Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077933.D
Acq On : 25 Mar 2015 3:38
Operator : TP/IZ
Sample : G1613-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6-1

Quant Time: Mar 25 03:48:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 04:36:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	46622	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	193357	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	94400	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	178765	20.00	ng		0.00
75) Chrysene-d12	15.99	240	196277	20.00	ng		0.00
86) Perylene-d12	17.75	264	191153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	286375	107.22	ng		0.00
7) Phenol-d6	6.69	99	360275	109.17	ng		0.00
23) Nitrobenzene-d5	7.81	82	225659	76.50	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	91173	100.94	ng		0.01
44) 2-Fluorobiphenyl	10.04	172	475513	74.03	ng		0.00
78) Terphenyl-d14	14.69	244	507917	63.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	30537	25.18	ng	#	100
19) n-Nitroso-di-n-propylamine	7.81	70	27740	12.15	ng	#	79
49) Dimethylphthalate	10.54	163	15248	2.18	ng	#	99
50) 2,6-Dinitrotoluene	10.86	165	12328	8.49	ng	#	24
56) 2,4-Dinitrotoluene	10.86	165	12325	6.51	ng	#	11
57) Fluorene	11.54	166	15065	2.09	ng	#	94
70) Phenanthrene	12.73	178	206627	20.13	ng		99
71) Anthracene	12.80	178	50840	5.01	ng		97
72) Carbazole	13.00	167	21305	2.21	ng		98
74) Fluoranthene	14.20	202	412105	36.41	ng		97
77) Pyrene	14.48	202	344042	27.87	ng		96
80) Benzo(a)anthracene	15.97	228	216248	18.59	ng		98
82) Chrysene	16.02	228	167652	16.03	ng		97
85) Indeno(1,2,3-cd)pyrene	19.12	276	122021	9.34	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	345632	27.70	ng		99
88) Benzo(k)fluoranthene	17.29	252	345632	35.46	ng	#	96
89) Benzo(a)pyrene	17.68	252	190453	18.29	ng	#	95
90) Dibenzo(a,h)anthracene	19.14	278	26065	2.52	ng	#	86
91) Benzo(g,h,i)perylene	19.52	276	116890	11.12	ng		94

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

Quantitation Report (Not Reviewed)

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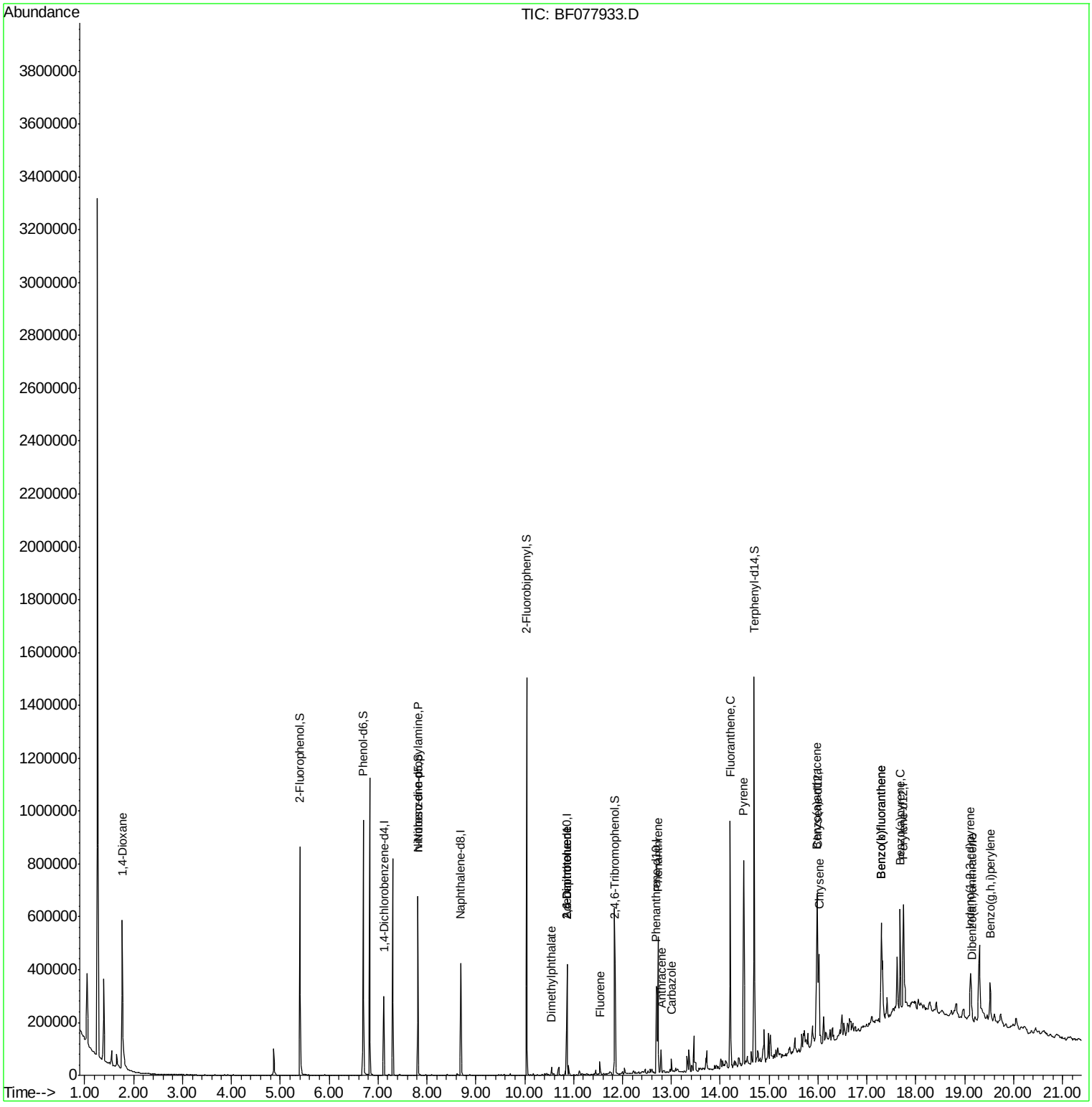
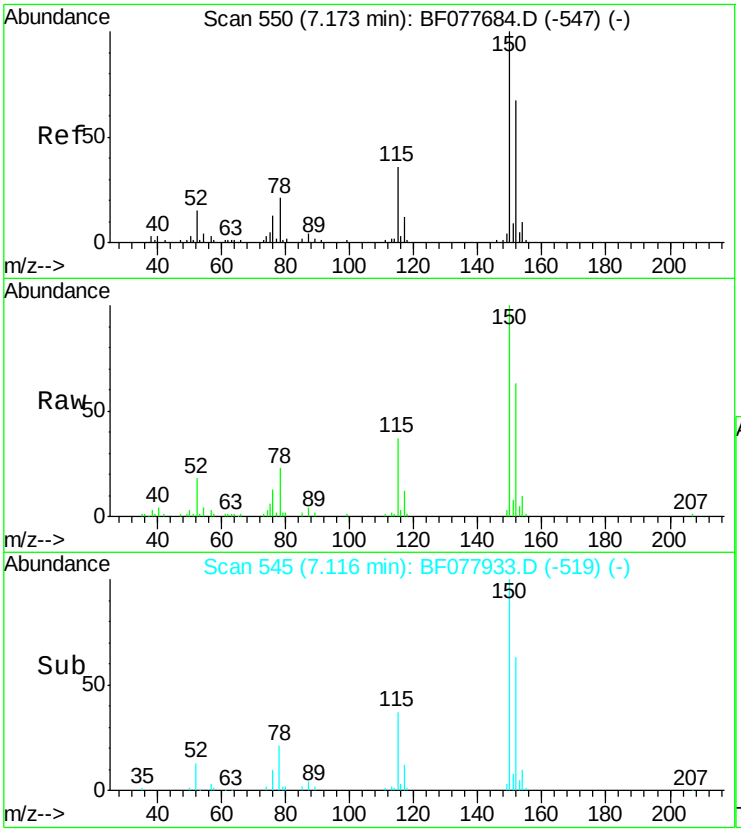


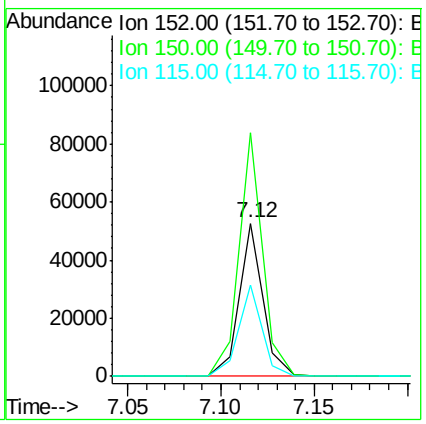


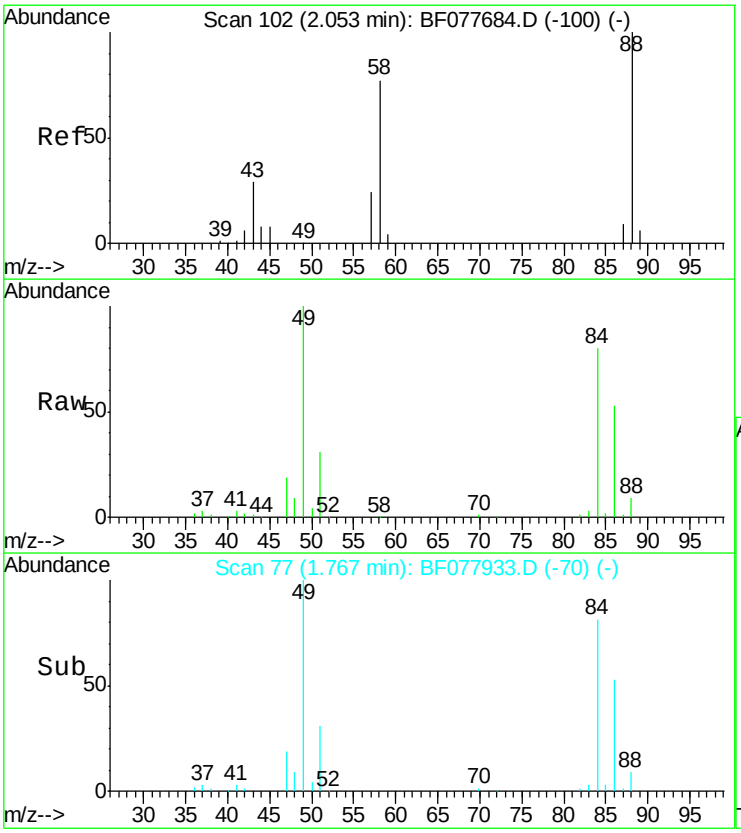
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:152 Resp: 46622

Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	59.2	43.0	64.4

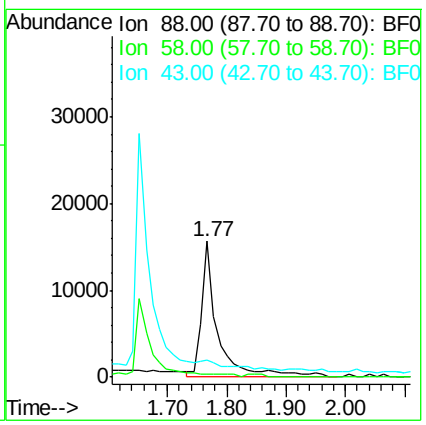


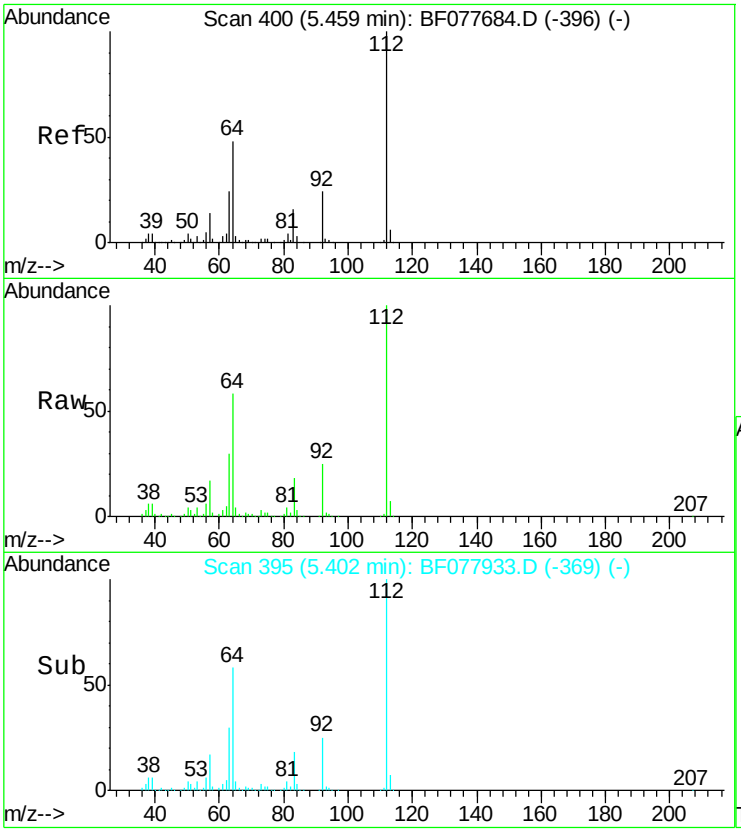


#2
1,4-Dioxane
Concen: 25.18 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion: 88 Resp: 30537

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0



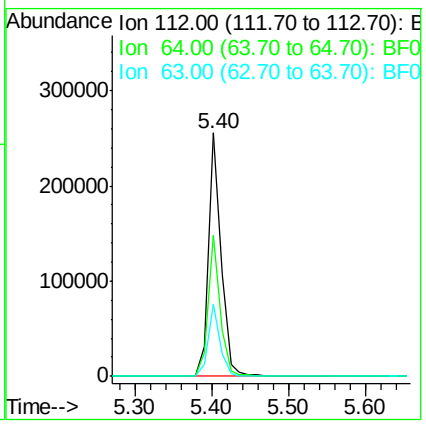


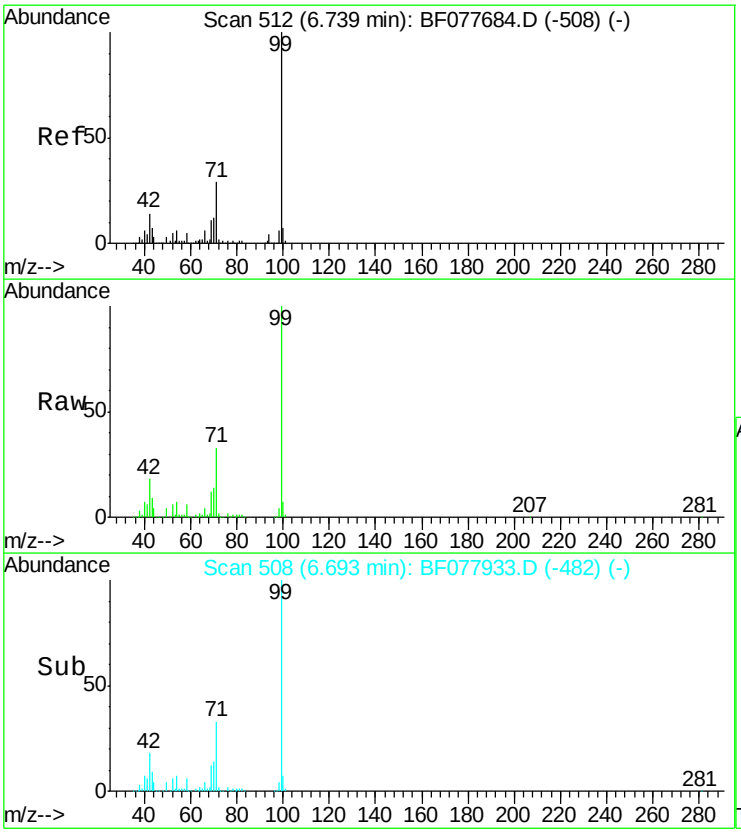
#5
2-Fluorophenol
Concen: 107.22 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:112 Resp: 286375

Ion	Ratio	Lower	Upper
112	100		
64	58.0	38.6	57.8#
63	29.7	19.3	28.9#

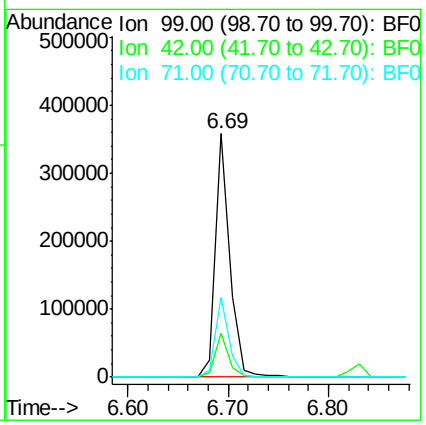


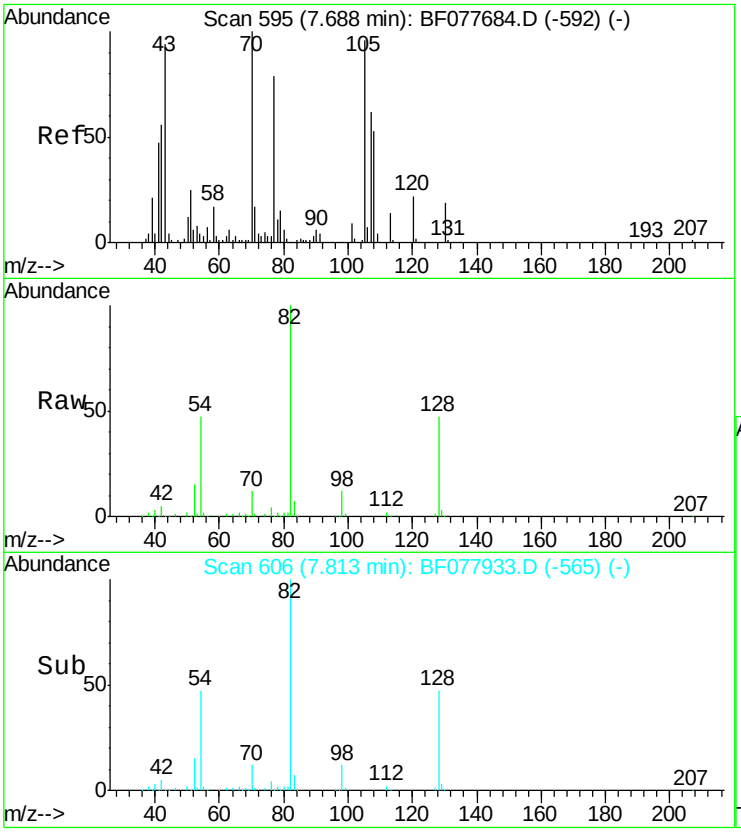


#7
Phenol-d6
Concen: 109.17 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion: 99 Resp: 360275

Ion	Ratio	Lower	Upper
99	100		
42	18.0	11.0	16.4#
71	33.0	23.4	35.2



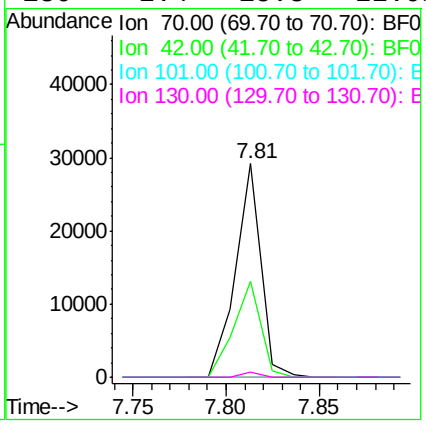


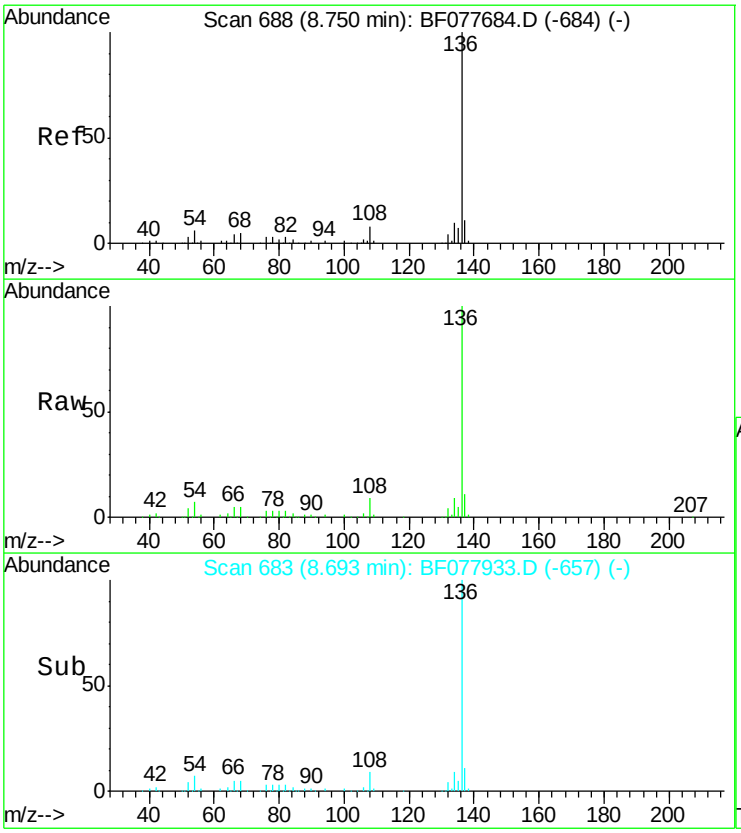
#19
n-Nitroso-di-n-propylamine
Concen: 12.15 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion: 70 Resp: 27740

