Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079968.D
Acq On : 13 Jun 2015 9:41
Operator : TP/IZ
Sample : G2522-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Time: Jun 15 00:56:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	52913	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	123730	20.00	ng		0.01
38) Acenaphthene-d10	10.44	164	112836	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	221672	20.00	ng		-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng		-15.14
86) Perylene-d12	16.97	264	268	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	173918	60.27	ng		0.00
7) Phenol-d6	6.98	99	166428	42.33	ng		0.01
23) Nitrobenzene-d5	7.93	82	325090	173.35	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	146583	129.00	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	813055	100.90	ng		0.00
78) Terphenyl-d14	13.62	244	1006691	0.00	ng		-0.15
Target Compounds							Qvalue
9) Benzaldehyde	6.90	77	82070	36.32	ng	#	1
15) Benzyl Alcohol	7.54	79	11229	3.56	ng	#	37
18) Hexachloroethane	7.91	117	87518	66.51	ng	#	1
22) Acetophenone	7.77	105	39916	13.66	ng	#	79
24) Nitrobenzene	7.99	77	7342	3.68	ng	#	6
31) Naphthalene	8.76	128	20635745	3051.12	ng	#	73
32) Benzoic acid	8.31	122	2018	10.72	ng	#	70
33) 4-Chloroaniline	8.76	127	4533656	1726.98	ng	#	37
37) 2-Methylnaphthalene	9.40	142	3260639	713.58	ng		96
45) 1,1'-Biphenyl	9.85	154	522485	57.22	ng		95
47) 2-Nitroaniline	9.91	65	5072	7.05	ng	#	14
48) Acenaphthylene	10.31	152	924675	70.46	ng		99
50) 2,6-Dinitrotoluene	10.12	165	5147	5.96	ng	#	78
51) Acenaphthene	10.48	154	113503	15.22	ng		99
52) 3-Nitroaniline	10.30	138	270	3.01	ng	#	45
54) Dibenzofuran	10.65	168	35358	3.24	ng		90
55) 4-Nitrophenol	10.47	139	1496	3.56	ng	#	46
56) 2,4-Dinitrotoluene	10.60	165	1472	5.41	ng	#	76
57) Fluorene	10.99	166	355874	37.46	ng		98
61) 4-Nitroaniline	10.99	138	3540	4.69	ng	#	19
70) Phenanthrene	11.98	178	516975	39.13	ng		100
71) Anthracene	12.02	178	59865	4.68	ng		98
72) Carbazole	12.17	167	94046	7.58	ng		98
87) Benzo(b)fluoranthene	16.34	252	944	57.49	ng	#	60
88) Benzo(k)fluoranthene	16.34	252	944	56.37	ng	#	60
89) Benzo(a)pyrene	16.75	252	1254	80.30	ng	#	60
91) Benzo(g,h,i)perylene	19.53	276	206	12.97	ng	#	51

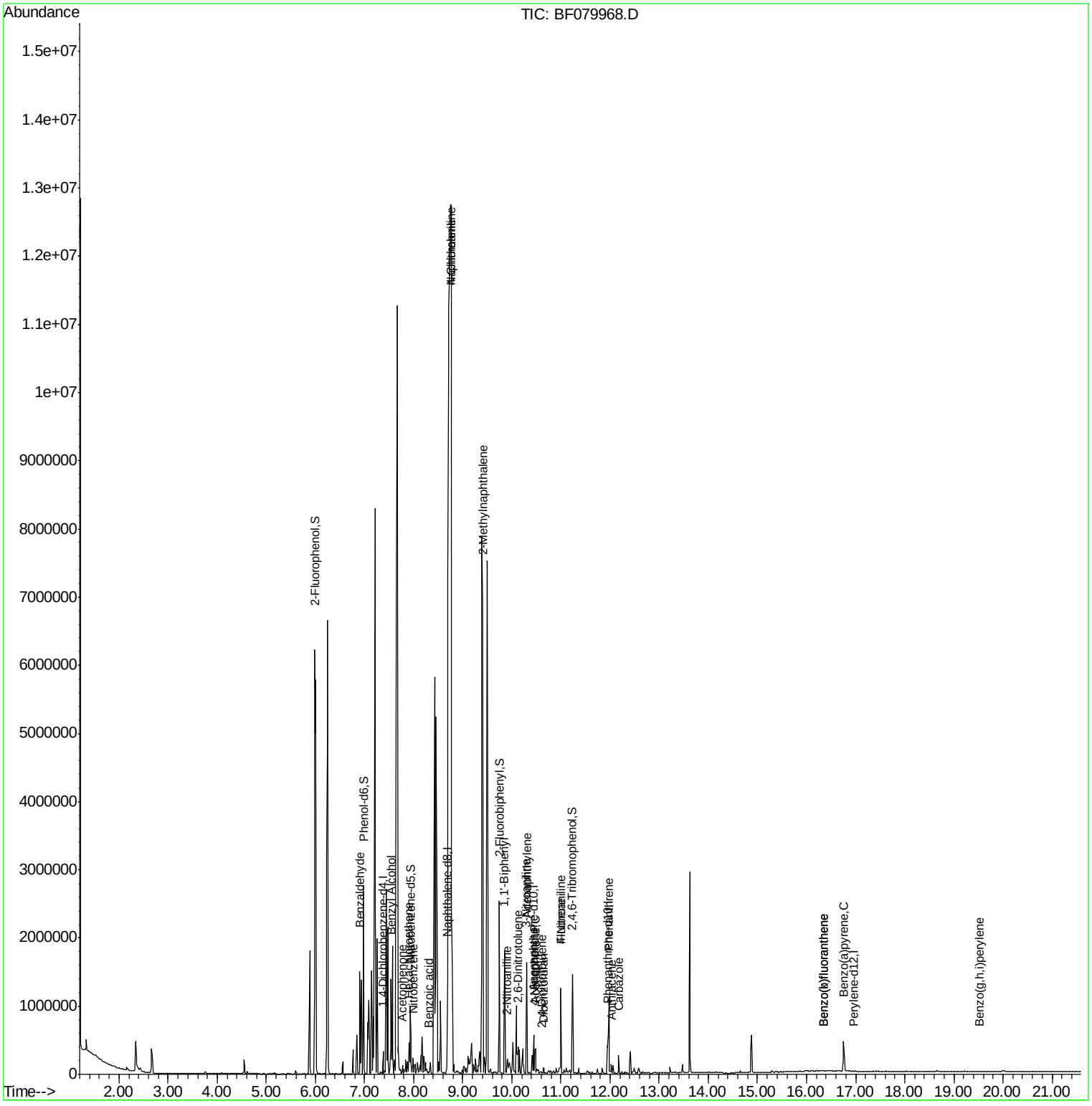
(#) = qualifier out of range (m) = manual integration (+) = signals summed

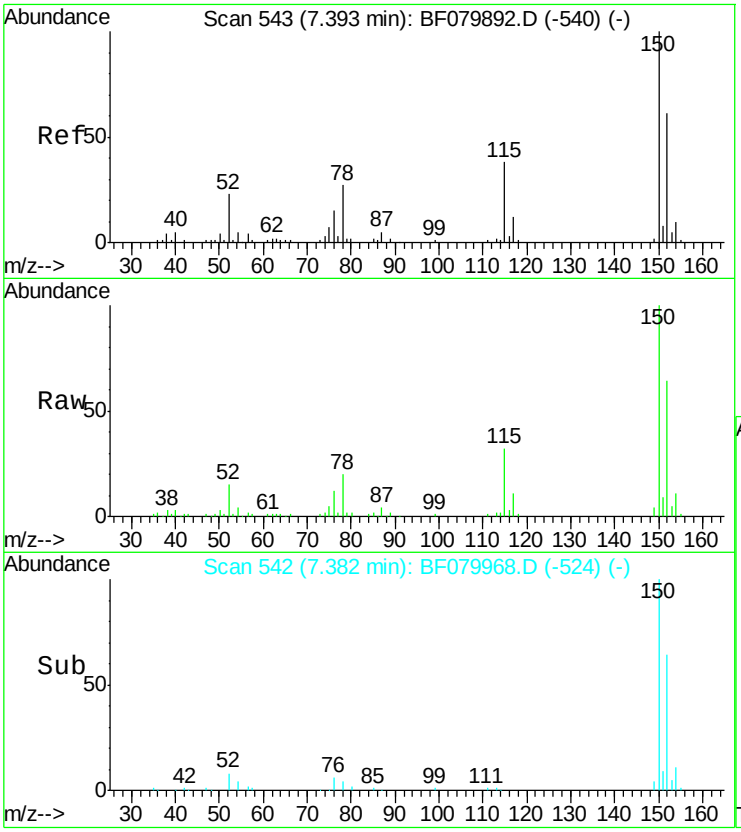
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079968.D
Acq On : 13 Jun 2015 9:41
Operator : TP/IZ
Sample : G2522-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C

Quant Time: Jun 15 00:56:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration



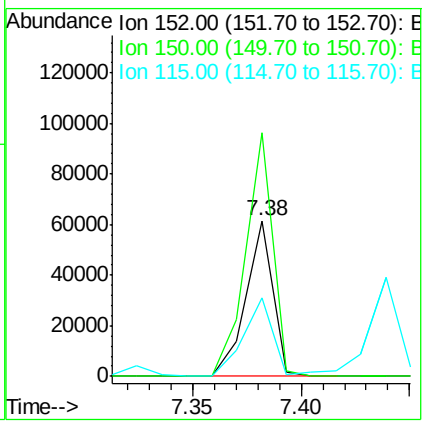


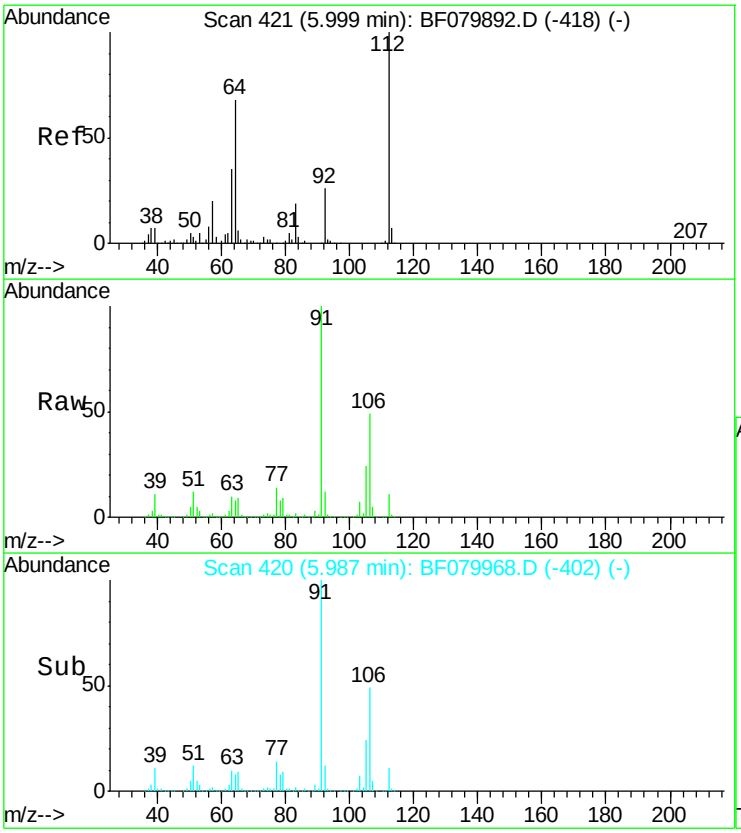
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:152 Resp: 52913

