Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079725.D
Acq On : 5 Jun 2015 4:14
Operator : TP/IZ
Sample : G2474-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-5

Quant Time: Jun 06 03:50:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	98875	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	387007	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	201882	20.00	ng	0.00
63) Phenanthrene-d10	12.09	188	432065	20.00	ng	0.01
75) Chrysene-d12	15.09	240	449674	20.00	ng	0.10
86) Perylene-d12	17.05	264	447935	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	625110	108.41	ng	0.00
7) Phenol-d6	7.11	99	892990	118.96	ng	0.01
23) Nitrobenzene-d5	8.07	82	447320	70.37	ng	0.00
41) 2,4,6-Tribromophenol	11.37	330	213657	117.85	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	923111	66.20	ng	0.00
78) Terphenyl-d14	13.79	244	1120739	58.72	ng	0.06
Target Compounds						Qvalue
49) Dimethylphthalate	10.26	163	124088	7.98	ng	97
70) Phenanthrene	12.11	178	293738	11.69	ng	98
71) Anthracene	12.17	178	53459	2.15	ng	98
74) Fluoranthene	13.38	202	481943	17.68	ng	96
77) Pyrene	13.65	202	423721	15.16	ng	98
80) Benzo(a)anthracene	15.06	228	213516	7.77	ng	99
82) Chrysene	15.11	228	218471	8.49	ng	97
85) Indeno(1,2,3-cd)pyrene	19.06	276	140484	4.84	ng	95
87) Benzo(b)fluoranthene	16.47	252	284911m	9.86	ng	
88) Benzo(k)fluoranthene	16.50	252	97862m	3.55	ng	
89) Benzo(a)pyrene	16.97	252	186658	7.07	ng	98
91) Benzo(g,h,i)perylene	19.67	276	134441	5.39	ng	99

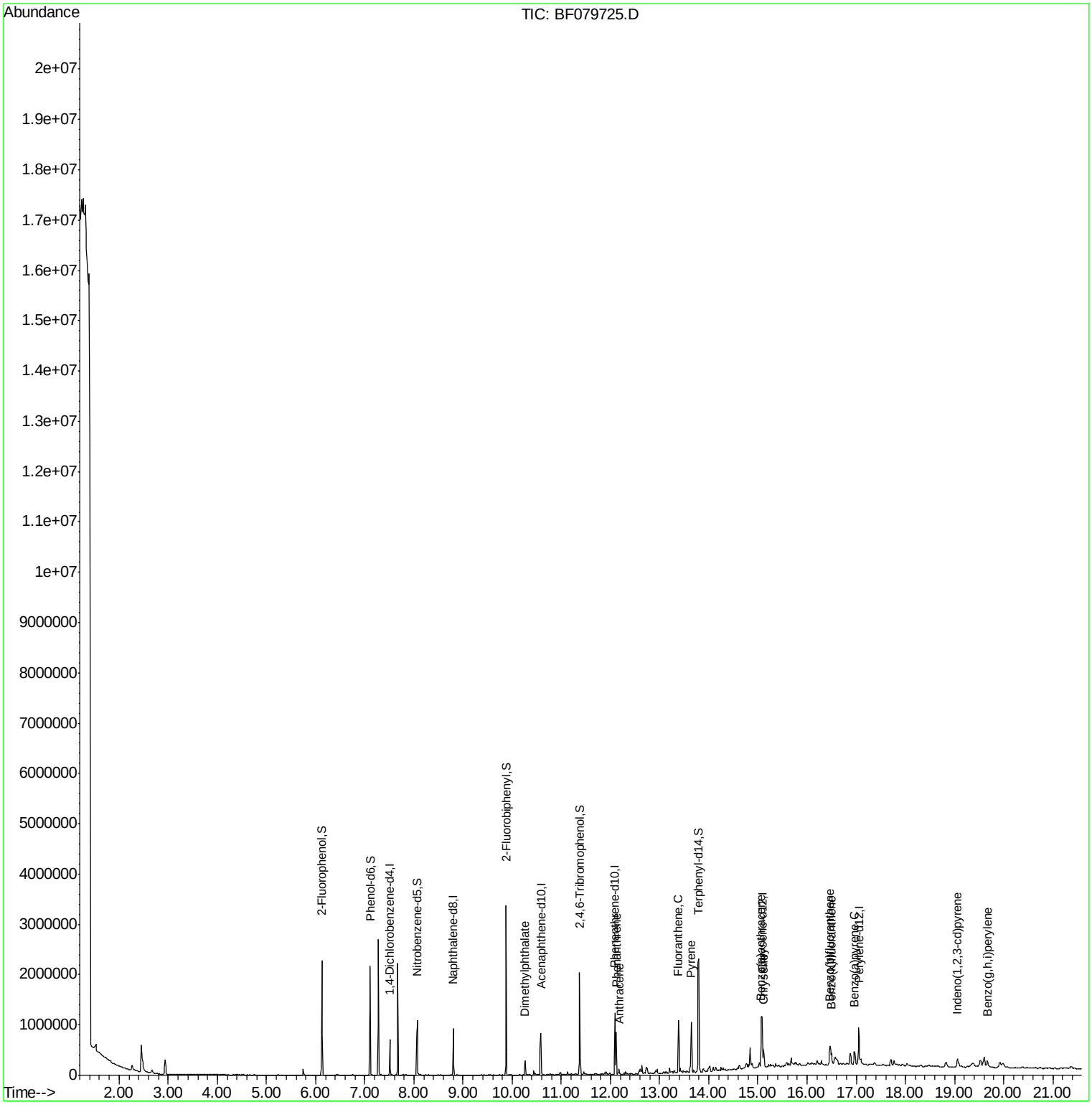
(#) = qualifier out of range (m) = manual integration (+) = signals summed

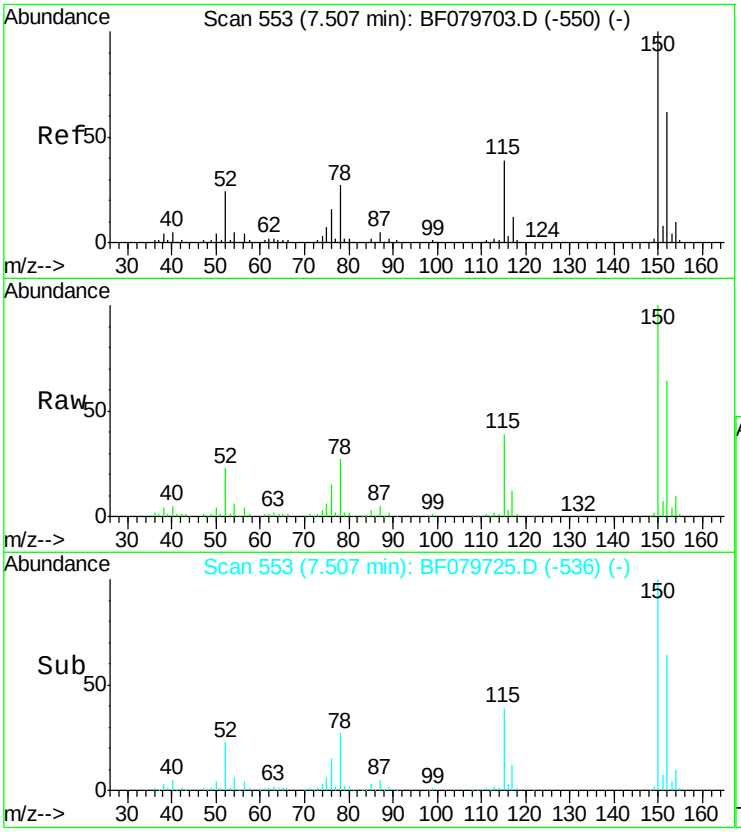
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079725.D
Acq On : 5 Jun 2015 4:14
Operator : TP/IZ
Sample : G2474-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-5

Quant Time: Jun 06 03:50:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration



