Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103988.D
Acq On : 27 Mar 2018 23:25
Operator : JU/SJ
Sample : J2075-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 03:59:58 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	143851	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	567168	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	242419	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	371423	20.00	ng		0.00
75) Chrysene-d12	14.16	240	261572	20.00	ng		0.00
86) Perylene-d12	15.71	264	225902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1170655	123.78	ng		0.02
7) Phenol-d6	6.61	99	1428865	123.49	ng		0.01
23) Nitrobenzene-d5	7.54	82	825279	101.47	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	281225	134.92	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1459371	96.03	ng		0.00
78) Terphenyl-d14	13.09	244	1181684	104.86	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.62	94	52618	4.280	ng		82
19) n-Nitroso-di-n-propylamine	7.54	70	108705	14.659	ng	#	71
25) Isophorone	7.54	82	825266	43.833	ng	#	64
31) Naphthalene	8.27	128	69109	2.412	ng		99
37) 2-Methylnaphthalene	8.96	142	38537	2.121	ng		98
47) 2-Nitroaniline	9.59	65	1515	7.124	ng	#	2
48) Acenaphthylene	9.87	152	193113	7.757	ng		99
49) Dimethylphthalate	9.72	163	125025	6.760	ng		100
50) 2,6-Dinitrotoluene	9.72	165	2460	4.614	ng	#	30
51) Acenaphthene	10.05	154	35751	2.418	ng		95
52) 3-Nitroaniline	9.87	138	117	3.840	ng	#	2
55) 4-Nitrophenol	10.11	139	2137	5.562	ng	#	55
56) 2,4-Dinitrotoluene	10.18	165	2098	6.617	ng	#	64
57) Fluorene	10.56	166	147028	8.974	ng		99
61) 4-Nitroaniline	10.56	138	1563	4.099	ng	#	35
64) 4,6-Dinitro-2-methylphenol	10.80	198	685	8.669	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	17274	4.530	ng	#	1
70) Phenanthrene	11.53	178	738455	36.345	ng		98
71) Anthracene	11.58	178	237540	11.511	ng		98
74) Fluoranthene	12.73	202	679328	32.454	ng		99
77) Pyrene	12.96	202	780172	40.614	ng		100
80) Benzo(a)anthracene	14.19	228	330086	19.936	ng		95
82) Chrysene	14.19	228	330086	20.913	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	102062	7.405	ng		94
87) Benzo(b)fluoranthene	15.24	252	374615	26.248	ng	#	95
88) Benzo(k)fluoranthene	15.24	252	374615	27.306	ng		98
89) Benzo(a)pyrene	15.64	252	249766	19.295	ng		96
90) Dibenzo(a,h)anthracene	17.48	278	27121	2.420	ng		94
91) Benzo(g,h,i)perylene	17.77	276	103199	9.464	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103988.D
Acq On : 27 Mar 2018 23:25
Operator : JU/SJ
Sample : J2075-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 03:59:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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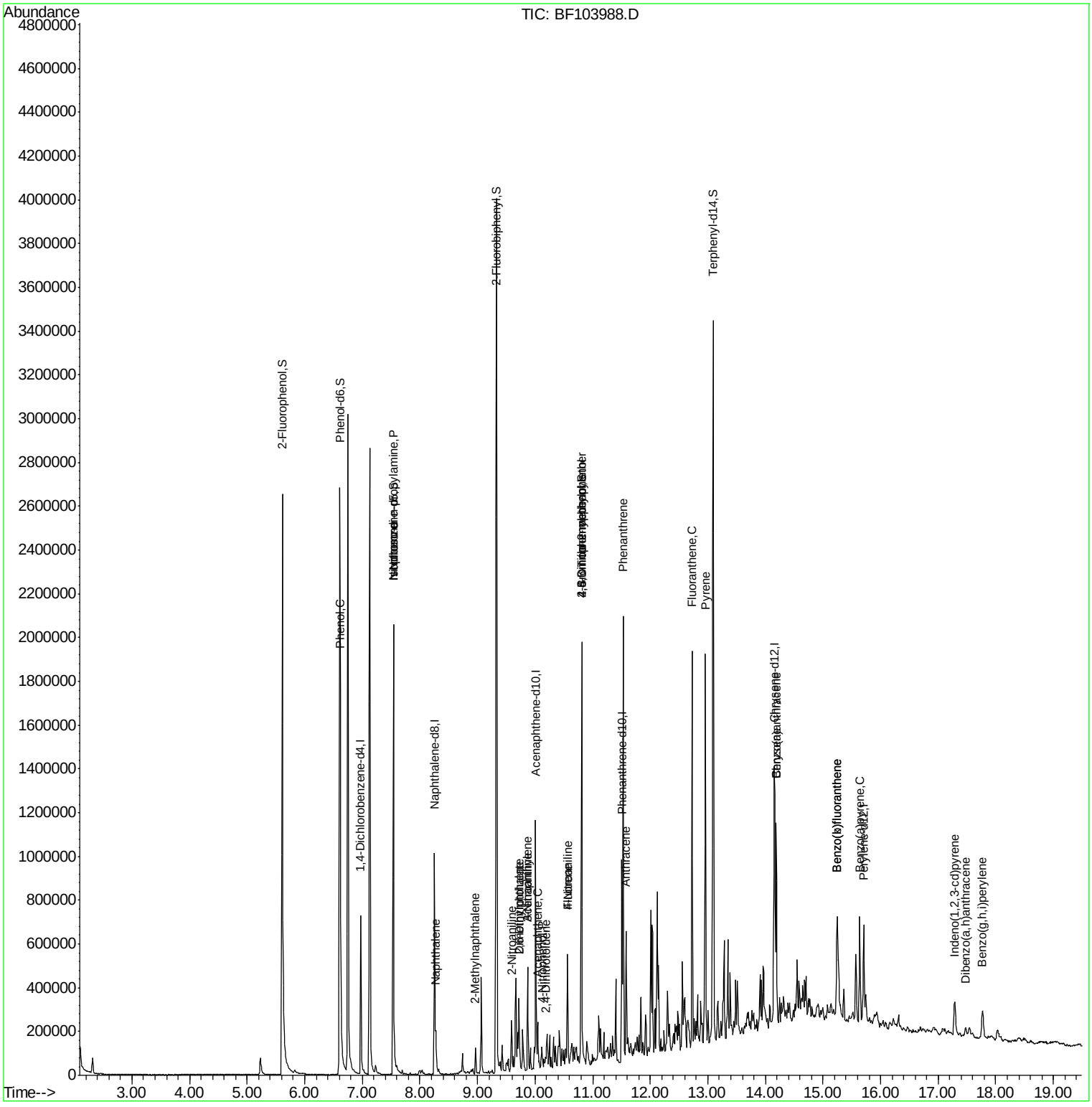
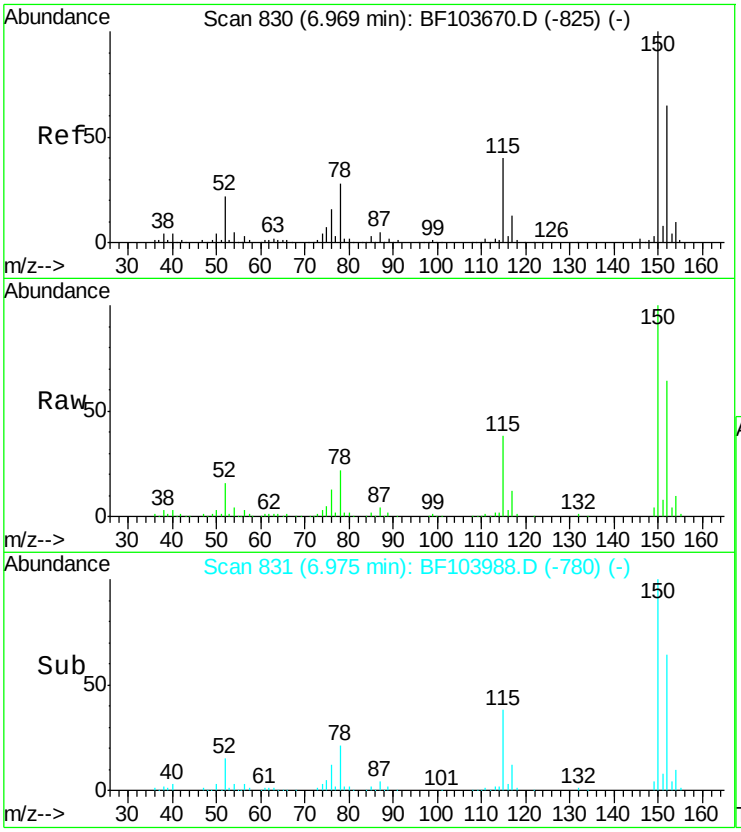


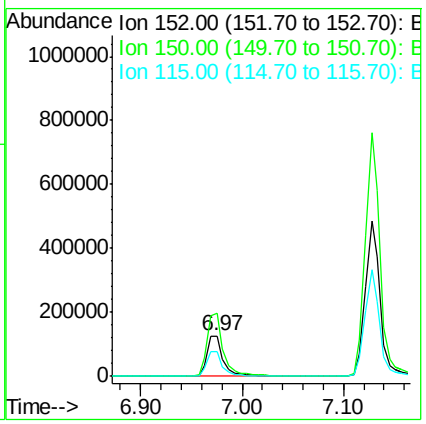


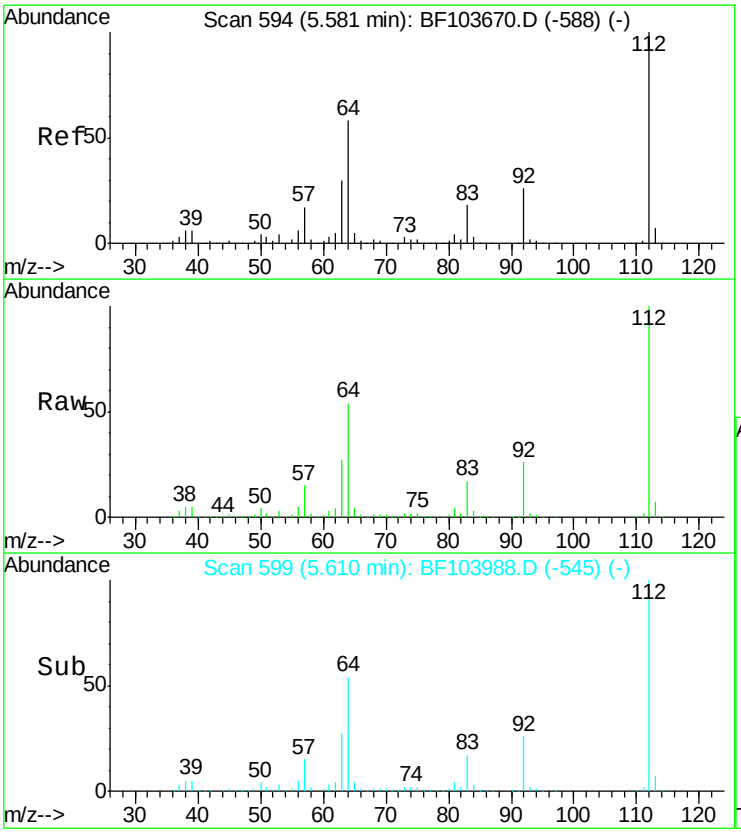
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143851

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.0	50.1	75.1

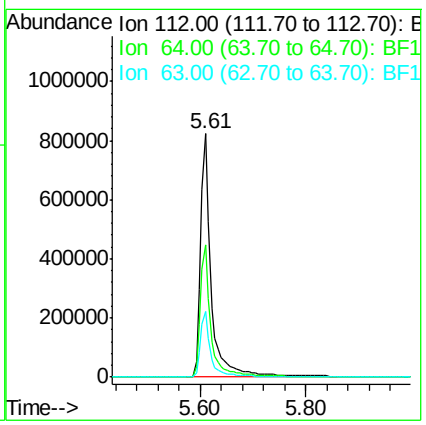


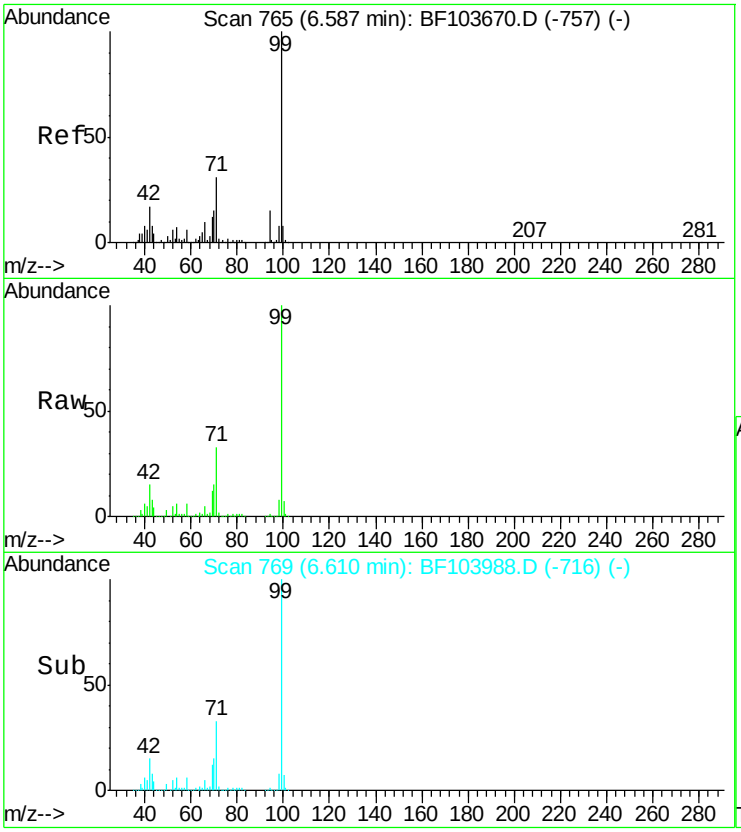


#5
2-Fluorophenol
Concen: 123.778 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:112 Resp: 1170655

