Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077406.D
Acq On : 23 Feb 2015 15:41
Operator : TP/IZ
Sample : G1345-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UB10PX3

Quant Time: Feb 24 00:10:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	76691	20.00	ng		0.01
21) Naphthalene-d8	8.92	136	329604	20.00	ng		0.01
38) Acenaphthene-d10	11.09	164	171056	20.00	ng		0.00
63) Phenanthrene-d10	12.95	188	323767	20.00	ng		0.01
75) Chrysene-d12	16.26	240	298347	20.00	ng		0.00
86) Perylene-d12	18.07	264	295813	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	482702	105.08	ng		0.02
7) Phenol-d6	6.90	99	628202	106.36	ng		0.01
23) Nitrobenzene-d5	8.03	82	366592	69.16	ng		0.00
41) 2,4,6-Tribromophenol	12.08	330	165734	100.62	ng		0.01
44) 2-Fluorobiphenyl	10.26	172	770581	70.24	ng		0.00
78) Terphenyl-d14	14.95	244	837362	65.61	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.91	94	21841	3.12	ng		99
31) Naphthalene	8.94	128	78314	4.75	ng		97
37) 2-Methylnaphthalene	9.80	142	36378	3.11	ng		97
48) Acenaphthylene	10.92	152	88926	5.53	ng		99
49) Dimethylphthalate	10.76	163	69076	5.74	ng		100
51) Acenaphthene	11.14	154	75003	7.81	ng		99
54) Dibenzofuran	11.36	168	95998	6.48	ng		93
57) Fluorene	11.78	166	128324	10.83	ng		95
62) Azobenzene	12.00	77	61794	5.49	ng	#	1
70) Phenanthrene	12.98	178	1580984	84.25	ng		97
71) Anthracene	13.04	178	397366	21.34	ng		99
72) Carbazole	13.24	167	215297	12.16	ng		99
74) Fluoranthene	14.47	202	1885824	92.00	ng		96
77) Pyrene	14.74	202	1460355	80.02	ng		97
80) Benzo(a)anthracene	16.25	228	854485	48.87	ng		96
82) Chrysene	16.29	228	692591	42.18	ng		97
85) Indeno(1,2,3-cd)pyrene	19.60	276	436921	23.34	ng		94
87) Benzo(b)fluoranthene	17.61	252	1217157	70.76	ng	#	86
88) Benzo(k)fluoranthene	17.61	252	1224805	72.65	ng	#	89
89) Benzo(a)pyrene	18.01	252	650794	39.72	ng	#	88
90) Dibenzo(a,h)anthracene	19.61	278	109144	6.99	ng	#	53
91) Benzo(g,h,i)perylene	20.04	276	420631	26.67	ng		98

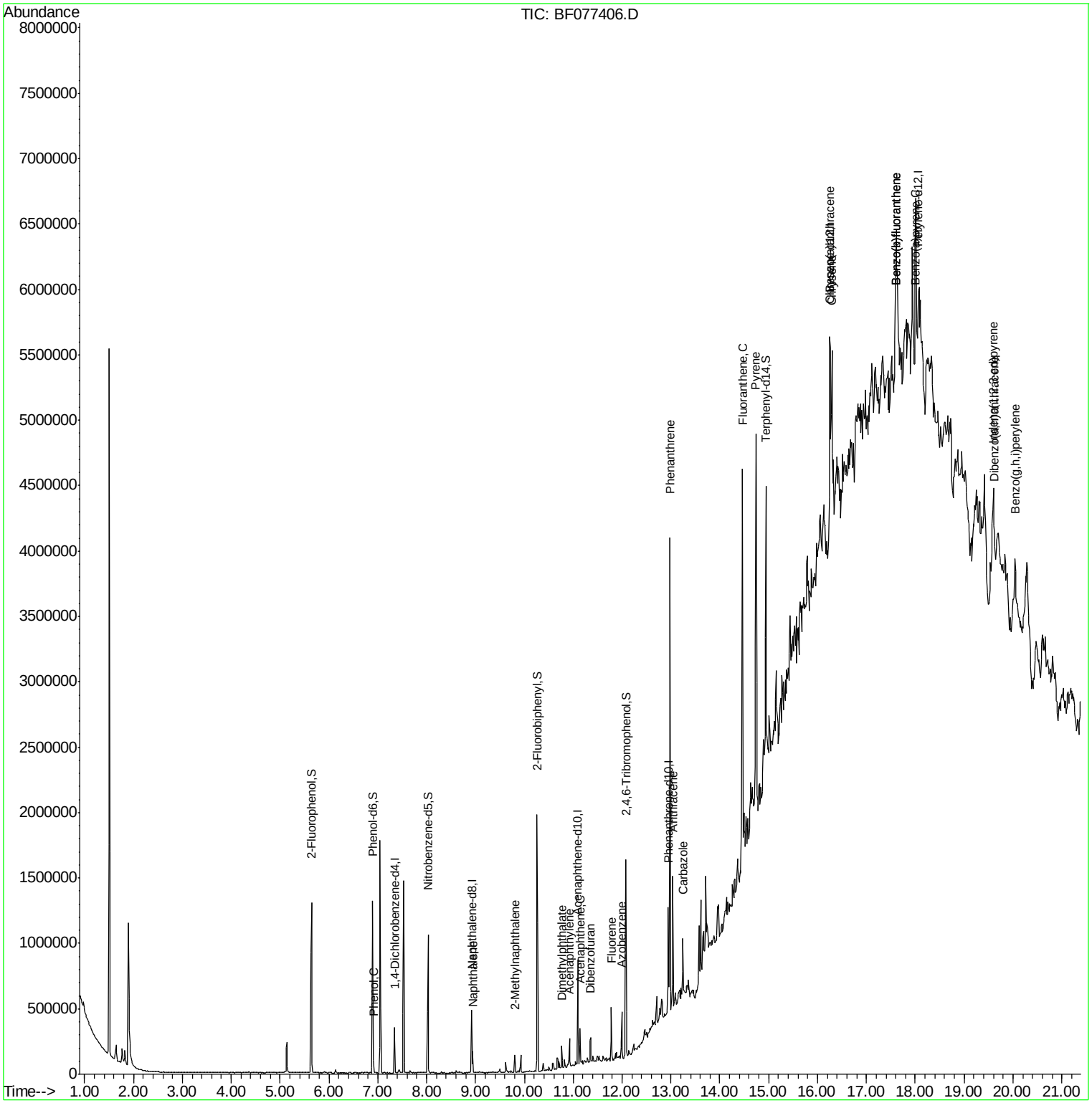
(#) = qualifier out of range (m) = manual integration (+) = signals summed

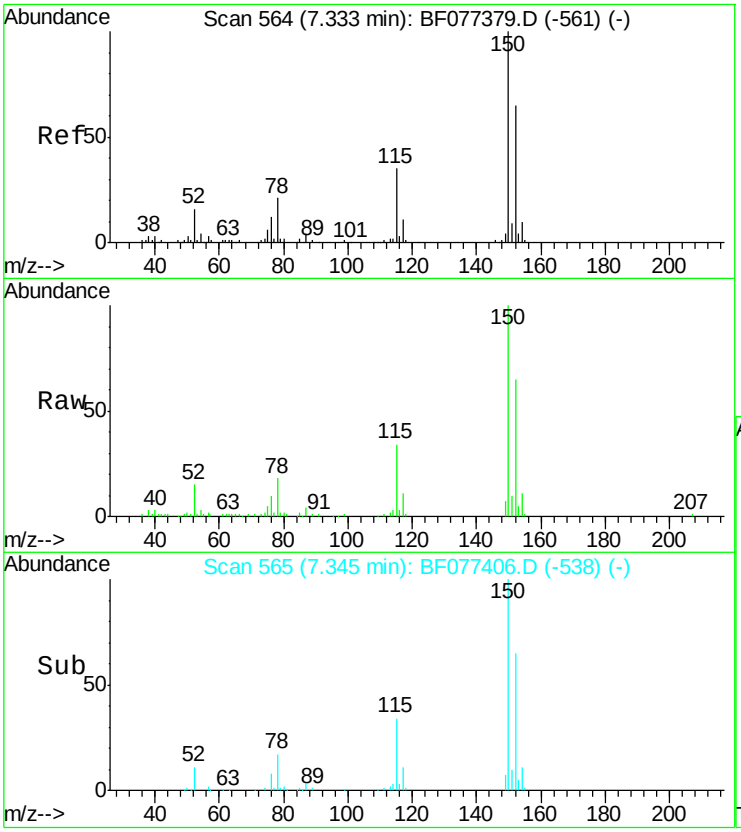
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077406.D
Acq On : 23 Feb 2015 15:41
Operator : TP/IZ
Sample : G1345-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Quant Time: Feb 24 00:10:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration



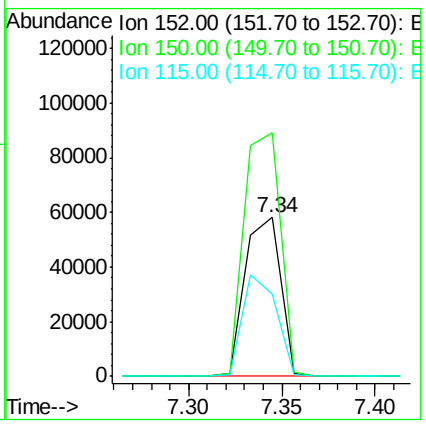


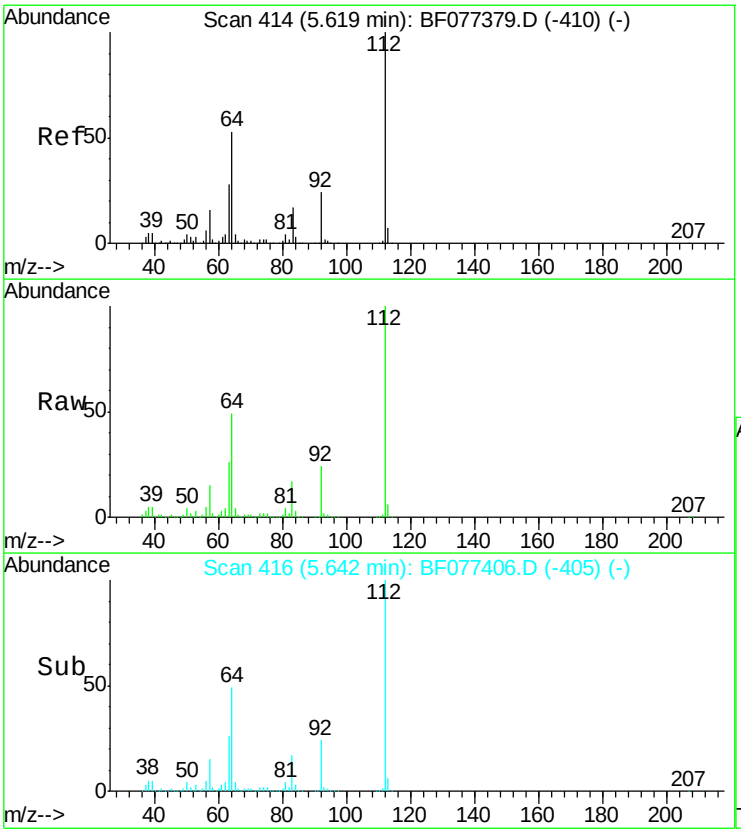
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:152 Resp: 76691

