Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 12 21:56:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	214080	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	824078	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	314238	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	431522	20.00	ng		0.00
75) Chrysene-d12	13.89	240	336422	20.00	ng		0.00
86) Perylene-d12	15.31	264	280907	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1434521	94.62	ng		0.02
7) Phenol-d6	6.37	99	1652299	91.35	ng		0.00
23) Nitrobenzene-d5	7.30	82	1018780	72.65	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	225579	82.26	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1349346	67.08	ng		0.00
78) Terphenyl-d14	12.84	244	833674	51.45	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	62162	3.041	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	138007	11.642	ng	#	80
25) Isophorone	7.30	82	1018766	36.766	ng	#	64
31) Naphthalene	8.03	128	213088	5.175	ng		99
49) Dimethylphthalate	9.49	163	291246	11.554	ng		99
51) Acenaphthene	9.80	154	130357	6.283	ng		99
54) Dibenzofuran	9.97	168	197697	6.943	ng		99
55) 4-Nitrophenol	9.97	139	73519	15.524	ng	#	11
57) Fluorene	10.31	166	235743	11.977	ng		98
64) 4,6-Dinitro-2-methylphenol	10.55	198	666	5.913	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	14590	3.202	ng	#	1
70) Phenanthrene	11.27	178	914614	36.285	ng		99
71) Anthracene	11.32	178	321631	12.581	ng		100
72) Carbazole	11.48	167	154789	6.160	ng		98
74) Fluoranthene	12.46	202	865297	34.891	ng		98
77) Pyrene	12.69	202	755380	25.402	ng		100
80) Benzo(a)anthracene	13.87	228	421569	19.640	ng		100
82) Chrysene	13.91	228	371203	16.585	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	106695	6.550	ng		98
87) Benzo(b)fluoranthene	14.90	252	472350	25.789	ng	#	91
88) Benzo(k)fluoranthene	14.90	252	472350	26.733	ng	#	94
89) Benzo(a)pyrene	15.24	252	230610	13.992	ng	#	91
90) Dibenzo(a,h)anthracene	16.70	278	28547	2.170	ng	#	73
91) Benzo(g,h,i)perylene	17.10	276	91314	6.892	ng		93

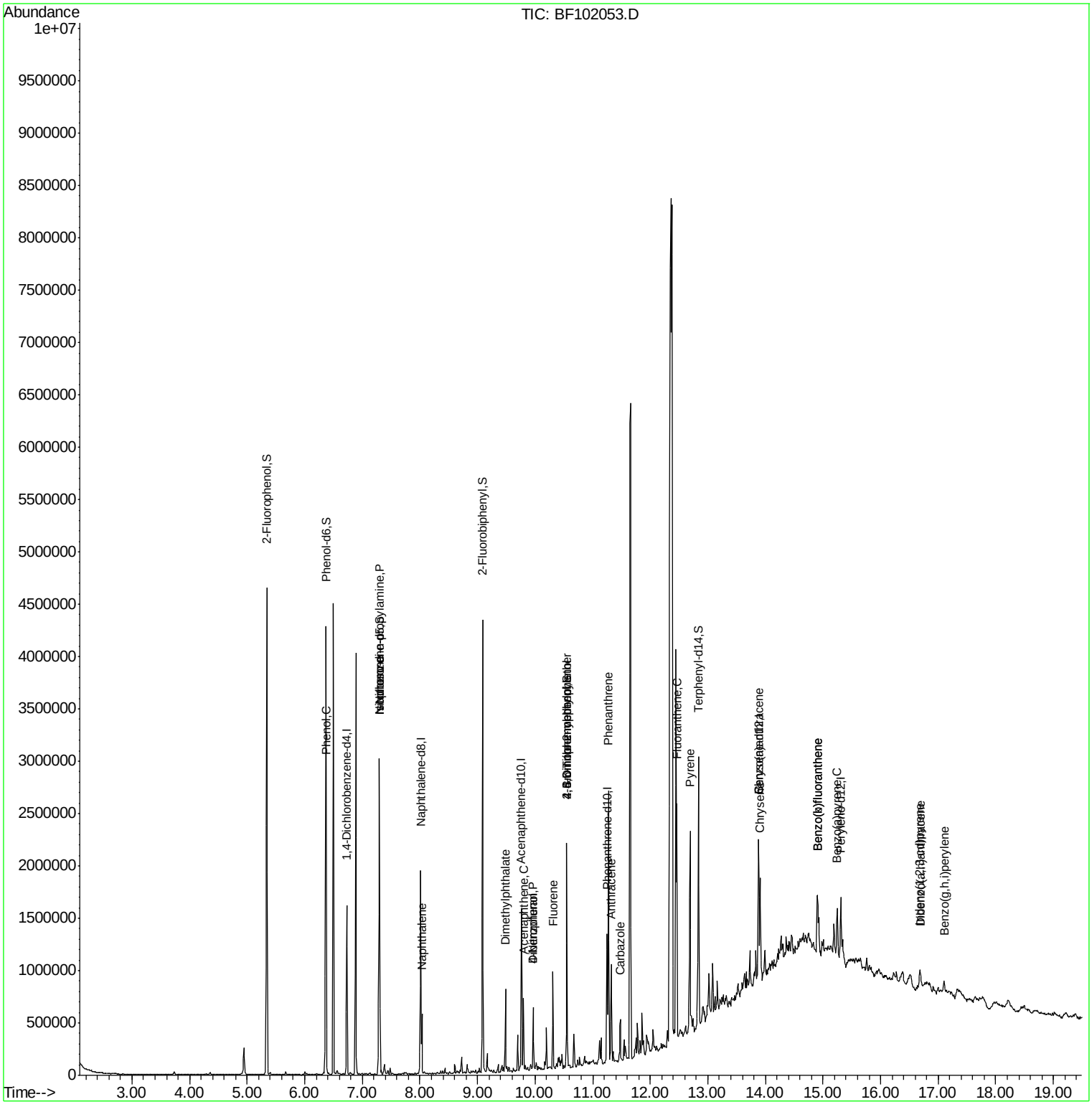
(#) = qualifier out of range (m) = manual integration (+) = signals summed

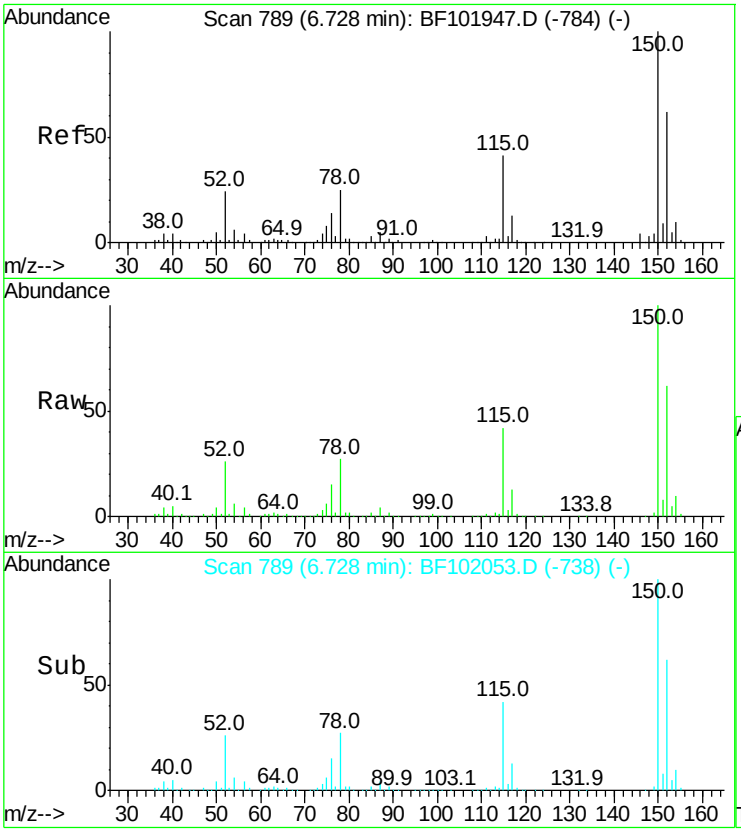
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
Data File : BF102053.D
Acq On : 12 Jan 2018 19:56
Operator : SJ/JU
Sample : J1010-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 12 21:56:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



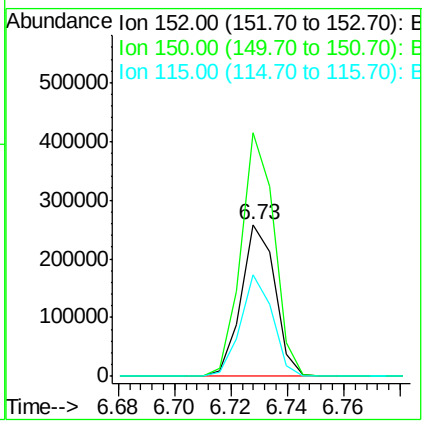


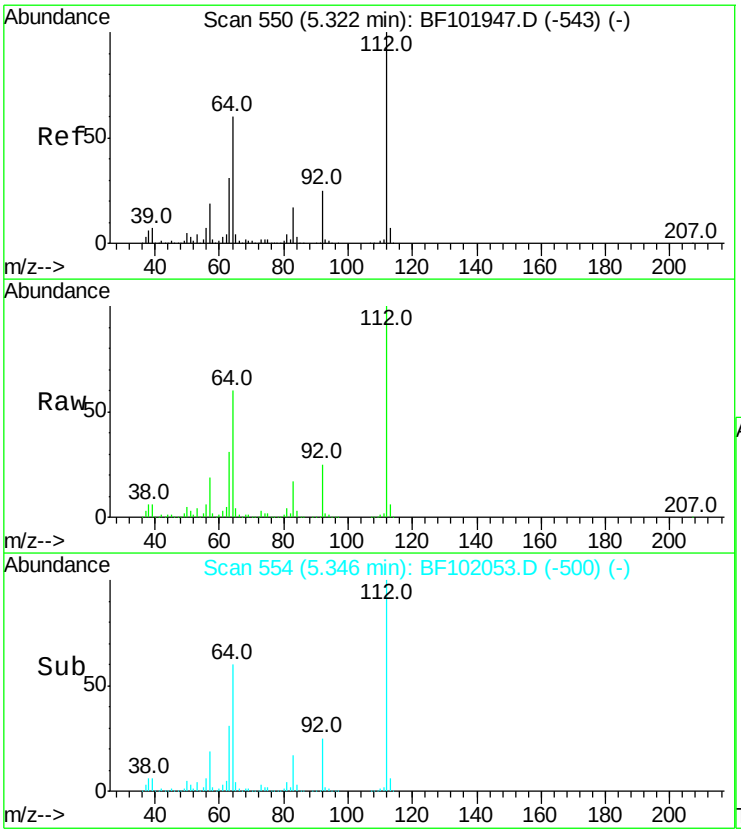
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 214080

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	66.9	50.1	75.1

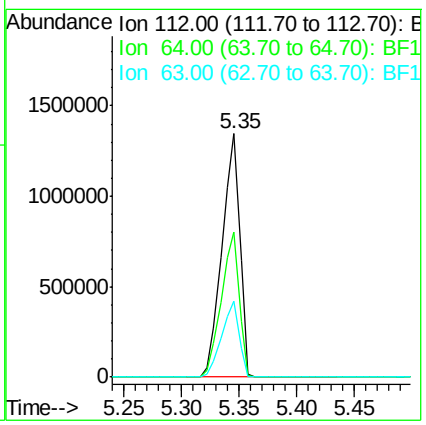


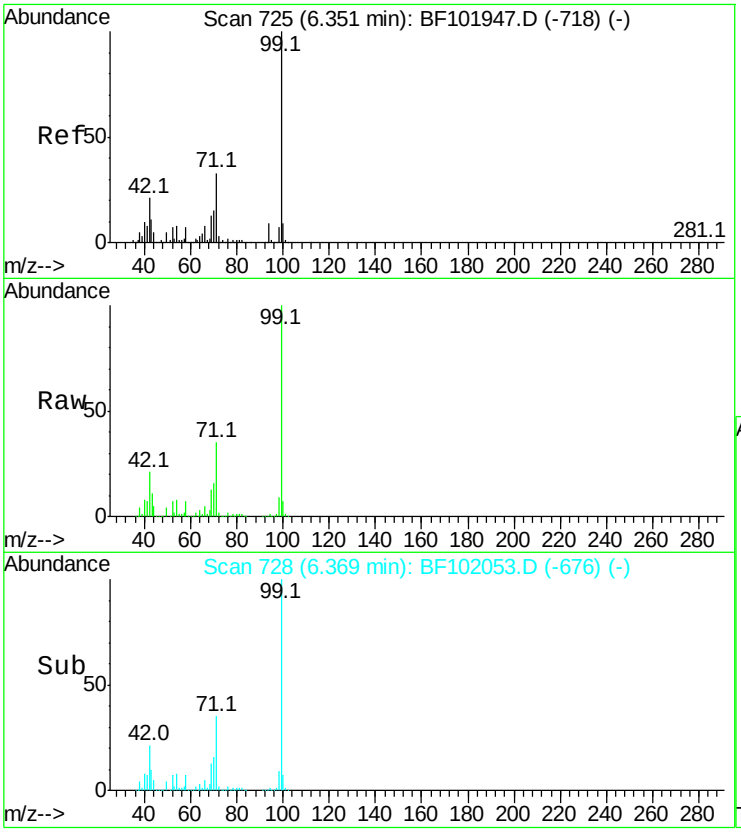


#5
2-Fluorophenol
Concen: 94.622 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:112 Resp: 1434521

