Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080036.D
Acq On : 17 Jun 2015 21:59
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-HC-001

Quant Time: Jun 18 01:01:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	41243	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	158006	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	80153	20.00	ng		0.00
63) Phenanthrene-d10	11.90	188	162785	20.00	ng		-0.01
75) Chrysene-d12	14.81	240	188763	20.00	ng		-0.05
86) Perylene-d12	16.67	264	194972	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	267660	114.88	ng		0.00
7) Phenol-d6	6.94	99	396997	128.05	ng		0.00
23) Nitrobenzene-d5	7.89	82	201348	74.19	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	101732	129.80	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	470246	83.67	ng		0.00
78) Terphenyl-d14	13.57	244	549239	67.95	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.89	70	26021	12.09	ng	#	63
25) Isophorone	7.89	82	199358	36.50	ng	#	58
48) Acenaphthylene	10.26	152	17935	2.03	ng		95
49) Dimethylphthalate	10.09	163	49698	8.25	ng	#	98
56) 2,4-Dinitrotoluene	10.40	165	10027	6.54	ng	#	31
66) 4-Bromophenyl-phenylether	11.19	248	7390	4.27	ng	#	1
70) Phenanthrene	11.92	178	94669	9.61	ng		98
71) Anthracene	11.98	178	36113	3.81	ng		99
74) Fluoranthene	13.18	202	186336	17.75	ng		87
77) Pyrene	13.43	202	216357	18.62	ng		97
80) Benzo(a)anthracene	14.80	228	114082	9.92	ng		94
82) Chrysene	14.85	228	99585	9.39	ng		93
83) Bis(2-ethylhexyl)phthalate	14.78	149	18107	2.45	ng		93
85) Indeno(1,2,3-cd)pyrene	18.52	276	51252	3.83	ng	#	80
87) Benzo(b)fluoranthene	16.13	252	162609	13.77	ng	#	89
88) Benzo(k)fluoranthene	16.13	252	162609	13.53	ng	#	89
89) Benzo(a)pyrene	16.59	252	90384	8.06	ng	#	86
91) Benzo(g,h,i)perylene	19.08	276	55900	4.82	ng	#	78

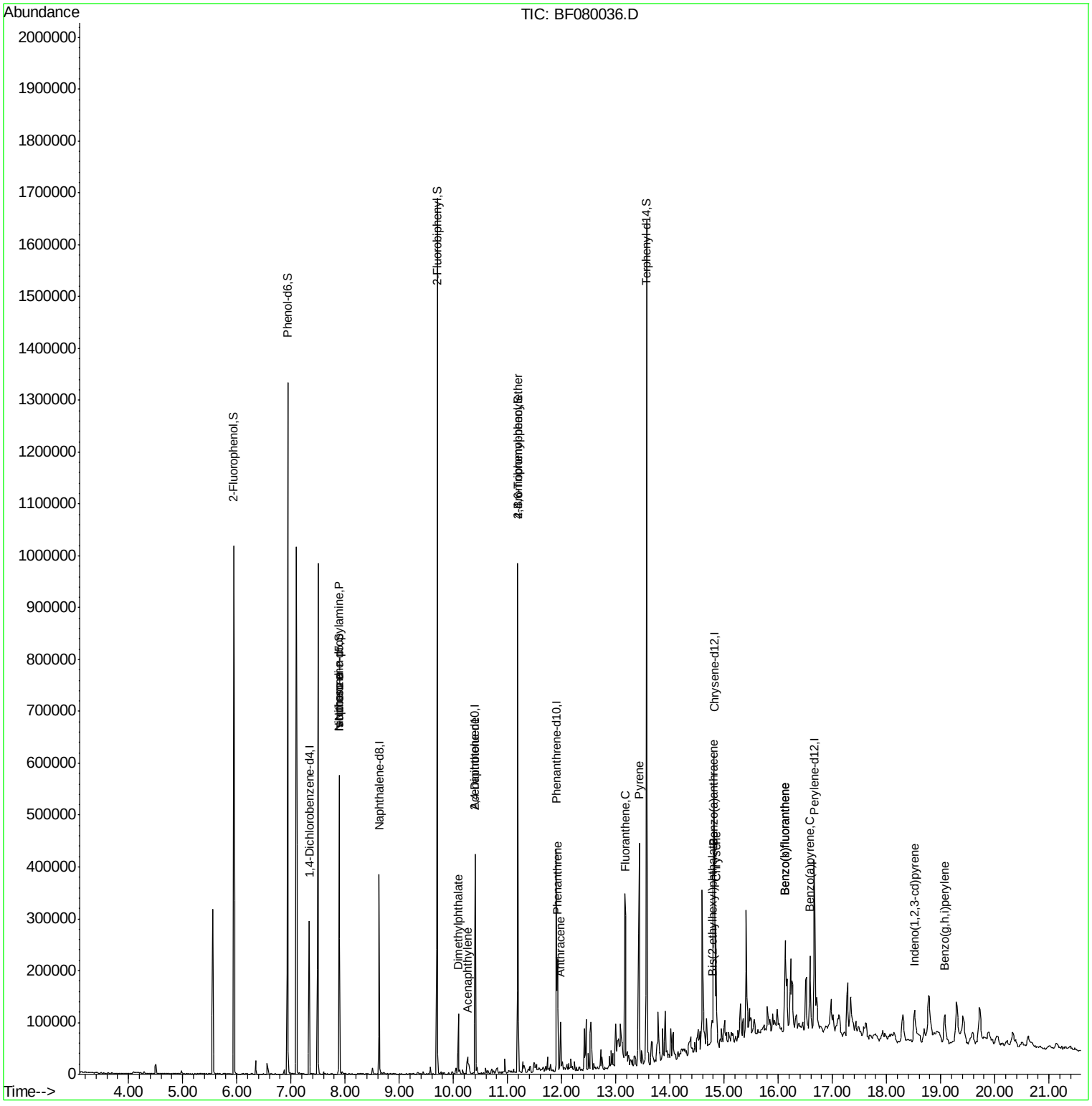
(#) = qualifier out of range (m) = manual integration (+) = signals summed

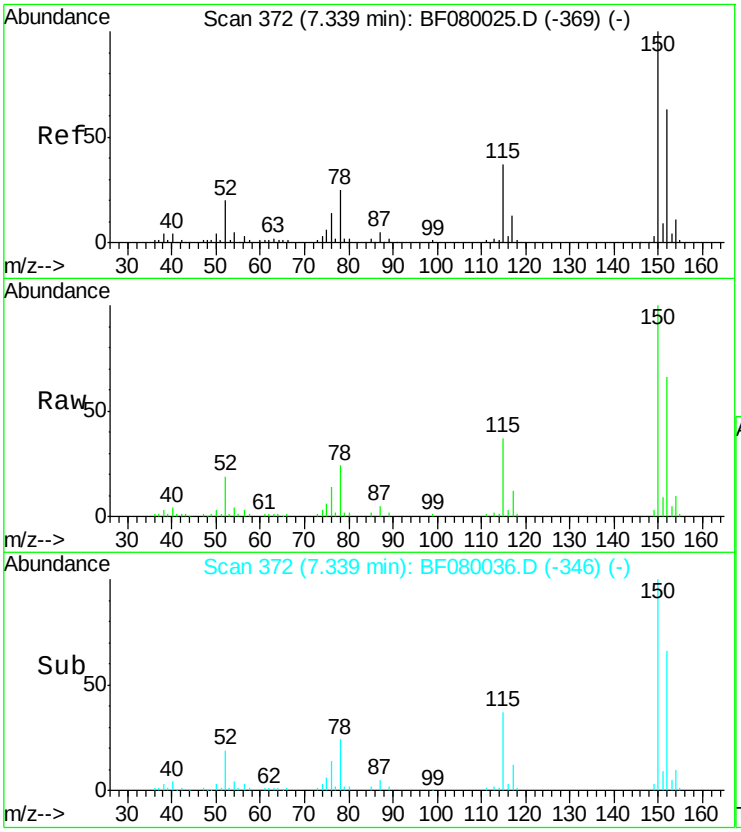
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080036.D
Acq On : 17 Jun 2015 21:59
Operator : TP/IZ
Sample : G2649-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Quant Time: Jun 18 01:01:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration



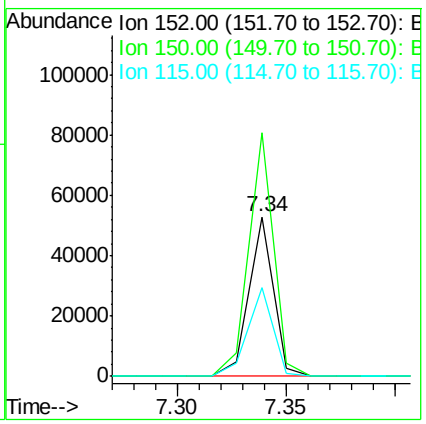


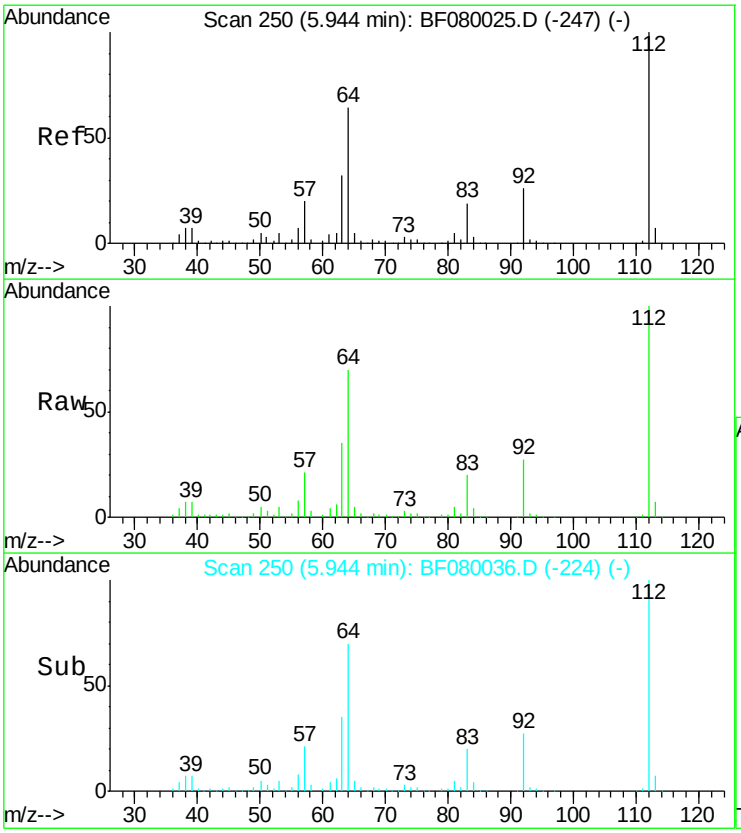
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:152 Resp: 41243

