Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079210.D
Acq On : 13 May 2015 23:07
Operator : TP/IZ
Sample : G2215-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-41S

Quant Time: May 14 01:21:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 00:58:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	46801	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	190552	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	99629	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	199398	20.00	ng		-0.01
75) Chrysene-d12	16.11	240	233191	20.00	ng		-0.05
86) Perylene-d12	17.83	264	253744	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	274999	101.15	ng		0.00
7) Phenol-d6	6.80	99	369819	102.90	ng		0.00
23) Nitrobenzene-d5	7.92	82	196046	59.13	ng		-0.01
41) 2,4,6-Tribromophenol	11.97	330	111896	103.82	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	423715	59.25	ng		0.00
78) Terphenyl-d14	14.82	244	546055	56.06	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.66	163	48428	6.62	ng		100
70) Phenanthrene	12.86	178	47071	4.22	ng		98
74) Fluoranthene	14.33	202	97181	8.36	ng		99
77) Pyrene	14.62	202	95469	7.10	ng		97
80) Benzo(a)anthracene	16.10	228	64419	5.04	ng		96
82) Chrysene	16.15	228	51224	4.17	ng		95
83) Bis(2-ethylhexyl)phthalate	16.16	149	18719	2.10	ng		99
88) Benzo(k)fluoranthene	17.39	252	102067	7.59	ng		99
89) Benzo(a)pyrene	17.76	252	55010	4.30	ng	#	93
91) Benzo(g,h,i)perylene	19.68	276	39186	2.88	ng		96

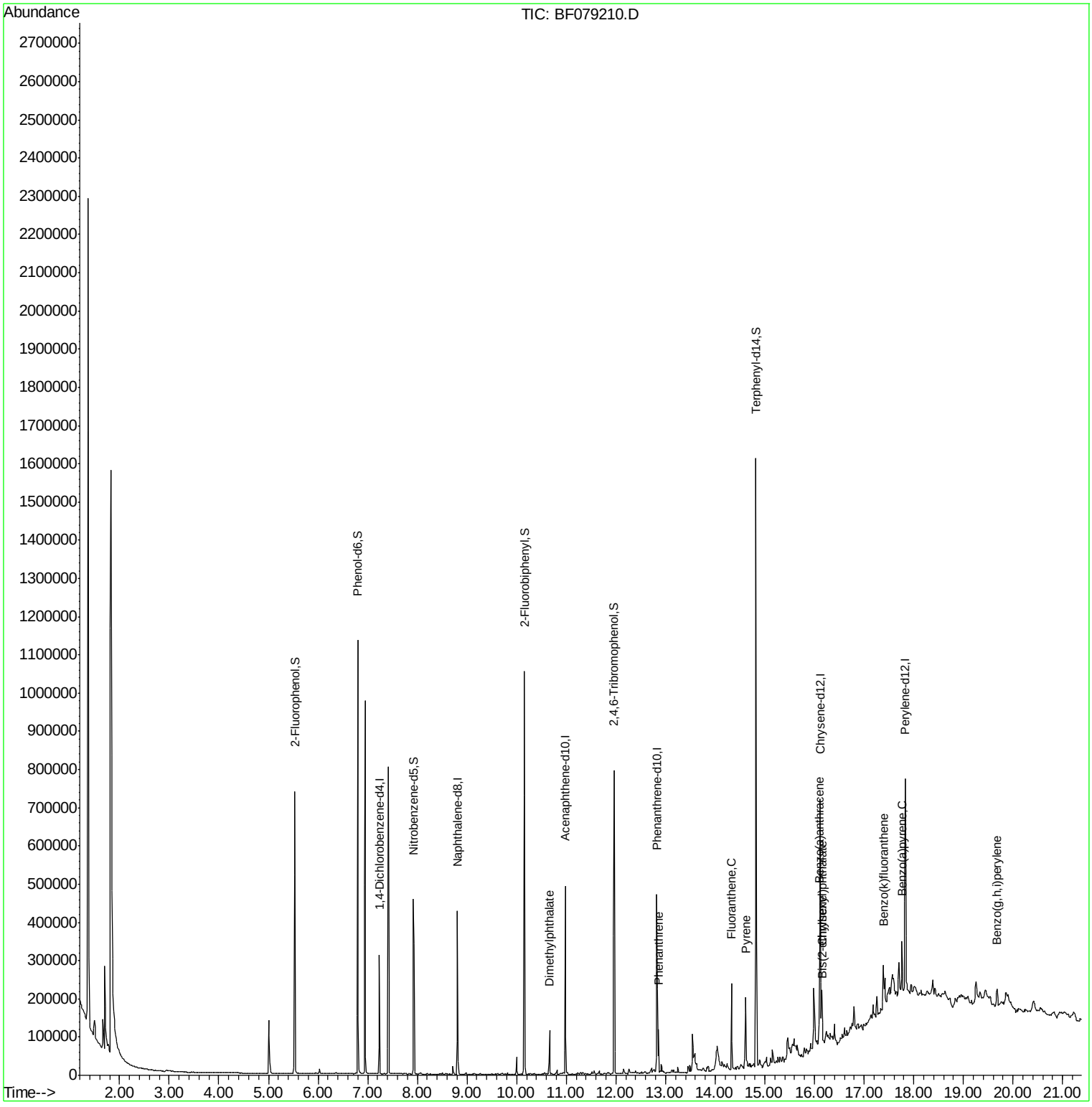
(#) = qualifier out of range (m) = manual integration (+) = signals summed

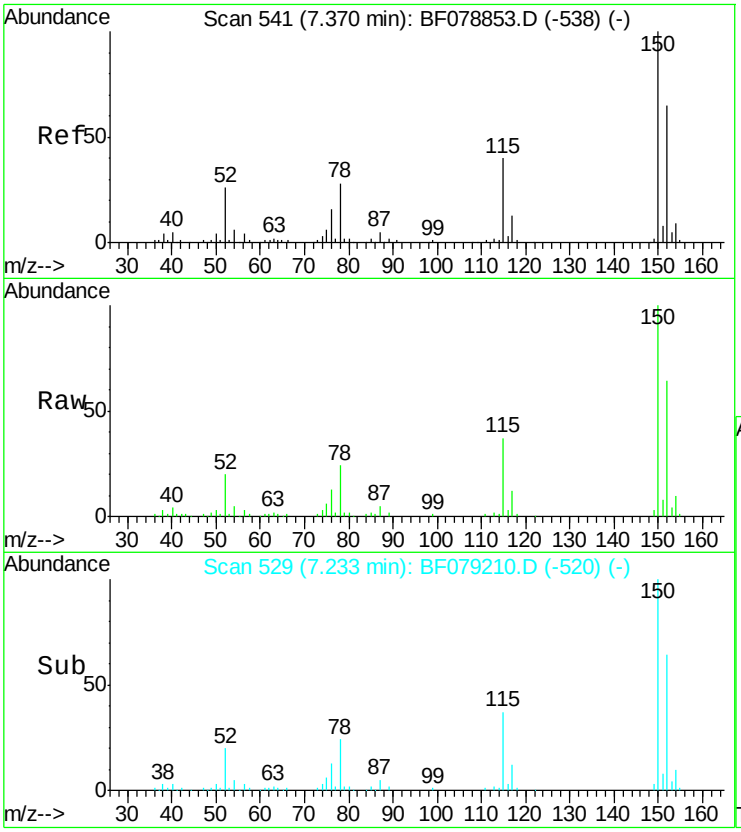
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079210.D
Acq On : 13 May 2015 23:07
Operator : TP/IZ
Sample : G2215-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41S

Quant Time: May 14 01:21:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 00:58:22 2015
Response via : Initial Calibration



