Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077566.D
Acq On : 4 Mar 2015 1:56
Operator : TP/IZ
Sample : G1399-01DL 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB9DL

Quant Time: Mar 04 04:57:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	85611	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	335248	20.00	ng		0.00
38) Acenaphthene-d10	10.99	164	173545	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	335663	20.00	ng		0.00
75) Chrysene-d12	16.12	240	352862	20.00	ng		0.00
86) Perylene-d12	17.80	264	392962	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	8484	1.65	ng		0.00
7) Phenol-d6	6.80	99	10465	1.59	ng		0.00
23) Nitrobenzene-d5	7.92	82	5935	1.10	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	2214	1.32	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	13090	1.18	ng		0.00
78) Terphenyl-d14	14.82	244	15678	1.04	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	11.03	154	39651	4.07	ng		96
57) Fluorene	11.67	166	42721	3.55	ng		98
70) Phenanthrene	12.86	178	516678	26.56	ng		99
71) Anthracene	12.92	178	142836	7.40	ng		97
72) Carbazole	13.13	167	85659	4.67	ng		97
74) Fluoranthene	14.34	202	1335220	62.83	ng		98
77) Pyrene	14.62	202	1177212	54.54	ng	#	95
80) Benzo(a)anthracene	16.11	228	740803	35.82	ng		95
82) Chrysene	16.11	228	711942	36.66	ng		94
85) Indeno(1,2,3-cd)pyrene	19.22	276	255409	11.54	ng		99
87) Benzo(b)fluoranthene	17.37	252	995507	43.56	ng	#	95
88) Benzo(k)fluoranthene	17.37	252	1004456	44.85	ng		98
89) Benzo(a)pyrene	17.73	252	548437	25.20	ng		97
90) Dibenzo(a,h)anthracene	19.24	278	71607	3.45	ng	#	85
91) Benzo(g,h,i)perylene	19.65	276	248246	11.85	ng		97

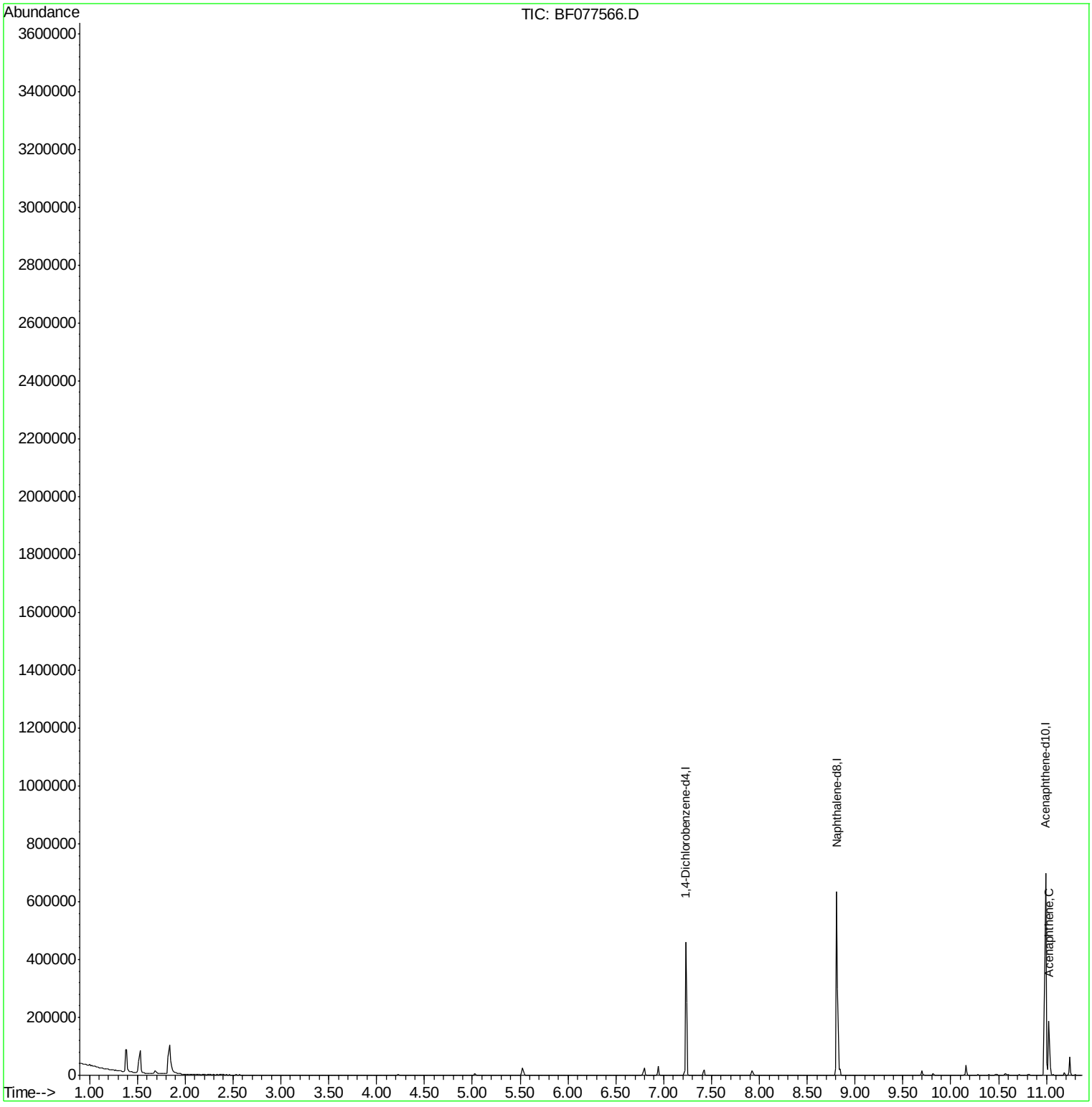
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077566.D
Acq On : 4 Mar 2015 1:56
Operator : TP/IZ
Sample : G1399-01DL 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9DL

Quant Time: Mar 04 04:57:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

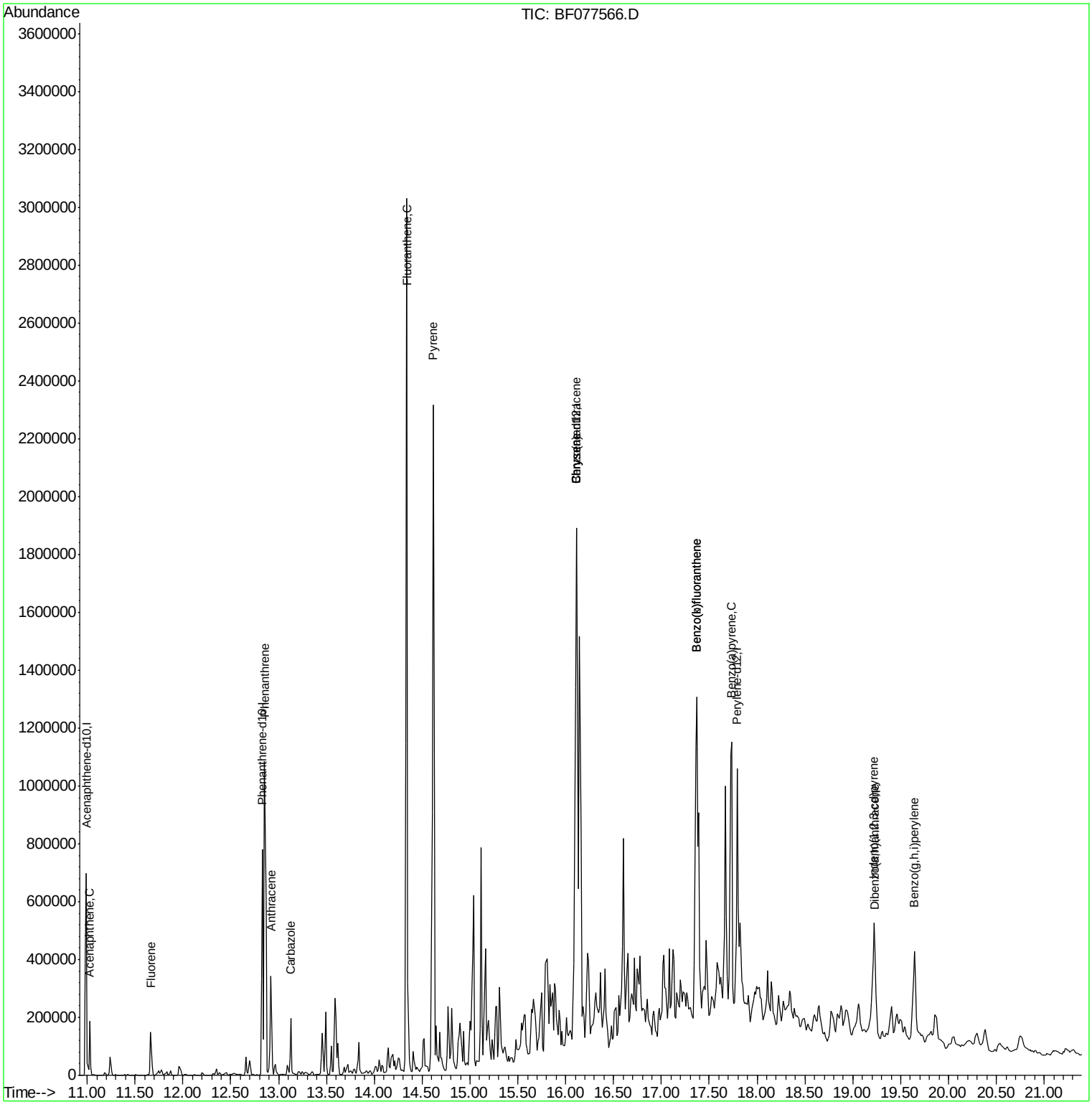


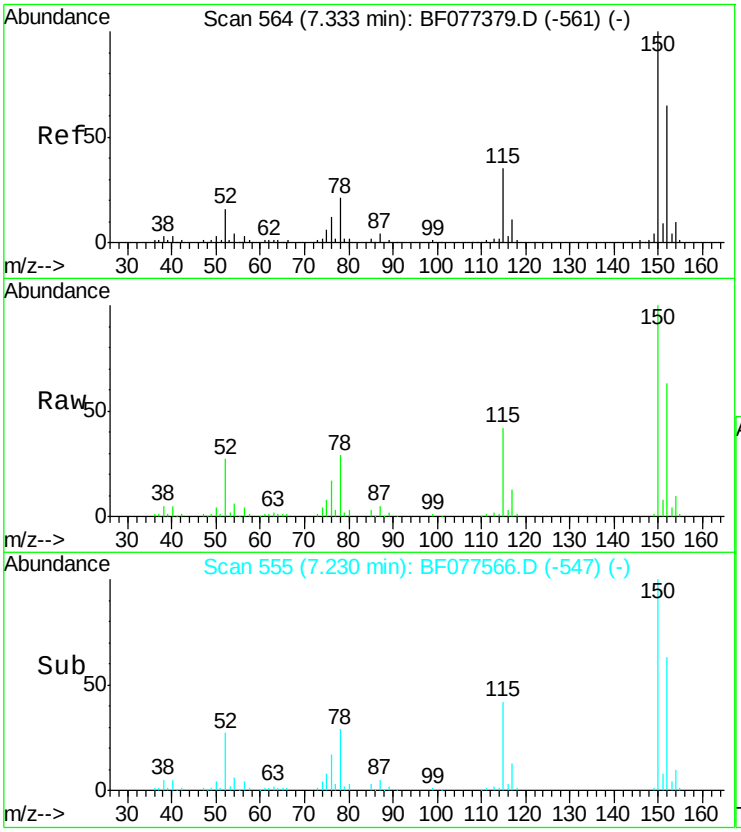
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077566.D
Acq On : 4 Mar 2015 1:56
Operator : TP/IZ
Sample : G1399-01DL 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9DL