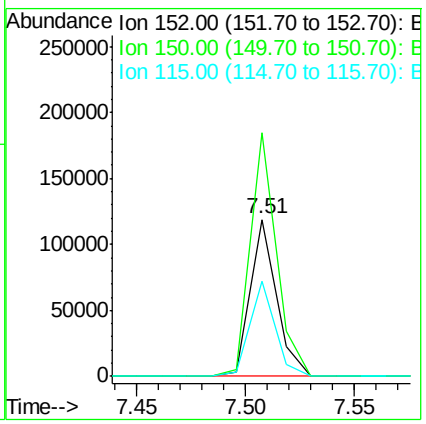


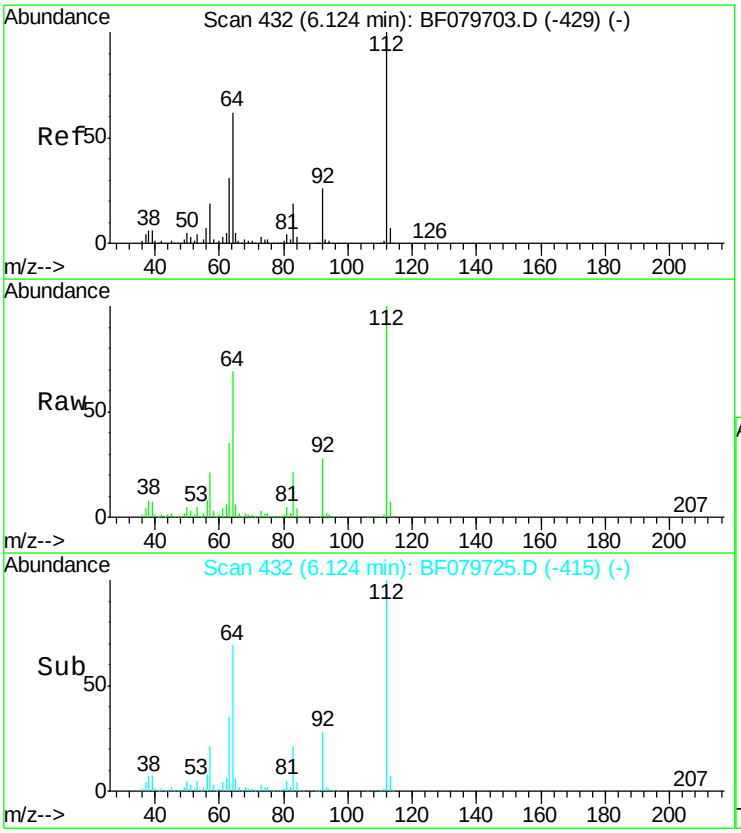
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:152 Resp: 98875

Ion	Ratio	Lower	Upper
152	100		
150	155.4	128.1	192.1
115	60.8	49.7	74.5

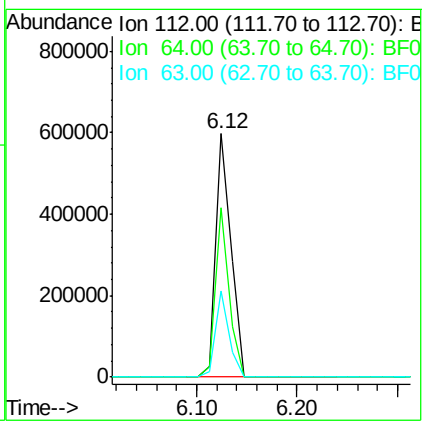


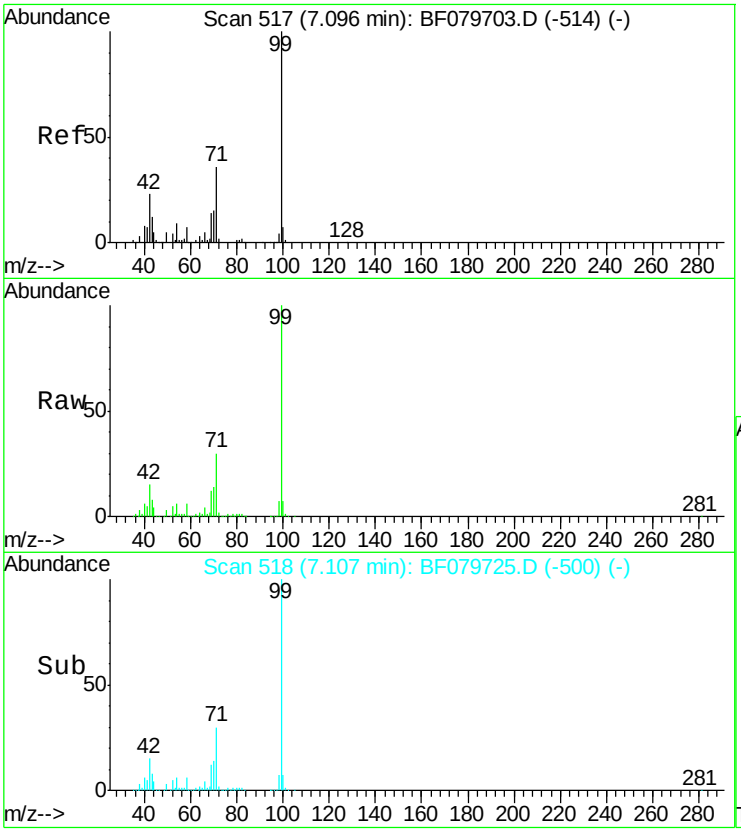


#5
2-Fluorophenol
Concen: 108.41 ng
RT: 6.12 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:112 Resp: 625110

Ion	Ratio	Lower	Upper
112	100		
64	69.5	49.6	74.4
63	35.4	24.9	37.3



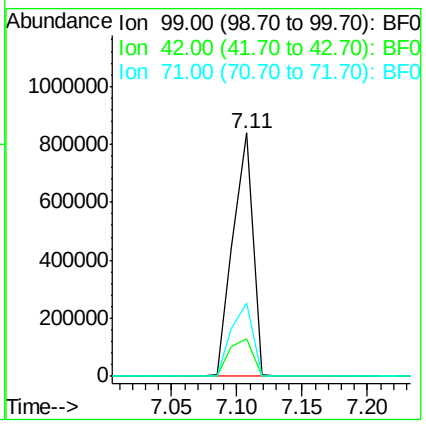


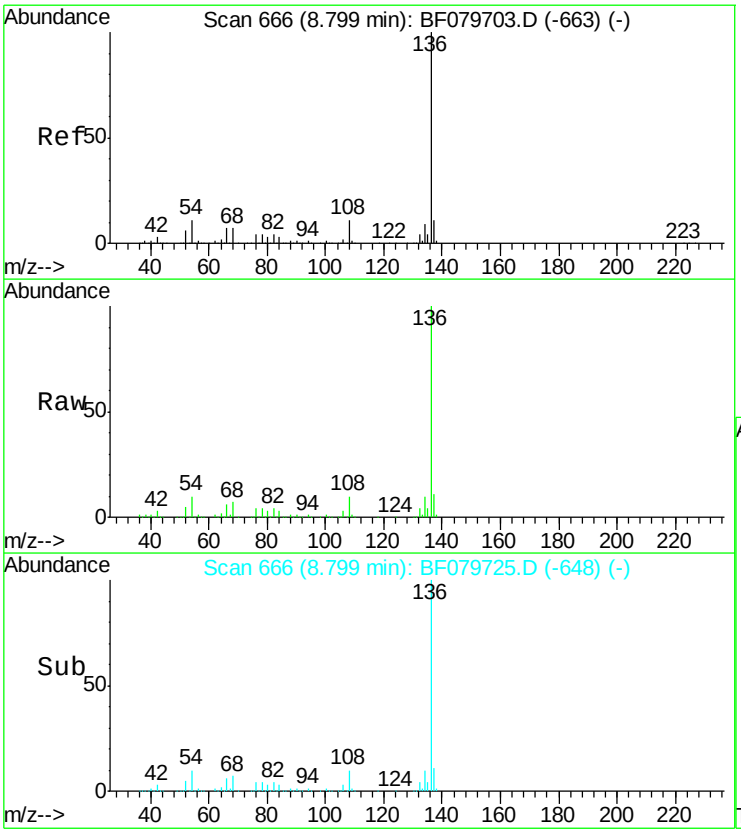
#7
Phenol-d6
Concen: 118.96 ng
RT: 7.11 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion: 99 Resp: 892990

