Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062117\
Data File : BF096085.D
Acq On : 21 Jun 2017 15:31
Operator : SJ/MA
Sample : I3782-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK4-6-20170619

Quant Time: Jun 21 16:30:53 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	83305	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	345158	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	145703	20.00	ng		-0.01
63) Phenanthrene-d10	14.53	188	220001	20.00	ng		0.00
75) Chrysene-d12	18.27	240	163566	20.00	ng		0.00
86) Perylene-d12	19.94	264	150442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	527983	100.99	ng		0.00
7) Phenol-d6	6.87	99	668893	106.87	ng		0.00
23) Nitrobenzene-d5	8.21	82	369785	66.54	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	109199	84.71	ng		-0.01
44) 2-Fluorobiphenyl	11.10	172	664550	63.47	ng		0.00
78) Terphenyl-d14	16.92	244	368745	55.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	44985	18.088	ng	#	21
19) n-Nitroso-di-n-propylamine	8.22	70	47000	11.850	ng	#	73
48) Acenaphthylene	11.92	152	32099	2.001	ng		98
49) Dimethylphthalate	11.80	163	108323	9.792	ng		98
55) 4-Nitrophenol	12.50	139	3259	6.498	ng	#	36
70) Phenanthrene	14.57	178	239548	18.871	ng		98
71) Anthracene	14.57	178	239548	18.076	ng		98
74) Fluoranthene	16.36	202	309606	24.642	ng		99
77) Pyrene	16.66	202	296068	24.259	ng		96
80) Benzo(a)anthracene	18.26	228	116649	12.266	ng		94
82) Chrysene	18.30	228	138284	14.551	ng		97
83) Bis(2-ethylhexyl)phthalate	18.34	149	17032	2.265	ng	#	100
85) Indeno(1,2,3-cd)pyrene	21.11	276	58752	7.225	ng		92
87) Benzo(b)fluoranthene	19.54	252	204301	21.688	ng	#	91
88) Benzo(k)fluoranthene	19.54	252	204301	22.690	ng	#	94
89) Benzo(a)pyrene	19.89	252	108537	12.536	ng	#	88
90) Dibenzo(a,h)anthracene	21.11	278	21444	2.920	ng	#	53
91) Benzo(g,h,i)perylene	21.44	276	55364	7.394	ng		92

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

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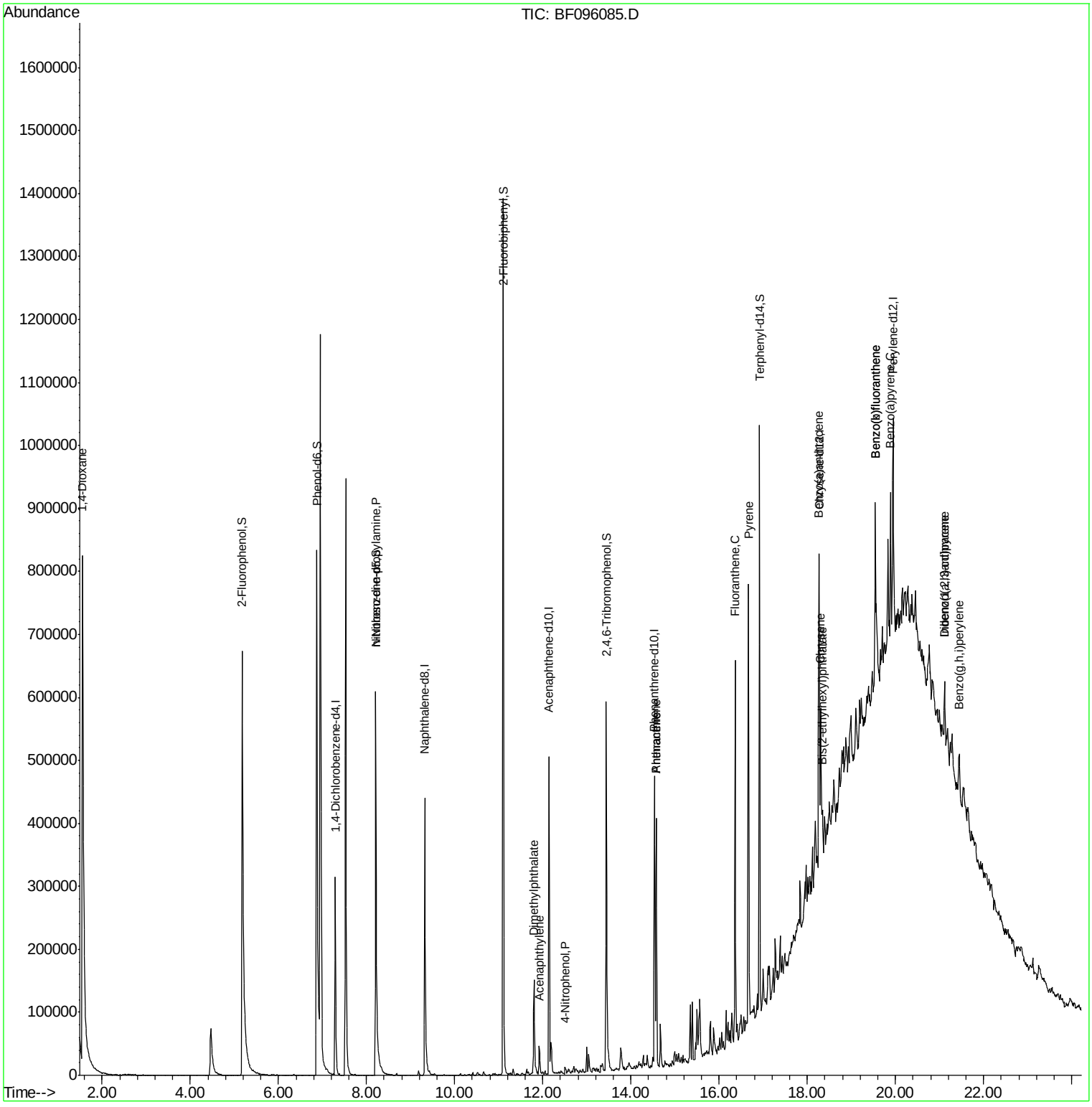
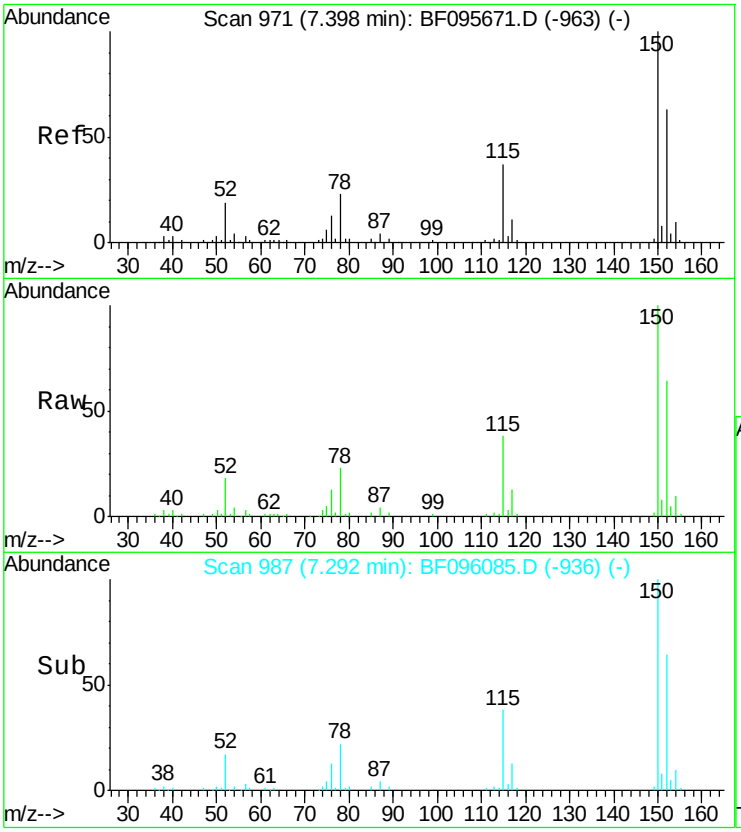


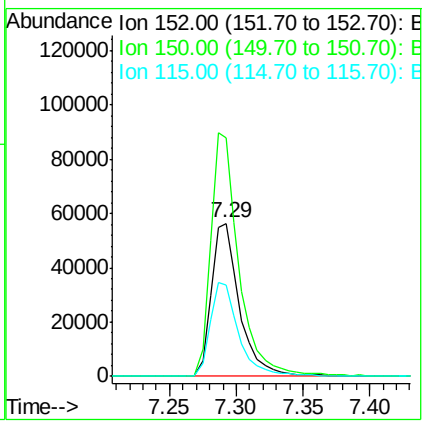


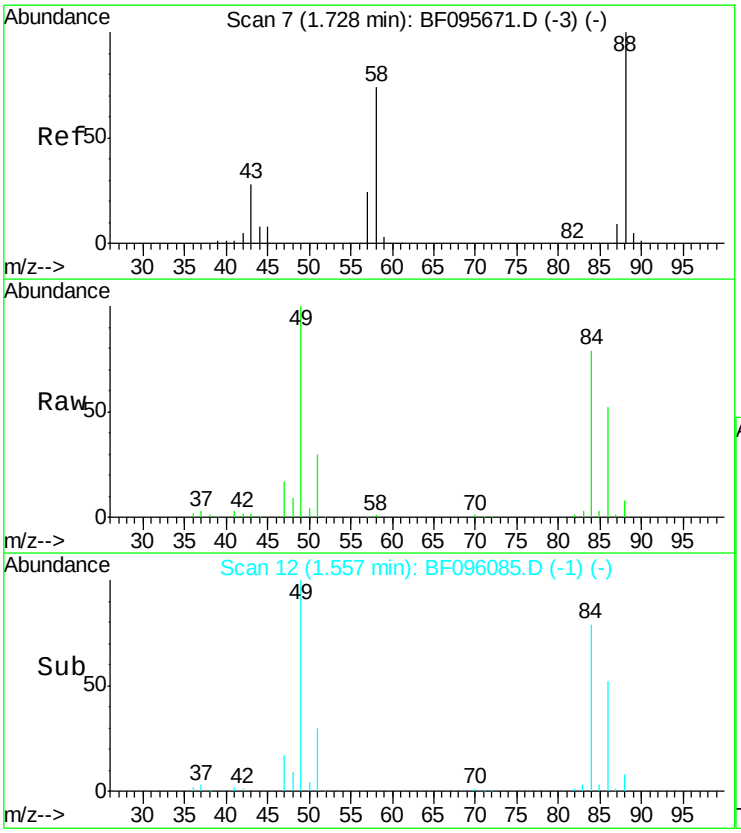
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:152 Resp: 83305