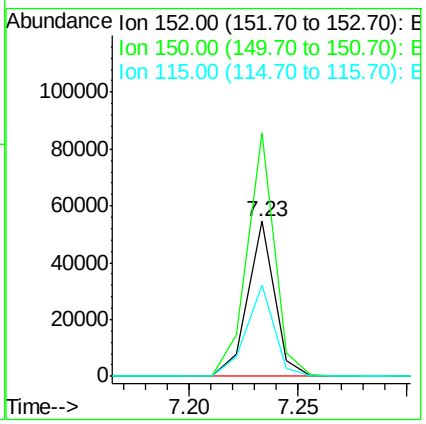


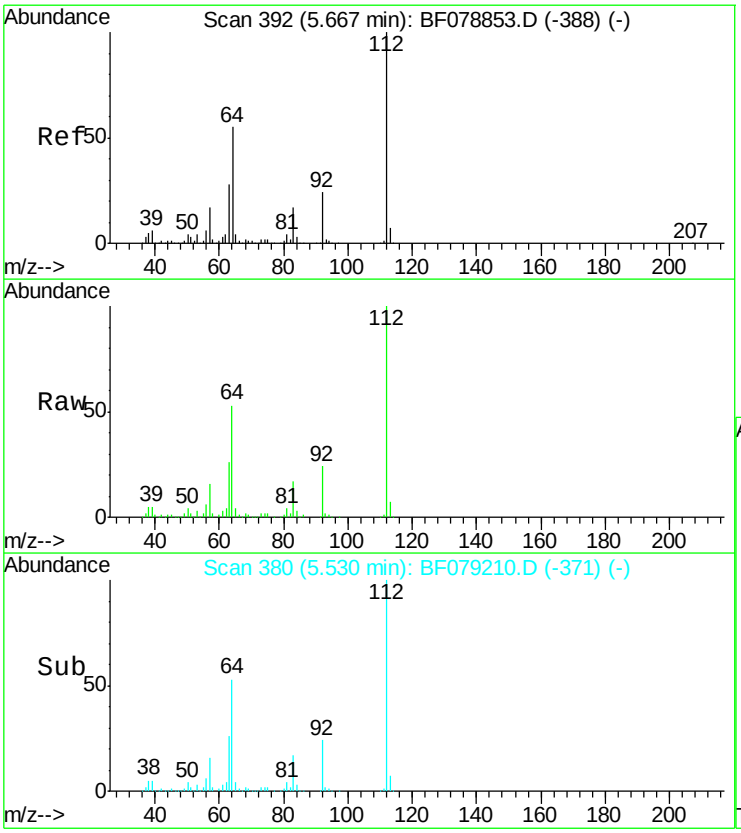
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:152 Resp: 46801

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.0	183.0
115	58.8	46.3	69.5

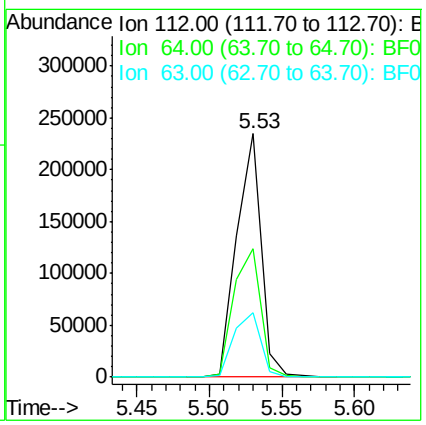


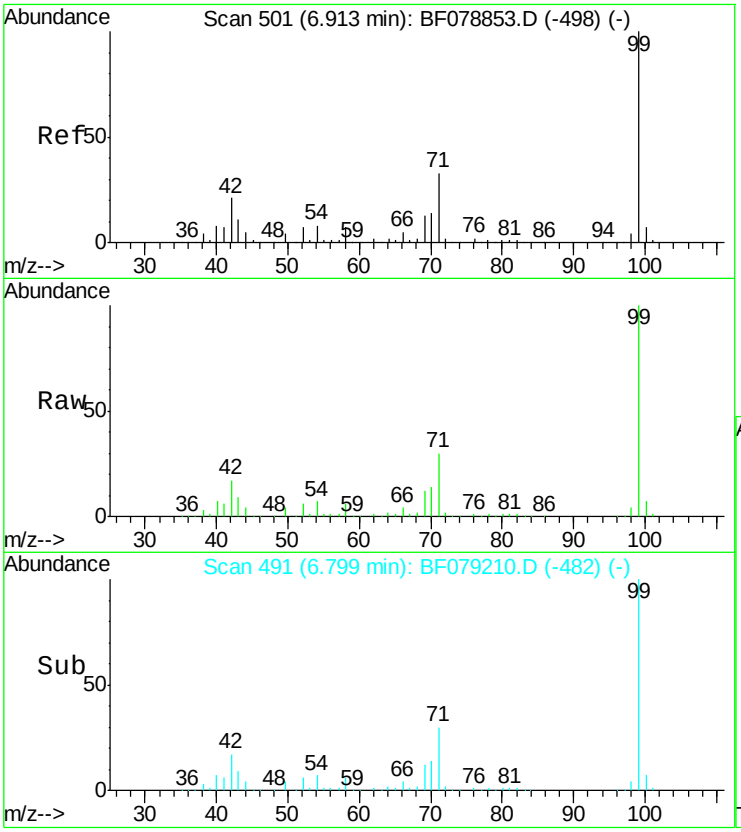


#5
2-Fluorophenol
Concen: 101.15 ng
RT: 5.53 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:112 Resp: 274999

Ion	Ratio	Lower	Upper
112	100		
64	52.6	53.5	80.3#
63	26.2	27.5	41.3#



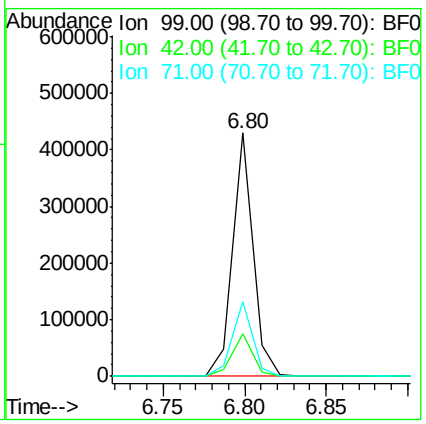


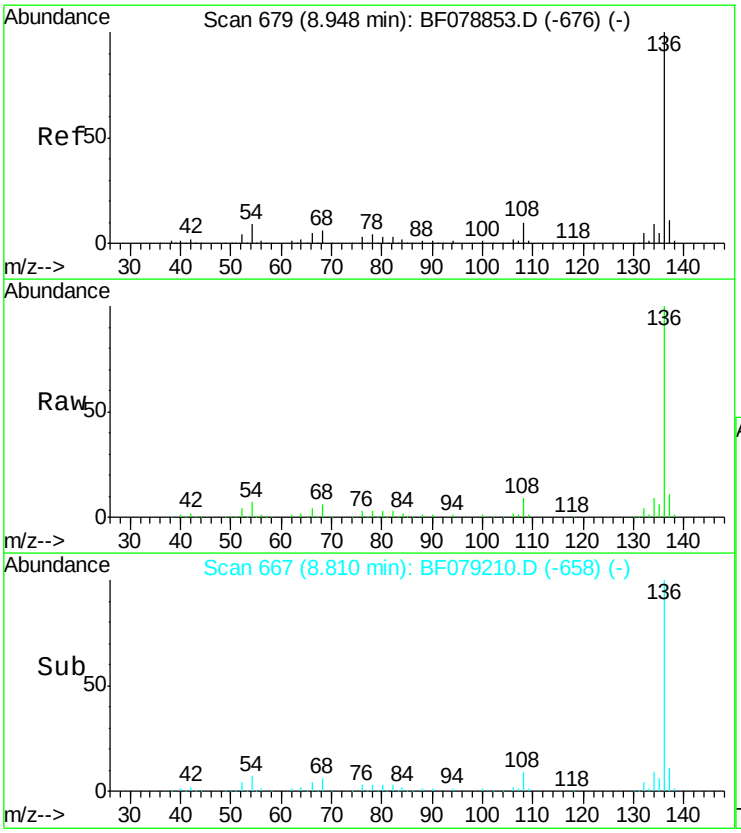
#7
Phenol-d6
Concen: 102.90 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion: 99 Resp: 369819