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.7	187.1
115	55.7	39.0	58.4

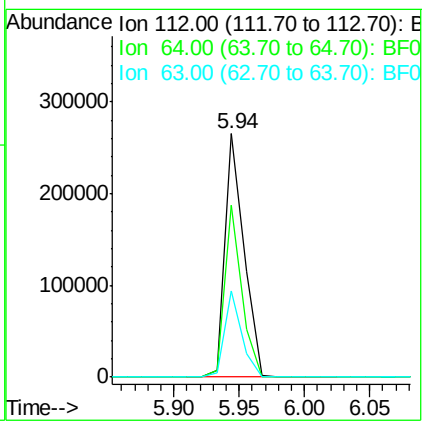


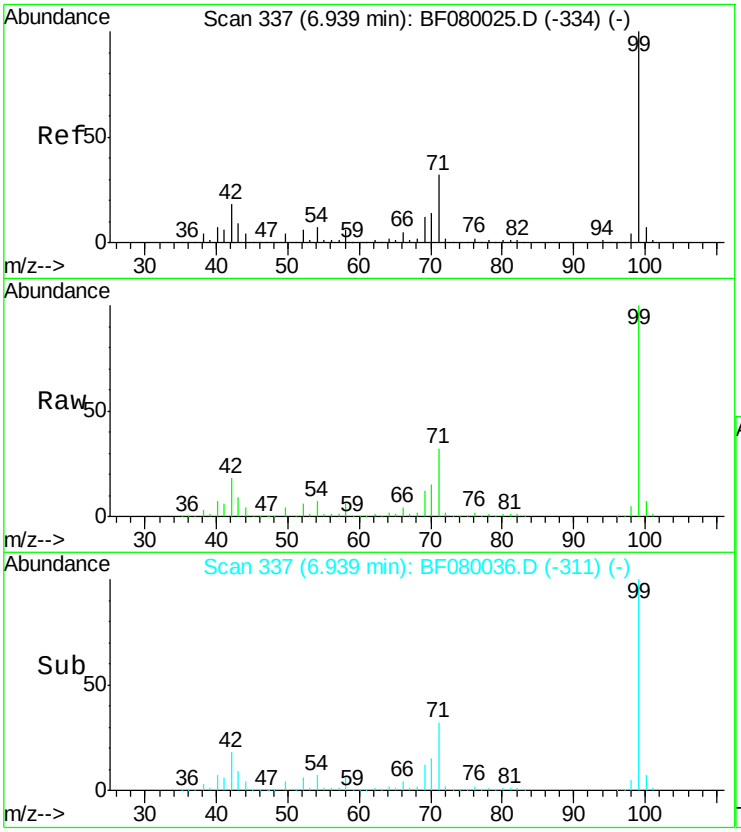


#5
2-Fluorophenol
Concen: 114.88 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:112 Resp: 267660

Ion	Ratio	Lower	Upper
112	100		
64	70.4	39.7	59.5#
63	35.5	17.4	26.0#



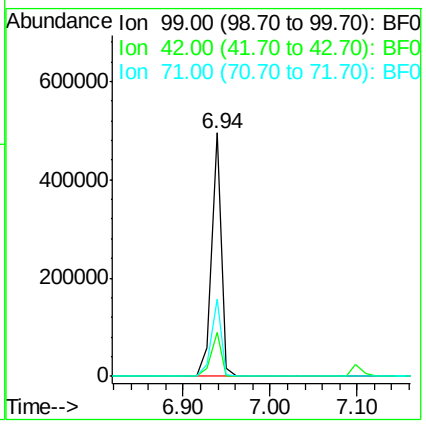


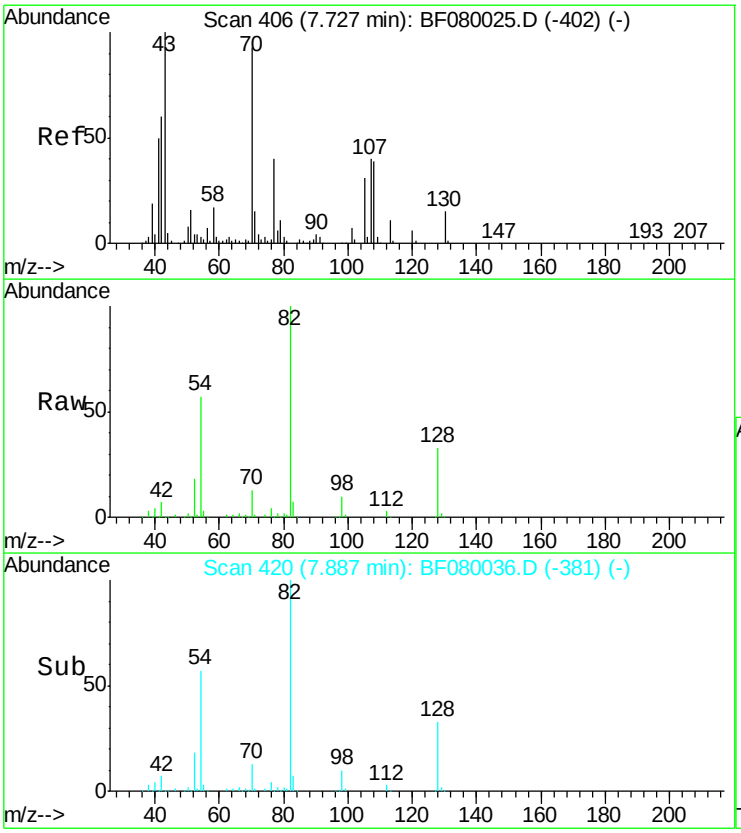
#7
Phenol-d6
Concen: 128.05 ng
RT: 6.94 min Scan# 337
Delta R.T. 0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion: 99 Resp: 396997

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	31.9	14.2	21.2#

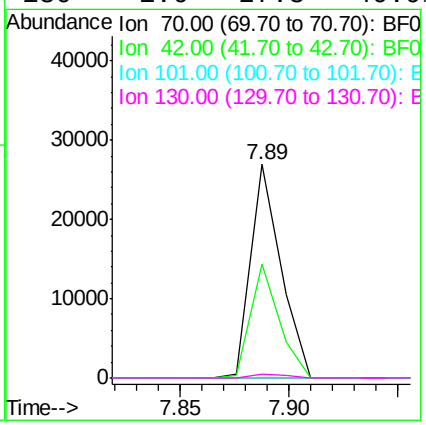


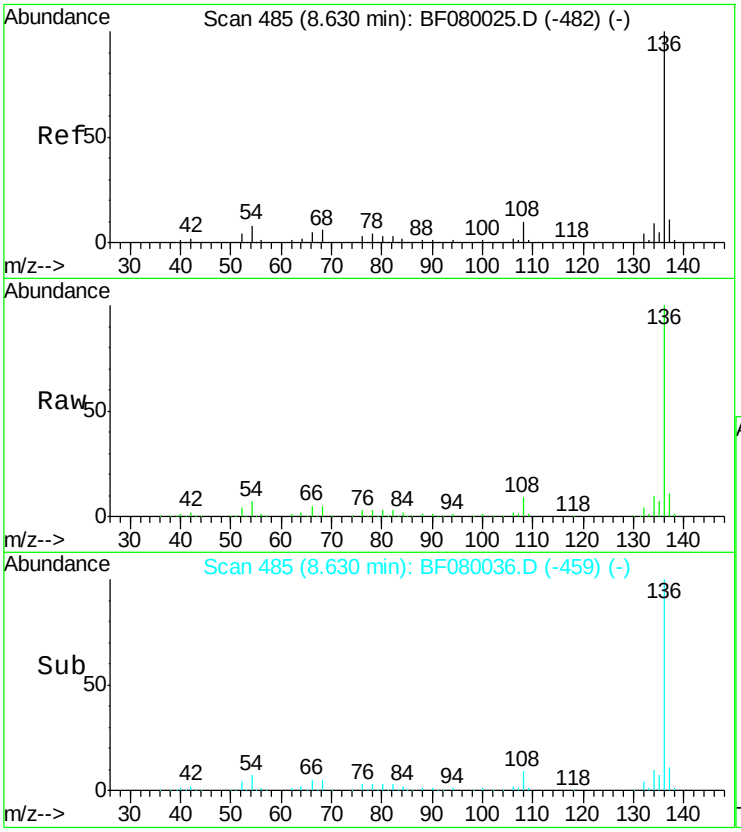


#19
n-Nitroso-di-n-propylamine
Concen: 12.09 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion: 70 Resp: 26021

Ion	Ratio	Lower	Upper
70	100		
42	53.6	63.8	95.6#
101	0.0	9.2	13.8#
130	1.6	27.3	40.9#



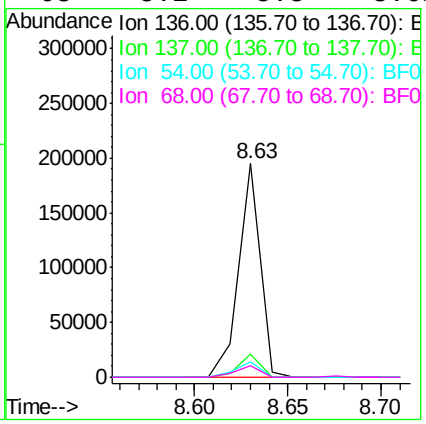


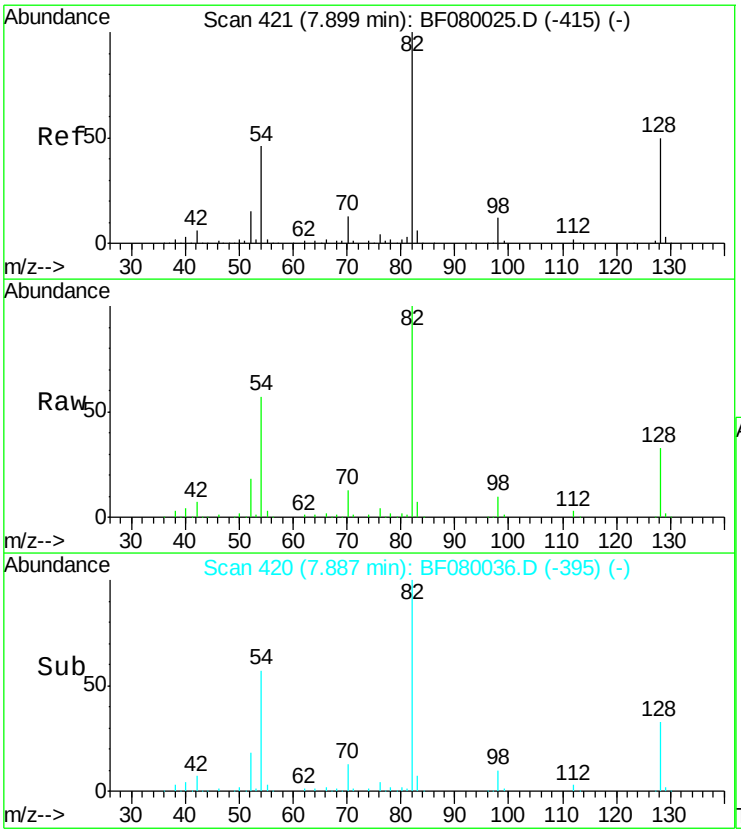
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:136 Resp: 158006

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.0	8.2	12.2#
68	5.2	5.8	8.6#

