Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103898.D
Acq On : 24 Mar 2018 00:03
Operator : JU/SJ
Sample : J1998-02DL 4X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 24 00:53:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141631	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	545665	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	229669	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	344717	20.00	ng		0.00
75) Chrysene-d12	14.17	240	257045	20.00	ng		0.00
86) Perylene-d12	15.72	264	193779	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	240470	25.82	ng		0.00
7) Phenol-d6	6.59	99	299874	26.32	ng		-0.01
23) Nitrobenzene-d5	7.53	82	160868	20.56	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	54624	27.66	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	320054	22.23	ng		0.00
78) Terphenyl-d14	13.10	244	238190	21.51	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	20427	2.798	ng	#	72
25) Isophorone	7.53	82	160865	8.881	ng	#	64
31) Naphthalene	8.28	128	145418	5.276	ng		99
32) Benzoic acid	8.03	122	135	9.925	ng	#	37
37) 2-Methylnaphthalene	8.97	142	66156	3.785	ng		99
47) 2-Nitroaniline	9.55	65	120	6.840	ng	#	2
48) Acenaphthylene	9.88	152	114626	4.860	ng		98
50) 2,6-Dinitrotoluene	10.02	165	32228	12.702	ng	#	26
51) Acenaphthene	10.05	154	66875	4.775	ng		97
52) 3-Nitroaniline	10.22	138	1228	4.093	ng	#	2
54) Dibenzofuran	10.22	168	87363	4.368	ng		99
55) 4-Nitrophenol	10.22	139	33070	14.638	ng	#	11
56) 2,4-Dinitrotoluene	10.22	165	1244	6.466	ng	#	1
57) Fluorene	10.57	166	161656	10.415	ng		99
61) 4-Nitroaniline	10.56	138	1818	4.178	ng	#	19
70) Phenanthrene	11.54	178	977881	51.858	ng		99
71) Anthracene	11.59	178	353644	18.465	ng		99
72) Carbazole	11.74	167	55921	3.004	ng		99
74) Fluoranthene	12.74	202	1013649	52.178	ng		97
77) Pyrene	12.97	202	920262	48.750	ng		99
80) Benzo(a)anthracene	14.16	228	439323	27.001	ng		95
82) Chrysene	14.20	228	373965	24.111	ng		98
87) Benzo(b)fluoranthene	15.26	252	481852	39.359	ng	#	93
88) Benzo(k)fluoranthene	15.26	252	481852	40.945	ng		96
89) Benzo(a)pyrene	15.65	252	275025	24.768	ng		95
90) Dibenzo(a,h)anthracene	17.32	278	38295	3.983	ng	#	87
91) Benzo(g,h,i)perylene	17.79	276	139291	14.891	ng		96

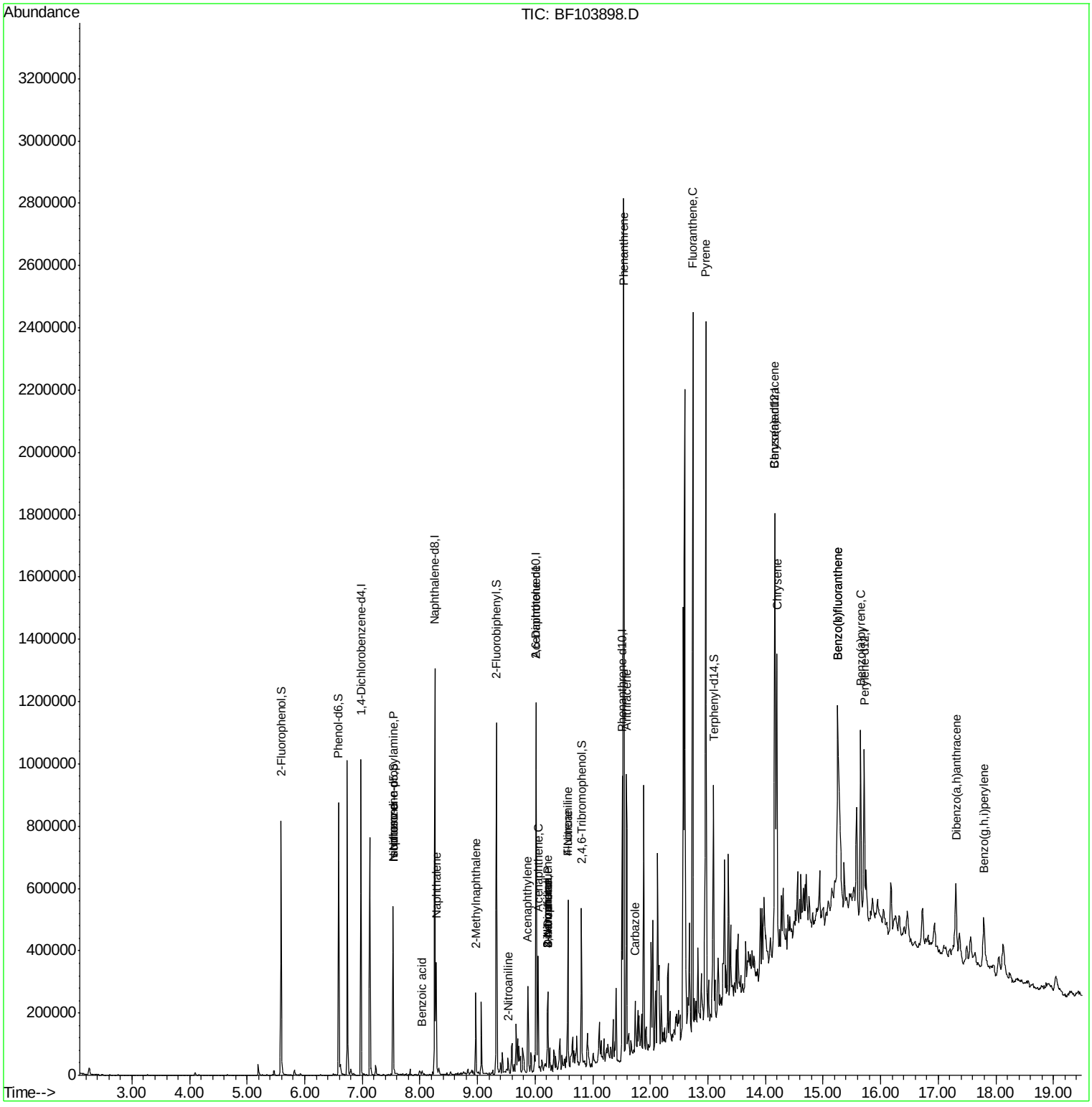
(#) = qualifier out of range (m) = manual integration (+) = signals summed

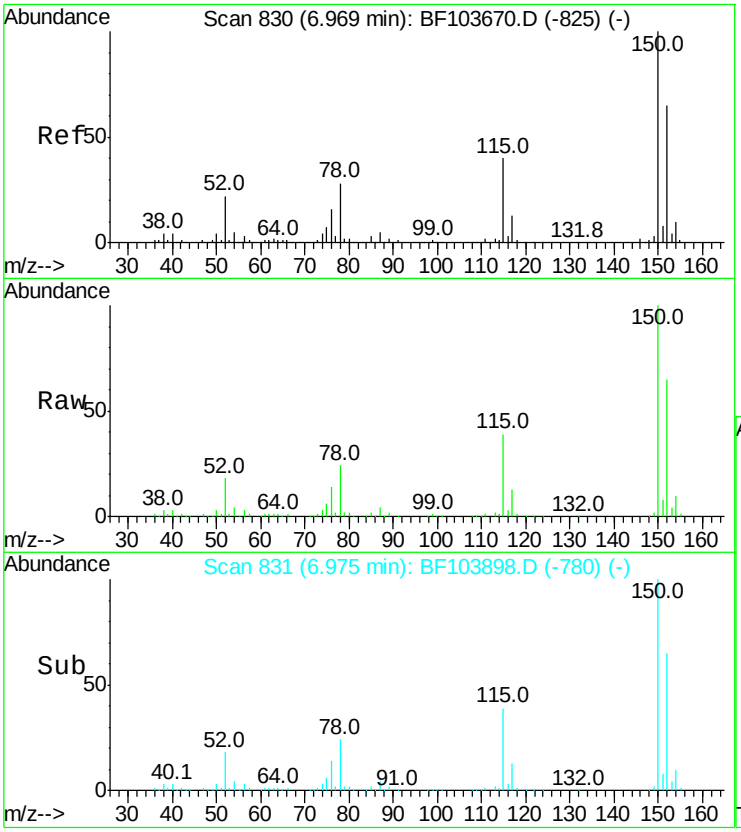
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103898.D
Acq On : 24 Mar 2018 00:03
Operator : JU/SJ
Sample : J1998-02DL 4X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 24 00:53:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



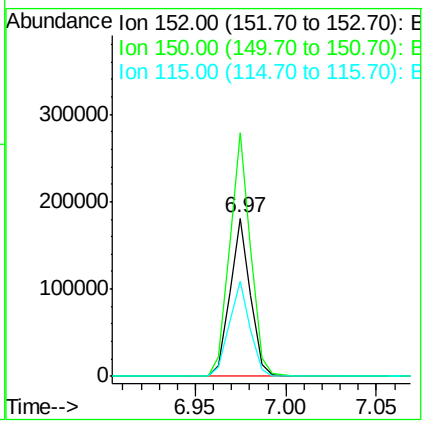


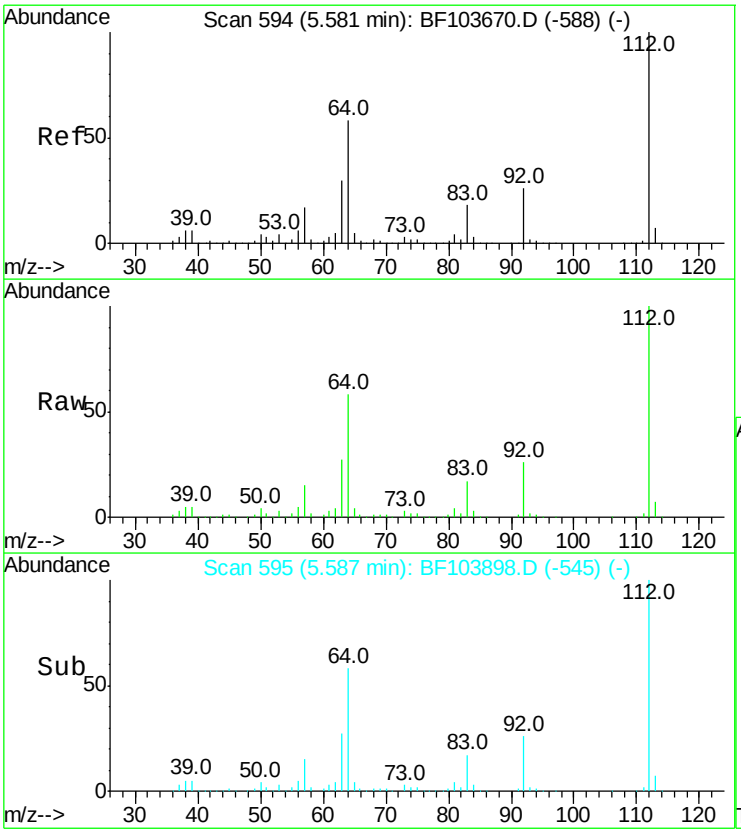
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141631

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.3	50.1	75.1

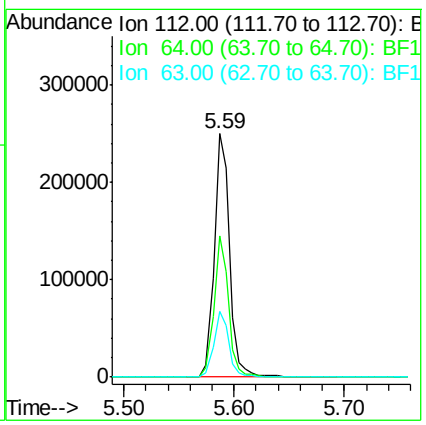


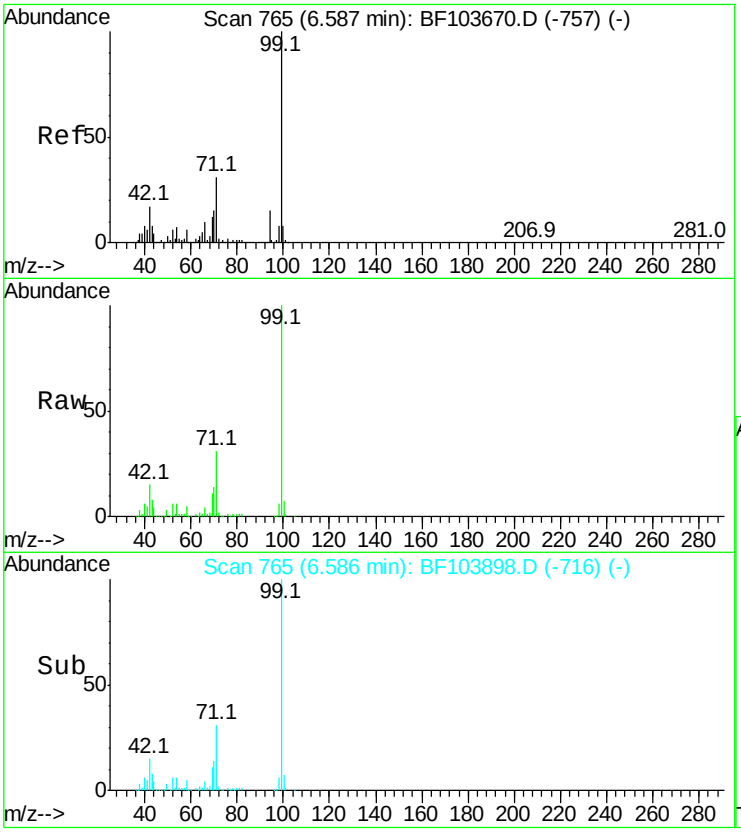


#5
2-Fluorophenol
Concen: 25.824 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:112 Resp: 240470

