Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 20 04:07:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	66797	20.00	ng		-0.02
21) Naphthalene-d8	9.34	136	261947	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	100504	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	148417	20.00	ng		-0.02
75) Chrysene-d12	18.29	240	133507	20.00	ng		-0.01
86) Perylene-d12	19.96	264	97911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	567540	135.39	ng		-0.02
7) Phenol-d6	6.89	99	625503	124.64	ng		-0.02
23) Nitrobenzene-d5	8.23	82	359913	85.33	ng		-0.02
41) 2,4,6-Tribromophenol	13.46	330	95706	107.63	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	686959	95.12	ng		-0.02
78) Terphenyl-d14	16.94	244	446487	83.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	31020	15.56	ng	#	23
19) n-Nitroso-di-n-propylamine	8.23	70	47000	14.78	ng	#	75
31) Naphthalene	9.37	128	80806	6.15	ng		99
32) Benzoic acid	9.34	122	510	5.32	ng	#	51
37) 2-Methylnaphthalene	10.50	142	44869	5.05	ng		96
45) 1,1'-Biphenyl	11.27	154	21650	2.61	ng		93
48) Acenaphthylene	11.93	152	43743	3.95	ng		98
49) Dimethylphthalate	11.82	163	197697	25.91	ng		98
51) Acenaphthene	12.21	154	13039	2.04	ng		97
54) Dibenzofuran	12.50	168	59615	6.63	ng		96
55) 4-Nitrophenol	12.50	139	22197	23.10	ng	#	29
57) Fluorene	13.05	166	28311	3.62	ng	#	89
70) Phenanthrene	14.59	178	268510	31.36	ng		99
71) Anthracene	14.67	178	125991	14.09	ng		97
72) Carbazole	14.99	167	35654	4.09	ng		99
74) Fluoranthene	16.38	202	430317	50.77	ng		98
77) Pyrene	16.68	202	350786	35.21	ng		96
80) Benzo(a)anthracene	18.27	228	188723	24.31	ng		94
82) Chrysene	18.32	228	302587	39.01	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	12693	2.07	ng	#	90
85) Indeno(1,2,3-cd)pyrene	21.13	276	66711	10.05	ng		93
87) Benzo(b)fluoranthene	19.56	252	342855	55.92	ng	#	95
88) Benzo(k)fluoranthene	19.56	252	342855	58.51	ng		99
89) Benzo(a)pyrene	19.90	252	78282	13.89	ng	#	88
90) Dibenzo(a,h)anthracene	21.11	278	29045	6.08	ng	#	80
91) Benzo(g,h,i)perylene	21.46	276	55179	11.32	ng		99

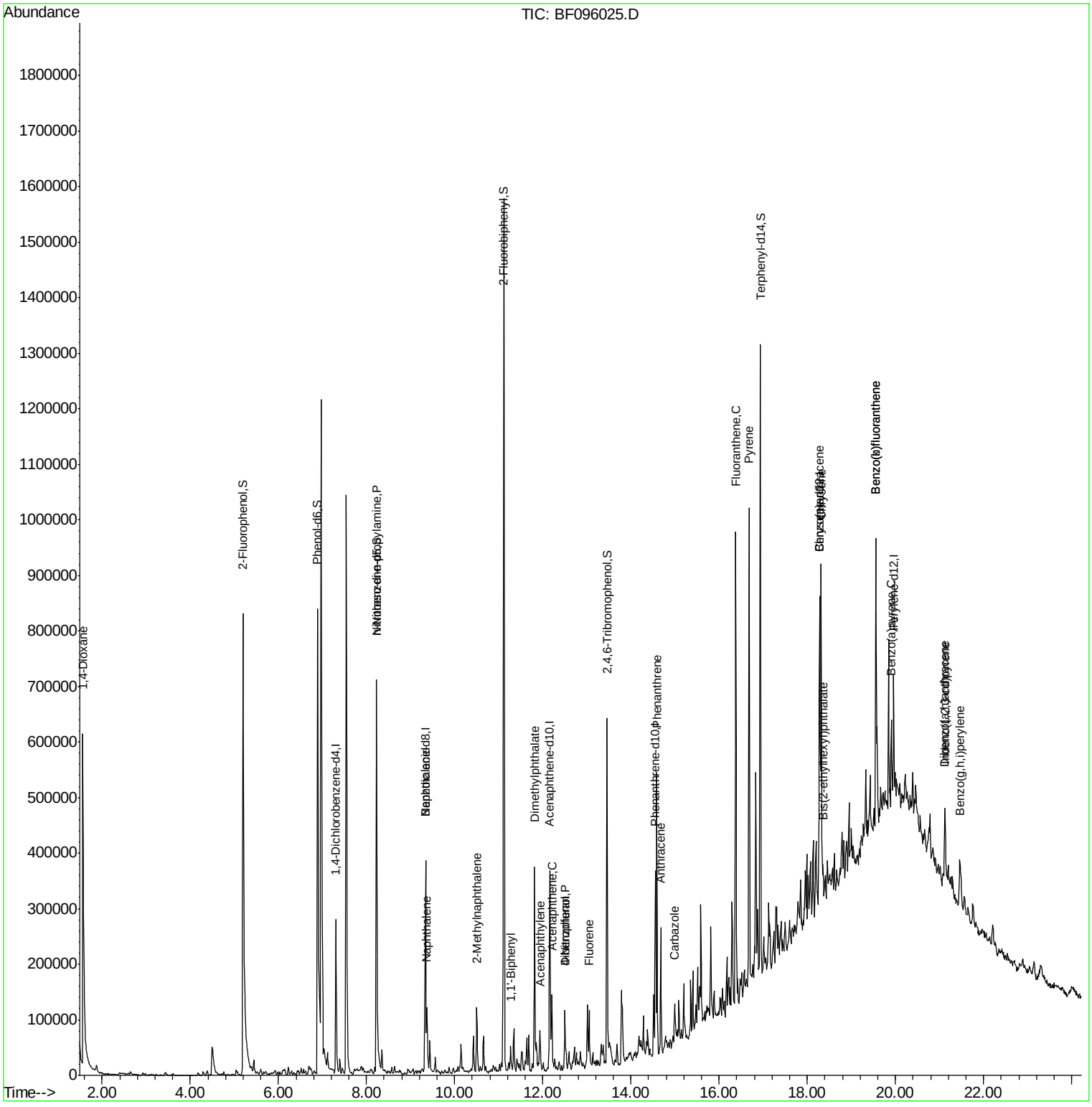
(#) = qualifier out of range (m) = manual integration (+) = signals summed

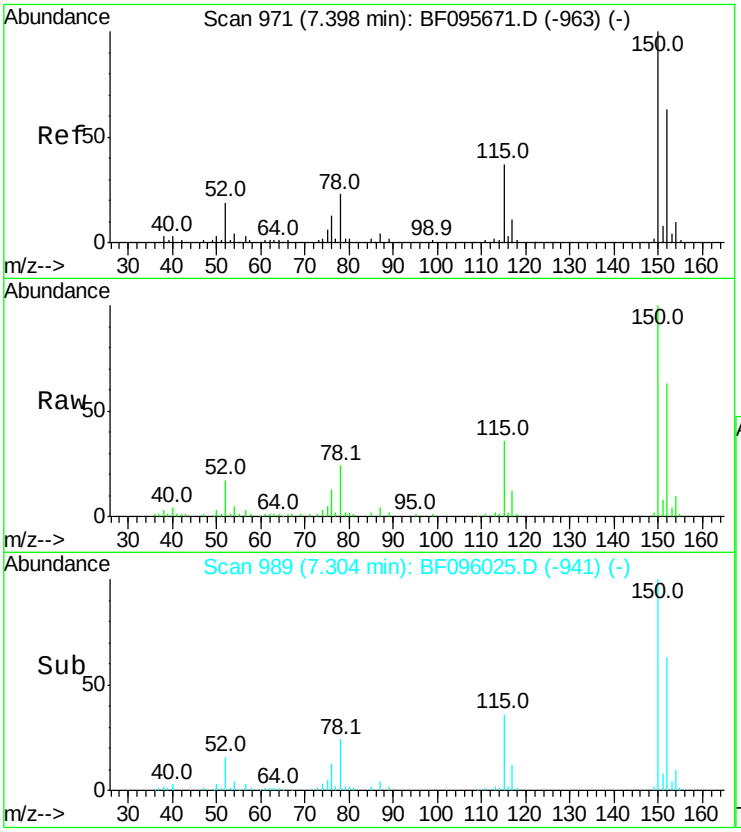
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096025.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3688-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 20 04:07:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration



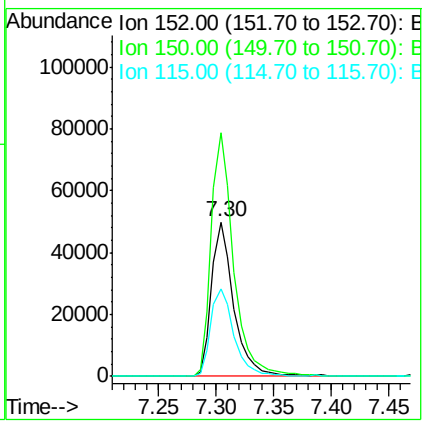


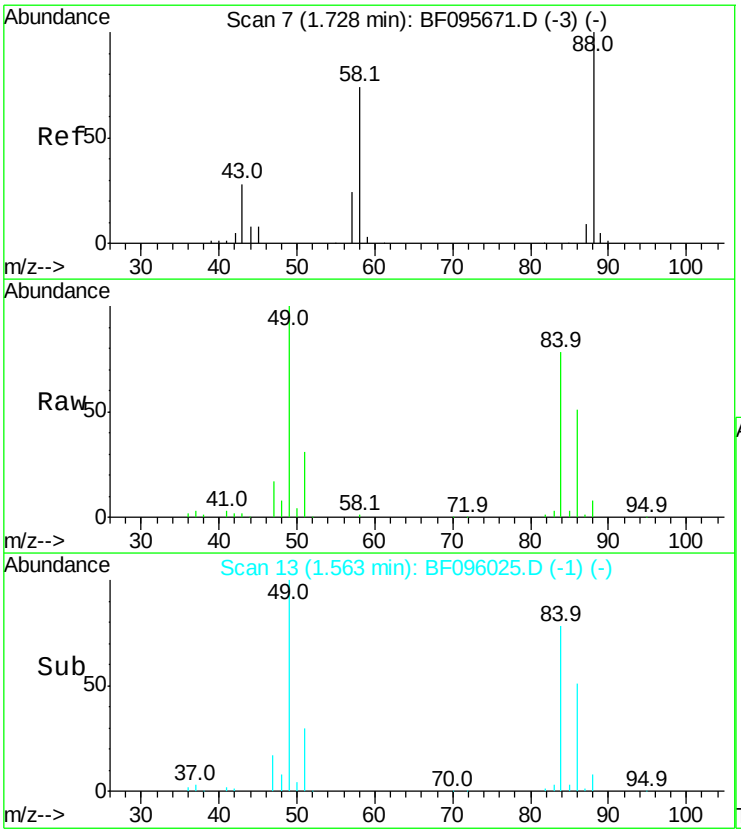
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66797

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	56.7	52.2	78.2

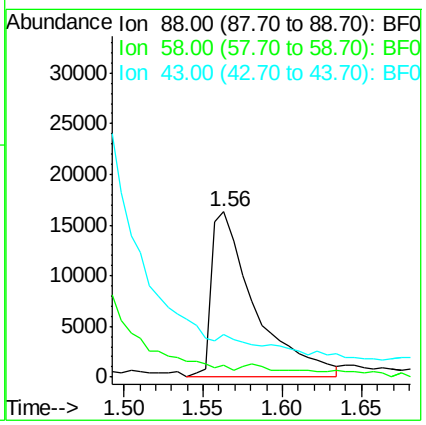


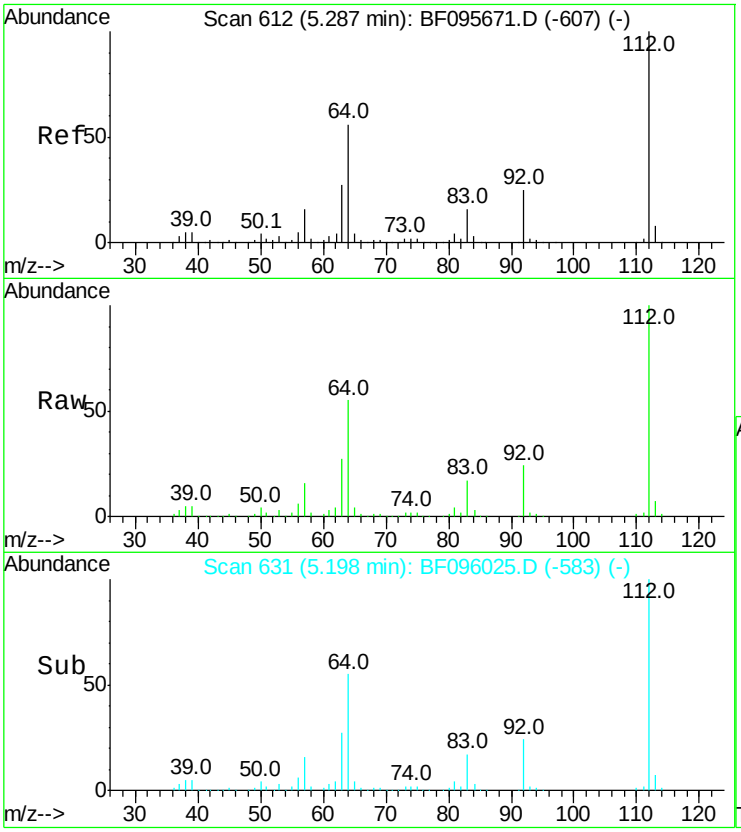


#2
1,4-Dioxane
Concen: 15.56 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion: 88 Resp: 31020

