Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087987.D
Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
Sample : H3395-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-980-PLATFORM(0-4)

Quant Time: Jun 13 17:50:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102145	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	432047	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	197955	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	331059	20.00	ng		0.00
75) Chrysene-d12	13.95	240	243779	20.00	ng		0.00
86) Perylene-d12	15.36	264	217110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	632479	105.85	ng		0.00
7) Phenol-d6	6.43	99	777560	107.38	ng		0.00
23) Nitrobenzene-d5	7.36	82	480725	64.97	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	185248	88.63	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	885046	69.21	ng		0.00
78) Terphenyl-d14	12.90	244	597292	55.75	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	9.69	152	45094	2.21	ng		98
49) Dimethylphthalate	9.55	163	94175	6.57	ng		100
70) Phenanthrene	11.34	178	46911	2.70	ng		99
74) Fluoranthene	12.53	202	259606	14.16	ng		98
77) Pyrene	12.75	202	247719	13.69	ng		98
80) Benzo(a)anthracene	13.94	228	153815	11.07	ng	#	90
82) Chrysene	13.98	228	124995m	9.56	ng		
85) Indeno(1,2,3-cd)pyrene	16.71	276	63583	5.24	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	197354m	13.04	ng		
88) Benzo(k)fluoranthene	14.97	252	83757m	7.34	ng		
89) Benzo(a)pyrene	15.30	252	109855	8.97	ng		97
91) Benzo(g,h,i)perylene	17.12	276	54621	4.67	ng		100

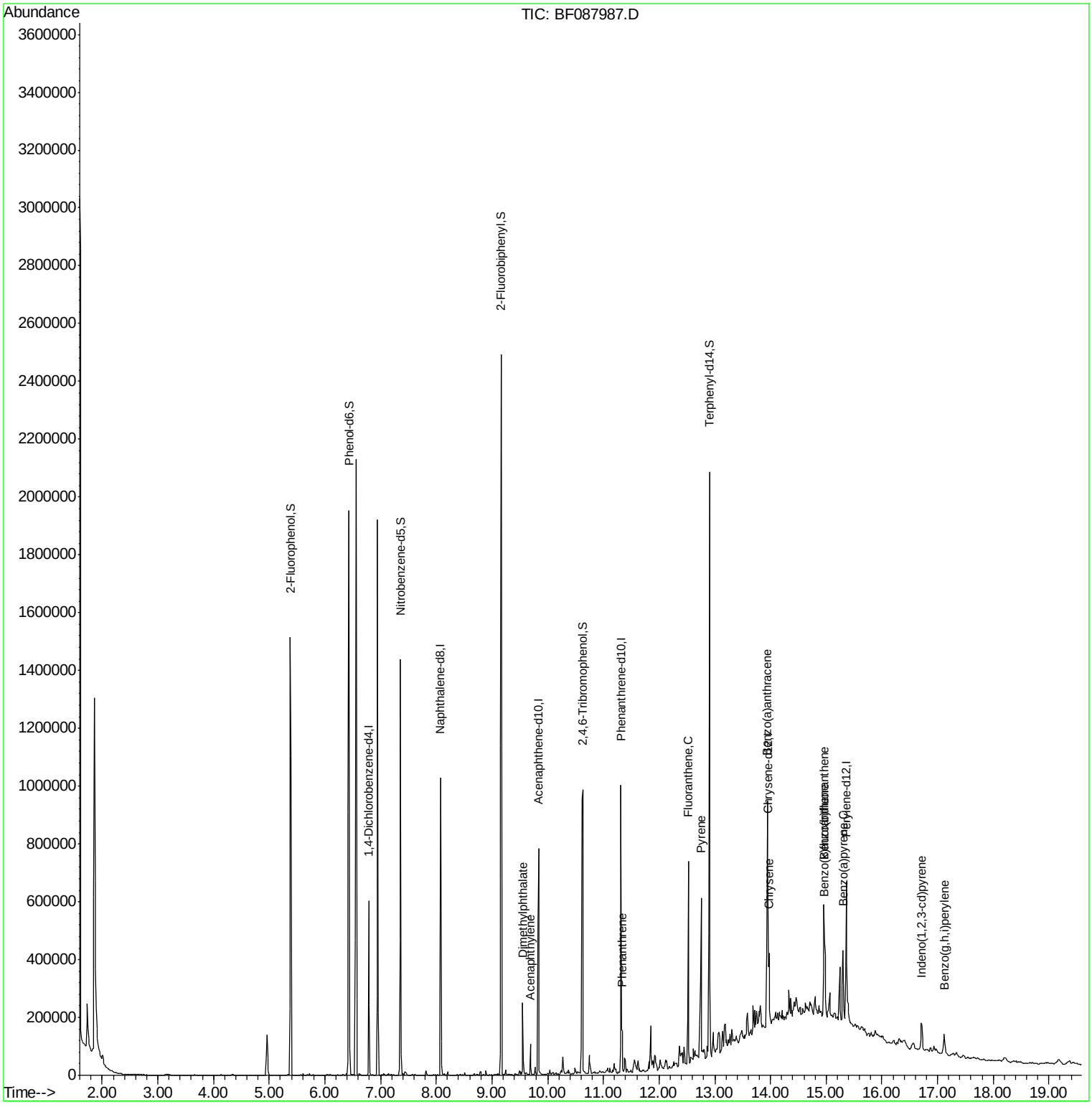
(#) = qualifier out of range (m) = manual integration (+) = signals summed

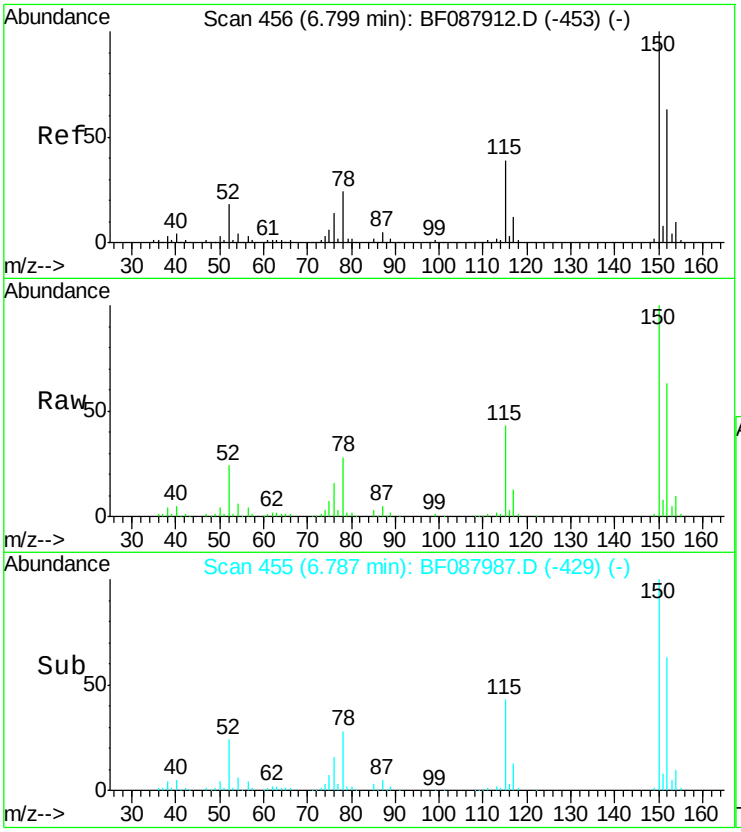
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087987.D
Acq On : 13 Jun 2016 17:10
Operator : UM/SJ
Sample : H3395-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Quant Time: Jun 13 17:50:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration



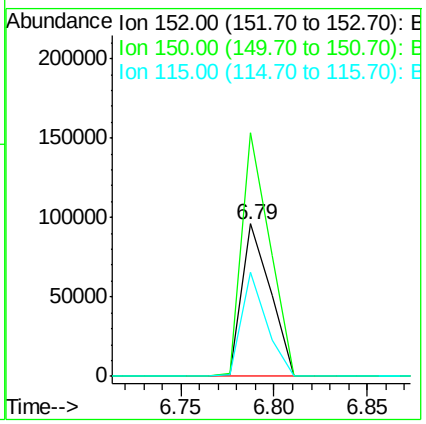


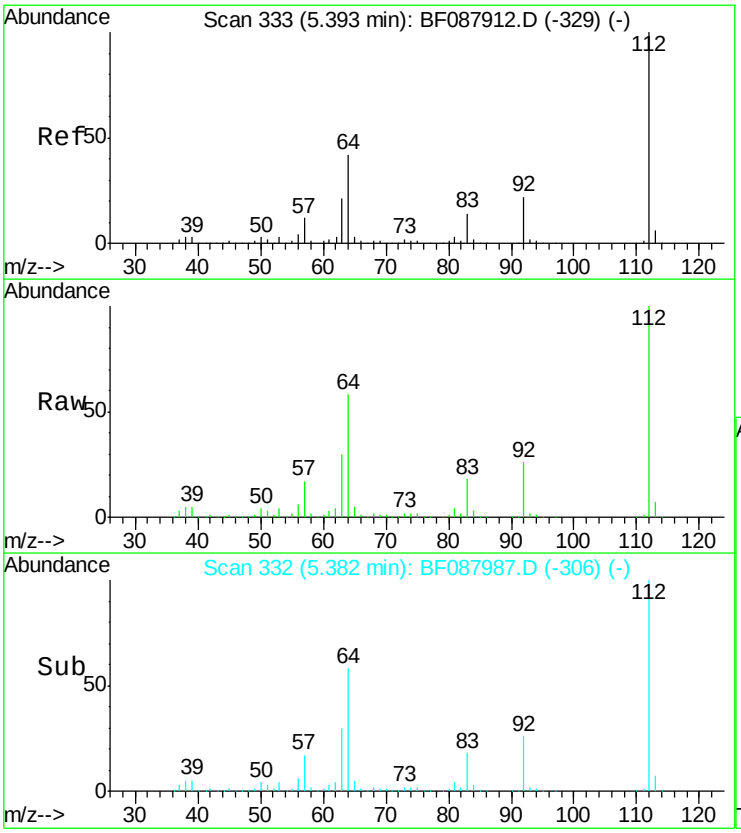
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:152 Resp: 102145

