Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103881.D
Acq On : 23 Mar 2018 15:40
Operator : JU/SJ
Sample : J1748-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 18:12:26 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	145618	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	582542	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	244772	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	366097	20.00	ng		0.00
75) Chrysene-d12	14.16	240	293599	20.00	ng		0.00
86) Perylene-d12	15.71	264	217491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1165880	121.78	ng		0.01
7) Phenol-d6	6.60	99	1448803	123.69	ng		0.00
23) Nitrobenzene-d5	7.54	82	885584	106.01	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	291982	138.74	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1378770	89.85	ng		0.00
78) Terphenyl-d14	13.10	244	1044822	82.60	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	38237	3.072	ng		86
19) n-Nitroso-di-n-propylamine	7.54	70	117887	15.705	ng	#	72
25) Isophorone	7.54	82	883734	45.700	ng	#	64
47) 2-Nitroaniline	9.56	65	124	6.839	ng	#	15
49) Dimethylphthalate	9.72	163	141022	7.551	ng		100
50) 2,6-Dinitrotoluene	9.72	165	1717	4.420	ng	#	24
52) 3-Nitroaniline	9.79	138	111	3.838	ng	#	2
55) 4-Nitrophenol	10.12	139	378	5.073	ng	#	6
56) 2,4-Dinitrotoluene	10.02	165	32591	12.413	ng	#	24
61) 4-Nitroaniline	10.42	138	3028	4.419	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.81	198	596	8.604	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	17269	4.594	ng	#	1
70) Phenanthrene	11.53	178	59785	2.985	ng		99
74) Fluoranthene	12.73	202	72917	3.534	ng		99
77) Pyrene	12.96	202	64401	2.987	ng		99
87) Benzo(b)fluoranthene	15.24	252	38780	2.822	ng	#	56
88) Benzo(k)fluoranthene	15.24	252	38780	2.936	ng	#	59

(#) = 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 : BF103881.D
Acq On : 23 Mar 2018 15:40
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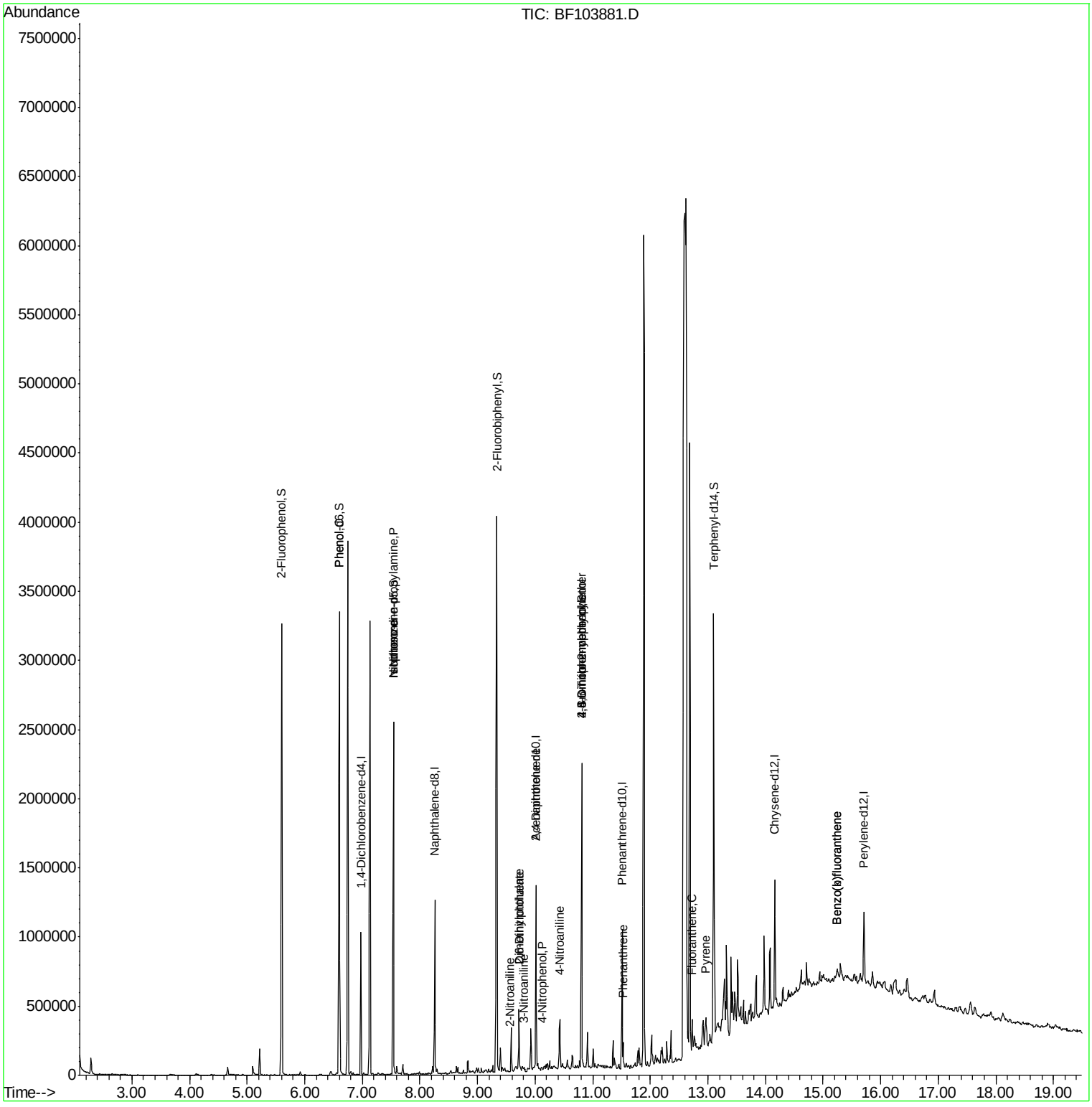
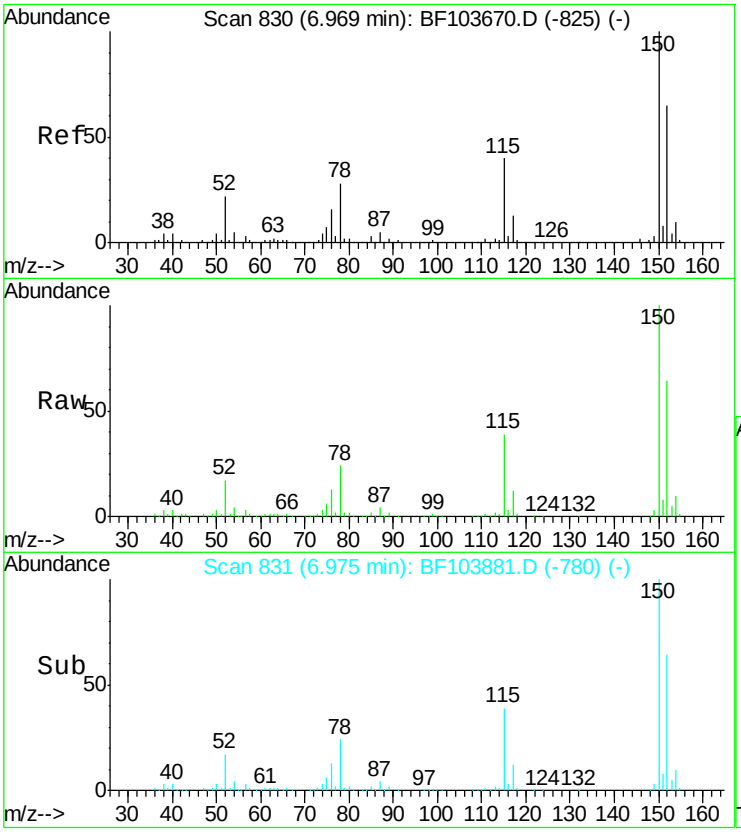


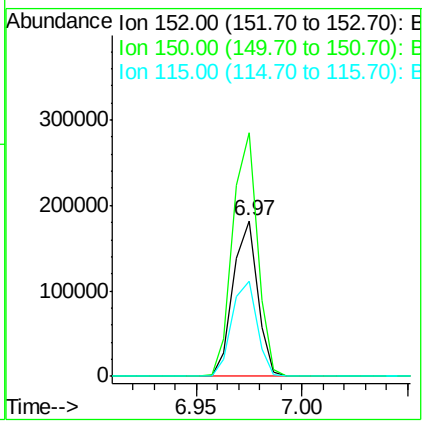


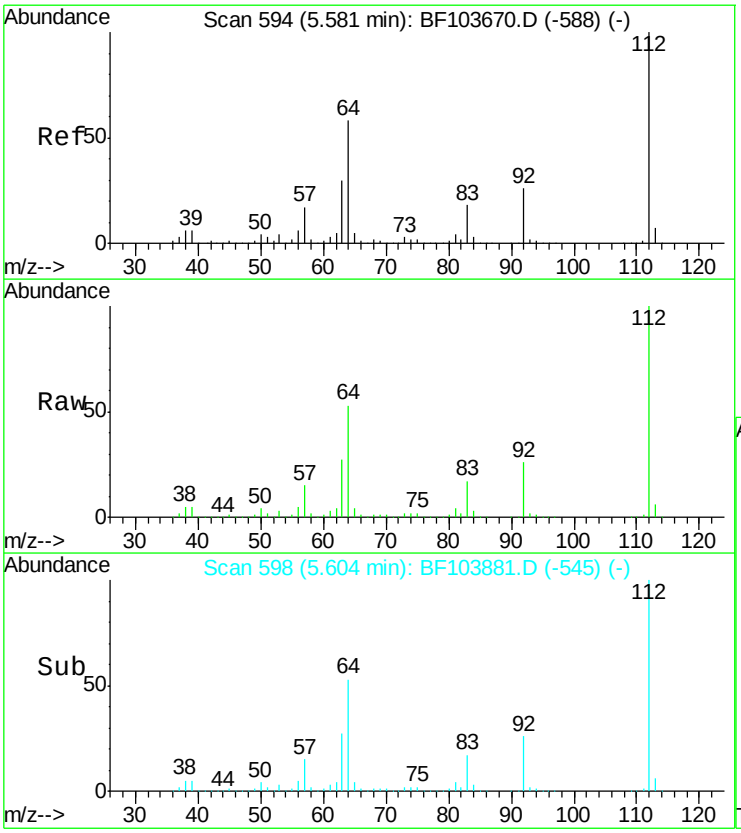
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145618