Ion	Ratio	Lower	Upper
99	100		
42	15.3	18.0	27.0#
71	29.9	28.4	42.6

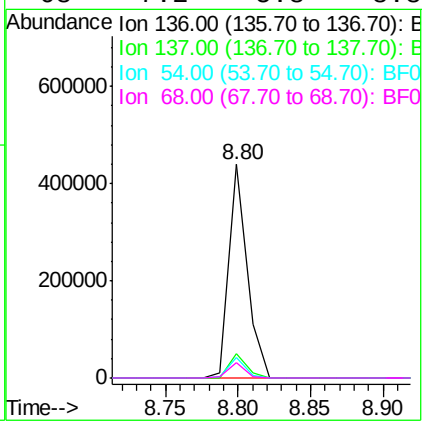


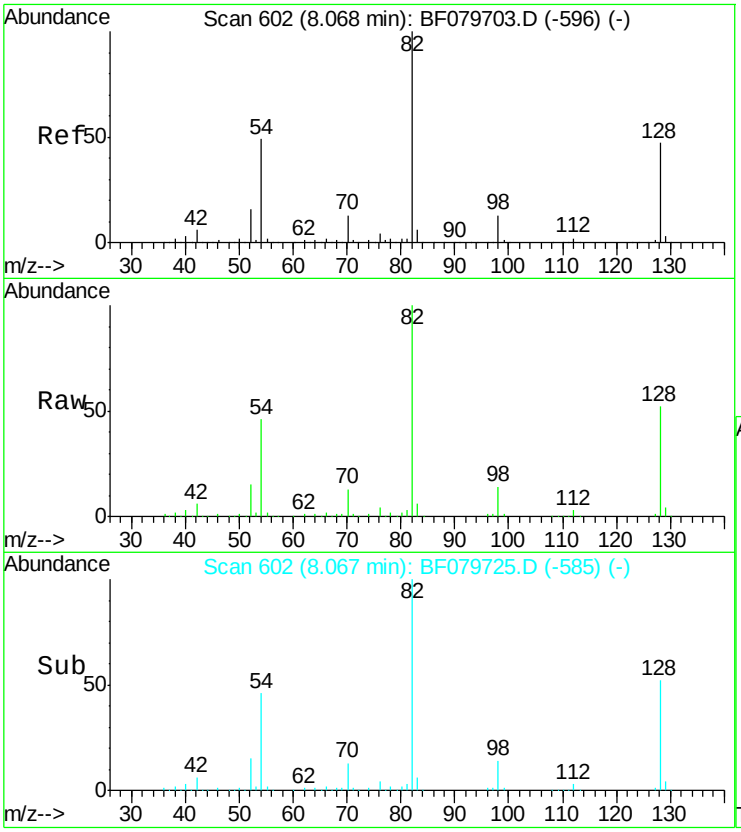


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:136 Resp: 387007

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.5	8.7	13.1
68	7.2	5.8	8.8



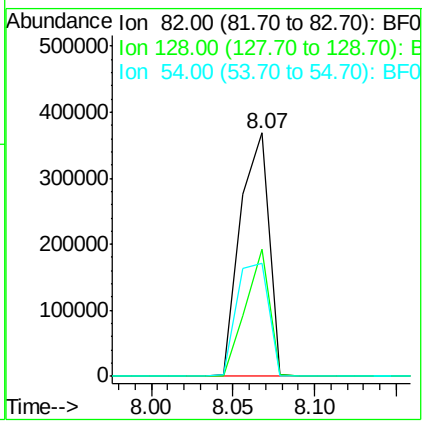


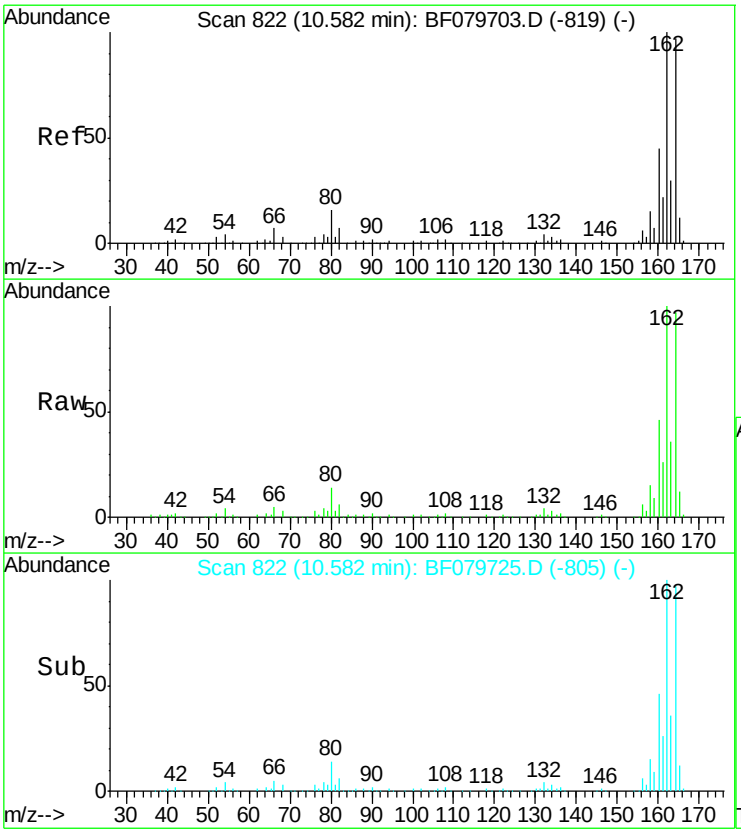
#23
Nitrobenzene-d5
Concen: 70.37 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion: 82 Resp: 447320

Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.6	56.4
54	46.3	39.4	59.2

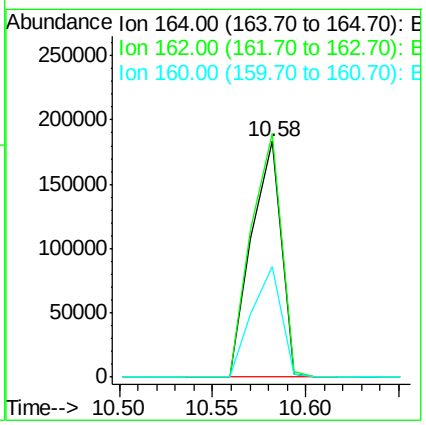


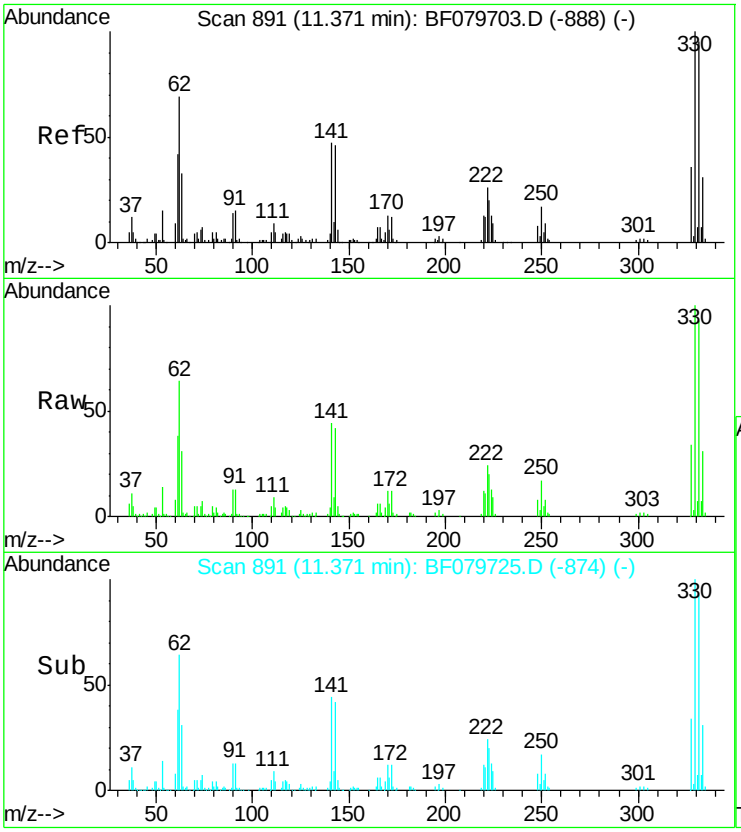


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:164 Resp: 201882

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	47.1	36.8	55.2



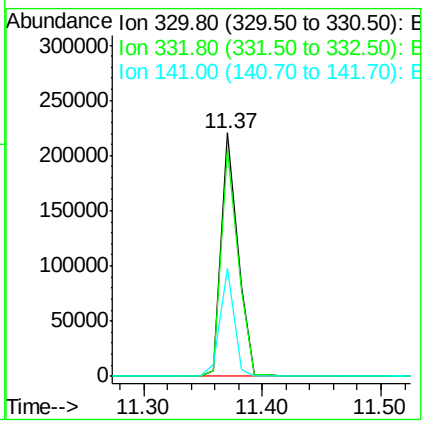


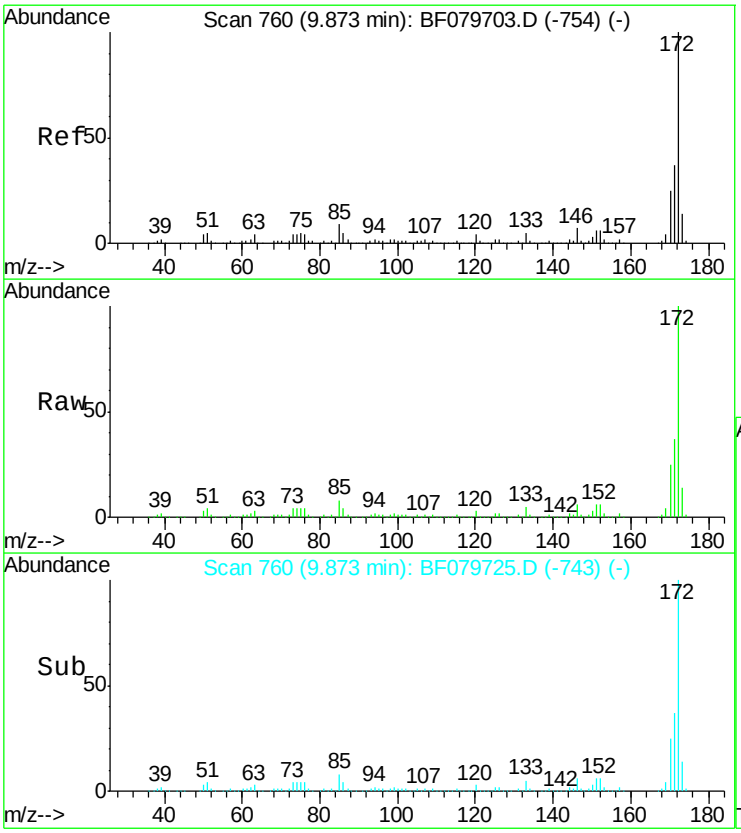
#41
2,4,6-Tribromophenol
Concen: 117.85 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:330 Resp: 213657

