Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113708.D
Acq On : 10 Apr 2019 20:52
Operator : JU/SJ
Sample : K2200-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 11 01:01:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130829	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	486754	20.00	ng		-0.01
39) Acenaphthene-d10	9.71	164	205643	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	343083	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	327149	20.00	ng		-0.02
87) Perylene-d12	15.24	264	233066	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	319217	41.61	ng		0.00
7) Phenol-d6	6.33	99	430706	45.55	ng		0.00
23) Nitrobenzene-d5	7.25	82	240319	28.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	89135	36.08	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	449827	35.22	ng		-0.02
79) Terphenyl-d14	12.77	244	394929	24.58	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	31412	5.387	ng	#	73
25) Isophorone	7.25	82	240318	15.012	ng	#	64
31) Naphthalene	7.98	128	142256	6.032	ng		97
37) 2-Methylnaphthalene	8.67	142	50100	3.230	ng		95
38) 1-Methylnaphthalene	8.77	142	35865	2.398	ng		96
50) Dimethylphthalate	9.43	163	42614	2.811	ng		99
52) Acenaphthene	9.74	154	48790	4.080	ng		99
55) Dibenzofuran	9.92	168	71327	4.066	ng		96
58) Fluorene	10.26	166	98054	7.067	ng		99
71) Phenanthrene	11.22	178	542354	31.813	ng		99
72) Anthracene	11.27	178	193488	11.155	ng		97
73) Carbazole	11.43	167	45342	2.795	ng		98
75) Fluoranthene	12.40	202	733266	40.139	ng		99
78) Pyrene	12.63	202	666689	26.783	ng		99
81) Benzo(a)anthracene	13.82	228	345195	18.292	ng		98
83) Chrysene	13.85	228	282930	14.789	ng		97
86) Indeno(1,2,3-cd)pyrene	16.60	276	104970	5.943	ng		96
88) Benzo(b)fluoranthene	14.84	252	375560	26.325	ng	#	97
89) Benzo(k)fluoranthene	14.84	252	375560	29.332	ng	#	96
90) Benzo(a)pyrene	15.18	252	200227	15.794	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	27607	2.329	ng	#	75
92) Benzo(g,h,i)perylene	17.02	276	100592	8.313	ng		96

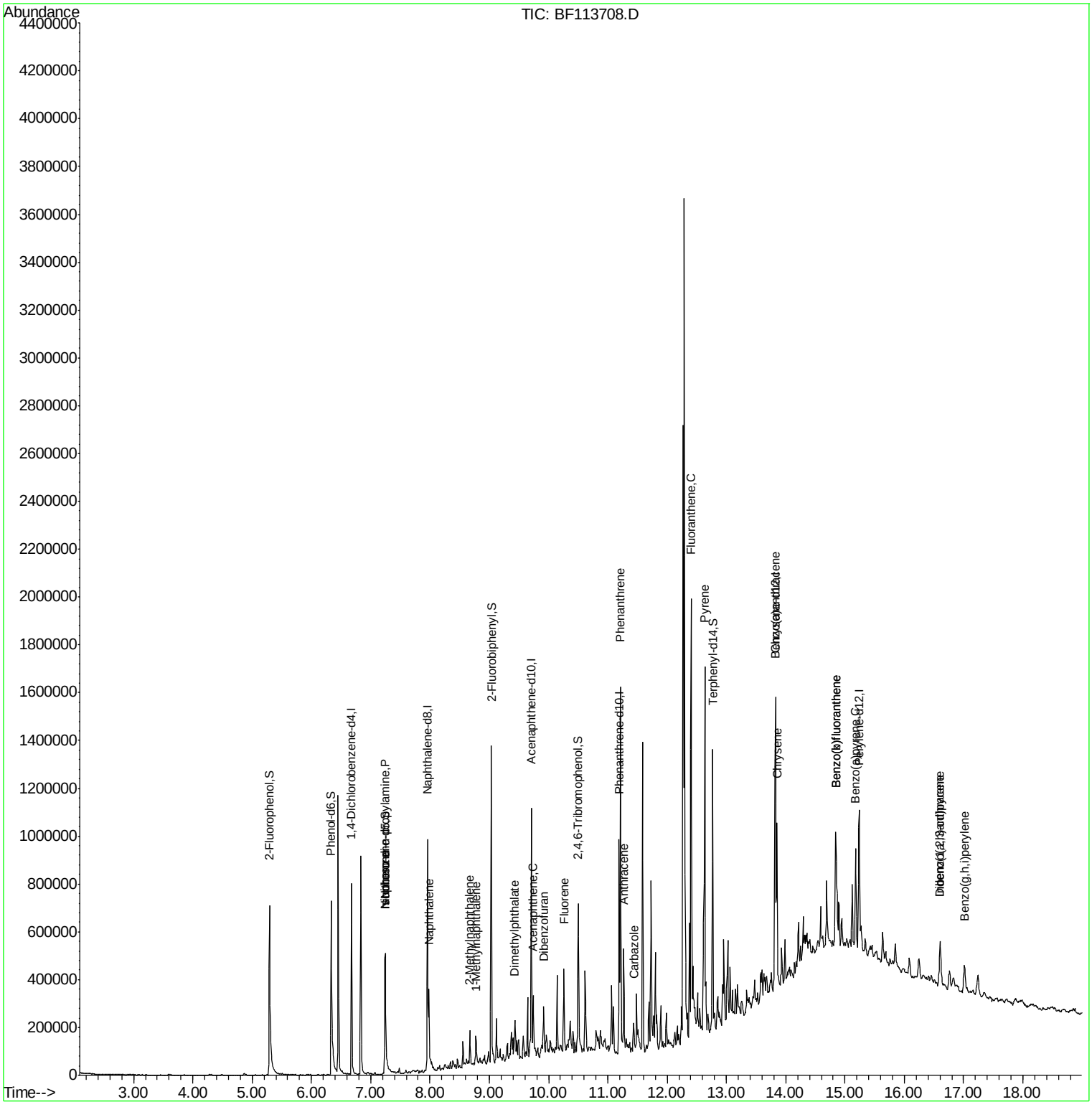
(#) = qualifier out of range (m) = manual integration (+) = signals summed

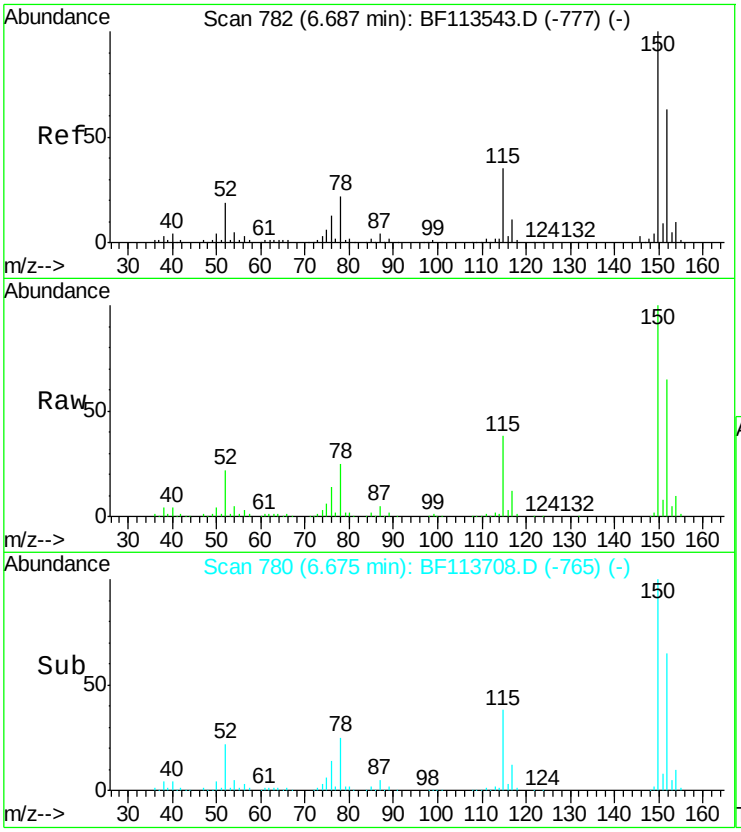
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113708.D
Acq On : 10 Apr 2019 20:52
Operator : JU/SJ
Sample : K2200-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 01:01:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



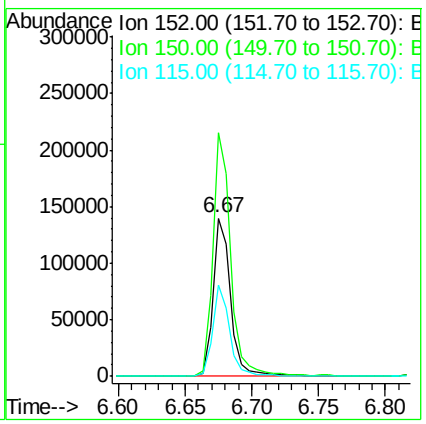


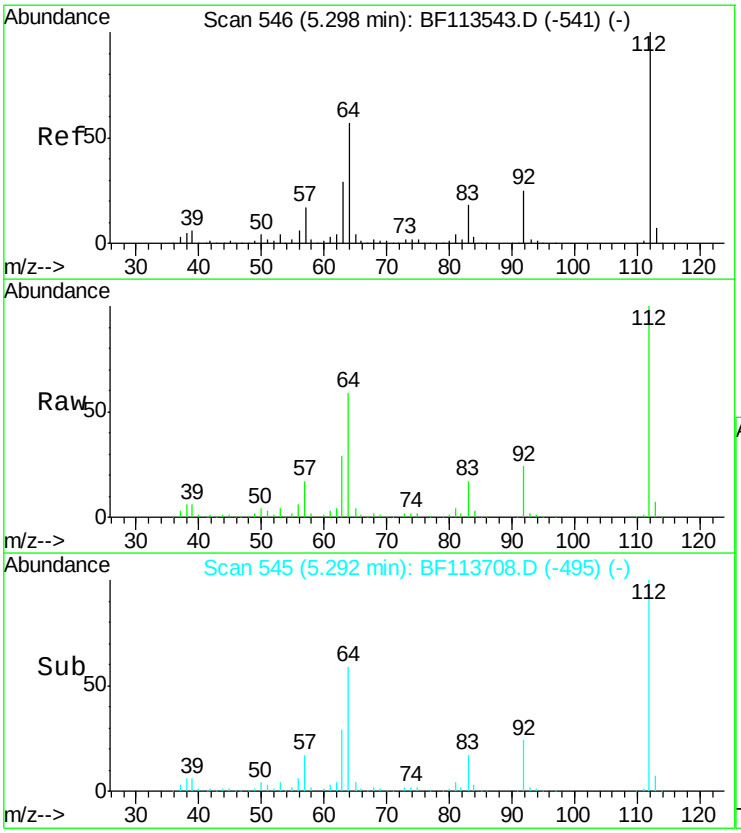
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130829

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	57.9	46.0	69.0

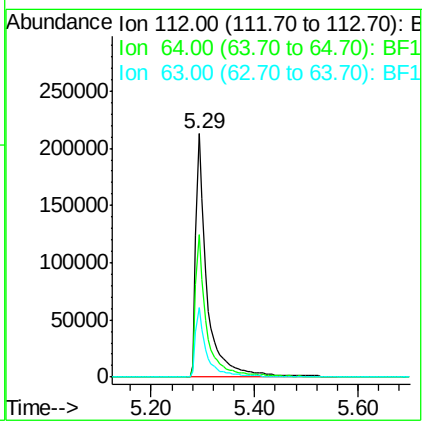


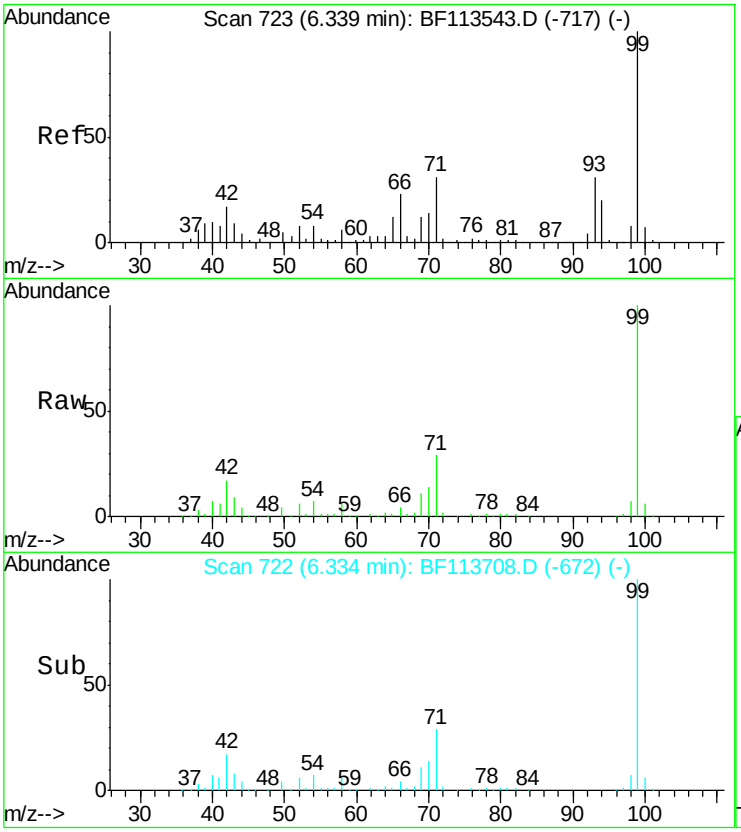


#5
2-Fluorophenol
Concen: 41.607 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:112 Resp: 319217

Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.2	73.8
63	28.6	24.9	37.3



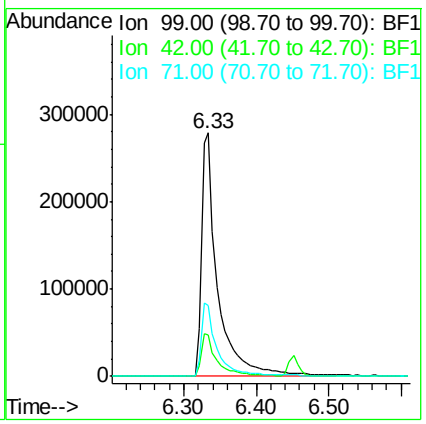


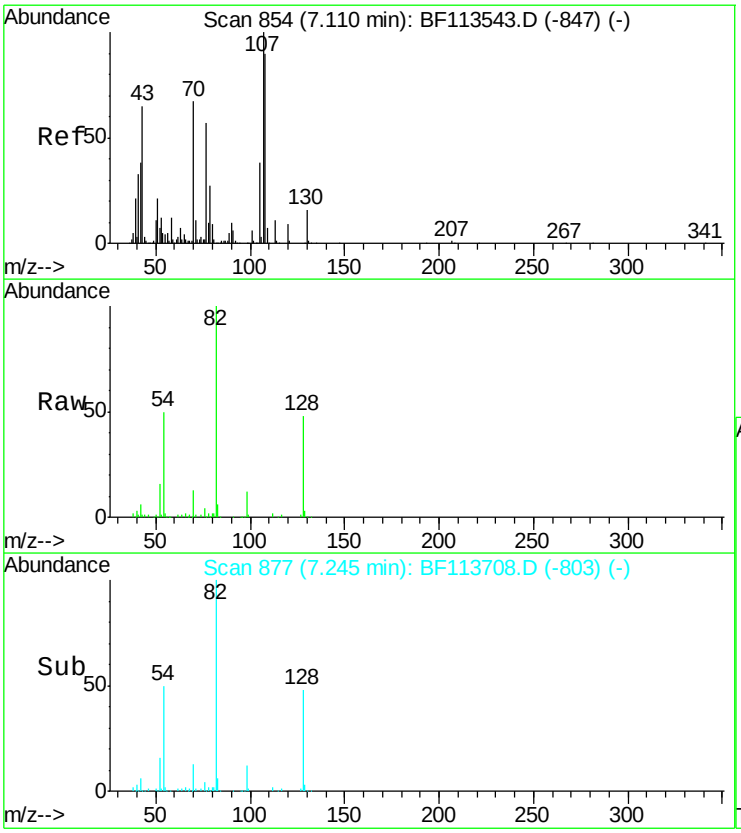
#7
Phenol-d6
Concen: 45.548 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 430706

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.8	22.2
71	29.3	24.9	37.3

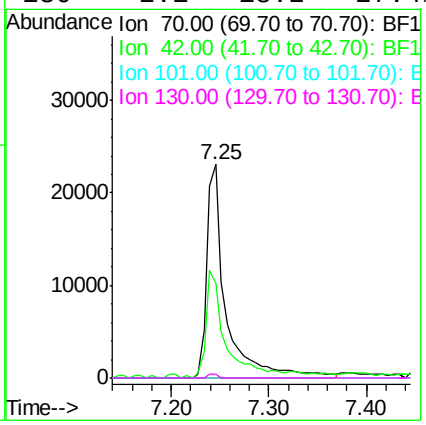


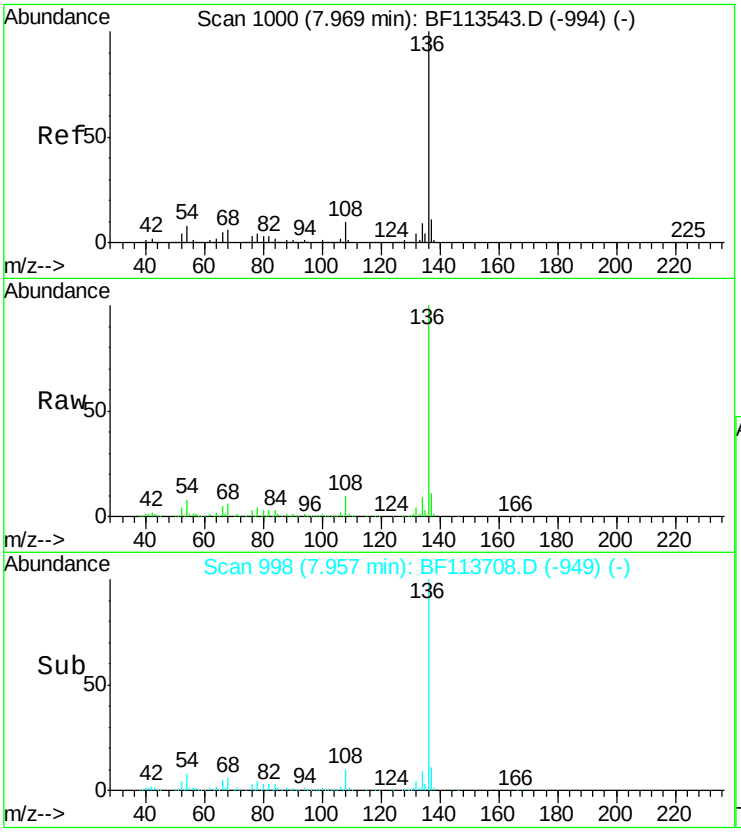


#19
n-Nitroso-di-n-propylamine
Concen: 5.387 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion: 70 Resp: 31412

Ion	Ratio	Lower	Upper
70	100		
42	44.5	48.4	72.6#
101	0.0	7.8	11.8#
130	2.1	18.2	27.4#



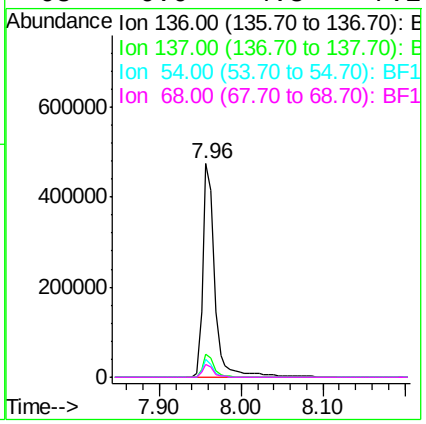


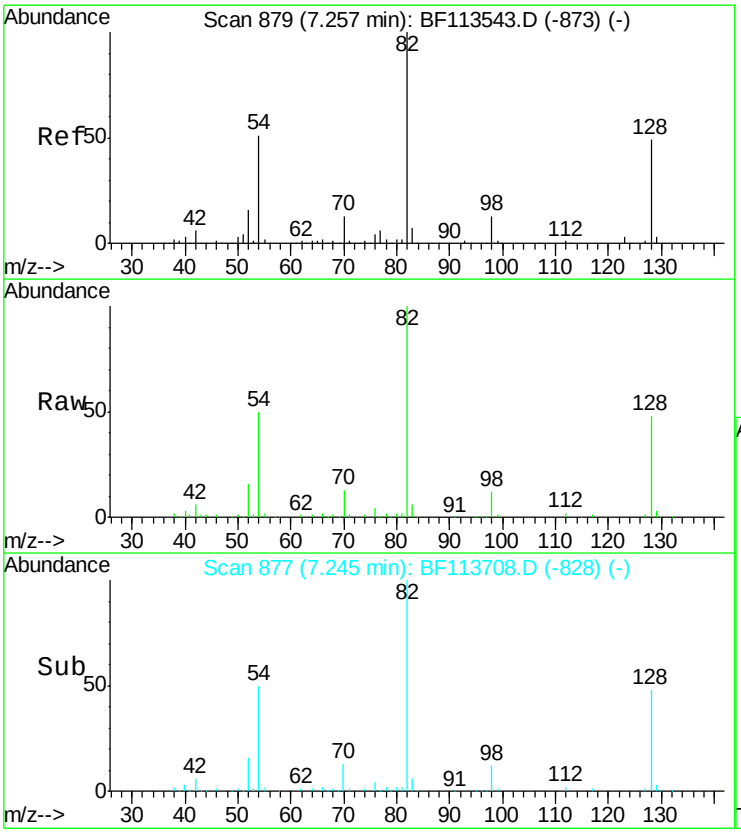
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486754

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.0	10.6
68	6.0	4.8	7.2

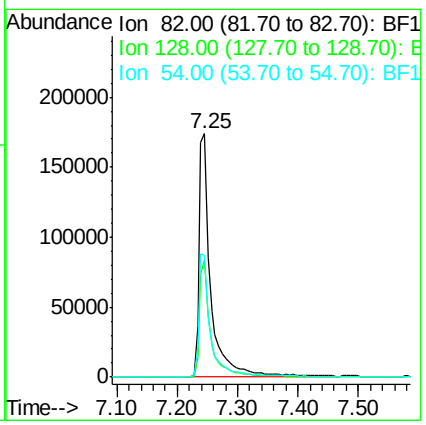


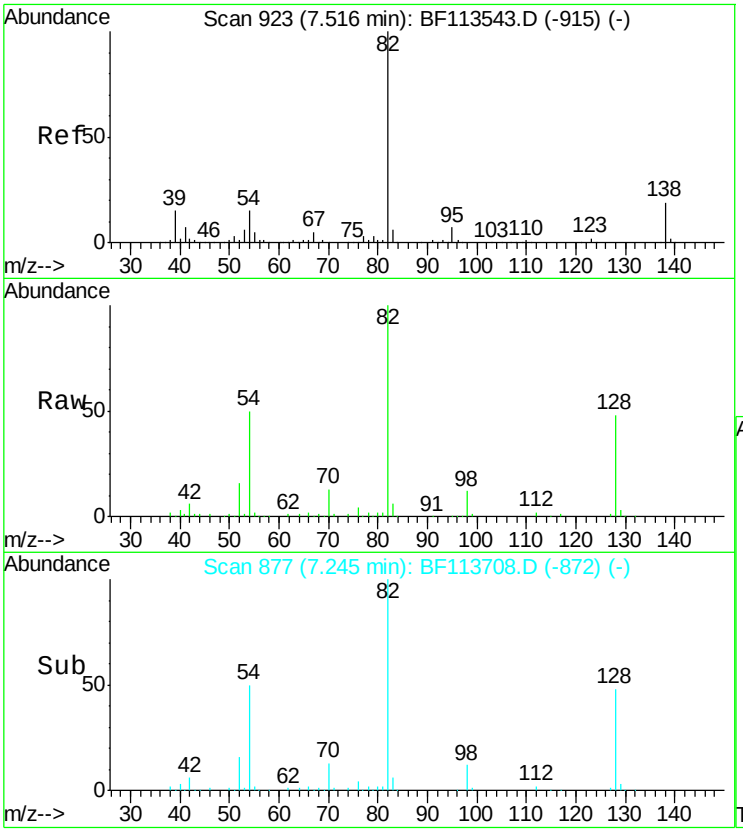


#23
Nitrobenzene-d5
Concen: 28.920 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion: 82 Resp: 240319