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	59.9	52.2	78.2

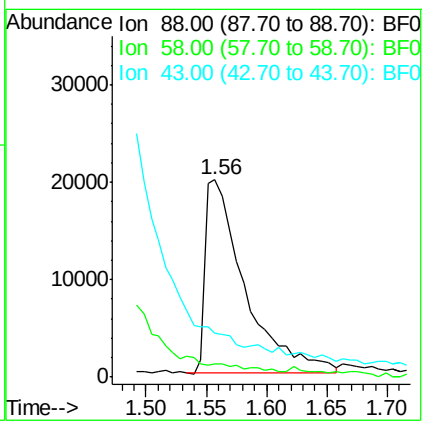


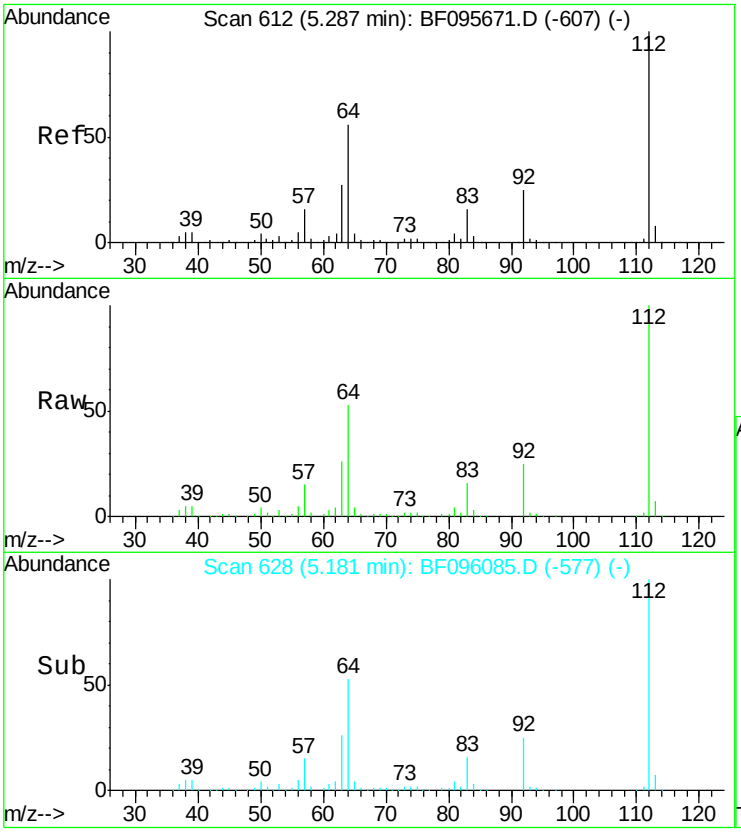


#2
1,4-Dioxane
Concen: 18.088 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion: 88 Resp: 44985

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



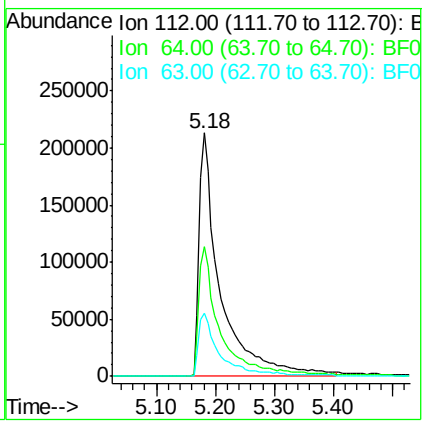


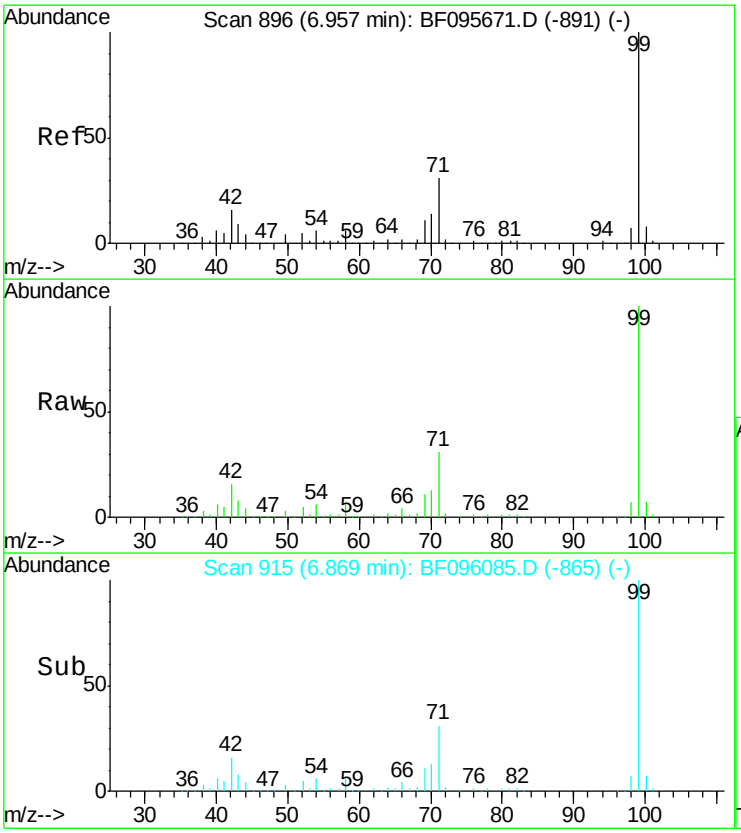
#5
2-Fluorophenol
Concen: 100.992 ng
RT: 5.18 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:112 Resp: 527983

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	25.9	23.4	35.0

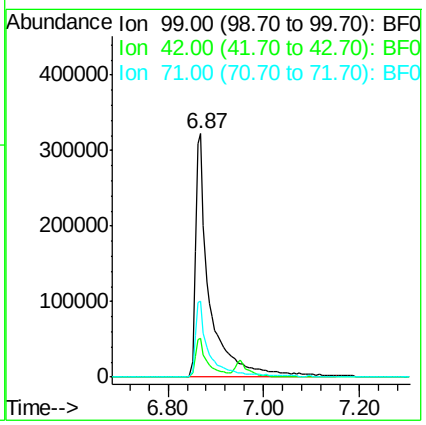


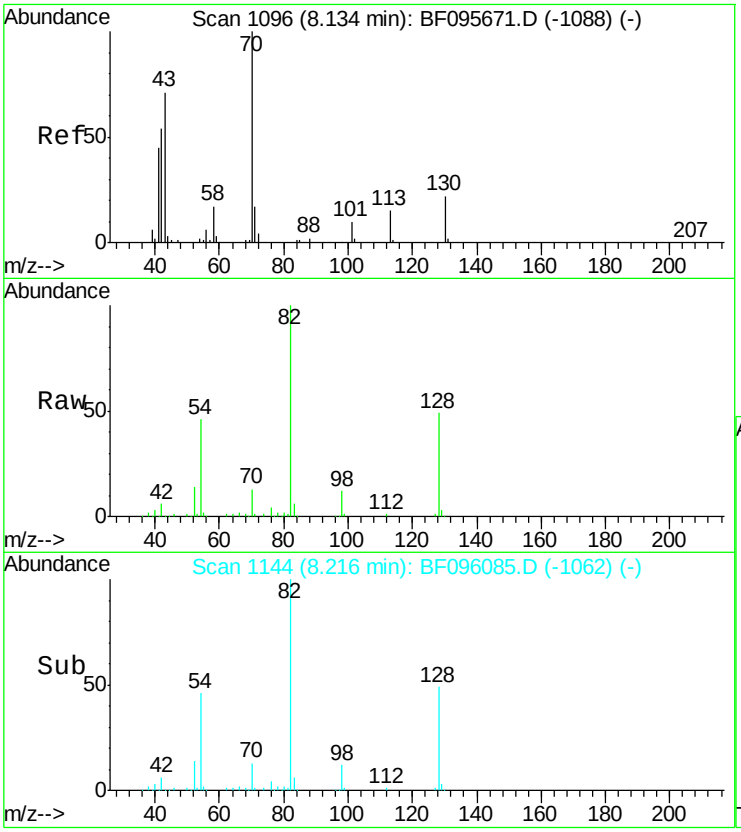


#7
Phenol-d6
Concen: 106.873 ng
RT: 6.87 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion: 99 Resp: 668893

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.2	24.5	36.7



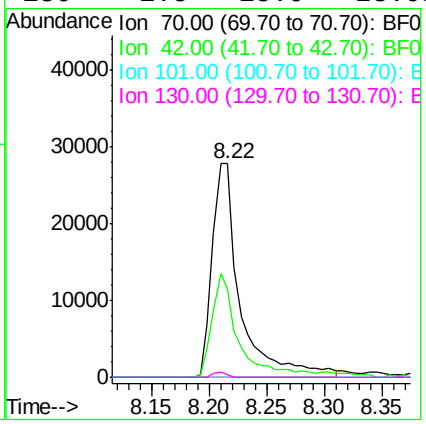


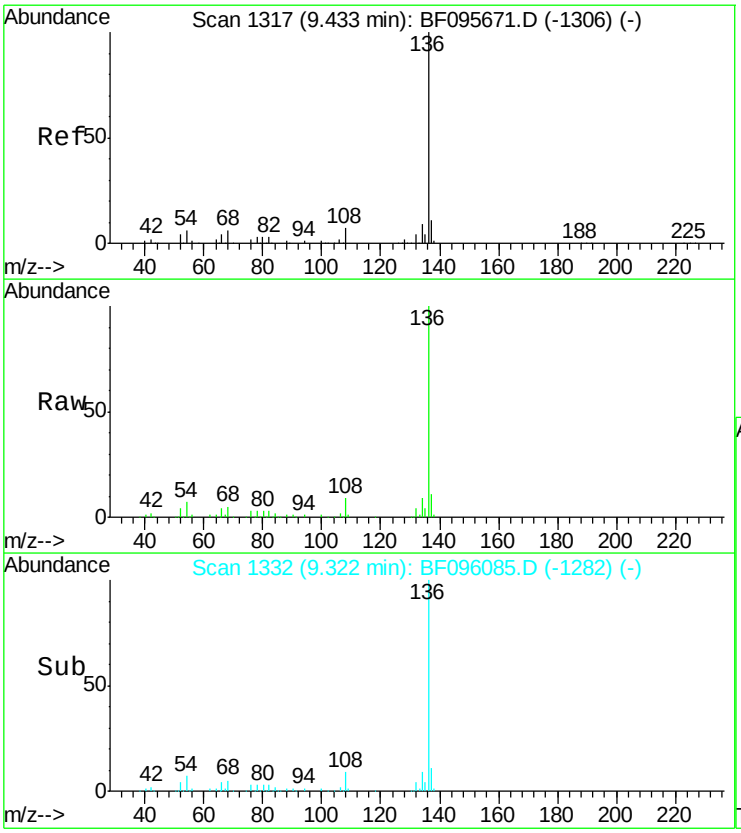
#19
n-Nitroso-di-n-propylamine
Concen: 11.850 ng
RT: 8.22 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion: 70 Resp: 47000

