Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103805.D
Acq On : 20 Mar 2018 16:39
Operator : JU/SJ
Sample : J1982-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 00:55:29 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	152022	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	570837	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	269837	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	404554	20.00	ng		0.00
75) Chrysene-d12	14.16	240	286263	20.00	ng		0.01
86) Perylene-d12	15.70	264	237063	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	772122	77.25	ng		0.01
7) Phenol-d6	6.59	99	1009233	82.53	ng		0.00
23) Nitrobenzene-d5	7.53	82	559308	68.33	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	190307	82.03	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1023595	60.51	ng		0.00
78) Terphenyl-d14	13.10	244	806100	65.36	ng		0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	76390	9.748	ng	#	73
25) Isophorone	7.53	82	559299	29.515	ng	#	64
32) Benzoic acid	7.94	122	532	9.979	ng		92
37) 2-Methylnaphthalene	8.96	142	64782	3.543	ng		97
47) 2-Nitroaniline	9.52	65	802	6.961	ng	#	2
48) Acenaphthylene	9.87	152	61785	2.229	ng		99
49) Dimethylphthalate	9.72	163	109168	5.303	ng		100
50) 2,6-Dinitrotoluene	9.72	165	2953	4.664	ng	#	27
52) 3-Nitroaniline	9.96	138	107	3.835	ng	#	2
53) 2,4-Dinitrophenol	10.04	184	509	7.279	ng	#	1
55) 4-Nitrophenol	10.11	139	2634	5.625	ng	#	55
56) 2,4-Dinitrotoluene	10.18	165	1248	6.429	ng	#	55
57) Fluorene	10.56	166	63172	3.464	ng		99
61) 4-Nitroaniline	10.72	138	527	3.855	ng		90
64) 4,6-Dinitro-2-methylphenol	10.80	198	304	8.341	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	11532	2.776	ng	#	1
70) Phenanthrene	11.53	178	407920	18.433	ng		99
71) Anthracene	11.58	178	59410	2.643	ng		100
74) Fluoranthene	12.73	202	203821	8.940	ng		98
77) Pyrene	12.96	202	322368	15.334	ng		99
80) Benzo(a)anthracene	14.15	228	113478	6.262	ng	#	87
82) Chrysene	14.19	228	115356	6.678	ng		97
87) Benzo(b)fluoranthene	15.24	252	91667	6.120	ng	#	80
88) Benzo(k)fluoranthene	15.24	252	91667	6.367	ng	#	83
89) Benzo(a)pyrene	15.63	252	73829	5.435	ng	#	88
91) Benzo(g,h,i)perylene	17.76	276	33799	2.954	ng	#	90

(#) = 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 : BF103805.D
Acq On : 20 Mar 2018 16:39
Operator : JU/SJ
Sample : J1982-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 00:55:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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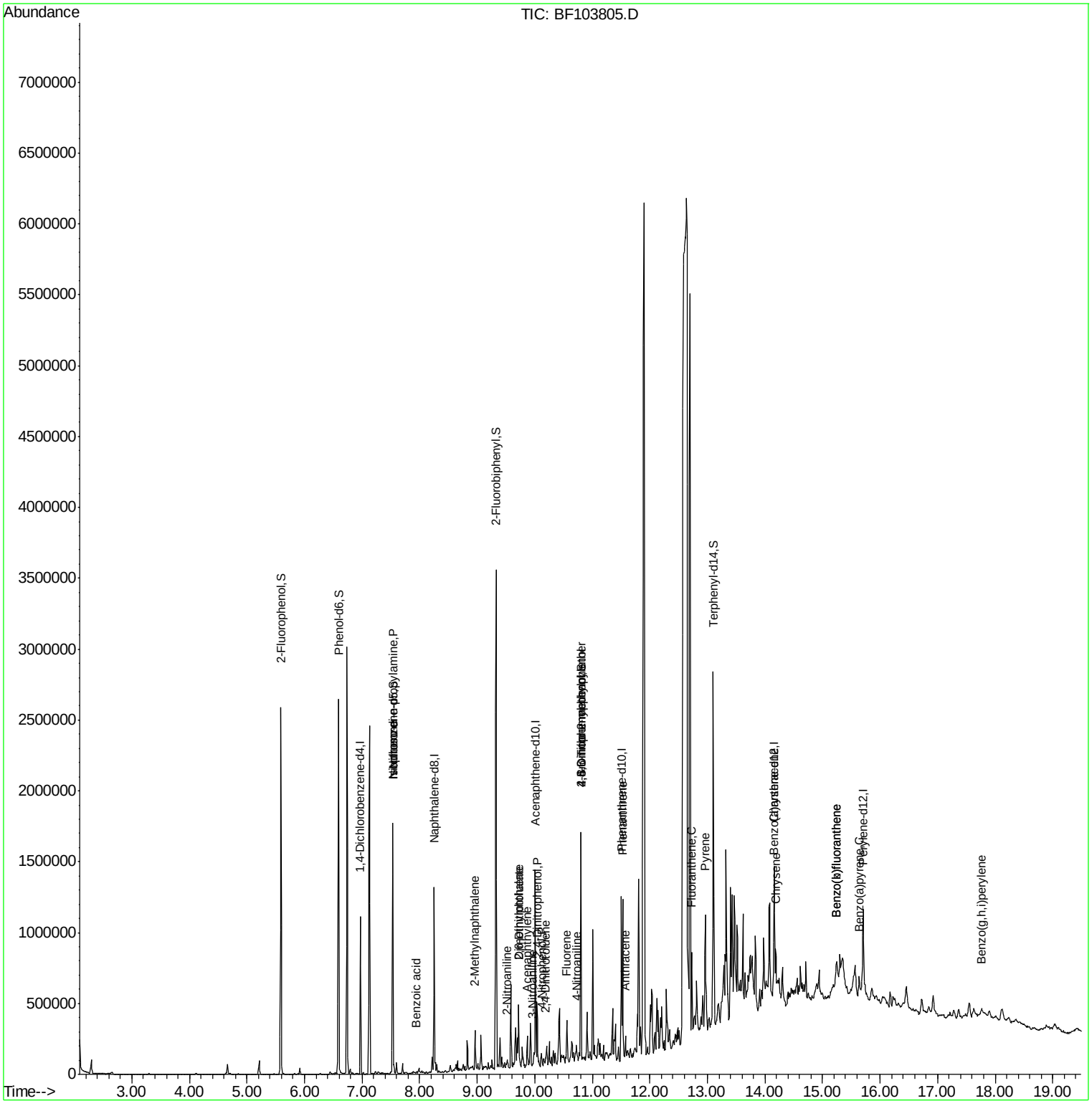
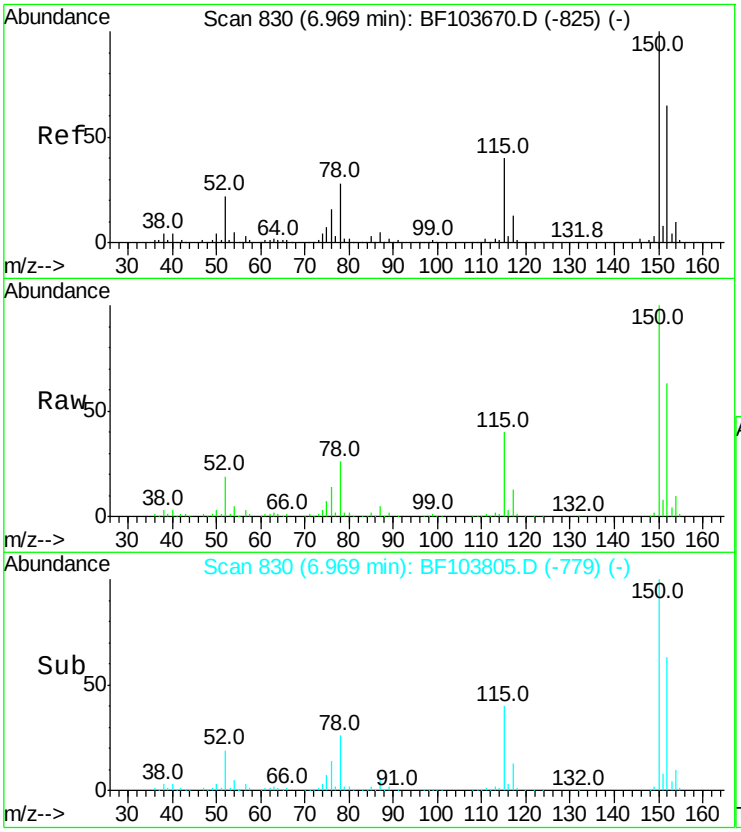
Response via : Initial Calibration



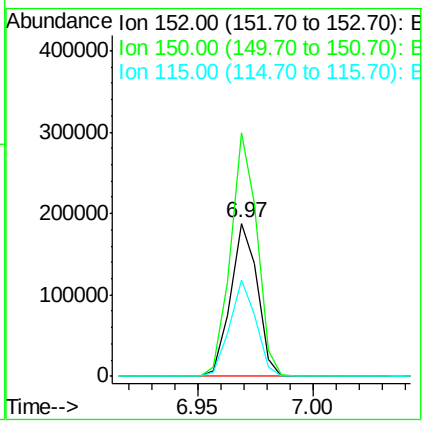


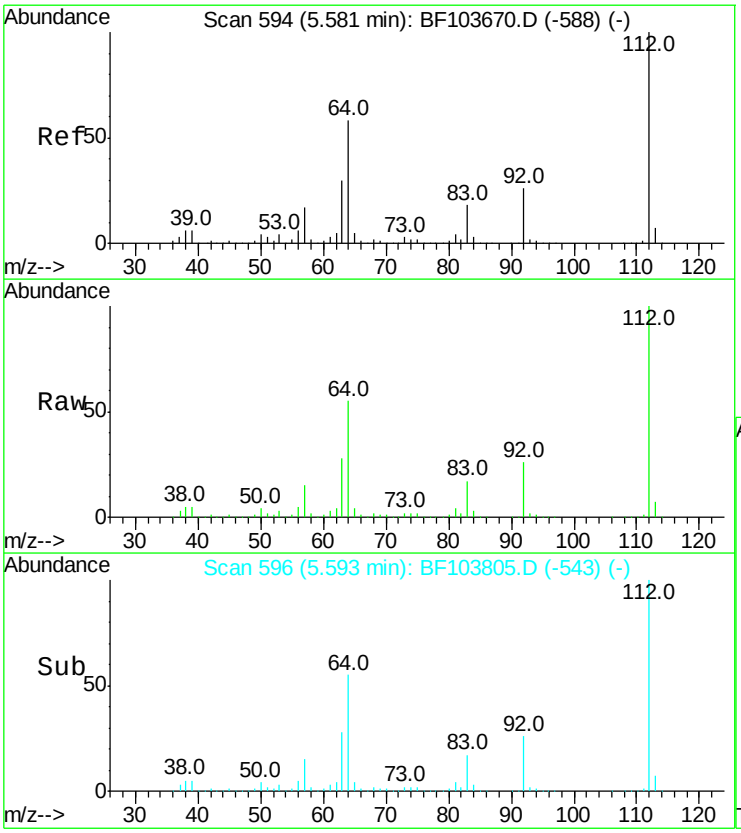
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152022

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	62.9	50.1	75.1

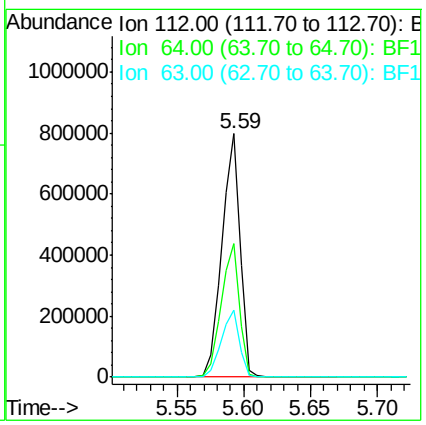


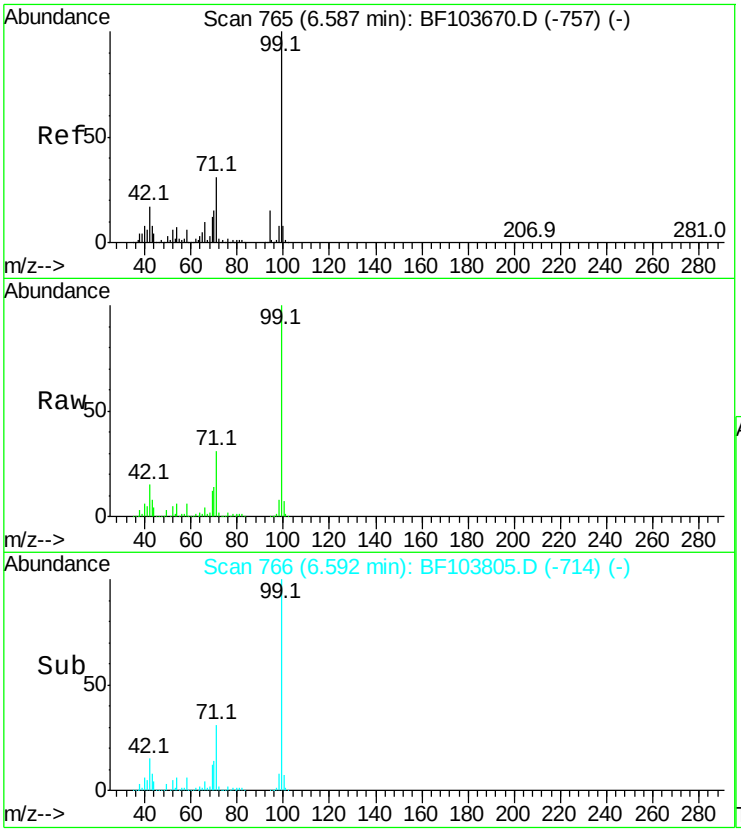


#5
2-Fluorophenol
Concen: 77.252 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:112 Resp: 772122