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.0	50.1	75.1

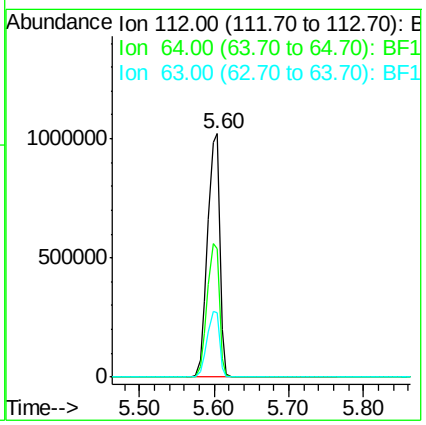


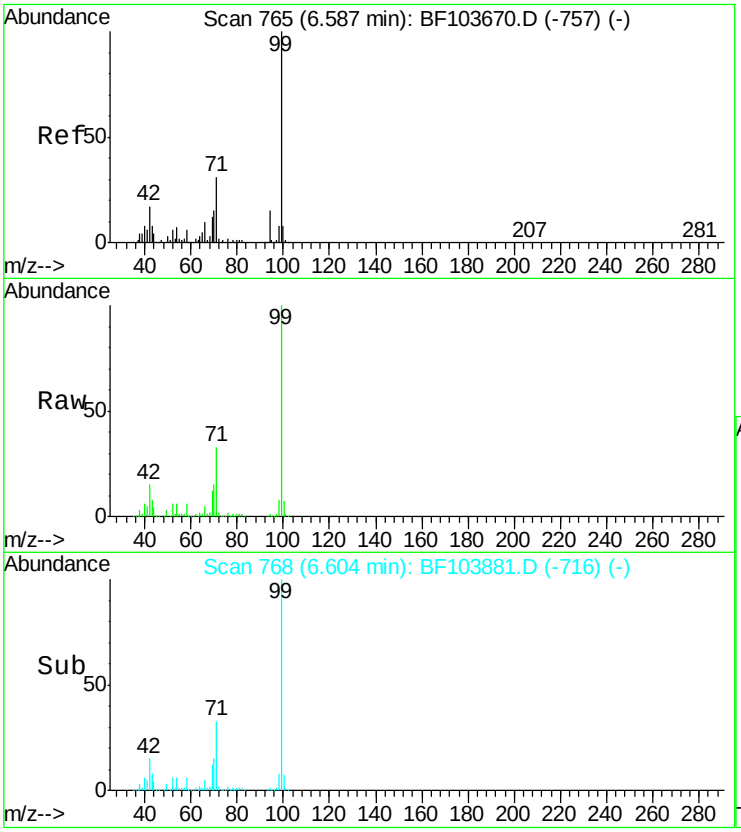


#5
2-Fluorophenol
Concen: 121.777 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:112 Resp: 1165880

Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	26.7	23.7	35.5



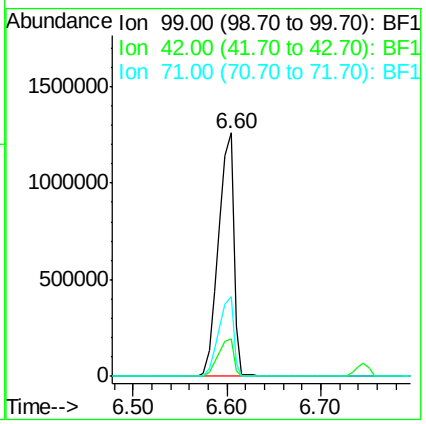


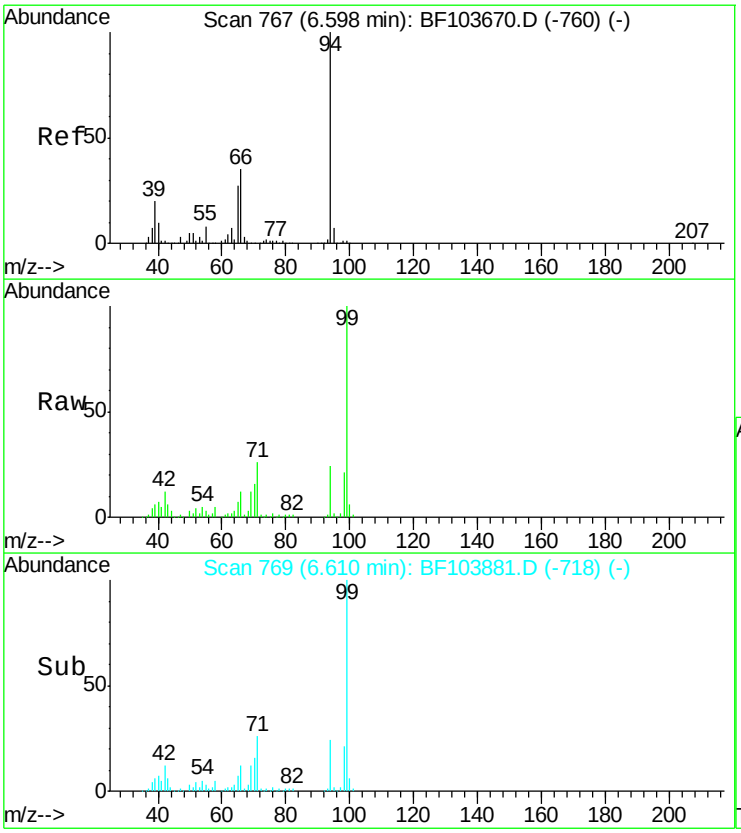
#7
Phenol-d6
Concen: 123.692 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1448803

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	32.7	25.4	38.0

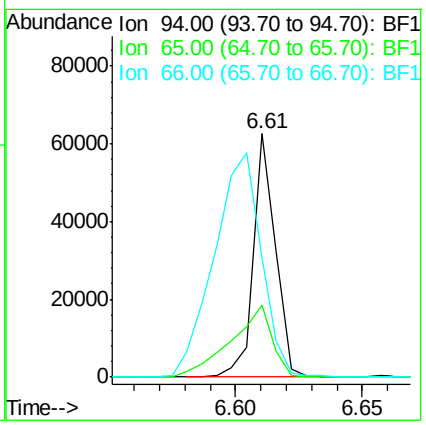


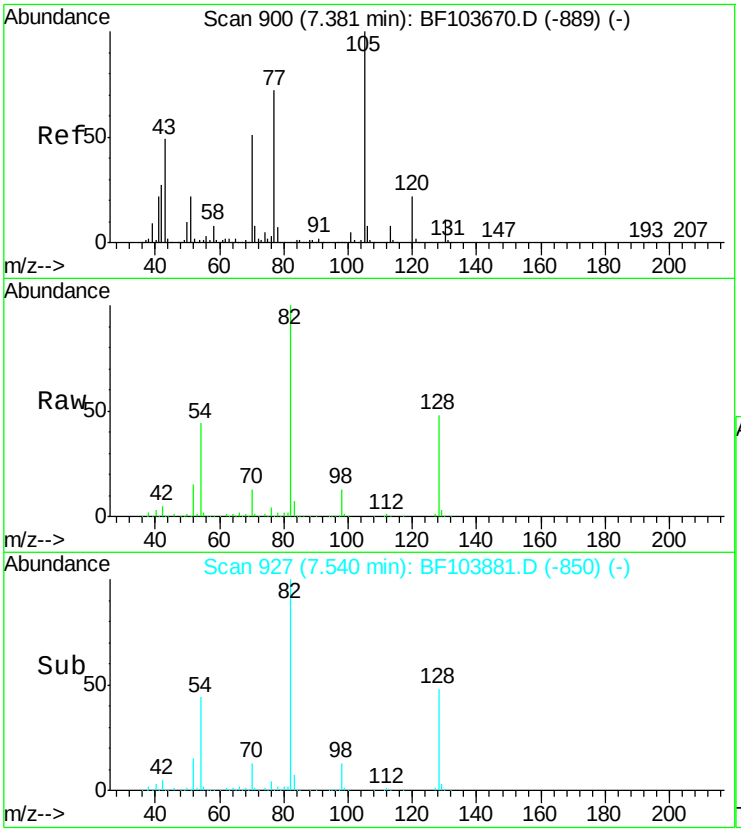


#10
Phenol
Concen: 3.072 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion: 94 Resp: 38237

Ion	Ratio	Lower	Upper
94	100		
65	29.8	7.9	47.9
66	49.1	16.2	56.2



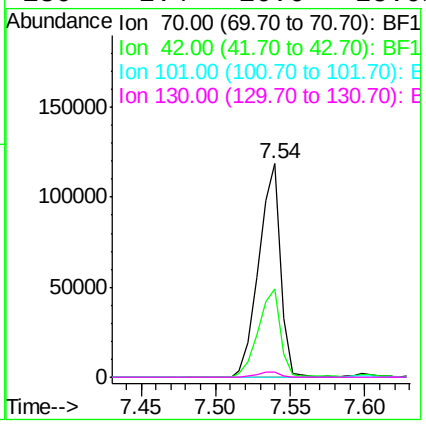


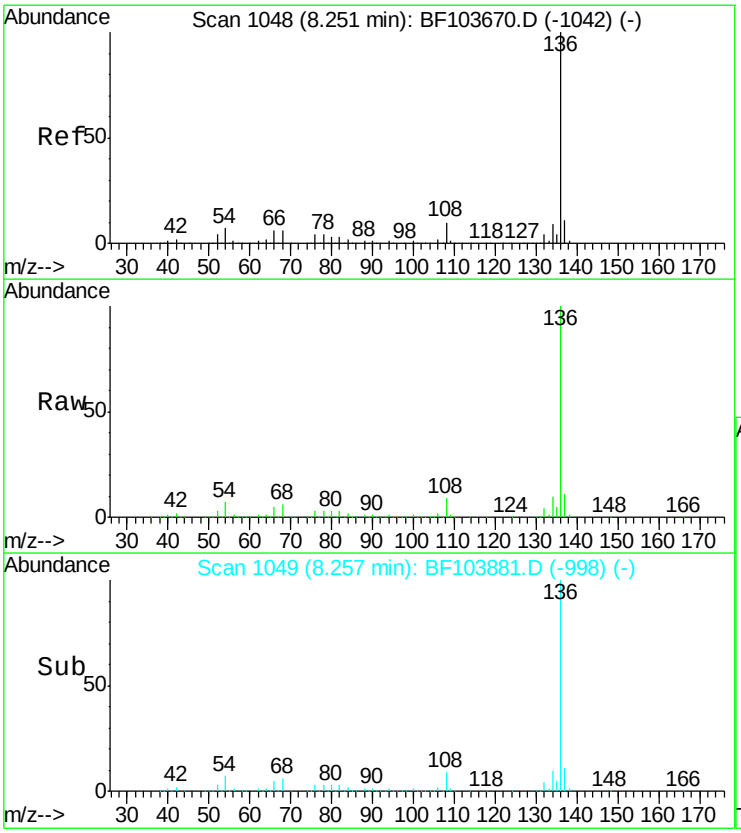
#19
n-Nitroso-di-n-propylamine
Concen: 15.705 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 117887

