Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 05 12:44:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59023	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	216353	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	110080	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	195285	20.00	ng		0.01
75) Chrysene-d12	14.03	240	119727	20.00	ng		0.01
86) Perylene-d12	15.50	264	123294	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	335070	93.81	ng		0.01
7) Phenol-d6	6.49	99	399670	92.16	ng		0.00
23) Nitrobenzene-d5	7.42	82	241045	66.46	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	108786	82.27	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	479189	59.56	ng		0.00
78) Terphenyl-d14	12.97	244	446652	81.60	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	7564	2.85	ng		89
10) Phenol	6.49	94	12803	2.66	ng	#	65
18) Hexachloroethane	7.38	117	14439	9.57	ng	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	33722	11.55	ng	#	83
25) Isophorone	7.42	82	238578	38.51	ng	#	64
31) Naphthalene	8.17	128	3485222	326.85	ng		98
32) Benzoic acid	8.17	122	9031	4.11	ng	#	1
33) 4-Chloroaniline	8.17	127	487955	113.89	ng	#	35
37) 2-Methylnaphthalene	8.86	142	1044757	144.20	ng		97
45) 1,1'-Biphenyl	9.31	154	450250	44.64	ng		98
47) 2-Nitroaniline	9.41	65	8991	4.24	ng	#	28
48) Acenaphthylene	9.75	152	238074	20.23	ng	#	96
49) Dimethylphthalate	9.60	163	60631	6.83	ng		99
50) 2,6-Dinitrotoluene	9.58	165	6339	3.39	ng	#	59
51) Acenaphthene	9.94	154	1112962	157.90	ng		99
53) 2,4-Dinitrophenol	10.06	184	292	5.11	ng	#	1
54) Dibenzofuran	10.09	168	75131	7.40	ng	#	92
55) 4-Nitrophenol	9.99	139	6485	4.57	ng	#	28
56) 2,4-Dinitrotoluene	10.20	165	26190	10.45	ng	#	48
57) Fluorene	10.45	166	713385	86.40	ng		98
61) 4-Nitroaniline	10.45	138	8637	3.96	ng	#	25
65) n-Nitrosodiphenylamine	10.29	169	26456	3.84	ng		95
66) 4-Bromophenyl-phenylether	10.68	248	7079	3.24	ng	#	1
70) Phenanthrene	11.44	178	3296808	306.56	ng		99
71) Anthracene	11.47	178	1020220	93.73	ng		99
74) Fluoranthene	12.62	202	1640616	137.62	ng		97
77) Pyrene	12.86	202	2231909	270.16	ng		98
80) Benzo(a)anthracene	14.06	228	540966	71.56	ng		96
82) Chrysene	14.06	228	540966	77.05	ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	253607	40.63	ng	#	87
87) Benzo(b)fluoranthene	15.08	252	592358	80.21	ng		99
88) Benzo(k)fluoranthene	15.08	252	592358	81.41	ng		98
89) Benzo(a)pyrene	15.45	252	528546	78.72	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	24460	4.13	ng		92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
Operator : SJ/JU
Sample : I6696-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 05 12:44:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	17.69	276	127598	22.87	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101115.D
Acq On : 5 Dec 2017 11:06
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Instrument :
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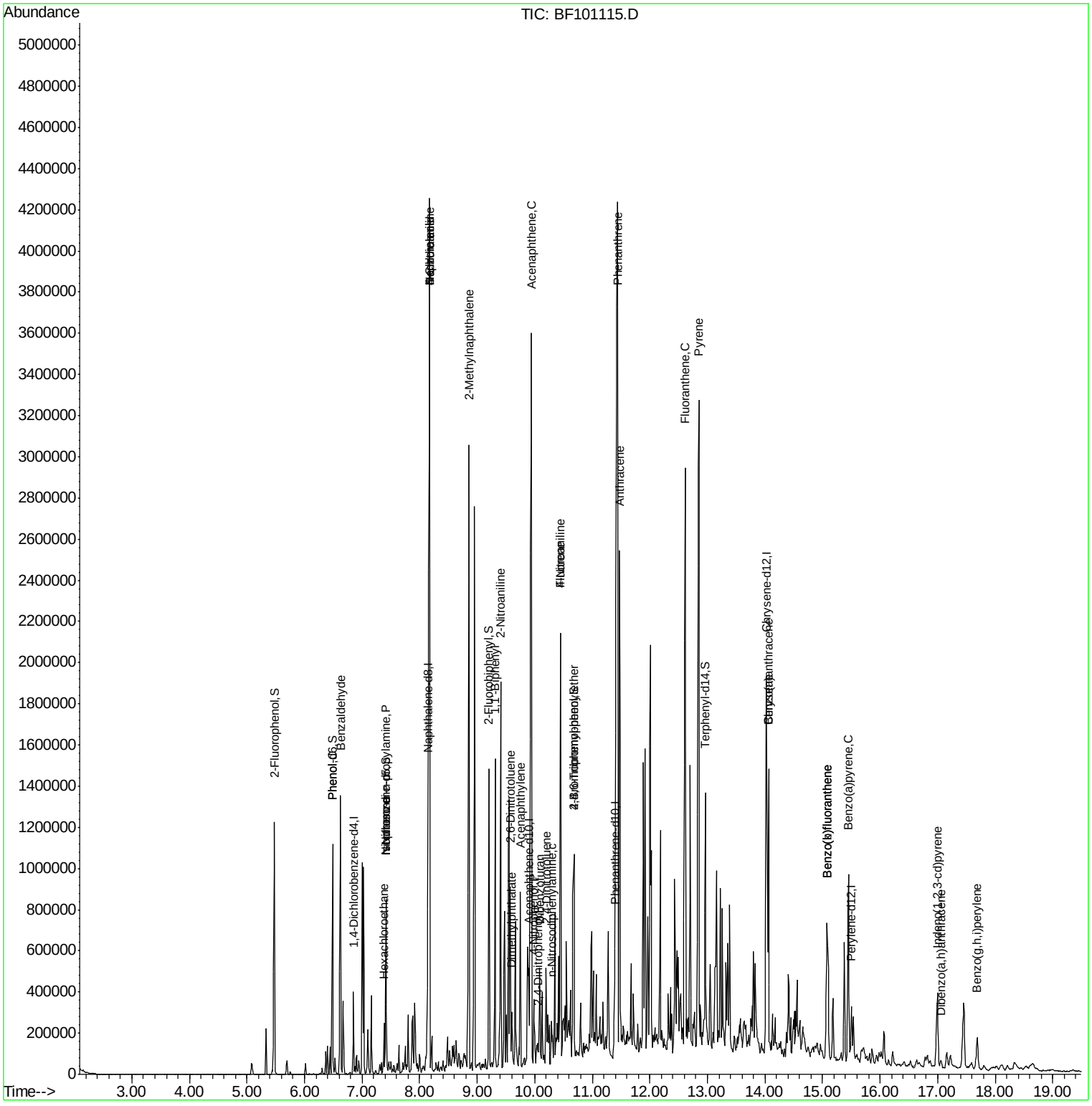
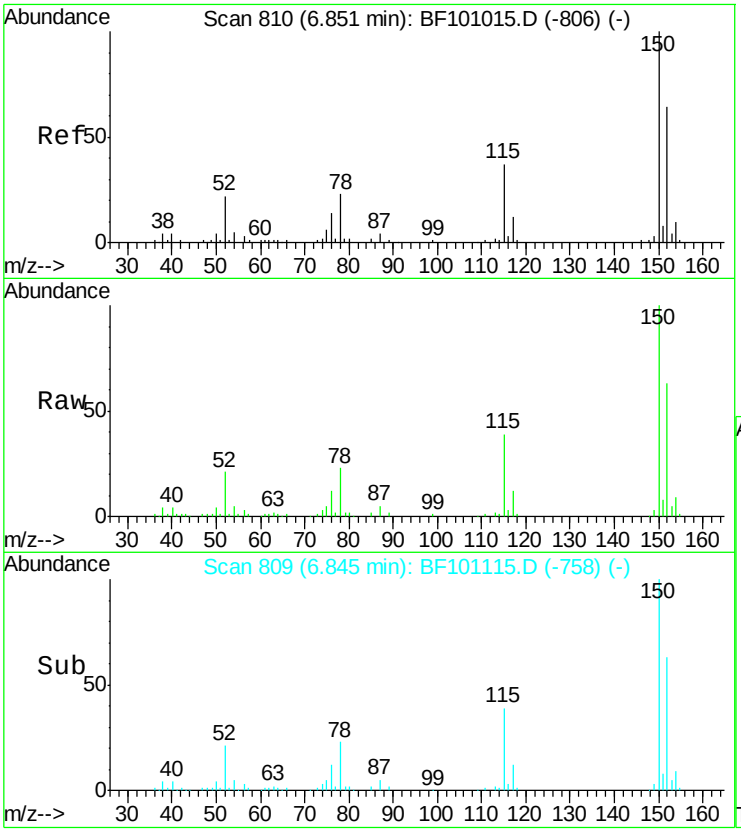
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



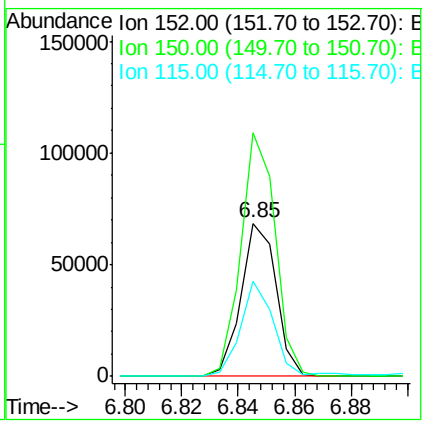


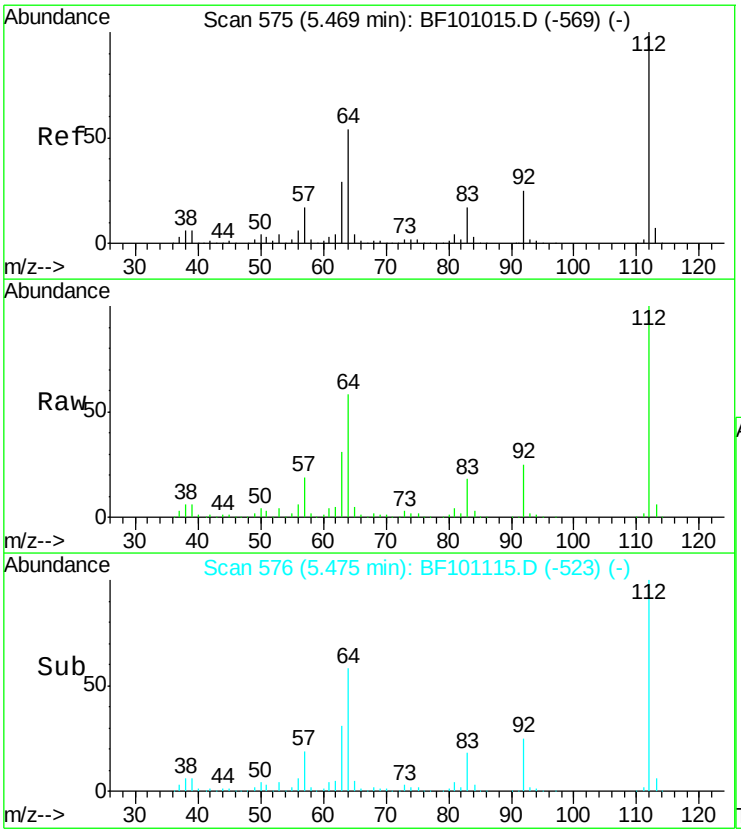
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 59023

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.7	50.1	75.1

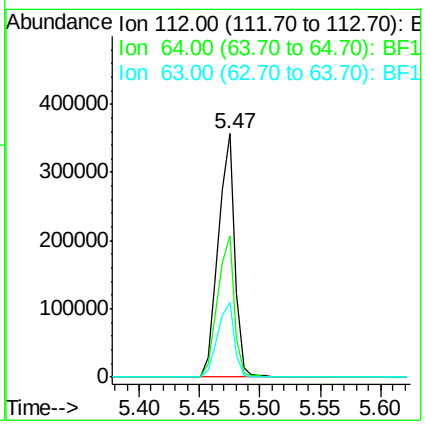


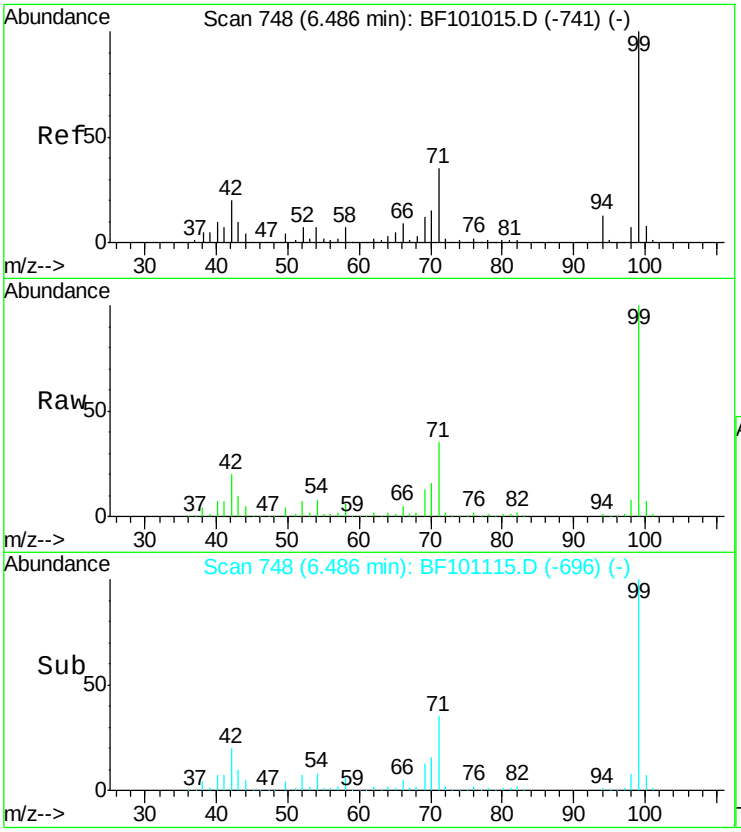


#5
2-Fluorophenol
Concen: 93.81 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:112 Resp: 335070

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.7	23.7	35.5



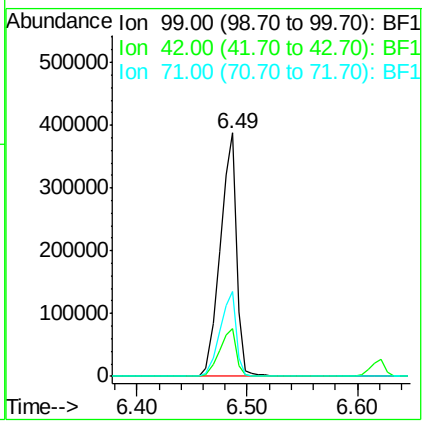


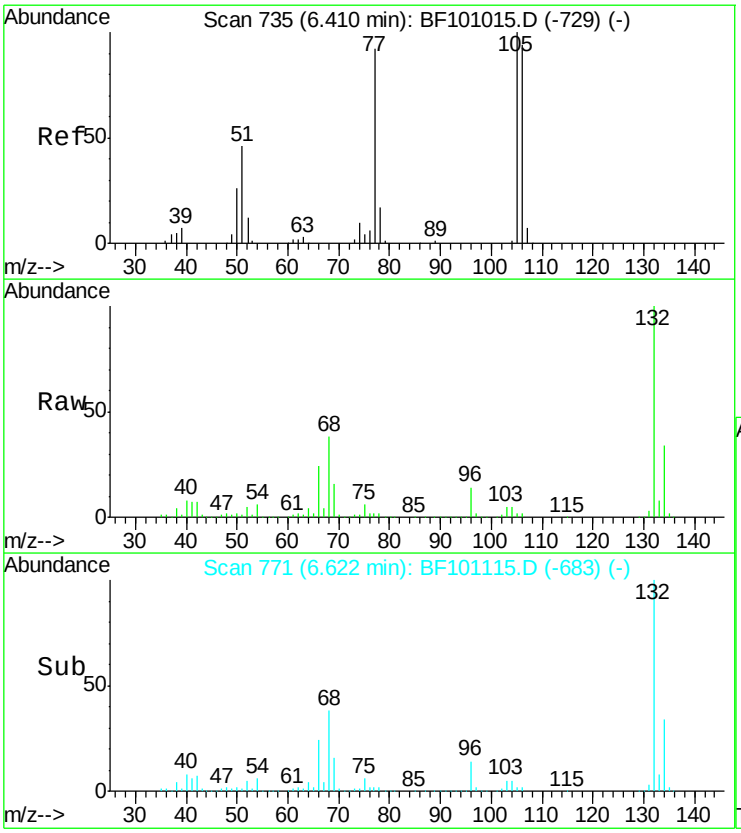
#7
Phenol-d6
Concen: 92.16 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 399670