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#

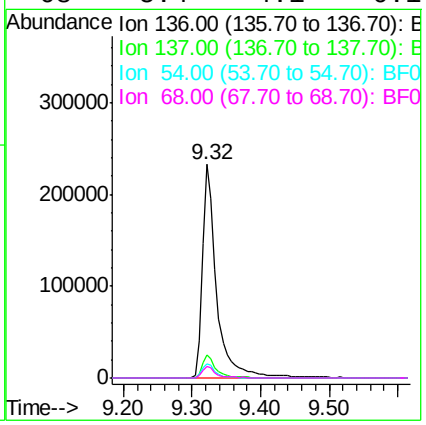


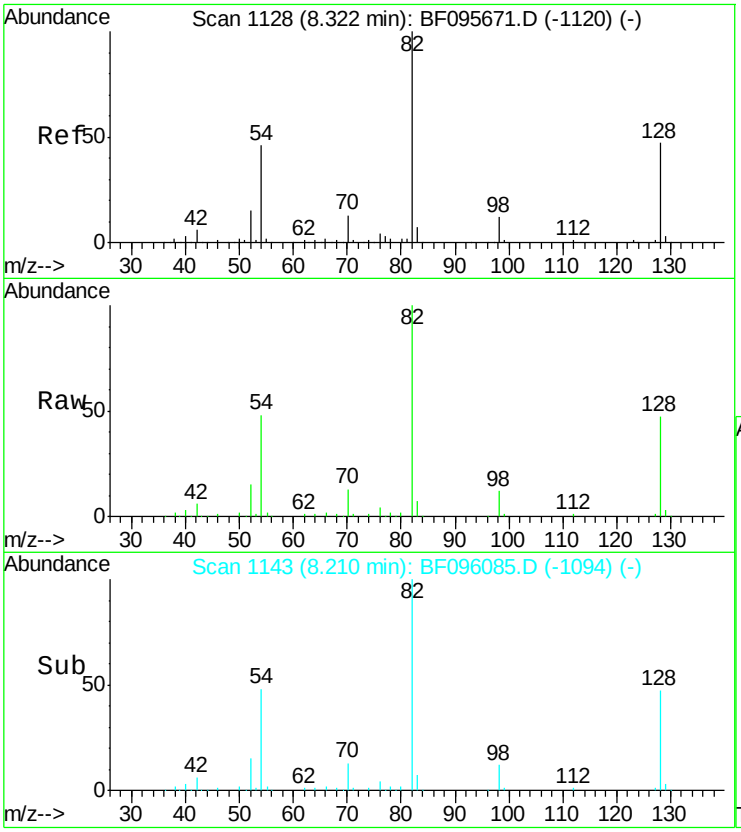


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:136 Resp: 345158

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1



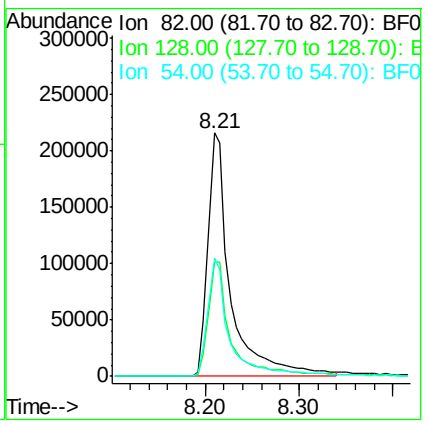


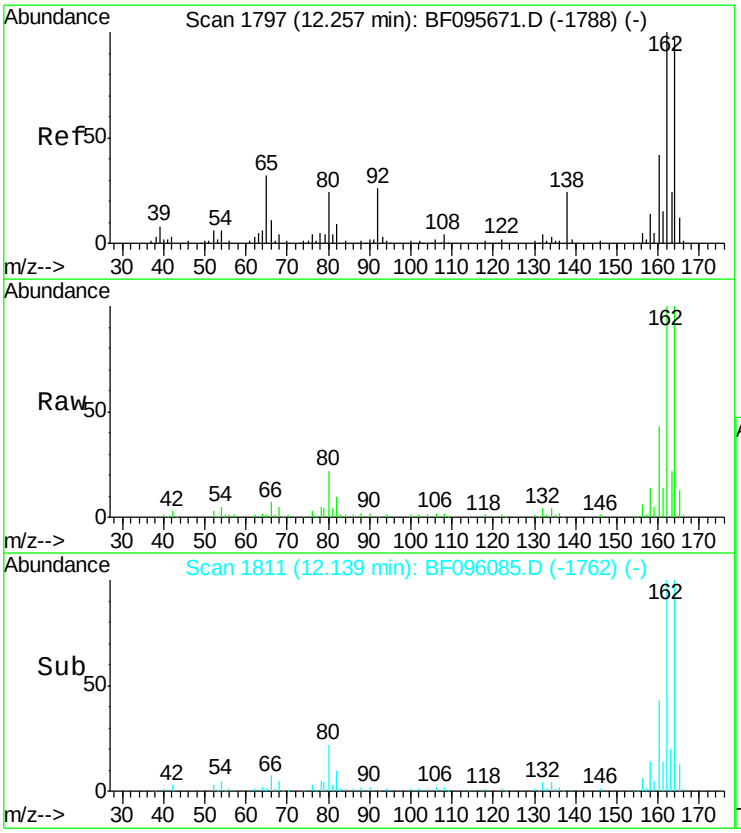
#23
Nitrobenzene-d5
Concen: 66.536 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion: 82 Resp: 369785

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	48.4	42.2	63.2

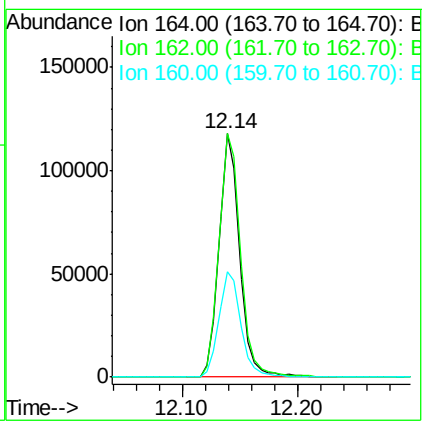


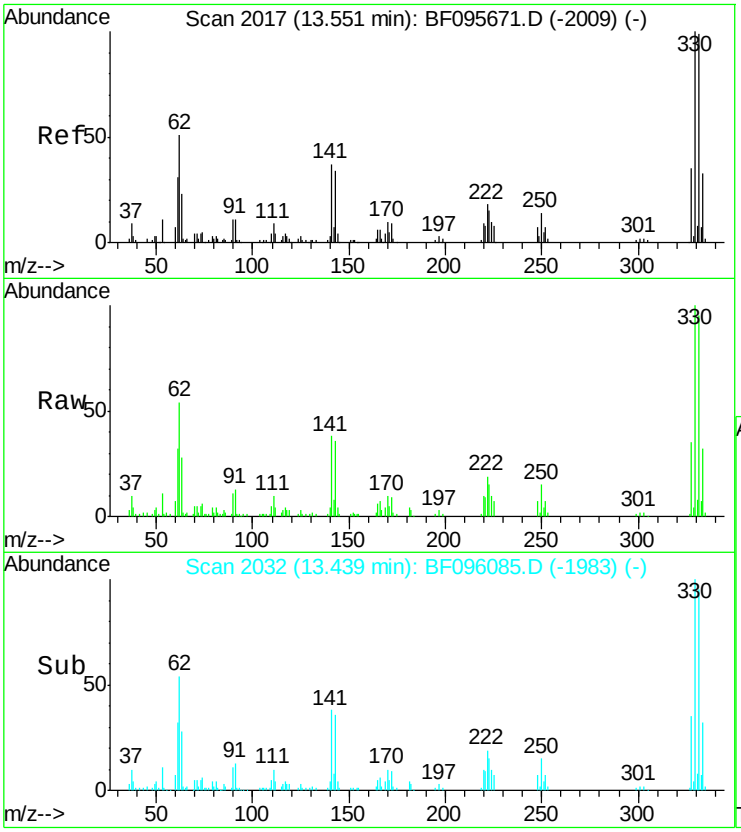


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.14 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:164 Resp: 145703

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	43.3	36.2	54.2



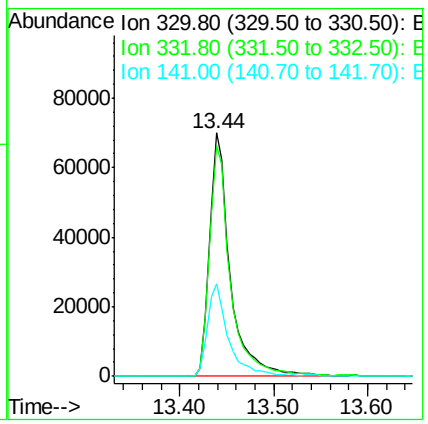


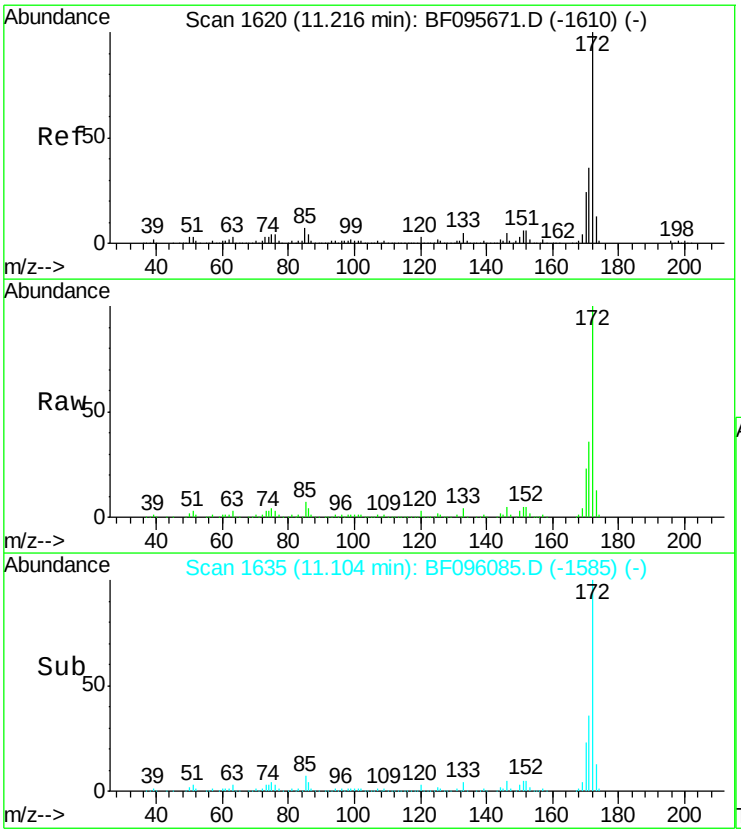
#41
2,4,6-Tribromophenol
Concen: 84.707 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:330 Resp: 109199

