Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Quant Time: Jan 11 01:55:44 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	215892	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	895629	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	390387	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	619859	20.00	ng		0.00
75) Chrysene-d12	13.87	240	340268	20.00	ng		0.00
86) Perylene-d12	15.29	264	365417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	6692	0.44	ng		0.00
7) Phenol-d6	6.35	99	8421	0.46	ng		0.00
23) Nitrobenzene-d5	7.28	82	4558	0.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	1272	0.37	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	8725	0.35	ng		-0.01
78) Terphenyl-d14	12.82	244	7347	0.45	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.03	128	2747923	61.402	ng		98
33) 4-Chloroaniline	8.03	127	378857	19.834	ng	#	32
37) 2-Methylnaphthalene	8.72	142	405111	13.750	ng		99
45) 1,1'-Biphenyl	9.19	154	95103	2.756	ng		94
48) Acenaphthylene	9.62	152	355334	8.368	ng		100
49) Dimethylphthalate	9.76	163	113386	3.621	ng	#	1
50) 2,6-Dinitrotoluene	9.76	165	56455	9.025	ng	#	25
51) Acenaphthene	9.79	154	214738	8.332	ng		99
54) Dibenzofuran	9.96	168	369041	10.433	ng		98
55) 4-Nitrophenol	9.96	139	141820	24.104	ng	#	10
57) Fluorene	10.31	166	391597	16.014	ng		99
64) 4,6-Dinitro-2-methylphenol	10.57	198	430	5.775	ng	#	23
70) Phenanthrene	11.27	178	1404230	38.782	ng		99
71) Anthracene	11.32	178	493897	13.450	ng		99
72) Carbazole	11.47	167	136101	3.771	ng		99
74) Fluoranthene	12.46	202	931291	26.142	ng		98
77) Pyrene	12.68	202	731059	24.306	ng		100
80) Benzo(a)anthracene	13.90	228	229592	10.575	ng		97
82) Chrysene	13.90	228	229592	10.142	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	135087	8.199	ng		98
87) Benzo(b)fluoranthene	14.89	252	365268	15.330	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	365268	15.892	ng		98
89) Benzo(a)pyrene	15.23	252	235698	10.993	ng		98
91) Benzo(g,h,i)perylene	17.07	276	125500	7.282	ng	#	92

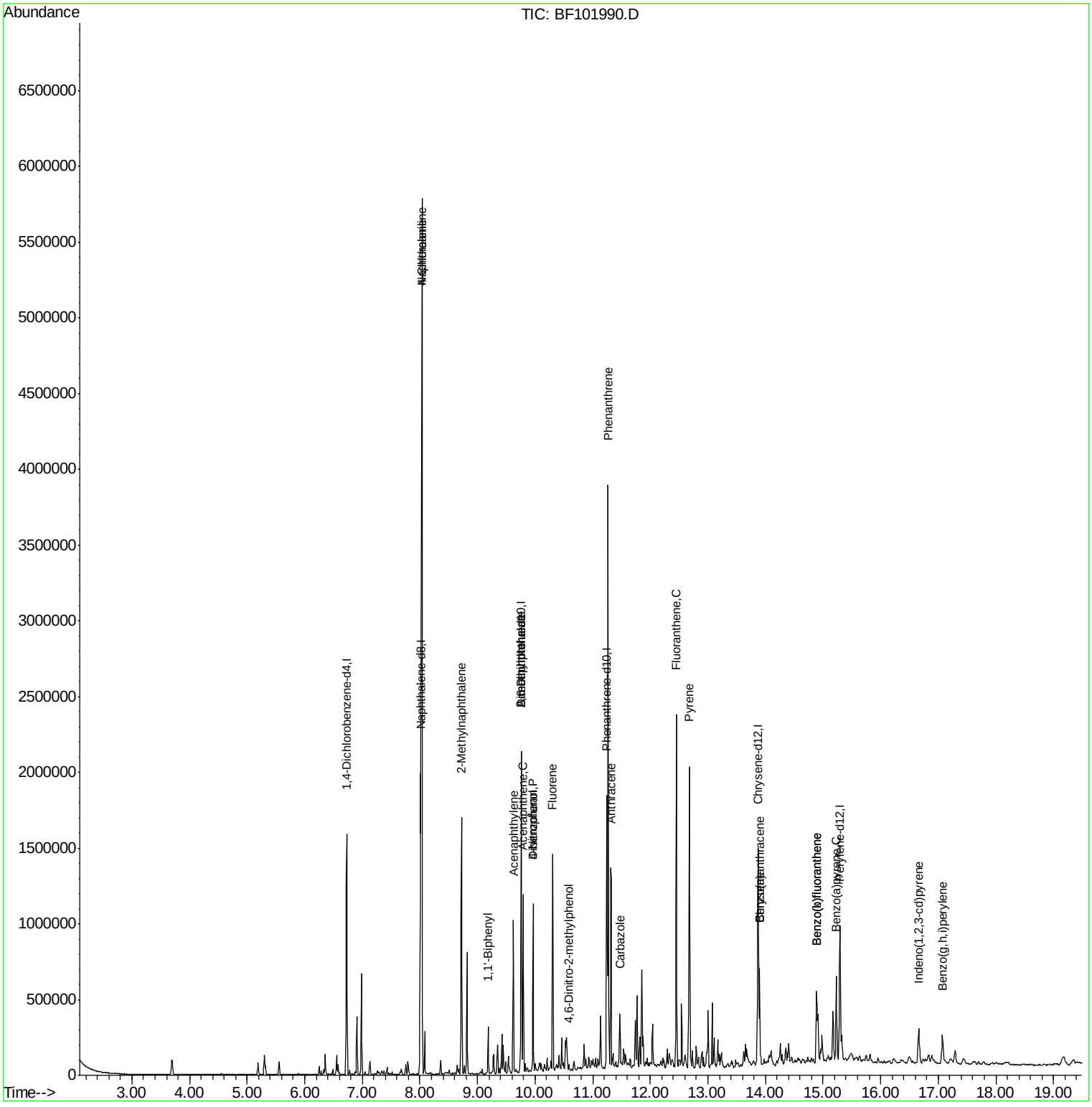
(#) = qualifier out of range (m) = manual integration (+) = signals summed

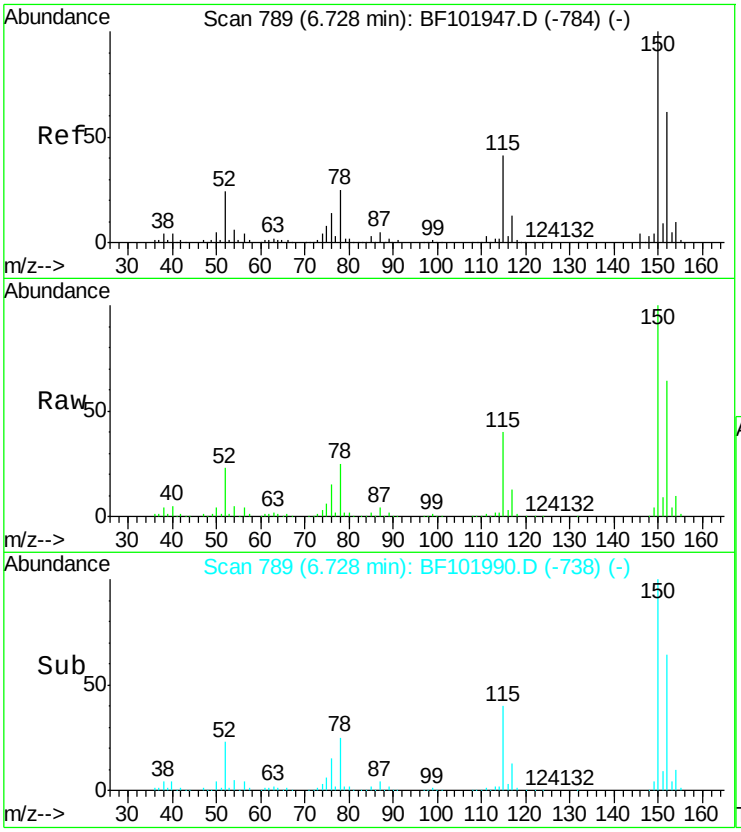
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101990.D
Acq On : 10 Jan 2018 20:23
Operator : SJ/JU
Sample : J1076-07 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Quant Time: Jan 11 01:55:44 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



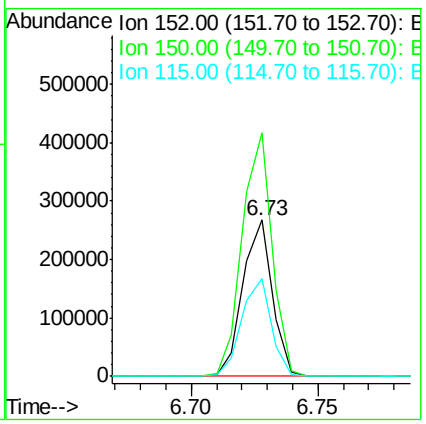


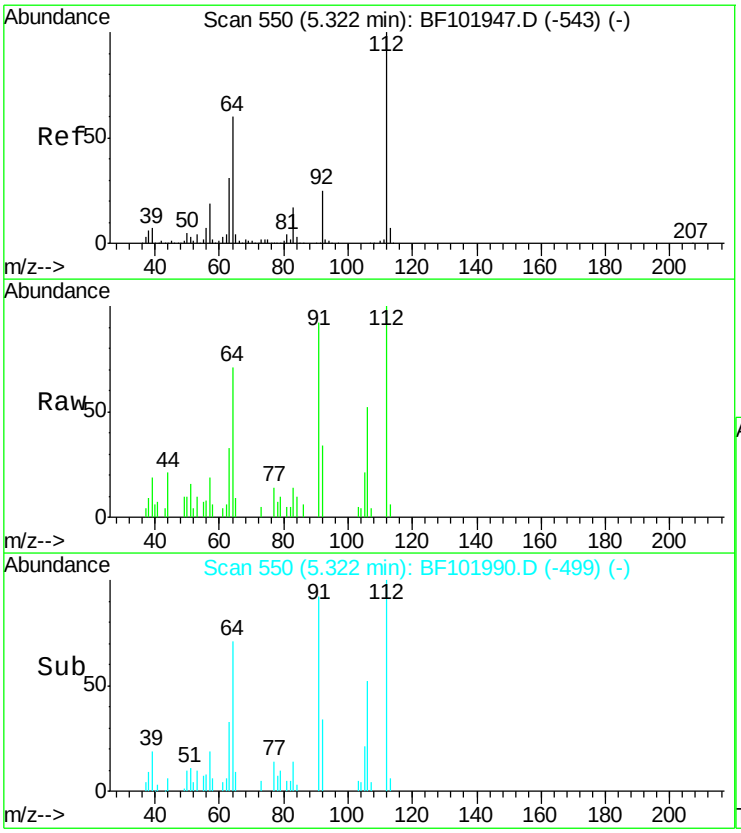
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:152 Resp: 215892

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.4	50.1	75.1

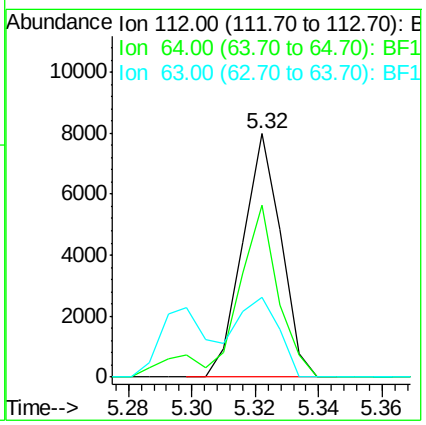


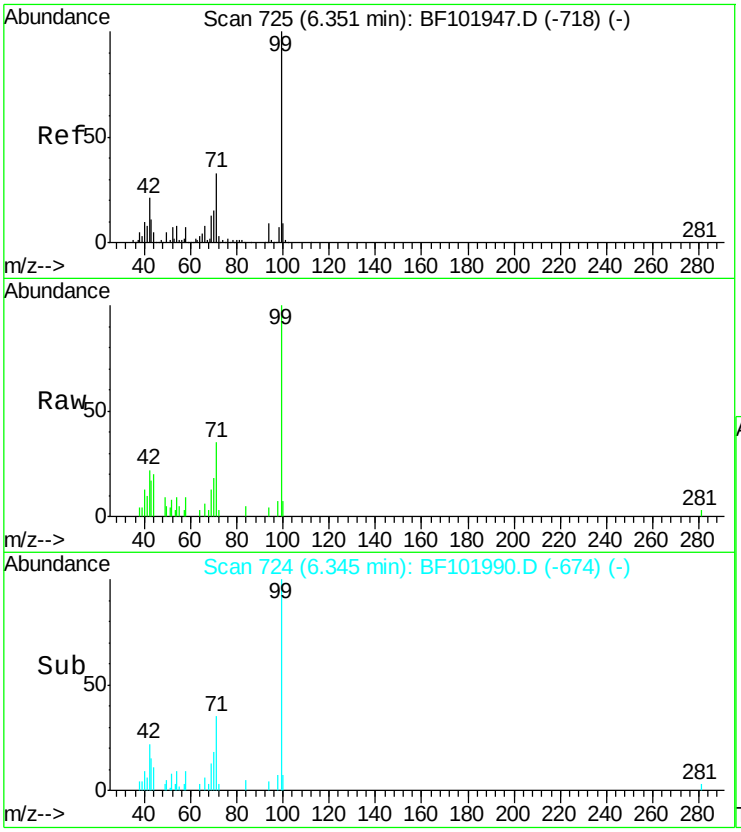


#5
2-Fluorophenol
Concen: 0.438 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:112 Resp: 6692

Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	32.5	23.7	35.5



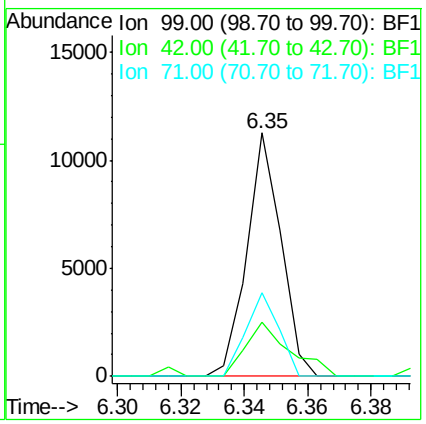


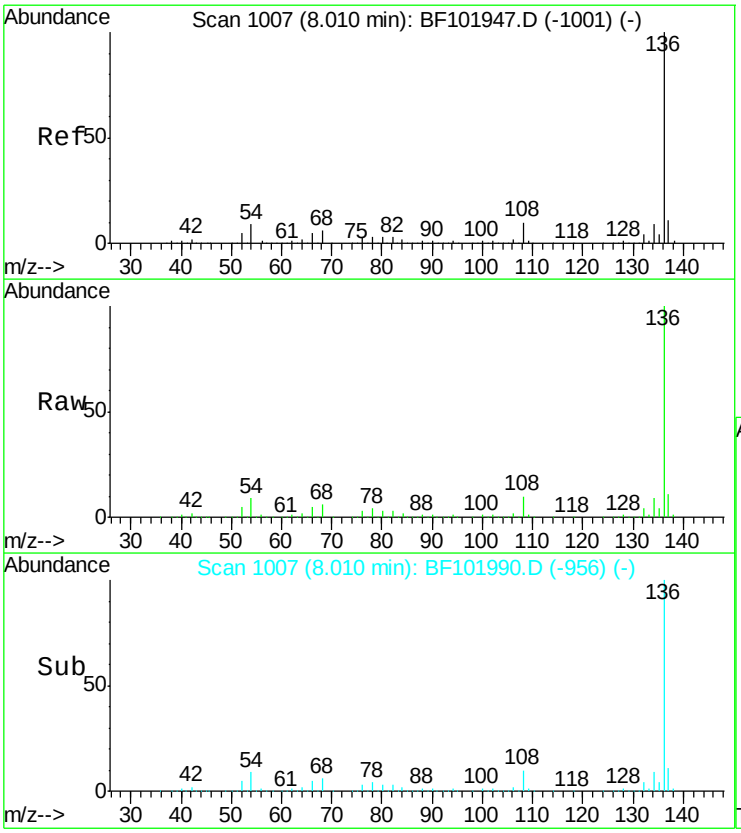
#7
Phenol-d6
Concen: 0.462 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion: 99 Resp: 8421

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	34.5	25.4	38.0

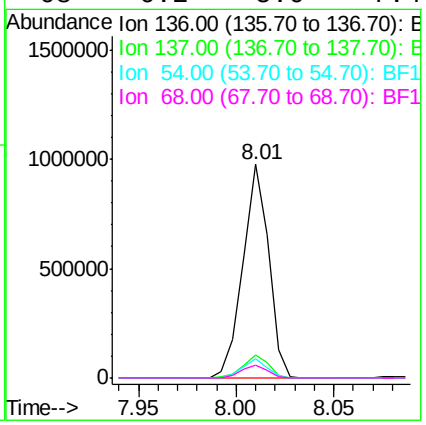


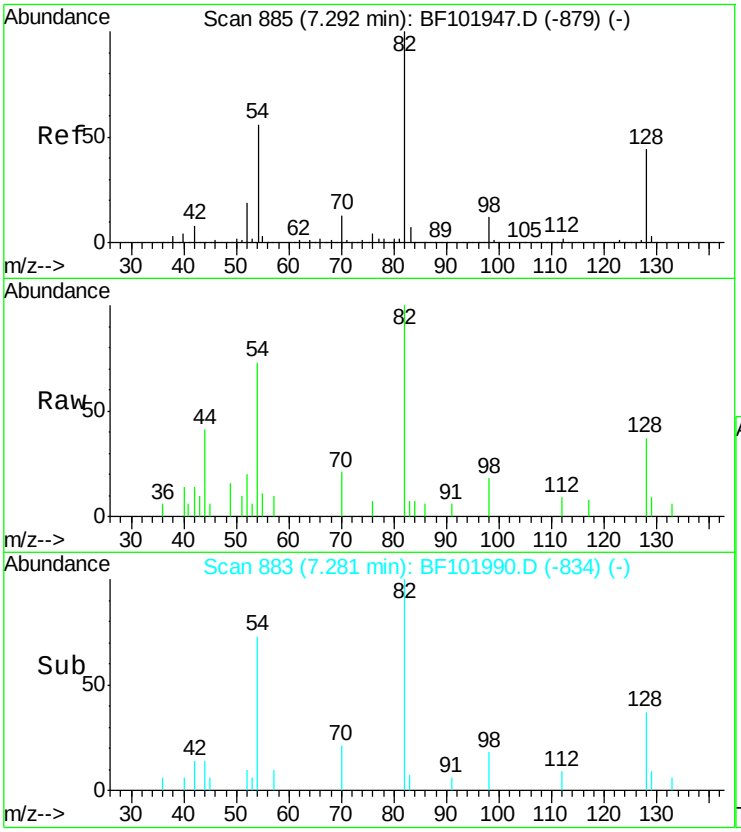


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:136 Resp: 895629

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.2	5.0	7.4



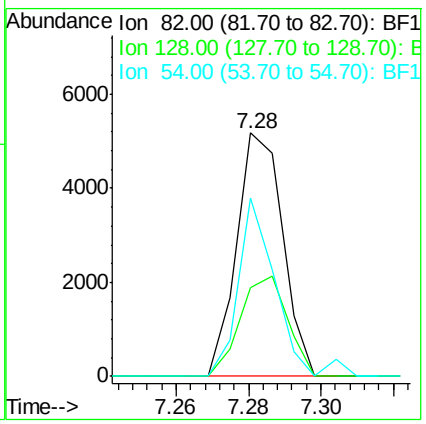


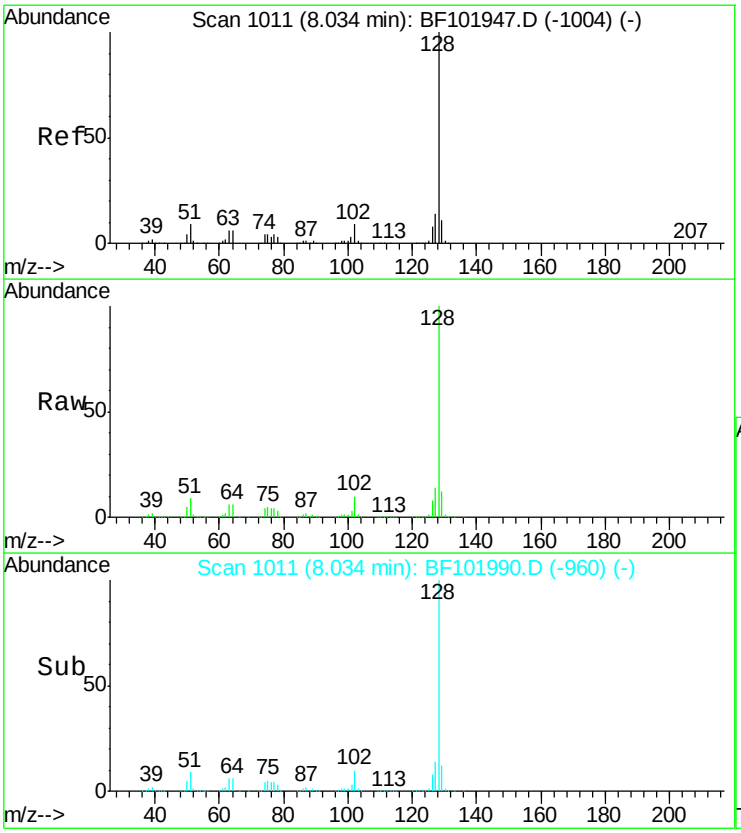
#23
Nitrobenzene-d5
Concen: 0.299 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion: 82 Resp: 4558

Ion	Ratio	Lower	Upper
82	100		
128	36.6	36.1	54.1
54	73.5	41.4	62.2#

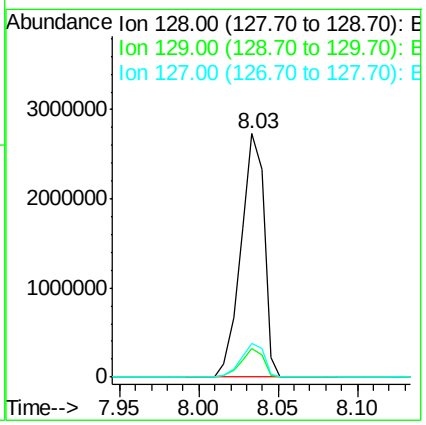


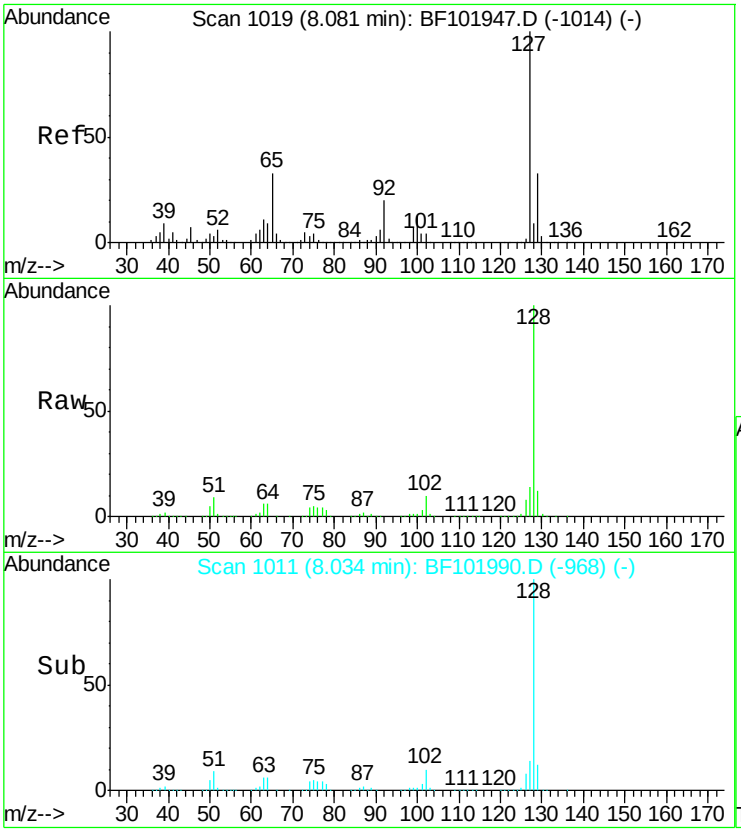


#31
Naphthalene
Concen: 61.402 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:128 Resp: 2747923

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.0	10.9	16.3



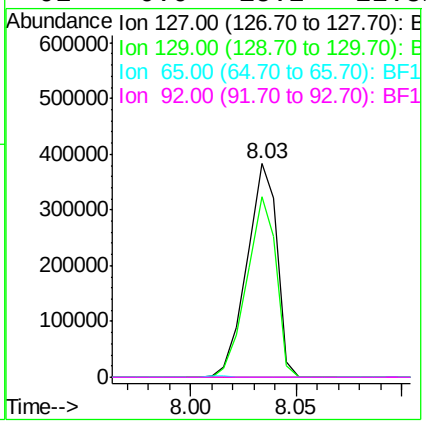


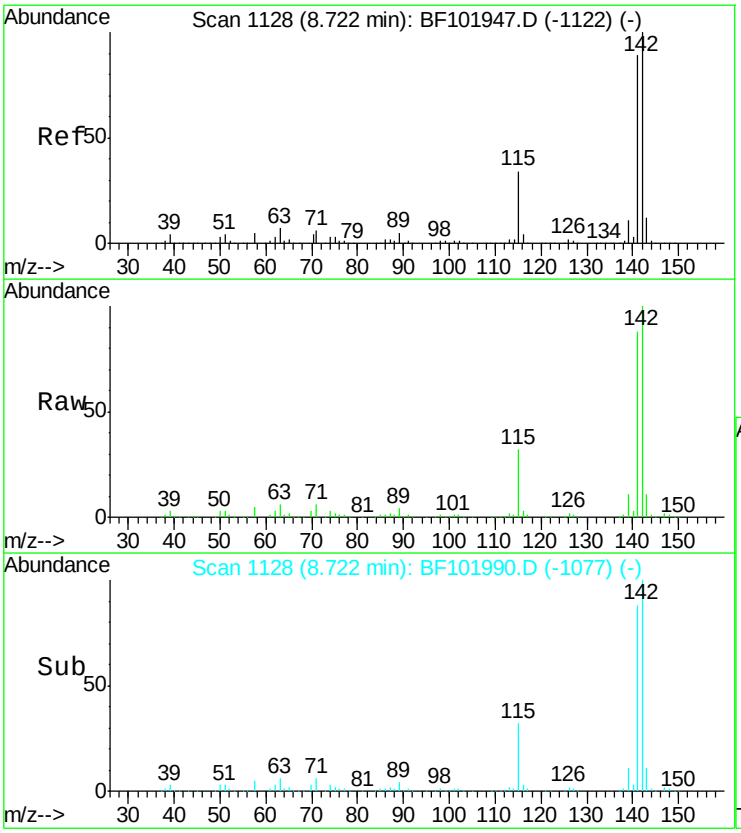
#33
4-Chloroaniline
Concen: 19.834 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:127 Resp: 378857

