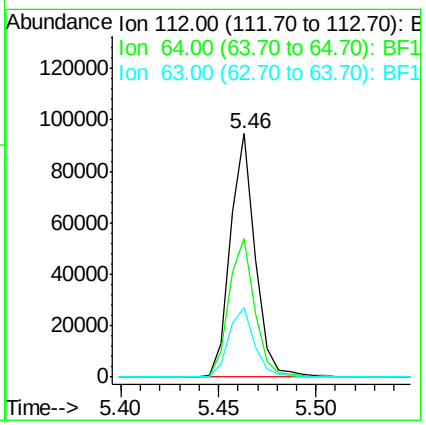


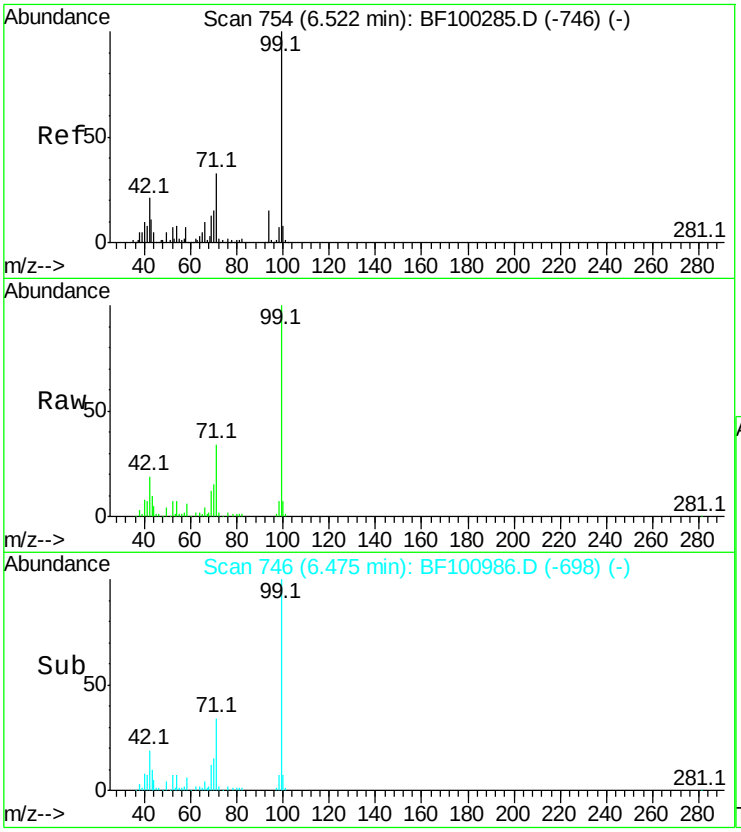


#5
2-Fluorophenol
Concen: 17.302 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:112 Resp: 83750

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.4	23.7	35.5



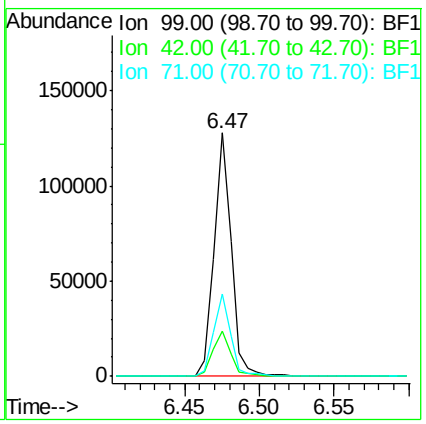


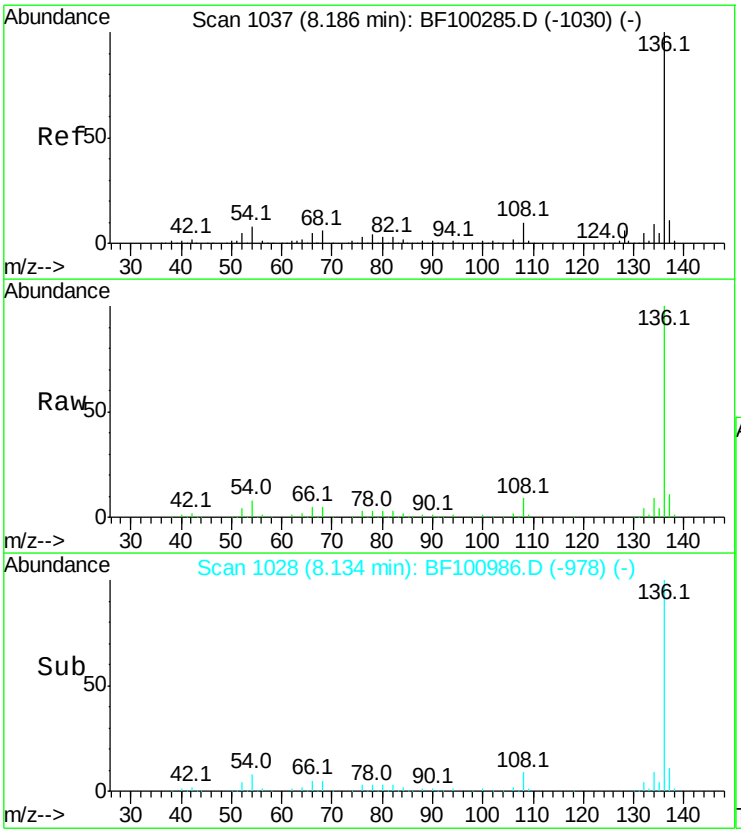
#7
Phenol-d6
Concen: 17.253 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 102983

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.0	25.4	38.0

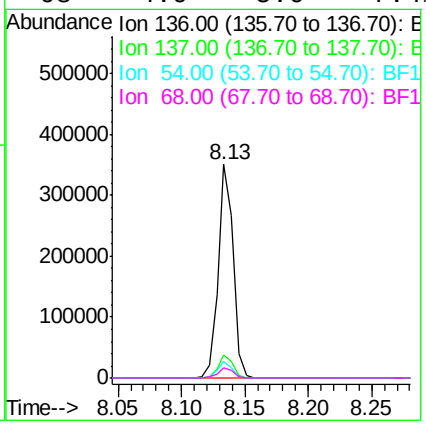


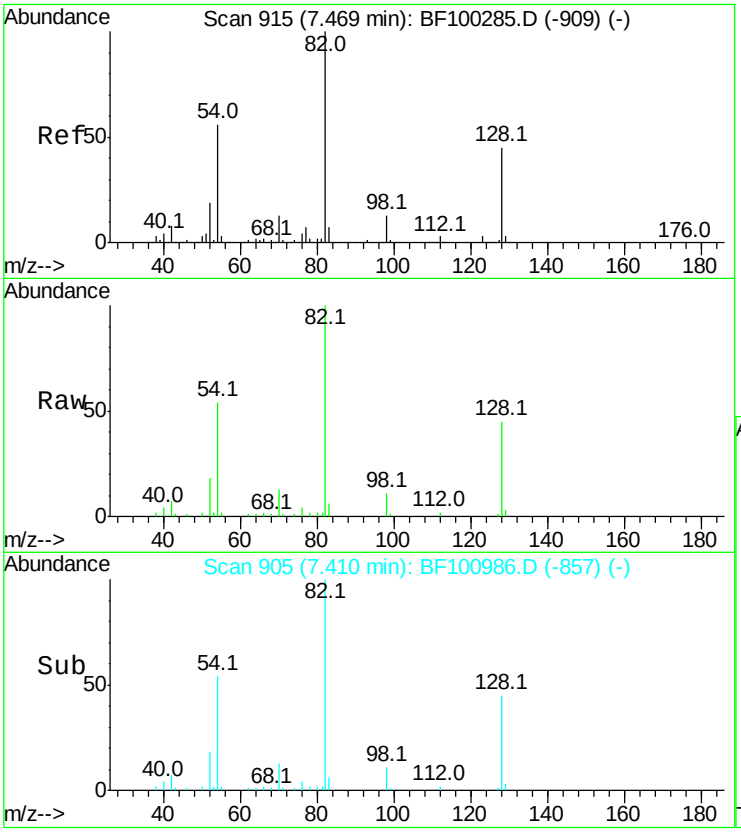


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:136 Resp: 292738

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	4.9	5.0	7.4#



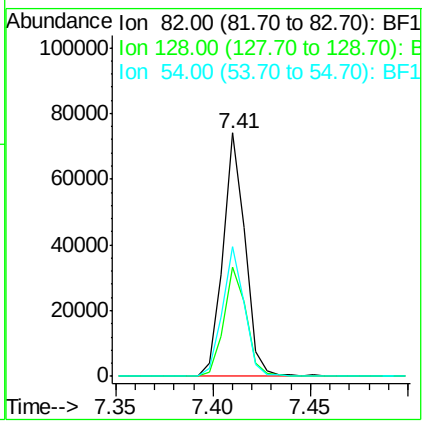


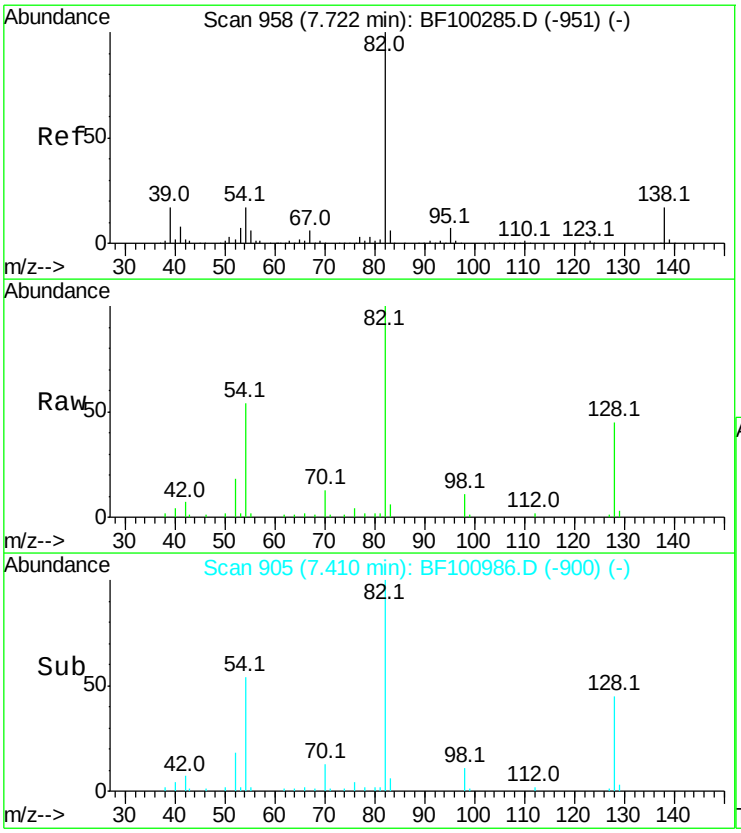
#23
Nitrobenzene-d5
Concen: 13.197 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 58433