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.0	186.0
115	51.5	49.4	74.2

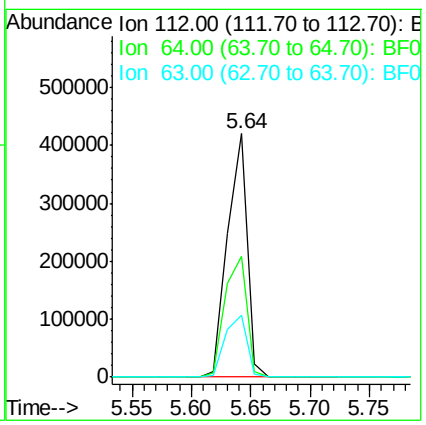


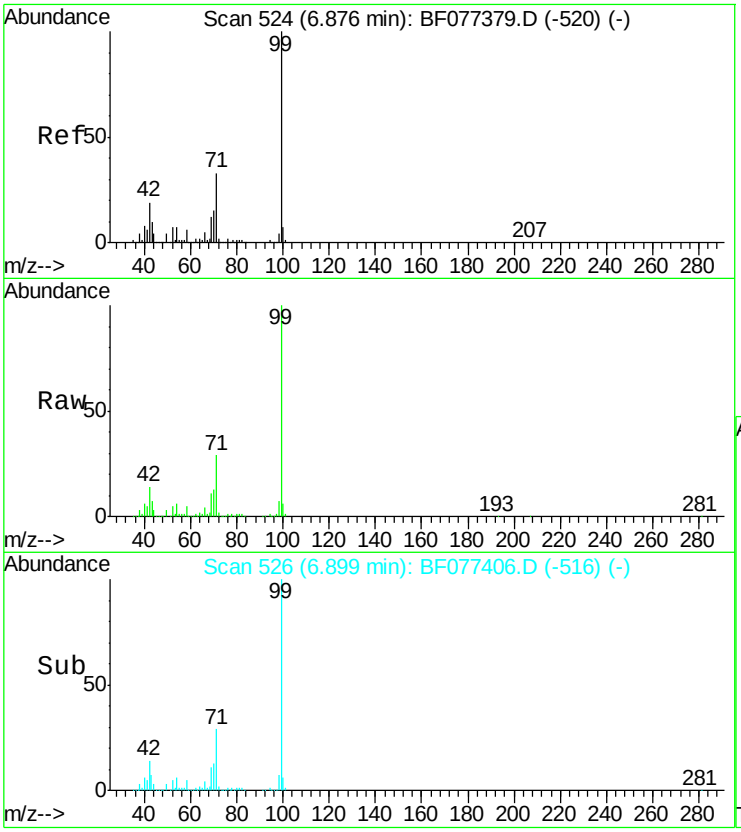


#5
2-Fluorophenol
Concen: 105.08 ng
RT: 5.64 min Scan# 416
Delta R.T. 0.02 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:112 Resp: 482702

Ion	Ratio	Lower	Upper
112	100		
64	49.4	48.5	72.7
63	25.6	25.0	37.4



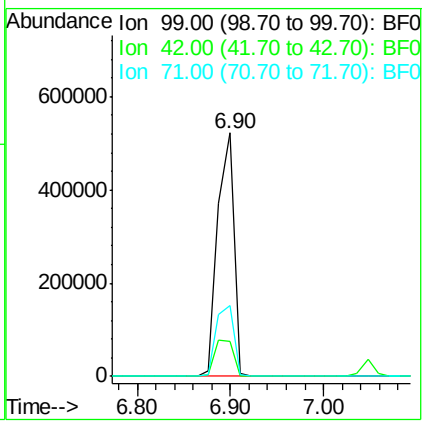


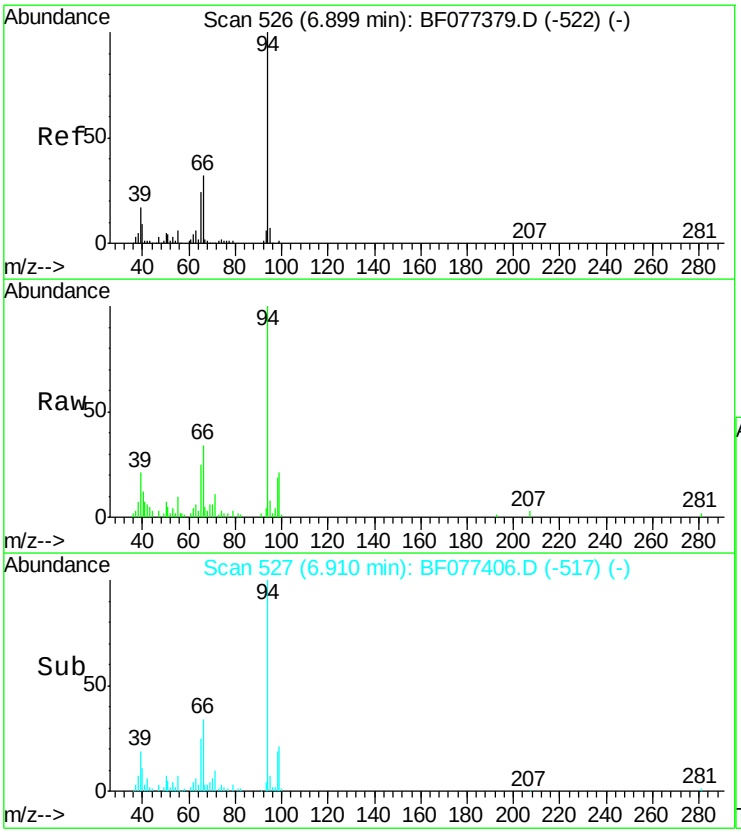
#7
Phenol-d6
Concen: 106.36 ng
RT: 6.90 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion: 99 Resp: 628202

Ion	Ratio	Lower	Upper
99	100		
42	14.4	16.2	24.4#
71	29.3	26.7	40.1

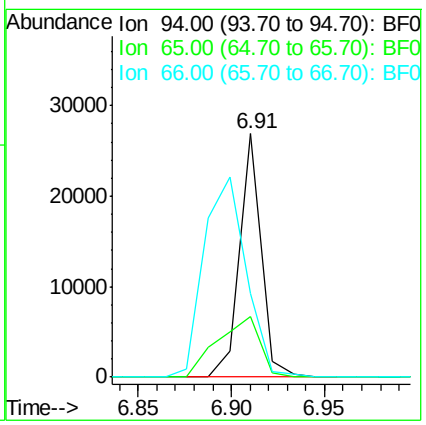


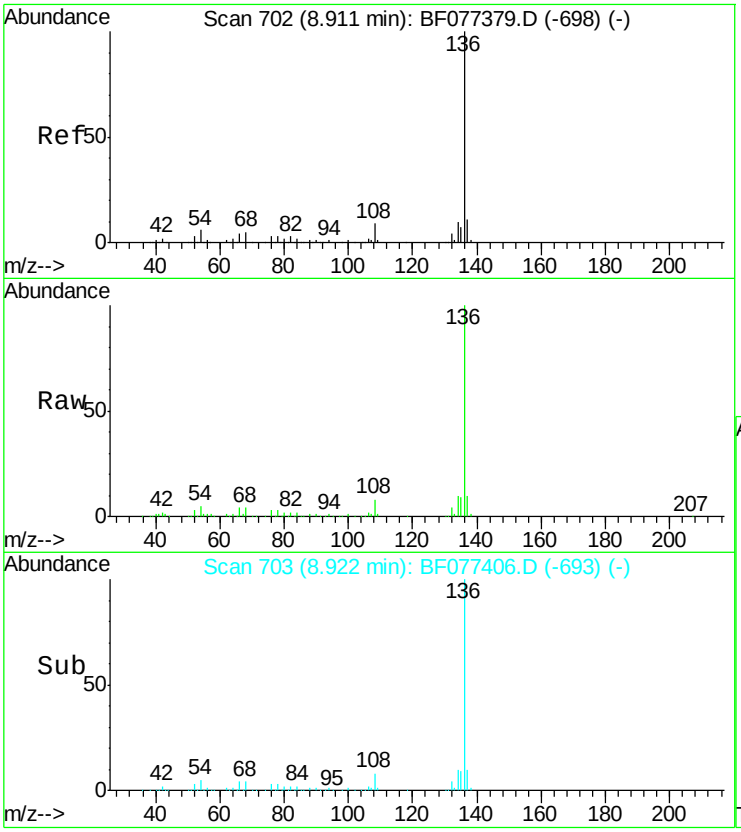


#10
Phenol
Concen: 3.12 ng
RT: 6.91 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion: 94 Resp: 21841

Ion	Ratio	Lower	Upper
94	100		
65	24.8	5.7	45.7
66	34.2	13.6	53.6



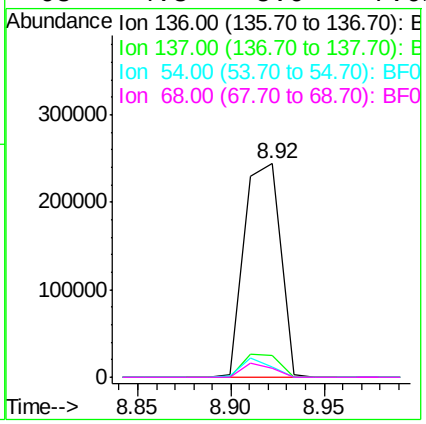


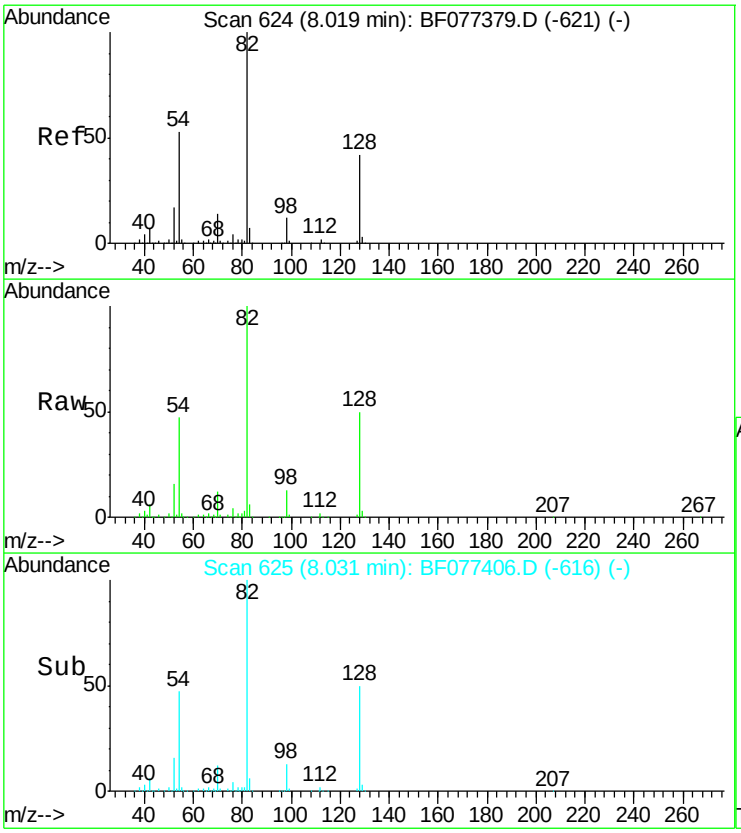
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:136 Resp: 329604

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.0	6.2	9.4#
68	4.3	5.0	7.6#

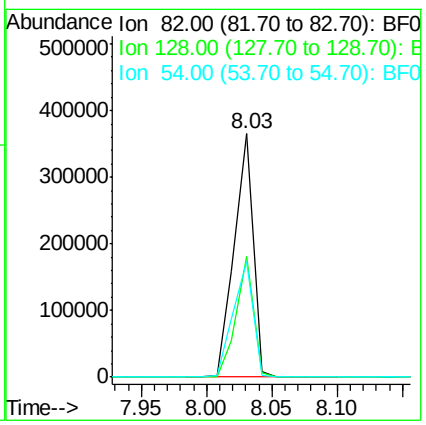


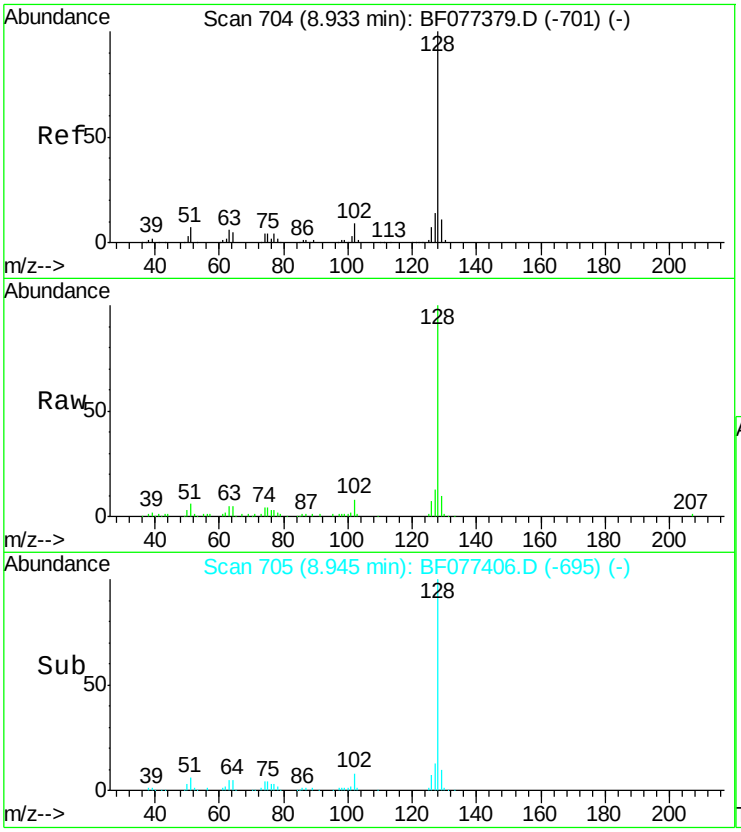


#23
Nitrobenzene-d5
Concen: 69.16 ng
RT: 8.03 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion: 82 Resp: 366592

