Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101998.D
Acq On : 10 Jan 2018 23:56
Operator : SJ/JU
Sample : J1076-15 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11R-01

Quant Time: Jan 11 01:59:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210902	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	853474	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	354456	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	530388	20.00	ng		0.00
75) Chrysene-d12	13.87	240	321167	20.00	ng		0.00
86) Perylene-d12	15.29	264	379731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	6504	0.44	ng		0.00
7) Phenol-d6	6.35	99	8400	0.47	ng		0.00
23) Nitrobenzene-d5	7.28	82	4595	0.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	976	0.32	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	8745	0.39	ng		-0.01
78) Terphenyl-d14	12.82	244	5846	0.38	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.03	128	1468896	34.443	ng		100
33) 4-Chloroaniline	8.03	127	196790	10.811	ng	#	35
37) 2-Methylnaphthalene	8.72	142	218723	7.791	ng		98
48) Acenaphthylene	9.62	152	311551	8.080	ng		99
49) Dimethylphthalate	9.76	163	99134	3.486	ng	#	1
50) 2,6-Dinitrotoluene	9.76	165	49726	8.755	ng	#	26
51) Acenaphthene	9.79	154	52801	2.256	ng		99
54) Dibenzofuran	9.96	168	188531	5.870	ng		99
55) 4-Nitrophenol	9.96	139	69765	13.060	ng	#	10
57) Fluorene	10.30	166	259848	11.703	ng		100
64) 4,6-Dinitro-2-methylphenol	10.59	198	134	5.703	ng	#	1
70) Phenanthrene	11.27	178	1023183	33.025	ng		98
71) Anthracene	11.32	178	343122	10.920	ng		99
72) Carbazole	11.47	167	89040	2.883	ng		98
74) Fluoranthene	12.45	202	647353	21.237	ng		99
77) Pyrene	12.68	202	562401	19.810	ng		99
80) Benzo(a)anthracene	13.90	228	187410	9.146	ng		95
82) Chrysene	13.90	228	187410	8.771	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	110875	7.130	ng		98
87) Benzo(b)fluoranthene	14.89	252	321919	13.002	ng	#	94
88) Benzo(k)fluoranthene	14.89	252	321919	13.478	ng		97
89) Benzo(a)pyrene	15.23	252	208676	9.366	ng		95
91) Benzo(g,h,i)perylene	17.07	276	102911	5.746	ng		95

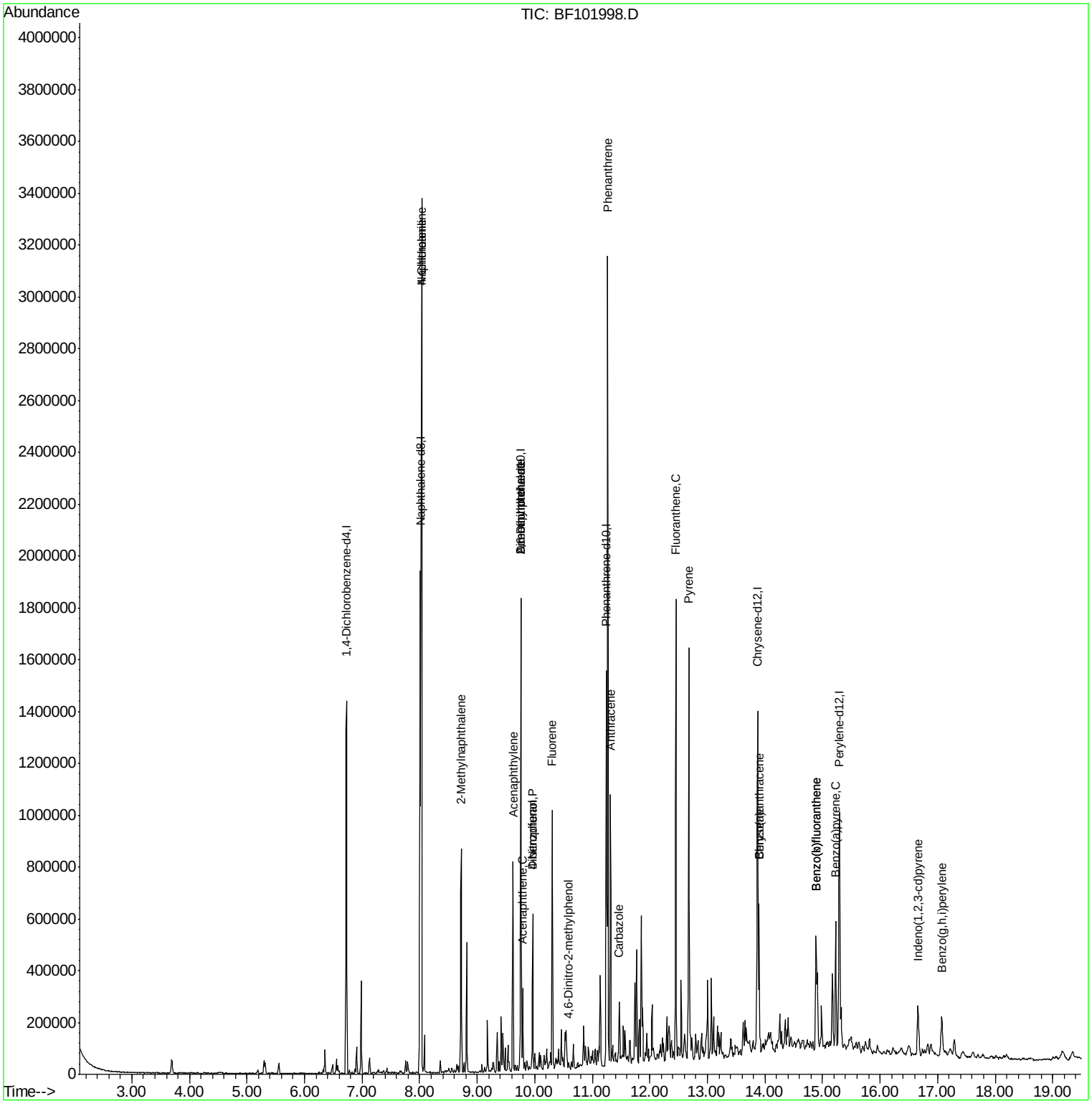
(#) = qualifier out of range (m) = manual integration (+) = signals summed

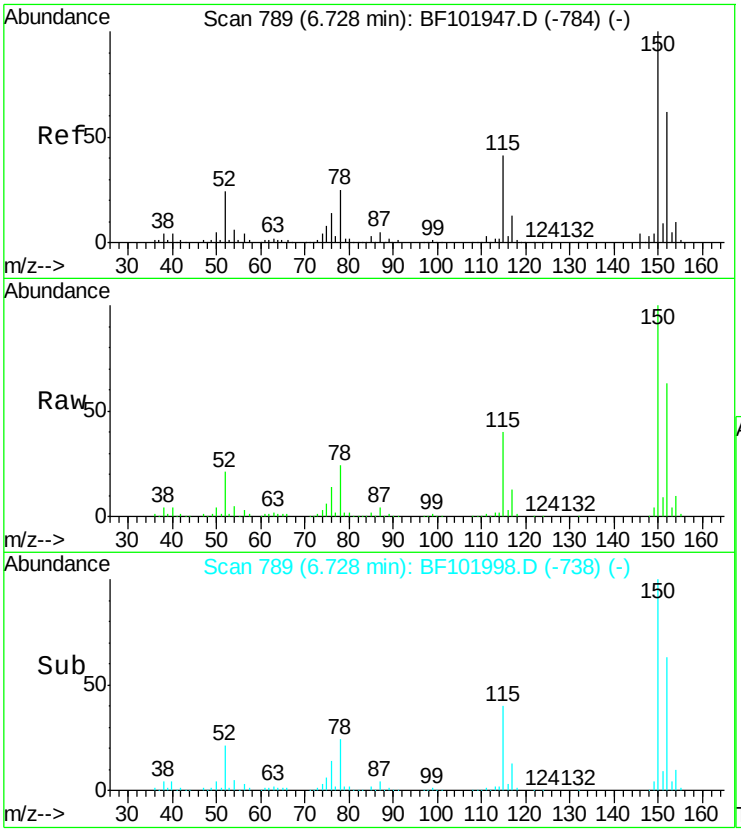
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101998.D
Acq On : 10 Jan 2018 23:56
Operator : SJ/JU
Sample : J1076-15 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11R-01

Quant Time: Jan 11 01:59:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration



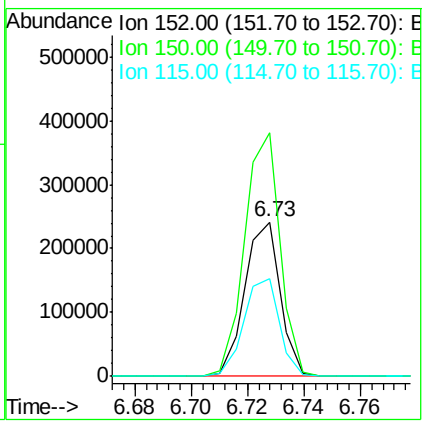


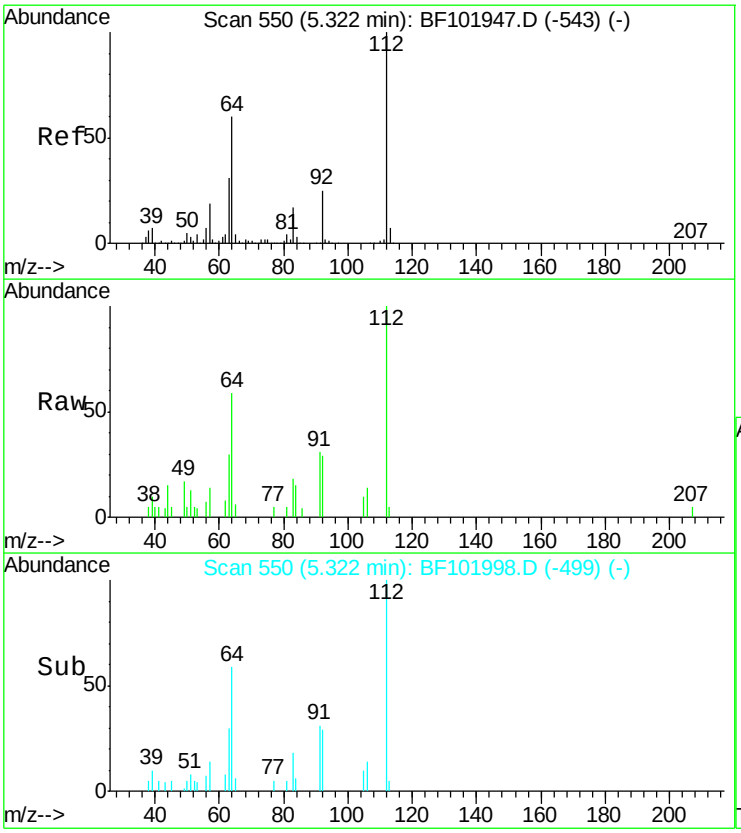
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:152 Resp: 210902

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	63.2	50.1	75.1

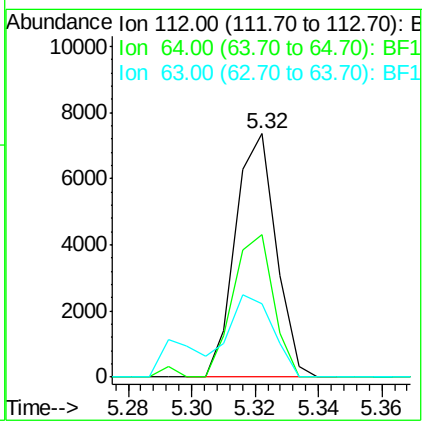


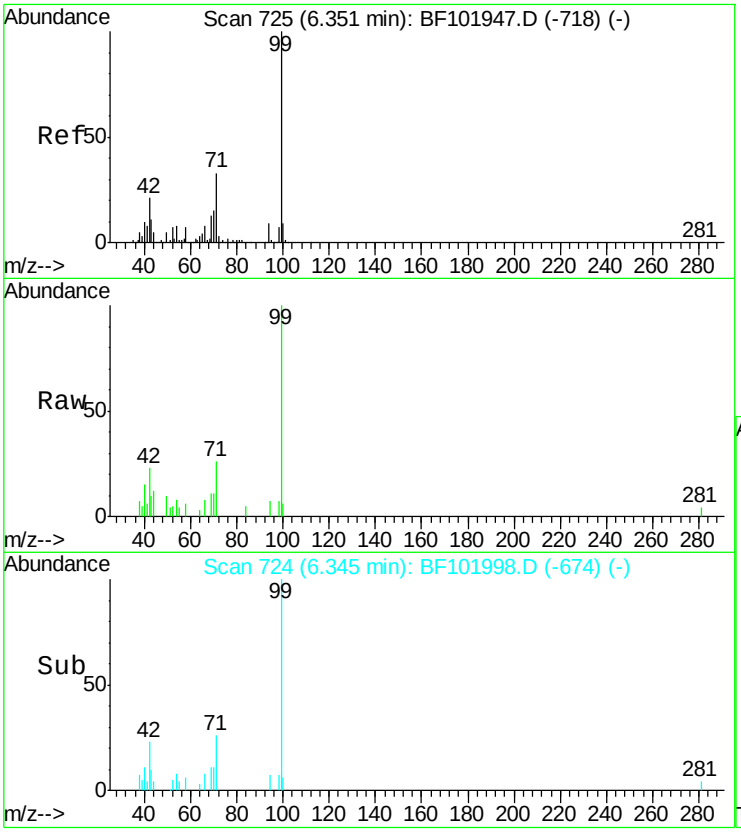


#5
2-Fluorophenol
Concen: 0.435 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:112 Resp: 6504

