Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077530.D
Acq On : 2 Mar 2015 18:56
Operator : TP/IZ
Sample : G1399-05
Misc : S
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB13

Quant Time: Mar 03 03:03:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 23:46:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	93207	20.00	ng		0.00
21) Naphthalene-d8	8.84	136	373096	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	181061	20.00	ng		0.00
63) Phenanthrene-d10	12.86	188	357464	20.00	ng		0.00
75) Chrysene-d12	16.17	240	400648	20.00	ng		0.03
86) Perylene-d12	17.99	264	383742	20.00	ng		0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	494277	88.53	ng		0.01
7) Phenol-d6	6.82	99	607817	84.67	ng		0.00
23) Nitrobenzene-d5	7.95	82	349992	58.33	ng		0.00
41) 2,4,6-Tribromophenol	11.99	330	158938	91.17	ng		0.00
44) 2-Fluorobiphenyl	10.18	172	747156	64.34	ng		0.00
78) Terphenyl-d14	14.85	244	863425	50.38	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	10.84	152	41997	2.47	ng		98
49) Dimethylphthalate	10.69	163	34645	2.72	ng	#	98
70) Phenanthrene	12.89	178	132519	6.40	ng		100
71) Anthracene	12.95	178	50729	2.47	ng		99
74) Fluoranthene	14.36	202	428885	18.95	ng		98
77) Pyrene	14.64	202	468560	19.12	ng		100
80) Benzo(a)anthracene	16.16	228	284419	12.11	ng		95
82) Chrysene	16.20	228	202538	9.19	ng		98
87) Benzo(b)fluoranthene	17.53	252	377357	16.91	ng	#	92
88) Benzo(k)fluoranthene	17.53	252	305966	13.99	ng		97
89) Benzo(a)pyrene	17.92	252	211296	9.94	ng		97
91) Benzo(g,h,i)perylene	19.89	276	115794	5.66	ng		98

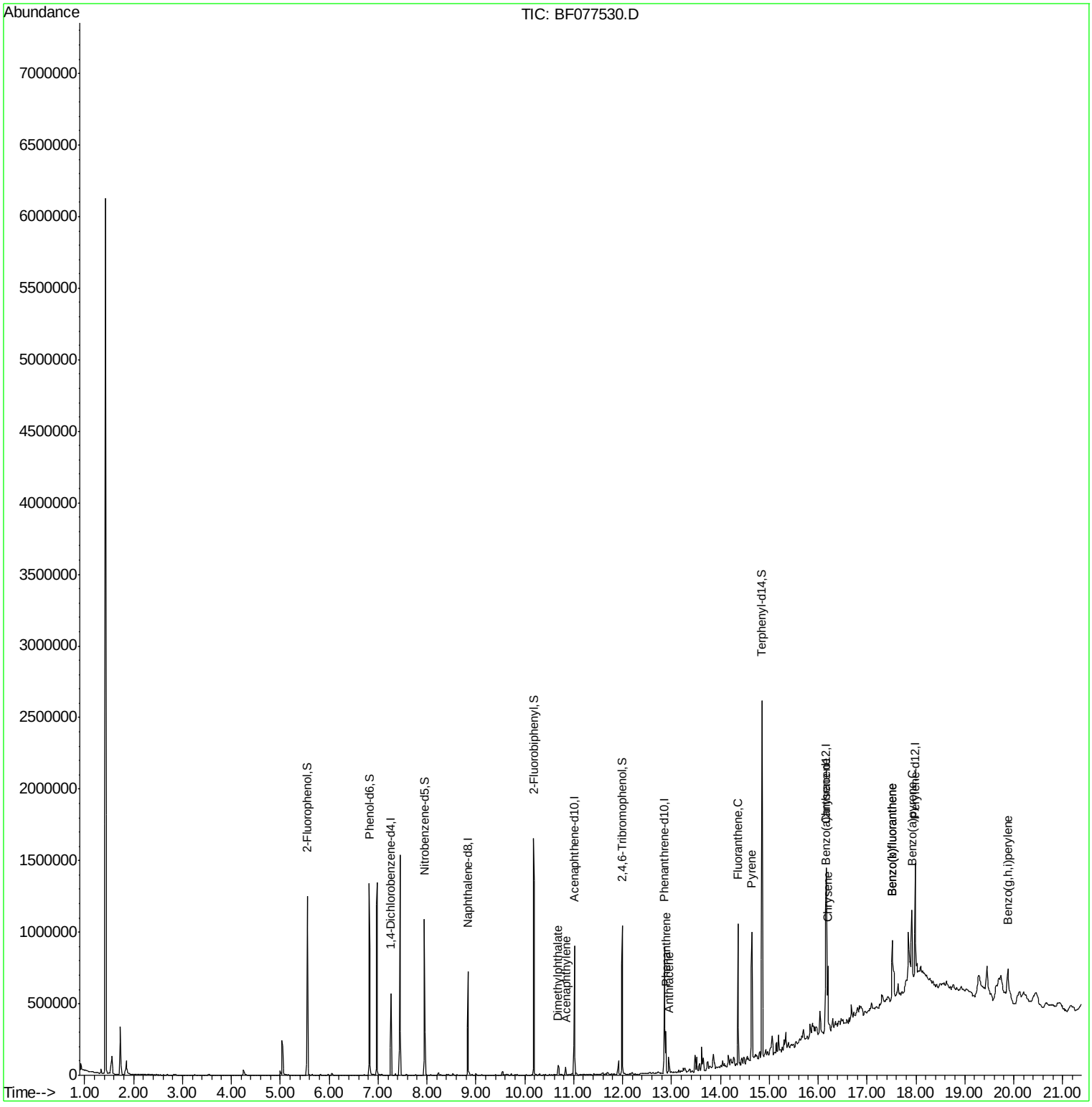
(#) = qualifier out of range (m) = manual integration (+) = signals summed

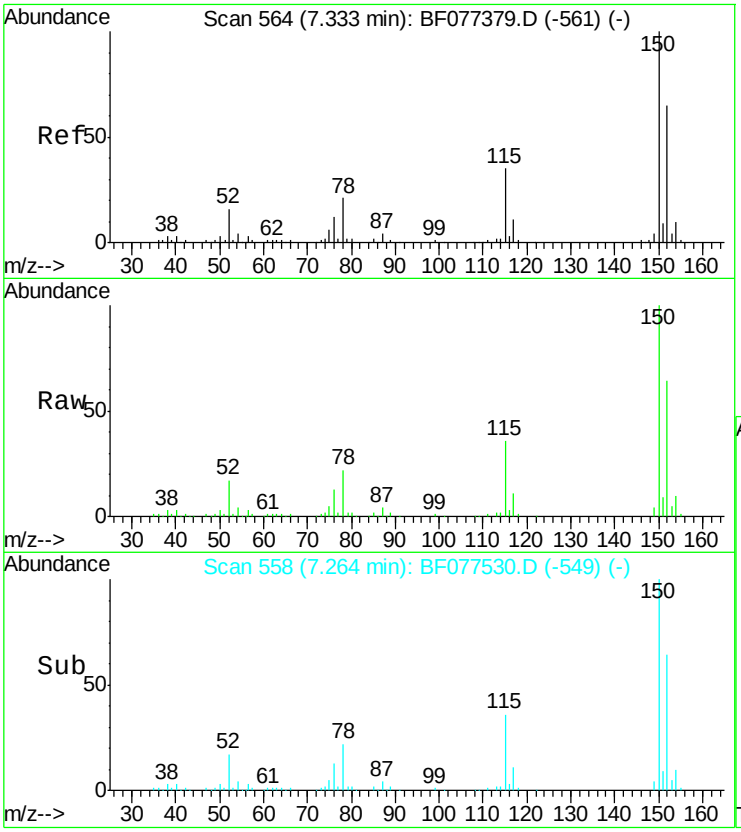
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077530.D
Acq On : 2 Mar 2015 18:56
Operator : TP/IZ
Sample : G1399-05
Misc : S
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB13

Quant Time: Mar 03 03:03:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 23:46:07 2015
Response via : Initial Calibration



