Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102220.D
Acq On : 19 Jan 2018 14:12
Operator : SJ/JU
Sample : J1200-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2_SB74_BOT-N_10

Quant Time: Jan 19 14:43:46 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138392	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	570617	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	245845	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	390261	20.00	ng		0.00
75) Chrysene-d12	13.88	240	260124	20.00	ng		0.00
86) Perylene-d12	15.30	264	240448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	60215	6.14	ng		-0.01
7) Phenol-d6	6.35	99	73393	6.28	ng		-0.02
23) Nitrobenzene-d5	7.28	82	38725	3.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	11078	5.16	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	57167	3.63	ng		-0.01
78) Terphenyl-d14	12.82	244	46159	3.68	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.28	82	38724	2.018	ng	#	64
31) Naphthalene	8.04	128	3372978	118.297	ng		99
33) 4-Chloroaniline	8.04	127	471506	38.744	ng	#	36
35) Caprolactam	8.72	113	6277	2.361	ng	#	1
37) 2-Methylnaphthalene	8.72	142	303892	16.190	ng		99
45) 1,1'-Biphenyl	9.18	154	106902	4.920	ng		97
48) Acenaphthylene	9.62	152	362218	13.545	ng		100
50) 2,6-Dinitrotoluene	9.76	165	37259	9.458	ng	#	26
51) Acenaphthene	9.79	154	360735	22.225	ng		97
54) Dibenzofuran	9.96	168	468988	21.053	ng		100
55) 4-Nitrophenol	9.96	139	179707	48.502	ng	#	10
57) Fluorene	10.30	166	555444	36.069	ng		99
70) Phenanthrene	11.27	178	1978033	86.769	ng		99
71) Anthracene	11.32	178	730915	31.614	ng		99
72) Carbazole	11.47	167	241861	10.643	ng		99
74) Fluoranthene	12.46	202	1492031	66.523	ng		99
77) Pyrene	12.69	202	1097977	47.752	ng		99
80) Benzo(a)anthracene	13.90	228	401056	24.165	ng		96
82) Chrysene	13.90	228	401056	23.175	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	167669	13.312	ng		94
87) Benzo(b)fluoranthene	14.99	252	116641	7.440	ng		93
88) Benzo(k)fluoranthene	14.89	252	639537	42.286	ng		99
89) Benzo(a)pyrene	15.24	252	360893	25.581	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	36618	3.252	ng		95
91) Benzo(g,h,i)perylene	17.09	276	135775	11.972	ng		96

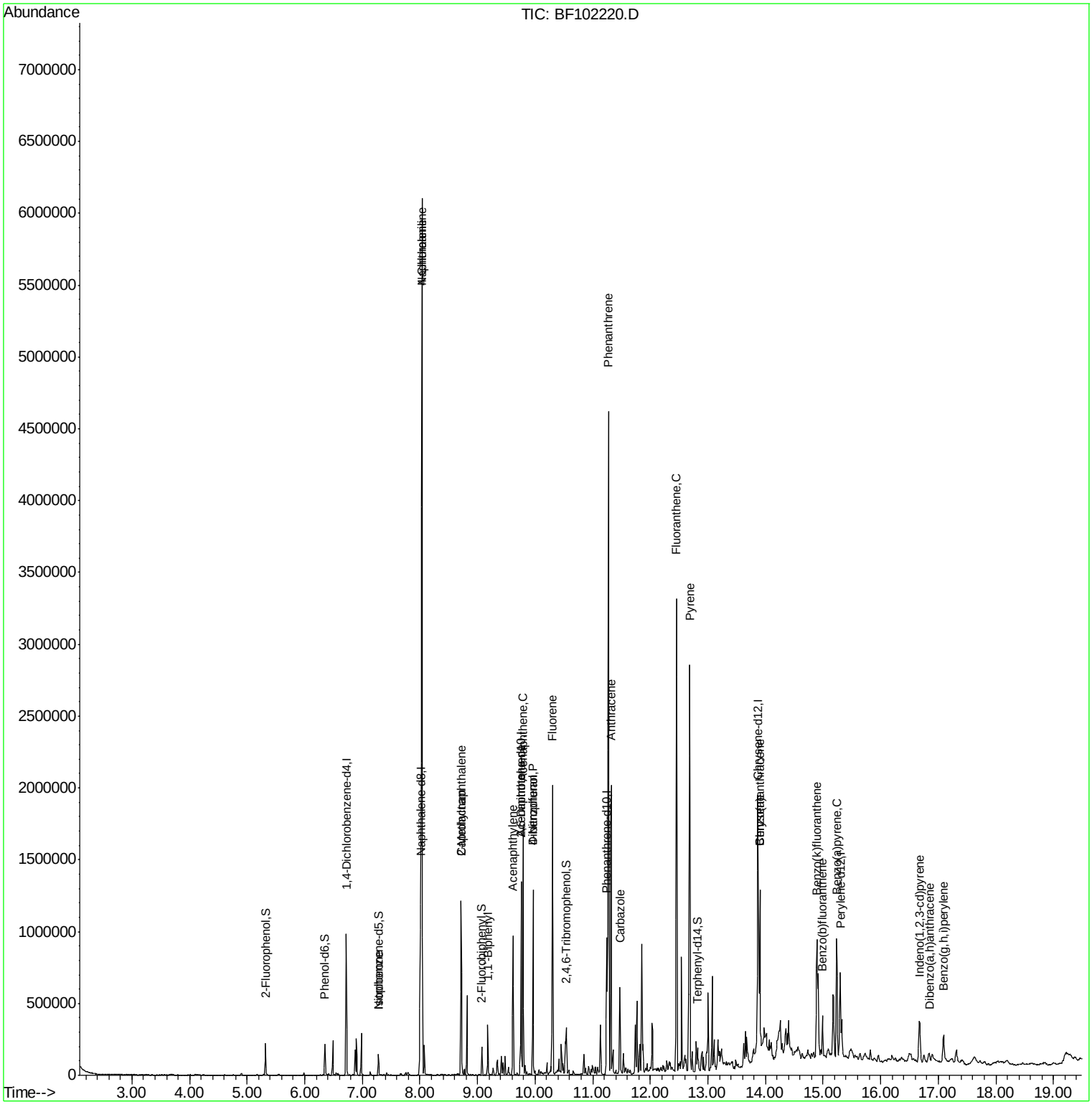
(#) = qualifier out of range (m) = manual integration (+) = signals summed

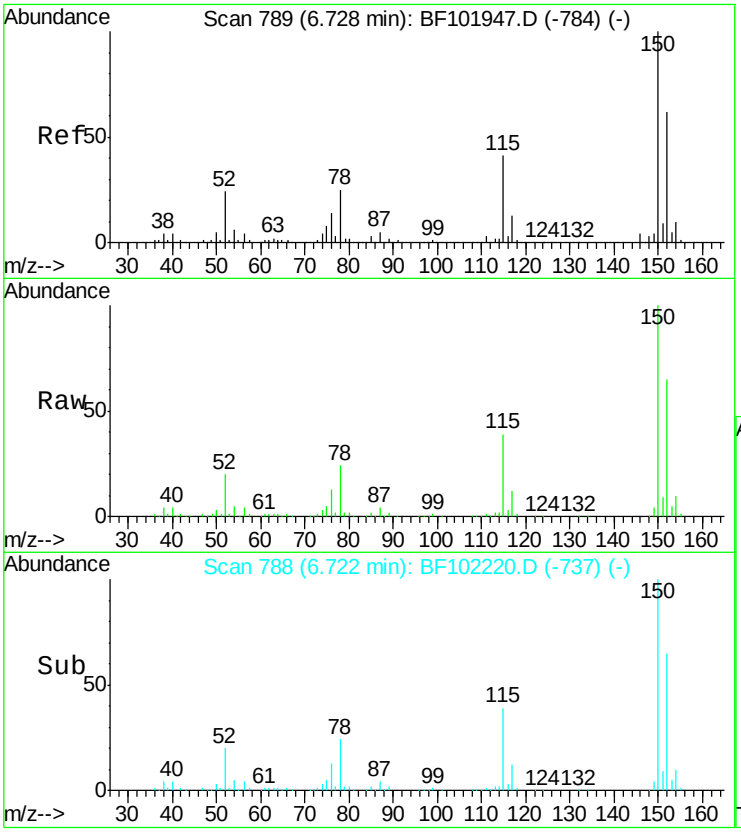
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102220.D
Acq On : 19 Jan 2018 14:12
Operator : SJ/JU
Sample : J1200-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Quant Time: Jan 19 14:43:46 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration



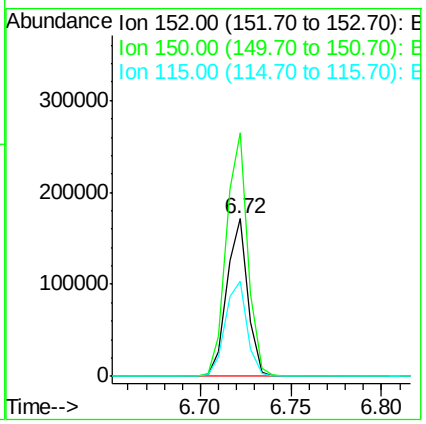


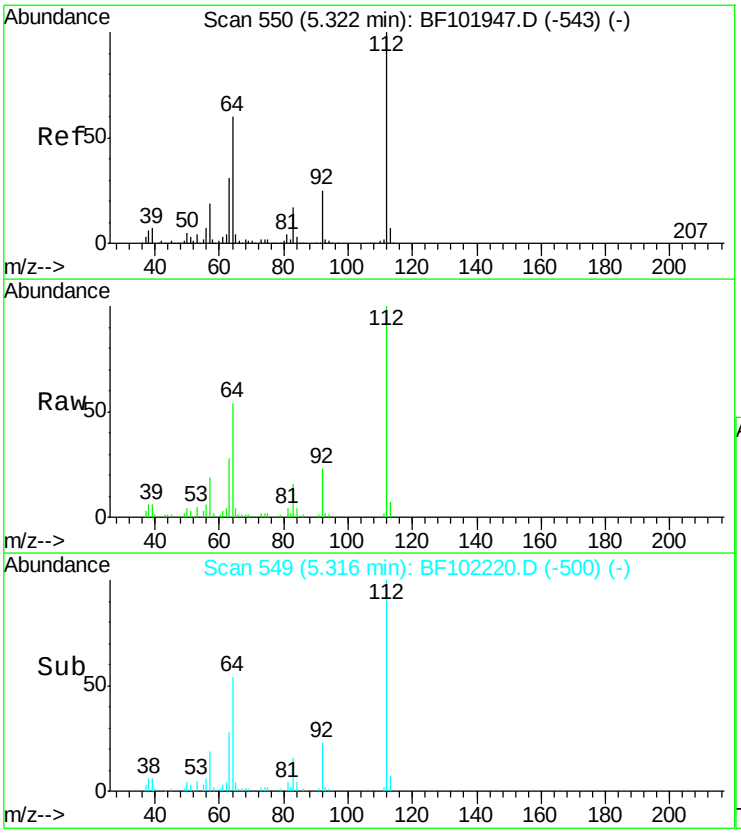
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:152 Resp: 138392

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	60.7	50.1	75.1

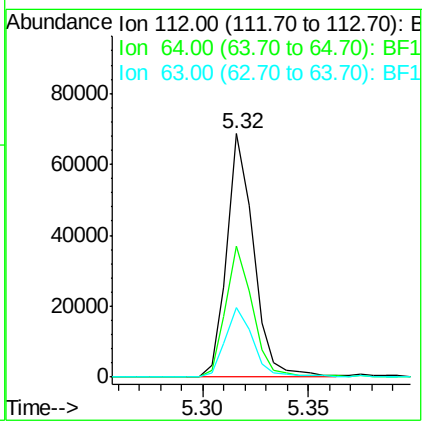


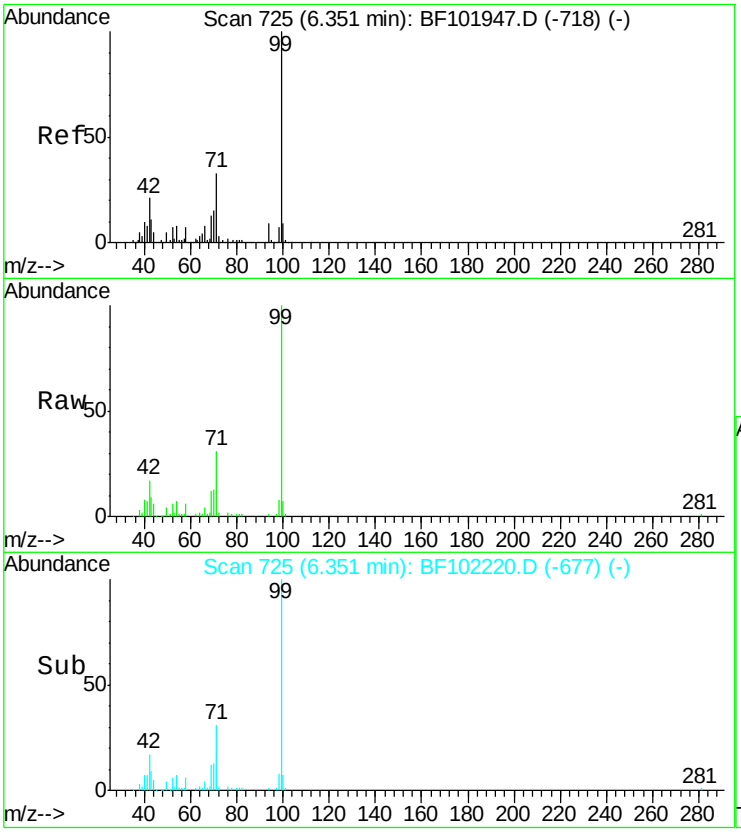


#5
2-Fluorophenol
Concen: 6.144 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:112 Resp: 60215