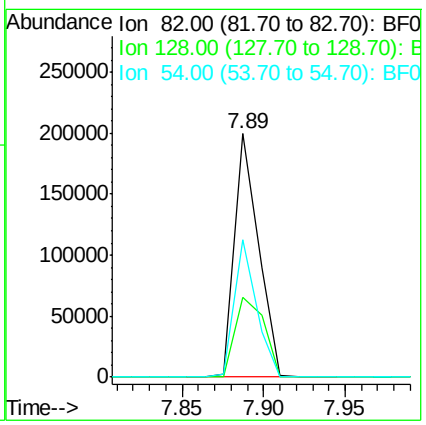


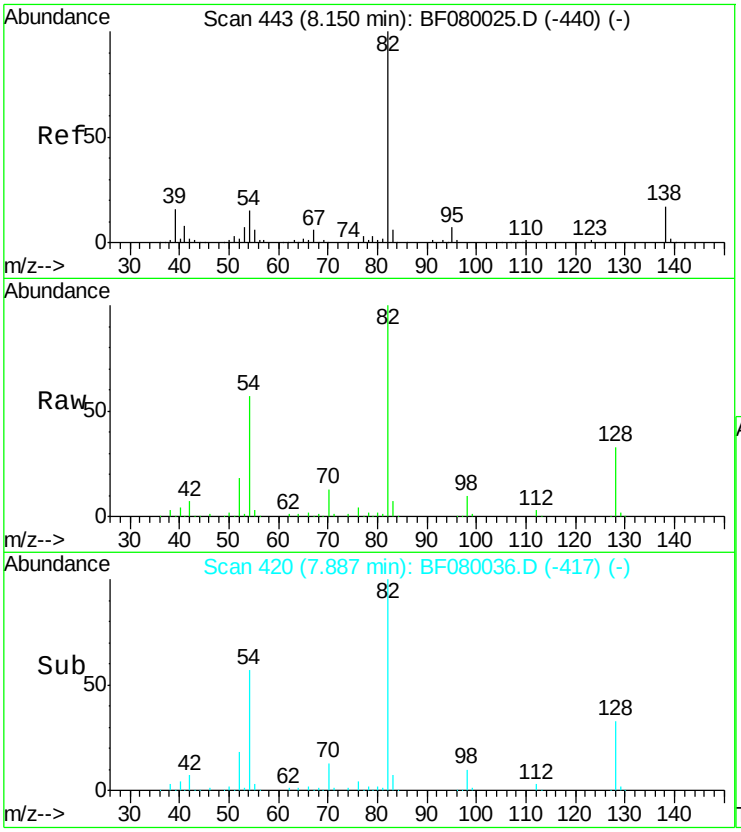


#23
Nitrobenzene-d5
Concen: 74.19 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion: 82 Resp: 201348

Ion	Ratio	Lower	Upper
82	100		
128	32.9	51.0	76.6#
54	56.7	47.5	71.3



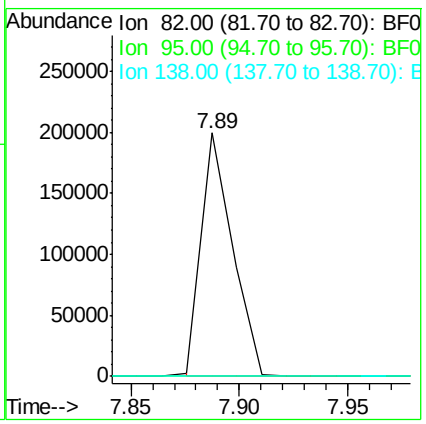


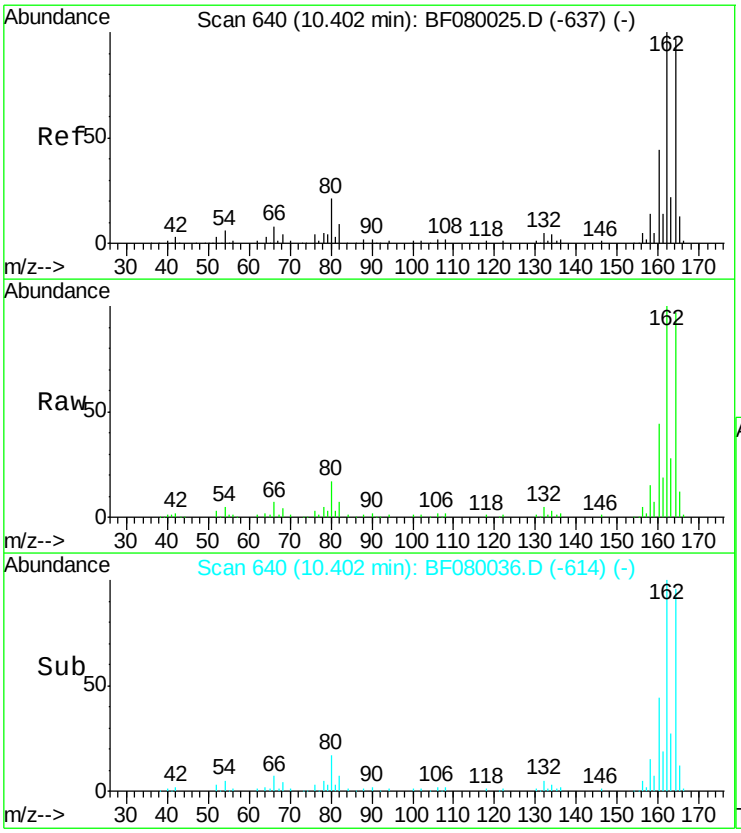
#25
Isophorone
Concen: 36.50 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.26 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion: 82 Resp: 199358

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

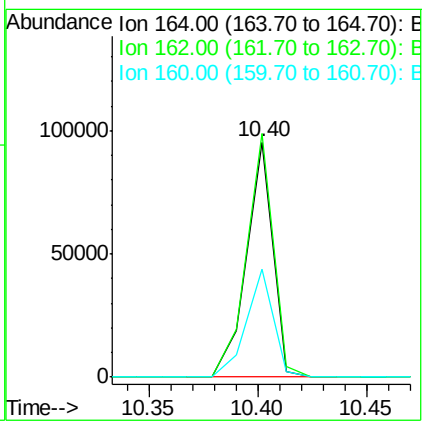


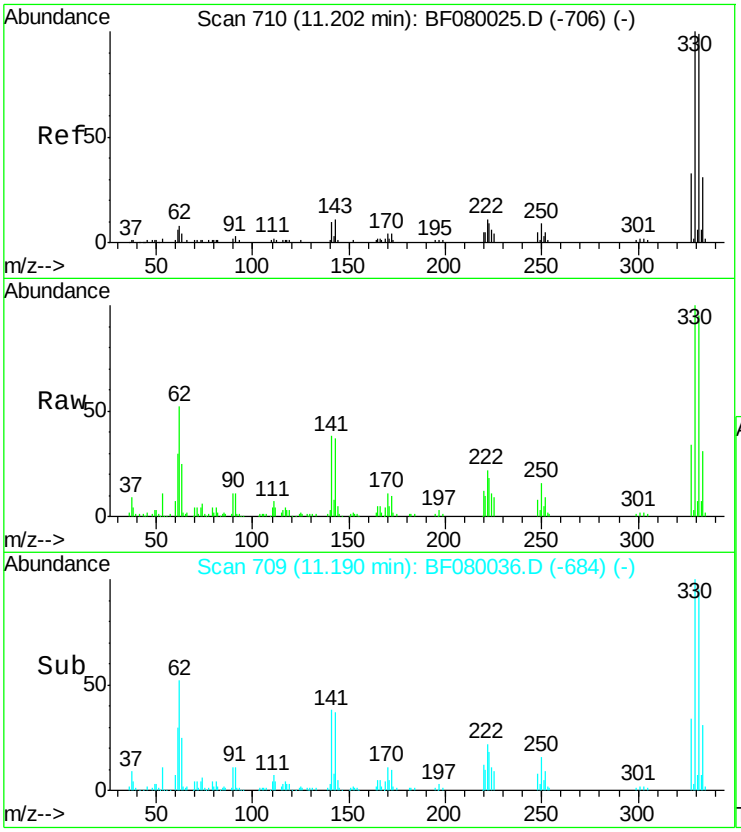


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:164 Resp: 80153

Ion	Ratio	Lower	Upper
164	100		
162	103.5	75.2	112.8
160	46.0	31.5	47.3



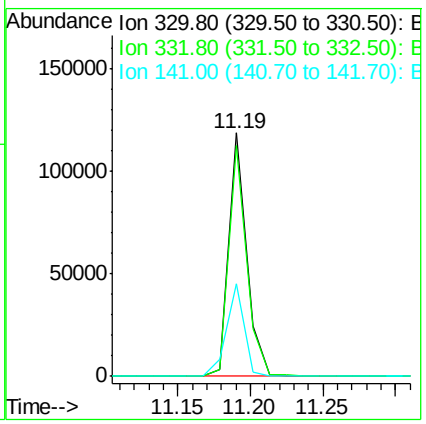


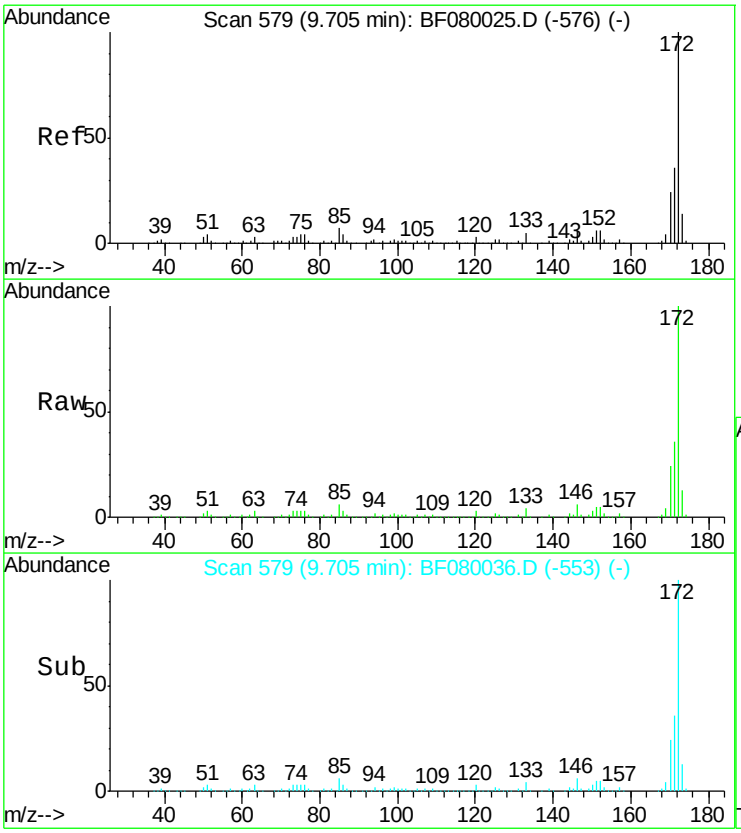
#41
2,4,6-Tribromophenol
Concen: 129.80 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:330 Resp: 101732

