Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078594.D
Acq On : 17 Apr 2015 6:36
Operator : TP/IZ
Sample : G1828-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB04BDL

Quant Time: Apr 17 06:56:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	25197	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	108078	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	58081	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	116711	20.00	ng		0.00
75) Chrysene-d12	15.49	240	130298	20.00	ng		-0.01
86) Perylene-d12	17.17	264	136148	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	32430	21.22	ng		0.00
7) Phenol-d6	6.30	99	43374	22.65	ng		0.00
23) Nitrobenzene-d5	7.39	82	23217	13.02	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	10504	21.81	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	44039	10.84	ng		0.00
78) Terphenyl-d14	14.23	244	58969	10.23	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.26	178	50383	7.46	ng		99
71) Anthracene	12.33	178	47824	7.19	ng		100
74) Fluoranthene	13.73	202	216794	30.45	ng		96
77) Pyrene	14.00	202	182172	22.27	ng	#	95
80) Benzo(a)anthracene	15.47	228	109628	14.14	ng		96
82) Chrysene	15.52	228	76499	10.50	ng		97
85) Indeno(1,2,3-cd)pyrene	18.33	276	40644m	4.92	ng		
87) Benzo(b)fluoranthene	16.74	252	96290m	11.44	ng		
88) Benzo(k)fluoranthene	16.77	252	33880m	4.53	ng		
89) Benzo(a)pyrene	17.10	252	76684	10.44	ng	#	93
91) Benzo(g,h,i)perylene	18.66	276	33590	4.56	ng		97

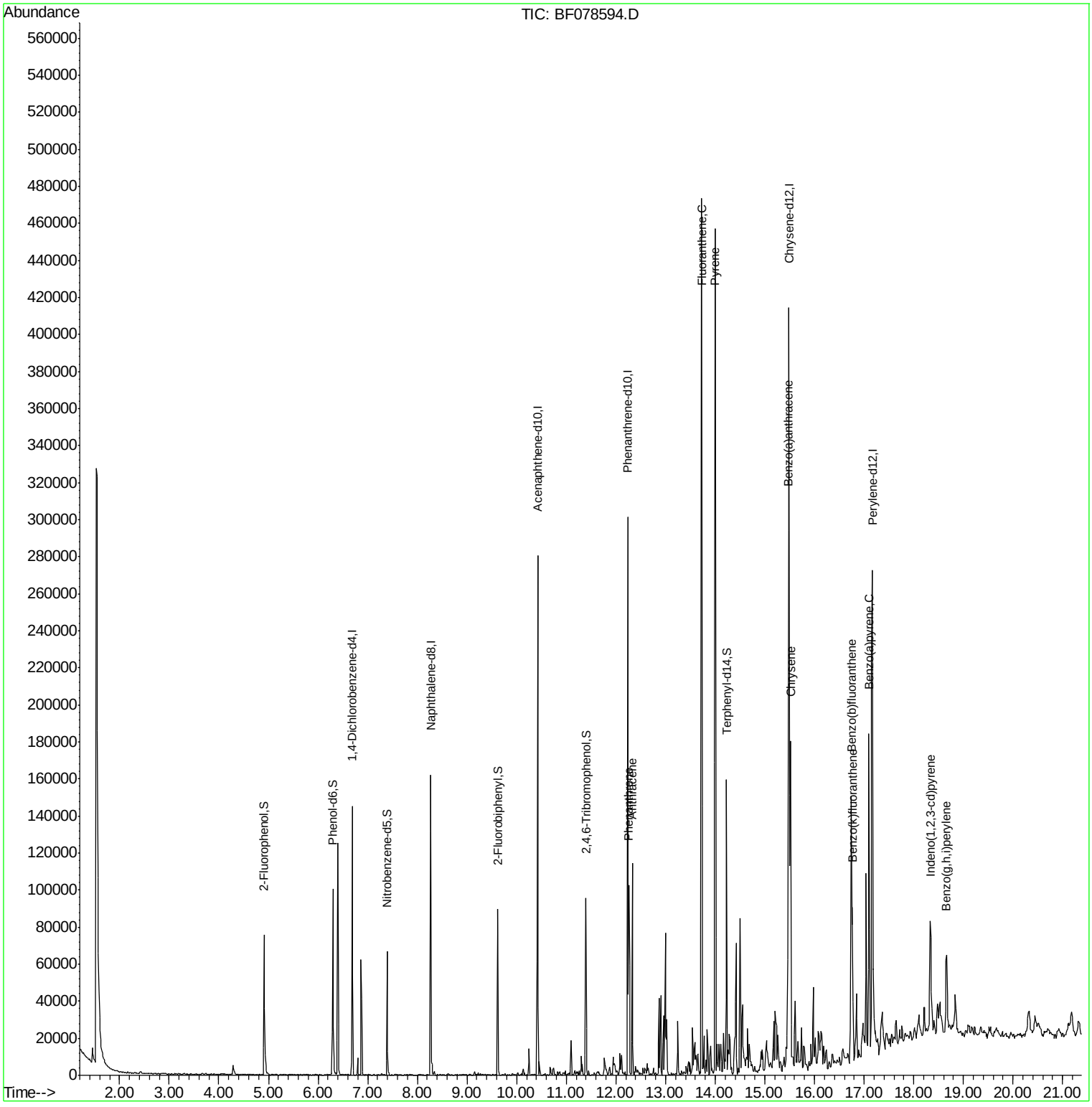
(#) = qualifier out of range (m) = manual integration (+) = signals summed

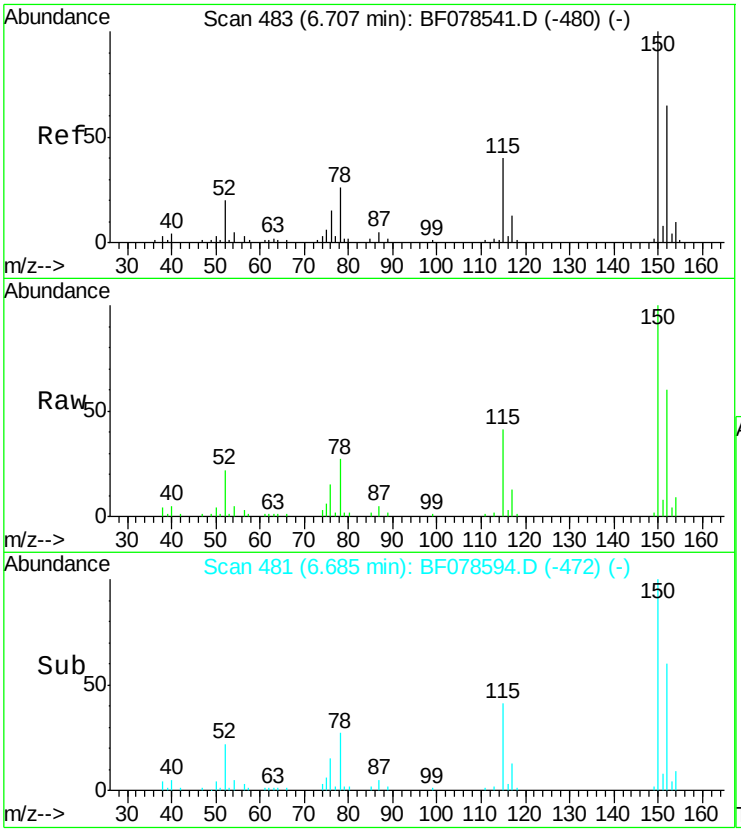
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078594.D
Acq On : 17 Apr 2015 6:36
Operator : TP/IZ
Sample : G1828-15DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Quant Time: Apr 17 06:56:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration



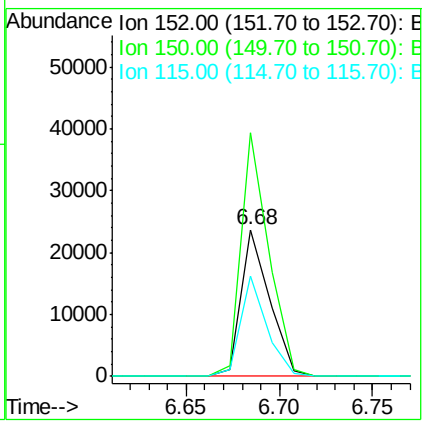


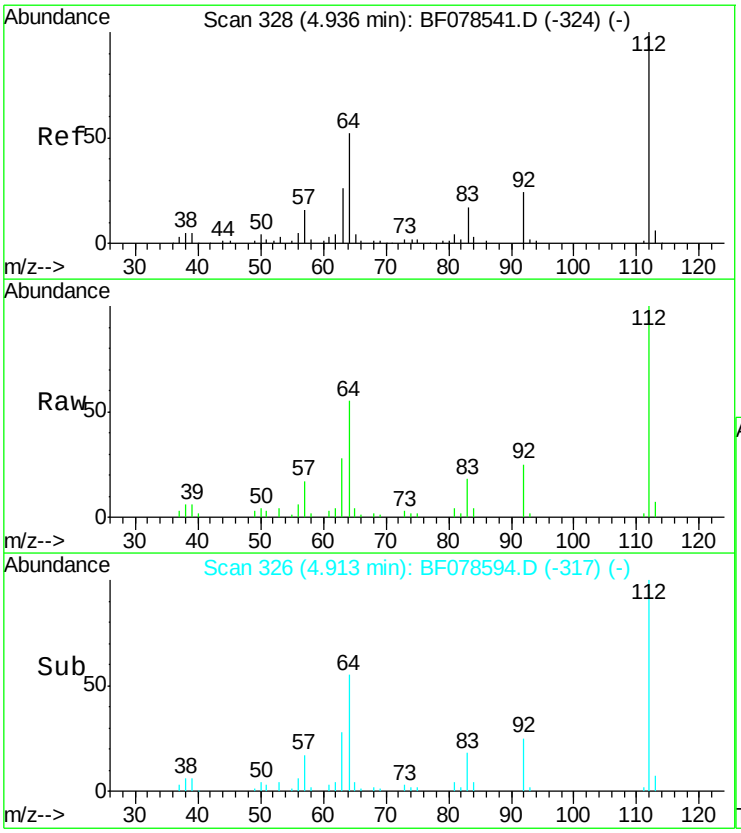
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:152 Resp: 25197

Ion	Ratio	Lower	Upper
152	100		
150	165.7	125.9	188.9
115	68.0	52.7	79.1

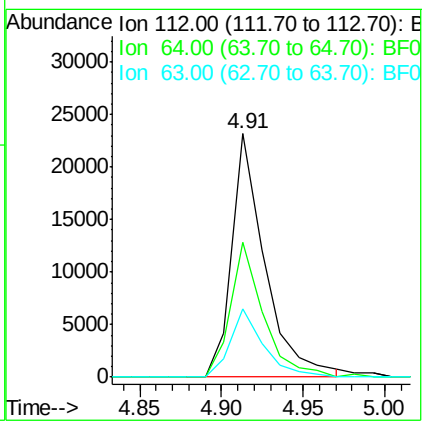


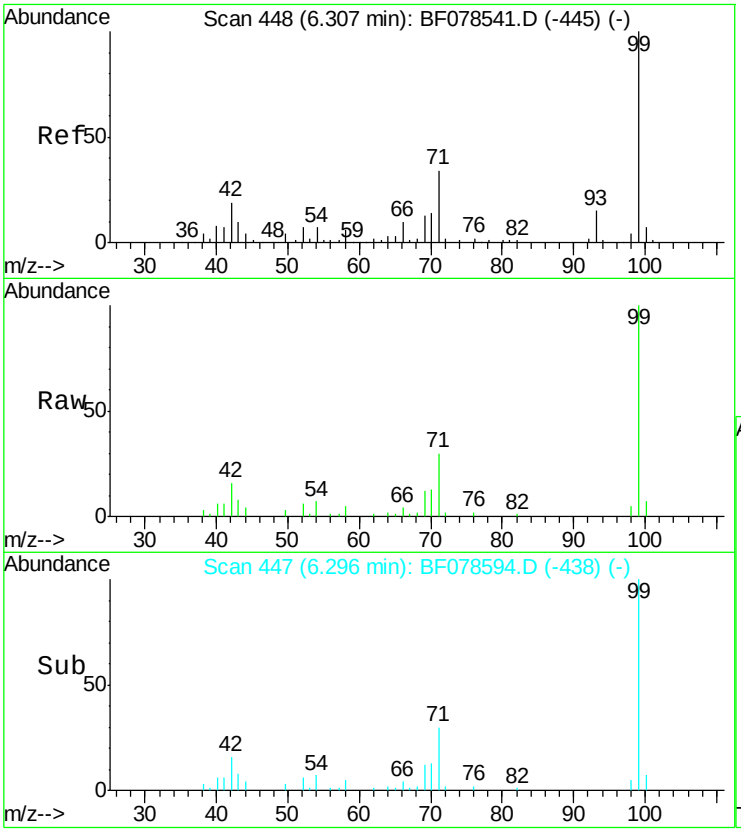


#5
2-Fluorophenol
Concen: 21.22 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:112 Resp: 32430

Ion	Ratio	Lower	Upper
112	100		
64	55.5	39.9	59.9
63	27.8	20.2	30.4



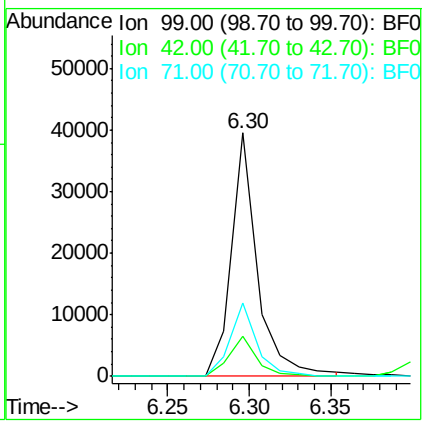


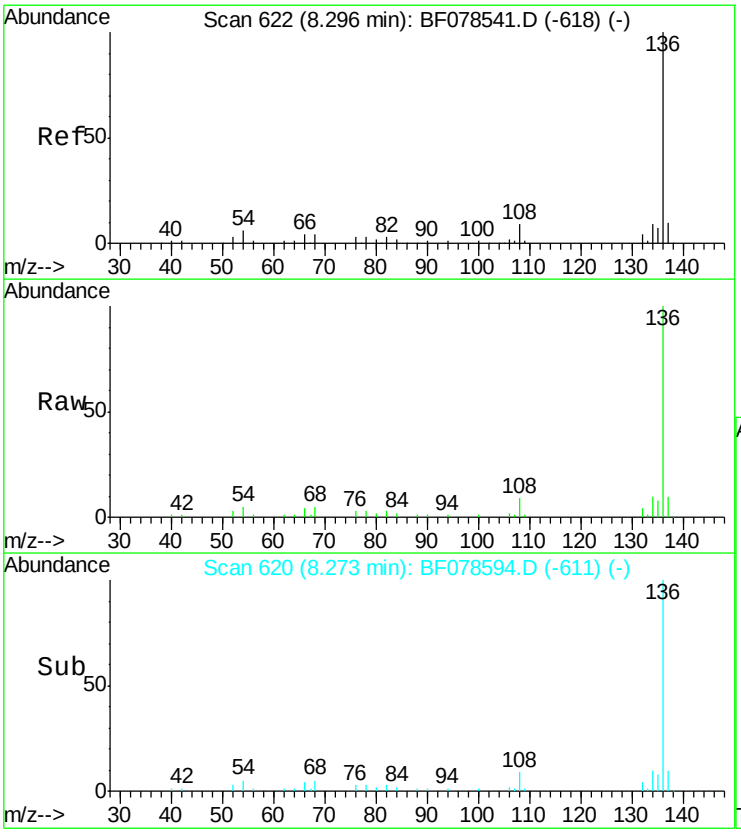
#7
Phenol-d6
Concen: 22.65 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion: 99 Resp: 43374