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.9	25.4	38.0

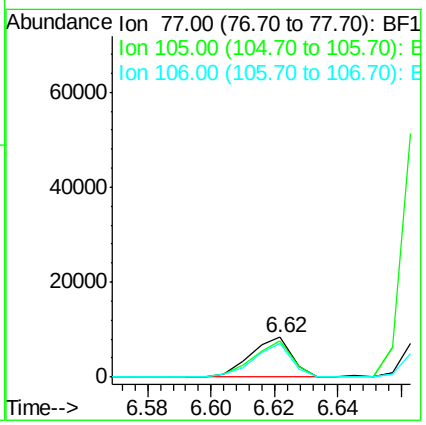


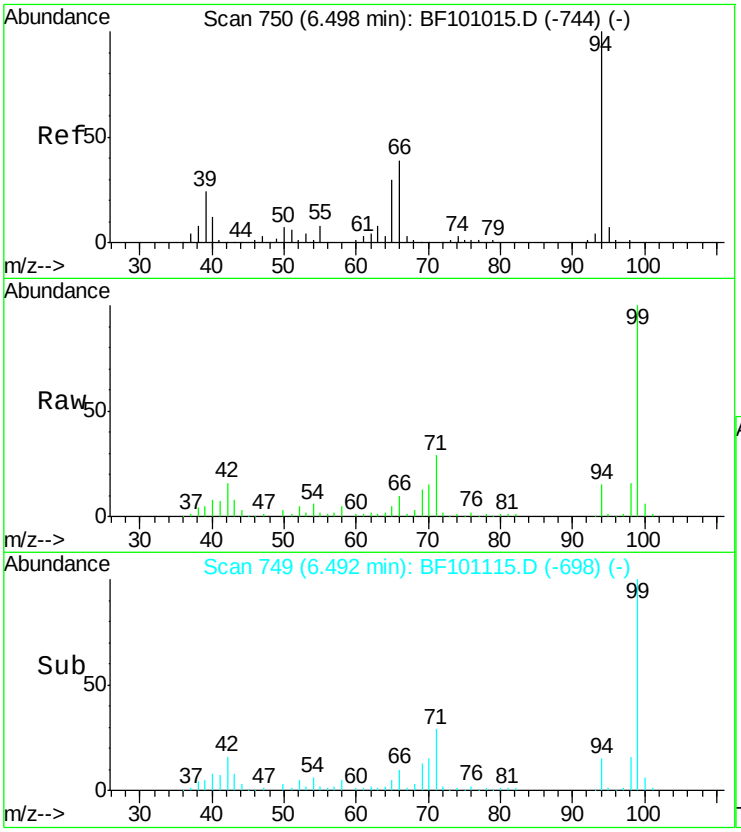


#9
Benzaldehyde
Concen: 2.85 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.22 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion: 77 Resp: 7564

Ion	Ratio	Lower	Upper
77	100		
105	89.6	81.1	121.1
106	83.8	74.5	114.5



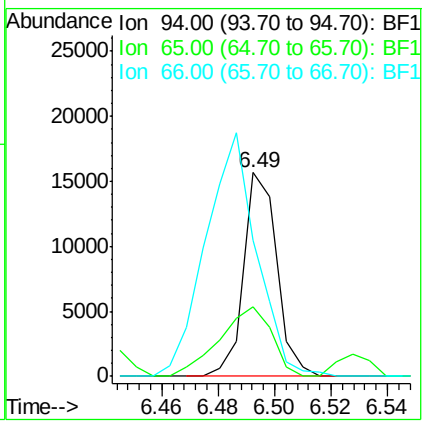


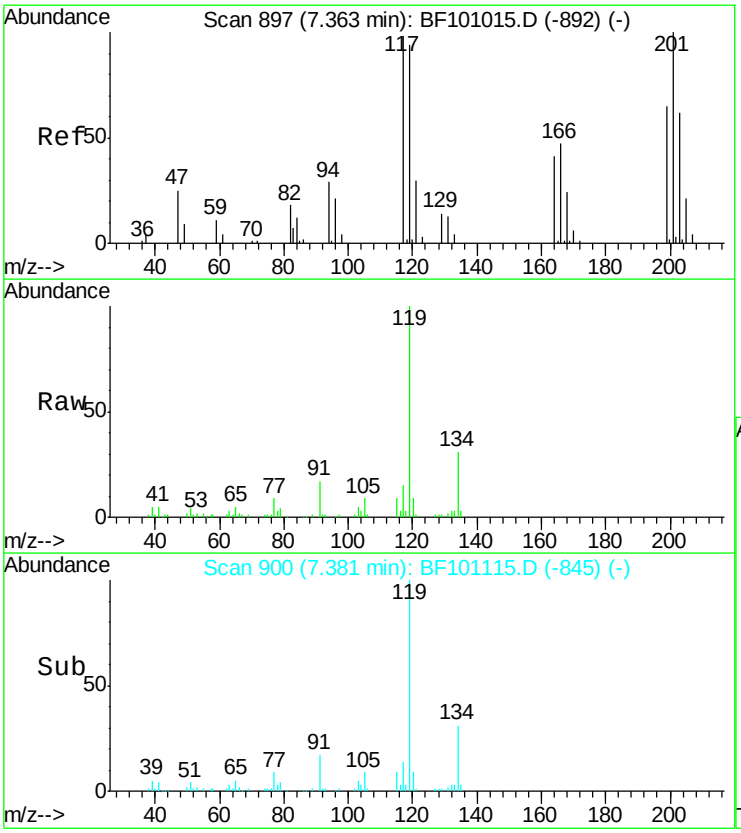
#10
Phenol
Concen: 2.66 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 12803

Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	67.1	16.2	56.2#

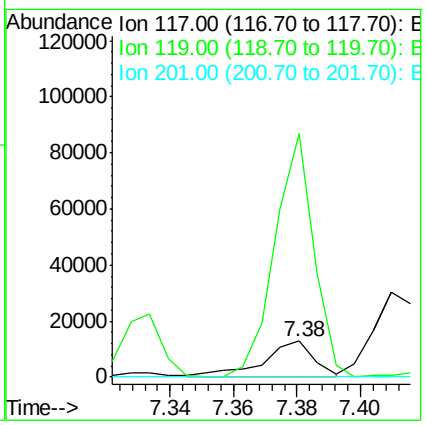


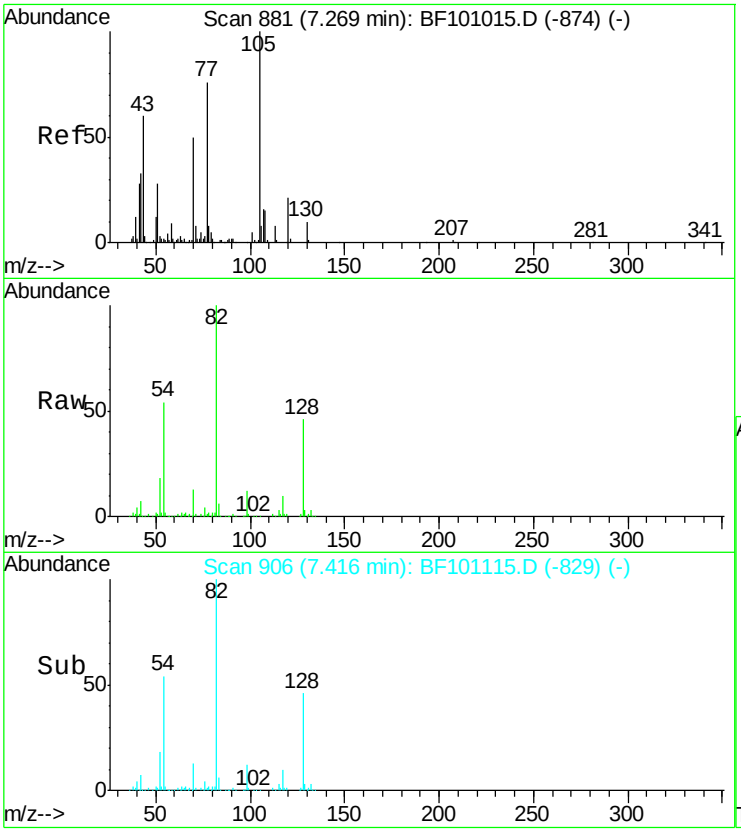


#18
Hexachloroethane
Concen: 9.57 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:117 Resp: 14439

Ion	Ratio	Lower	Upper
117	100		
119	673.2	75.8	113.8#
201	0.0	75.7	113.5#



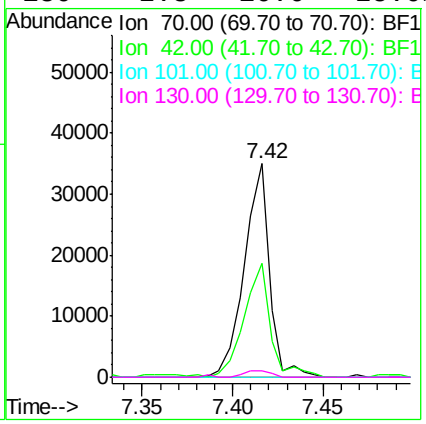


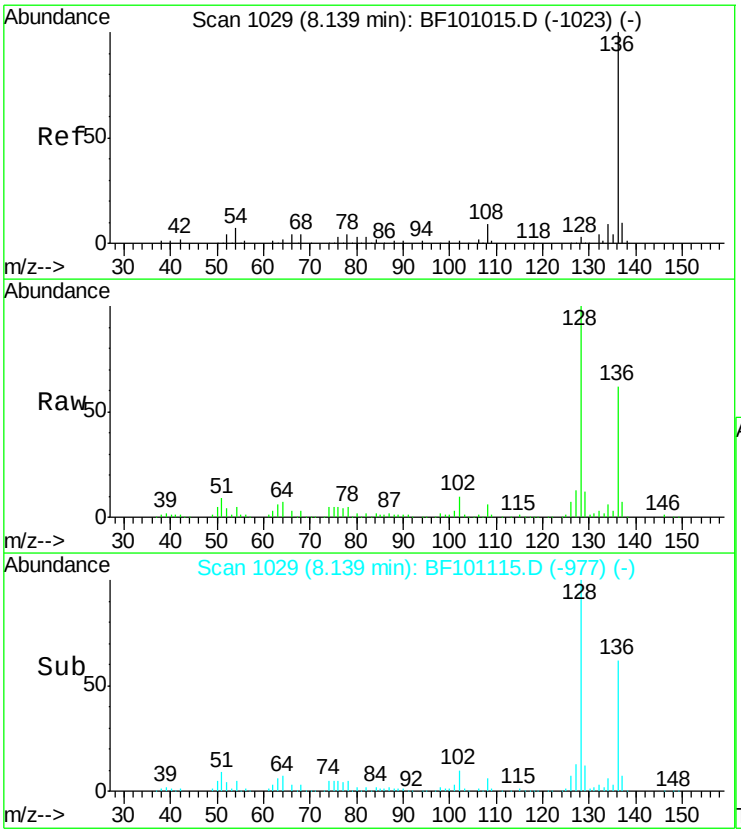
#19
n-Nitroso-di-n-propylamine
Concen: 11.55 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 33722

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

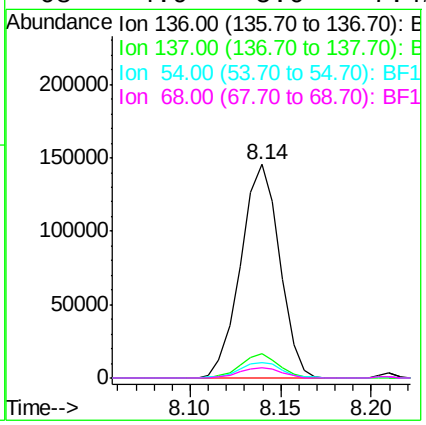


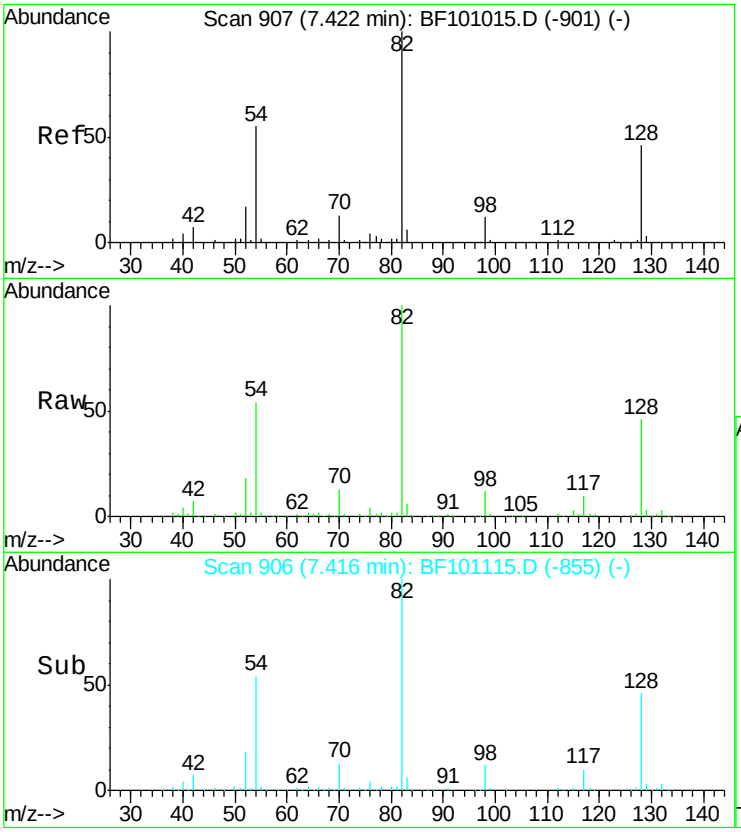


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:136 Resp: 216353

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.4	6.6	9.8
68	4.9	5.0	7.4#



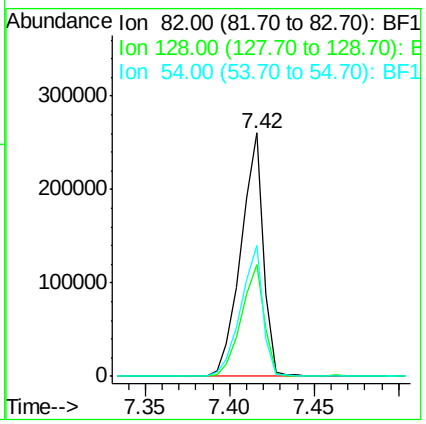


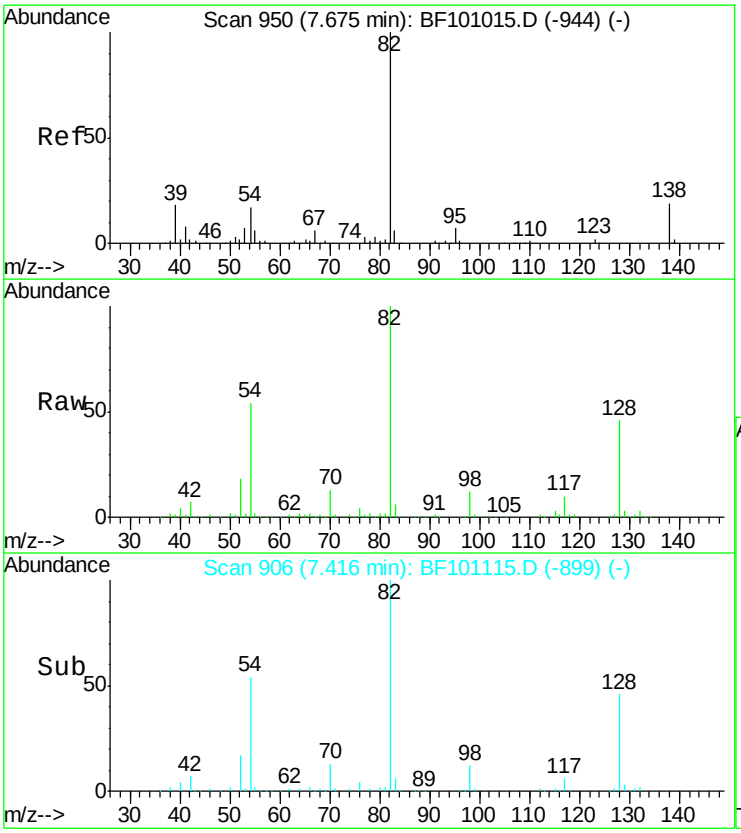
#23
Nitrobenzene-d5
Concen: 66.46 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 241045