Ion	Ratio	Lower	Upper
152	100		
150	156.8	131.0	196.4
115	50.1	49.8	74.6

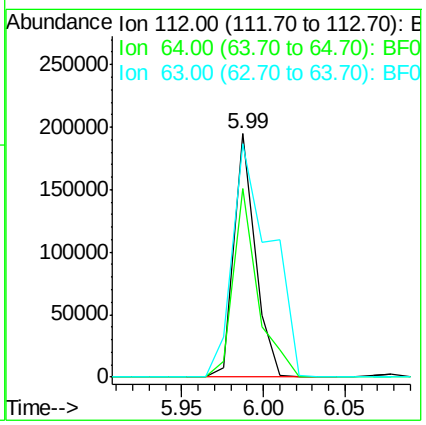


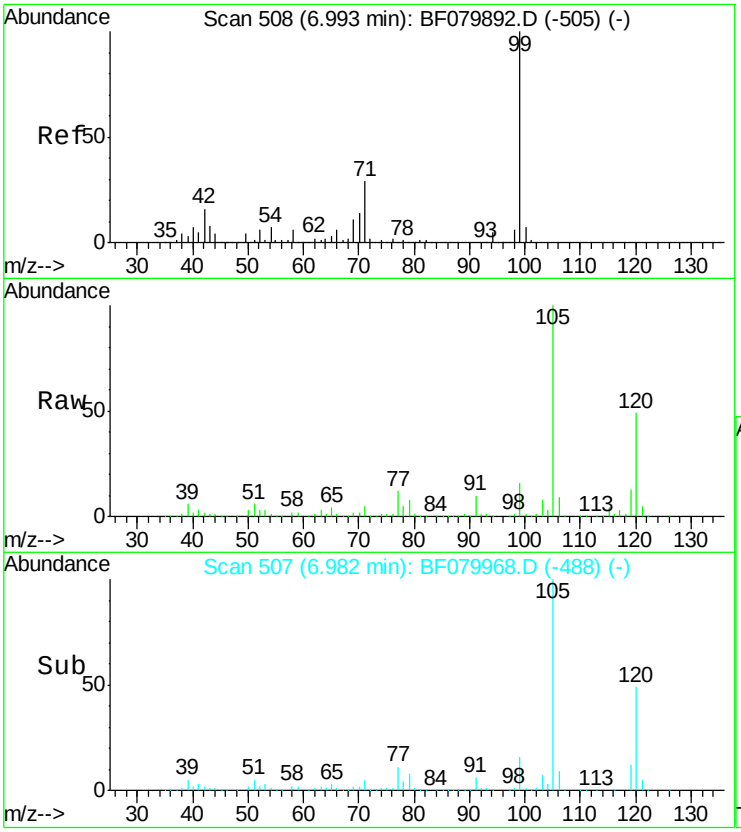


#5
2-Fluorophenol
Concen: 60.27 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:112 Resp: 173918

Ion	Ratio	Lower	Upper
112	100		
64	77.6	54.5	81.7
63	95.7	27.9	41.9#



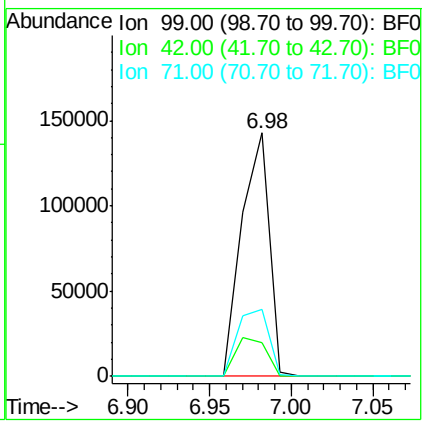


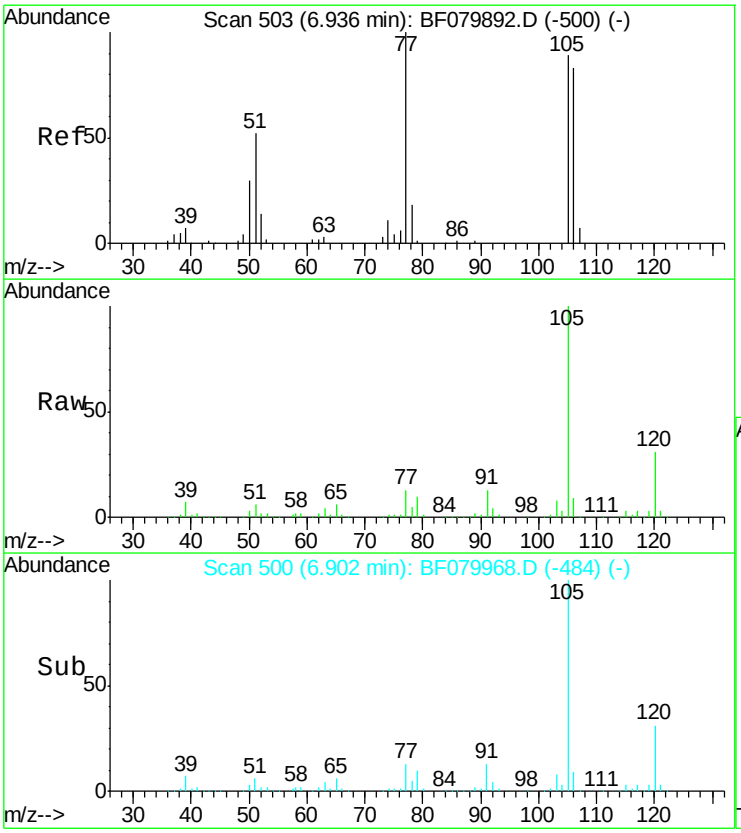
#7
Phenol-d6
Concen: 42.33 ng
RT: 6.98 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 99 Resp: 166428

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.9	19.3
71	27.5	23.4	35.2

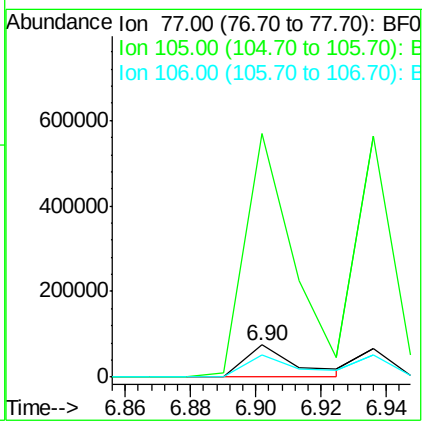


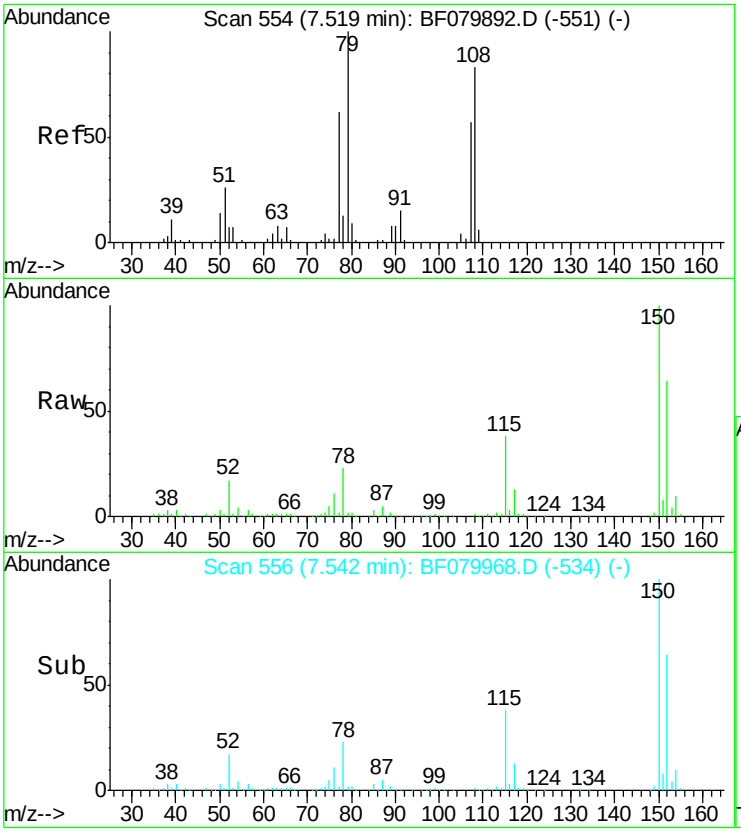


#9
Benzaldehyde
Concen: 36.32 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion: 77 Resp: 82070

