Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096059.D
Acq On : 20 Jun 2017 22:56
Operator : SJ/MA
Sample : I3782-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 21 01:16:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	70568	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	271041	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	101827	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	162945	20.00	ng		0.00
75) Chrysene-d12	18.27	240	130262	20.00	ng		0.00
86) Perylene-d12	19.94	264	93322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	471720	106.52	ng		0.00
7) Phenol-d6	6.87	99	549742	103.69	ng		0.00
23) Nitrobenzene-d5	8.21	82	294587	67.50	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	80643	89.51	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	489328	66.87	ng		0.00
78) Terphenyl-d14	16.92	244	312229	59.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	20273	9.62	ng	#	21
19) n-Nitroso-di-n-propylamine	8.21	70	35997	10.71	ng	#	78
48) Acenaphthylene	11.92	152	71647	6.39	ng		99
49) Dimethylphthalate	11.80	163	106652	13.79	ng		98
55) 4-Nitrophenol	12.49	139	4832	8.60	ng	#	25
57) Fluorene	13.04	166	19221	2.42	ng		100
70) Phenanthrene	14.57	178	197596	21.02	ng		97
71) Anthracene	14.66	178	72180	7.35	ng		97
74) Fluoranthene	16.36	202	301118	32.36	ng		99
77) Pyrene	16.67	202	301428	31.01	ng		97
80) Benzo(a)anthracene	18.30	228	120427	15.90	ng		95
82) Chrysene	18.30	228	120427	15.91	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	50644	7.82	ng		97
87) Benzo(b)fluoranthene	19.54	252	168644	28.86	ng	#	97
88) Benzo(k)fluoranthene	19.54	252	168644	30.19	ng		98
89) Benzo(a)pyrene	19.89	252	94487	17.59	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	18302	4.02	ng	#	83
91) Benzo(g,h,i)perylene	21.43	276	55435	11.94	ng		97

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

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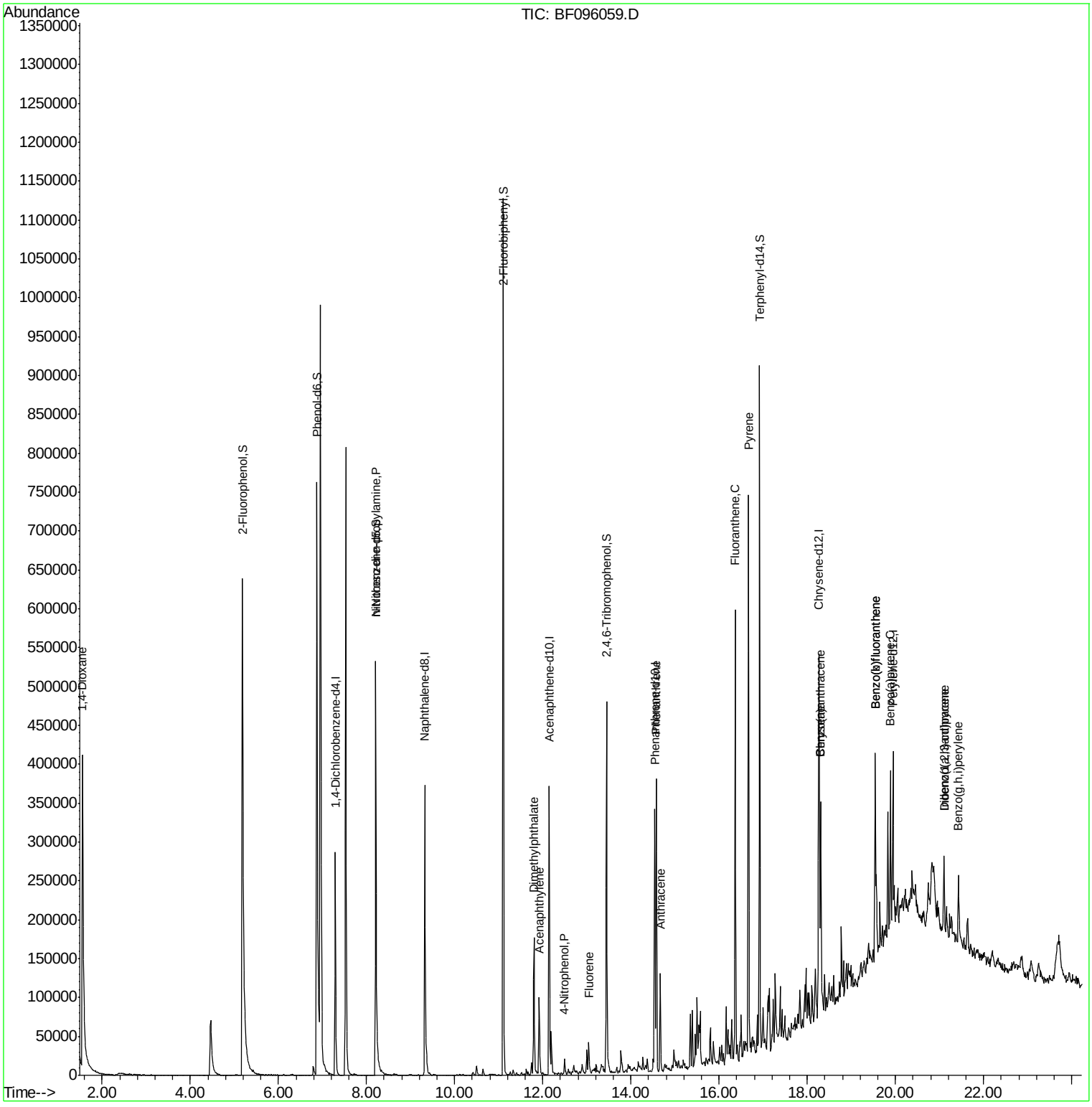
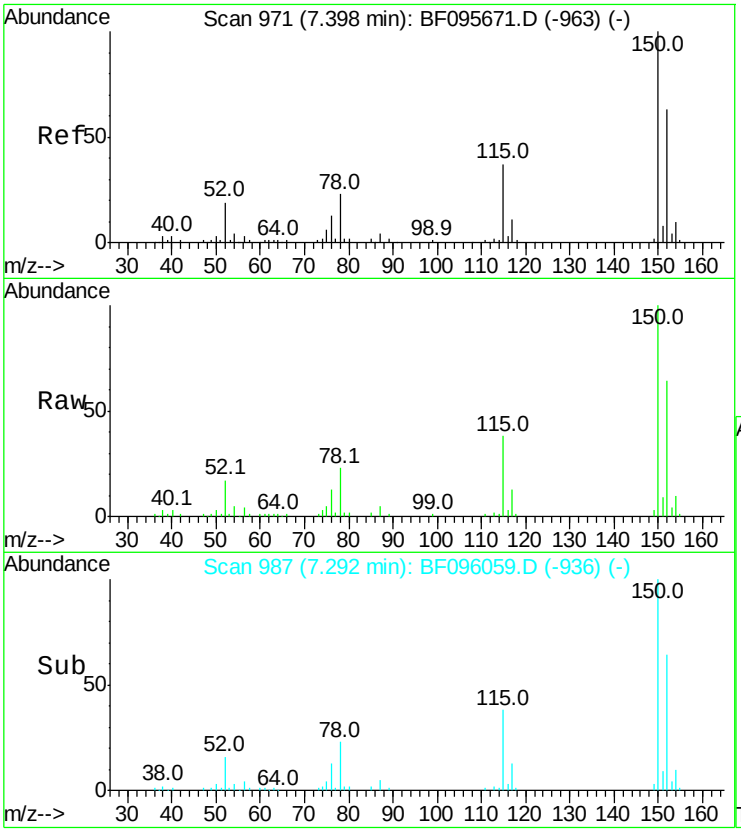


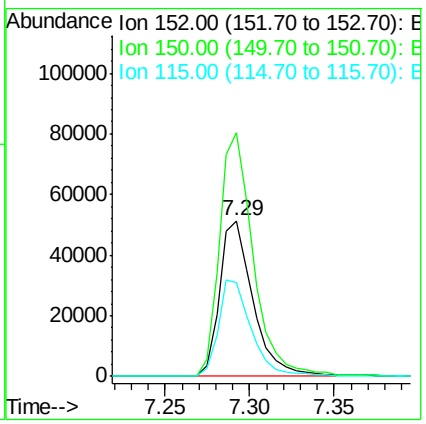


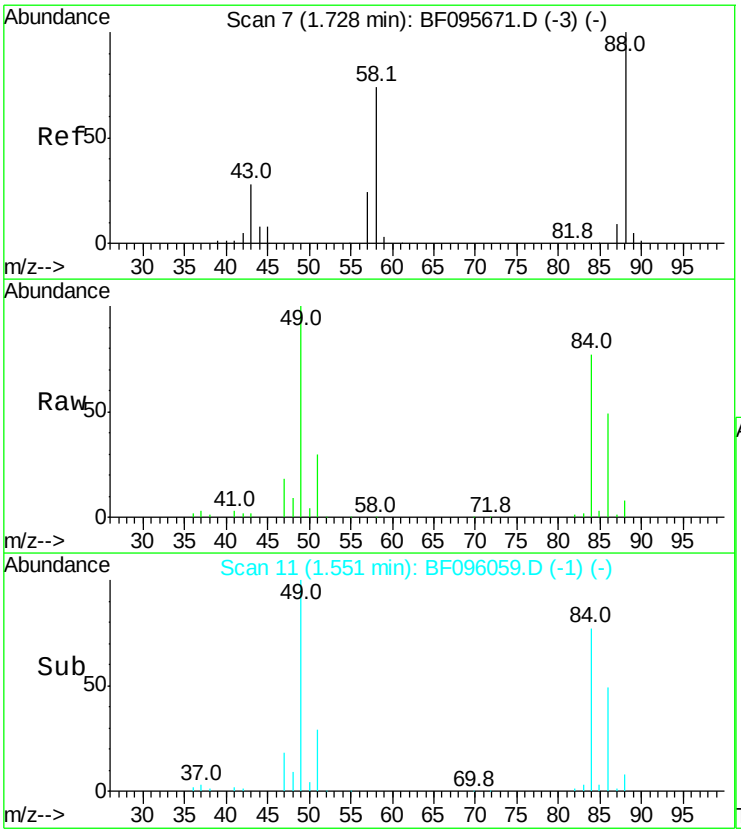
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70568