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	28.3	23.7	35.5



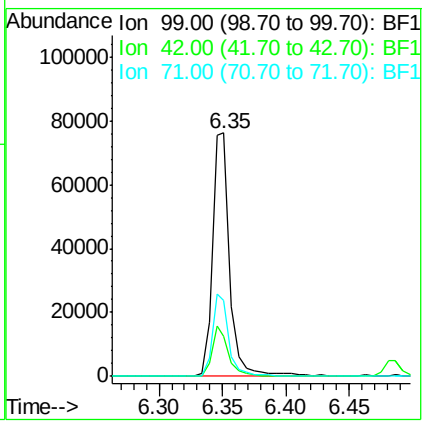


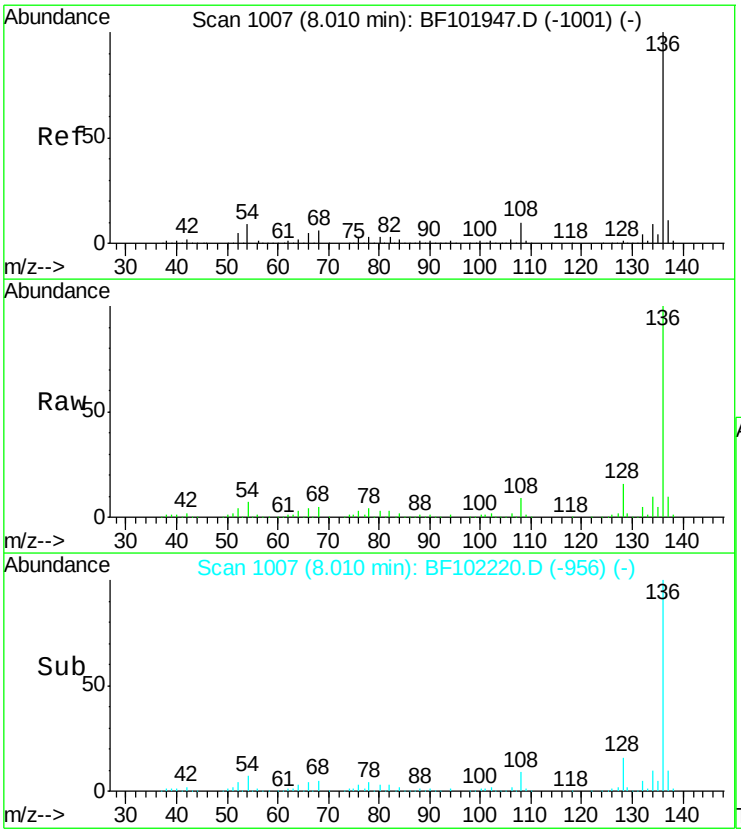
#7
Phenol-d6
Concen: 6.277 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion: 99 Resp: 73393

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	31.4	25.4	38.0

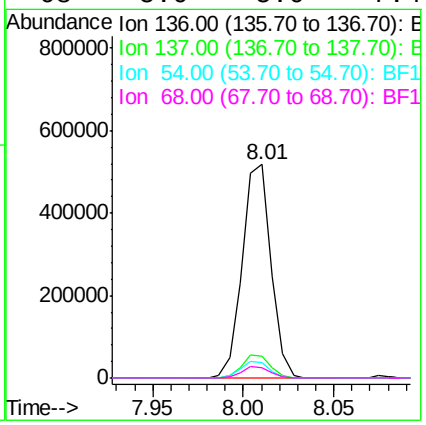


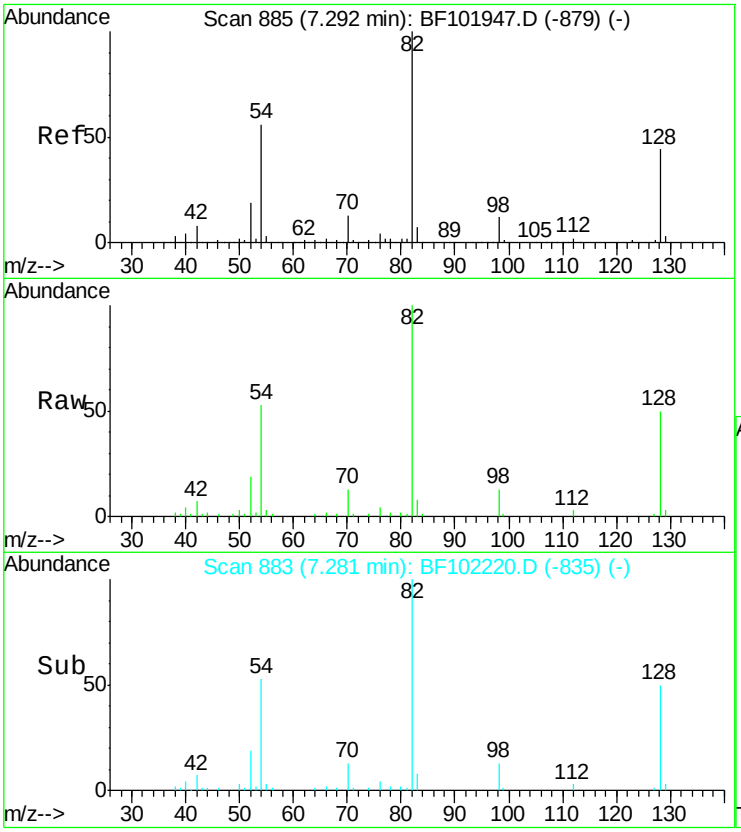


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:136 Resp: 570617

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.4	6.6	9.8
68	5.0	5.0	7.4



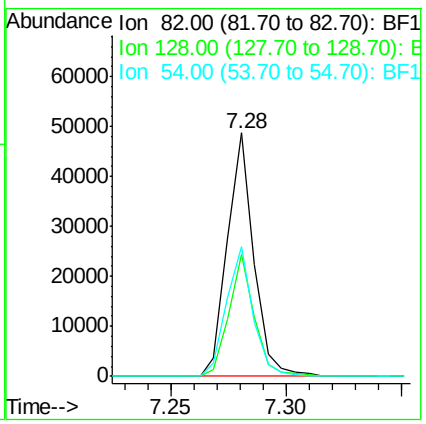


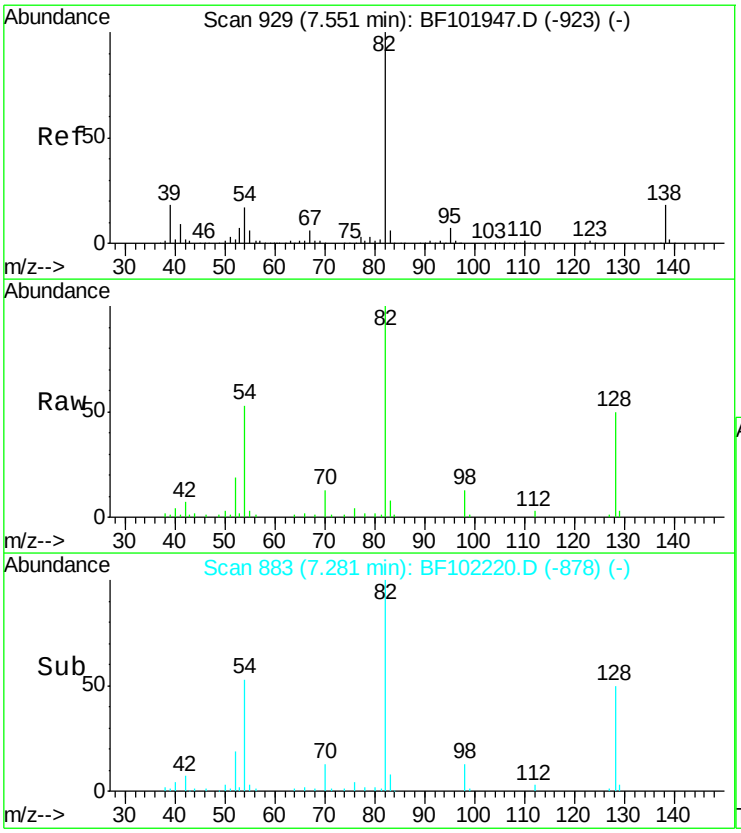
#23
Nitrobenzene-d5
Concen: 3.988 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion: 82 Resp: 38725

Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	53.4	41.4	62.2

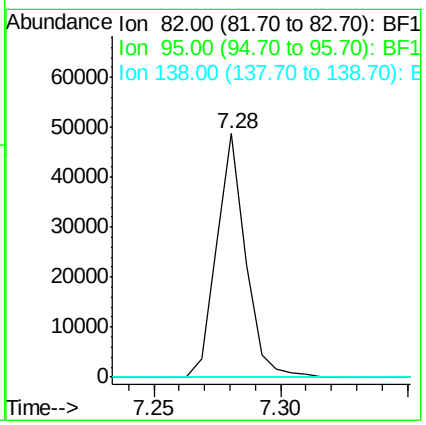


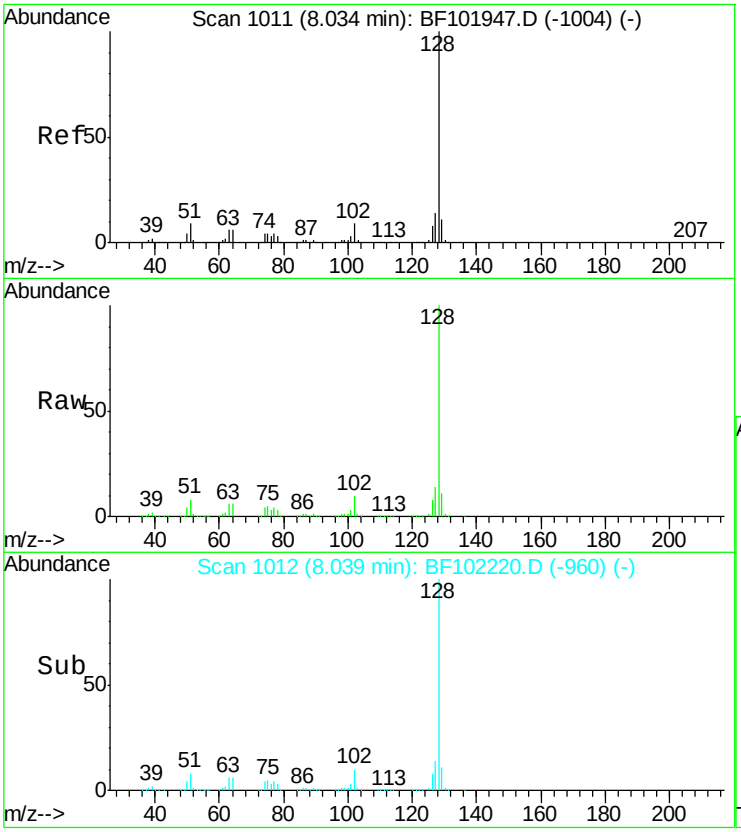


#25
Isophorone
Concen: 2.018 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion: 82 Resp: 38724

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



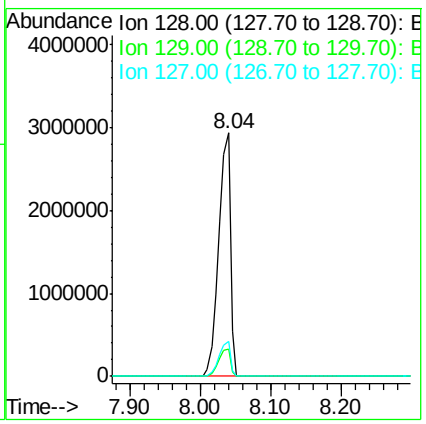


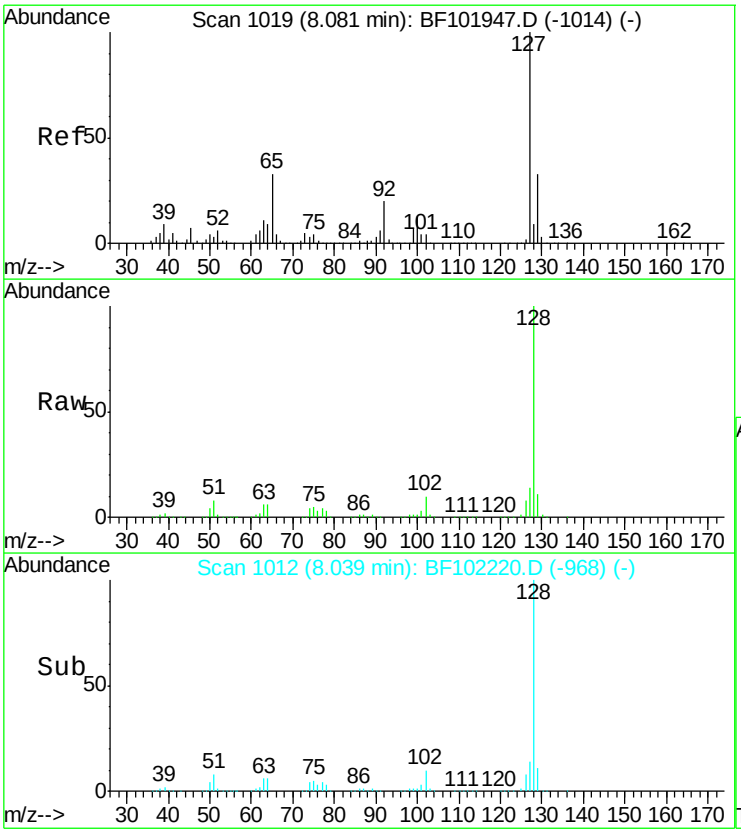
#31
Naphthalene
Concen: 118.297 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:128 Resp: 3372978