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	53.7	41.4	62.2

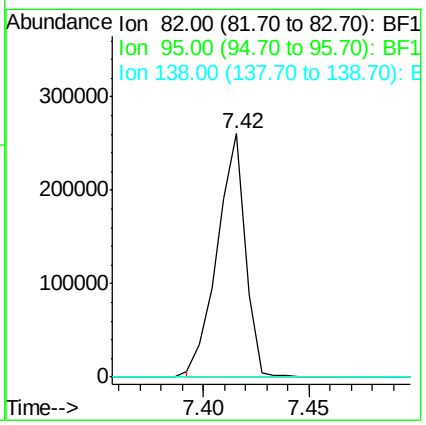


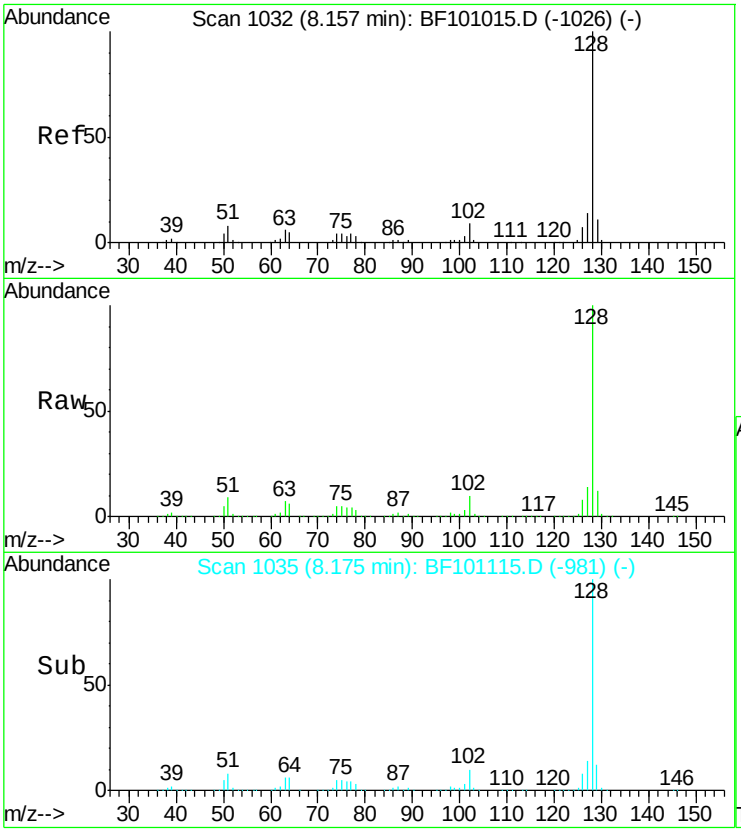


#25
Isophorone
Concen: 38.51 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion: 82 Resp: 238578

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



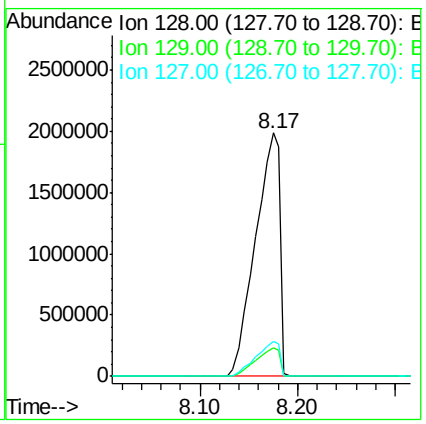


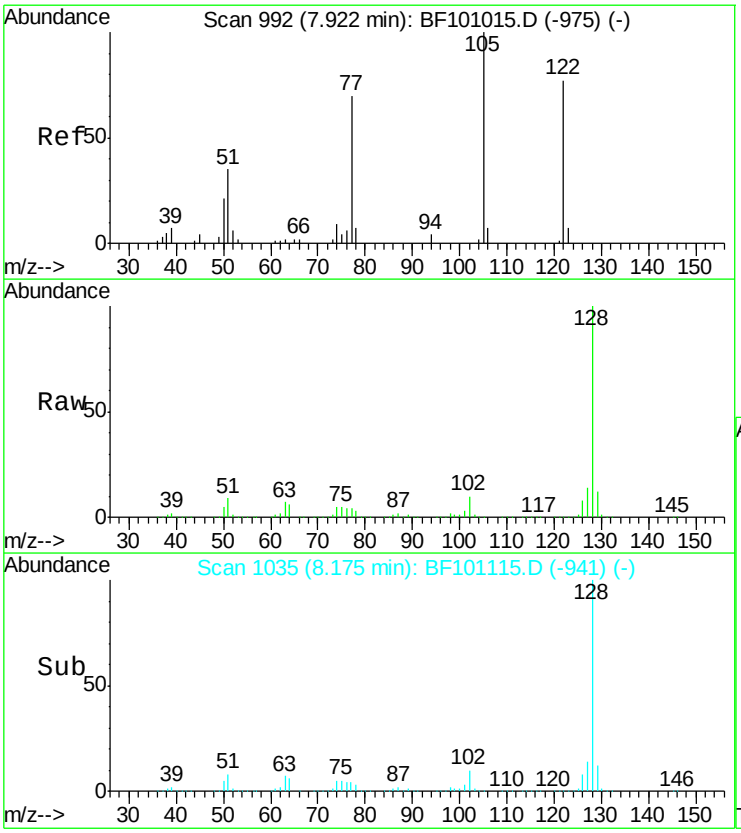
#31
Naphthalene
Concen: 326.85 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 3485222

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.3	10.9	16.3

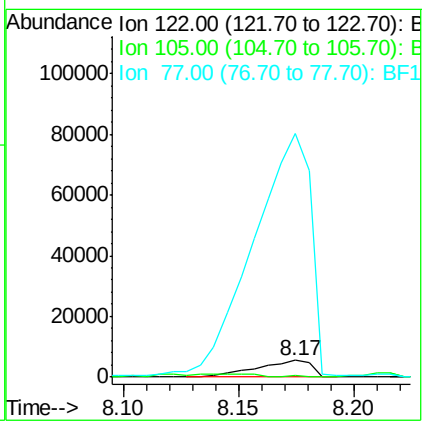


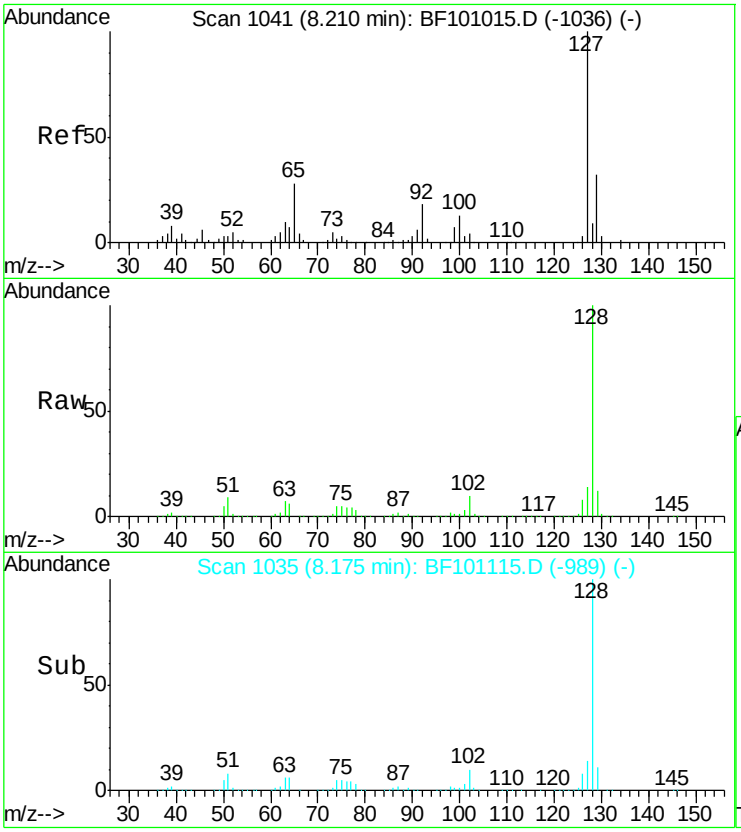


#32
Benzoic acid
Concen: 4.11 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.25 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:122 Resp: 9031

Ion	Ratio	Lower	Upper
122	100		
105	6.5	101.1	141.1#
77	1450.2	70.7	110.7#



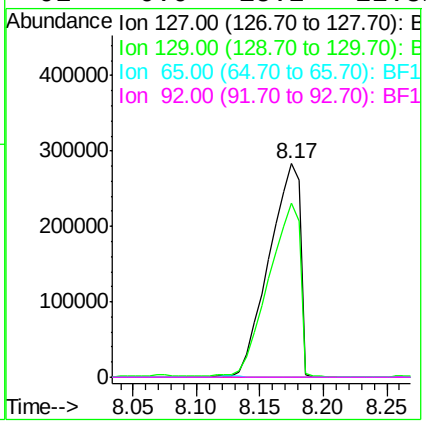


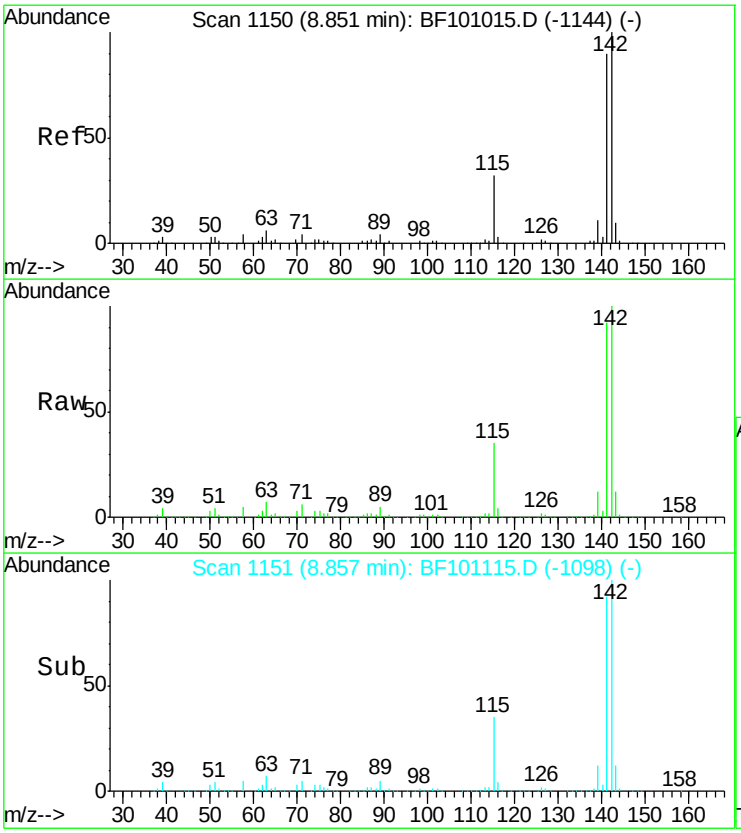
#33
4-Chloroaniline
Concen: 113.89 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 487955

Ion	Ratio	Lower	Upper
127	100		
129	81.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

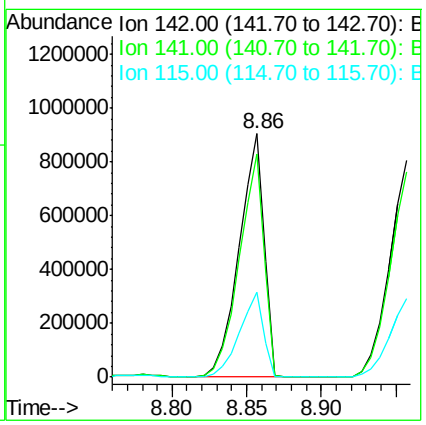


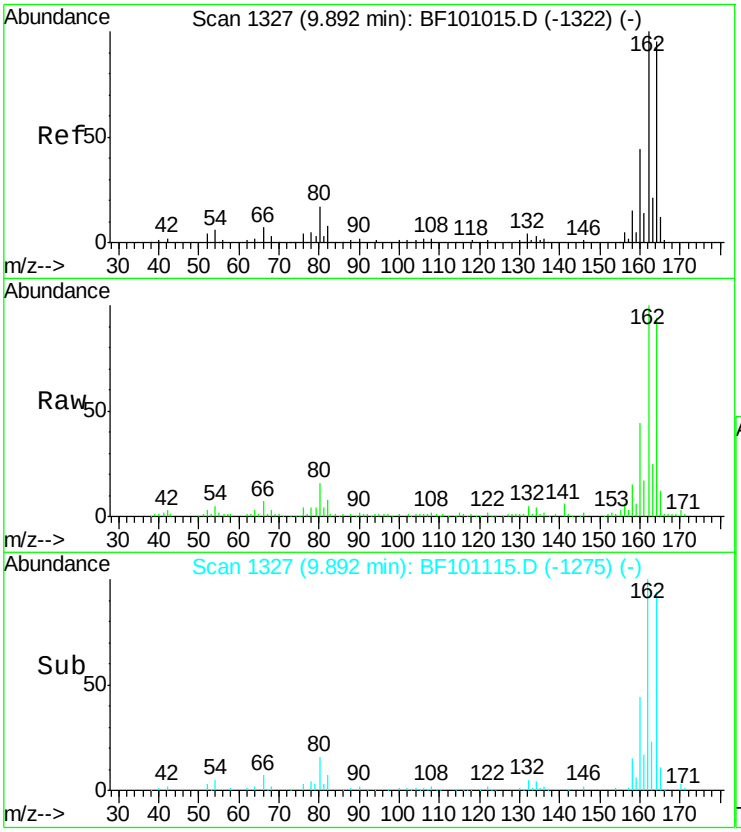


#37
2-Methylnaphthalene
Concen: 144.20 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:142 Resp: 1044757

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2
115	34.7	26.1	39.1



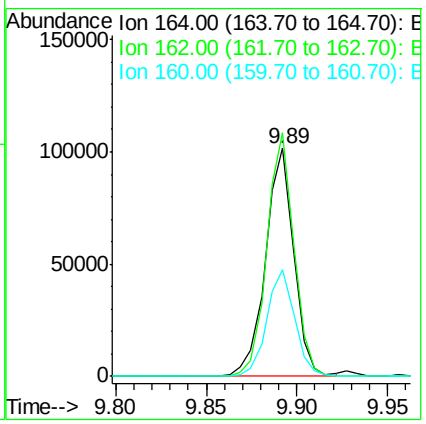


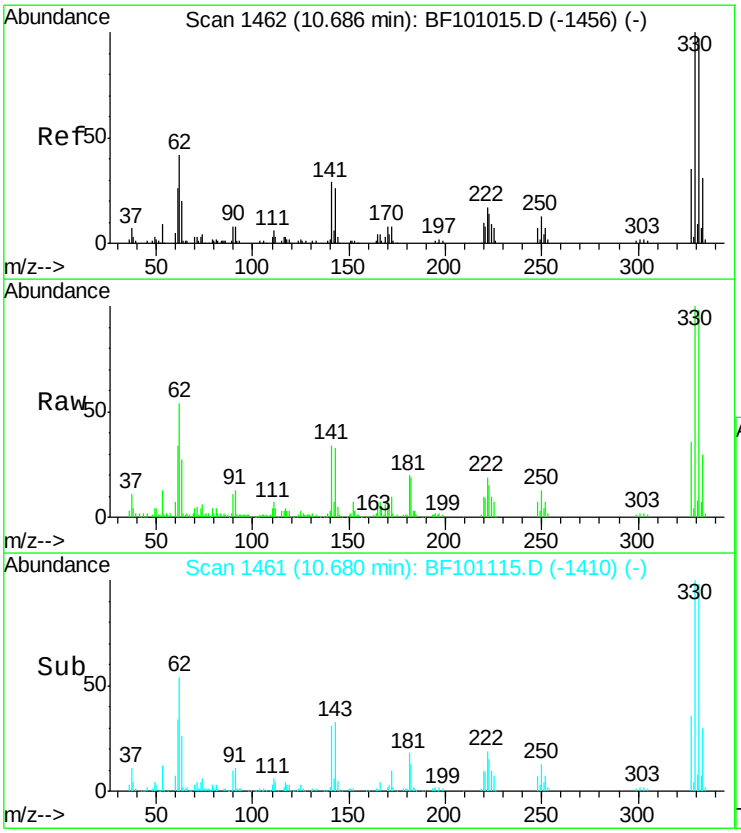
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 110080