Ion	Ratio	Lower	Upper
77	100		
105	753.9	68.6	108.6#
106	69.5	63.3	103.3



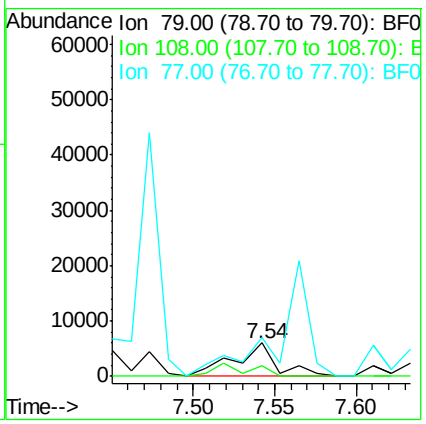


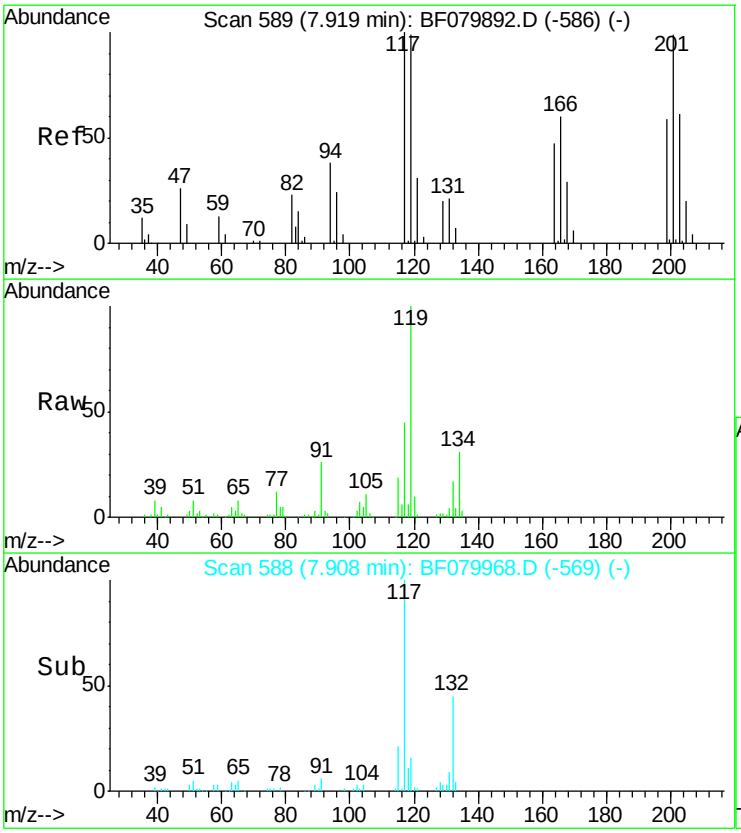
#15
Benzyl Alcohol
Concen: 3.56 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.05 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 79 Resp: 11229

Ion	Ratio	Lower	Upper
79	100		
108	33.4	66.4	99.6#
77	117.5	49.4	74.0#

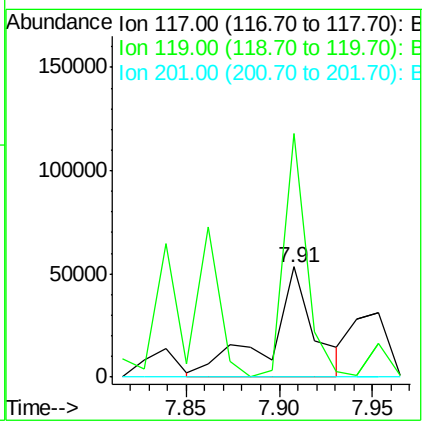


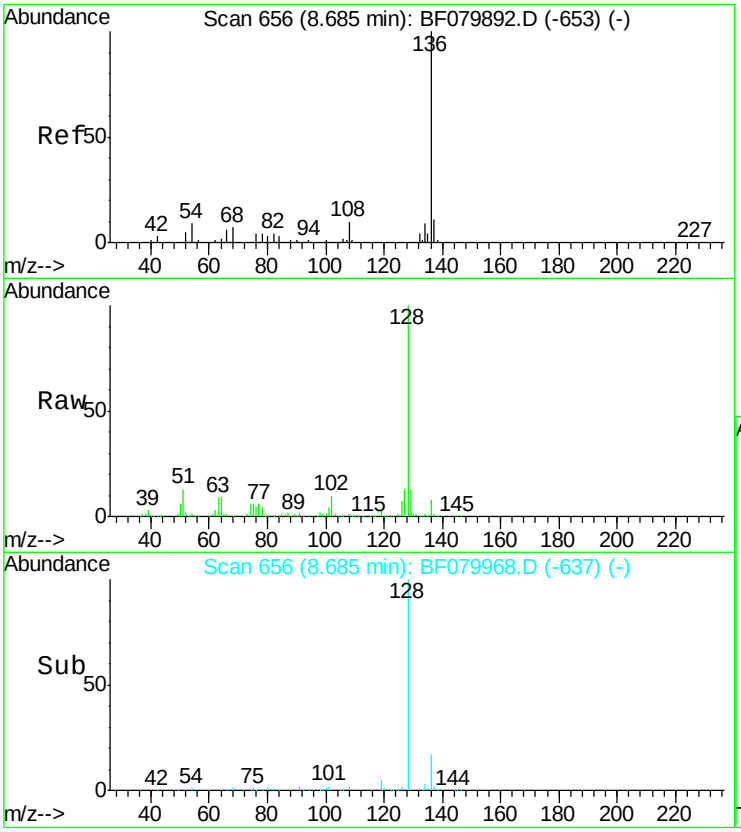


#18
Hexachloroethane
Concen: 66.51 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:117 Resp: 87518

Ion	Ratio	Lower	Upper
117	100		
119	221.4	79.0	118.6#
201	0.0	79.0	118.6#



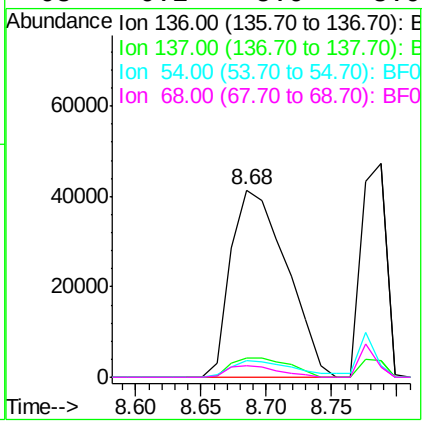


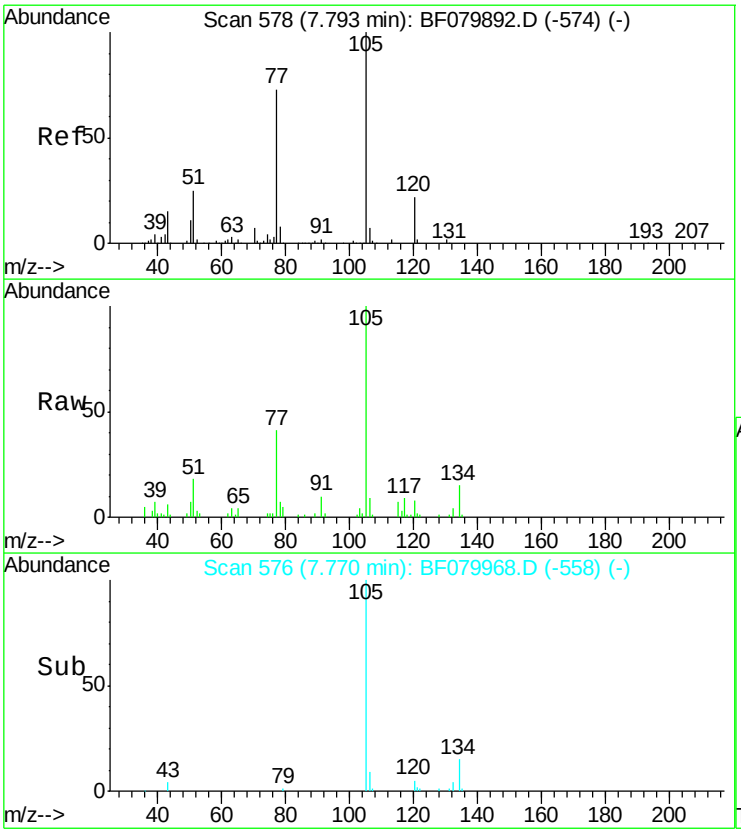
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:136 Resp: 123730

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.1	7.3	10.9
68	6.2	5.9	8.9

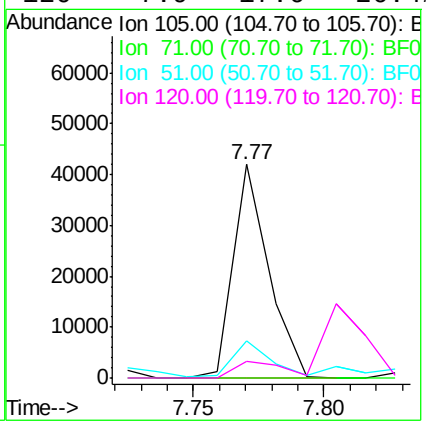


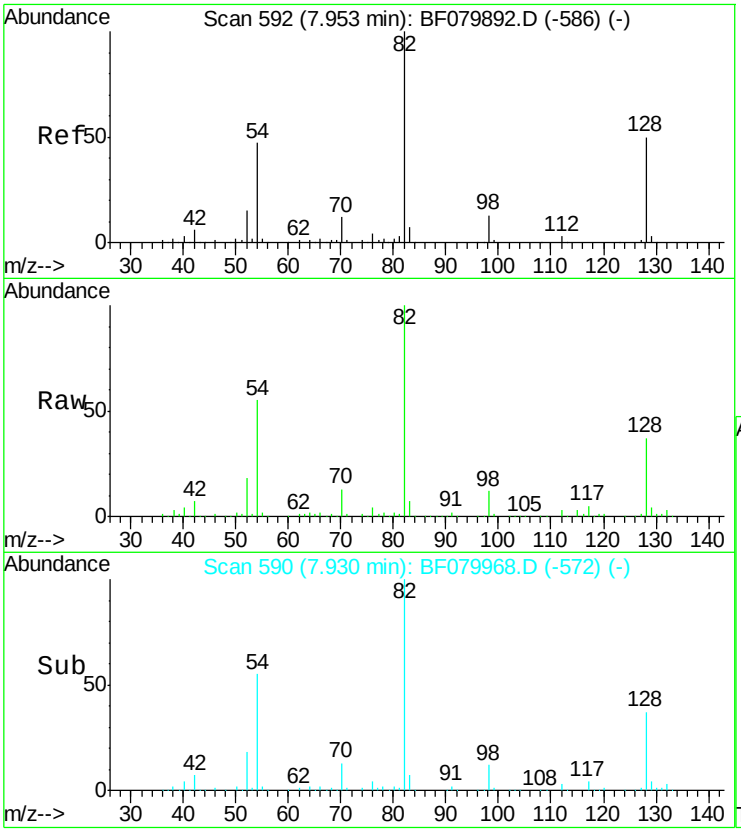


#22
Acetophenone
Concen: 13.66 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:105 Resp: 39916

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.0	1.4#
51	17.6	19.8	29.6#
120	7.9	17.6	26.4#