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	68.4	39.6	59.4#

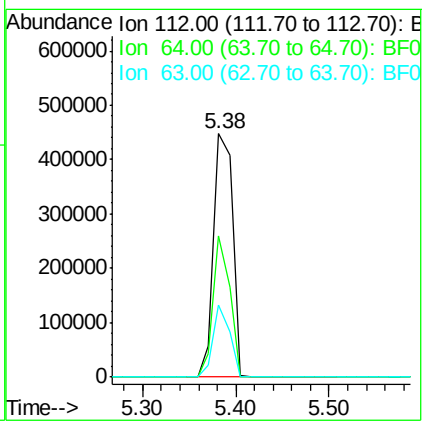


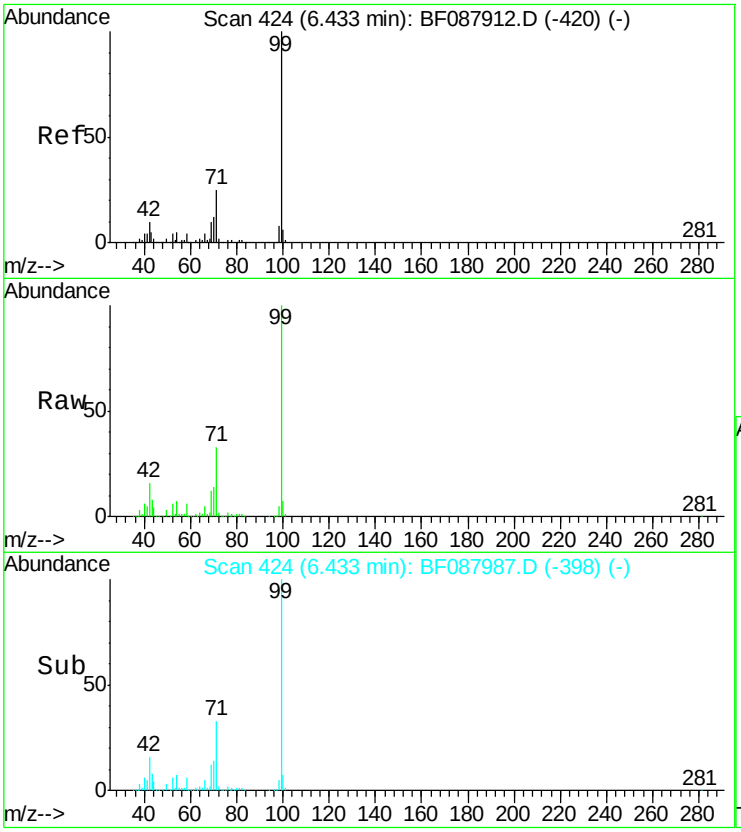


#5
2-Fluorophenol
Concen: 105.85 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:112 Resp: 632479

Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	29.7	21.8	32.8



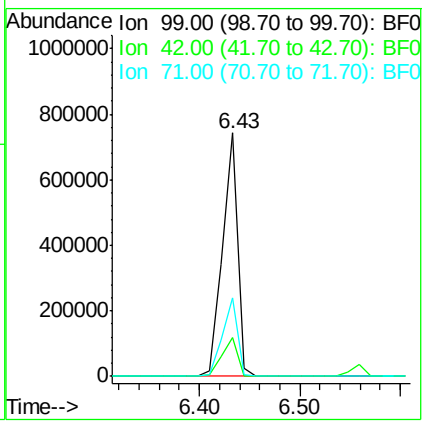


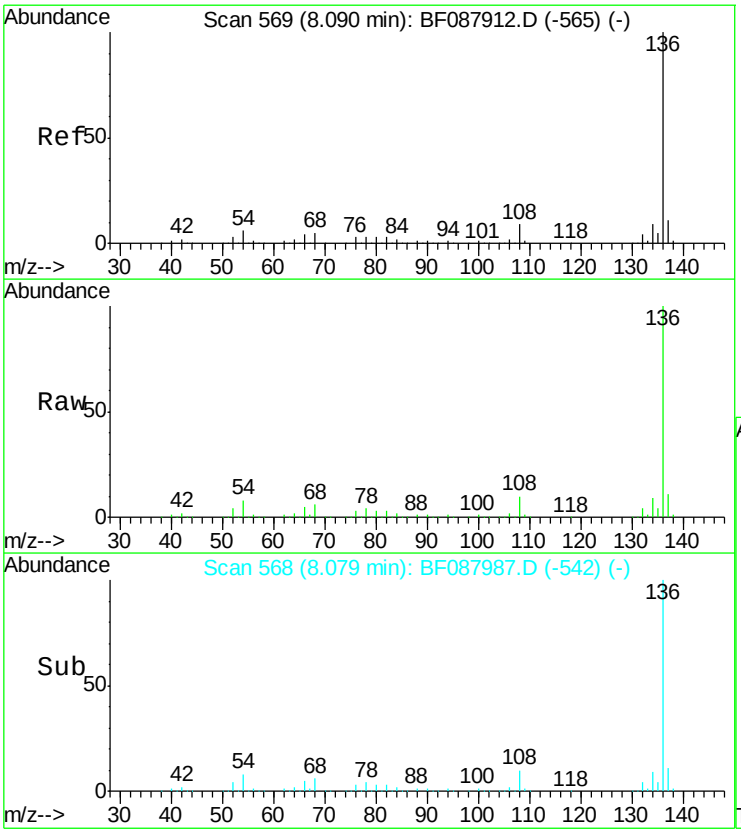
#7
Phenol-d6
Concen: 107.38 ng
RT: 6.43 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion: 99 Resp: 777560

