Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098443.D
Acq On : 12 Sep 2017 10:41
Operator : SJ/JU
Sample : I5151-06DL 100X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 11:40:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	235938	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	943671	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	393829	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	591535	20.00	ng		0.00
75) Chrysene-d12	13.82	240	397688	20.00	ng		0.00
86) Perylene-d12	15.22	264	413073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	6358	0.40	ng		0.02
7) Phenol-d6	6.33	99	8883	0.44	ng		0.01
23) Nitrobenzene-d5	7.24	82	6311	0.37	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	796	0.30	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	11276	0.49	ng		-0.01
78) Terphenyl-d14	12.76	244	7523	0.41	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.99	128	5803165	124.396	ng		97
32) Benzoic acid	7.99	122	14693	9.200	ng	#	1
33) 4-Chloroaniline	7.99	127	834791	44.030	ng	#	34
35) Caprolactam	8.66	113	26688	6.271	ng	#	1
37) 2-Methylnaphthalene	8.67	142	1110426	39.296	ng		100
45) 1,1'-Biphenyl	9.13	154	347996	9.872	ng		98
48) Acenaphthylene	9.56	152	294041	7.856	ng	#	97
51) Acenaphthene	9.74	154	1086360	45.658	ng		98
54) Dibenzofuran	9.90	168	988107	31.523	ng		97
55) 4-Nitrophenol	9.90	139	383251	88.246	ng	#	27
57) Fluorene	10.25	166	860487	33.166	ng		99
70) Phenanthrene	11.22	178	3230167	103.006	ng		99
71) Anthracene	11.26	178	1169294	36.318	ng		98
72) Carbazole	11.42	167	374770	12.490	ng		99
74) Fluoranthene	12.40	202	2084486	66.400	ng		99
77) Pyrene	12.62	202	1788520	57.010	ng		100
80) Benzo(a)anthracene	13.84	228	580142	24.882	ng		95
82) Chrysene	13.84	228	580142	24.615	ng		97
85) Indeno(1,2,3-cd)pyrene	16.56	276	254371	15.384	ng		95
87) Benzo(b)fluoranthene	14.83	252	935672	36.025	ng	#	97
88) Benzo(k)fluoranthene	14.83	252	935672	38.589	ng		98
89) Benzo(a)pyrene	15.16	252	574759	24.839	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	49210	2.924	ng		97
91) Benzo(g,h,i)perylene	16.96	276	236066	13.944	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
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Acq On : 12 Sep 2017 10:41
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
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QLast Update : Tue Sep 12 02:14:50 2017
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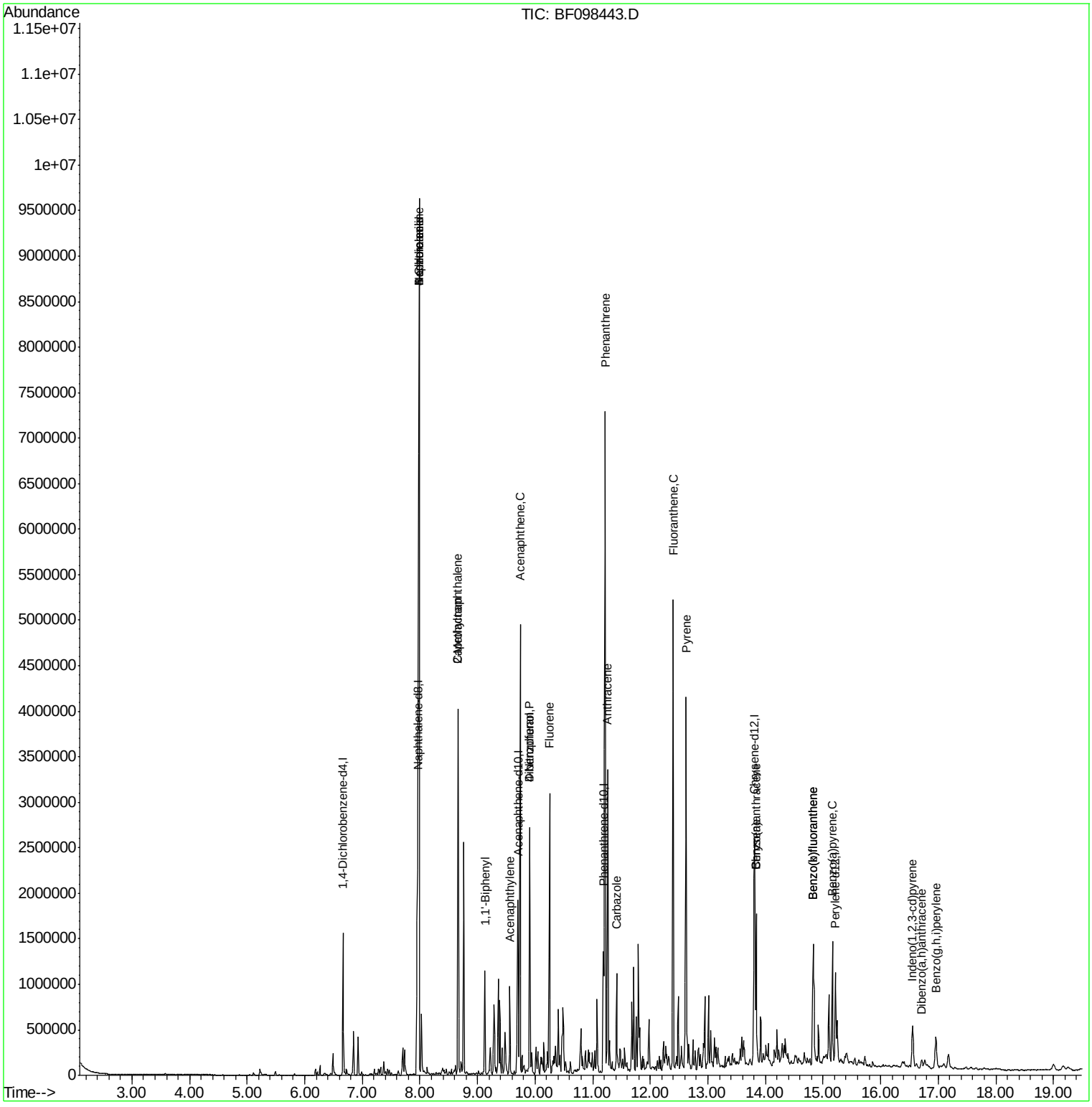
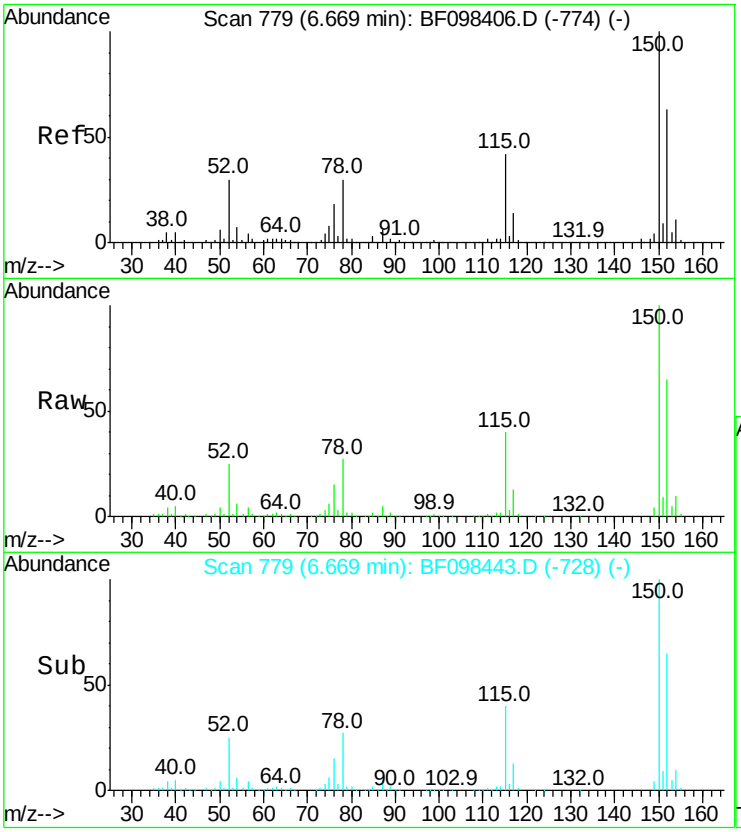


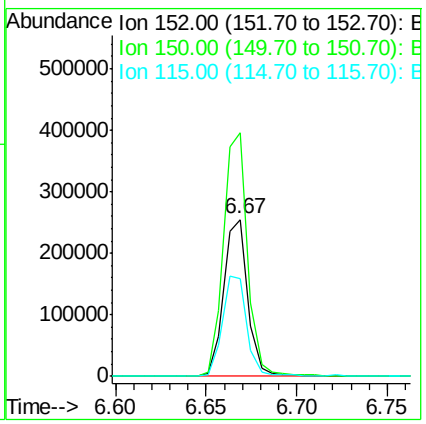


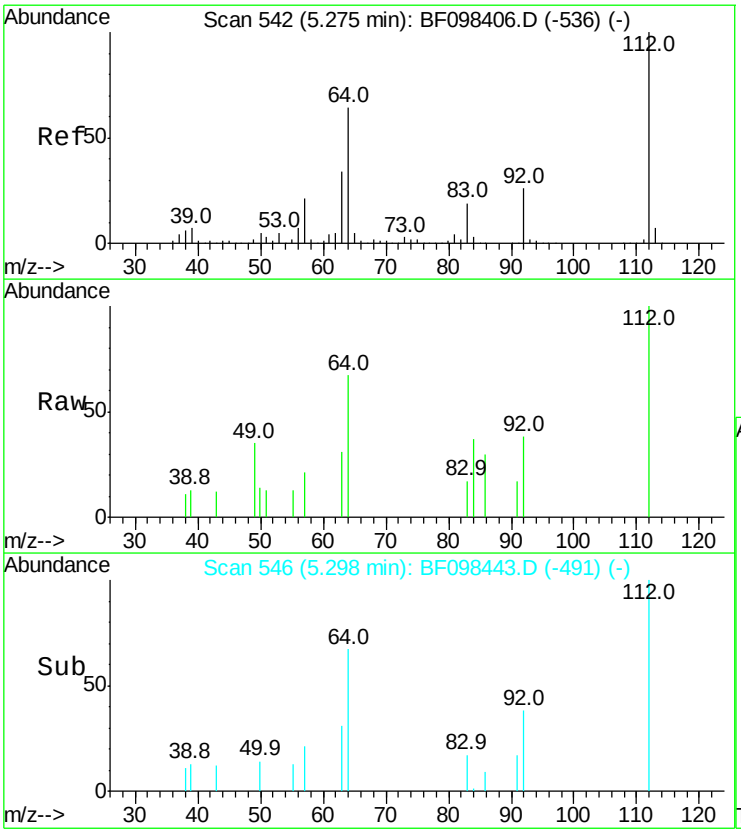
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 235938

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	62.4	52.2	78.2

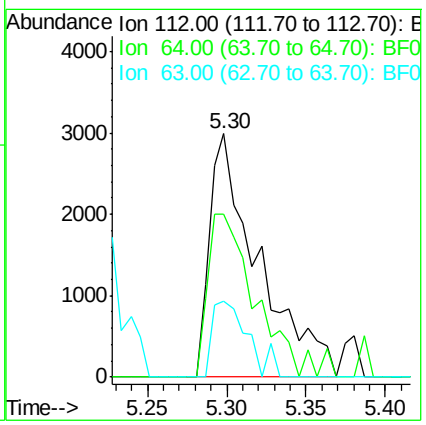


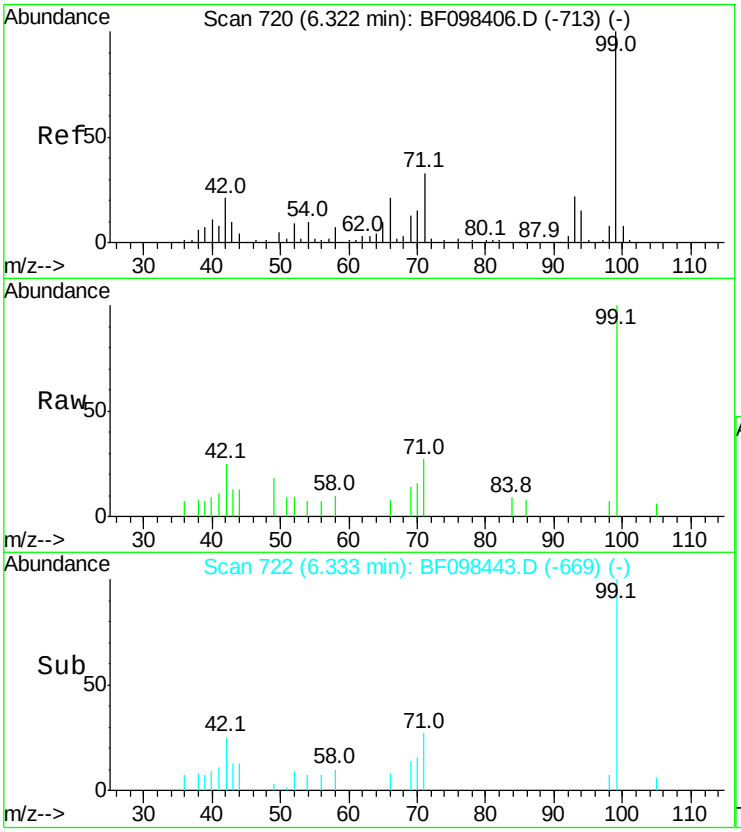


#5
2-Fluorophenol
Concen: 0.398 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:112 Resp: 6358

Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	31.4	23.4	35.0



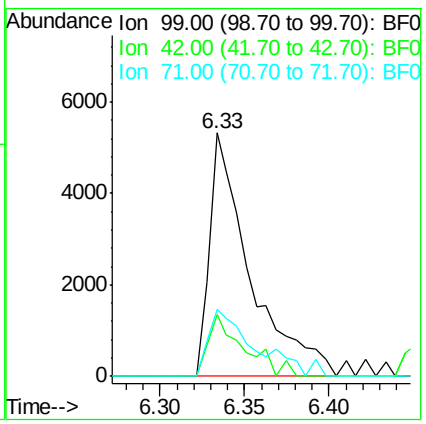


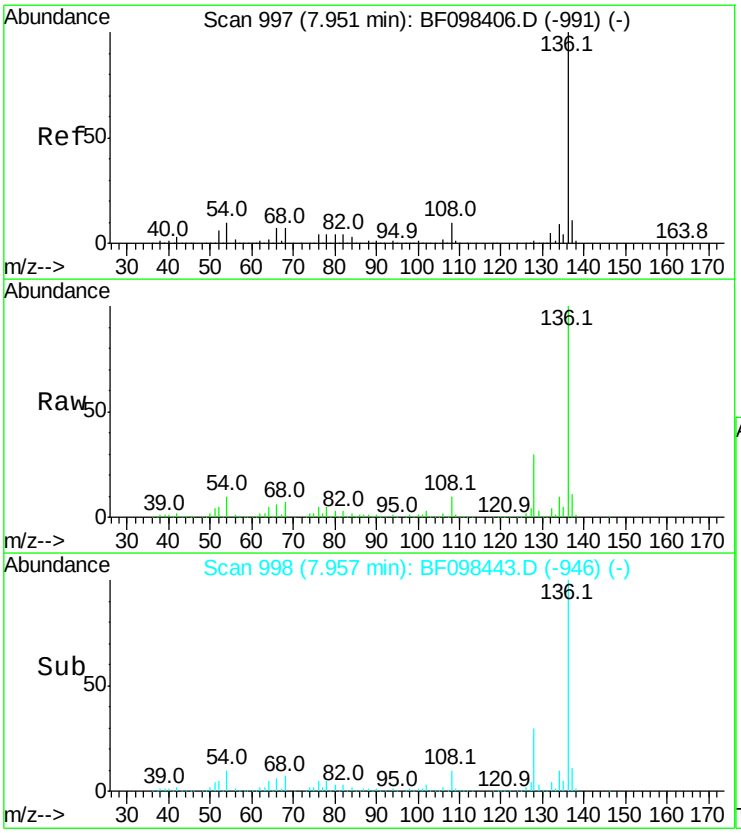
#7
Phenol-d6
Concen: 0.438 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 8883

Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.5	20.3#
71	27.3	24.5	36.7

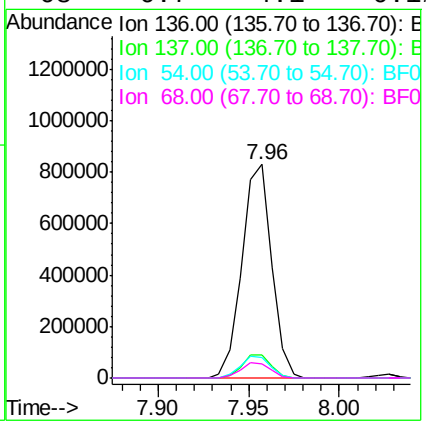


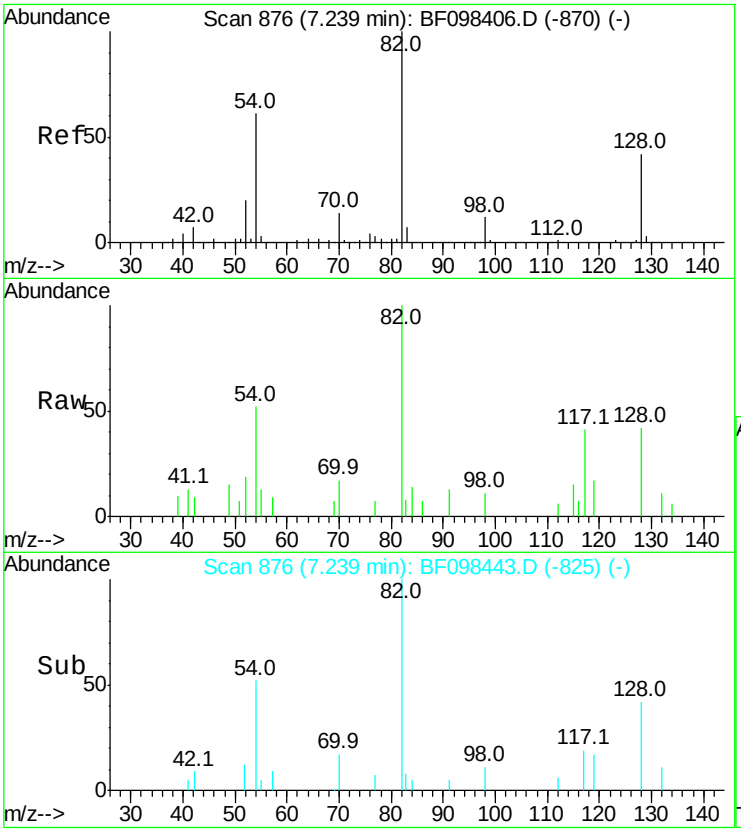


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:136 Resp: 943671

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.7	4.9	7.3#
68	6.7	4.1	6.1#



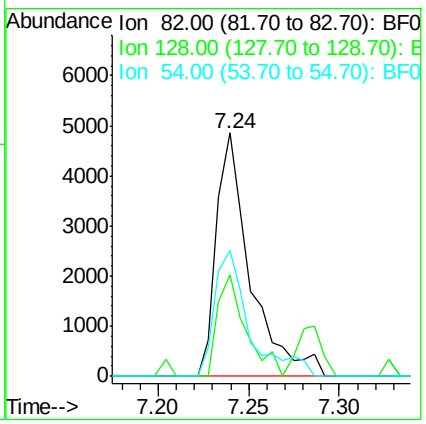


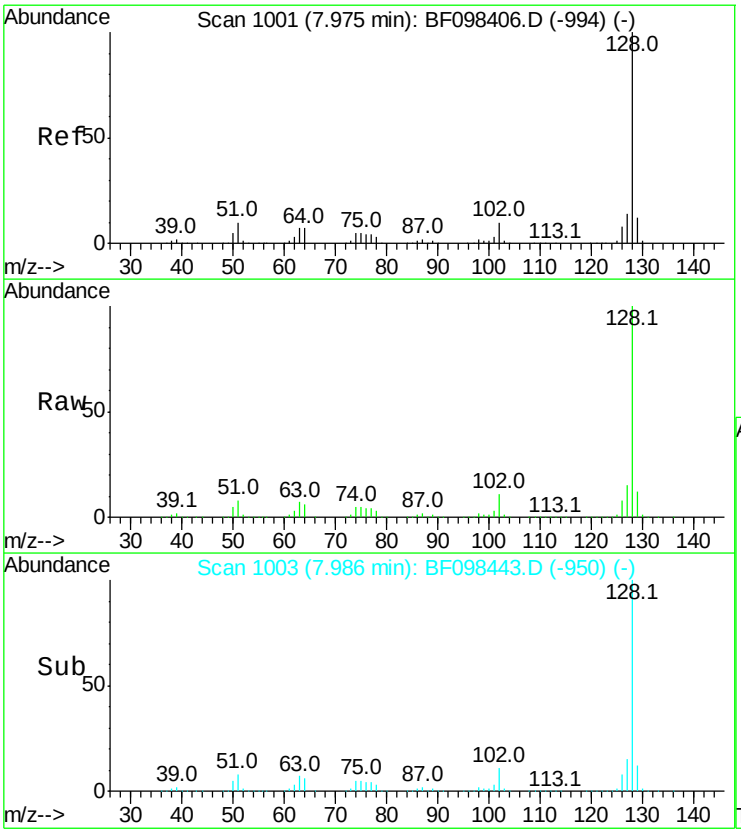
#23
Nitrobenzene-d5
Concen: 0.373 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 6311

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	51.9	42.2	63.2

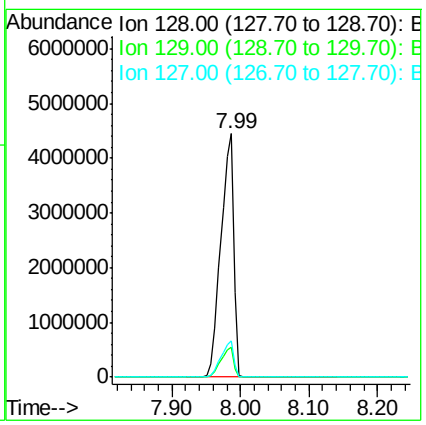


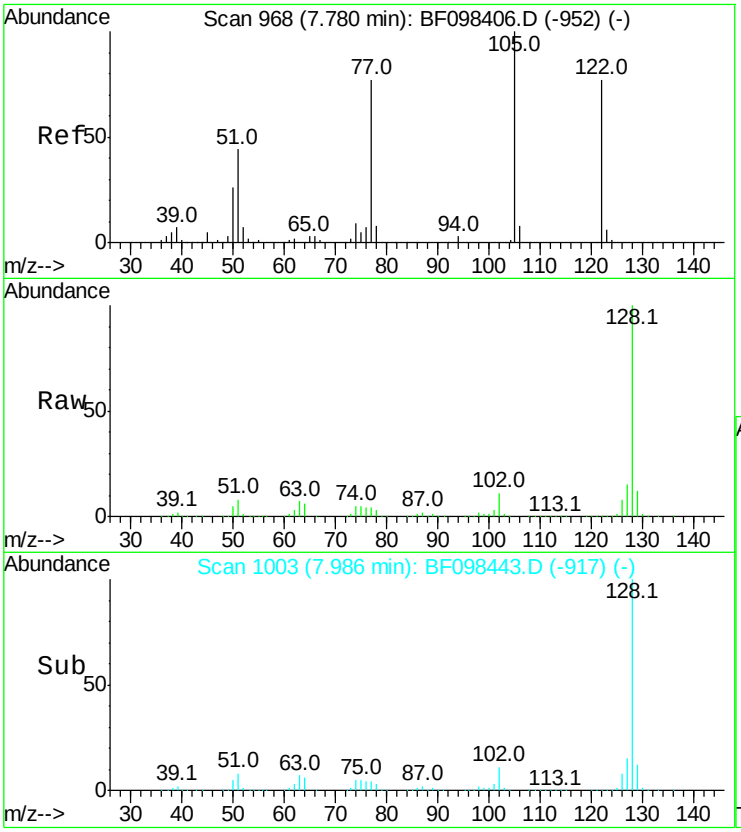


#31
Naphthalene
Concen: 124.396 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:128 Resp: 5803165

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	14.8	10.8	16.2



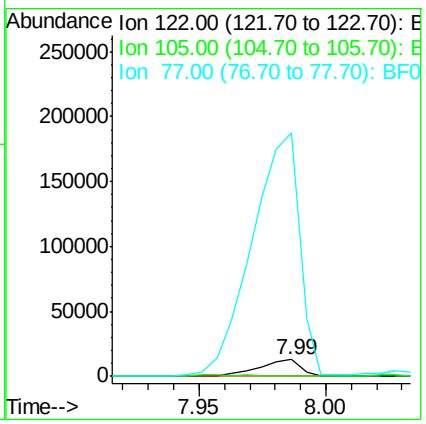


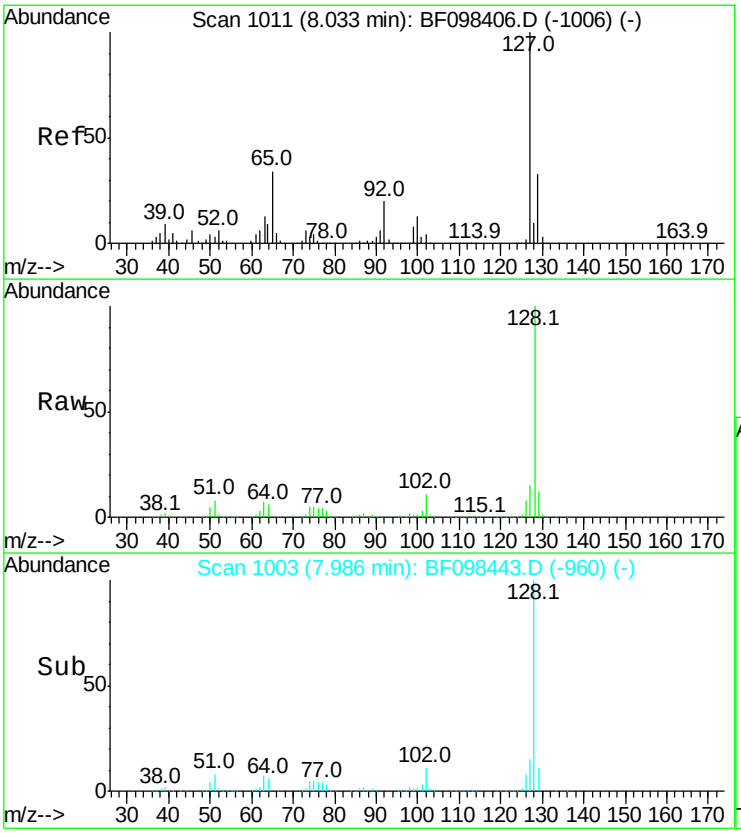
#32
Benzoic acid
Concen: 9.200 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.21 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 14693