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.3	10.9	16.3

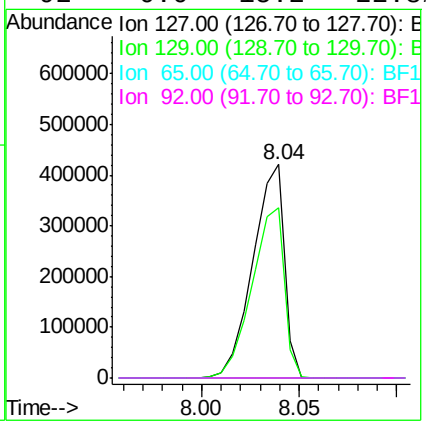


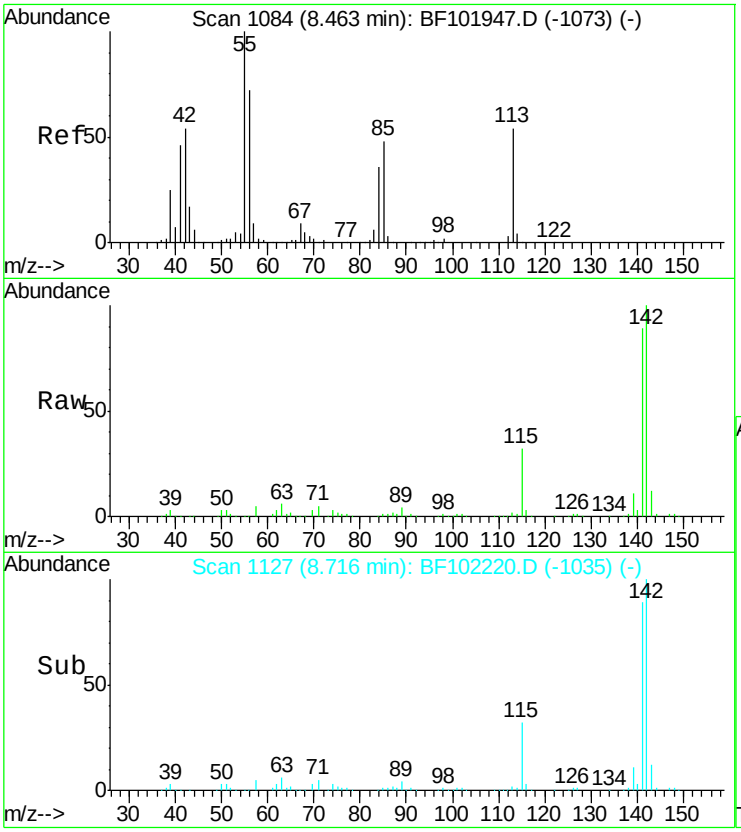


#33
4-Chloroaniline
Concen: 38.744 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:127 Resp: 471506

Ion	Ratio	Lower	Upper
127	100		
129	79.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



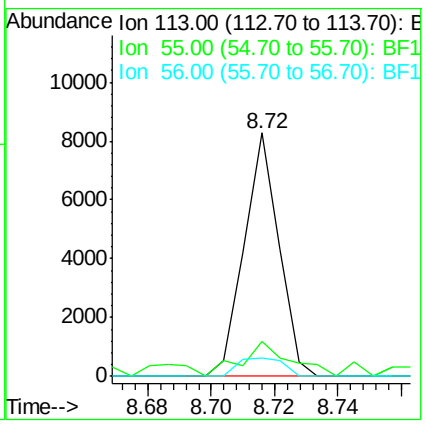


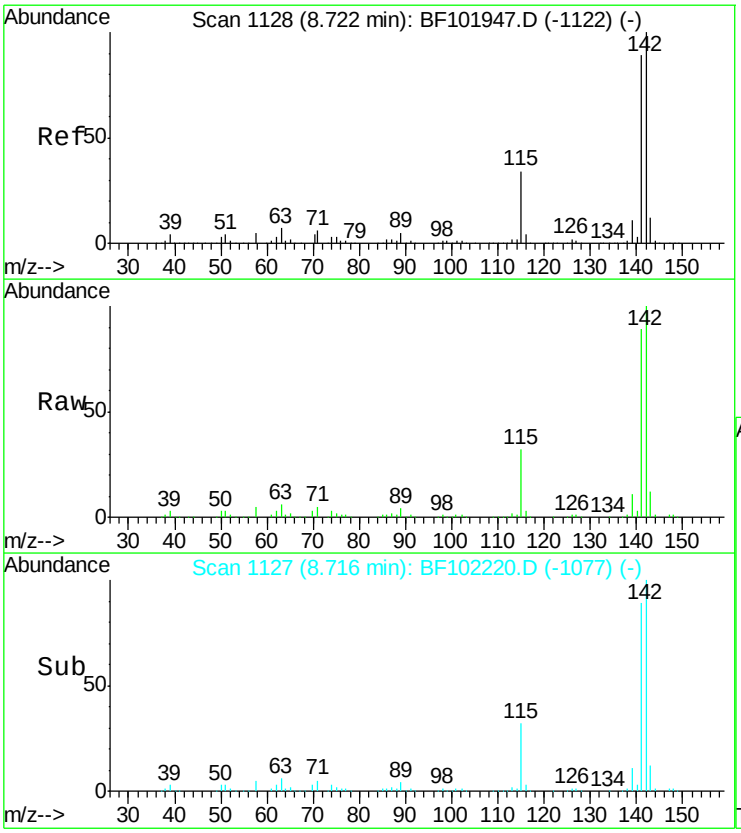
#35
Caprolactam
Concen: 2.361 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.24 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:113 Resp: 6277

Ion	Ratio	Lower	Upper
113	100		
55	14.2	163.3	203.3#
56	7.7	115.7	155.7#

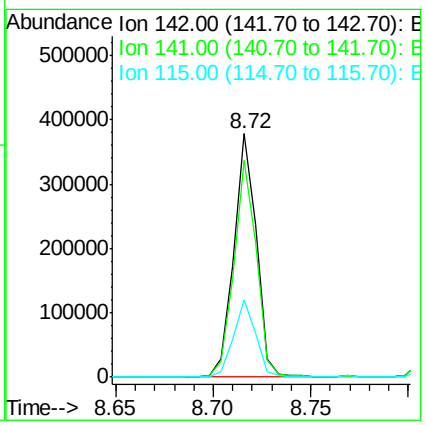


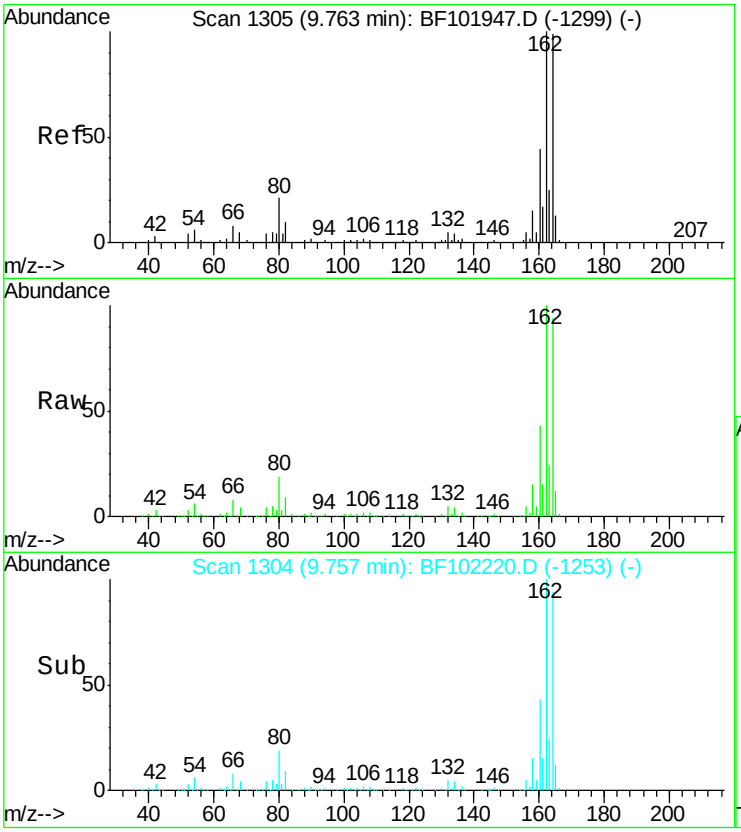


#37
2-Methylnaphthalene
Concen: 16.190 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:142 Resp: 303892

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	31.9	26.1	39.1



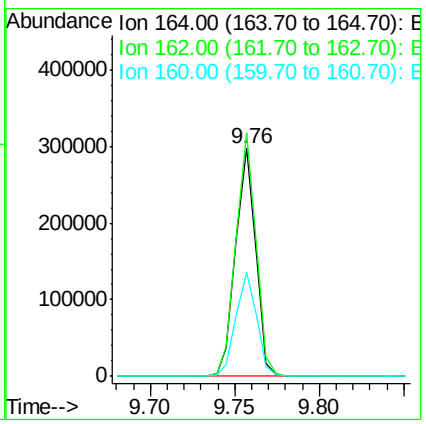


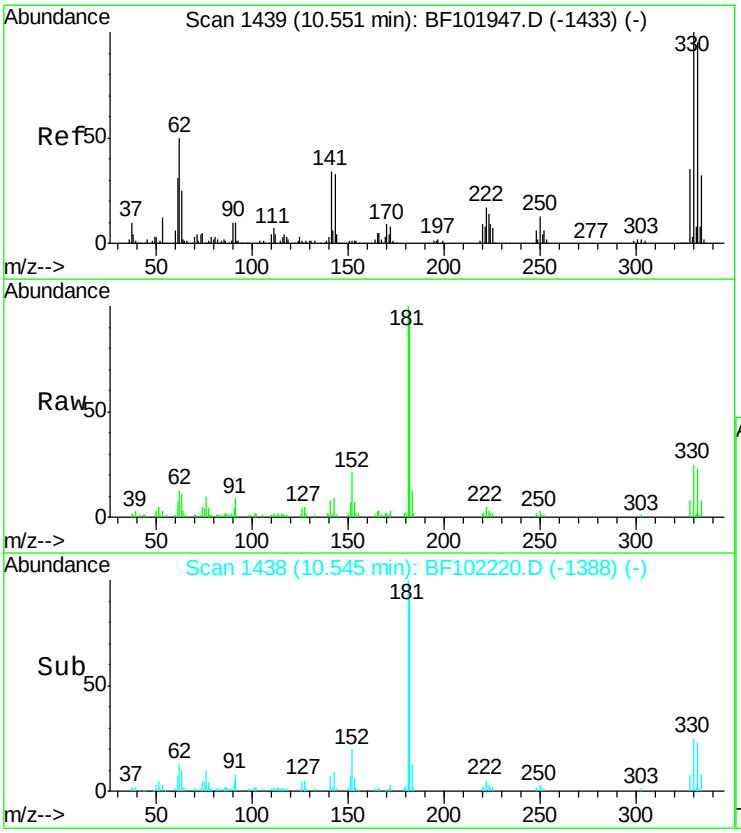
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:164 Resp: 245845

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	45.7	38.3	57.5

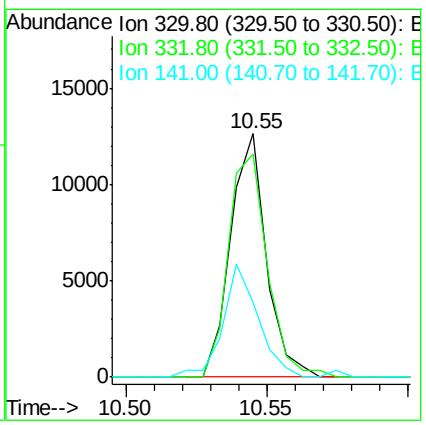


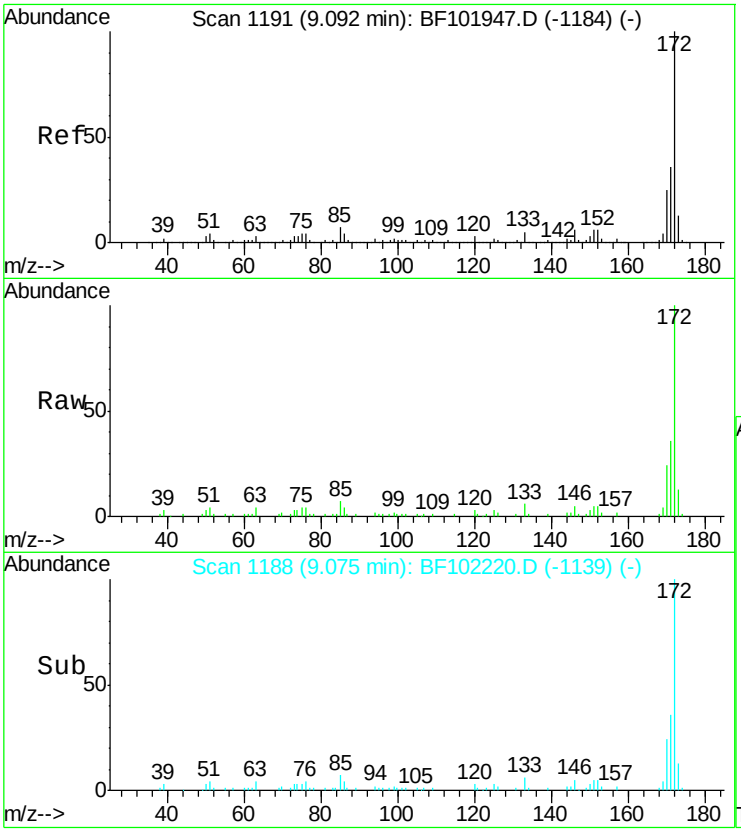


#41
2,4,6-Tribromophenol
Concen: 5.163 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:330 Resp: 11078