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	27.8	23.7	35.5



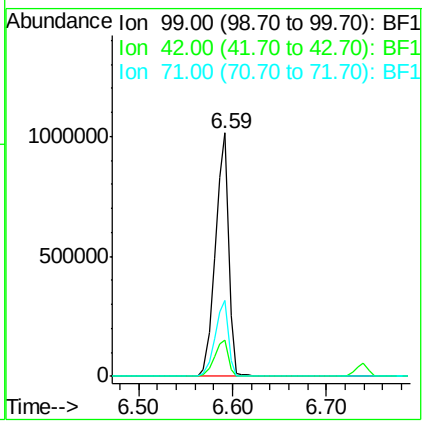


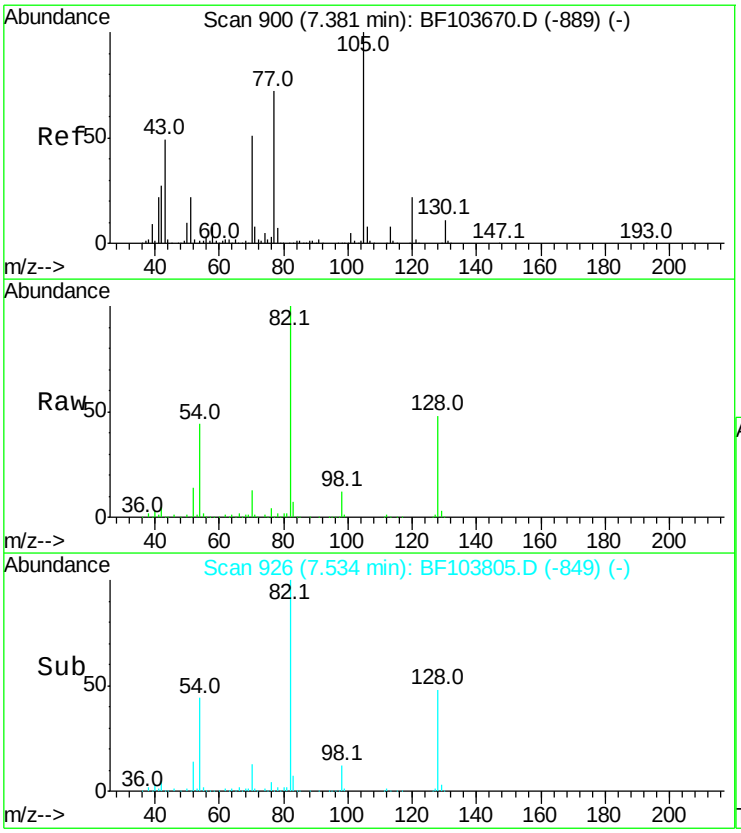
#7
Phenol-d6
Concen: 82.534 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1009233

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	31.2	25.4	38.0

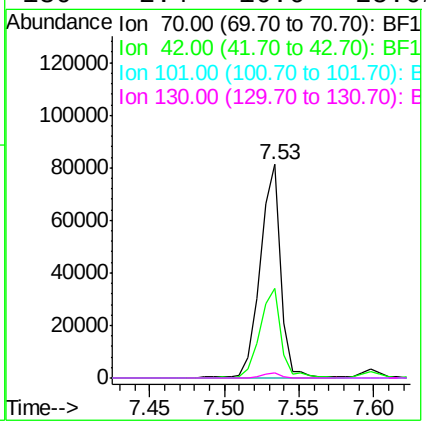


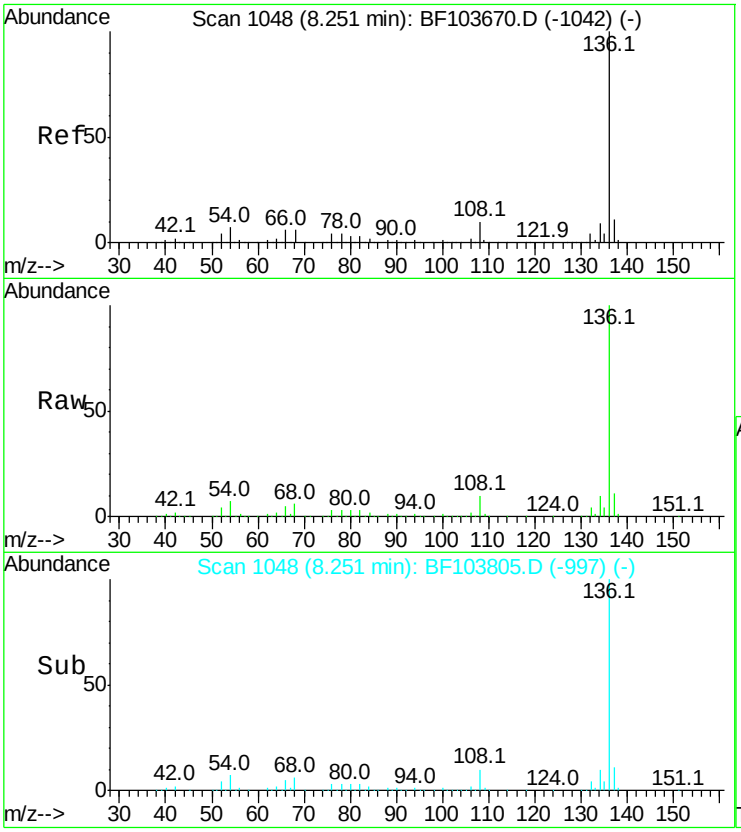


#19
n-Nitroso-di-n-propylamine
Concen: 9.748 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion: 70 Resp: 76390

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



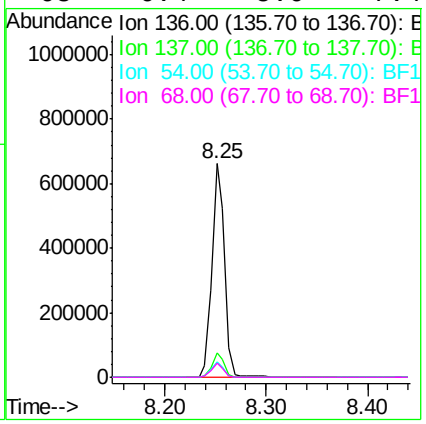


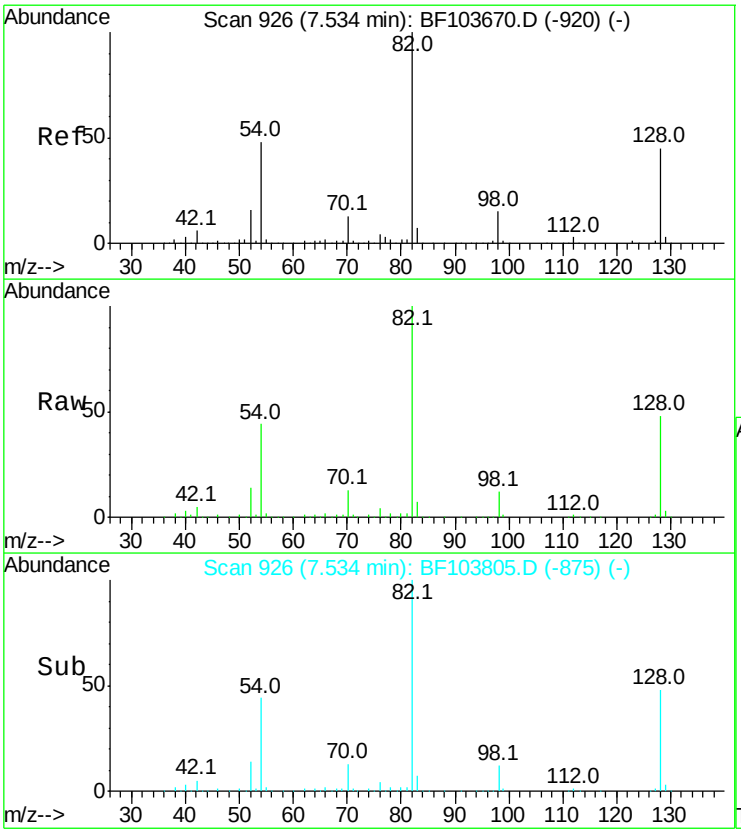
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 570837

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4

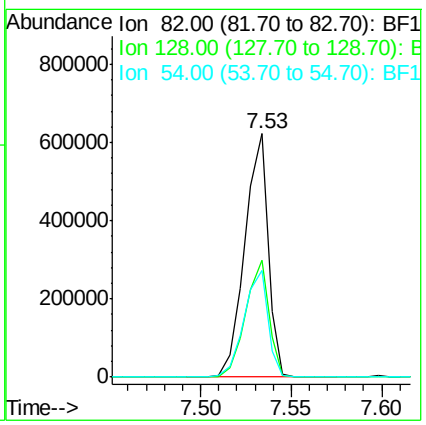


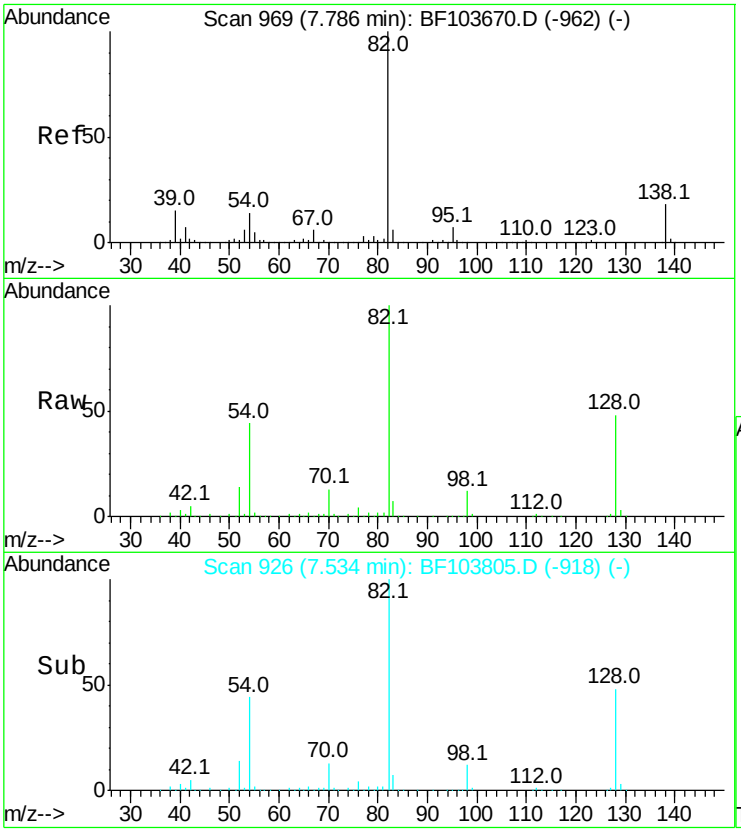


#23
Nitrobenzene-d5
Concen: 68.327 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion: 82 Resp: 559308

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	43.7	41.4	62.2



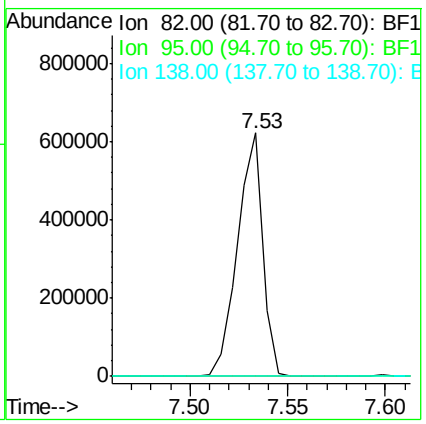


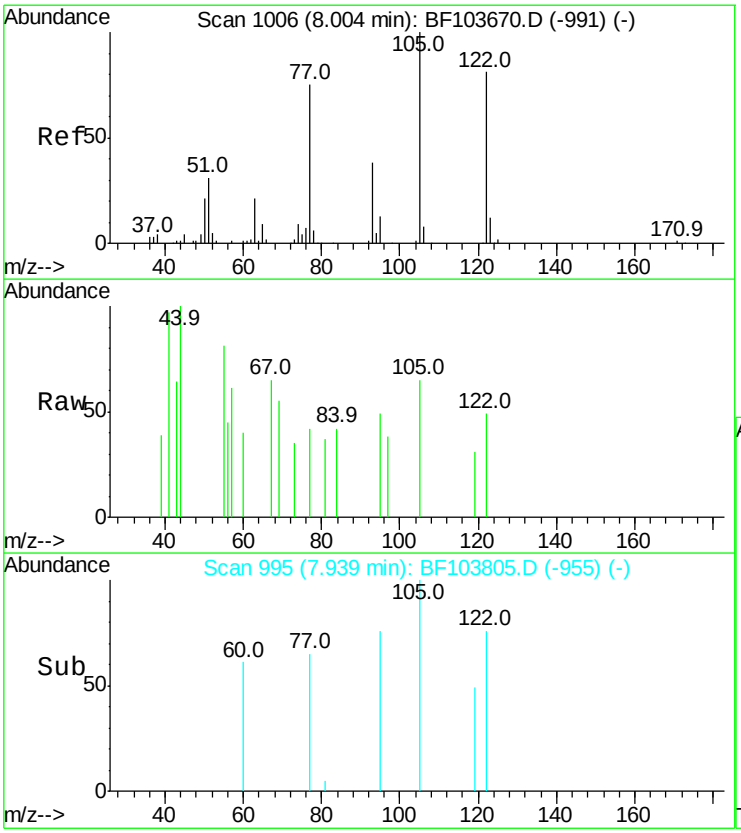
#25
Isophorone
Concen: 29.515 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 559299

