Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103813.D
Acq On : 20 Mar 2018 20:10
Operator : JU/SJ
Sample : J1977-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 00:58:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172059	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	667541	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	294255	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	467707	20.00	ng		0.00
75) Chrysene-d12	14.16	240	291726	20.00	ng		0.00
86) Perylene-d12	15.70	264	254548	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1045250	92.40	ng		0.02
7) Phenol-d6	6.59	99	1280729	92.54	ng		0.00
23) Nitrobenzene-d5	7.53	82	779698	81.45	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	239444	94.64	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1215619	65.90	ng		0.00
78) Terphenyl-d14	13.09	244	876572	69.75	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	101113	11.400	ng	#	74
25) Isophorone	7.53	82	779693	35.185	ng	#	64
32) Benzoic acid	7.95	122	547	9.970	ng	#	79
47) 2-Nitroaniline	9.72	65	1343	7.040	ng	#	1
49) Dimethylphthalate	9.72	163	158803	7.074	ng		100
50) 2,6-Dinitrotoluene	9.72	165	1801	4.364	ng	#	22
55) 4-Nitrophenol	10.22	139	981	5.194	ng	#	9
56) 2,4-Dinitrotoluene	10.02	165	37051	12.076	ng	#	23
61) 4-Nitroaniline	10.57	138	280	3.801	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.80	198	461	8.412	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	14248	2.967	ng	#	1
70) Phenanthrene	11.53	178	64240	2.511	ng		97
74) Fluoranthene	12.72	202	91822	3.484	ng		98
77) Pyrene	12.96	202	78359	3.658	ng		98
80) Benzo(a)anthracene	14.14	228	38596	2.090	ng		99
82) Chrysene	14.14	228	38596	2.193	ng		96
87) Benzo(b)fluoranthene	15.24	252	55755	3.467	ng	#	92
88) Benzo(k)fluoranthene	15.24	252	55755	3.607	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103813.D
Acq On : 20 Mar 2018 20:10
Operator : JU/SJ
Sample : J1977-02
Misc :
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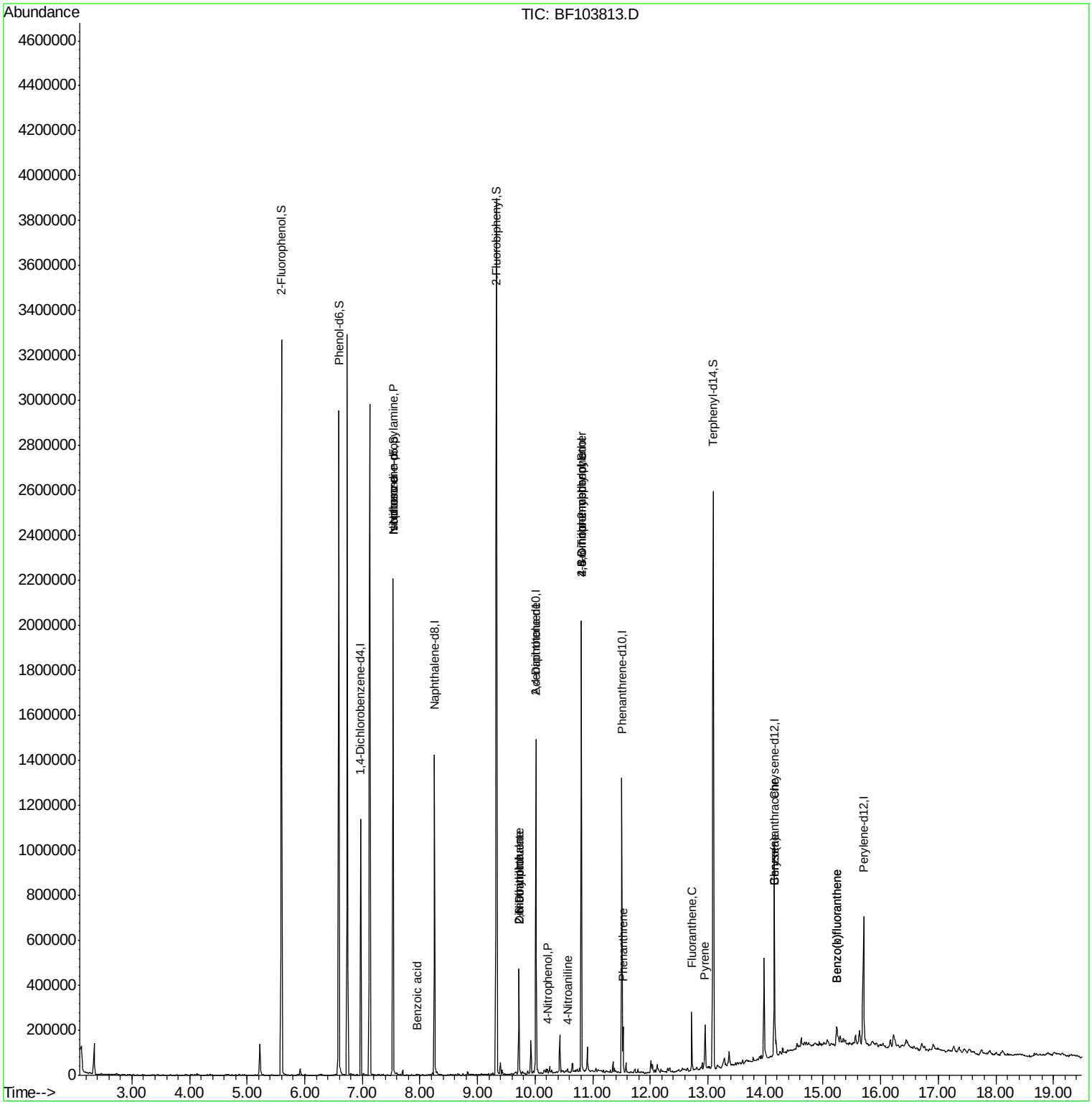
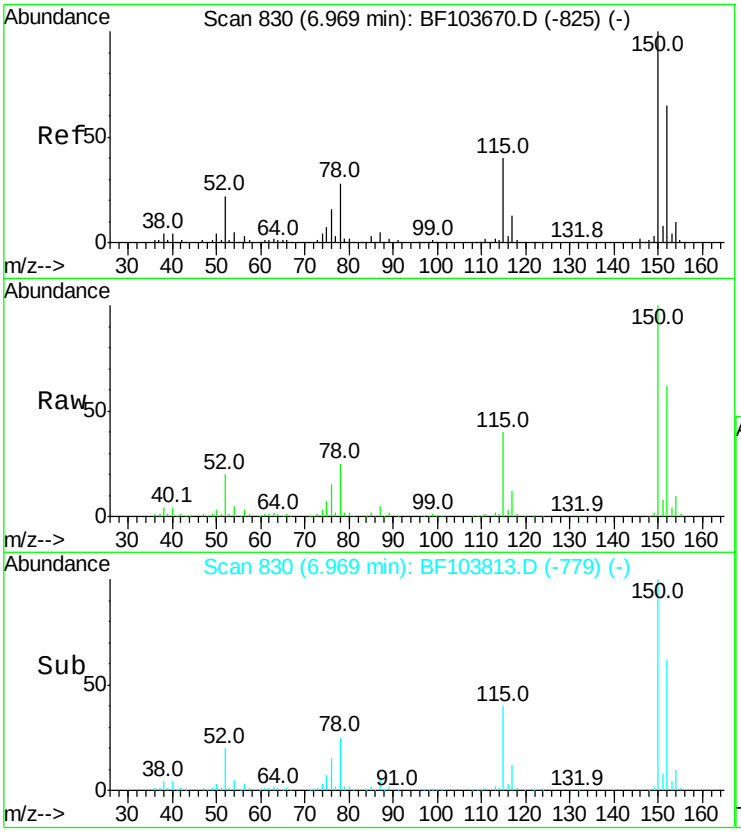


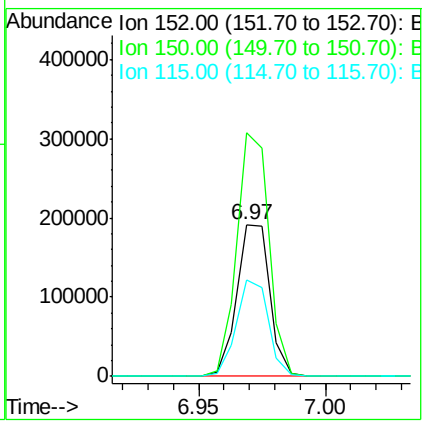


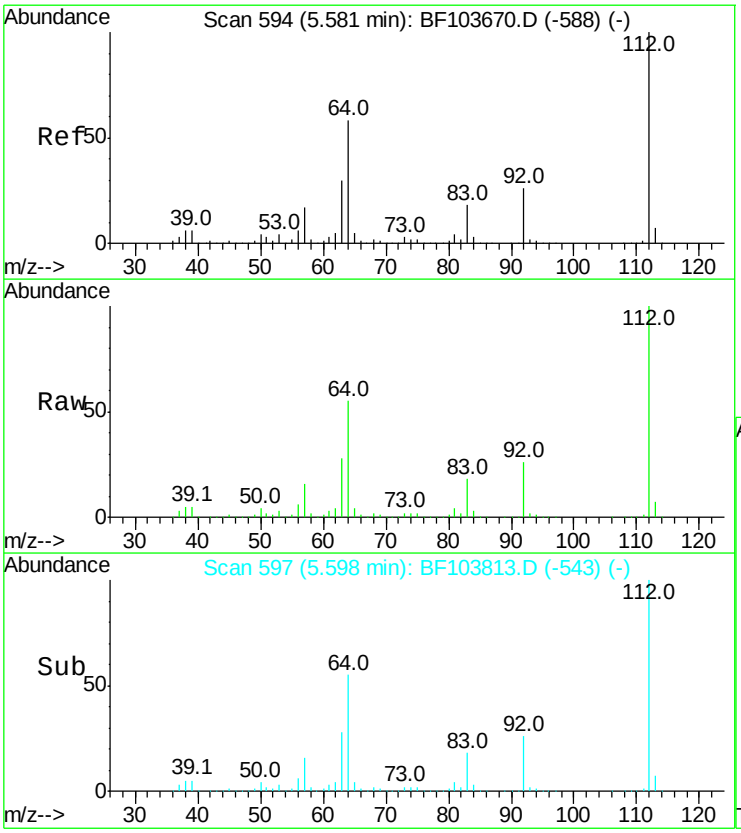
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172059

