Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096979.D
Acq On : 22 Jul 2017 9:14
Operator : SJ/JU
Sample : I4305-03 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-BASE

Quant Time: Jul 24 04:14:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	111325	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	414443	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	139260	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	211136	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	225491	20.00	ng		-0.05
86) Perylene-d12	15.06	264	192591	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	187868	25.37	ng		-0.02
7) Phenol-d6	6.23	99	213249	24.00	ng		-0.02
23) Nitrobenzene-d5	7.12	82	126066	18.84	ng		-0.05
41) 2,4,6-Tribromophenol	10.37	330	22907	19.27	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	199440	22.63	ng		-0.05
78) Terphenyl-d14	12.64	244	135278	10.40	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	7.86	128	197930	10.08	ng		98
35) Caprolactam	8.29	113	4594	2.50	ng	#	1
37) 2-Methylnaphthalene	8.56	142	787698	62.93	ng		98
45) 1,1'-Biphenyl	9.02	154	37781	3.16	ng		98
51) Acenaphthene	9.62	154	19816	2.39	ng		91
53) 2,4-Dinitrophenol	9.80	184	258	6.95	ng	#	1
57) Fluorene	10.13	166	28245	3.30	ng	#	92
59) Diethylphthalate	10.02	149	23211	2.27	ng		95
60) 4-Chlorophenyl-phenylether	9.96	204	1423	Below Cal		#	1
70) Phenanthrene	11.09	178	73641	6.41	ng		97
74) Fluoranthene	12.27	202	101069	9.20	ng		98
77) Pyrene	12.49	202	97439	4.76	ng		98
80) Benzo(a)anthracene	13.68	228	45940	3.27	ng		98
82) Chrysene	13.72	228	48026	3.47	ng		98
85) Indeno(1,2,3-cd)pyrene	16.32	276	19089	4.76	ng		96
87) Benzo(b)fluoranthene	14.68	252	73259	6.31	ng	#	92
88) Benzo(k)fluoranthene	14.68	252	73259	6.66	ng		96
89) Benzo(a)pyrene	15.00	252	38067	3.57	ng	#	88

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

Quantitation Report (Not Reviewed)

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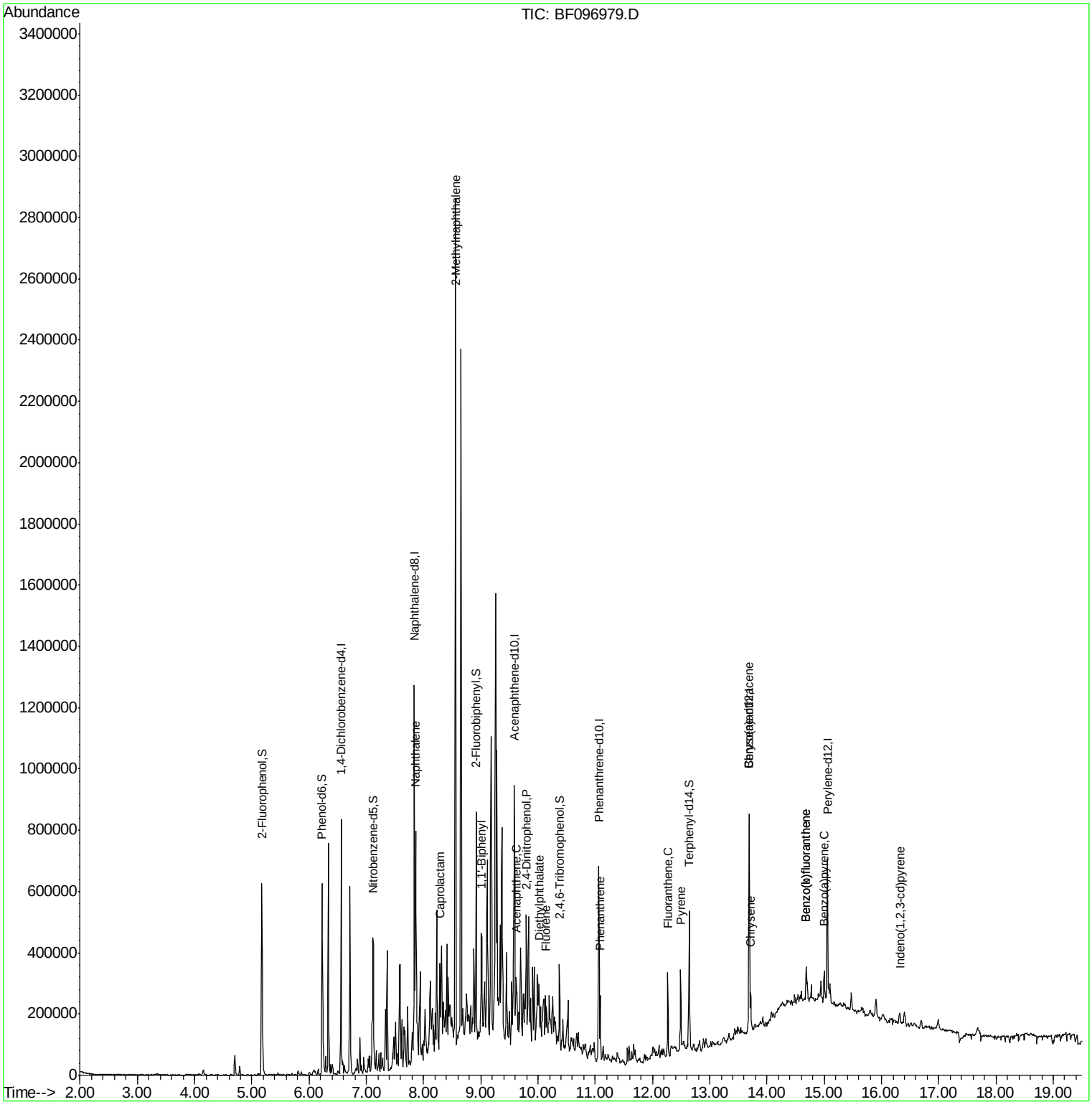
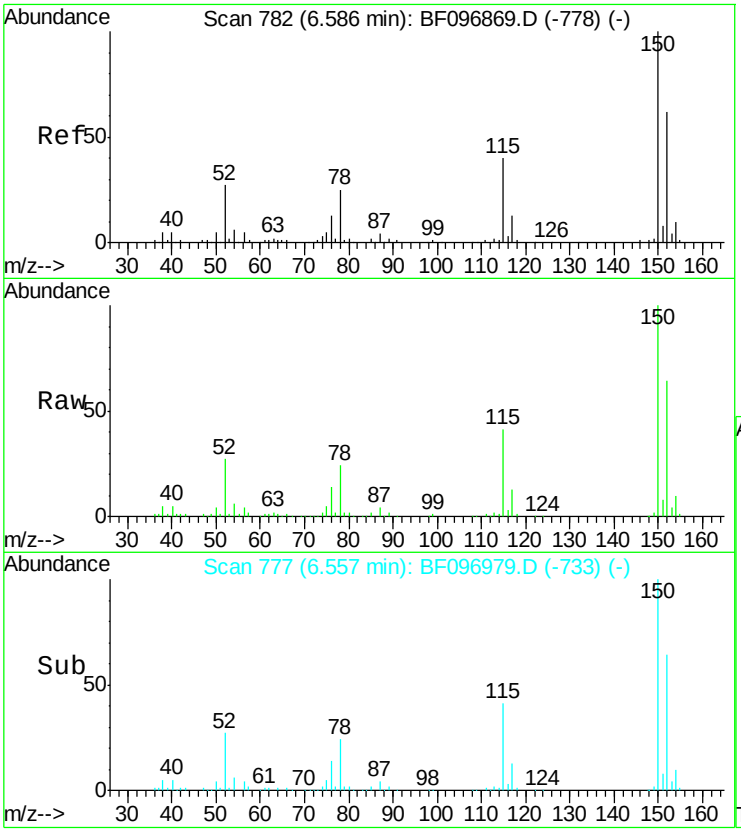


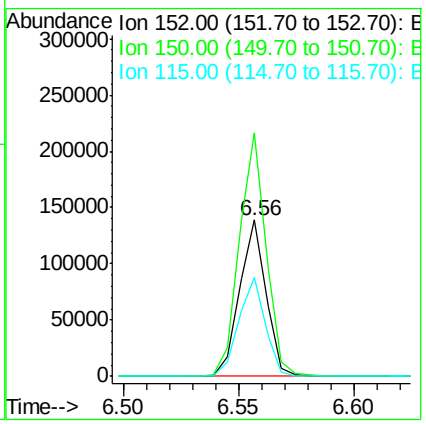


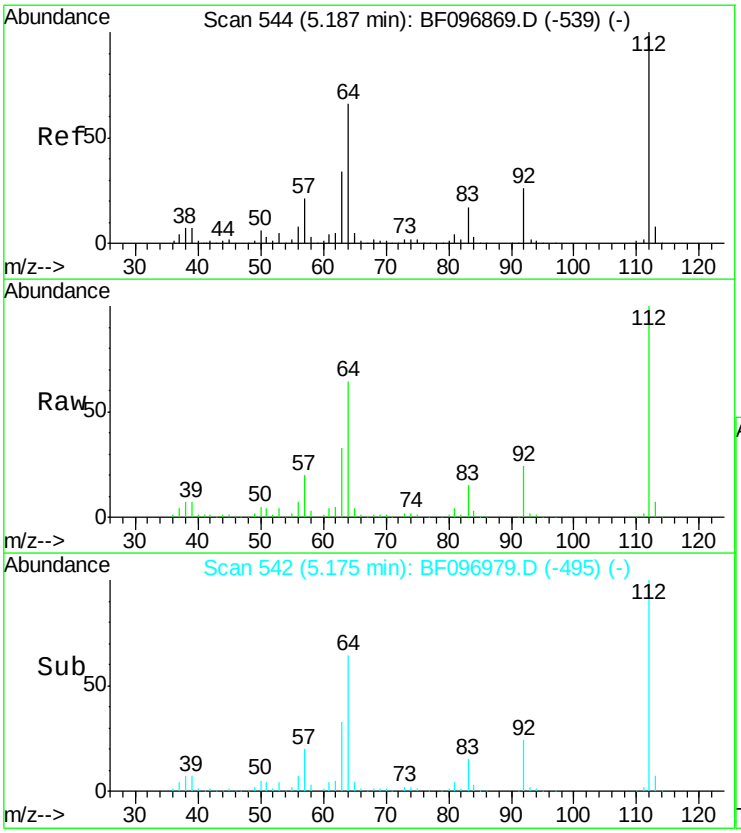
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:152 Resp: 111325