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.0	23.7	35.5



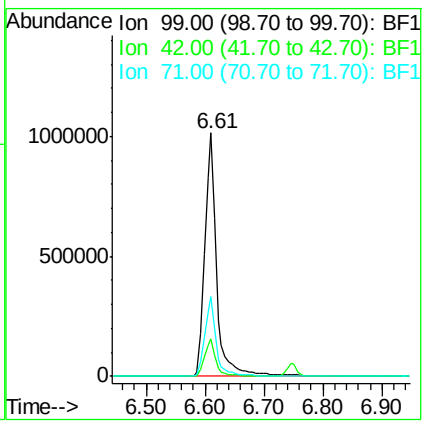


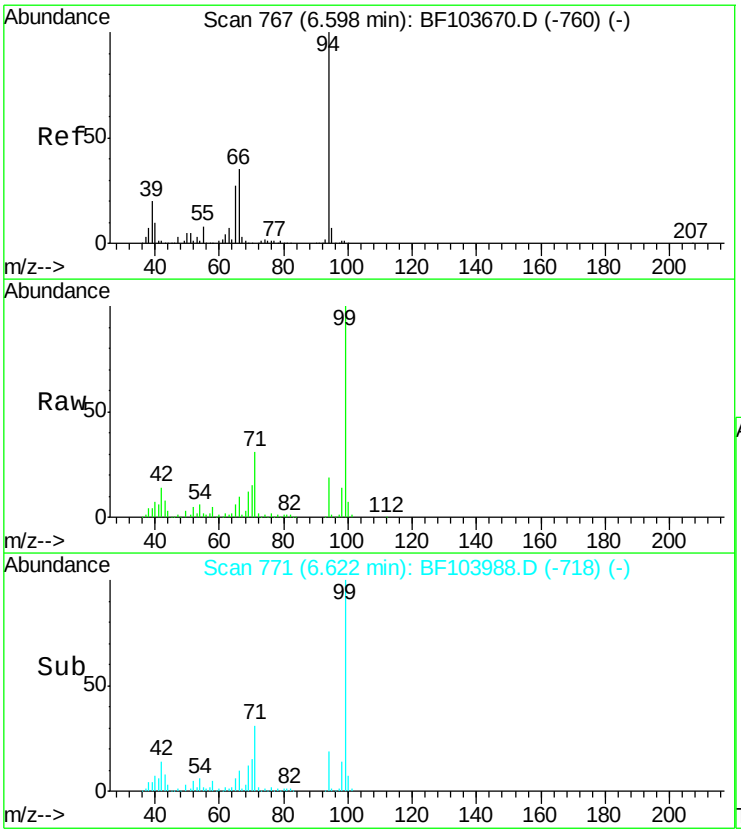
#7
Phenol-d6
Concen: 123.489 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1428865

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	33.0	25.4	38.0

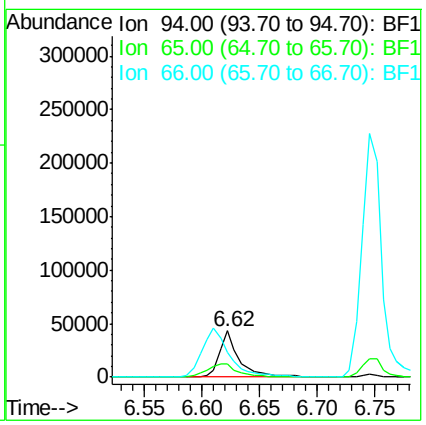


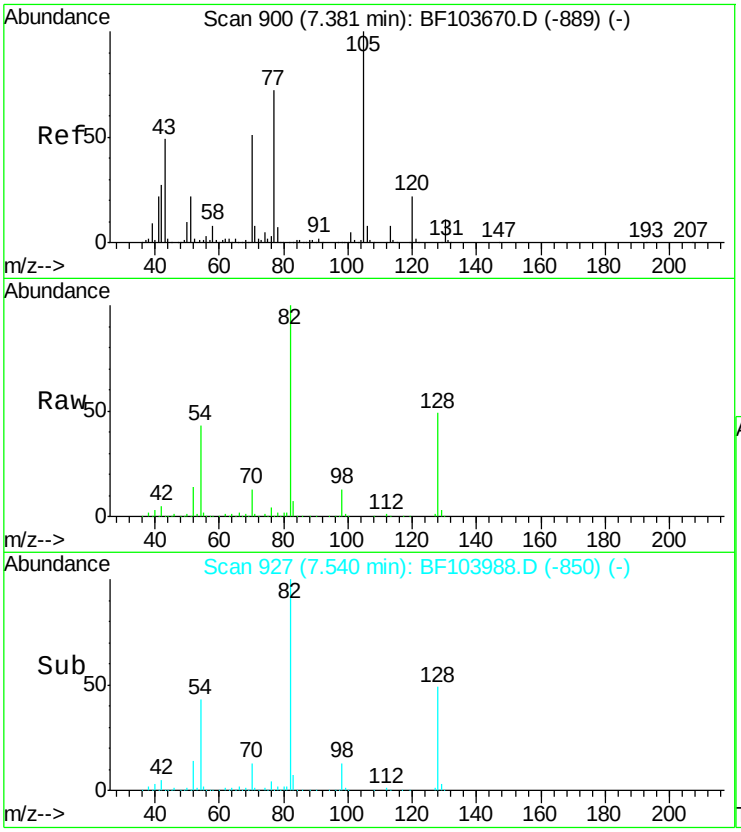


#10
Phenol
Concen: 4.280 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion: 94 Resp: 52618

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	53.4	16.2	56.2



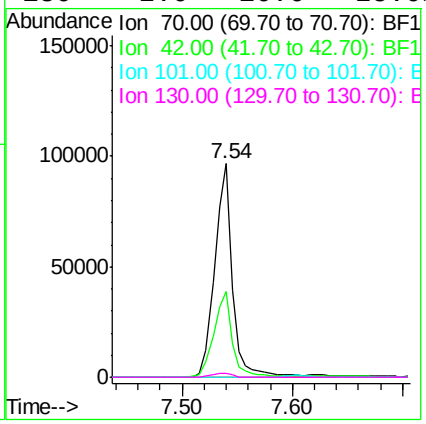


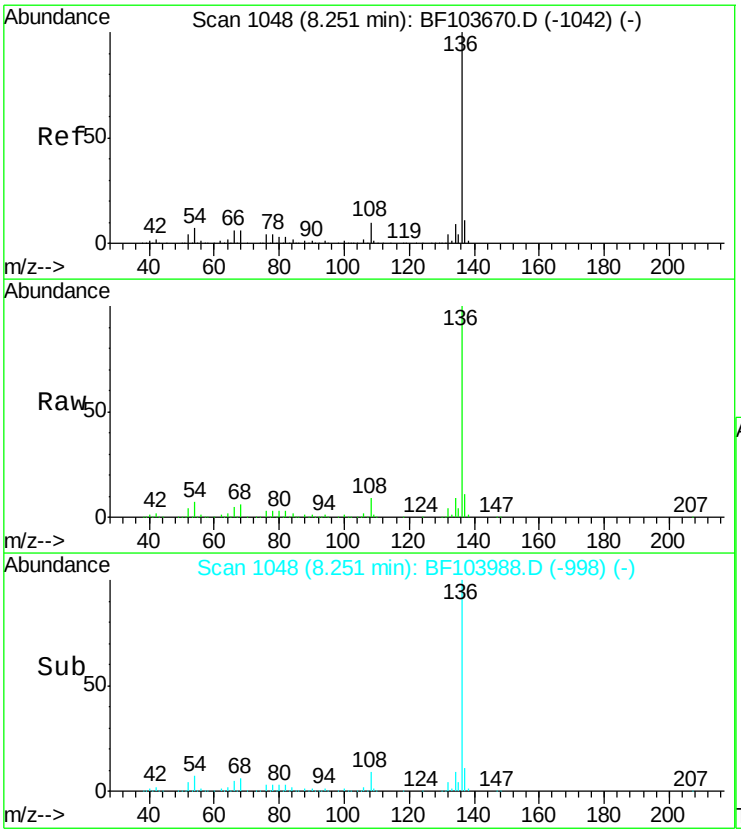
#19
n-Nitroso-di-n-propylamine
Concen: 14.659 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108705

Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

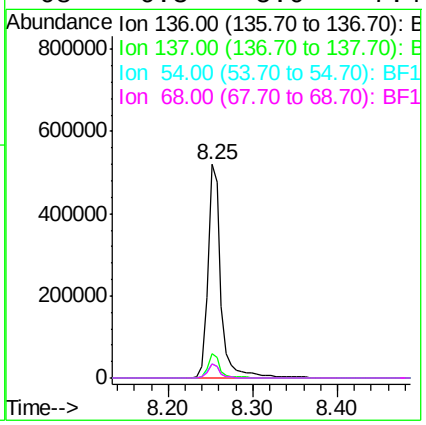


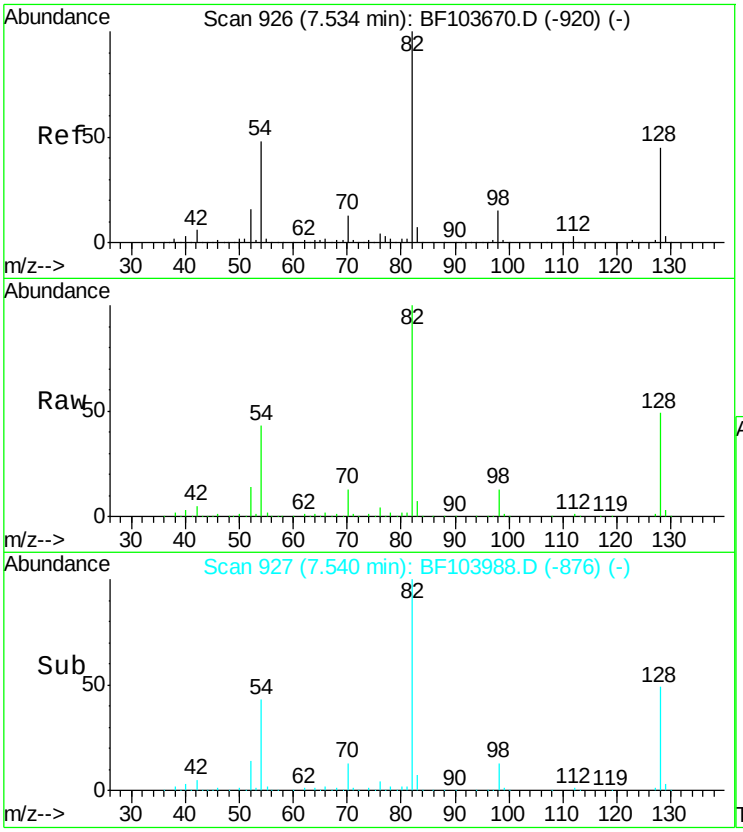


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:136 Resp: 567168

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	6.3	5.0	7.4



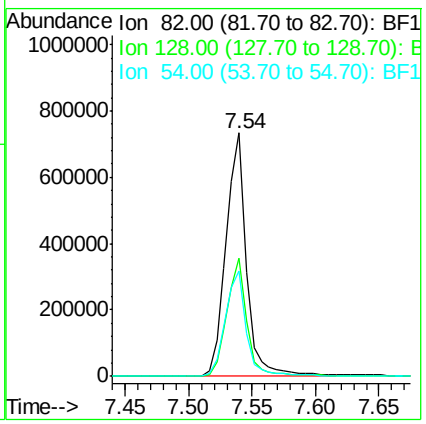


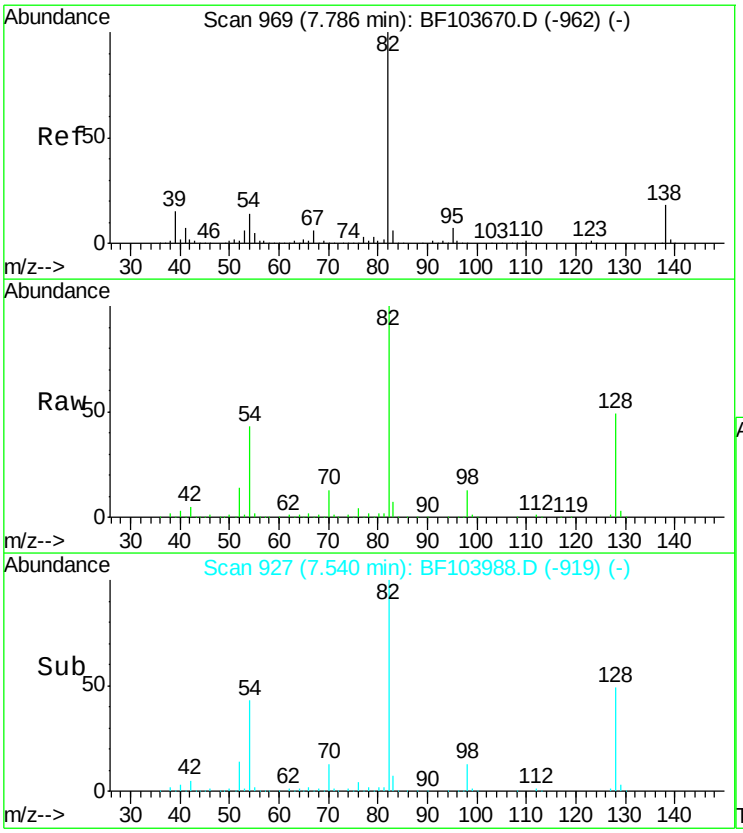
#23
Nitrobenzene-d5
Concen: 101.472 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 825279

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	43.3	41.4	62.2

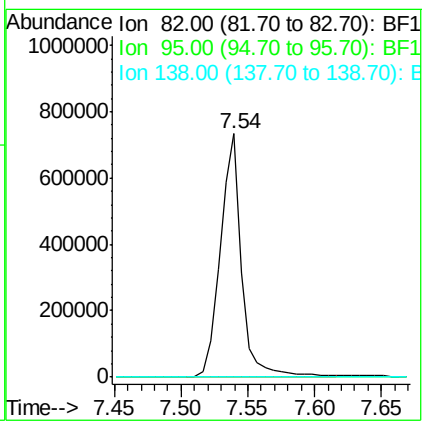


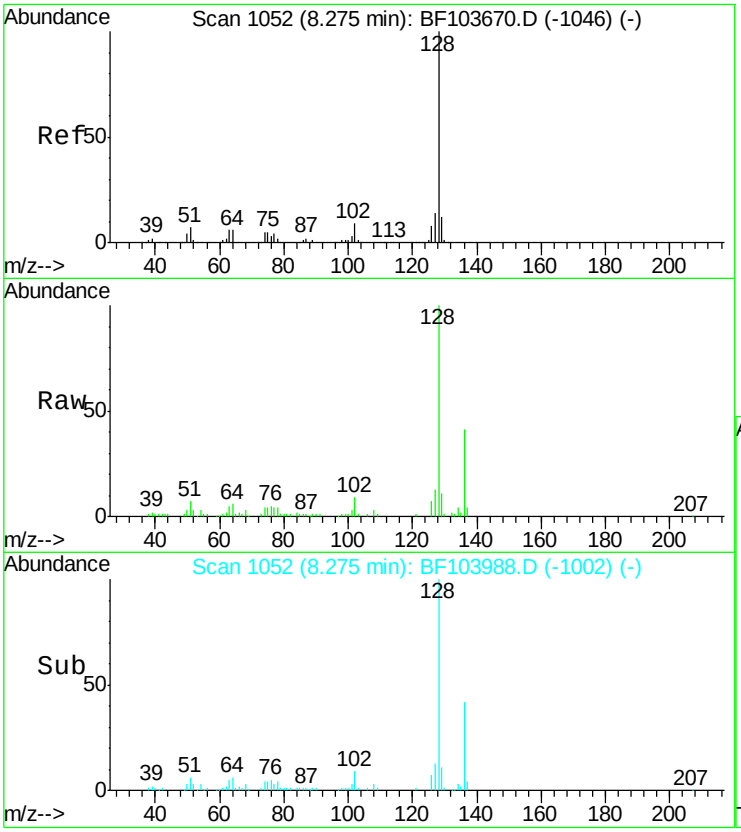


#25
Isophorone
Concen: 43.833 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion: 82 Resp: 825266