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	63.7	50.1	75.1

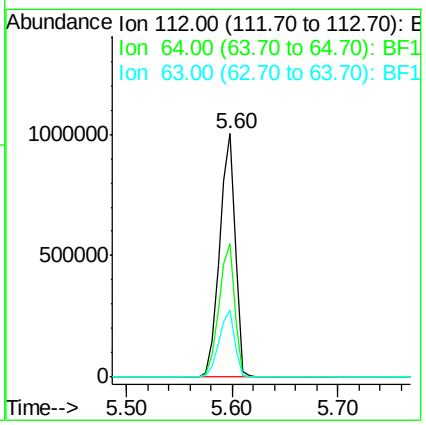


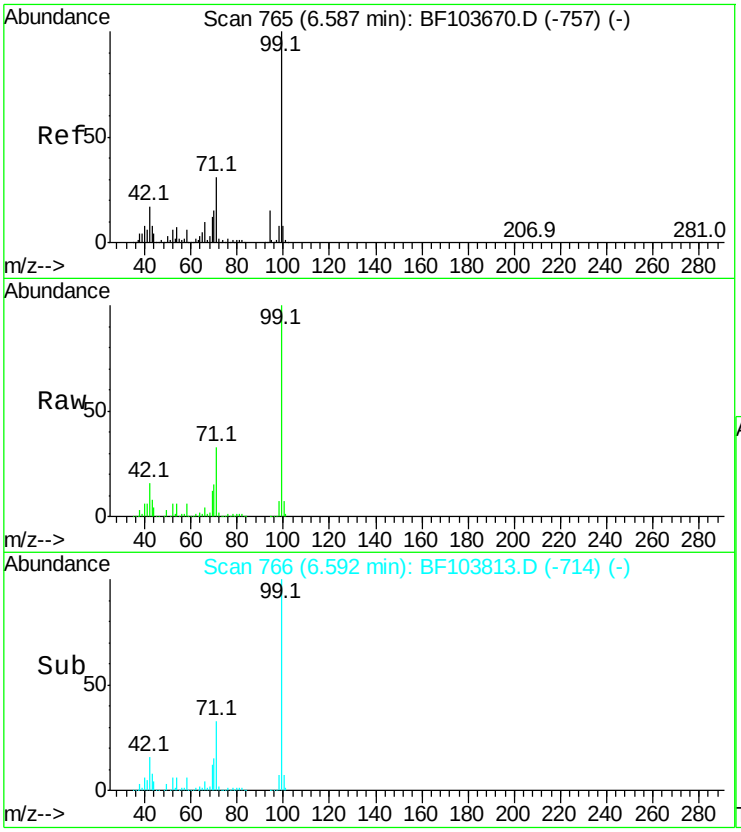


#5
2-Fluorophenol
Concen: 92.400 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:112 Resp: 1045250

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.7	23.7	35.5



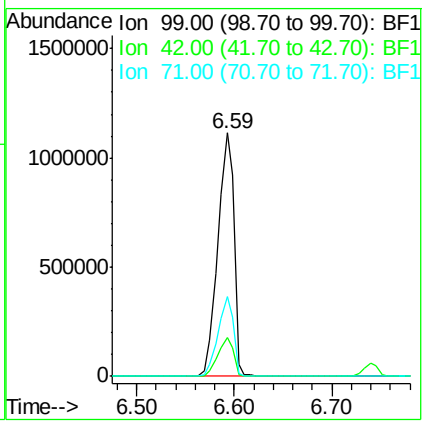


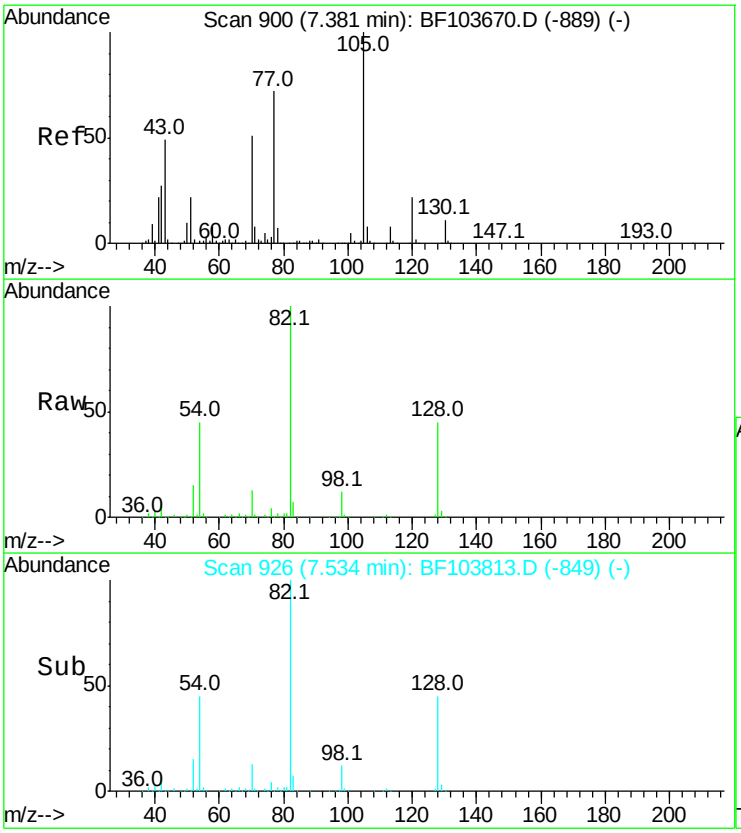
#7
Phenol-d6
Concen: 92.540 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1280729

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.8	25.4	38.0

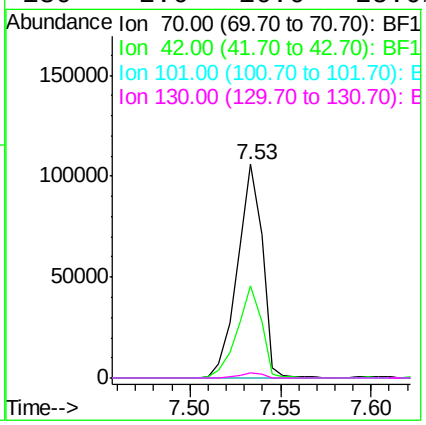


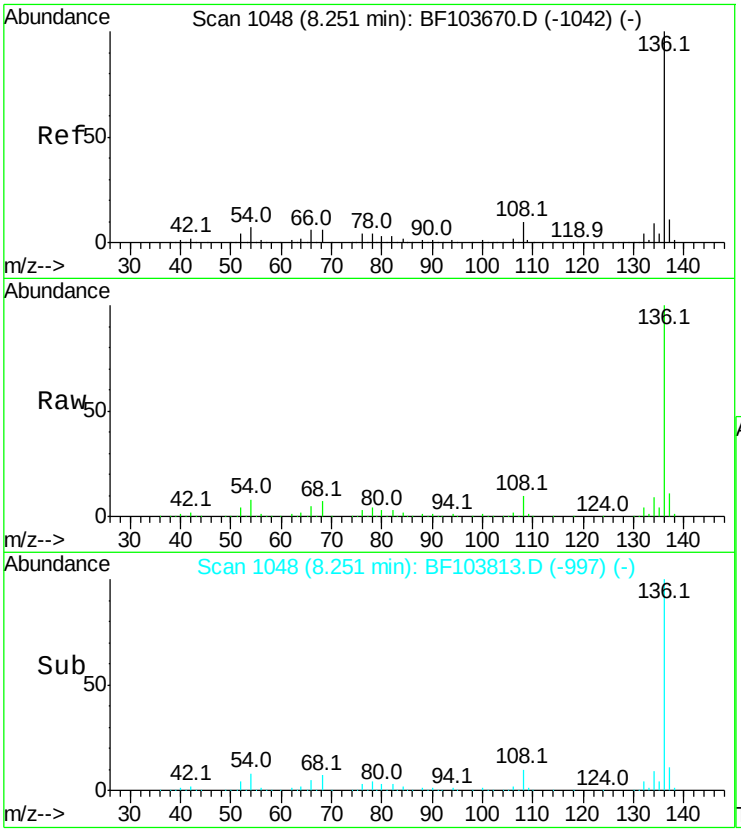


#19
n-Nitroso-di-n-propylamine
Concen: 11.400 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion: 70 Resp: 101113

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



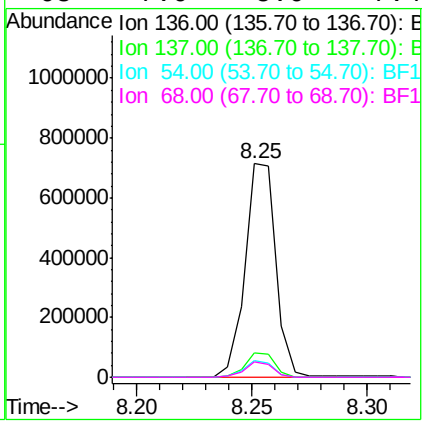


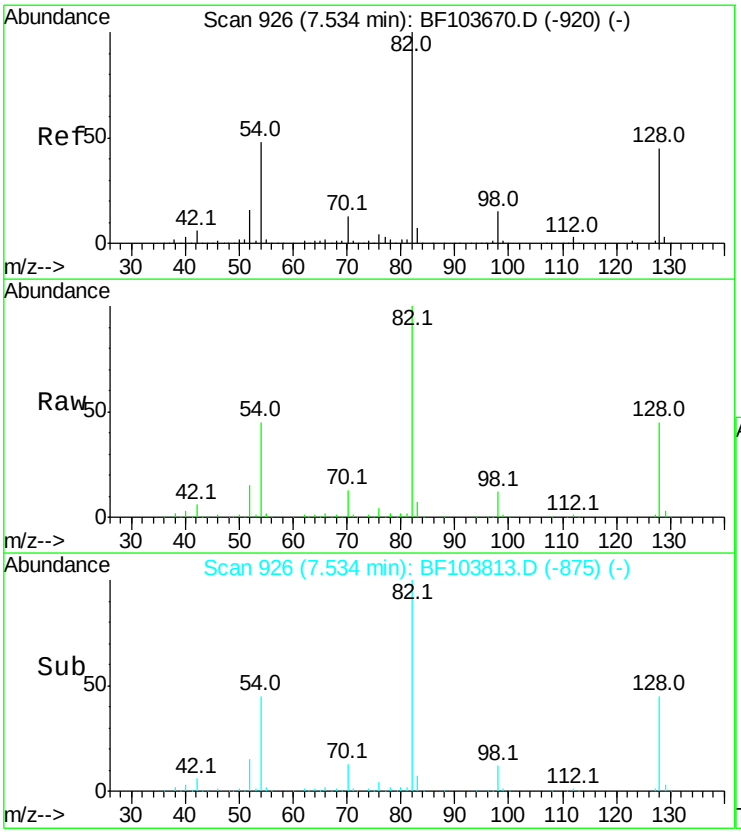
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 667541