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.6
141	45.6	29.9	44.9#



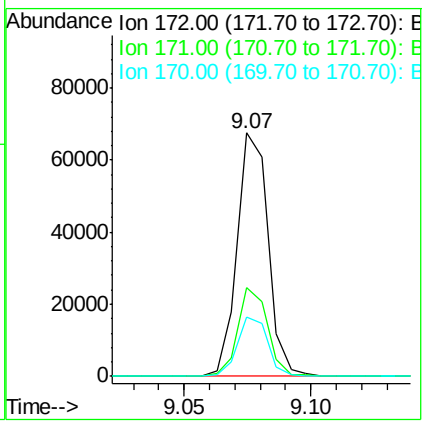


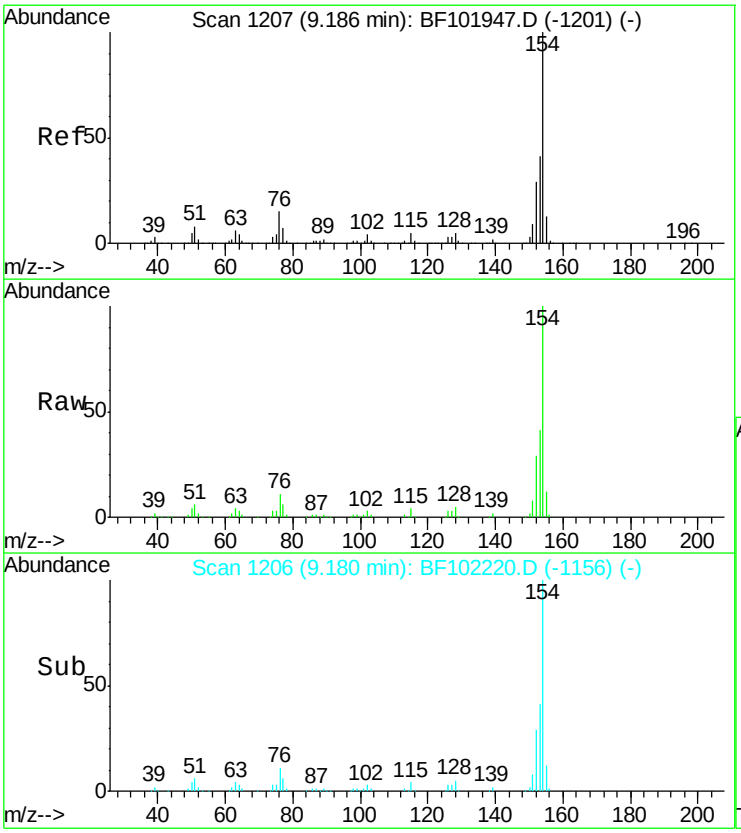
#44
2-Fluorobiphenyl
Concen: 3.633 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:172 Resp: 57167

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

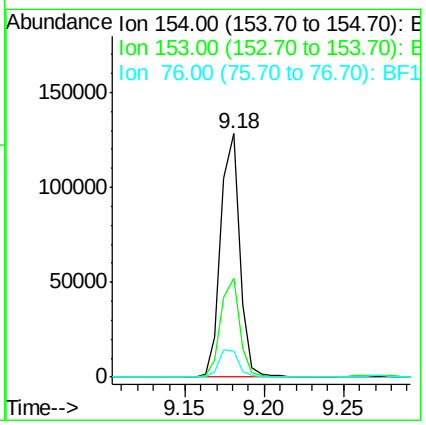


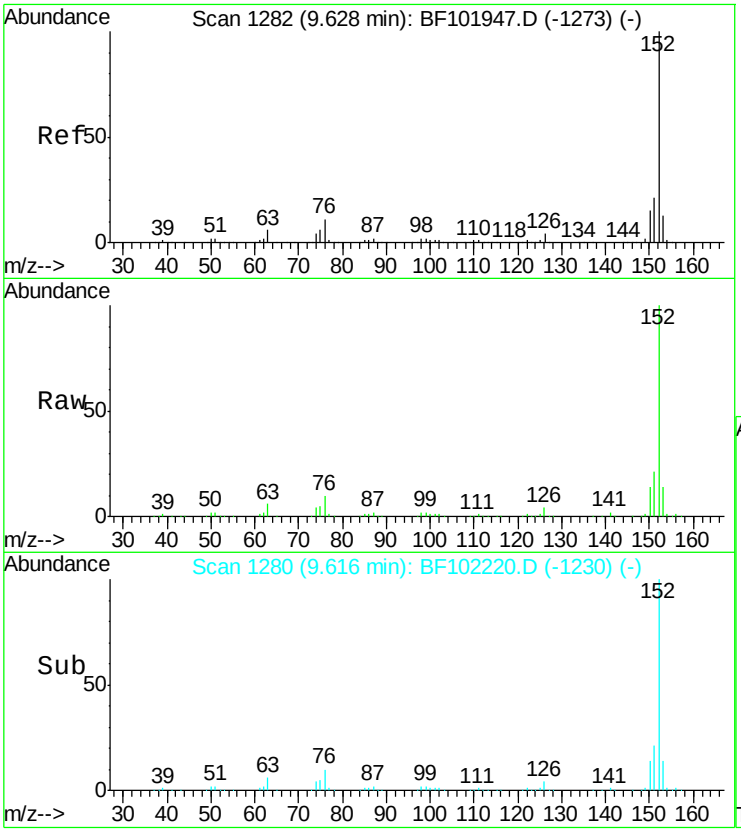


#45
1,1'-Biphenyl
Concen: 4.920 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:154 Resp: 106902

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	10.6	0.0	34.0



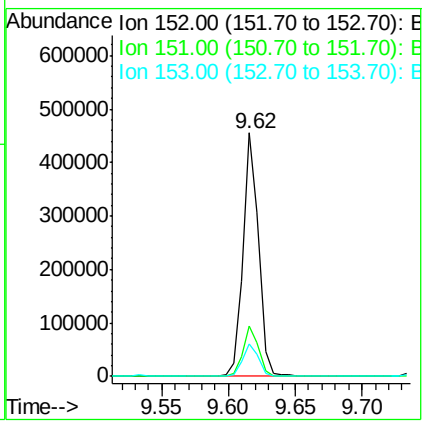


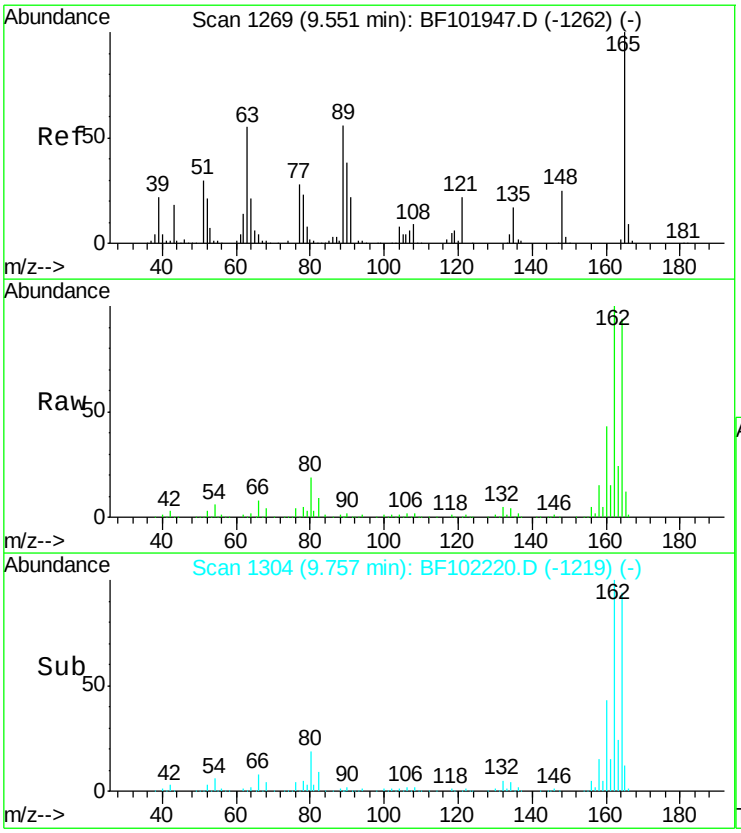
#48
Acenaphthylene
Concen: 13.545 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:152 Resp: 362218

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.5	10.7	16.1

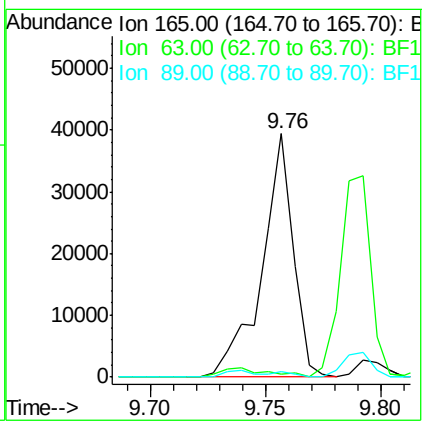


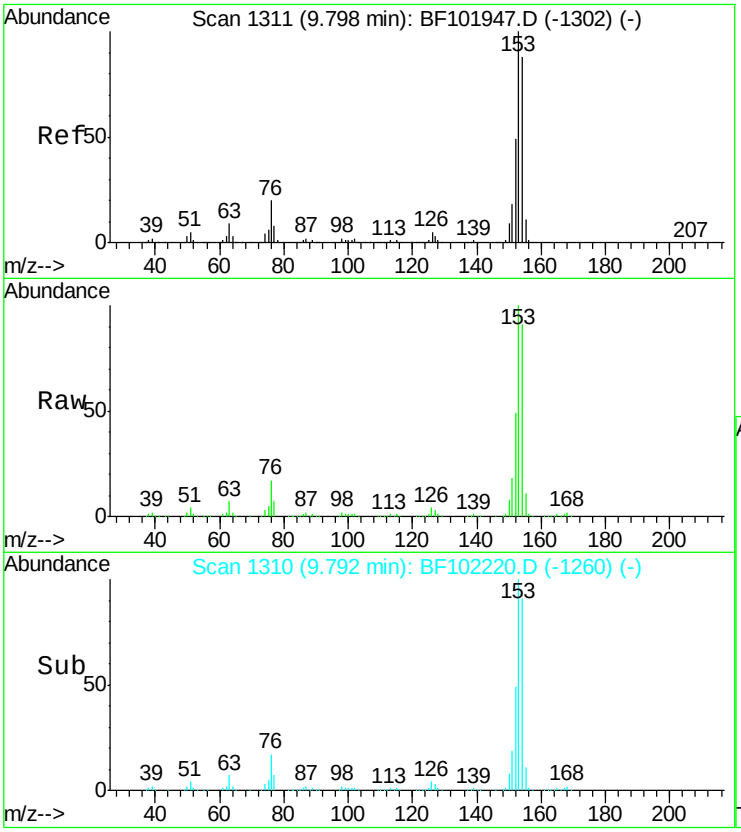


#50
2,6-Dinitrotoluene
Concen: 9.458 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:165 Resp: 37259