Ion	Ratio	Lower	Upper
88	100		
58	3.0	61.4	92.0#
43	0.0	23.4	35.0#



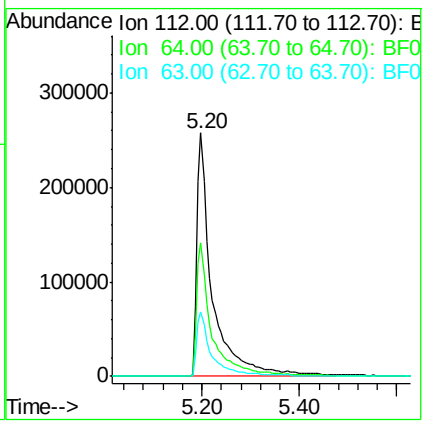


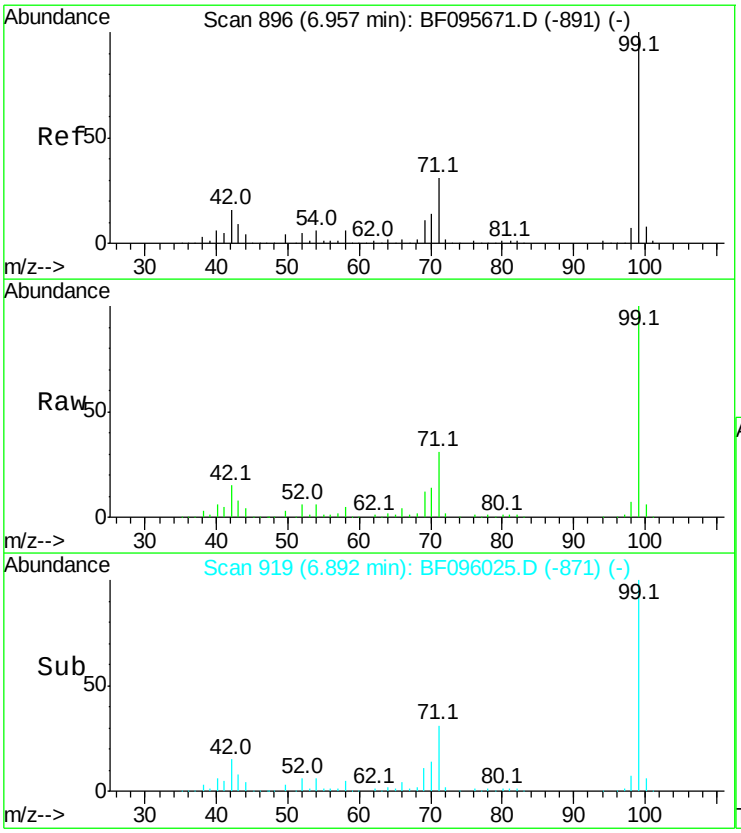
#5
2-Fluorophenol
Concen: 135.39 ng
RT: 5.20 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 567540

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	26.6	23.4	35.0

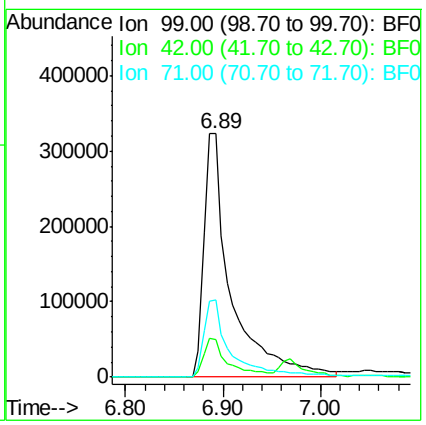


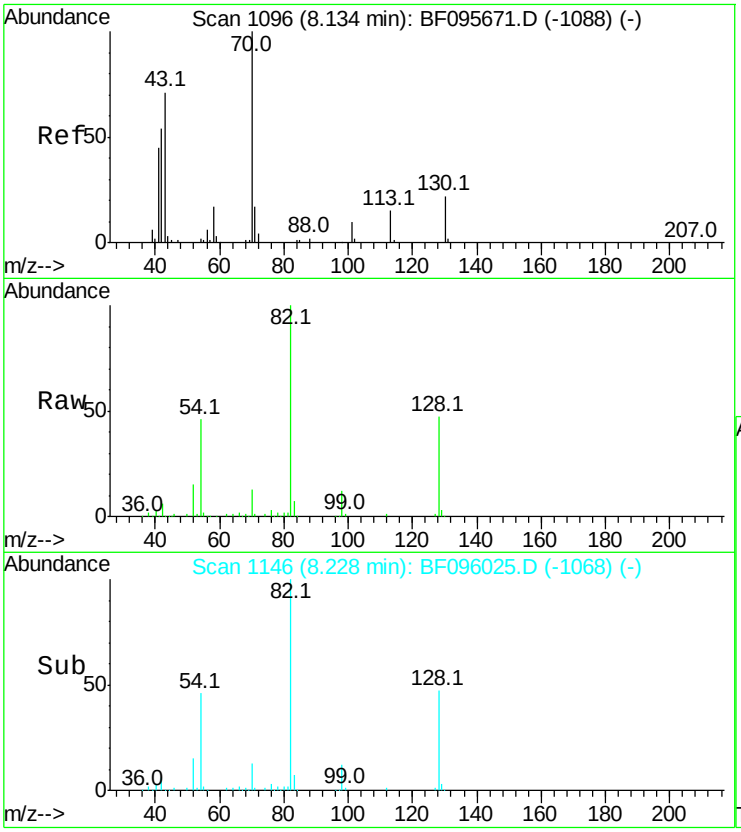


#7
Phenol-d6
Concen: 124.64 ng
RT: 6.89 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion: 99 Resp: 625503

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.5	24.5	36.7



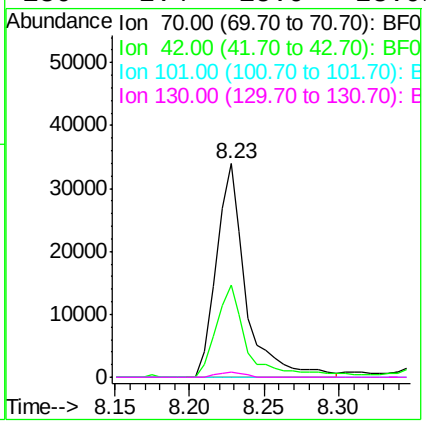


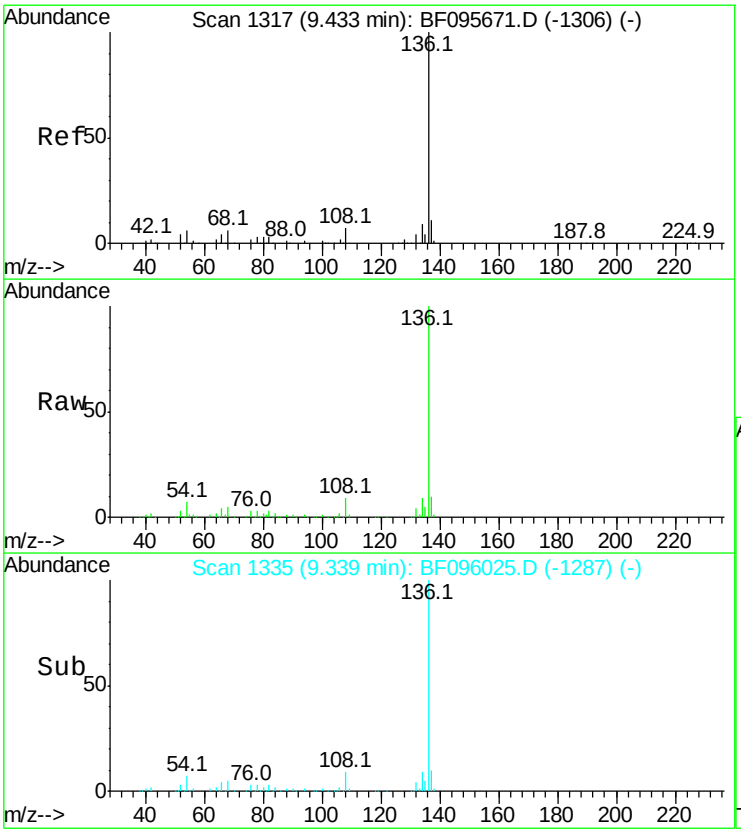
#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.16 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47000

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

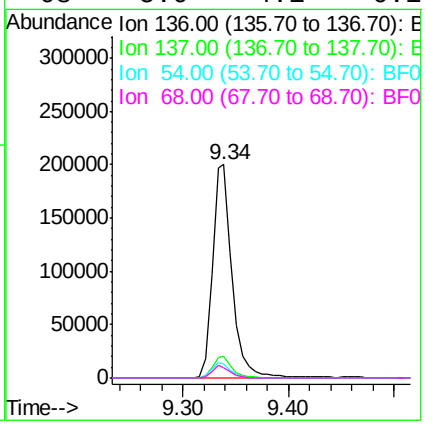


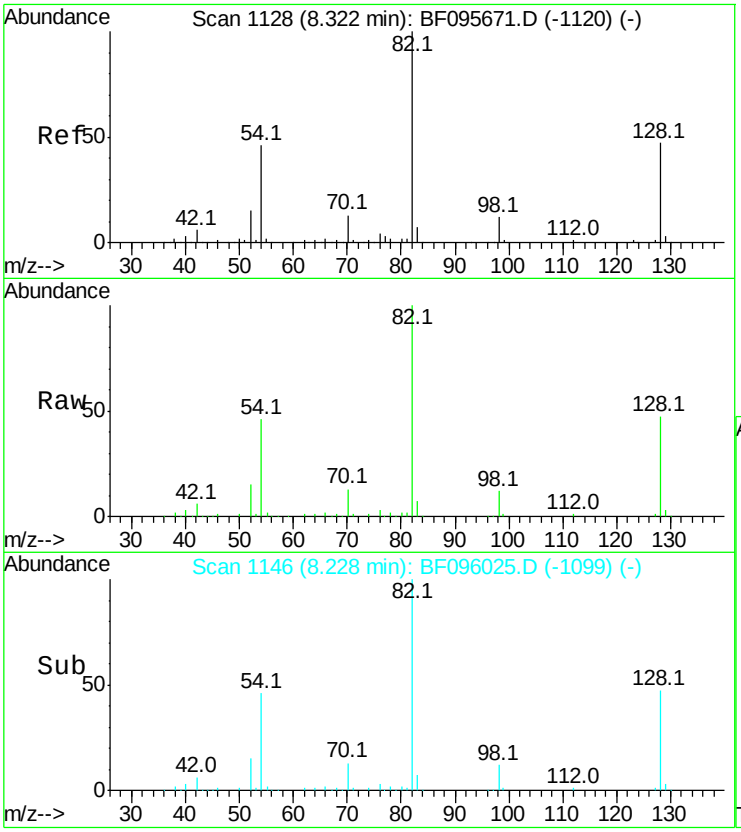


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:136 Resp: 261947

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	6.6	4.9	7.3
68	5.0	4.1	6.1



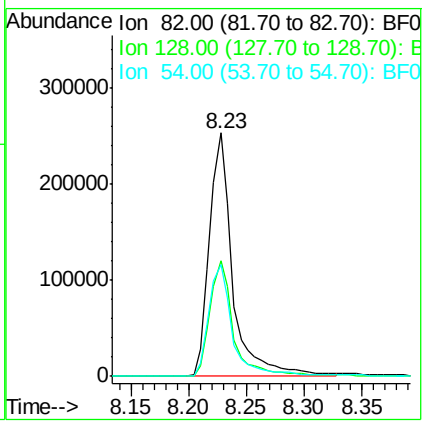


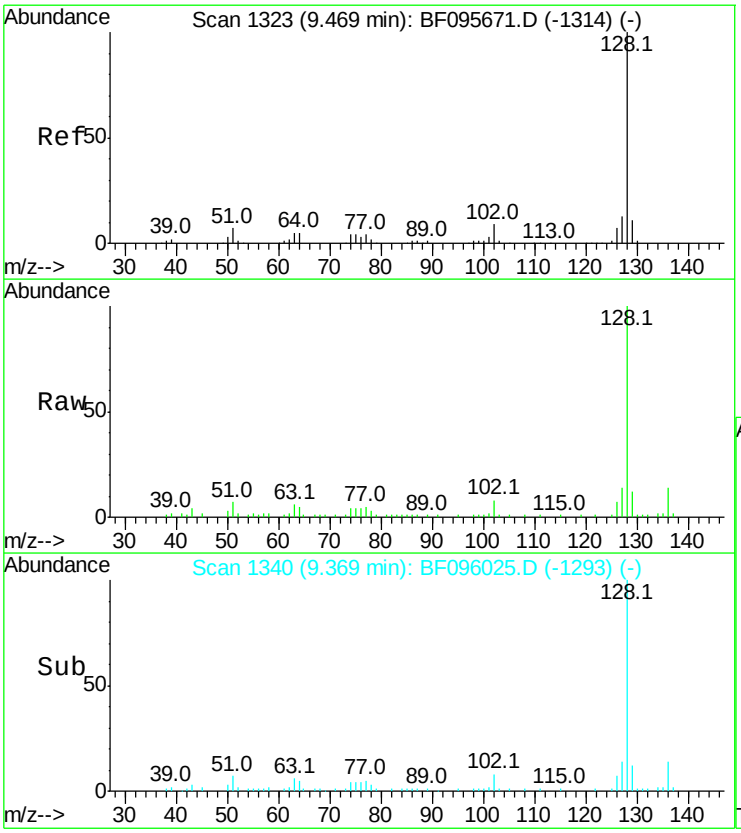
#23
Nitrobenzene-d5
Concen: 85.33 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 359913