Ion	Ratio	Lower	Upper
70	100		
42	41.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

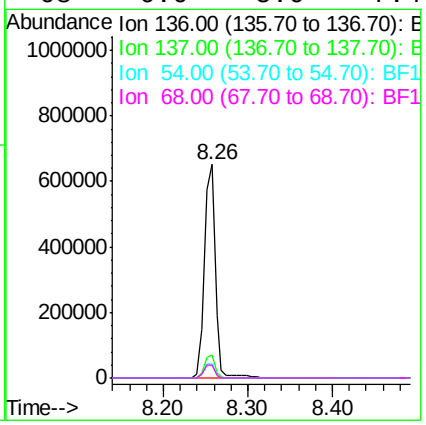


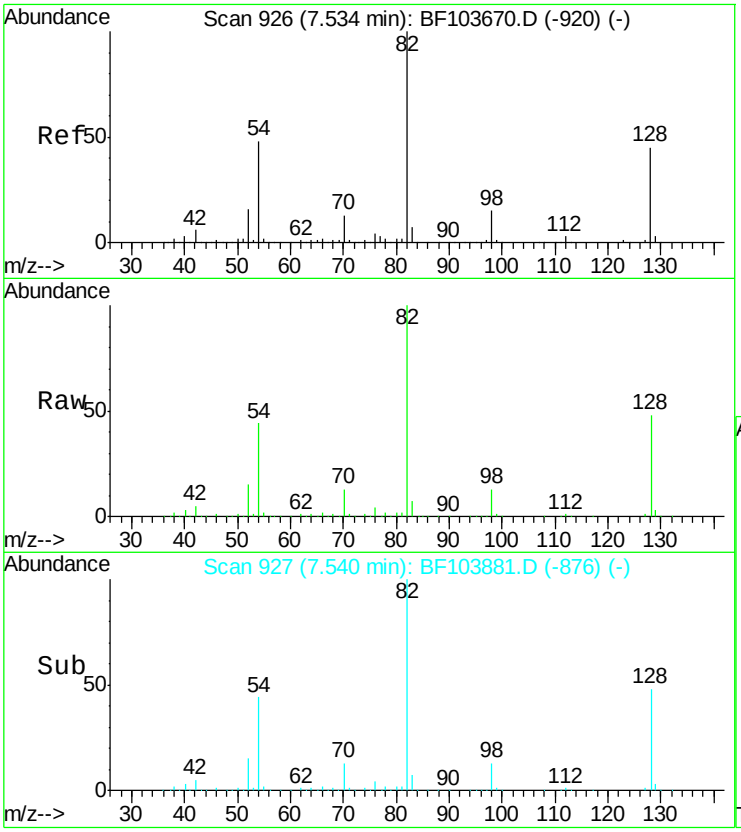


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:136 Resp: 582542

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8
68	6.0	5.0	7.4



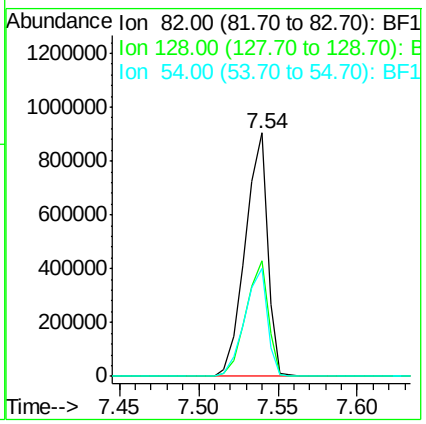


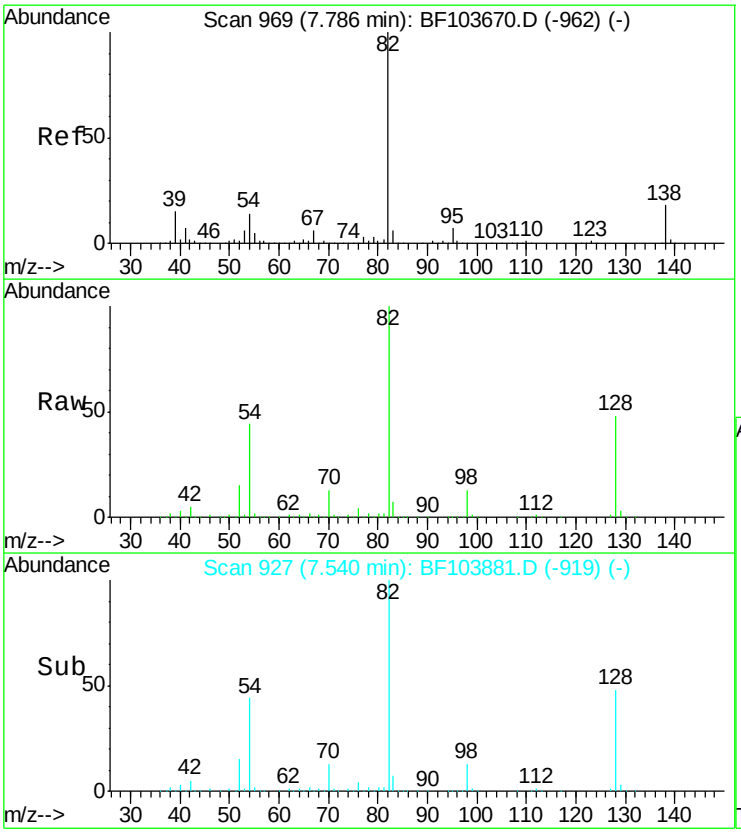
#23
Nitrobenzene-d5
Concen: 106.013 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 885584

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	44.1	41.4	62.2

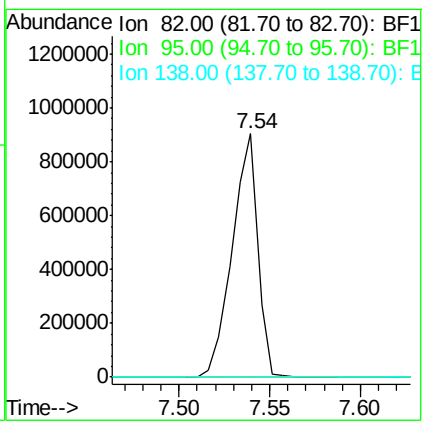


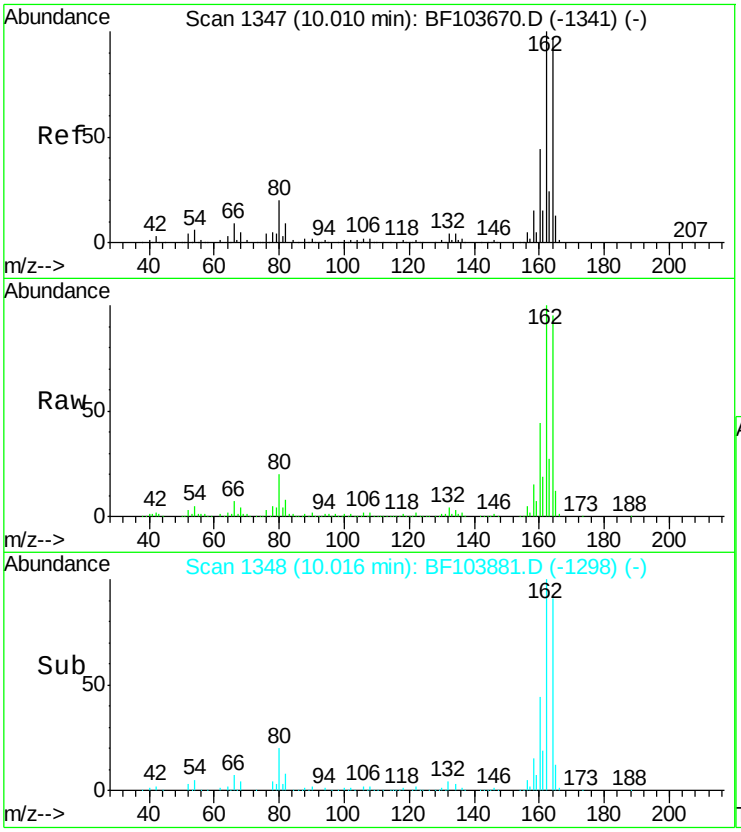


#25
Isophorone
Concen: 45.700 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion: 82 Resp: 883734

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



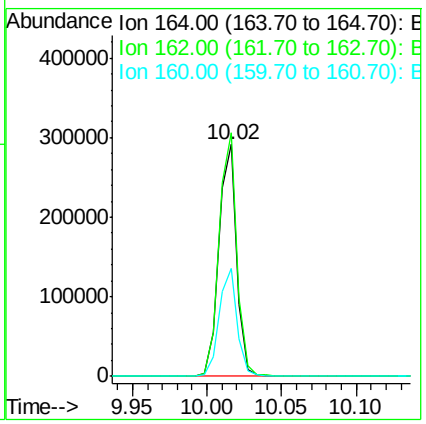


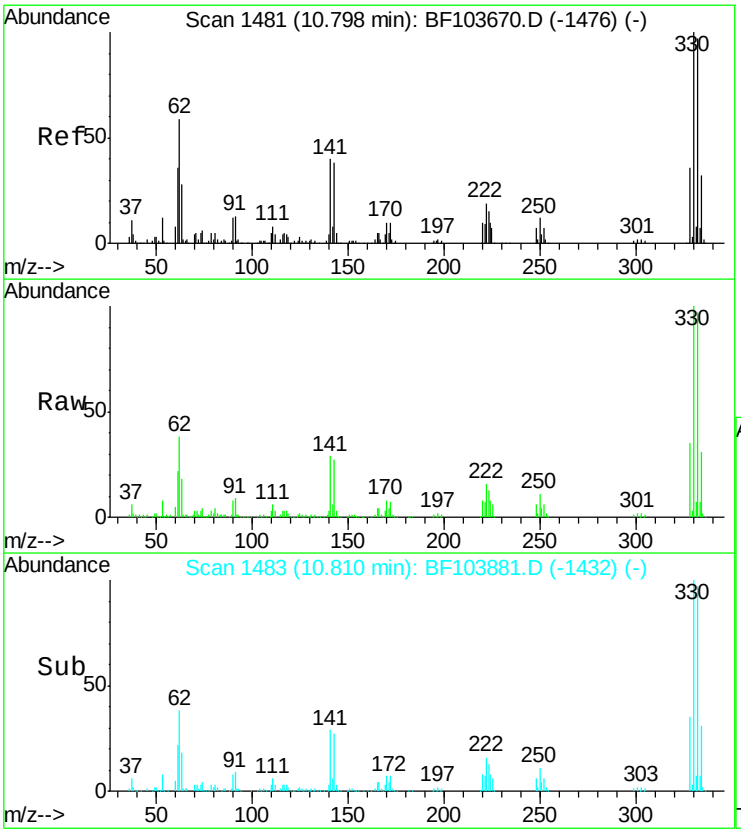
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 244772

