Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-01

Quant Time: Jan 11 01:55:24 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	211520	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	883901	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	368489	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	594979	20.00	ng		0.00
75) Chrysene-d12	13.87	240	337666	20.00	ng		0.00
86) Perylene-d12	15.29	264	370374	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	4141	0.28	ng		0.00
7) Phenol-d6	6.35	99	5257	0.29	ng		0.00
23) Nitrobenzene-d5	7.28	82	3179	0.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	698	0.22	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	5762	0.24	ng		-0.01
78) Terphenyl-d14	12.82	244	5505	0.34	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.03	128	2556736	57.888	ng		99
33) 4-Chloroaniline	8.03	127	353137	18.733	ng	#	34
37) 2-Methylnaphthalene	8.72	142	578869	19.909	ng		100
45) 1,1'-Biphenyl	9.19	154	138842	4.263	ng		94
48) Acenaphthylene	9.62	152	407593	10.169	ng		99
49) Dimethylphthalate	9.76	163	107757	3.645	ng	#	1
51) Acenaphthene	9.79	154	166967	6.863	ng		99
53) 2,4-Dinitrophenol	9.73	184	128	8.708	ng	#	29
54) Dibenzofuran	9.96	168	191044	5.722	ng		98
57) Fluorene	10.31	166	349497	15.142	ng		100
64) 4,6-Dinitro-2-methylphenol	10.58	198	122	5.695	ng	#	1
70) Phenanthrene	11.27	178	1273406	36.640	ng		99
71) Anthracene	11.32	178	435694	12.361	ng		99
72) Carbazole	11.47	167	91263	2.634	ng		98
74) Fluoranthene	12.45	202	623105	18.223	ng		99
77) Pyrene	12.68	202	676826	22.676	ng		98
80) Benzo(a)anthracene	13.90	228	180833	8.394	ng		95
82) Chrysene	13.90	228	180833	8.050	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	102055	6.242	ng		98
87) Benzo(b)fluoranthene	14.89	252	255450	10.578	ng	#	94
88) Benzo(k)fluoranthene	14.89	252	255450	10.965	ng	#	97
89) Benzo(a)pyrene	15.23	252	193951	8.925	ng	#	94
91) Benzo(g,h,i)perylene	17.07	276	106655	6.105	ng		95

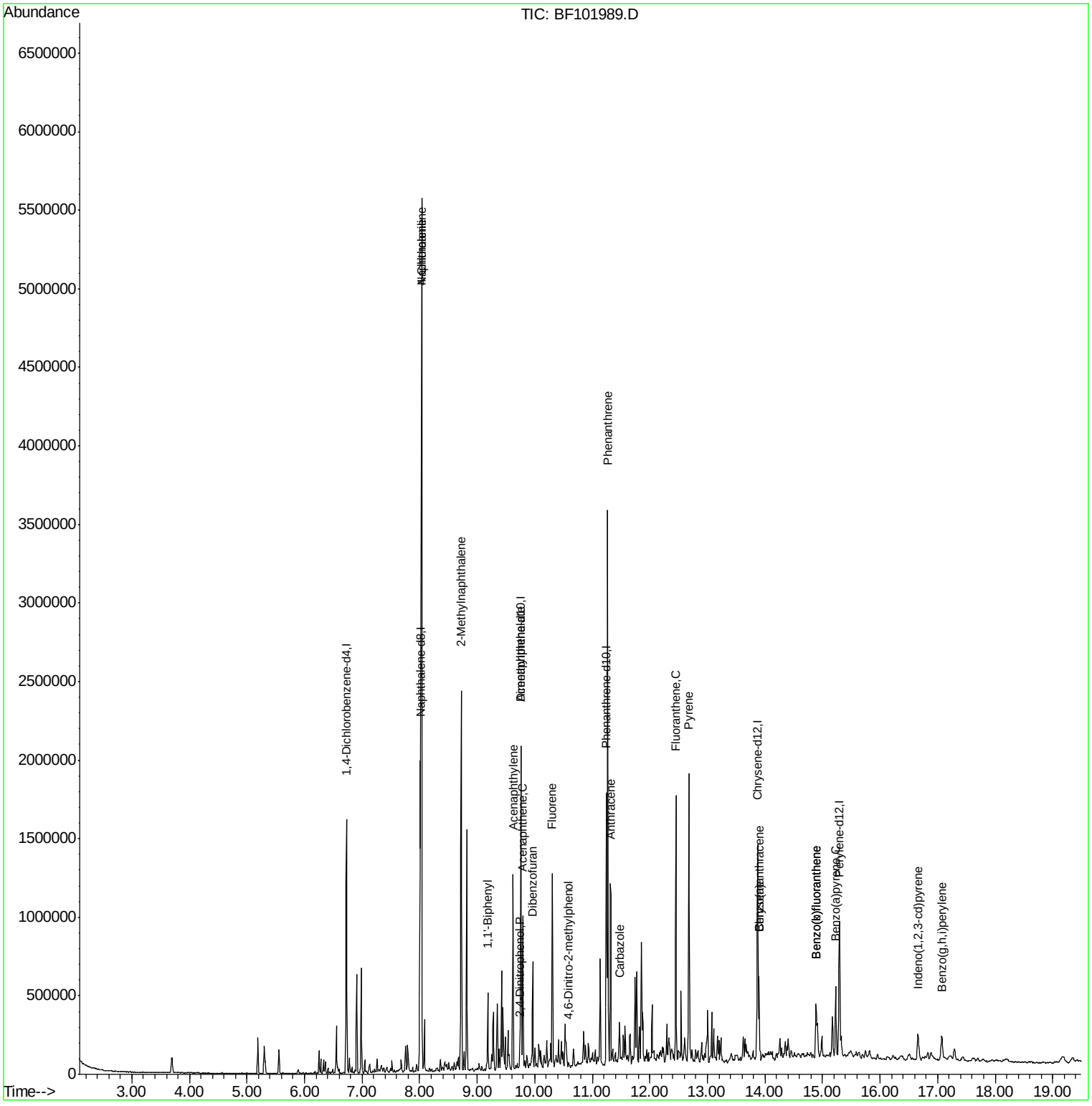
(#) = qualifier out of range (m) = manual integration (+) = signals summed

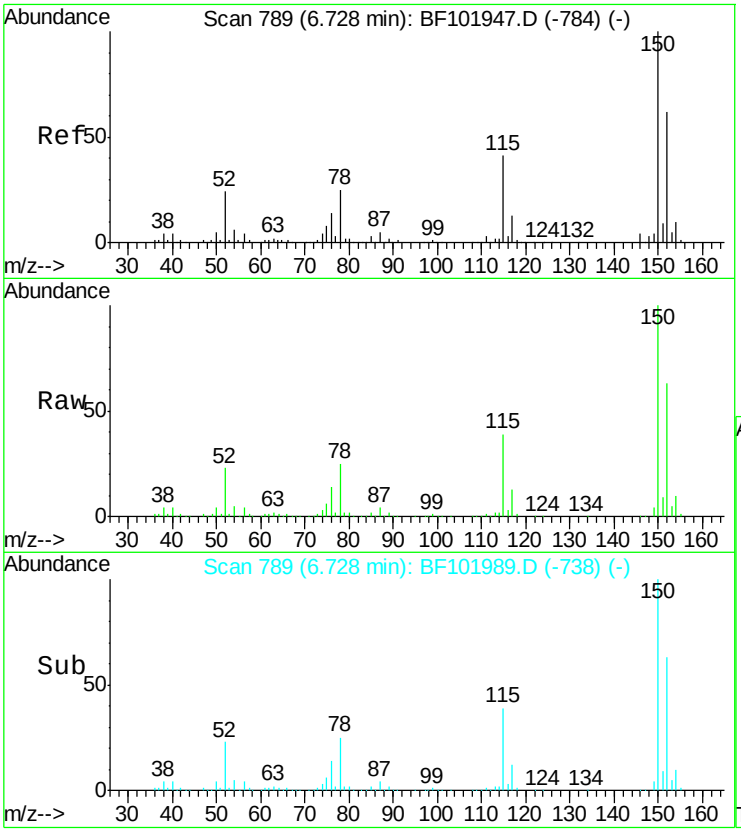
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101989.D
Acq On : 10 Jan 2018 19:56
Operator : SJ/JU
Sample : J1076-06 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-01

Quant Time: Jan 11 01:55:24 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



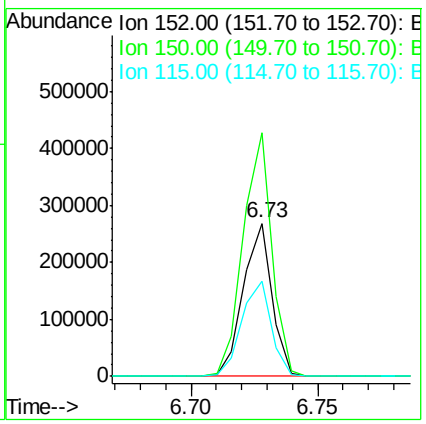


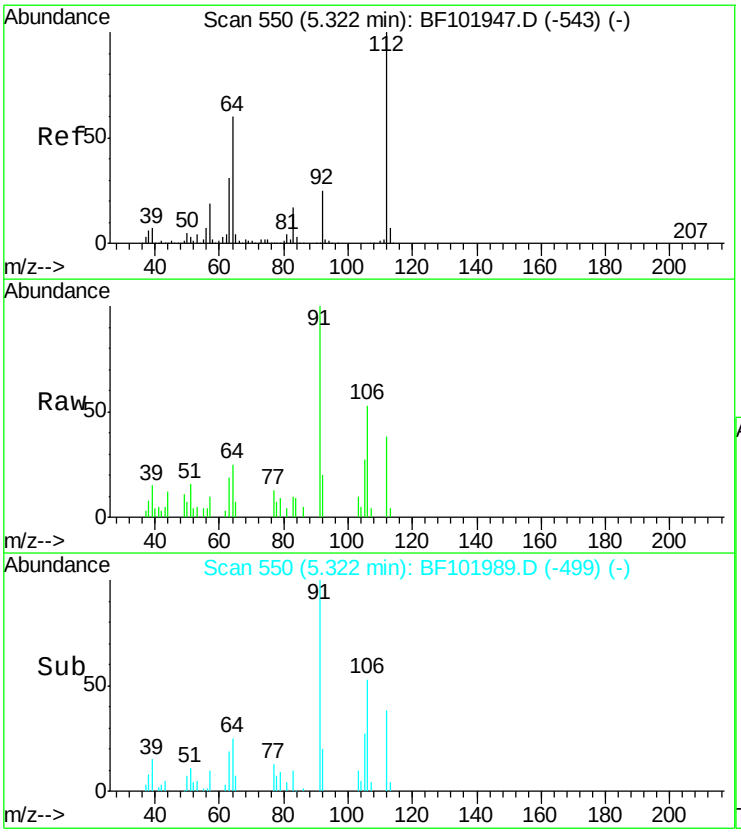
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:152 Resp: 211520

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	62.3	50.1	75.1

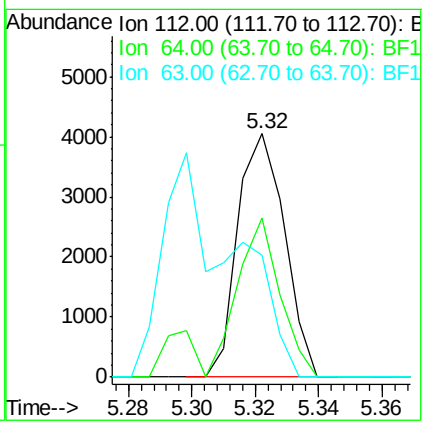


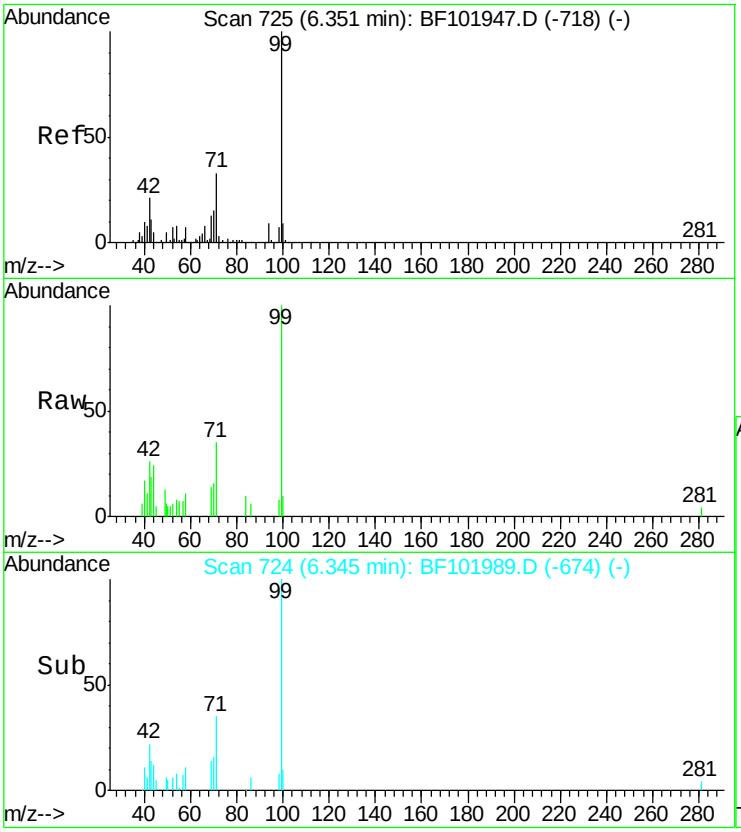


#5
2-Fluorophenol
Concen: 0.276 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:112 Resp: 4141