Quant Time: Mar 04 04:57:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration



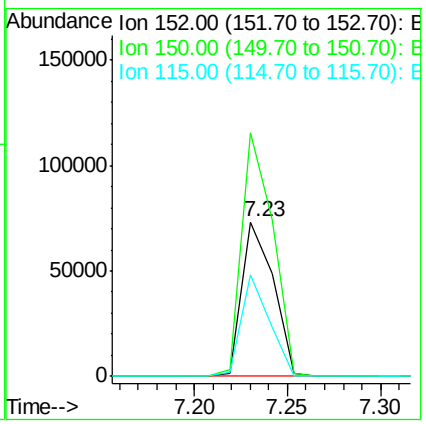


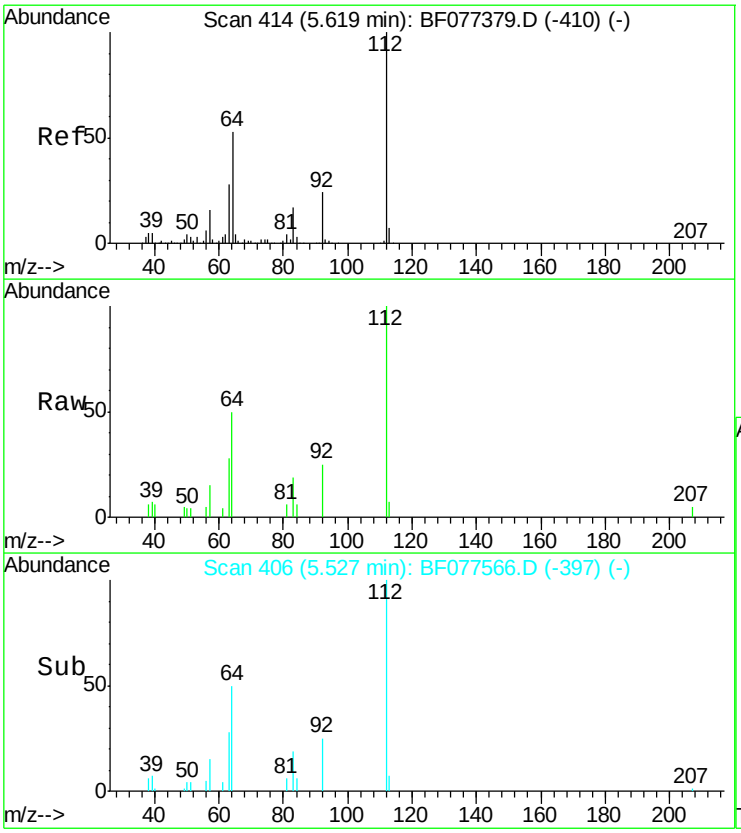
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:152 Resp: 85611

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.0	186.0
115	66.0	49.4	74.2

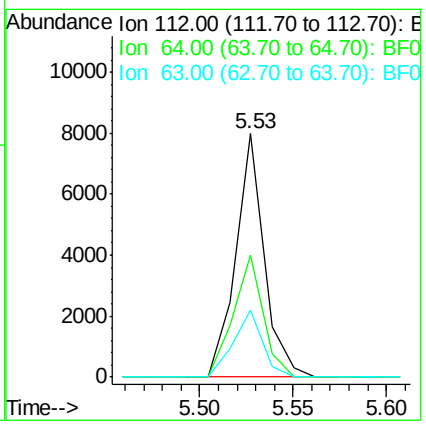


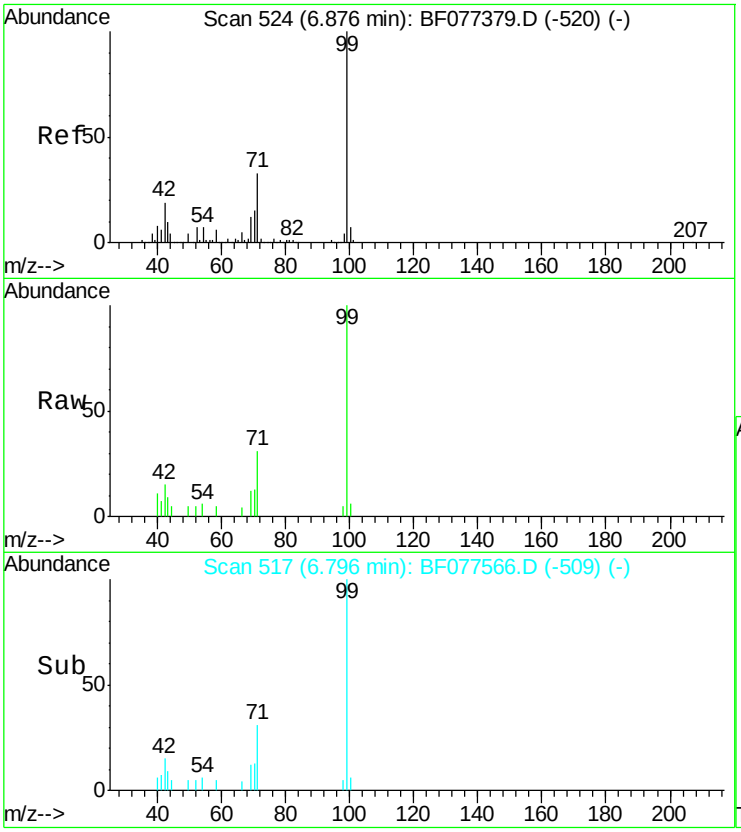


#5
2-Fluorophenol
Concen: 1.65 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:112 Resp: 8484

Ion	Ratio	Lower	Upper
112	100		
64	50.3	48.5	72.7
63	27.7	25.0	37.4



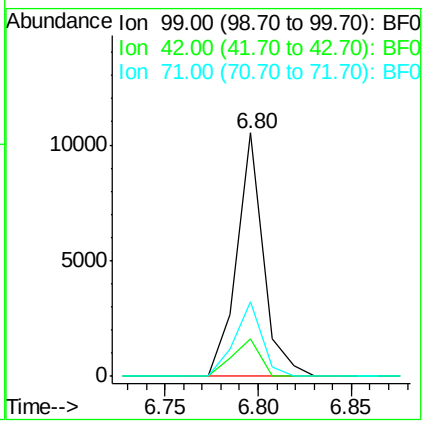


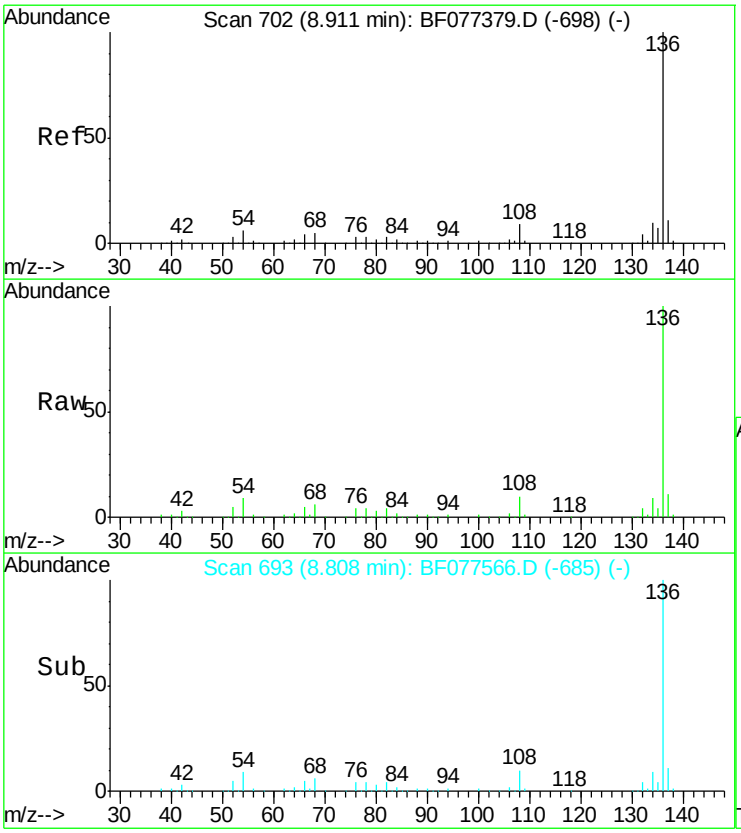
#7
Phenol-d6
Concen: 1.59 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion: 99 Resp: 10465

