Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077571.D
Acq On : 4 Mar 2015 4:19
Operator : TP/IZ
Sample : G1402-05DL2 200X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW44DL2

Quant Time: Mar 04 06:53:32 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	7.24	152	85976	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	351974	20.00	ng		0.00
38) Acenaphthene-d10	10.99	164	180945	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	352142	20.00	ng		0.00
75) Chrysene-d12	16.12	240	380620	20.00	ng		0.00
86) Perylene-d12	17.82	264	375567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.93	82	532	0.09	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	10.16	172	933	0.08	ng		0.00
78) Terphenyl-d14	14.83	244	1115	0.07	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.90	117	7315	3.25	ng	#	1
31) Naphthalene	8.84	128	1584591	90.03	ng		98
37) 2-Methylnaphthalene	9.70	142	405828	32.47	ng		98
45) 1,1'-Biphenyl	10.28	154	76048	5.55	ng		98
48) Acenaphthylene	10.81	152	40632	2.39	ng	#	91
51) Acenaphthene	11.03	154	151051	14.87	ng		99
57) Fluorene	11.66	166	132252	10.55	ng		97
70) Phenanthrene	12.86	178	574583	28.15	ng		99
71) Anthracene	12.92	178	175949	8.69	ng		99
74) Fluoranthene	14.34	202	235201	10.55	ng		98
77) Pyrene	14.62	202	369547	15.87	ng		99
80) Benzo(a)anthracene	16.15	228	80822	3.62	ng		95
82) Chrysene	16.14	228	113183	5.40	ng		98
87) Benzo(b)fluoranthene	17.39	252	108558	4.97	ng	#	92
88) Benzo(k)fluoranthene	17.39	252	109439	5.11	ng		97
89) Benzo(a)pyrene	17.75	252	104315	5.02	ng		98
91) Benzo(g,h,i)perylene	19.67	276	43453	2.17	ng		94

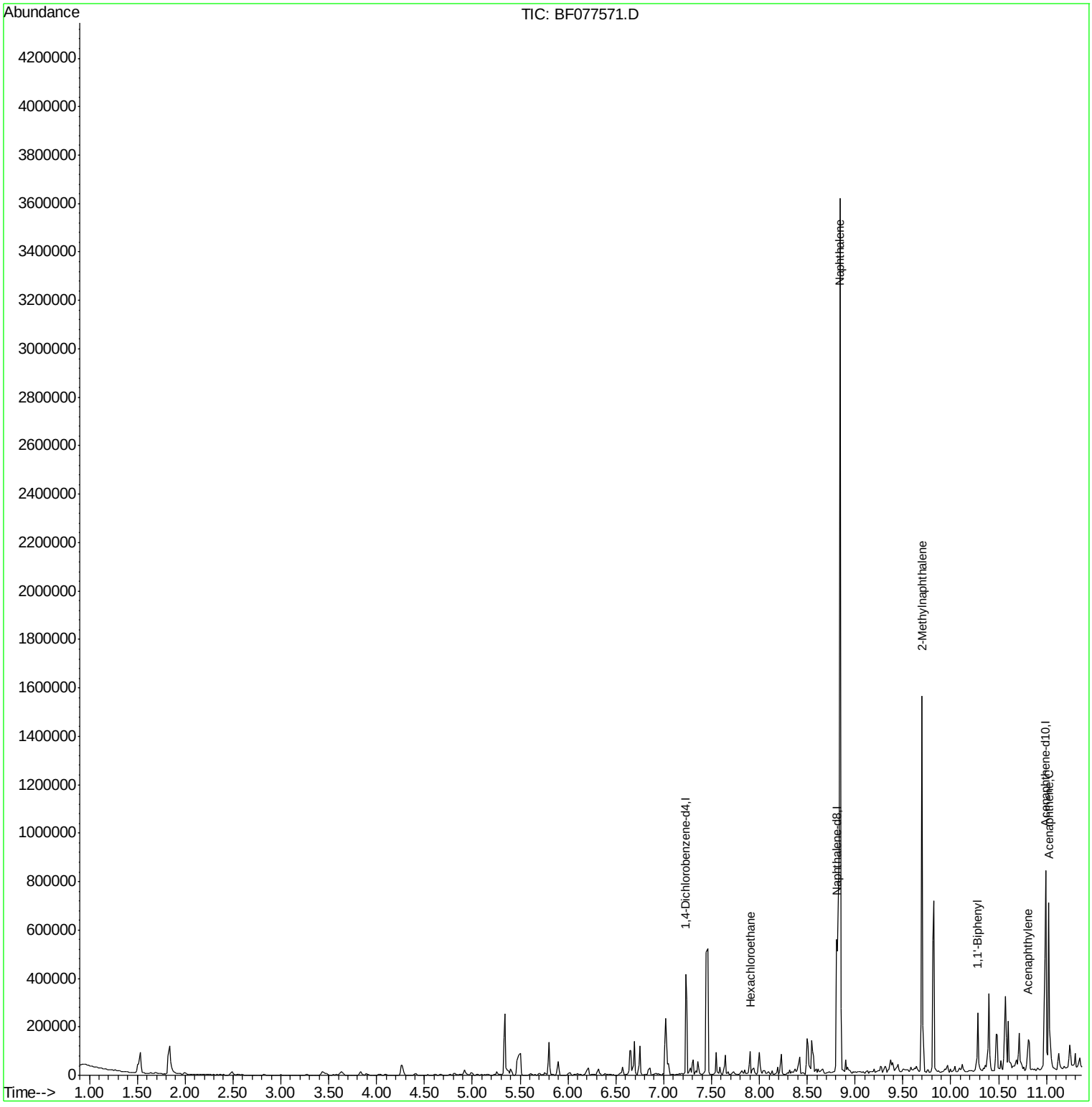
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077571.D
Acq On : 4 Mar 2015 4:19
Operator : TP/IZ
Sample : G1402-05DL2 200X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Quant Time: Mar 04 06:53:32 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

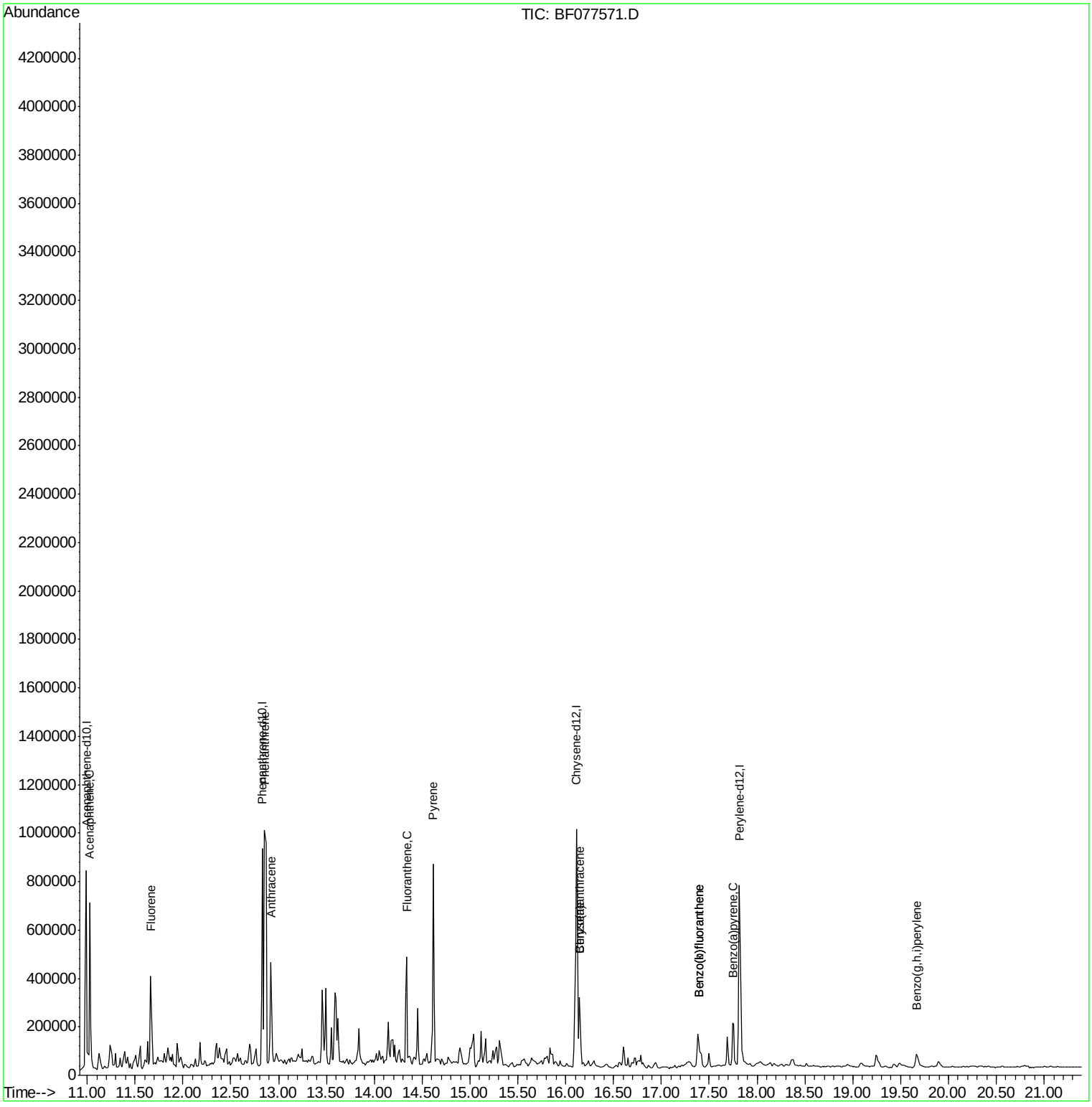


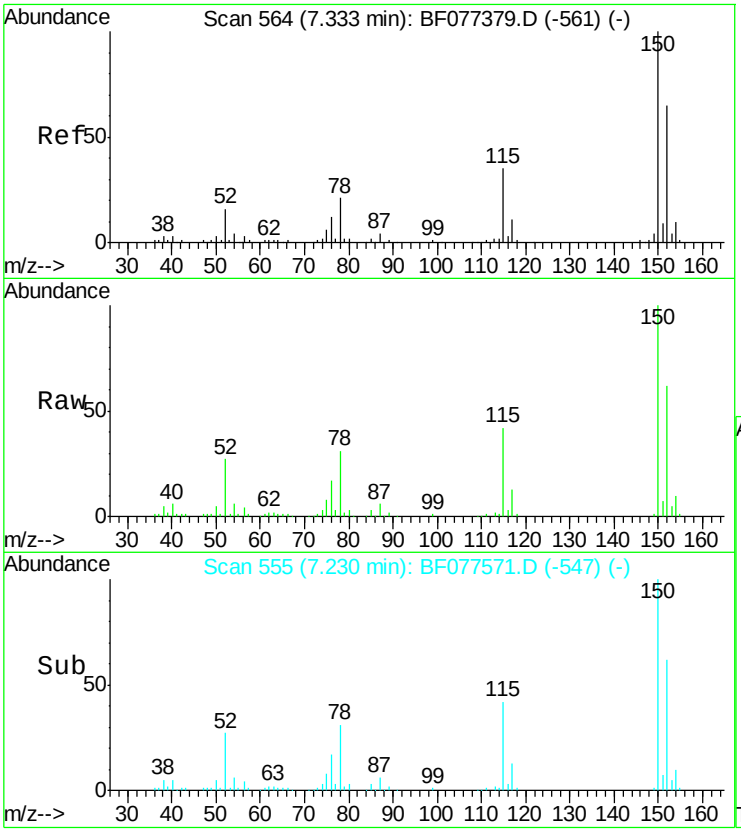
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077571.D
Acq On : 4 Mar 2015 4:19
Operator : TP/IZ
Sample : G1402-05DL2 200X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Quant Time: Mar 04 06:53:32 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