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	27.1	23.7	35.5



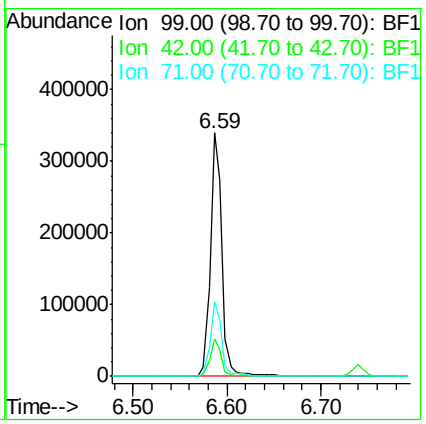


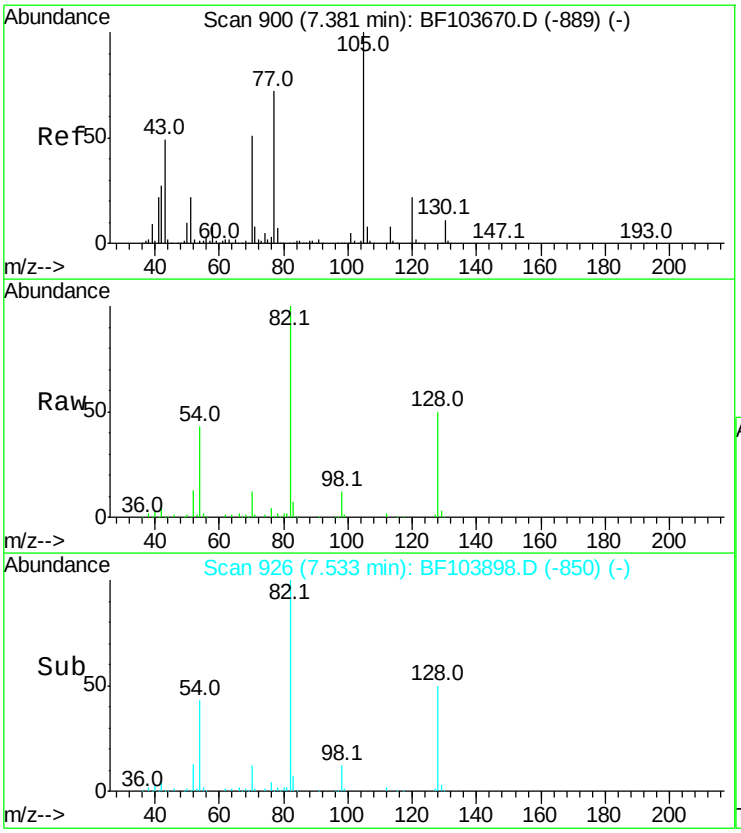
#7
Phenol-d6
Concen: 26.323 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 299874

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	30.9	25.4	38.0

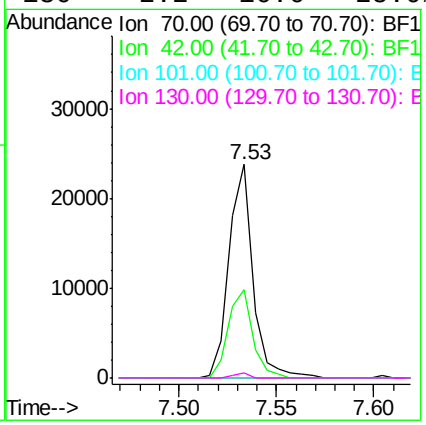


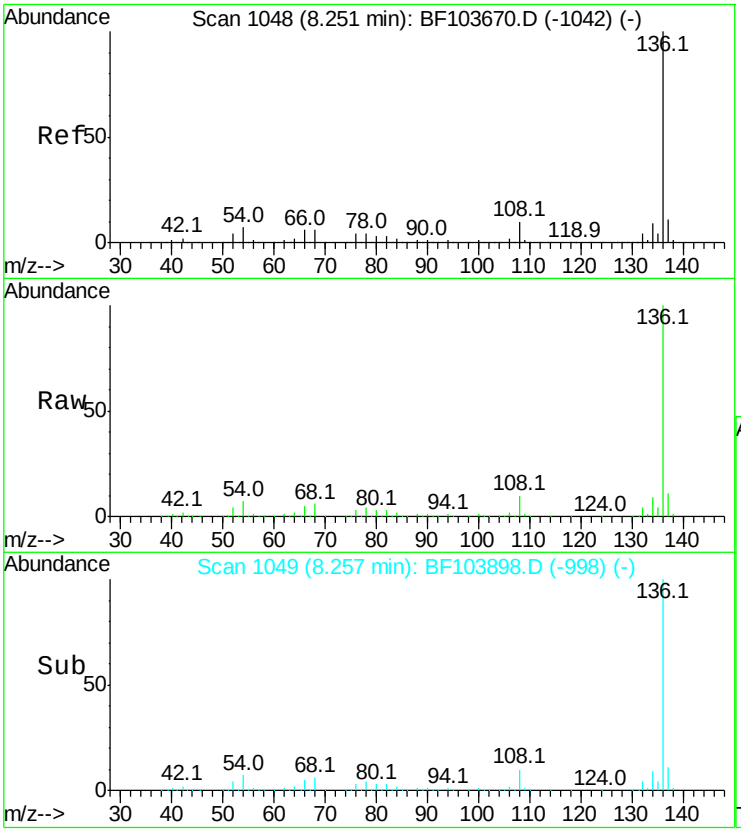


#19
n-Nitroso-di-n-propylamine
Concen: 2.798 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion: 70 Resp: 20427

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



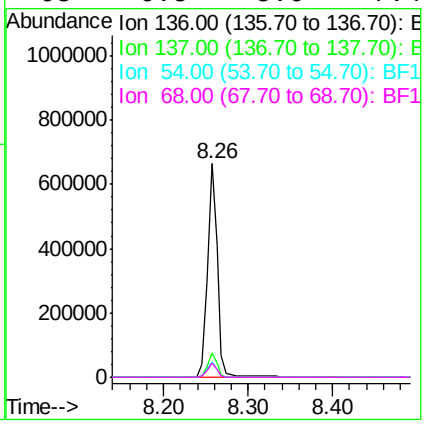


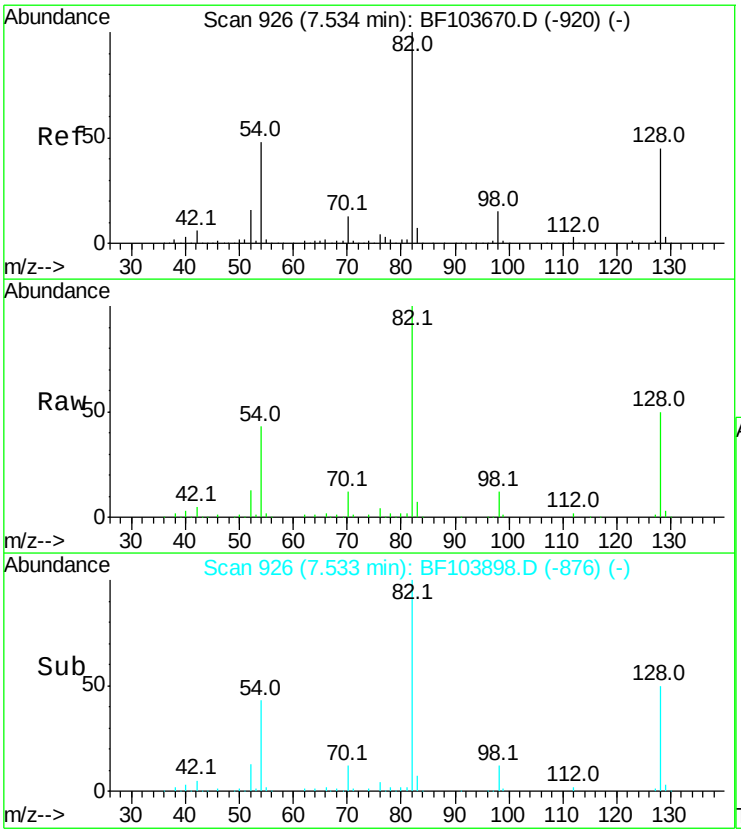
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 545665

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	6.5	5.0	7.4

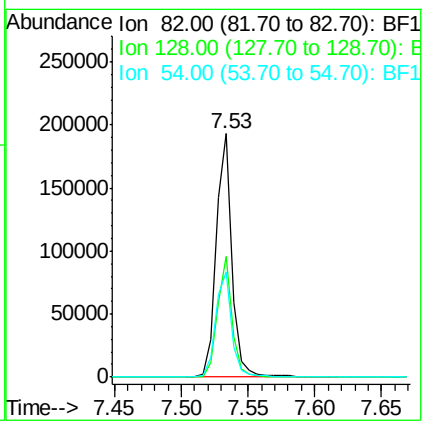


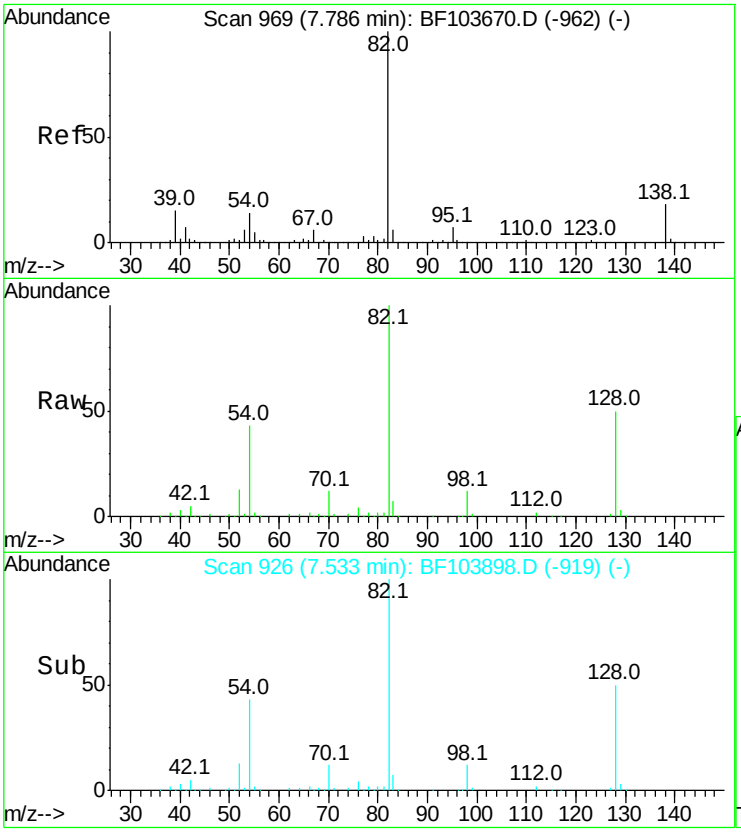


#23
Nitrobenzene-d5
Concen: 20.559 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion: 82 Resp: 160868

Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	43.2	41.4	62.2



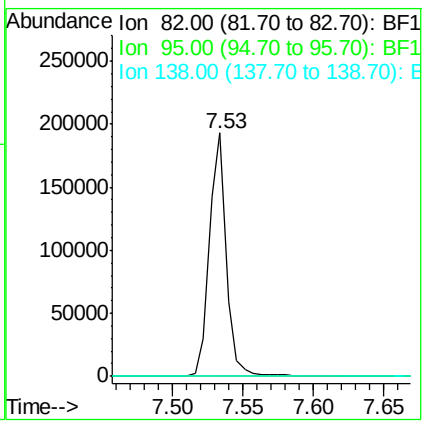


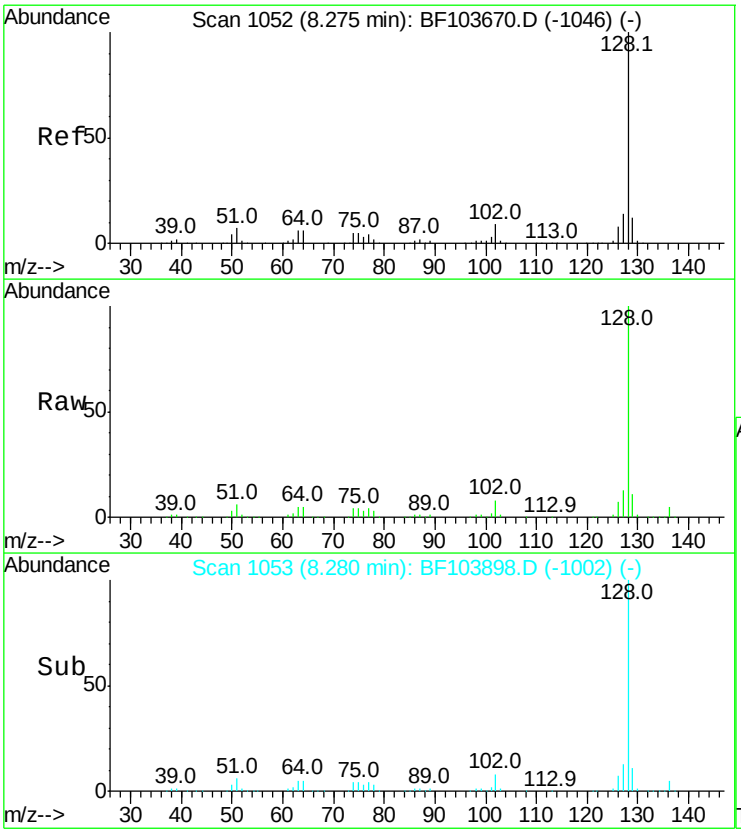
#25
Isophorone
Concen: 8.881 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 160865