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.8	19.2
71	30.5	23.4	35.2

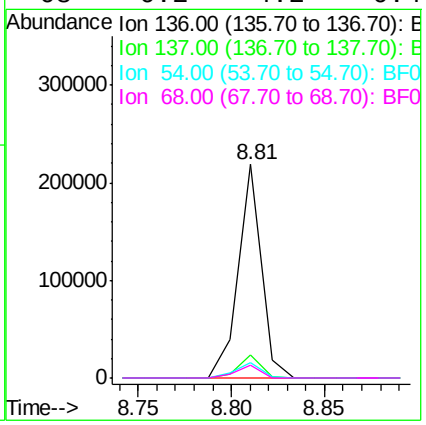


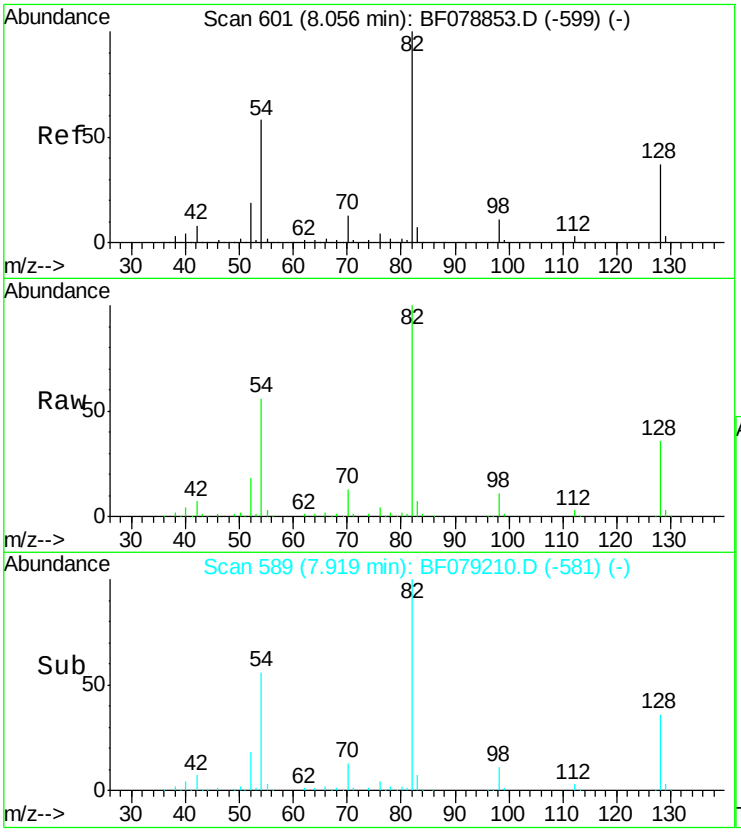


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:136 Resp: 190552

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.4	5.8	8.8
68	6.2	4.2	6.4



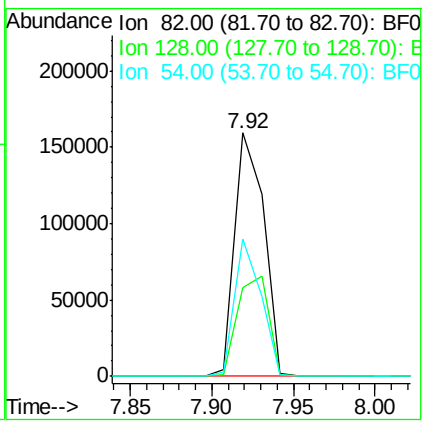


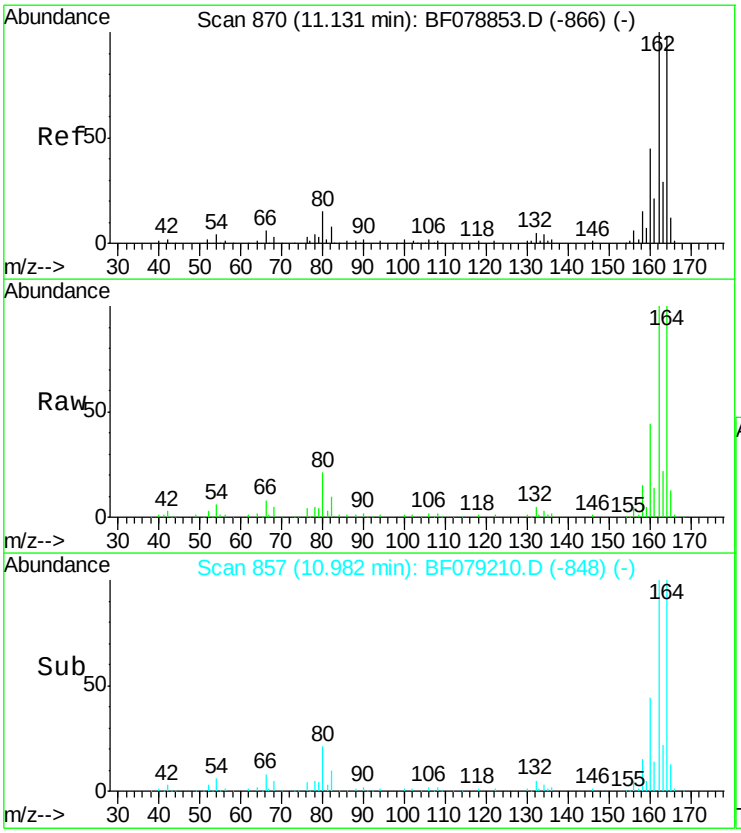
#23
Nitrobenzene-d5
Concen: 59.13 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion: 82 Resp: 196046

Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.0	45.0
54	56.4	46.4	69.6

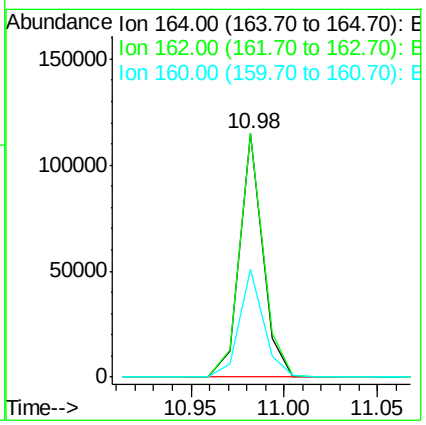


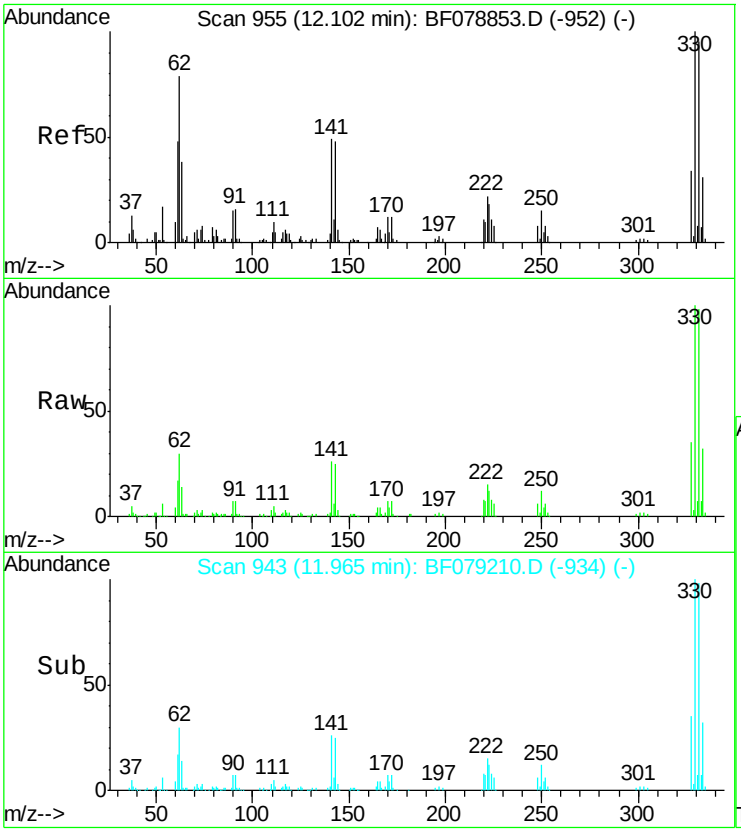


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:164 Resp: 99629

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.7	124.1
160	44.2	35.8	53.8



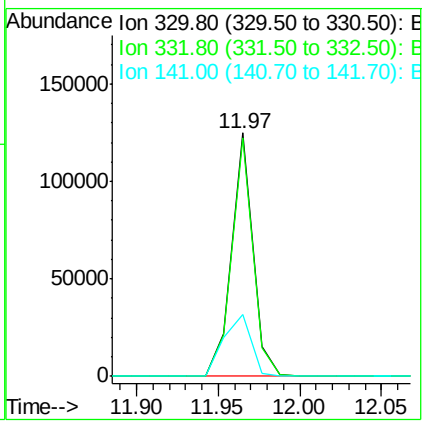


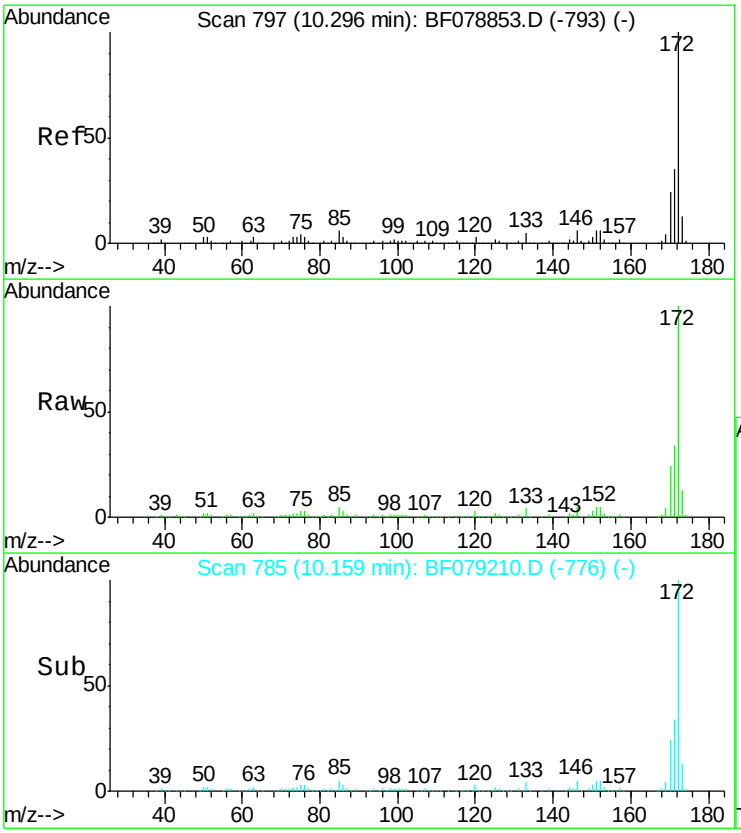
#41
2,4,6-Tribromophenol
Concen: 103.82 ng
RT: 11.97 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:330 Resp: 111896

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	33.1	0.0	0.0#

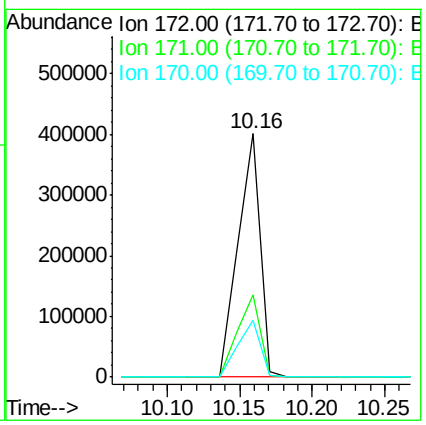


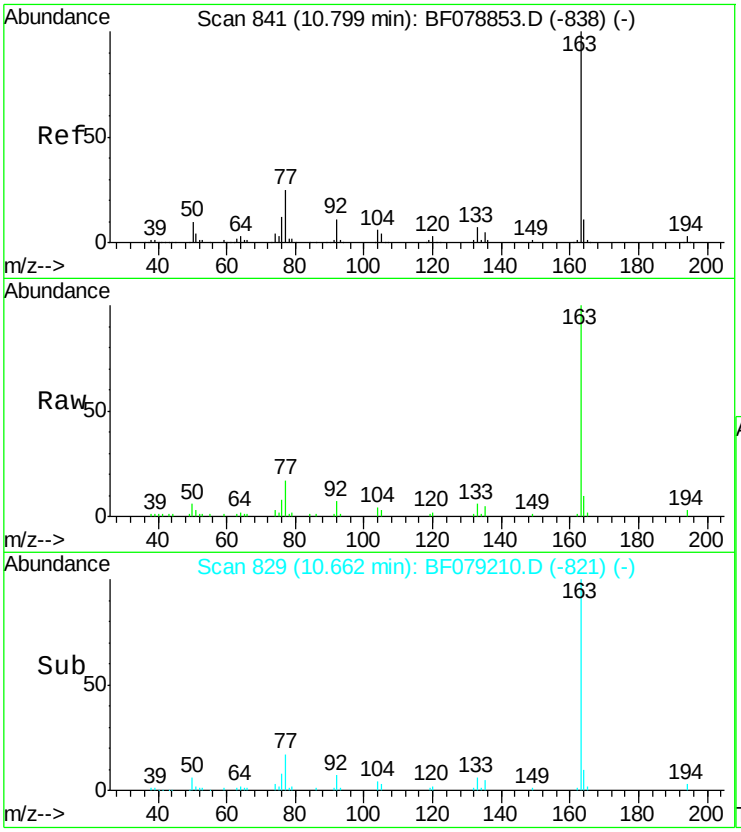


#44
2-Fluorobiphenyl
Concen: 59.25 ng
RT: 10.16 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:172 Resp: 423715

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	23.5	19.4	29.0



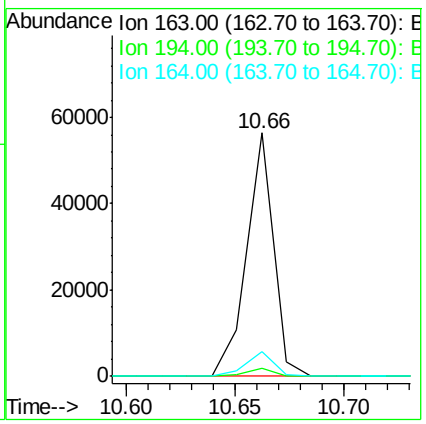


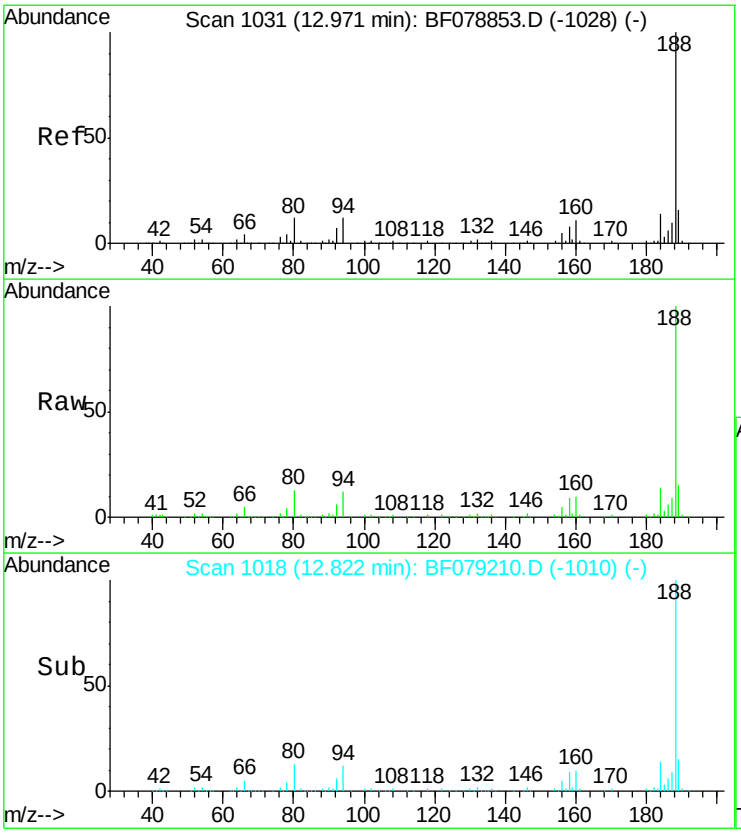
#49
Dimethylphthalate
Concen: 6.62 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:163 Resp: 48428