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



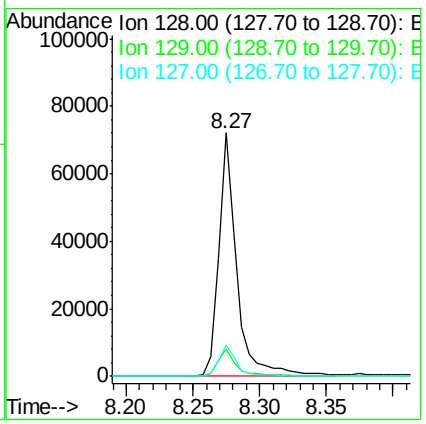


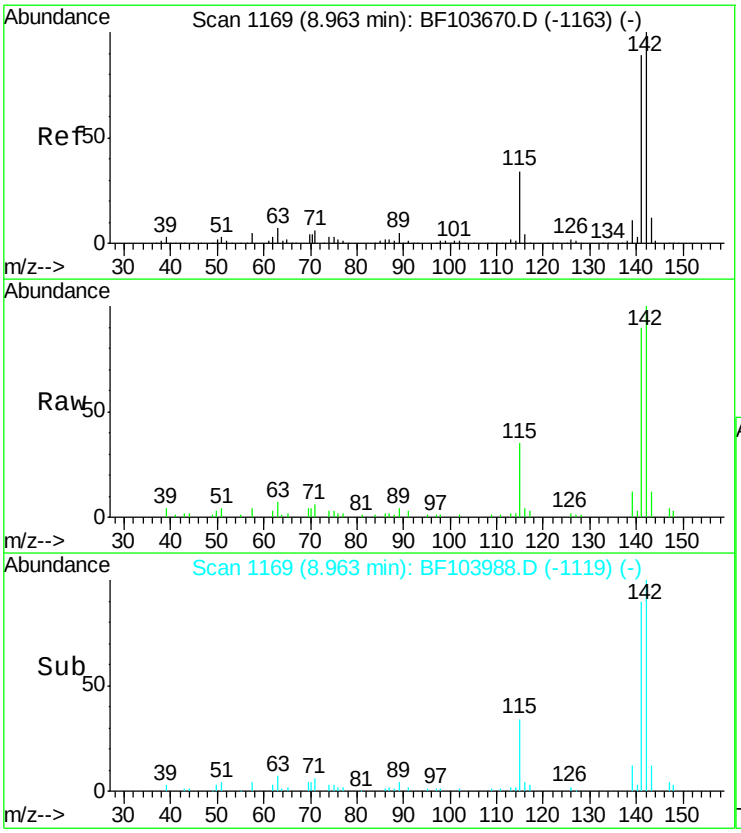
#31
Naphthalene
Concen: 2.412 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 69109

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.7	10.9	16.3

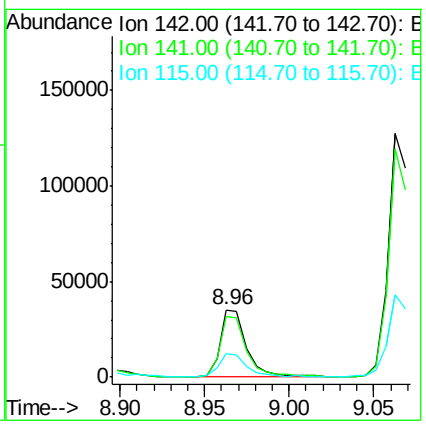


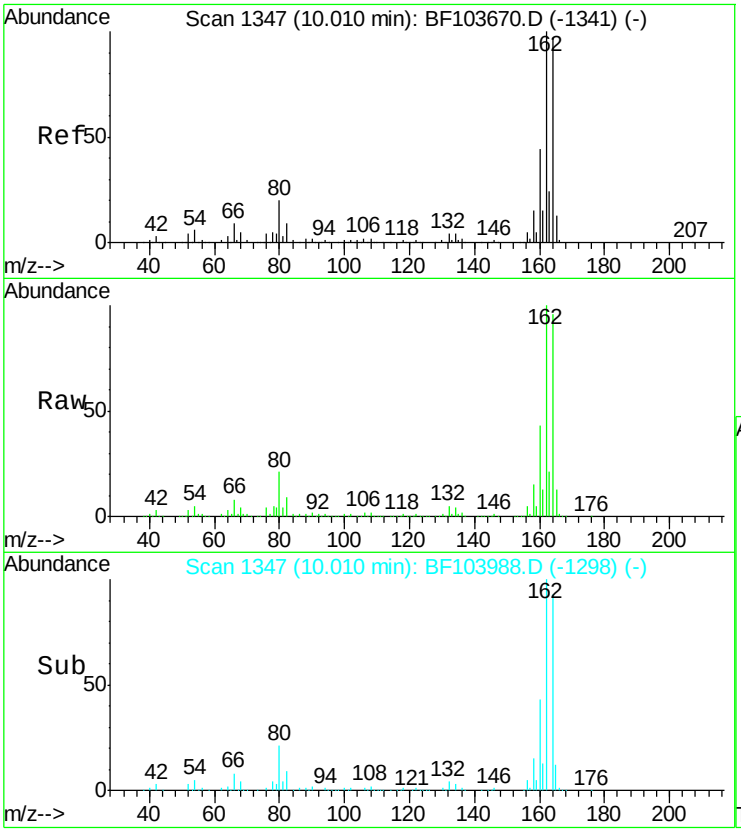


#37
2-Methylnaphthalene
Concen: 2.121 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:142 Resp: 38537

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	34.8	26.1	39.1



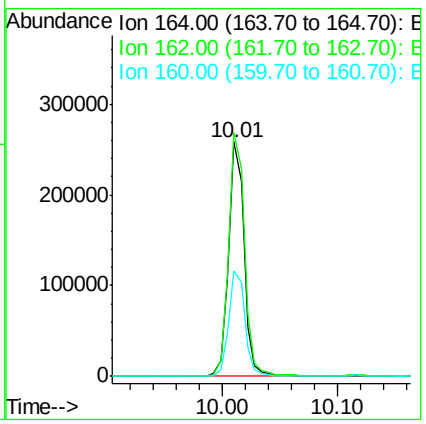


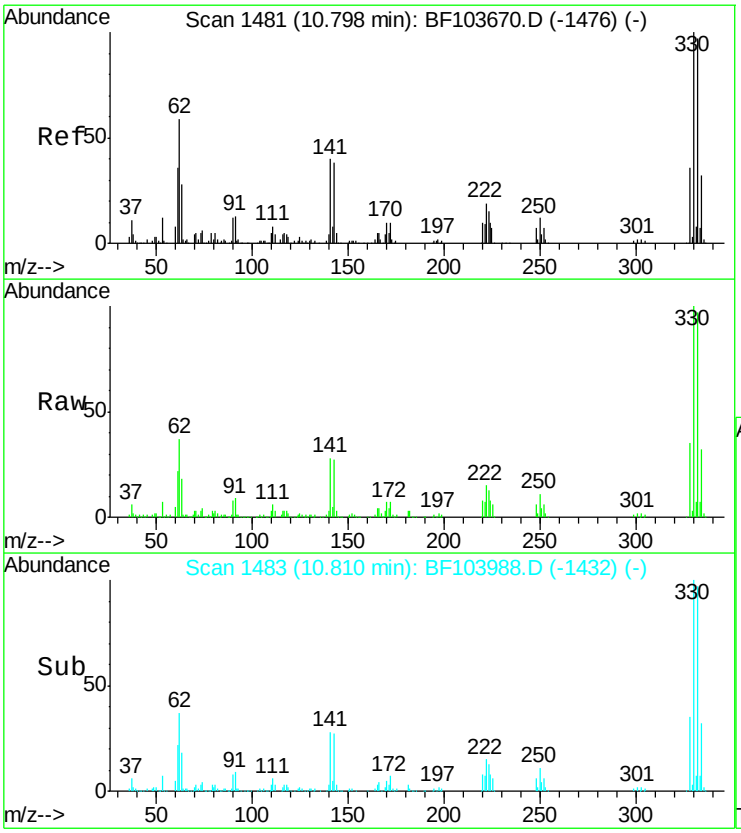
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 242419

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	44.9	38.3	57.5

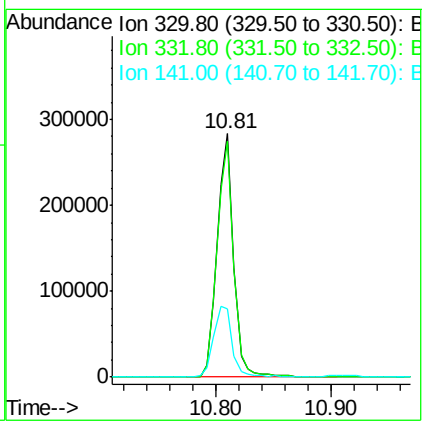


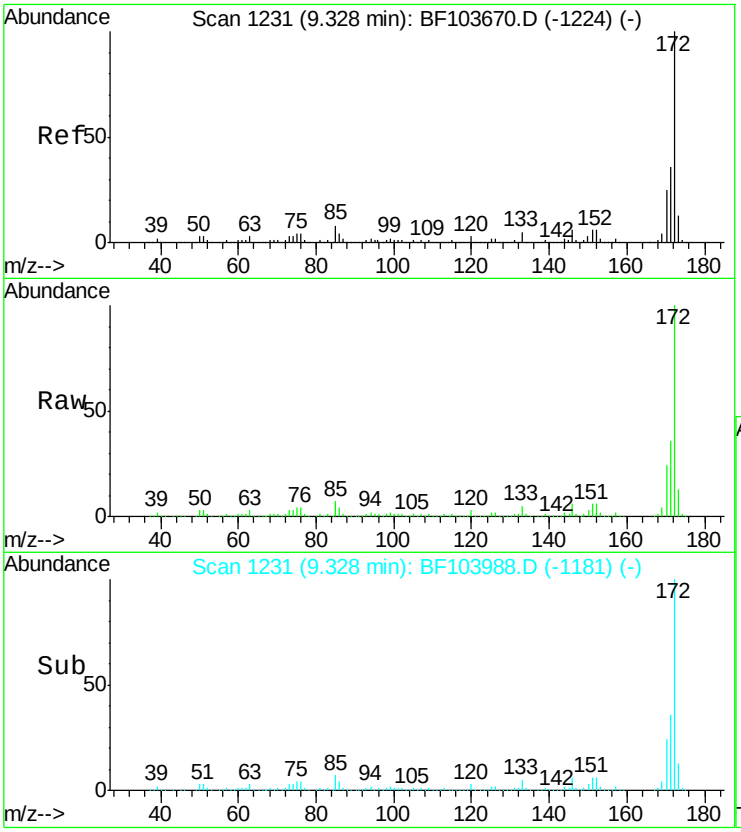


#41
2,4,6-Tribromophenol
Concen: 134.923 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:330 Resp: 281225

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	32.2	29.9	44.9



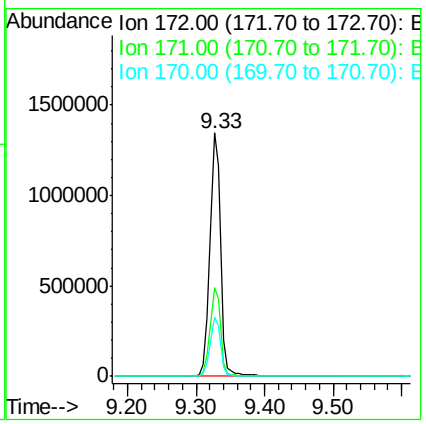


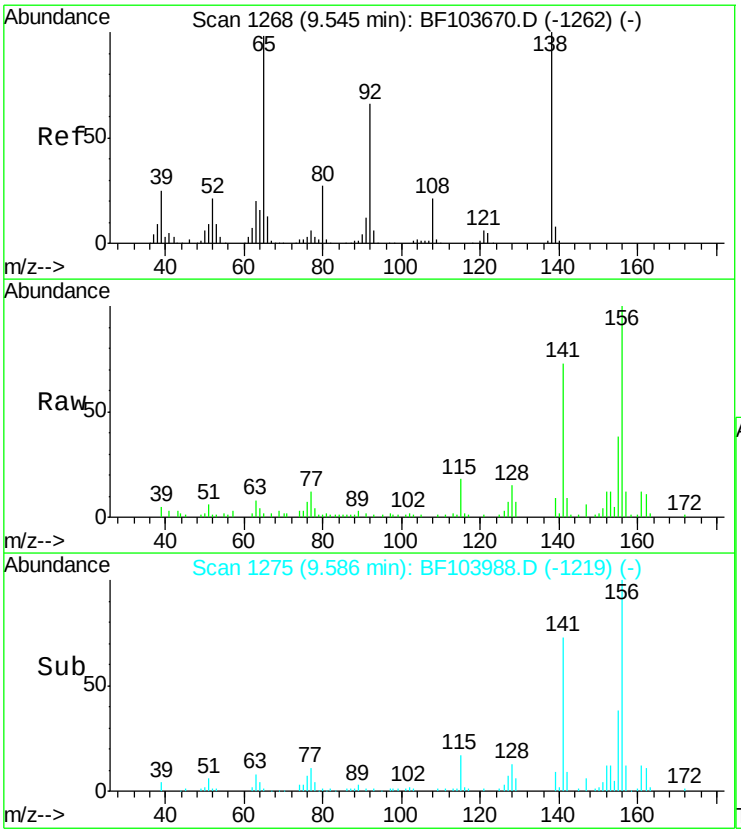
#44
2-Fluorobiphenyl
Concen: 96.029 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1459371