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.8	22.2
71	30.4	26.6	39.8

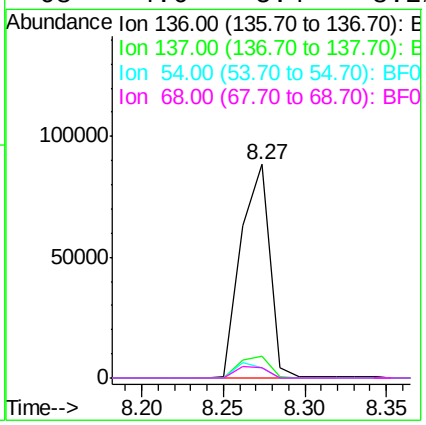


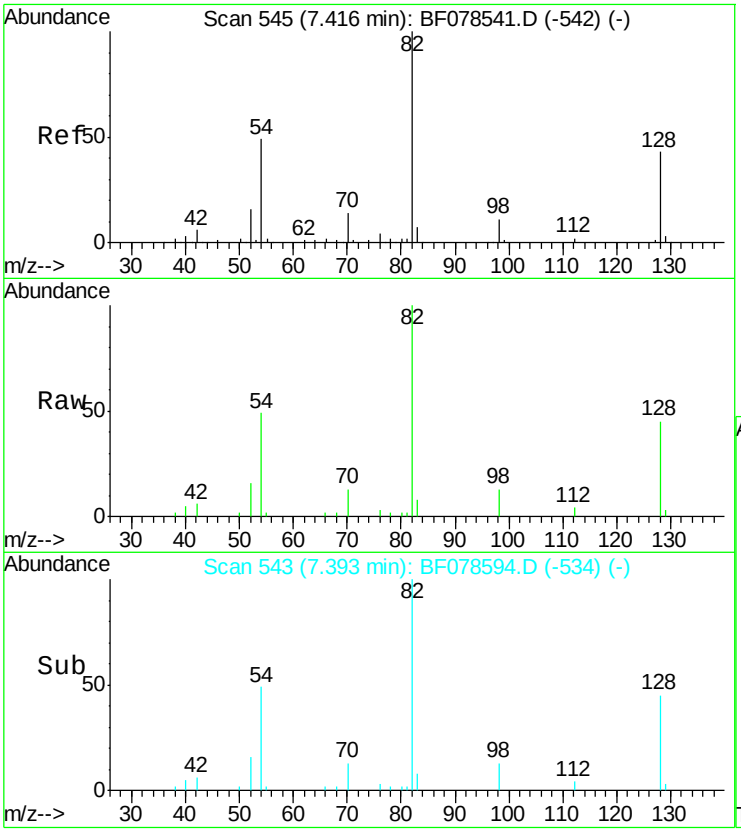


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:136 Resp: 108078

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.1	7.0	10.6#
68	4.6	5.4	8.2#



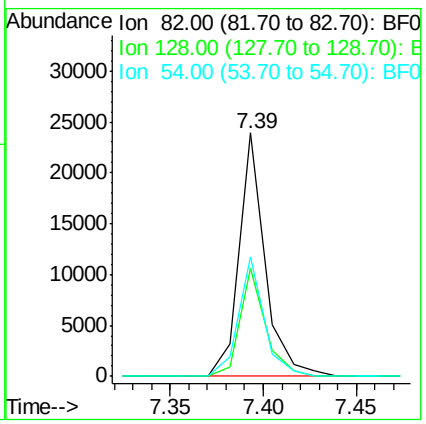


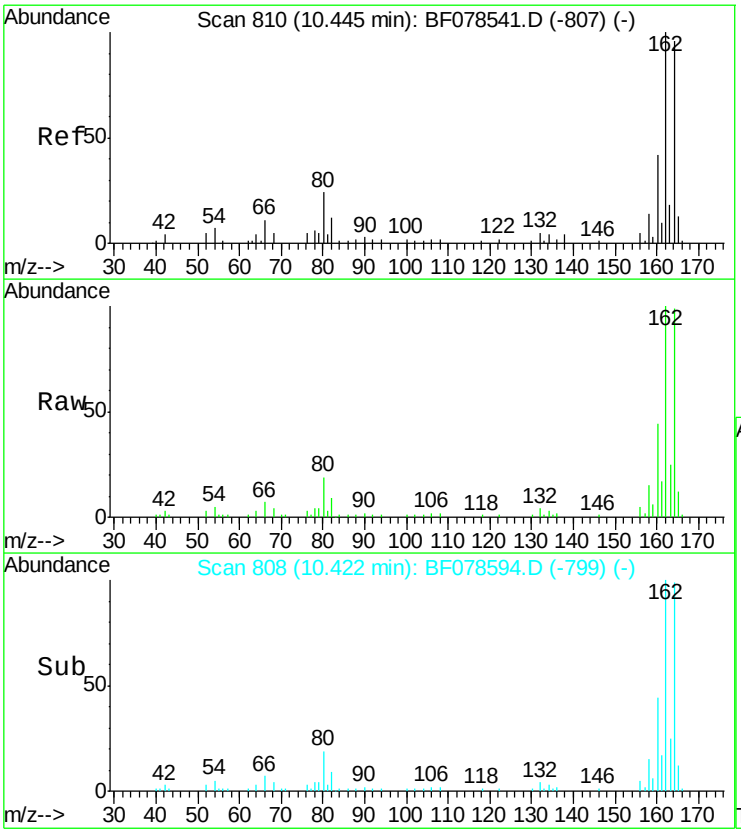
#23
Nitrobenzene-d5
Concen: 13.02 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion: 82 Resp: 23217

Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.8	47.8
54	49.1	41.5	62.3

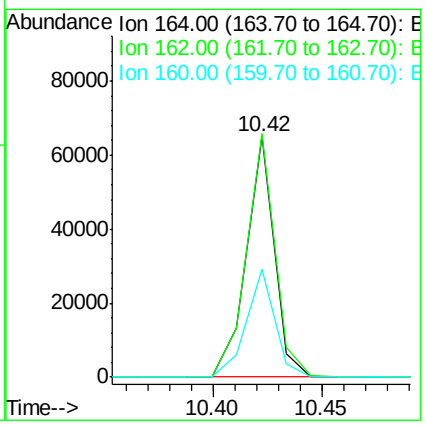


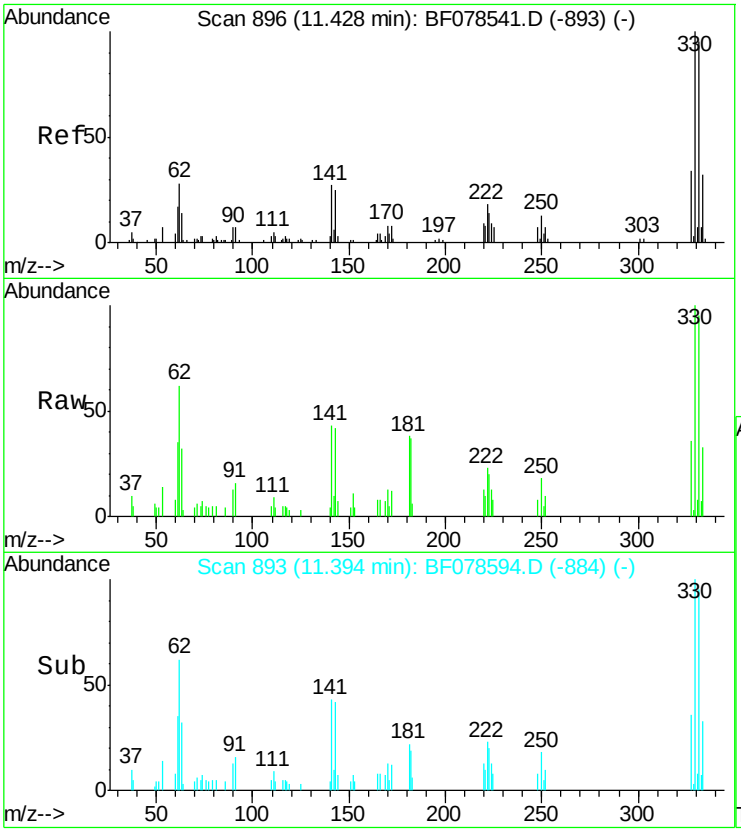


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:164 Resp: 58081

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.2
160	44.7	34.7	52.1



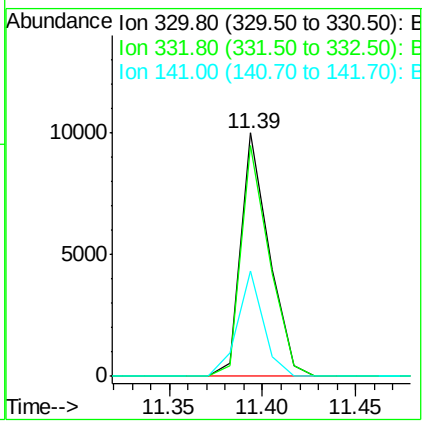


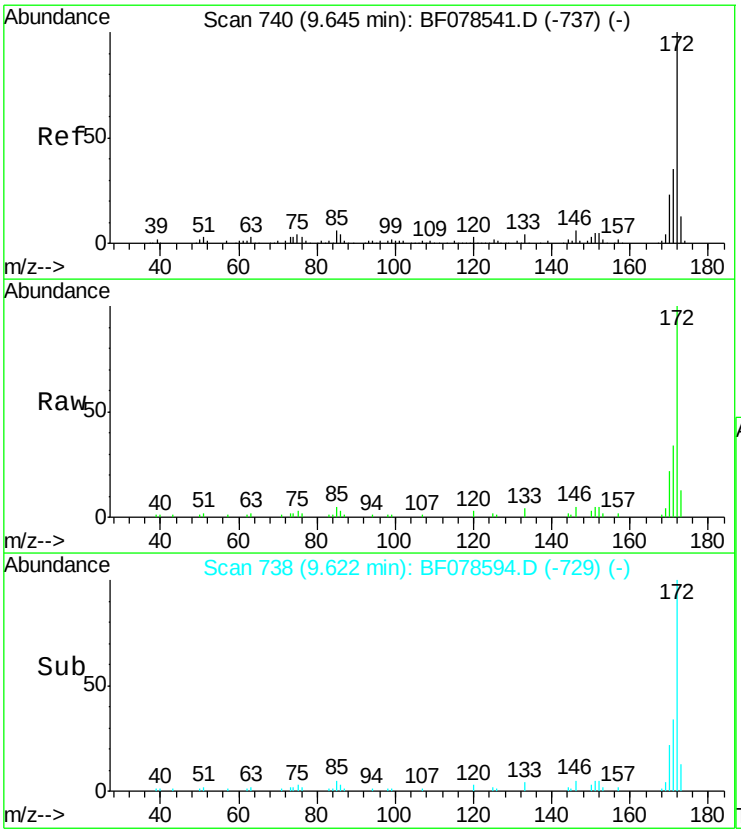
#41
2,4,6-Tribromophenol
Concen: 21.81 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:330 Resp: 10504

