Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
Data File : BF096047.D
Acq On : 20 Jun 2017 16:26
Operator : SJ/MA
Sample : I3693-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-B

Quant Time: Jun 20 17:15:49 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	74318	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	296174	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	118459	20.00	ng		0.00
63) Phenanthrene-d10	14.53	188	178345	20.00	ng		0.00
75) Chrysene-d12	18.27	240	149230	20.00	ng		0.00
86) Perylene-d12	19.94	264	116793	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	233217	50.00	ng		0.00
7) Phenol-d6	6.87	99	294601	52.76	ng		0.00
23) Nitrobenzene-d5	8.21	82	169889	35.62	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	39560	37.74	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	323722	38.03	ng		0.00
78) Terphenyl-d14	16.92	244	198492	33.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	47583	21.446	ng	#	21
19) n-Nitroso-di-n-propylamine	8.21	70	21366	6.038	ng	#	72
49) Dimethylphthalate	11.80	163	60862	6.767	ng		99
51) Acenaphthene	12.20	154	16528	2.194	ng		97
54) Dibenzofuran	12.49	168	24925	2.351	ng		92
55) 4-Nitrophenol	12.50	139	8514	10.638	ng	#	25
57) Fluorene	13.04	166	31781	3.444	ng		96
70) Phenanthrene	14.57	178	189251	18.391	ng		97
71) Anthracene	14.66	178	73744	6.864	ng		97
74) Fluoranthene	16.36	202	232442	22.822	ng		99
77) Pyrene	16.67	202	209701	18.833	ng		97
80) Benzo(a)anthracene	18.26	228	119620	13.787	ng		98
82) Chrysene	18.30	228	112519	12.977	ng		98
85) Indeno(1,2,3-cd)pyrene	21.11	276	53753	7.246	ng	#	91
87) Benzo(b)fluoranthene	19.54	252	184094	25.173	ng	#	97
88) Benzo(k)fluoranthene	19.54	252	184094	26.336	ng		98
89) Benzo(a)pyrene	19.89	252	98916	14.716	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	16521	2.898	ng	#	80
91) Benzo(g,h,i)perylene	21.44	276	48074	8.270	ng		98

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

Quantitation Report (Not Reviewed)

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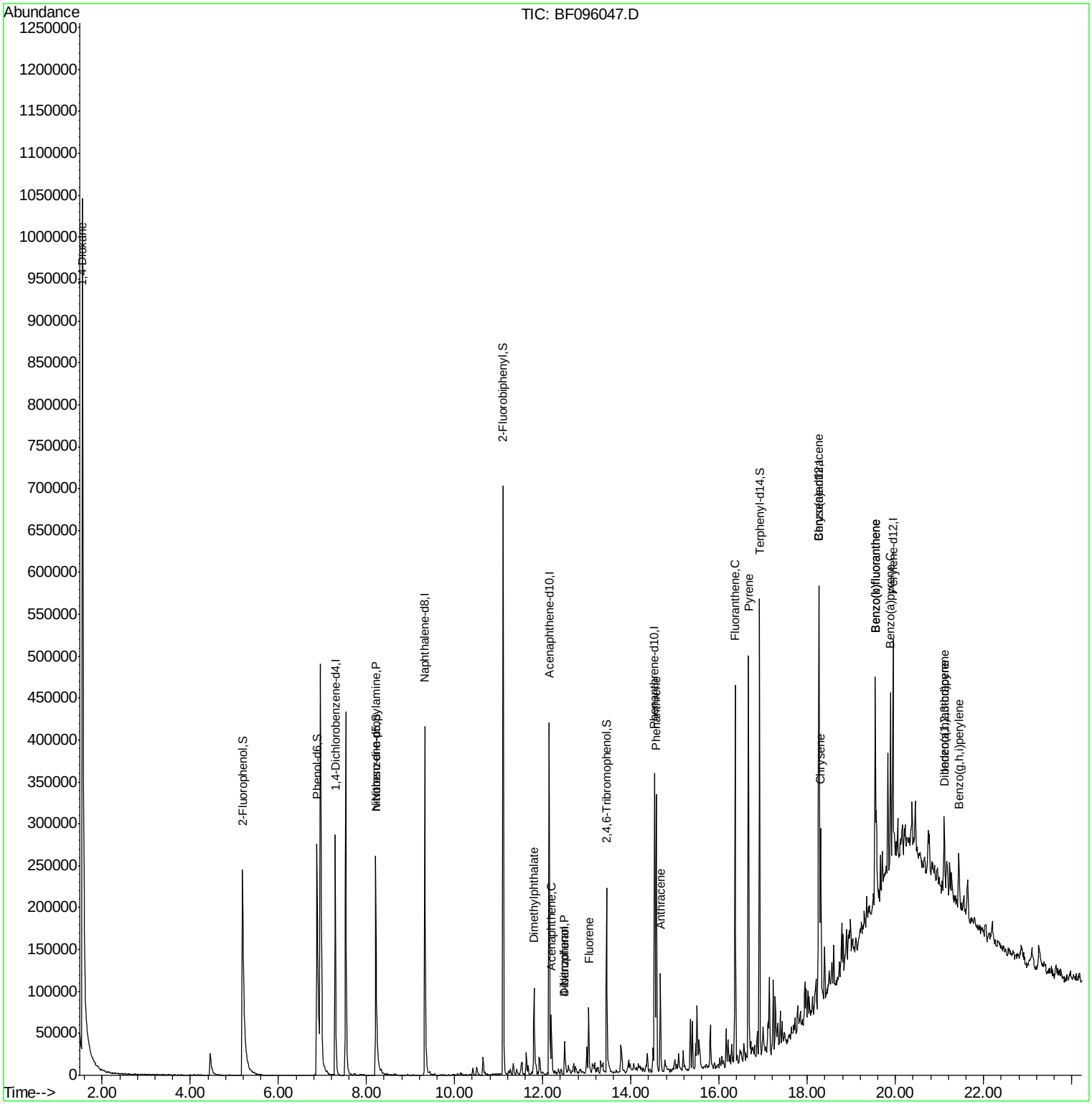
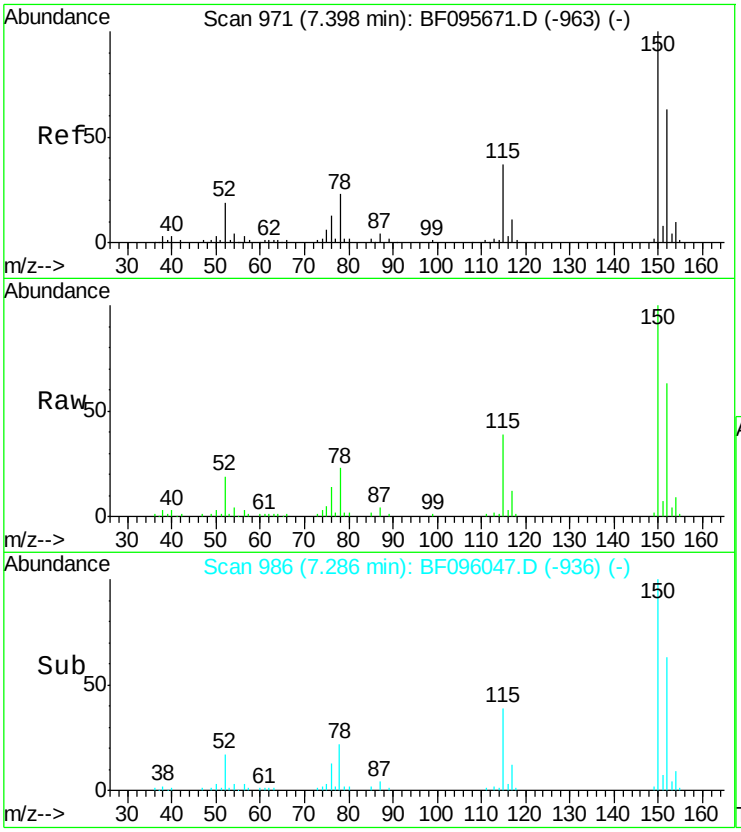


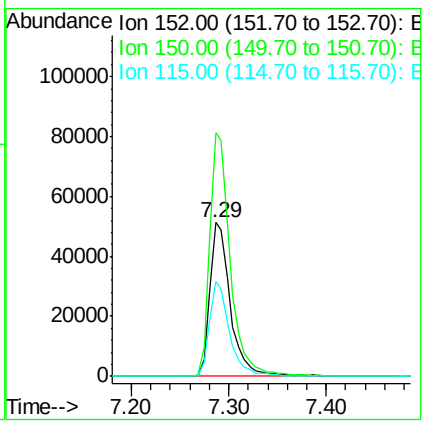


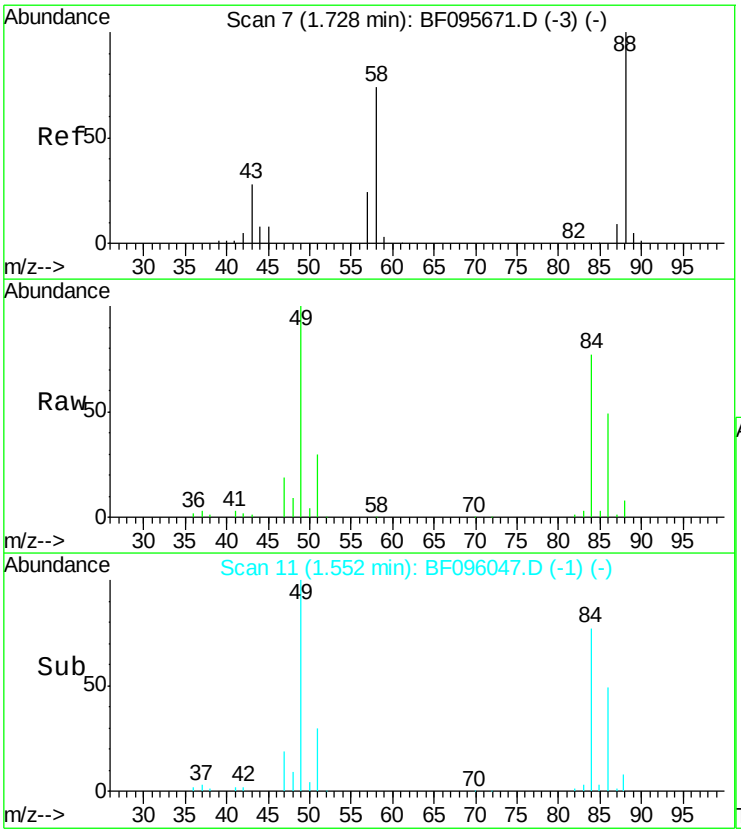
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:152 Resp: 74318

