Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103885.D
Acq On : 23 Mar 2018 17:27
Operator : JU/SJ
Sample : J1998-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 18:14:10 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	147226	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	542985	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	209856	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	327040	20.00	ng		0.00
75) Chrysene-d12	14.17	240	244341	20.00	ng		0.00
86) Perylene-d12	15.73	264	189472	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	505961	52.27	ng		0.00
7) Phenol-d6	6.59	99	612225	51.70	ng		0.00
23) Nitrobenzene-d5	7.53	82	337066	43.29	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	104093	57.69	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	583391	44.34	ng		0.00
78) Terphenyl-d14	13.10	244	467629	44.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	44020	5.800	ng	#	73
25) Isophorone	7.53	82	337061	18.700	ng	#	64
31) Naphthalene	8.28	128	292538	10.665	ng		99
32) Benzoic acid	8.03	122	265	9.944	ng	#	1
33) 4-Chloroaniline	8.28	127	38028	3.305	ng	#	32
37) 2-Methylnaphthalene	8.97	142	131204	7.543	ng		98
45) 1,1'-Biphenyl	9.43	154	39288	2.245	ng		96
47) 2-Nitroaniline	9.56	65	117	6.842	ng	#	8
48) Acenaphthylene	9.88	152	214641	9.959	ng		100
49) Dimethylphthalate	9.72	163	48939	3.057	ng		100
50) 2,6-Dinitrotoluene	9.70	165	1352	4.384	ng	#	1
51) Acenaphthene	10.05	154	128227	10.020	ng		99
52) 3-Nitroaniline	10.04	138	131	3.847	ng	#	1
54) Dibenzofuran	10.22	168	162755	8.905	ng		99
55) 4-Nitrophenol	10.05	139	2368	5.727	ng	#	64
56) 2,4-Dinitrotoluene	10.22	165	1610	6.571	ng	#	1
57) Fluorene	10.57	166	295522	20.837	ng		99
61) 4-Nitroaniline	10.57	138	3393	4.625	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	310	8.400	ng	#	1
70) Phenanthrene	11.54	178	1655651	92.547	ng		99
71) Anthracene	11.59	178	655750	36.090	ng		99
72) Carbazole	11.74	167	111090	6.290	ng		99
74) Fluoranthene	12.74	202	1830444	99.315	ng		98
77) Pyrene	12.97	202	1715638	95.609	ng		99
79) Butylbenzylphthalate	13.57	149	22563	2.838	ng	#	95
80) Benzo(a)anthracene	14.16	228	886740	57.332	ng		93
82) Chrysene	14.20	228	720736	48.884	ng		98
85) Indeno(1,2,3-cd)pyrene	17.32	276	300110	23.308	ng	#	93
87) Benzo(b)fluoranthene	15.26	252	949426	79.315	ng	#	94
88) Benzo(k)fluoranthene	15.26	252	949426	82.510	ng		97
89) Benzo(a)pyrene	15.66	252	536197	49.386	ng	#	95
90) Dibenzo(a,h)anthracene	17.33	278	79181	8.422	ng	#	81
91) Benzo(g,h,i)perylene	17.81	276	292143	31.942	ng		95

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103885.D
Acq On : 23 Mar 2018 17:27
Operator : JU/SJ
Sample : J1998-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 23 18:14:10 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)

(#) = 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 : BF103885.D
Acq On : 23 Mar 2018 17:27
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Instrument :
BNA_F
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Quant Time: Mar 23 18:14:10 2018
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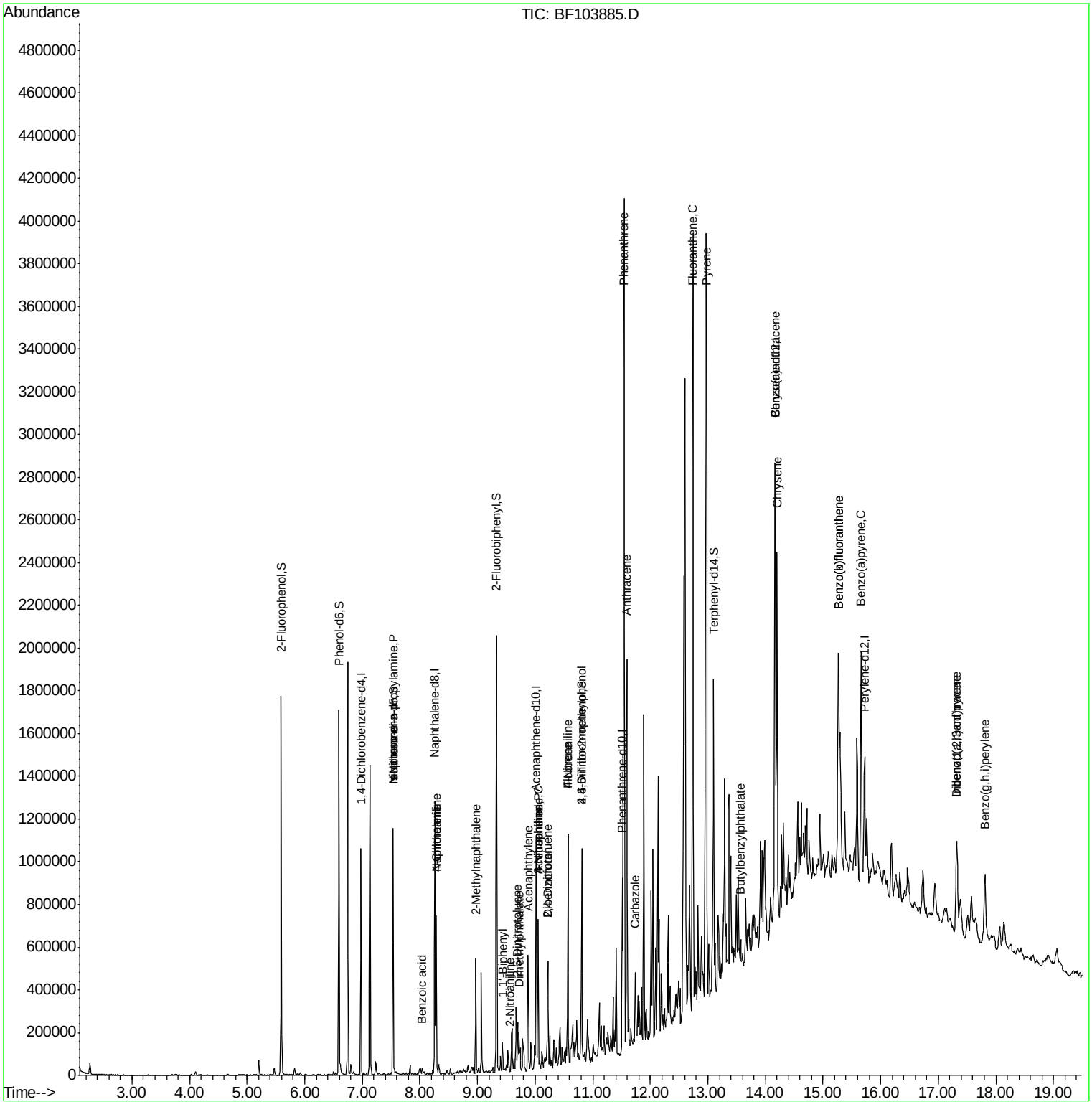
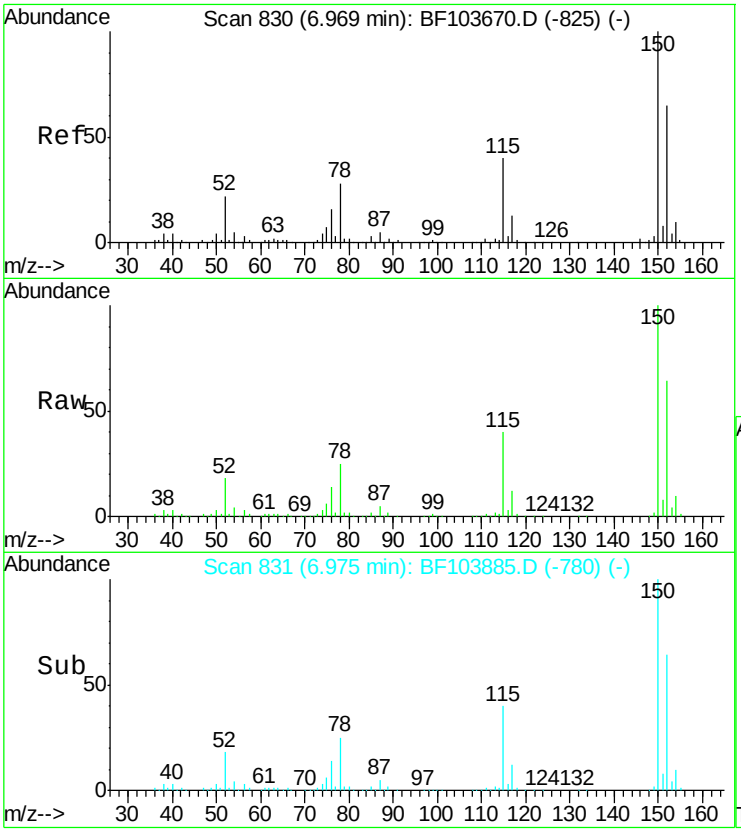
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



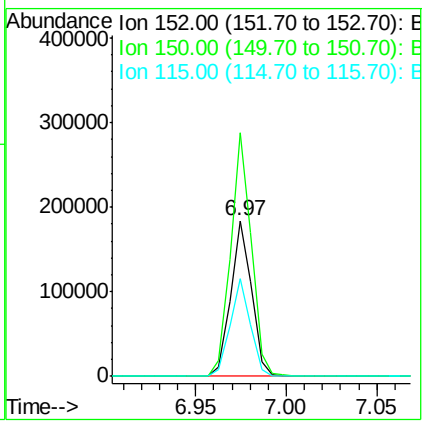


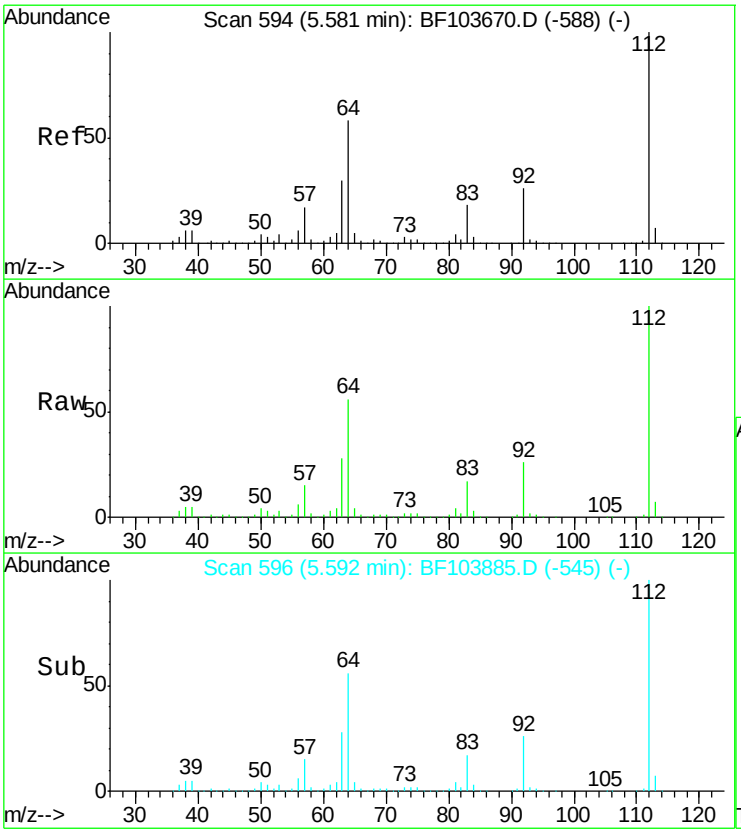
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147226

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	62.7	50.1	75.1

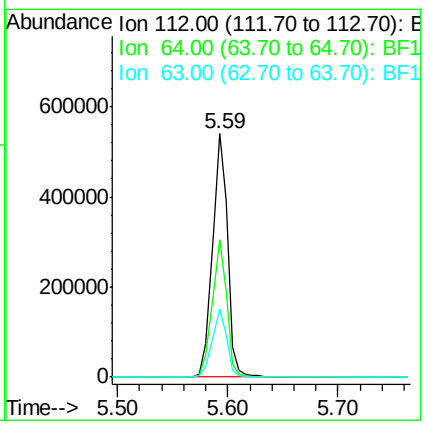


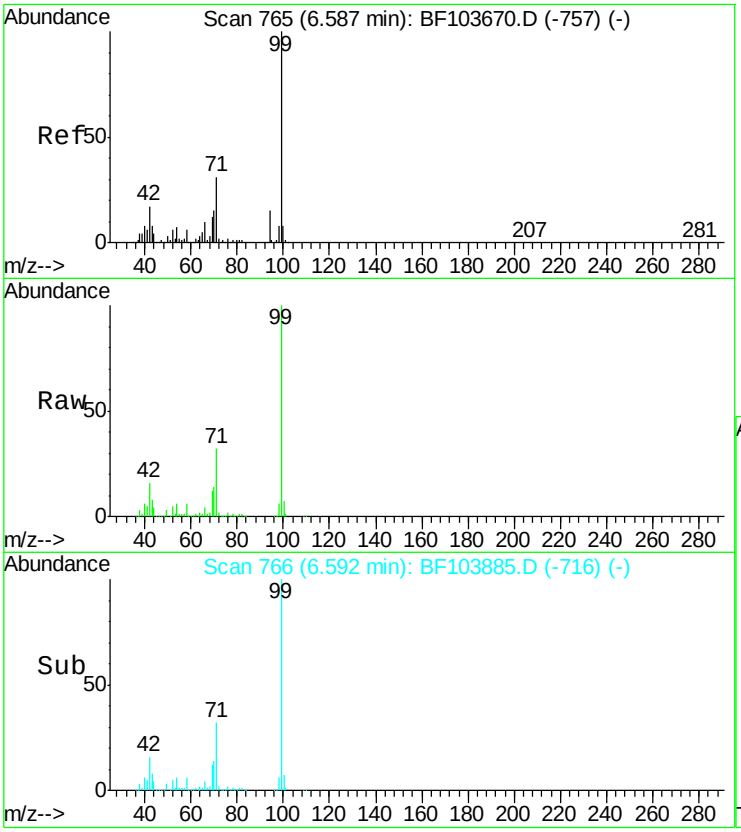


#5
2-Fluorophenol
Concen: 52.271 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:112 Resp: 505961

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	27.8	23.7	35.5



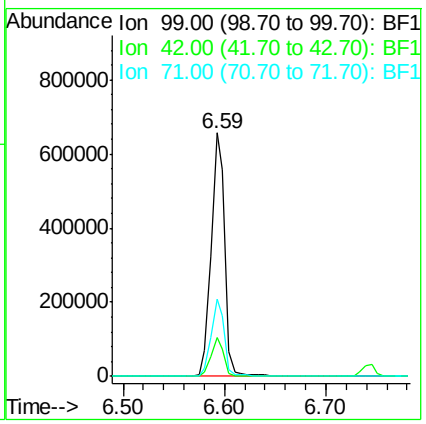


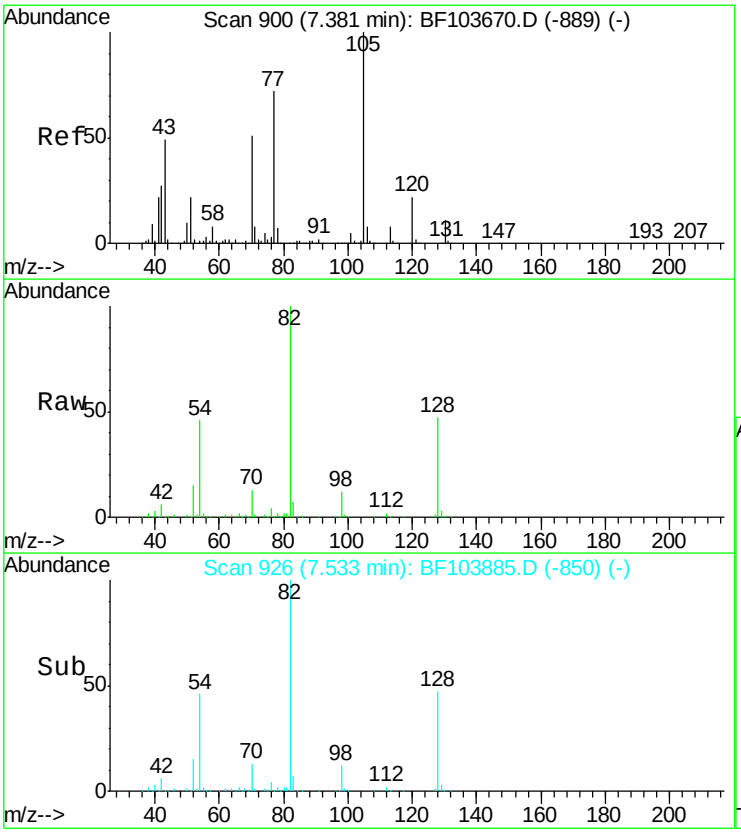
#7
Phenol-d6
Concen: 51.698 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 612225