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.8	38.3	57.5

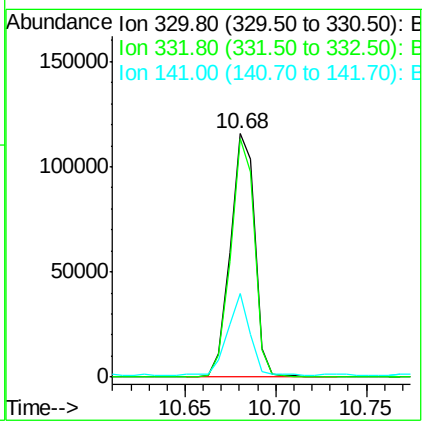


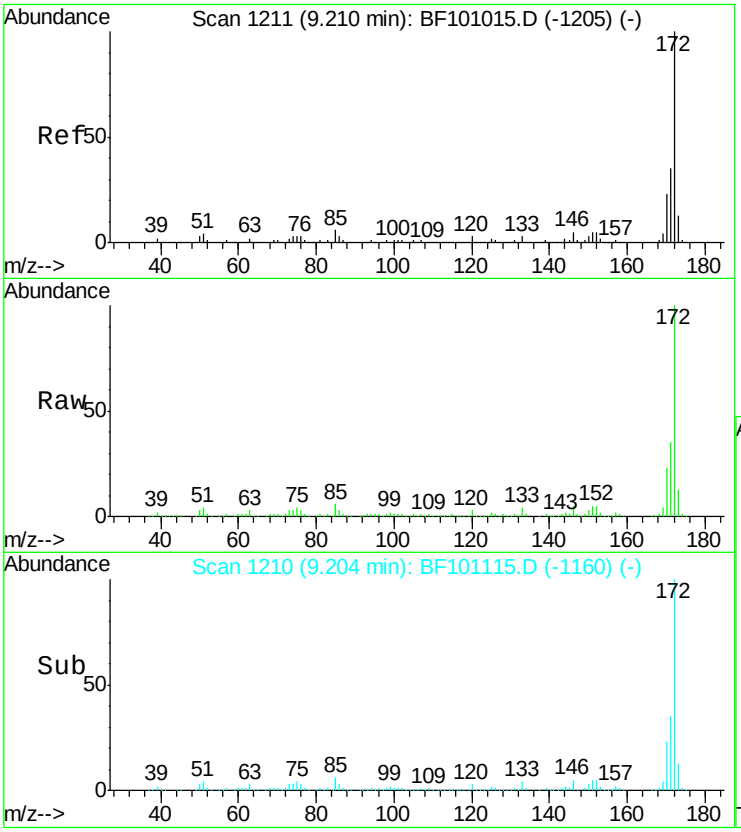


#41
2,4,6-Tribromophenol
Concen: 82.27 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:330 Resp: 108786

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	31.9	29.9	44.9

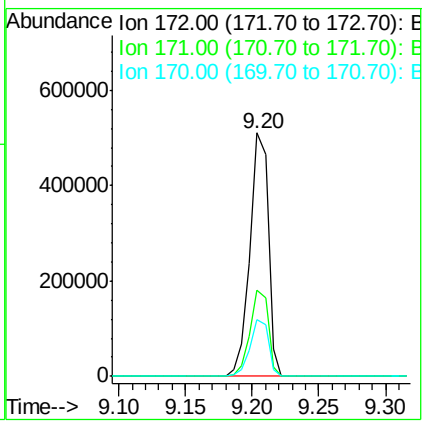




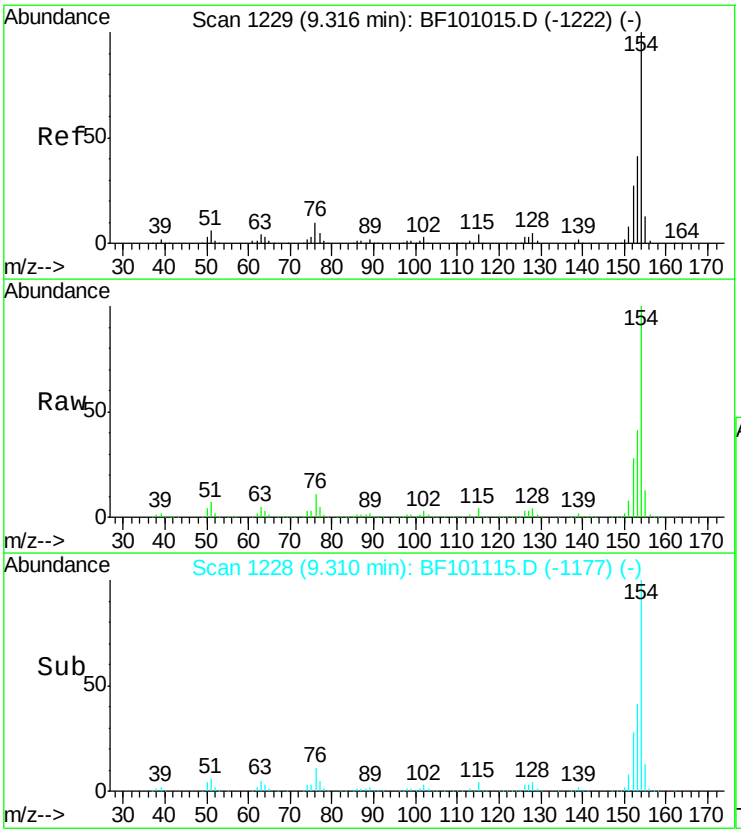
#44
2-Fluorobiphenyl
Concen: 59.56 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:172 Resp: 479189

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4



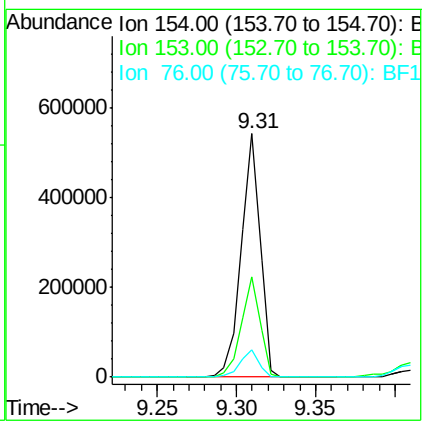
Instrument :
BNA_F
ClientSampleId :

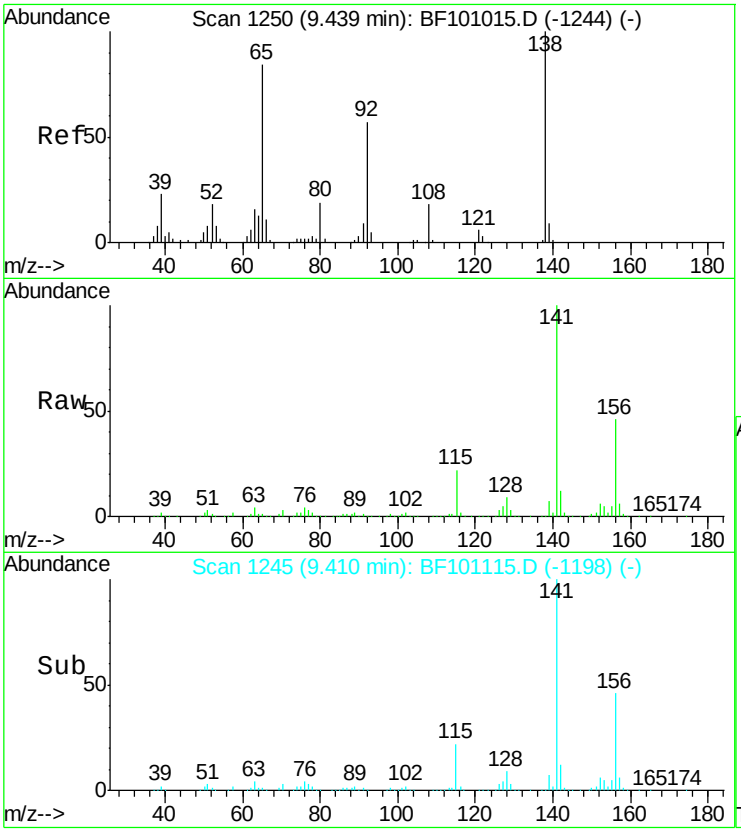


#45
1,1'-Biphenyl
Concen: 44.64 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:154 Resp: 450250

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	11.4	0.0	34.0



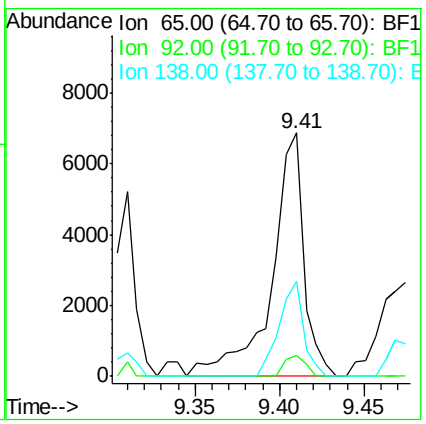


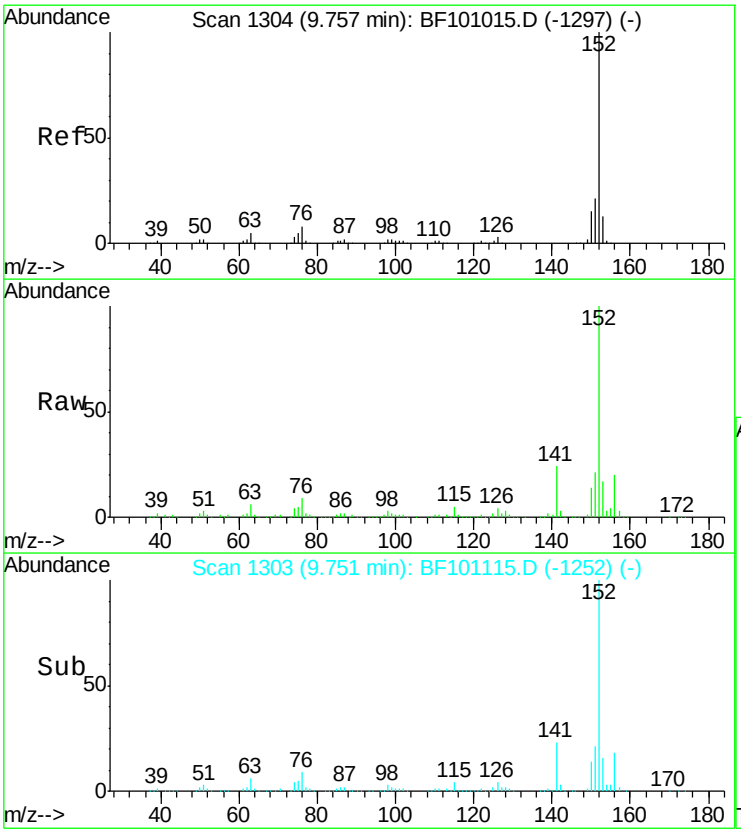
#47
2-Nitroaniline
Concen: 4.24 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion: 65 Resp: 8991

Ion	Ratio	Lower	Upper
65	100		
92	8.4	55.8	83.6#
138	39.1	91.2	136.8#

Instrument :
BNA_F
ClientSampleId :

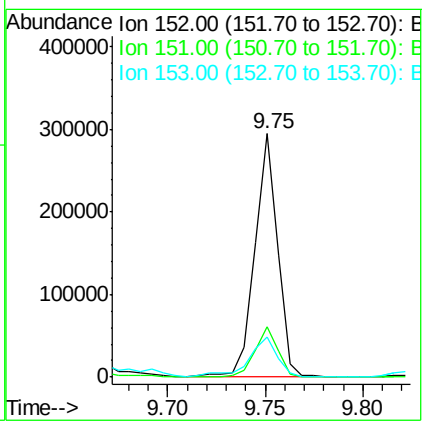


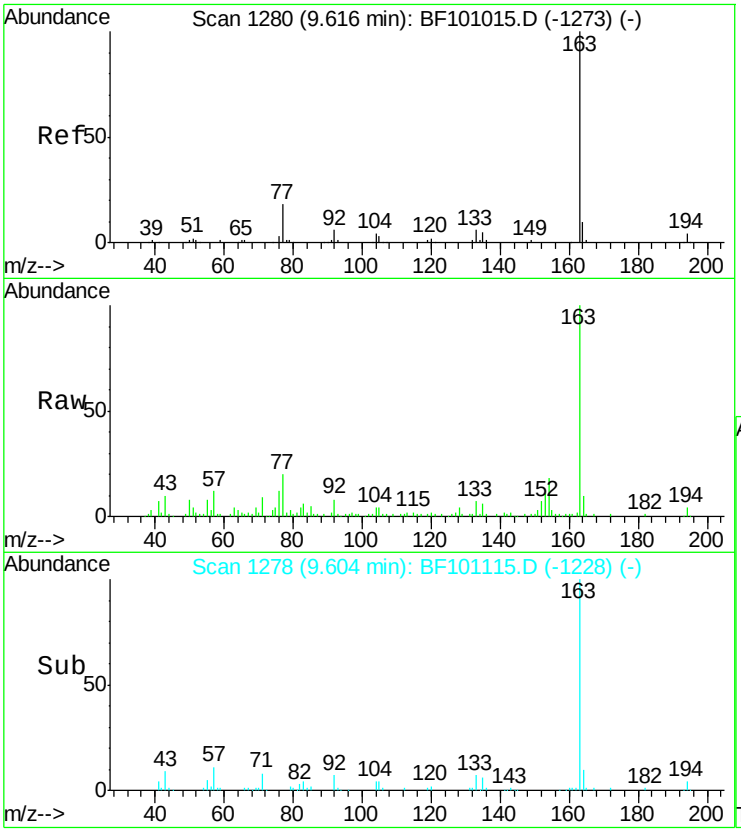


#48
Acenaphthylene
Concen: 20.23 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:152 Resp: 238074

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	16.7	10.7	16.1#



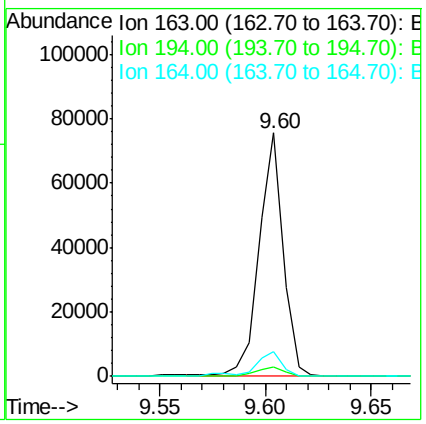


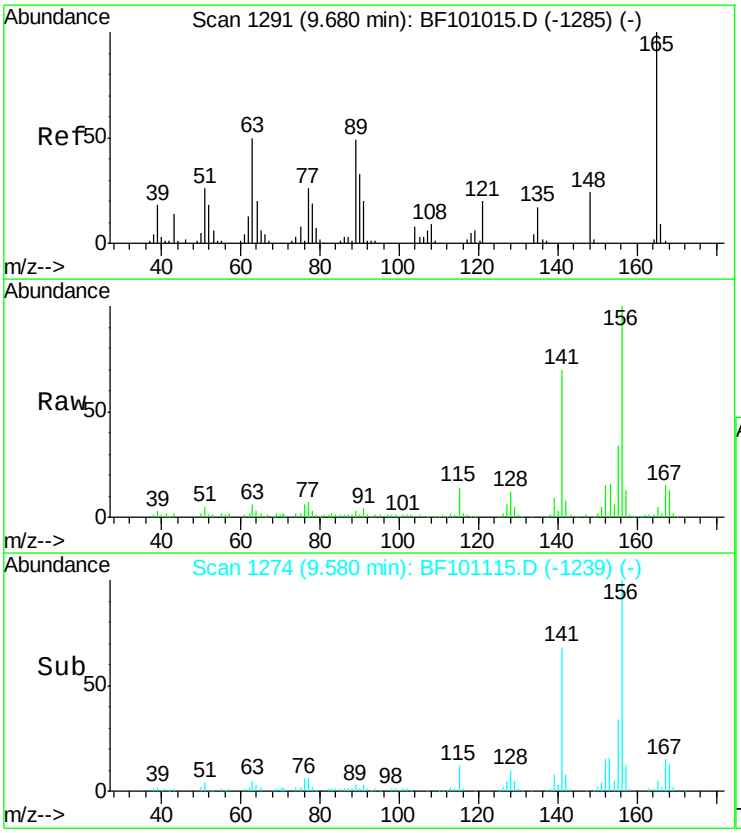
#49
Dimethylphthalate
Concen: 6.83 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 60631