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	53.5	41.4	62.2

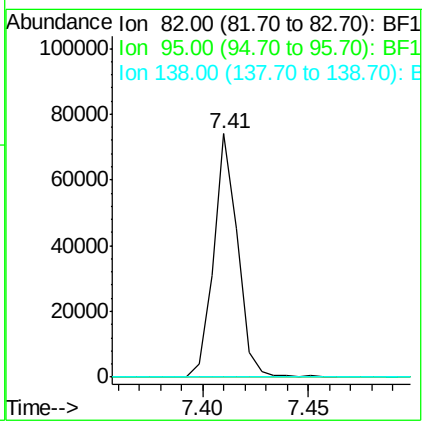


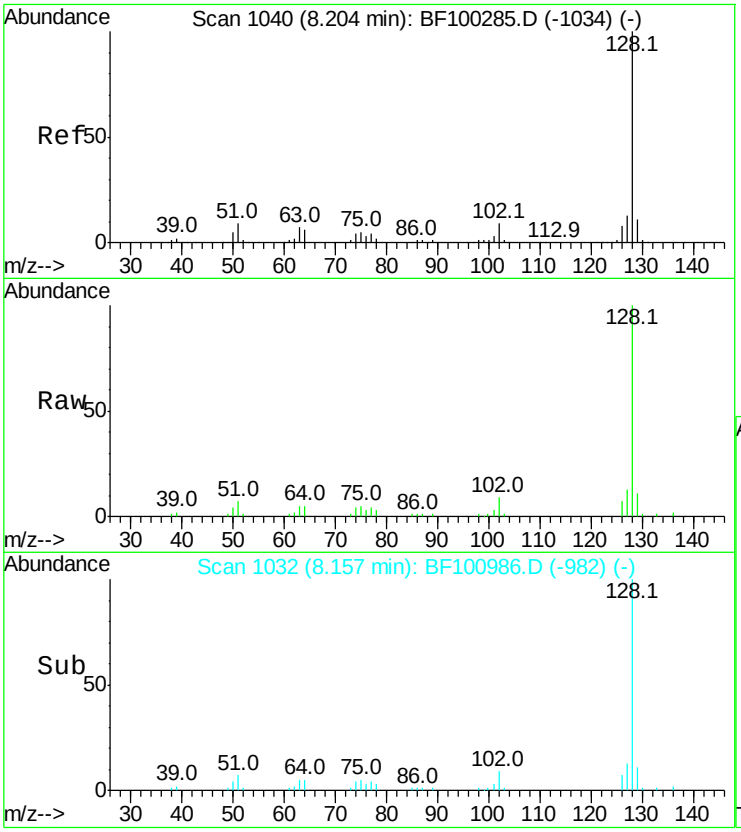


#25
Isophorone
Concen: 6.281 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion: 82 Resp: 58444

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



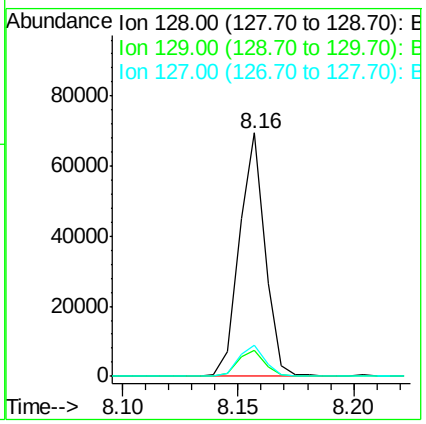


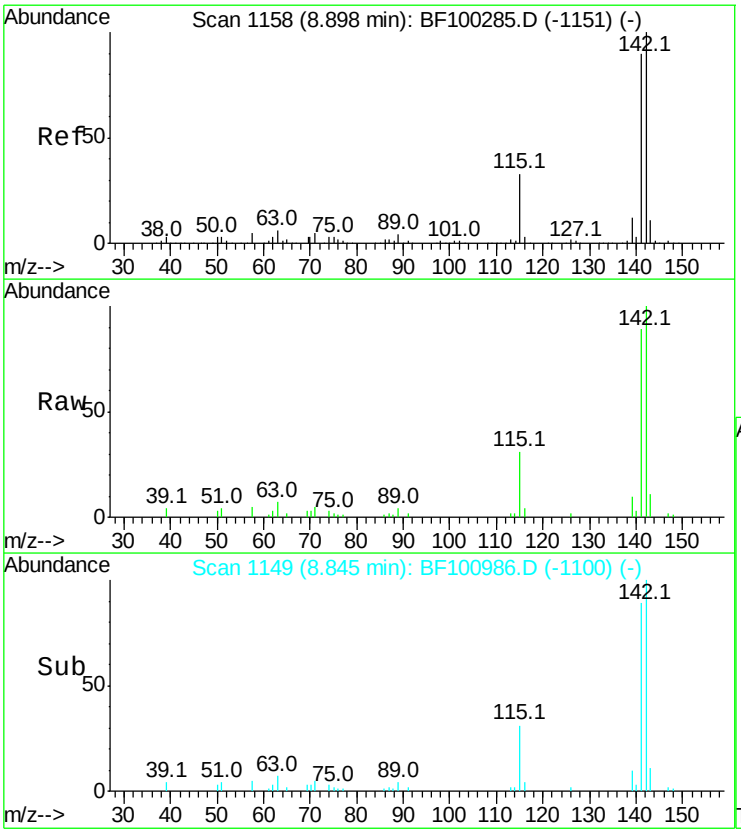
#31
Naphthalene
Concen: 3.819 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 53854

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.7	10.9	16.3

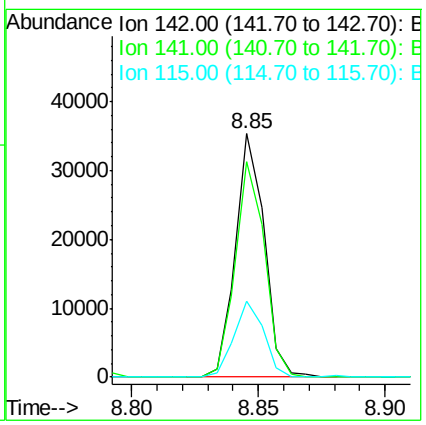


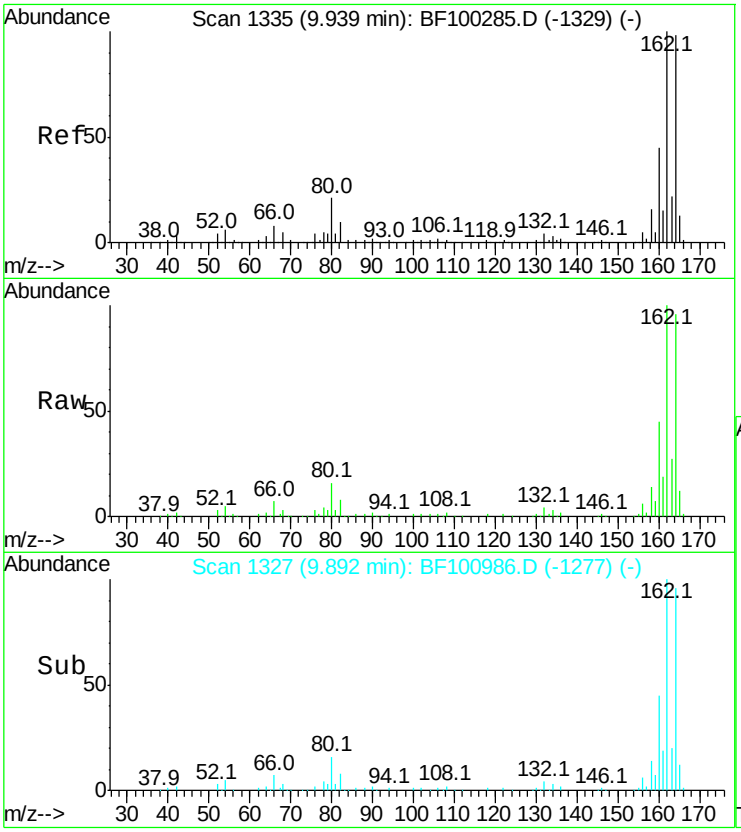


#37
2-Methylnaphthalene
Concen: 2.977 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:142 Resp: 27863

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.3	26.1	39.1



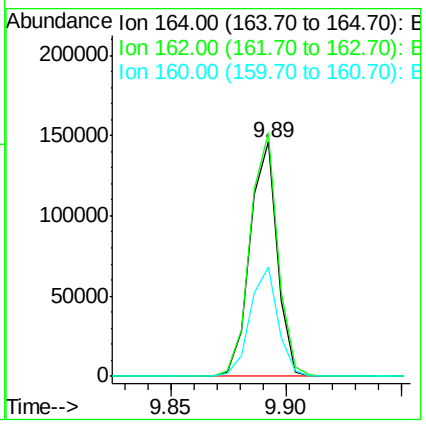


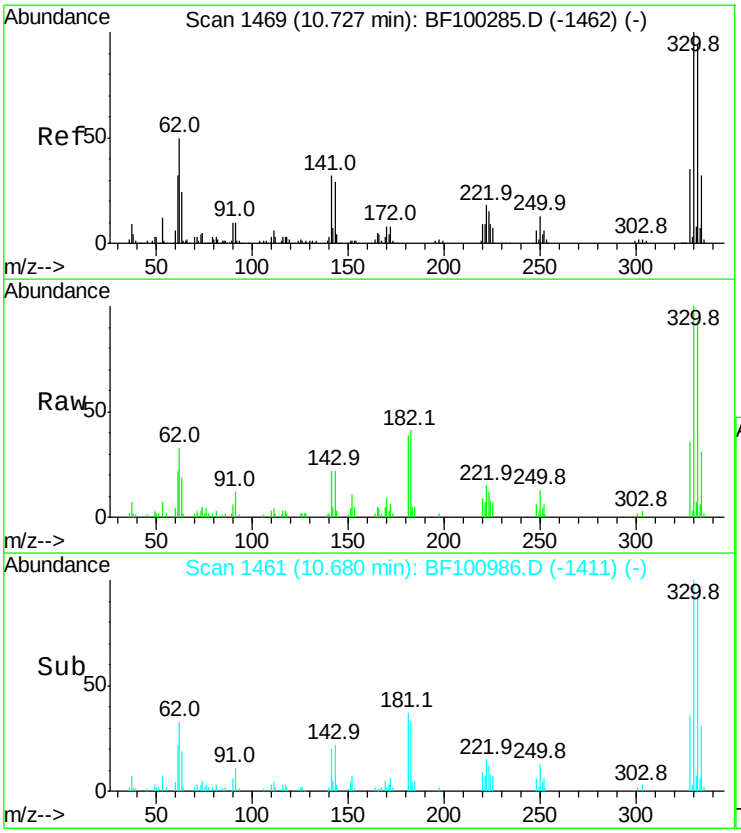
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 120370