Ion	Ratio	Lower	Upper
127	100		
129	84.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

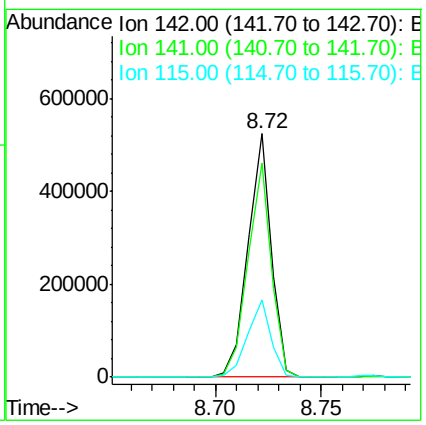


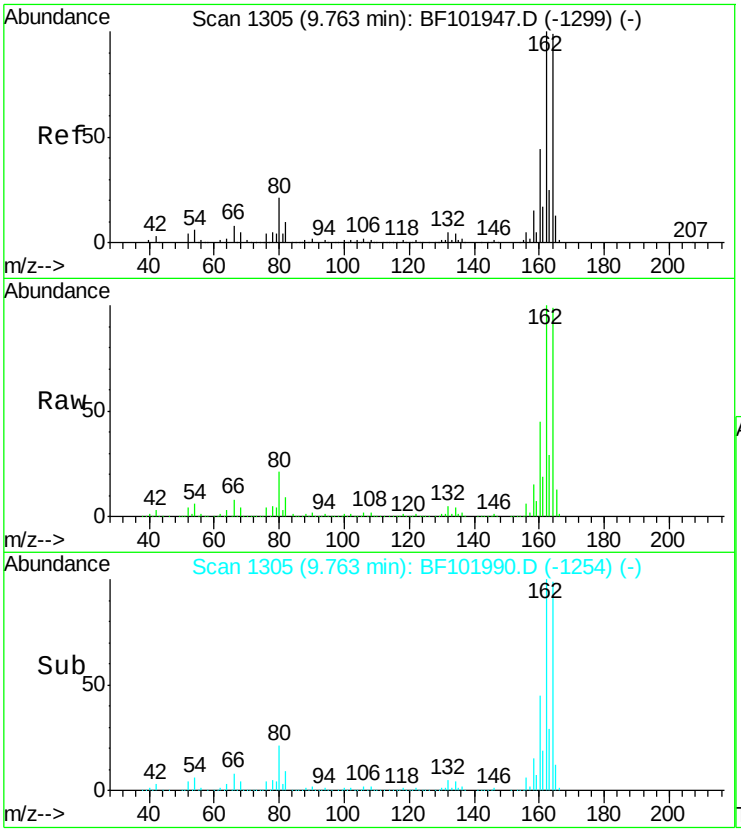


#37
2-Methylnaphthalene
Concen: 13.750 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:142 Resp: 405111

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	31.8	26.1	39.1



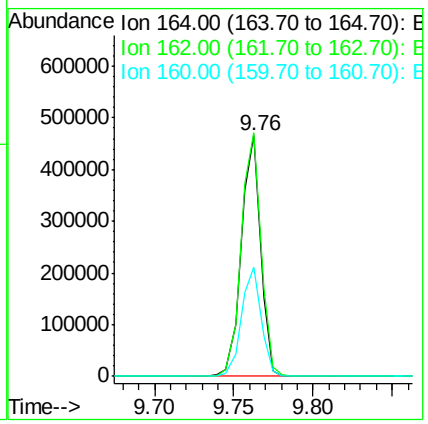


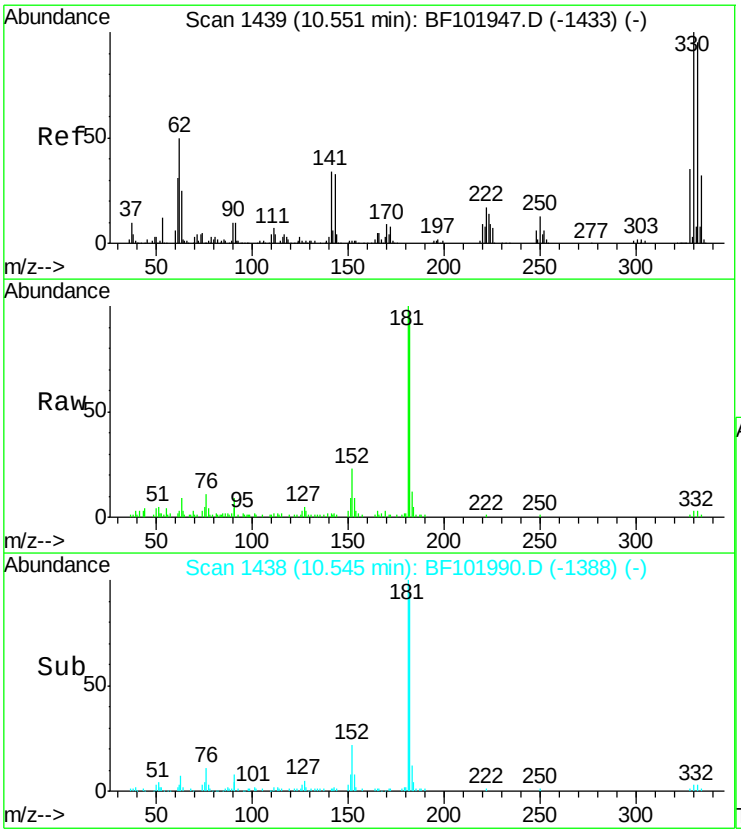
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument : BNA_F
ClientSampleId : WC-14R30-02

Tgt Ion:164 Resp: 390387

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	45.5	38.3	57.5

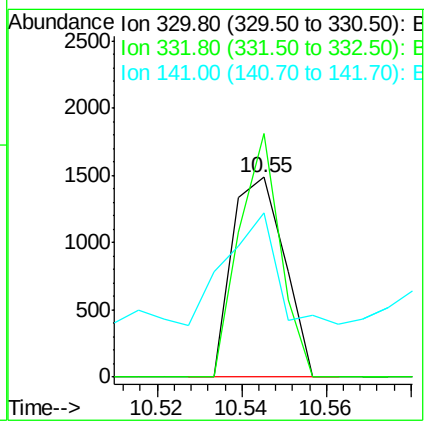


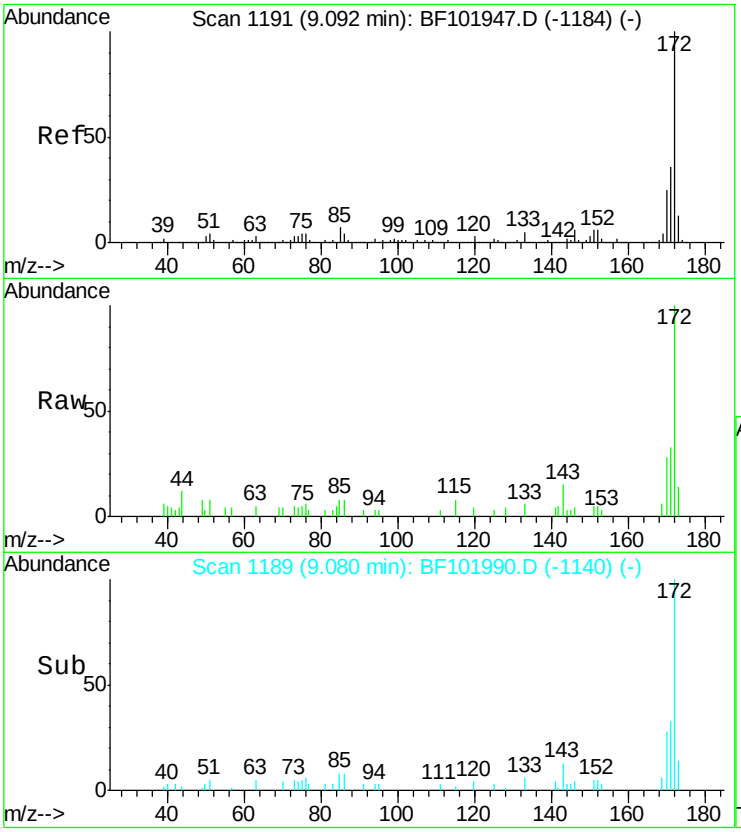


#41
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:330 Resp: 1272

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	59.3	29.9	44.9#



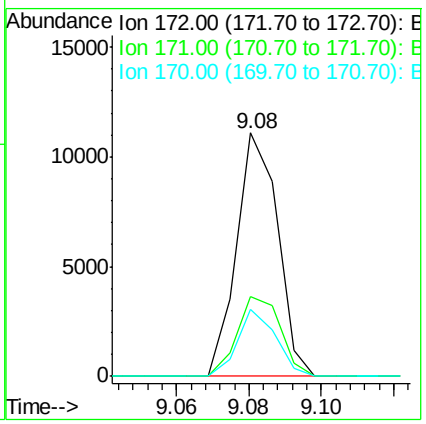


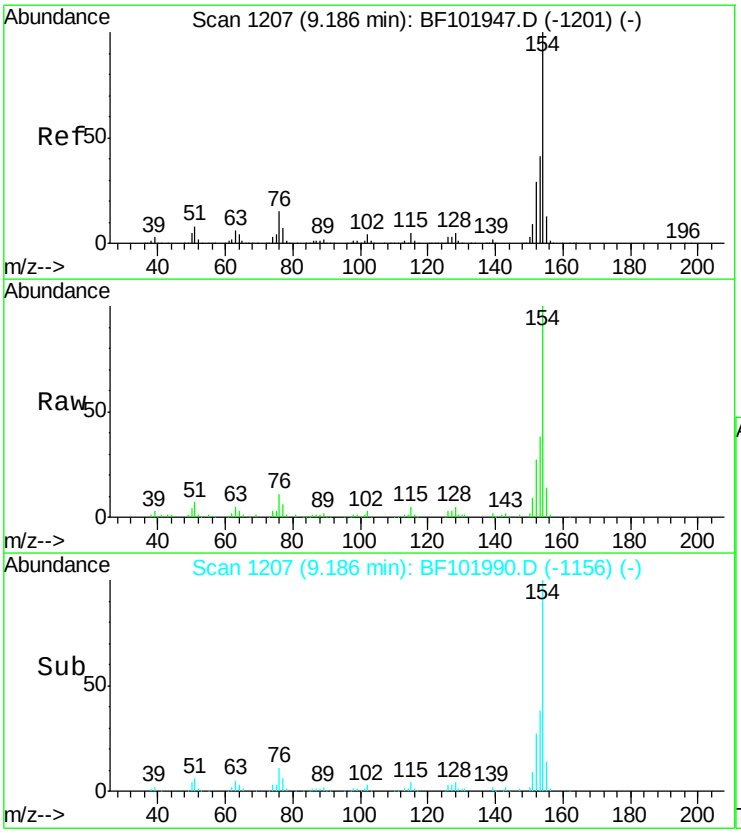
#44
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:172 Resp: 8725