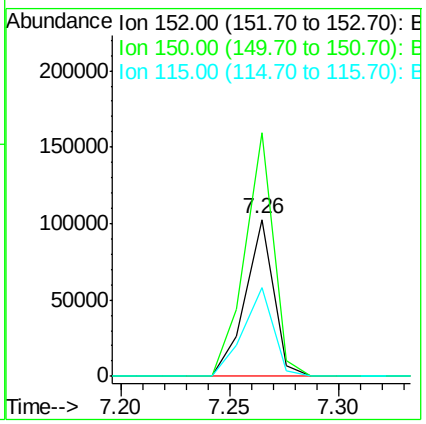


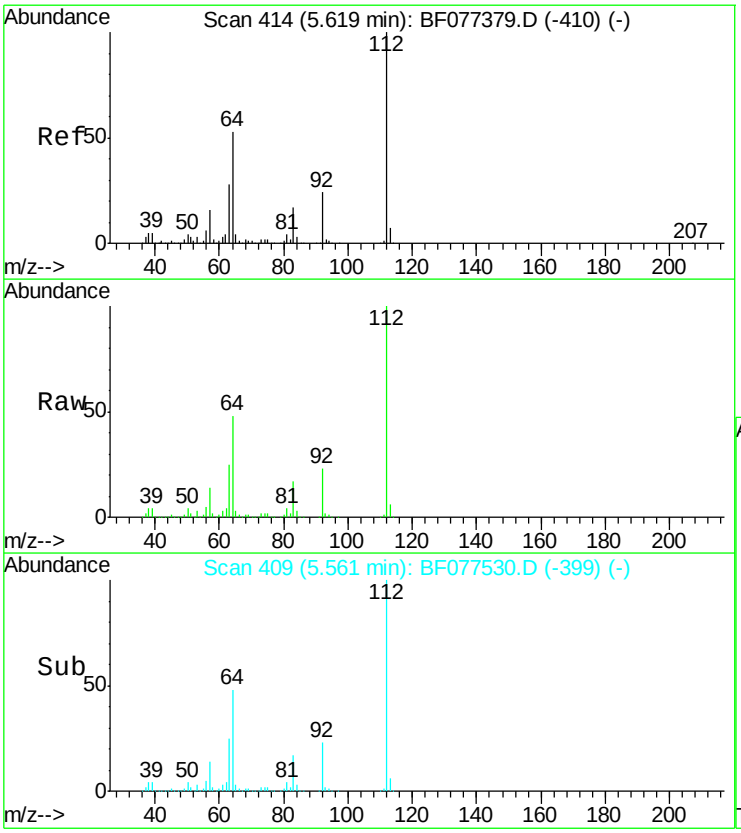
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:152 Resp: 93207

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.0	186.0
115	56.5	49.4	74.2

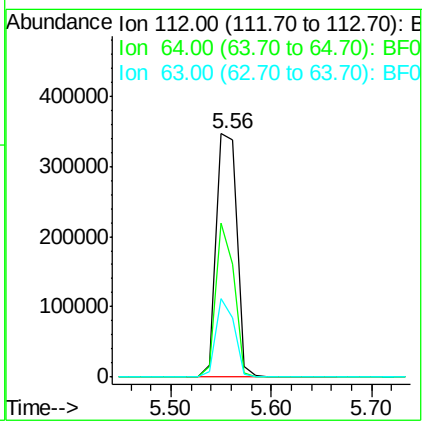


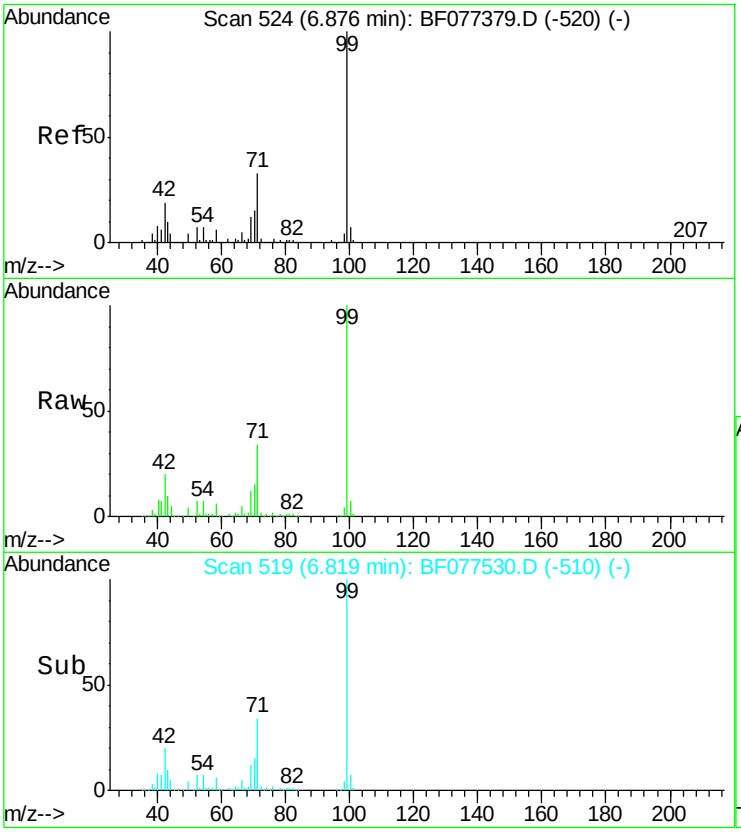


#5
2-Fluorophenol
Concen: 88.53 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:112 Resp: 494277

Ion	Ratio	Lower	Upper
112	100		
64	47.6	48.5	72.7#
63	24.9	25.0	37.4#



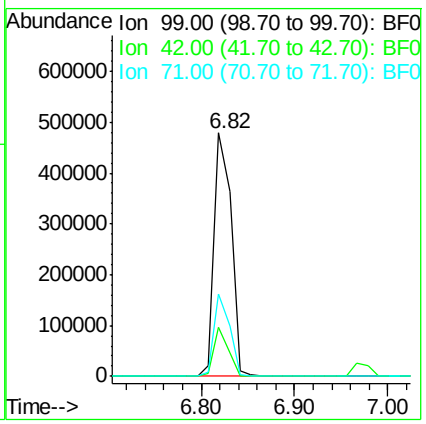


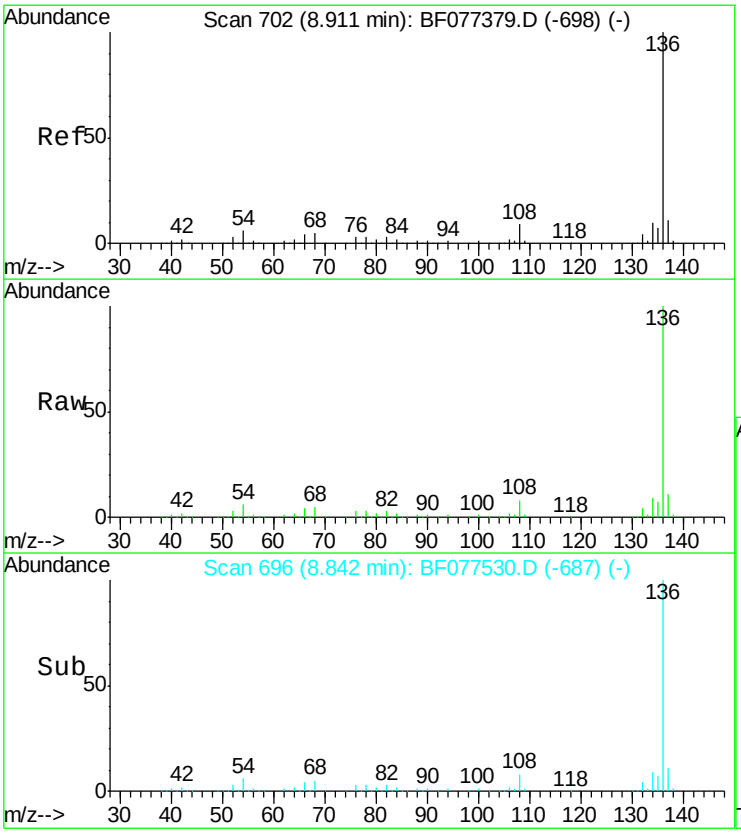
#7
Phenol-d6
Concen: 84.67 ng
RT: 6.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 99 Resp: 607817