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	63.2	52.2	78.2

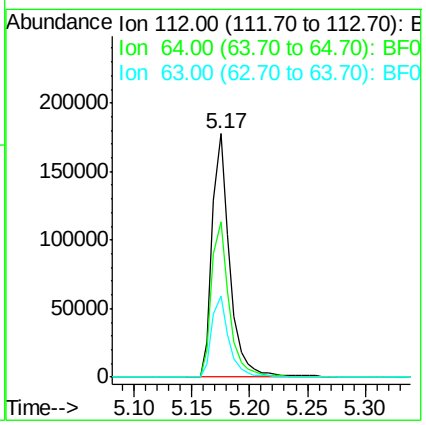


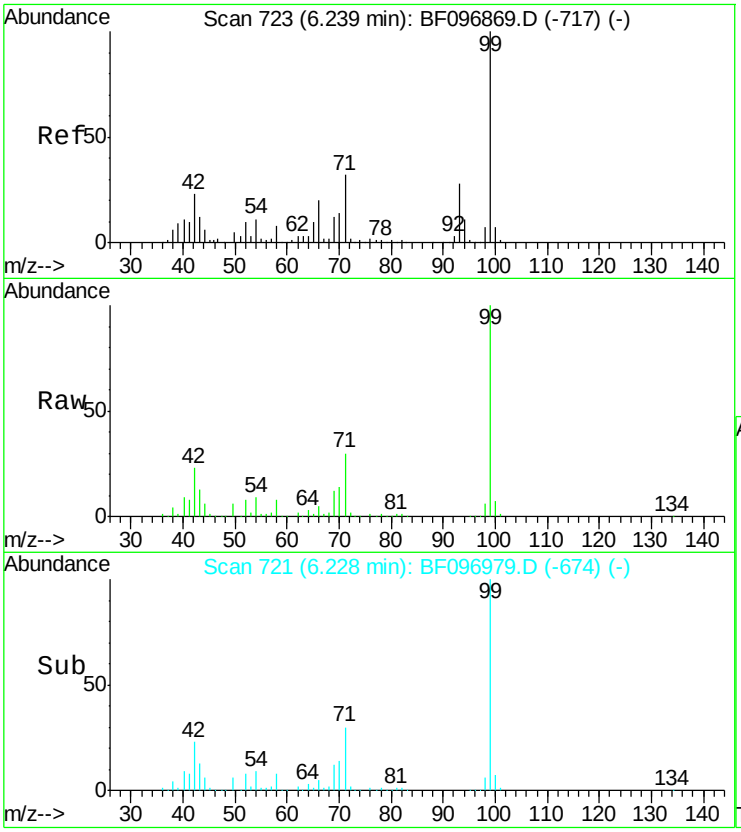


#5
2-Fluorophenol
Concen: 25.37 ng
RT: 5.17 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:112 Resp: 187868

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	33.1	23.4	35.0



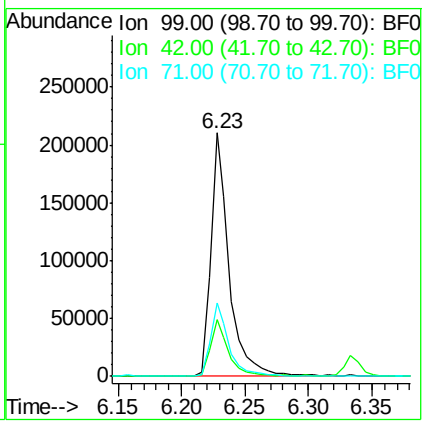


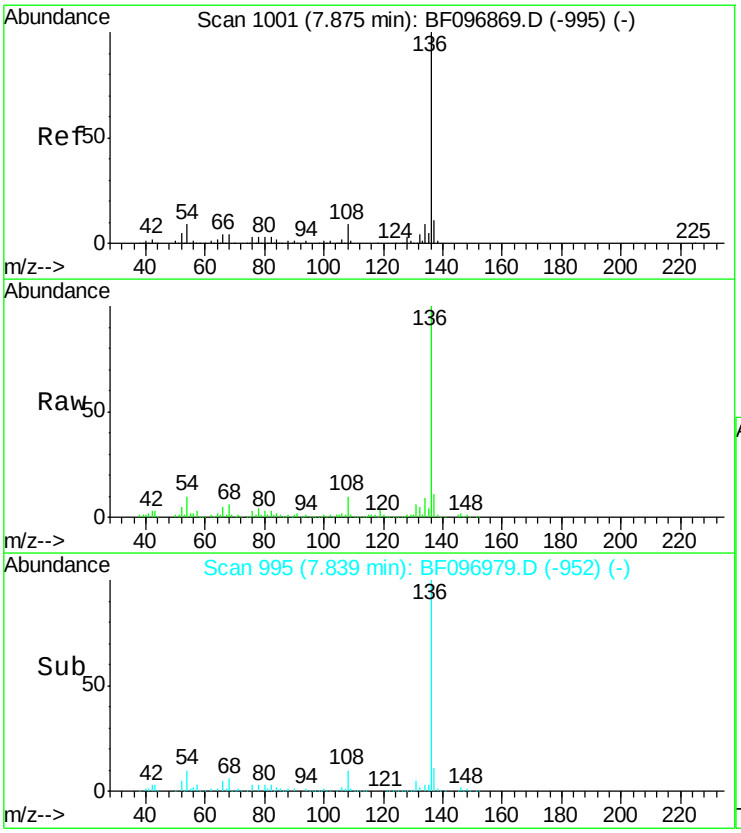
#7
Phenol-d6
Concen: 24.00 ng
RT: 6.23 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion: 99 Resp: 213249

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	30.4	24.5	36.7

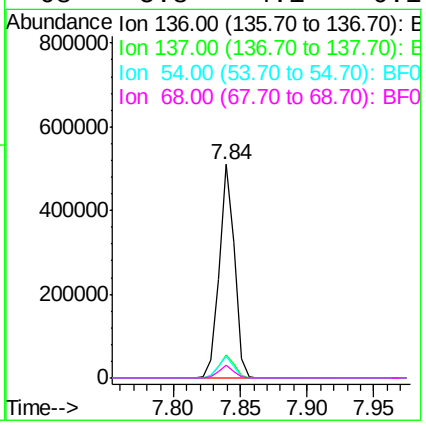


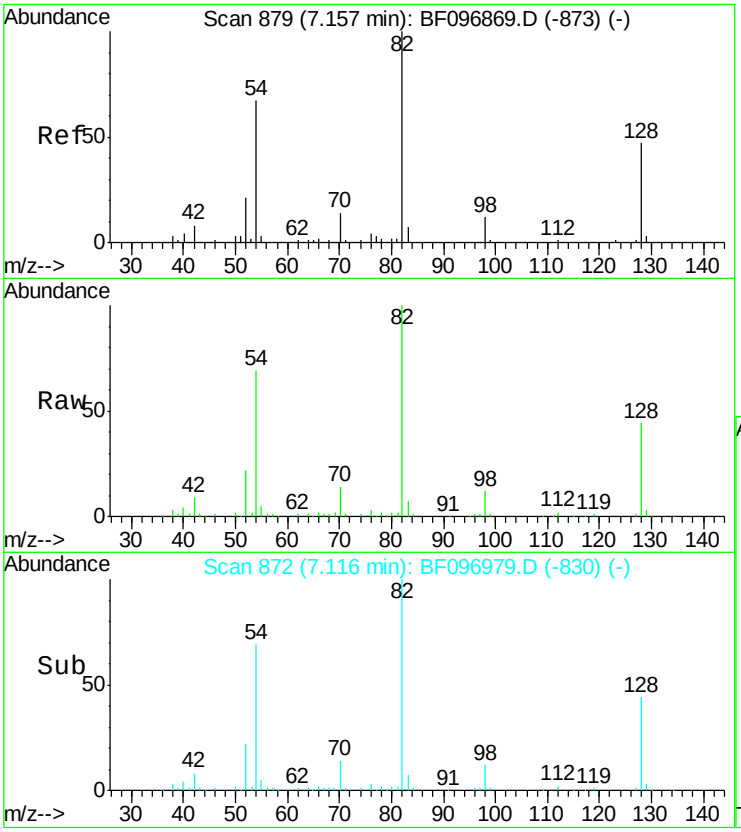


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:136 Resp: 414443

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.4	4.9	7.3#
68	5.8	4.1	6.1



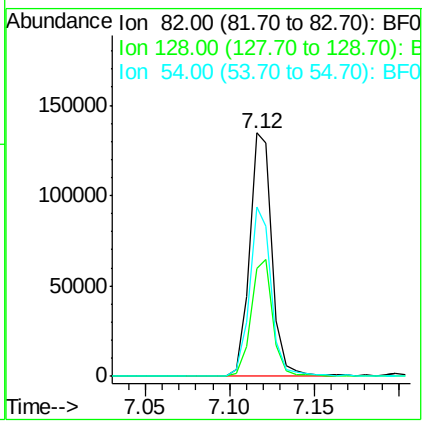


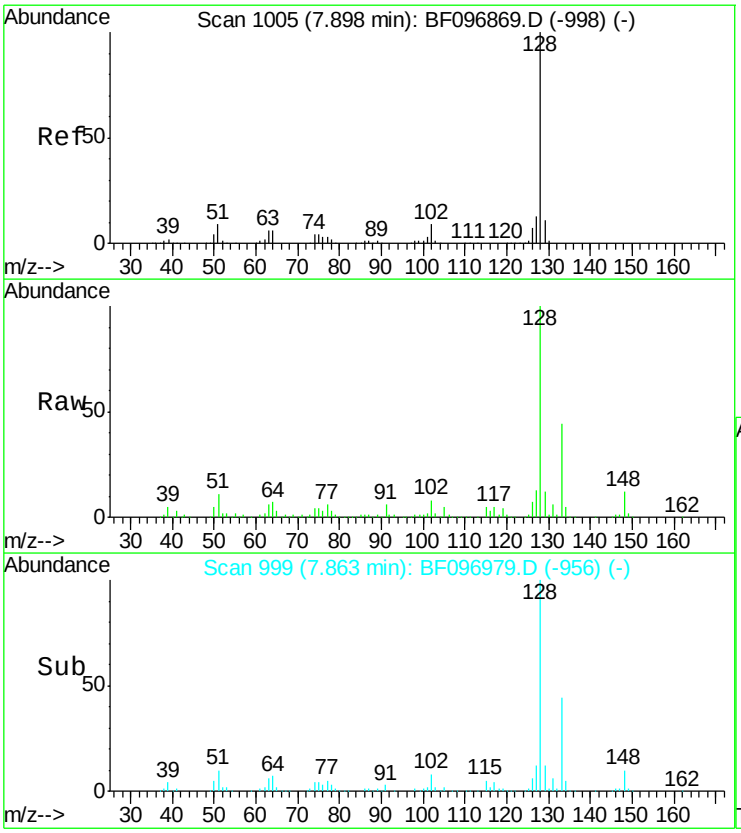
#23
Nitrobenzene-d5
Concen: 18.84 ng
RT: 7.12 min Scan# 872
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion: 82 Resp: 126066