Ion	Ratio	Lower	Upper
172	100		
171	32.6	29.7	44.5
170	27.6	19.6	29.4

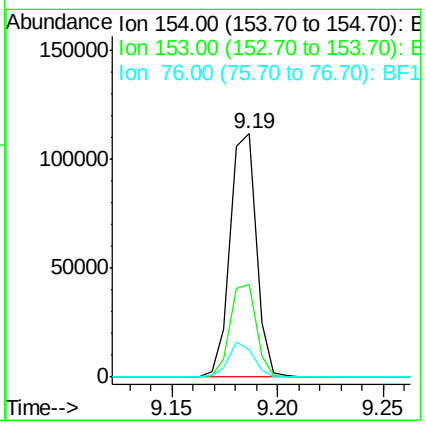


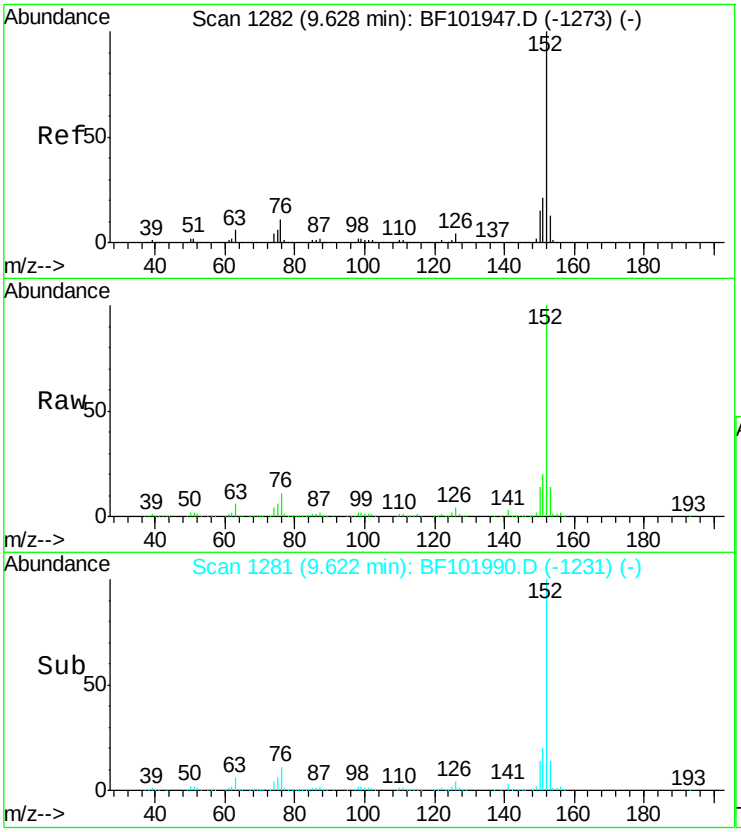


#45
1,1'-Biphenyl
Concen: 2.756 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:154 Resp: 95103

Ion	Ratio	Lower	Upper
154	100		
153	38.1	21.3	61.3
76	11.0	0.0	34.0



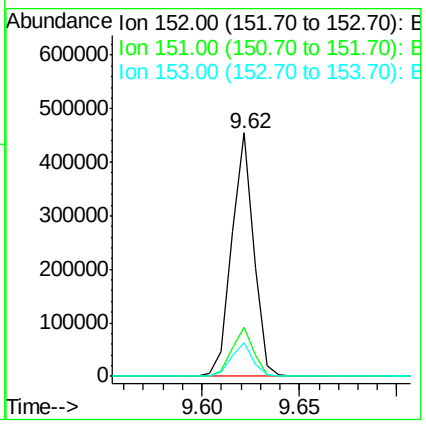


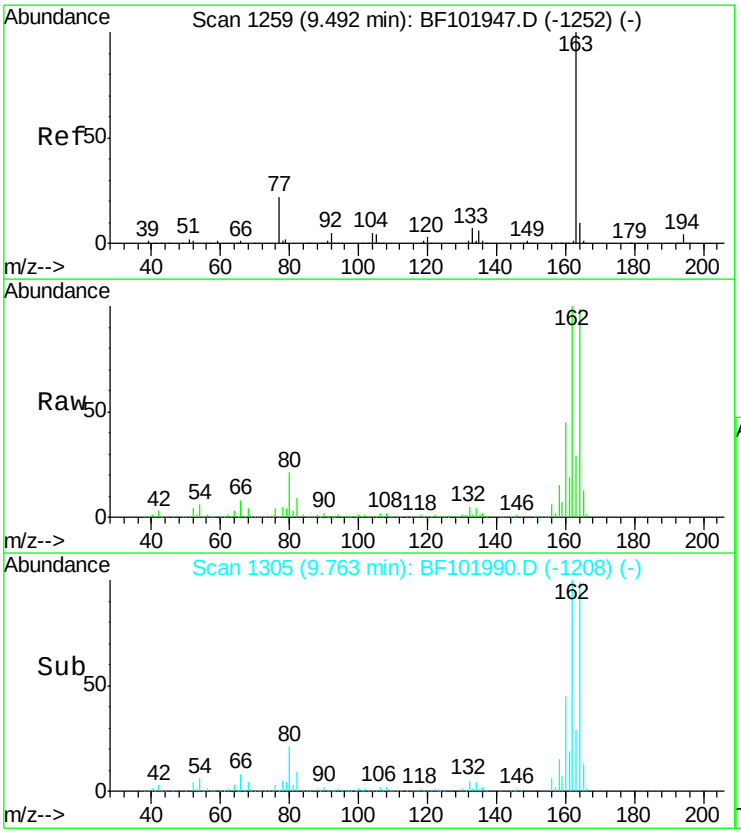
#48
Acenaphthylene
Concen: 8.368 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:152 Resp: 355334

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	10.7	16.1

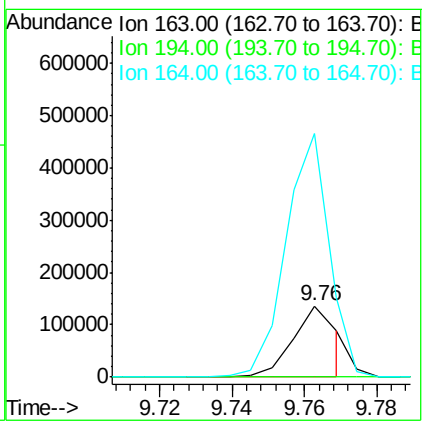


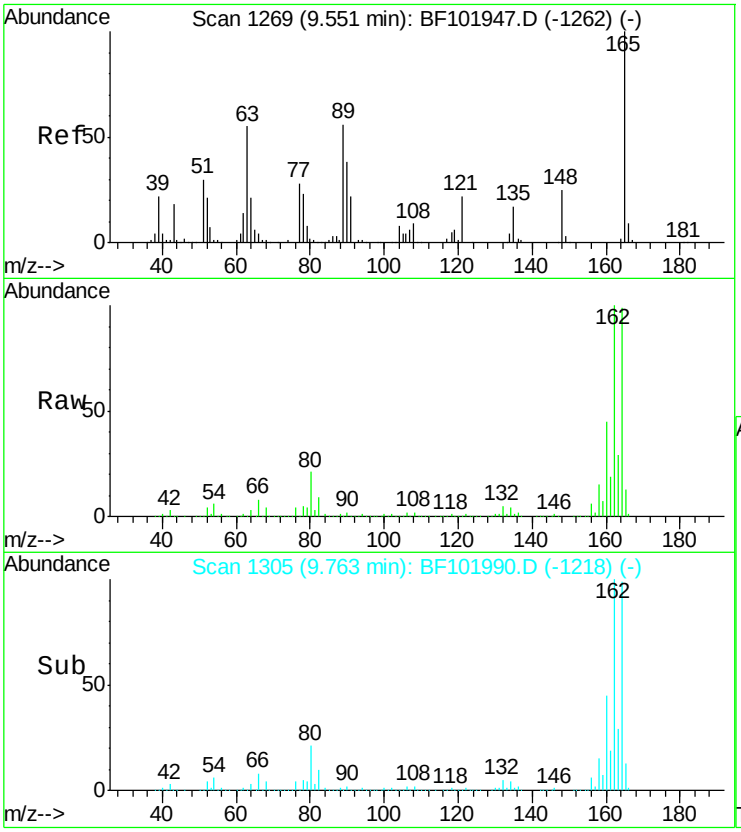


#49
Dimethylphthalate
Concen: 3.621 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.27 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:163 Resp: 113386

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	343.6	8.2	12.2#



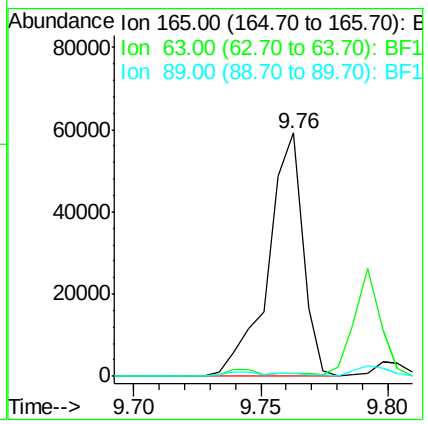


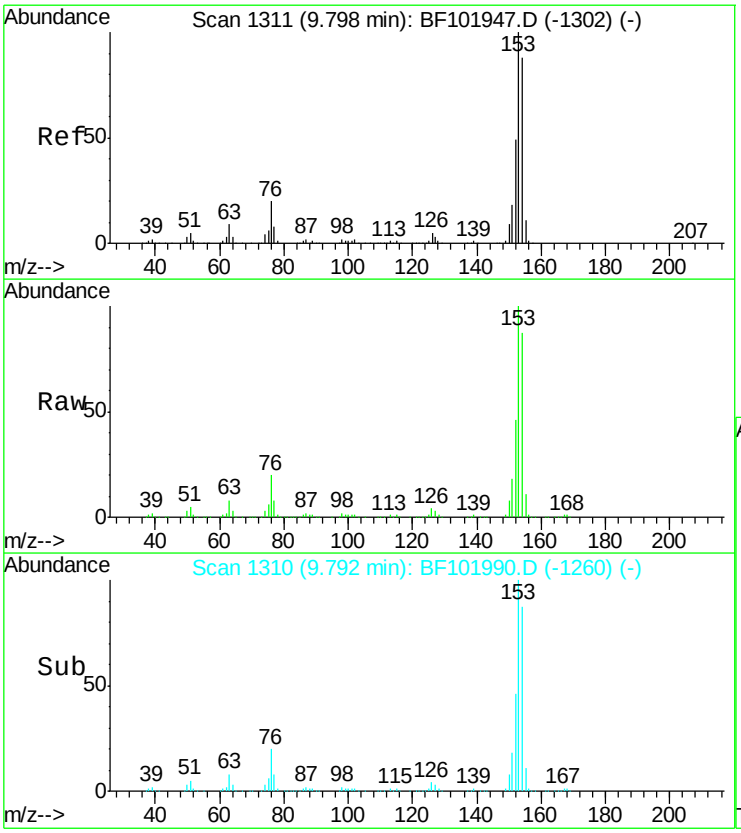
#50
2,6-Dinitrotoluene
Concen: 9.025 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:165 Resp: 56455

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

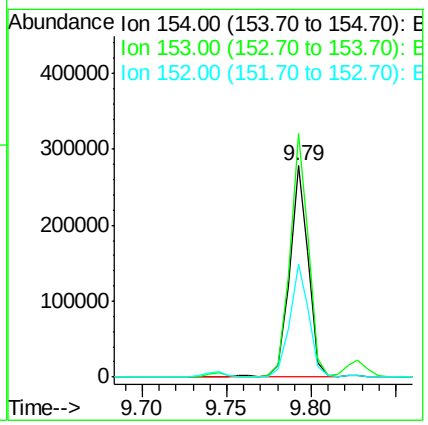


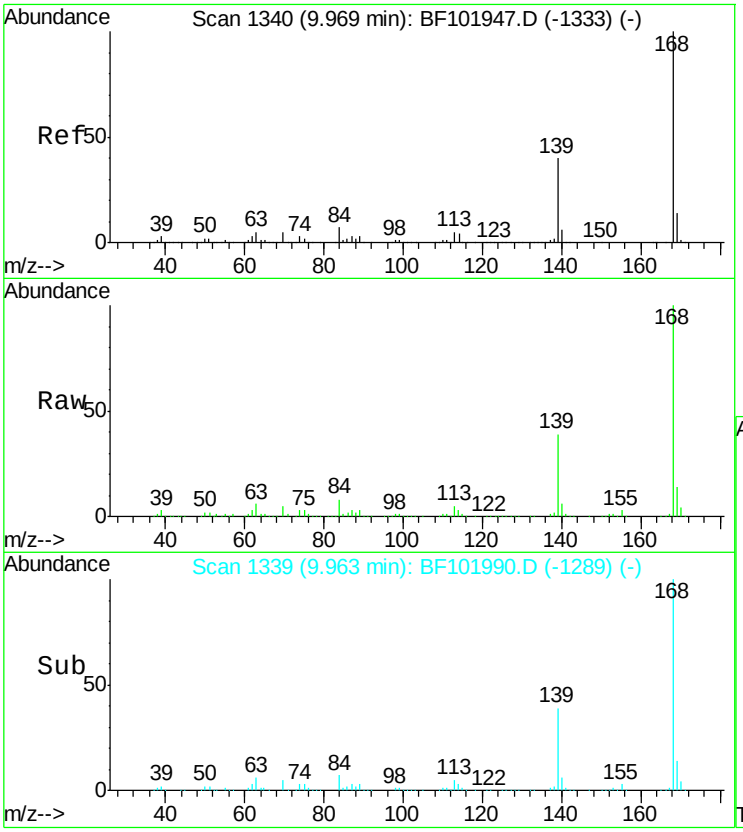


#51
Acenaphthene
Concen: 8.332 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:154 Resp: 214738