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	2.4	44.0	66.0#



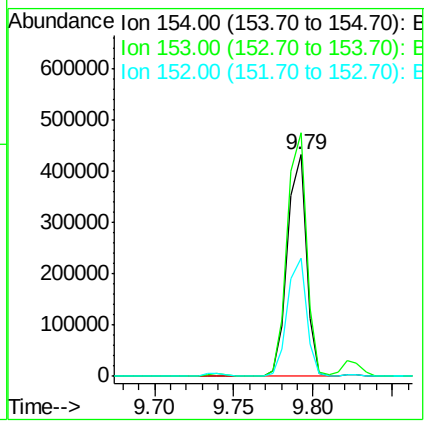


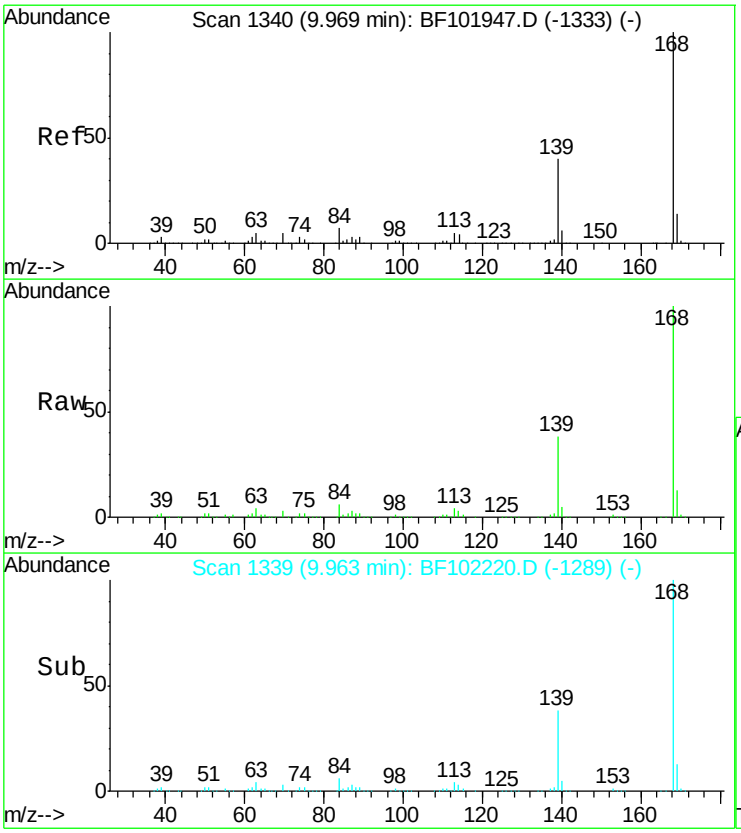
#51
Acenaphthene
Concen: 22.225 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:154 Resp: 360735

Ion	Ratio	Lower	Upper
154	100		
153	109.9	91.2	136.8
152	53.4	43.8	65.8

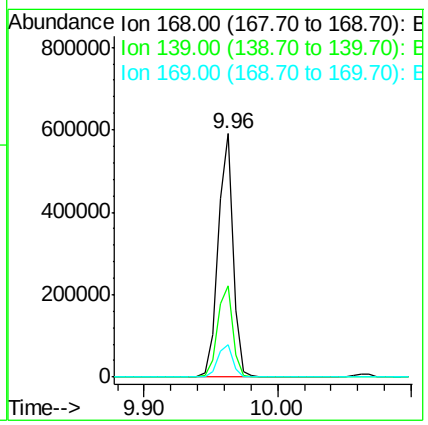


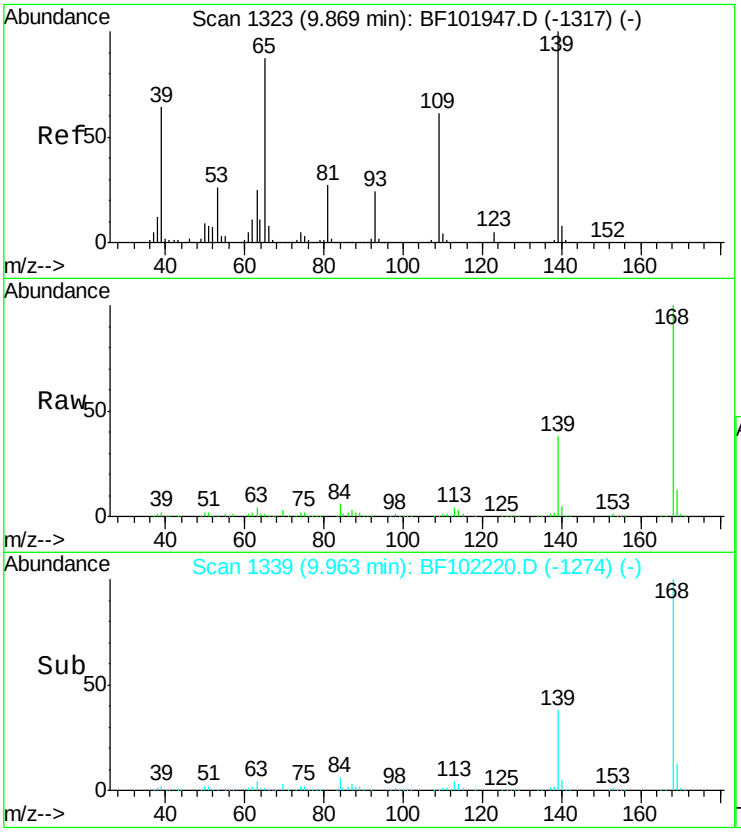


#54
Dibenzofuran
Concen: 21.053 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:168 Resp: 468988

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.4	10.9	16.3



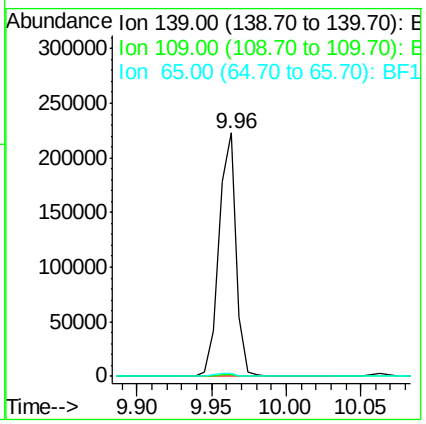


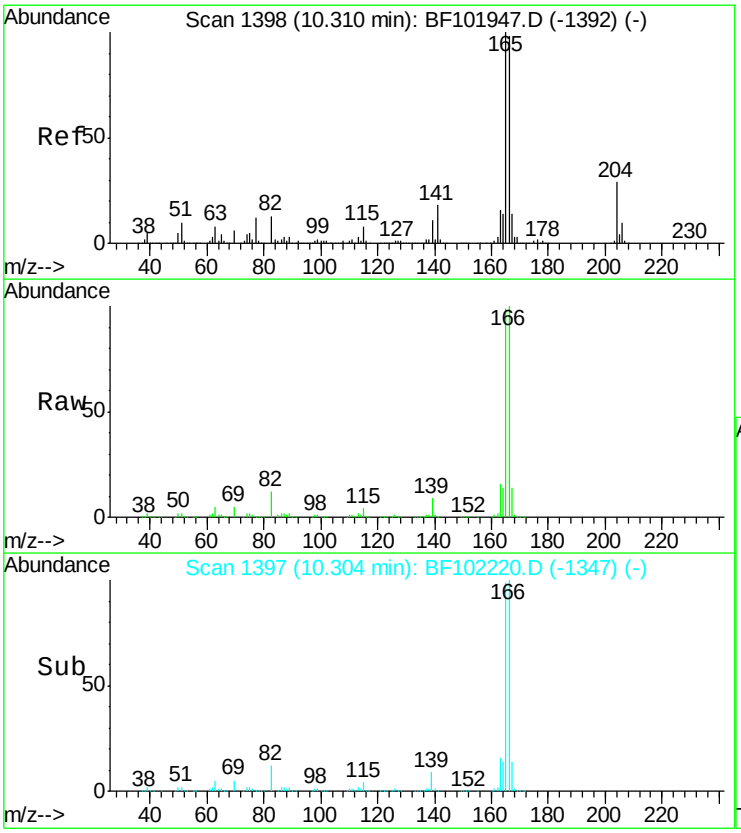
#55
4-Nitrophenol
Concen: 48.502 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.08 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:139 Resp: 179707

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.5	72.6	112.6#

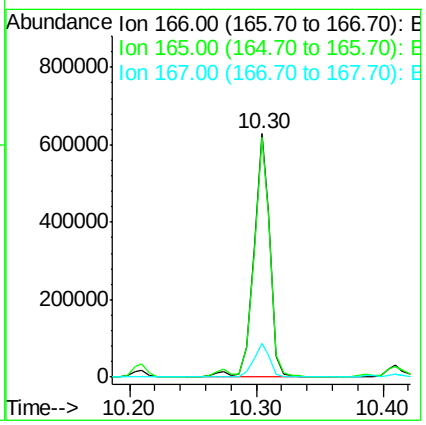


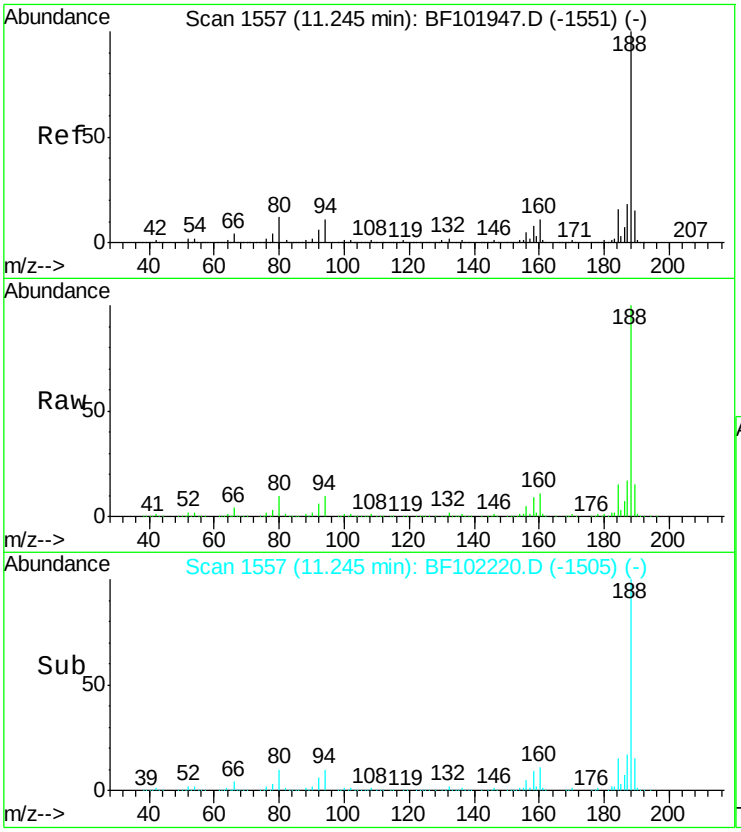


#57
Fluorene
Concen: 36.069 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:166 Resp: 555444

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.8	10.6	16.0



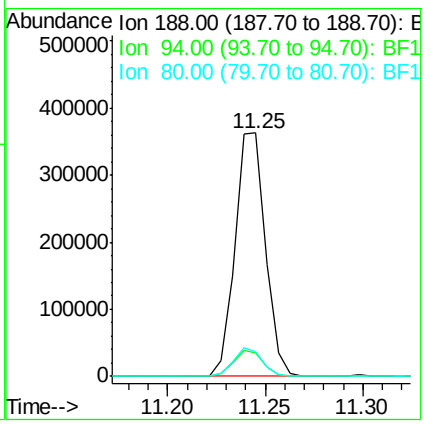


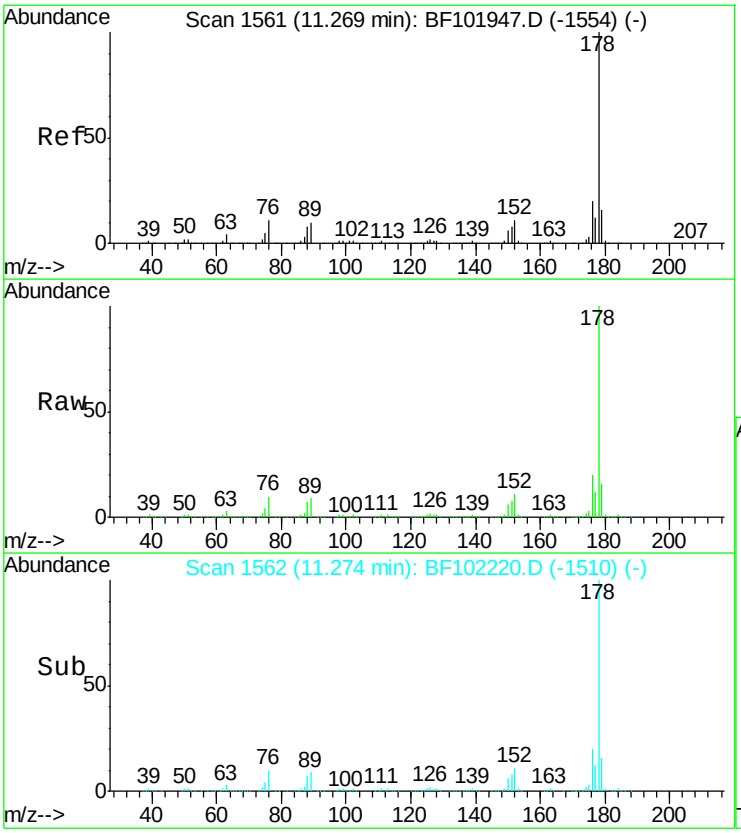
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:188 Resp: 390261