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.0	51.0
54	69.4	42.2	63.2#

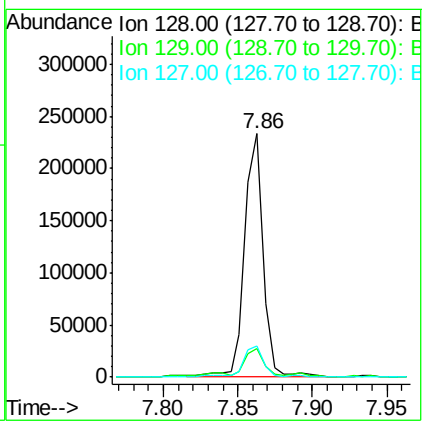


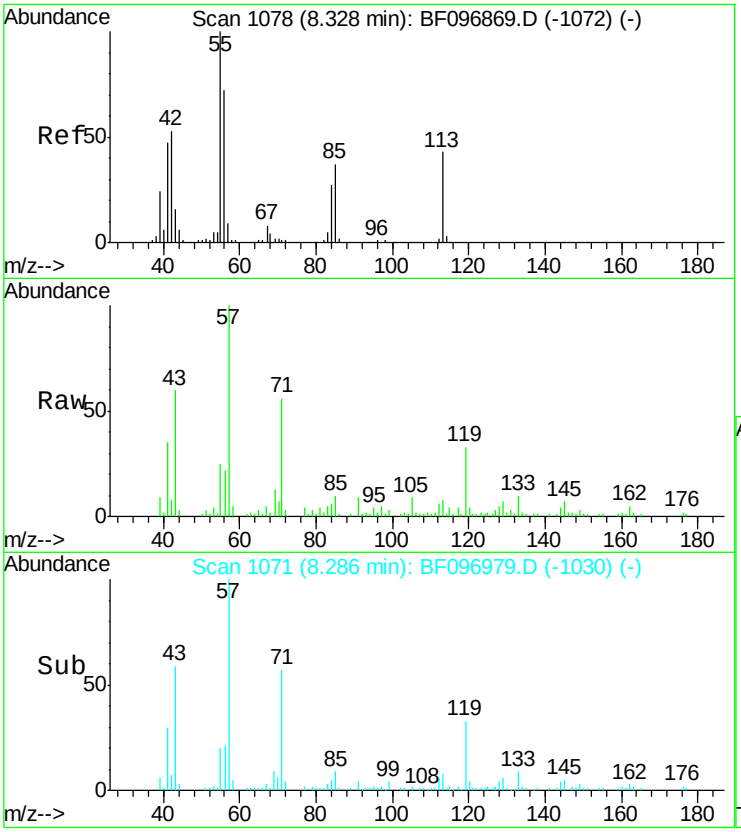


#31
Naphthalene
Concen: 10.08 ng
RT: 7.86 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:128 Resp: 197930

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	12.6	10.8	16.2



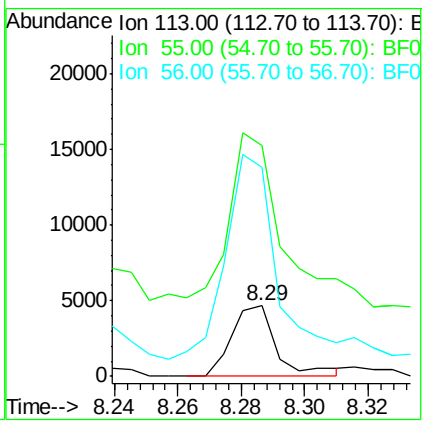


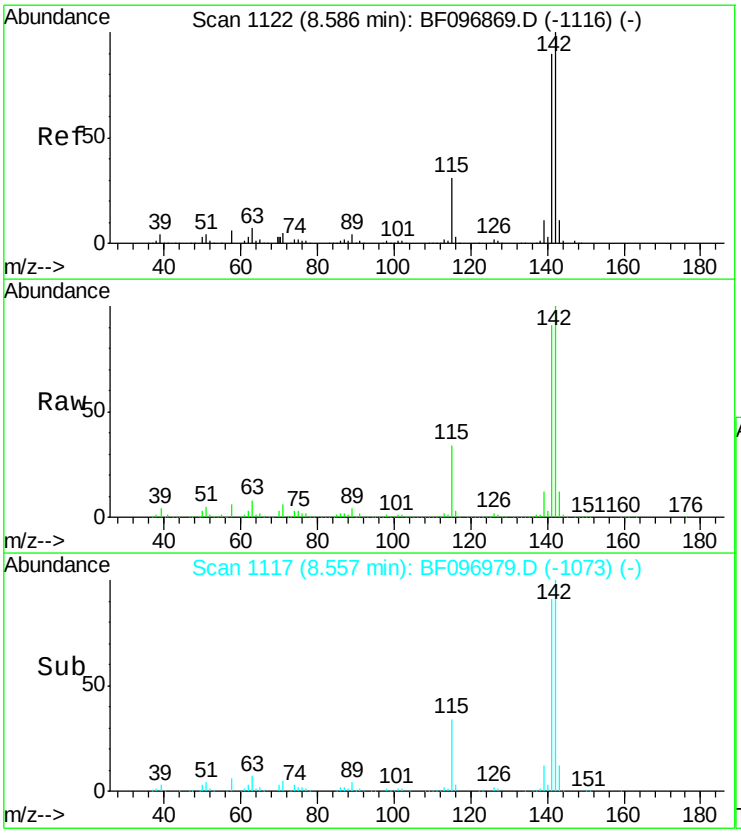
#35
Caprolactam
Concen: 2.50 ng
RT: 8.29 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:113 Resp: 4594

Ion	Ratio	Lower	Upper
113	100		
55	326.3	150.2	190.2#
56	295.8	107.8	147.8#

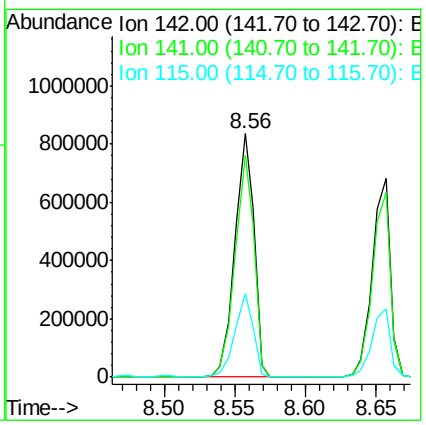


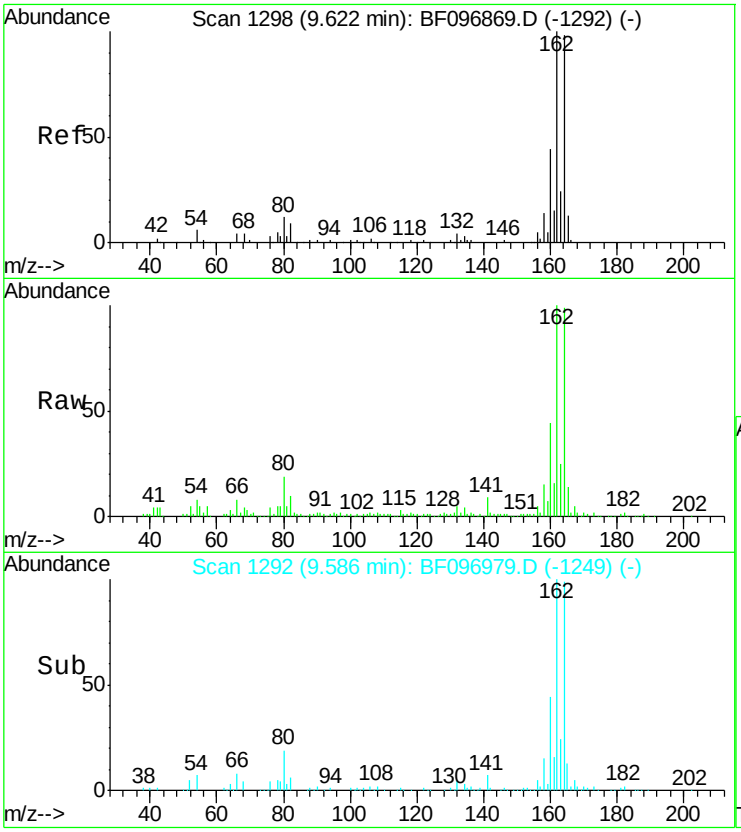


#37
2-Methylnaphthalene
Concen: 62.93 ng
RT: 8.56 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:142 Resp: 787698

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9
115	34.2	27.1	40.7



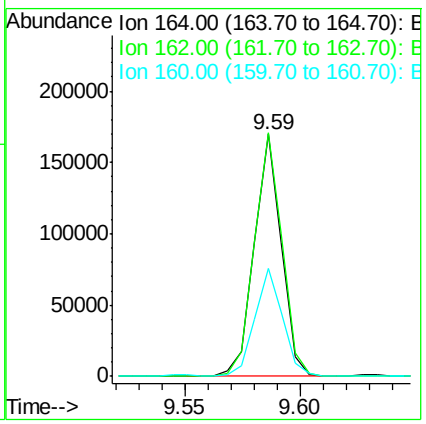


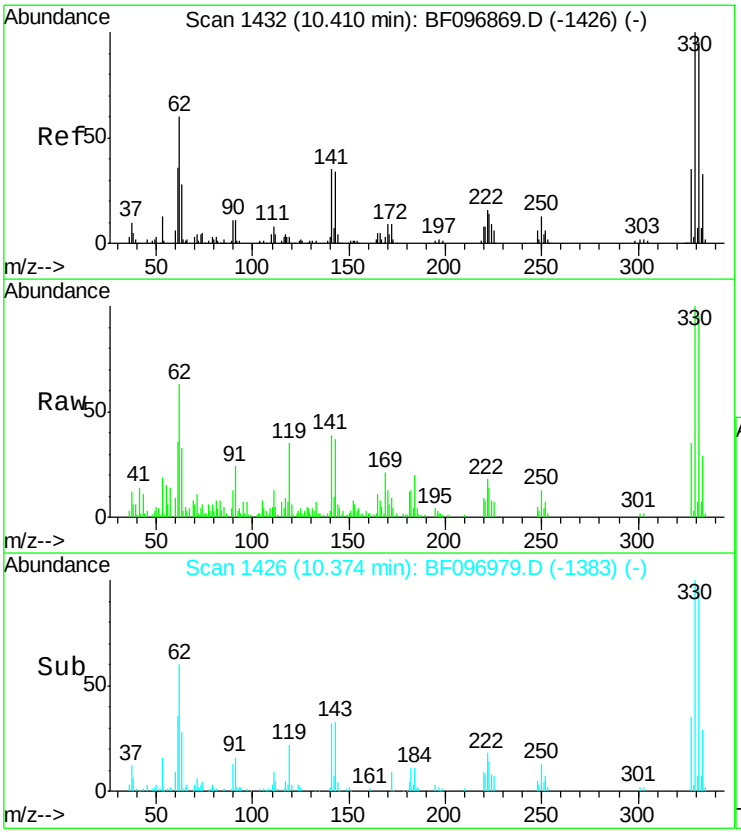
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:164 Resp: 139260