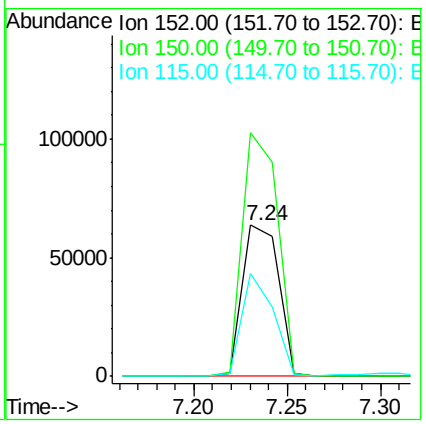


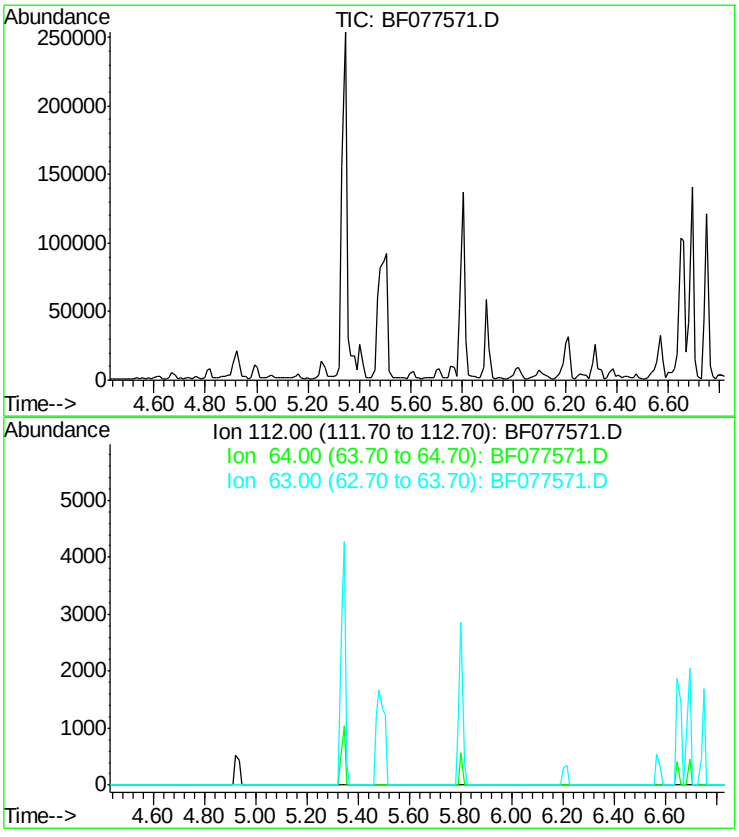
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:152 Resp: 85976

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.0	186.0
115	68.2	49.4	74.2



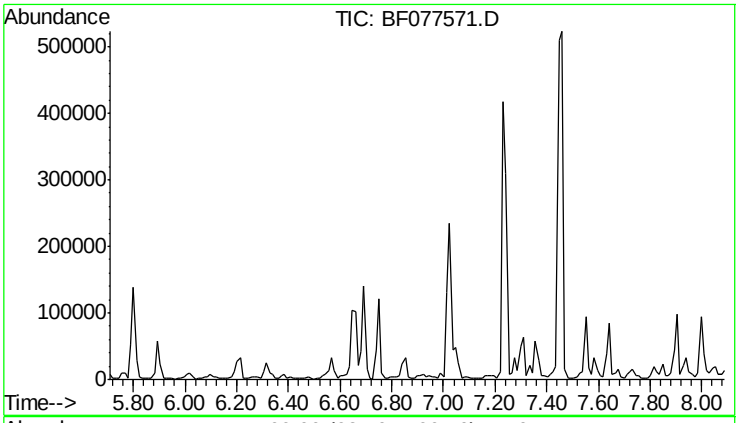


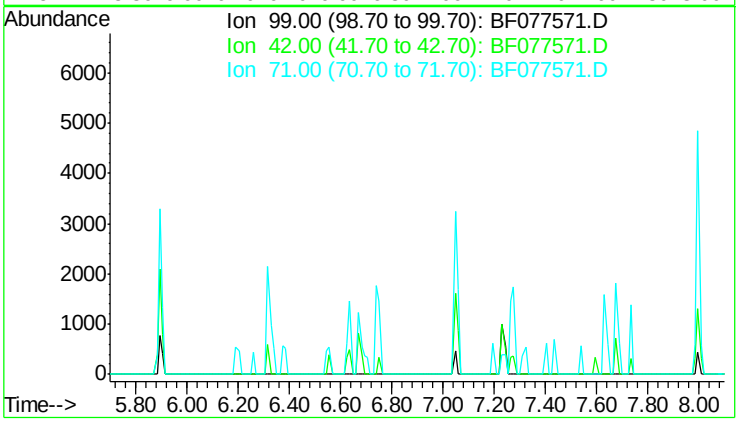
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.53 min

Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.6
63	31.2





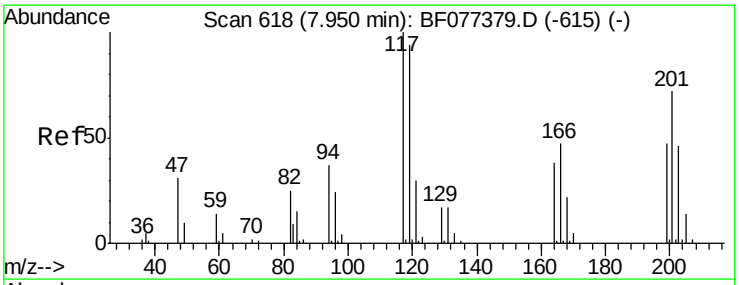
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.80 min

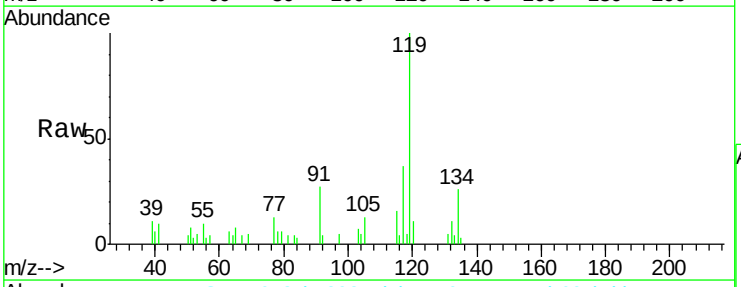
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

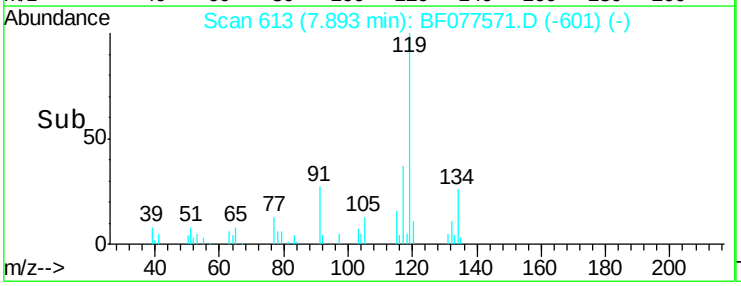
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.3
71	33.4

Instrument :
BNA_F
ClientSampleId :
MW44DL2



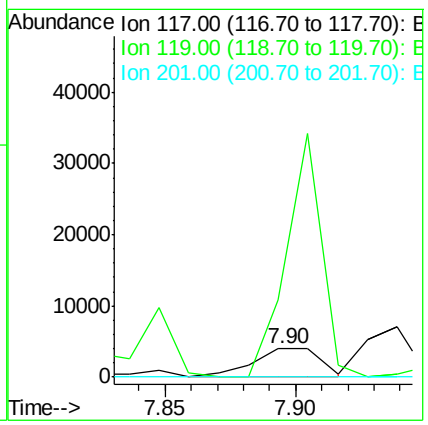


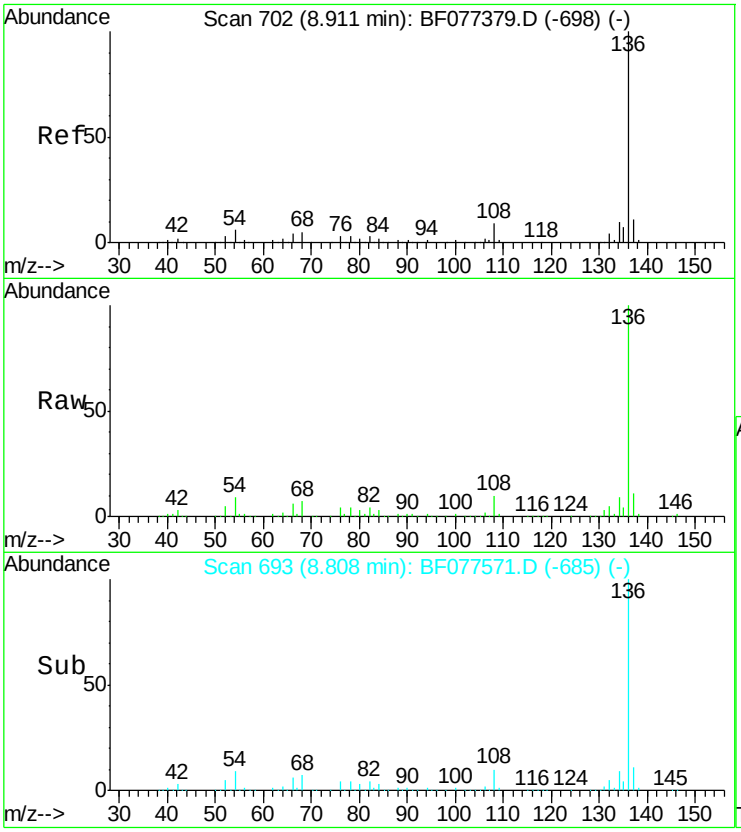


#18
Hexachloroethane
Concen: 3.25 ng
RT: 7.90 min Scan# 613
Delta R.T. 0.04 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:117 Resp: 7315