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.7	6.6	9.8
68	7.0	5.0	7.4

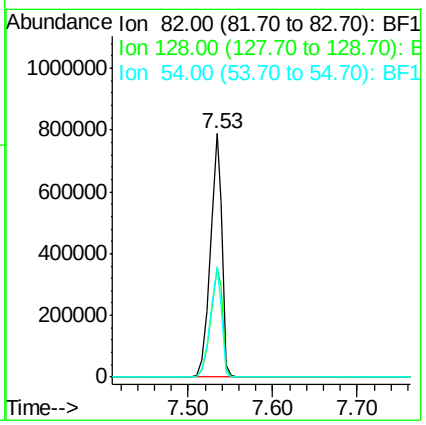


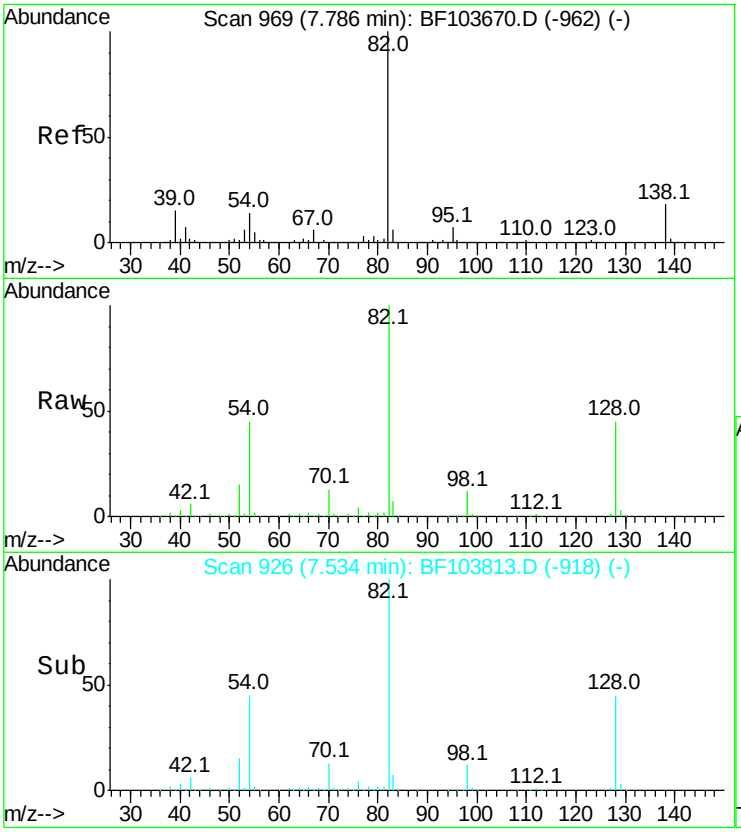


#23
Nitrobenzene-d5
Concen: 81.453 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion: 82 Resp: 779698

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.2	41.4	62.2



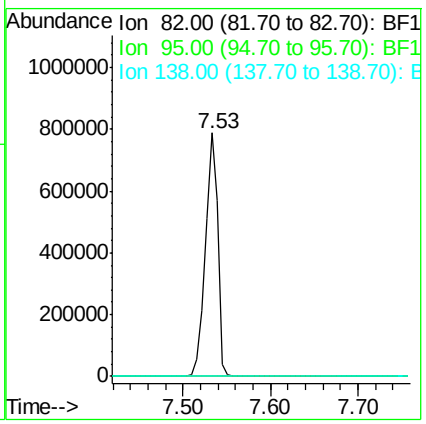


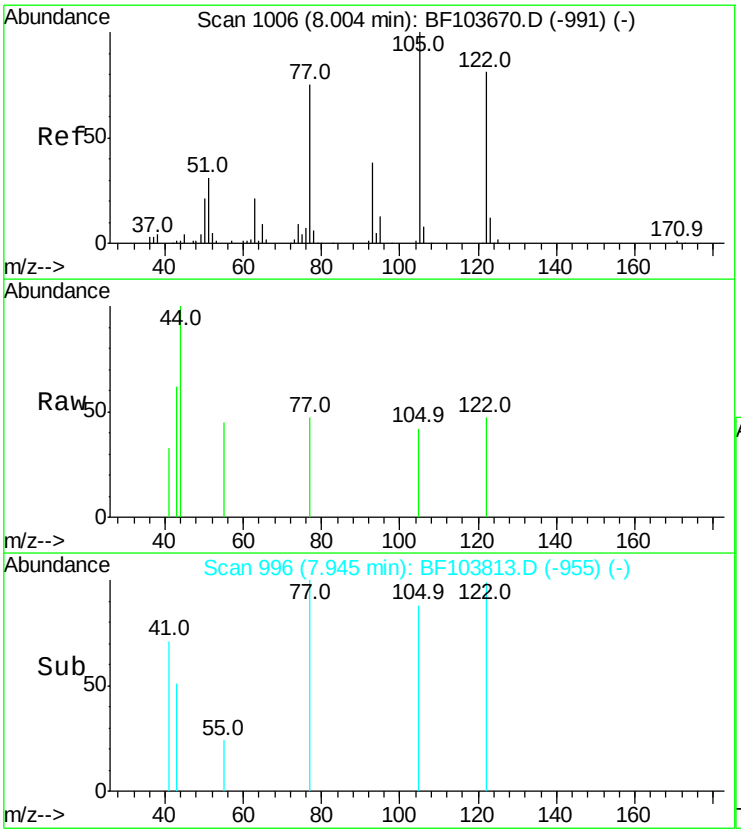
#25
Isophorone
Concen: 35.185 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 779693

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

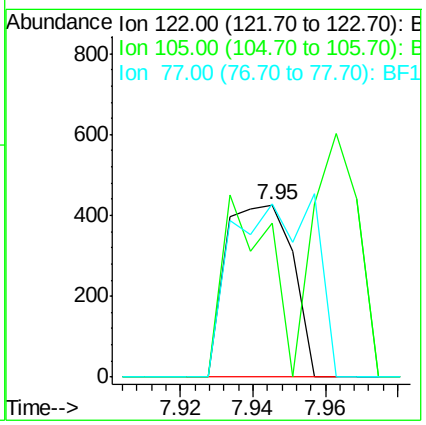


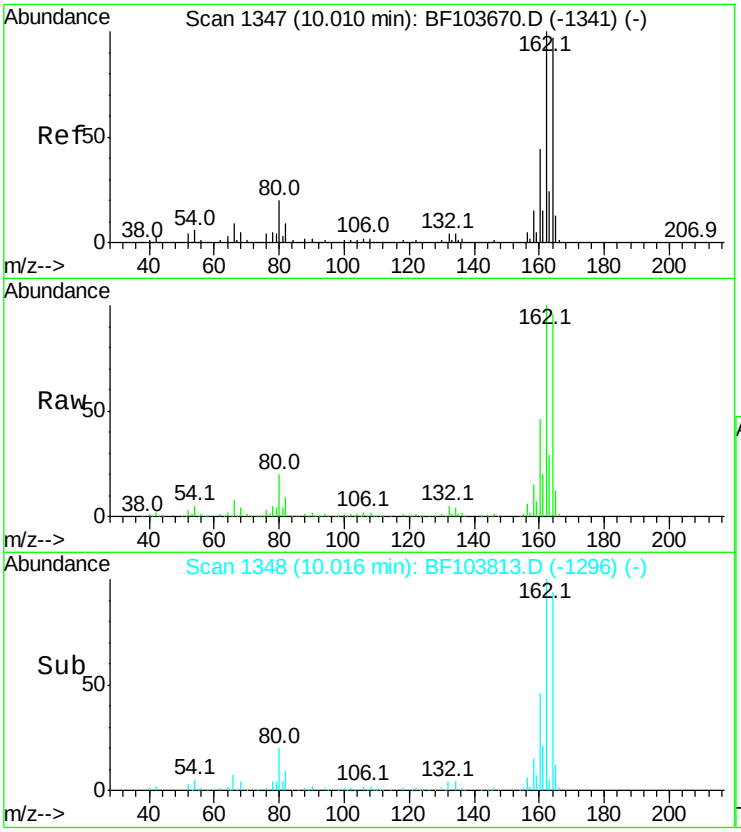


#32
Benzoic acid
Concen: 9.970 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.06 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:122 Resp: 547

Ion	Ratio	Lower	Upper
122	100		
105	89.2	101.1	141.1#
77	100.9	70.7	110.7



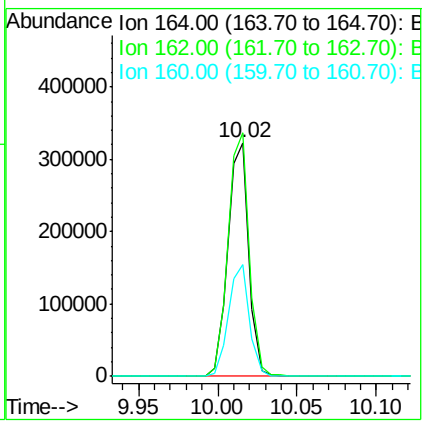


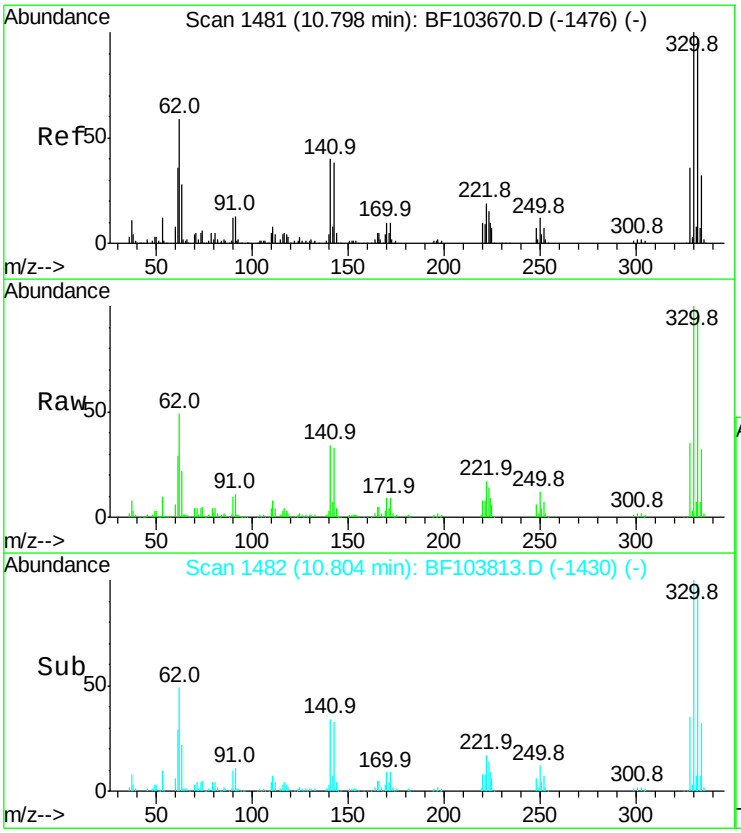
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 294255