Ion	Ratio	Lower	Upper
70	100		
42	44.8	44.5	66.7
101	0.0	7.4	11.2#
130	2.4	15.3	22.9#

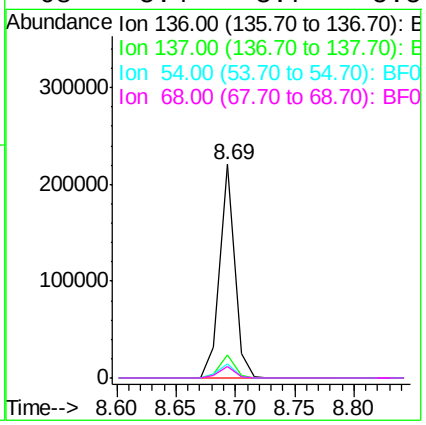


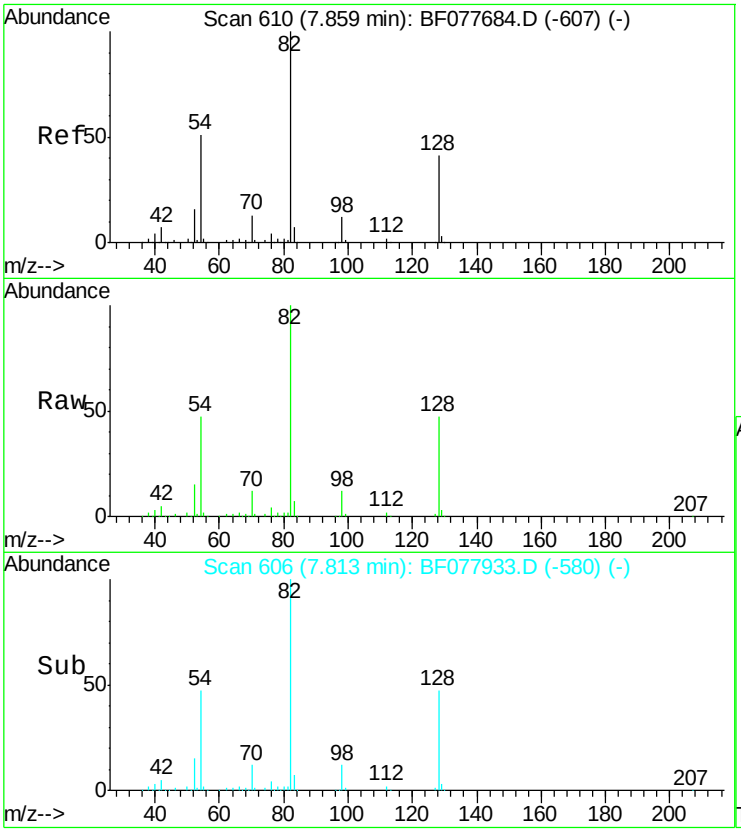


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:136 Resp: 193357

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	4.6	6.8#
68	5.4	3.7	5.5



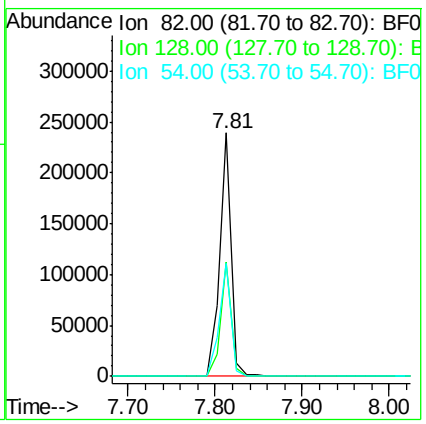


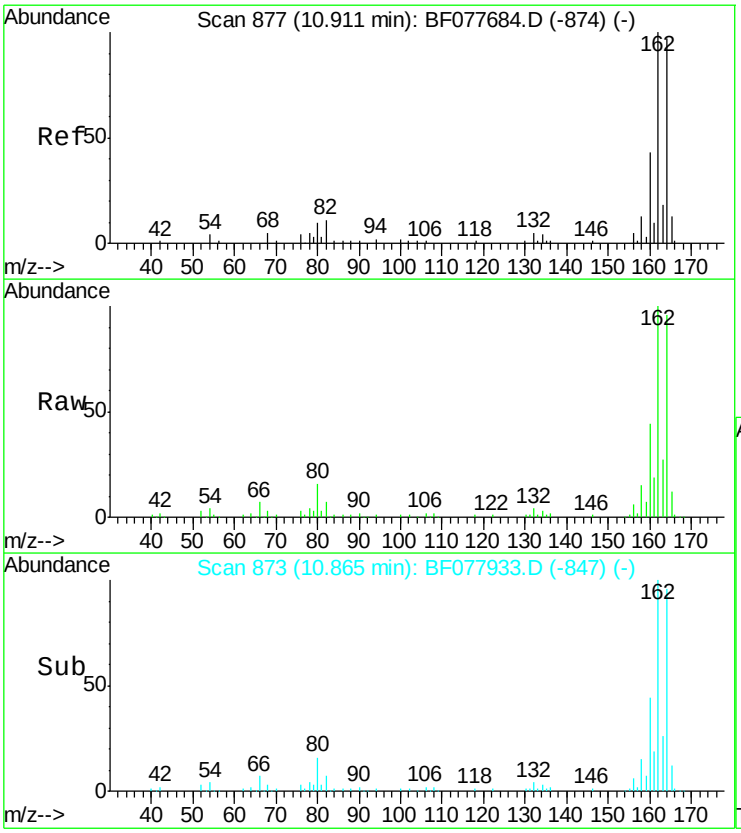
#23
Nitrobenzene-d5
Concen: 76.50 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion: 82 Resp: 225659