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	60.2	52.2	78.2

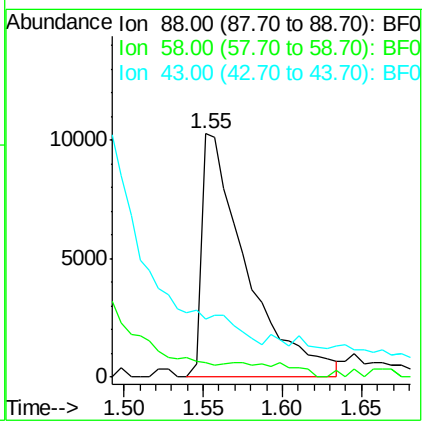


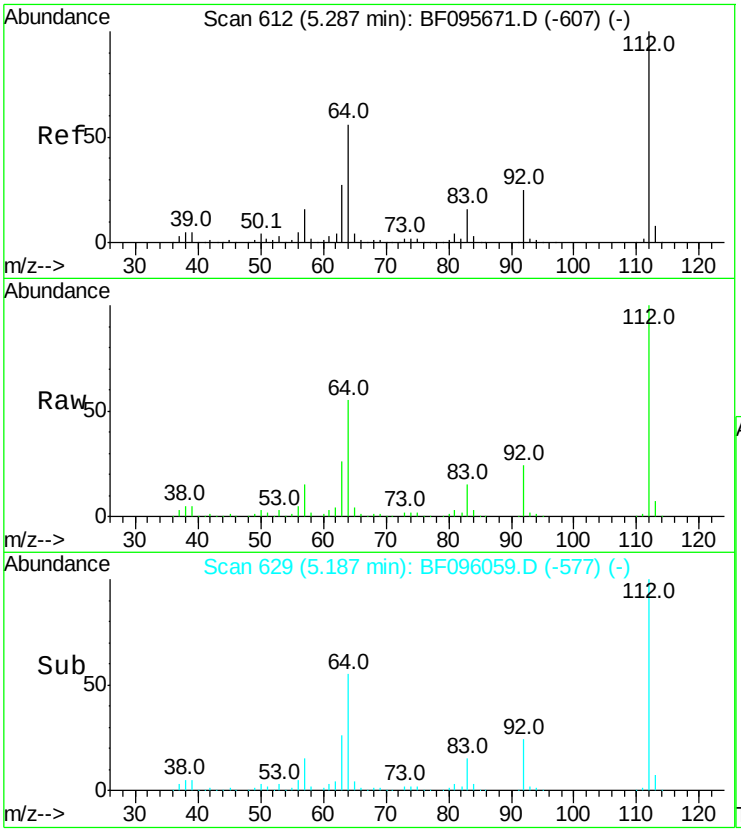


#2
1,4-Dioxane
Concen: 9.62 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion: 88 Resp: 20273

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



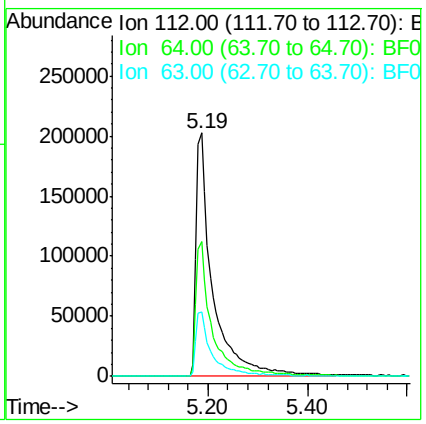


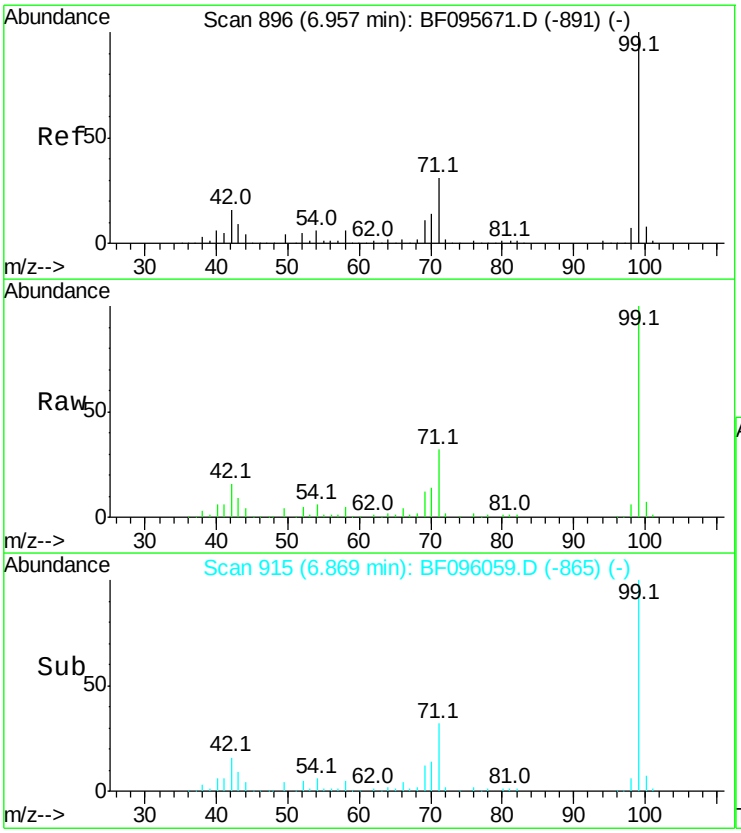
#5
2-Fluorophenol
Concen: 106.52 ng
RT: 5.19 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 471720

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	26.2	23.4	35.0

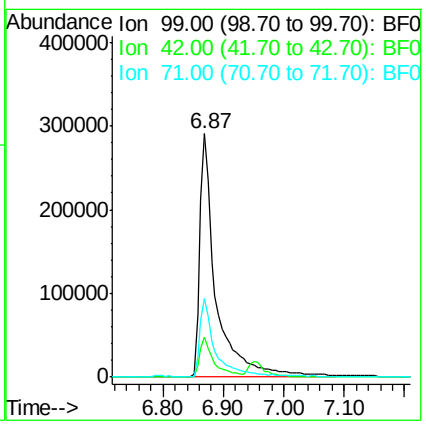


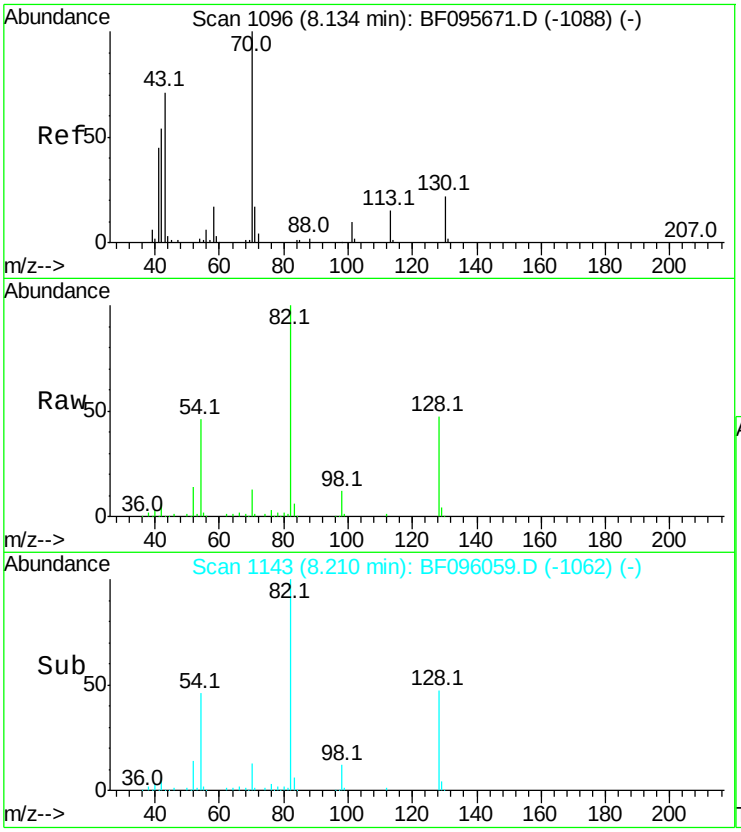


#7
Phenol-d6
Concen: 103.69 ng
RT: 6.87 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion: 99 Resp: 549742

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.1	24.5	36.7



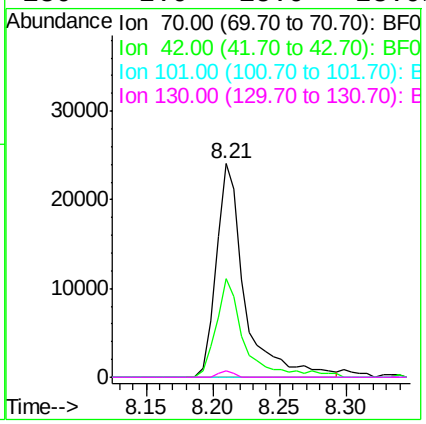


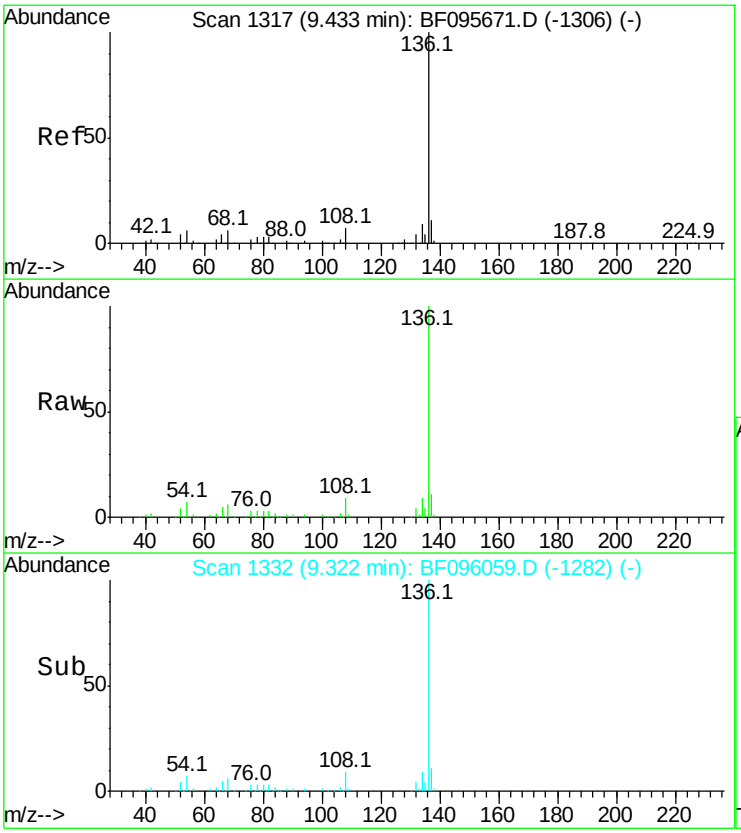
#19
n-Nitroso-di-n-propylamine
Concen: 10.71 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 35997