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.8	38.3	57.5

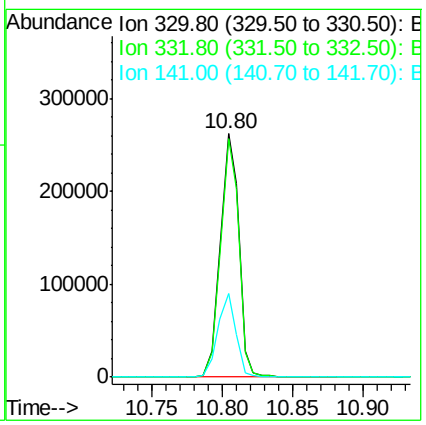


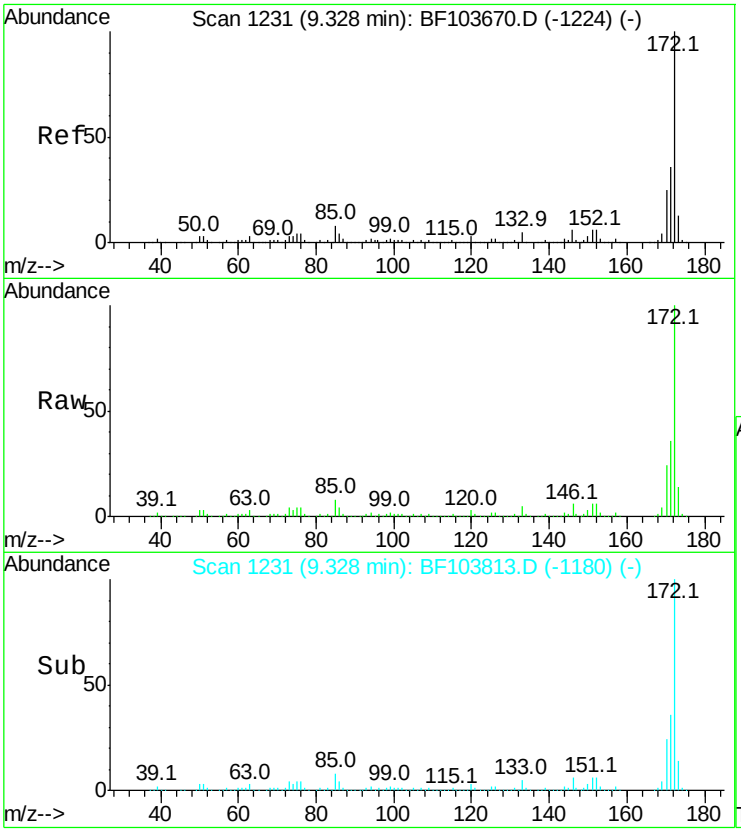


#41
2,4,6-Tribromophenol
Concen: 94.641 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:330 Resp: 239444

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.5	29.9	44.9



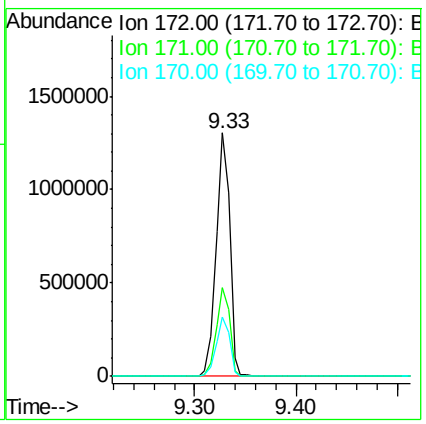


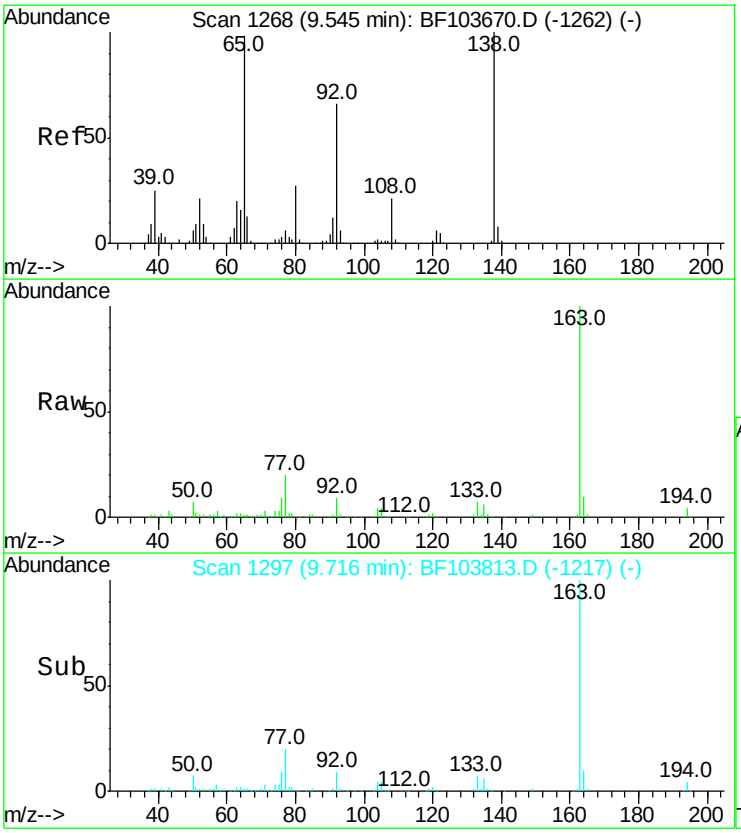
#44
2-Fluorobiphenyl
Concen: 65.898 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1215619

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

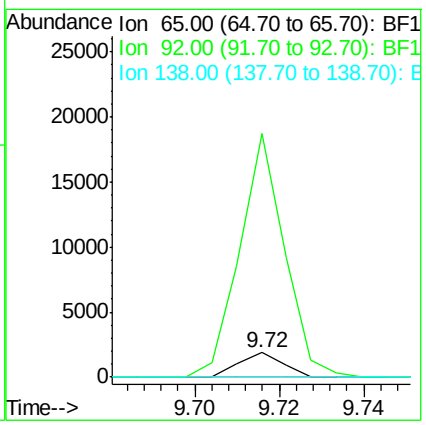


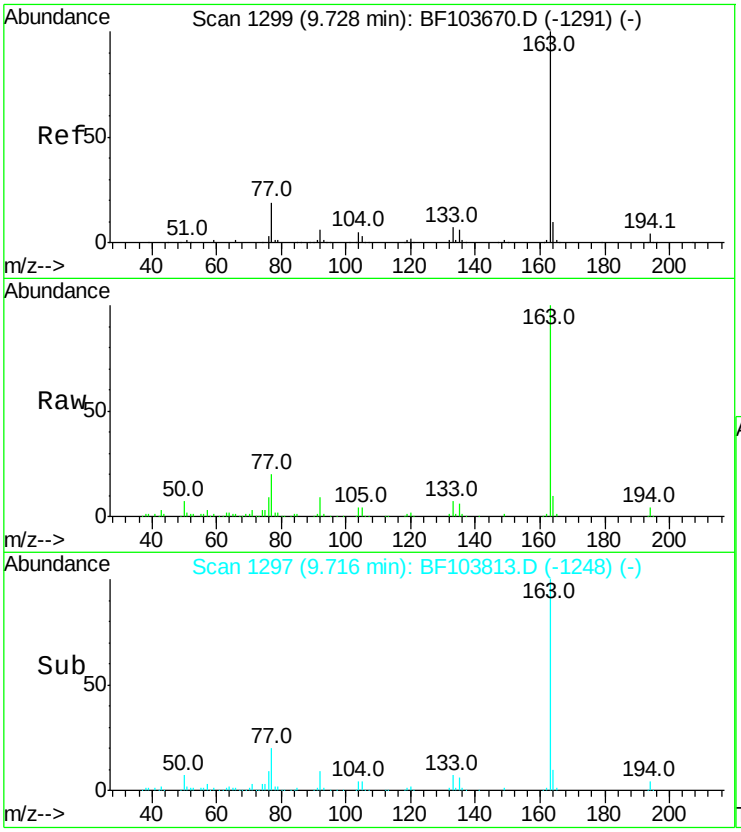


#47
2-Nitroaniline
Concen: 7.040 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion: 65 Resp: 1343

Ion	Ratio	Lower	Upper
65	100		
92	999.6	55.8	83.6#
138	0.0	91.2	136.8#



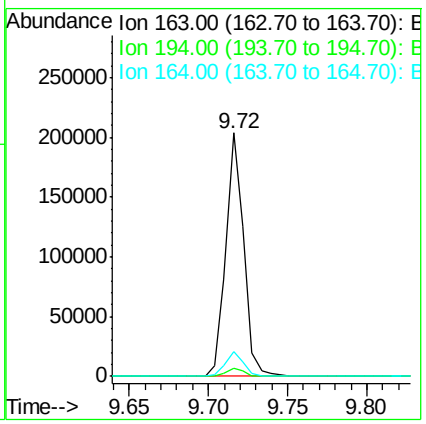


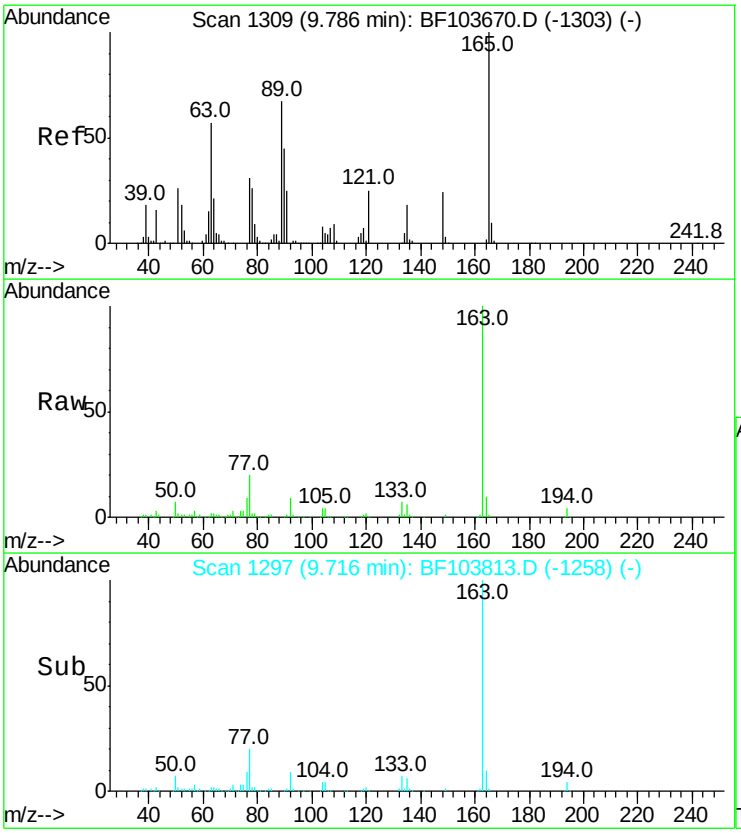
#49
Dimethylphthalate
Concen: 7.074 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 158803