Ion	Ratio	Lower	Upper
82	100		
128	47.1	32.8	49.2
54	46.7	40.6	60.8

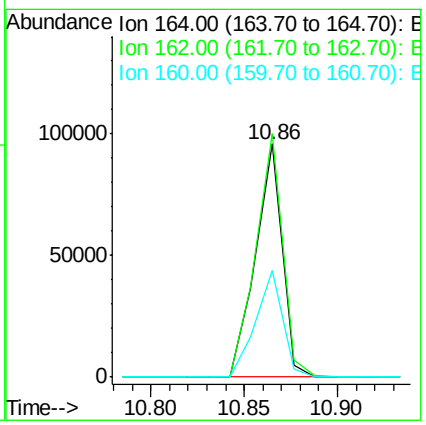


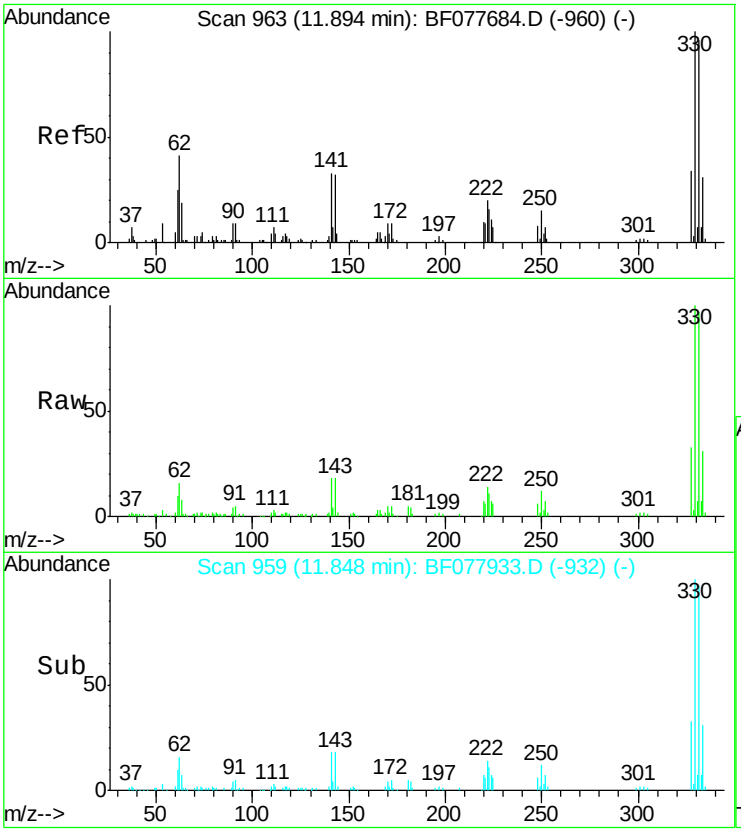


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:164 Resp: 94400

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	45.8	35.8	53.6



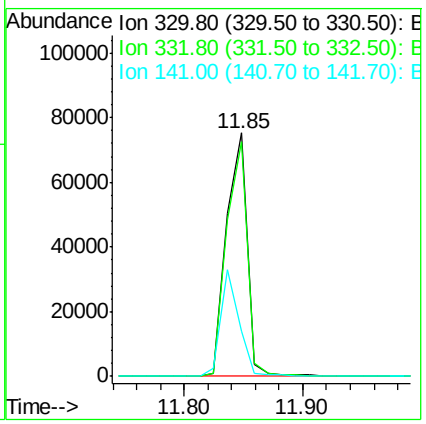


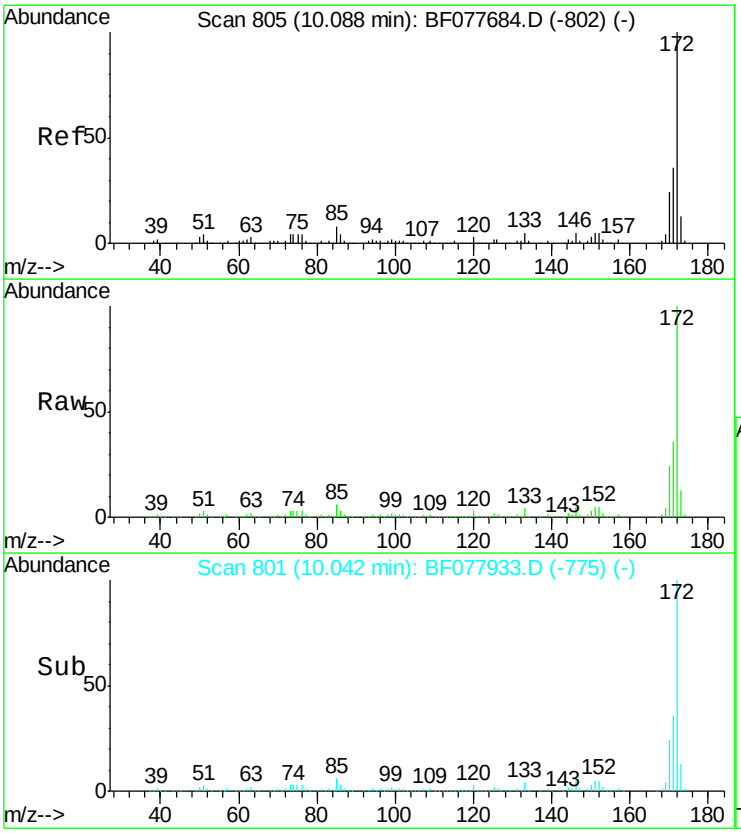
#41
2,4,6-Tribromophenol
Concen: 100.94 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:330 Resp: 91173

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	38.3	0.0	0.0#

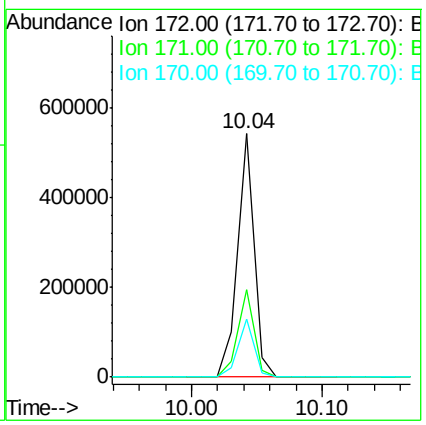


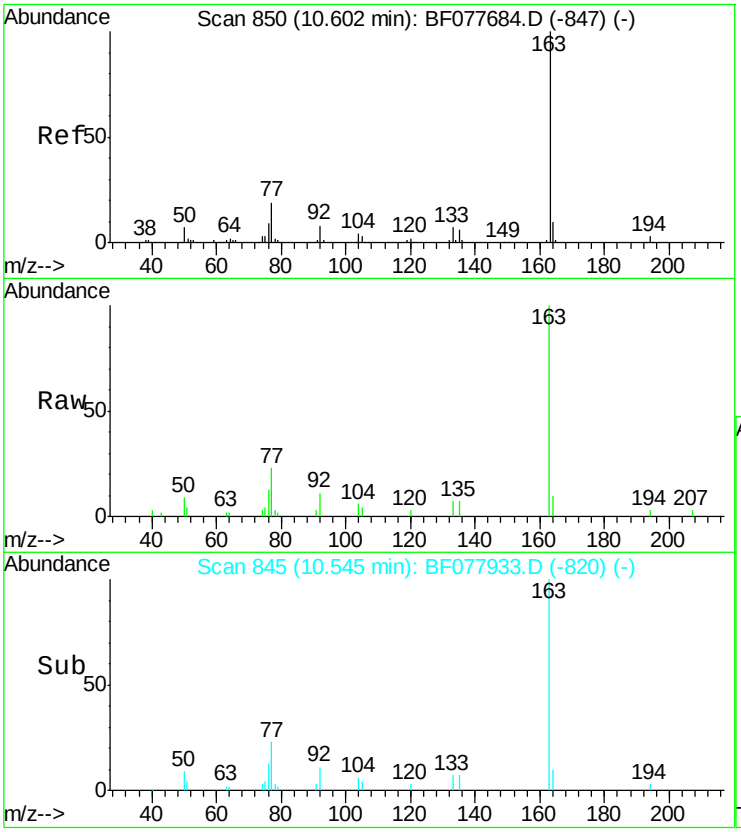


#44
2-Fluorobiphenyl
Concen: 74.03 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:172 Resp: 475513

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.8	18.8	28.2



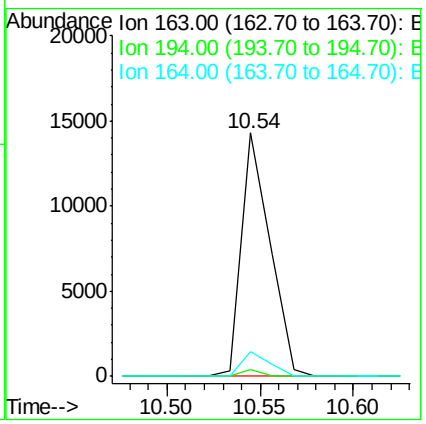


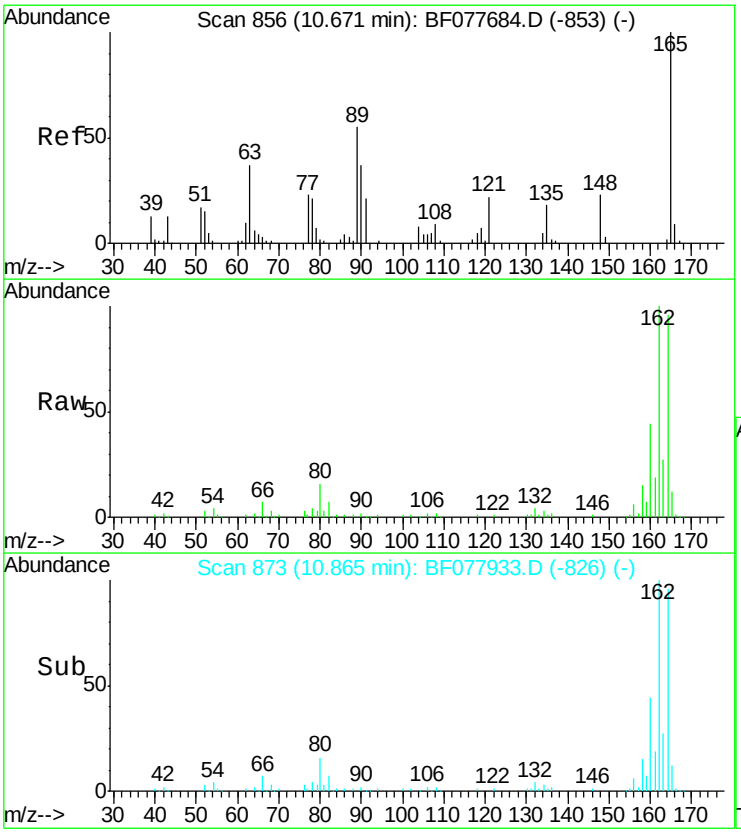
#49
Dimethylphthalate
Concen: 2.18 ng
RT: 10.54 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:163 Resp: 15248

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	10.3	8.2	12.2

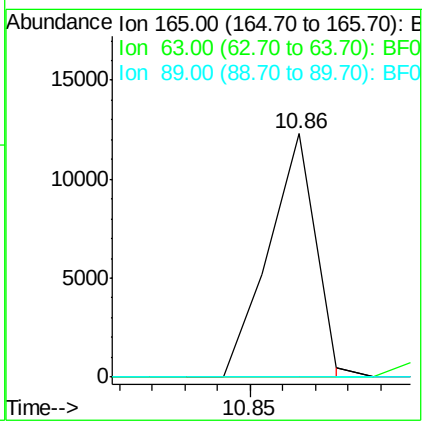


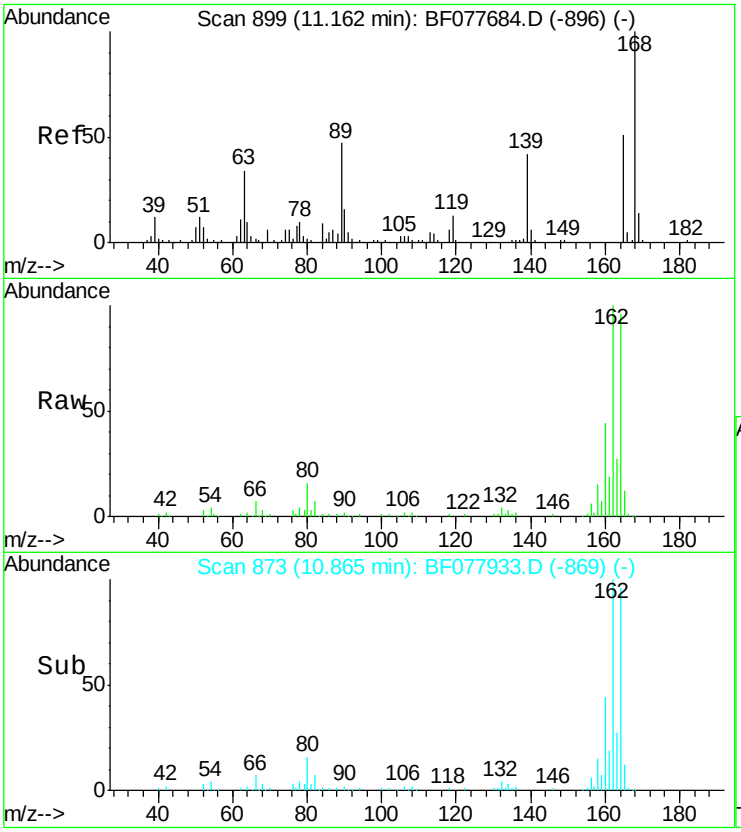


#50
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.24 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:165 Resp: 12328