Ion	Ratio	Lower	Upper
117	100		
119	271.9	77.8	116.8#
201	0.0	90.6	136.0#



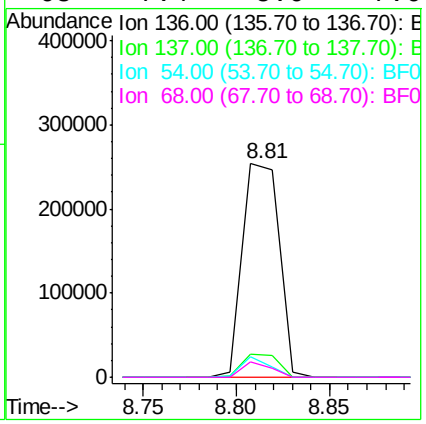


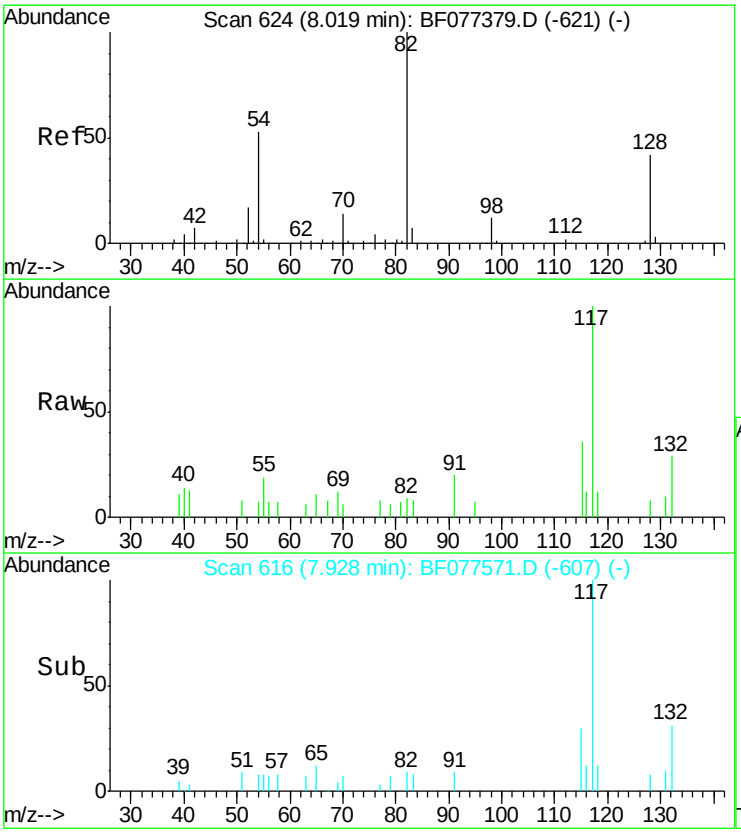
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:136 Resp: 351974

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	6.2	9.4#
68	7.4	5.0	7.6

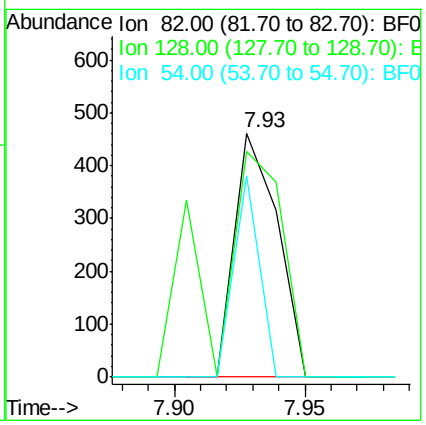


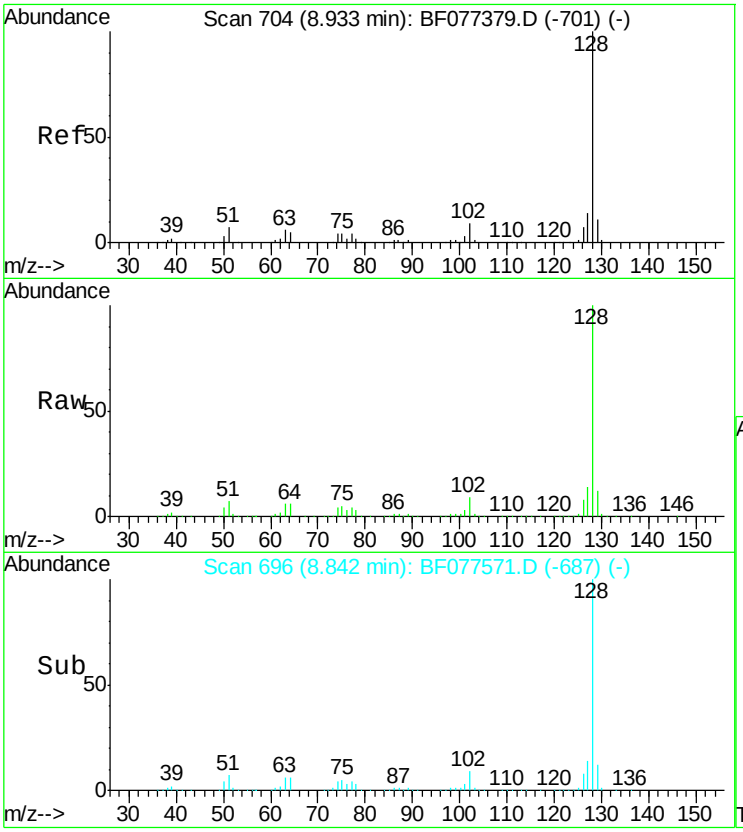


#23
Nitrobenzene-d5
Concen: 0.09 ng
RT: 7.93 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion: 82 Resp: 532

Ion	Ratio	Lower	Upper
82	100		
128	92.8	43.8	65.8#
54	82.9	36.7	55.1#



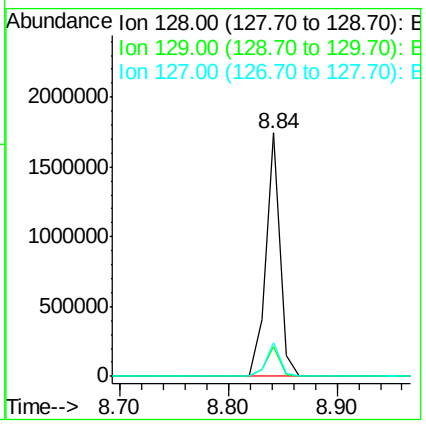


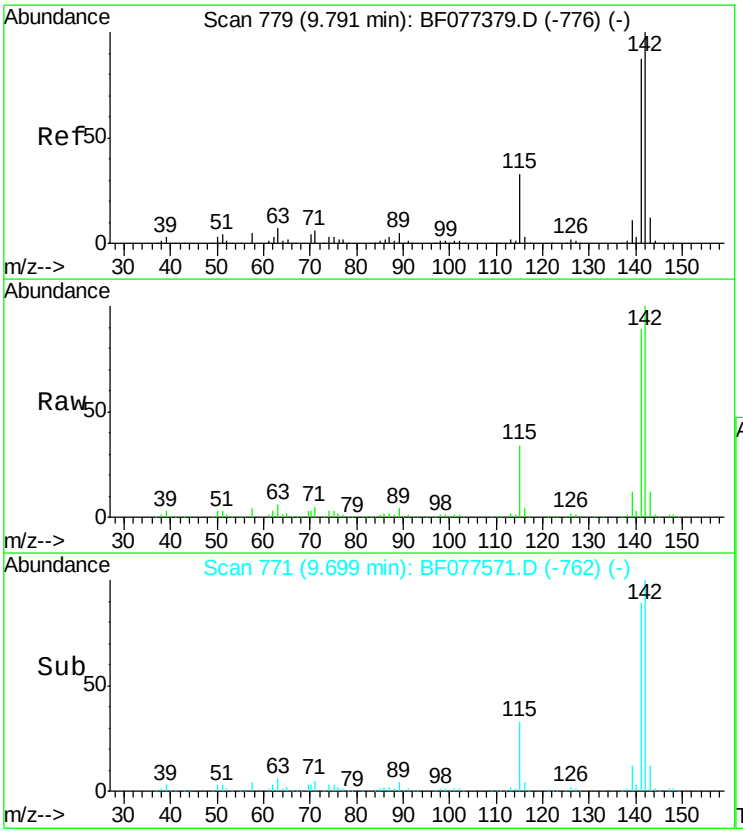
#31
Naphthalene
Concen: 90.03 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:128 Resp: 1584591

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.0	10.6	15.8

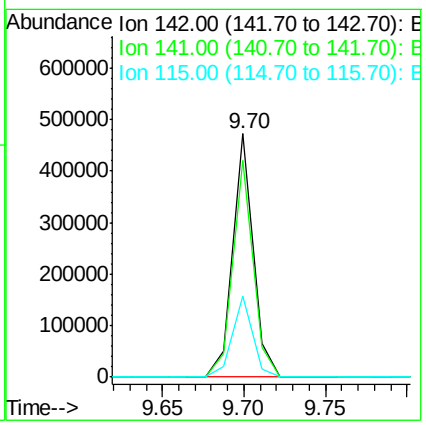


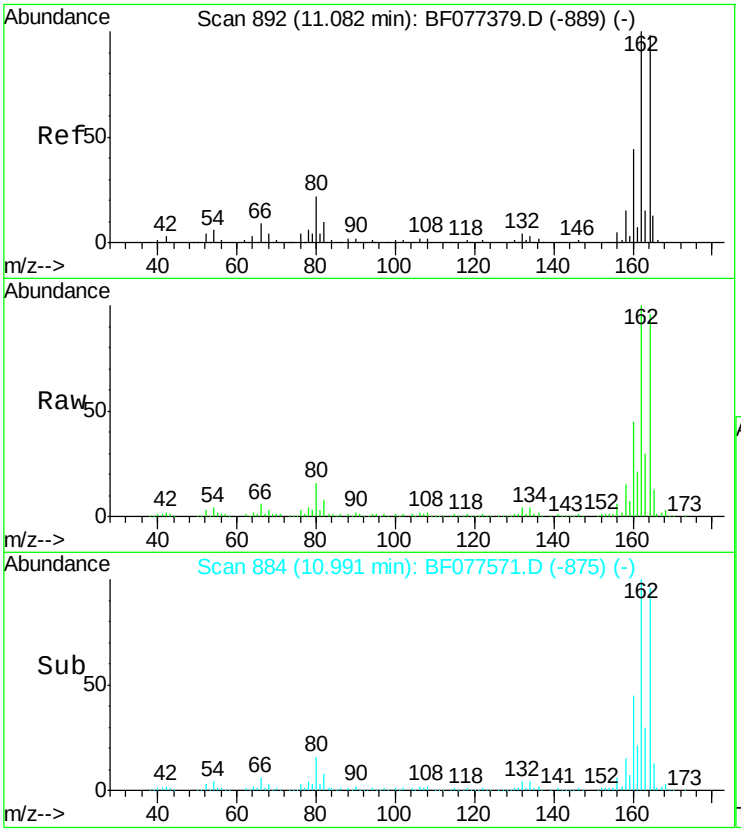


#37
2-Methylnaphthalene
Concen: 32.47 ng
RT: 9.70 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:142 Resp: 405828