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.8	52.2	78.2

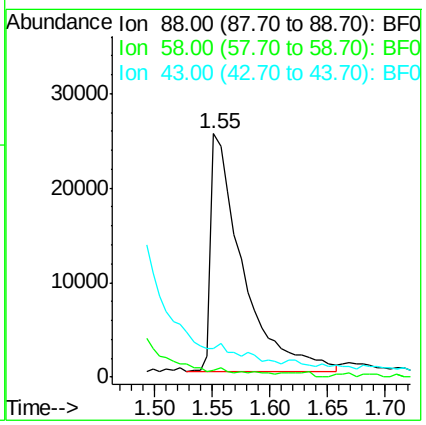


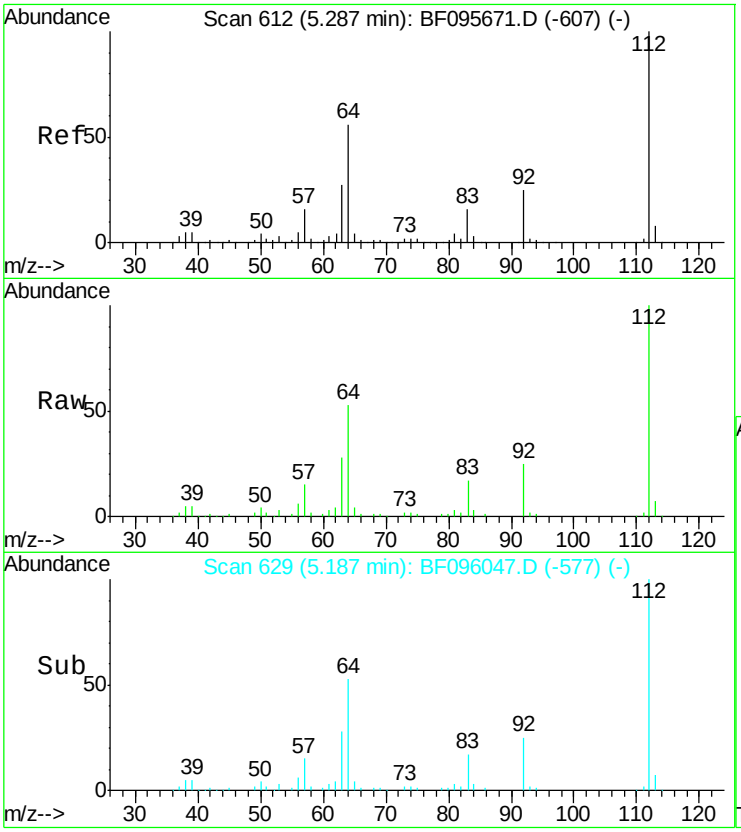


#2
1,4-Dioxane
Concen: 21.446 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion: 88 Resp: 47583

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



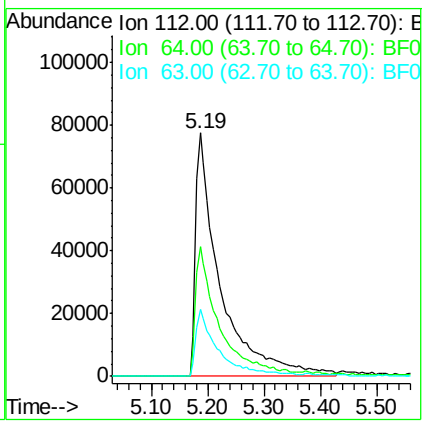


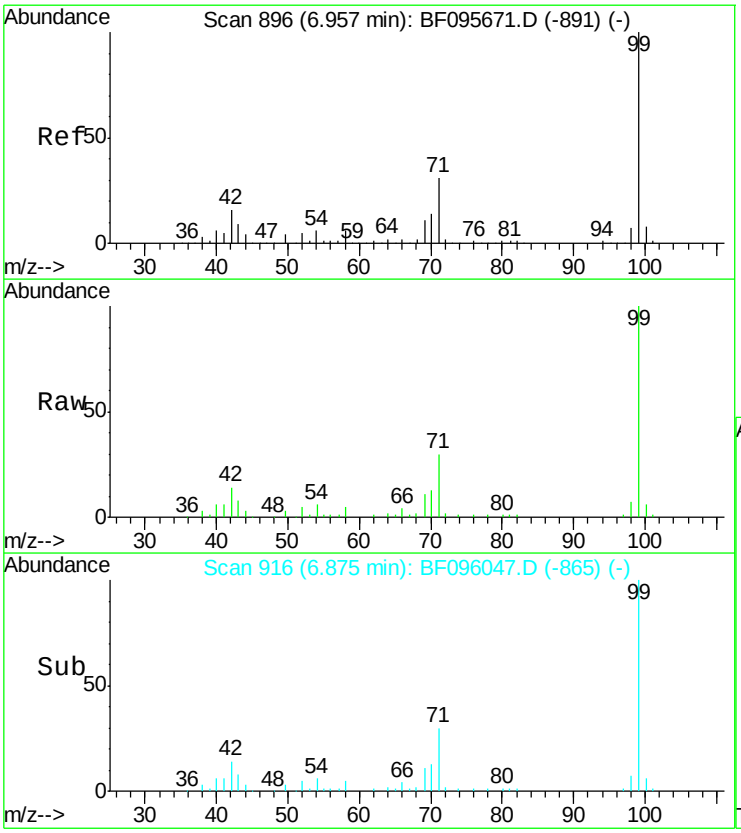
#5
2-Fluorophenol
Concen: 50.004 ng
RT: 5.19 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:112 Resp: 233217

Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.0	69.0
63	27.6	23.4	35.0

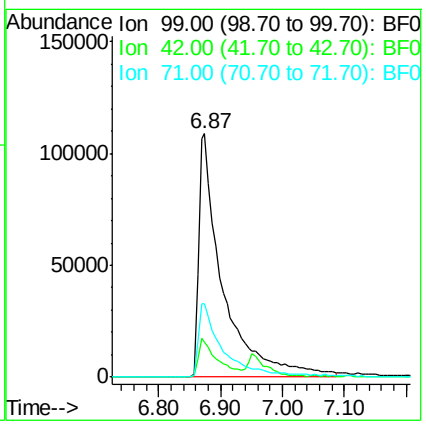


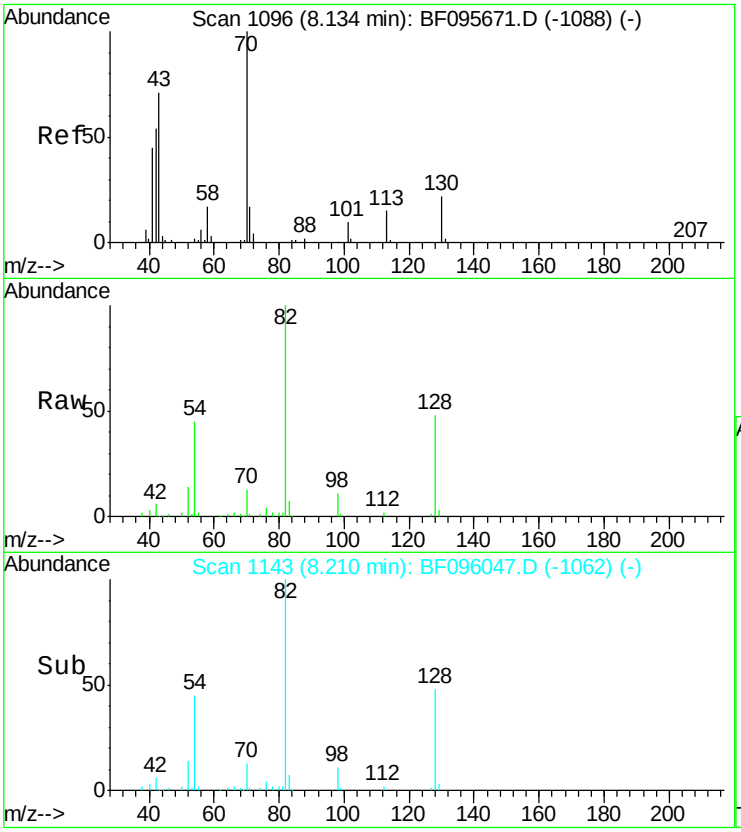


#7
Phenol-d6
Concen: 52.762 ng
RT: 6.87 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion: 99 Resp: 294601

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	30.0	24.5	36.7



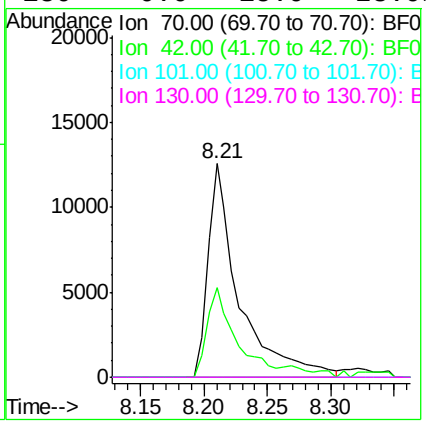


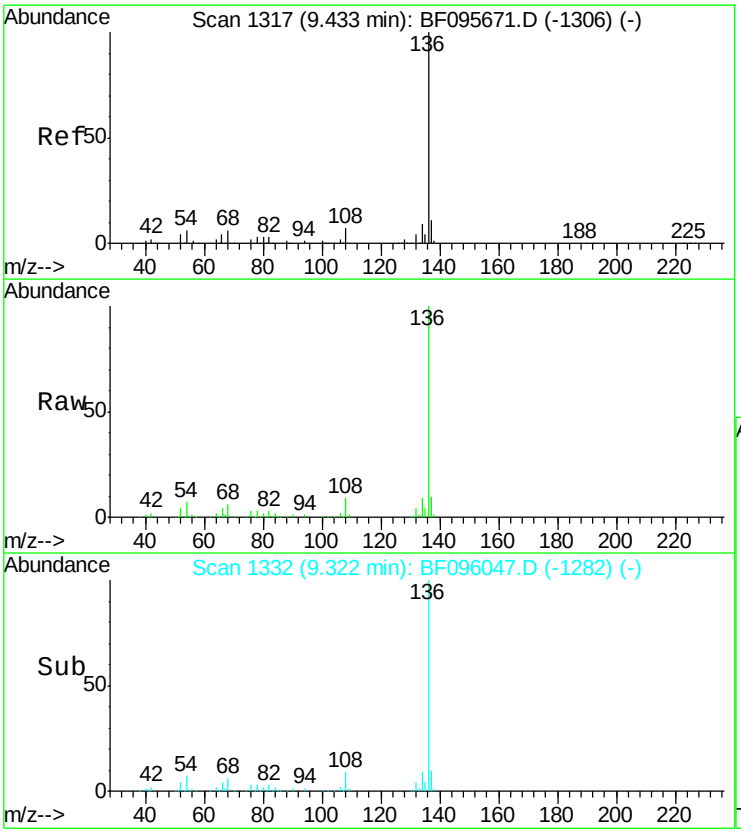
#19
n-Nitroso-di-n-propylamine
Concen: 6.038 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion: 70 Resp: 21366