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

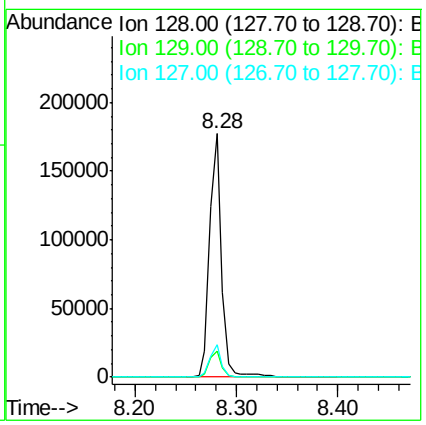


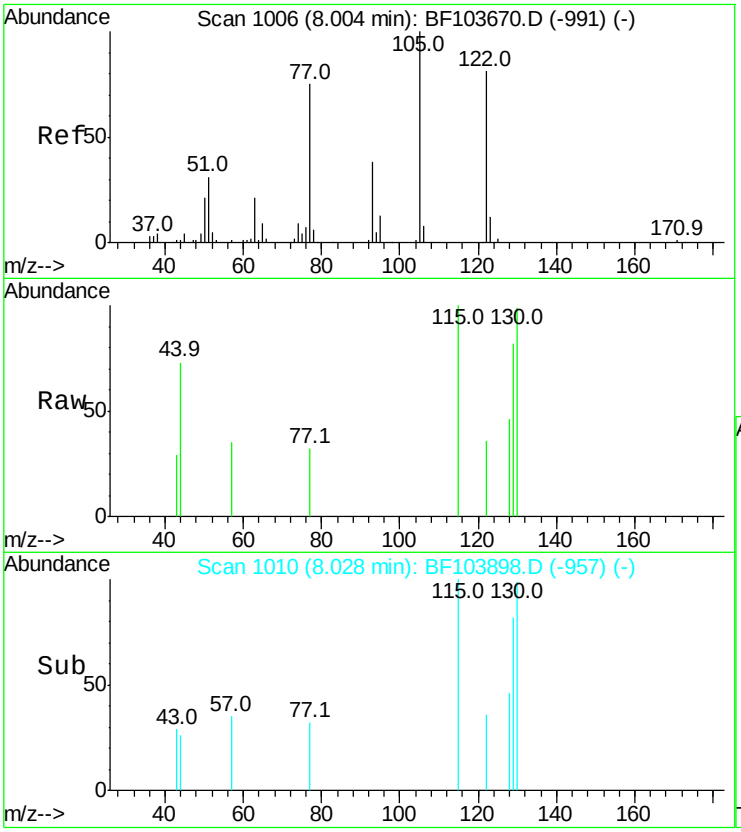


#31
Naphthalene
Concen: 5.276 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:128 Resp: 145418

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.9	16.3



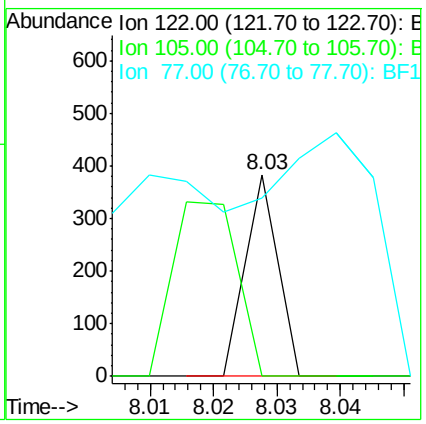


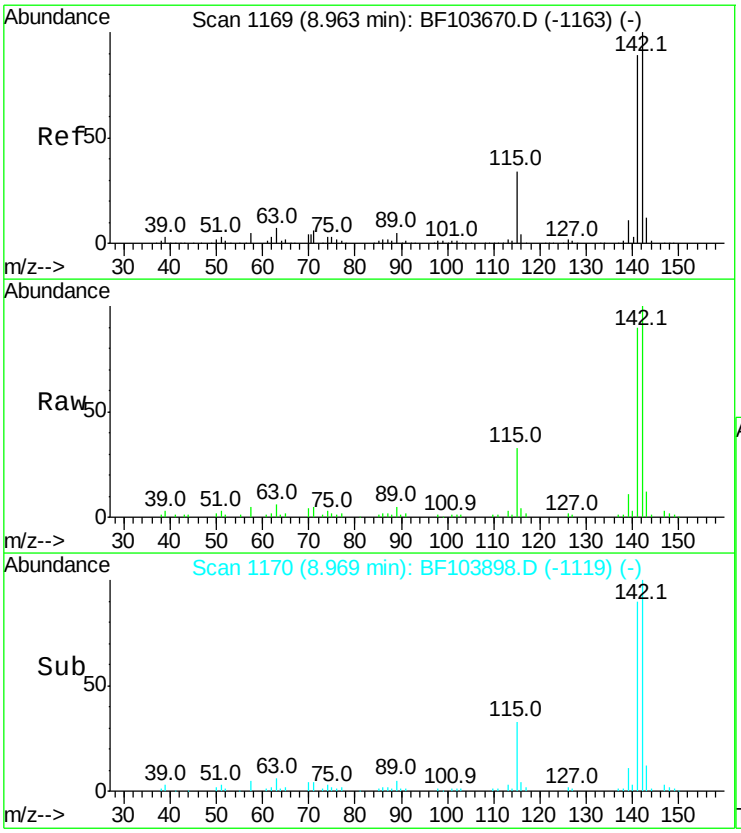
#32
Benzoic acid
Concen: 9.925 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 135

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	88.5	70.7	110.7

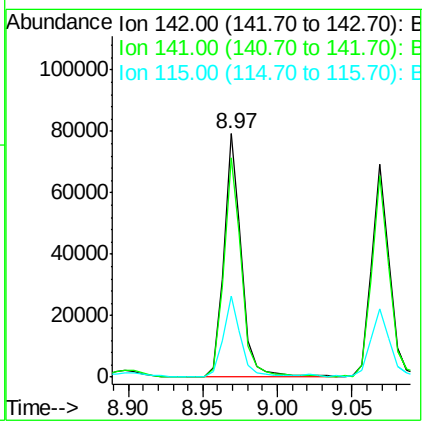


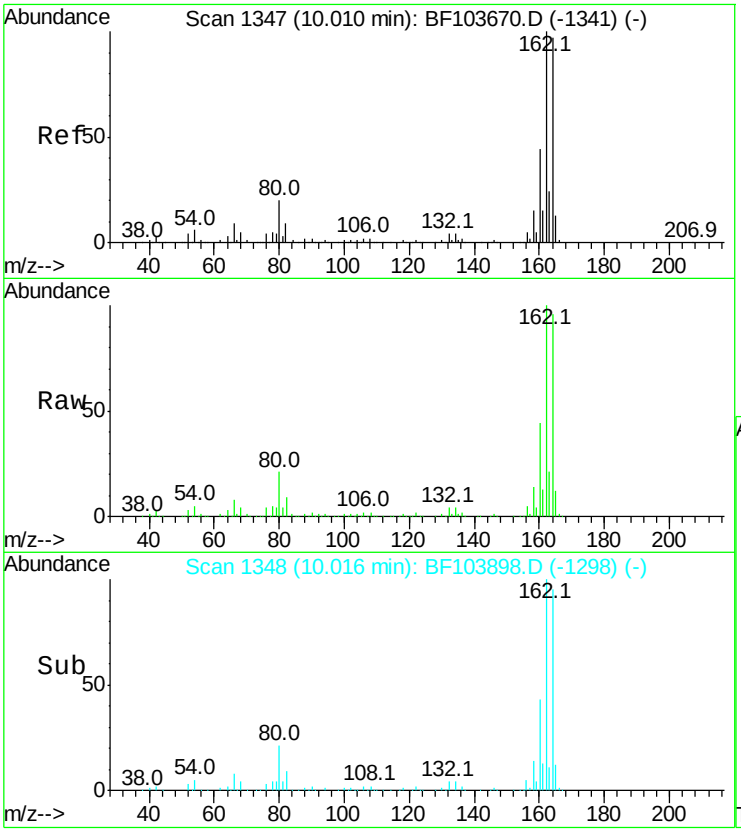


#37
2-Methylnaphthalene
Concen: 3.785 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:142 Resp: 66156

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	33.3	26.1	39.1



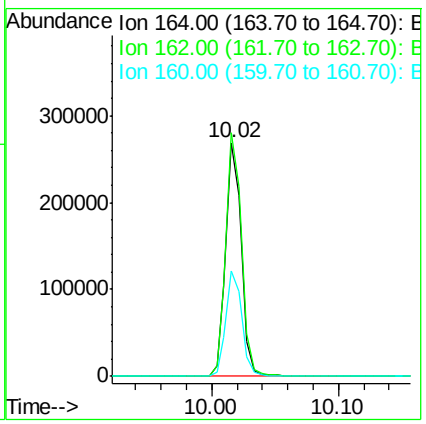


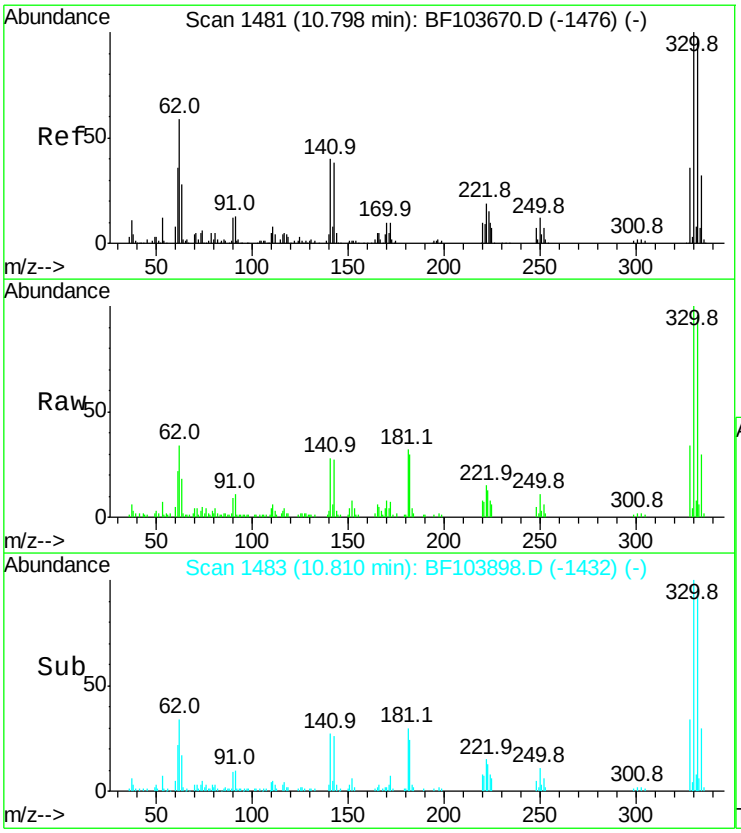
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 229669

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.4	38.3	57.5

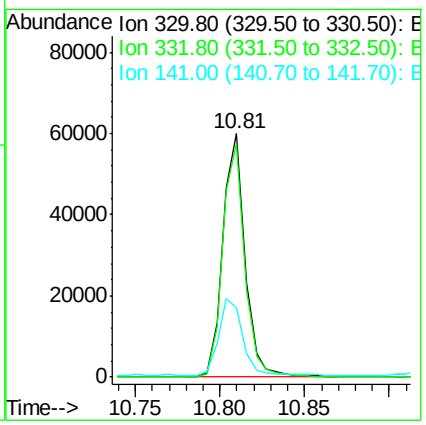


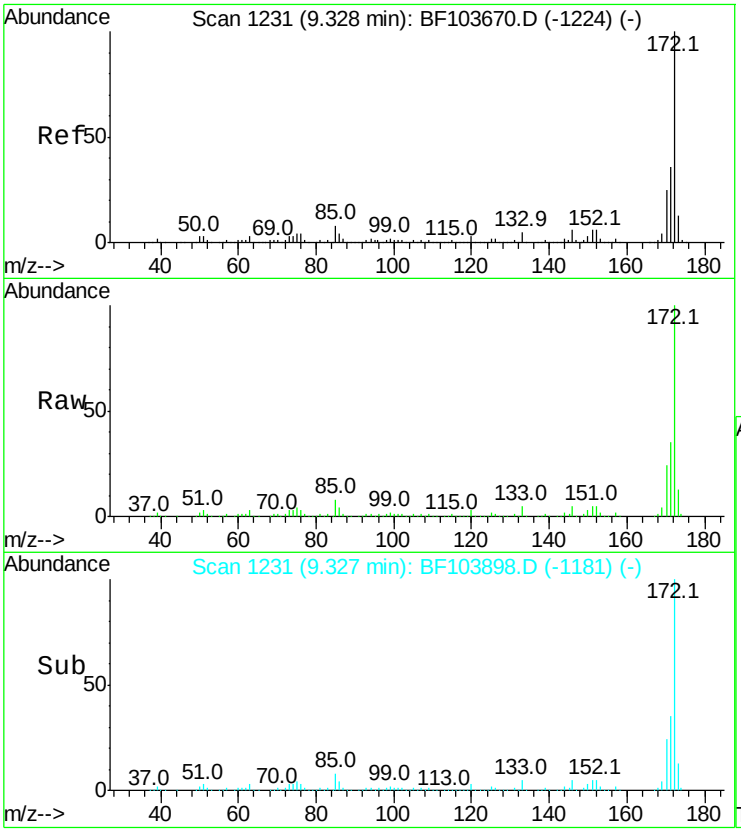


#41
2,4,6-Tribromophenol
Concen: 27.662 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:330 Resp: 54624