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.5	38.3	57.5

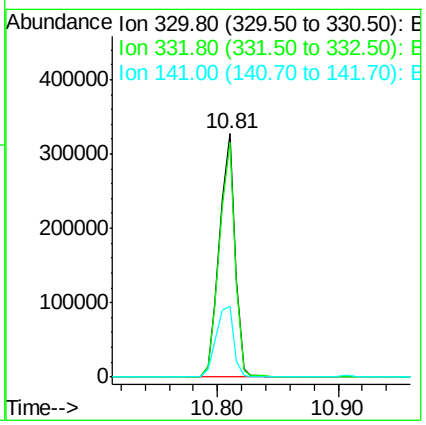


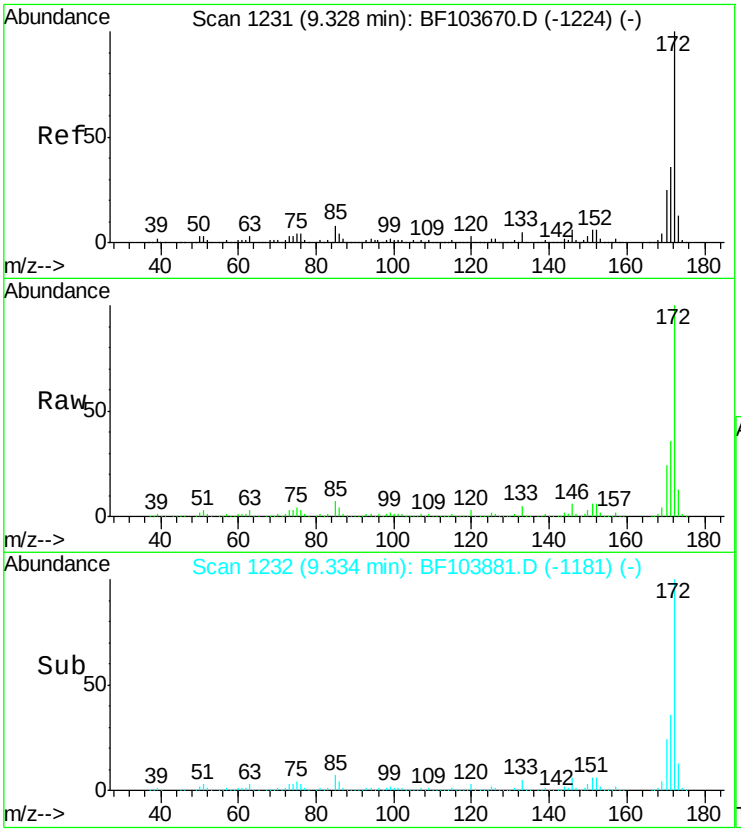


#41
2,4,6-Tribromophenol
Concen: 138.737 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:330 Resp: 291982

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.6	29.9	44.9



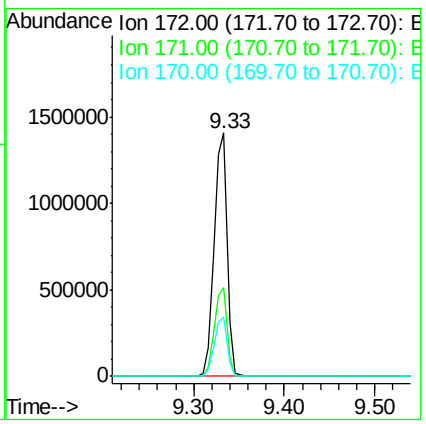


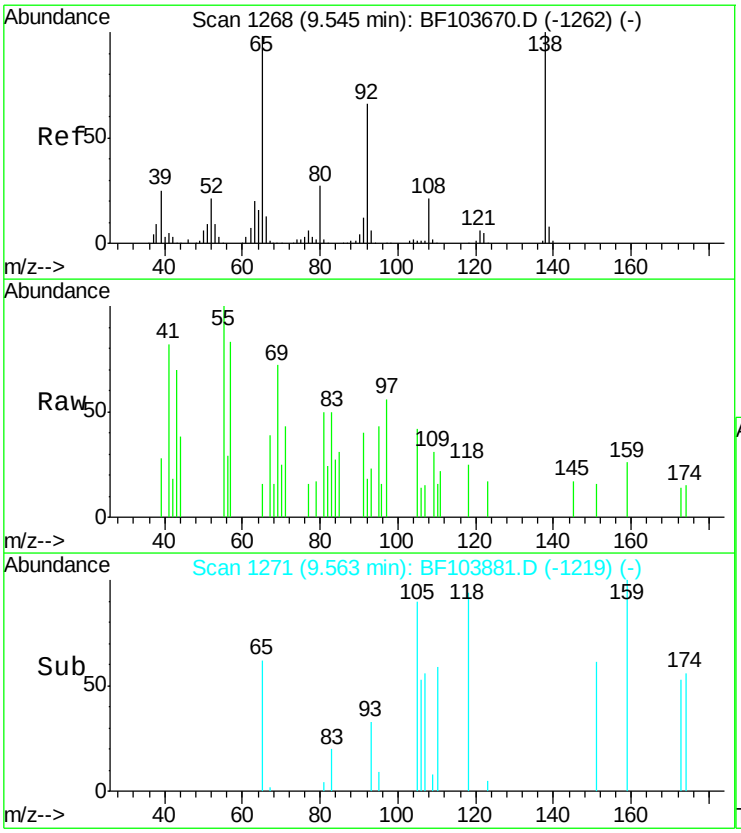
#44
2-Fluorobiphenyl
Concen: 89.853 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1378770

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

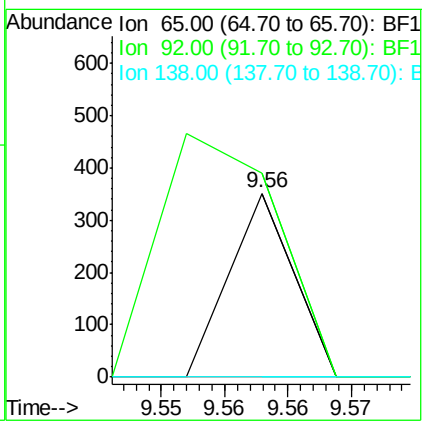


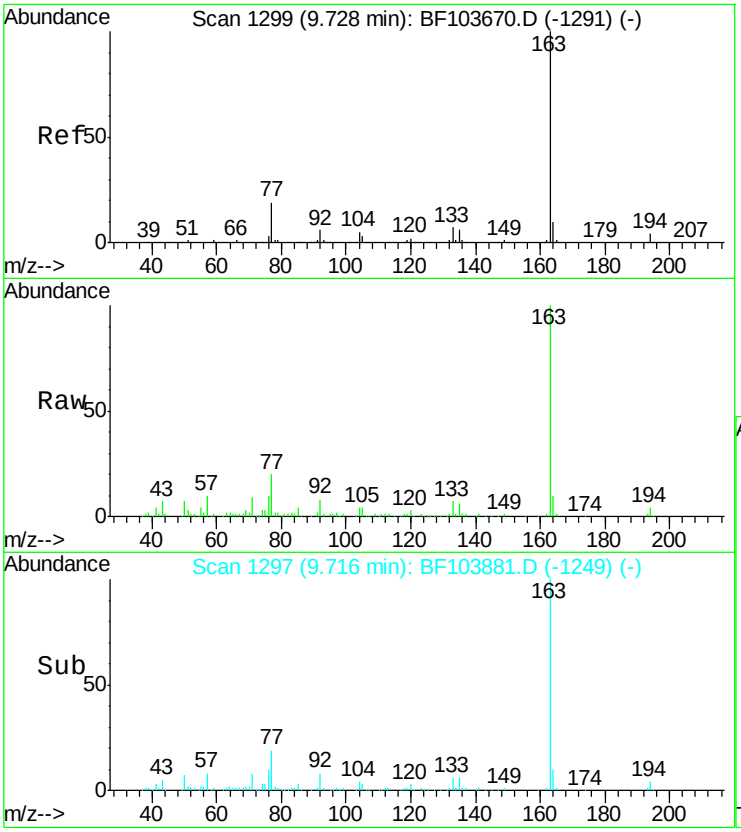


#47
2-Nitroaniline
Concen: 6.839 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion: 65 Resp: 124

Ion	Ratio	Lower	Upper
65	100		
92	110.5	55.8	83.6#
138	0.0	91.2	136.8#



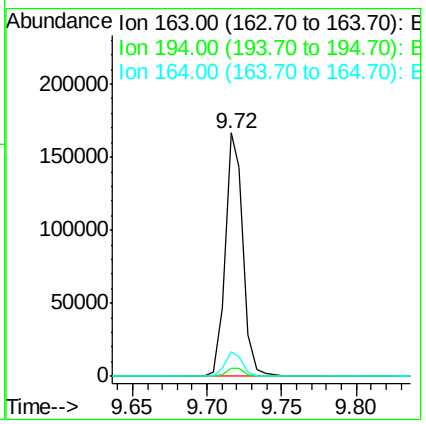


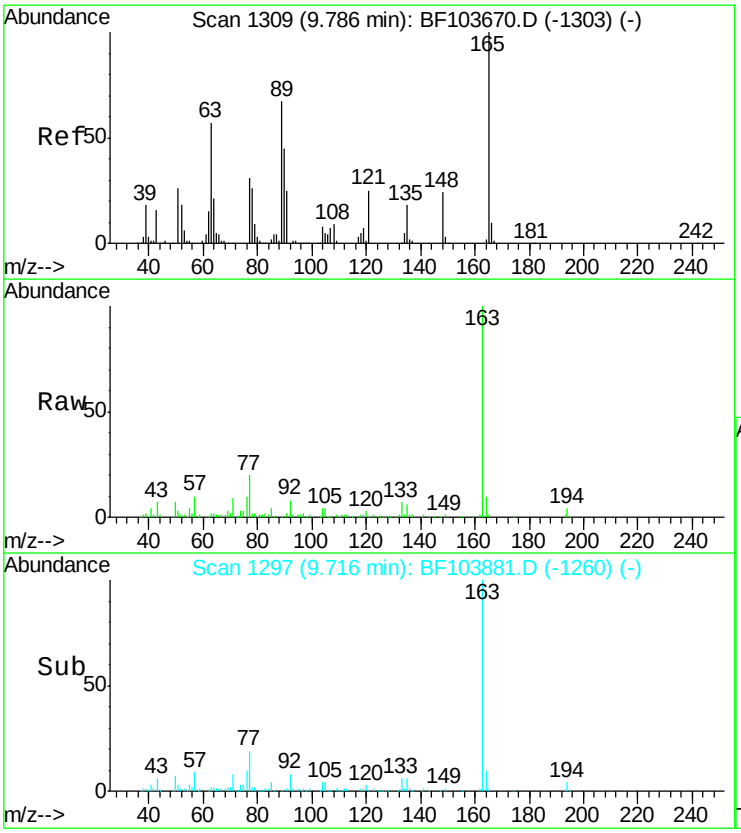
#49
Dimethylphthalate
Concen: 7.551 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 141022

