Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078531.D
Acq On : 15 Apr 2015 8:41
Operator : TP/IZ
Sample : G1823-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-5DL

Quant Time: Apr 15 08:47:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	26071	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	114372	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	60449	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	126313	20.00	ng		0.00
75) Chrysene-d12	15.62	240	145236	20.00	ng		-0.03
86) Perylene-d12	17.36	264	147892	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	28746	18.18	ng		0.01
7) Phenol-d6	6.41	99	39192	19.78	ng		0.00
23) Nitrobenzene-d5	7.51	82	20466	10.85	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	9697	19.34	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	49690	11.75	ng		0.00
78) Terphenyl-d14	14.35	244	67666	10.53	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.39	178	87076	11.92	ng		100
71) Anthracene	12.46	178	25247	3.51	ng		98
74) Fluoranthene	13.85	202	193606	25.13	ng		96
77) Pyrene	14.13	202	175718	19.27	ng	#	92
80) Benzo(a)anthracene	15.61	228	112183	12.98	ng		98
82) Chrysene	15.66	228	88396	10.89	ng		97
85) Indeno(1,2,3-cd)pyrene	18.61	276	49357m	5.36	ng		
87) Benzo(b)fluoranthene	16.91	252	114937m	12.57	ng		
88) Benzo(k)fluoranthene	16.93	252	50865m	6.26	ng		
89) Benzo(a)pyrene	17.29	252	82698	10.37	ng	#	95
91) Benzo(g,h,i)perylene	18.95	276	47432m	5.92	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078531.D
Acq On : 15 Apr 2015 8:41
Operator : TP/IZ
Sample : G1823-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Quant Time: Apr 15 08:47:08 2015
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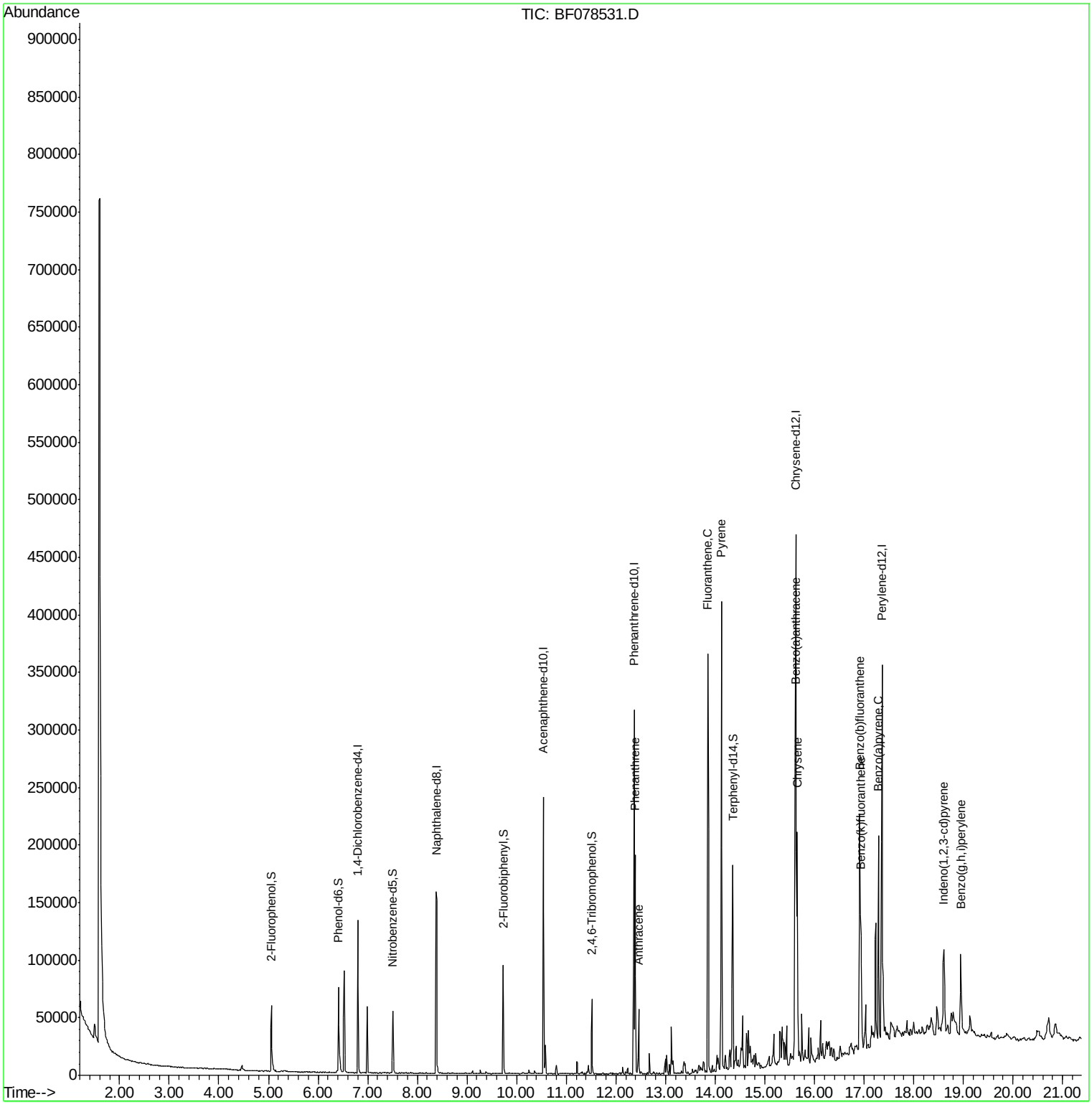
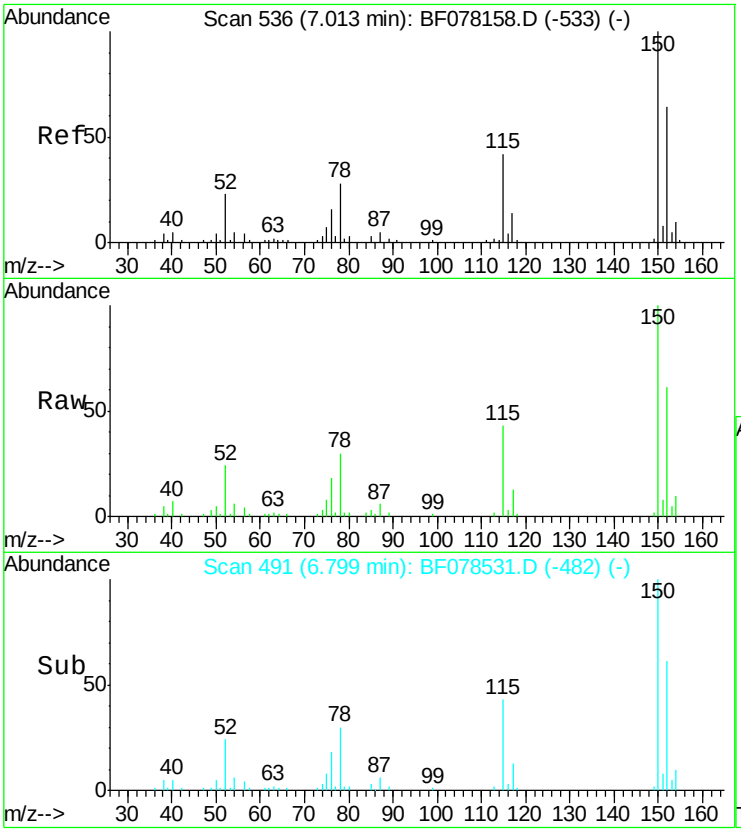