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	31.7	25.4	38.0

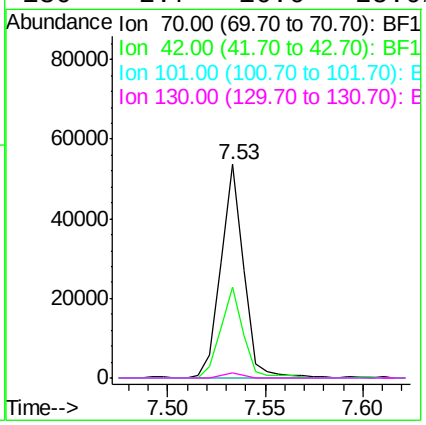


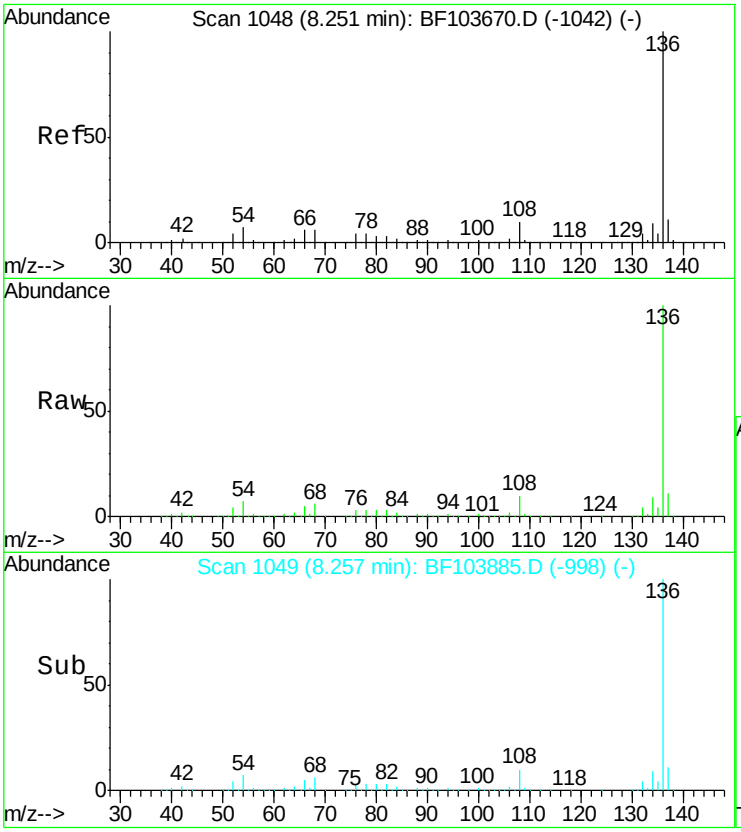


#19
n-Nitroso-di-n-propylamine
Concen: 5.800 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion: 70 Resp: 44020

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



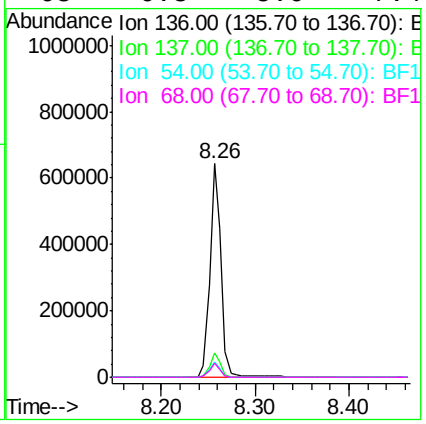


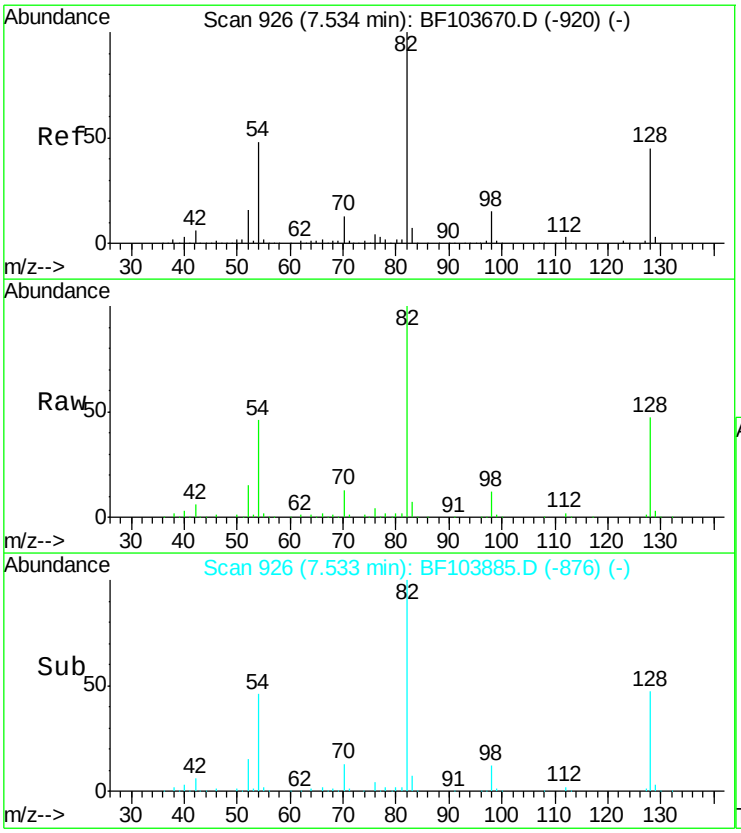
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 542985

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4

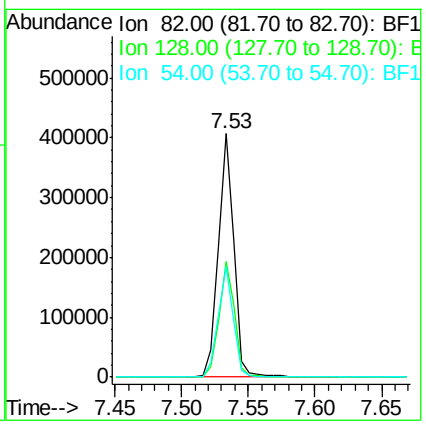


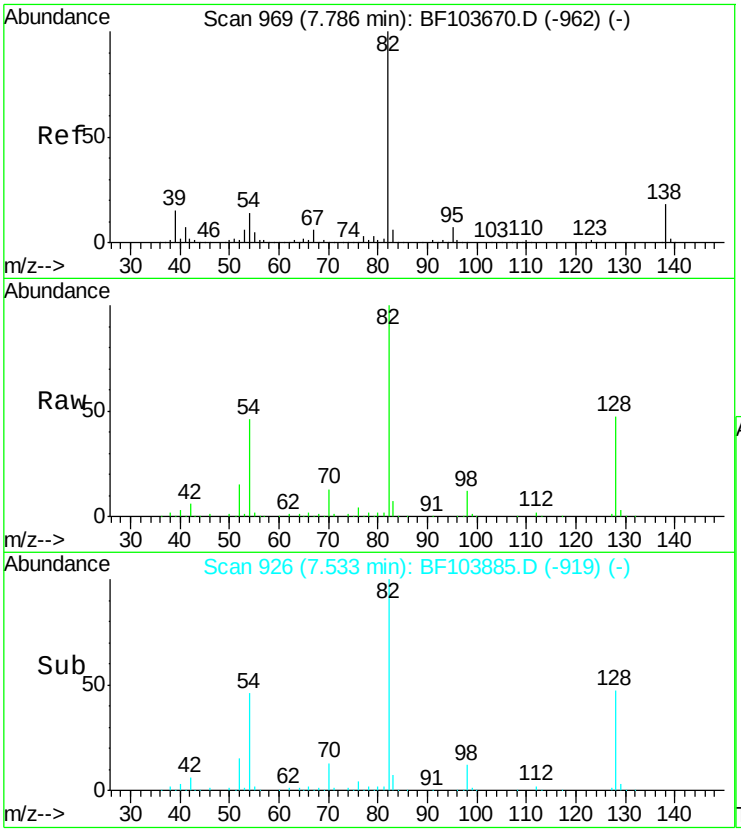


#23
Nitrobenzene-d5
Concen: 43.290 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion: 82 Resp: 337066

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	45.6	41.4	62.2



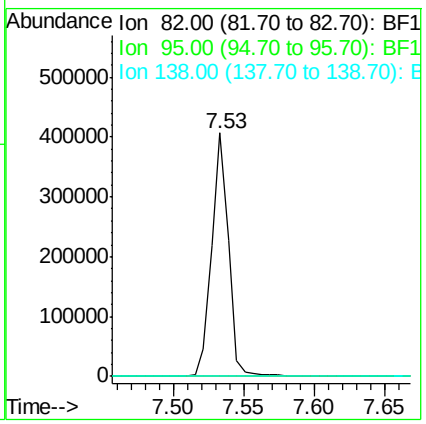


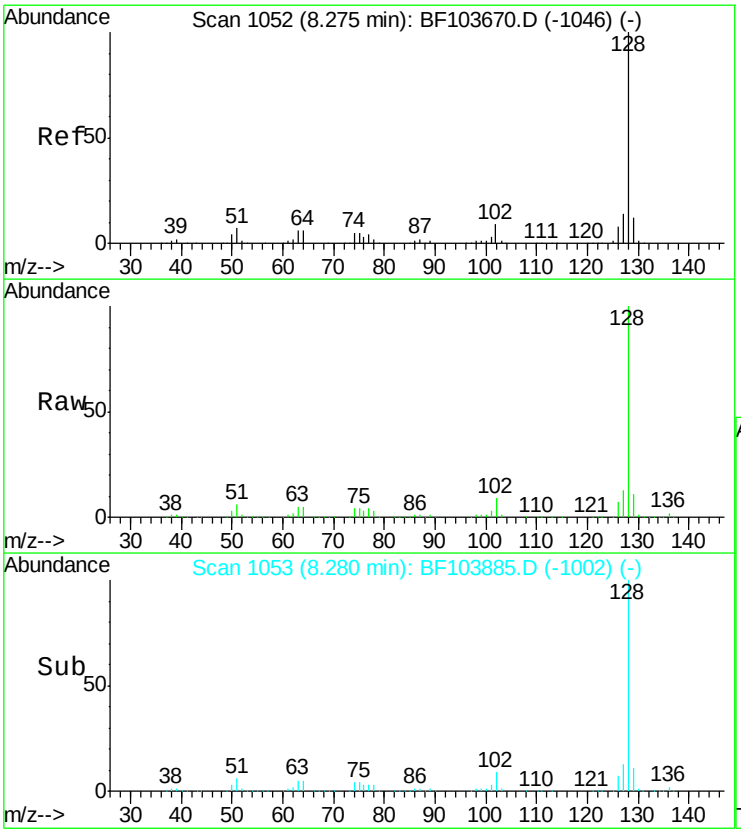
#25
Isophorone
Concen: 18.700 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 337061

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

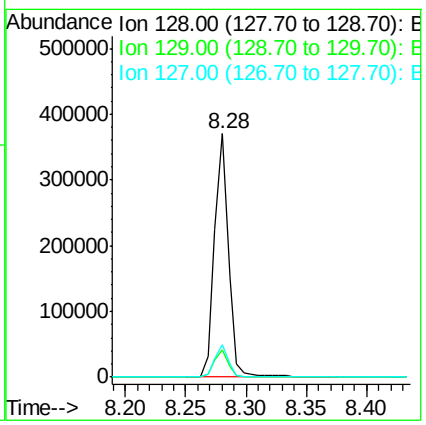


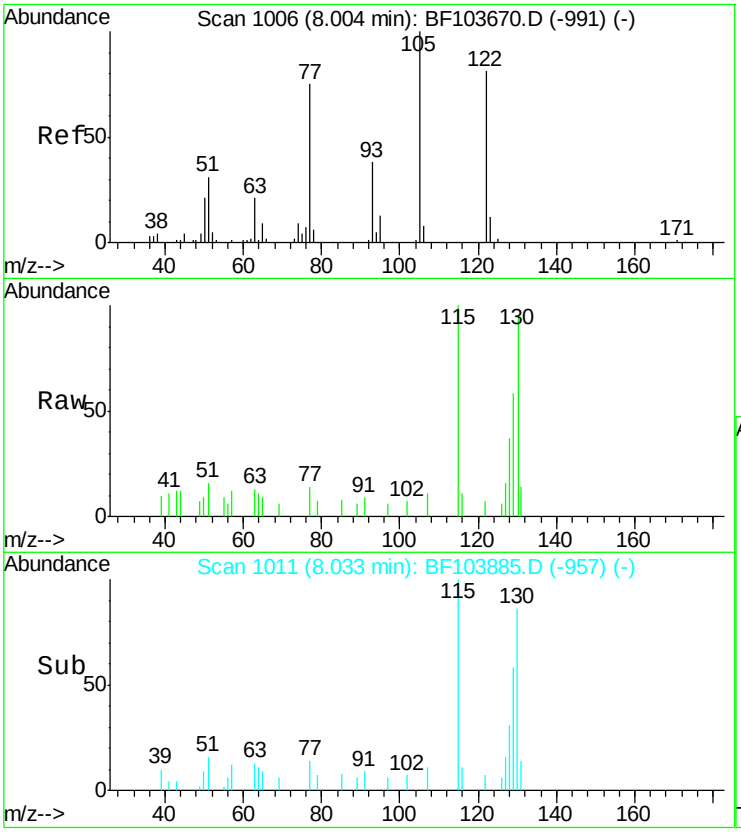


#31
Naphthalene
Concen: 10.665 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:128 Resp: 292538

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.1	10.9	16.3



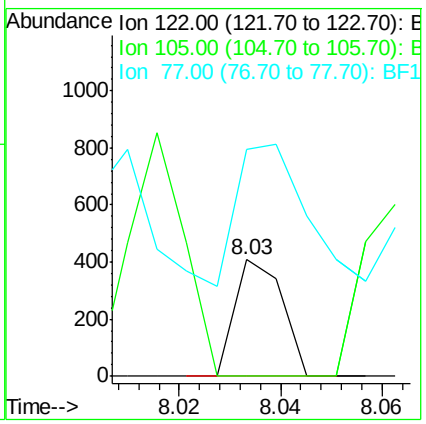


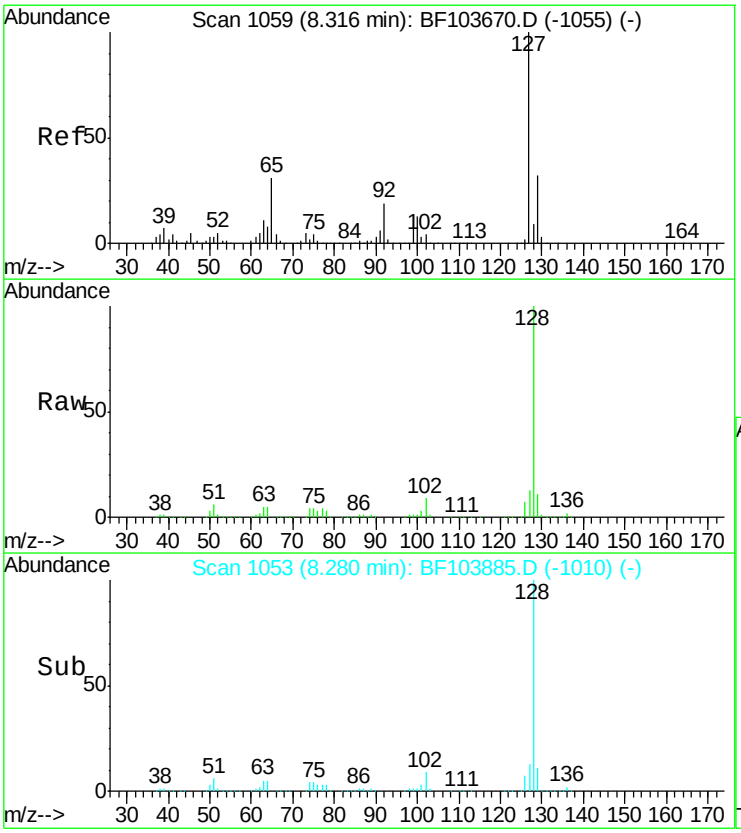
#32
Benzoic acid
Concen: 9.944 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 265

