Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101025.D
Acq On : 30 Nov 2017 18:50
Operator : SJ/JU
Sample : I6610-11 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 01 00:34:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55430	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	219413	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	99616	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	167094	20.00	ng		0.00
75) Chrysene-d12	14.03	240	110674	20.00	ng		0.00
86) Perylene-d12	15.50	264	131556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	147763	44.05	ng		0.00
7) Phenol-d6	6.47	99	184675	45.35	ng		-0.01
23) Nitrobenzene-d5	7.41	82	111128	30.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	45006	37.61	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	252149	34.63	ng		0.00
78) Terphenyl-d14	12.96	244	172535	34.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	12230	2.701	ng		98
19) n-Nitroso-di-n-propylamine	7.41	70	14644	5.339	ng	#	84
25) Isophorone	7.41	82	111126	17.688	ng	#	64
31) Naphthalene	8.16	128	619123	57.253	ng		100
33) 4-Chloroaniline	8.16	127	81707	18.805	ng	#	33
35) Caprolactam	8.85	113	3284	3.382	ng	#	1
37) 2-Methylnaphthalene	8.85	142	158158	21.525	ng		99
45) 1,1'-Biphenyl	9.31	154	43179	4.731	ng		94
48) Acenaphthylene	9.75	152	32020	3.006	ng	#	95
49) Dimethylphthalate	9.60	163	17714	2.205	ng		98
50) 2,6-Dinitrotoluene	9.89	165	18021	10.650	ng	#	25
51) Acenaphthene	9.92	154	193321	30.309	ng		98
54) Dibenzofuran	10.10	168	199794	21.736	ng		96
55) 4-Nitrophenol	10.09	139	73132	56.987	ng	#	10
57) Fluorene	10.44	166	241502	32.321	ng		99
70) Phenanthrene	11.42	178	1682475	182.842	ng		99
71) Anthracene	11.46	178	365991	39.299	ng		98
72) Carbazole	11.61	167	189011	22.213	ng		98
74) Fluoranthene	12.61	202	1413967	138.624	ng		97
77) Pyrene	12.84	202	1160261	151.929	ng		100
80) Benzo(a)anthracene	14.02	228	601576	86.090	ng		99
82) Chrysene	14.06	228	562704	86.707	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	306224	53.075	ng	#	88
87) Benzo(b)fluoranthene	15.08	252	981573	124.567	ng		97
88) Benzo(k)fluoranthene	15.08	252	981573	126.436	ng		98
89) Benzo(a)pyrene	15.46	252	523889	73.130	ng		96
90) Dibenzo(a,h)anthracene	17.00	278	74343	11.771	ng		96
91) Benzo(g,h,i)perylene	17.45	276	254206	42.710	ng	#	89

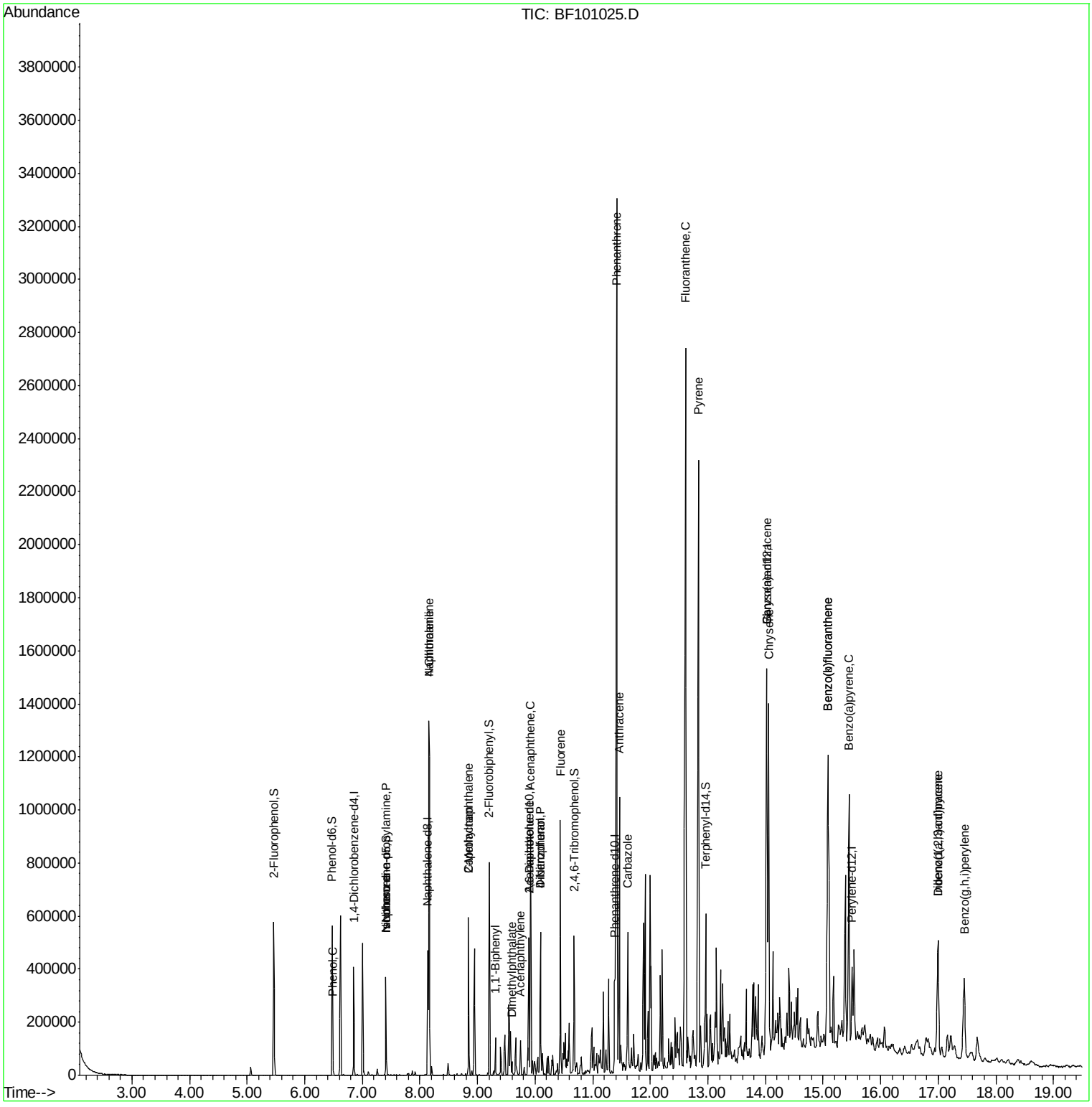
(#) = qualifier out of range (m) = manual integration (+) = signals summed

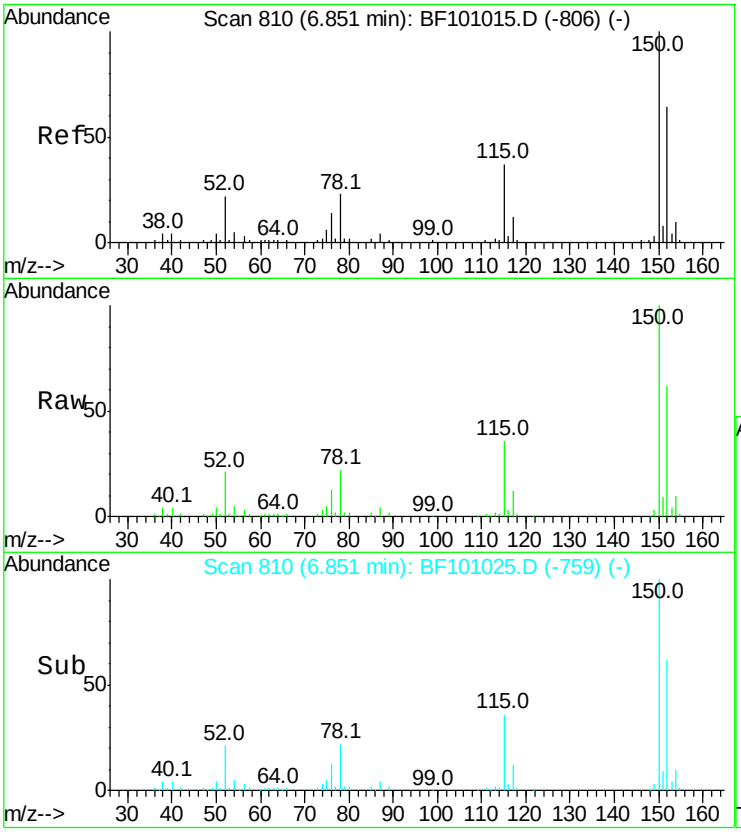
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101025.D
Acq On : 30 Nov 2017 18:50
Operator : SJ/JU
Sample : I6610-11 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 00:34:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration



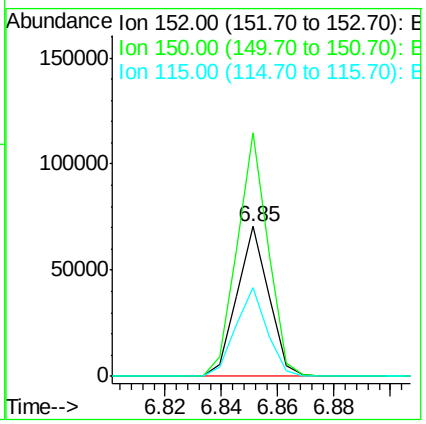


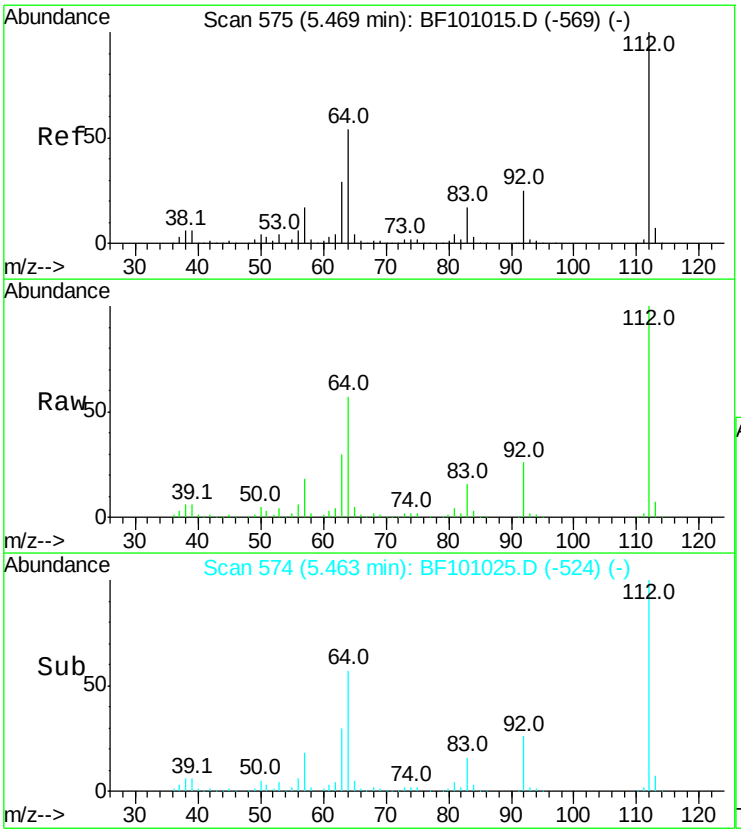
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 55430

Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	186.8
115	58.9	50.1	75.1

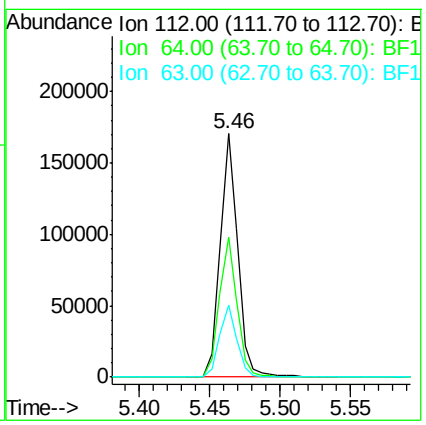


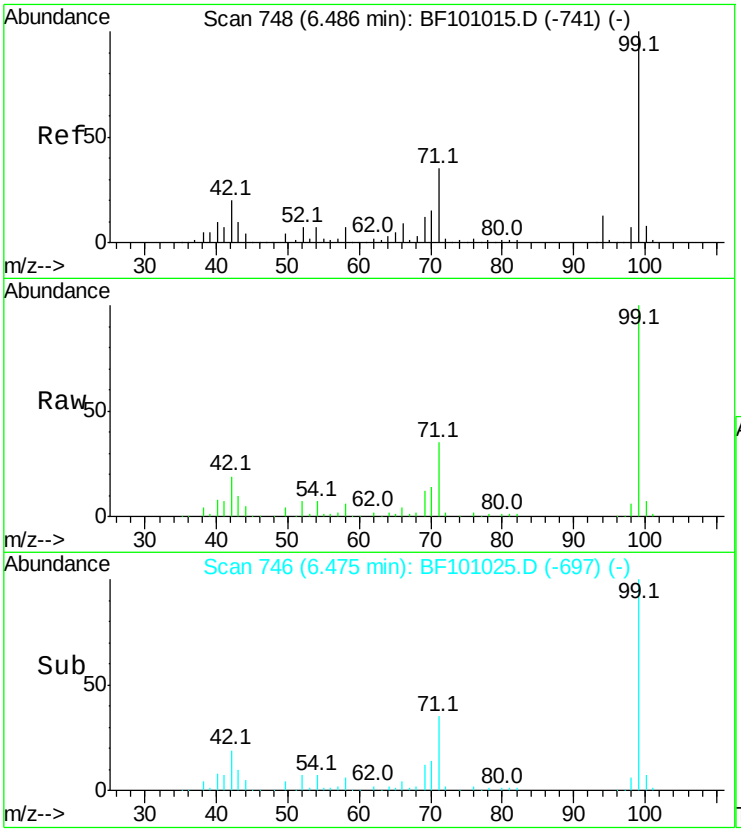


#5
2-Fluorophenol
Concen: 44.050 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:112 Resp: 147763