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.6	117.8
141	39.8	31.2	46.8

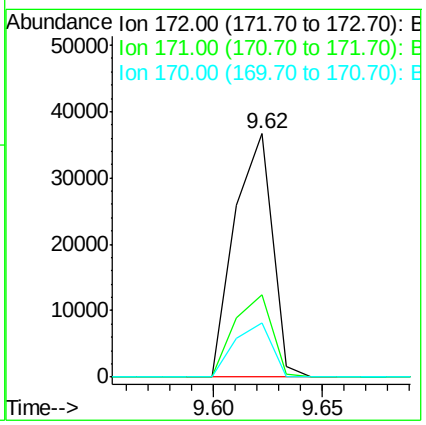


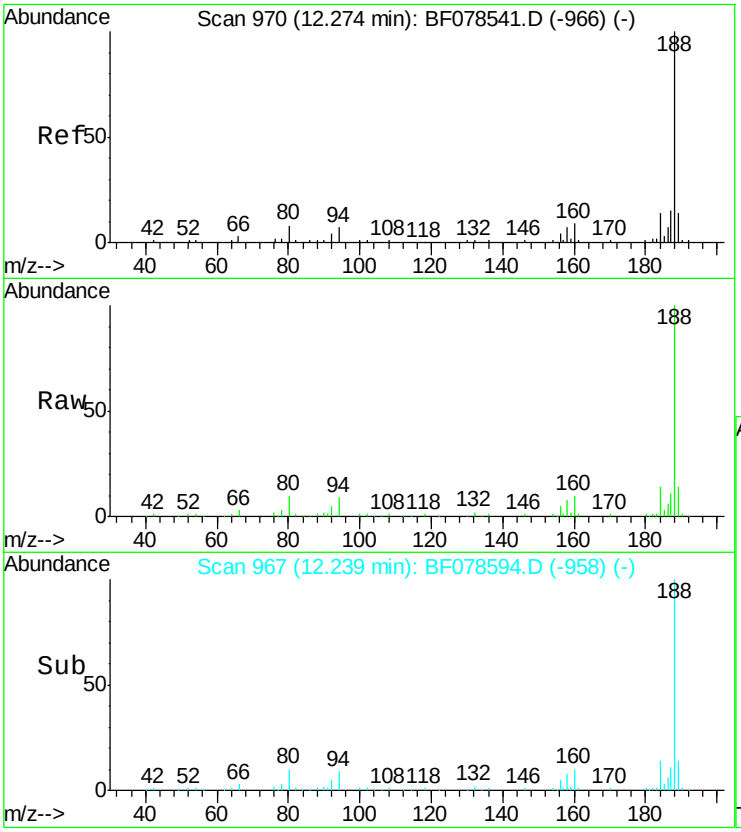


#44
2-Fluorobiphenyl
Concen: 10.84 ng
RT: 9.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:172 Resp: 44039

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	42.8
170	22.5	18.5	27.7



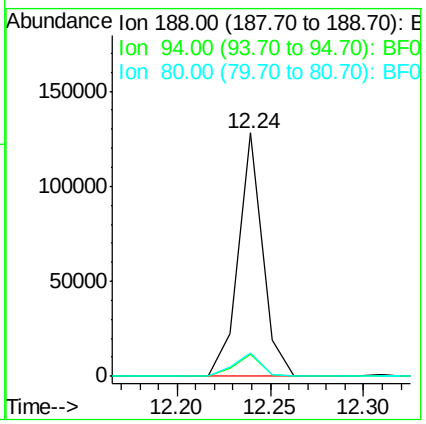


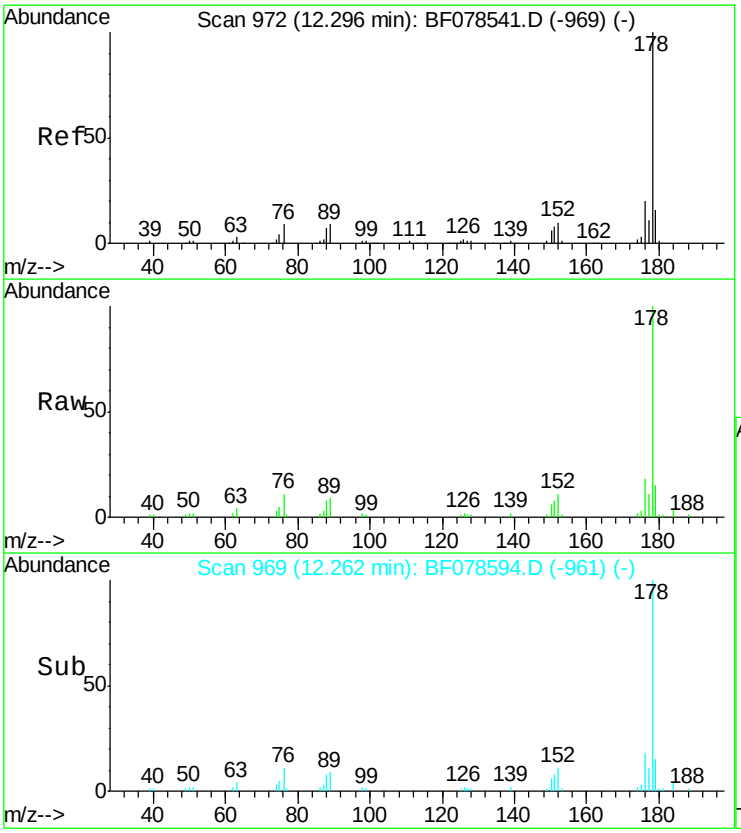
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:188 Resp: 116711

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.9	9.5	14.3

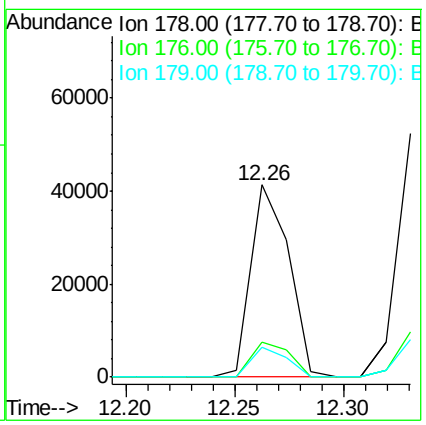


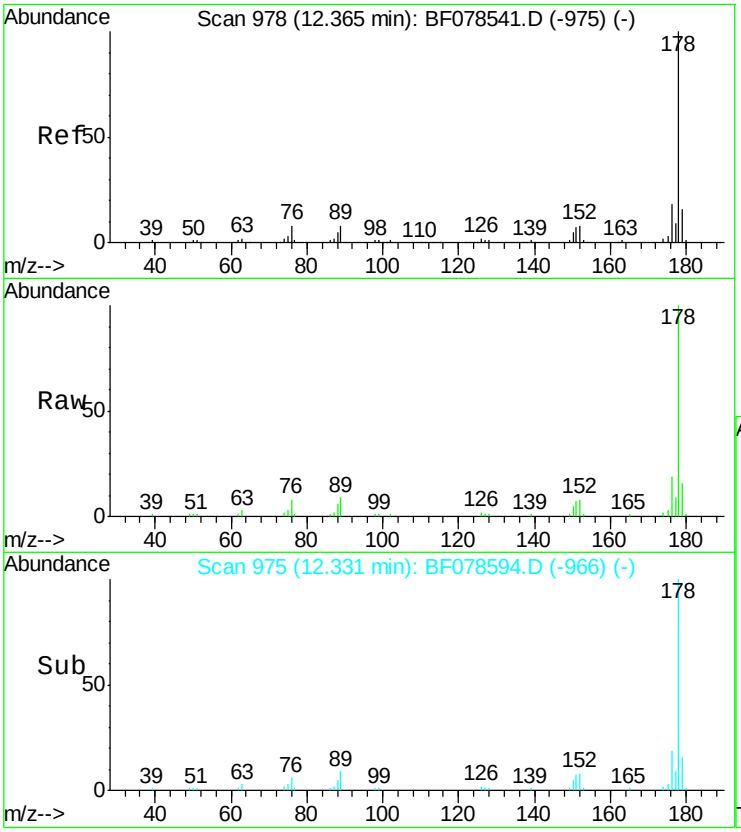


#70
Phenanthrene
Concen: 7.46 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:178 Resp: 50383