Ion	Ratio	Lower	Upper
82	100		
128	49.8	43.8	65.8
54	47.4	36.7	55.1



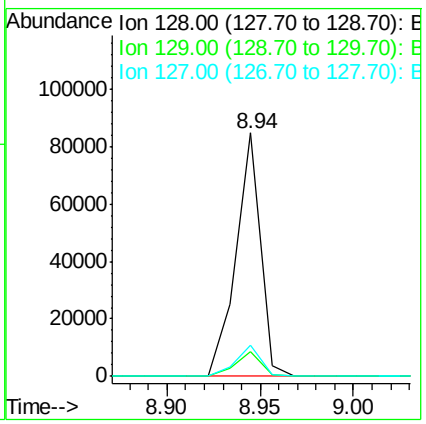


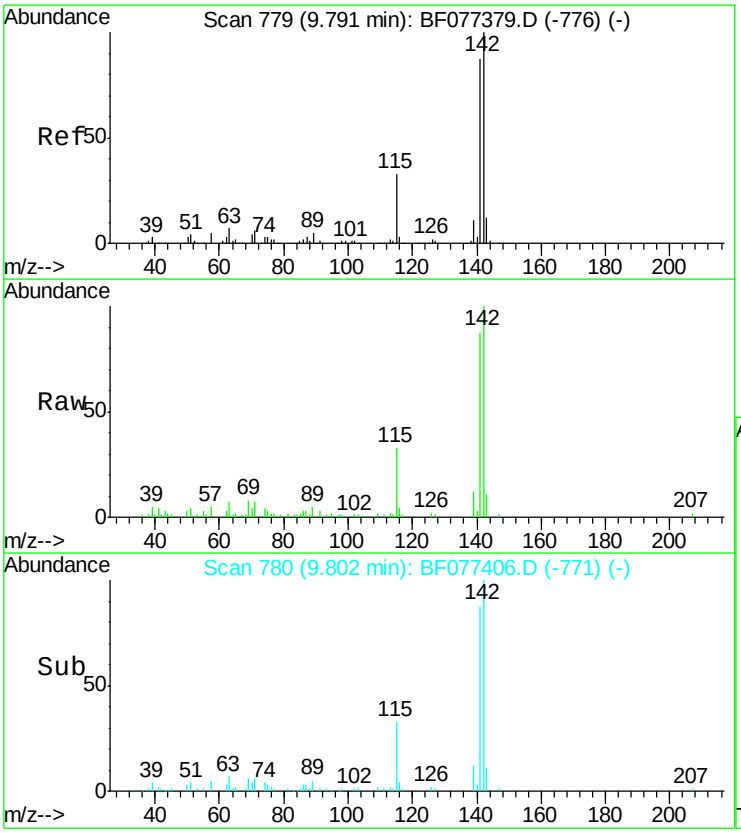
#31
Naphthalene
Concen: 4.75 ng
RT: 8.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:128 Resp: 78314

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.0
127	12.6	10.6	15.8

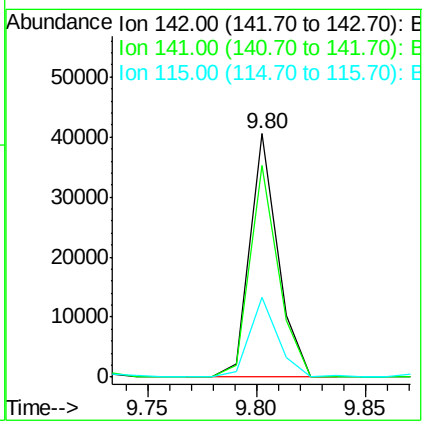


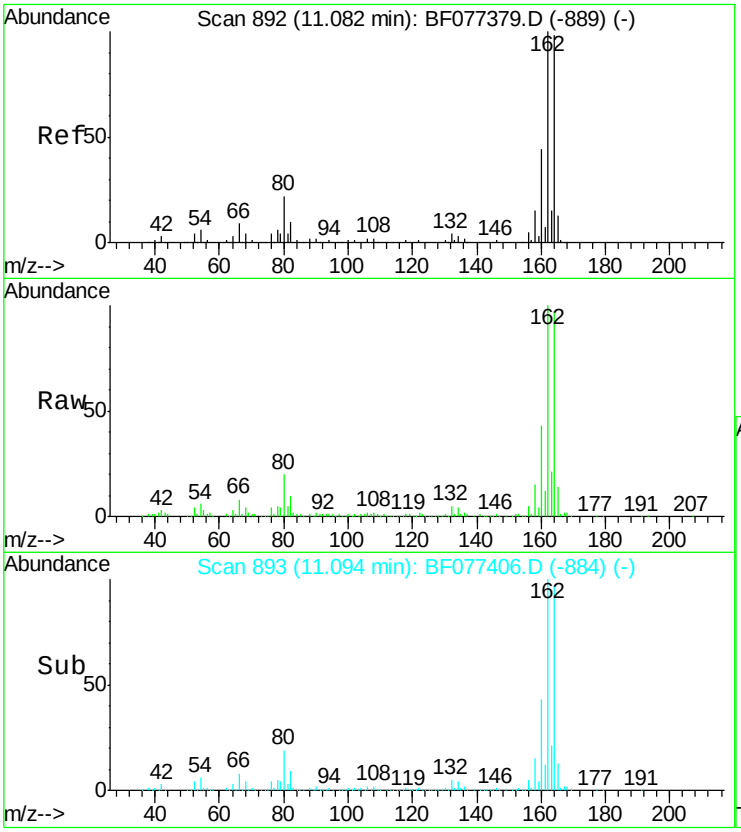


#37
2-Methylnaphthalene
Concen: 3.11 ng
RT: 9.80 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:142 Resp: 36378

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.7	106.1
115	33.0	24.2	36.4



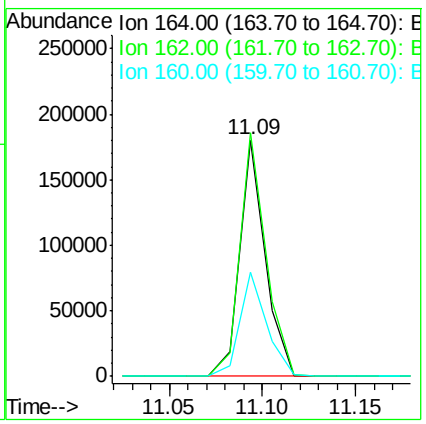


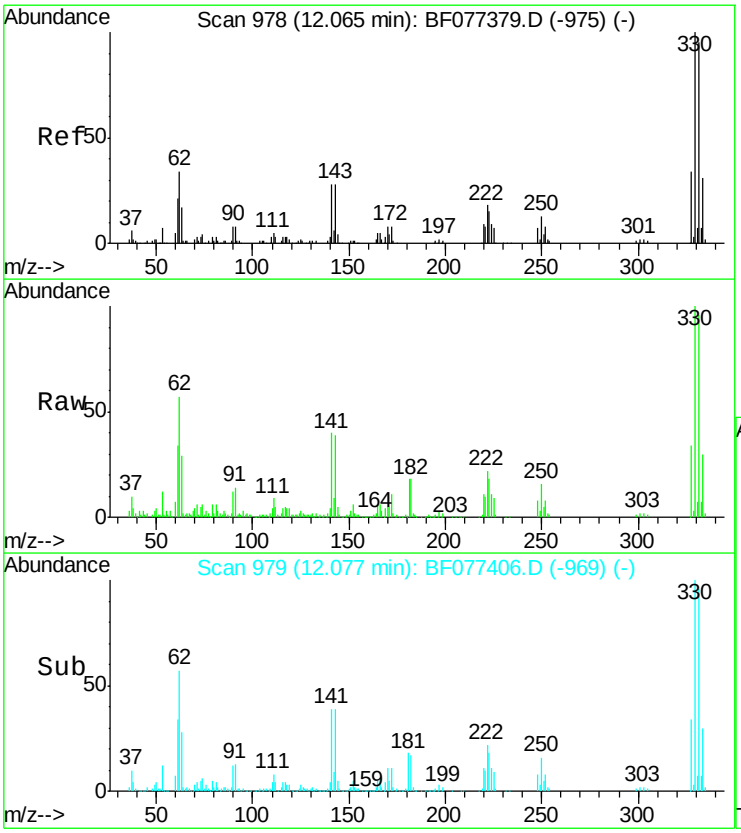
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:164 Resp: 171056

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.2	124.8
160	44.2	34.6	52.0

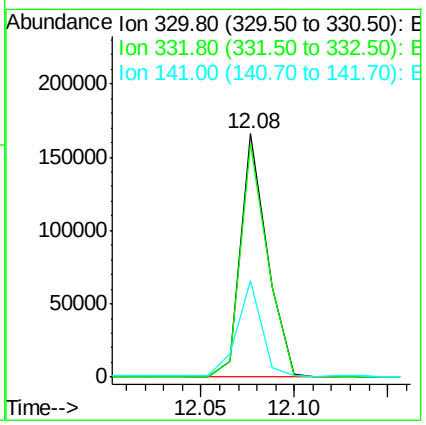


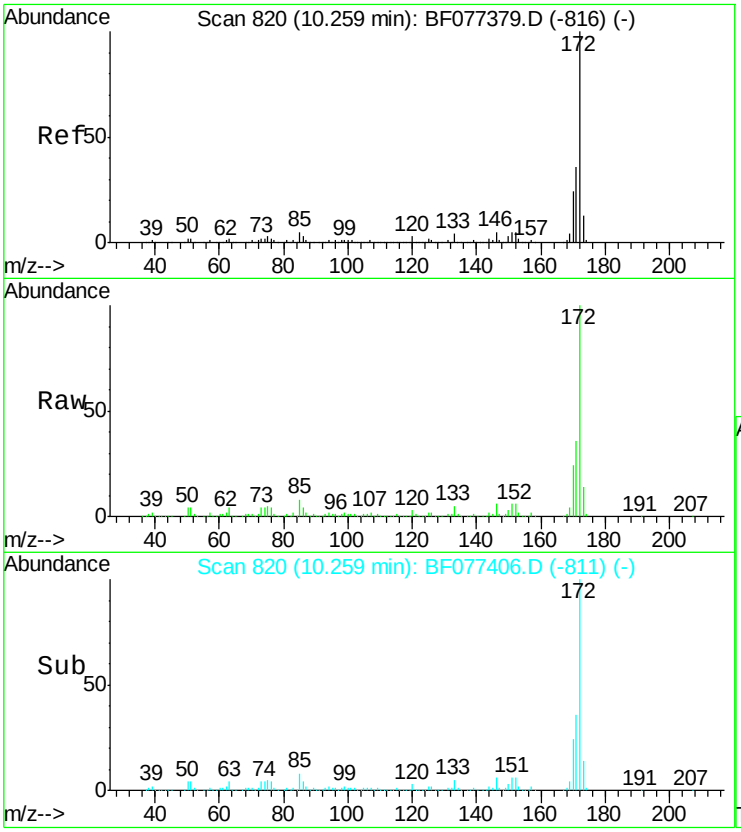


#41
2,4,6-Tribromophenol
Concen: 100.62 ng
RT: 12.08 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:330 Resp: 165734