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	37.5	29.7	44.5

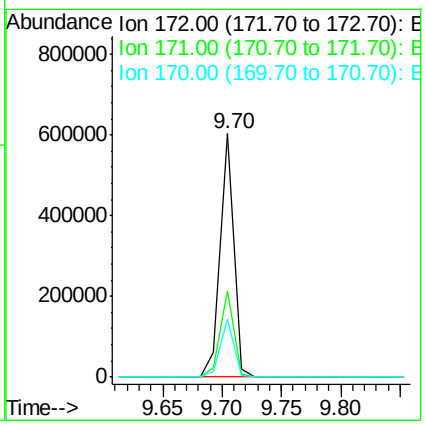


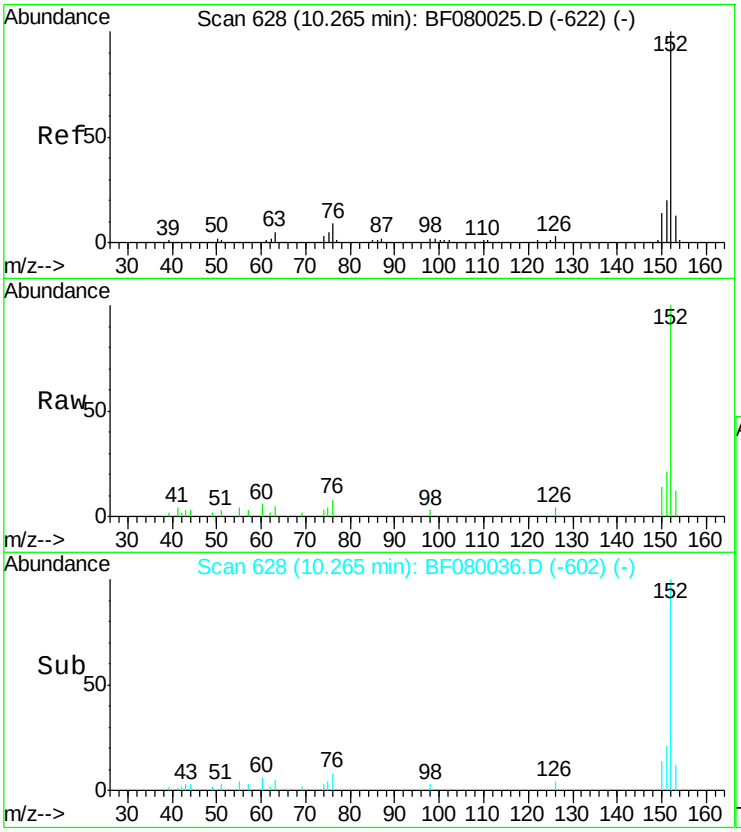


#44
2-Fluorobiphenyl
Concen: 83.67 ng
RT: 9.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:172 Resp: 470246

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.0	17.4	26.2



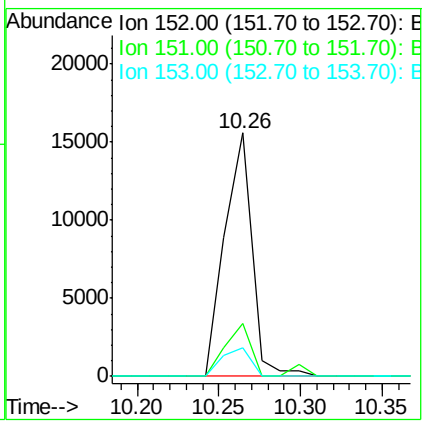


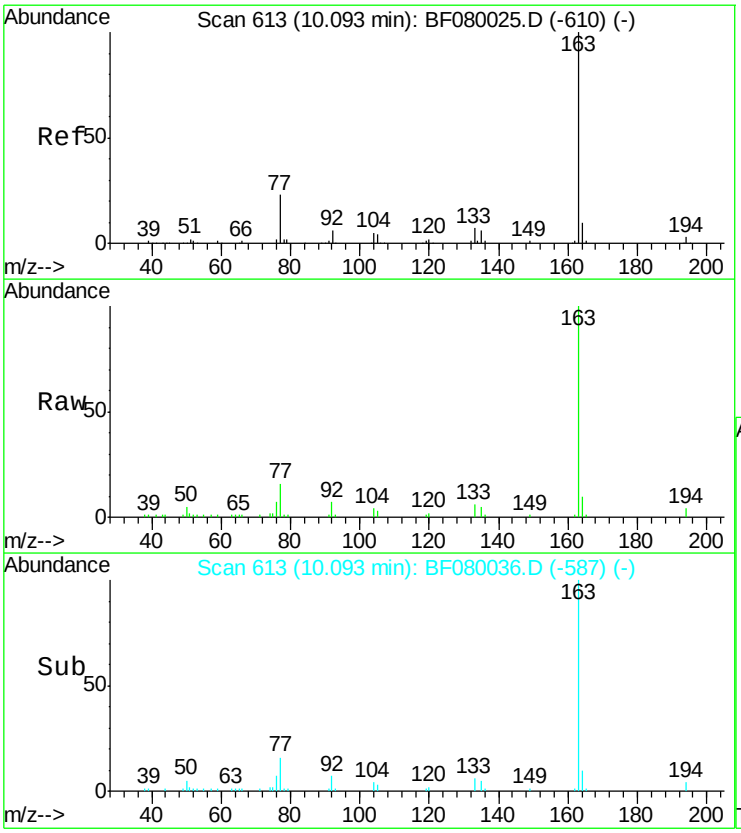
#48
Acenaphthylene
Concen: 2.03 ng
RT: 10.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:152 Resp: 17935

Ion	Ratio	Lower	Upper
152	100		
151	21.5	14.6	22.0
153	12.0	10.3	15.5

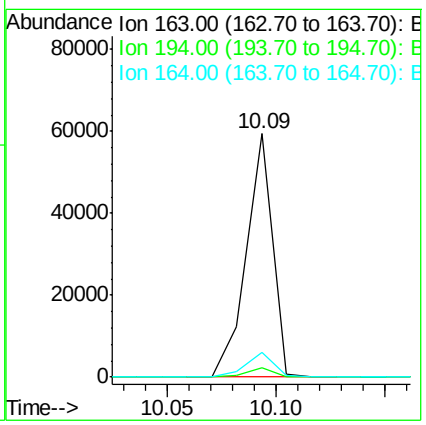


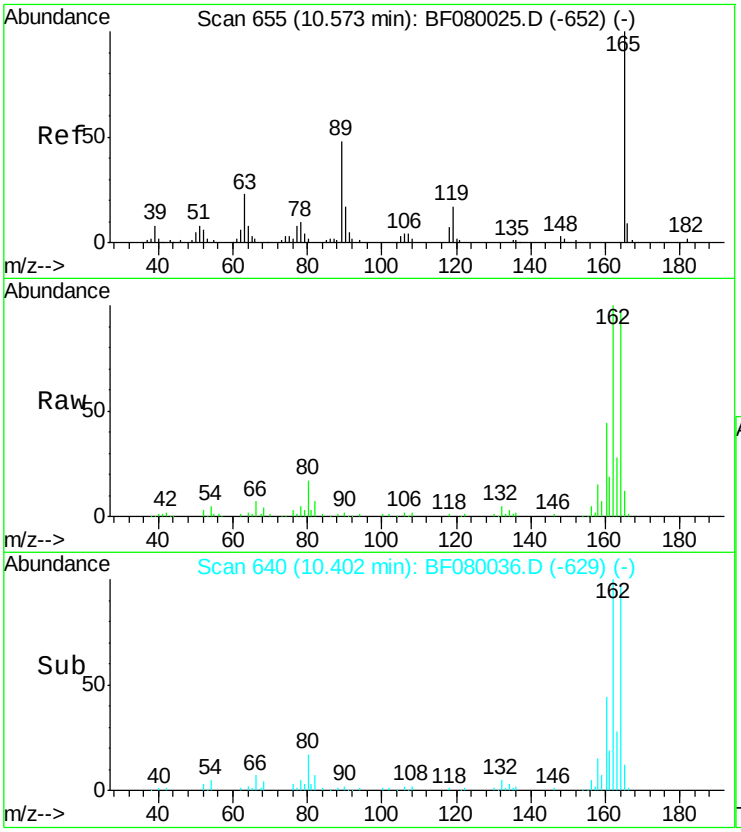


#49
Dimethylphthalate
Concen: 8.25 ng
RT: 10.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:163 Resp: 49698

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	10.2	8.3	12.5



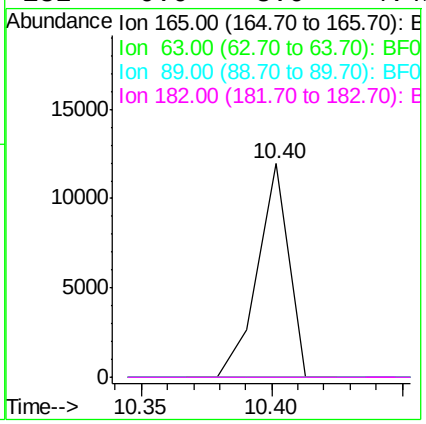


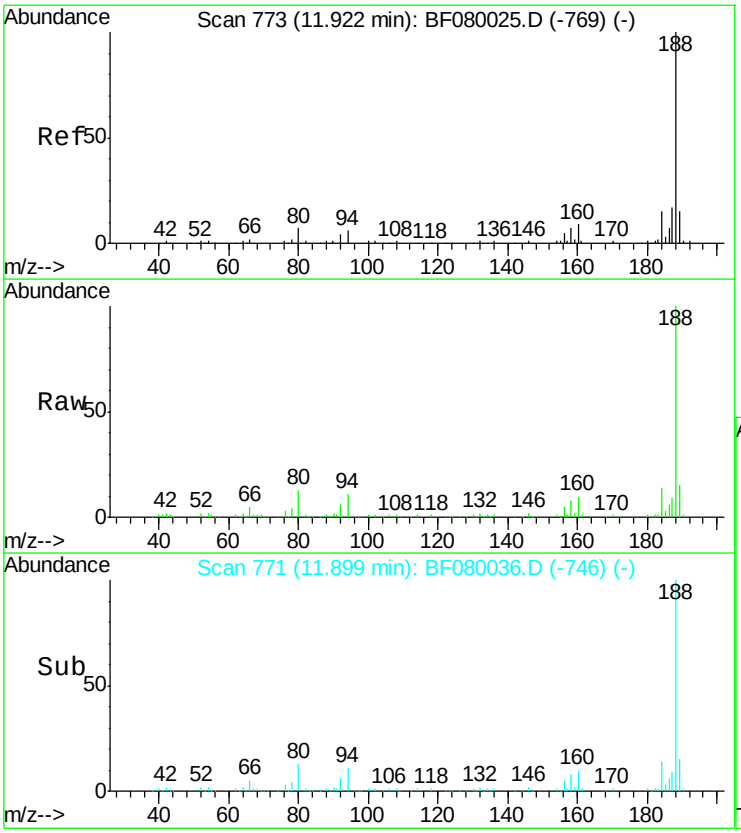
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.17 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:165 Resp: 10027