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

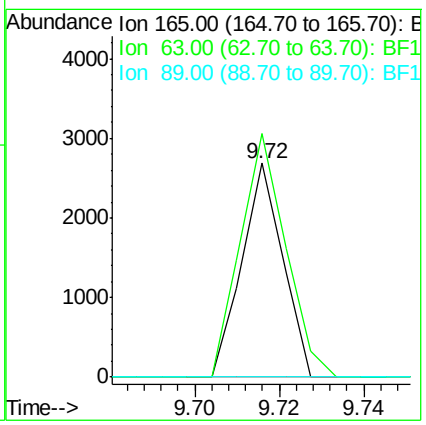


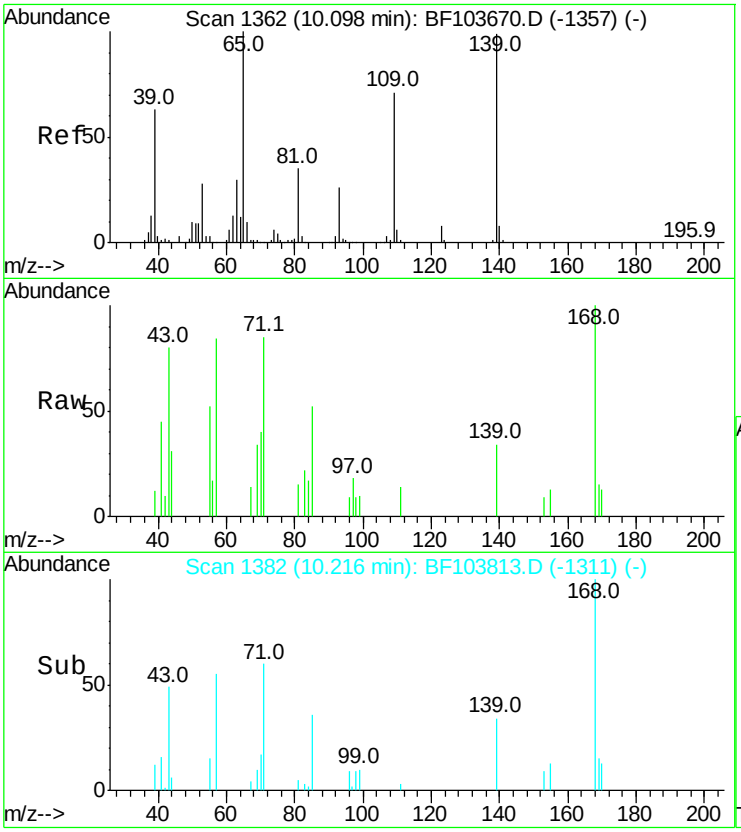


#50
2,6-Dinitrotoluene
Concen: 4.364 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:165 Resp: 1801

Ion	Ratio	Lower	Upper
165	100		
63	113.9	44.7	67.1#
89	0.0	44.0	66.0#



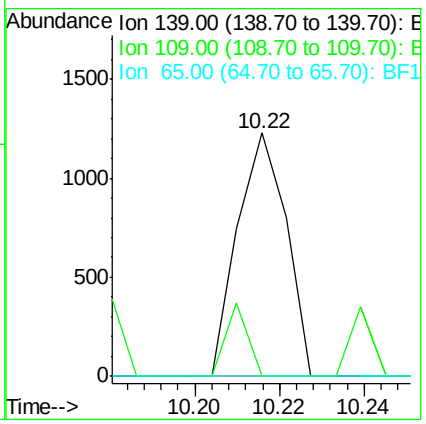


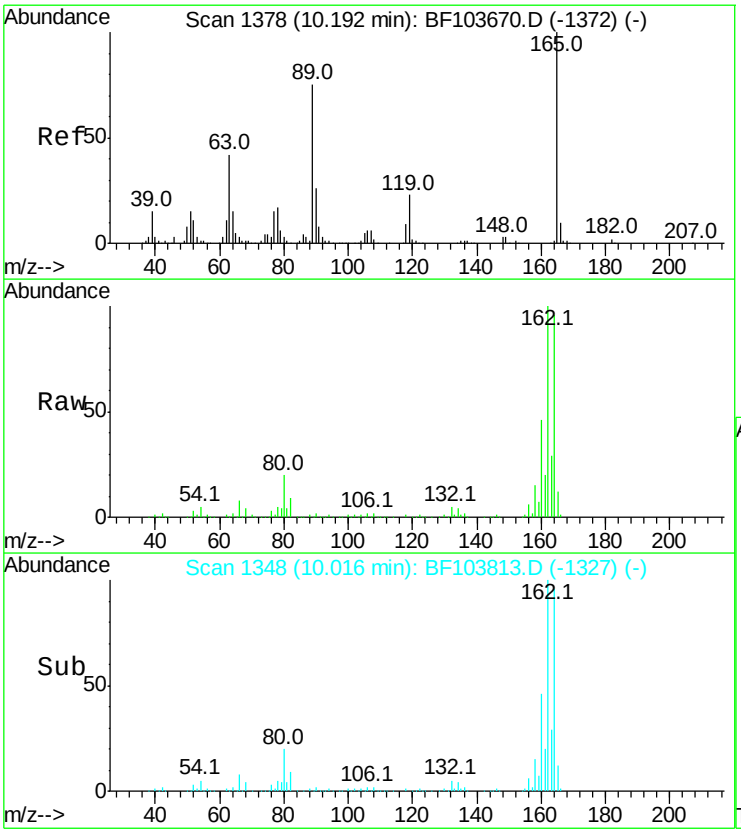
#55
4-Nitrophenol
Concen: 5.194 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 981

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

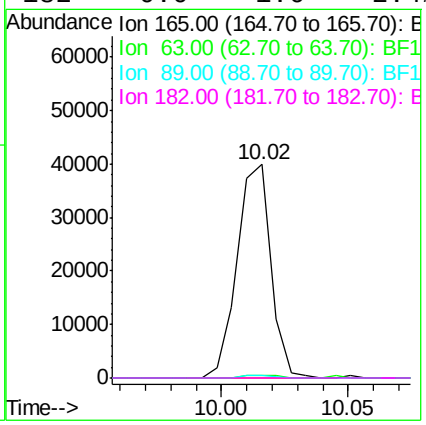


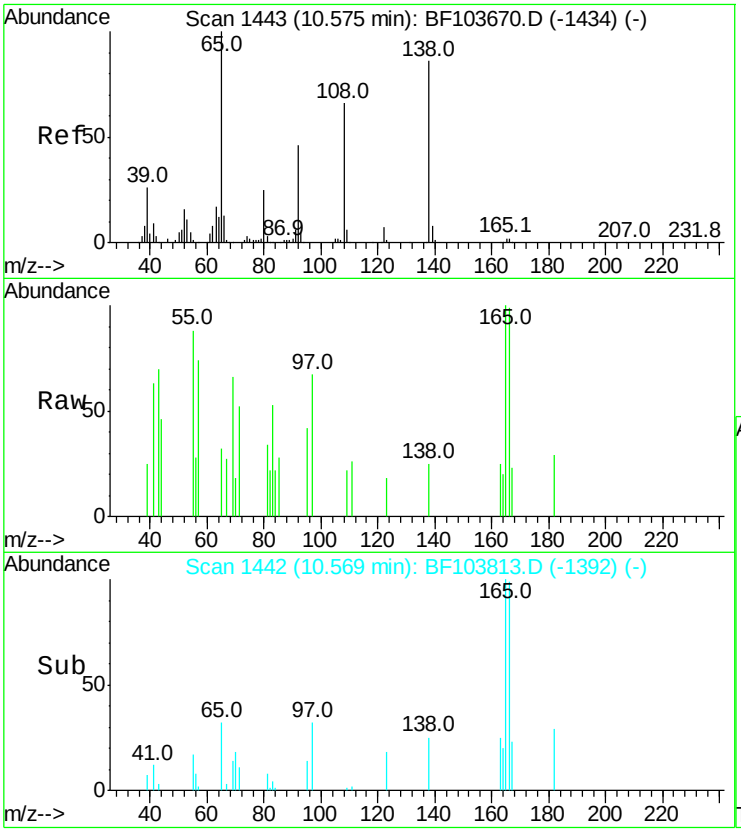


#56
2,4-Dinitrotoluene
Concen: 12.076 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.18 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:165 Resp: 37051

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



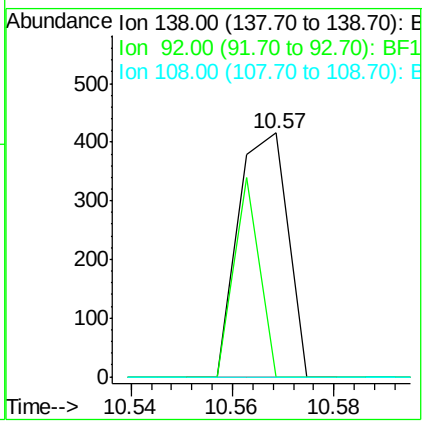


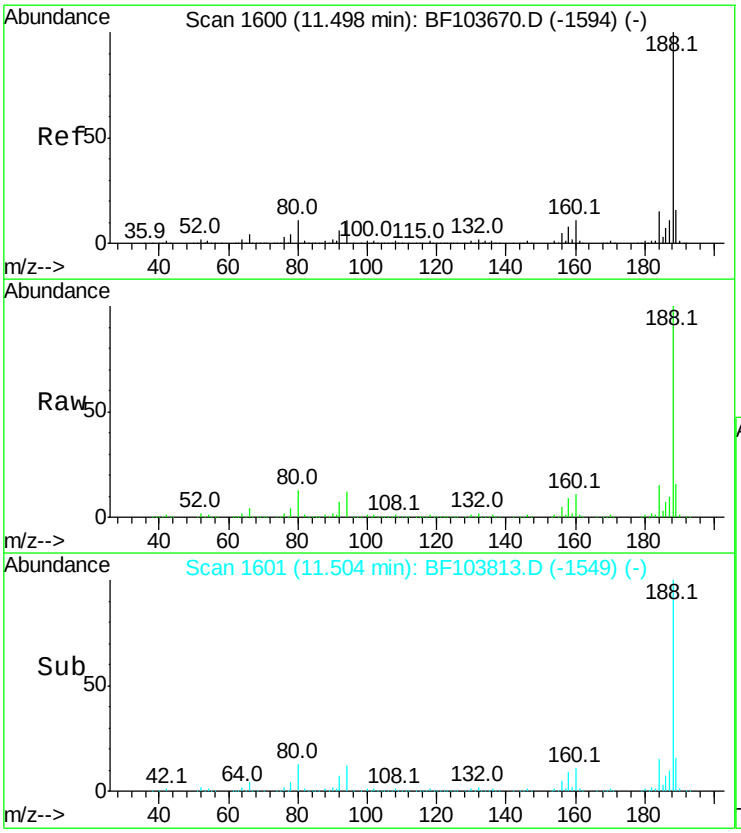
#61
4-Nitroaniline
Concen: 3.801 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 280

