Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078327.D
Acq On : 8 Apr 2015 7:30
Operator : TP/IZ
Sample : G1745-07DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3DDL

Quant Time: Apr 08 07:11:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:14:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	35815	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	148277	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	75160	20.00	ng		0.00
63) Phenanthrene-d10	12.51	188	146604	20.00	ng		0.01
75) Chrysene-d12	15.77	240	157420	20.00	ng		0.00
86) Perylene-d12	17.51	264	162197	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	42244	19.45	ng		0.01
7) Phenol-d6	6.53	99	54179	19.90	ng		0.01
23) Nitrobenzene-d5	7.63	82	31972	13.07	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	12052	19.33	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	76987	14.64	ng		0.00
78) Terphenyl-d14	14.50	244	90896	13.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	3846	2.13	ng	#	1
31) Naphthalene	8.54	128	2752554	356.66	ng		95
37) 2-Methylnaphthalene	9.40	142	582674	111.20	ng		98
45) 1,1'-Biphenyl	9.97	154	277892	45.20	ng		97
47) 2-Nitroaniline	10.09	65	3122	2.61	ng	#	33
48) Acenaphthylene	10.50	152	140438	17.98	ng		98
51) Acenaphthene	10.72	154	578250	131.49	ng		100
54) Dibenzofuran	10.93	168	24147	3.59	ng	#	92
55) 4-Nitrophenol	10.88	139	697	3.46	ng	#	18
56) 2,4-Dinitrotoluene	10.92	165	3516	2.34	ng	#	65
57) Fluorene	11.36	166	376823	69.21	ng		100
61) 4-Nitroaniline	11.36	138	3402	2.55	ng	#	22
70) Phenanthrene	12.55	178	1778698	209.75	ng		98
71) Anthracene	12.60	178	395698	47.35	ng		100
74) Fluoranthene	14.01	202	874302	97.76	ng		92
77) Pyrene	14.28	202	1200021	121.43	ng		97
80) Benzo(a)anthracene	15.80	228	185070	19.76	ng		95
82) Chrysene	15.80	228	265719	30.20	ng		99
85) Indeno(1,2,3-cd)pyrene	18.79	276	138328	13.85	ng		95
87) Benzo(b)fluoranthene	17.06	252	337154	33.63	ng	#	96
88) Benzo(k)fluoranthene	17.06	252	326650	36.67	ng		97
89) Benzo(a)pyrene	17.45	252	316216	36.15	ng		98
90) Dibenzo(a,h)anthracene	18.81	278	22821	2.61	ng	#	94
91) Benzo(g,h,i)perylene	19.15	276	167221	19.04	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
Data File : BF078327.D
Acq On : 8 Apr 2015 7:30
Operator : TP/IZ
Sample : G1745-07DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3DDL

Quant Time: Apr 08 07:11:24 2015
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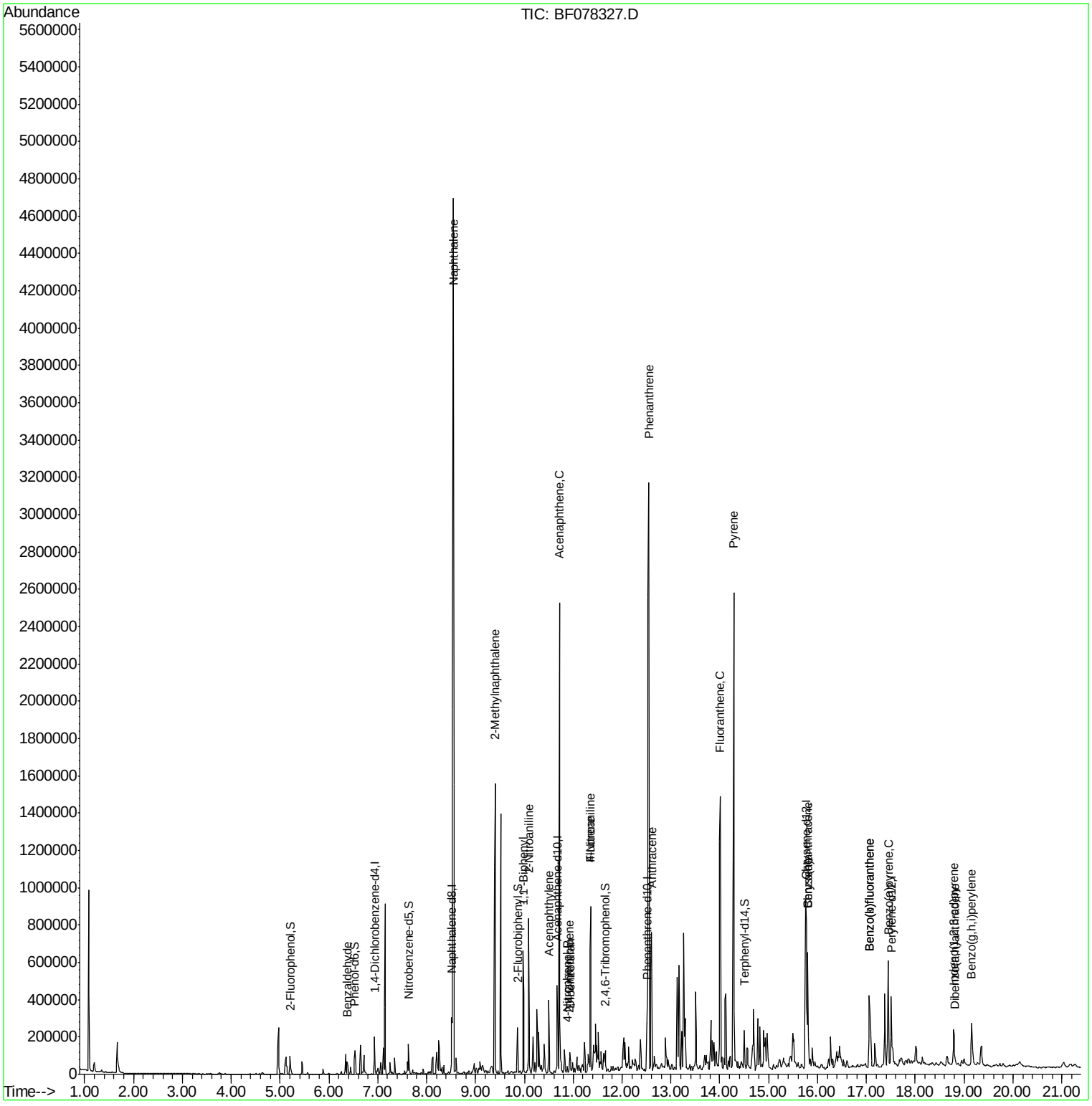
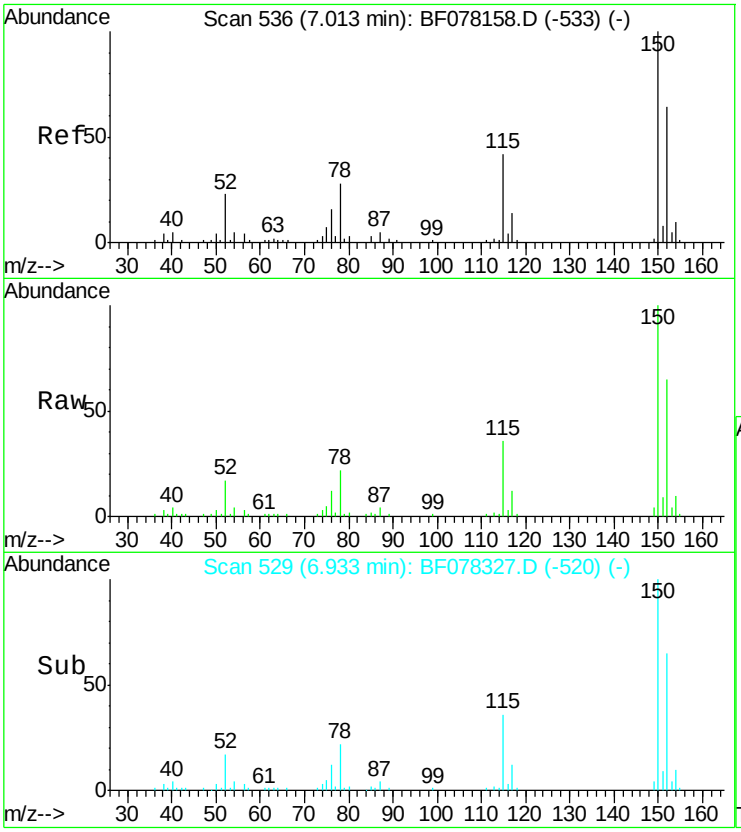
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:14:41 2015
Response via : Initial Calibration



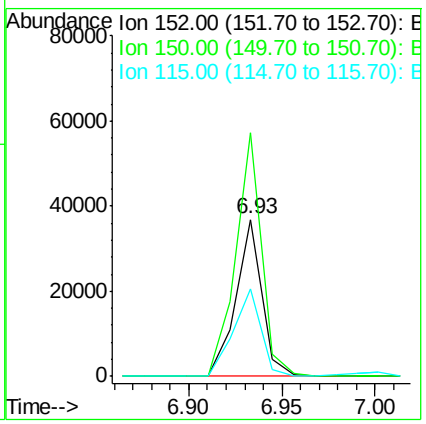


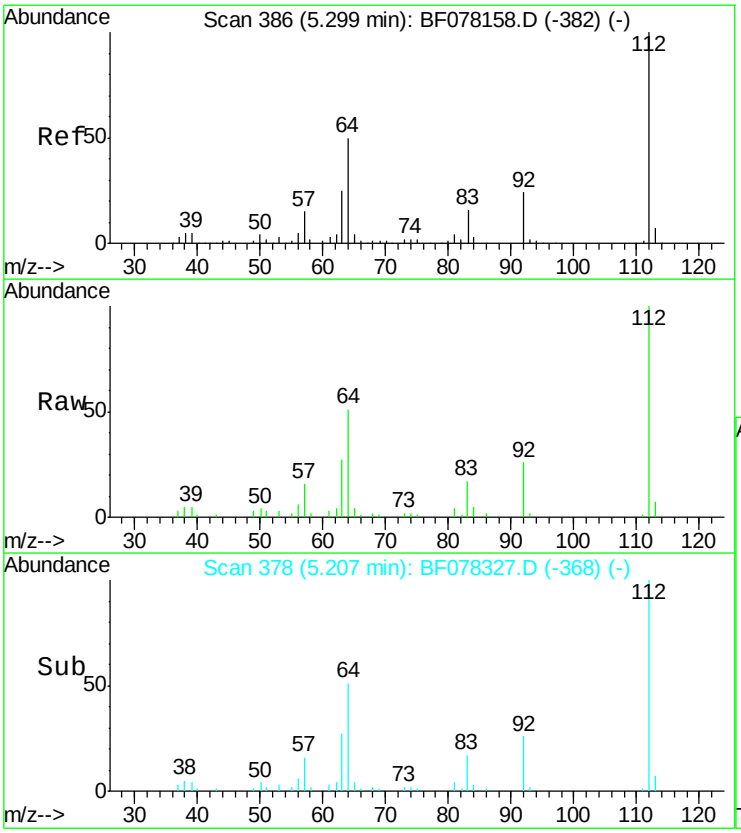
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:152 Resp: 35815

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	55.9	52.7	79.1

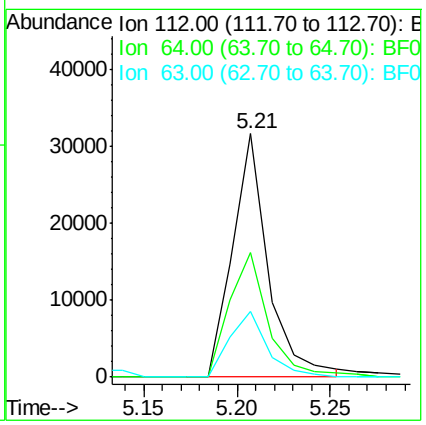


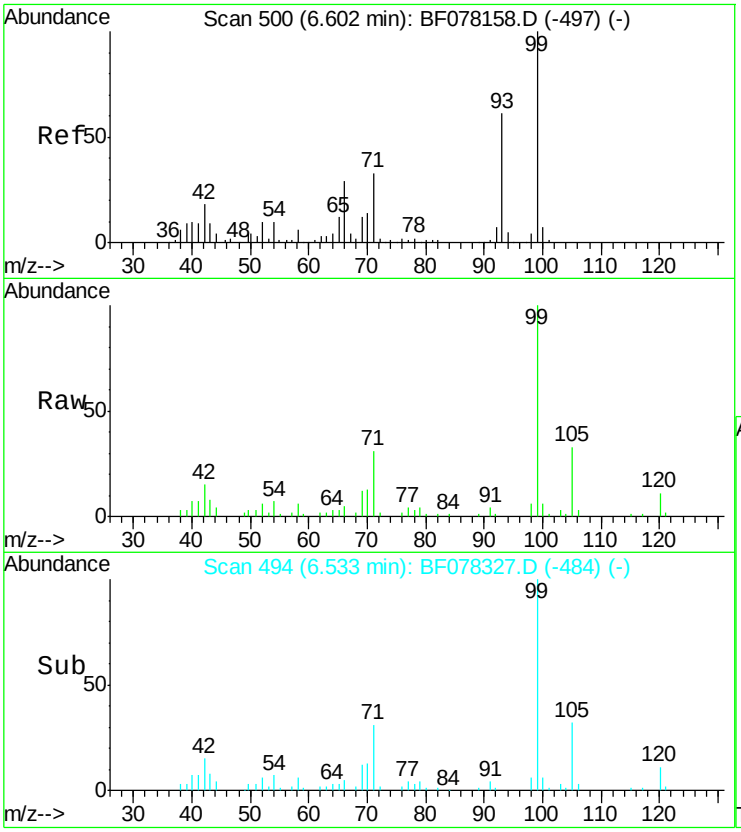


#5
2-Fluorophenol
Concen: 19.45 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:112 Resp: 42244