Ion	Ratio	Lower	Upper
99	100		
42	15.2	16.2	24.4#
71	30.8	26.7	40.1

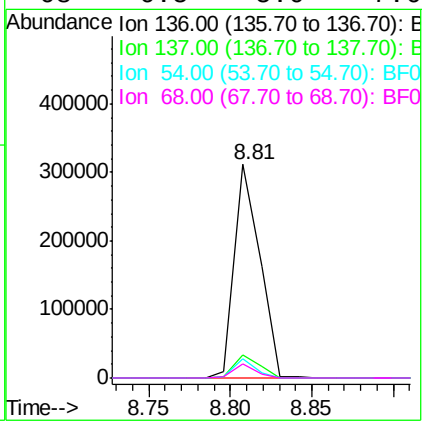


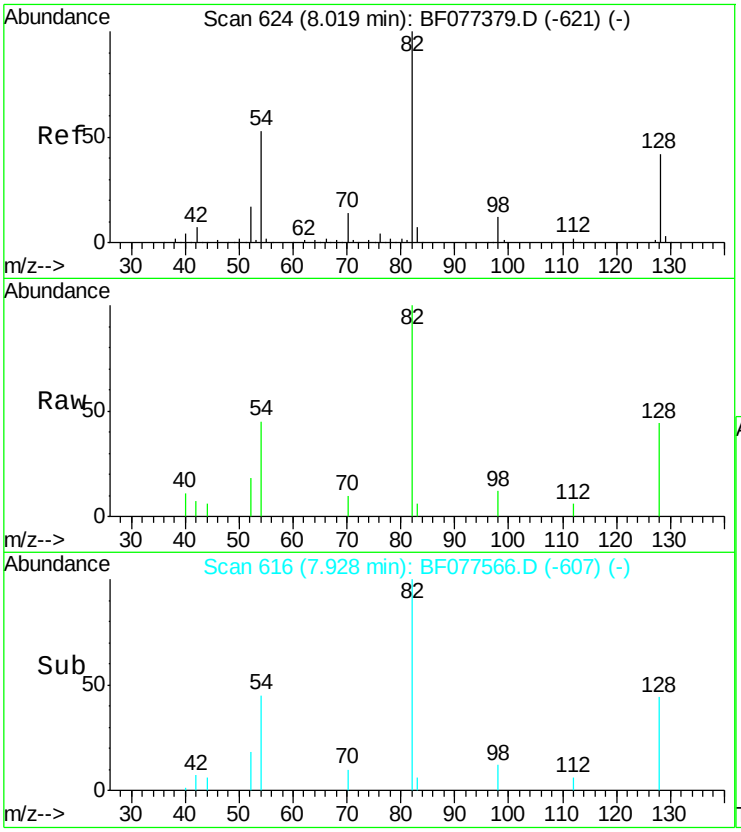


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:136 Resp: 335248

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	6.2	9.4
68	6.5	5.0	7.6



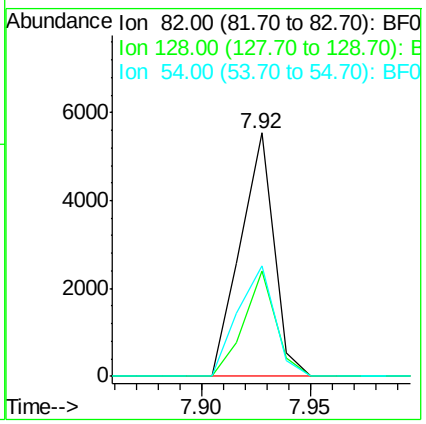


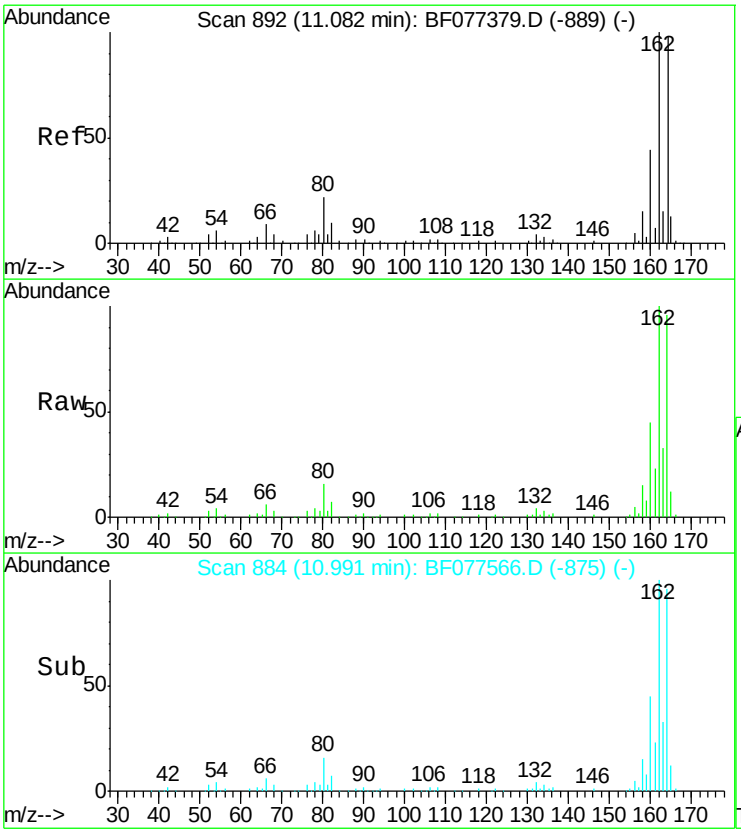
#23
Nitrobenzene-d5
Concen: 1.10 ng
RT: 7.92 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion: 82 Resp: 5935

Ion	Ratio	Lower	Upper
82	100		
128	43.5	43.8	65.8#
54	45.5	36.7	55.1

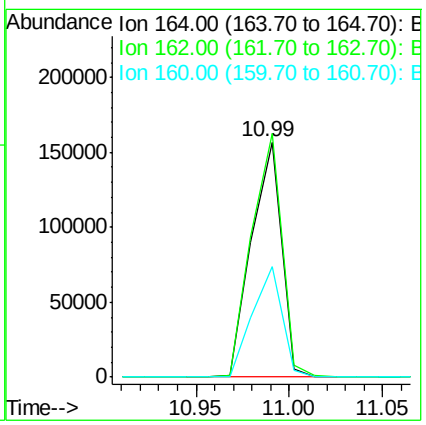


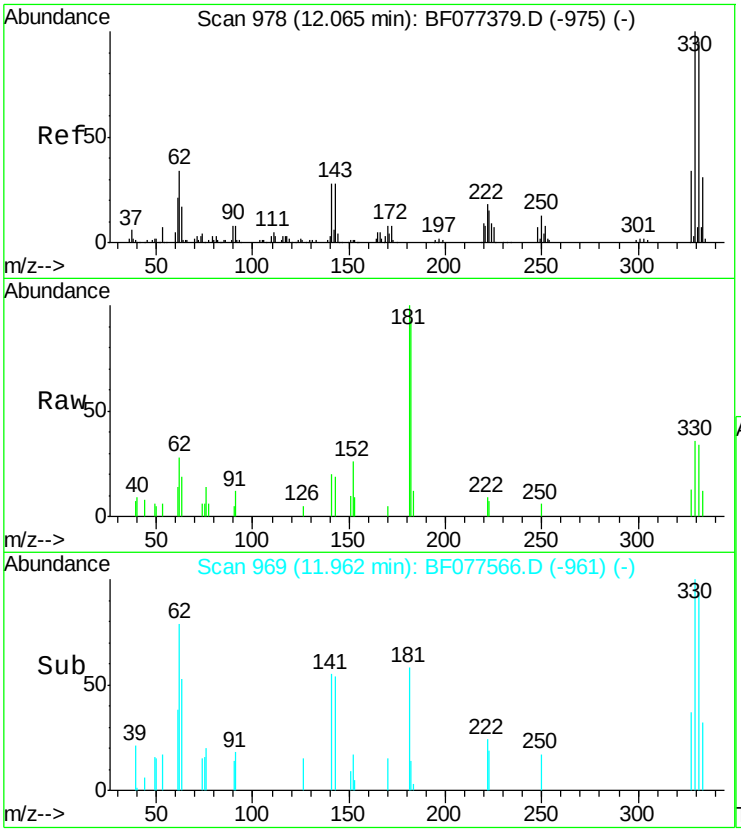


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:164 Resp: 173545

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.2	124.8
160	46.8	34.6	52.0



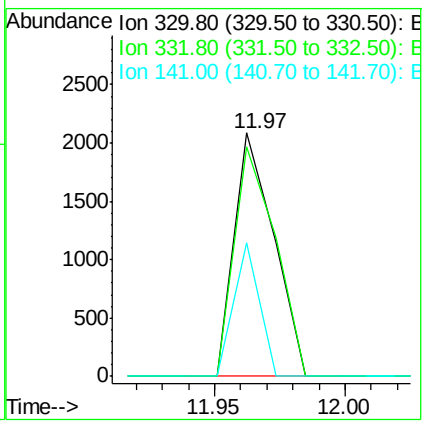


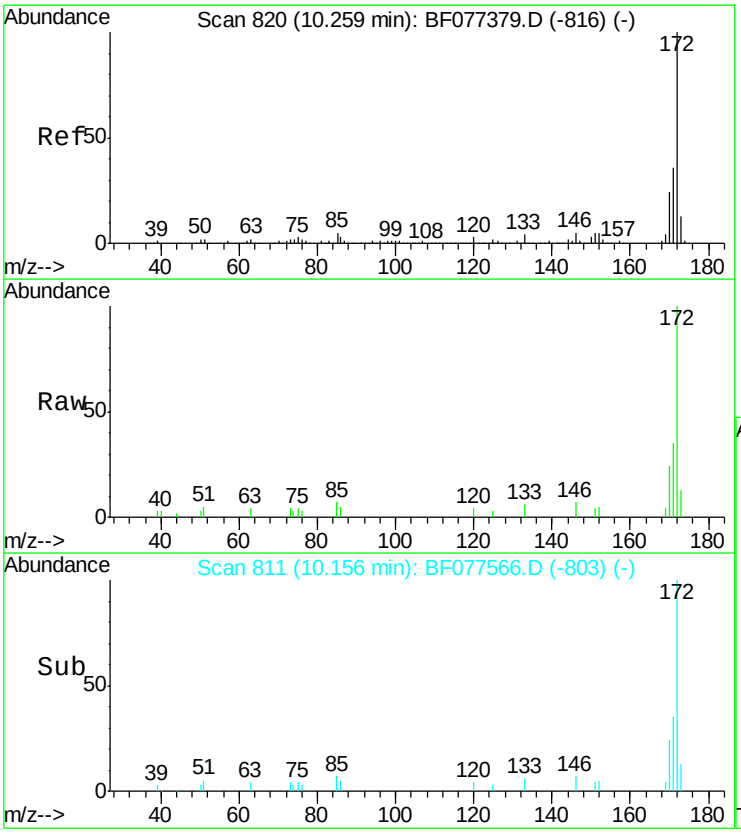
#41
2,4,6-Tribromophenol
Concen: 1.32 ng
RT: 11.97 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:330 Resp: 2214