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

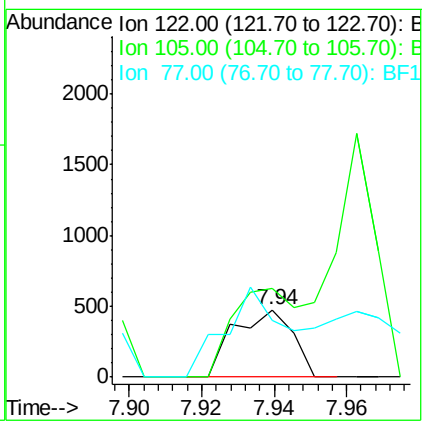


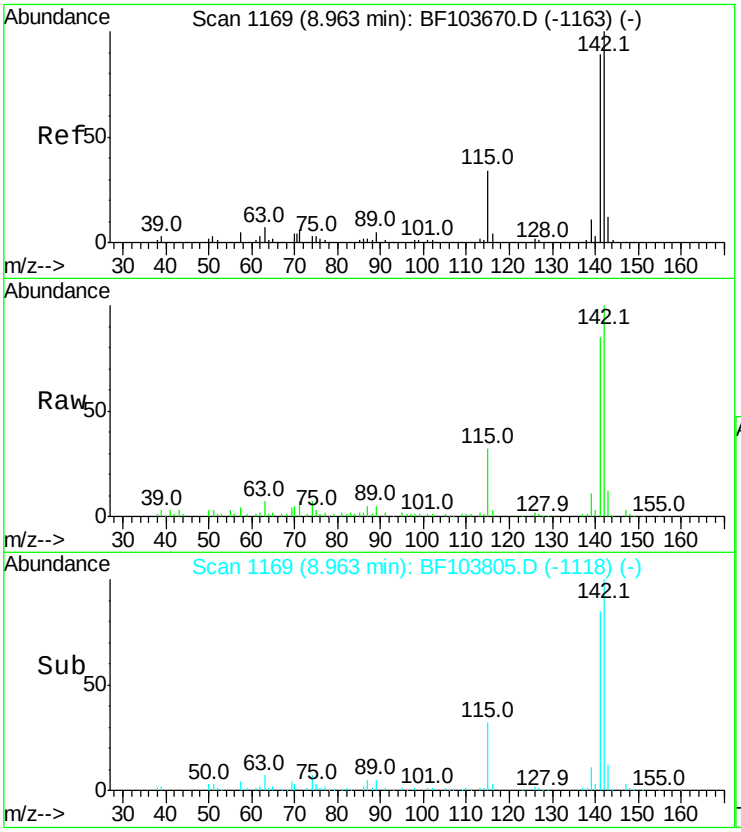


#32
Benzoic acid
Concen: 9.979 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.06 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:122 Resp: 532

Ion	Ratio	Lower	Upper
122	100		
105	131.1	101.1	141.1
77	85.1	70.7	110.7



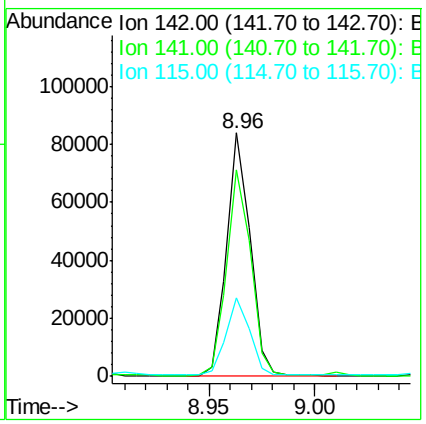


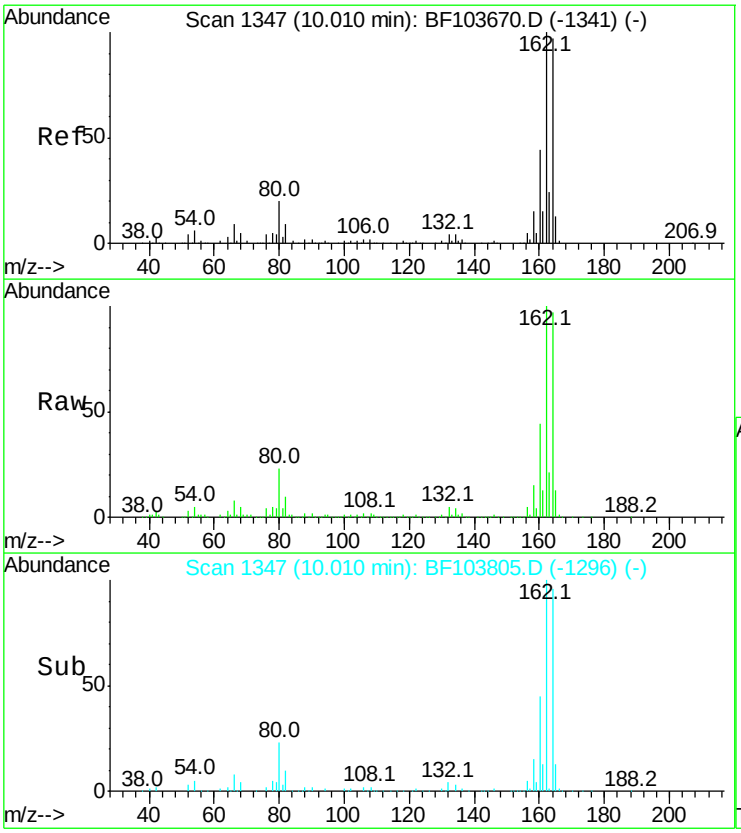
#37
2-Methylnaphthalene
Concen: 3.543 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 64782

Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.8	106.2
115	32.4	26.1	39.1

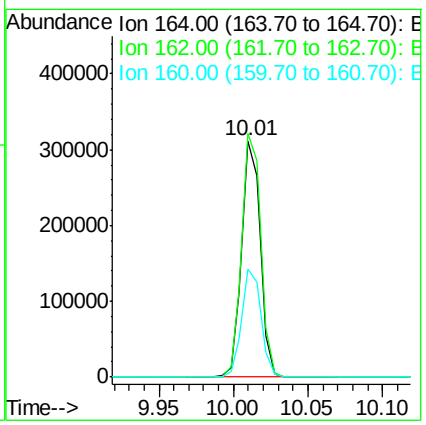


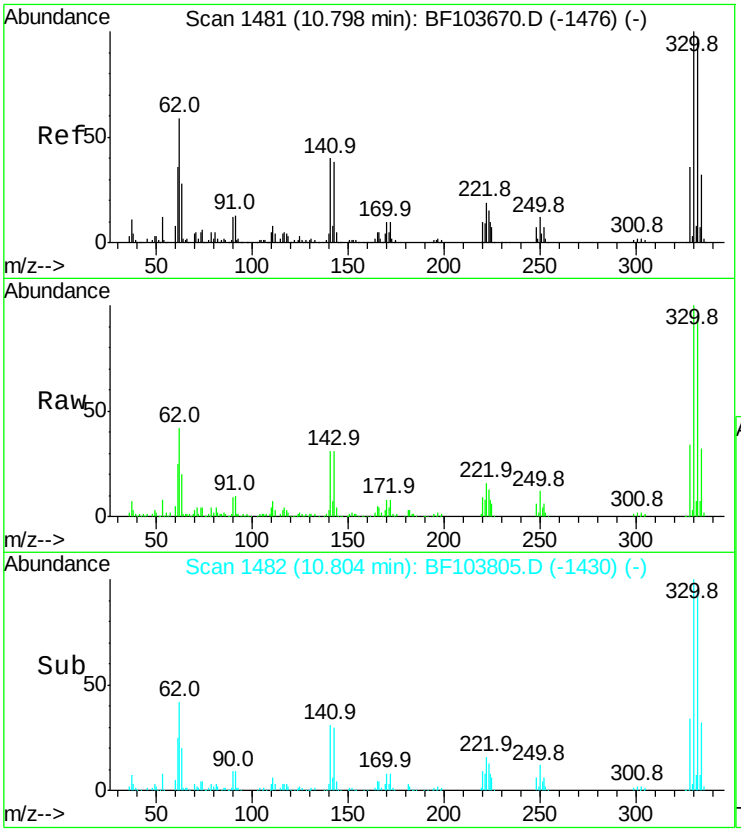


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:164 Resp: 269837

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.8	38.3	57.5



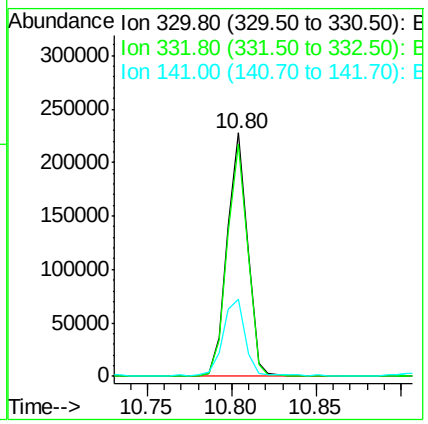


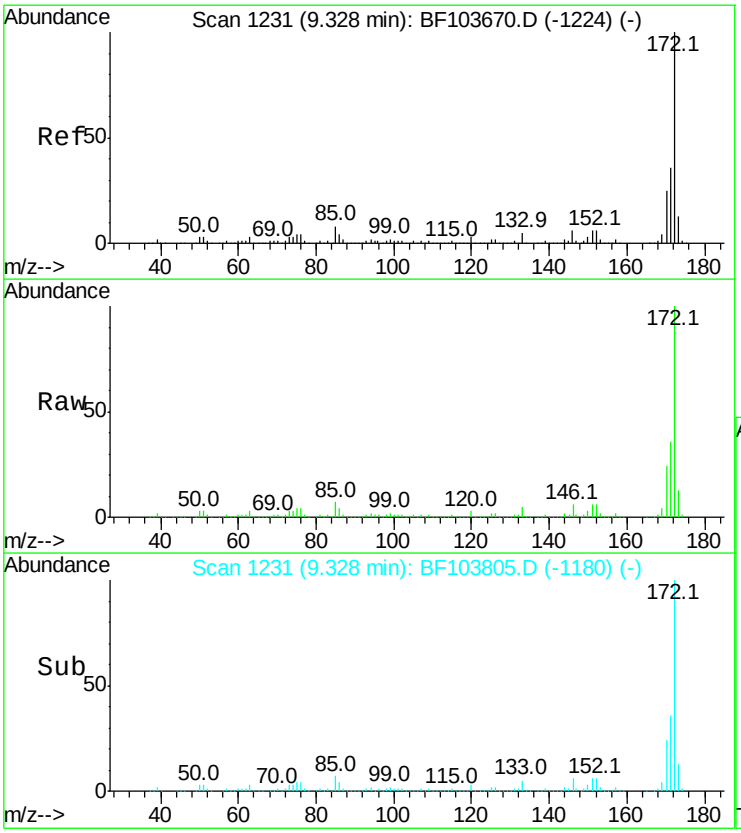
#41
2,4,6-Tribromophenol
Concen: 82.026 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 190307

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.1	29.9	44.9

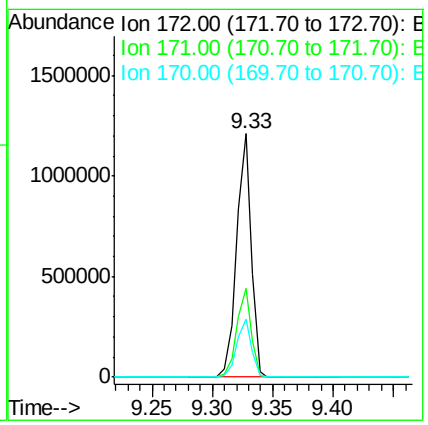


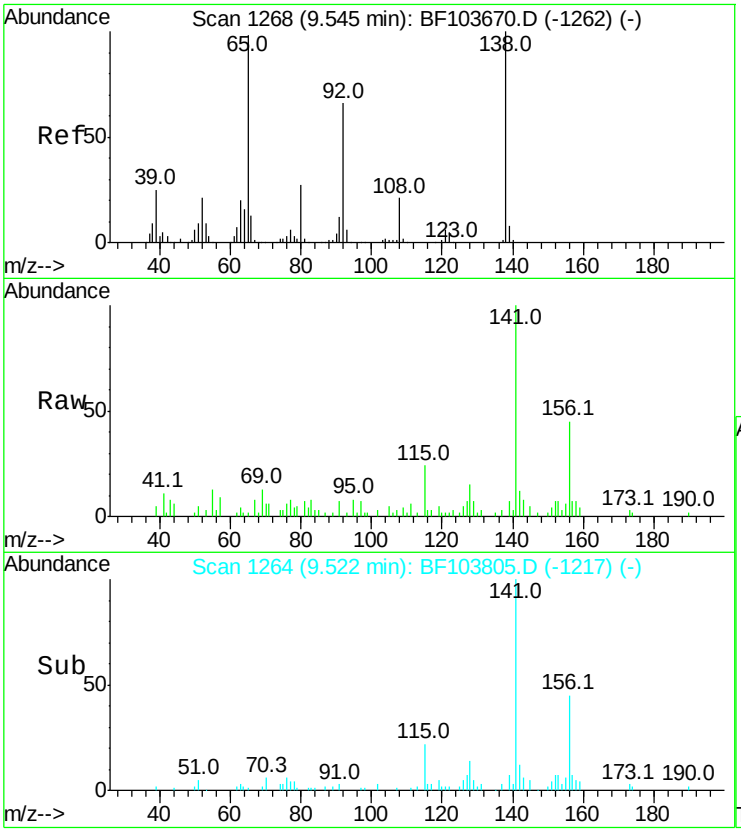


#44
2-Fluorobiphenyl
Concen: 60.510 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:172 Resp: 1023595

