Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102216.D
Acq On : 19 Jan 2018 12:24
Operator : SJ/JU
Sample : J1200-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2_SB74_BOT-S_10

Quant Time: Jan 19 13:31:32 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139396	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	574645	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	256412	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	411979	20.00	ng		0.00
75) Chrysene-d12	13.88	240	285326	20.00	ng		0.00
86) Perylene-d12	15.30	264	250495	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	793515	80.38	ng		0.01
7) Phenol-d6	6.36	99	946897	80.40	ng		0.00
23) Nitrobenzene-d5	7.29	82	575238	58.82	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	181494	81.11	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	711142	43.33	ng		0.00
78) Terphenyl-d14	12.83	244	509941	37.11	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	40715	3.059	ng		81
19) n-Nitroso-di-n-propylamine	7.29	70	75742	9.813	ng	#	81
25) Isophorone	7.29	82	571362	29.570	ng	#	64
31) Naphthalene	8.03	128	1709275	59.527	ng		99
33) 4-Chloroaniline	8.03	127	233999	19.093	ng	#	34
37) 2-Methylnaphthalene	8.72	142	179102	9.475	ng		98
45) 1,1'-Biphenyl	9.18	154	67793	2.991	ng		95
48) Acenaphthylene	9.62	152	264752	9.492	ng		100
49) Dimethylphthalate	9.47	163	134684	6.548	ng		99
51) Acenaphthene	9.79	154	214230	12.655	ng		98
54) Dibenzofuran	9.96	168	303566	13.066	ng		99
55) 4-Nitrophenol	9.96	139	115716	29.944	ng	#	10
57) Fluorene	10.30	166	368285	22.930	ng		99
64) 4,6-Dinitro-2-methylphenol	10.54	198	131	5.714	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	12095	2.780	ng	#	1
70) Phenanthrene	11.27	178	1242202	51.619	ng		100
71) Anthracene	11.32	178	409236	16.768	ng		99
72) Carbazole	11.47	167	173331	7.225	ng		98
74) Fluoranthene	12.46	202	1012895	42.780	ng		97
77) Pyrene	12.69	202	789799	31.315	ng		99
80) Benzo(a)anthracene	13.90	228	318828	17.514	ng		95
82) Chrysene	13.90	228	318828	16.796	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	138515	10.026	ng		96
87) Benzo(b)fluoranthene	14.89	252	514493	31.500	ng		98
88) Benzo(k)fluoranthene	14.89	252	514493	32.654	ng		99
89) Benzo(a)pyrene	15.24	252	281013	19.120	ng		95
90) Dibenzo(a,h)anthracene	16.68	278	34121	2.909	ng	#	87
91) Benzo(g,h,i)perylene	17.09	276	118170	10.002	ng		99

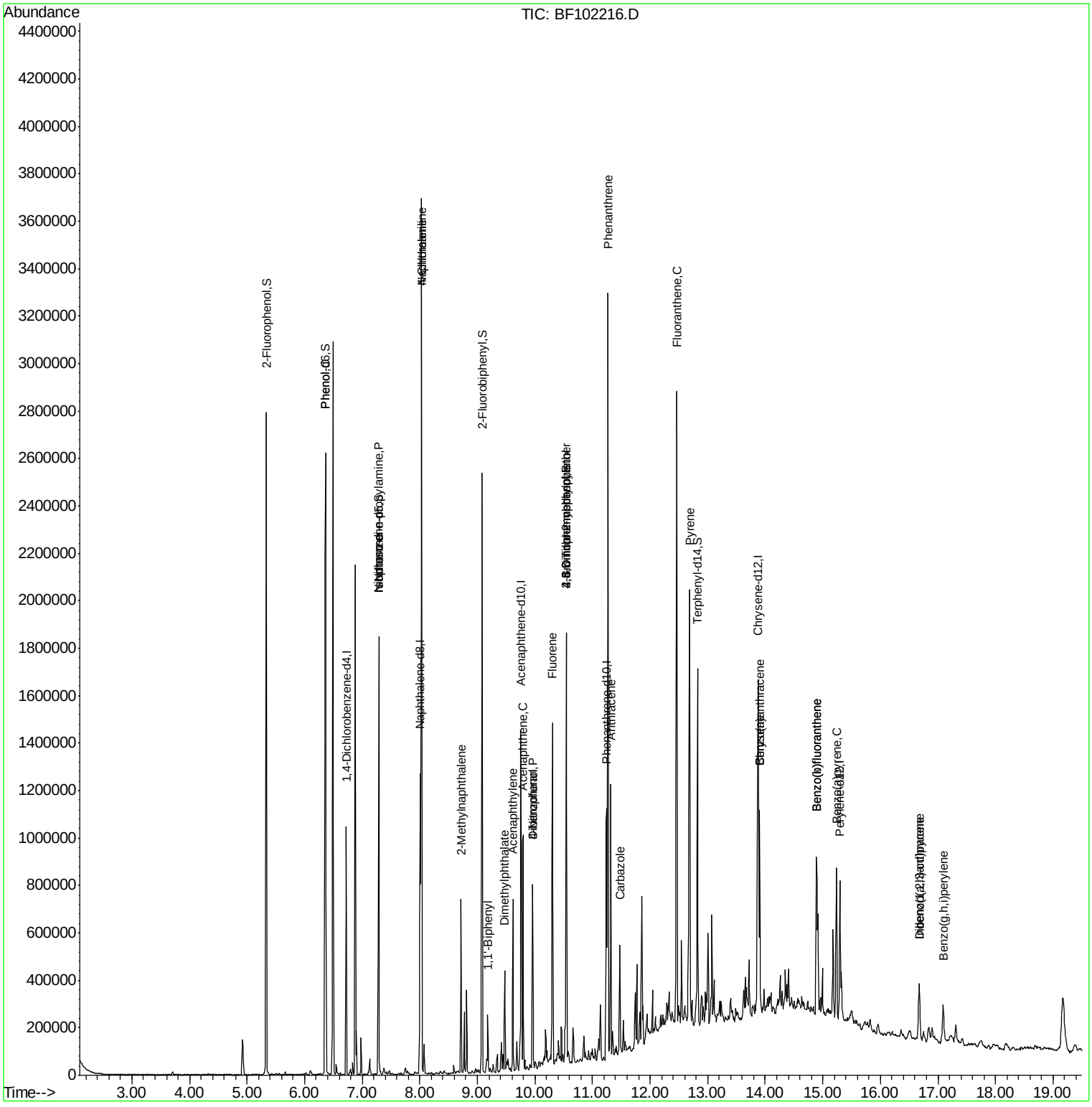
(#) = qualifier out of range (m) = manual integration (+) = signals summed

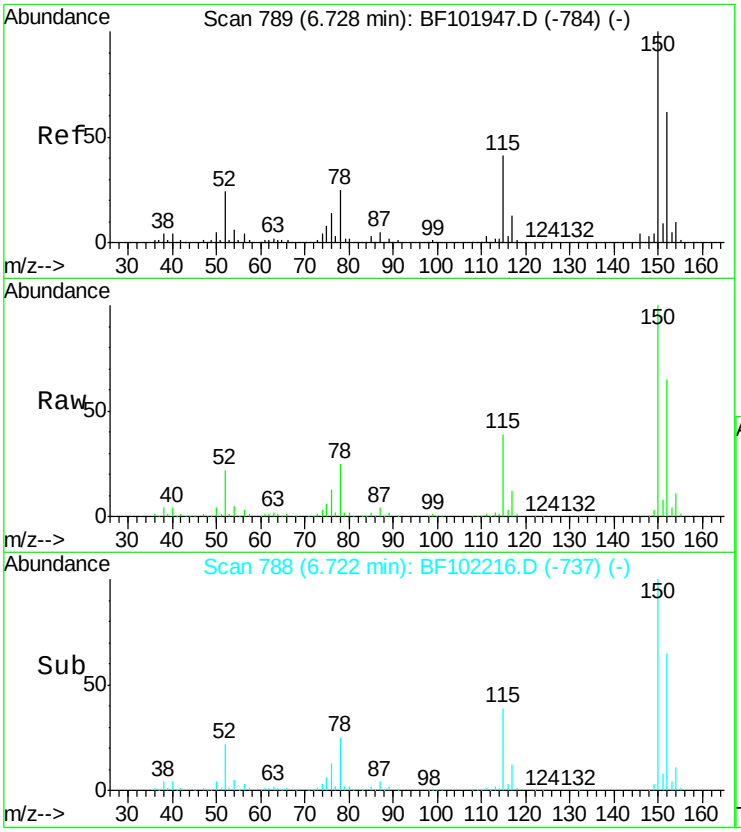
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102216.D
Acq On : 19 Jan 2018 12:24
Operator : SJ/JU
Sample : J1200-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Quant Time: Jan 19 13:31:32 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



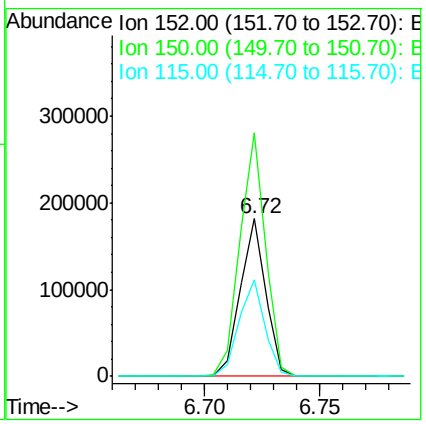


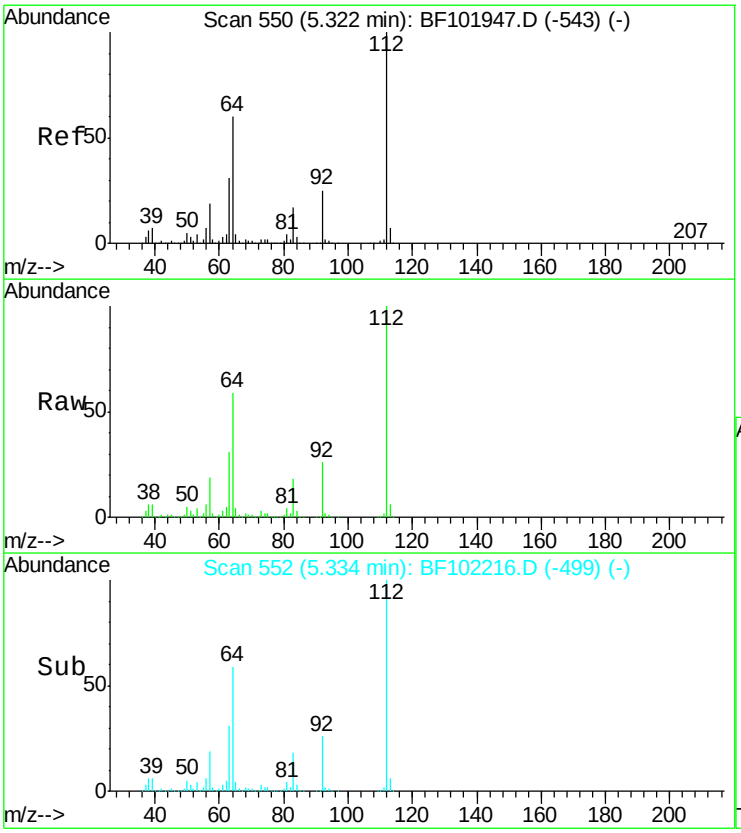
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:152 Resp: 139396

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.0	50.1	75.1

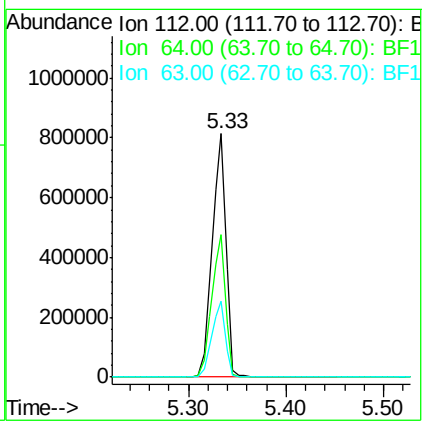


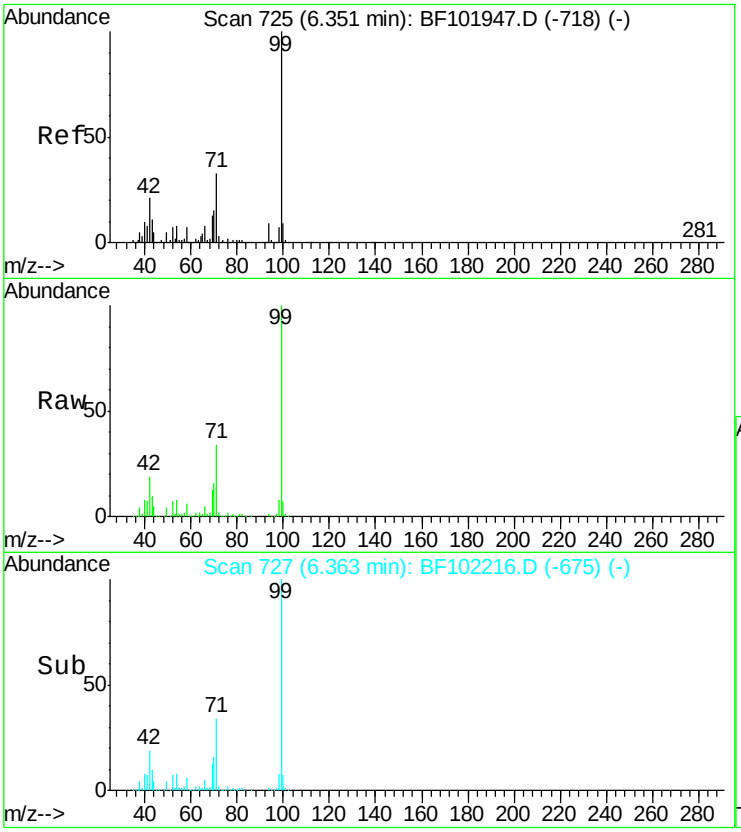


#5
2-Fluorophenol
Concen: 80.383 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:112 Resp: 793515