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.9	59.9
63	26.8	20.2	30.4



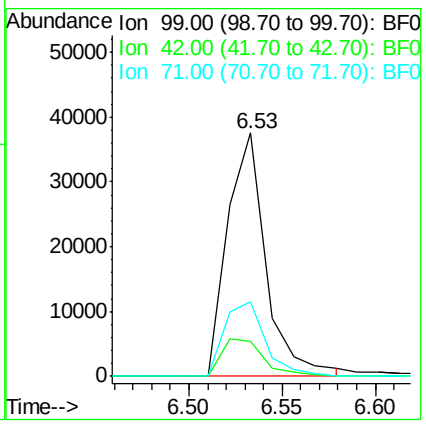


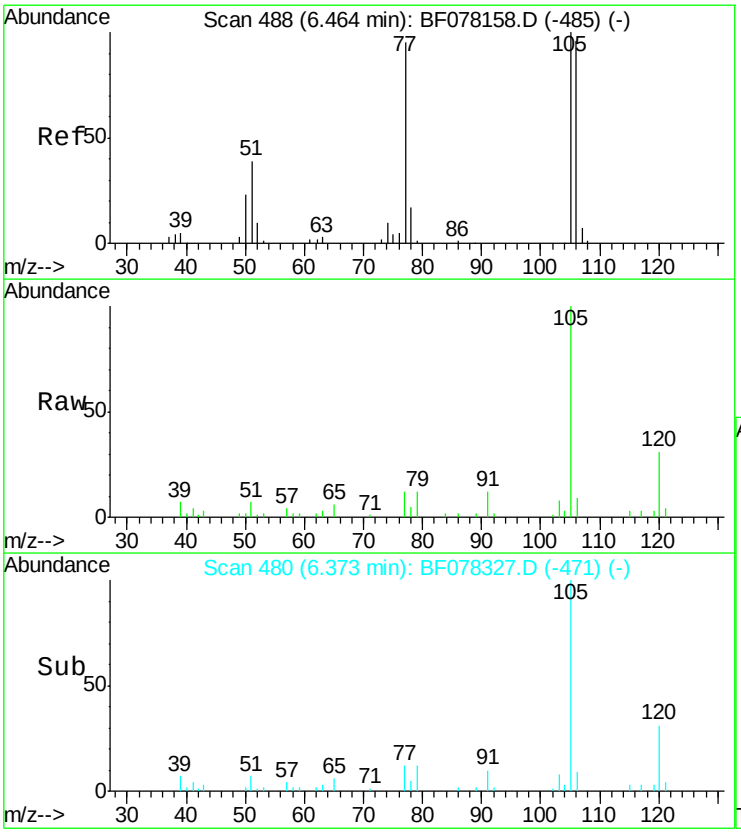
#7
Phenol-d6
Concen: 19.90 ng
RT: 6.53 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion: 99 Resp: 54179

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.8	22.2#
71	30.5	26.6	39.8

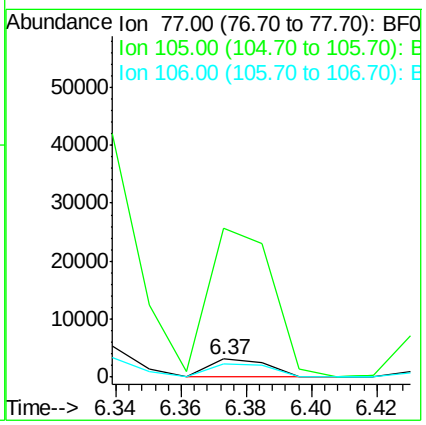


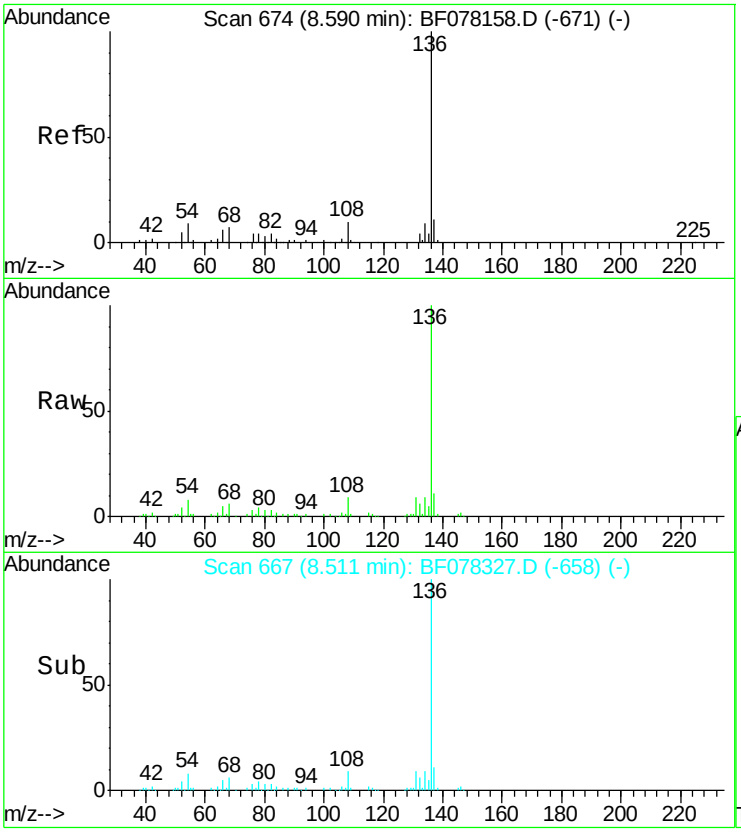


#9
Benzaldehyde
Concen: 2.13 ng
RT: 6.37 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion: 77 Resp: 3846

Ion	Ratio	Lower	Upper
77	100		
105	813.2	85.4	125.4#
106	73.7	80.8	120.8#



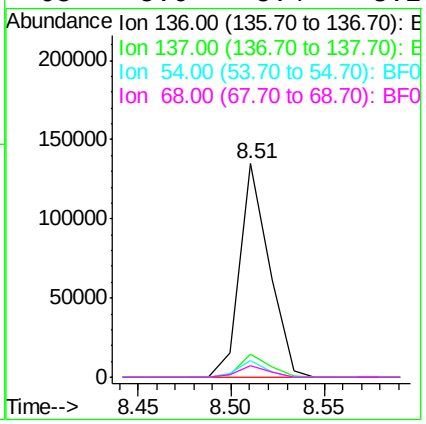


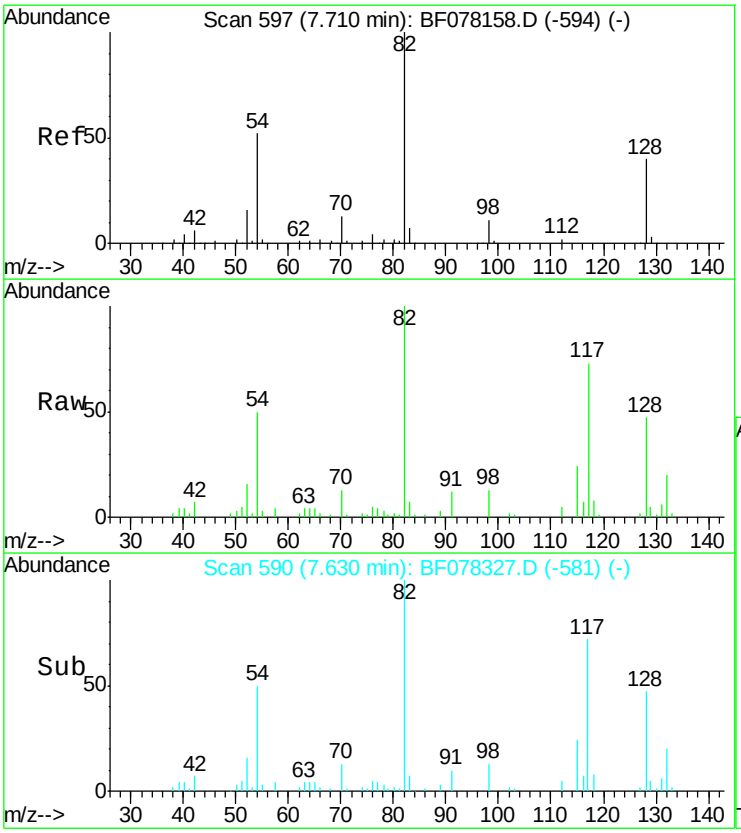
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:136 Resp: 148277

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.6	7.0	10.6
68	5.6	5.4	8.2

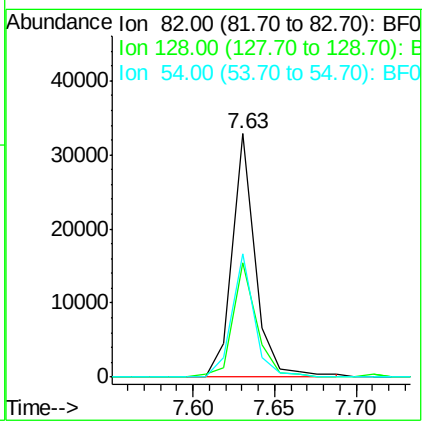


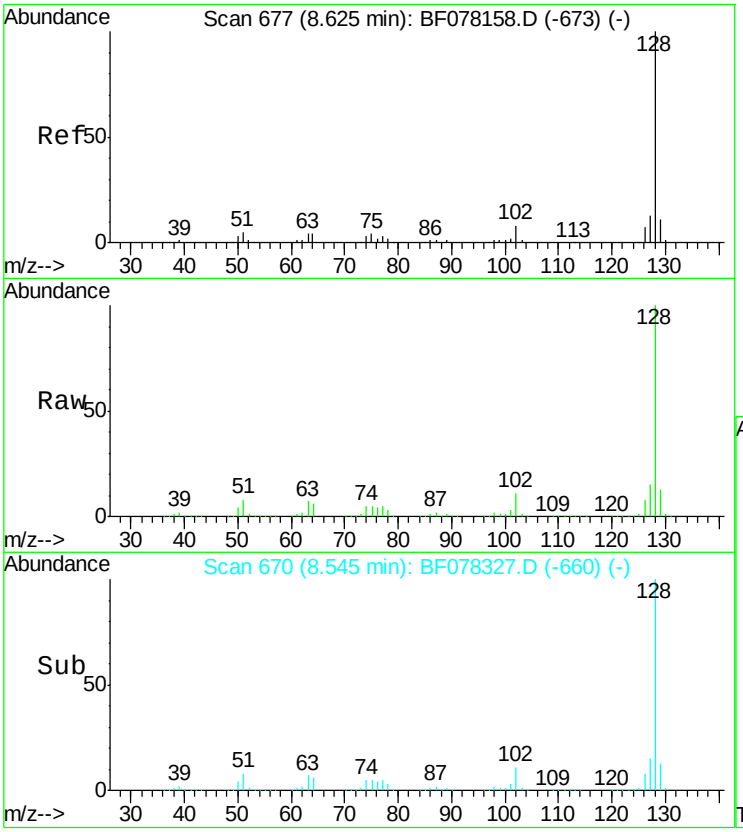


#23
Nitrobenzene-d5
Concen: 13.07 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion: 82 Resp: 31972