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	44.7	36.2	54.2

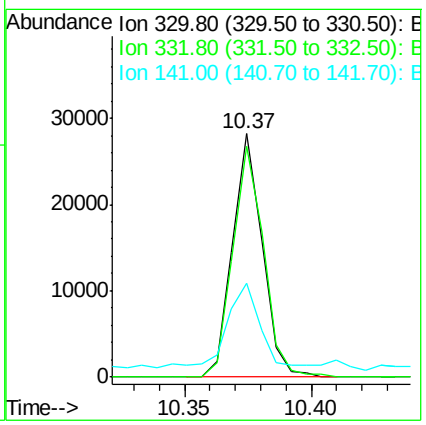


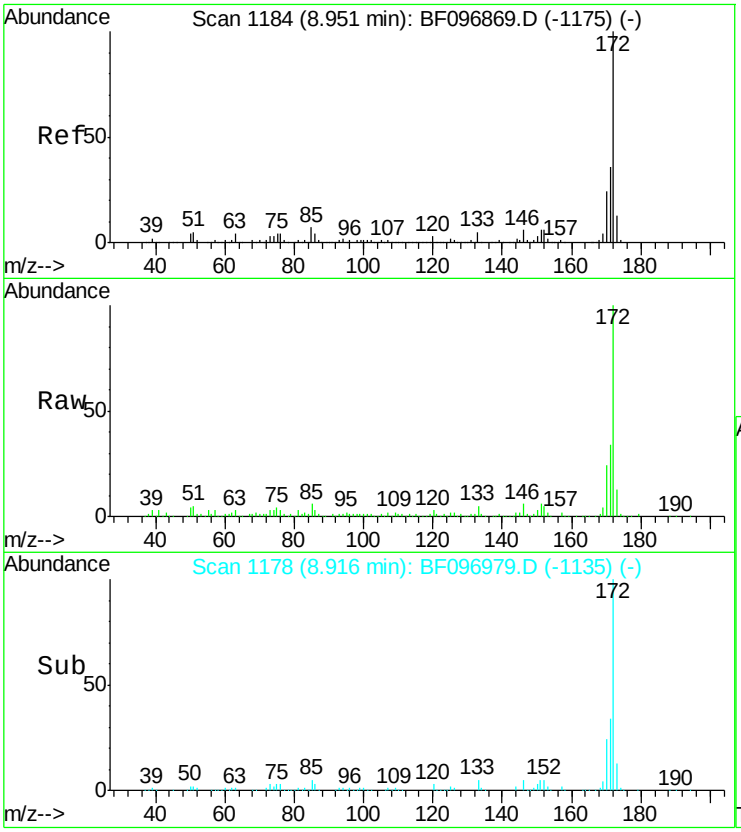


#41
2,4,6-Tribromophenol
Concen: 19.27 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:330 Resp: 22907

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	41.0	31.4	47.2



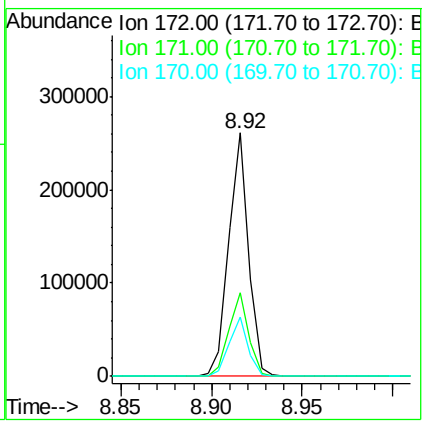


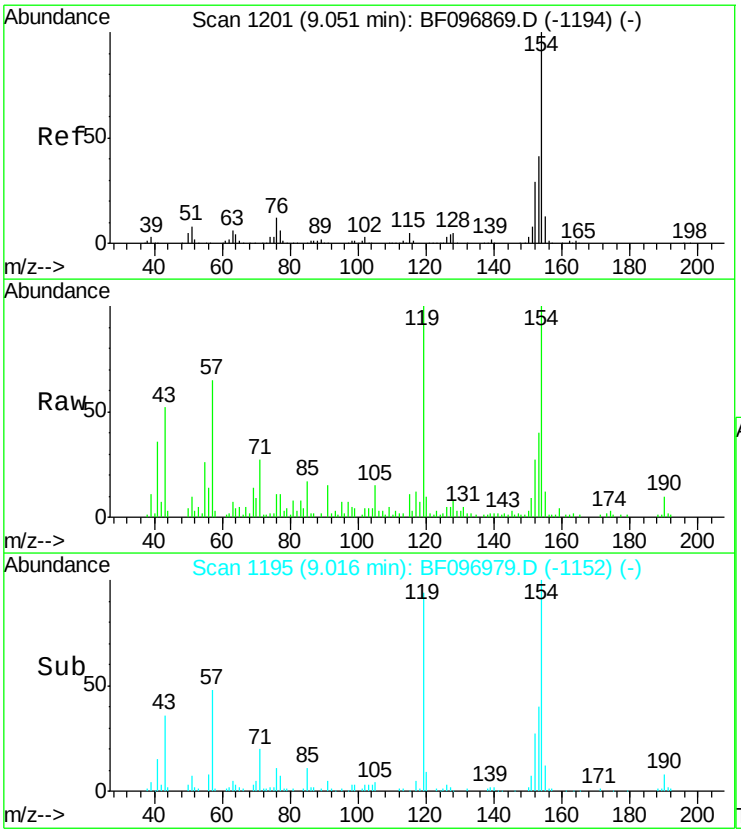
#44
2-Fluorobiphenyl
Concen: 22.63 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:172 Resp: 199440

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	24.2	19.8	29.8

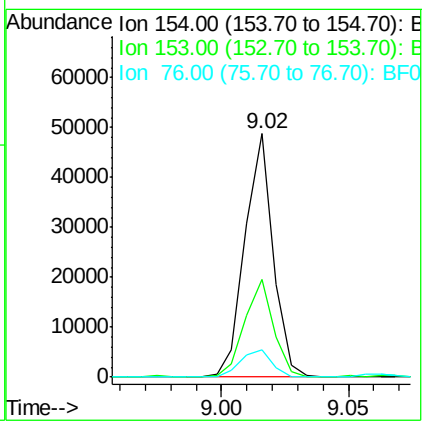


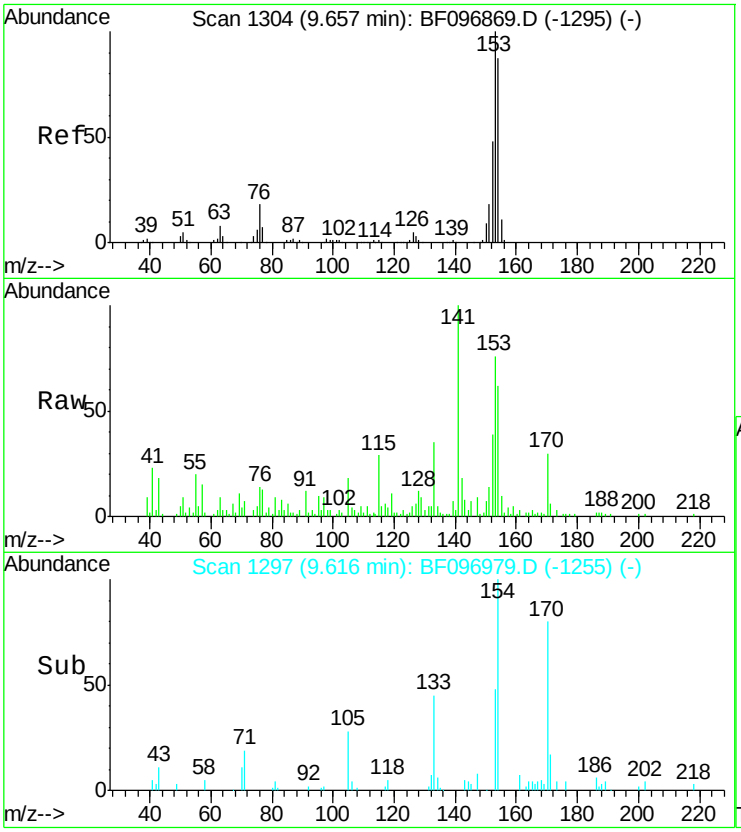


#45
1,1'-Biphenyl
Concen: 3.16 ng
RT: 9.02 min Scan# 1195
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:154 Resp: 37781

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	11.1	0.0	29.9



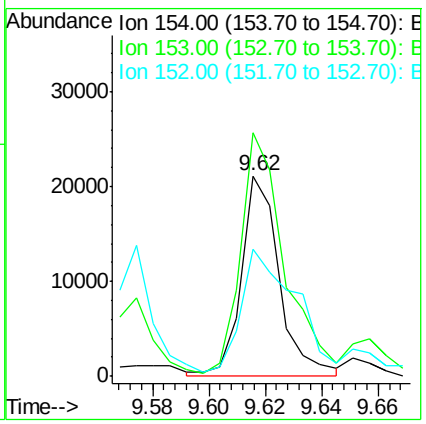


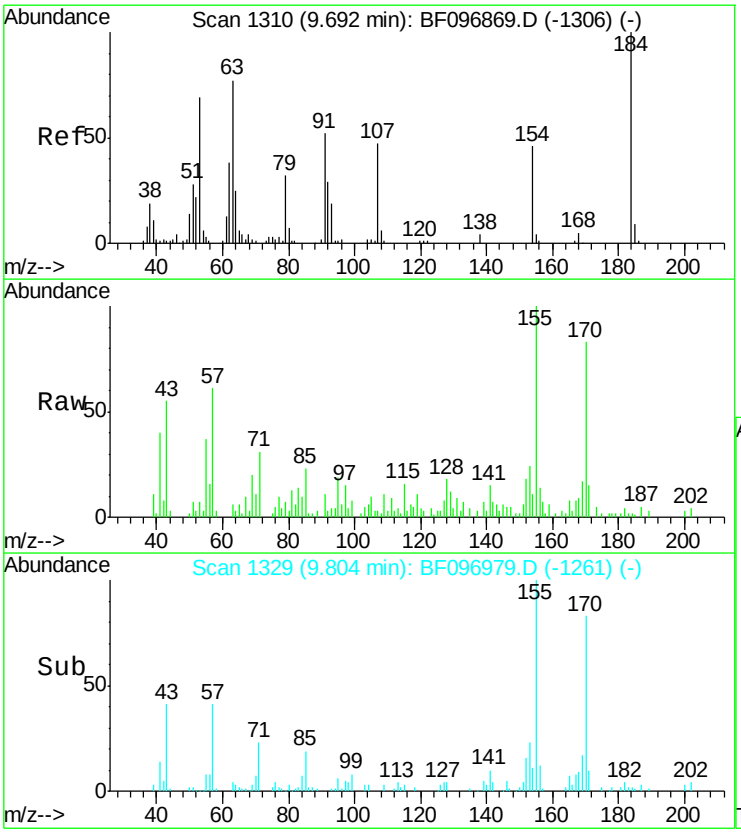
#51
Acenaphthene
Concen: 2.39 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:154 Resp: 19816