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

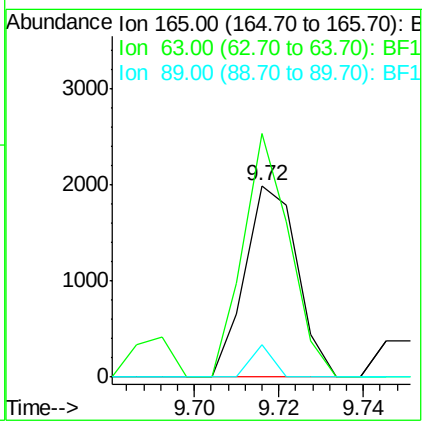


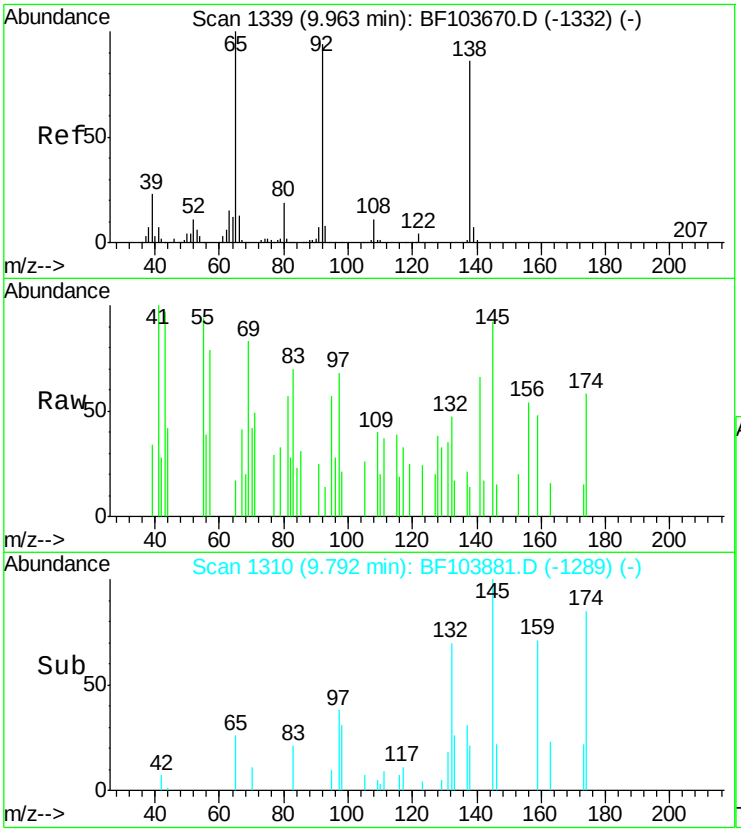


#50
2,6-Dinitrotoluene
Concen: 4.420 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:165 Resp: 1717

Ion	Ratio	Lower	Upper
165	100		
63	127.3	44.7	67.1#
89	16.9	44.0	66.0#



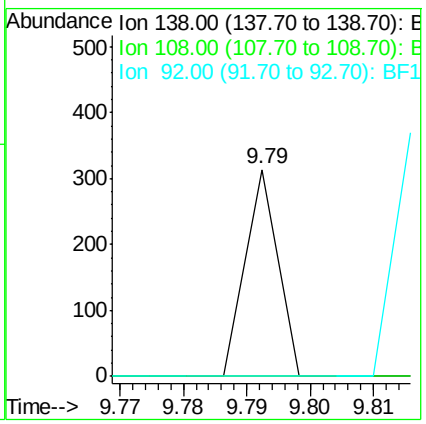


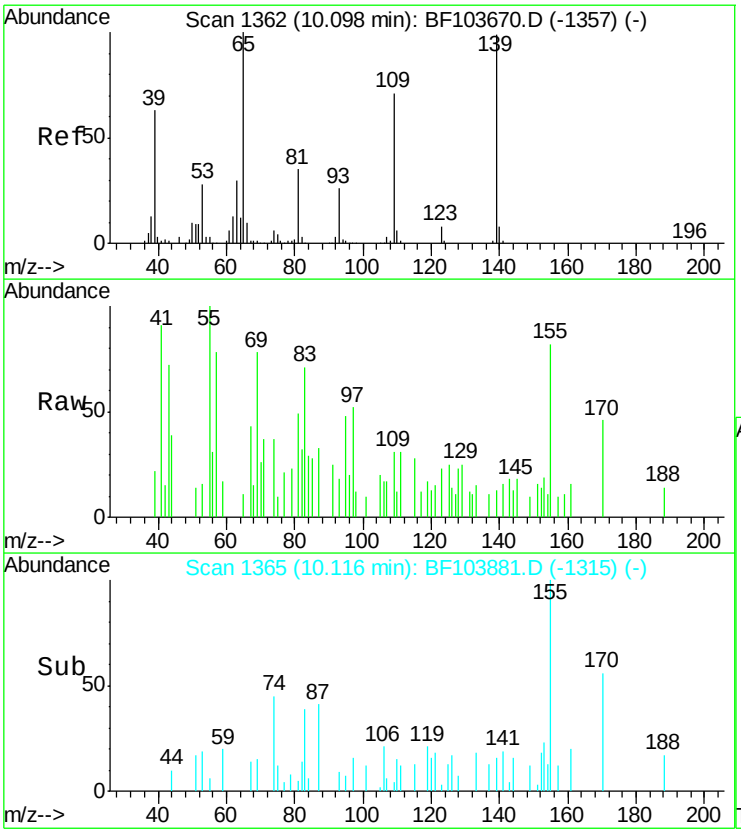
#52
3-Nitroaniline
Concen: 3.838 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.18 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 111

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

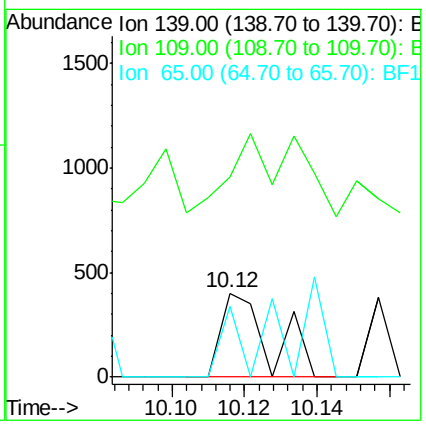


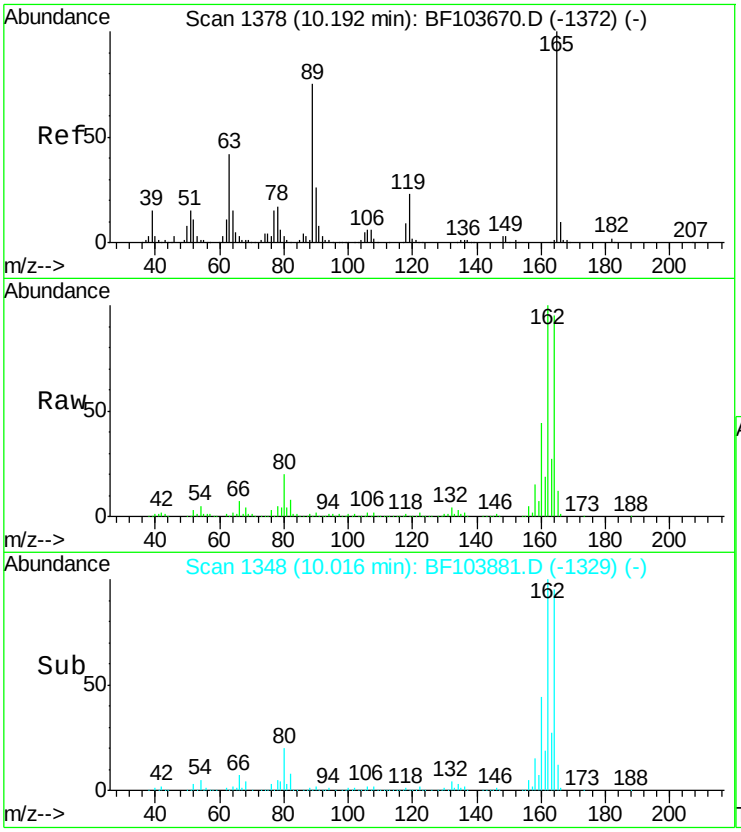


#55
4-Nitrophenol
Concen: 5.073 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:139 Resp: 378