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	1475.7	73.7	113.7#

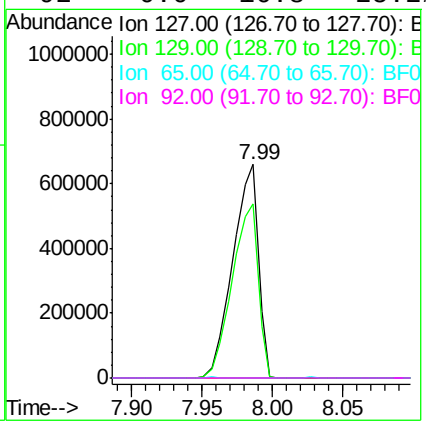


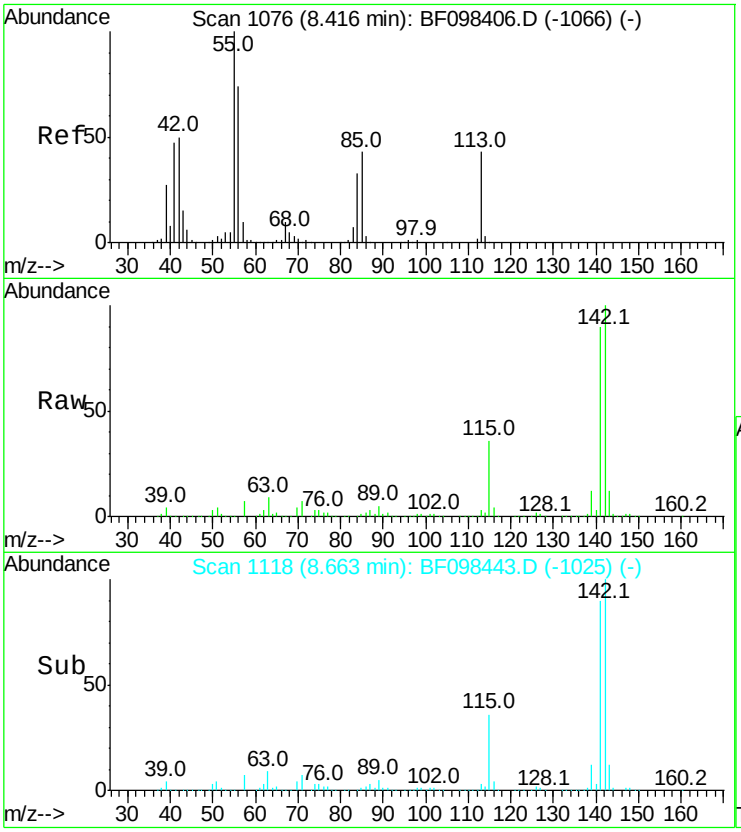


#33
4-Chloroaniline
Concen: 44.030 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.05 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:127 Resp: 834791

Ion	Ratio	Lower	Upper
127	100		
129	81.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



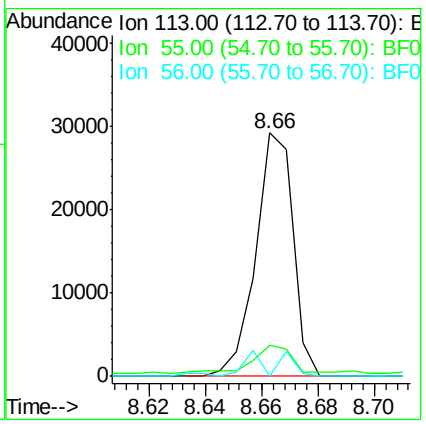


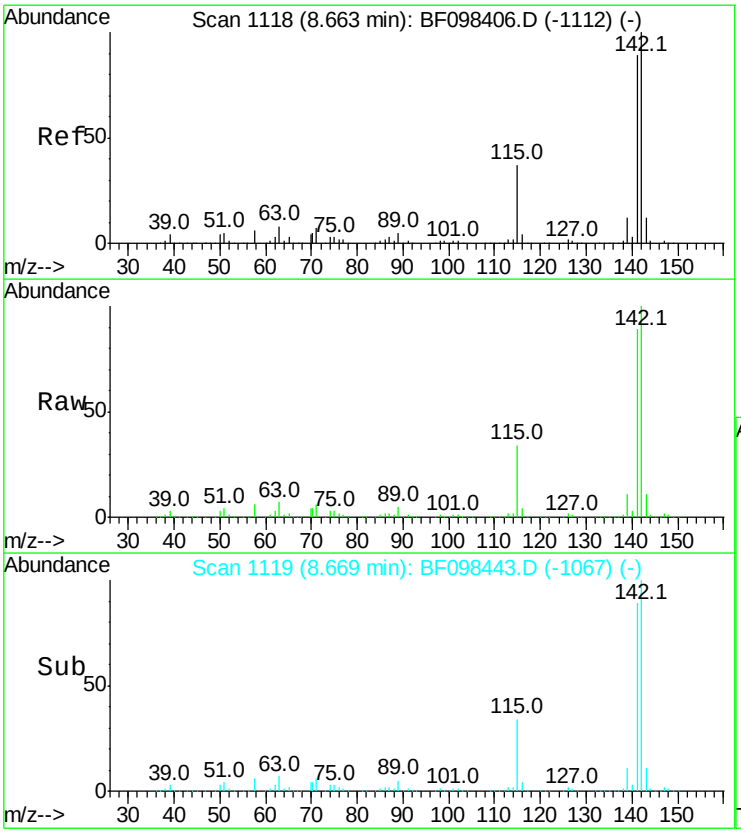
#35
Caprolactam
Concen: 6.271 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.25 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 26688

Ion	Ratio	Lower	Upper
113	100		
55	12.9	150.2	190.2#
56	0.0	107.8	147.8#

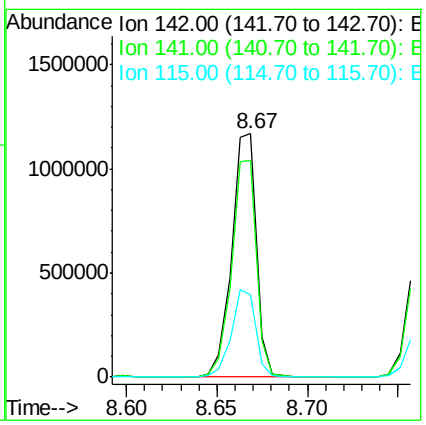


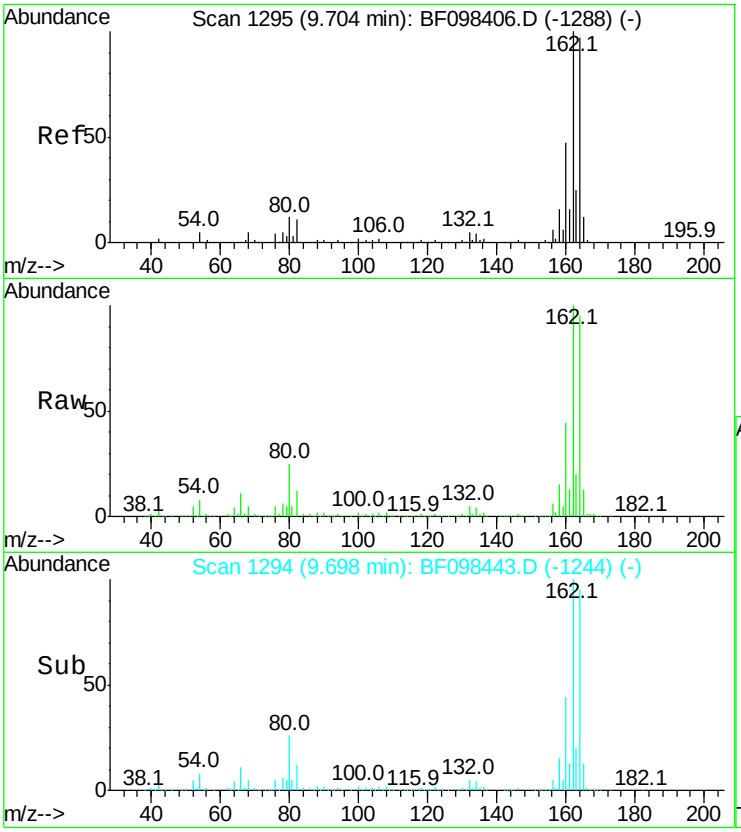


#37
2-Methylnaphthalene
Concen: 39.296 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:142 Resp: 1110426

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	33.9	27.1	40.7



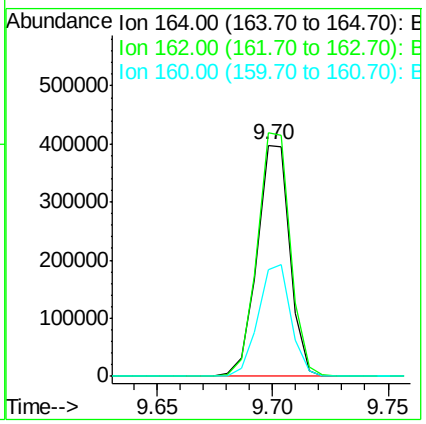


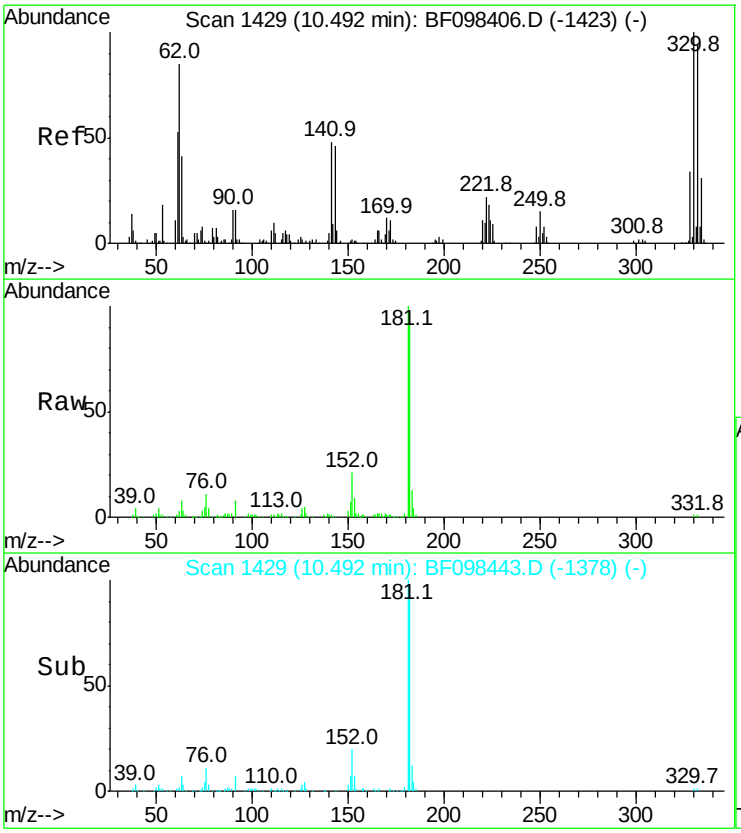
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 393829