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

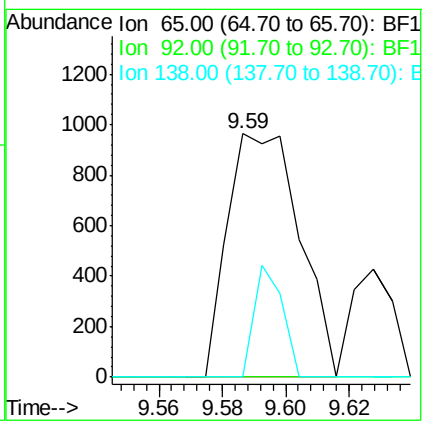


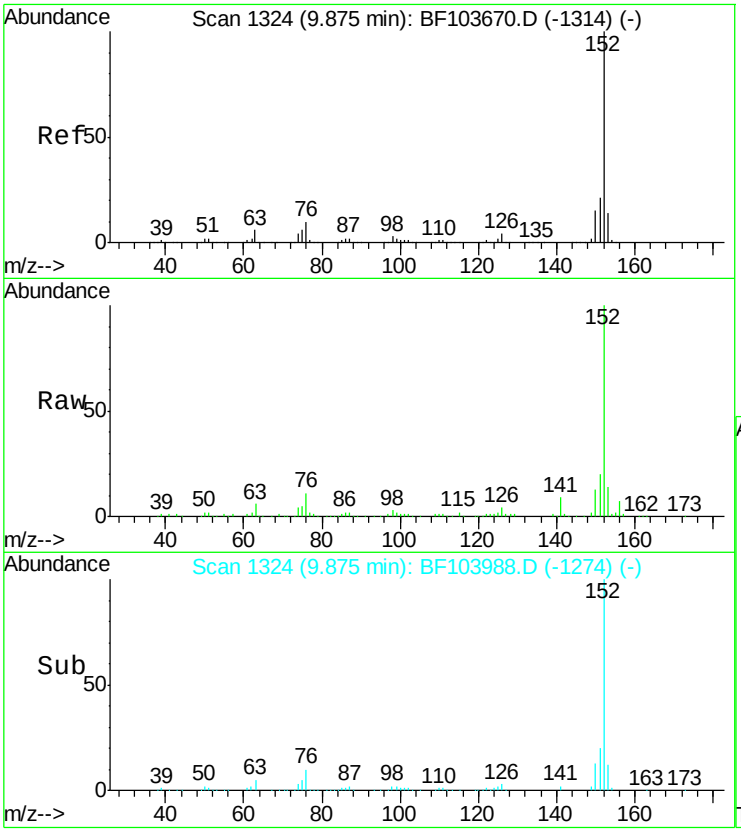


#47
2-Nitroaniline
Concen: 7.124 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.03 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion: 65 Resp: 1515

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



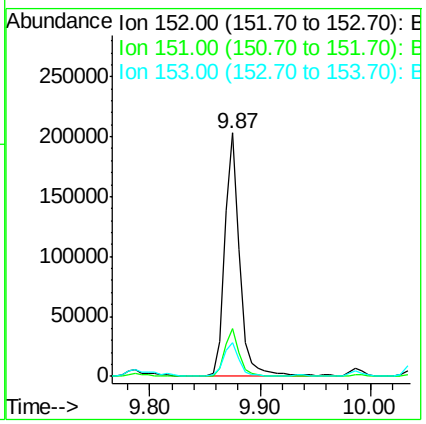


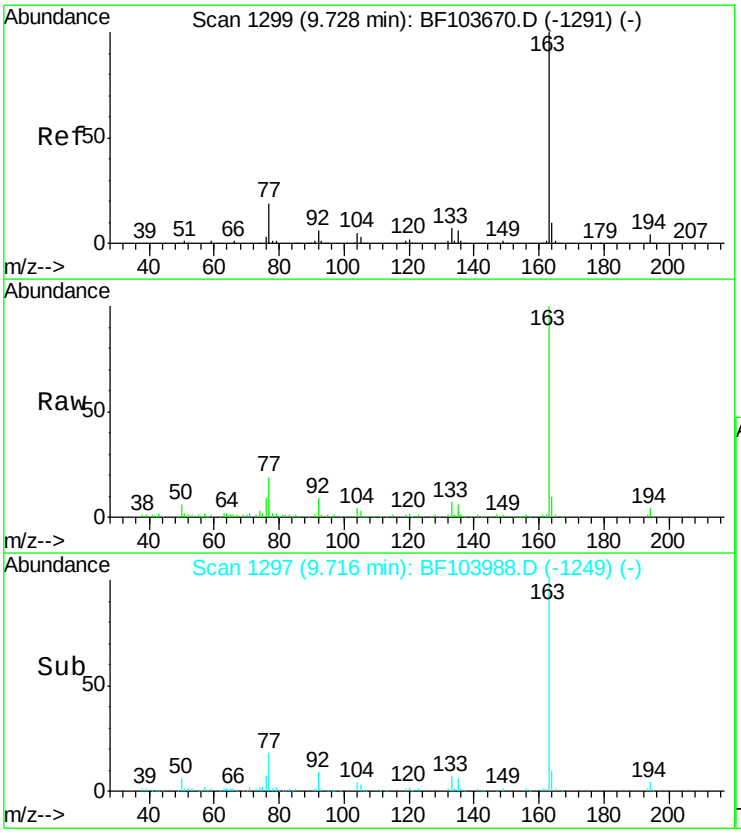
#48
Acenaphthylene
Concen: 7.757 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 193113

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.7	10.7	16.1

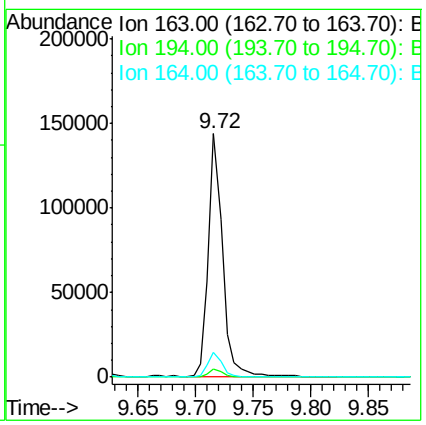


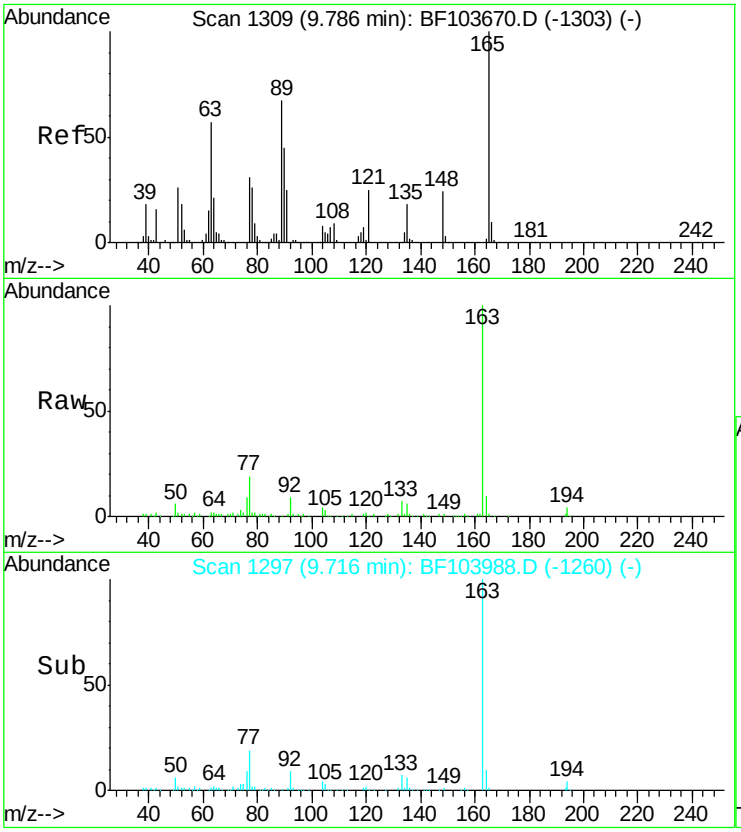


#49
Dimethylphthalate
Concen: 6.760 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:163 Resp: 125025

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2



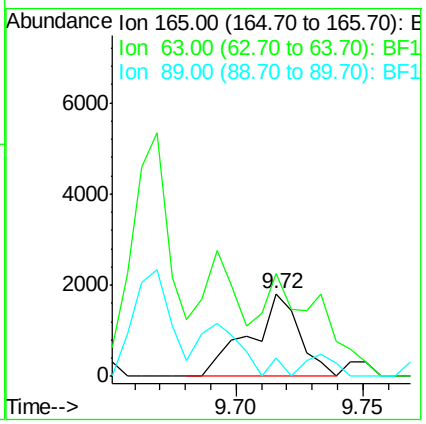


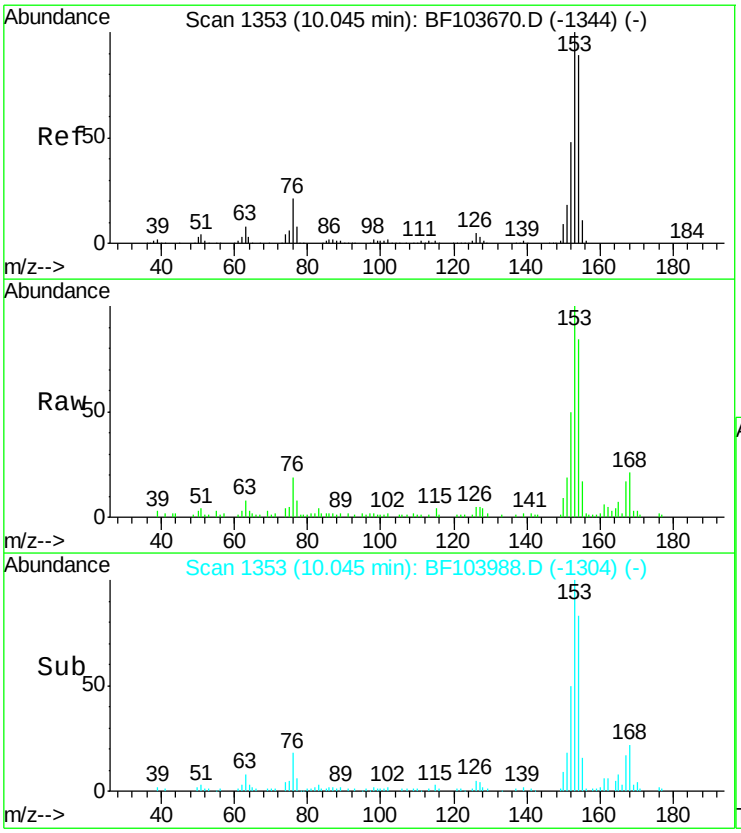
#50
2,6-Dinitrotoluene
Concen: 4.614 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2460

Ion	Ratio	Lower	Upper
165	100		
63	124.6	44.7	67.1#
89	22.4	44.0	66.0#

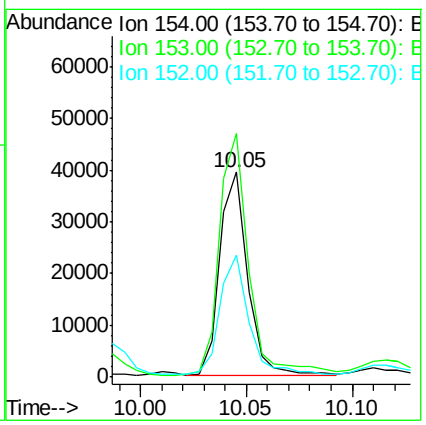


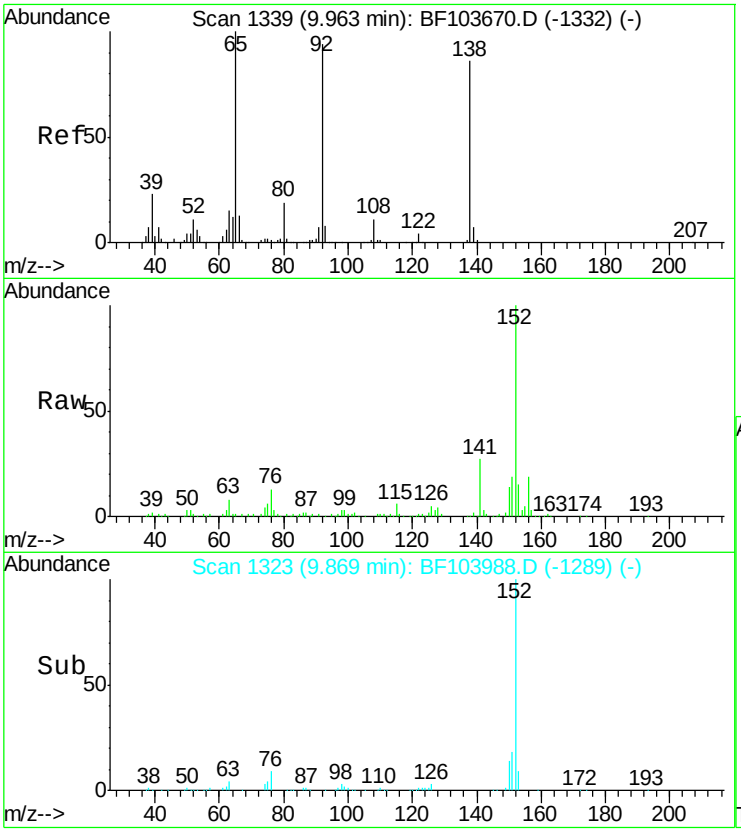


#51
Acenaphthene
Concen: 2.418 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:154 Resp: 35751

Ion	Ratio	Lower	Upper
154	100		
153	118.8	91.2	136.8
152	59.7	43.8	65.8



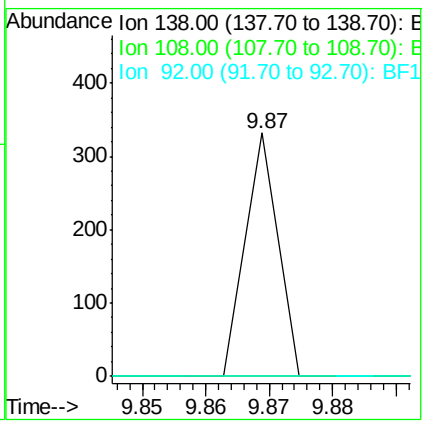


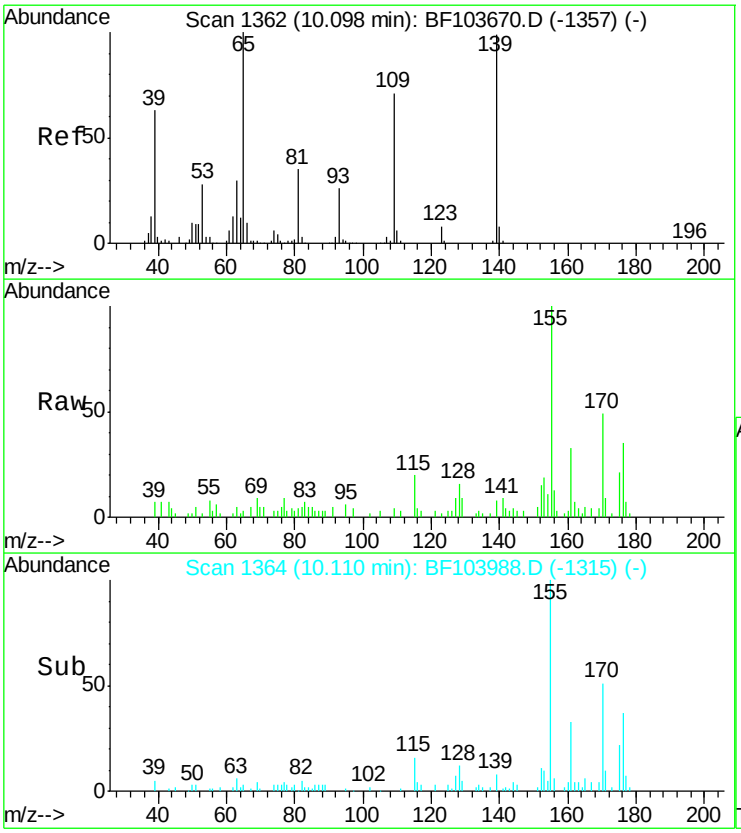
#52
3-Nitroaniline
Concen: 3.840 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.10 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 117