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.4
71	34.0	26.7	40.1

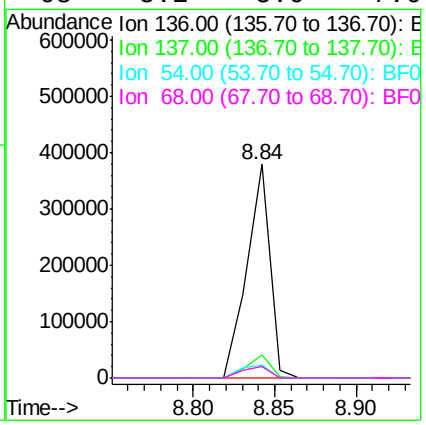


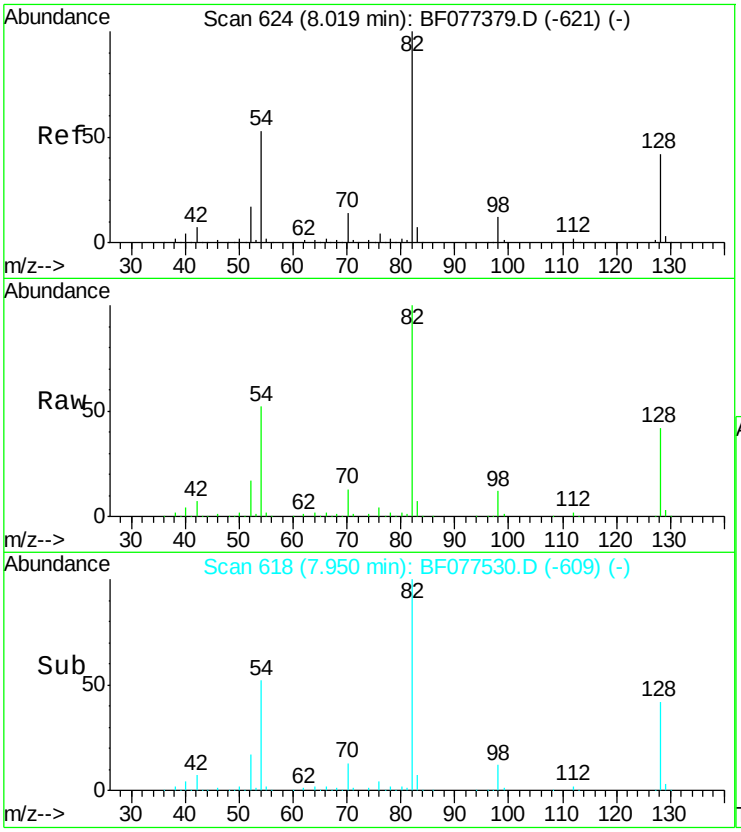


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:136 Resp: 373096

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.9	6.2	9.4#
68	5.2	5.0	7.6



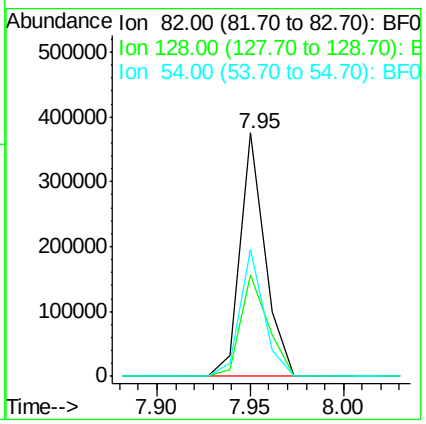


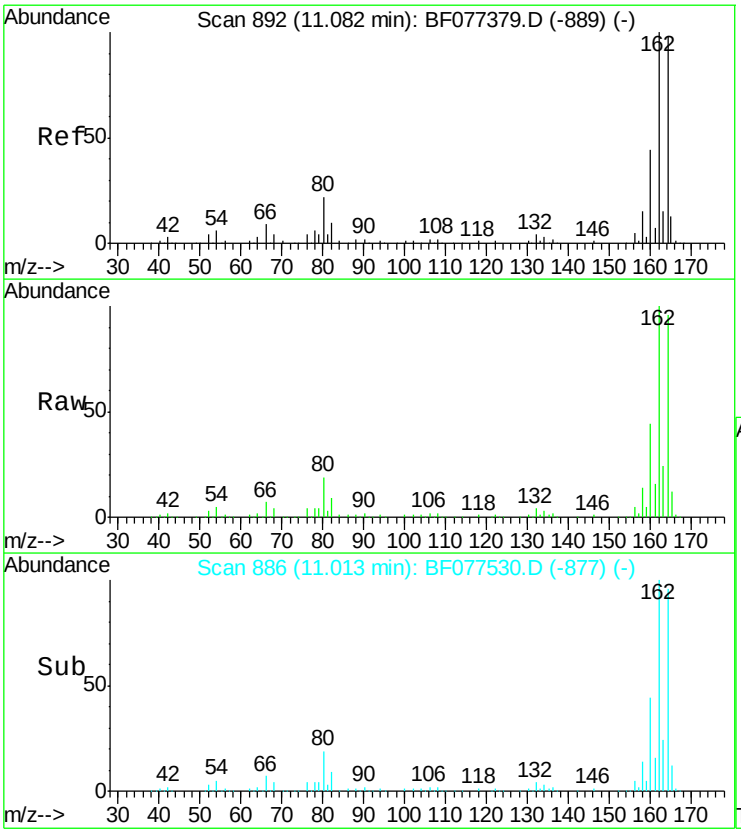
#23
Nitrobenzene-d5
Concen: 58.33 ng
RT: 7.95 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion: 82 Resp: 349992

Ion	Ratio	Lower	Upper
82	100		
128	41.9	43.8	65.8#
54	52.2	36.7	55.1

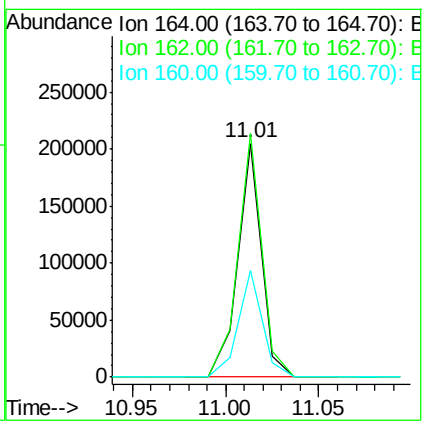


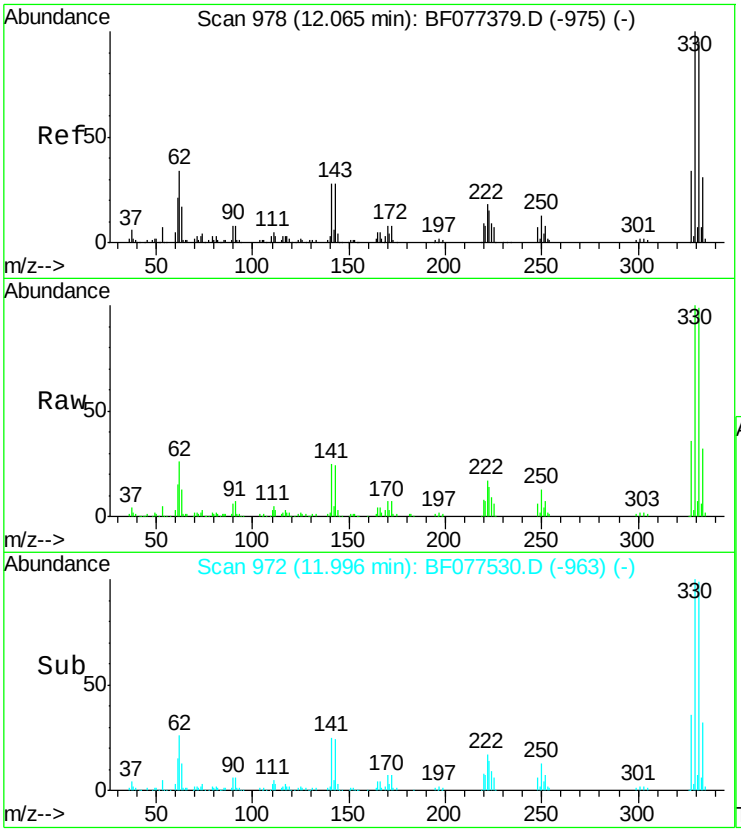


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:164 Resp: 181061

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.2	124.8
160	45.6	34.6	52.0



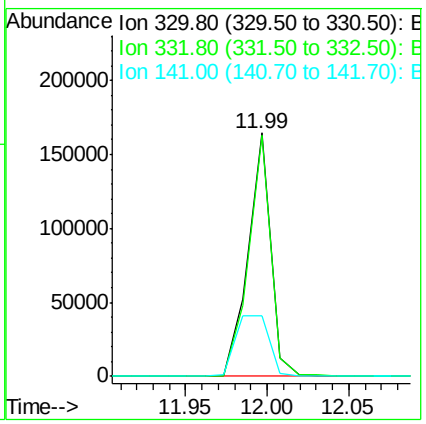


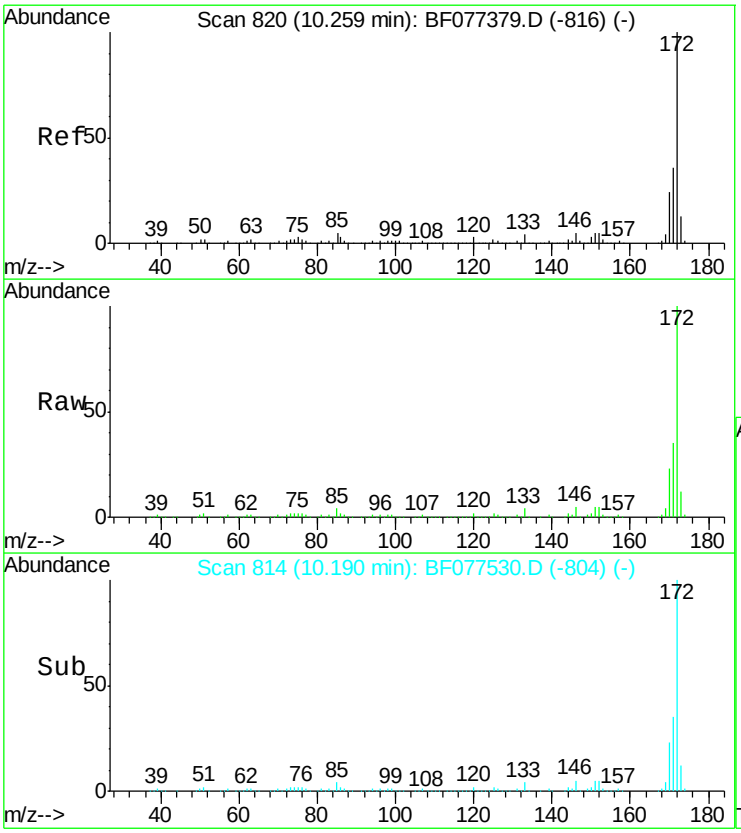
#41
2,4,6-Tribromophenol
Concen: 91.17 ng
RT: 11.99 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:330 Resp: 158938