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	46.3	36.2	54.2

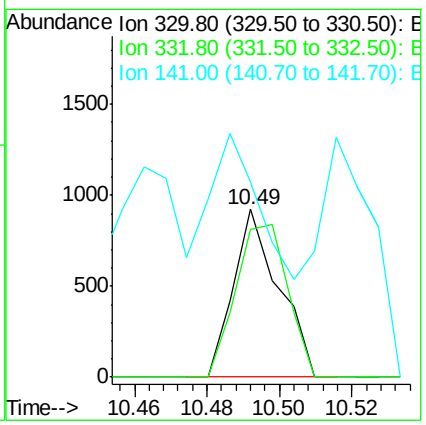


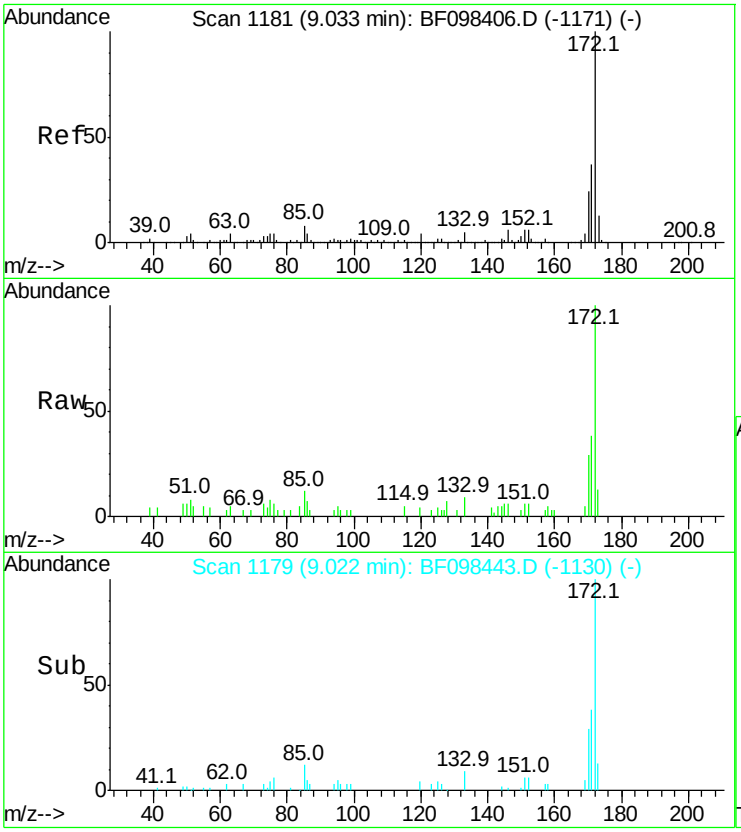


#41
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:330 Resp: 796

Ion	Ratio	Lower	Upper
330	100		
332	104.5	76.6	115.0
141	123.1	31.4	47.2#



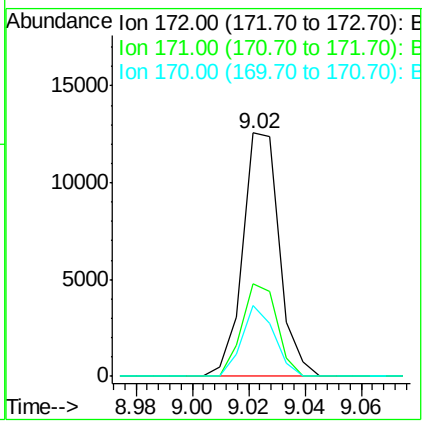


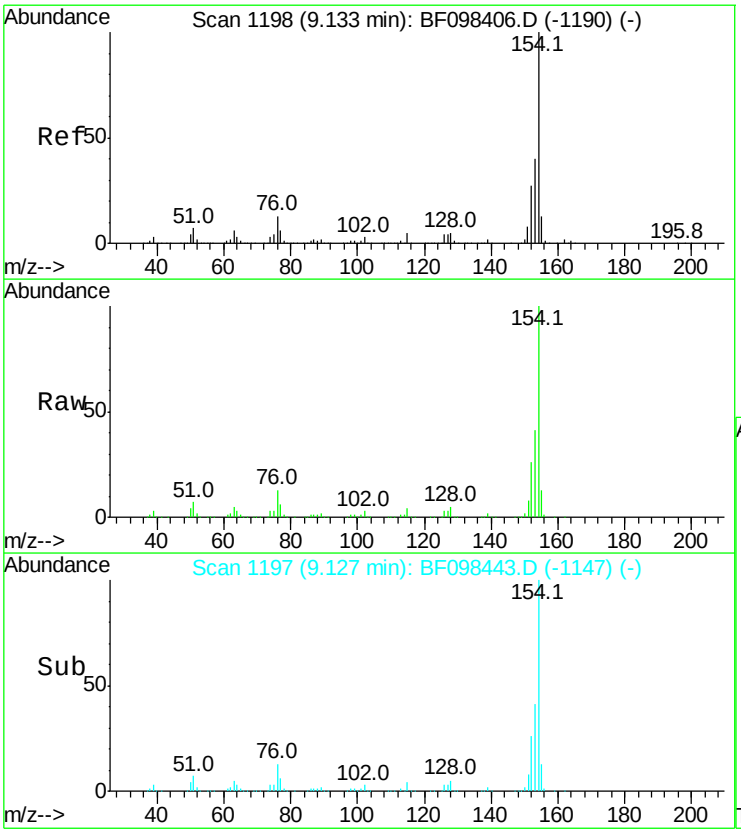
#44
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 11276

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.6	44.4
170	28.9	19.8	29.8

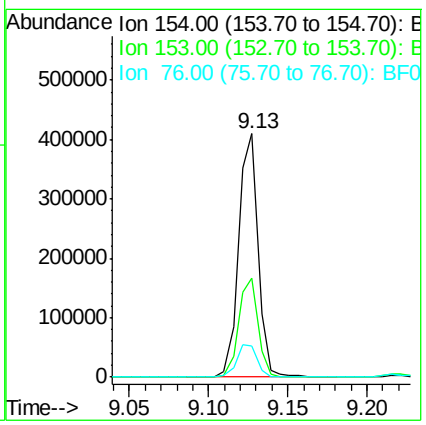


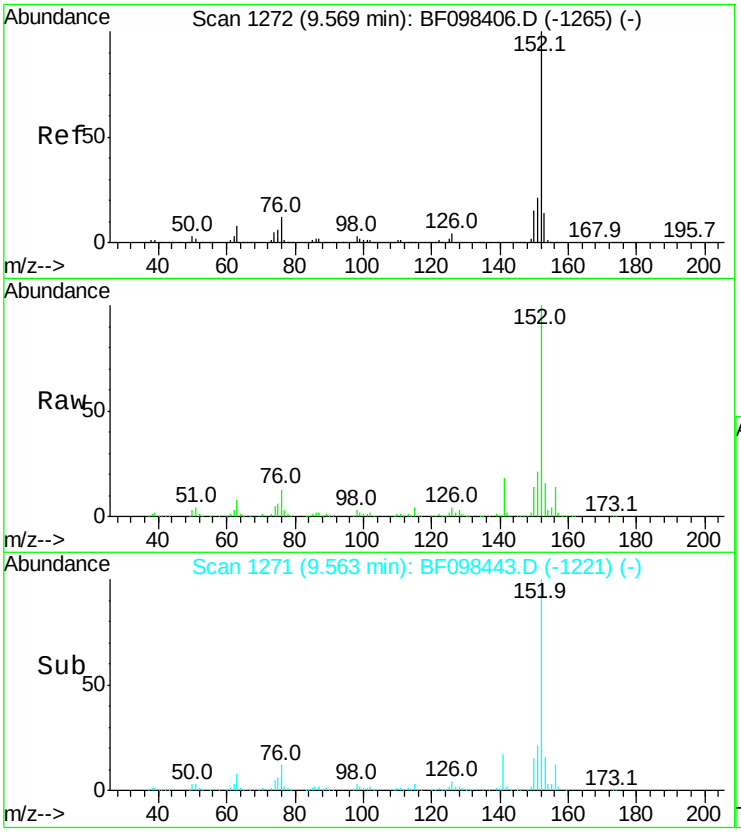


#45
1,1'-Biphenyl
Concen: 9.872 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:154 Resp: 347996

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	12.9	0.0	29.9



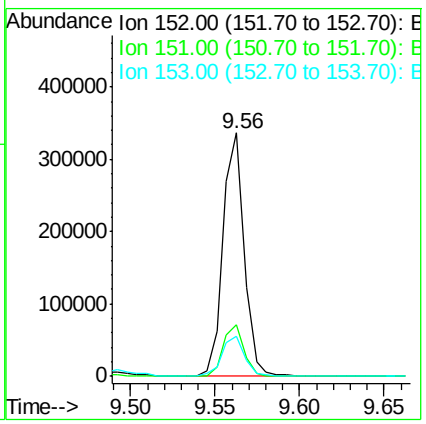


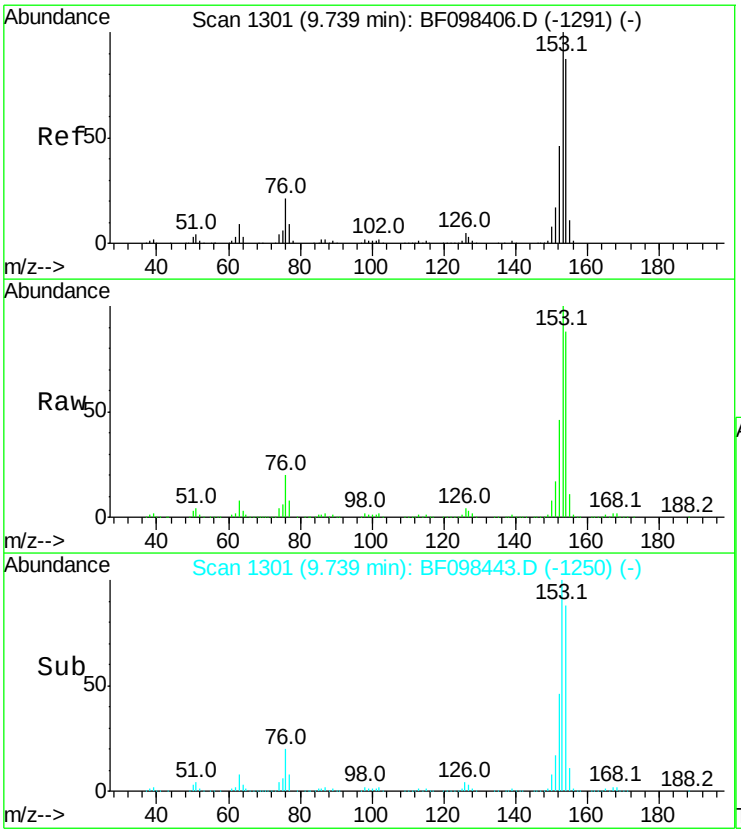
#48
Acenaphthylene
Concen: 7.856 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 294041

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	16.3	10.8	16.2#

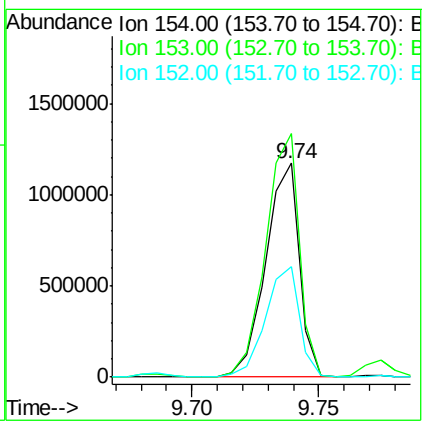


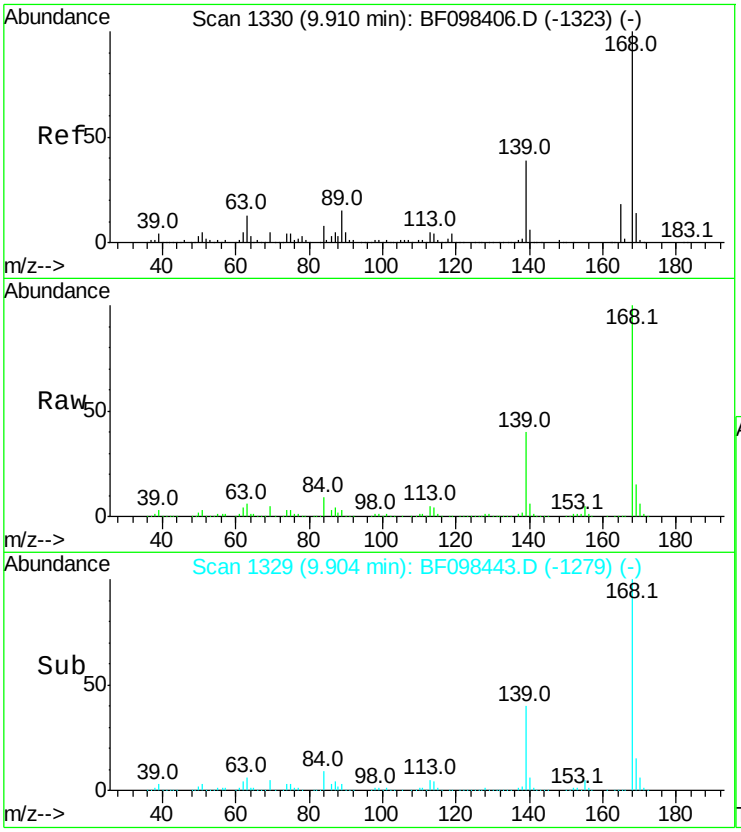


#51
Acenaphthene
Concen: 45.658 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:154 Resp: 1086360