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.1	23.7	35.5



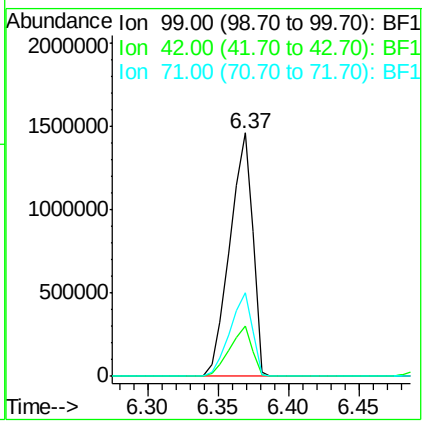


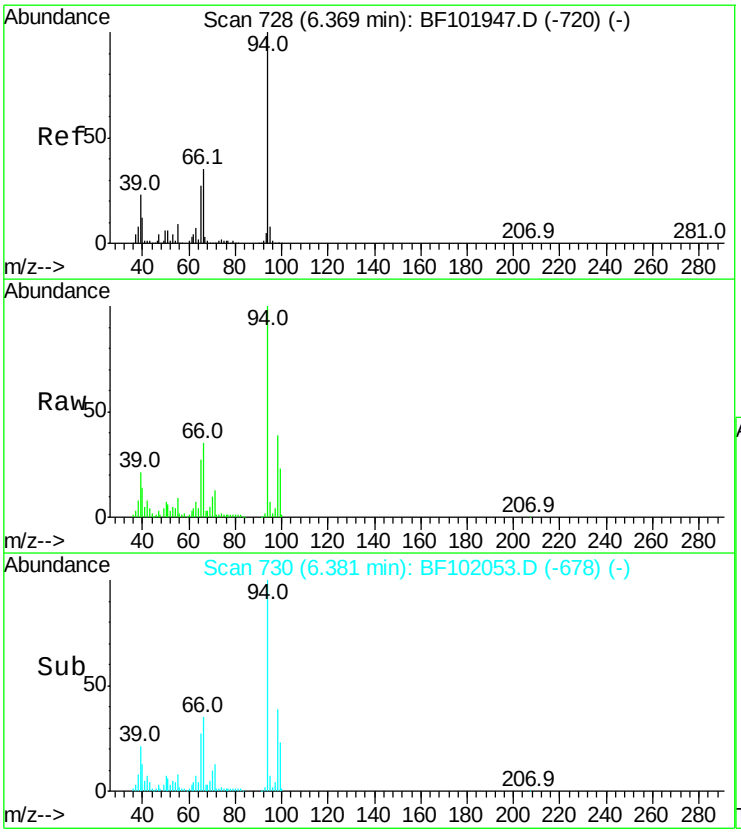
#7
Phenol-d6
Concen: 91.347 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1652299

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	34.5	25.4	38.0

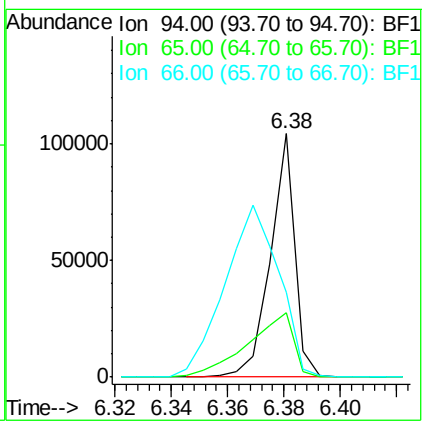


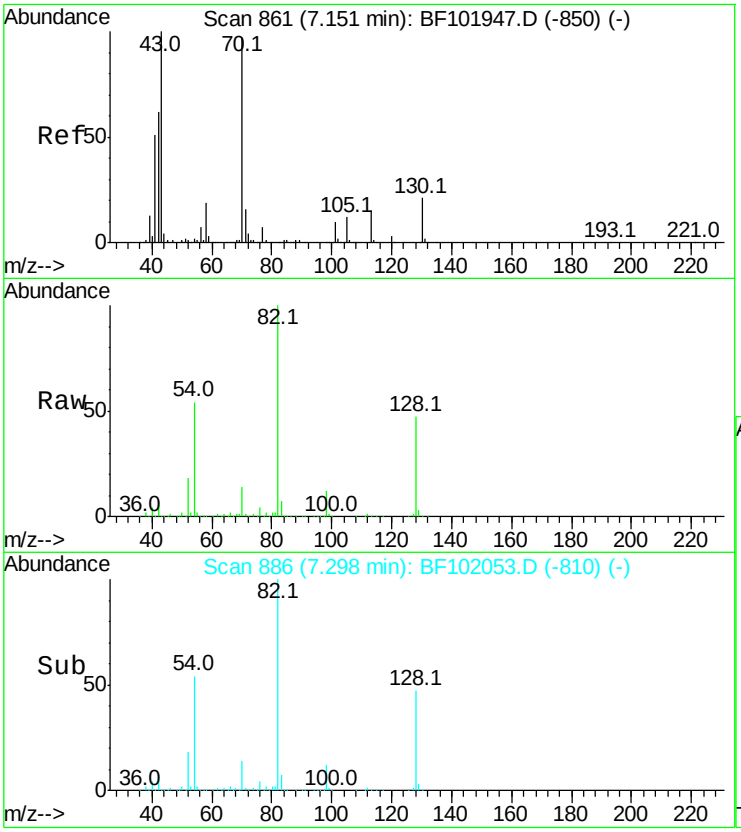


#10
Phenol
Concen: 3.041 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion: 94 Resp: 62162

Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.9	47.9
66	34.7	16.2	56.2



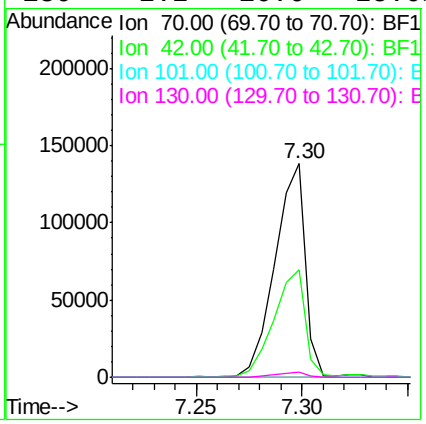


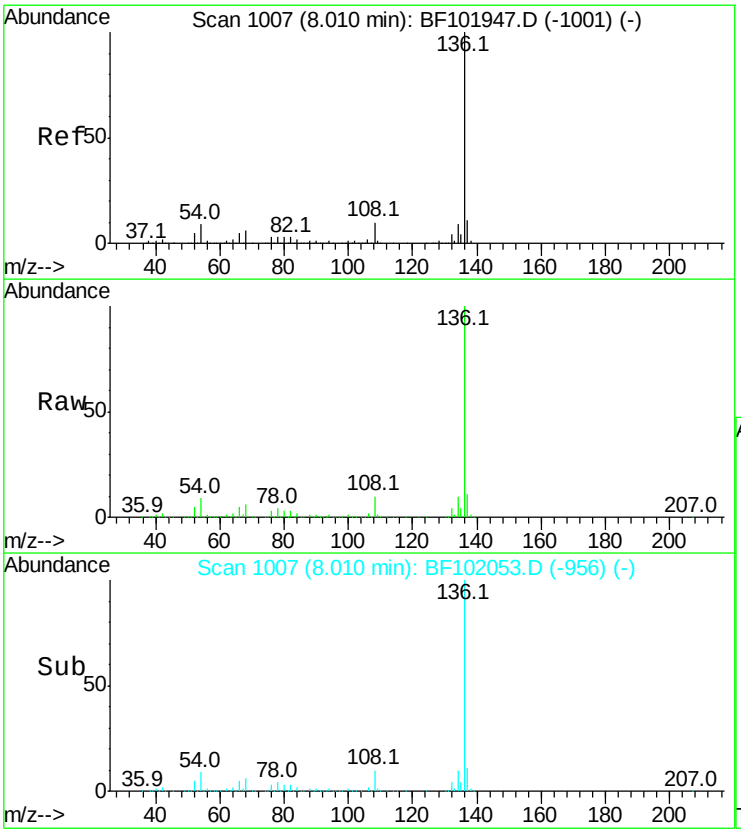
#19
n-Nitroso-di-n-propylamine
Concen: 11.642 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 138007

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

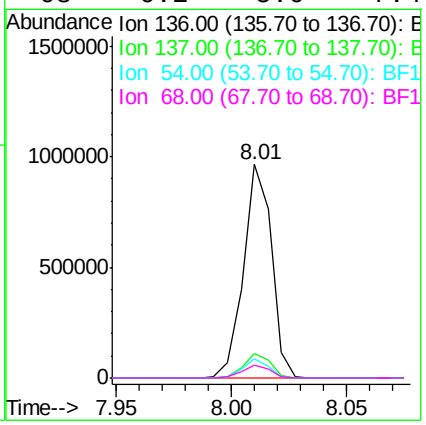


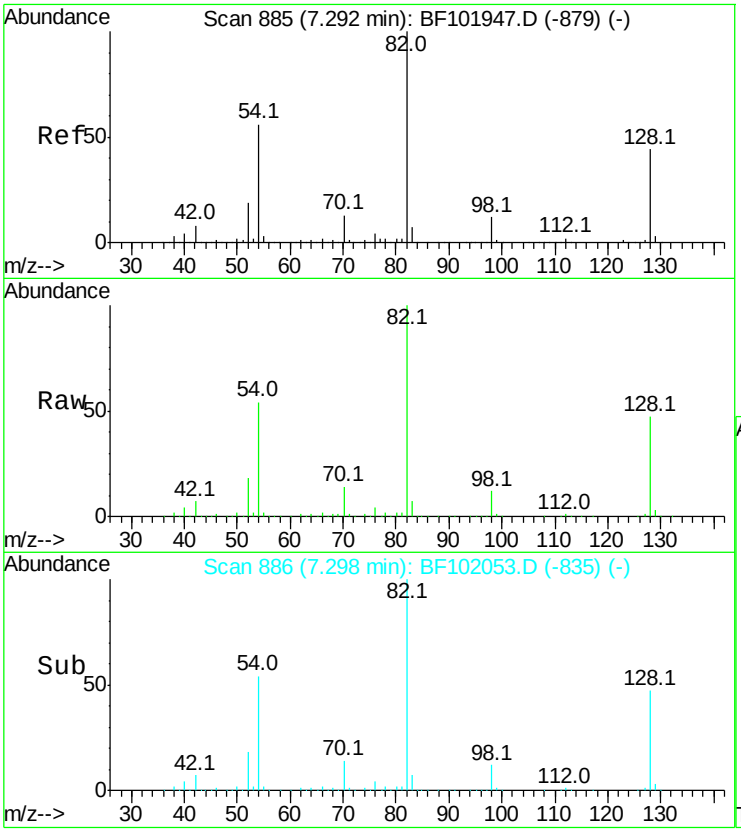


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:136 Resp: 824078

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4



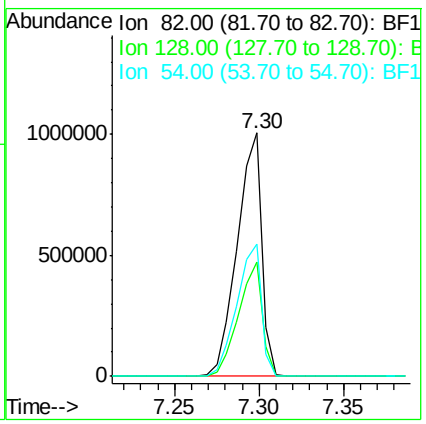


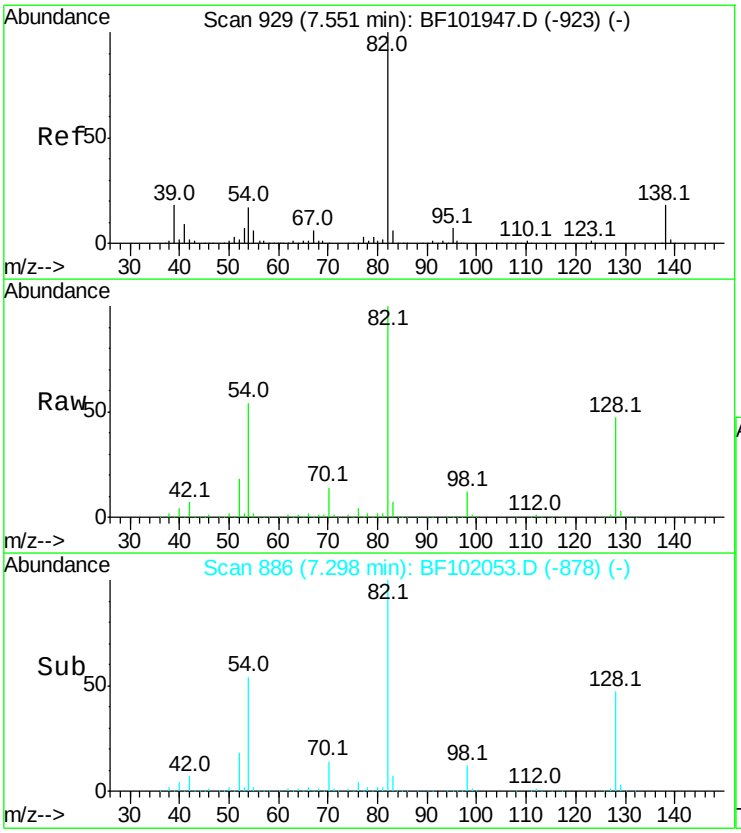
#23
Nitrobenzene-d5
Concen: 72.648 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1018780