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.1	23.7	35.5



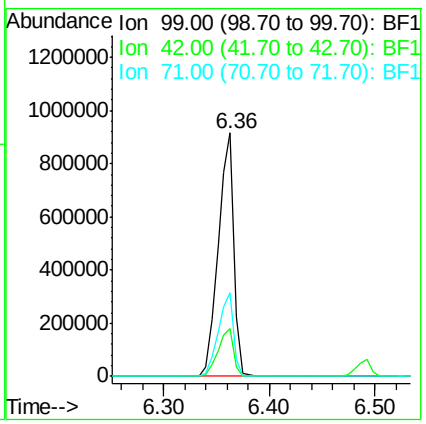


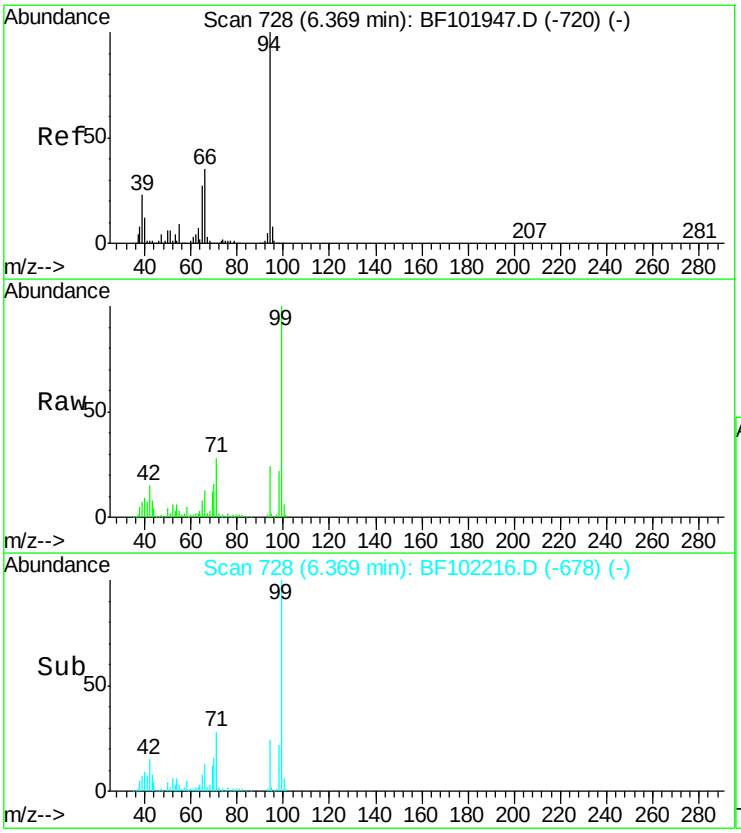
#7
Phenol-d6
Concen: 80.396 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion: 99 Resp: 946897

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.2	25.4	38.0

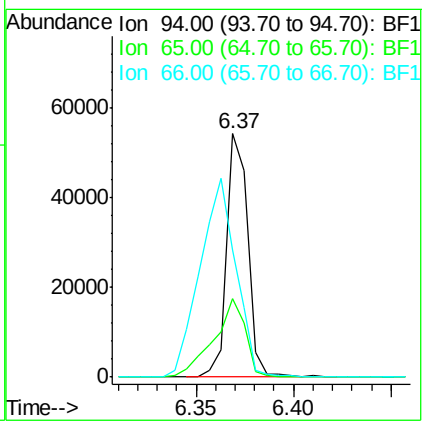


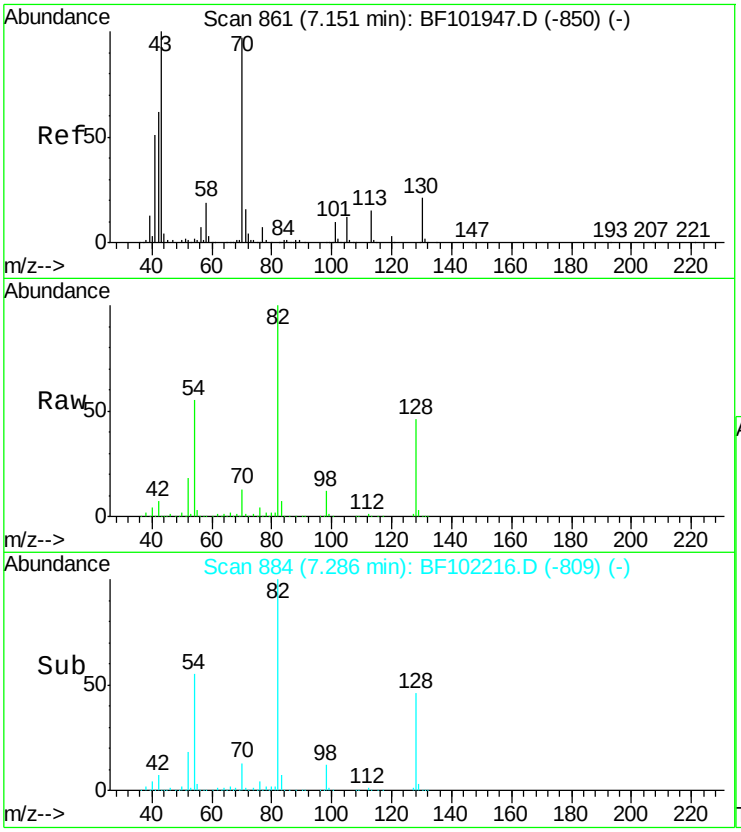


#10
Phenol
Concen: 3.059 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion: 94 Resp: 40715

Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	52.1	16.2	56.2



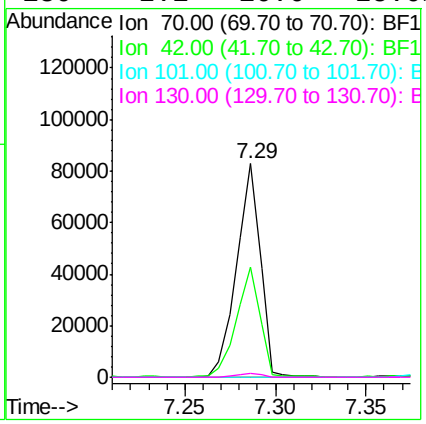


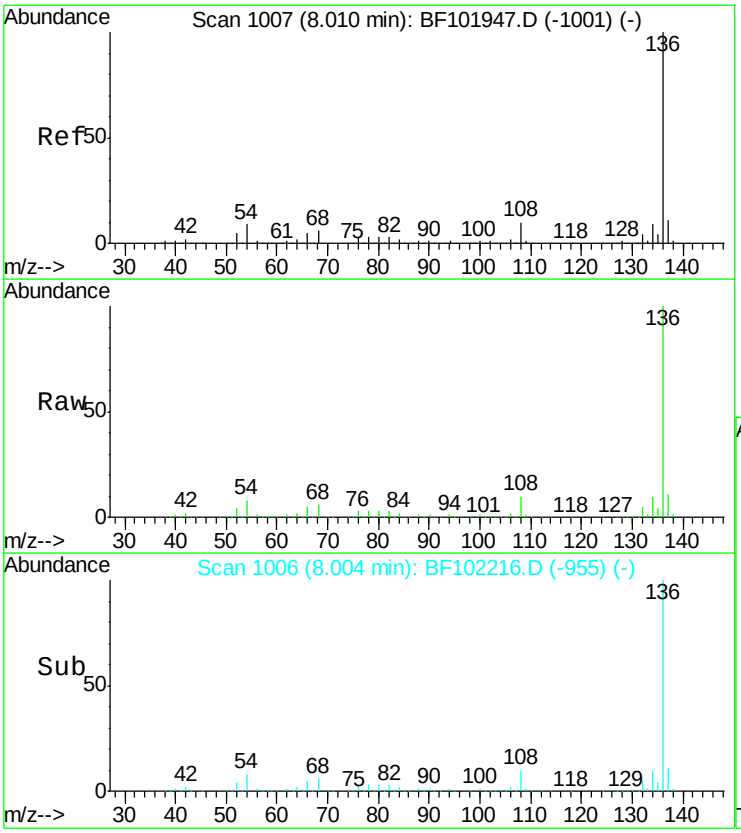
#19
n-Nitroso-di-n-propylamine
Concen: 9.813 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion: 70 Resp: 75742

Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

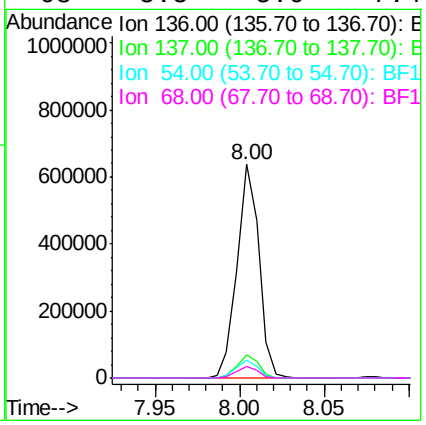


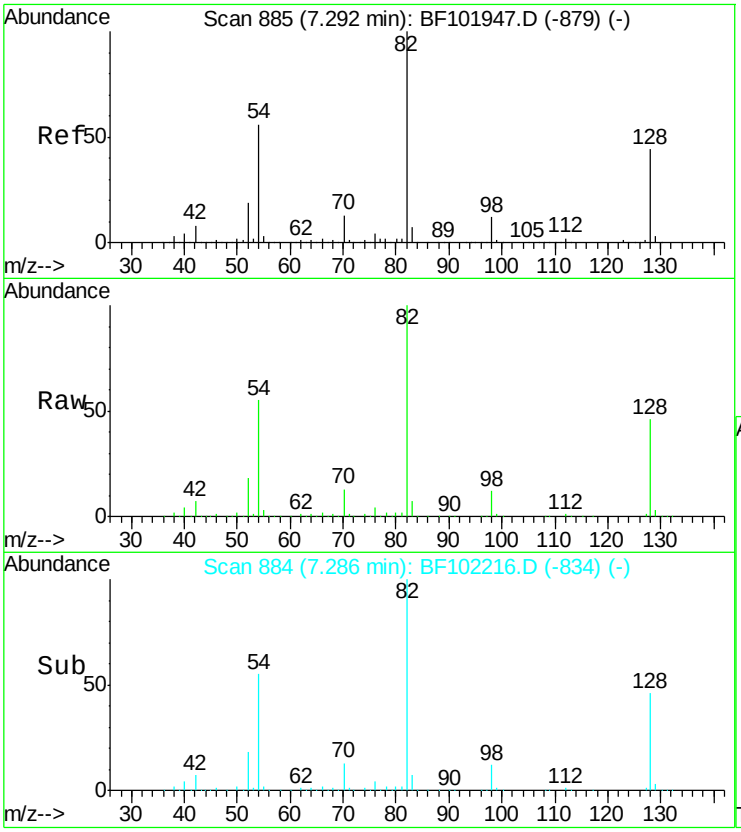


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:136 Resp: 574645

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.5	6.6	9.8
68	5.5	5.0	7.4



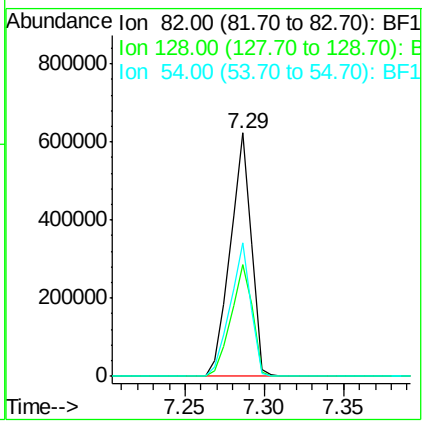


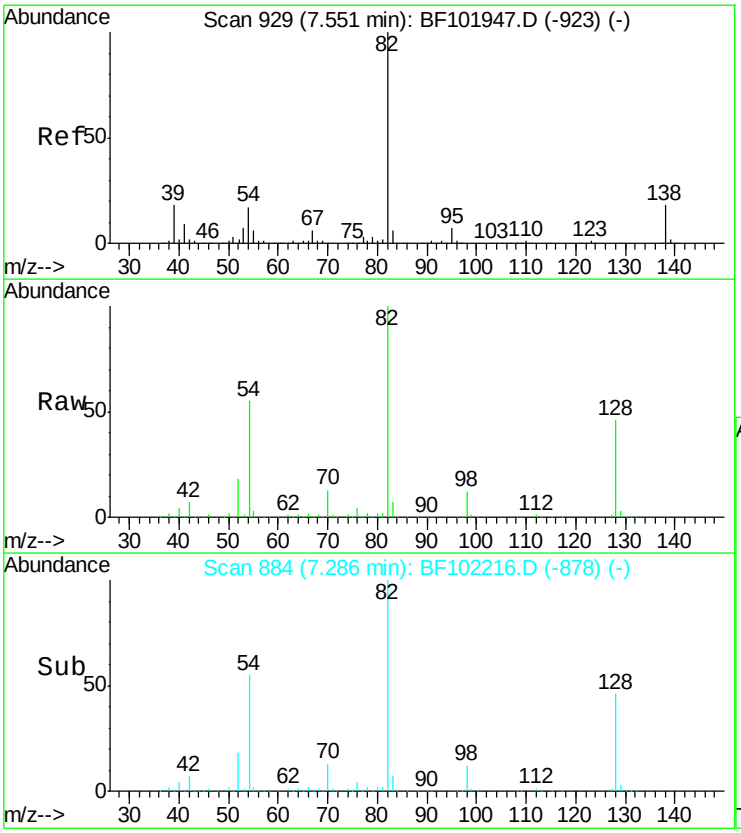
#23
Nitrobenzene-d5
Concen: 58.825 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion: 82 Resp: 575238