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.9	23.7	35.5



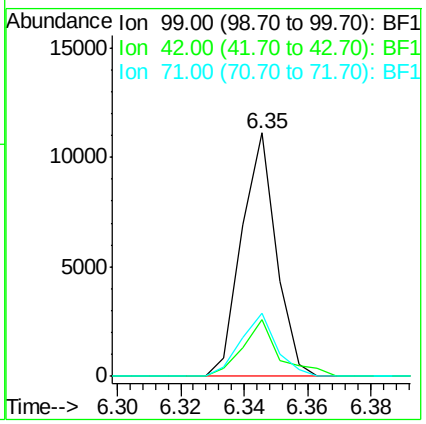


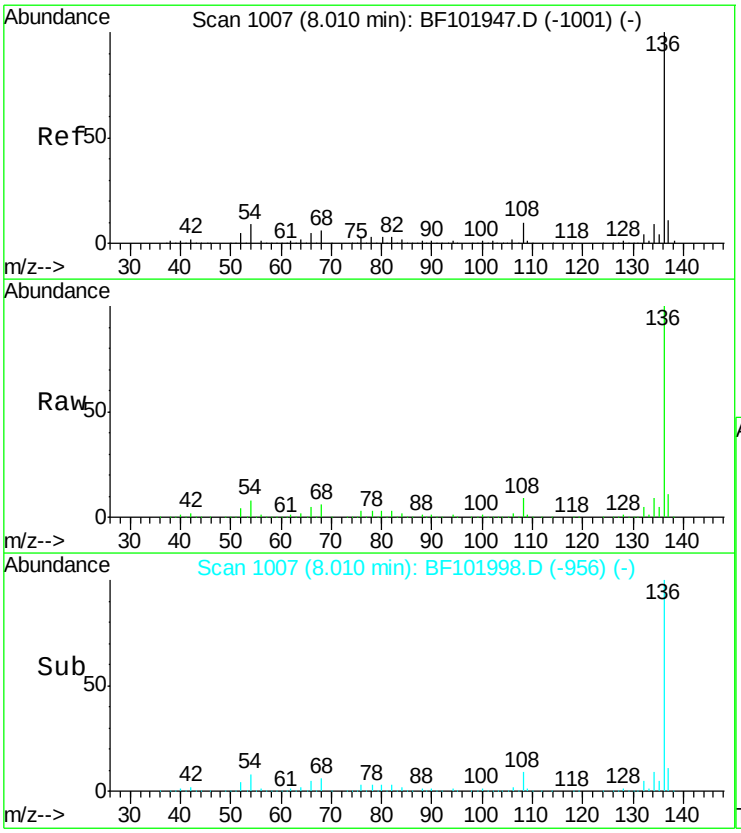
#7
Phenol-d6
Concen: 0.471 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion: 99 Resp: 8400

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	25.7	25.4	38.0

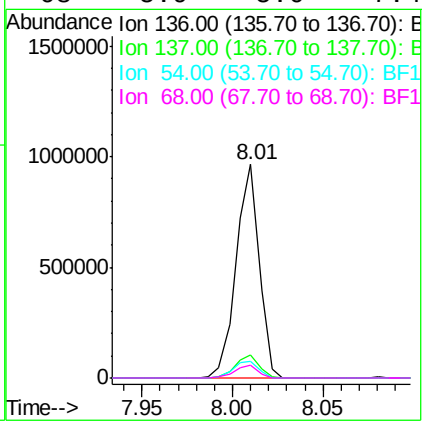


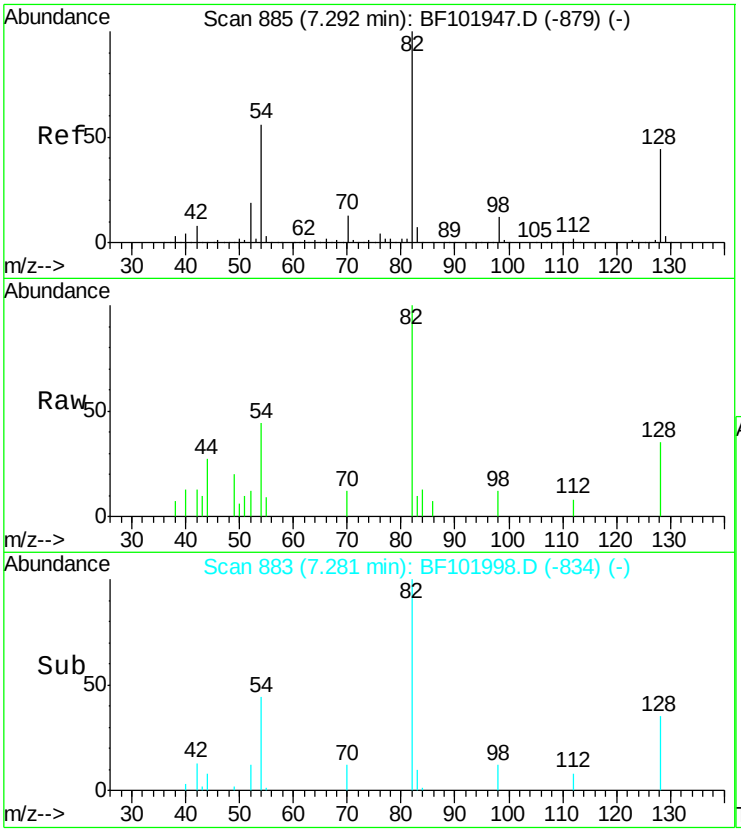


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:136 Resp: 853474

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	5.9	5.0	7.4



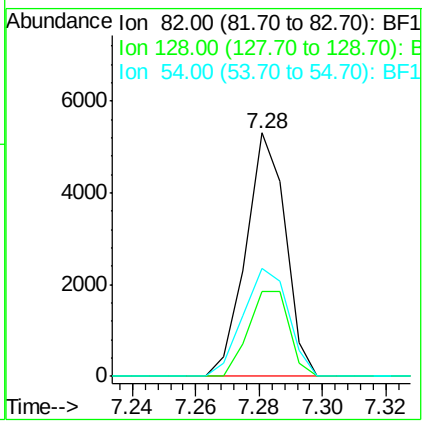


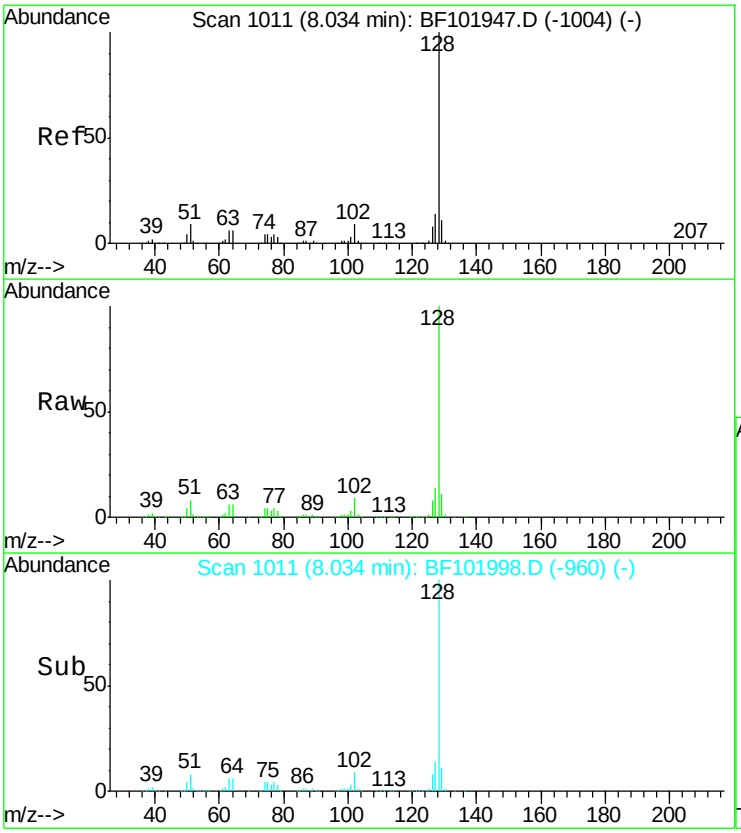
#23
Nitrobenzene-d5
Concen: 0.316 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion: 82 Resp: 4595

Ion	Ratio	Lower	Upper
82	100		
128	34.9	36.1	54.1#
54	44.5	41.4	62.2

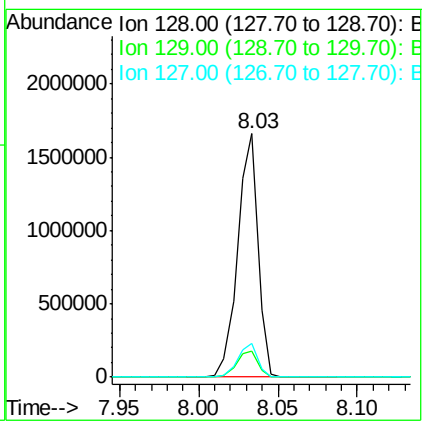


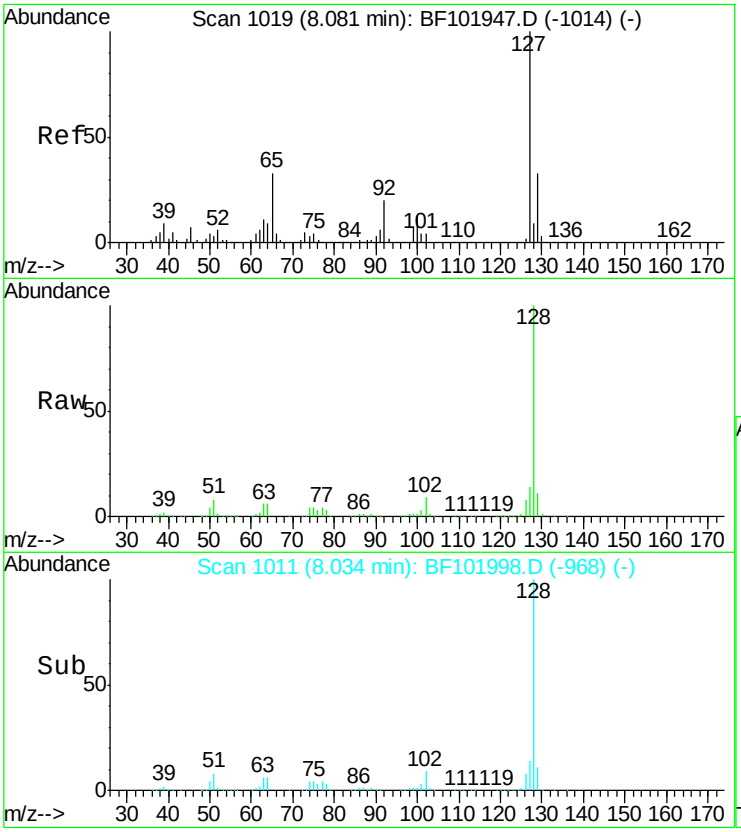


#31
Naphthalene
Concen: 34.443 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:128 Resp: 1468896

