Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (LSC Reviewed)

Data File : BF095834.D
Acq On : 9 Jun 2017 22:02
Operator : SJ/MA
Sample : I3575-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-060817-B

Quant Time: Jun 10 02:29:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	69123	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	283467	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	121591	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	191406	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	142148	20.00	ng		-0.02
86) Perylene-d12	20.00	264	122975	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	424912	97.95	ng		-0.03
7) Phenol-d6	6.93	99	534681	102.96	ng		-0.03
23) Nitrobenzene-d5	8.29	82	310285	67.98	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	98363	91.43	ng		-0.04
44) 2-Fluorobiphenyl	11.18	172	567174	64.91	ng		-0.04
78) Terphenyl-d14	16.99	244	363503	63.46	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.95	94	11402	2.12	ng	#	47
49) Dimethylphthalate	11.87	163	77025	8.34	ng		98
51) Acenaphthene	12.27	154	16330	2.11	ng		94
57) Fluorene	13.12	166	24419	2.58	ng	#	93
70) Phenanthrene	14.65	178	262212	23.74	ng		97
71) Anthracene	14.74	178	53507m	4.64	ng		
72) Carbazole	15.06	167	25284	2.25	ng		98
74) Fluoranthene	16.43	202	249910	22.86	ng		99
77) Pyrene	16.73	202	187015	17.63	ng	#	94
80) Benzo(a)anthracene	18.32	228	98196	11.88	ng		98
82) Chrysene	18.37	228	96289	11.66	ng		99
83) Bis(2-ethylhexyl)phthalate	18.41	149	14525	2.22	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.19	276	27930	3.95	ng		96
87) Benzo(b)fluoranthene	19.60	252	93392	12.13	ng	#	95
88) Benzo(k)fluoranthene	19.63	252	27171m	3.69	ng		
89) Benzo(a)pyrene	19.95	252	57125	8.07	ng	#	94
90) Dibenzo(a,h)anthracene	21.18	278	12175m	2.03	ng		
91) Benzo(g,h,i)perylene	21.53	276	26545	4.34	ng	#	90

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

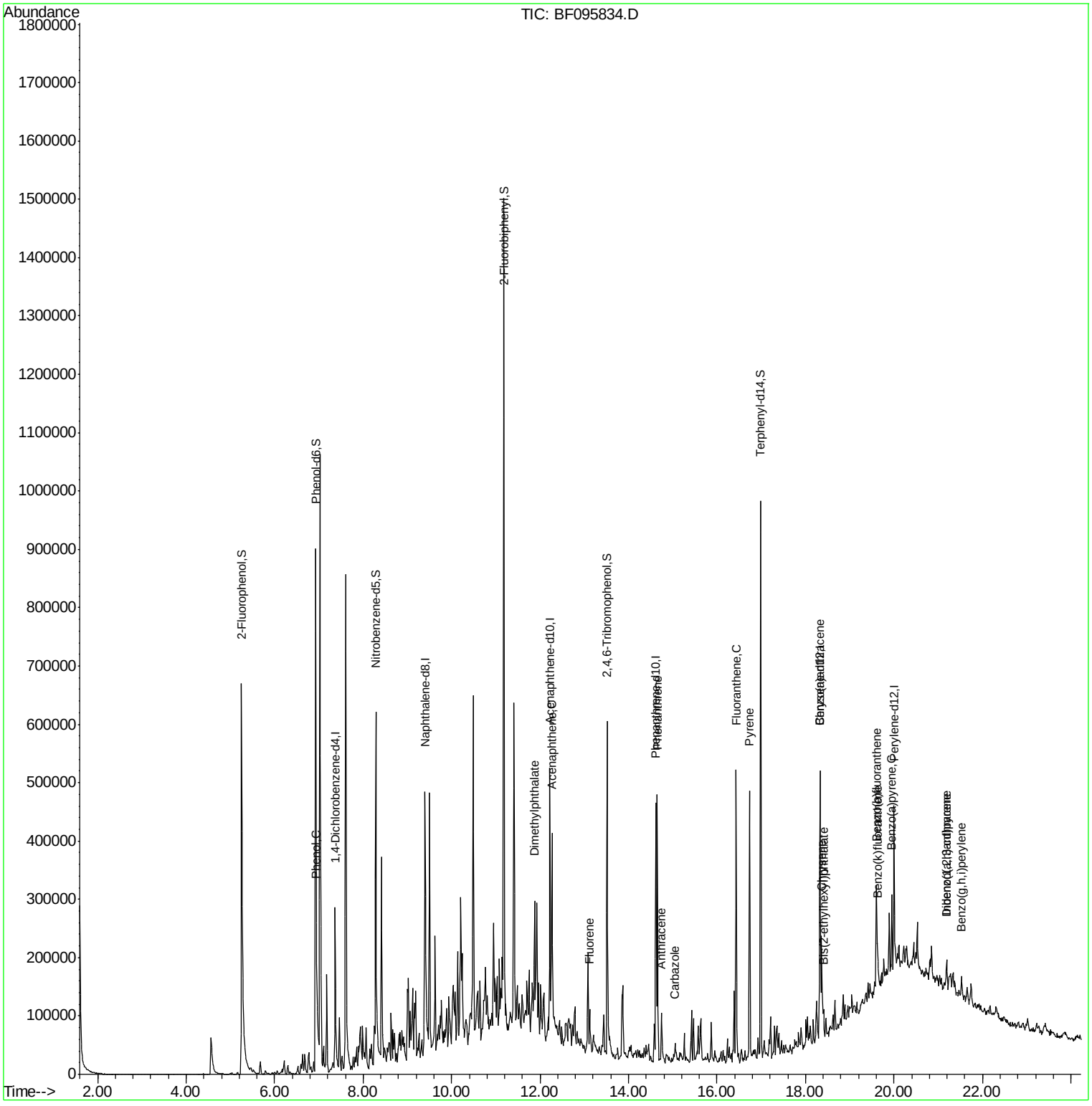
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

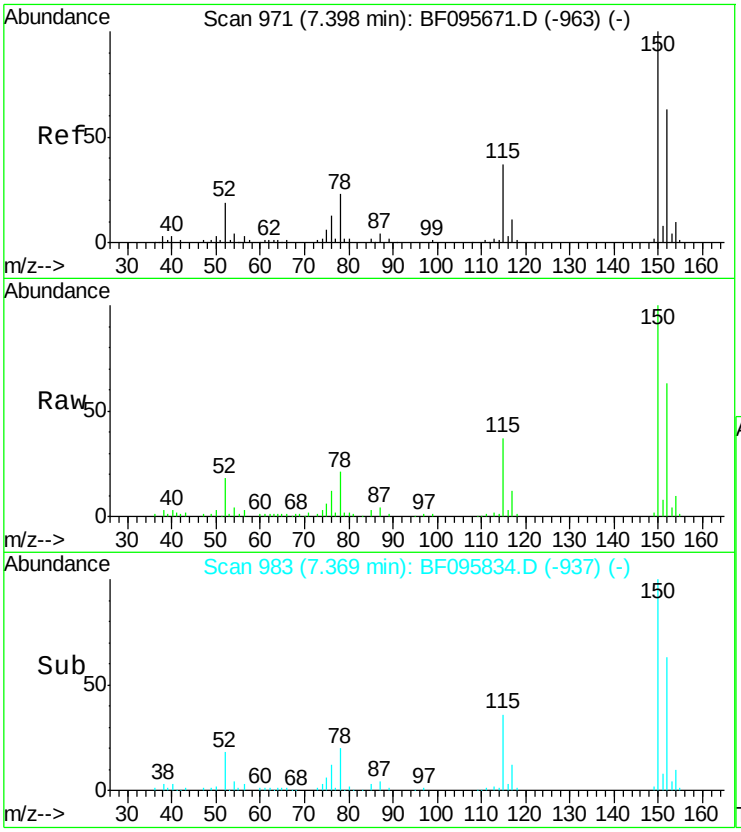
Quantitation Report (LSC Reviewed)

Data File : BF095834.D
Acq On : 9 Jun 2017 22:02
Operator : SJ/MA
Sample : I3575-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-060817-B

Quant Time: Jun 10 02:29:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



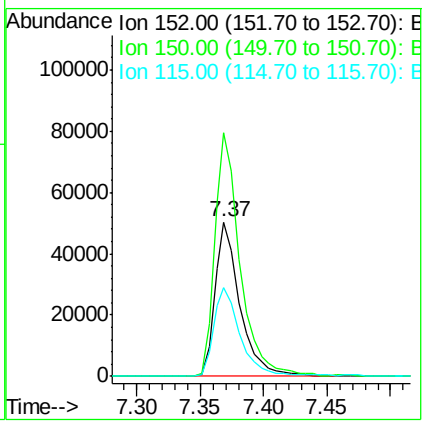


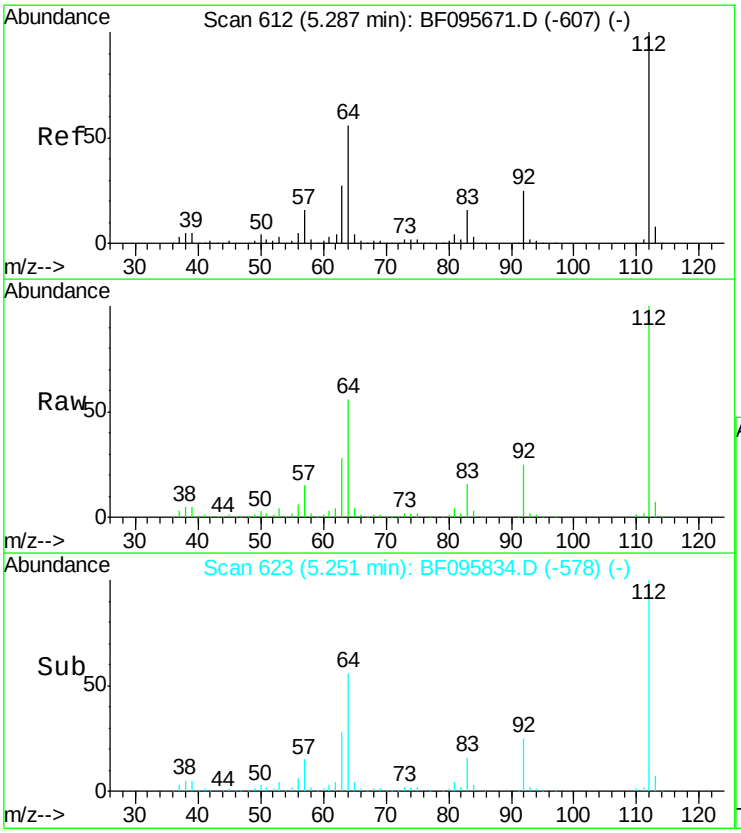
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:152 Resp: 69123