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

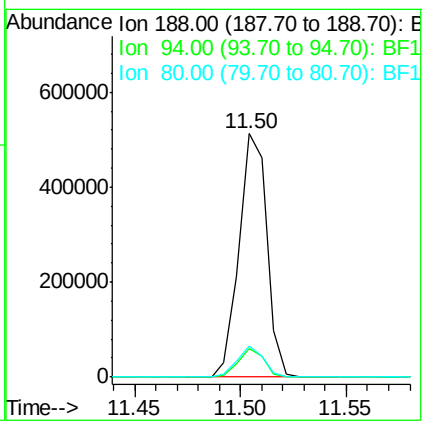


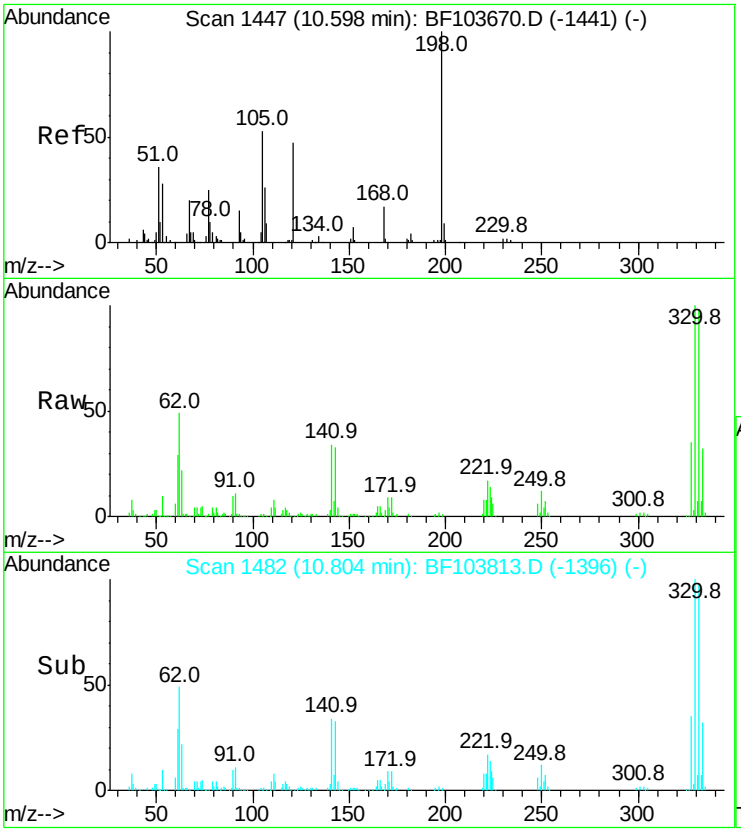


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:188 Resp: 467707

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.7	9.2	13.8



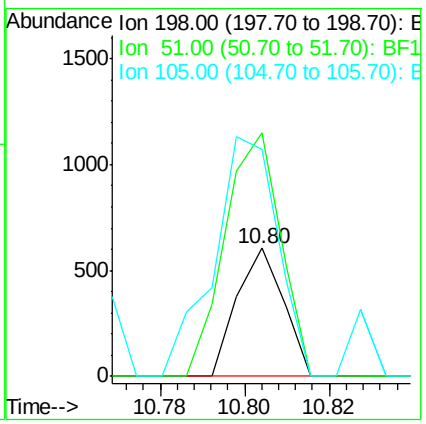


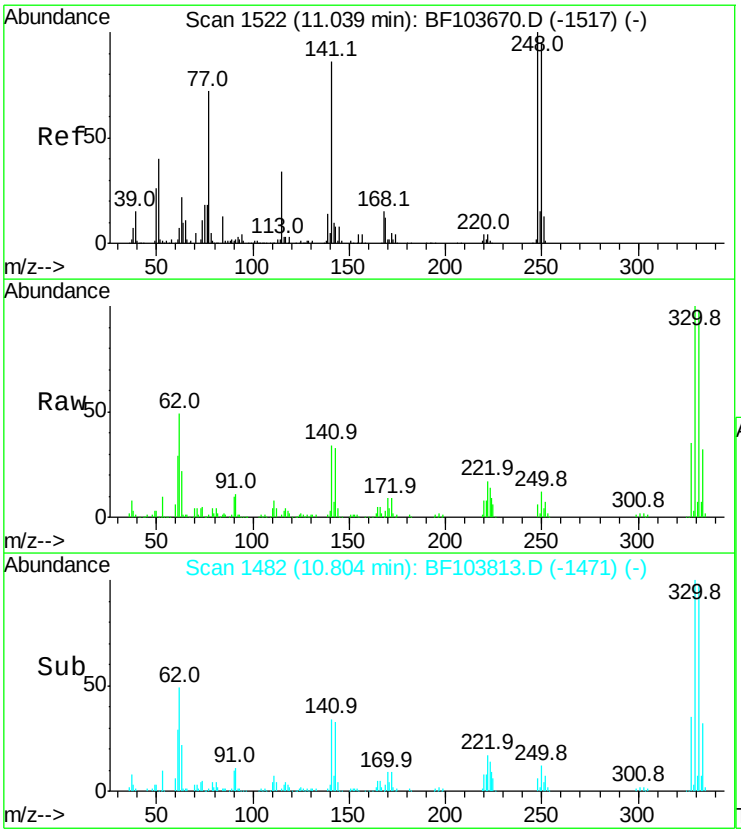
#64
4,6-Dinitro-2-methylphenol
Concen: 8.412 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 461

Ion	Ratio	Lower	Upper
198	100		
51	190.2	37.7	77.7#
105	177.3	36.3	76.3#

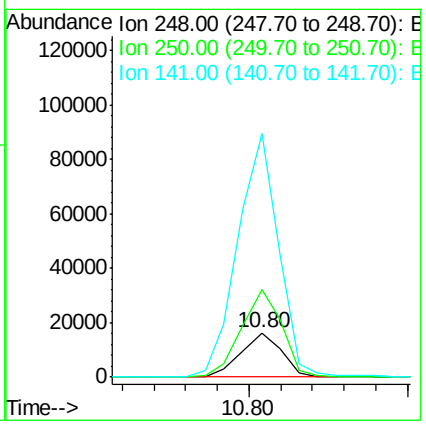


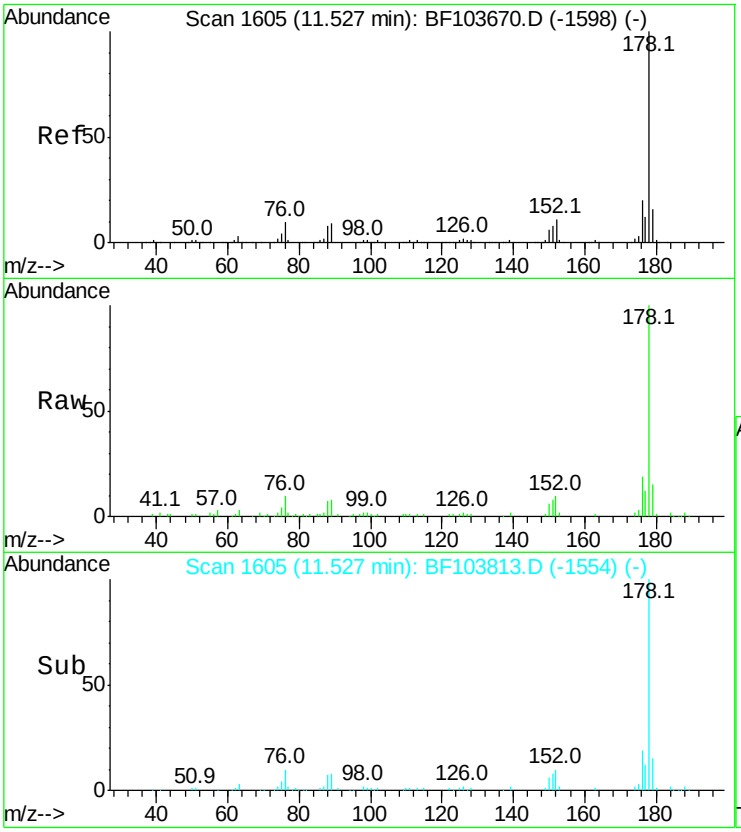


#66
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:248 Resp: 14248

Ion	Ratio	Lower	Upper
248	100		
250	197.7	76.9	115.3#
141	553.0	74.4	111.6#



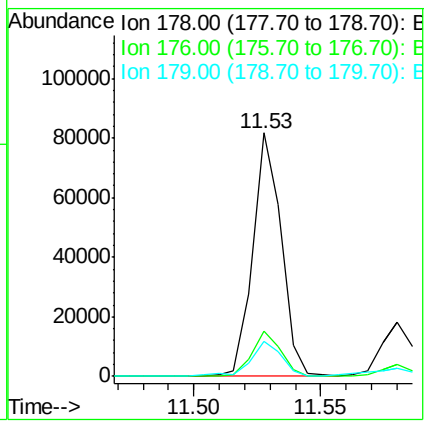


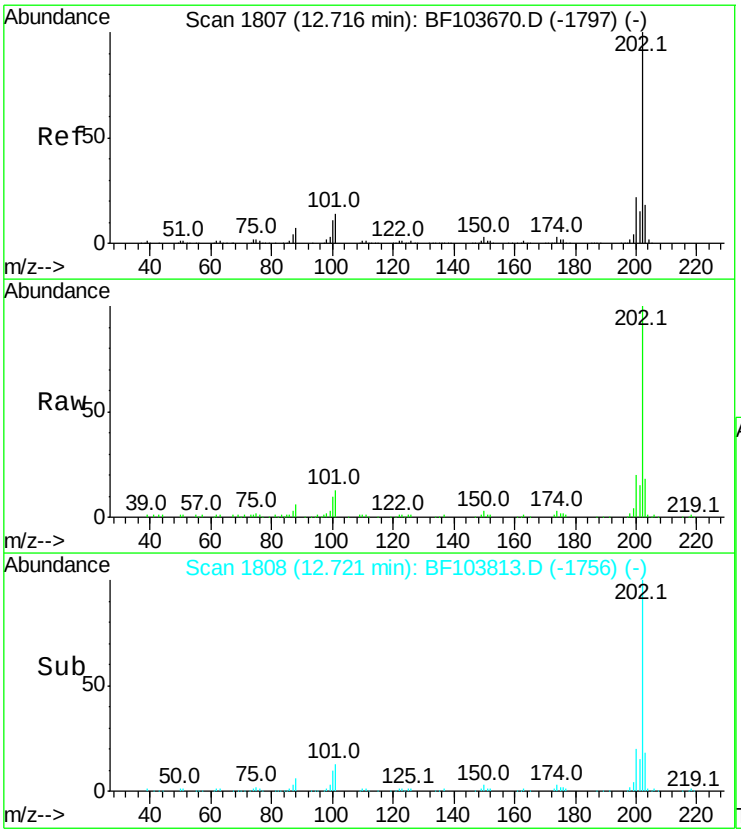
#70
Phenanthrene
Concen: 2.511 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64240