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



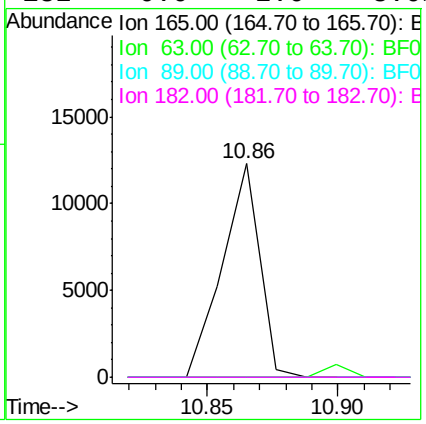


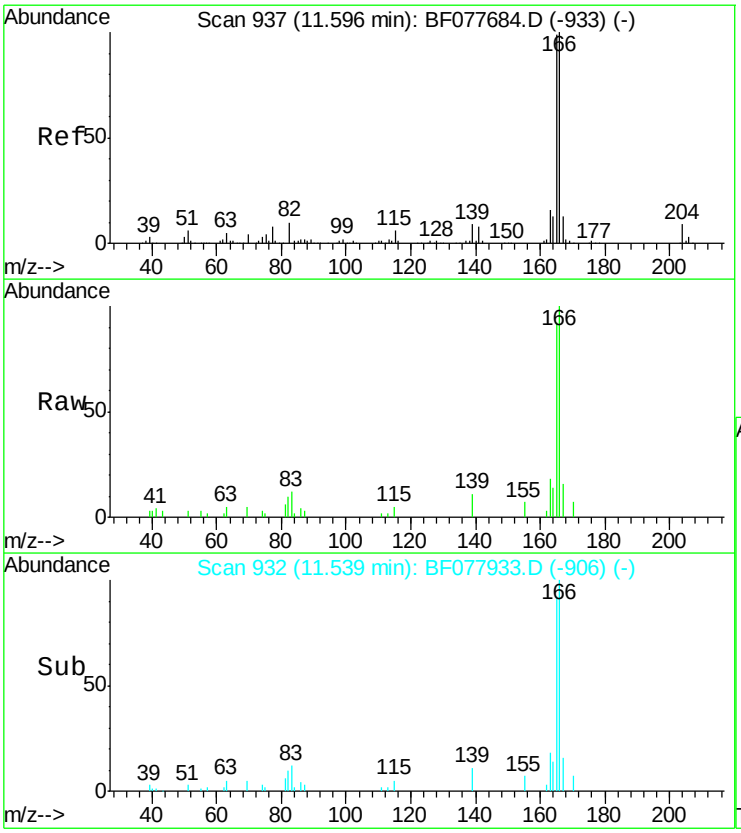
#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.25 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:165 Resp: 12325

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

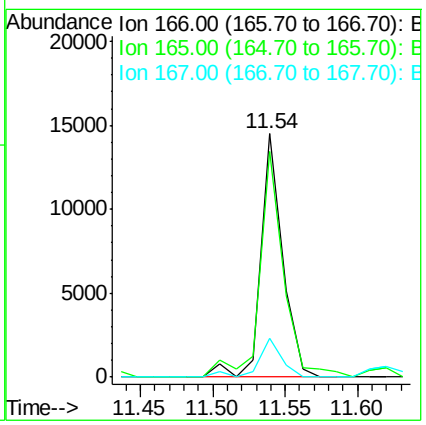


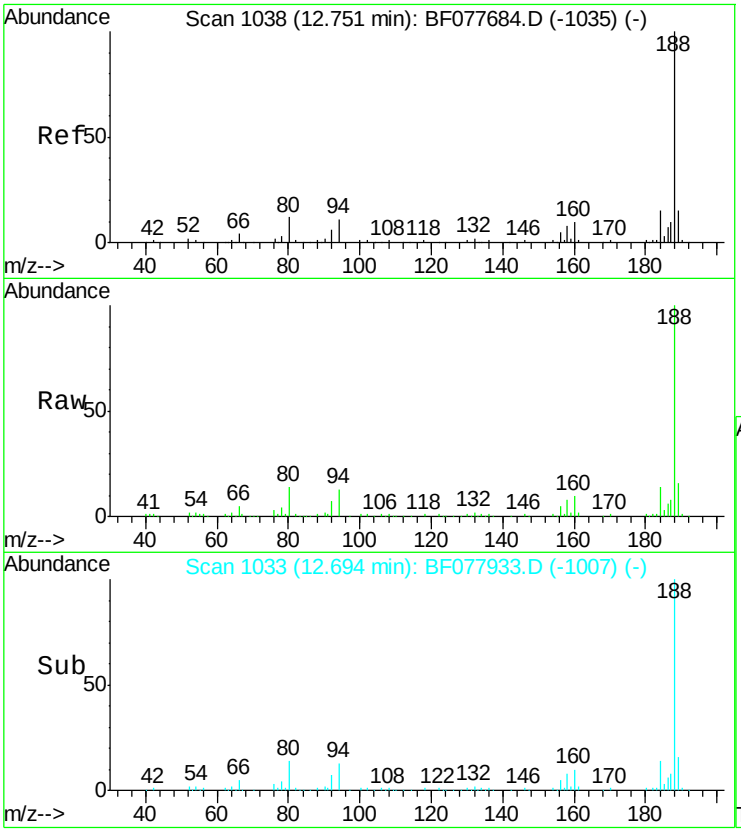


#57
Fluorene
Concen: 2.09 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:166 Resp: 15065

Ion	Ratio	Lower	Upper
166	100		
165	92.5	79.0	118.4
167	16.0	10.3	15.5#



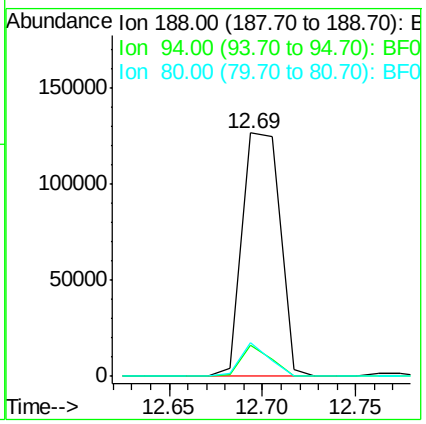


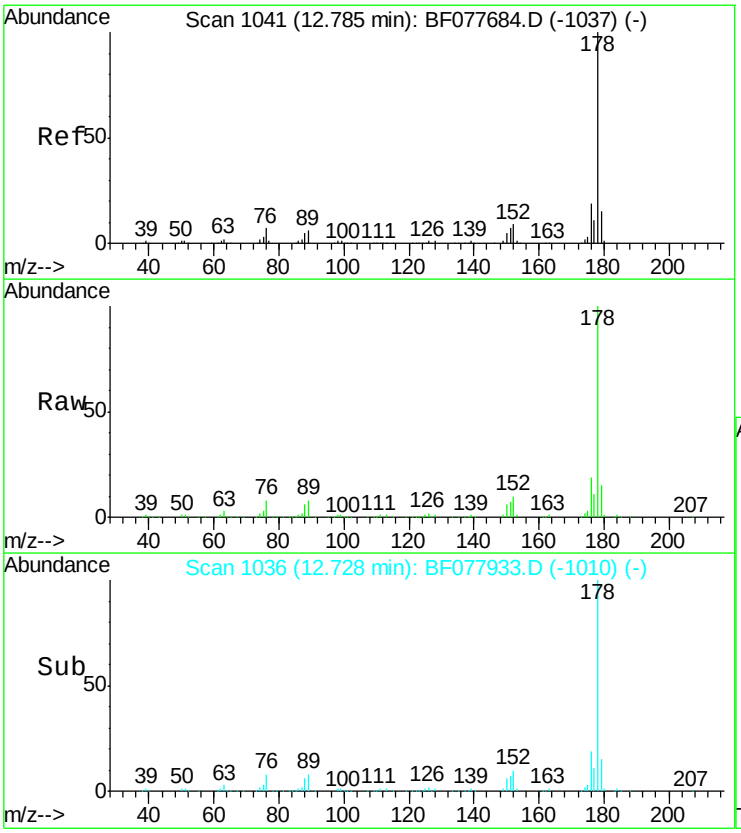
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:188 Resp: 178765

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.7	13.1
80	14.0	9.3	13.9#

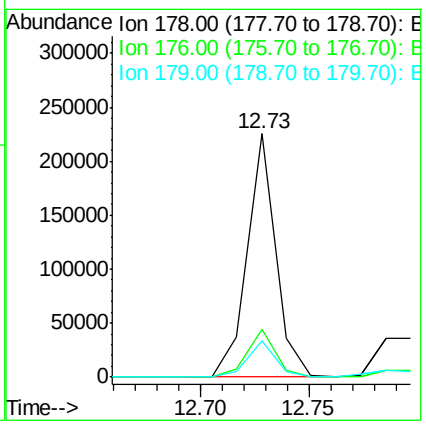


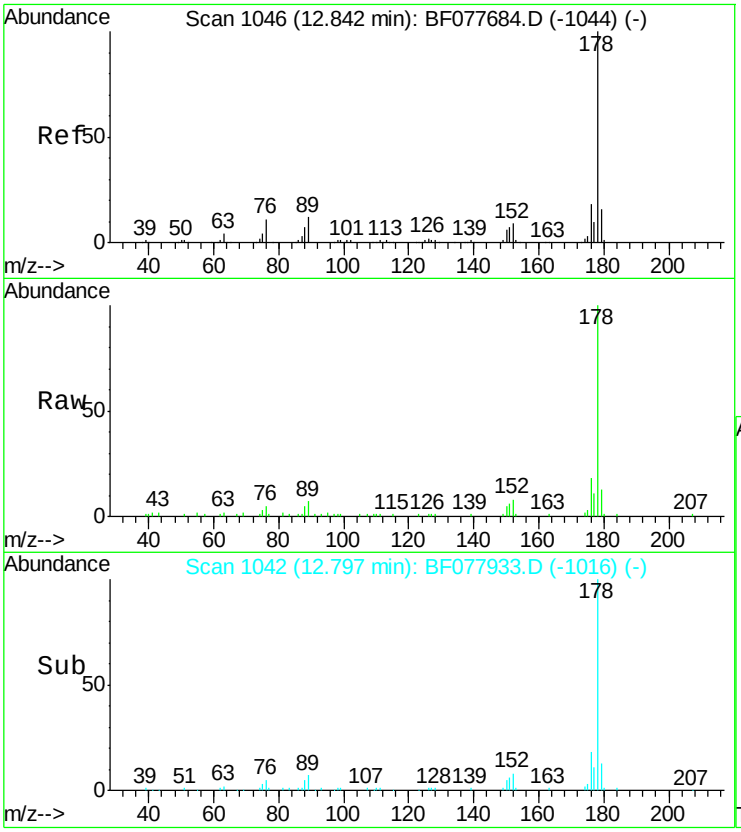


#70
Phenanthrene
Concen: 20.13 ng
RT: 12.73 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:178 Resp: 206627