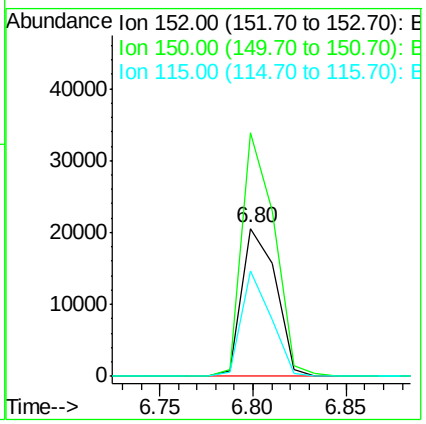


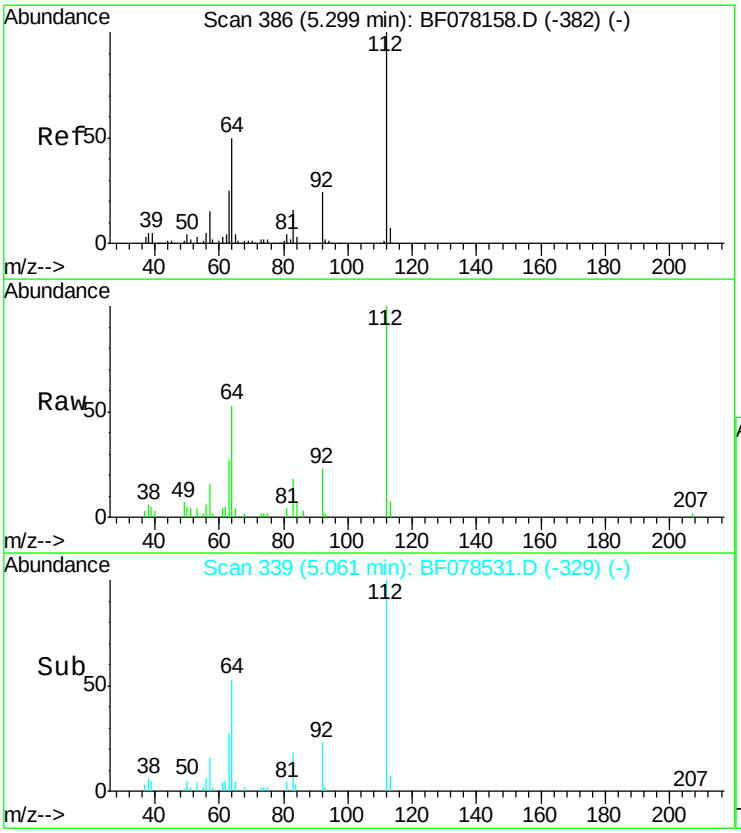
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:152 Resp: 26071

Ion	Ratio	Lower	Upper
152	100		
150	164.3	125.9	188.9
115	71.5	52.7	79.1

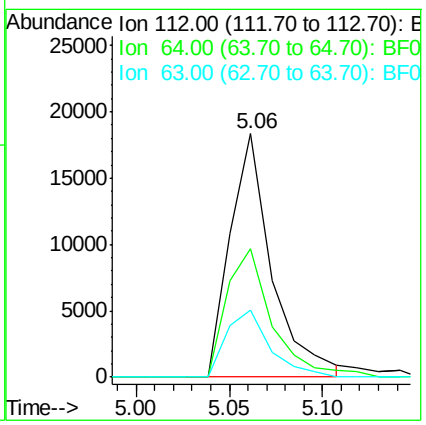


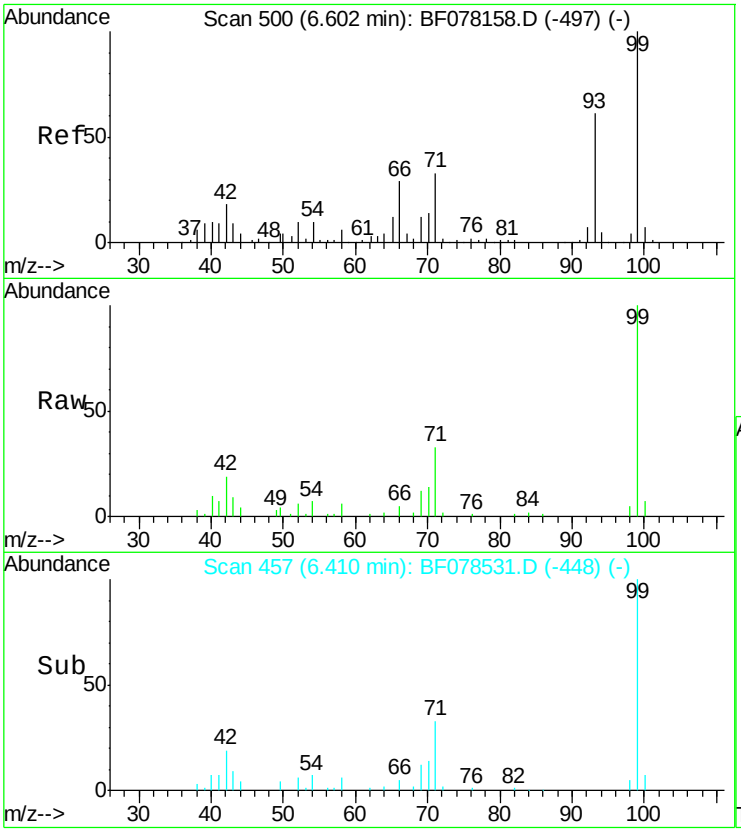


#5
2-Fluorophenol
Concen: 18.18 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:112 Resp: 28746

Ion	Ratio	Lower	Upper
112	100		
64	52.9	39.9	59.9
63	27.2	20.2	30.4



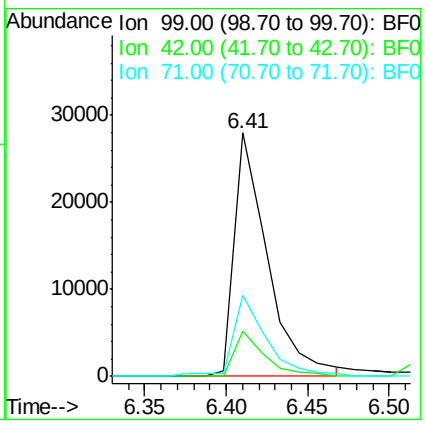


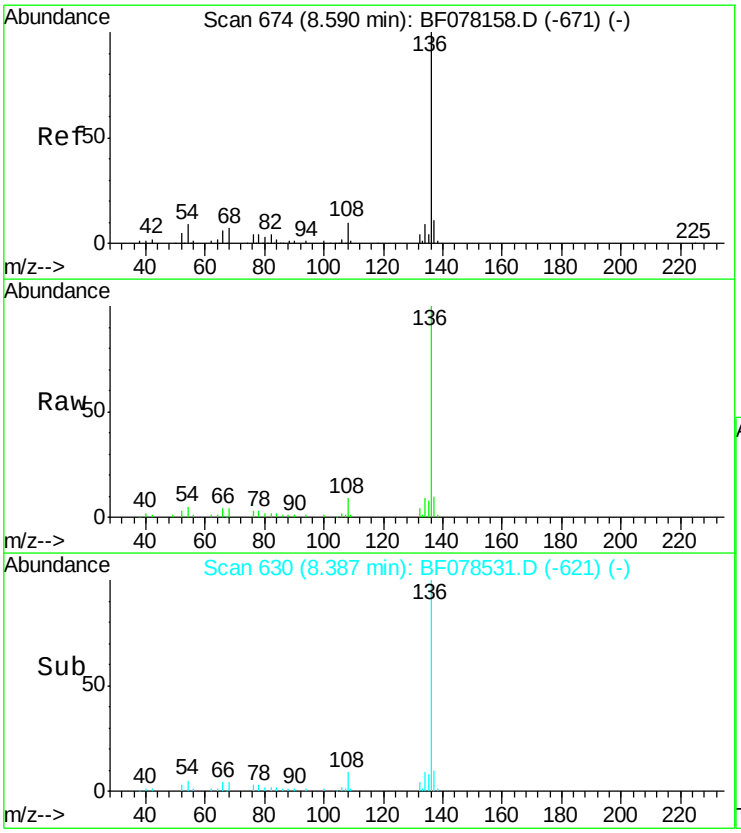
#7
Phenol-d6
Concen: 19.78 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion: 99 Resp: 39192