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.1	12.1

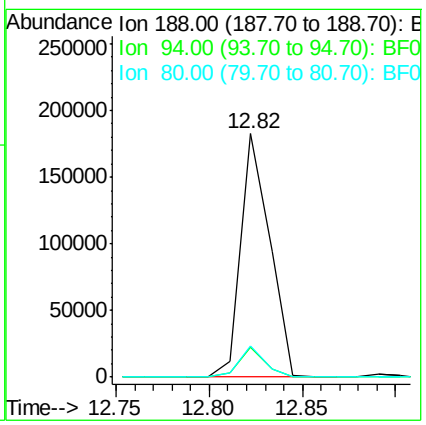


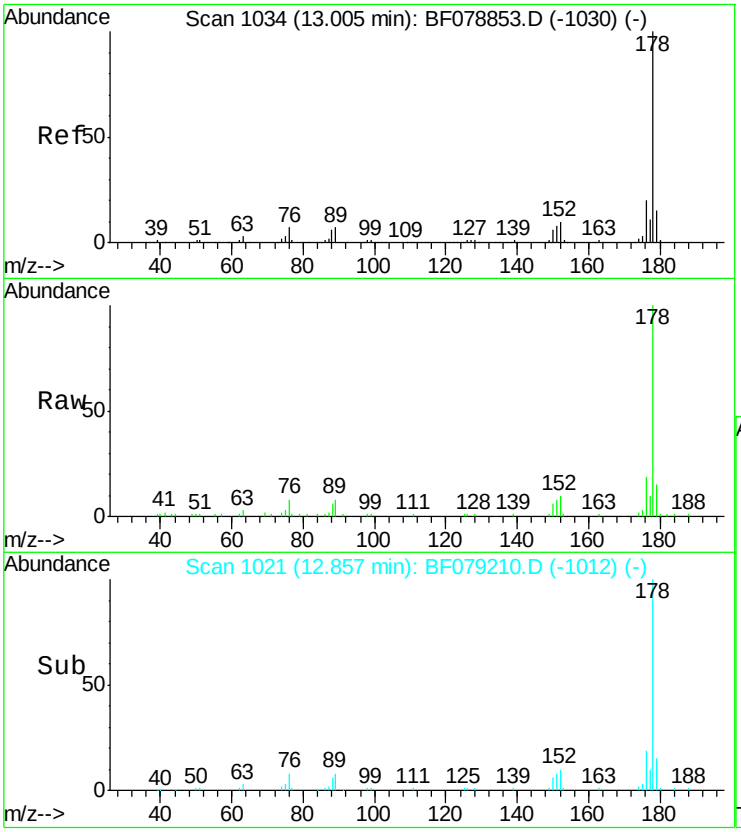


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:188 Resp: 199398

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.2	12.2#
80	12.8	8.9	13.3



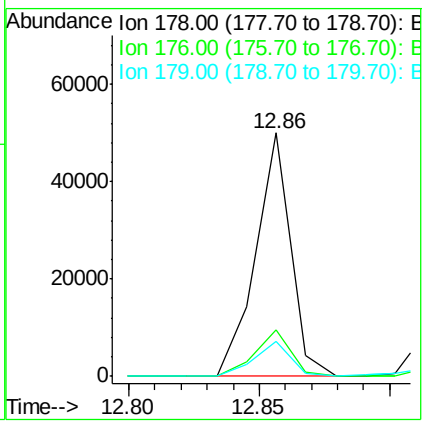


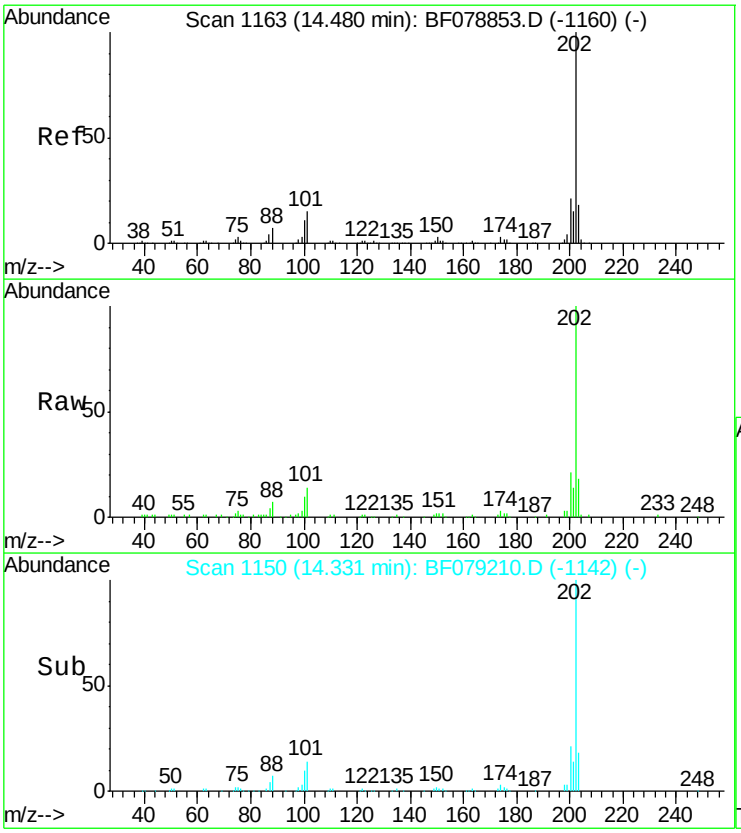
#70
Phenanthrene
Concen: 4.22 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:178 Resp: 47071

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.6	12.5	18.7

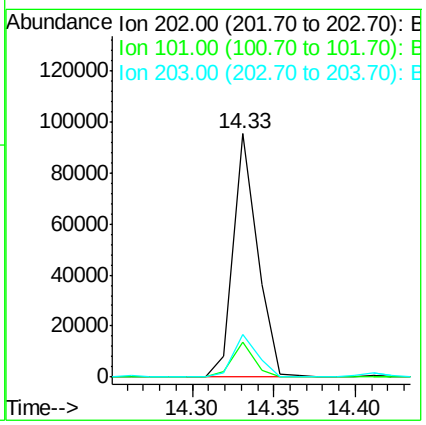


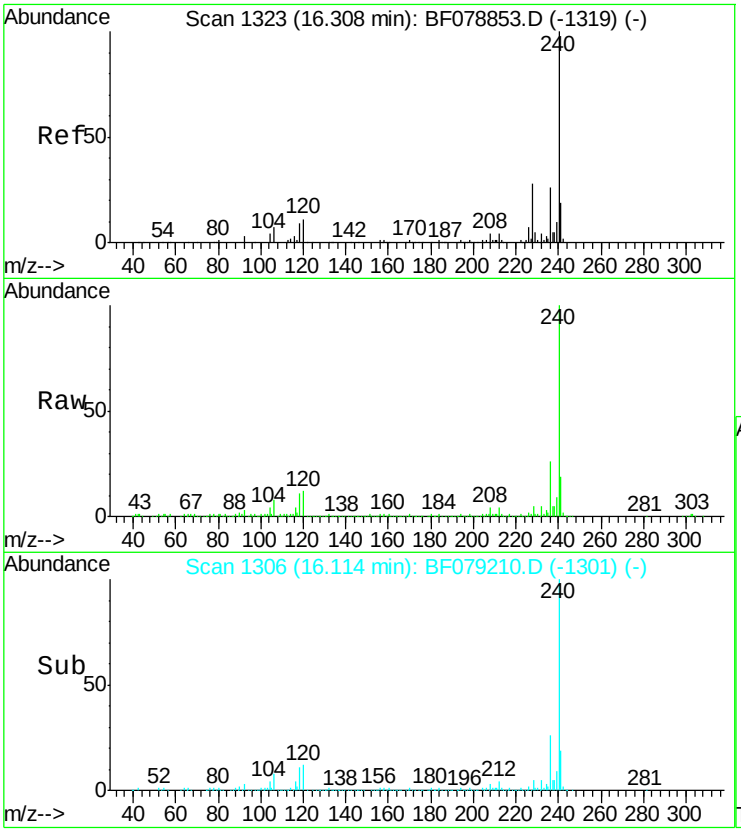


#74
Fluoranthene
Concen: 8.36 ng
RT: 14.33 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:202 Resp: 97181