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

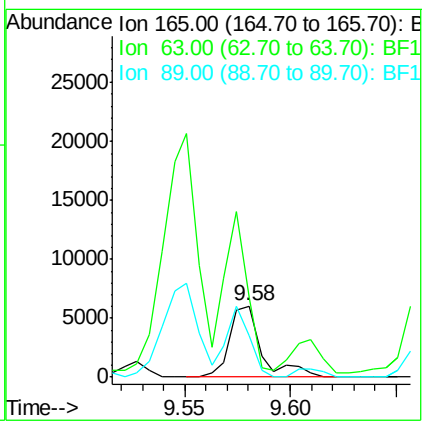


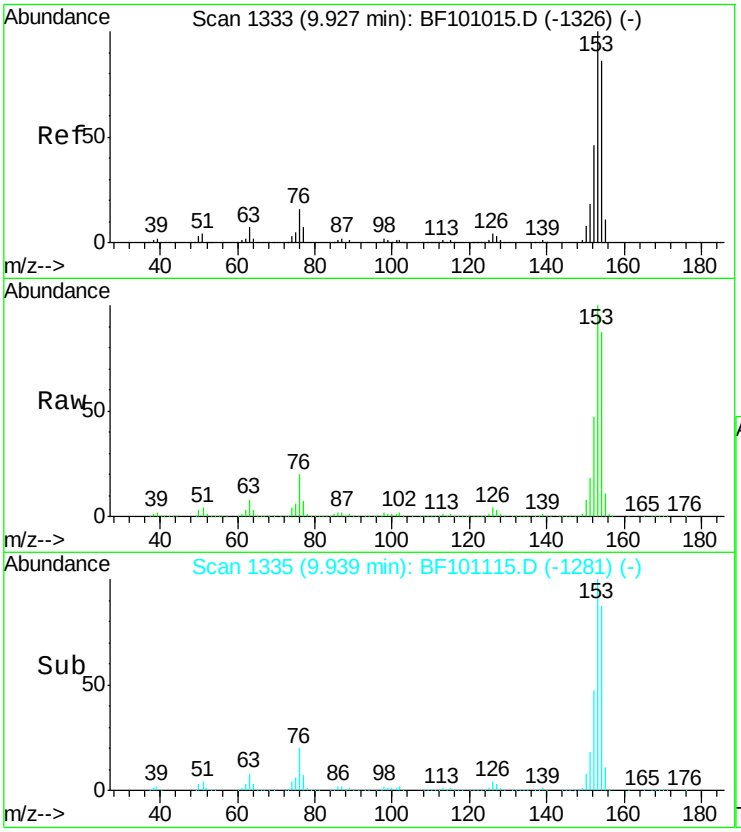


#50
2,6-Dinitrotoluene
Concen: 3.39 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.09 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:165 Resp: 6339

Ion	Ratio	Lower	Upper
165	100		
63	111.7	44.7	67.1#
89	58.6	44.0	66.0



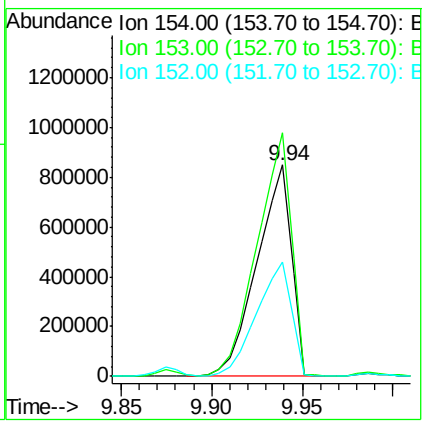


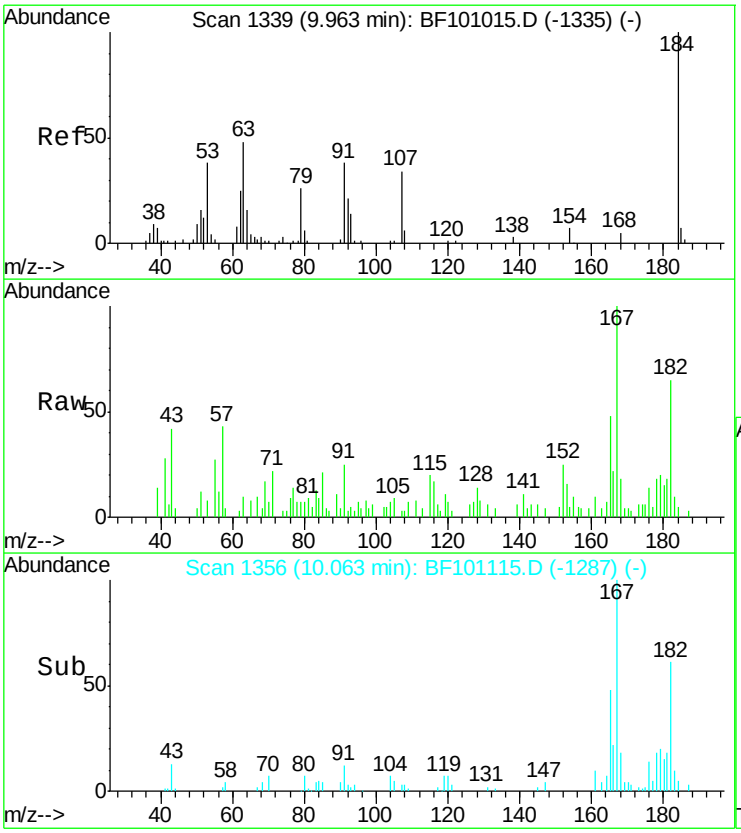
#51
Acenaphthene
Concen: 157.90 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1112962

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	54.1	43.8	65.8

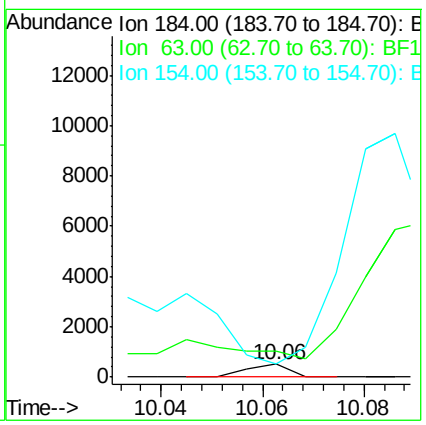


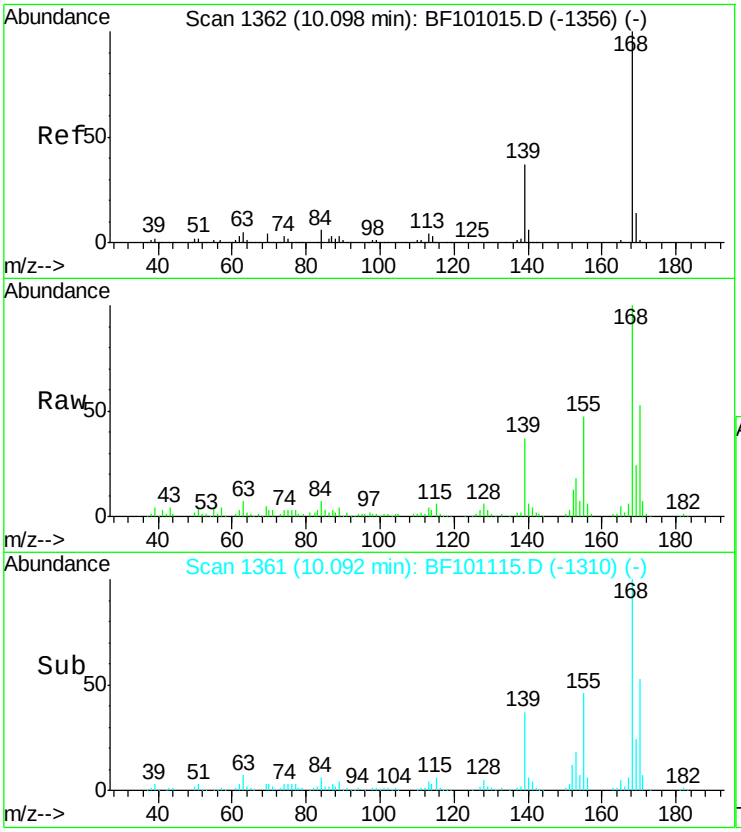


#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.11 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:184 Resp: 292

Ion	Ratio	Lower	Upper
184	100		
63	196.6	54.2	81.2#
154	96.4	184.0	276.0#



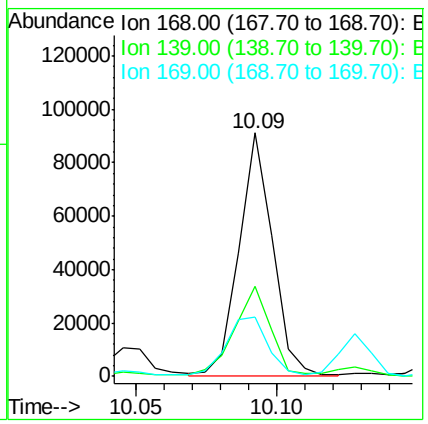


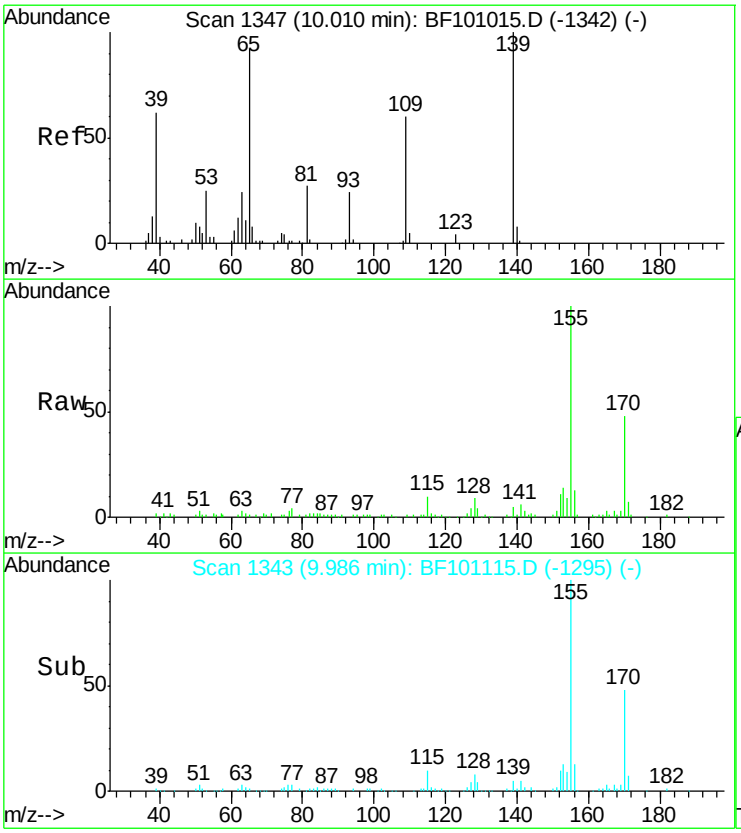
#54
Dibenzofuran
Concen: 7.40 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 75131

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	24.4	10.9	16.3#

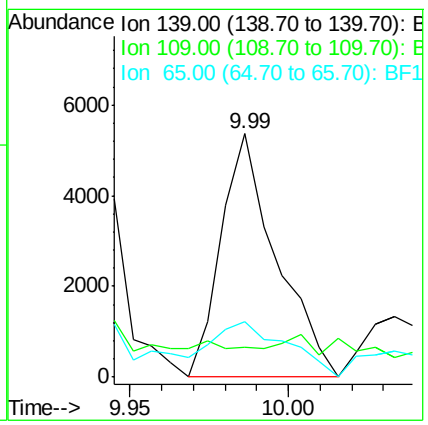


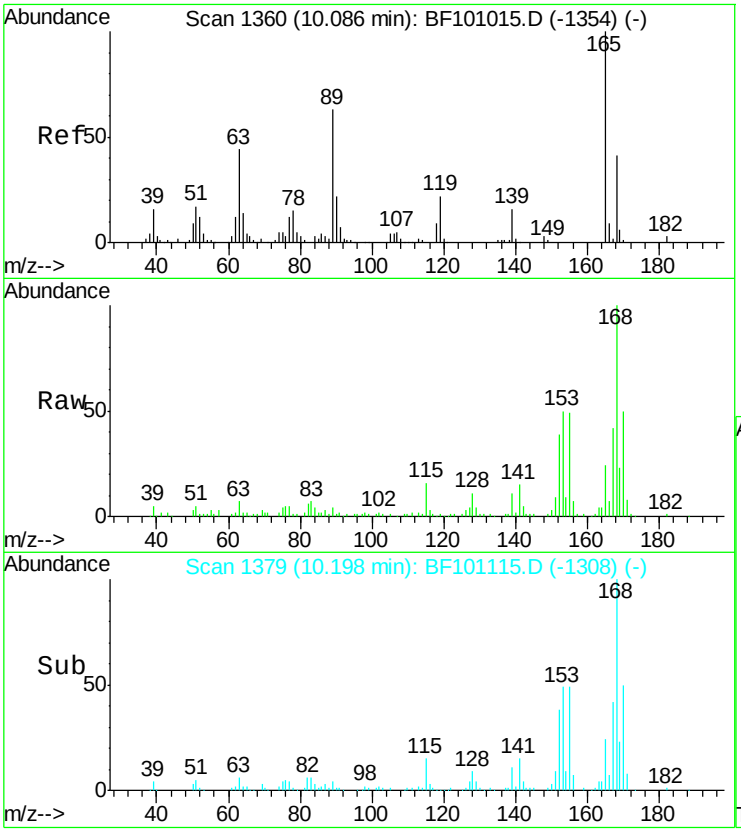


#55
4-Nitrophenol
Concen: 4.57 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:139 Resp: 6485

Ion	Ratio	Lower	Upper
139	100		
109	12.0	48.4	88.4#
65	22.5	72.6	112.6#



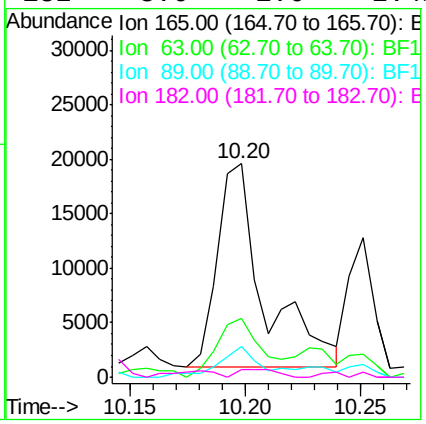


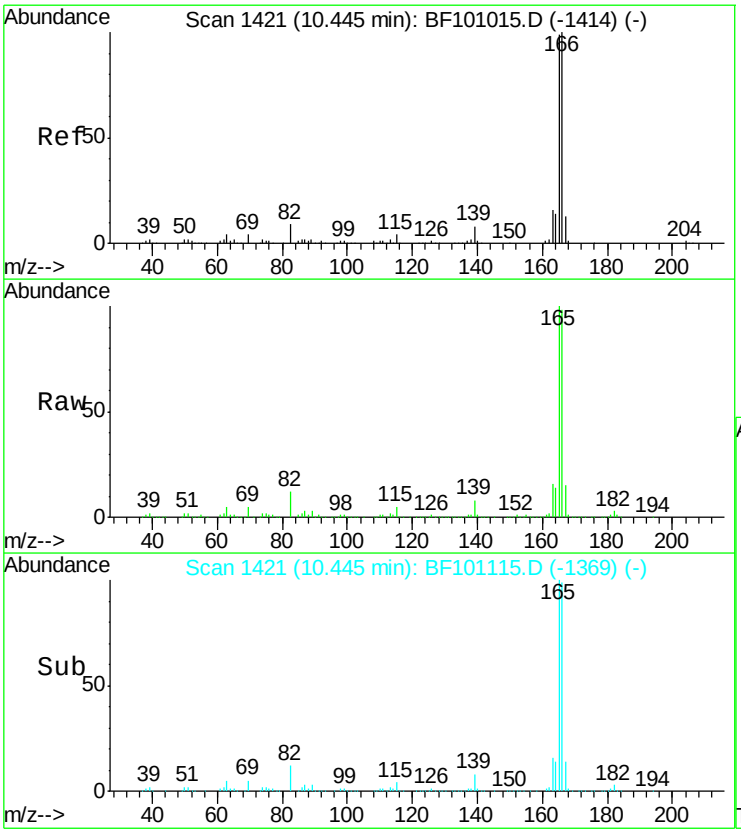
#56
2,4-Dinitrotoluene
Concen: 10.45 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.12 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26190

Ion	Ratio	Lower	Upper
165	100		
63	27.5	36.4	54.6#
89	14.6	57.8	86.6#
182	3.6	1.6	2.4#