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.8	22.2
71	33.1	26.6	39.8

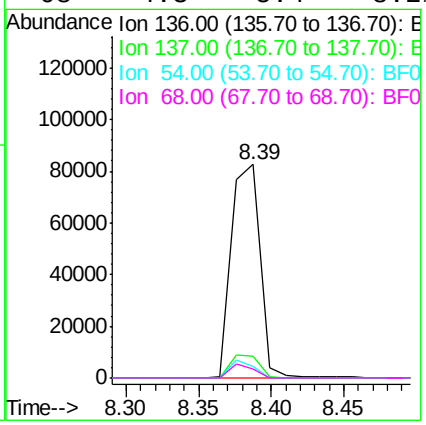


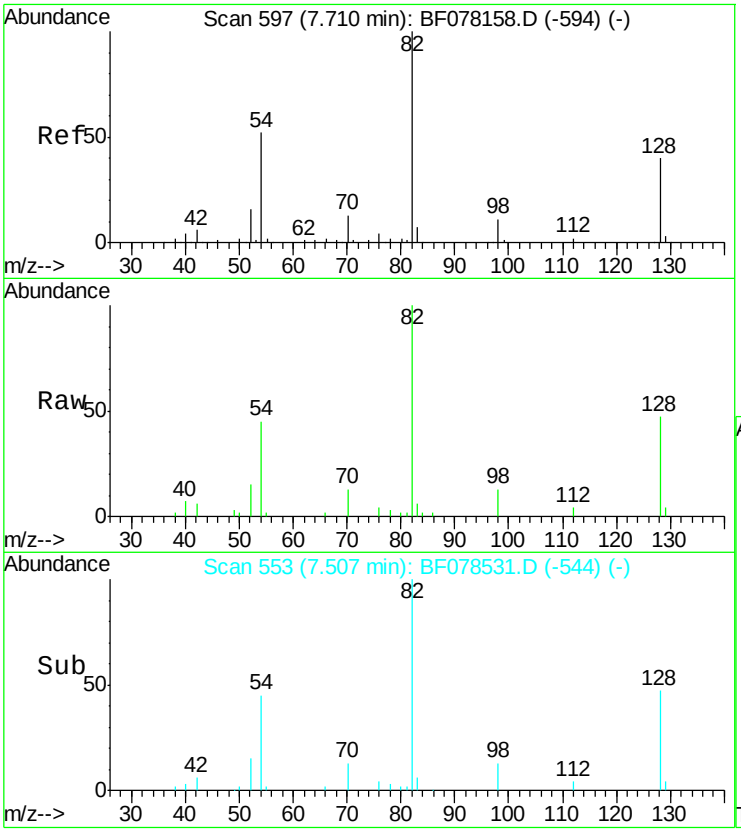


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:136 Resp: 114372

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.2	7.0	10.6#
68	4.3	5.4	8.2#



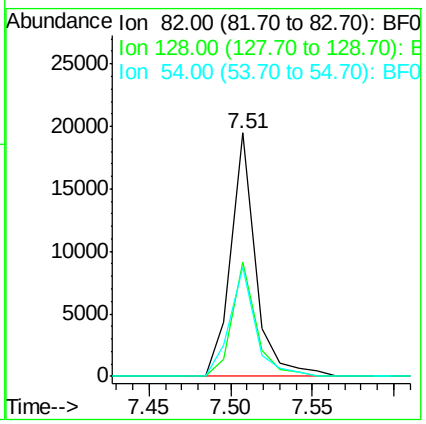


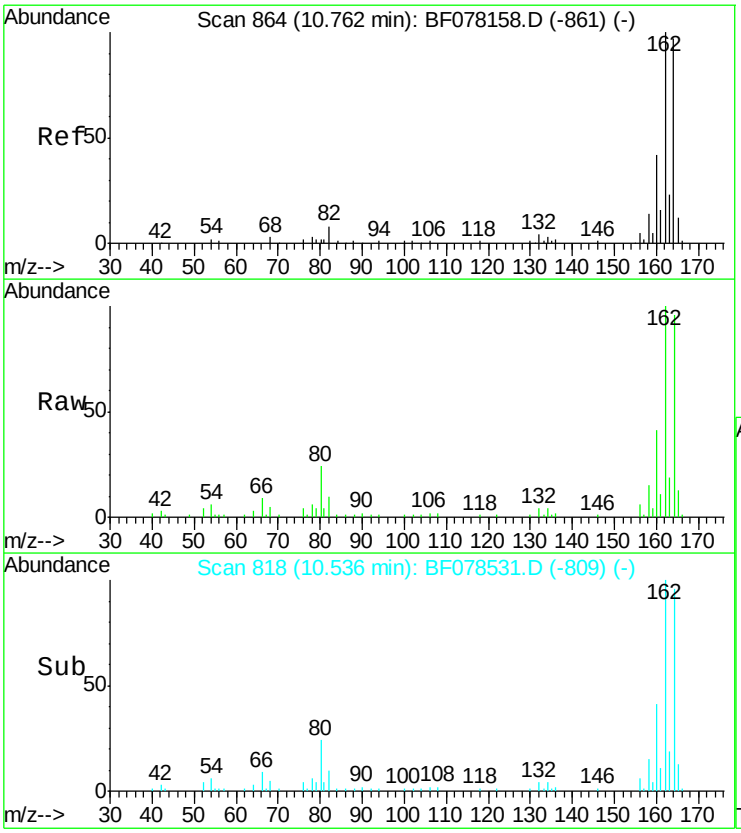
#23
Nitrobenzene-d5
Concen: 10.85 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion: 82 Resp: 20466

Ion	Ratio	Lower	Upper
82	100		
128	47.0	31.8	47.8
54	44.9	41.5	62.3

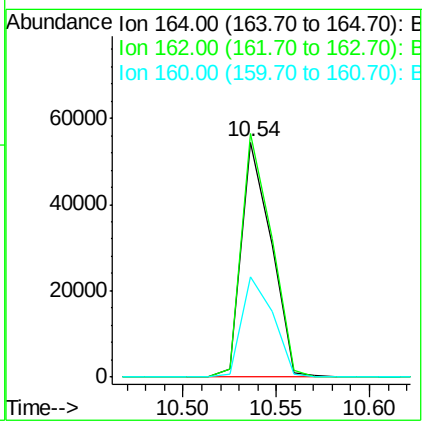


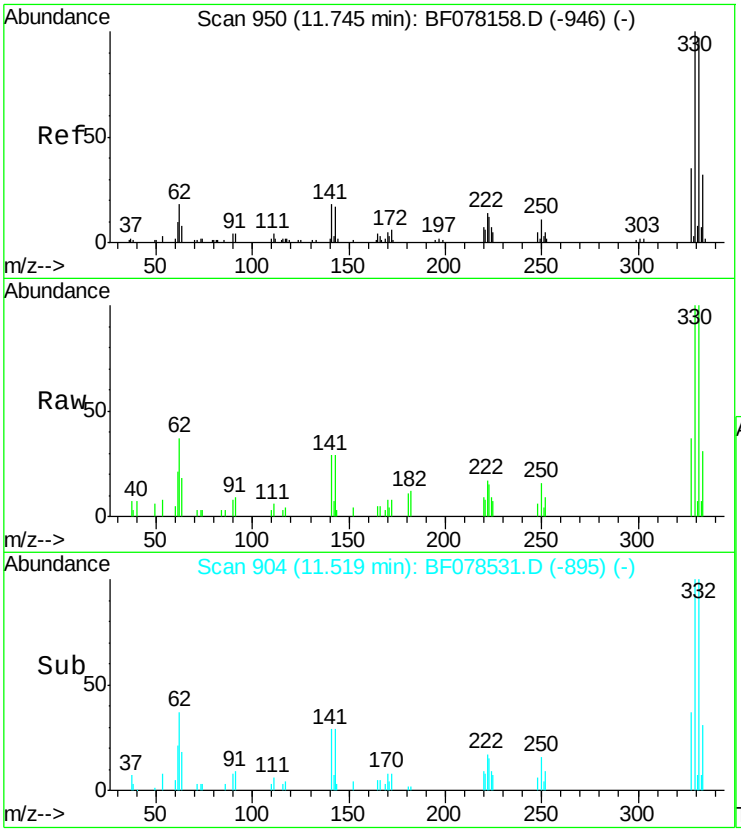


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:164 Resp: 60449

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.2
160	42.7	34.7	52.1



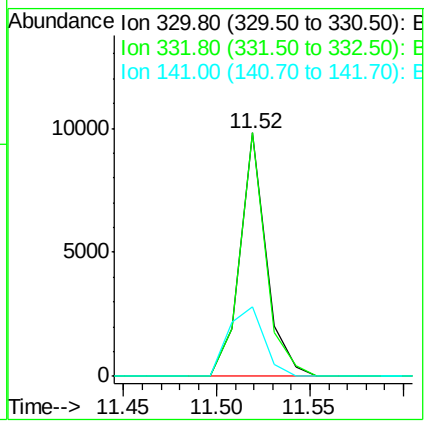


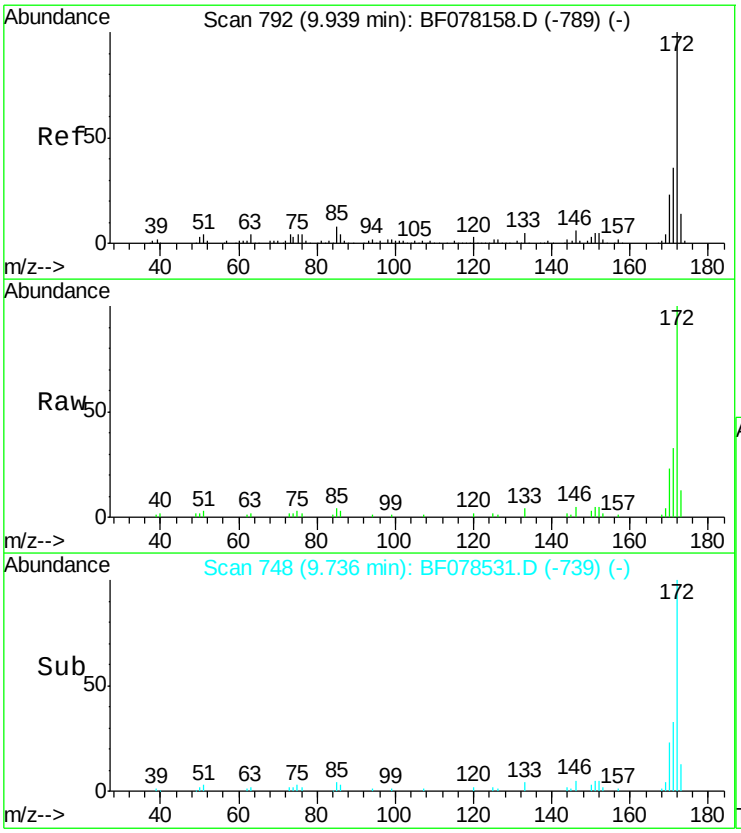
#41
2,4,6-Tribromophenol
Concen: 19.34 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:330 Resp: 9697