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.7	38.3	57.5

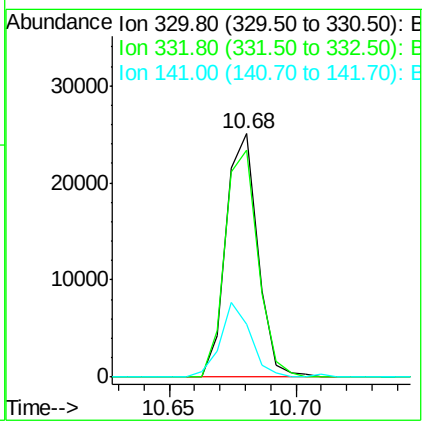


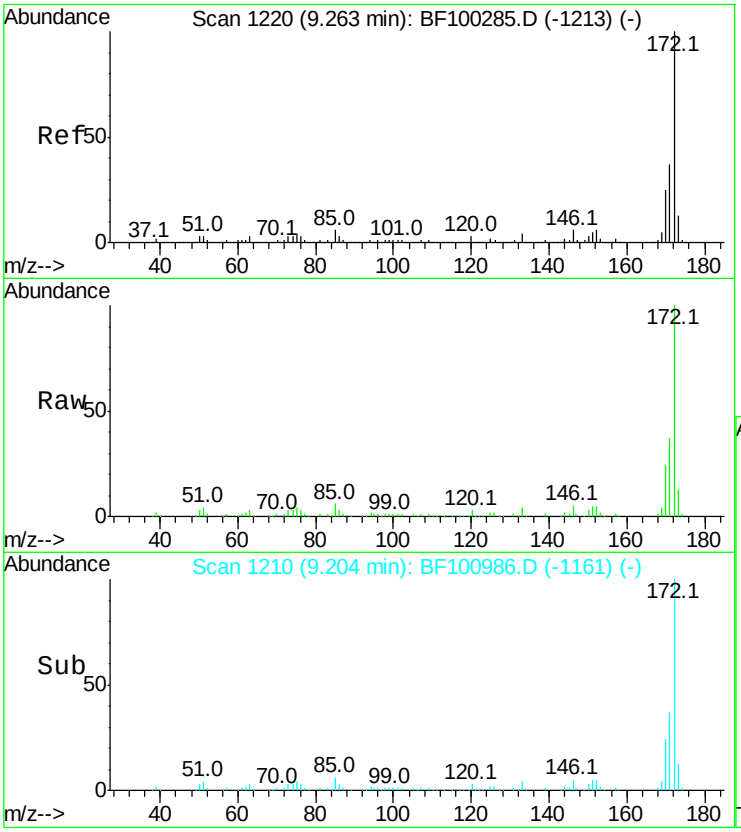


#41
2,4,6-Tribromophenol
Concen: 17.763 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:330 Resp: 21788

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.4	29.9	44.9#



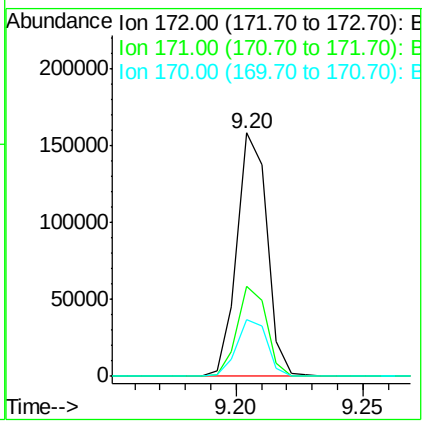


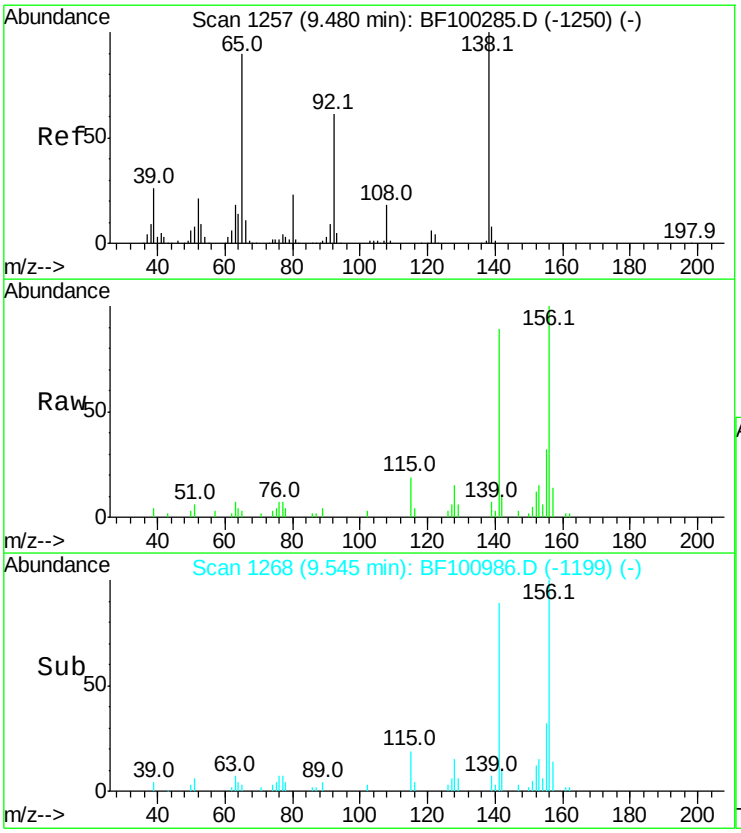
#44
2-Fluorobiphenyl
Concen: 16.580 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 131067

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.5	19.6	29.4

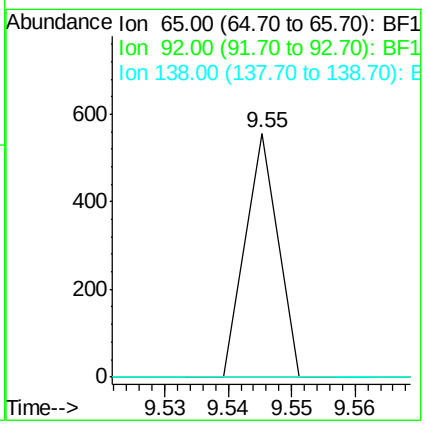


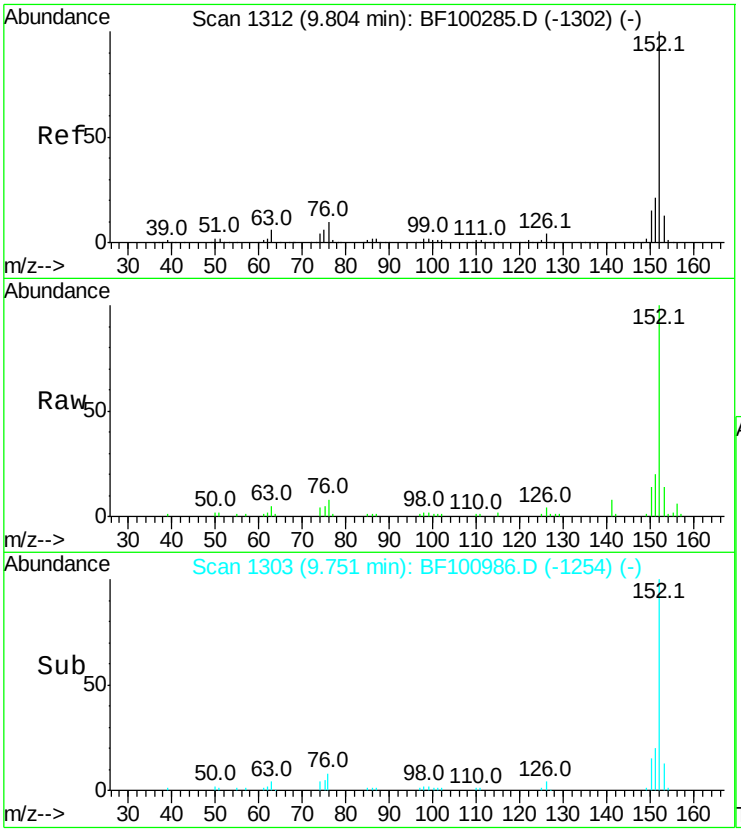


#47
2-Nitroaniline
Concen: 2.867 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.11 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion: 65 Resp: 196

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



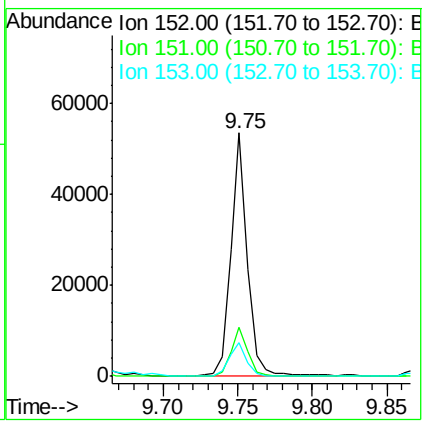


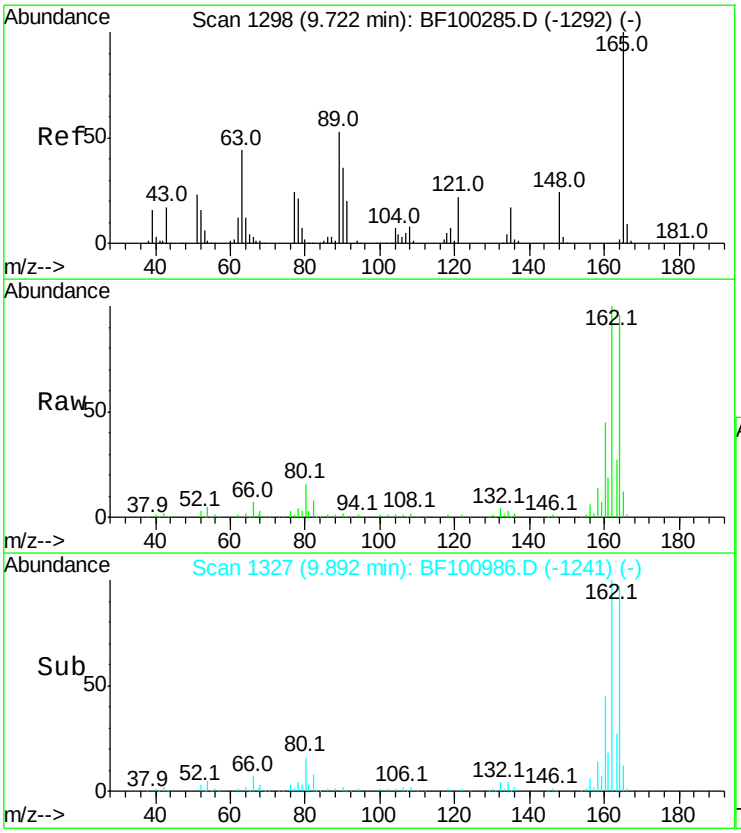
#48
Acenaphthylene
Concen: 3.369 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42168