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.3	29.9	44.9

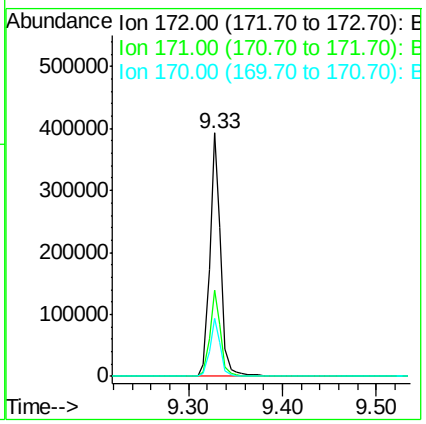




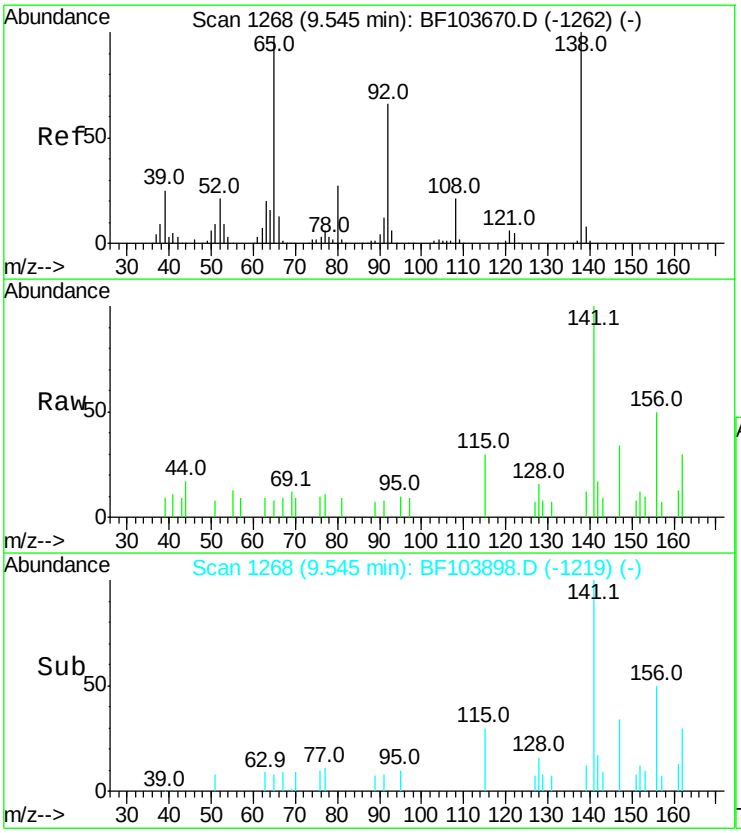
#44
2-Fluorobiphenyl
Concen: 22.229 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:172 Resp: 320054

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4



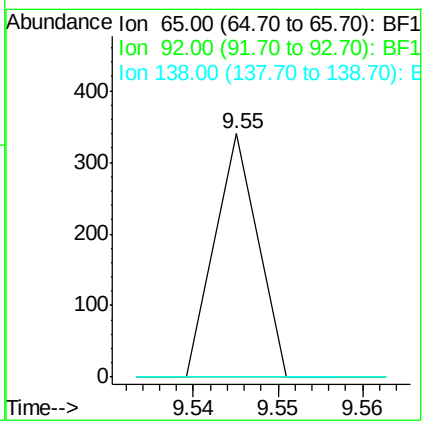
Instrument :
BNA_F
ClientSampleId :

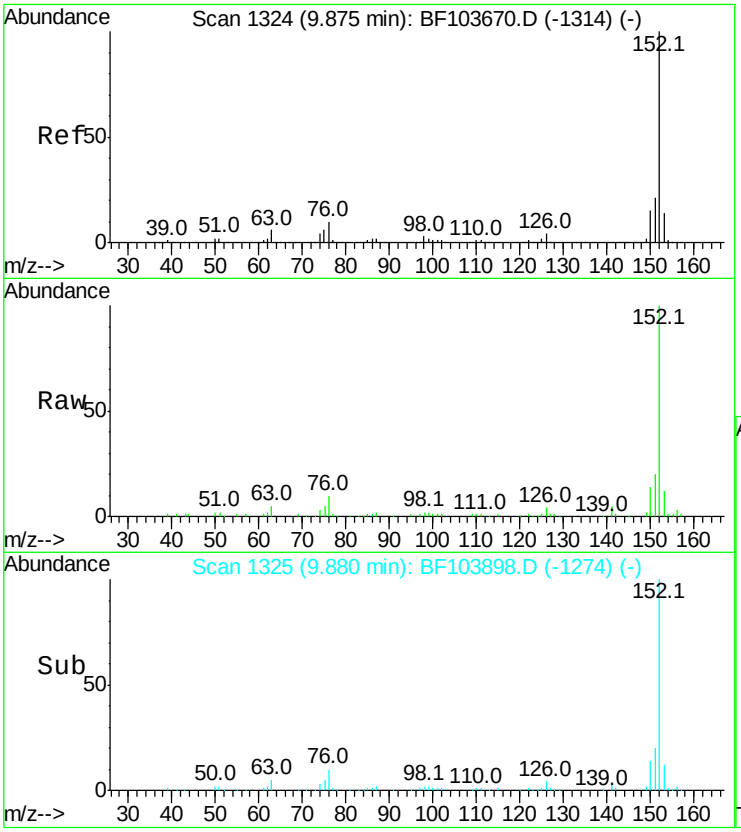


#47
2-Nitroaniline
Concen: 6.840 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion: 65 Resp: 120

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



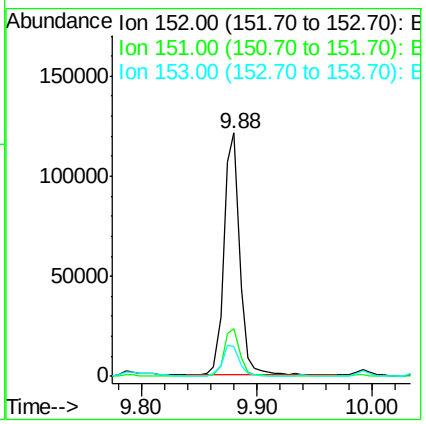


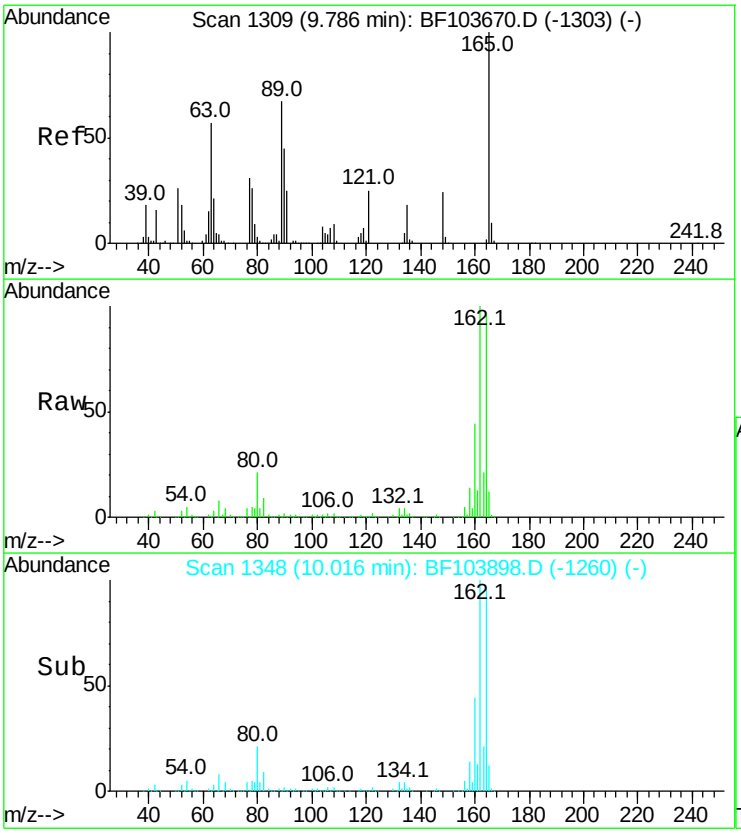
#48
Acenaphthylene
Concen: 4.860 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114626

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	12.4	10.7	16.1

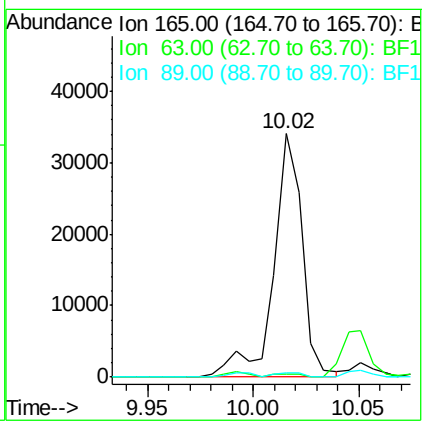


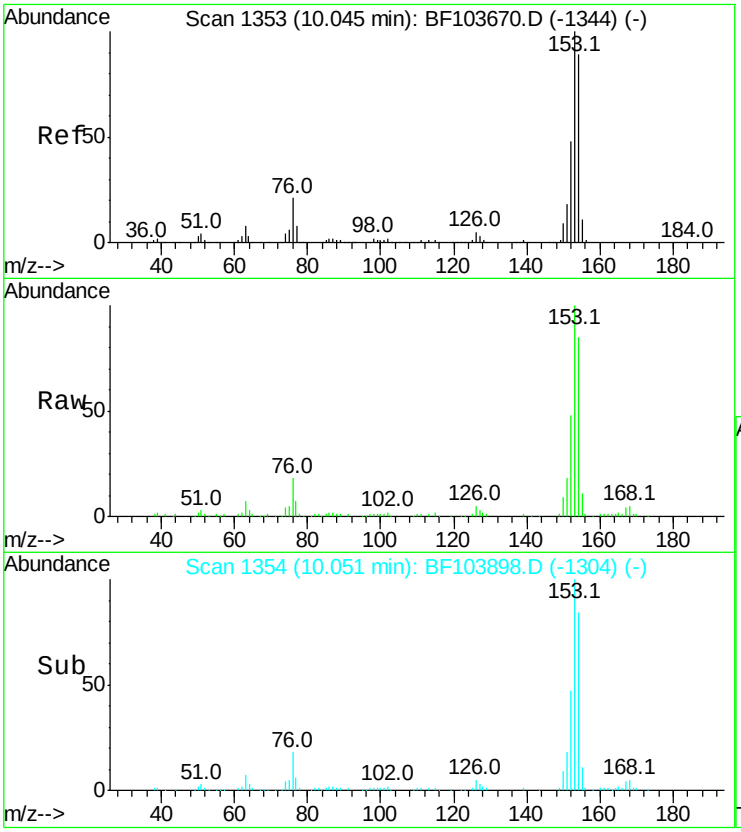


#50
2,6-Dinitrotoluene
Concen: 12.702 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:165 Resp: 32228

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#



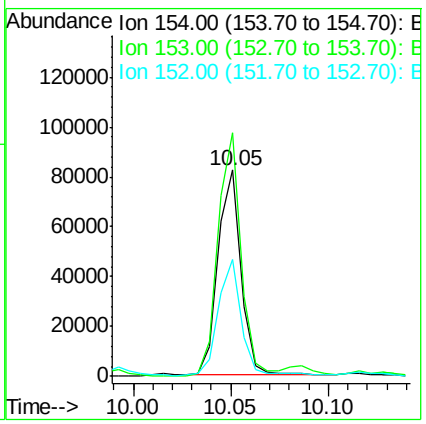


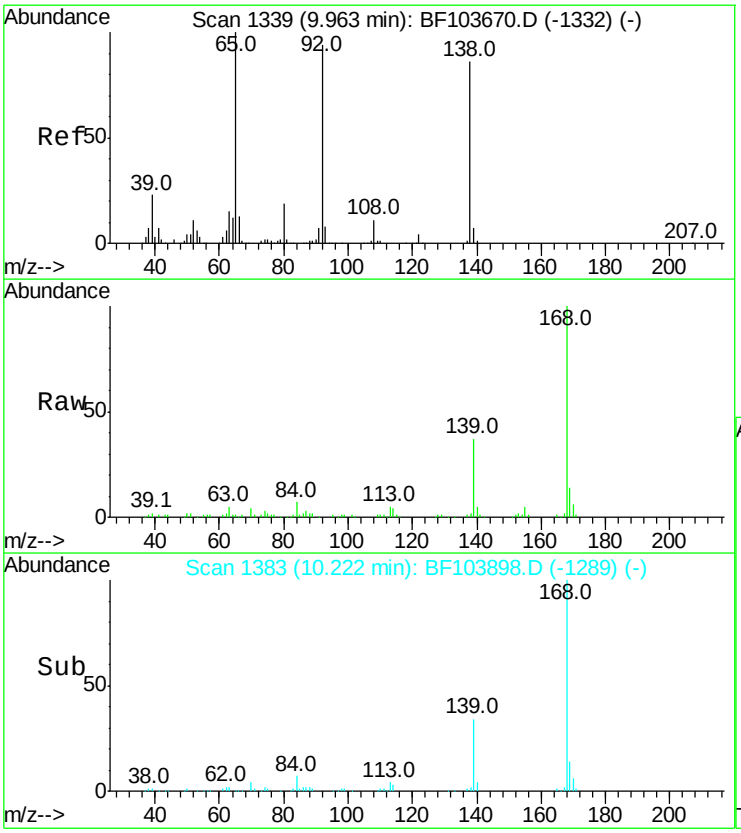
#51
Acenaphthene
Concen: 4.775 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 66875