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	53.5	43.8	65.8



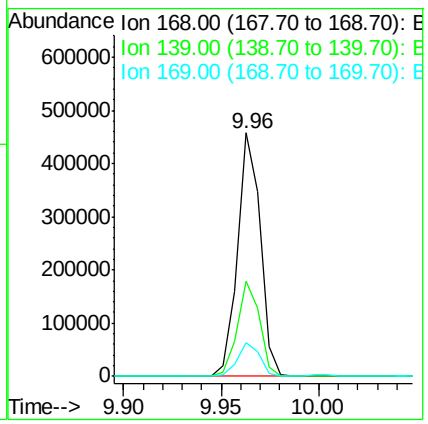


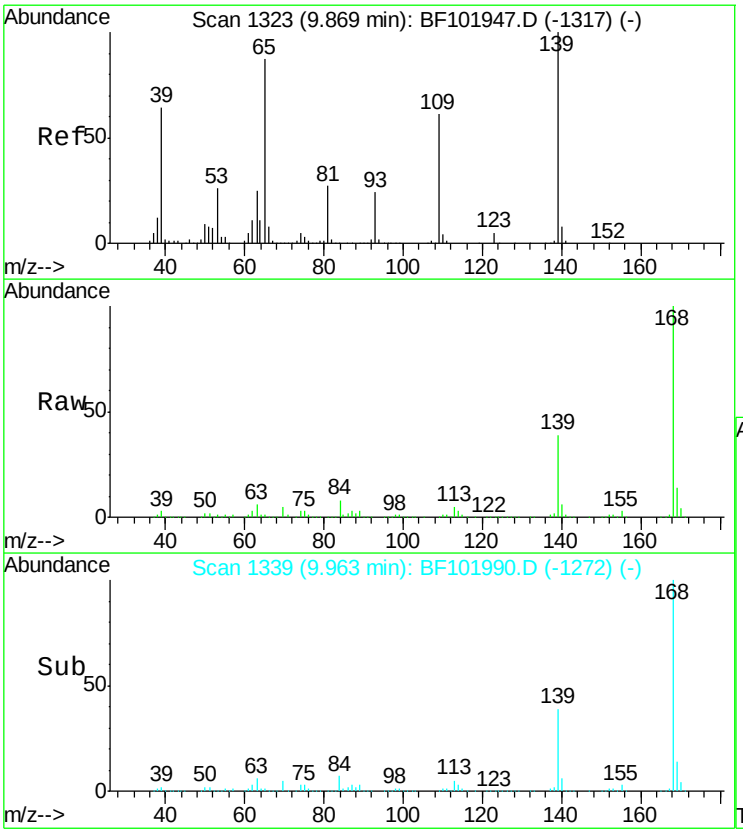
#54
Dibenzofuran
Concen: 10.433 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:168 Resp: 369041

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	13.8	10.9	16.3

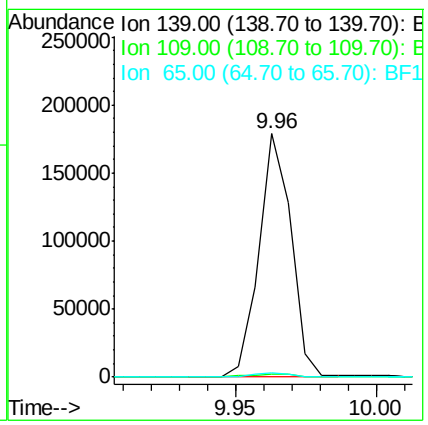


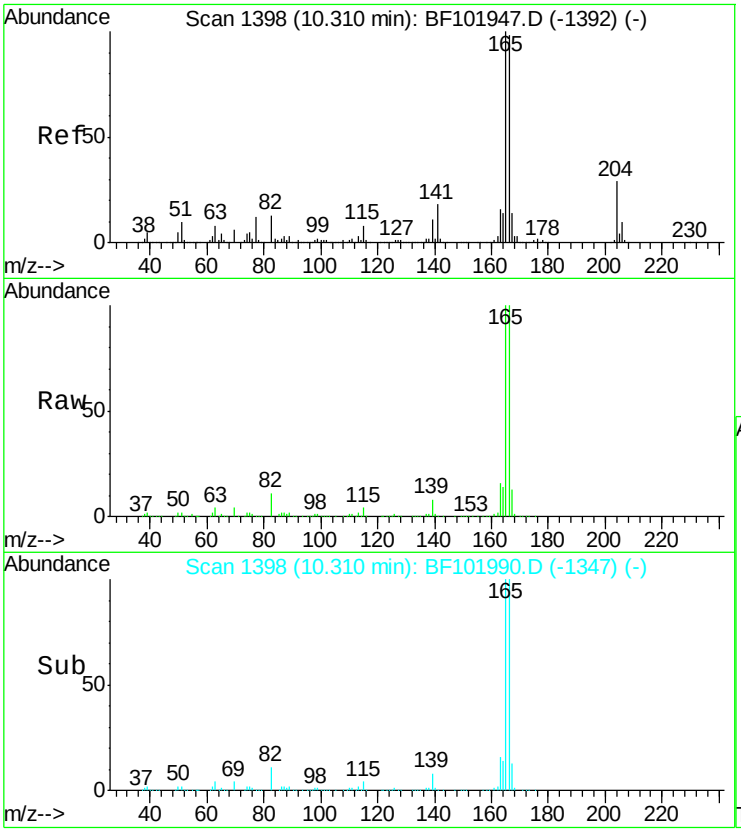


#55
4-Nitrophenol
Concen: 24.104 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:139 Resp: 141820

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.8	72.6	112.6#



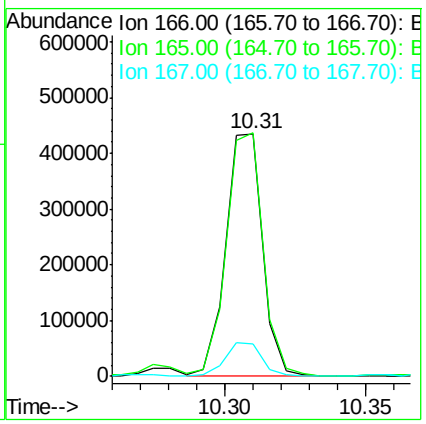


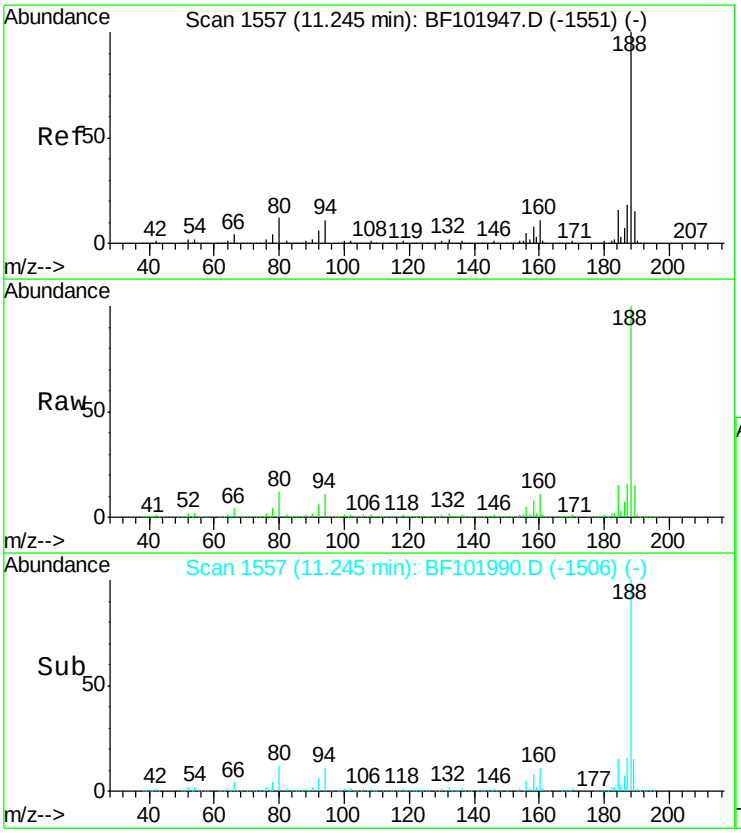
#57
Fluorene
Concen: 16.014 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:166 Resp: 391597

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	13.3	10.6	16.0

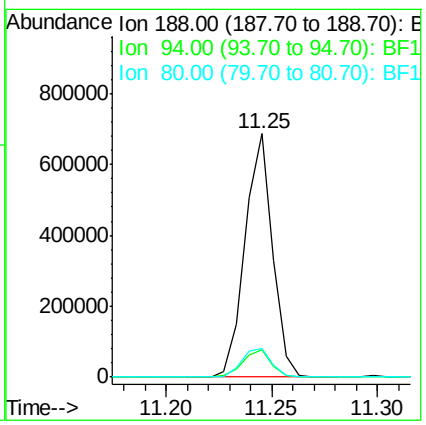


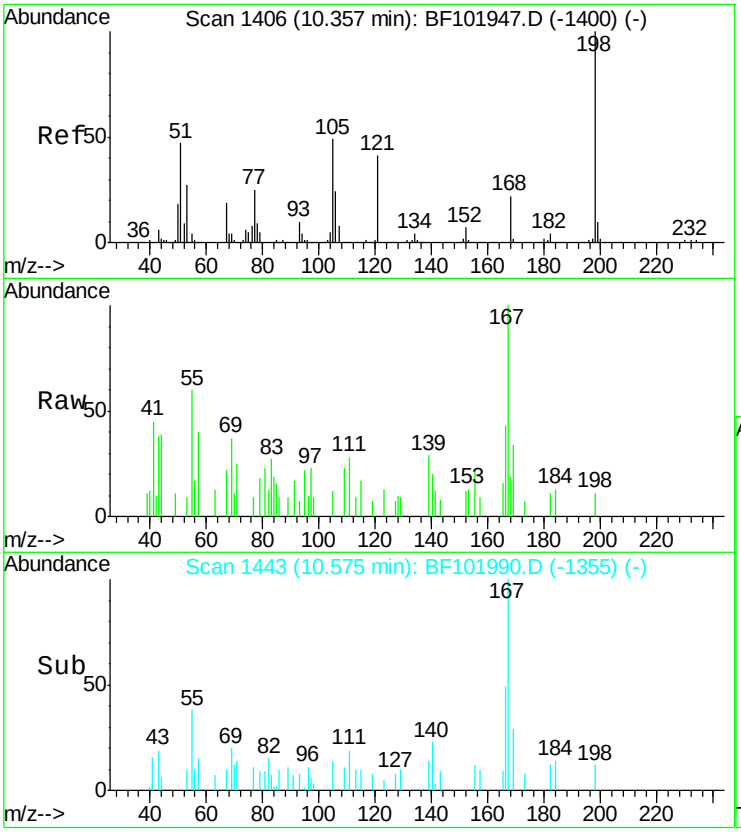


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:188 Resp: 619859

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8



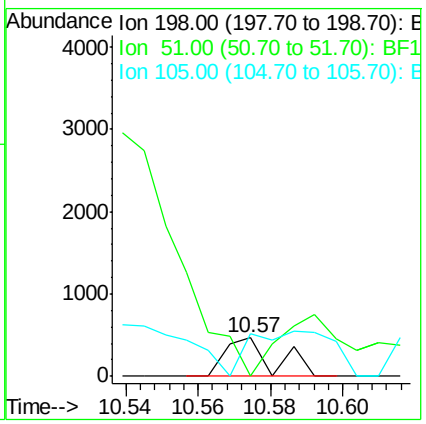


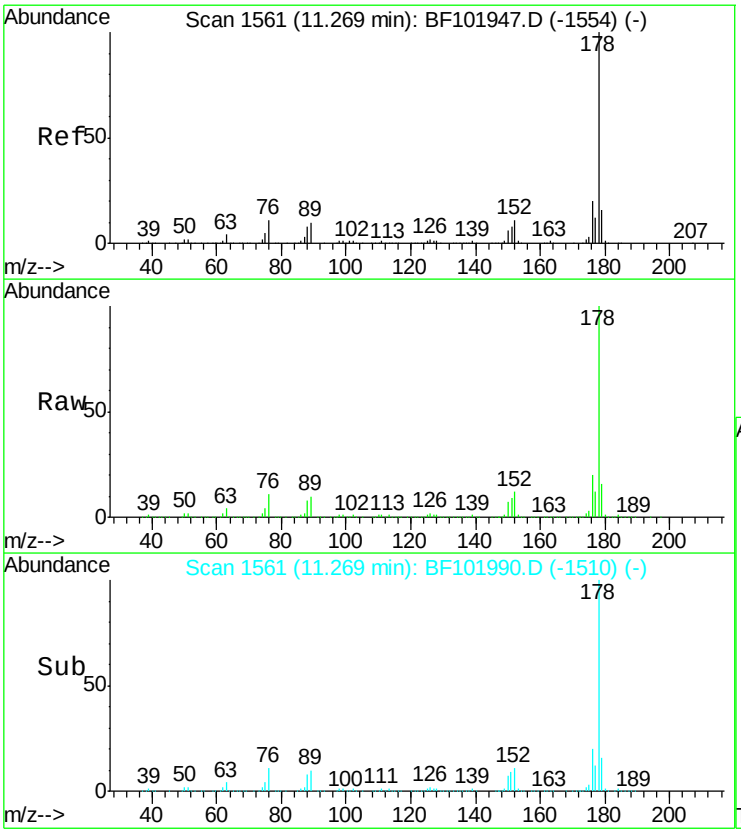
#64
4,6-Dinitro-2-methylphenol
Concen: 5.775 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.22 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:198 Resp: 430