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	37.2	28.8	43.2

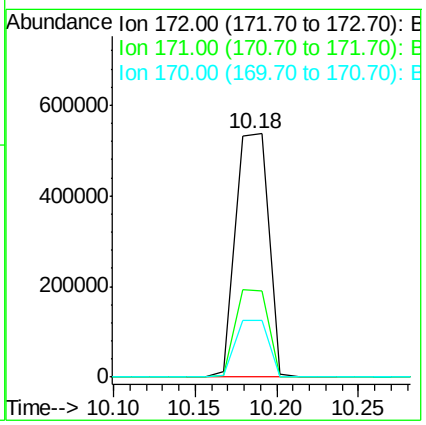


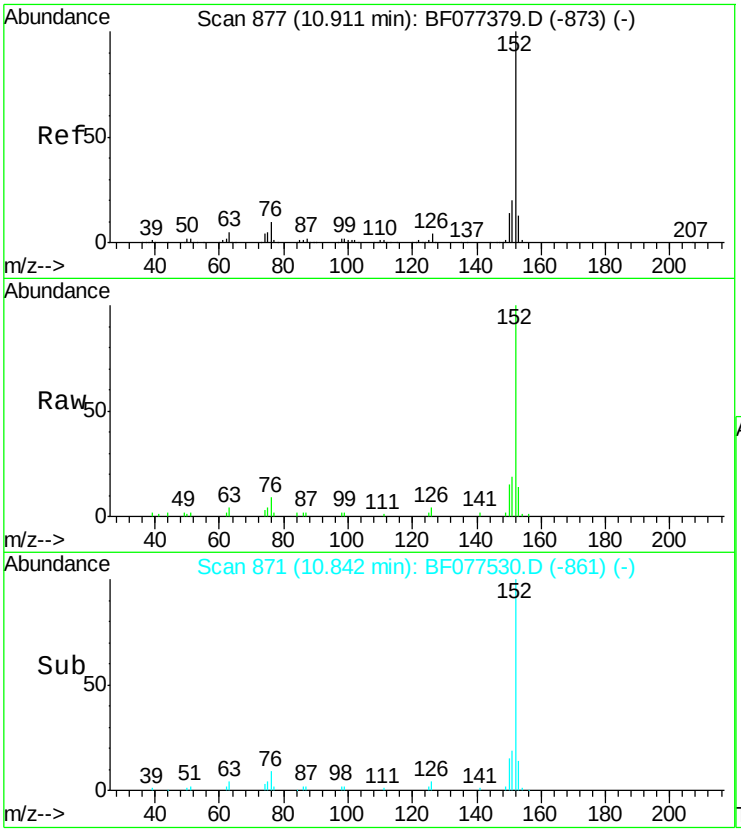


#44
2-Fluorobiphenyl
Concen: 64.34 ng
RT: 10.18 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:172 Resp: 747156

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.4	19.4	29.2



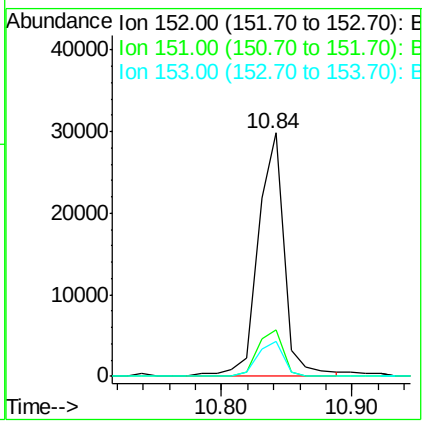


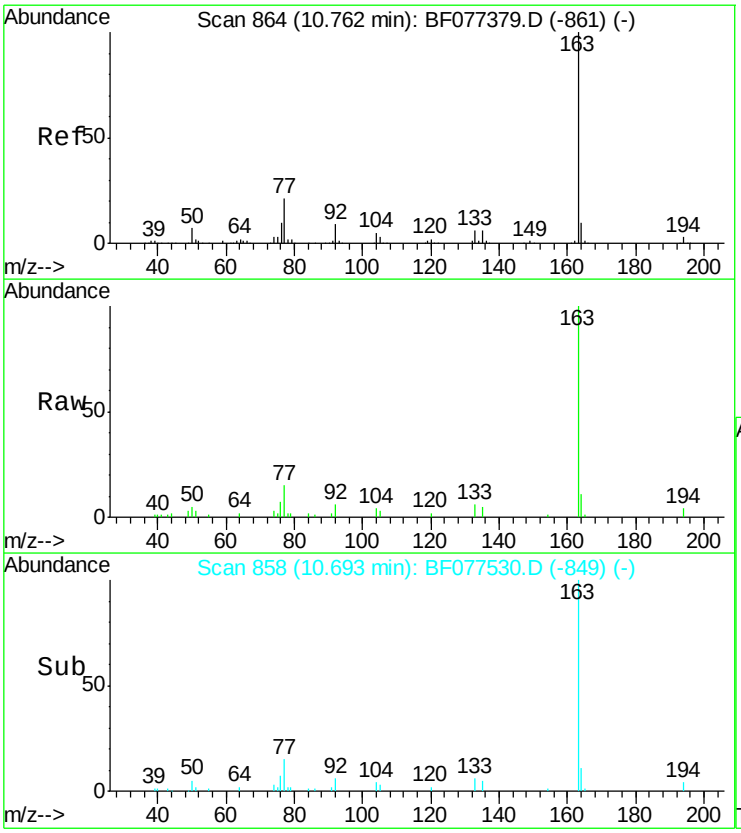
#48
Acenaphthylene
Concen: 2.47 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:152 Resp: 41997

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	14.2	10.9	16.3

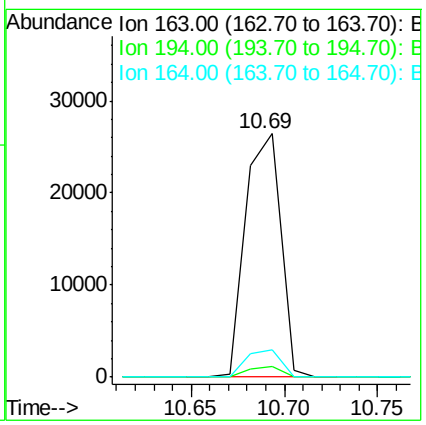


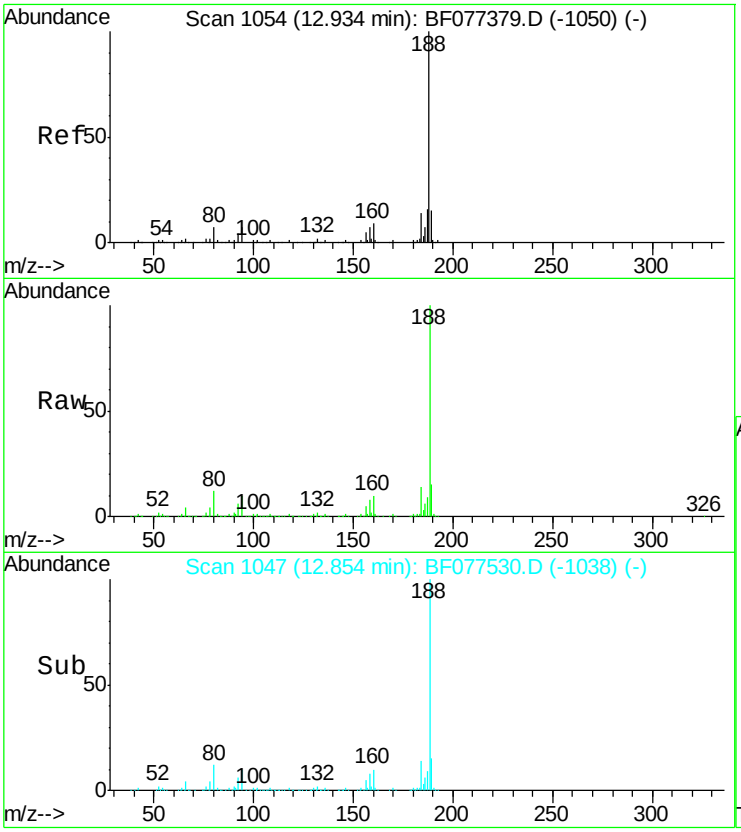


#49
Dimethylphthalate
Concen: 2.72 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:163 Resp: 34645