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	14.9	12.1	18.1



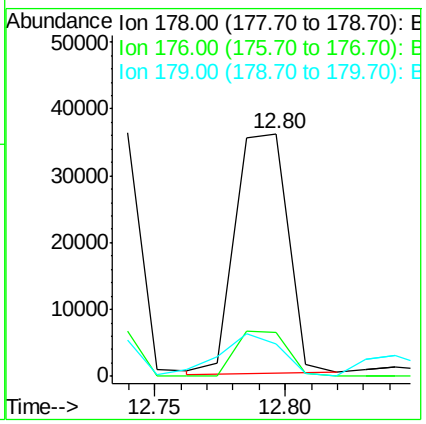


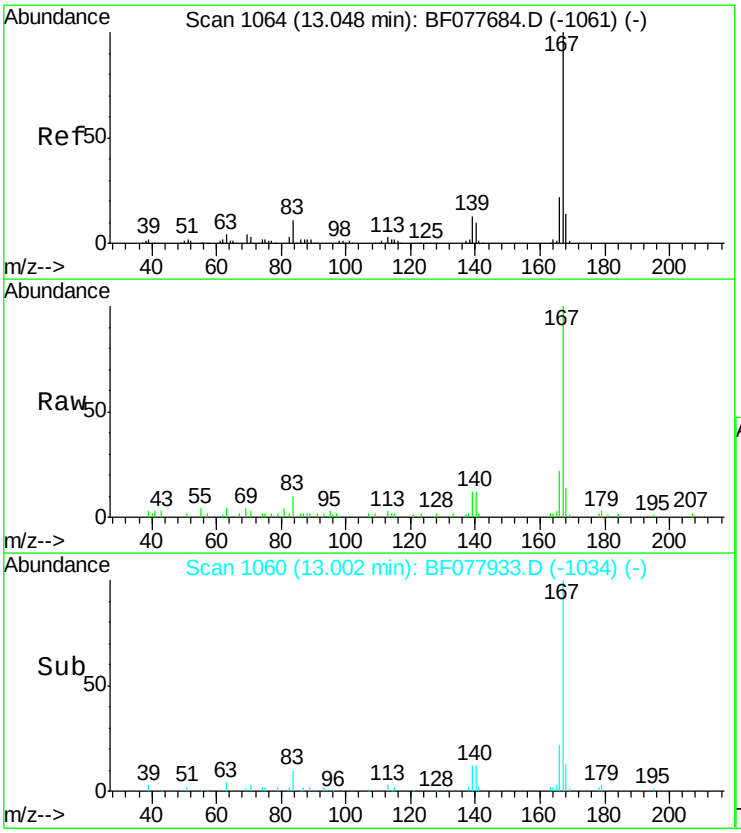
#71
Anthracene
Concen: 5.01 ng
RT: 12.80 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:178 Resp: 50840

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	13.3	12.6	19.0

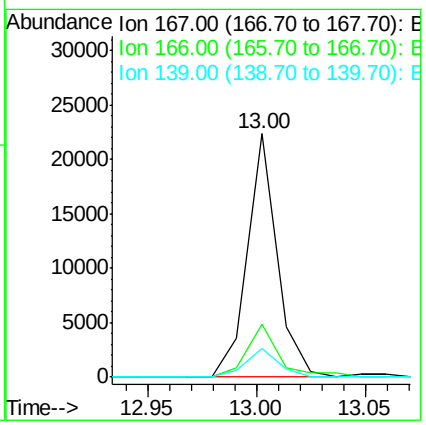


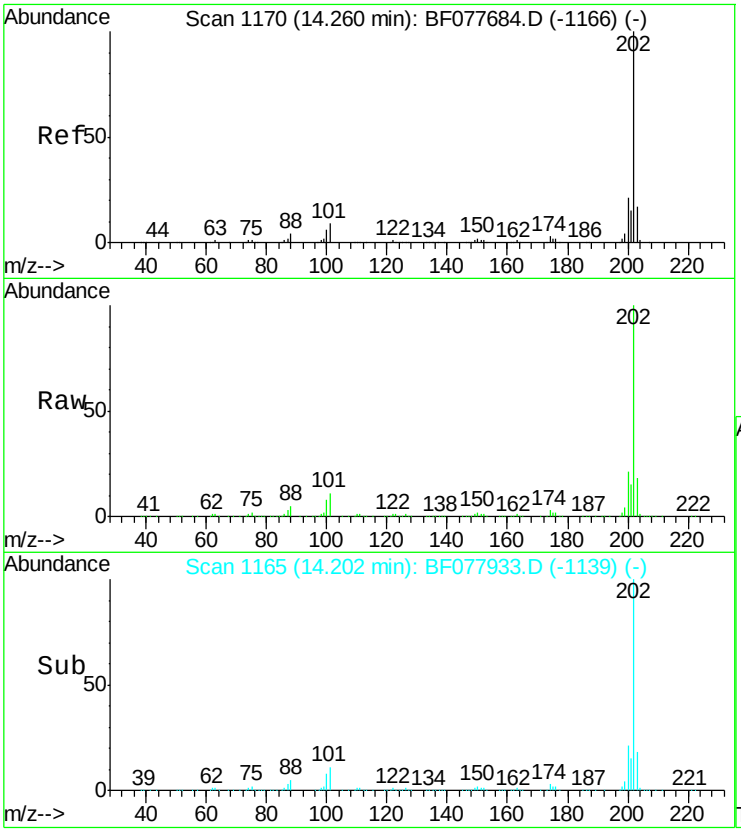


#72
Carbazole
Concen: 2.21 ng
RT: 13.00 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:167 Resp: 21305

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.0	10.8	16.2



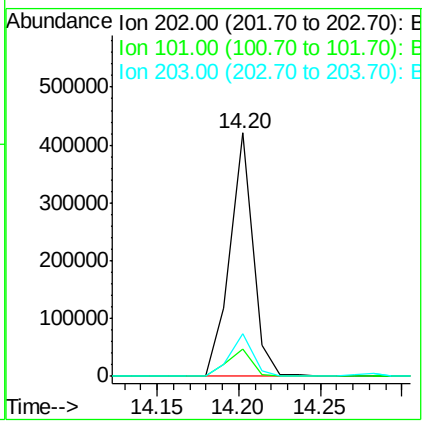


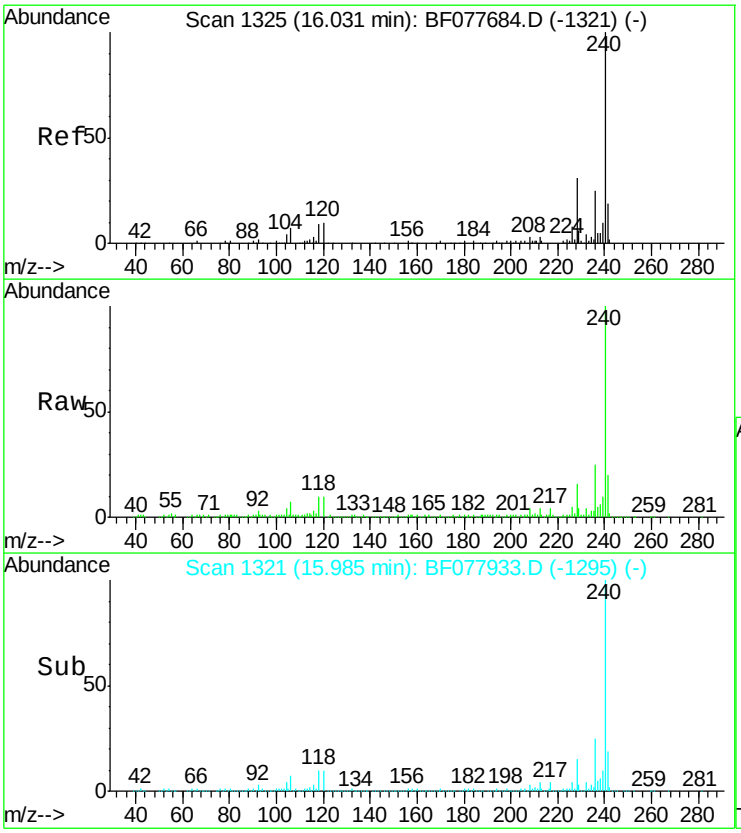
#74
Fluoranthene
Concen: 36.41 ng
RT: 14.20 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:202 Resp: 412105