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.5	12.2	18.2



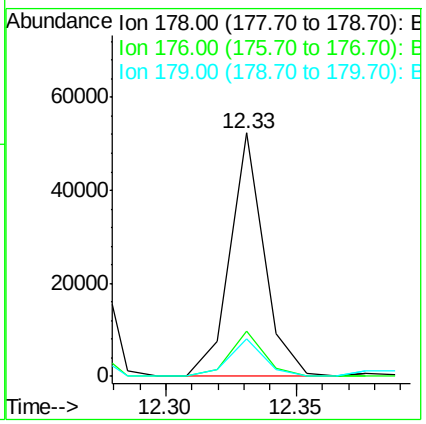


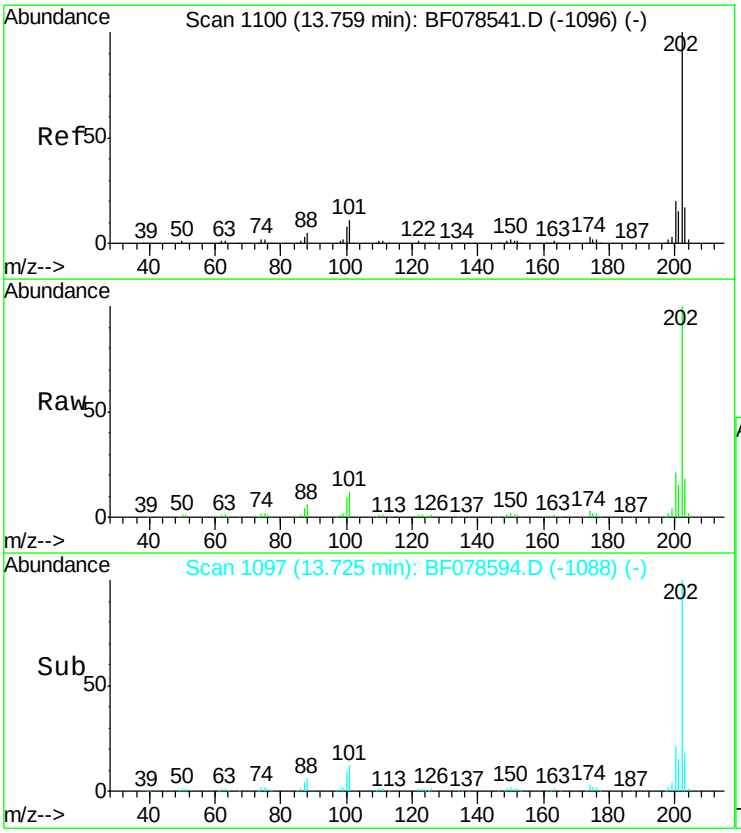
#71
Anthracene
Concen: 7.19 ng
RT: 12.33 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:178 Resp: 47824

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.4	18.6

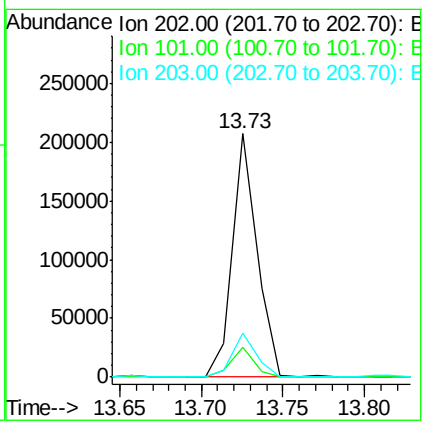


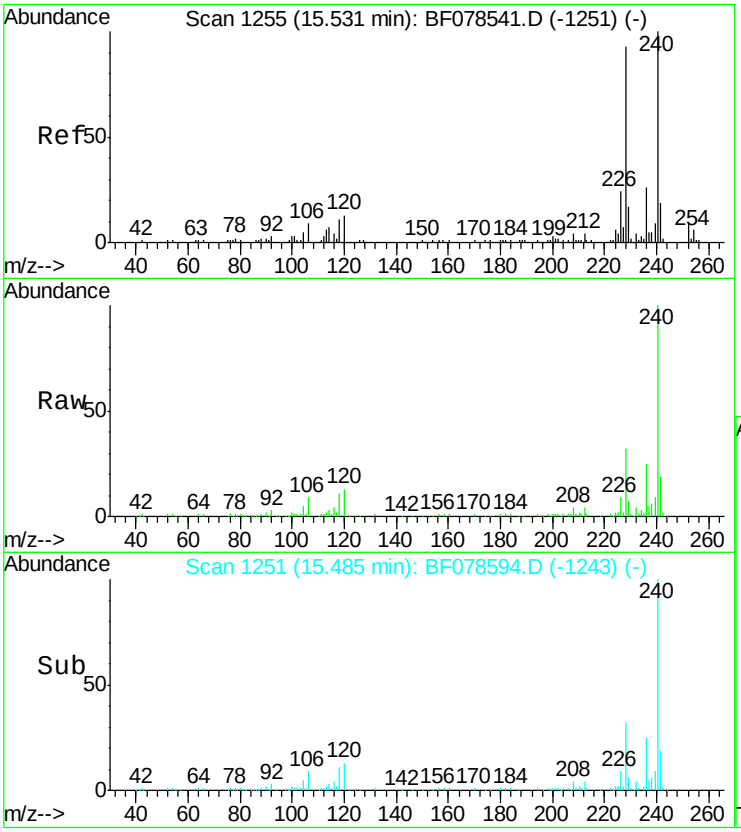


#74
Fluoranthene
Concen: 30.45 ng
RT: 13.73 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:202 Resp: 216794

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	35.2
203	17.9	0.0	38.5



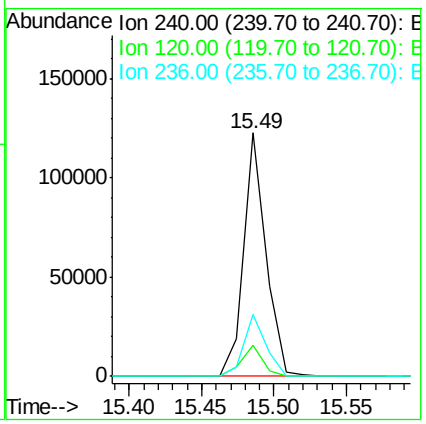


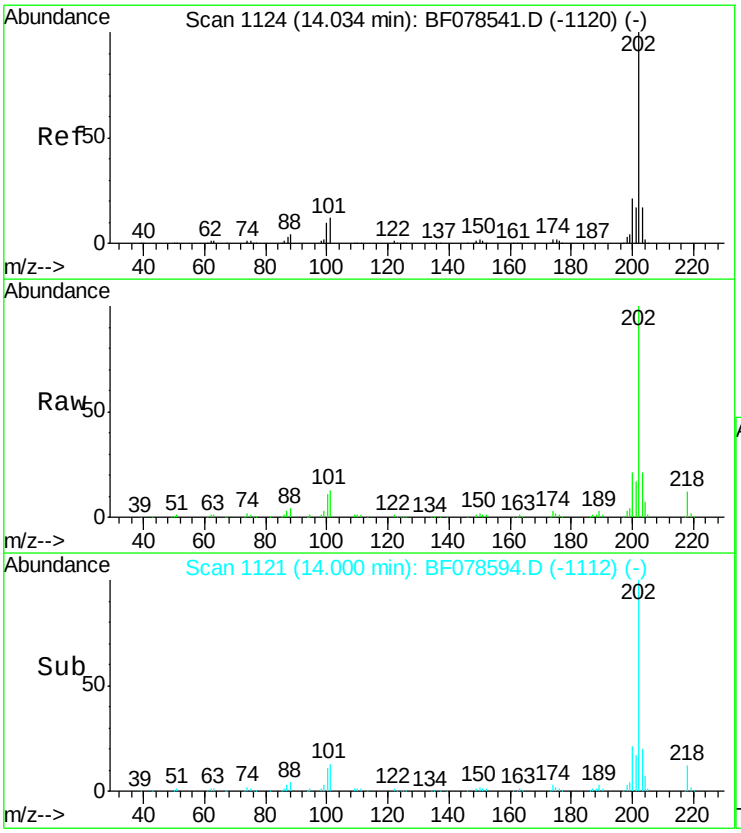
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:240 Resp: 130298