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.0
141	37.3	30.2	45.2

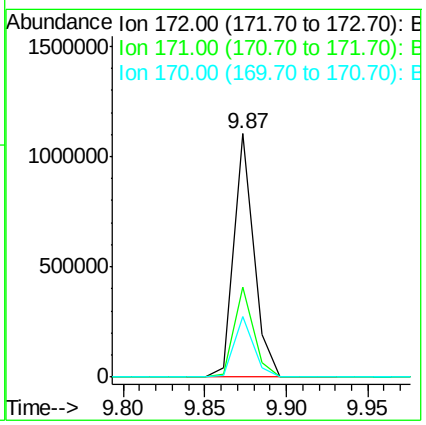


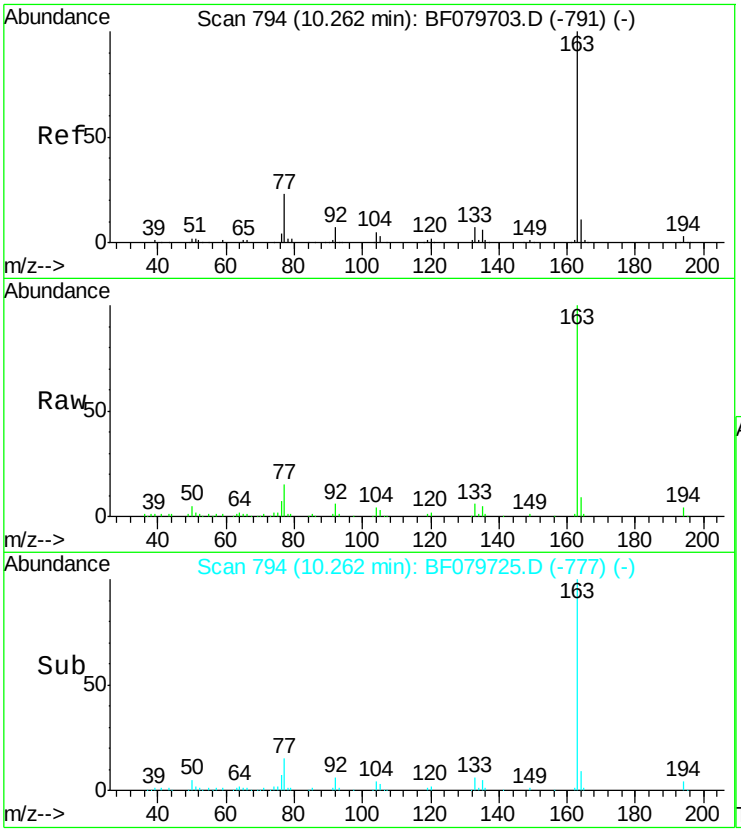


#44
2-Fluorobiphenyl
Concen: 66.20 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:172 Resp: 923111

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.8	19.7	29.5



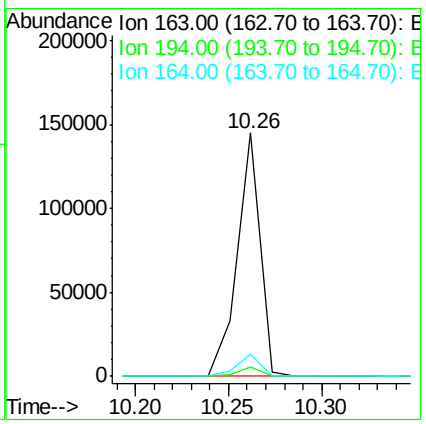


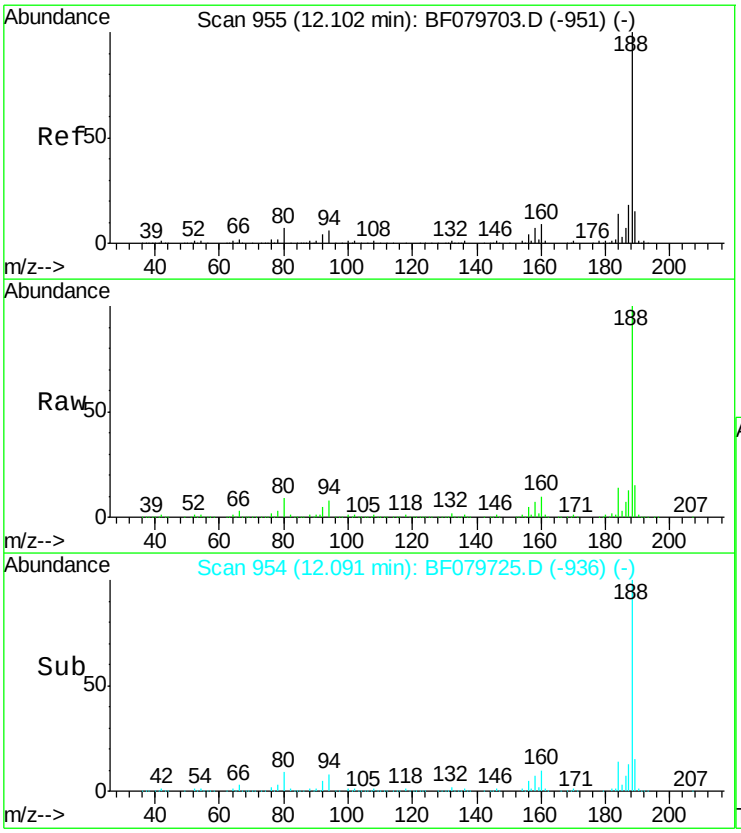
#49
Dimethylphthalate
Concen: 7.98 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:163 Resp: 124088