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.6	23.7	35.5



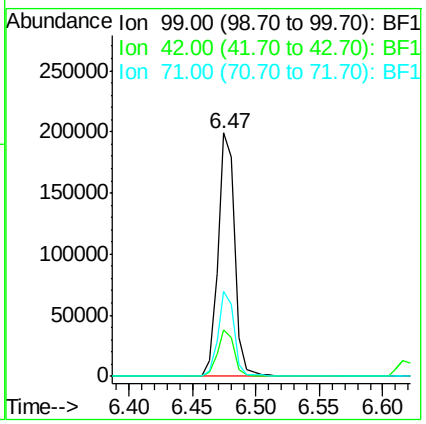


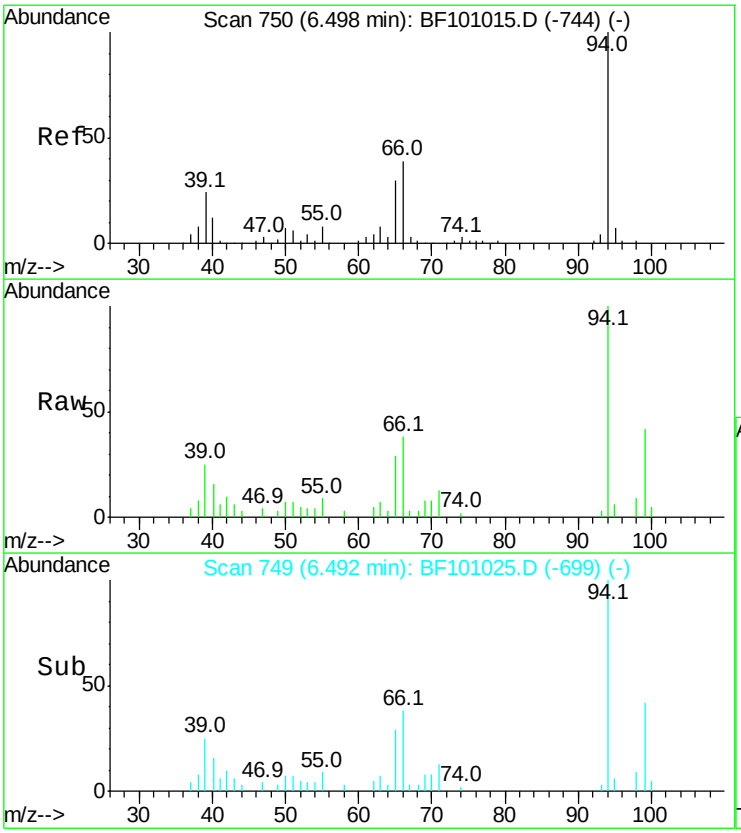
#7
Phenol-d6
Concen: 45.346 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 184675

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	35.1	25.4	38.0

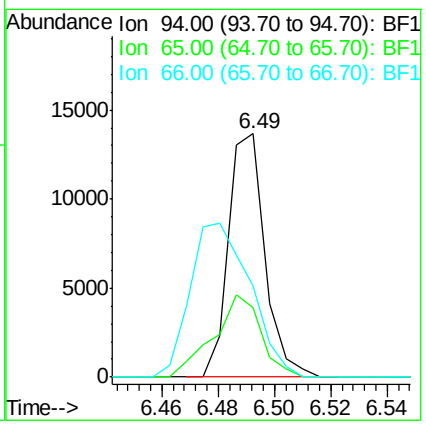


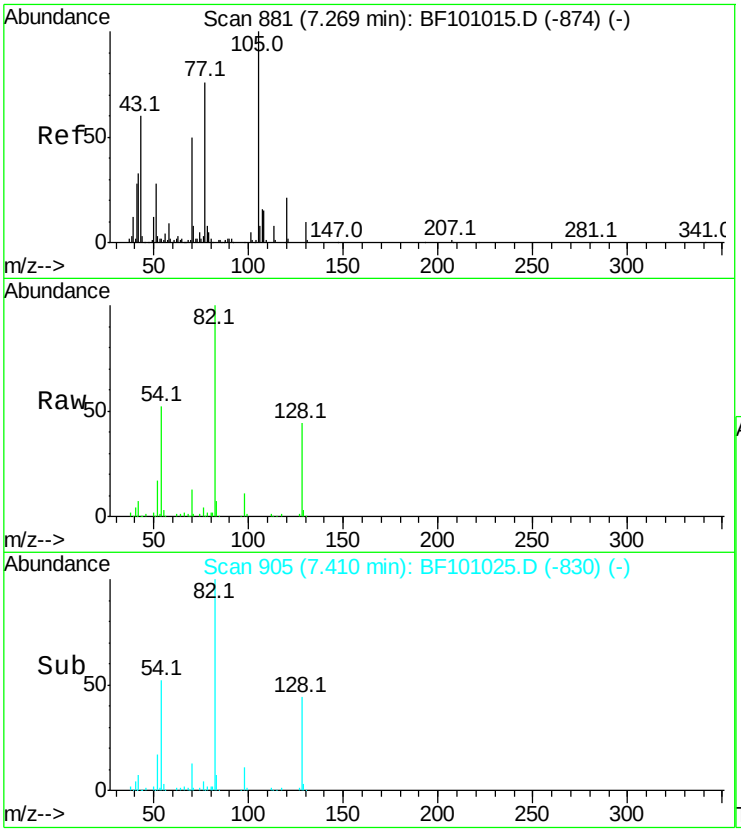


#10
Phenol
Concen: 2.701 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion: 94 Resp: 12230

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	37.6	16.2	56.2



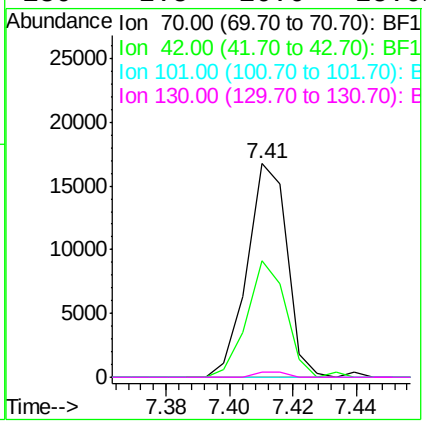


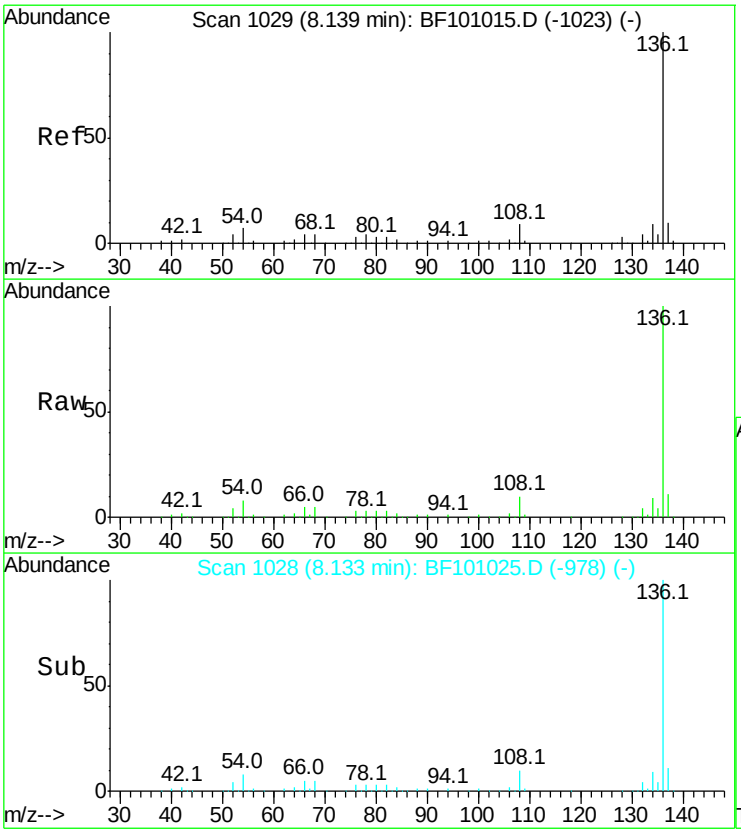
#19
n-Nitroso-di-n-propylamine
Concen: 5.339 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 14644

Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

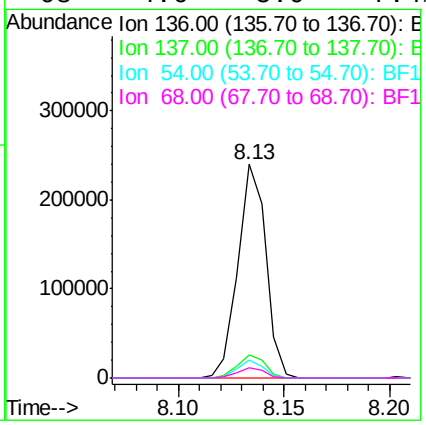


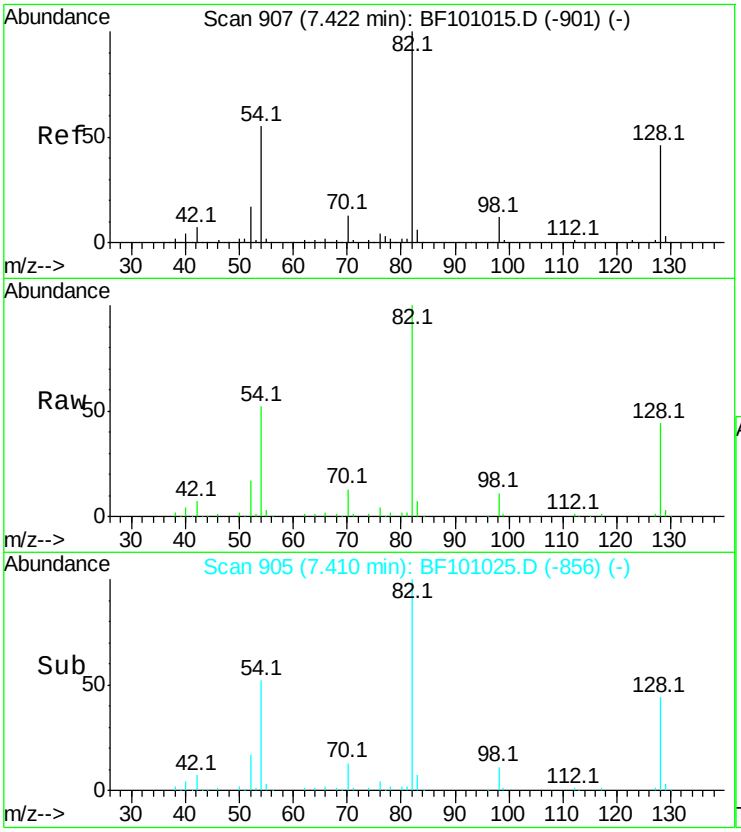


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:136 Resp: 219413

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	4.6	5.0	7.4#



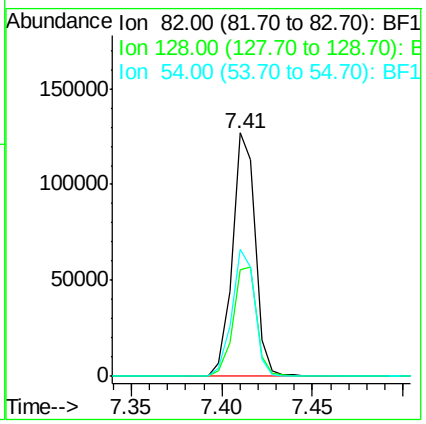


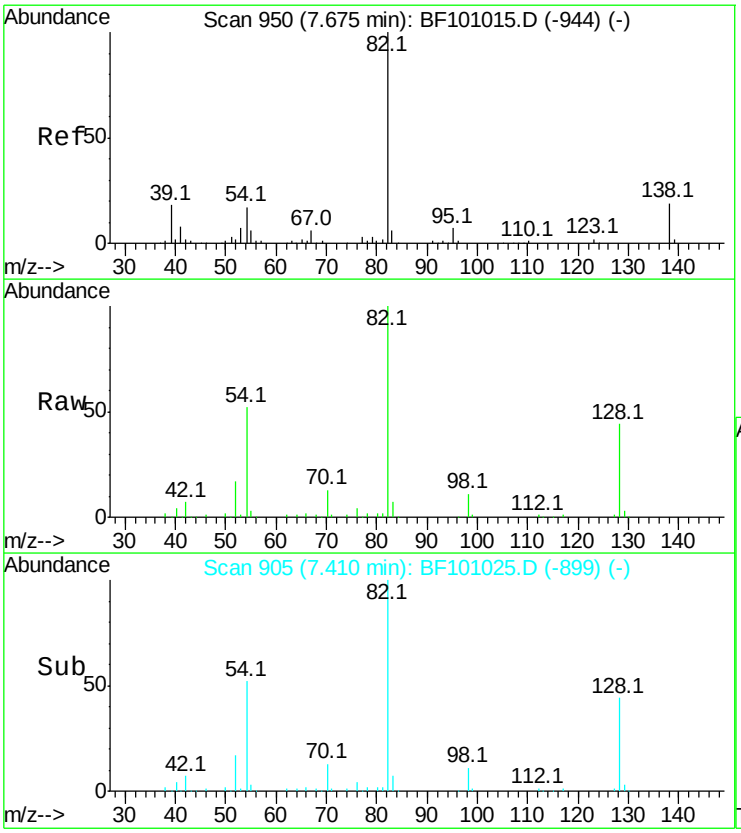
#23
Nitrobenzene-d5
Concen: 30.213 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 111128