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	195.1	70.7	110.7#

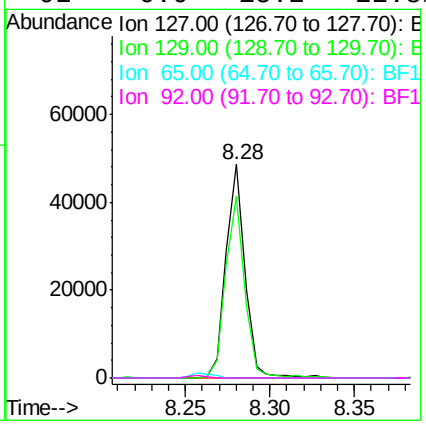


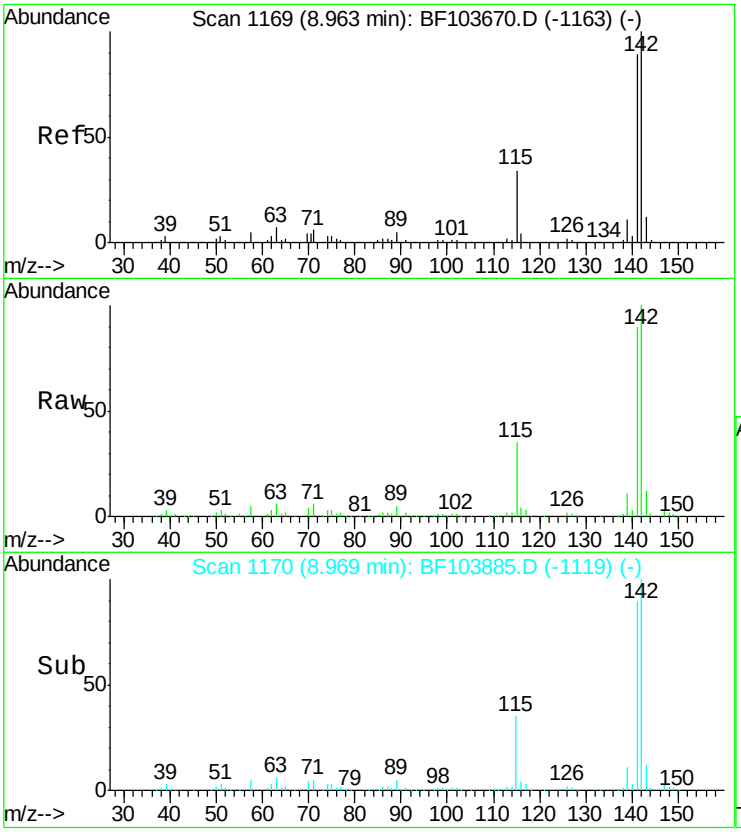


#33
4-Chloroaniline
Concen: 3.305 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:127 Resp: 38028

Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



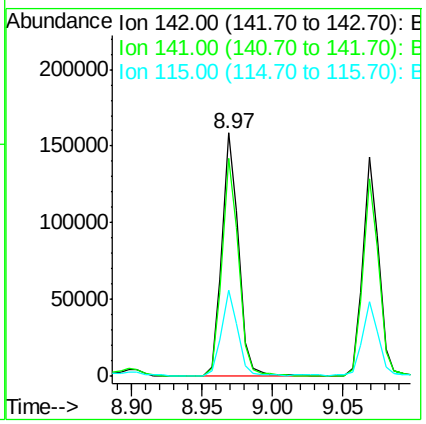


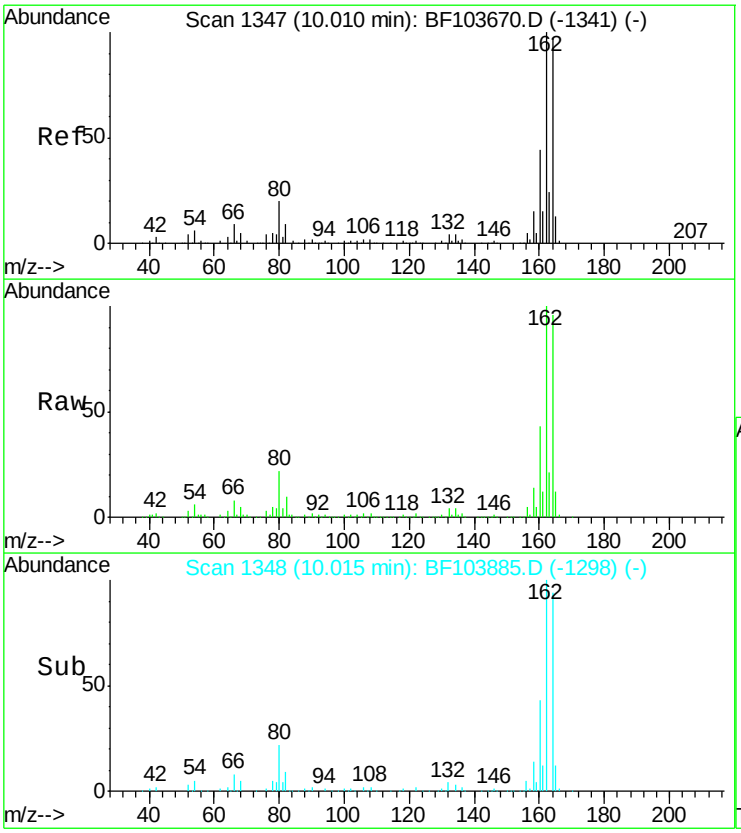
#37
2-Methylnaphthalene
Concen: 7.543 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 131204

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	35.4	26.1	39.1

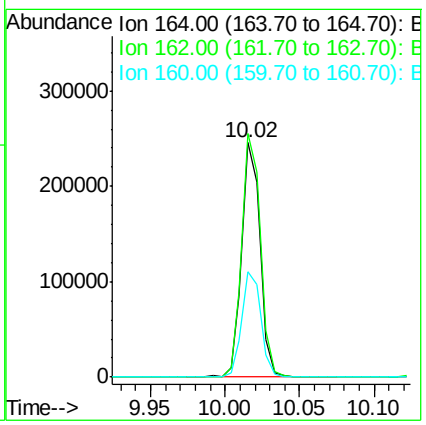


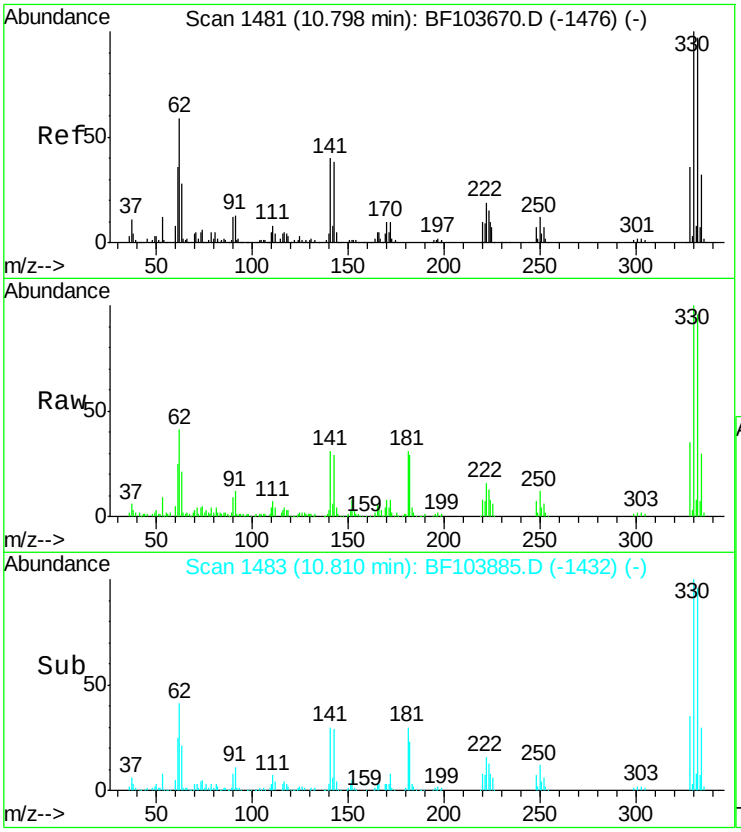


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:164 Resp: 209856

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	44.9	38.3	57.5



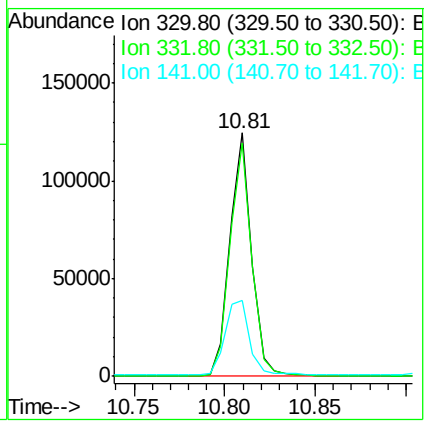


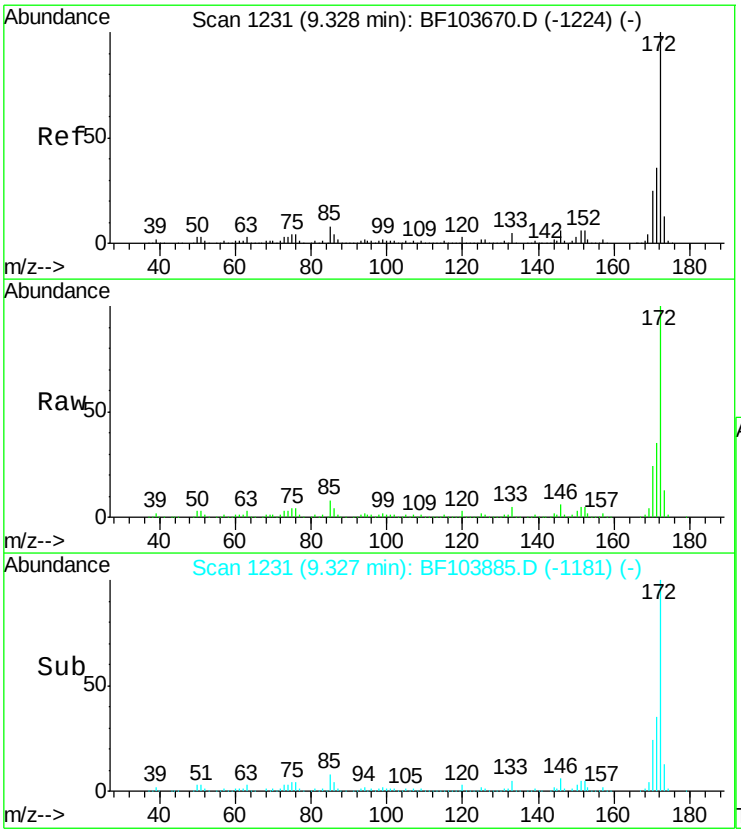
#41
2,4,6-Tribromophenol
Concen: 57.690 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 104093

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.8	29.9	44.9

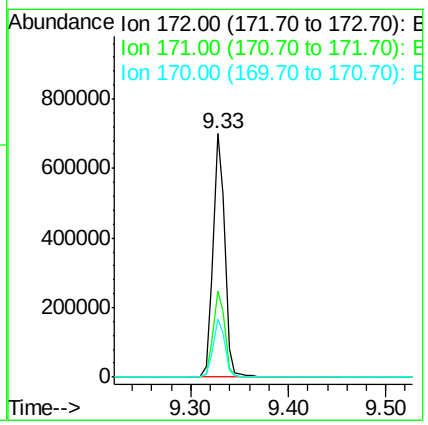


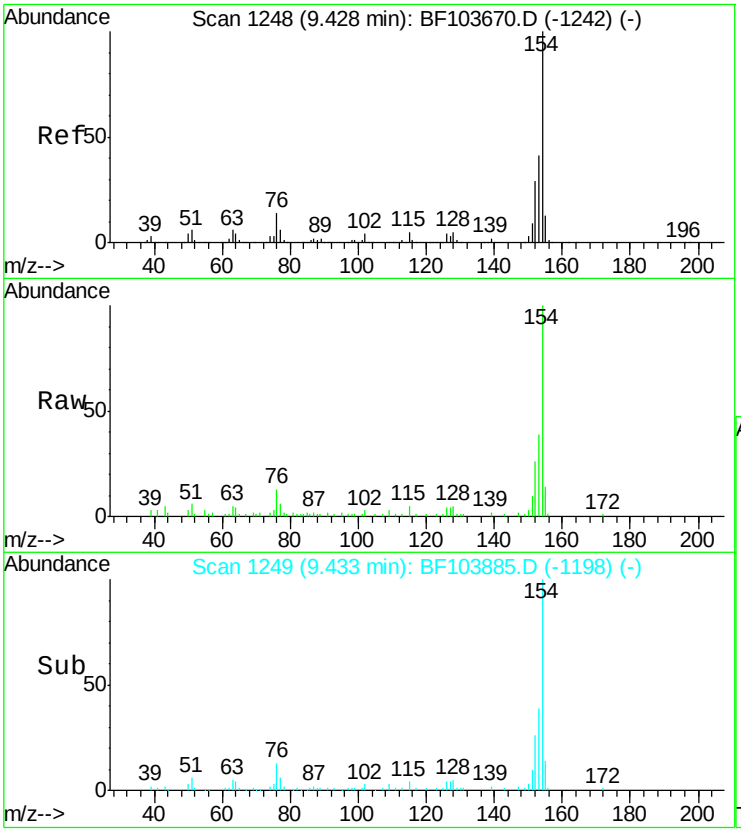


#44
2-Fluorobiphenyl
Concen: 44.344 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:172 Resp: 583391

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.6	19.6	29.4



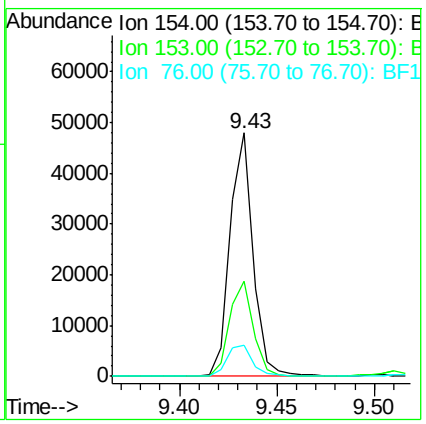


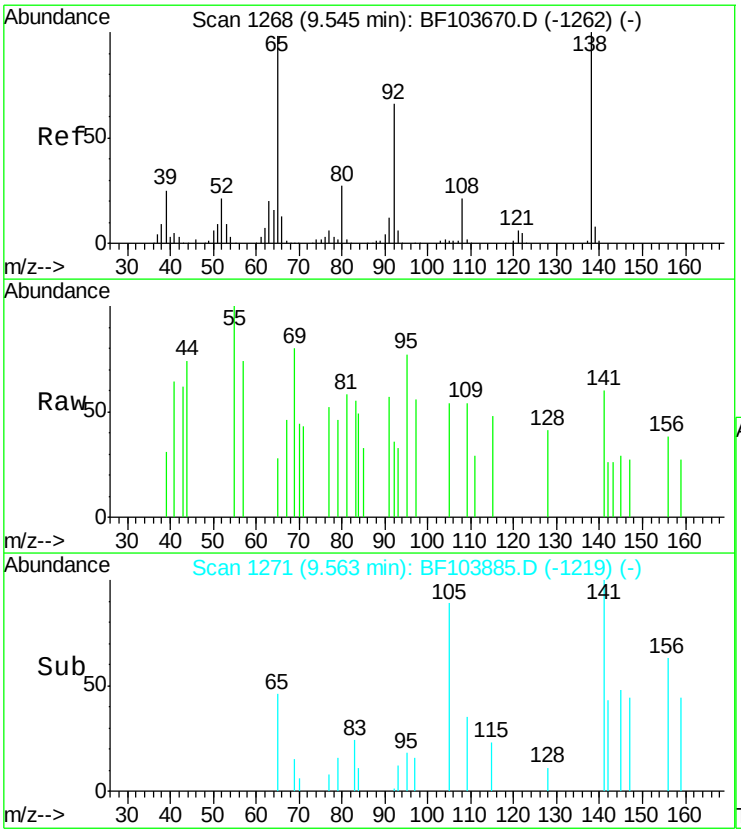
#45
1,1'-Biphenyl
Concen: 2.245 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 39288