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



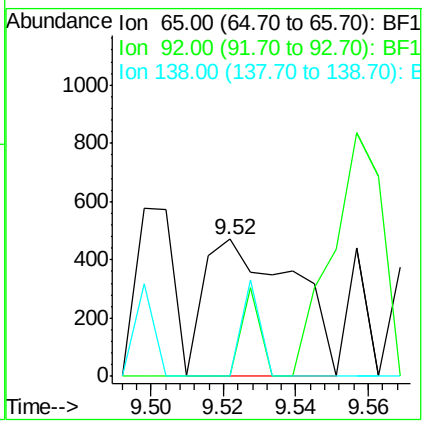


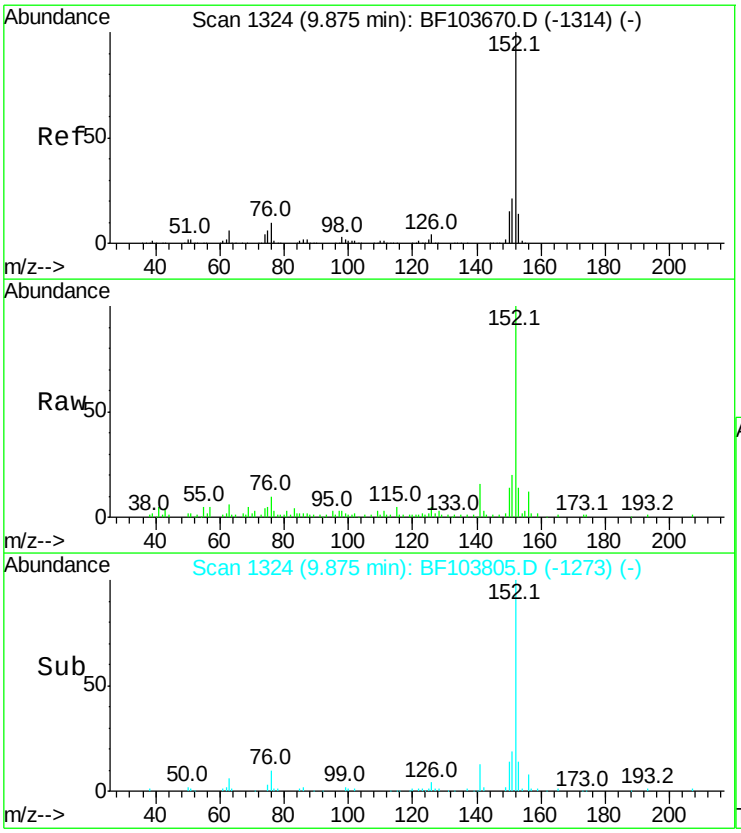
#47
2-Nitroaniline
Concen: 6.961 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 802

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

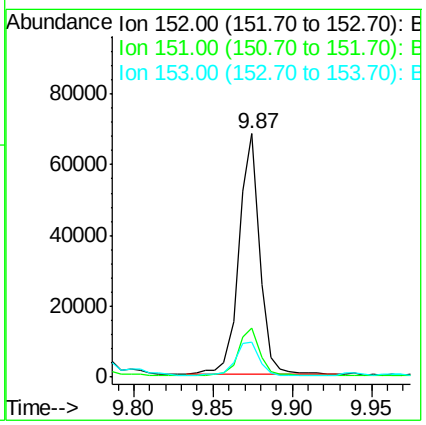


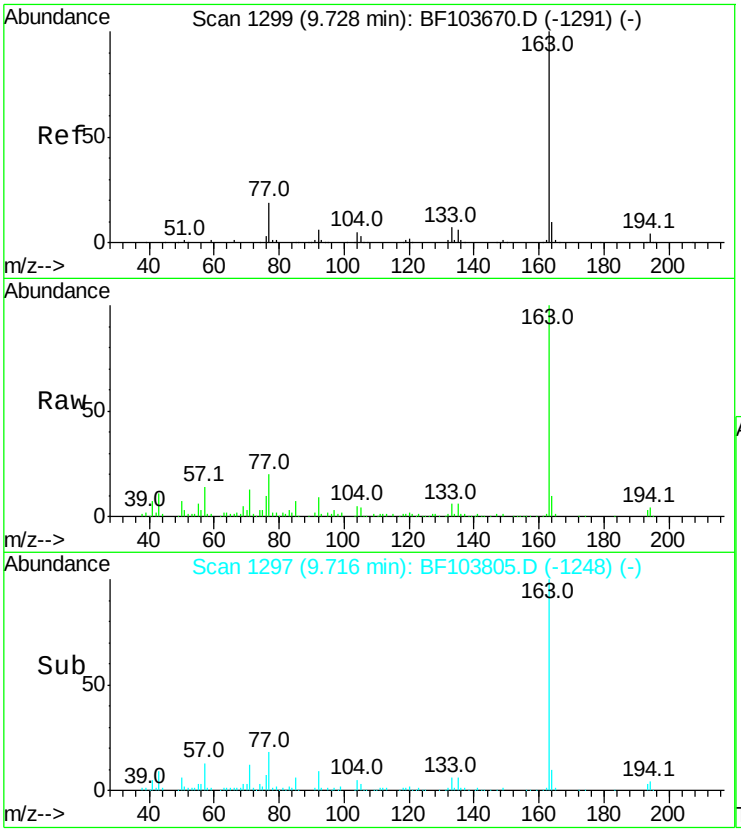


#48
Acenaphthylene
Concen: 2.229 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:152 Resp: 61785

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	14.3	10.7	16.1



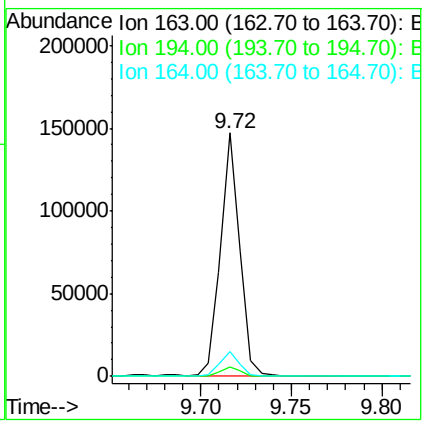


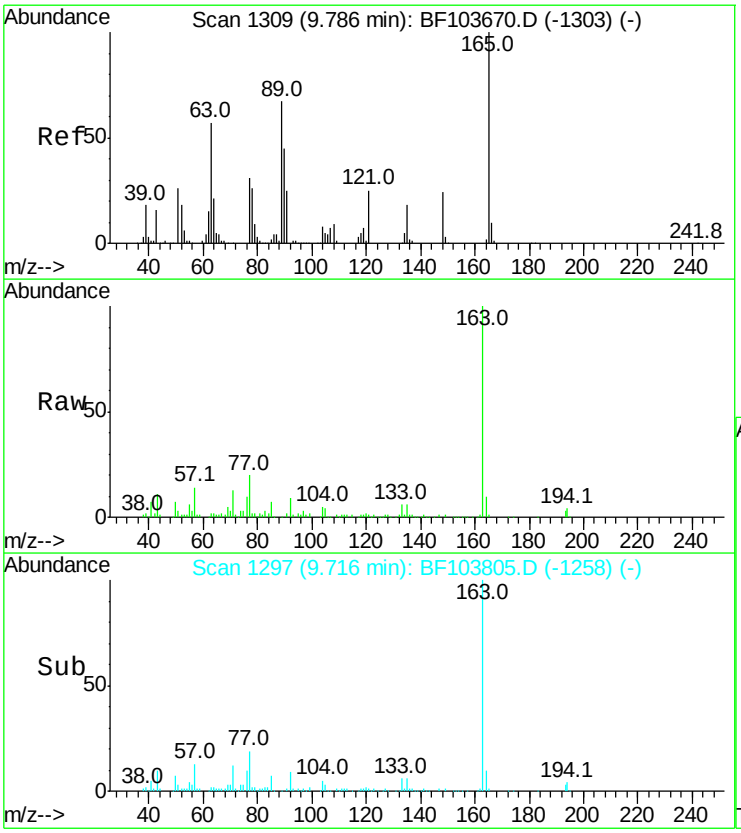
#49
Dimethylphthalate
Concen: 5.303 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 109168

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

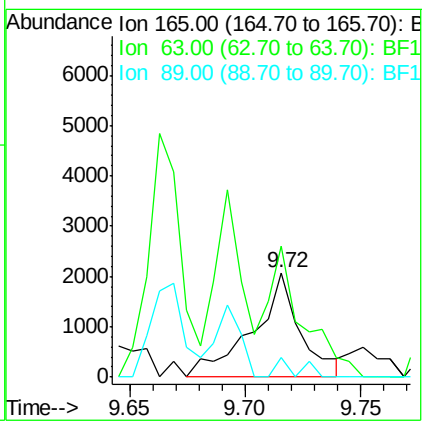


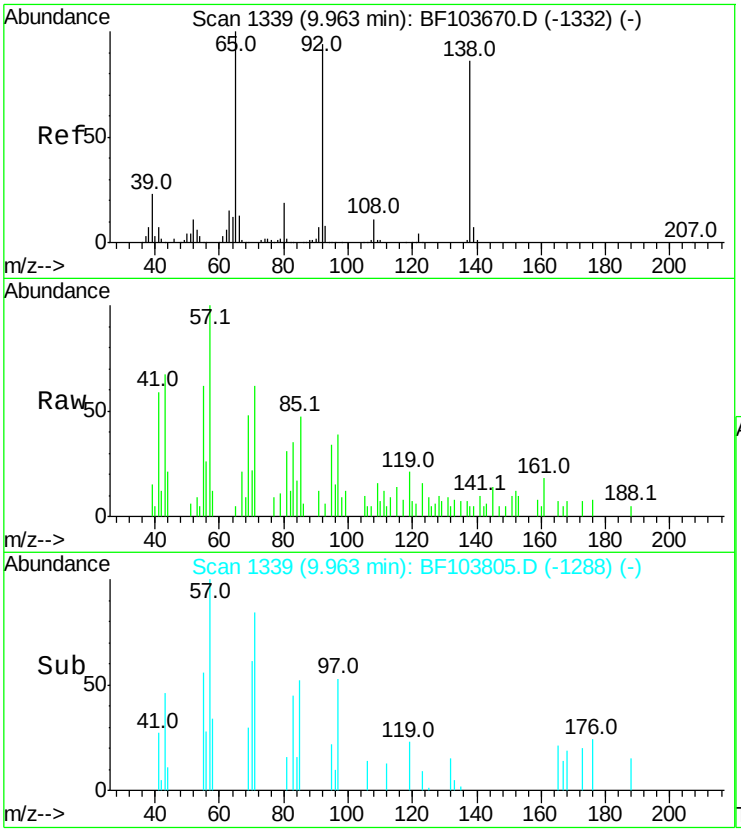


#50
2,6-Dinitrotoluene
Concen: 4.664 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:165 Resp: 2953

Ion	Ratio	Lower	Upper
165	100		
63	125.3	44.7	67.1#
89	18.6	44.0	66.0#



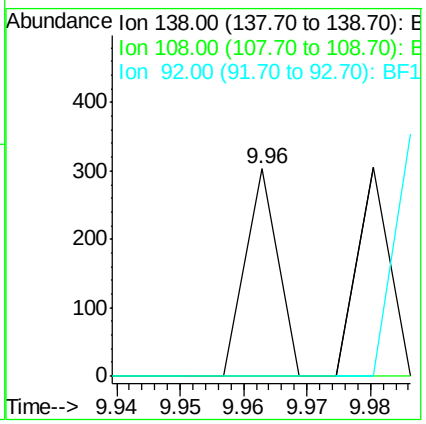


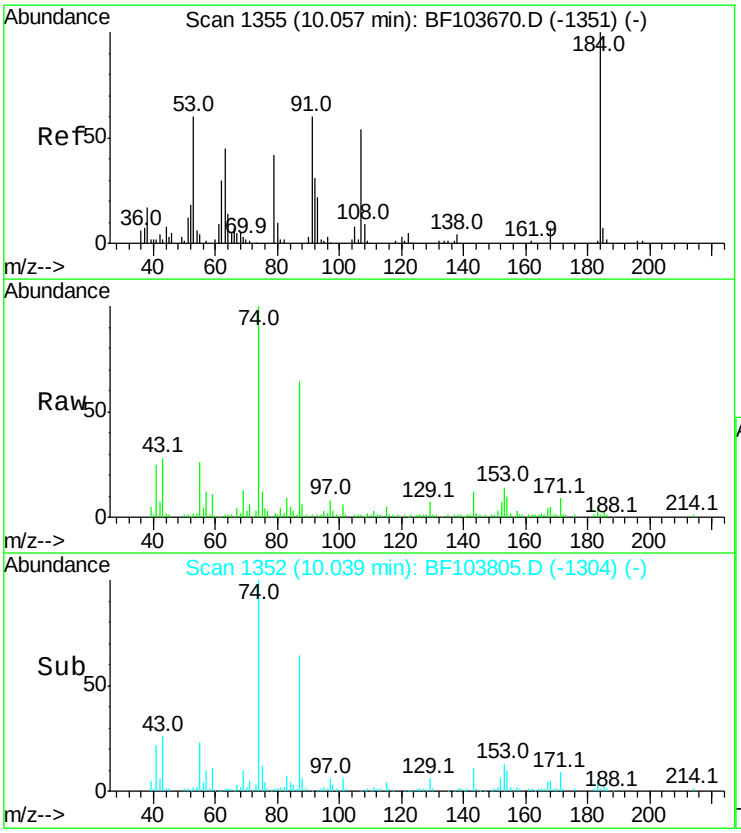
#52
3-Nitroaniline
Concen: 3.835 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 107