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	51.8	43.6	65.4



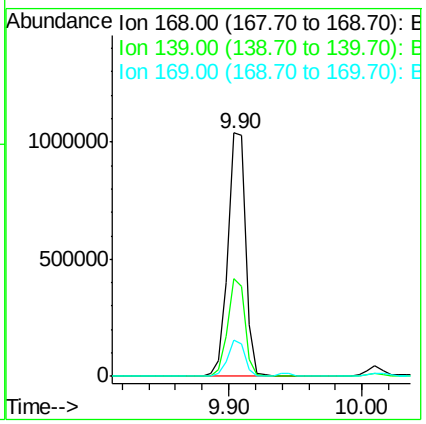


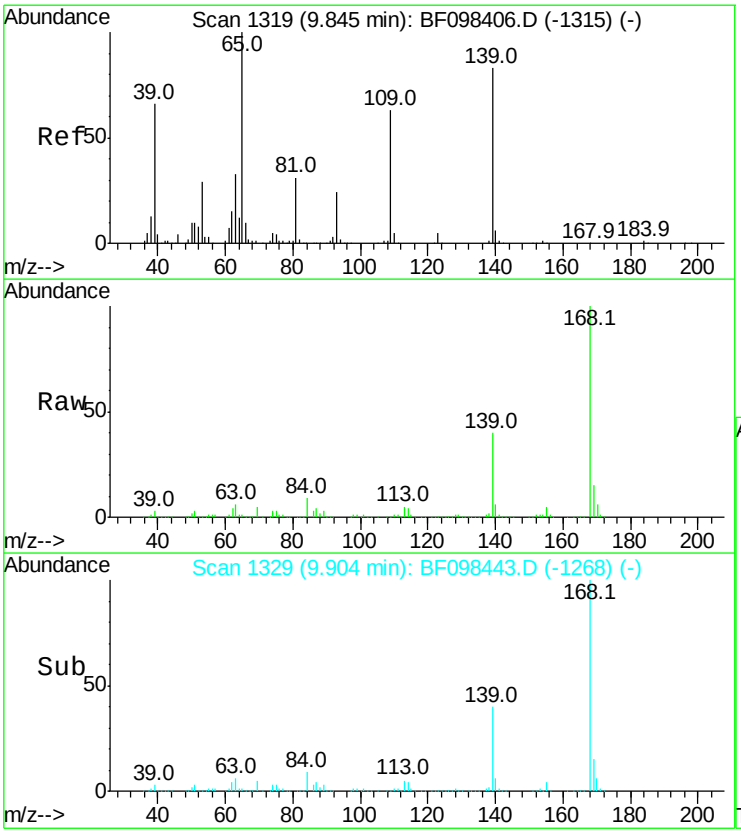
#54
Dibenzofuran
Concen: 31.523 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 988107

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.6	45.8
169	14.7	10.8	16.2

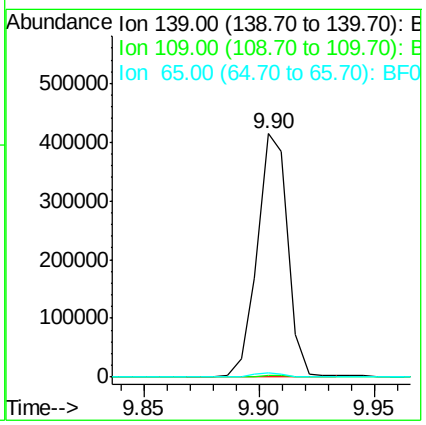


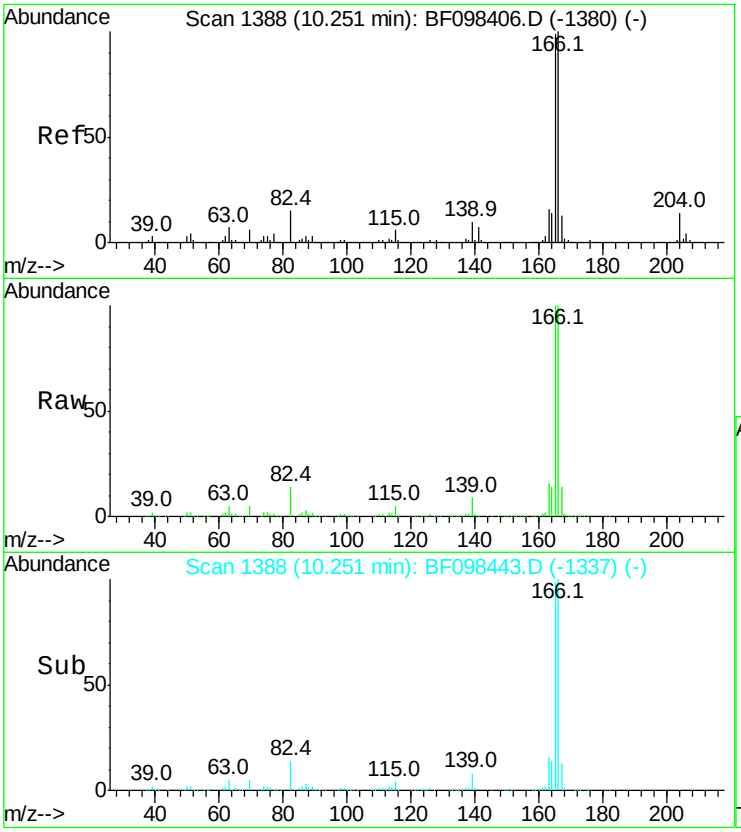


#55
4-Nitrophenol
Concen: 88.246 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.06 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:139 Resp: 383251

Ion	Ratio	Lower	Upper
139	100		
109	0.8	34.1	74.1#
65	2.0	31.4	71.4#



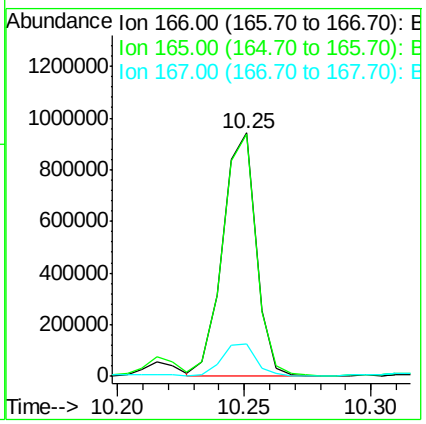


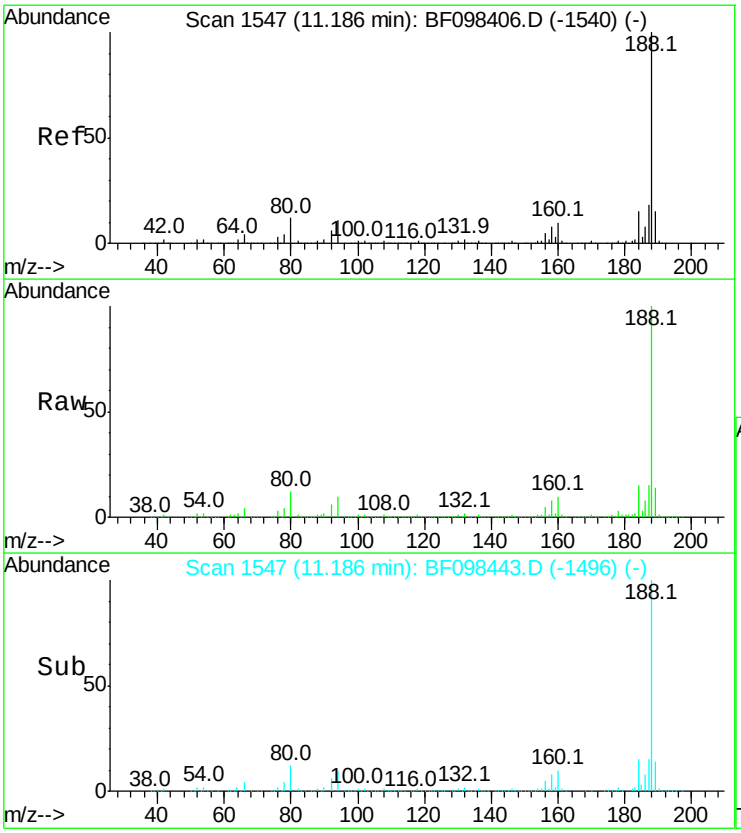
#57
Fluorene
Concen: 33.166 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 860487

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.5	10.6	16.0

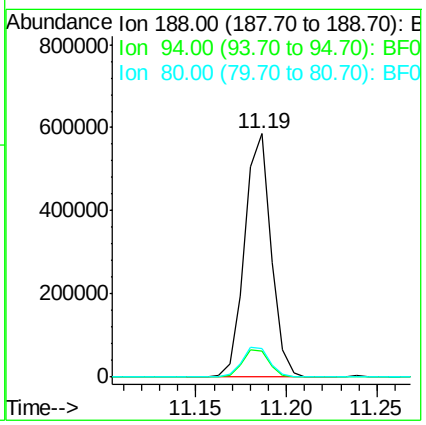


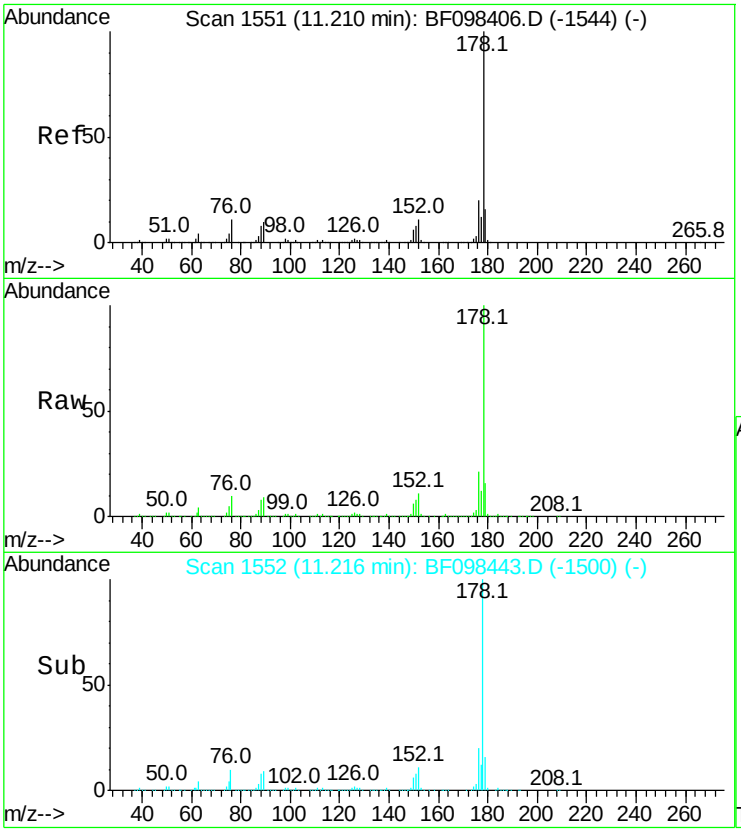


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:188 Resp: 591535

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.7	10.2	15.2



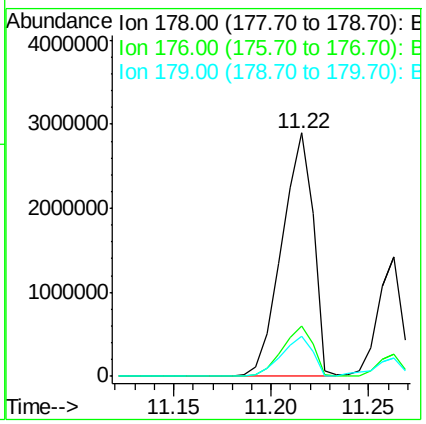


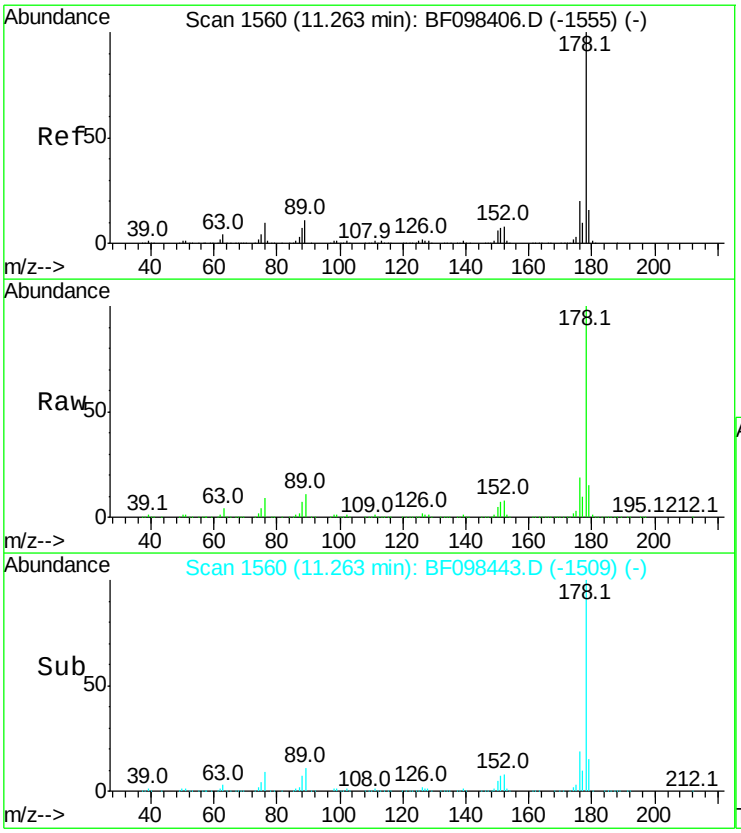
#70
Phenanthrene
Concen: 103.006 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3230167