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	117.8
141	38.9	31.2	46.8

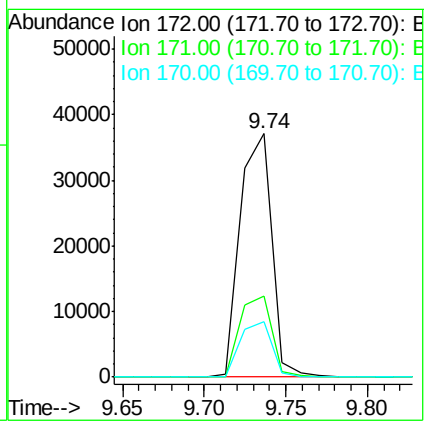


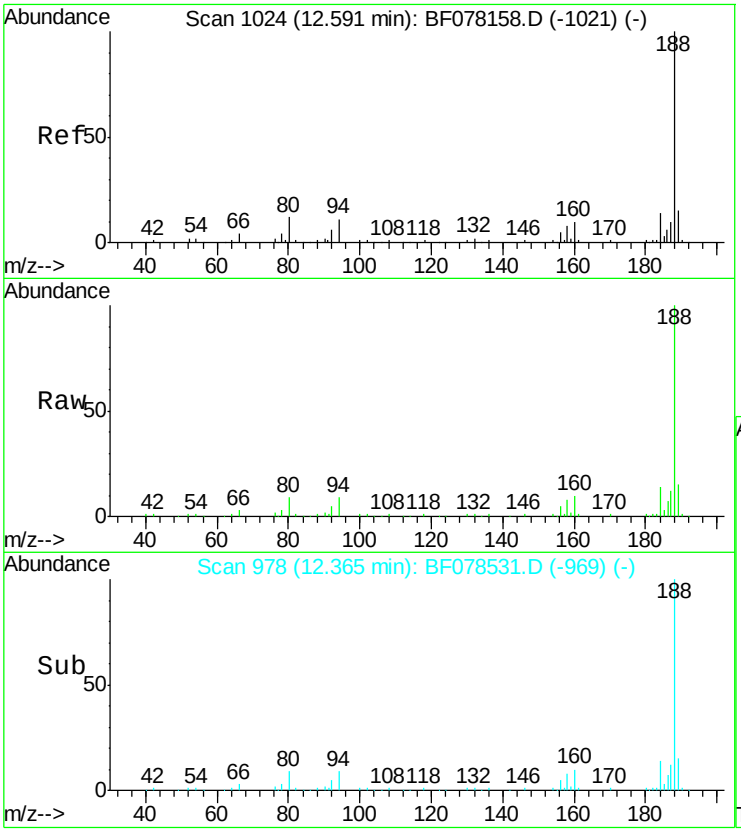


#44
2-Fluorobiphenyl
Concen: 11.75 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:172 Resp: 49690

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	42.8
170	23.0	18.5	27.7



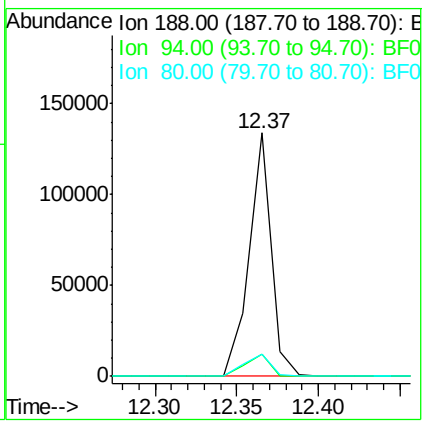


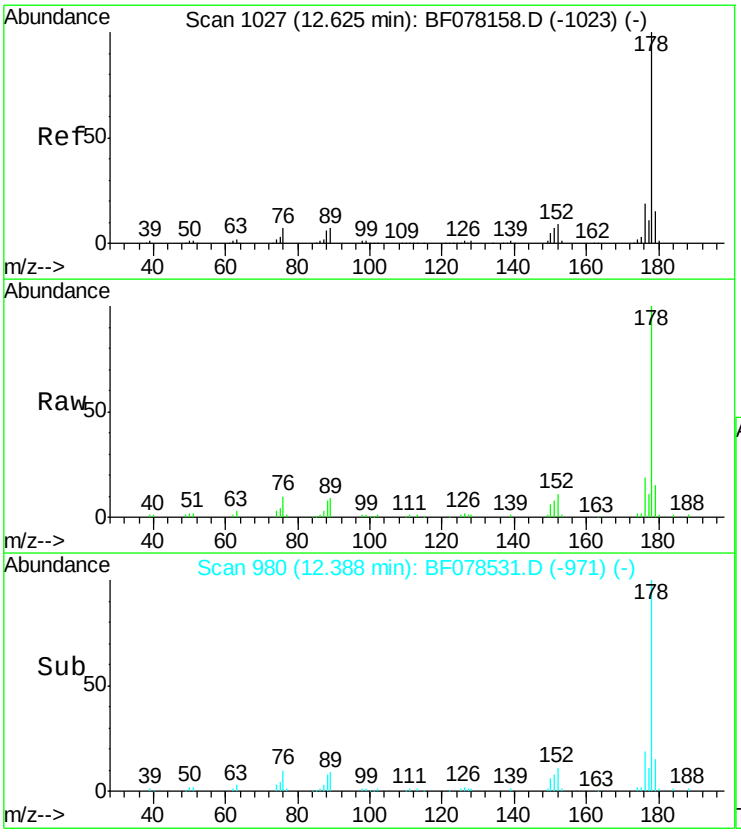
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:188 Resp: 126313

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.4	9.5	14.3#

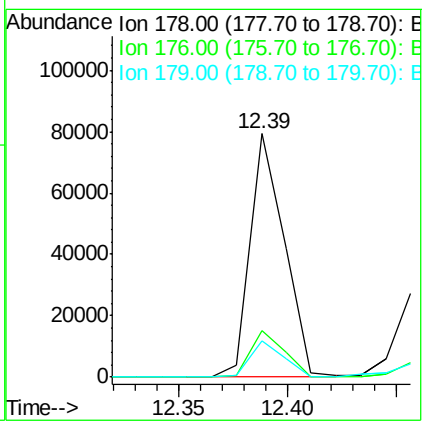


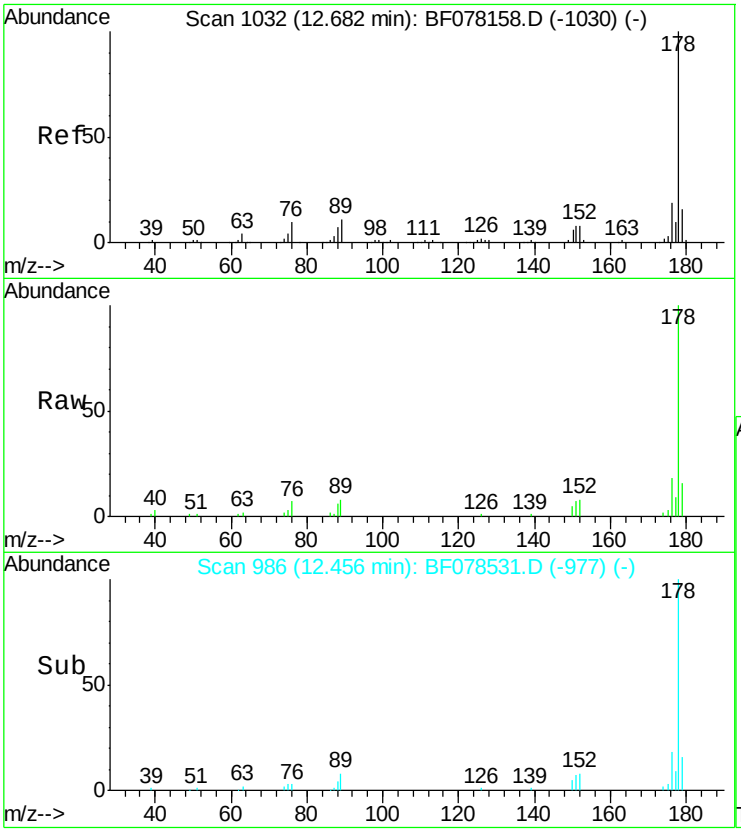


#70
Phenanthrene
Concen: 11.92 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:178 Resp: 87076