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	54.2	41.4	62.2

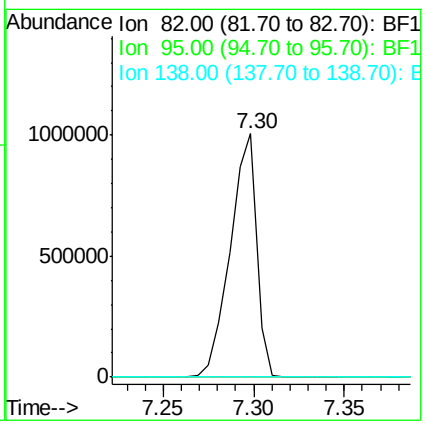


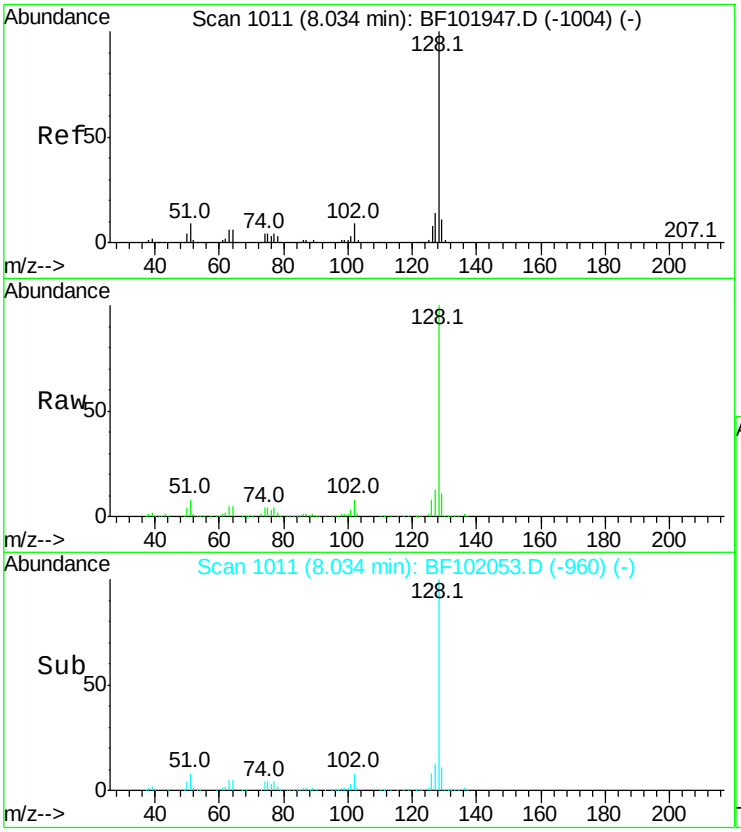


#25
Isophorone
Concen: 36.766 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.25 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion: 82 Resp: 1018766

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



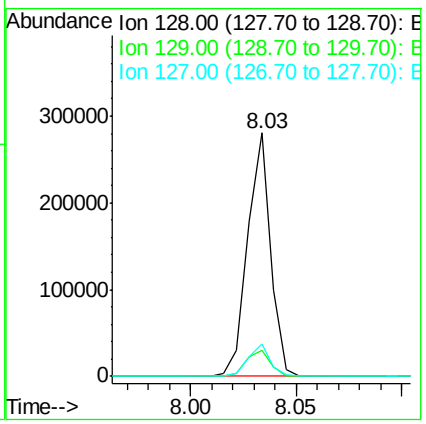


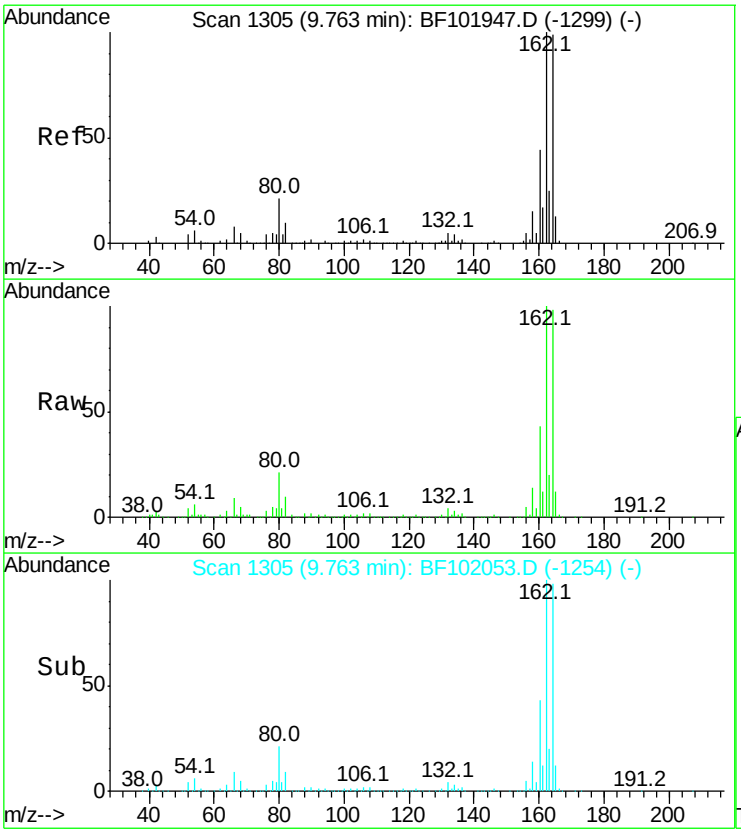
#31
Naphthalene
Concen: 5.175 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 213088

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.3	10.9	16.3

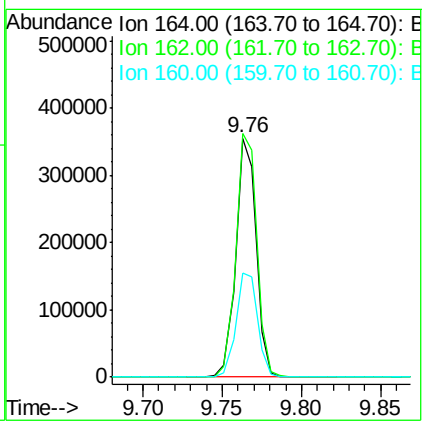


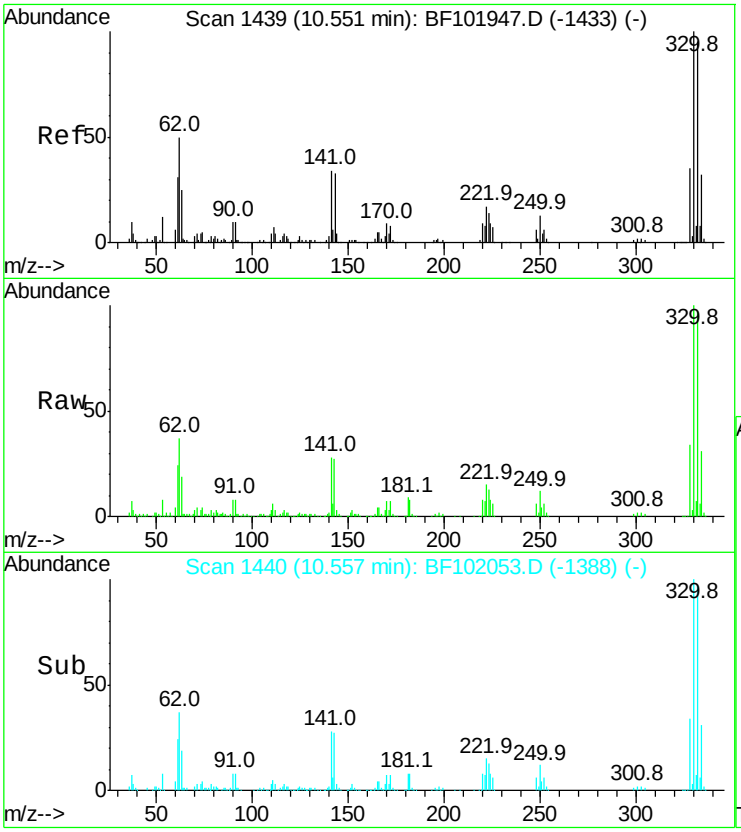


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:164 Resp: 314238

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	43.8	38.3	57.5



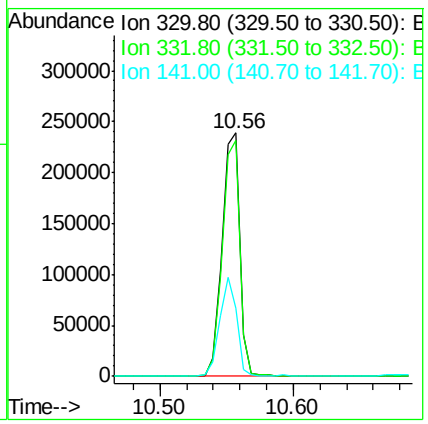


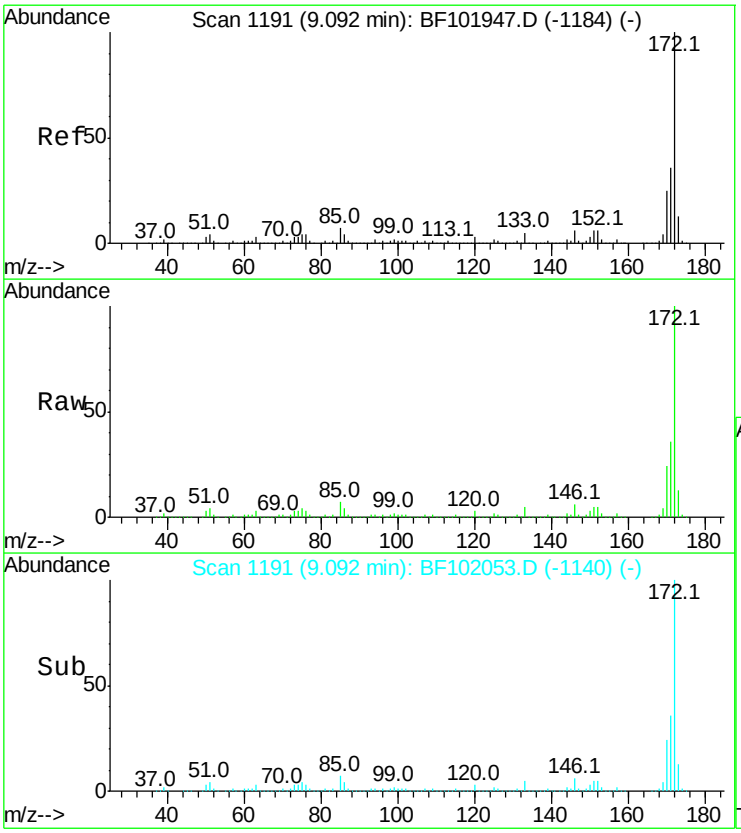
#41
2,4,6-Tribromophenol
Concen: 82.259 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 225579