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.4	12.6	19.0

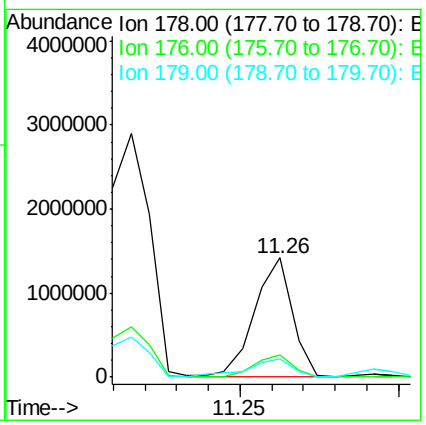


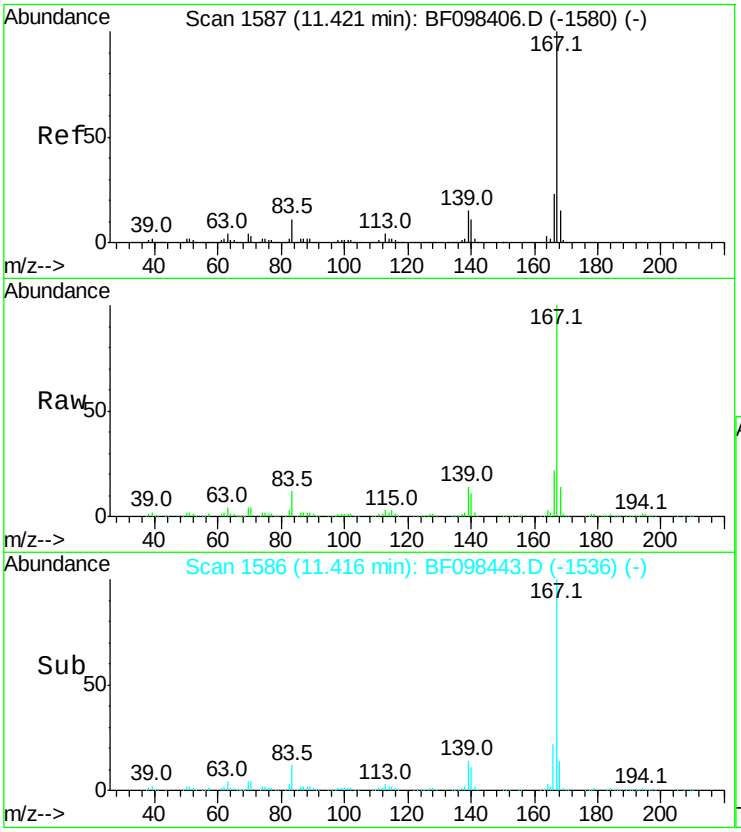


#71
Anthracene
Concen: 36.318 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:178 Resp: 1169294

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	12.7	19.1



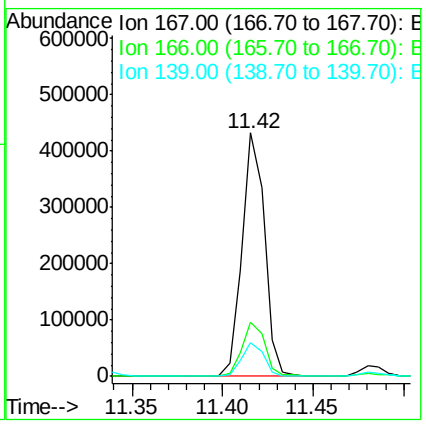


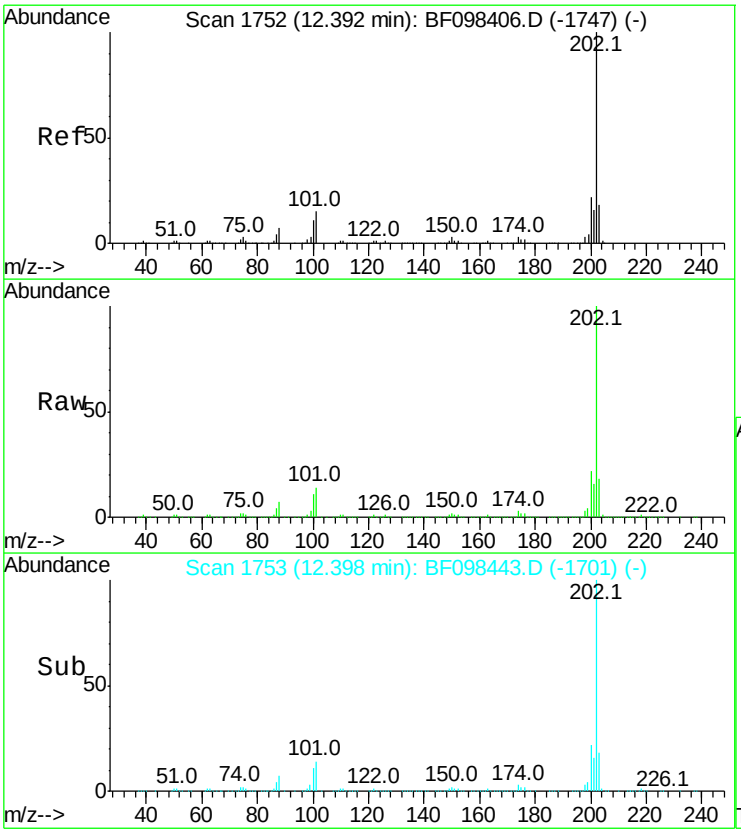
#72
Carbazole
Concen: 12.490 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 374770

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.7	11.7	17.5

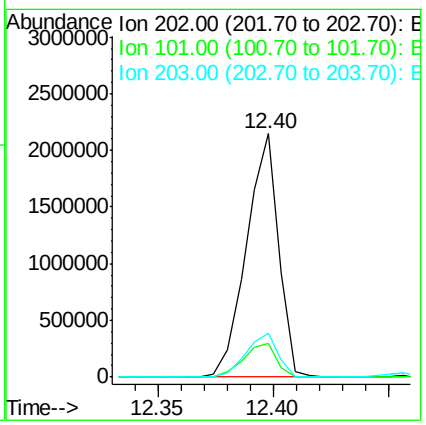


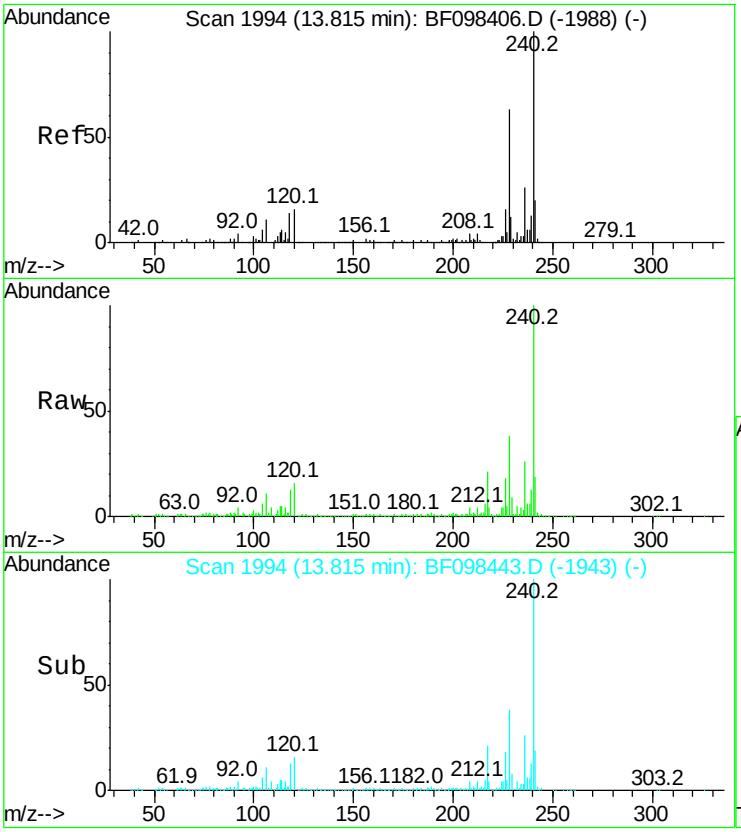


#74
Fluoranthene
Concen: 66.400 ng
RT: 12.40 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:202 Resp: 2084486

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.9	0.0	38.1



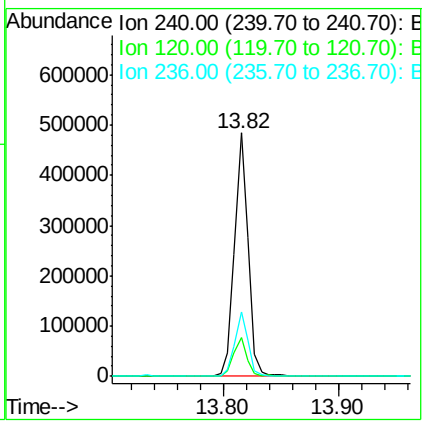


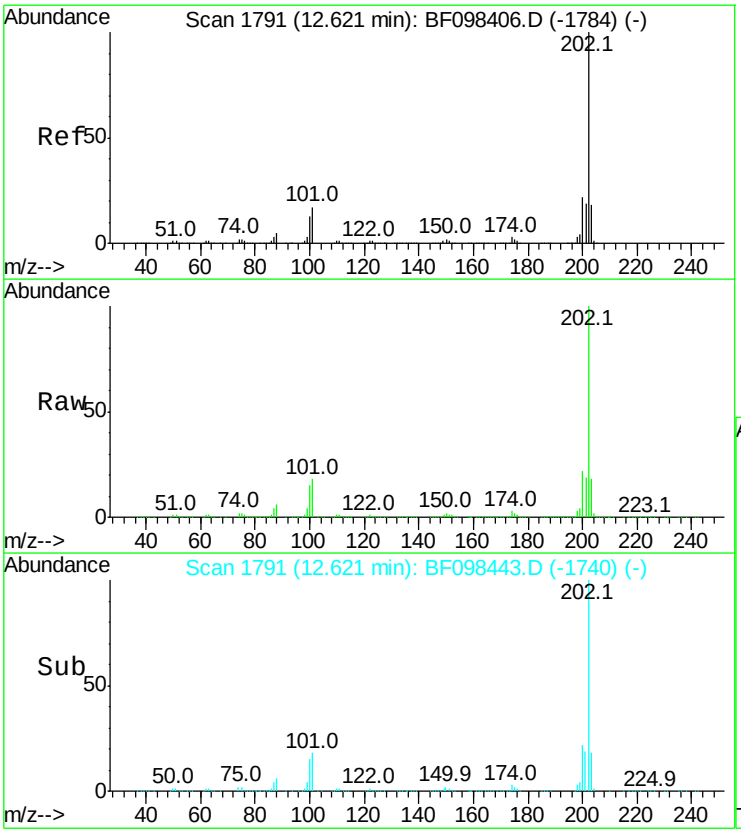
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 397688

Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.2	20.5	30.7

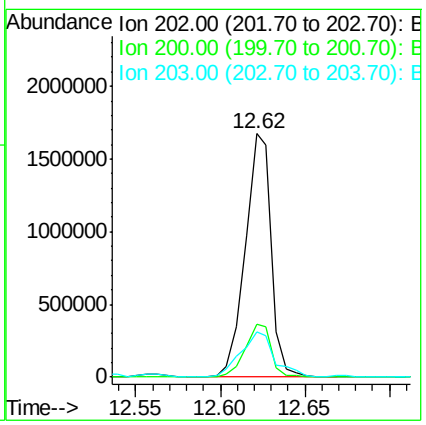


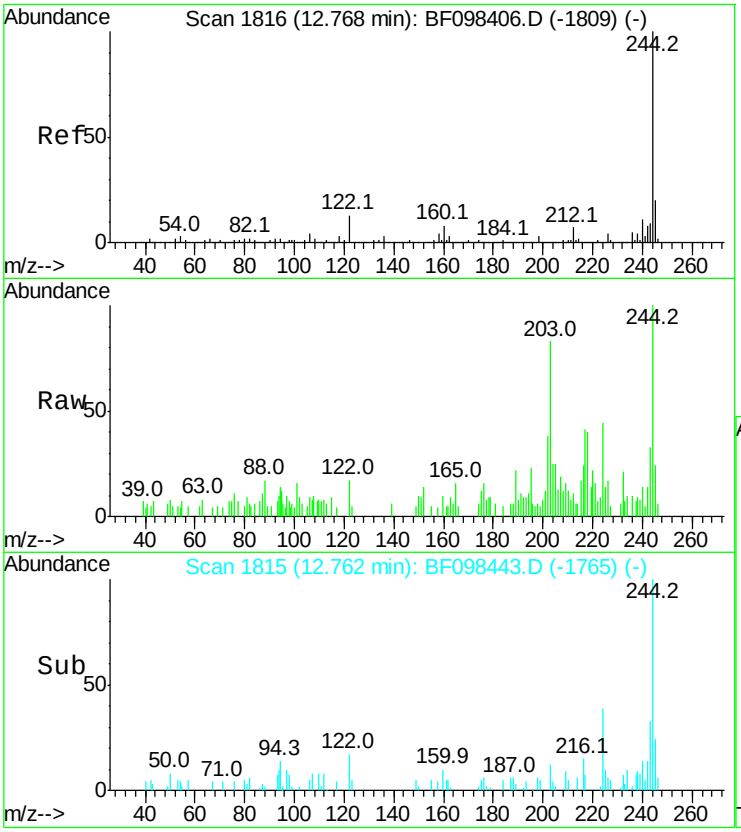


#77
Pyrene
Concen: 57.010 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:202 Resp: 1788520