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.6	10.9	16.3



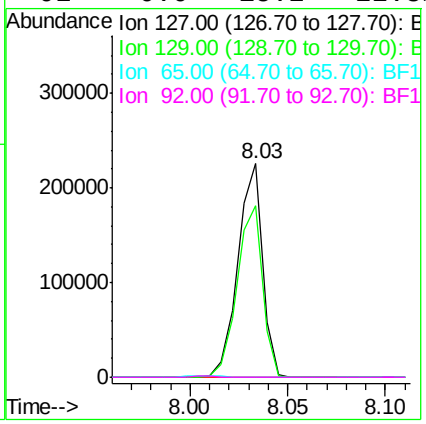


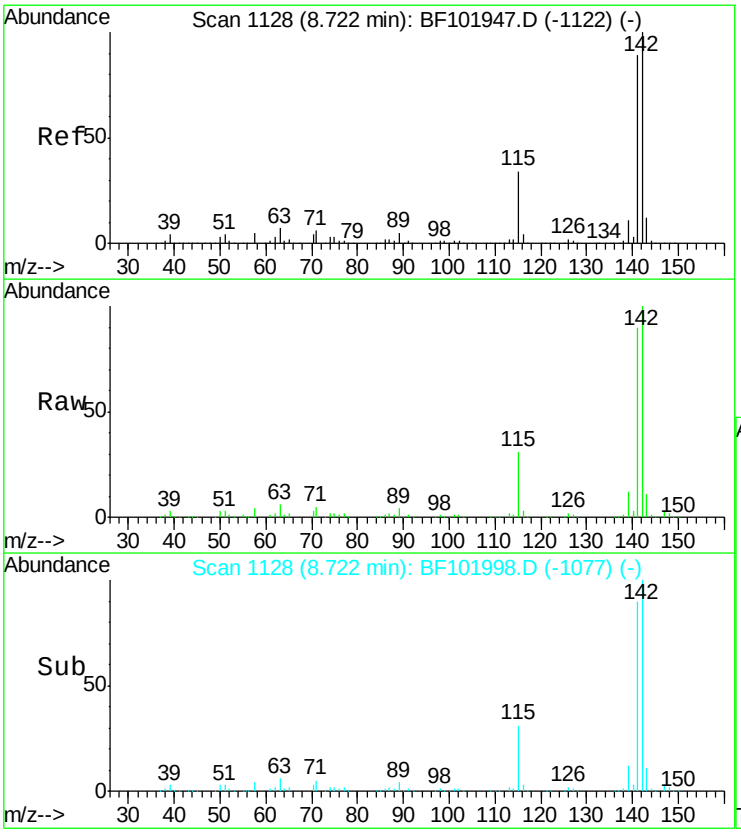
#33
4-Chloroaniline
Concen: 10.811 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:127 Resp: 196790

Ion	Ratio	Lower	Upper
127	100		
129	80.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

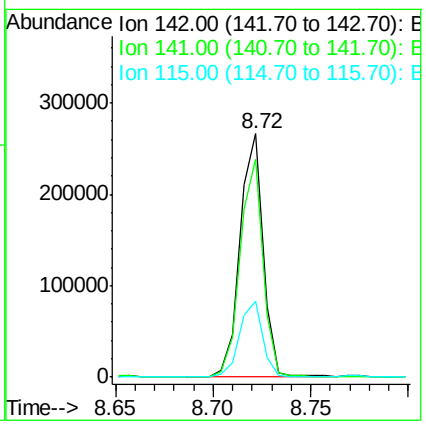


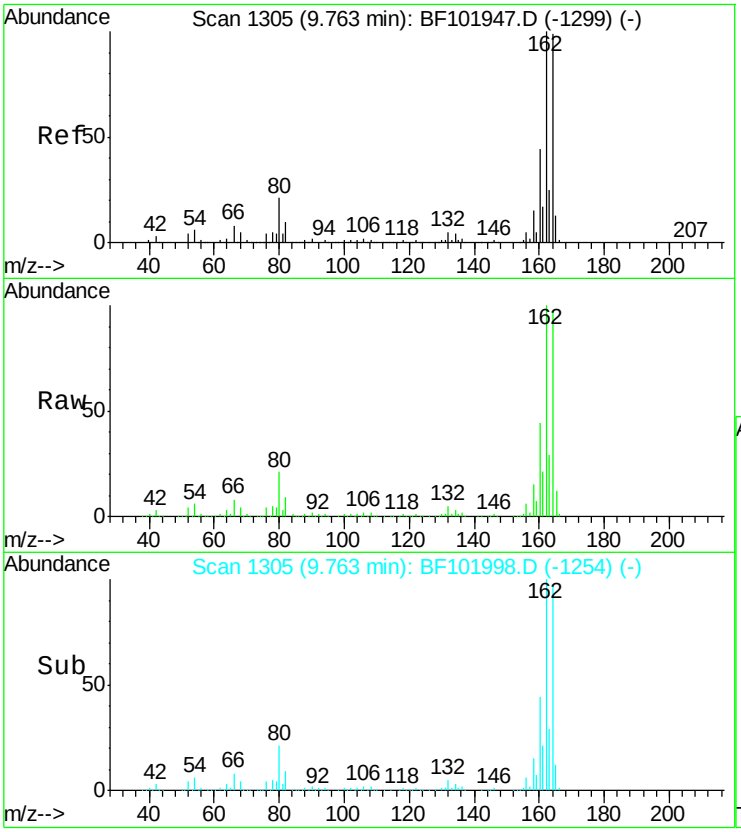


#37
2-Methylnaphthalene
Concen: 7.791 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:142 Resp: 218723

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	31.1	26.1	39.1



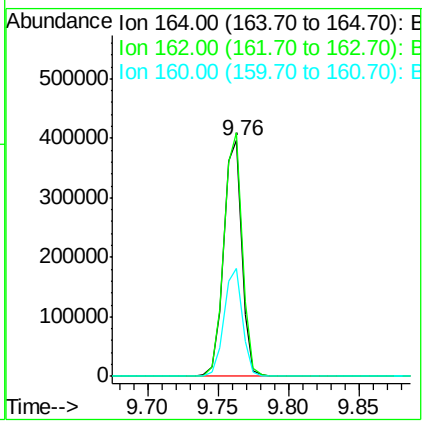


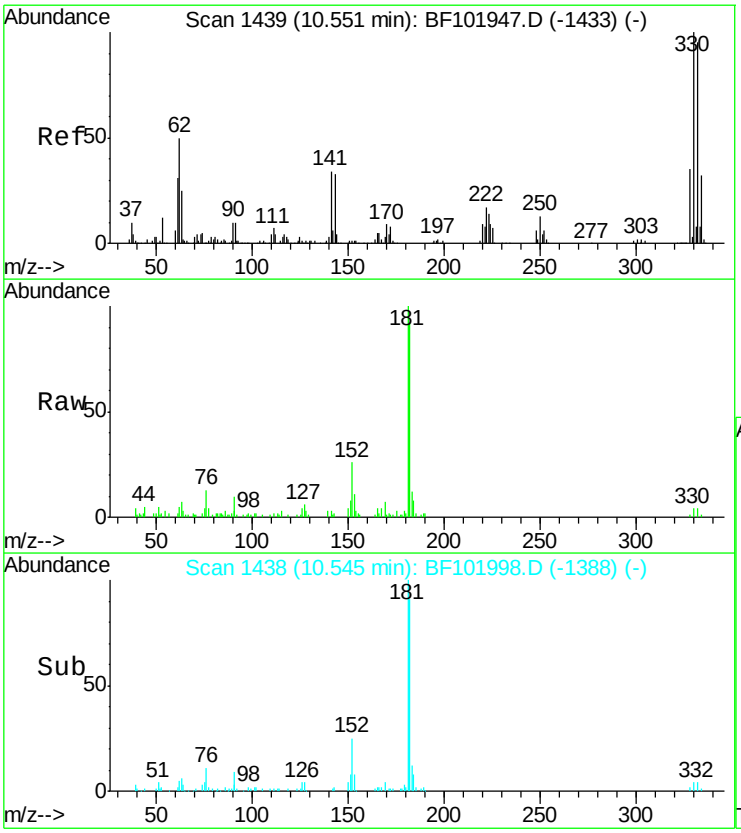
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:164 Resp: 354456

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.9	38.3	57.5

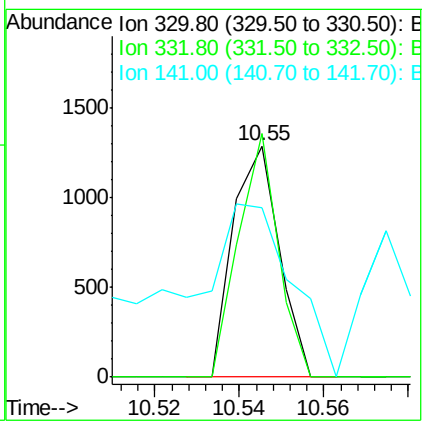


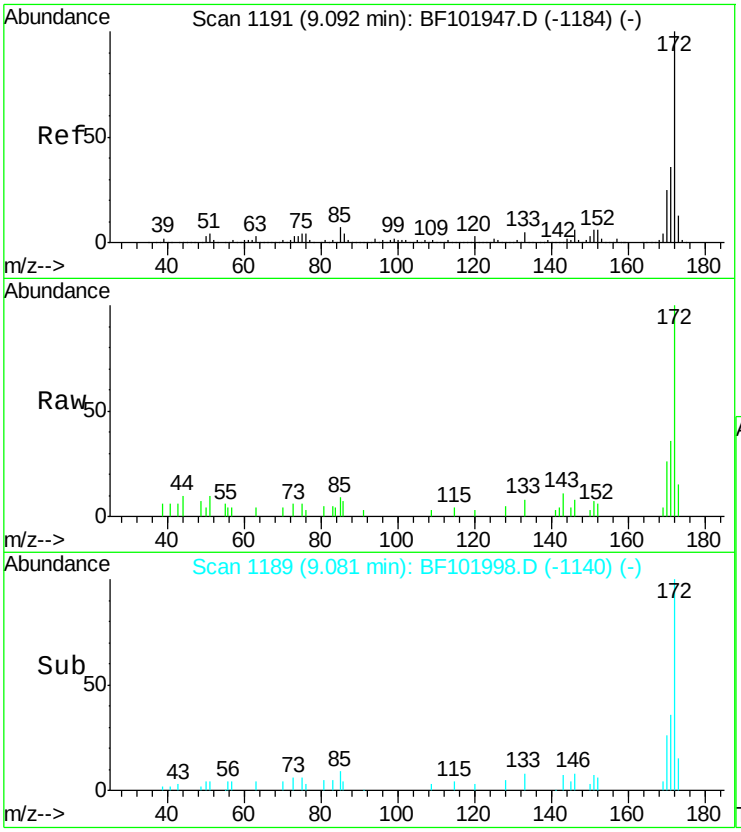


#41
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:330 Resp: 976

Ion	Ratio	Lower	Upper
330	100		
332	90.7	77.0	115.6
141	121.8	29.9	44.9#



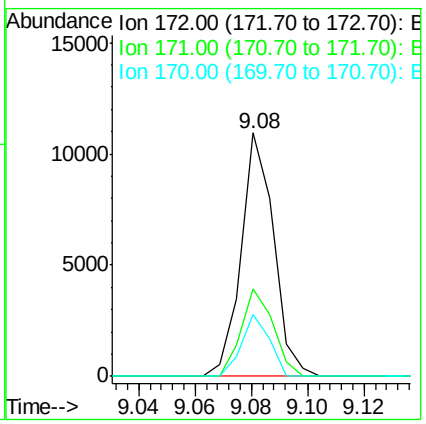


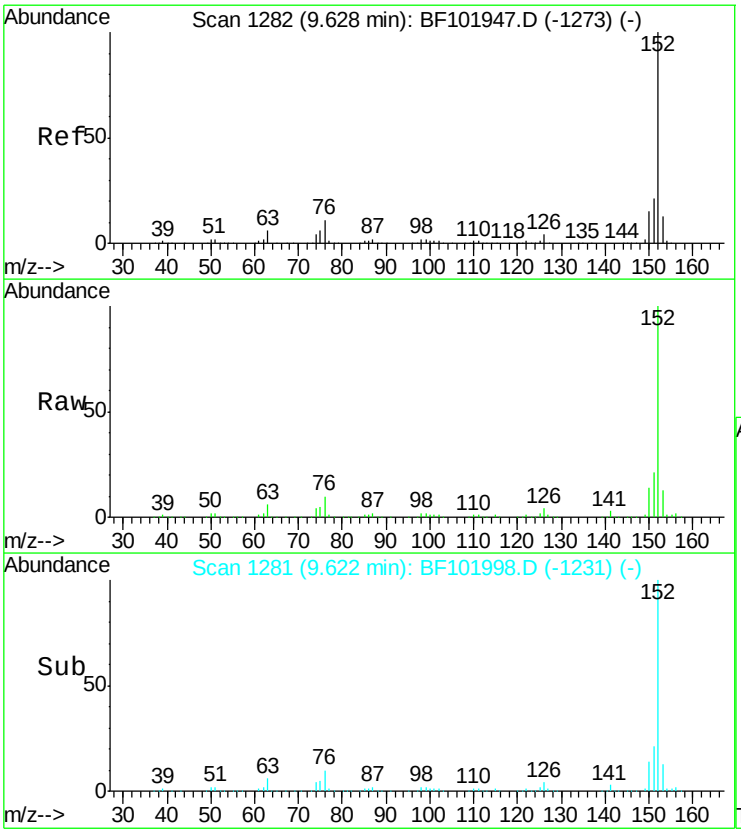
#44
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:172 Resp: 8745