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	112.7	36.3	76.3#

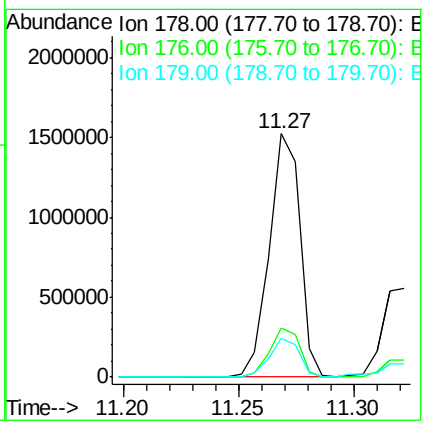


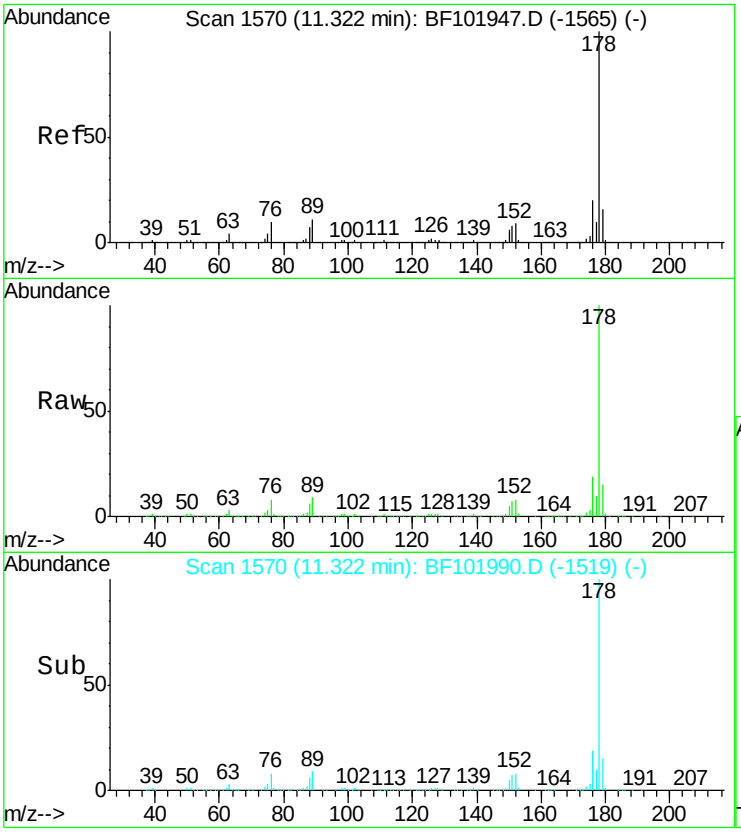


#70
Phenanthrene
Concen: 38.782 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:178 Resp: 1404230

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.0	13.0	19.6



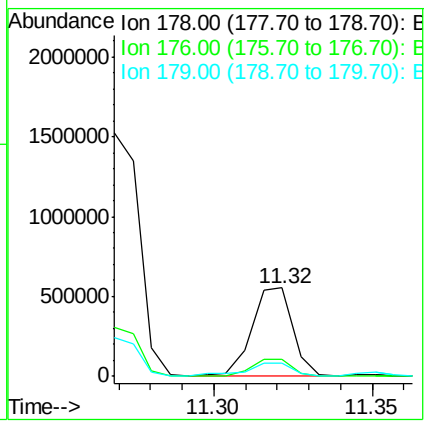


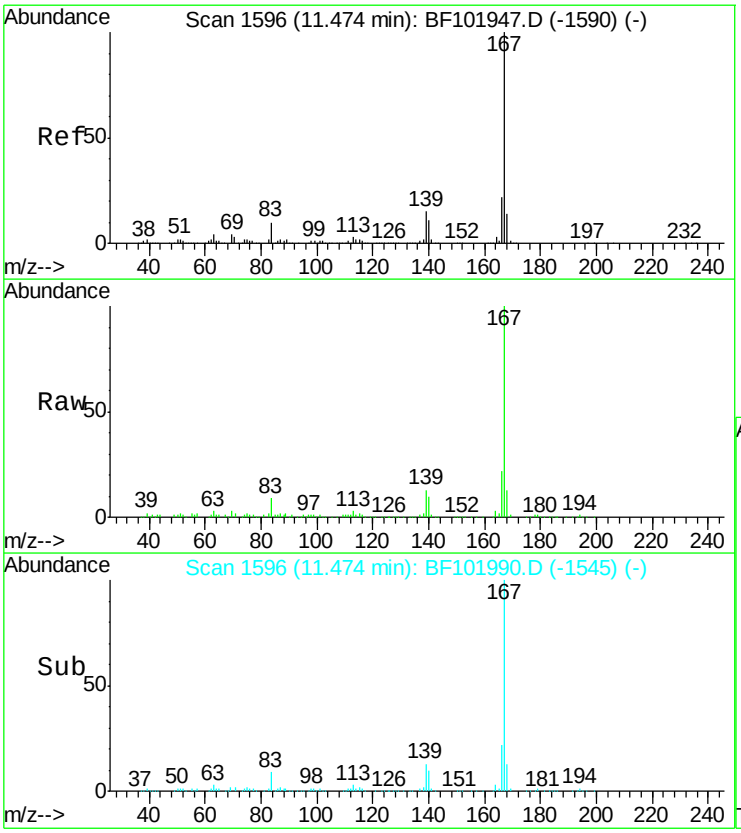
#71
Anthracene
Concen: 13.450 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:178 Resp: 493897

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.6	19.0

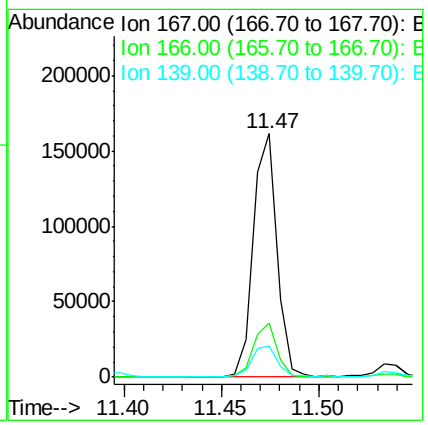


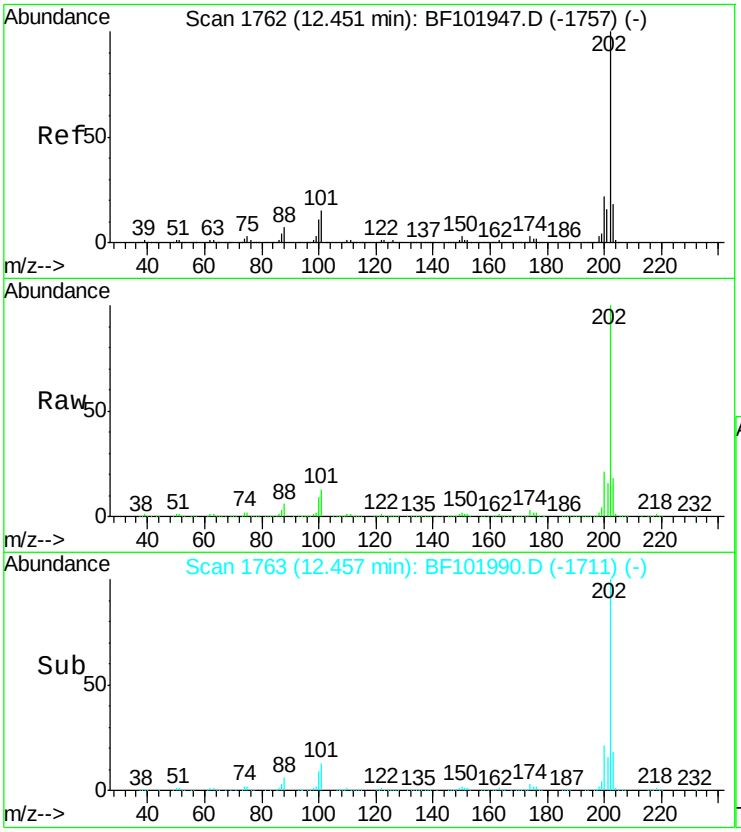


#72
Carbazole
Concen: 3.771 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:167 Resp: 136101

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.0	10.9	16.3



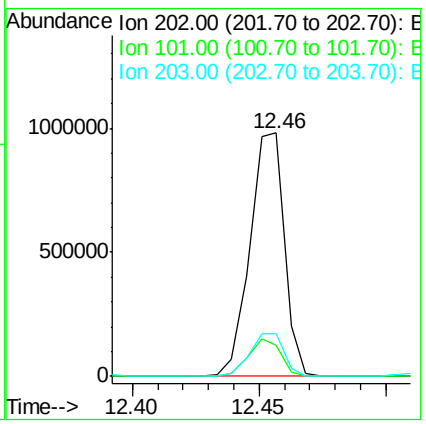


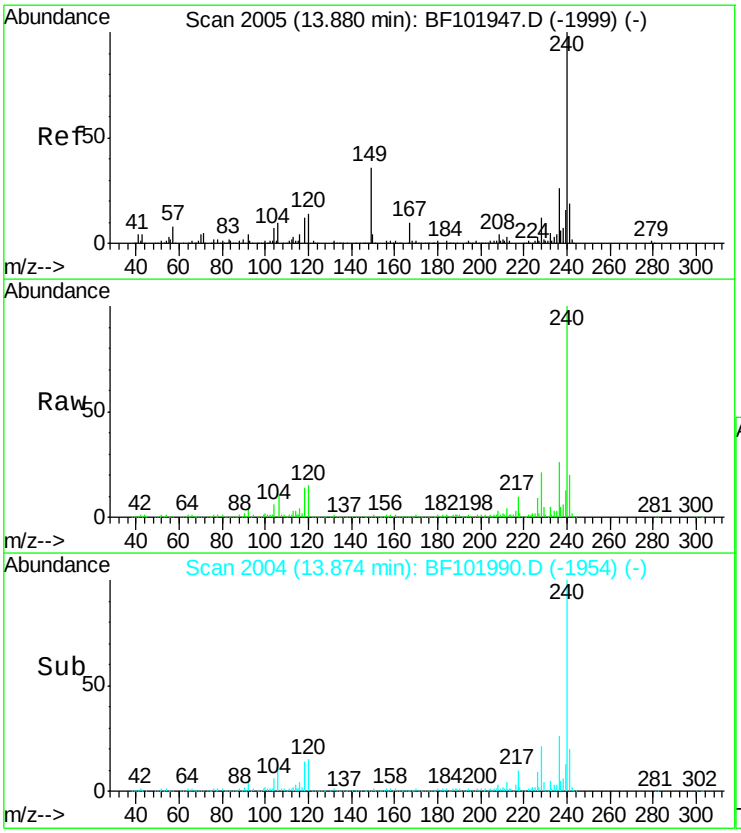
#74
Fluoranthene
Concen: 26.142 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:202 Resp: 931291