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8

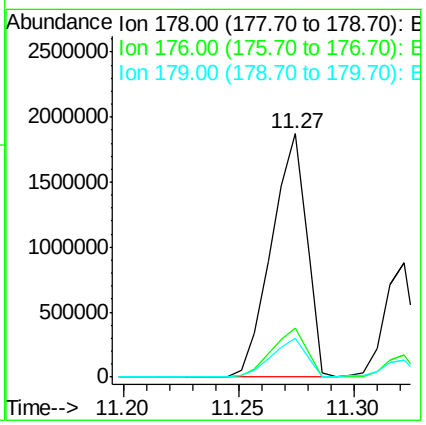


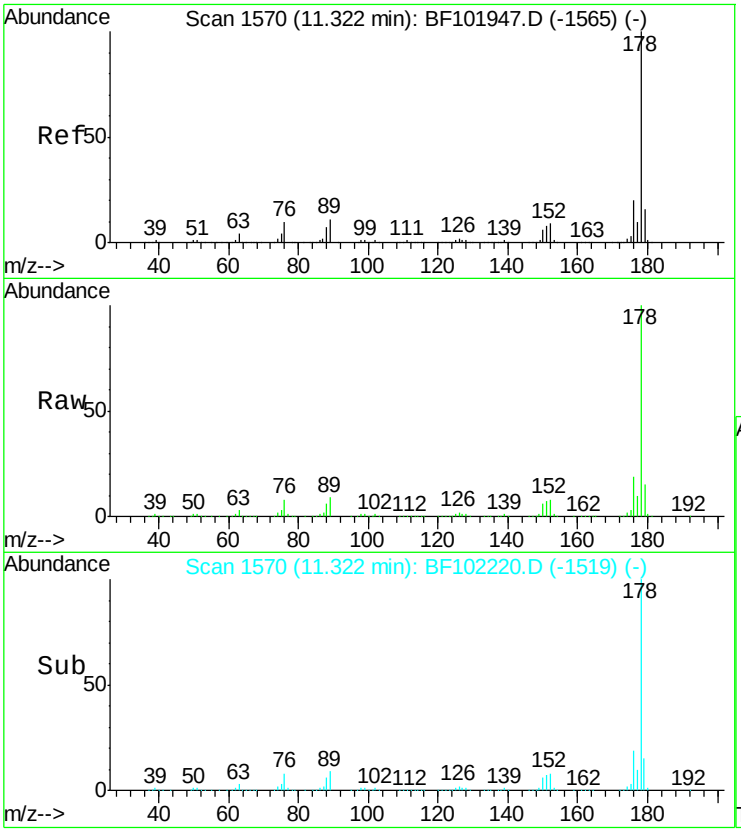


#70
Phenanthrene
Concen: 86.769 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:178 Resp: 1978033

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



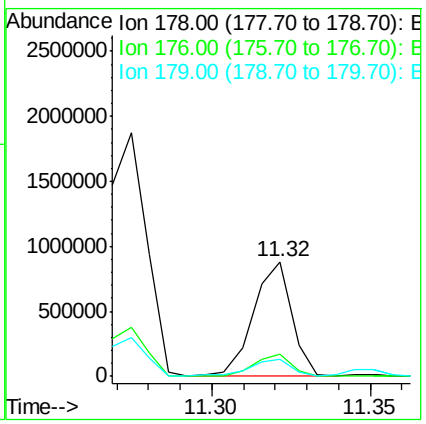


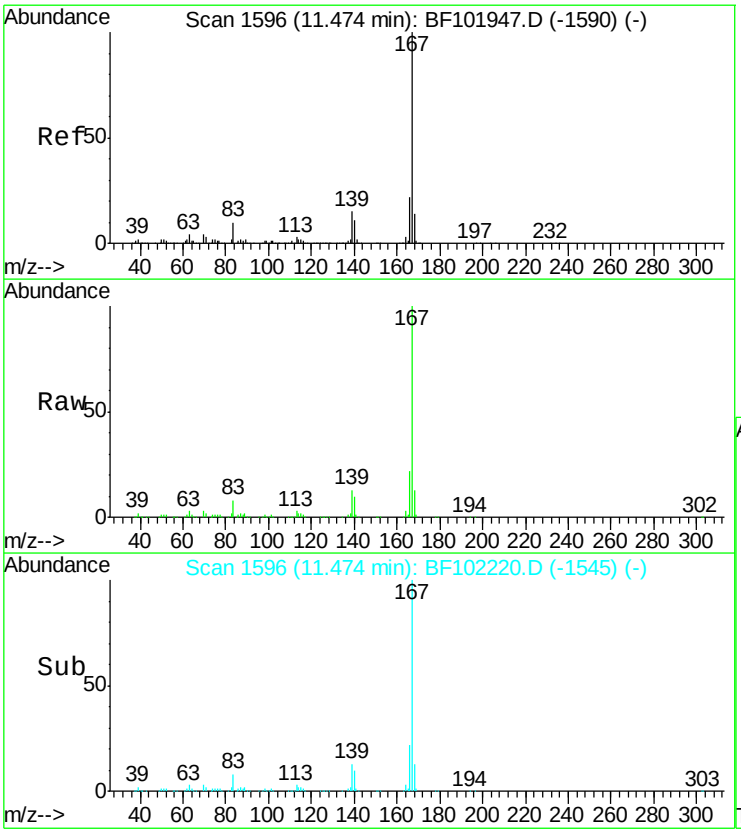
#71
Anthracene
Concen: 31.614 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:178 Resp: 730915

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.6	19.0

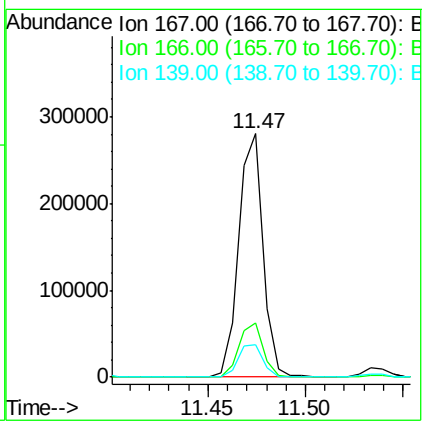


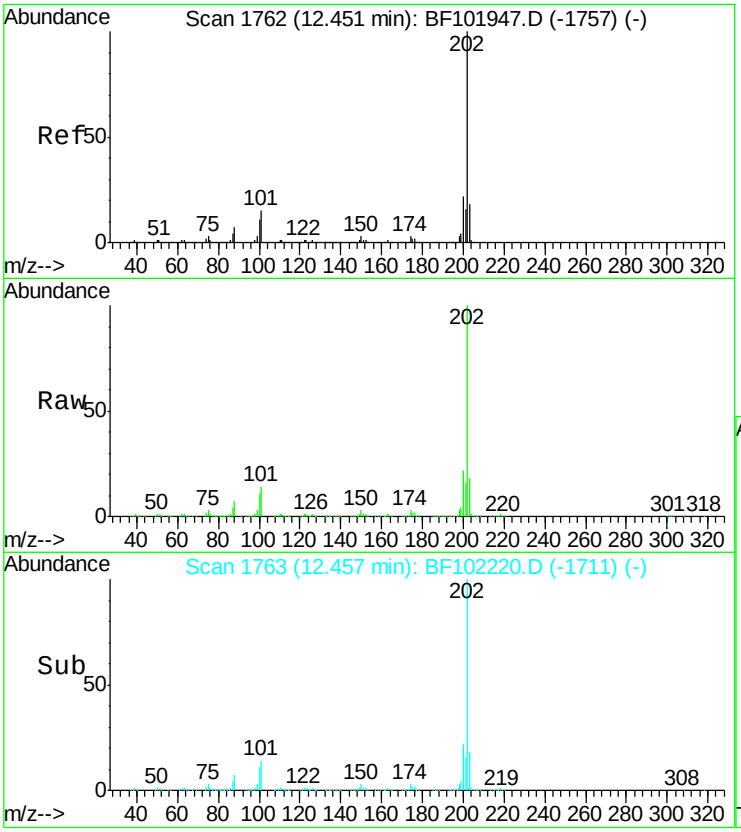


#72
Carbazole
Concen: 10.643 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:167 Resp: 241861

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.1	10.9	16.3



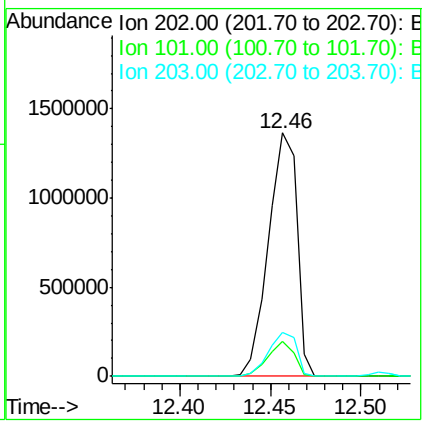


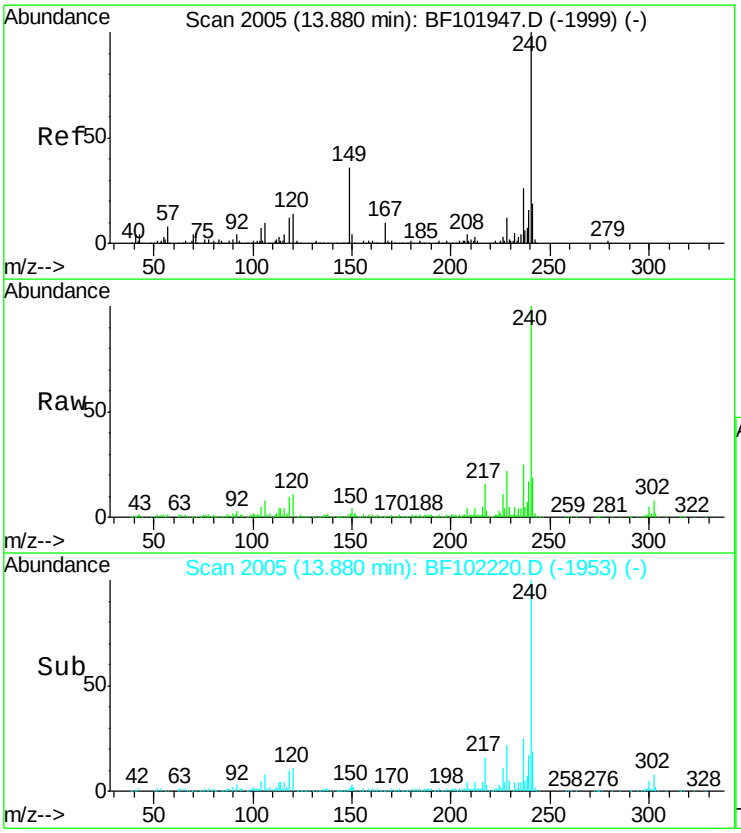
#74
Fluoranthene
Concen: 66.523 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:202 Resp: 1492031

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.9	0.0	38.1

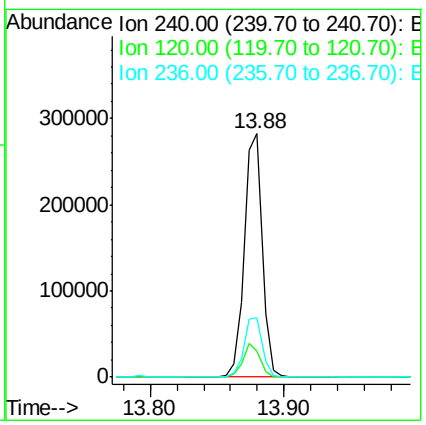


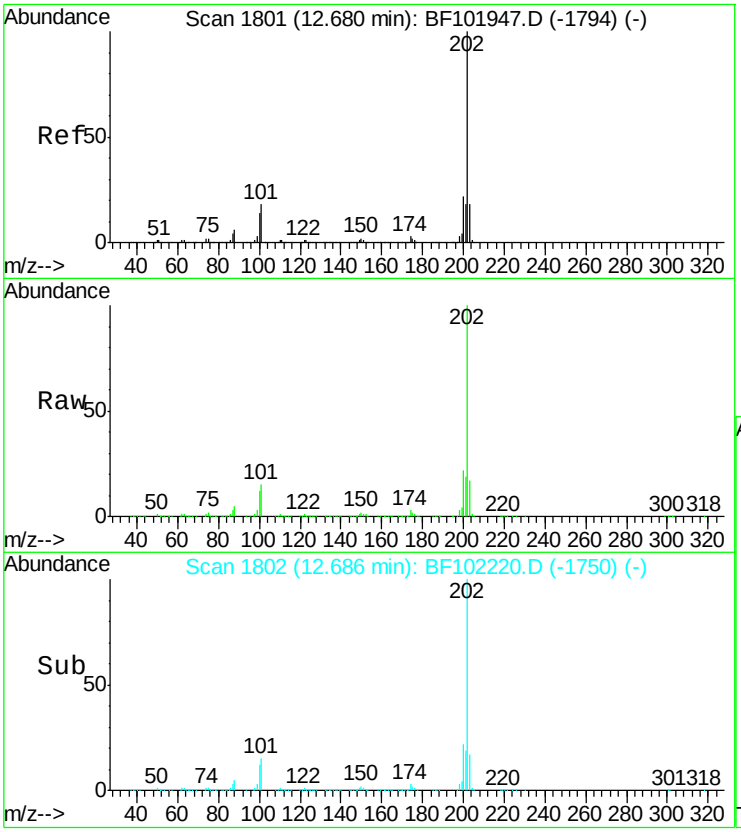


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:240 Resp: 260124

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	24.6	20.7	31.1



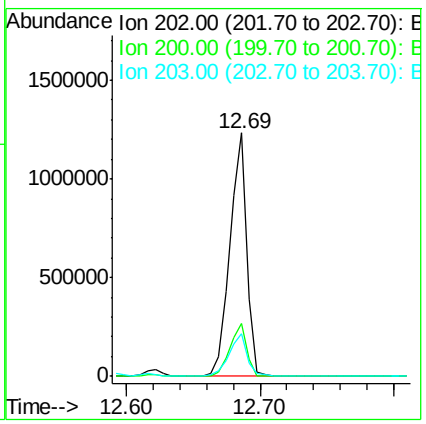


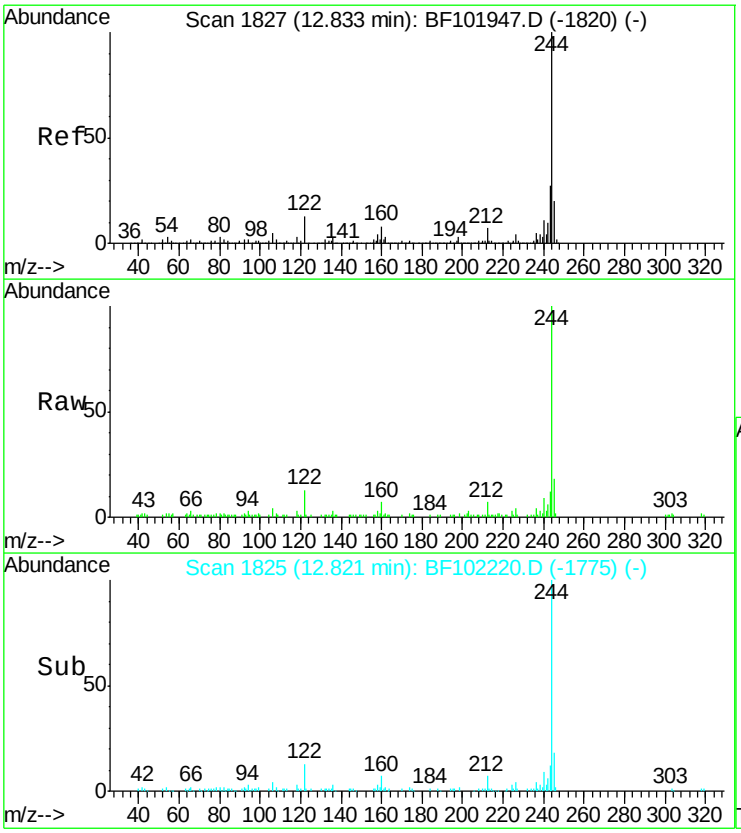
#77
Pyrene
Concen: 47.752 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:202 Resp: 1097977