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.0	12.2	18.2



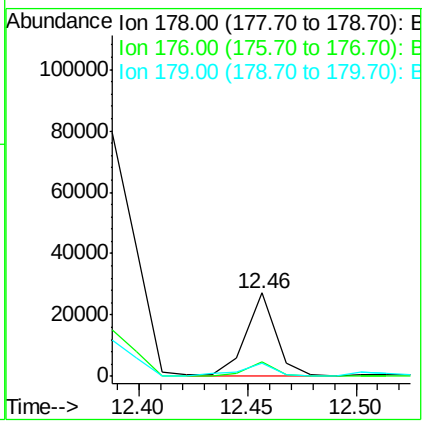


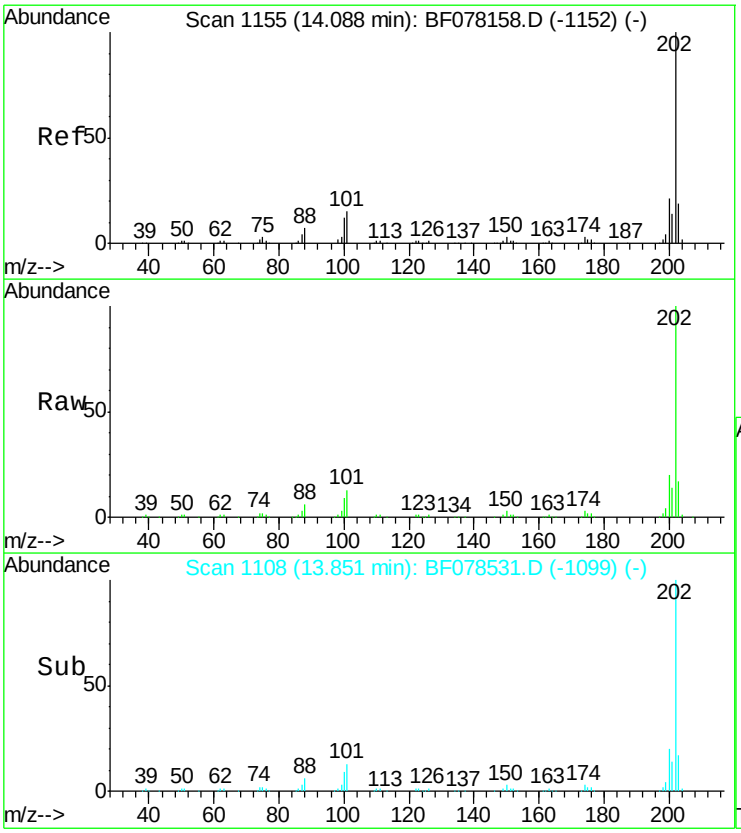
#71
Anthracene
Concen: 3.51 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:178 Resp: 25247

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	16.0	12.4	18.6

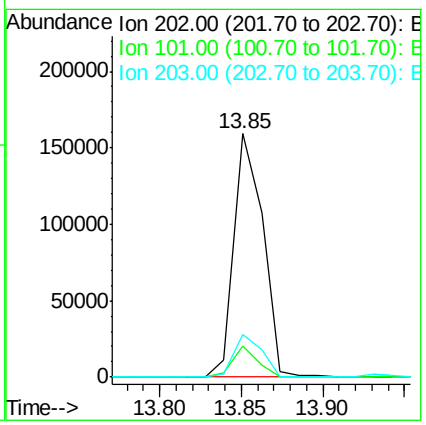


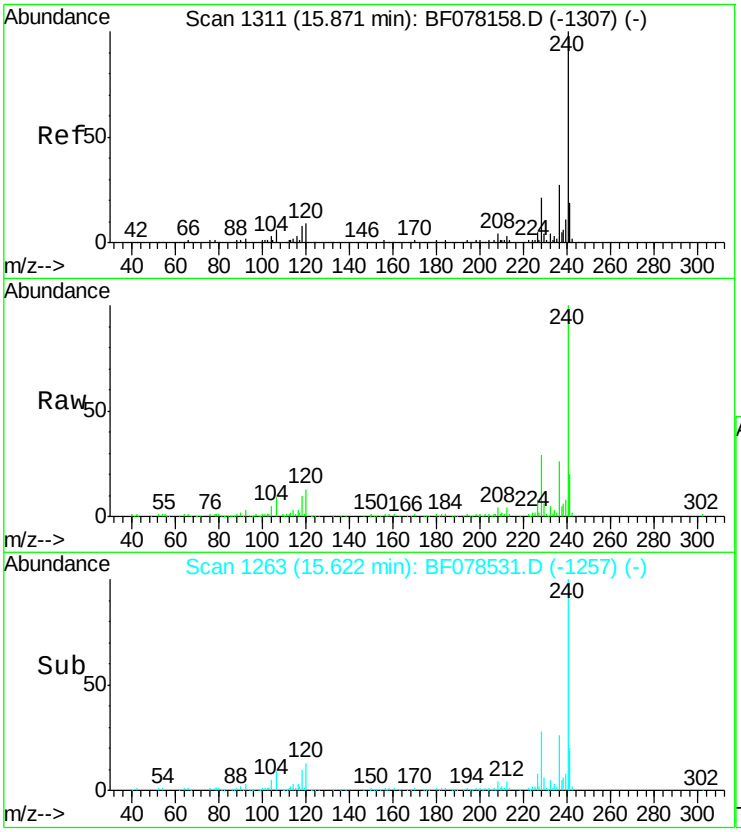


#74
Fluoranthene
Concen: 25.13 ng
RT: 13.85 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:202 Resp: 193606

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	35.2
203	17.4	0.0	38.5



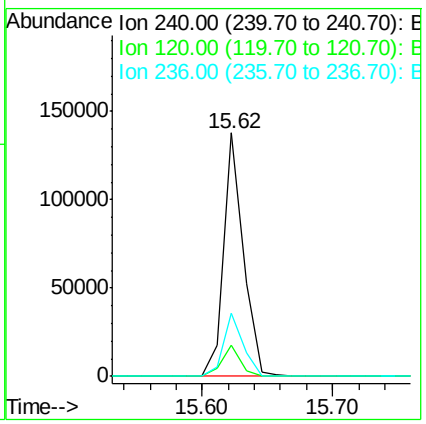


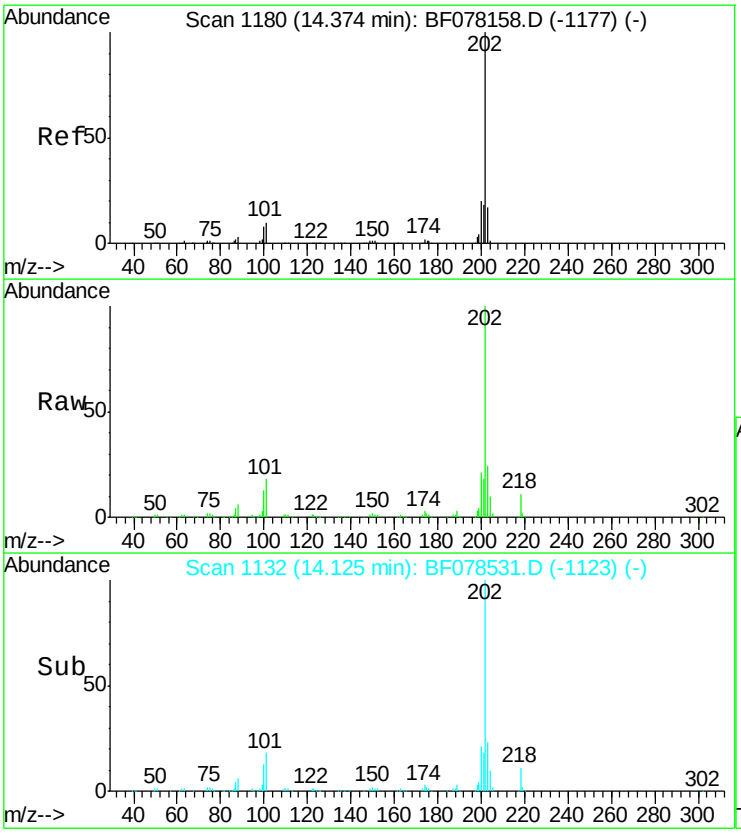
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:240 Resp: 145236