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.5	0.0	38.1

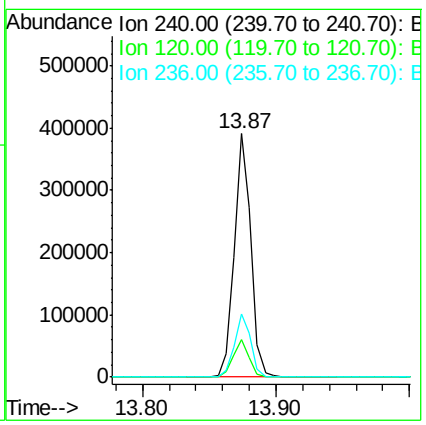


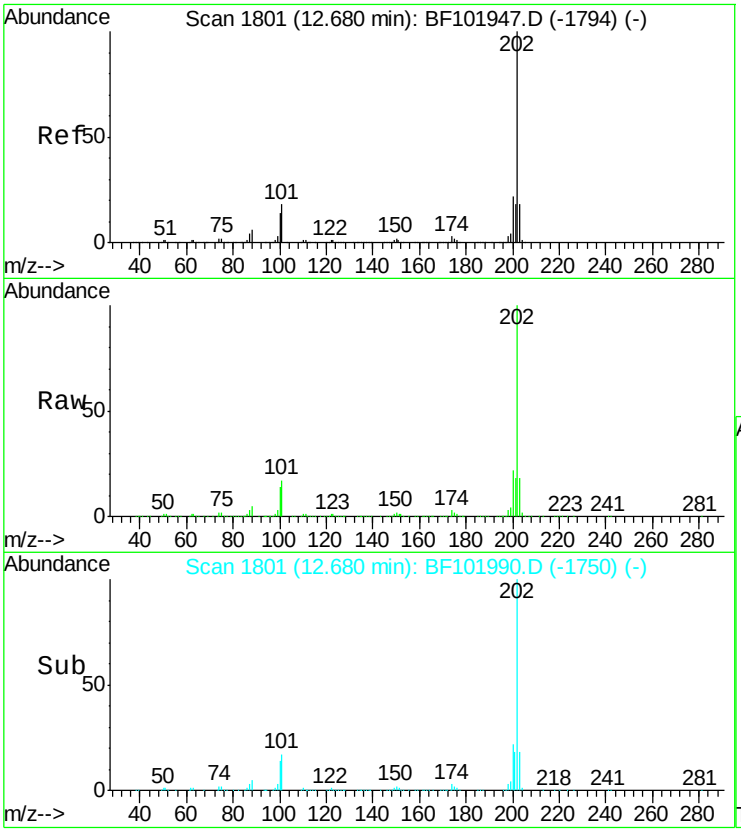


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:240 Resp: 340268

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.0	20.7	31.1



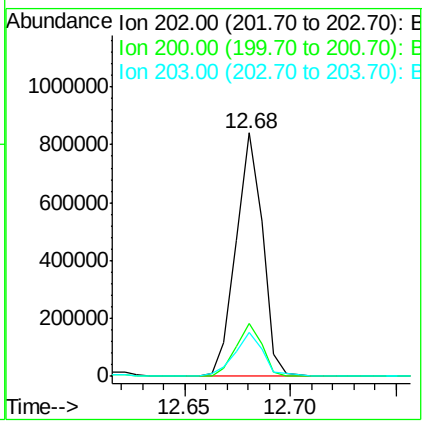


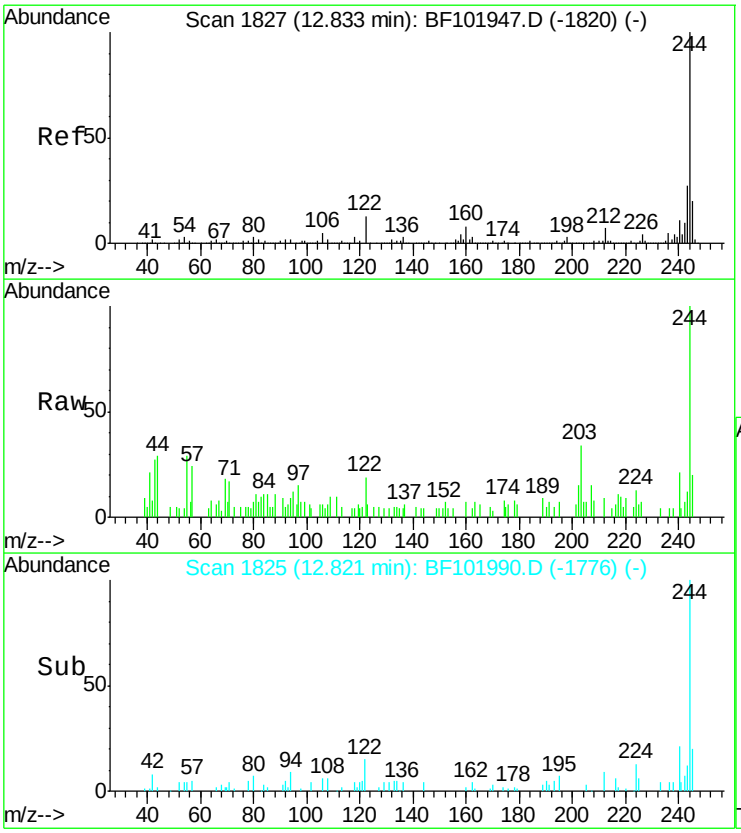
#77
Pyrene
Concen: 24.306 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:202 Resp: 731059

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5

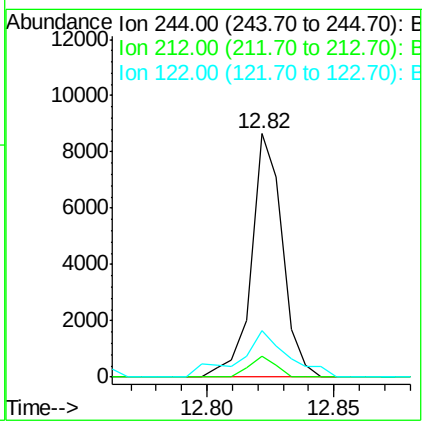


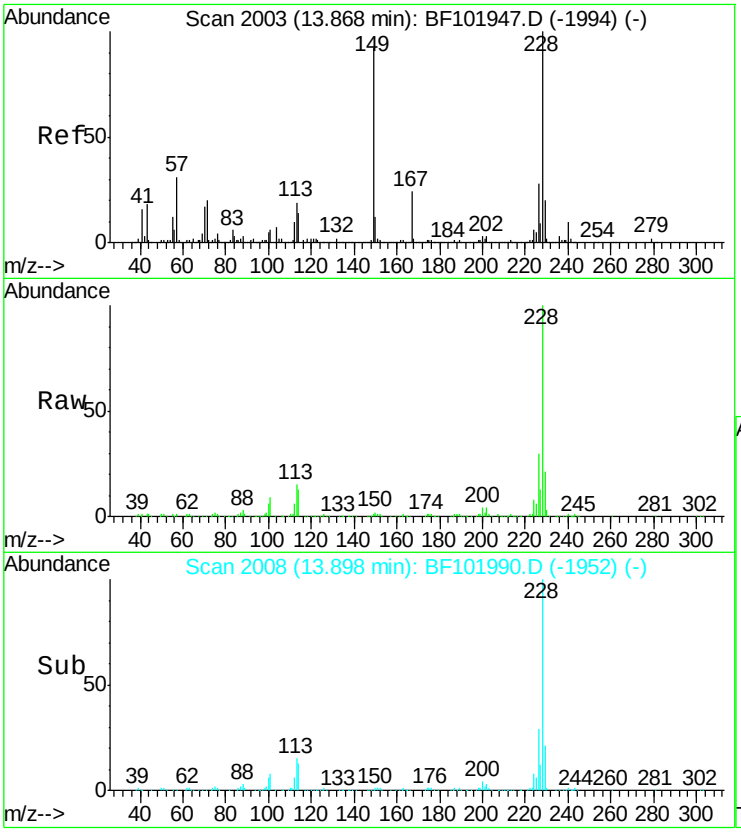


#78
Terphenyl-d14
Concen: 0.448 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:244 Resp: 7347

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.4	8.0#
122	19.2	11.0	16.4#



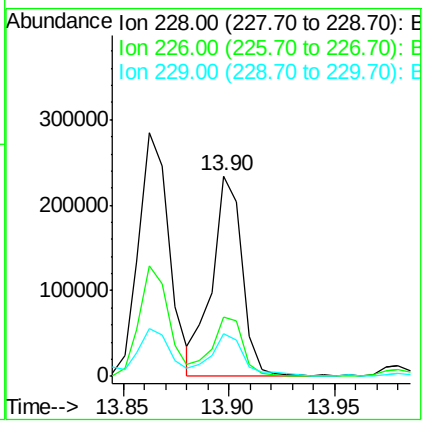


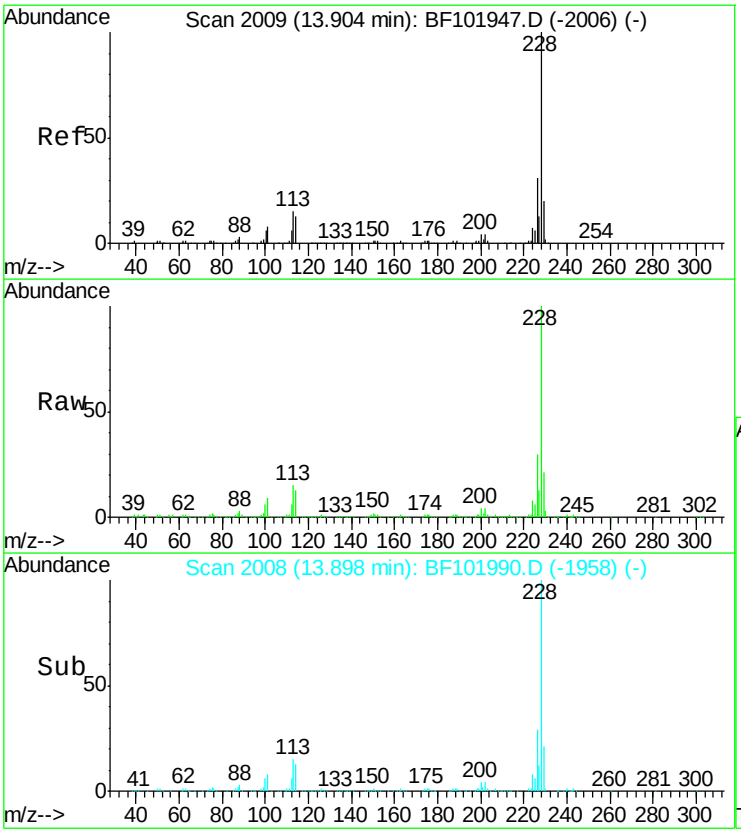
#80
Benzo(a)anthracene
Concen: 10.575 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:228 Resp: 229592

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.4	15.8	23.6

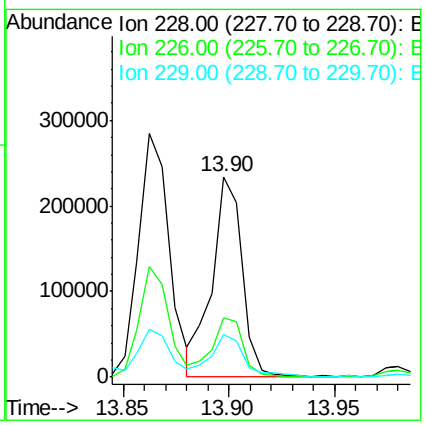


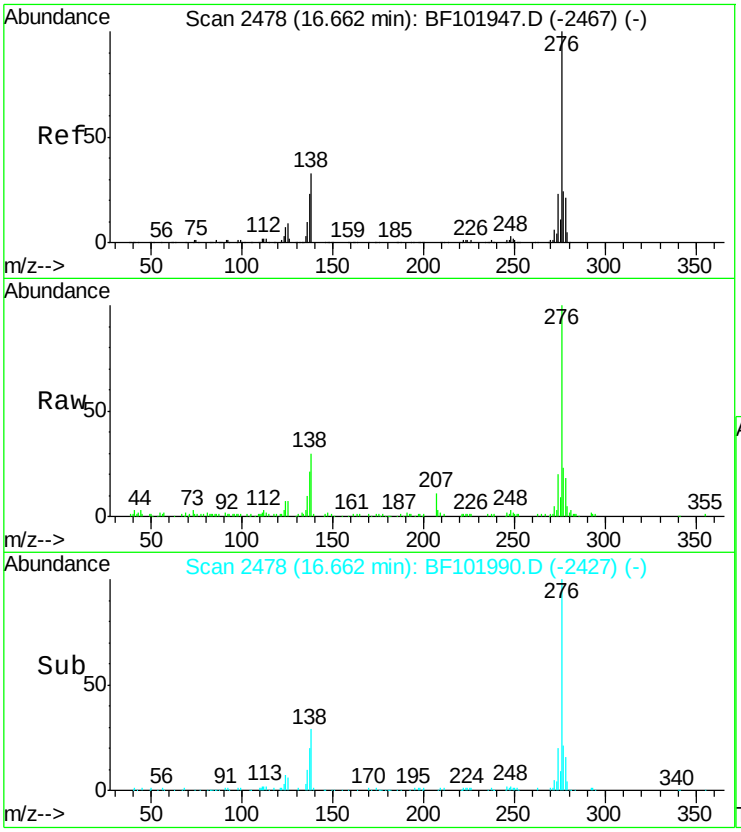


#82
Chrysene
Concen: 10.142 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:228 Resp: 229592