Ion	Ratio	Lower	Upper
154	100		
153	38.9	21.3	61.3
76	12.6	0.0	34.0

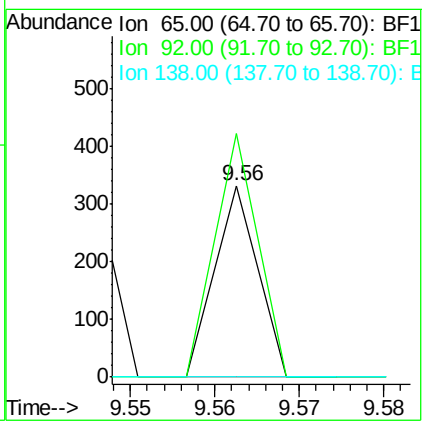


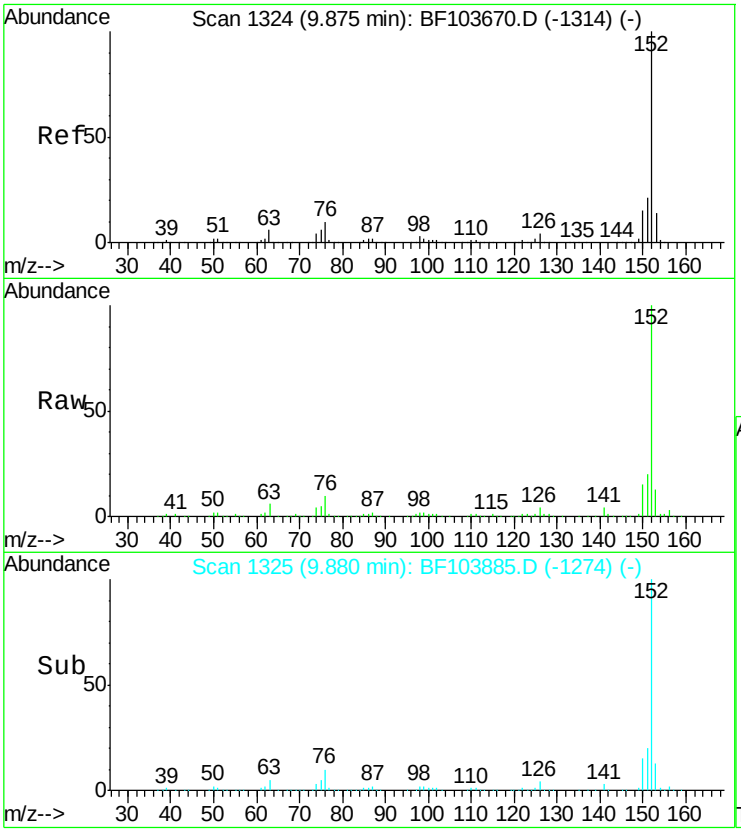


#47
2-Nitroaniline
Concen: 6.842 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion: 65 Resp: 117

Ion	Ratio	Lower	Upper
65	100		
92	127.1	55.8	83.6#
138	0.0	91.2	136.8#



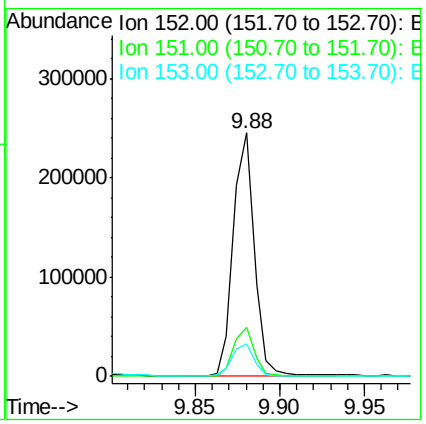


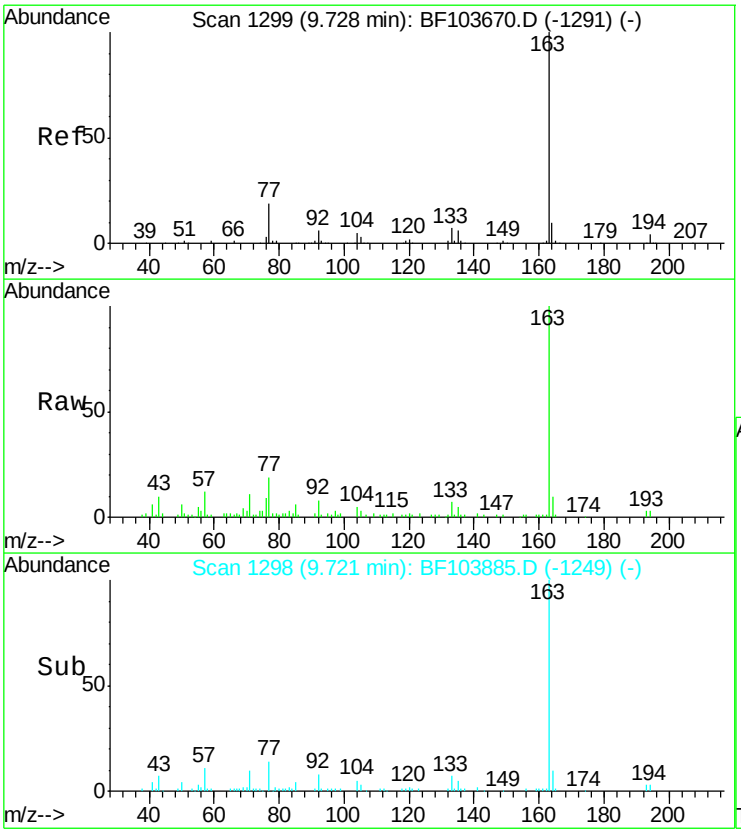
#48
Acenaphthylene
Concen: 9.959 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 214641

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.3	10.7	16.1

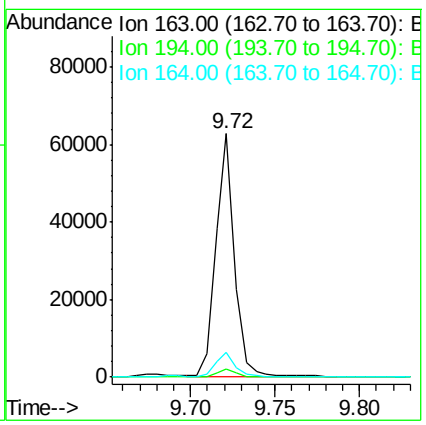


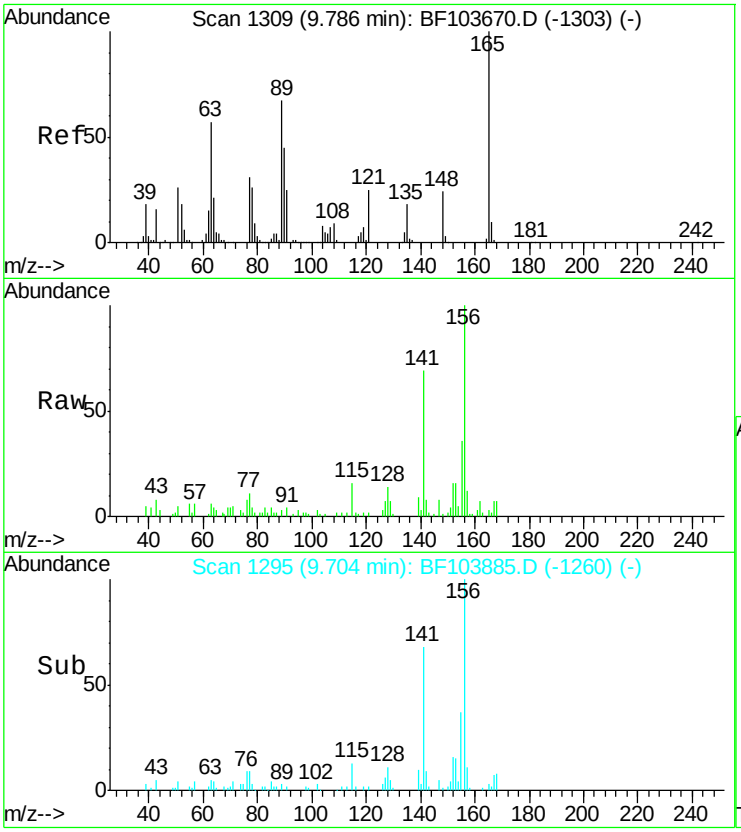


#49
Dimethylphthalate
Concen: 3.057 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:163 Resp: 48939

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2



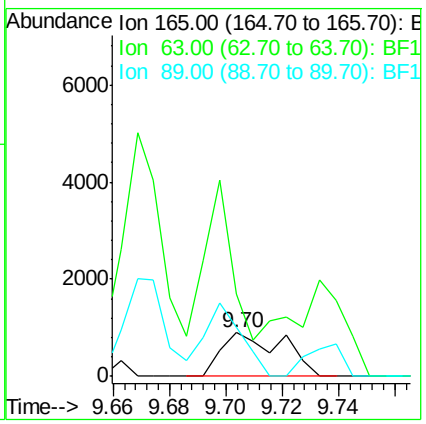


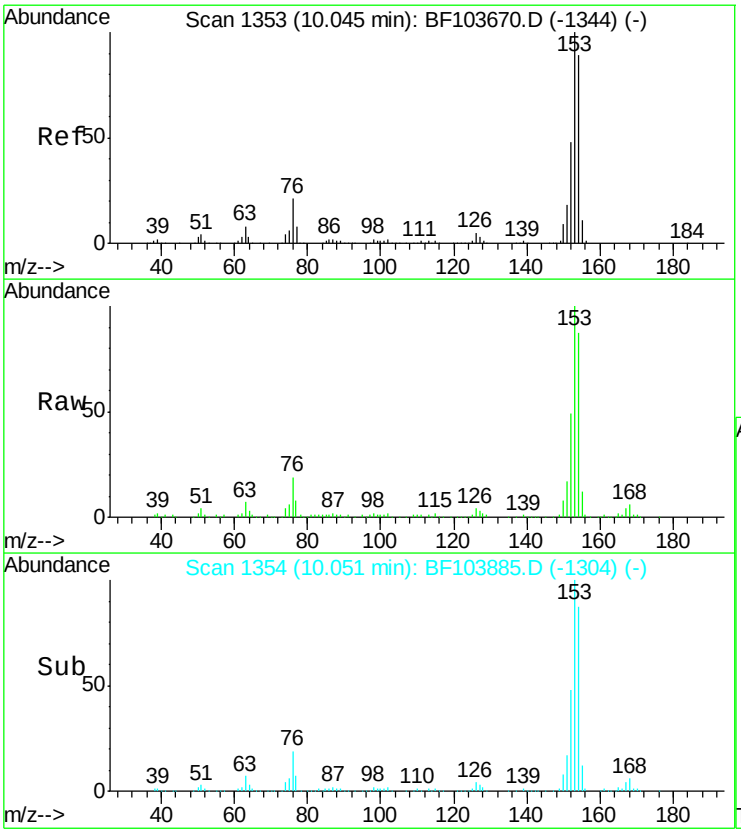
#50
2,6-Dinitrotoluene
Concen: 4.384 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.09 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1352

Ion	Ratio	Lower	Upper
165	100		
63	186.9	44.7	67.1#
89	111.2	44.0	66.0#

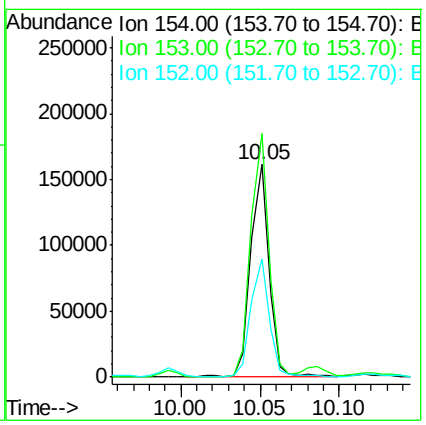


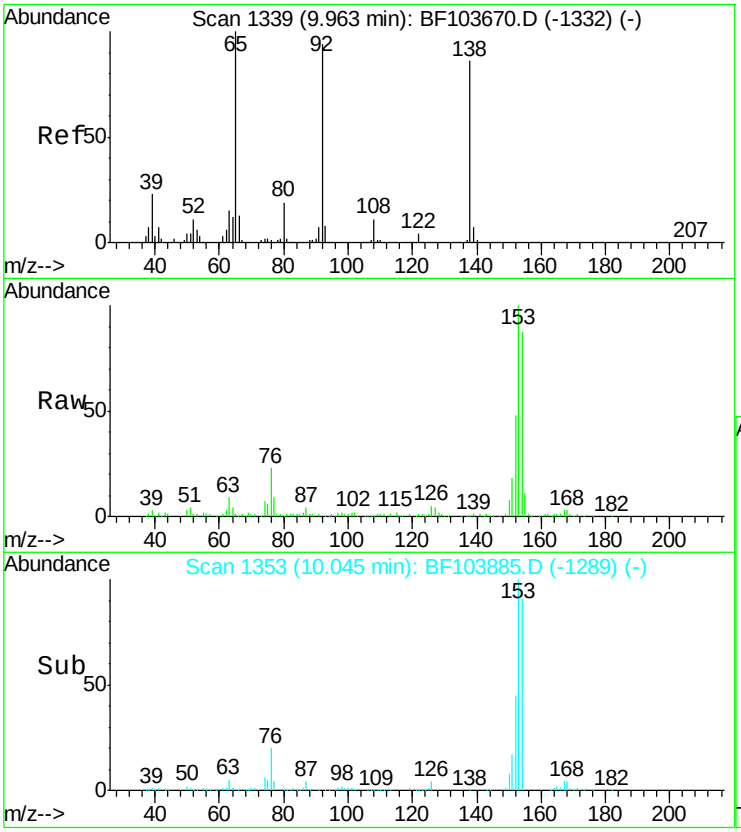


#51
Acenaphthene
Concen: 10.020 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:154 Resp: 128227