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

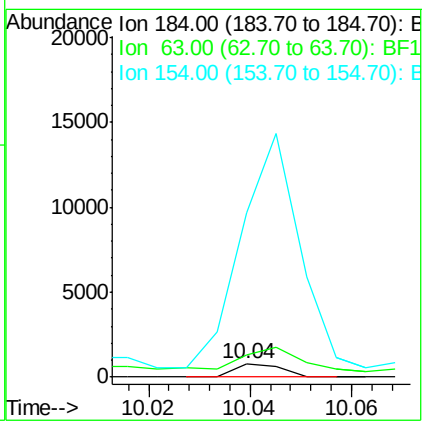


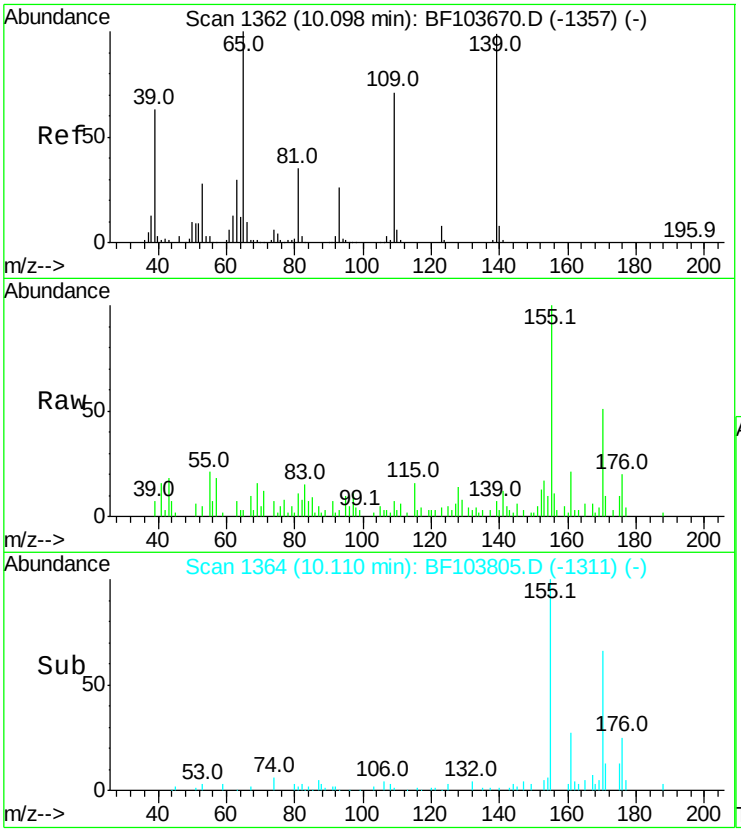


#53
2,4-Dinitrophenol
Concen: 7.279 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:184 Resp: 509

Ion	Ratio	Lower	Upper
184	100		
63	165.9	54.2	81.2#
154	1193.9	184.0	276.0#



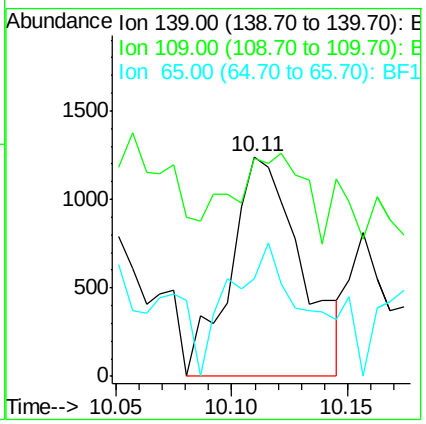


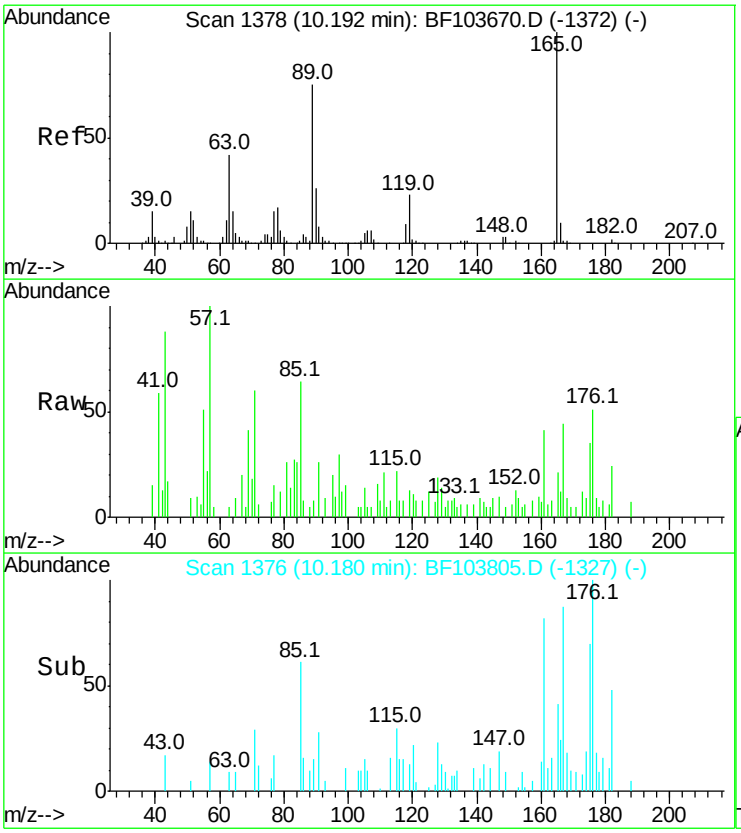
#55
4-Nitrophenol
Concen: 5.625 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2634

Ion	Ratio	Lower	Upper
139	100		
109	99.2	48.4	88.4#
65	44.6	72.6	112.6#

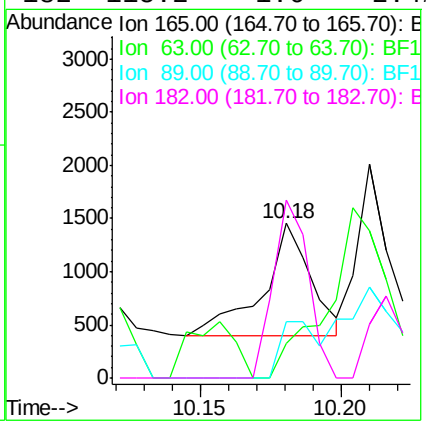


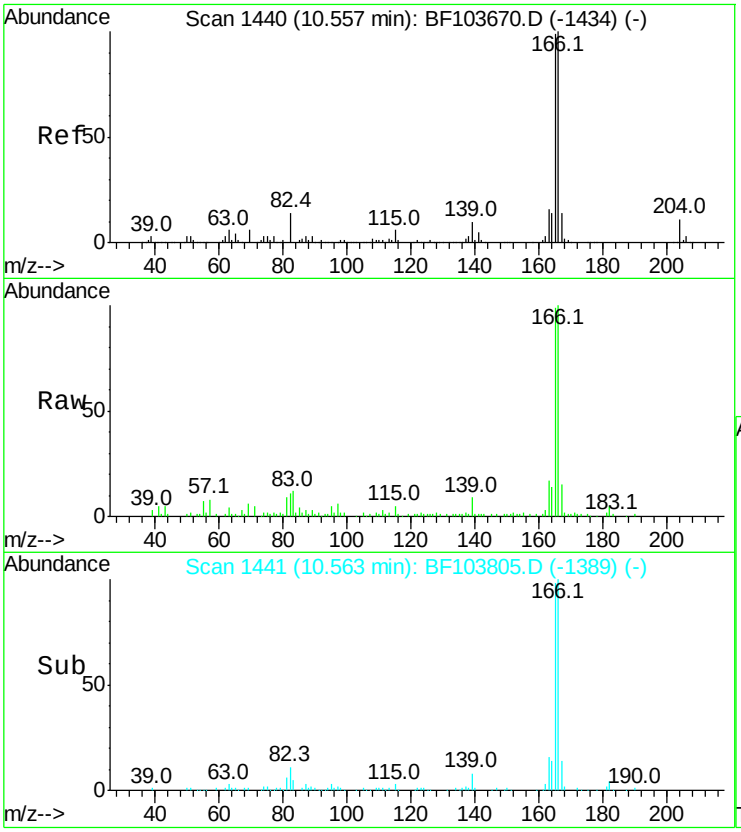


#56
2,4-Dinitrotoluene
Concen: 6.429 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:165 Resp: 1248

Ion	Ratio	Lower	Upper
165	100		
63	22.4	36.4	54.6#
89	36.2	57.8	86.6#
182	115.2	1.6	2.4#



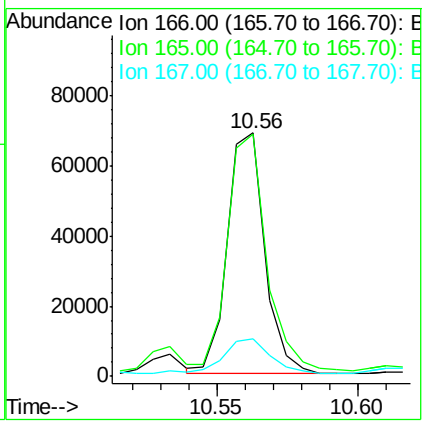


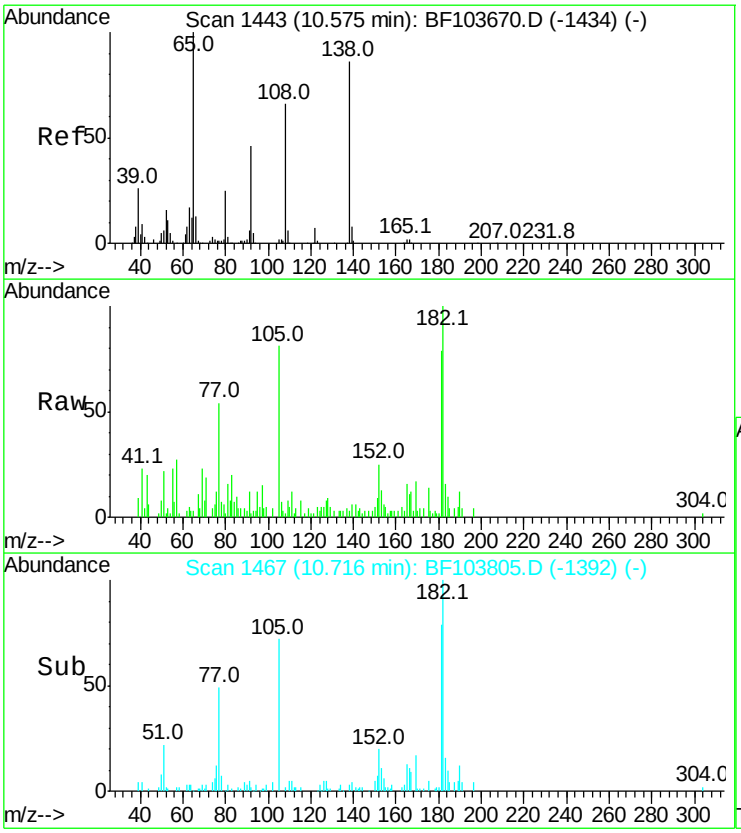
#57
Fluorene
Concen: 3.464 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 63172

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	15.3	10.6	16.0

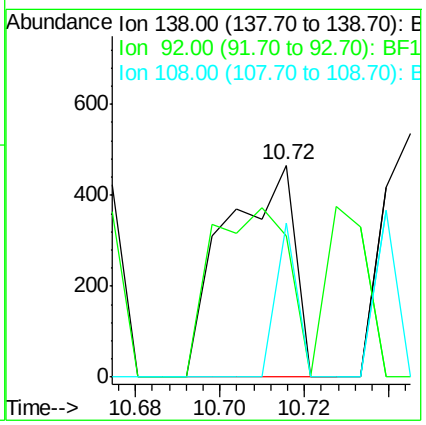


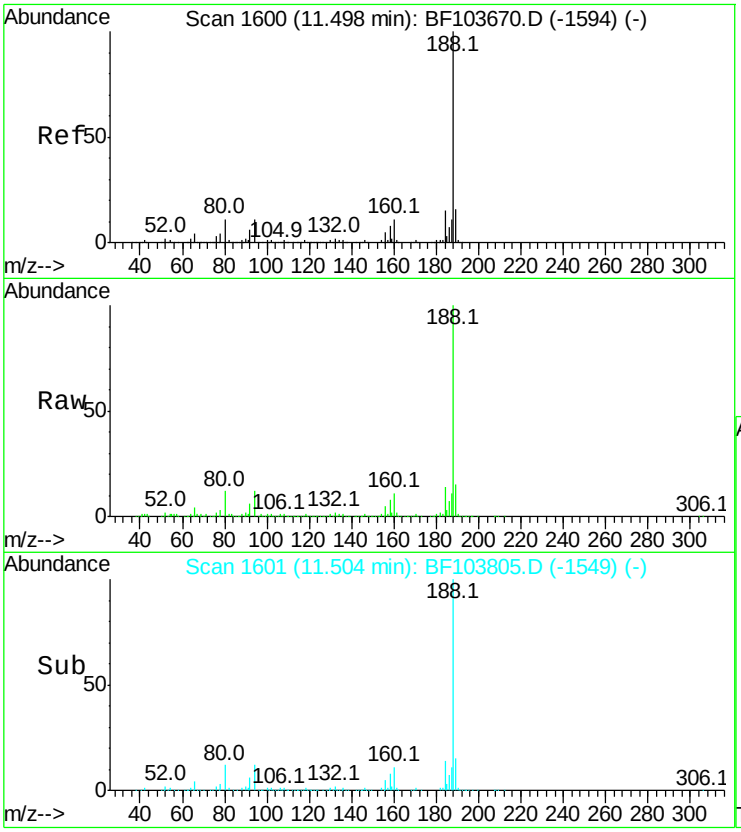


#61
4-Nitroaniline
Concen: 3.855 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.14 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:138 Resp: 527