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	37.1	28.8	43.2



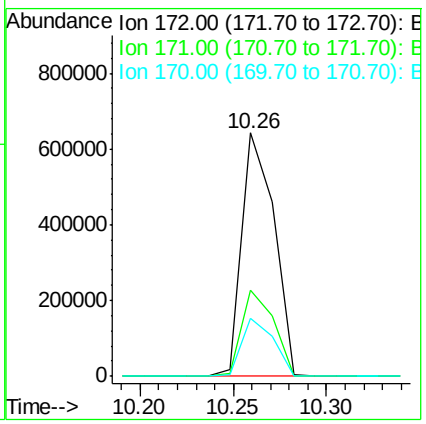


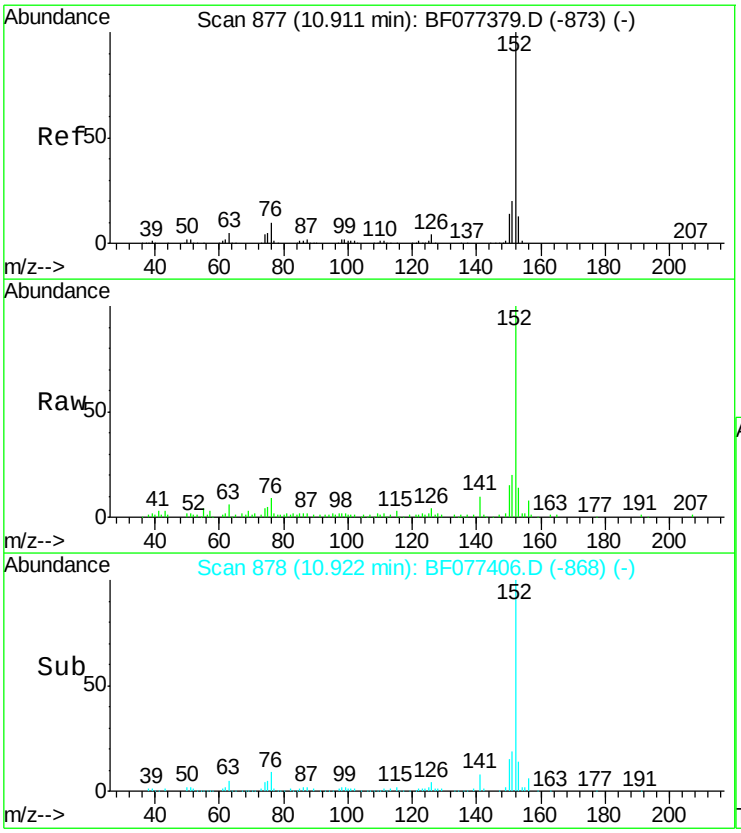
#44
2-Fluorobiphenyl
Concen: 70.24 ng
RT: 10.26 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:172 Resp: 770581

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.6	19.4	29.2

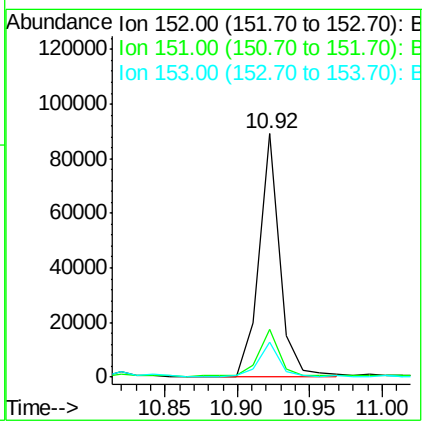


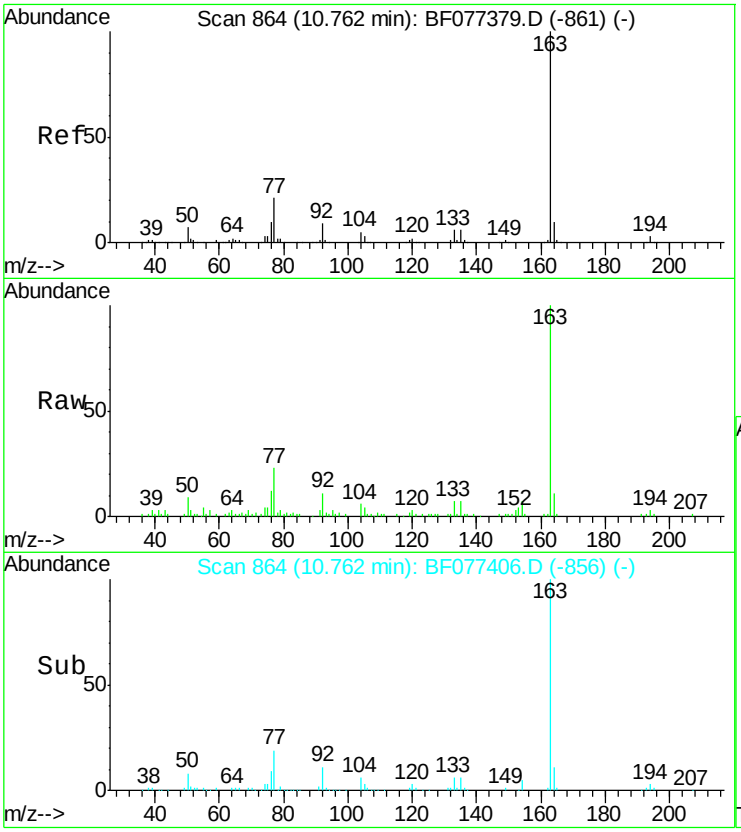


#48
Acenaphthylene
Concen: 5.53 ng
RT: 10.92 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:152 Resp: 88926

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	14.3	10.9	16.3



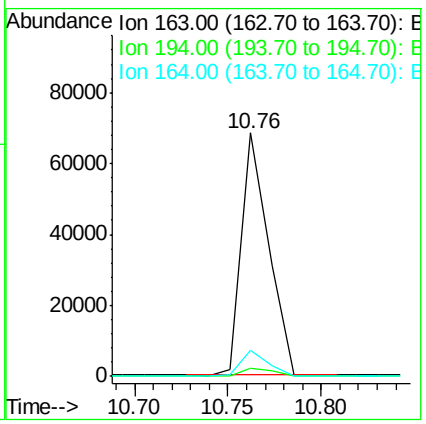


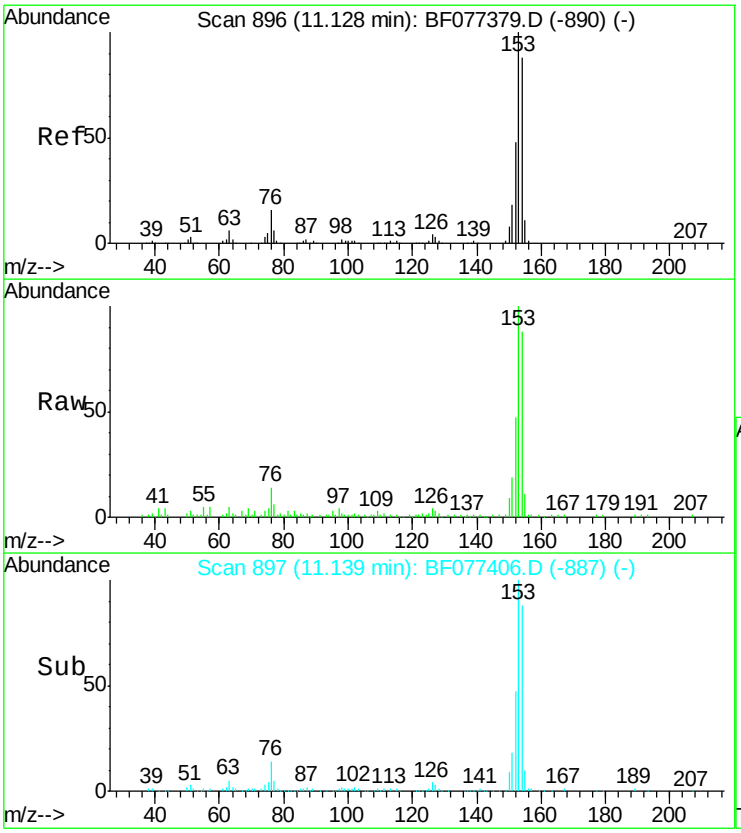
#49
Dimethylphthalate
Concen: 5.74 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:163 Resp: 69076

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.7	8.6	13.0

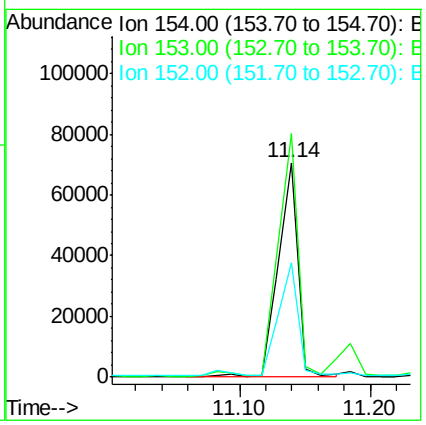


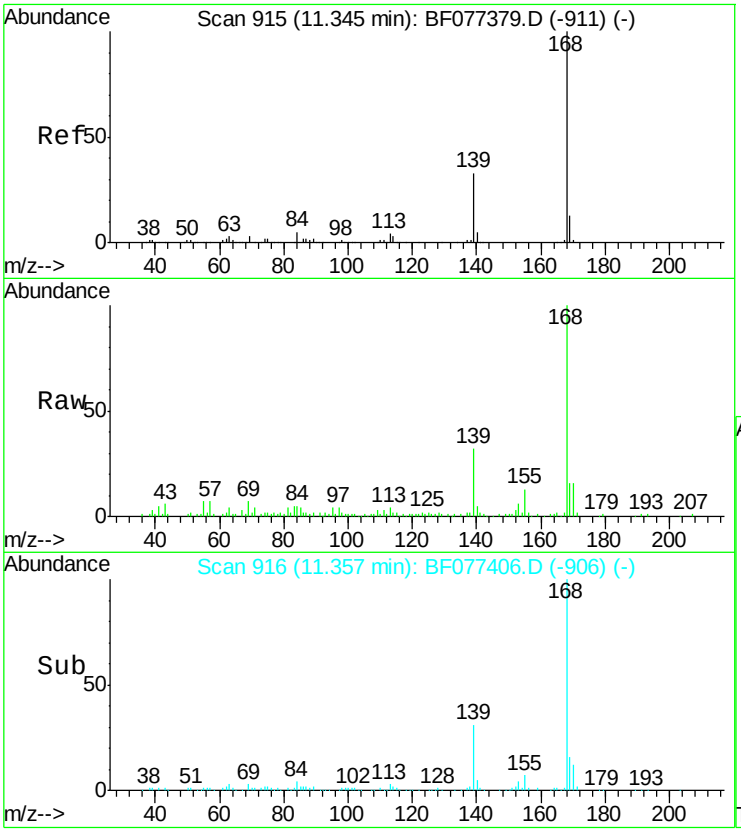


#51
Acenaphthene
Concen: 7.81 ng
RT: 11.14 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:154 Resp: 75003

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	53.6	43.5	65.3



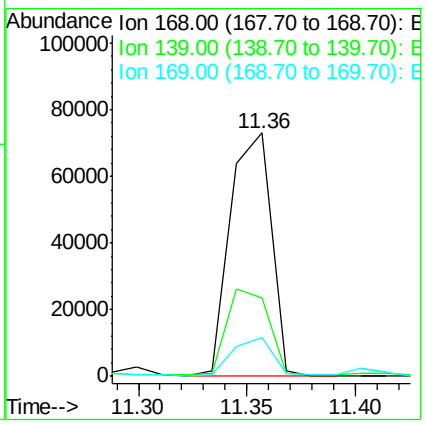


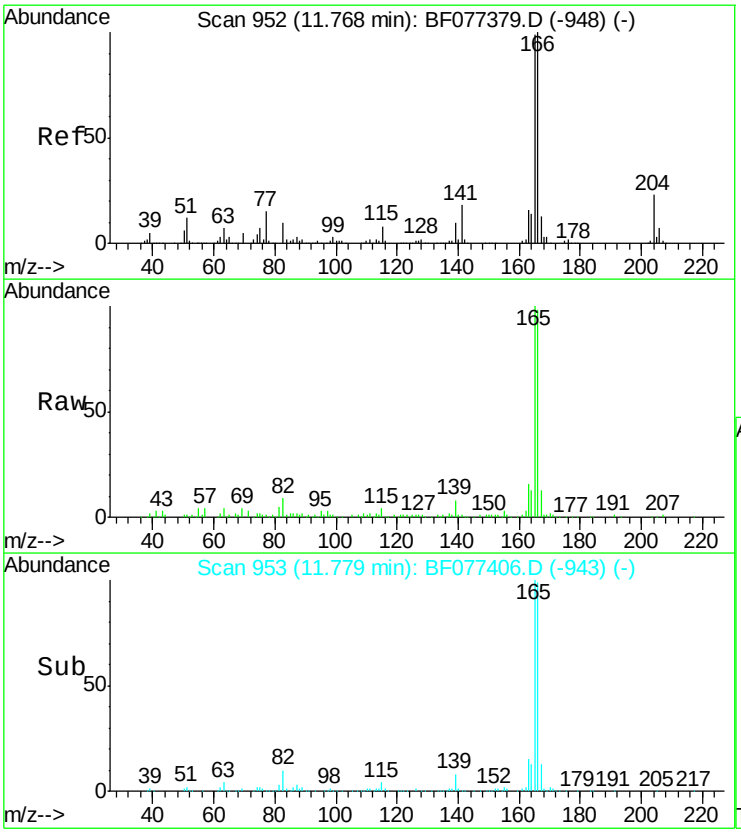
#54
Dibenzofuran
Concen: 6.48 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:168 Resp: 95998