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#

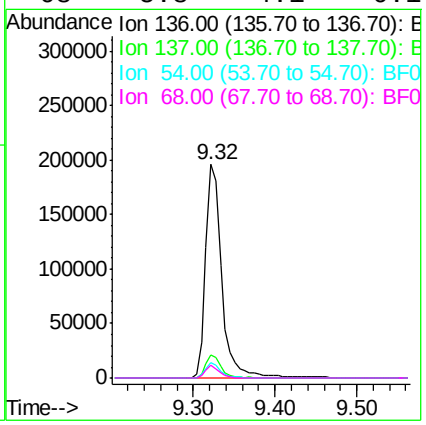


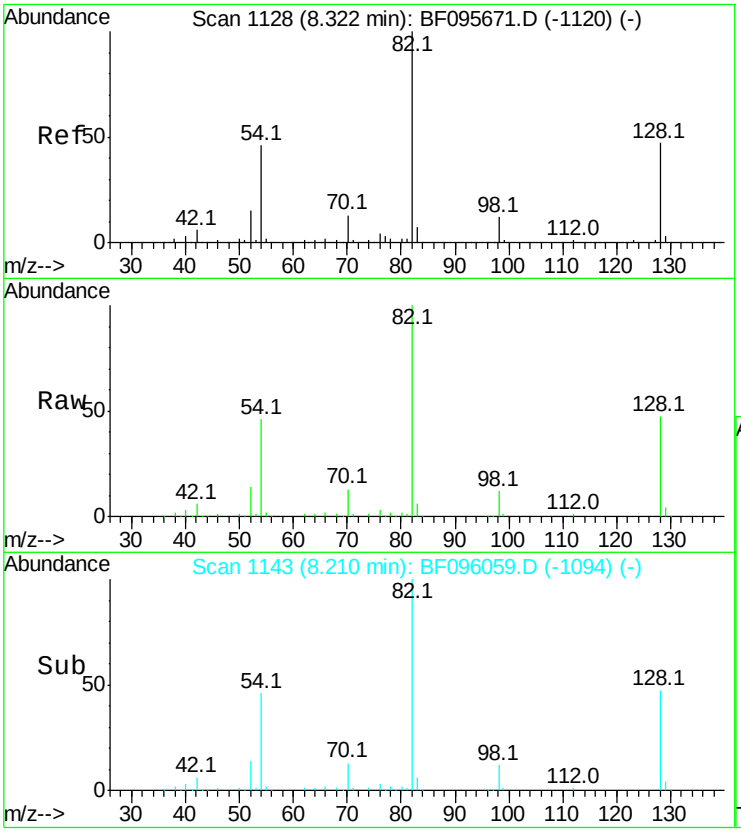


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:136 Resp: 271041

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1



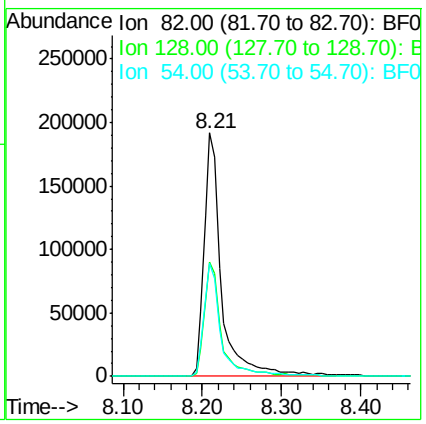


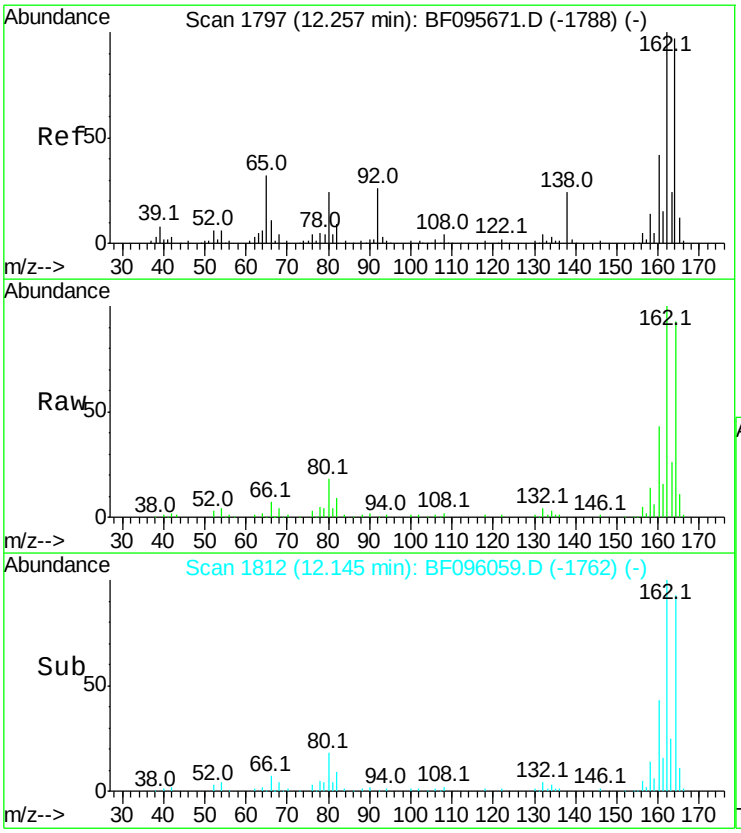
#23
Nitrobenzene-d5
Concen: 67.50 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 294587

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	46.3	42.2	63.2

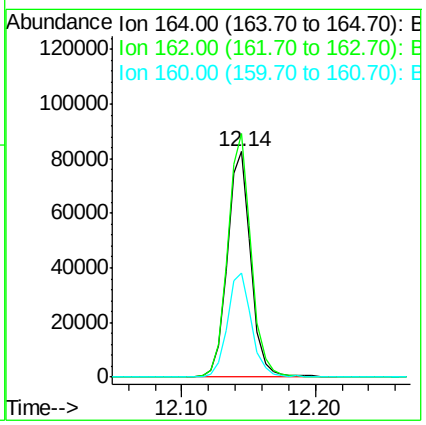


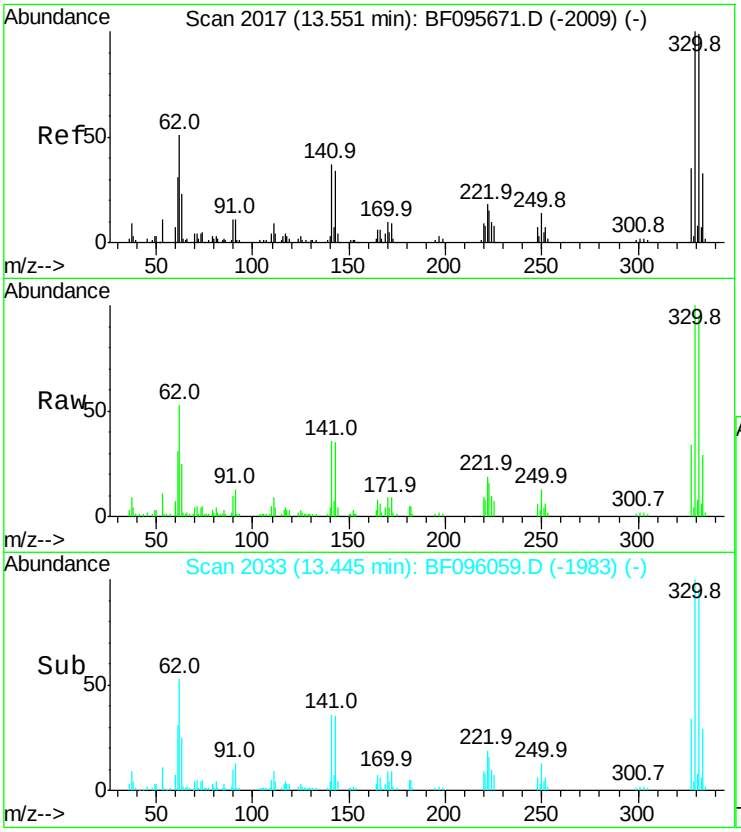


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:164 Resp: 101827

Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.6	123.8
160	46.3	36.2	54.2



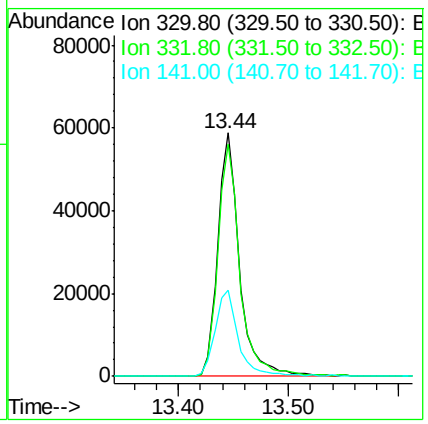


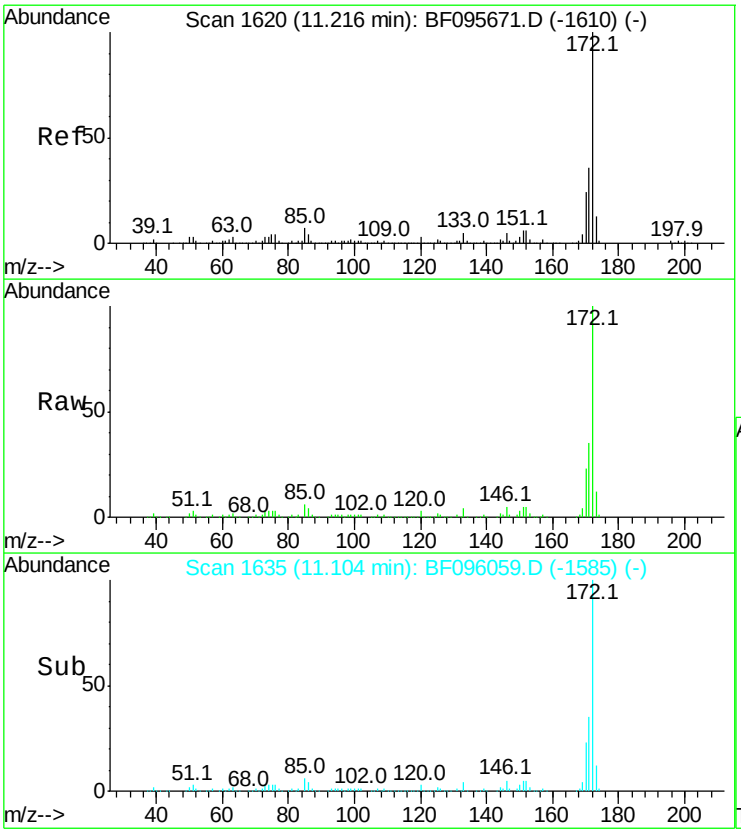
#41
2,4,6-Tribromophenol
Concen: 89.51 ng
RT: 13.44 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 80643