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

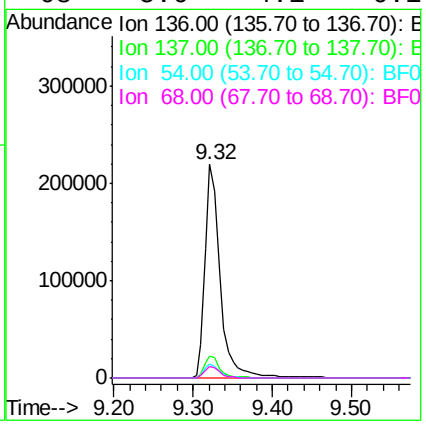


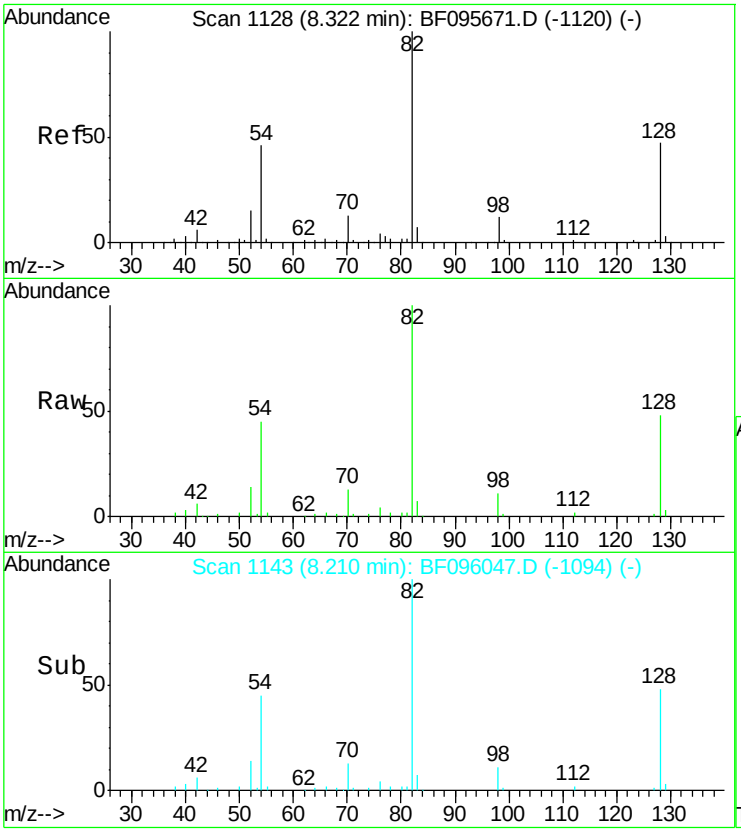


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:136 Resp: 296174

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.7	4.9	7.3
68	5.6	4.1	6.1



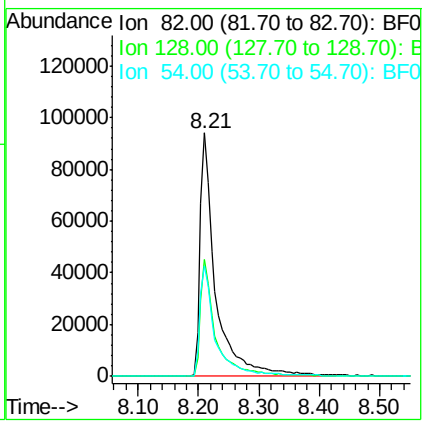


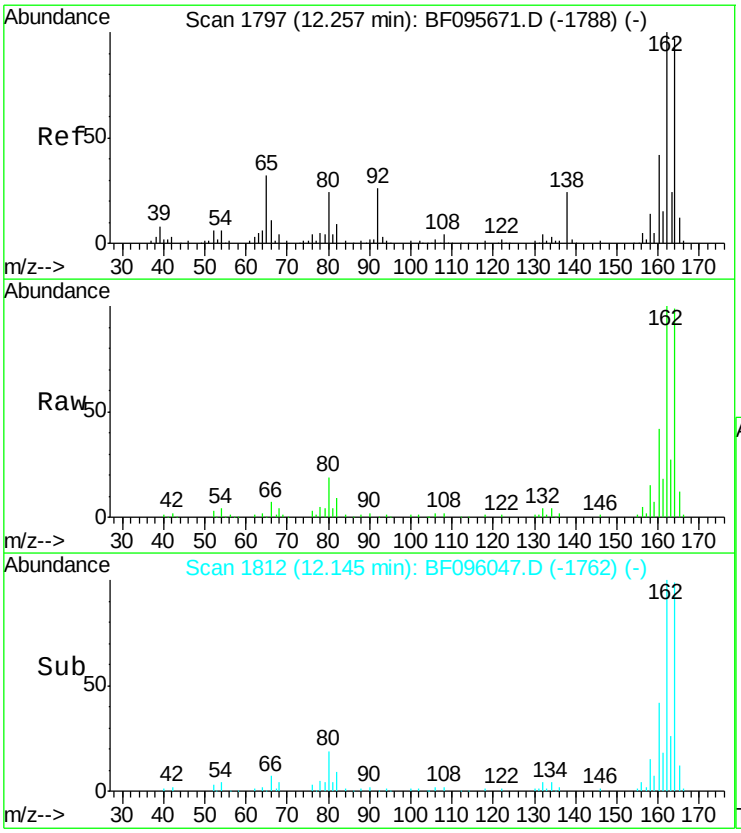
#23
Nitrobenzene-d5
Concen: 35.624 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion: 82 Resp: 169889

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	45.4	42.2	63.2

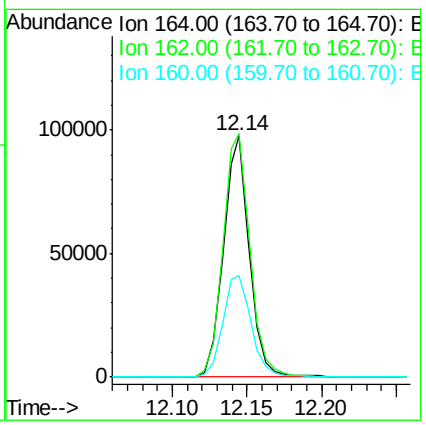


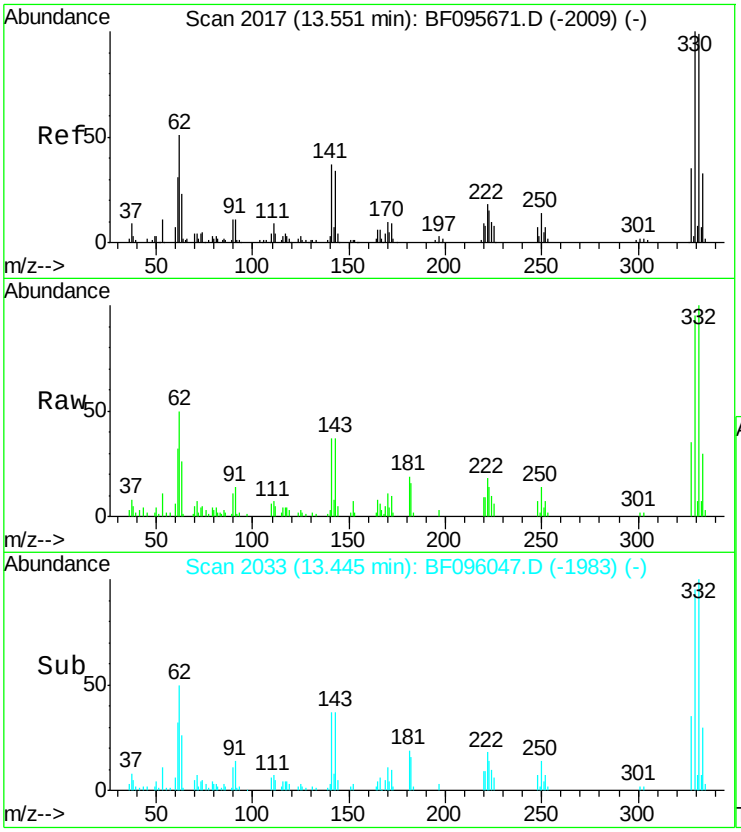


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:164 Resp: 118459

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	42.1	36.2	54.2



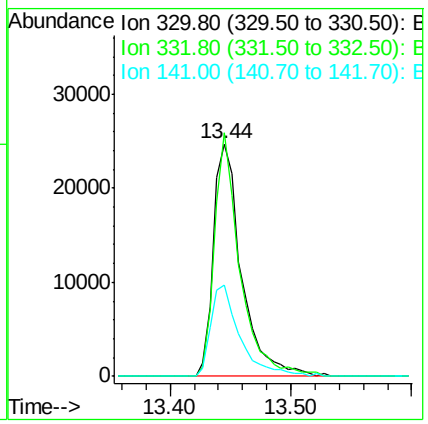


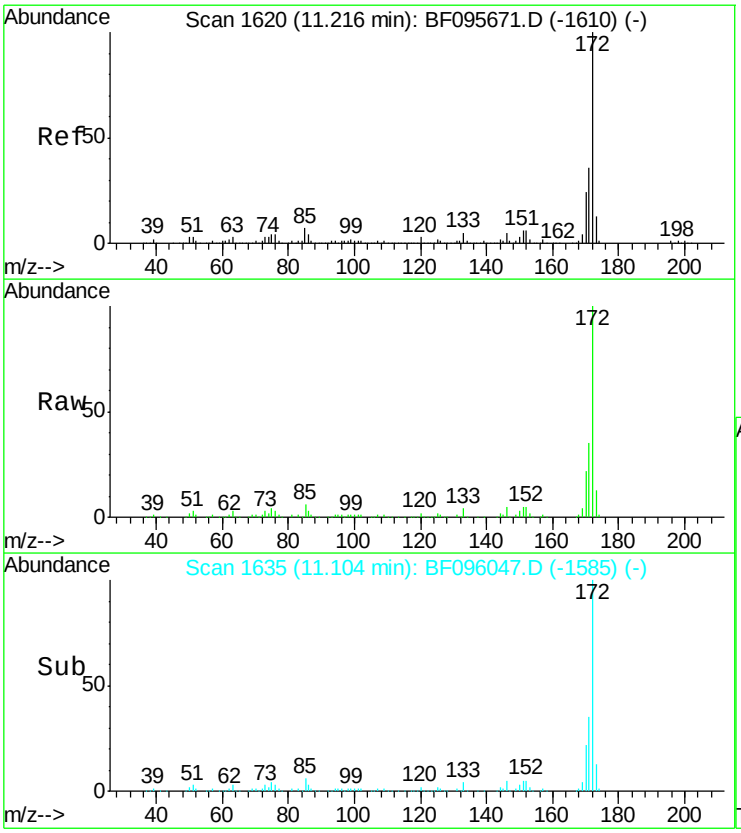
#41
2,4,6-Tribromophenol
Concen: 37.745 ng
RT: 13.44 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:330 Resp: 39560

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	40.7	31.4	47.2

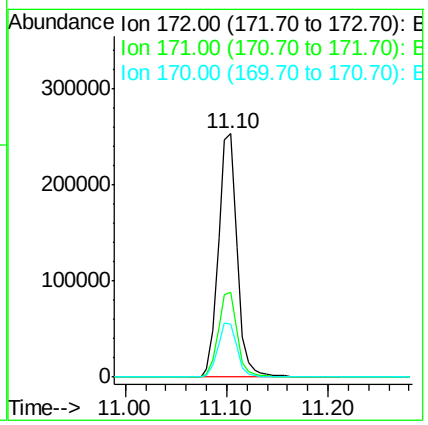


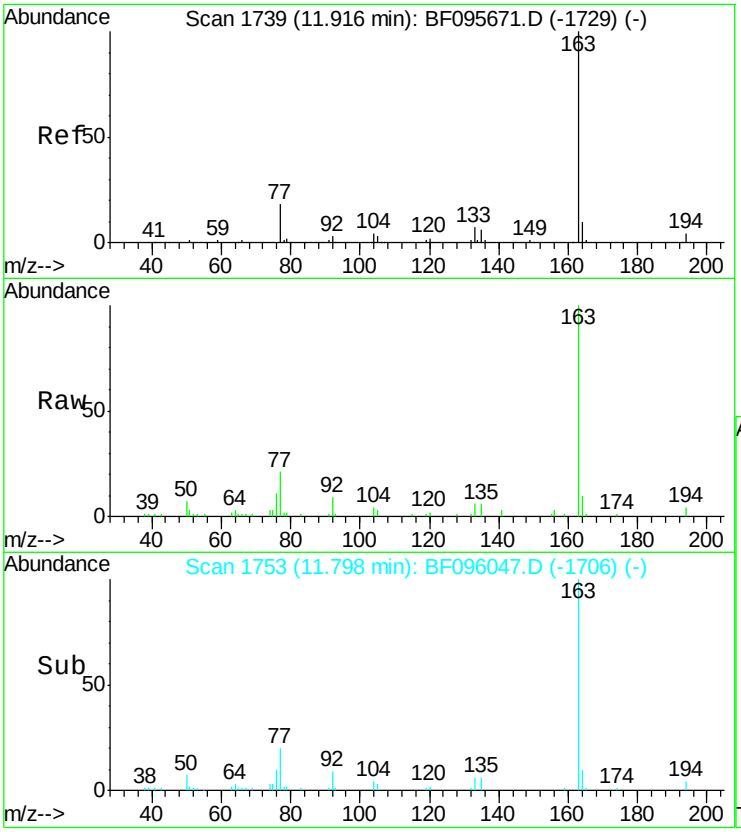


#44
2-Fluorobiphenyl
Concen: 38.029 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:172 Resp: 323722