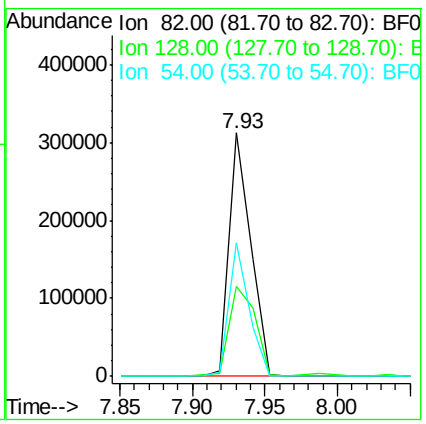


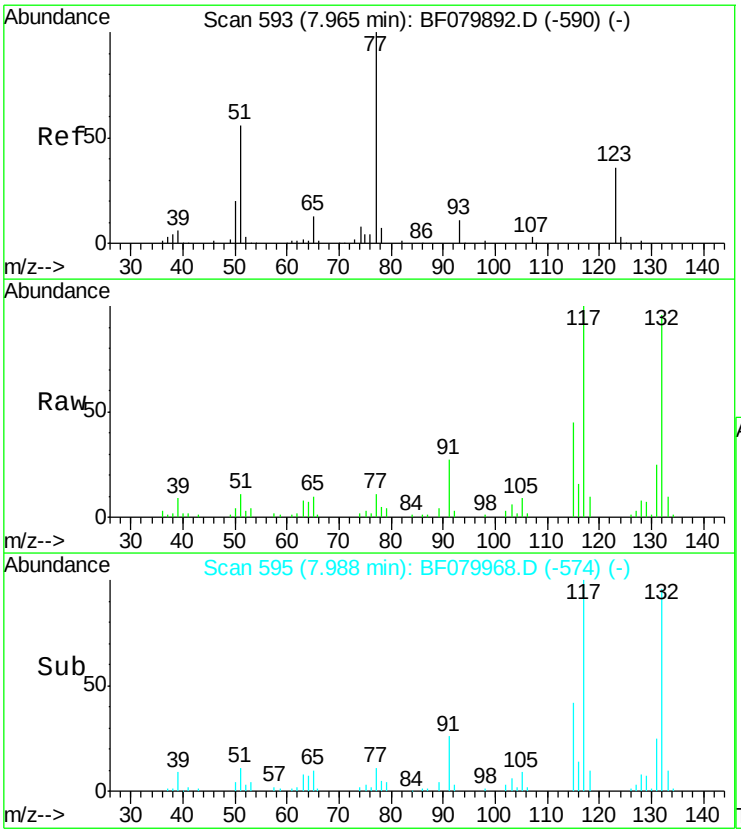
#23
Nitrobenzene-d5
Concen: 173.35 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 82 Resp: 325090

Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.3	60.5#
54	54.8	38.0	57.0

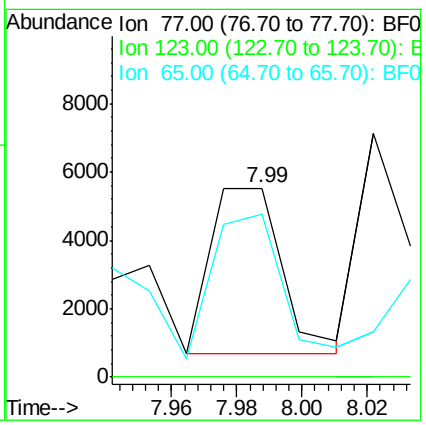


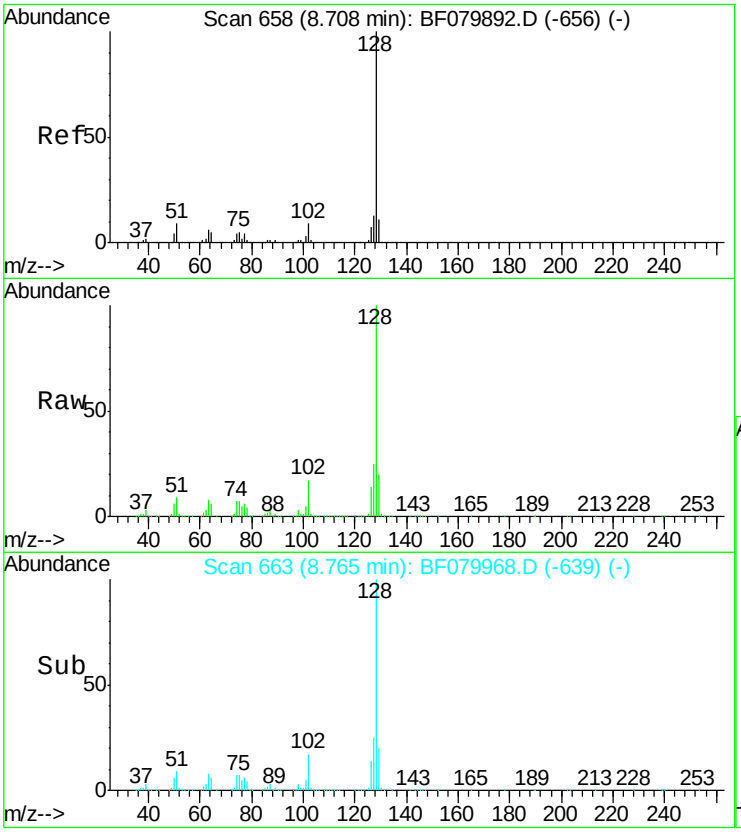


#24
Nitrobenzene
Concen: 3.68 ng
RT: 7.99 min Scan# 595
Delta R.T. 0.03 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion: 77 Resp: 7342

Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.8	43.2#
65	86.5	10.3	15.5#



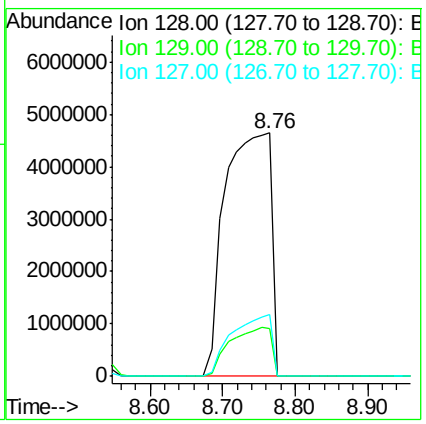


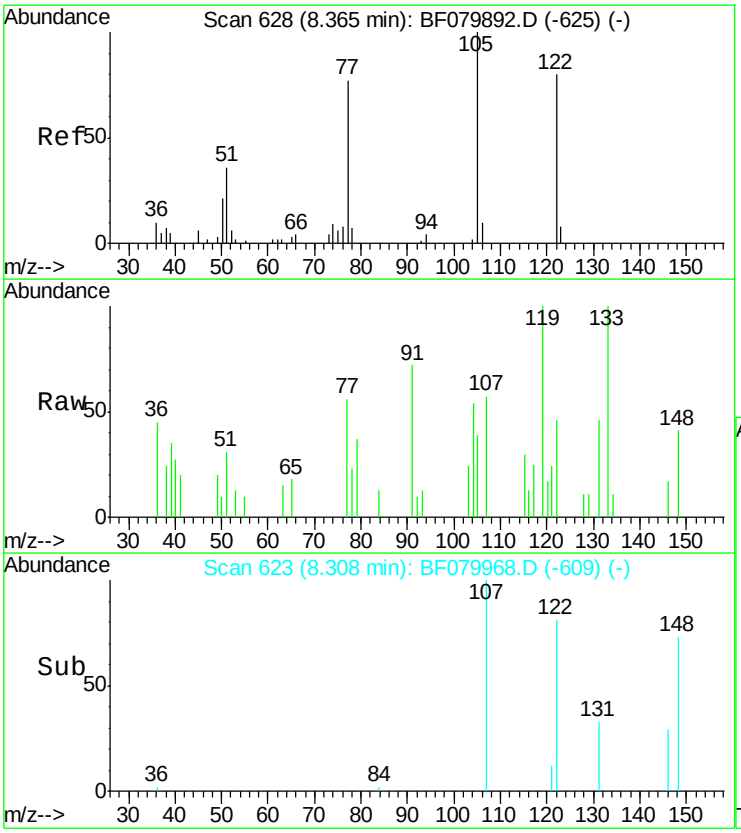
#31
Naphthalene
Concen: 3051.12 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.07 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:128 Resp:20635745

Ion	Ratio	Lower	Upper
128	100		
129	19.7	8.8	13.2#
127	25.5	10.5	15.7#

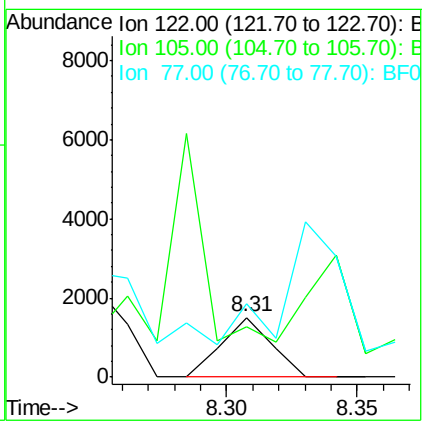


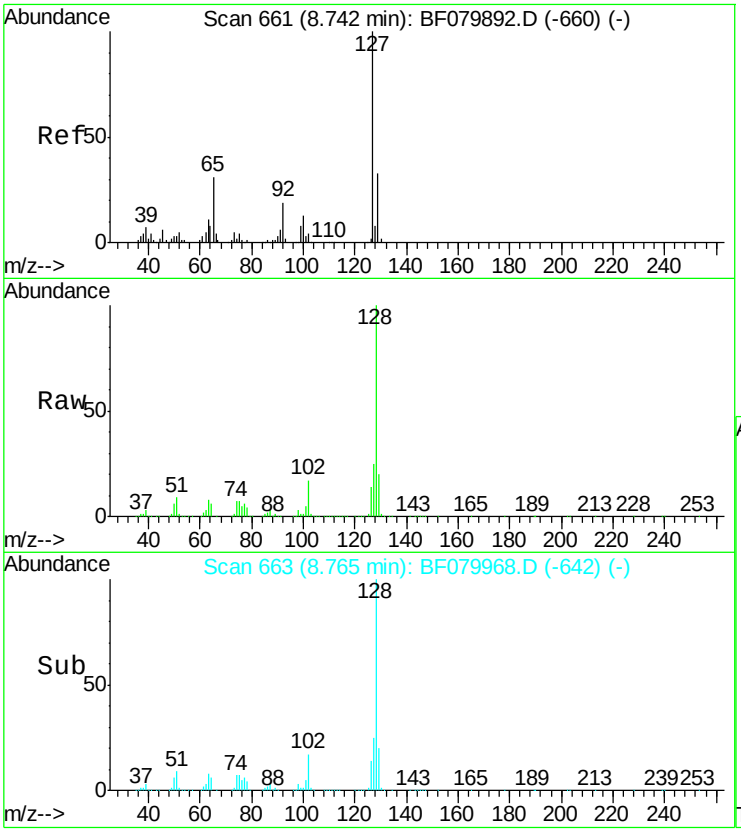


#32
Benzoic acid
Concen: 10.72 ng
RT: 8.31 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:122 Resp: 2018