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.3	31.4	47.2

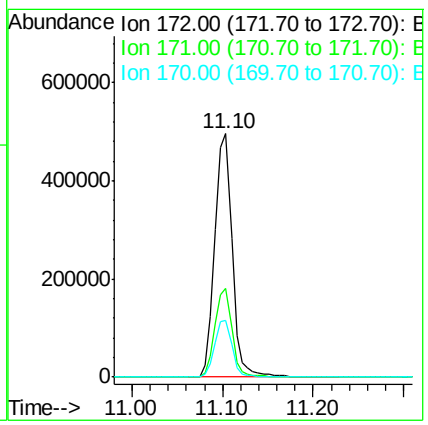


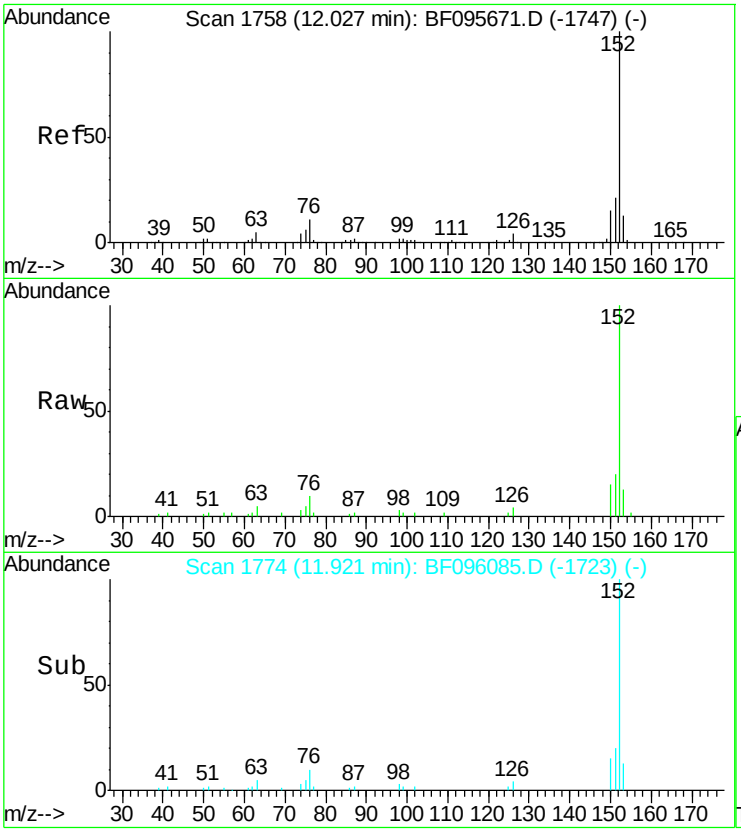


#44
2-Fluorobiphenyl
Concen: 63.470 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:172 Resp: 664550

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.1	19.8	29.8



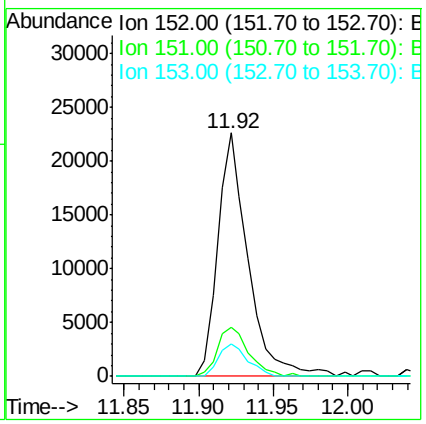


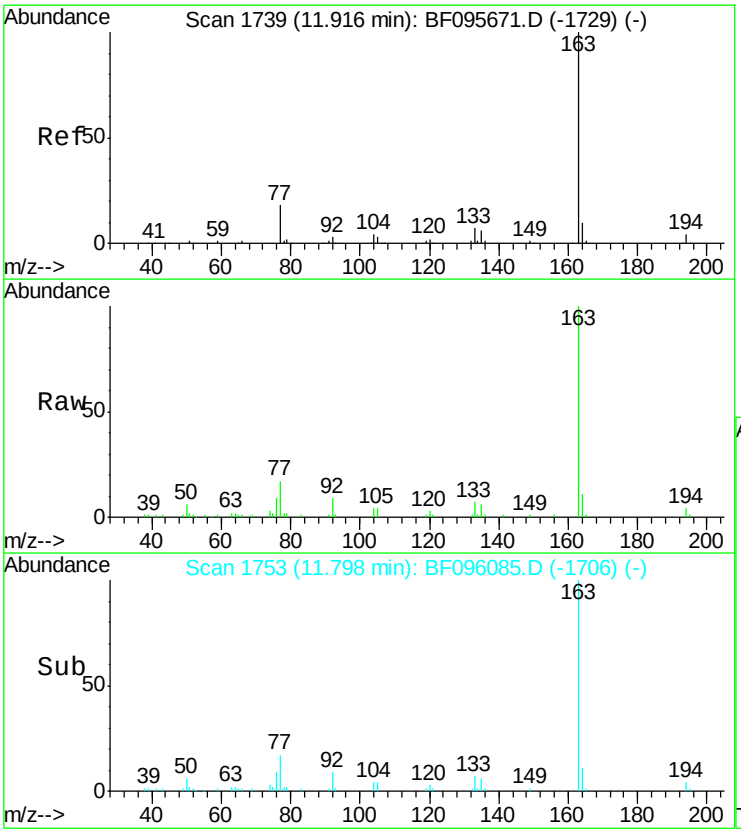
#48
Acenaphthylene
Concen: 2.001 ng
RT: 11.92 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:152 Resp: 32099

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.2	10.8	16.2

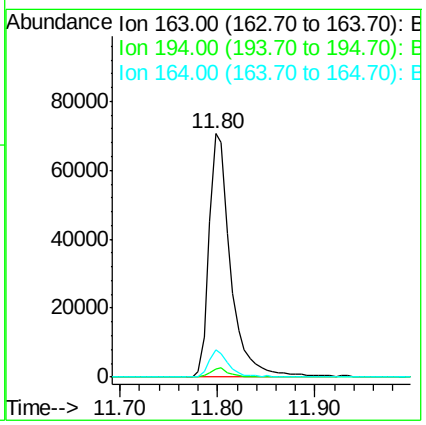


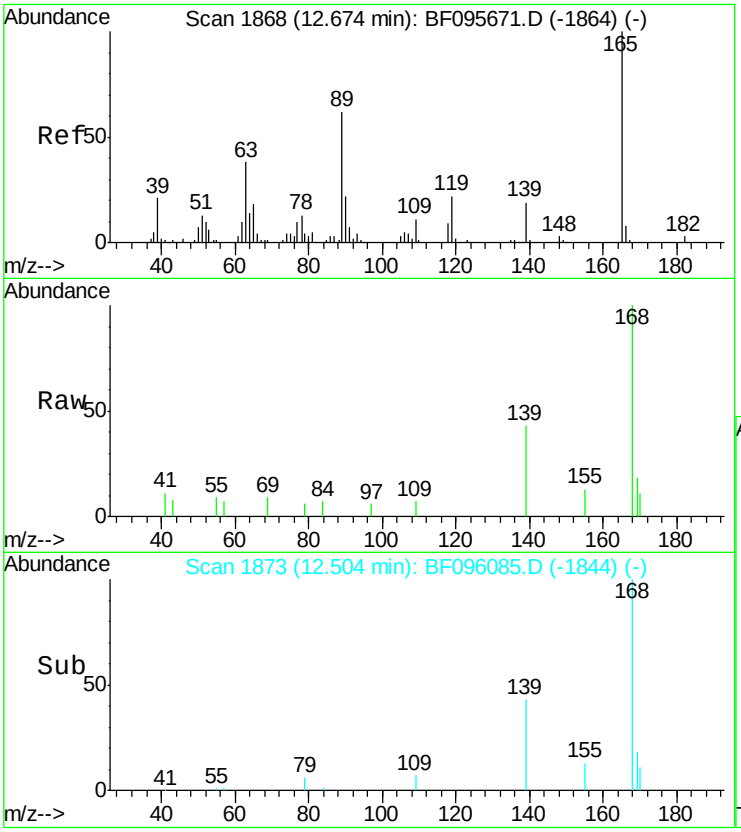


#49
Dimethylphthalate
Concen: 9.792 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:163 Resp: 108323

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.3	8.4	12.6



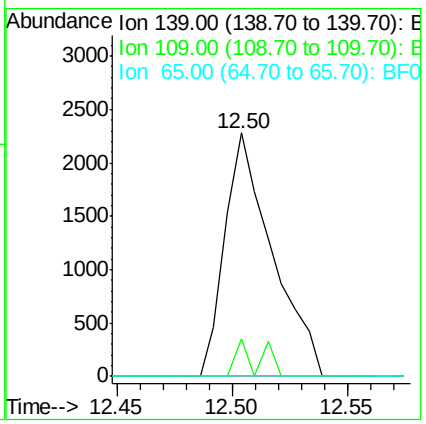


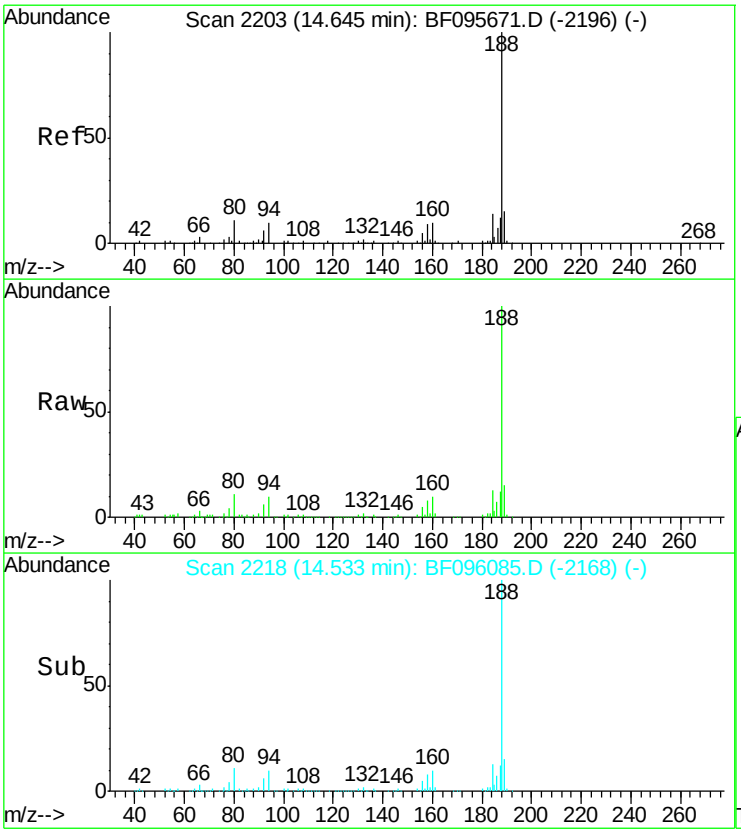
#55
4-Nitrophenol
Concen: 6.498 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.13 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:139 Resp: 3259