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	49.9	23.7	35.5#



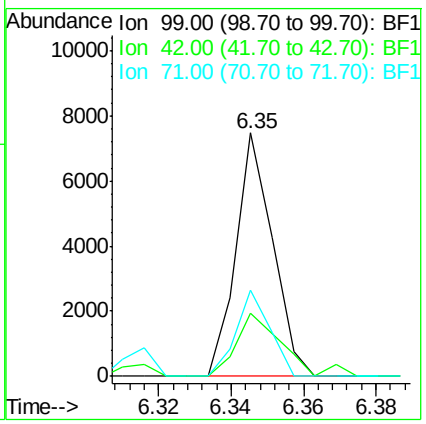


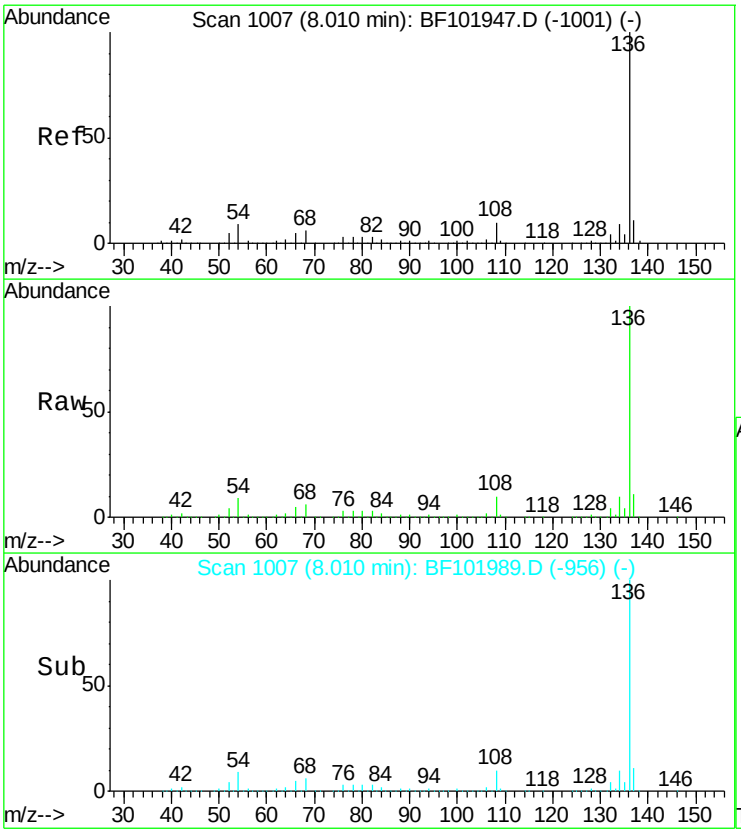
#7
Phenol-d6
Concen: 0.294 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion: 99 Resp: 5257

Ion	Ratio	Lower	Upper
99	100		
42	25.7	14.5	21.7#
71	35.3	25.4	38.0

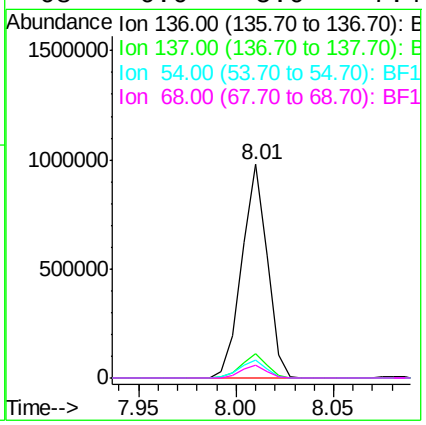


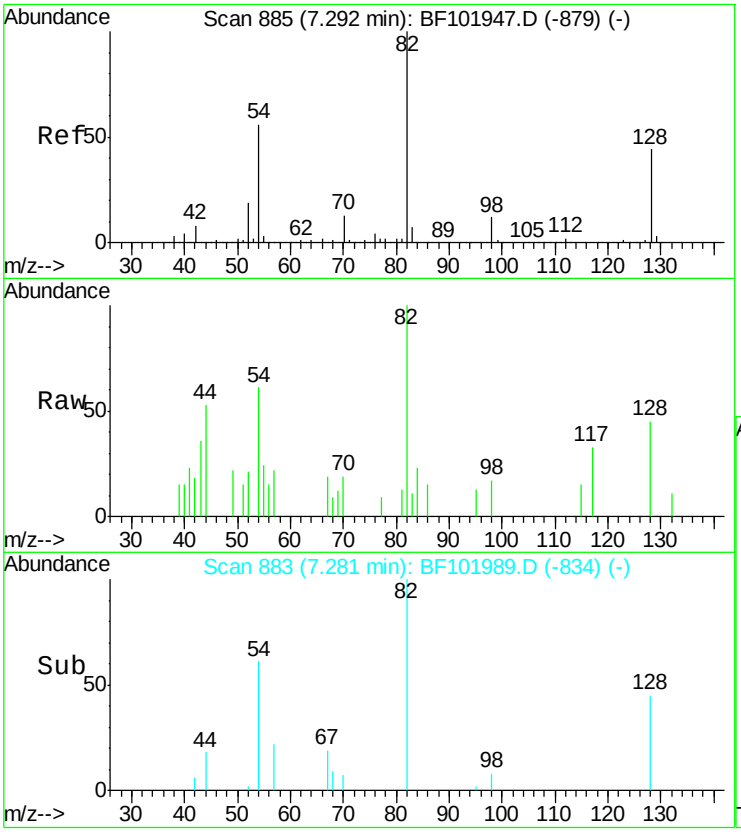


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:136 Resp: 883901

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	6.0	5.0	7.4



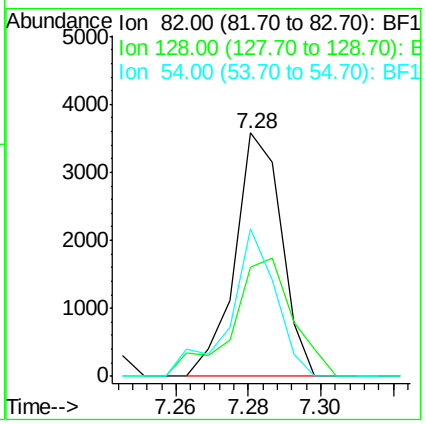


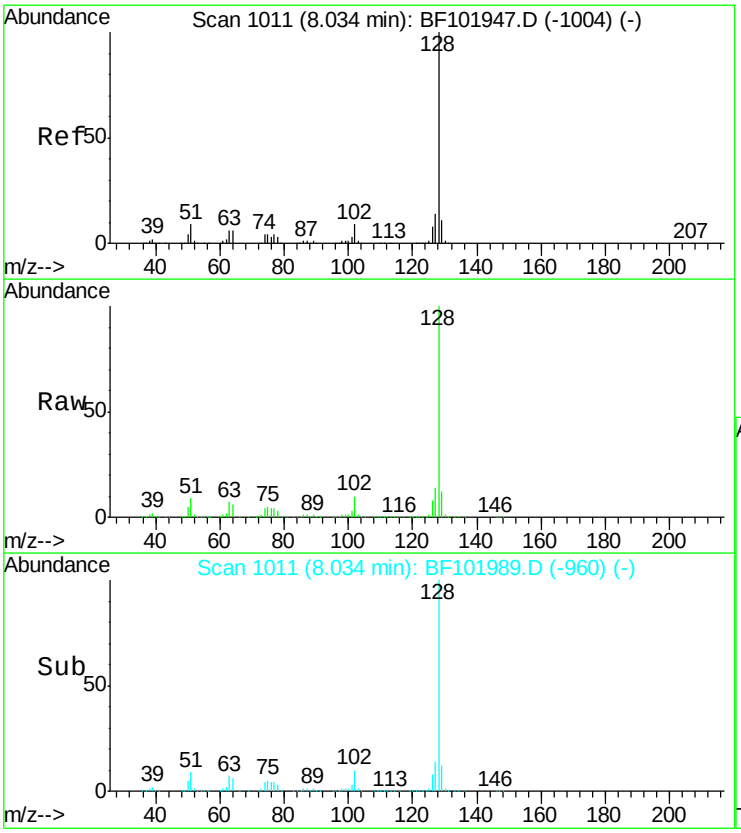
#23
Nitrobenzene-d5
Concen: 0.211 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion: 82 Resp: 3179

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	60.7	41.4	62.2

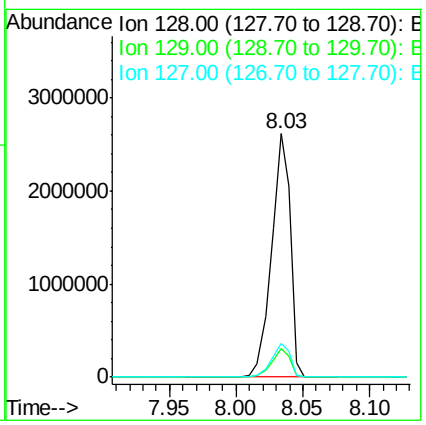


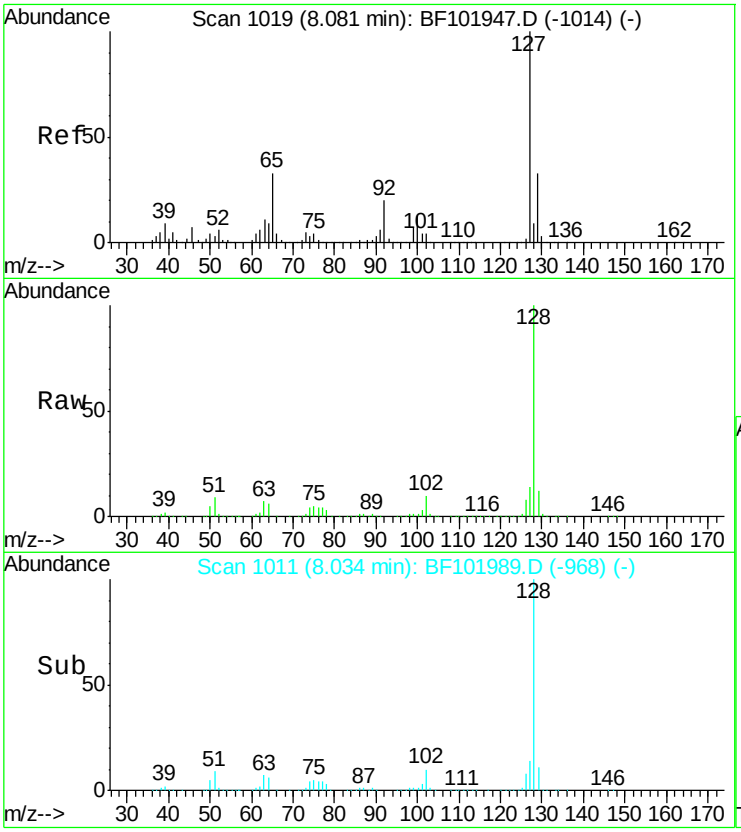


#31
Naphthalene
Concen: 57.888 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:128 Resp: 2556736

