Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-7317-03

Quant Time: Jan 11 01:53:48 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	219413	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	896520	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	383726	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	610233	20.00	ng		0.00
75) Chrysene-d12	13.87	240	331559	20.00	ng		0.00
86) Perylene-d12	15.30	264	356267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	8405	0.54	ng		0.00
7) Phenol-d6	6.35	99	9336	0.50	ng		0.00
23) Nitrobenzene-d5	7.50	82	533	0.03	ng		0.21
41) 2,4,6-Tribromophenol	10.55	330	1555	0.46	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	11848	0.48	ng		0.00
78) Terphenyl-d14	12.83	244	10228	0.64	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.04	128	3284381	73.316	ng		98
33) 4-Chloroaniline	8.04	127	455882	23.843	ng	#	34
37) 2-Methylnaphthalene	8.73	142	1250223	42.393	ng		100
45) 1,1'-Biphenyl	9.19	154	260027	7.667	ng		98
48) Acenaphthylene	9.62	152	151597	3.632	ng	#	92
51) Acenaphthene	9.80	154	596147	23.531	ng		98
53) 2,4-Dinitrophenol	9.95	184	107	8.699	ng	#	1
54) Dibenzofuran	9.96	168	103136	2.966	ng	#	86
57) Fluorene	10.31	166	487812	20.295	ng		100
64) 4,6-Dinitro-2-methylphenol	10.37	198	120	5.694	ng	#	1
70) Phenanthrene	11.27	178	1860576	52.196	ng		99
71) Anthracene	11.32	178	588749	16.286	ng		99
74) Fluoranthene	12.46	202	674317	19.227	ng		98
77) Pyrene	12.69	202	941476	32.124	ng		99
80) Benzo(a)anthracene	13.90	228	191306	9.043	ng		97
82) Chrysene	13.90	228	191306	8.673	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	93509	5.824	ng		98
87) Benzo(b)fluoranthene	14.89	252	220541	9.494	ng	#	94
88) Benzo(k)fluoranthene	14.89	252	220541	9.842	ng	#	96
89) Benzo(a)pyrene	15.23	252	197531	9.450	ng		98
91) Benzo(g,h,i)perylene	17.08	276	106737	6.352	ng		96

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

Quantitation Report (Not Reviewed)

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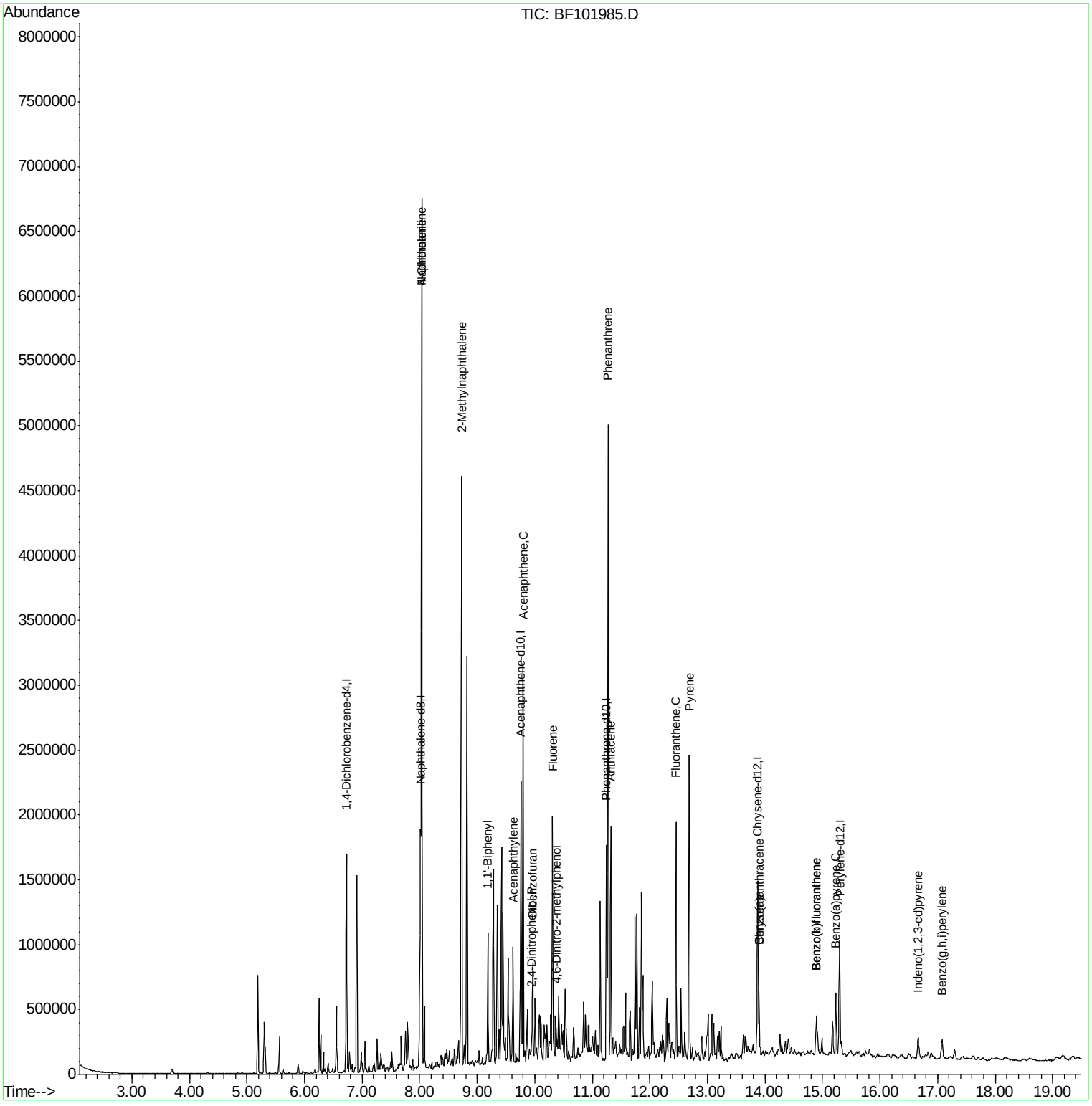
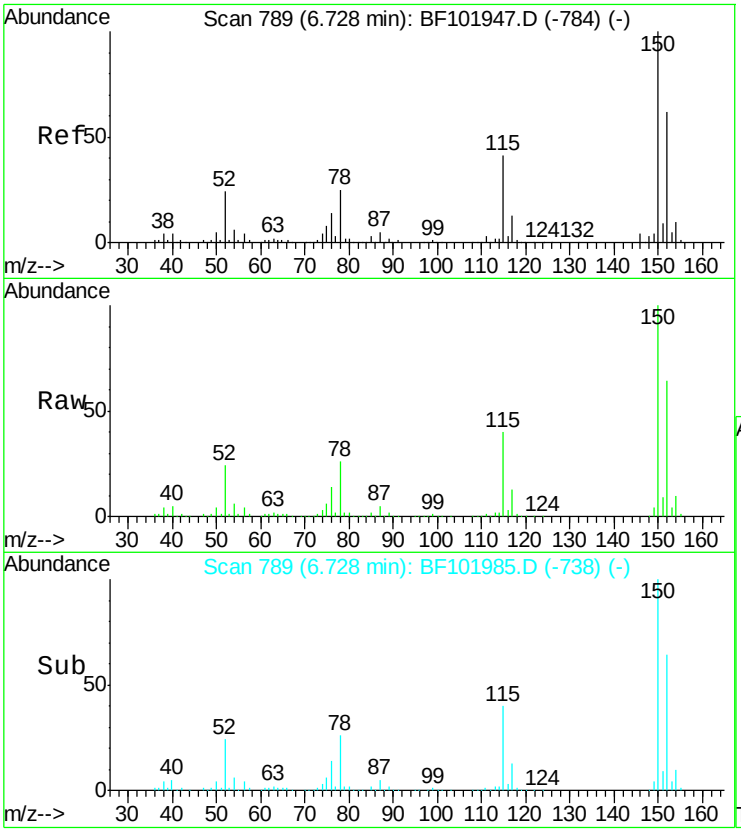


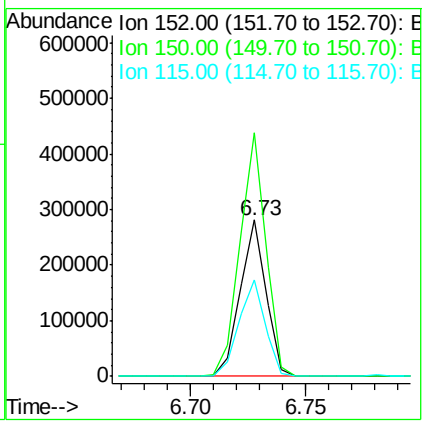


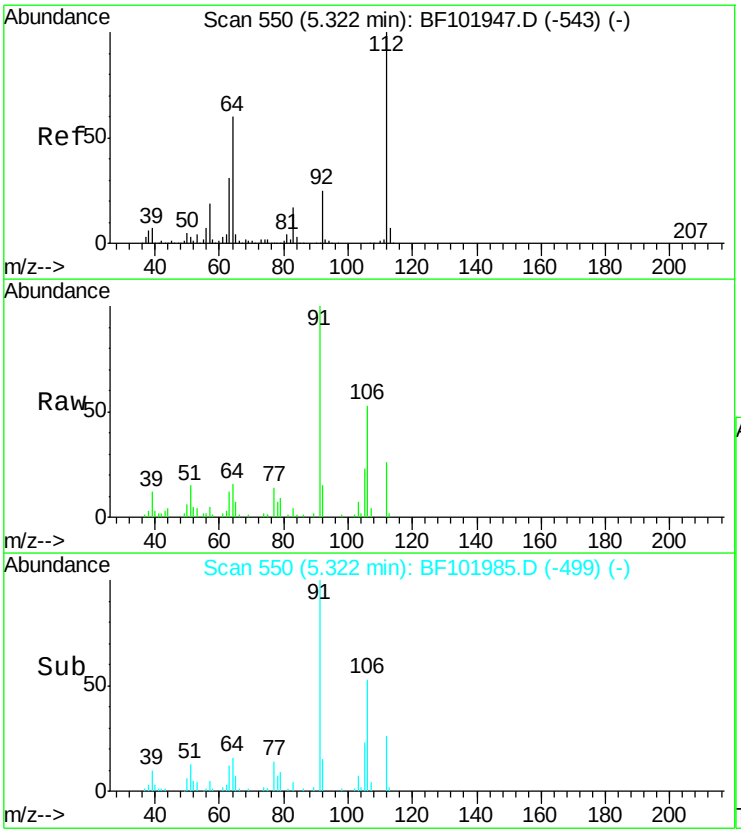
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:152 Resp: 219413