Ion	Ratio	Lower	Upper
139	100		
109	15.4	34.1	74.1#
65	0.0	31.4	71.4#

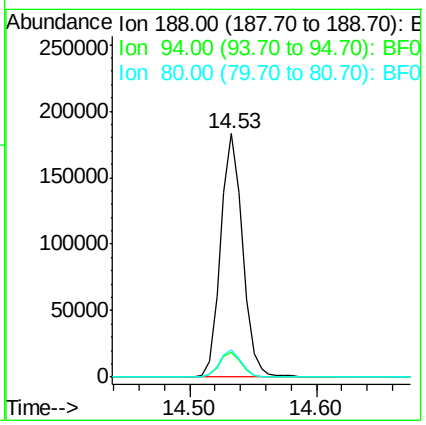


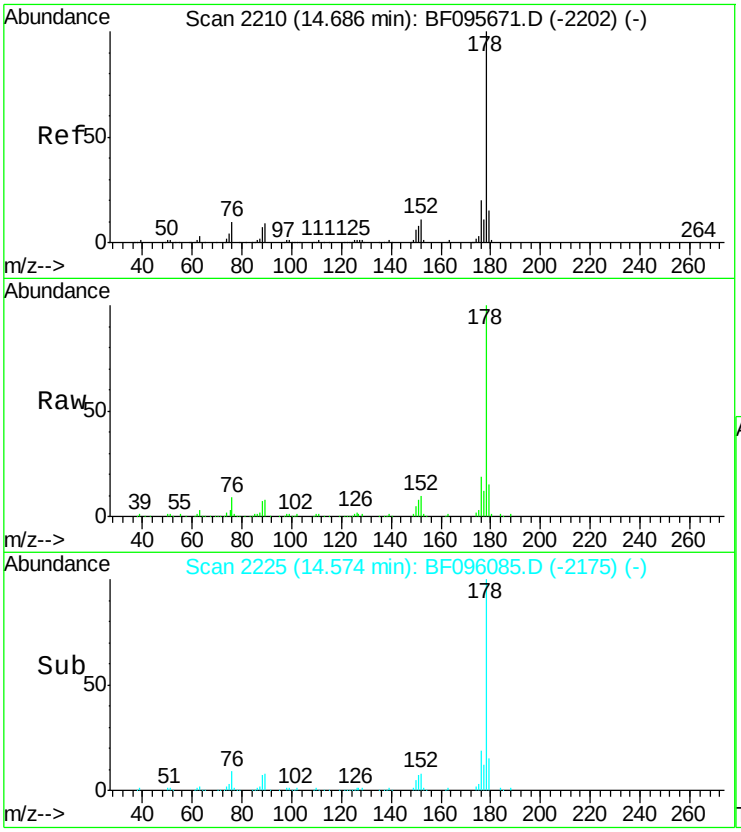


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:188 Resp: 220001

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.2	10.2	15.2



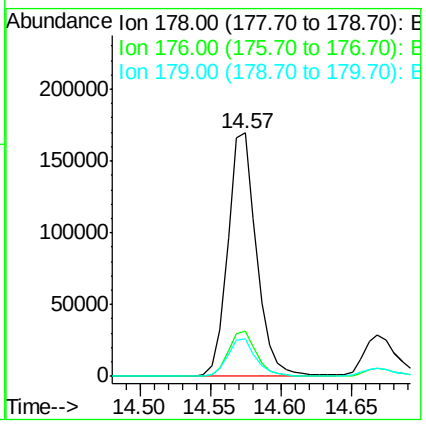


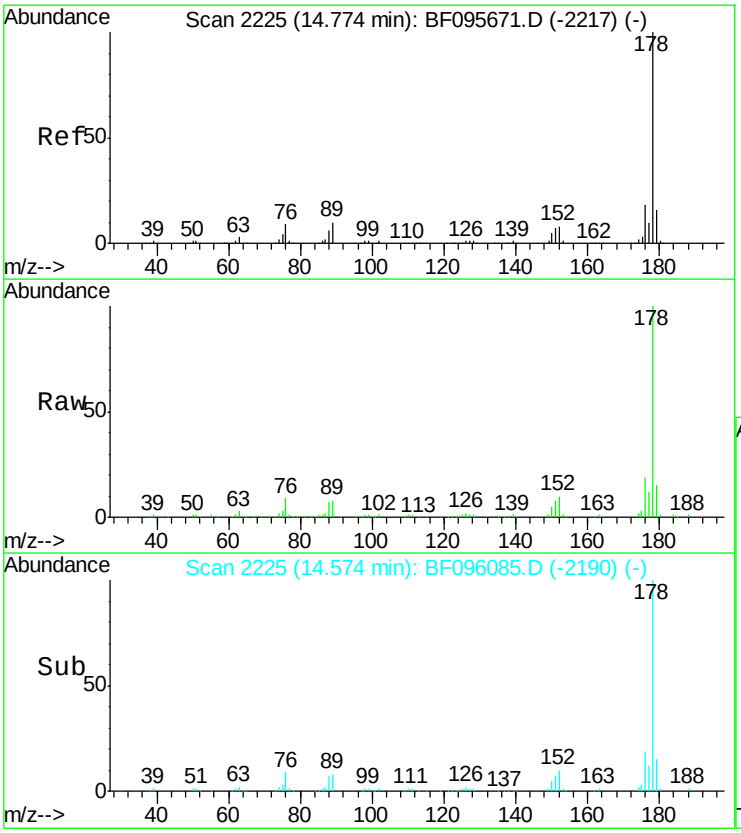
#70
Phenanthrene
Concen: 18.871 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:178 Resp: 239548

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.5	12.6	19.0

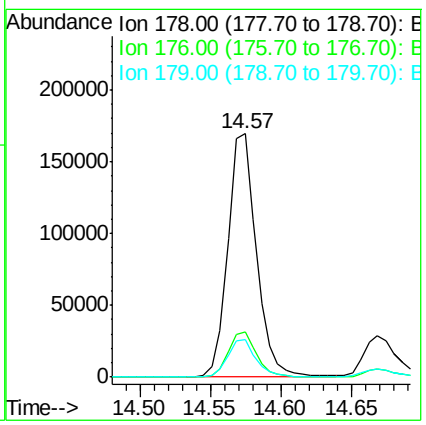


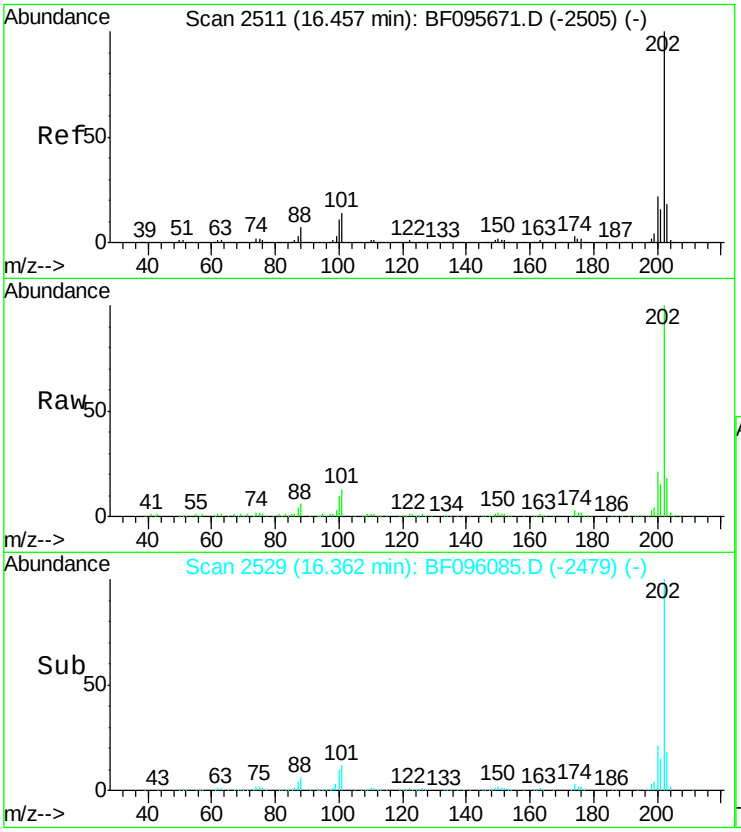


#71
Anthracene
Concen: 18.076 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.09 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:178 Resp: 239548

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	12.7	19.1



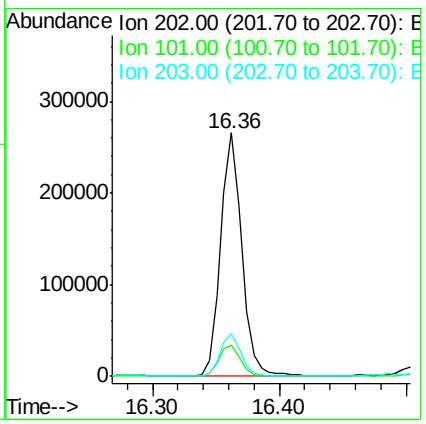


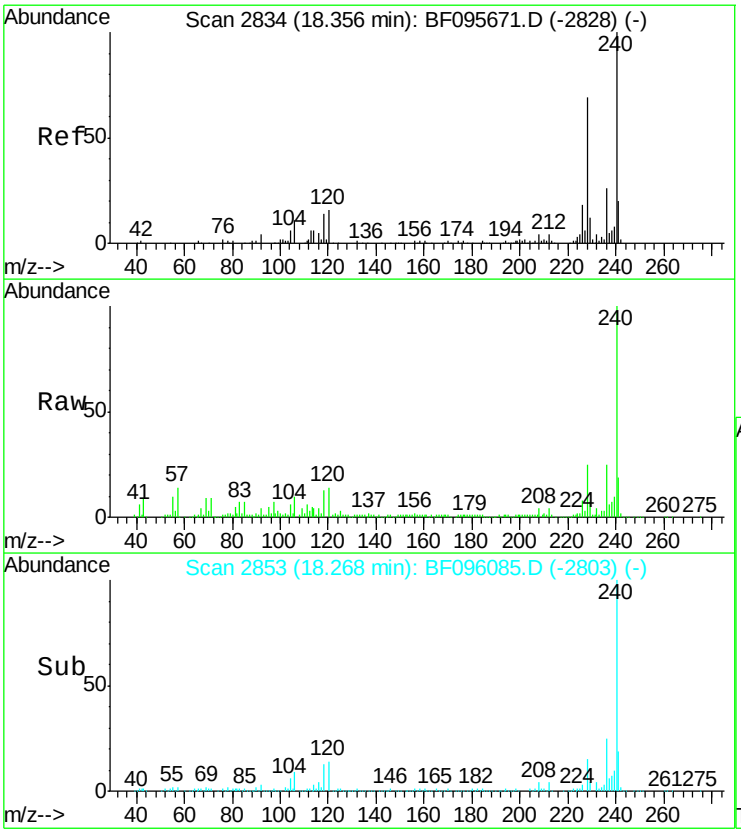
#74
Fluoranthene
Concen: 24.642 ng
RT: 16.36 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:202 Resp: 309606