Ion	Ratio	Lower	Upper
138	100		
92	67.0	30.2	70.2
108	73.0	52.5	92.5



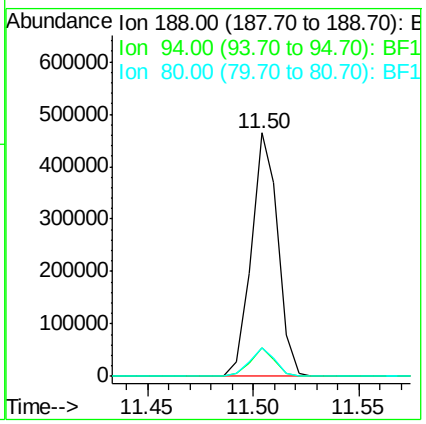


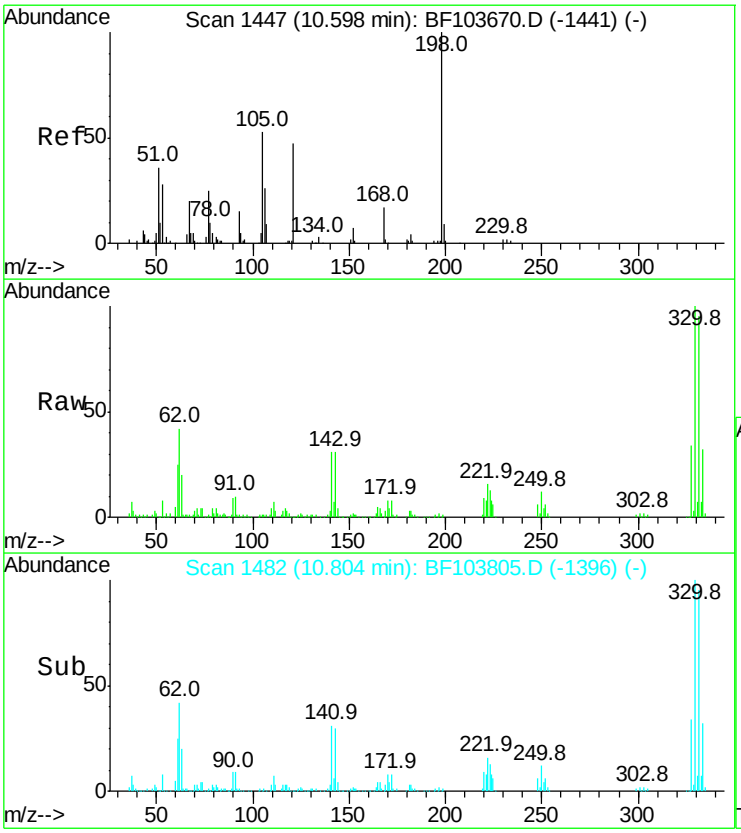
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 404554

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.0	9.2	13.8

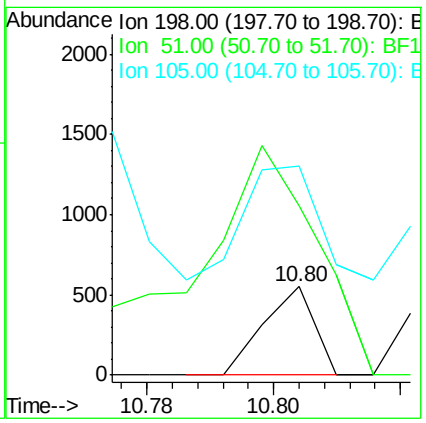


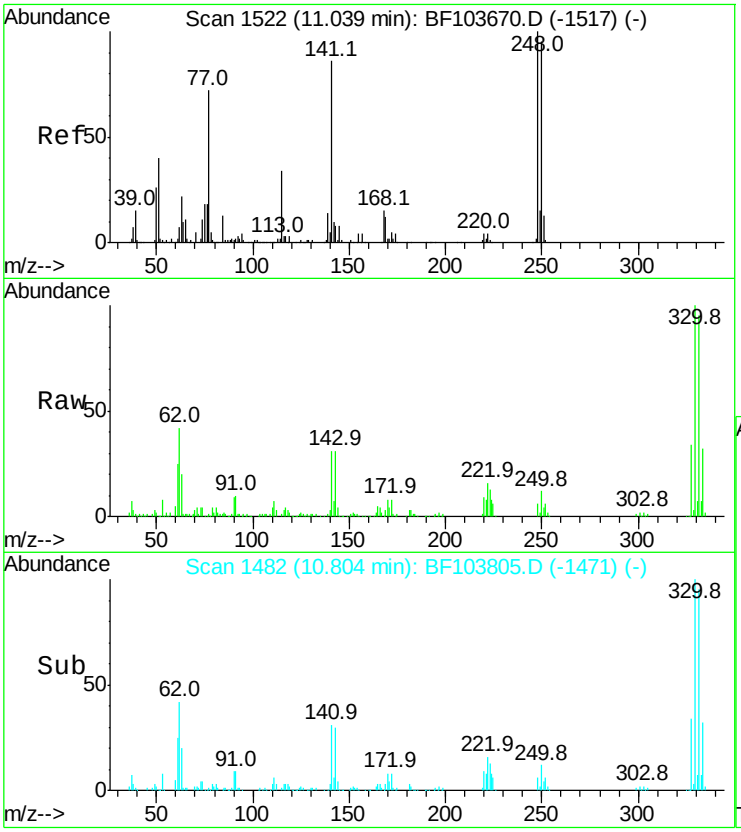


#64
4,6-Dinitro-2-methylphenol
Concen: 8.341 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:198 Resp: 304

Ion	Ratio	Lower	Upper
198	100		
51	191.6	37.7	77.7#
105	236.8	36.3	76.3#



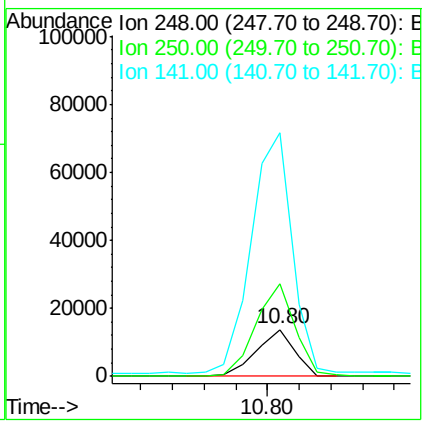


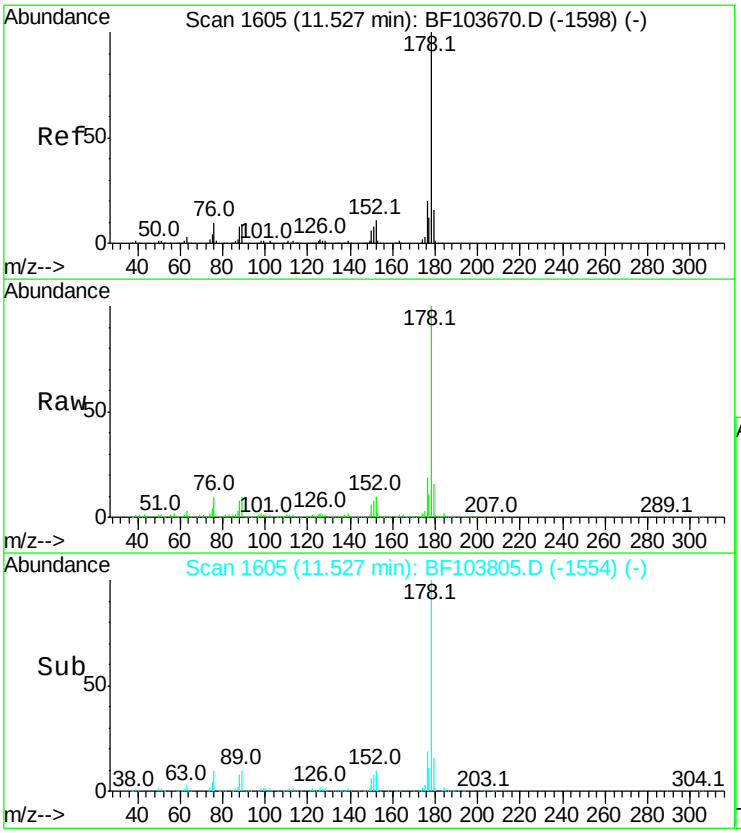
#66
4-Bromophenyl-phenylether
Concen: 2.776 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11532

Ion	Ratio	Lower	Upper
248	100		
250	196.7	76.9	115.3#
141	518.6	74.4	111.6#

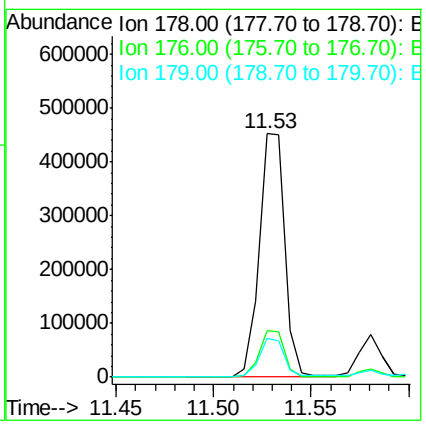


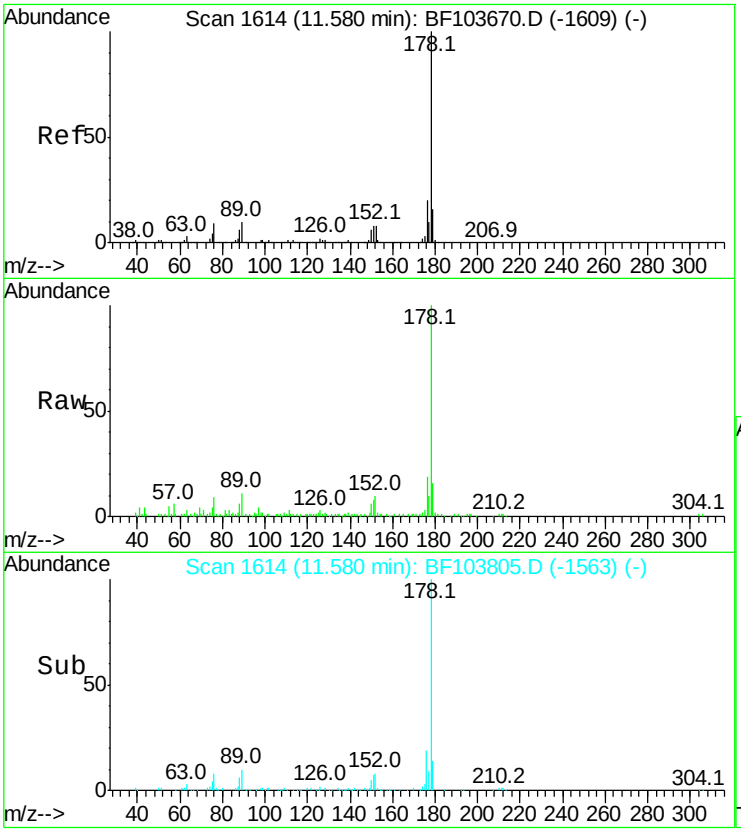


#70
Phenanthrene
Concen: 18.433 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:178 Resp: 407920

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.2	13.0	19.6



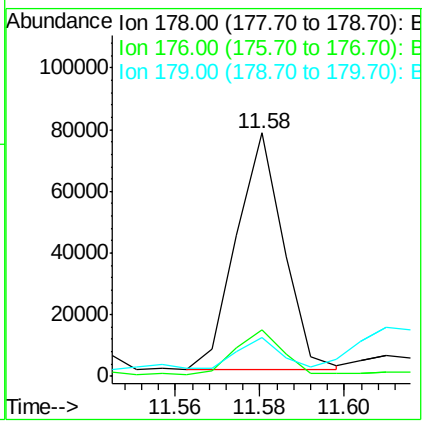


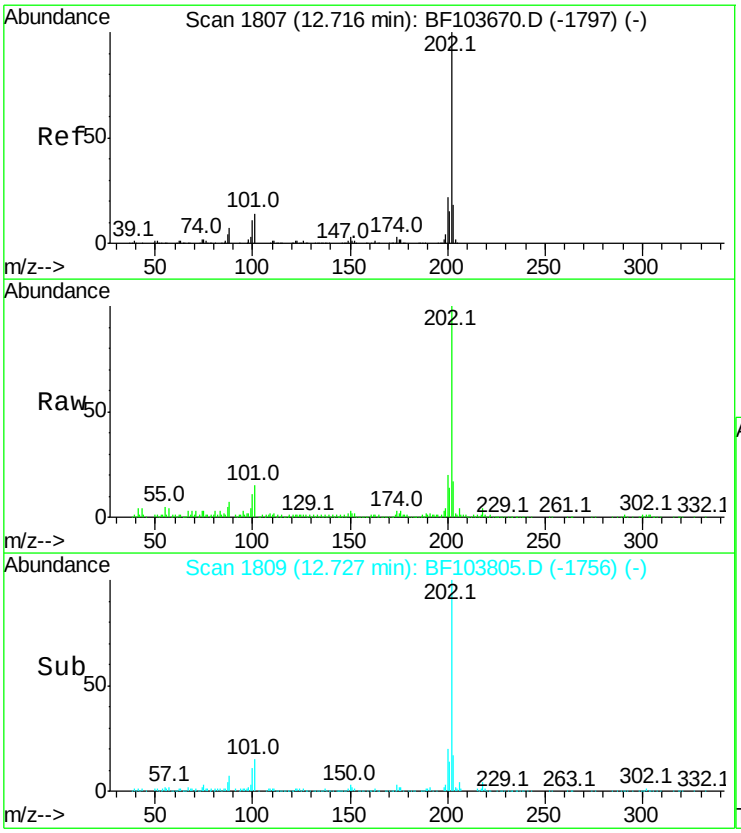
#71
Anthracene
Concen: 2.643 ng
RT: 11.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 59410