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.1	50.1	75.1

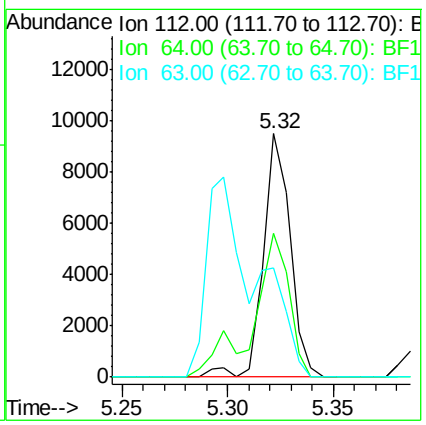


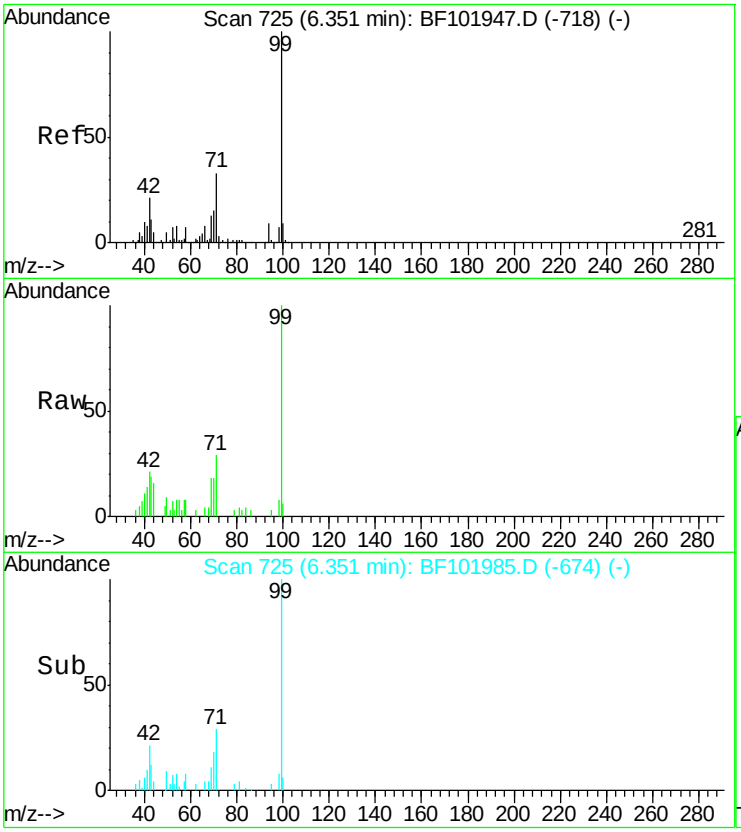


#5
2-Fluorophenol
Concen: 0.541 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:112 Resp: 8405

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	45.0	23.7	35.5#



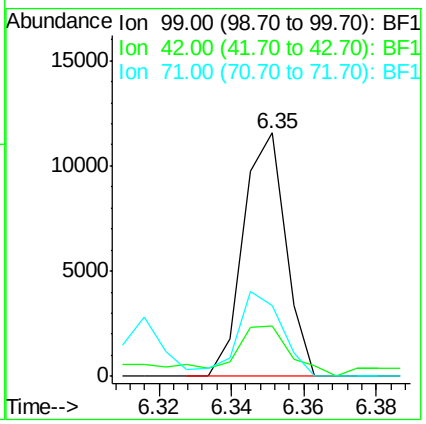


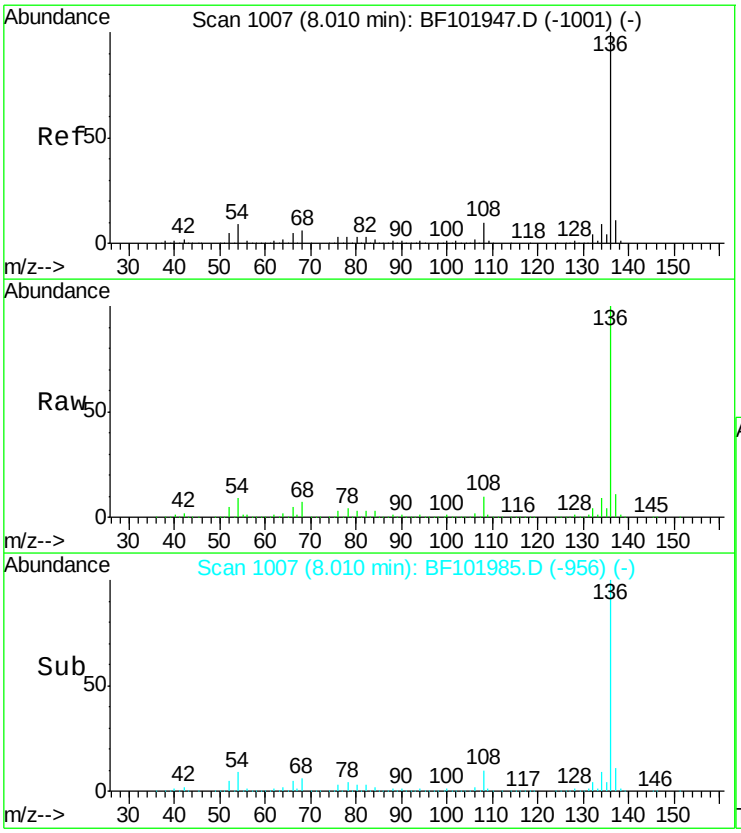
#7
Phenol-d6
Concen: 0.504 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion: 99 Resp: 9336

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	28.9	25.4	38.0

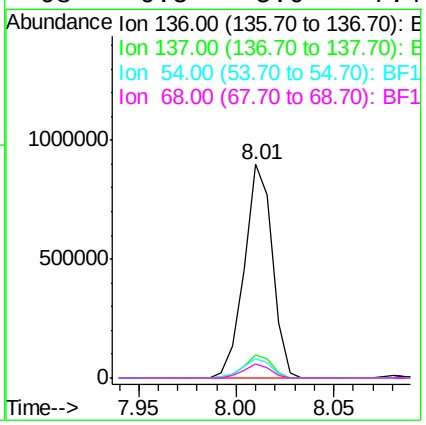


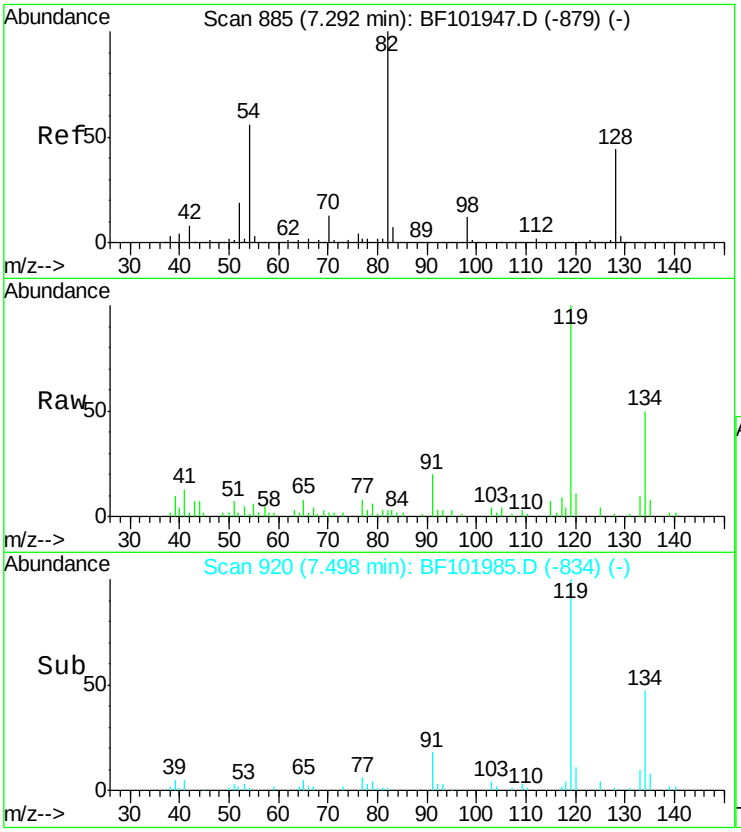


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:136 Resp: 896520

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4



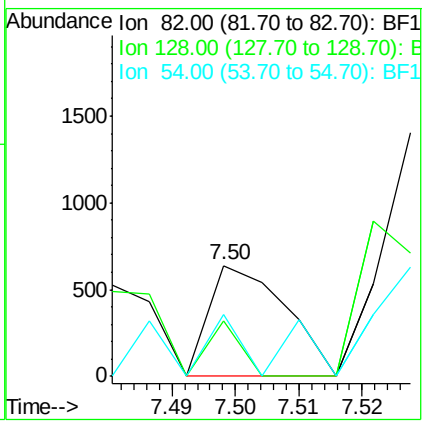


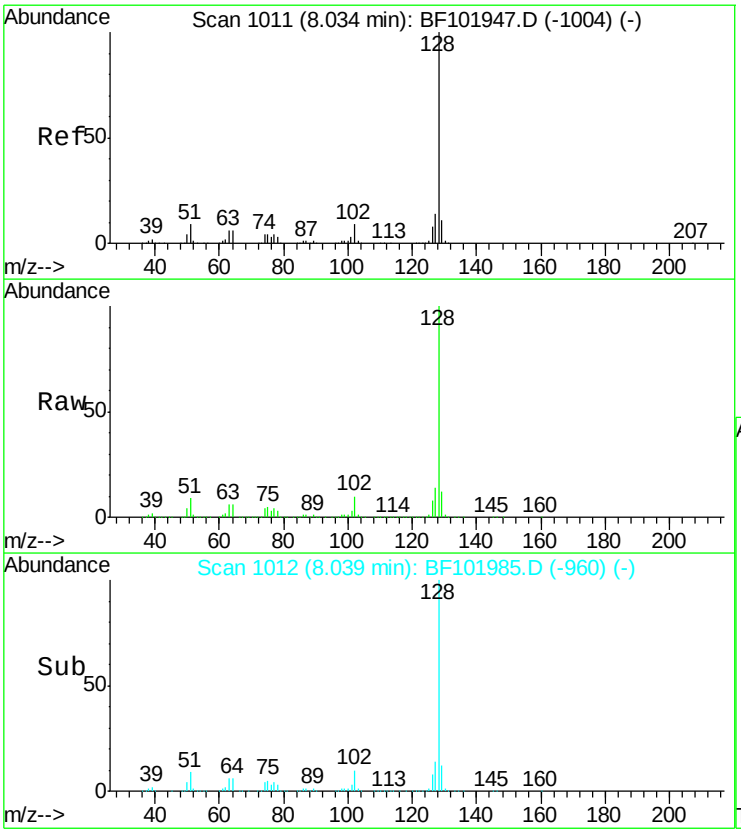
#23
Nitrobenzene-d5
Concen: 0.035 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.21 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion: 82 Resp: 533

Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	56.1	41.4	62.2

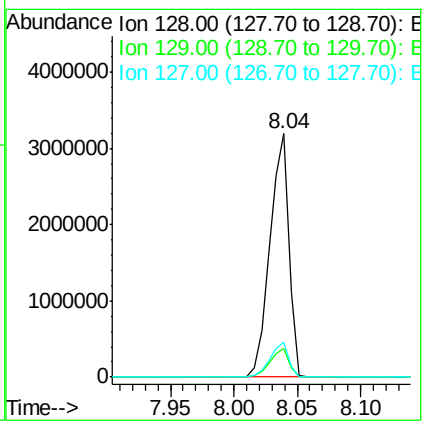


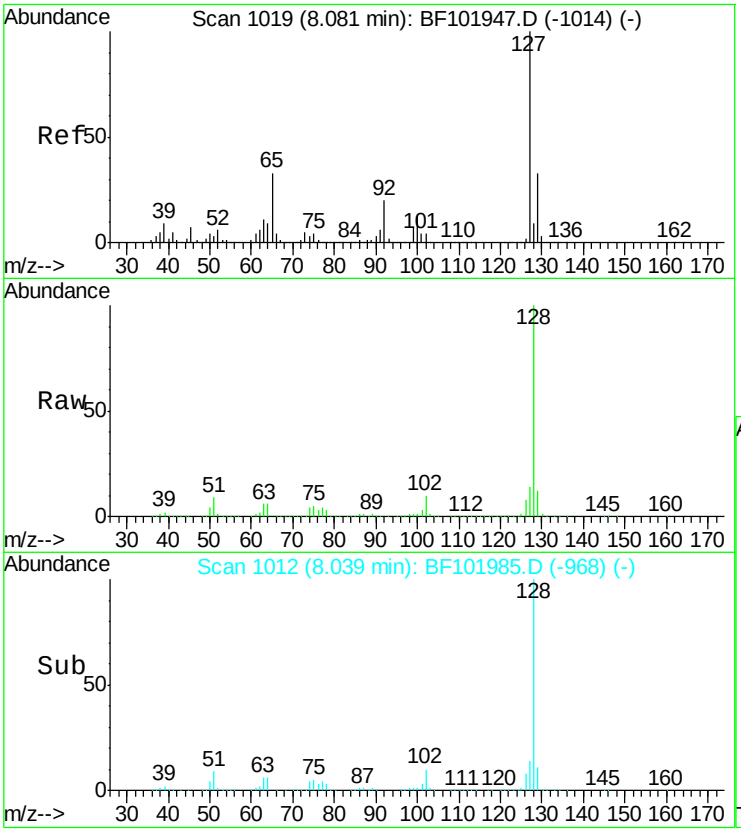


#31
Naphthalene
Concen: 73.316 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:128 Resp: 3284381