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	52.0	41.4	62.2

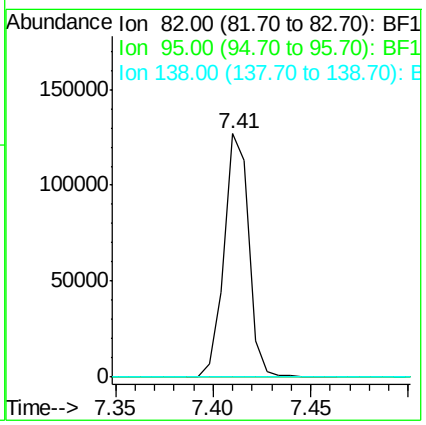


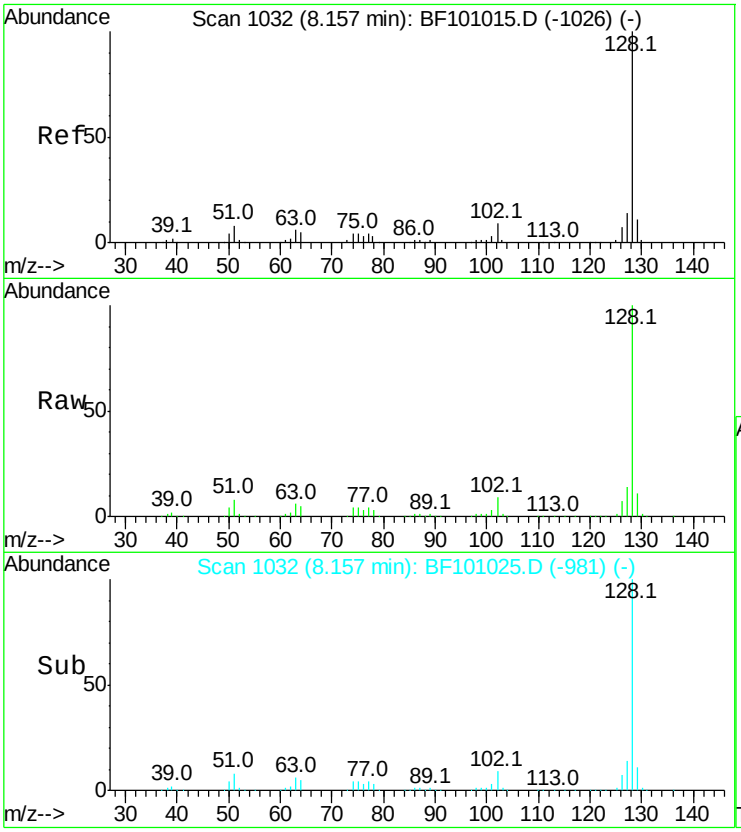


#25
Isophorone
Concen: 17.688 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion: 82 Resp: 111126

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



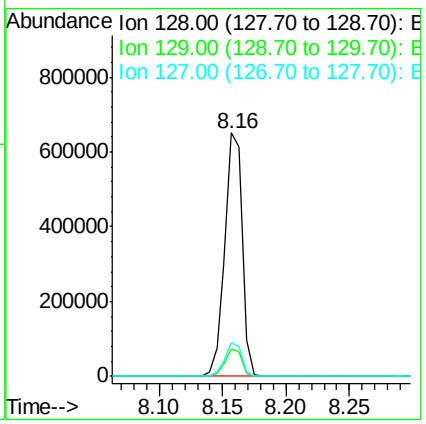


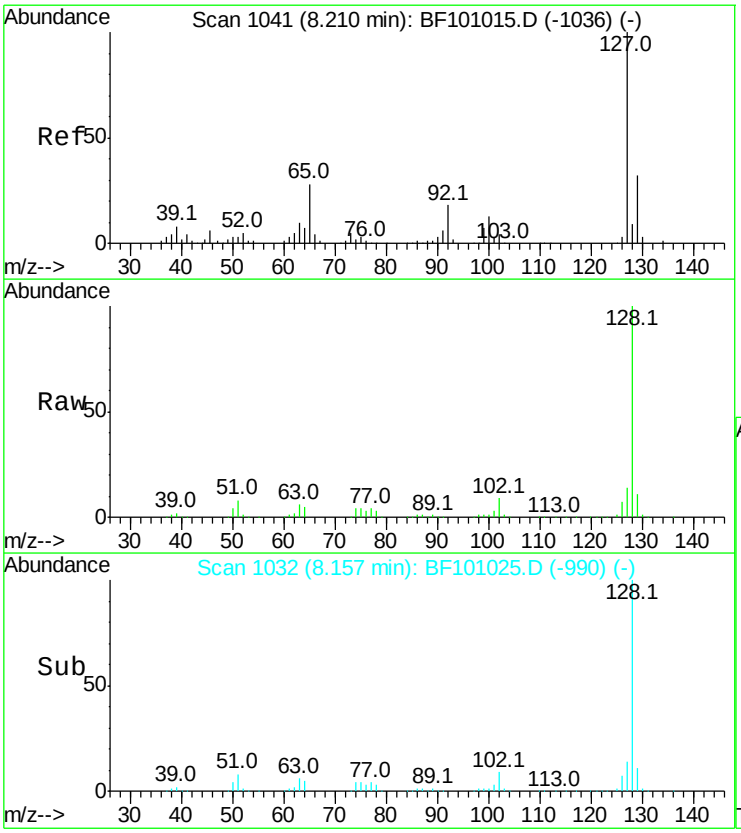
#31
Naphthalene
Concen: 57.253 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 619123

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.9	16.3

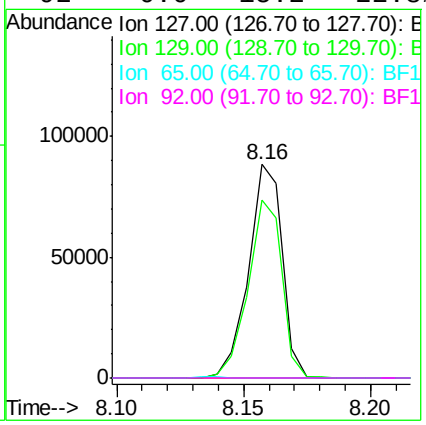


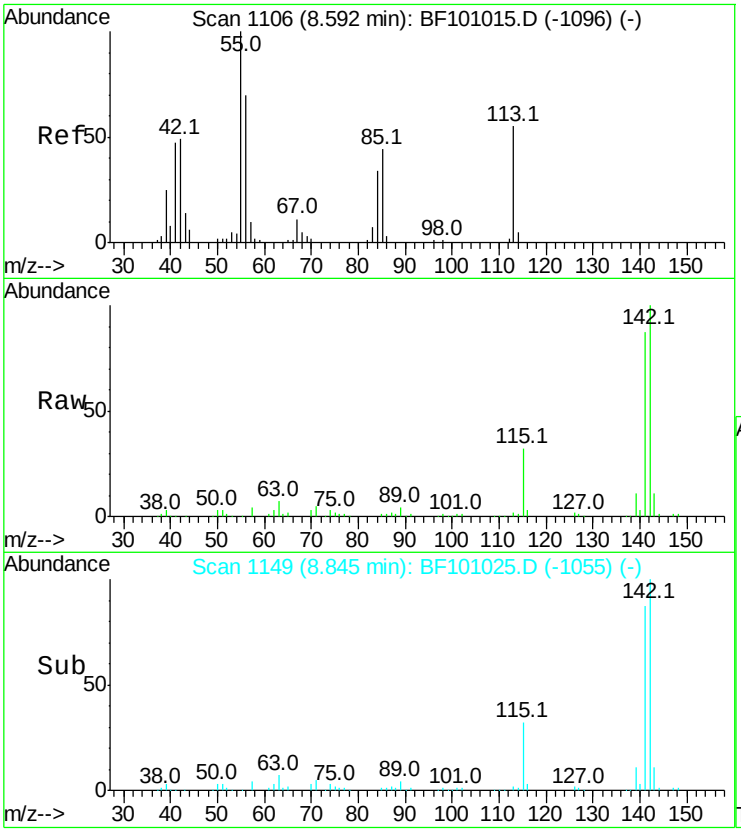


#33
4-Chloroaniline
Concen: 18.805 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:127 Resp: 81707

Ion	Ratio	Lower	Upper
127	100		
129	83.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



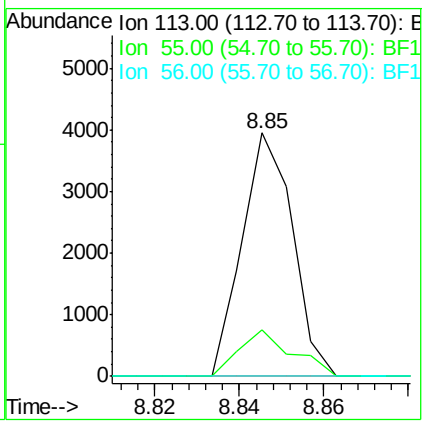


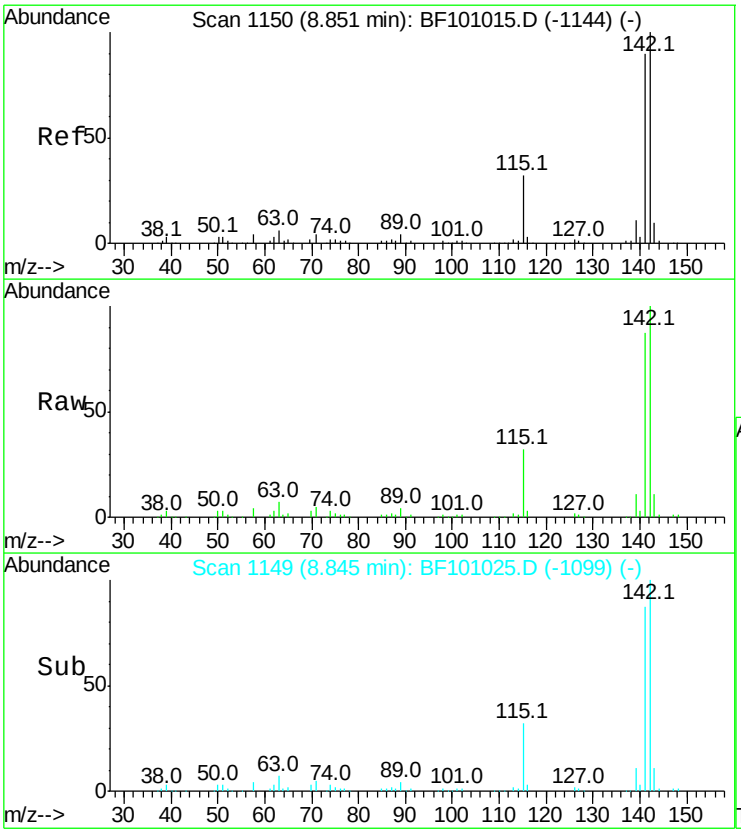
#35
Caprolactam
Concen: 3.382 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.25 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 3284

Ion	Ratio	Lower	Upper
113	100		
55	19.3	163.3	203.3#
56	0.0	115.7	155.7#

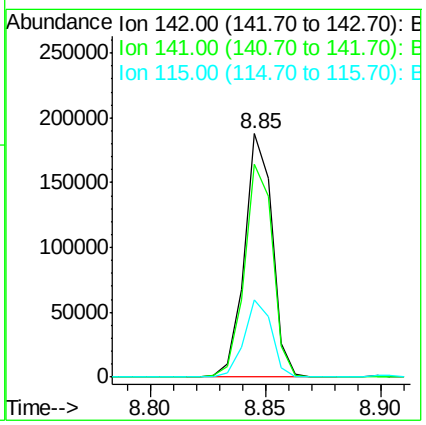


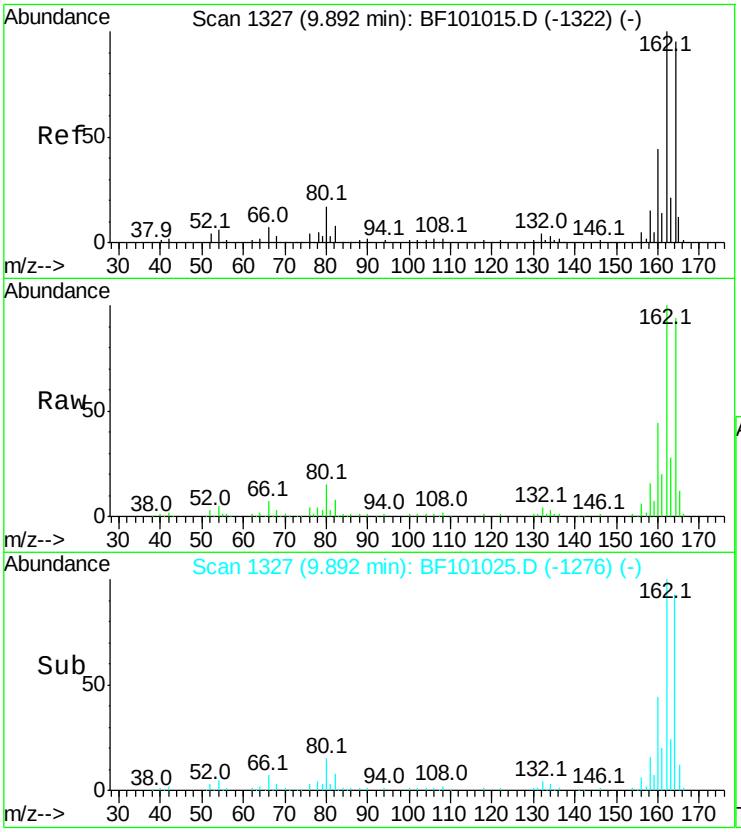


#37
2-Methylnaphthalene
Concen: 21.525 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:142 Resp: 158158

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	31.7	26.1	39.1



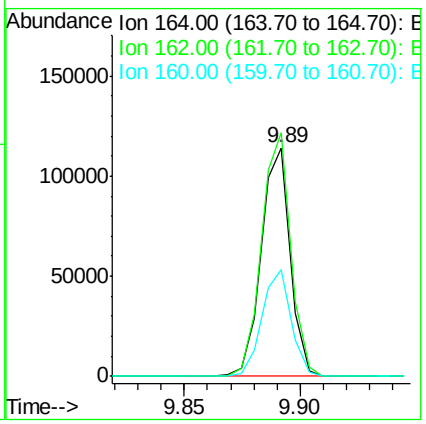


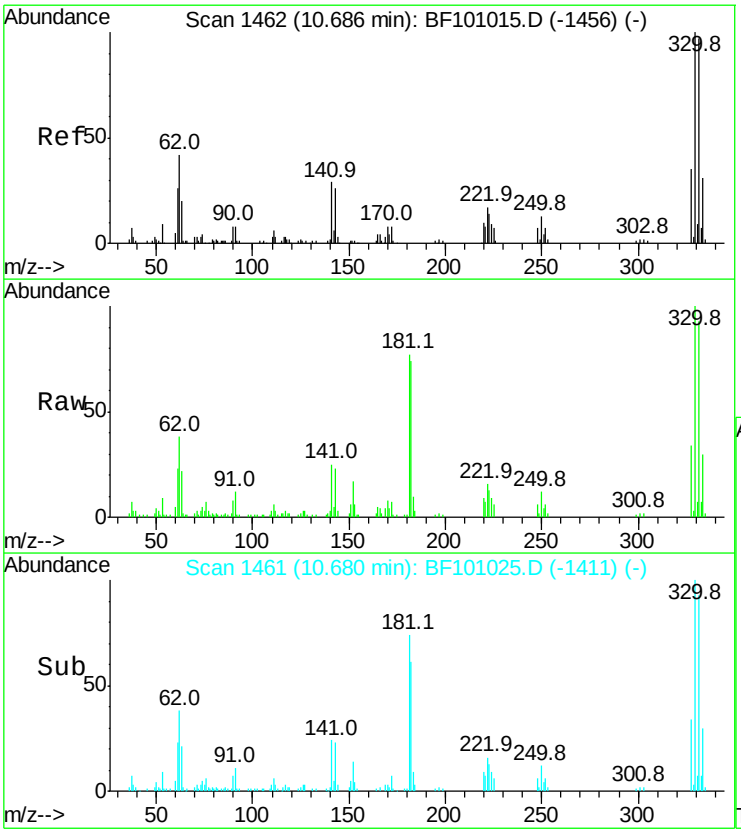
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 99616