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.2	18.2
71	32.5	23.4	35.0

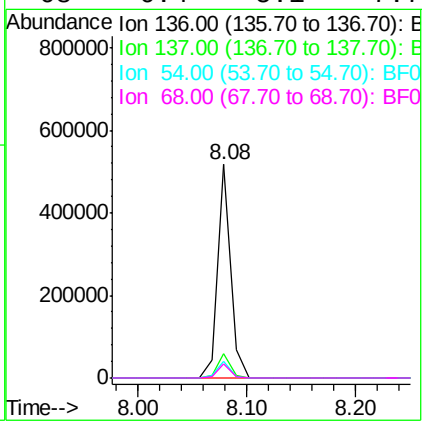


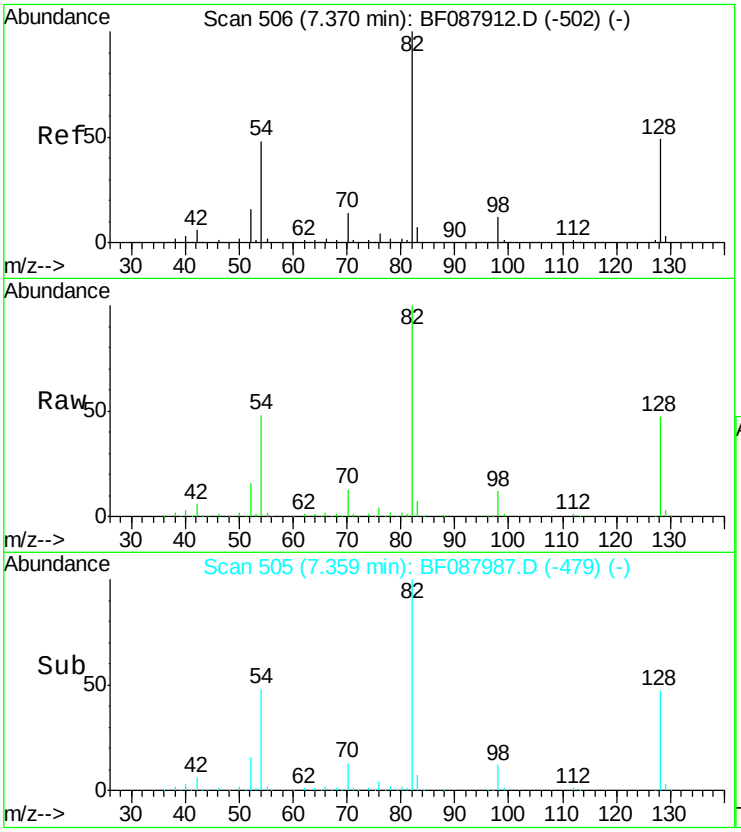


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:136 Resp: 432047

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.7	6.6	10.0
68	6.4	5.1	7.7



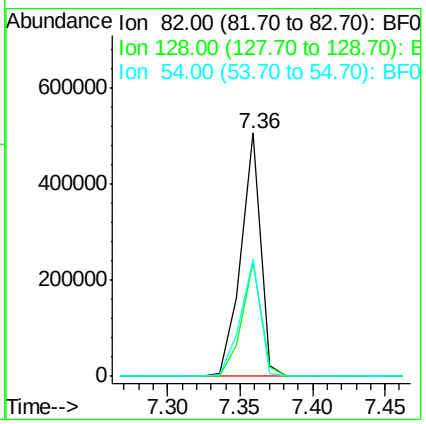


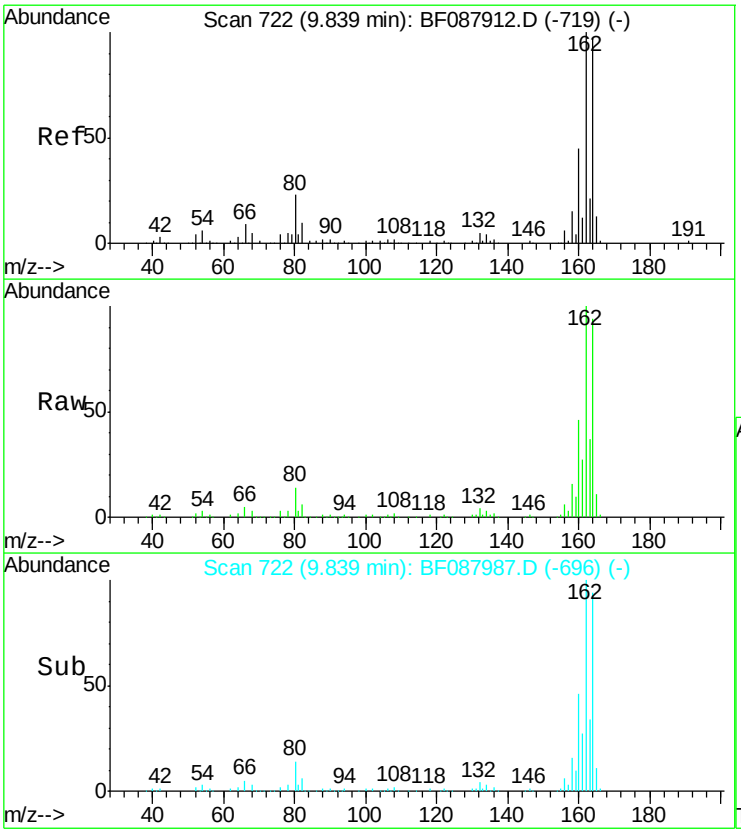
#23
Nitrobenzene-d5
Concen: 64.97 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion: 82 Resp: 480725

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.9	53.9
54	47.8	40.9	61.3

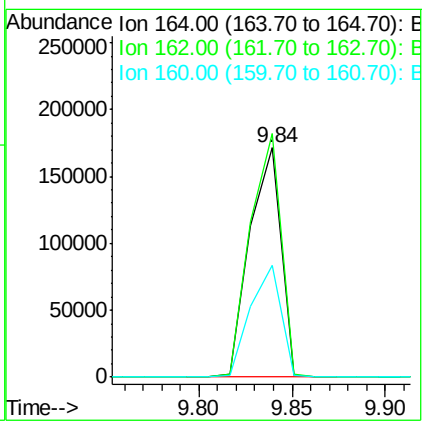


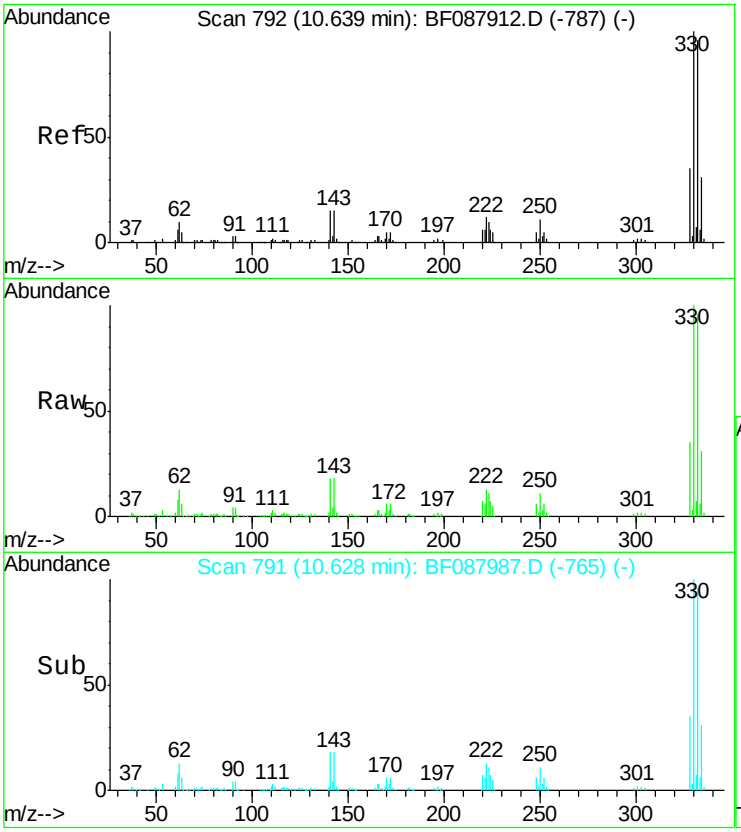


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:164 Resp: 197955

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	49.0	39.5	59.3



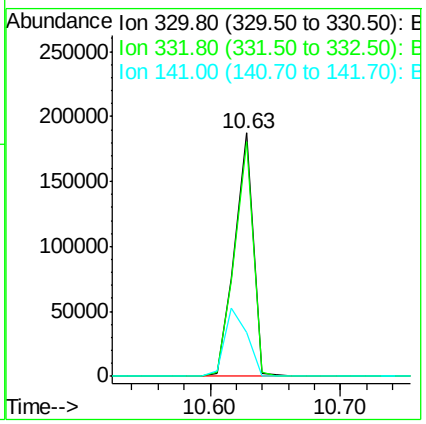


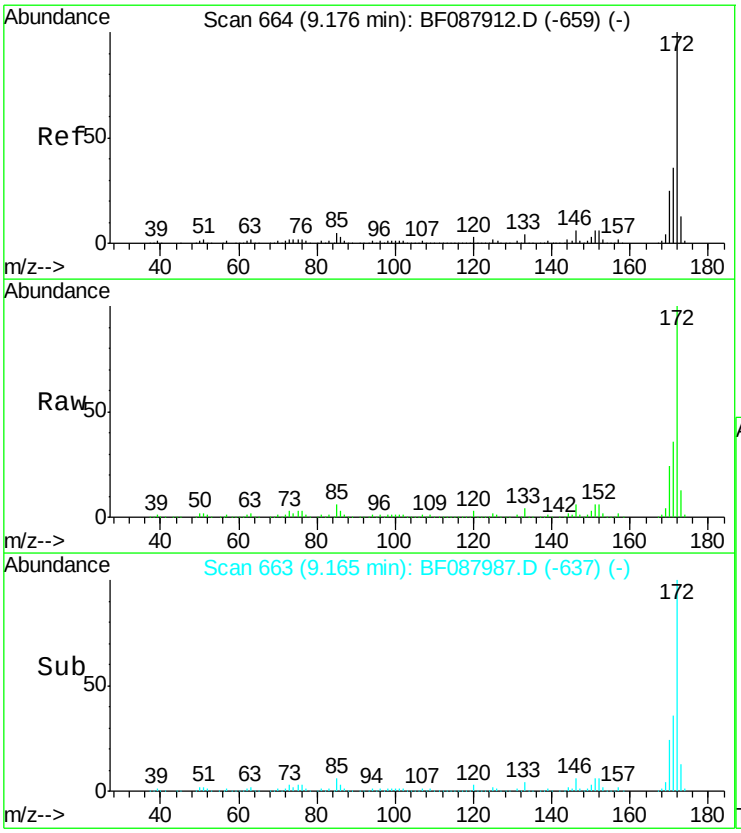
#41
2,4,6-Tribromophenol
Concen: 88.63 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:330 Resp: 185248