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.8	0.0	38.1

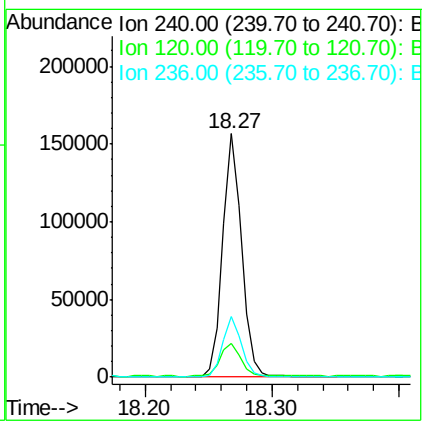


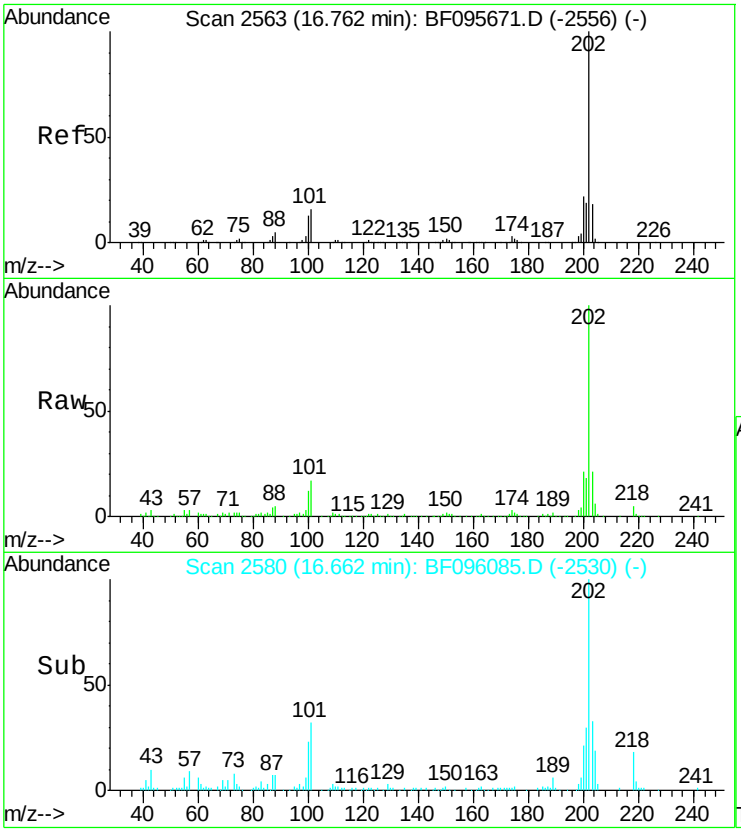


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:240 Resp: 163566

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.1	20.5	30.7



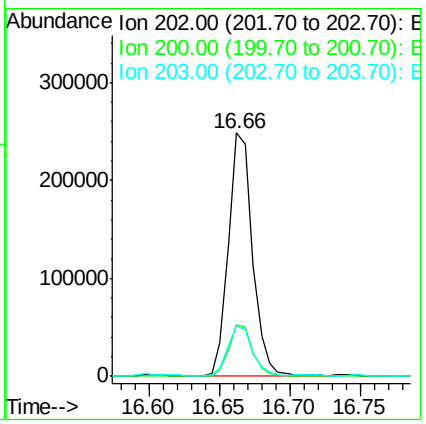


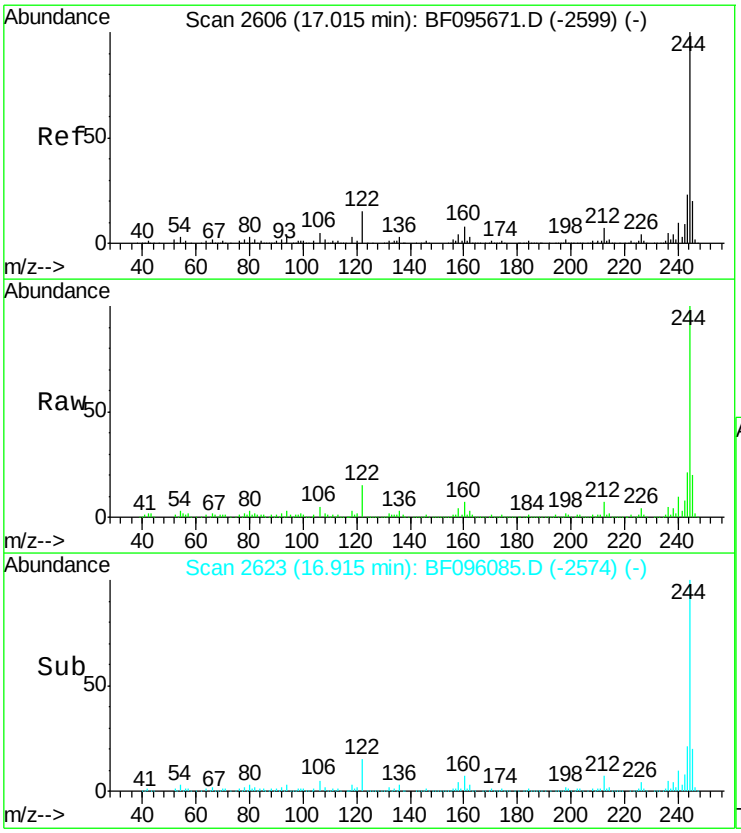
#77
Pyrene
Concen: 24.259 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:202 Resp: 296068

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	20.7	14.4	21.6

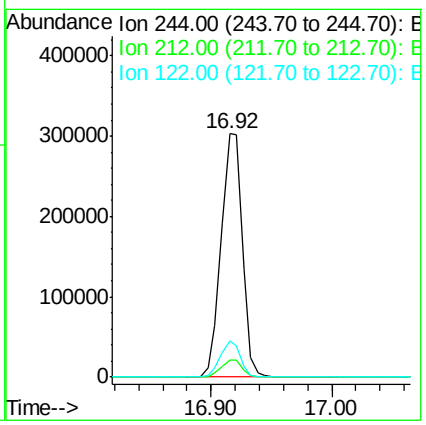


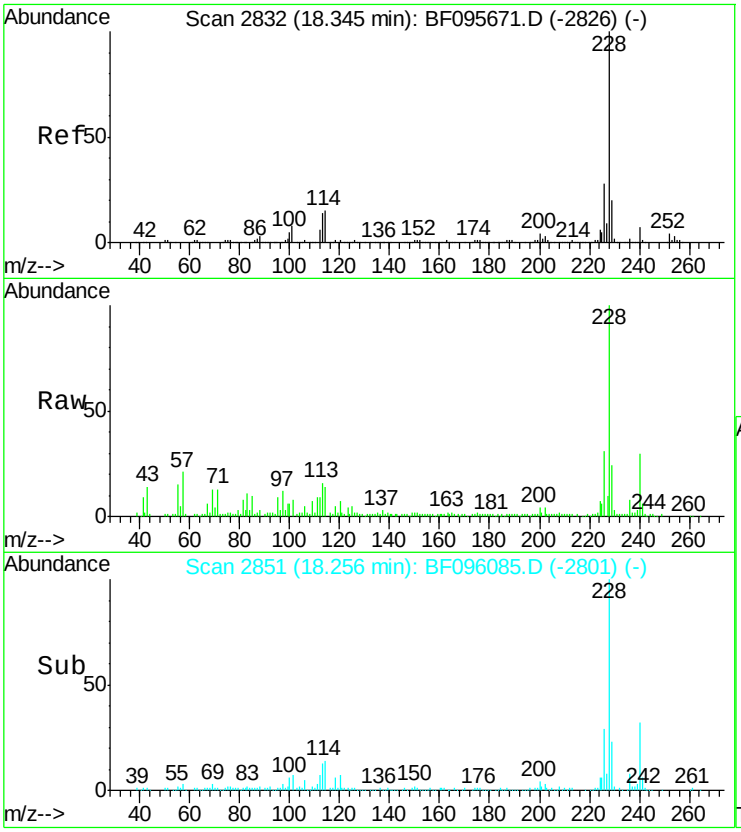


#78
Terphenyl-d14
Concen: 55.949 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:244 Resp: 368745

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.1	10.3	15.5



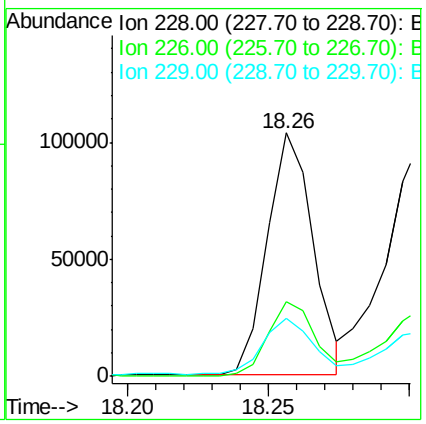


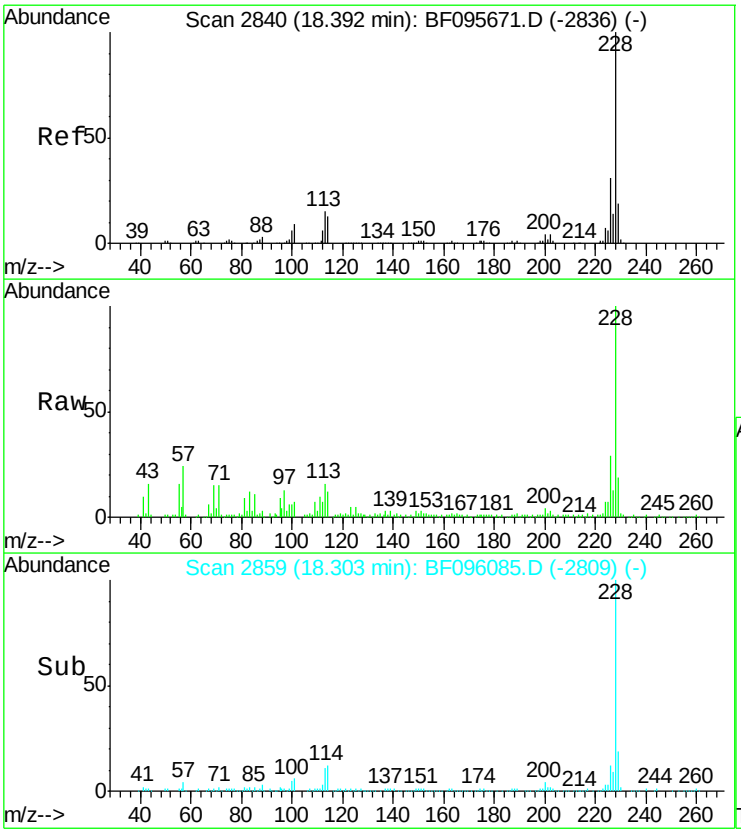
#80
Benzo(a)anthracene
Concen: 12.266 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:228 Resp: 116649