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	55.6	43.8	65.8



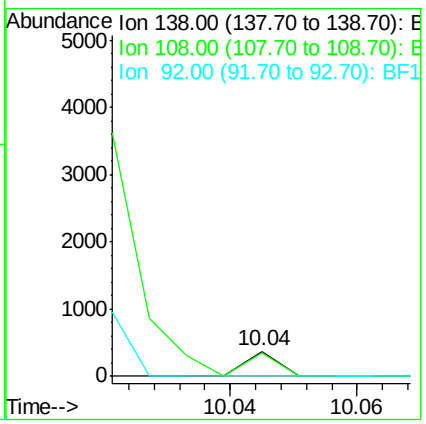


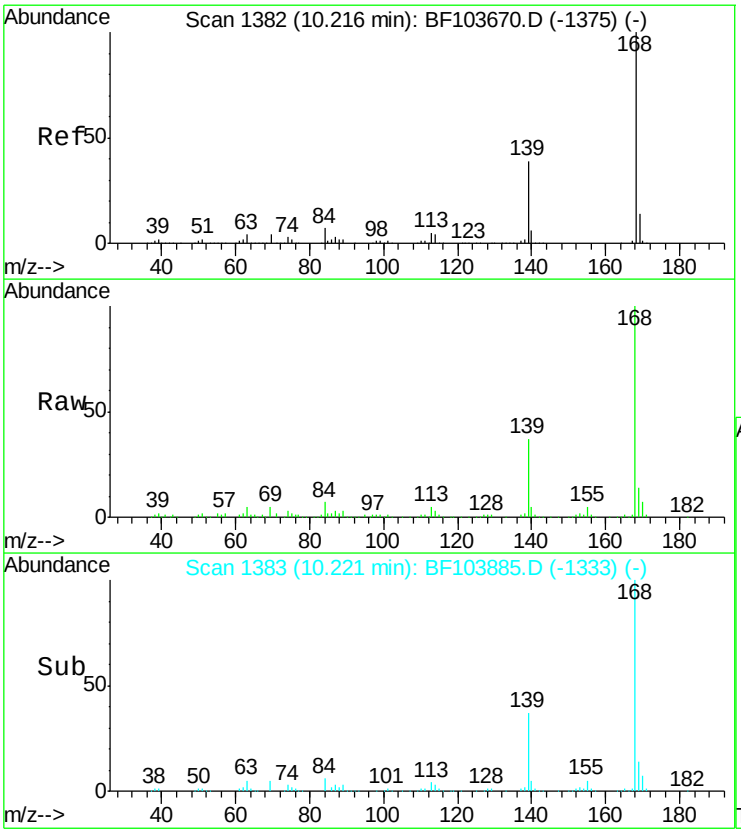
#52
3-Nitroaniline
Concen: 3.847 ng
RT: 10.04 min Scan# 1353
Delta R.T. 0.08 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 131

Ion	Ratio	Lower	Upper
138	100		
108	94.1	9.4	14.0#
92	0.0	89.4	134.2#

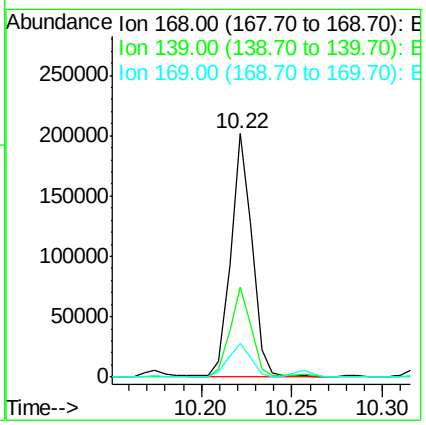


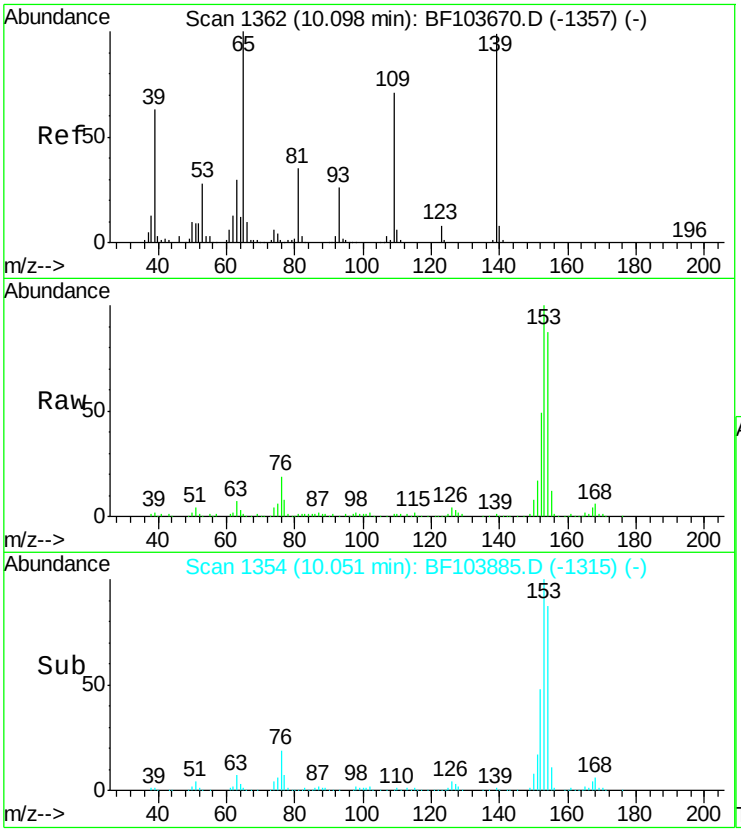


#54
Dibenzofuran
Concen: 8.905 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:168 Resp: 162755

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.7	10.9	16.3



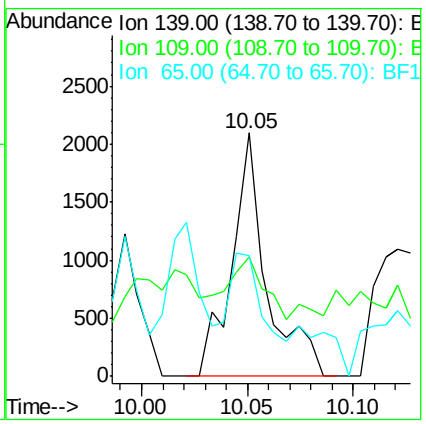


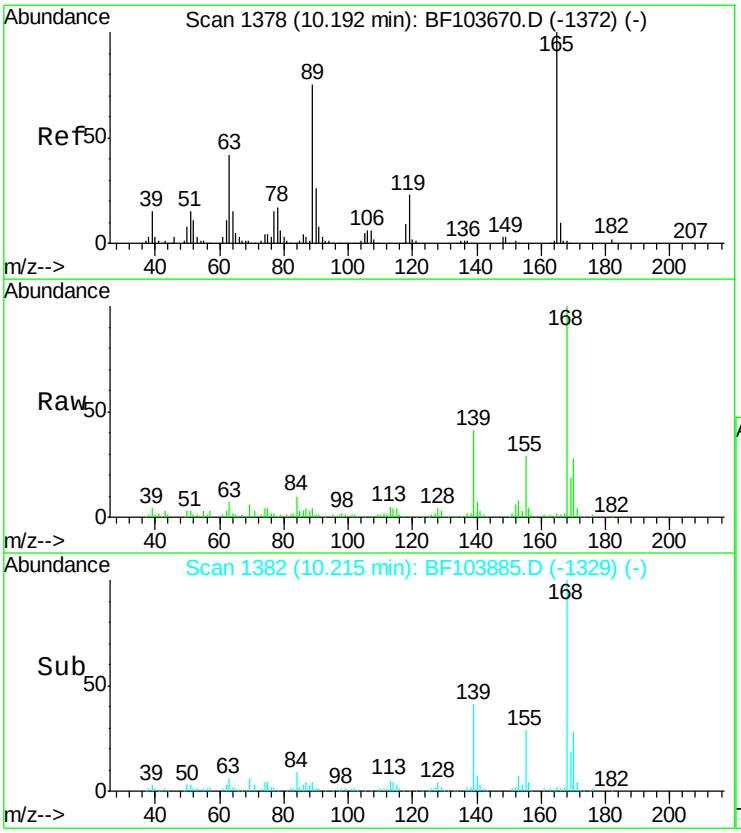
#55
4-Nitrophenol
Concen: 5.727 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.07 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2368

Ion	Ratio	Lower	Upper
139	100		
109	49.2	48.4	88.4
65	49.4	72.6	112.6#

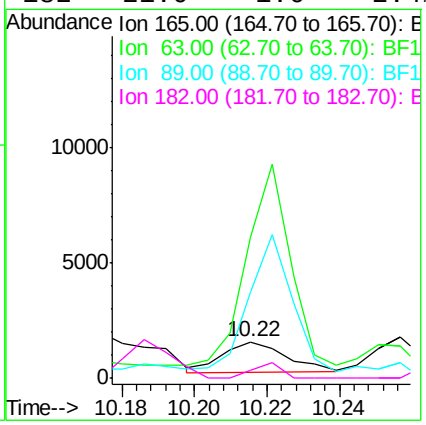


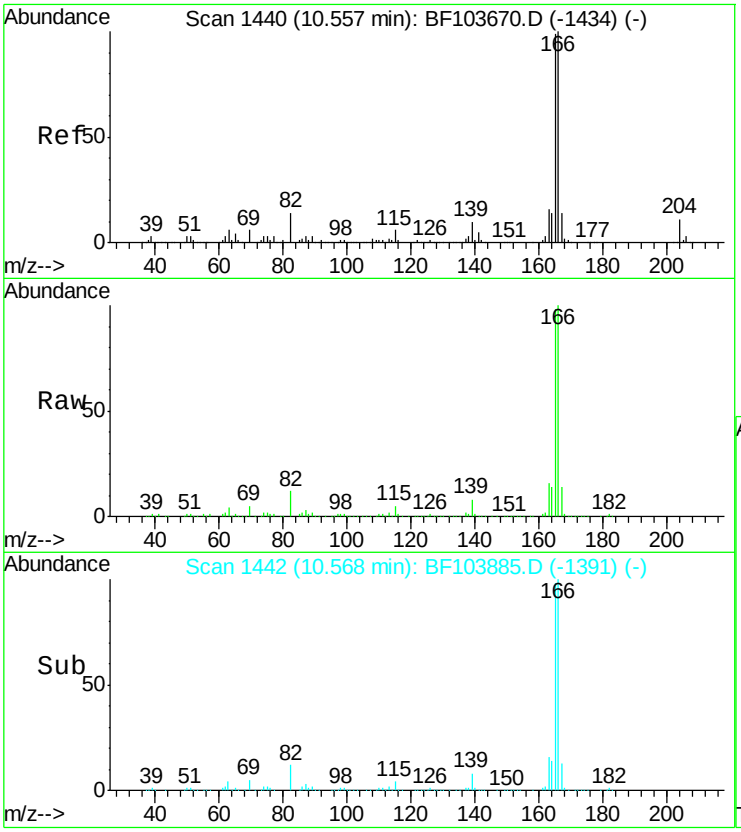


#56
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:165 Resp: 1610

Ion	Ratio	Lower	Upper
165	100		
63	389.3	36.4	54.6#
89	234.8	57.8	86.6#
182	21.0	1.6	2.4#



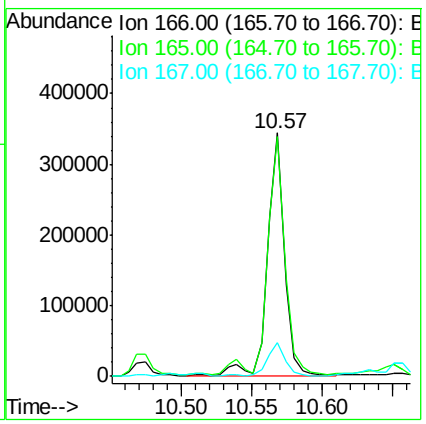


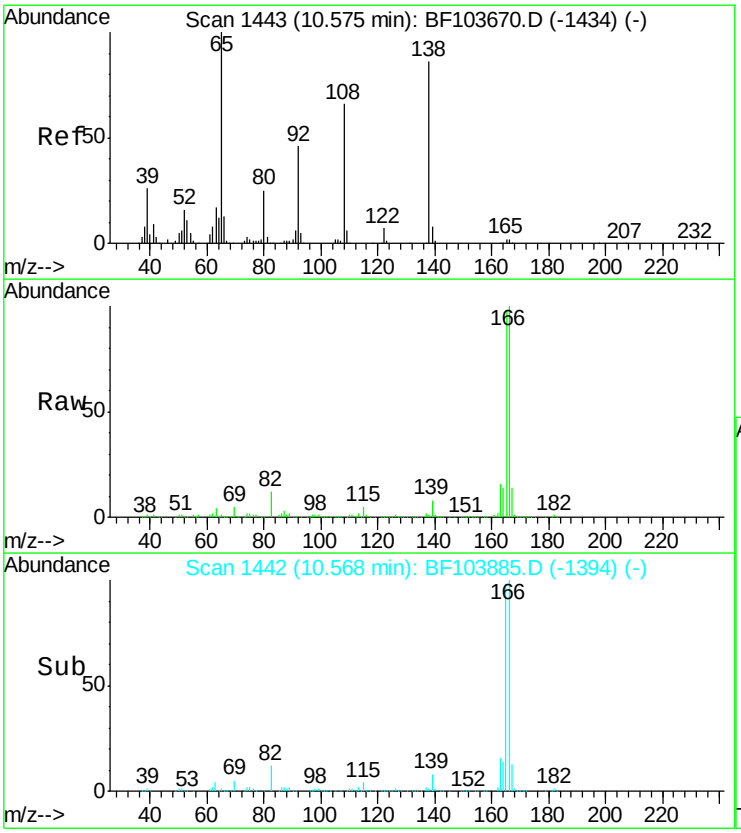
#57
Fluorene
Concen: 20.837 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 295522

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.6	10.6	16.0

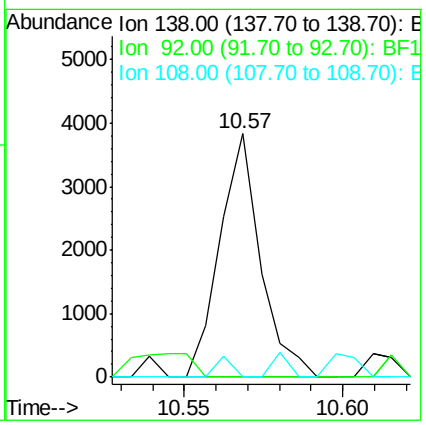


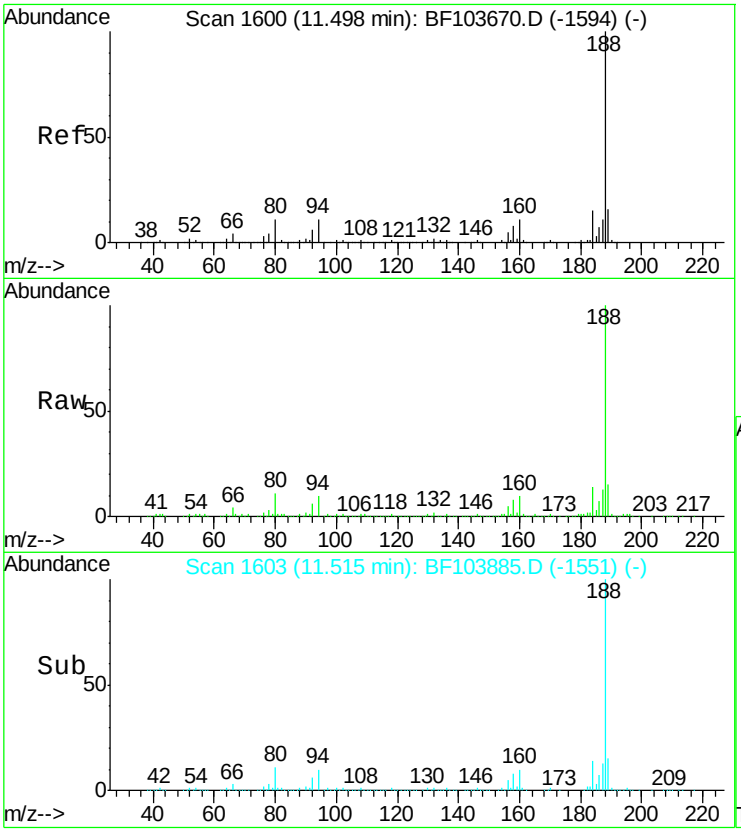


#61
4-Nitroaniline
Concen: 4.625 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:138 Resp: 3393