Ion	Ratio	Lower	Upper
154	100		
153	121.3	90.5	135.7
152	63.0	43.6	65.4

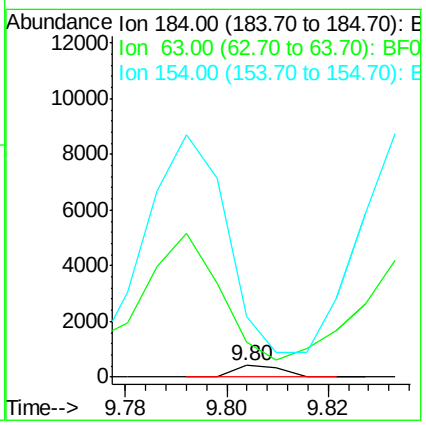


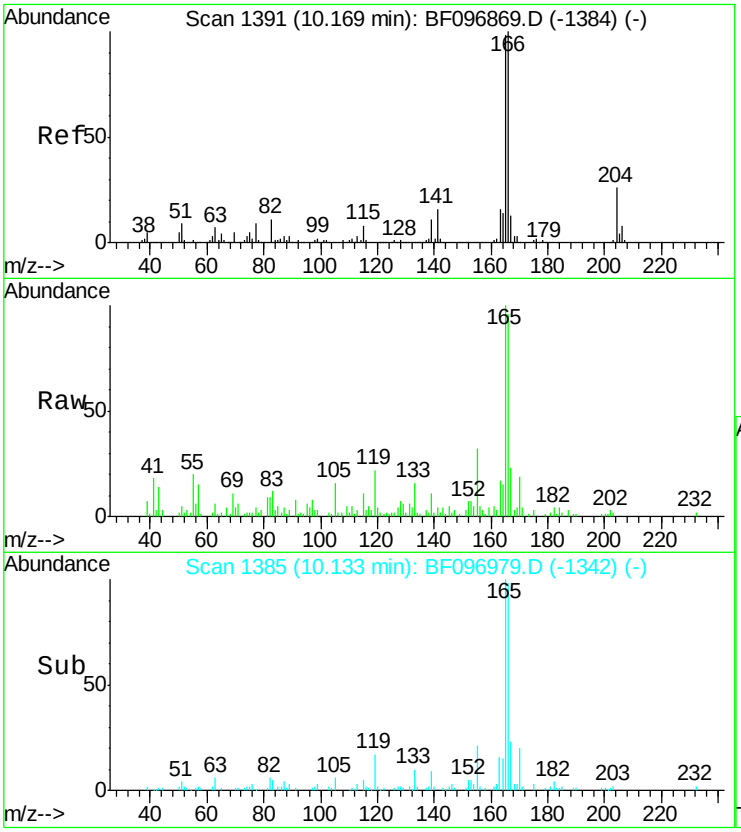


#53
2,4-Dinitrophenol
Concen: 6.95 ng
RT: 9.80 min Scan# 1329
Delta R.T. 0.10 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:184 Resp: 258

Ion	Ratio	Lower	Upper
184	100		
63	305.9	62.7	94.1#
154	529.2	81.1	121.7#



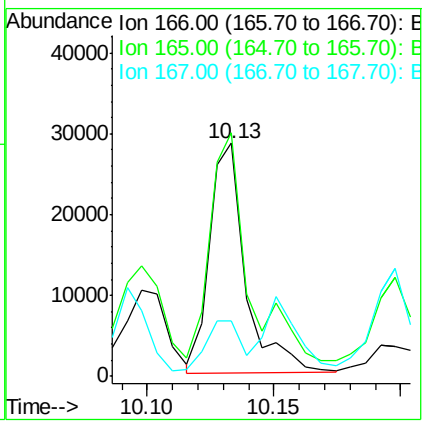


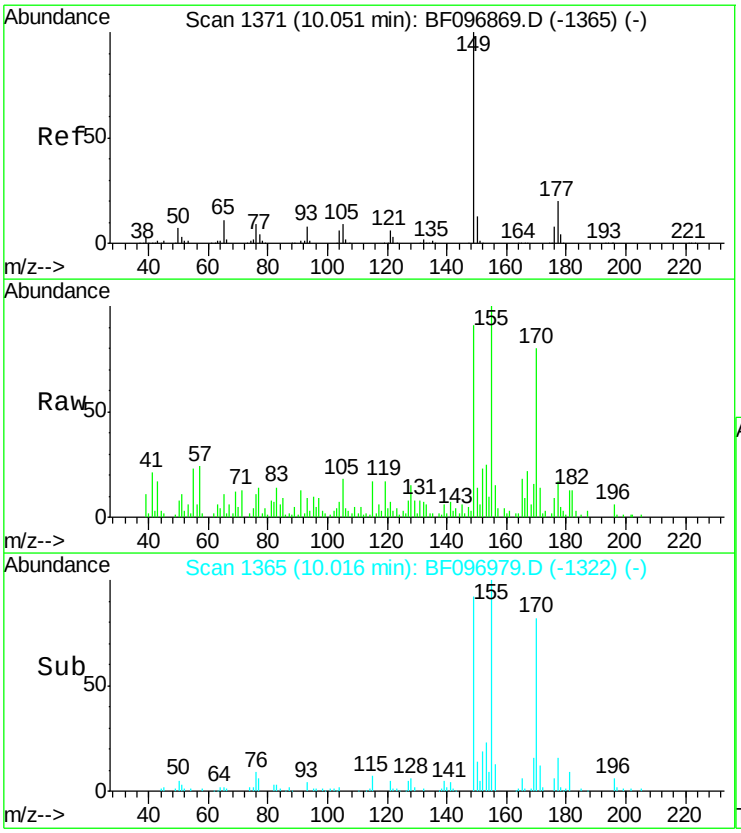
#57
Fluorene
Concen: 3.30 ng
RT: 10.13 min Scan# 1385
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:166 Resp: 28245

Ion	Ratio	Lower	Upper
166	100		
165	104.4	78.8	118.2
167	23.7	10.6	16.0#

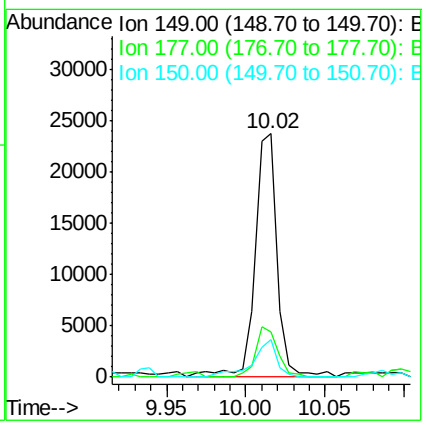


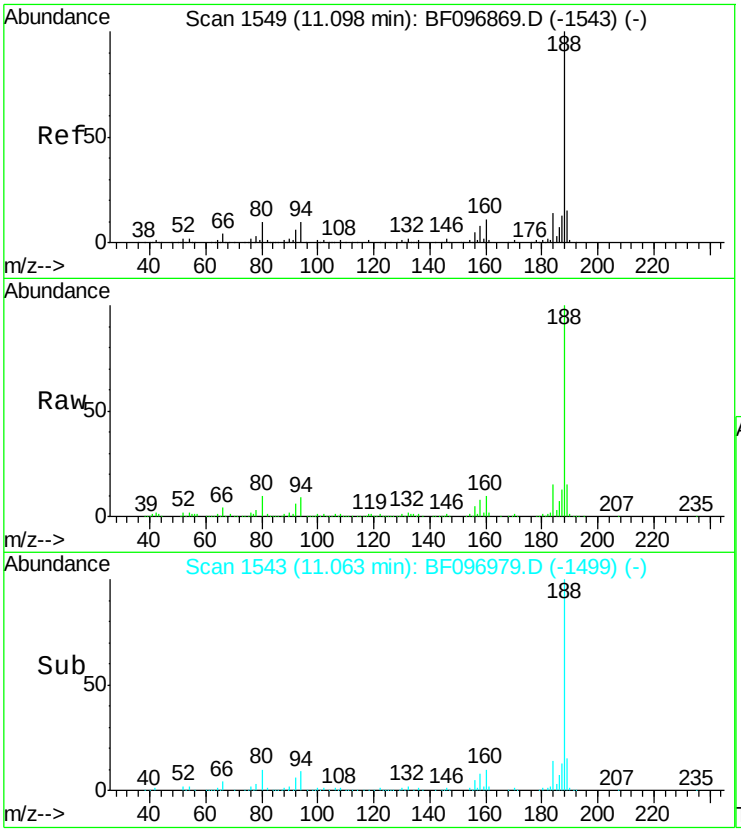


#59
Diethylphthalate
Concen: 2.27 ng
RT: 10.02 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:149 Resp: 23211