Ion	Ratio	Lower	Upper
82	100		
128	46.8	31.8	47.8
54	50.5	41.5	62.3



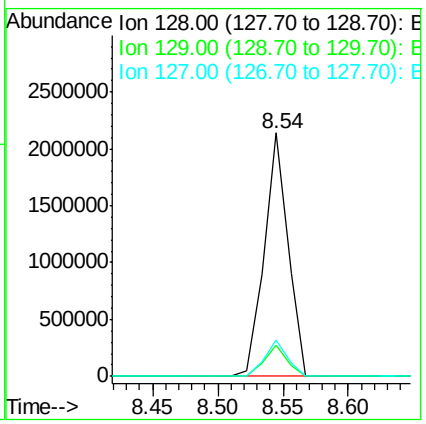


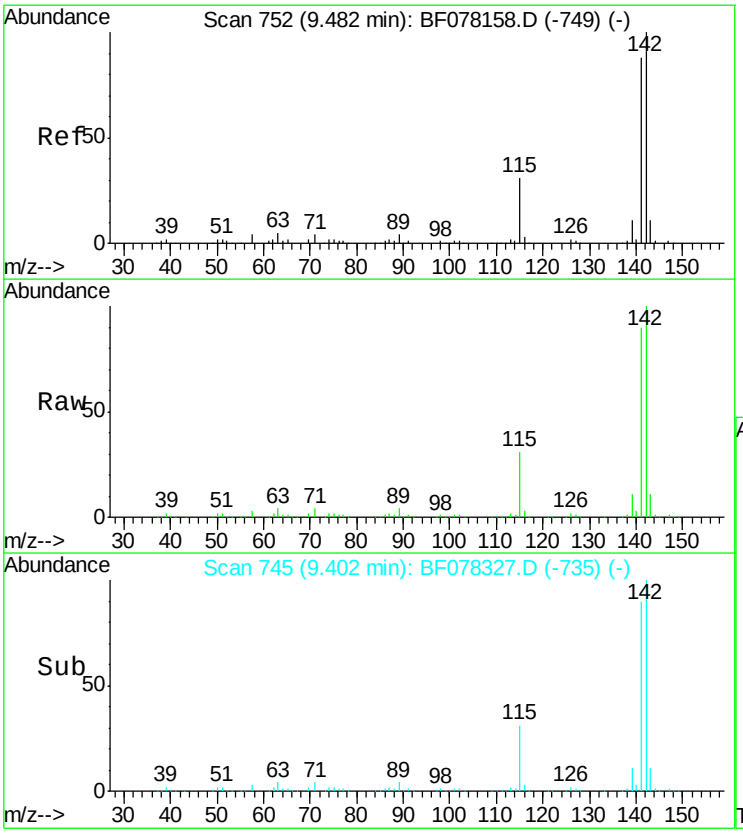
#31
Naphthalene
Concen: 356.66 ng
RT: 8.54 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:128 Resp: 2752554

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.6	12.8
127	15.0	10.7	16.1

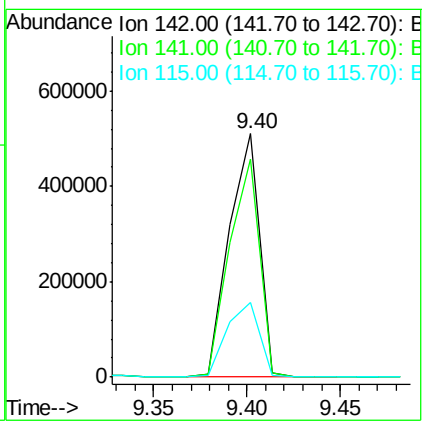


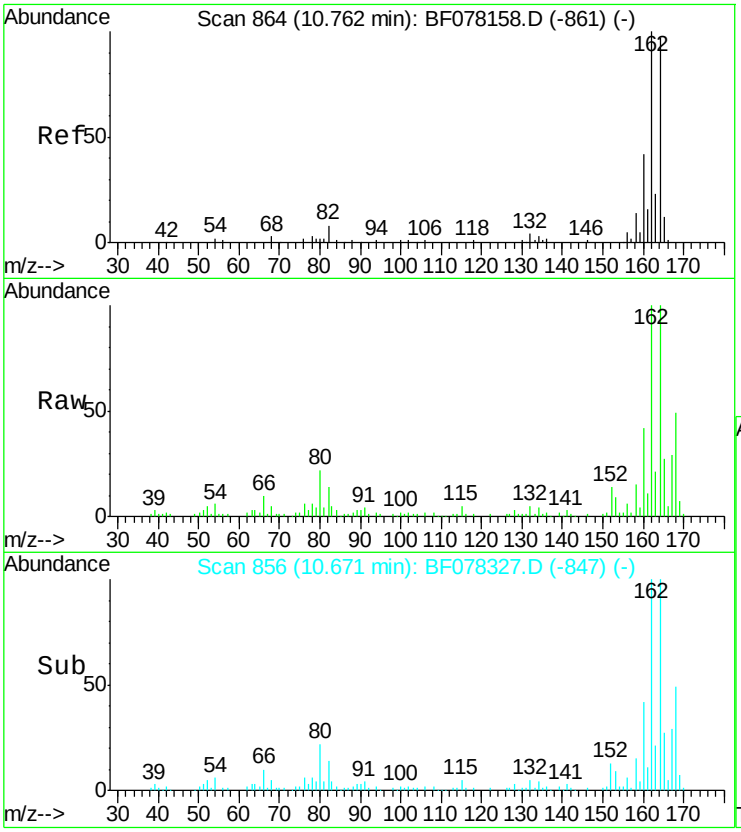


#37
2-Methylnaphthalene
Concen: 111.20 ng
RT: 9.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:142 Resp: 582674

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	30.9	24.6	37.0



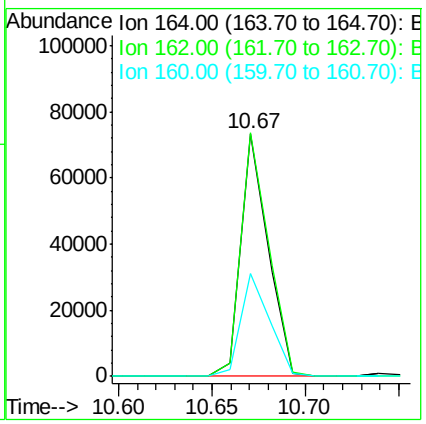


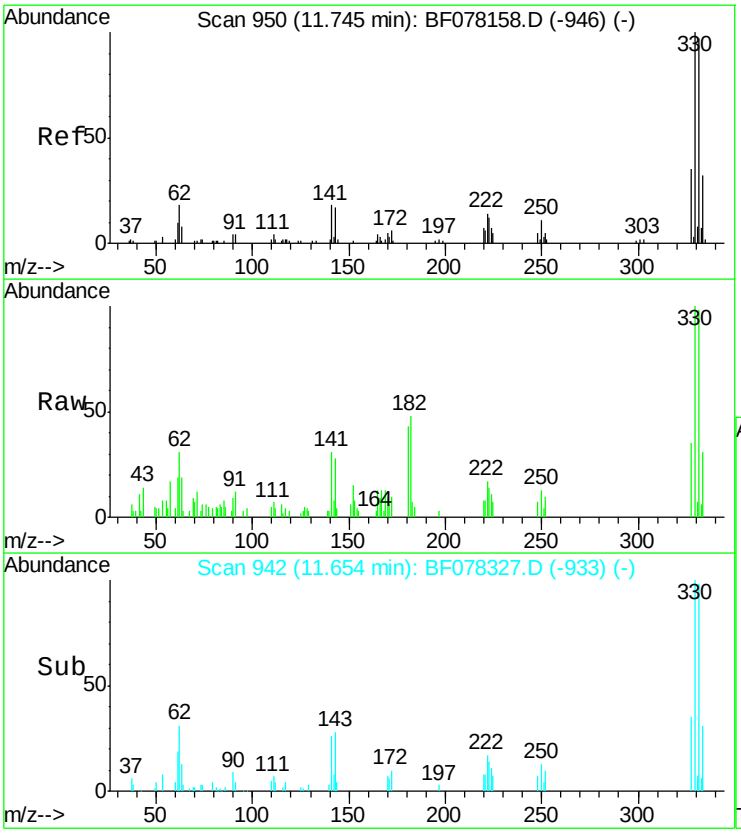
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:164 Resp: 75160

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	42.4	34.7	52.1

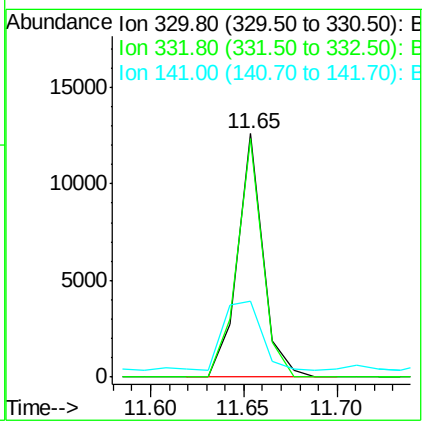


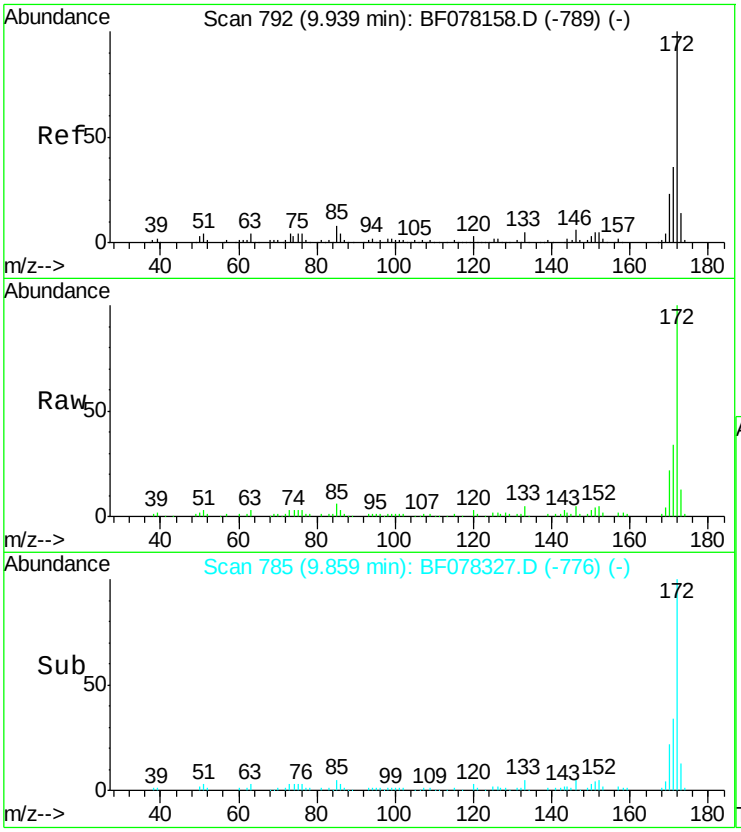


#41
2,4,6-Tribromophenol
Concen: 19.33 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:330 Resp: 12052

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.6	117.8
141	41.9	31.2	46.8



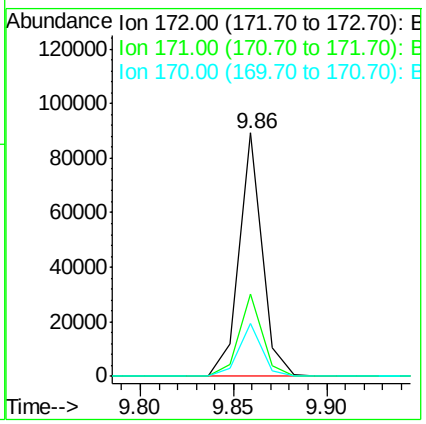


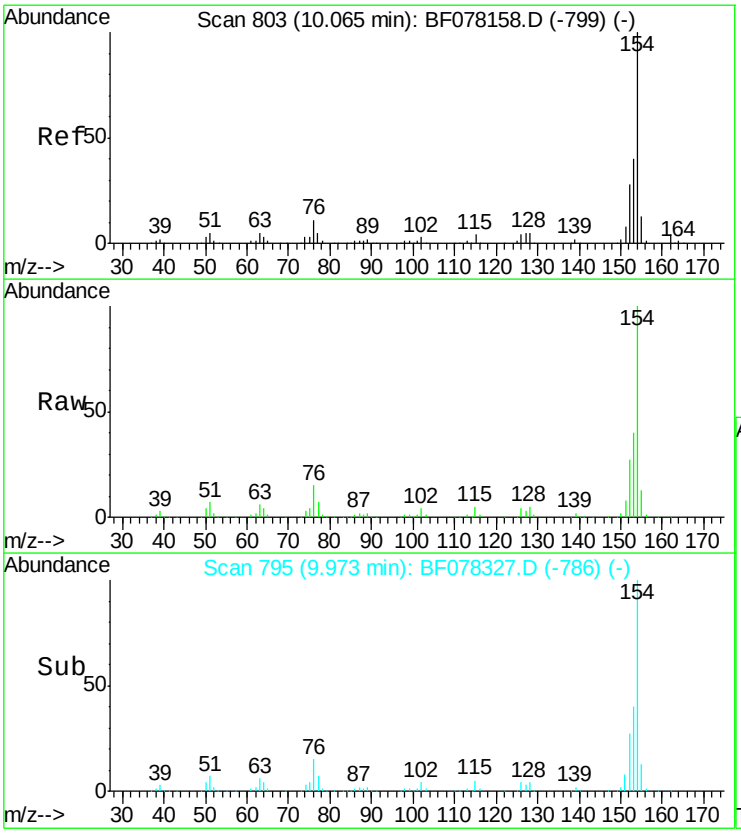
#44
2-Fluorobiphenyl
Concen: 14.64 ng
RT: 9.86 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:172 Resp: 76987