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.7	29.9	44.9

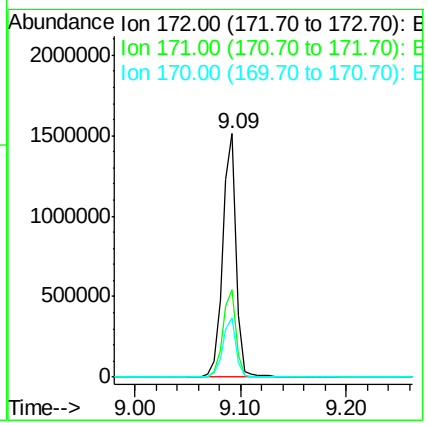


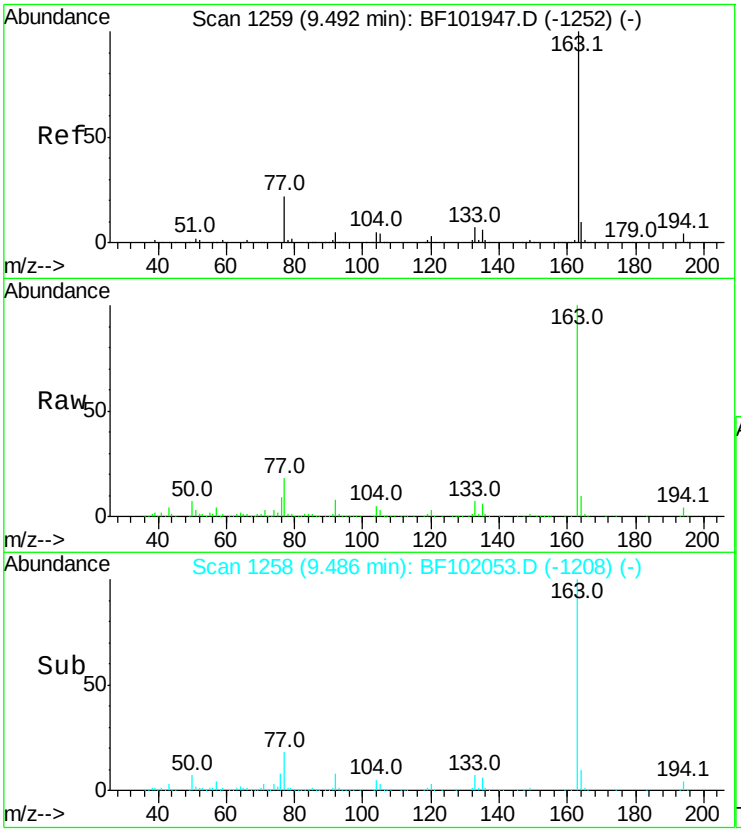


#44
2-Fluorobiphenyl
Concen: 67.084 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:172 Resp: 1349346

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4



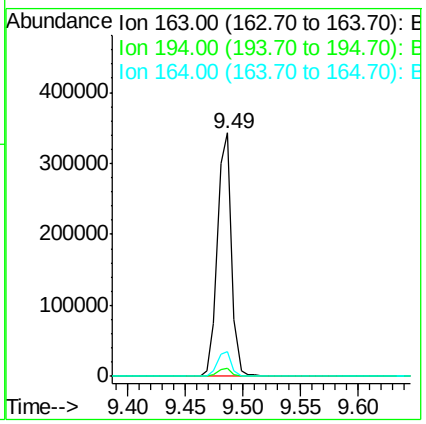


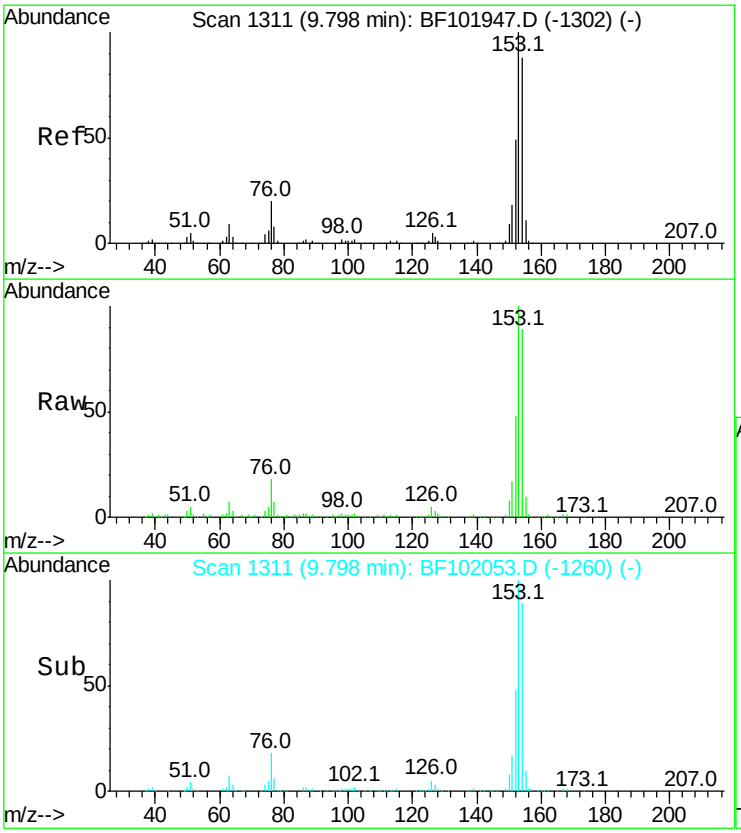
#49
Dimethylphthalate
Concen: 11.554 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 291246

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

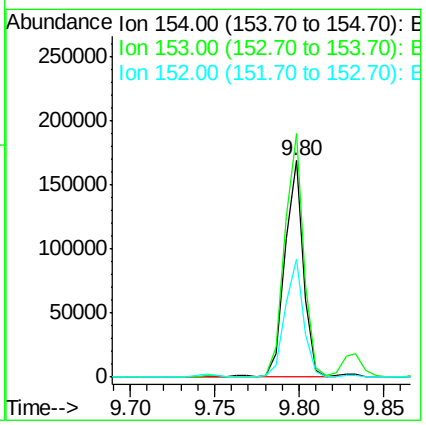


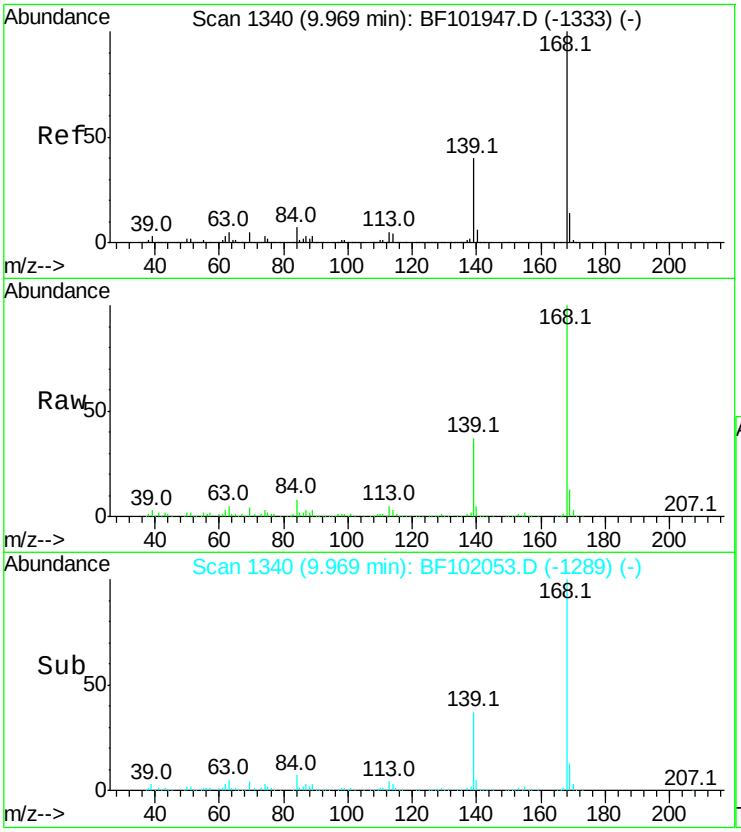


#51
Acenaphthene
Concen: 6.283 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:154 Resp: 130357

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	54.5	43.8	65.8



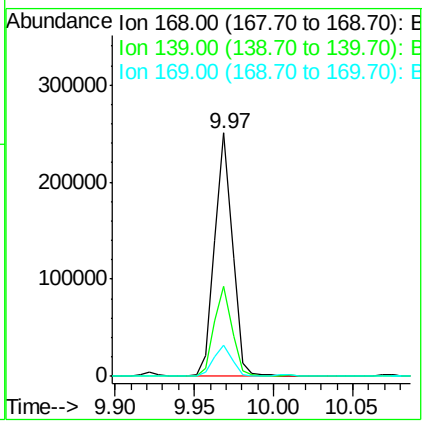


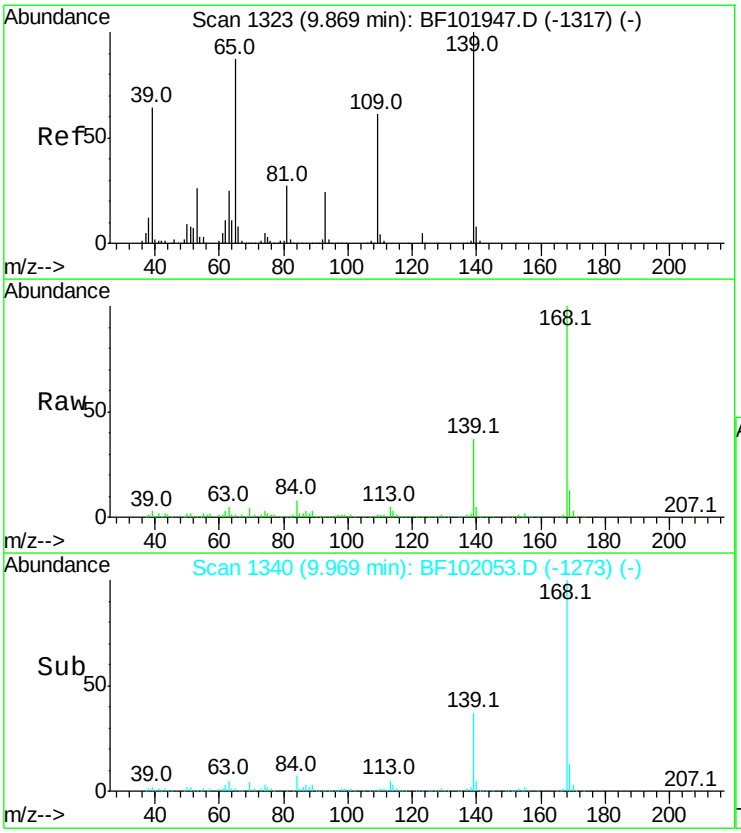
#54
Dibenzofuran
Concen: 6.943 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 197697

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	12.7	10.9	16.3

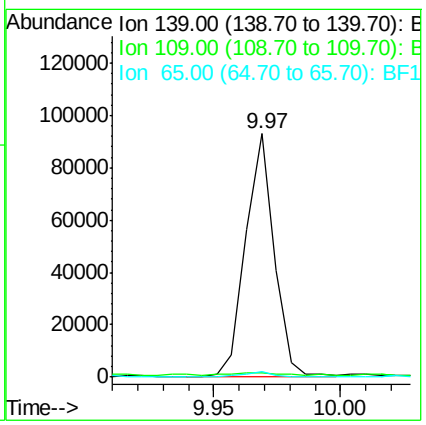


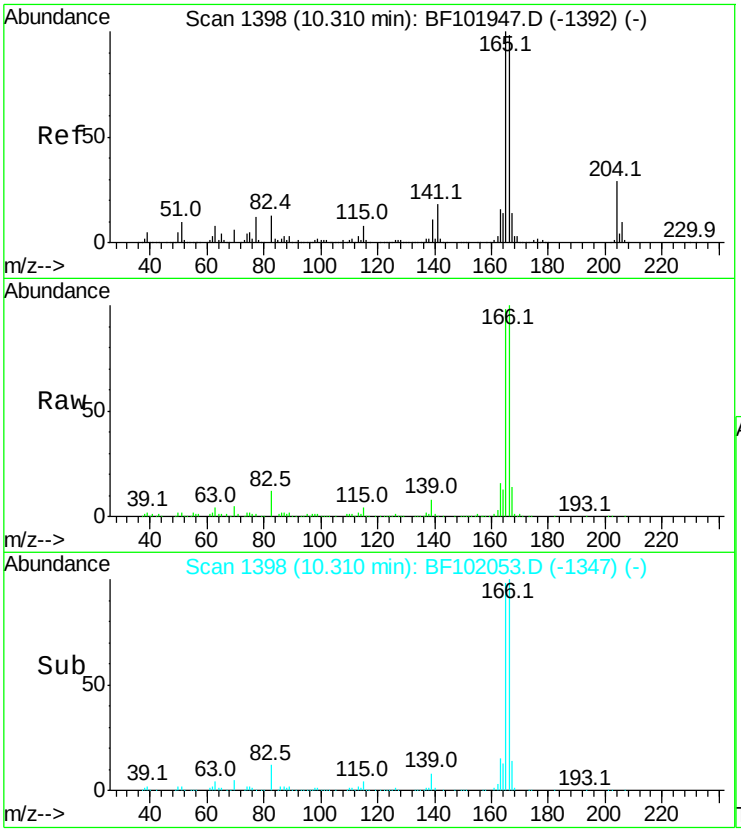


#55
4-Nitrophenol
Concen: 15.524 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.09 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:139 Resp: 73519