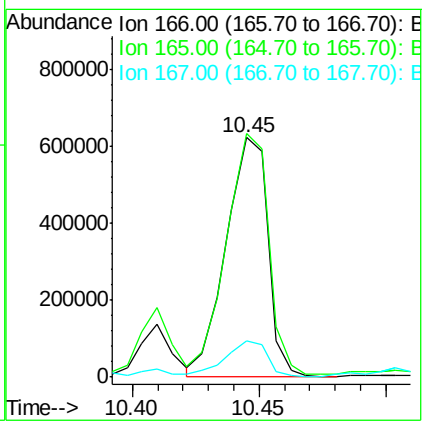


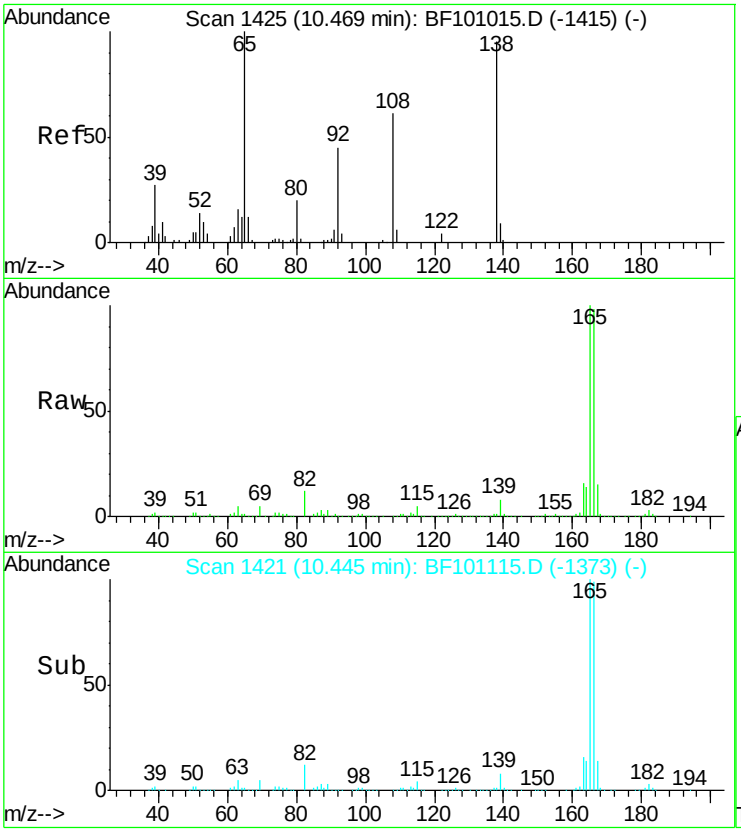


#57
Fluorene
Concen: 86.40 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:166 Resp: 713385

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	15.0	10.6	16.0



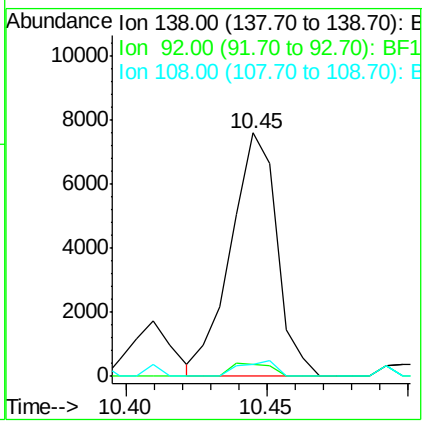


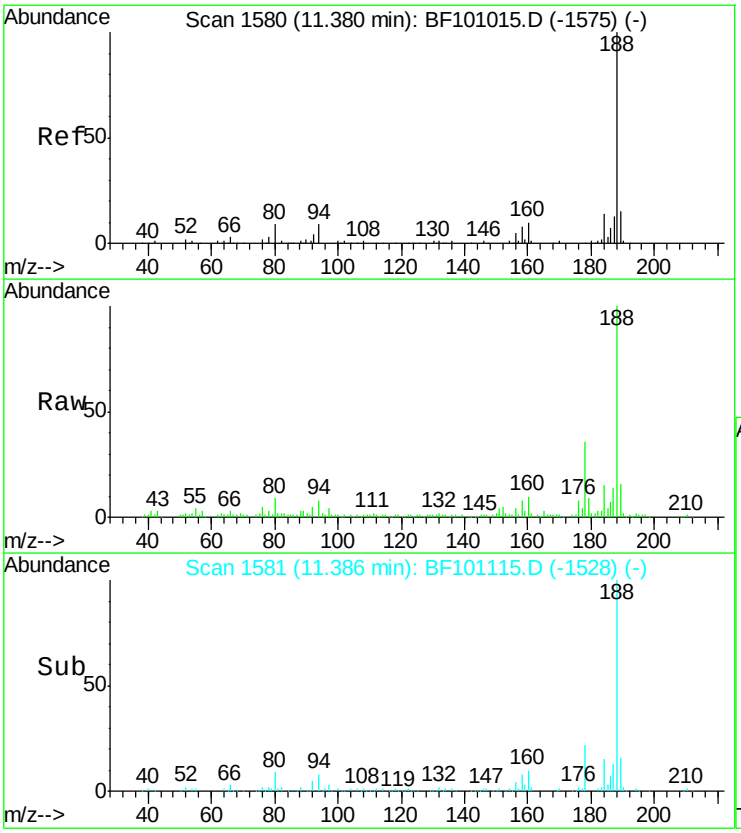
#61
4-Nitroaniline
Concen: 3.96 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 8637

Ion	Ratio	Lower	Upper
138	100		
92	4.8	30.2	70.2#
108	5.1	52.5	92.5#

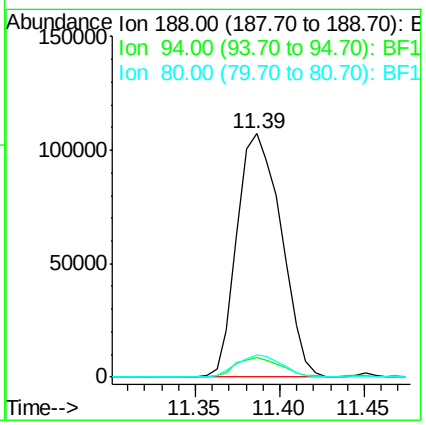


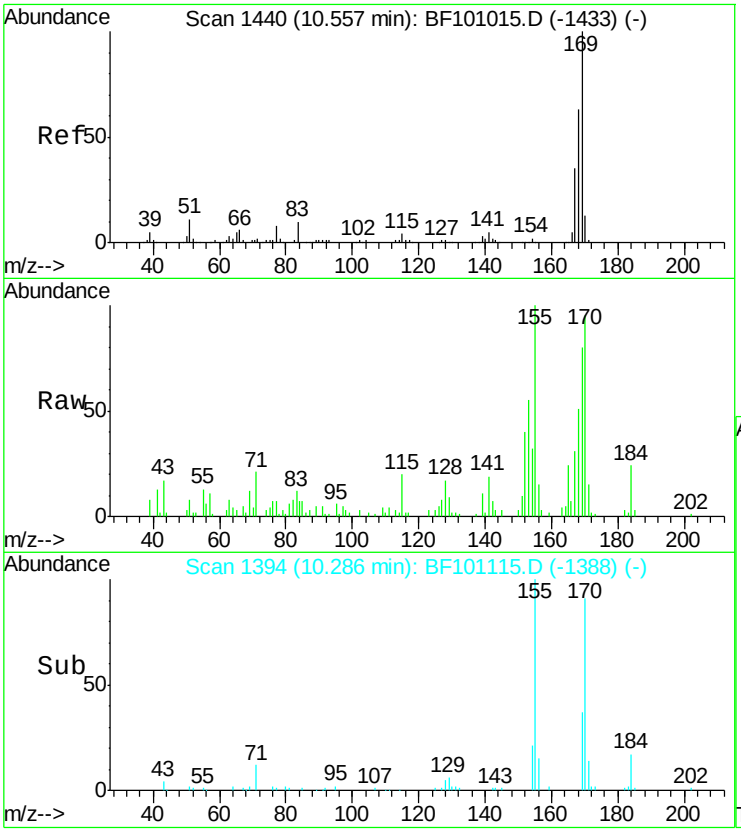


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:188 Resp: 195285

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.2	9.2	13.8#



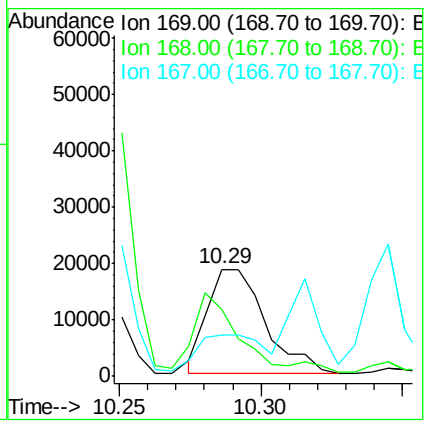


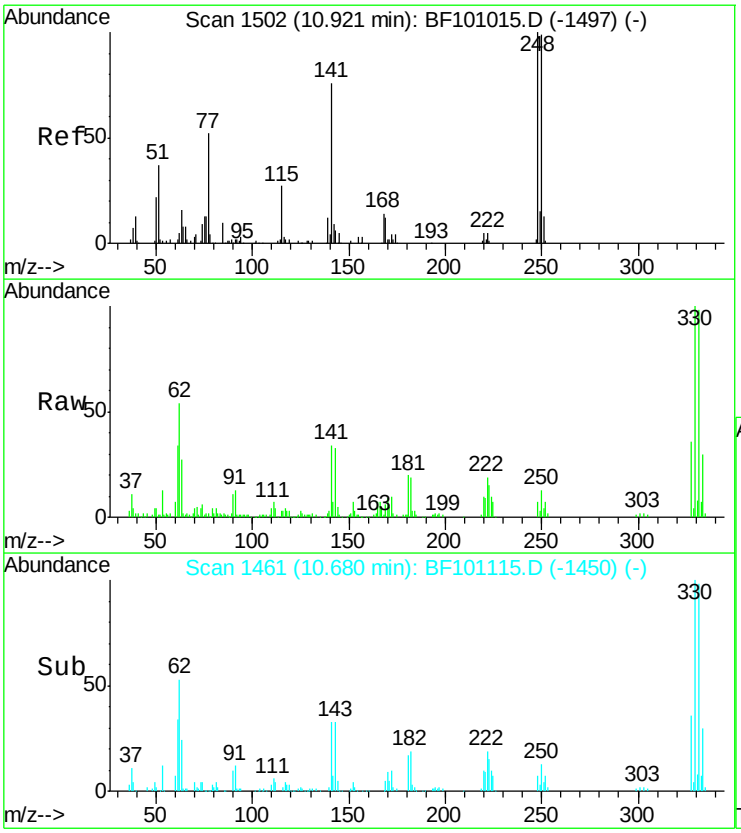
#65
n-Nitrosodiphenylamine
Concen: 3.84 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.26 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 26456

Ion	Ratio	Lower	Upper
169	100		
168	63.3	54.4	81.6
167	39.3	29.8	44.6

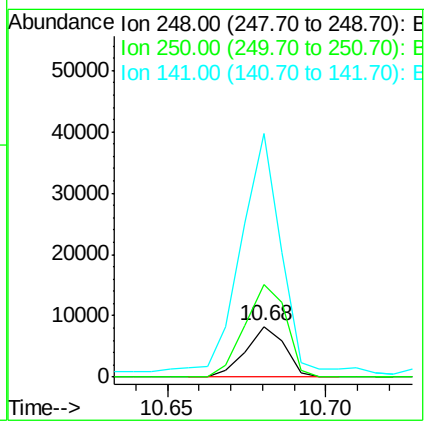


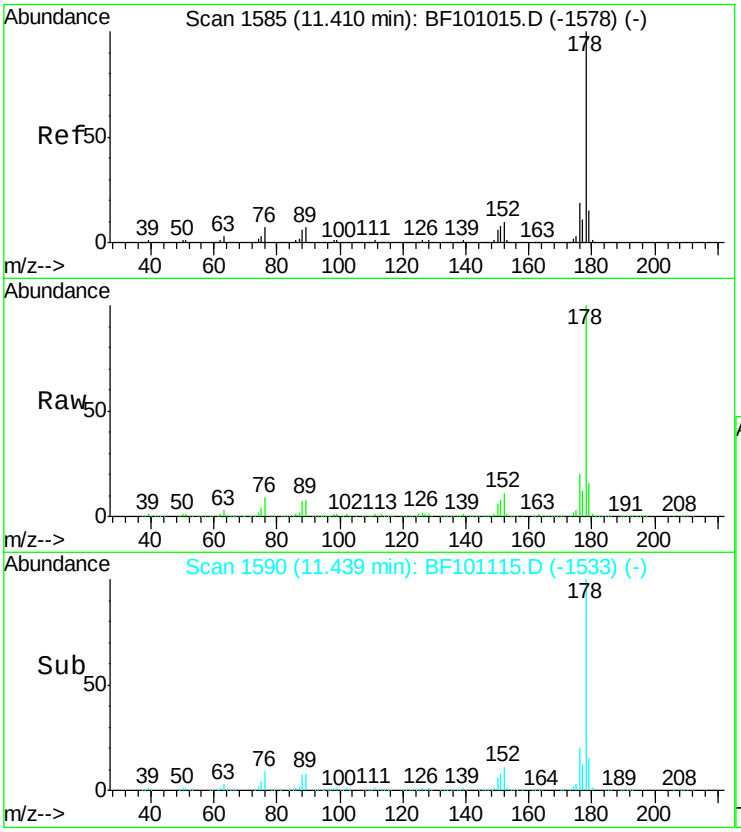


#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:248 Resp: 7079

Ion	Ratio	Lower	Upper
248	100		
250	183.2	76.9	115.3#
141	482.7	74.4	111.6#



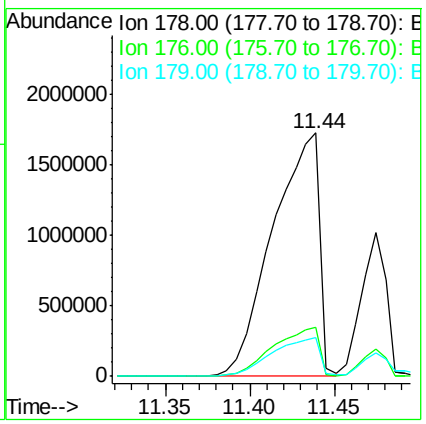


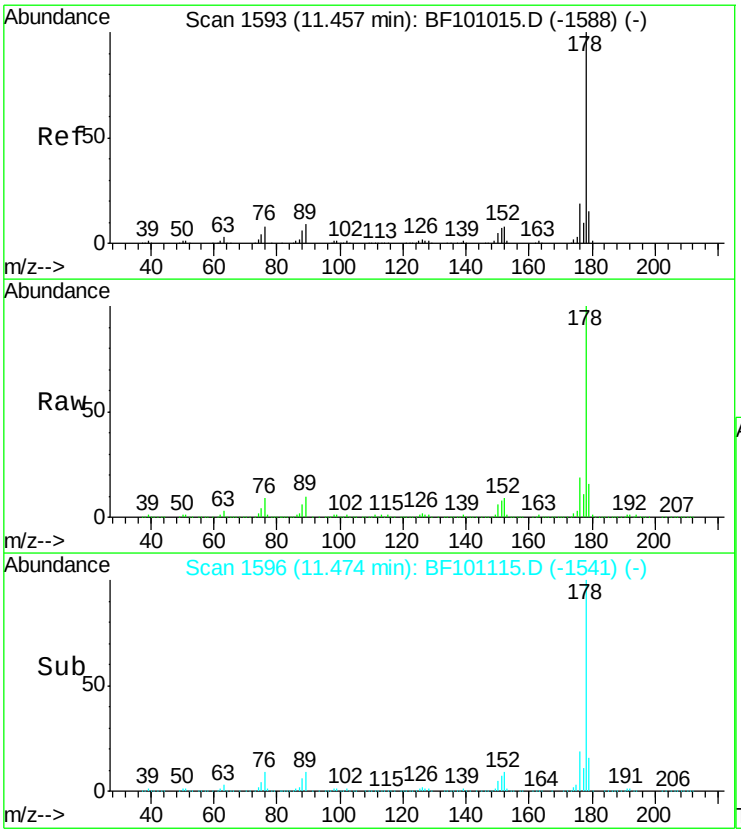
#70
Phenanthrene
Concen: 306.56 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.04 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3296808

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

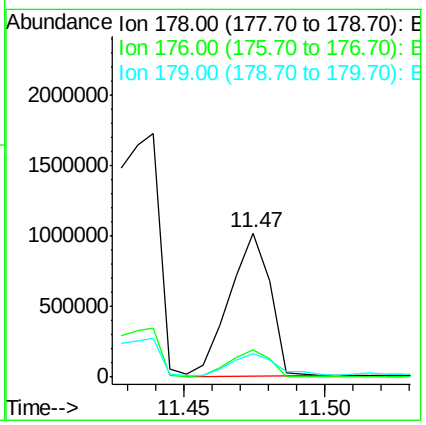


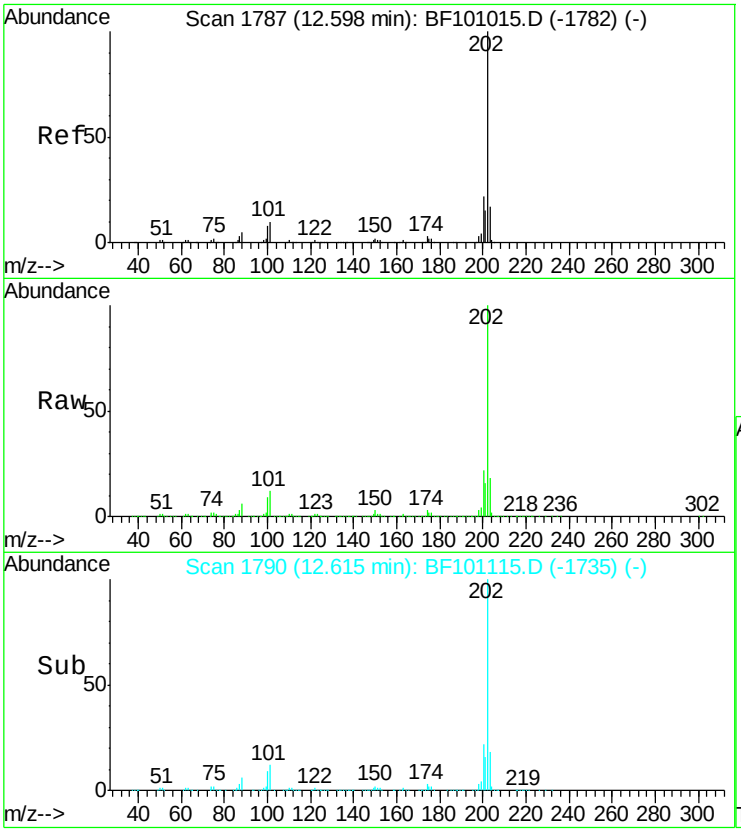


#71
Anthracene
Concen: 93.73 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:178 Resp: 1020220