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	34.2	0.0	0.0#

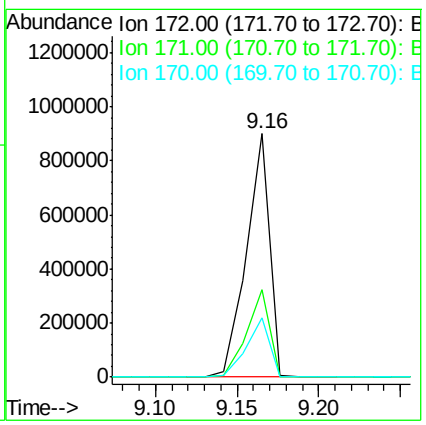


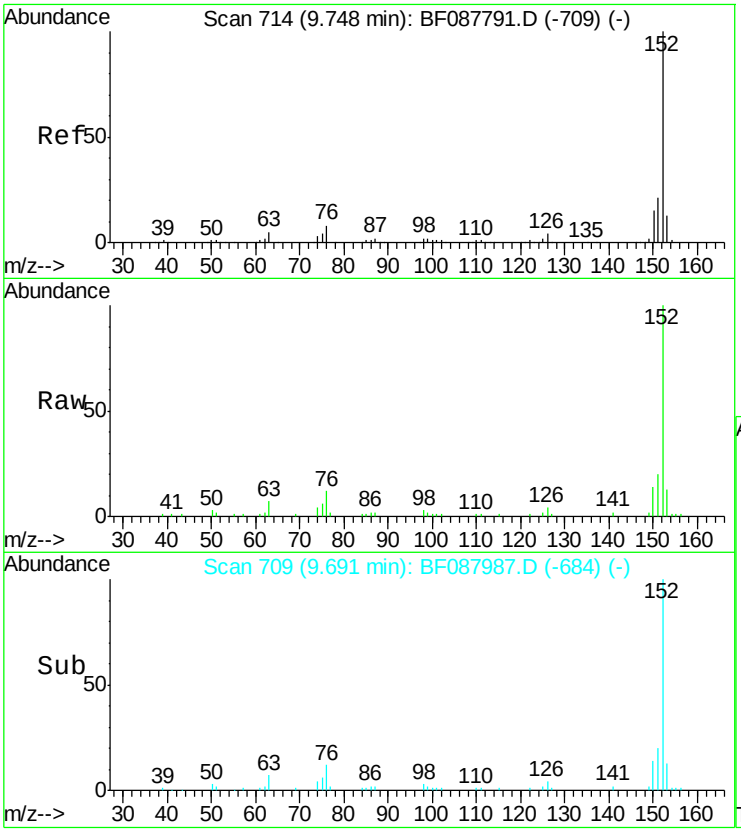


#44
2-Fluorobiphenyl
Concen: 69.21 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:172 Resp: 885046

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.2	28.8



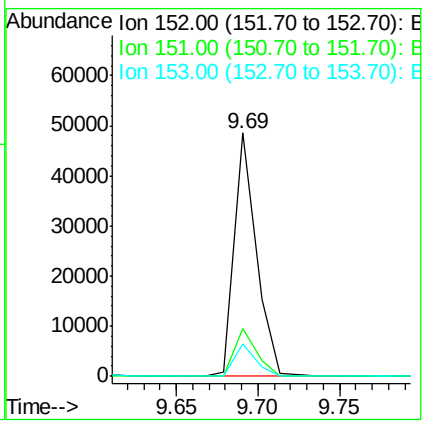


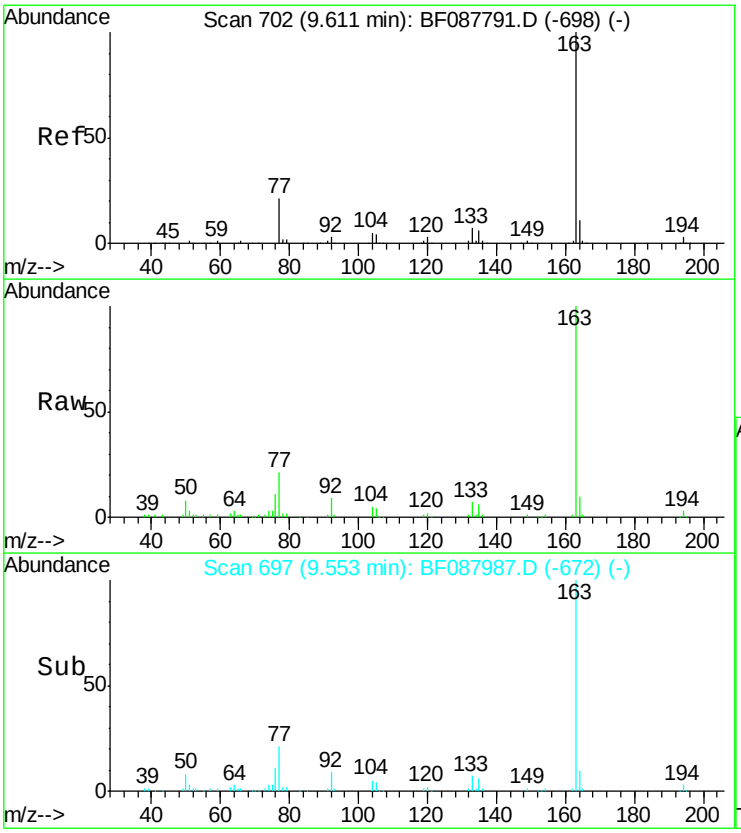
#48
Acenaphthylene
Concen: 2.21 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:152 Resp: 45094

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.2	11.0	16.6

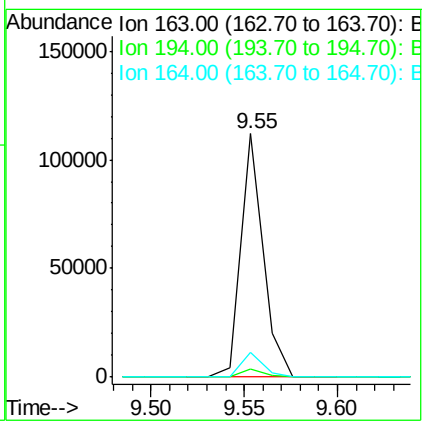


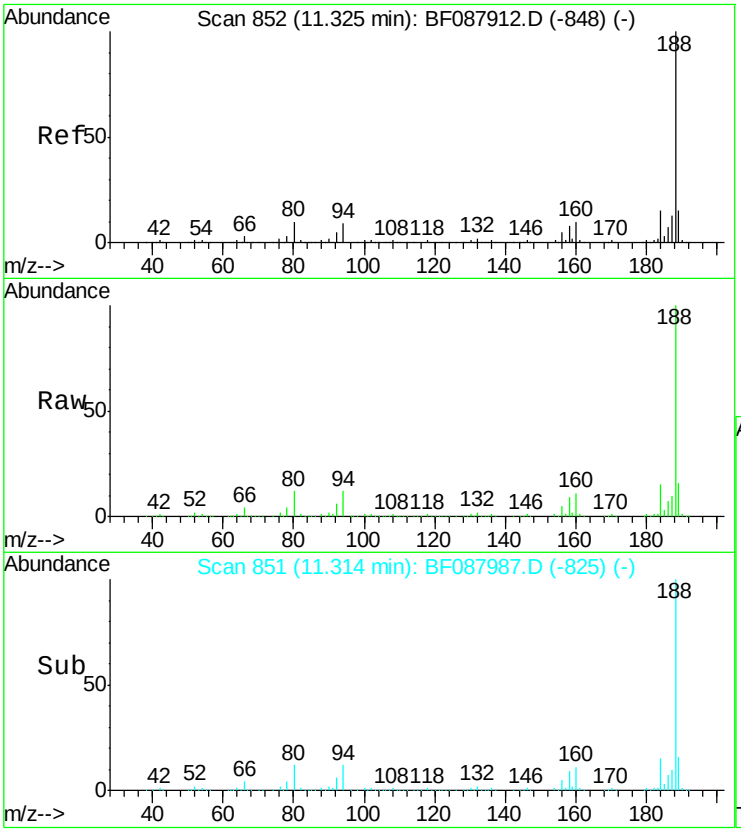


#49
Dimethylphthalate
Concen: 6.57 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:163 Resp: 94175