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	37.5	31.4	47.2

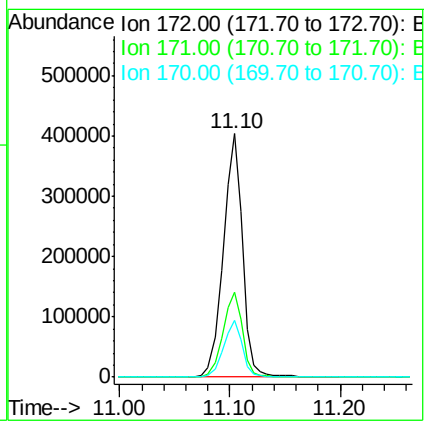


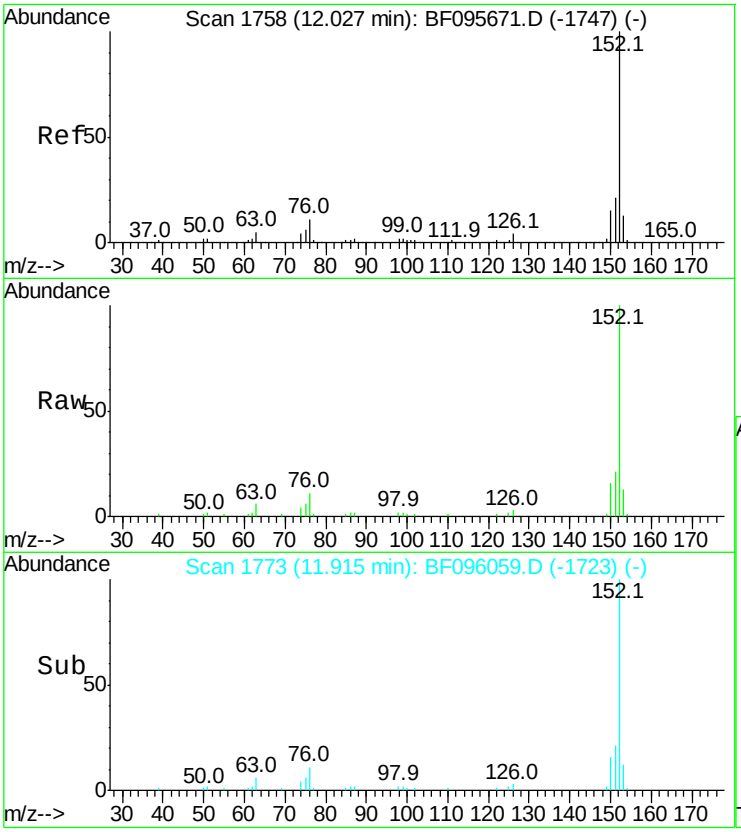


#44
2-Fluorobiphenyl
Concen: 66.87 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:172 Resp: 489328

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.1	19.8	29.8



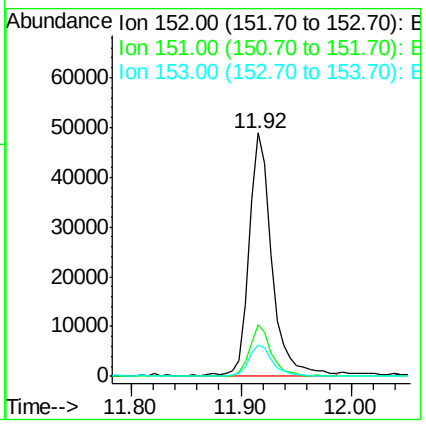


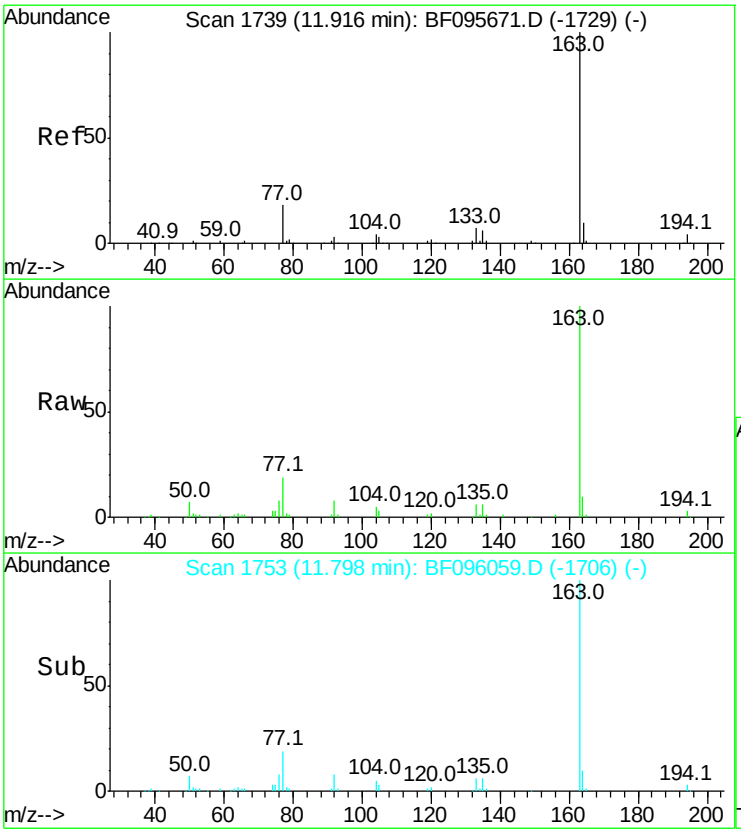
#48
Acenaphthylene
Concen: 6.39 ng
RT: 11.92 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71647

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	12.9	10.8	16.2

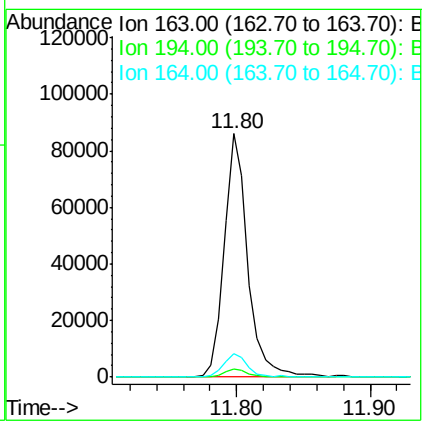


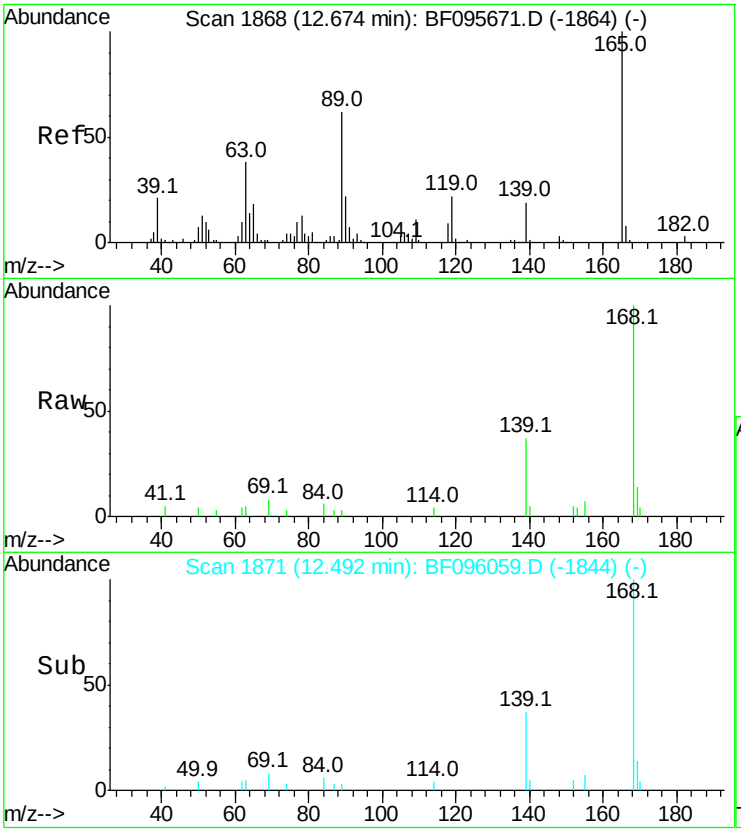


#49
Dimethylphthalate
Concen: 13.79 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:163 Resp: 106652

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6



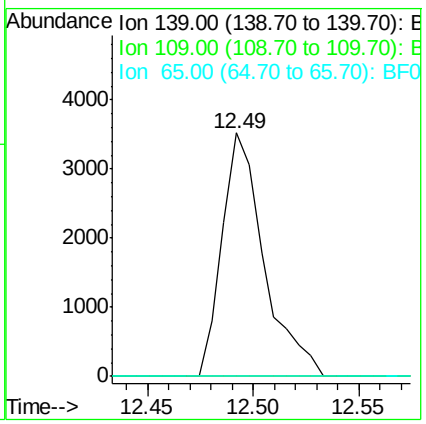


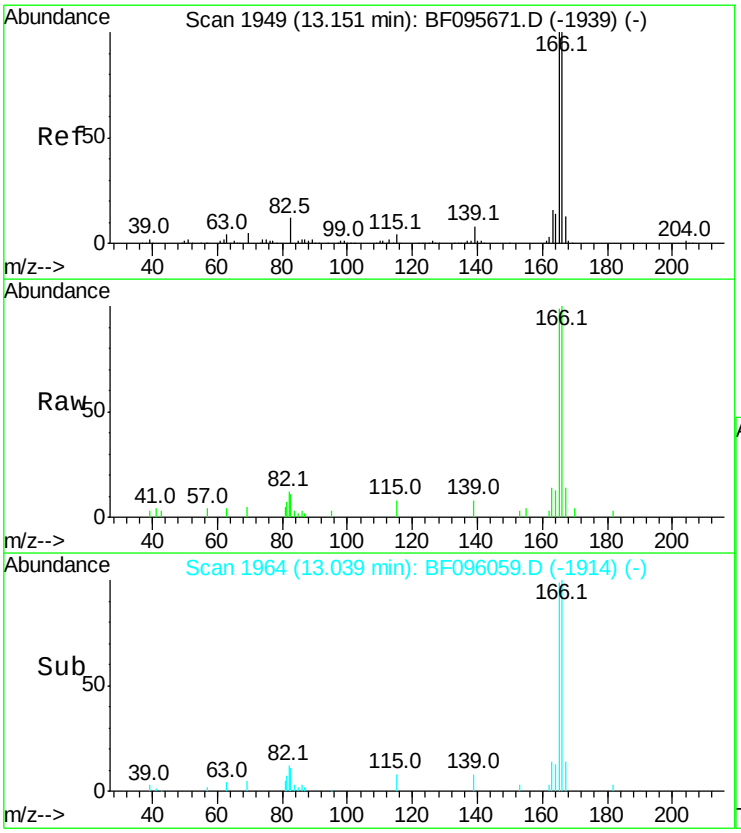
#55
4-Nitrophenol
Concen: 8.60 ng
RT: 12.49 min Scan# 1871
Delta R.T. -0.14 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4832