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.2	10.9	16.3



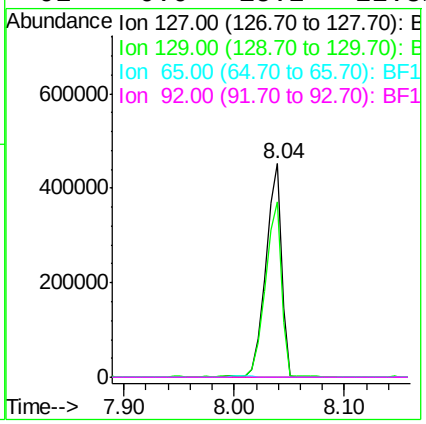


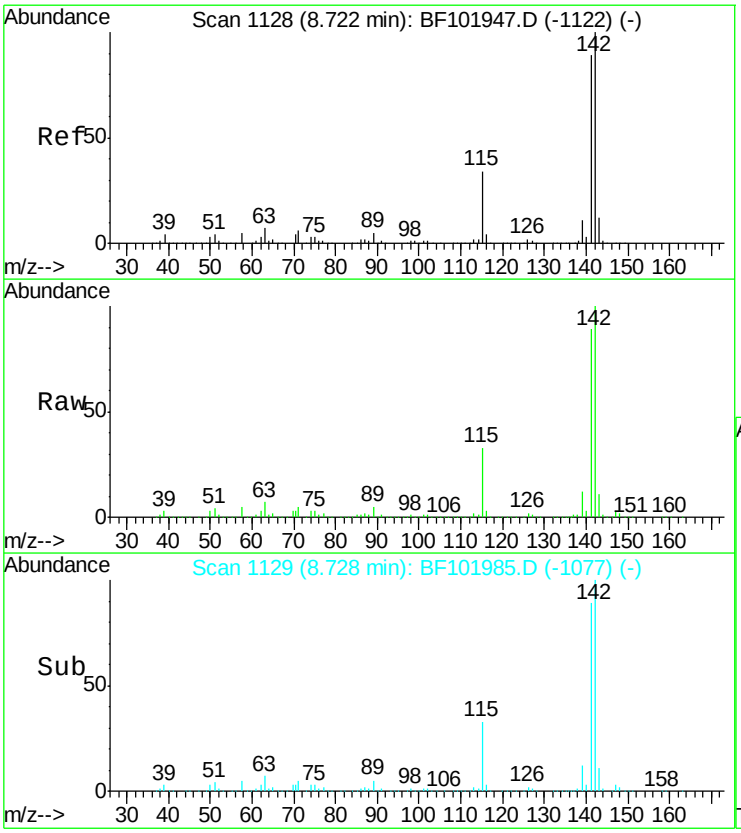
#33
4-Chloroaniline
Concen: 23.843 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:127 Resp: 455882

Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

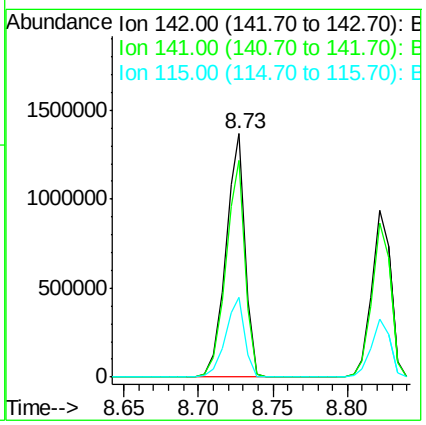


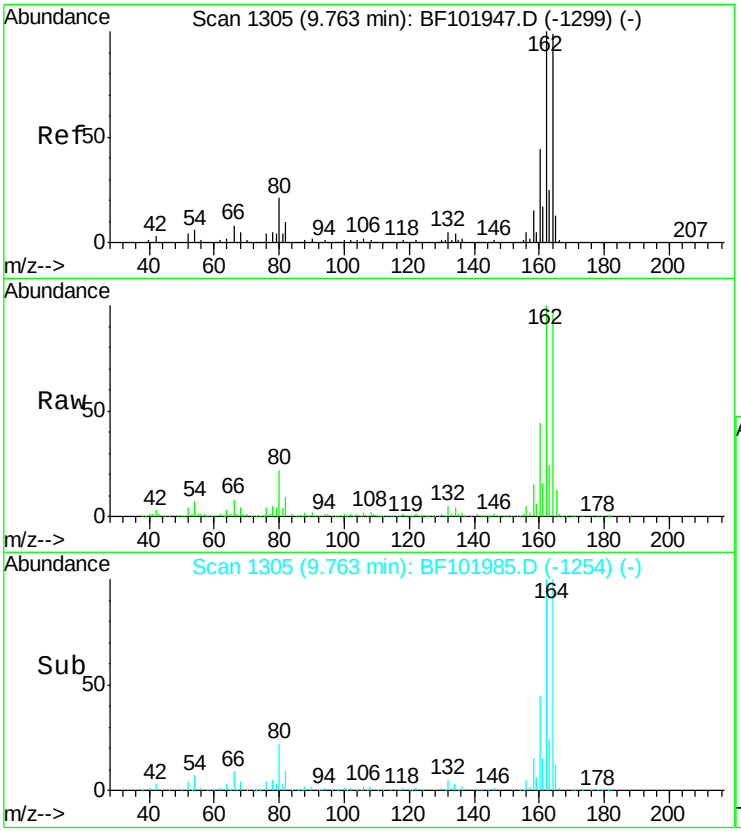


#37
2-Methylnaphthalene
Concen: 42.393 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:142 Resp: 1250223

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	32.6	26.1	39.1



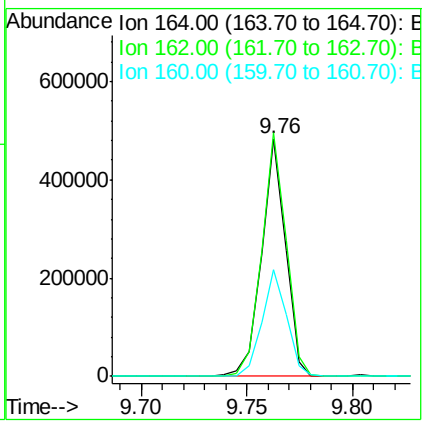


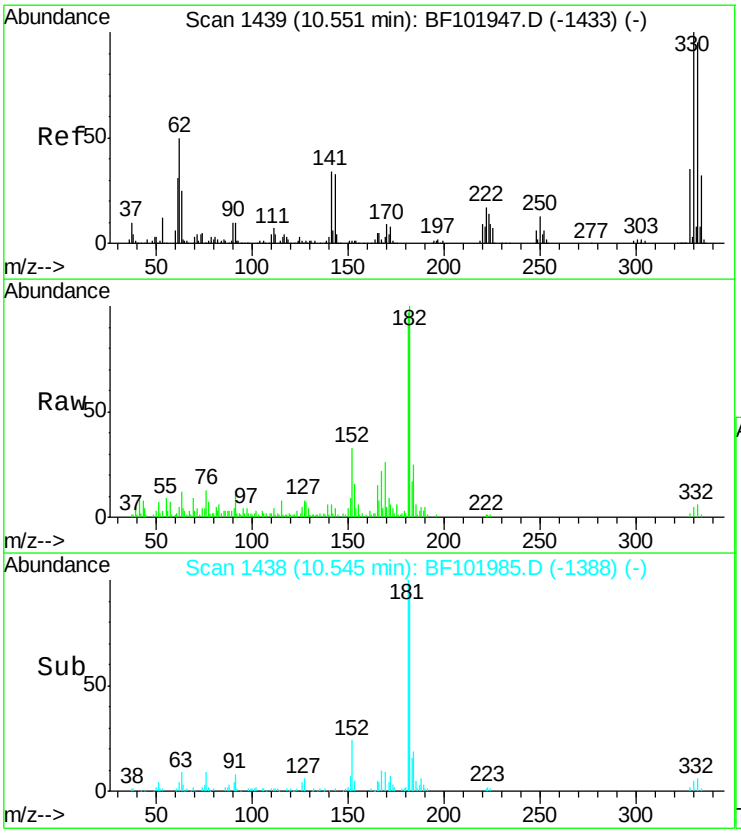
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument : BNA_F
ClientSampleId : WC-7317-03