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	46.1	42.2	63.2

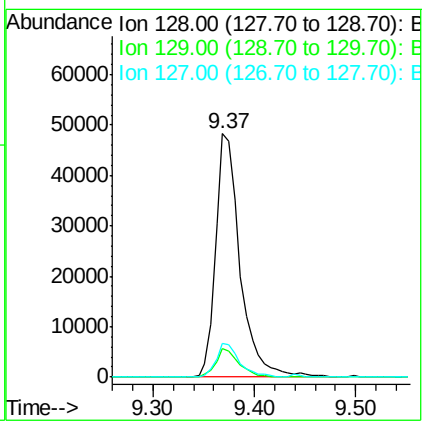


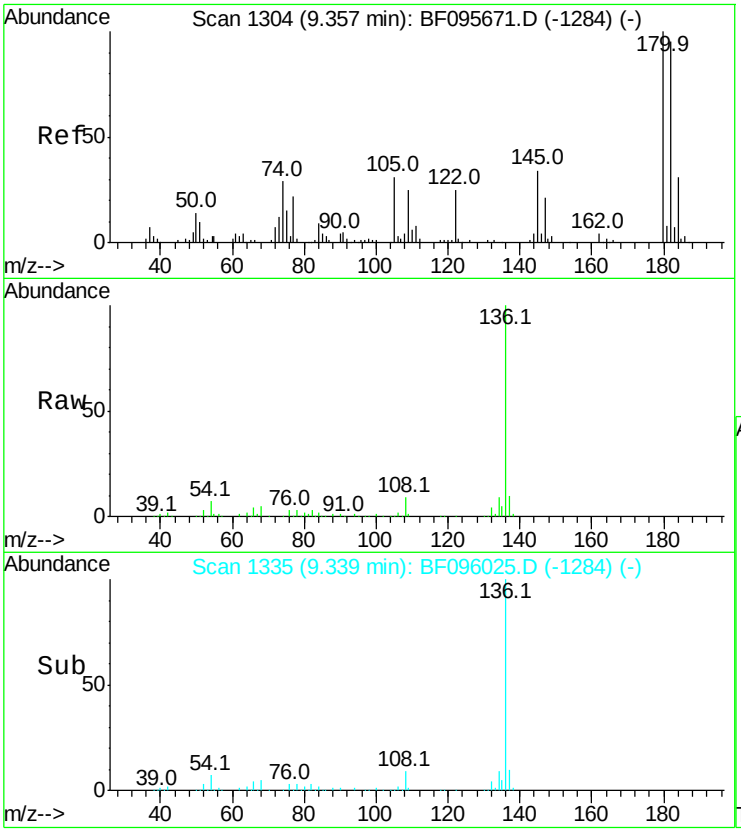


#31
Naphthalene
Concen: 6.15 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:128 Resp: 80806

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.1	10.8	16.2



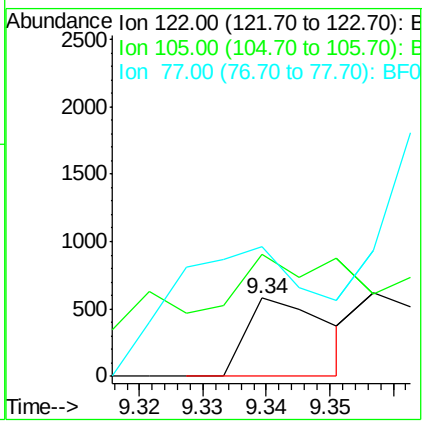


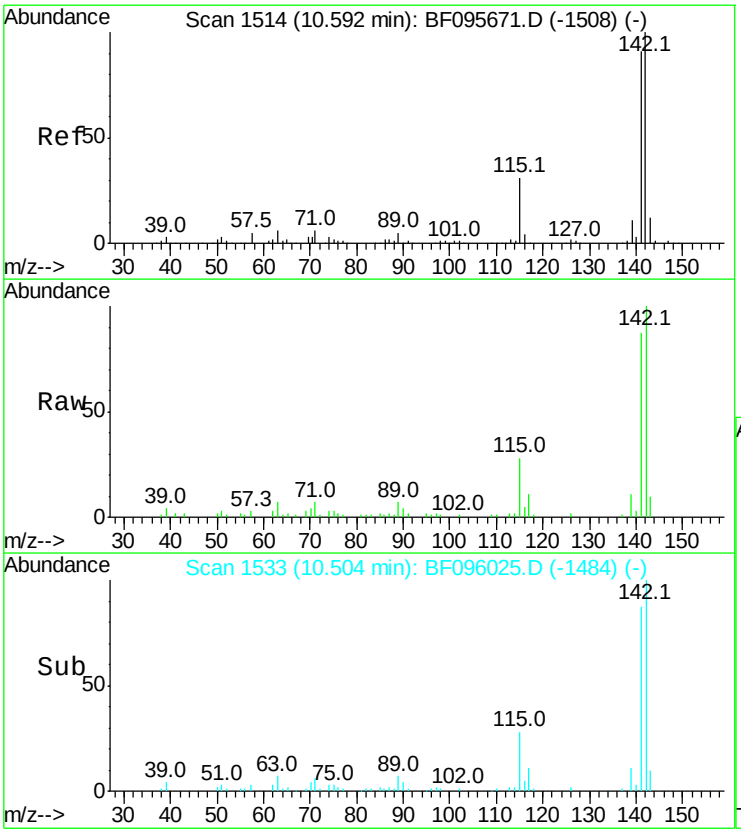
#32
Benzoic acid
Concen: 5.32 ng
RT: 9.34 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 510

Ion	Ratio	Lower	Upper
122	100		
105	156.1	103.3	143.3#
77	166.1	73.7	113.7#

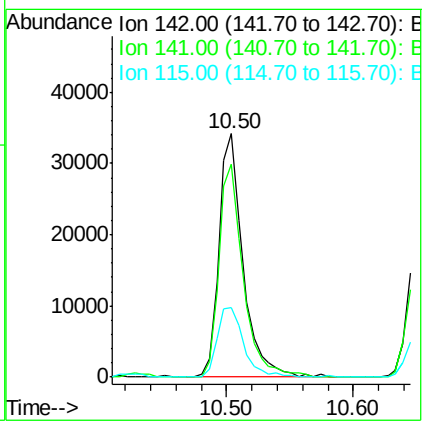


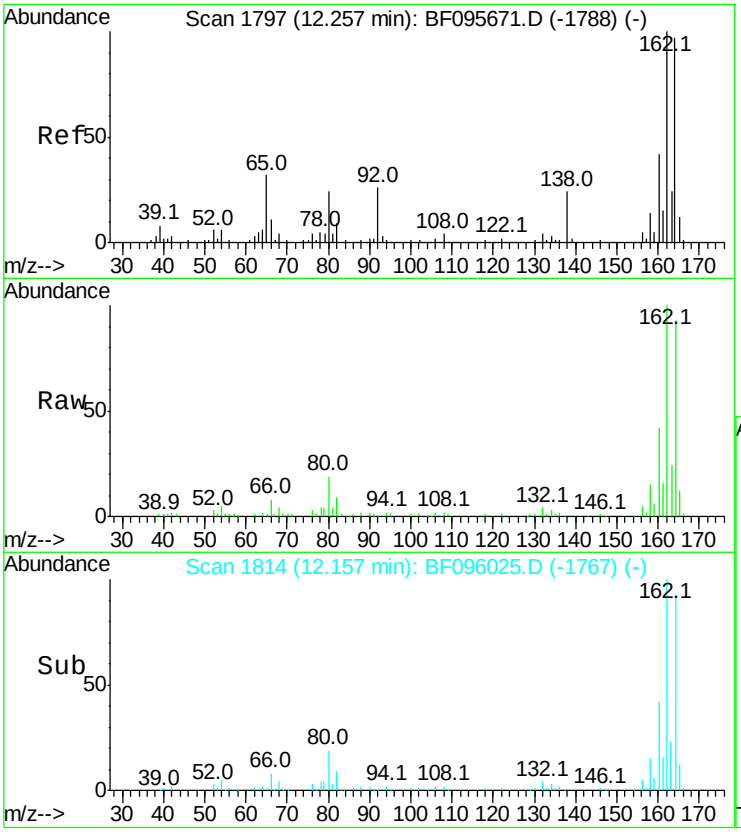


#37
2-Methylnaphthalene
Concen: 5.05 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:142 Resp: 44869

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.3	106.9
115	28.3	27.1	40.7



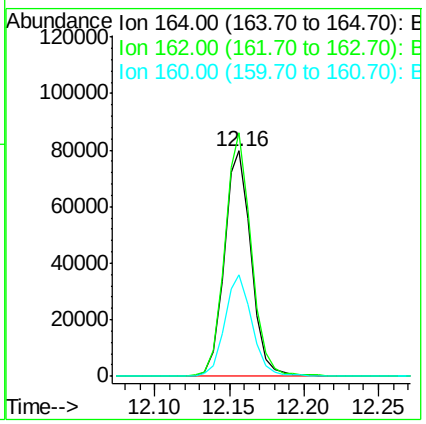


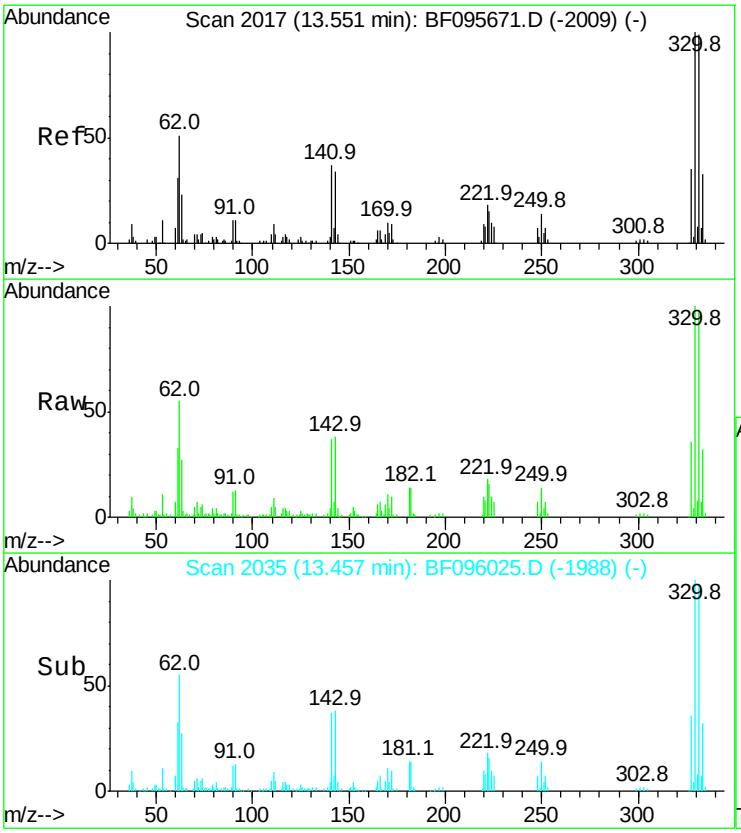
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 100504

Ion	Ratio	Lower	Upper
164	100		
162	108.1	82.6	123.8
160	44.9	36.2	54.2

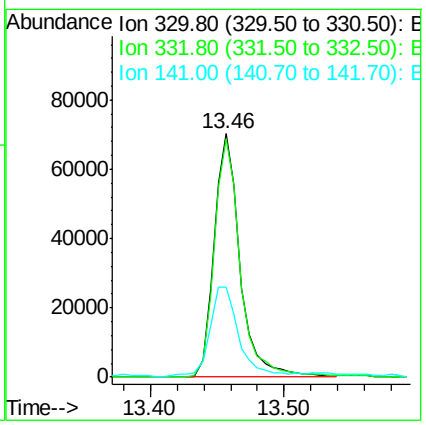


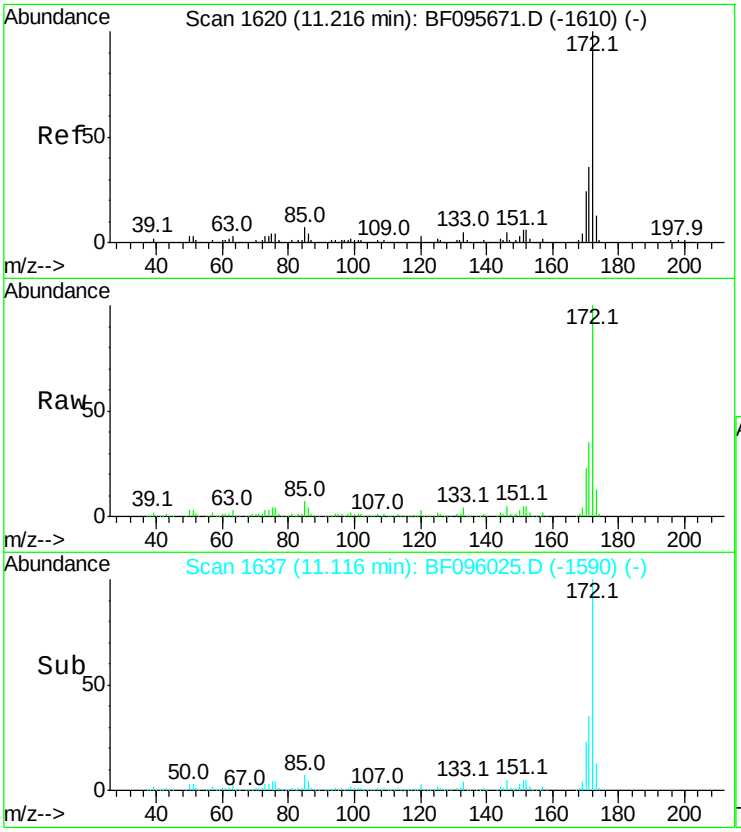


#41
2,4,6-Tribromophenol
Concen: 107.63 ng
RT: 13.46 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:330 Resp: 95706