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	54.8	41.4	62.2

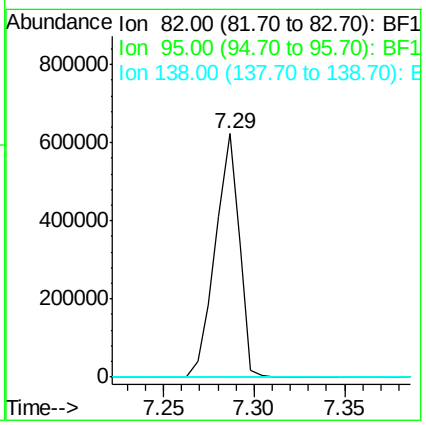


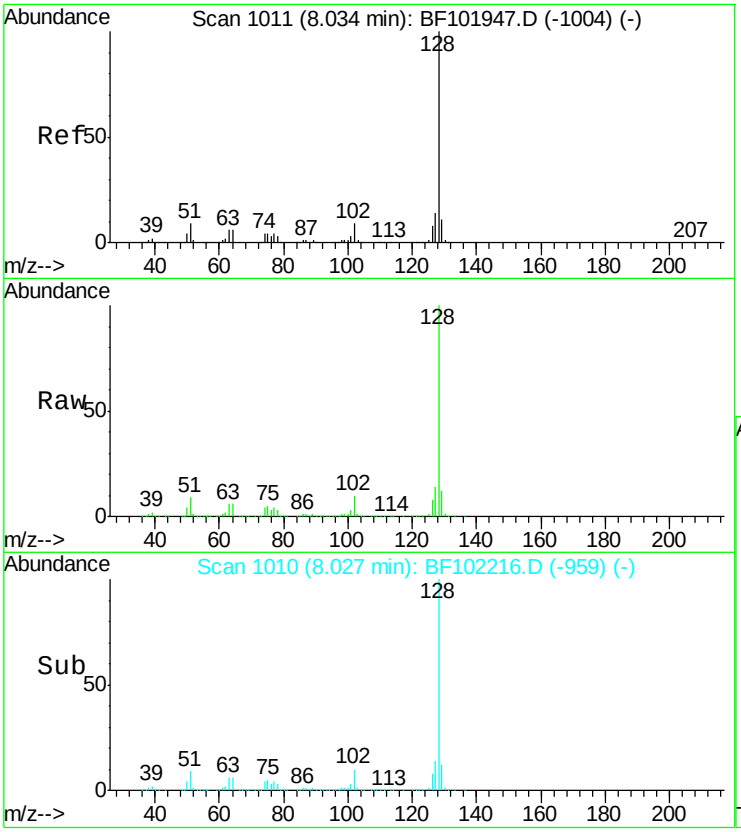


#25
Isophorone
Concen: 29.570 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion: 82 Resp: 571362

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



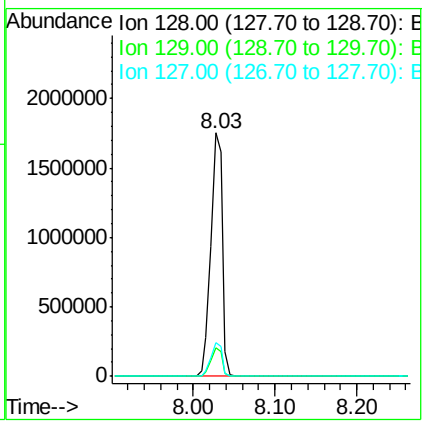


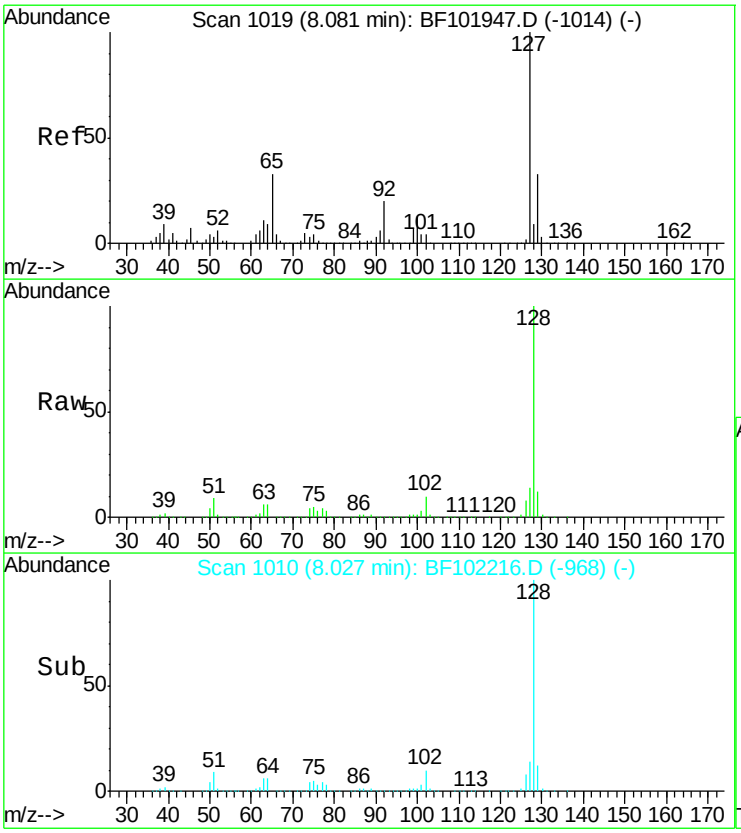
#31
Naphthalene
Concen: 59.527 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:128 Resp: 1709275

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.0	10.9	16.3

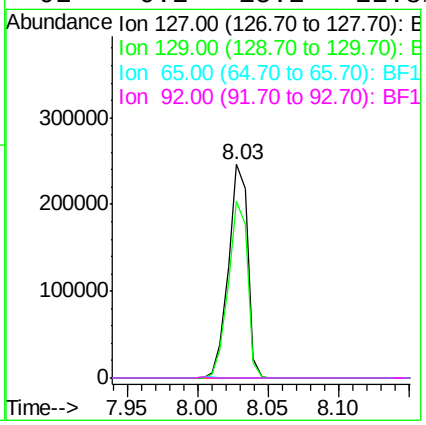


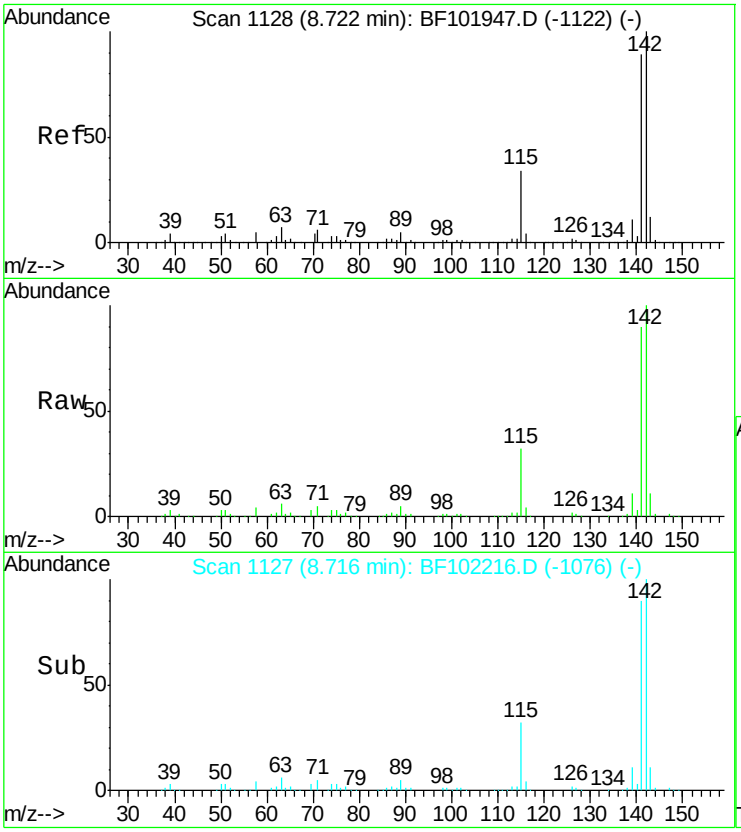


#33
4-Chloroaniline
Concen: 19.093 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:127 Resp: 233999

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.2	15.2	22.8#



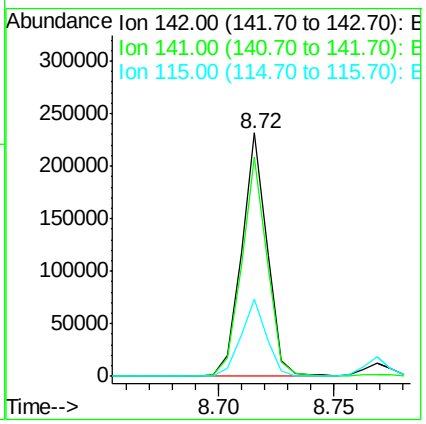


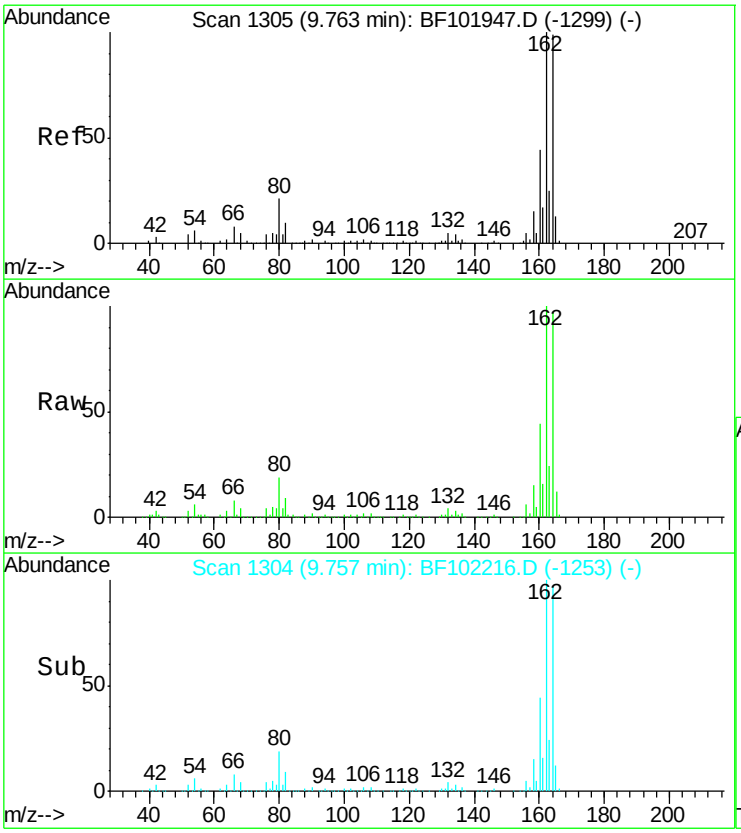
#37
2-Methylnaphthalene
Concen: 9.475 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:142 Resp: 179102

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	31.6	26.1	39.1

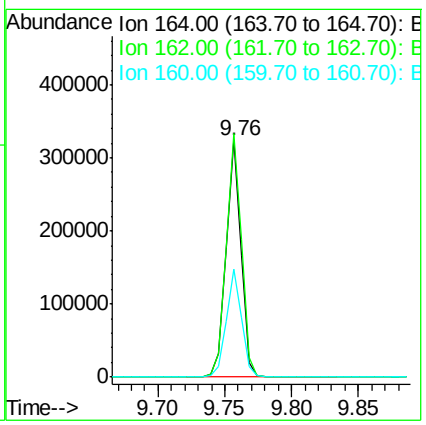


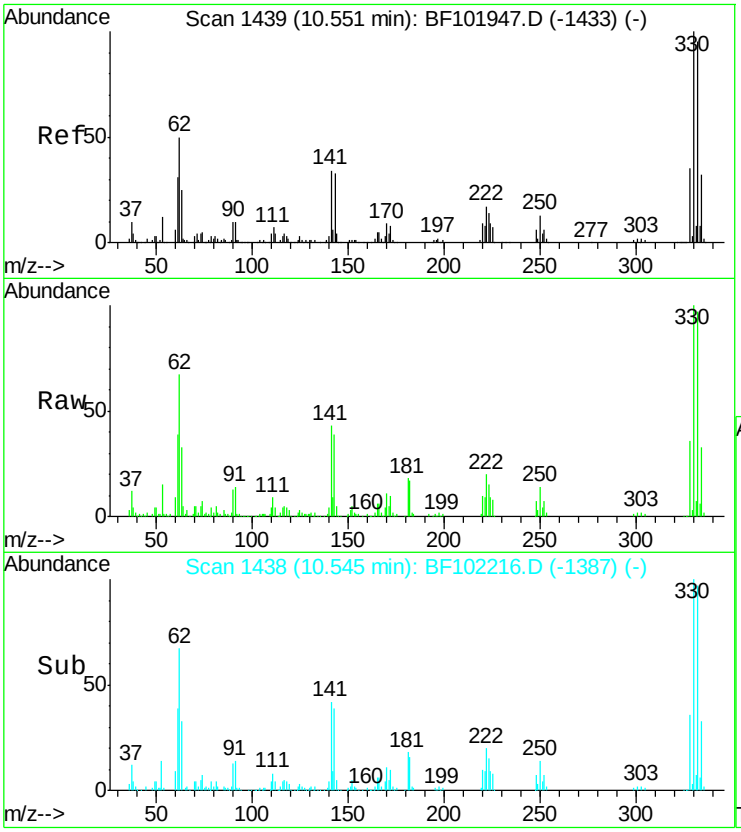


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:164 Resp: 256412

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.6	38.3	57.5



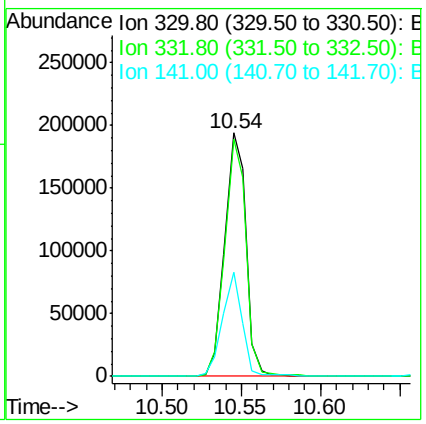


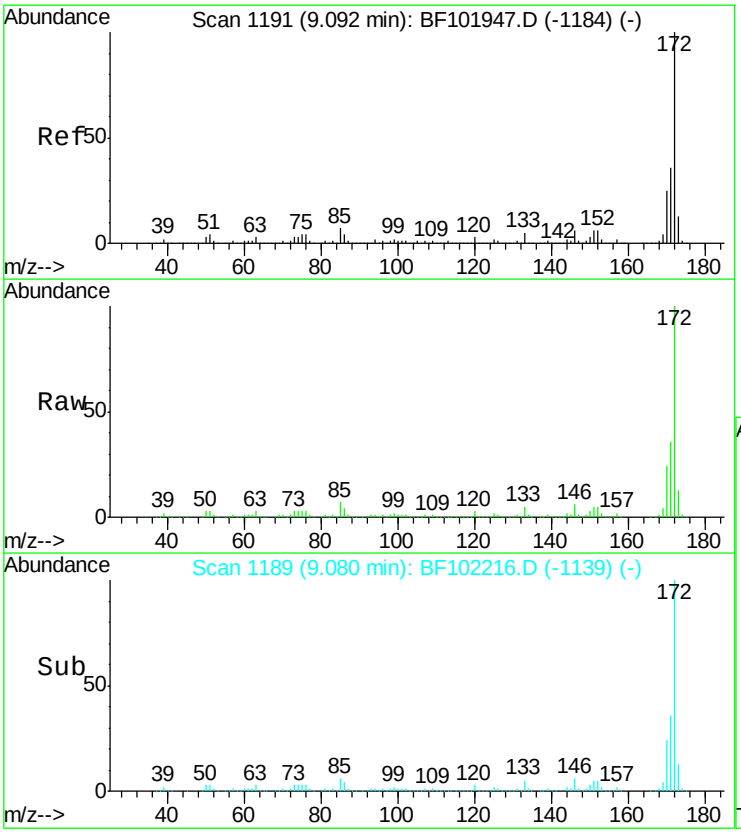
#41
2,4,6-Tribromophenol
Concen: 81.108 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:330 Resp: 181494