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.1	10.9	16.3



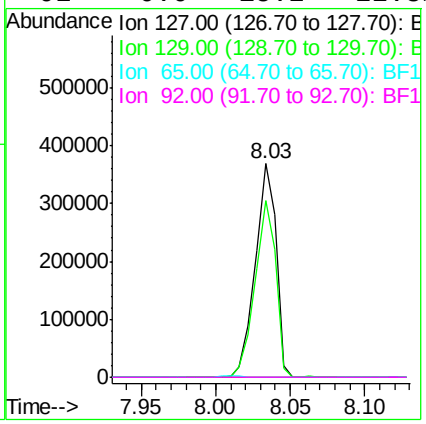


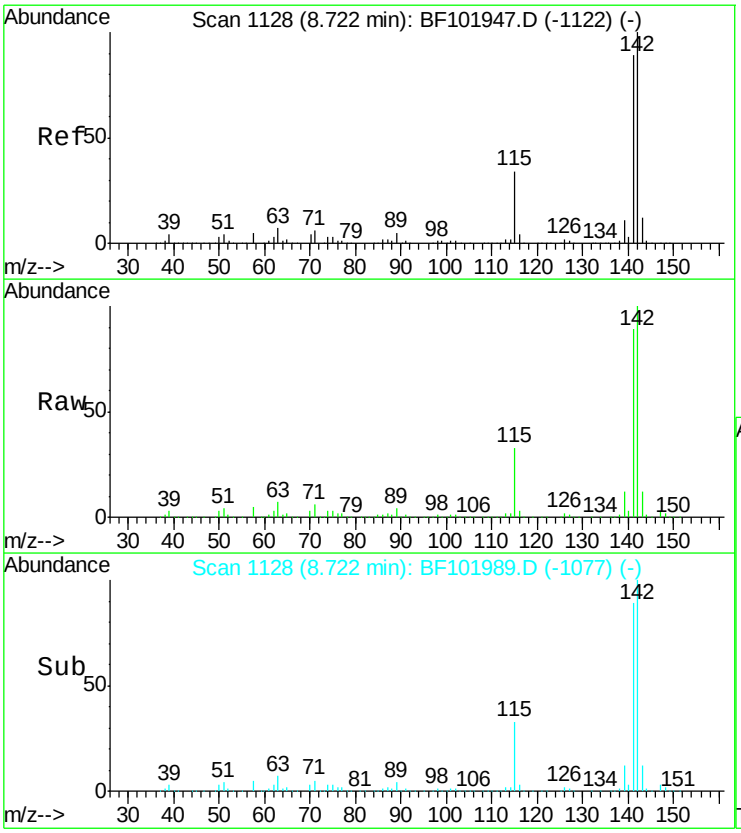
#33
4-Chloroaniline
Concen: 18.733 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:127 Resp: 353137

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

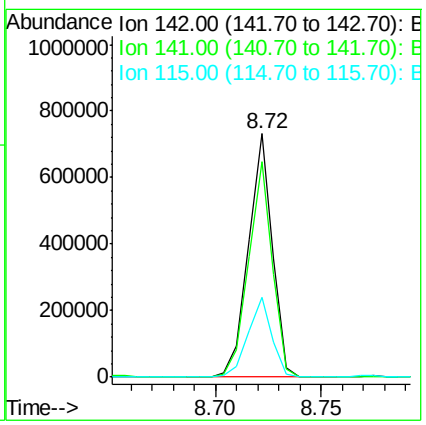


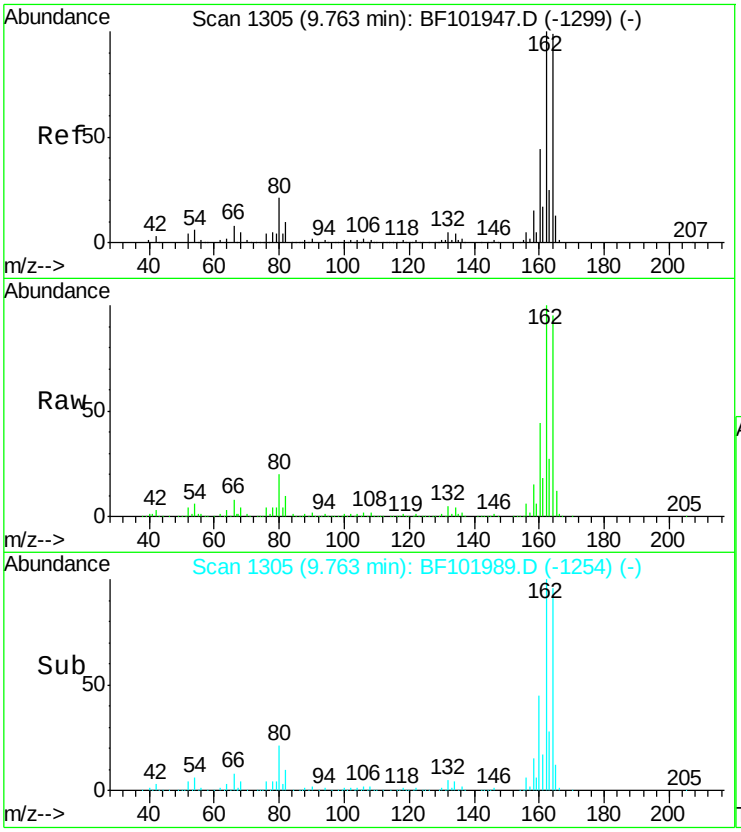


#37
2-Methylnaphthalene
Concen: 19.909 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:142 Resp: 578869

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.6	26.1	39.1



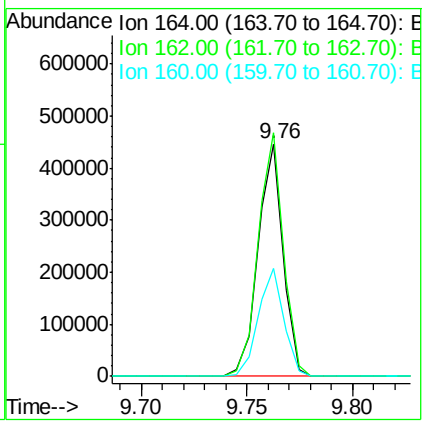


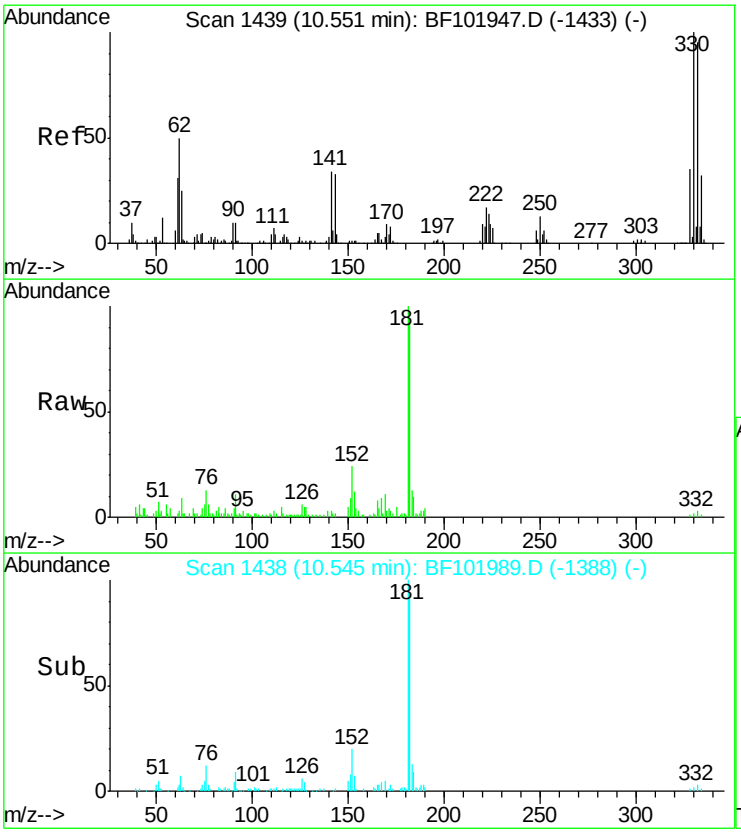
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:164 Resp: 368489

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.6	38.3	57.5

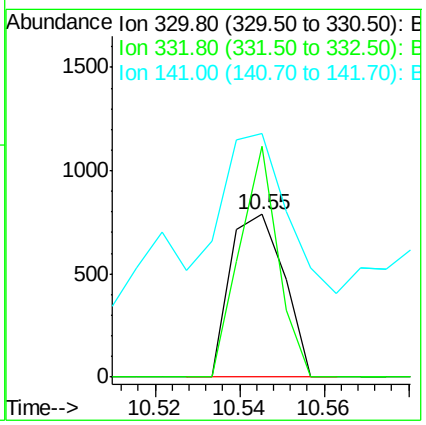


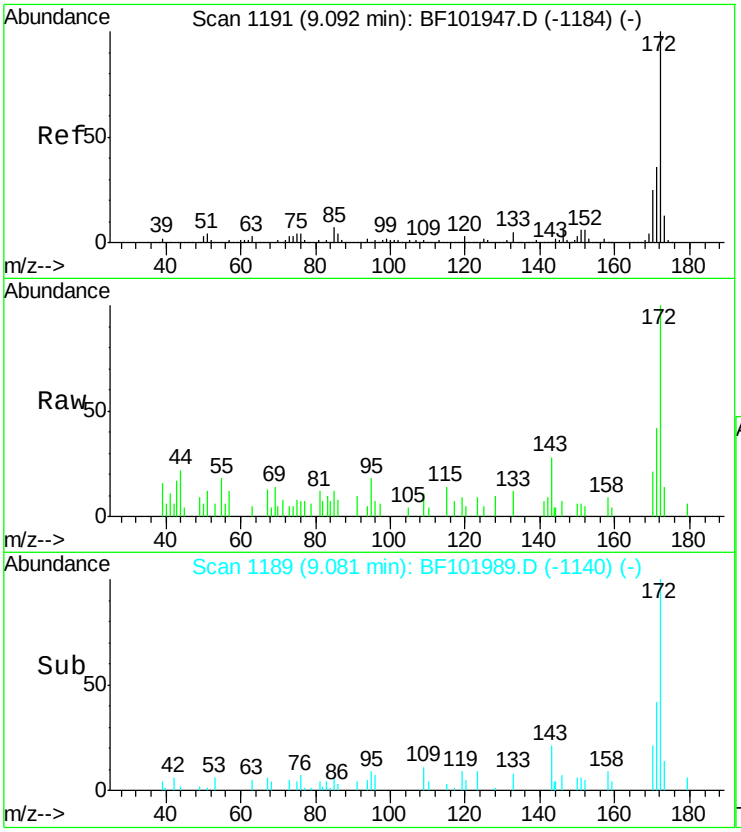


#41
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:330 Resp: 698

Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	172.5	29.9	44.9#

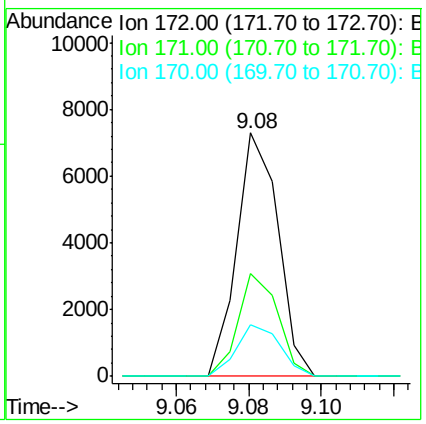




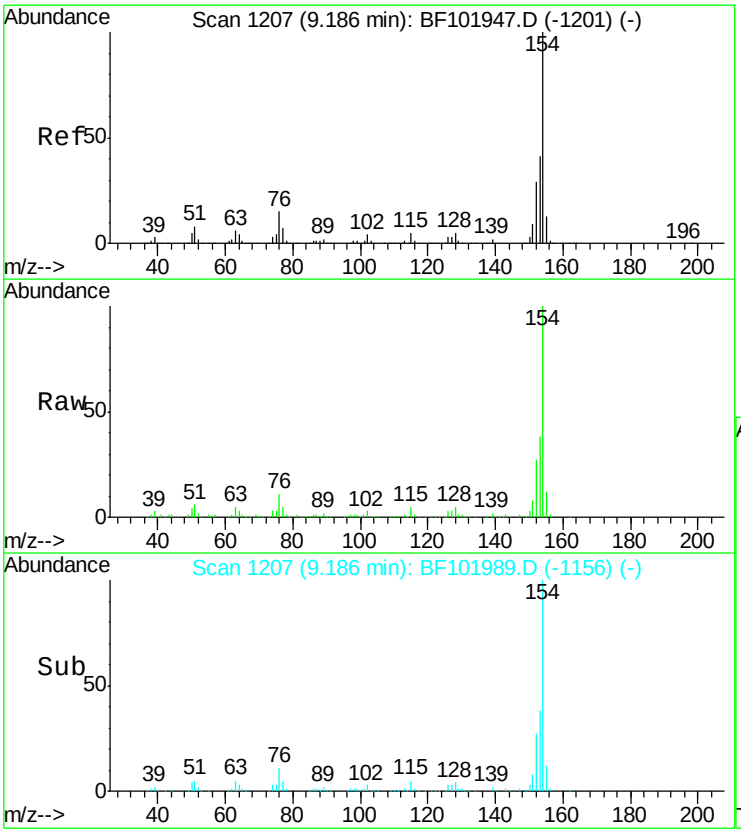
#44
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:172 Resp: 5762