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.3	12.6	19.0



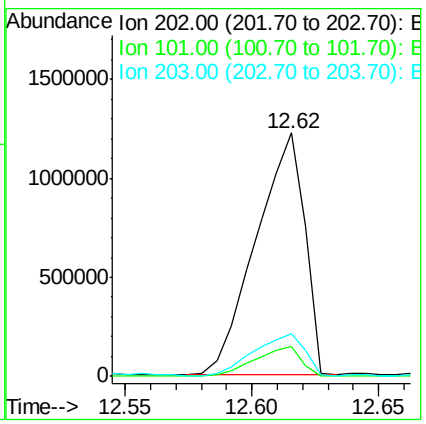


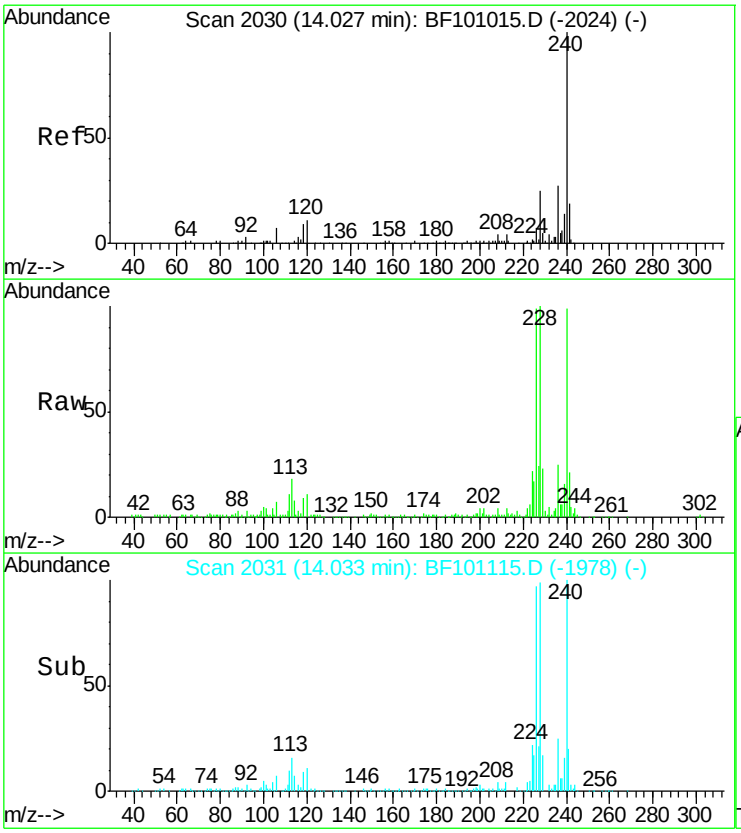
#74
Fluoranthene
Concen: 137.62 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1640616

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.7	0.0	38.1

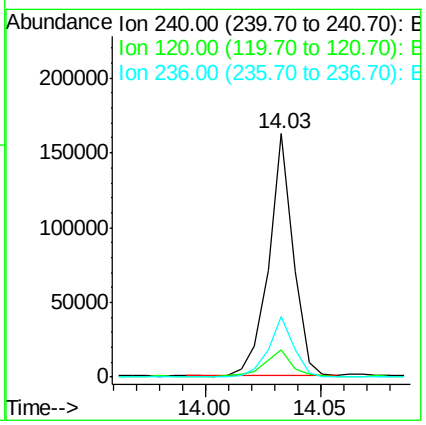


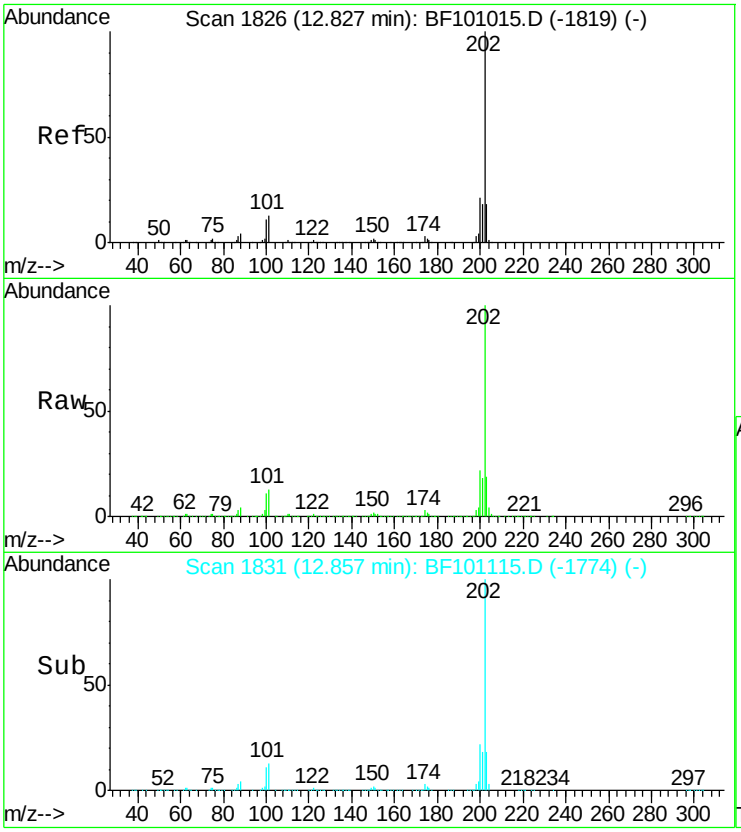


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:240 Resp: 119727

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	24.9	20.7	31.1



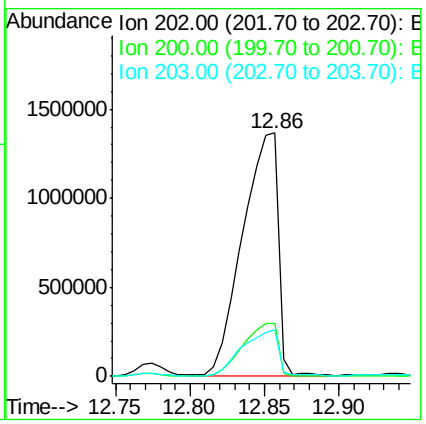


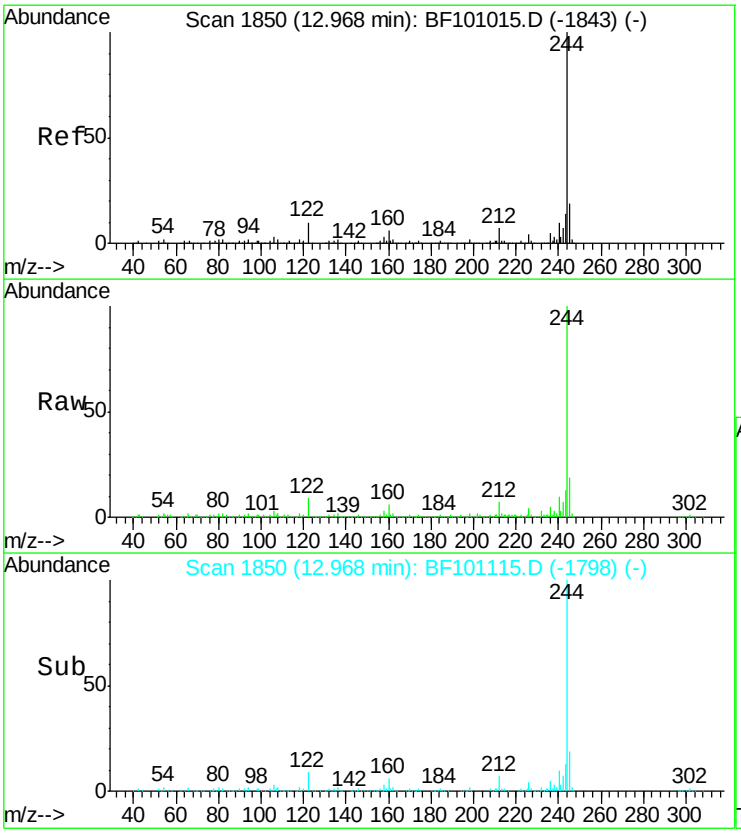
#77
Pyrene
Concen: 270.16 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.04 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2231909

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.2	14.3	21.5

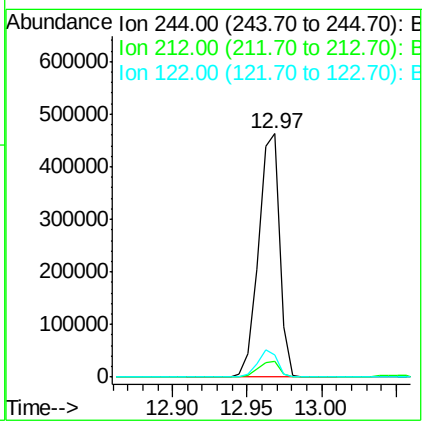


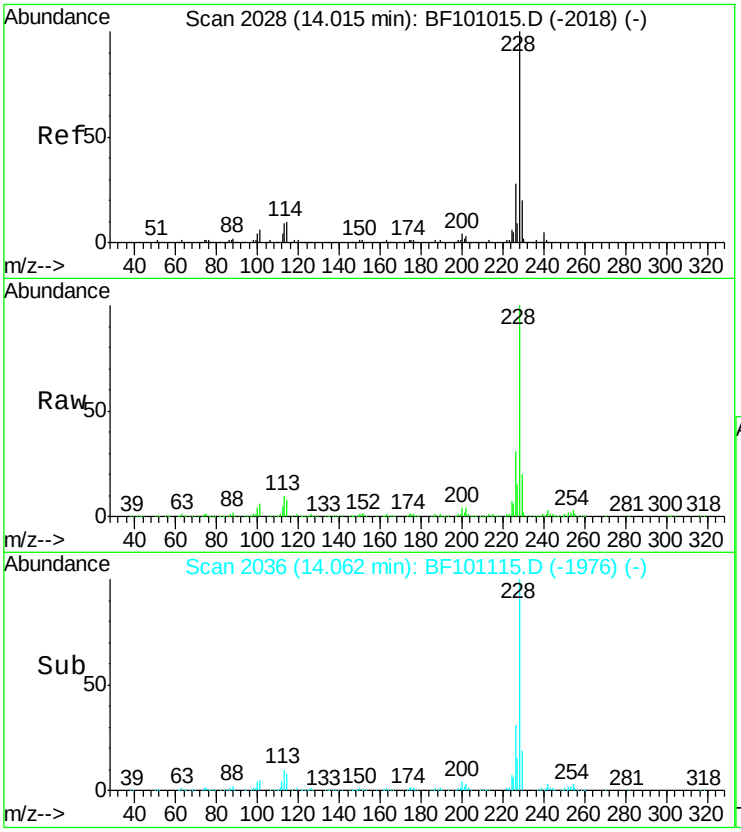


#78
Terphenyl-d14
Concen: 81.60 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:244 Resp: 446652

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4#



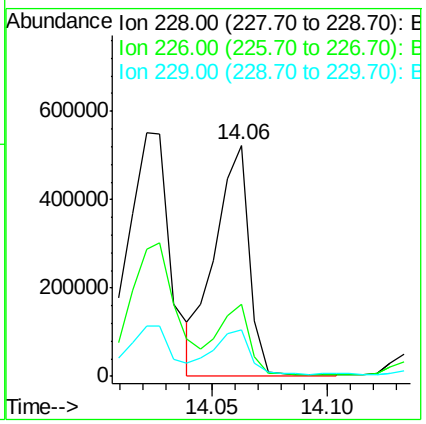


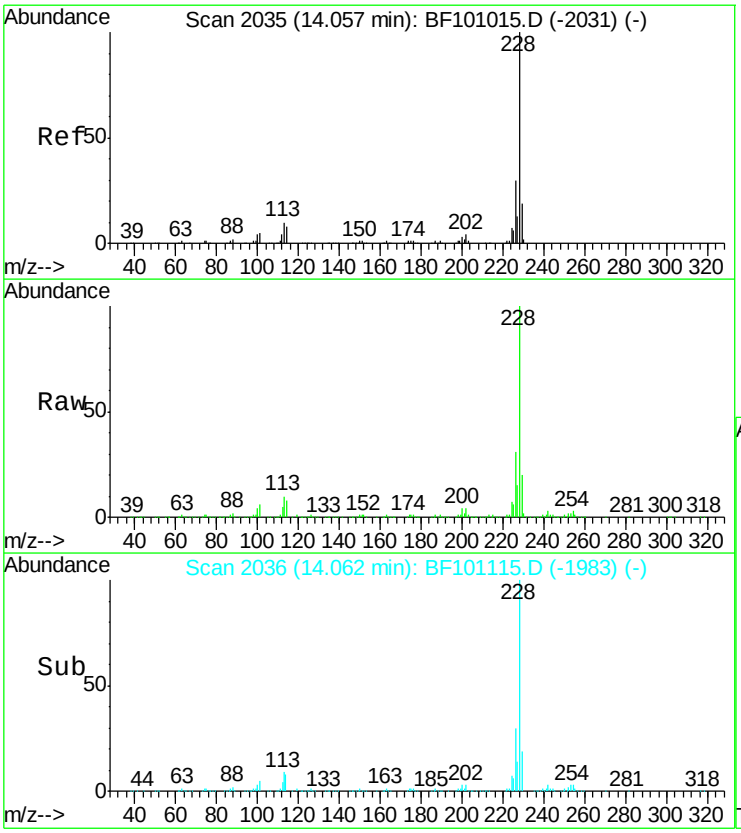
#80
Benzo(a)anthracene
Concen: 71.56 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.05 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 540966

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	20.2	15.8	23.6

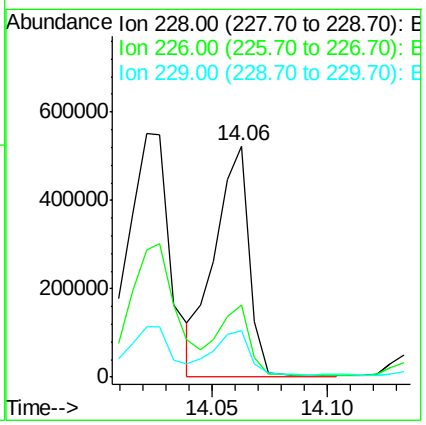


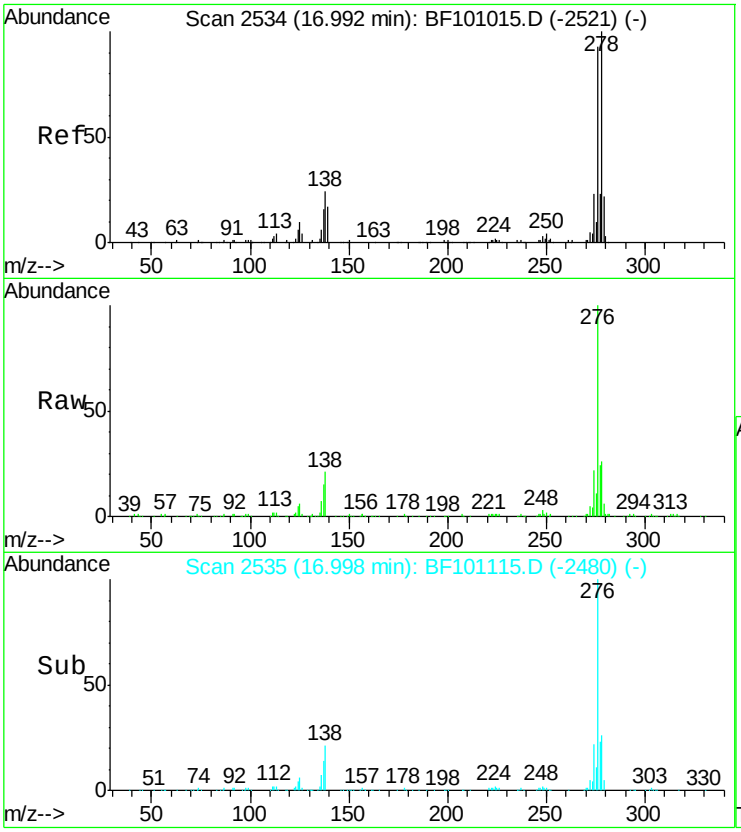


#82
Chrysene
Concen: 77.05 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:228 Resp: 540966