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	46.9	38.3	57.5

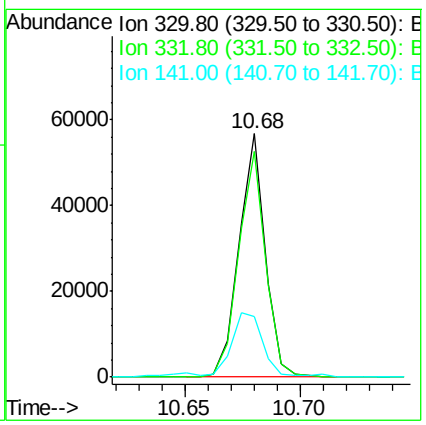


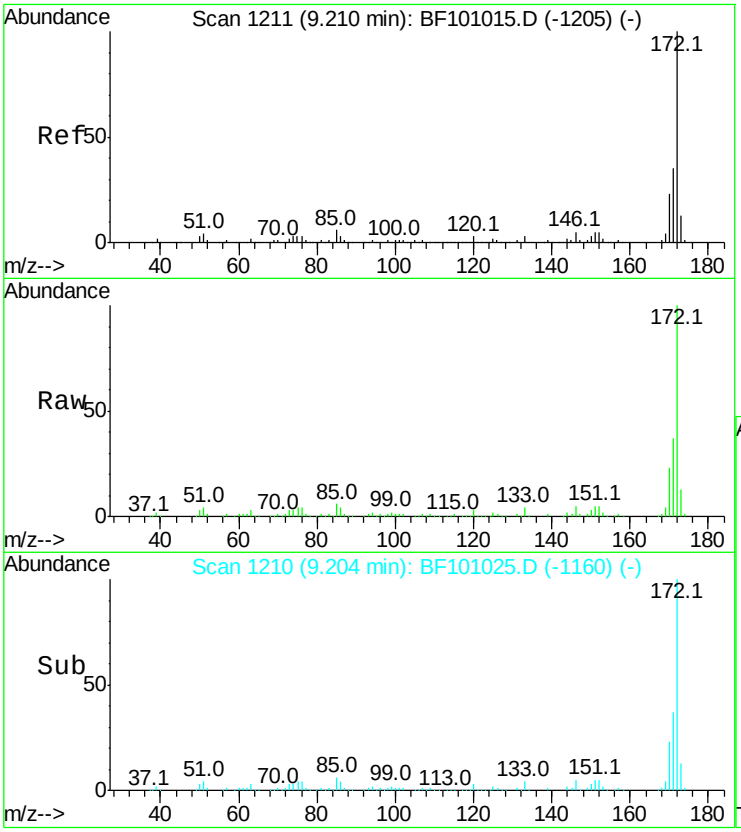


#41
2,4,6-Tribromophenol
Concen: 37.609 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:330 Resp: 45006

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	34.5	29.9	44.9



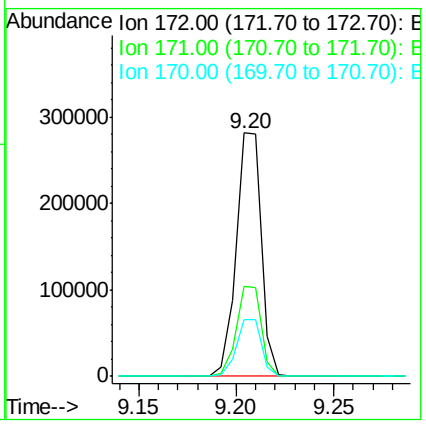


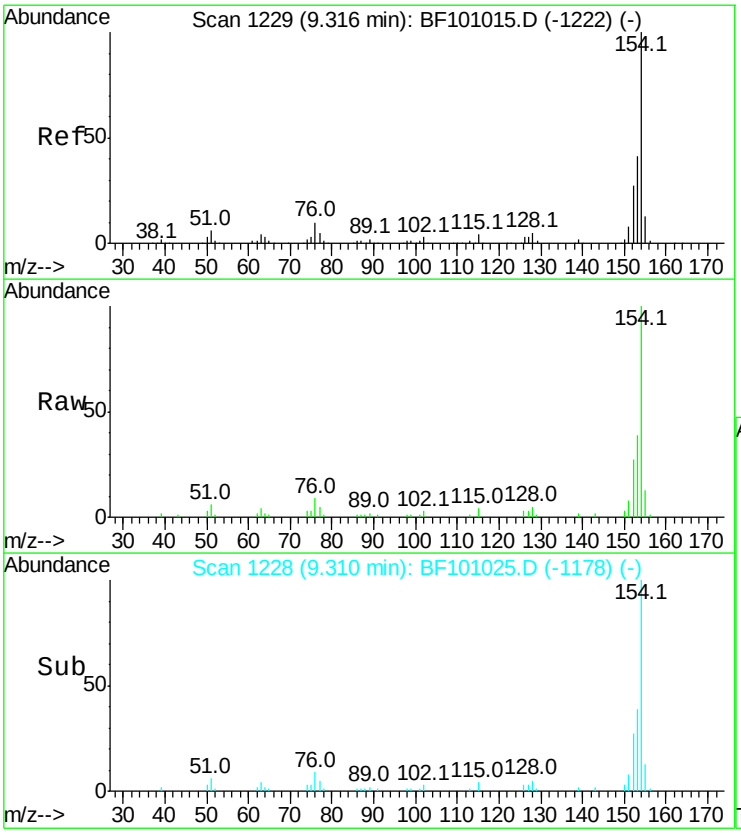
#44
2-Fluorobiphenyl
Concen: 34.632 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 252149

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.2	19.6	29.4

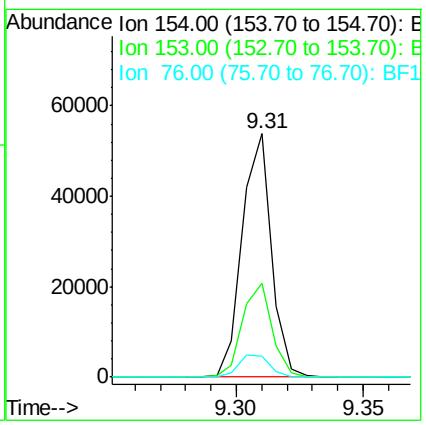


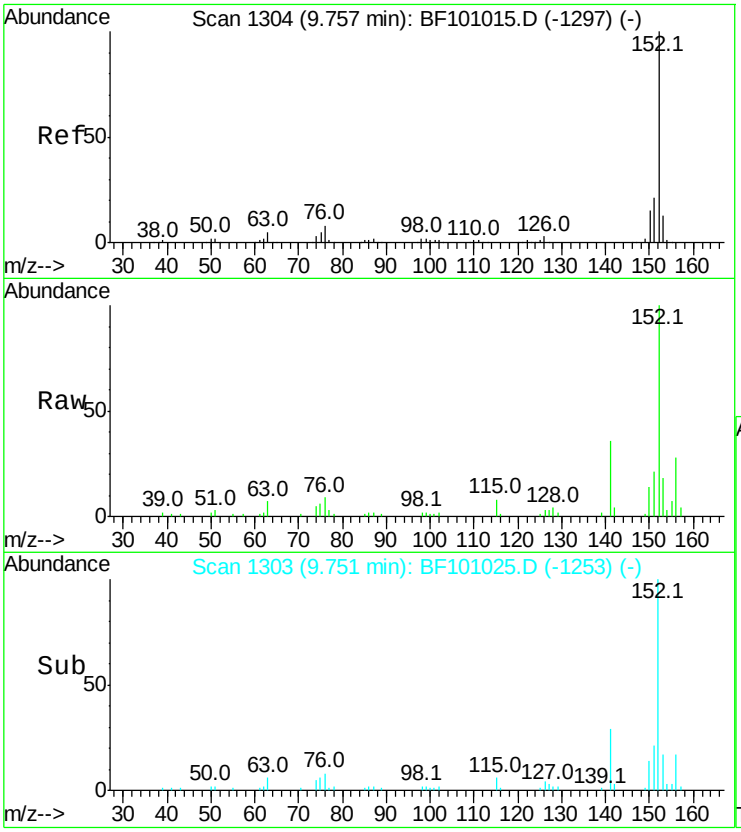


#45
1,1'-Biphenyl
Concen: 4.731 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:154 Resp: 43179

Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.3	61.3
76	8.8	0.0	34.0



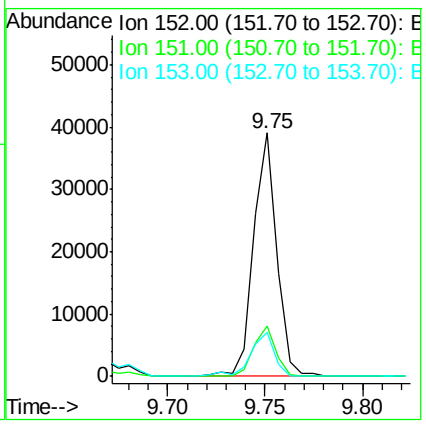


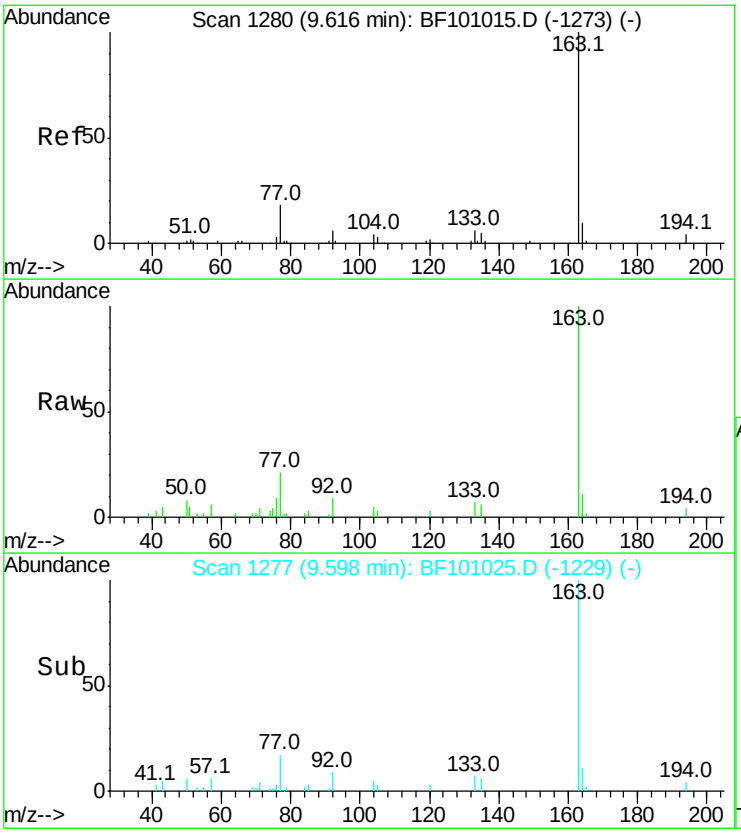
#48
Acenaphthylene
Concen: 3.006 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 32020

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	18.0	10.7	16.1#

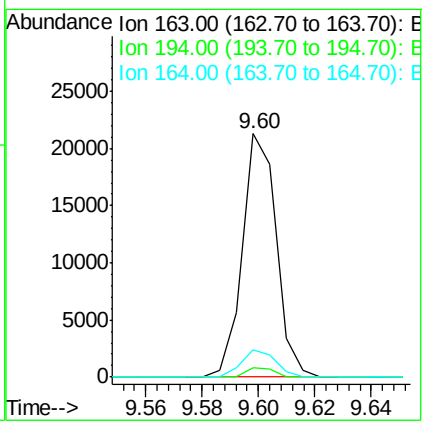


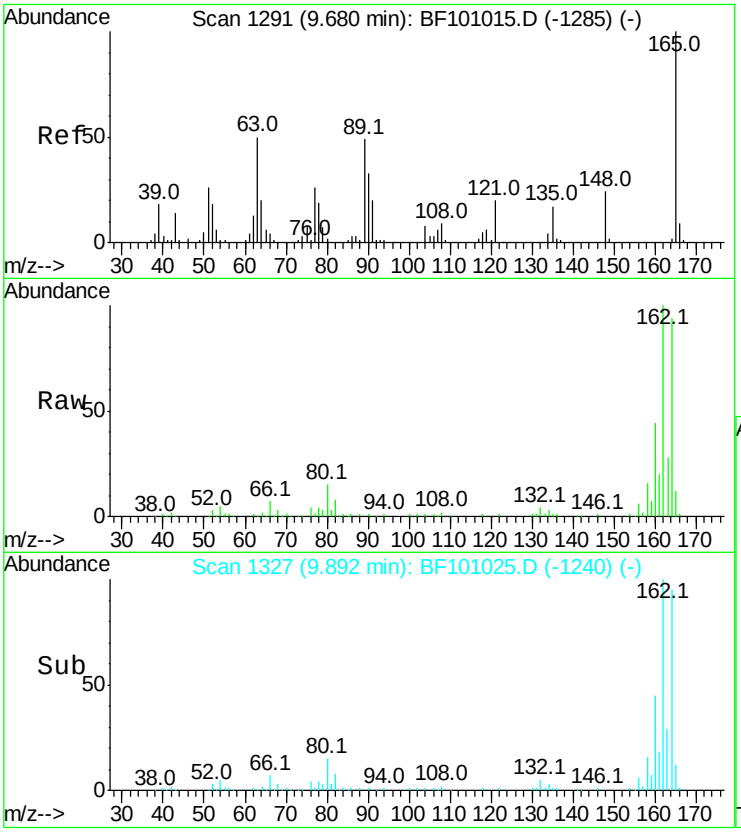


#49
Dimethylphthalate
Concen: 2.205 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:163 Resp: 17714