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	11.3	8.6	13.0



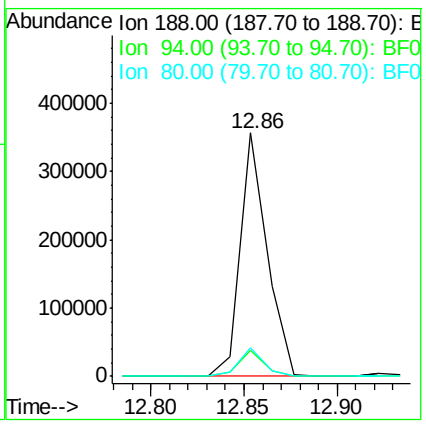


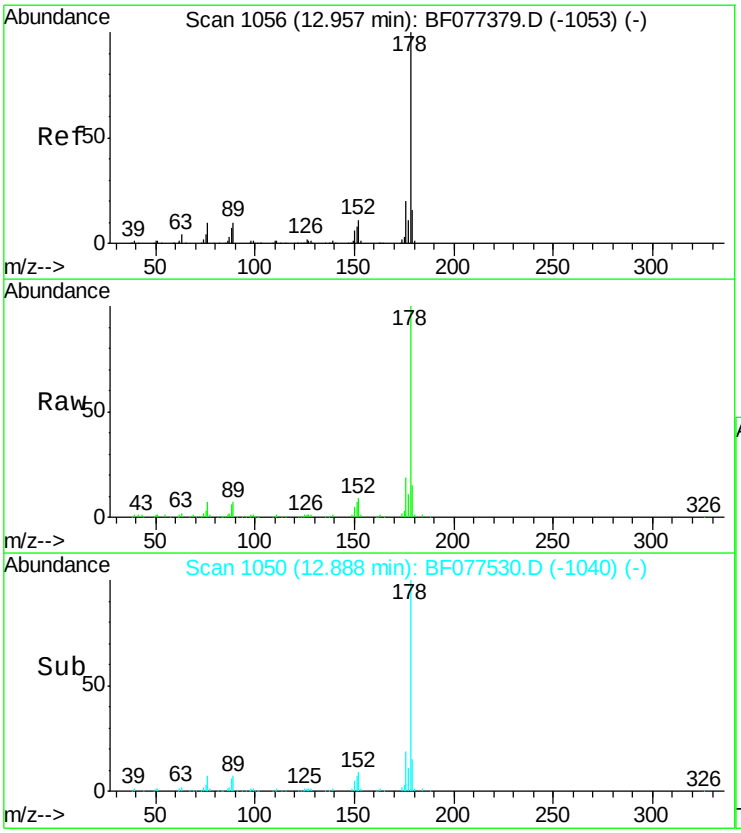
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:188 Resp: 357464

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.4	11.2
80	11.6	8.0	12.0

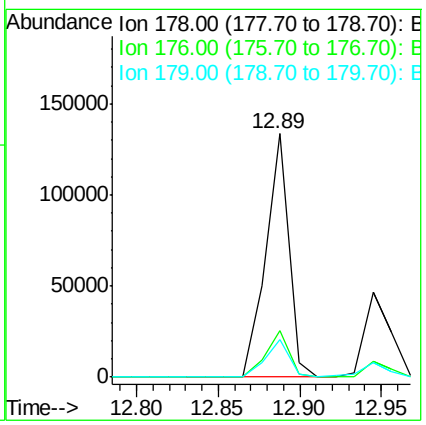


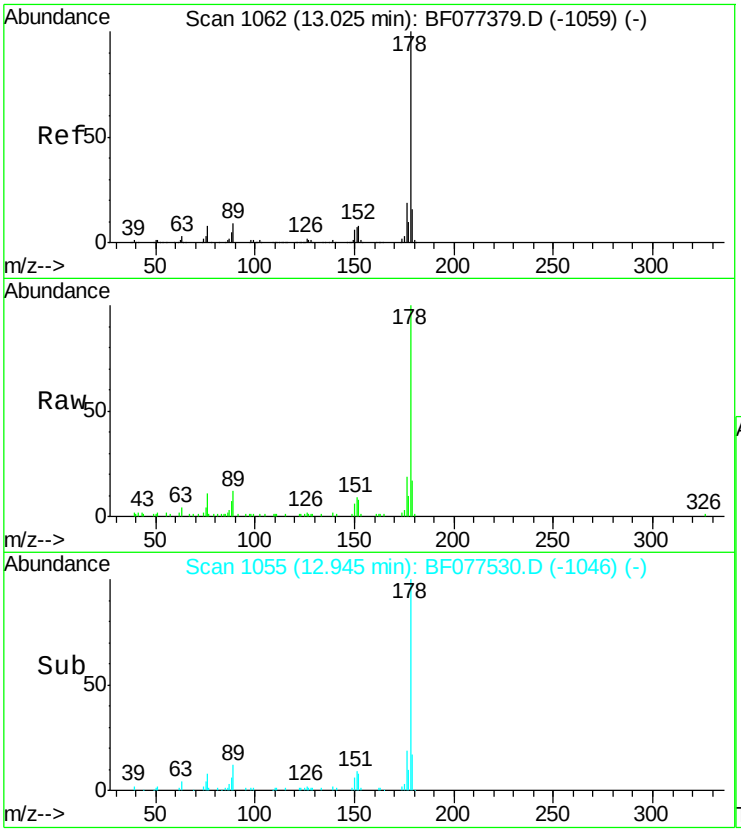


#70
Phenanthrene
Concen: 6.40 ng
RT: 12.89 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:178 Resp: 132519

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.2	18.2



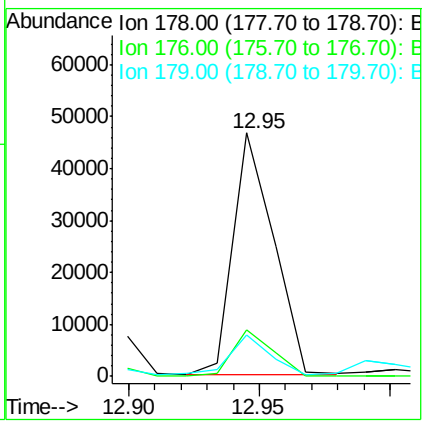


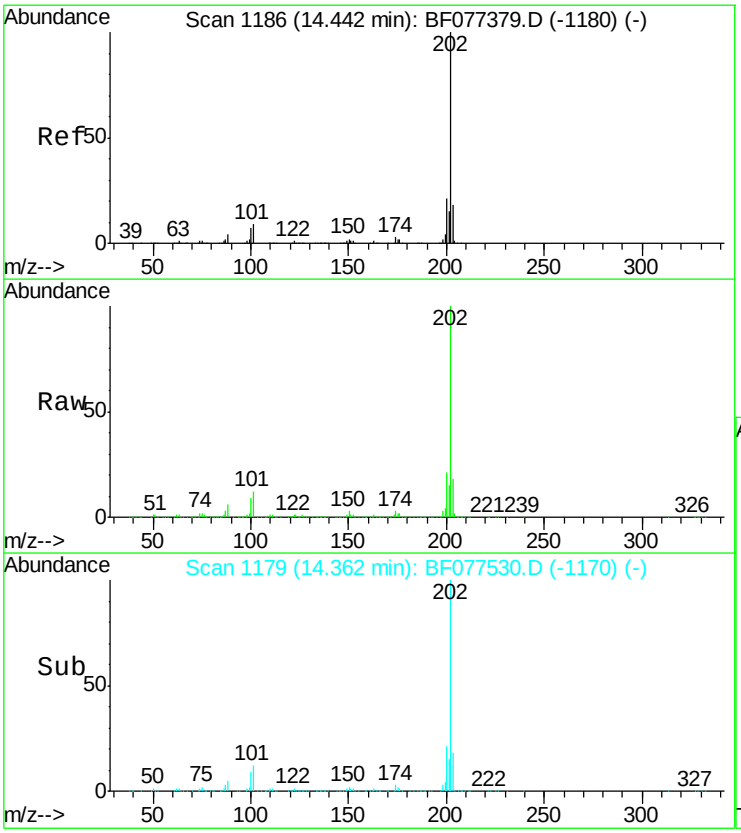
#71
Anthracene
Concen: 2.47 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:178 Resp: 50729