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	13.0	19.6

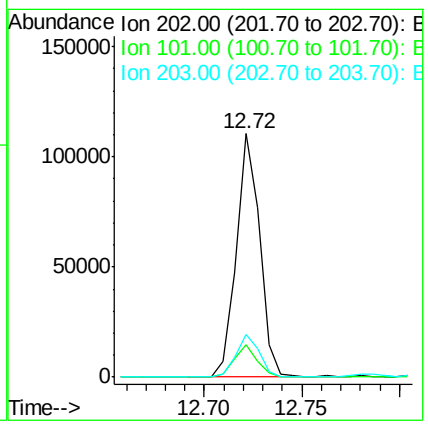


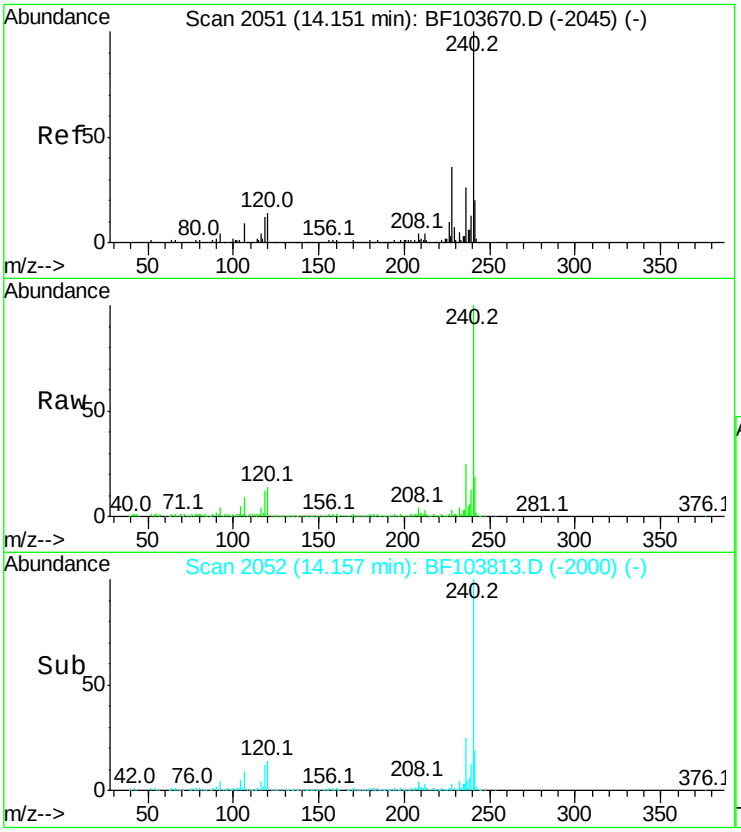


#74
Fluoranthene
Concen: 3.484 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:202 Resp: 91822

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1



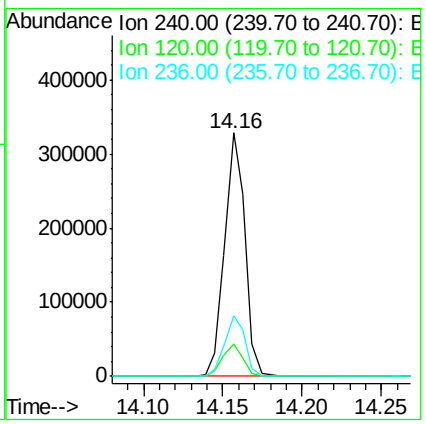


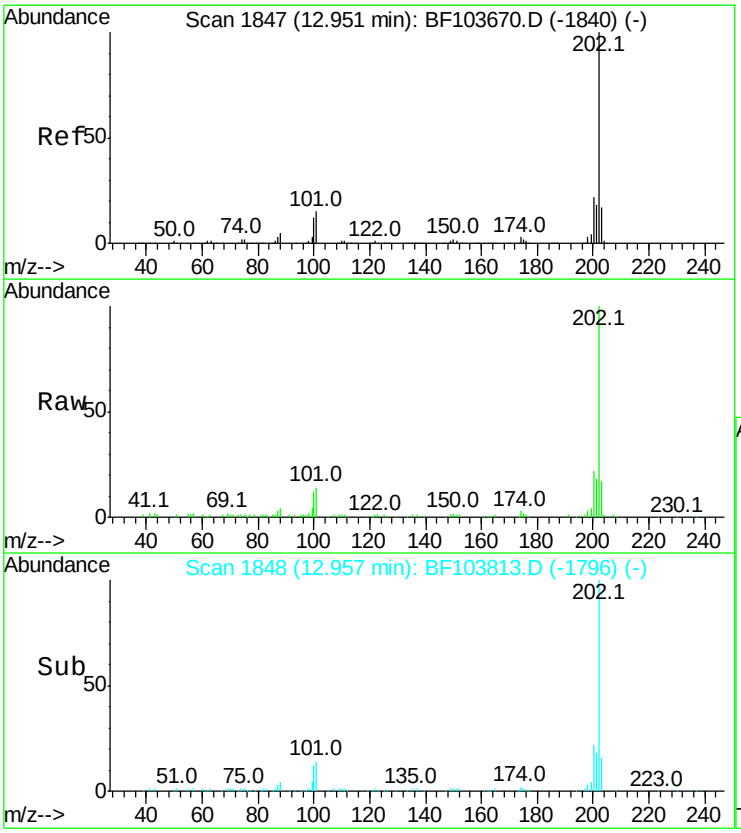
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 291726

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	24.8	20.7	31.1

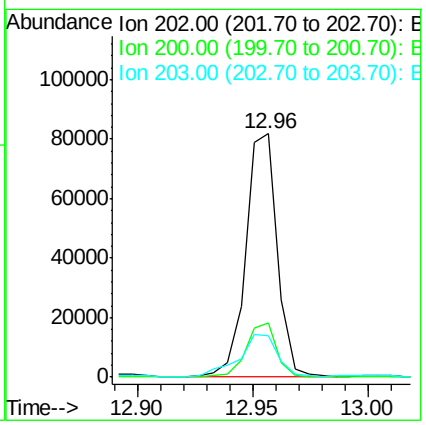


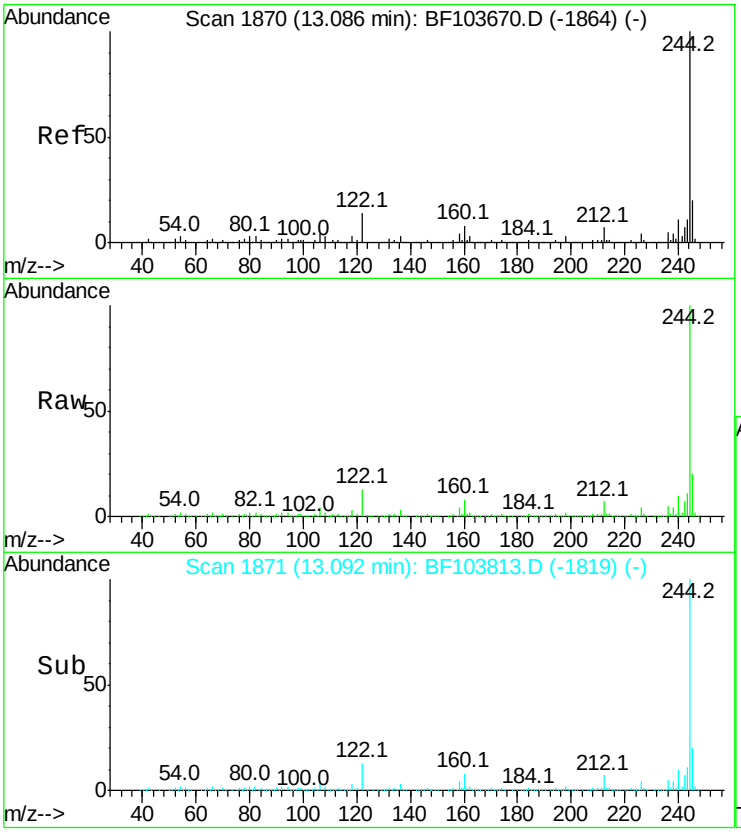


#77
Pyrene
Concen: 3.658 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:202 Resp: 78359

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	16.8	14.3	21.5



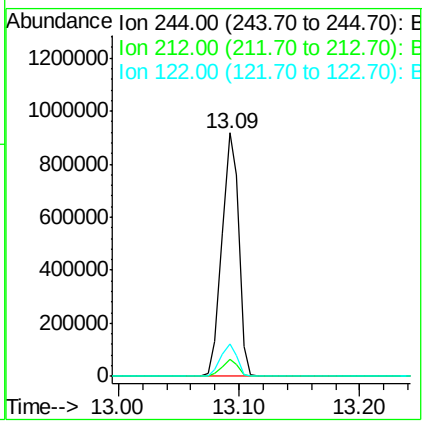


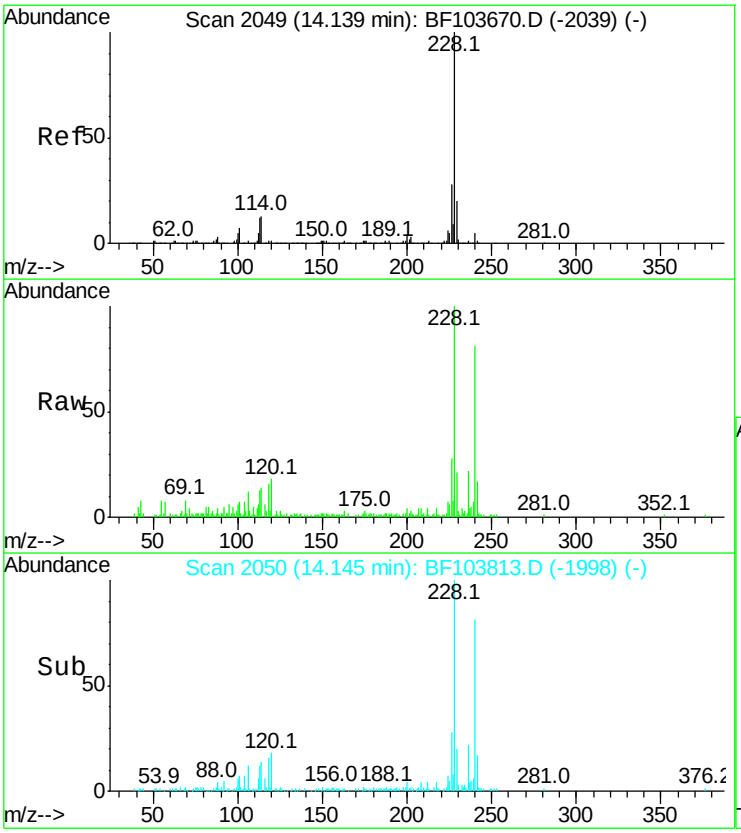
#78
Terphenyl-d14
Concen: 69.745 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 876572