Ion	Ratio	Lower	Upper
240	100		
120	13.0	7.1	10.7#
236	25.4	21.4	32.2

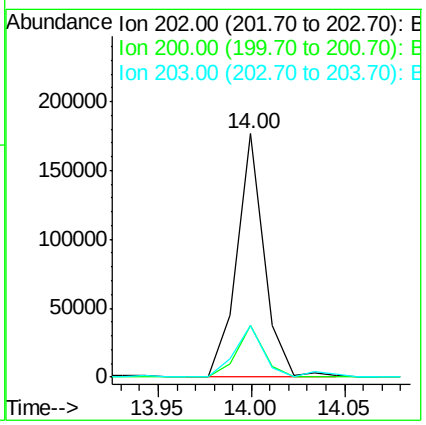


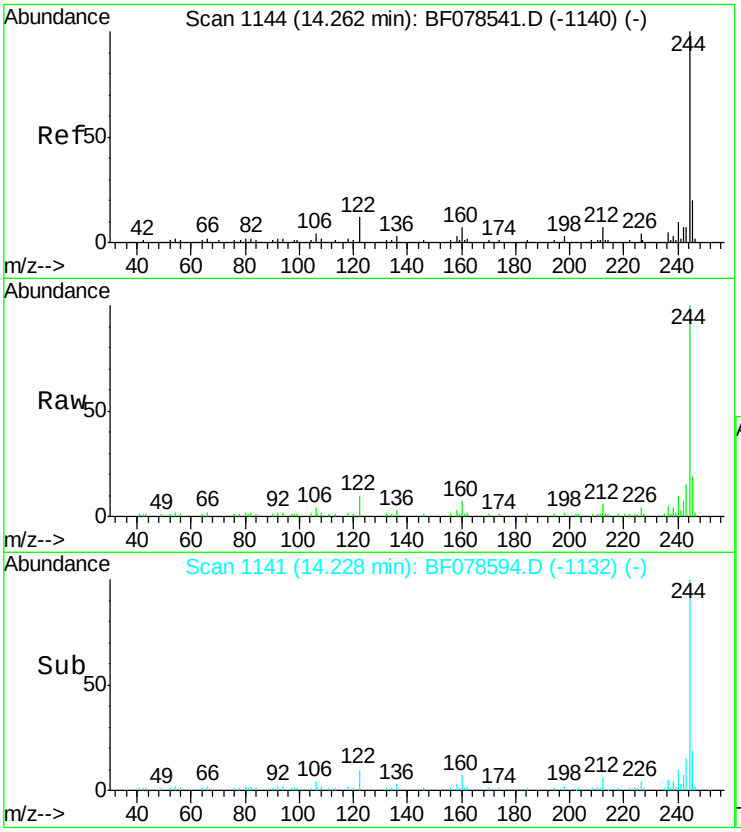


#77
Pyrene
Concen: 22.27 ng
RT: 14.00 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:202 Resp: 182172

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	21.2	13.8	20.6#



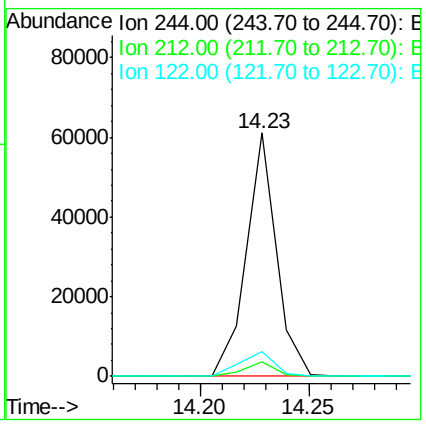


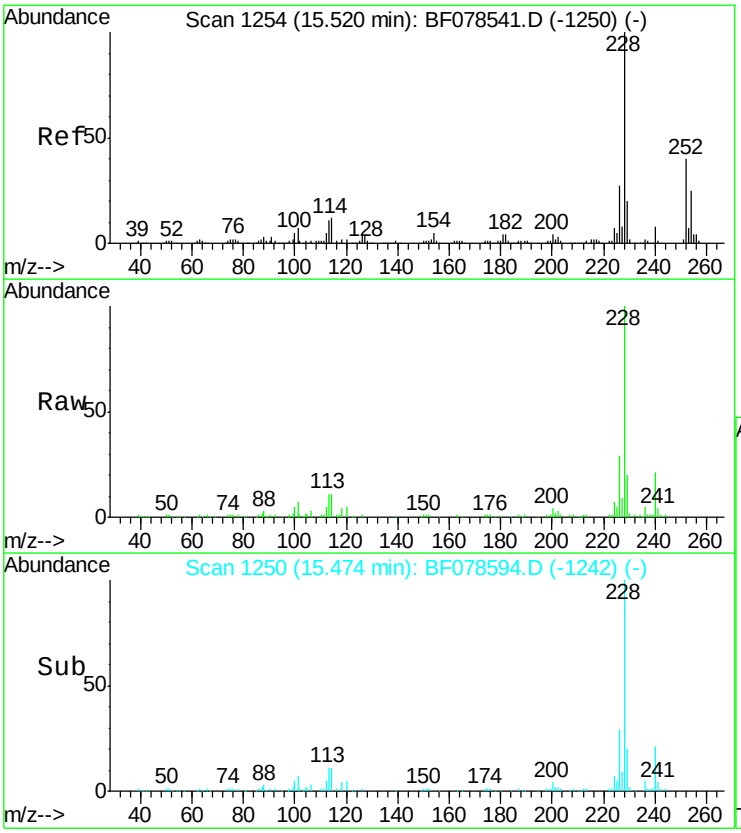
#78
Terphenyl-d14
Concen: 10.23 ng
RT: 14.23 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:244 Resp: 58969

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	10.3	7.1	10.7

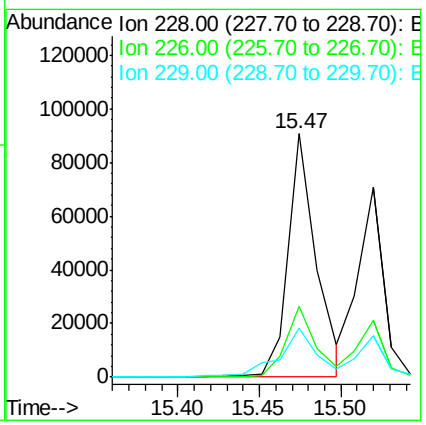


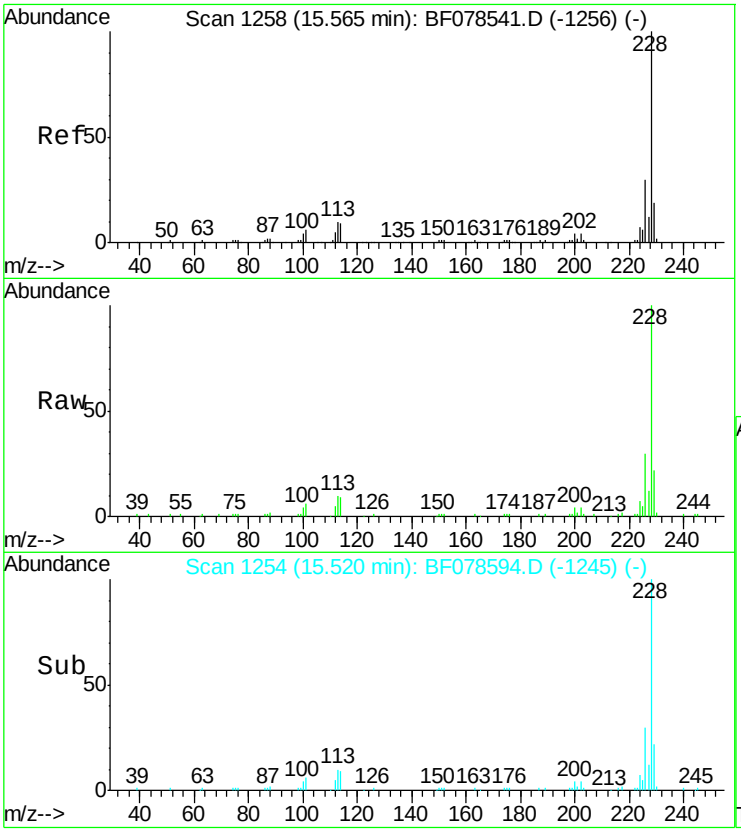


#80
Benzo(a)anthracene
Concen: 14.14 ng
RT: 15.47 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:228 Resp: 109628