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

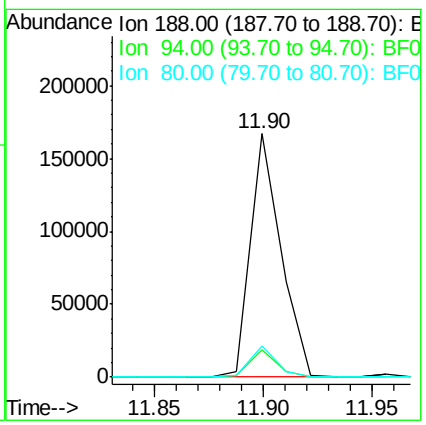


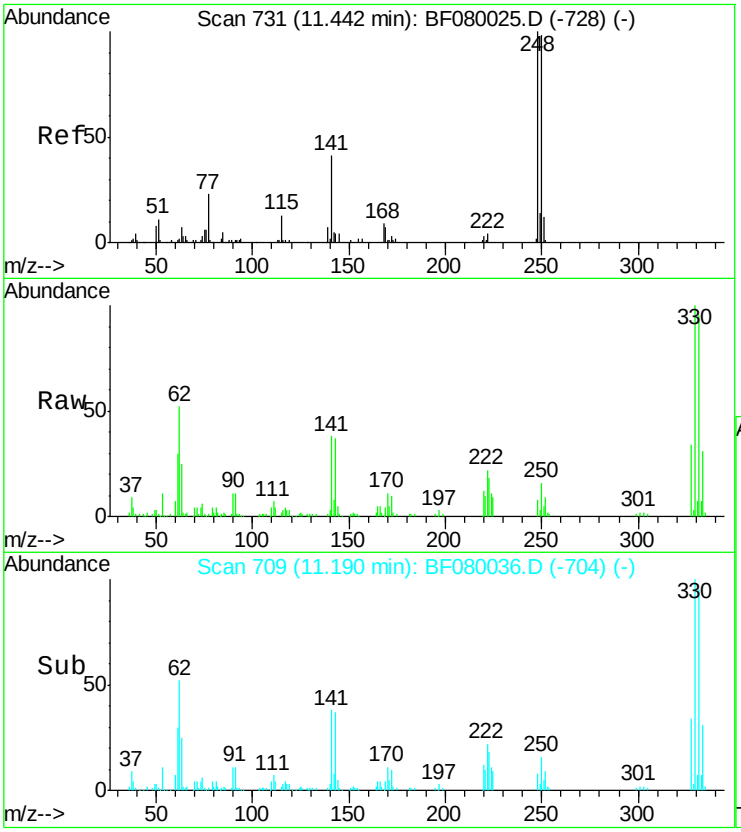


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:188 Resp: 162785

Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	12.7	11.0	16.4



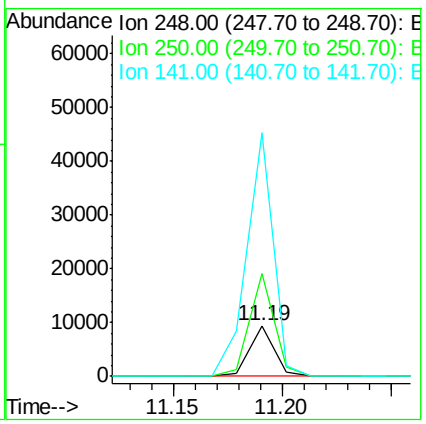


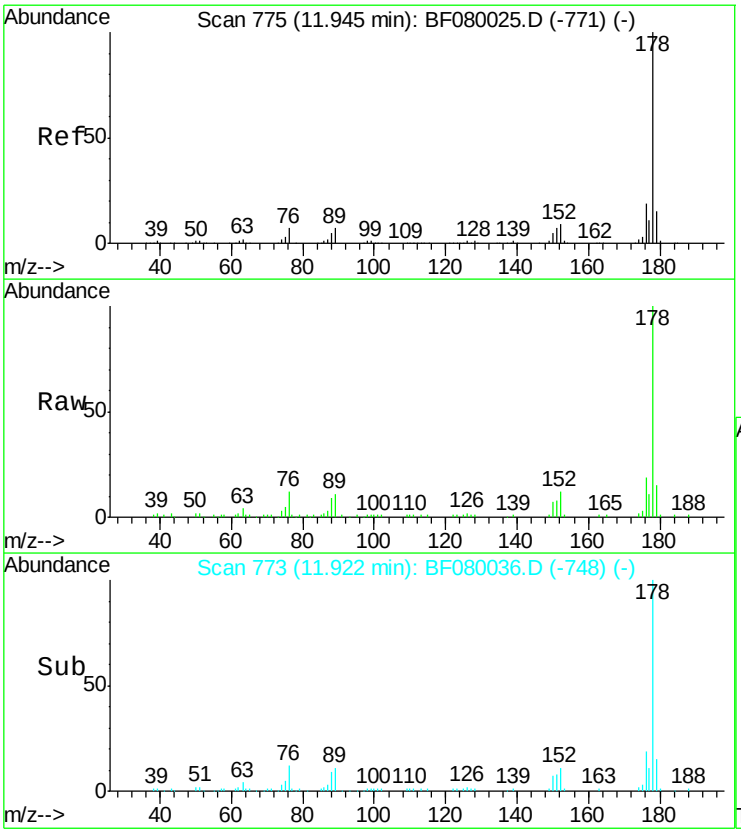
#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:248 Resp: 7390

Ion	Ratio	Lower	Upper
248	100		
250	204.5	78.5	117.7#
141	482.5	59.0	88.6#

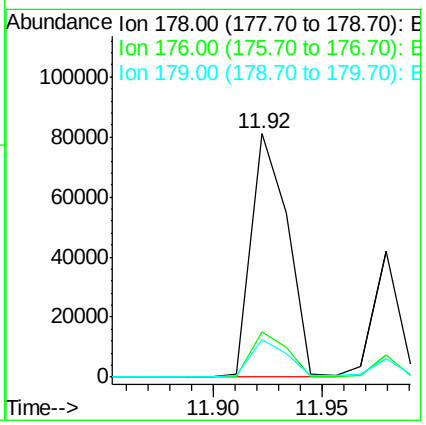


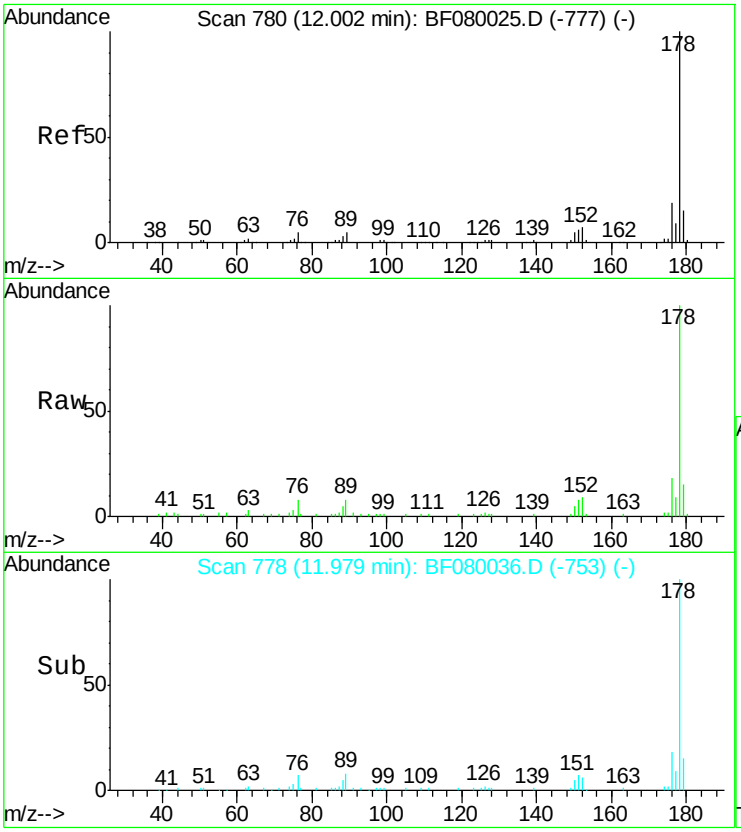


#70
Phenanthrene
Concen: 9.61 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:178 Resp: 94669

Ion	Ratio	Lower	Upper
178	100		
176	18.7	13.8	20.8
179	15.5	12.2	18.2



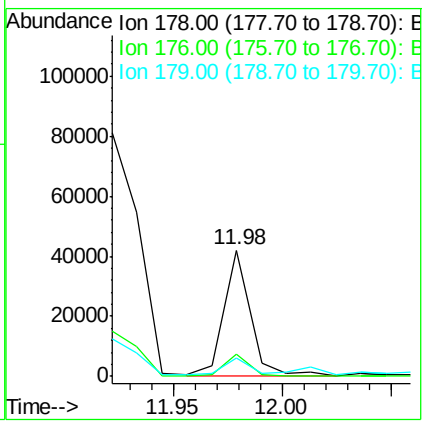


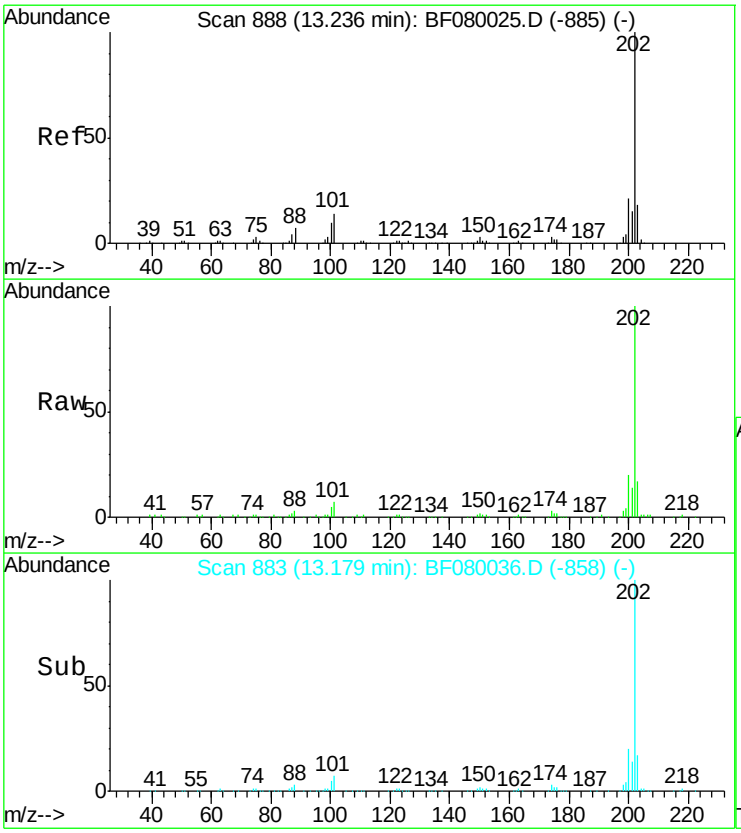
#71
Anthracene
Concen: 3.81 ng
RT: 11.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:178 Resp: 36113