Ion	Ratio	Lower	Upper
168	100		
139	32.4	29.3	43.9
169	16.0	10.9	16.3

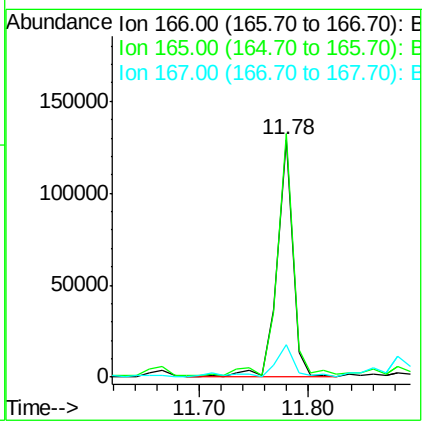


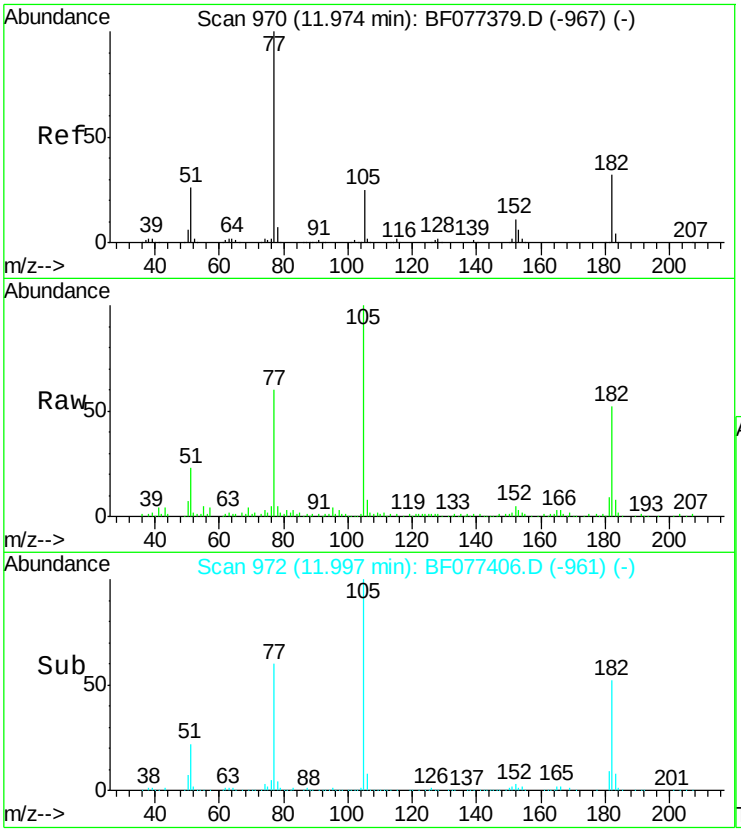


#57
Fluorene
Concen: 10.83 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:166 Resp: 128324

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.6	116.4
167	13.6	10.6	16.0



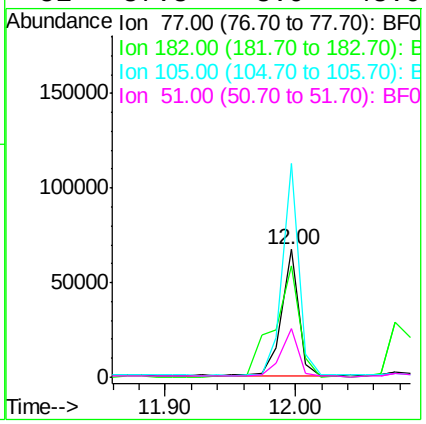


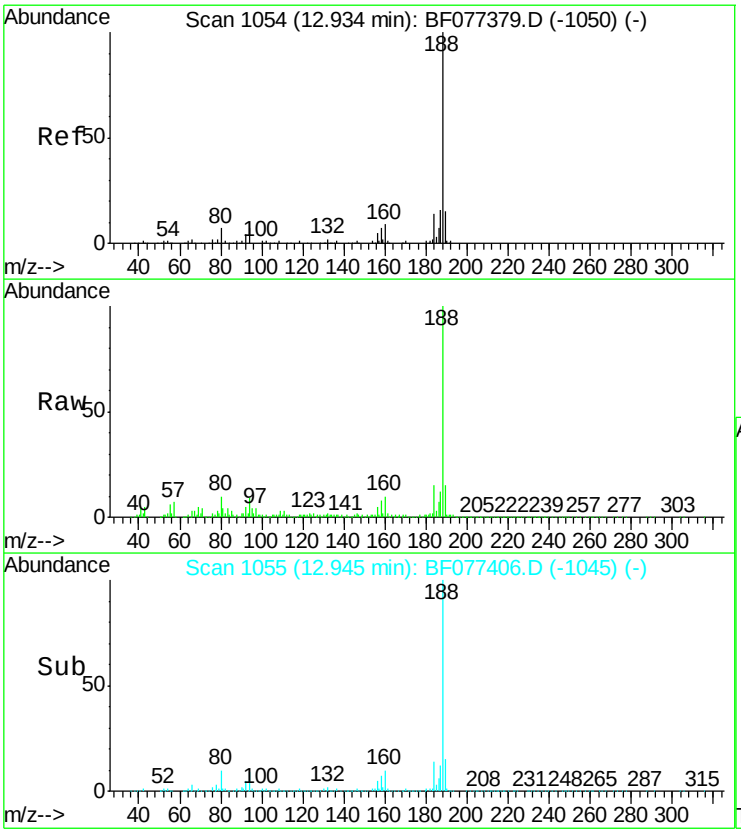
#62
Azobenzene
Concen: 5.49 ng
RT: 12.00 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion: 77 Resp: 61794

Ion	Ratio	Lower	Upper
77	100		
182	87.0	4.9	44.9#
105	167.0	3.3	43.3#
51	37.8	8.9	48.9

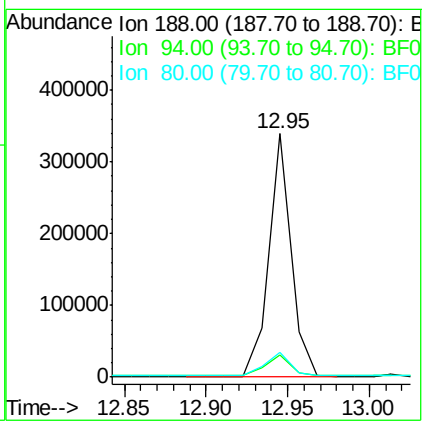


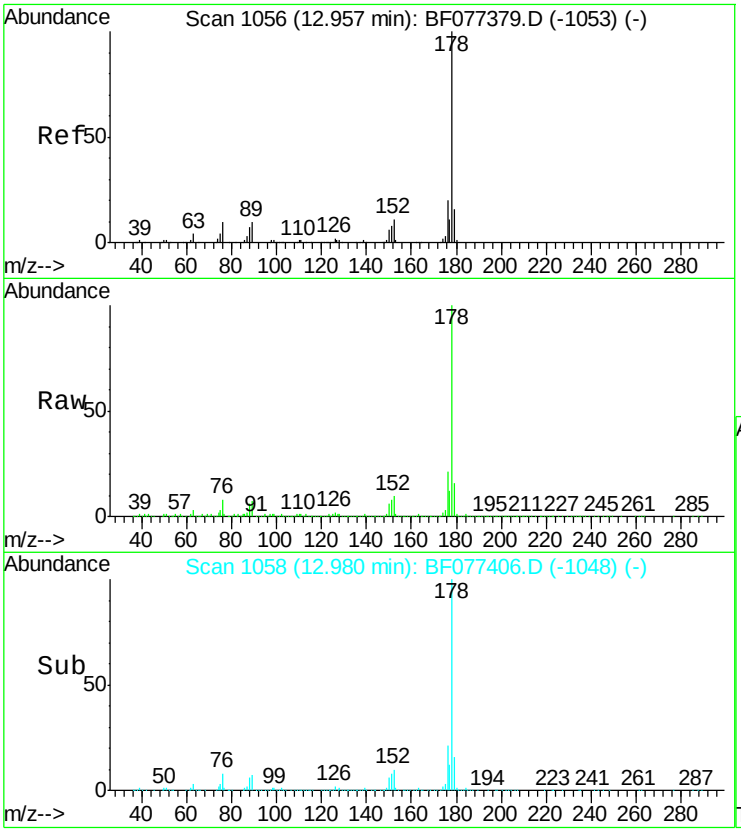


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:188 Resp: 323767

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.2	8.0	12.0



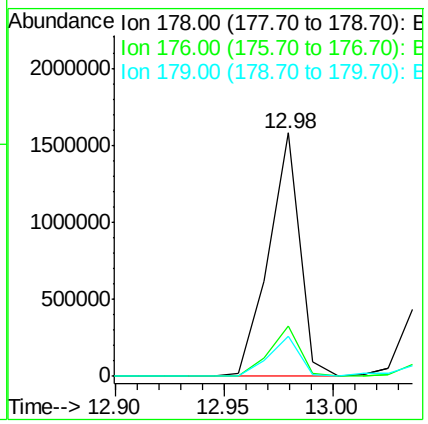


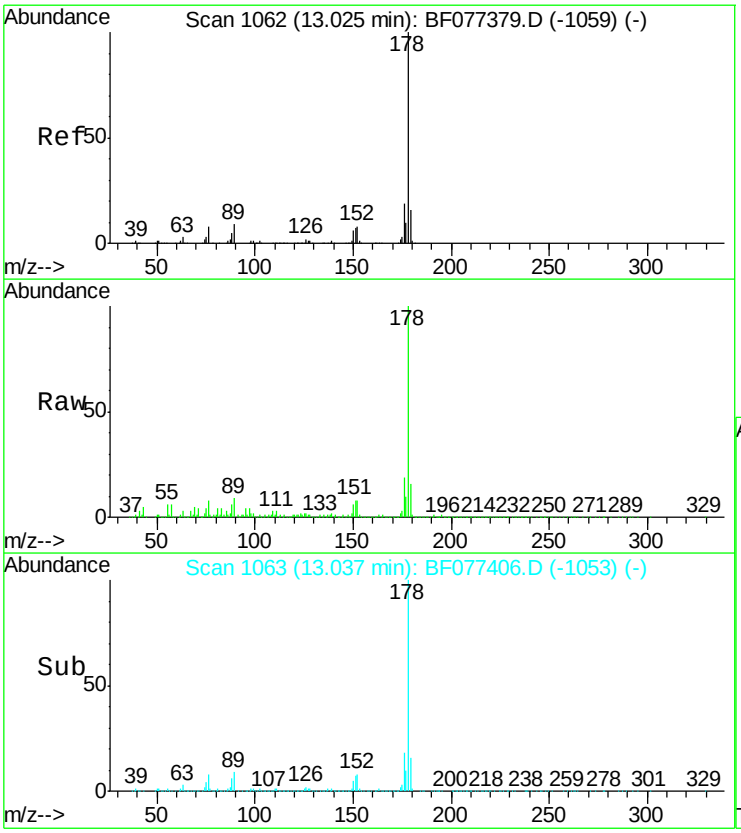
#70
Phenanthrene
Concen: 84.25 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:178 Resp: 1580984

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.5	23.3
179	16.4	12.2	18.2

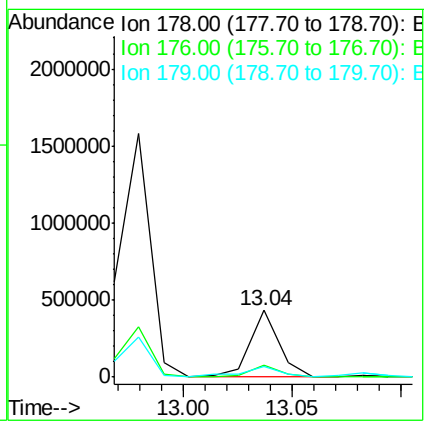


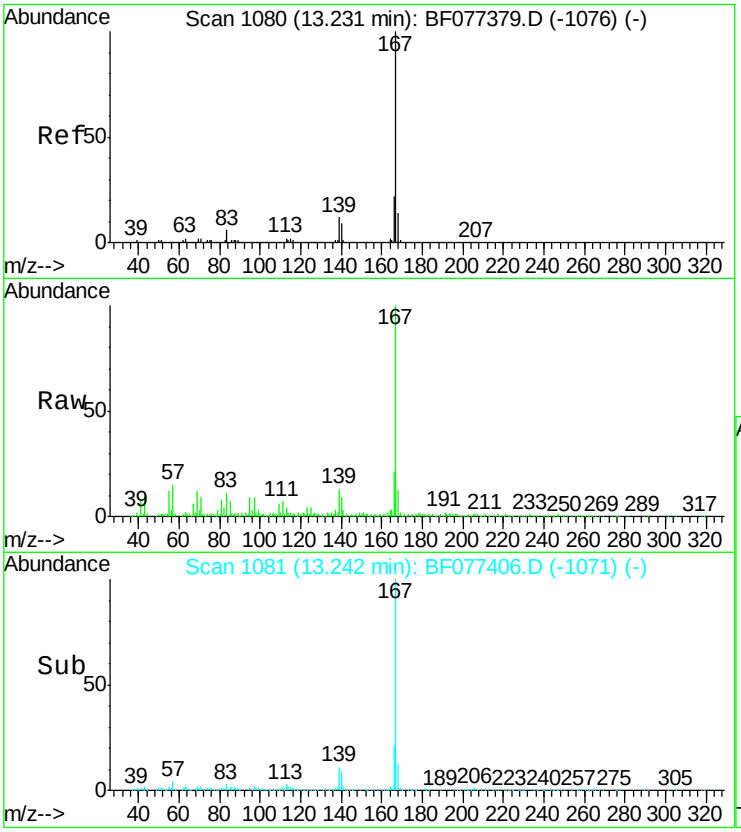


#71
Anthracene
Concen: 21.34 ng
RT: 13.04 min Scan# 1063
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:178 Resp: 397366