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	42.8
170	21.9	18.5	27.7

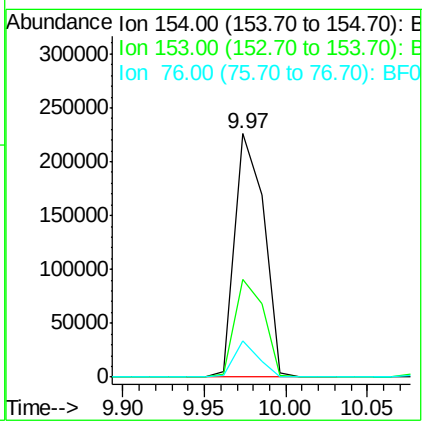


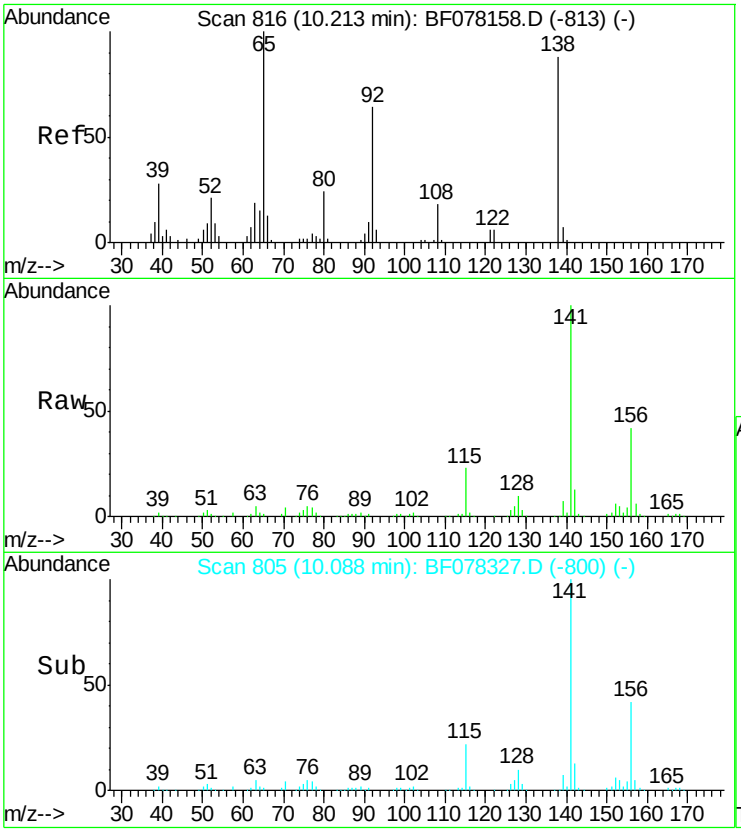


#45
1,1'-Biphenyl
Concen: 45.20 ng
RT: 9.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:154 Resp: 277892

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	15.1	0.0	30.6



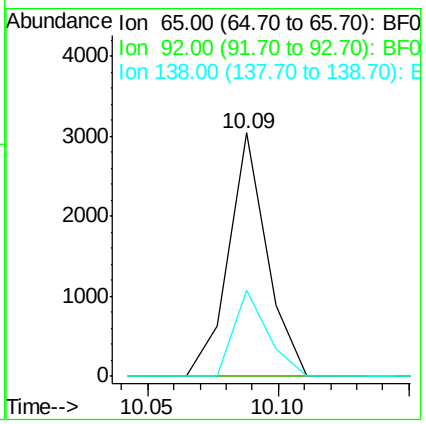


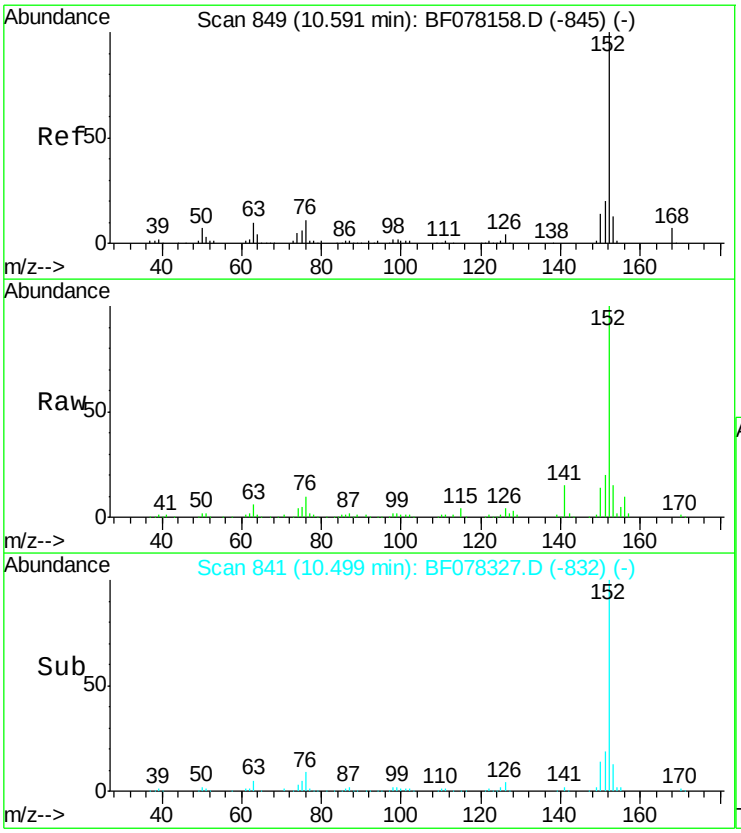
#47
2-Nitroaniline
Concen: 2.61 ng
RT: 10.09 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion: 65 Resp: 3122

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.3	76.9#
138	35.2	70.4	105.6#

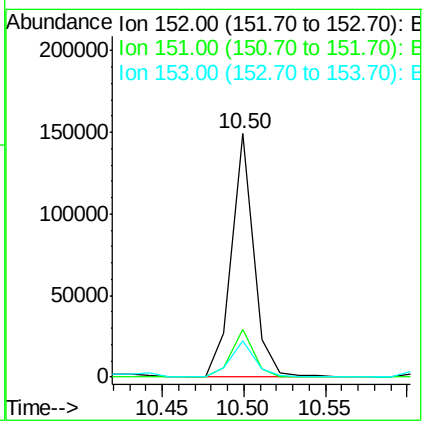


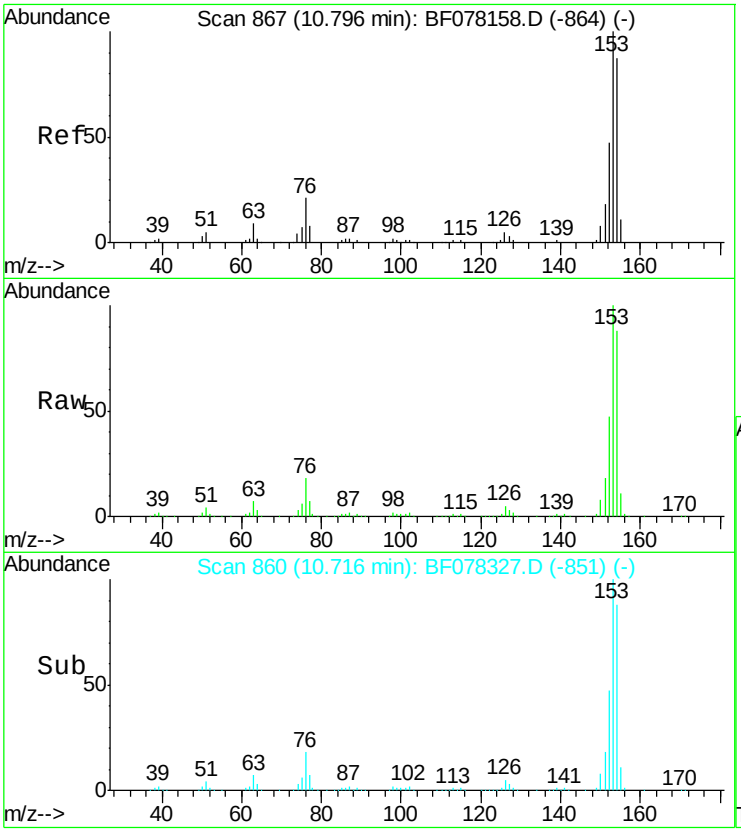


#48
Acenaphthylene
Concen: 17.98 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:152 Resp: 140438

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	14.9	10.2	15.2



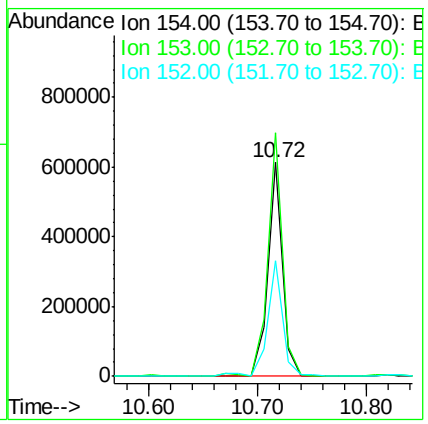


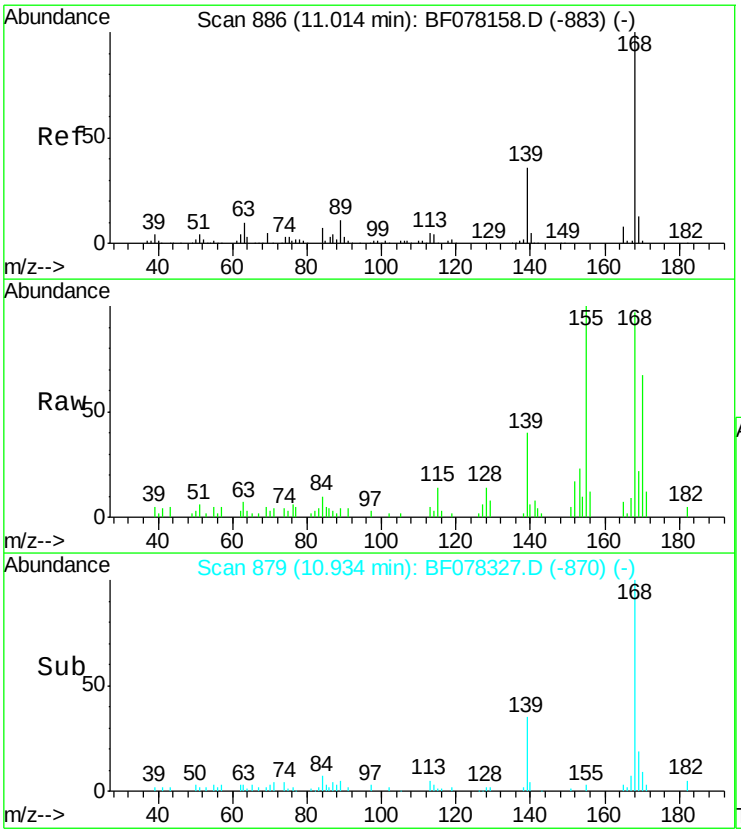
#51
Acenaphthene
Concen: 131.49 ng
RT: 10.72 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:154 Resp: 578250

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	53.9	43.0	64.6

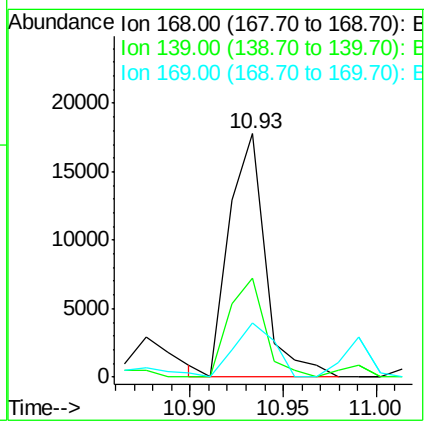


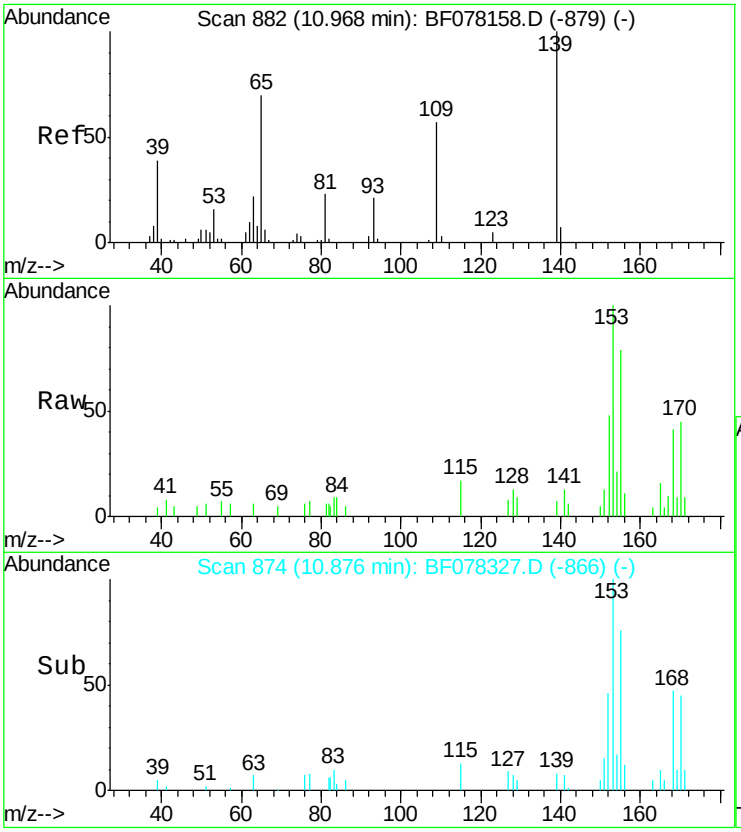


#54
Dibenzofuran
Concen: 3.59 ng
RT: 10.93 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:168 Resp: 24147

Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.0	46.4
169	22.3	10.7	16.1#



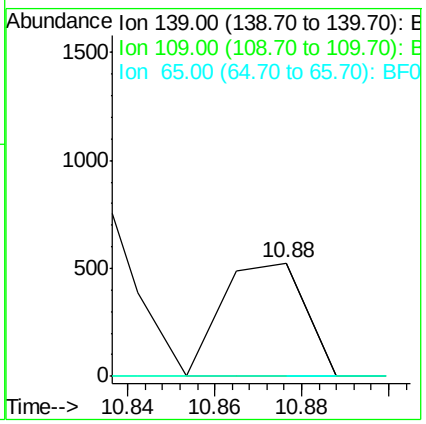


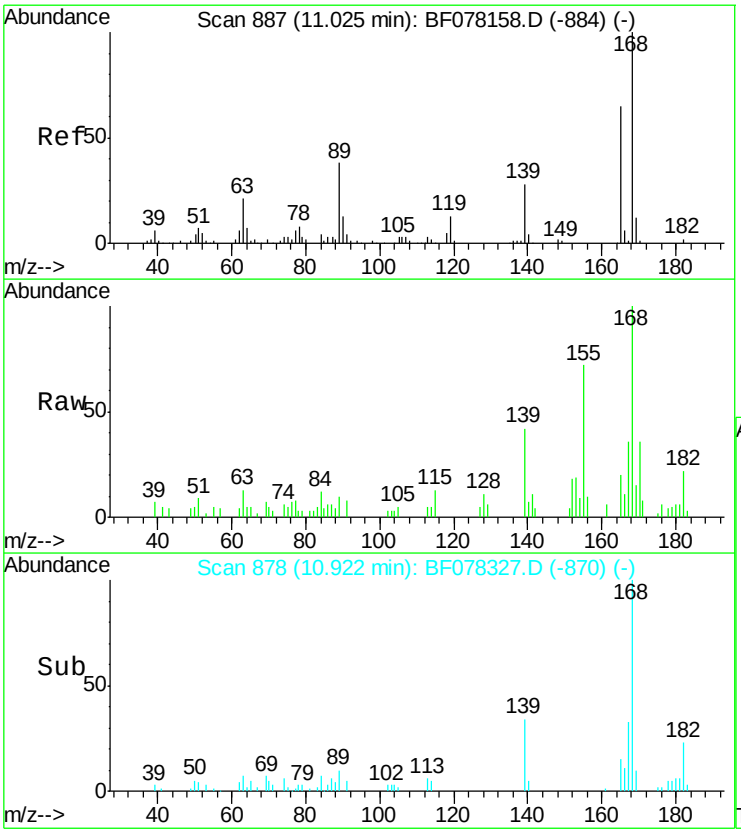
#55
4-Nitrophenol
Concen: 3.46 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:139 Resp: 697

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

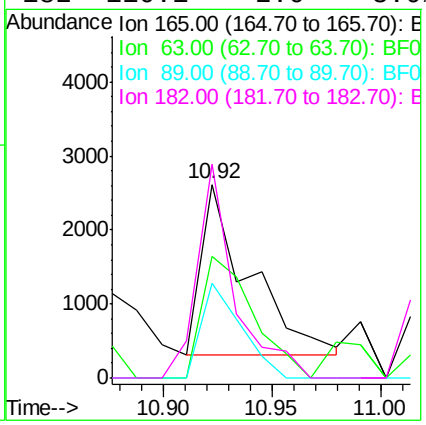


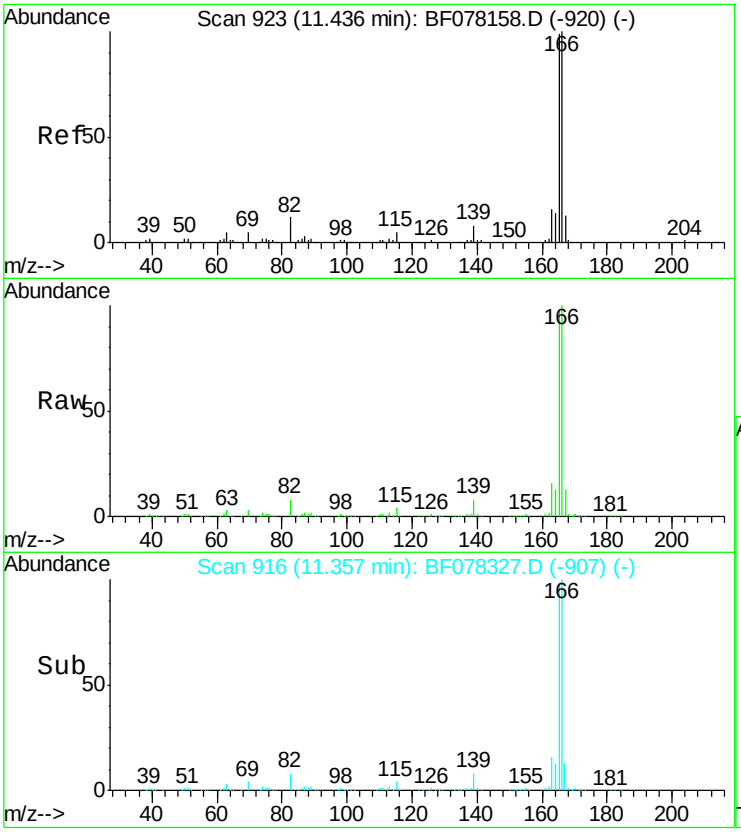


#56
2,4-Dinitrotoluene
Concen: 2.34 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:165 Resp: 3516

Ion	Ratio	Lower	Upper
165	100		
63	62.9	26.5	39.7#
89	48.5	46.4	69.6
182	110.1	2.0	3.0#



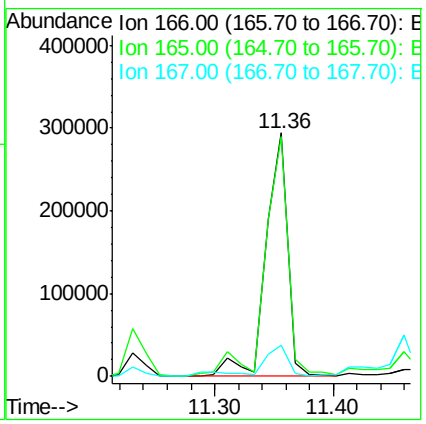


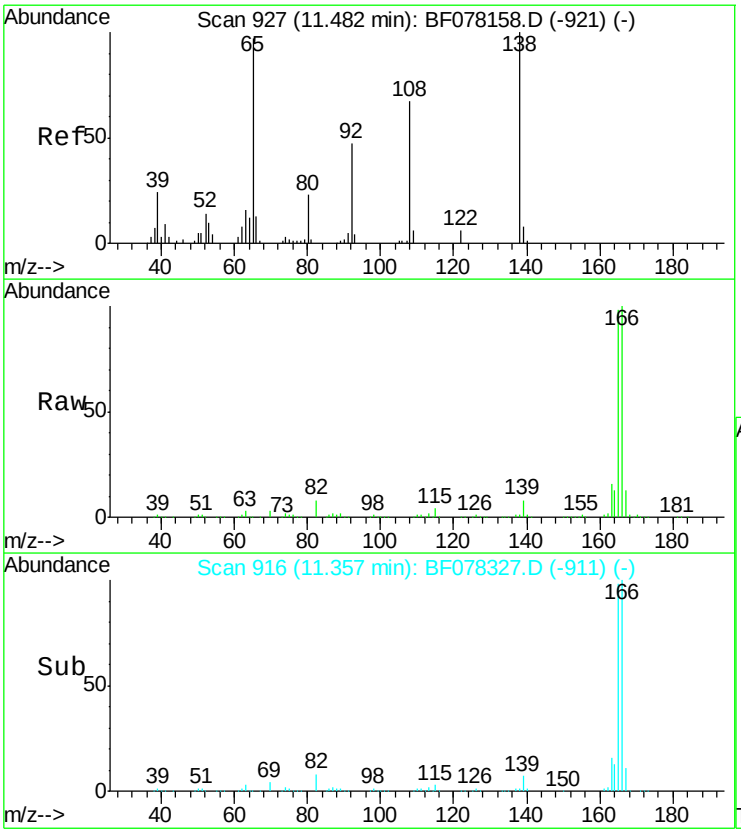
#57
Fluorene
Concen: 69.21 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:166 Resp: 376823

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.9	118.3
167	12.9	10.7	16.1

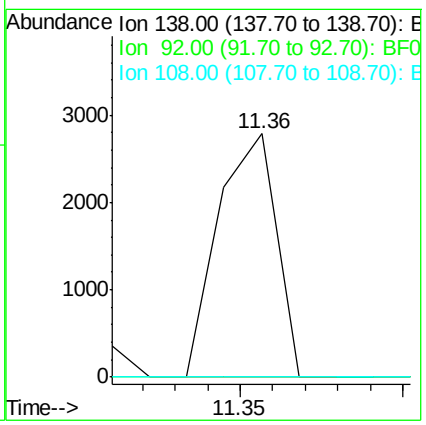


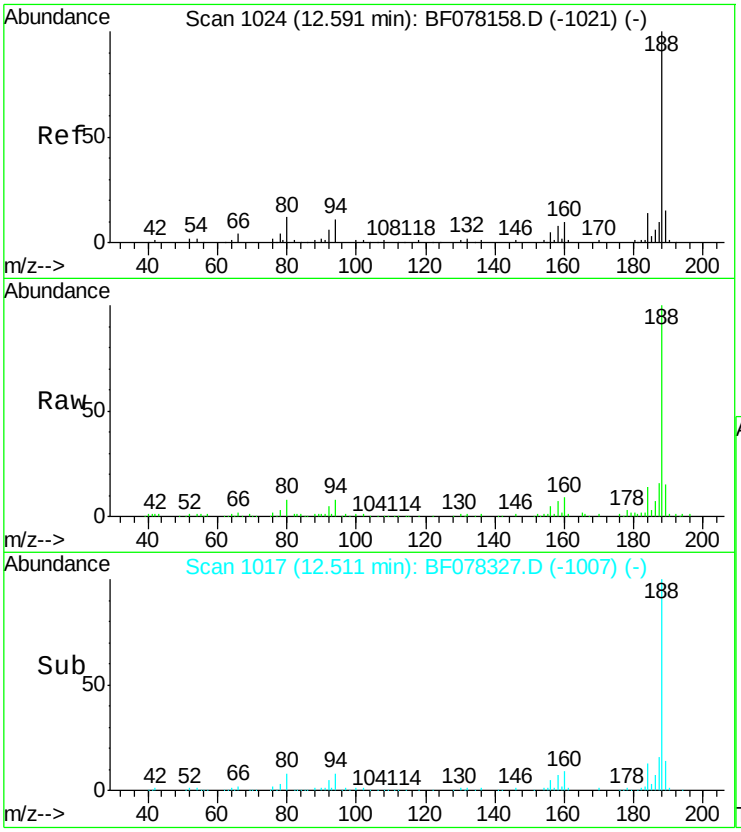


#61
4-Nitroaniline
Concen: 2.55 ng
RT: 11.36 min Scan# 916
Delta R.T. -0.05 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:138 Resp: 3402

Ion	Ratio	Lower	Upper
138	100		
92	0.0	27.3	67.3#
108	0.0	47.2	87.2#



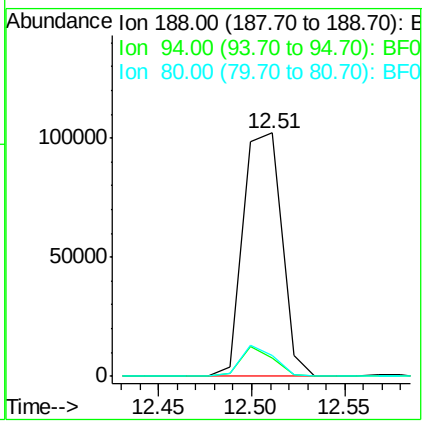


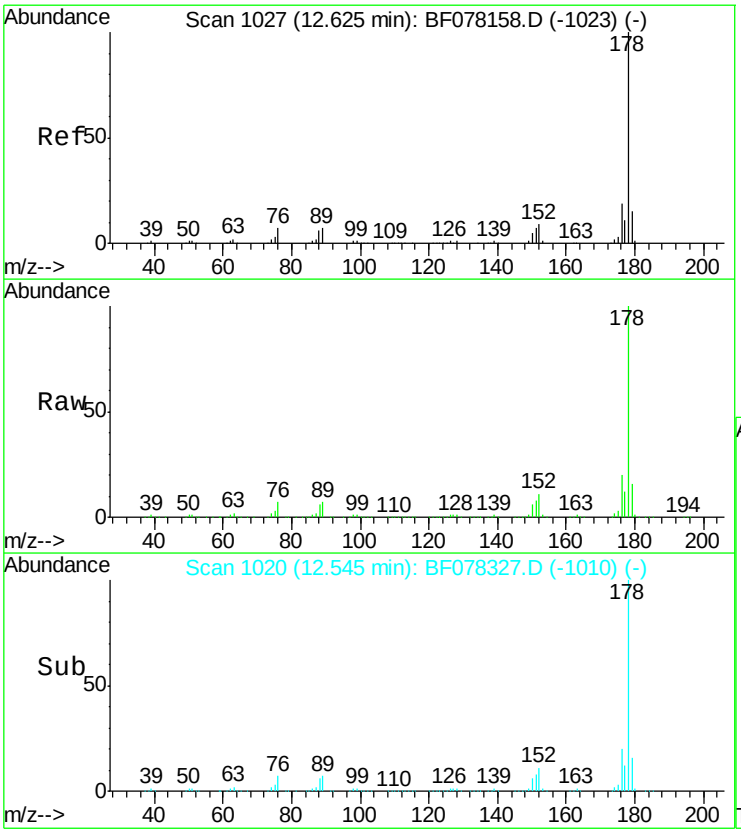
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:188 Resp: 146604