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.0	10.7	16.1

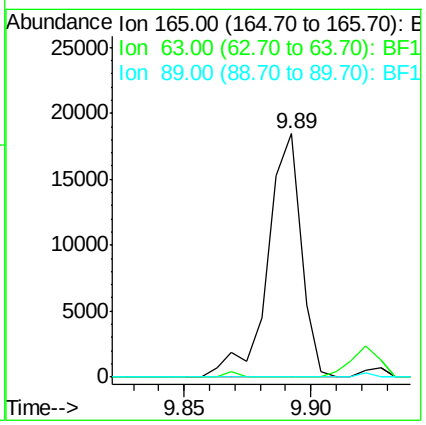


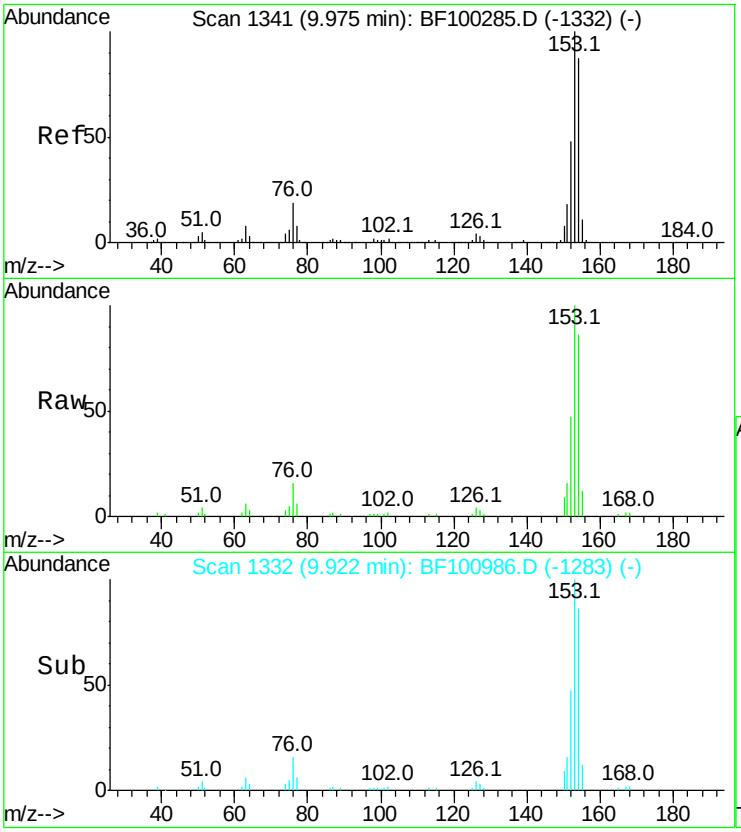


#50
2,6-Dinitrotoluene
Concen: 9.309 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:165 Resp: 16935

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



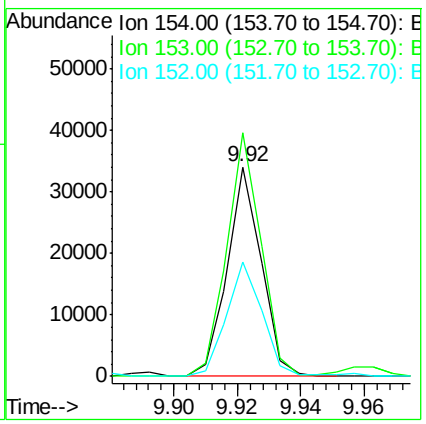


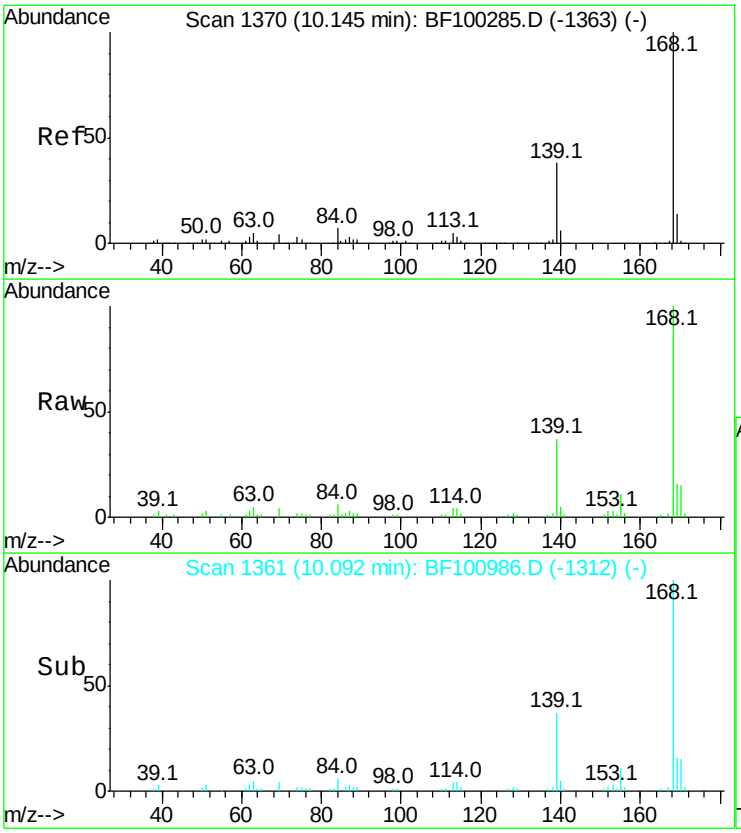
#51
Acenaphthene
Concen: 3.297 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 25094

Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.2	136.8
152	54.8	43.8	65.8

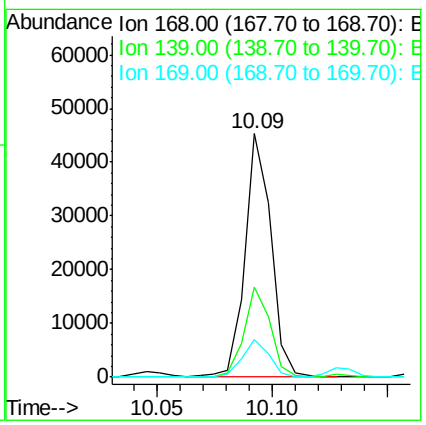


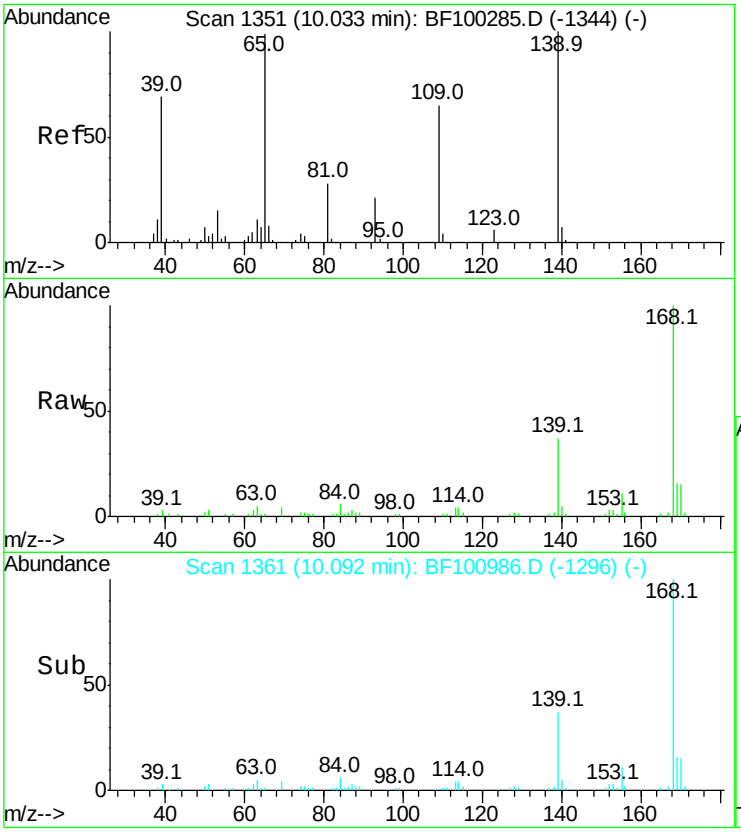


#54
Dibenzofuran
Concen: 3.353 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:168 Resp: 35773

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	15.5	10.9	16.3



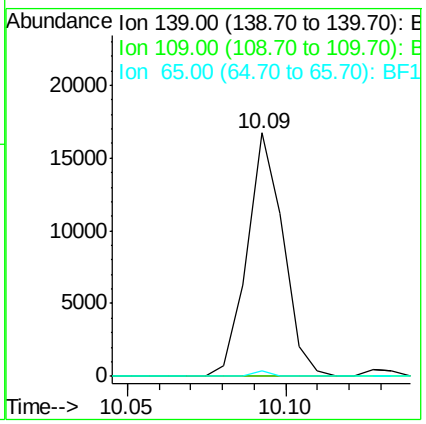


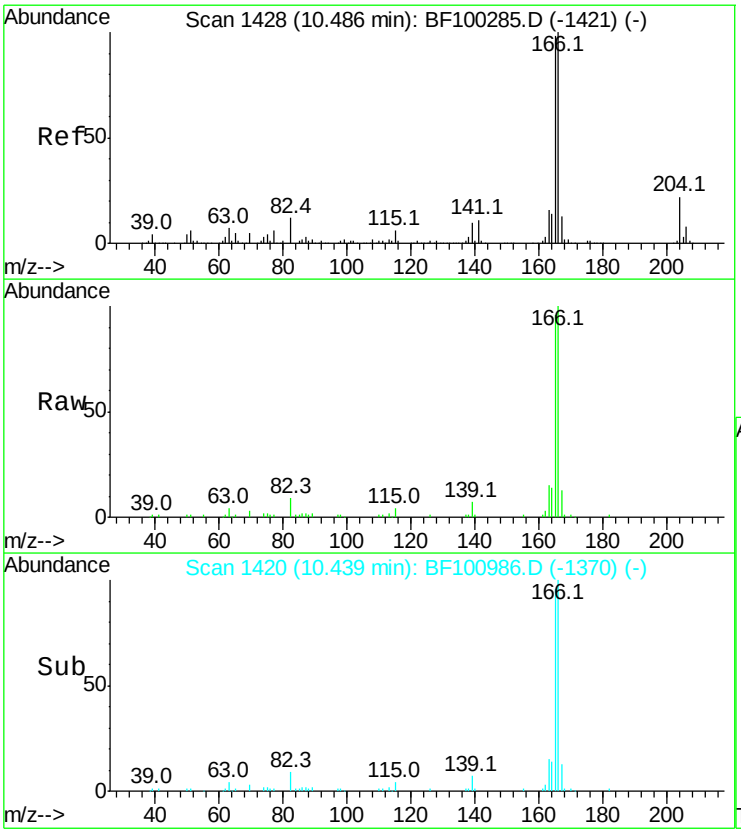
#55
4-Nitrophenol
Concen: 7.566 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 13197