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	21.8	19.8	29.8



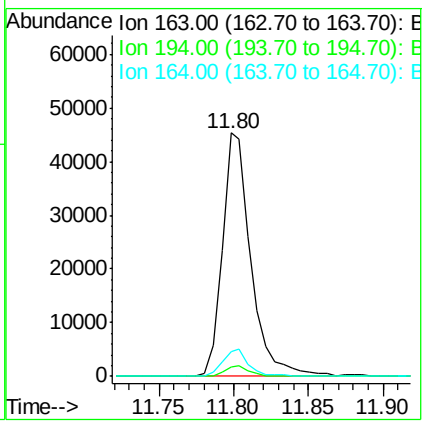


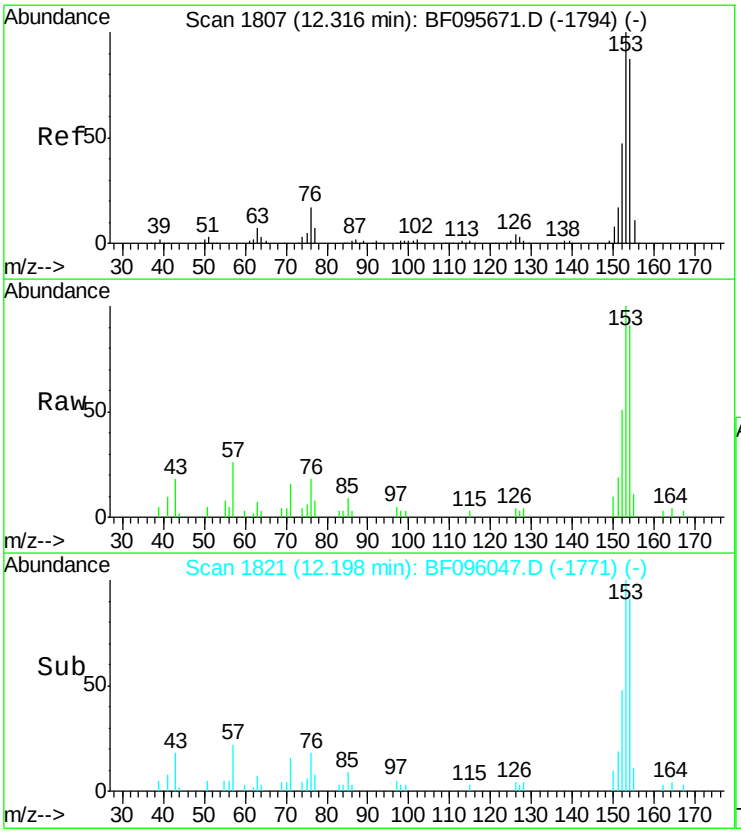
#49
Dimethylphthalate
Concen: 6.767 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:163 Resp: 60862

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6

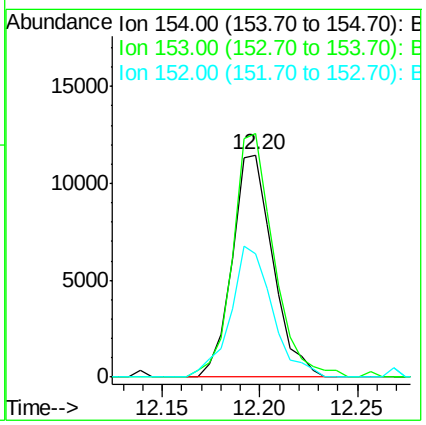


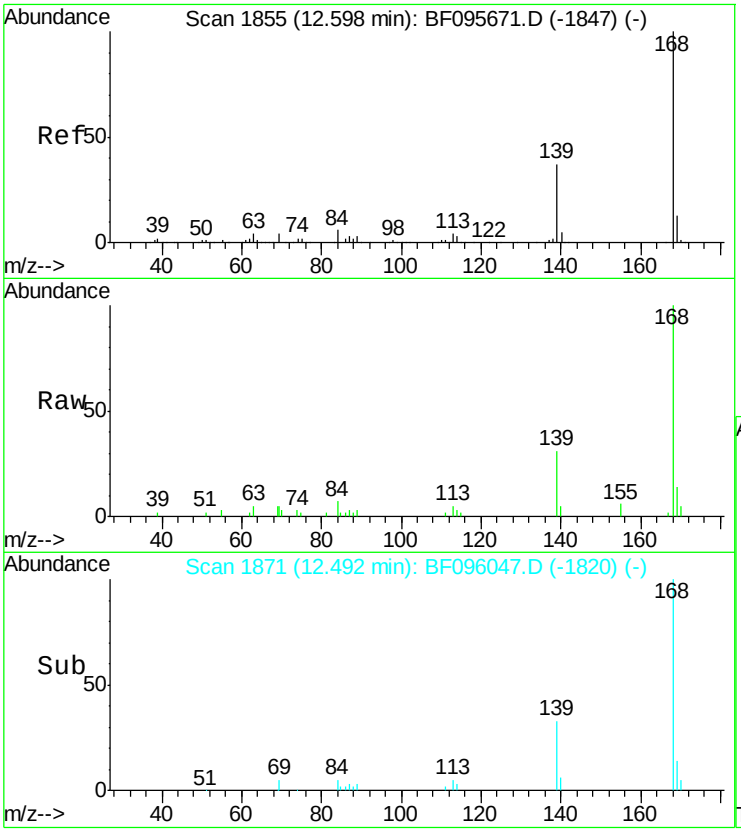


#51
Acenaphthene
Concen: 2.194 ng
RT: 12.20 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:154 Resp: 16528

Ion	Ratio	Lower	Upper
154	100		
153	109.7	90.5	135.7
152	55.4	43.6	65.4



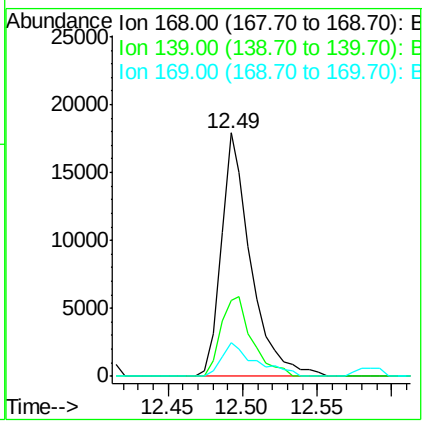


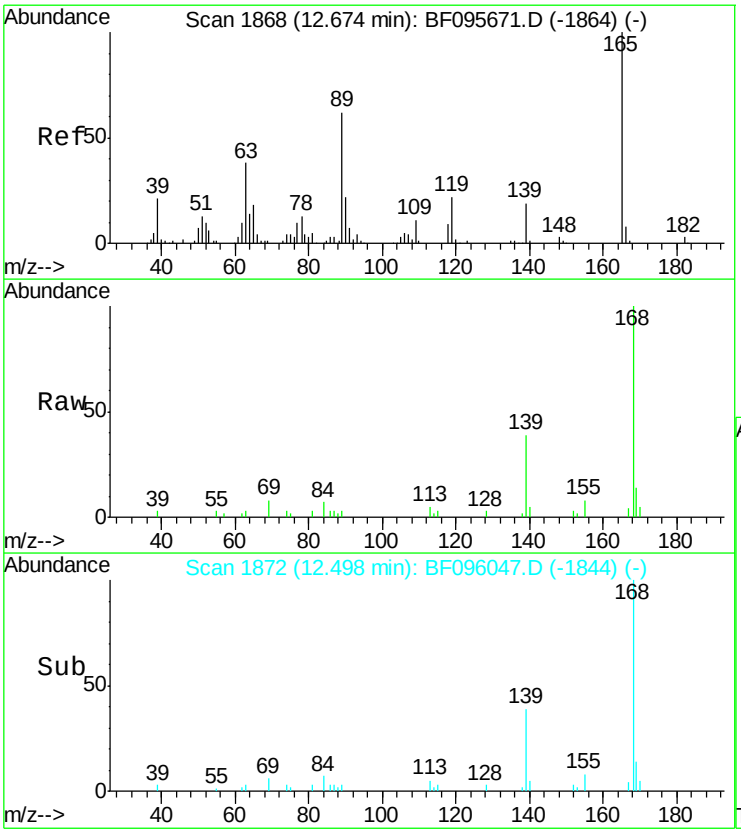
#54
Dibenzofuran
Concen: 2.351 ng
RT: 12.49 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:168 Resp: 24925

Ion	Ratio	Lower	Upper
168	100		
139	31.4	30.6	45.8
169	13.8	10.8	16.2

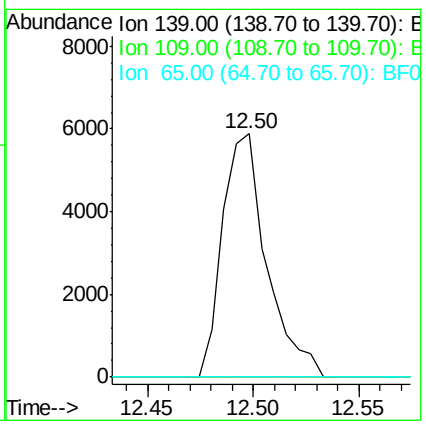


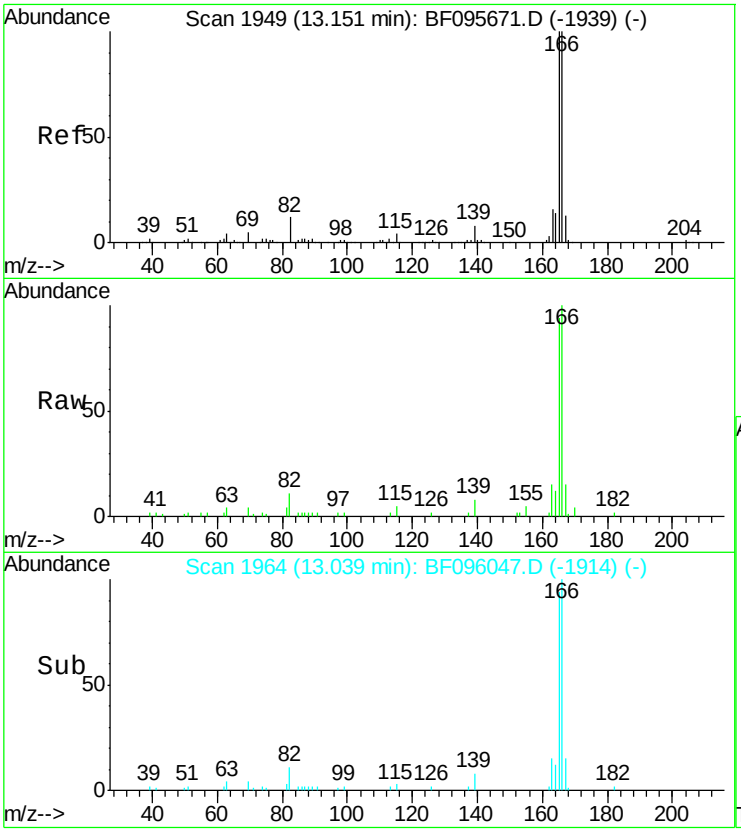


#55
4-Nitrophenol
Concen: 10.638 ng
RT: 12.50 min Scan# 1872
Delta R.T. -0.14 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:139 Resp: 8514