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	25.7	19.6	29.4

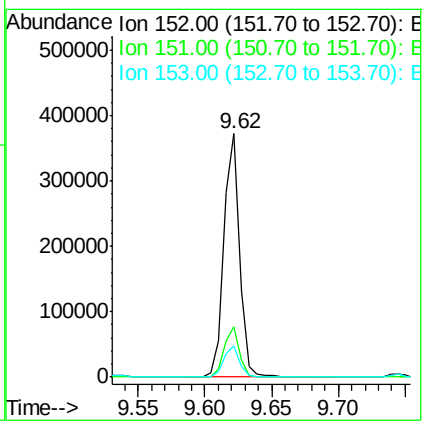


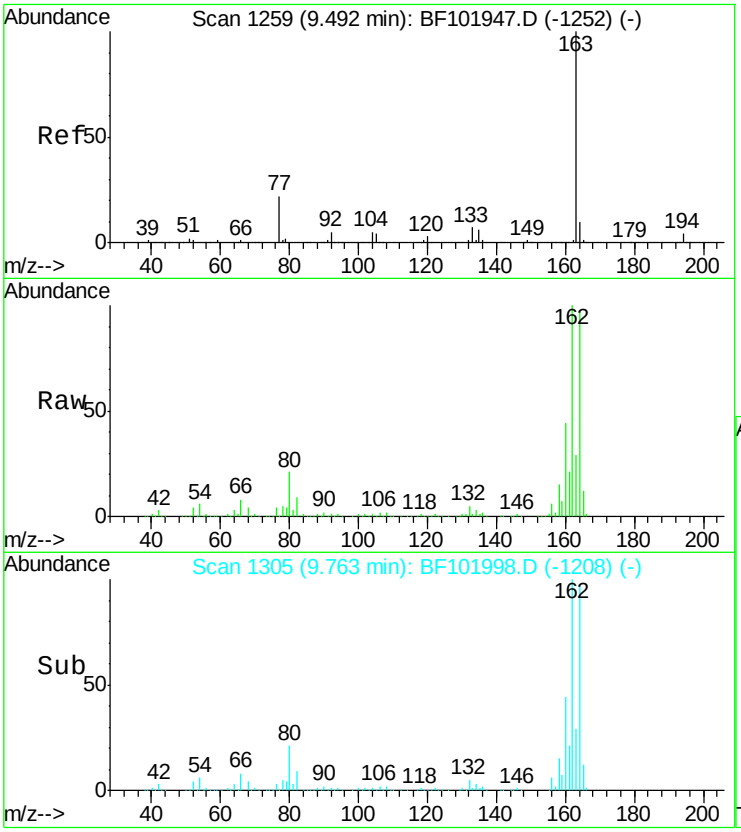


#48
Acenaphthylene
Concen: 8.080 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:152 Resp: 311551

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	12.6	10.7	16.1



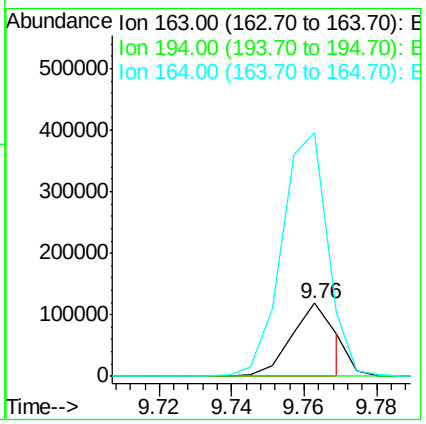


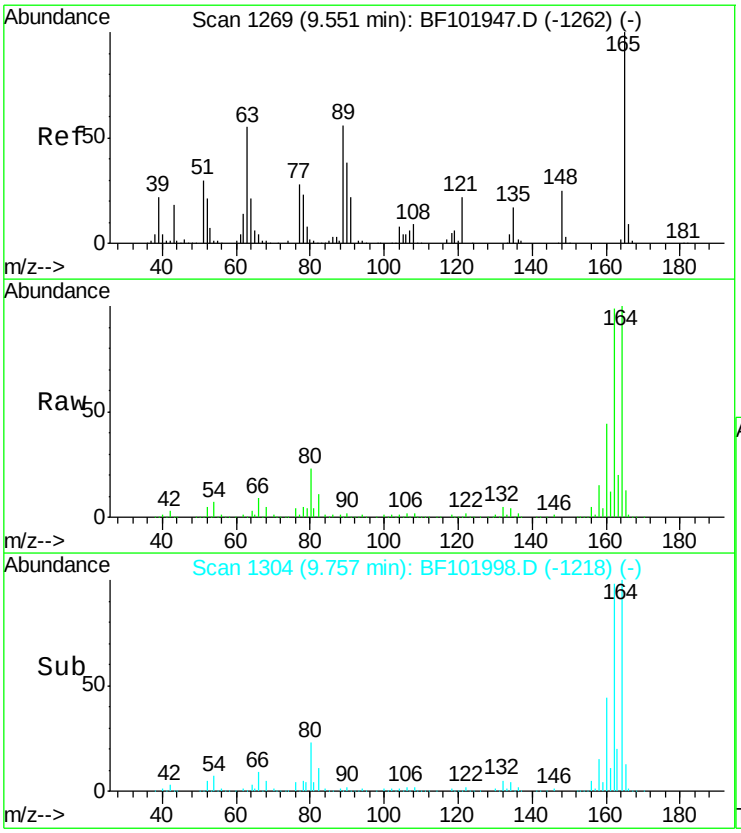
#49
Dimethylphthalate
Concen: 3.486 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.27 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:163 Resp: 99134

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	334.7	8.2	12.2#

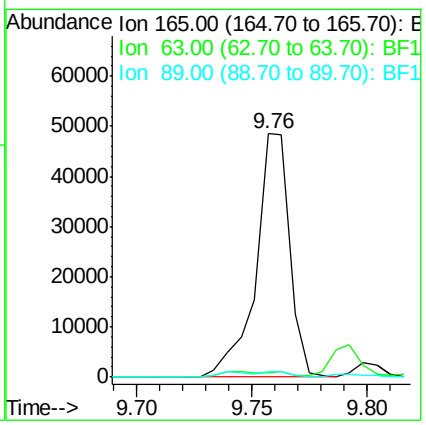


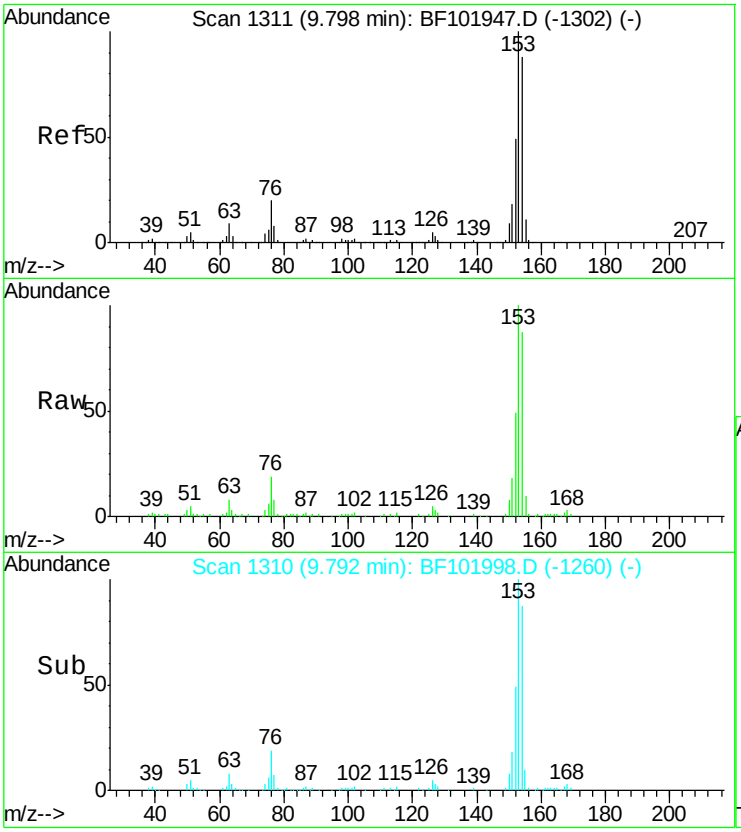


#50
2,6-Dinitrotoluene
Concen: 8.755 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:165 Resp: 49726

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#



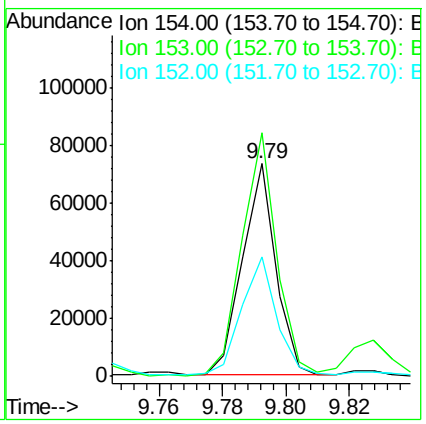


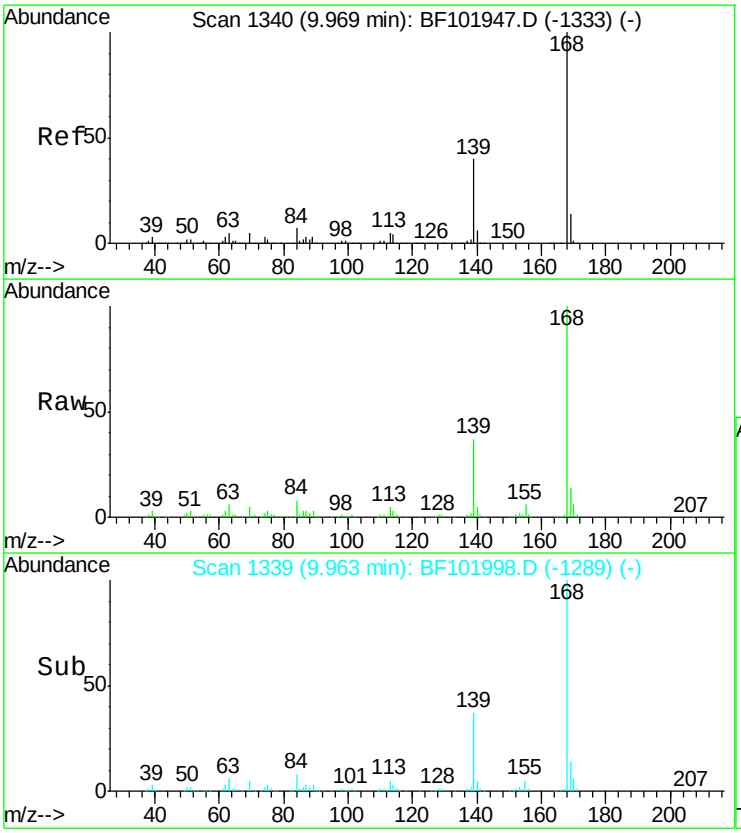
#51
Acenaphthene
Concen: 2.256 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:154 Resp: 52801

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	56.6	43.8	65.8

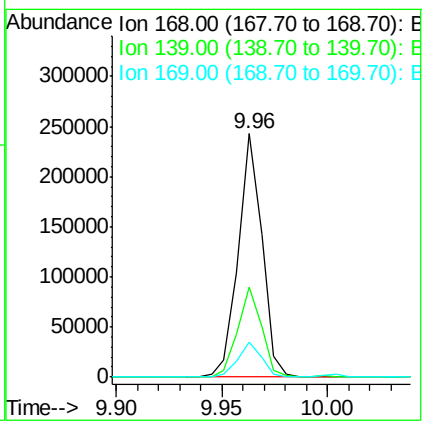


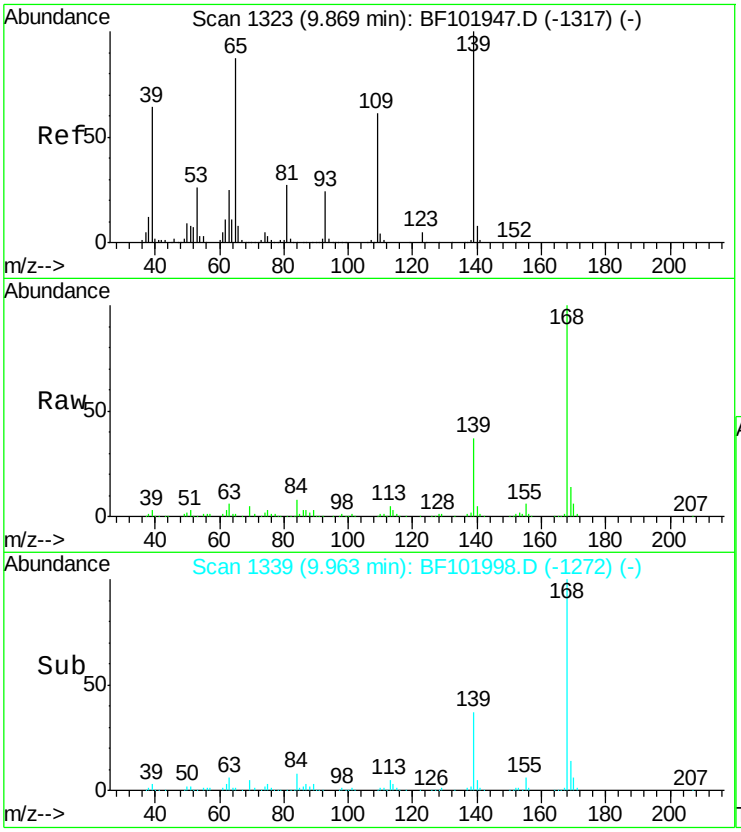


#54
Dibenzofuran
Concen: 5.870 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:168 Resp: 188531