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.5	54.7
54	50.3	42.2	63.2



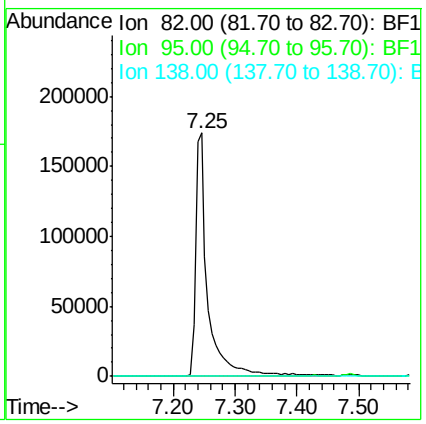


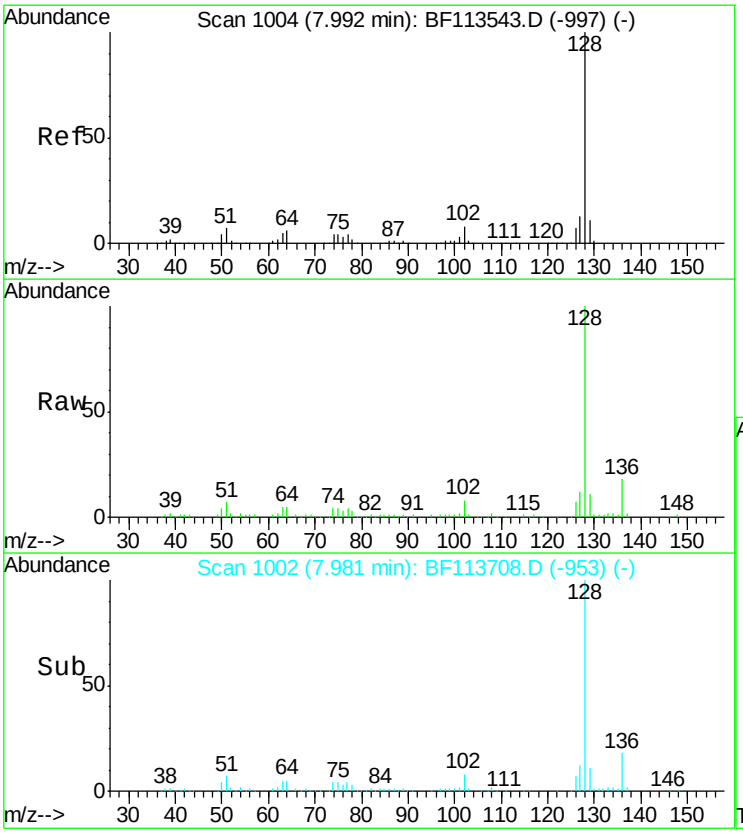
#25
Isophorone
Concen: 15.012 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 240318

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.5	8.3#
138	0.0	15.2	22.8#

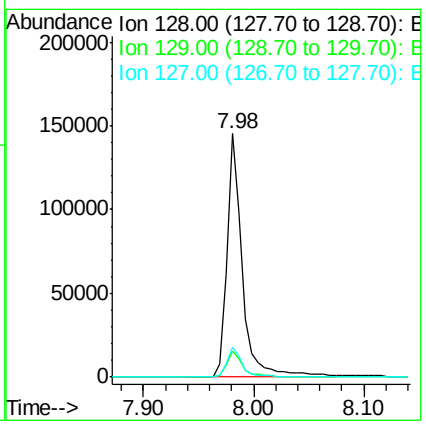


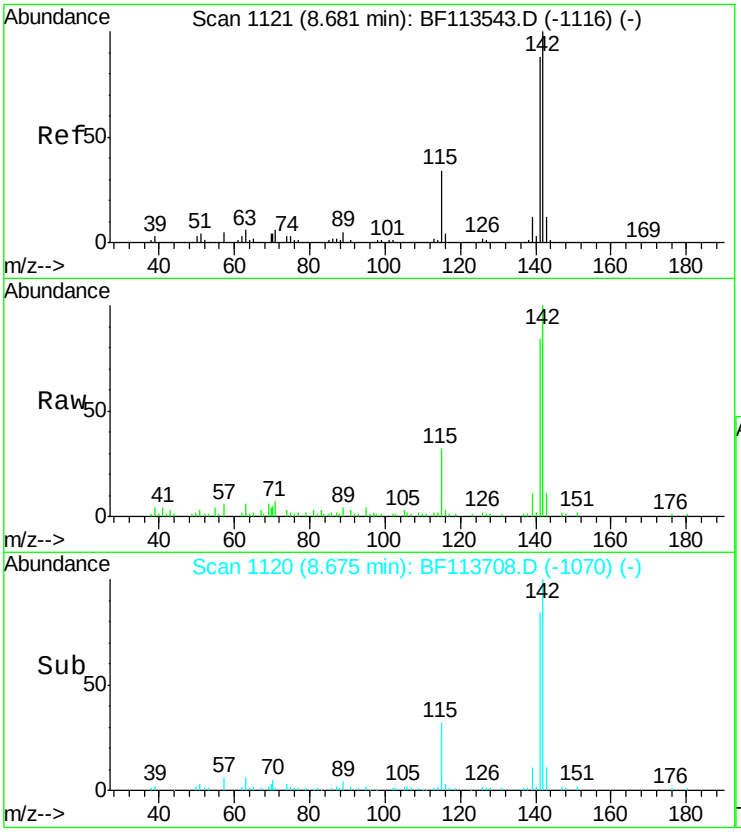


#31
Naphthalene
Concen: 6.032 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:128 Resp: 142256

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.3	13.9
127	12.5	10.9	16.3



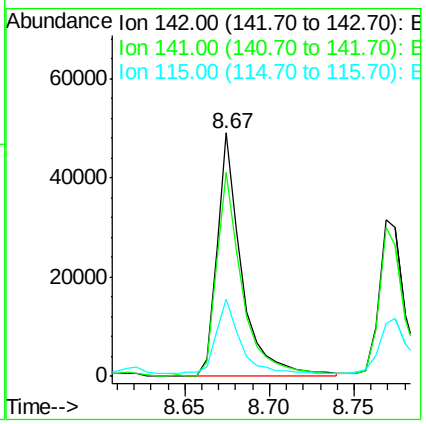


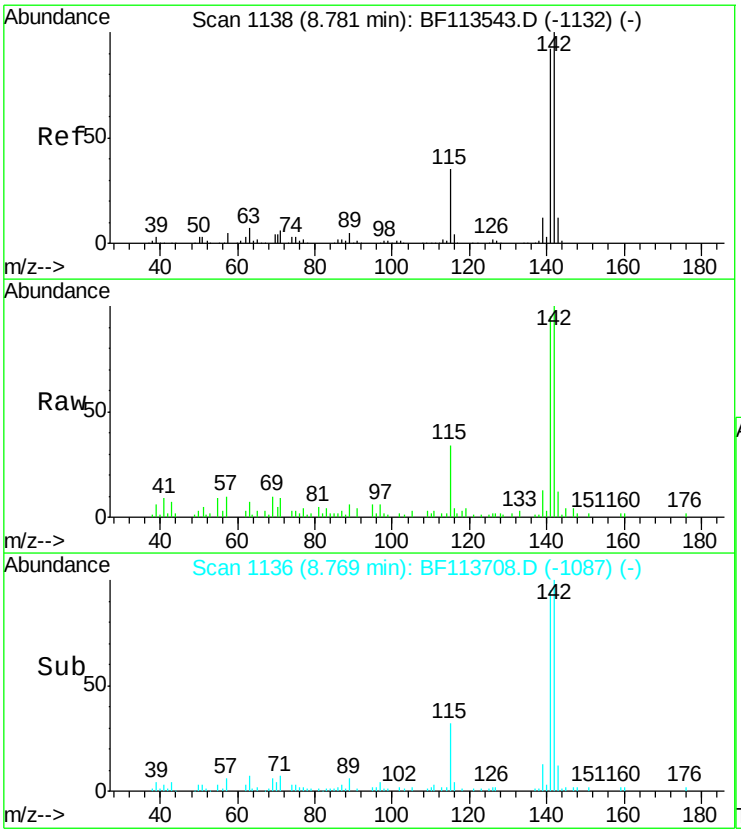
#37
2-Methylnaphthalene
Concen: 3.230 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 50100

Ion	Ratio	Lower	Upper
142	100		
141	83.7	71.0	106.6
115	31.7	26.6	39.8

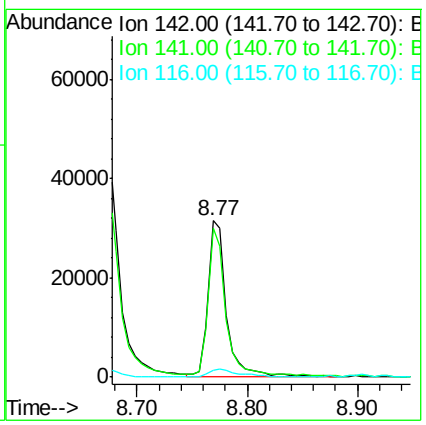


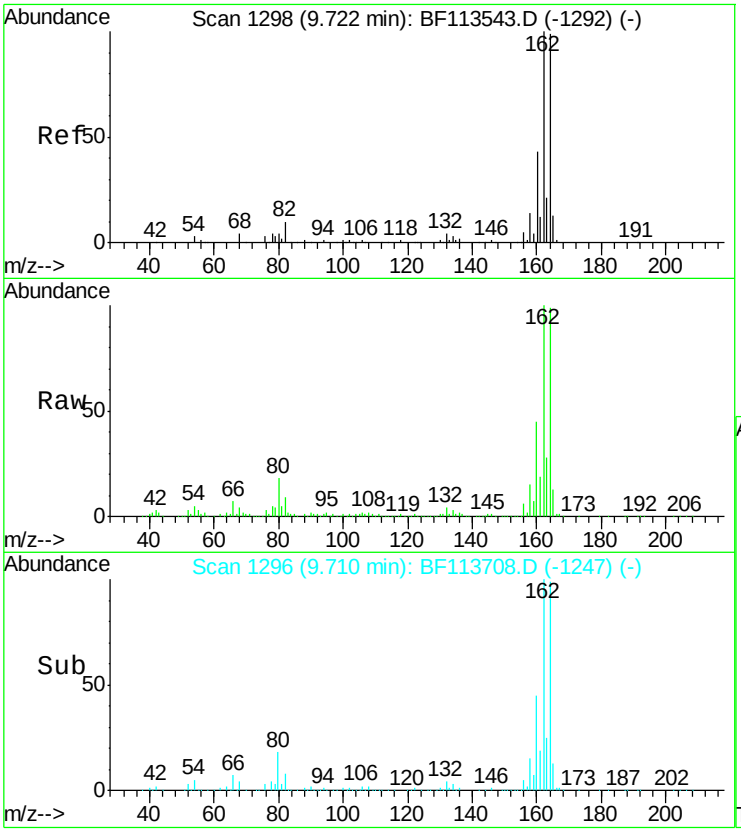


#38
1-Methylnaphthalene
Concen: 2.398 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:142 Resp: 35865

Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.2	109.8
116	4.3	3.0	4.4



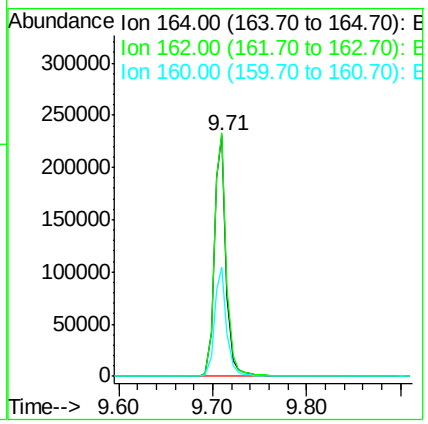


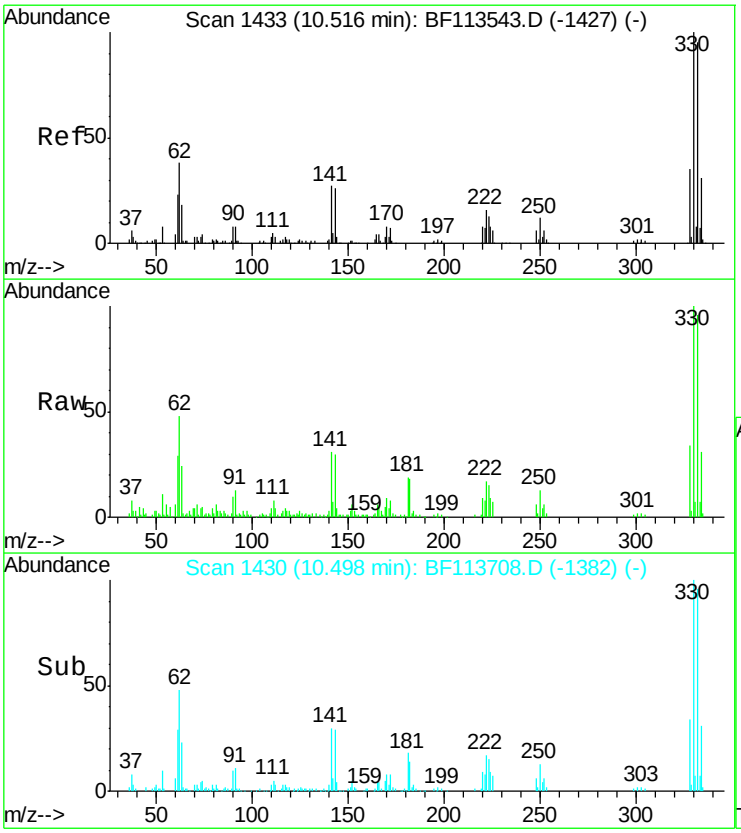
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 205643

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	45.6	36.4	54.6

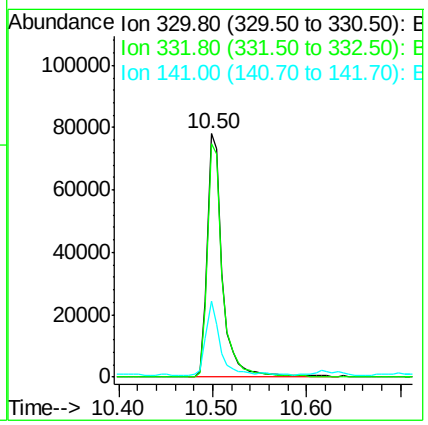


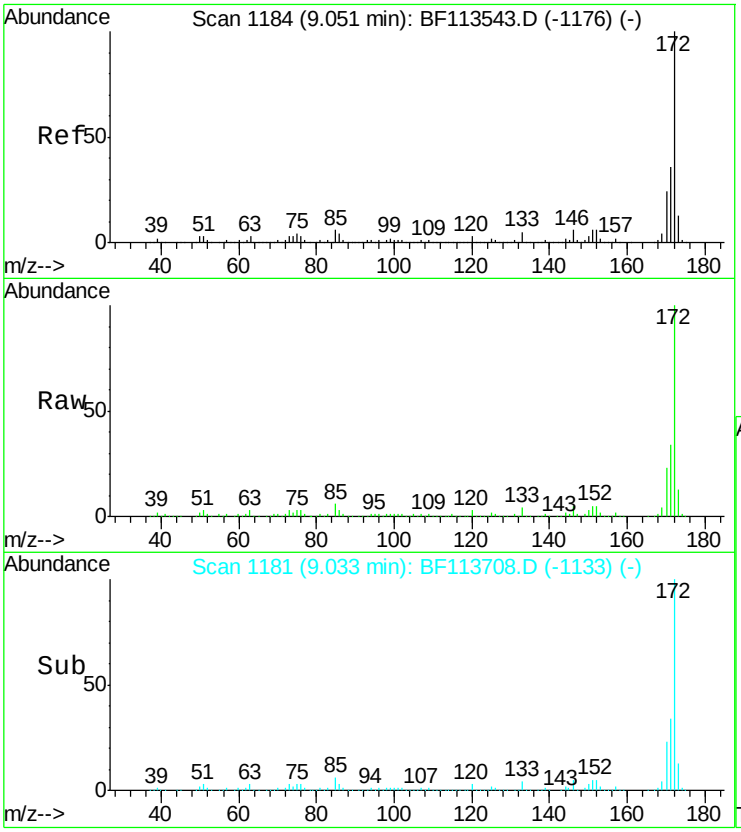


#42
2,4,6-Tribromophenol
Concen: 36.083 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:330 Resp: 89135

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	26.8	22.7	34.1



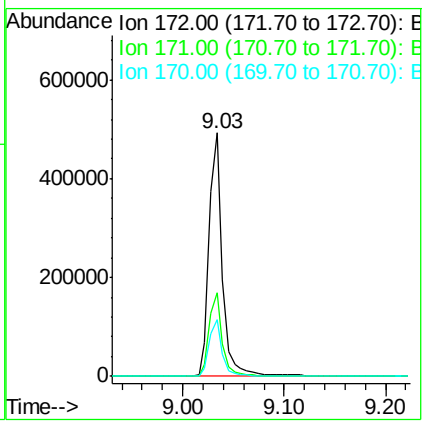


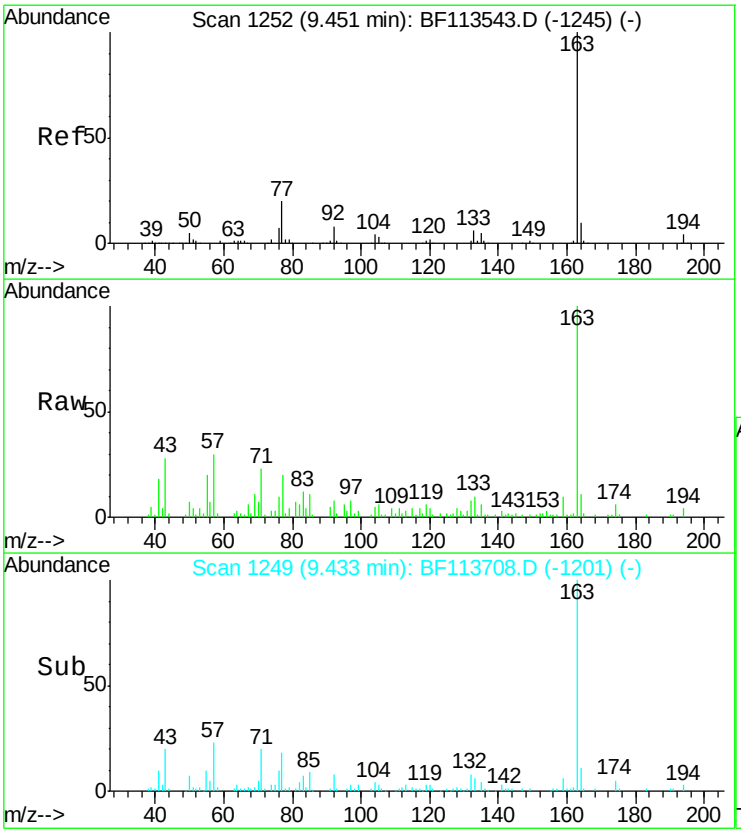
#45
2-Fluorobiphenyl
Concen: 35.215 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 449827

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.6
170	23.3	19.5	29.3

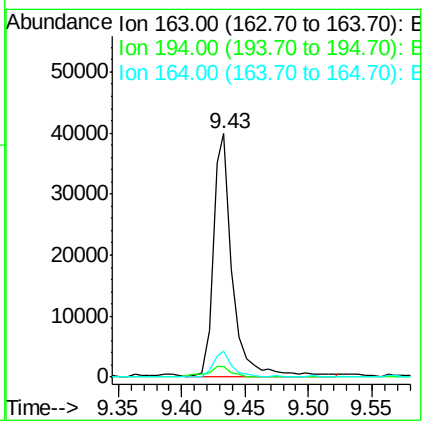


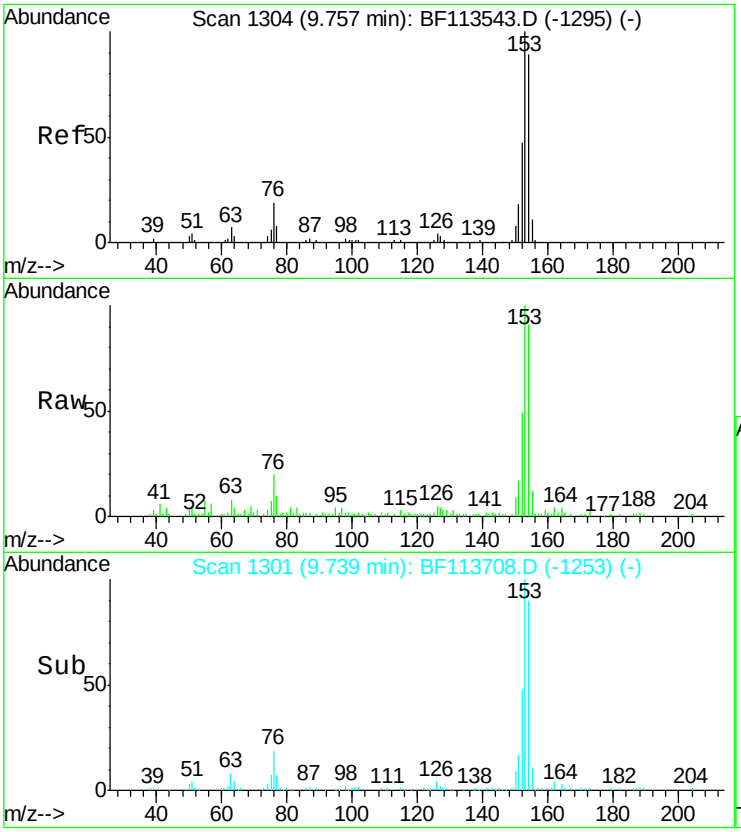


#50
Dimethylphthalate
Concen: 2.811 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:163 Resp: 42614

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.5	8.1	12.1



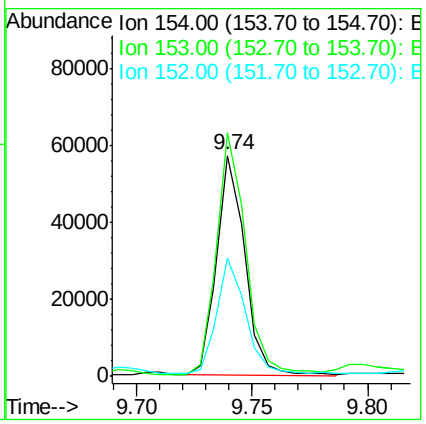


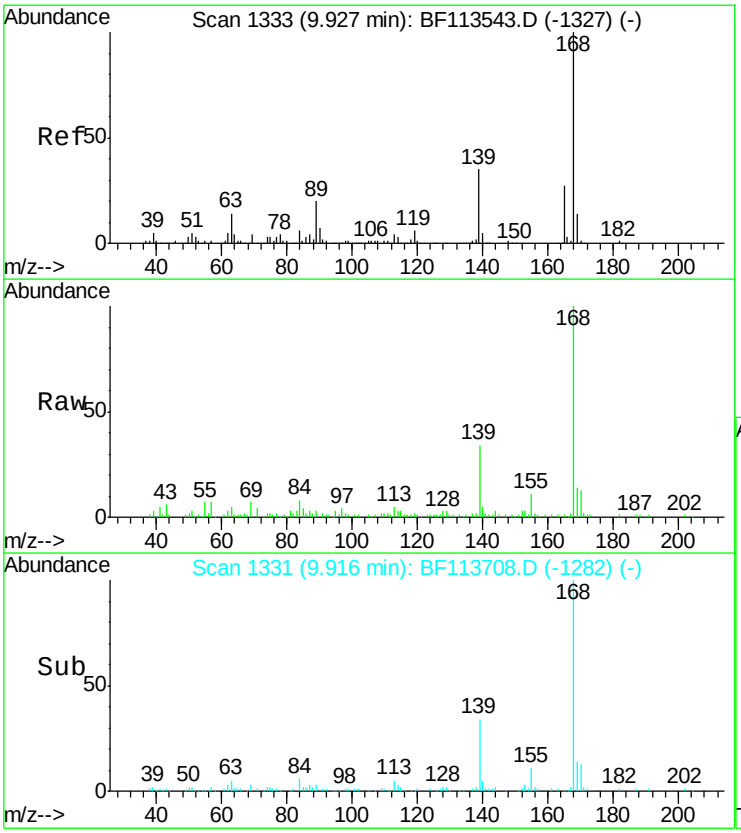
#52
Acenaphthene
Concen: 4.080 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 48790