Ion	Ratio	Lower	Upper
139	100		
109	1.8	48.4	88.4#
65	2.1	72.6	112.6#



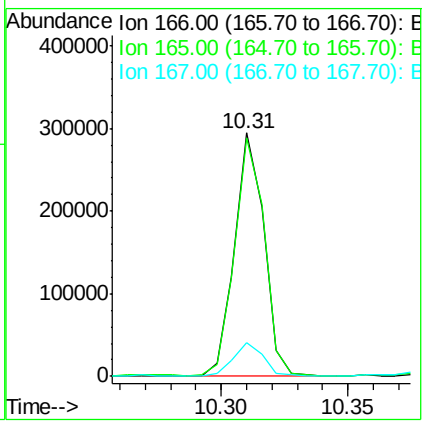


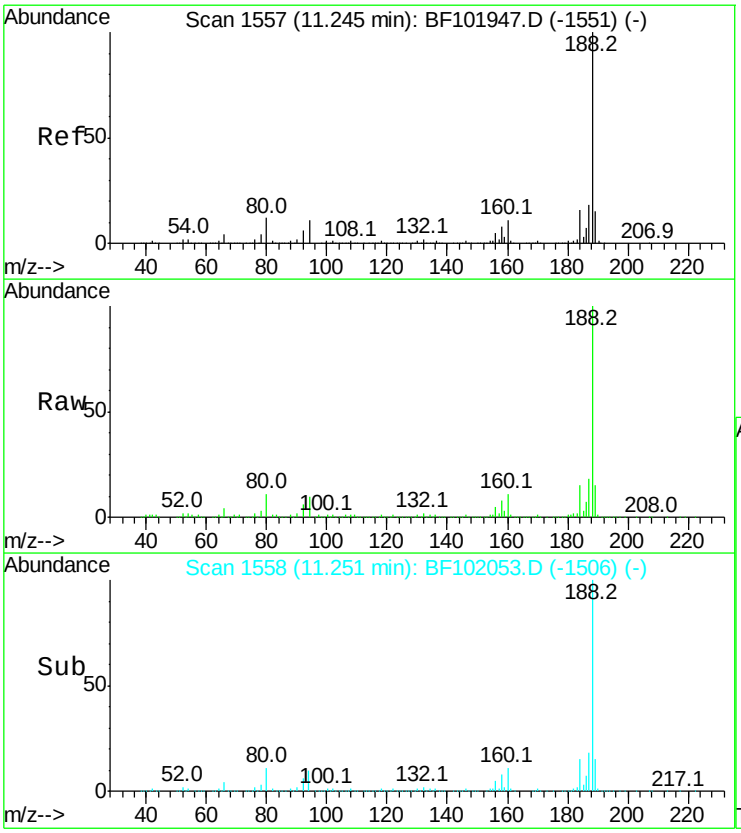
#57
Fluorene
Concen: 11.977 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 235743

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.6	10.6	16.0

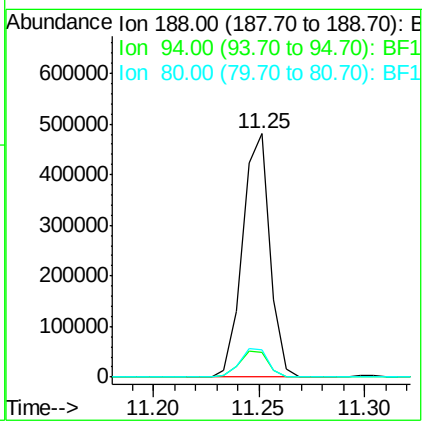


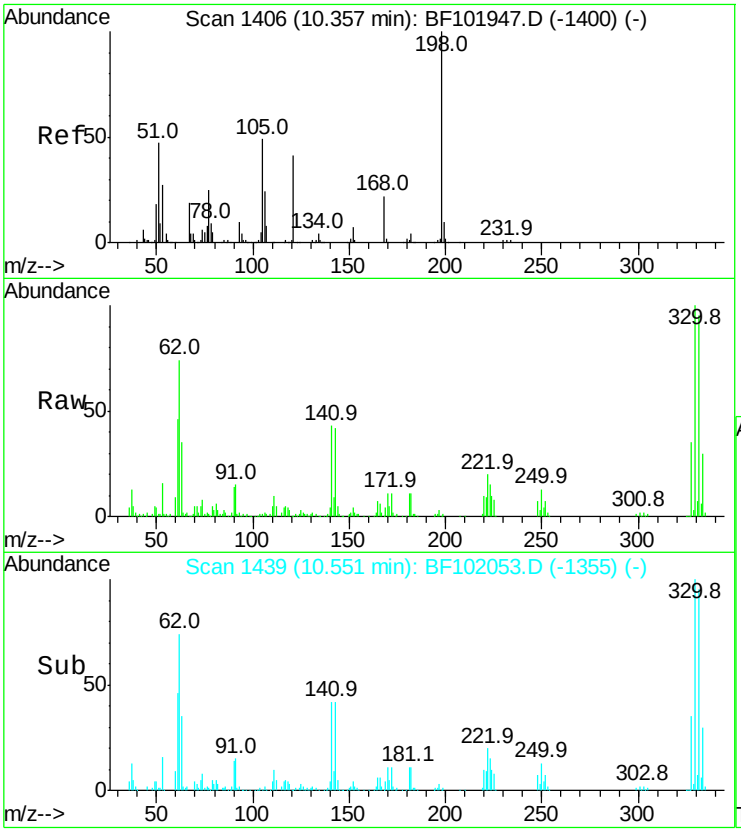


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:188 Resp: 431522

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8



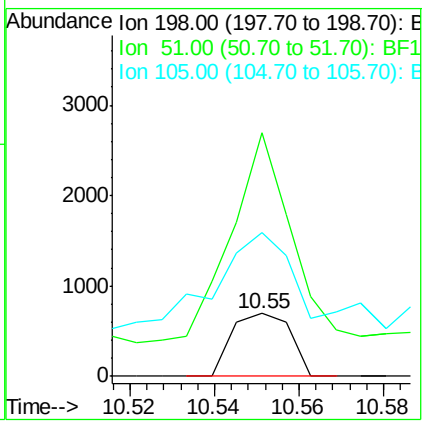


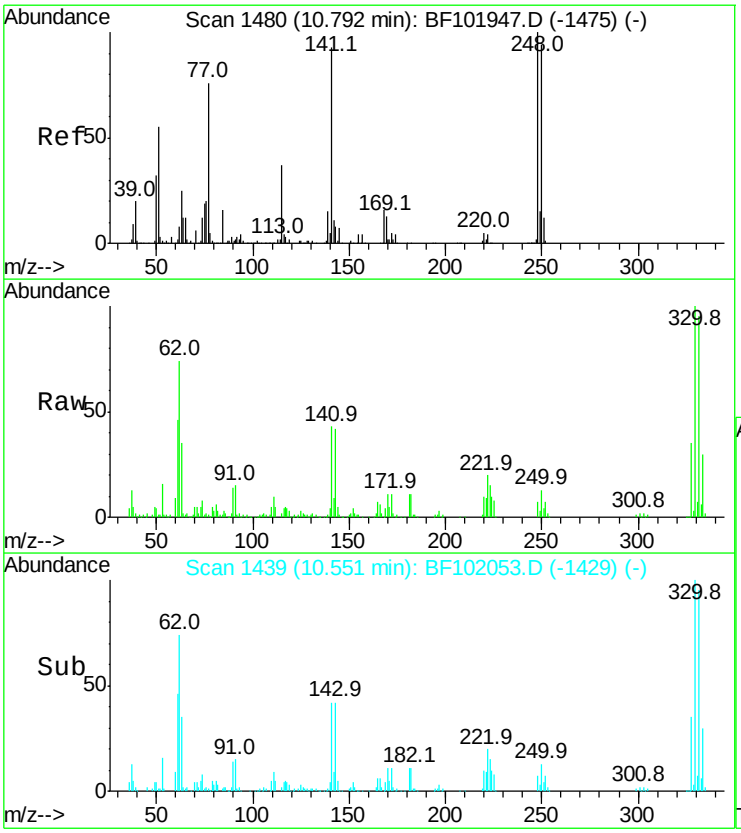
#64
4,6-Dinitro-2-methylphenol
Concen: 5.913 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 666

Ion	Ratio	Lower	Upper
198	100		
51	387.6	37.7	77.7#
105	229.4	36.3	76.3#

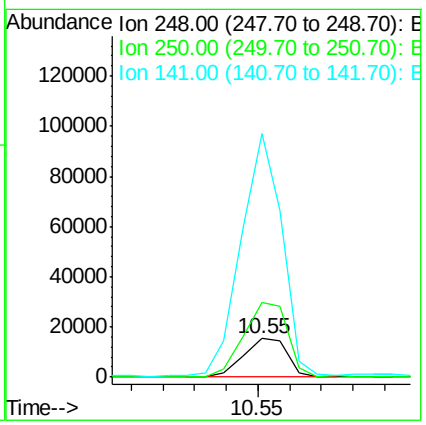


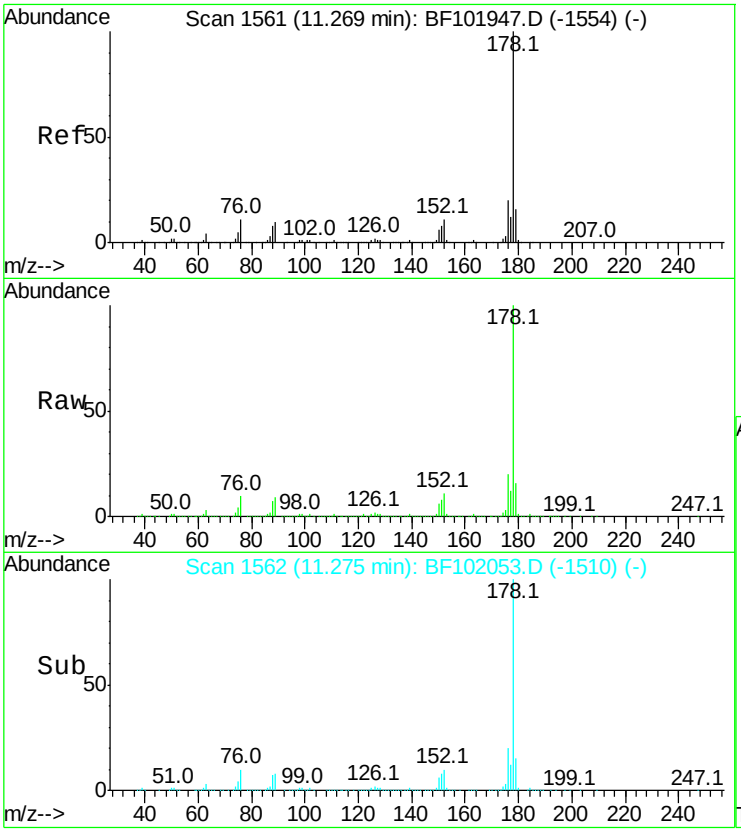


#66
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:248 Resp: 14590

Ion	Ratio	Lower	Upper
248	100		
250	191.2	76.9	115.3#
141	628.4	74.4	111.6#



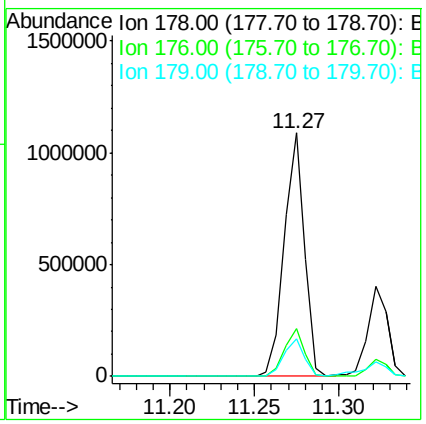


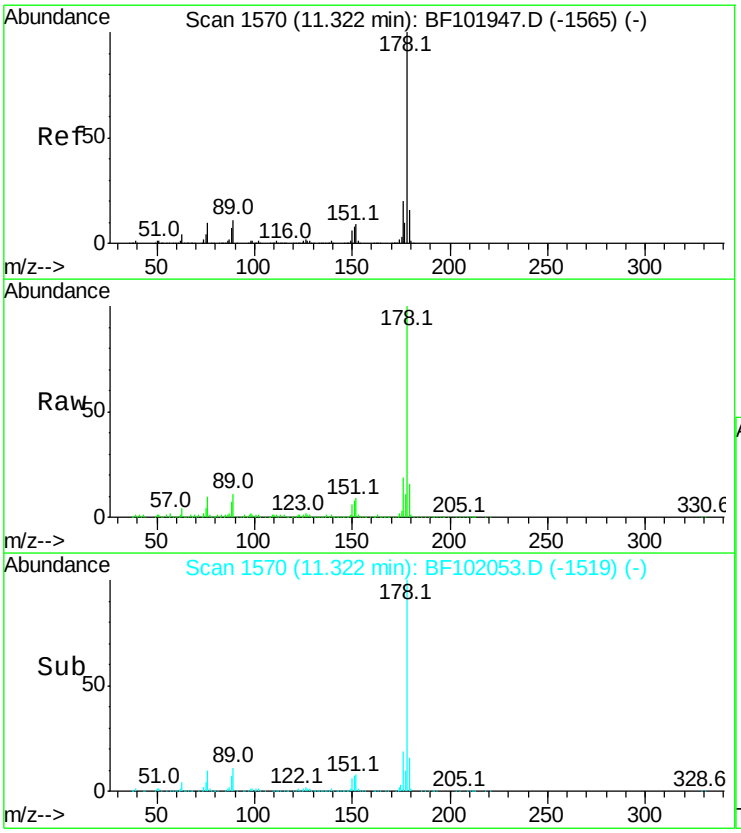
#70
Phenanthrene
Concen: 36.285 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 914614