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.2	8.2	12.2



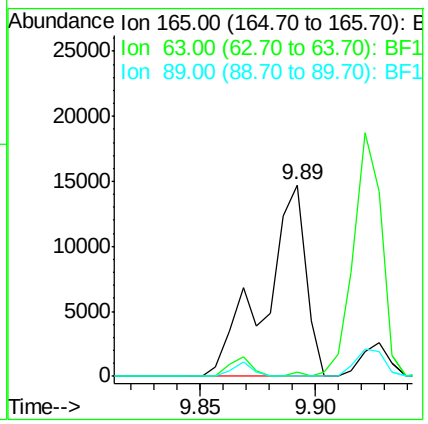


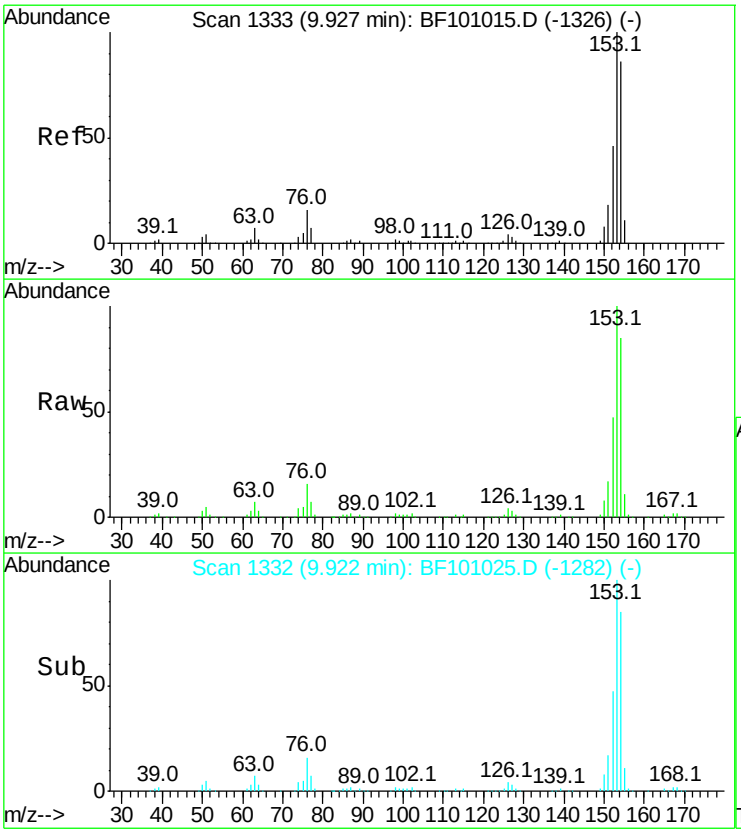
#50
2,6-Dinitrotoluene
Concen: 10.650 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18021

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.7	67.1#
89	0.0	44.0	66.0#

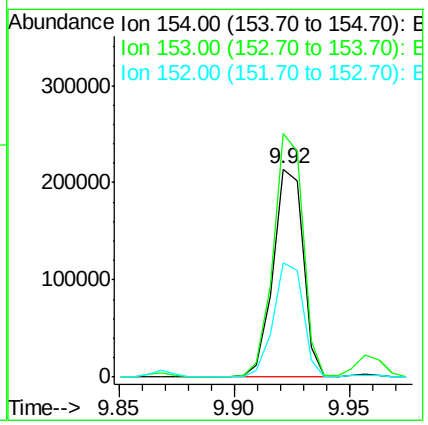


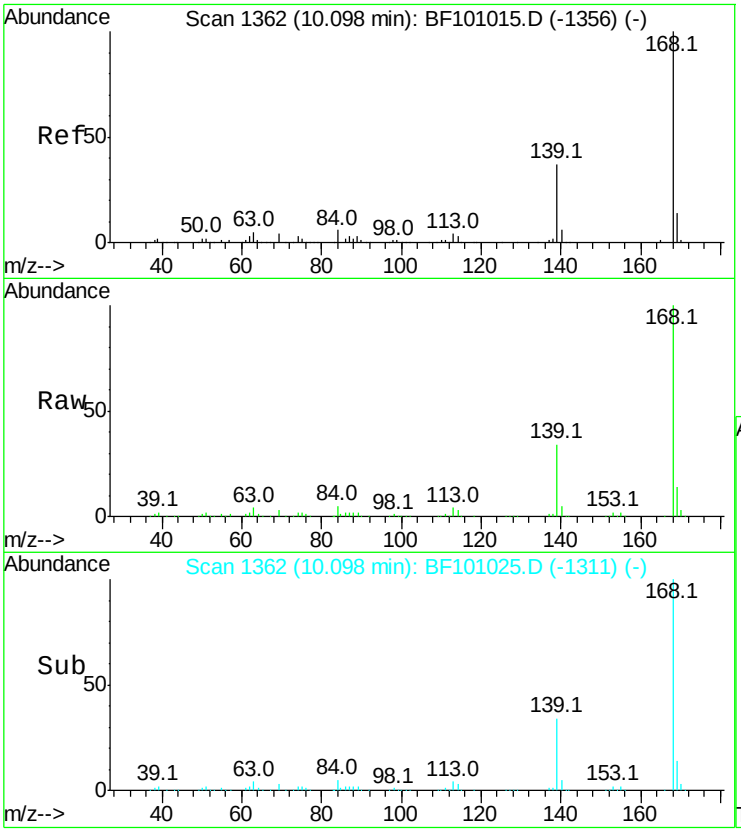


#51
Acenaphthene
Concen: 30.309 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:154 Resp: 193321

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.2	136.8
152	55.1	43.8	65.8



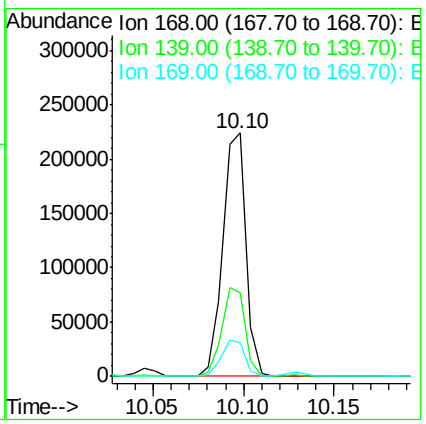


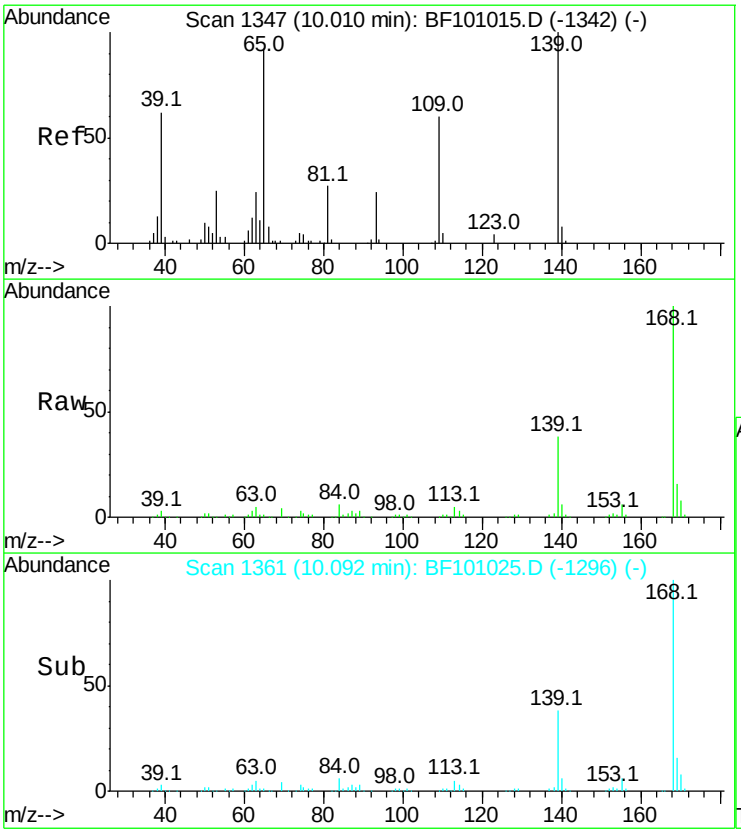
#54
Dibenzofuran
Concen: 21.736 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 199794

Ion	Ratio	Lower	Upper
168	100		
139	34.2	30.1	45.1
169	13.9	10.9	16.3

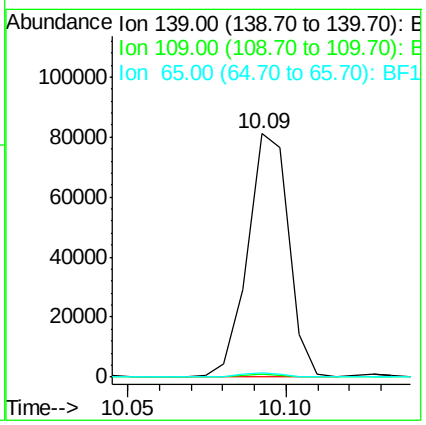


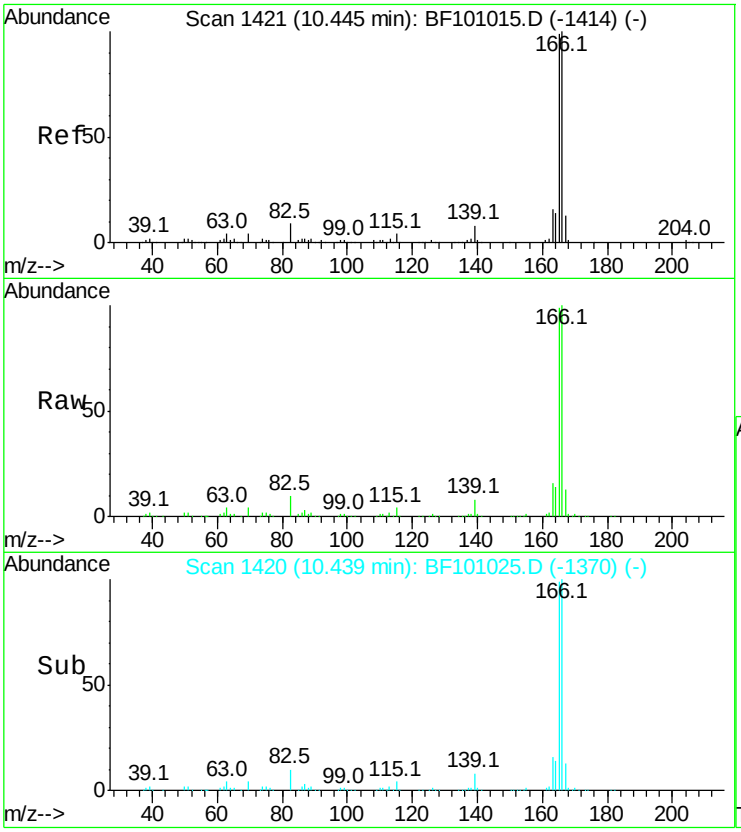


#55
4-Nitrophenol
Concen: 56.987 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:139 Resp: 73132

Ion	Ratio	Lower	Upper
139	100		
109	1.2	48.4	88.4#
65	1.7	72.6	112.6#



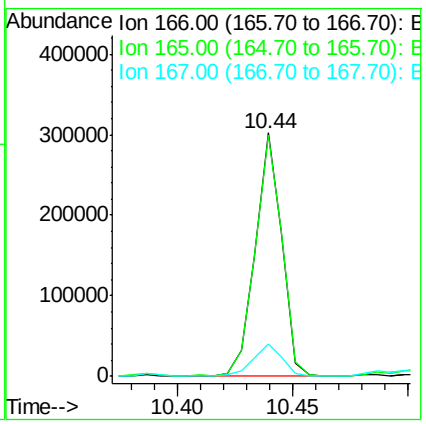


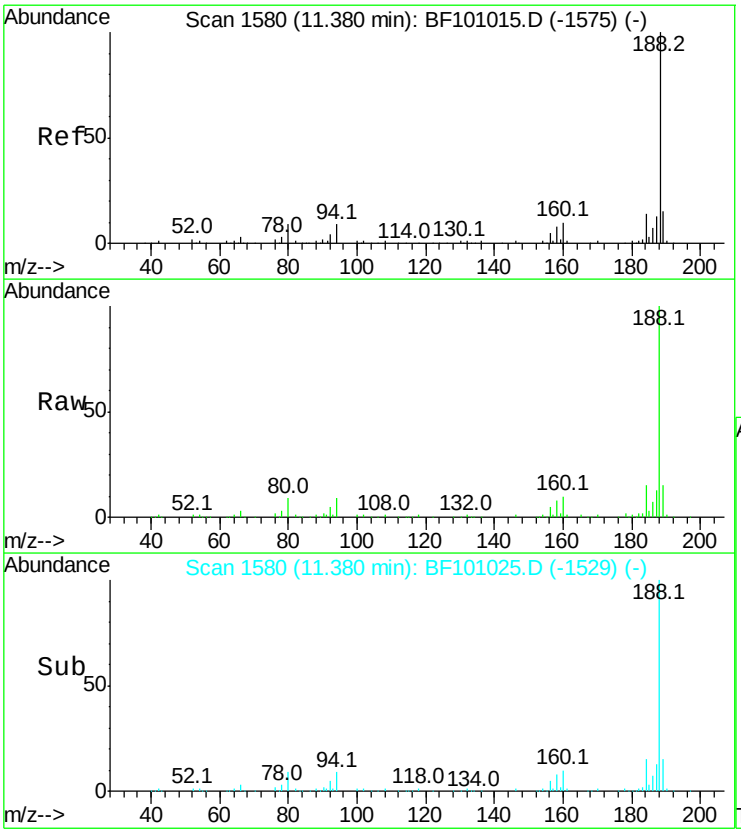
#57
Fluorene
Concen: 32.321 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 241502