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

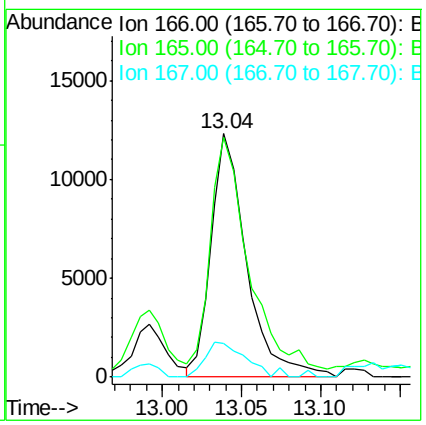


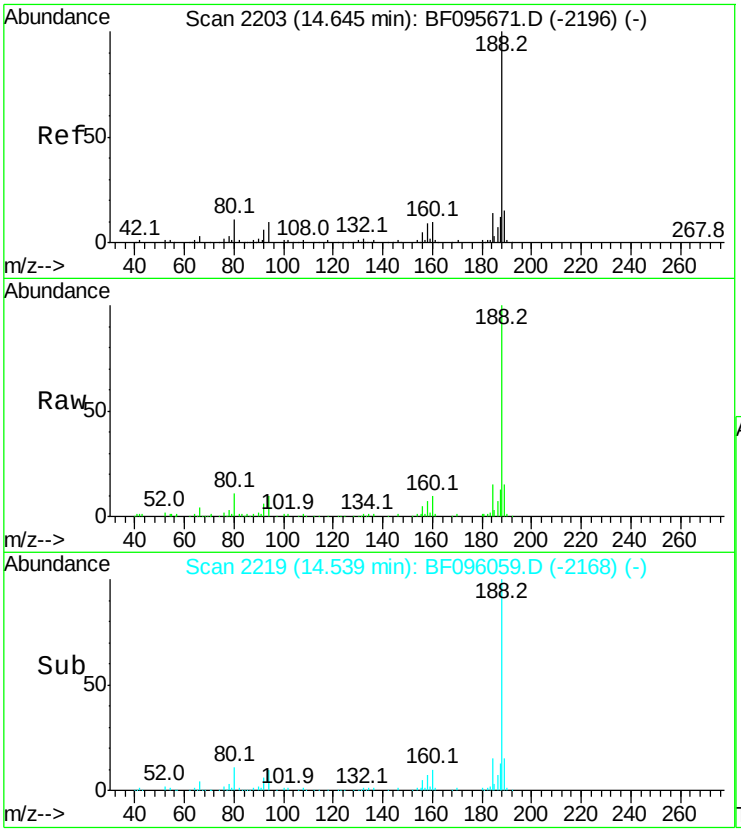


#57
Fluorene
Concen: 2.42 ng
RT: 13.04 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:166 Resp: 19221

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.8	118.2
167	13.8	10.6	16.0



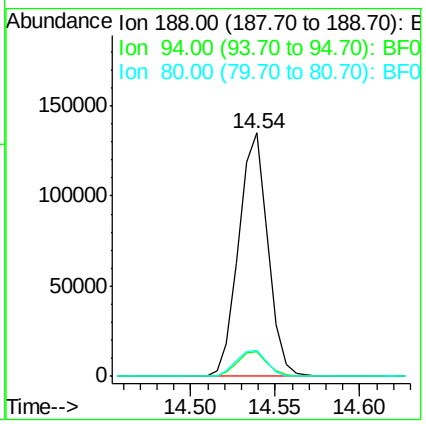


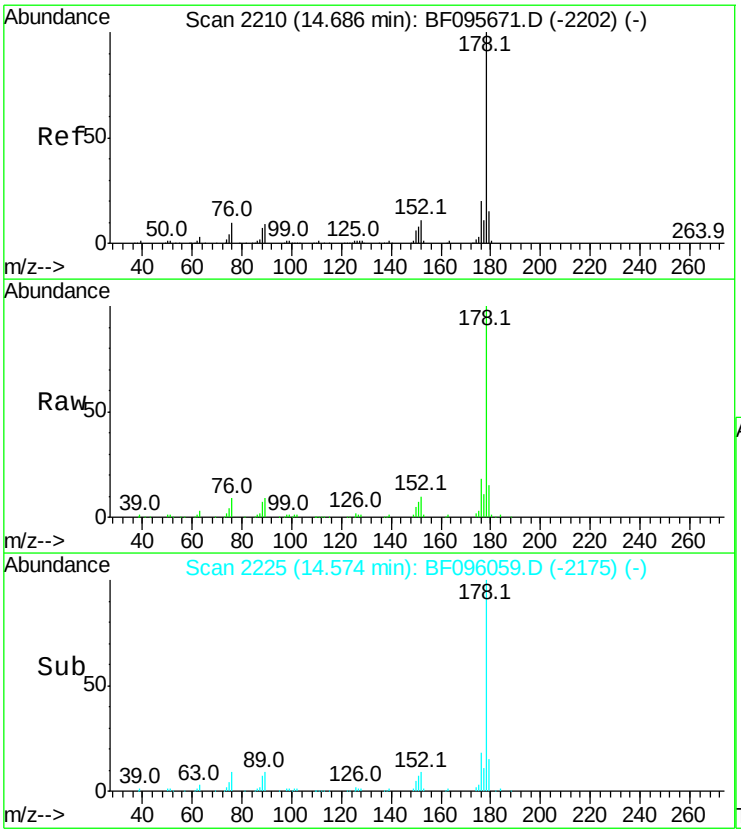
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 162945

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.9	10.2	15.2

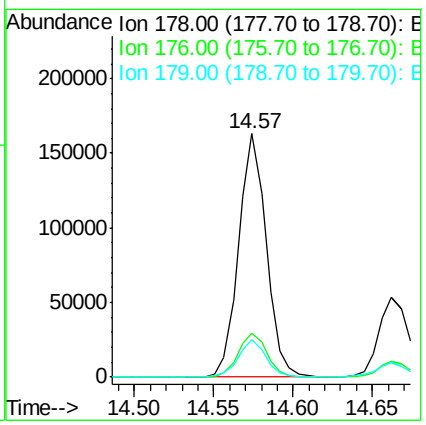


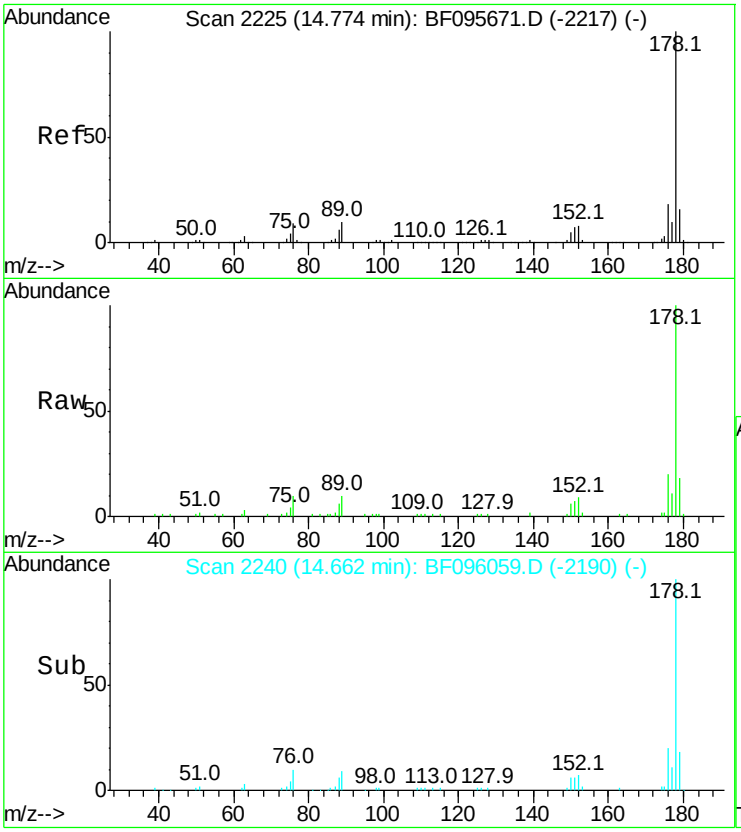


#70
Phenanthrene
Concen: 21.02 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:178 Resp: 197596

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	15.3	12.6	19.0



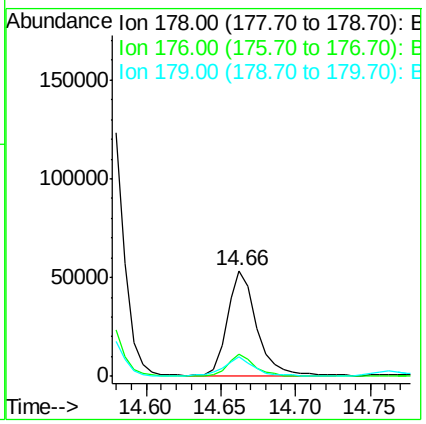


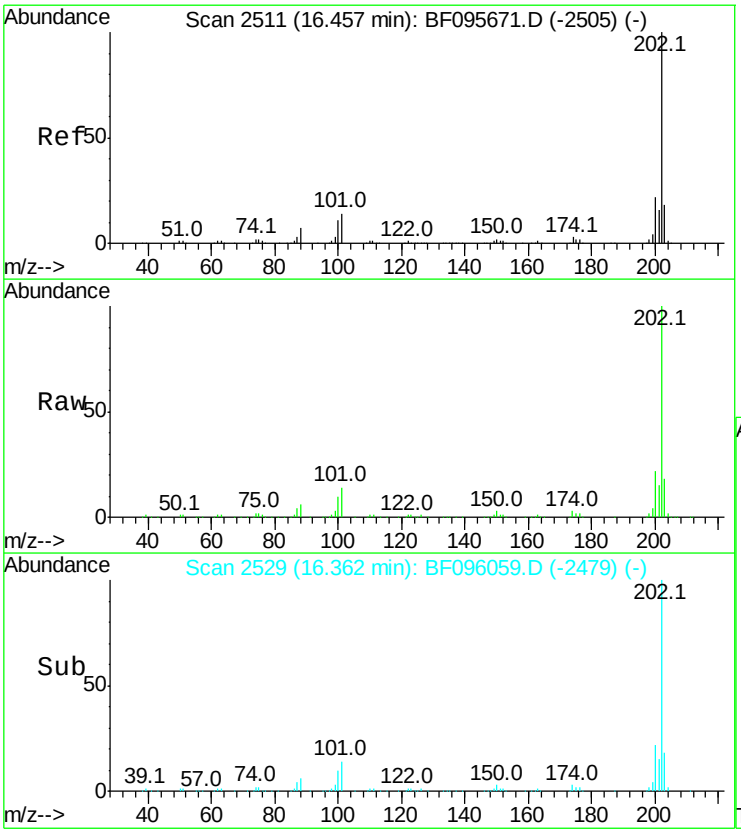
#71
Anthracene
Concen: 7.35 ng
RT: 14.66 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 72180