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



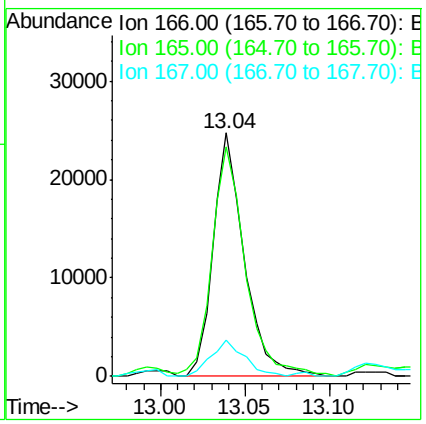


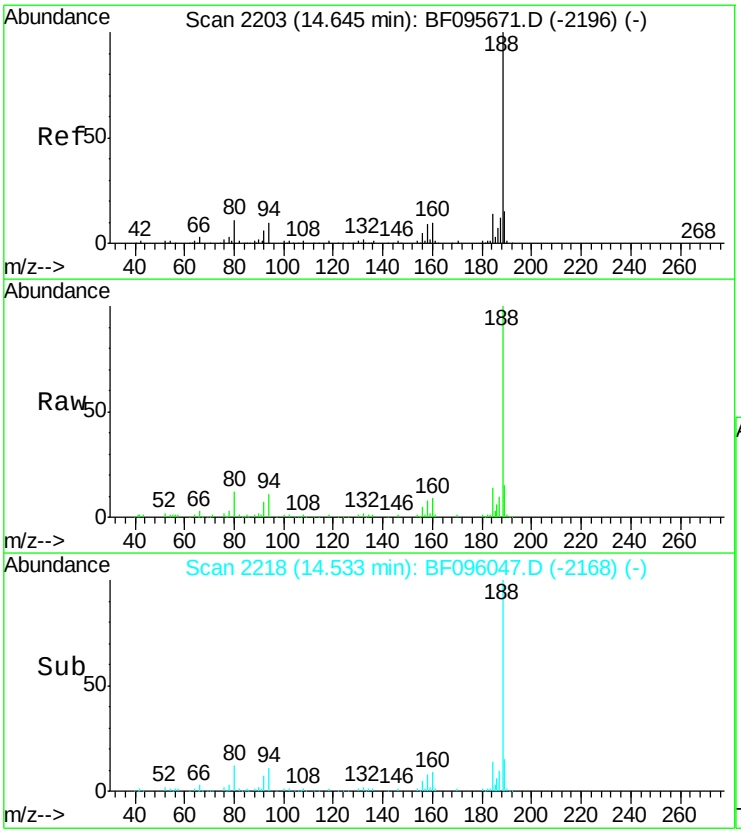
#57
Fluorene
Concen: 3.444 ng
RT: 13.04 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:166 Resp: 31781

Ion	Ratio	Lower	Upper
166	100		
165	94.0	78.8	118.2
167	14.7	10.6	16.0

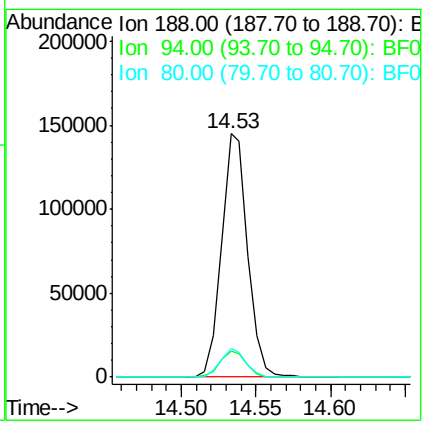


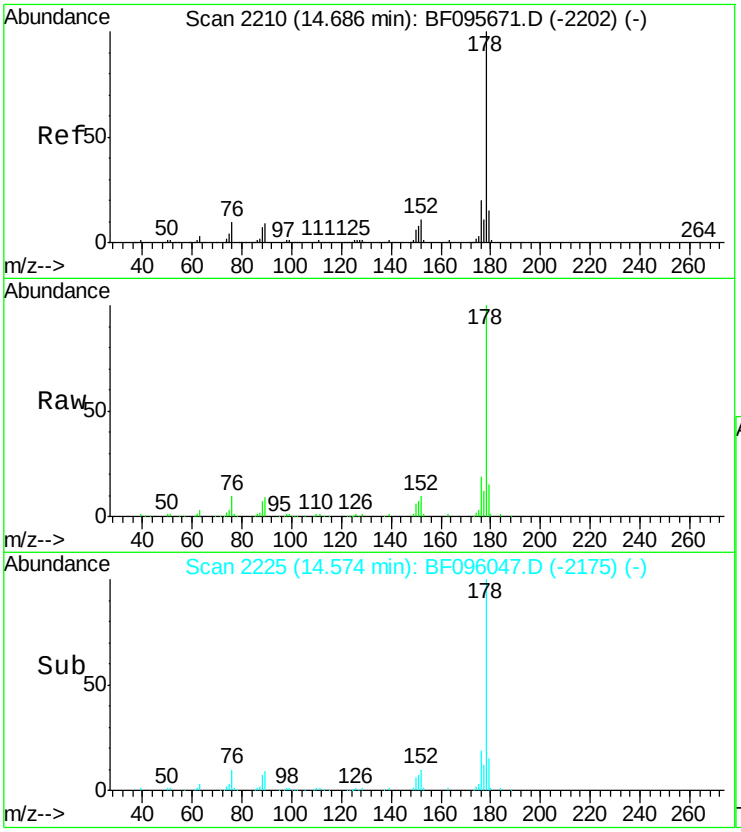


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:188 Resp: 178345

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.6	10.2	15.2



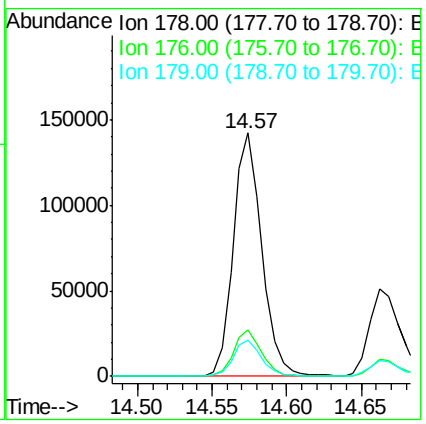


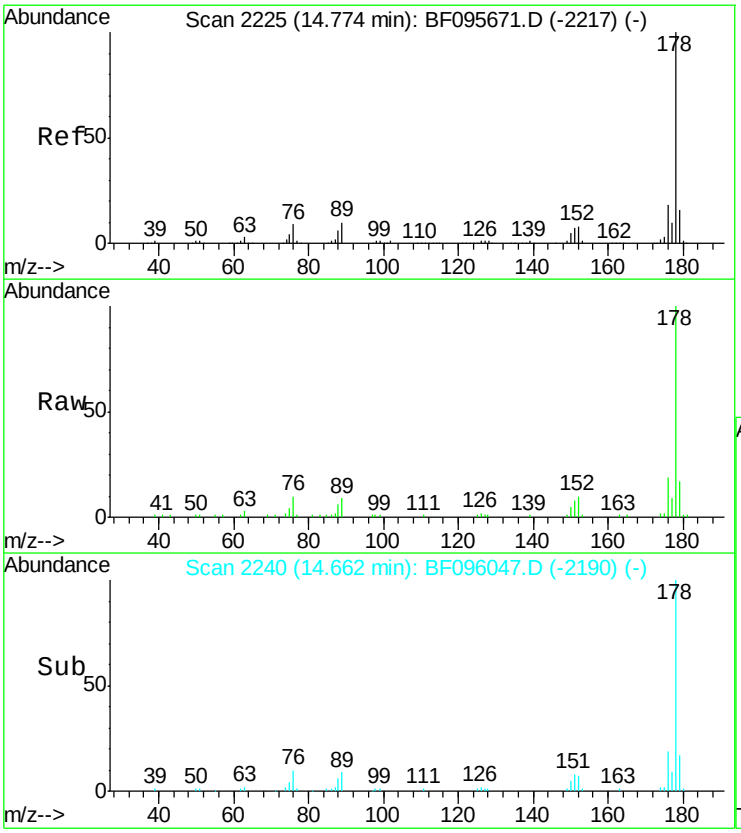
#70
Phenanthrene
Concen: 18.391 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:178 Resp: 189251

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.7	12.6	19.0

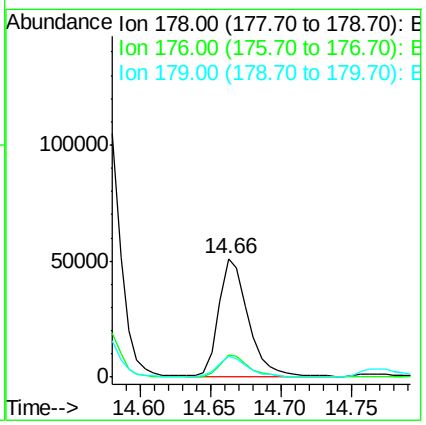


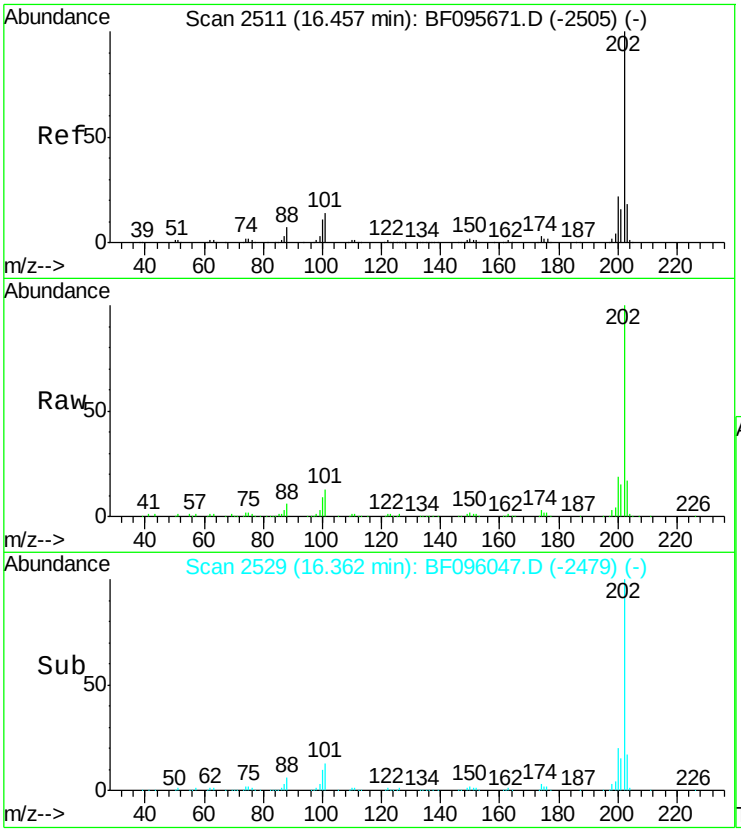


#71
Anthracene
Concen: 6.864 ng
RT: 14.66 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:178 Resp: 73744