Tgt Ion:164 Resp: 383726

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	44.8	38.3	57.5

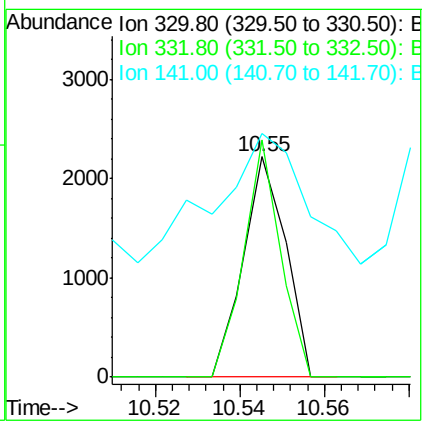


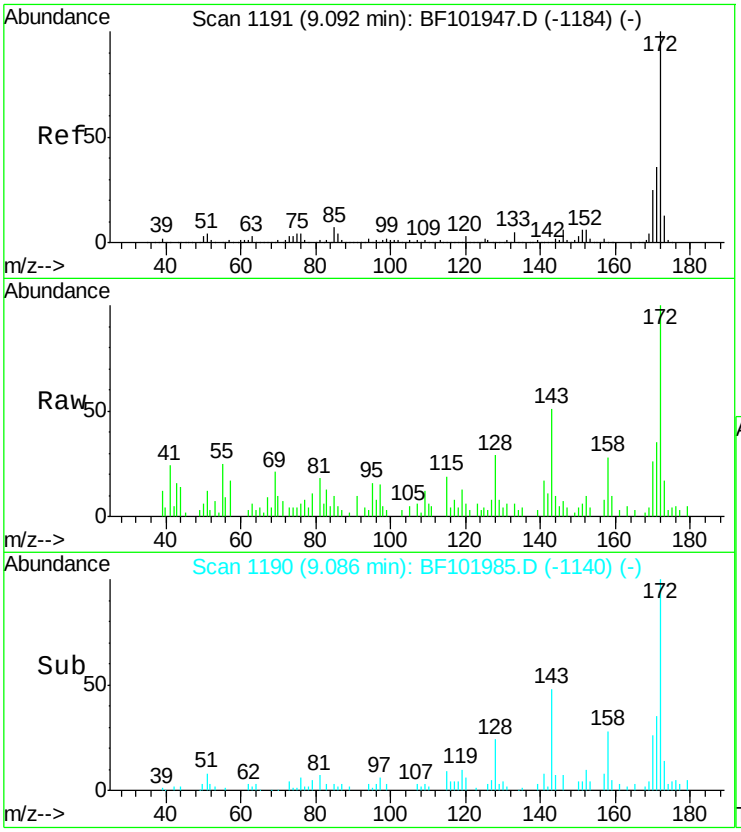


#41
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:330 Resp: 1555

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	161.0	29.9	44.9#



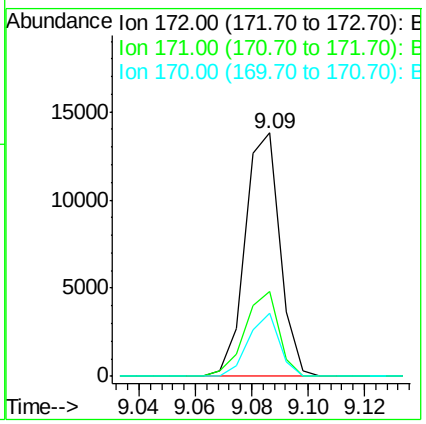


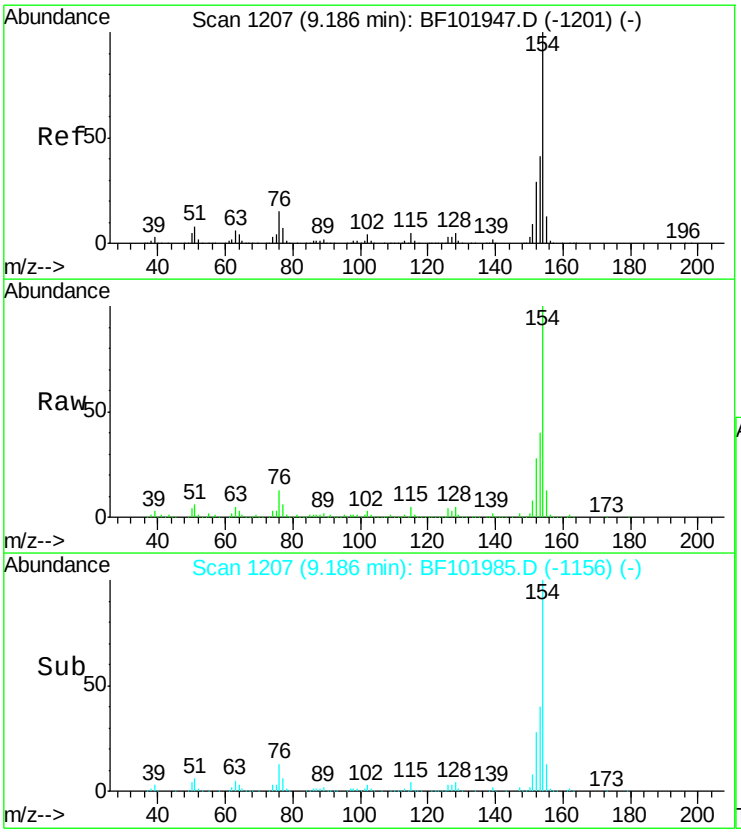
#44
2-Fluorobiphenyl
Concen: 0.482 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:172 Resp: 11848

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	25.7	19.6	29.4

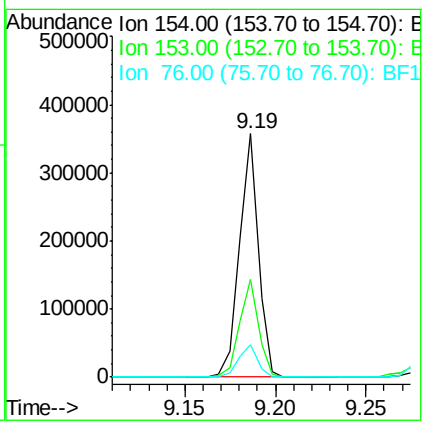


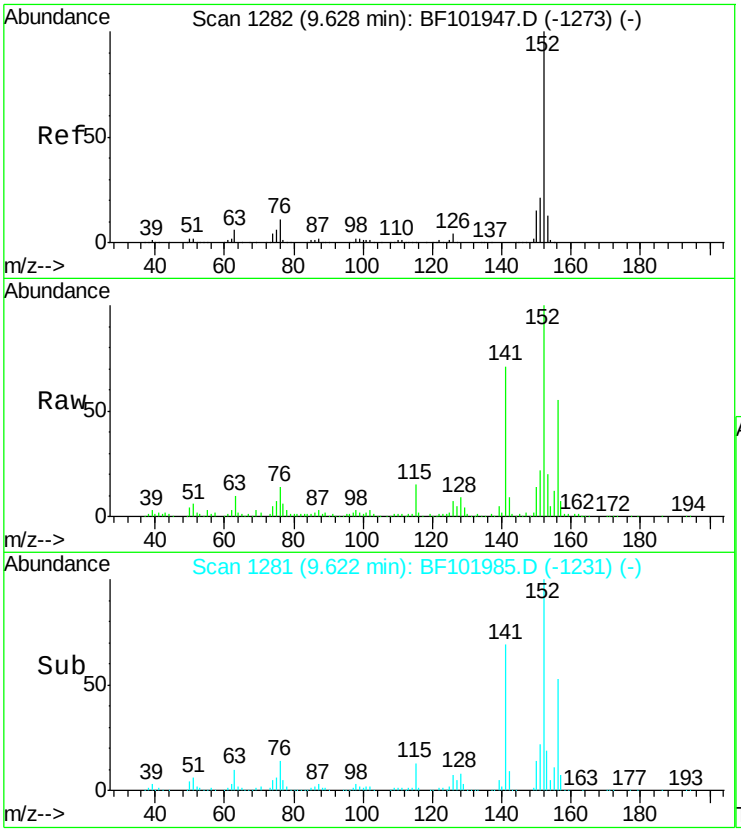


#45
1,1'-Biphenyl
Concen: 7.667 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:154 Resp: 260027

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.1	0.0	34.0



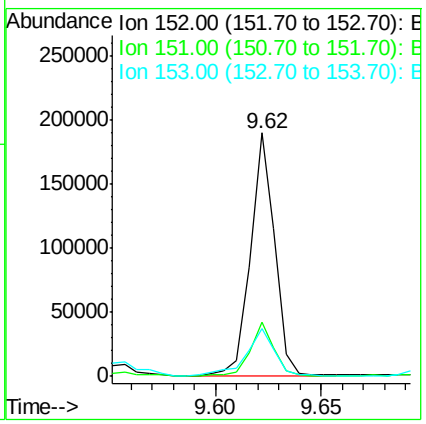


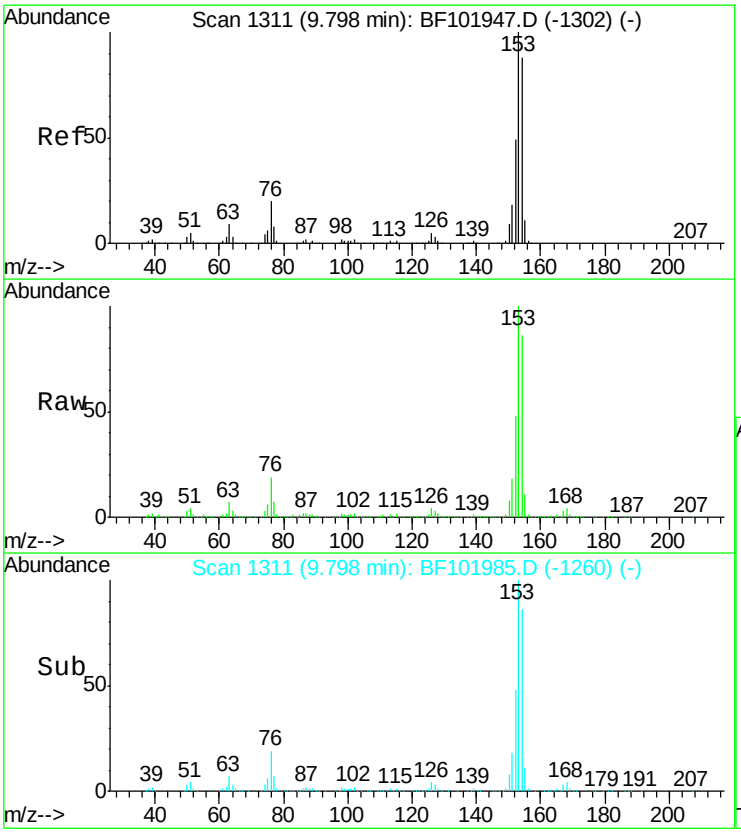
#48
Acenaphthylene
Concen: 3.632 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:152 Resp: 151597

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	19.6	10.7	16.1#

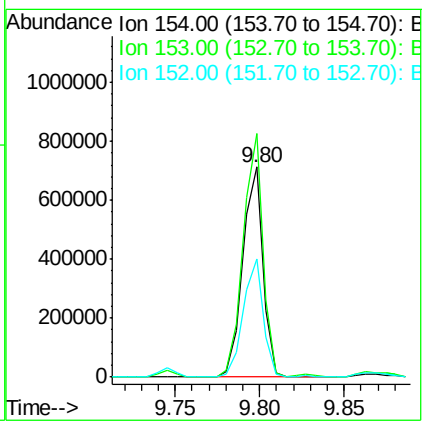


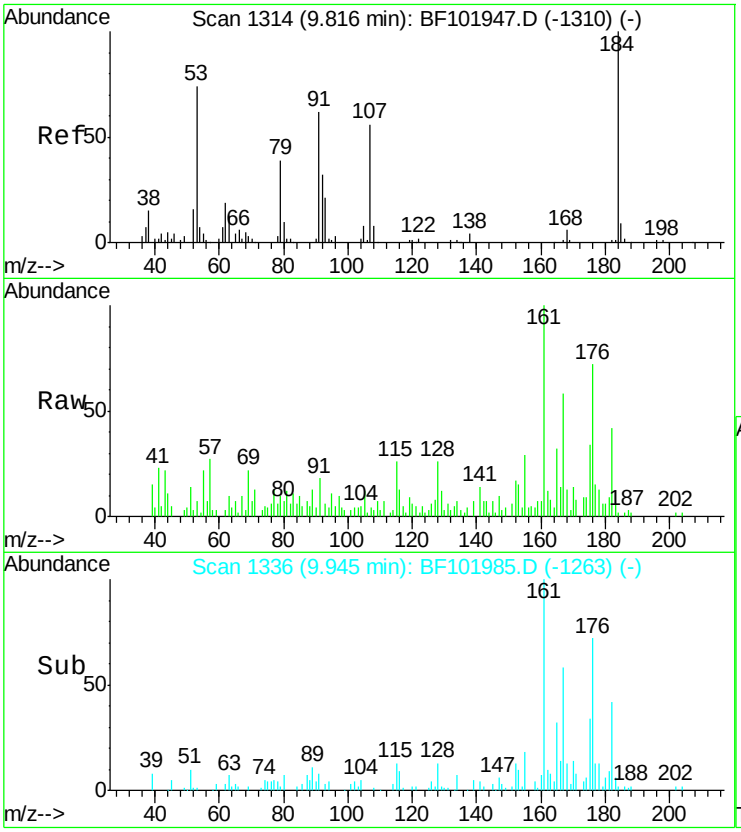


#51
Acenaphthene
Concen: 23.531 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:154 Resp: 596147

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	56.1	43.8	65.8



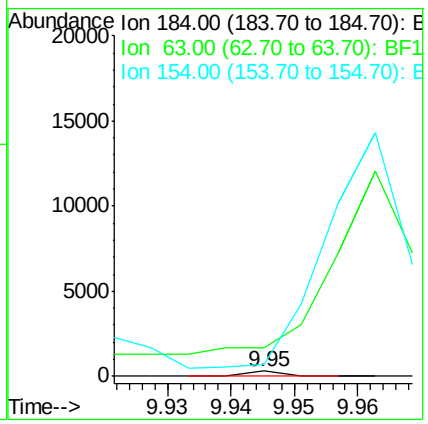


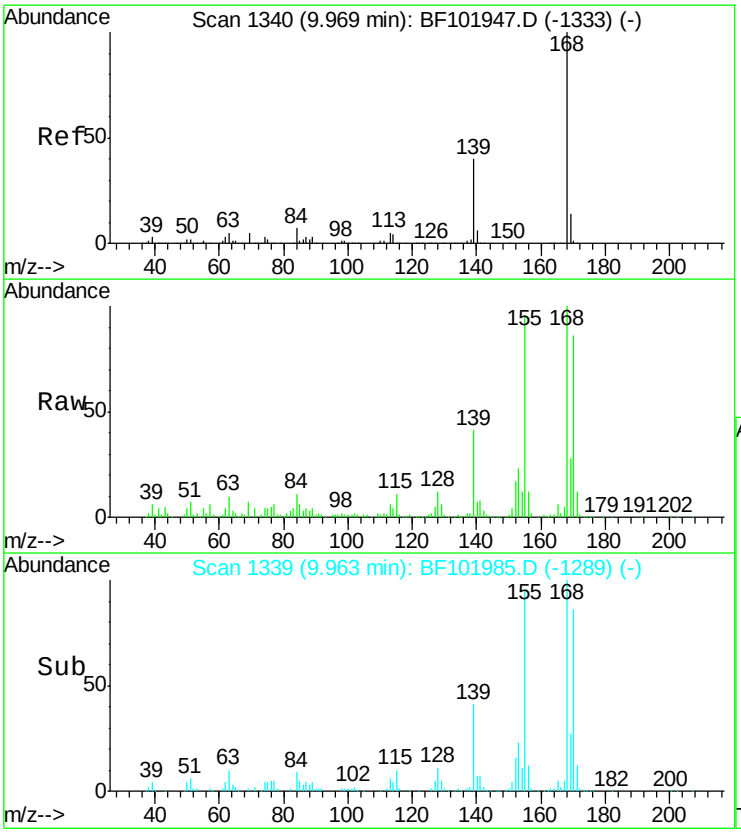
#53
2,4-Dinitrophenol
Concen: 8.699 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.13 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	560.3	54.2	81.2#
154	236.8	184.0	276.0