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.4	14.4	21.6



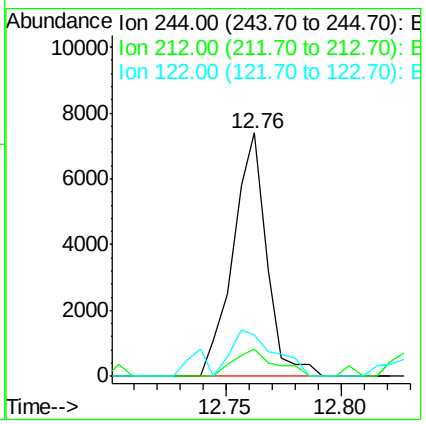


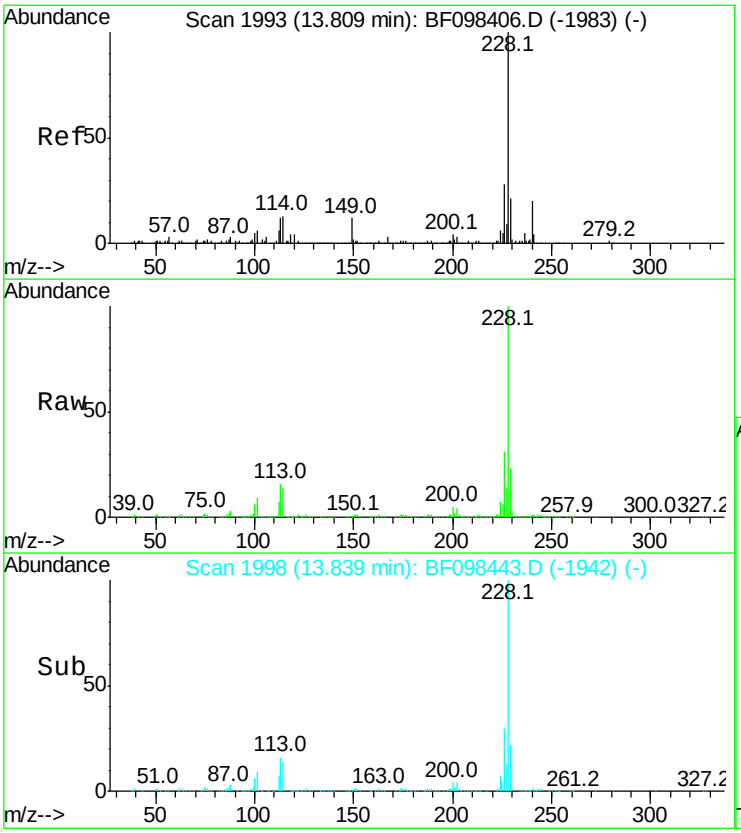
#78
Terphenyl-d14
Concen: 0.408 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7523

Ion	Ratio	Lower	Upper
244	100		
212	11.2	6.0	9.0#
122	17.0	10.3	15.5#

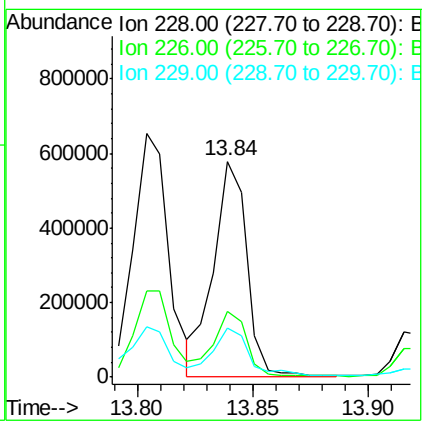


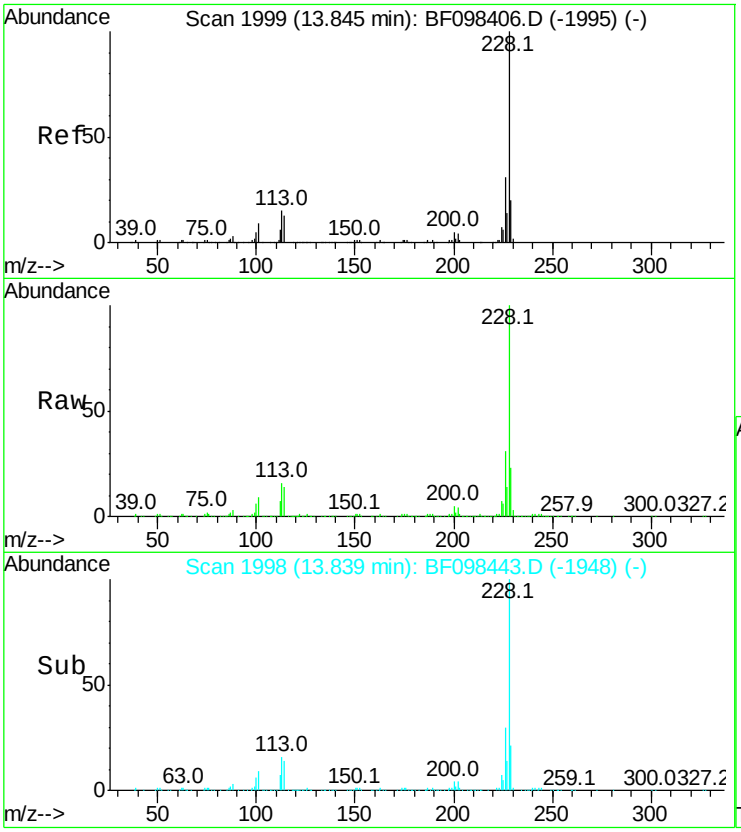


#80
Benzo(a)anthracene
Concen: 24.882 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.03 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:228 Resp: 580142

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	22.5	16.3	24.5



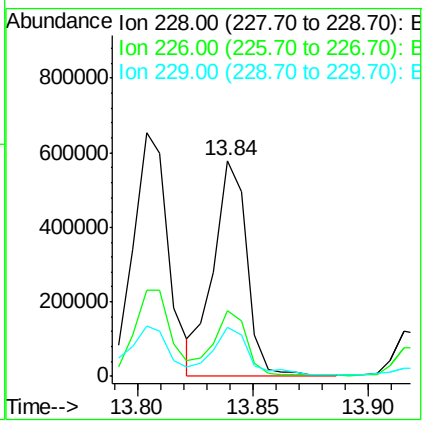


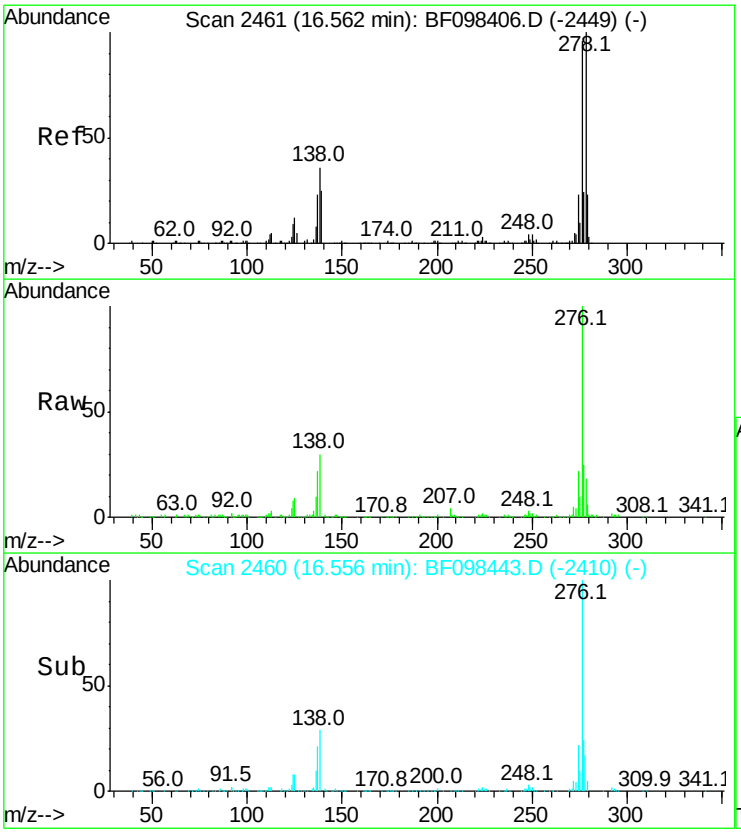
#82
Chrysene
Concen: 24.615 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 580142

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	22.5	15.8	23.6

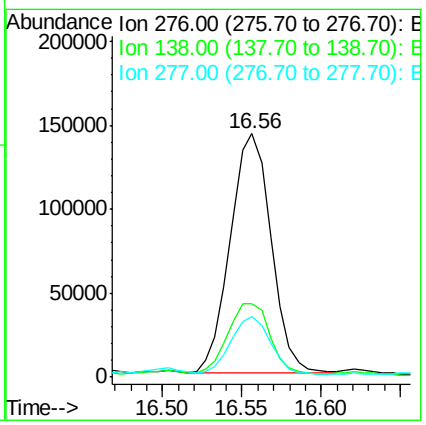


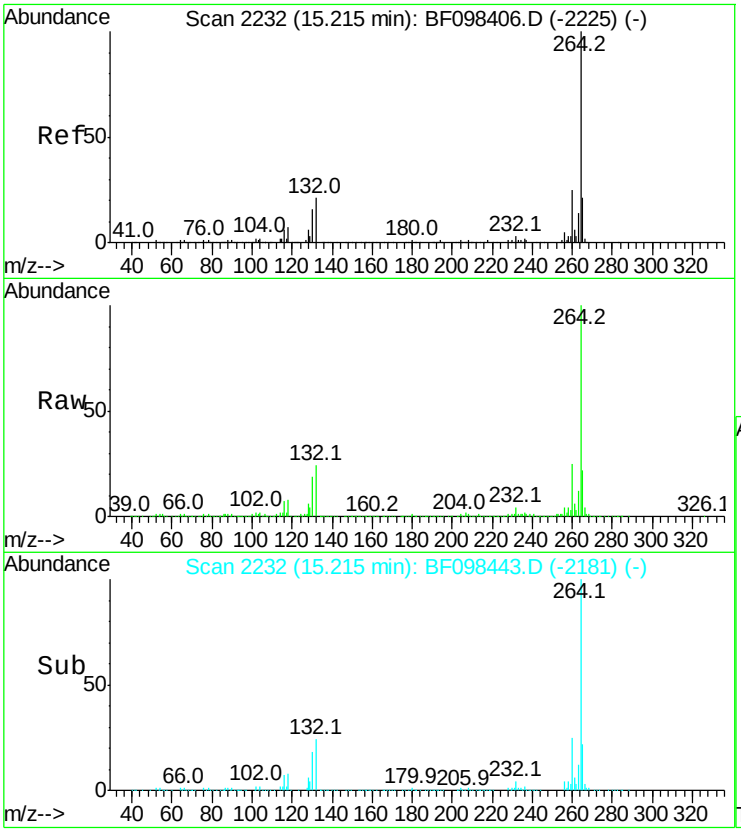


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.384 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:276 Resp: 254371