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.7	106.1
115	33.5	24.2	36.4



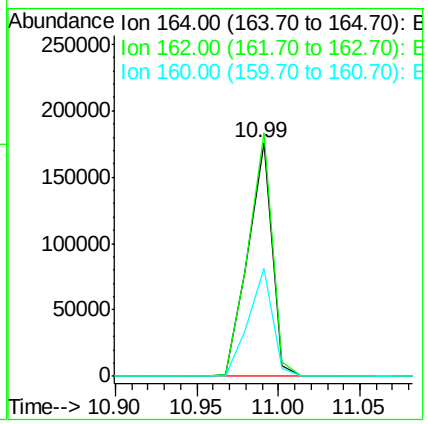


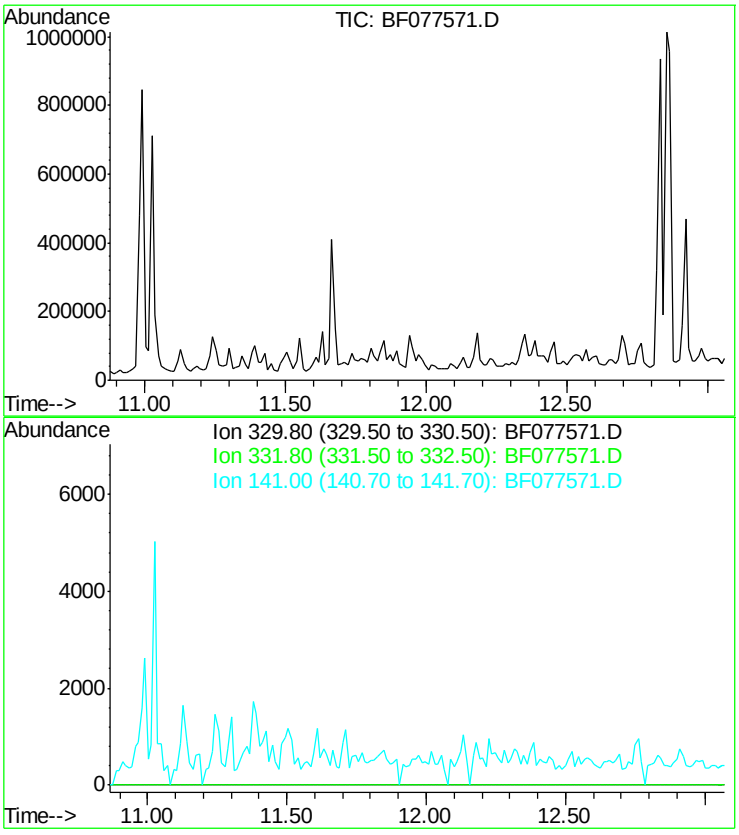
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:164 Resp: 180945

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.2	124.8
160	46.3	34.6	52.0



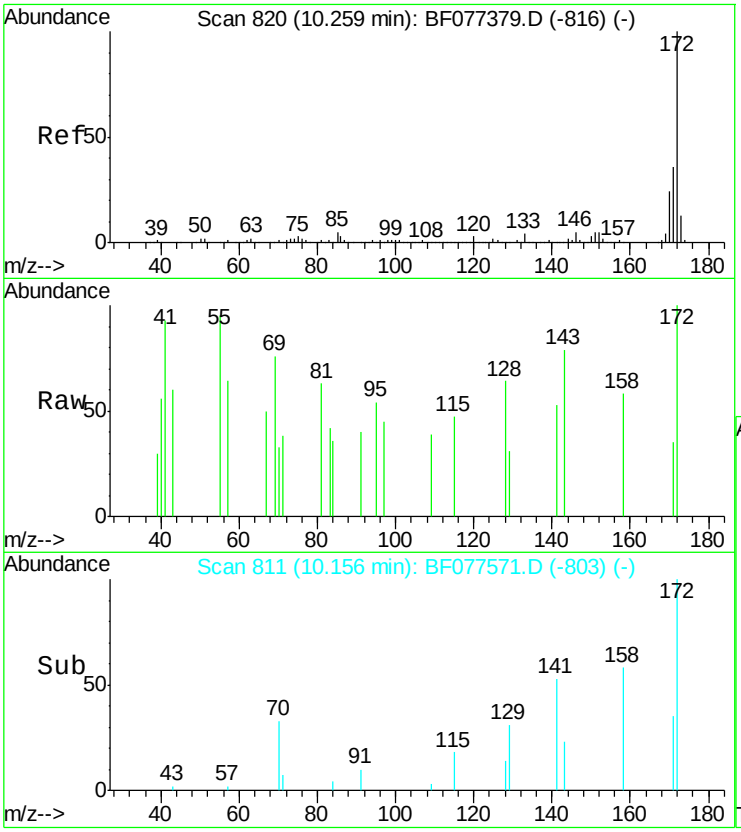


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 11.97 min

Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.8
141	36.0

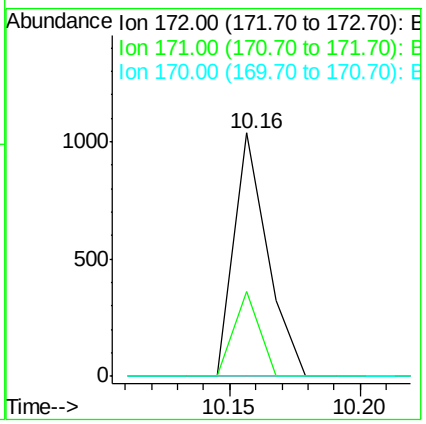


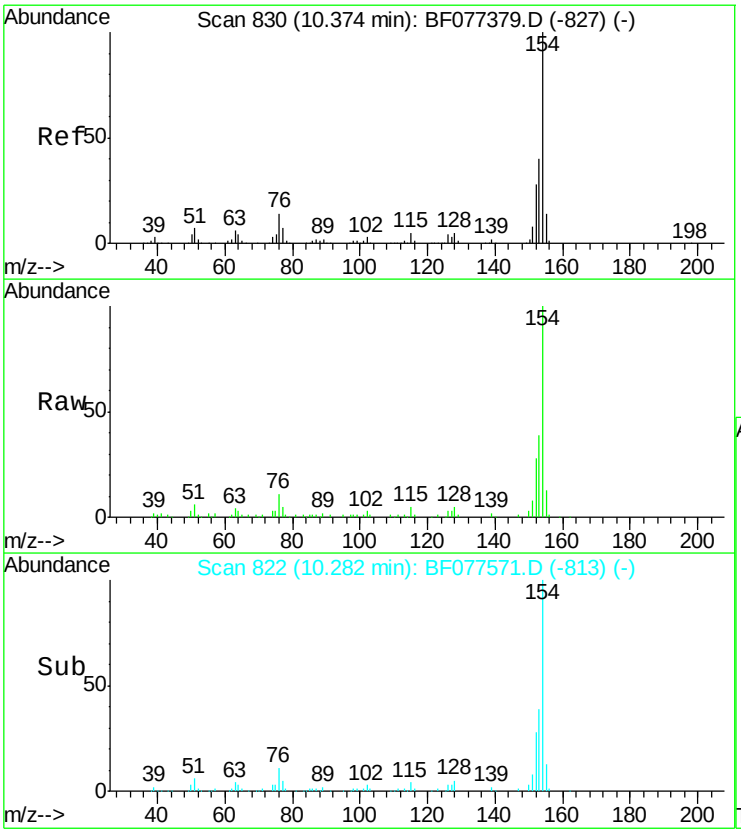
#44
2-Fluorobiphenyl
Concen: 0.08 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:172 Resp: 933

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	0.0	19.4	29.2#

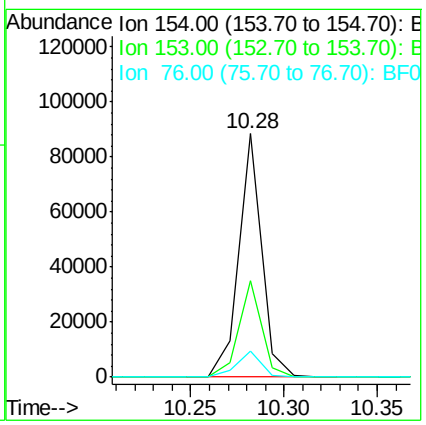


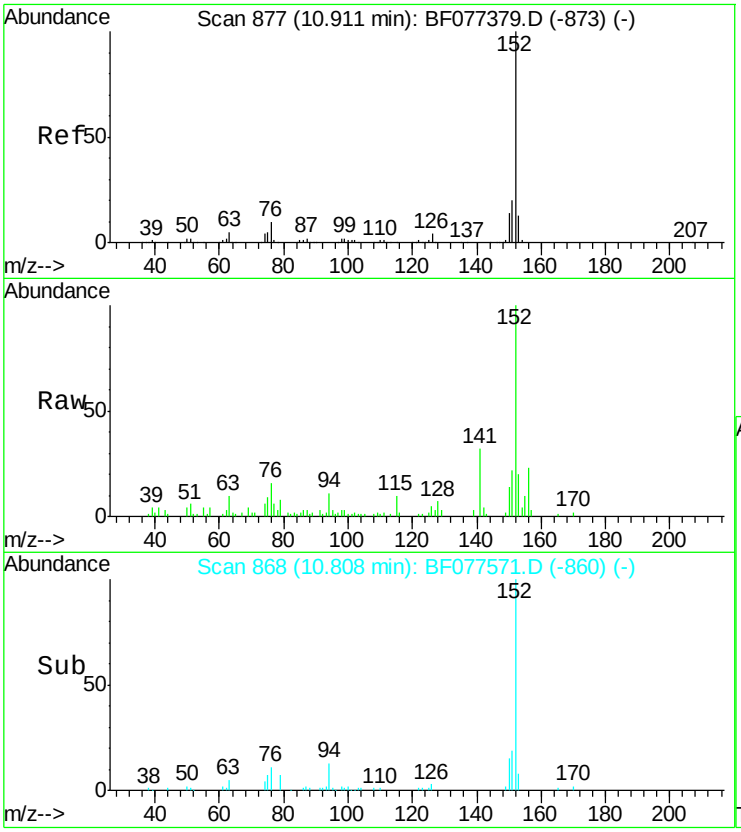


#45
1,1'-Biphenyl
Concen: 5.55 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:154 Resp: 76048