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	17.5	12.7	19.1



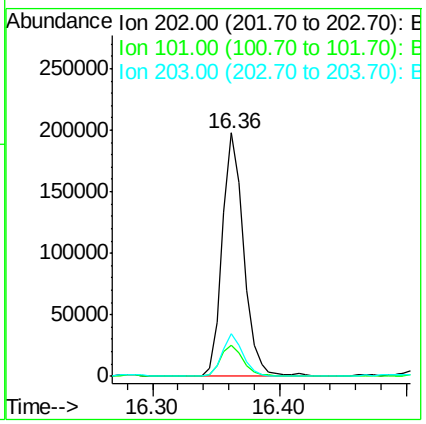


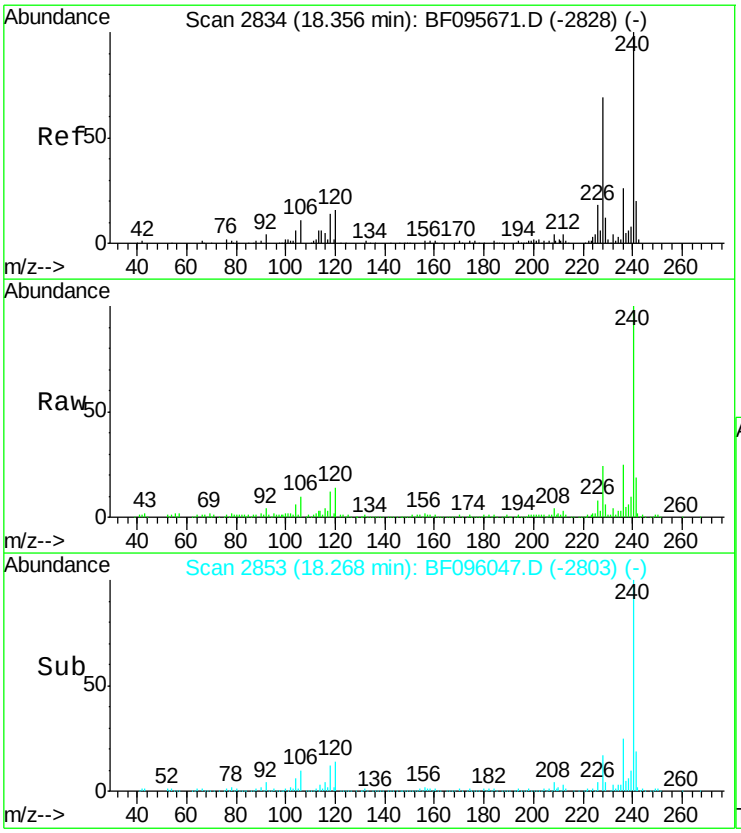
#74
Fluoranthene
Concen: 22.822 ng
RT: 16.36 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:202 Resp: 232442

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.3	0.0	38.1

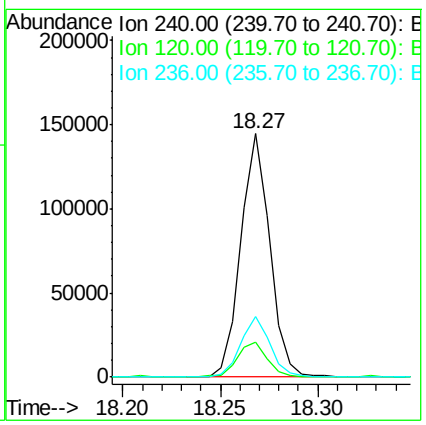


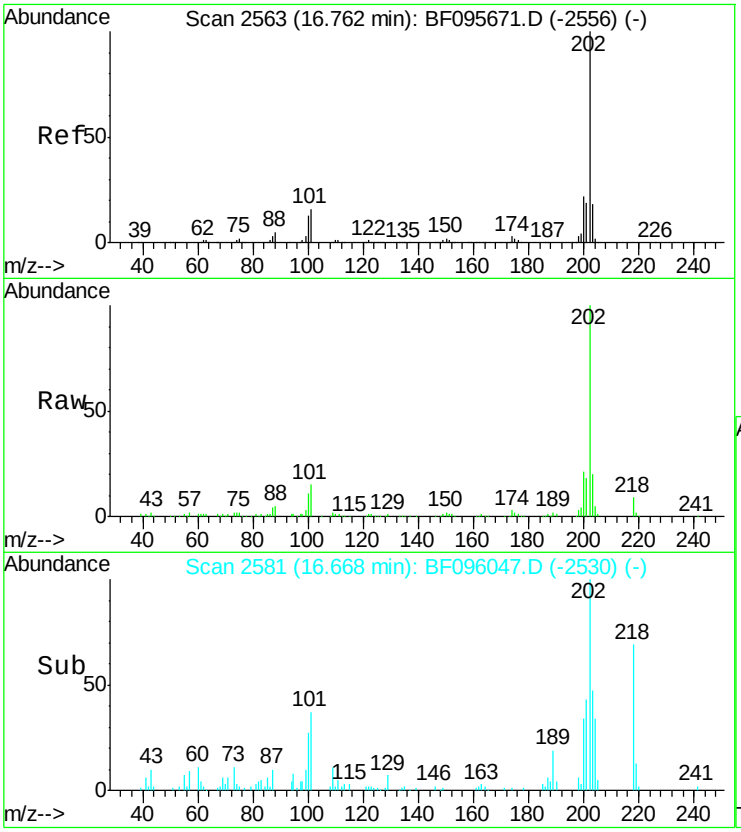


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:240 Resp: 149230

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7



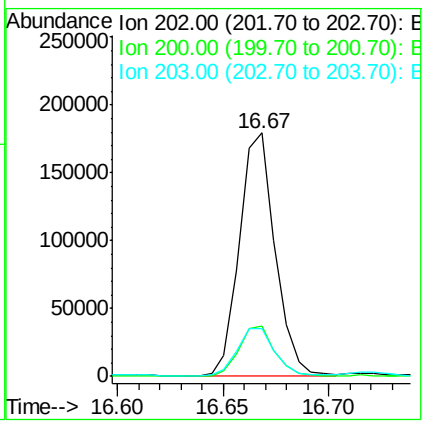


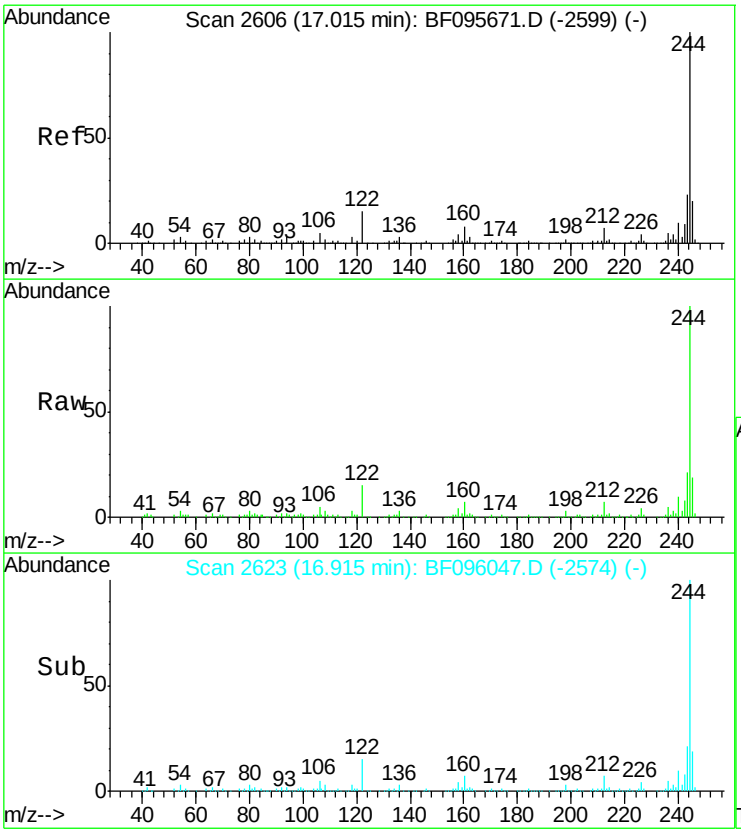
#77
Pyrene
Concen: 18.833 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:202 Resp: 209701

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	19.7	14.4	21.6

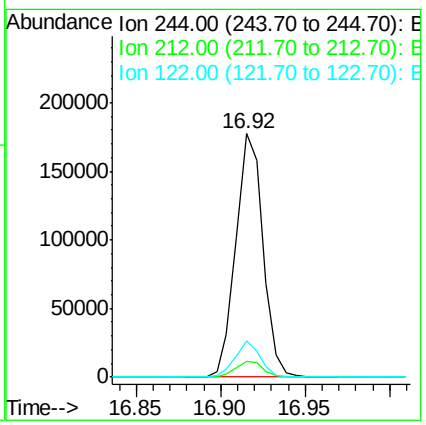


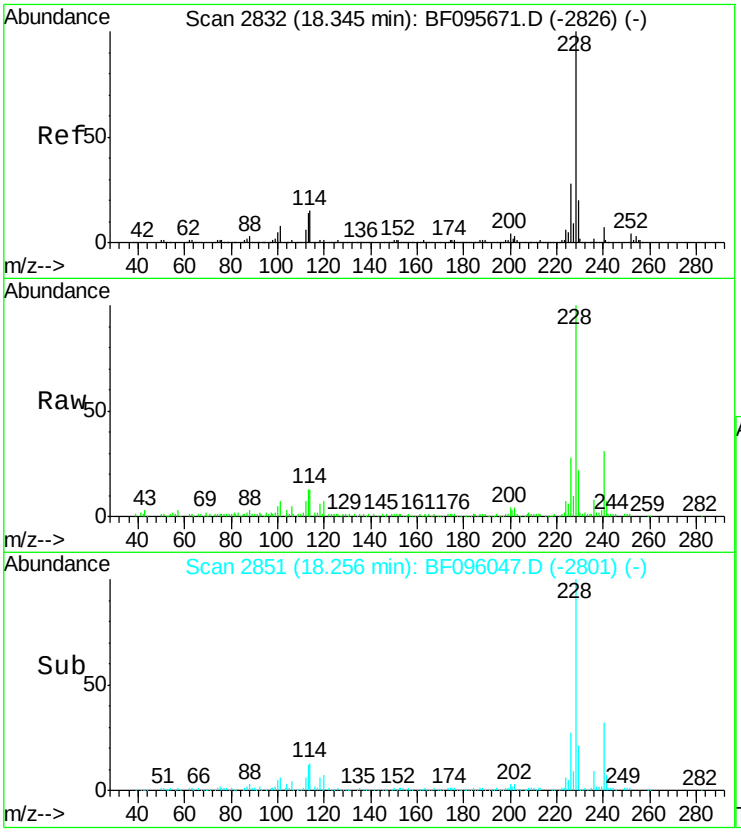


#78
Terphenyl-d14
Concen: 33.010 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:244 Resp: 198492