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	28.7
203	17.7	0.0	37.2

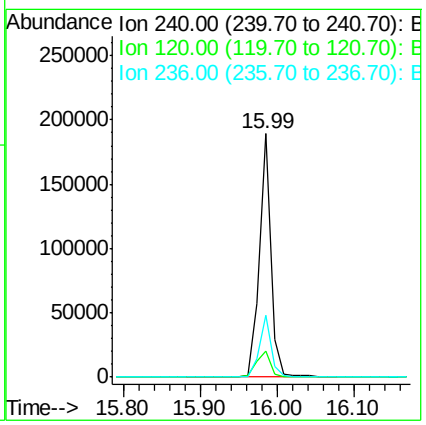


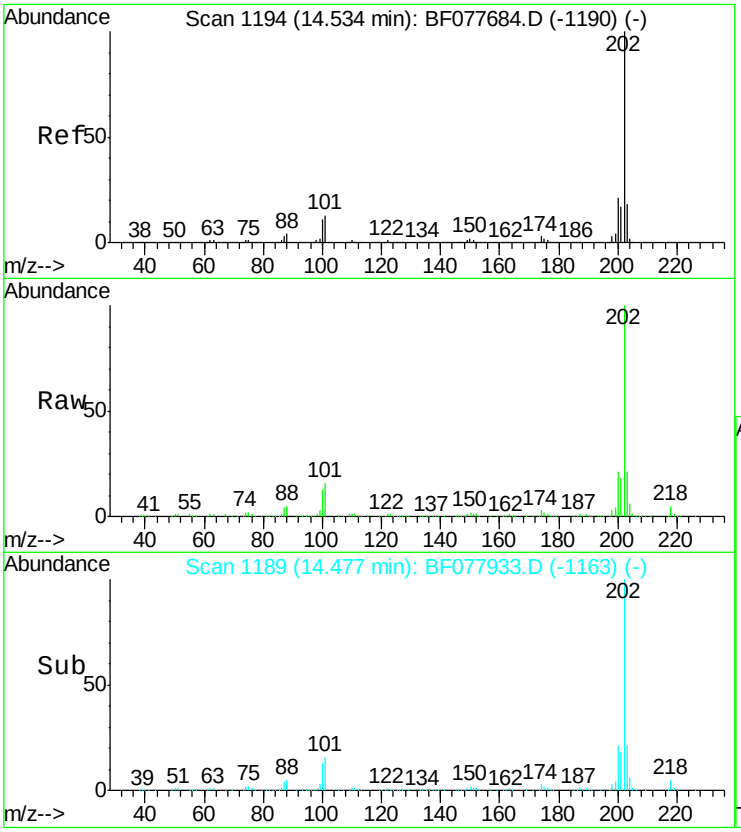


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:240 Resp: 196277

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	25.4	20.0	30.0



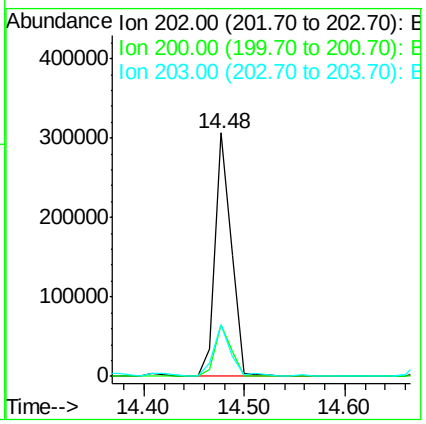


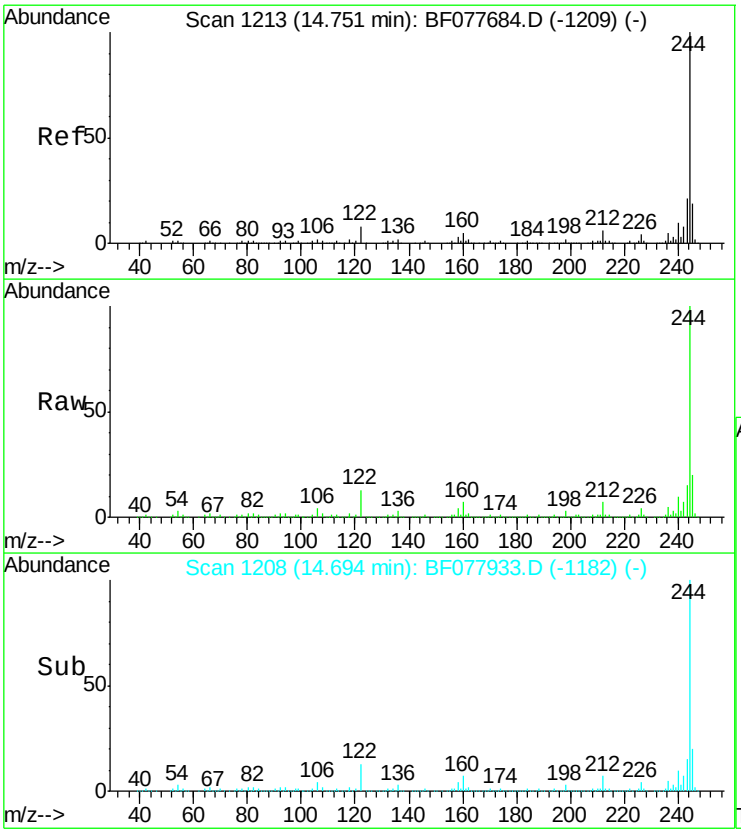
#77
Pyrene
Concen: 27.87 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:202 Resp: 344042

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	21.0	14.1	21.1

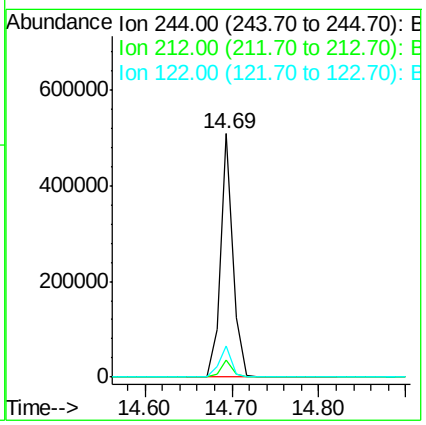


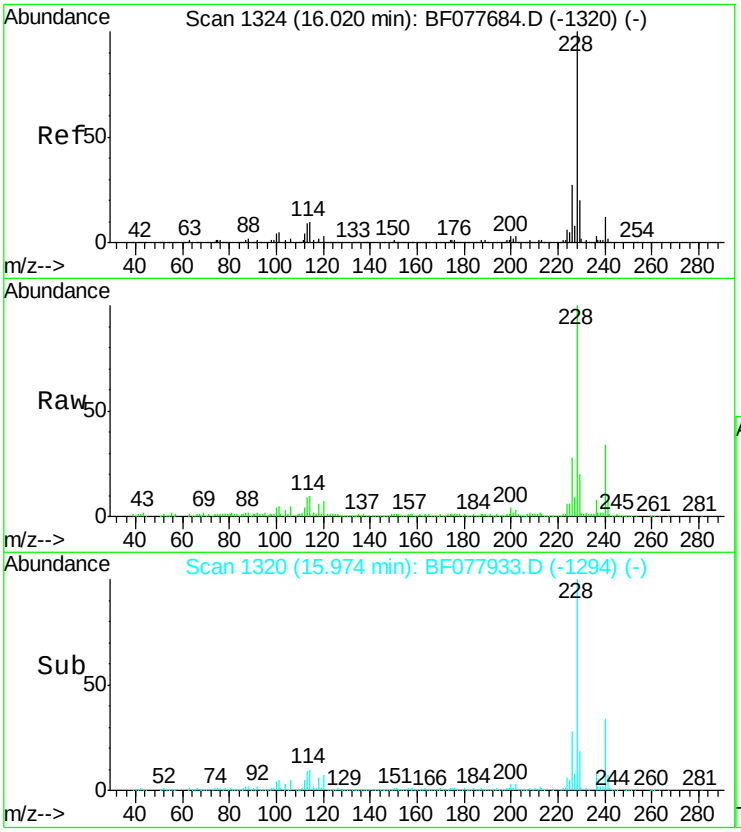


#78
Terphenyl-d14
Concen: 63.21 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:244 Resp: 507917

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	12.8	6.2	9.4#



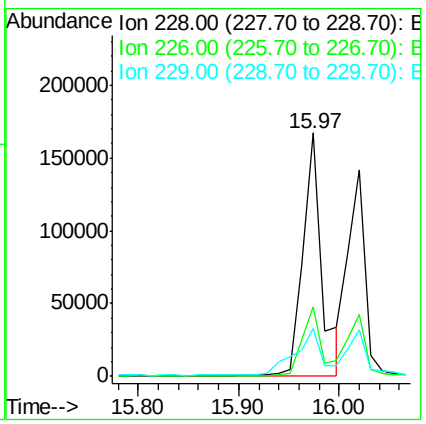


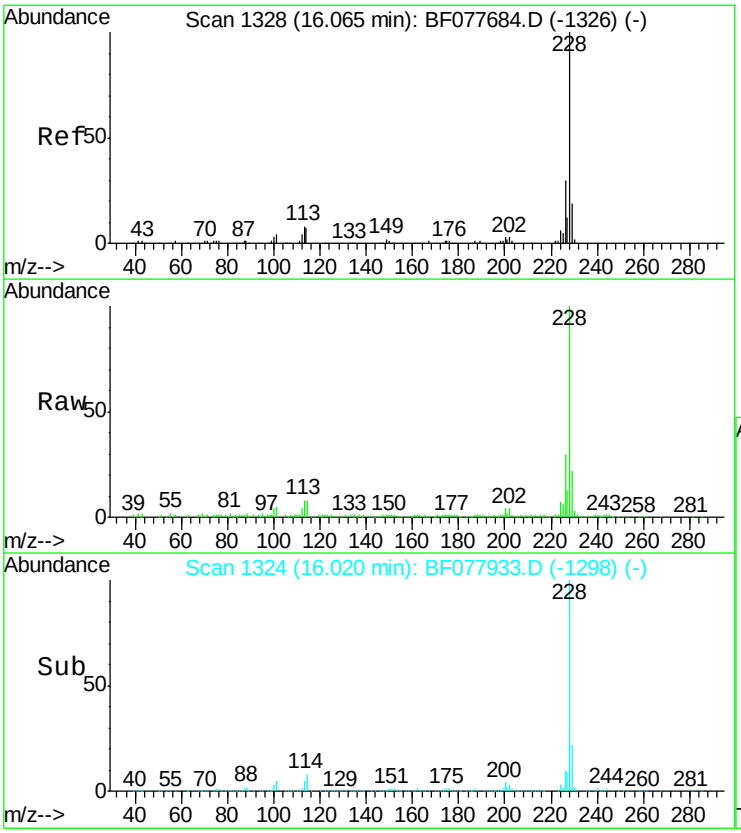
#80
Benzo(a)anthracene
Concen: 18.59 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:228 Resp: 216248