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.2	60.2
76	10.8	0.0	29.4



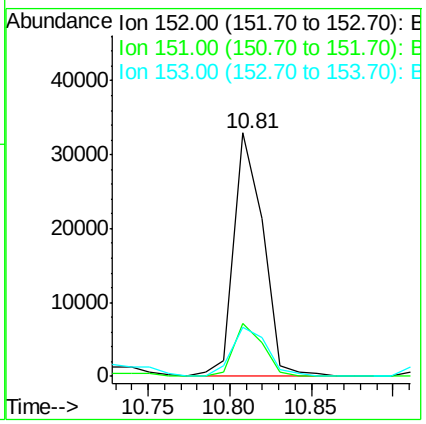


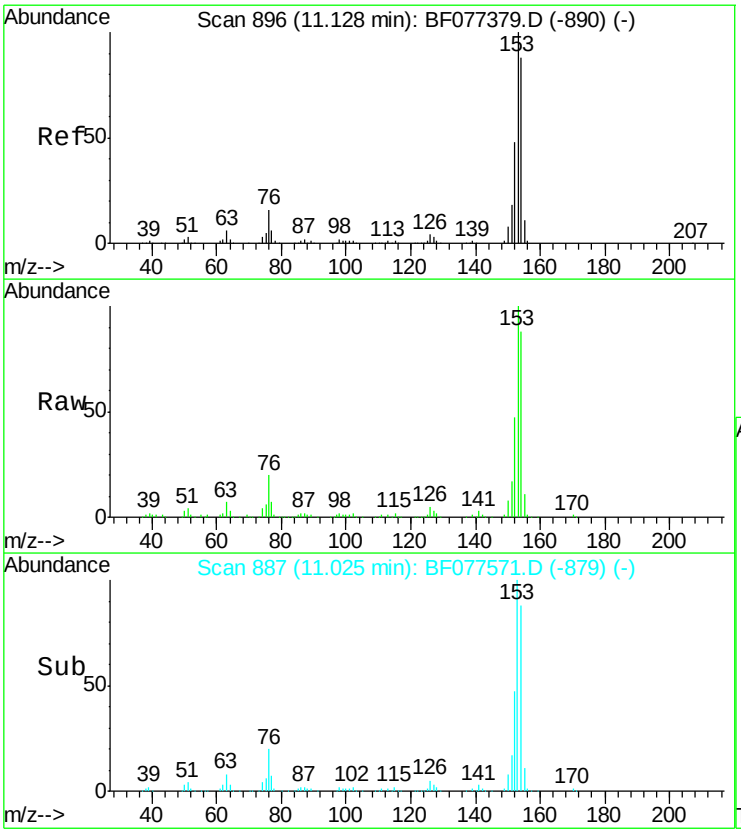
#48
Acenaphthylene
Concen: 2.39 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:152 Resp: 40632

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.1	24.1
153	20.1	10.9	16.3#

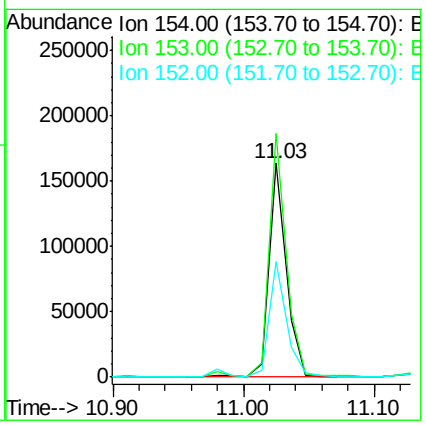


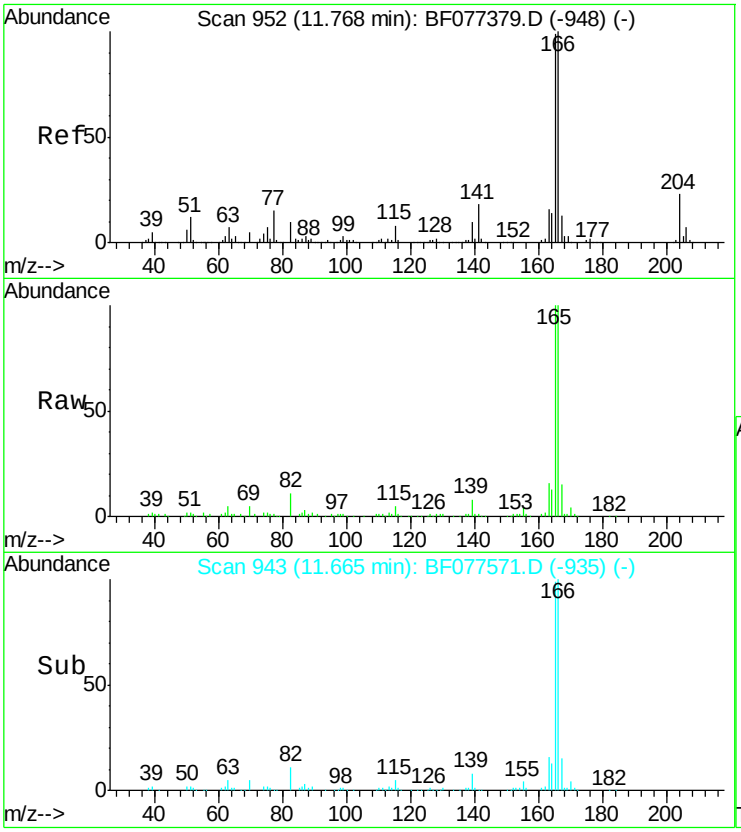


#51
Acenaphthene
Concen: 14.87 ng
RT: 11.03 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:154 Resp: 151051

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.5	135.7
152	53.9	43.5	65.3



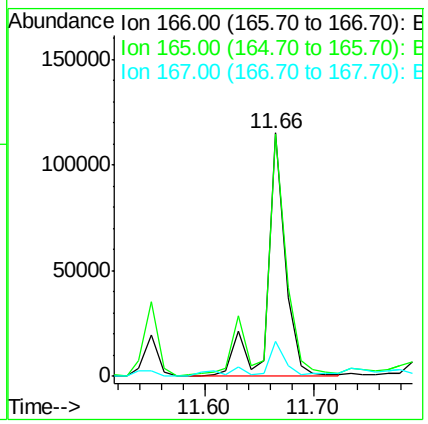


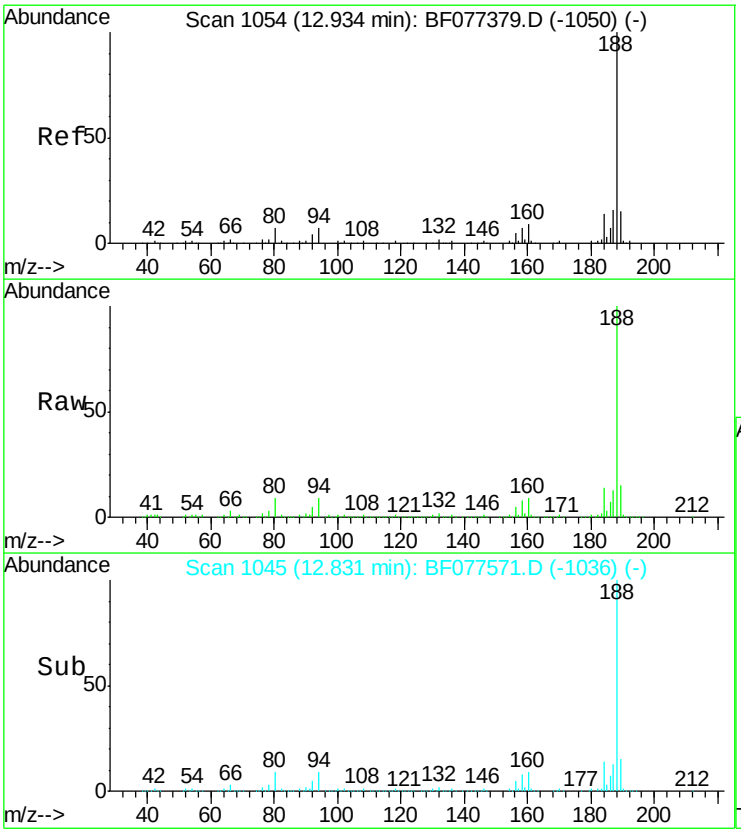
#57
Fluorene
Concen: 10.55 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:166 Resp: 132252