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

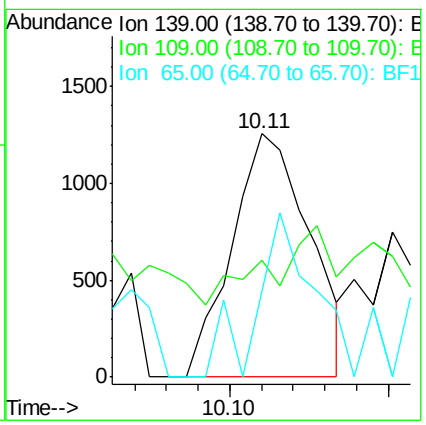


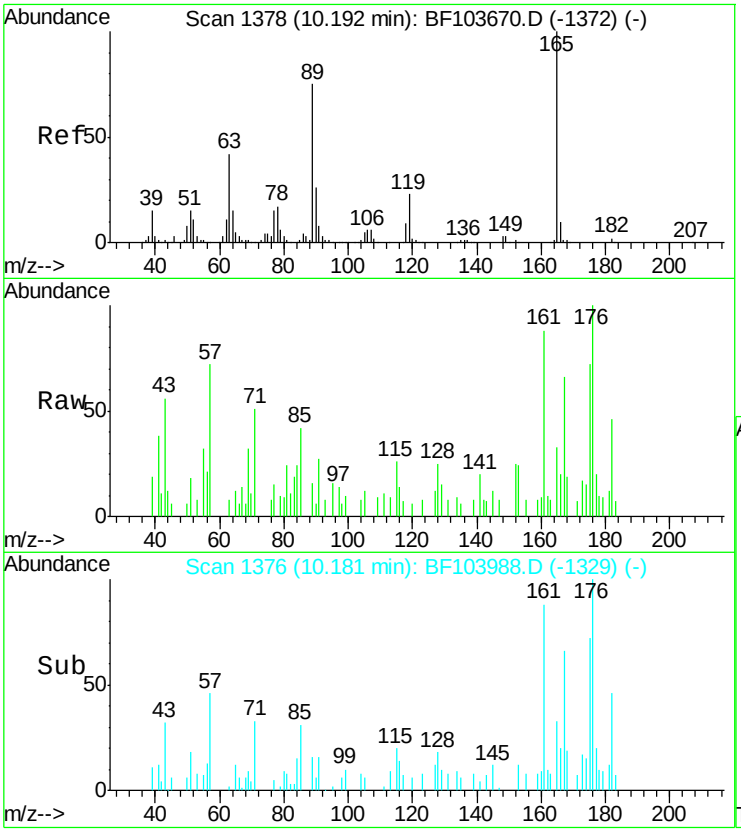


#55
4-Nitrophenol
Concen: 5.562 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:139 Resp: 2137

Ion	Ratio	Lower	Upper
139	100		
109	47.9	48.4	88.4#
65	35.5	72.6	112.6#



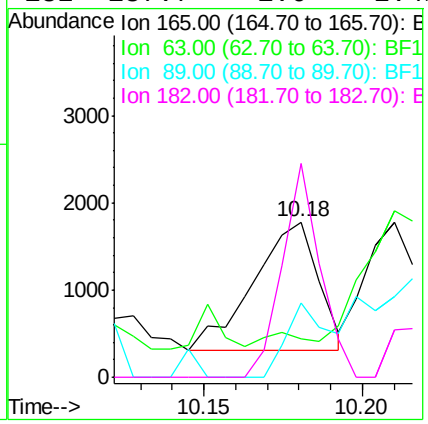


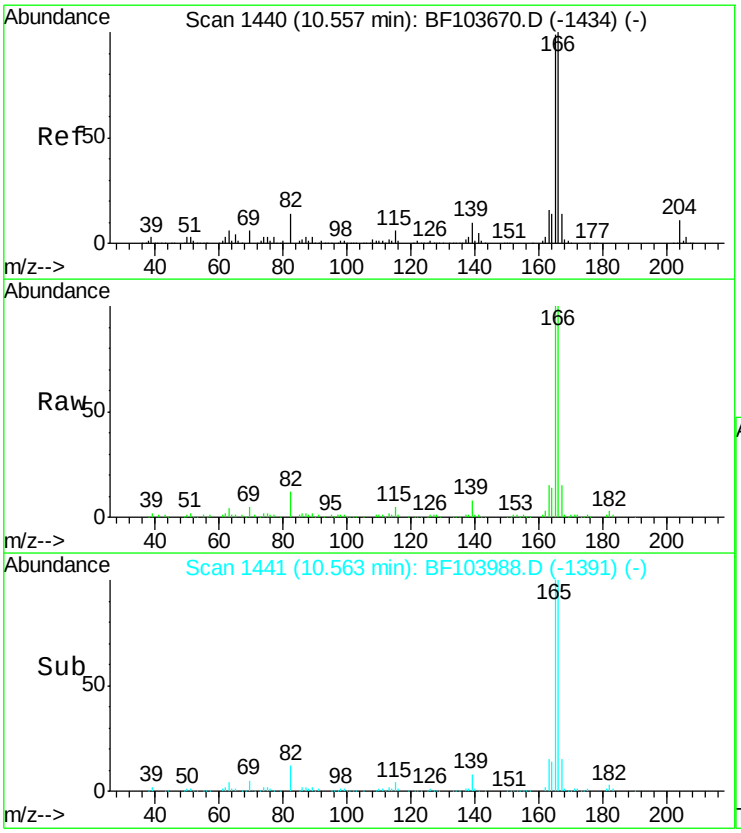
#56
2,4-Dinitrotoluene
Concen: 6.617 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2098

Ion	Ratio	Lower	Upper
165	100		
63	25.0	36.4	54.6#
89	47.6	57.8	86.6#
182	137.7	1.6	2.4#

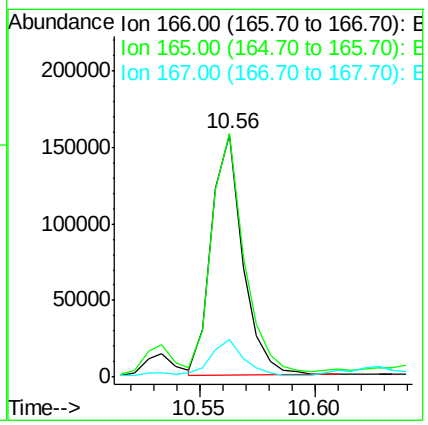


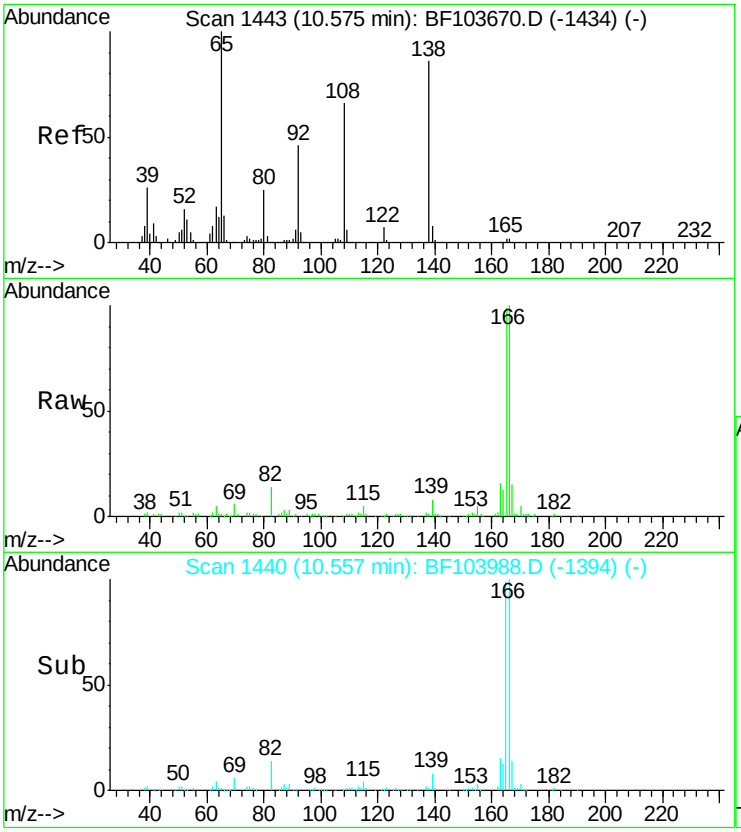


#57
Fluorene
Concen: 8.974 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:166 Resp: 147028

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	15.2	10.6	16.0



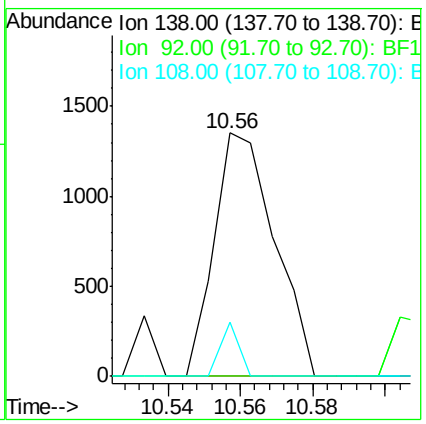


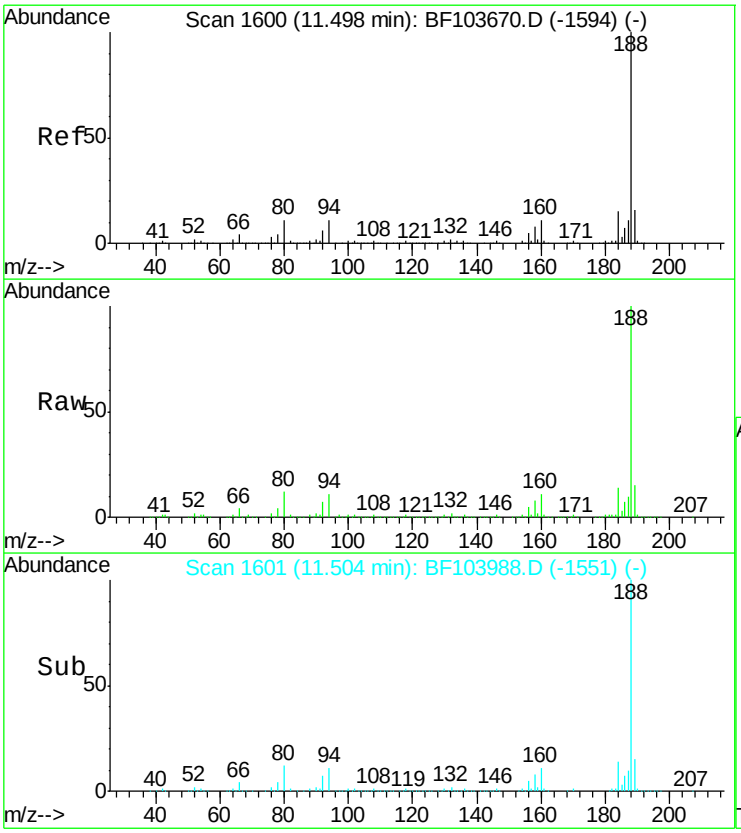
#61
4-Nitroaniline
Concen: 4.099 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 1563