Ion	Ratio	Lower	Upper
154	100		
153	118.1	91.2	136.8
152	56.5	43.8	65.8

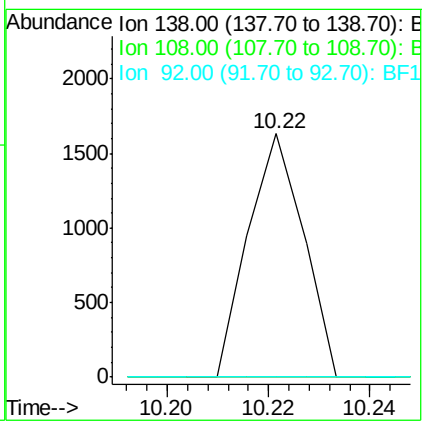


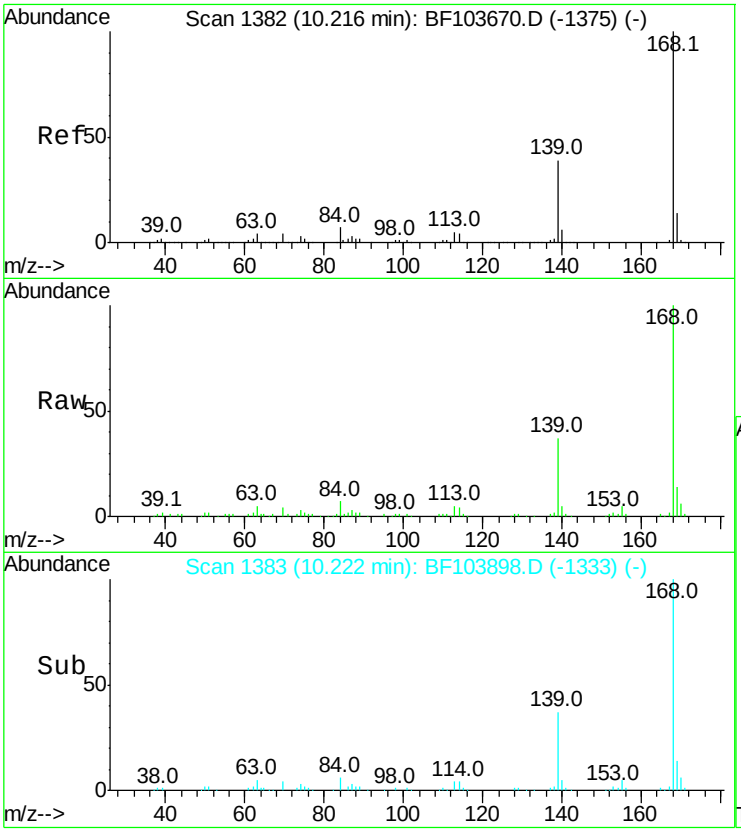


#52
3-Nitroaniline
Concen: 4.093 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.25 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:138 Resp: 1228

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#



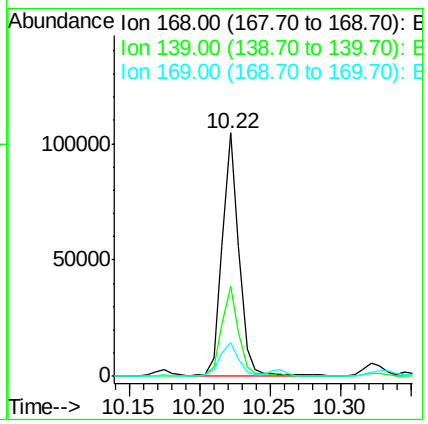


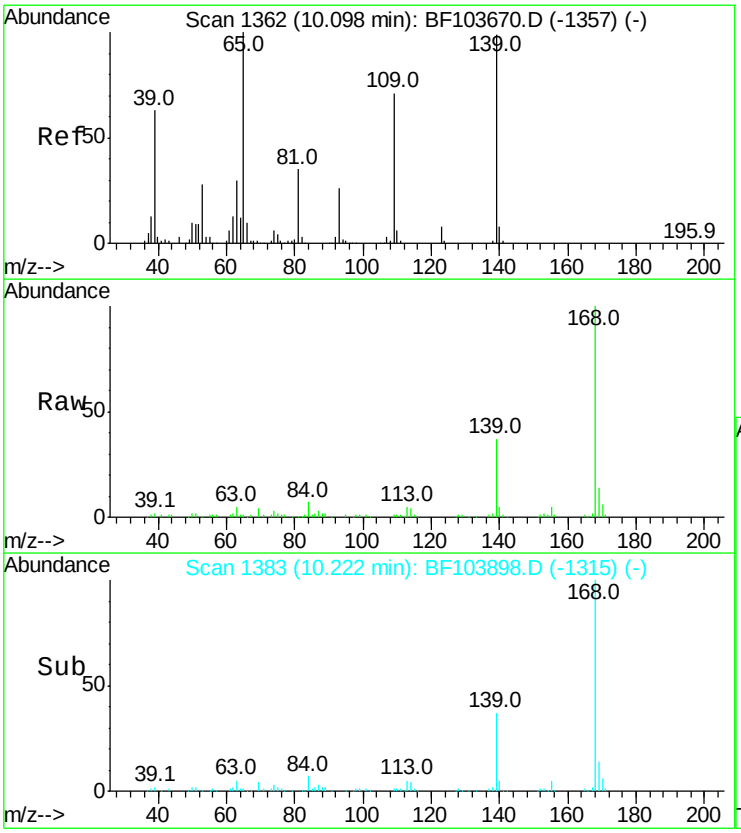
#54
Dibenzofuran
Concen: 4.368 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 87363

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	14.1	10.9	16.3

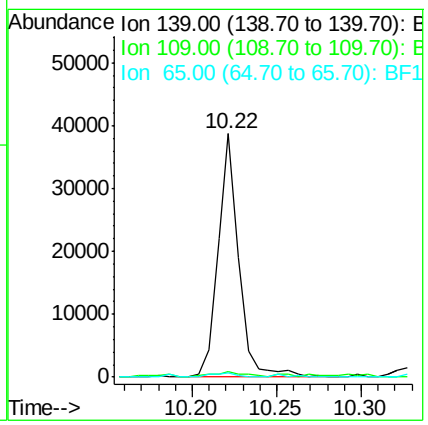


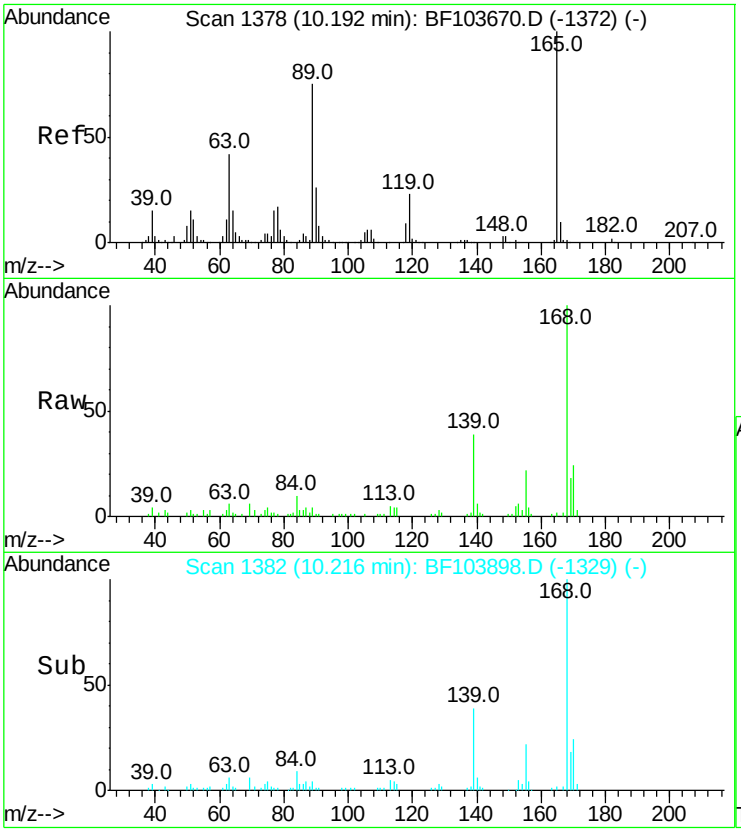


#55
4-Nitrophenol
Concen: 14.638 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.10 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:139 Resp: 33070

Ion	Ratio	Lower	Upper
139	100		
109	2.0	48.4	88.4#
65	1.6	72.6	112.6#



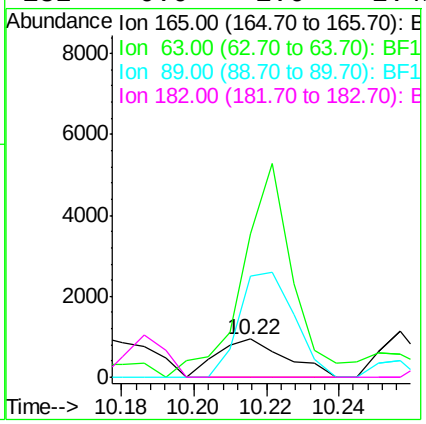


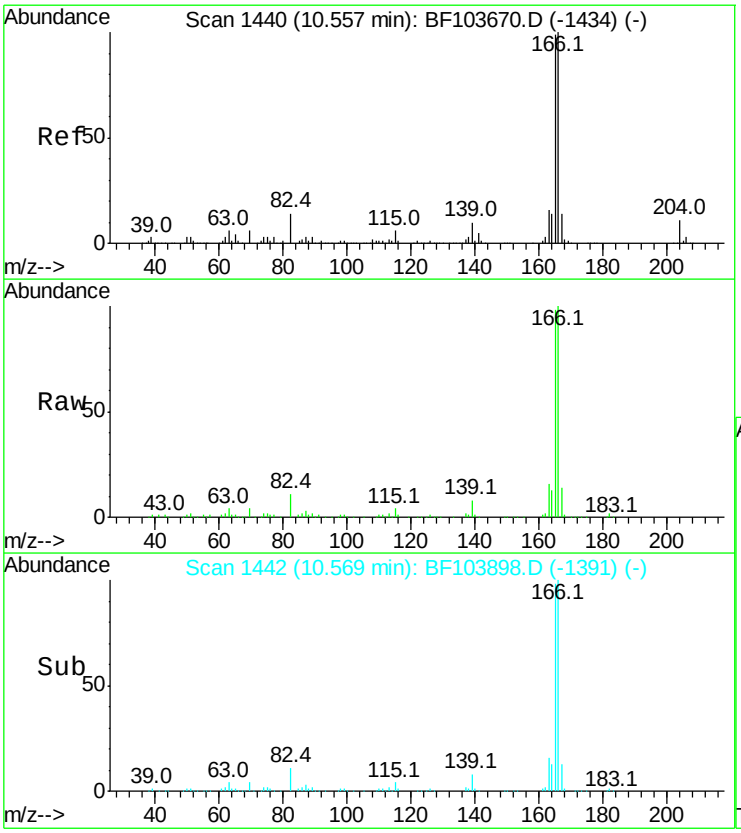
#56
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1244

Ion	Ratio	Lower	Upper
165	100		
63	377.9	36.4	54.6#
89	268.4	57.8	86.6#
182	0.0	1.6	2.4#

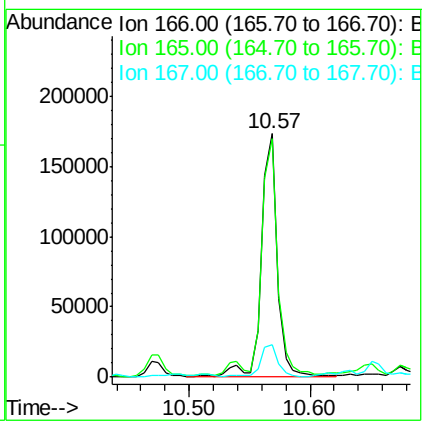


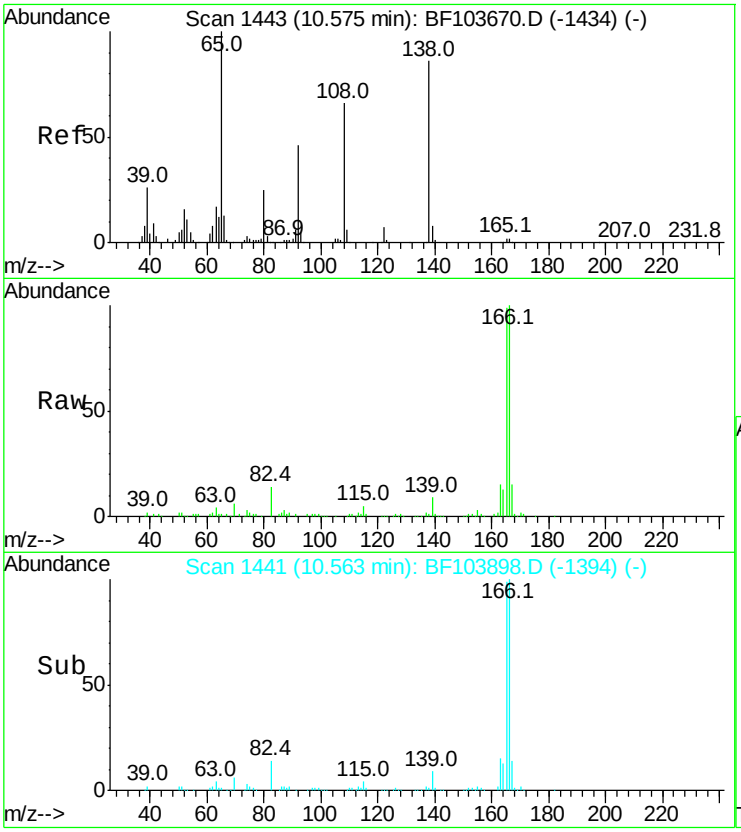


#57
Fluorene
Concen: 10.415 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:166 Resp: 161656

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	13.5	10.6	16.0



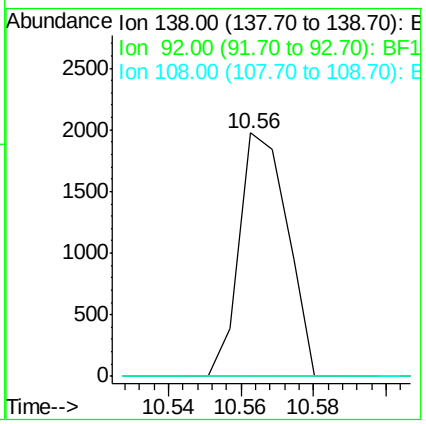


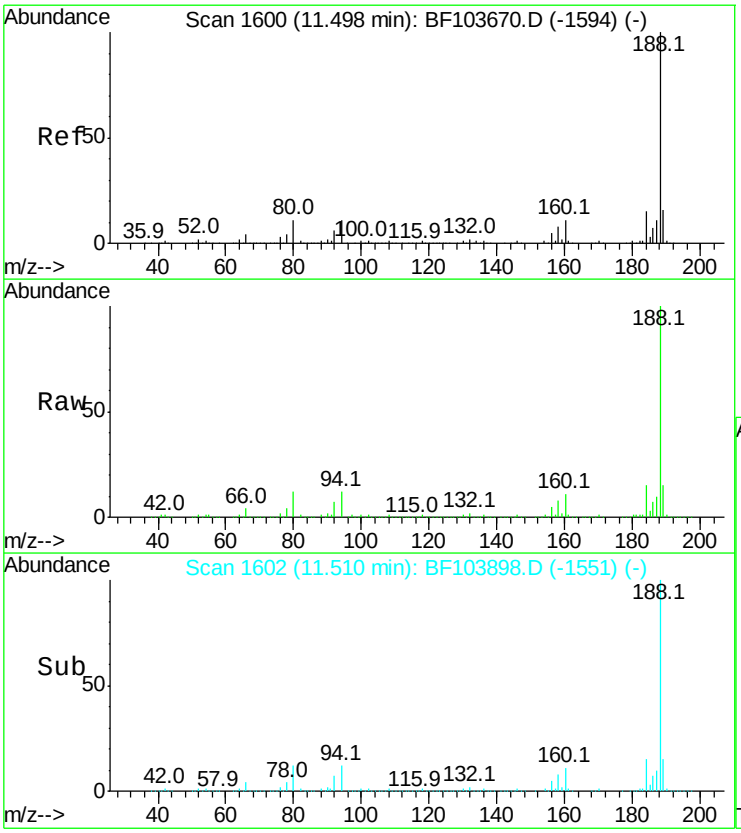
#61
4-Nitroaniline
Concen: 4.178 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 1818