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



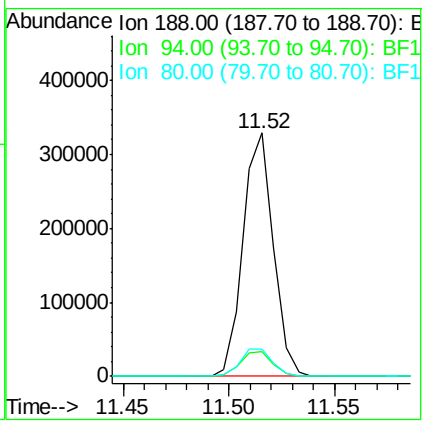


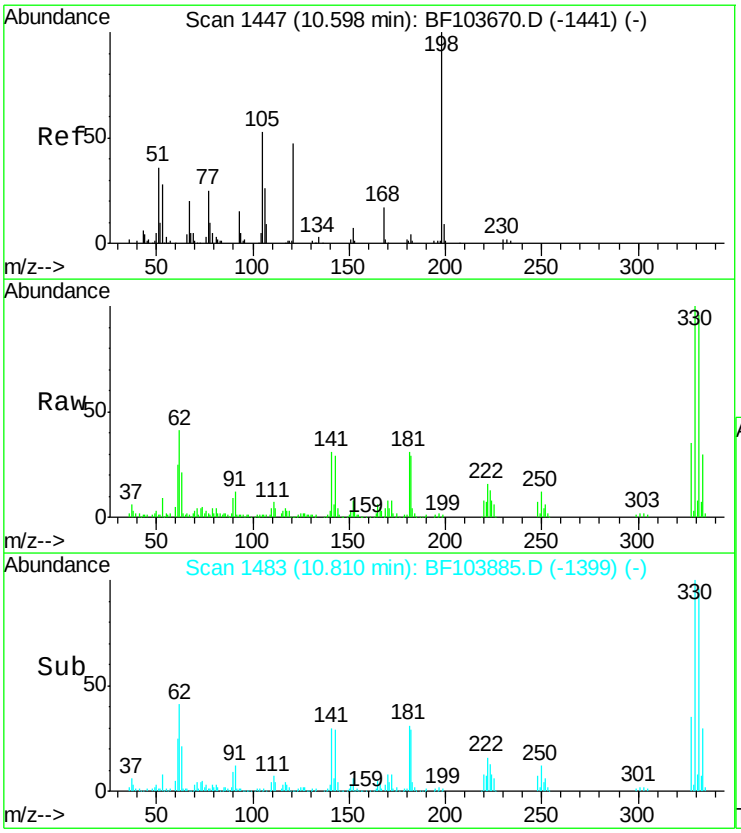
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 327040

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.4	9.2	13.8

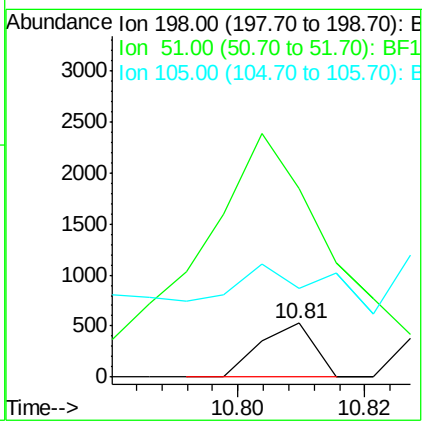


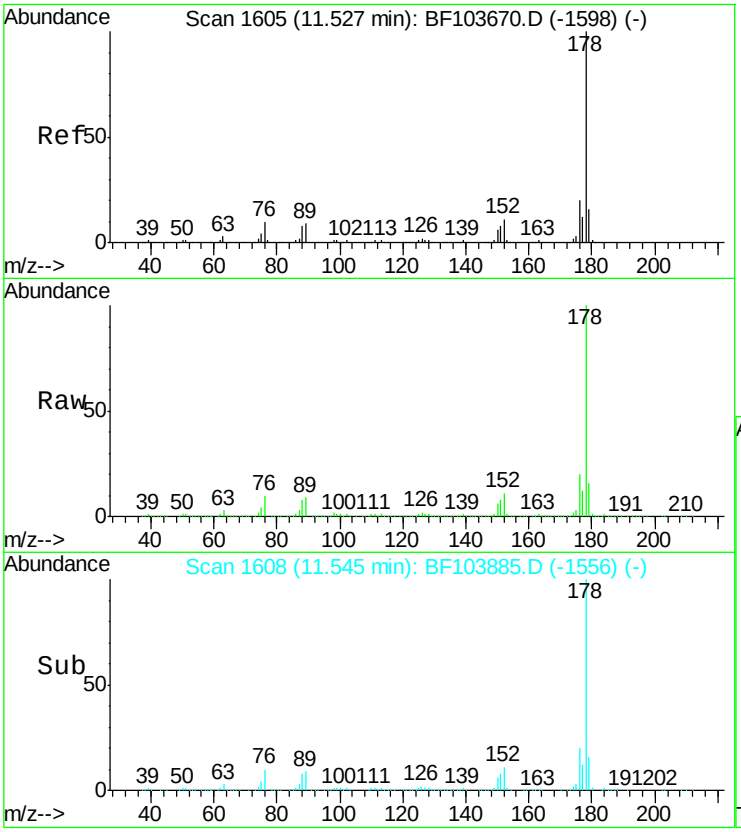


#64
4,6-Dinitro-2-methylphenol
Concen: 8.400 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:198 Resp: 310

Ion	Ratio	Lower	Upper
198	100		
51	351.2	37.7	77.7#
105	164.8	36.3	76.3#



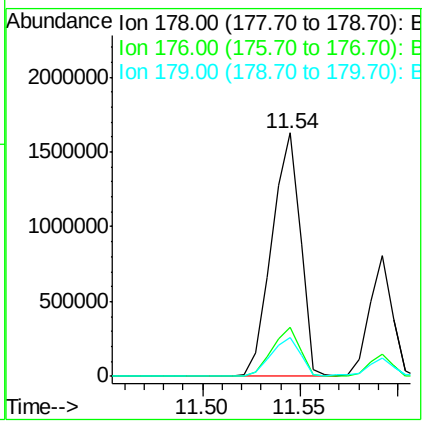


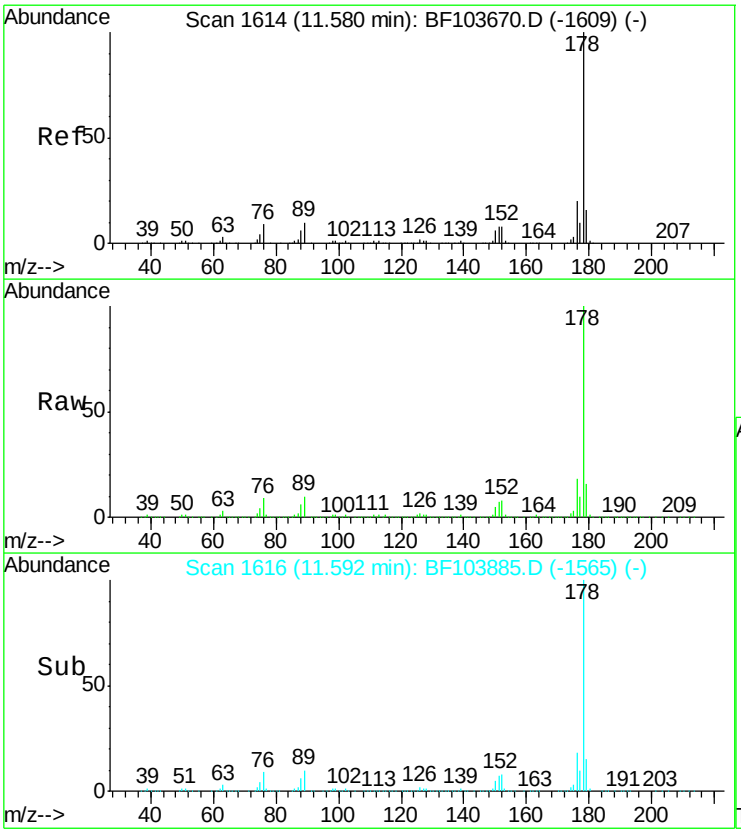
#70
Phenanthrene
Concen: 92.547 ng
RT: 11.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1655651

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.0	13.0	19.6

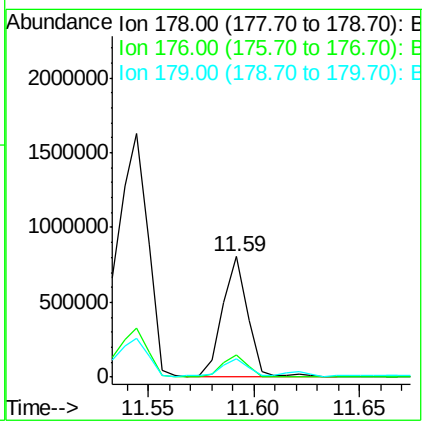


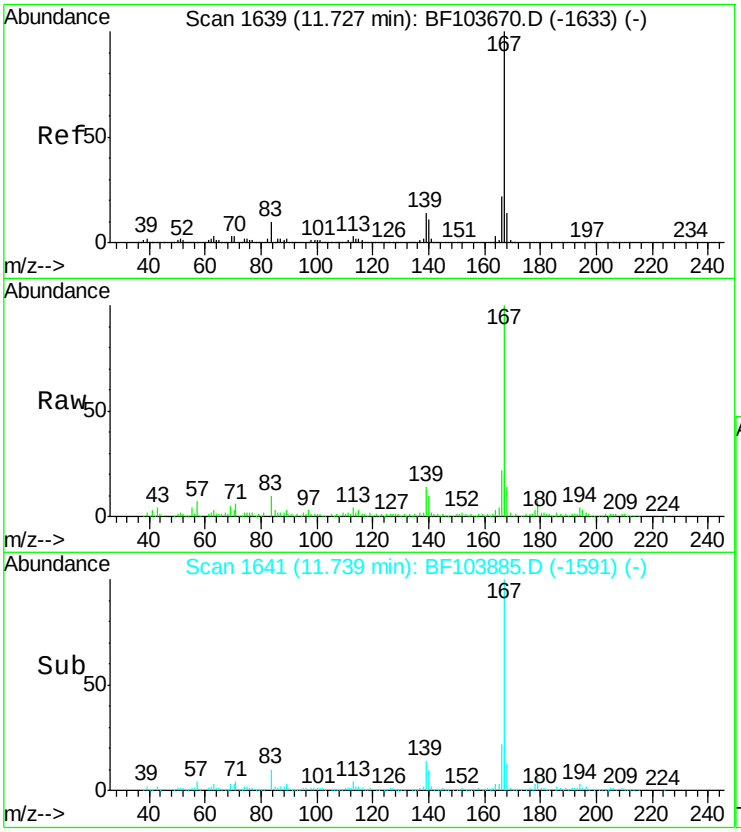


#71
Anthracene
Concen: 36.090 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:178 Resp: 655750

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.6	12.6	19.0



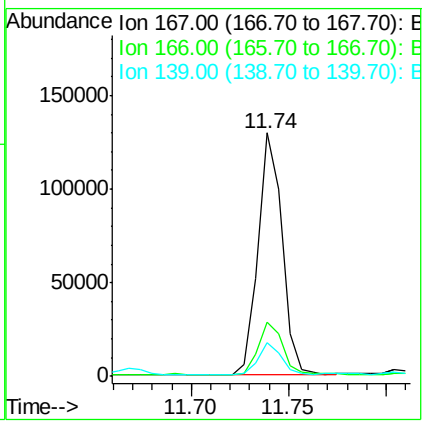


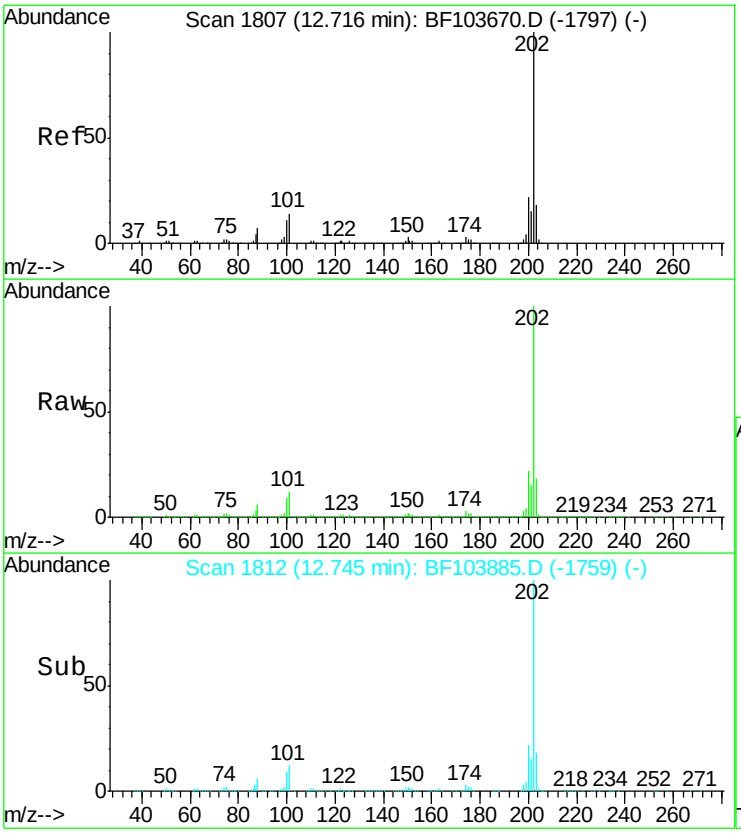
#72
Carbazole
Concen: 6.290 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 111090

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.9	10.9	16.3

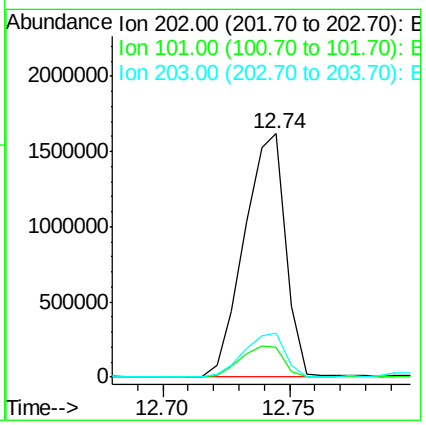


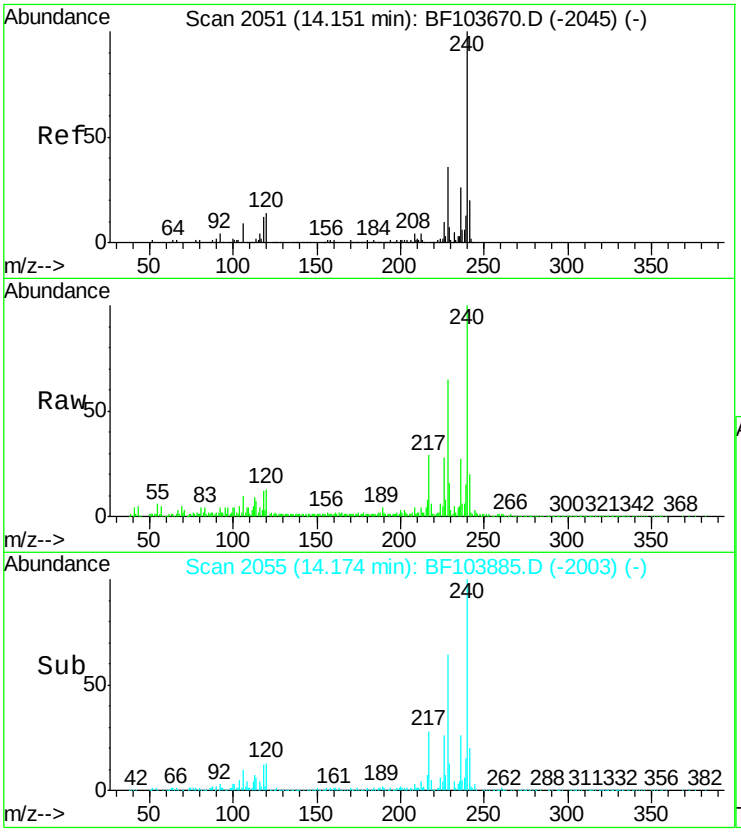


#74
Fluoranthene
Concen: 99.315 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:202 Resp: 1830444