Ion	Ratio	Lower	Upper
276	100		
138	30.9	27.8	41.6
277	23.8	20.2	30.4



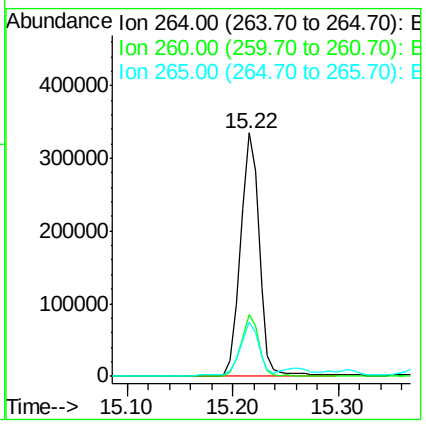


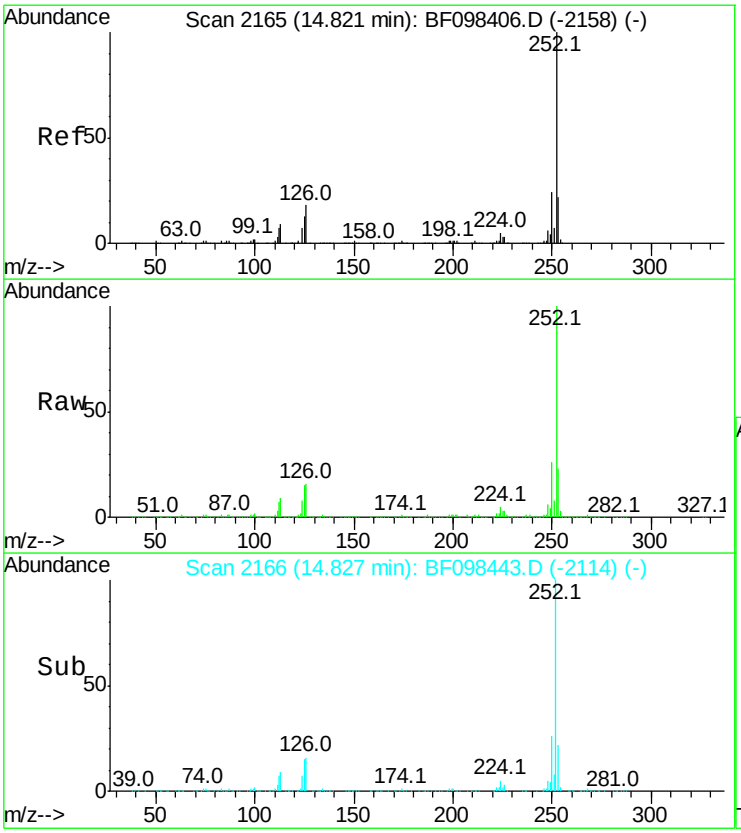
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 413073

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.3	17.2	25.8

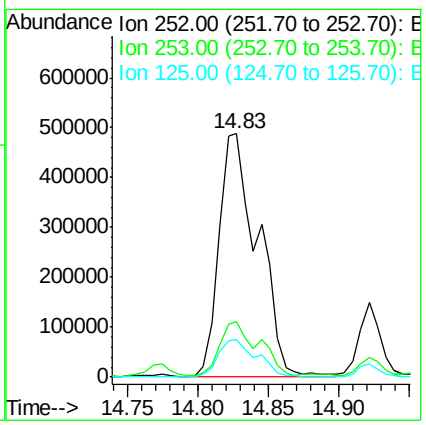


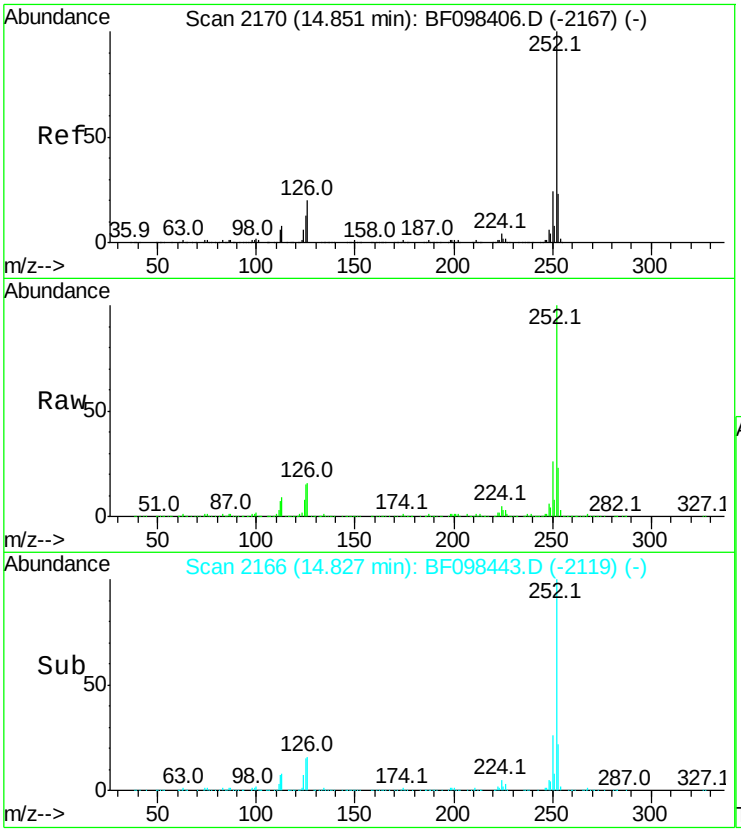


#87
Benzo(b)fluoranthene
Concen: 36.025 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:252 Resp: 935672

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.3	9.8	14.8#



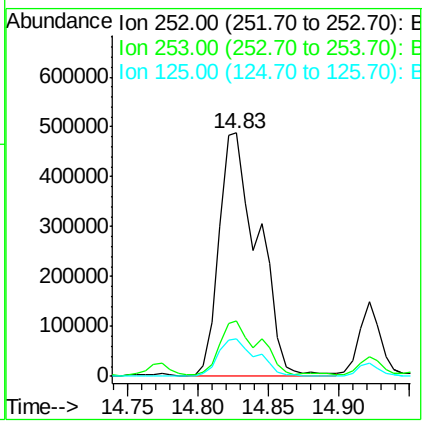


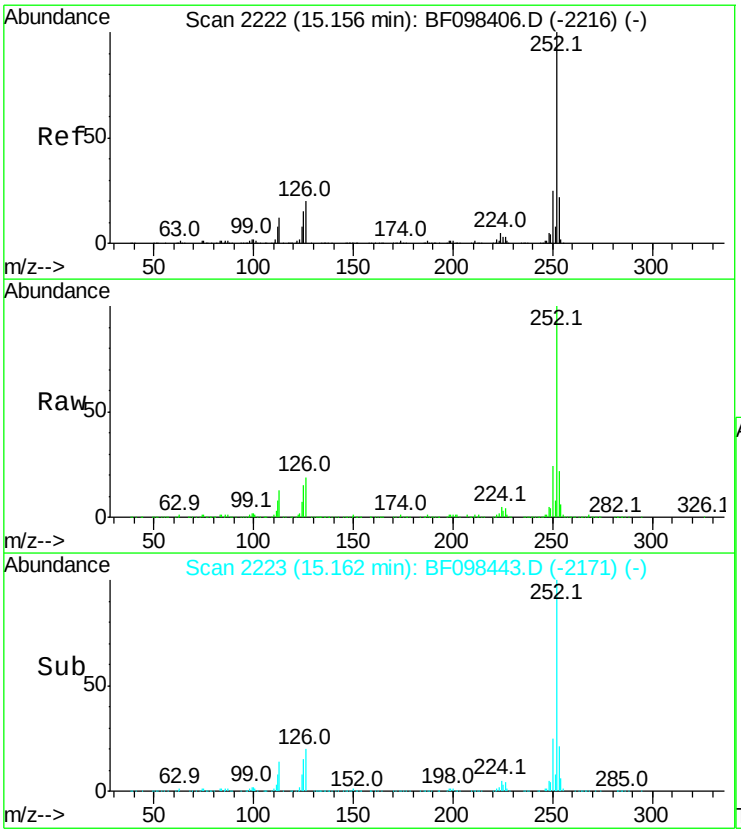
#88
Benzo(k)fluoranthene
Concen: 38.589 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 935672

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	15.3	13.1	19.7

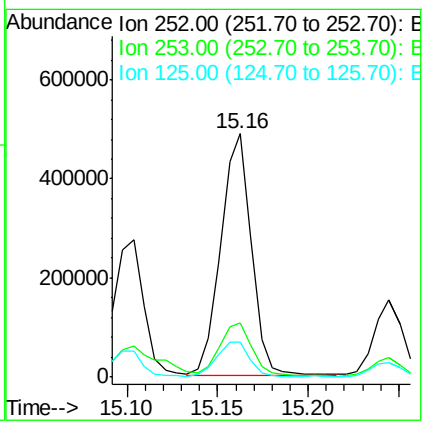


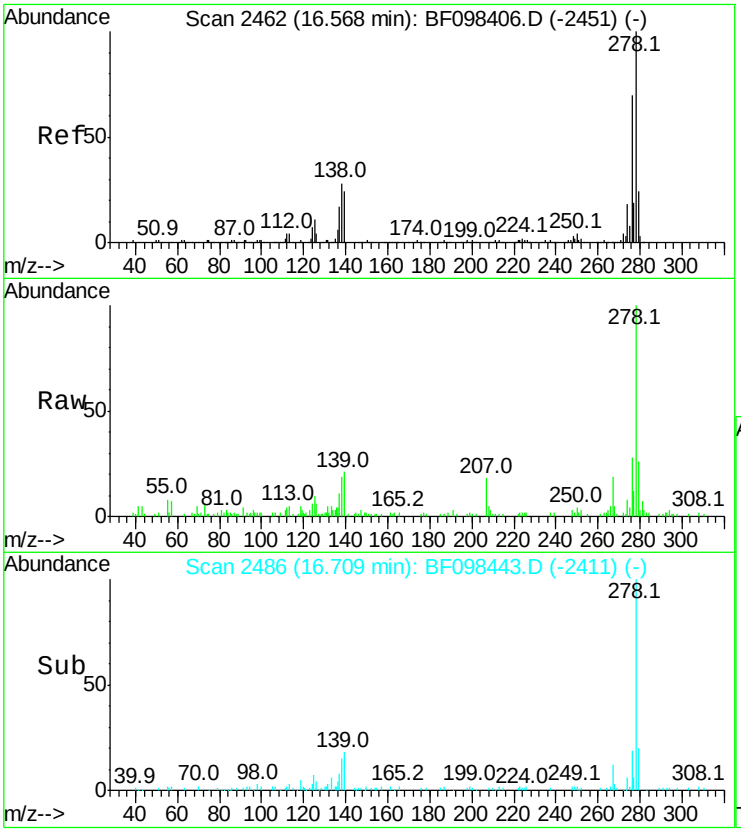


#89
Benzo(a)pyrene
Concen: 24.839 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:252 Resp: 574759

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.5	11.0	16.4



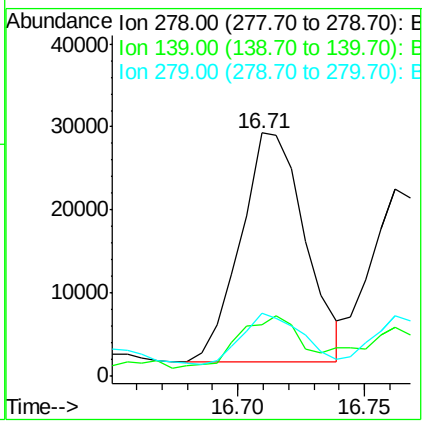


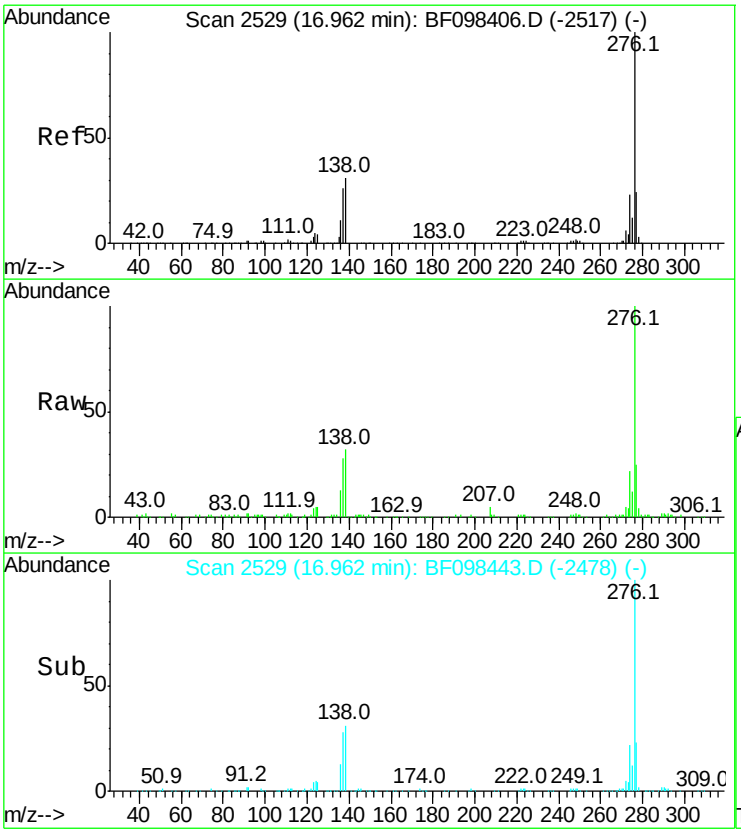
#90
Dibenzo(a,h)anthracene
Concen: 2.924 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.14 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 49210

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	24.8
279	26.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 13.944 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF098443.D
Acq: 12 Sep 2017 10:41

Tgt Ion:276 Resp: 236066

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	31.7	25.4	38.0