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	35.3	28.8	43.2

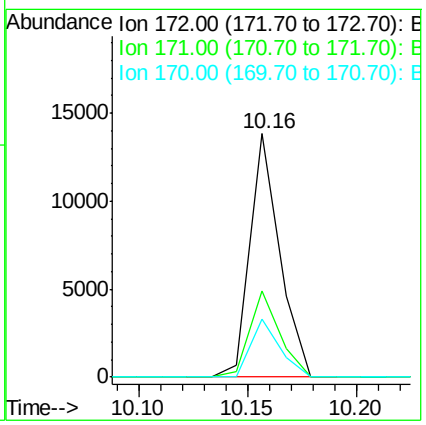


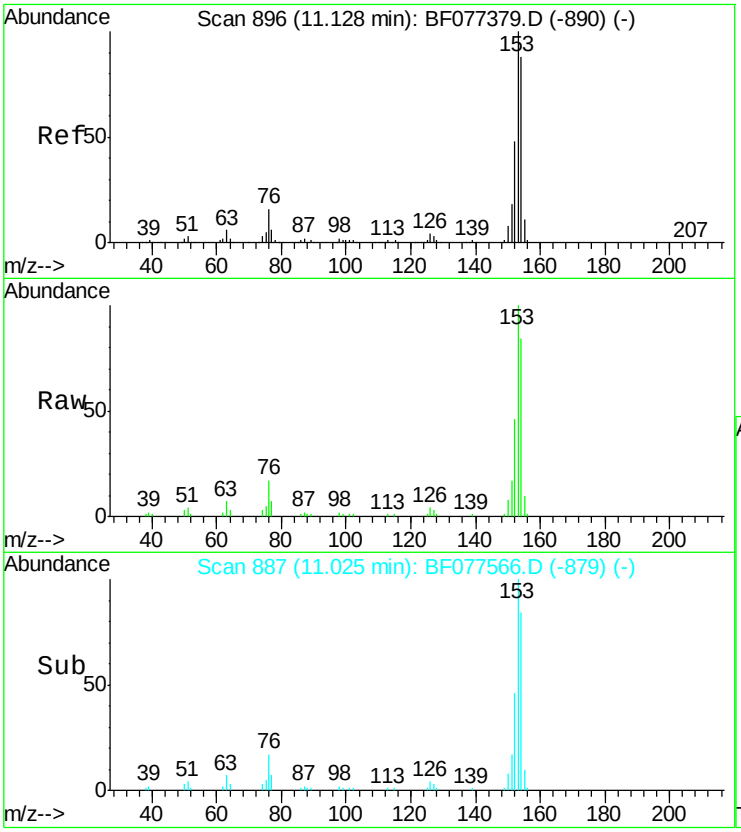


#44
2-Fluorobiphenyl
Concen: 1.18 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:172 Resp: 13090

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.9	19.4	29.2



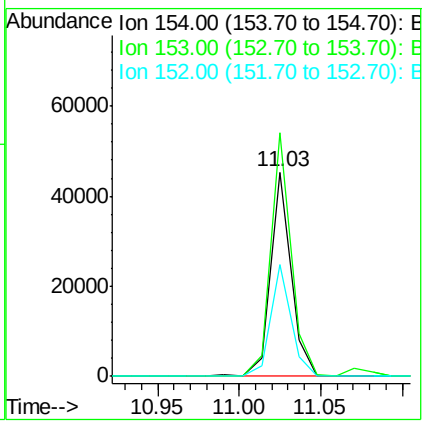


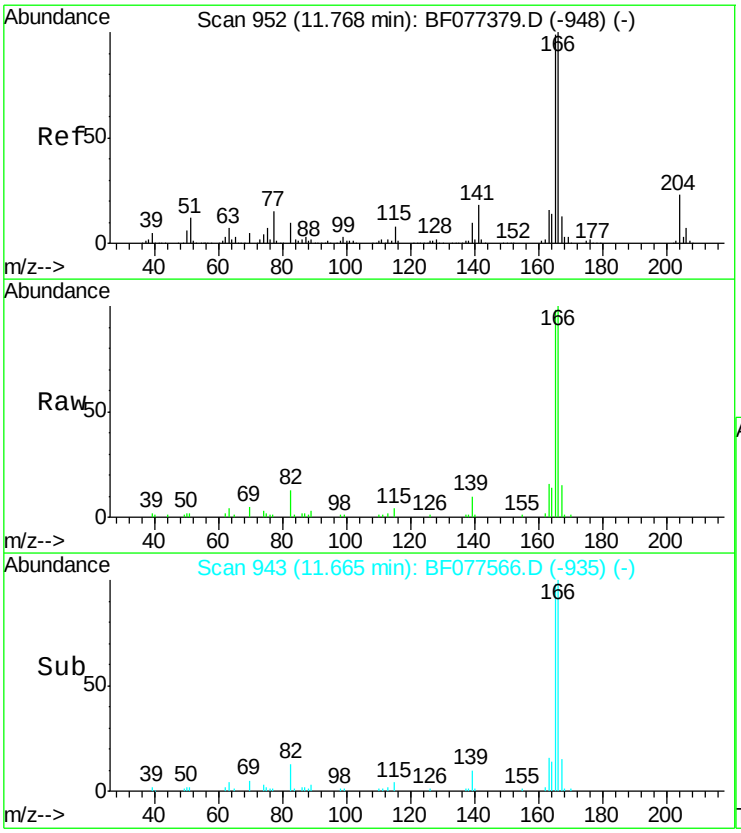
#51
Acenaphthene
Concen: 4.07 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:154 Resp: 39651

Ion	Ratio	Lower	Upper
154	100		
153	119.4	90.5	135.7
152	55.1	43.5	65.3

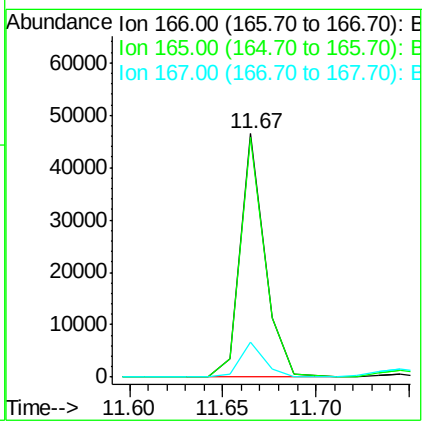


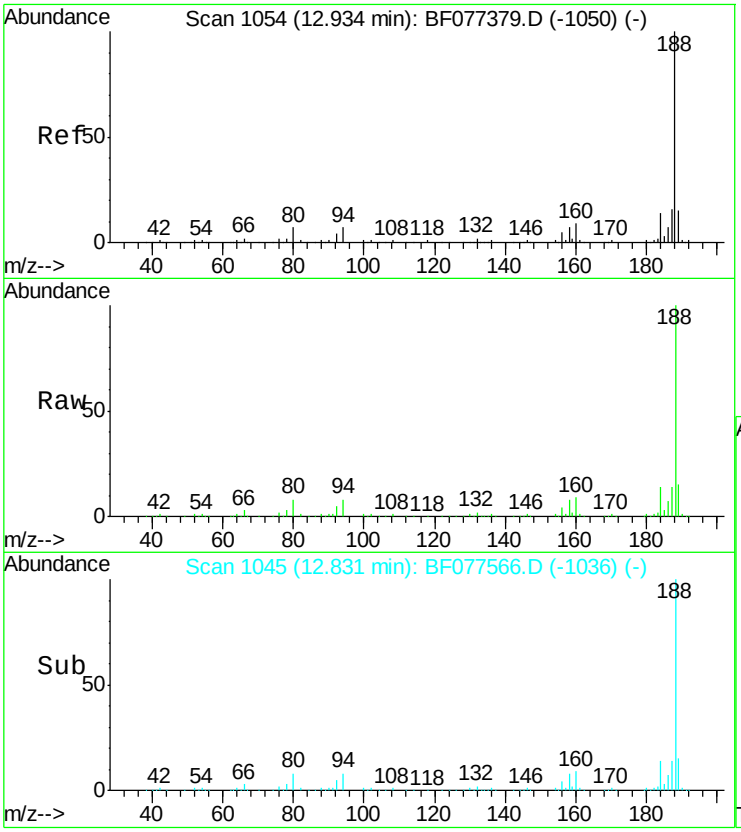


#57
Fluorene
Concen: 3.55 ng
RT: 11.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:166 Resp: 42721

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.6	116.4
167	14.6	10.6	16.0



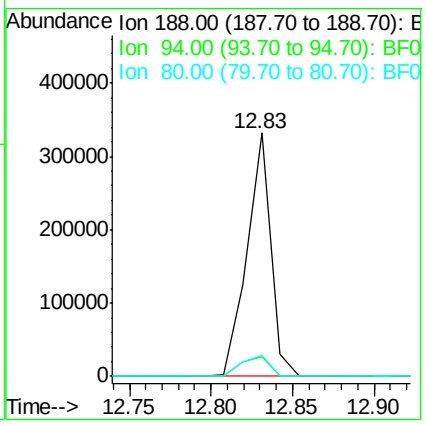


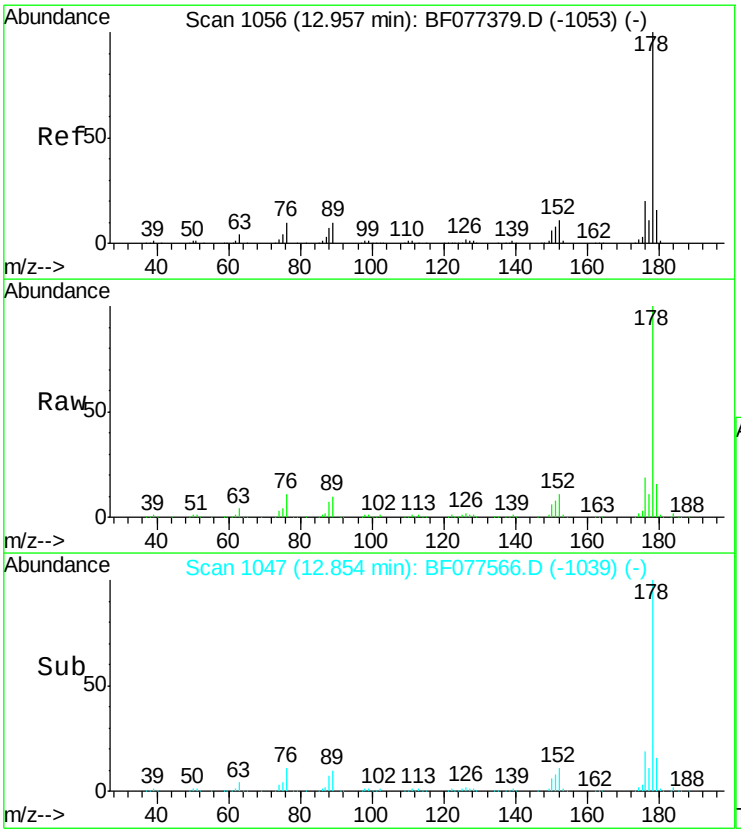
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:188 Resp: 335663