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.1	10.7#
236	25.7	21.4	32.2

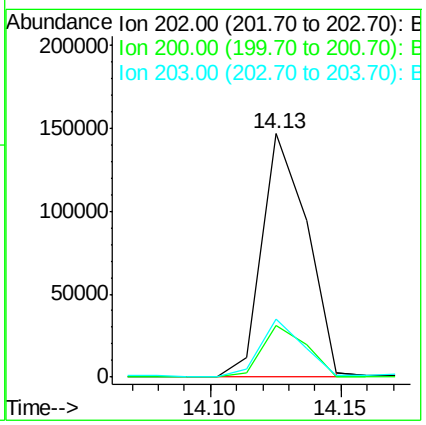


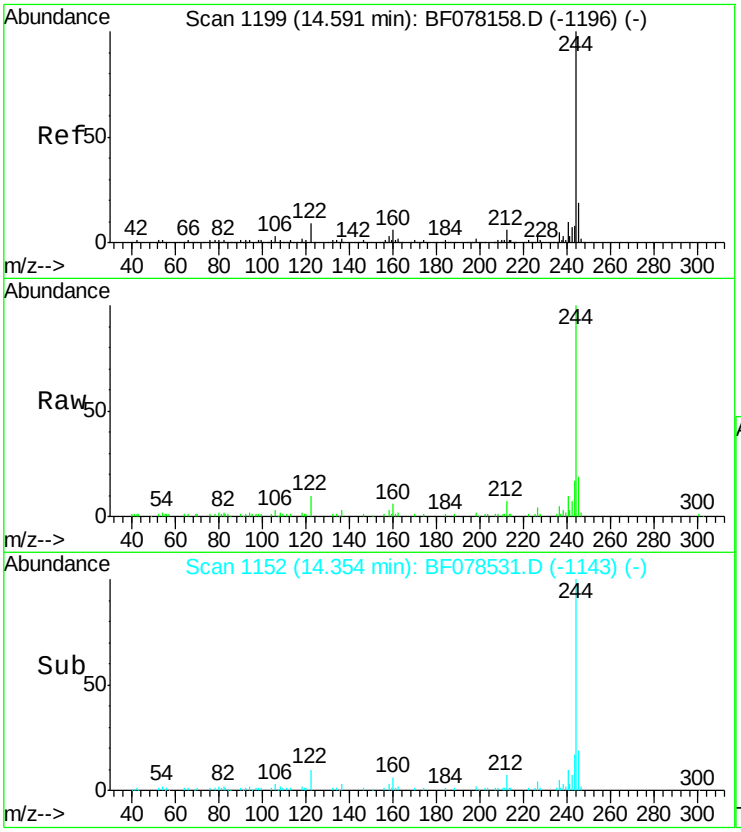


#77
Pyrene
Concen: 19.27 ng
RT: 14.13 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:202 Resp: 175718

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	23.6	13.8	20.6#



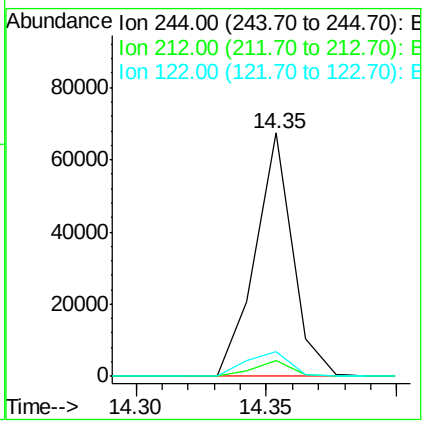


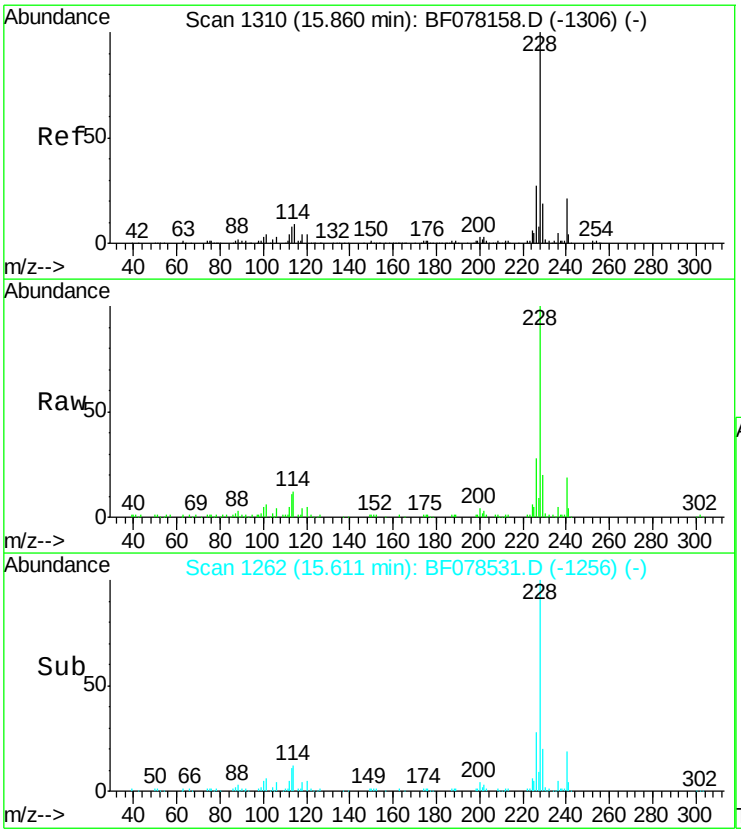
#78
Terphenyl-d14
Concen: 10.53 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:244 Resp: 67666

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	10.4	7.1	10.7

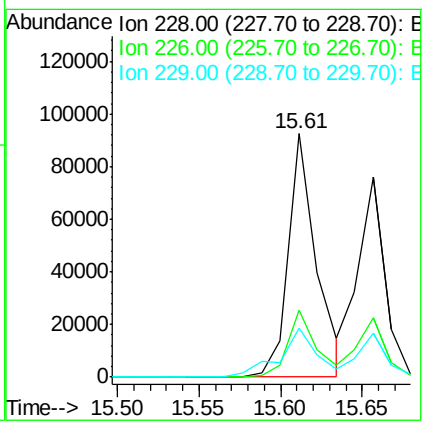


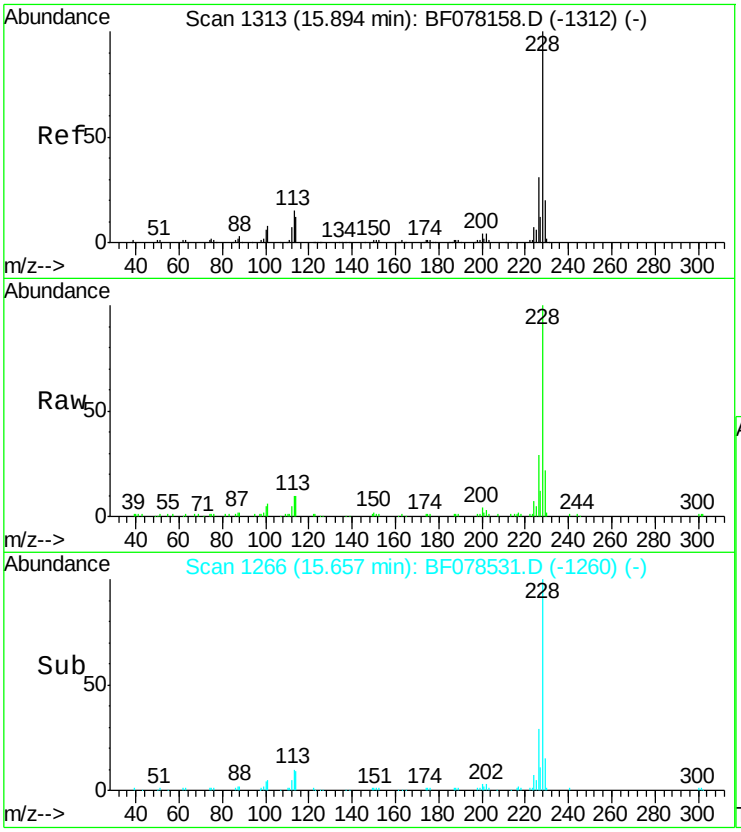


#80
Benzo(a)anthracene
Concen: 12.98 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:228 Resp: 112183