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.4	12.9	19.3



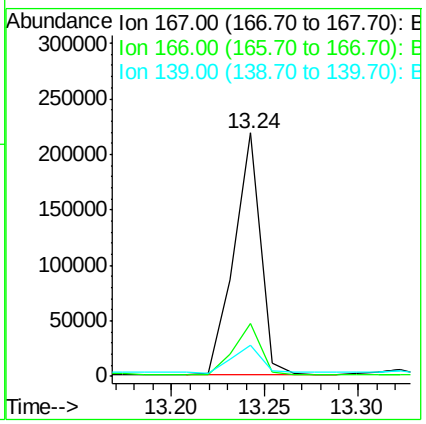


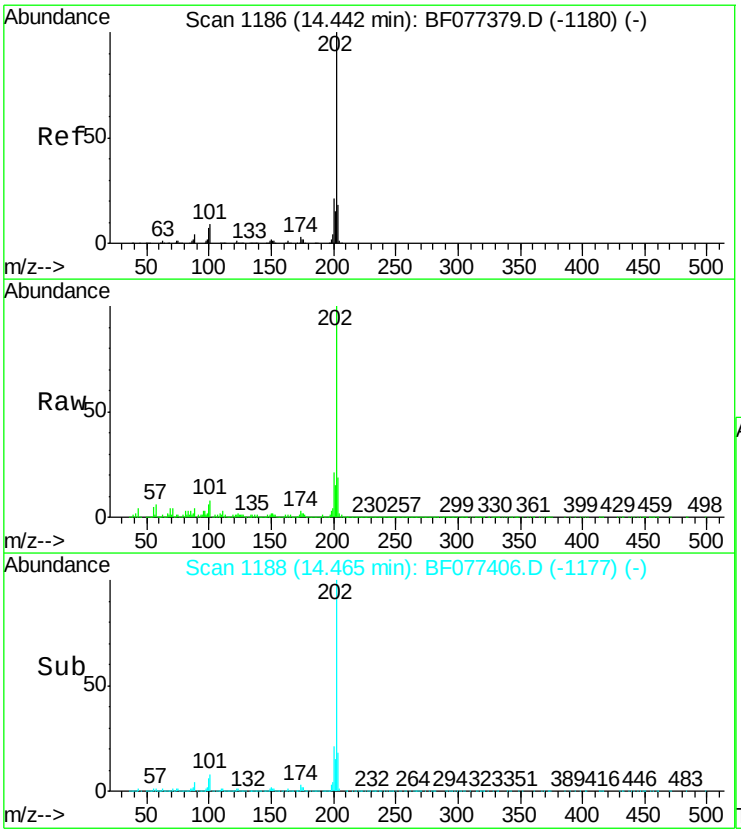
#72
Carbazole
Concen: 12.16 ng
RT: 13.24 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:167 Resp: 215297

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.6	9.9	14.9

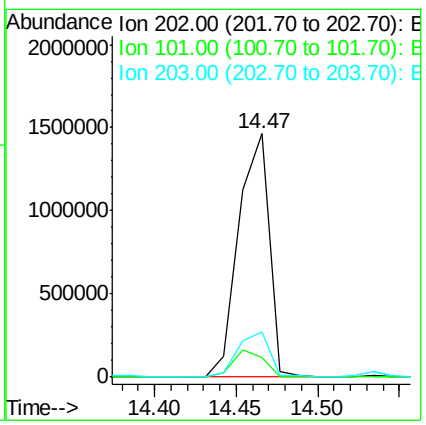


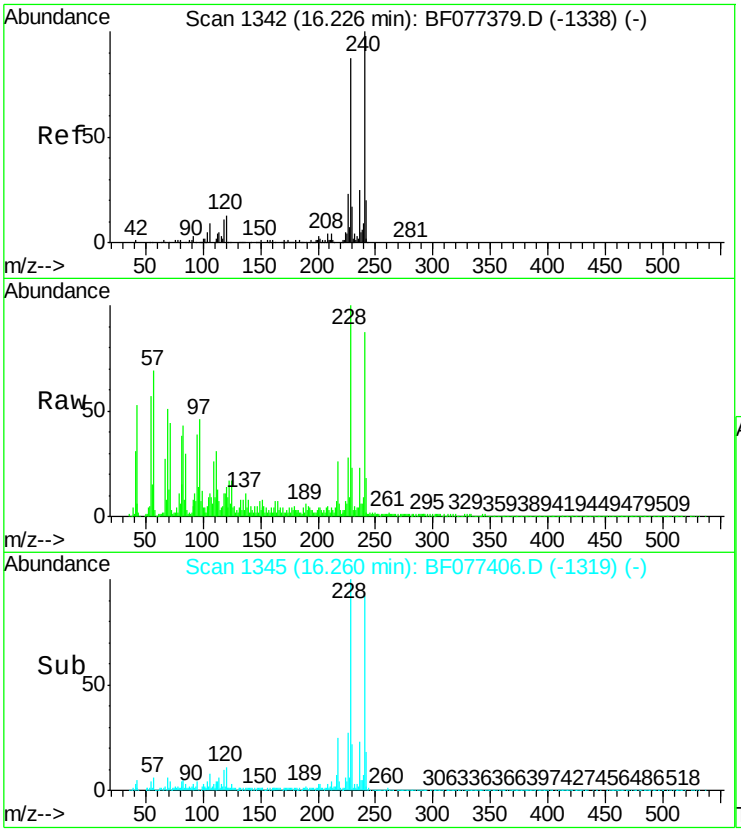


#74
Fluoranthene
Concen: 92.00 ng
RT: 14.47 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:202 Resp: 1885824

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.8
203	18.6	0.0	37.7



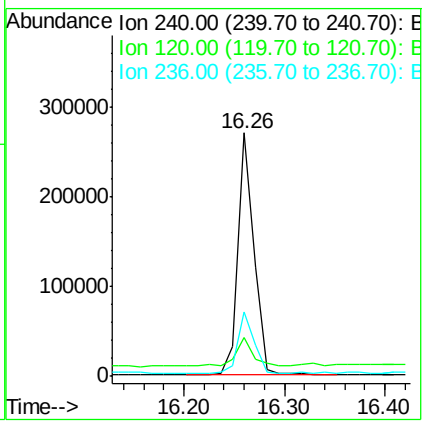


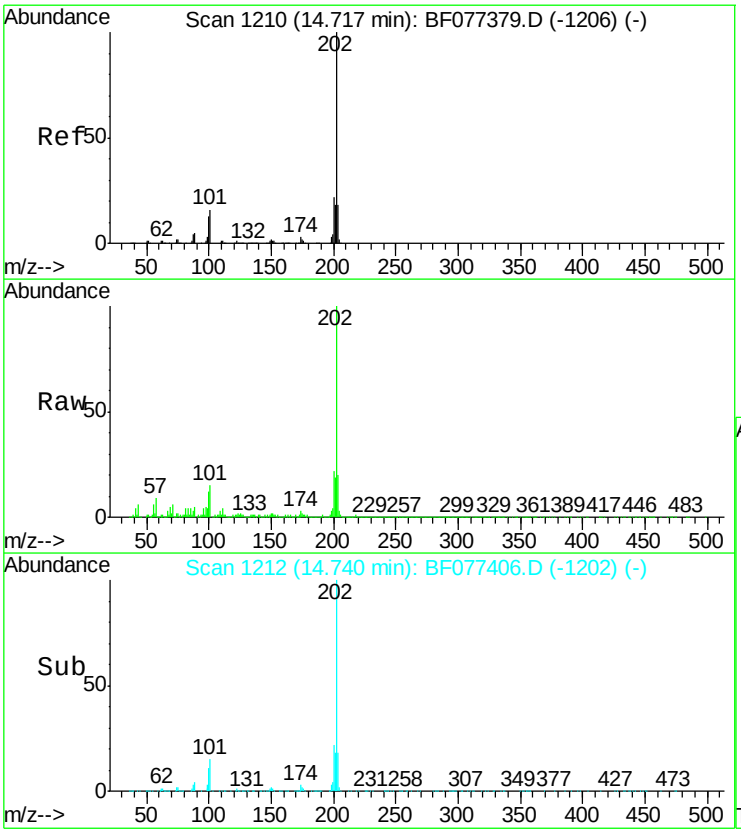
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:240 Resp: 298347

Ion	Ratio	Lower	Upper
240	100		
120	16.1	8.8	13.2#
236	26.4	20.7	31.1

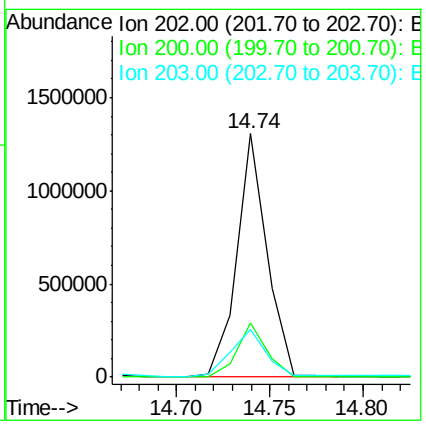


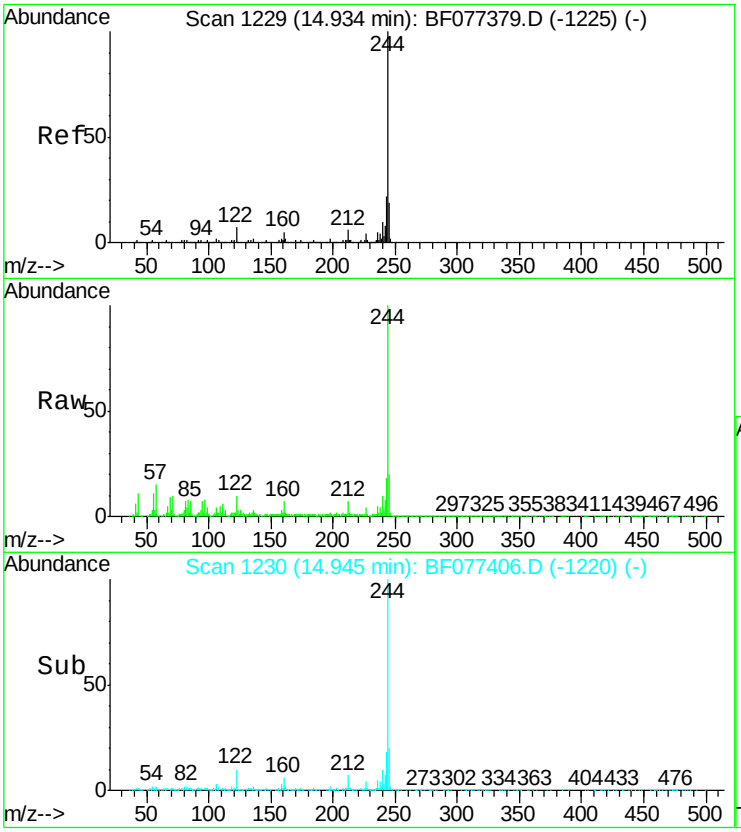


#77
Pyrene
Concen: 80.02 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:202 Resp: 1460355