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.1	21.1
179	14.8	12.2	18.2

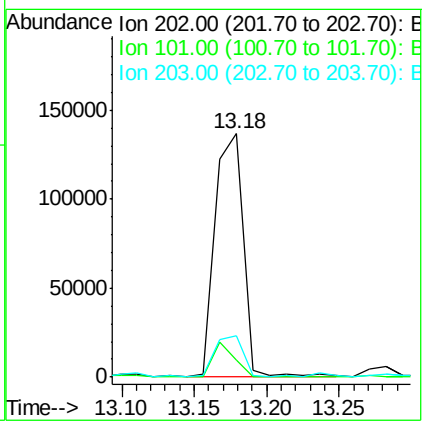


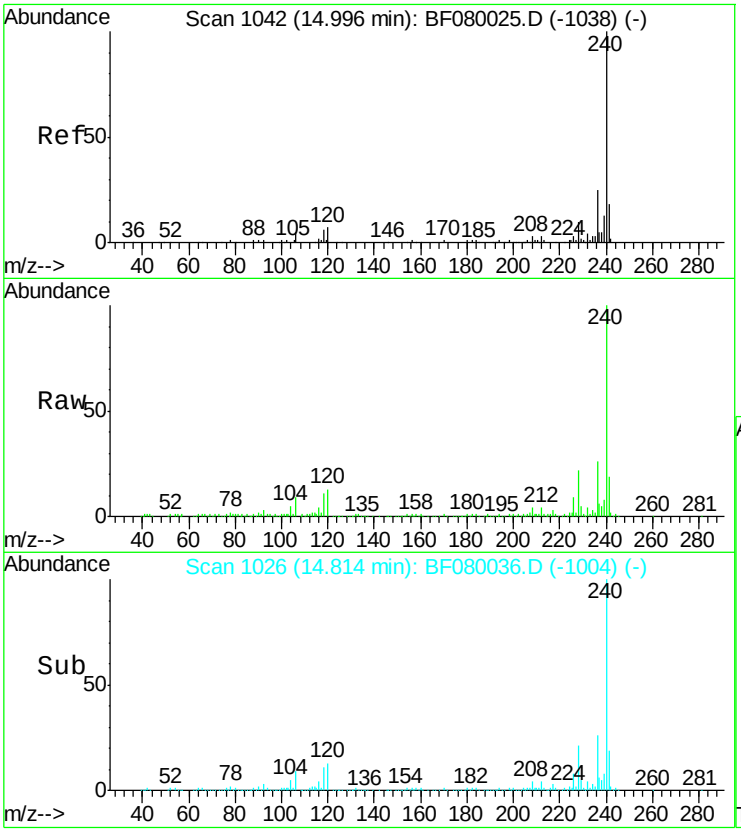


#74
Fluoranthene
Concen: 17.75 ng
RT: 13.18 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:202 Resp: 186336

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	38.3
203	17.2	0.0	37.3



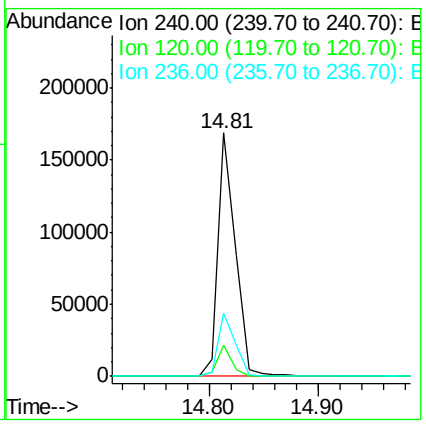


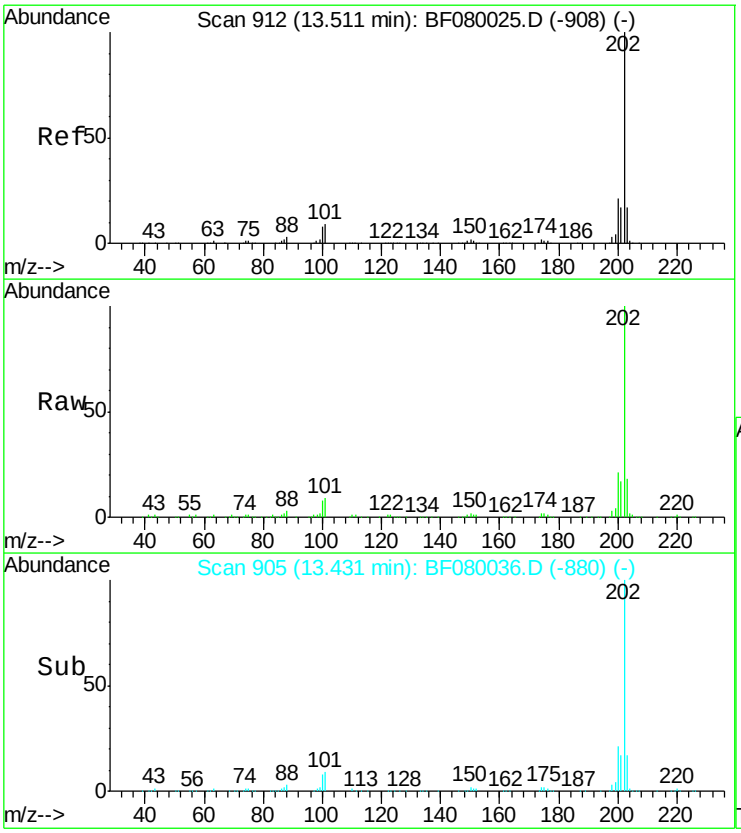
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.81 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:240 Resp: 188763

Ion	Ratio	Lower	Upper
240	100		
120	12.5	16.2	24.2#
236	26.0	18.4	27.6

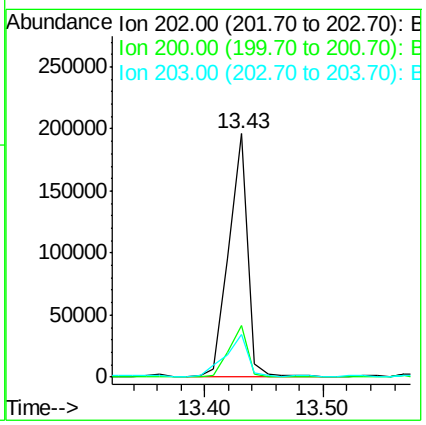


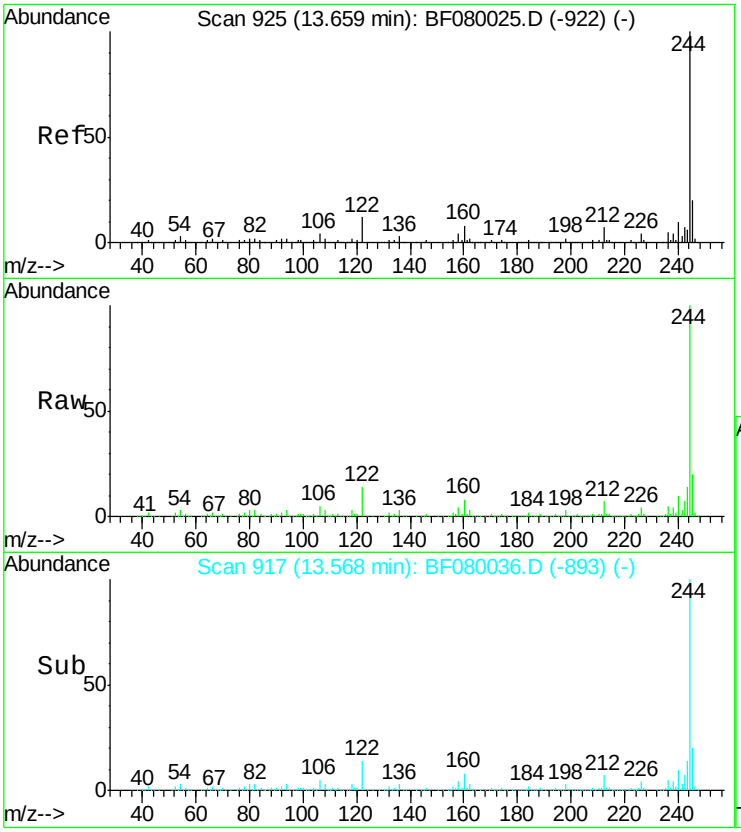


#77
Pyrene
Concen: 18.62 ng
RT: 13.43 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:202 Resp: 216357

Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.0	22.4
203	17.5	14.1	21.1



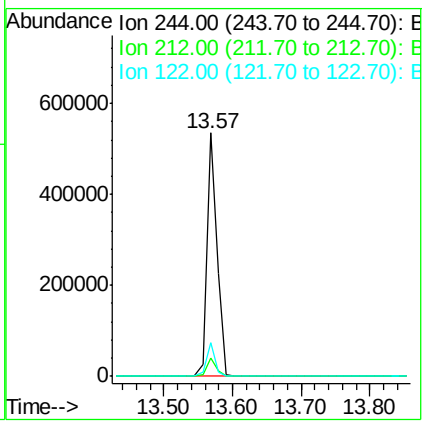


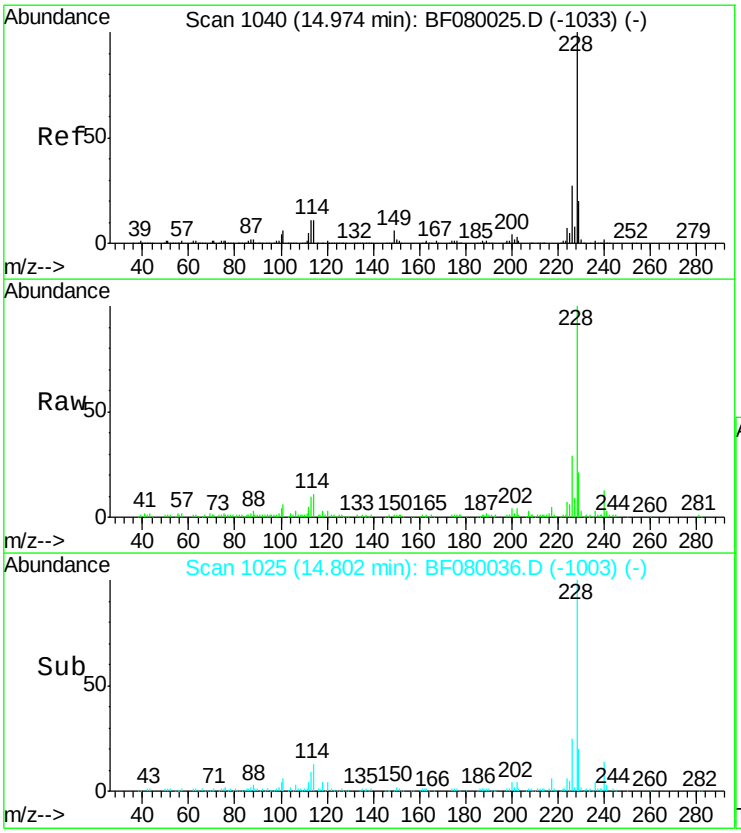
#78
Terphenyl-d14
Concen: 67.95 ng
RT: 13.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:244 Resp: 549239