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	18.1	12.7	19.1

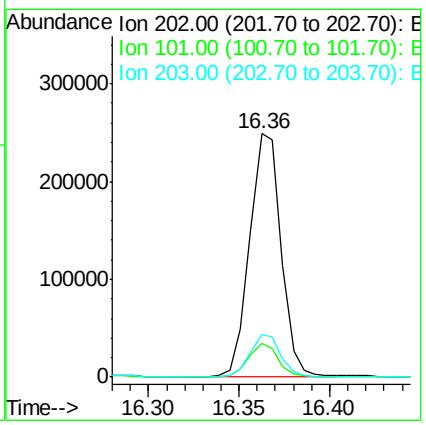


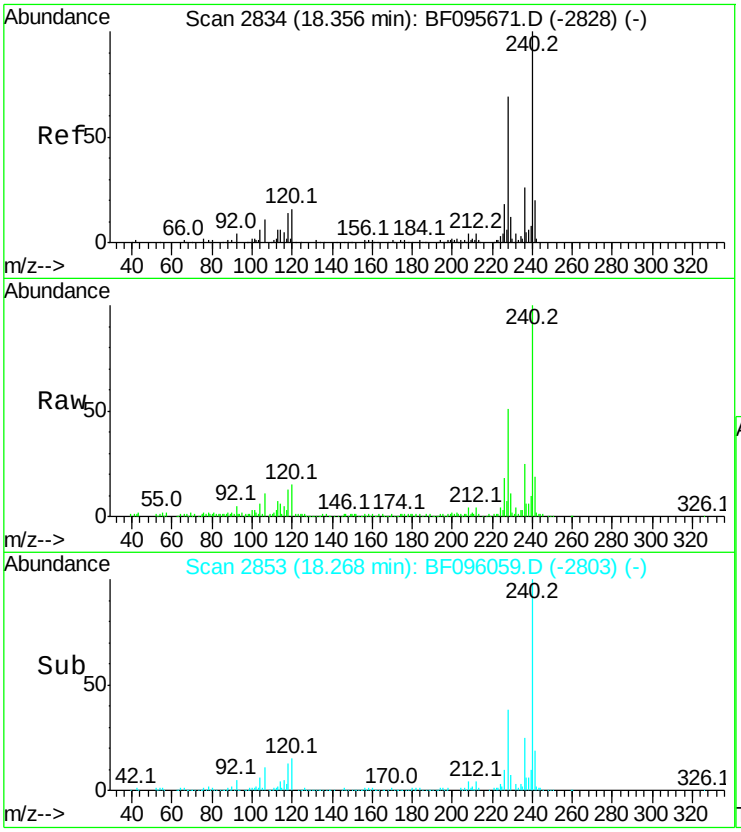


#74
Fluoranthene
Concen: 32.36 ng
RT: 16.36 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:202 Resp: 301118

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.7	0.0	38.1



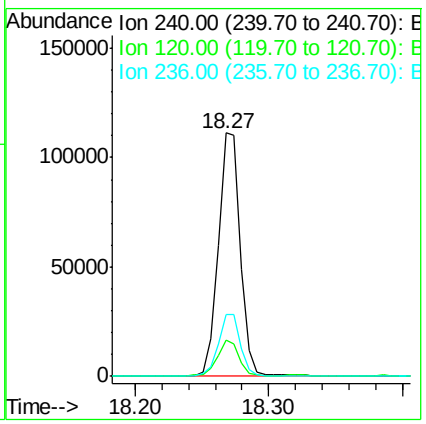


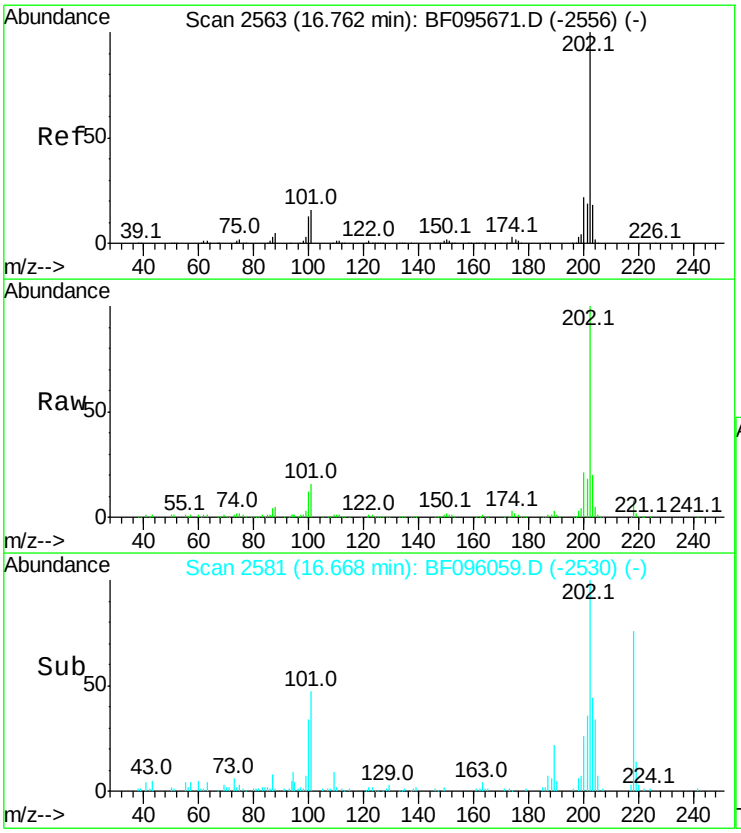
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 130262

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.2	20.5	30.7

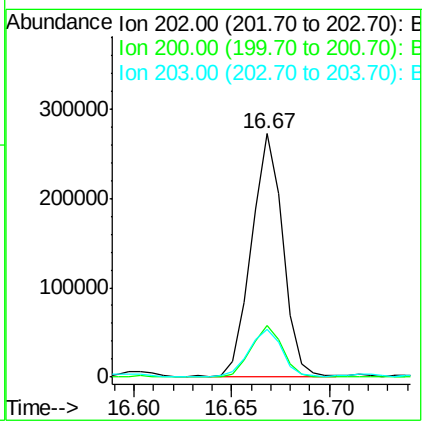


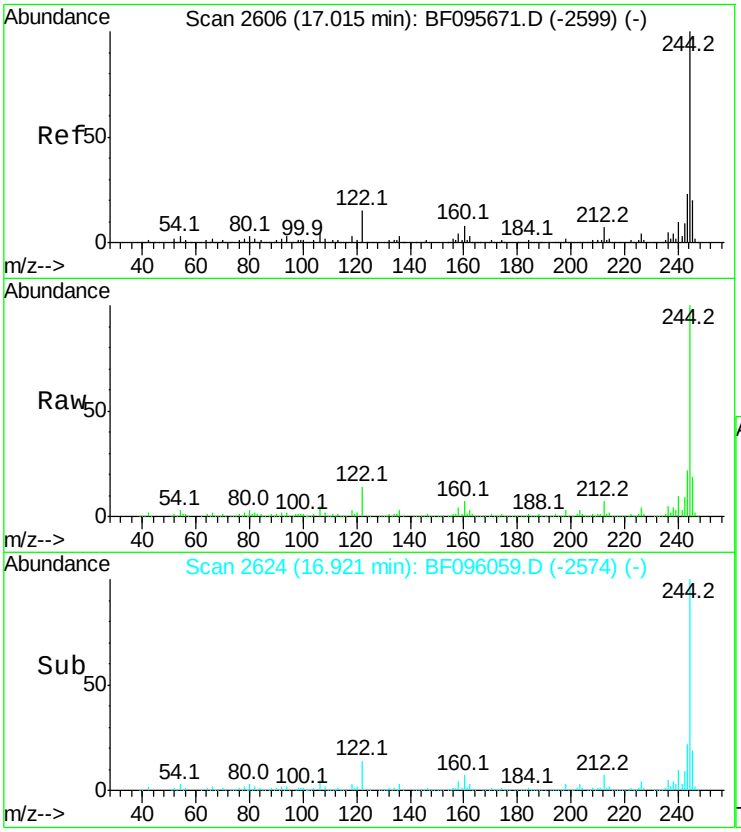


#77
Pyrene
Concen: 31.01 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:202 Resp: 301428

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	19.8	14.4	21.6



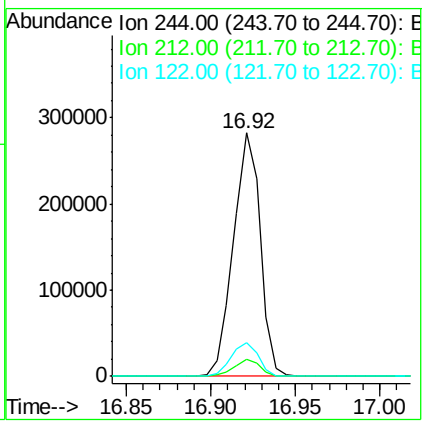


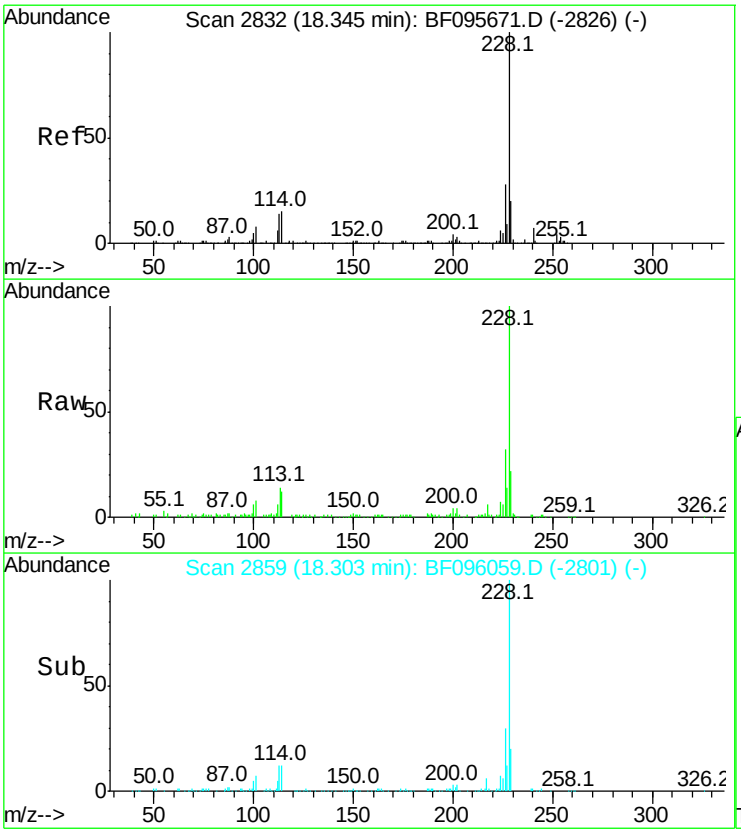
#78
Terphenyl-d14
Concen: 59.49 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 312229