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.4	10.6	16.0

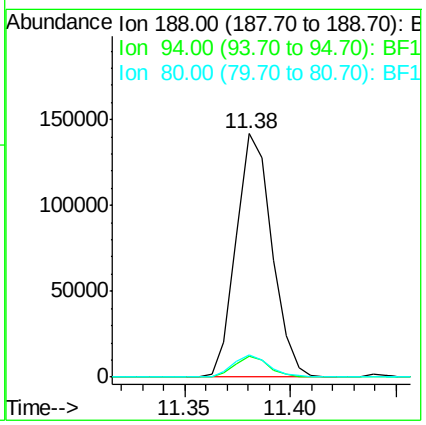


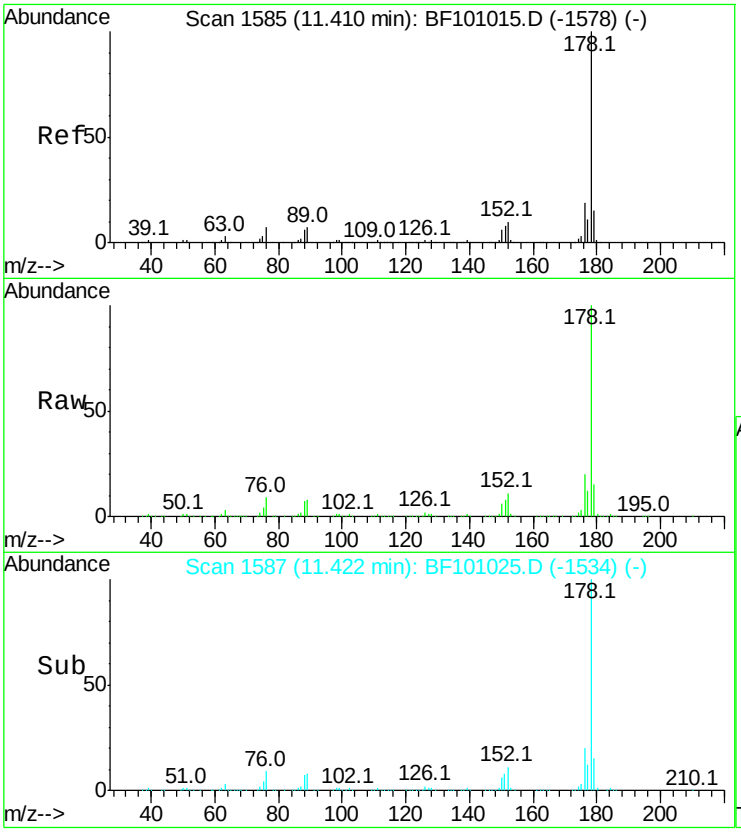


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:188 Resp: 167094

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#



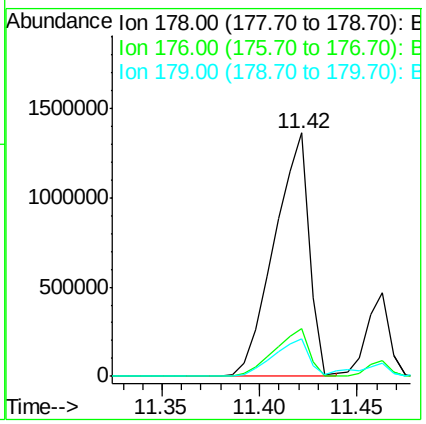


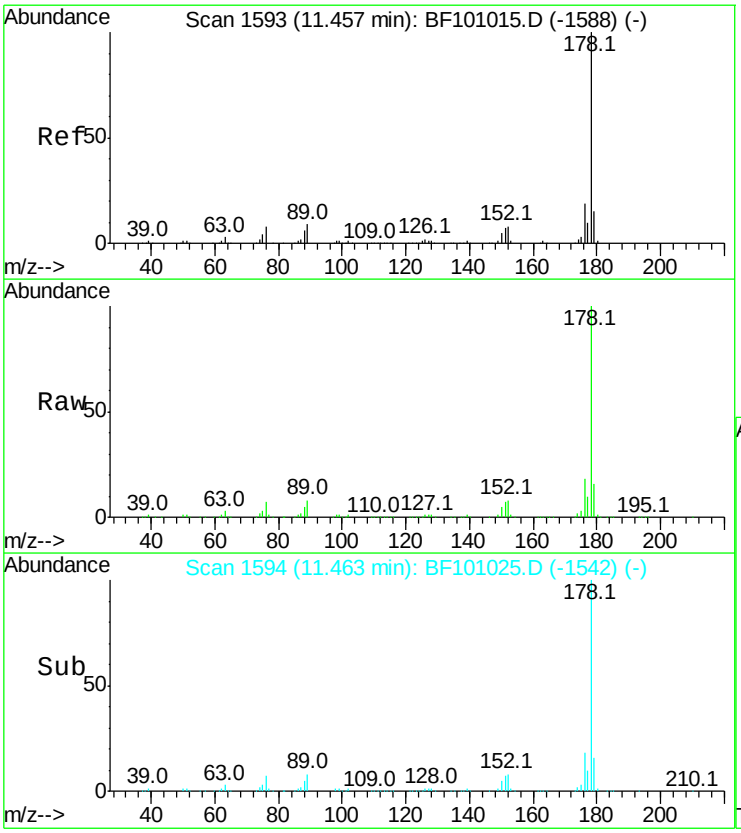
#70
Phenanthrene
Concen: 182.842 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1682475

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6

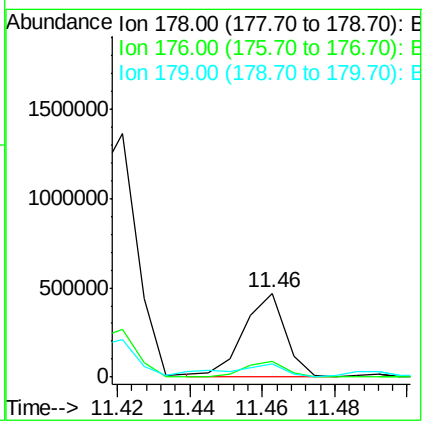


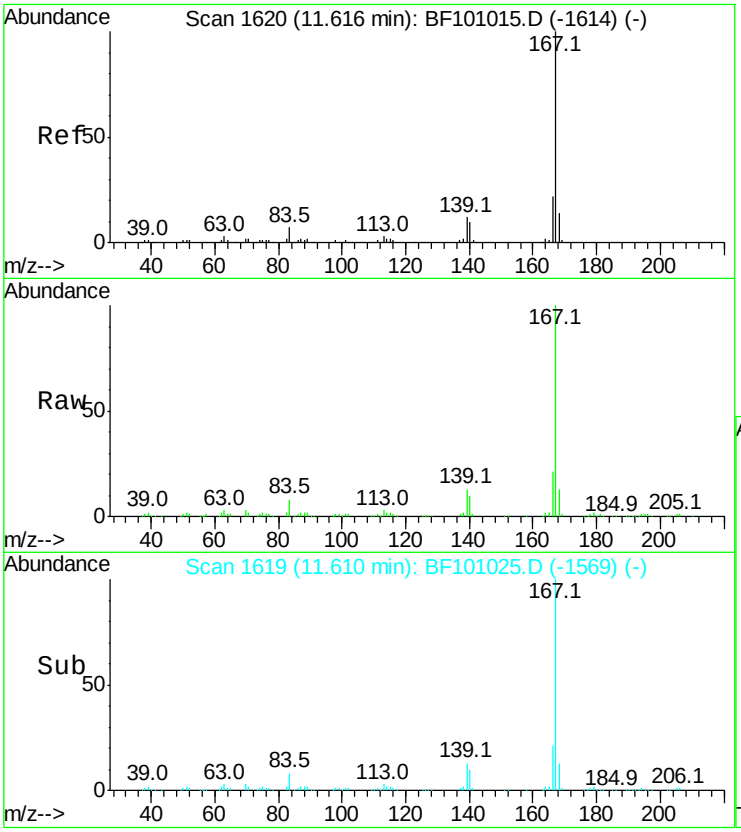


#71
Anthracene
Concen: 39.299 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:178 Resp: 365991

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.7	12.6	19.0



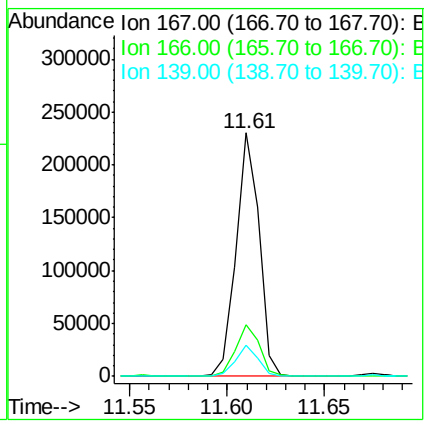


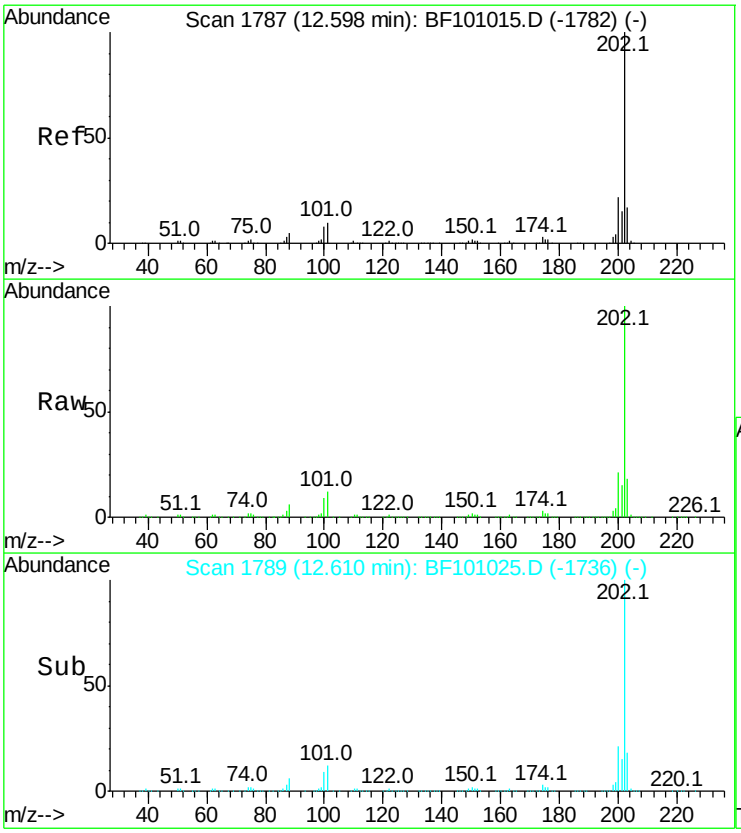
#72
Carbazole
Concen: 22.213 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 189011

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.8	10.9	16.3

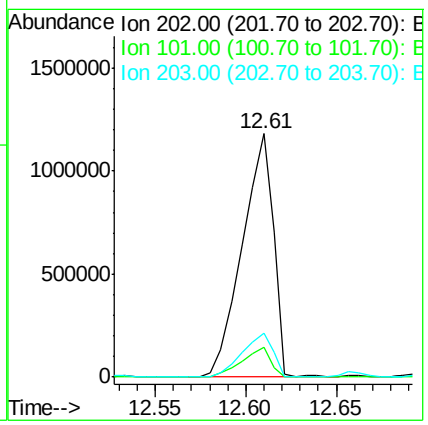


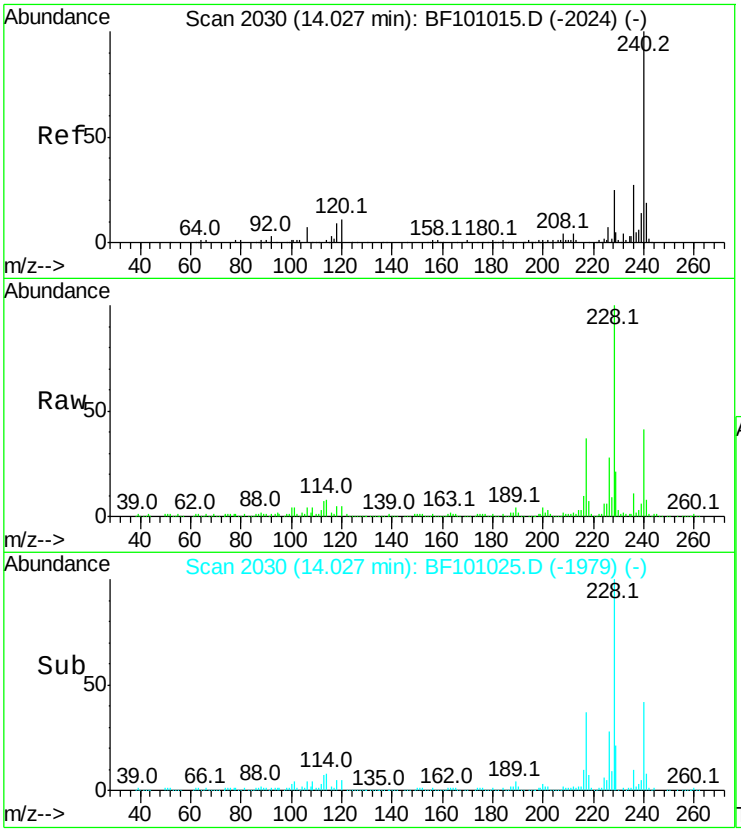


#74
Fluoranthene
Concen: 138.624 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:202 Resp: 1413967