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.7	32.5
229	19.9	16.0	24.0

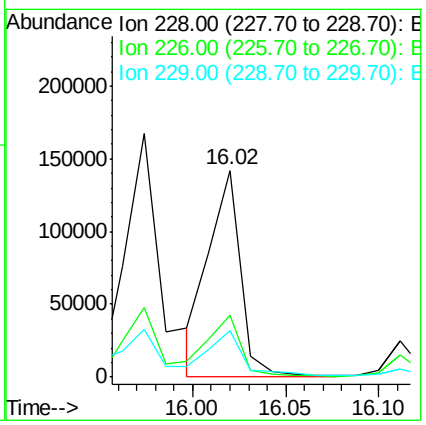


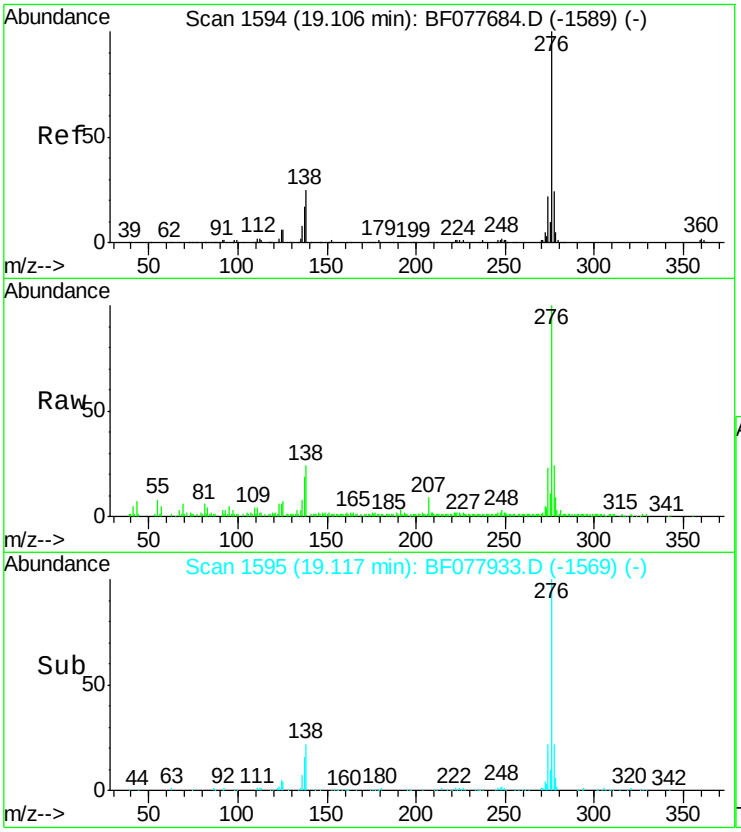


#82
Chrysene
Concen: 16.03 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:228 Resp: 167652

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	22.2	15.5	23.3



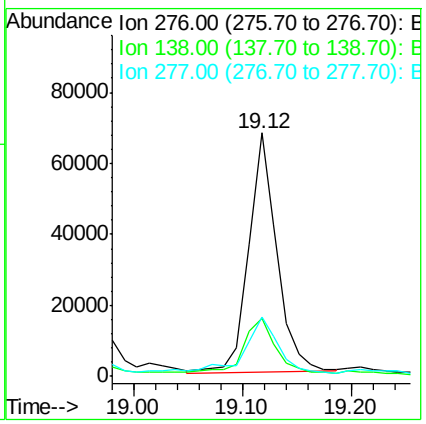


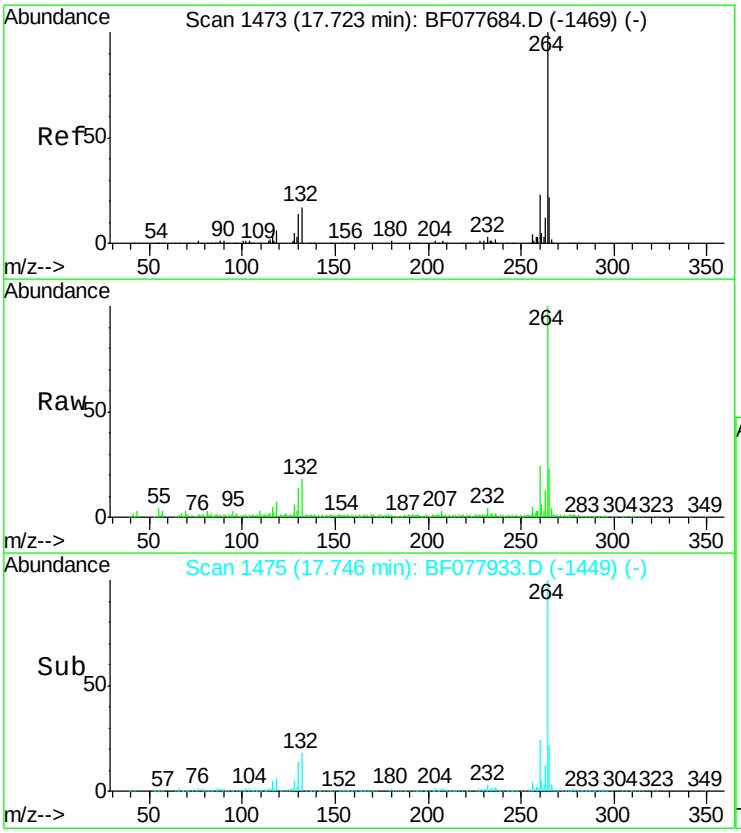
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.34 ng
RT: 19.12 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:276 Resp: 122021

Ion	Ratio	Lower	Upper
276	100		
138	25.3	0.0	0.0#
277	28.2	0.0	0.0#

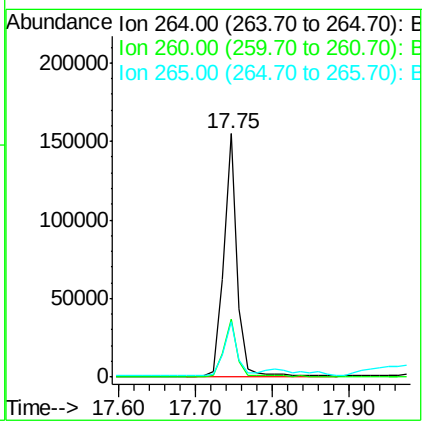


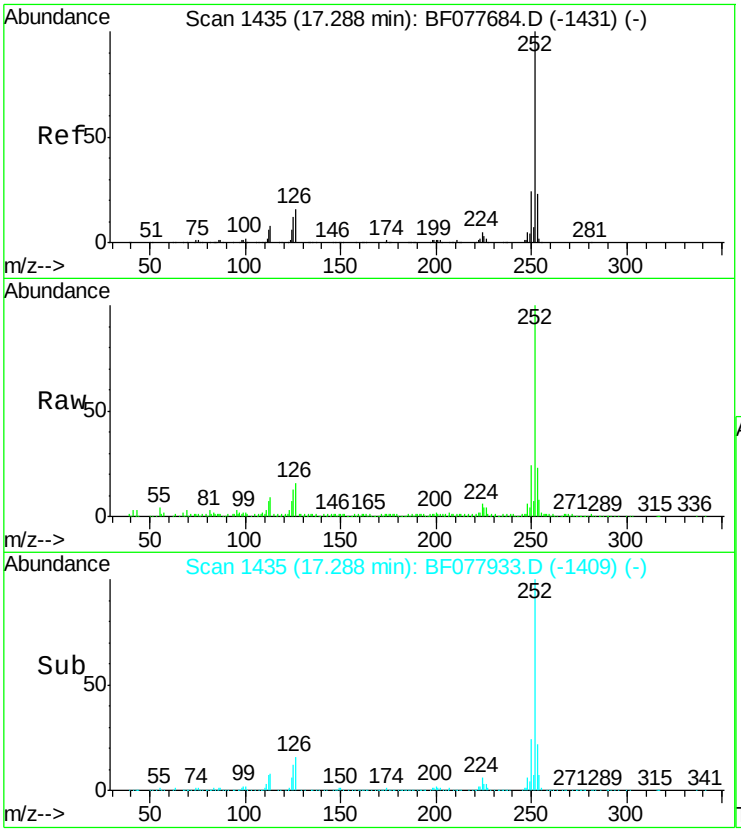


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:264 Resp: 191153

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.8	17.3	25.9



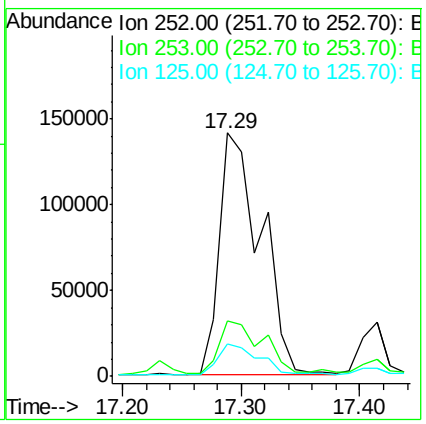


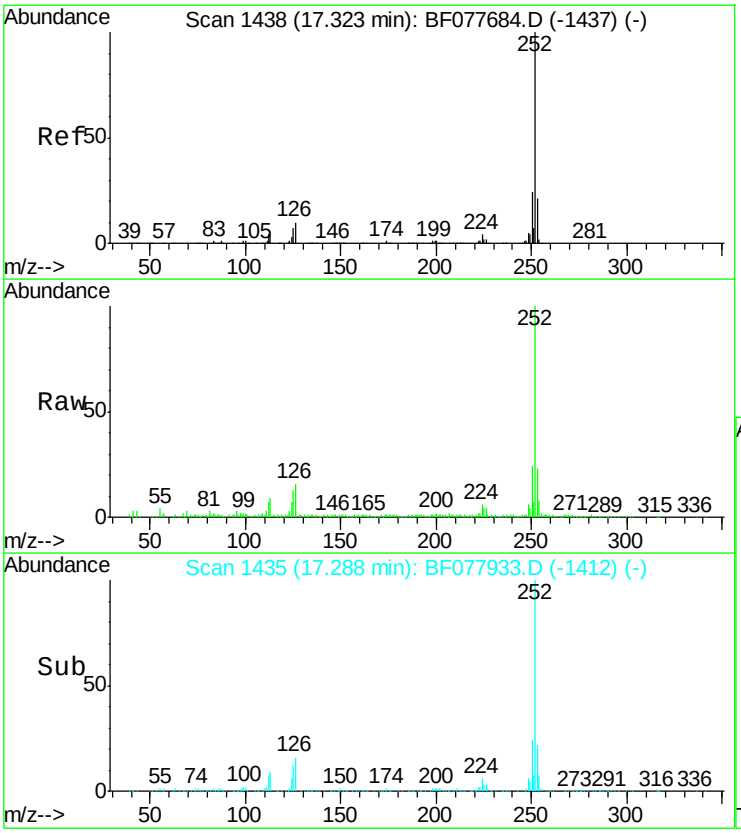
#87
Benzo(b)fluoranthene
Concen: 27.70 ng
RT: 17.29 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Instrument :
BNA_F
ClientSampleId :
SB-6-1

Tgt Ion:252 Resp: 345632

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.2	9.9	14.9





#88
Benzo(k)fluoranthene
Concen: 35.46 ng
RT: 17.29 min Scan# 1435
Delta R.T. -0.03 min
Lab File: BF077933.D
Acq: 25 Mar 2015 3:38

Tgt Ion:252 Resp: 345632

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.2	8.1	12.1#