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	18.0	0.0	38.1



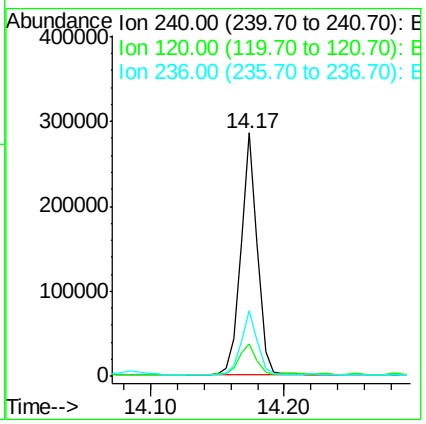


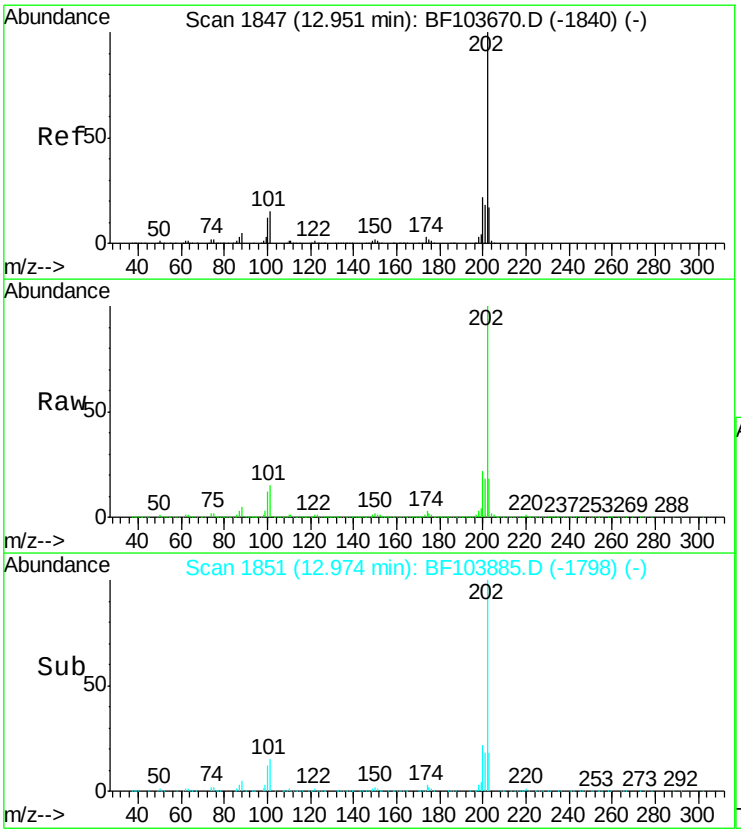
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 244341

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.8	20.7	31.1

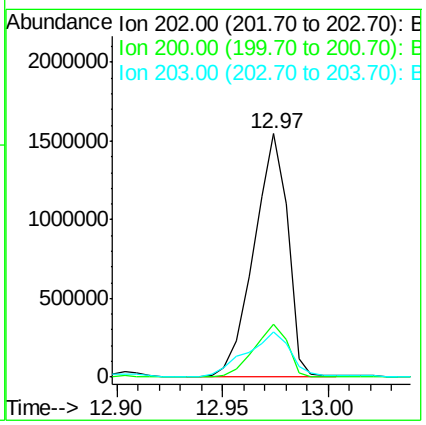


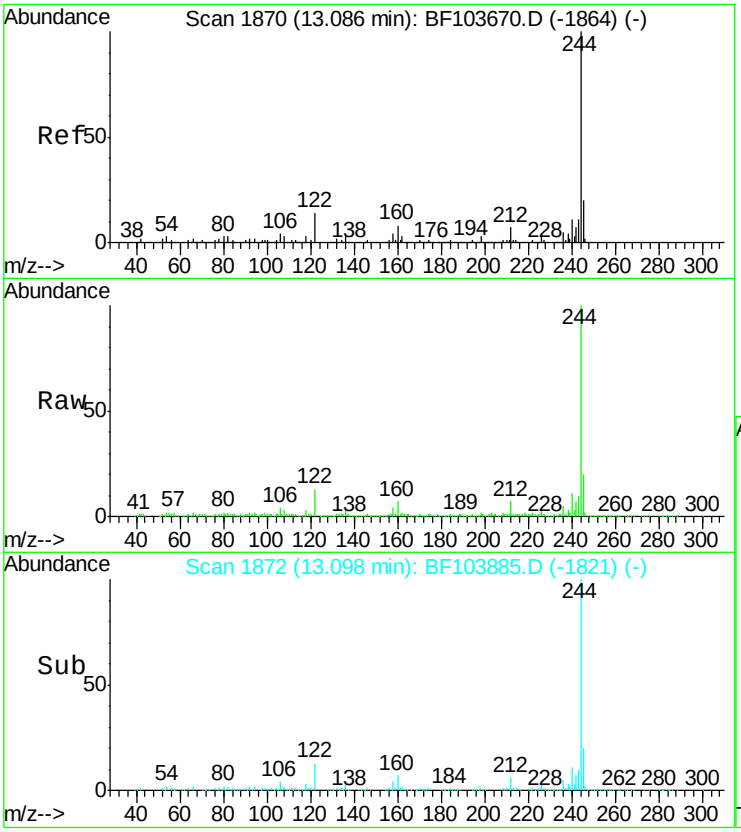


#77
Pyrene
Concen: 95.609 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:202 Resp: 1715638

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



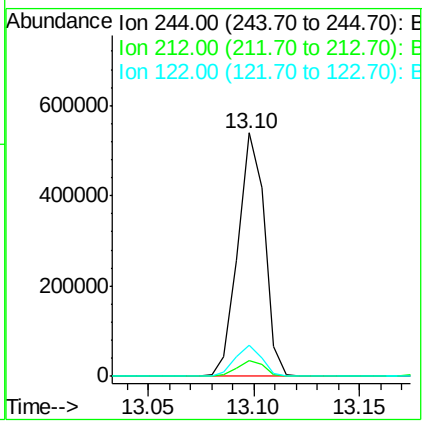


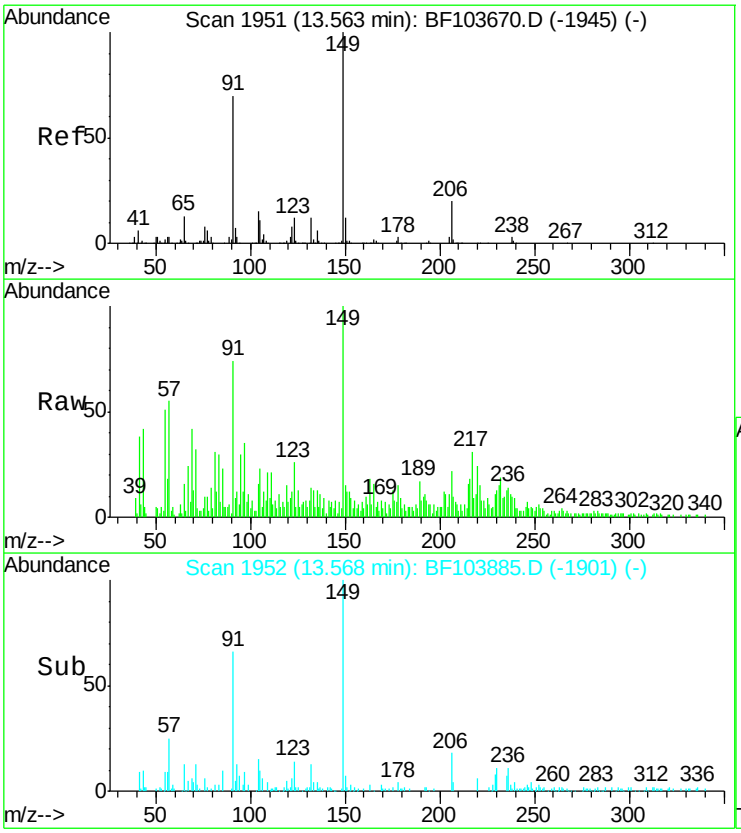
#78
Terphenyl-d14
Concen: 44.423 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 467629

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.0	11.0	16.4

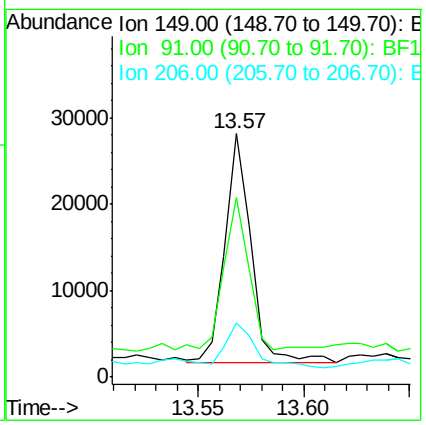


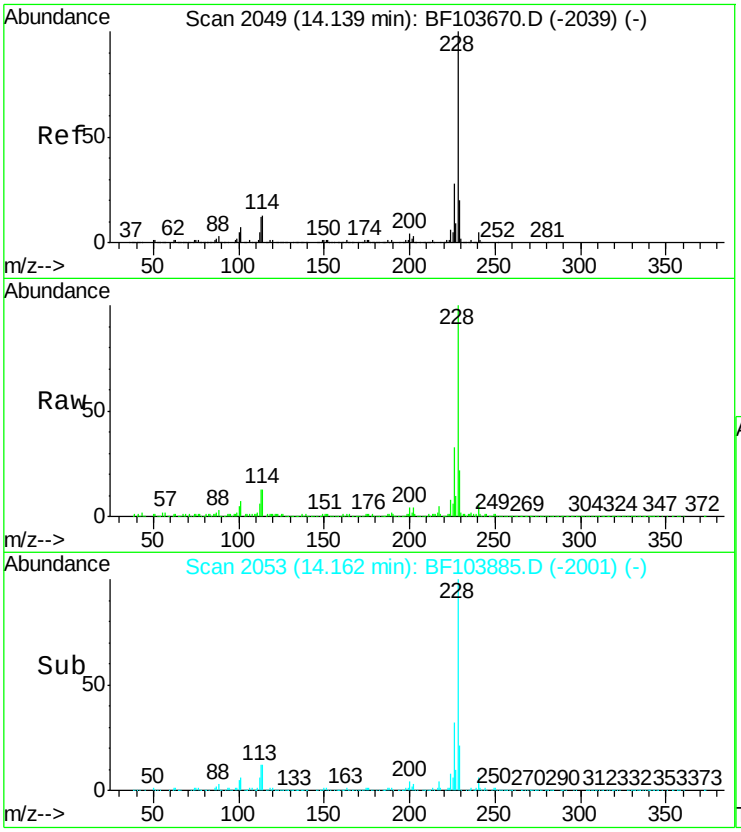


#79
Butylbenzylphthalate
Concen: 2.838 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:149 Resp: 22563

Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.8	85.2
206	22.2	14.1	21.1#



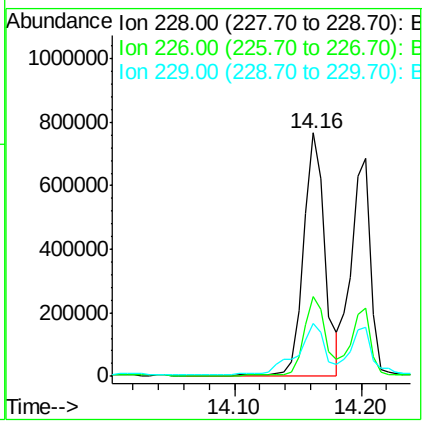


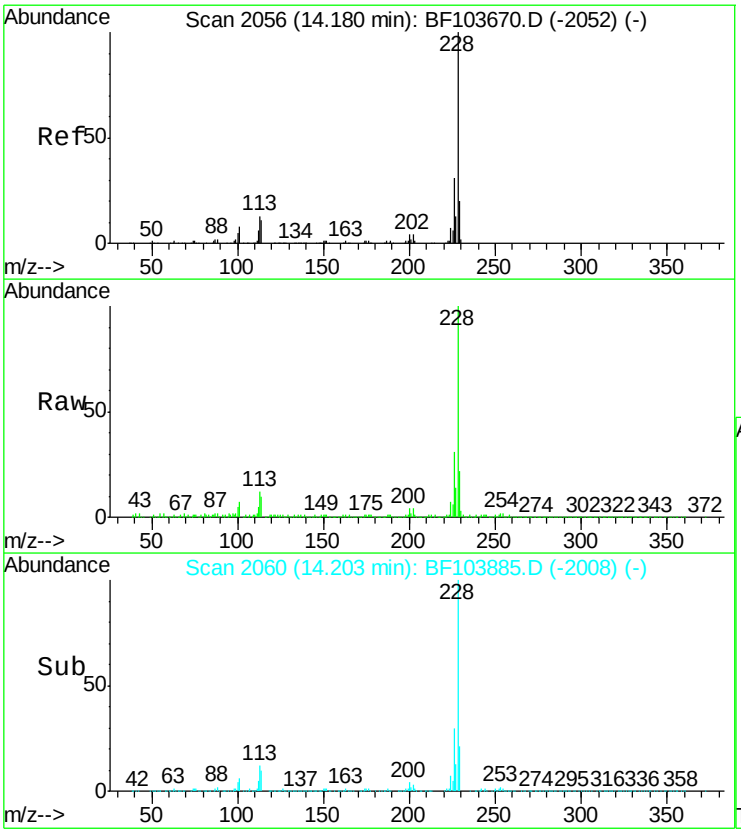
#80
Benzo(a)anthracene
Concen: 57.332 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 886740

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	21.6	15.8	23.6

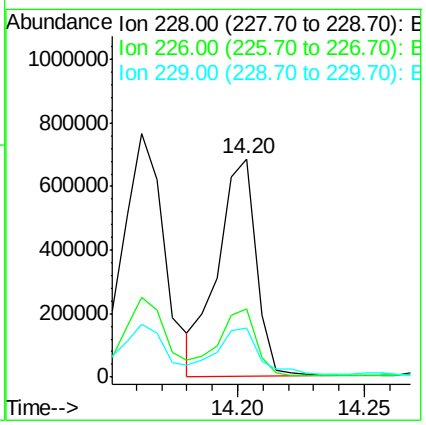


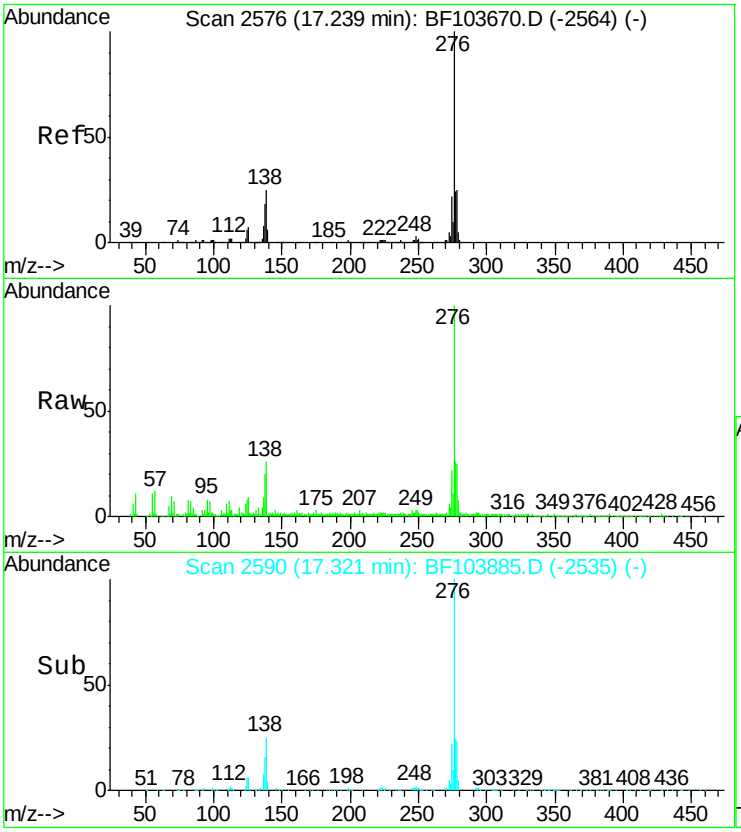


#82
Chrysene
Concen: 48.884 ng
RT: 14.20 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:228 Resp: 720736