Ion	Ratio	Lower	Upper
139	100		
109	238.3	48.4	88.4#
65	84.6	72.6	112.6



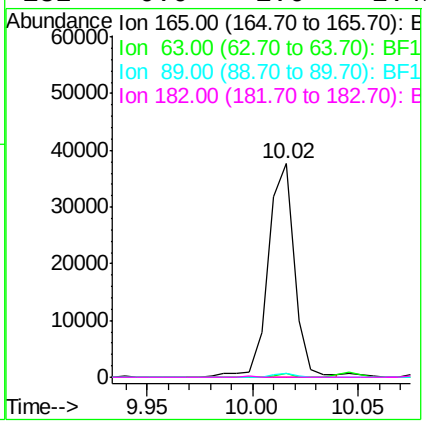


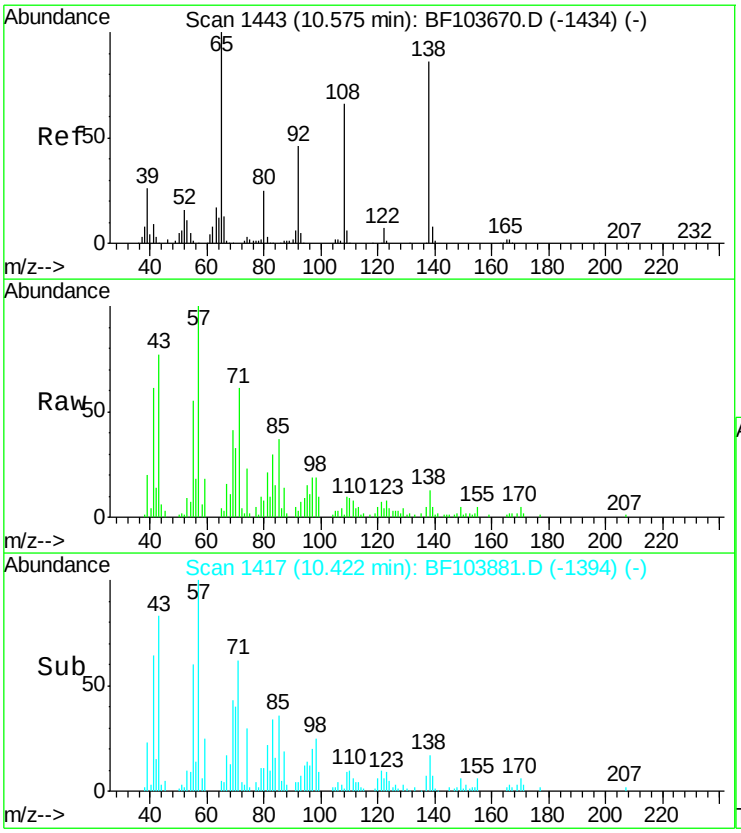
#56
2,4-Dinitrotoluene
Concen: 12.413 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32591

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

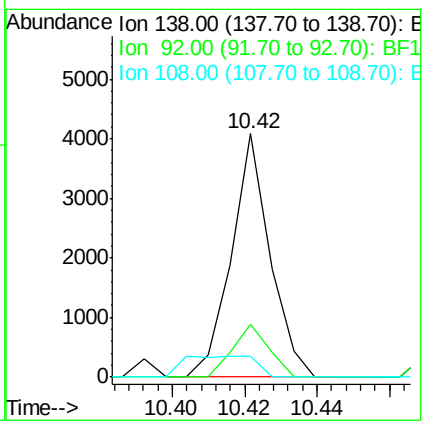


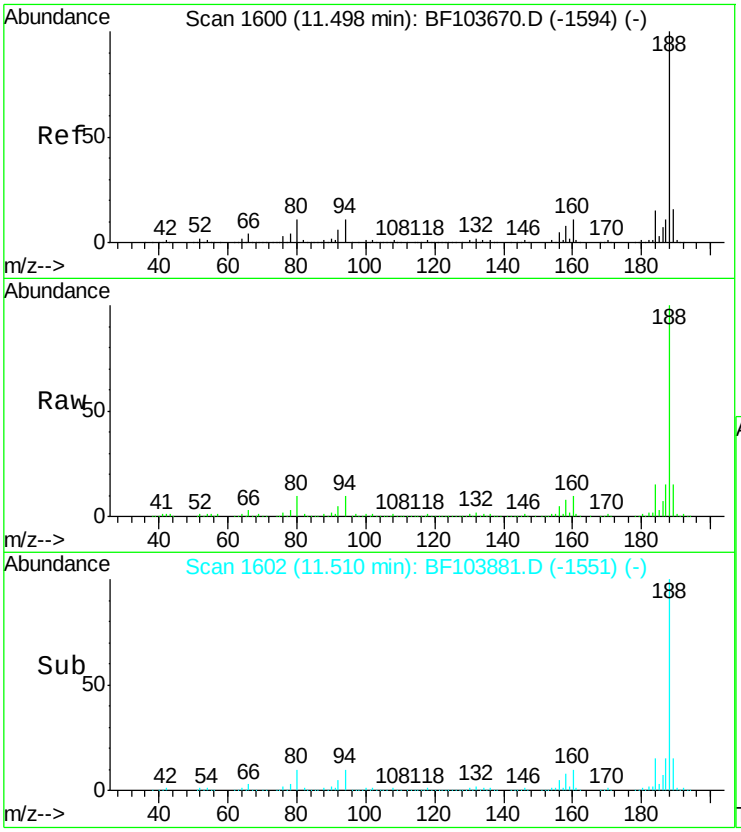


#61
4-Nitroaniline
Concen: 4.419 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.16 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:138 Resp: 3028

Ion	Ratio	Lower	Upper
138	100		
92	21.8	30.2	70.2#
108	8.4	52.5	92.5#



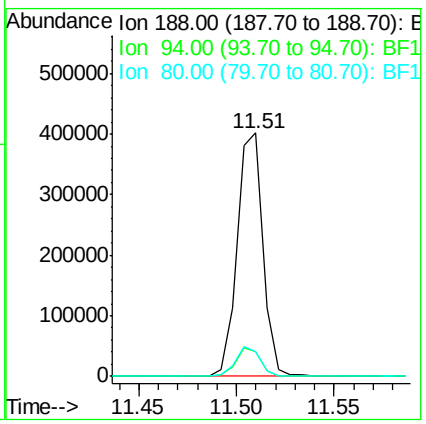


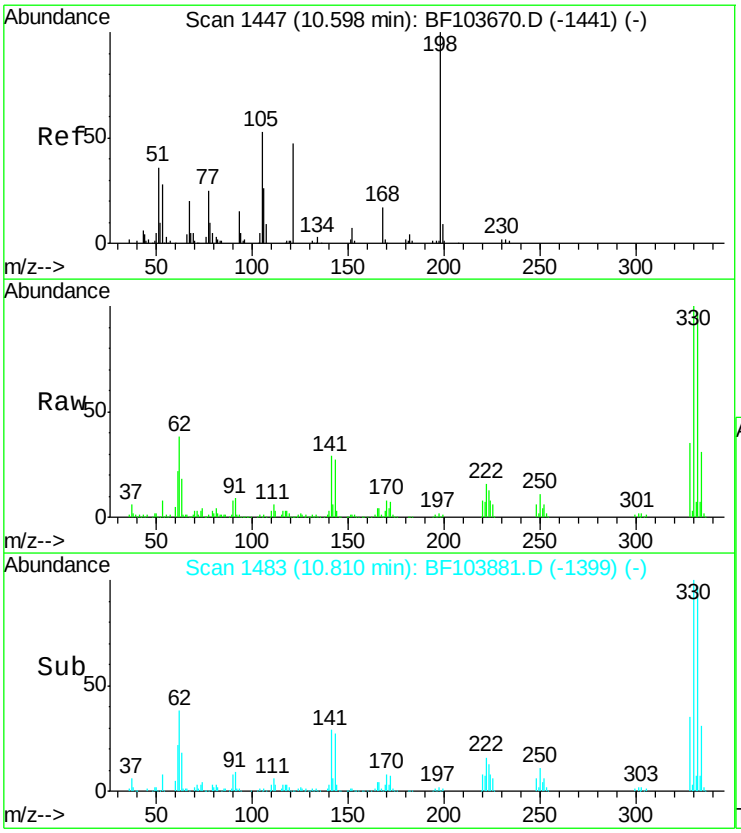
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 366097

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.2	9.2	13.8

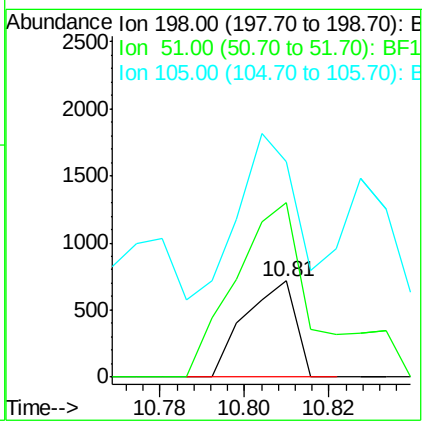


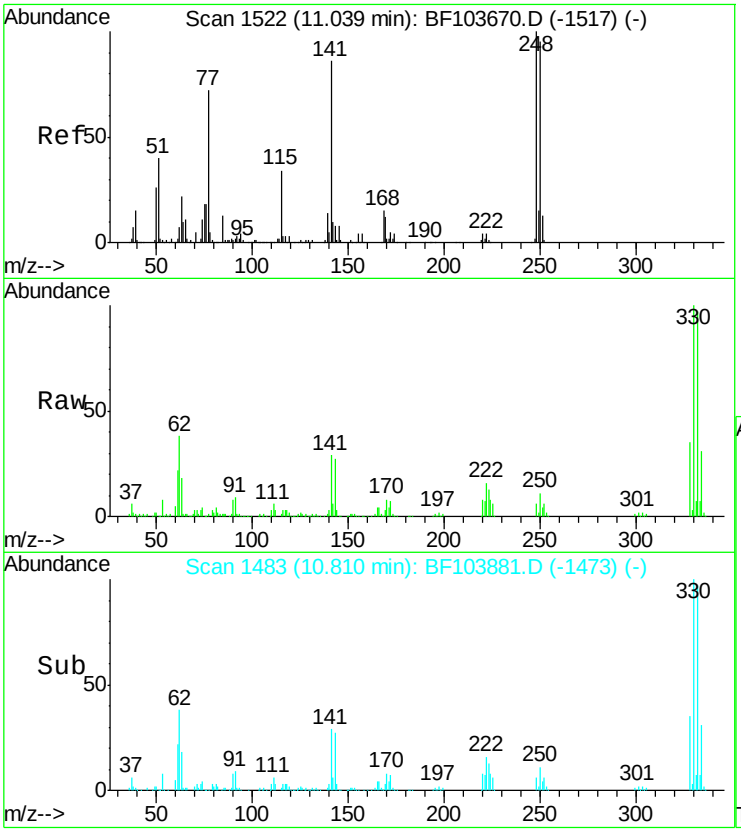


#64
4,6-Dinitro-2-methylphenol
Concen: 8.604 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:198 Resp: 596