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.0	10.3	15.5



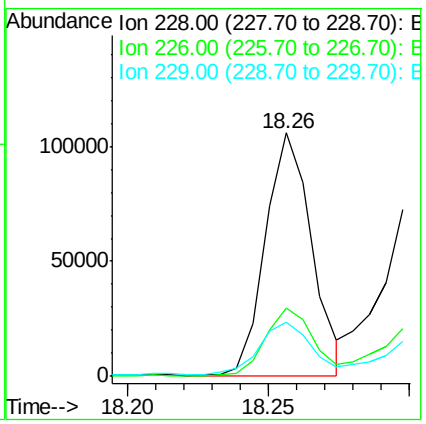


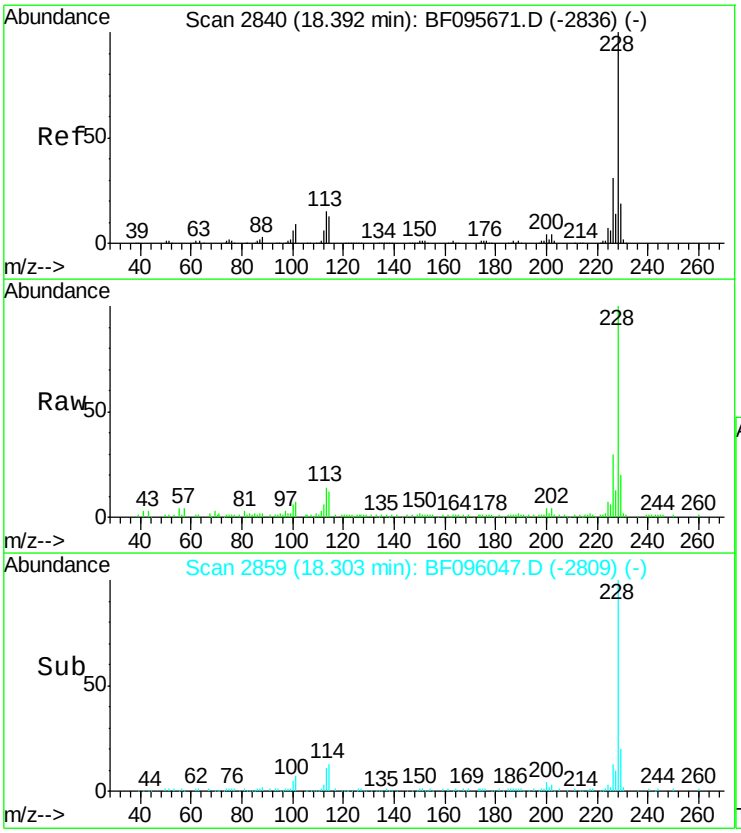
#80
Benzo(a)anthracene
Concen: 13.787 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:228 Resp: 119620

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	22.1	16.3	24.5

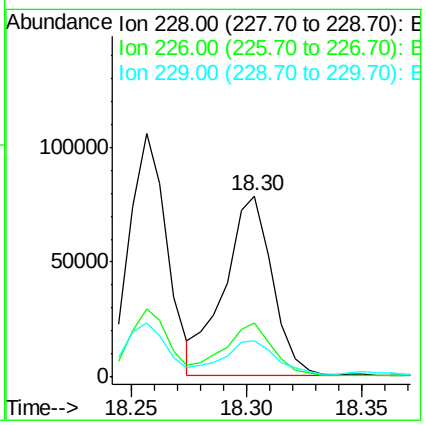


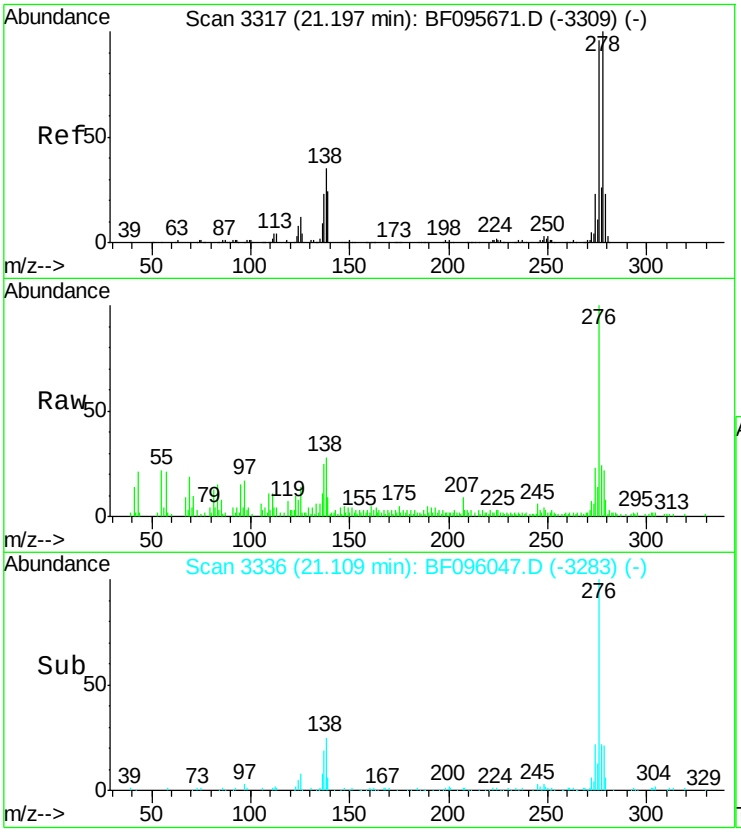


#82
Chrysene
Concen: 12.977 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:228 Resp: 112519

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.1	15.8	23.6



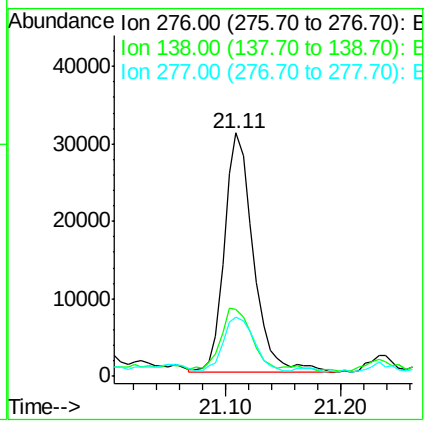


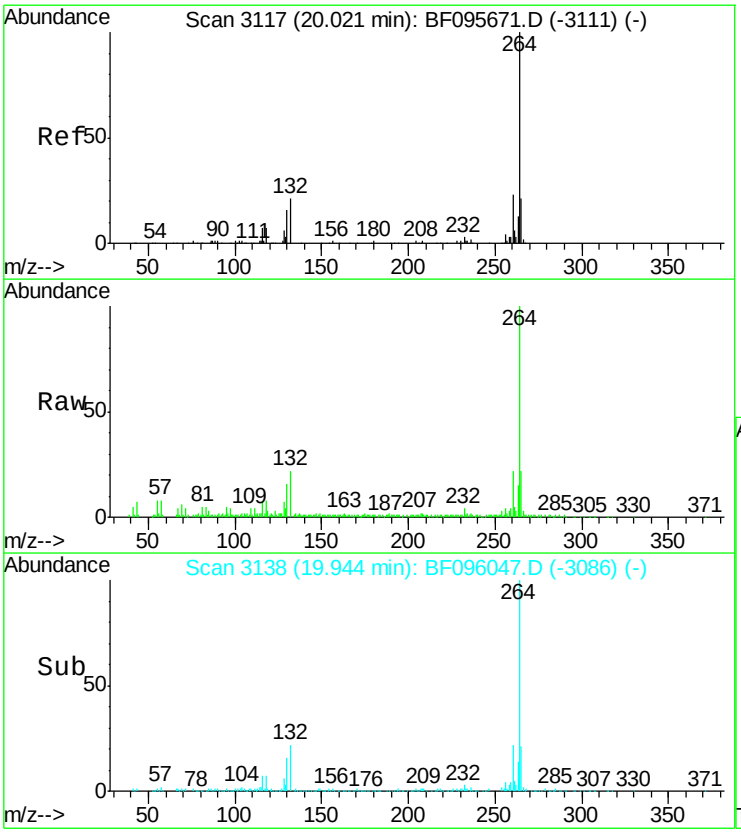
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.246 ng
RT: 21.11 min Scan# 3336
Delta R.T. 0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:276 Resp: 53753

Ion	Ratio	Lower	Upper
276	100		
138	27.0	27.8	41.6#
277	23.6	20.2	30.4

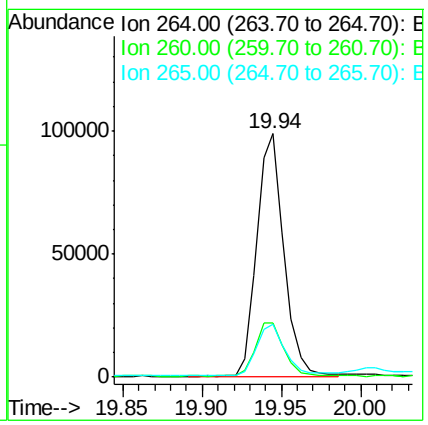


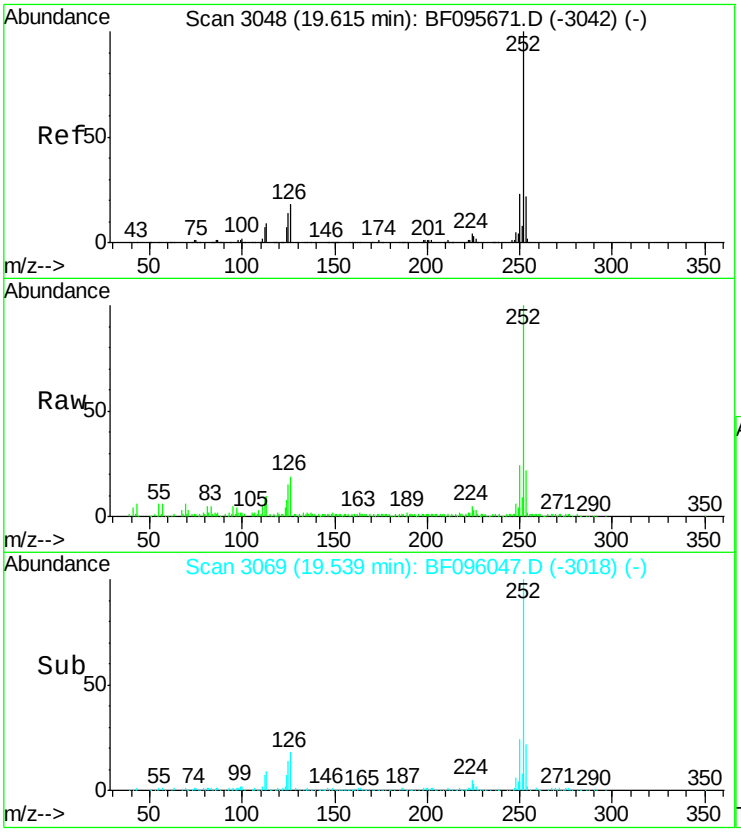


#86
Perylene-d12
Concen: 20.000 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:264 Resp: 116793