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.3	8.3	12.5



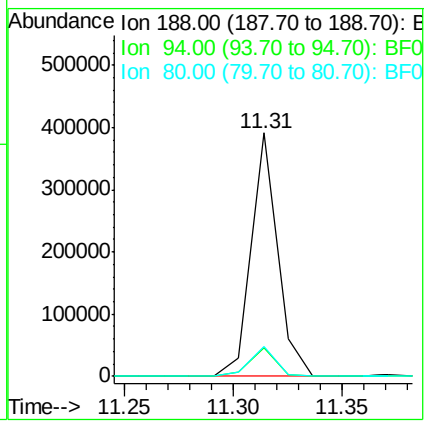


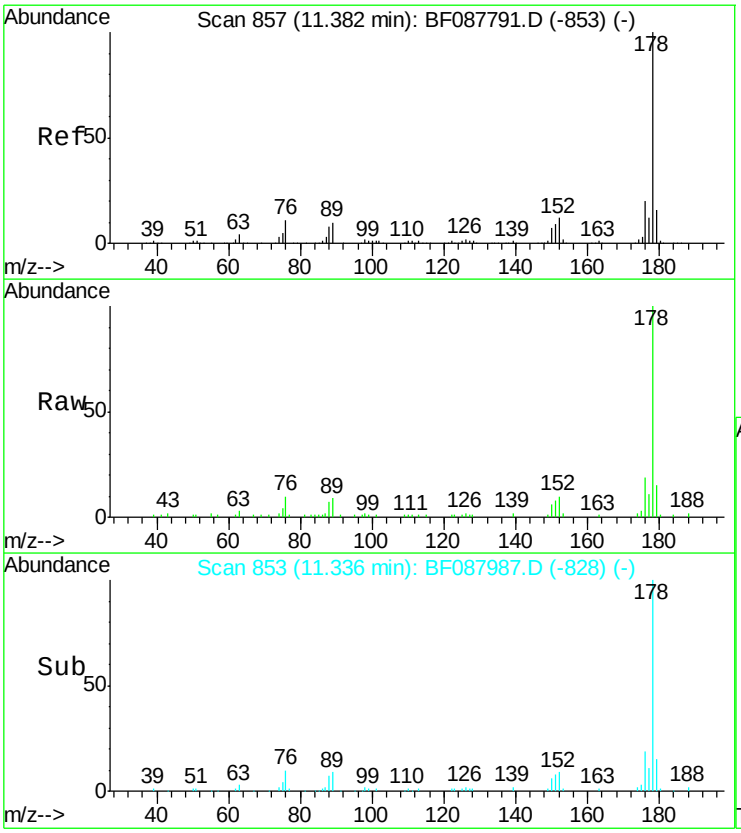
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:188 Resp: 331059

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.6
80	12.1	10.0	15.0

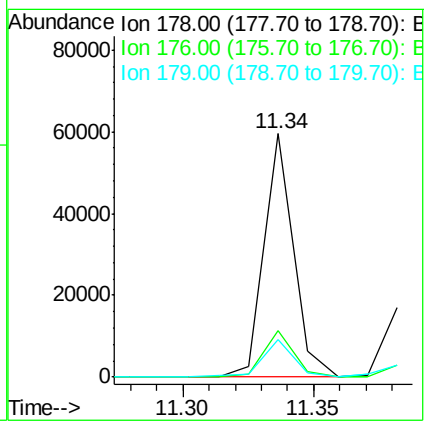


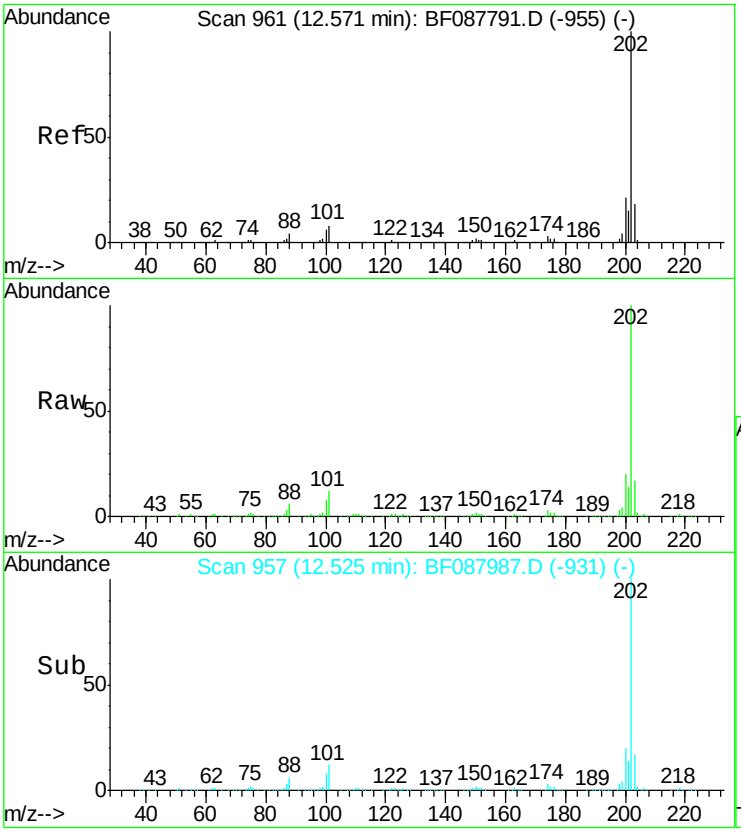


#70
Phenanthrene
Concen: 2.70 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:178 Resp: 46911

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.4	13.0	19.4



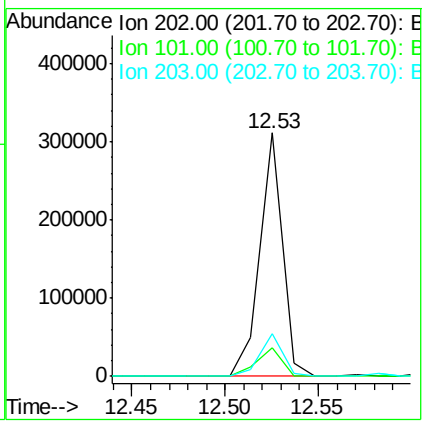


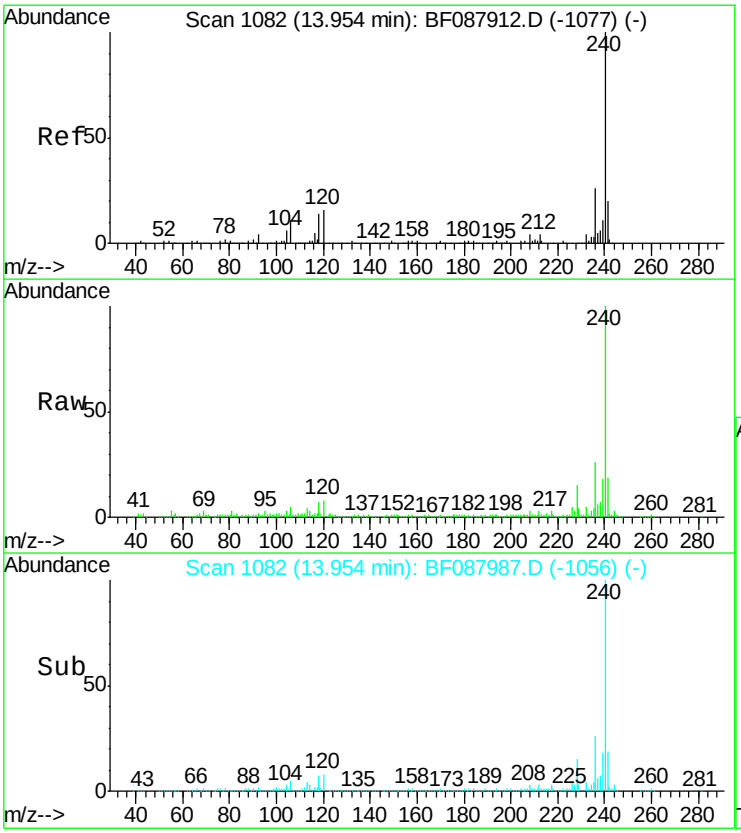
#74
Fluoranthene
Concen: 14.16 ng
RT: 12.53 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:202 Resp: 259606