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.5	134.3
152	53.6	43.3	64.9

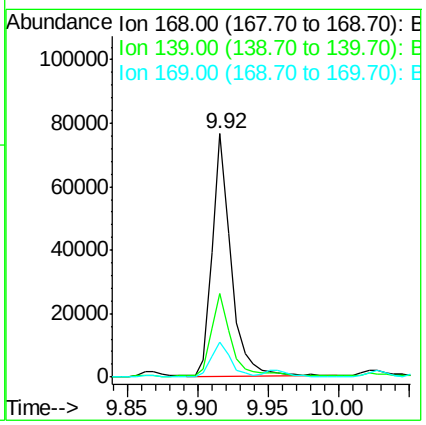


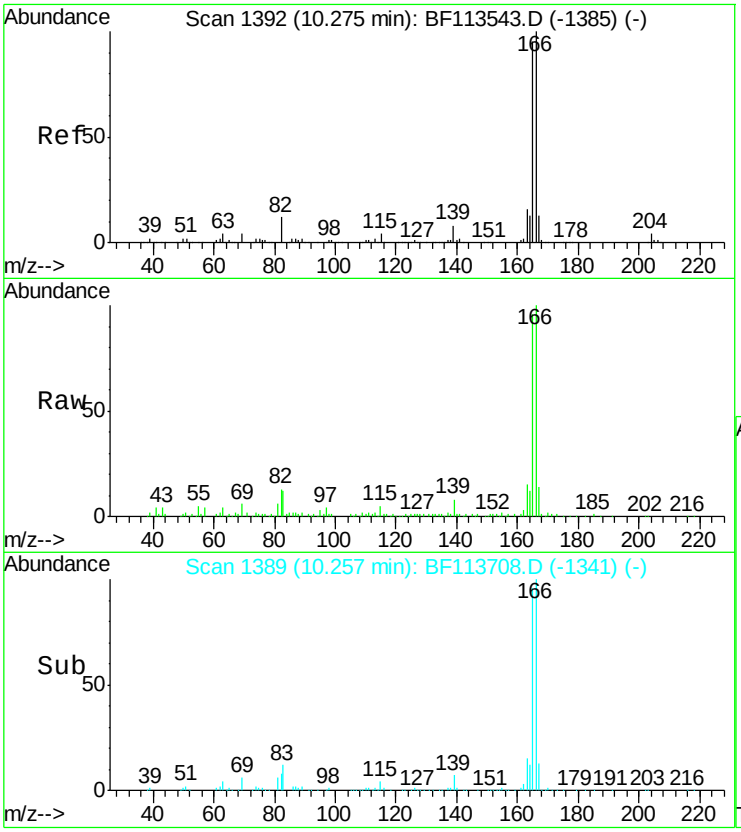


#55
Dibenzofuran
Concen: 4.066 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:168 Resp: 71327

Ion	Ratio	Lower	Upper
168	100		
139	34.2	29.7	44.5
169	14.4	10.7	16.1



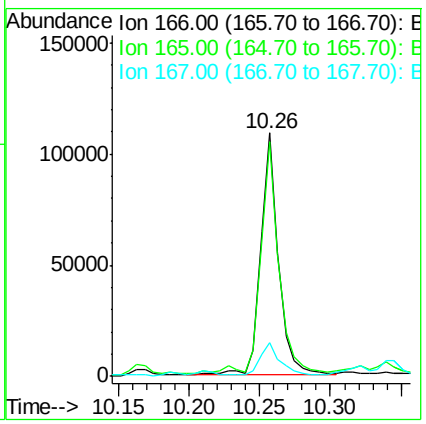


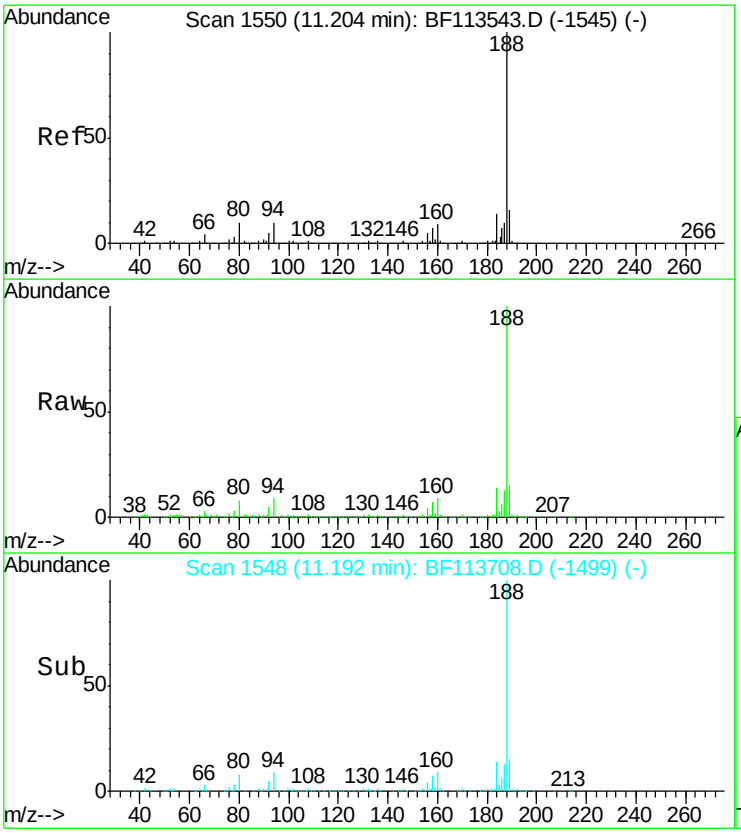
#58
Fluorene
Concen: 7.067 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 98054

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.2	114.2
167	13.7	10.7	16.1

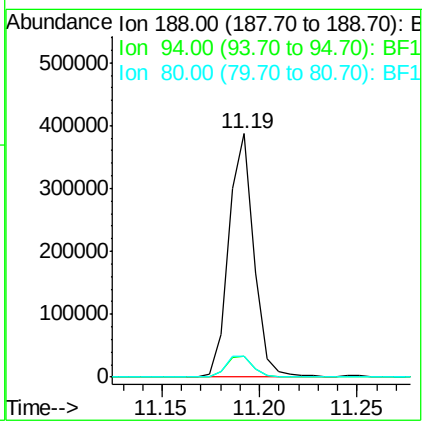


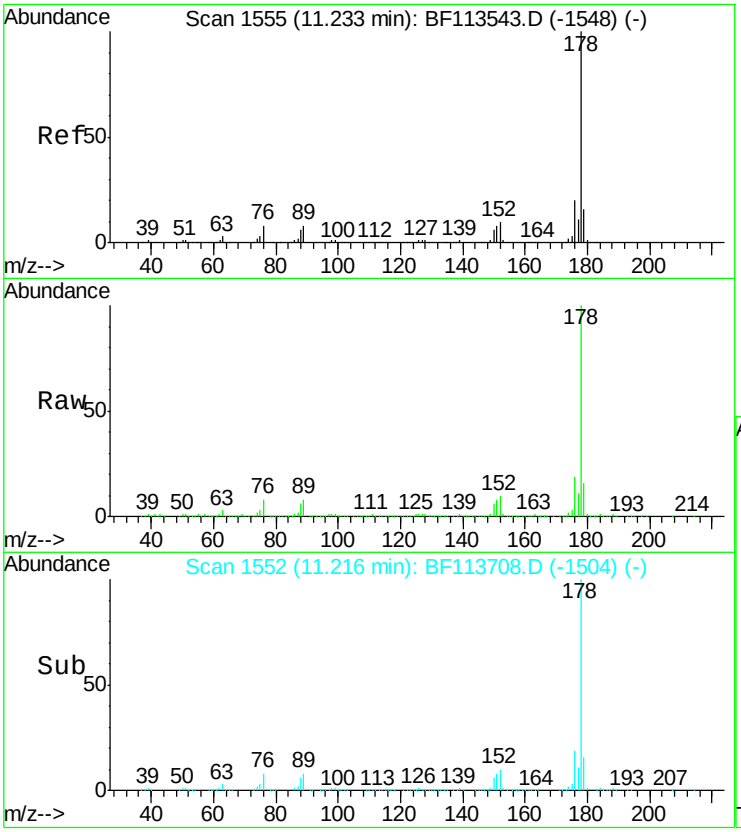


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:188 Resp: 343083

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	8.5	7.7	11.5



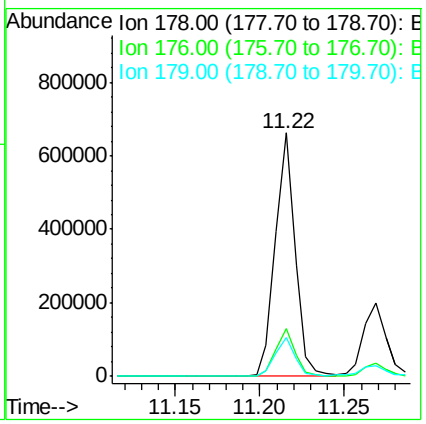


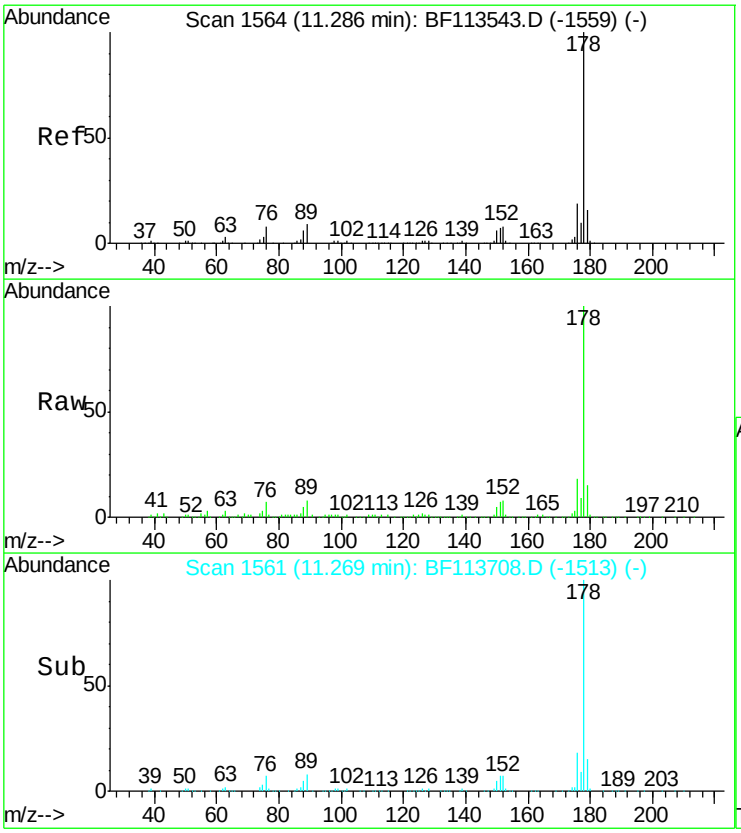
#71
Phenanthrene
Concen: 31.813 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 542354