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.2	15.4	23.2



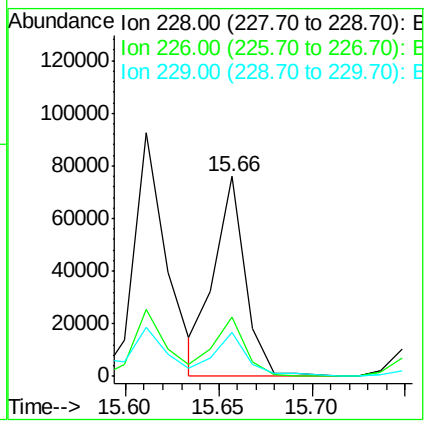


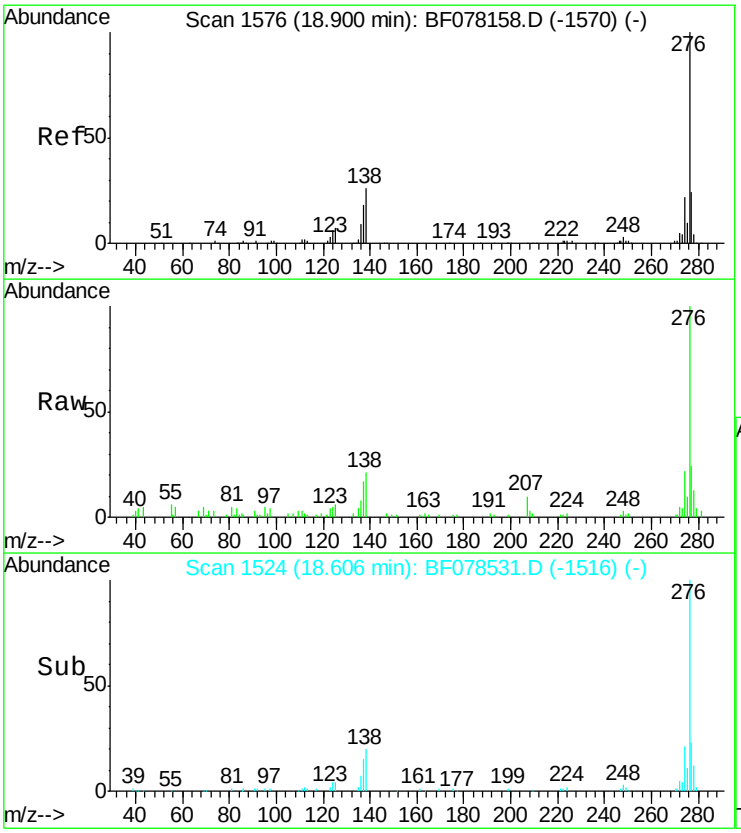
#82
Chrysene
Concen: 10.89 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:228 Resp: 88396

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	22.2	15.8	23.8

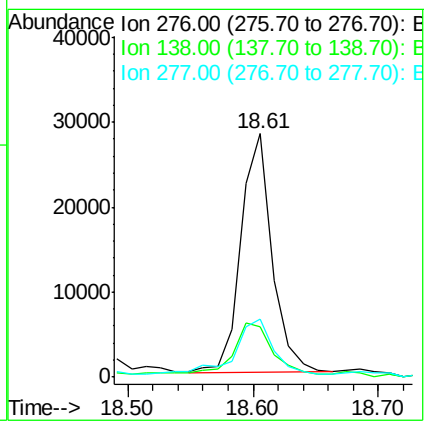


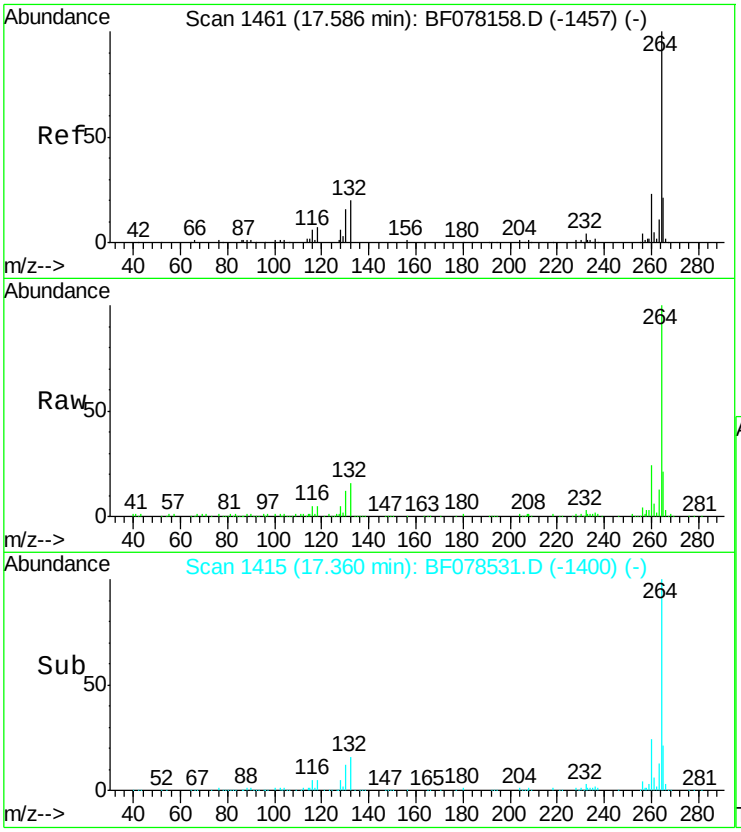


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.36 ng m
RT: 18.61 min Scan# 1524
Delta R.T. -0.21 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:276 Resp: 49357

Ion	Ratio	Lower	Upper
276	100		
138	5.1	16.9	25.3#
277	4.3	15.8	23.6#



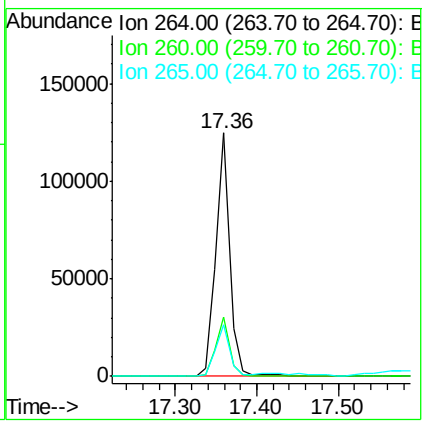


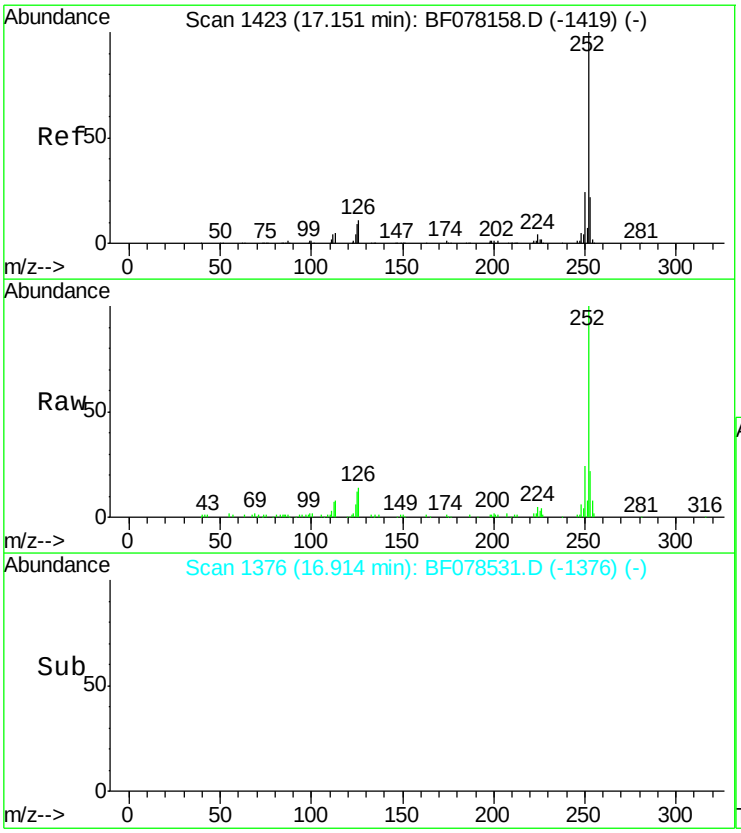
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.36 min Scan# 1415
Delta R.T. -0.13 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:264 Resp: 147892