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	115.0
141	43.0	31.4	47.2



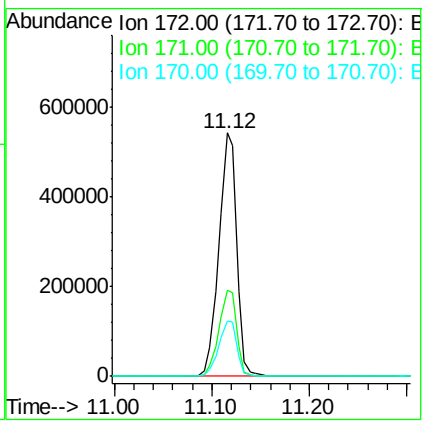


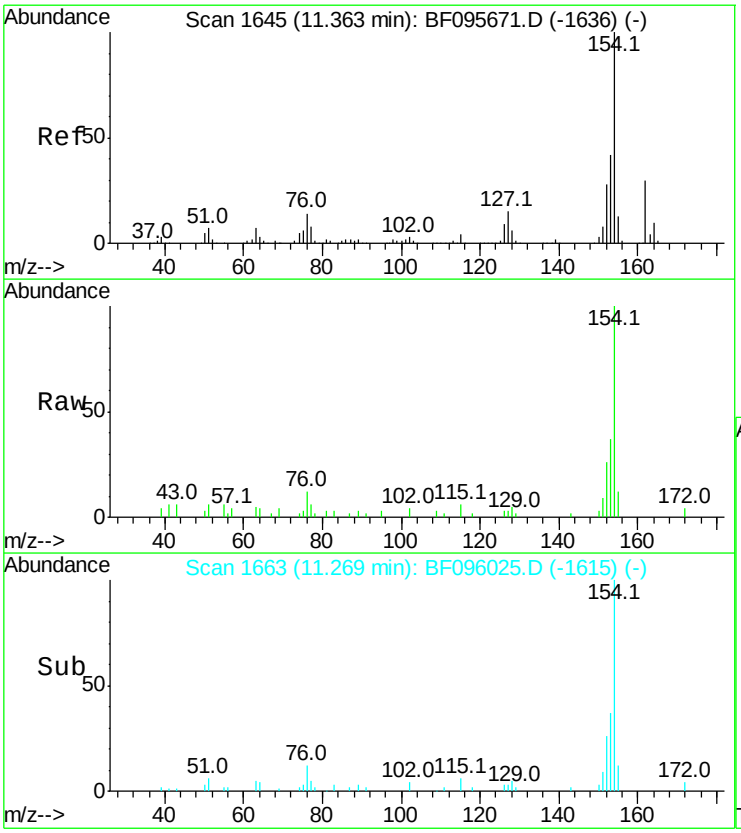
#44
2-Fluorobiphenyl
Concen: 95.12 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 686959

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.8	19.8	29.8

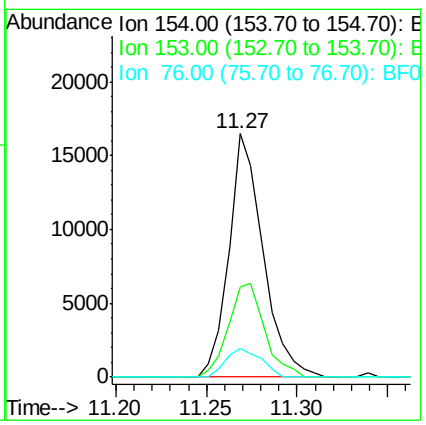


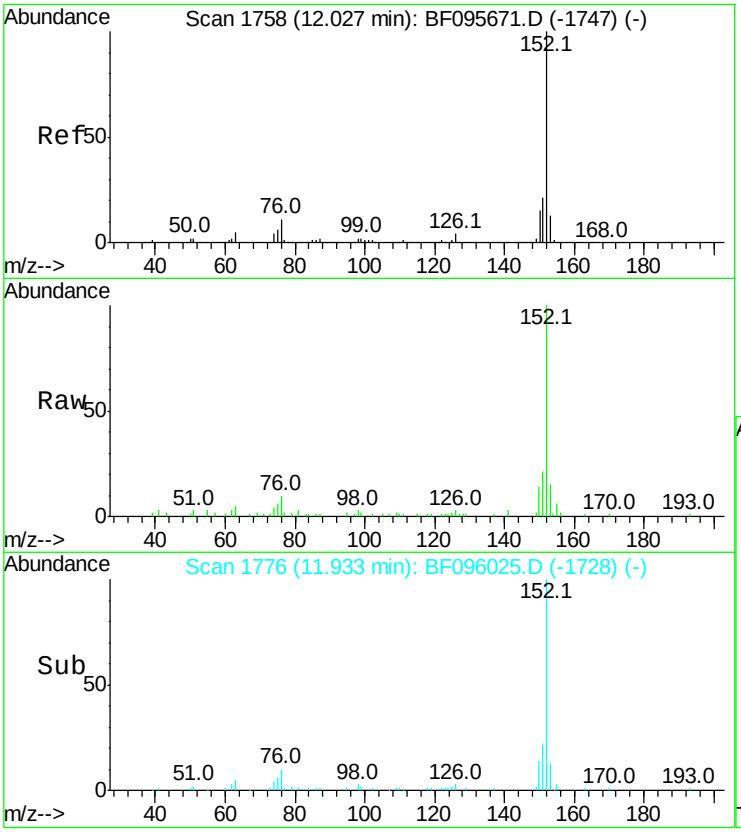


#45
1,1'-Biphenyl
Concen: 2.61 ng
RT: 11.27 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:154 Resp: 21650

Ion	Ratio	Lower	Upper
154	100		
153	37.0	21.2	61.2
76	12.0	0.0	29.9



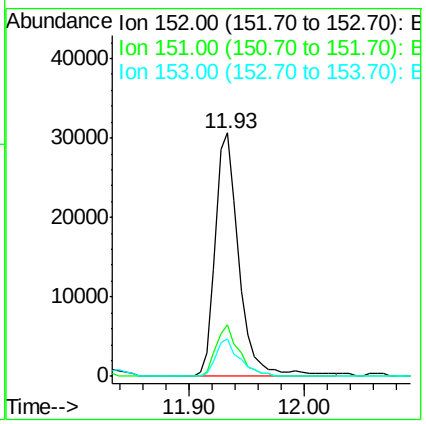


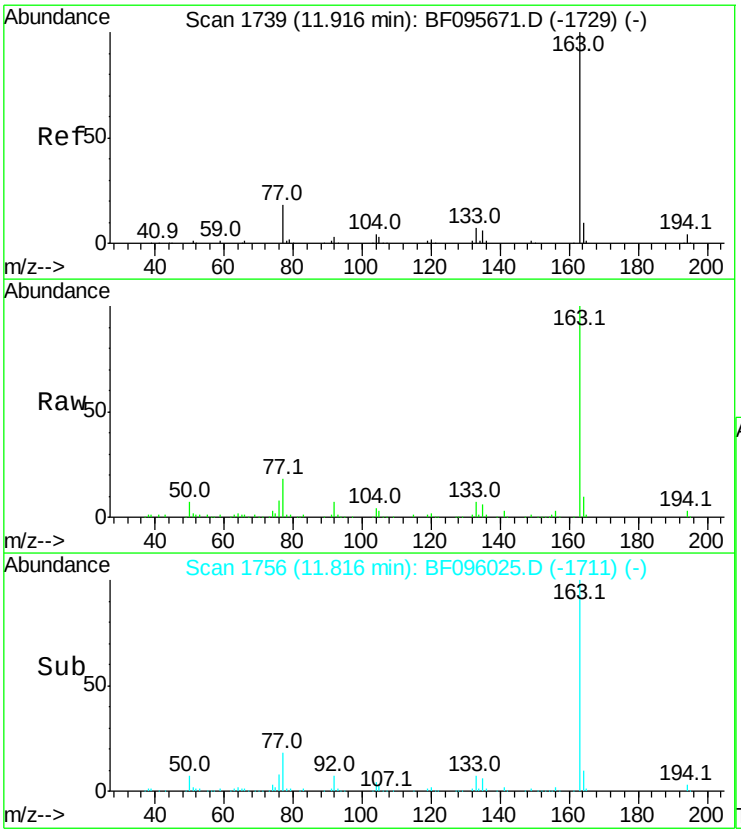
#48
Acenaphthylene
Concen: 3.95 ng
RT: 11.93 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43743

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	15.2	10.8	16.2

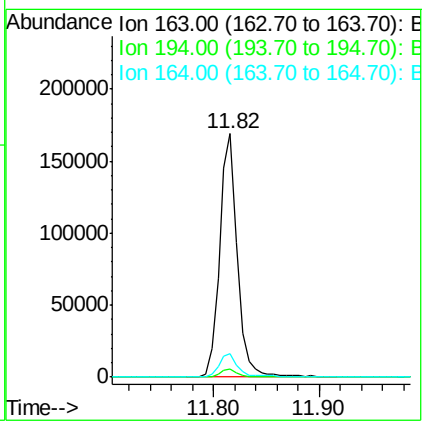


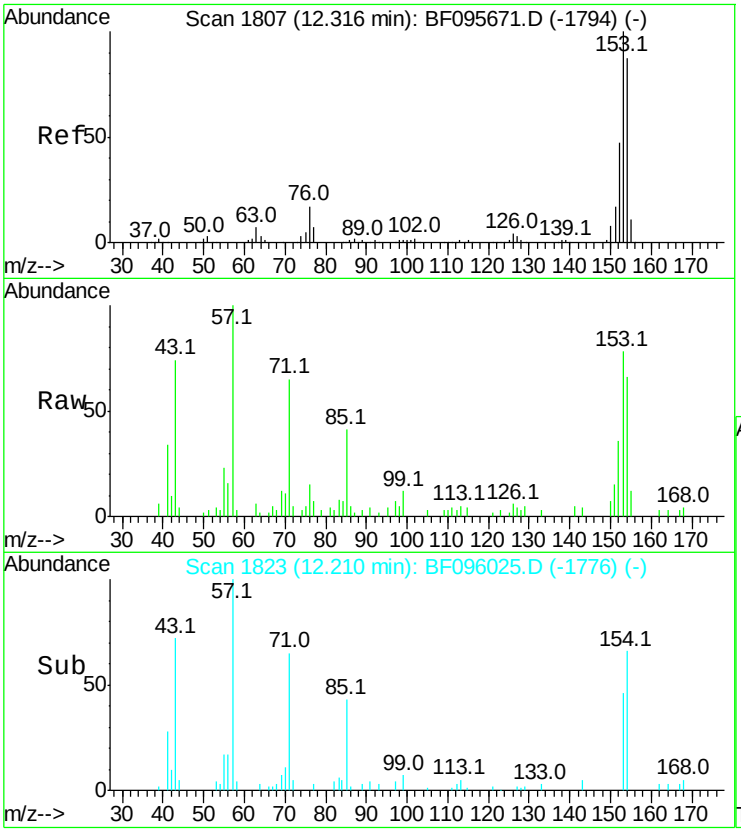


#49
Dimethylphthalate
Concen: 25.91 ng
RT: 11.82 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:163 Resp: 197697

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.4	12.6



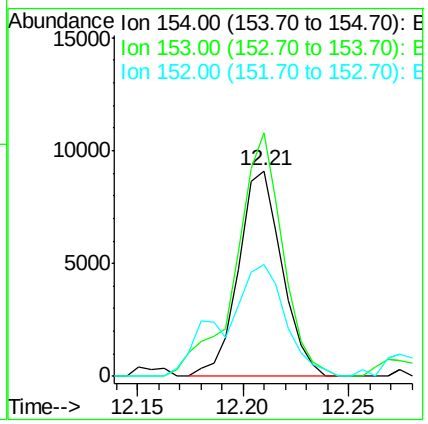


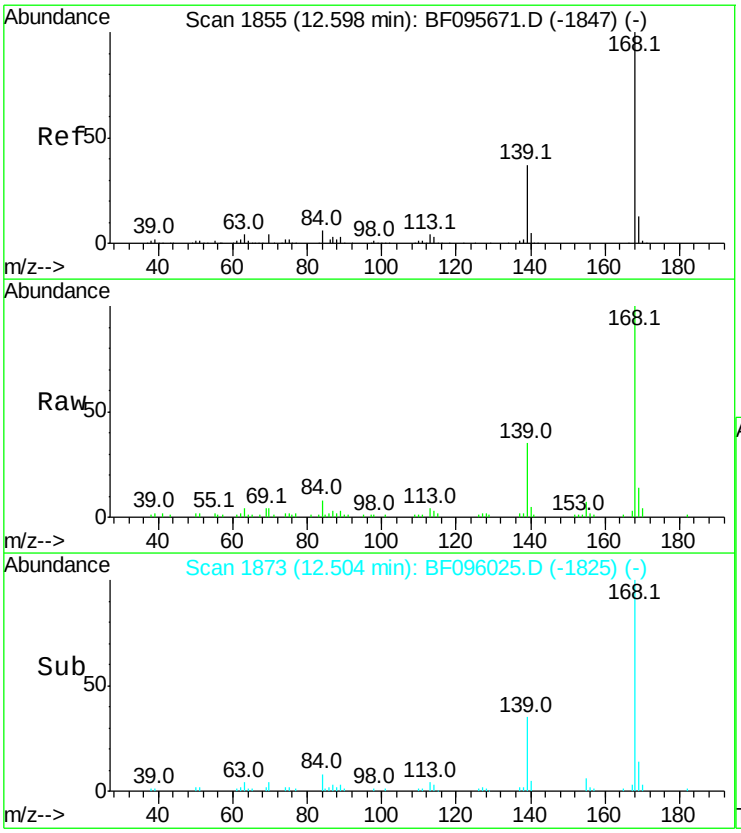
#51
Acenaphthene
Concen: 2.04 ng
RT: 12.21 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 13039