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.5	72.6	112.6#

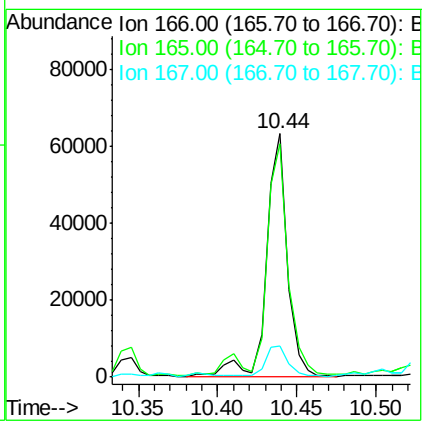


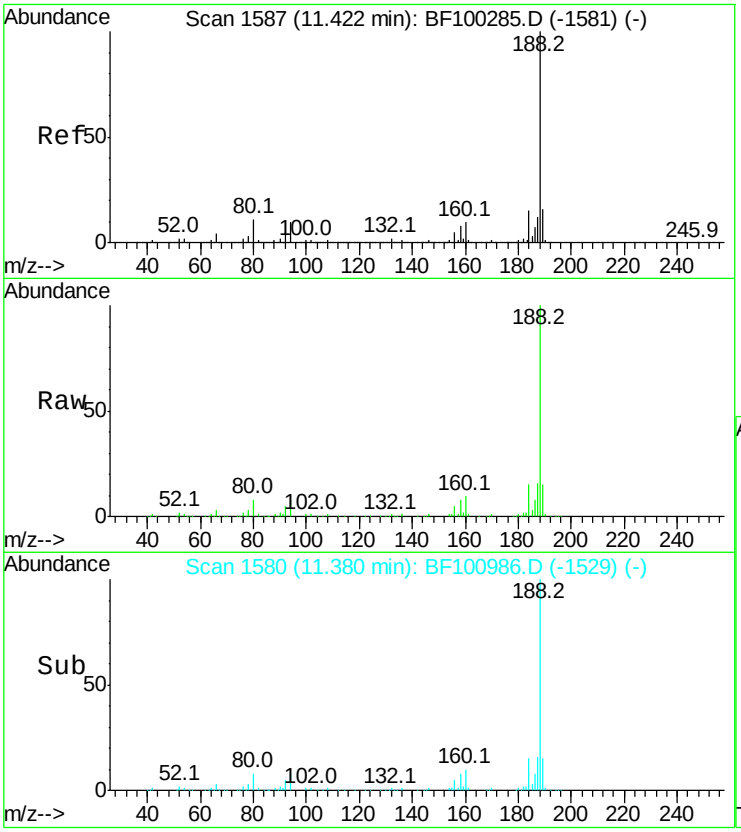


#57
Fluorene
Concen: 7.638 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:166 Resp: 59700

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.8	119.8
167	12.7	10.6	16.0



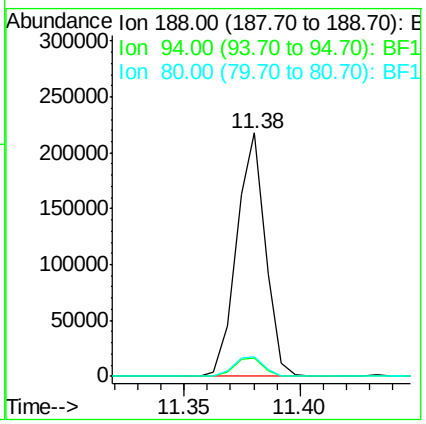


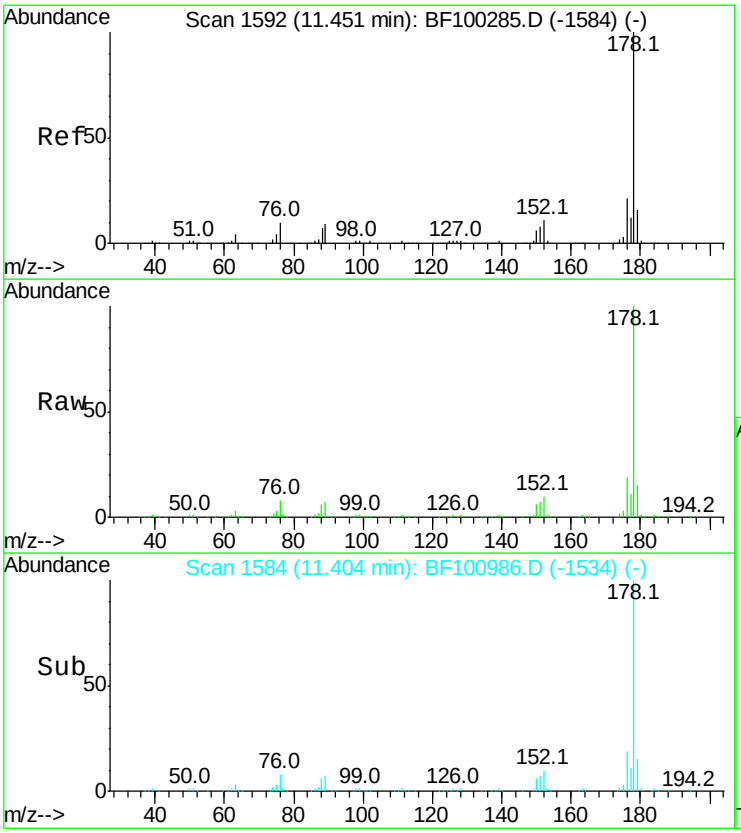
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 188311

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.1	9.2	13.8#

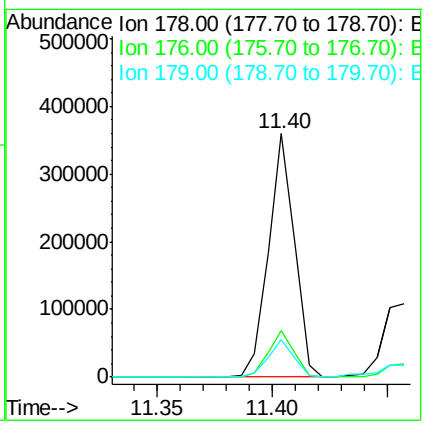


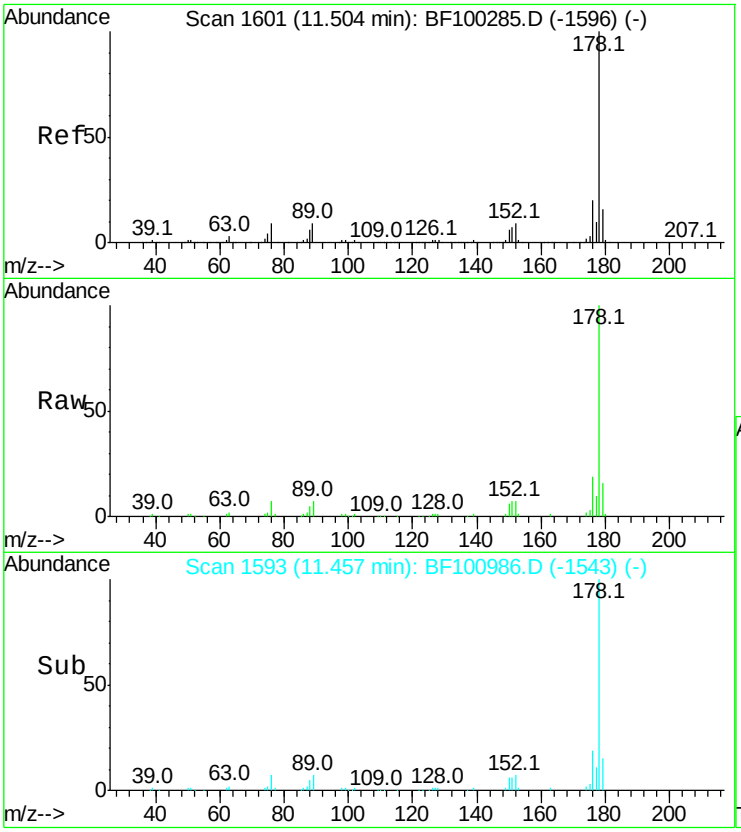


#70
Phenanthrene
Concen: 28.339 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:178 Resp: 280975

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6



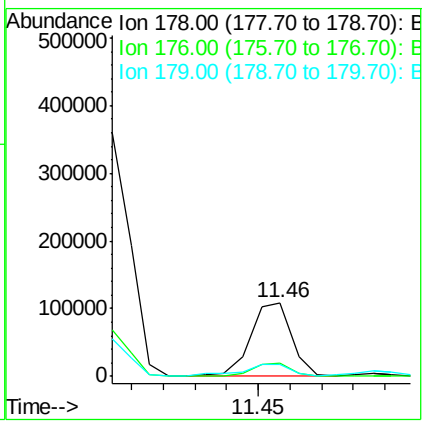


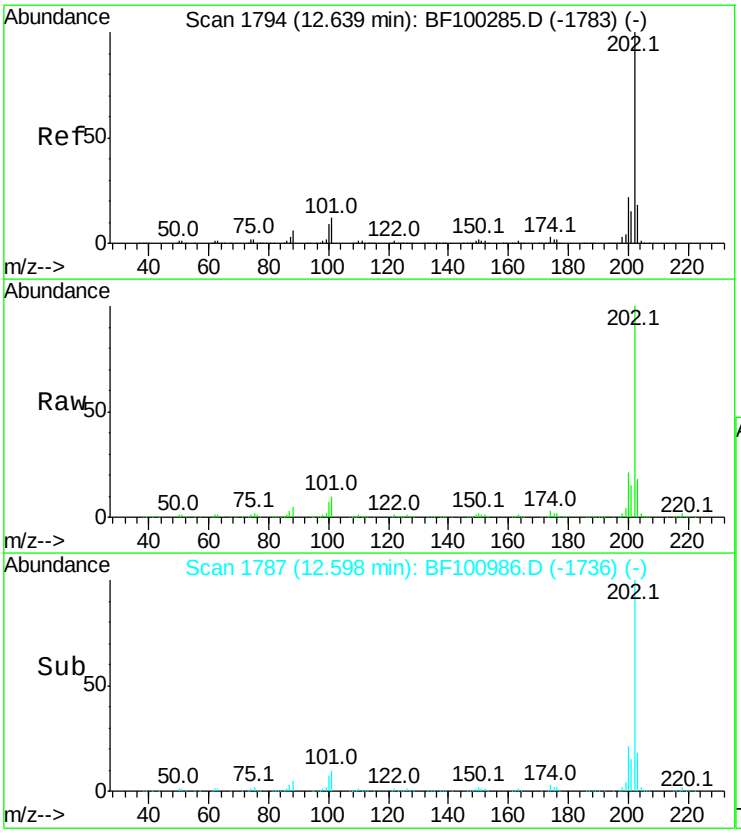
#71
Anthracene
Concen: 9.560 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 96161