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

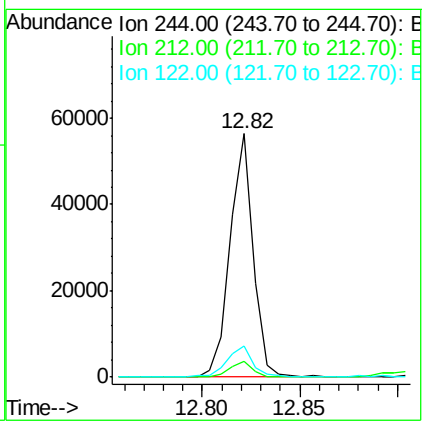


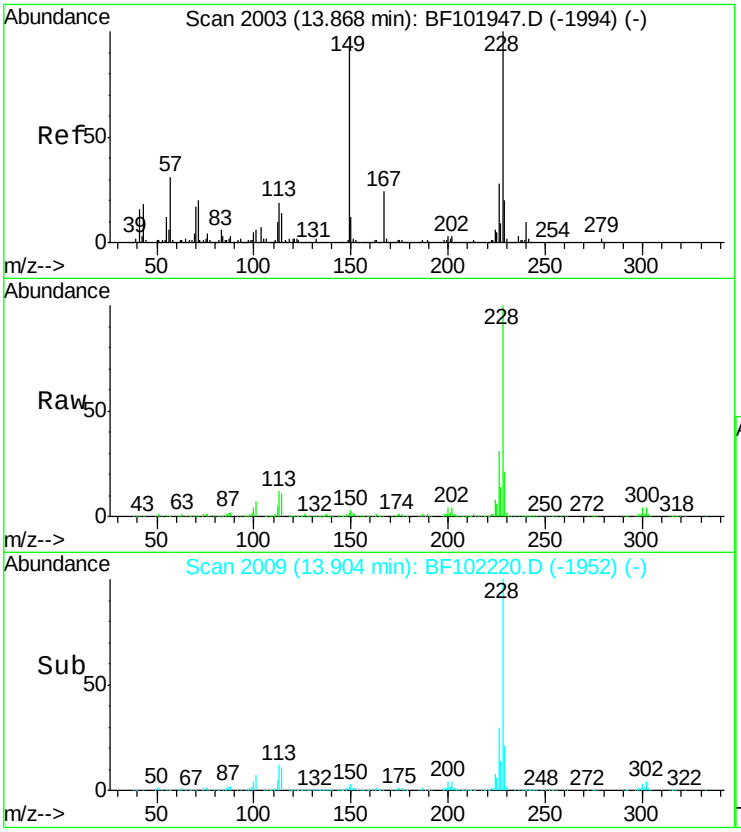


#78
Terphenyl-d14
Concen: 3.684 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:244 Resp: 46159

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.7	11.0	16.4



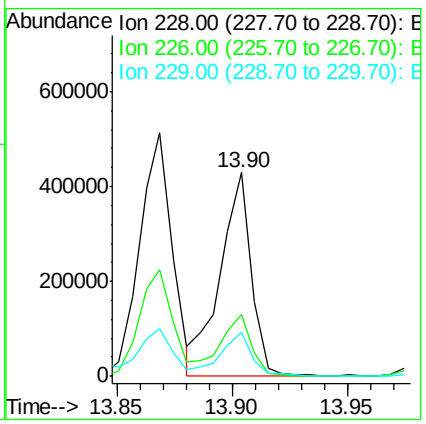


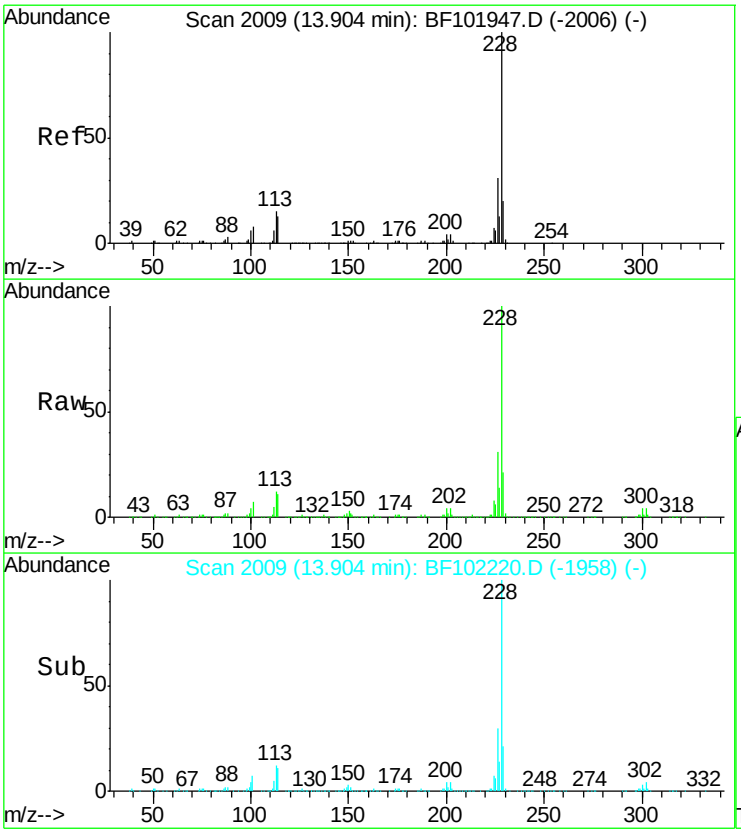
#80
Benzo(a)anthracene
Concen: 24.165 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:228 Resp: 401056

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.3	15.8	23.6

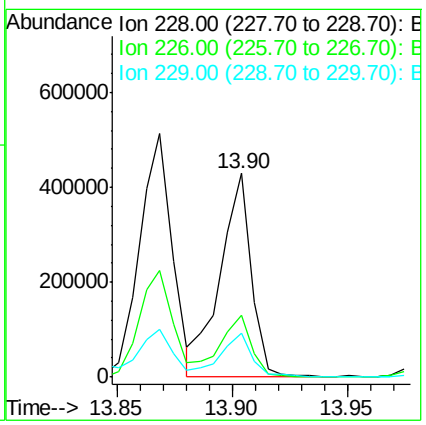


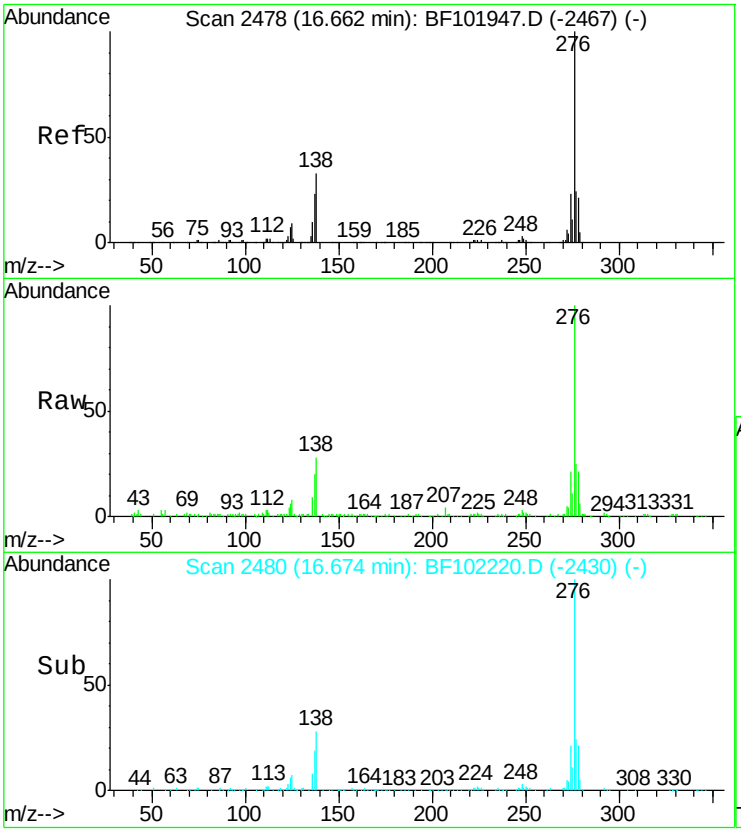


#82
Chrysene
Concen: 23.175 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:228 Resp: 401056

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.3	16.2	24.4



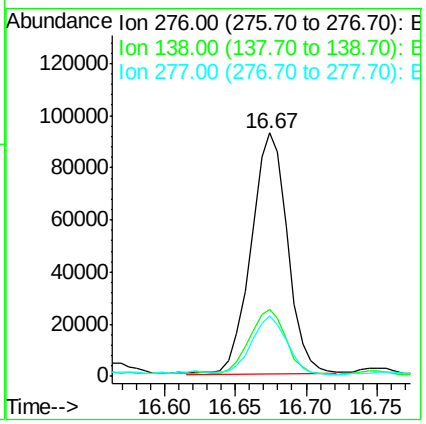


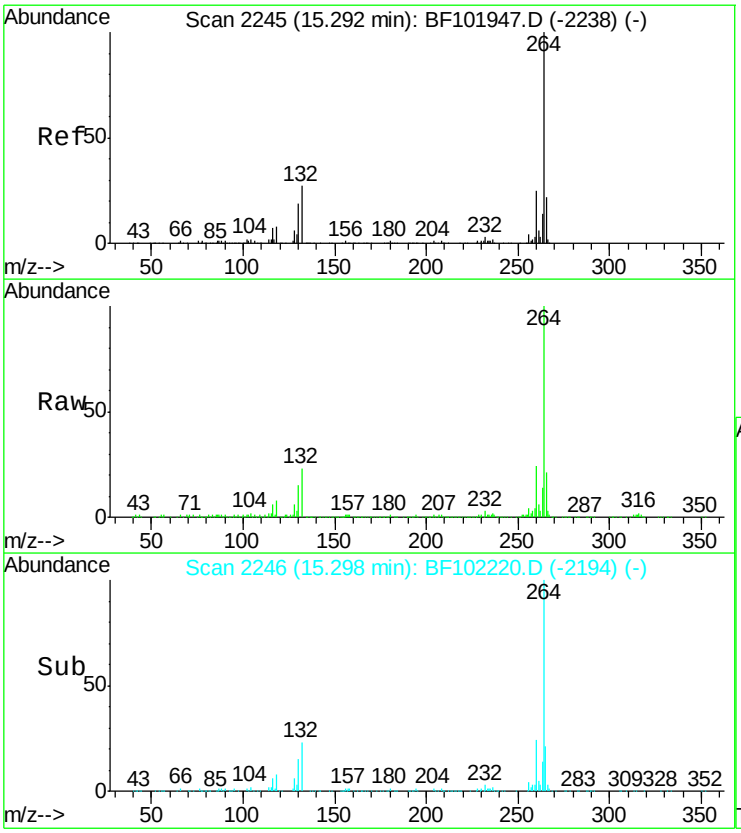
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.312 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:276 Resp: 167669