Ion	Ratio	Lower	Upper
198	100		
51	181.6	37.7	77.7#
105	223.9	36.3	76.3#



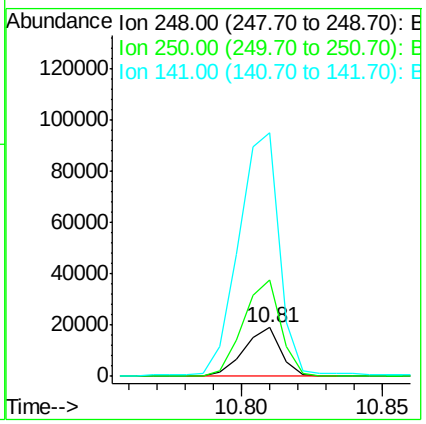


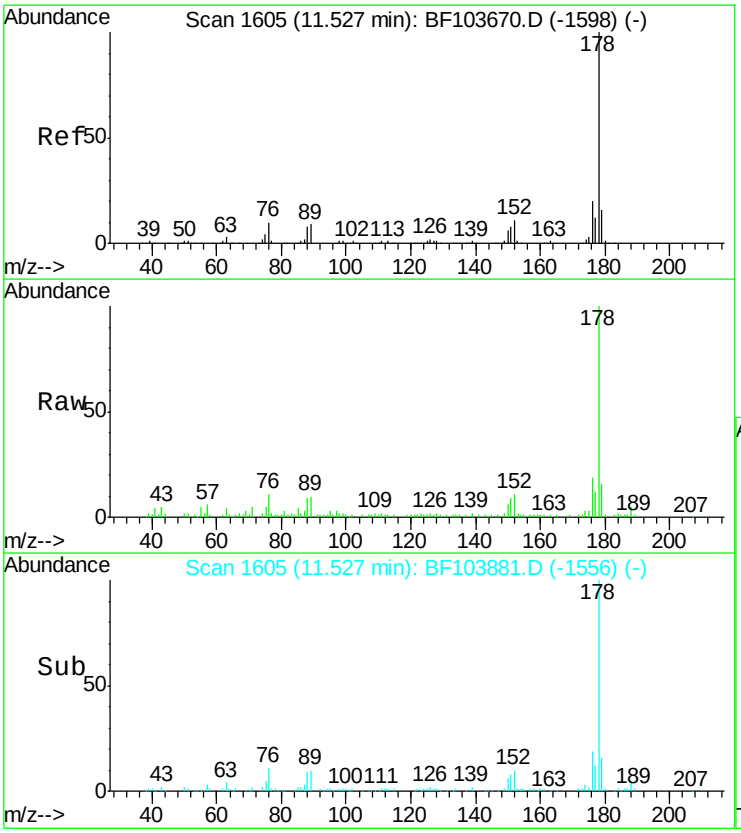
#66
4-Bromophenyl-phenylether
Concen: 4.594 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17269

Ion	Ratio	Lower	Upper
248	100		
250	198.1	76.9	115.3#
141	500.8	74.4	111.6#

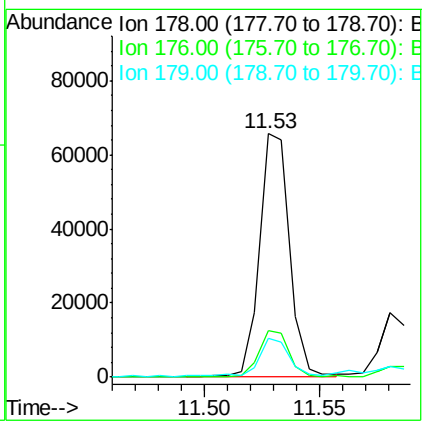


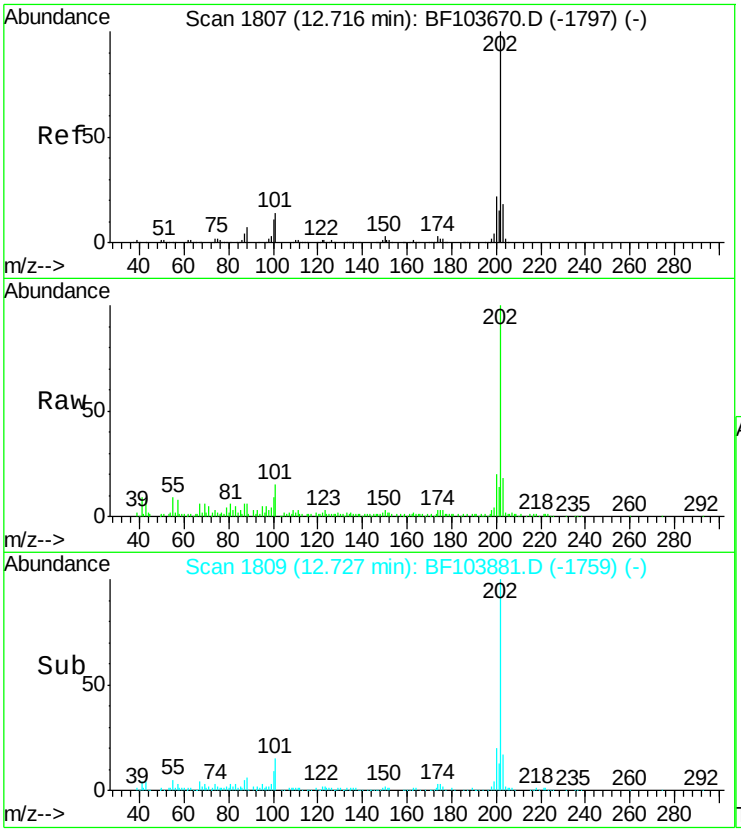


#70
Phenanthrene
Concen: 2.985 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:178 Resp: 59785

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



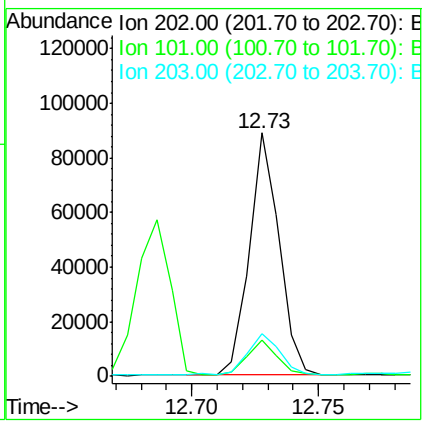


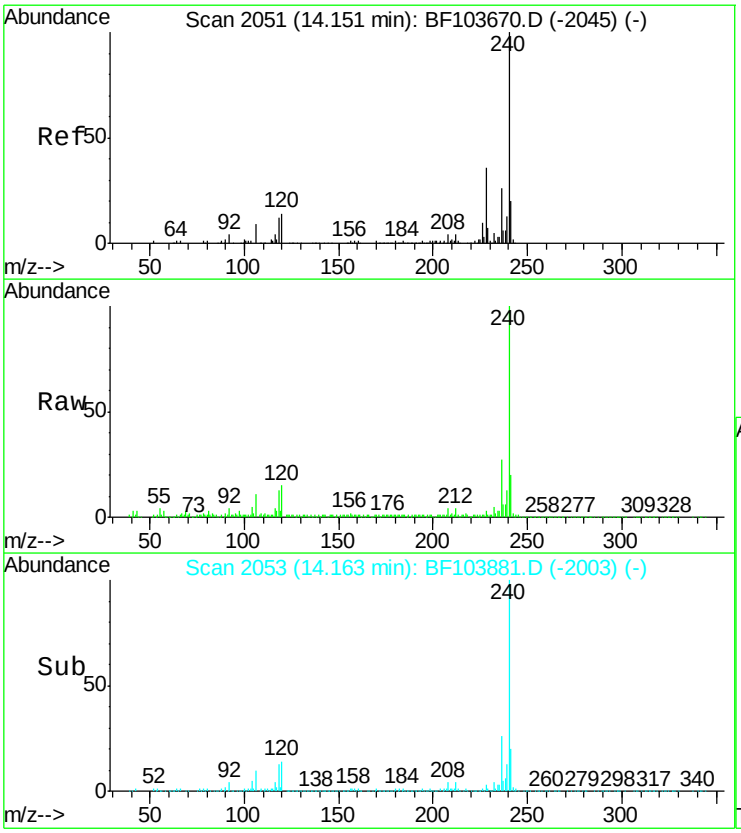
#74
Fluoranthene
Concen: 3.534 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 72917