Ion	Ratio	Lower	Upper
172	100		
171	42.2	29.7	44.5
170	21.0	19.6	29.4



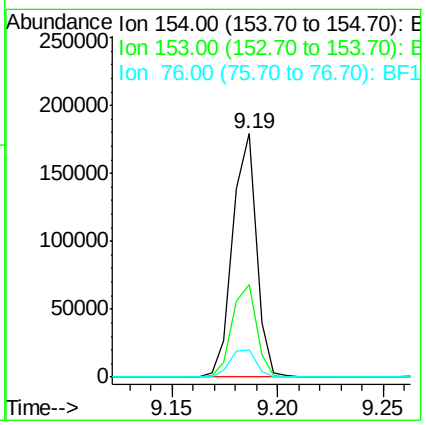
Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

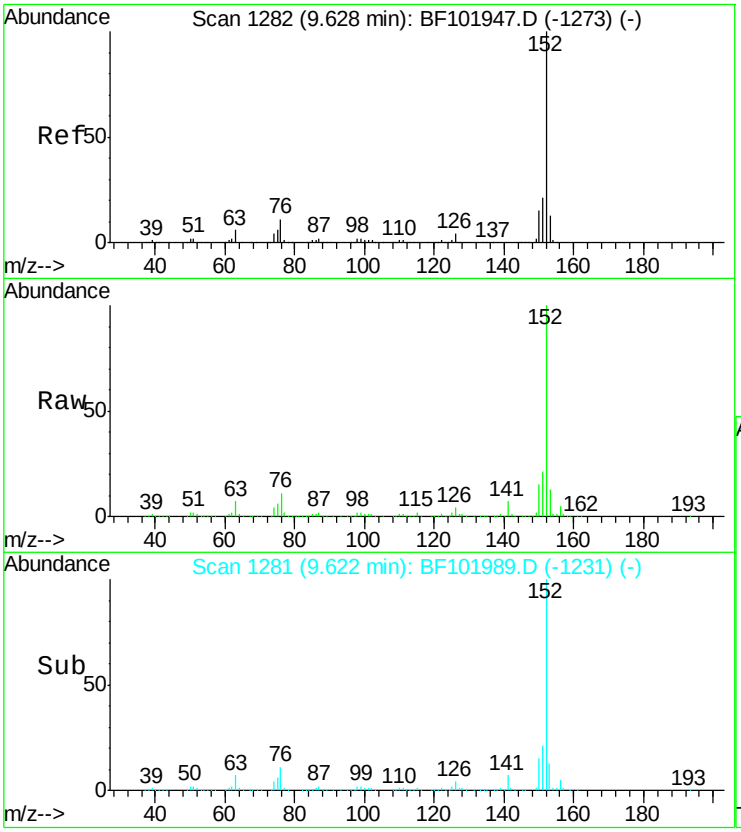


#45
1,1'-Biphenyl
Concen: 4.263 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:154 Resp: 138842

Ion	Ratio	Lower	Upper
154	100		
153	38.0	21.3	61.3
76	11.3	0.0	34.0



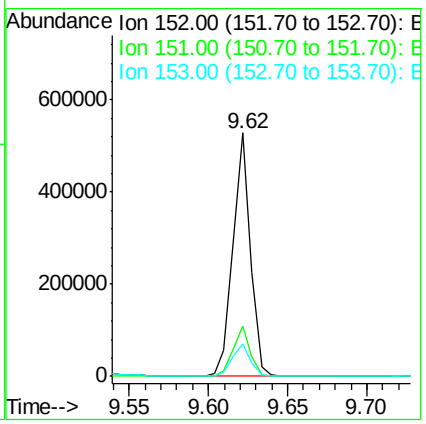


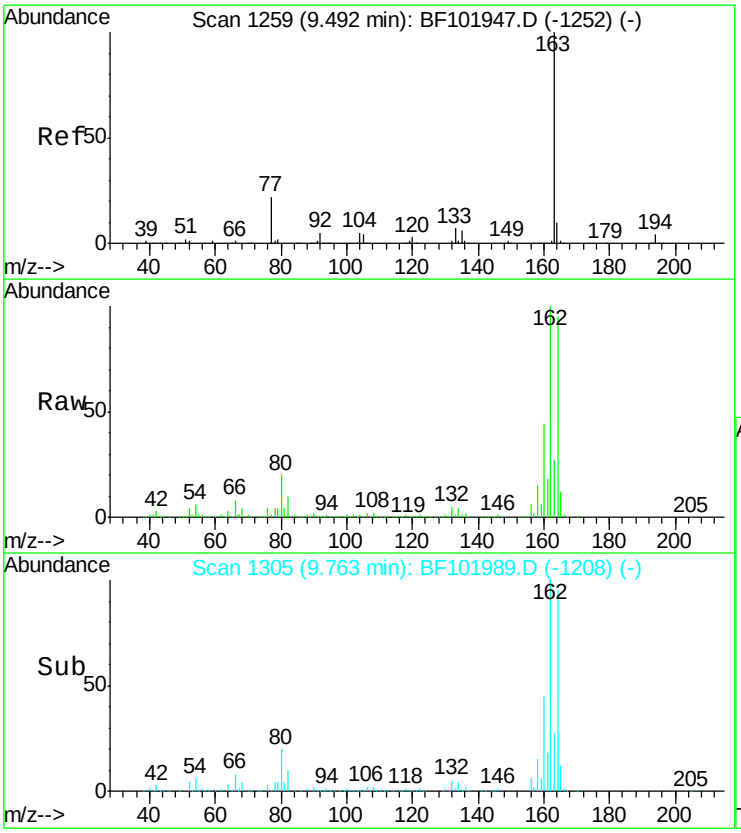
#48
Acenaphthylene
Concen: 10.169 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:152 Resp: 407593

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1

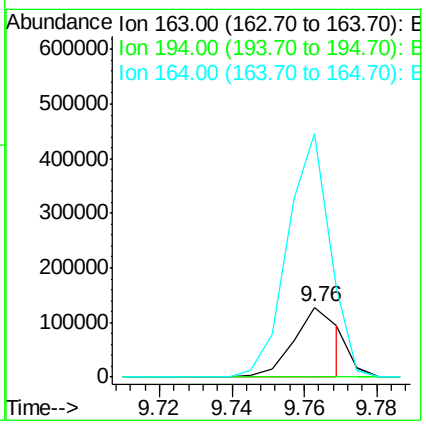


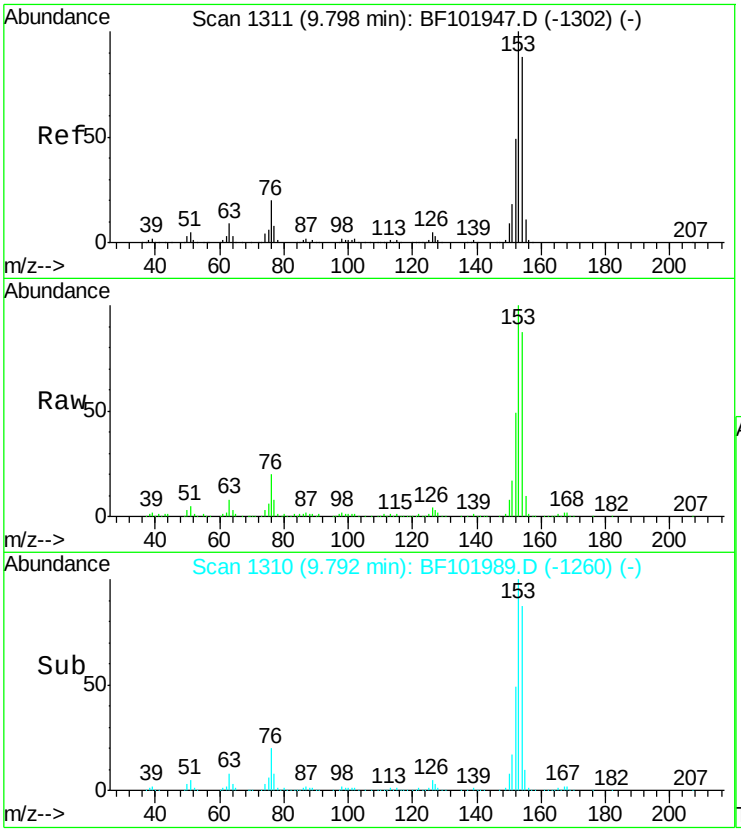


#49
Dimethylphthalate
Concen: 3.645 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.27 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:163 Resp: 107757

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	347.9	8.2	12.2#



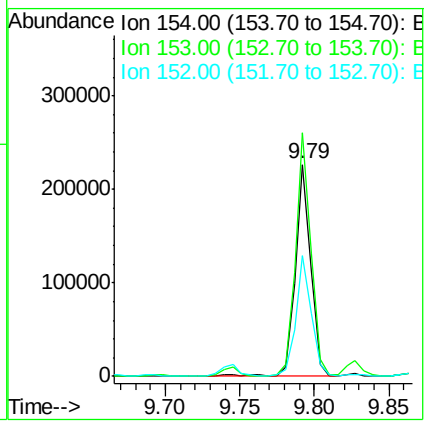


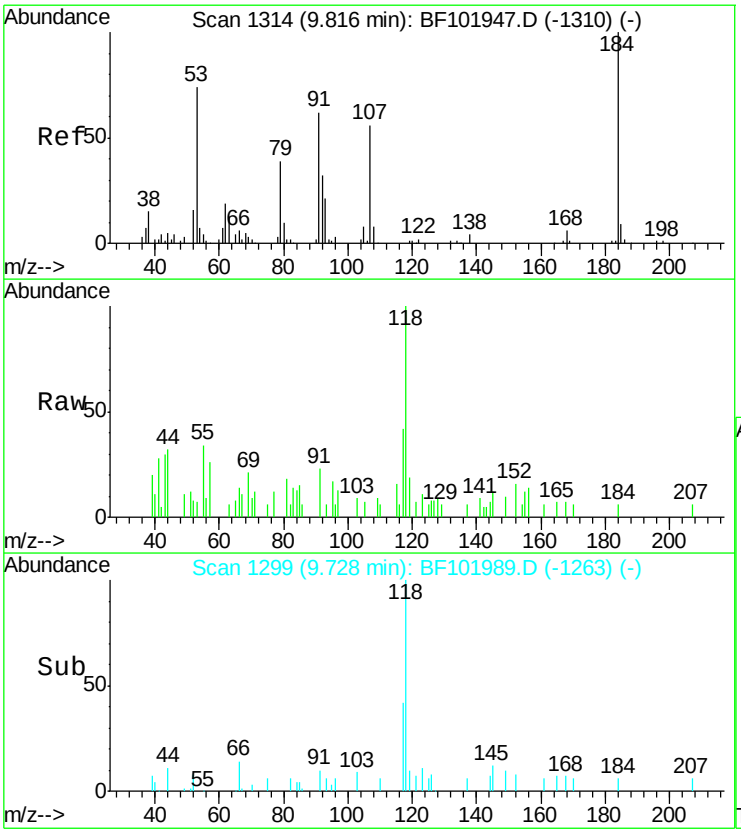
#51
Acenaphthene
Concen: 6.863 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:154 Resp: 166967

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	56.7	43.8	65.8

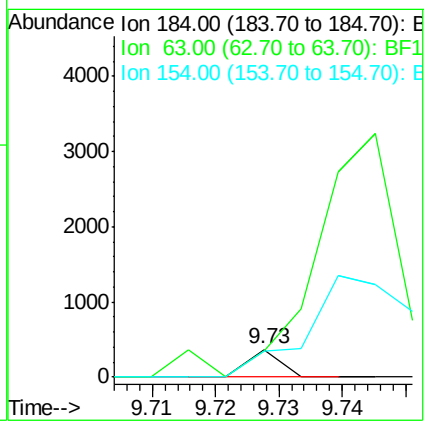


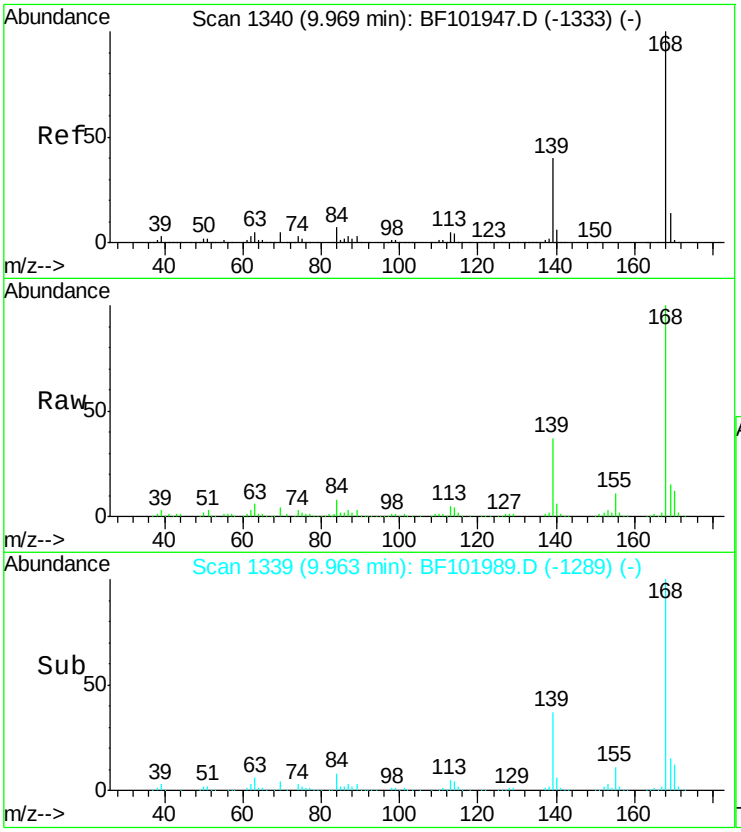


#53
2,4-Dinitrophenol
Concen: 8.708 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.09 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:184 Resp: 128