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	57.6	52.2	78.2

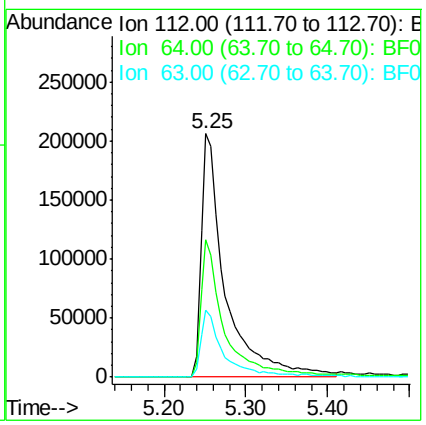


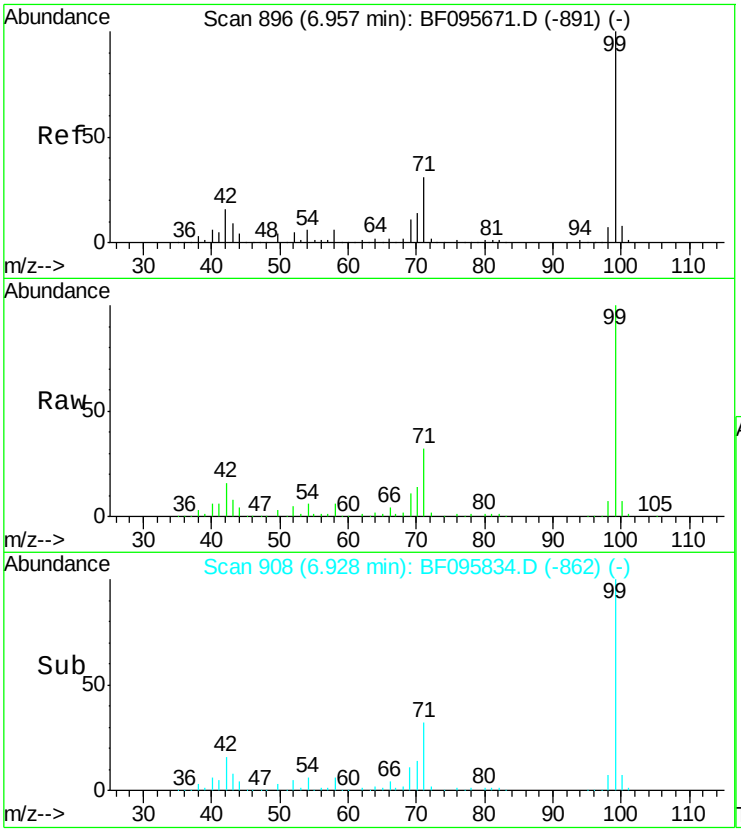


#5
2-Fluorophenol
Concen: 97.95 ng
RT: 5.25 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:112 Resp: 424912

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	27.5	23.4	35.0



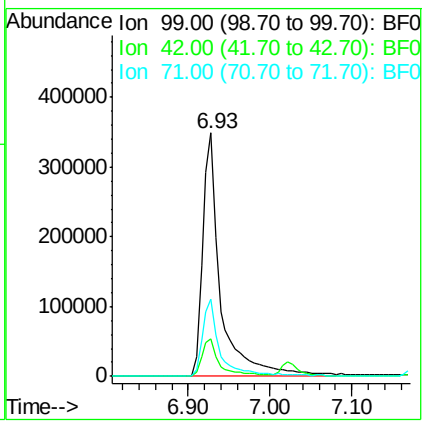


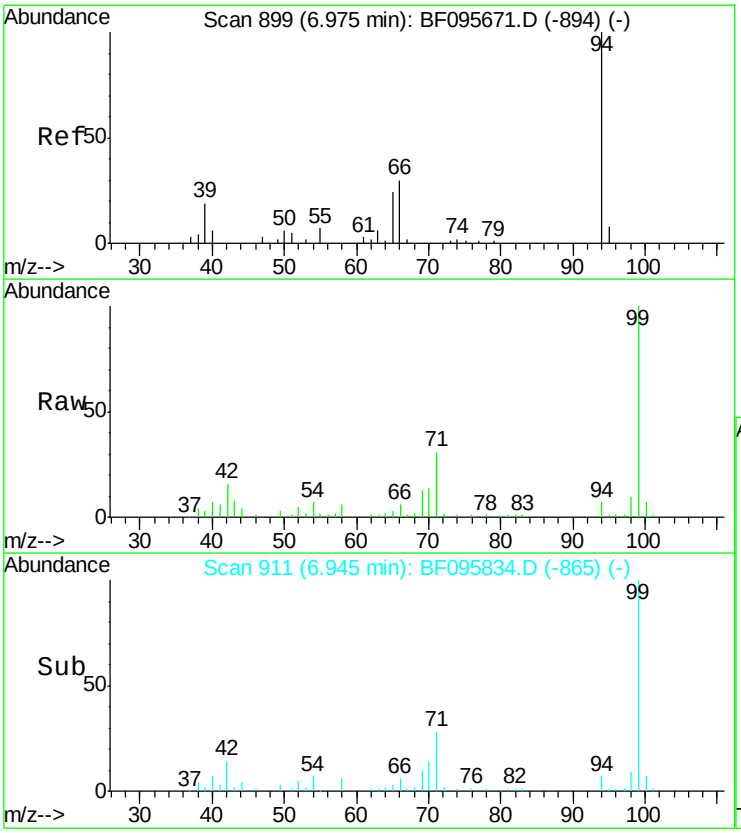
#7
Phenol-d6
Concen: 102.96 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion: 99 Resp: 534681

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.8	24.5	36.7

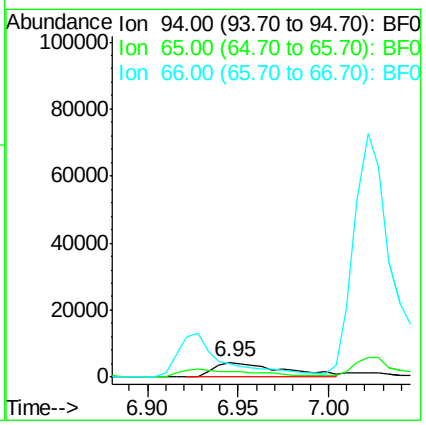


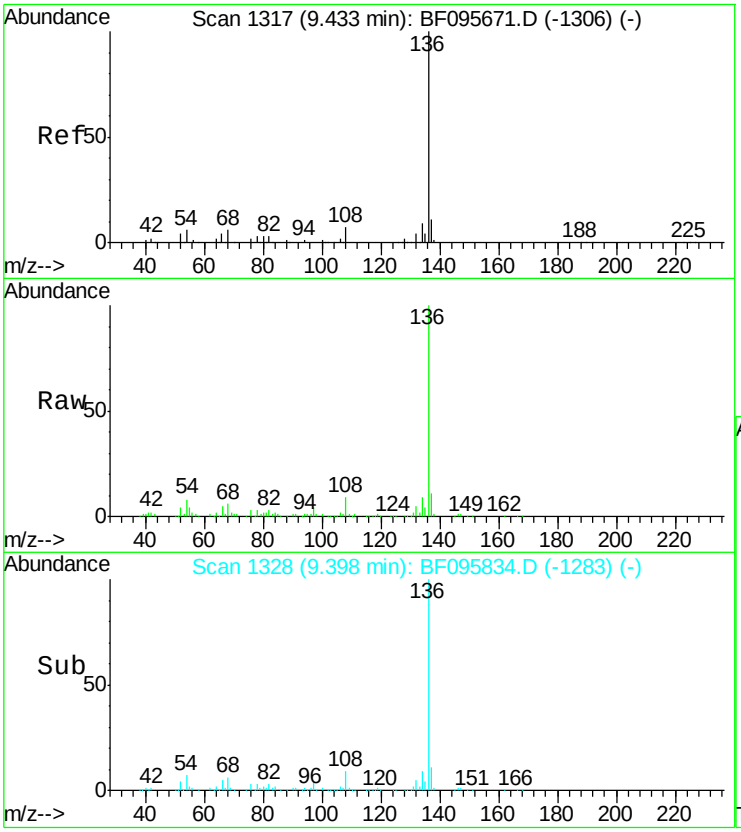


#10
Phenol
Concen: 2.12 ng
RT: 6.95 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion: 94 Resp: 11402

Ion	Ratio	Lower	Upper
94	100		
65	39.1	9.9	49.9
66	93.0	23.1	63.1#



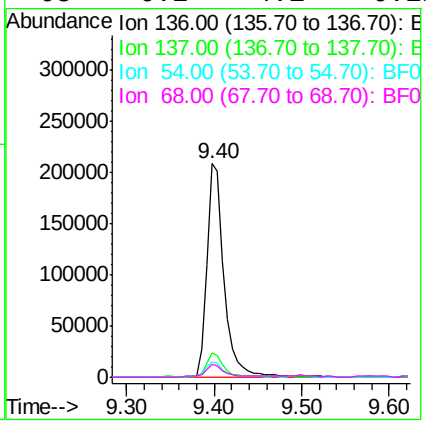


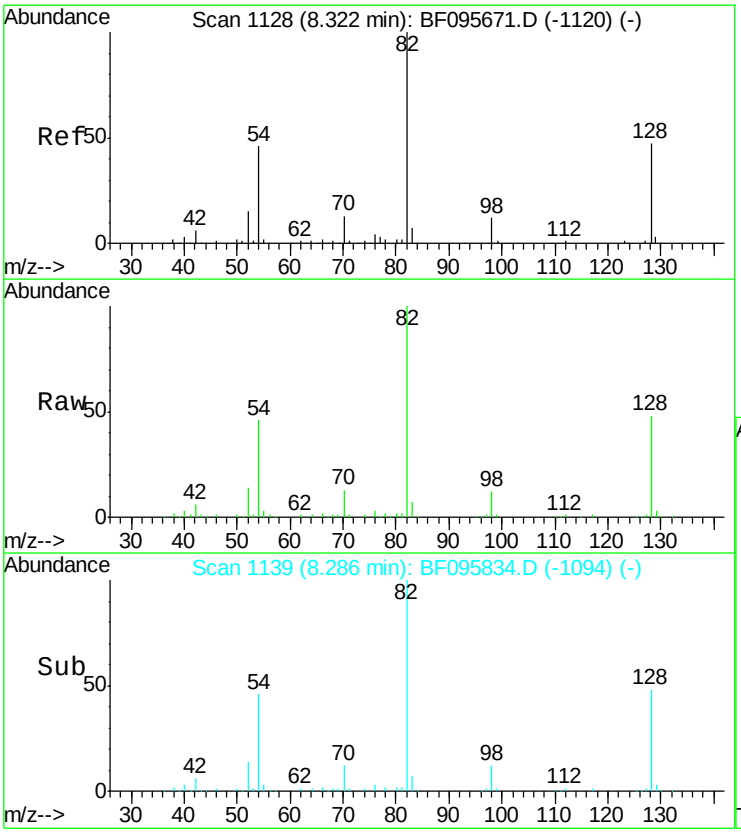
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:136 Resp: 283467