Ion	Ratio	Lower	Upper
122	100		
105	85.5	102.7	142.7#
77	122.7	77.1	117.1#



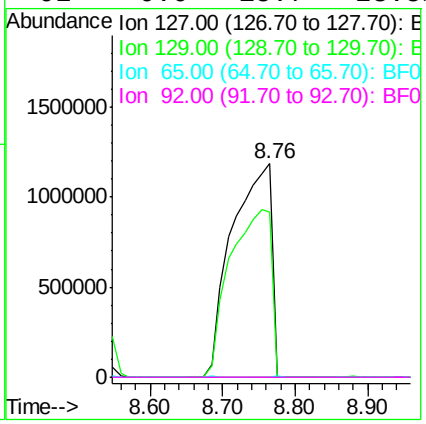


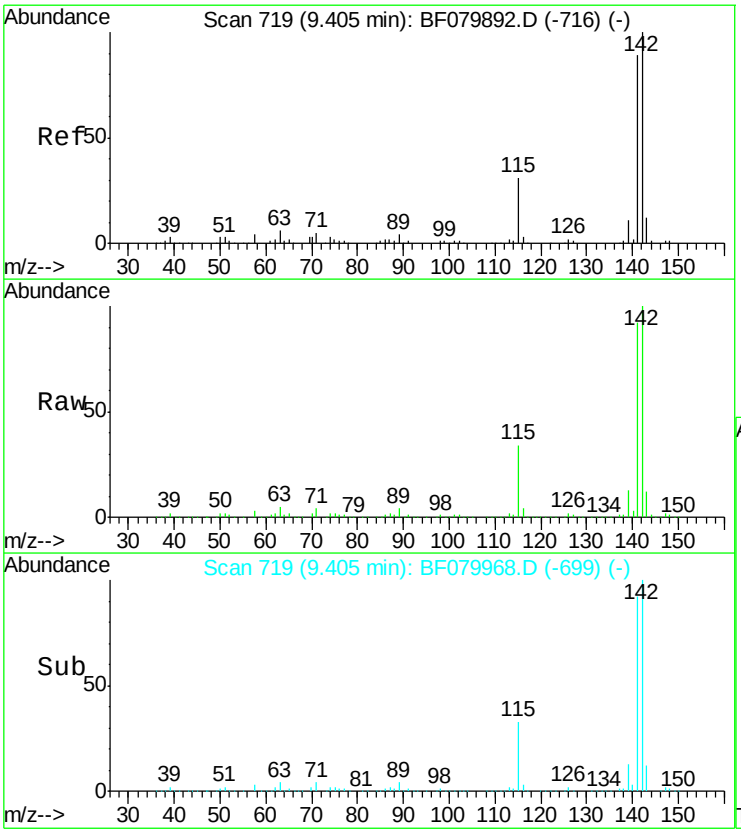
#33
4-Chloroaniline
Concen: 1726.98 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.03 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:127 Resp: 4533656

Ion	Ratio	Lower	Upper
127	100		
129	77.4	26.1	39.1#
65	0.0	25.5	38.3#
92	0.0	15.7	23.5#

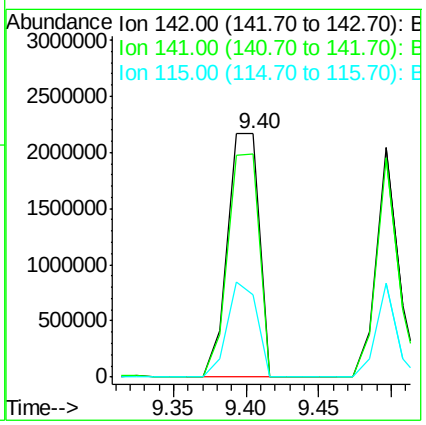


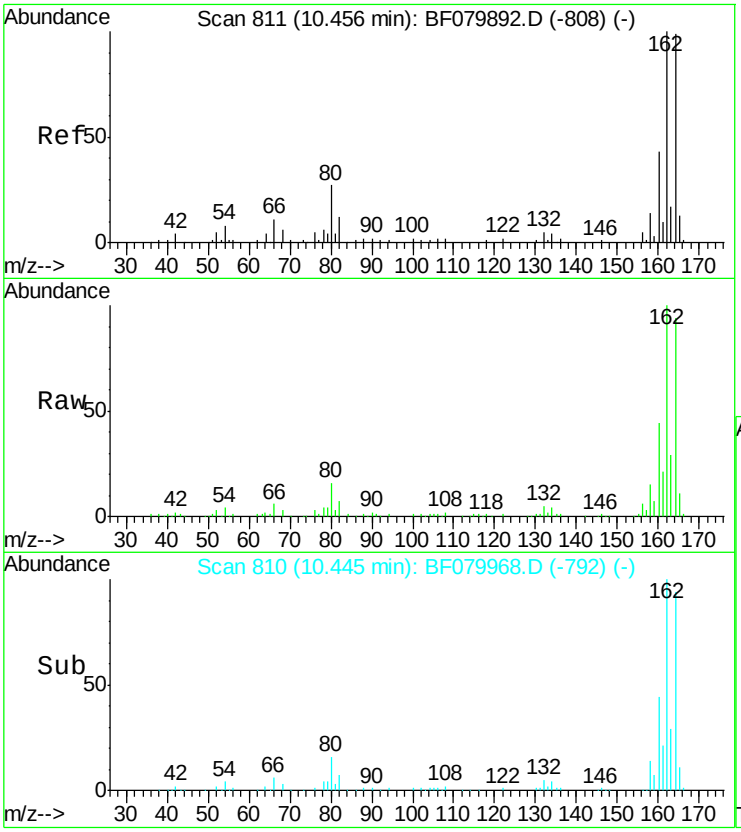


#37
2-Methylnaphthalene
Concen: 713.58 ng
RT: 9.40 min Scan# 719
Delta R.T. 0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:142 Resp: 3260639

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.9	106.3
115	33.7	25.0	37.4



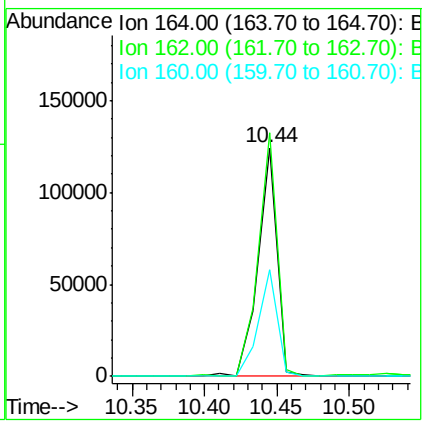


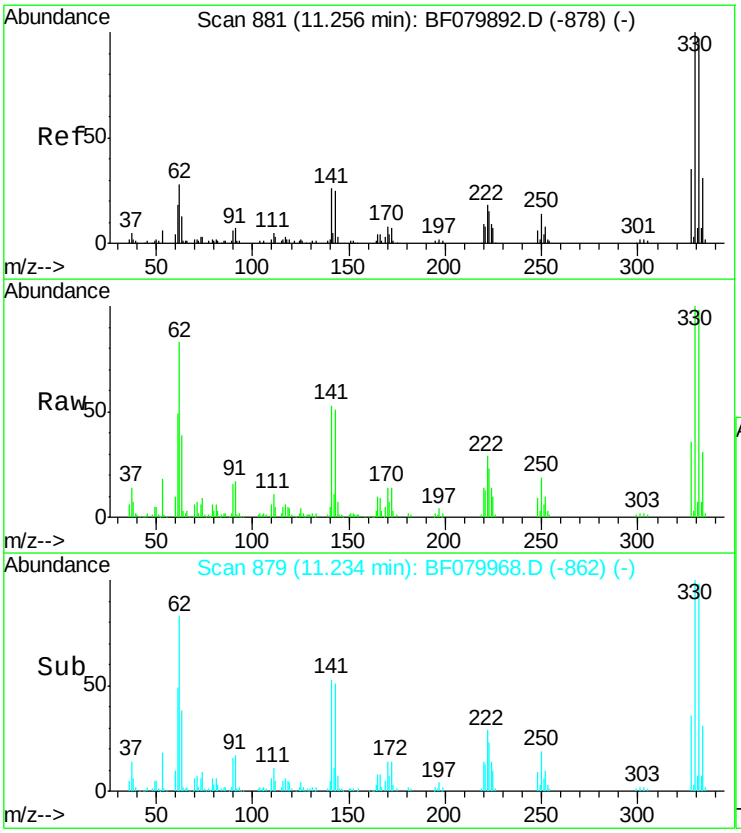
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:164 Resp: 112836

Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.7	121.1
160	46.4	34.6	51.8

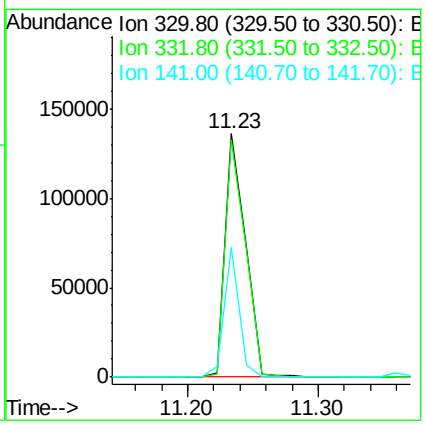


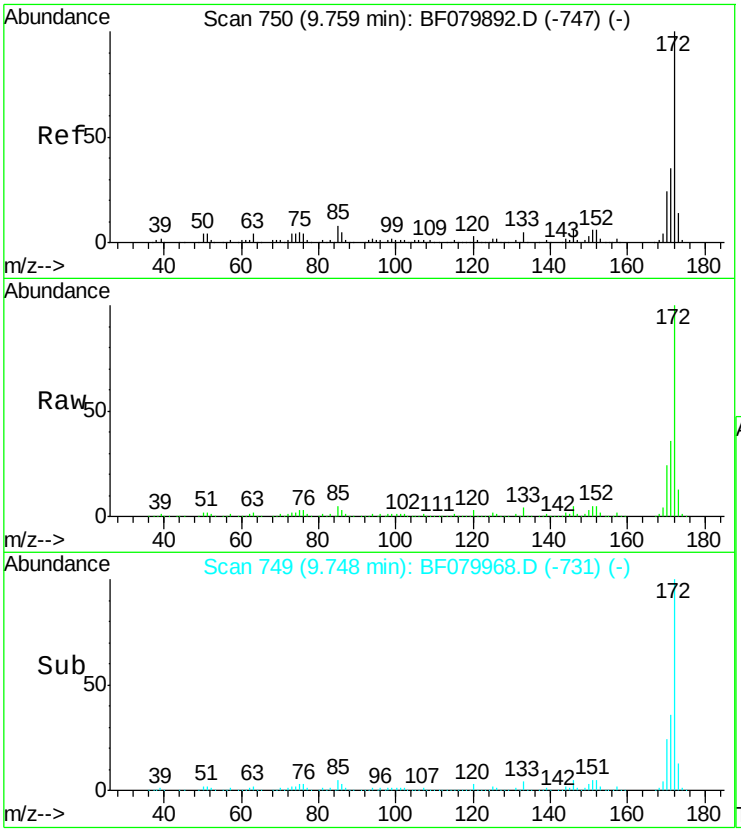


#41
2,4,6-Tribromophenol
Concen: 129.00 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:330 Resp: 146583