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.8	29.9	44.9

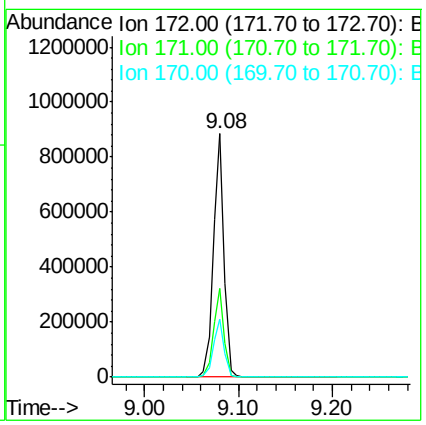


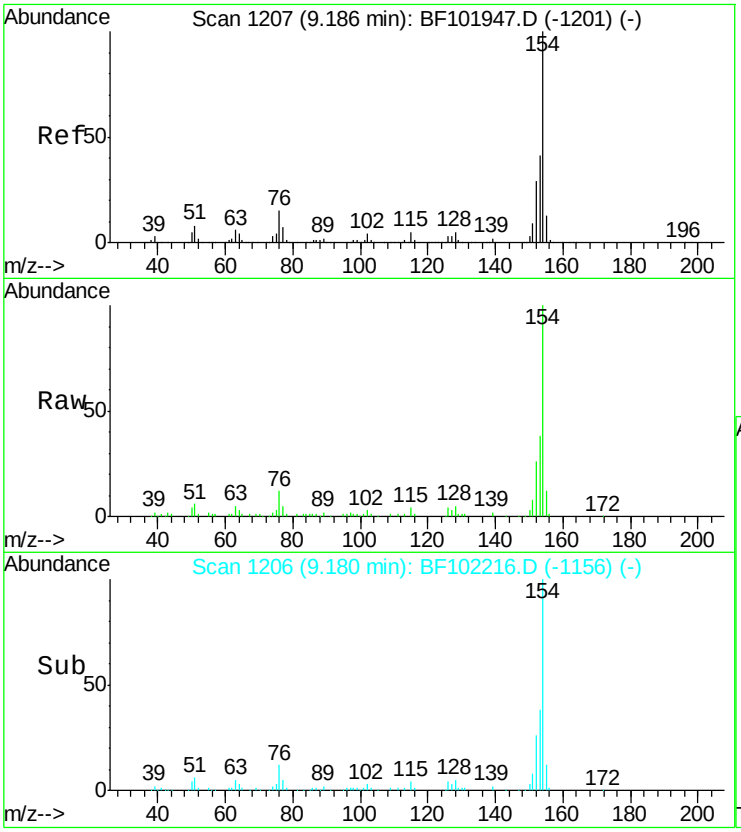


#44
2-Fluorobiphenyl
Concen: 43.329 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:172 Resp: 711142

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	19.6	29.4



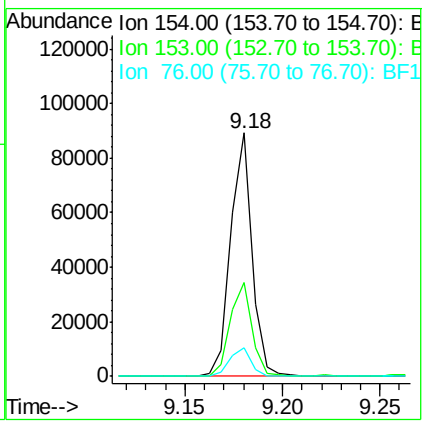


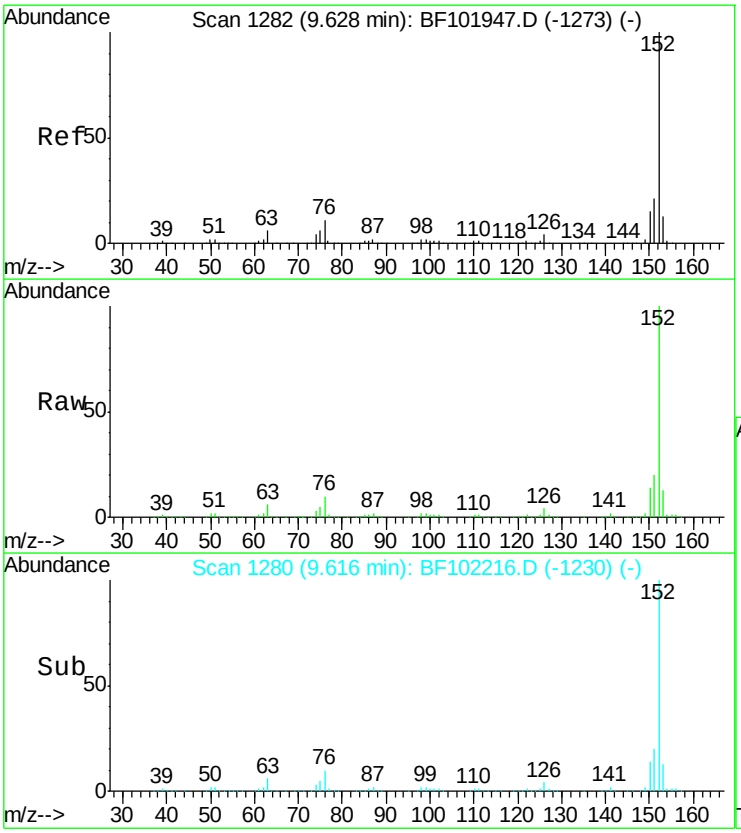
#45
1,1'-Biphenyl
Concen: 2.991 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:154 Resp: 67793

Ion	Ratio	Lower	Upper
154	100		
153	38.4	21.3	61.3
76	11.8	0.0	34.0

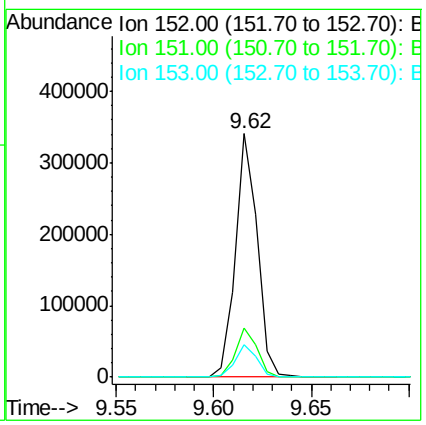


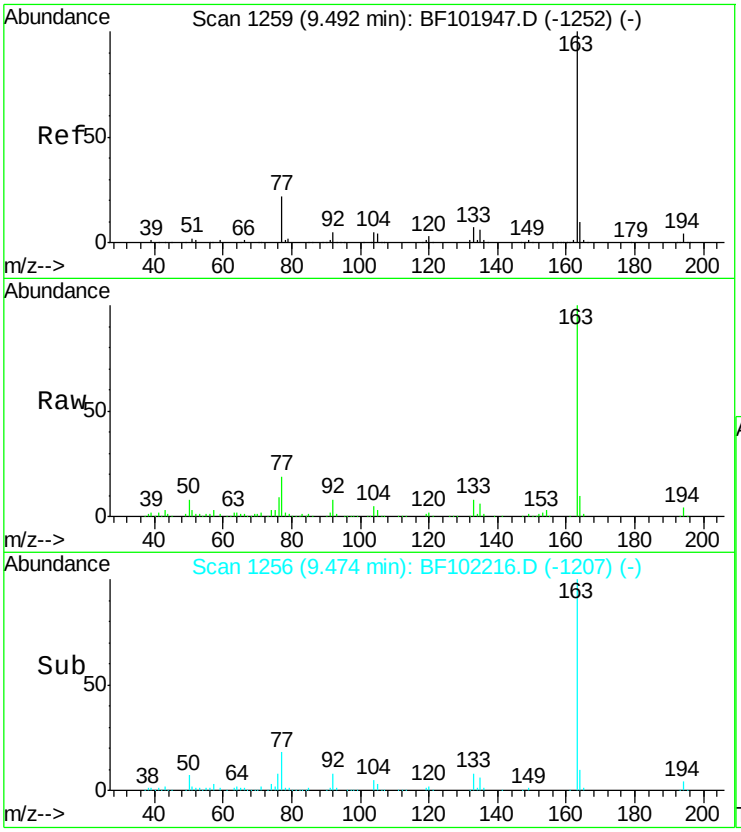


#48
Acenaphthylene
Concen: 9.492 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:152 Resp: 264752

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1



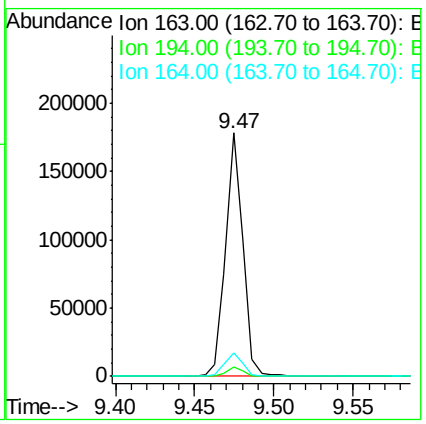


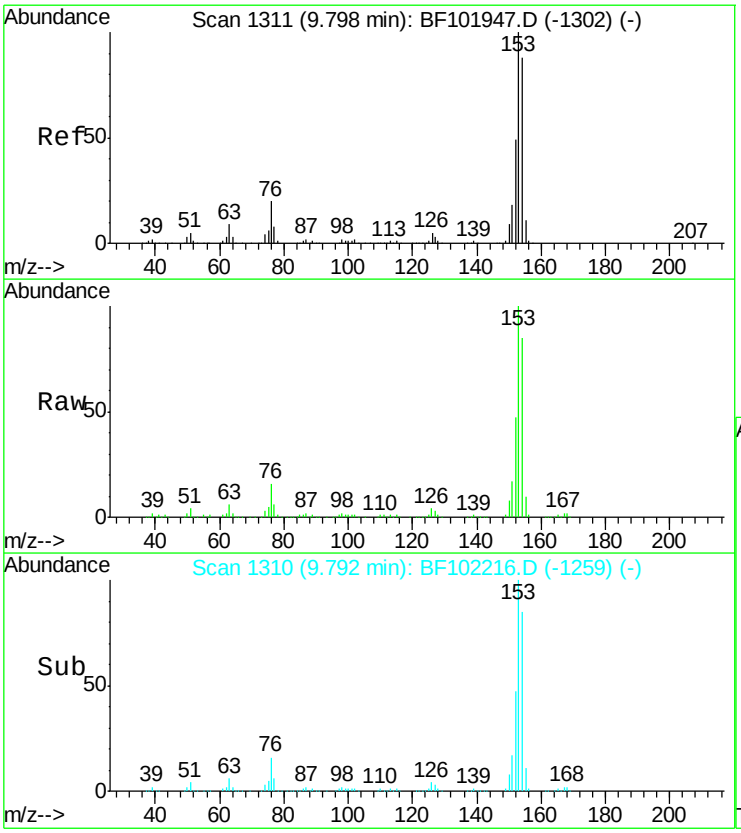
#49
Dimethylphthalate
Concen: 6.548 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:163 Resp: 134684

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

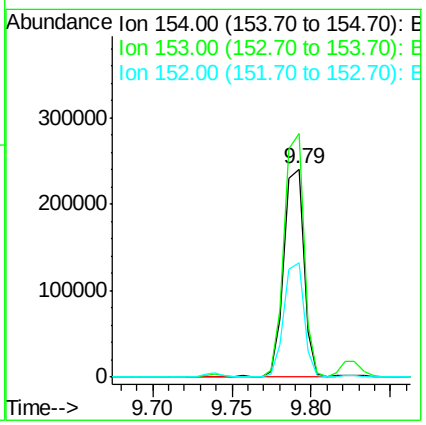


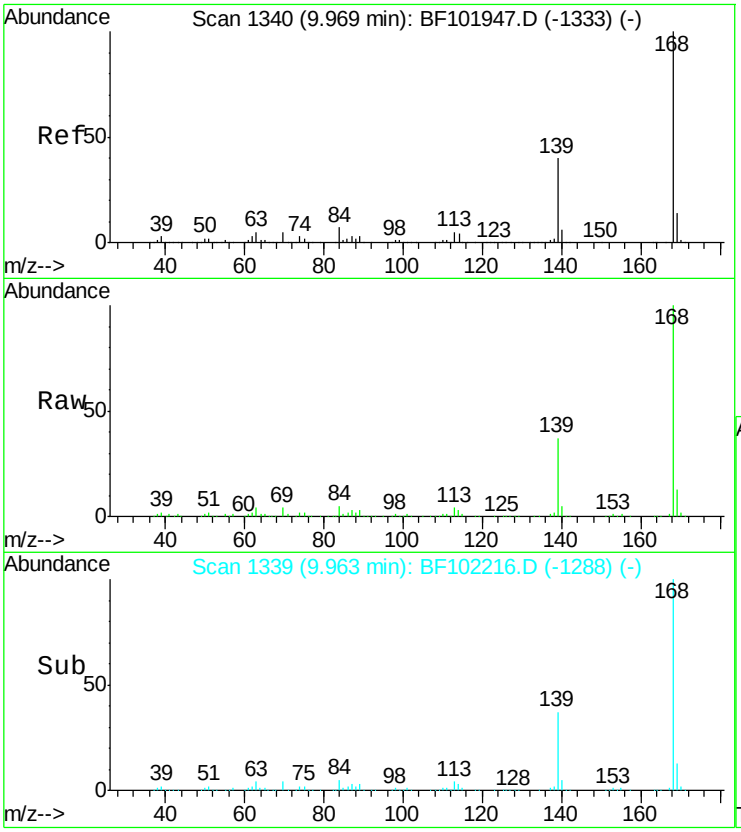


#51
Acenaphthene
Concen: 12.655 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:154 Resp: 214230