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	22.2	52.5	92.5#

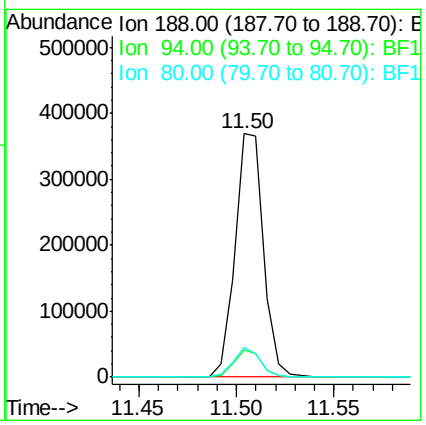


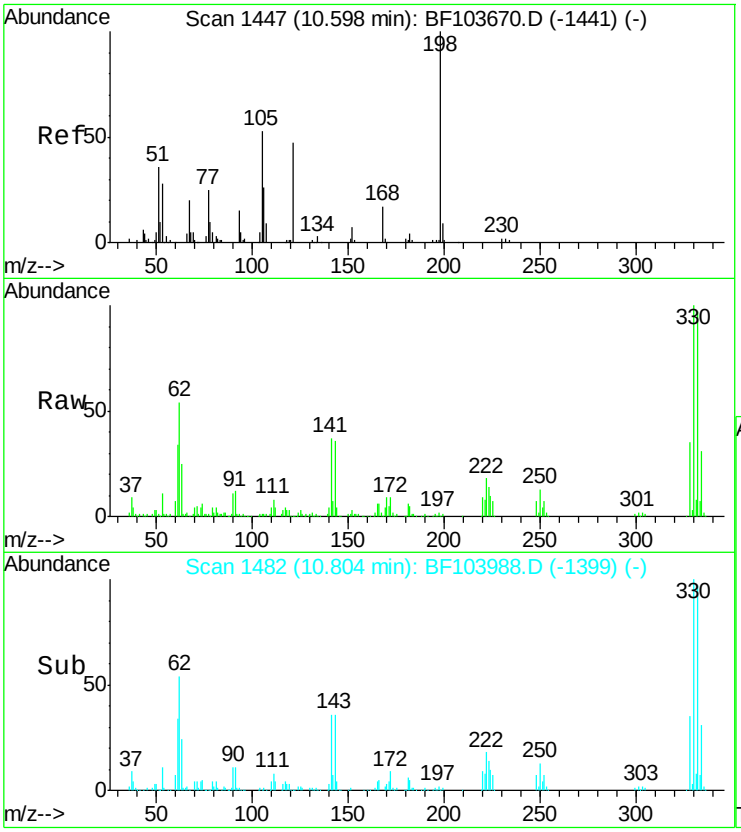


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:188 Resp: 371423

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.3	9.2	13.8



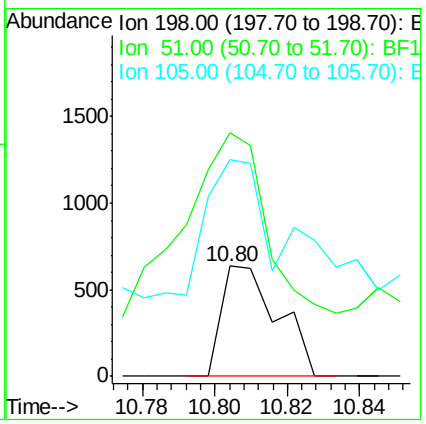


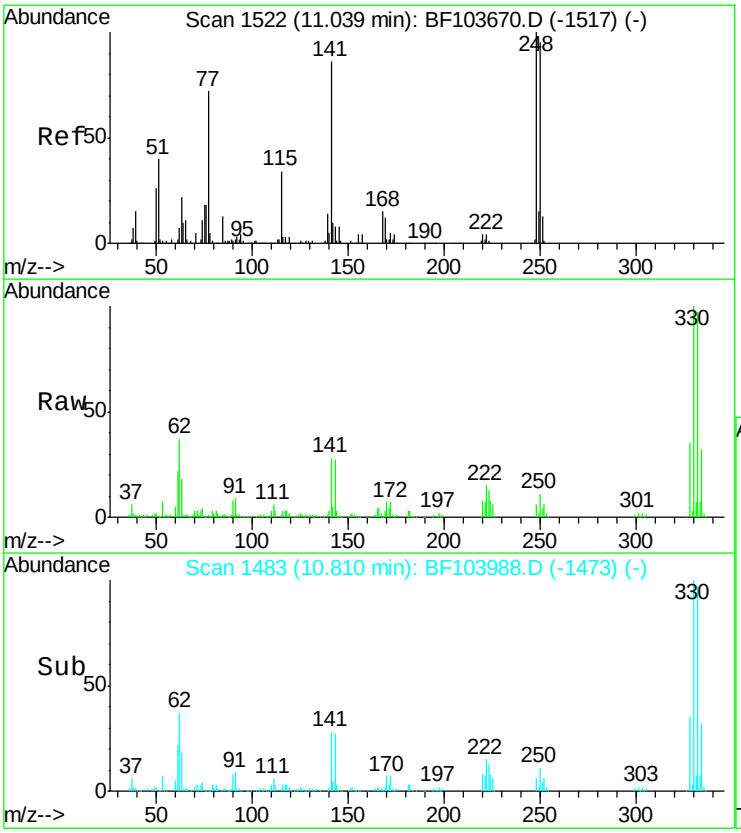
#64
4,6-Dinitro-2-methylphenol
Concen: 8.669 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 685

Ion	Ratio	Lower	Upper
198	100		
51	221.4	37.7	77.7#
105	197.2	36.3	76.3#

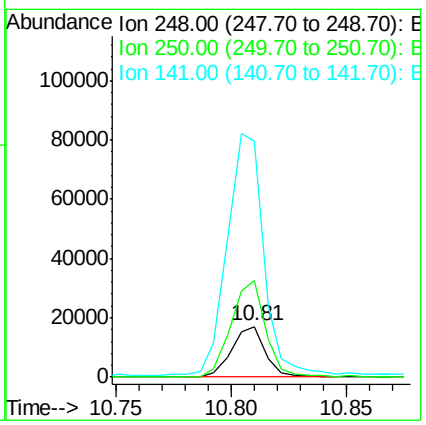


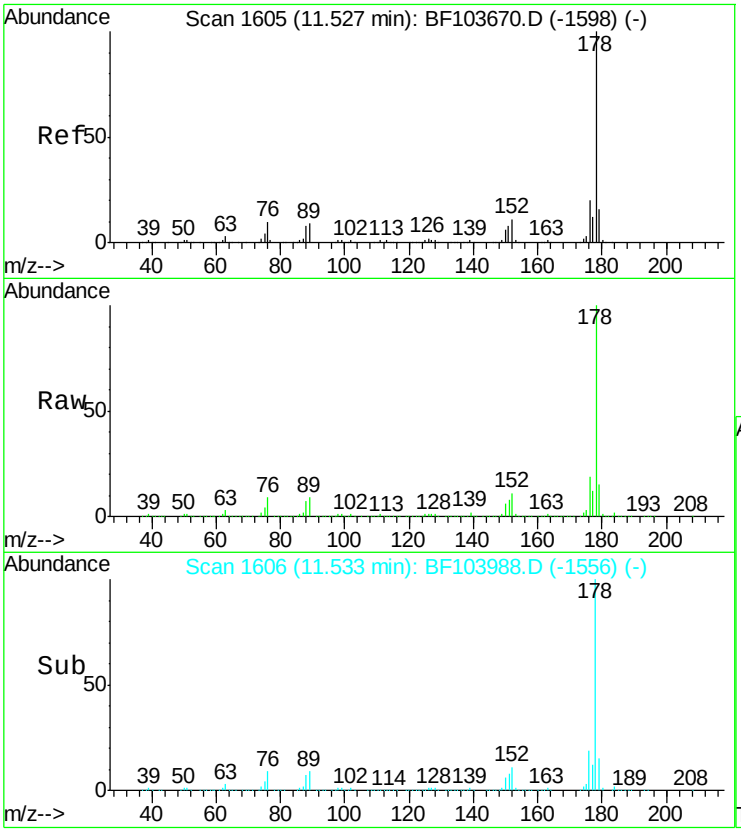


#66
4-Bromophenyl-phenylether
Concen: 4.530 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:248 Resp: 17274

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	467.9	74.4	111.6#



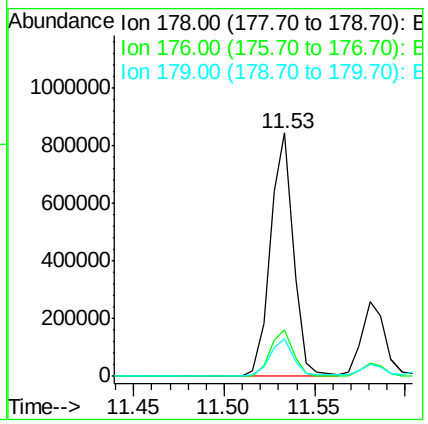


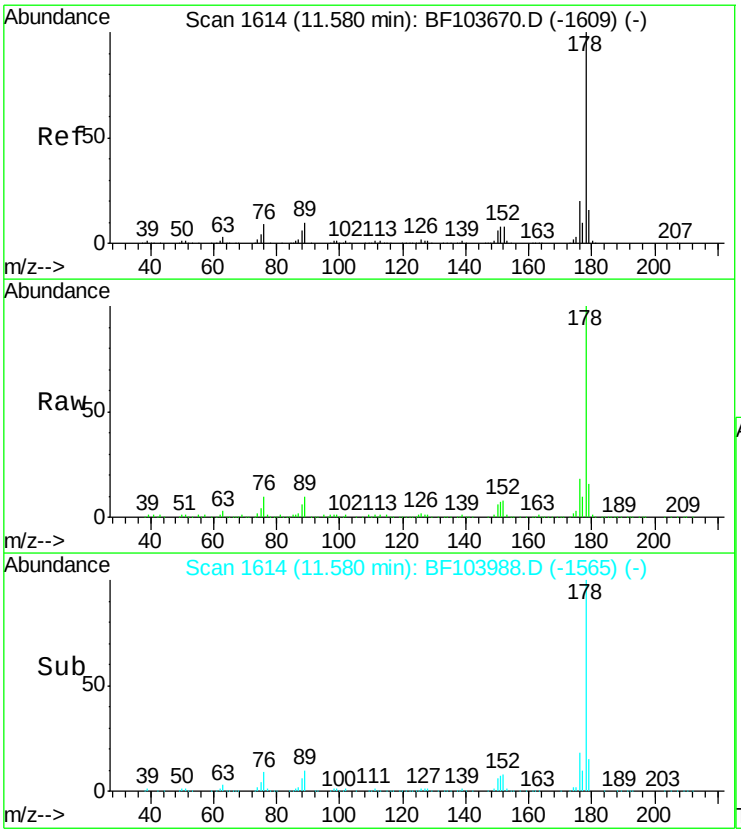
#70
Phenanthrene
Concen: 36.345 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 738455

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	13.0	19.6

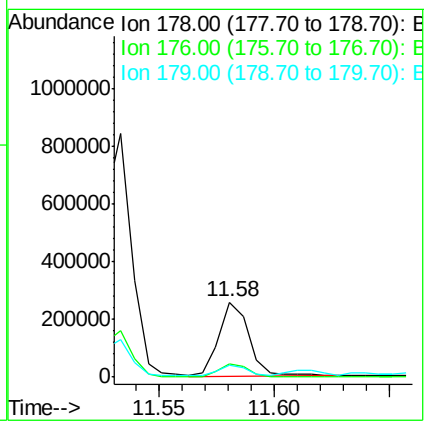


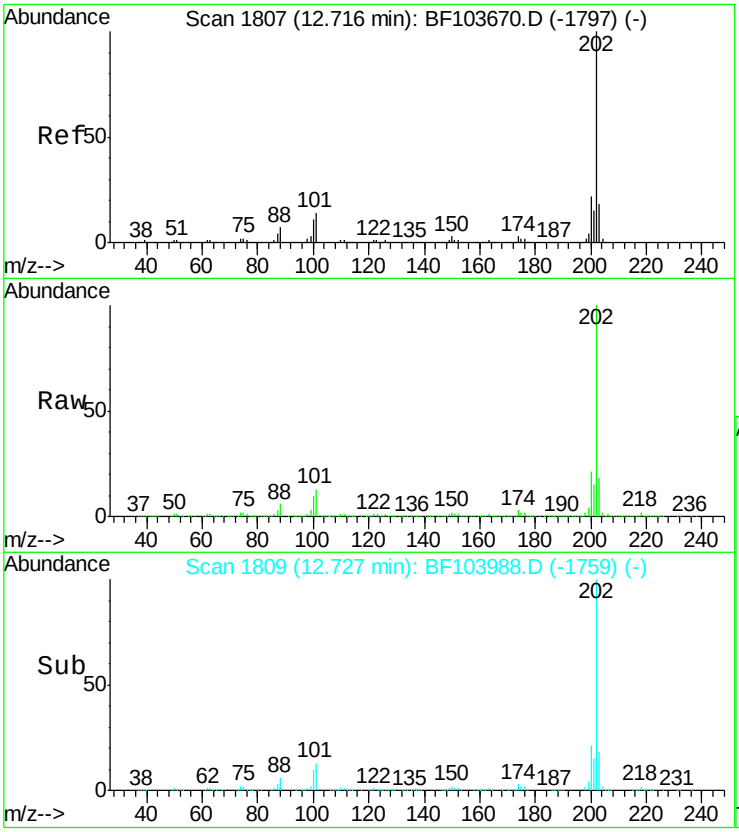


#71
Anthracene
Concen: 11.511 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:178 Resp: 237540

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.6	12.6	19.0



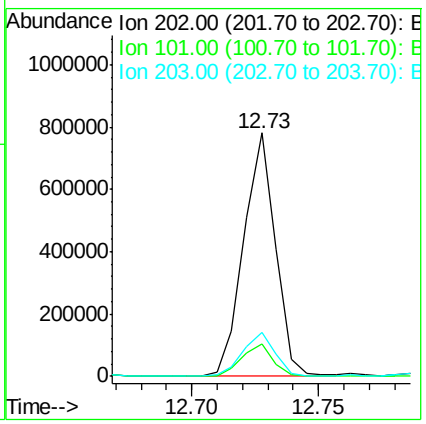


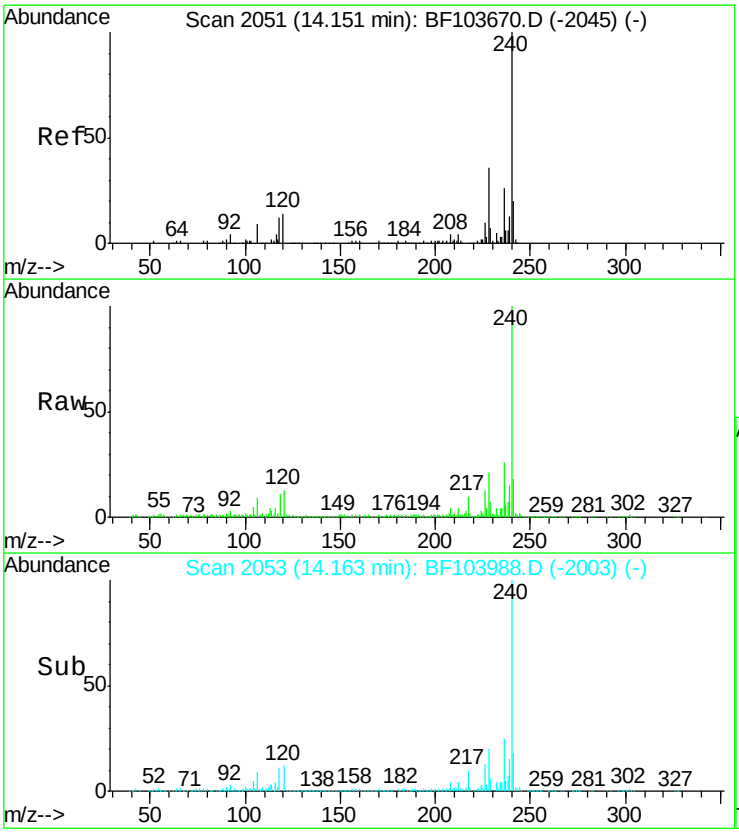
#74
Fluoranthene
Concen: 32.454 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 679328