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	0.0	52.5	92.5#

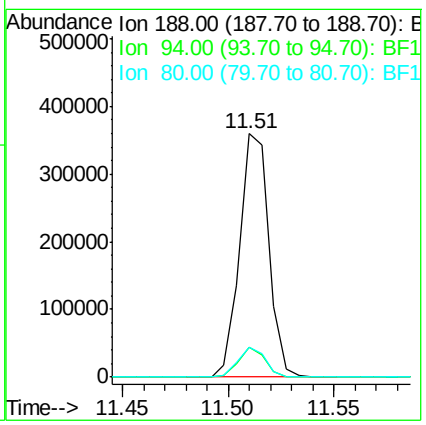


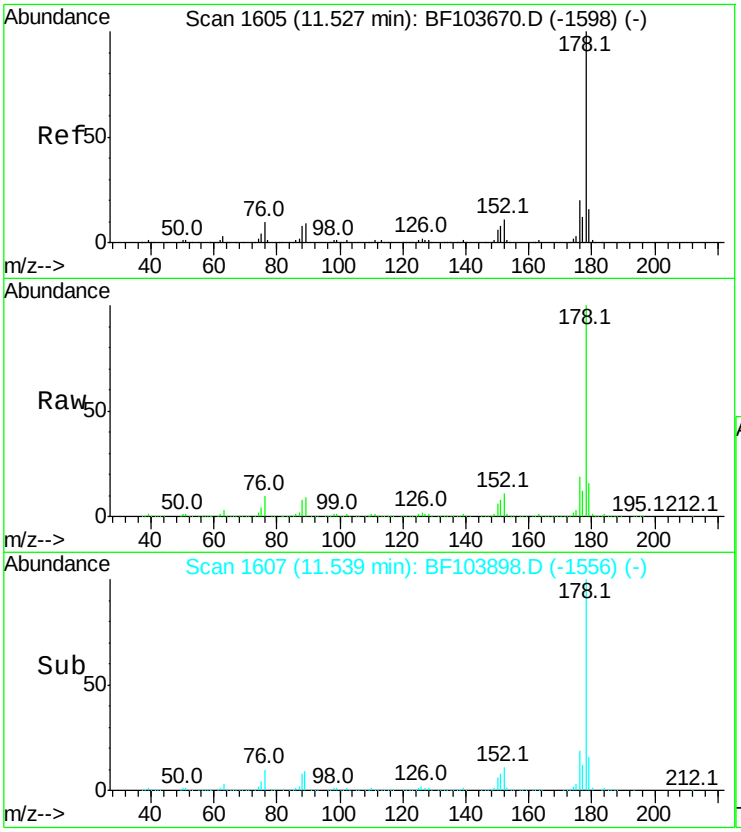


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:188 Resp: 344717

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.1	9.2	13.8



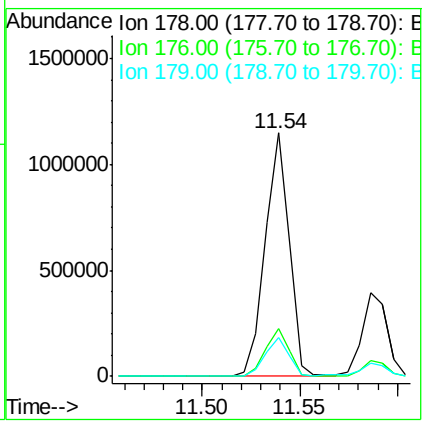


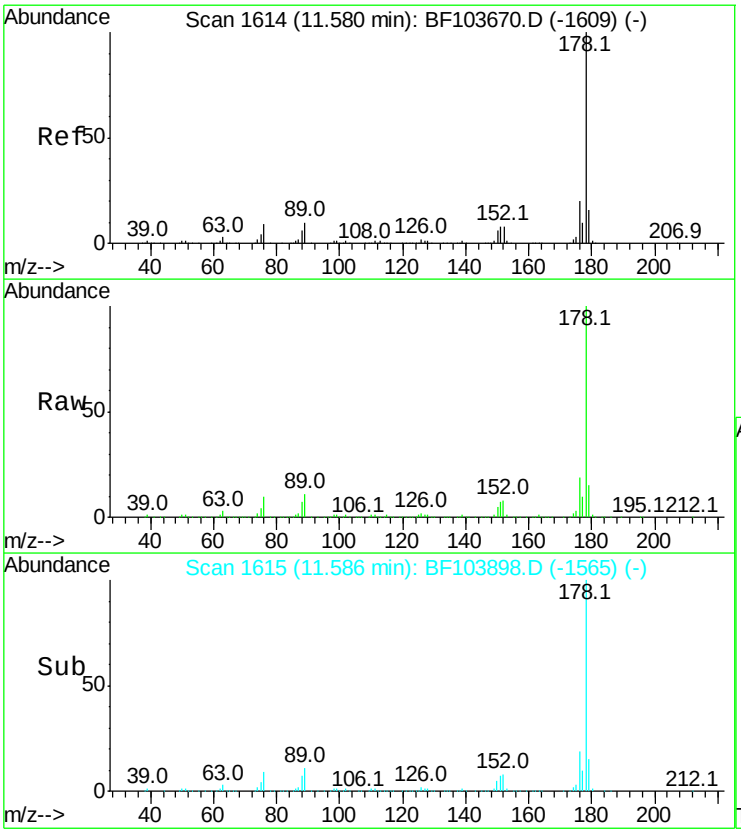
#70
Phenanthrene
Concen: 51.858 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 977881

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	13.0	19.6

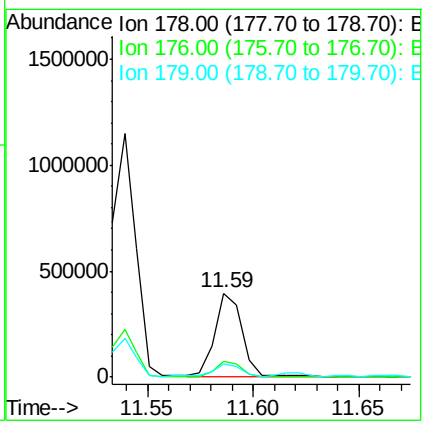


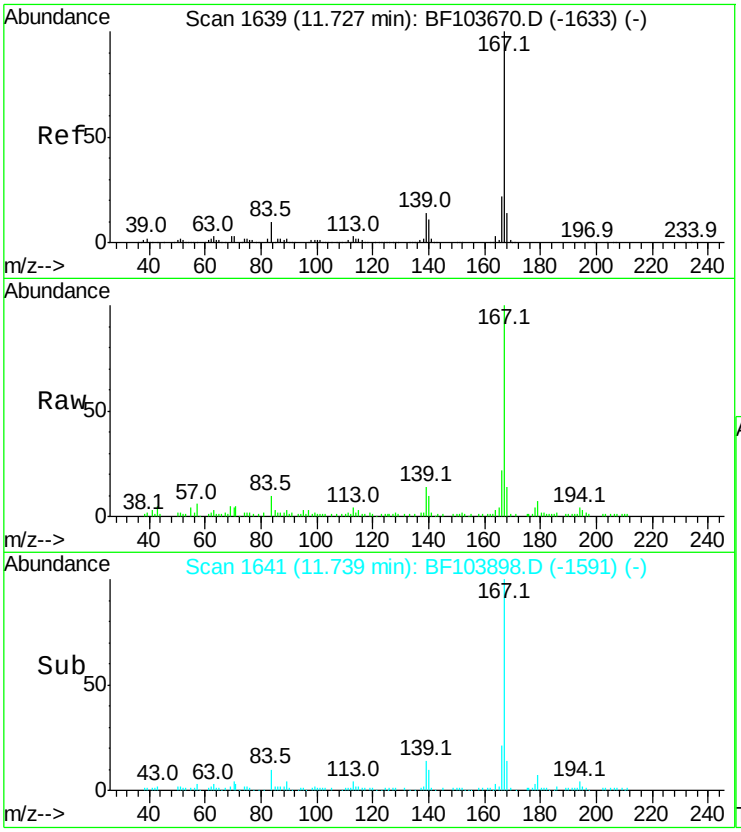


#71
Anthracene
Concen: 18.465 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:178 Resp: 353644

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0



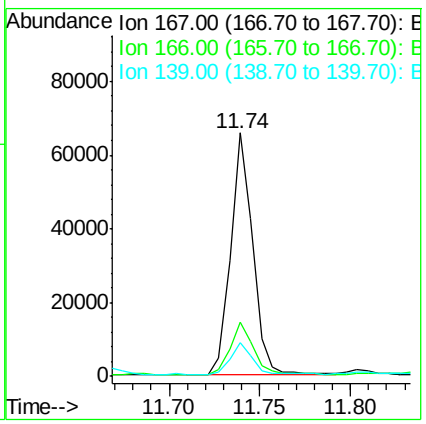


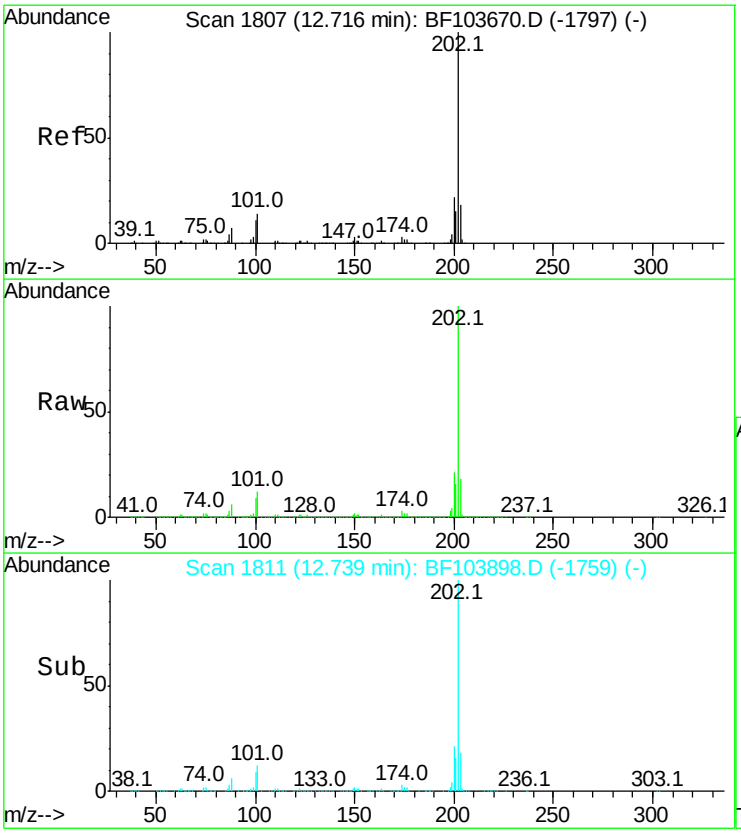
#72
Carbazole
Concen: 3.004 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 55921

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.0	10.9	16.3

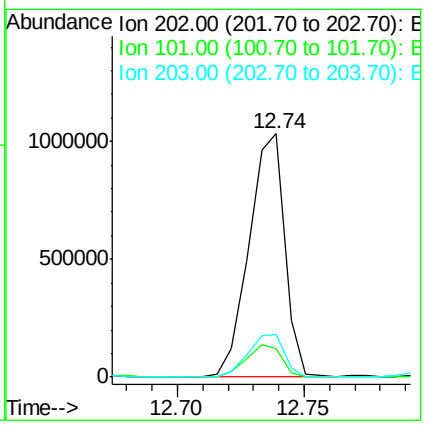


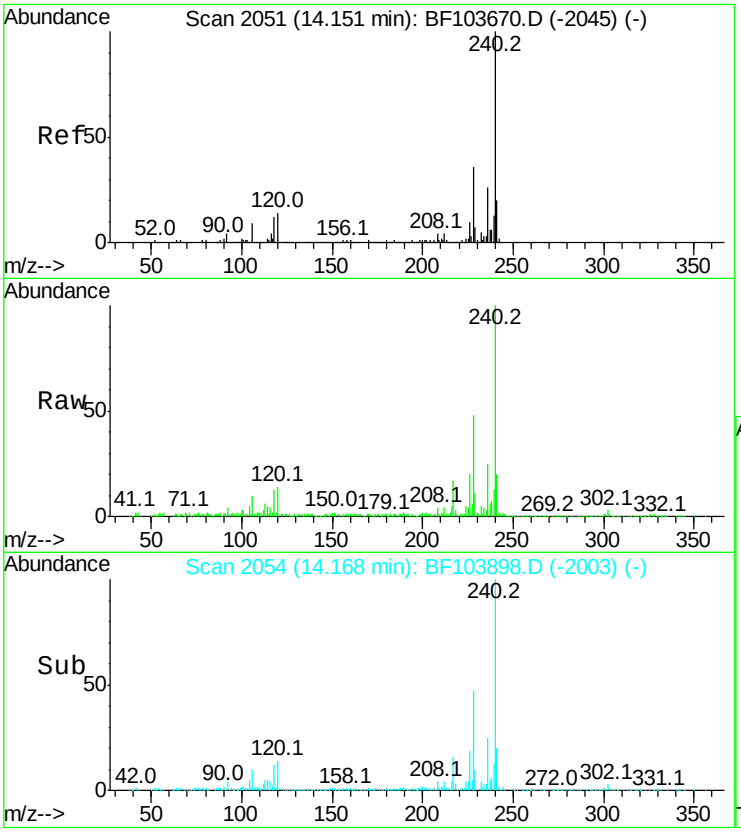


#74
Fluoranthene
Concen: 52.178 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:202 Resp: 1013649