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	40.8	26.8	40.2#



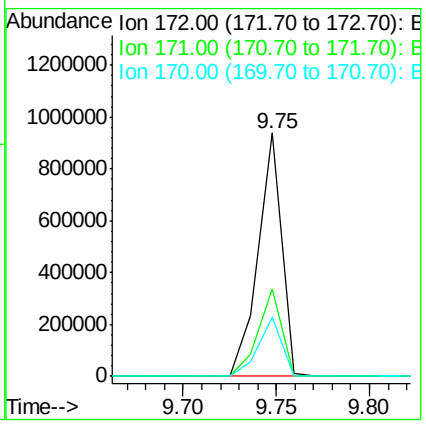


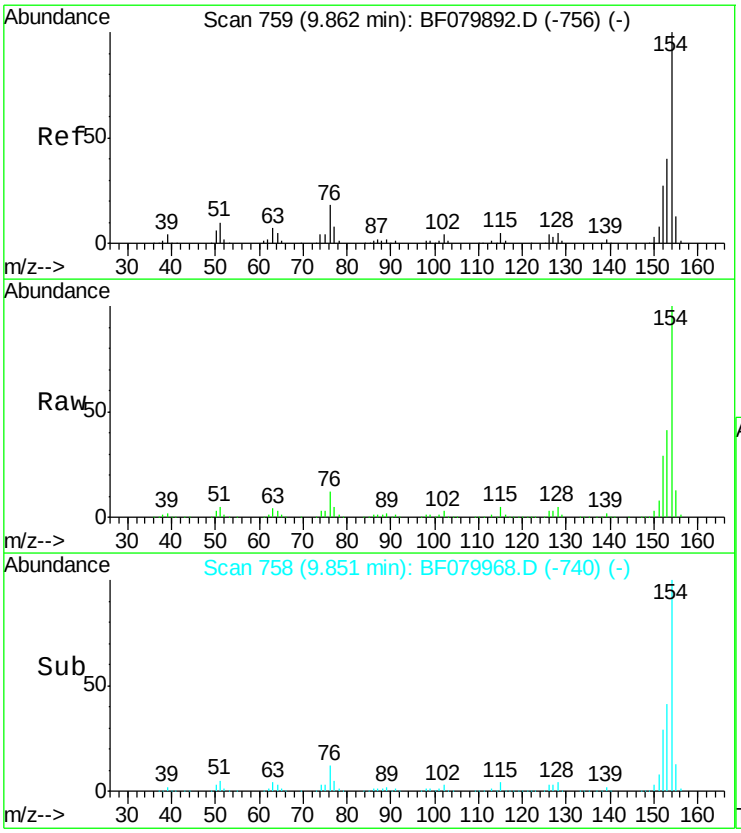
#44
2-Fluorobiphenyl
Concen: 100.90 ng
RT: 9.75 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:172 Resp: 813055

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	24.5	19.0	28.4

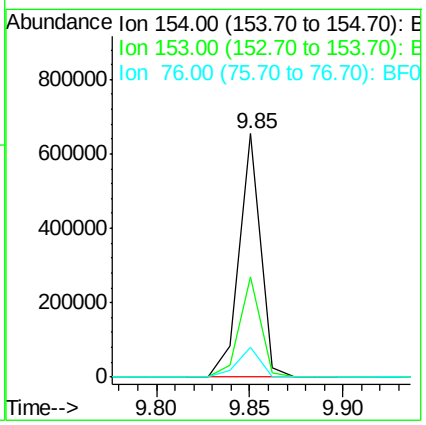


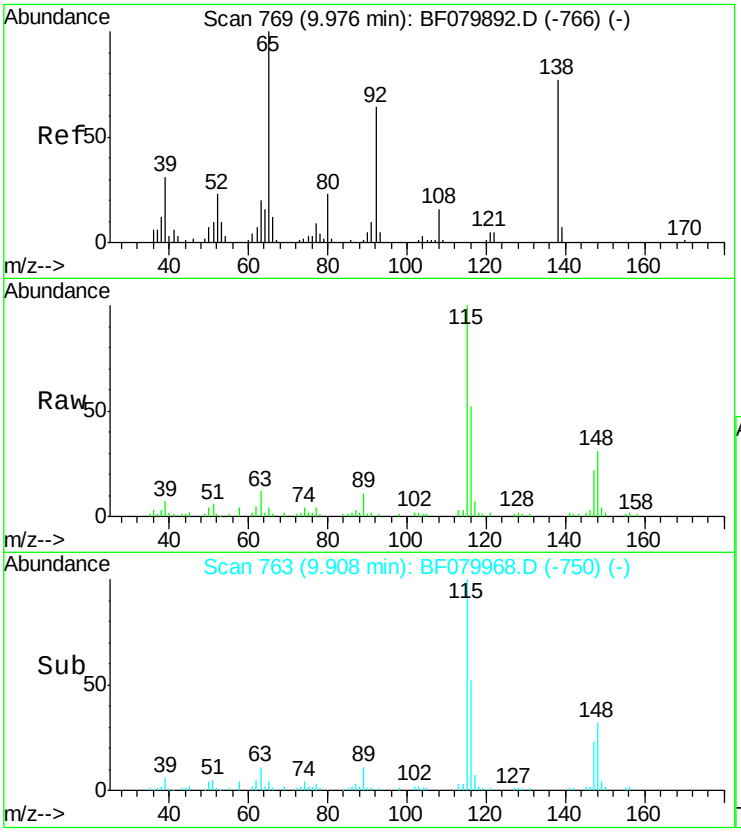


#45
1,1'-Biphenyl
Concen: 57.22 ng
RT: 9.85 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:154 Resp: 522485

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.1	60.1
76	12.3	0.0	38.4



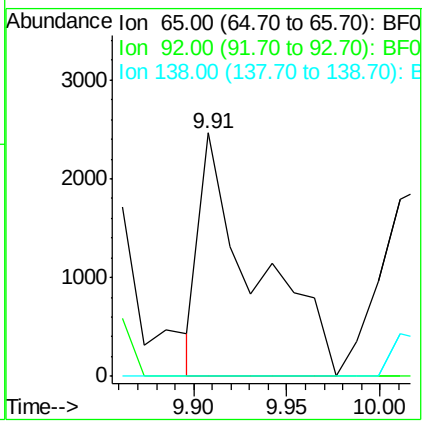


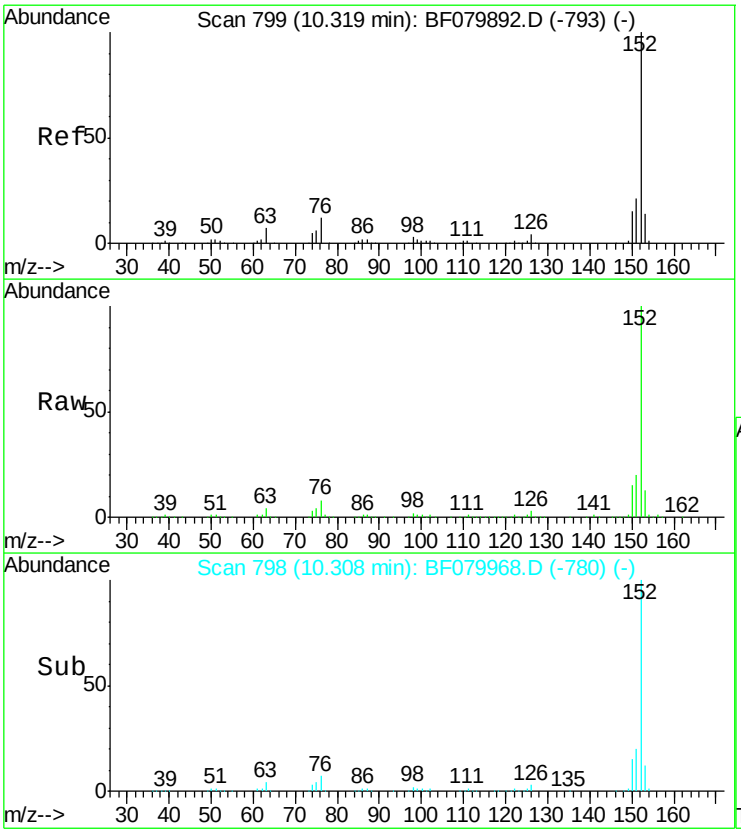
#47
2-Nitroaniline
Concen: 7.05 ng
RT: 9.91 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 65 Resp: 5072

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.1	76.7#
138	0.0	62.0	93.0#

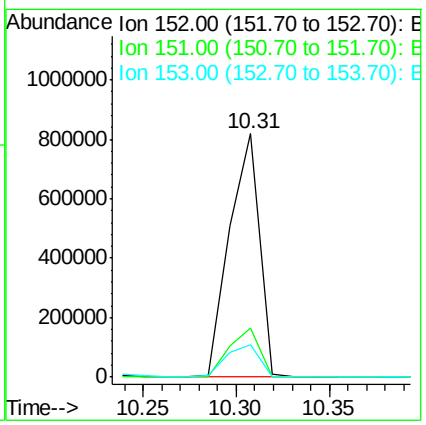


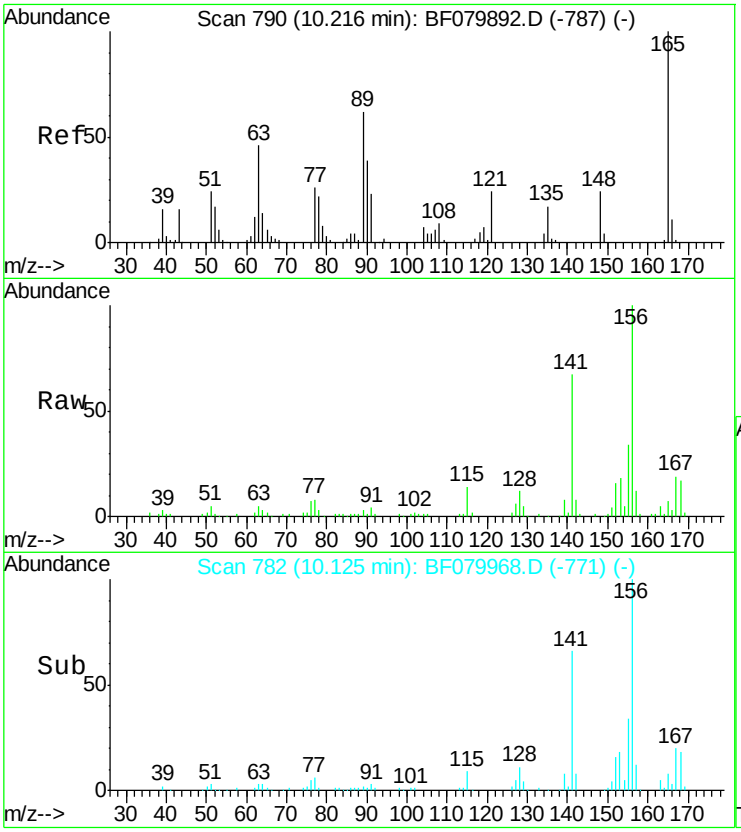


#48
Acenaphthylene
Concen: 70.46 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:152 Resp: 924675