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	17.7	0.0	38.4



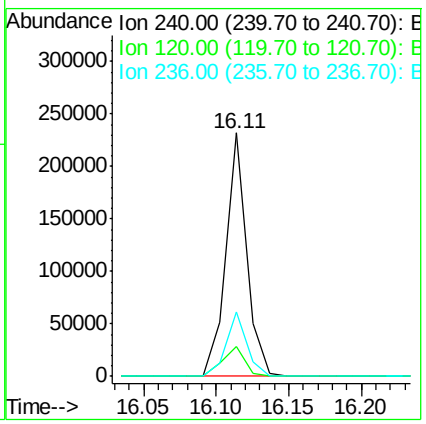


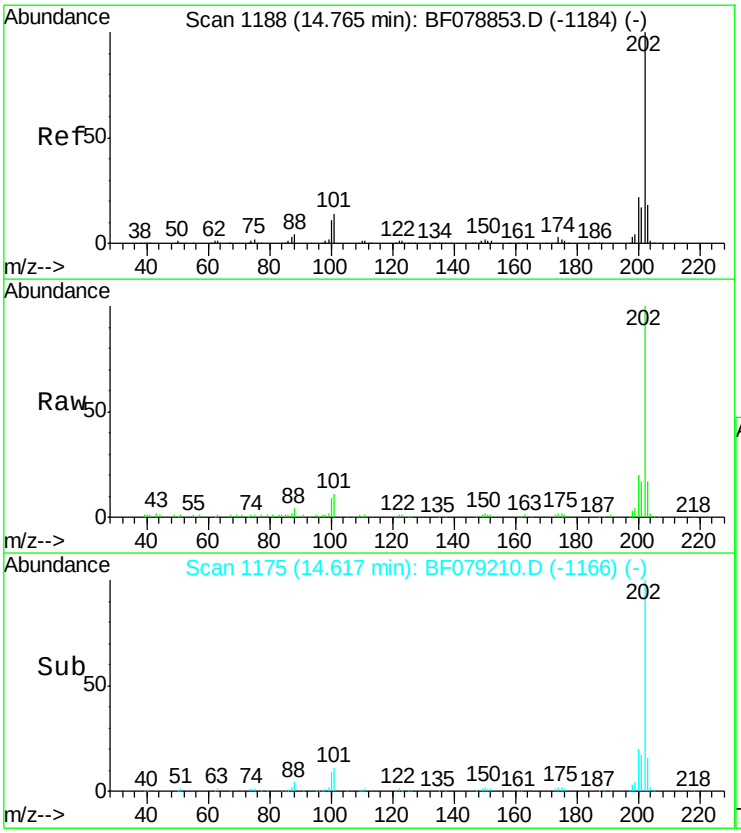
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.05 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:240 Resp: 233191

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	26.3	20.2	30.4

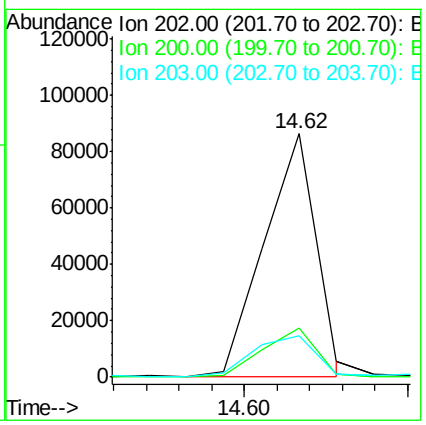


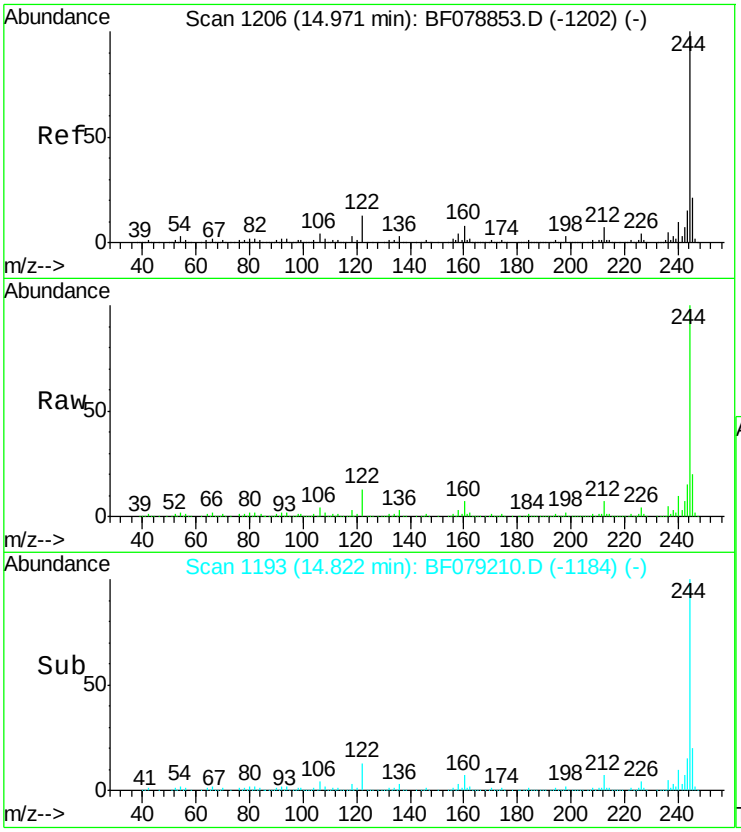


#77
Pyrene
Concen: 7.10 ng
RT: 14.62 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:202 Resp: 95469

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.5	26.3
203	16.9	13.9	20.9



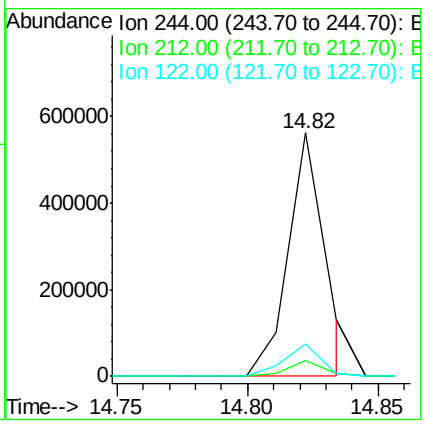


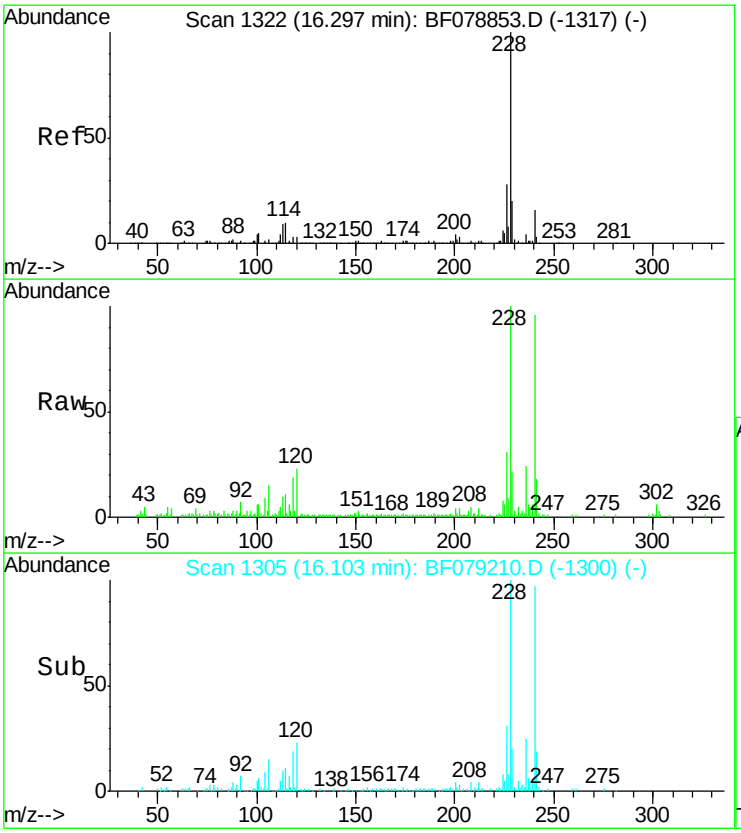
#78
Terphenyl-d14
Concen: 56.06 ng
RT: 14.82 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:244 Resp: 546055