Ion	Ratio	Lower	Upper
149	100		
177	18.7	16.7	25.1
150	15.2	10.2	15.2



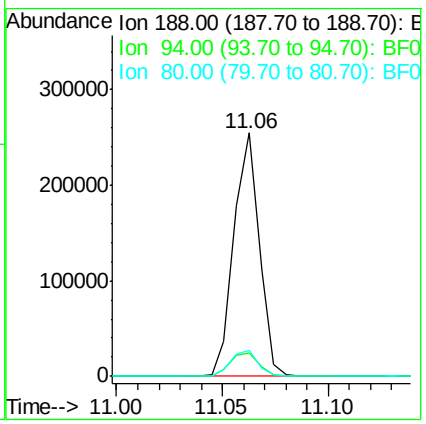


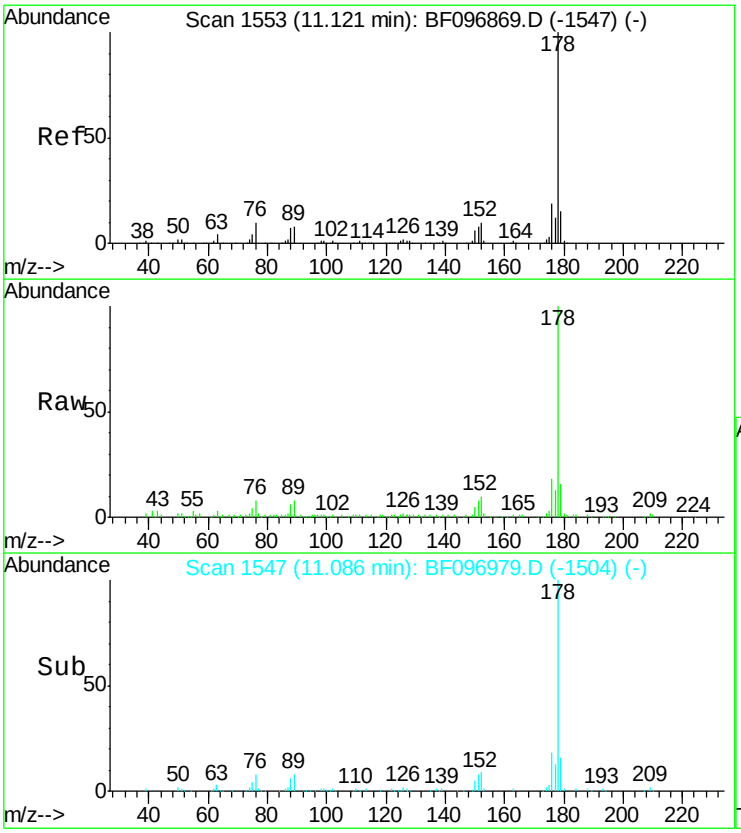
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:188 Resp: 211136

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

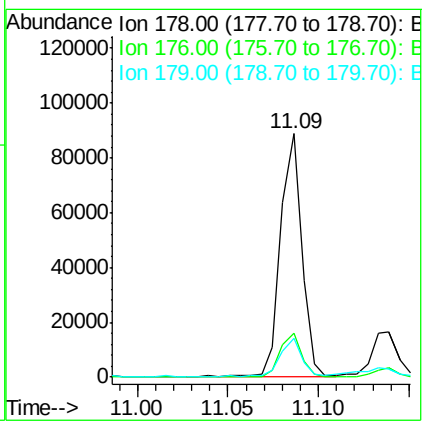


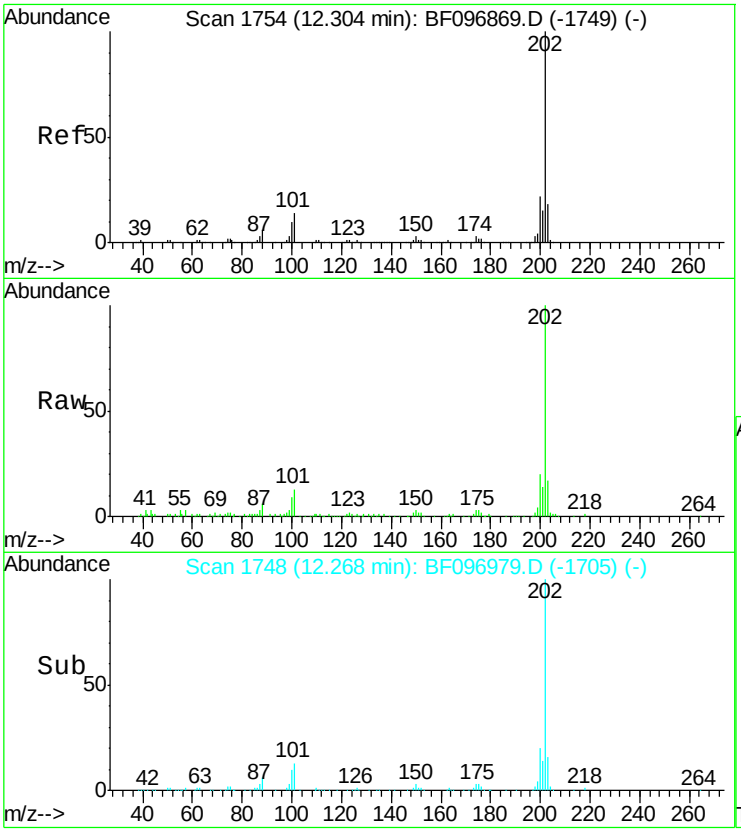


#70
Phenanthrene
Concen: 6.41 ng
RT: 11.09 min Scan# 1547
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:178 Resp: 73641

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	16.1	12.6	19.0



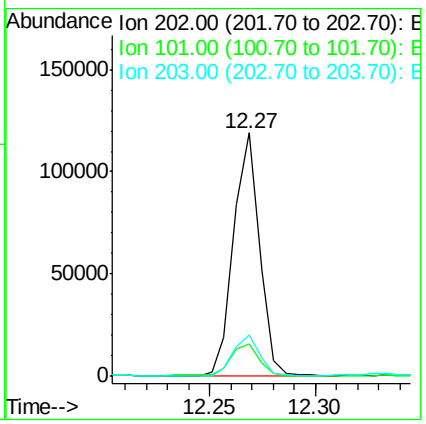


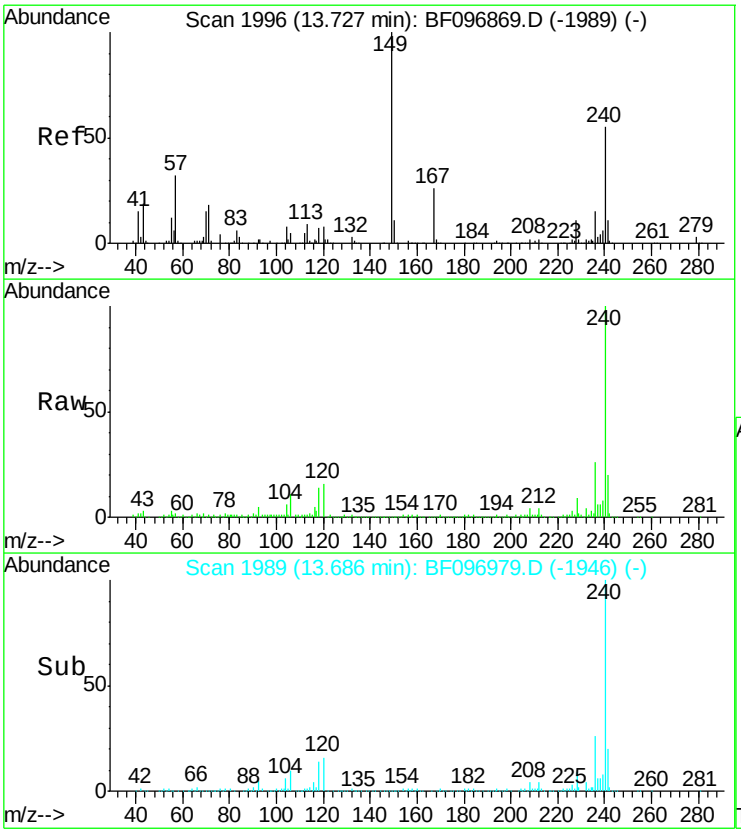
#74
Fluoranthene
Concen: 9.20 ng
RT: 12.27 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:202 Resp: 101069