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	23.8	16.3	24.5

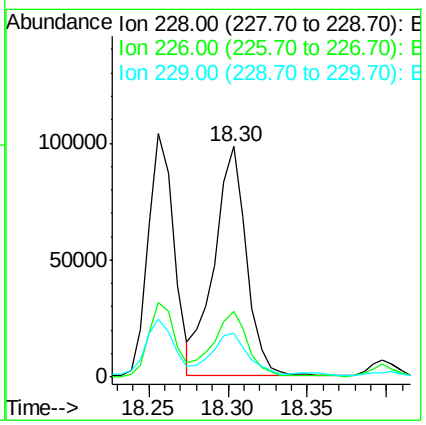


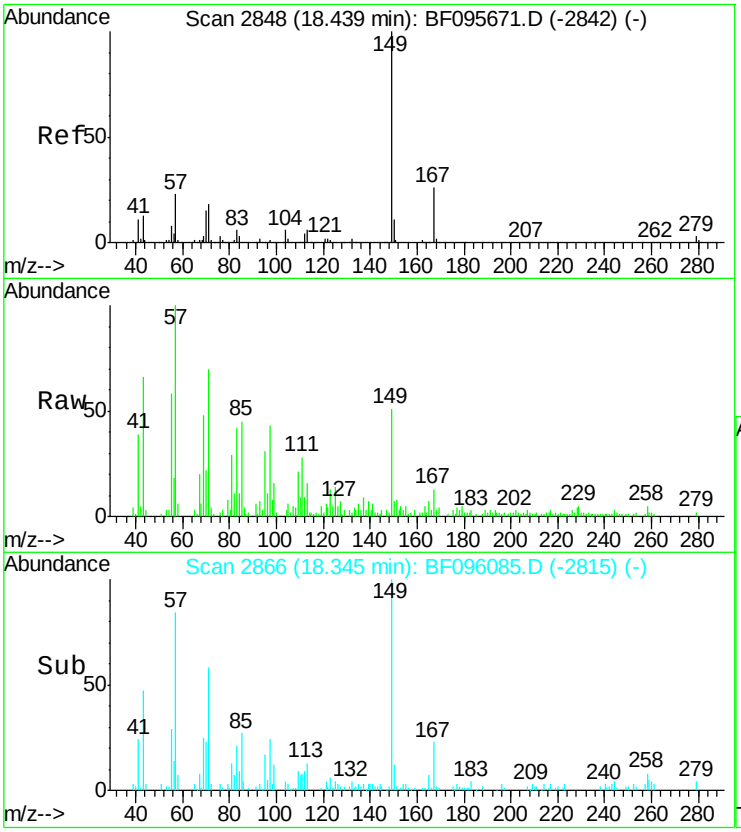


#82
Chrysene
Concen: 14.551 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:228 Resp: 138284

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.9	37.3
229	19.0	15.8	23.6



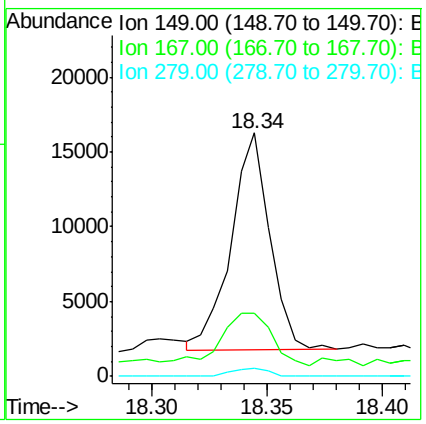


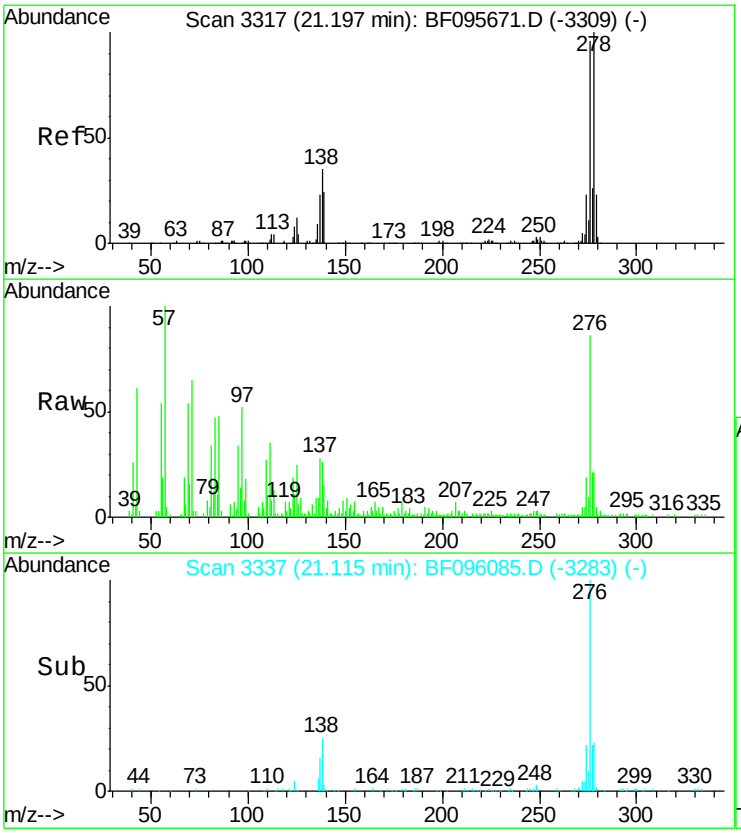
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.265 ng
RT: 18.34 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:149 Resp: 17032

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.4	1.9	2.9#

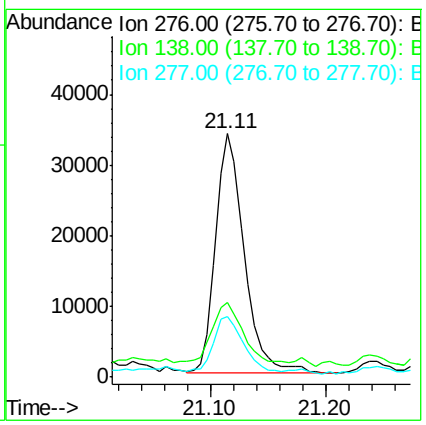


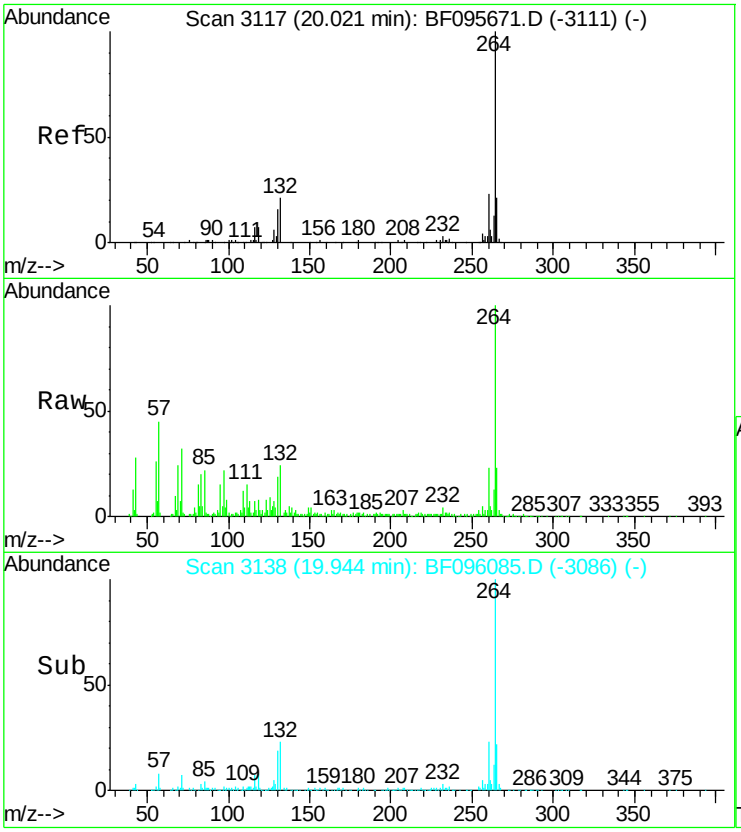


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.225 ng
RT: 21.11 min Scan# 3337
Delta R.T. 0.02 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:276 Resp: 58752

Ion	Ratio	Lower	Upper
276	100		
138	28.6	27.8	41.6
277	23.3	20.2	30.4



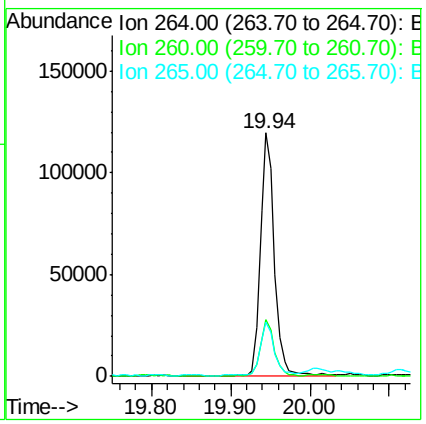


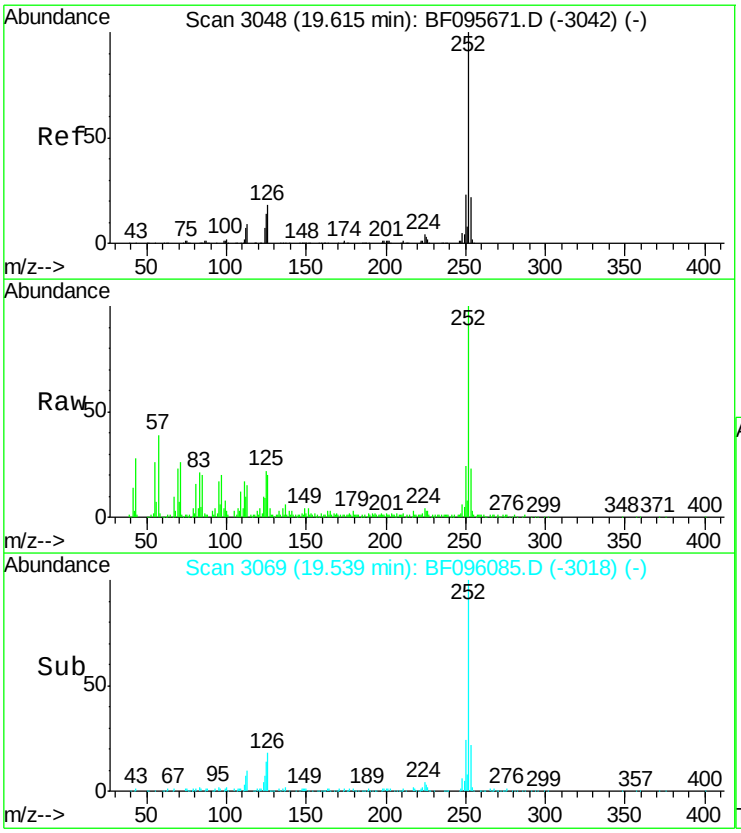
#86
Perylene-d12
Concen: 20.000 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:264 Resp: 150442