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.5	4.9	7.3#
68	6.2	4.1	6.1#

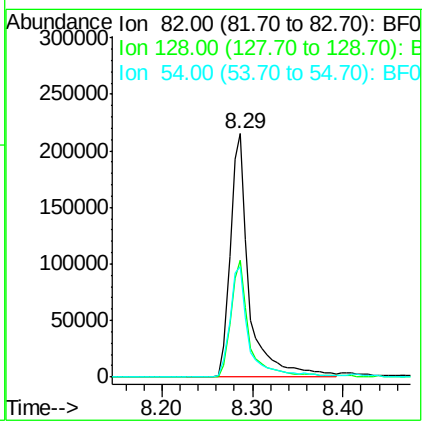


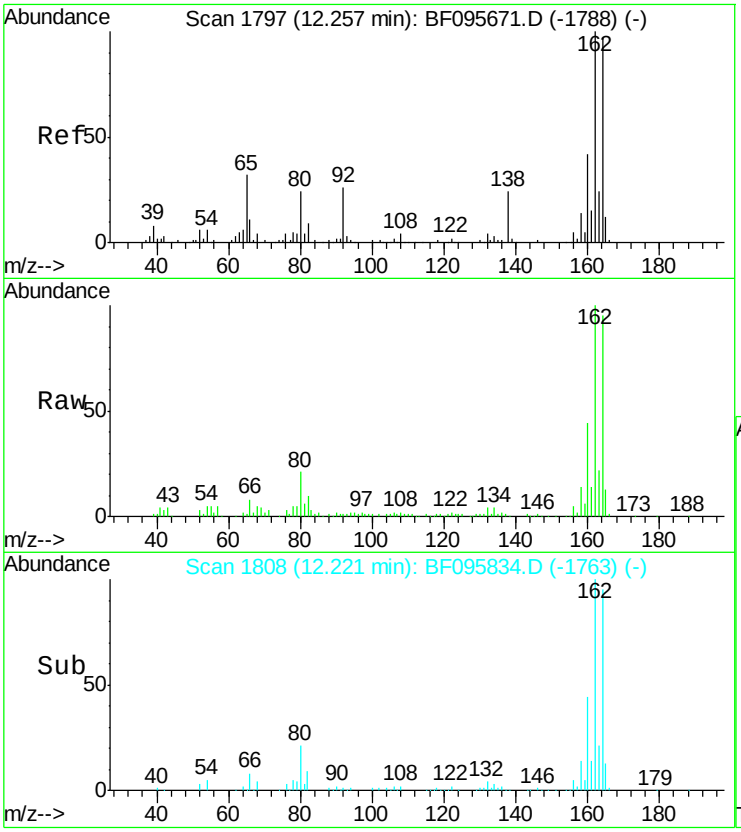


#23
Nitrobenzene-d5
Concen: 67.98 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion: 82 Resp: 310285

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	45.6	42.2	63.2



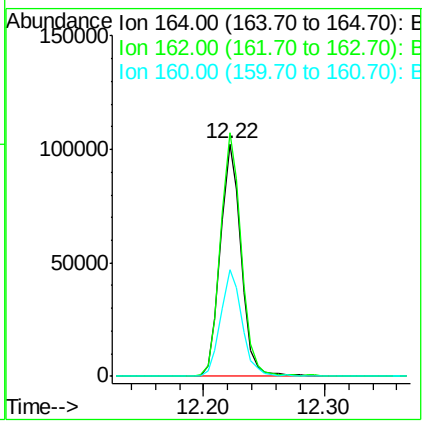


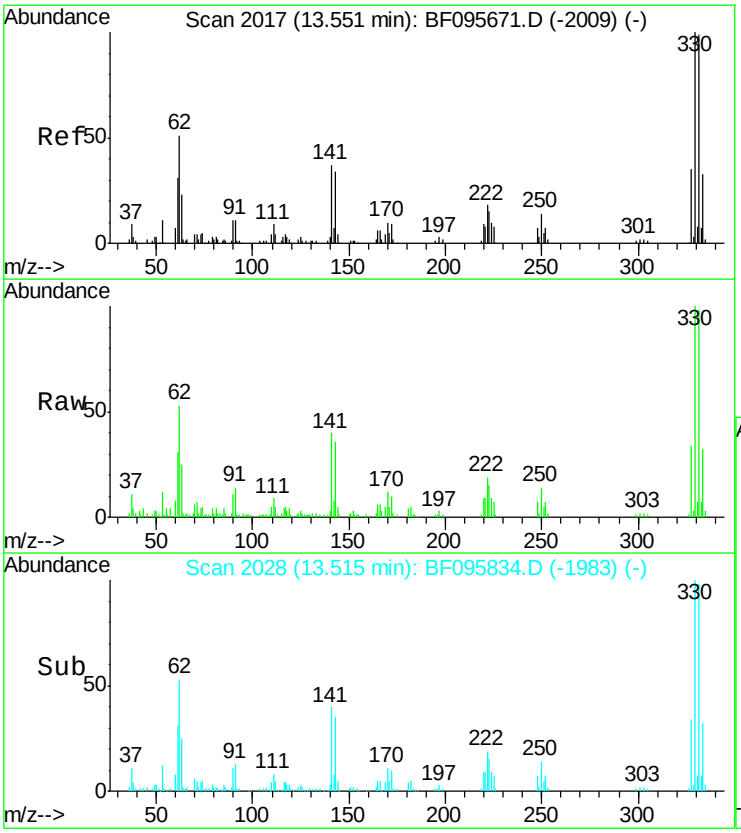
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:164 Resp: 121591

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	46.1	36.2	54.2

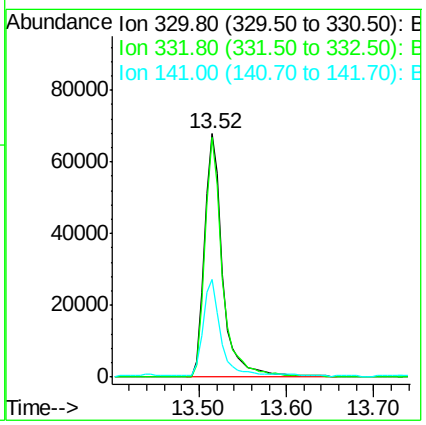


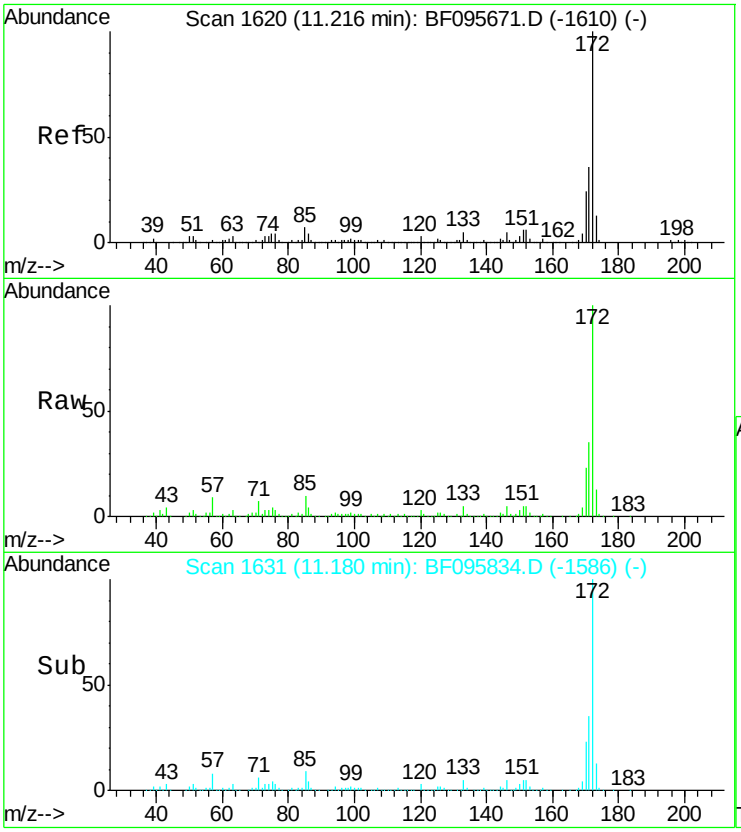


#41
2,4,6-Tribromophenol
Concen: 91.43 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:330 Resp: 98363

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	37.2	31.4	47.2



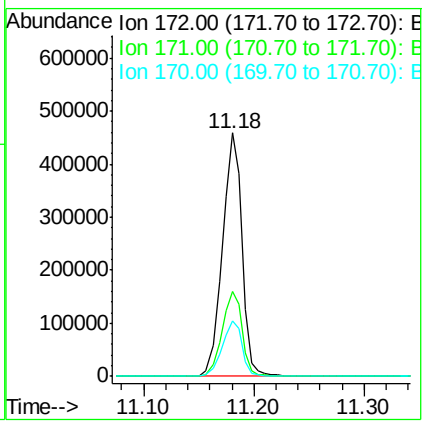


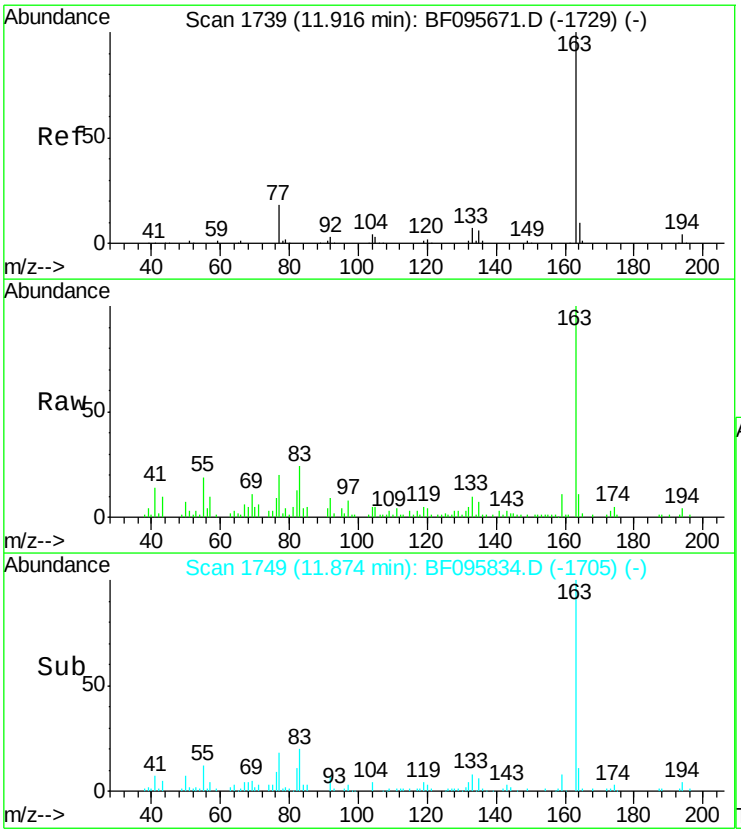
#44
2-Fluorobiphenyl
Concen: 64.91 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:172 Resp: 567174