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.6	19.0

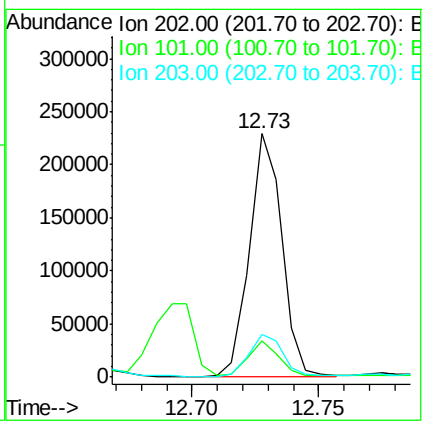


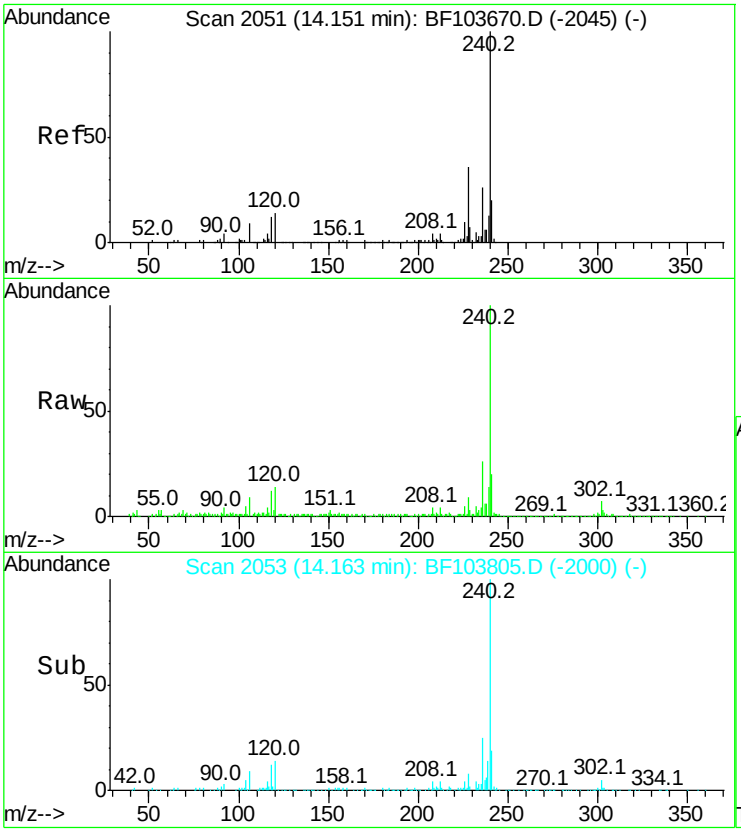


#74
Fluoranthene
Concen: 8.940 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:202 Resp: 203821

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	17.4	0.0	38.1



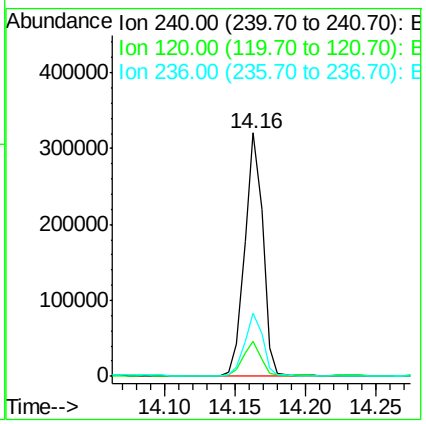


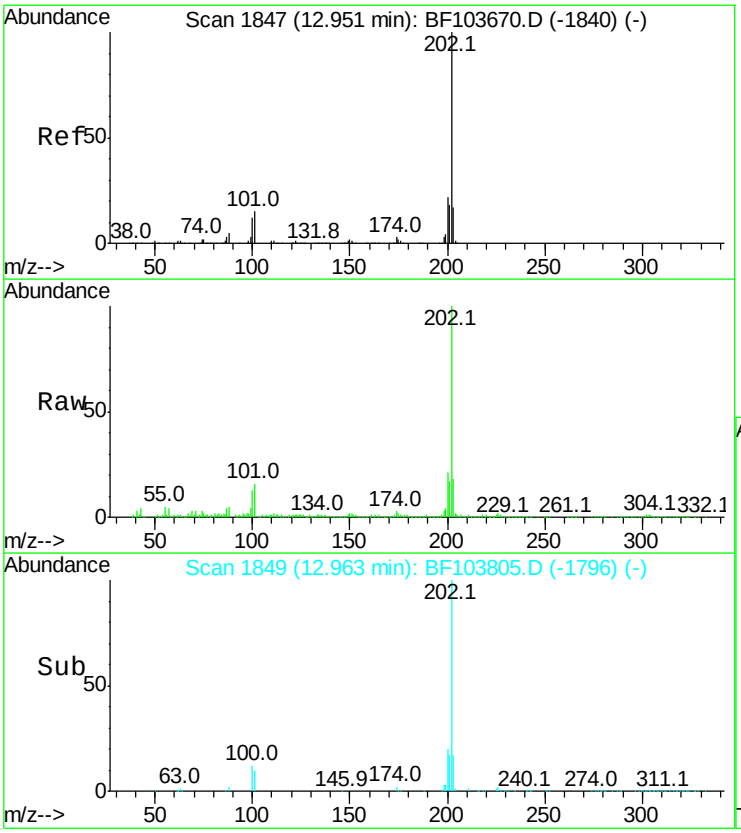
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 286263

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.1	20.7	31.1

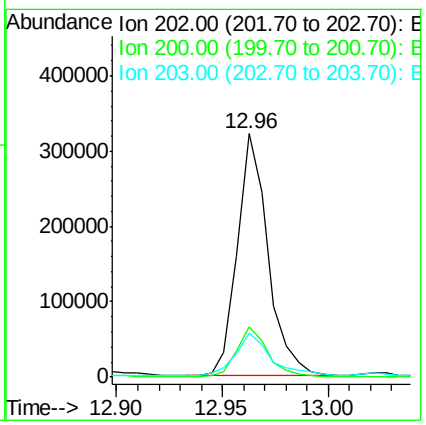


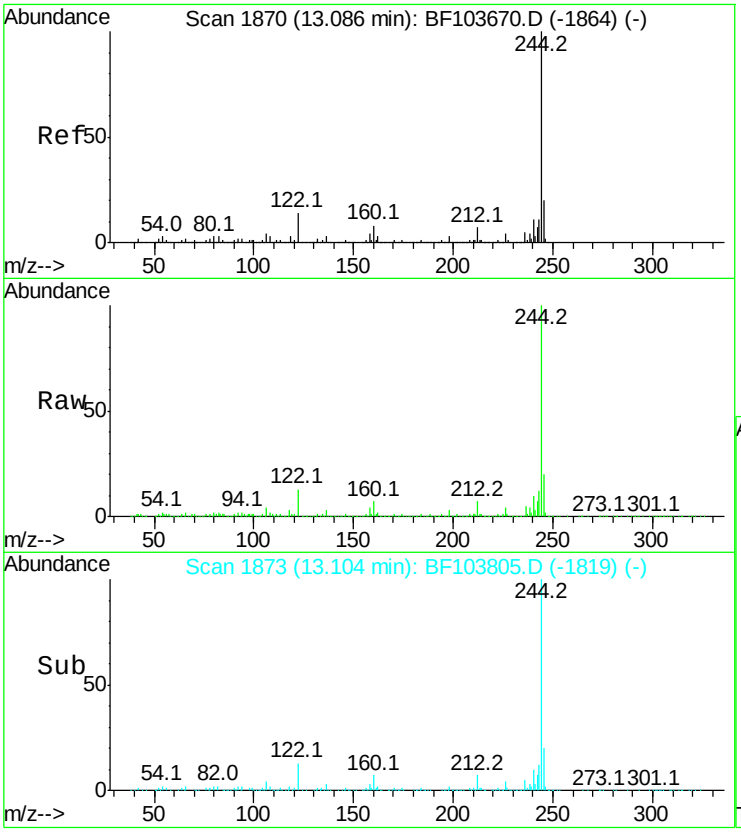


#77
Pyrene
Concen: 15.334 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:202 Resp: 322368

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.0	14.3	21.5



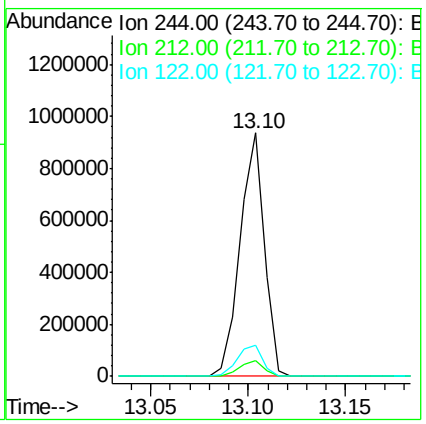


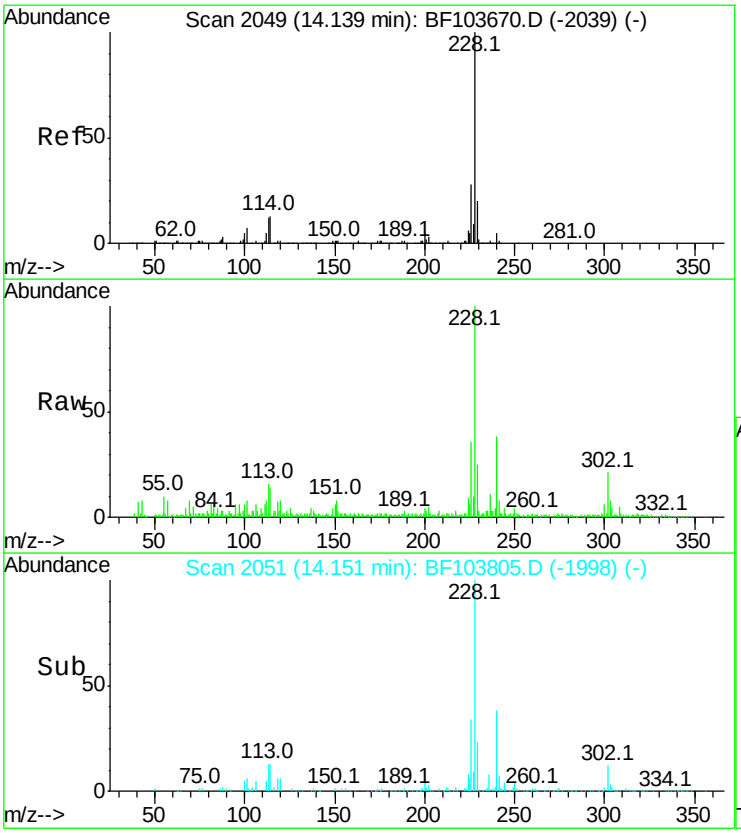
#78
Terphenyl-d14
Concen: 65.362 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 806100

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.7	11.0	16.4

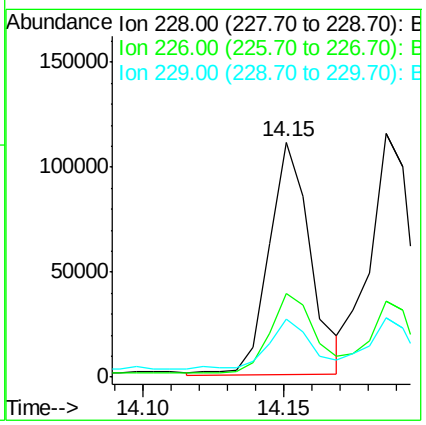


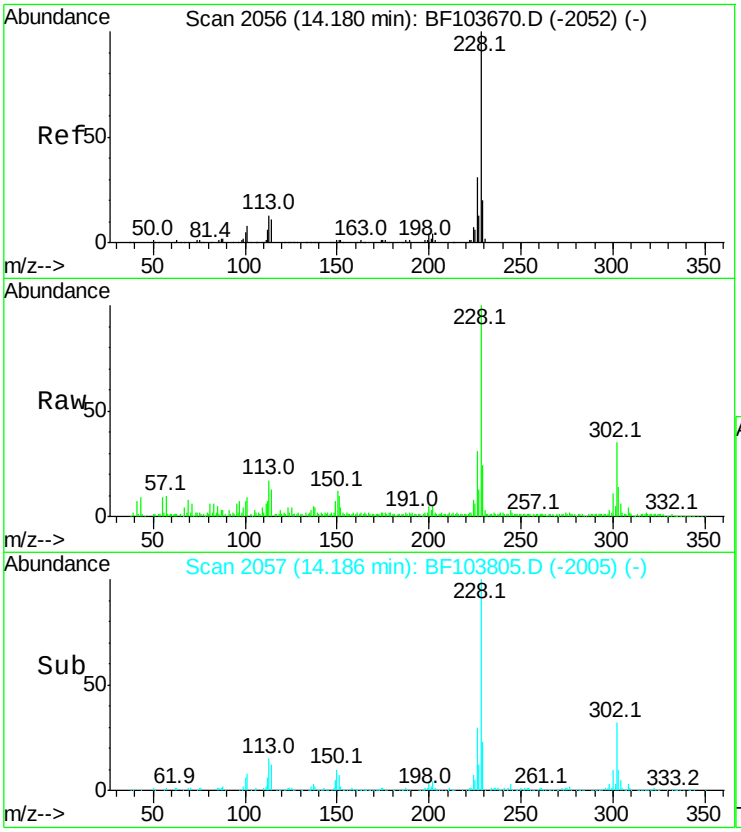


#80
Benzo(a)anthracene
Concen: 6.262 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:228 Resp: 113478