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	3.8
164	9.2	8.5	12.7

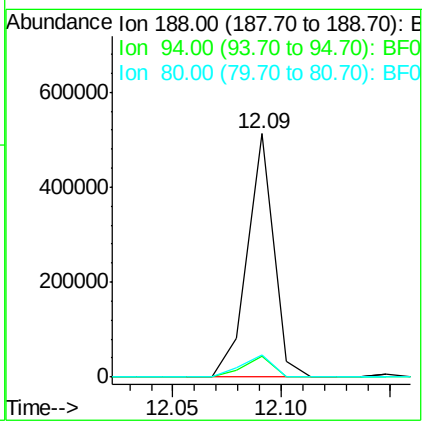


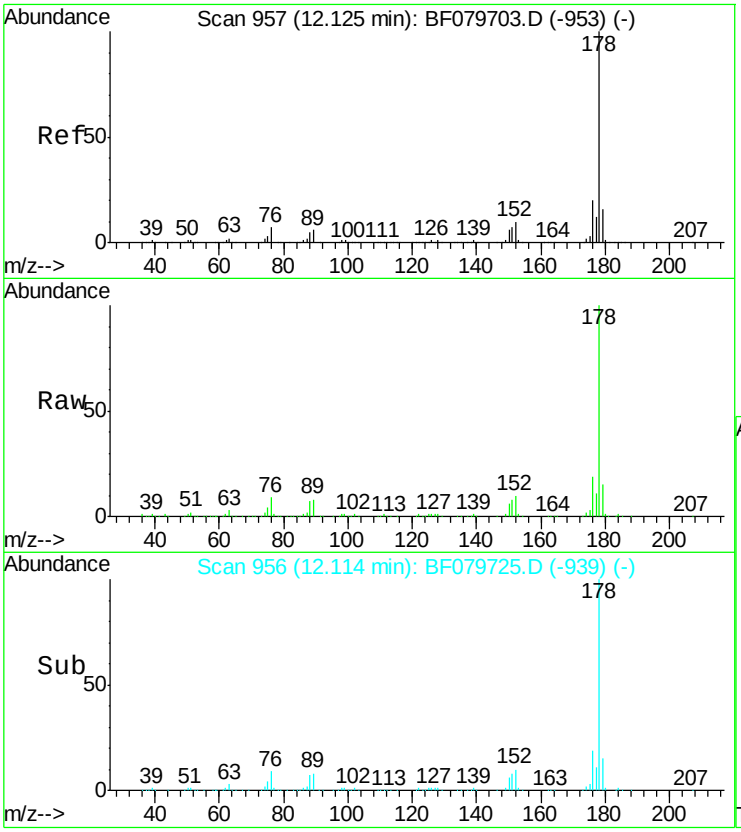


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:188 Resp: 432065

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.0	7.4#
80	9.2	5.3	7.9#



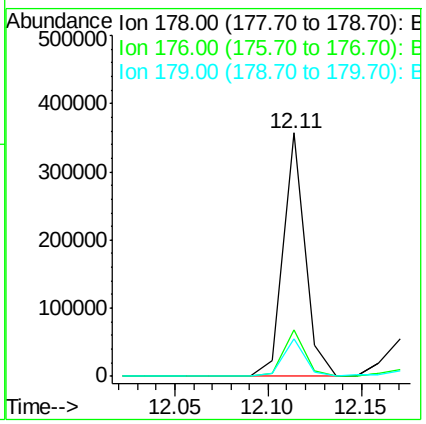


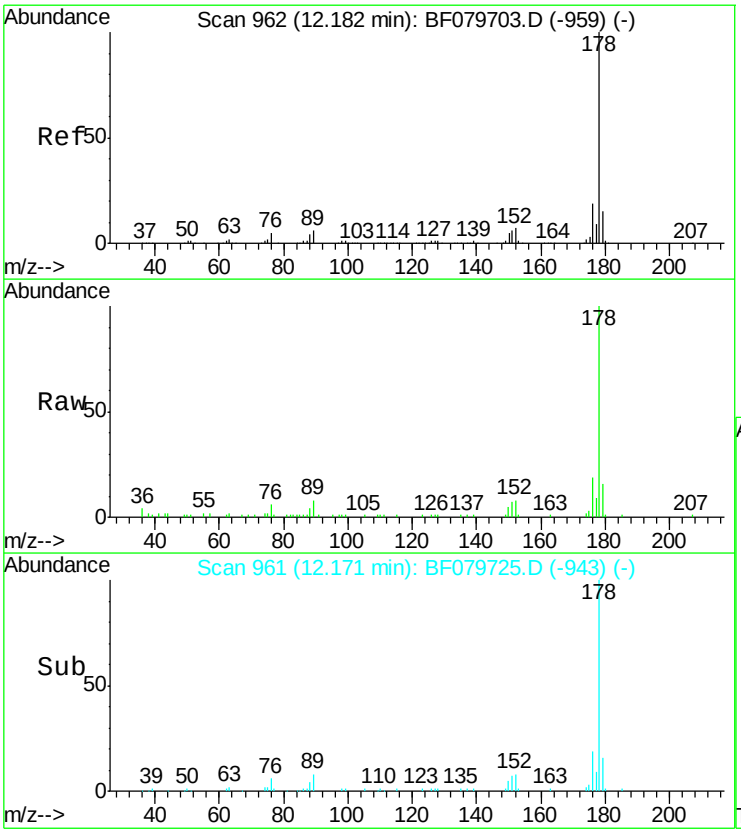
#70
Phenanthrene
Concen: 11.69 ng
RT: 12.11 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:178 Resp: 293738

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.4	12.6	19.0

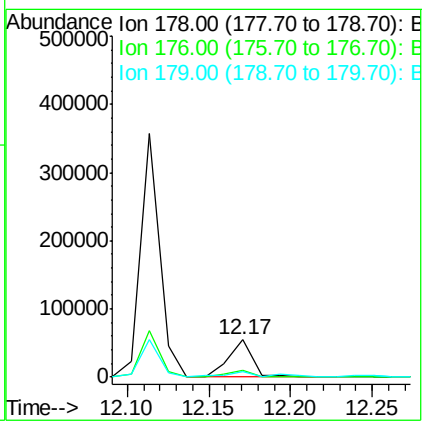


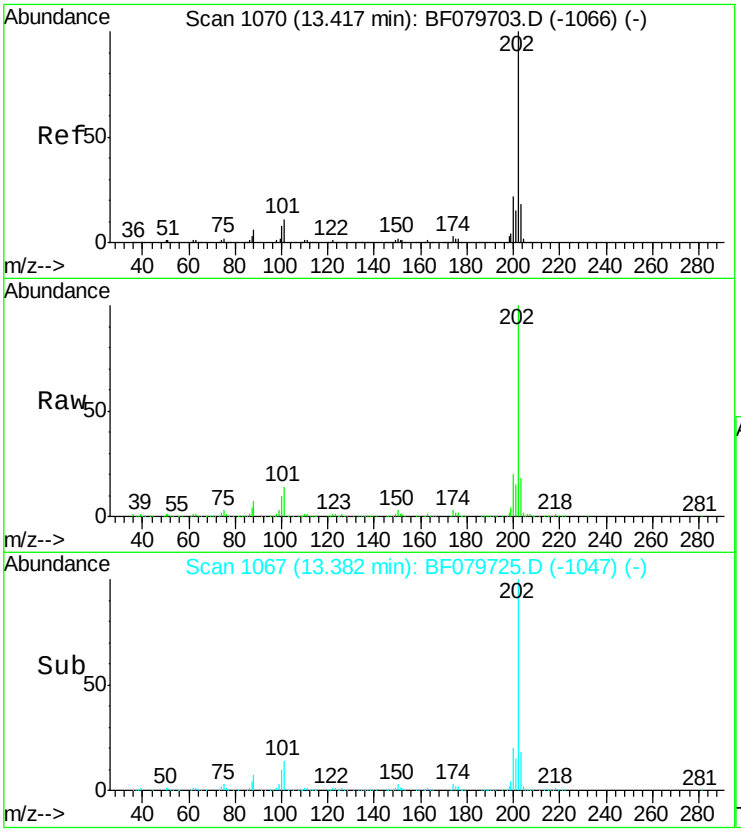


#71
Anthracene
Concen: 2.15 ng
RT: 12.17 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:178 Resp: 53459

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	16.1	12.2	18.2



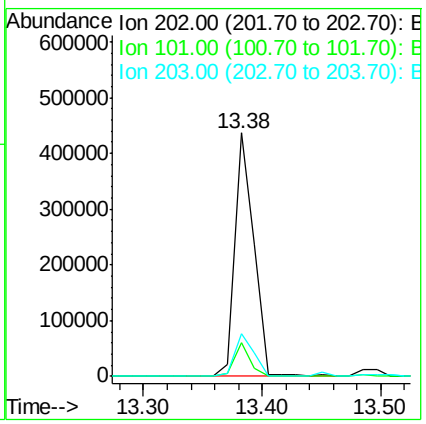


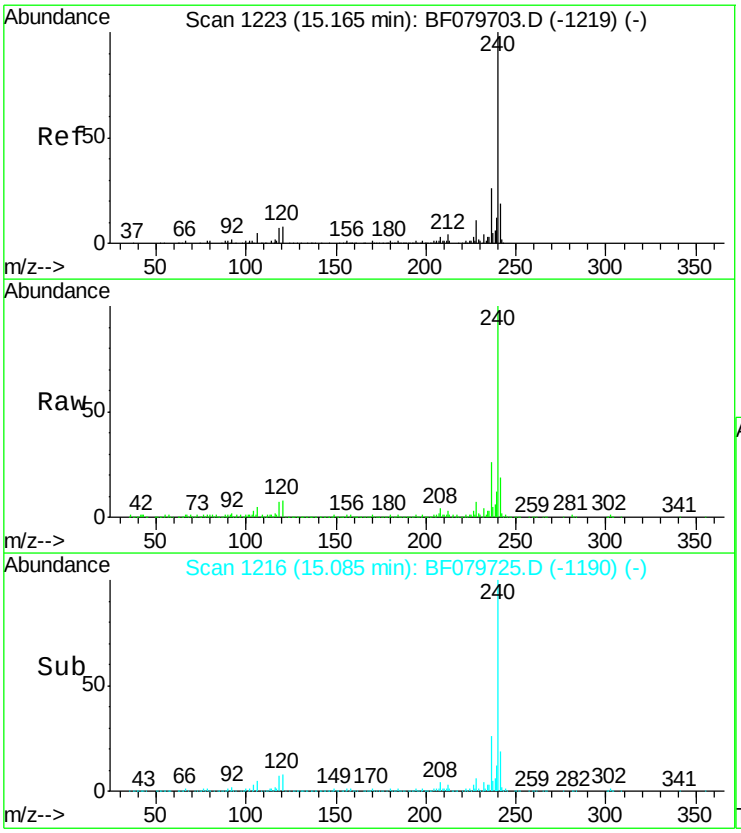
#74
Fluoranthene
Concen: 17.68 ng
RT: 13.38 min Scan# 1067
Delta R.T. 0.03 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:202 Resp: 481943