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.6	116.4
167	14.5	10.6	16.0

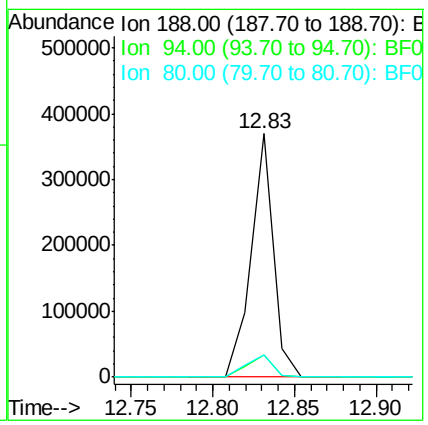


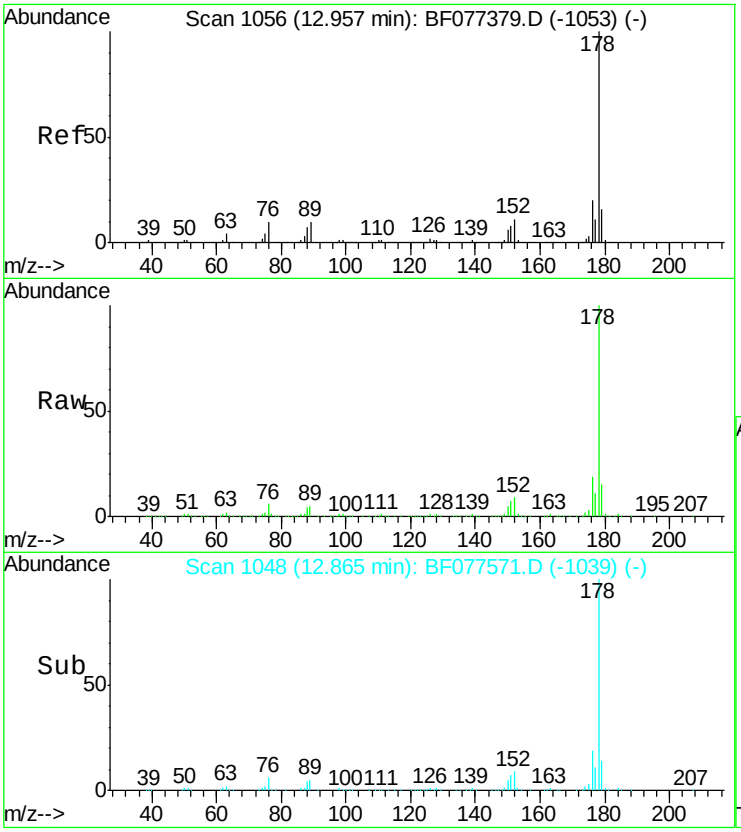


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:188 Resp: 352142

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.2	8.0	12.0



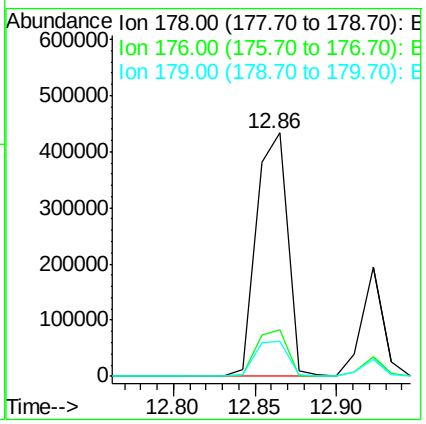


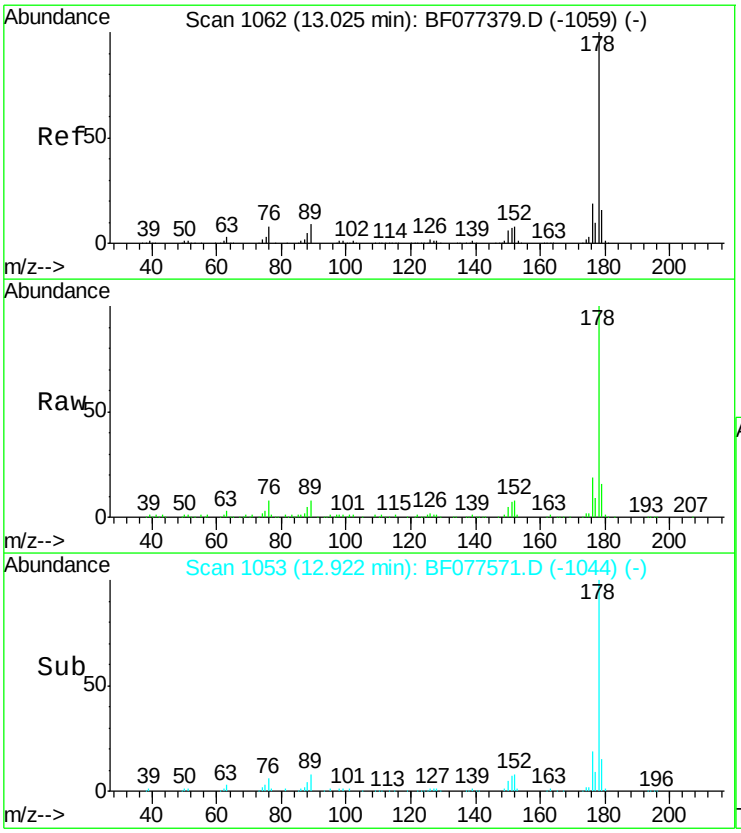
#70
Phenanthrene
Concen: 28.15 ng
RT: 12.86 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:178 Resp: 574583

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	14.5	12.2	18.2

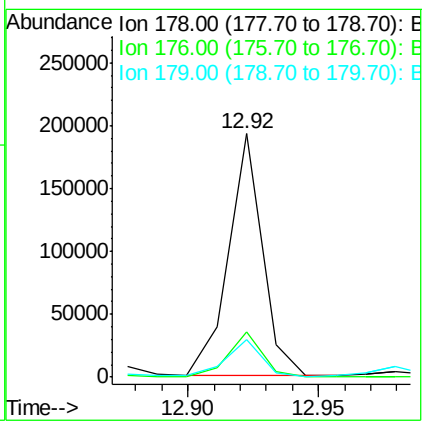


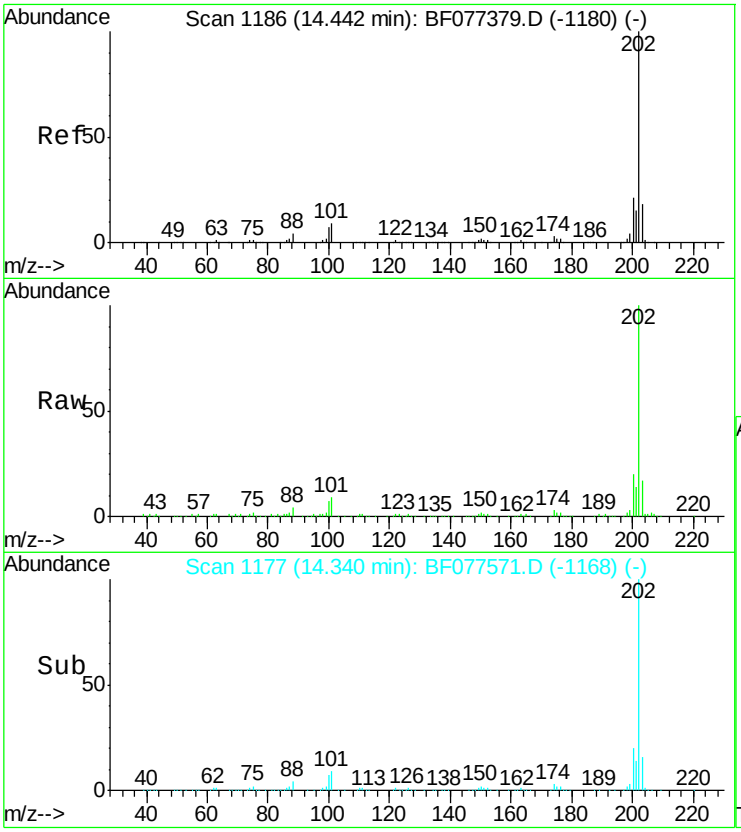


#71
Anthracene
Concen: 8.69 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:178 Resp: 175949

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.5	12.9	19.3



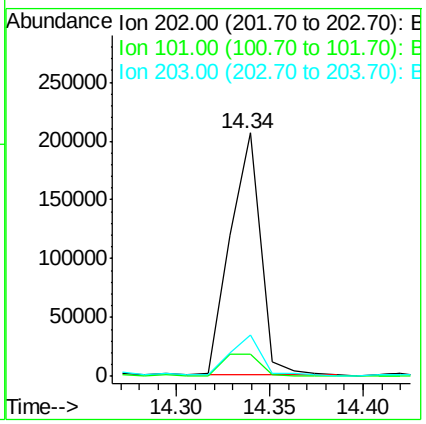


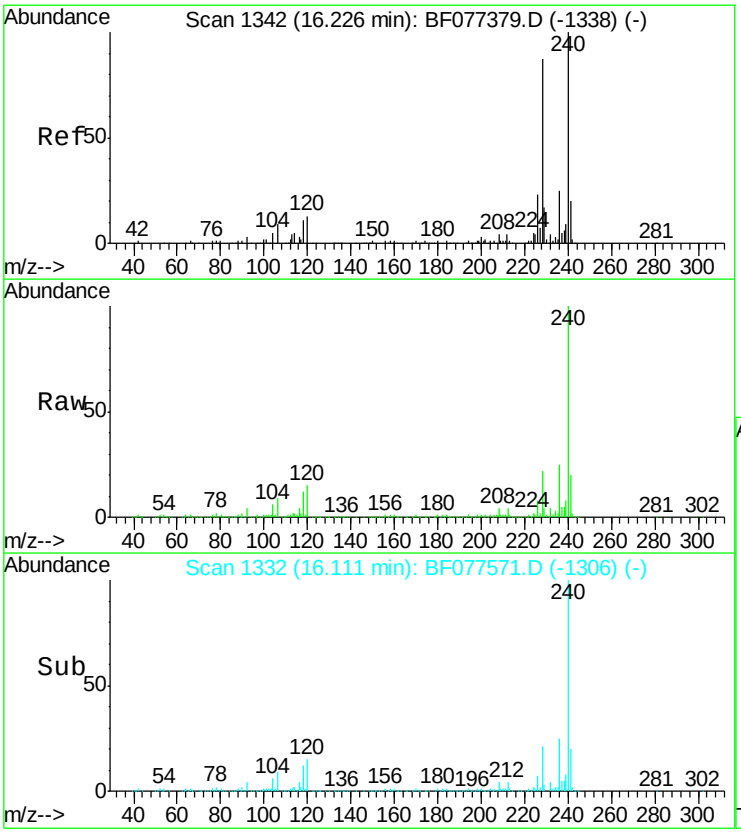
#74
Fluoranthene
Concen: 10.55 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:202 Resp: 235201