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.2	24.4



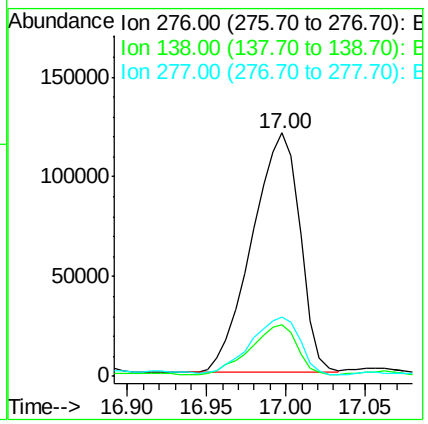


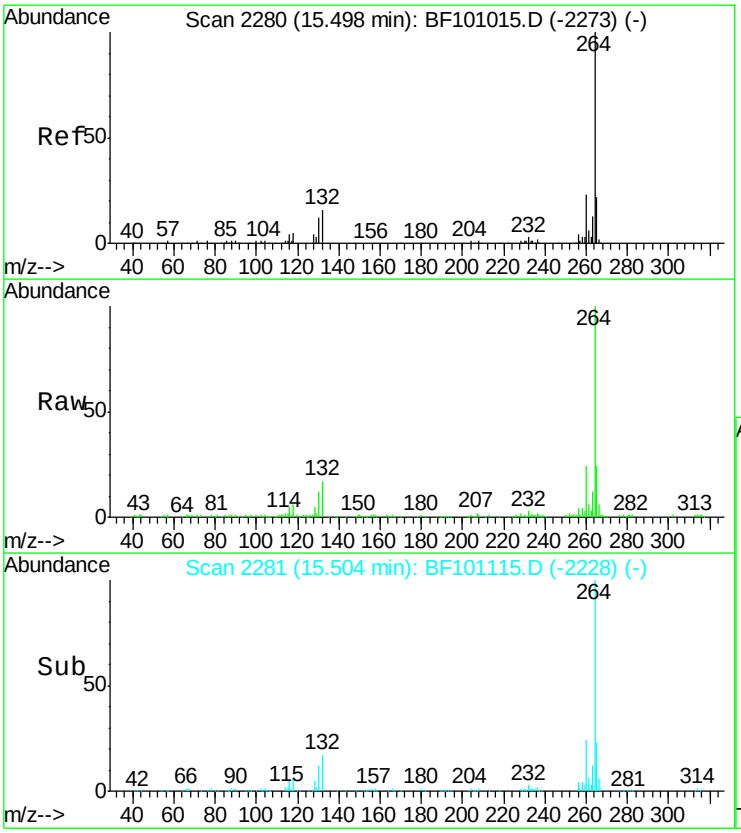
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.63 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 253607

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.0	37.6#
277	24.1	20.1	30.1

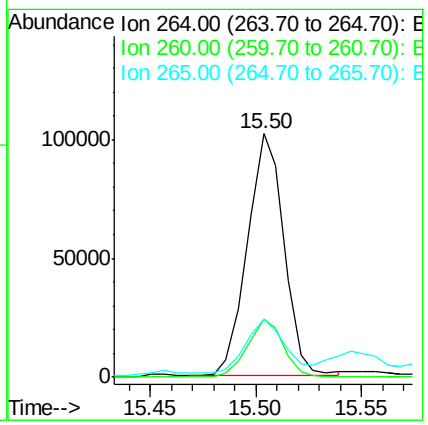


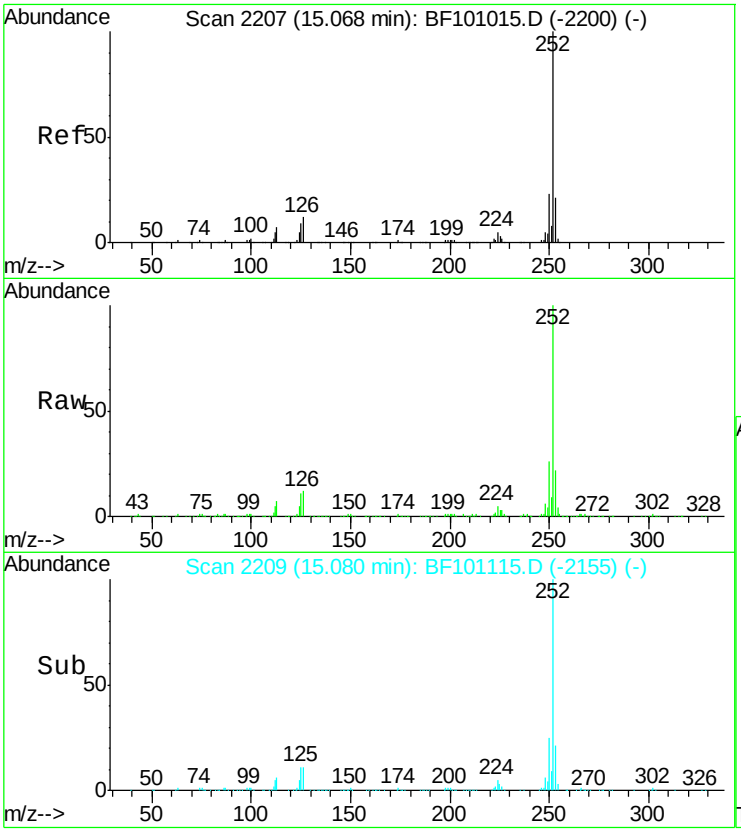


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:264 Resp: 123294

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.7	17.5	26.3



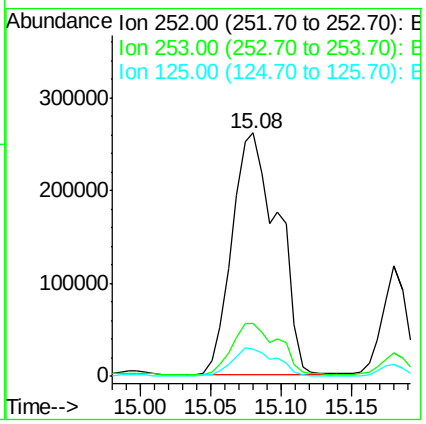


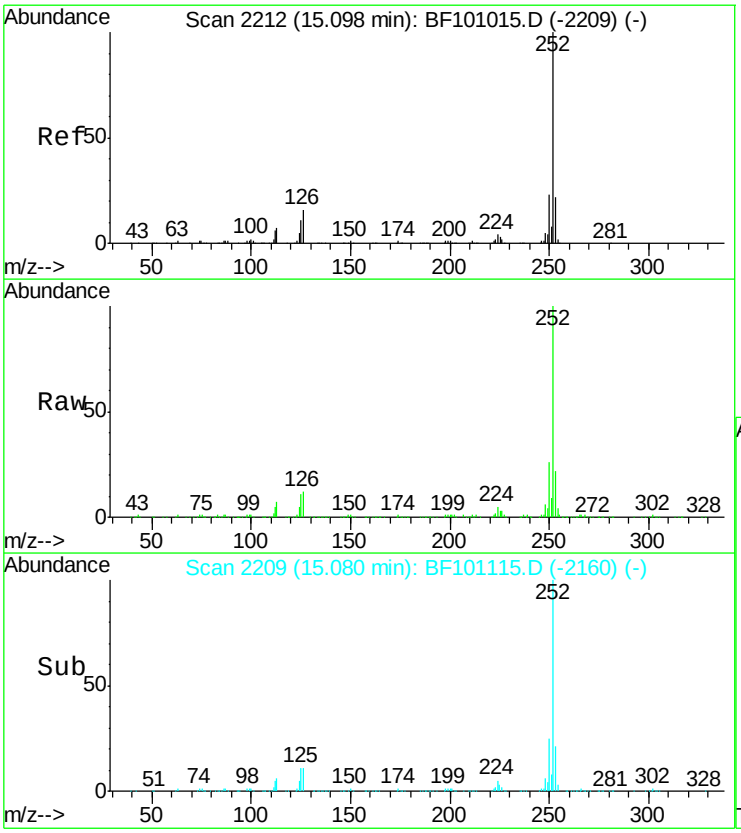
#87
Benzo(b)fluoranthene
Concen: 80.21 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 592358

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.3	9.0	13.6

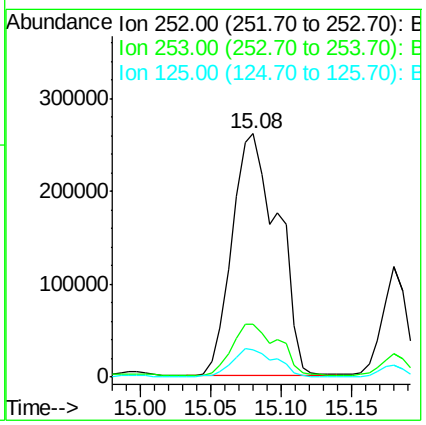


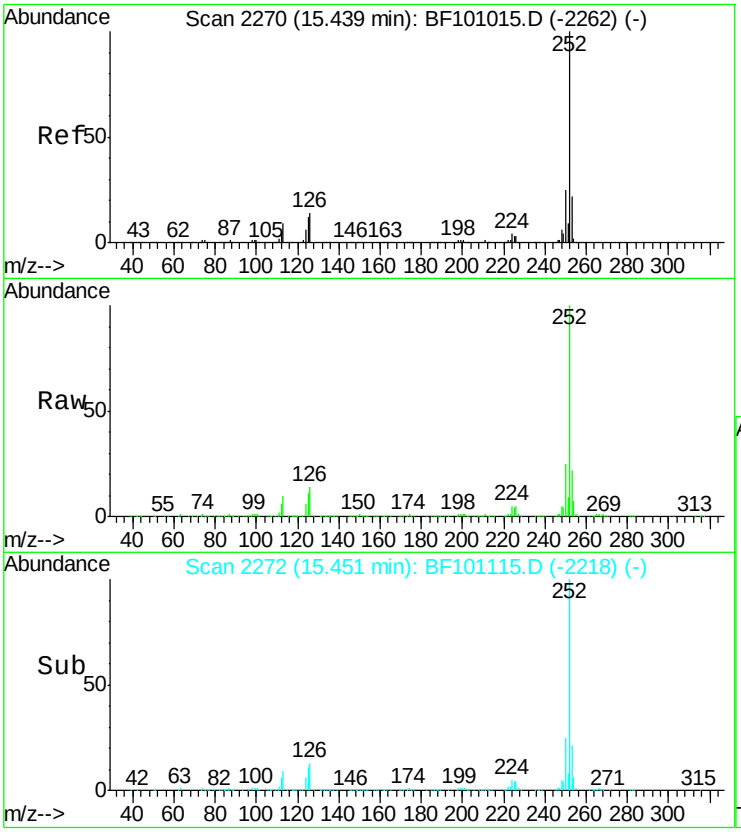


#88
Benzo(k)fluoranthene
Concen: 81.41 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:252 Resp: 592358

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.3	10.2	15.2



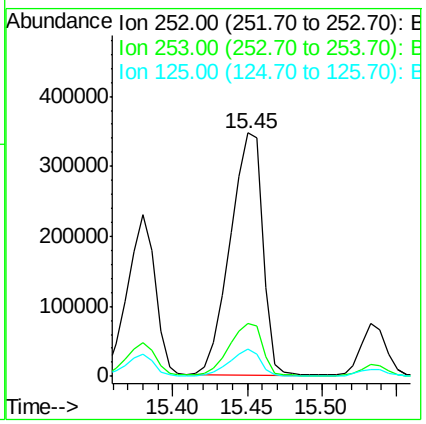


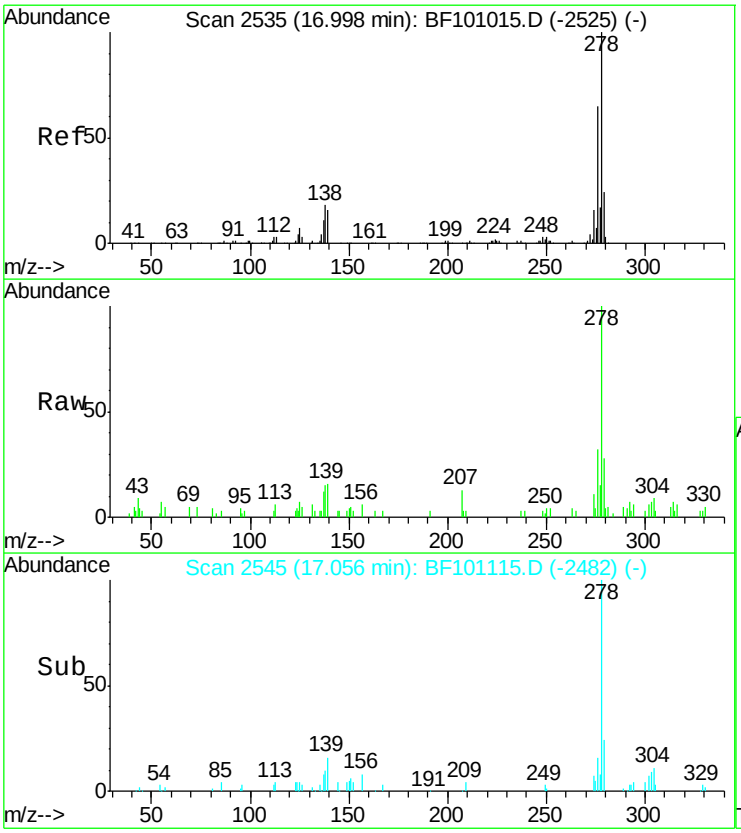
#89
Benzo(a)pyrene
Concen: 78.72 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 528546

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.2	9.8	14.6

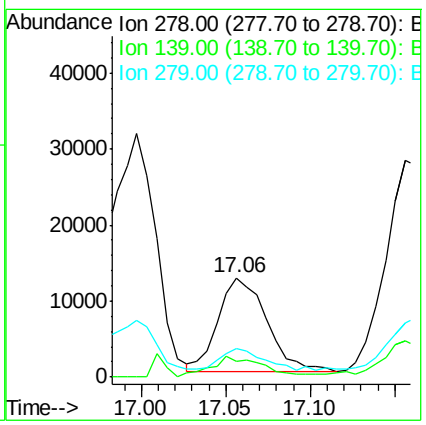


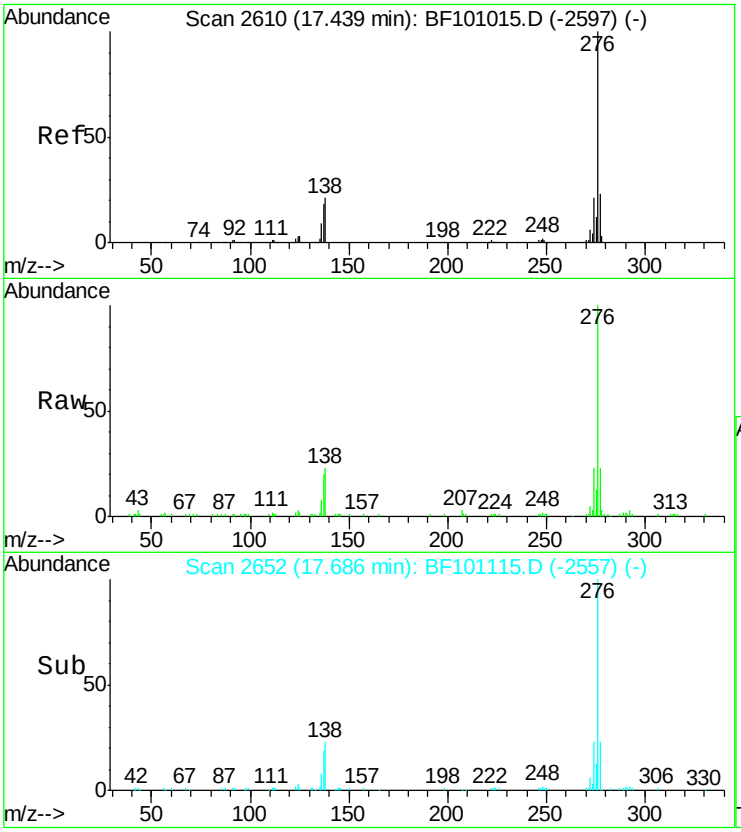


#90
Dibenzo(a,h)anthracene
Concen: 4.13 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.07 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Tgt Ion:278 Resp: 24460

Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.9	23.9
279	28.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 22.87 ng
RT: 17.69 min Scan# 2652
Delta R.T. 0.26 min
Lab File: BF101115.D
Acq: 5 Dec 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 127598

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	23.4	21.8	32.8