Ion	Ratio	Lower	Upper
154	100		
153	118.4	90.5	135.7
152	54.1	43.6	65.4

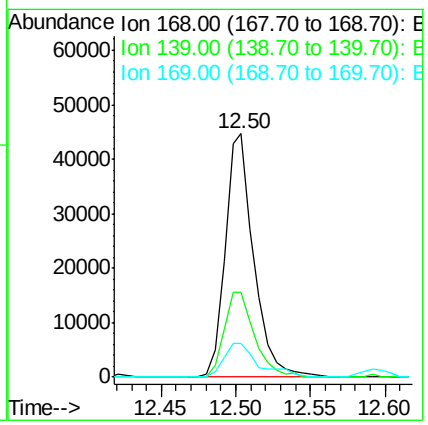


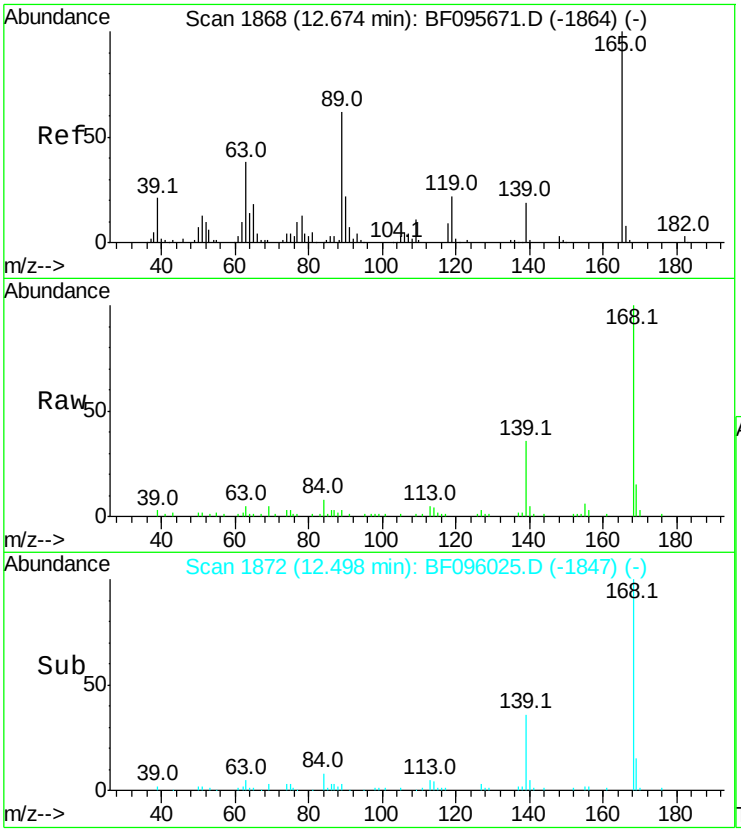


#54
Dibenzofuran
Concen: 6.63 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:168 Resp: 59615

Ion	Ratio	Lower	Upper
168	100		
139	34.8	30.6	45.8
169	13.6	10.8	16.2



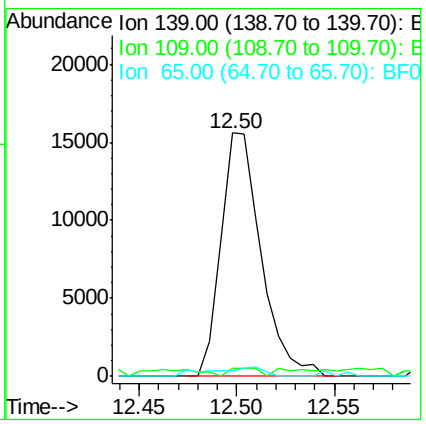


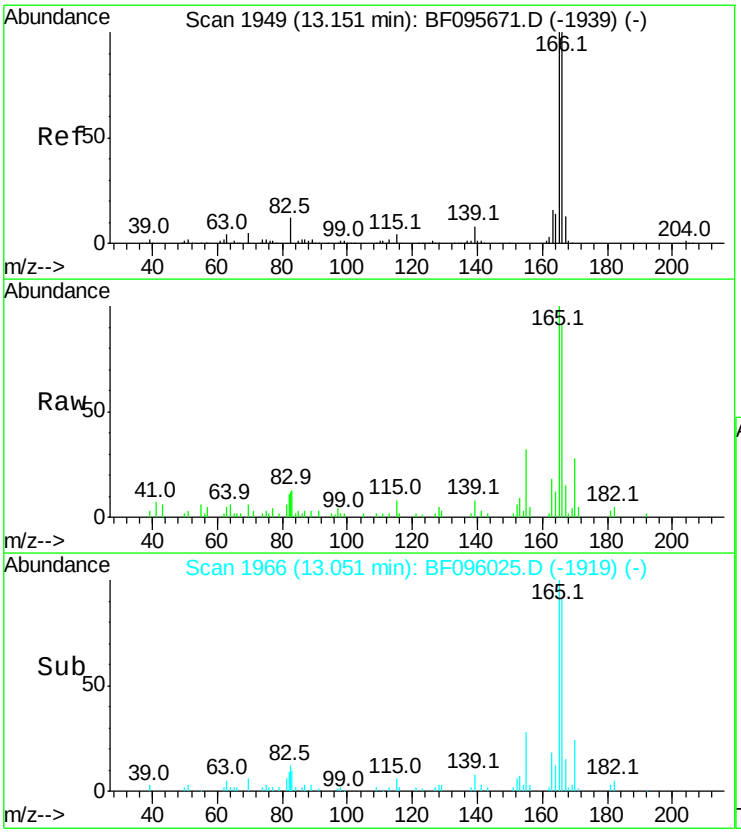
#55
4-Nitrophenol
Concen: 23.10 ng
RT: 12.50 min Scan# 1872
Delta R.T. -0.15 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 22197

Ion	Ratio	Lower	Upper
139	100		
109	3.1	34.1	74.1#
65	2.3	31.4	71.4#

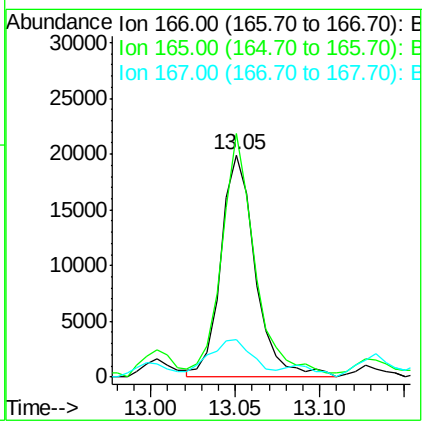


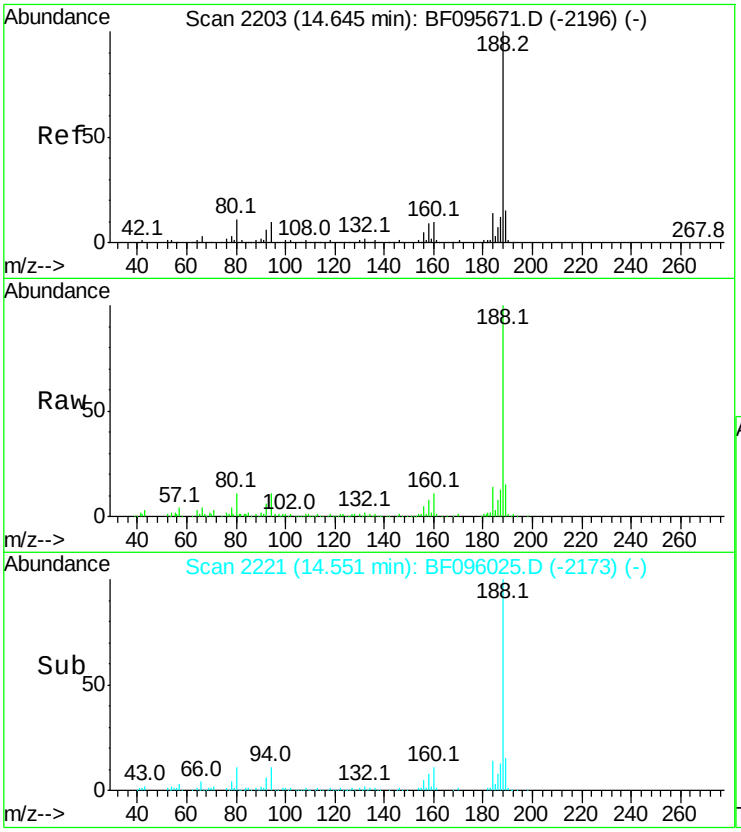


#57
Fluorene
Concen: 3.62 ng
RT: 13.05 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:166 Resp: 28311

Ion	Ratio	Lower	Upper
166	100		
165	109.5	78.8	118.2
167	16.8	10.6	16.0#



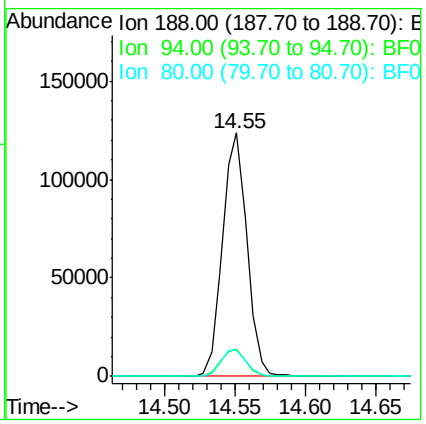


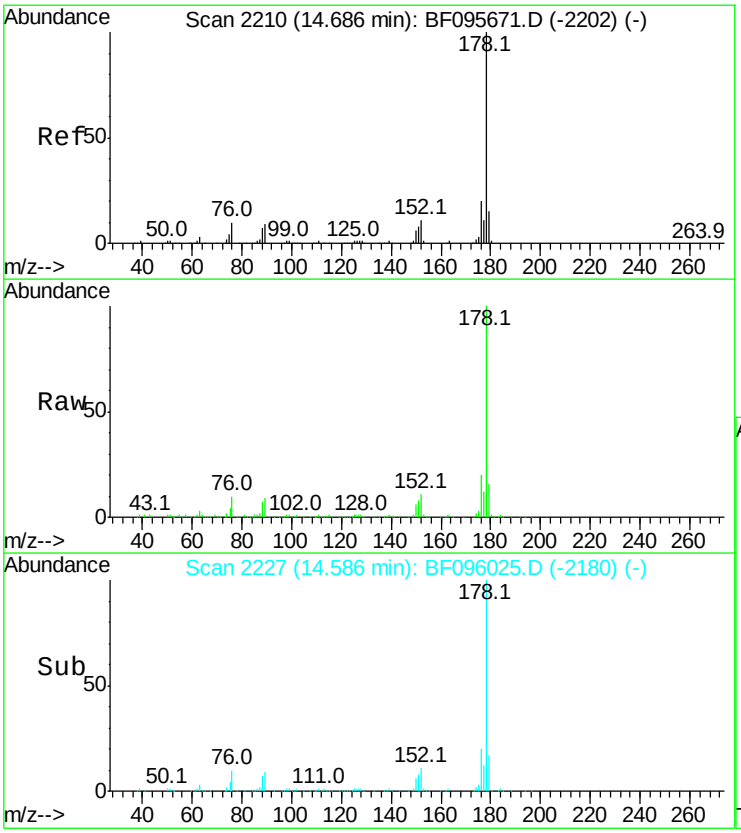
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 148417

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.0	10.2	15.2

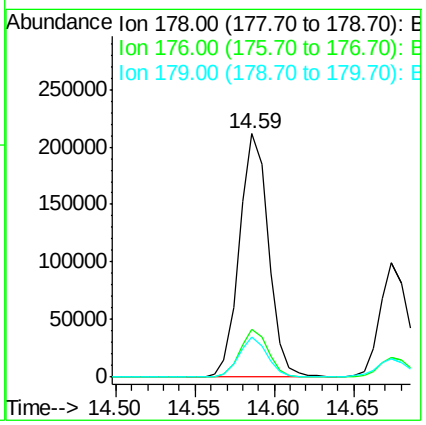


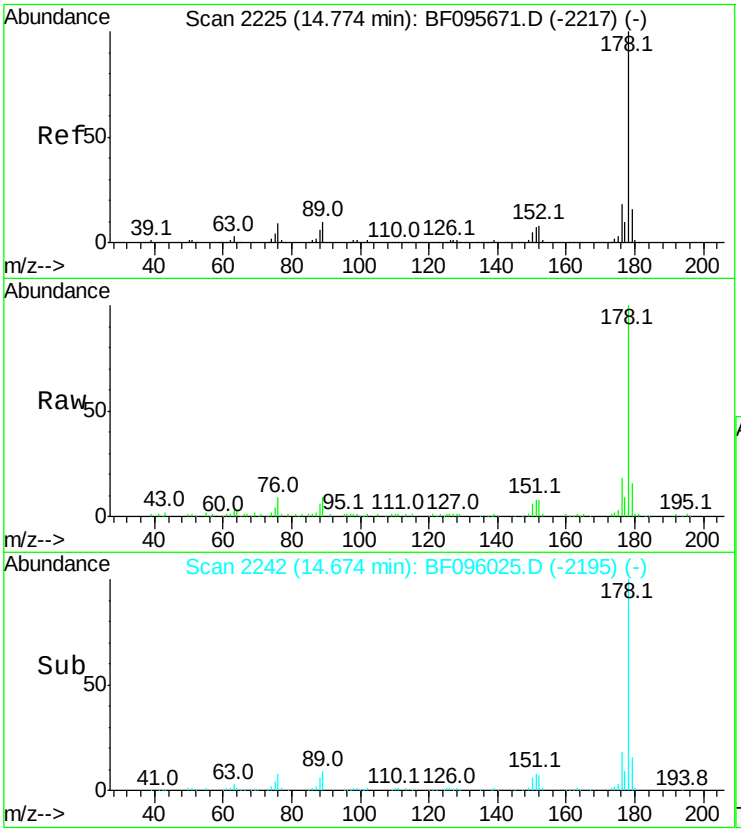


#70
Phenanthrene
Concen: 31.36 ng
RT: 14.59 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:178 Resp: 268510