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	19.0

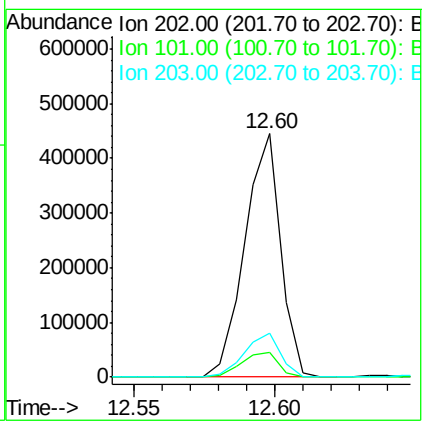


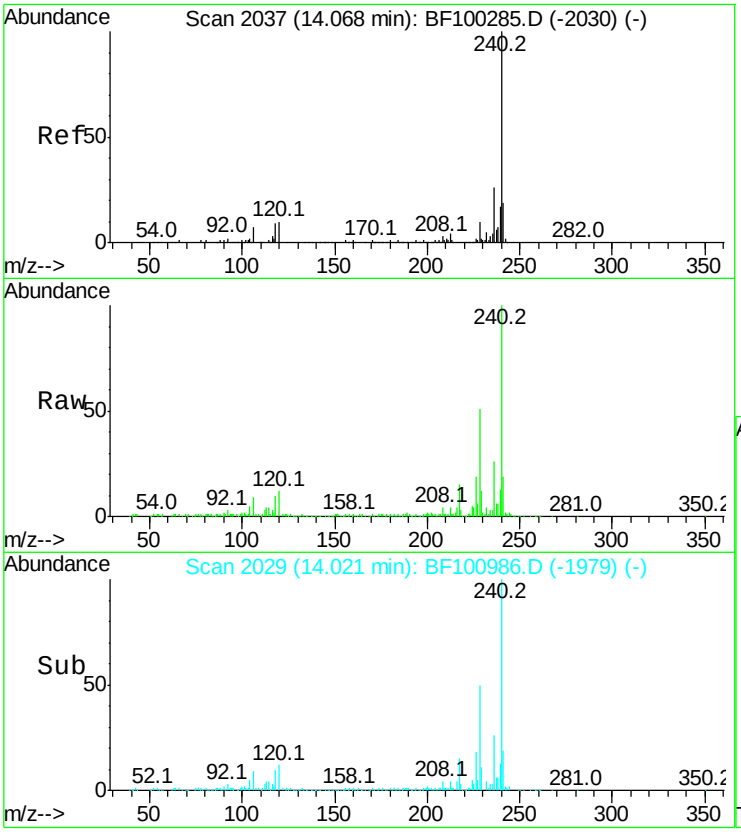


#74
Fluoranthene
Concen: 37.142 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:202 Resp: 390282

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.2	0.0	38.1



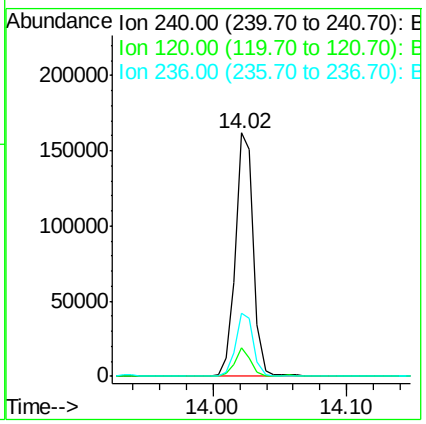


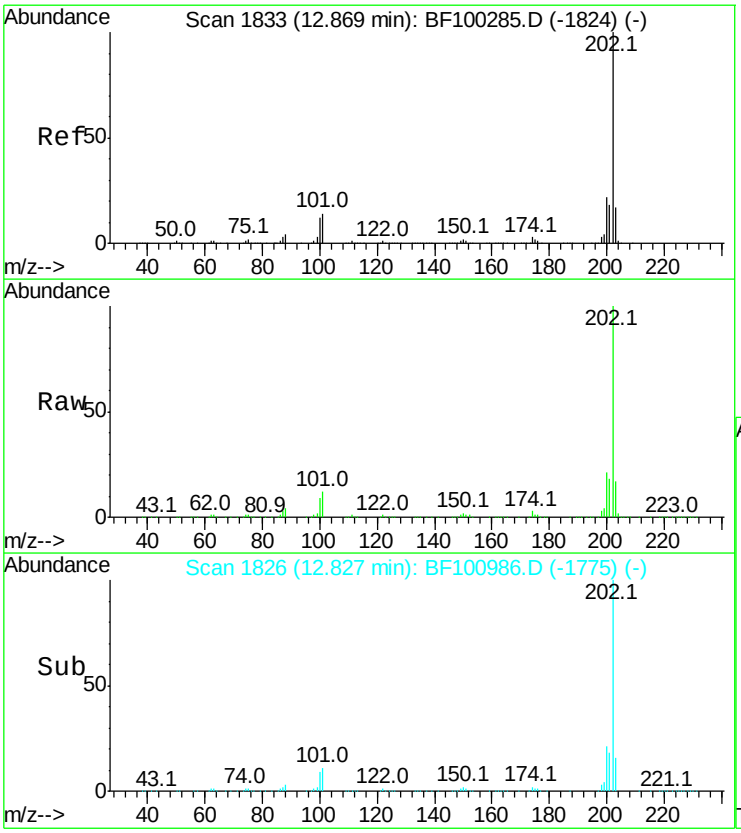
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 152960

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.9	20.7	31.1

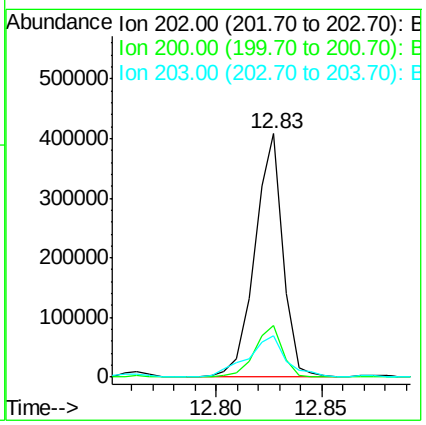


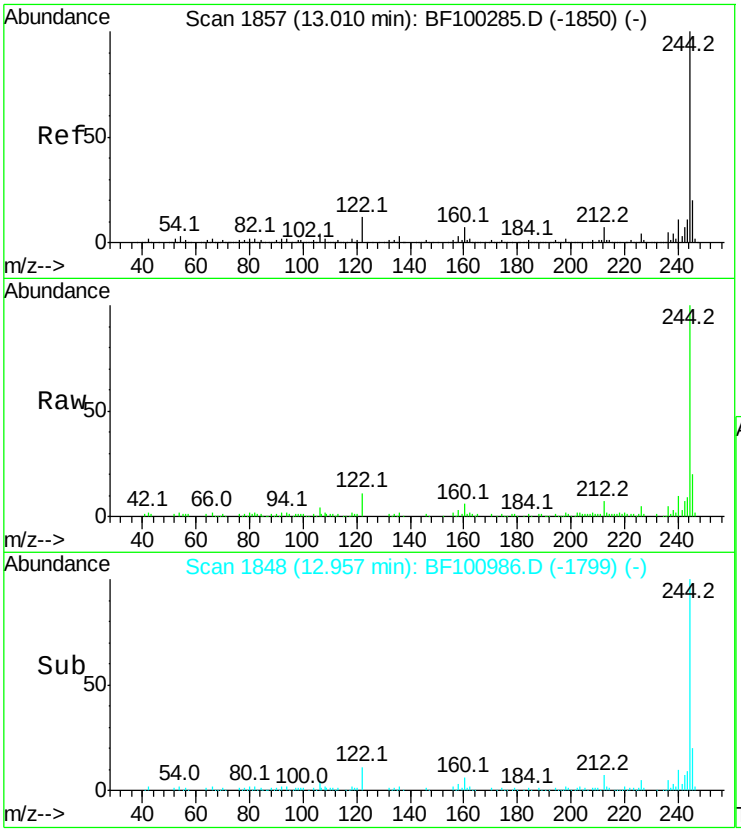


#77
Pyrene
Concen: 34.439 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:202 Resp: 375513

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5



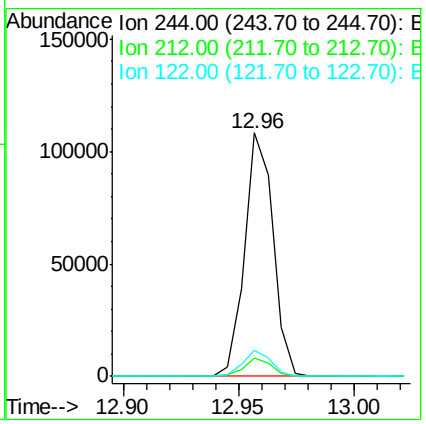


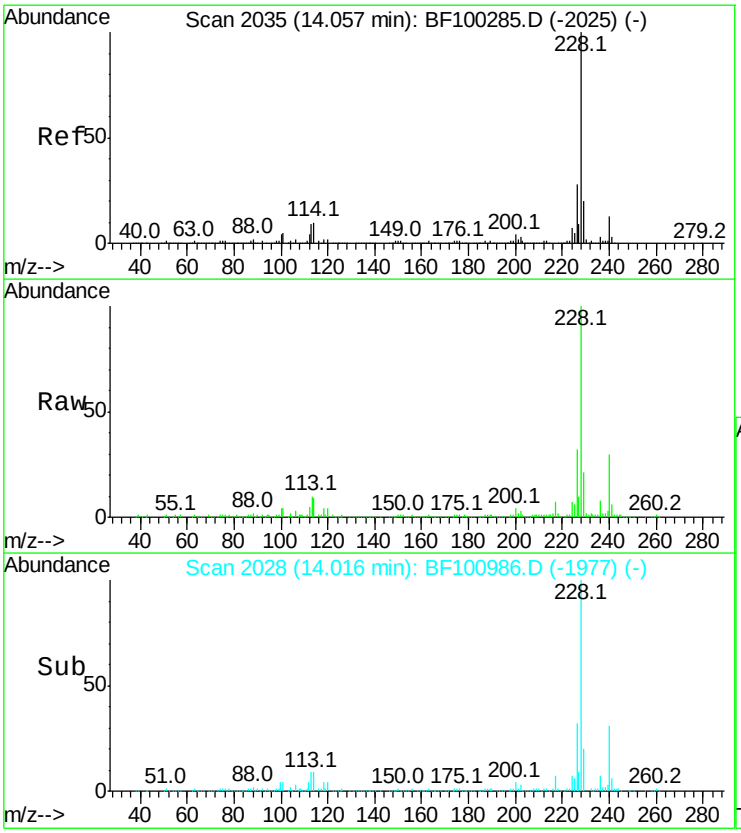
#78
Terphenyl-d14
Concen: 14.061 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 93602