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	14.3	10.9	16.3



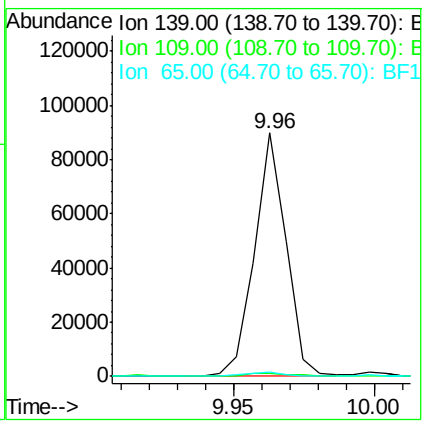


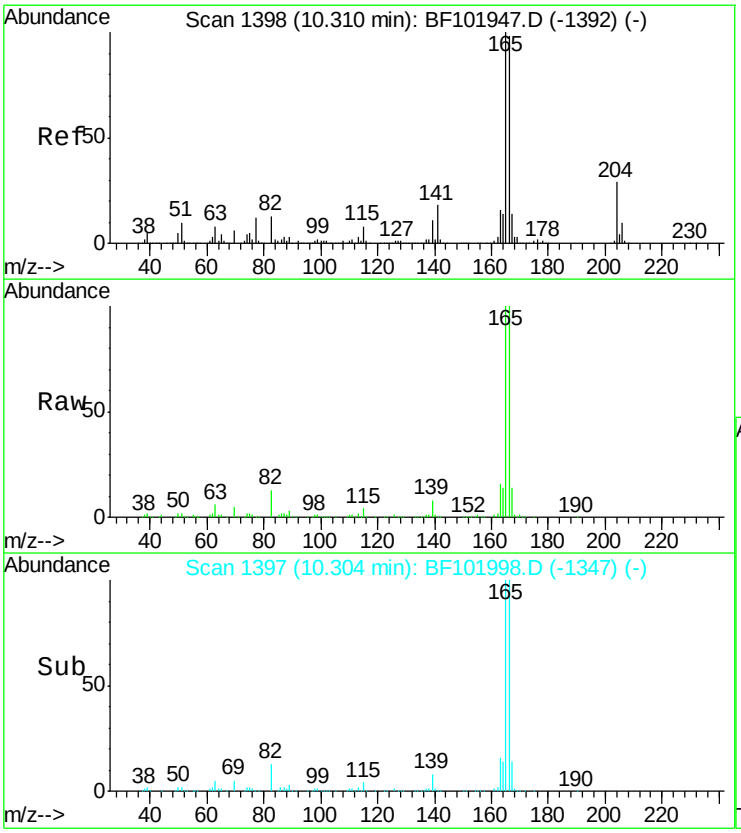
#55
4-Nitrophenol
Concen: 13.060 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:139 Resp: 69765

Ion	Ratio	Lower	Upper
139	100		
109	1.1	48.4	88.4#
65	1.8	72.6	112.6#

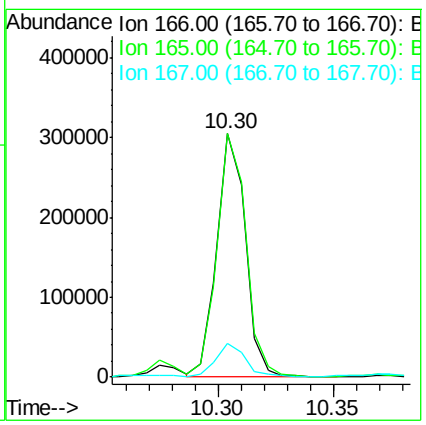


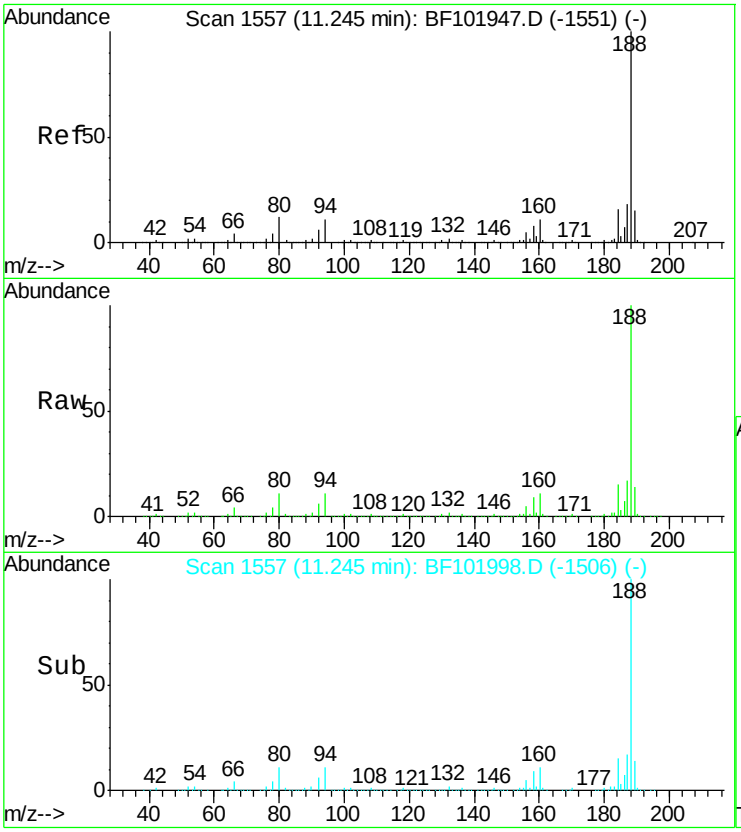


#57
Fluorene
Concen: 11.703 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:166 Resp: 259848

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.8	10.6	16.0



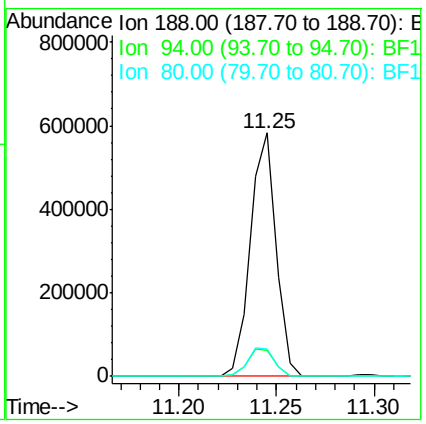


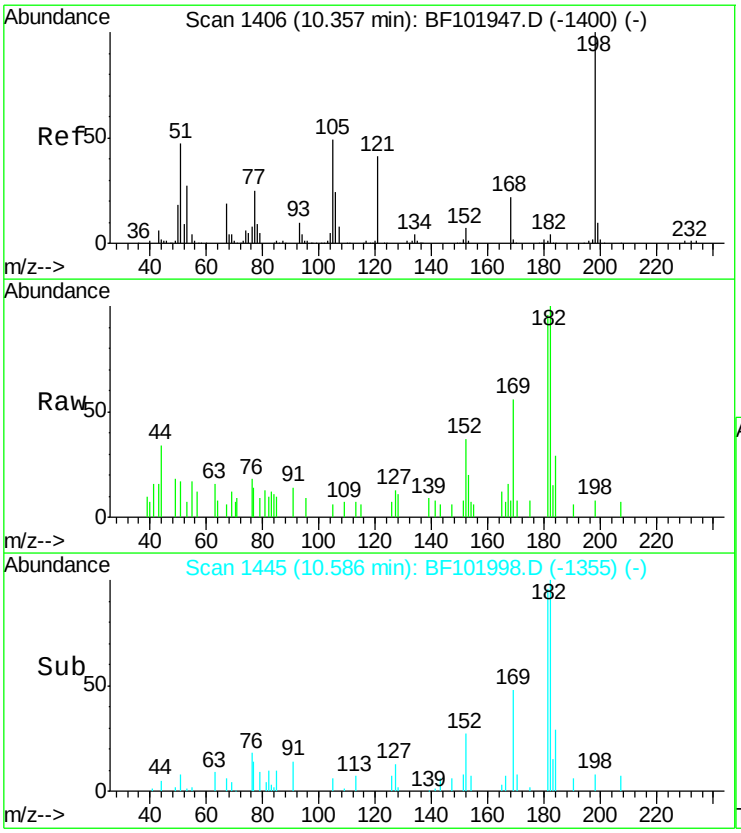
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:188 Resp: 530388

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

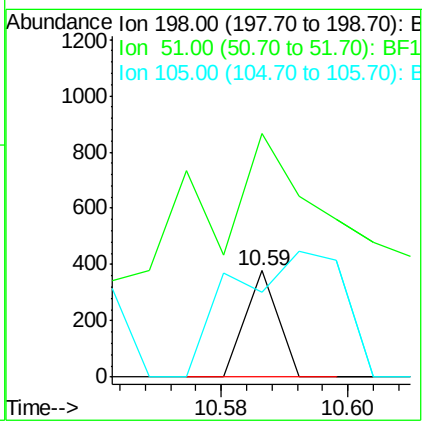


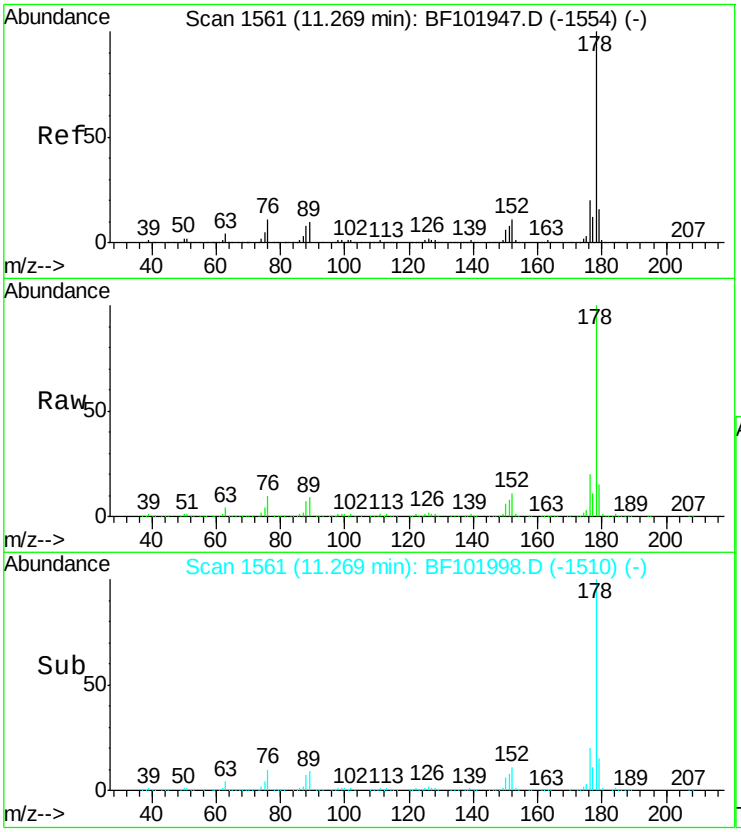


#64
4,6-Dinitro-2-methylphenol
Concen: 5.703 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.23 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:198 Resp: 134