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6

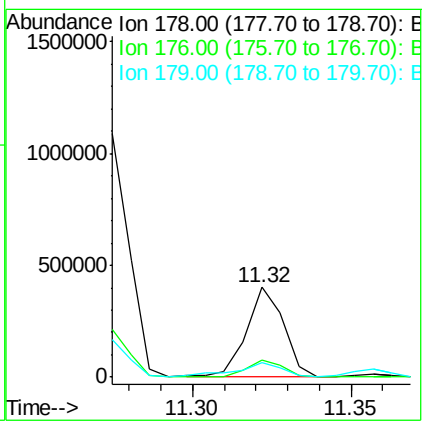


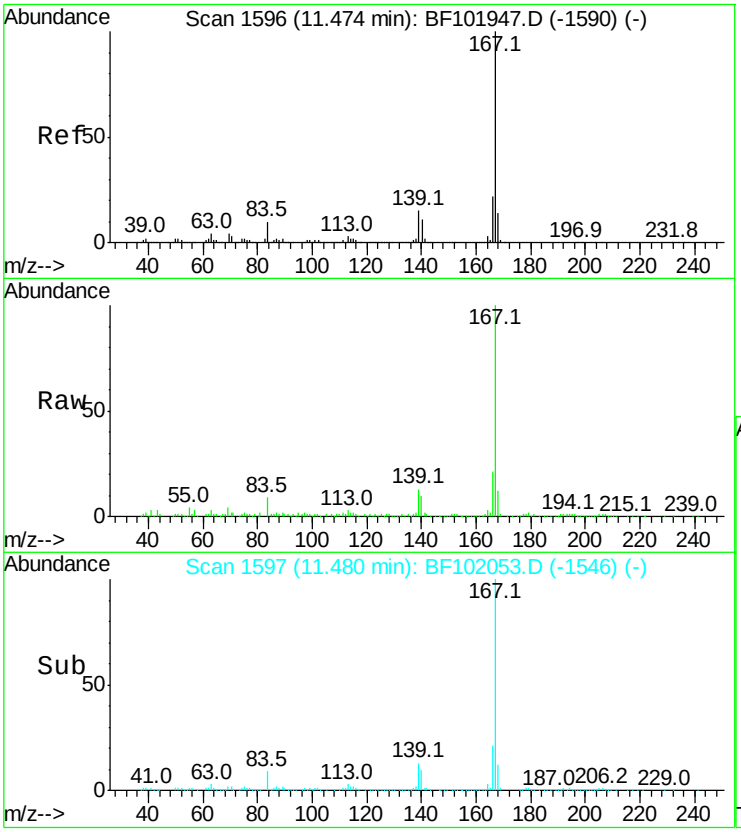


#71
Anthracene
Concen: 12.581 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:178 Resp: 321631

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



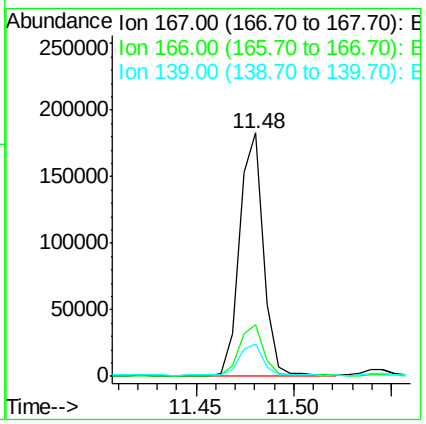


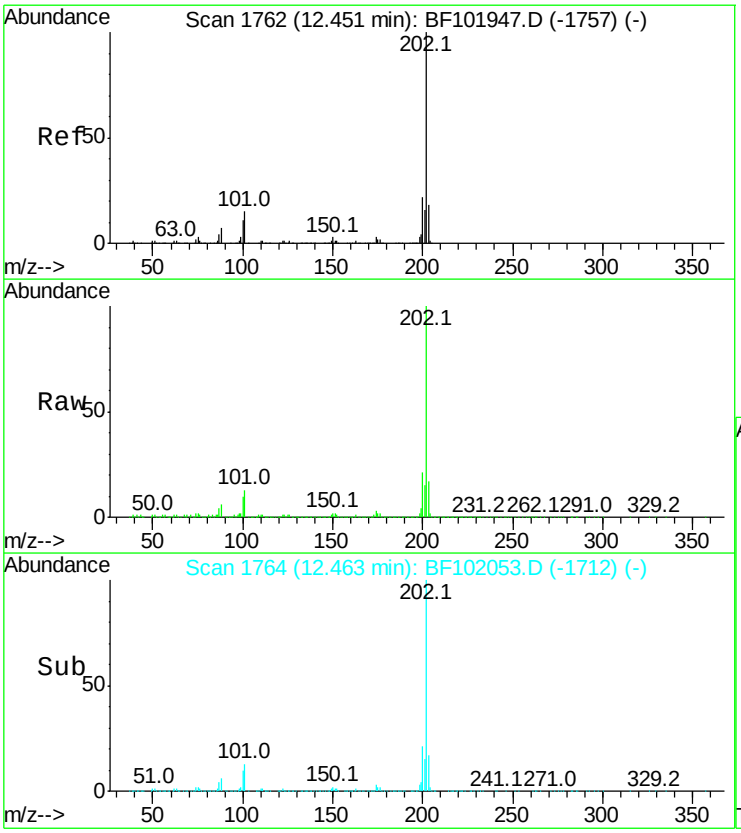
#72
Carbazole
Concen: 6.160 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 154789

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	13.1	10.9	16.3

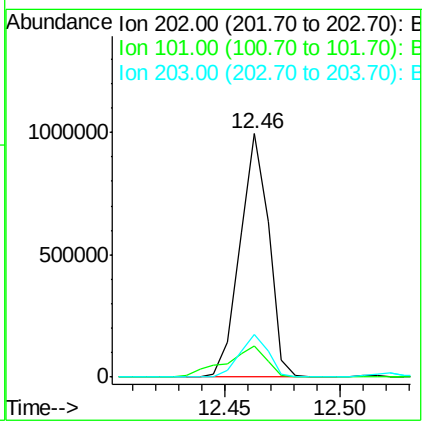


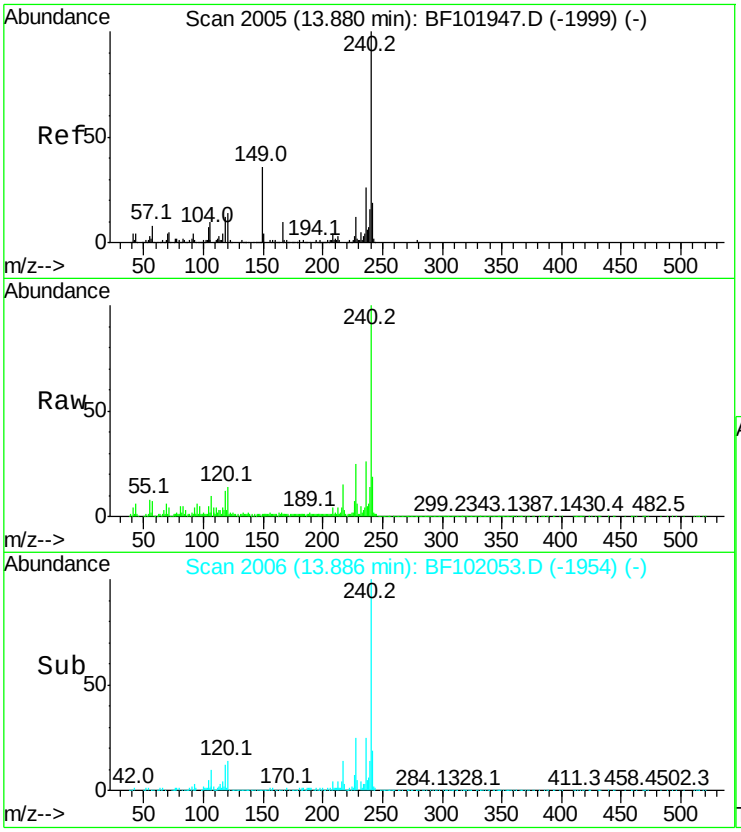


#74
Fluoranthene
Concen: 34.891 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:202 Resp: 865297

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.3	0.0	38.1



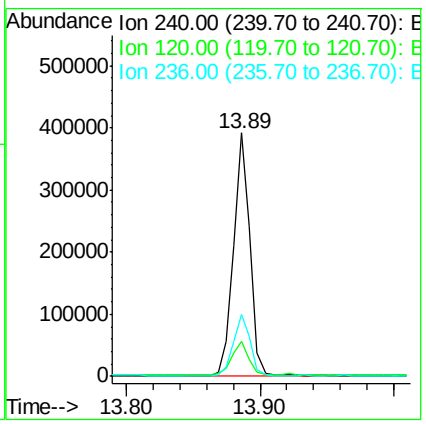


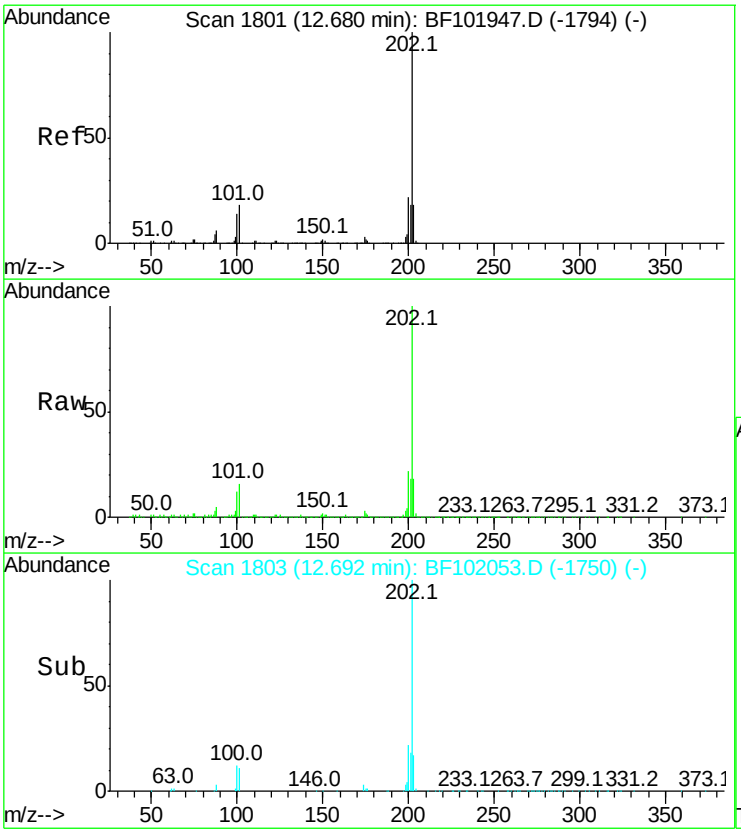
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 336422

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.6	20.7	31.1

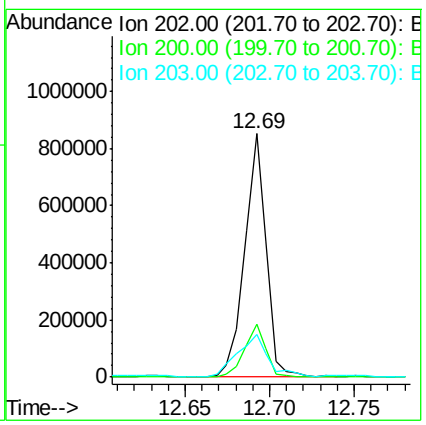


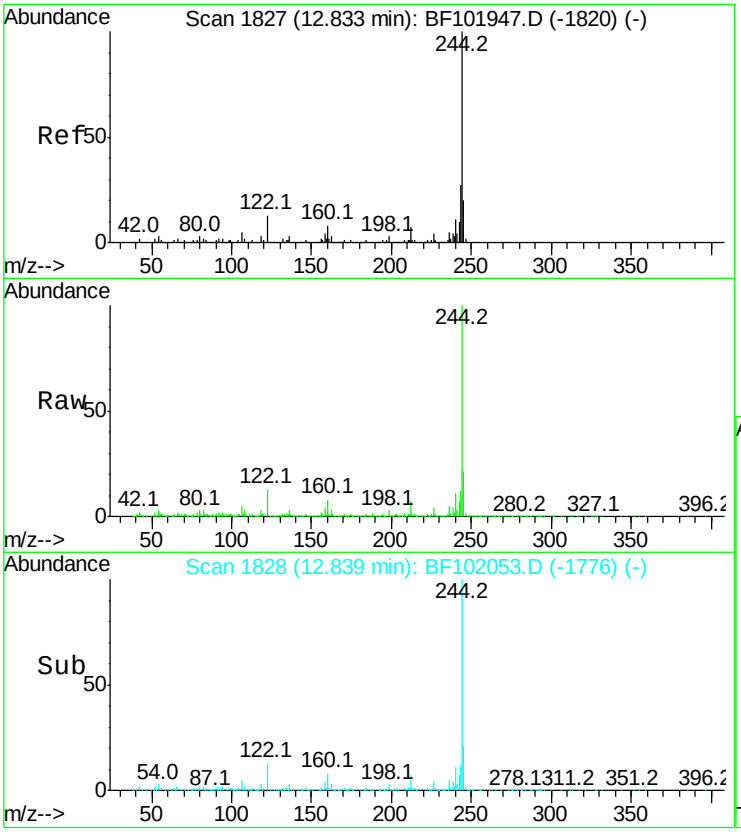


#77
Pyrene
Concen: 25.402 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:202 Resp: 755380