Ion	Ratio	Lower	Upper
228	100		
226	35.6	22.6	33.8#
229	24.6	15.8	23.6#



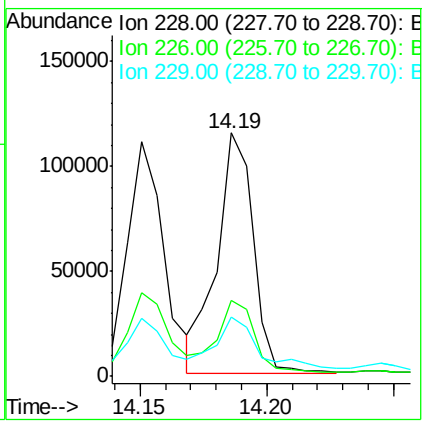


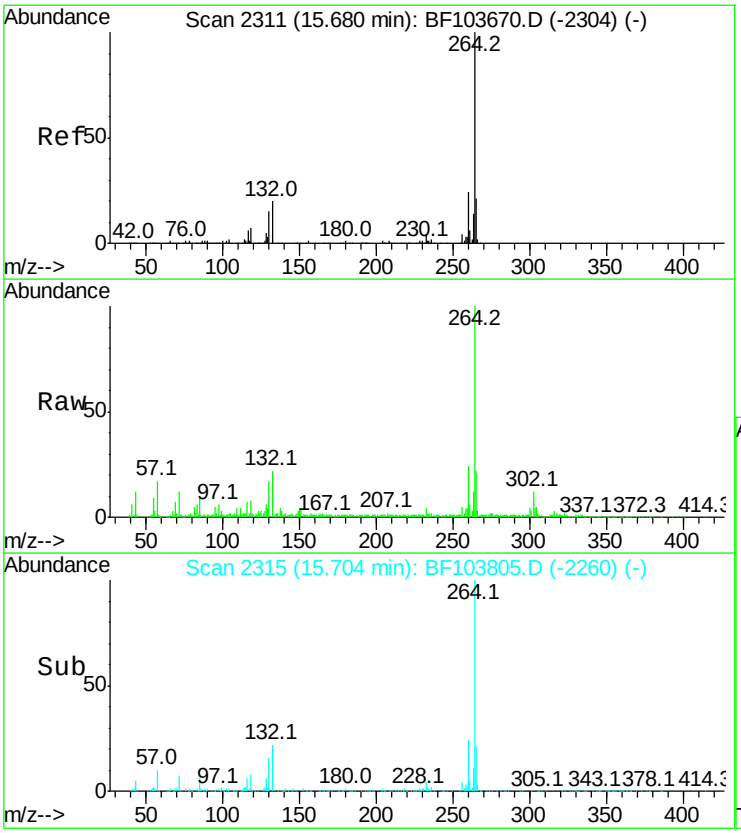
#82
Chrysene
Concen: 6.678 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 115356

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	24.2	16.2	24.4

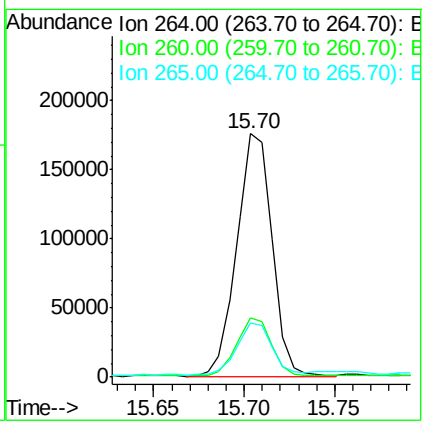


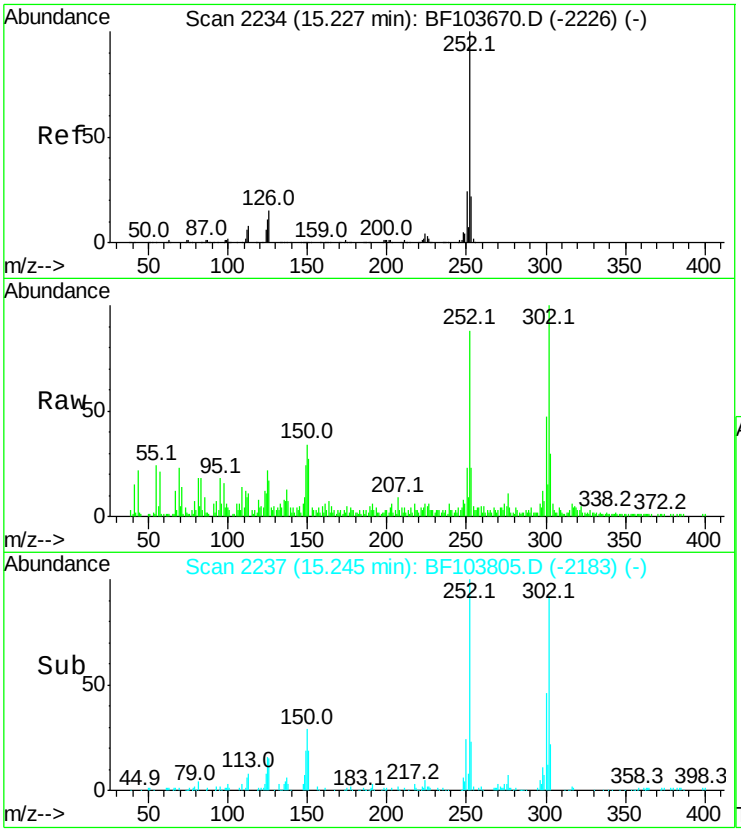


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:264 Resp: 237063

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.5	26.3



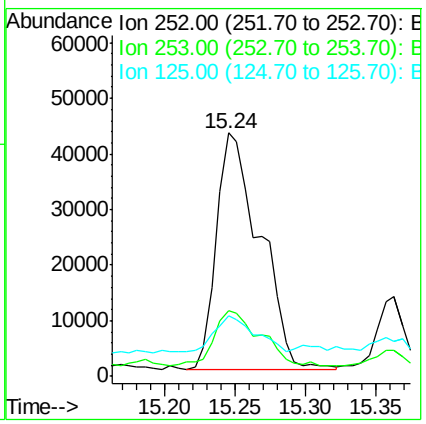


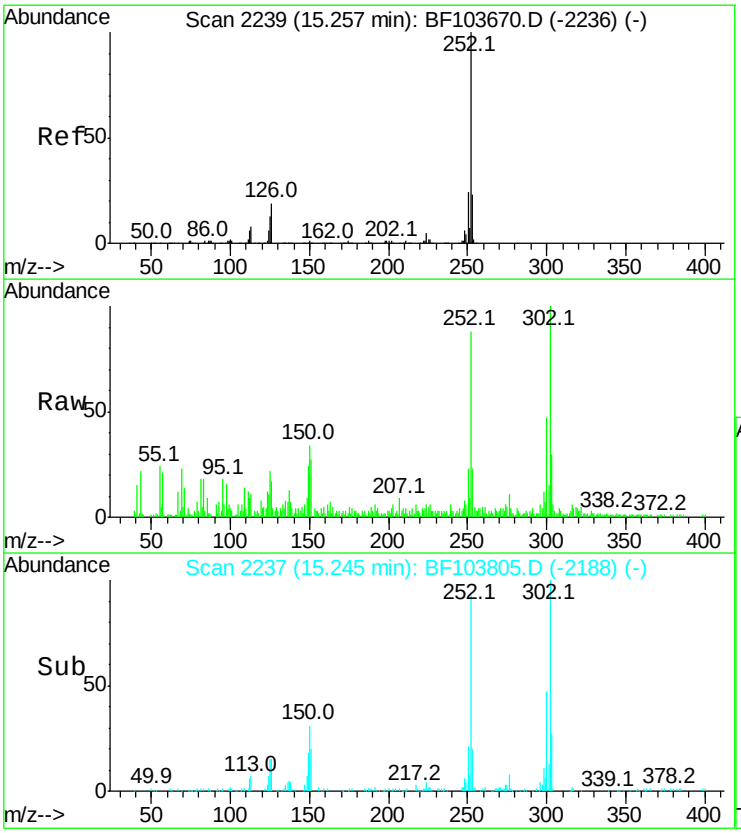
#87
Benzo(b)fluoranthene
Concen: 6.120 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91667

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.0	25.6#
125	25.1	9.0	13.6#

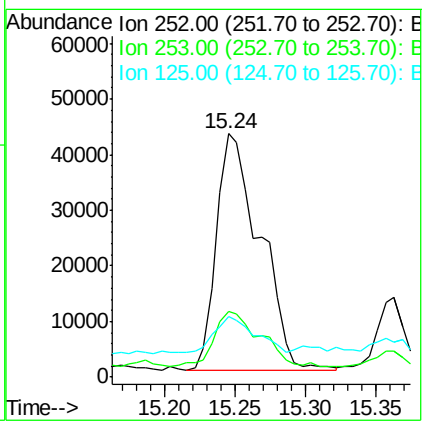


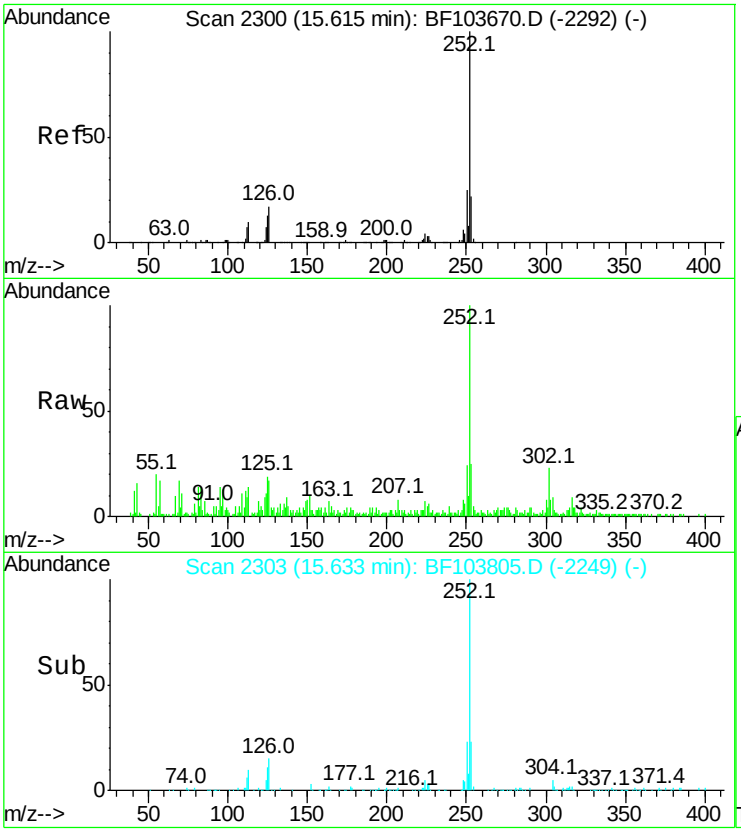


#88
Benzo(k)fluoranthene
Concen: 6.367 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:252 Resp: 91667

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	25.1	10.2	15.2#



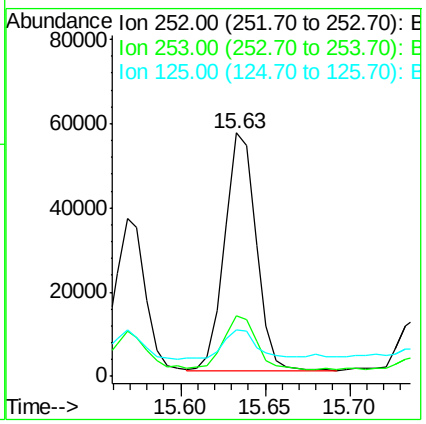


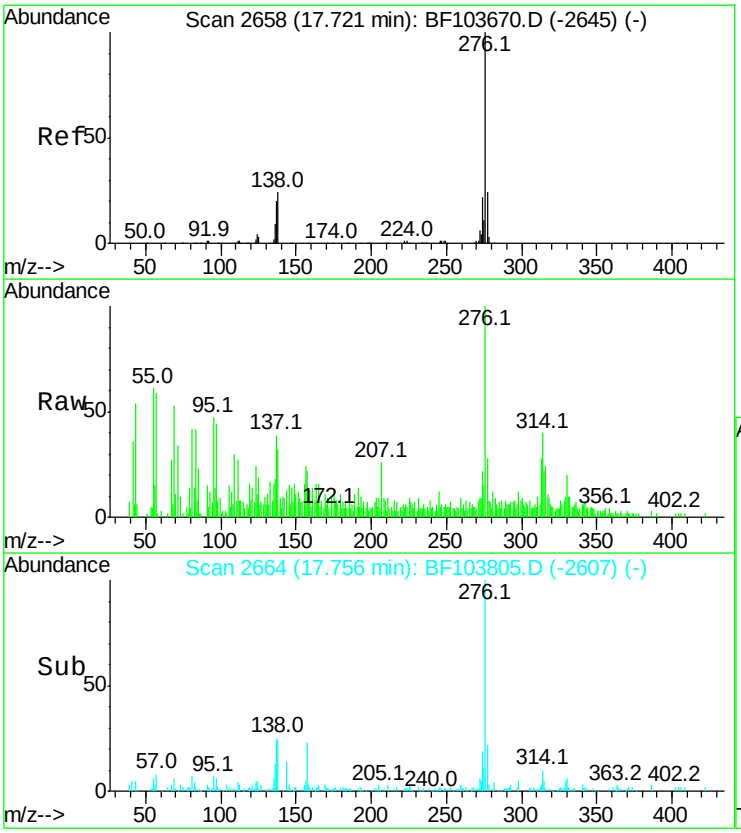
#89
Benzo(a)pyrene
Concen: 5.435 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73829

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	19.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.954 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.04 min
Lab File: BF103805.D
Acq: 20 Mar 2018 16:39

Tgt Ion:276 Resp: 33799

Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	32.4	21.8	32.8