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.8	0.0	38.1

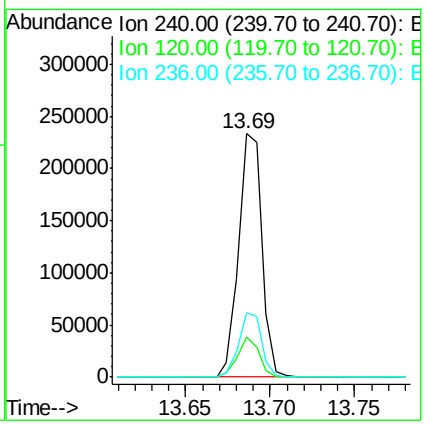


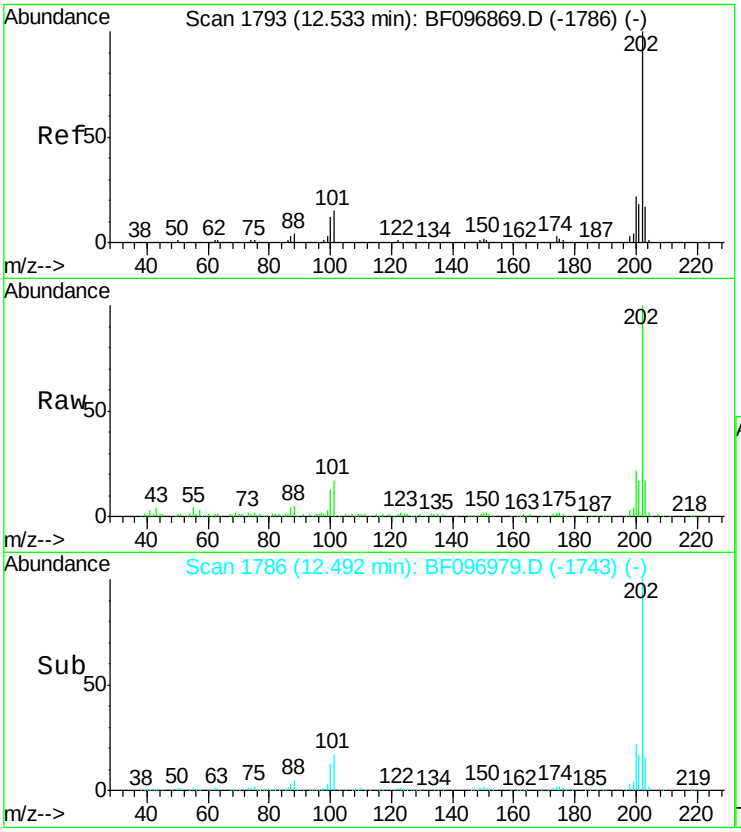


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:240 Resp: 225491

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	26.5	20.5	30.7



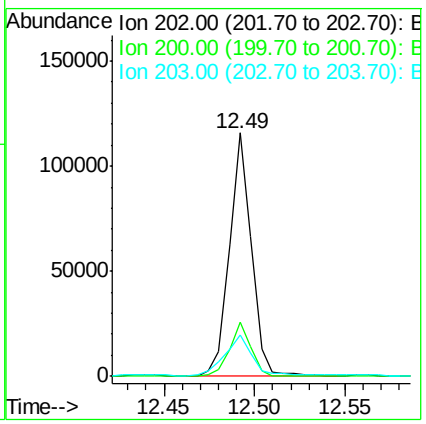


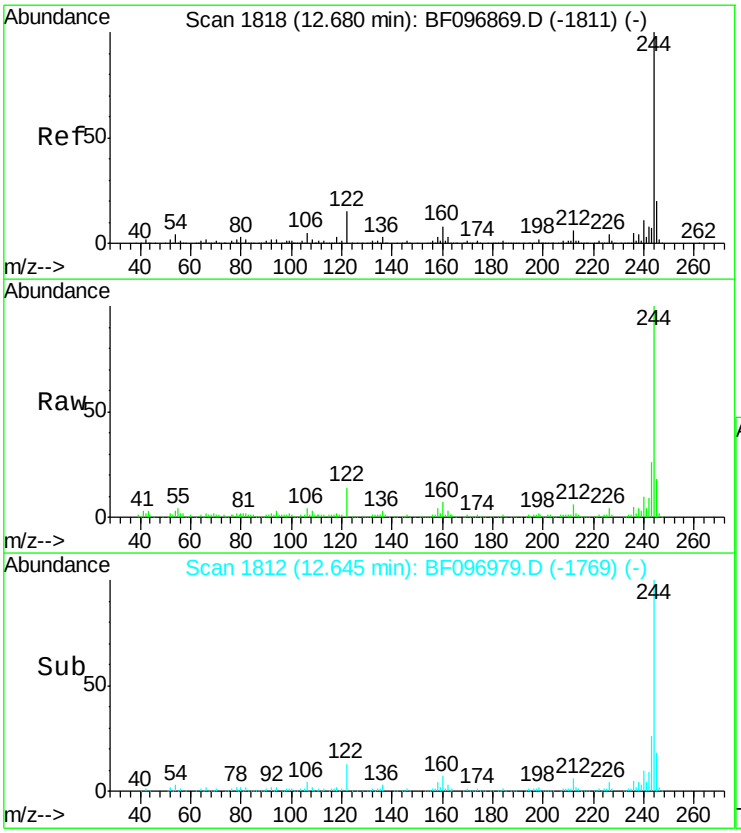
#77
Pyrene
Concen: 4.76 ng
RT: 12.49 min Scan# 1786
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:202 Resp: 97439

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	16.8	14.4	21.6

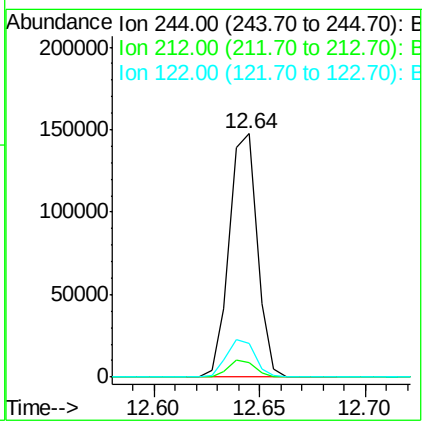


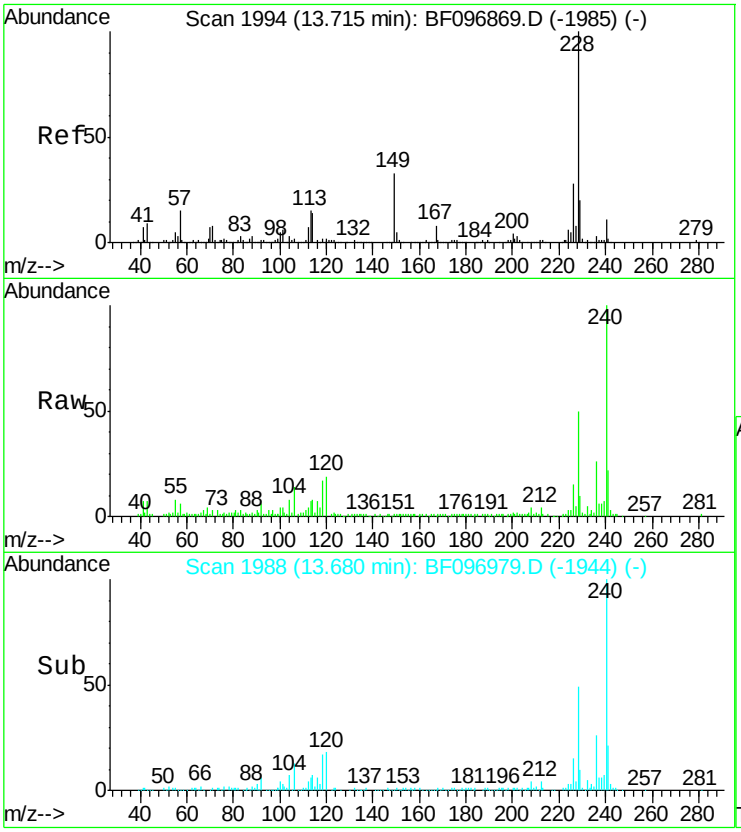


#78
Terphenyl-d14
Concen: 10.40 ng
RT: 12.64 min Scan# 1812
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:244 Resp: 135278

Ion	Ratio	Lower	Upper
244	100		
212	5.8	6.0	9.0#
122	13.9	10.3	15.5



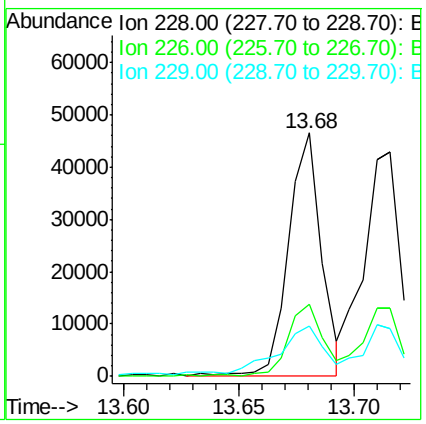


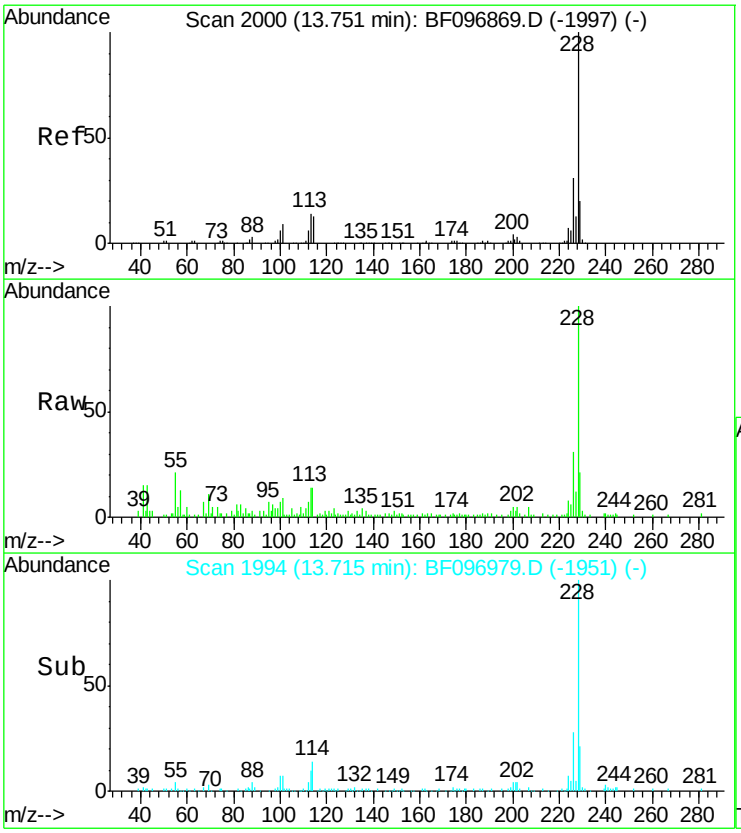
#80
Benzo(a)anthracene
Concen: 3.27 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:228 Resp: 45940

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.6	16.3	24.5

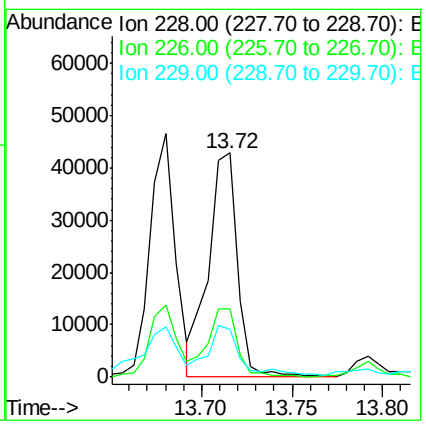


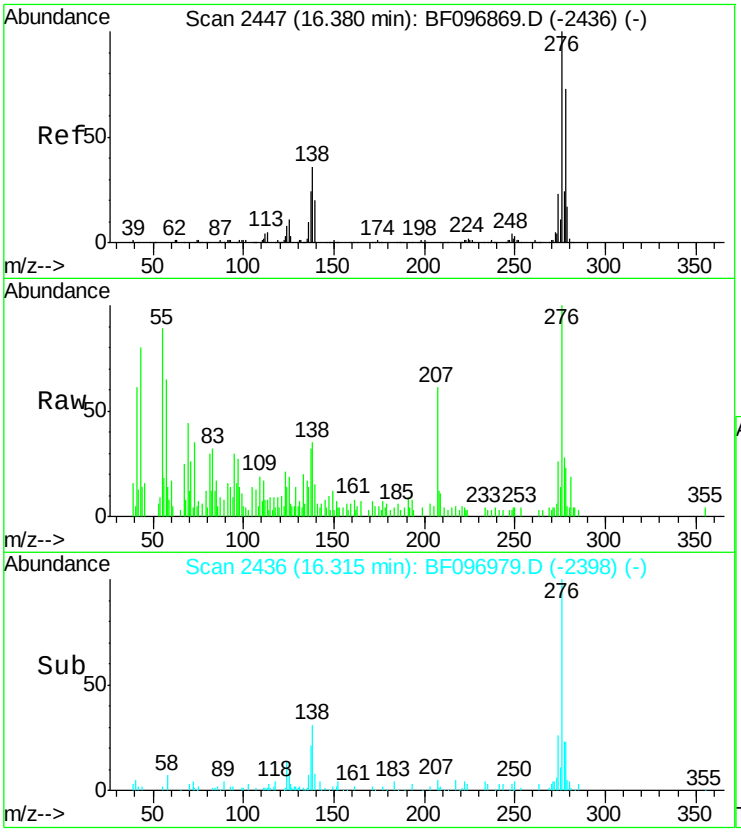


#82
Chrysene
Concen: 3.47 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:228 Resp: 48026