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.8	12.9	19.3

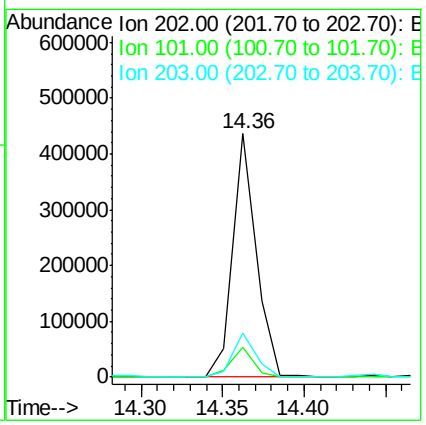


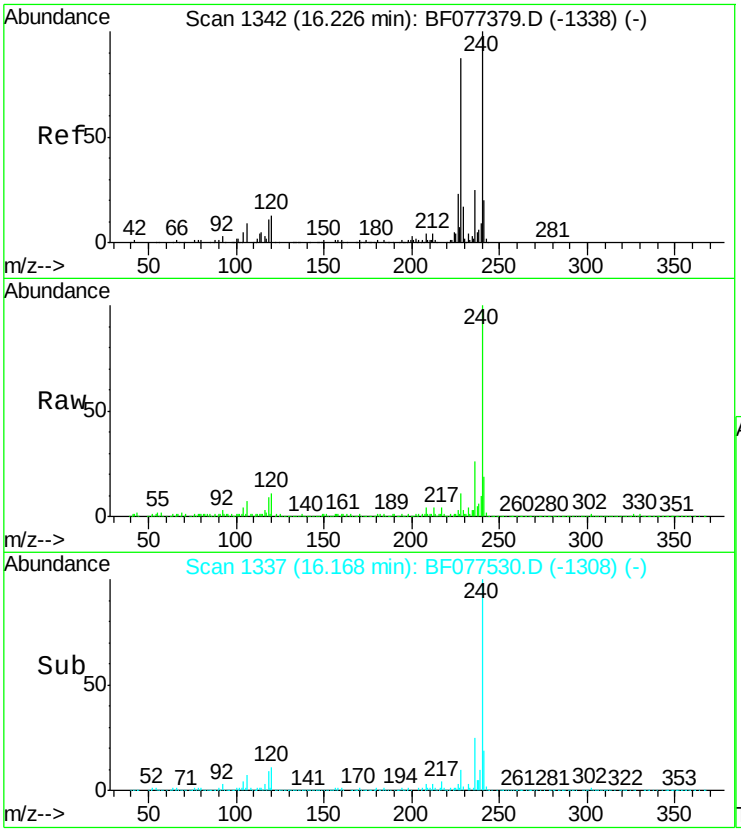


#74
Fluoranthene
Concen: 18.95 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:202 Resp: 428885

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.8
203	17.8	0.0	37.7



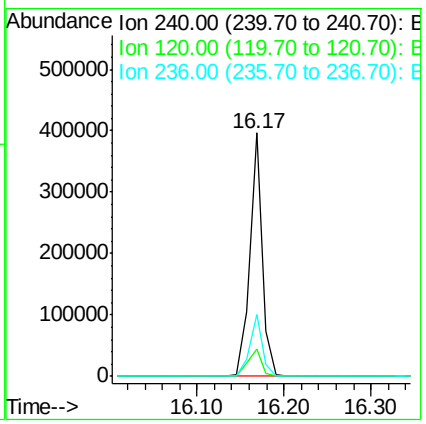


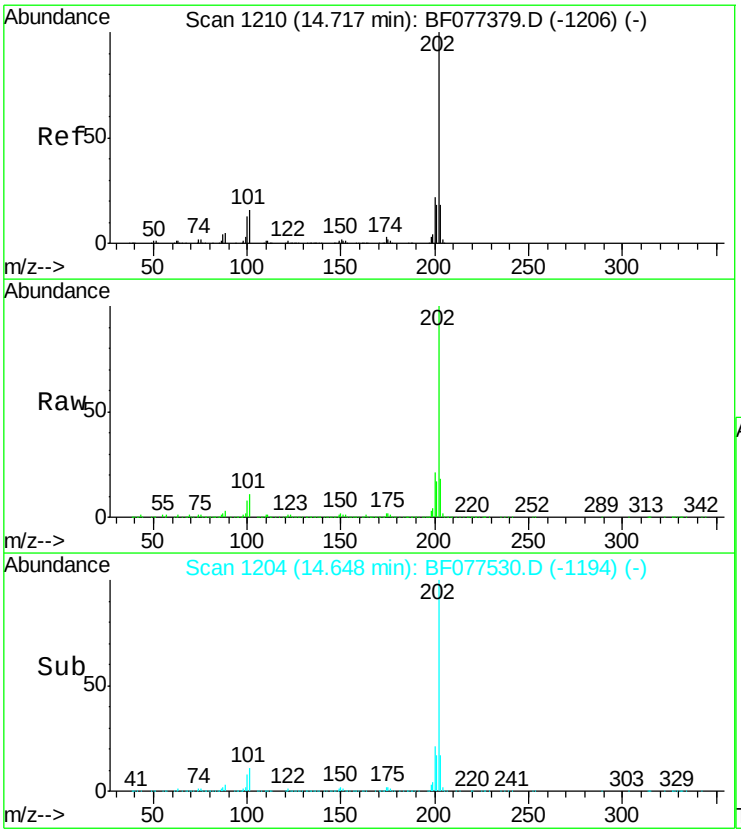
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1337
Delta R.T. 0.03 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:240 Resp: 400648

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.5	20.7	31.1

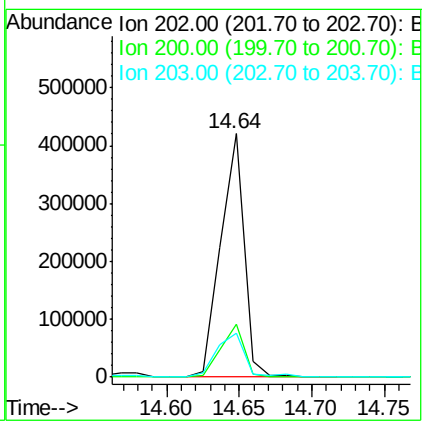


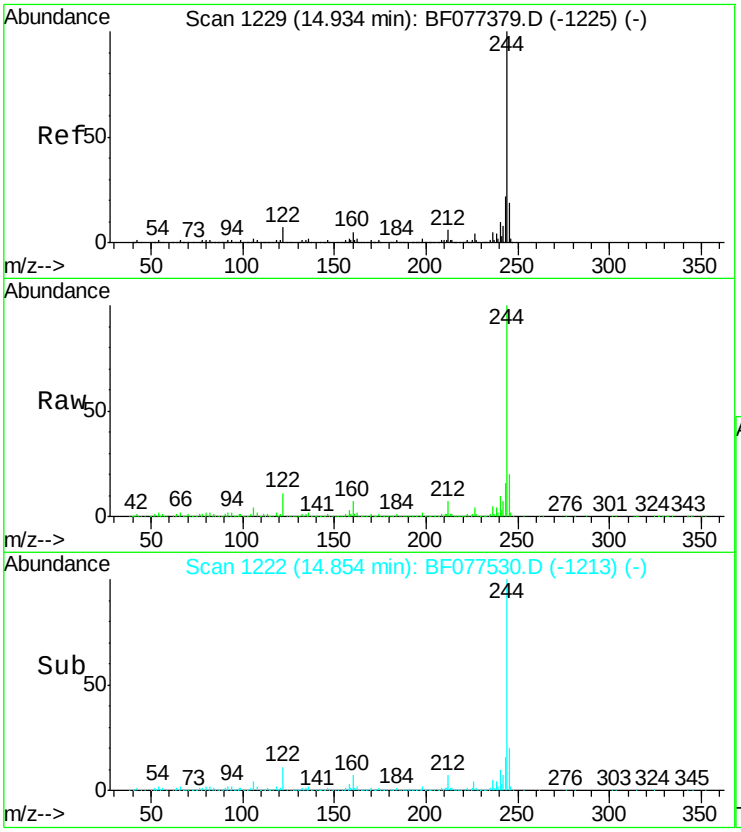


#77
Pyrene
Concen: 19.12 ng
RT: 14.64 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:202 Resp: 468560

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.1	14.2	21.2



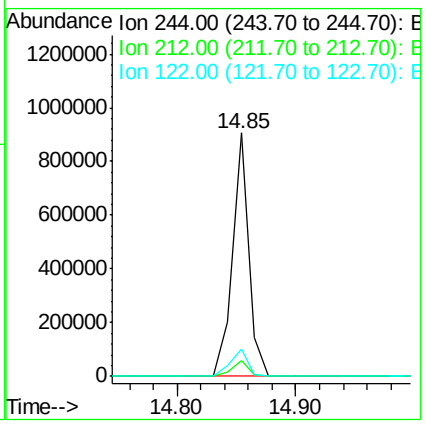


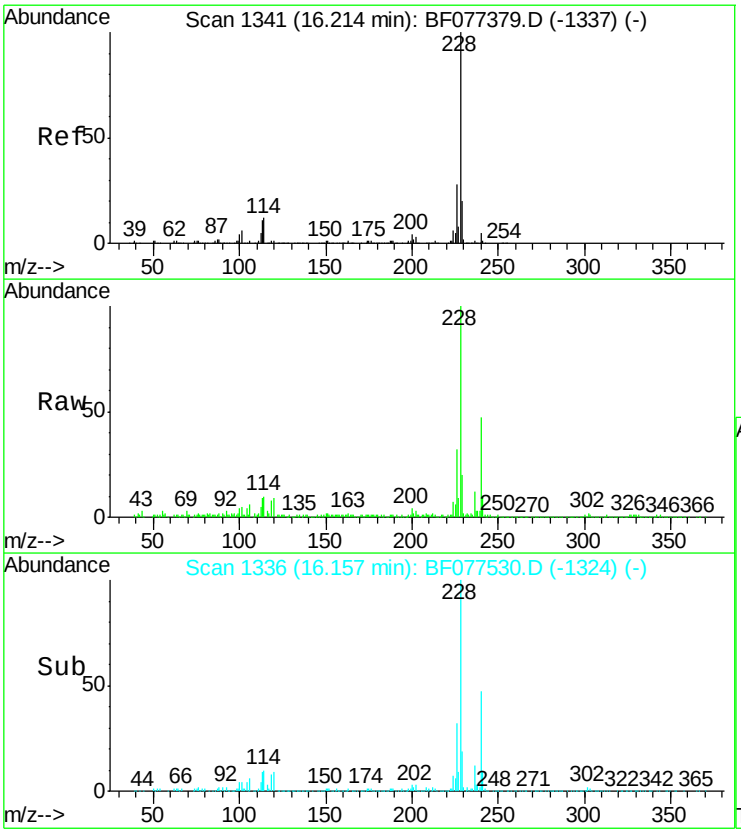
#78
Terphenyl-d14
Concen: 50.38 ng
RT: 14.85 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:244 Resp: 863425