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	13.9	17.4	26.2#

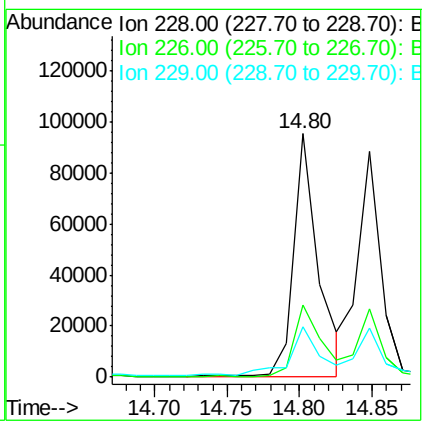


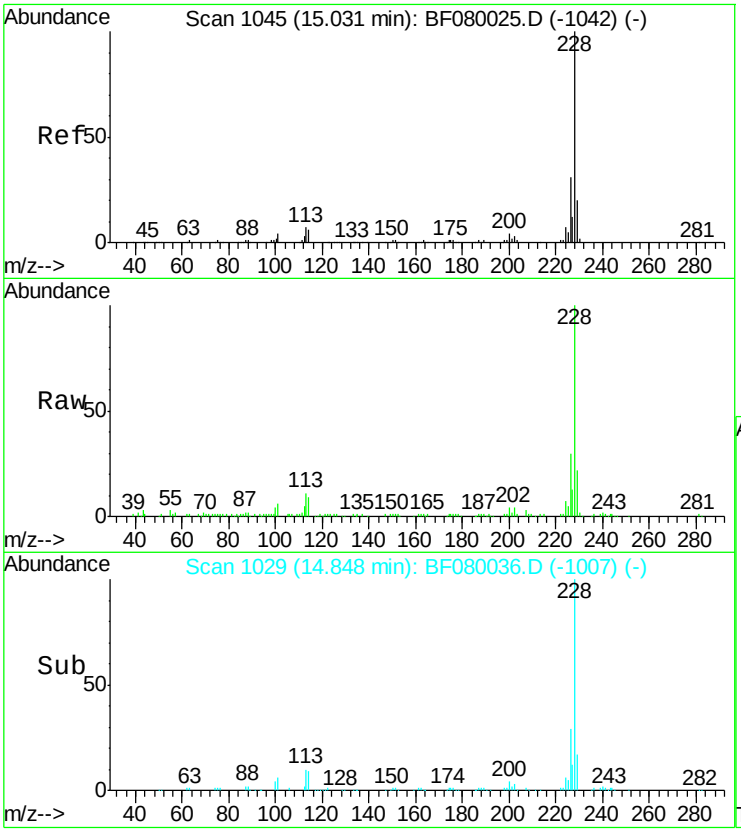


#80
Benzo(a)anthracene
Concen: 9.92 ng
RT: 14.80 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:228 Resp: 114082

Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.0	30.0
229	20.6	15.4	23.2



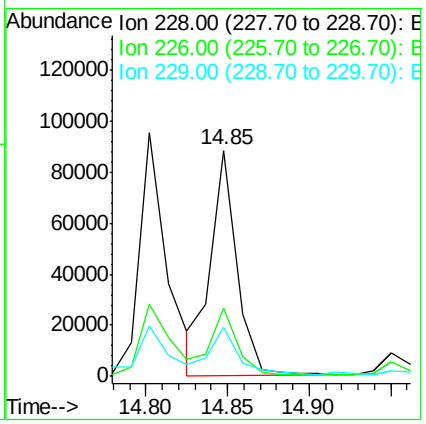


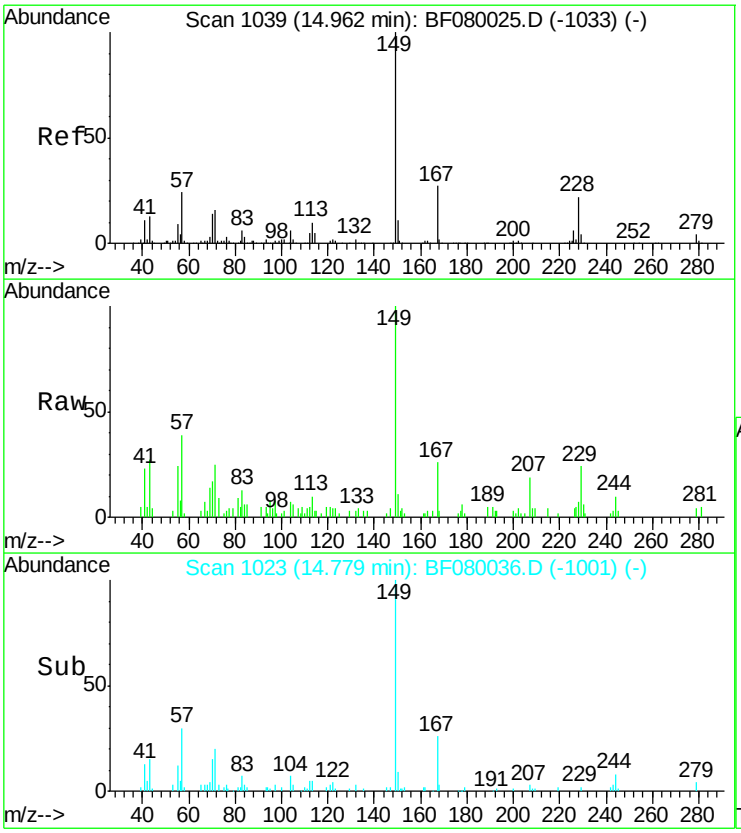
#82
Chrysene
Concen: 9.39 ng
RT: 14.85 min Scan# 1029
Delta R.T. -0.05 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:228 Resp: 99585

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.0	31.4
229	21.9	15.6	23.4

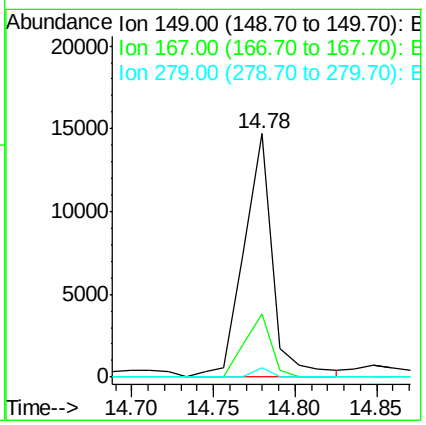


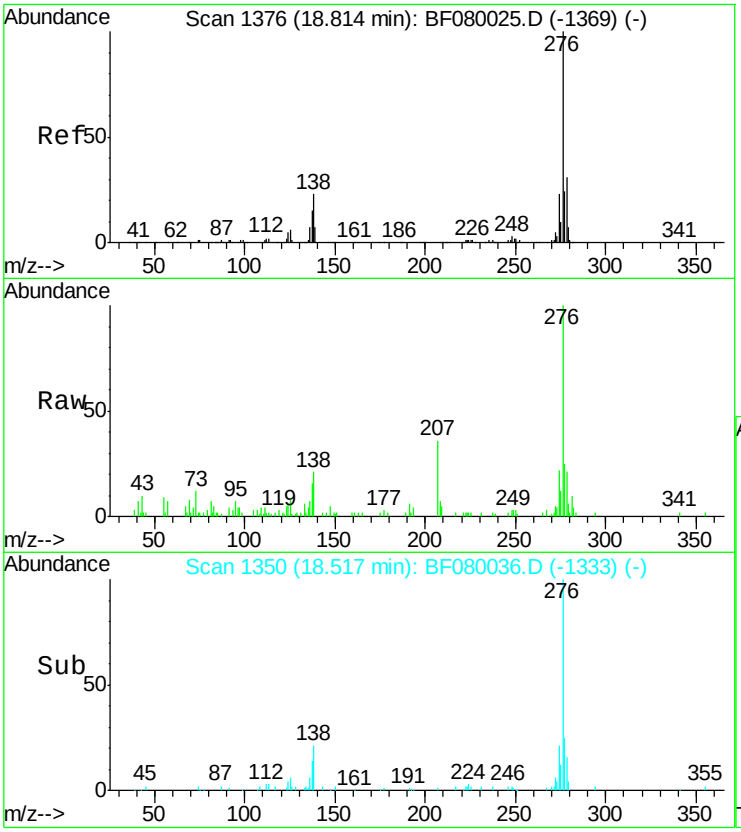


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.45 ng
RT: 14.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:149 Resp: 18107

Ion	Ratio	Lower	Upper
149	100		
167	26.0	24.2	36.2
279	3.9	3.8	5.6



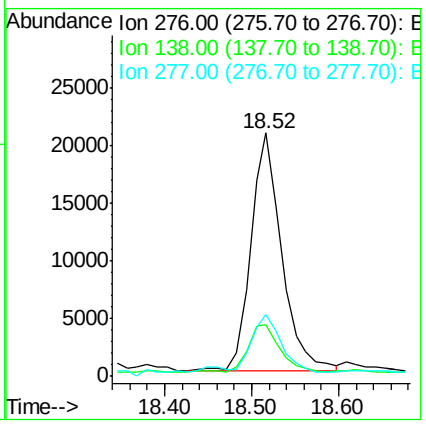


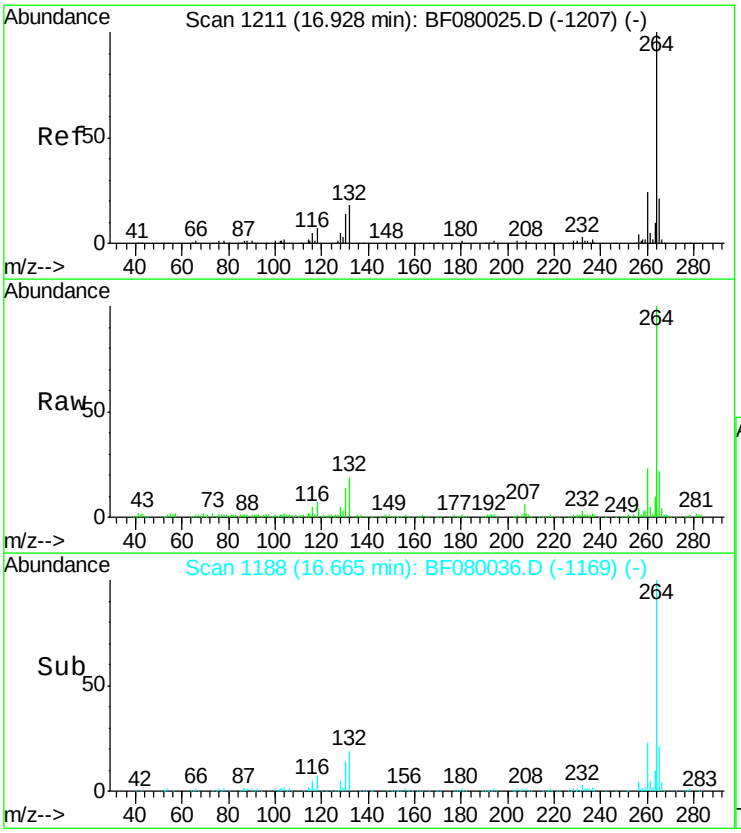
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.83 ng
RT: 18.52 min Scan# 1350
Delta R.T. -0.10 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:276 Resp: 51252

Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.7	38.5#
277	28.4	15.6	23.4#