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.5	12.6	19.0



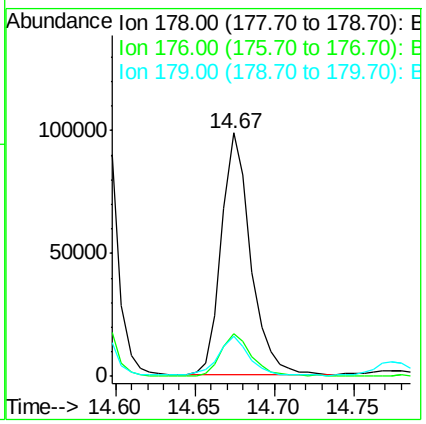


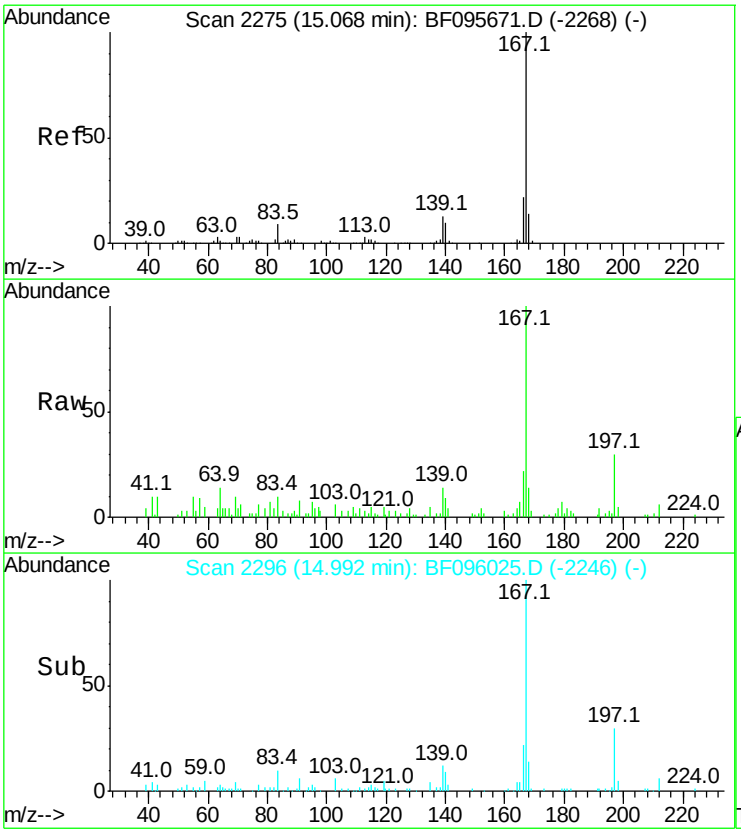
#71
Anthracene
Concen: 14.09 ng
RT: 14.67 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 125991

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	16.4	12.7	19.1

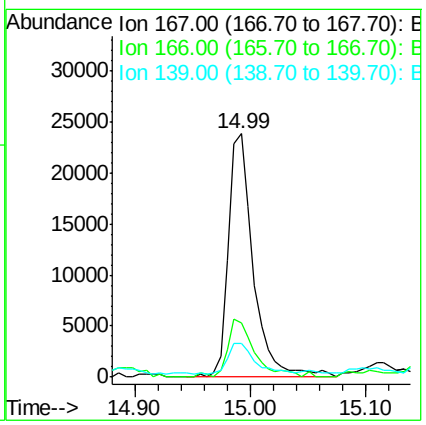


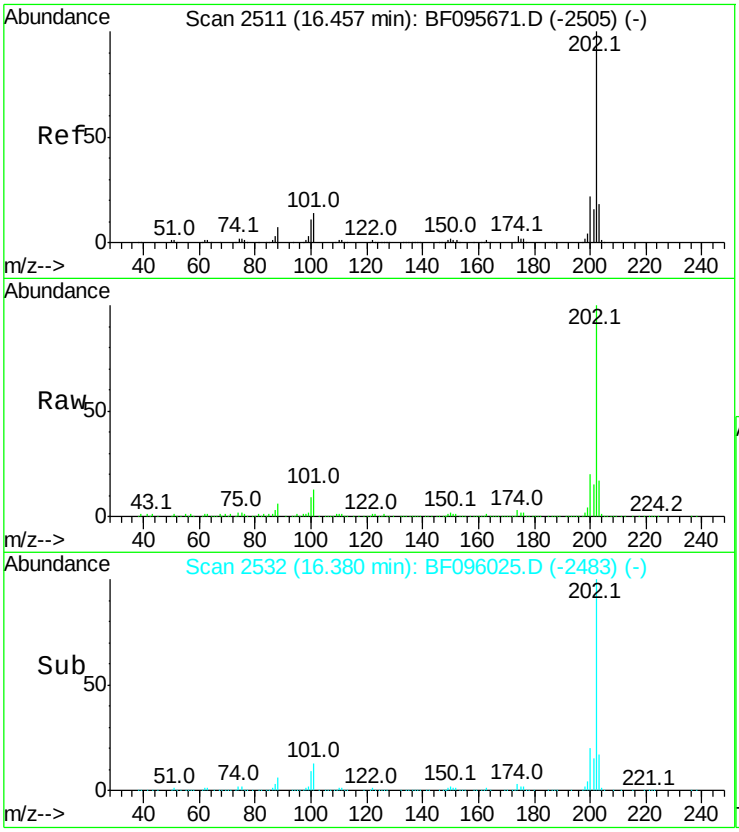


#72
Carbazole
Concen: 4.09 ng
RT: 14.99 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:167 Resp: 35654

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.8	11.7	17.5



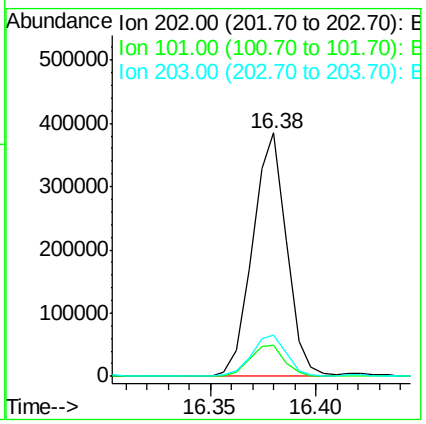


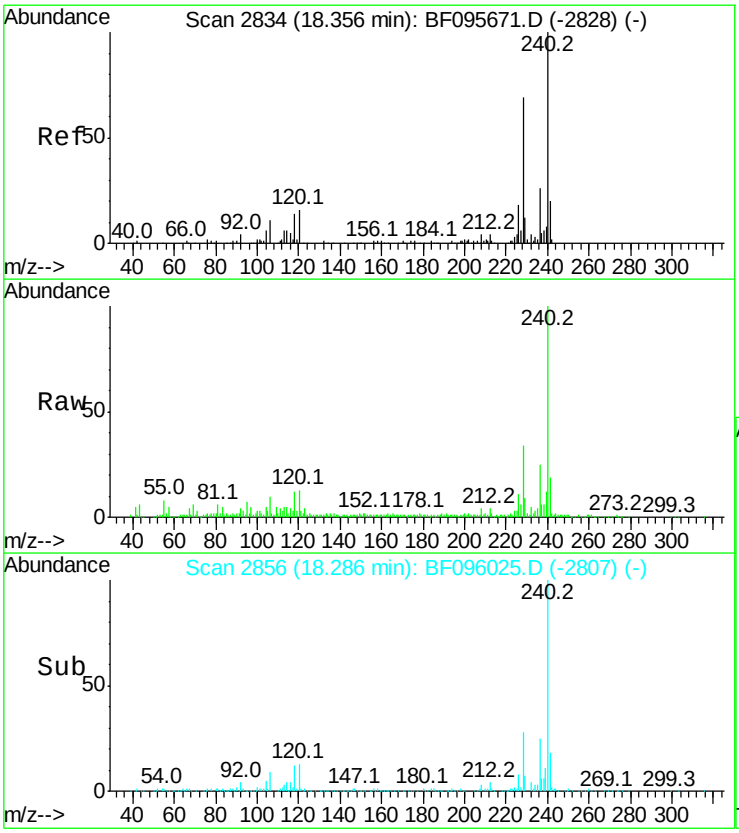
#74
Fluoranthene
Concen: 50.77 ng
RT: 16.38 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 430317

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.8	0.0	38.1

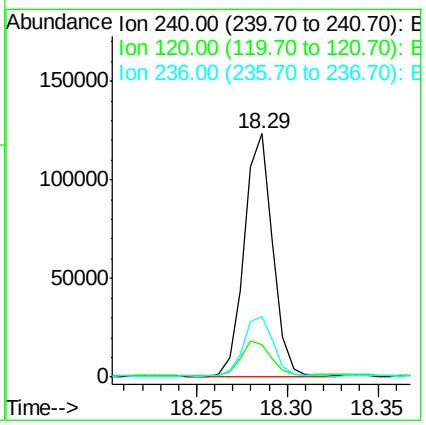


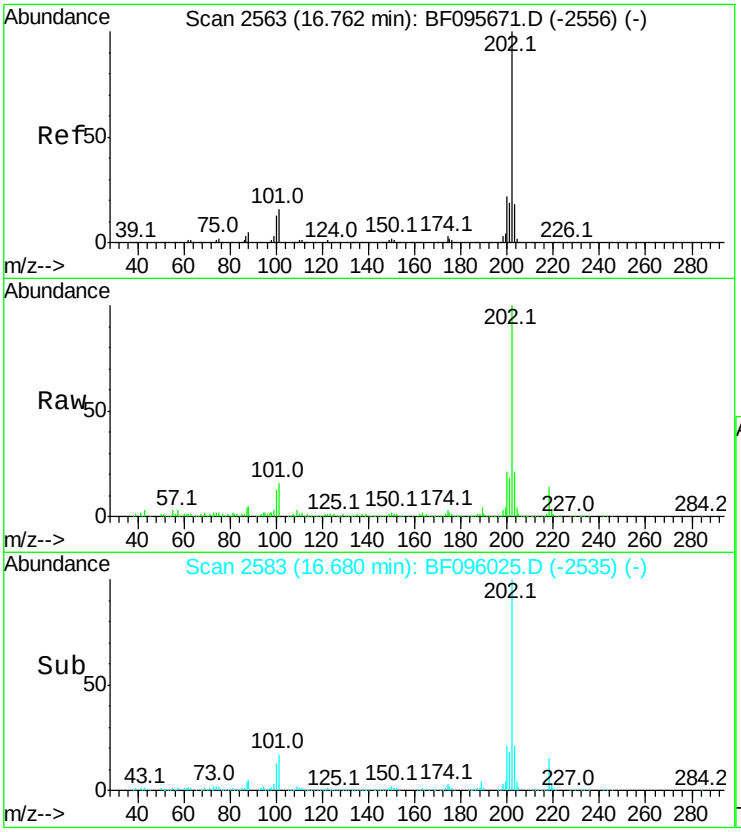


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:240 Resp: 133507

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.0	20.5	30.7



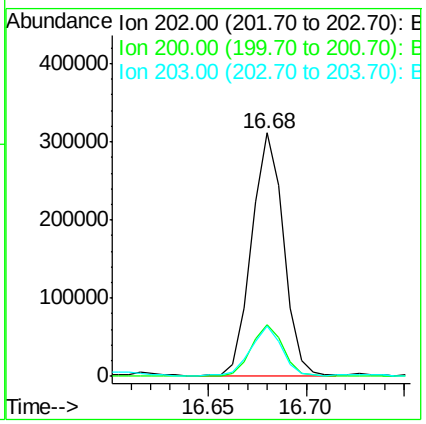


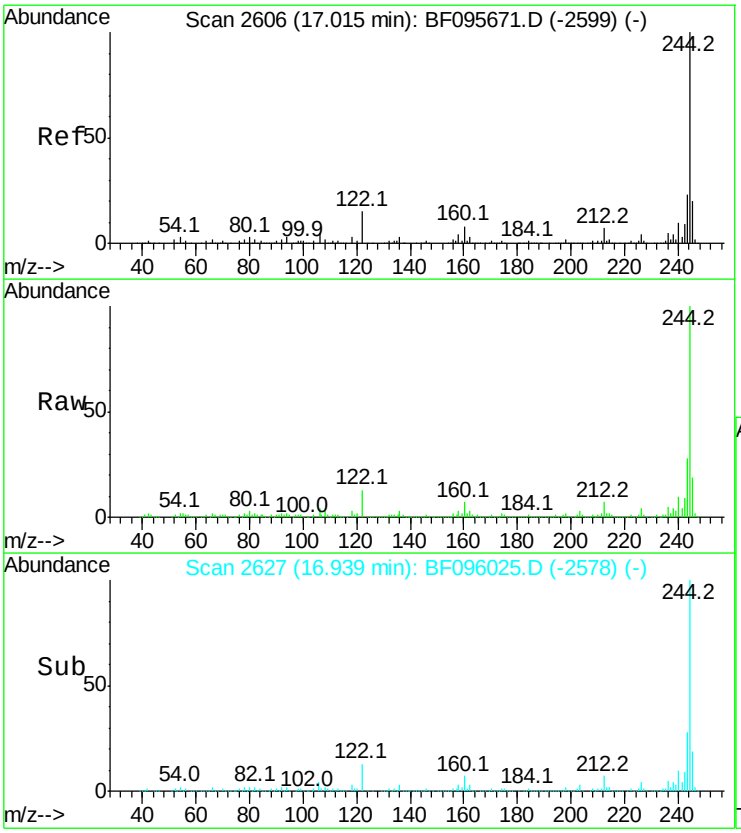
#77
Pyrene
Concen: 35.21 ng
RT: 16.68 min Scan# 2583
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 350786