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.8	0.0	38.1

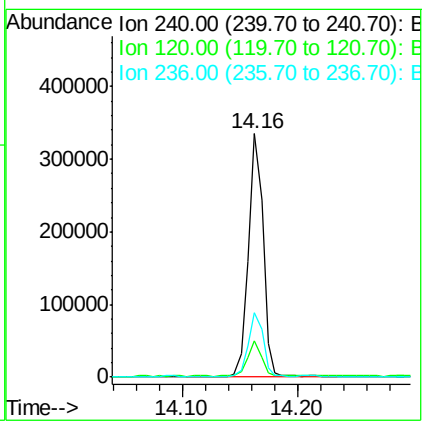


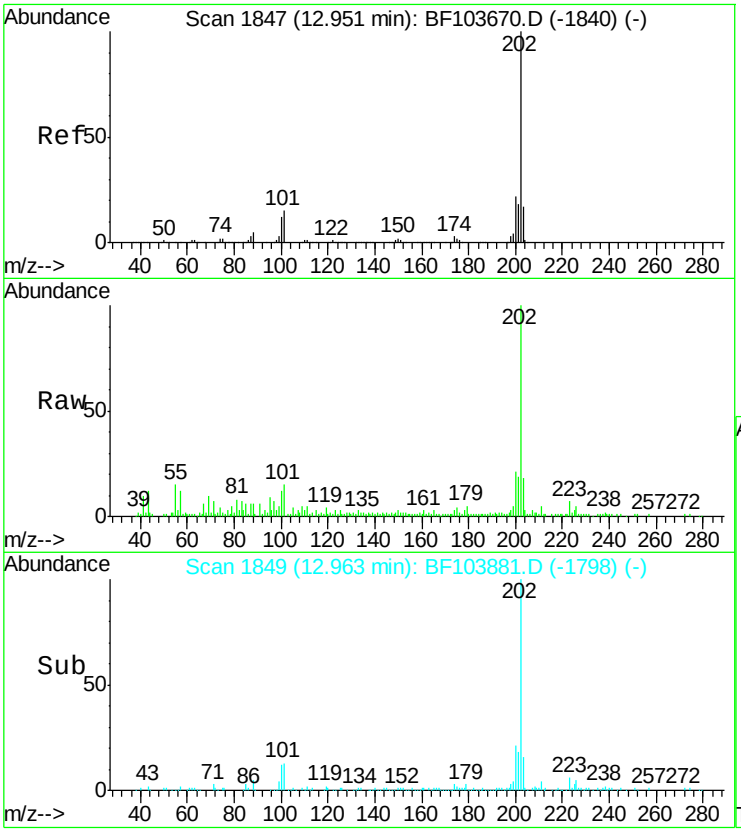


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:240 Resp: 293599

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.6	20.7	31.1



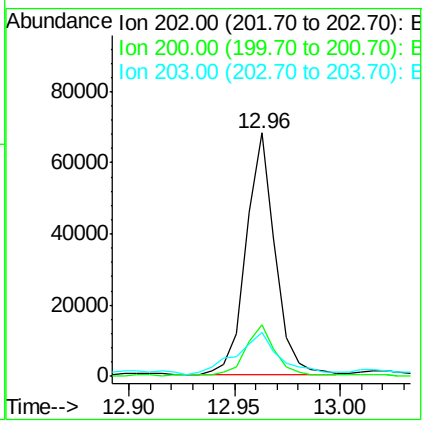


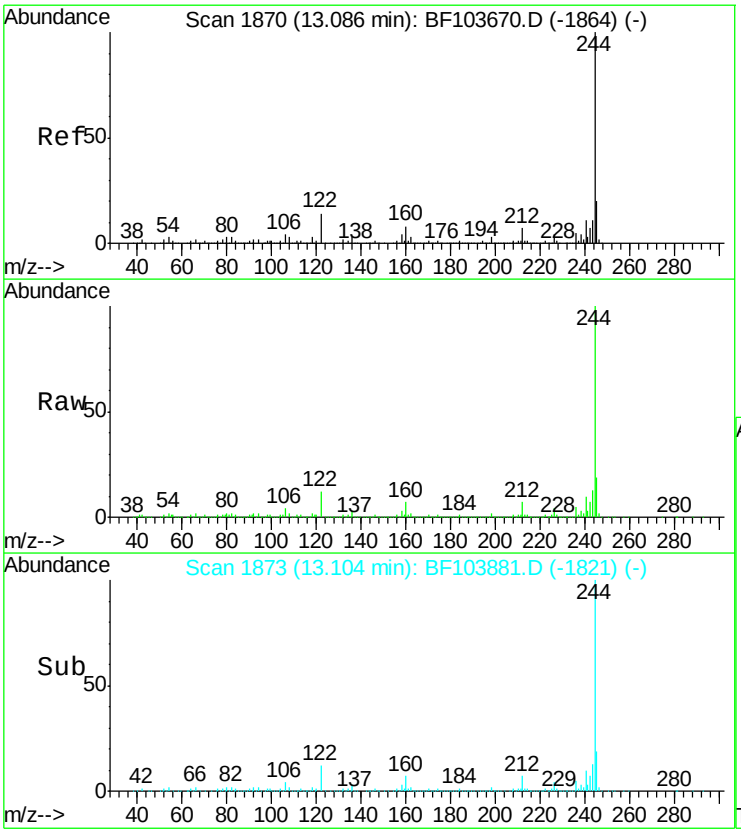
#77
Pyrene
Concen: 2.987 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 64401

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.8	14.3	21.5

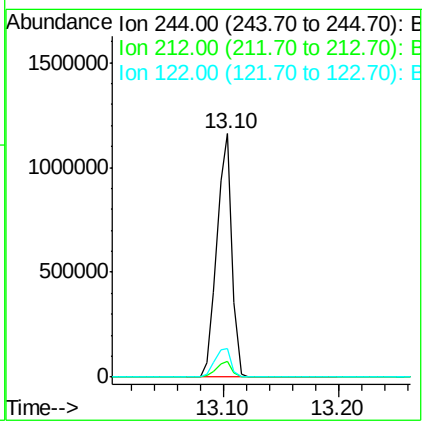


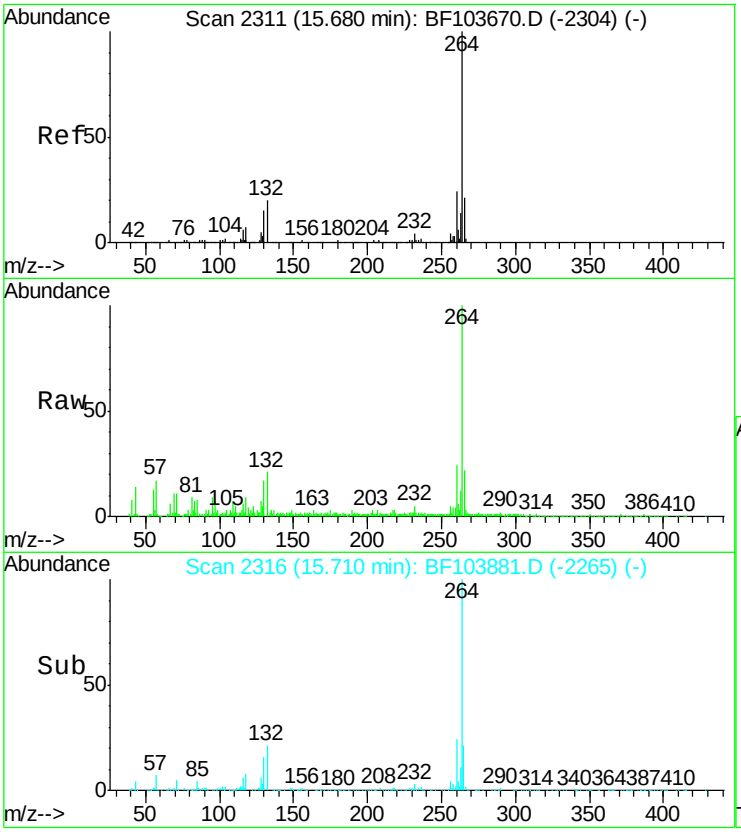


#78
Terphenyl-d14
Concen: 82.602 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:244 Resp: 1044822

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.0	11.0	16.4



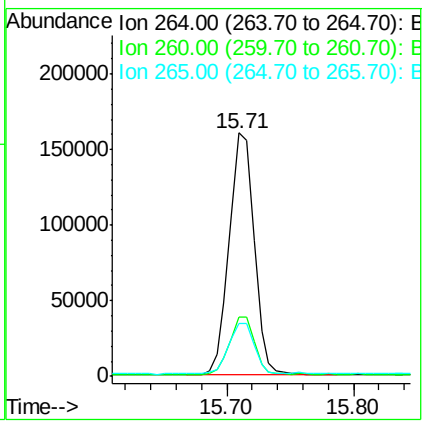


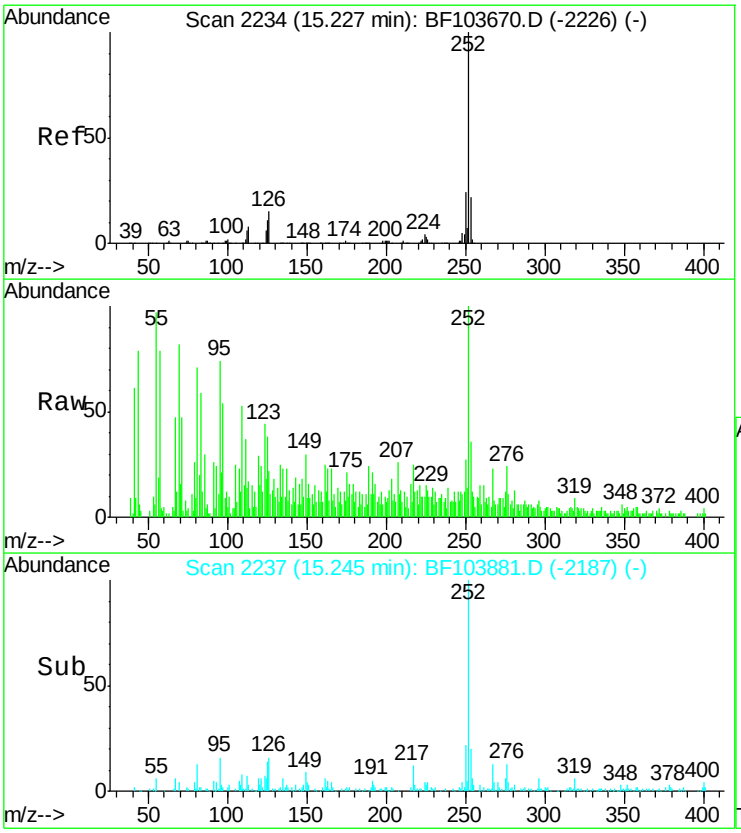
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 217491

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

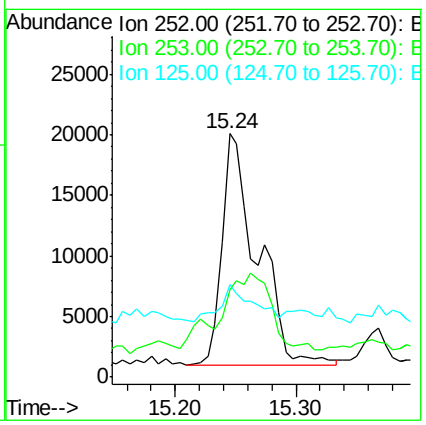


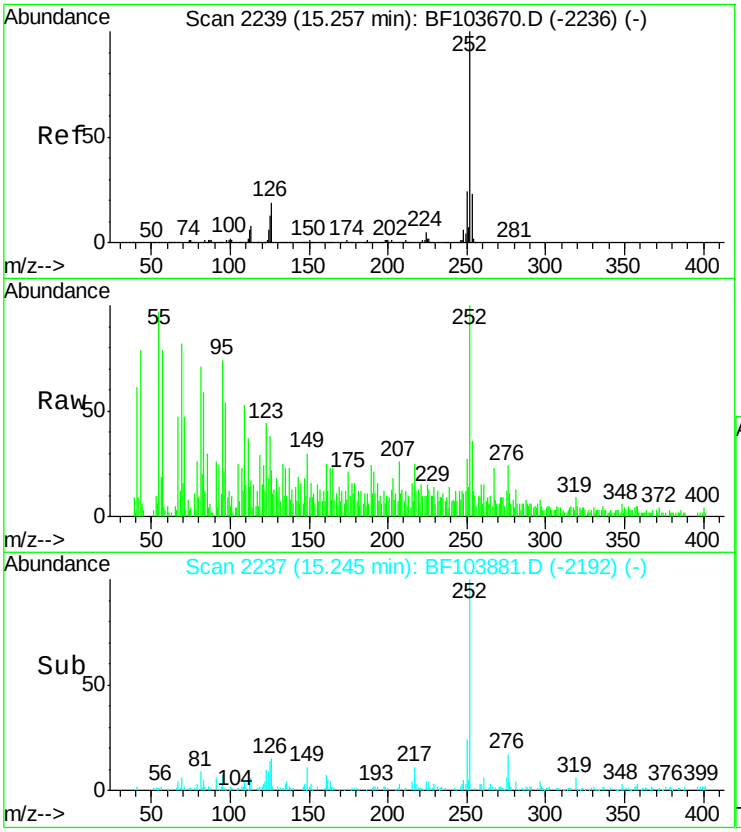


#87
Benzo(b)fluoranthene
Concen: 2.822 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Tgt Ion:252 Resp: 38780

Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.0	25.6#
125	37.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.936 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.04 min
Lab File: BF103881.D
Acq: 23 Mar 2018 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38780

Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.9	26.9#
125	37.9	10.2	15.2#