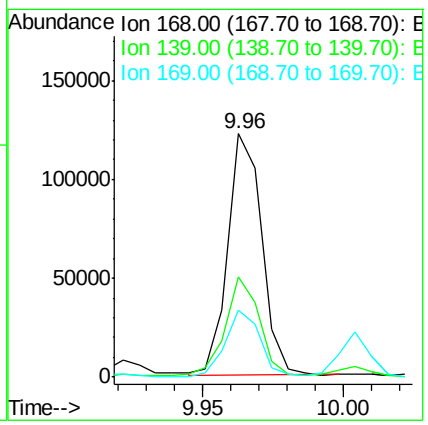


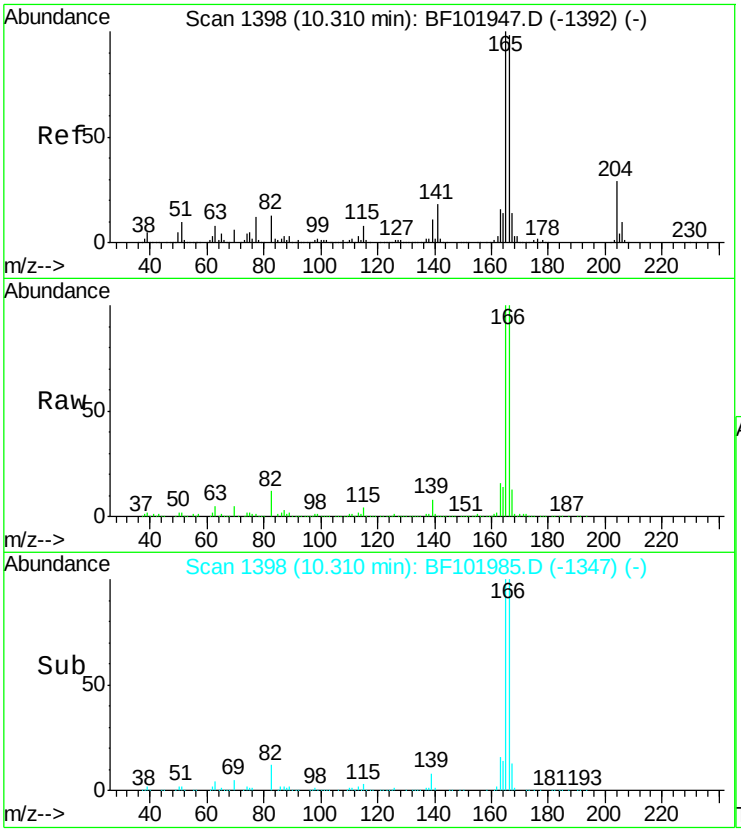


#54
Dibenzofuran
Concen: 2.966 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:168 Resp: 103136

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.1	45.1
169	27.5	10.9	16.3#



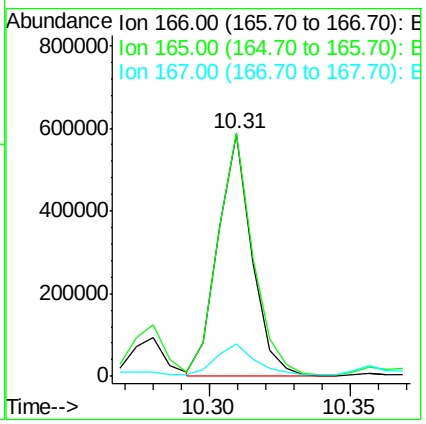


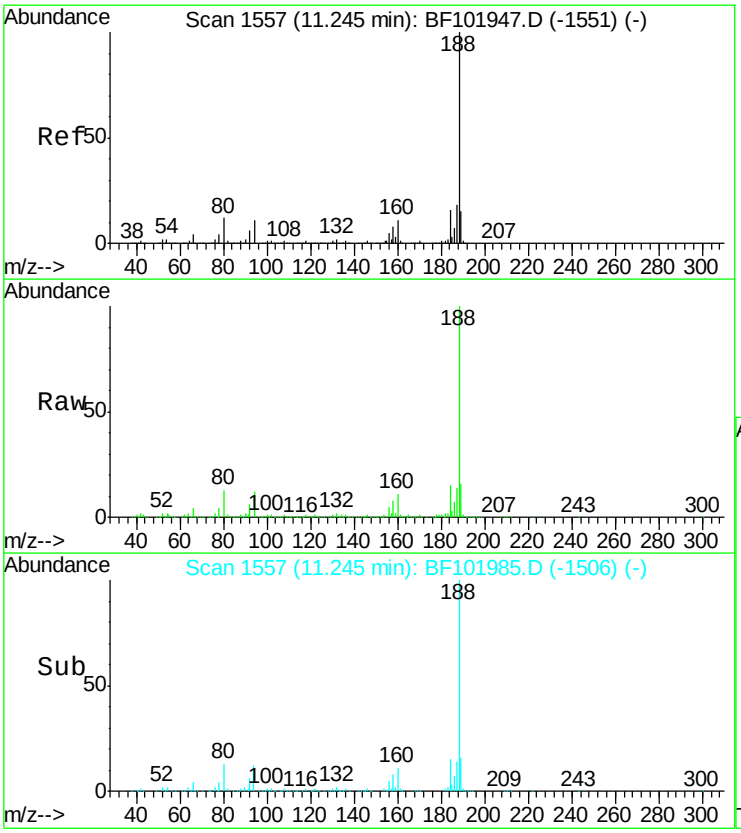
#57
Fluorene
Concen: 20.295 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:166 Resp: 487812

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.3	10.6	16.0

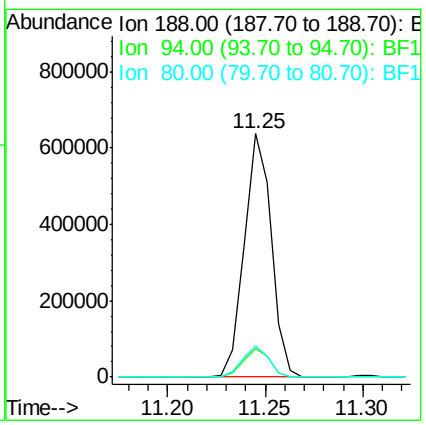


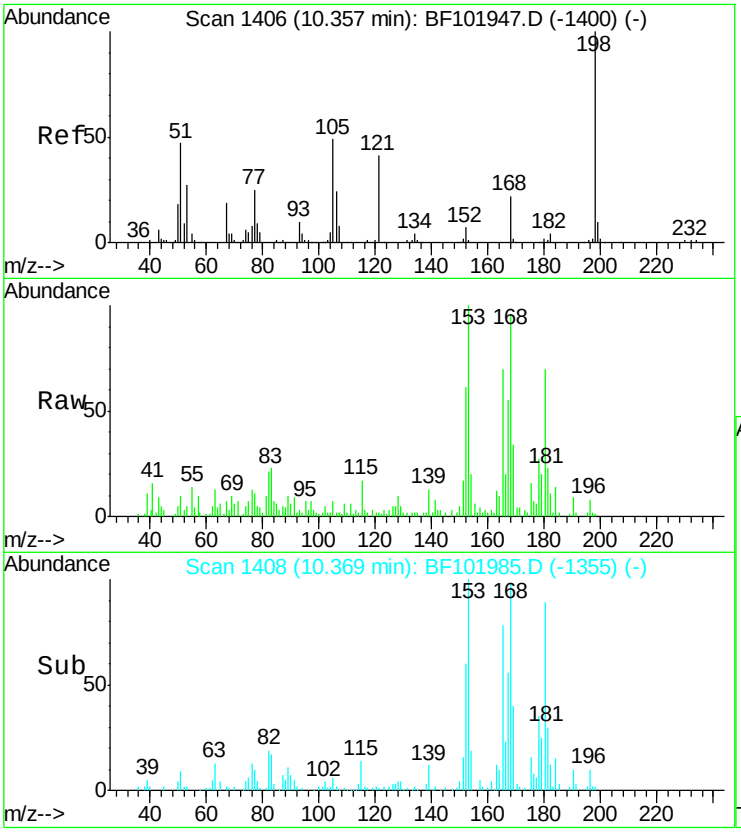


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:188 Resp: 610233

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



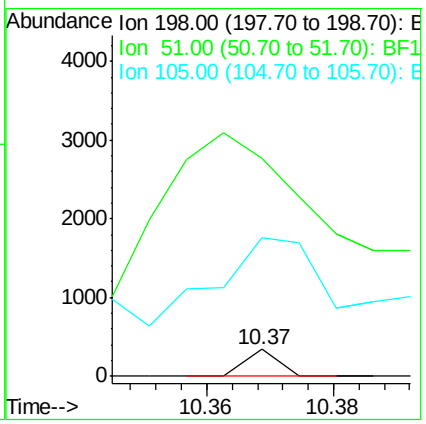


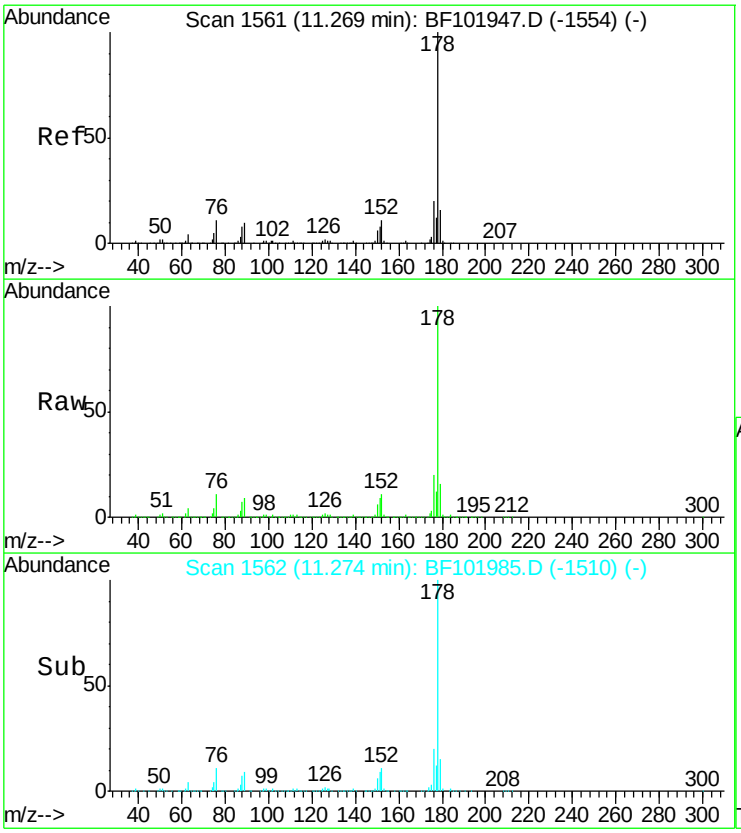
#64
4,6-Dinitro-2-methylphenol
Concen: 5.694 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:198 Resp: 120