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.1	25.7
203	19.7	14.2	21.2



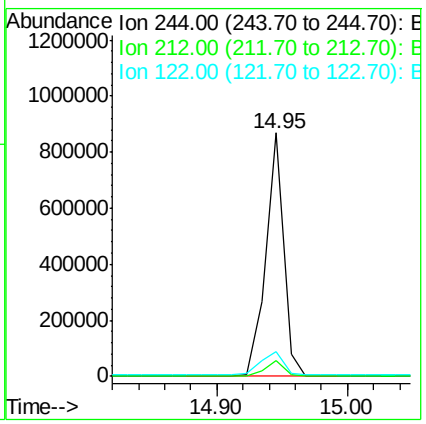


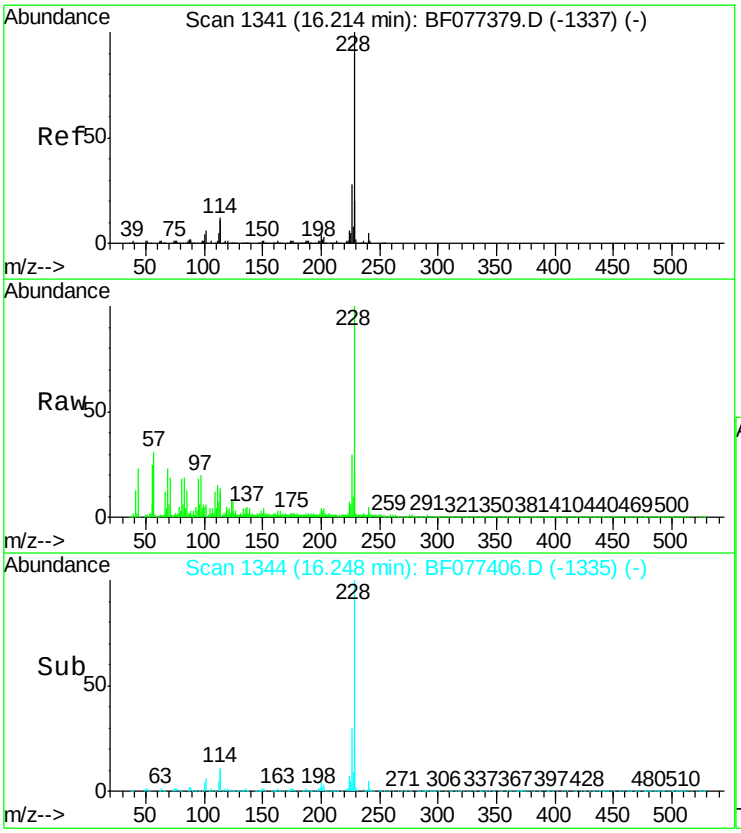
#78
Terphenyl-d14
Concen: 65.61 ng
RT: 14.95 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:244 Resp: 837362

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.2	7.8	11.8

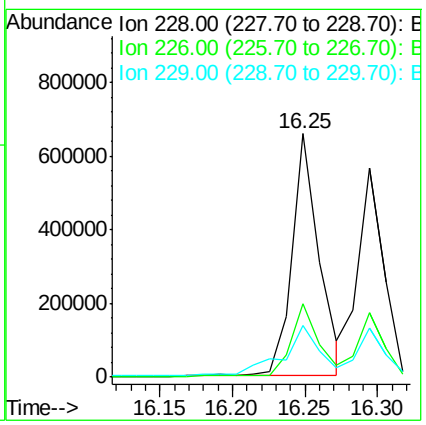


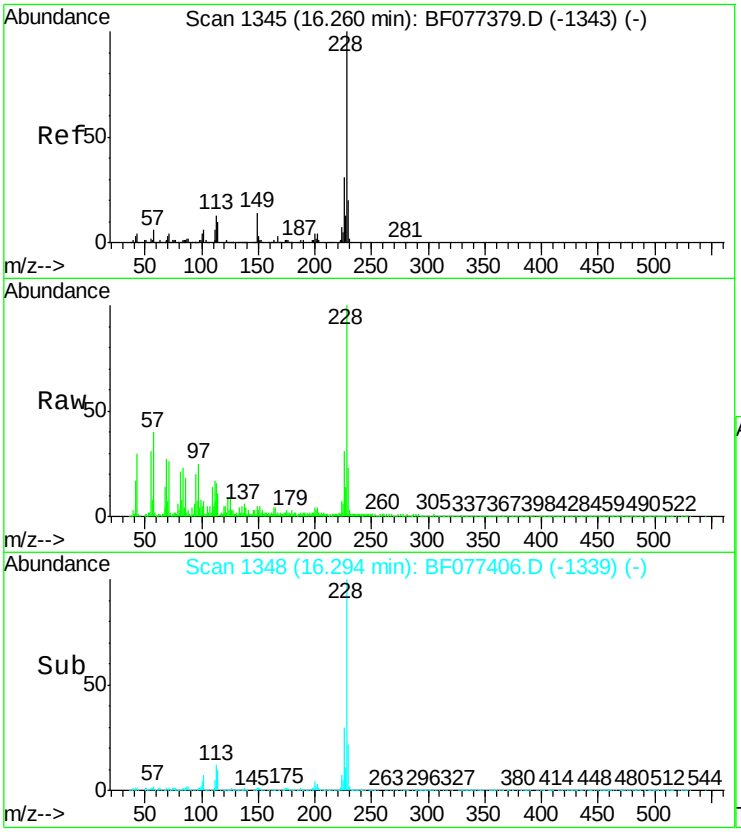


#80
Benzo(a)anthracene
Concen: 48.87 ng
RT: 16.25 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:228 Resp: 854485

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.0	33.0
229	21.3	15.8	23.8



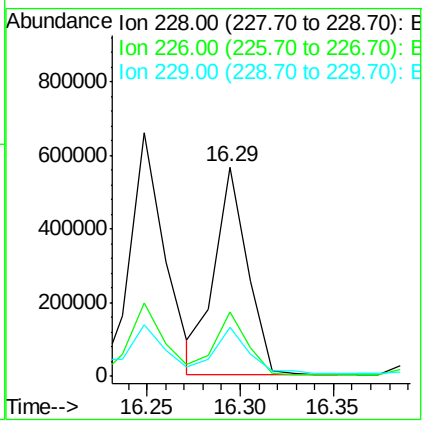


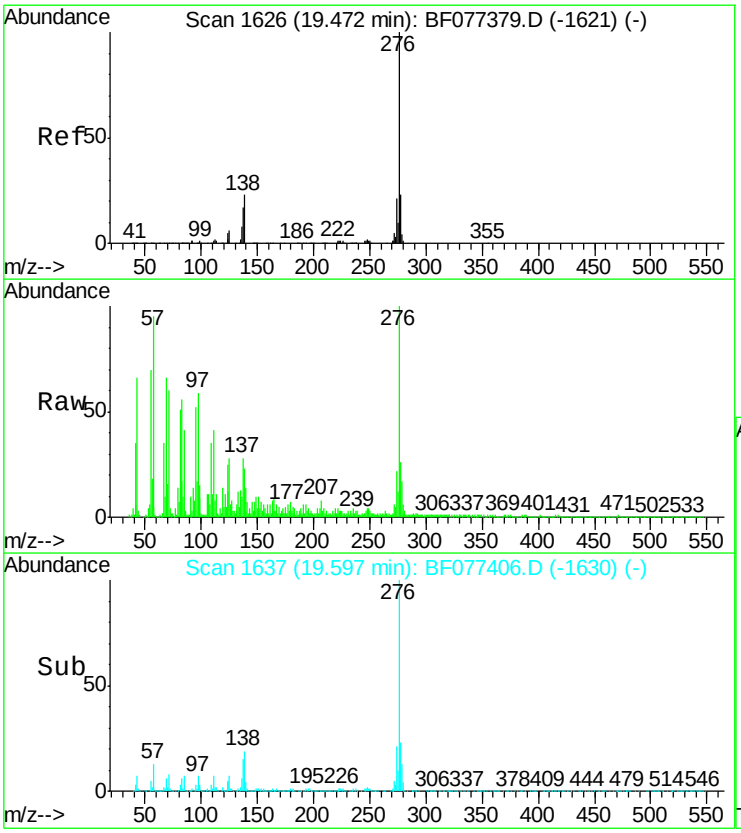
#82
Chrysene
Concen: 42.18 ng
RT: 16.29 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:228 Resp: 692591

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	23.2	16.4	24.6

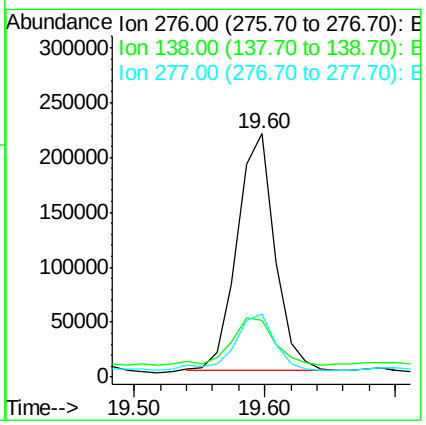


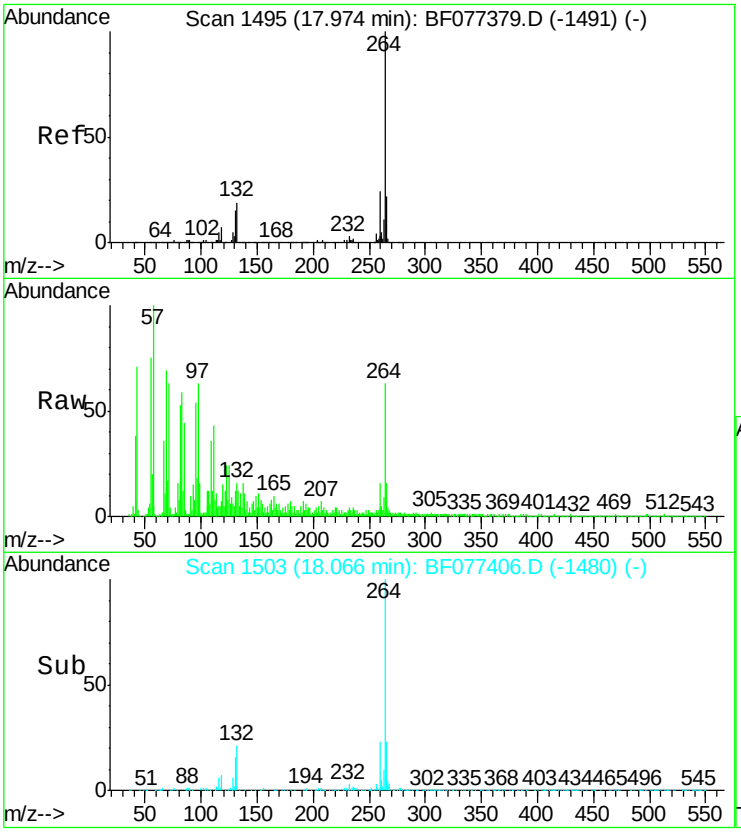


#85
Indeno(1,2,3-cd)pyrene
Concen: 23.34 ng
RT: 19.60 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:276 Resp: 436921

Ion	Ratio	Lower	Upper
276	100		
138	21.3	21.2	31.8
277	24.1	20.0	30.0



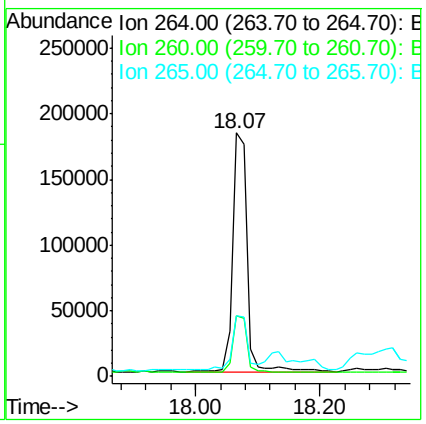


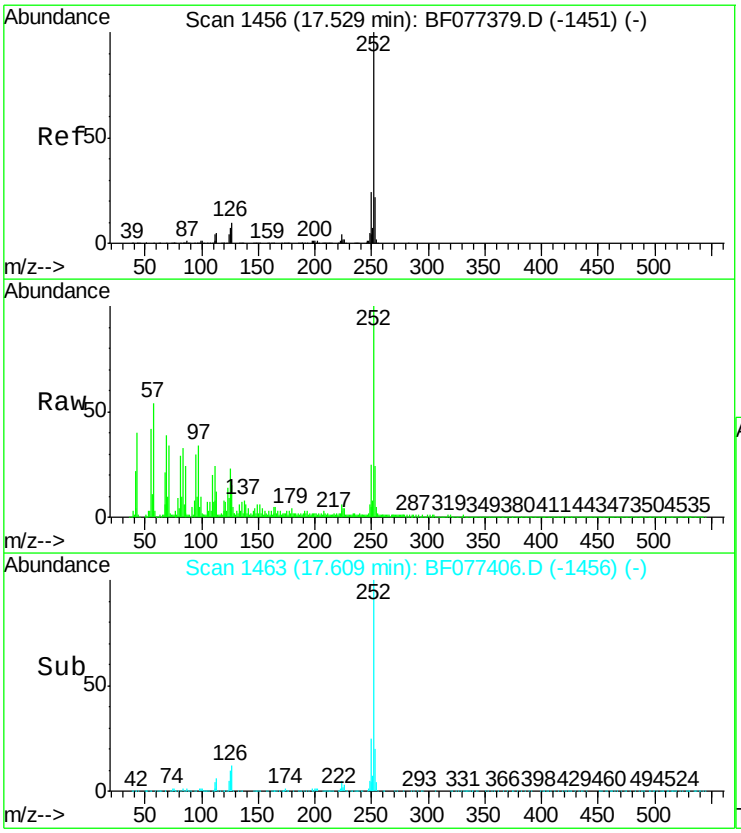
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.07 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:264 Resp: 295813