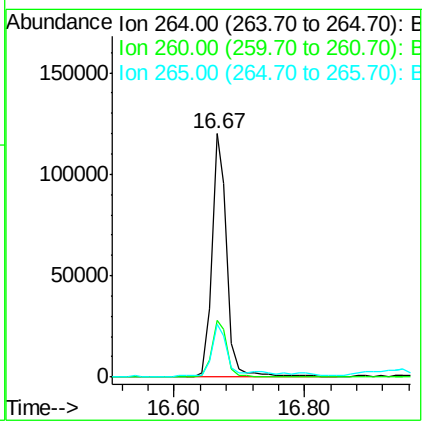


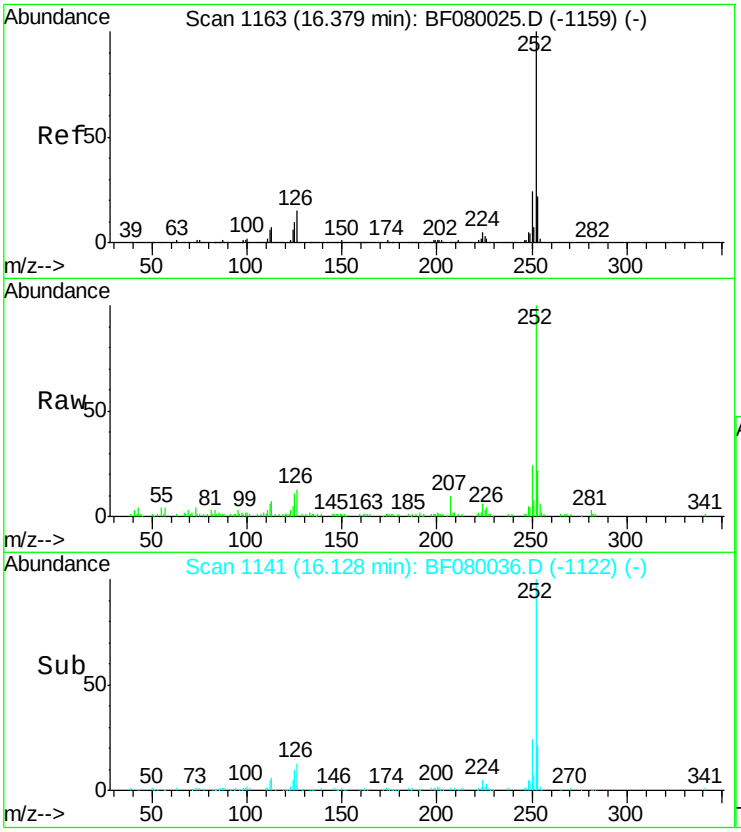


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.67 min Scan# 1188
Delta R.T. -0.08 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:264 Resp: 194972

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.8	17.2	25.8



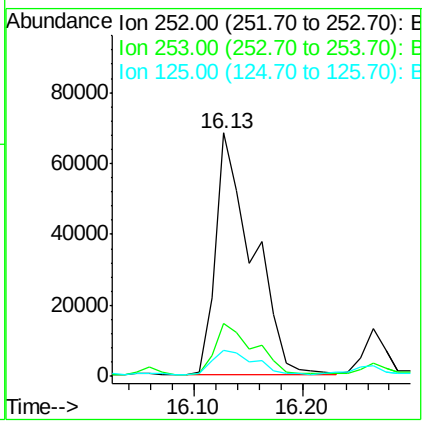


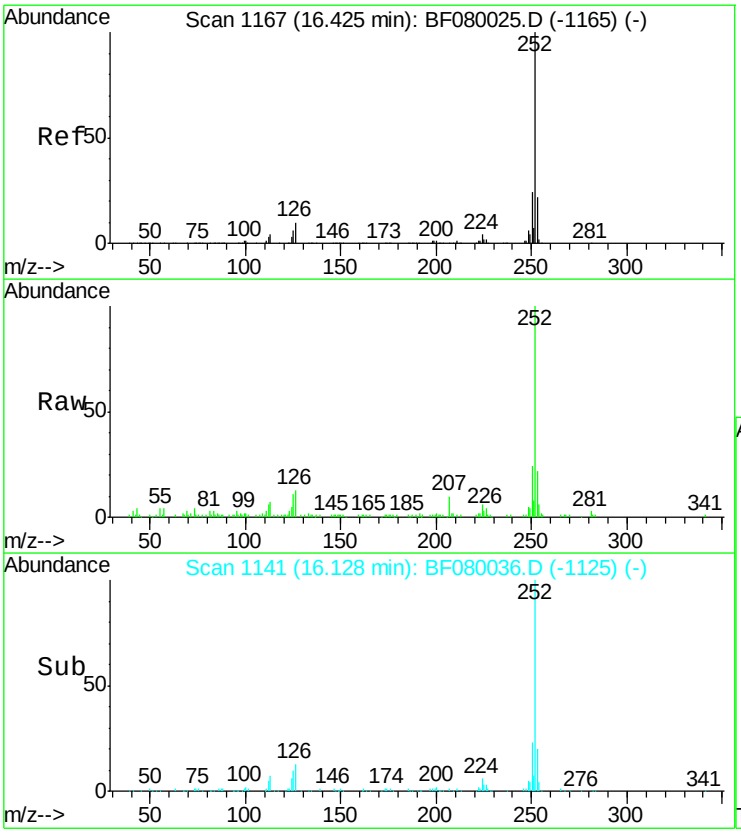
#87
Benzo(b)fluoranthene
Concen: 13.77 ng
RT: 16.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:252 Resp: 162609

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.6	17.1	25.7#

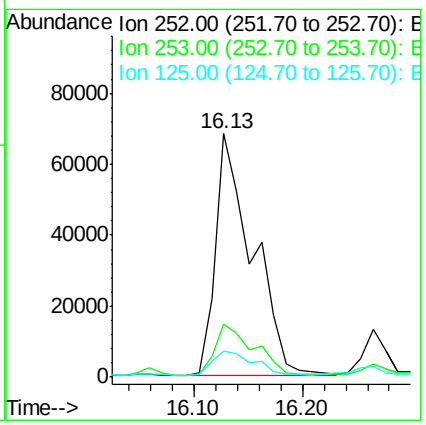


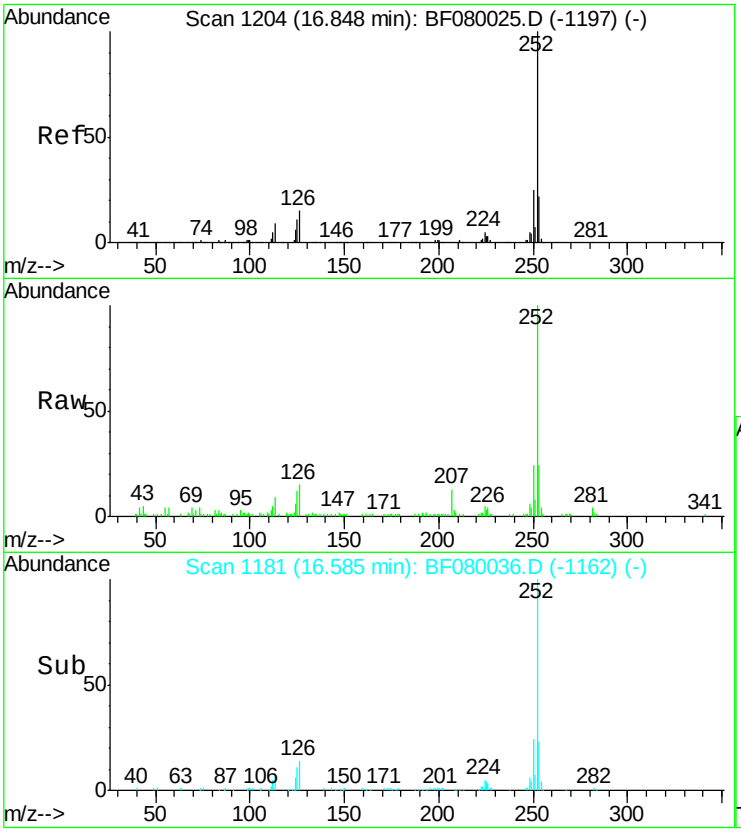


#88
Benzo(k)fluoranthene
Concen: 13.53 ng
RT: 16.13 min Scan# 1141
Delta R.T. -0.11 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:252 Resp: 162609

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	10.6	16.0	24.0#



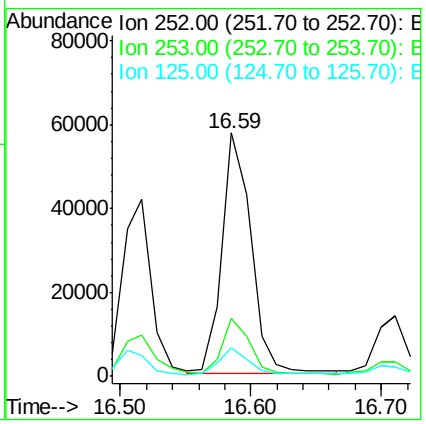


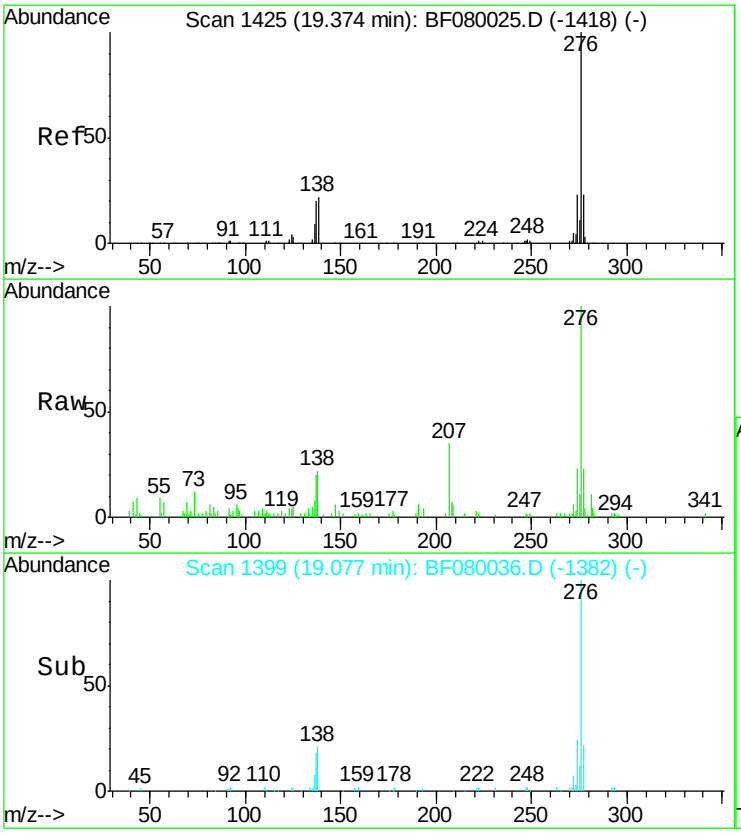
#89
Benzo(a)pyrene
Concen: 8.06 ng
RT: 16.59 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion:252 Resp: 90384

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	11.7	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.82 ng
RT: 19.08 min Scan# 1399
Delta R.T. -0.10 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion:276 Resp: 55900

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	22.5	34.6	51.8#