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.0	19.8	29.8

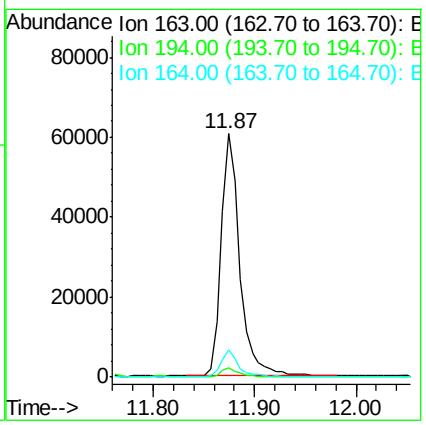


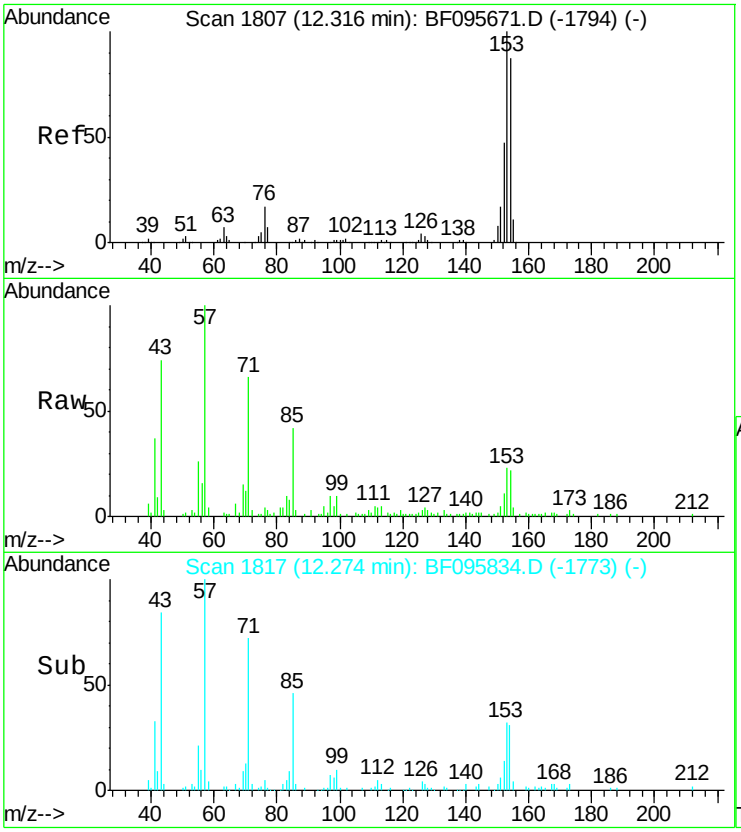


#49
Dimethylphthalate
Concen: 8.34 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:163 Resp: 77025

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	11.4	8.4	12.6



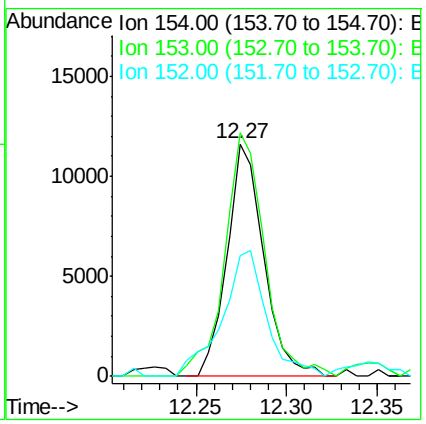


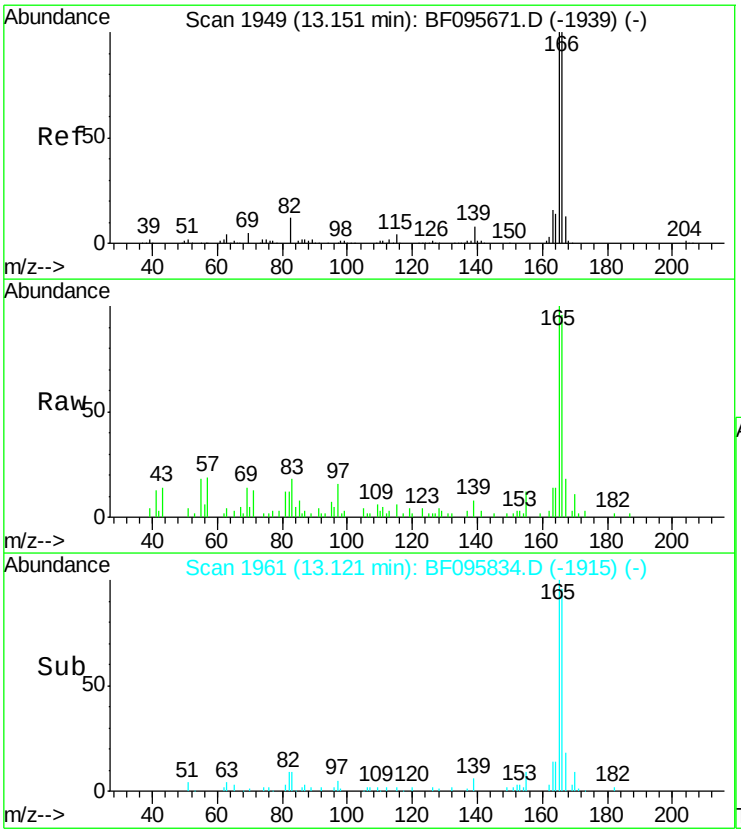
#51
Acenaphthene
Concen: 2.11 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:154 Resp: 16330

Ion	Ratio	Lower	Upper
154	100		
153	104.8	90.5	135.7
152	52.0	43.6	65.4

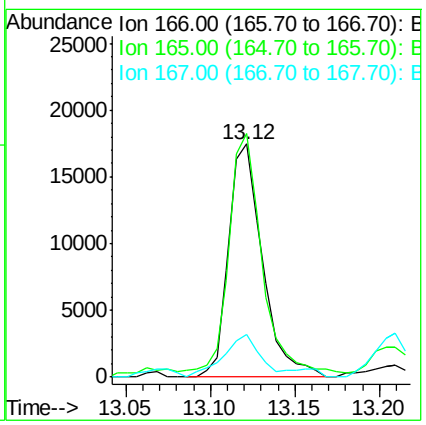


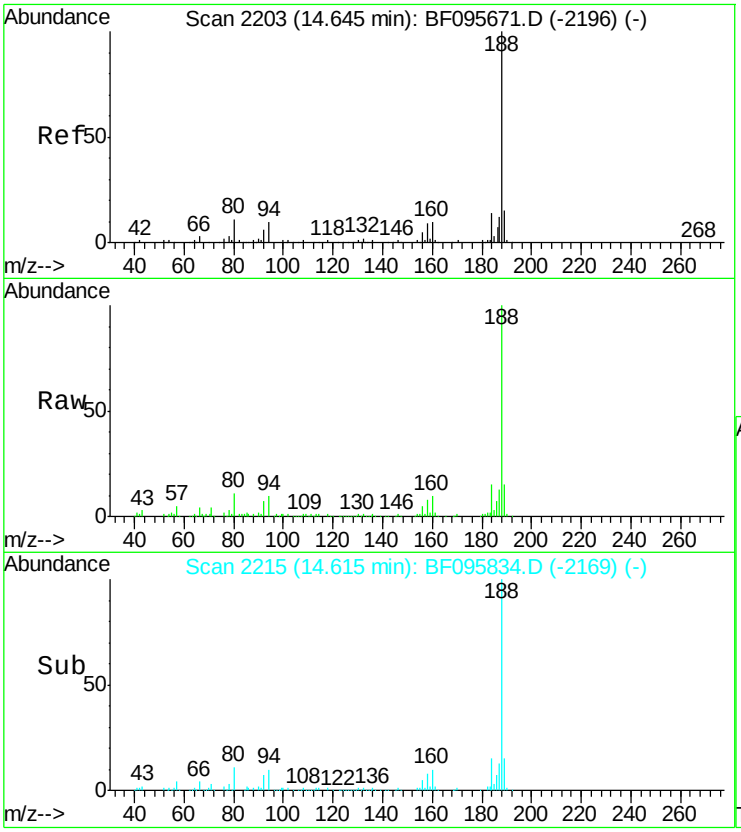


#57
Fluorene
Concen: 2.58 ng
RT: 13.12 min Scan# 1961
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:166 Resp: 24419

Ion	Ratio	Lower	Upper
166	100		
165	104.5	78.8	118.2
167	18.4	10.6	16.0#



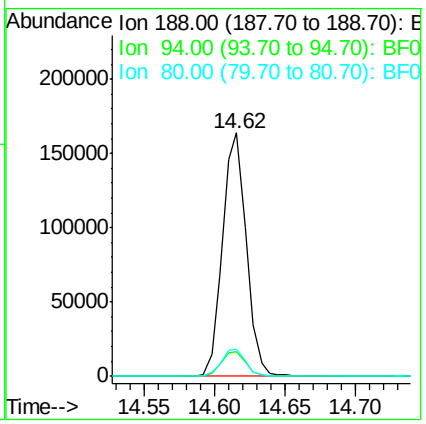


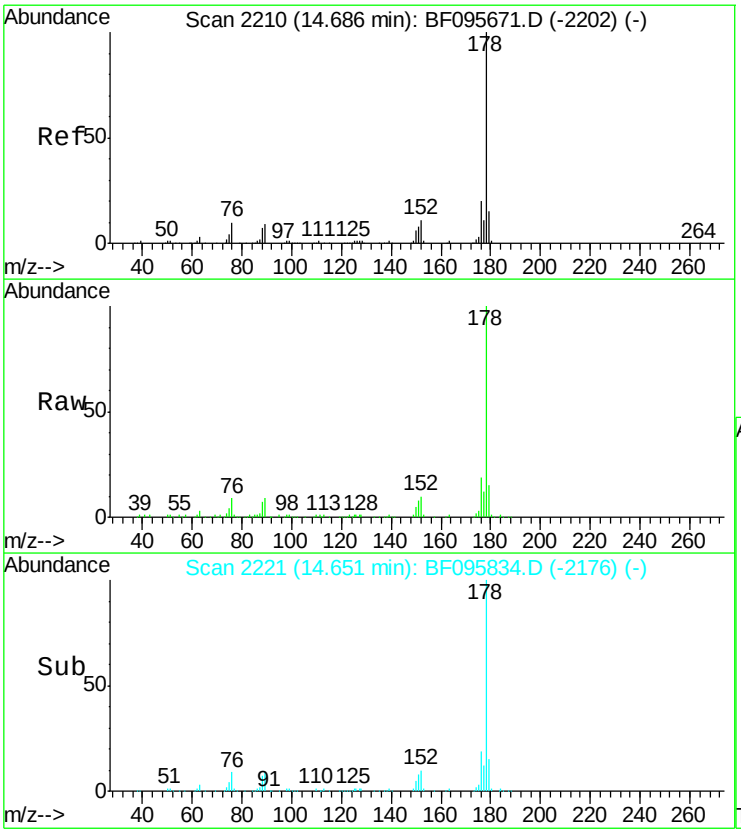
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:188 Resp: 191406