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.9	17.2	25.8



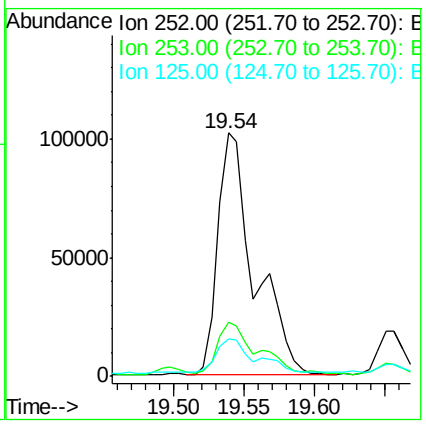


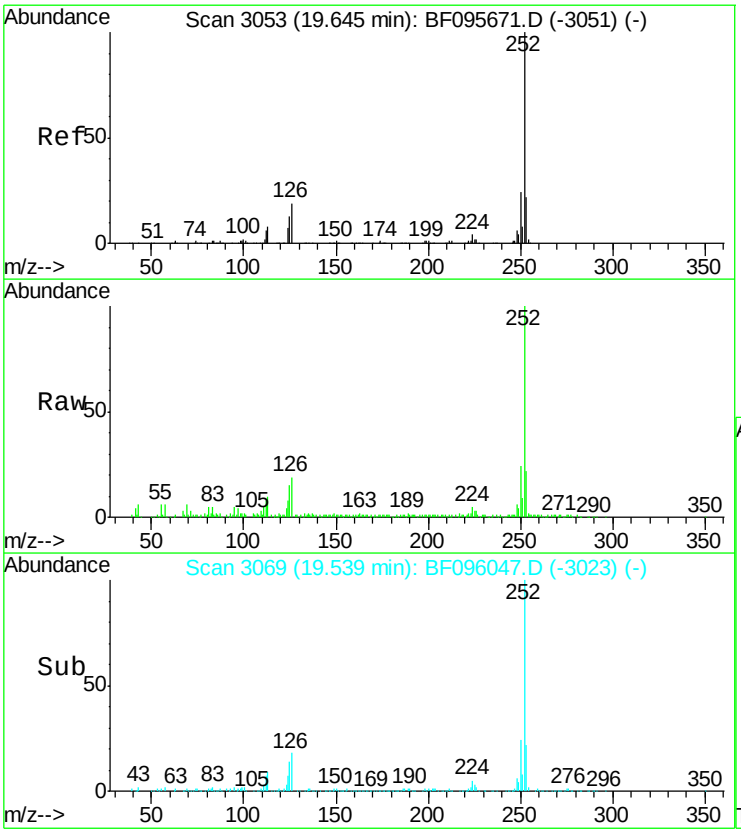
#87
Benzo(b)fluoranthene
Concen: 25.173 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:252 Resp: 184094

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.5	9.8	14.8#

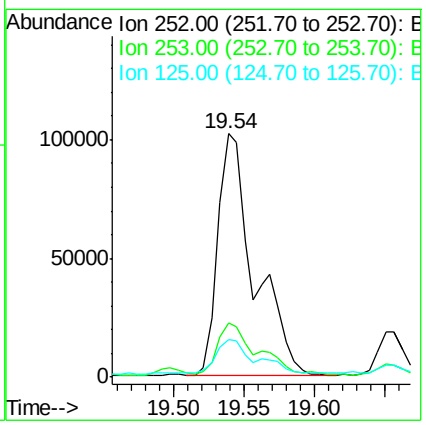


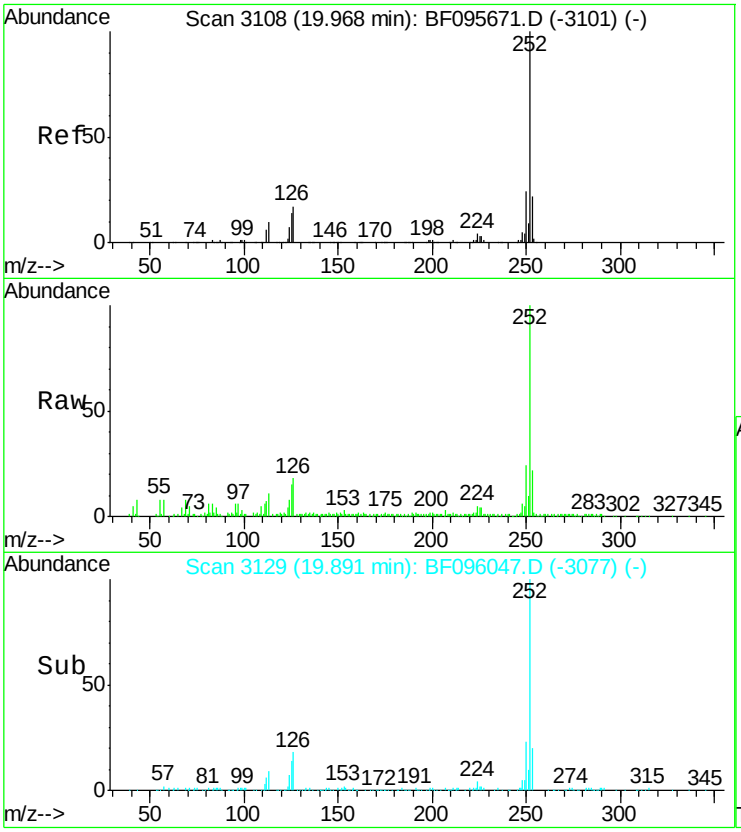


#88
Benzo(k)fluoranthene
Concen: 26.336 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:252 Resp: 184094

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	15.5	13.1	19.7



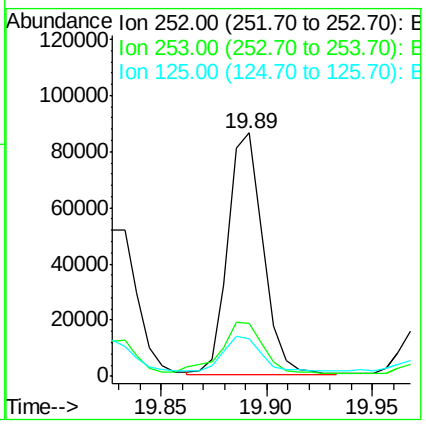


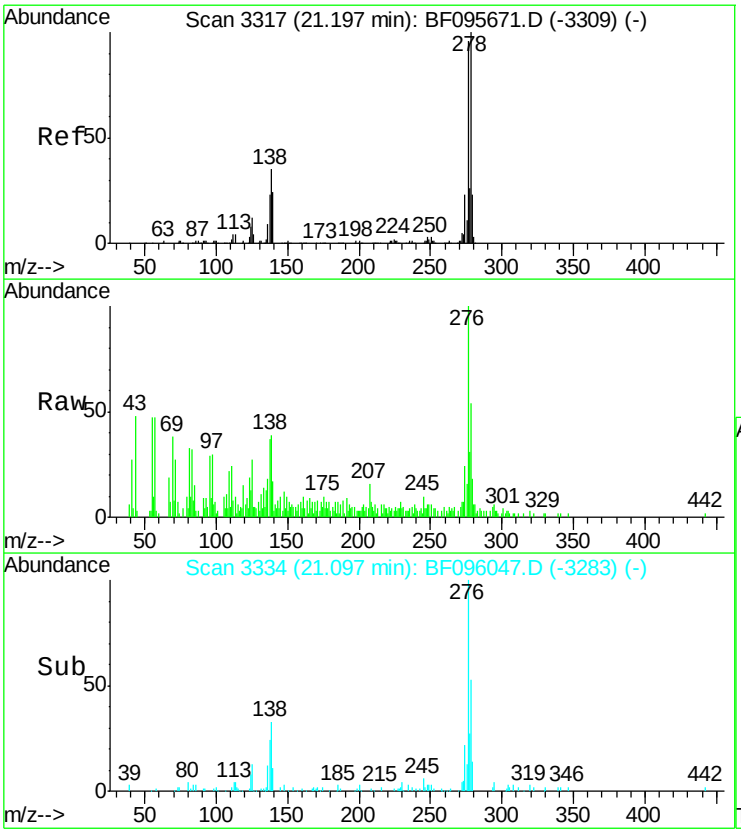
#89
Benzo(a)pyrene
Concen: 14.716 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:252 Resp: 98916

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.4	11.0	16.4

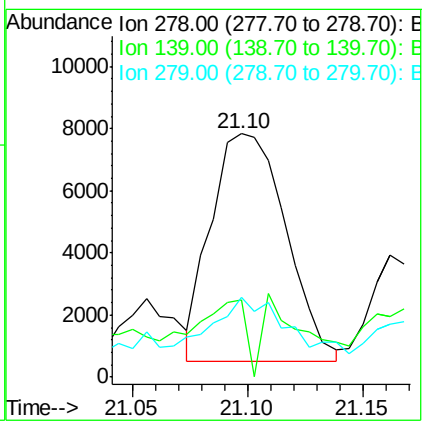


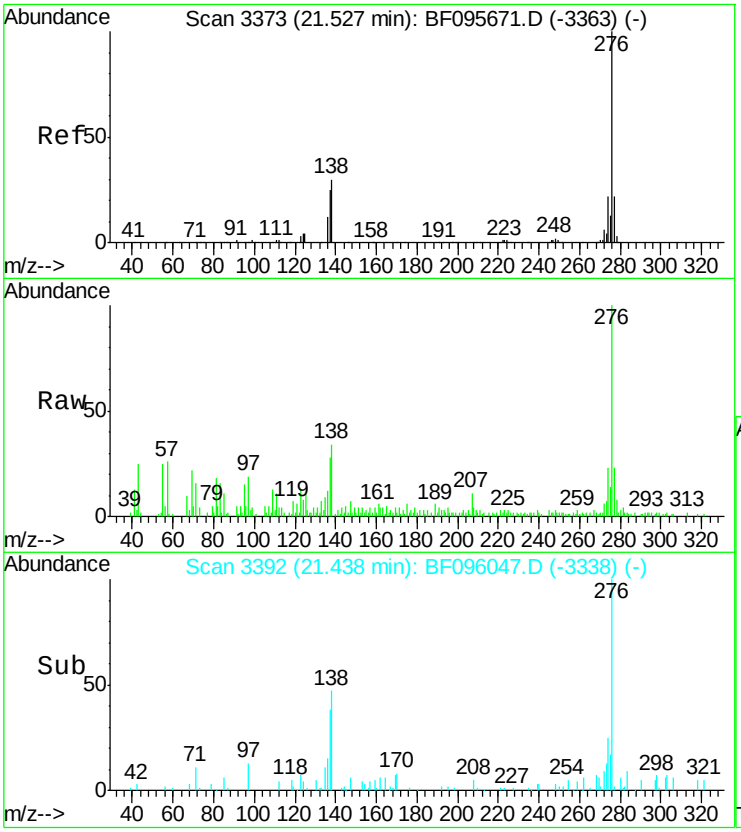


#90
Dibenzo(a,h)anthracene
Concen: 2.898 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Tgt Ion:278 Resp: 16521

Ion	Ratio	Lower	Upper
278	100		
139	31.7	16.6	24.8#
279	32.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.270 ng
RT: 21.44 min Scan# 3392
Delta R.T. 0.02 min
Lab File: BF096047.D
Acq: 20 Jun 2017 16:26

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-B

Tgt Ion:276 Resp: 48074

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	33.7	25.4	38.0