Ion	Ratio	Lower	Upper
198	100		
51	813.5	37.7	77.7#
105	520.0	36.3	76.3#

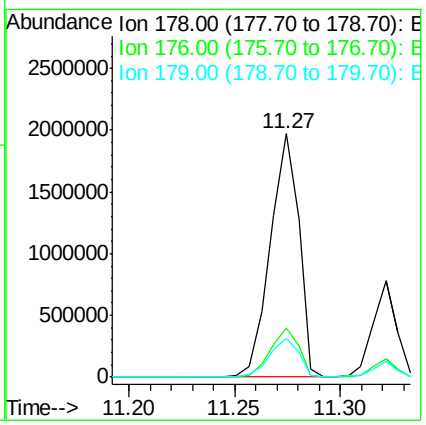


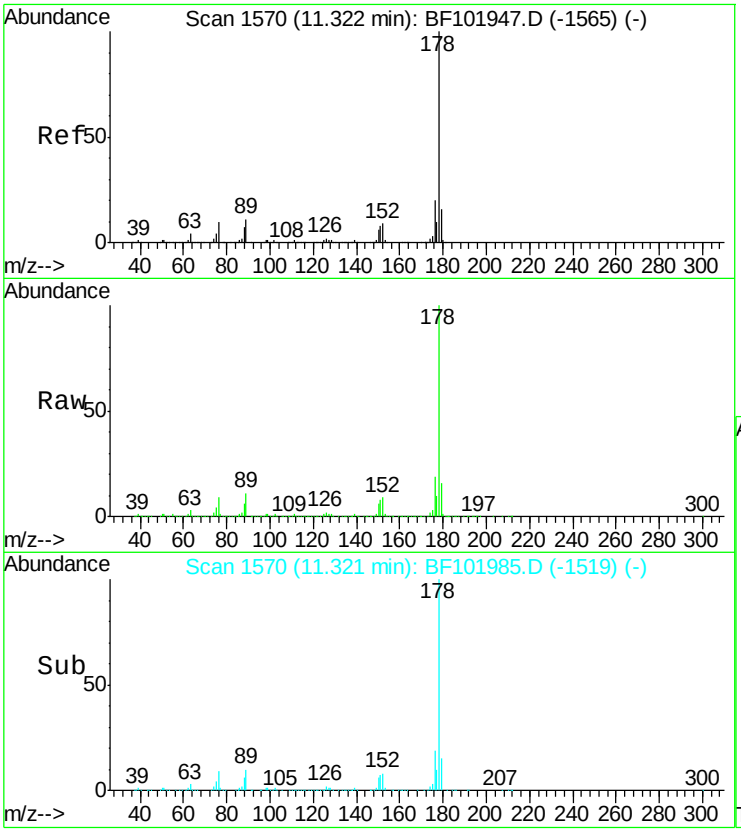


#70
Phenanthrene
Concen: 52.196 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:178 Resp: 1860576

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6



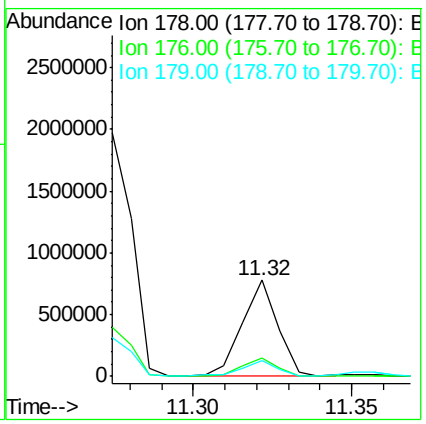


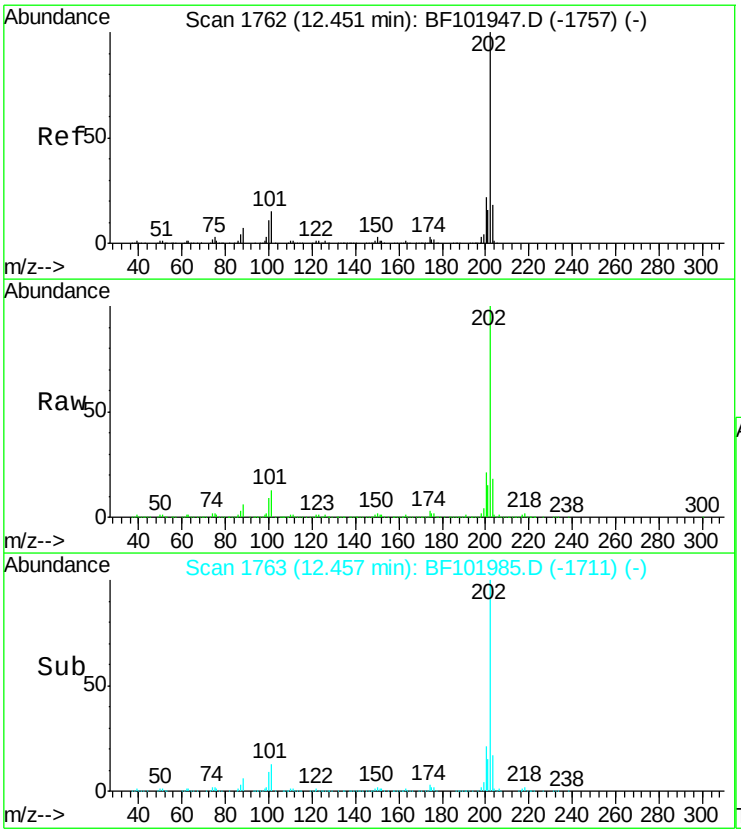
#71
Anthracene
Concen: 16.286 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:178 Resp: 588749

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.9	12.6	19.0

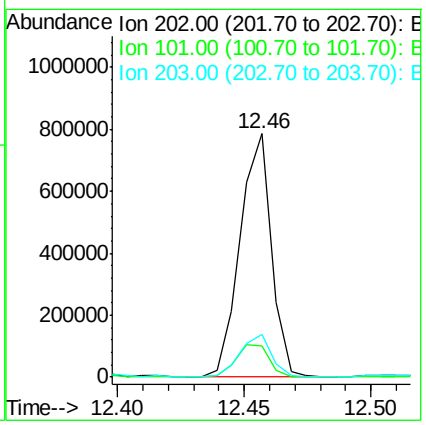


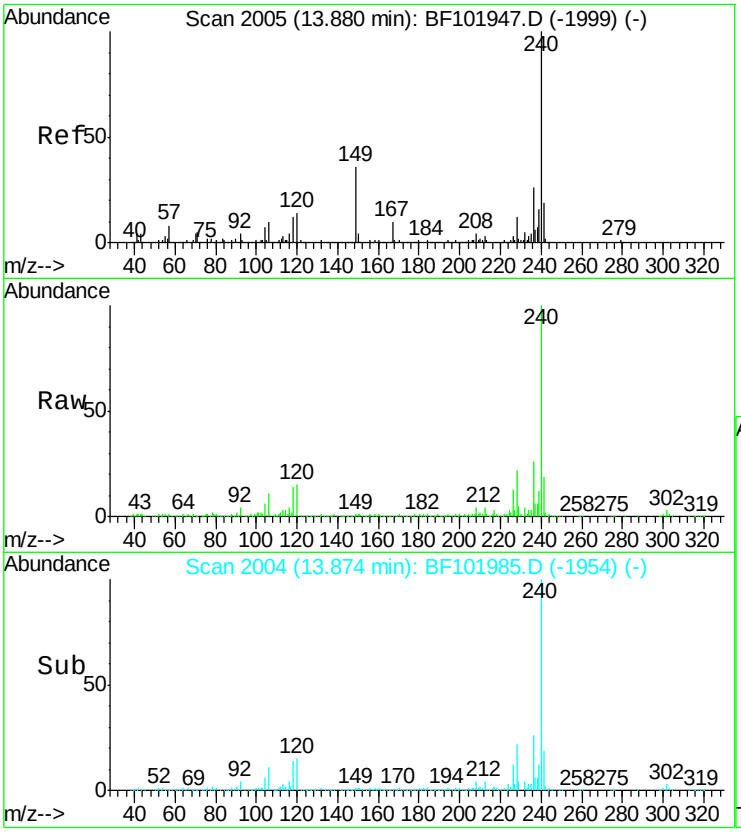


#74
Fluoranthene
Concen: 19.227 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:202 Resp: 674317

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.5	0.0	38.1



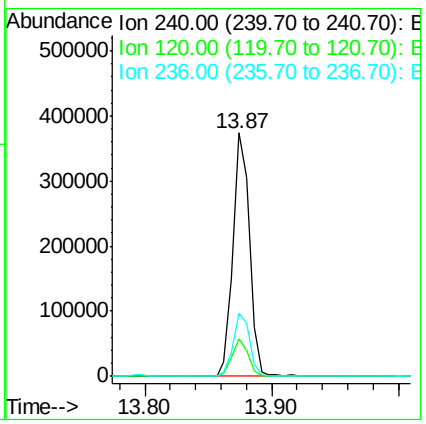


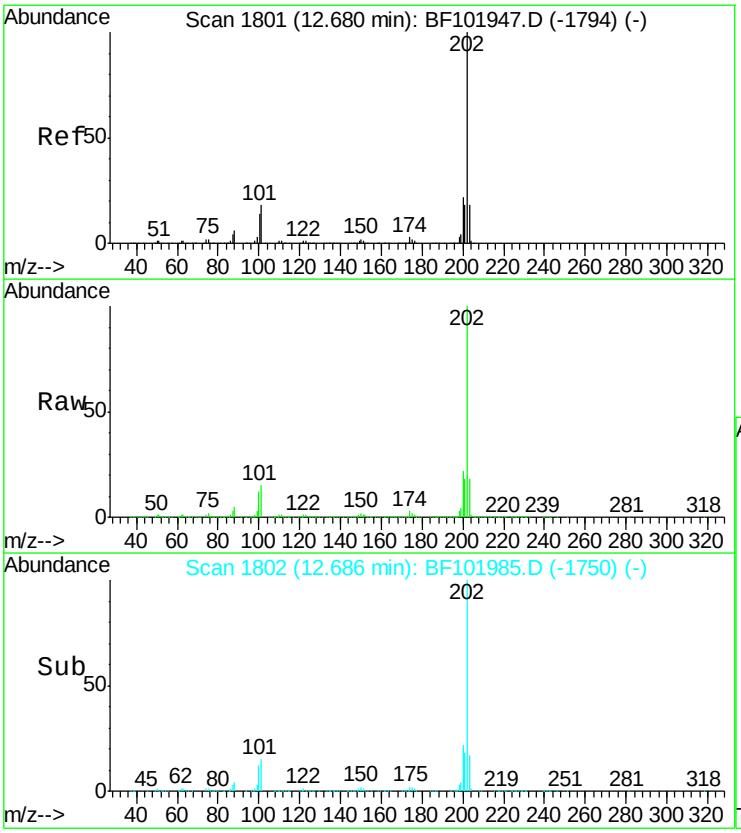
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:240 Resp: 331559