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.8	12.7	19.1

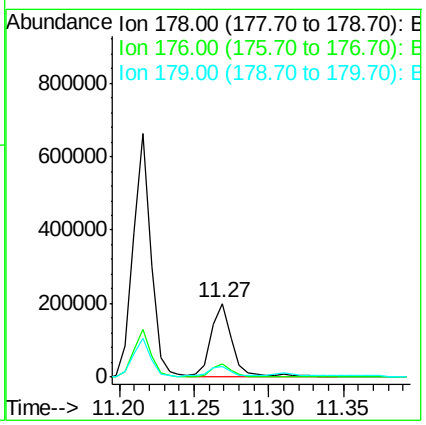


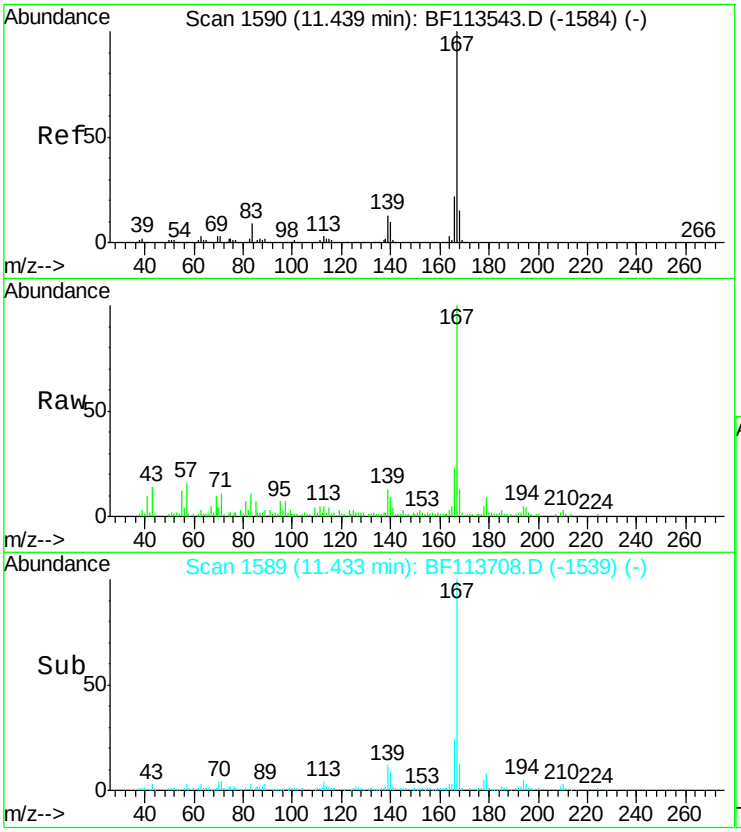


#72
Anthracene
Concen: 11.155 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:178 Resp: 193488

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.9	12.8	19.2



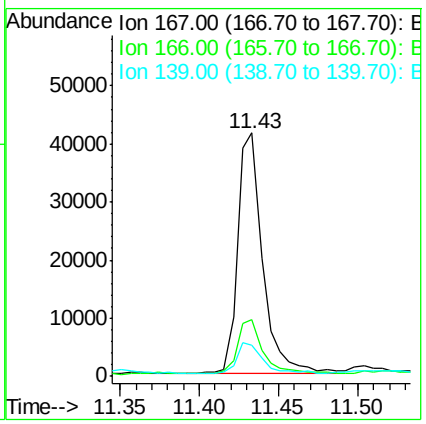


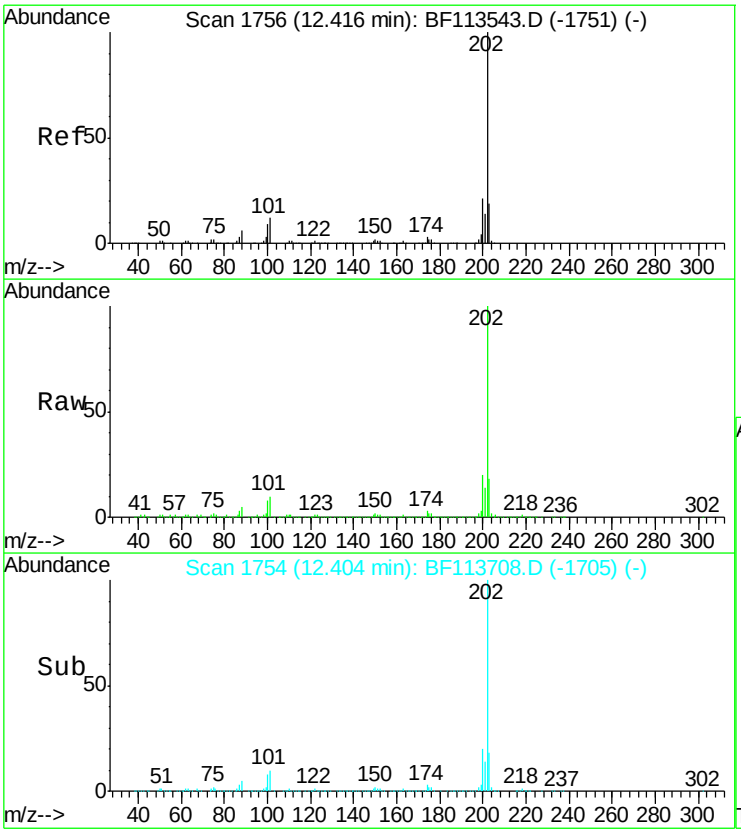
#73
Carbazole
Concen: 2.795 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 45342

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.4	26.0
139	12.6	10.4	15.6

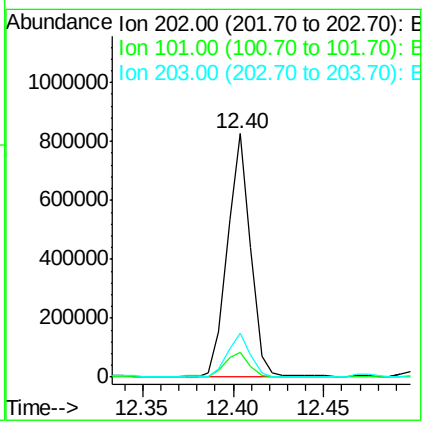


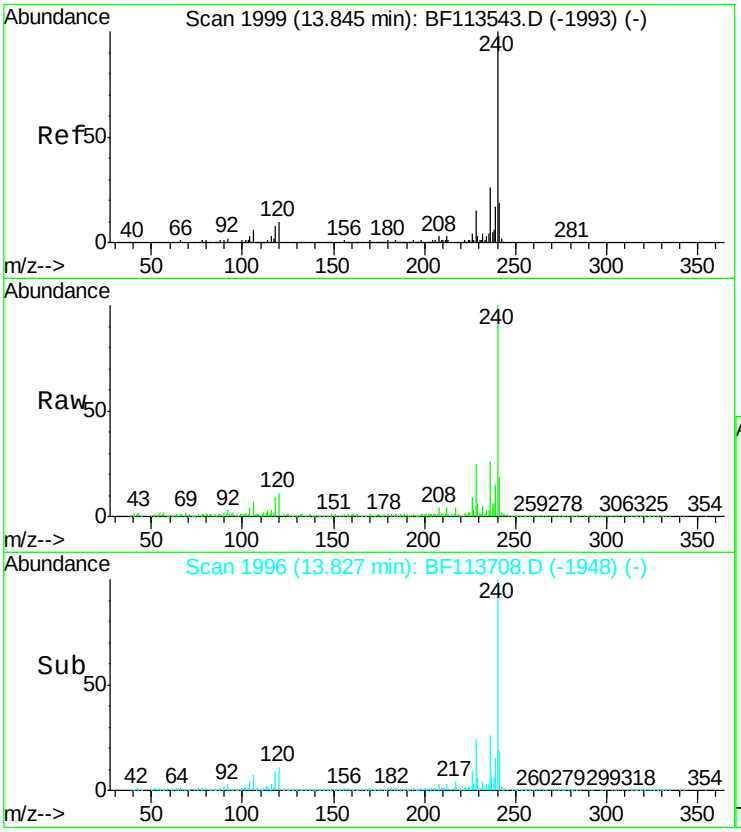


#75
Fluoranthene
Concen: 40.139 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:202 Resp: 733266

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.0	0.0	38.0



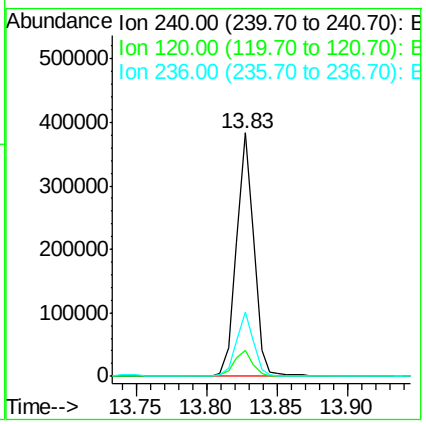


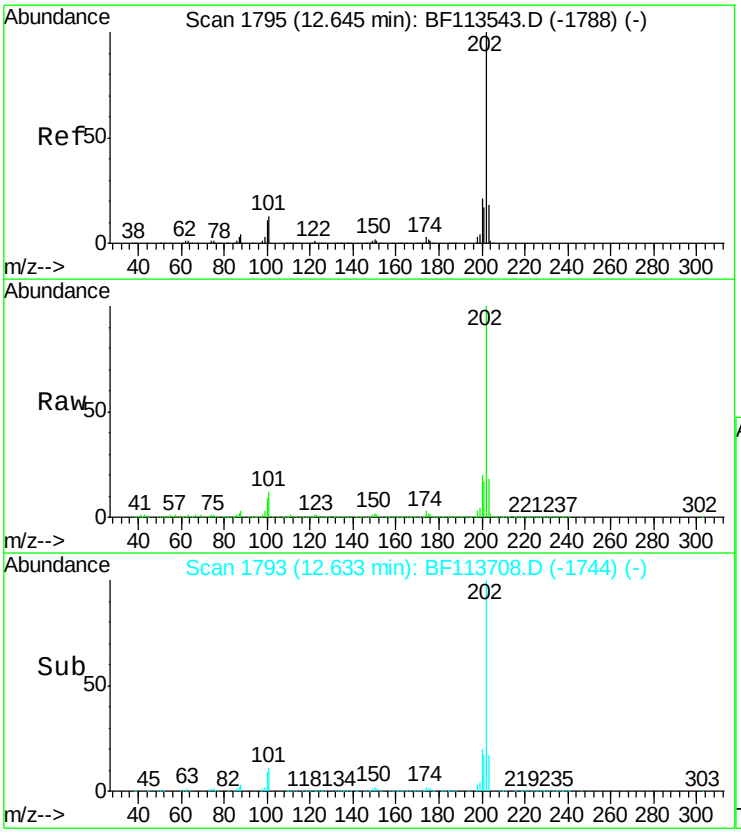
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 327149

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	26.3	20.9	31.3

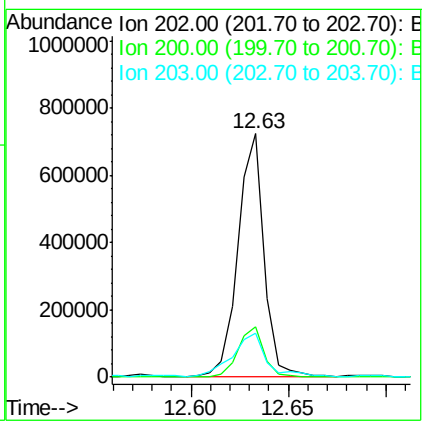


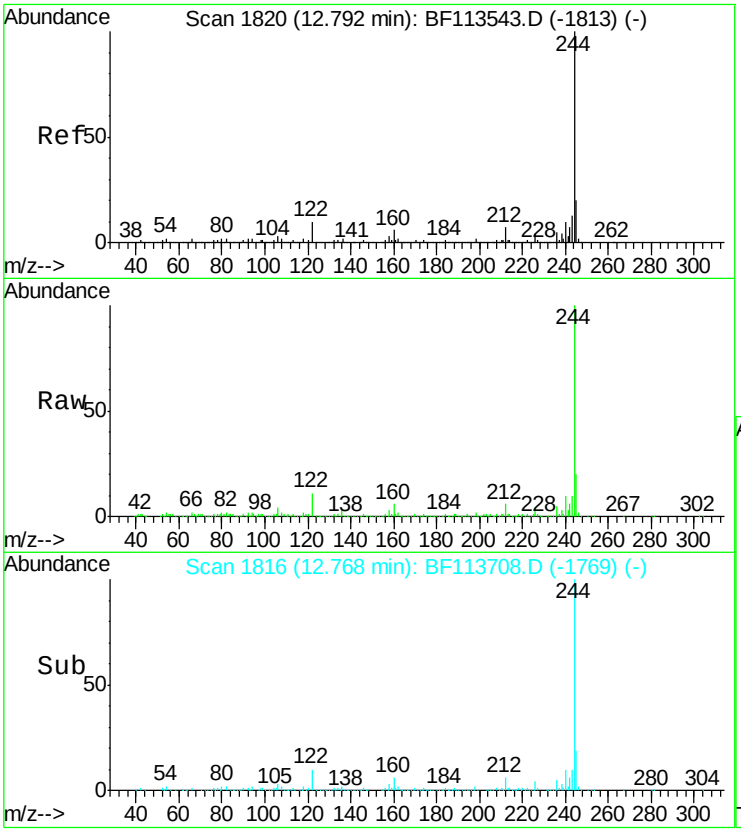


#78
Pyrene
Concen: 26.783 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:202 Resp: 666689