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.2
80	8.3	8.0	12.0

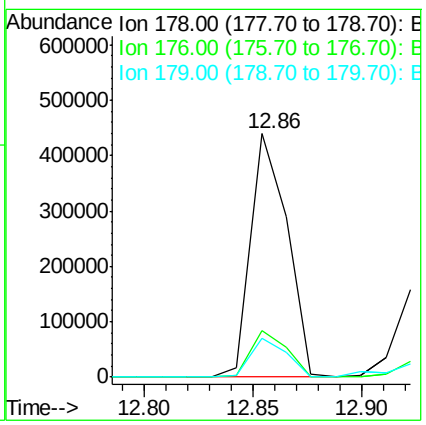


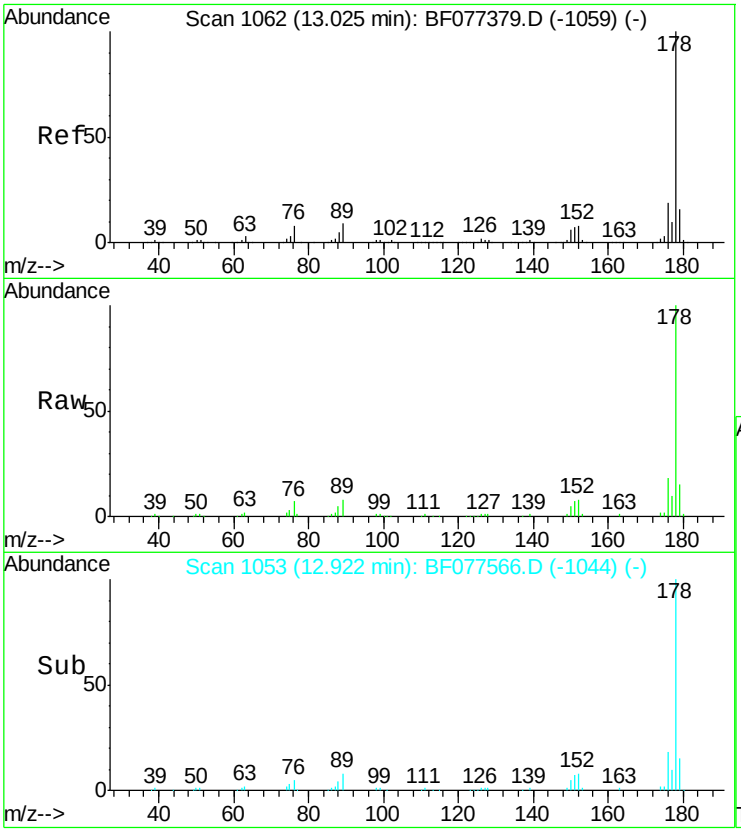


#70
Phenanthrene
Concen: 26.56 ng
RT: 12.86 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:178 Resp: 516678

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.7	12.2	18.2



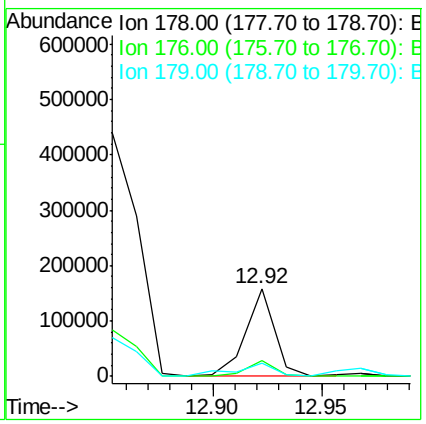


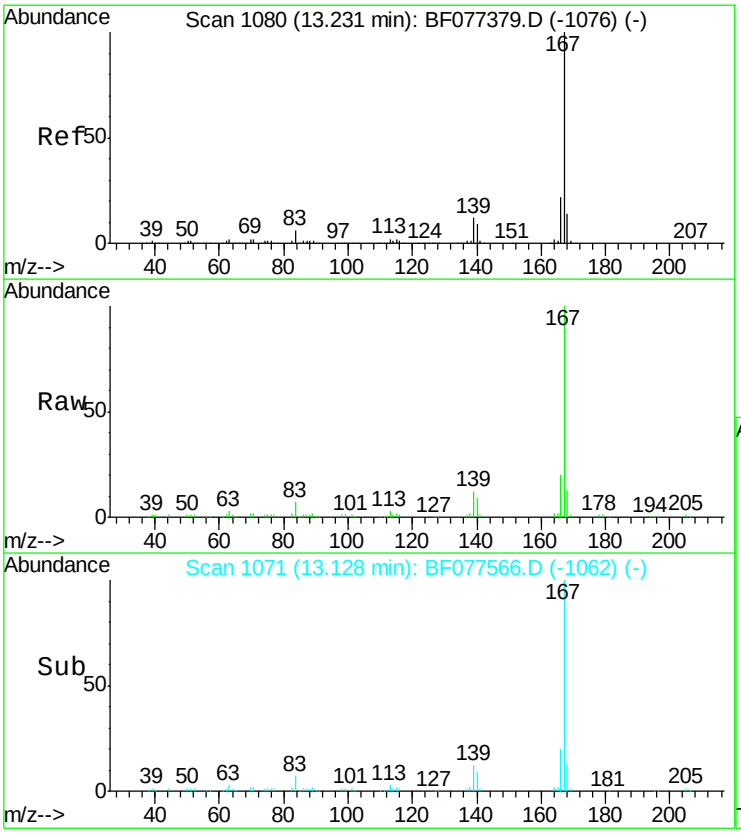
#71
Anthracene
Concen: 7.40 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:178 Resp: 142836

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.7	12.9	19.3

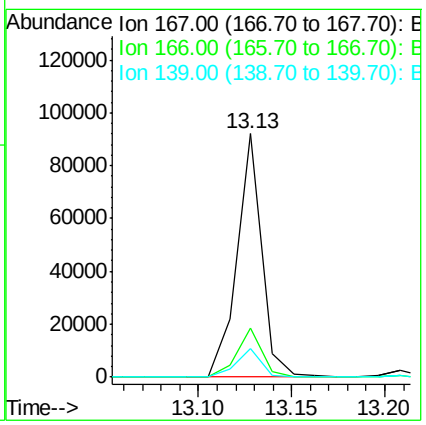


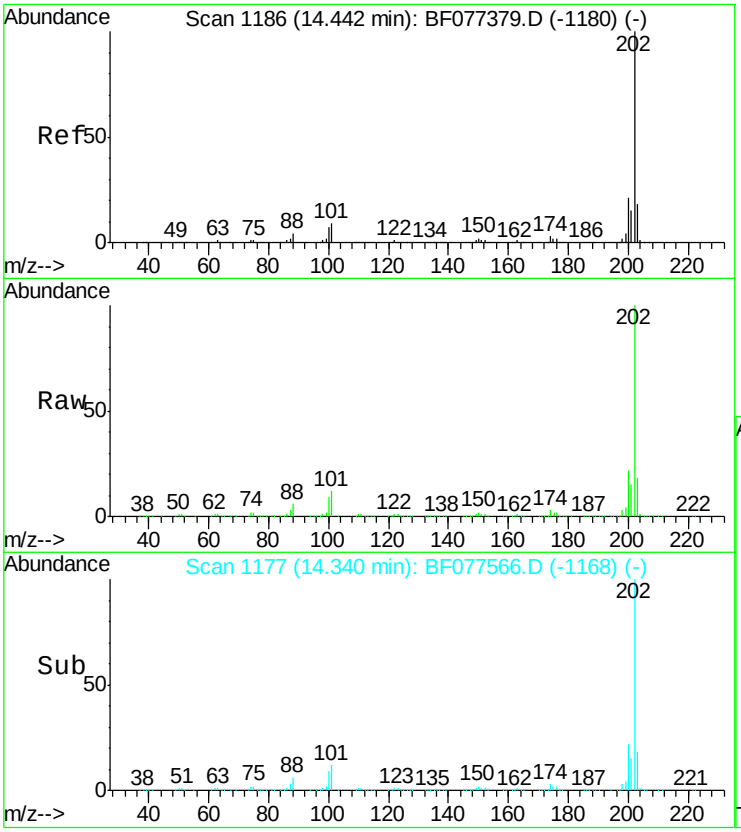


#72
Carbazole
Concen: 4.67 ng
RT: 13.13 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:167 Resp: 85659

Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.6	26.4
139	11.9	9.9	14.9



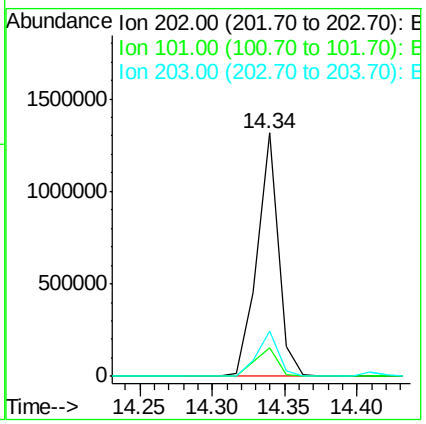


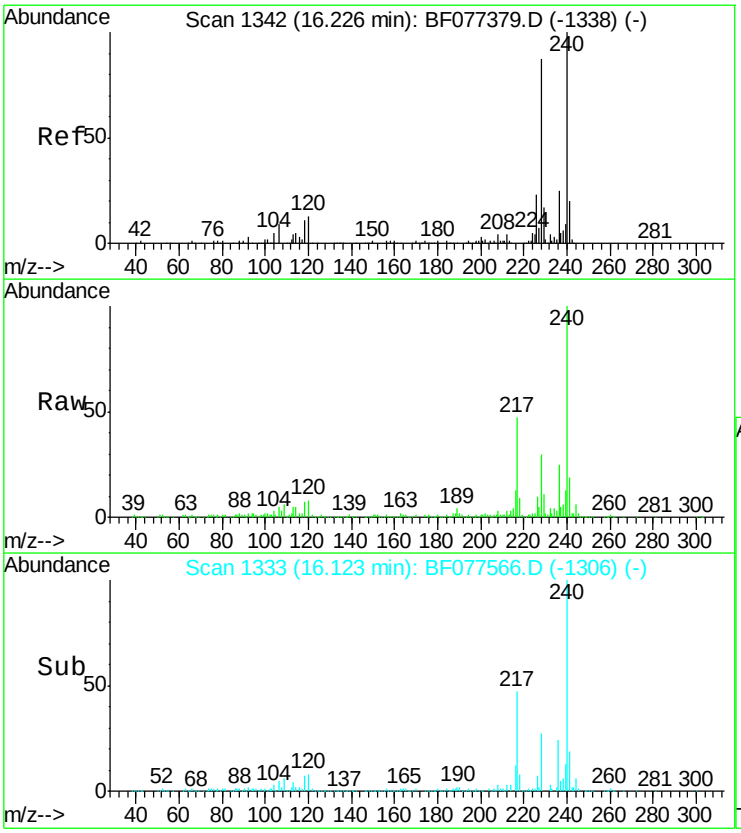
#74
Fluoranthene
Concen: 62.83 ng
RT: 14.34 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:202 Resp: 1335220