Ion	Ratio	Lower	Upper
198	100		
51	228.5	37.7	77.7#
105	79.2	36.3	76.3#



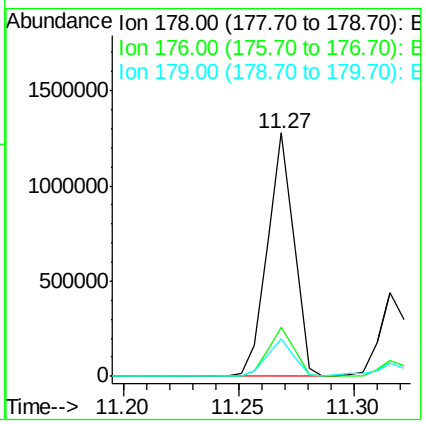


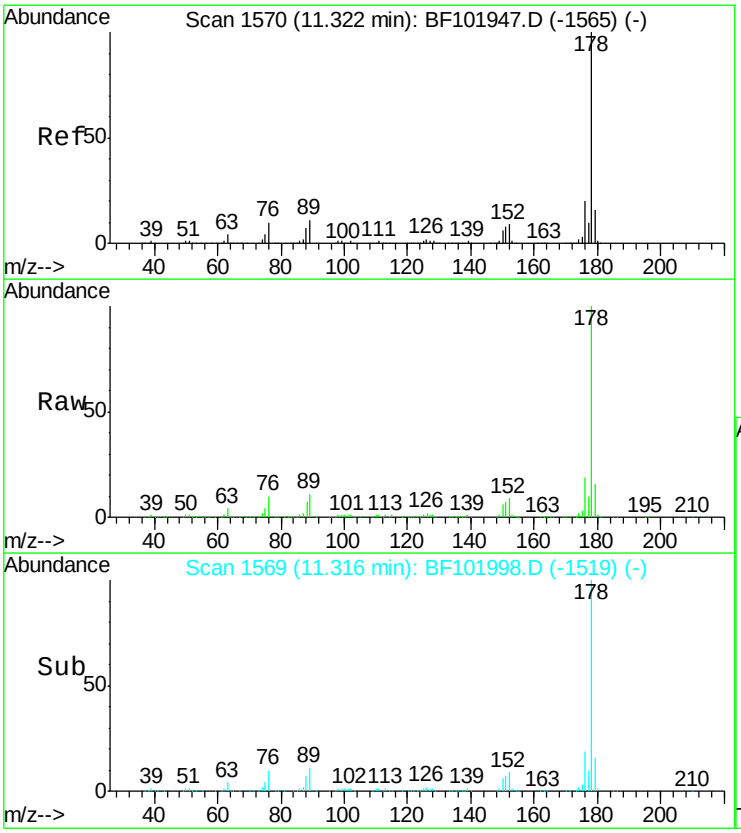
#70
Phenanthrene
Concen: 33.025 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:178 Resp: 1023183

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.3	13.0	19.6

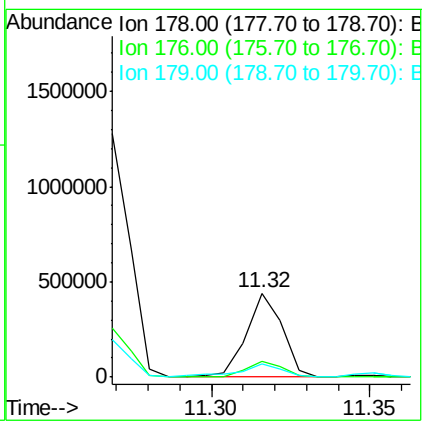


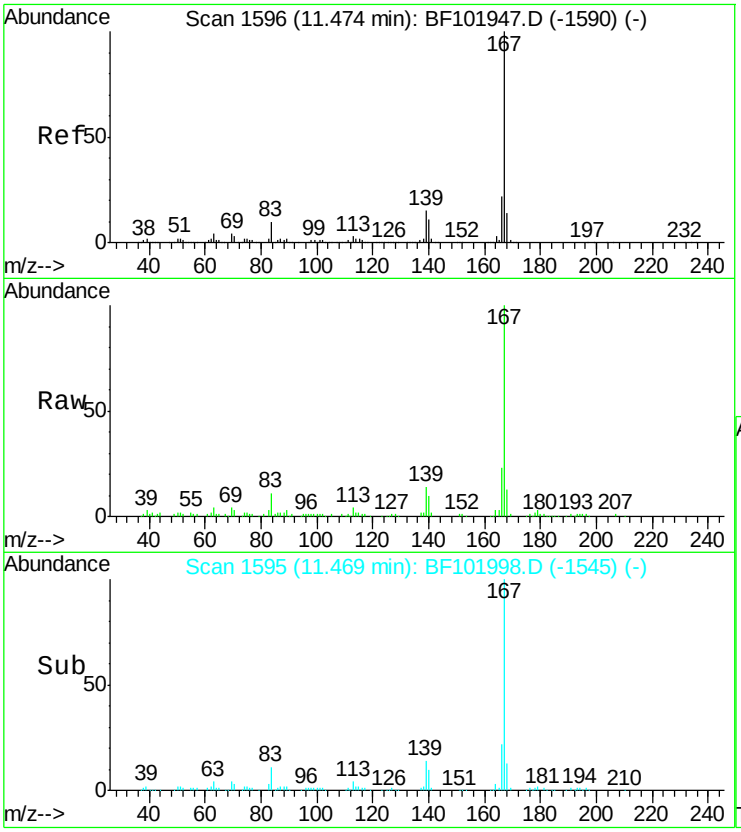


#71
Anthracene
Concen: 10.920 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:178 Resp: 343122

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.0	12.6	19.0



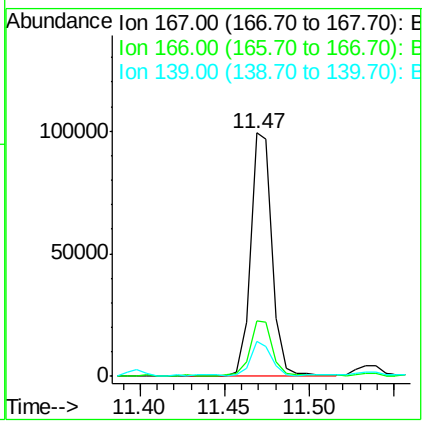


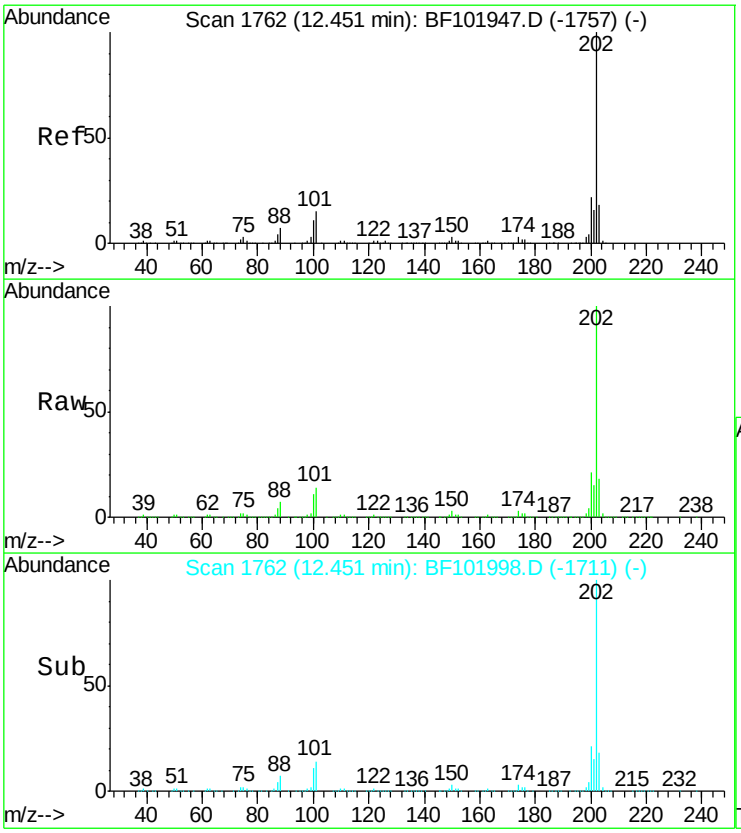
#72
Carbazole
Concen: 2.883 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:167 Resp: 89040

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	14.4	10.9	16.3

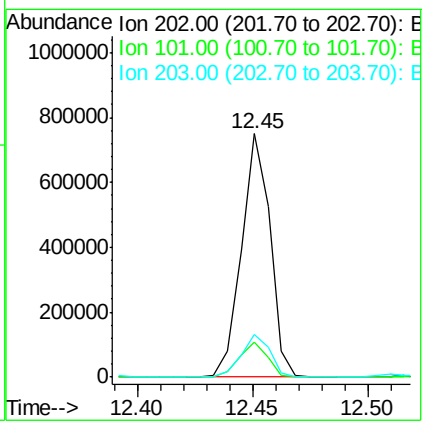


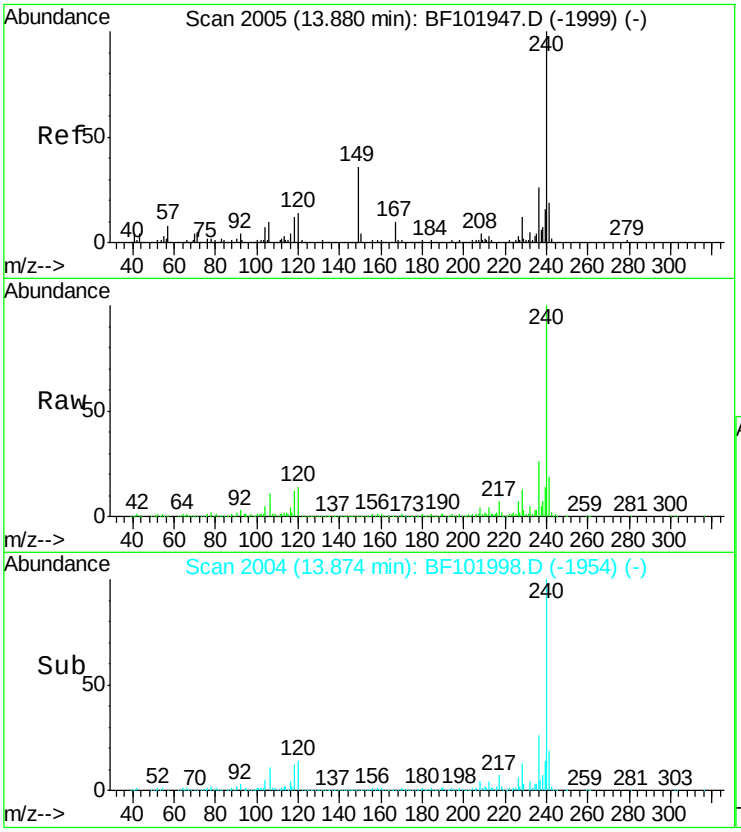


#74
Fluoranthene
Concen: 21.237 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:202 Resp: 647353

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.5	0.0	38.1



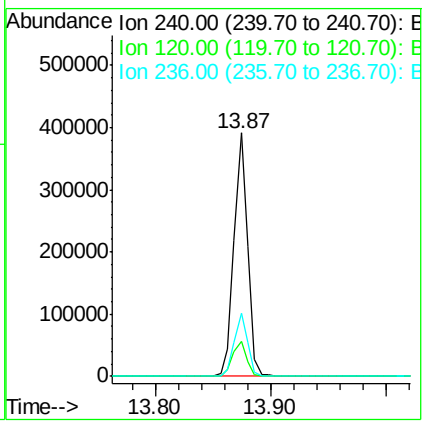


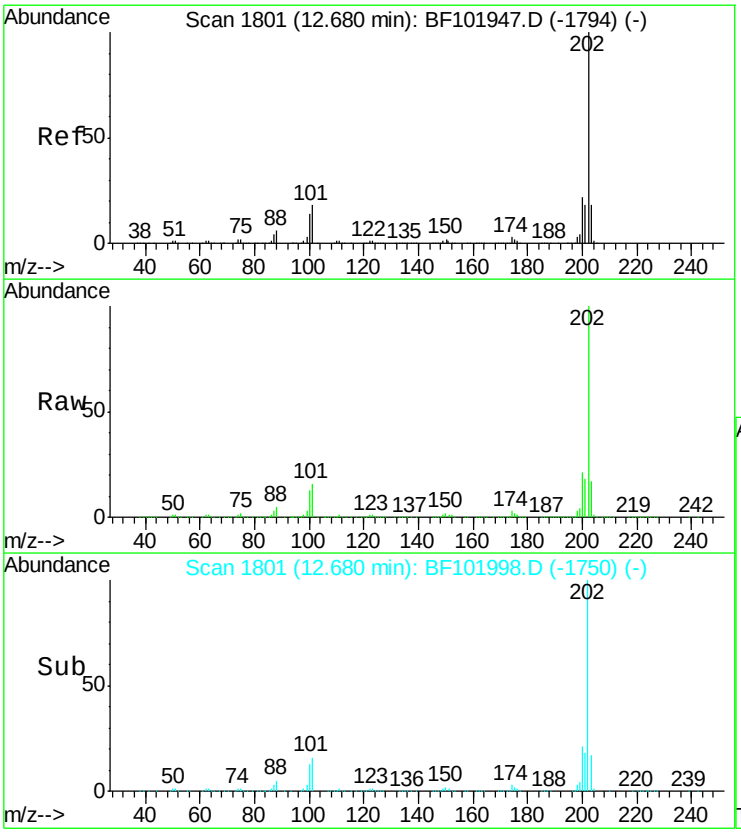
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:240 Resp: 321167