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4

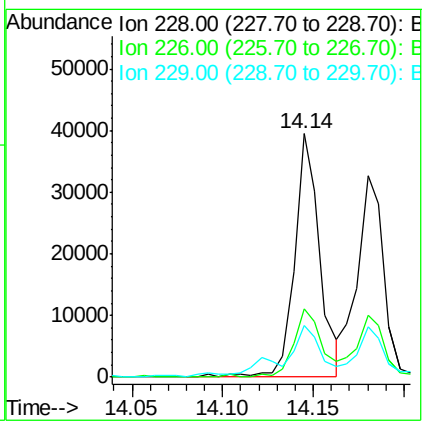


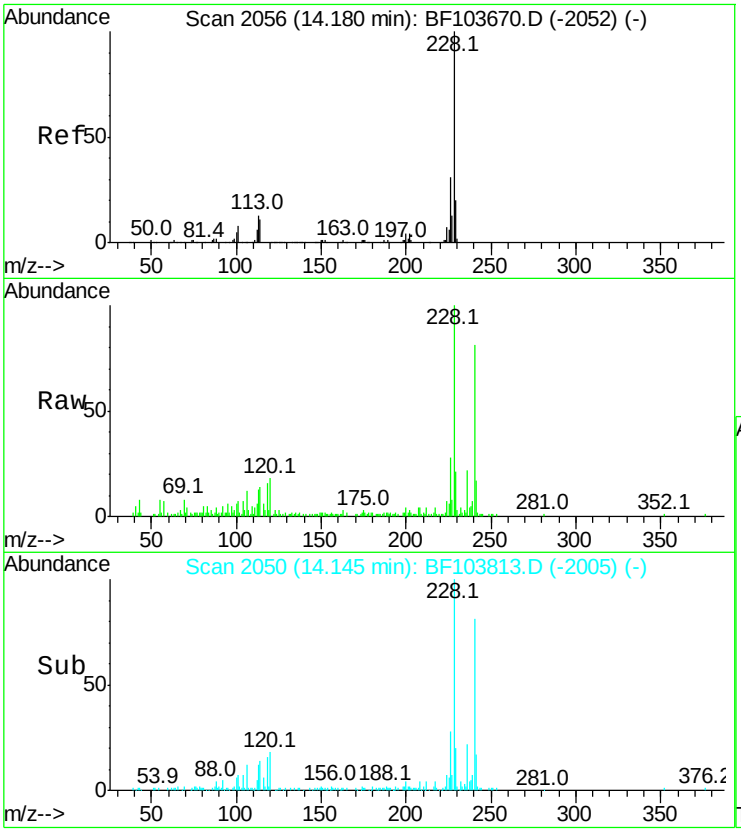


#80
Benzo(a)anthracene
Concen: 2.090 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:228 Resp: 38596

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.0	15.8	23.6



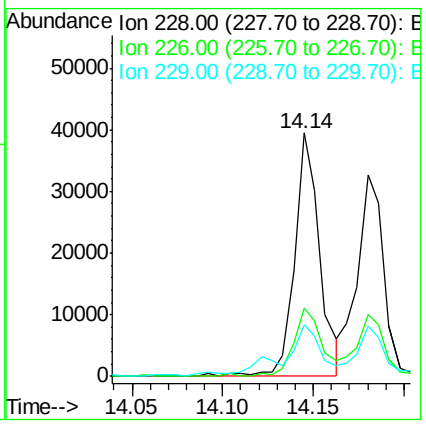


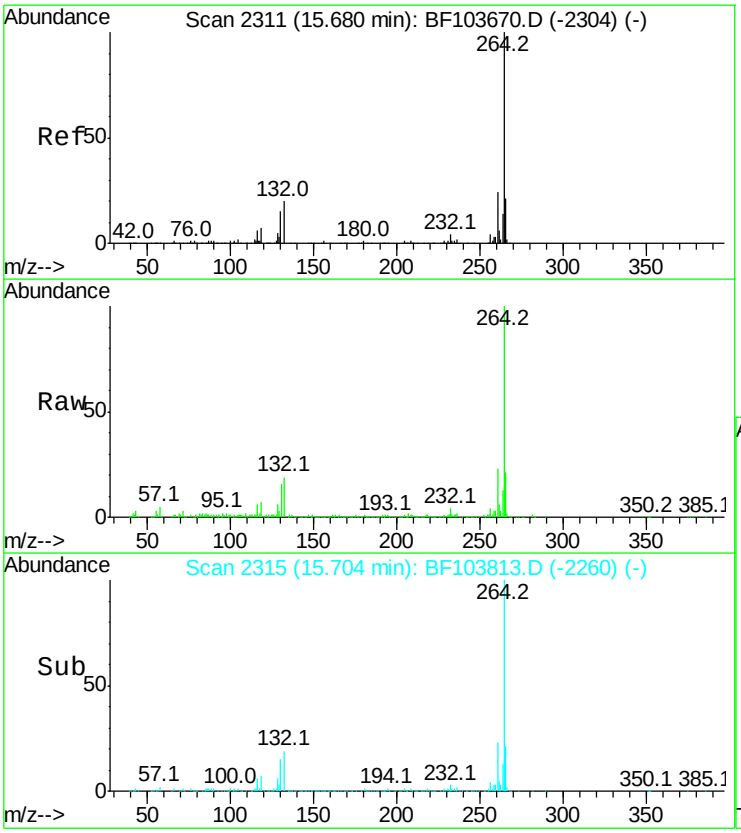
#82
Chrysene
Concen: 2.193 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.04 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38596

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	21.0	16.2	24.4

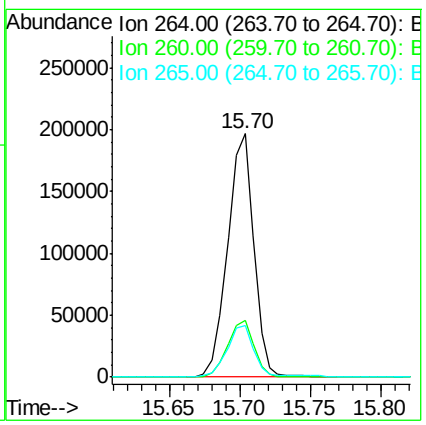


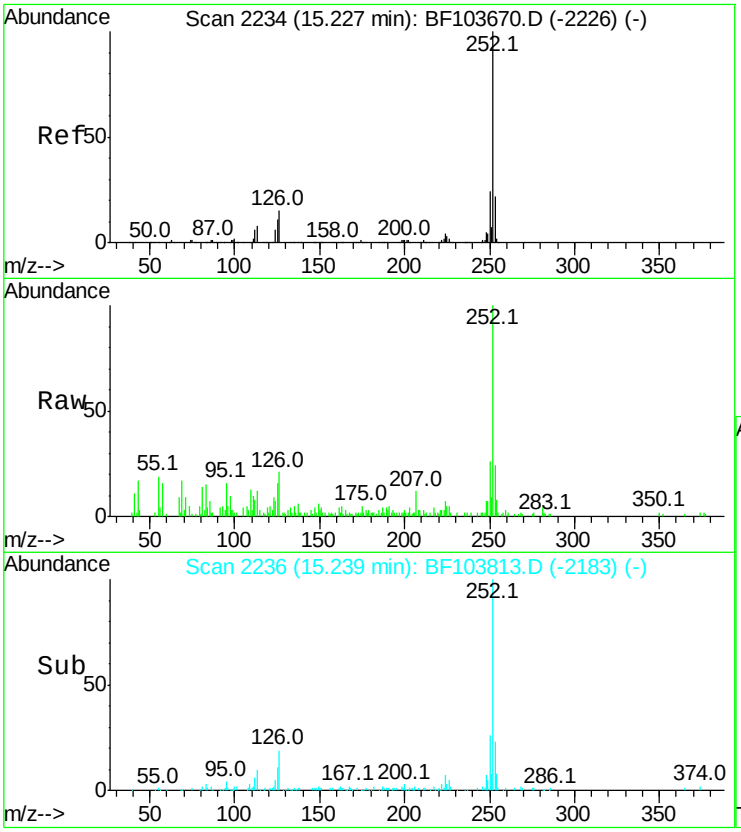


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:264 Resp: 254548

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3



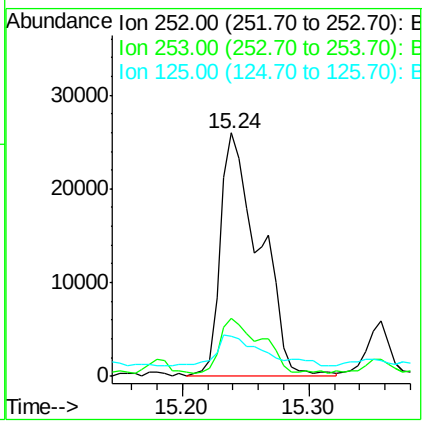


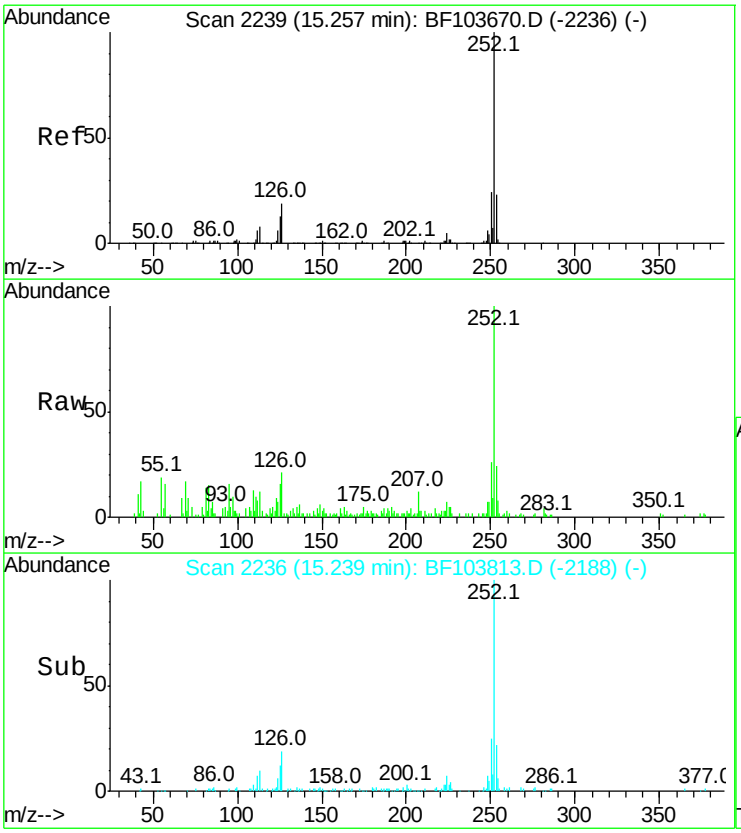
#87
Benzo(b)fluoranthene
Concen: 3.467 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55755

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	16.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.607 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103813.D
Acq: 20 Mar 2018 20:10

Tgt Ion:252 Resp: 55755

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	16.4	10.2	15.2#