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.6	0.0	38.1



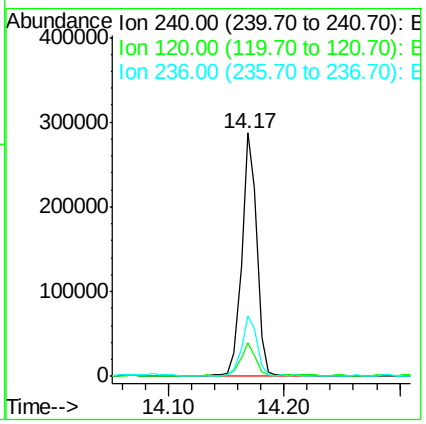


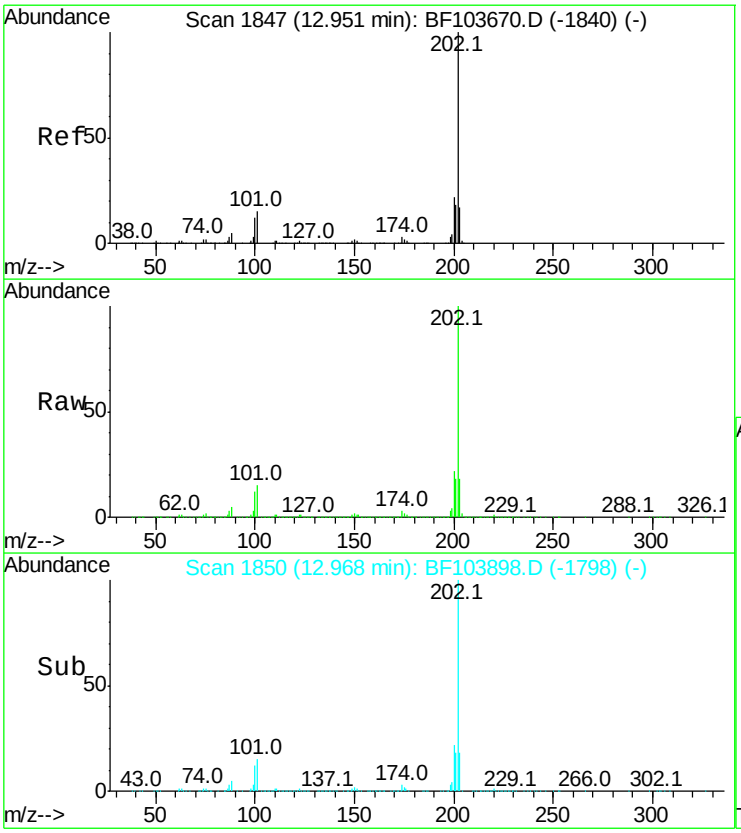
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 257045

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.0	20.7	31.1

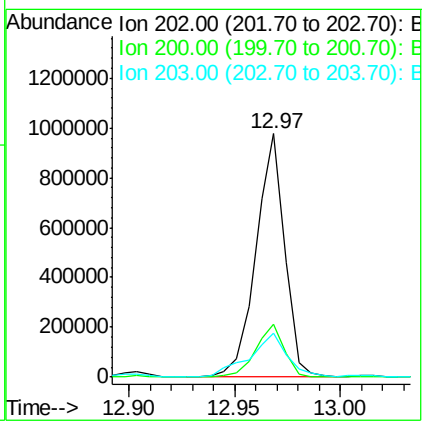


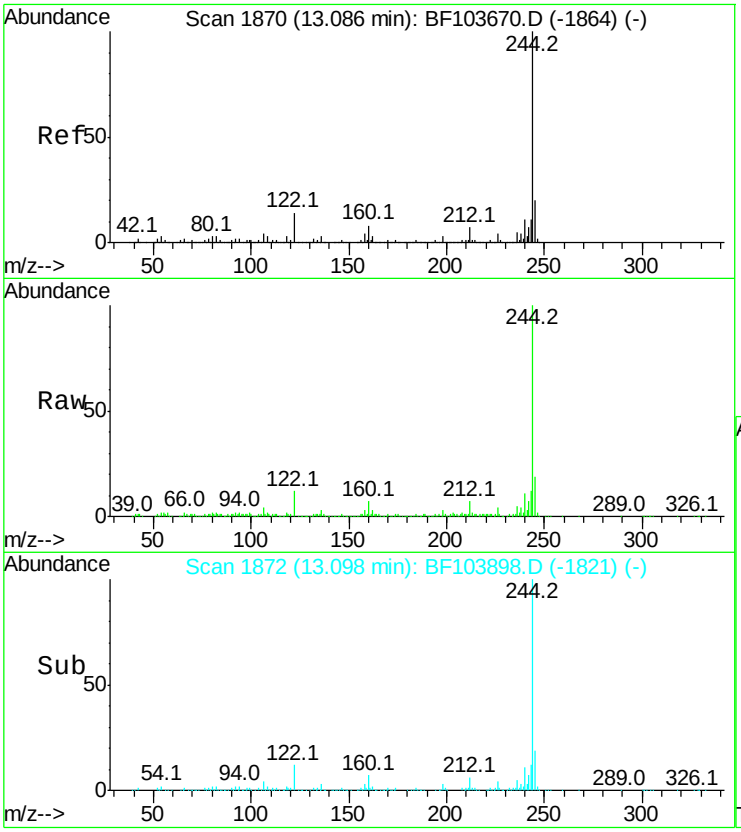


#77
Pyrene
Concen: 48.750 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:202 Resp: 920262

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.3	14.3	21.5



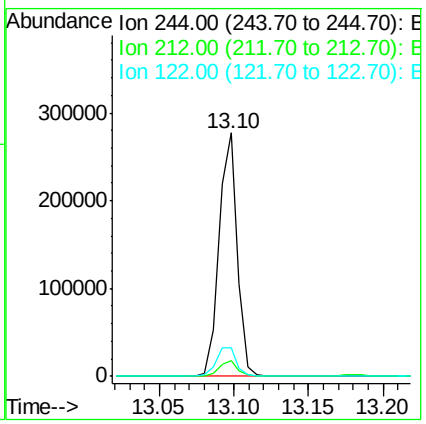


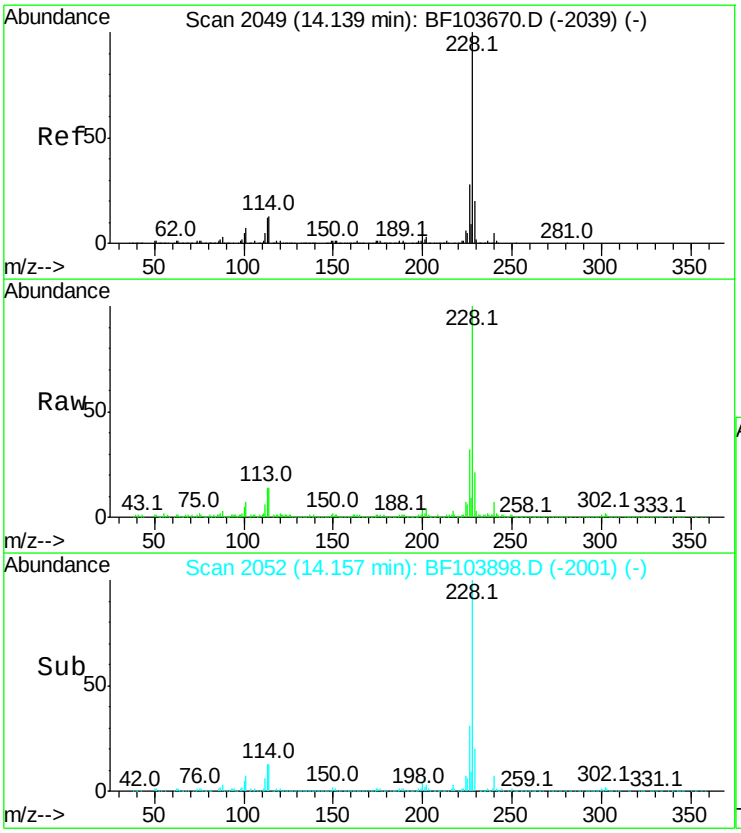
#78
Terphenyl-d14
Concen: 21.509 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 238190

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4

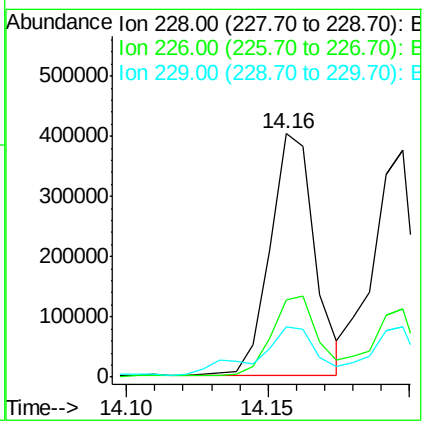


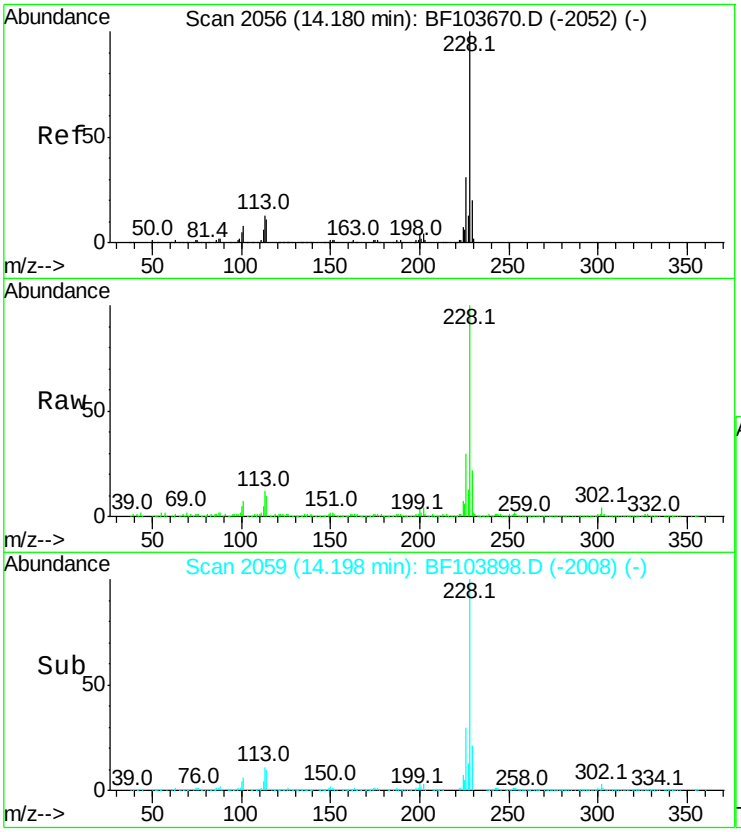


#80
Benzo(a)anthracene
Concen: 27.001 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:228 Resp: 439323

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	20.7	15.8	23.6



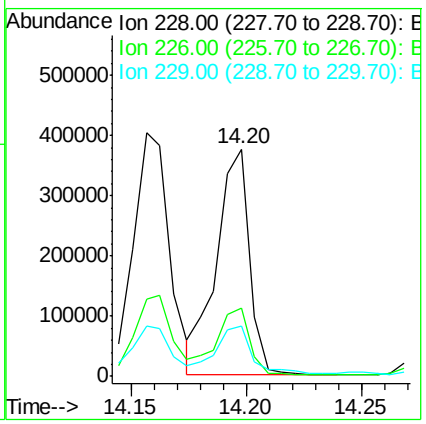


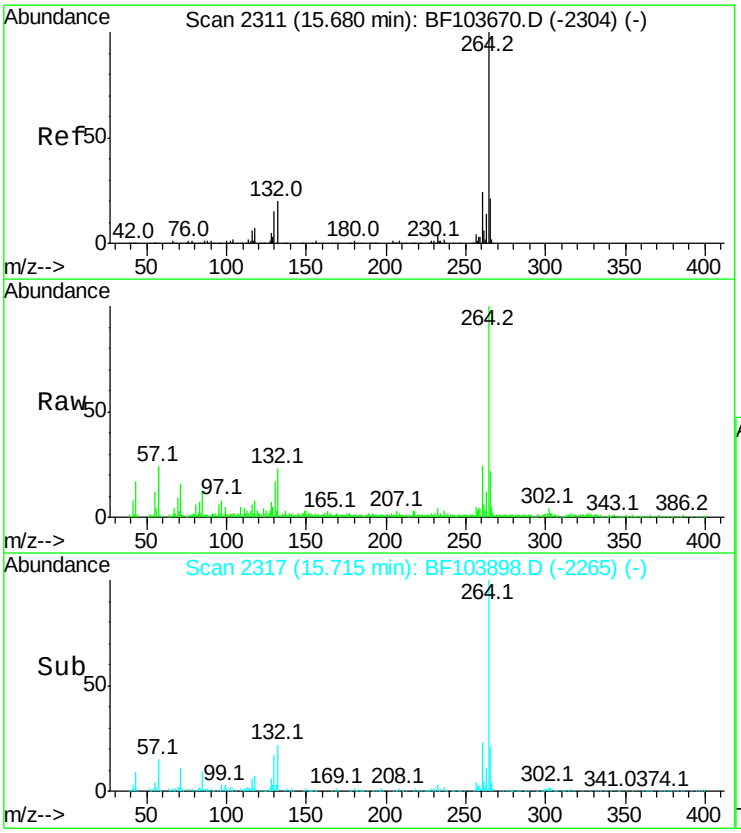
#82
Chrysene
Concen: 24.111 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 373965