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.4	16.2	24.4



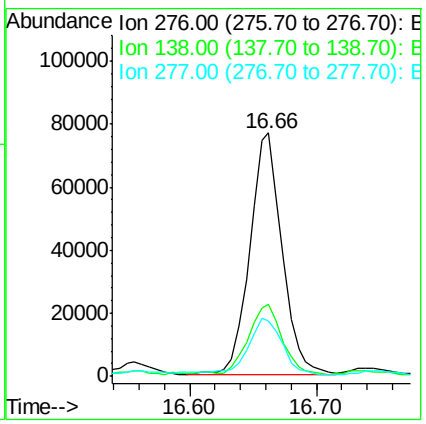


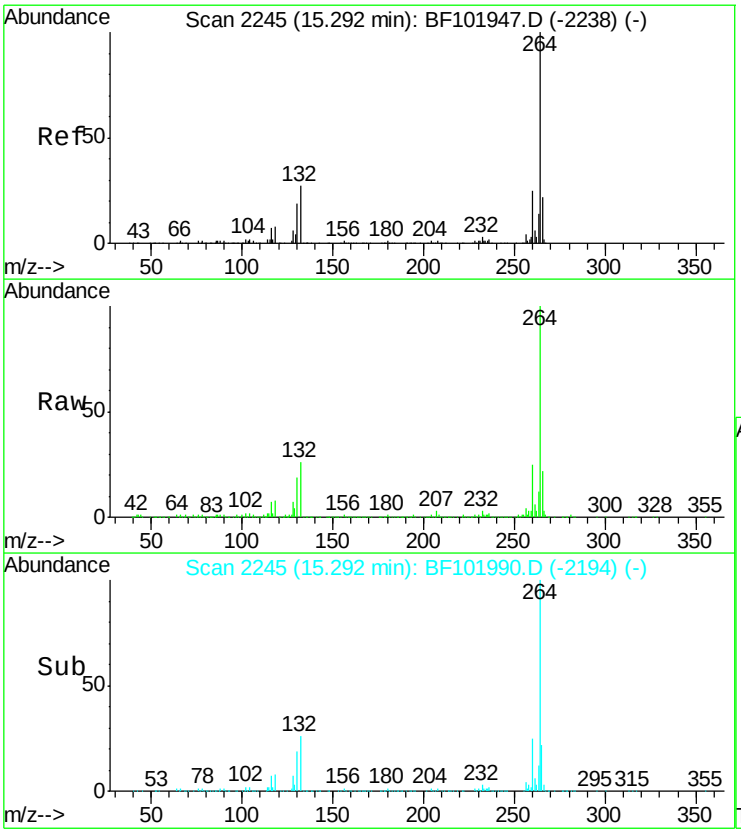
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.199 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:276 Resp: 135087

Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	26.2	20.1	30.1

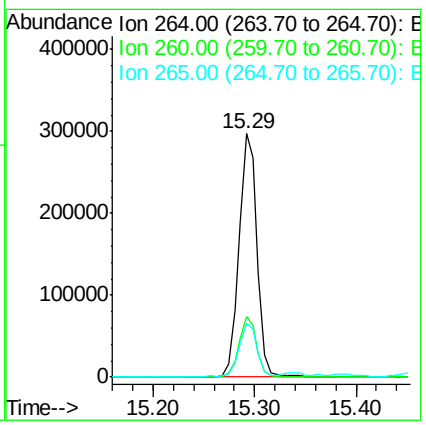


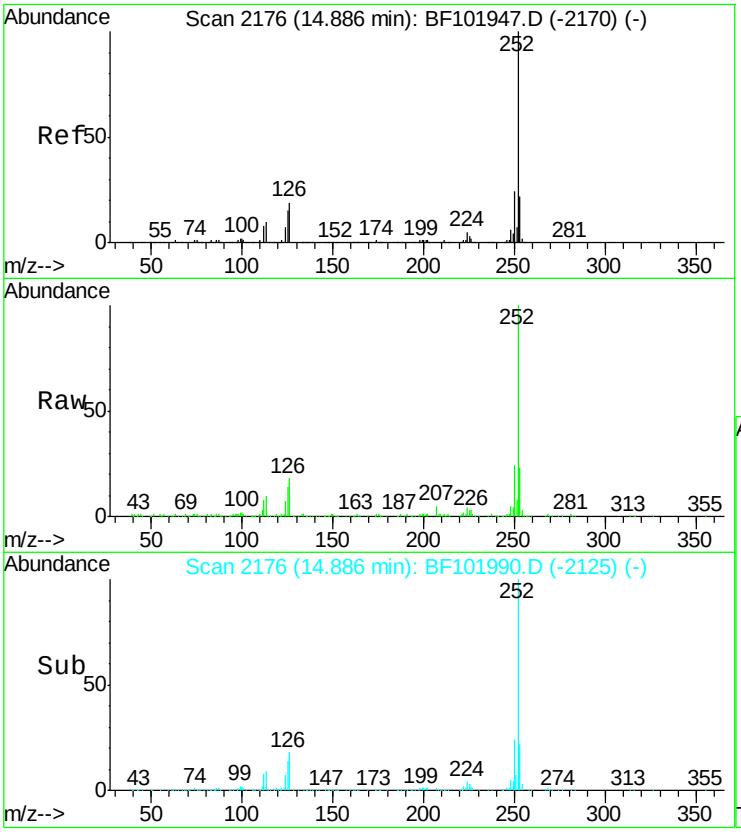


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:264 Resp: 365417

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	17.5	26.3



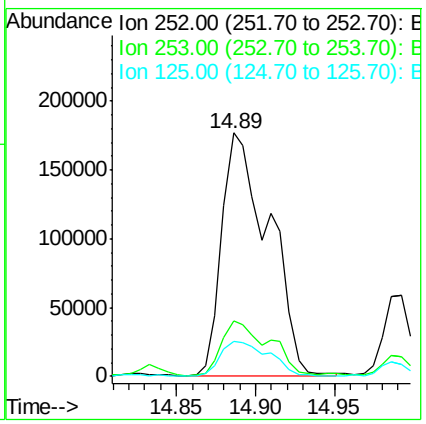


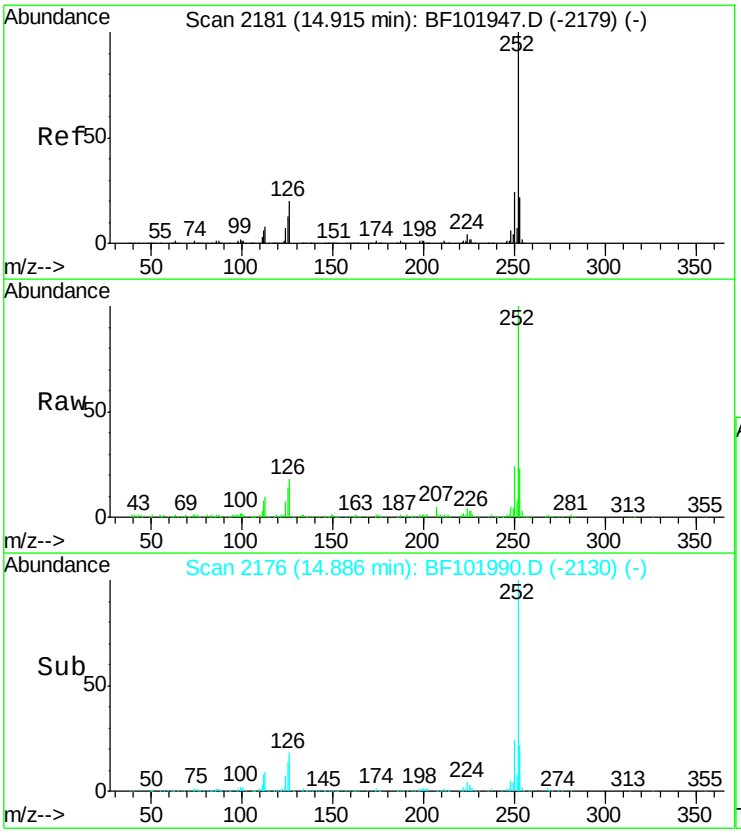
#87
Benzo(b)fluoranthene
Concen: 15.330 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:252 Resp: 365268

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.4	9.0	13.6#

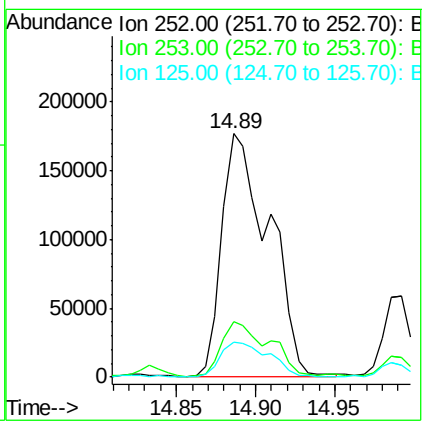


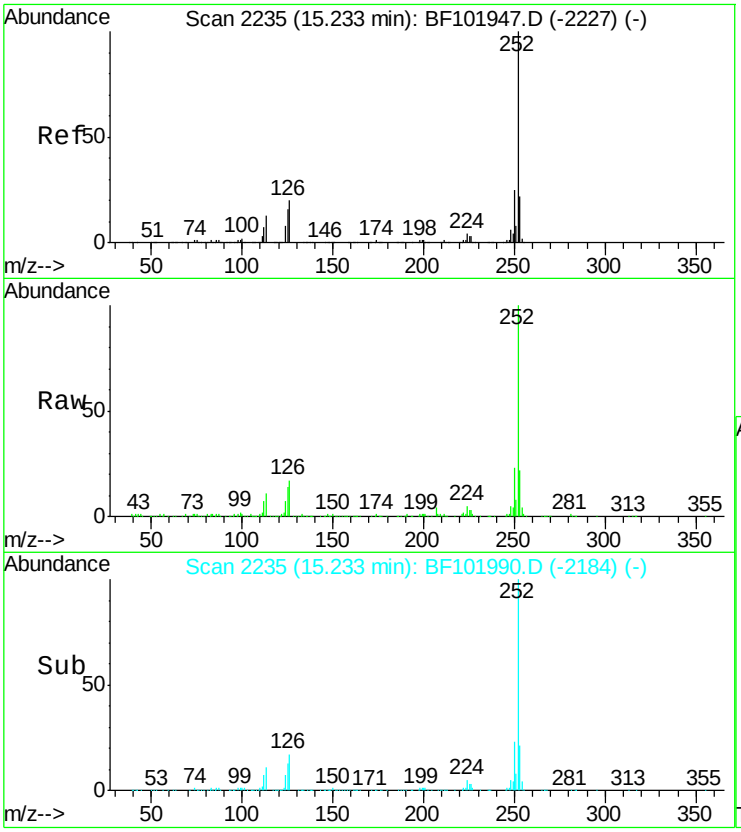


#88
Benzo(k)fluoranthene
Concen: 15.892 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:252 Resp: 365268

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.4	10.2	15.2



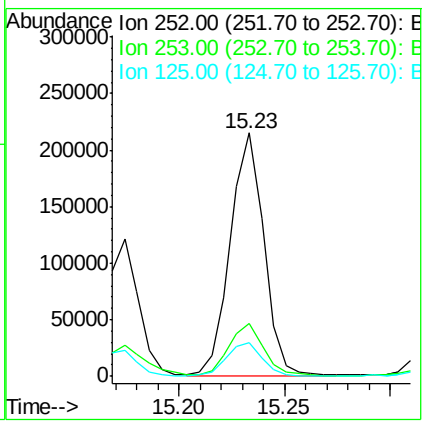


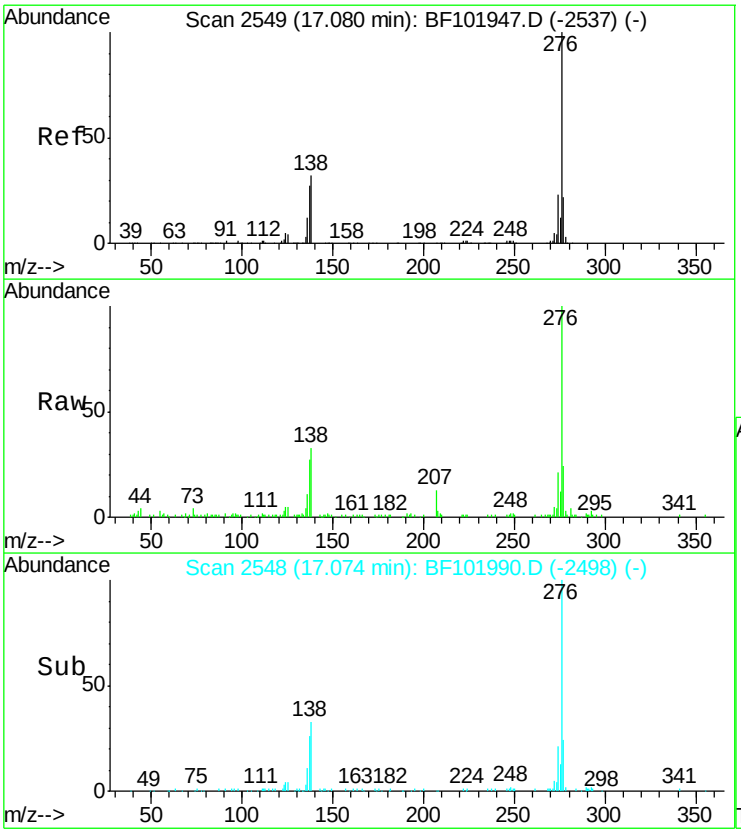
#89
Benzo(a)pyrene
Concen: 10.993 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Instrument :
BNA_F
ClientSampleId :
WC-14R30-02

Tgt Ion:252 Resp: 235698

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.282 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF101990.D
Acq: 10 Jan 2018 20:23

Tgt Ion:276 Resp: 125500

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	33.4	21.8	32.8#