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.3	31.9
229	20.1	15.4	23.2



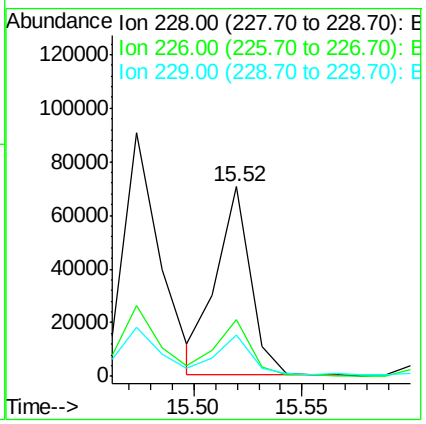


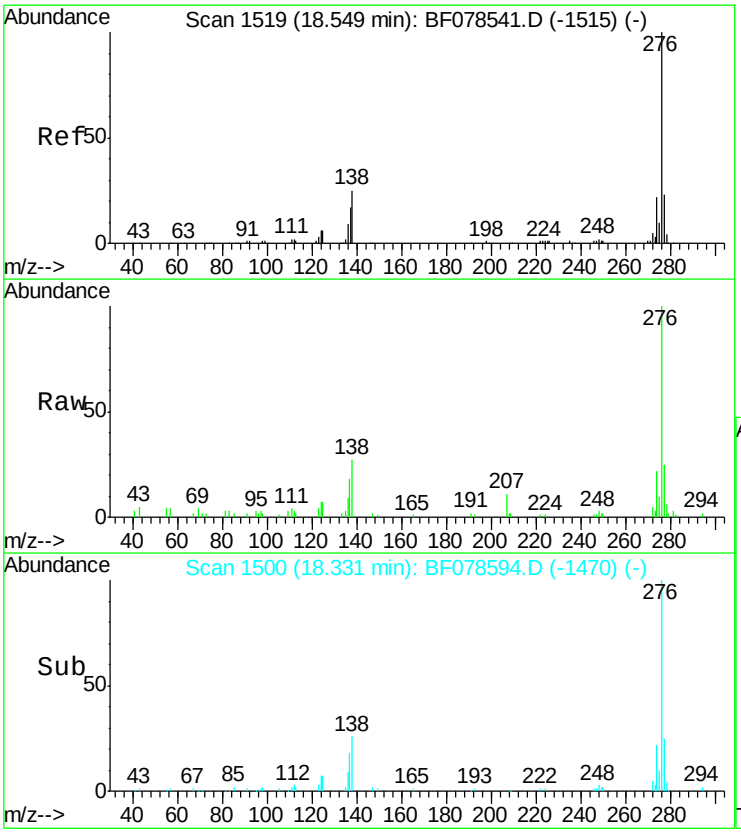
#82
Chrysene
Concen: 10.50 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:228 Resp: 76499

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	22.1	15.8	23.8

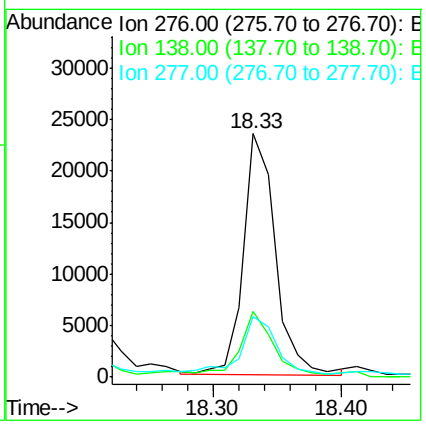


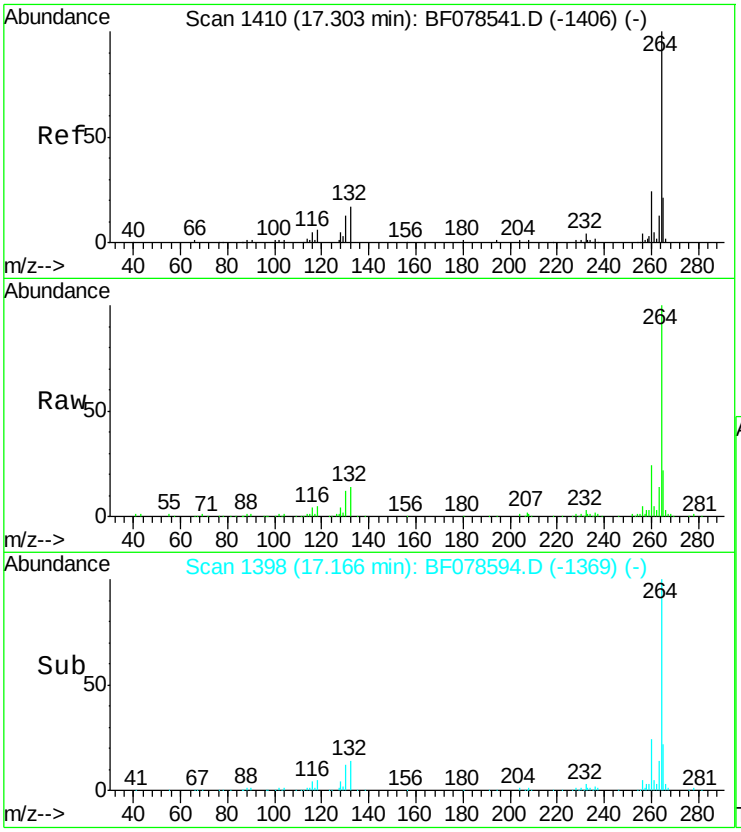


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.92 ng m
RT: 18.33 min Scan# 1500
Delta R.T. 0.05 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:276 Resp: 40644

Ion	Ratio	Lower	Upper
276	100		
138	7.8	16.9	25.3#
277	7.6	15.8	23.6#



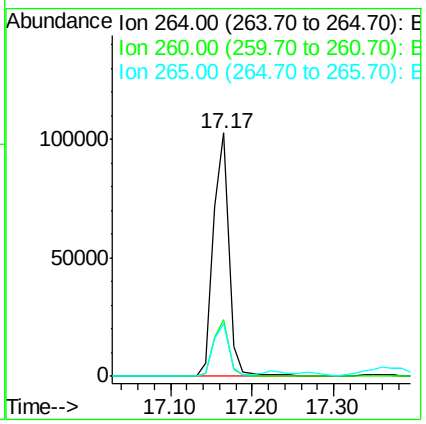


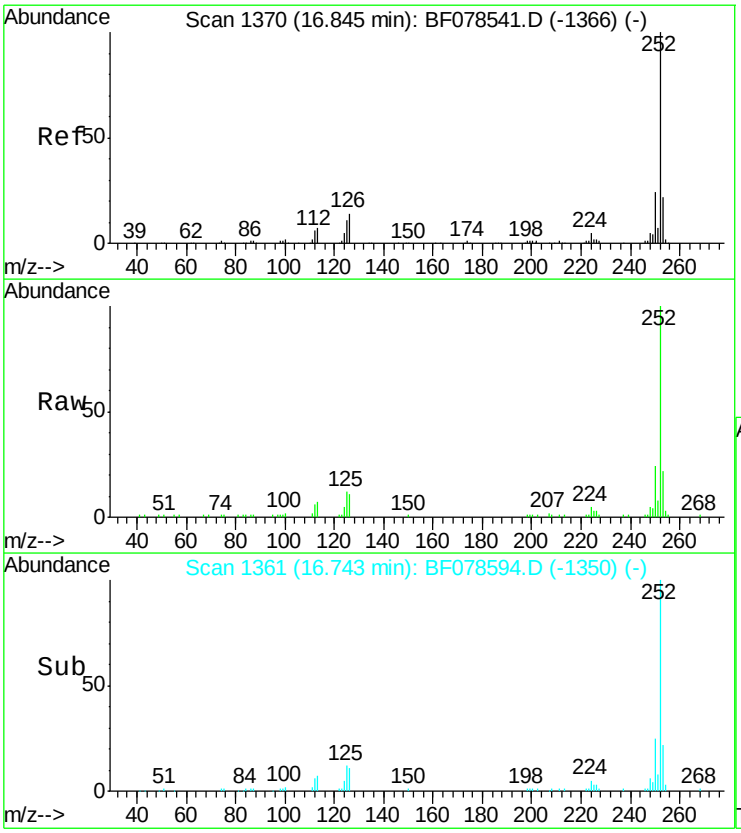
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.03 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:264 Resp: 136148