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	8.4	9.5	14.3#

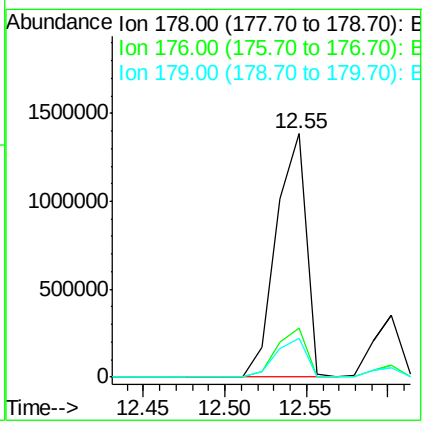


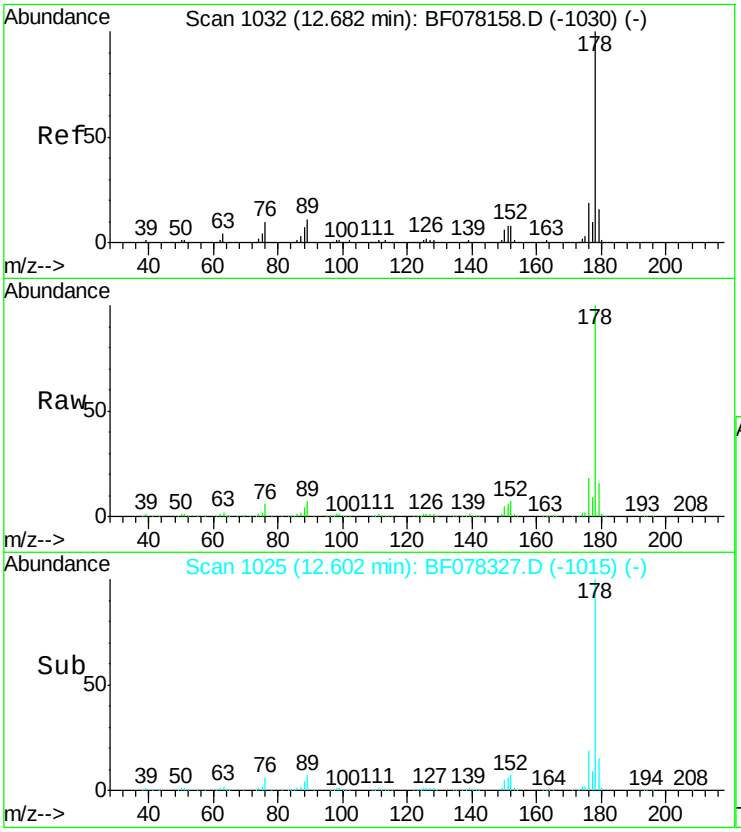


#70
Phenanthrene
Concen: 209.75 ng
RT: 12.55 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:178 Resp: 1778698

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	15.8	12.2	18.2



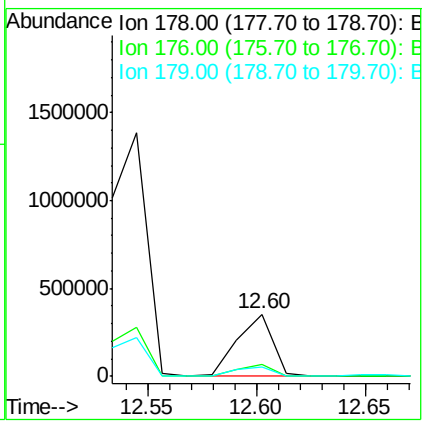


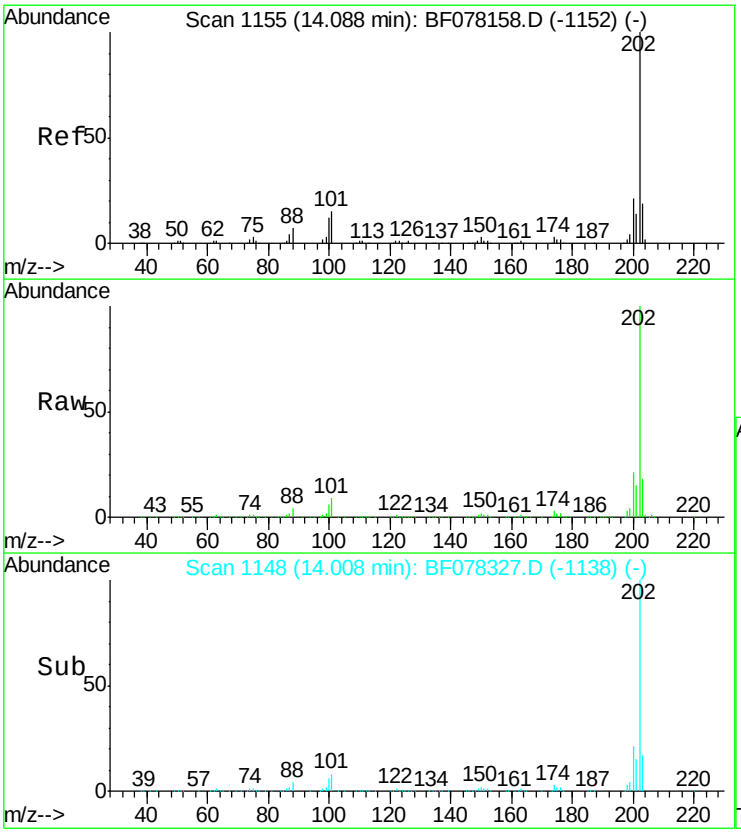
#71
Anthracene
Concen: 47.35 ng
RT: 12.60 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:178 Resp: 395698

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.7	12.4	18.6

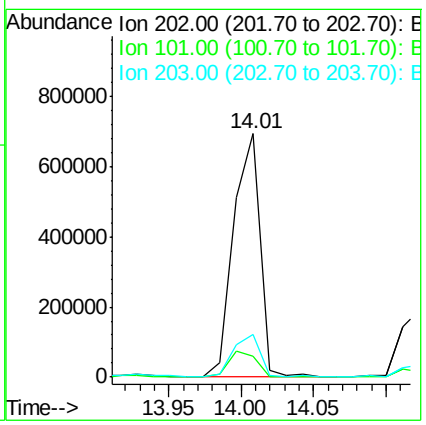


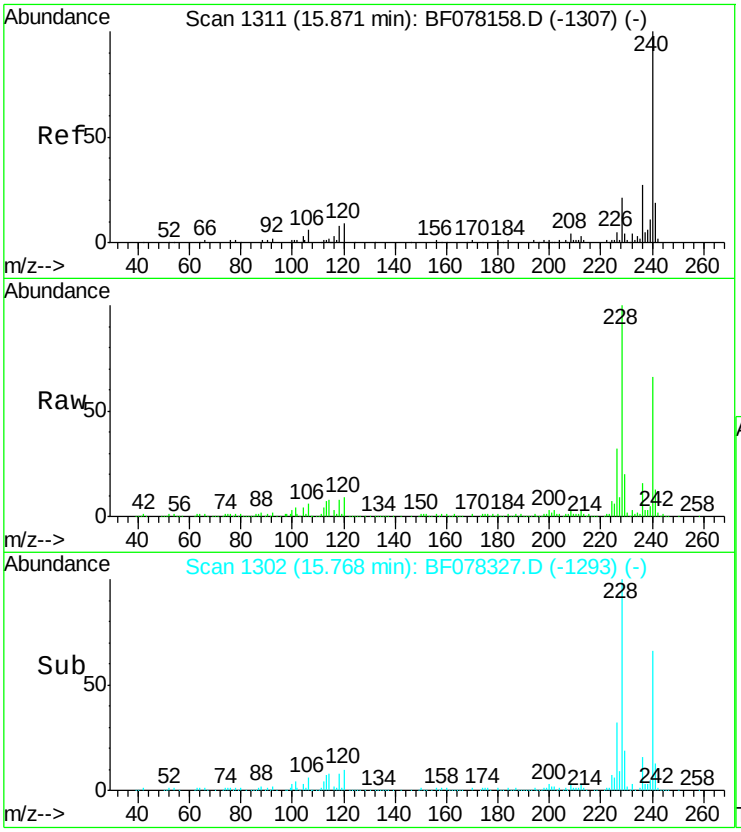


#74
Fluoranthene
Concen: 97.76 ng
RT: 14.01 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:202 Resp: 874302

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	35.2
203	17.5	0.0	38.5



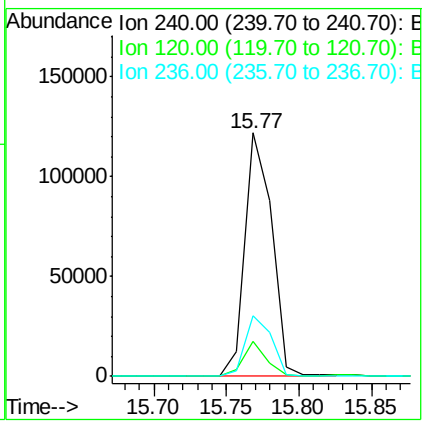


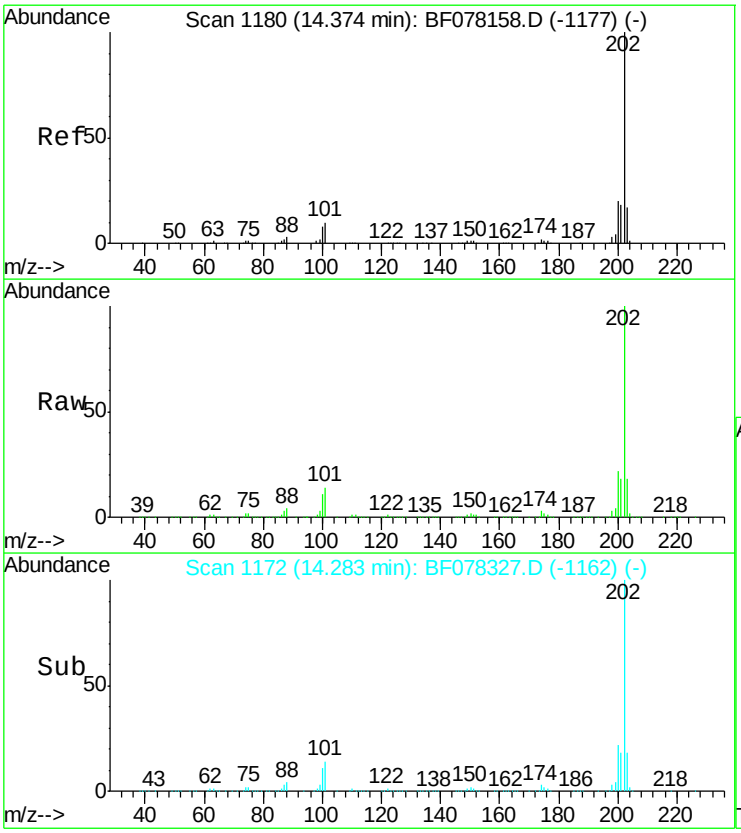
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:240 Resp: 157420

Ion	Ratio	Lower	Upper
240	100		
120	14.5	7.1	10.7#
236	25.1	21.4	32.2

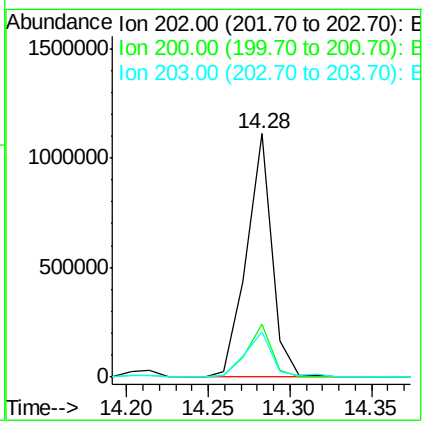


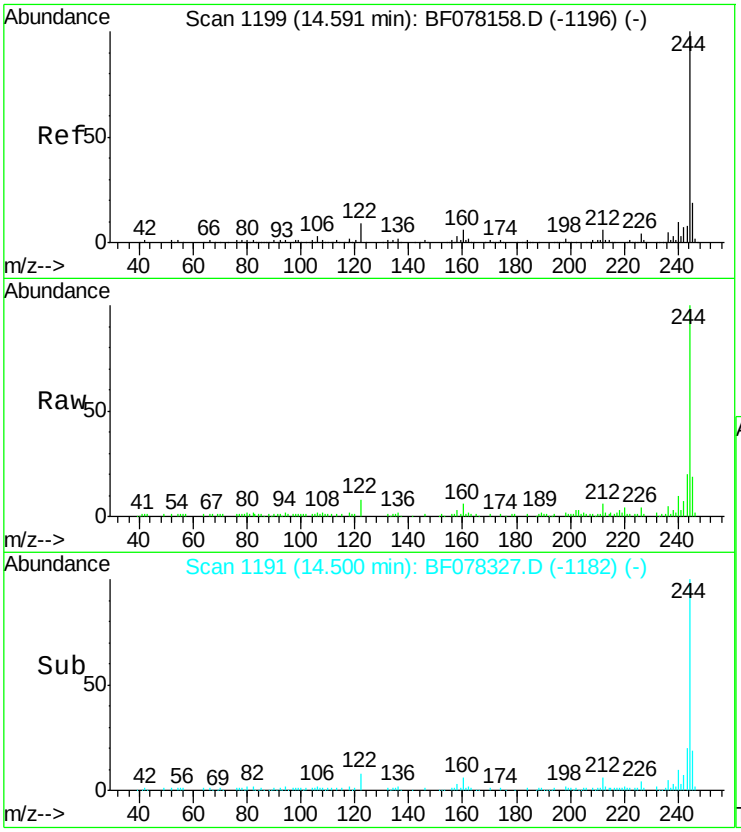


#77
Pyrene
Concen: 121.43 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:202 Resp: 1200021