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.2	10.2	15.2

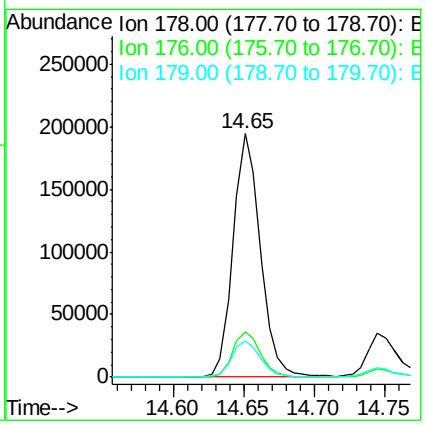


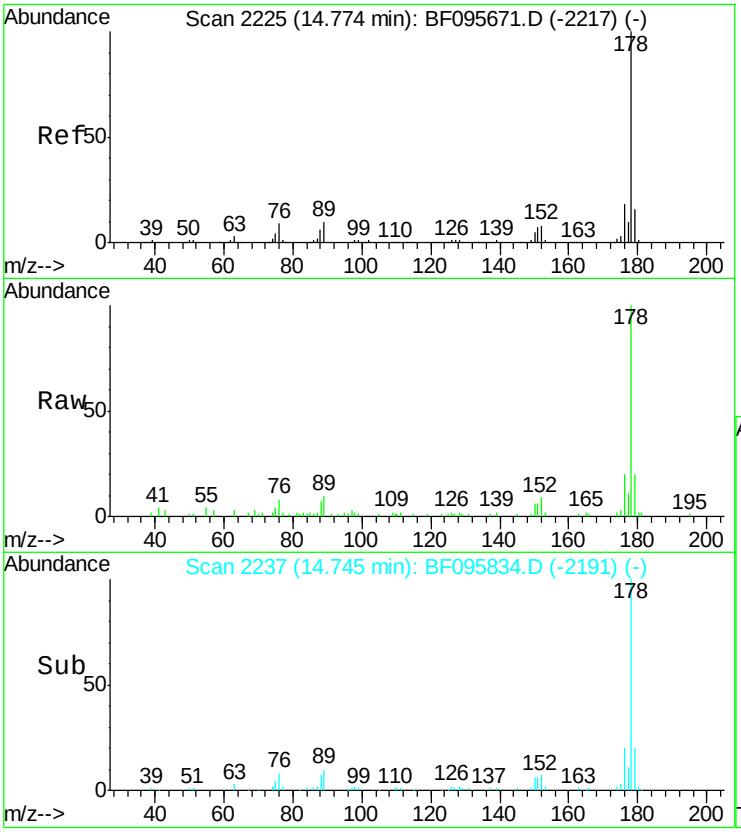


#70
Phenanthrene
Concen: 23.74 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:178 Resp: 262212

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.0	12.6	19.0



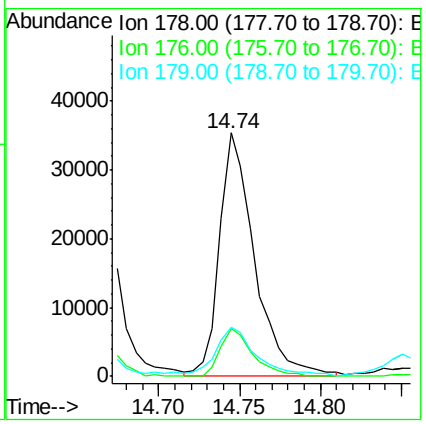


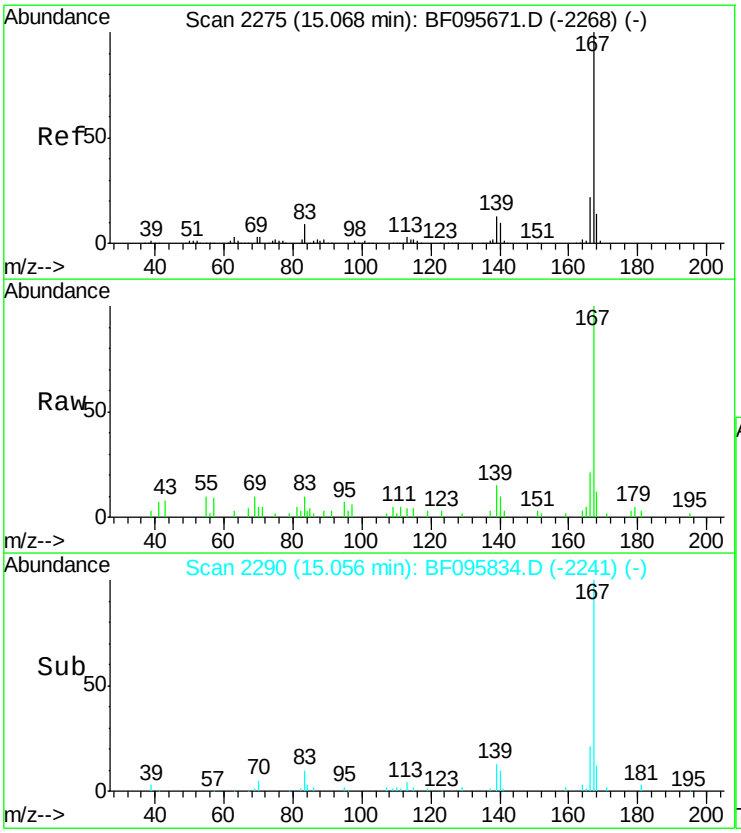
#71
Anthracene
Concen: 4.64 ng m
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:178 Resp: 53507

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	20.1	12.7	19.1#

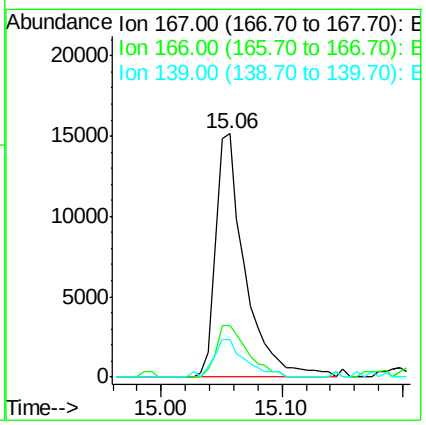


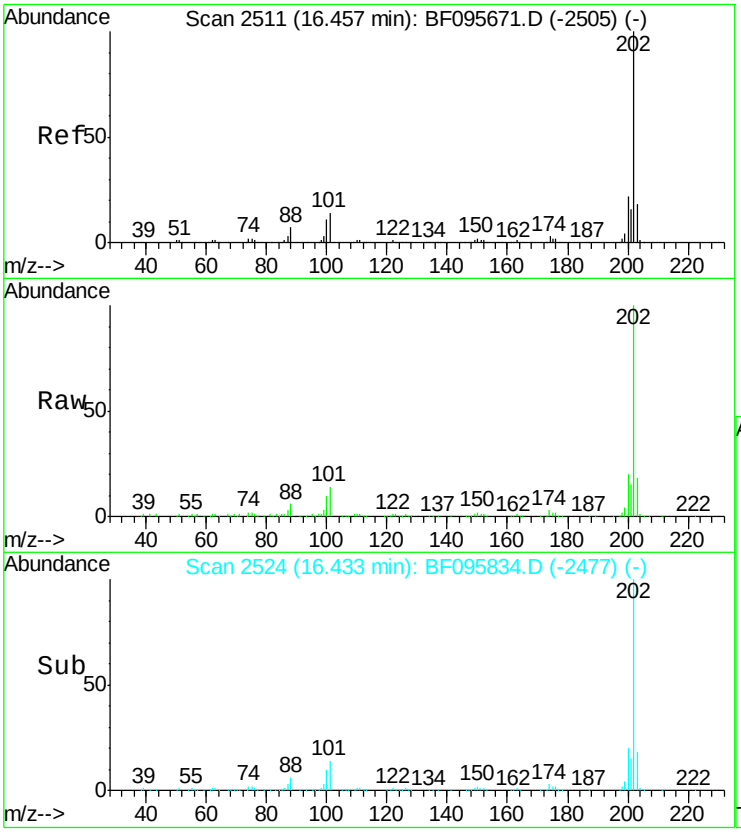


#72
Carbazole
Concen: 2.25 ng
RT: 15.06 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:167 Resp: 25284

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	15.2	11.7	17.5



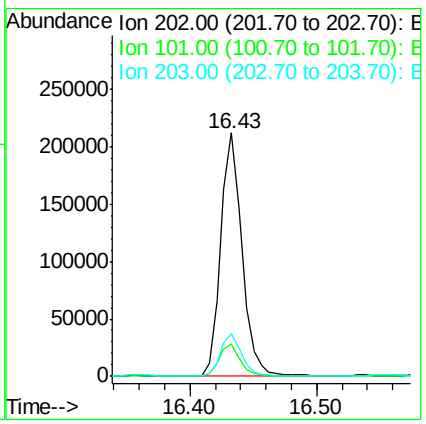


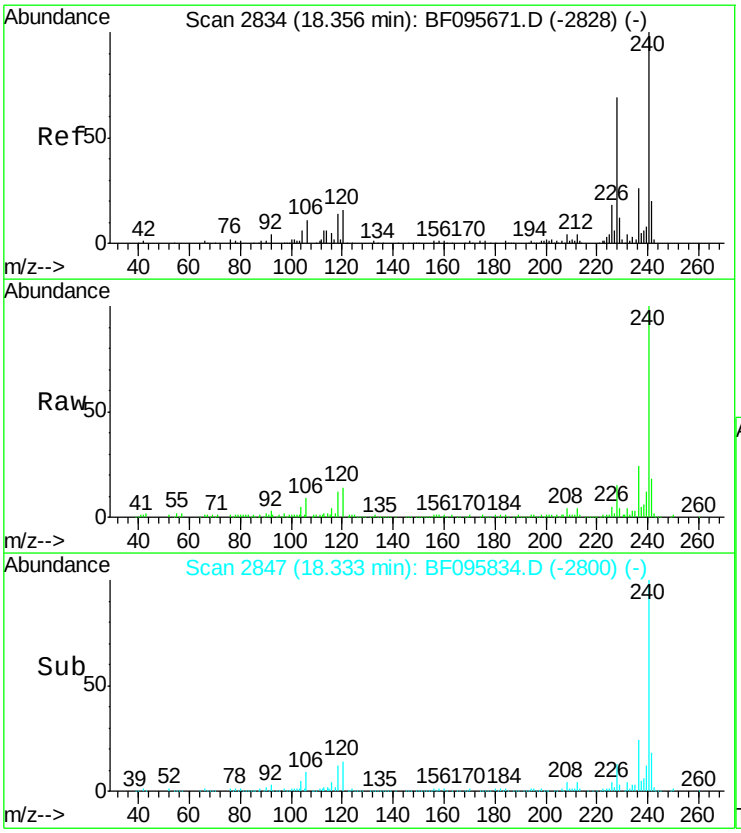
#74
Fluoranthene
Concen: 22.86 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:202 Resp: 249910