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.6	11.0	16.4#

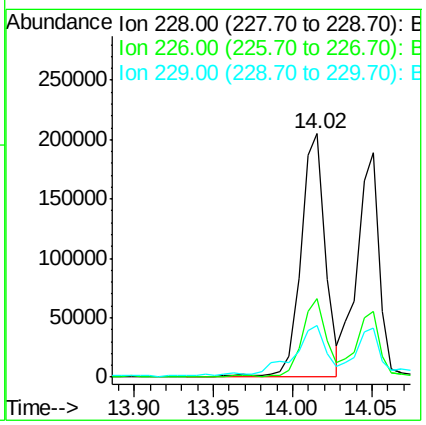


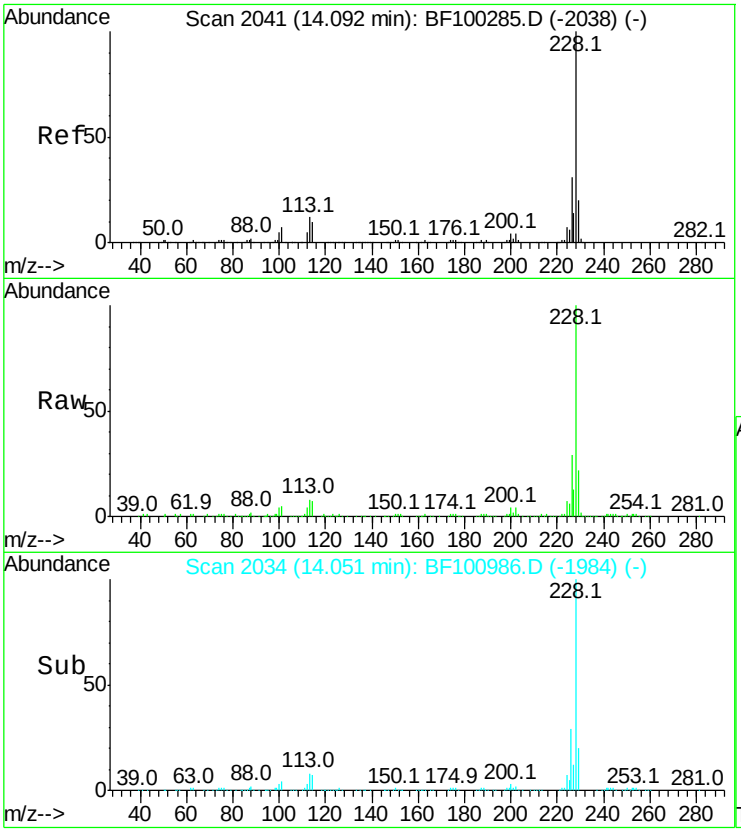


#80
Benzo(a)anthracene
Concen: 23.437 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:228 Resp: 215881

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	21.4	15.8	23.6



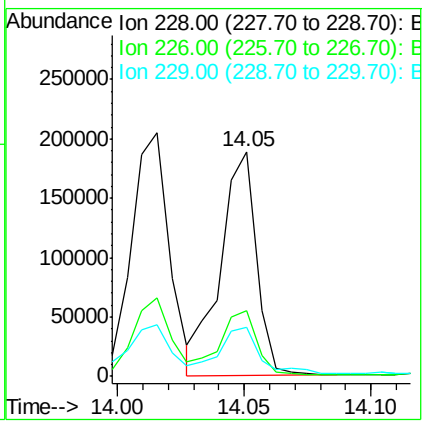


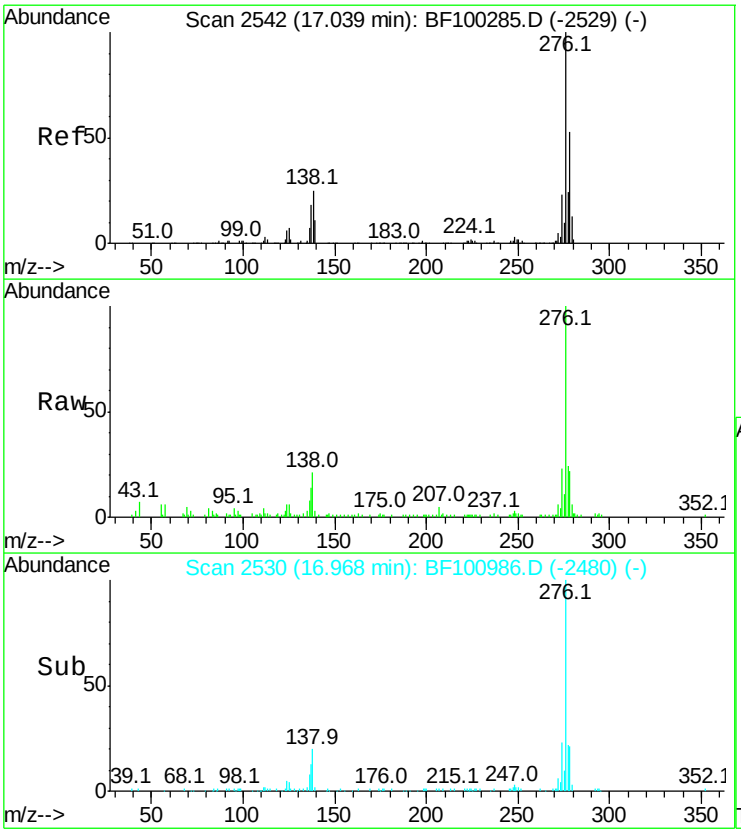
#82
Chrysene
Concen: 20.887 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 186310

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	21.6	16.2	24.4

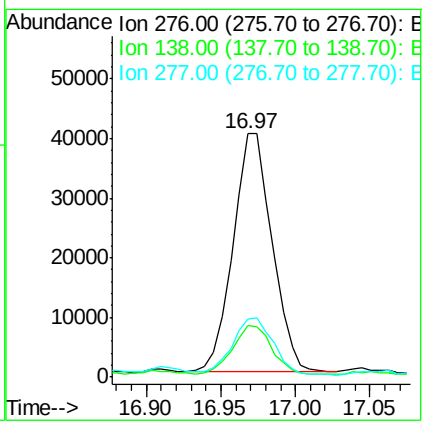


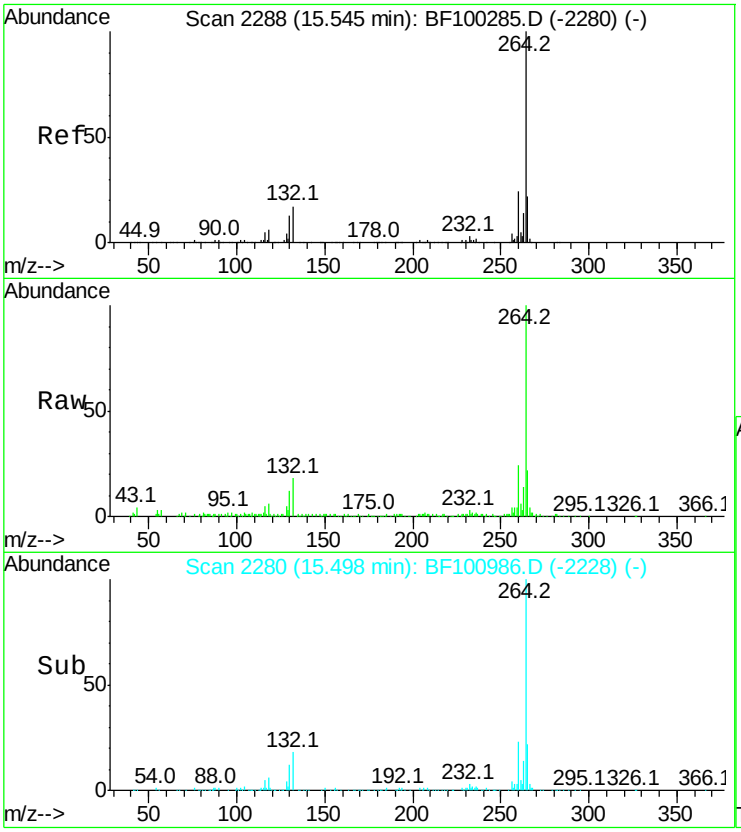


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.078 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:276 Resp: 72711

Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	25.1	20.1	30.1



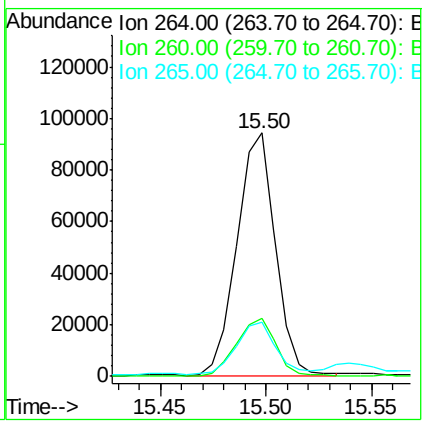


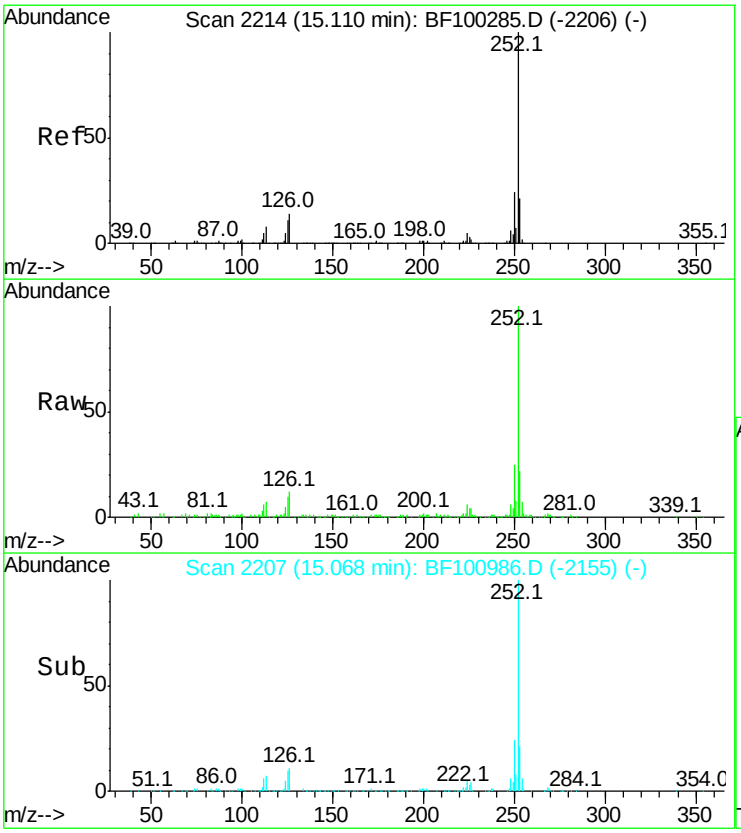
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 118263