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	18.5	13.8	20.6



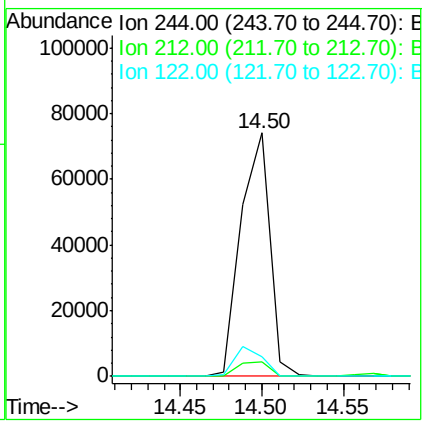


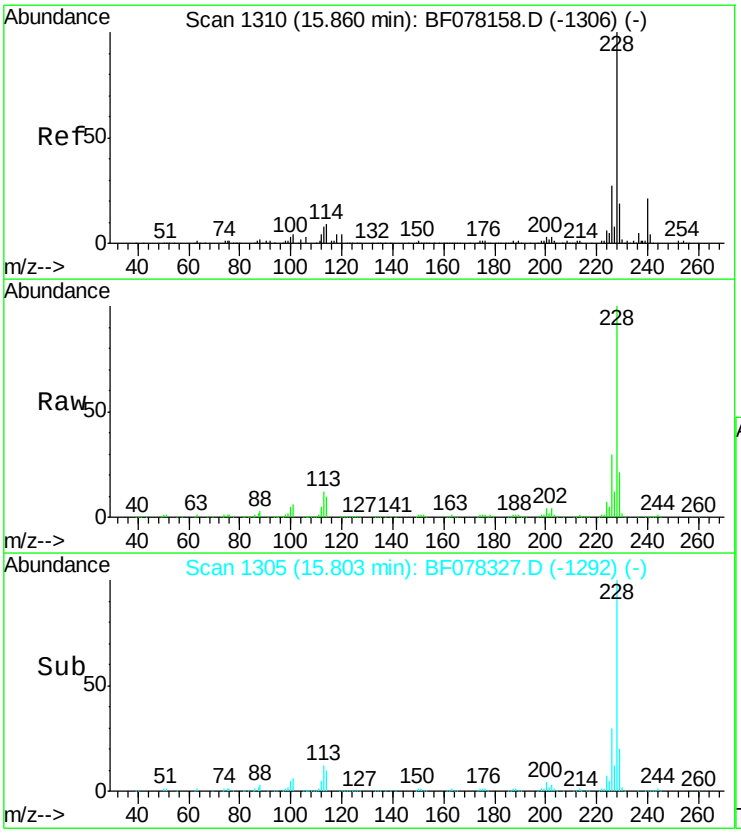
#78
Terphenyl-d14
Concen: 13.05 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:244 Resp: 90896

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.0	7.4
122	8.3	7.1	10.7

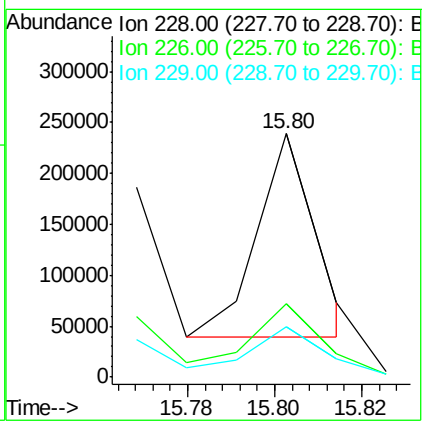


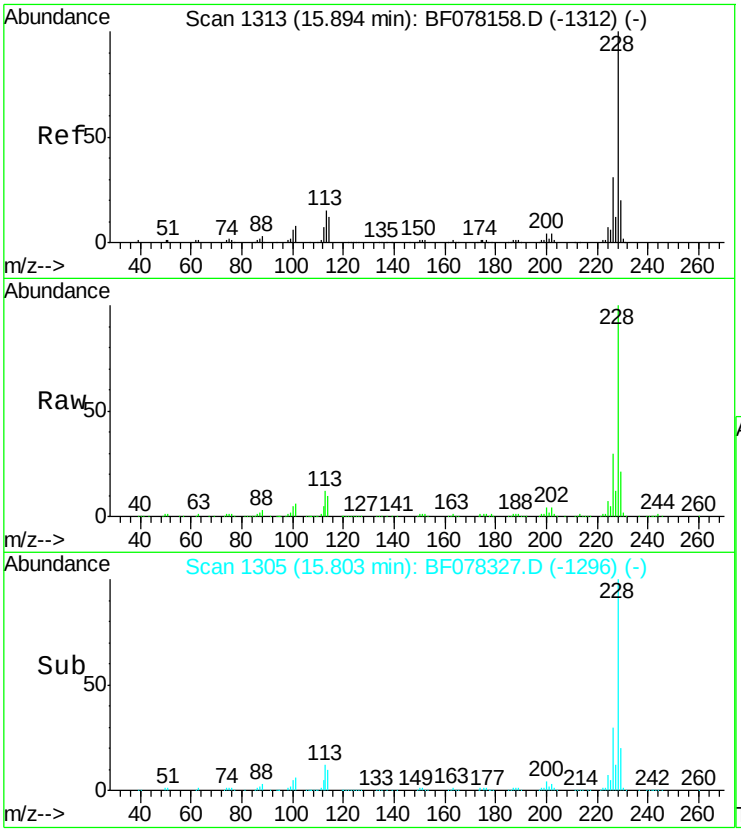


#80
Benzo(a)anthracene
Concen: 19.76 ng
RT: 15.80 min Scan# 1305
Delta R.T. 0.05 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:228 Resp: 185070

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.3	31.9
229	20.7	15.4	23.2



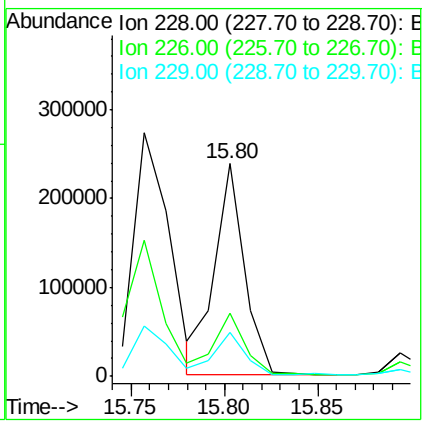


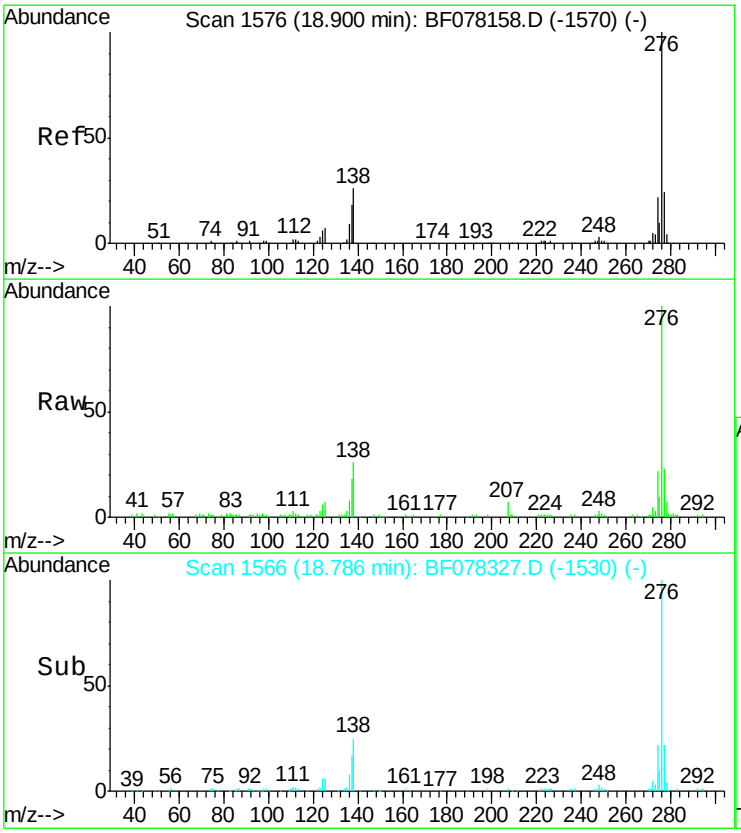
#82
Chrysene
Concen: 30.20 ng
RT: 15.80 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:228 Resp: 265719

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	20.7	15.8	23.8

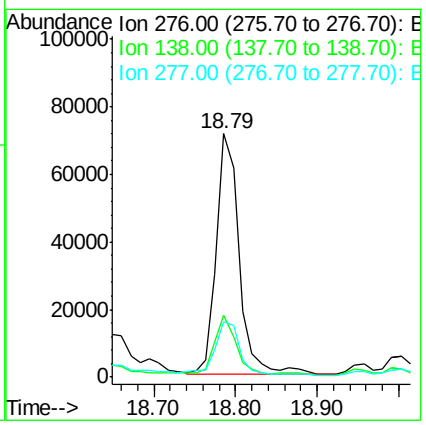


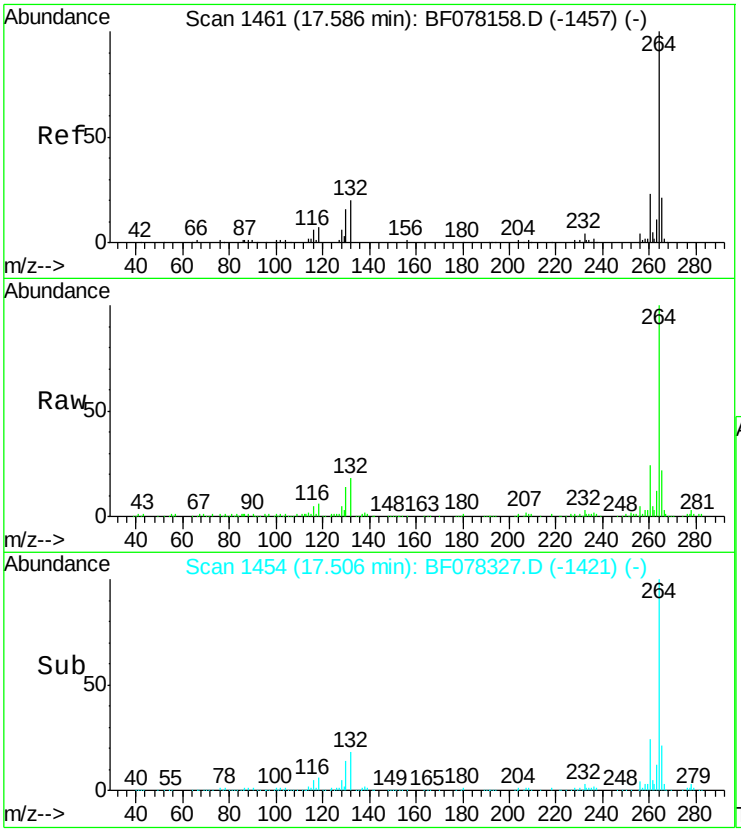


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.85 ng
RT: 18.79 min Scan# 1566
Delta R.T. 0.11 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:276 Resp: 138328