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	20.6	14.4	21.6

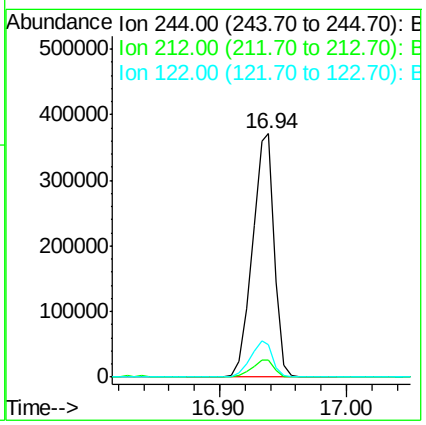


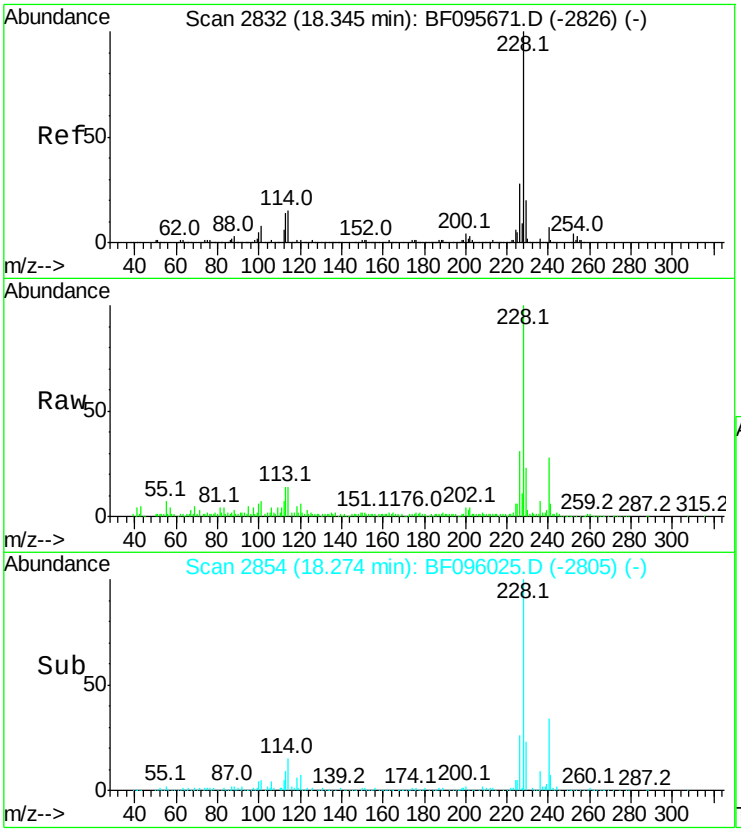


#78
Terphenyl-d14
Concen: 83.00 ng
RT: 16.94 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:244 Resp: 446487

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5



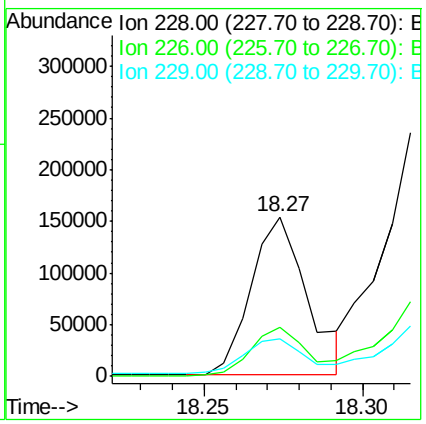


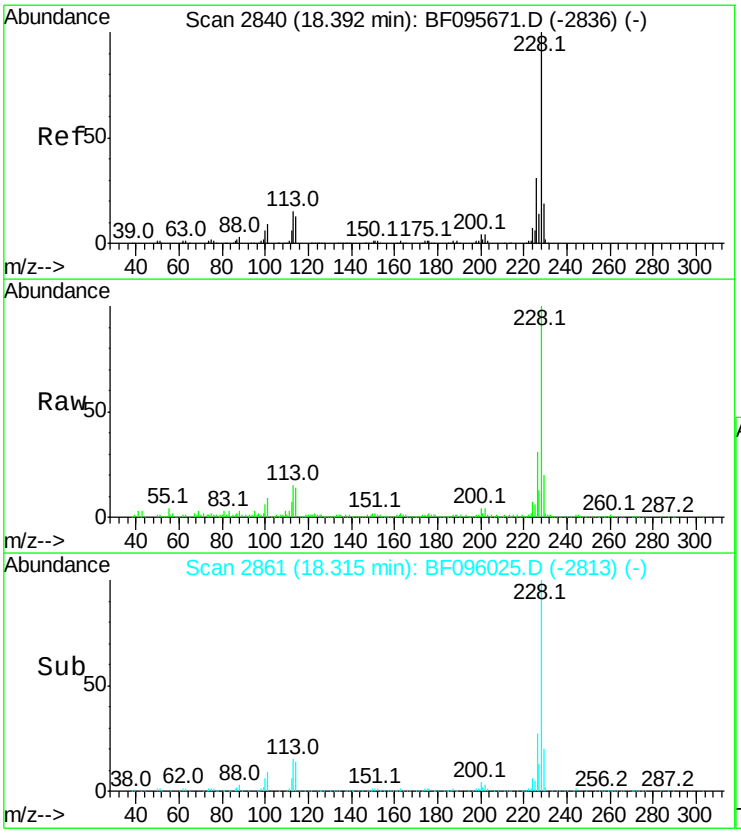
#80
Benzo(a)anthracene
Concen: 24.31 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 188723

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	23.5	16.3	24.5

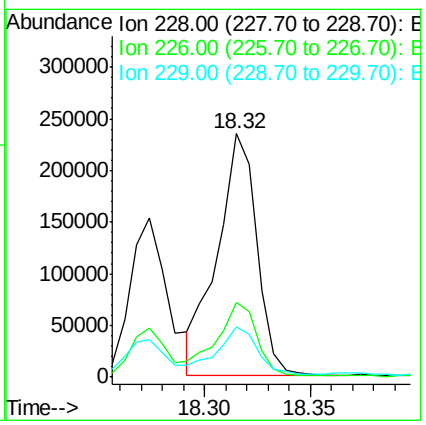


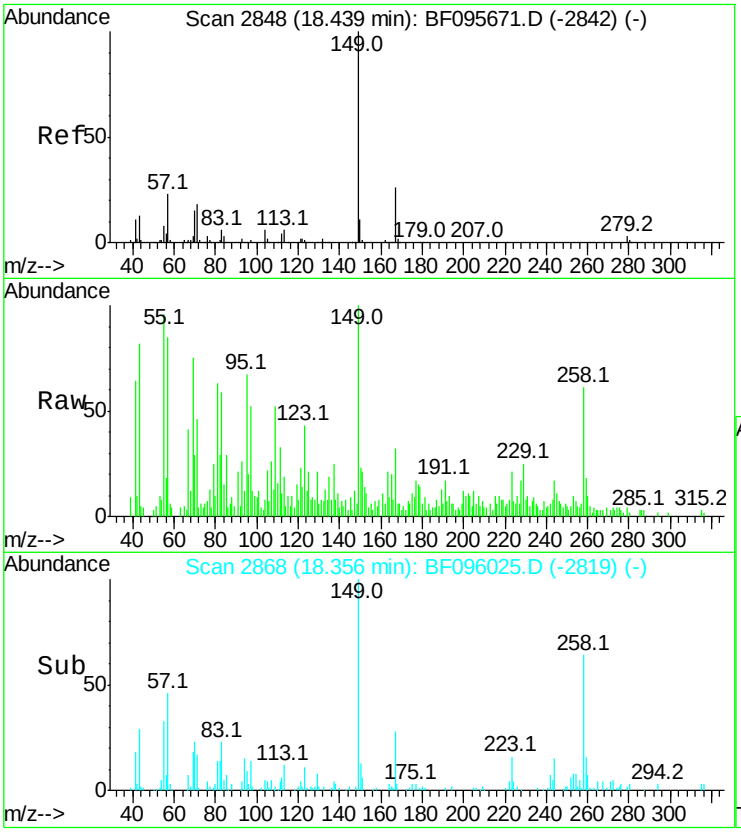


#82
Chrysene
Concen: 39.01 ng
RT: 18.32 min Scan# 2861
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:228 Resp: 302587

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.5	15.8	23.6



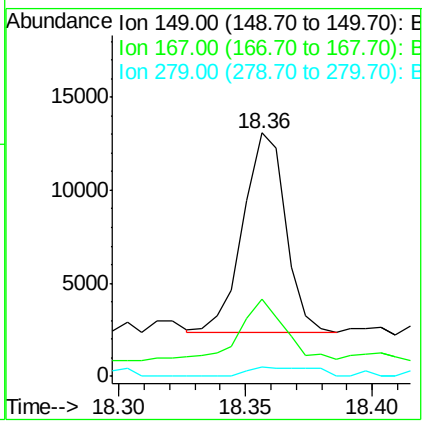


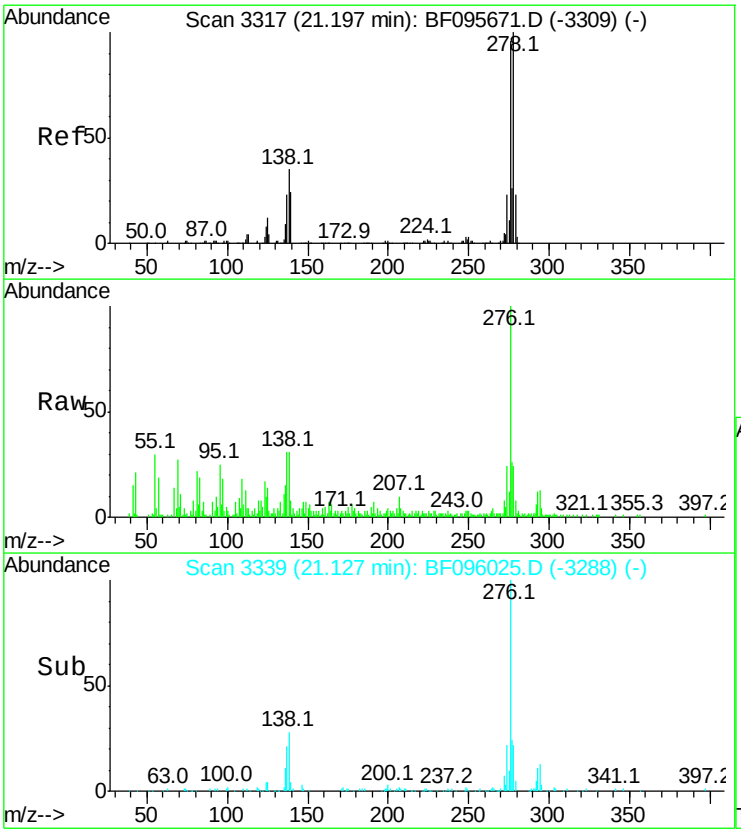
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.07 ng
RT: 18.36 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 12693

Ion	Ratio	Lower	Upper
149	100		
167	31.6	21.0	31.4#
279	3.7	1.9	2.9#

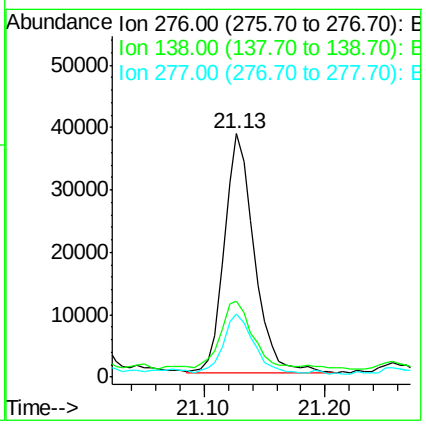


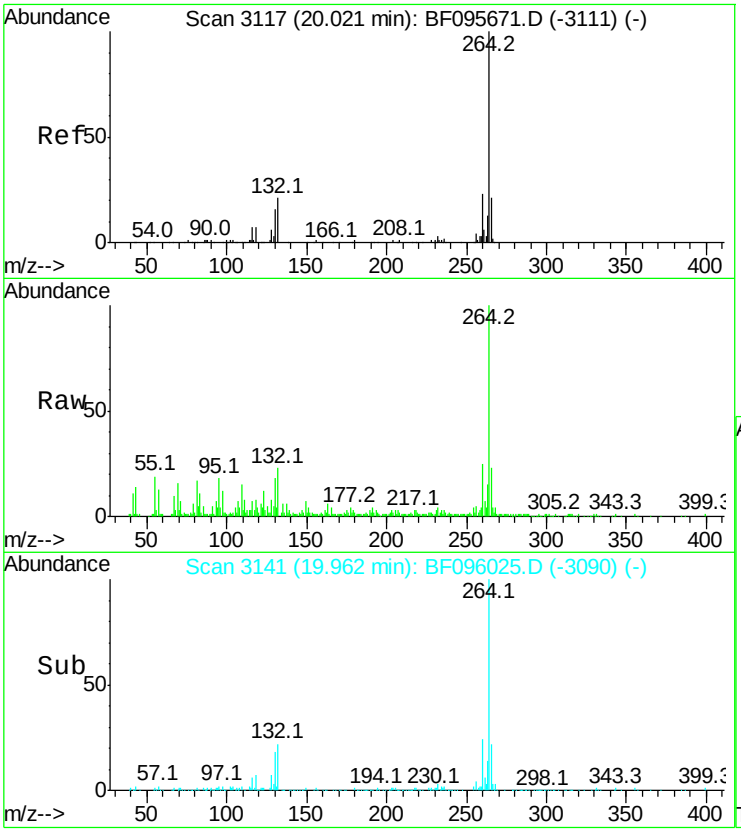


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.05 ng
RT: 21.13 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:276 Resp: 66711

Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	23.9	20.2	30.4



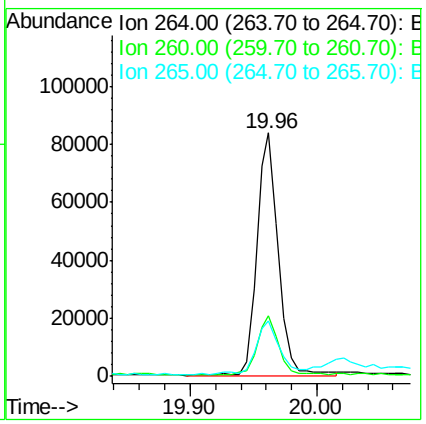


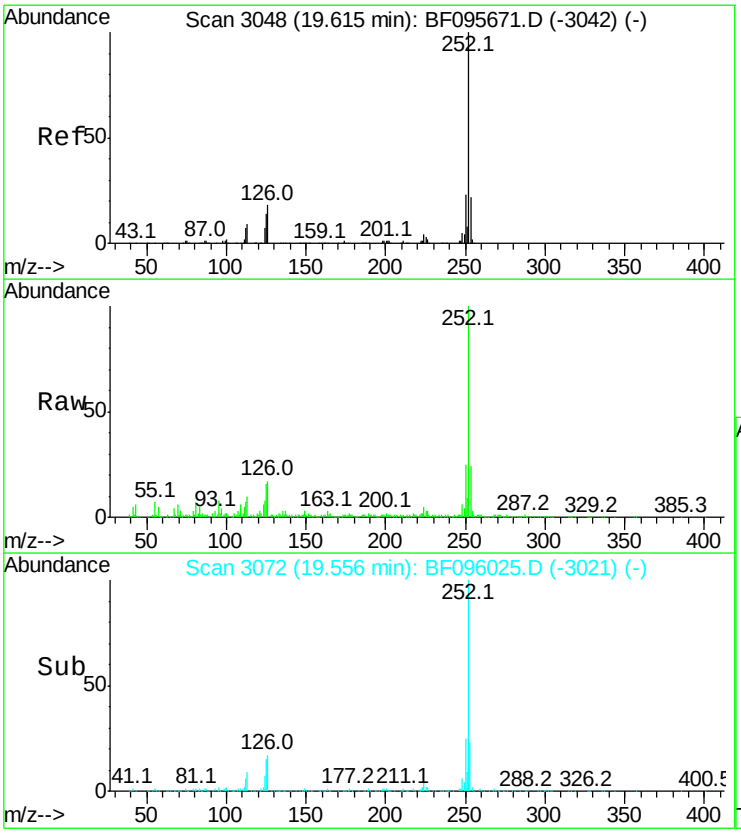
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 97911

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.7	17.2	25.8

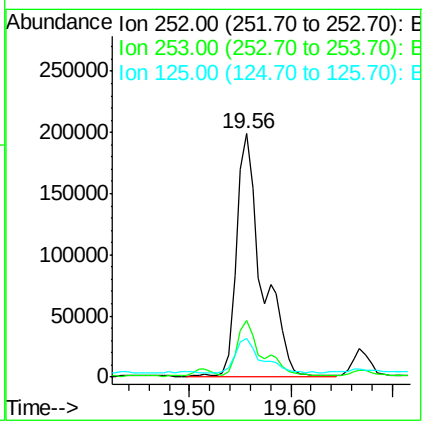


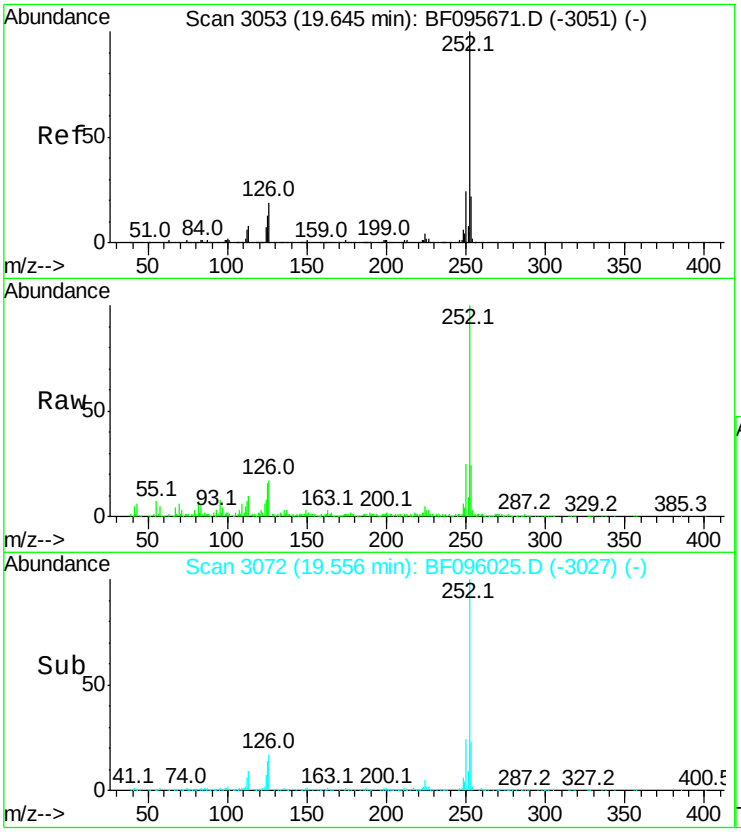


#87
Benzo(b)fluoranthene
Concen: 55.92 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:252 Resp: 342855

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	16.2	9.8	14.8#



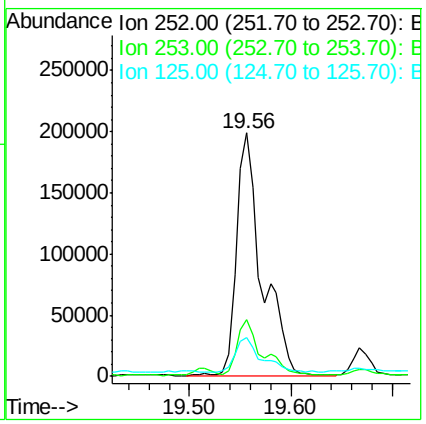


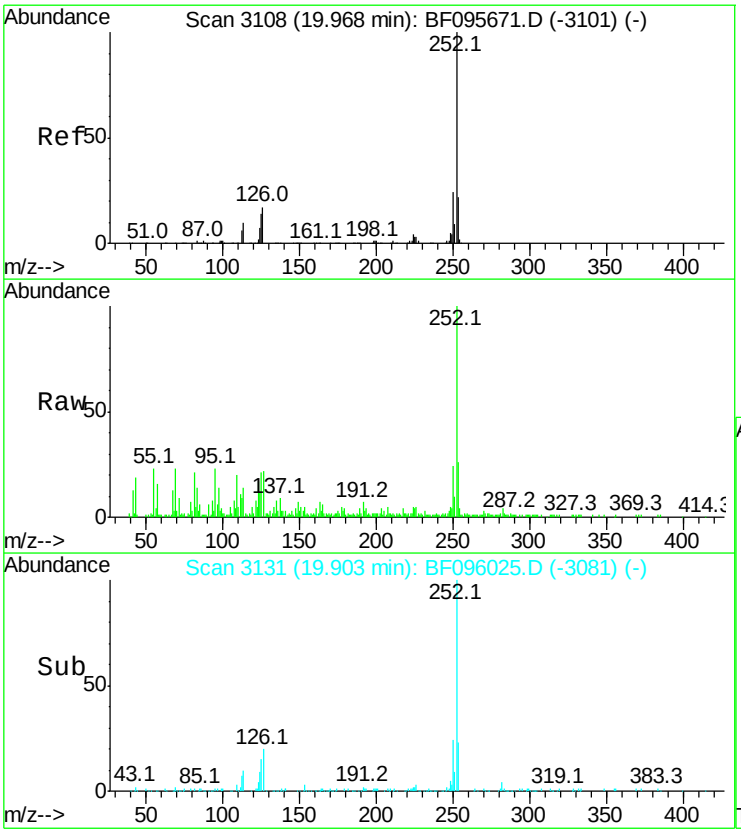
#88
Benzo(k)fluoranthene
Concen: 58.51 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.04 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 342855

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	16.2	13.1	19.7

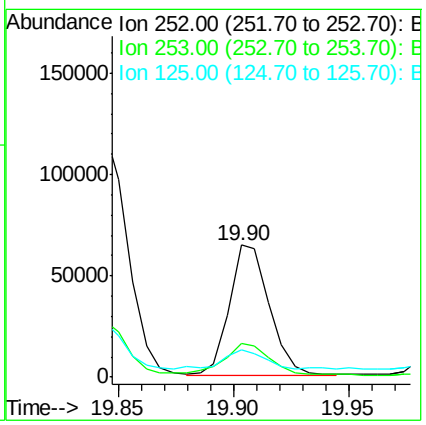


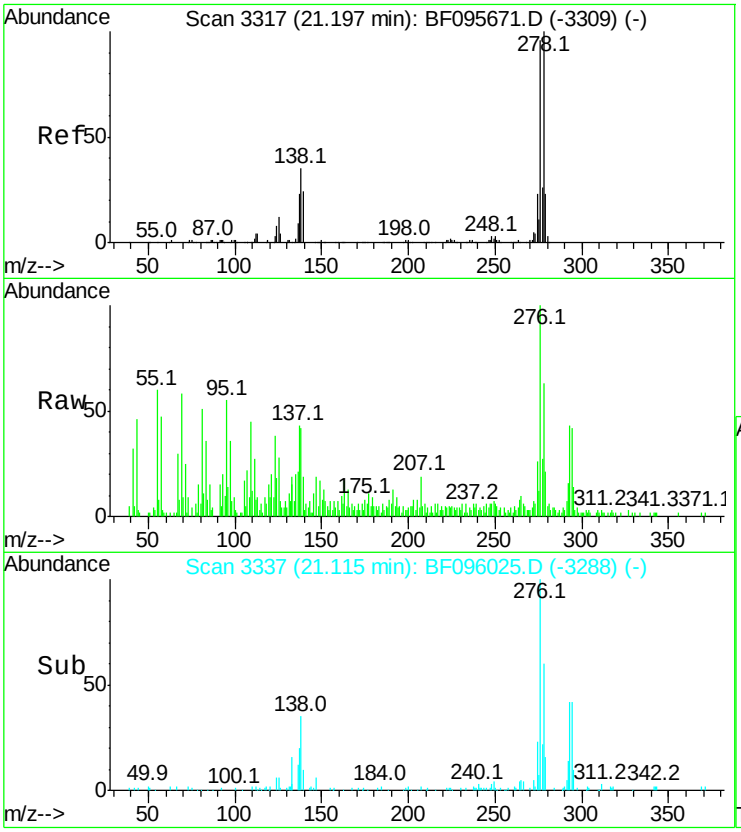


#89
Benzo(a)pyrene
Concen: 13.89 ng
RT: 19.90 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:252 Resp: 78282

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	20.5	11.0	16.4#



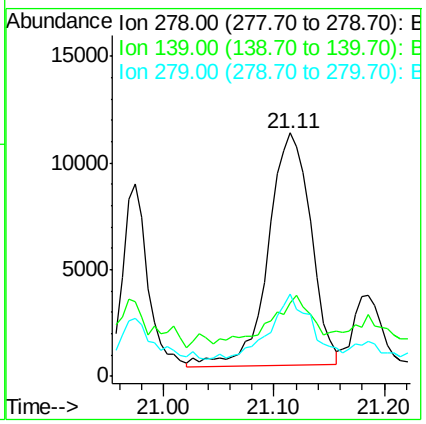


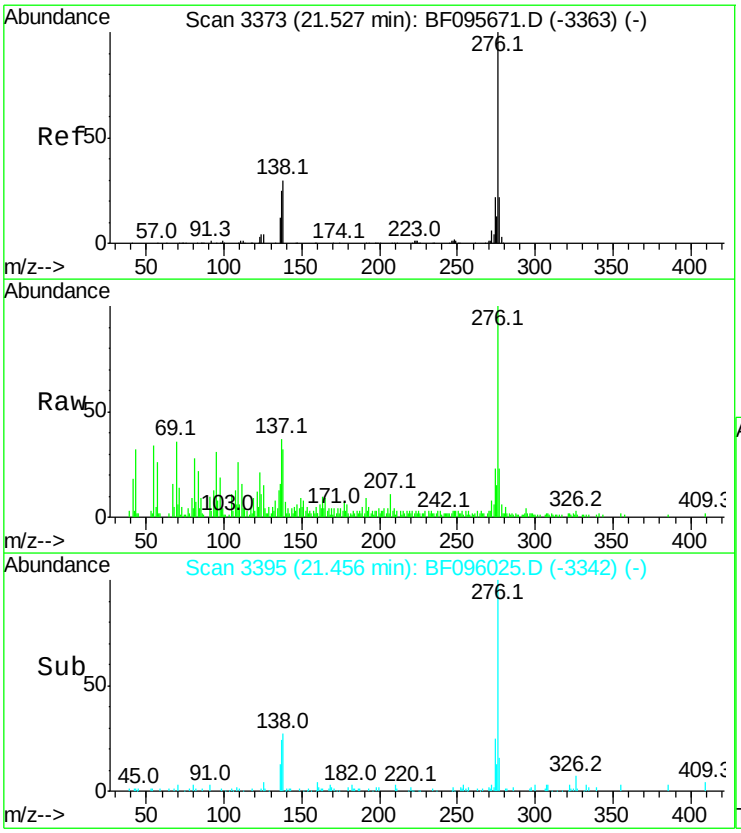
#90
Dibenzo(a,h)anthracene
Concen: 6.08 ng
RT: 21.11 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 29045

Ion	Ratio	Lower	Upper
278	100		
139	30.3	16.6	24.8#
279	33.9	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.32 ng
RT: 21.46 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:276 Resp: 55179

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	32.4	25.4	38.0