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.1
203	17.4	0.0	38.1

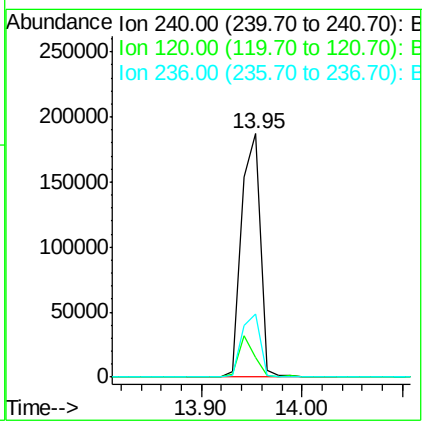


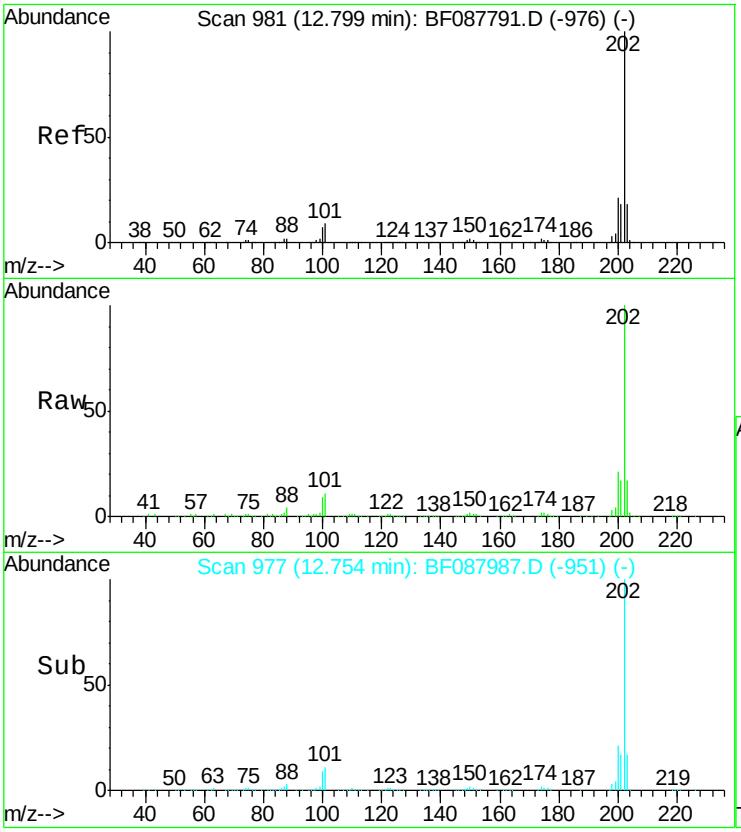


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:240 Resp: 243779

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.8	20.2	30.2



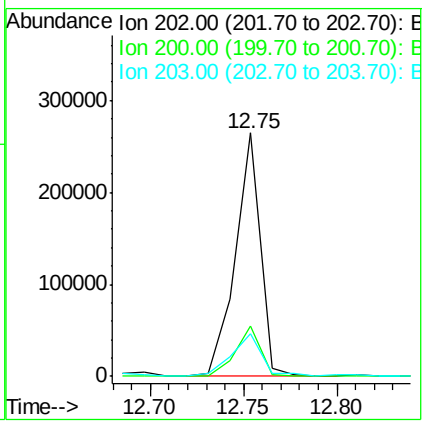


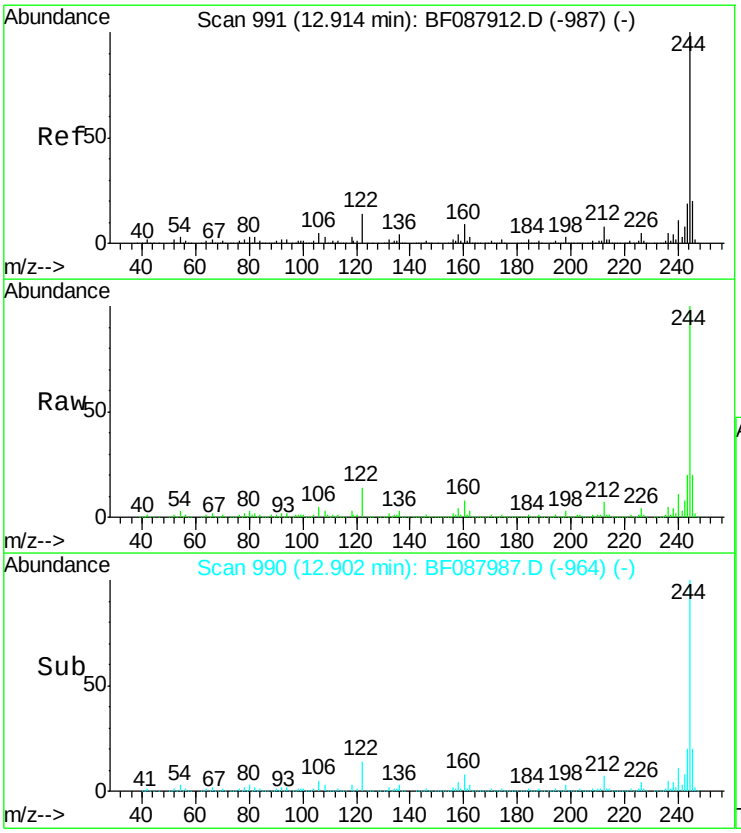
#77
Pyrene
Concen: 13.69 ng
RT: 12.75 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:202 Resp: 247719

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.4	14.5	21.7

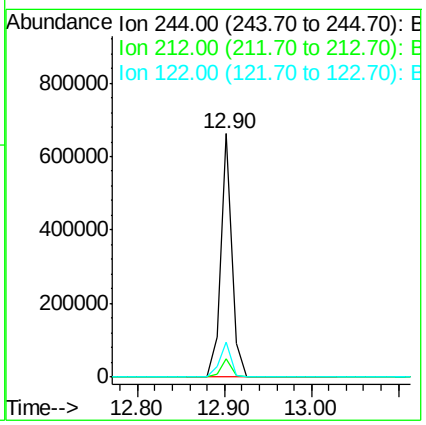


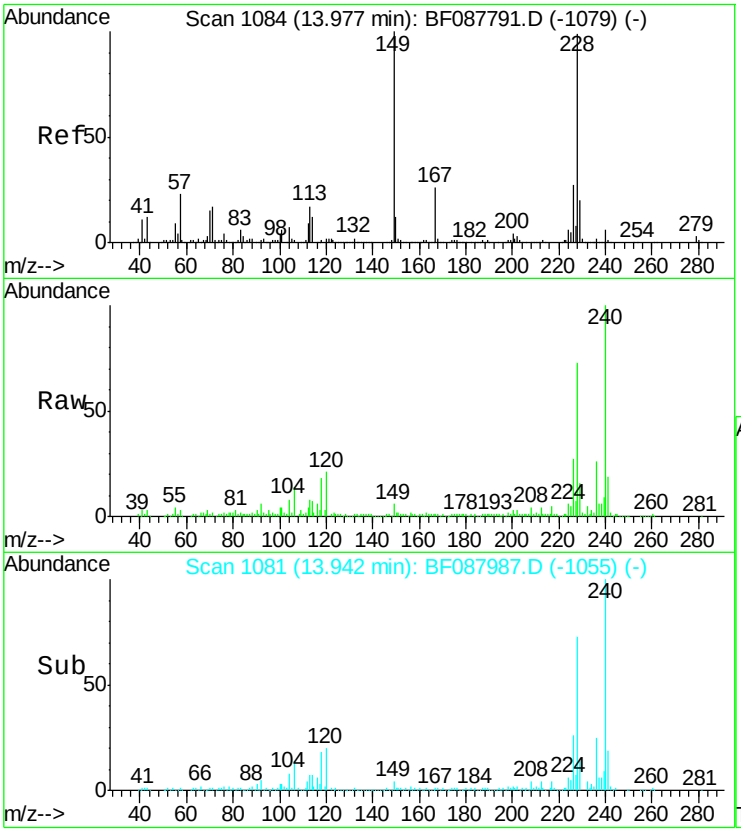


#78
Terphenyl-d14
Concen: 55.75 ng
RT: 12.90 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:244 Resp: 597292

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.2	11.2	16.8



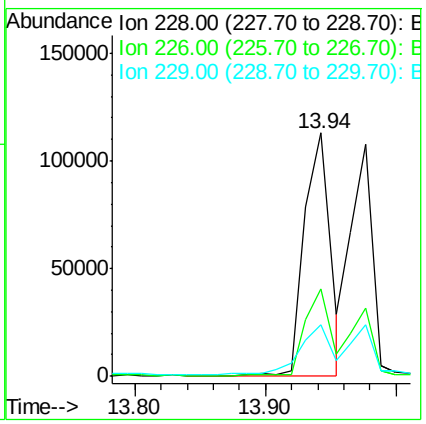


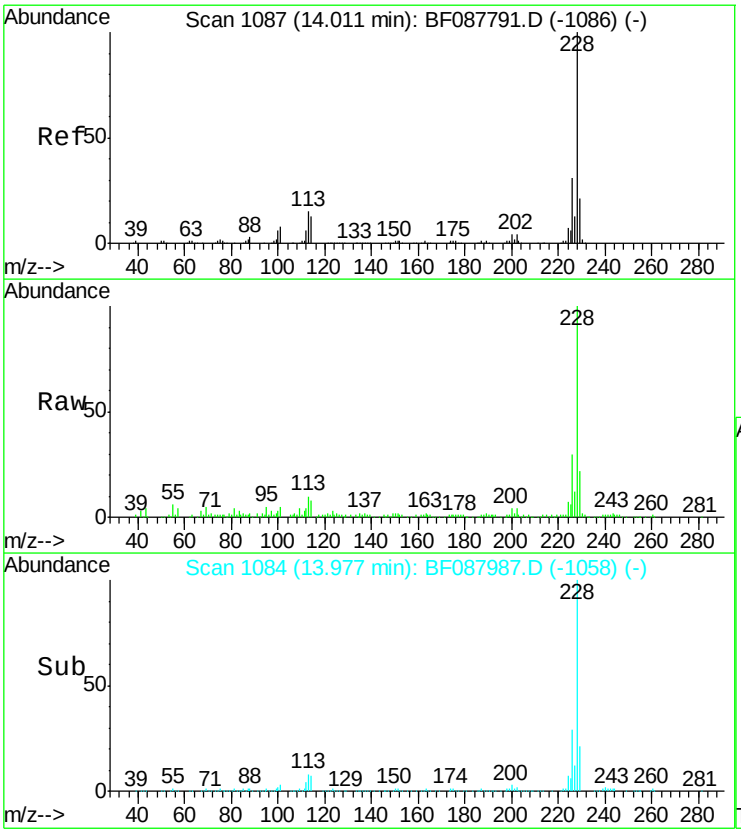
#80
Benzo(a)anthracene
Concen: 11.07 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:228 Resp: 153815