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5



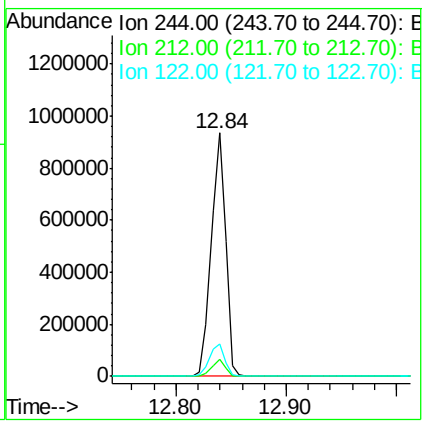


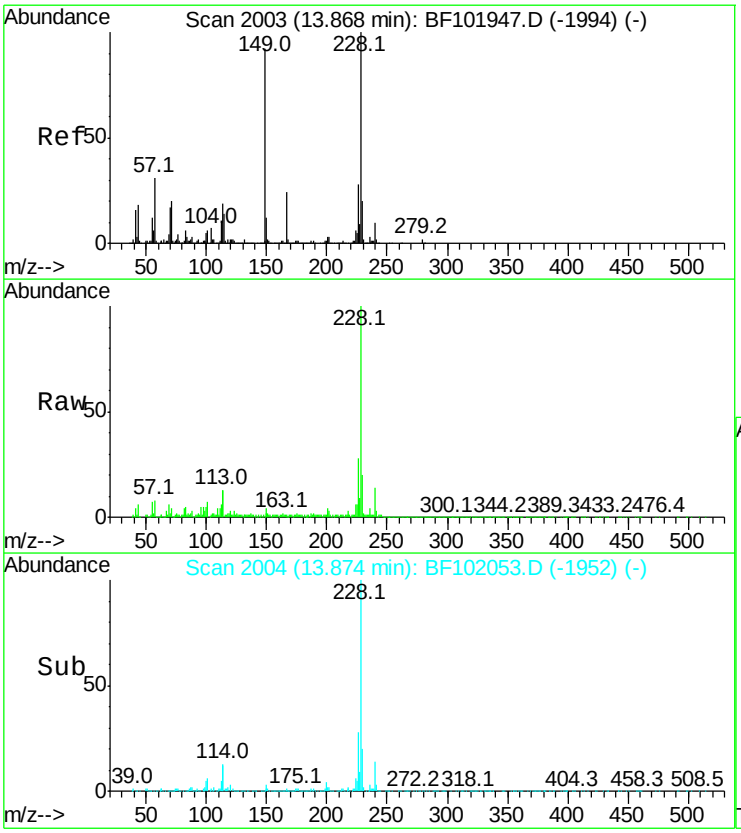
#78
Terphenyl-d14
Concen: 51.451 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 833674

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.3	11.0	16.4

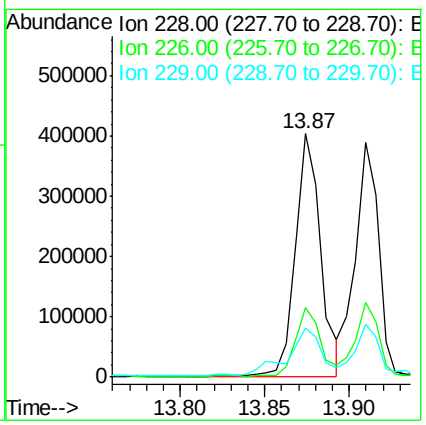


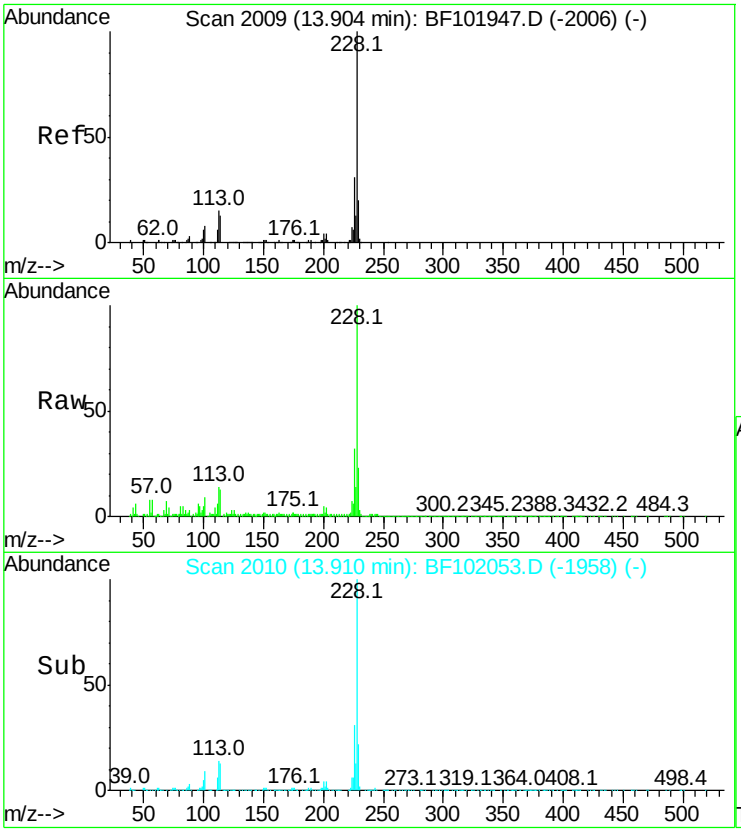


#80
Benzo(a)anthracene
Concen: 19.640 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:228 Resp: 421569

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.0	15.8	23.6



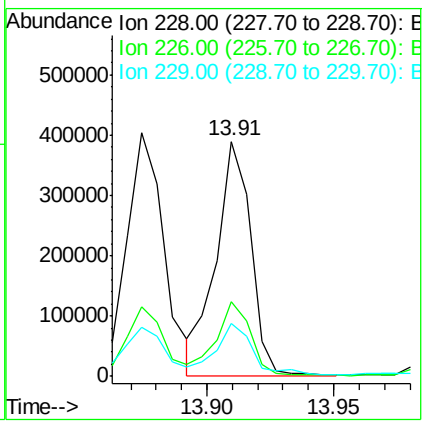


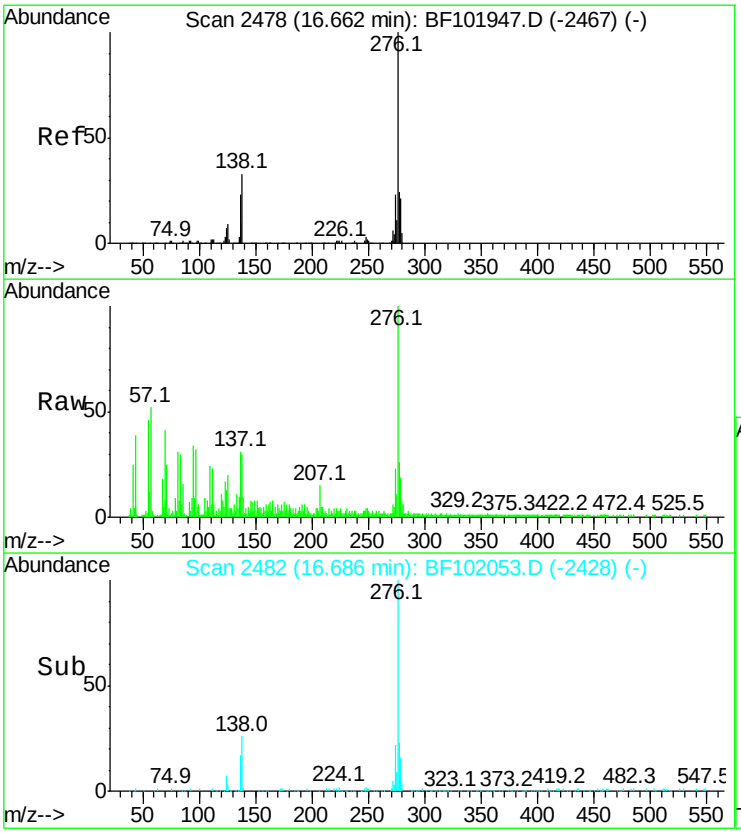
#82
Chrysene
Concen: 16.585 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 371203

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	22.5	16.2	24.4

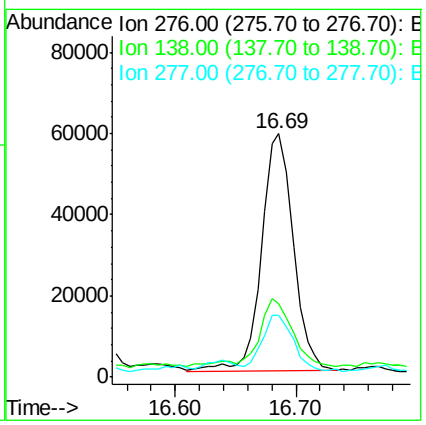


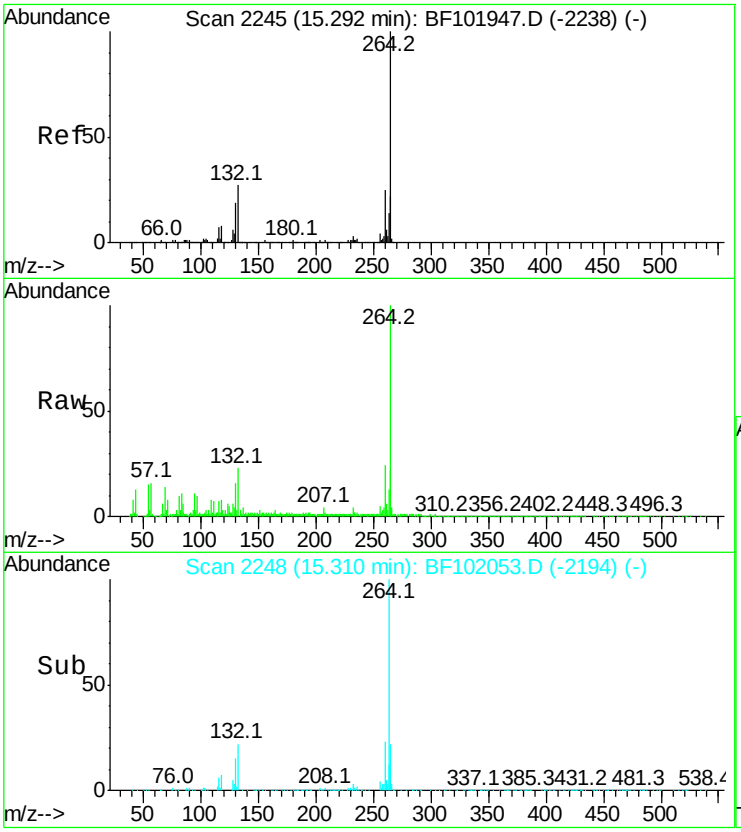


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.550 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.02 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:276 Resp: 106695

Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	24.0	20.1	30.1



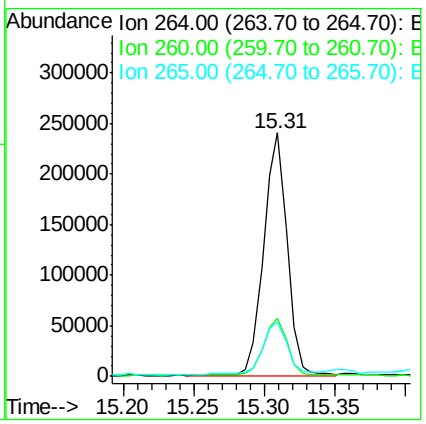


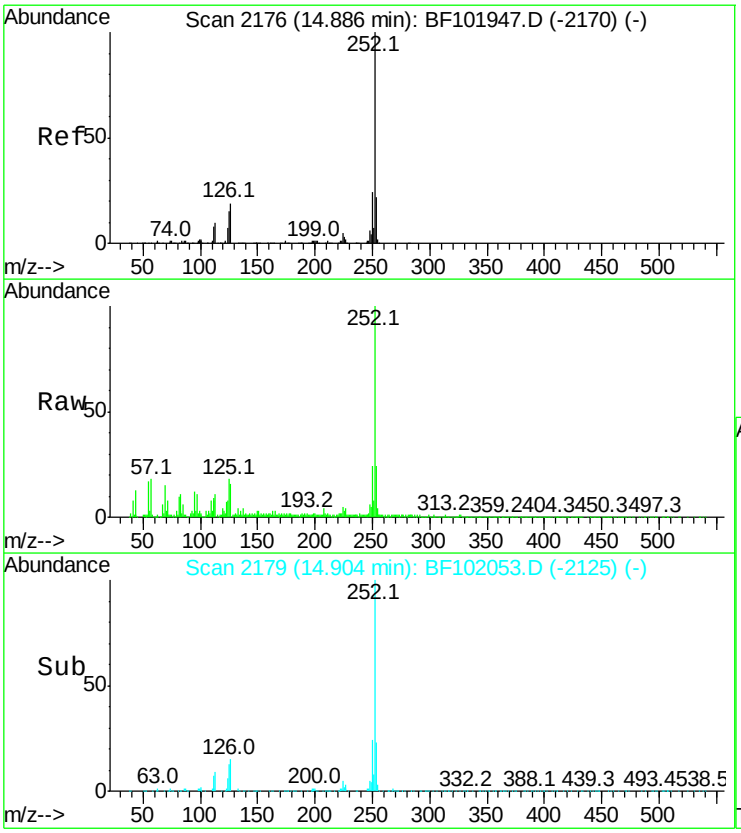
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 280907

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3

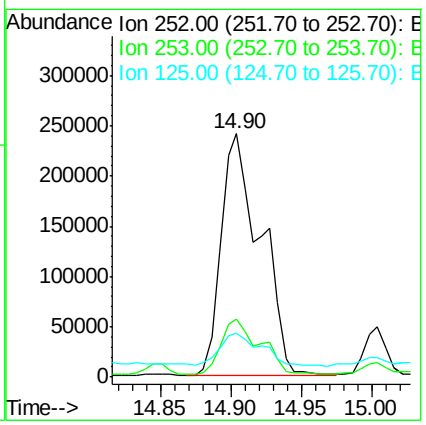


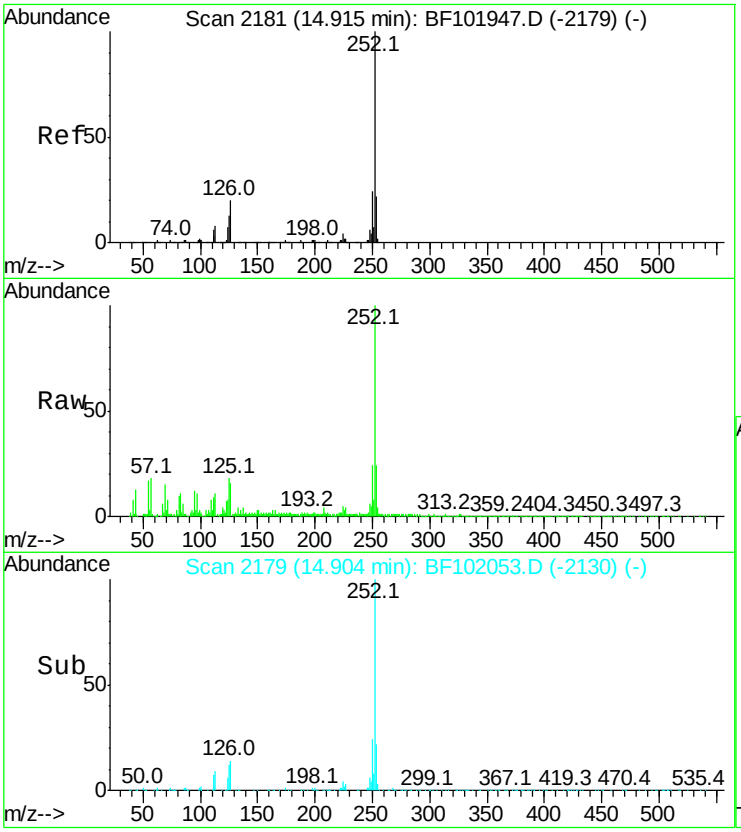


#87
Benzo(b)fluoranthene
Concen: 25.789 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:252 Resp: 472350

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	17.9	9.0	13.6#



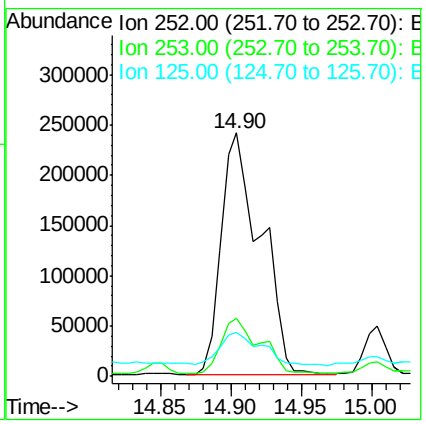


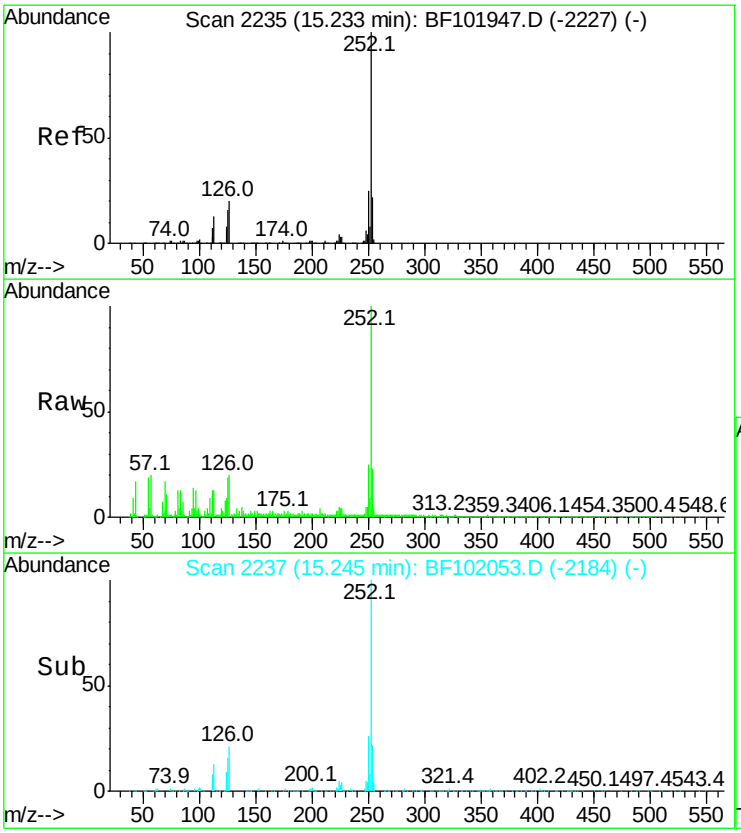
#88
Benzo(k)fluoranthene
Concen: 26.733 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 472350

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	17.9	10.2	15.2#

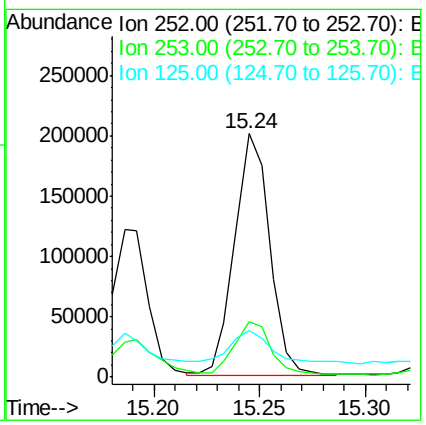


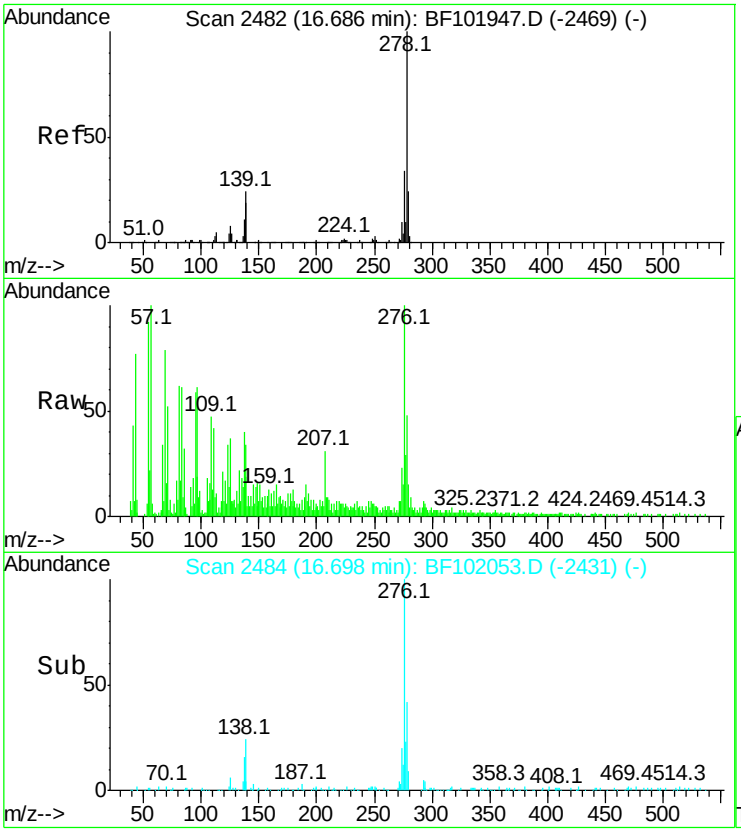


#89
Benzo(a)pyrene
Concen: 13.992 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:252 Resp: 230610

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	19.3	9.8	14.6#



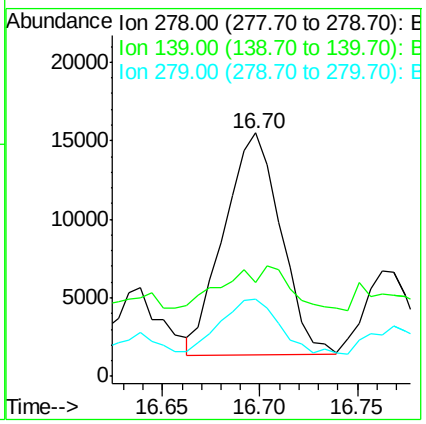


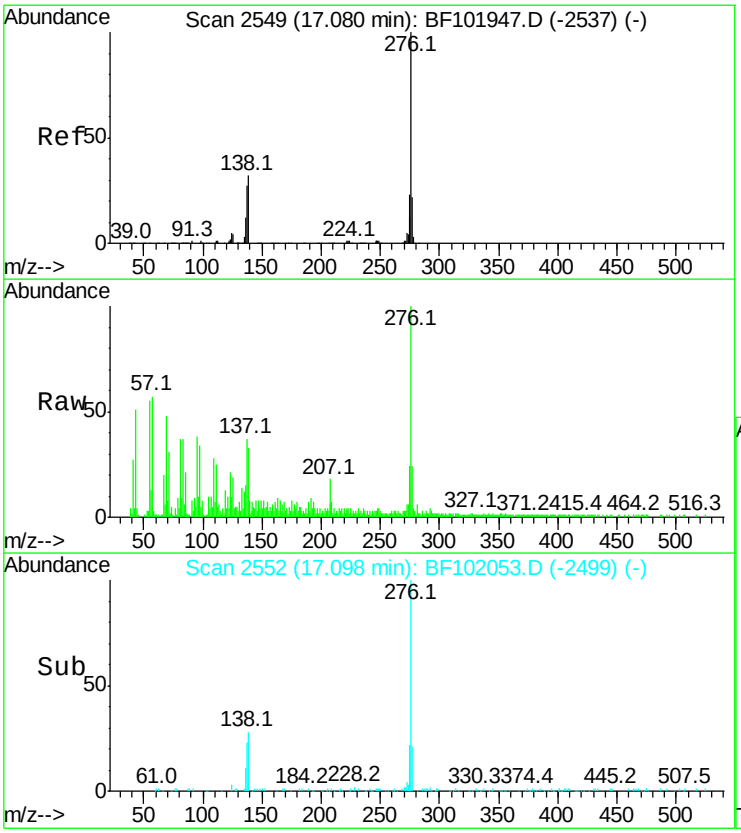
#90
Dibenzo(a,h)anthracene
Concen: 2.170 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 28547

Ion	Ratio	Lower	Upper
278	100		
139	38.4	15.9	23.9#
279	31.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 6.892 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF102053.D
Acq: 12 Jan 2018 19:56

Tgt Ion:276 Resp: 91314

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	32.7	21.8	32.8