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.5	0.0	38.1

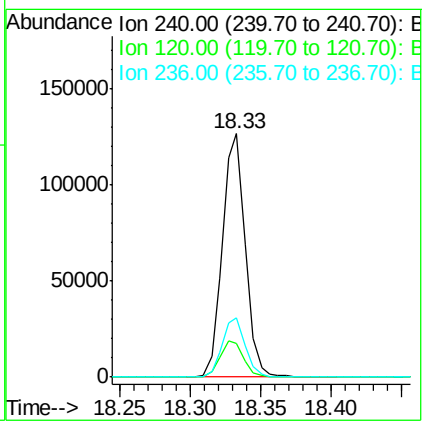


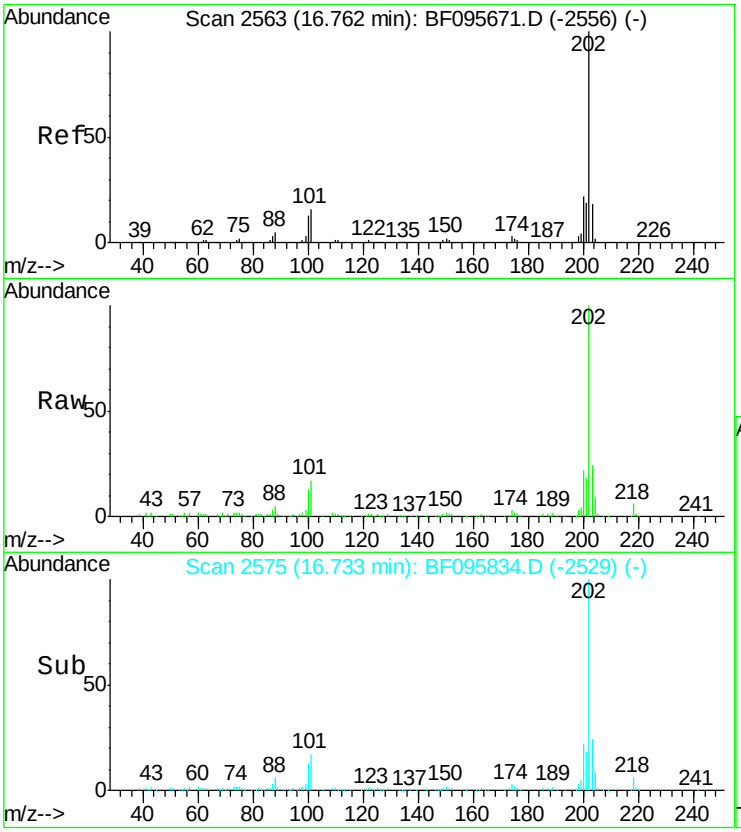


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:240 Resp: 142148

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.3	20.5	30.7



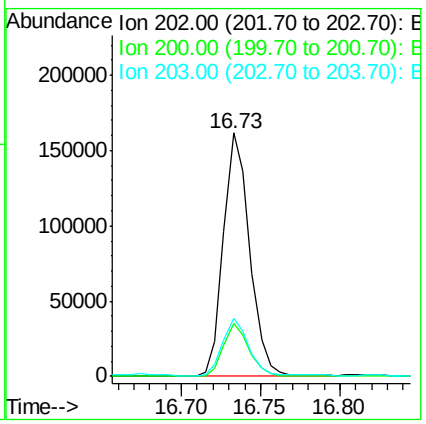


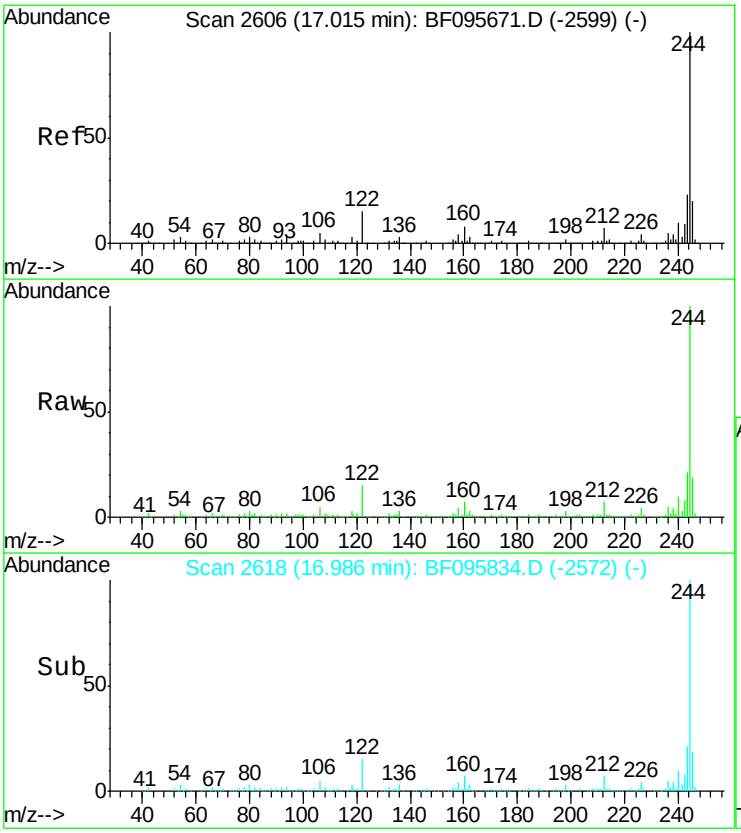
#77
Pyrene
Concen: 17.63 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:202 Resp: 187015

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	23.7	14.4	21.6#

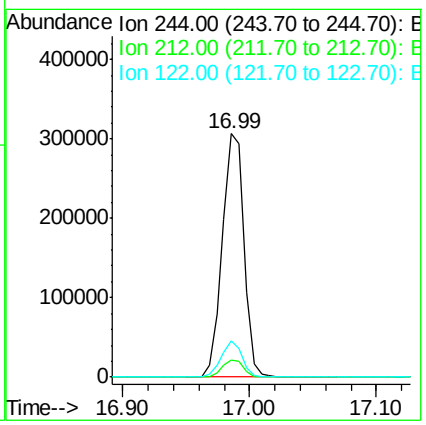


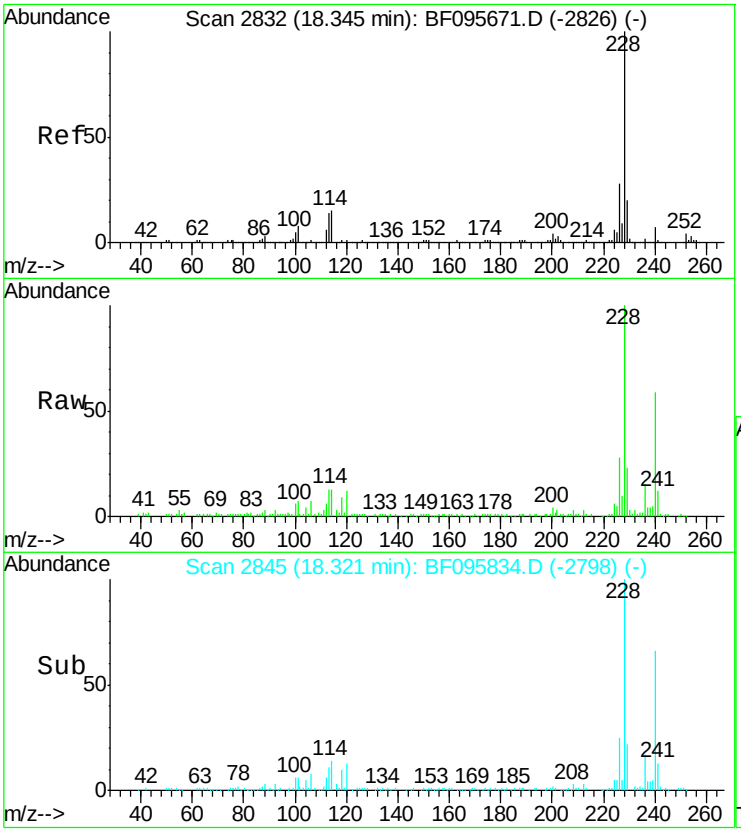


#78
Terphenyl-d14
Concen: 63.46 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:244 Resp: 363503

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.9	10.3	15.5



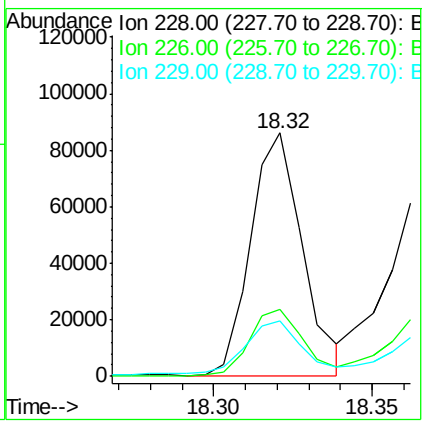


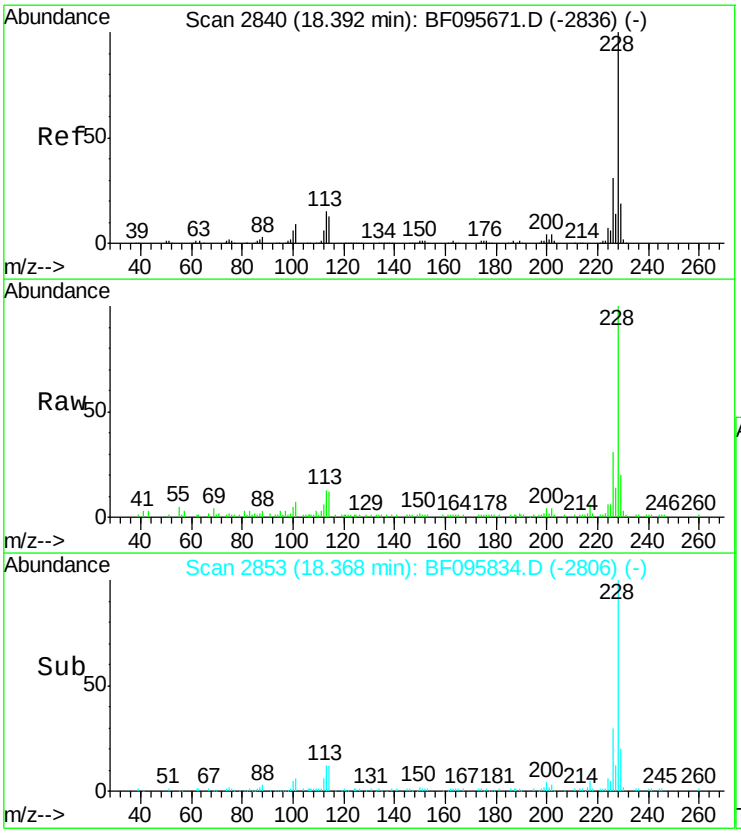
#80
Benzo(a)anthracene
Concen: 11.88 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:228 Resp: 98196