Ion	Ratio	Lower	Upper
228	100		
226	36.2	22.3	33.5#
229	21.2	16.0	24.0

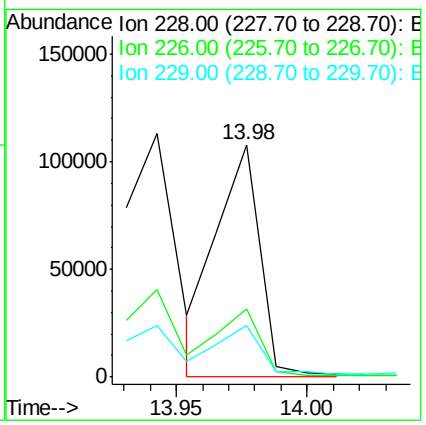


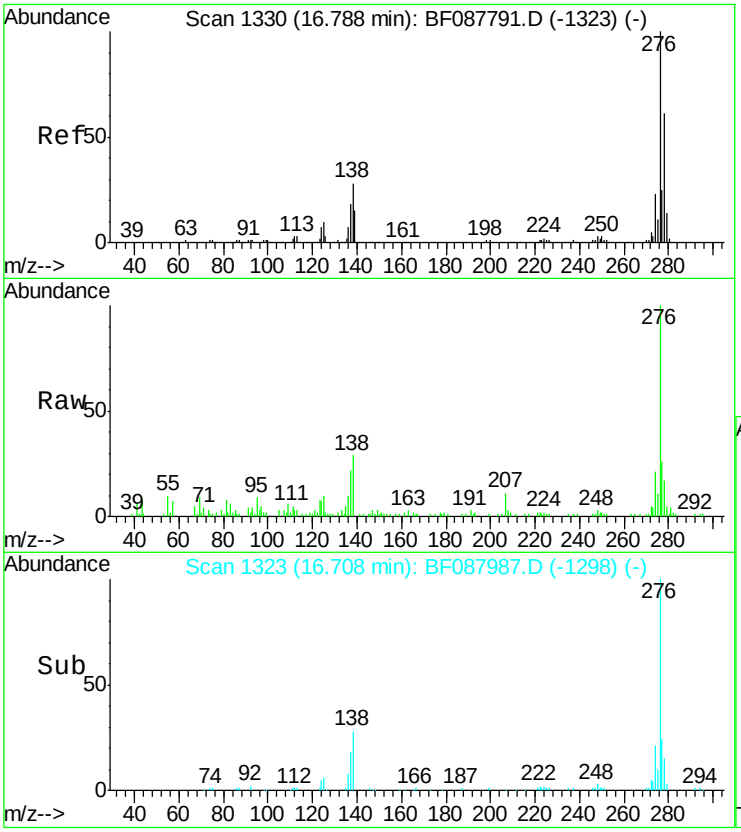


#82
Chrysene
Concen: 9.56 ng m
RT: 13.98 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:228 Resp: 124995

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.2
229	22.0	16.3	24.5



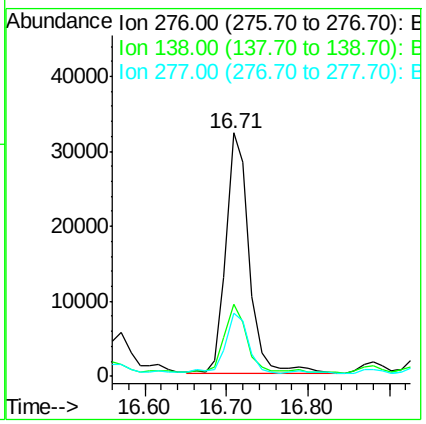


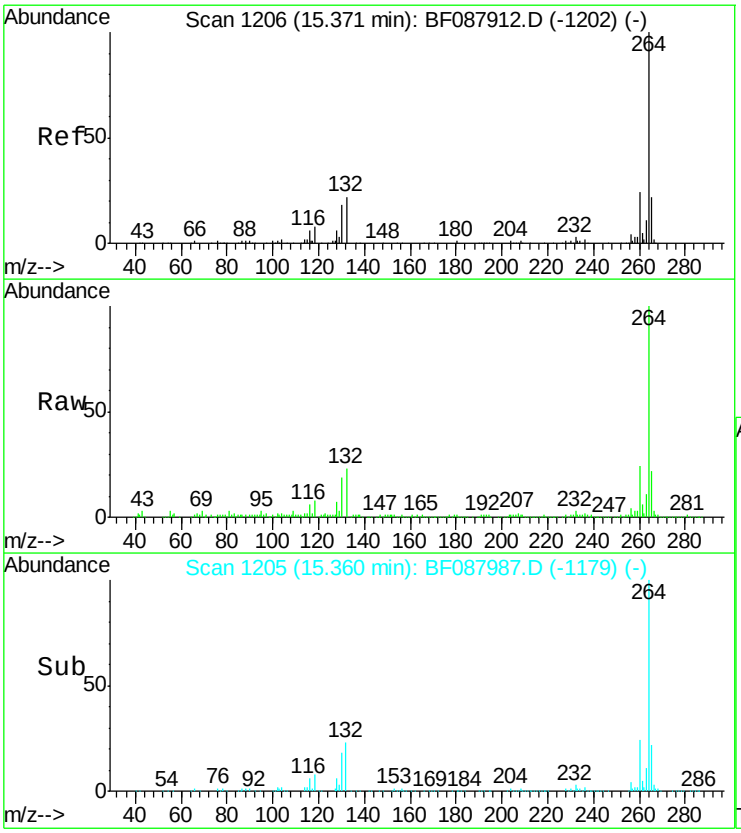
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.24 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:276 Resp: 63583