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.3
203	17.6	0.0	38.4

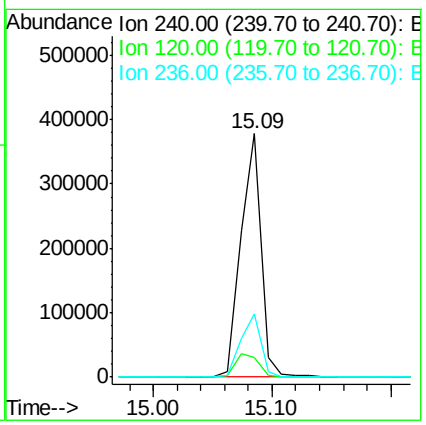


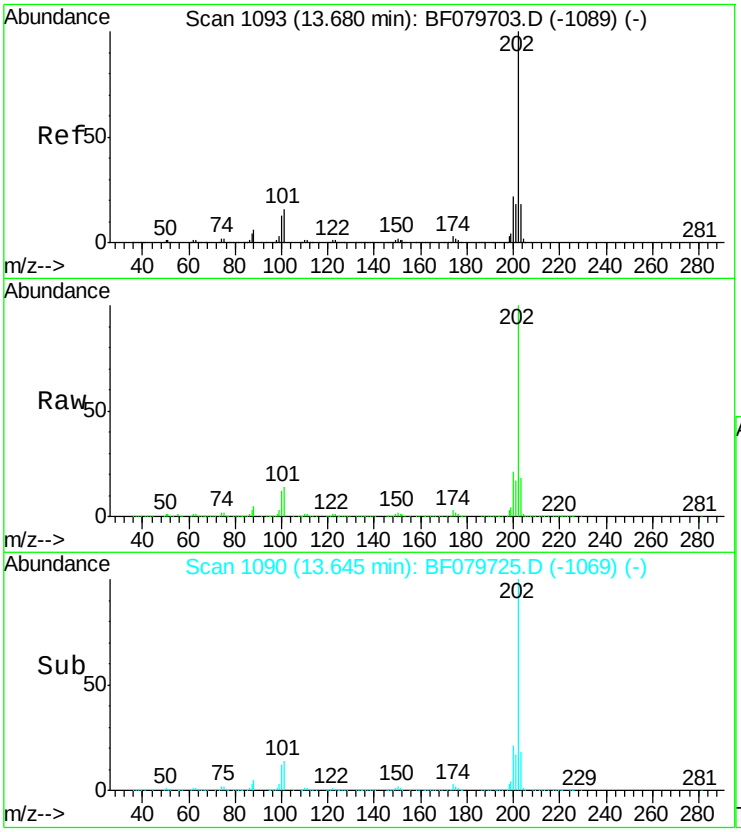


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1216
Delta R.T. 0.10 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:240 Resp: 449674

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.2	9.2
236	25.8	21.0	31.4



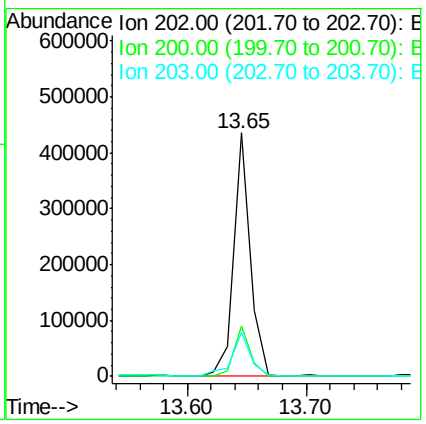


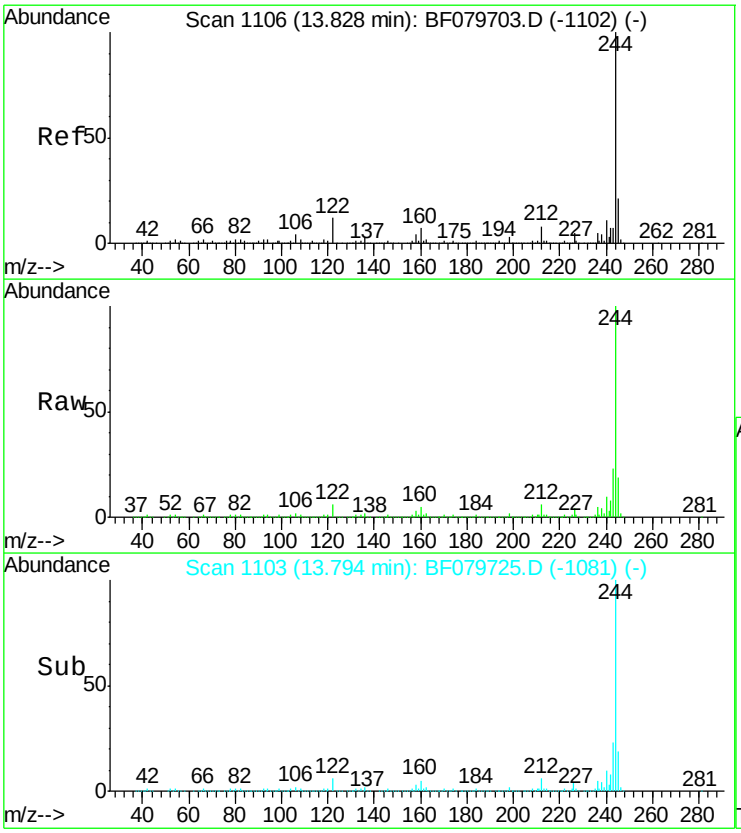
#77
Pyrene
Concen: 15.16 ng
RT: 13.65 min Scan# 1090
Delta R.T. 0.05 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:202 Resp: 423721

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.5	26.3
203	17.9	14.8	22.2

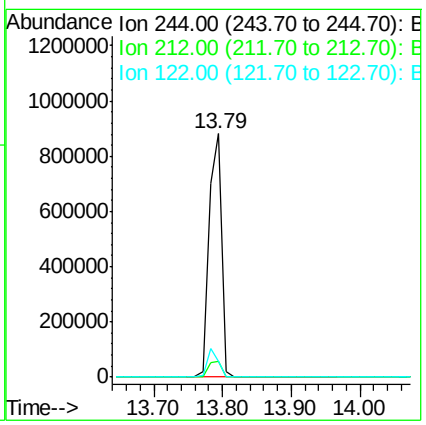


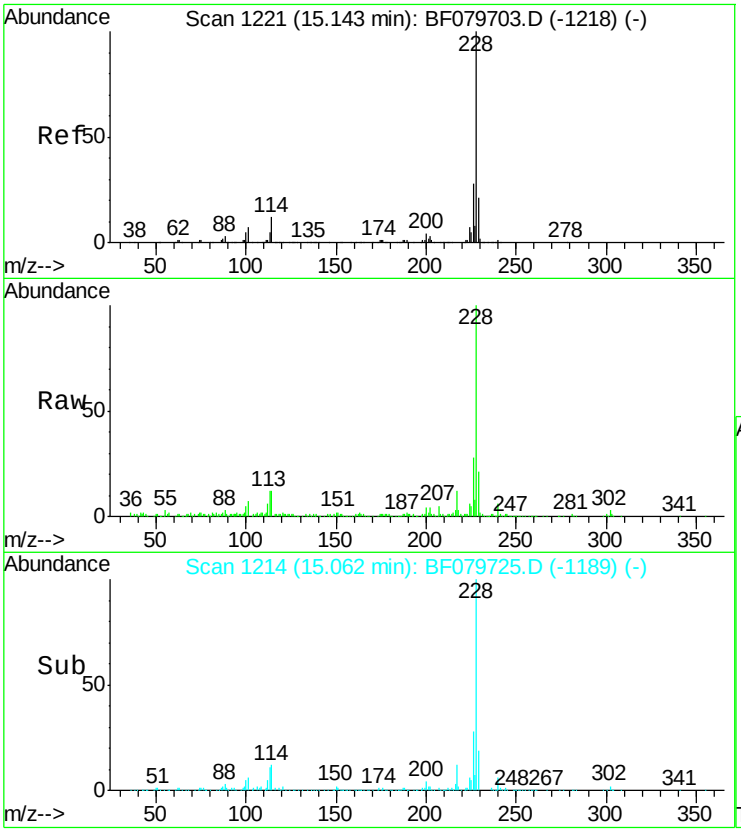


#78
Terphenyl-d14
Concen: 58.72 ng
RT: 13.79 min Scan# 1103
Delta R.T. 0.06 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:244 Resp: 1120739

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.1	9.1
122	6.3	9.3	13.9#



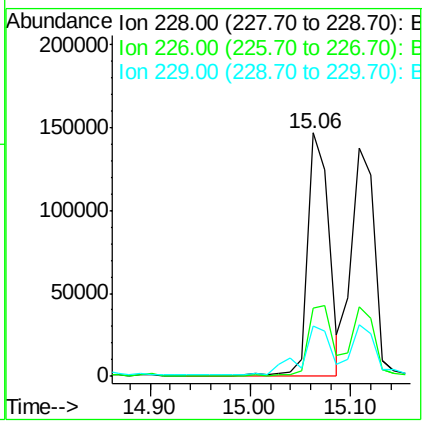


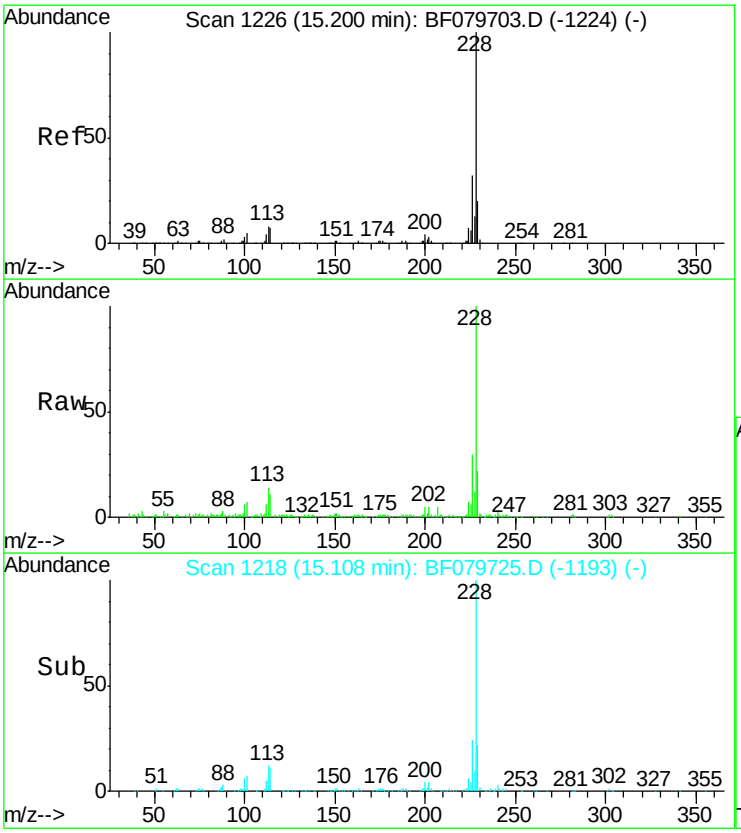
#80
Benzo(a)anthracene
Concen: 7.77 ng
RT: 15.06 min Scan# 1214
Delta R.T. 0.09 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:228 Resp: 213516