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	17.0	25.6

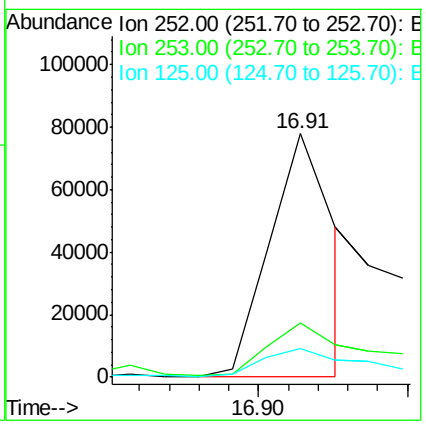


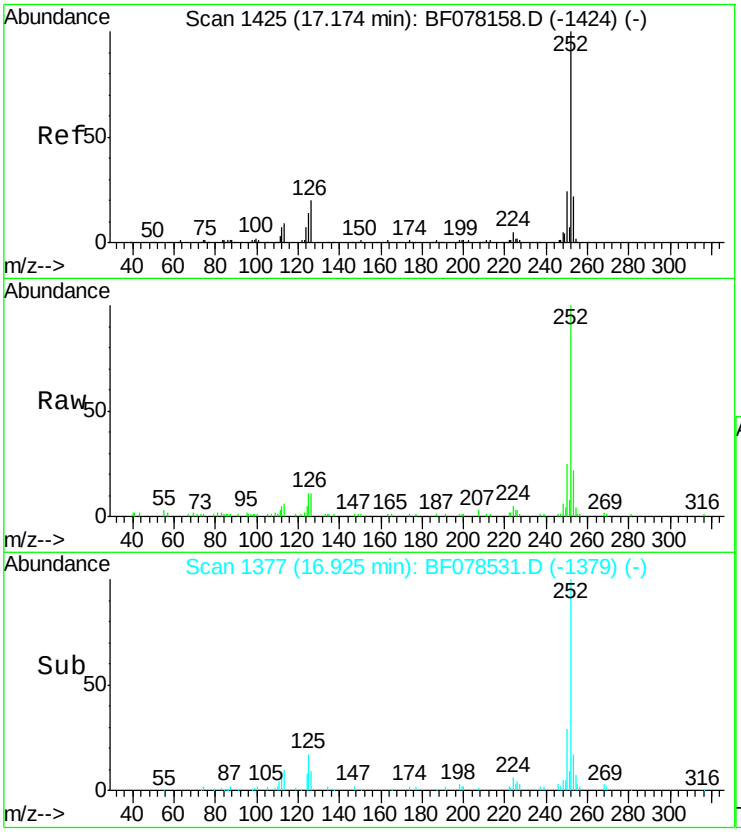


#87
Benzo(b)fluoranthene
Concen: 12.57 ng m
RT: 16.91 min Scan# 1376
Delta R.T. -0.10 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:252 Resp: 114937

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.9	7.0	10.4#



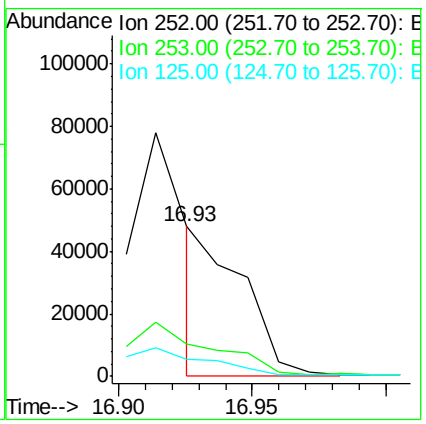


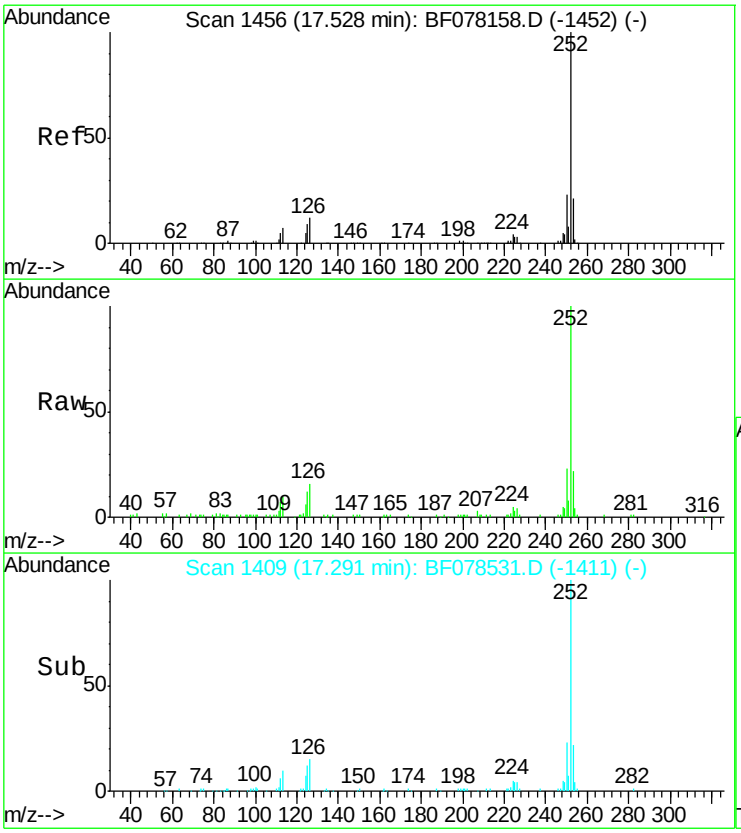
#88
Benzo(k)fluoranthene
Concen: 6.26 ng m
RT: 16.93 min Scan# 1377
Delta R.T. -0.13 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:252 Resp: 50865

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.3	11.6	17.4#

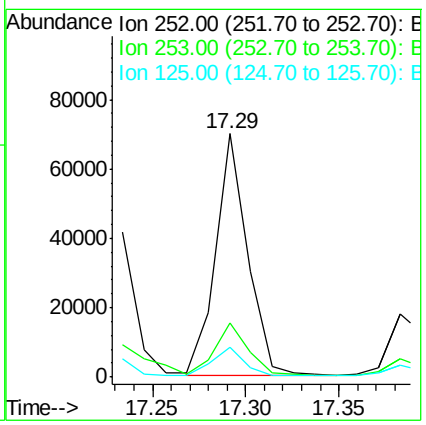


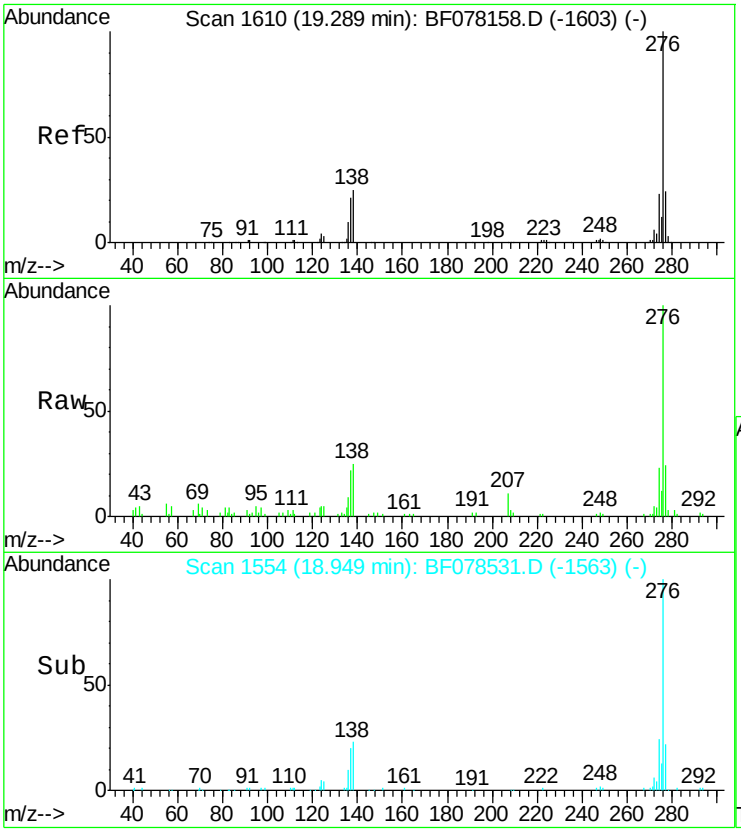


#89
Benzo(a)pyrene
Concen: 10.37 ng
RT: 17.29 min Scan# 1409
Delta R.T. -0.13 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Tgt Ion:252 Resp: 82698

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.8	25.2
125	12.1	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 5.92 ng m
RT: 18.95 min Scan# 1554
Delta R.T. -0.21 min
Lab File: BF078531.D
Acq: 15 Apr 2015 8:41

Instrument :
BNA_F
ClientSampleId :
SP-5DL

Tgt Ion:276 Resp: 47432

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	24.8	19.9	29.9