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.2	136.8
152	55.2	43.8	65.8



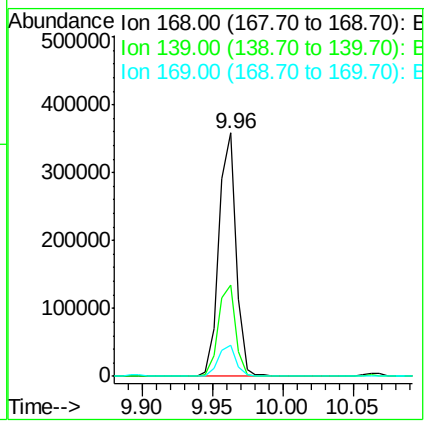


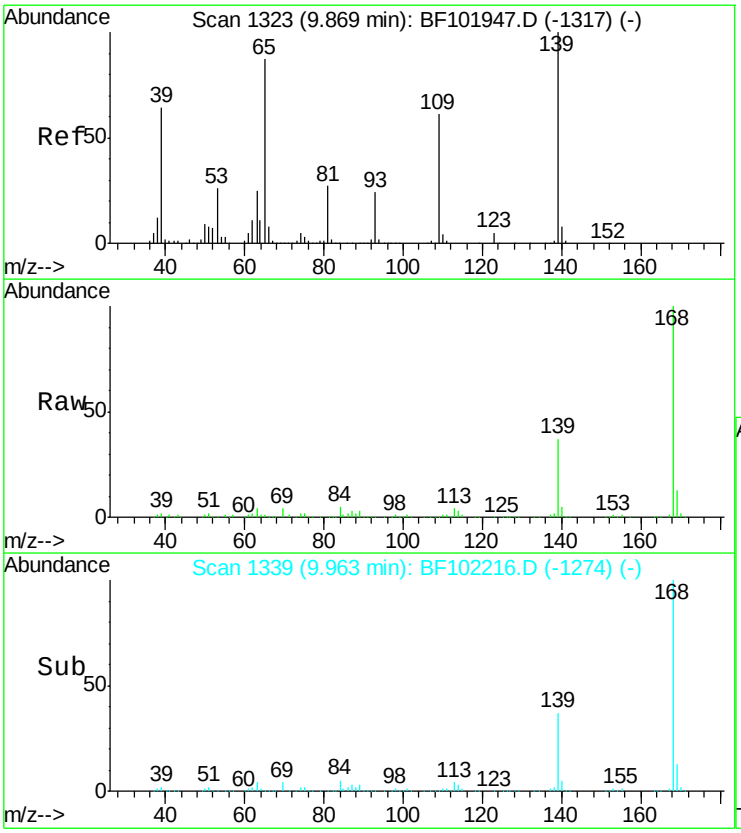
#54
Dibenzofuran
Concen: 13.066 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:168 Resp: 303566

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	12.8	10.9	16.3

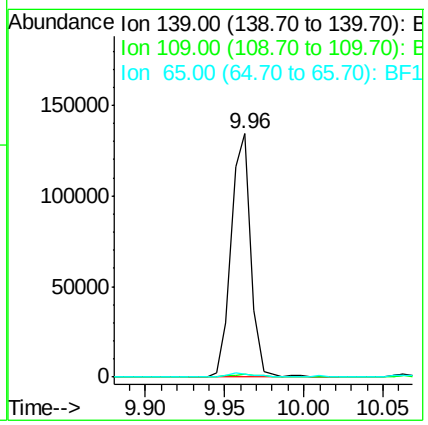


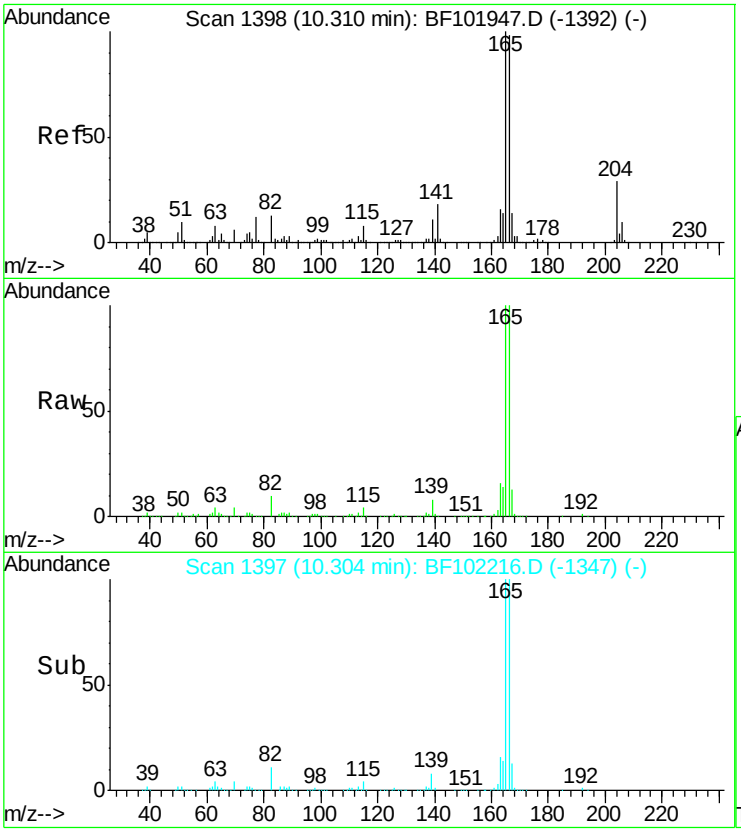


#55
4-Nitrophenol
Concen: 29.944 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.08 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:139 Resp: 115716

Ion	Ratio	Lower	Upper
139	100		
109	1.1	48.4	88.4#
65	1.4	72.6	112.6#



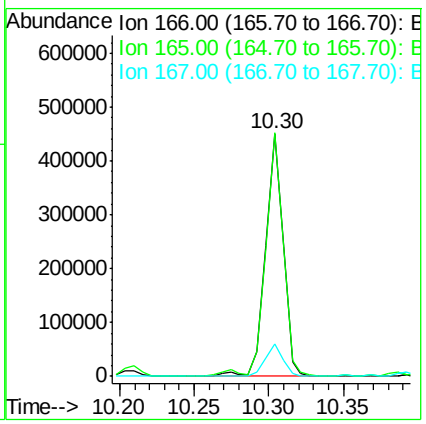


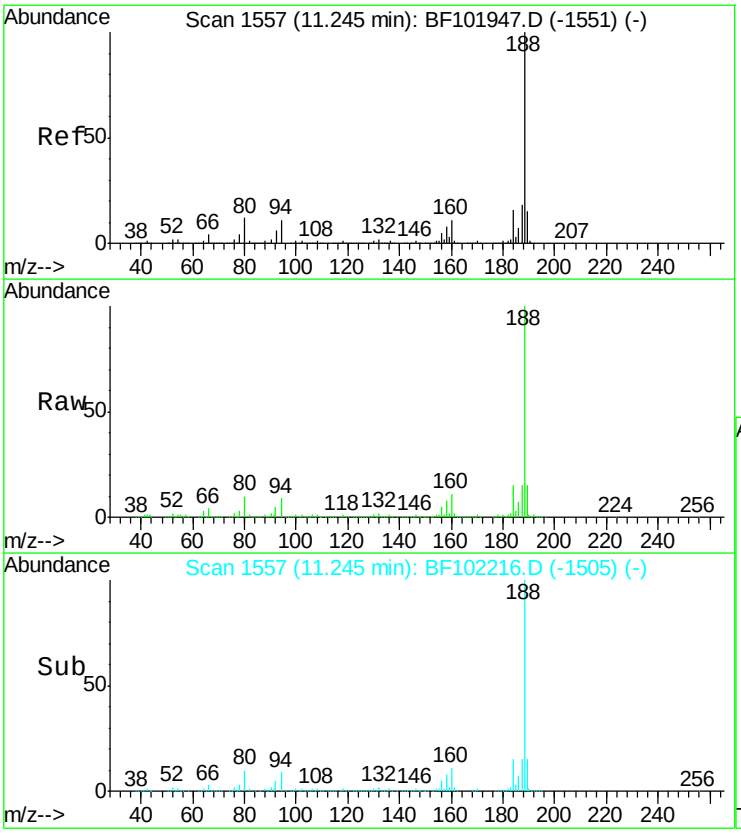
#57
Fluorene
Concen: 22.930 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:166 Resp: 368285

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	13.4	10.6	16.0

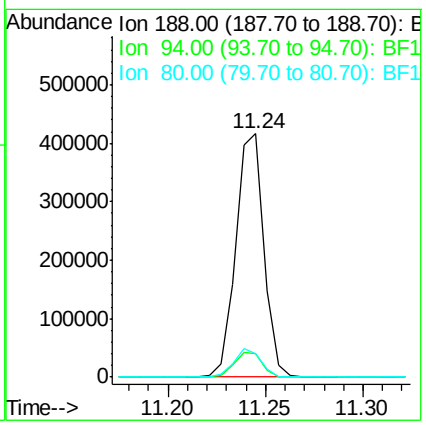


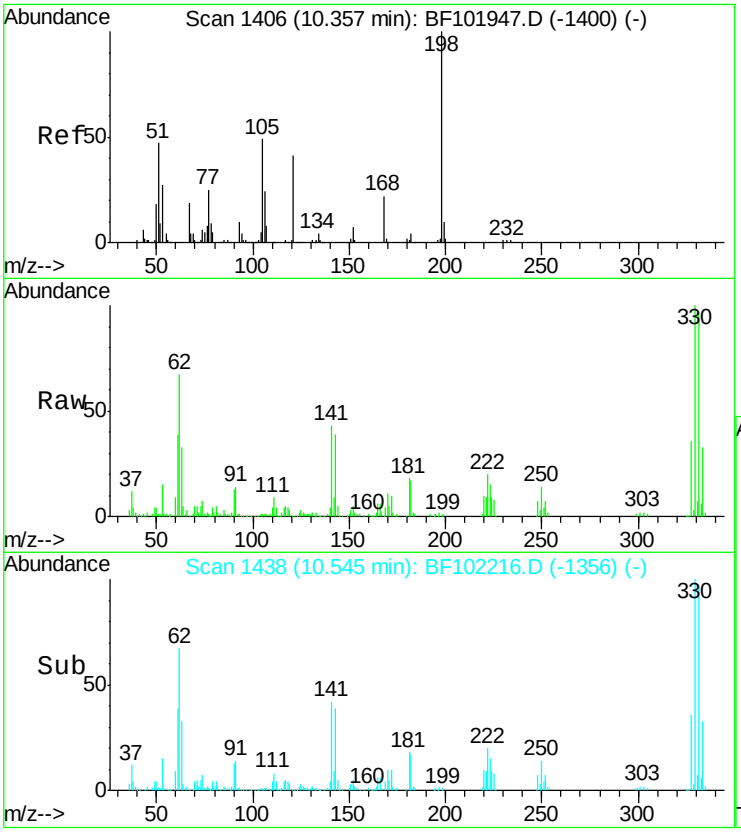


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:188 Resp: 411979

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.5	9.2	13.8



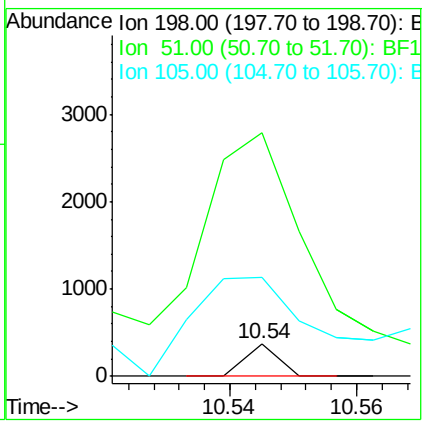


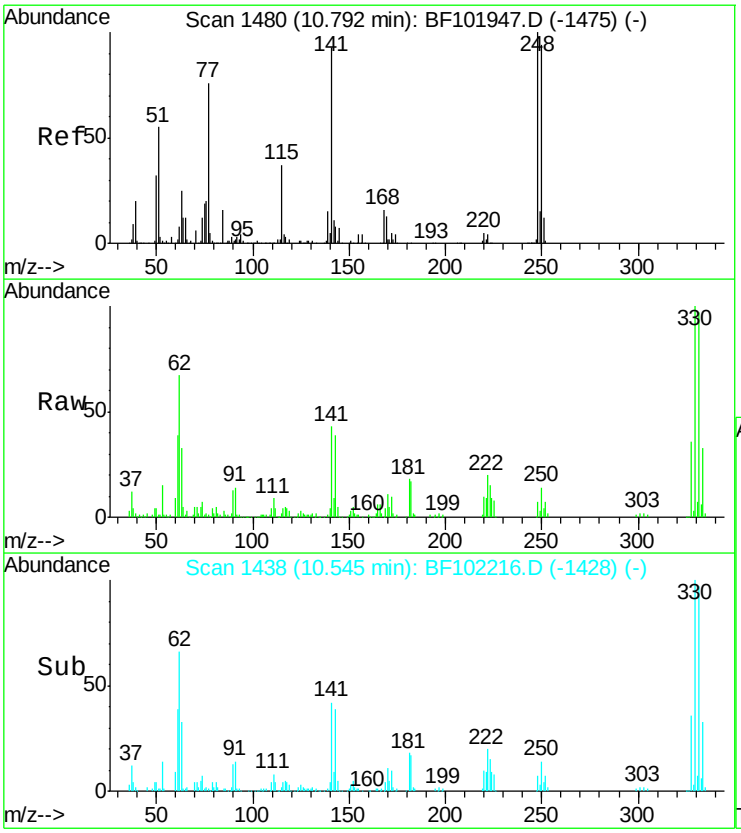
#64
4,6-Dinitro-2-methylphenol
Concen: 5.714 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	751.5	37.7	77.7#
105	307.0	36.3	76.3#