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	24.0	20.1	30.1

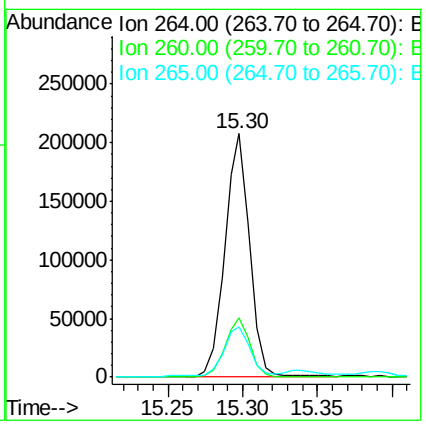


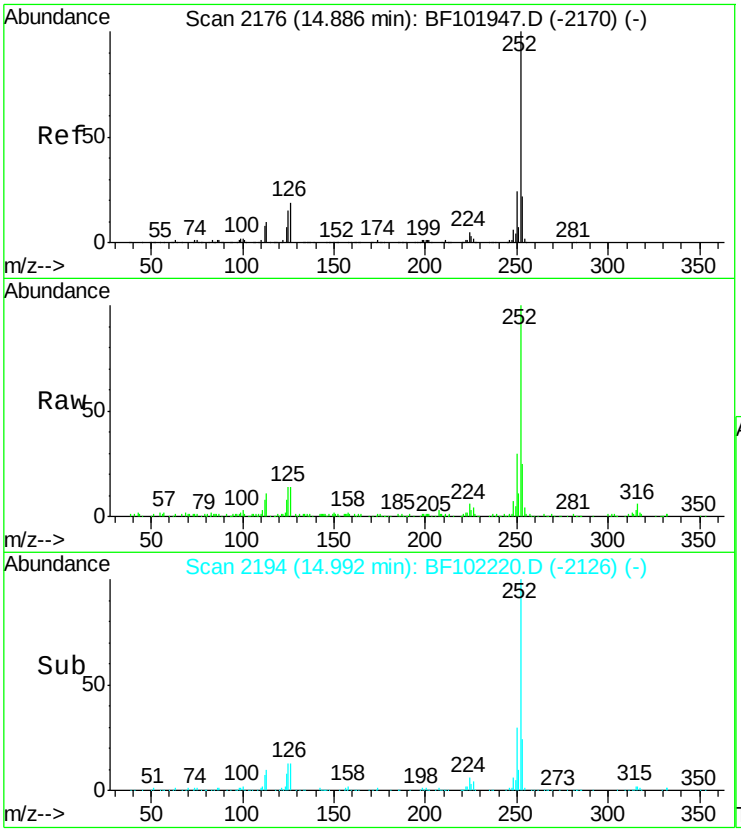


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:264 Resp: 240448

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	17.5	26.3



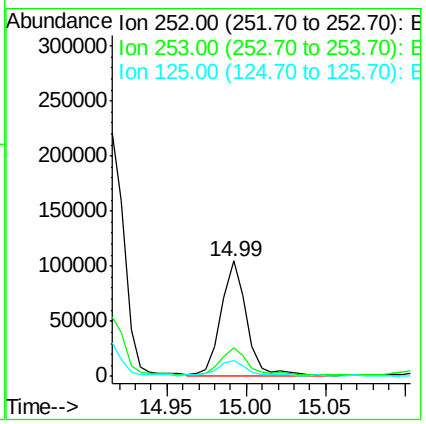


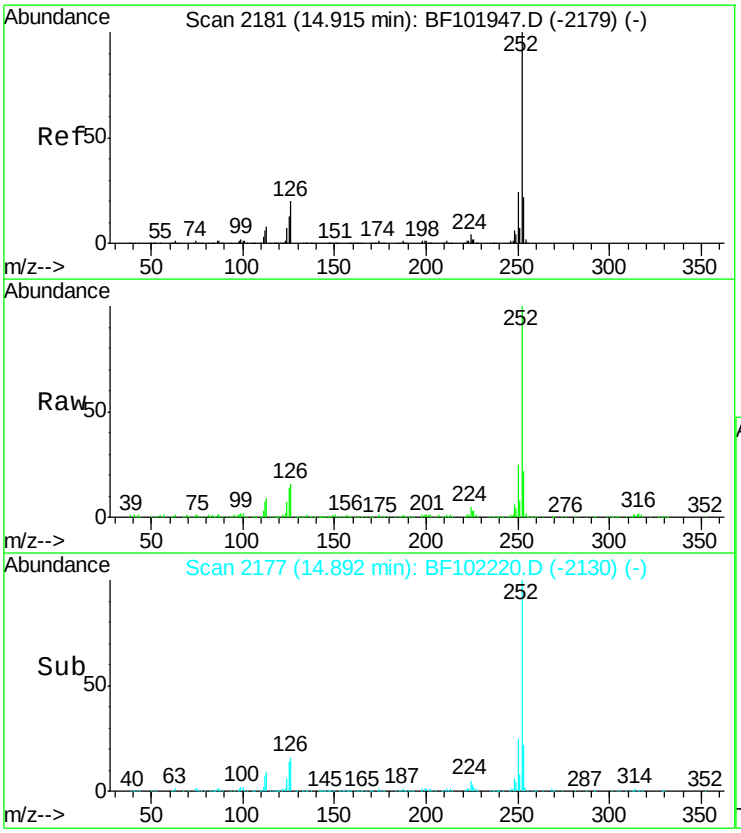
#87
Benzo(b)fluoranthene
Concen: 7.440 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.10 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:252 Resp: 116641

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	13.5	9.0	13.6

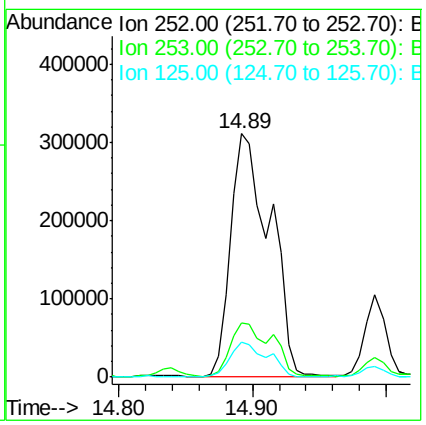


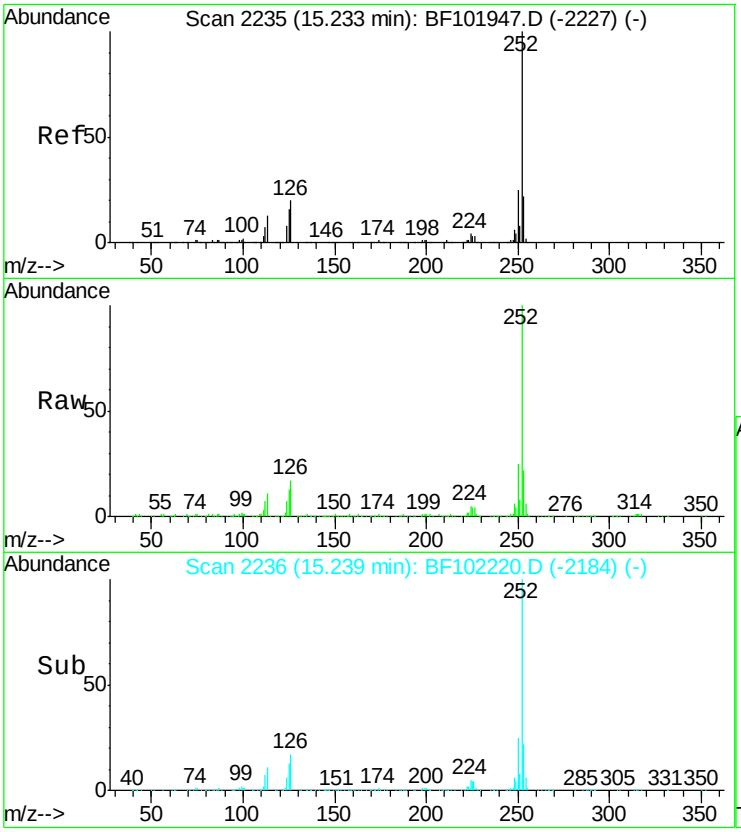


#88
Benzo(k)fluoranthene
Concen: 42.286 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:252 Resp: 639537

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.3	10.2	15.2



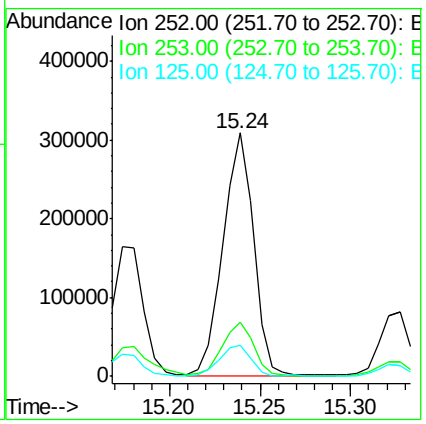


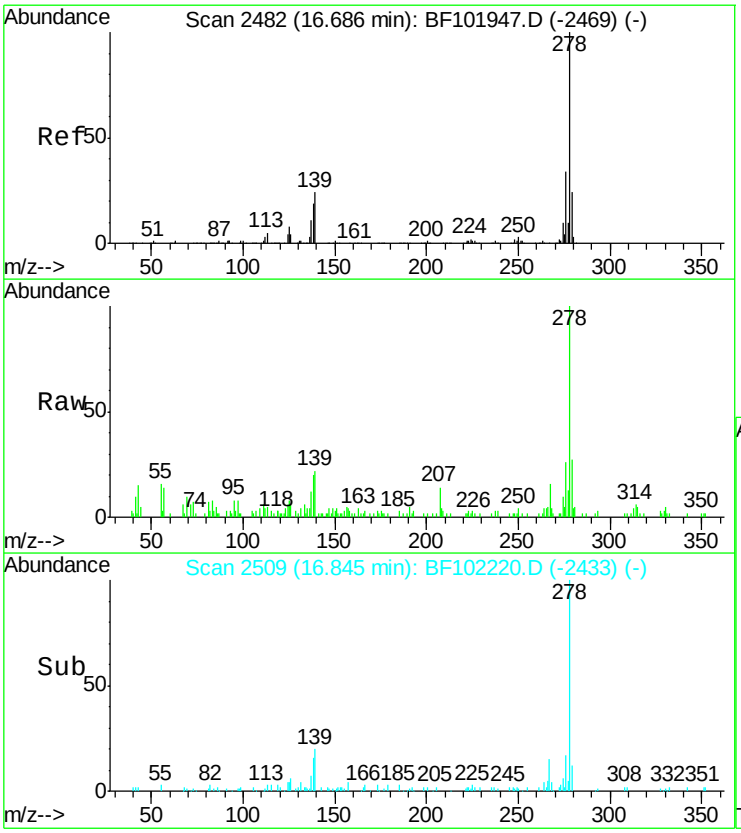
#89
Benzo(a)pyrene
Concen: 25.581 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:252 Resp: 360893

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.8	9.8	14.6

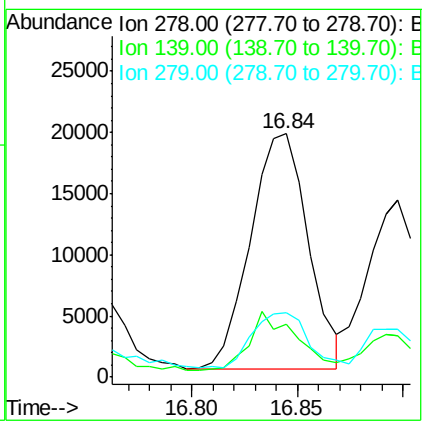


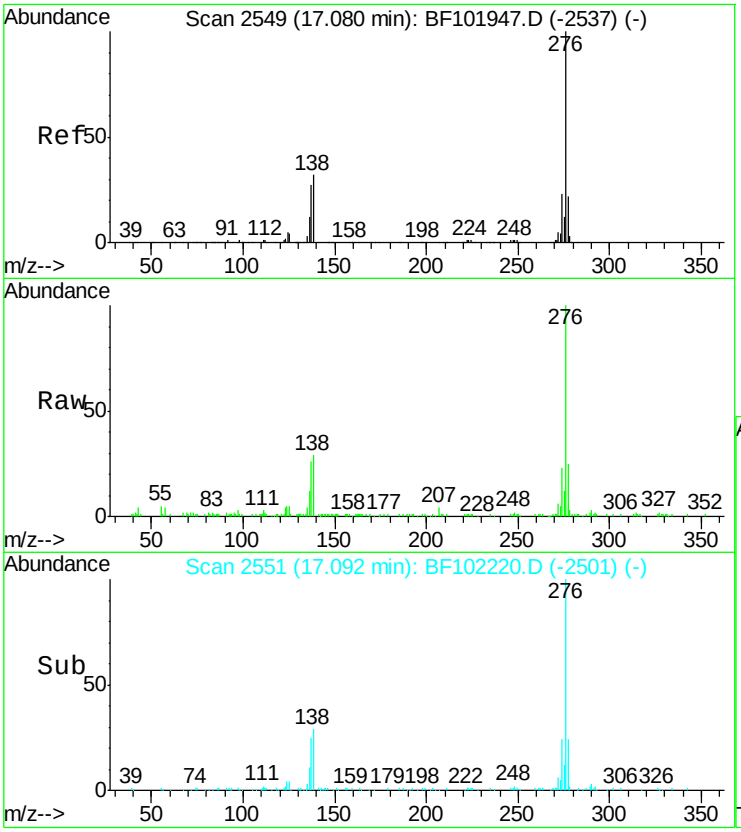


#90
Dibenzo(a,h)anthracene
Concen: 3.252 ng
RT: 16.84 min Scan# 2509
Delta R.T. 0.15 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Tgt Ion:278 Resp: 36618

Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	26.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.972 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF102220.D
Acq: 19 Jan 2018 14:12

Instrument :
BNA_F
ClientSampleId :
A2_SB74_BOT-N_10

Tgt Ion:276 Resp: 135775

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	29.0	21.8	32.8