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.3	7.8	11.8

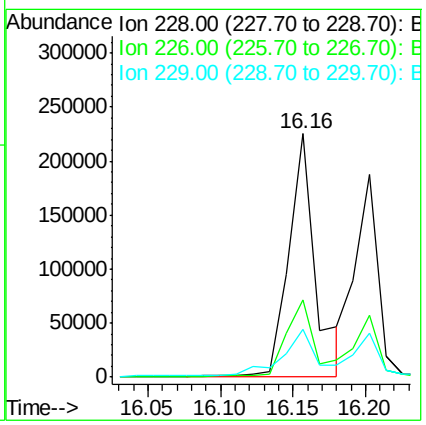


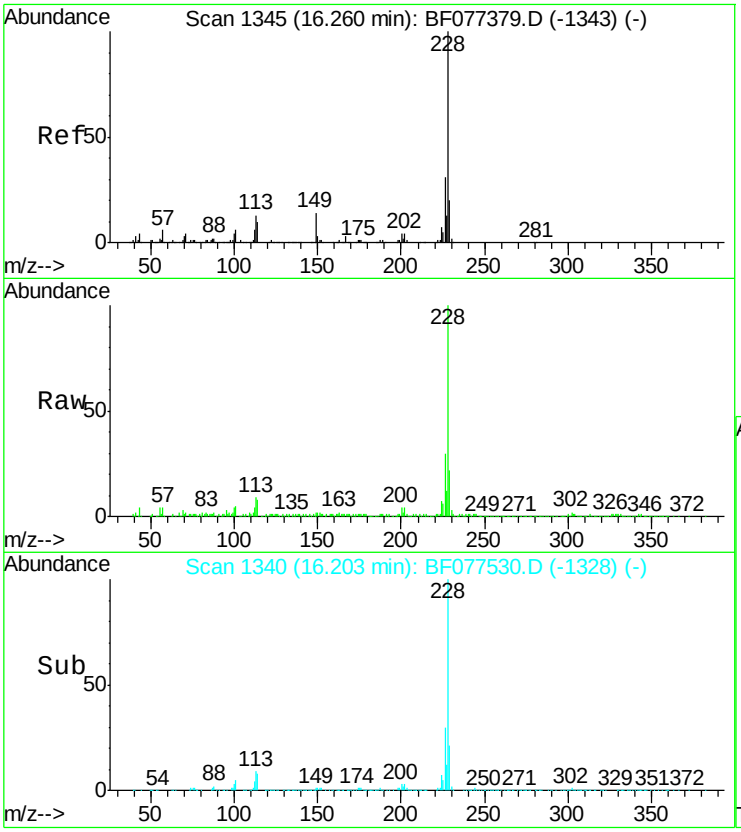


#80
Benzo(a)anthracene
Concen: 12.11 ng
RT: 16.16 min Scan# 1336
Delta R.T. 0.03 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:228 Resp: 284419

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.0	33.0
229	19.8	15.8	23.8



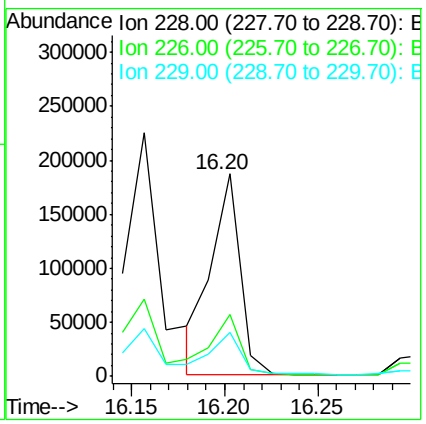


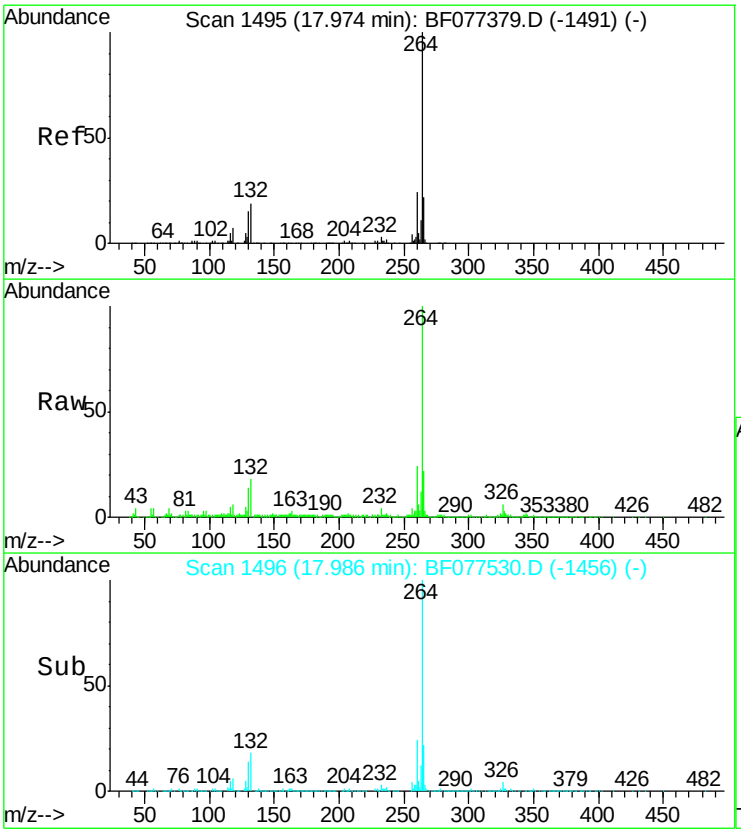
#82
Chrysene
Concen: 9.19 ng
RT: 16.20 min Scan# 1340
Delta R.T. 0.03 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:228 Resp: 202538

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.8	16.4	24.6

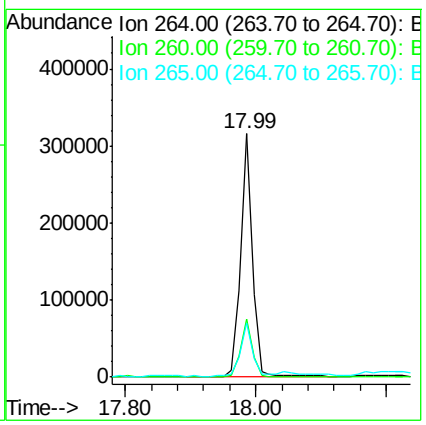


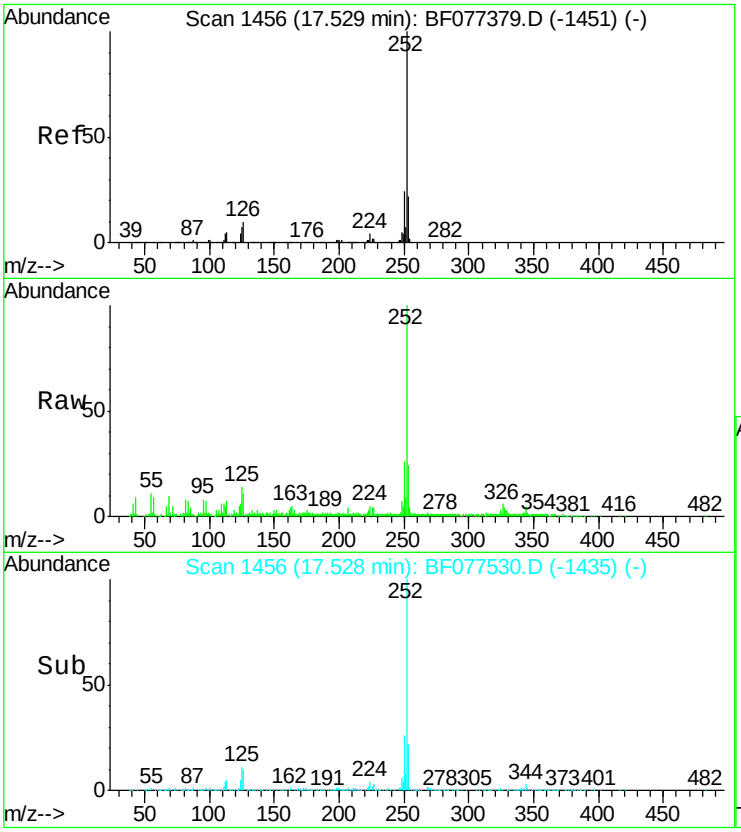


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1496
Delta R.T. 0.16 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:264 Resp: 383742