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	22.5	16.3	24.5

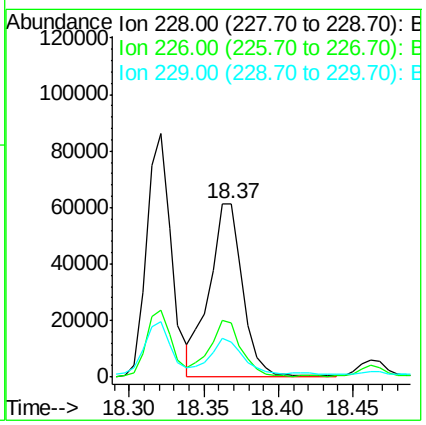


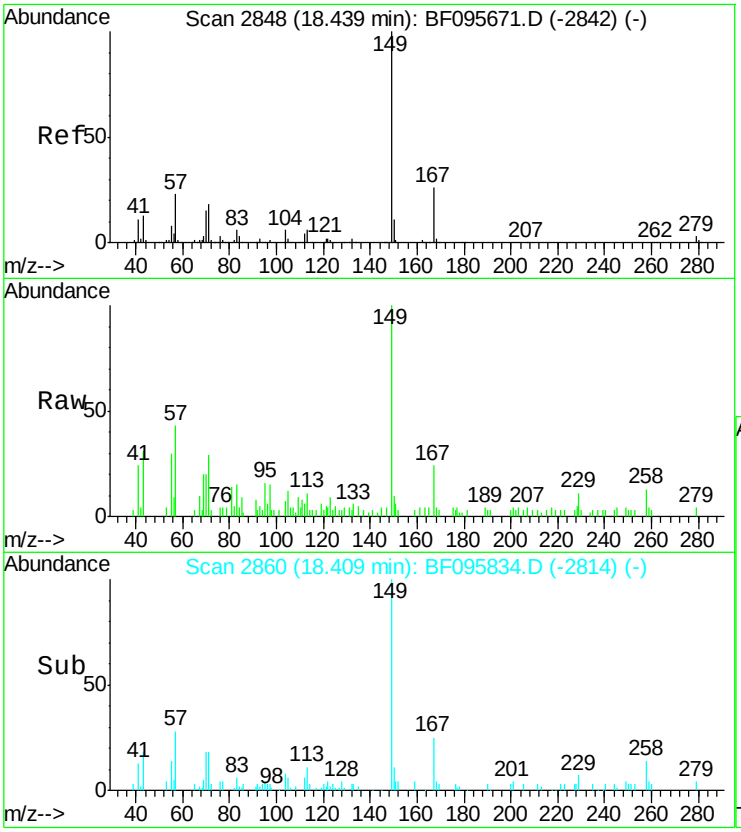


#82
Chrysene
Concen: 11.66 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:228 Resp: 96289

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.4	15.8	23.6



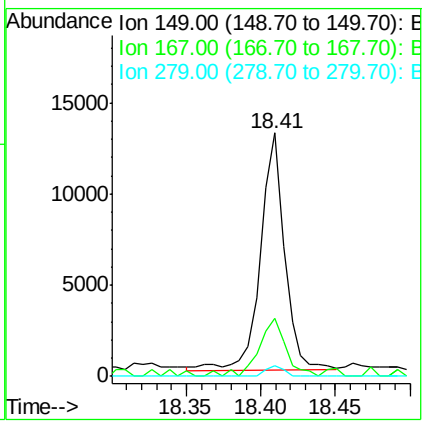


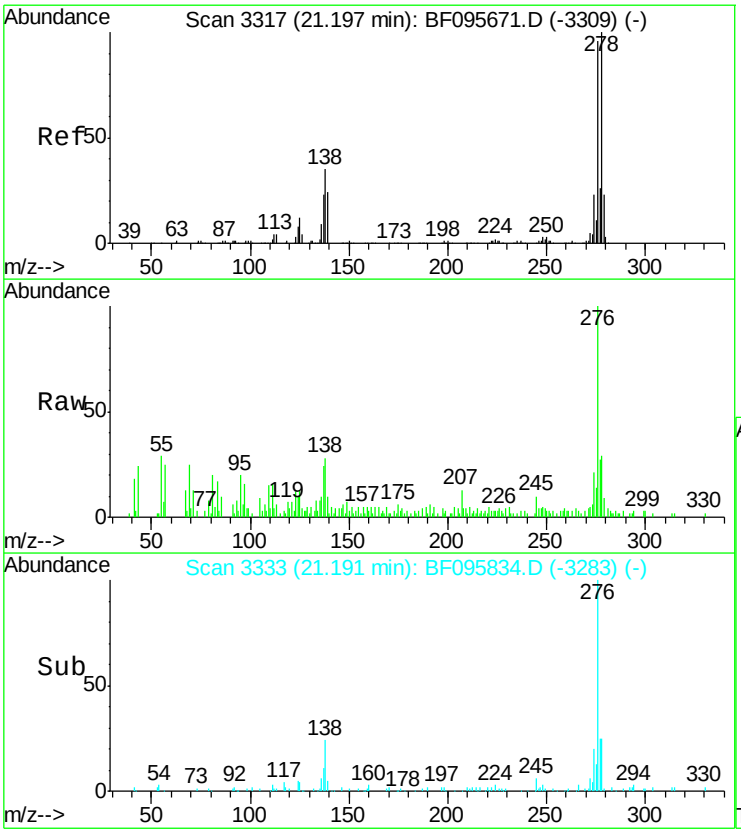
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.22 ng
RT: 18.41 min Scan# 2860
Delta R.T. -0.03 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:149 Resp: 14525

Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.0	31.4
279	4.2	1.9	2.9#

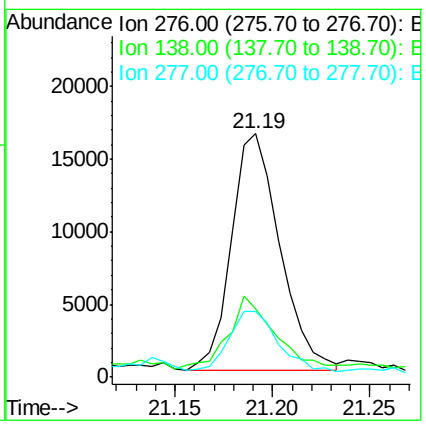


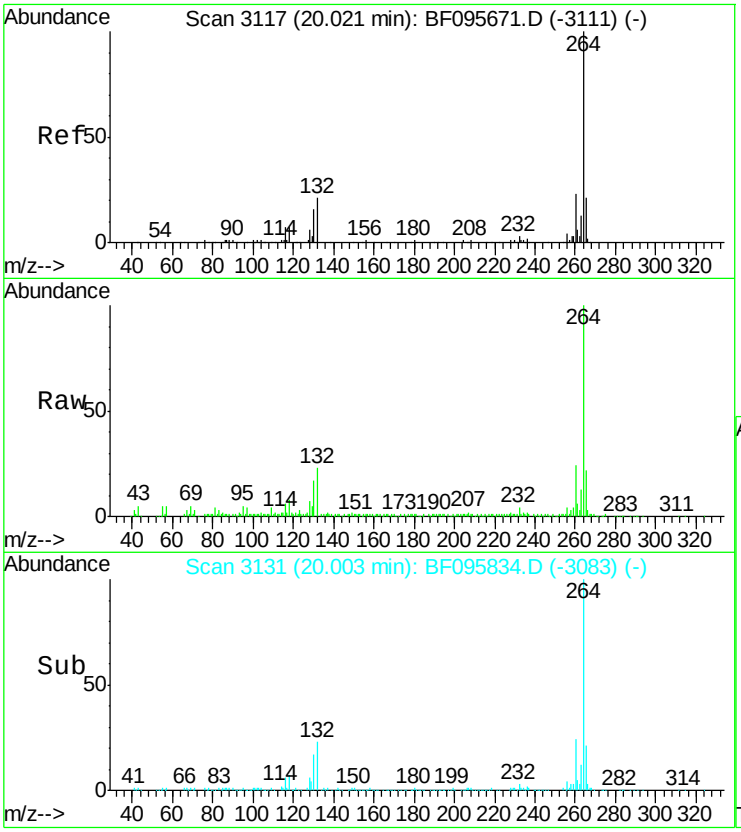


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.95 ng
RT: 21.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:276 Resp: 27930

Ion	Ratio	Lower	Upper
276	100		
138	30.8	27.8	41.6
277	25.9	20.2	30.4



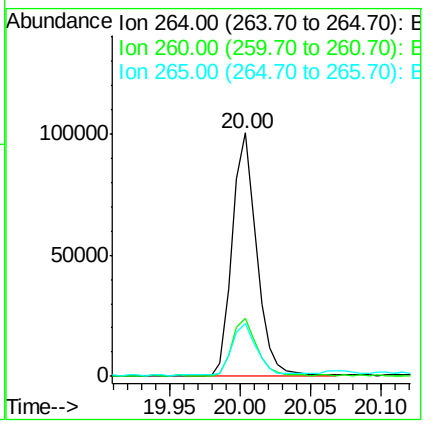


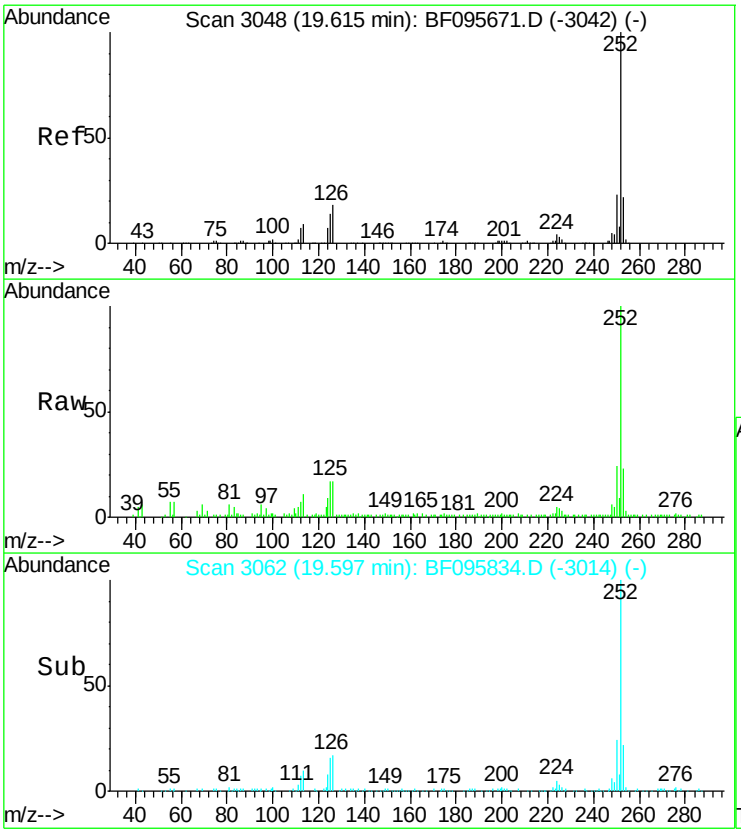
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:264 Resp: 122975