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.8	0.0	38.1



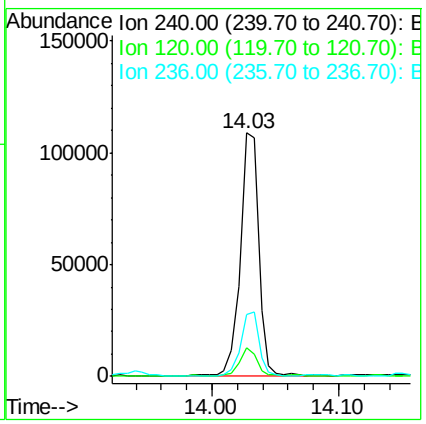


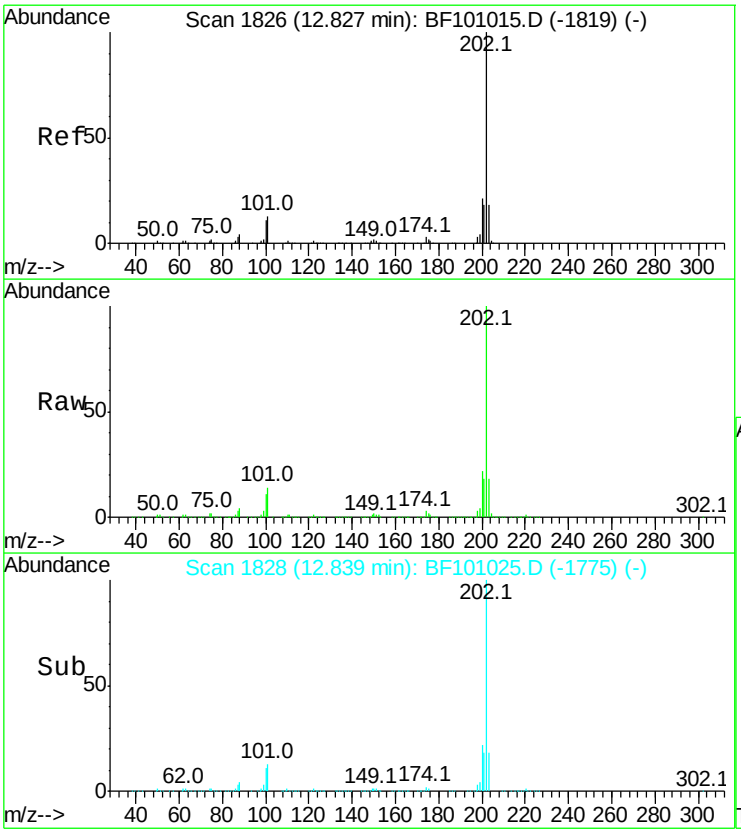
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 110674

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.6	20.7	31.1

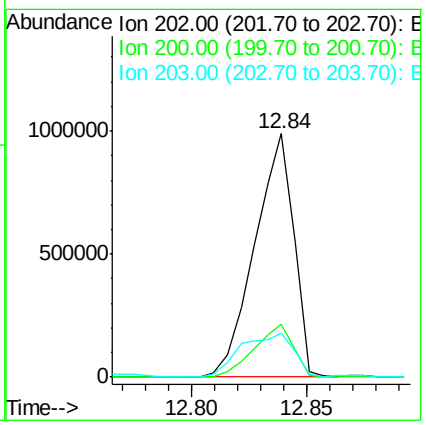


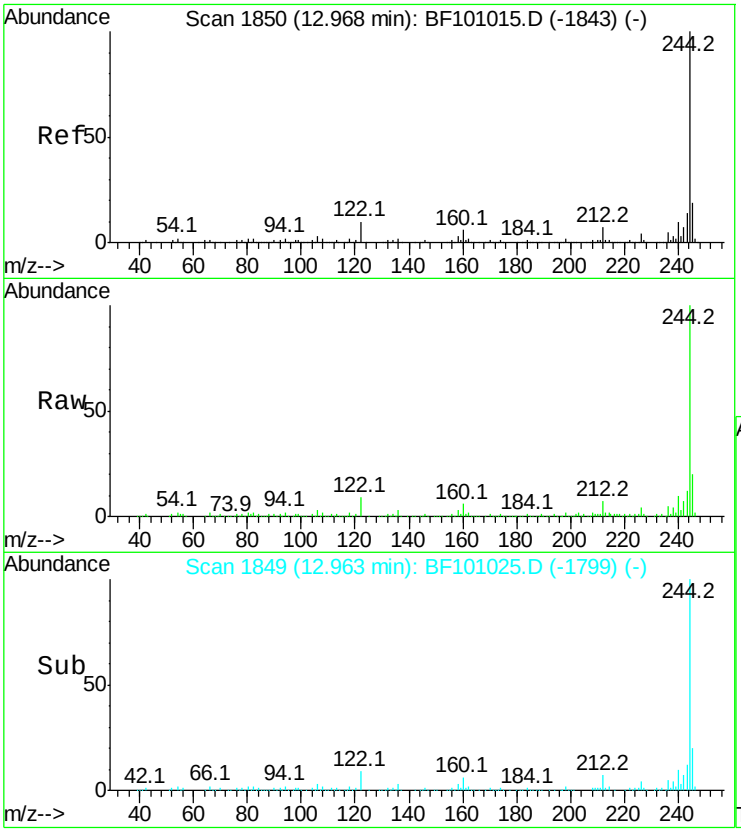


#77
Pyrene
Concen: 151.929 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:202 Resp: 1160261

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.1	14.3	21.5



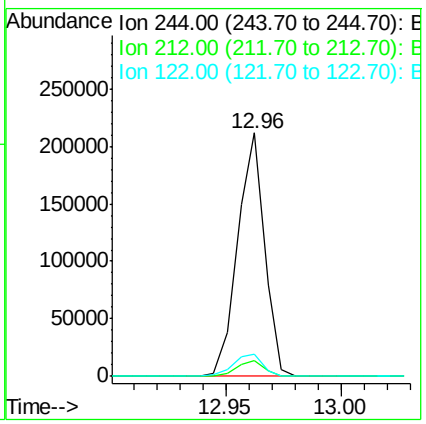


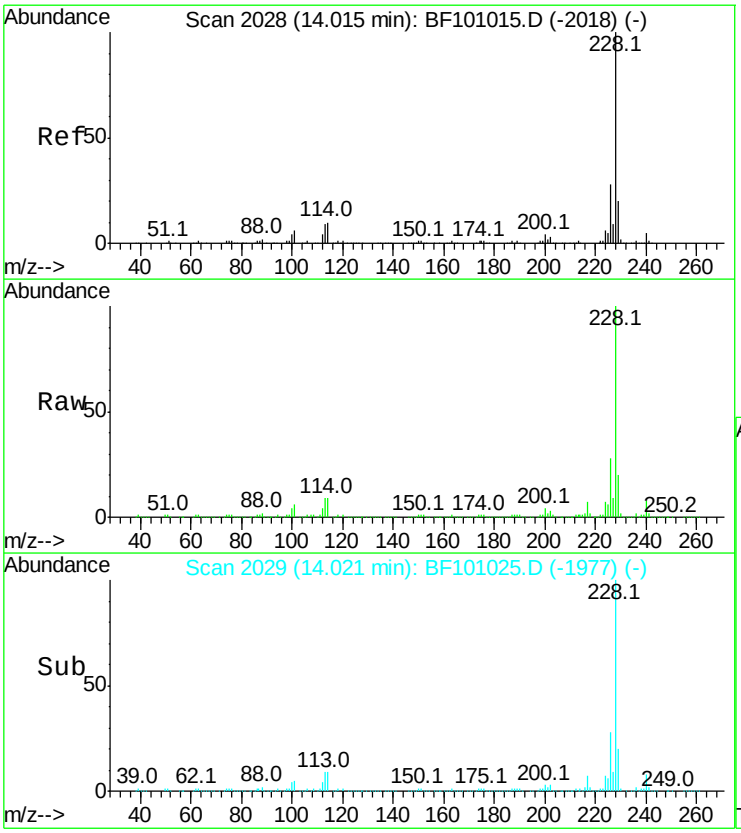
#78
Terphenyl-d14
Concen: 34.098 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 172535

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.2	11.0	16.4#

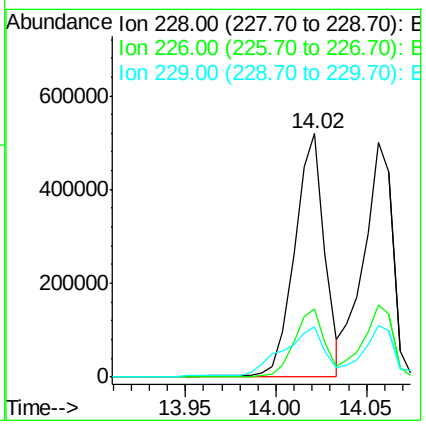


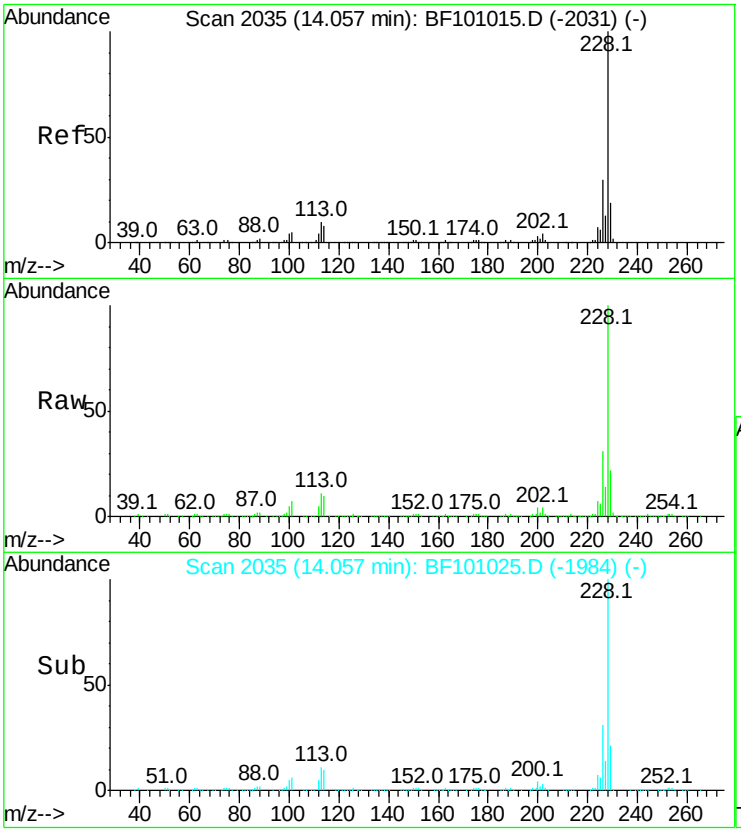


#80
Benzo(a)anthracene
Concen: 86.090 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:228 Resp: 601576

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.4	15.8	23.6



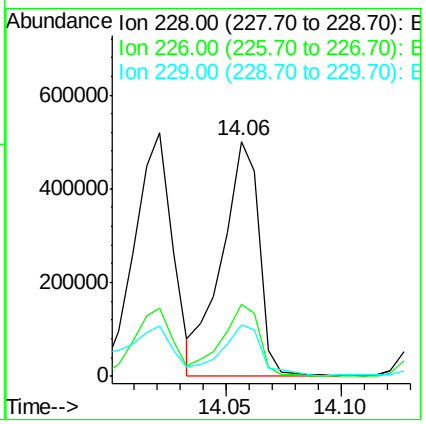


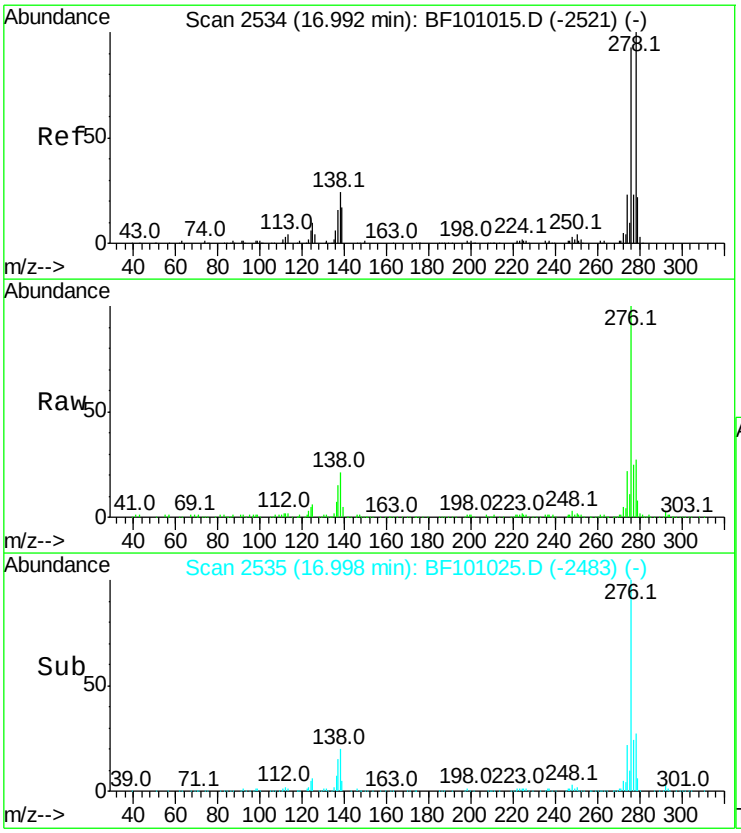
#82
Chrysene
Concen: 86.707 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 562704

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.9	16.2	24.4

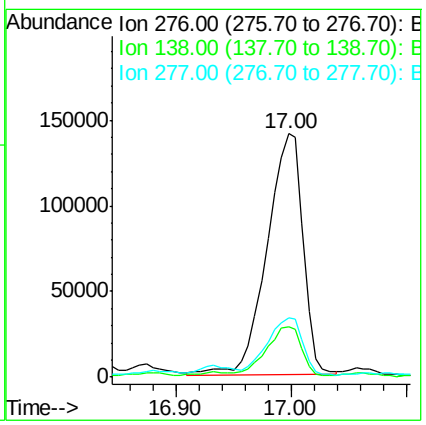


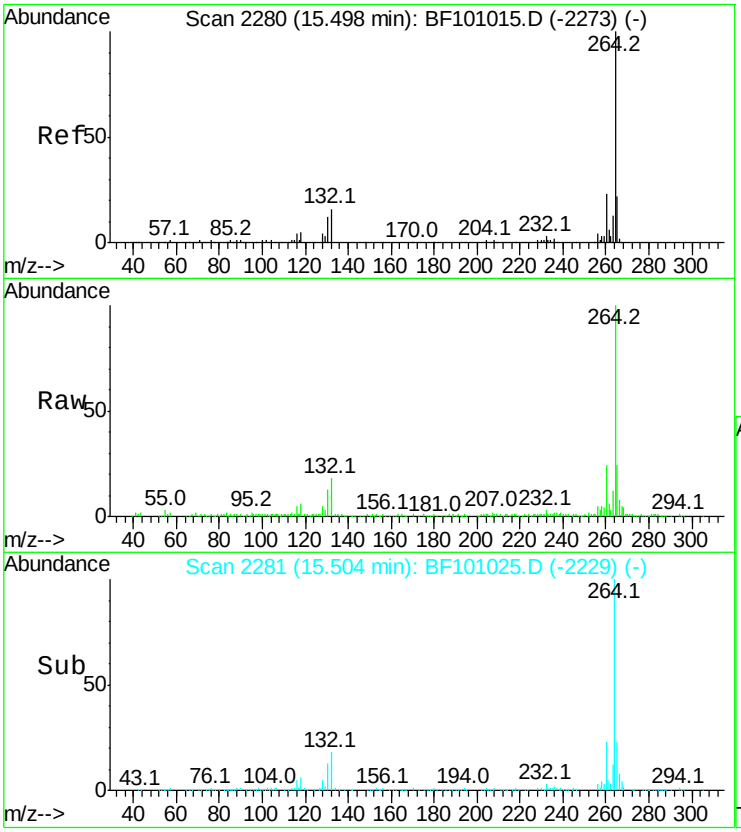


#85
Indeno(1,2,3-cd)pyrene
Concen: 53.075 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:276 Resp: 306224

Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	23.3	20.1	30.1



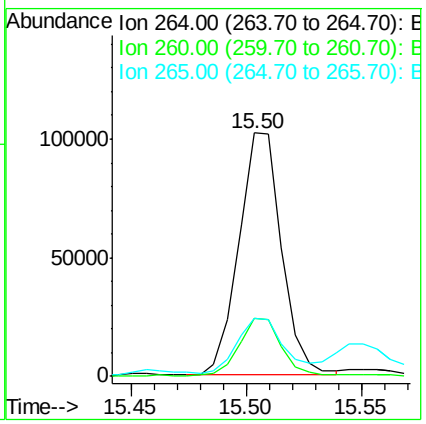


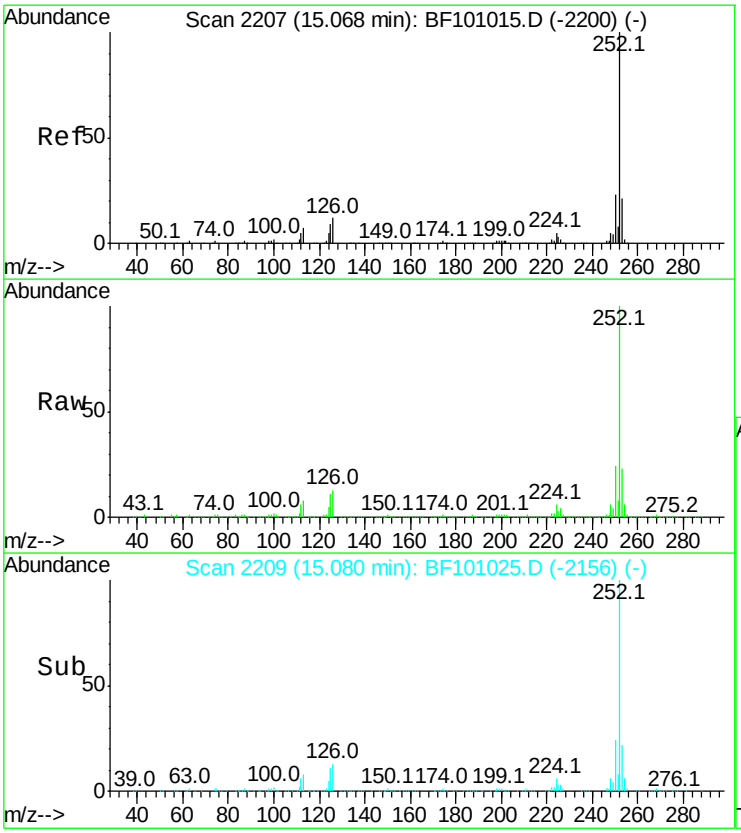
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 131556

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.6	17.5	26.3

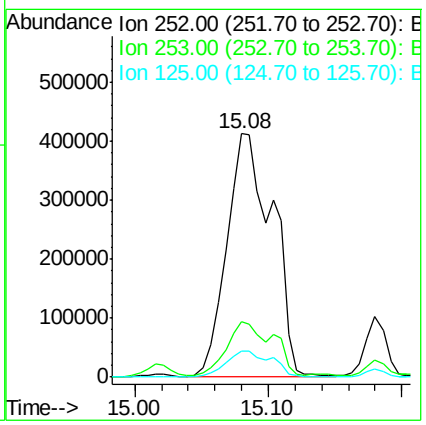


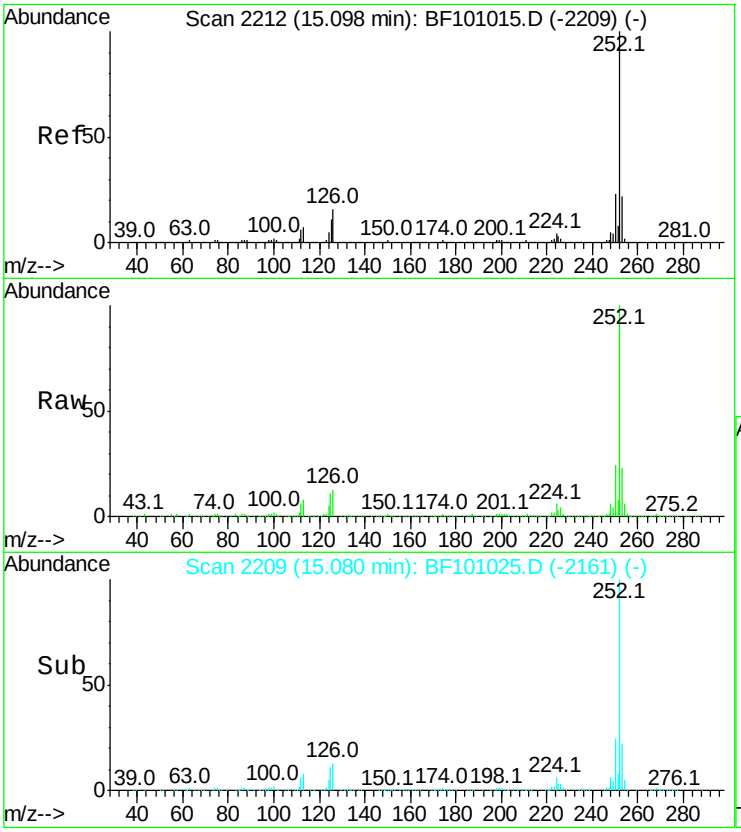


#87
Benzo(b)fluoranthene
Concen: 124.567 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:252 Resp: 981573

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	10.9	9.0	13.6



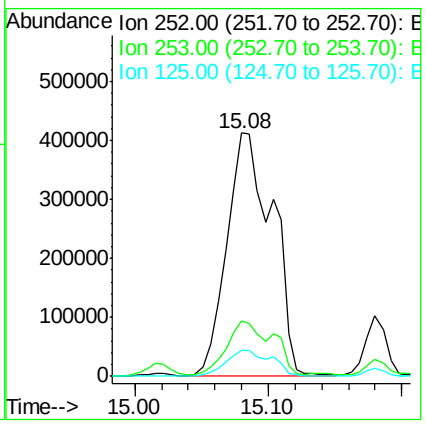


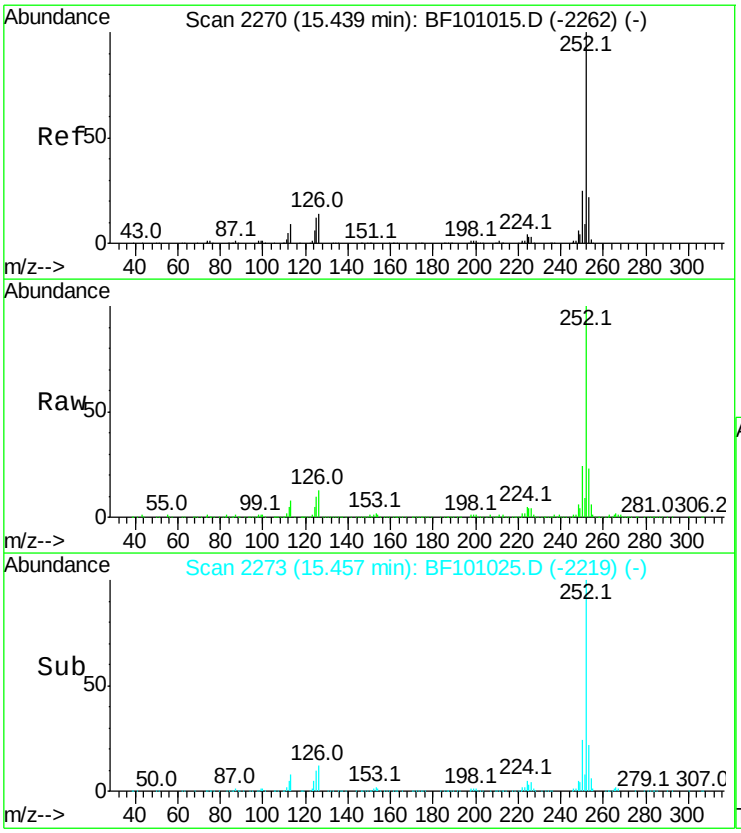
#88
Benzo(k)fluoranthene
Concen: 126.436 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 981573

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.9	10.2	15.2

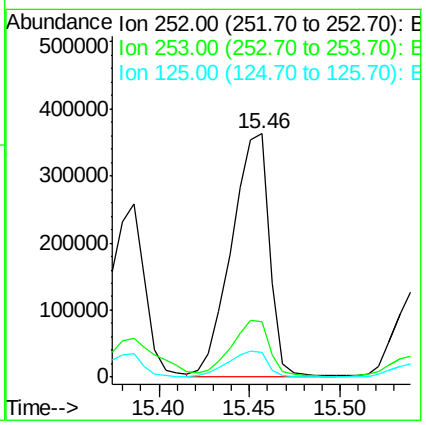


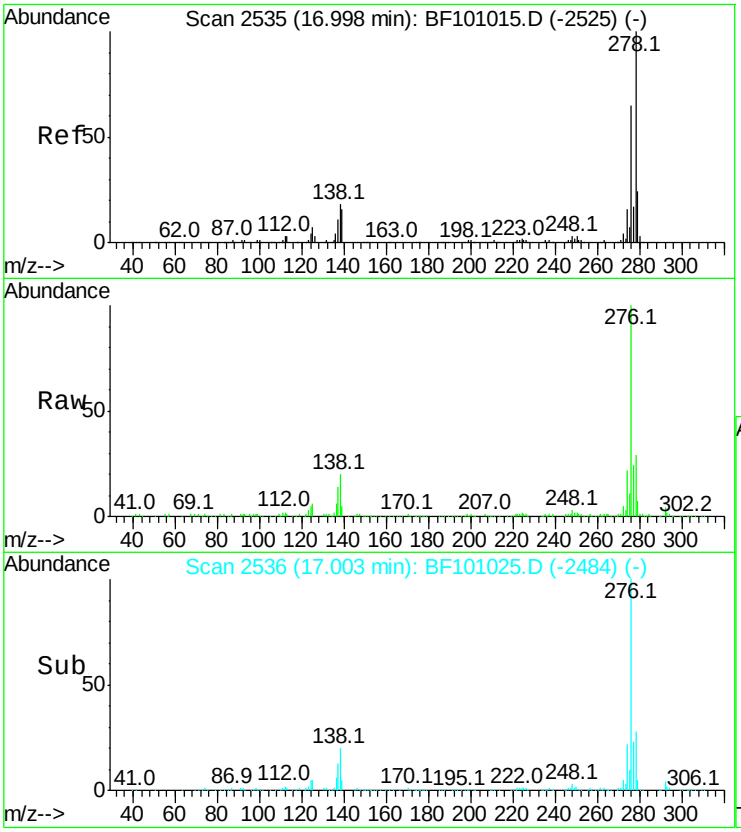


#89
Benzo(a)pyrene
Concen: 73.130 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:252 Resp: 523889

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.0	9.8	14.6



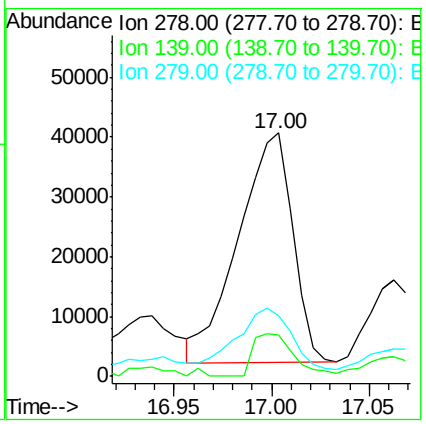


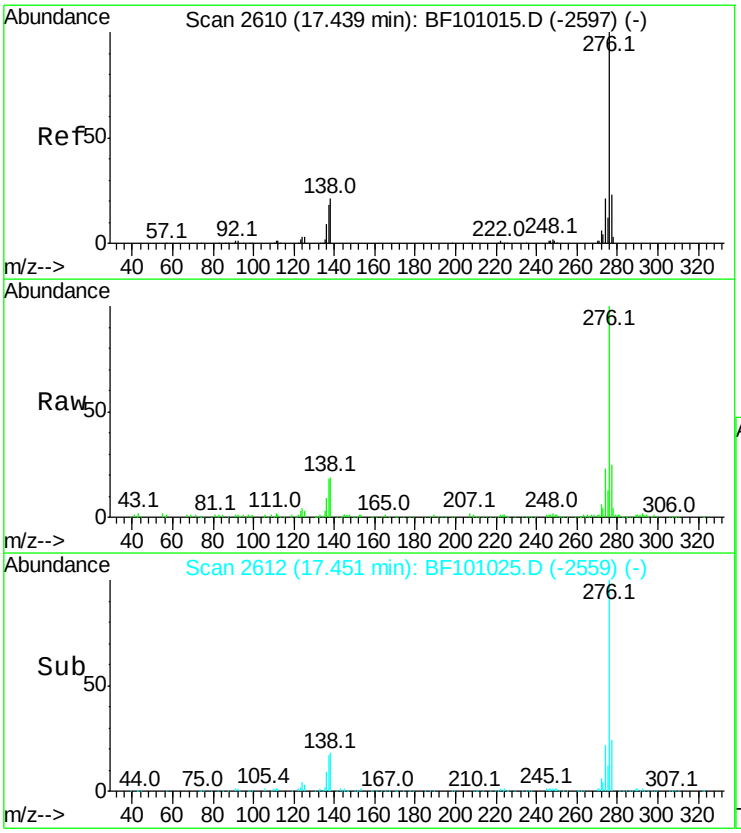
#90
Dibenzo(a,h)anthracene
Concen: 11.771 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 74343

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	25.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 42.710 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF101025.D
Acq: 30 Nov 2017 18:50

Tgt Ion:276 Resp: 254206

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	19.2	21.8	32.8#