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.8
203	17.3	0.0	37.7

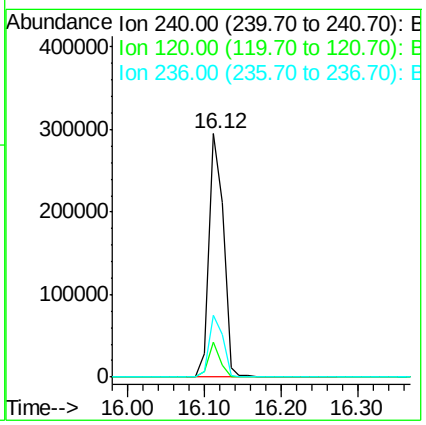


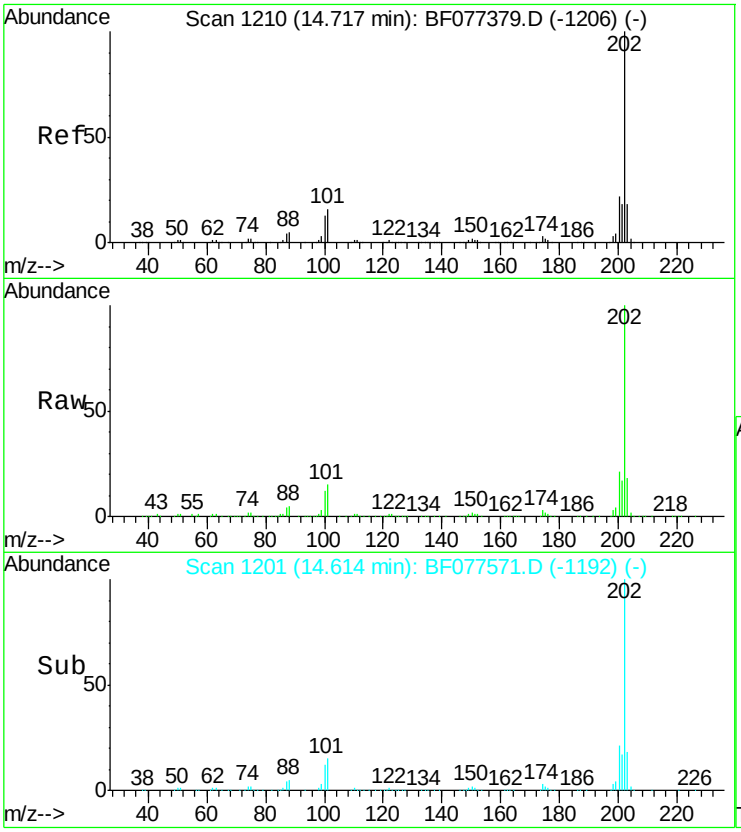


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:240 Resp: 380620

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.8	13.2#
236	25.4	20.7	31.1



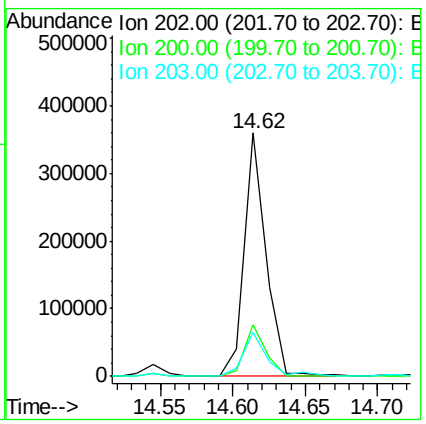


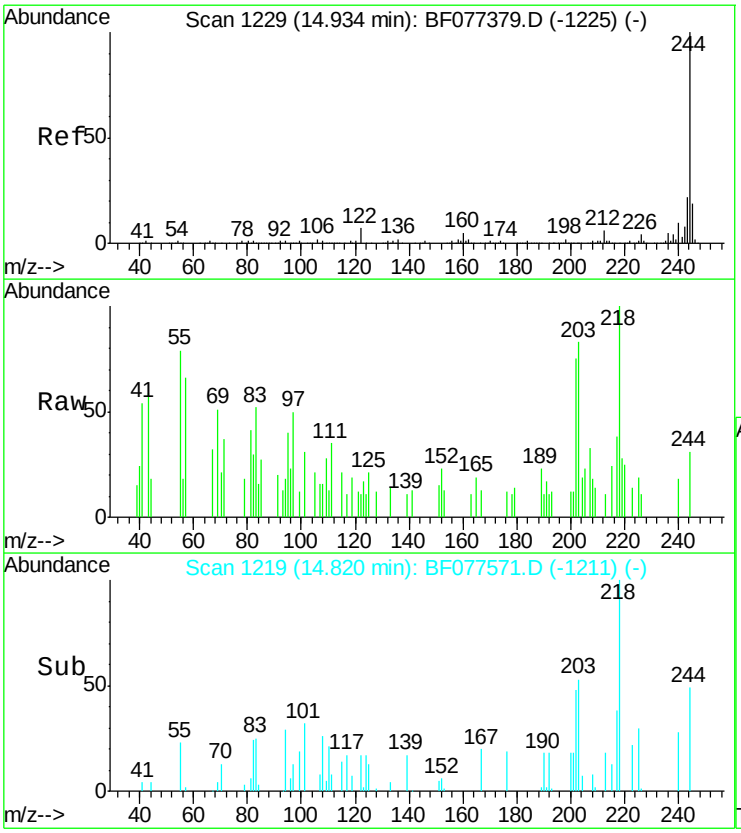
#77
Pyrene
Concen: 15.87 ng
RT: 14.62 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:202 Resp: 369547

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.1	14.2	21.2

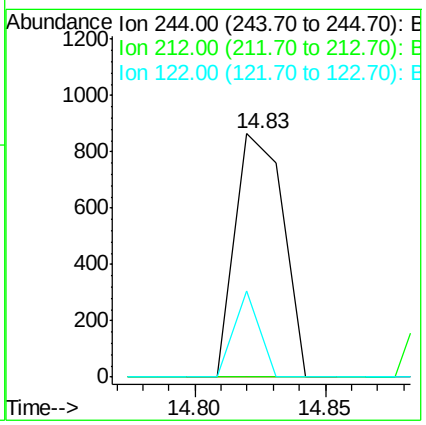


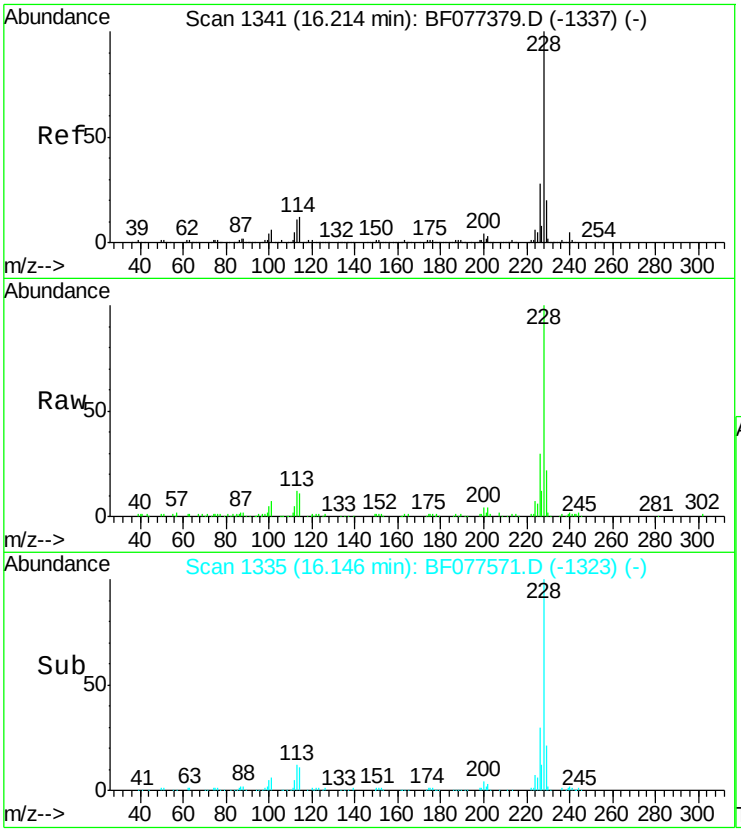


#78
Terphenyl-d14
Concen: 0.07 ng
RT: 14.83 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:244 Resp: 1115

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.2	7.8#
122	35.4	7.8	11.8#



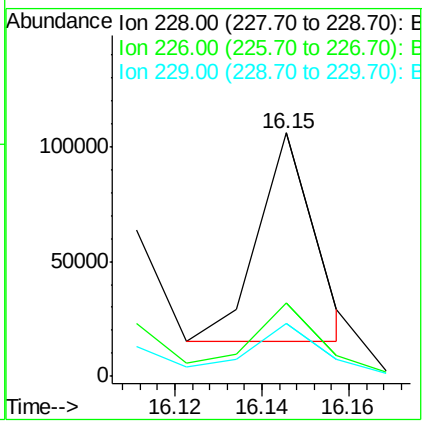


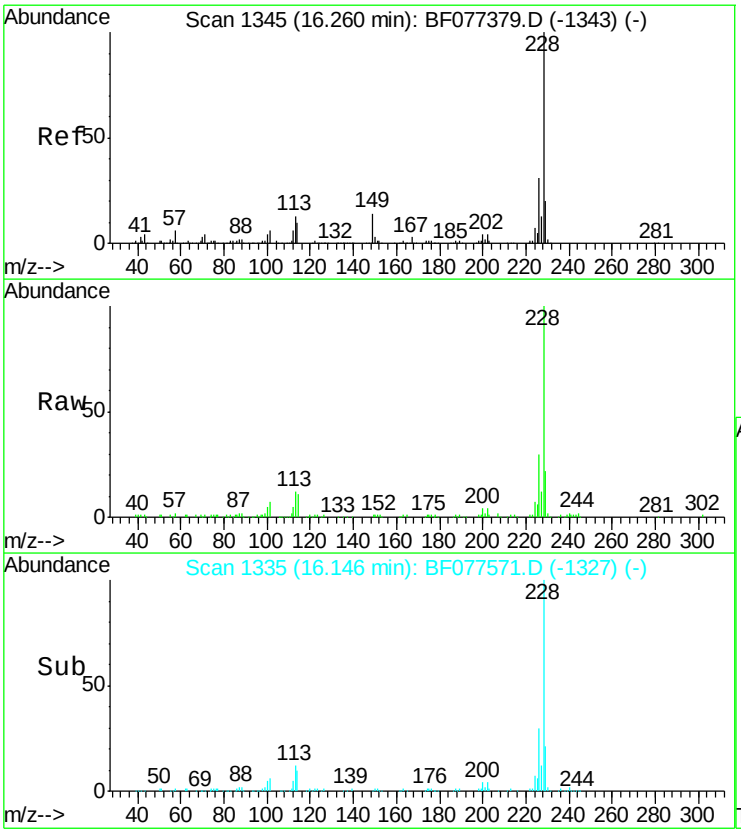
#80
Benzo(a)anthracene
Concen: 3.62 ng
RT: 16.15 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:228 Resp: 80822

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.0	33.0
229	21.7	15.8	23.8

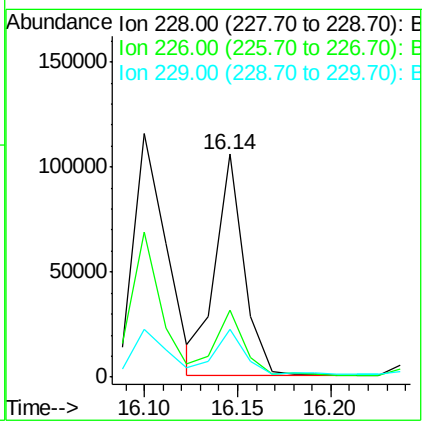


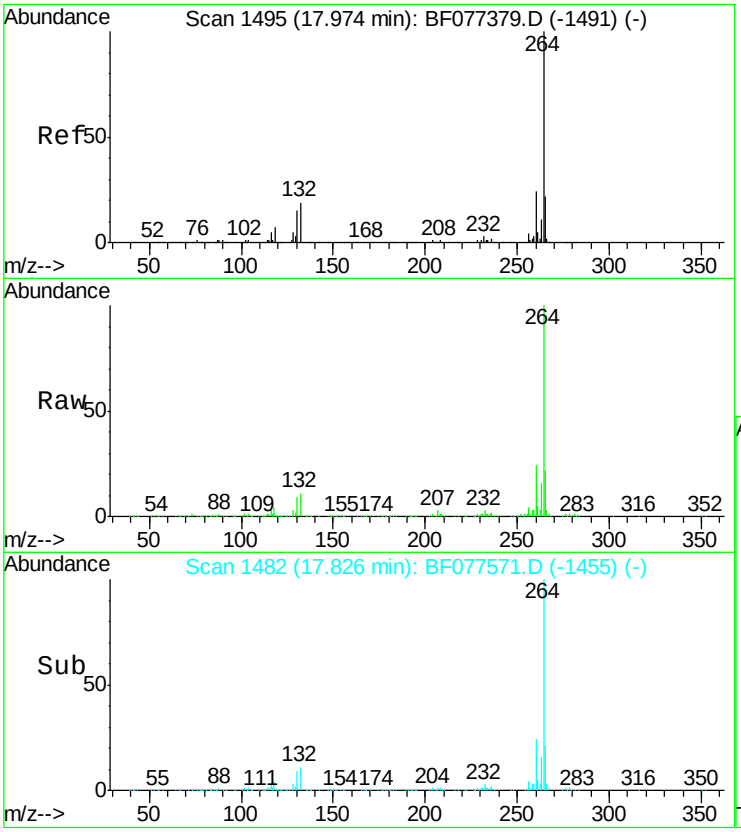


#82
Chrysene
Concen: 5.40 ng
RT: 16.14 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:228 Resp: 113183