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	24.9	16.8	25.2

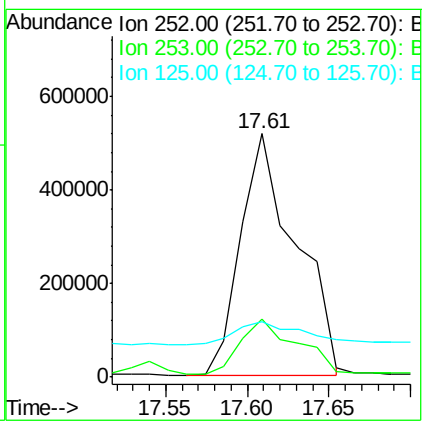


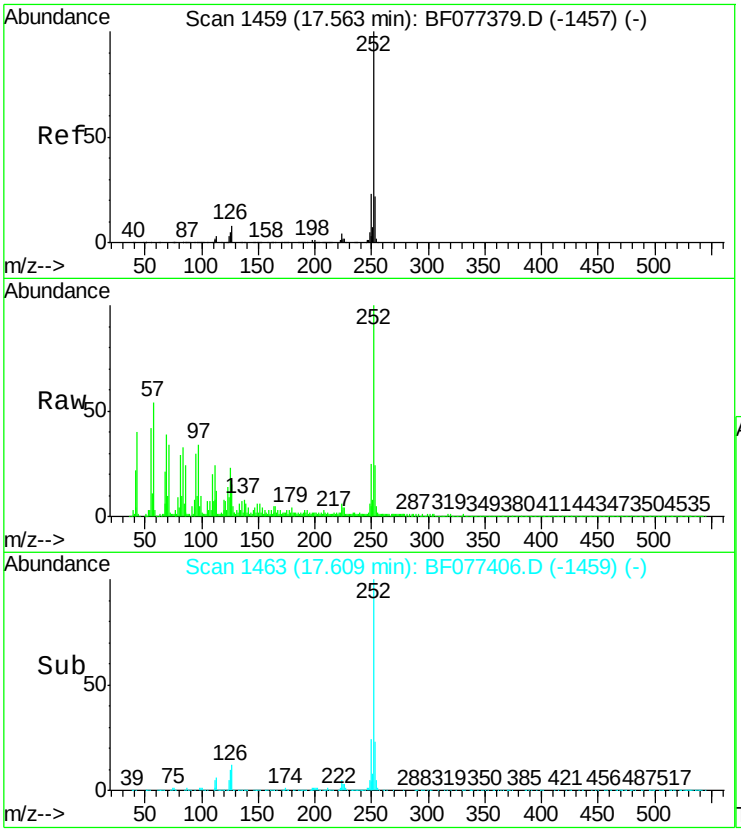


#87
Benzo(b)fluoranthene
Concen: 70.76 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:252 Resp: 1217157

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	22.8	5.4	8.2#



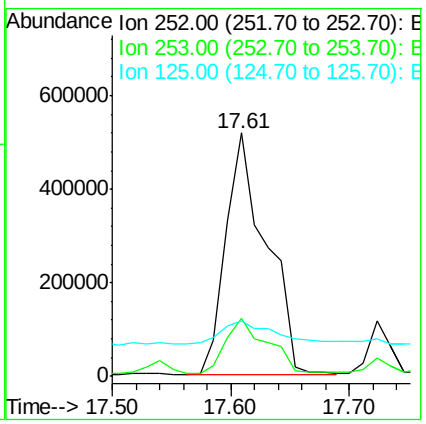


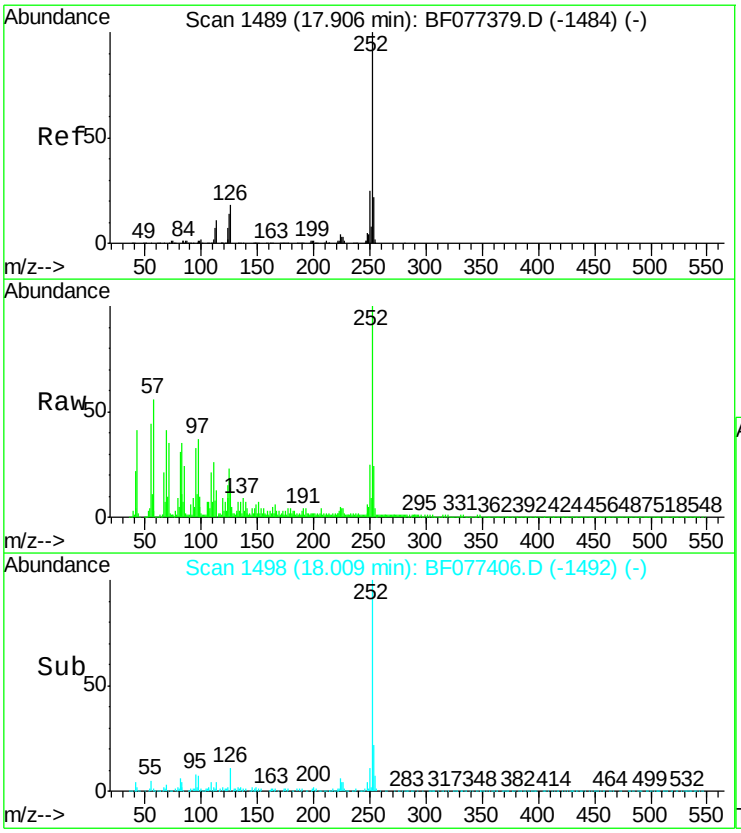
#88
Benzo(k)fluoranthene
Concen: 72.65 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:252 Resp: 1224805

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	22.8	10.1	15.1#

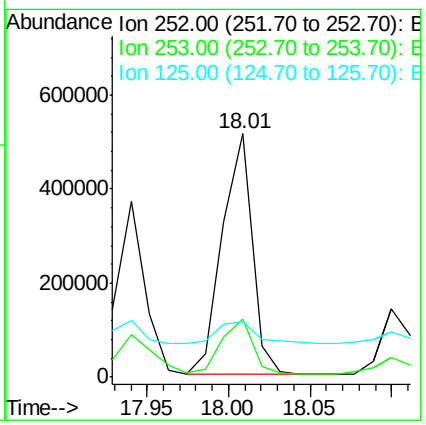


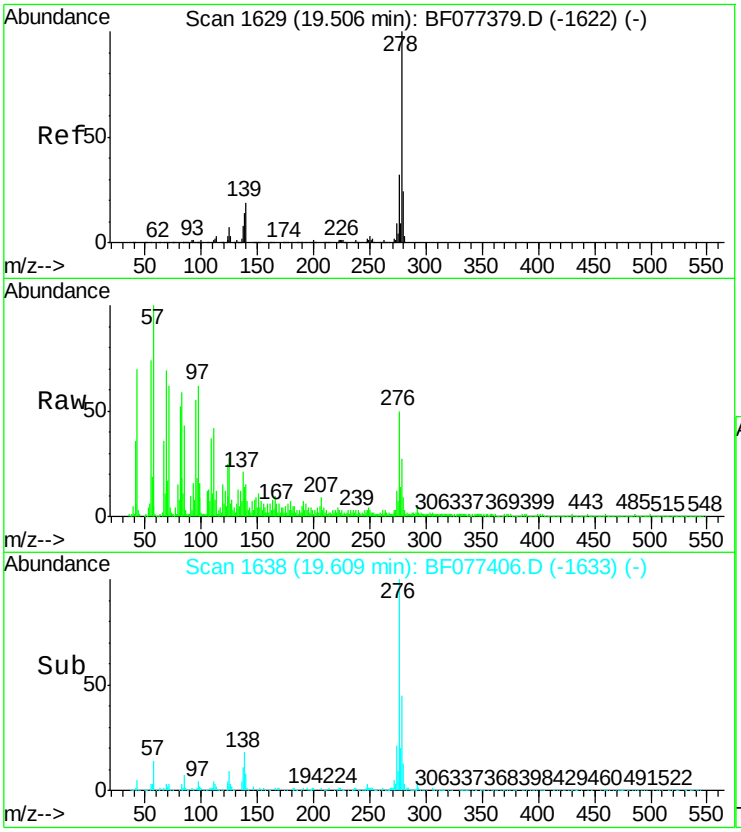


#89
Benzo(a)pyrene
Concen: 39.72 ng
RT: 18.01 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:252 Resp: 650794

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	22.8	8.3	12.5#



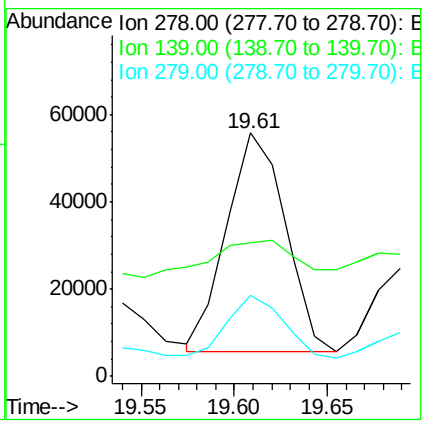


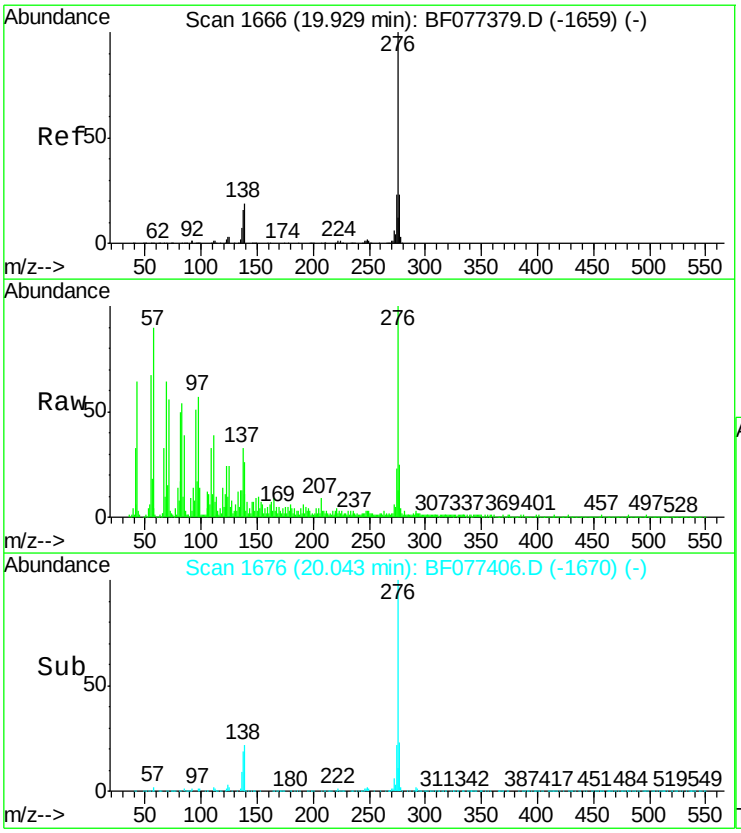
#90
Dibenzo(a,h)anthracene
Concen: 6.99 ng
RT: 19.61 min Scan# 1638
Delta R.T. -0.05 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Instrument :
BNA_F
ClientSampleId :
UB10PX3

Tgt Ion:278 Resp: 109144

Ion	Ratio	Lower	Upper
278	100		
139	54.9	14.3	21.5#
279	33.4	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 26.67 ng
RT: 20.04 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BF077406.D
Acq: 23 Feb 2015 15:41

Tgt Ion:276 Resp: 420631

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	26.4	20.5	30.7