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.2	25.8

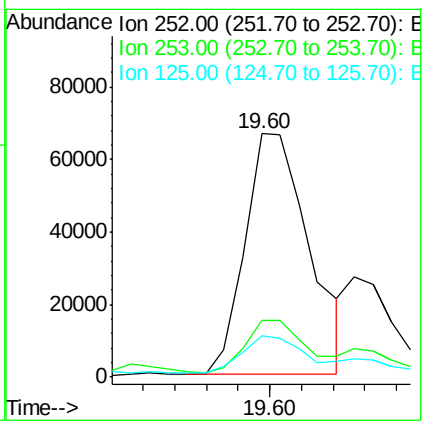


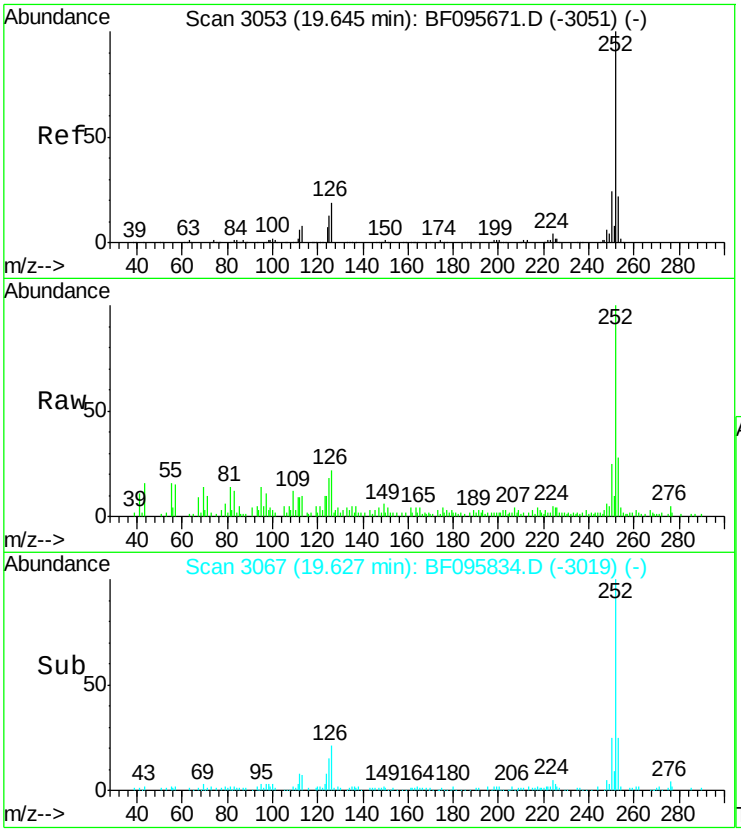


#87
Benzo(b)fluoranthene
Concen: 12.13 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:252 Resp: 93392

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	17.2	9.8	14.8#



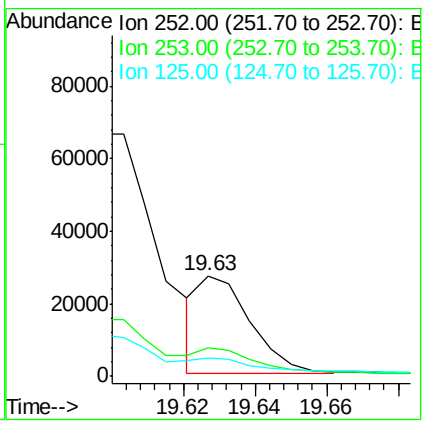


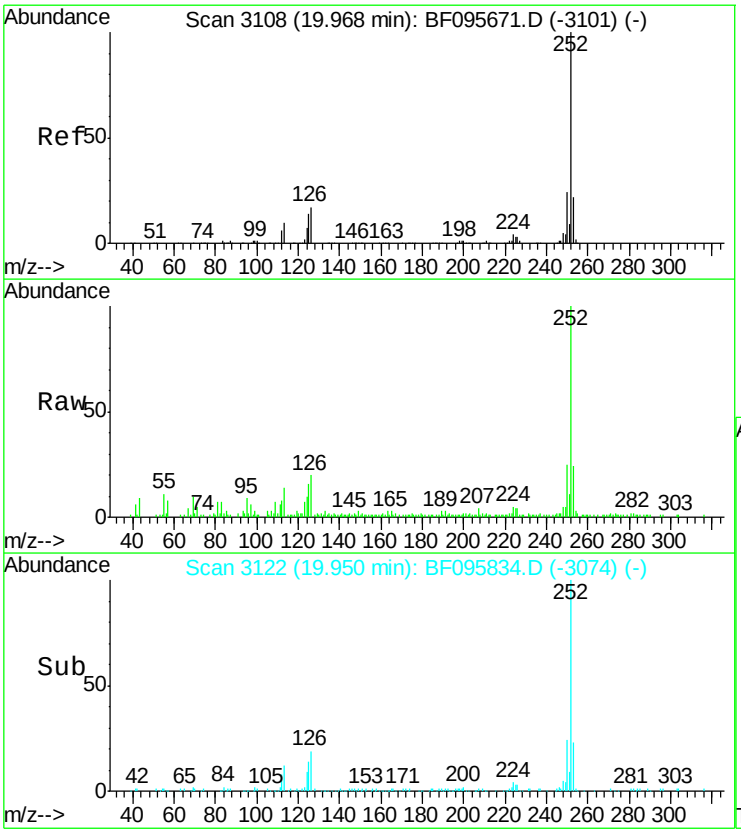
#88
Benzo(k)fluoranthene
Concen: 3.69 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:252 Resp: 27171

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.4	27.6#
125	17.7	13.1	19.7

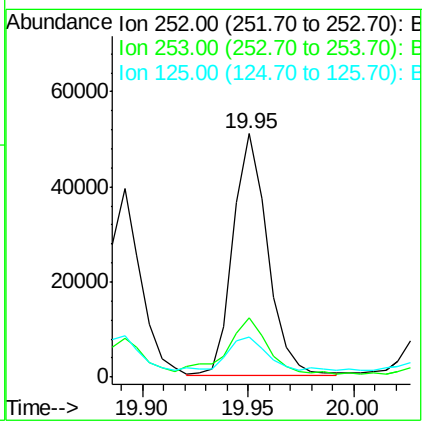


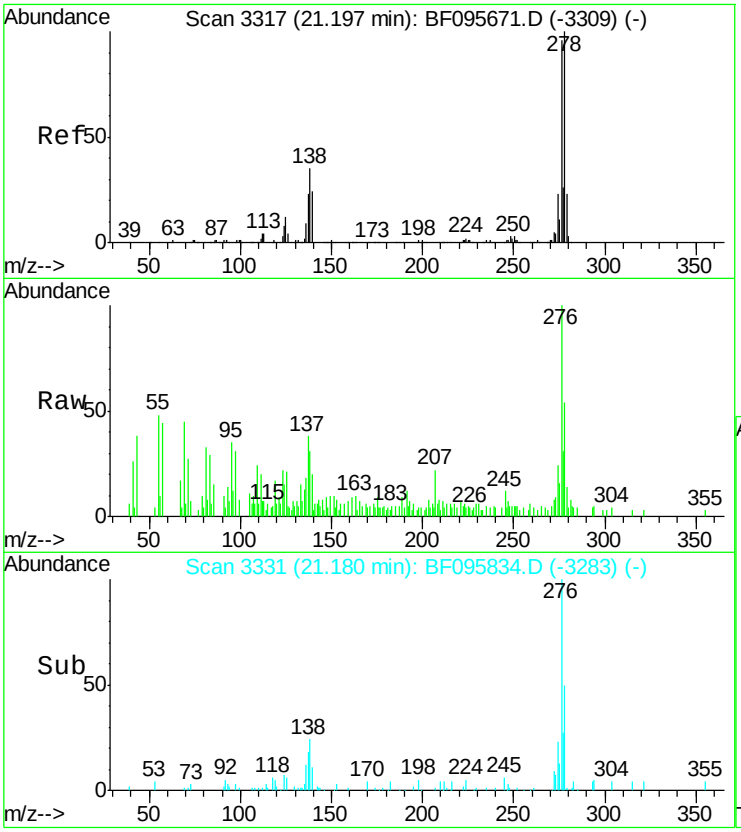


#89
Benzo(a)pyrene
Concen: 8.07 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:252 Resp: 57125

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	16.5	11.0	16.4#



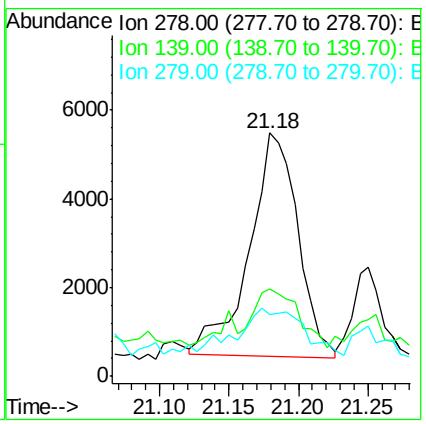


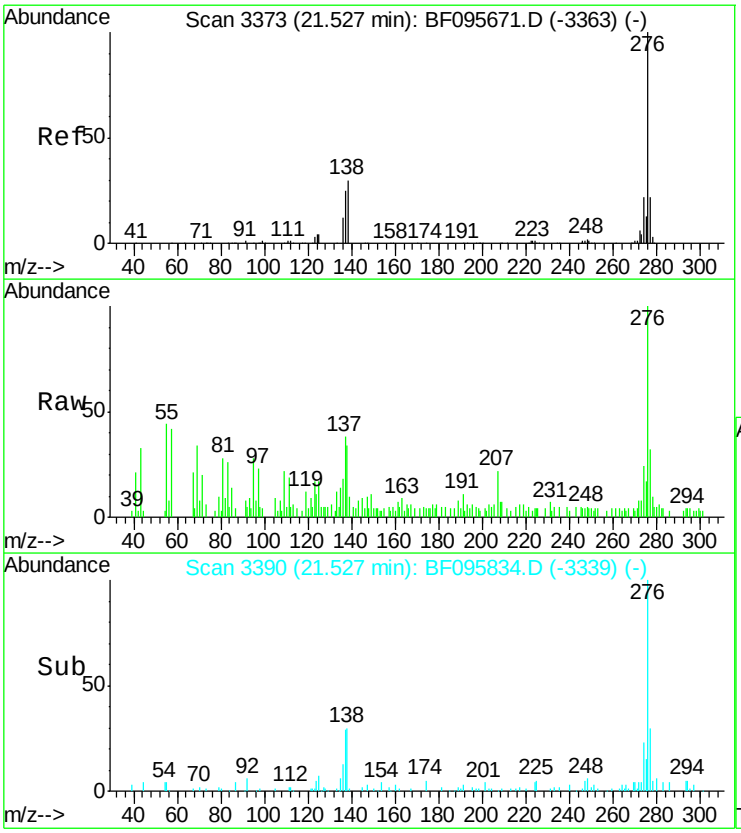
#90
Dibenzo(a,h)anthracene
Concen: 2.03 ng m
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Instrument :
BNA_F
ClientSampleId :
HR-06-060817-B

Tgt Ion:278 Resp: 12175

Ion	Ratio	Lower	Upper
278	100		
139	36.0	16.6	24.8#
279	25.2	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 21.53 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BF095834.D
Acq: 9 Jun 2017 22:02

Tgt Ion:276 Resp: 26545

Ion	Ratio	Lower	Upper
276	100		
277	31.9	18.6	28.0#
138	33.8	25.4	38.0