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5

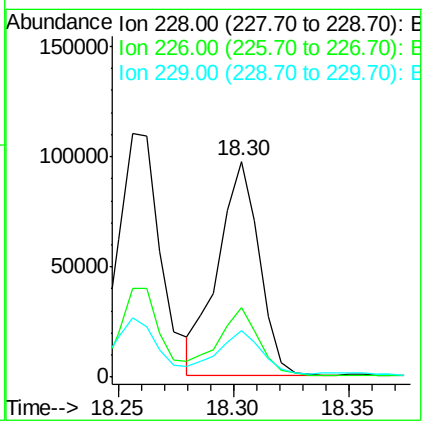


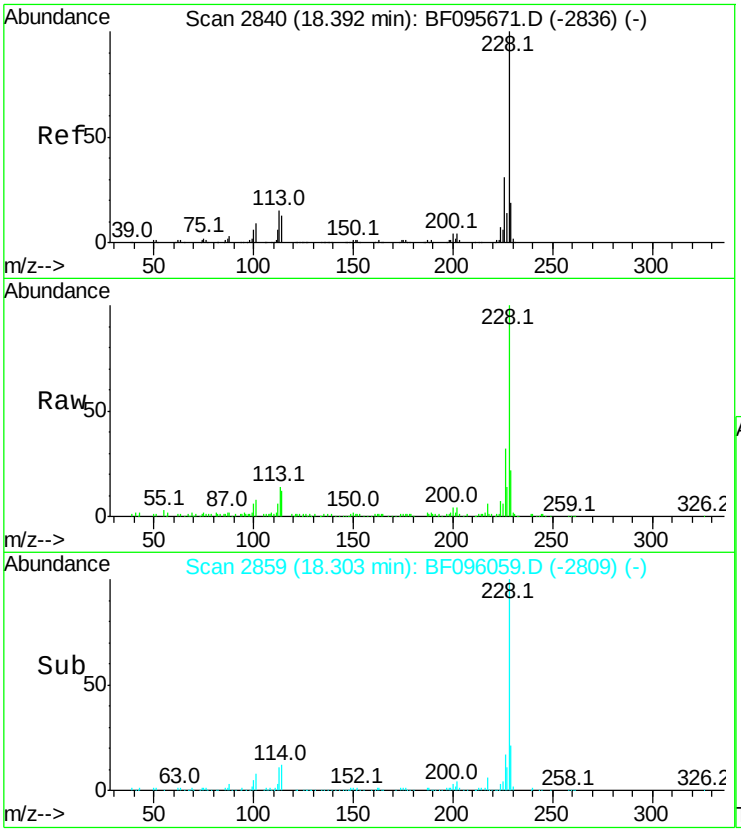


#80
Benzo(a)anthracene
Concen: 15.90 ng
RT: 18.30 min Scan# 2859
Delta R.T. 0.04 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:228 Resp: 120427

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	21.7	16.3	24.5



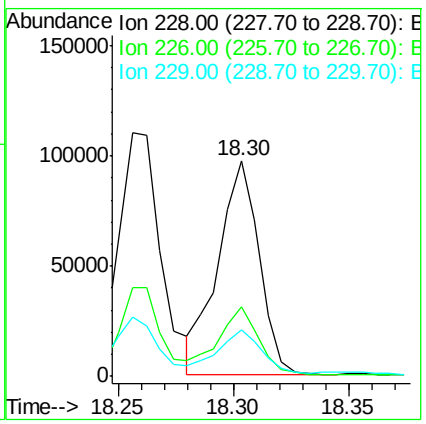


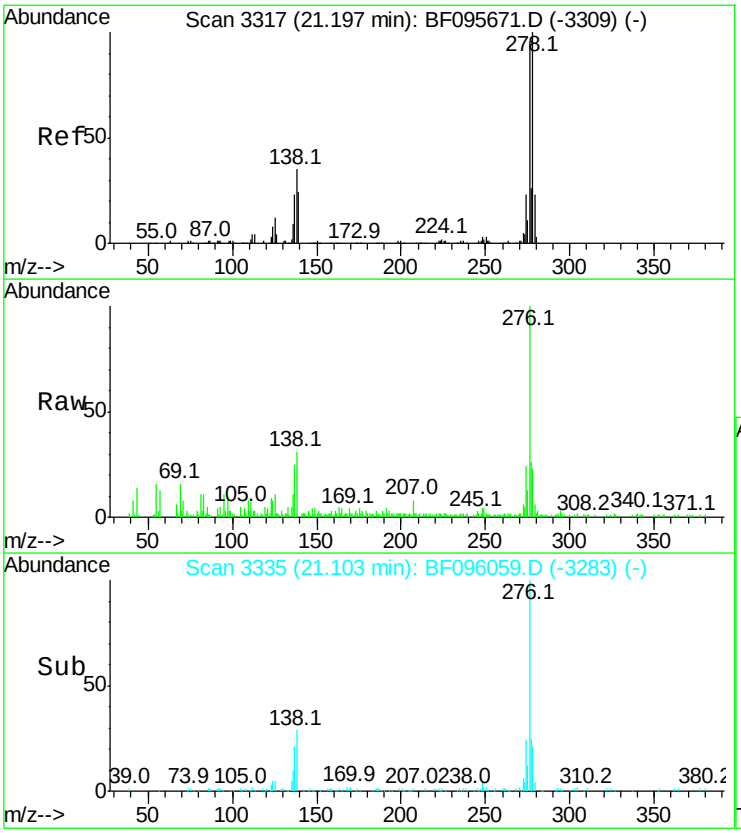
#82
Chrysene
Concen: 15.91 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 120427

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.7	15.8	23.6

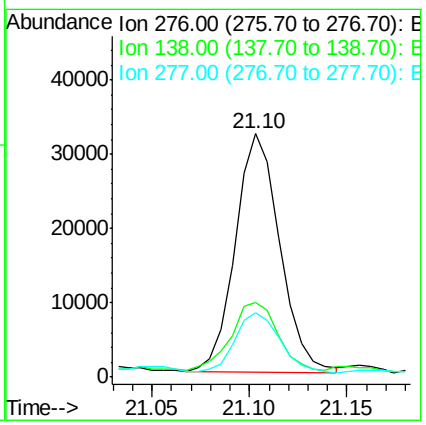


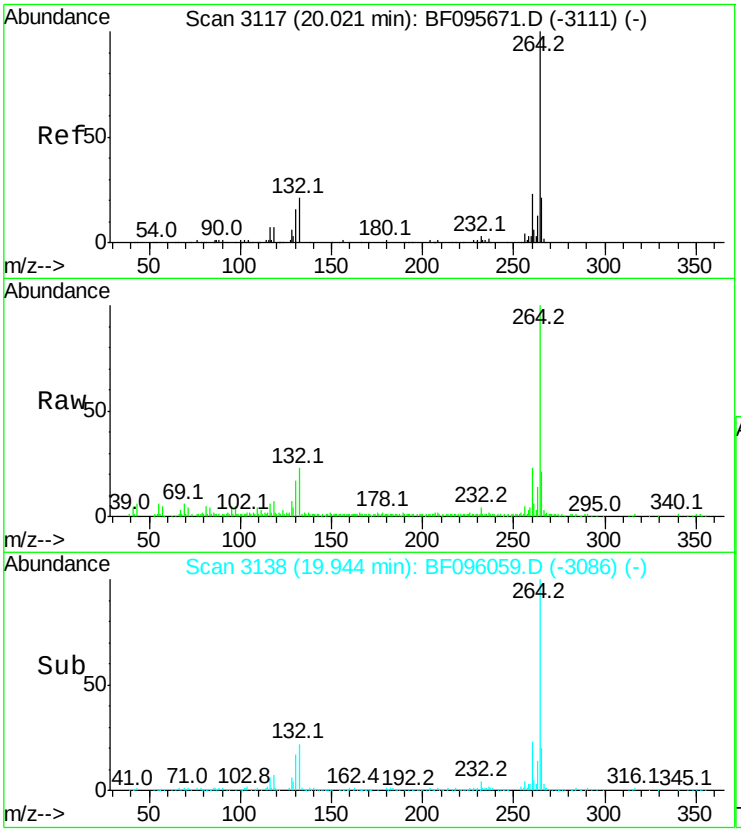


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.82 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:276 Resp: 50644

Ion	Ratio	Lower	Upper
276	100		
138	32.1	27.8	41.6
277	25.8	20.2	30.4



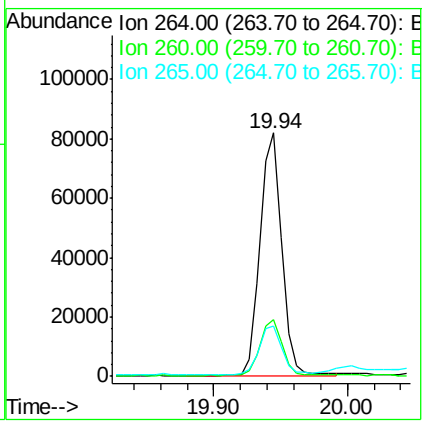


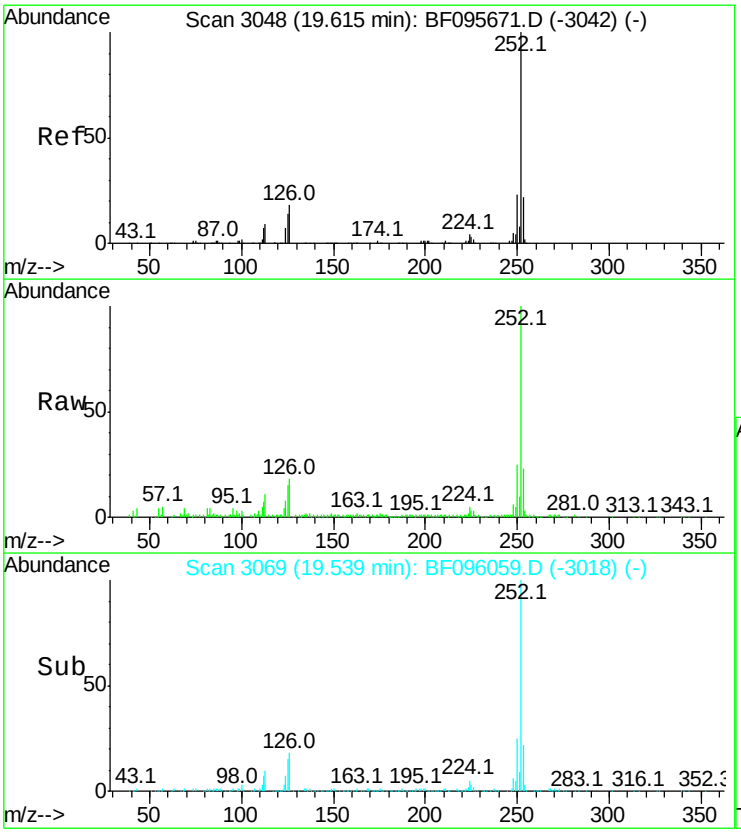
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 93322