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.5	16.2	24.4



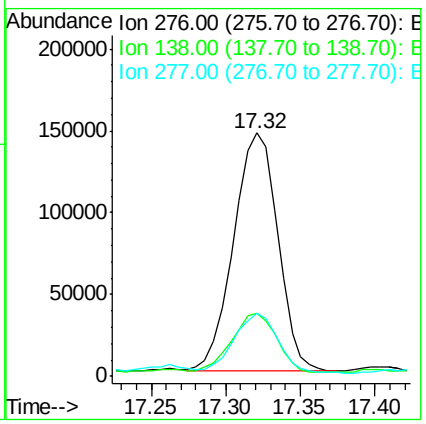


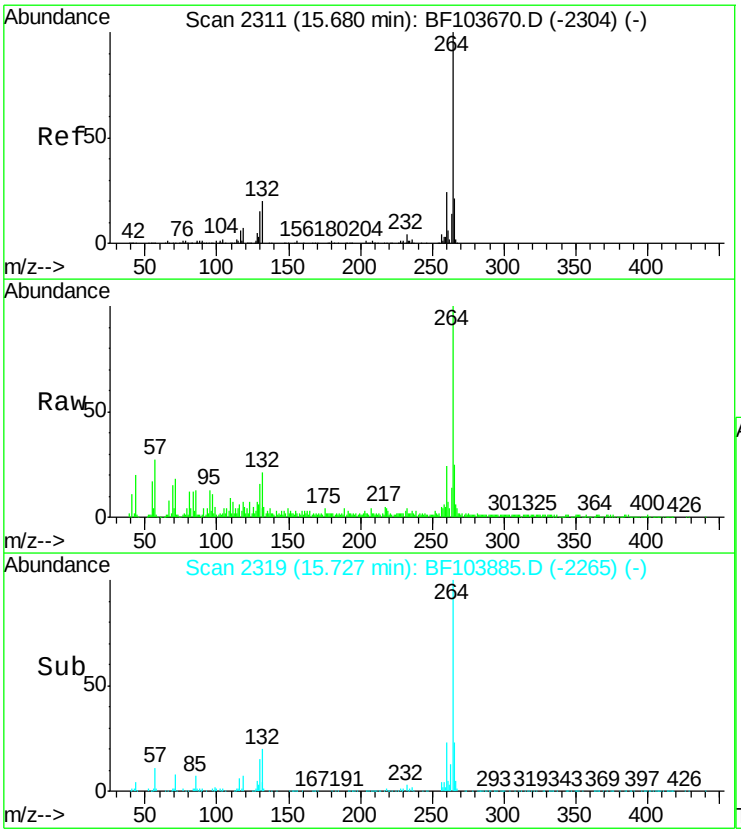
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.308 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.02 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 300110

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.0	20.1	30.1

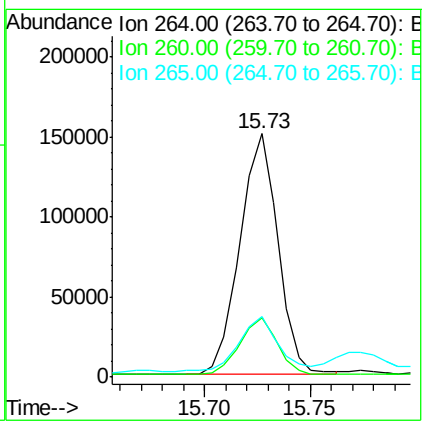


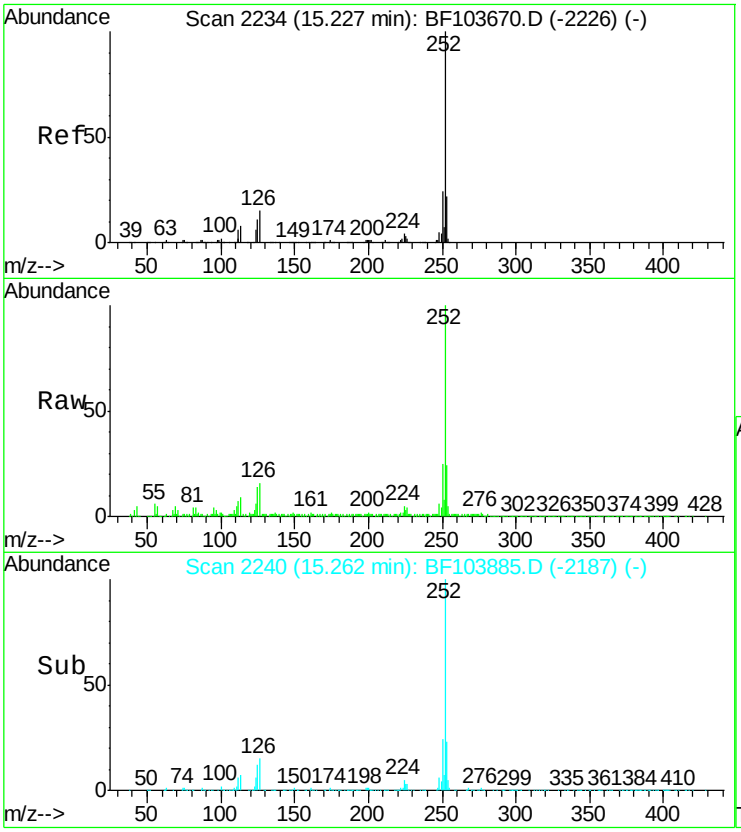


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.73 min Scan# 2319
Delta R.T. 0.02 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:264 Resp: 189472

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	24.8	17.5	26.3



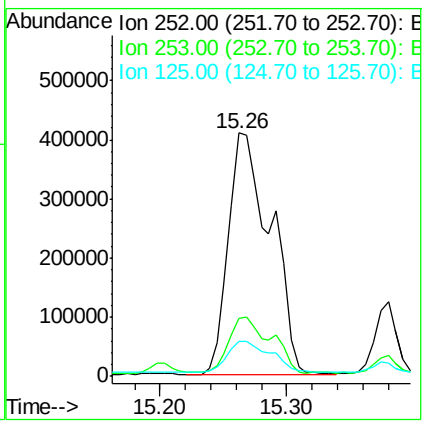


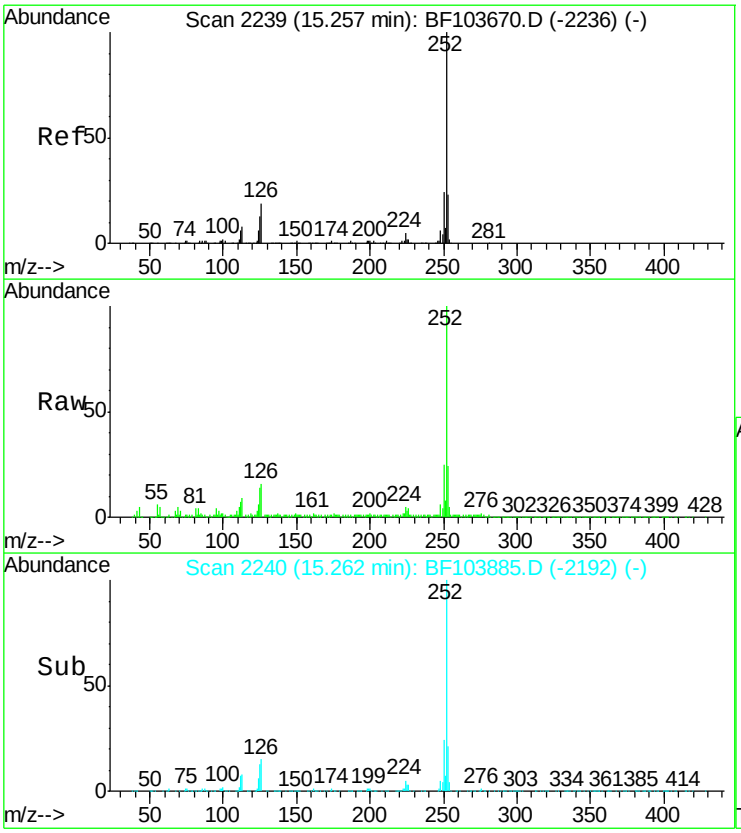
#87
Benzo(b)fluoranthene
Concen: 79.315 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 949426

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	14.2	9.0	13.6#

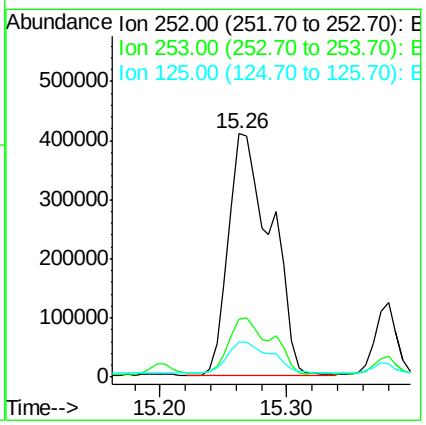


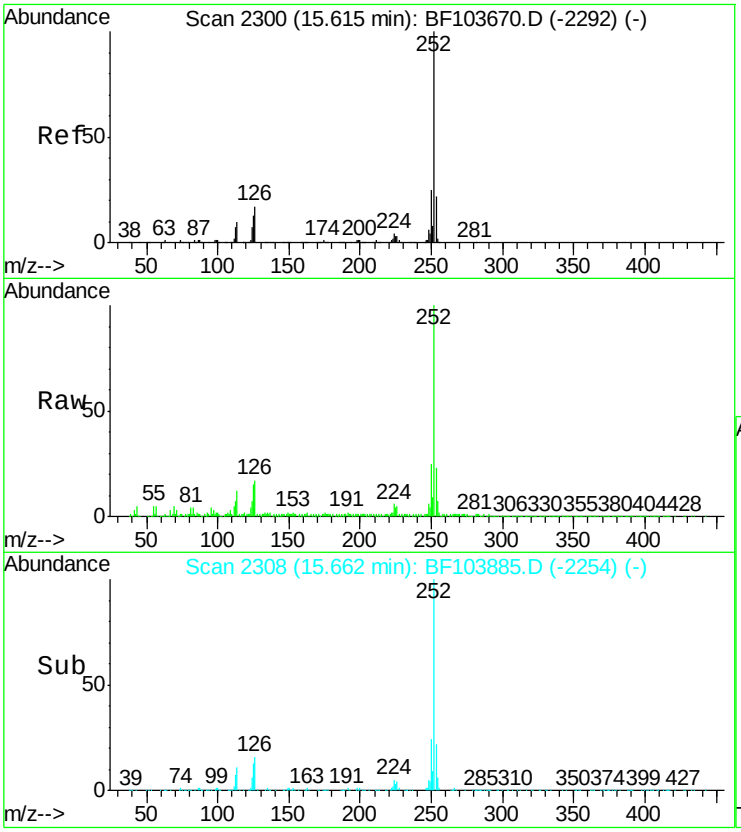


#88
Benzo(k)fluoranthene
Concen: 82.510 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:252 Resp: 949426

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	14.2	10.2	15.2



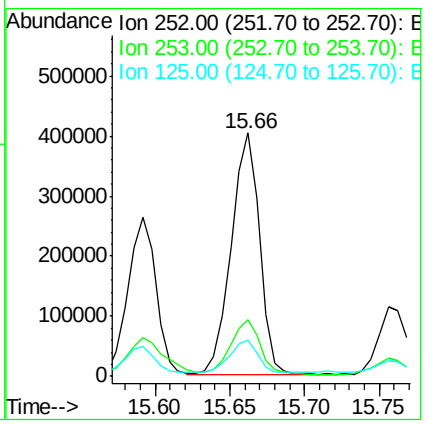


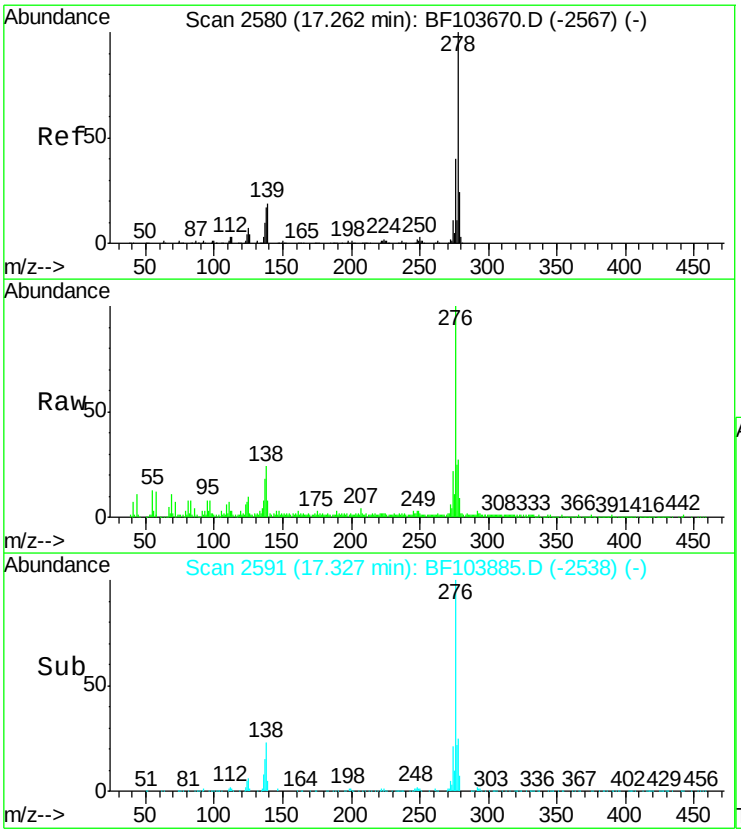
#89
Benzo(a)pyrene
Concen: 49.386 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.02 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 536197

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	14.8	9.8	14.6#

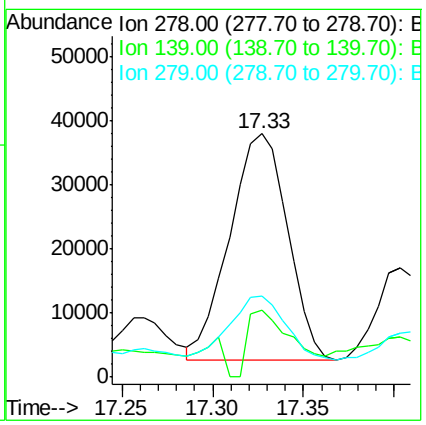


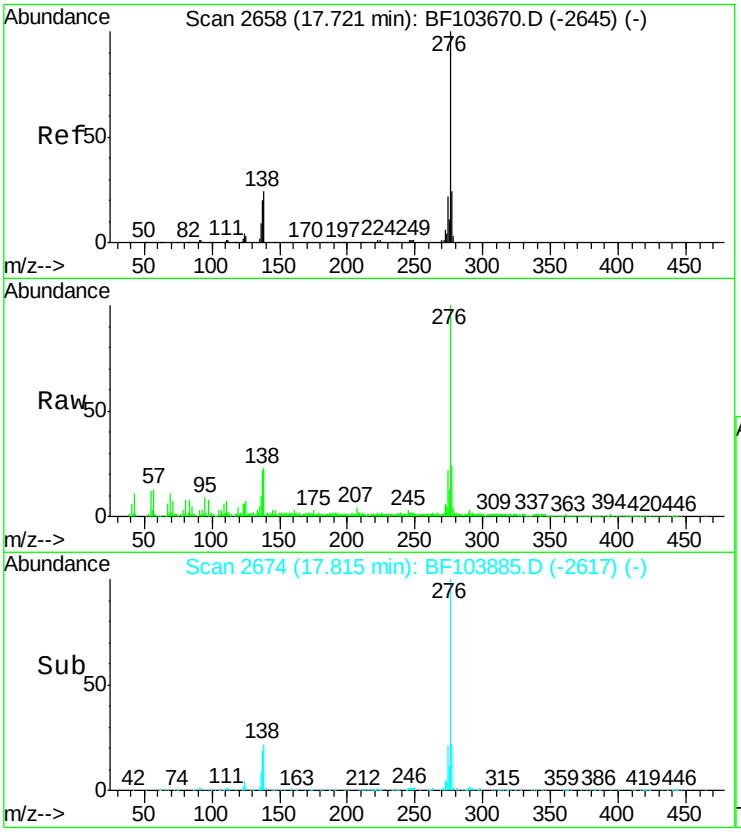


#90
Dibenzo(a,h)anthracene
Concen: 8.422 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Tgt Ion:278 Resp: 79181

Ion	Ratio	Lower	Upper
278	100		
139	27.7	15.9	23.9#
279	33.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 31.942 ng
RT: 17.81 min Scan# 2674
Delta R.T. 0.03 min
Lab File: BF103885.D
Acq: 23 Mar 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 292143

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.5	21.8	32.8