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	18.1	0.0	38.1

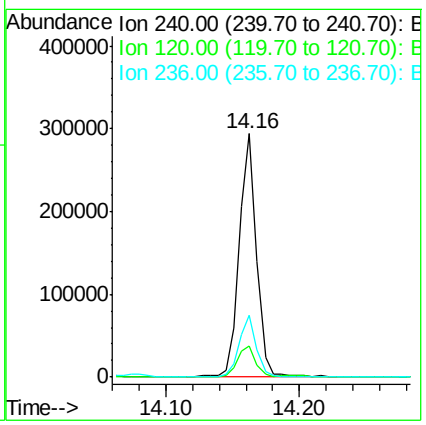


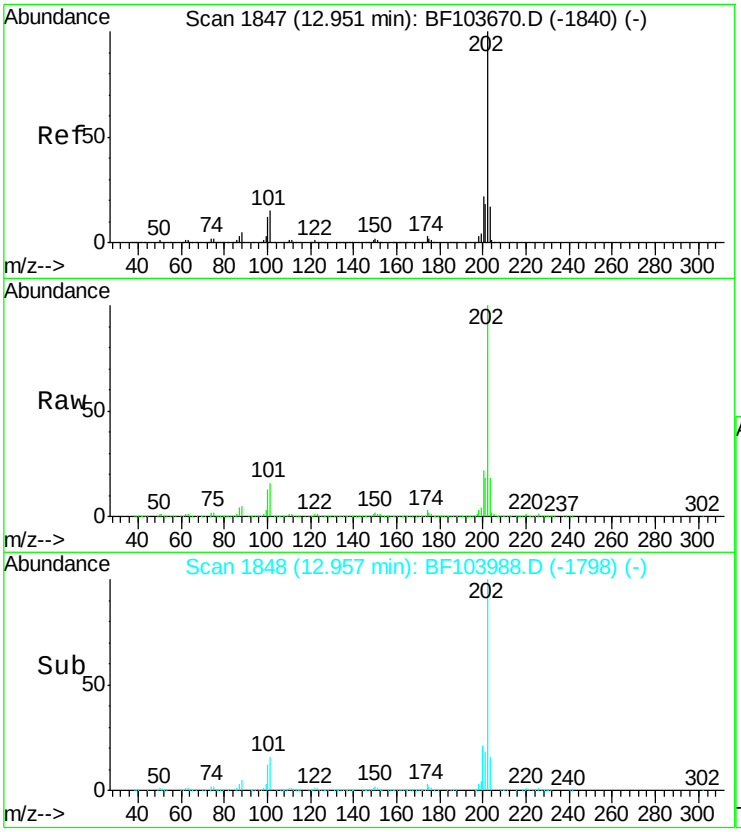


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:240 Resp: 261572

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.5	20.7	31.1



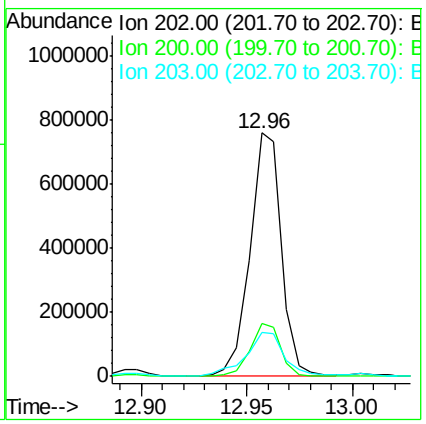


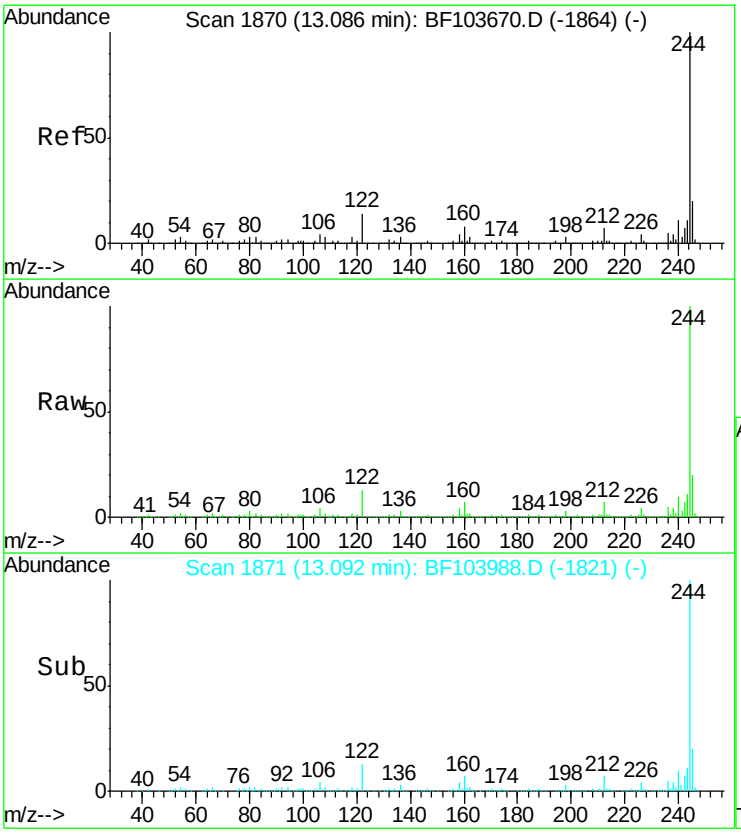
#77
Pyrene
Concen: 40.614 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 780172

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.9	14.3	21.5

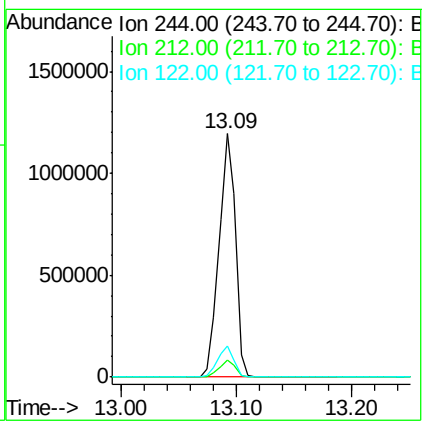


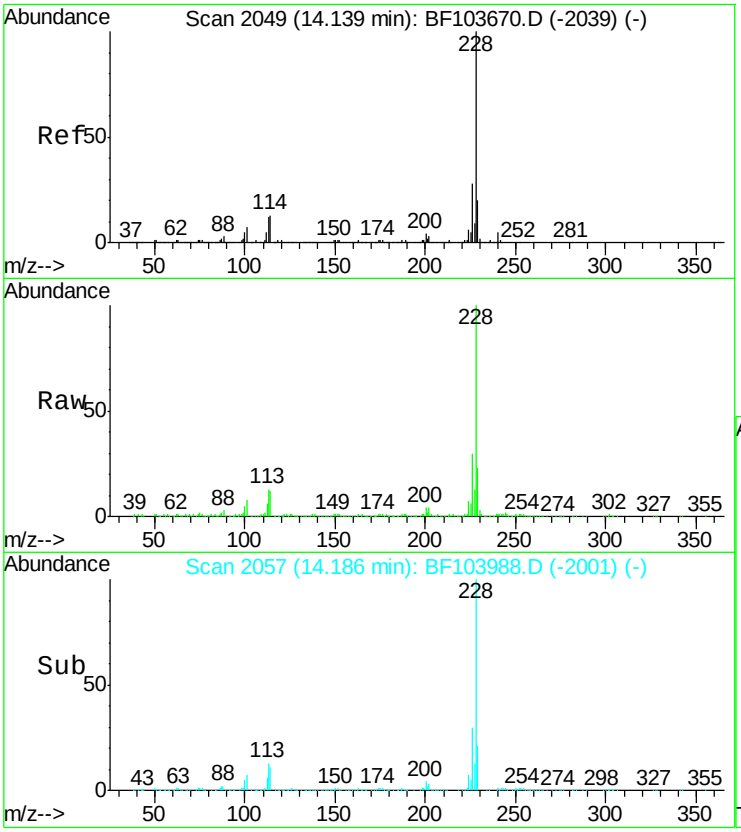


#78
Terphenyl-d14
Concen: 104.861 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:244 Resp: 1181684

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4



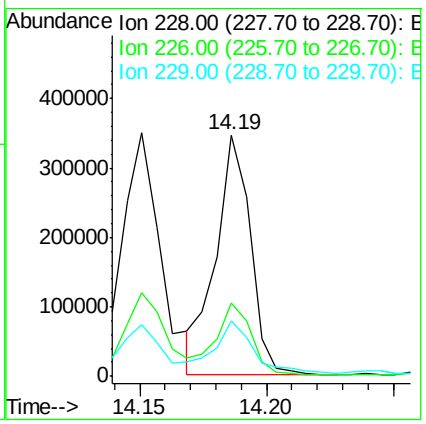


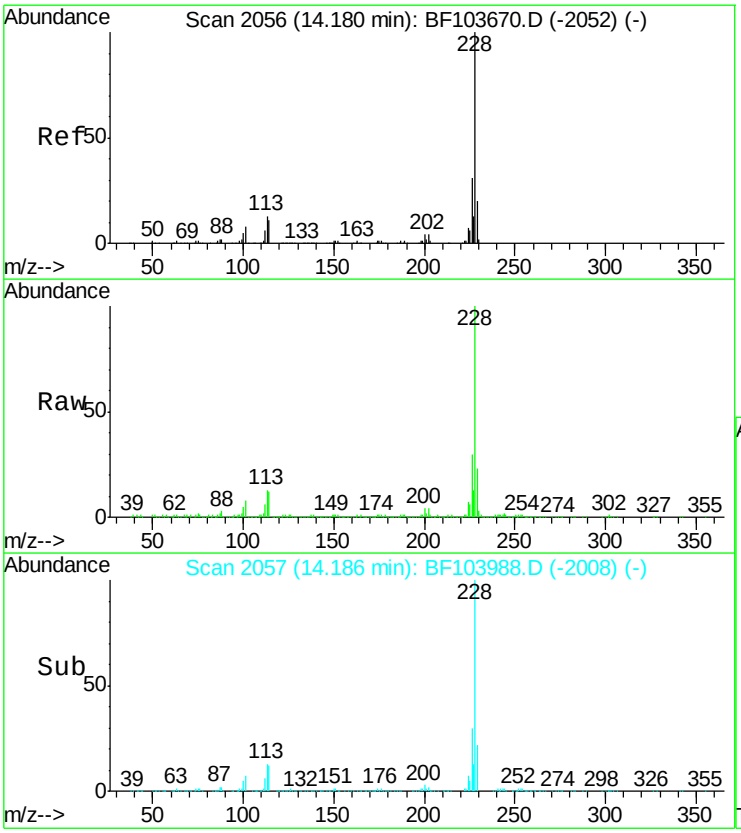
#80
Benzo(a)anthracene
Concen: 19.936 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.03 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 330086

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.8	15.8	23.6

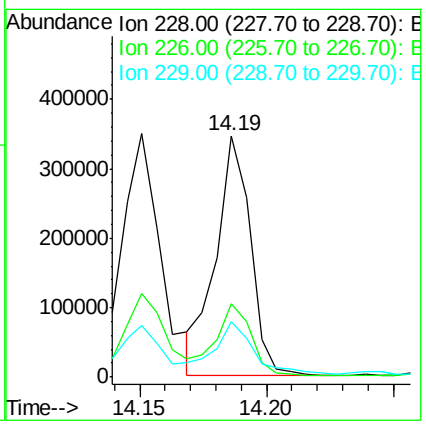


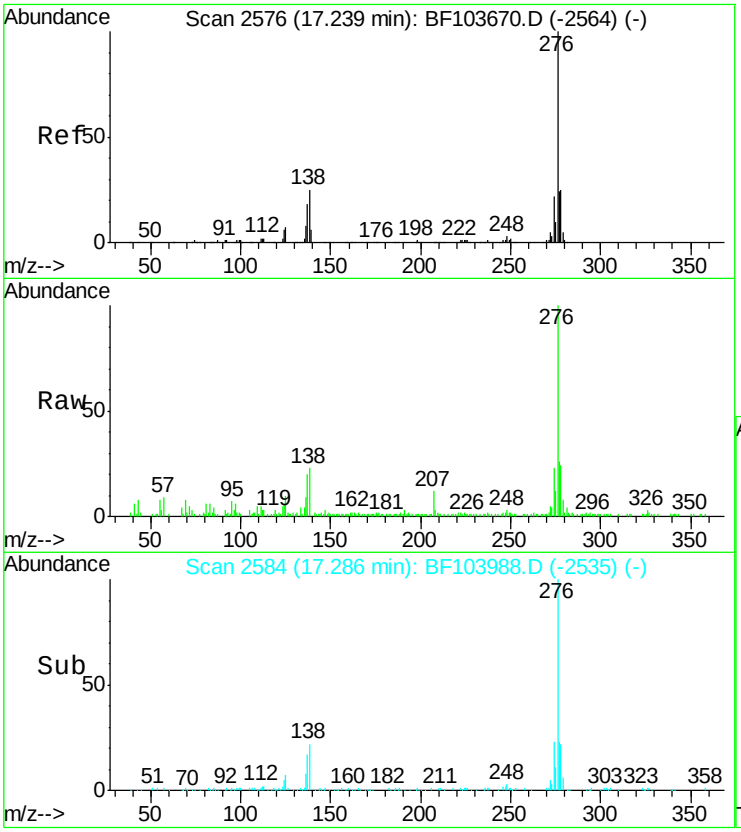


#82
Chrysene
Concen: 20.913 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:228 Resp: 330086

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.8	16.2	24.4



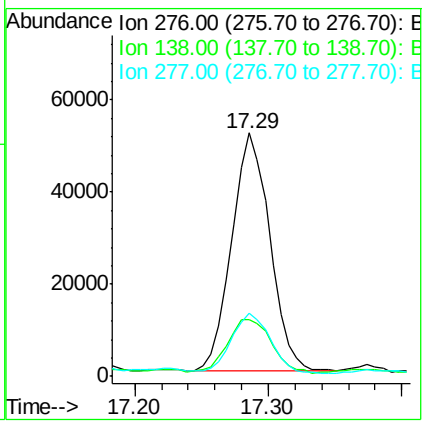


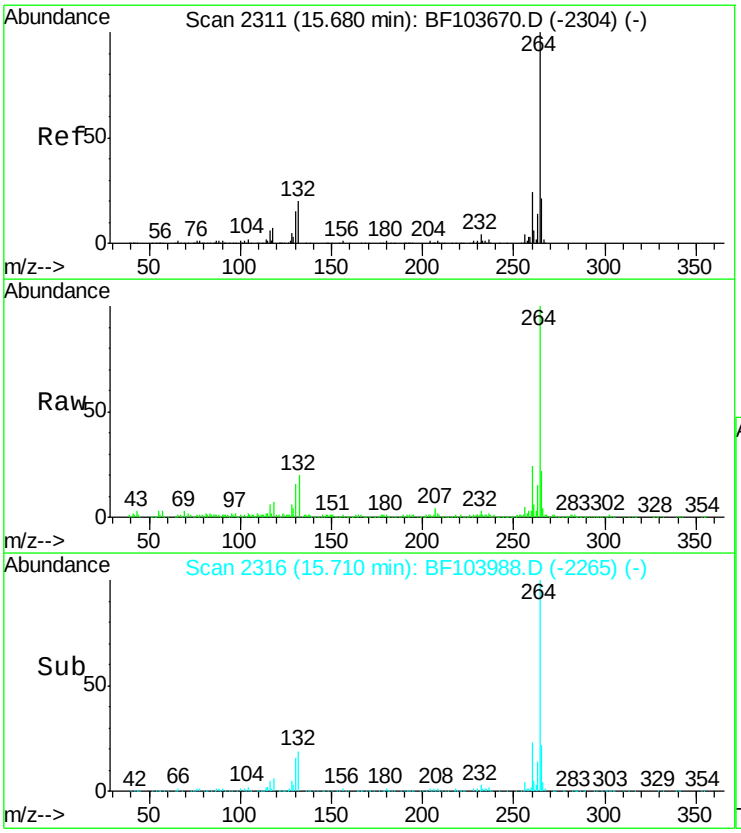
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.405 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 102062