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.6	17.0	25.6

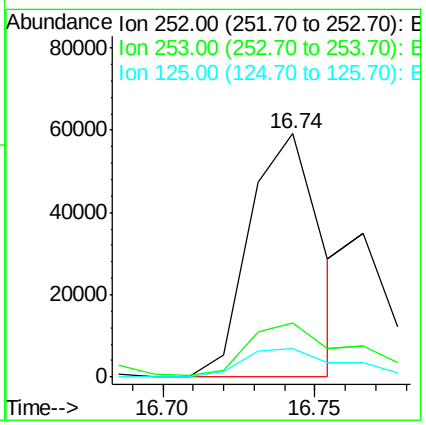


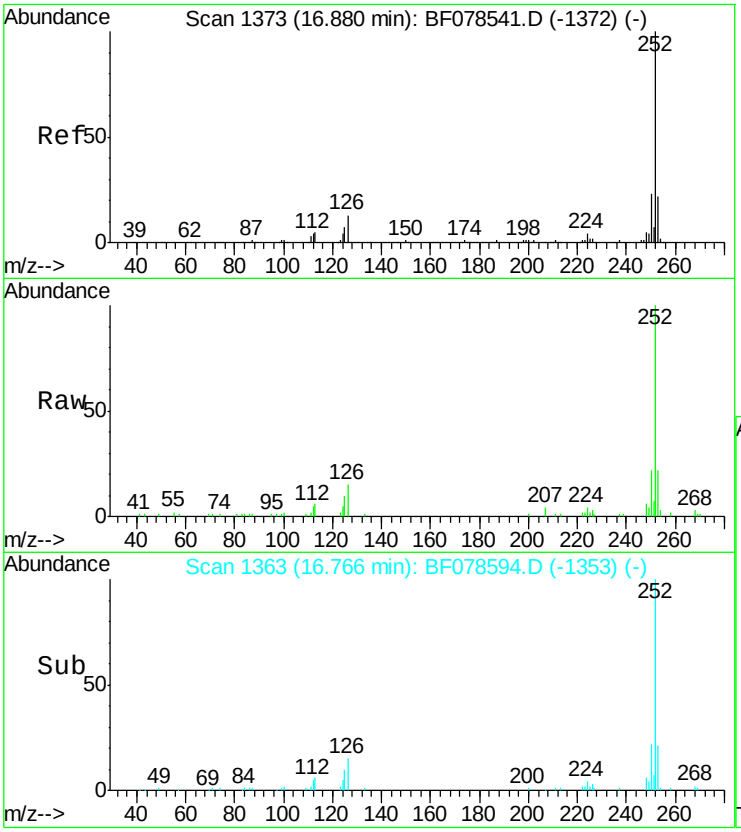


#87
Benzo(b)fluoranthene
Concen: 11.44 ng m
RT: 16.74 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:252 Resp: 96290

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.5	7.0	10.4#



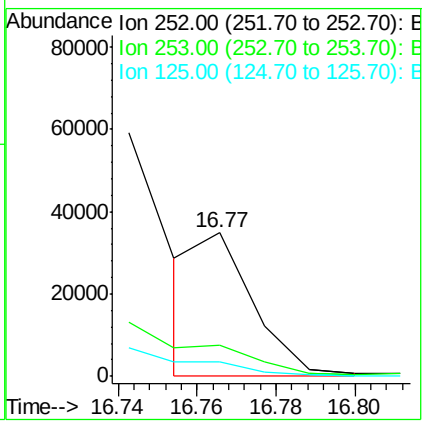


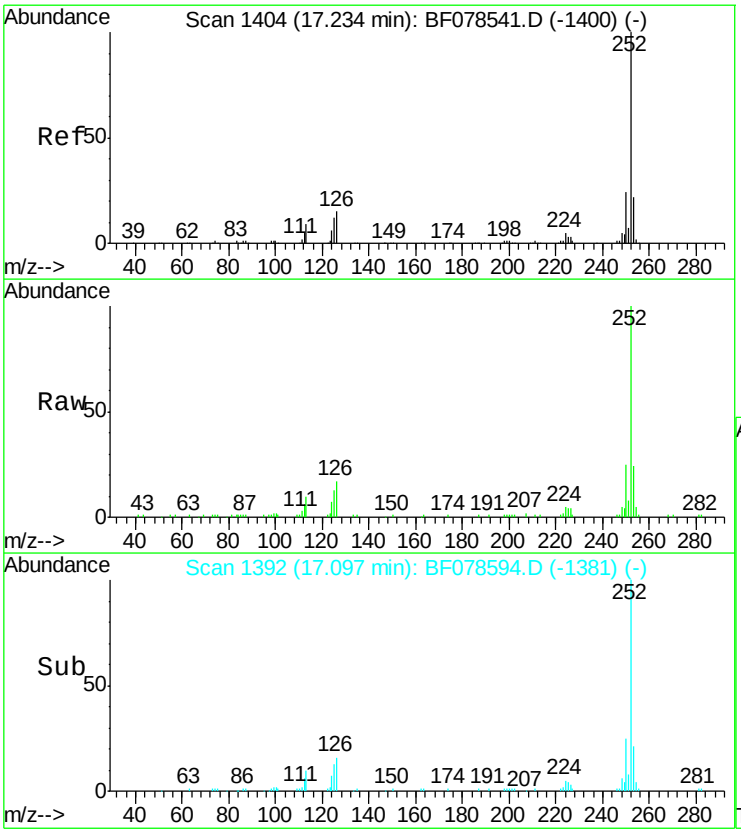
#88
Benzo(k)fluoranthene
Concen: 4.53 ng m
RT: 16.77 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:252 Resp: 33880

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.9	11.6	17.4#

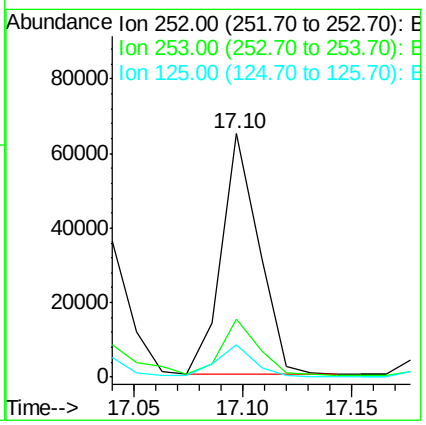


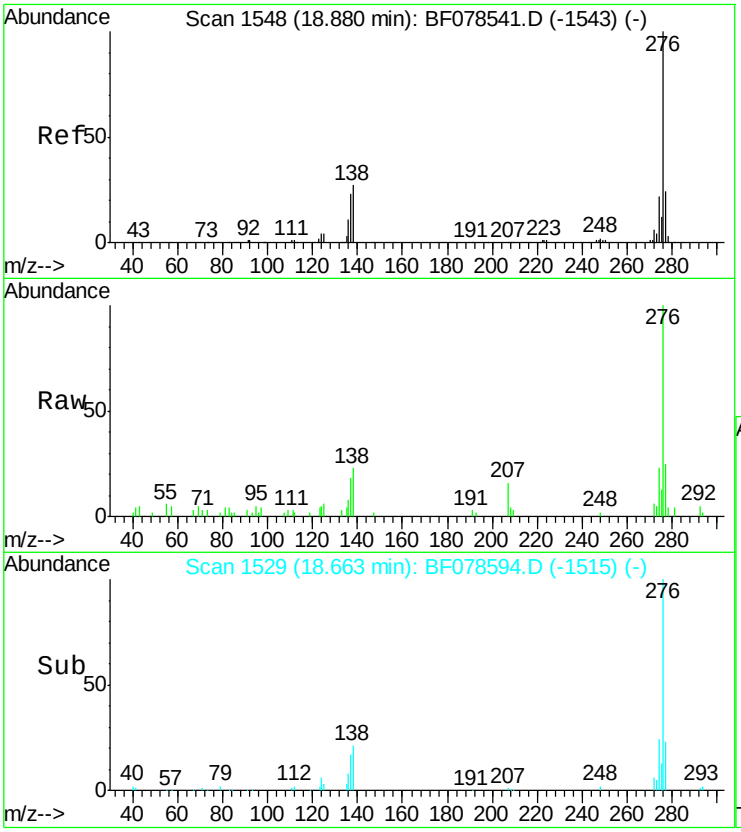


#89
Benzo(a)pyrene
Concen: 10.44 ng
RT: 17.10 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Tgt Ion:252 Resp: 76684

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.8	25.2
125	13.2	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 4.56 ng
RT: 18.66 min Scan# 1529
Delta R.T. 0.06 min
Lab File: BF078594.D
Acq: 17 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
HS-SB04BDL

Tgt Ion:276 Resp: 33590

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	22.9	19.9	29.9