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.8
203	18.4	0.0	37.7

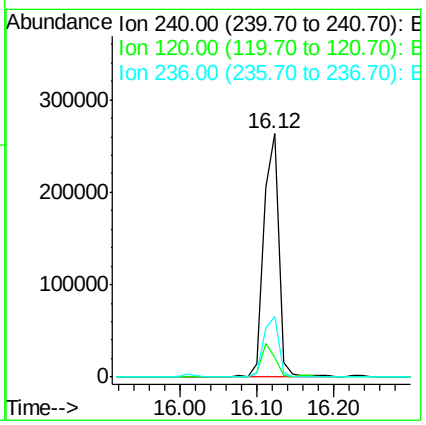


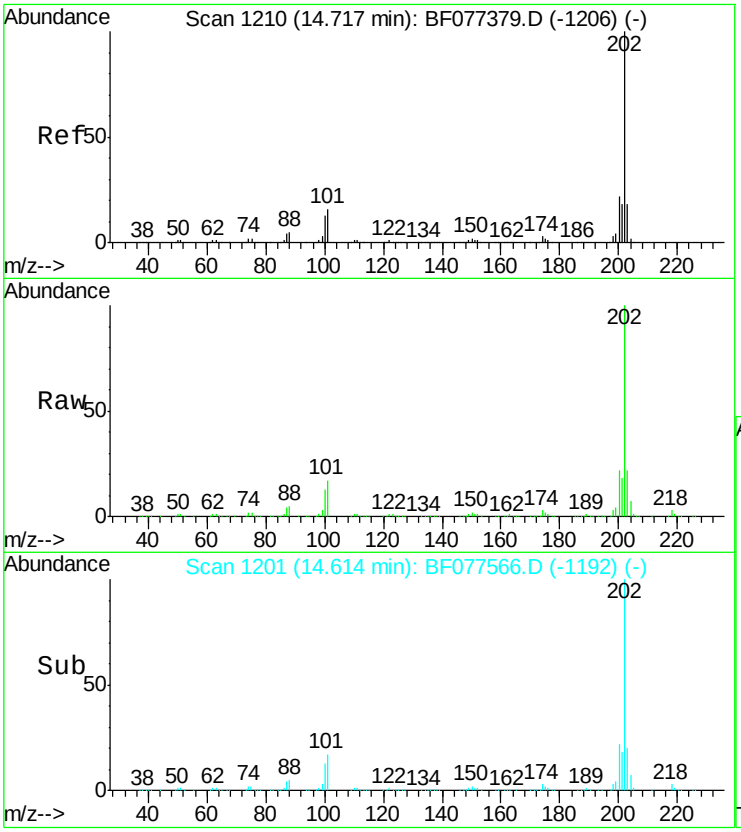


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:240 Resp: 352862

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.8	13.2#
236	24.7	20.7	31.1



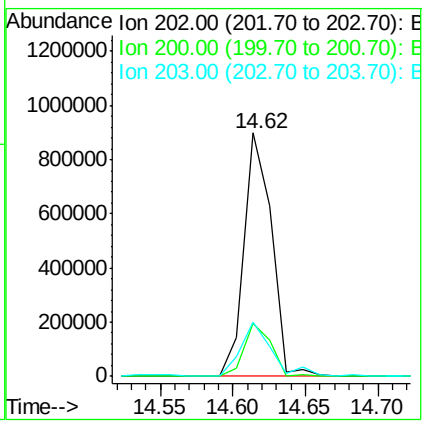


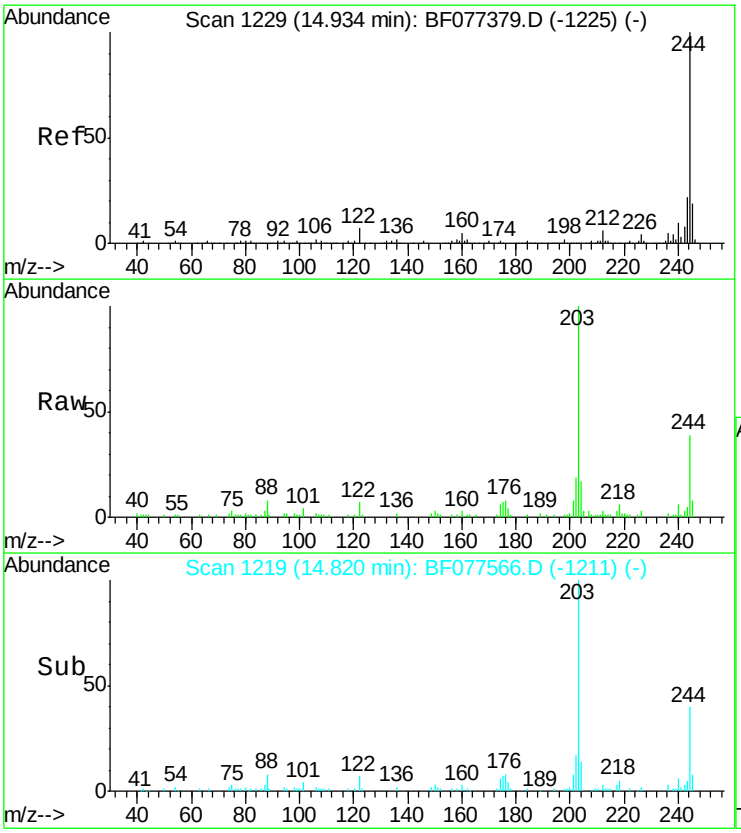
#77
Pyrene
Concen: 54.54 ng
RT: 14.62 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:202 Resp: 1177212

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	22.1	14.2	21.2#

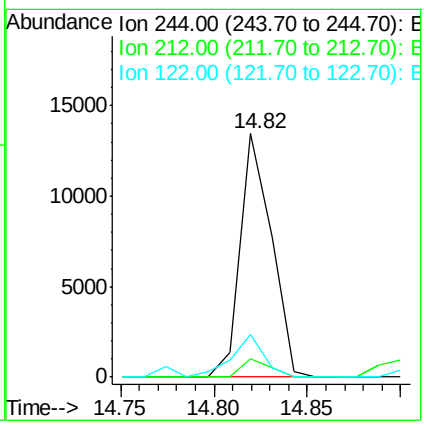


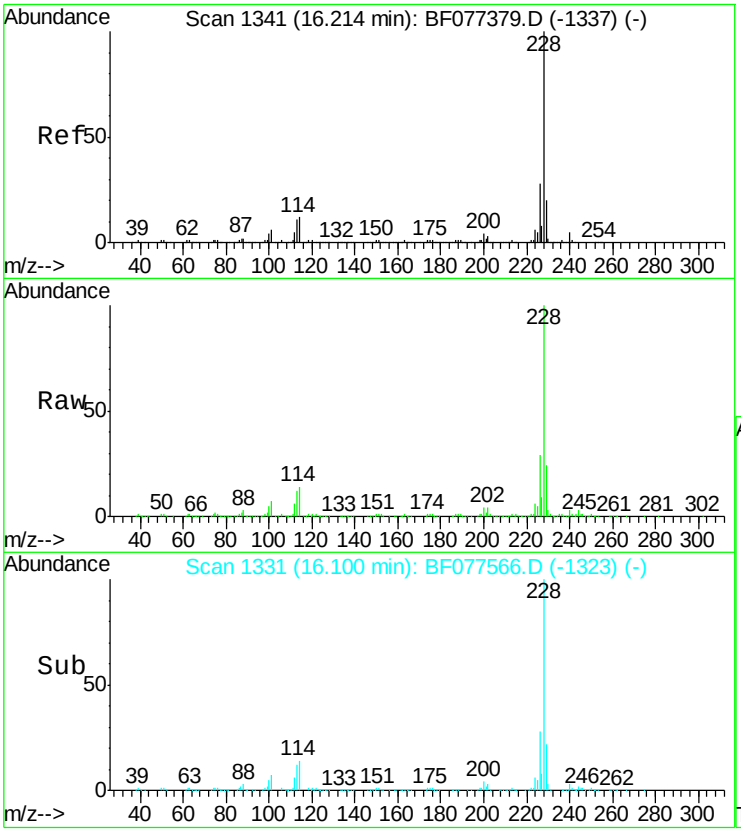


#78
Terphenyl-d14
Concen: 1.04 ng
RT: 14.82 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:244 Resp: 15678

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.2	7.8
122	17.6	7.8	11.8#



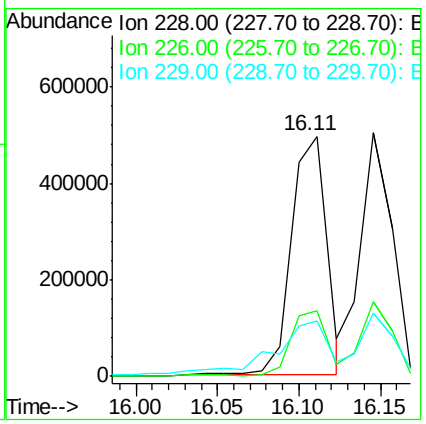


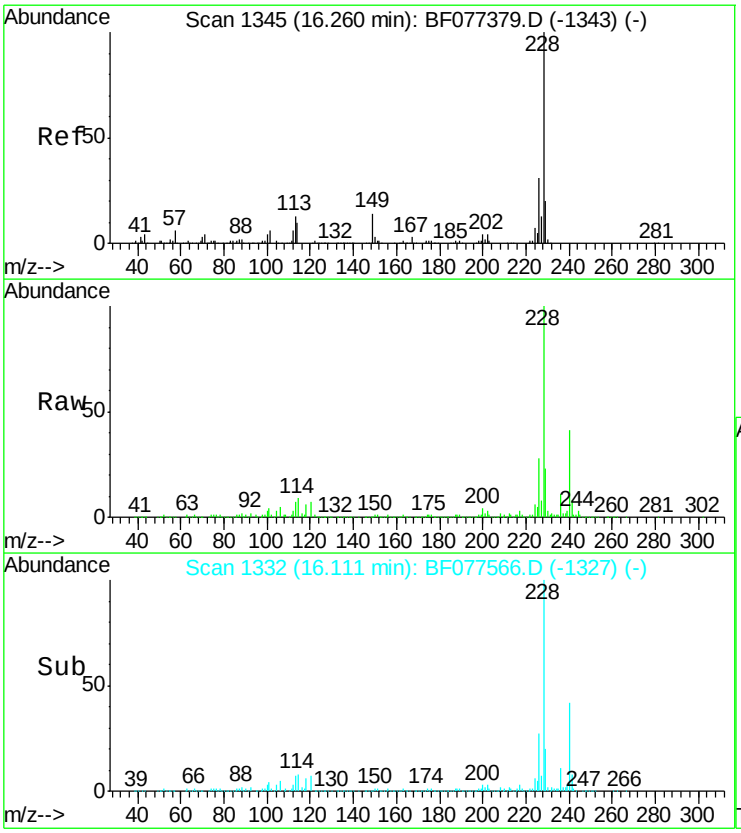
#80
Benzo(a)anthracene
Concen: 35.82 ng
RT: 16.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:228 Resp: 740803