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.3	15.8	23.6



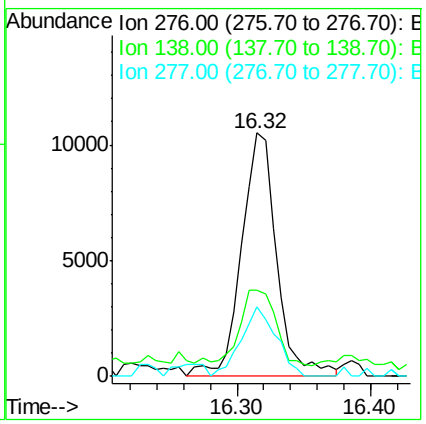


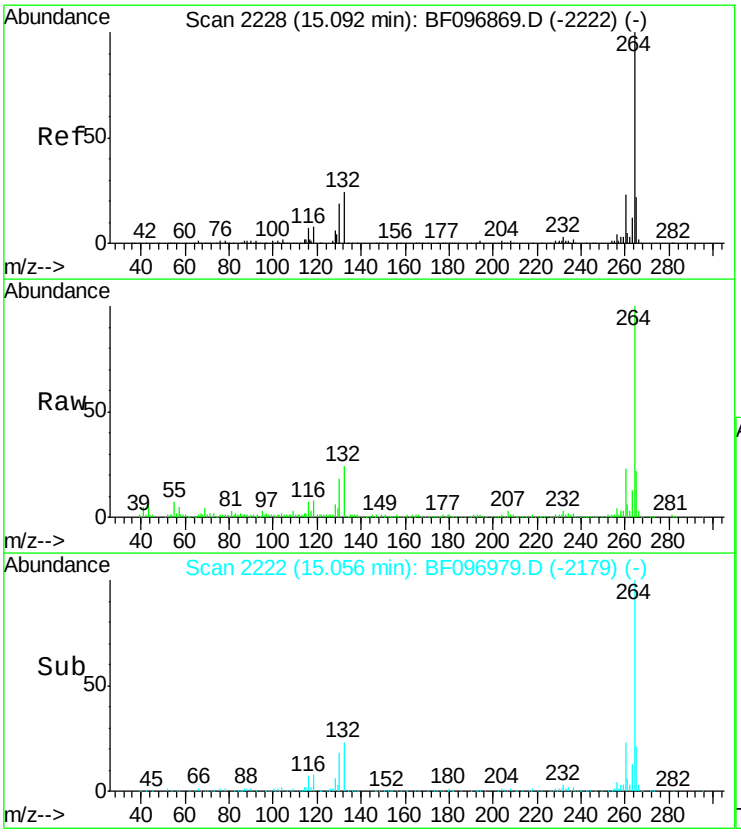
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.76 ng
RT: 16.32 min Scan# 2436
Delta R.T. -0.08 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:276 Resp: 19089

Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.8	41.6
277	28.3	20.2	30.4

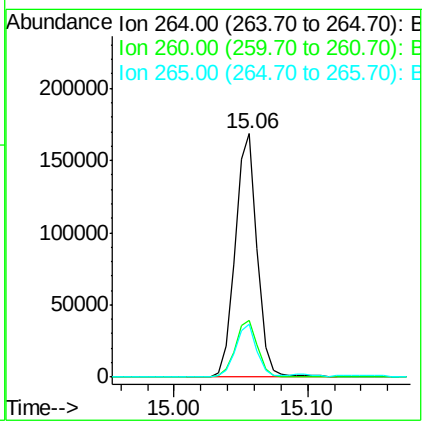


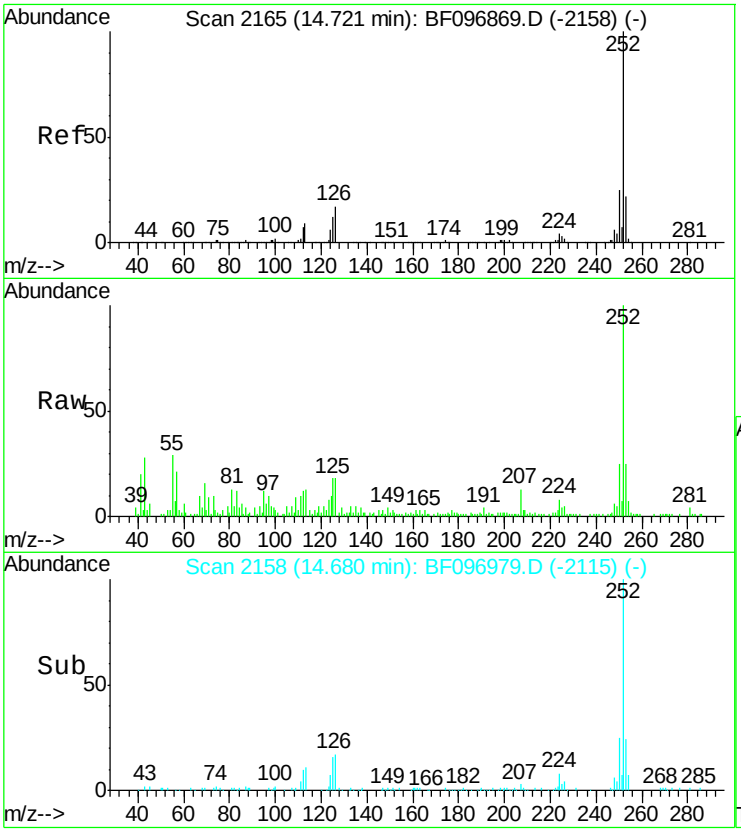


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 2222
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:264 Resp: 192591

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8



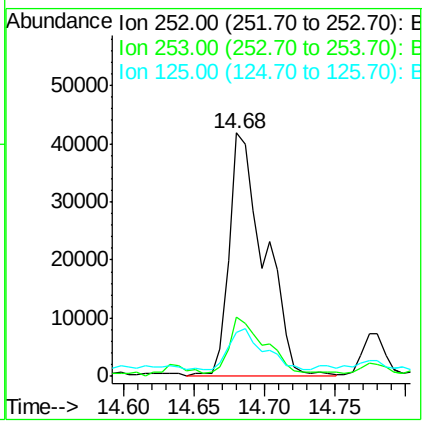


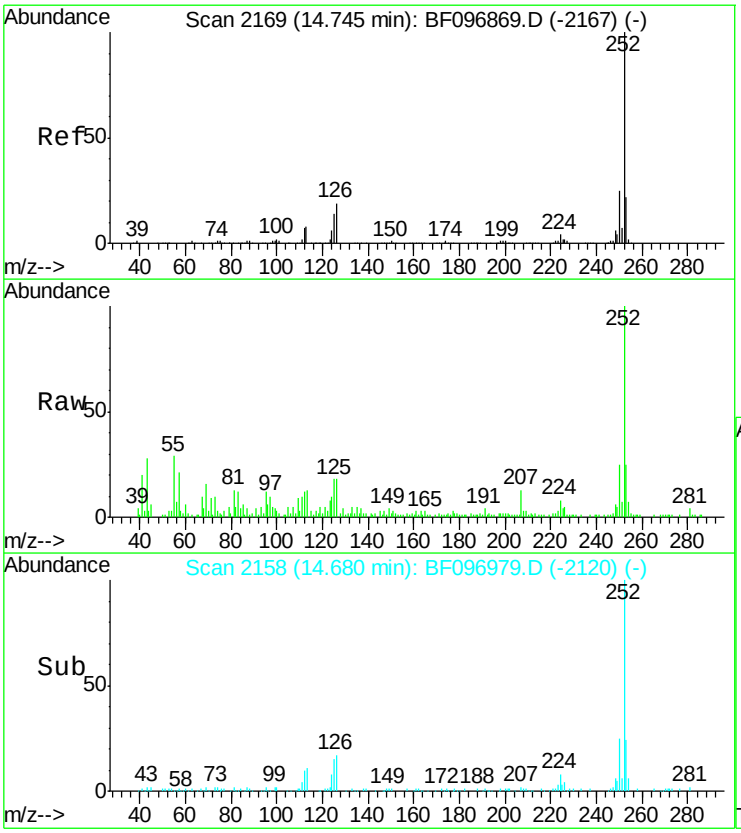
#87
Benzo(b)fluoranthene
Concen: 6.31 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:252 Resp: 73259

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	18.1	9.8	14.8#

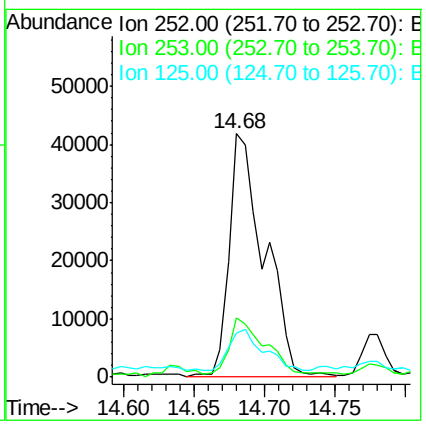


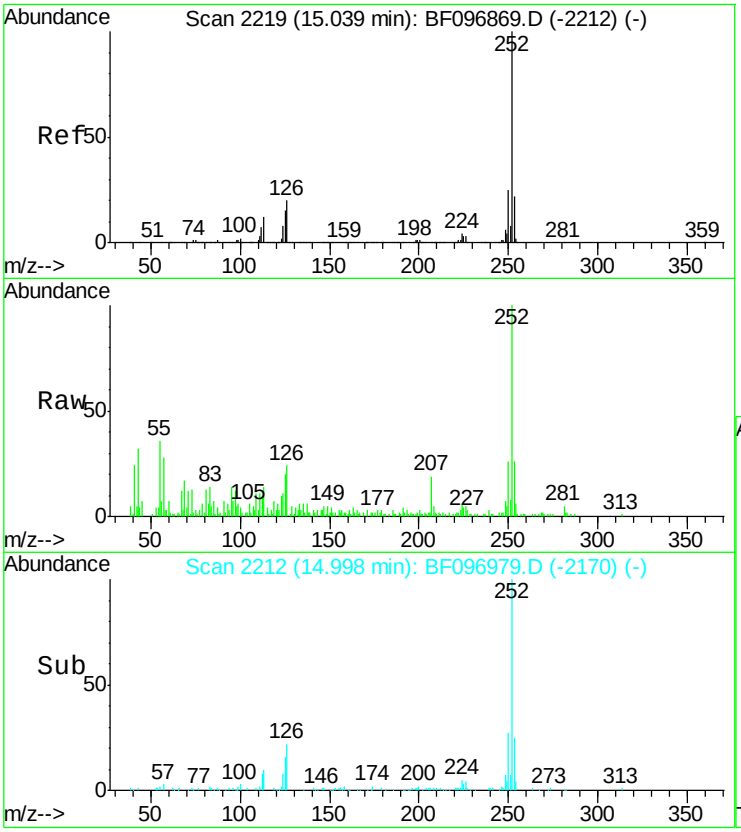


#88
Benzo(k)fluoranthene
Concen: 6.66 ng
RT: 14.68 min Scan# 2158
Delta R.T. -0.08 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Tgt Ion:252 Resp: 73259

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	18.1	13.1	19.7





#89
Benzo(a)pyrene
Concen: 3.57 ng
RT: 15.00 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF096979.D
Acq: 22 Jul 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:252 Resp: 38067

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.5	26.3#
125	20.3	11.0	16.4#