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.5	17.2	25.8

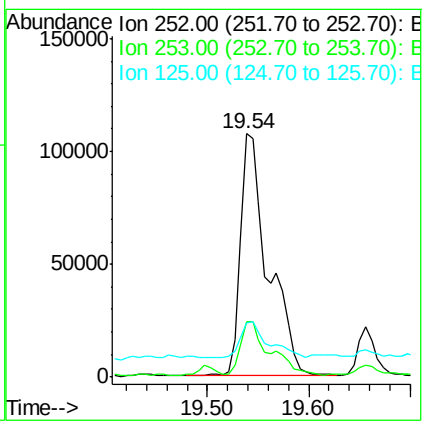


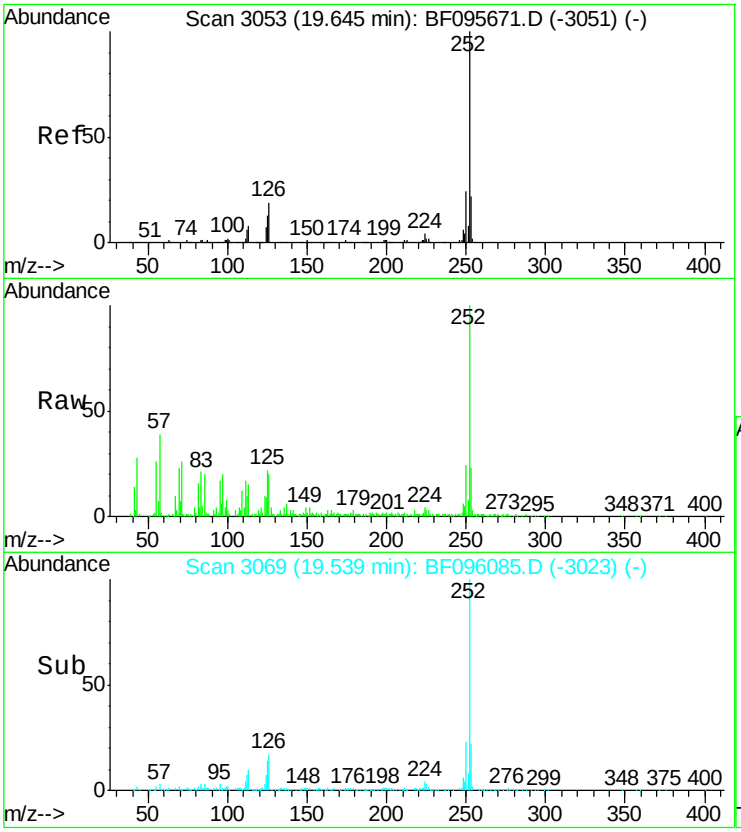


#87
Benzo(b)fluoranthene
Concen: 21.688 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:252 Resp: 204301

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	22.2	9.8	14.8#



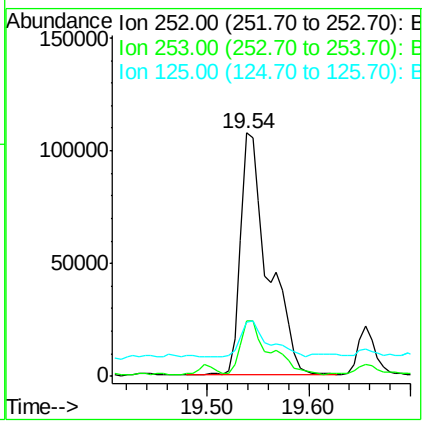


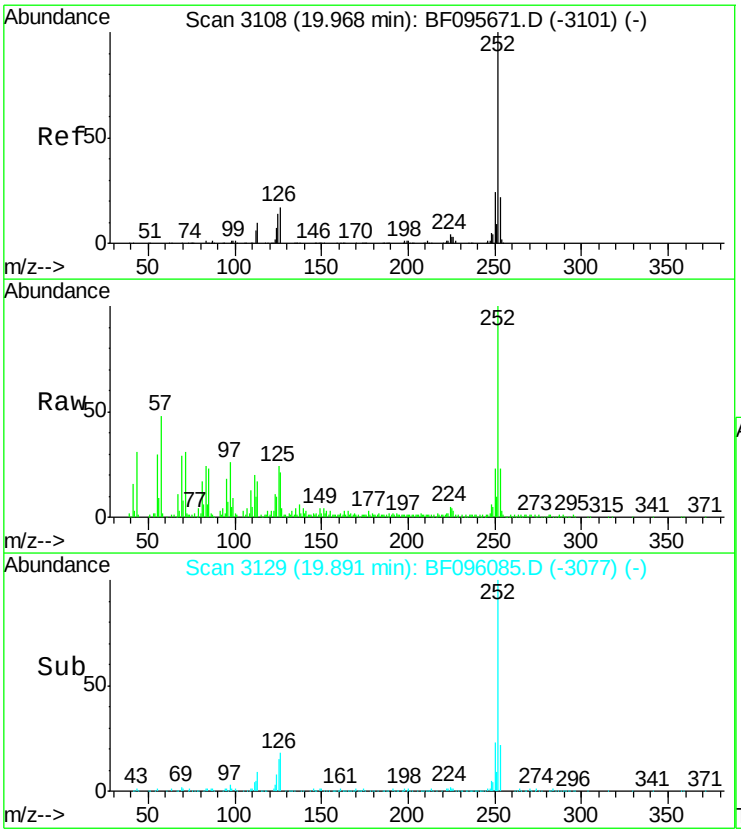
#88
Benzo(k)fluoranthene
Concen: 22.690 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:252 Resp: 204301

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	22.2	13.1	19.7#

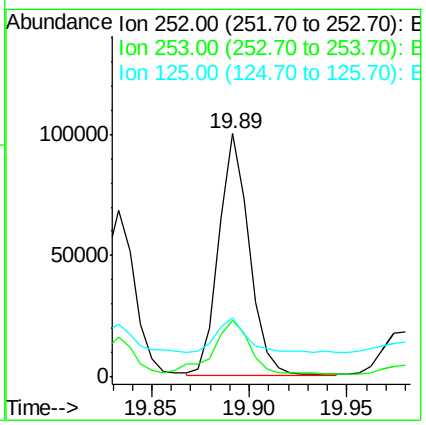


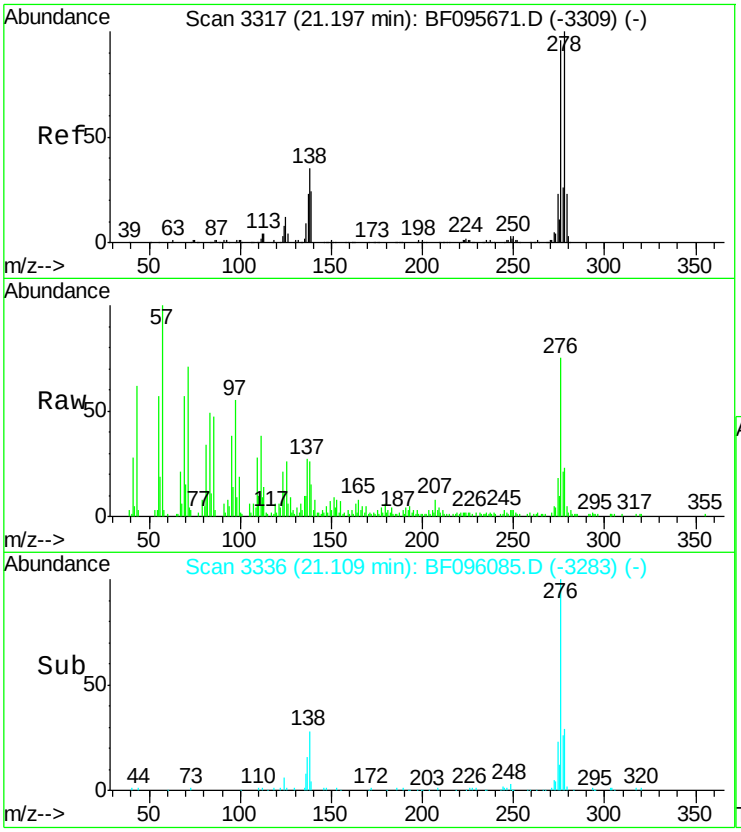


#89
Benzo(a)pyrene
Concen: 12.536 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:252 Resp: 108537

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	24.4	11.0	16.4#



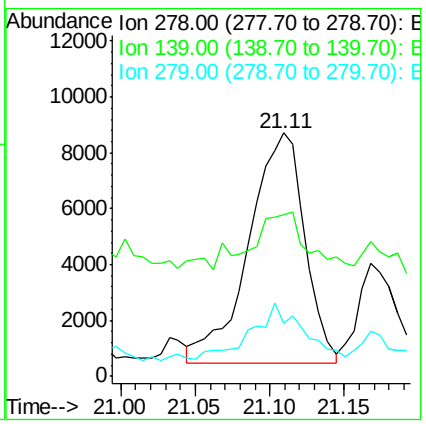


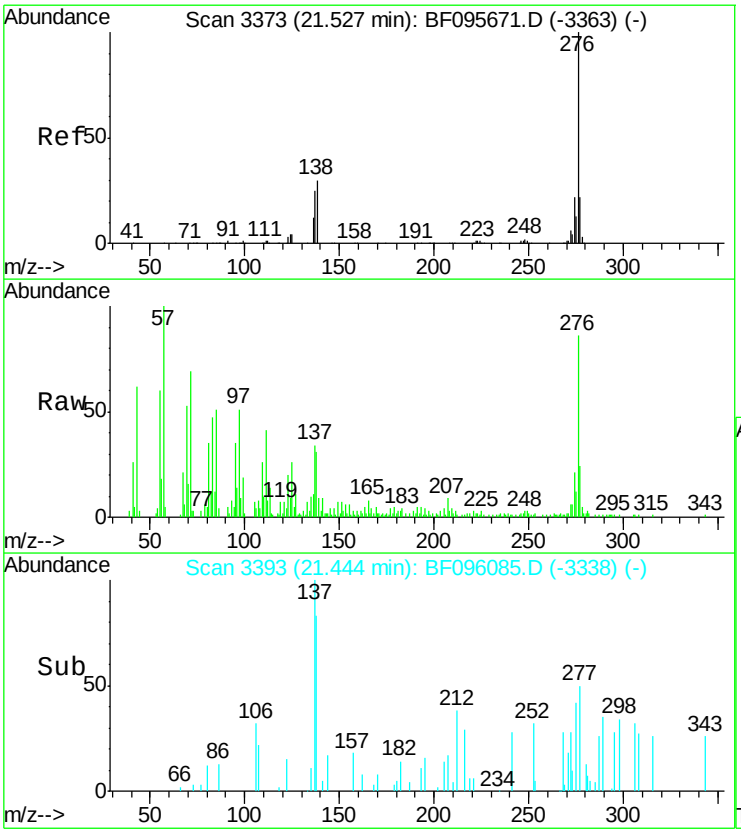
#90
Dibenzo(a,h)anthracene
Concen: 2.920 ng
RT: 21.11 min Scan# 3336
Delta R.T. 0.01 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Instrument :
BNA_F
ClientSampleId :
TK4-6-20170619

Tgt Ion:278 Resp: 21444

Ion	Ratio	Lower	Upper
278	100		
139	66.2	16.6	24.8#
279	21.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 7.394 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF096085.D
Acq: 21 Jun 2017 15:31

Tgt Ion:276 Resp: 55364

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	28.0
138	35.3	25.4	38.0