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.7	16.4	24.6



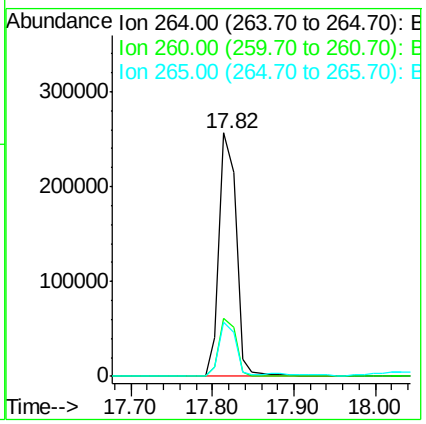


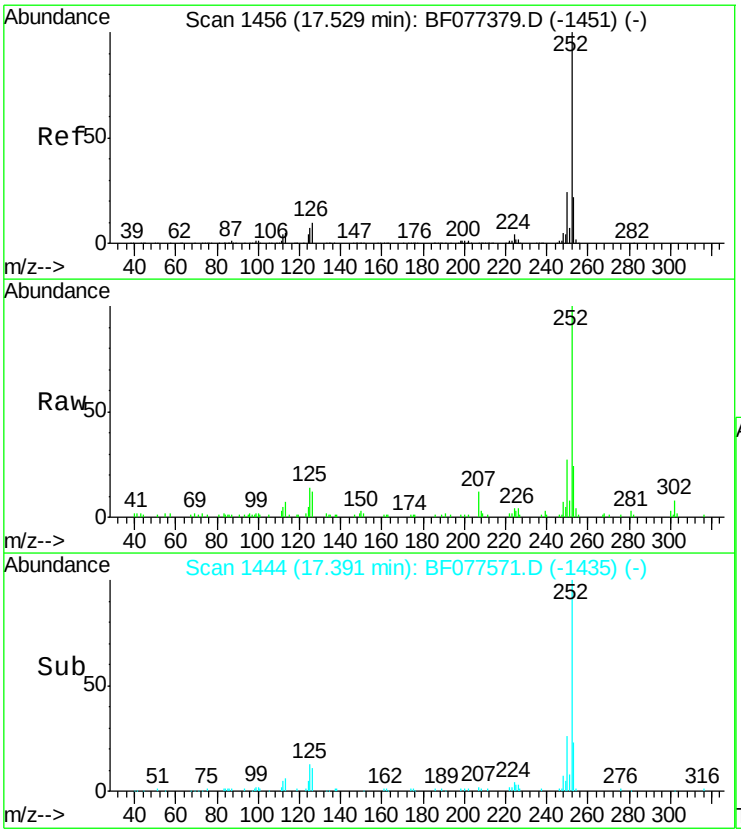
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.82 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:264 Resp: 375567

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.5	16.8	25.2

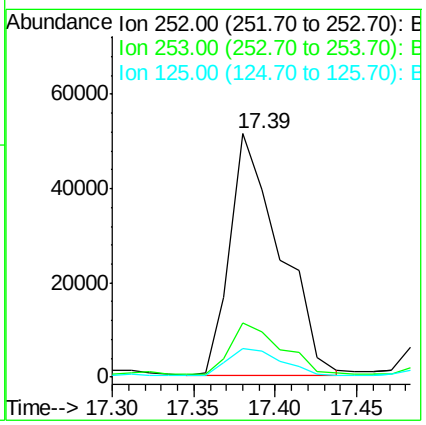


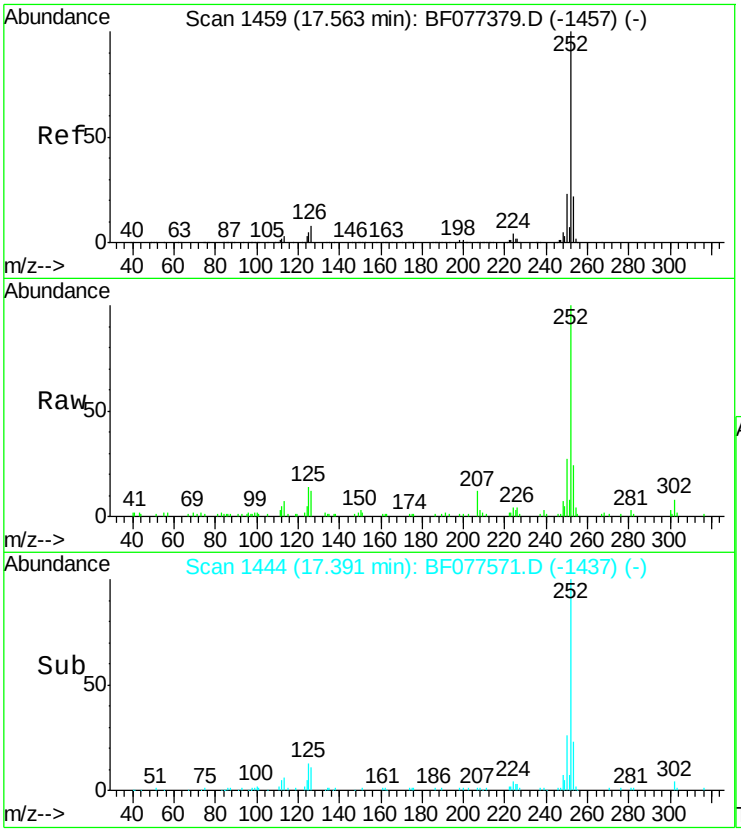


#87
Benzo(b)fluoranthene
Concen: 4.97 ng
RT: 17.39 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:252 Resp: 108558

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	13.5	5.4	8.2#



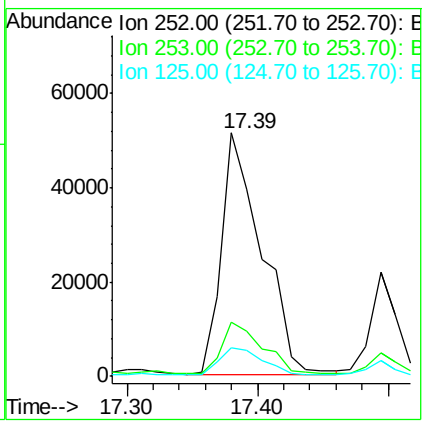


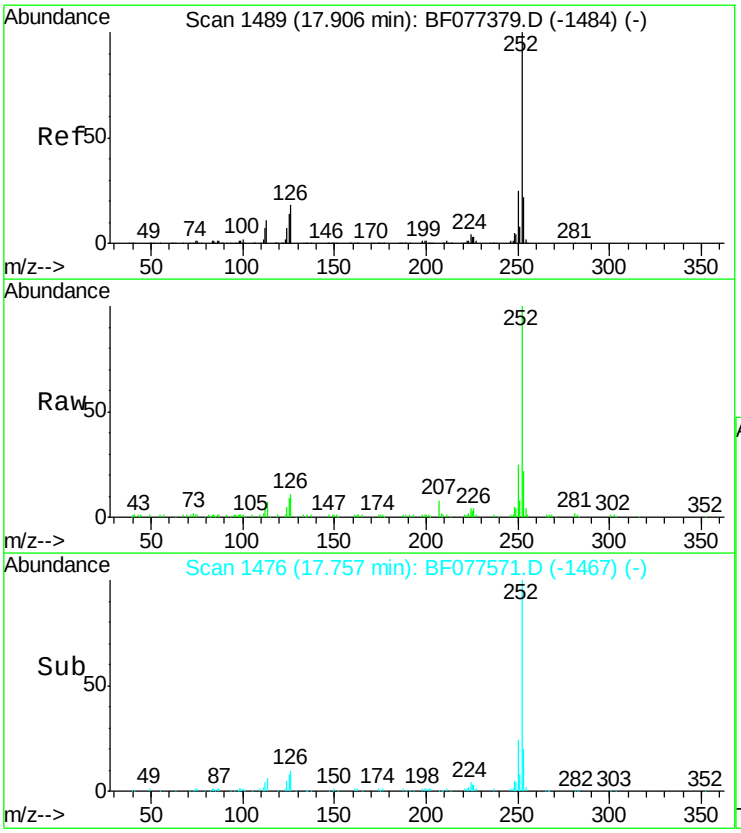
#88
Benzo(k)fluoranthene
Concen: 5.11 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:252 Resp: 109439

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	13.5	10.1	15.1

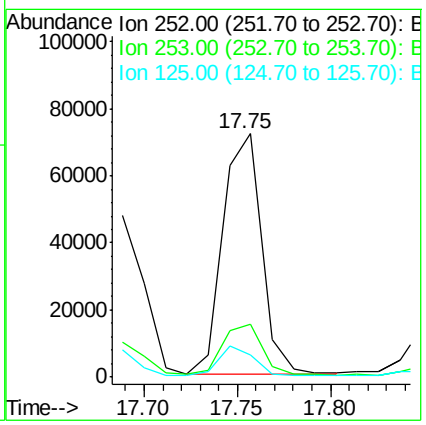


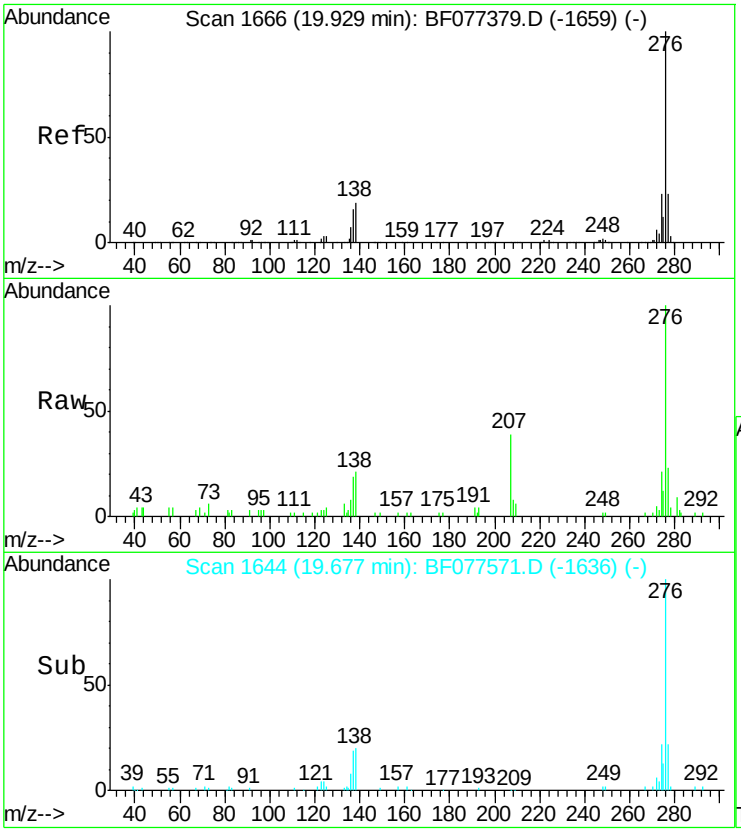


#89
Benzo(a)pyrene
Concen: 5.02 ng
RT: 17.75 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Tgt Ion:252 Resp: 104315

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.0	8.3	12.5





#91
Benzo(g,h,i)perylene
Concen: 2.17 ng
RT: 19.67 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BF077571.D
Acq: 4 Mar 2015 4:19

Instrument :
BNA_F
ClientSampleId :
MW44DL2

Tgt Ion:276 Resp: 43453

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	21.0	20.5	30.7