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.6	16.6	25.0

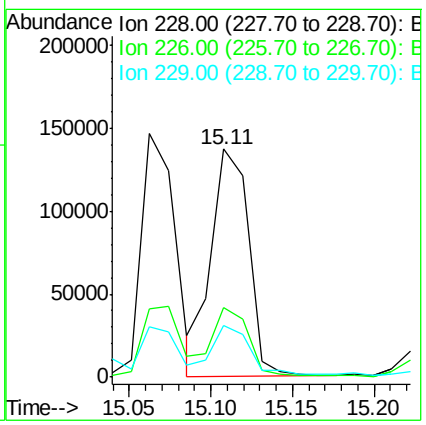


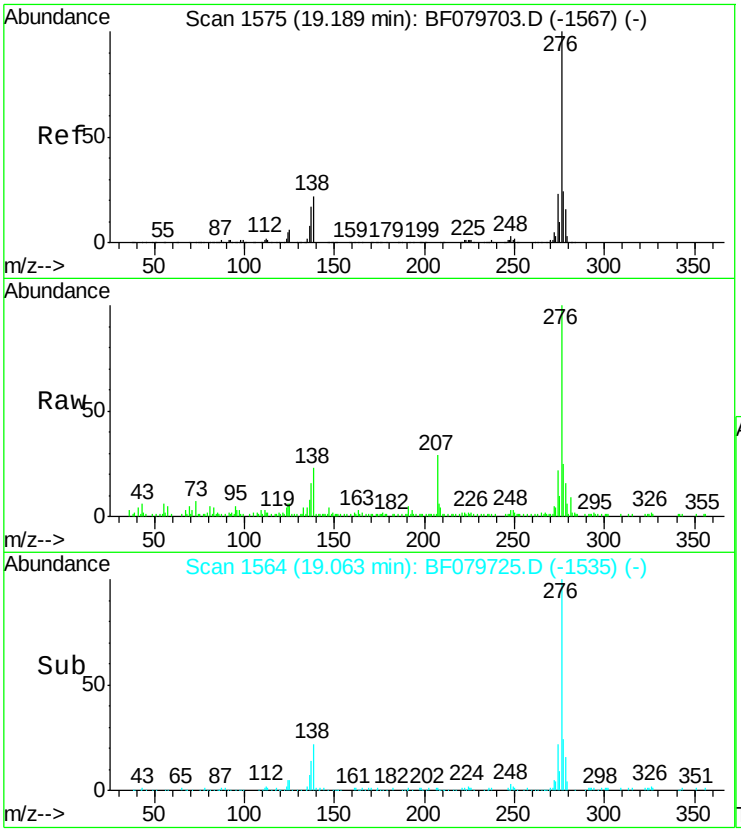


#82
Chrysene
Concen: 8.49 ng
RT: 15.11 min Scan# 1218
Delta R.T. 0.09 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:228 Resp: 218471

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	22.4	16.2	24.4



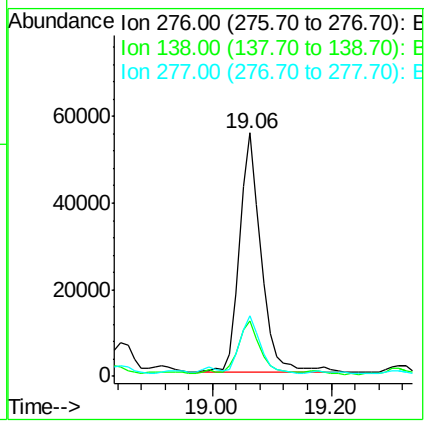


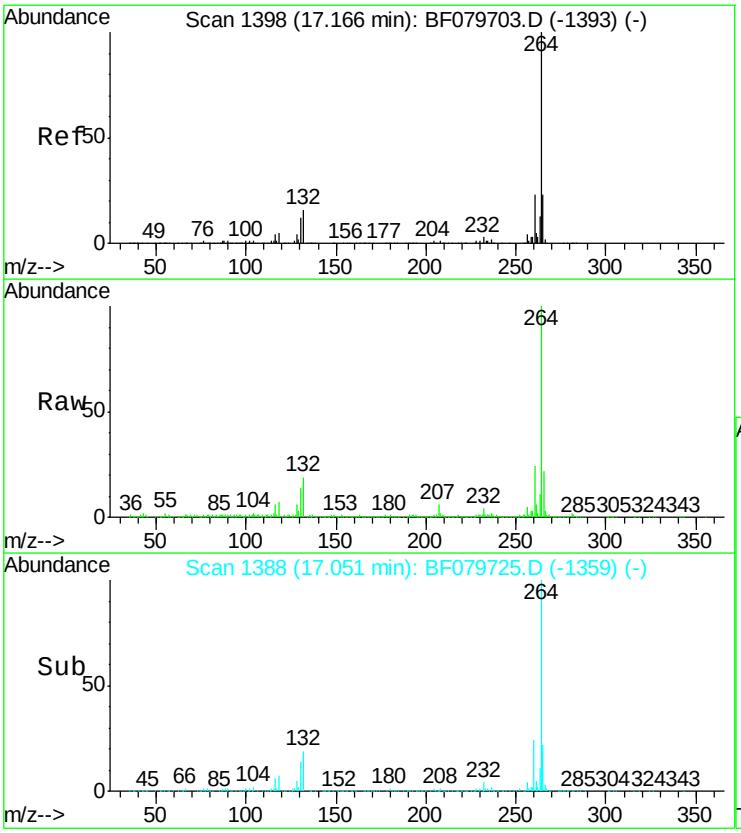
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.84 ng
RT: 19.06 min Scan# 1564
Delta R.T. 0.14 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:276 Resp: 140484

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.8	31.2
277	22.6	20.0	30.0

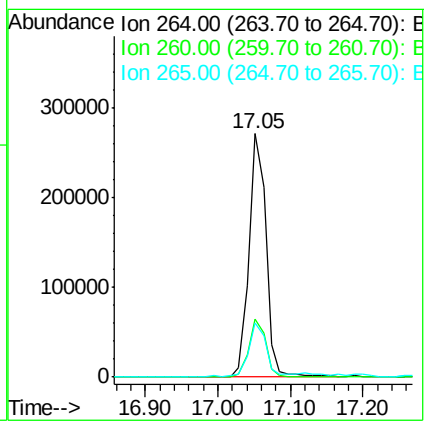


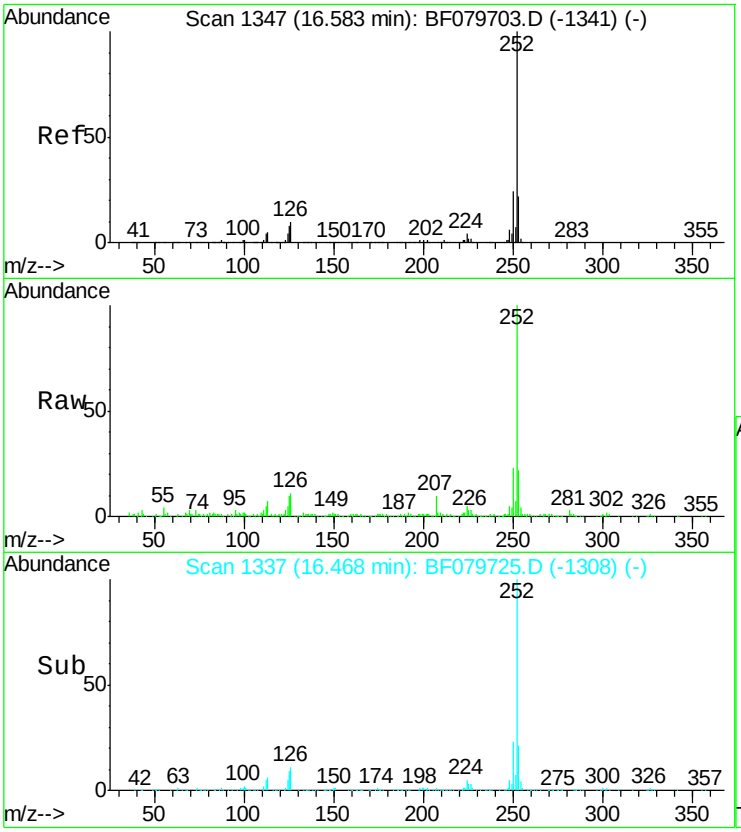


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.05 min Scan# 1388
Delta R.T. 0.14 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:264 Resp: 447935