Ion	Ratio	Lower	Upper
184	100		
63	93.7	54.2	81.2#
154	93.7	184.0	276.0#



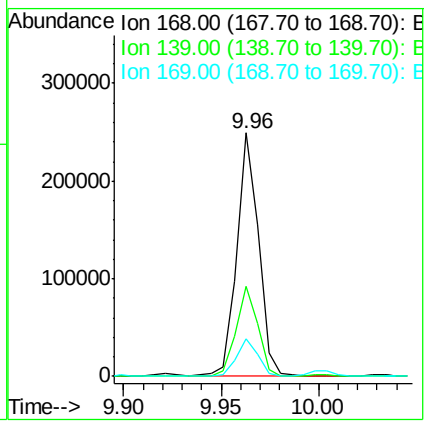


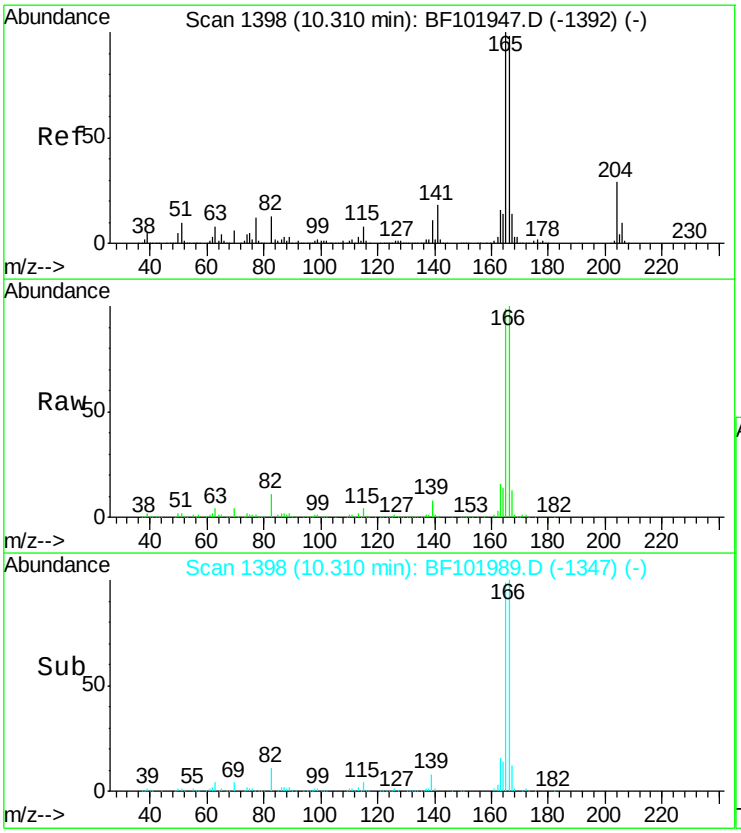
#54
Dibenzofuran
Concen: 5.722 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:168 Resp: 191044

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	15.2	10.9	16.3

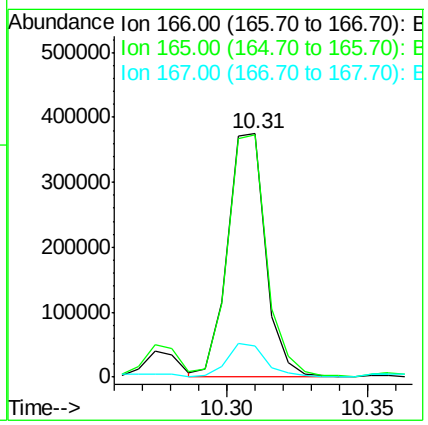


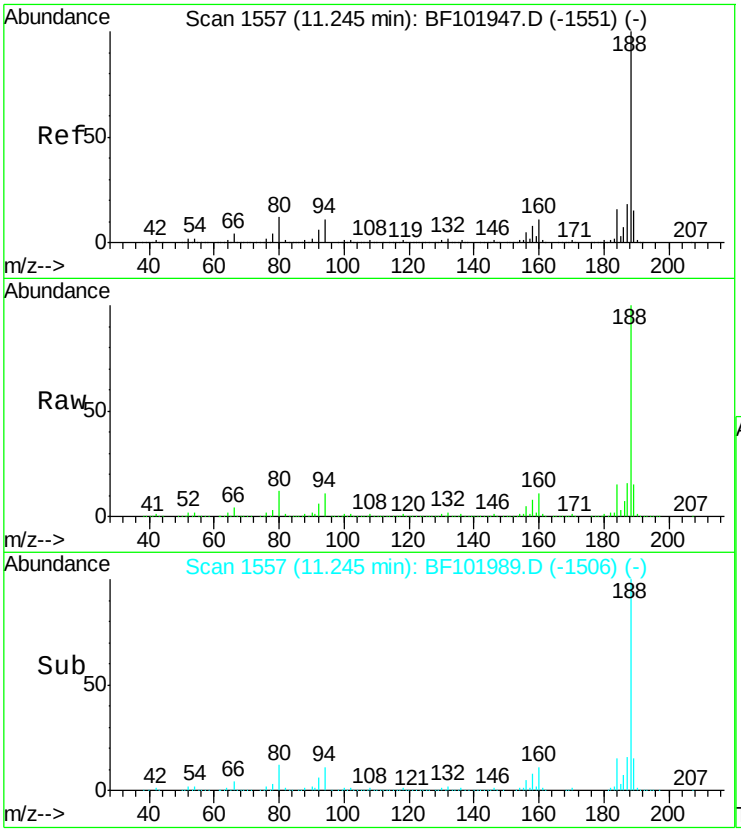


#57
Fluorene
Concen: 15.142 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:166 Resp: 349497

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	12.6	10.6	16.0



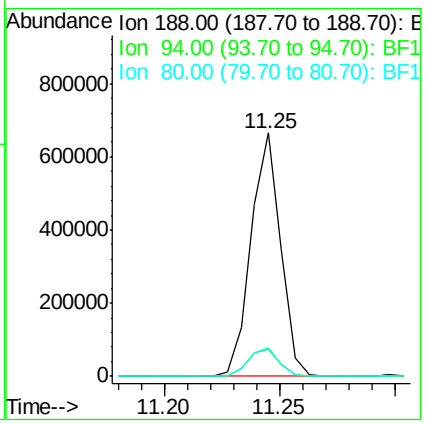


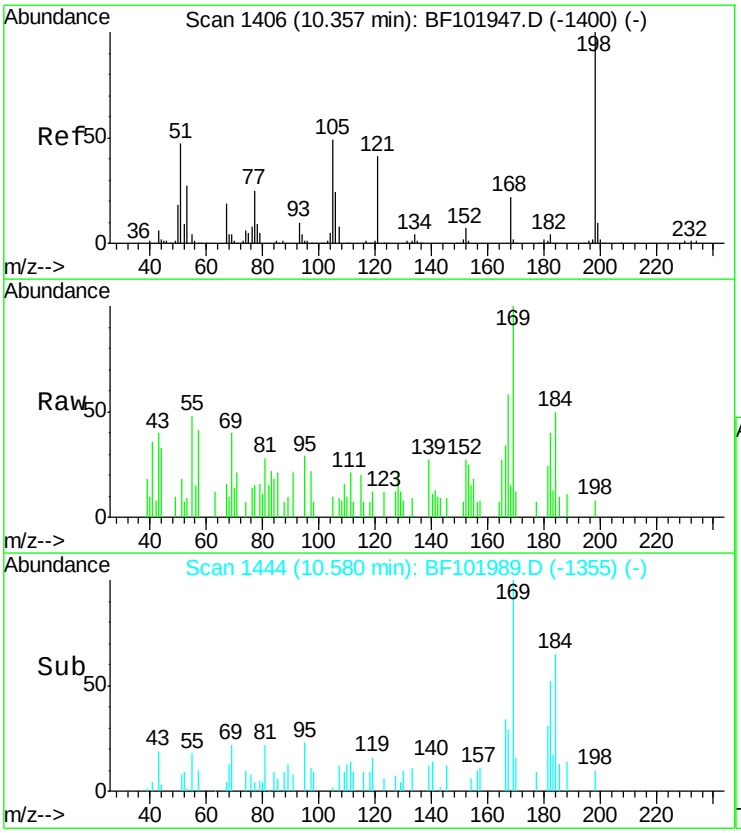
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:188 Resp: 594979

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.9	9.2	13.8

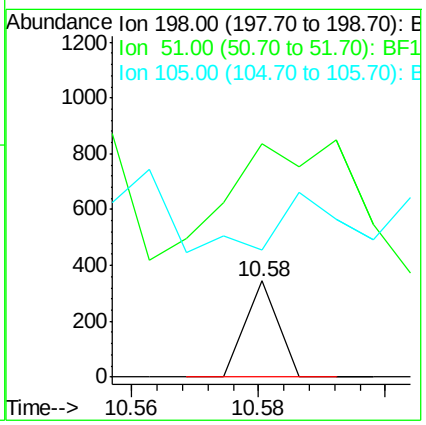


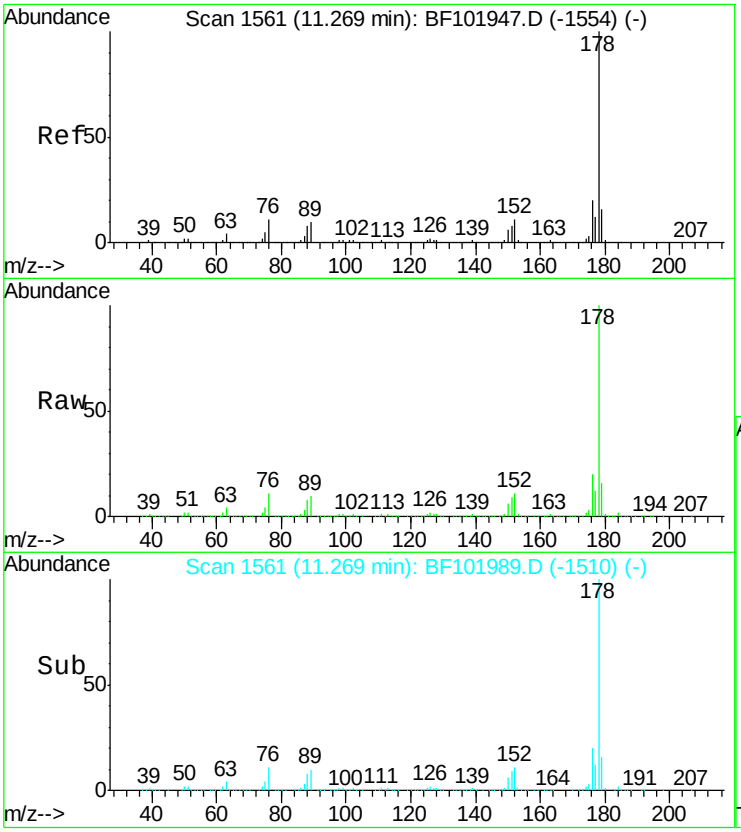


#64
4,6-Dinitro-2-methylphenol
Concen: 5.695 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.22 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:198 Resp: 122