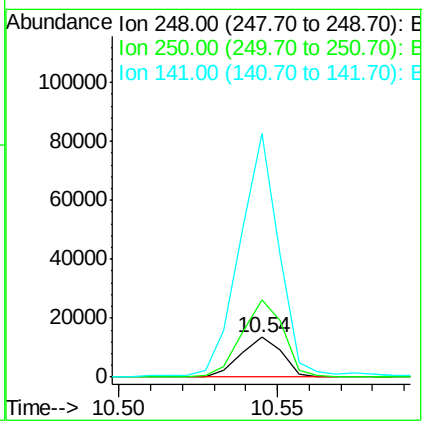


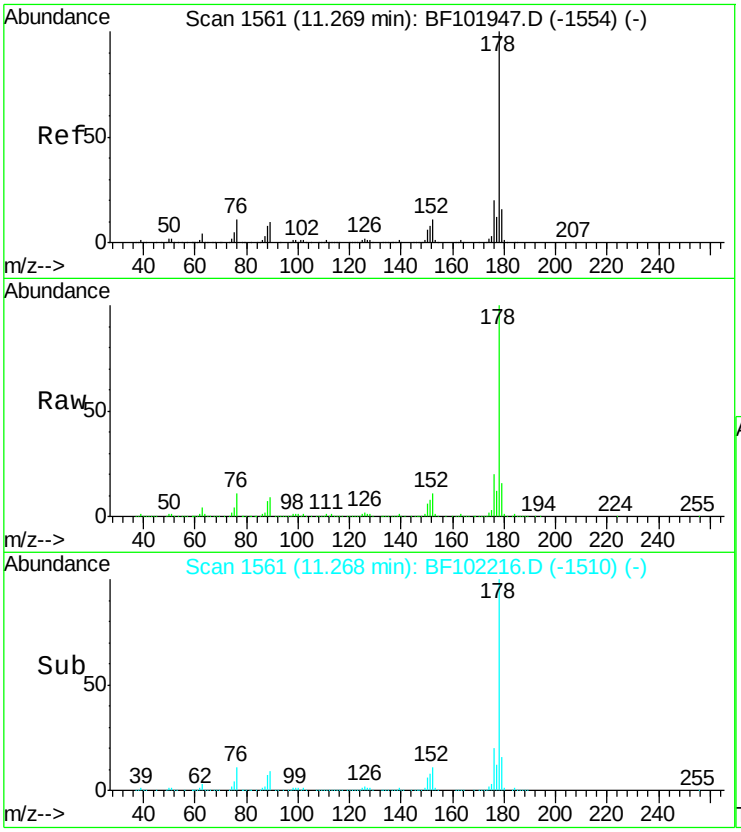


#66
4-Bromophenyl-phenylether
Concen: 2.780 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:248 Resp: 12095

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	613.6	74.4	111.6#



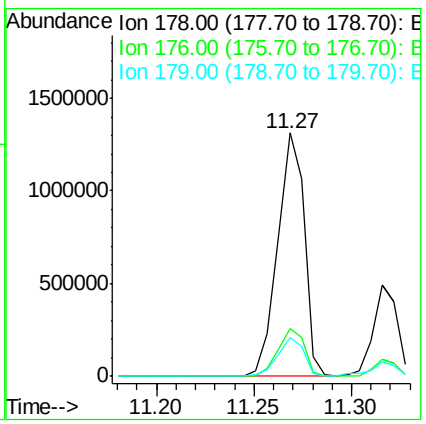


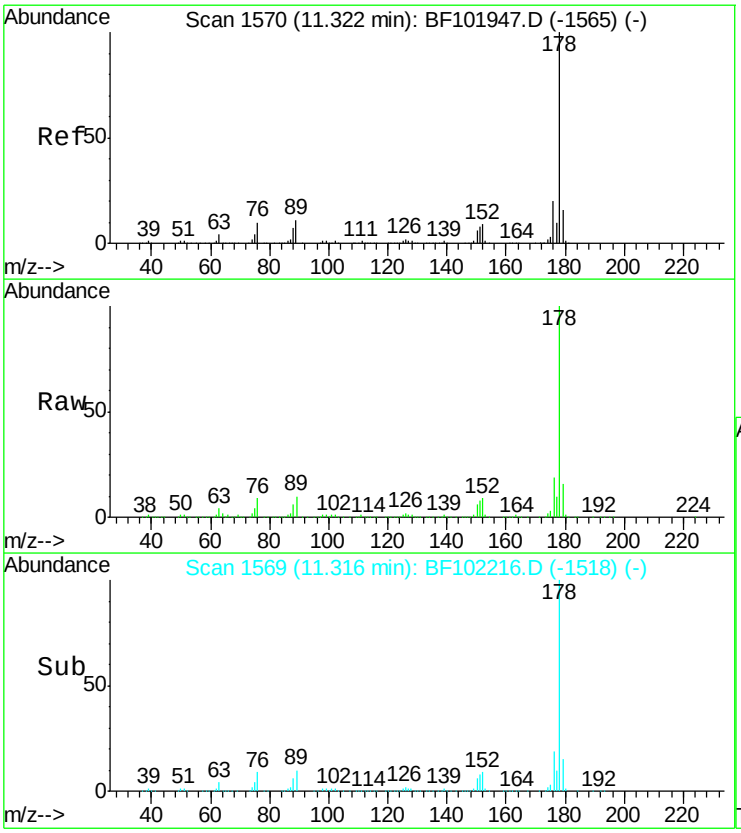
#70
Phenanthrene
Concen: 51.619 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:178 Resp: 1242202

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	13.0	19.6

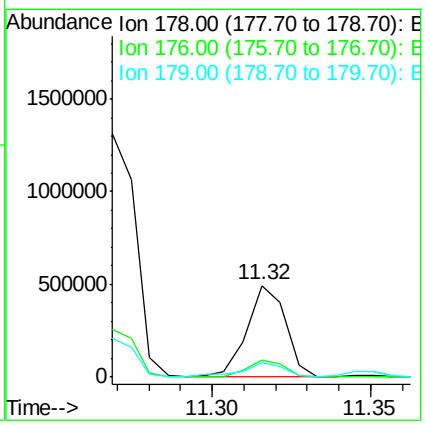


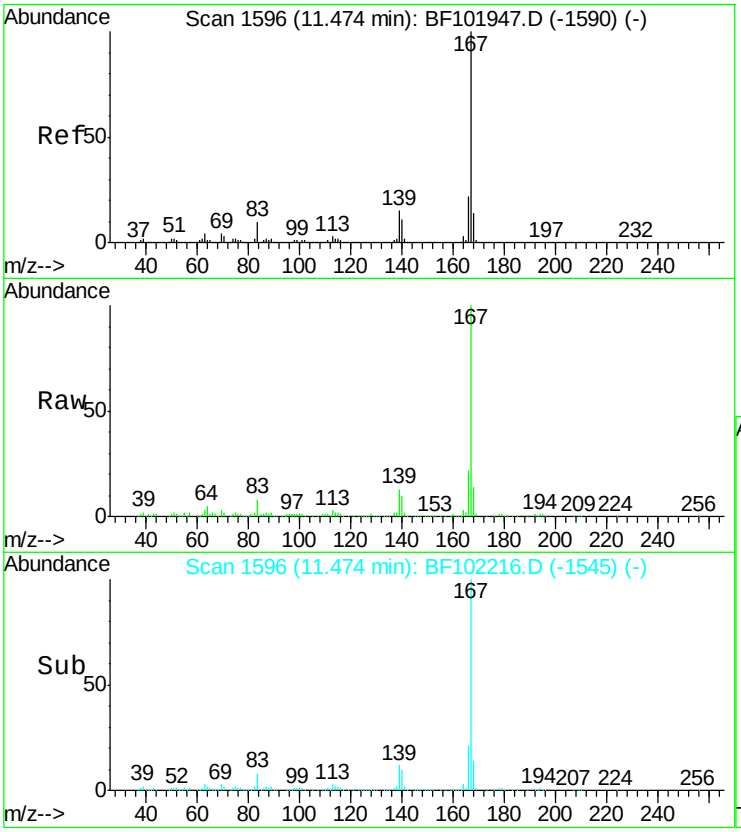


#71
Anthracene
Concen: 16.768 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:178 Resp: 409236

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0



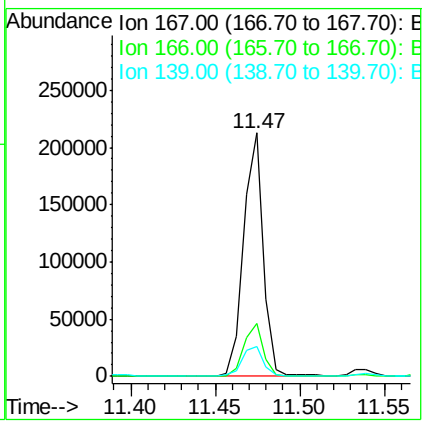


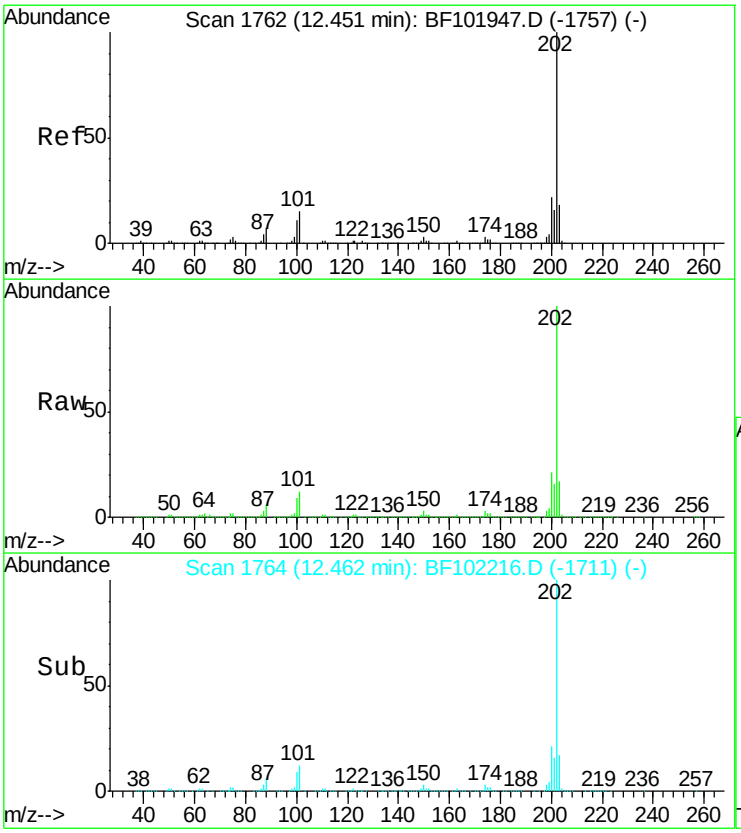
#72
Carbazole
Concen: 7.225 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:167 Resp: 173331

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.5	10.9	16.3

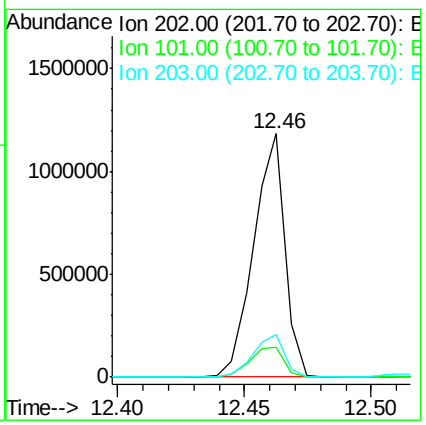


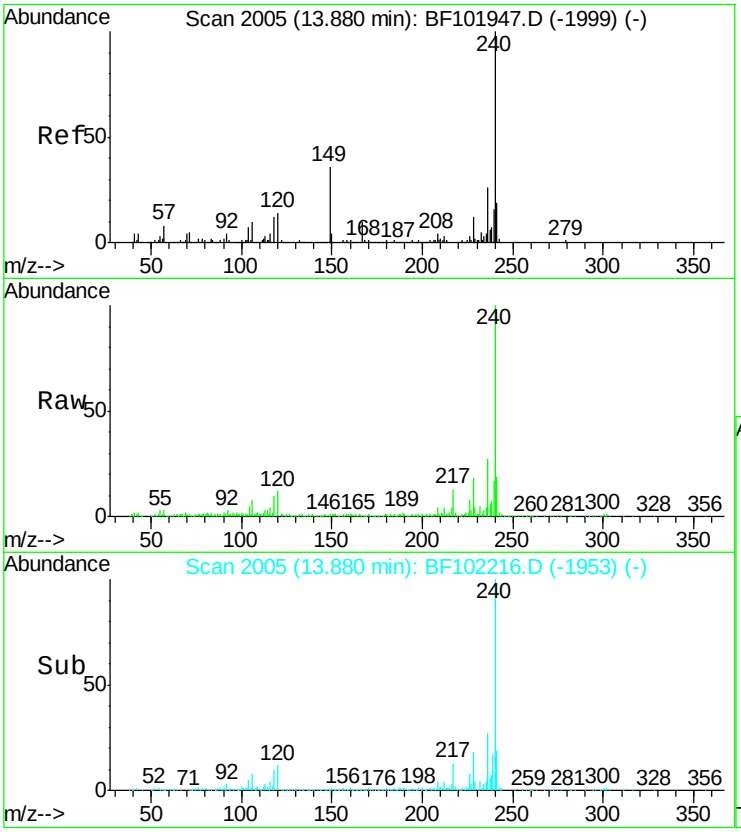


#74
Fluoranthene
Concen: 42.780 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:202 Resp: 1012895

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.3	0.0	38.1



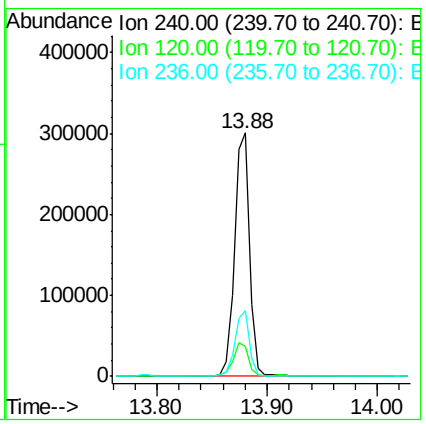


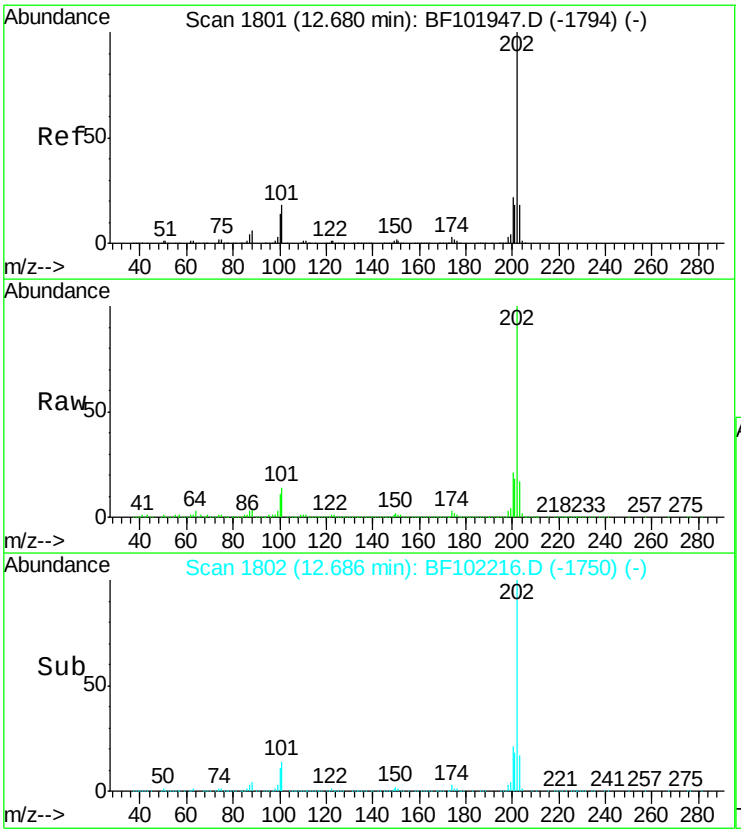
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:240 Resp: 285326