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.9	20.7	31.1

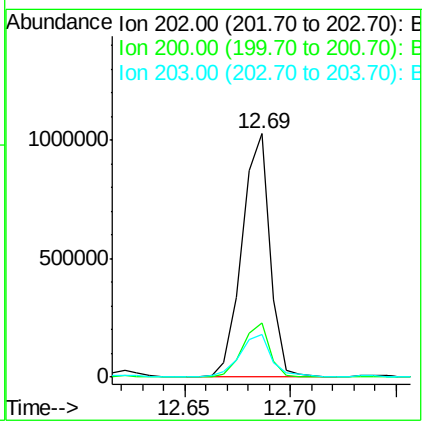


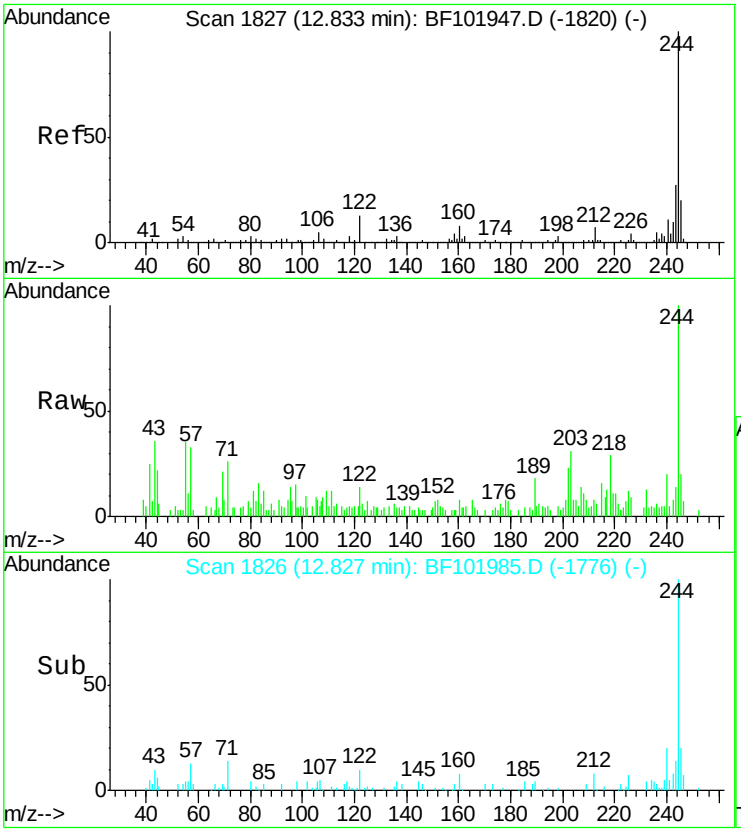


#77
Pyrene
Concen: 32.124 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:202 Resp: 941476

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.6	14.3	21.5



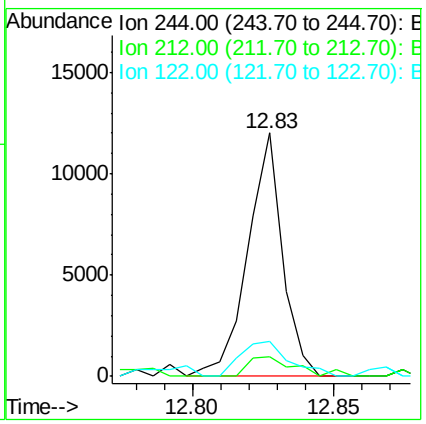


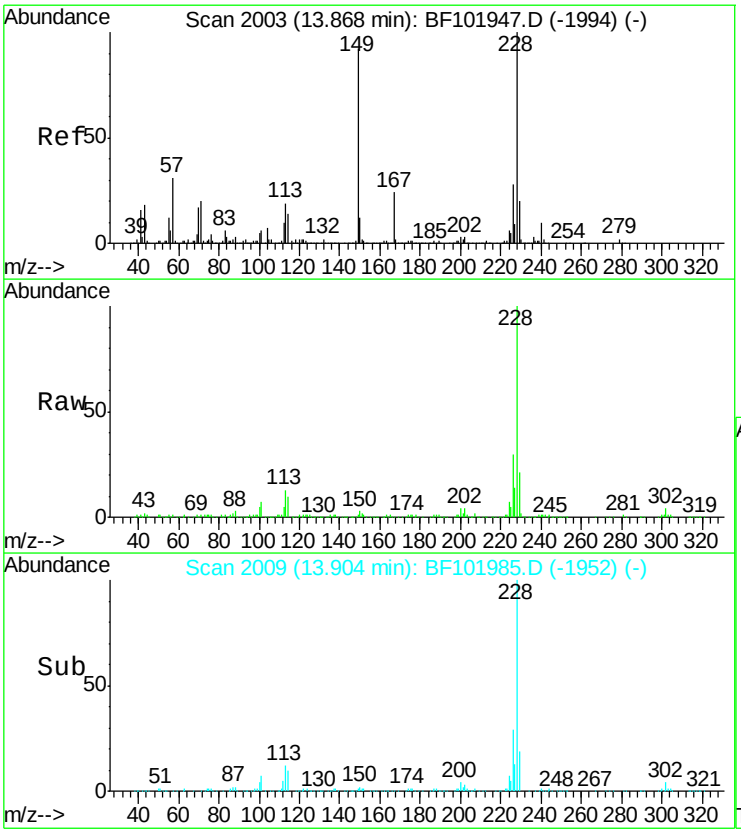
#78
Terphenyl-d14
Concen: 0.640 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:244 Resp: 10228

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	14.2	11.0	16.4

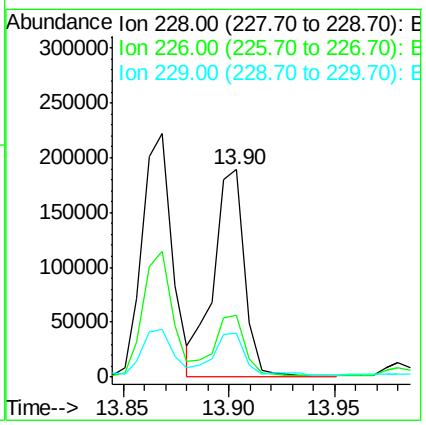


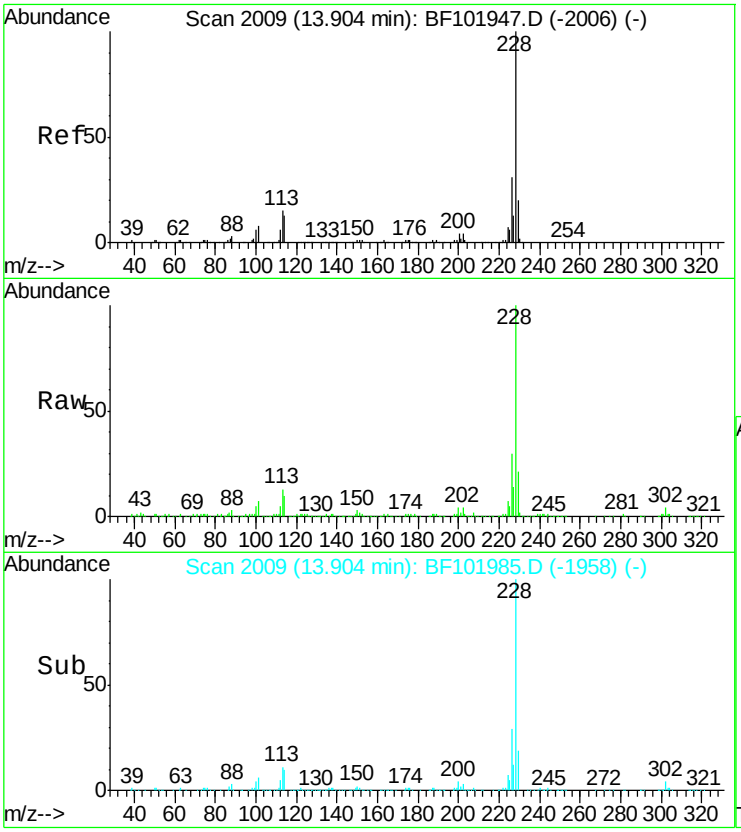


#80
Benzo(a)anthracene
Concen: 9.043 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:228 Resp: 191306

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.9	15.8	23.6



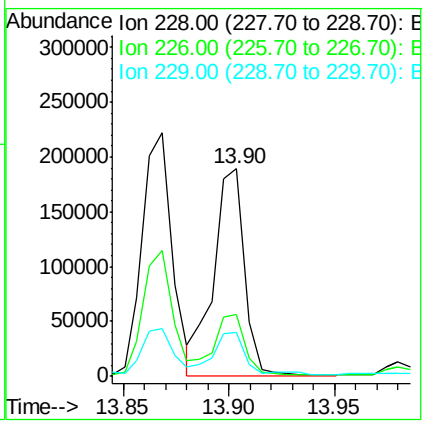


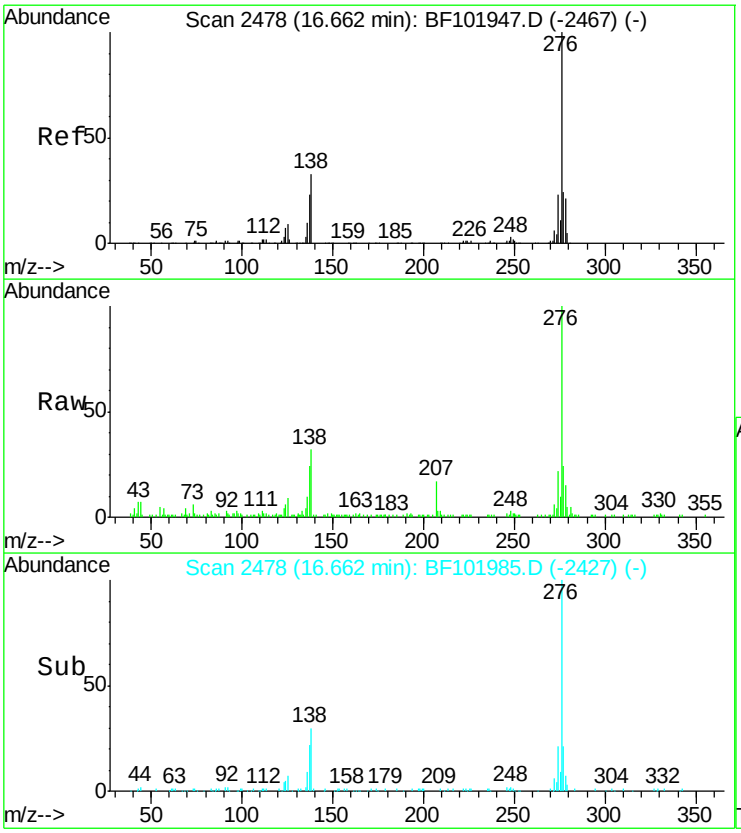
#82
Chrysene
Concen: 8.673 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:228 Resp: 191306

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.9	16.2	24.4

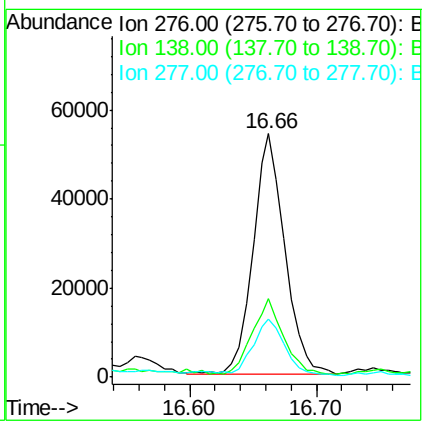


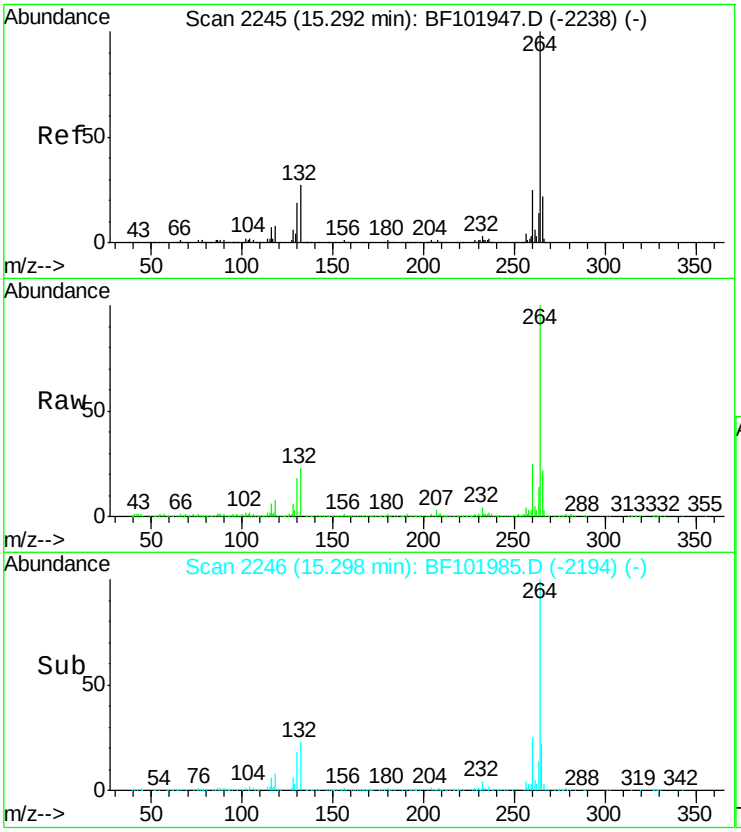


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.824 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:276 Resp: 93509

Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	23.8	20.1	30.1



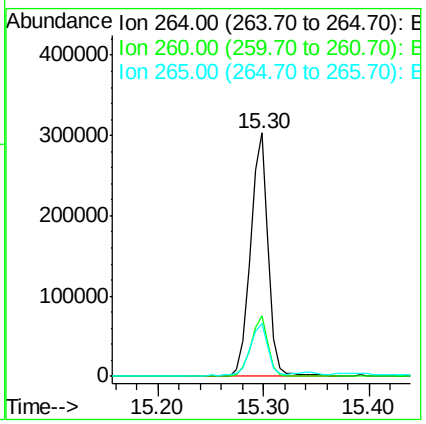


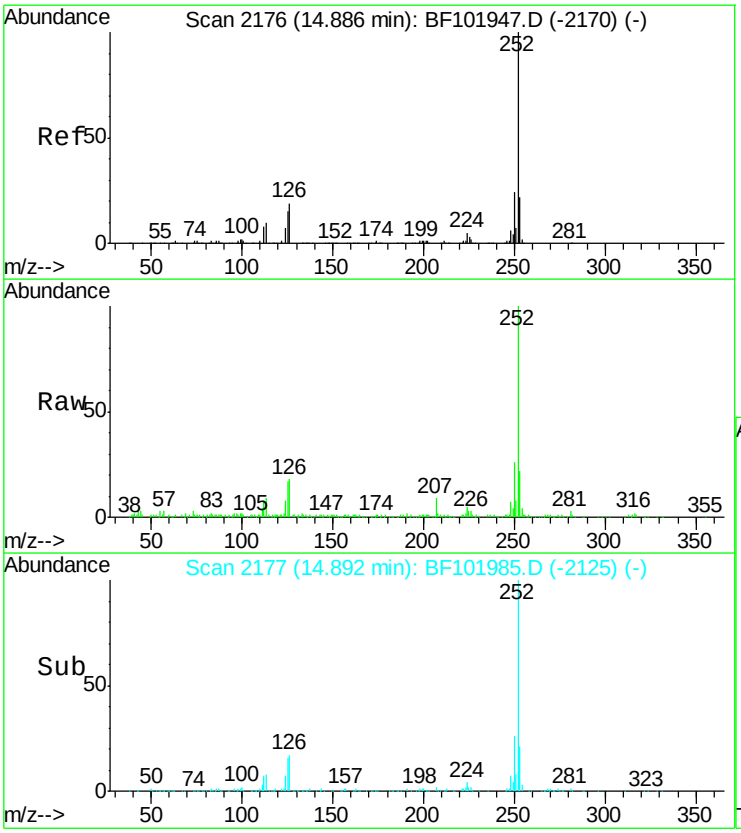
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:264 Resp: 356267

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.8	17.5	26.3

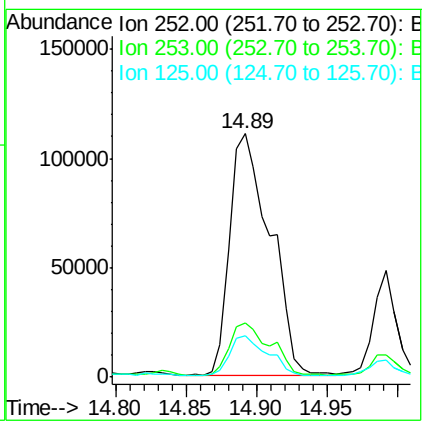


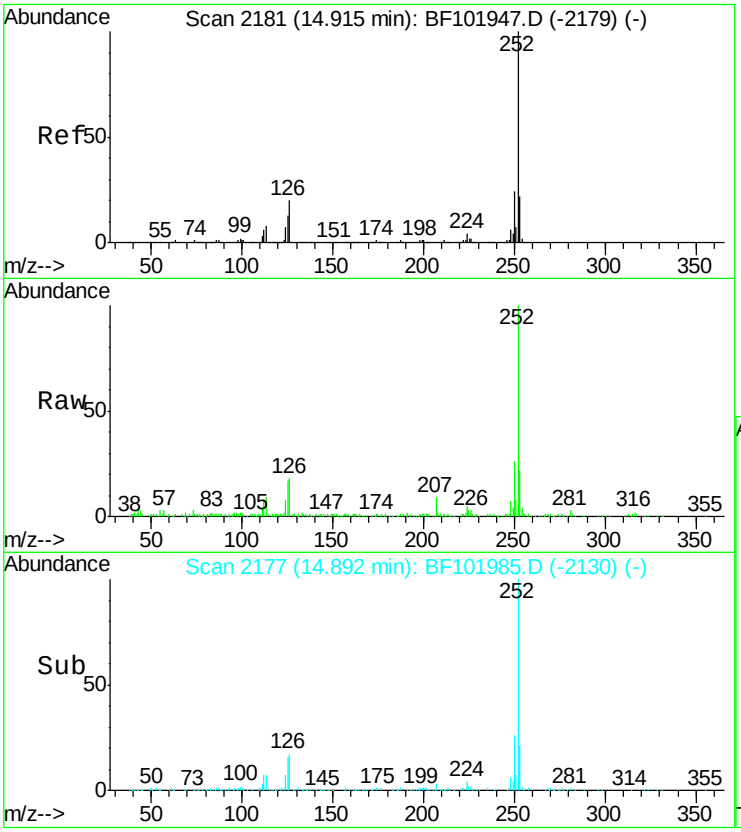


#87
Benzo(b)fluoranthene
Concen: 9.494 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:252 Resp: 220541

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	16.9	9.0	13.6#



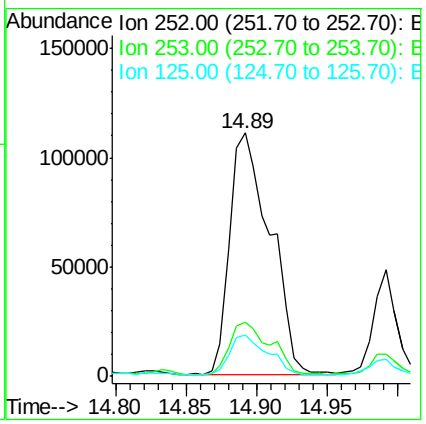


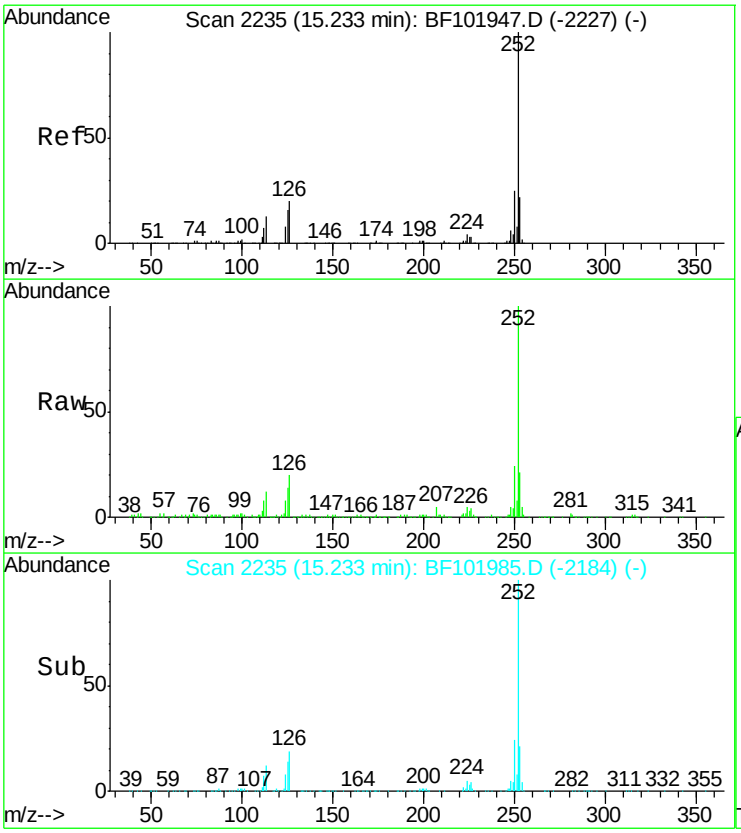
#88
Benzo(k)fluoranthene
Concen: 9.842 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:252 Resp: 220541

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	16.9	10.2	15.2#

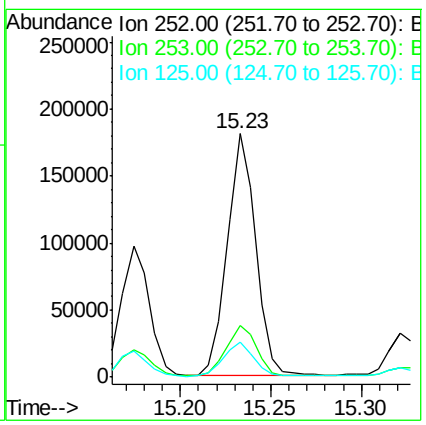


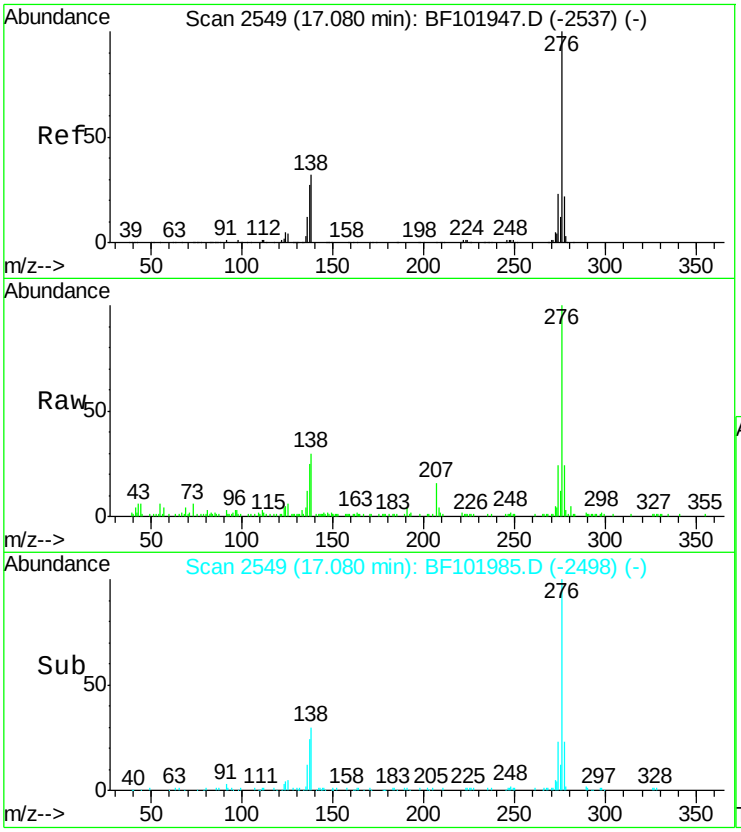


#89
Benzo(a)pyrene
Concen: 9.450 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Tgt Ion:252 Resp: 197531

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	14.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.352 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF101985.D
Acq: 10 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

Tgt Ion:276 Resp: 106737

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	30.4	21.8	32.8