Ion	Ratio	Lower	Upper
198	100		
51	242.0	37.7	77.7#
105	131.9	36.3	76.3#



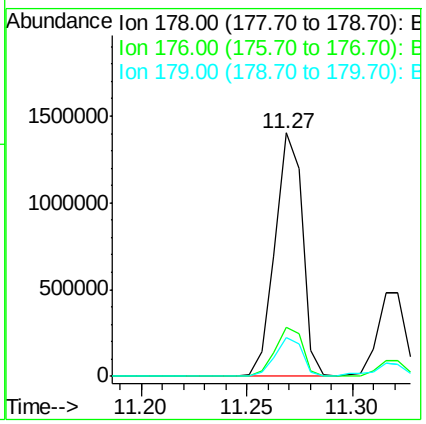


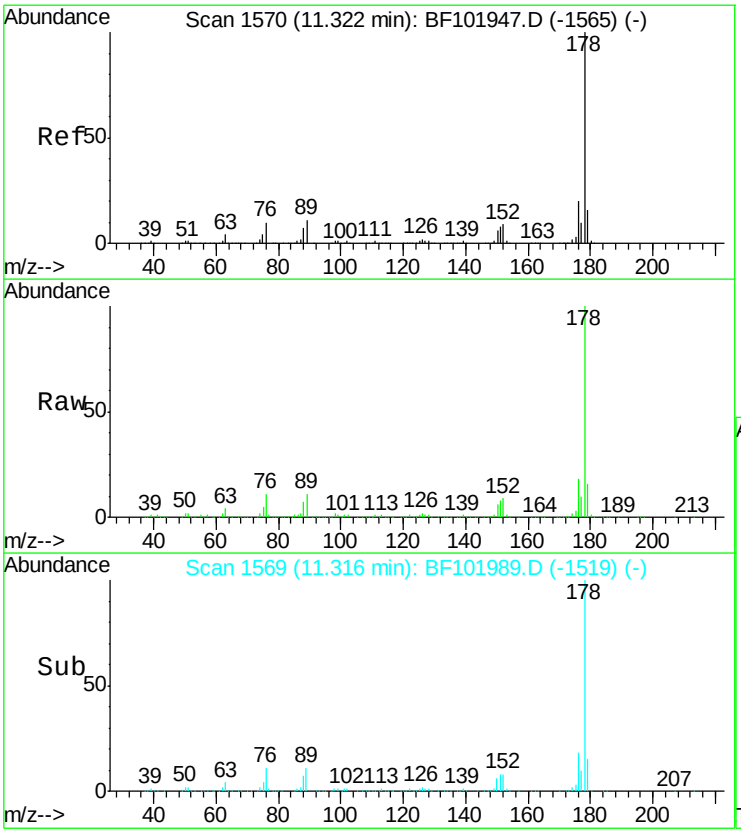
#70
Phenanthrene
Concen: 36.640 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:178 Resp: 1273406

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.0	13.0	19.6

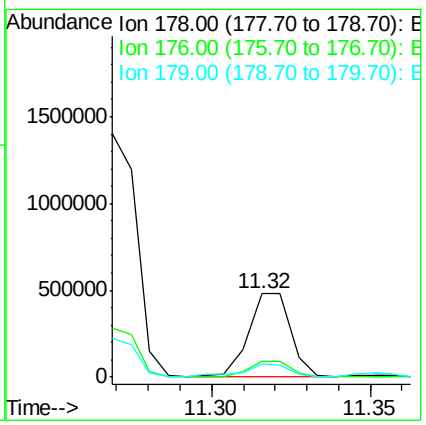


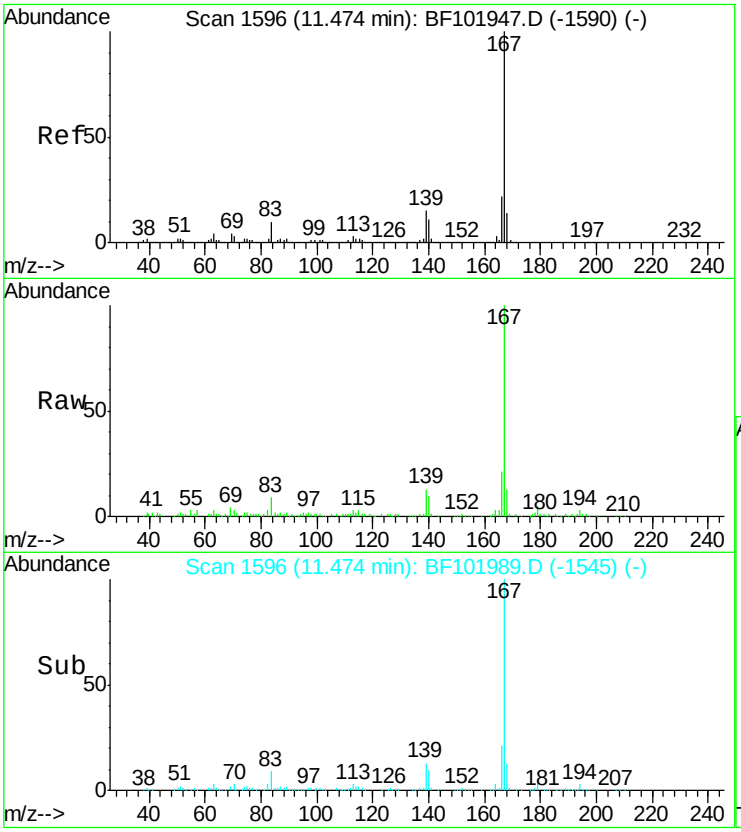


#71
Anthracene
Concen: 12.361 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:178 Resp: 435694

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.6	12.6	19.0



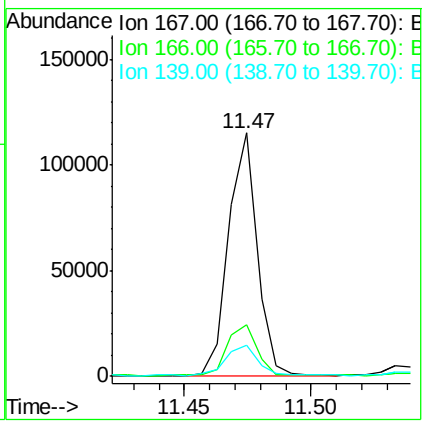


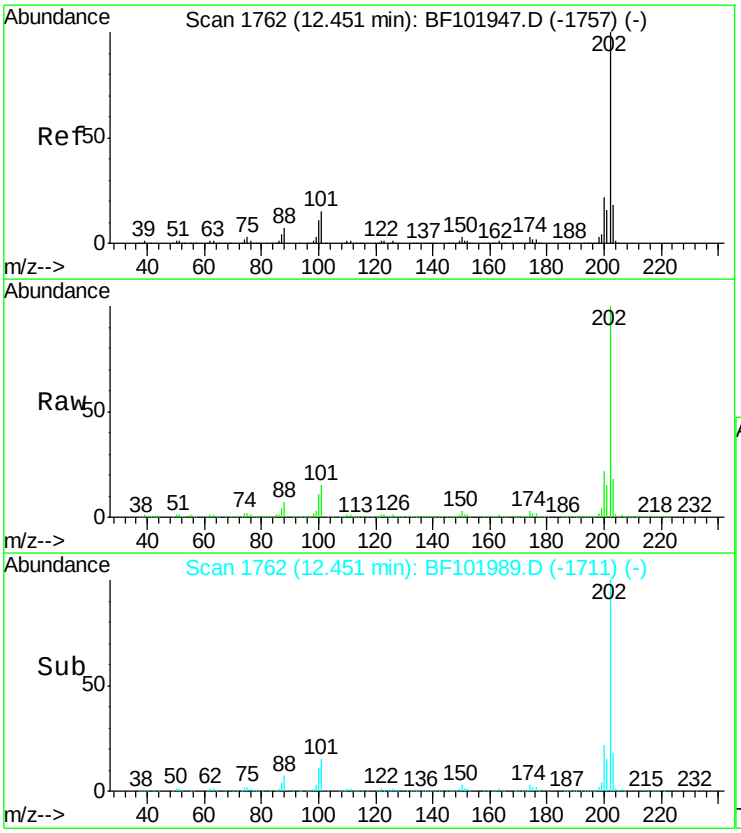
#72
Carbazole
Concen: 2.634 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:167 Resp: 91263

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.7	10.9	16.3

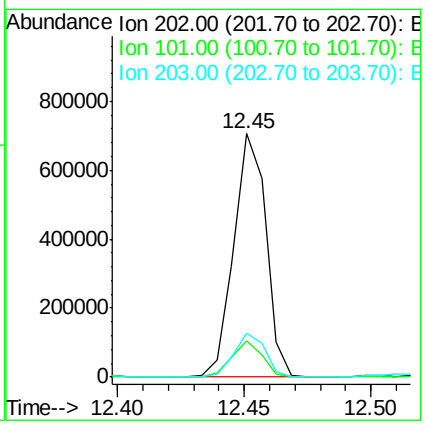


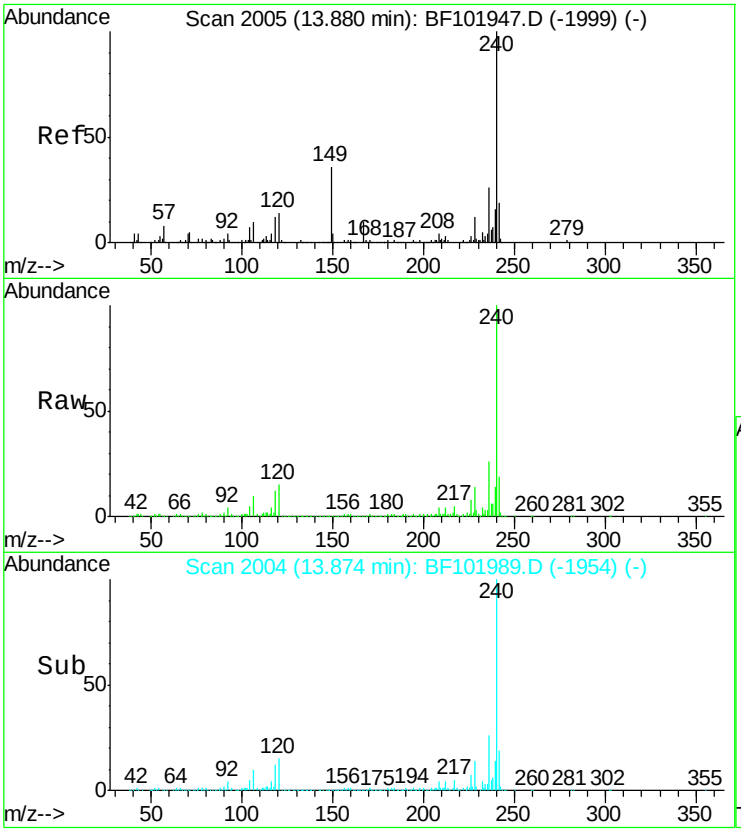


#74
Fluoranthene
Concen: 18.223 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:202 Resp: 623105

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	18.1	0.0	38.1



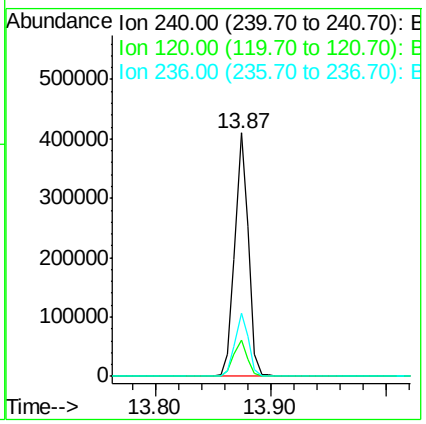


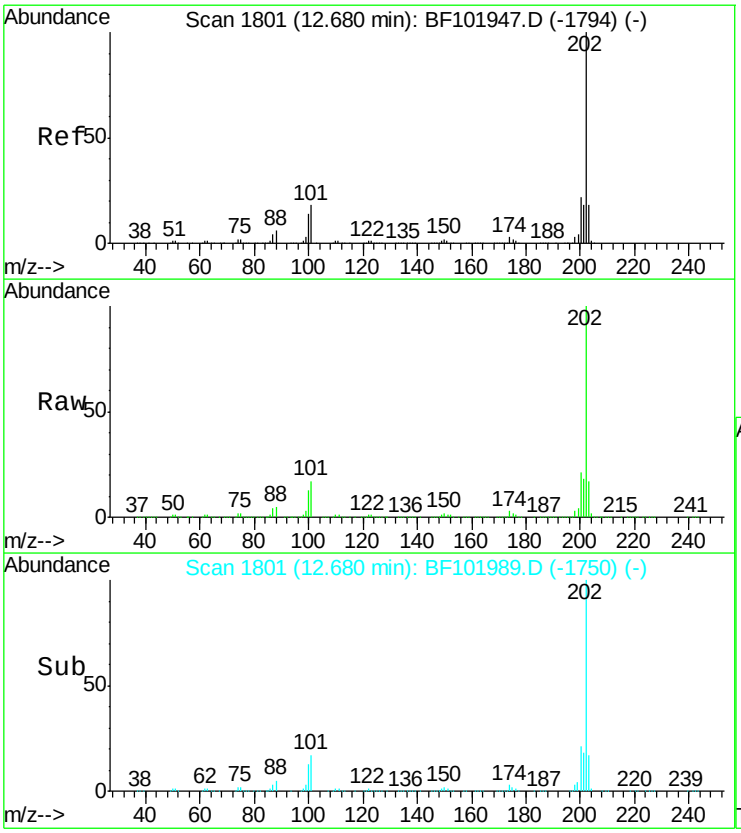
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:240 Resp: 337666