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	17.2	25.8

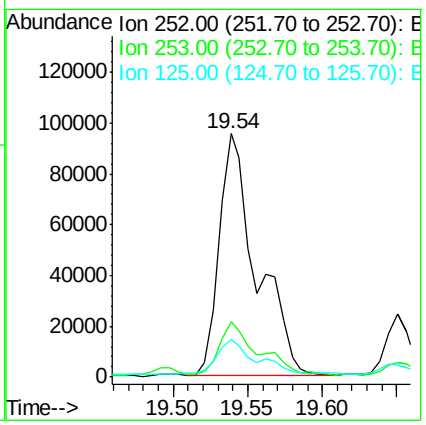


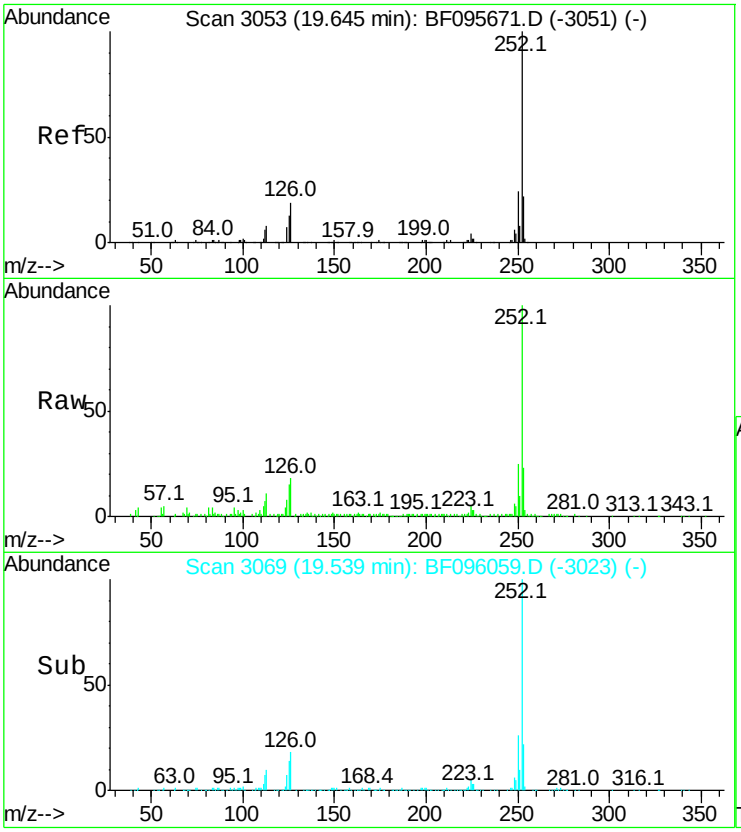


#87
Benzo(b)fluoranthene
Concen: 28.86 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:252 Resp: 168644

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.4	9.8	14.8#



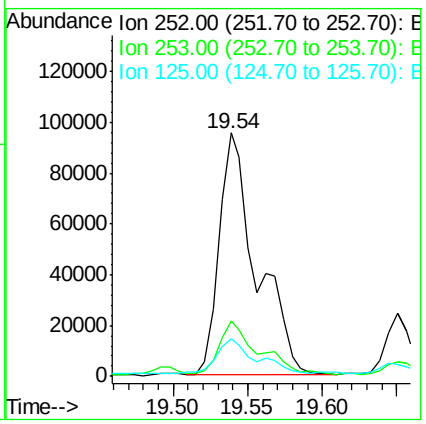


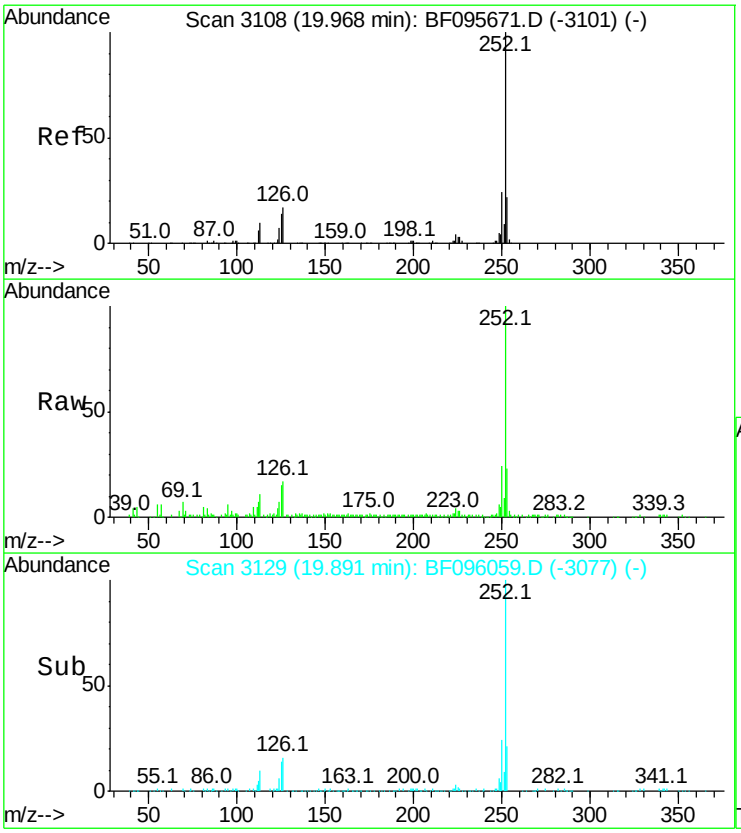
#88
Benzo(k)fluoranthene
Concen: 30.19 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 168644

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	15.4	13.1	19.7

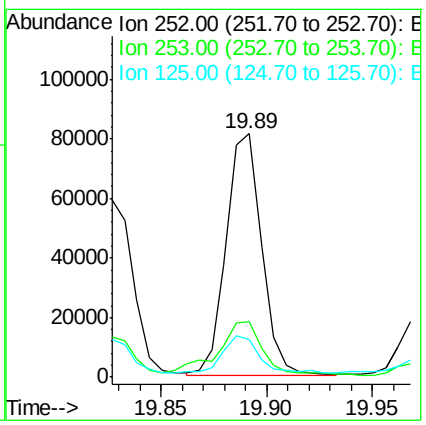


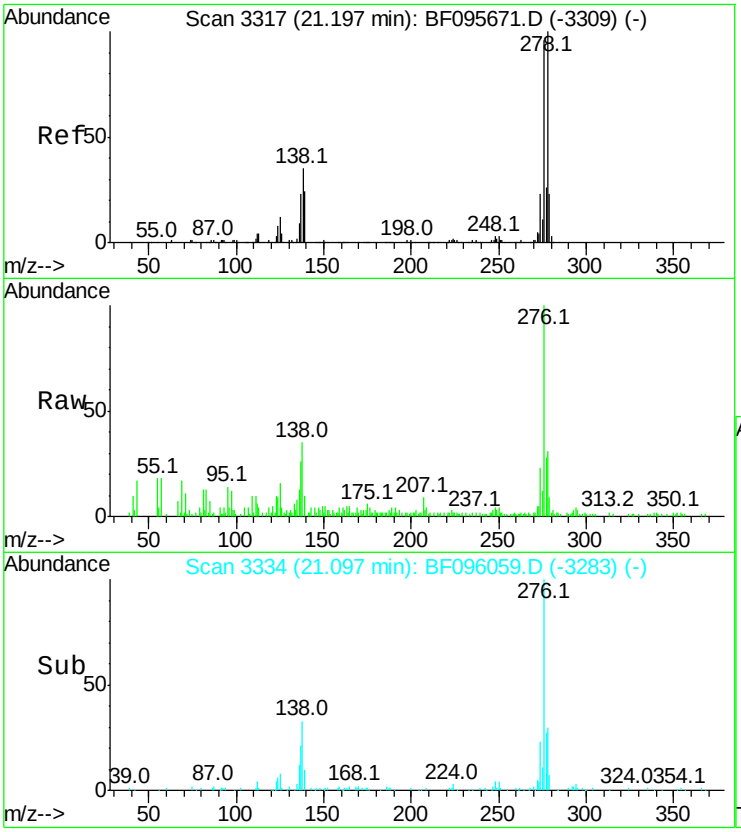


#89
Benzo(a)pyrene
Concen: 17.59 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:252 Resp: 94487

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.2	11.0	16.4



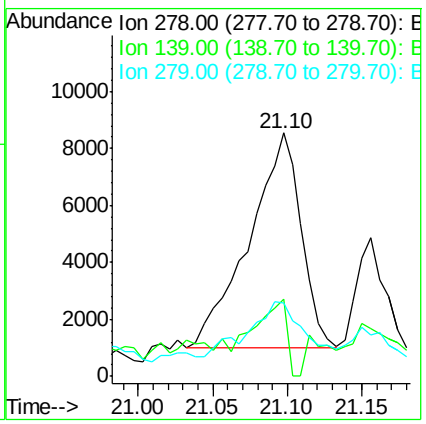


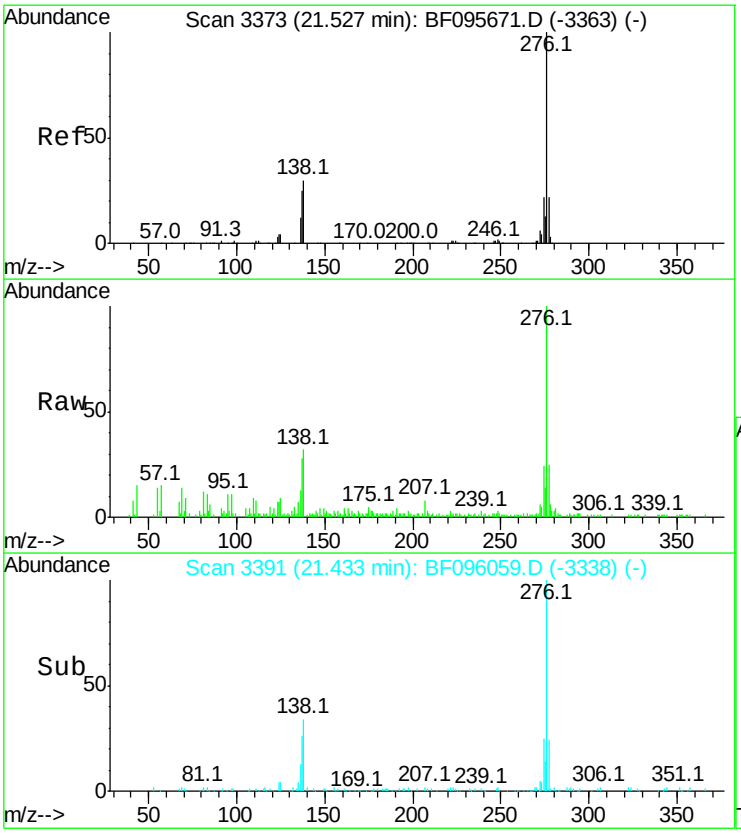
#90
Dibenzo(a,h)anthracene
Concen: 4.02 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 18302

Ion	Ratio	Lower	Upper
278	100		
139	31.7	16.6	24.8#
279	30.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.94 ng
RT: 21.43 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BF096059.D
Acq: 20 Jun 2017 22:56

Tgt Ion:276 Resp: 55435

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	32.5	25.4	38.0