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.4	16.8	25.2



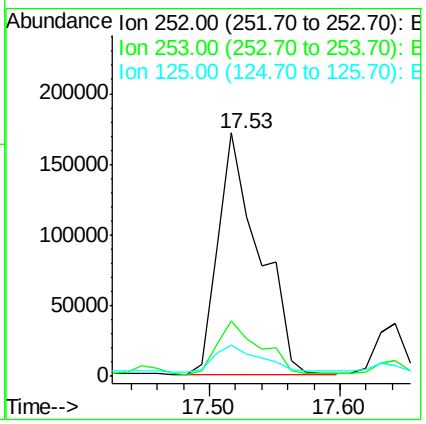


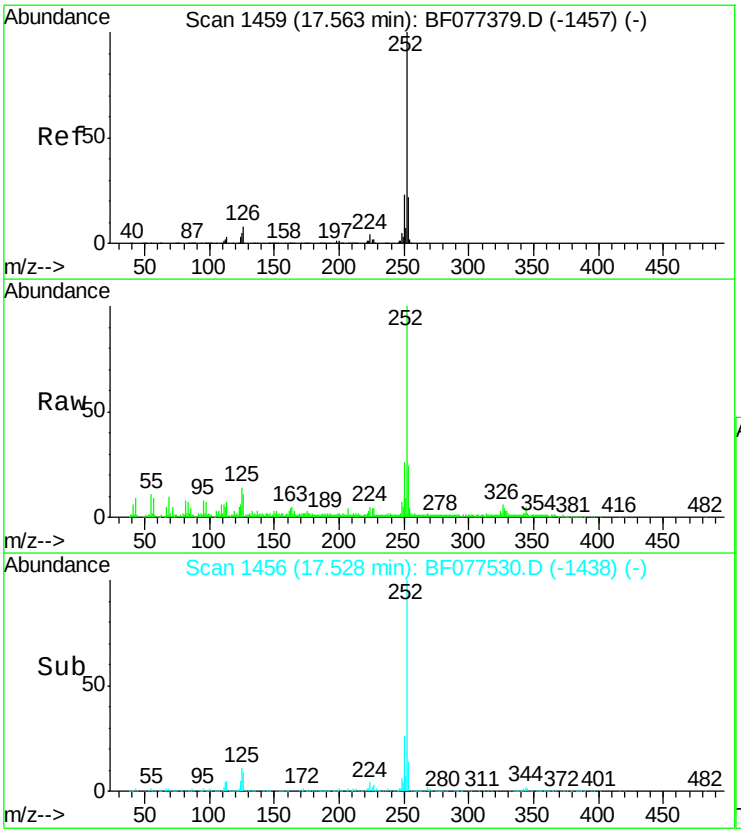
#87
Benzo(b)fluoranthene
Concen: 16.91 ng
RT: 17.53 min Scan# 1456
Delta R.T. 0.14 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:252 Resp: 377357

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	14.0	5.4	8.2#

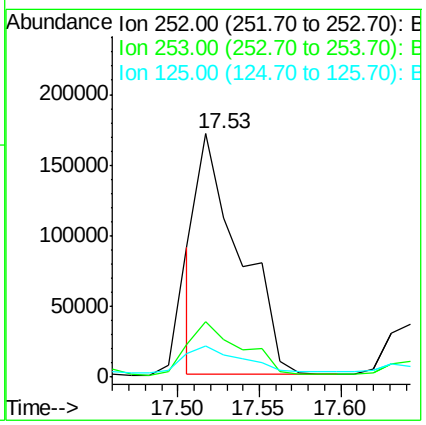


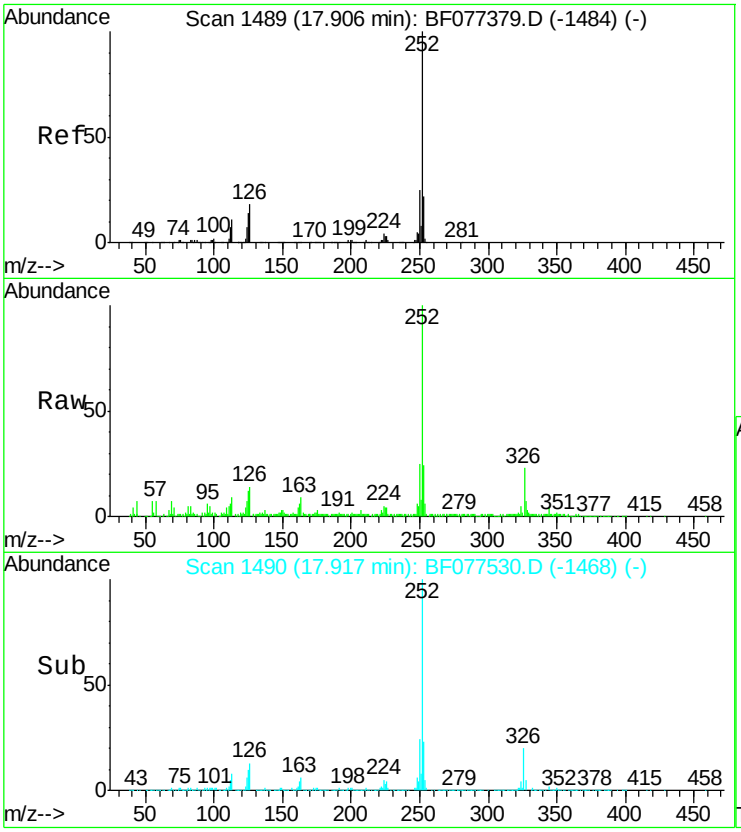


#88
Benzo(k)fluoranthene
Concen: 13.99 ng
RT: 17.53 min Scan# 1456
Delta R.T. 0.10 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:252 Resp: 305966

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	14.0	10.1	15.1



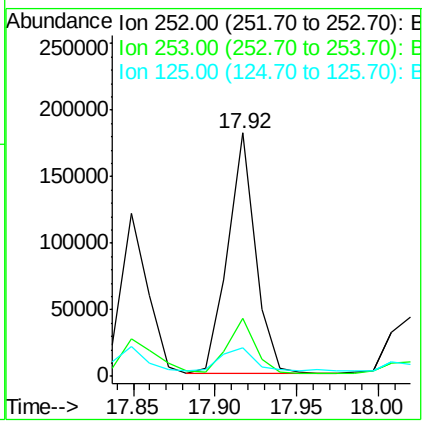


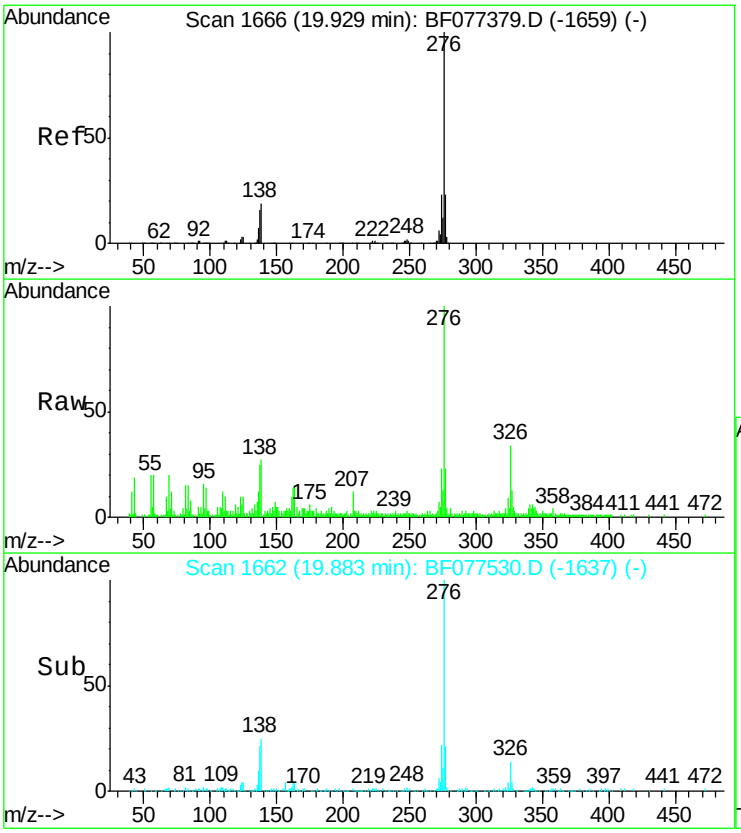
#89
Benzo(a)pyrene
Concen: 9.94 ng
RT: 17.92 min Scan# 1490
Delta R.T. 0.15 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
SB13

Tgt Ion:252 Resp: 211296

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	12.0	8.3	12.5





#91
Benzo(g,h,i)perylene
Concen: 5.66 ng
RT: 19.89 min Scan# 1662
Delta R.T. 0.18 min
Lab File: BF077530.D
Acq: 2 Mar 2015 18:56

Tgt Ion:276 Resp: 115794

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	26.9	20.5	30.7