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	13.4	10.3	15.5

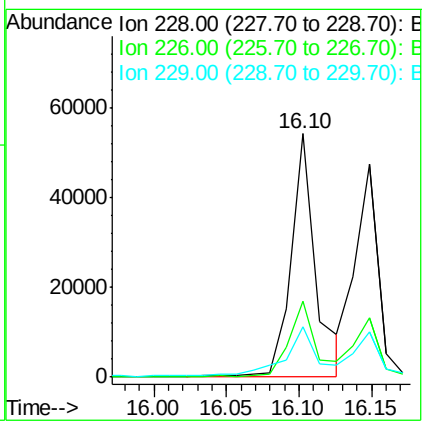


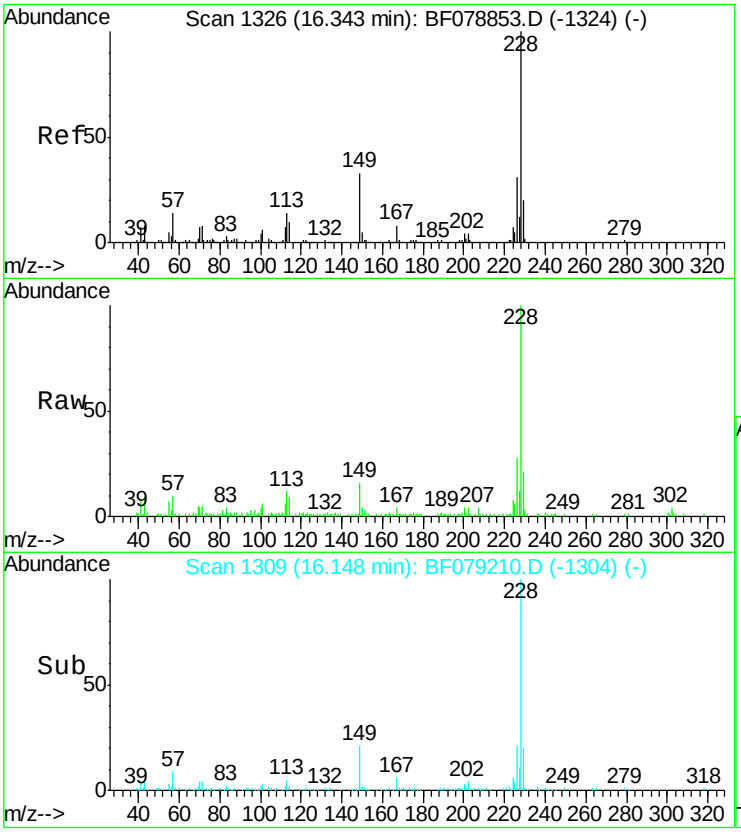


#80
Benzo(a)anthracene
Concen: 5.04 ng
RT: 16.10 min Scan# 1305
Delta R.T. -0.05 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:228 Resp: 64419

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	20.8	15.9	23.9



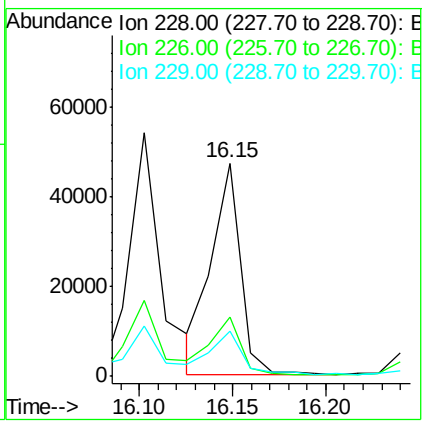


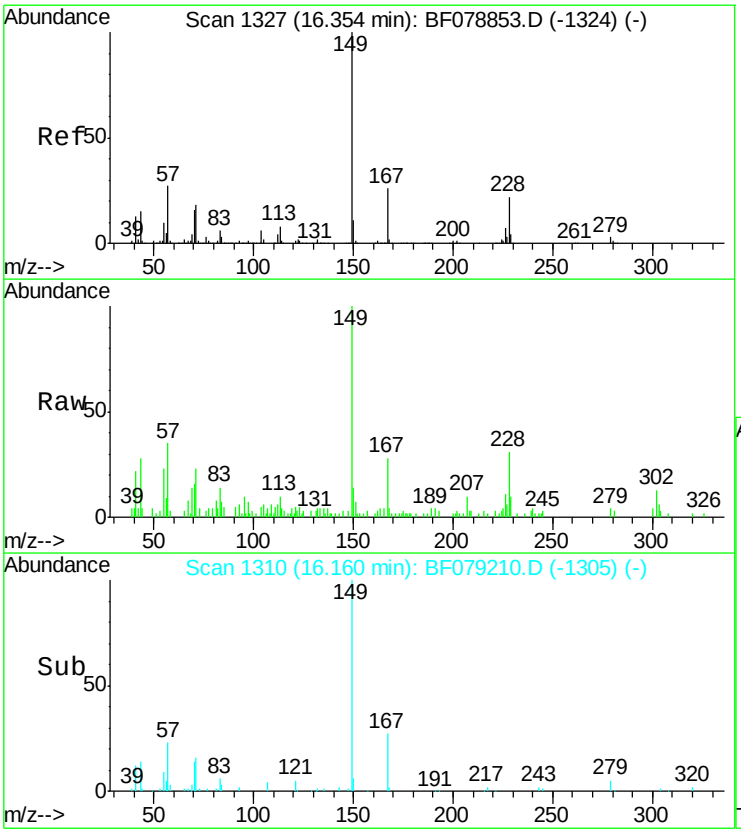
#82
Chrysene
Concen: 4.17 ng
RT: 16.15 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:228 Resp: 51224

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.9	37.3
229	21.4	16.0	24.0

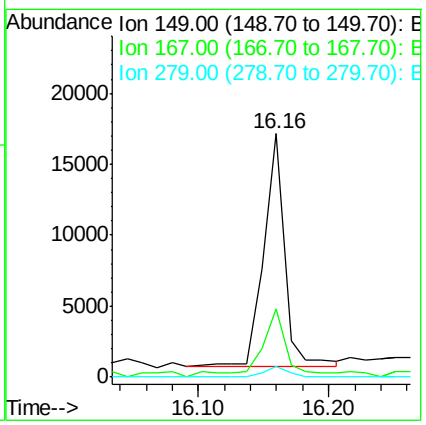


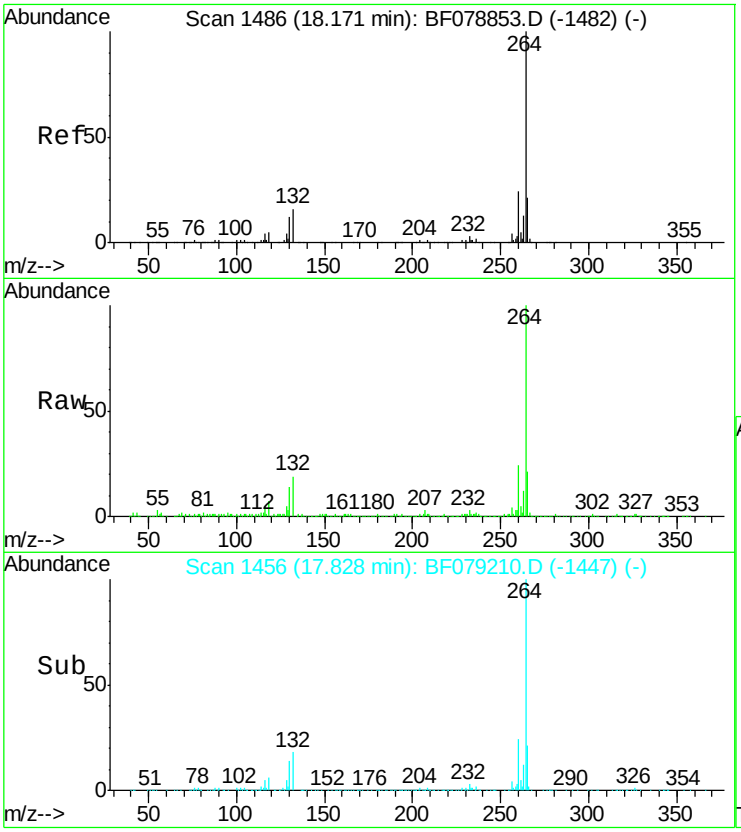


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.10 ng
RT: 16.16 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:149 Resp: 18719