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.4	10.8	16.2



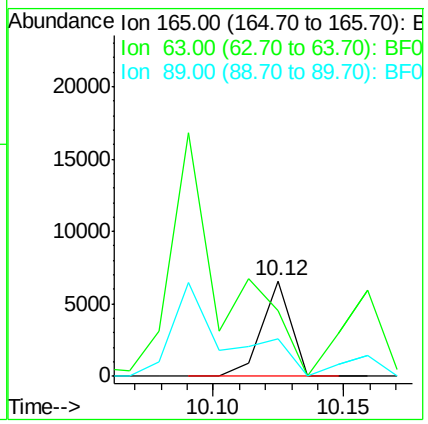


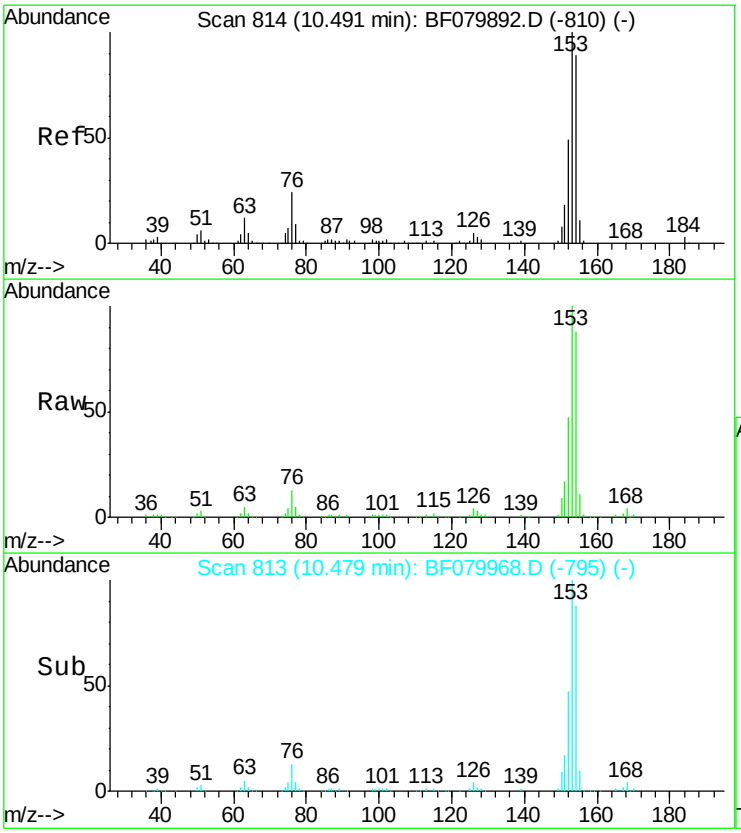
#50
2,6-Dinitrotoluene
Concen: 5.96 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:165 Resp: 5147

Ion	Ratio	Lower	Upper
165	100		
63	68.4	46.4	69.6
89	39.1	49.6	74.4#

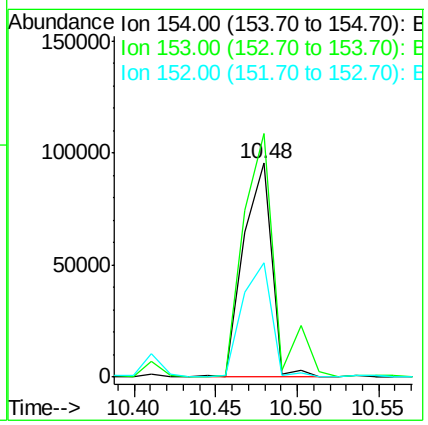


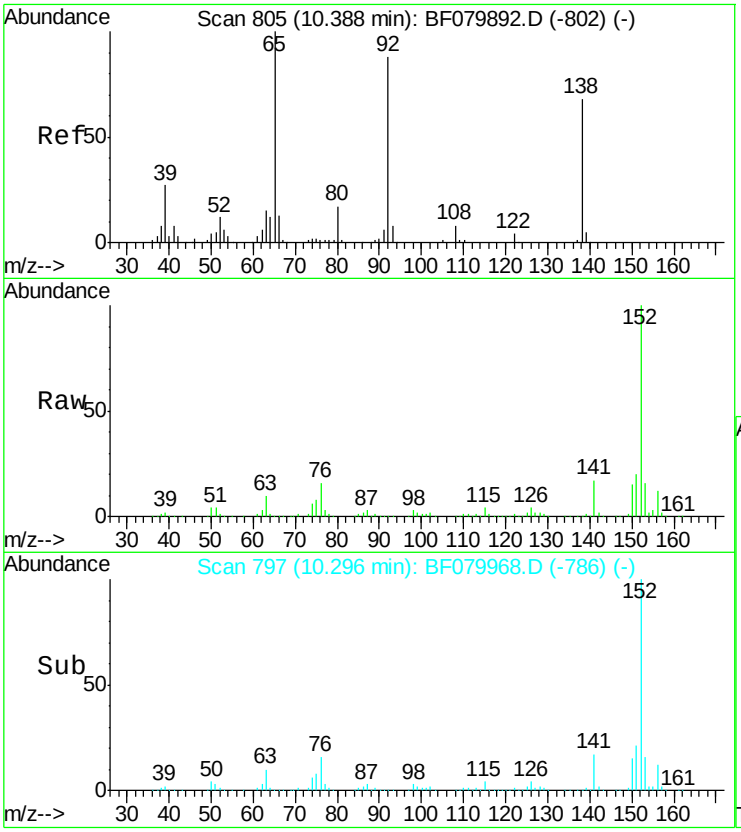


#51
Acenaphthene
Concen: 15.22 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:154 Resp: 113503

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.0	135.0
152	53.7	43.7	65.5



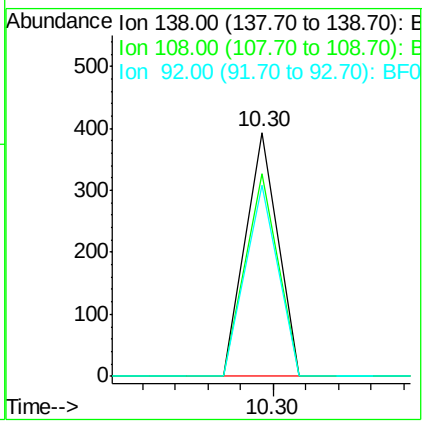


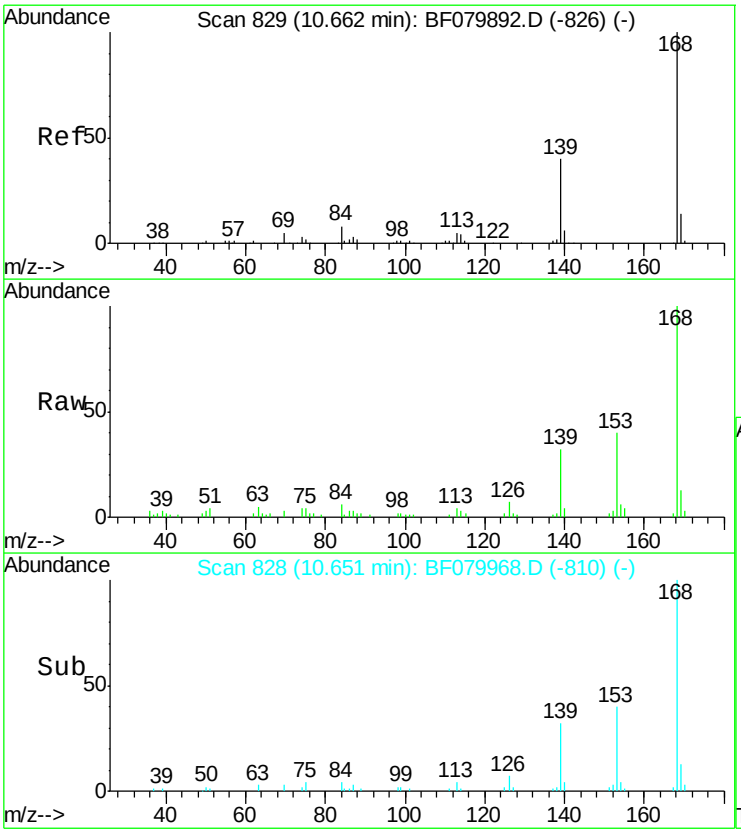
#52
3-Nitroaniline
Concen: 3.01 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:138 Resp: 270