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.0	20.7	31.1

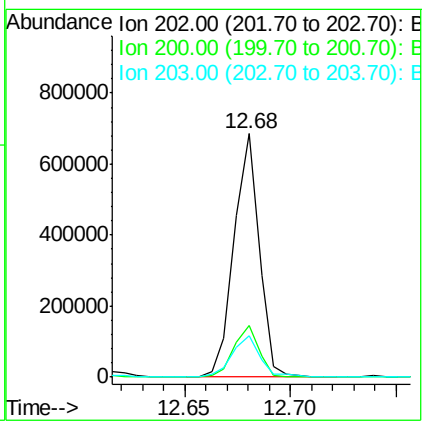


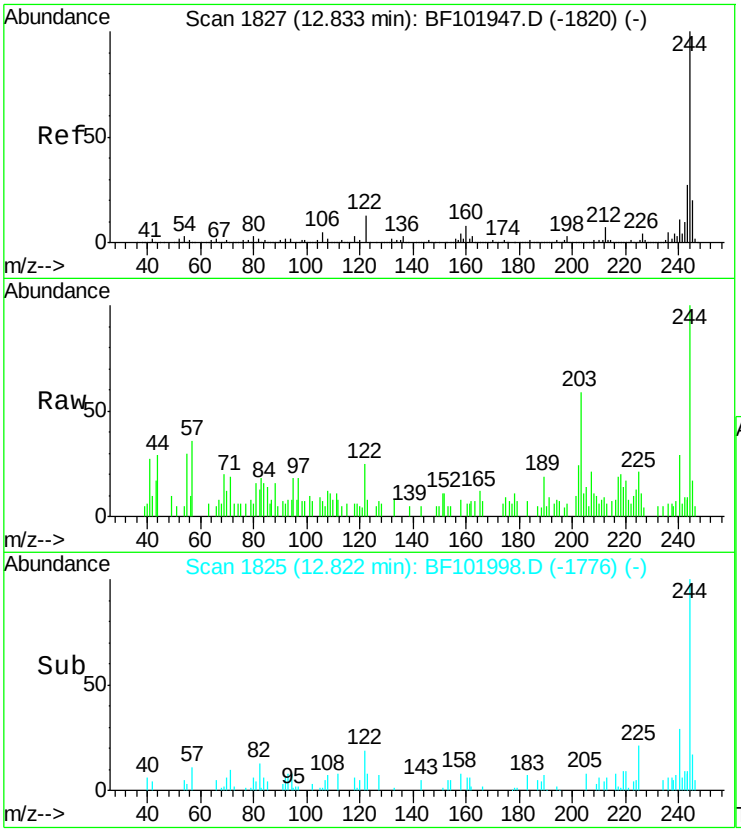


#77
Pyrene
Concen: 19.810 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:202 Resp: 562401

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.0	14.3	21.5



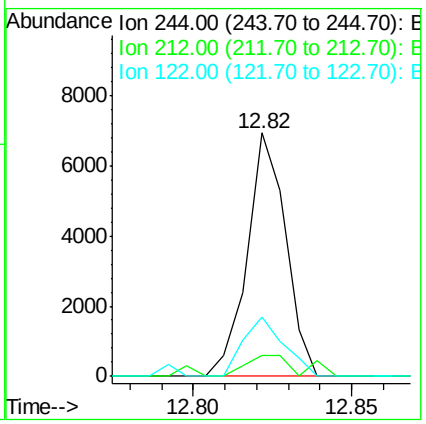


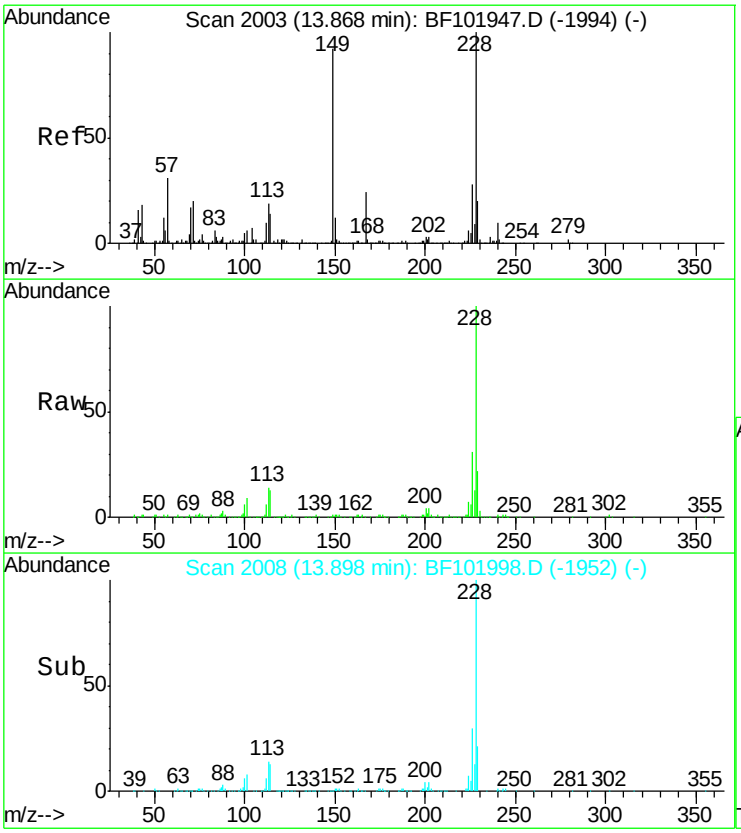
#78
Terphenyl-d14
Concen: 0.378 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument : BNA_F
ClientSampleId : WC-11R-01

Tgt Ion:244 Resp: 5846

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.4	8.0#
122	24.5	11.0	16.4#

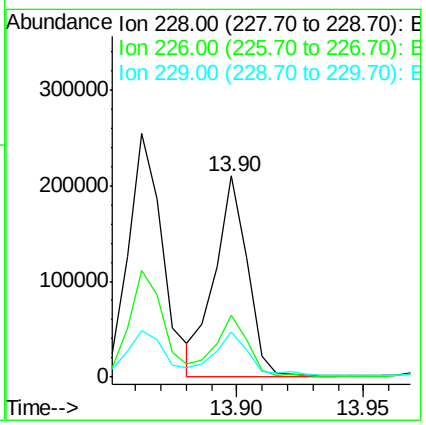


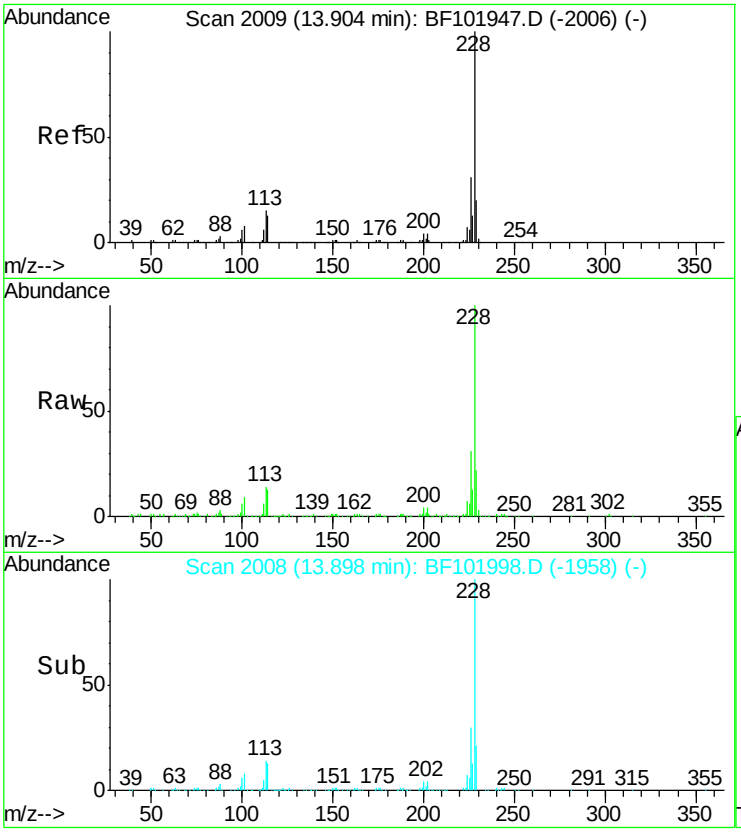


#80
Benzo(a)anthracene
Concen: 9.146 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:228 Resp: 187410

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.4	15.8	23.6



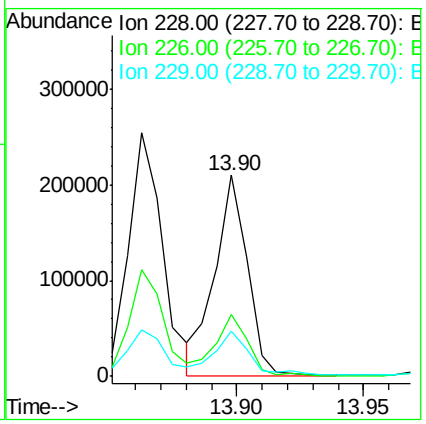


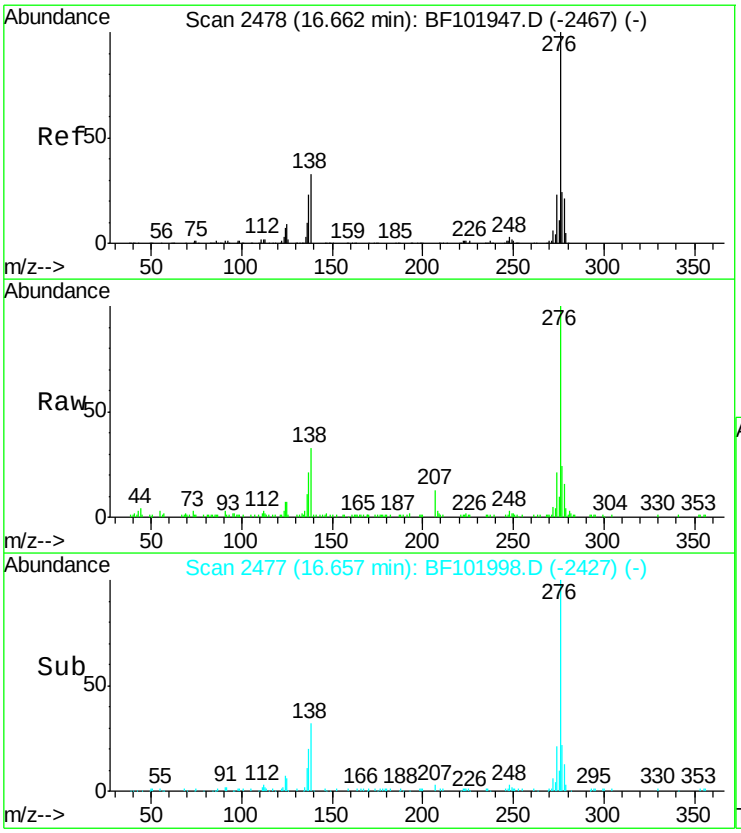
#82
Chrysene
Concen: 8.771 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:228 Resp: 187410