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.3	2.9	4.3



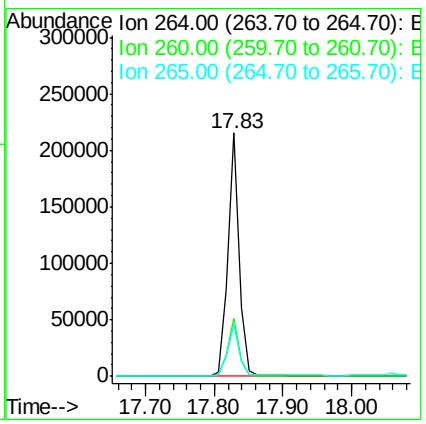


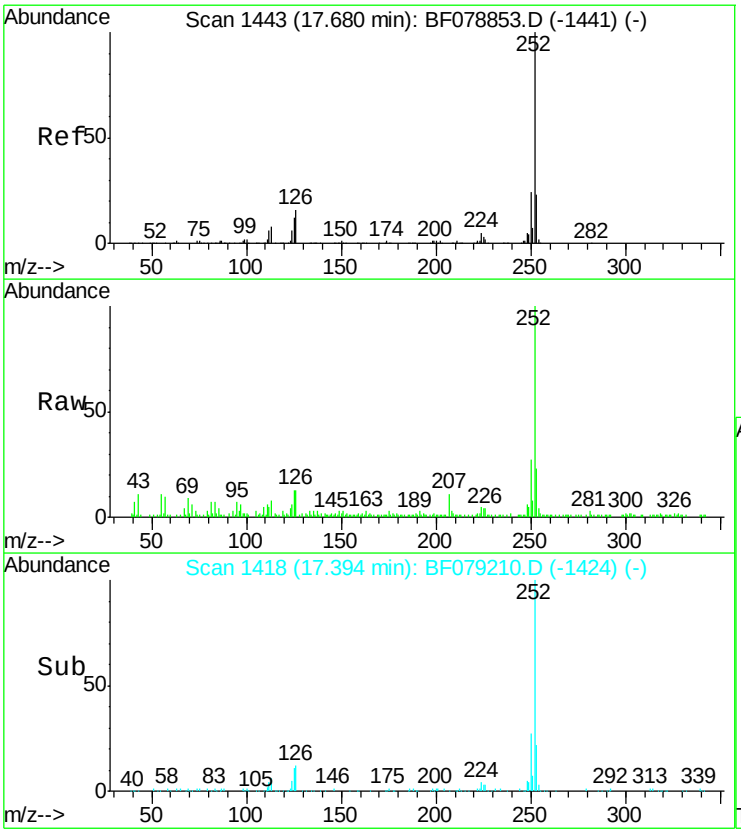
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. -0.19 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:264 Resp: 253744

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.2	18.3	27.5

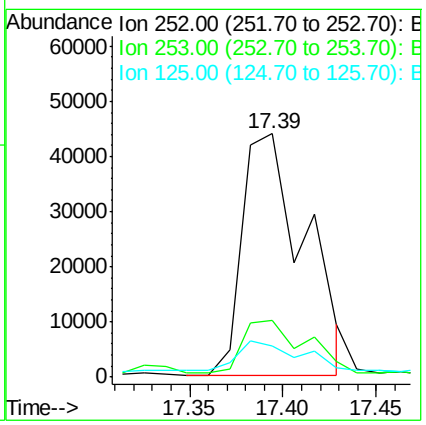


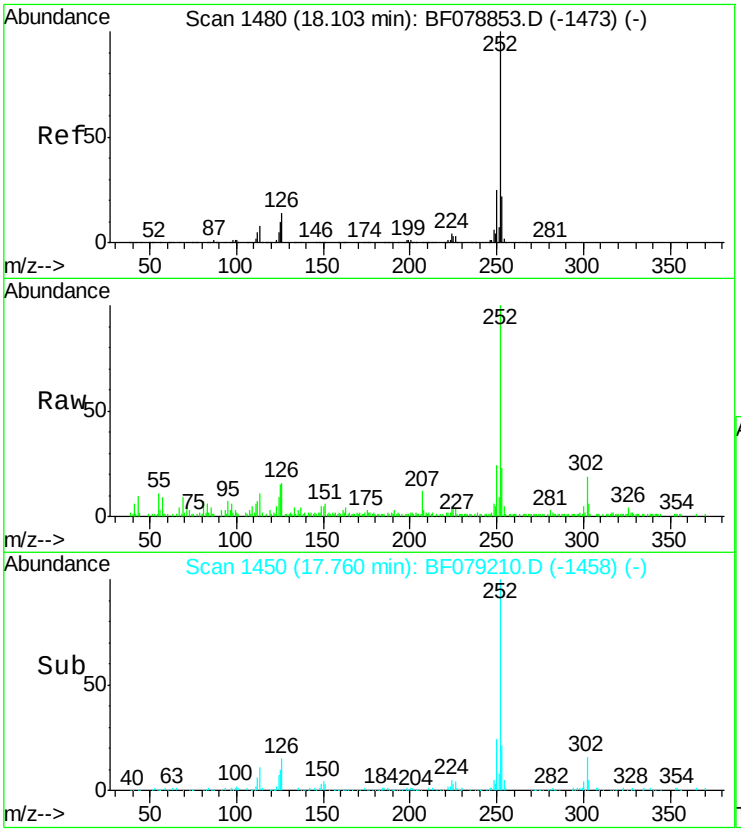


#88
Benzo(k)fluoranthene
Concen: 7.59 ng
RT: 17.39 min Scan# 1418
Delta R.T. -0.17 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:252 Resp: 102067

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.7	10.0	15.0



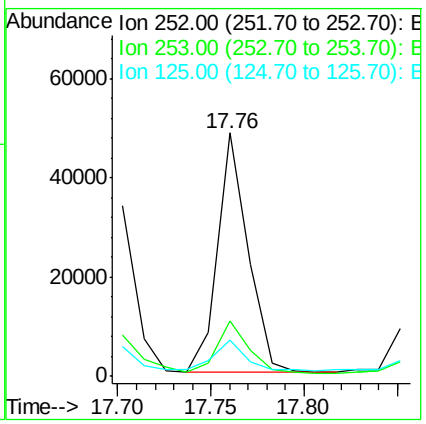


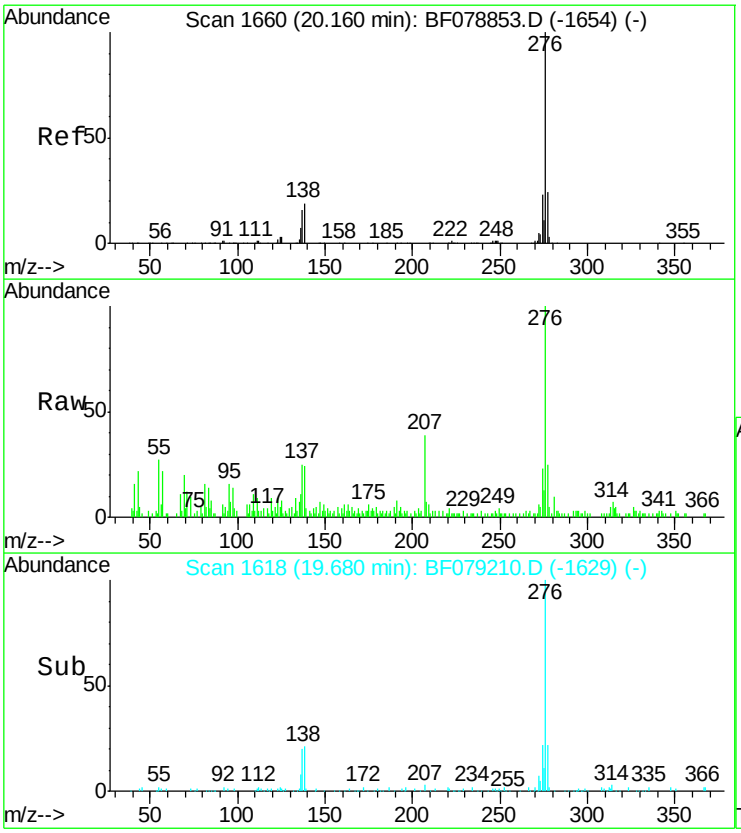
#89
Benzo(a)pyrene
Concen: 4.30 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.19 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tgt Ion:252 Resp: 55010

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.7	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 2.88 ng
RT: 19.68 min Scan# 1618
Delta R.T. -0.23 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion:276 Resp: 39186

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	24.1	17.4	26.0