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.8	20.7	31.1

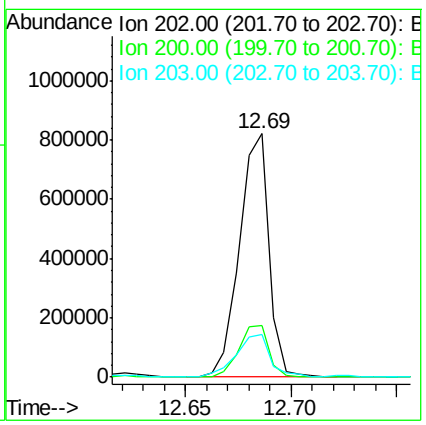


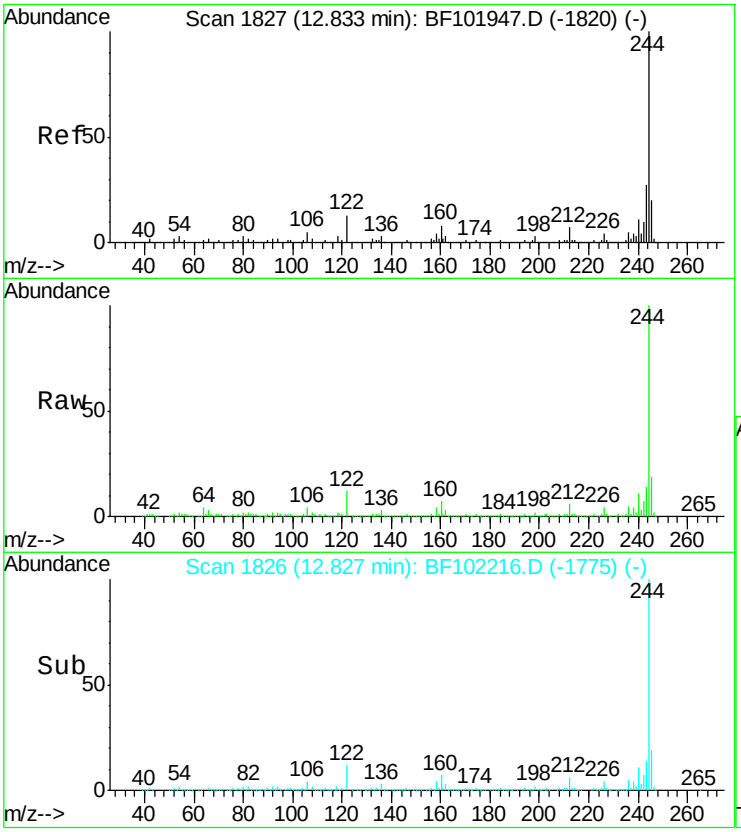


#77
Pyrene
Concen: 31.315 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:202 Resp: 789799

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5



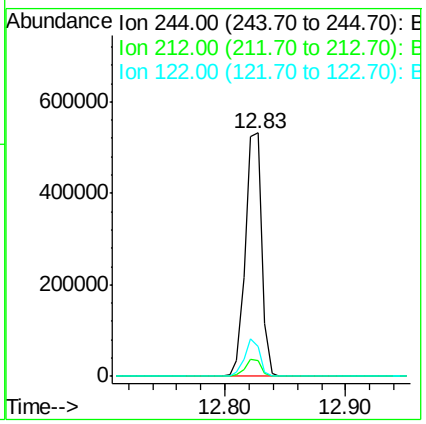


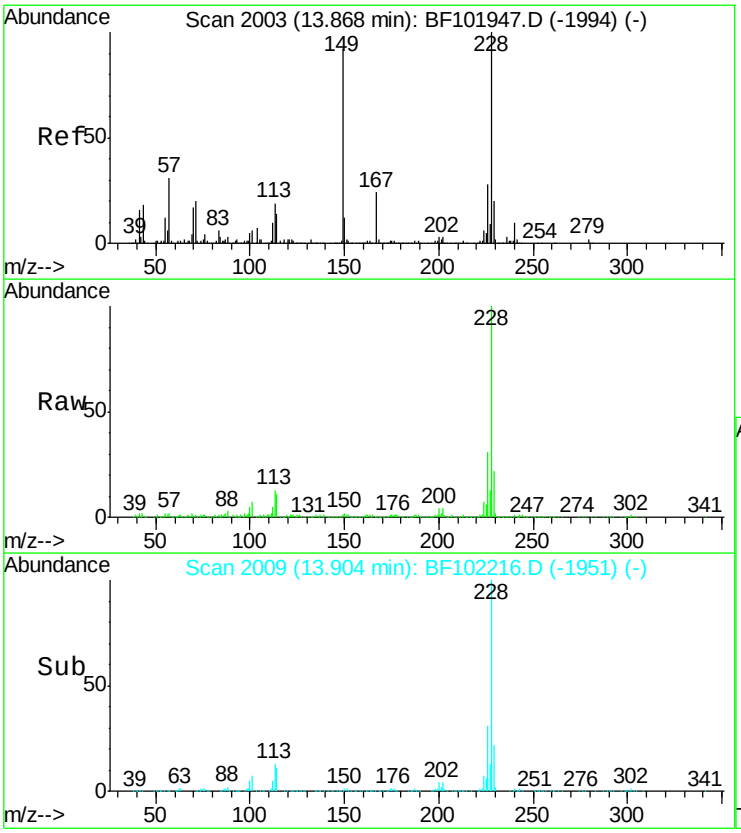
#78
Terphenyl-d14
Concen: 37.107 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:244 Resp: 509941

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	12.2	11.0	16.4

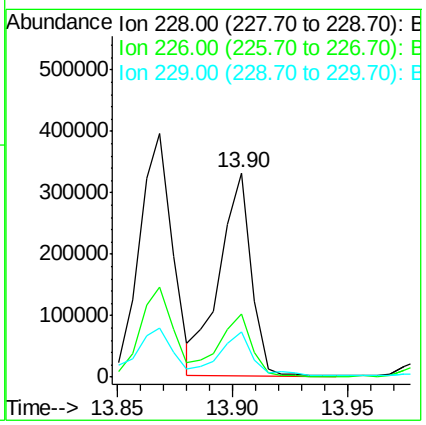


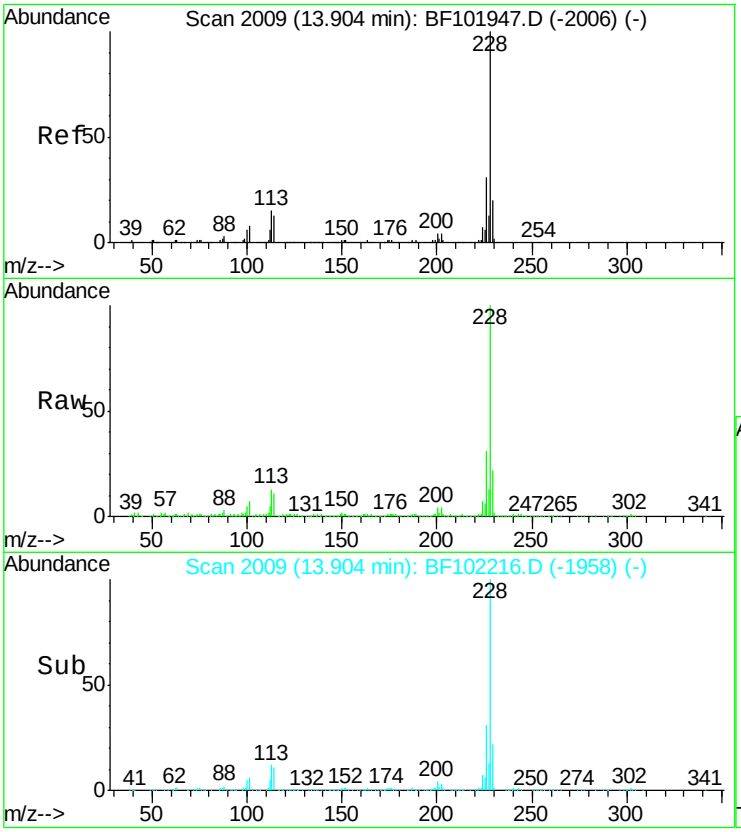


#80
Benzo(a)anthracene
Concen: 17.514 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:228 Resp: 318828

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	22.0	15.8	23.6



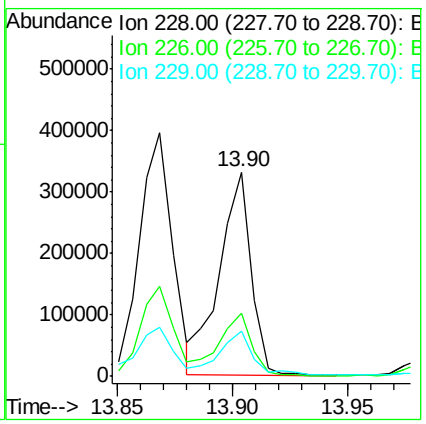


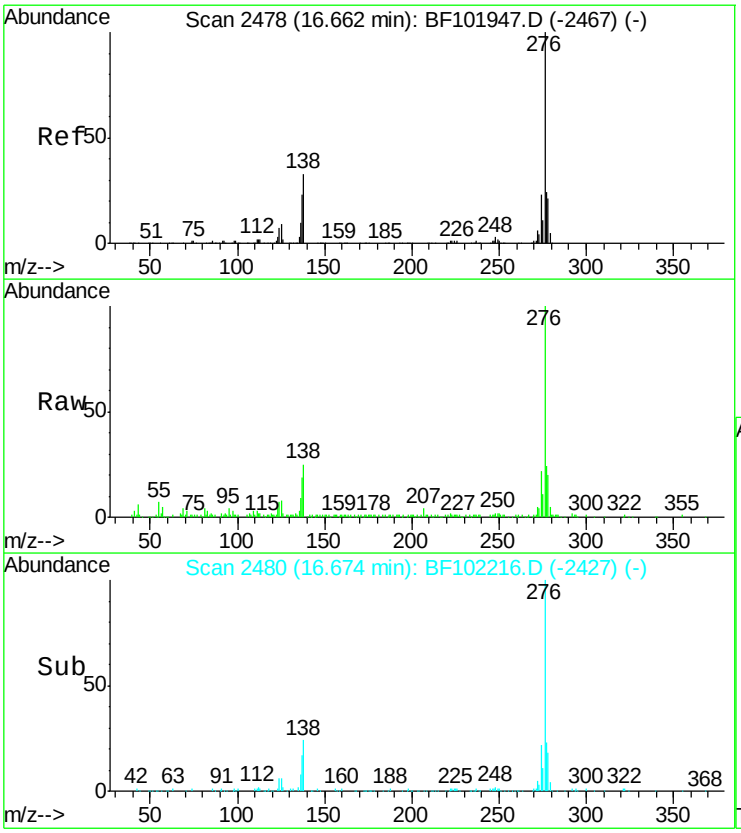
#82
Chrysene
Concen: 16.796 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:228 Resp: 318828

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.0	16.2	24.4

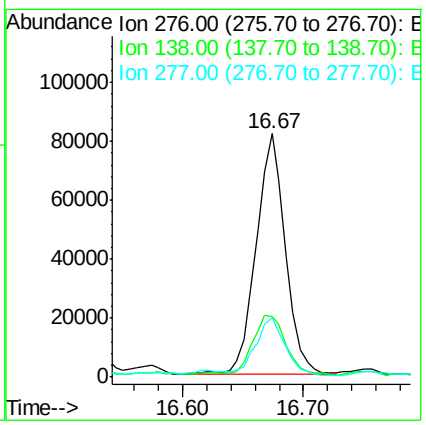


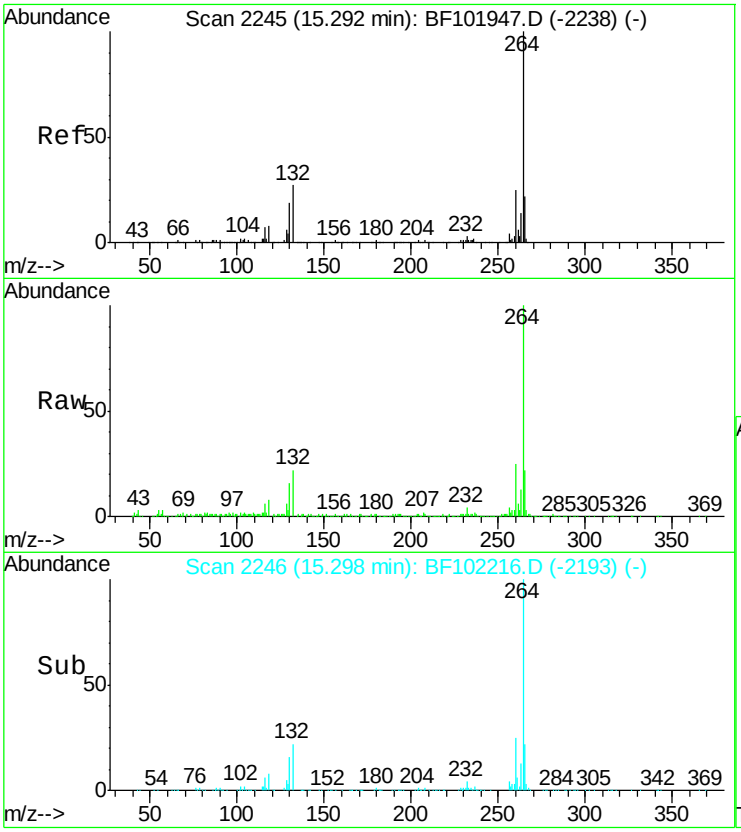


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.026 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:276 Resp: 138515