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.4	16.2	24.4

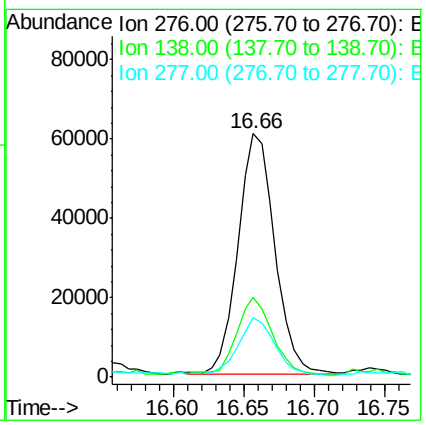


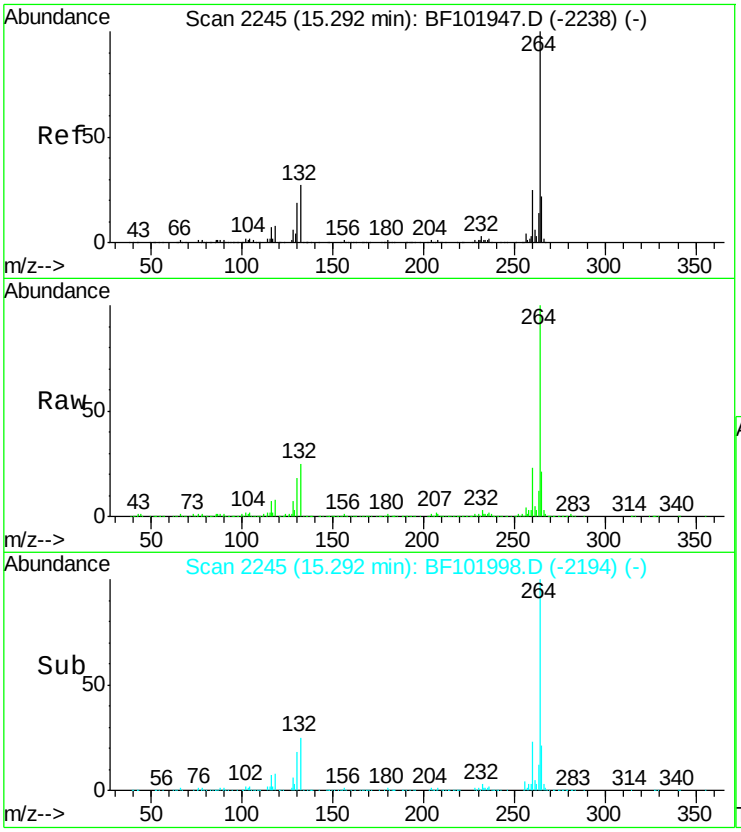


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.130 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:276 Resp: 110875

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.0	37.6
277	23.9	20.1	30.1



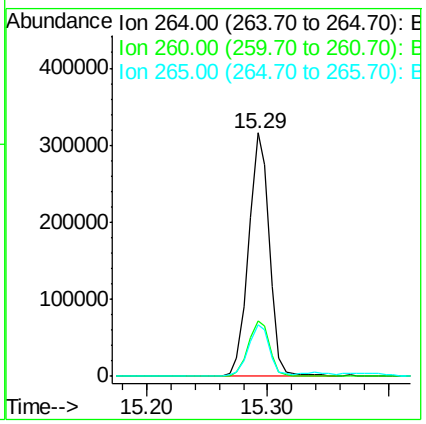


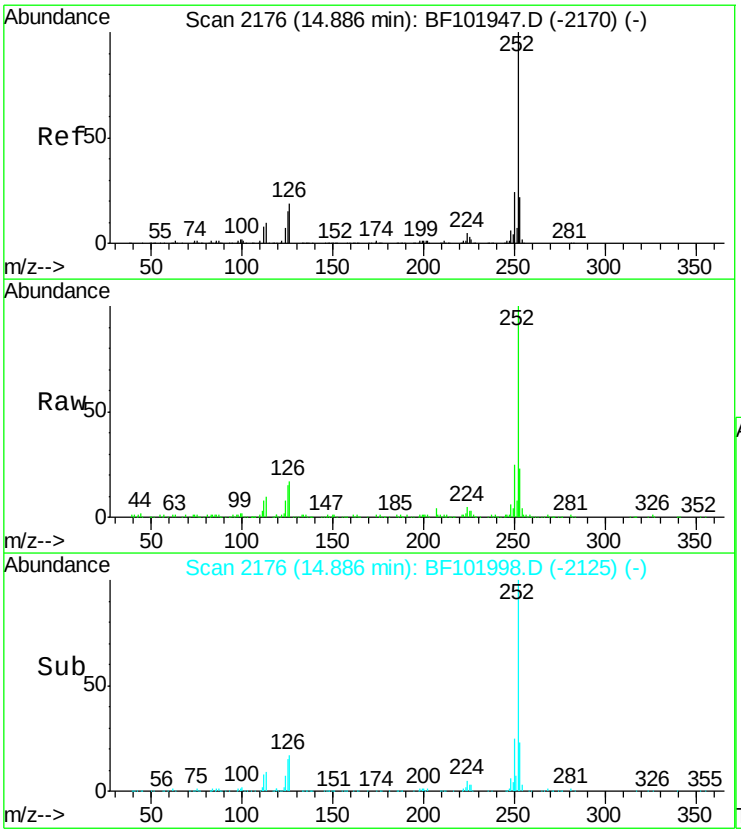
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:264 Resp: 379731

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3

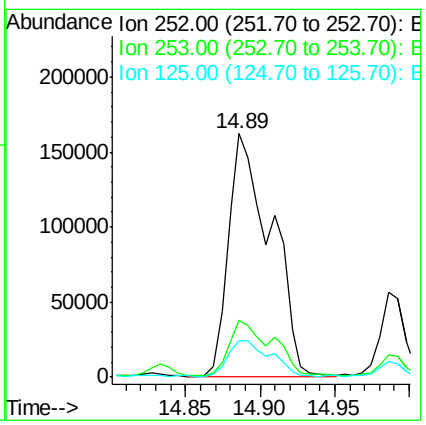


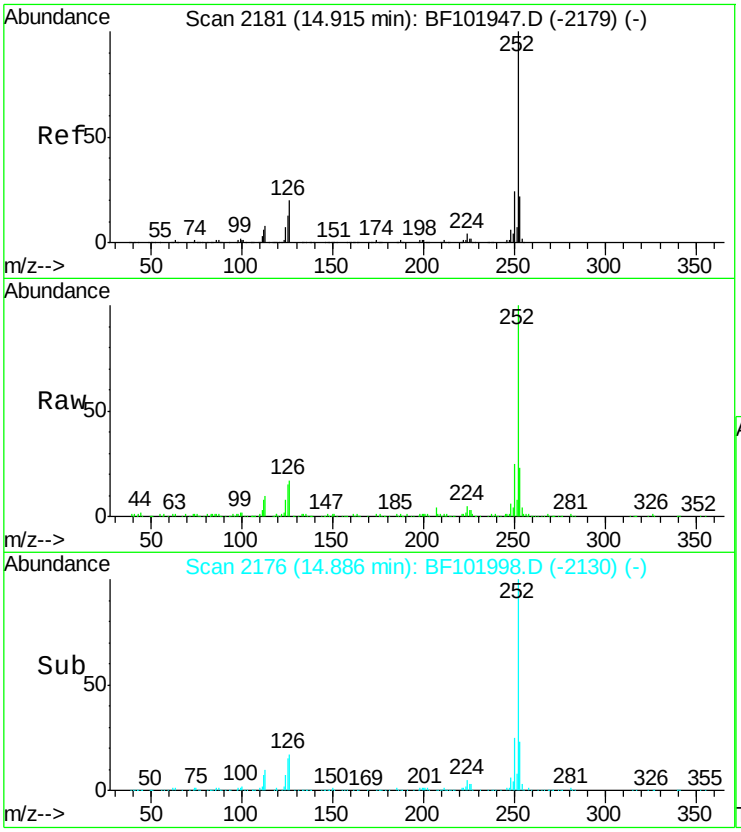


#87
Benzo(b)fluoranthene
Concen: 13.002 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:252 Resp: 321919

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.1	9.0	13.6#



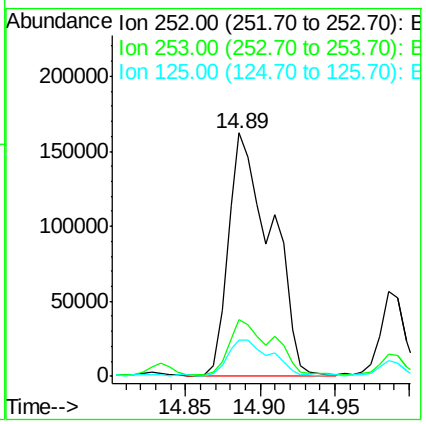


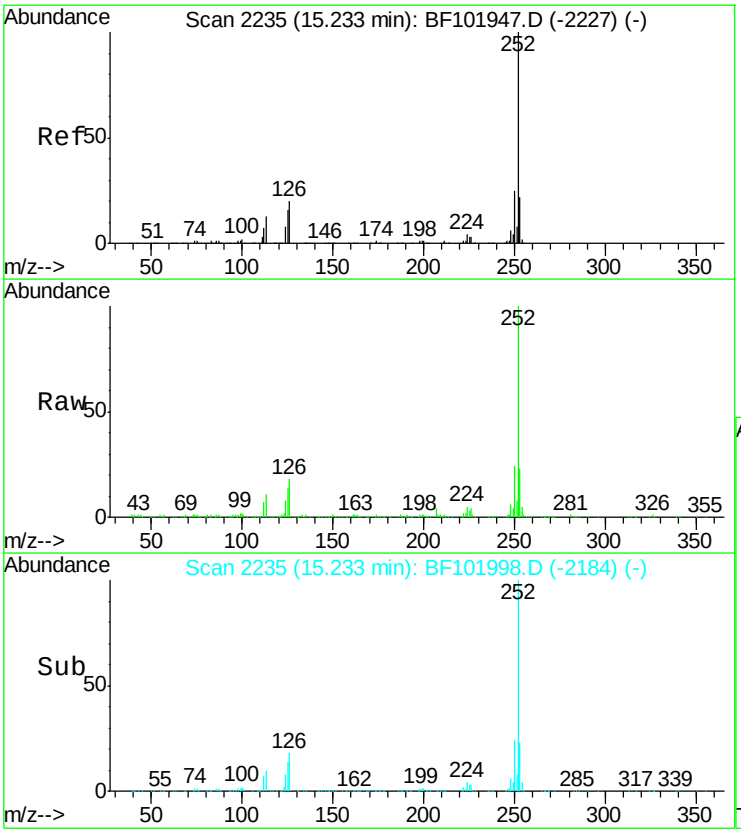
#88
Benzo(k)fluoranthene
Concen: 13.478 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:252 Resp: 321919

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.1	10.2	15.2

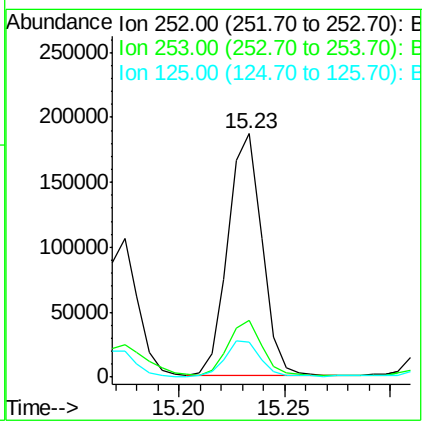


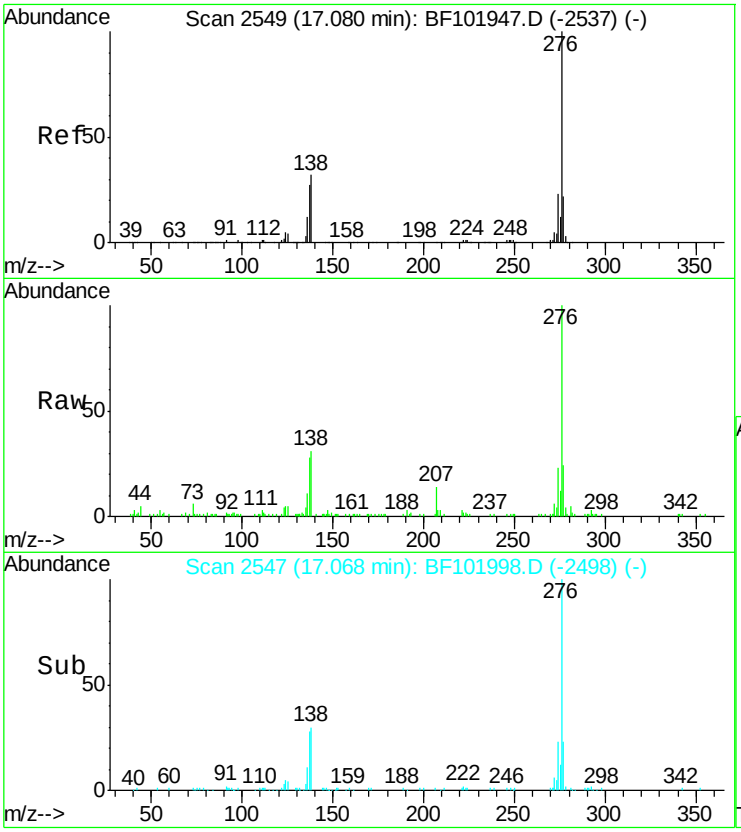


#89
Benzo(a)pyrene
Concen: 9.366 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Tgt Ion:252 Resp: 208676

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.746 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF101998.D
Acq: 10 Jan 2018 23:56

Instrument :
BNA_F
ClientSampleId :
WC-11R-01

Tgt Ion:276 Resp: 102911

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	30.8	21.8	32.8