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.0	20.7	31.1

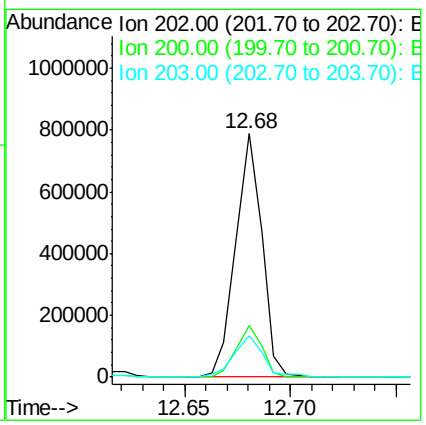


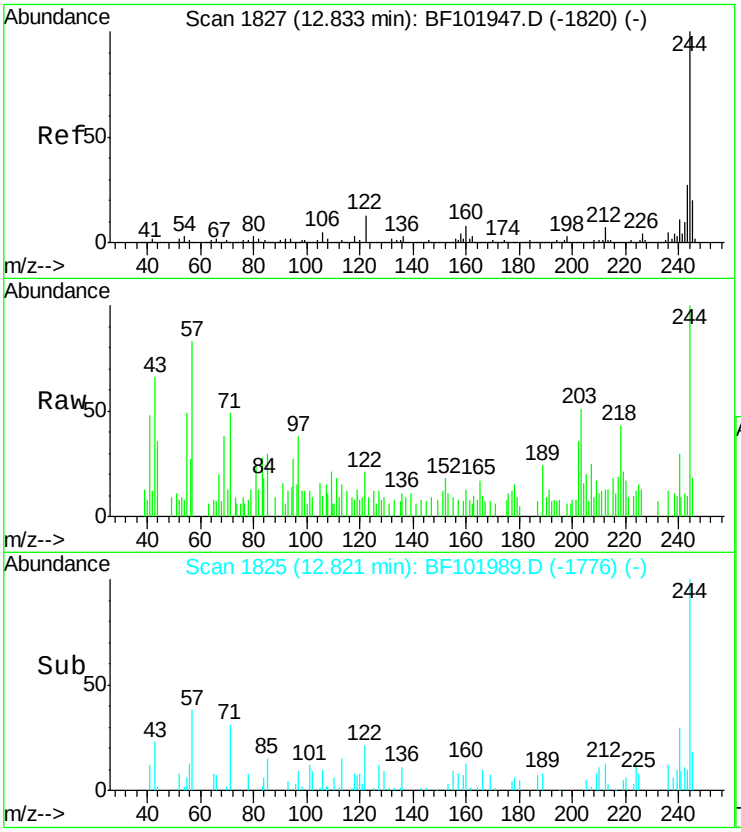


#77
Pyrene
Concen: 22.676 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:202 Resp: 676826

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5



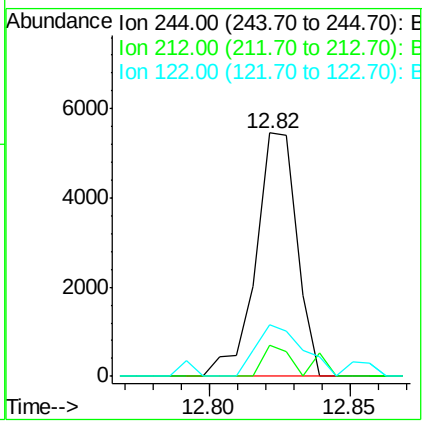


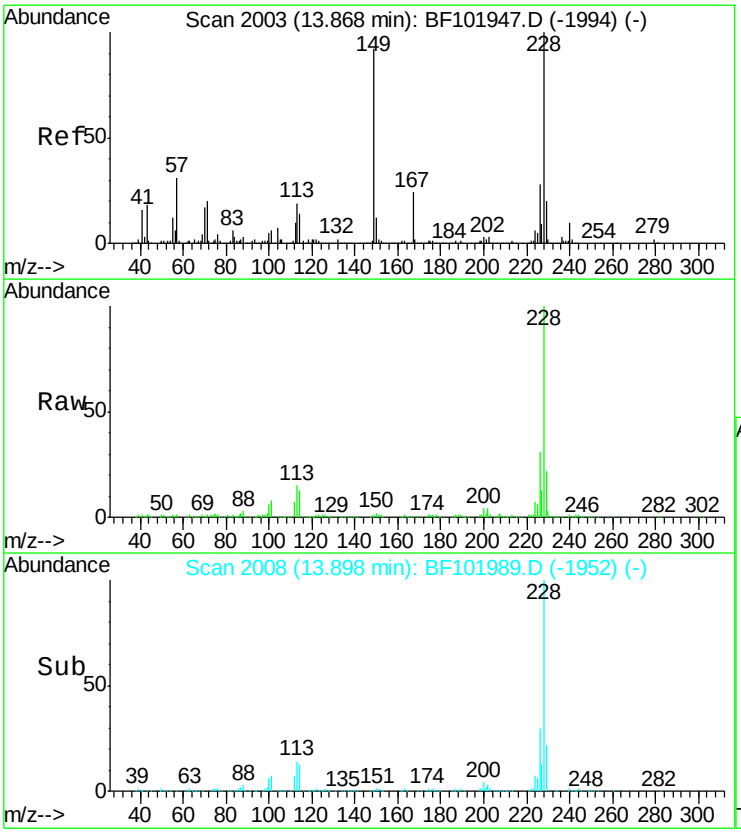
#78
Terphenyl-d14
Concen: 0.338 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:244 Resp: 5505

Ion	Ratio	Lower	Upper
244	100		
212	12.8	5.4	8.0#
122	21.4	11.0	16.4#

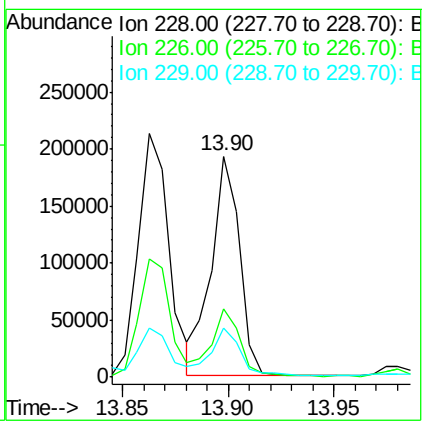


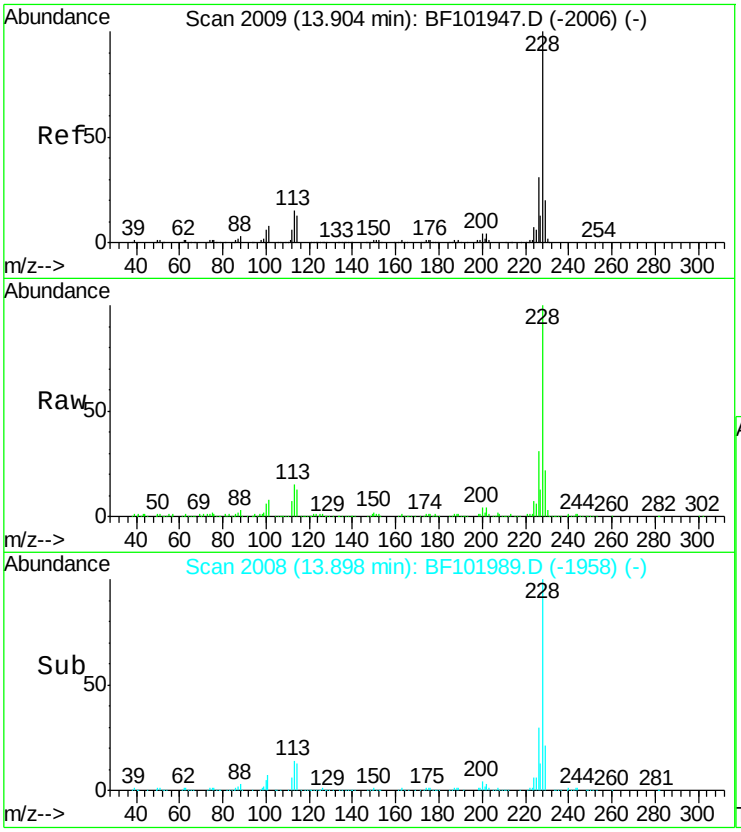


#80
Benzo(a)anthracene
Concen: 8.394 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:228 Resp: 180833

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	22.4	15.8	23.6



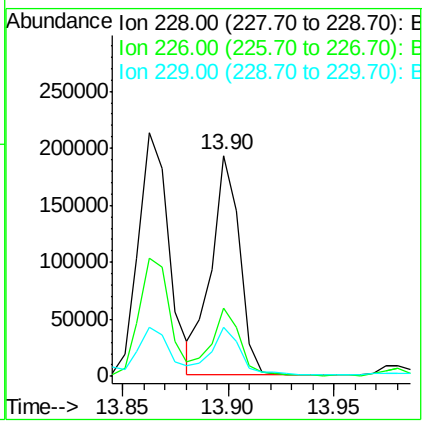


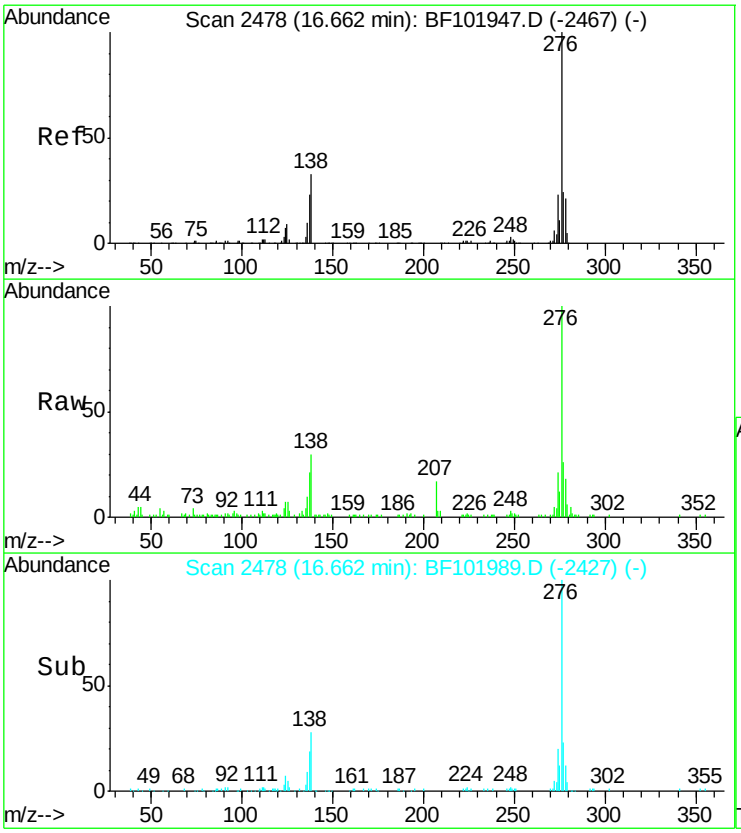
#82
Chrysene
Concen: 8.050 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:228 Resp: 180833