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.9	16.2	24.4

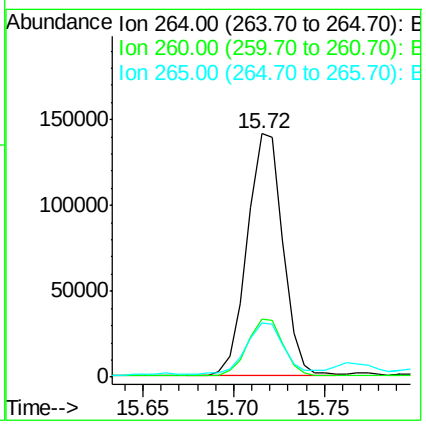


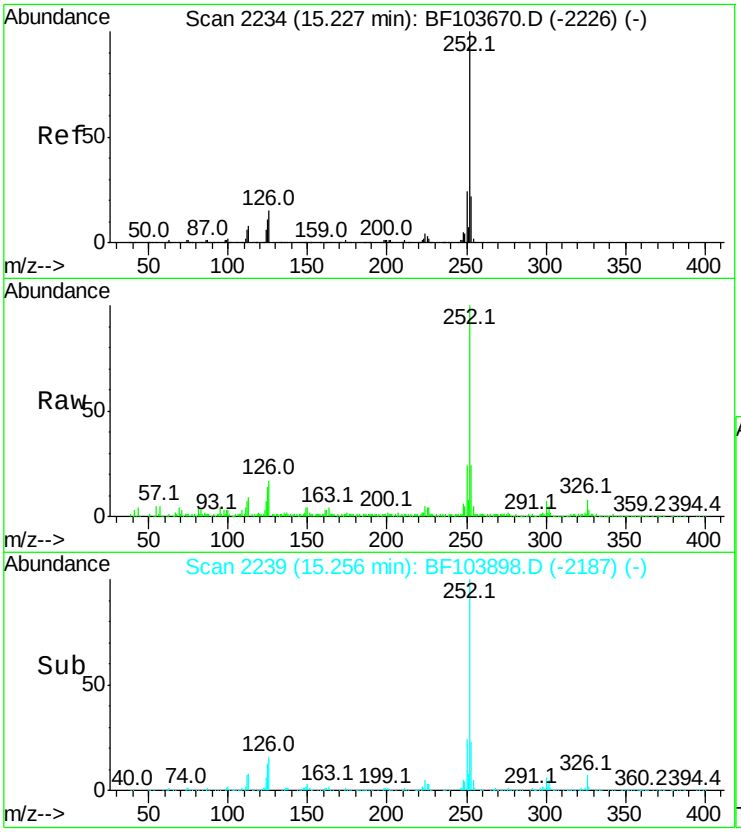


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:264 Resp: 193779

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3



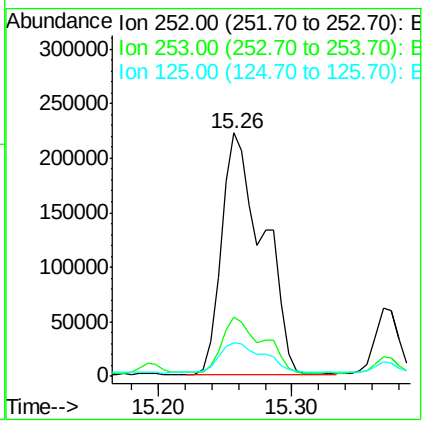


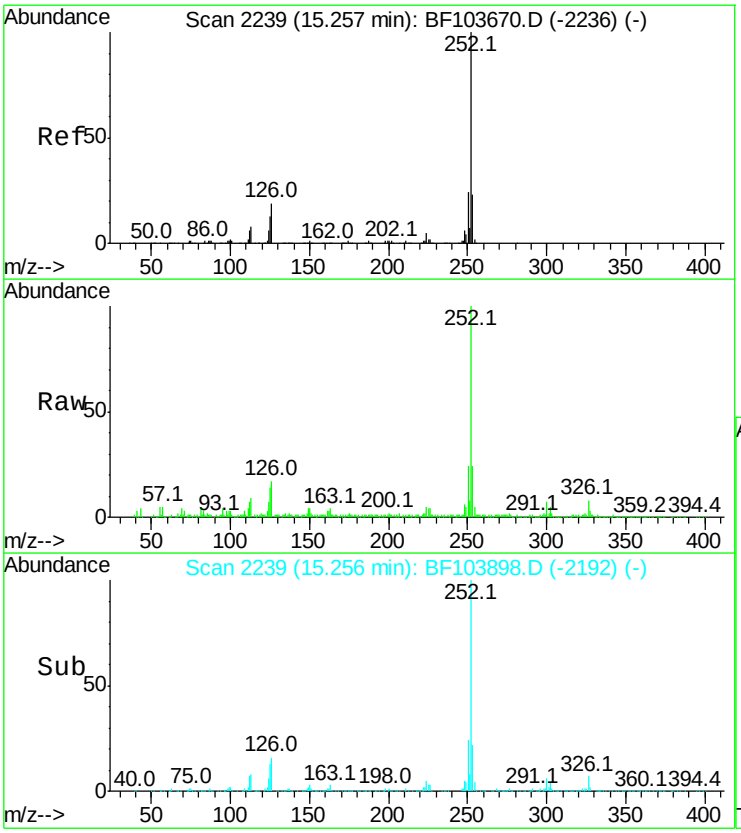
#87
Benzo(b)fluoranthene
Concen: 39.359 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 481852

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	14.0	9.0	13.6#

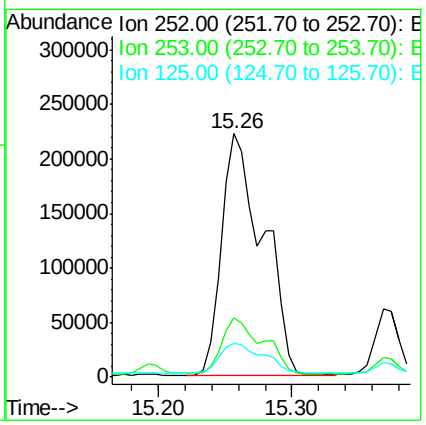


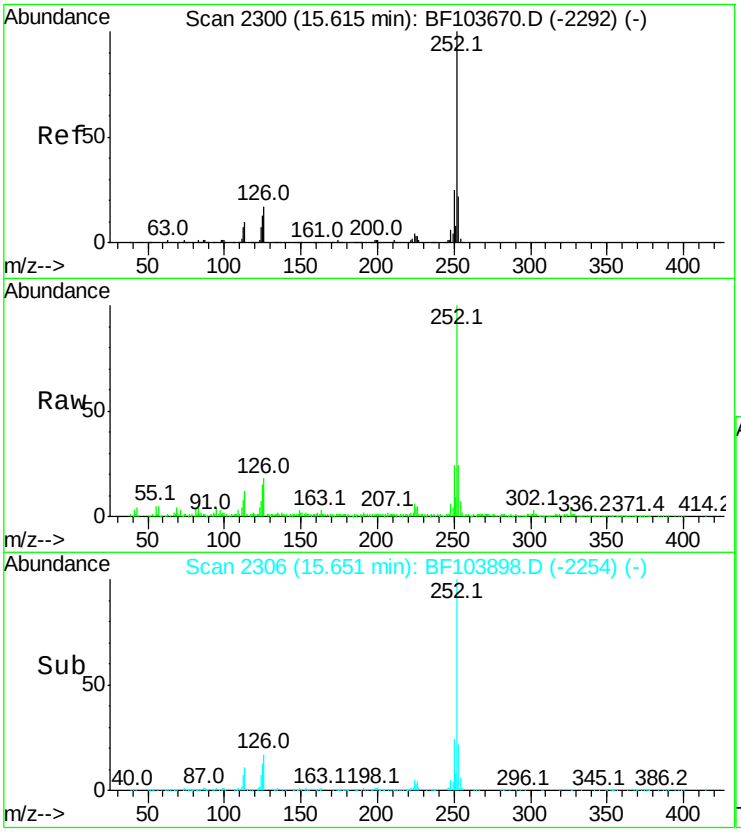


#88
Benzo(k)fluoranthene
Concen: 40.945 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:252 Resp: 481852

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	14.0	10.2	15.2



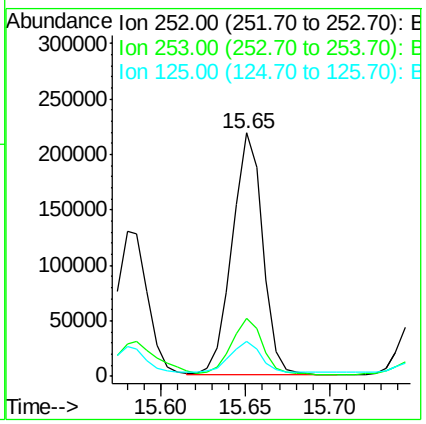


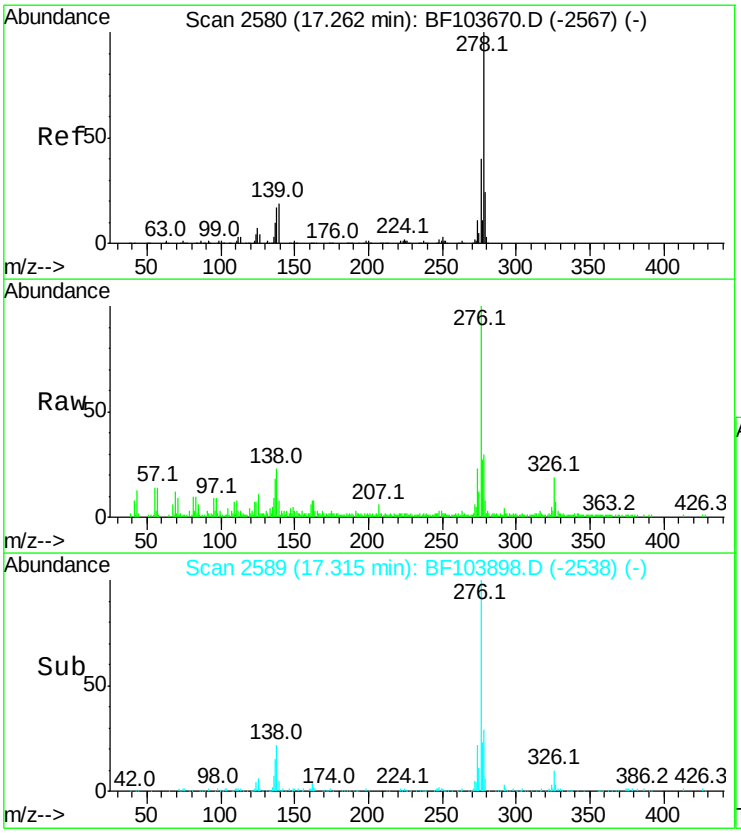
#89
Benzo(a)pyrene
Concen: 24.768 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 275025

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

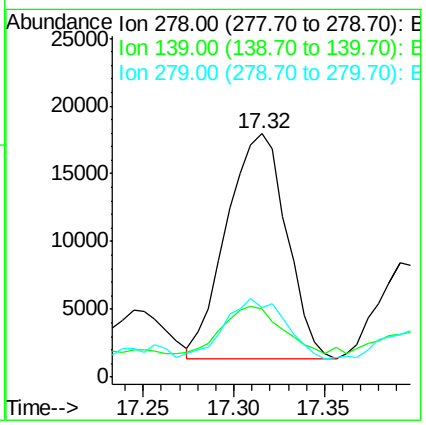


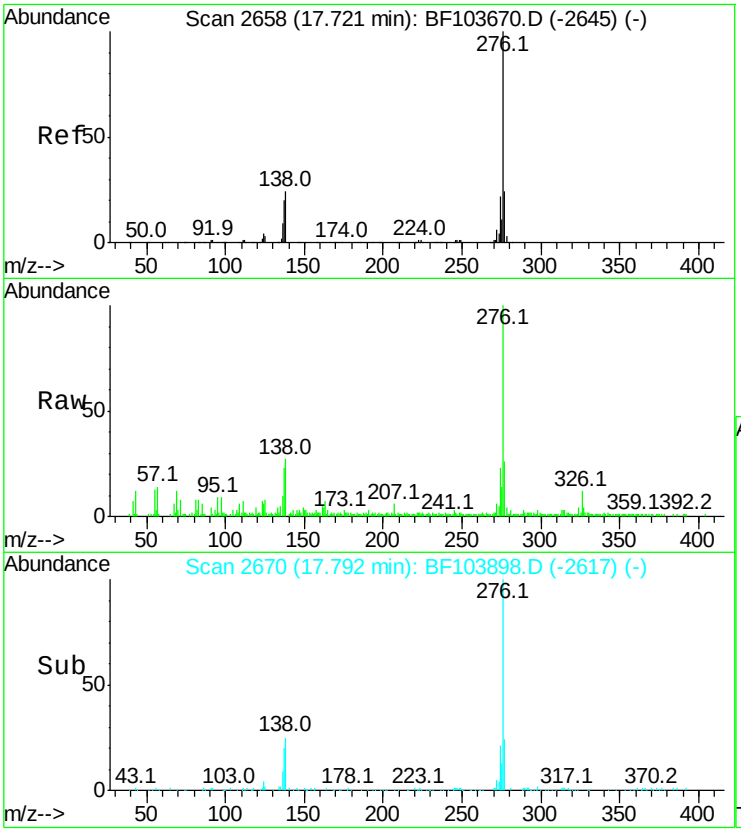


#90
Dibenzo(a,h)anthracene
Concen: 3.983 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Tgt Ion:278 Resp: 38295

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





#91
Benzo(g,h,i)perylene
Concen: 14.891 ng
RT: 17.79 min Scan# 2670
Delta R.T. 0.01 min
Lab File: BF103898.D
Acq: 24 Mar 2018 00:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 139291

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	27.0	21.8	32.8