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.5	26.3

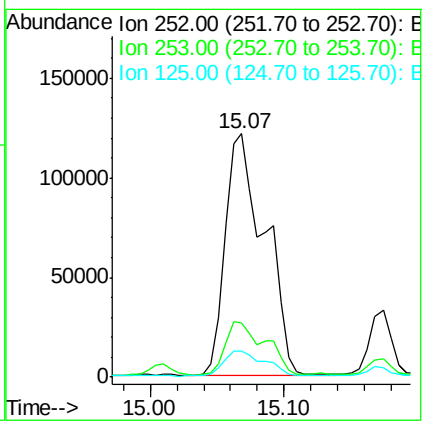


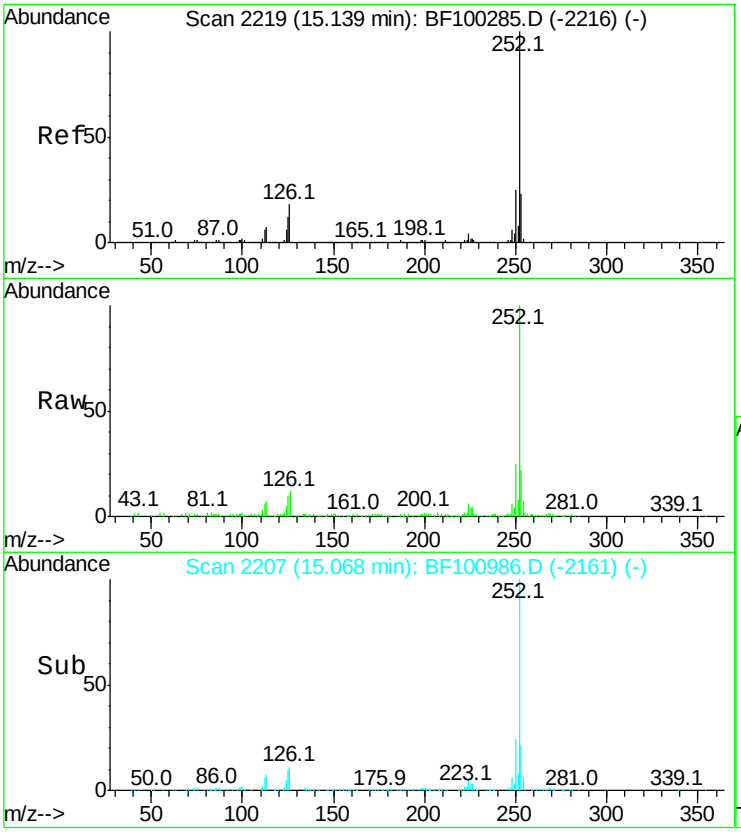


#87
Benzo(b)fluoranthene
Concen: 35.909 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:252 Resp: 251596

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.4	9.0	13.6



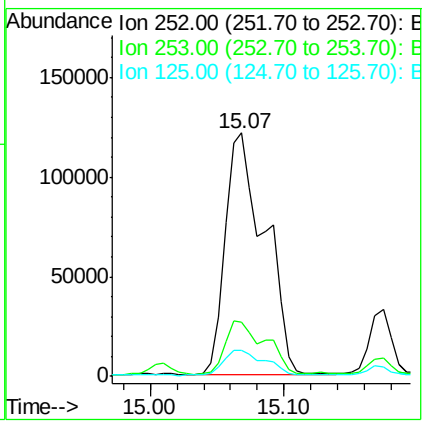


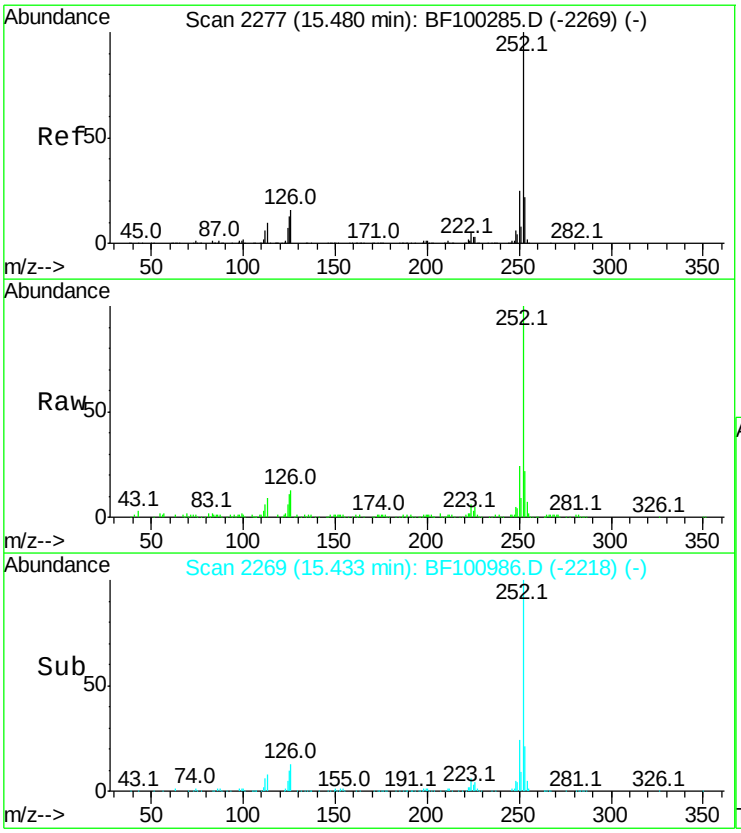
#88
Benzo(k)fluoranthene
Concen: 38.005 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 251596

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.4	10.2	15.2

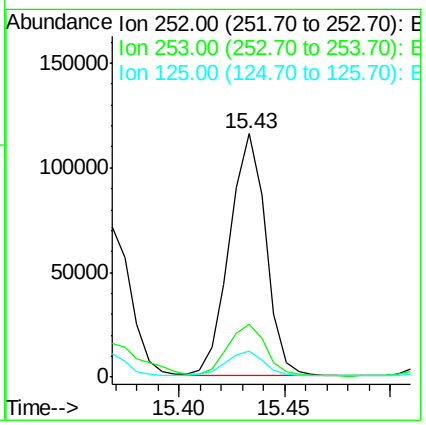


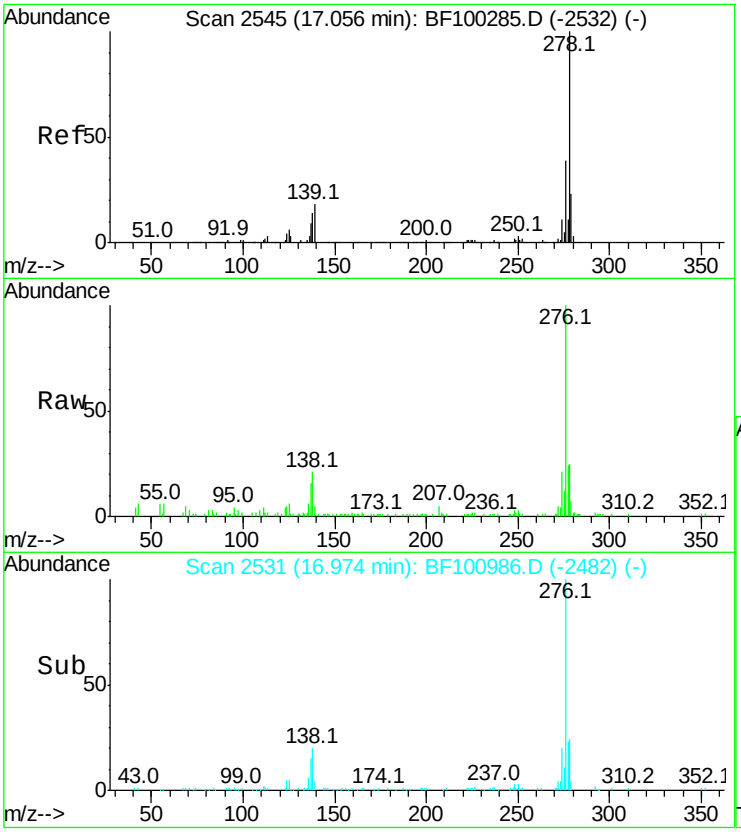


#89
Benzo(a)pyrene
Concen: 22.169 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:252 Resp: 137701

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.9	9.8	14.6



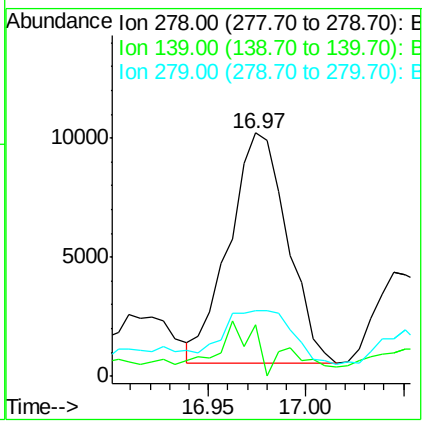


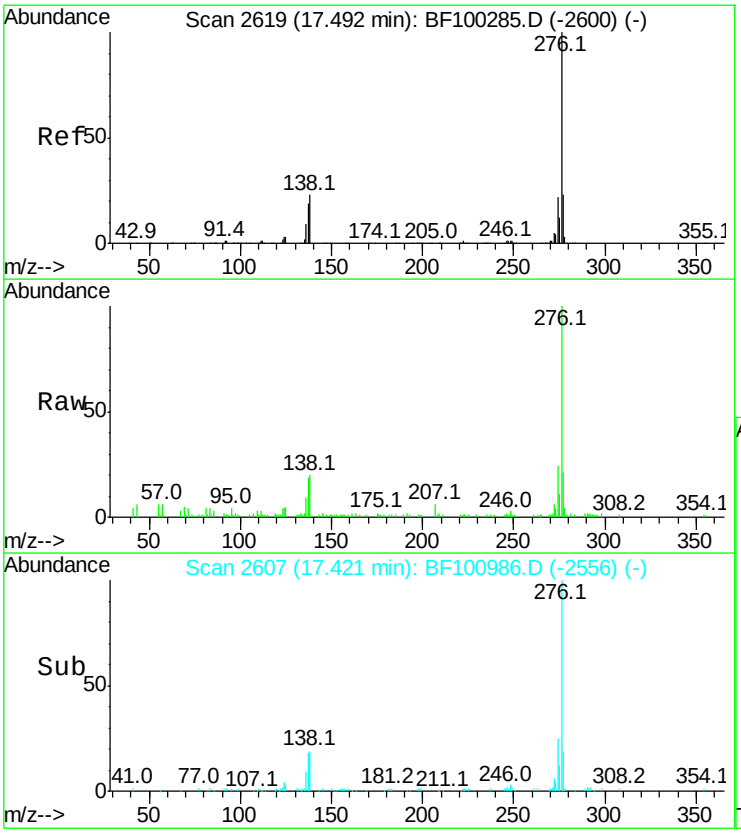
#90
Dibenzo(a,h)anthracene
Concen: 3.940 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 20015

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	26.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 14.121 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BF100986.D
Acq: 29 Nov 2017 18:58

Tgt Ion:276 Resp: 70217

Ion	Ratio	Lower	Upper
276	100		
277	20.6	17.9	26.9
138	20.4	21.8	32.8#