Ion	Ratio	Lower	Upper
276	100		
138	26.6	0.0	0.0#
277	24.4	0.0	0.0#

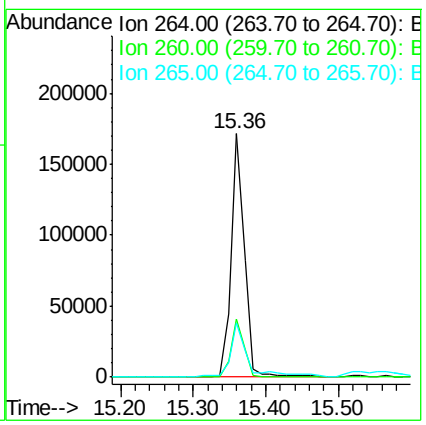


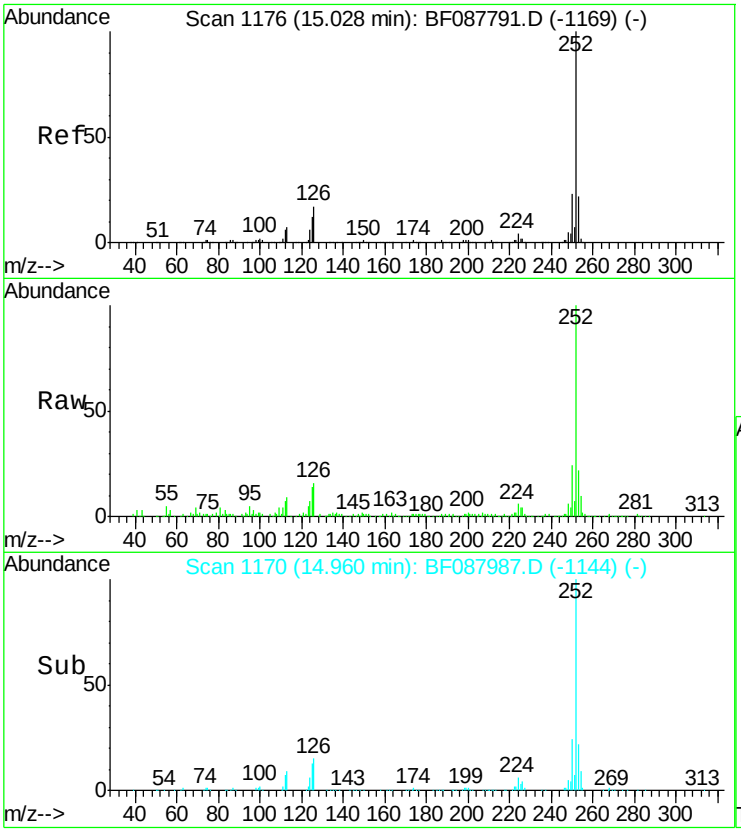


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:264 Resp: 217110

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	16.9	25.3



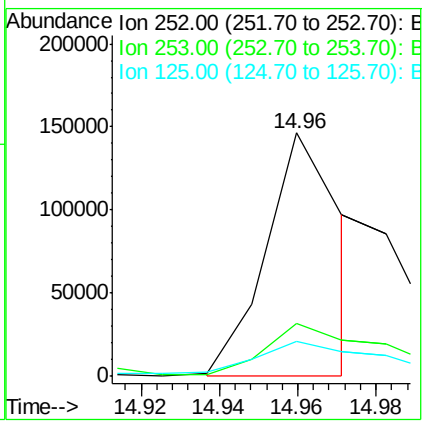


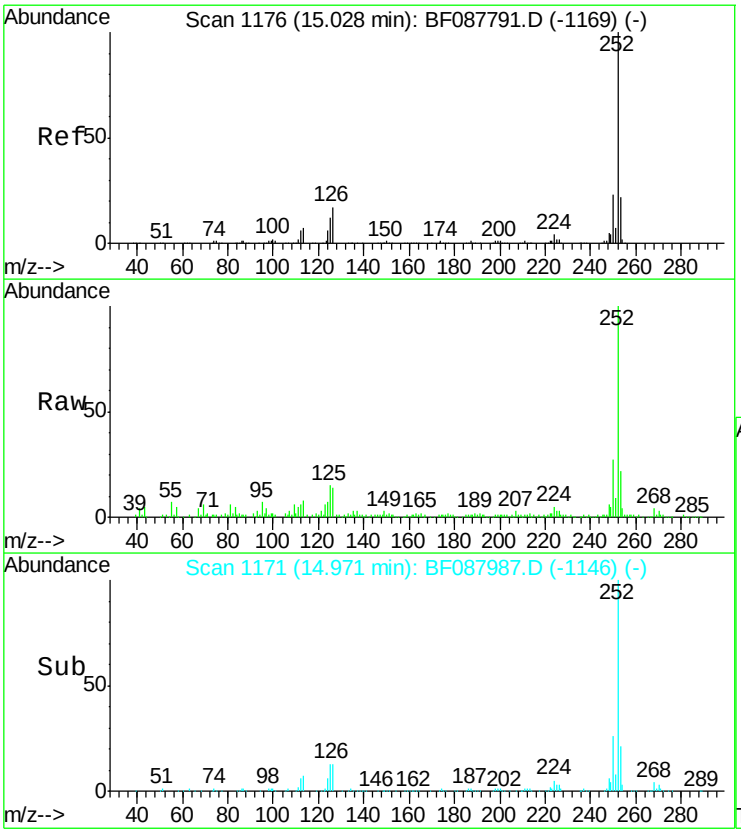
#87
Benzo(b)fluoranthene
Concen: 13.04 ng m
RT: 14.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:252 Resp: 197354

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	14.4	7.1	10.7#

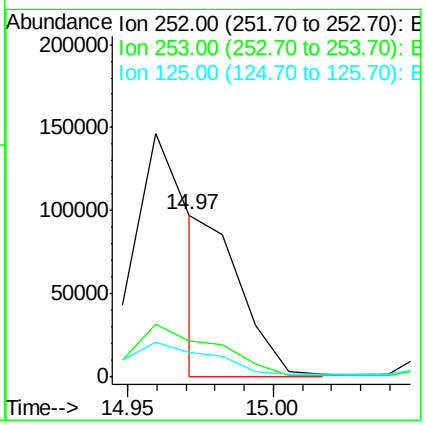


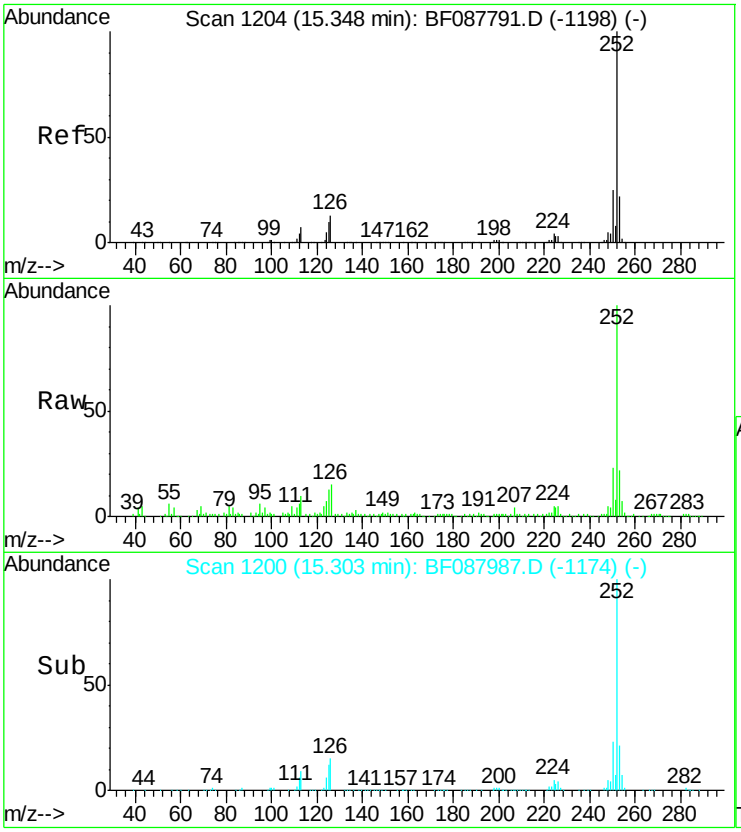


#88
Benzo(k)fluoranthene
Concen: 7.34 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:252 Resp: 83757

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	15.0	11.2	16.8



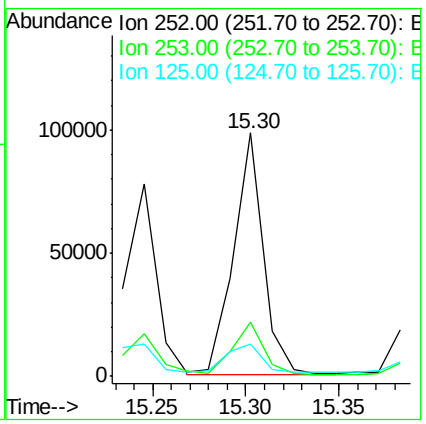


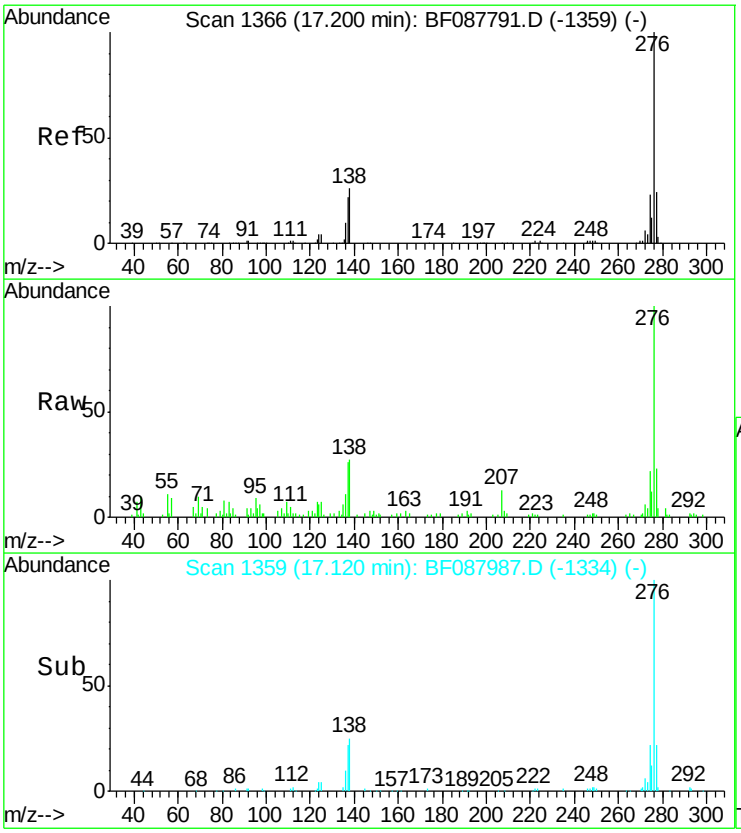
#89
Benzo(a)pyrene
Concen: 8.97 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
STA-980-PLATFORM(0-4)

Tgt Ion:252 Resp: 109855

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.3	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 4.67 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087987.D
Acq: 13 Jun 2016 17:10

Tgt Ion:276 Resp: 54621

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	26.7	21.4	32.2