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.4	16.2	24.4

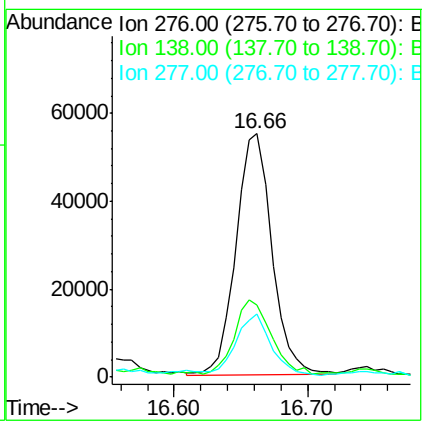


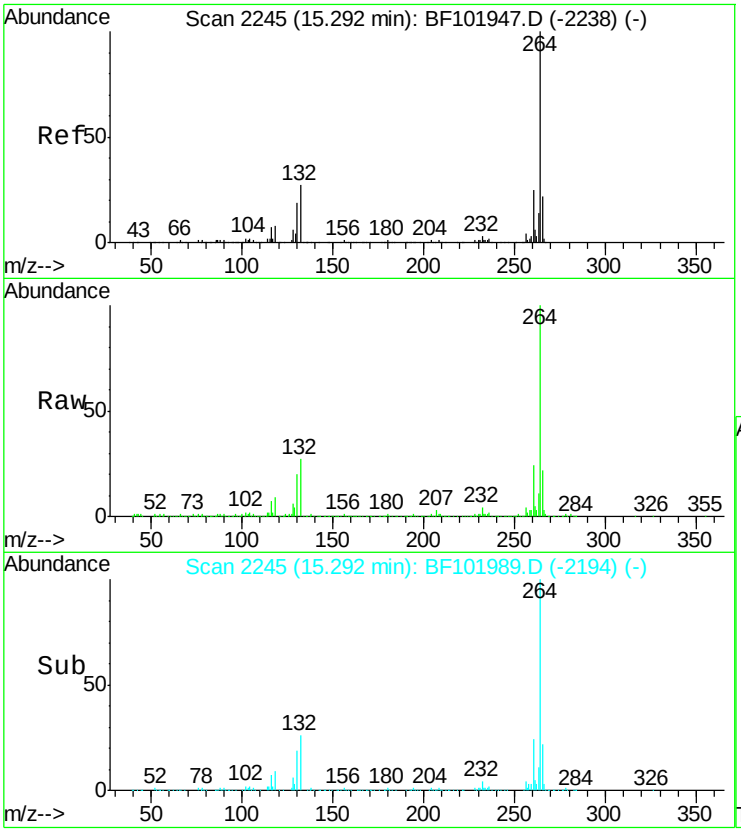


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.242 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:276 Resp: 102055

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.0	37.6
277	23.9	20.1	30.1



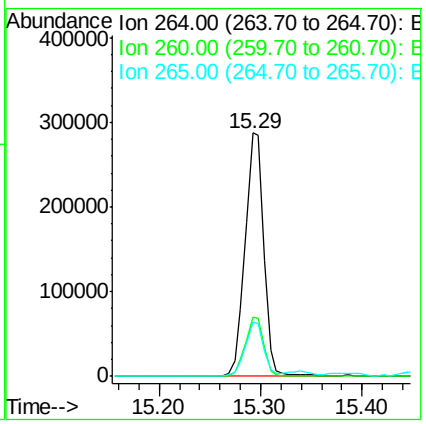


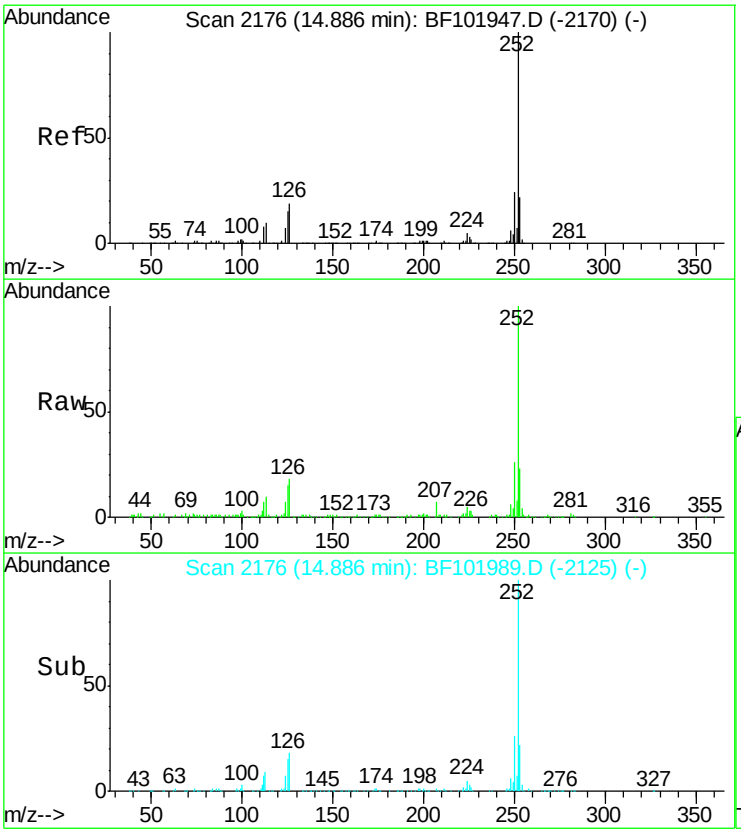
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:264 Resp: 370374

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3

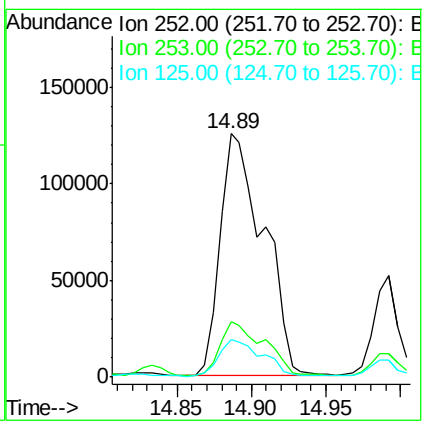


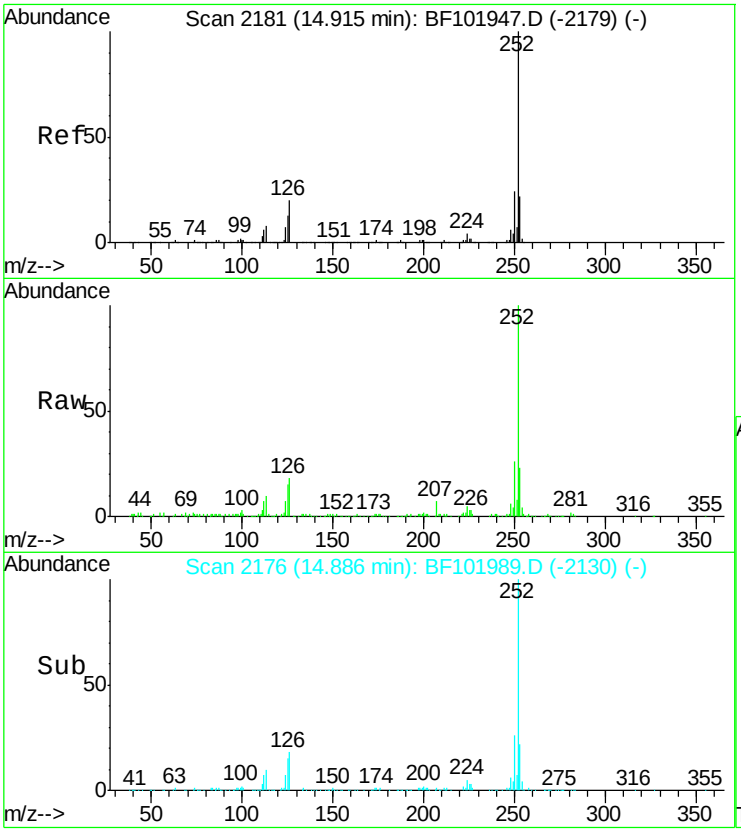


#87
Benzo(b)fluoranthene
Concen: 10.578 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:252 Resp: 255450

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	15.3	9.0	13.6#



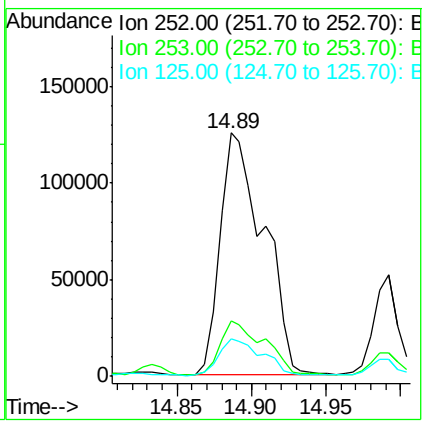


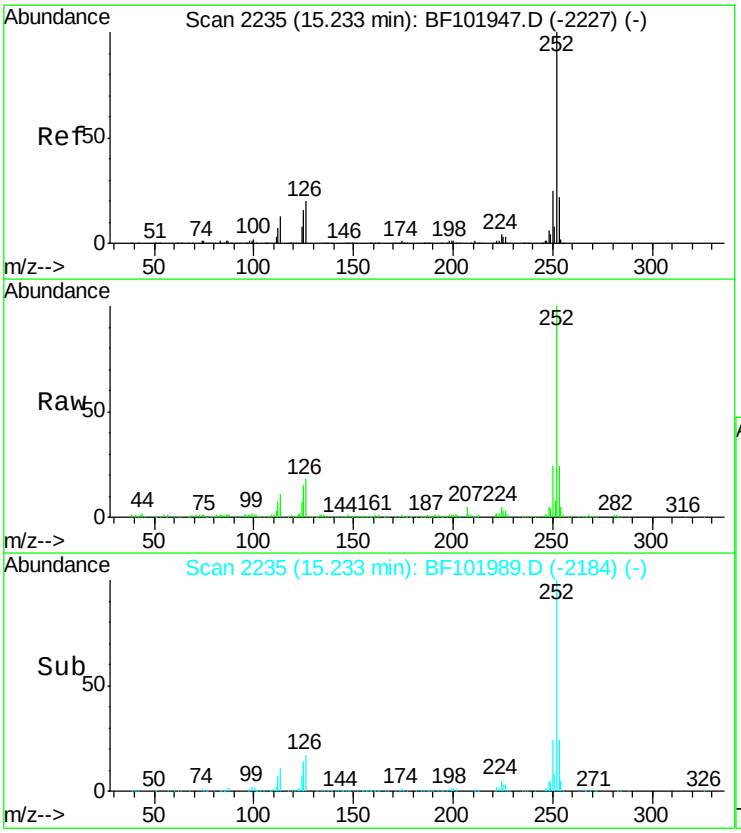
#88
Benzo(k)fluoranthene
Concen: 10.965 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:252 Resp: 255450

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	15.3	10.2	15.2#

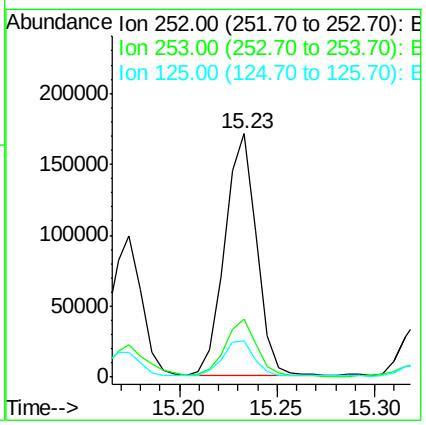


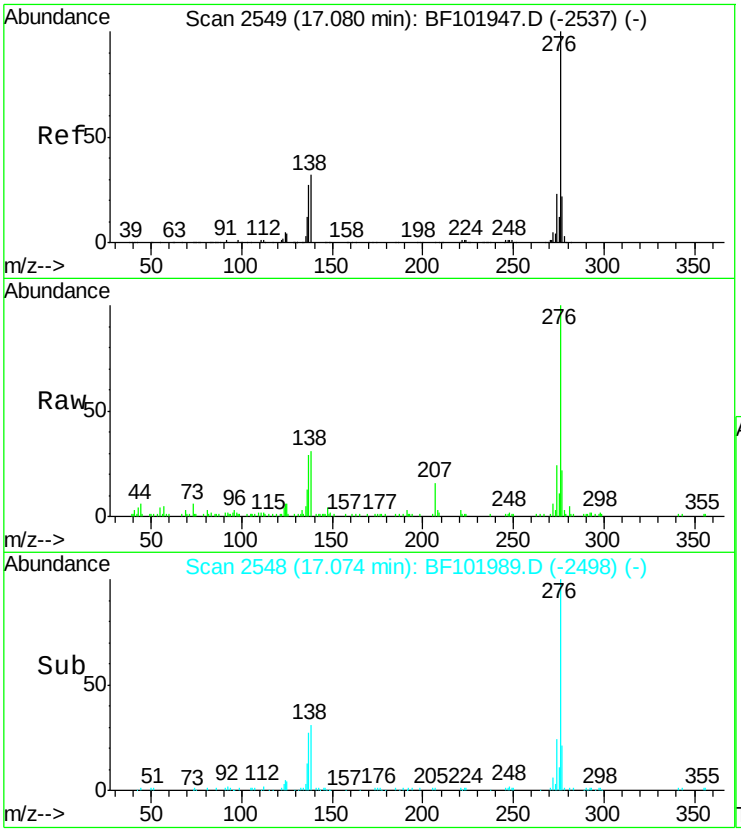


#89
Benzo(a)pyrene
Concen: 8.925 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Tgt Ion:252 Resp: 193951

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	14.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.105 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF101989.D
Acq: 10 Jan 2018 19:56

Instrument :
BNA_F
ClientSampleId :
WC-14R30-01

Tgt Ion:276 Resp: 106655

Ion	Ratio	Lower	Upper
276	100		
277	21.8	17.9	26.9
138	31.4	21.8	32.8