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.9	25.3
277	23.3	15.8	23.6



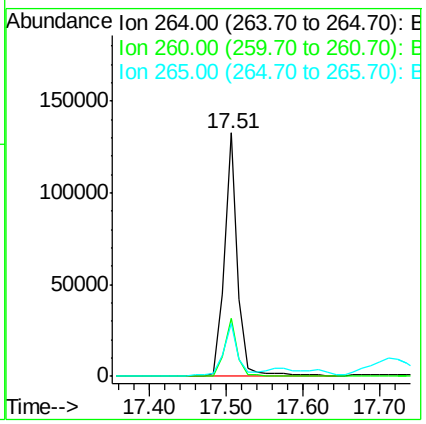


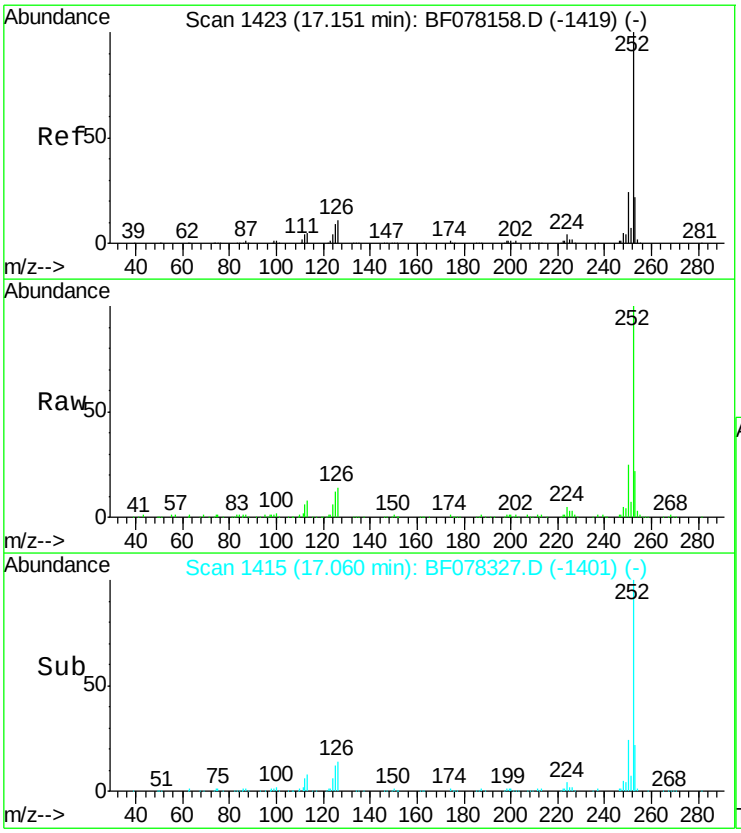
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.08 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:264 Resp: 162197

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.6	17.0	25.6

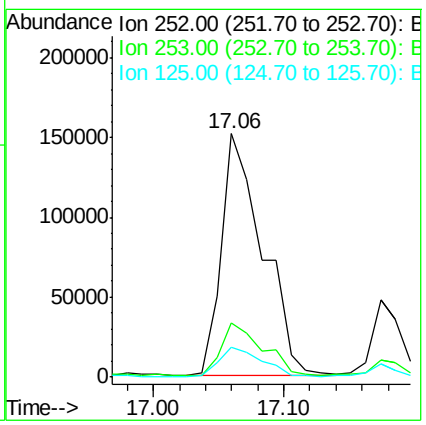


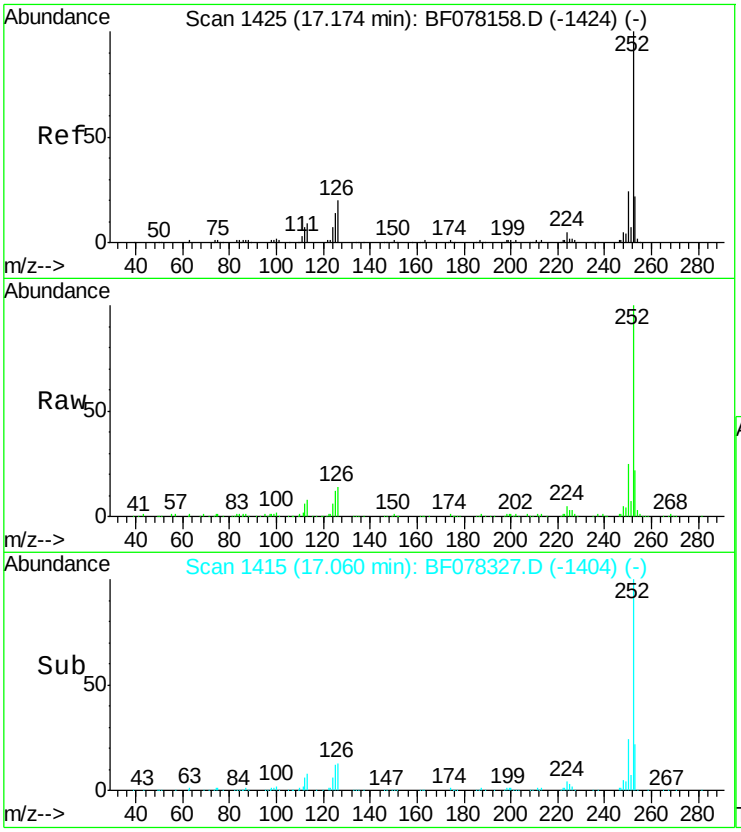


#87
Benzo(b)fluoranthene
Concen: 33.63 ng
RT: 17.06 min Scan# 1415
Delta R.T. 0.06 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:252 Resp: 337154

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.2	7.0	10.4#



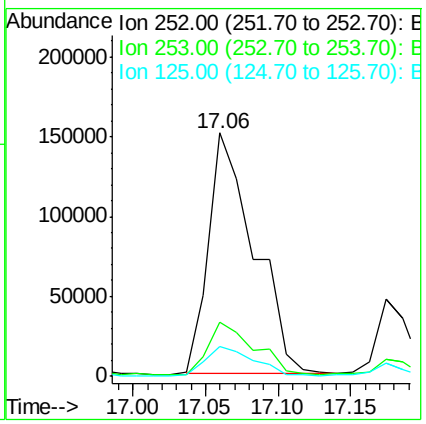


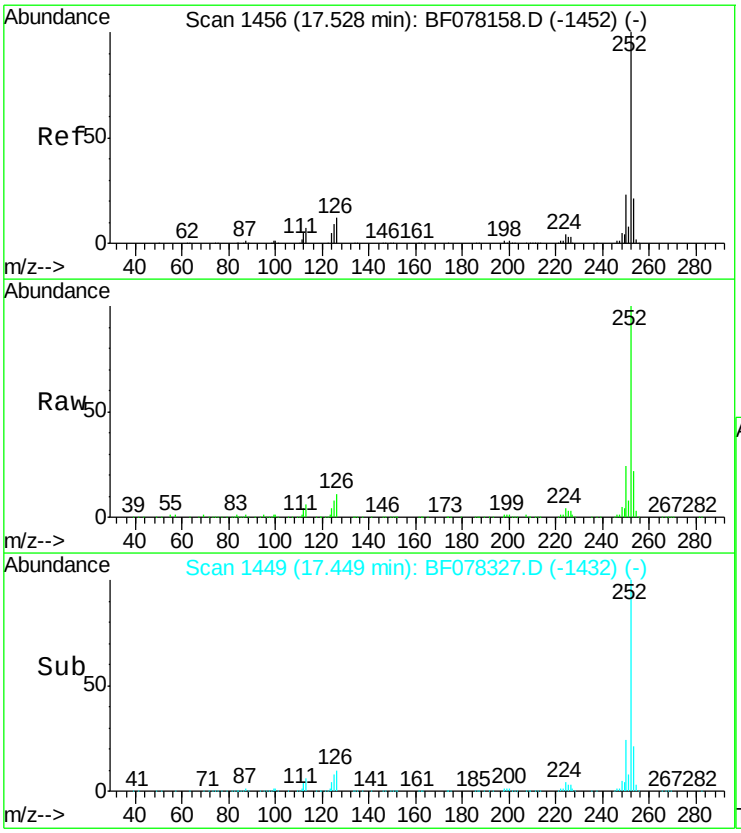
#88
Benzo(k)fluoranthene
Concen: 36.67 ng
RT: 17.06 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:252 Resp: 326650

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.2	11.6	17.4

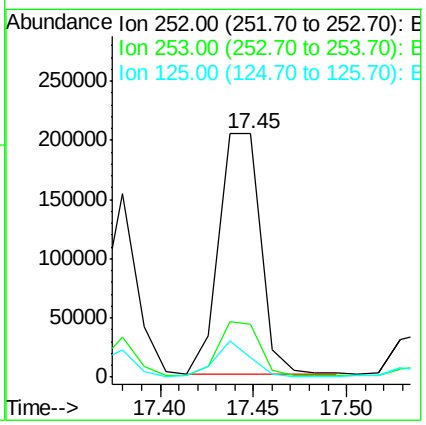


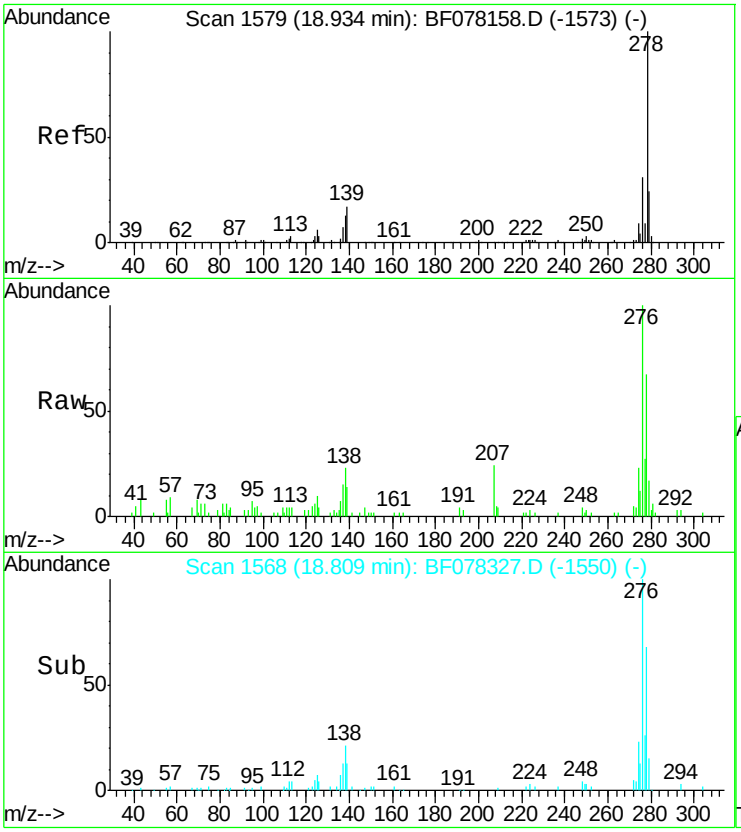


#89
Benzo(a)pyrene
Concen: 36.15 ng
RT: 17.45 min Scan# 1449
Delta R.T. 0.09 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:252 Resp: 316216

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	8.2	7.4	11.0



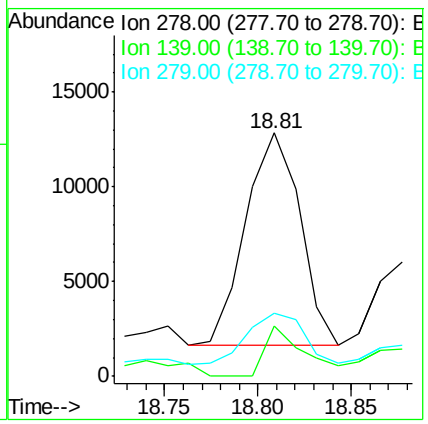


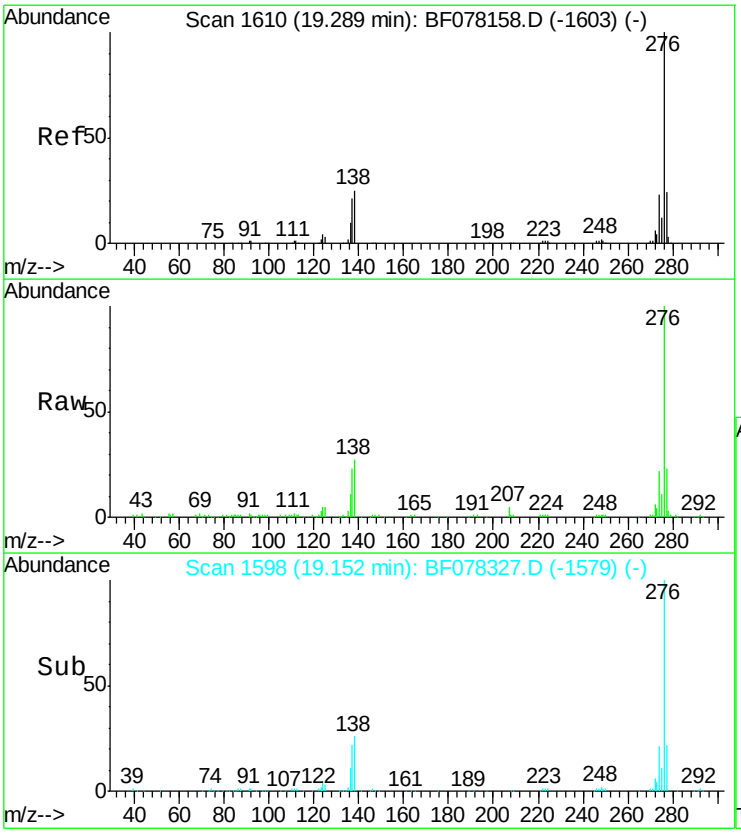
#90
Dibenzo(a,h)anthracene
Concen: 2.61 ng
RT: 18.81 min Scan# 1568
Delta R.T. 0.10 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:278 Resp: 22821

Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.6	20.4#
279	25.9	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 19.04 ng
RT: 19.15 min Scan# 1598
Delta R.T. 0.11 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:276 Resp: 167221

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	26.6	19.9	29.9