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	24.3	20.1	30.1



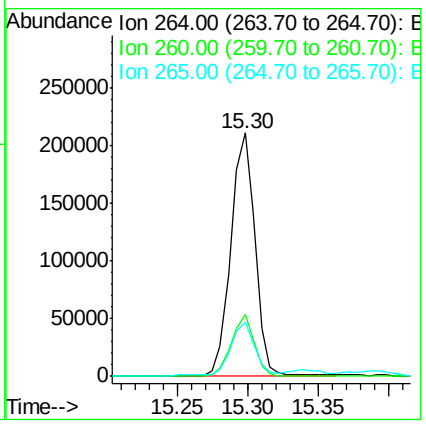


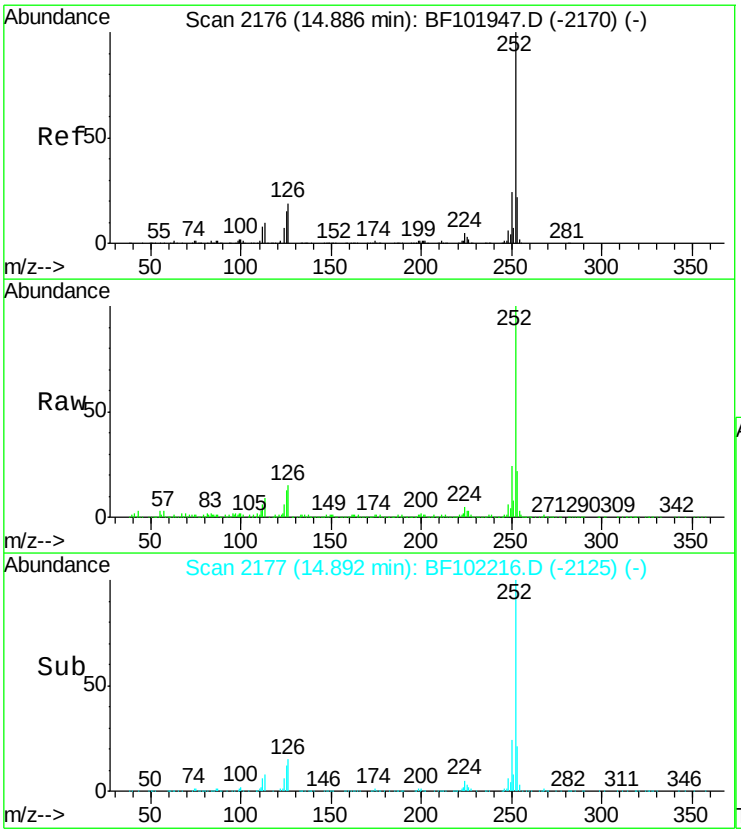
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:264 Resp: 250495

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.2	17.5	26.3

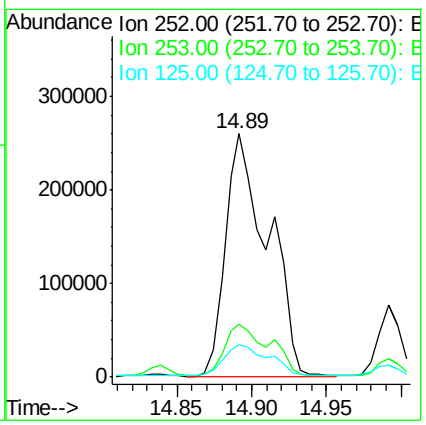


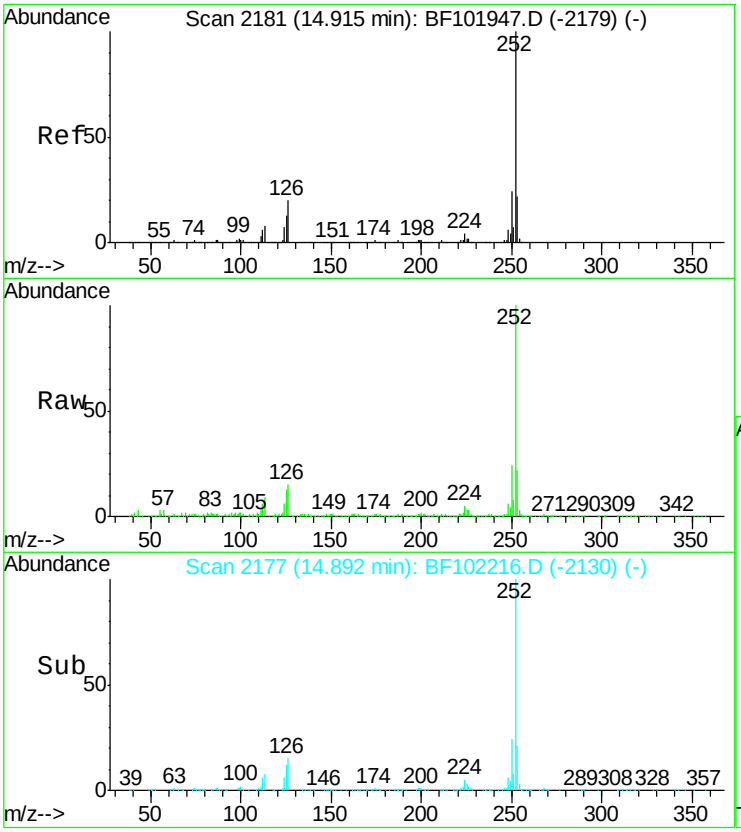


#87
Benzo(b)fluoranthene
Concen: 31.500 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:252 Resp: 514493

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	13.2	9.0	13.6



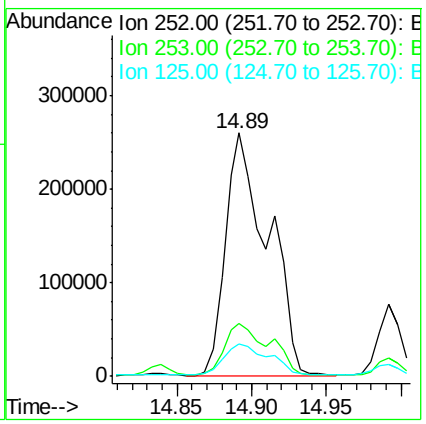


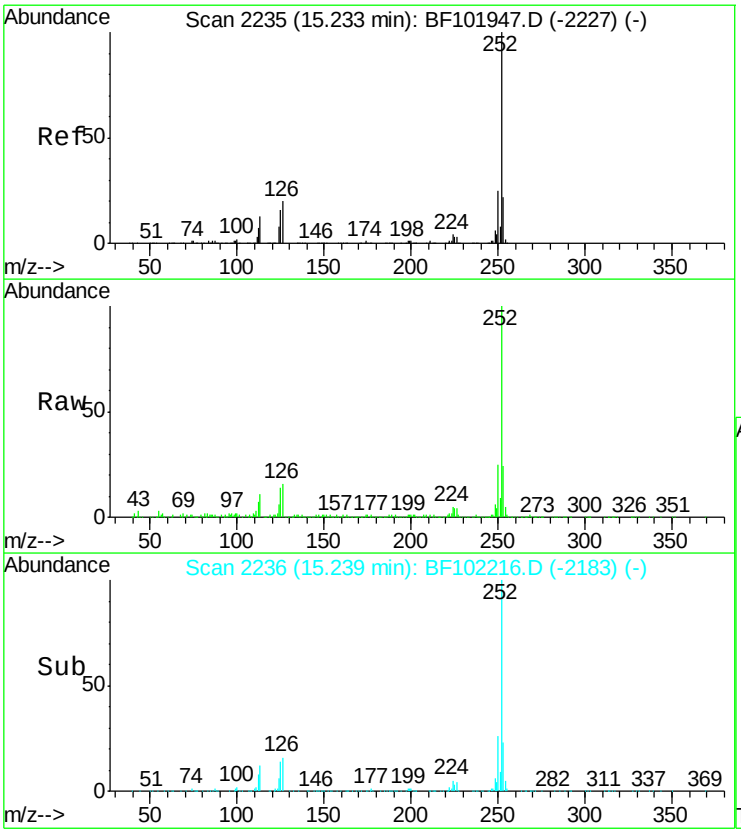
#88
Benzo(k)fluoranthene
Concen: 32.654 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:252 Resp: 514493

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	13.2	10.2	15.2

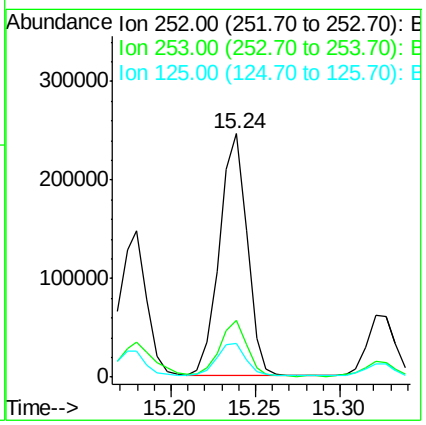


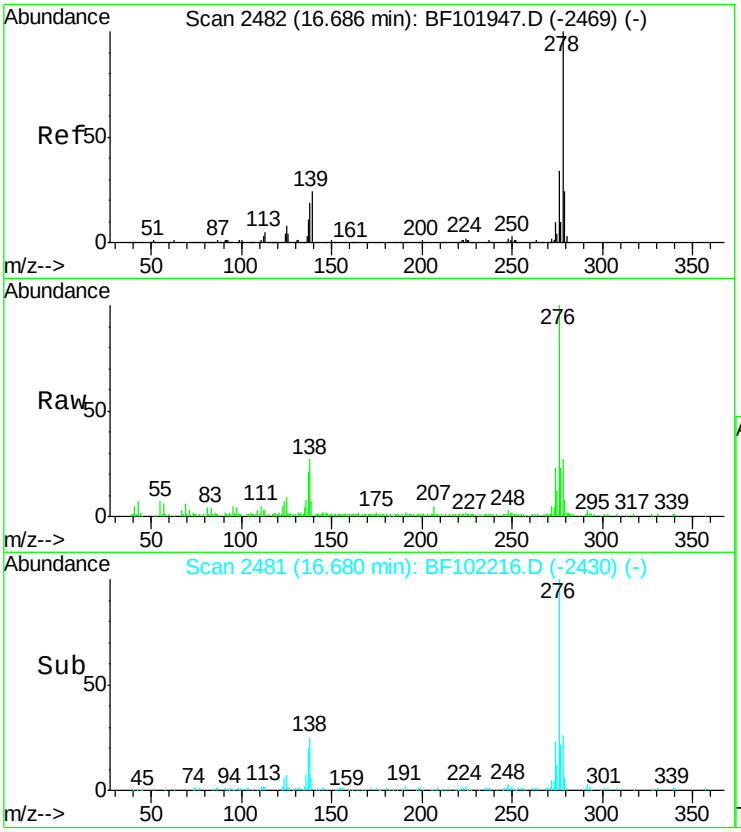


#89
Benzo(a)pyrene
Concen: 19.120 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:252 Resp: 281013

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	14.0	9.8	14.6



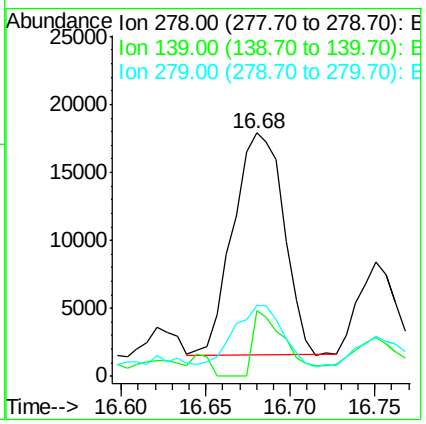


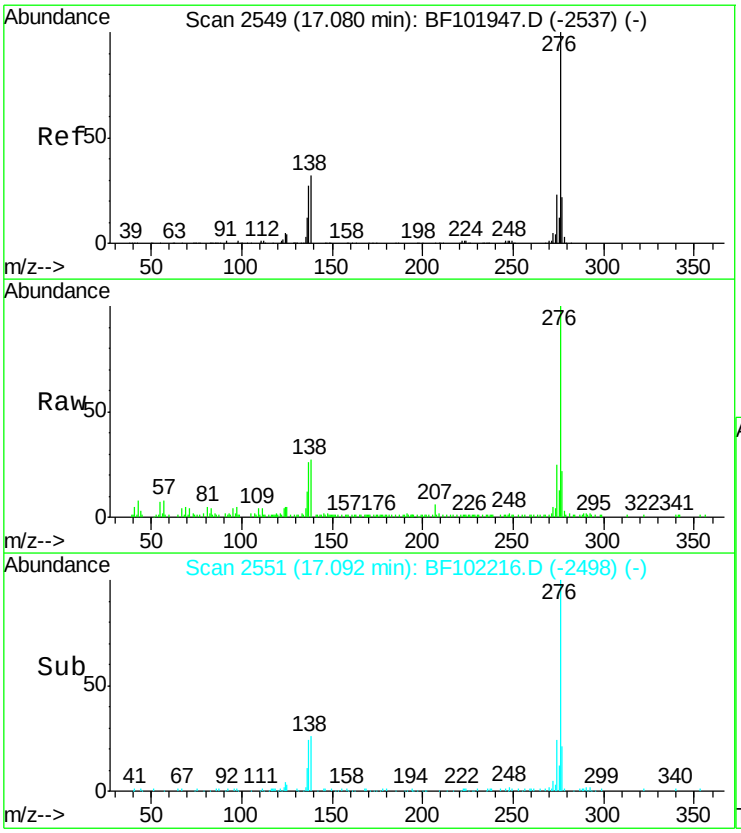
#90
Dibenzo(a,h)anthracene
Concen: 2.909 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-S_10

Tgt Ion:278 Resp: 34121

Ion	Ratio	Lower	Upper
278	100		
139	26.8	15.9	23.9#
279	29.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 10.002 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF102216.D
Acq: 19 Jan 2018 12:24

Tgt Ion:276 Resp: 118170

Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	27.0	21.8	32.8