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.0	33.0
229	23.6	15.8	23.8

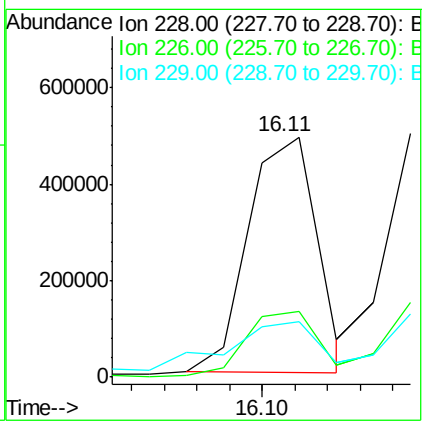


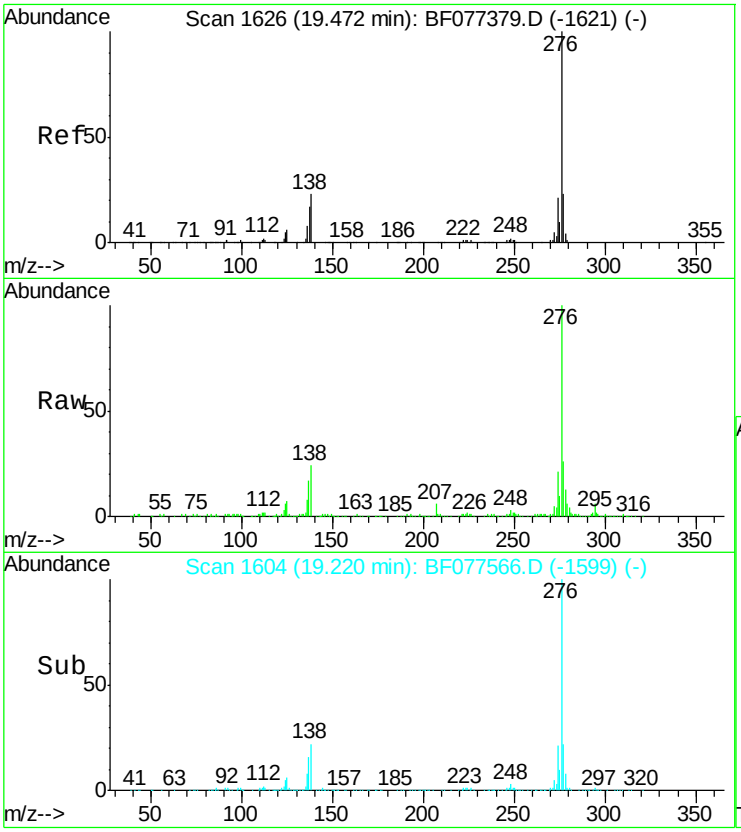


#82
Chrysene
Concen: 36.66 ng
RT: 16.11 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:228 Resp: 711942

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.9	37.3
229	23.2	16.4	24.6



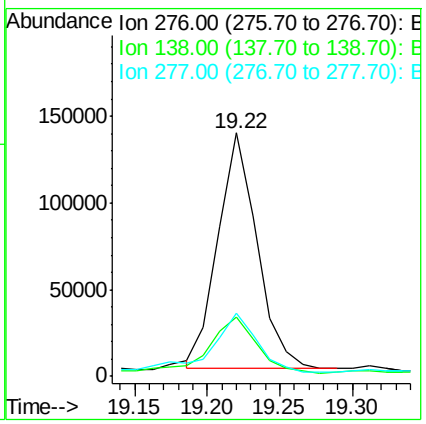


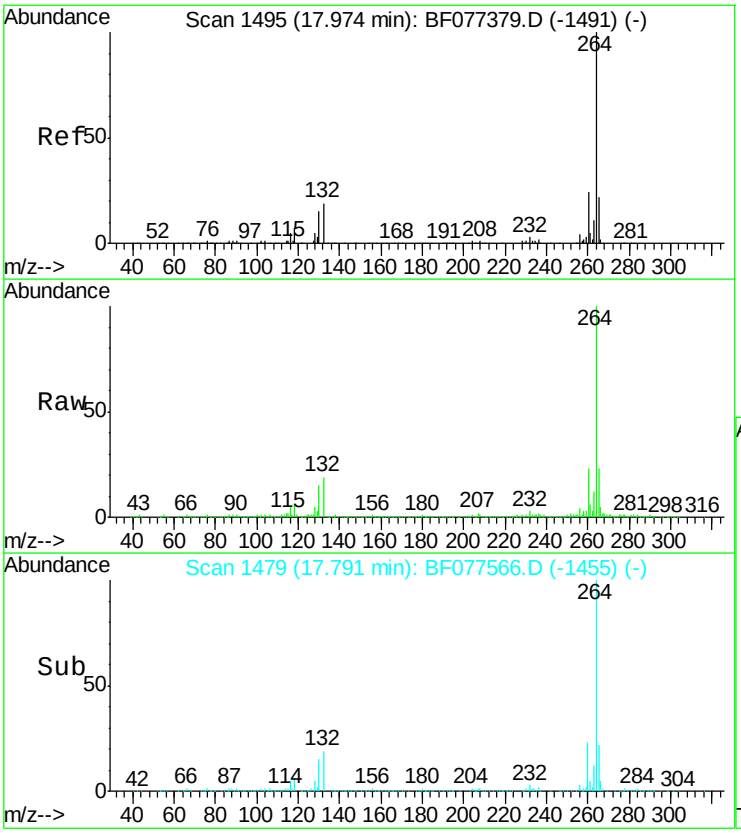
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.54 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.04 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:276 Resp: 255409