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.2	18.2	27.4



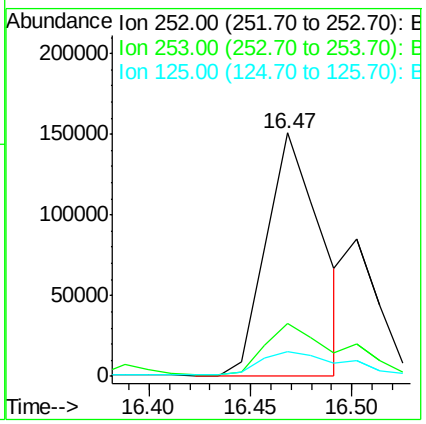


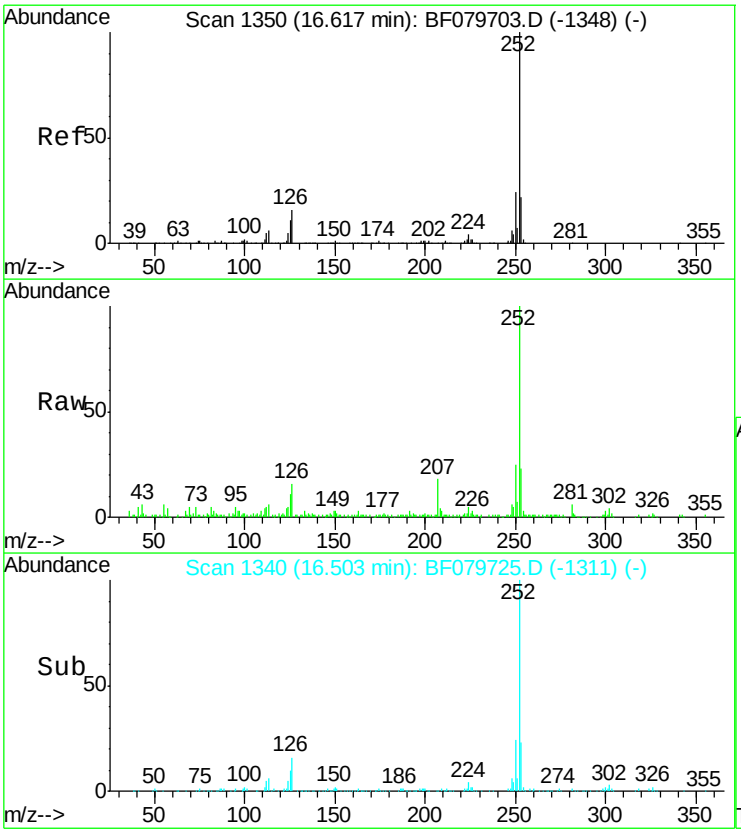
#87
Benzo(b)fluoranthene
Concen: 9.86 ng m
RT: 16.47 min Scan# 1337
Delta R.T. 0.14 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:252 Resp: 284911

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.0	6.5	9.7#

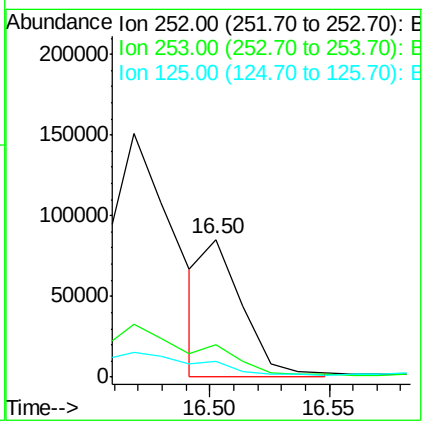


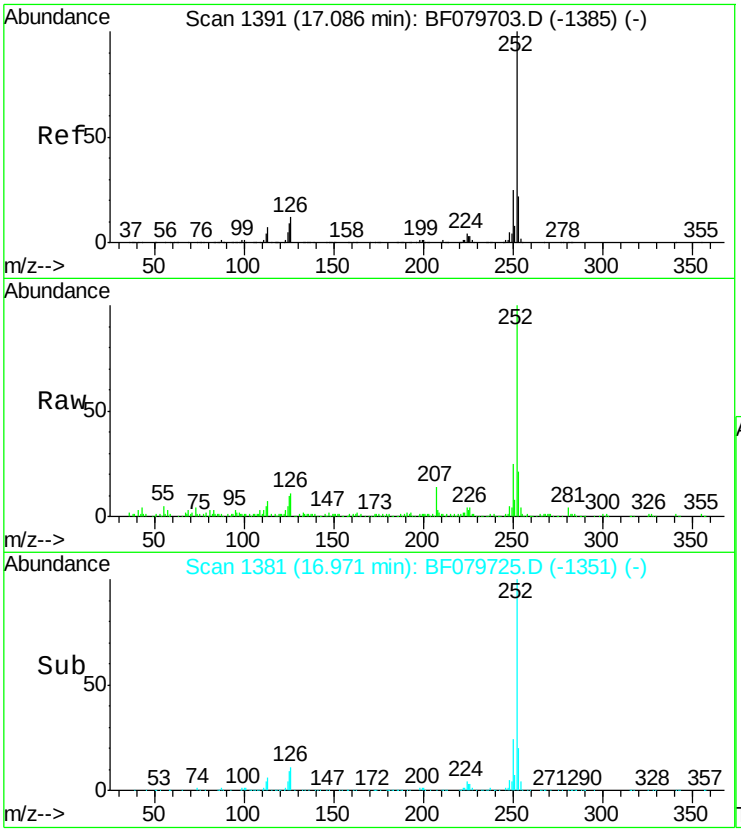


#88
Benzo(k)fluoranthene
Concen: 3.55 ng m
RT: 16.50 min Scan# 1340
Delta R.T. 0.13 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:252 Resp: 97862

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	11.1	8.4	12.6



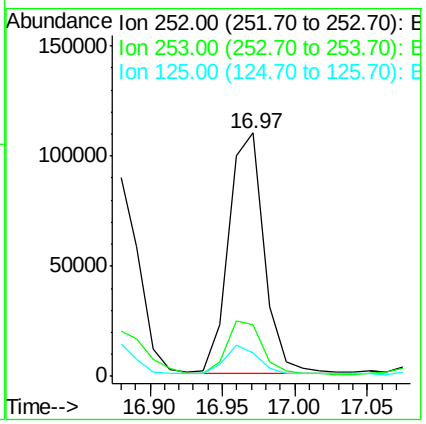


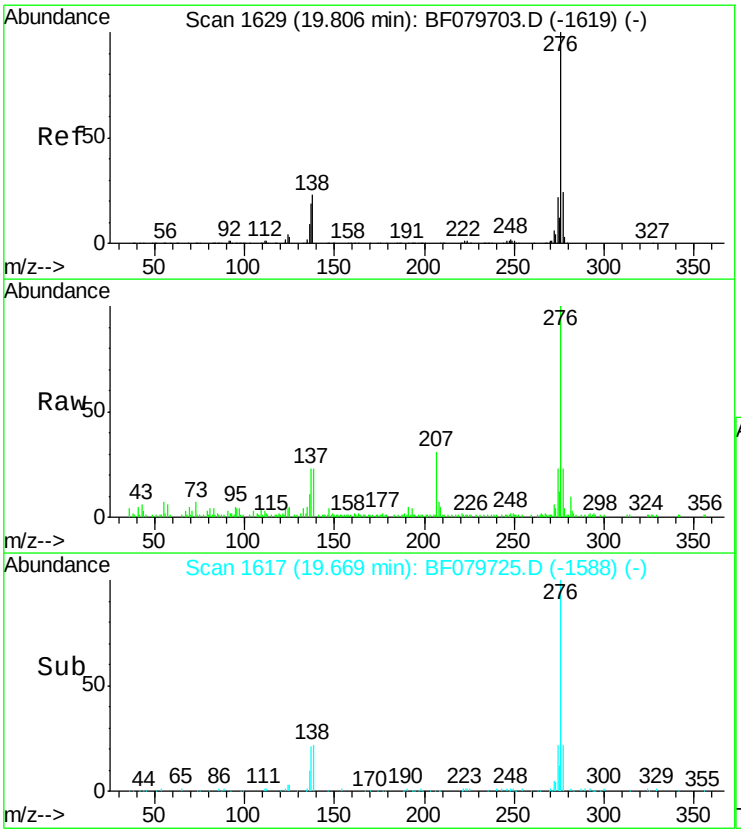
#89
Benzo(a)pyrene
Concen: 7.07 ng
RT: 16.97 min Scan# 1381
Delta R.T. 0.14 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:252 Resp: 186658

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	9.7	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 5.39 ng
RT: 19.67 min Scan# 1617
Delta R.T. 0.14 min
Lab File: BF079725.D
Acq: 5 Jun 2015 4:14

Tgt Ion:276 Resp: 134441

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	23.3	18.2	27.2