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	26.0	20.1	30.1

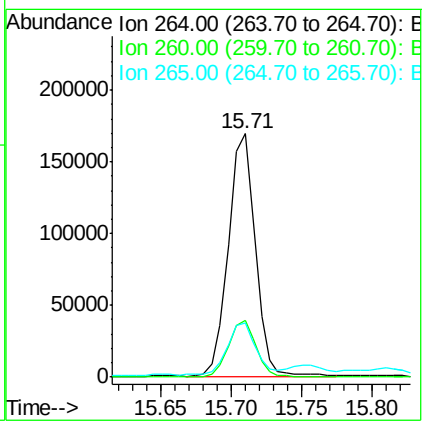


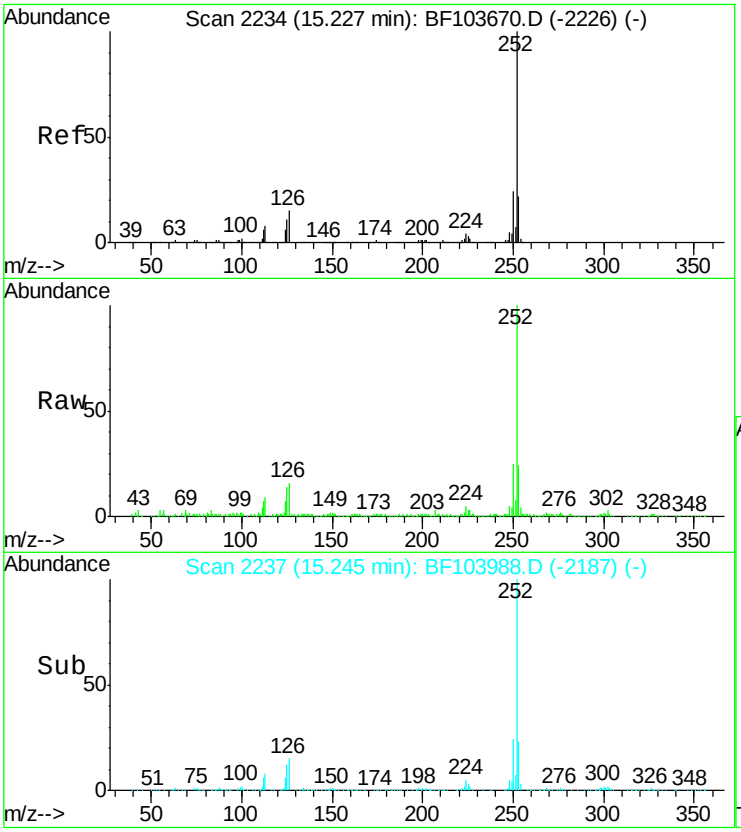


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:264 Resp: 225902

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.4	17.5	26.3



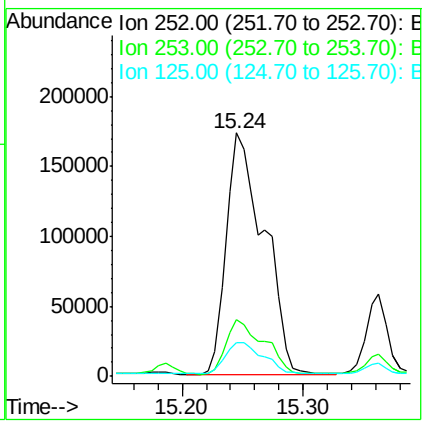


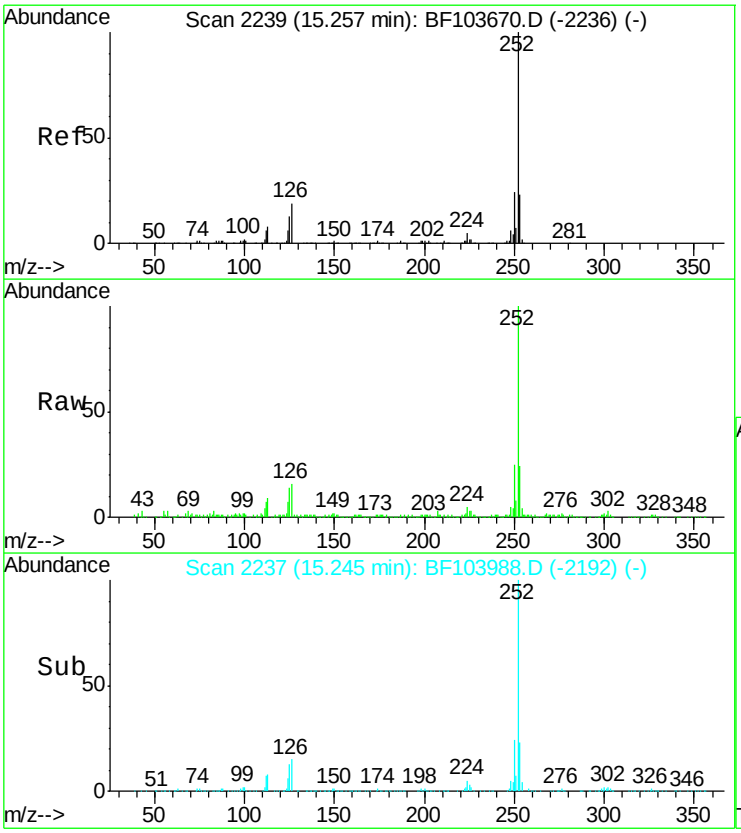
#87
Benzo(b)fluoranthene
Concen: 26.248 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 374615

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.6	9.0	13.6#

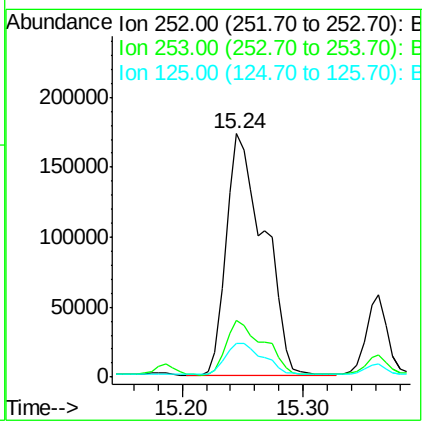


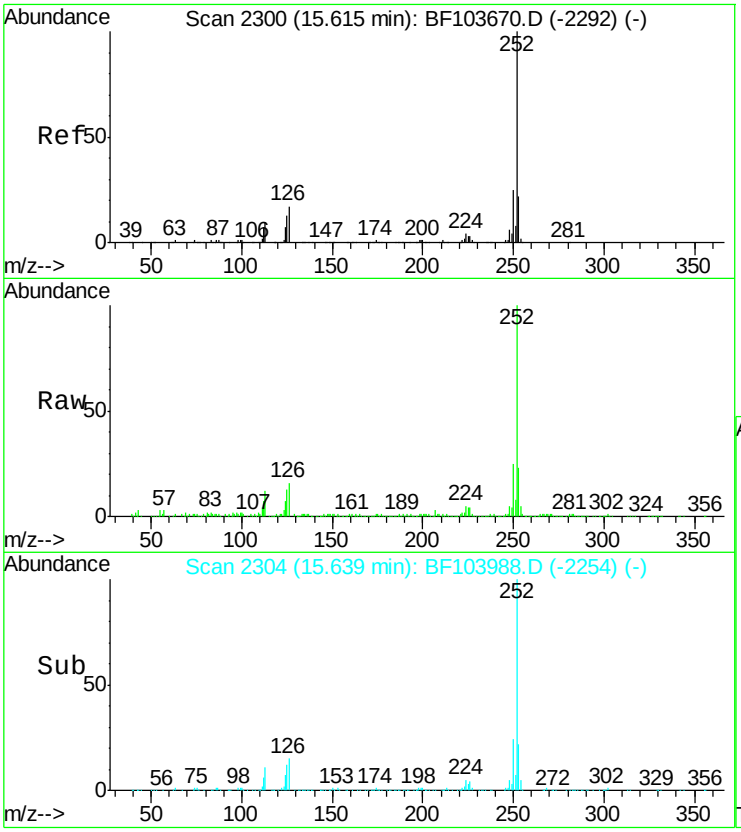


#88
Benzo(k)fluoranthene
Concen: 27.306 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.04 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:252 Resp: 374615

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.6	10.2	15.2



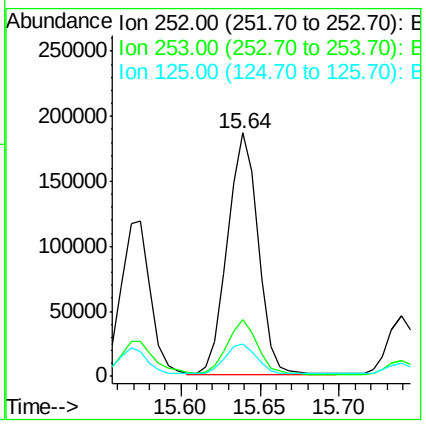


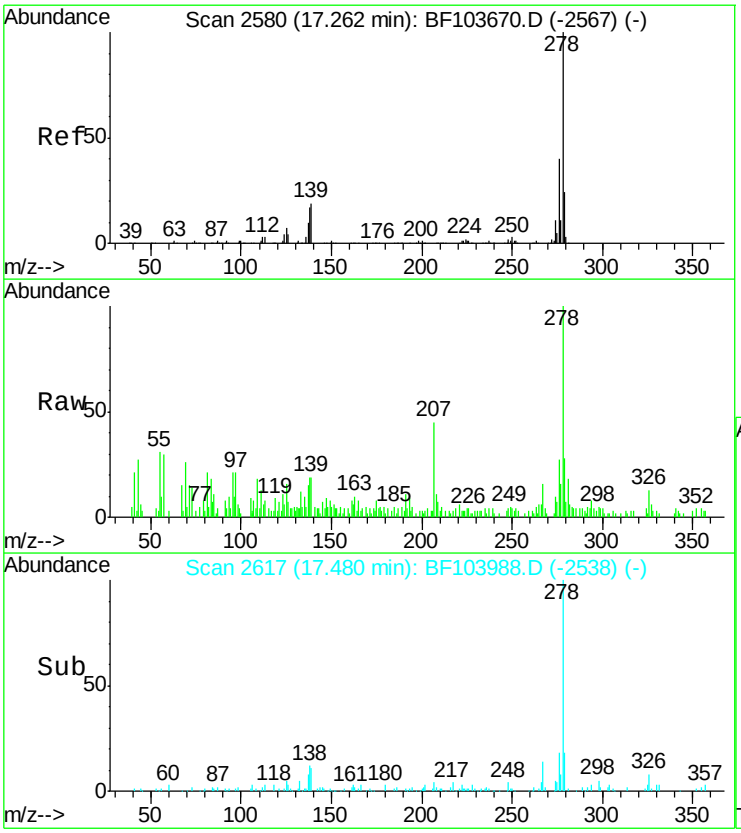
#89
Benzo(a)pyrene
Concen: 19.295 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 249766

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.2	9.8	14.6

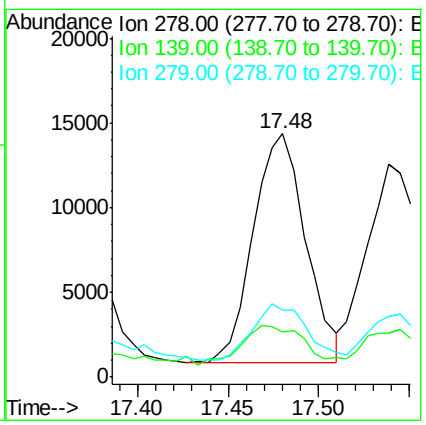


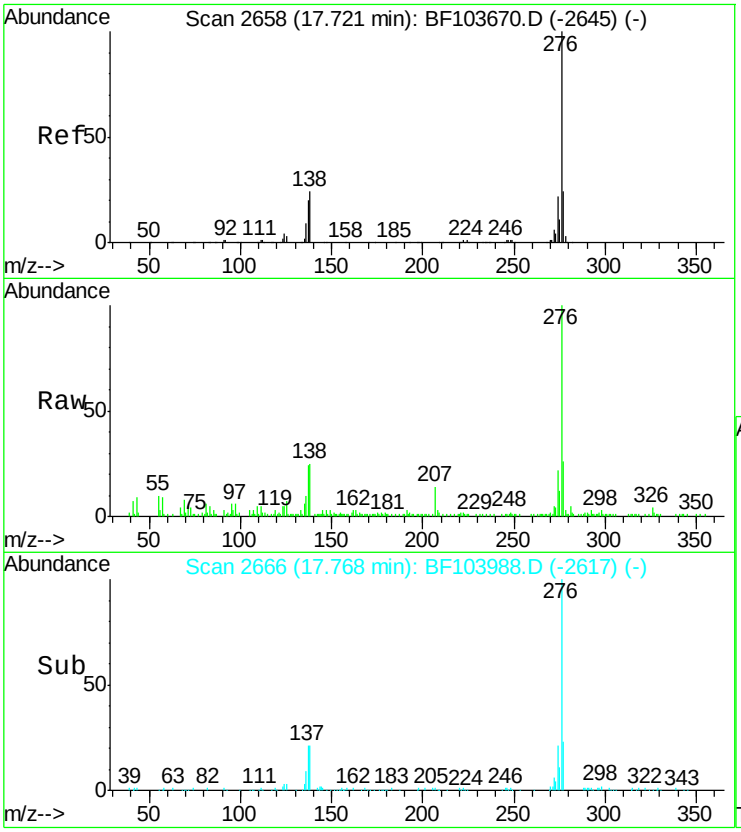


#90
Dibenzo(a,h)anthracene
Concen: 2.420 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.16 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Tgt Ion:278 Resp: 27121

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.9	23.9
279	27.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.464 ng
RT: 17.77 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BF103988.D
Acq: 27 Mar 2018 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 103199

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	24.7	21.8	32.8