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.8	14.4	21.6



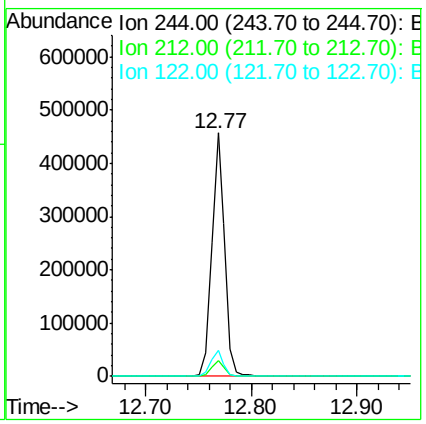


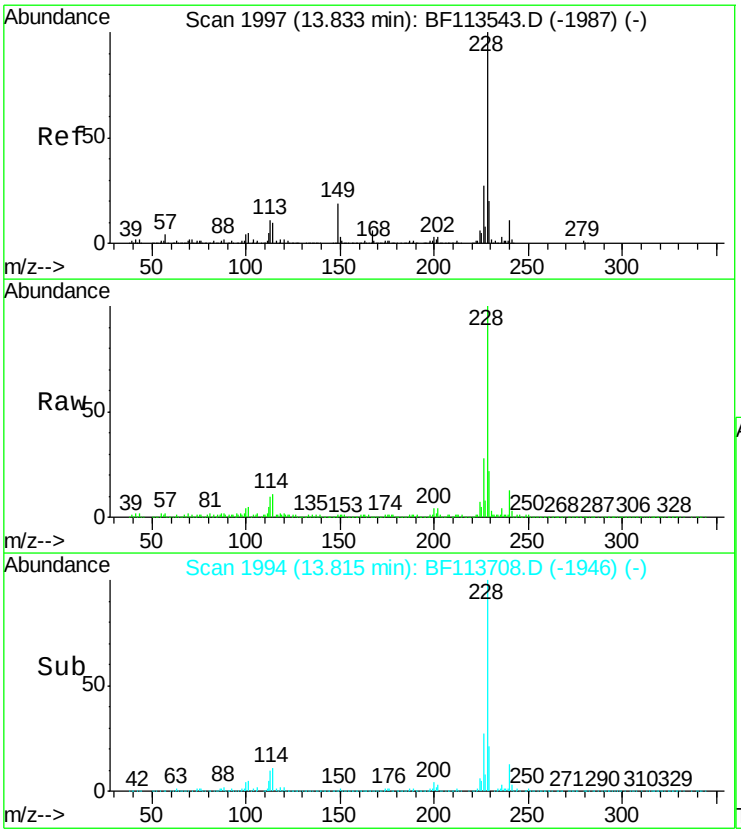
#79
Terphenyl-d14
Concen: 24.578 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 394929

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.5	8.6	13.0

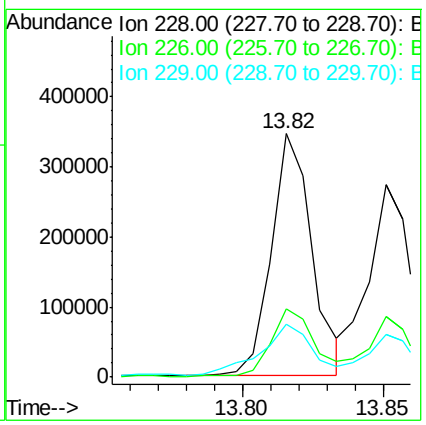


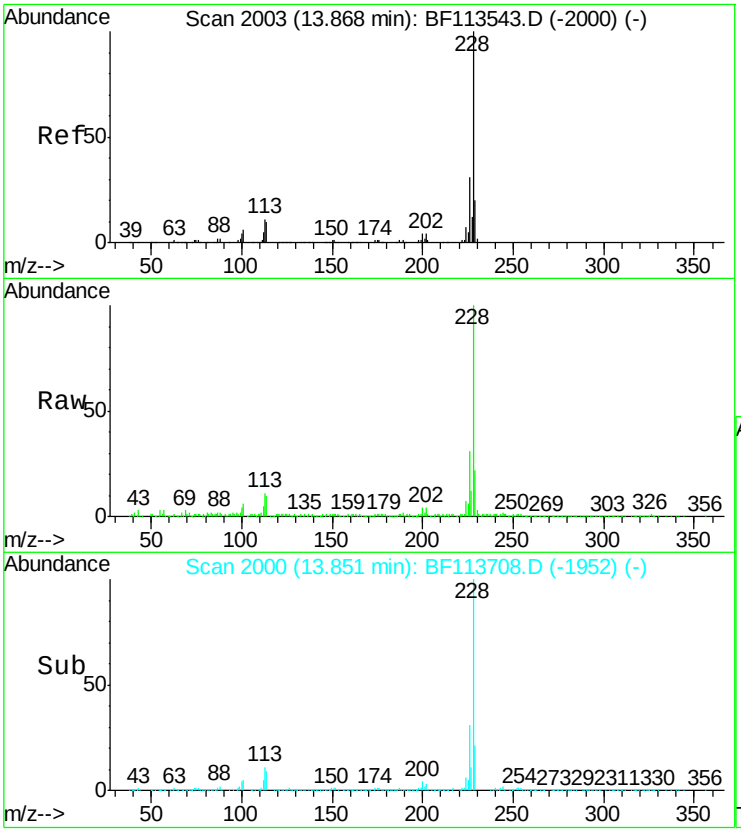


#81
Benzo(a)anthracene
Concen: 18.292 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:228 Resp: 345195

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	21.8	16.2	24.4



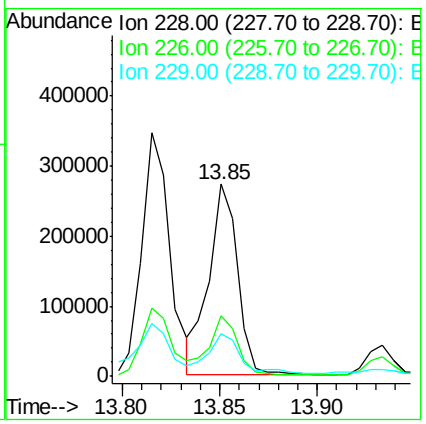


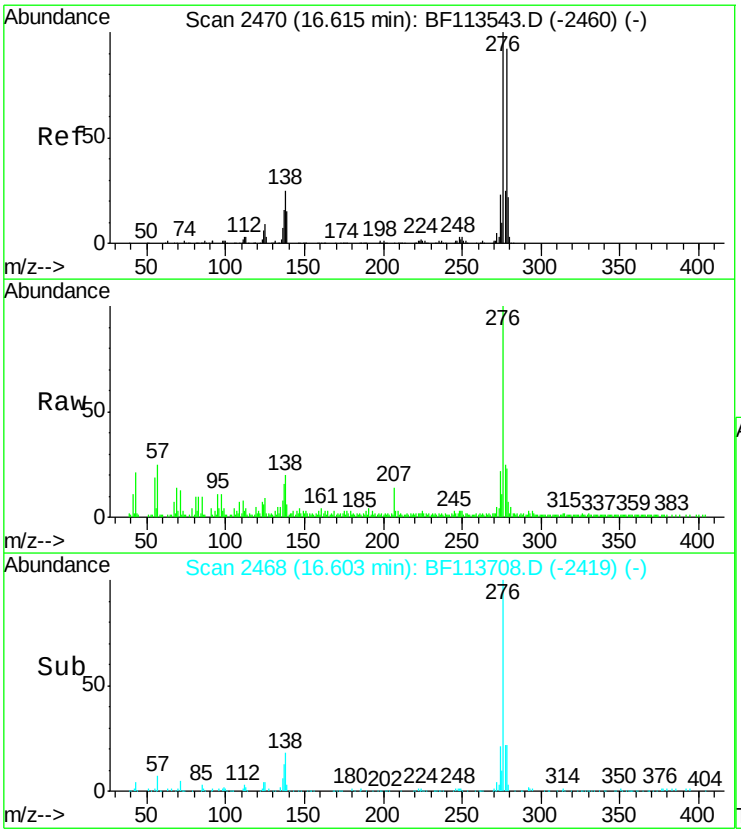
#83
Chrysene
Concen: 14.789 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 282930

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	22.5	16.3	24.5

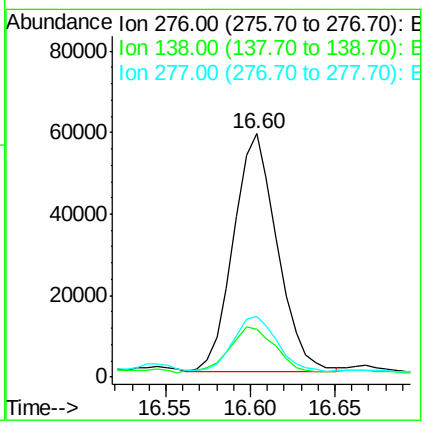


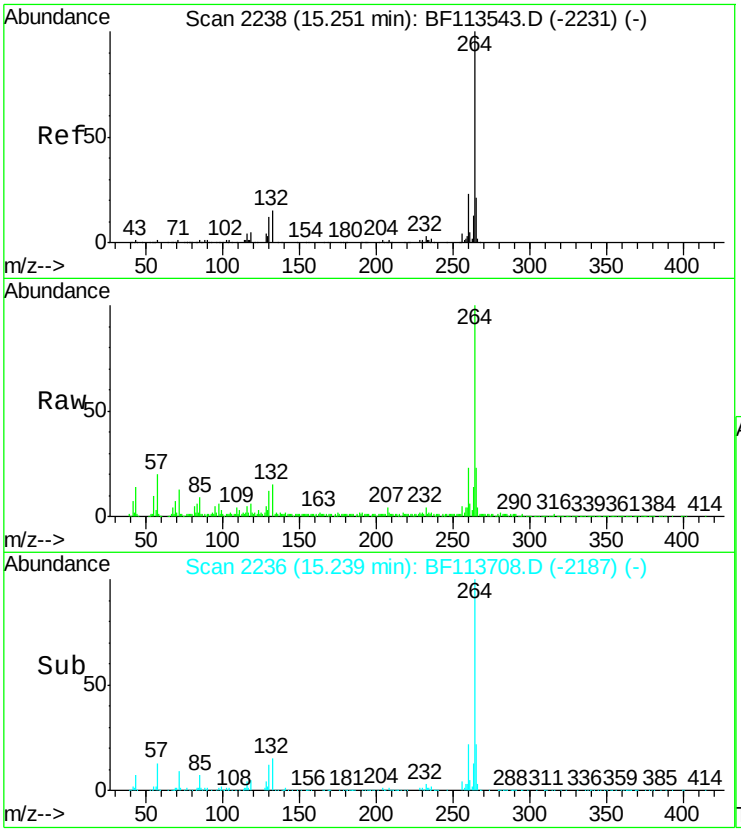


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.943 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:276 Resp: 104970

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.1	27.1
277	23.9	20.2	30.4



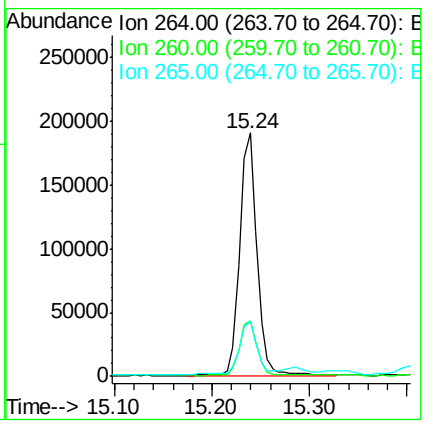


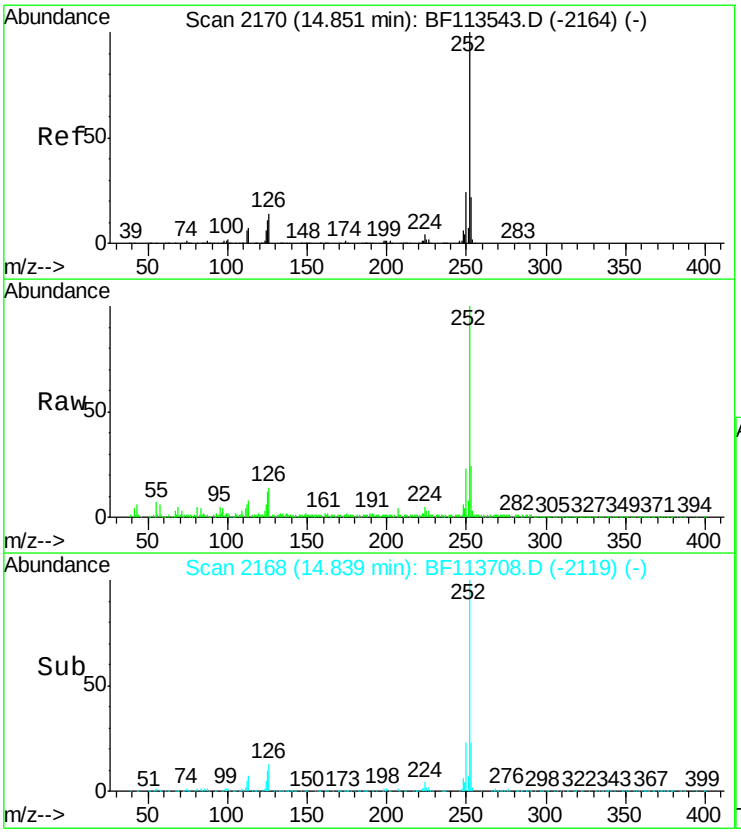
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 233066