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.2	31.8
277	25.3	20.0	30.0

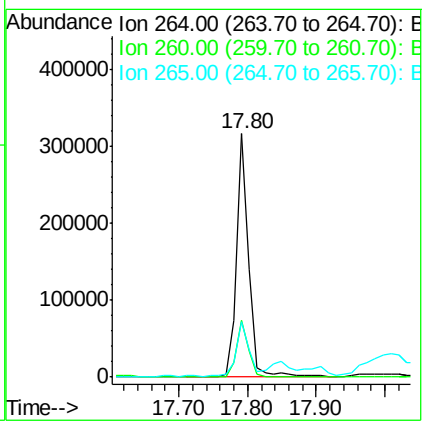


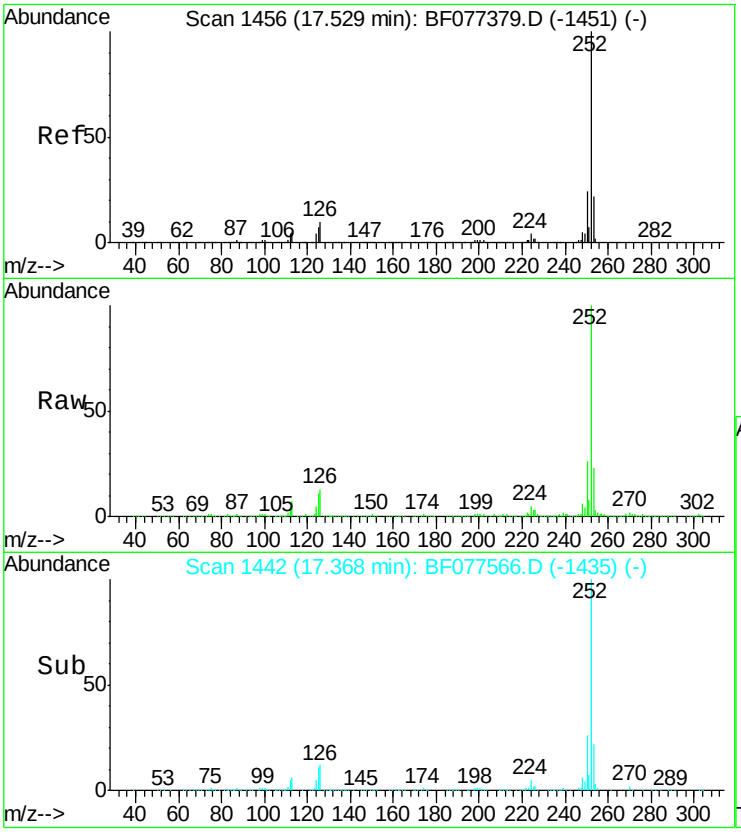


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:264 Resp: 392962

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.7	16.8	25.2



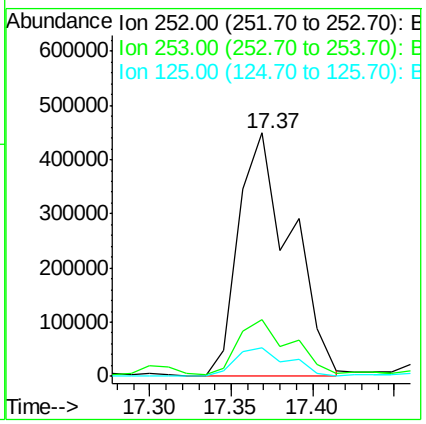


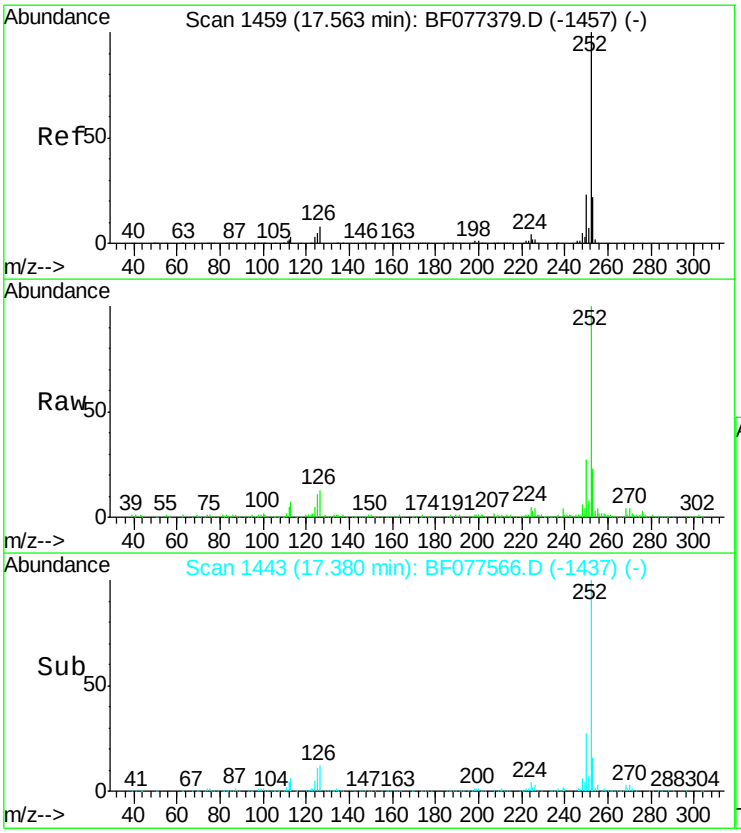
#87
Benzo(b)fluoranthene
Concen: 43.56 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:252 Resp: 995507

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.5	5.4	8.2#

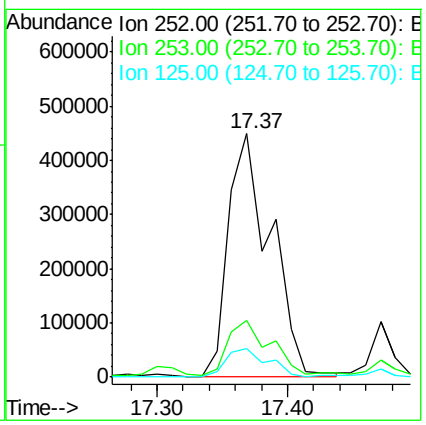


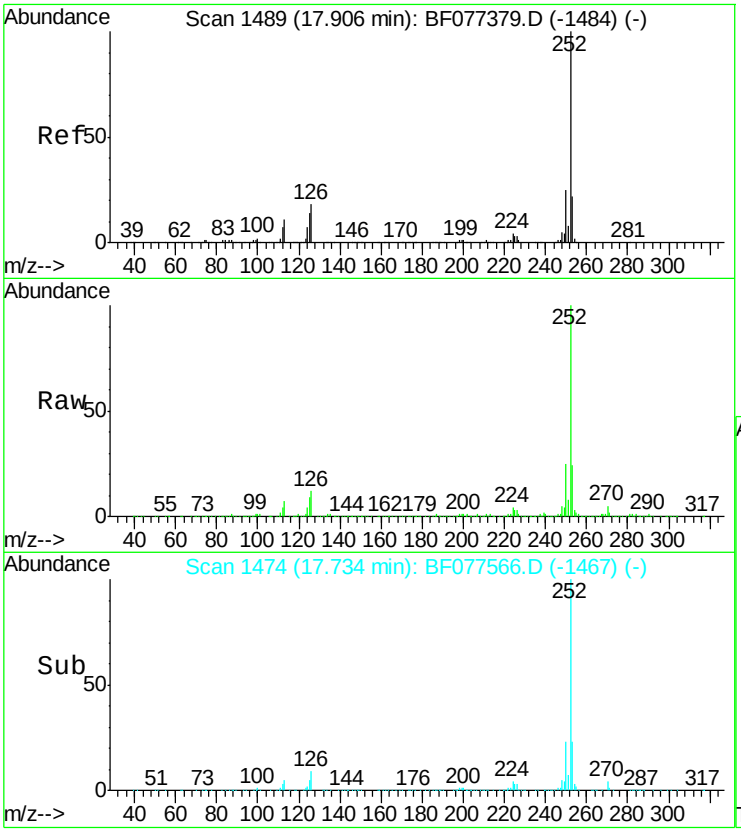


#88
Benzo(k)fluoranthene
Concen: 44.85 ng
RT: 17.37 min Scan# 1443
Delta R.T. -0.04 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:252 Resp: 1004456

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.2	10.1	15.1



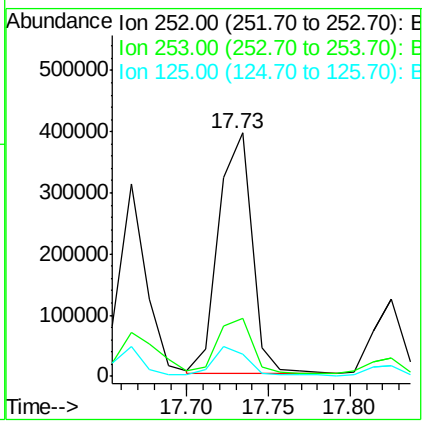


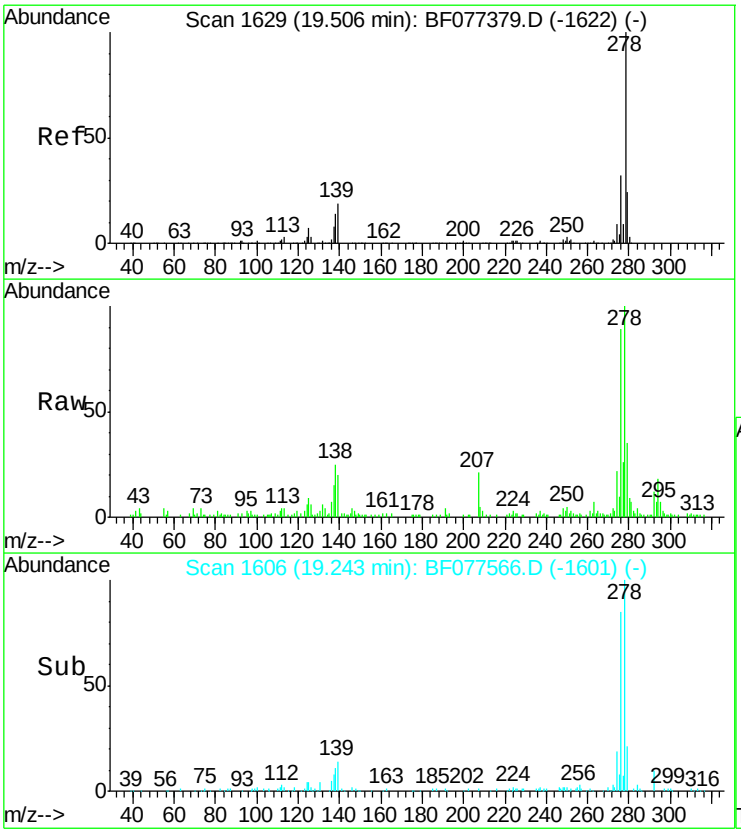
#89
Benzo(a)pyrene
Concen: 25.20 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.03 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:252 Resp: 548437

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	9.1	8.3	12.5

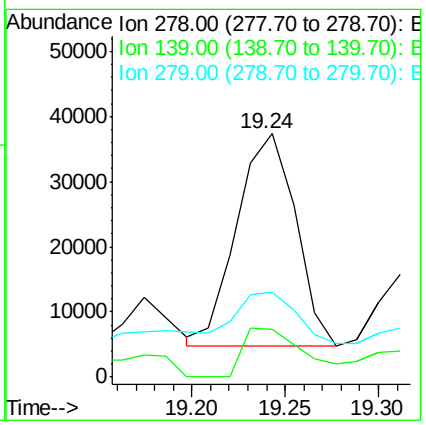


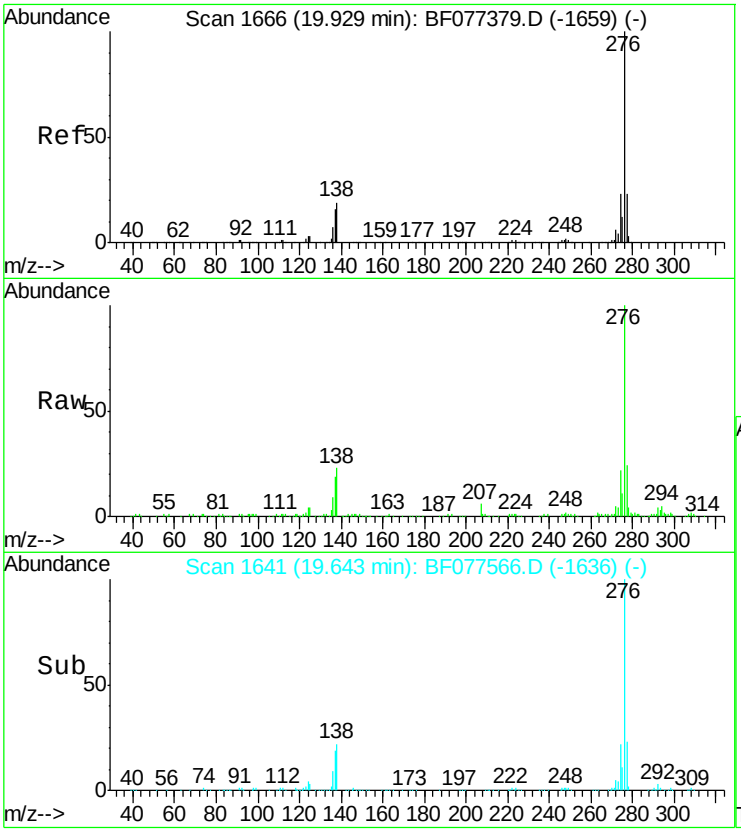


#90
Dibenzo(a,h)anthracene
Concen: 3.45 ng
RT: 19.24 min Scan# 1606
Delta R.T. -0.05 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Tgt Ion:278 Resp: 71607

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.3	21.5
279	35.0	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 11.85 ng
RT: 19.65 min Scan# 1641
Delta R.T. -0.04 min
Lab File: BF077566.D
Acq: 4 Mar 2015 1:56

Instrument :
BNA_F
ClientSampleId :
SB9DL

Tgt Ion:276 Resp: 248246

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	23.0	20.5	30.7