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	22.8	17.1	25.7

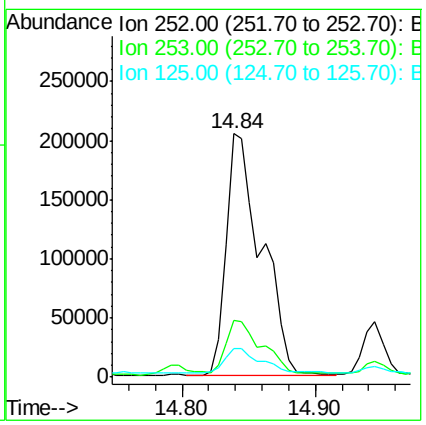


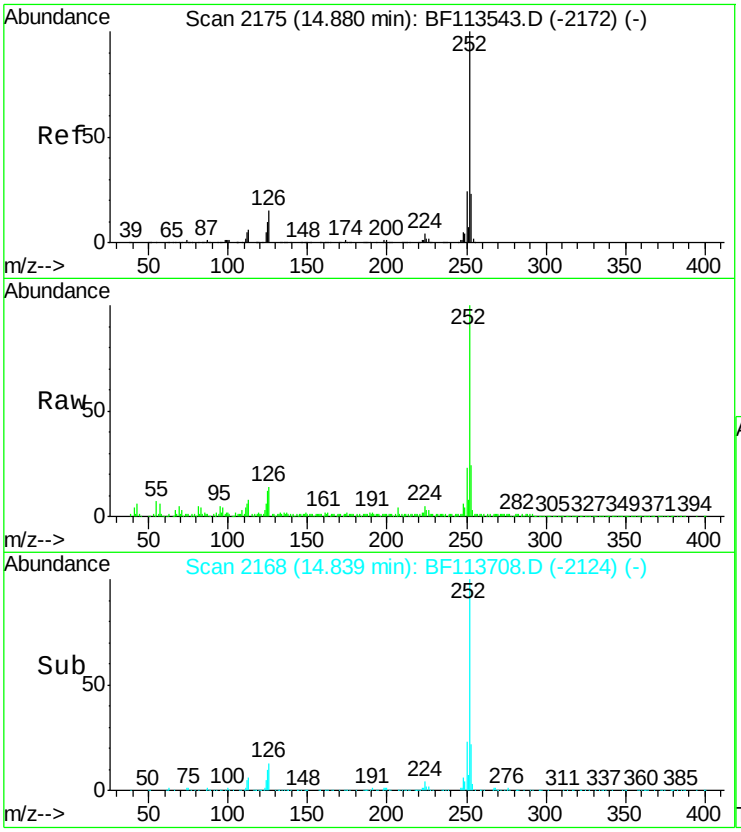


#88
Benzo(b)fluoranthene
Concen: 26.325 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:252 Resp: 375560

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.9	7.6	11.4#



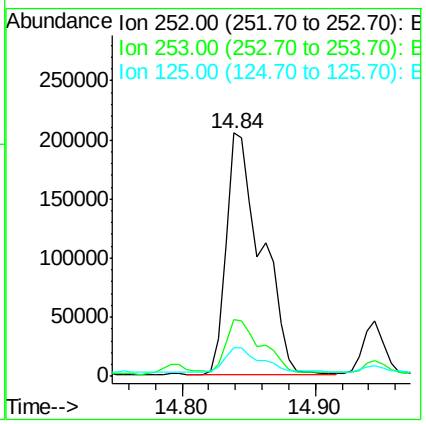


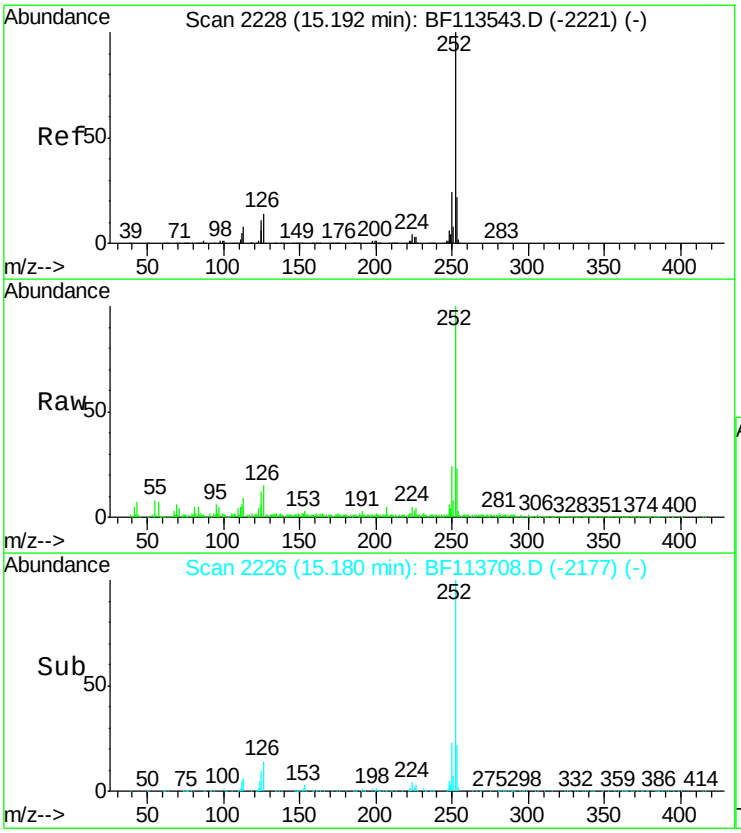
#89
Benzo(k)fluoranthene
Concen: 29.332 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 375560

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	11.9	7.3	10.9#

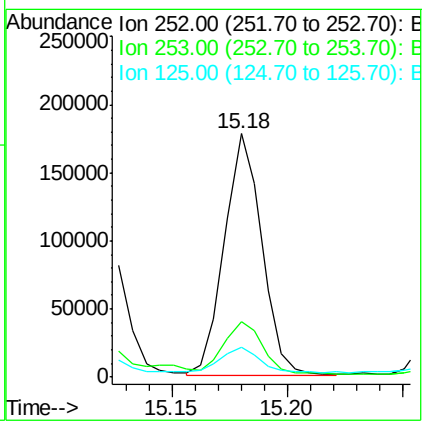


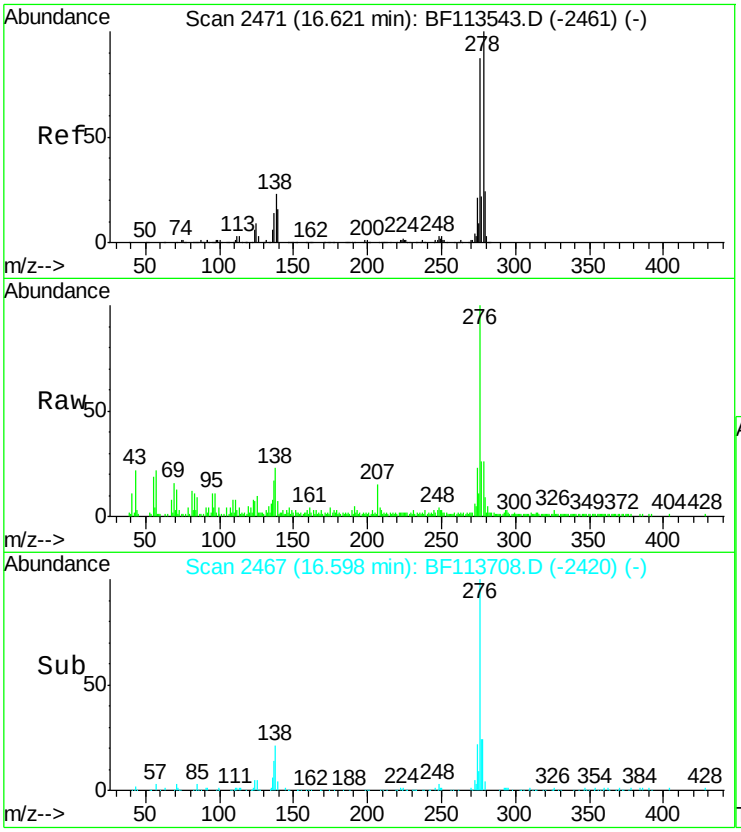


#90
Benzo(a)pyrene
Concen: 15.794 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:252 Resp: 200227

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.4	8.8	13.2



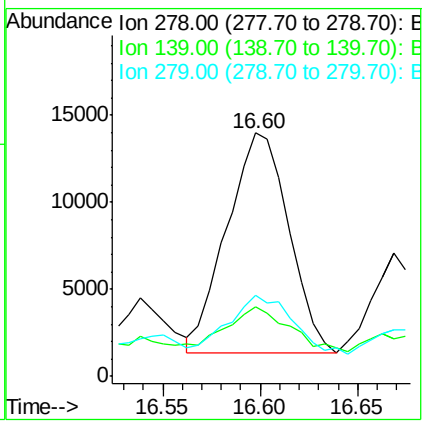


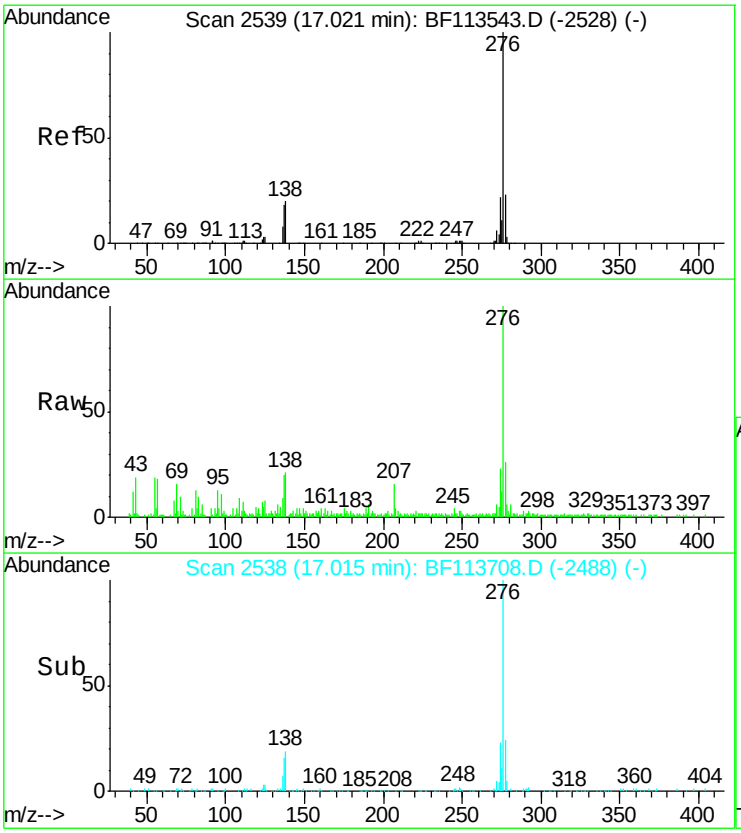
#91
Dibenzo(a,h)anthracene
Concen: 2.329 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 27607

Ion	Ratio	Lower	Upper
278	100		
139	28.7	12.0	18.0#
279	33.3	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 8.313 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113708.D
Acq: 10 Apr 2019 20:52

Tgt Ion:276 Resp: 100592

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.8	28.2
138	20.8	15.6	23.4