Ion	Ratio	Lower	Upper
138	100		
108	83.2	9.0	13.6#
92	78.6	103.1	154.7#

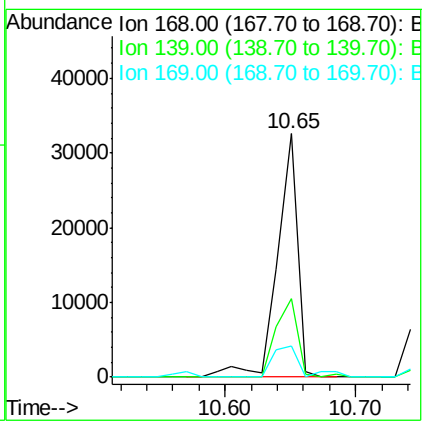


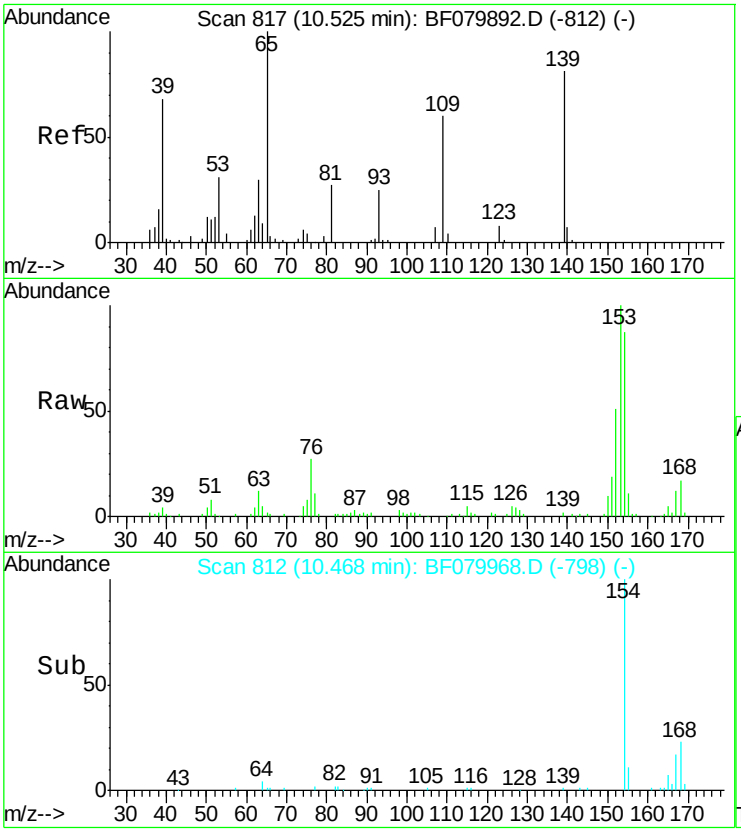


#54
Dibenzofuran
Concen: 3.24 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:168 Resp: 35358

Ion	Ratio	Lower	Upper
168	100		
139	32.3	32.2	48.2
169	12.8	11.0	16.6



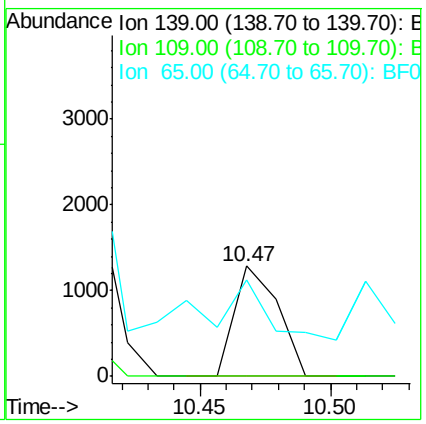


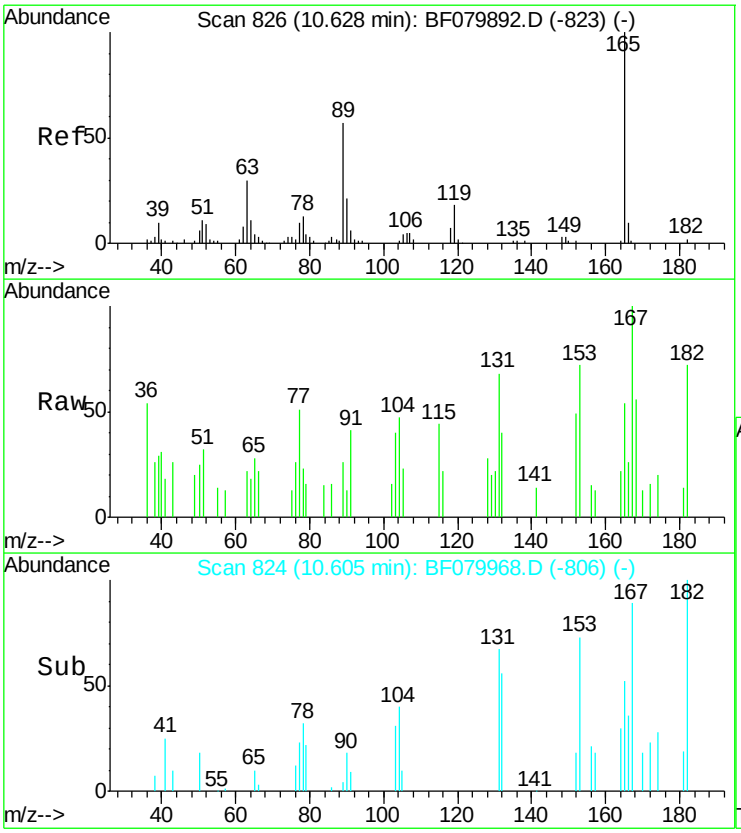
#55
4-Nitrophenol
Concen: 3.56 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:139 Resp: 1496

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.8	94.8#
65	87.3	104.8	144.8#

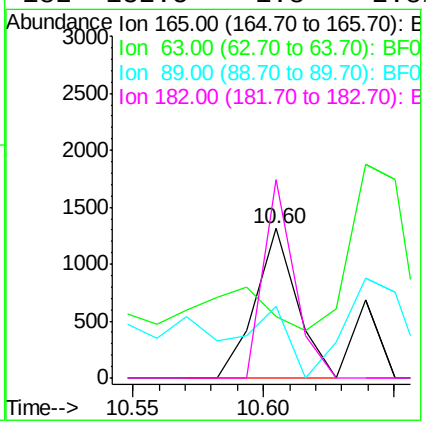


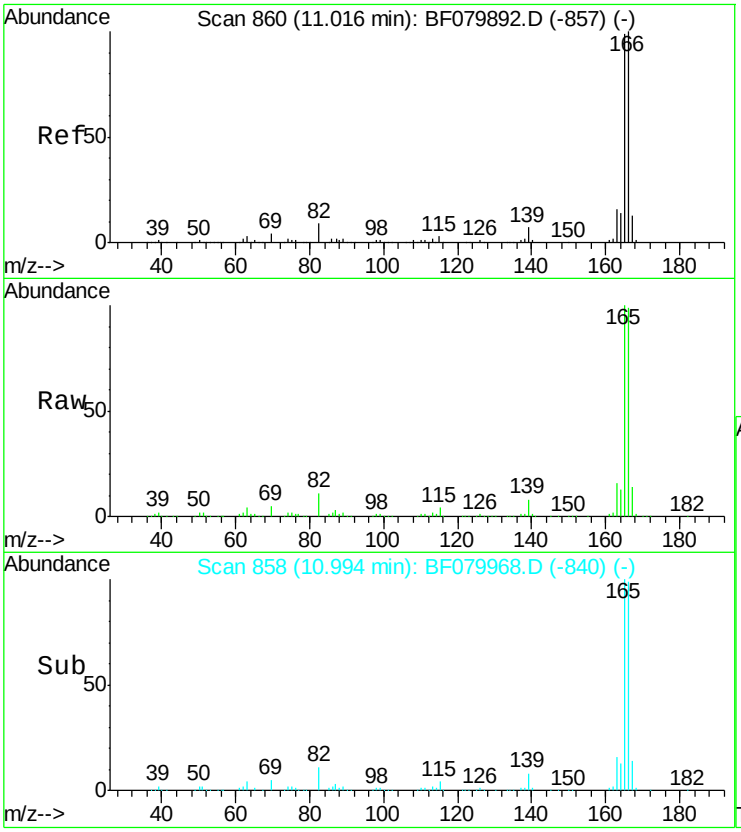


#56
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:165 Resp: 1472

Ion	Ratio	Lower	Upper
165	100		
63	41.1	24.3	36.5#
89	48.3	45.4	68.2
182	132.5	1.8	2.8#



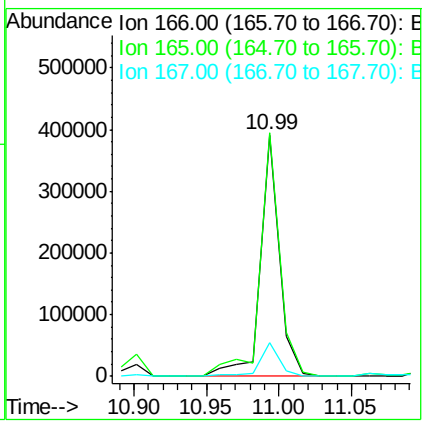


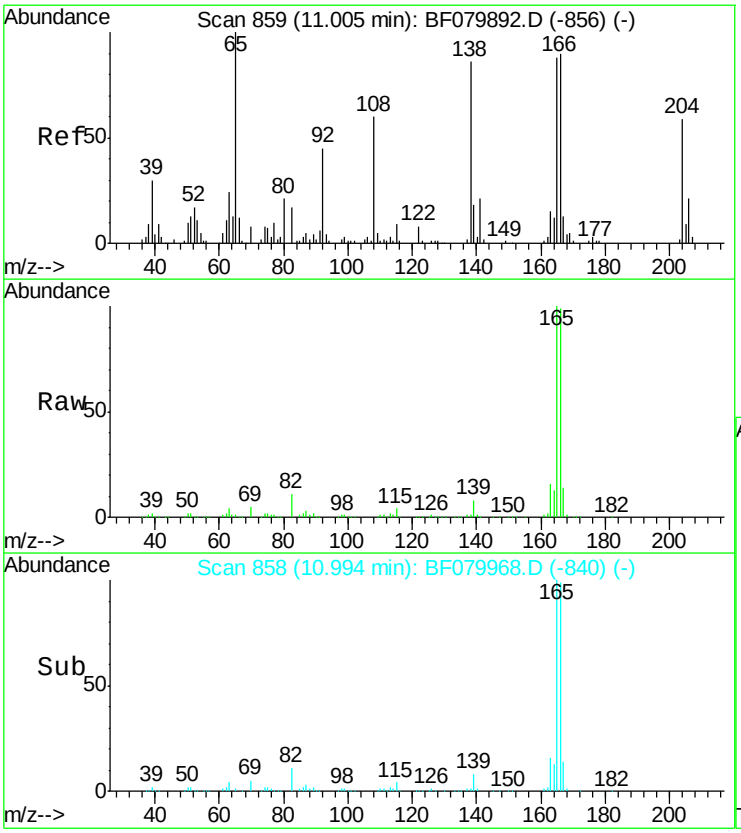
#57
Fluorene
Concen: 37.46 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:166 Resp: 355874

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.0	118.6
167	13.7	10.3	15.5

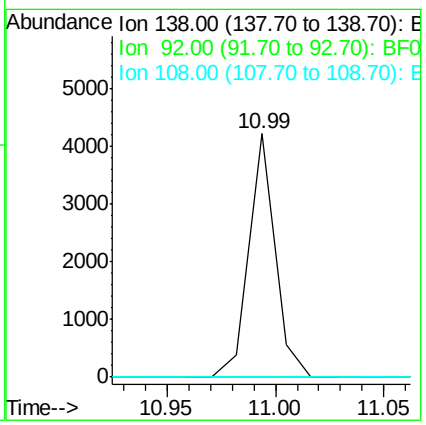


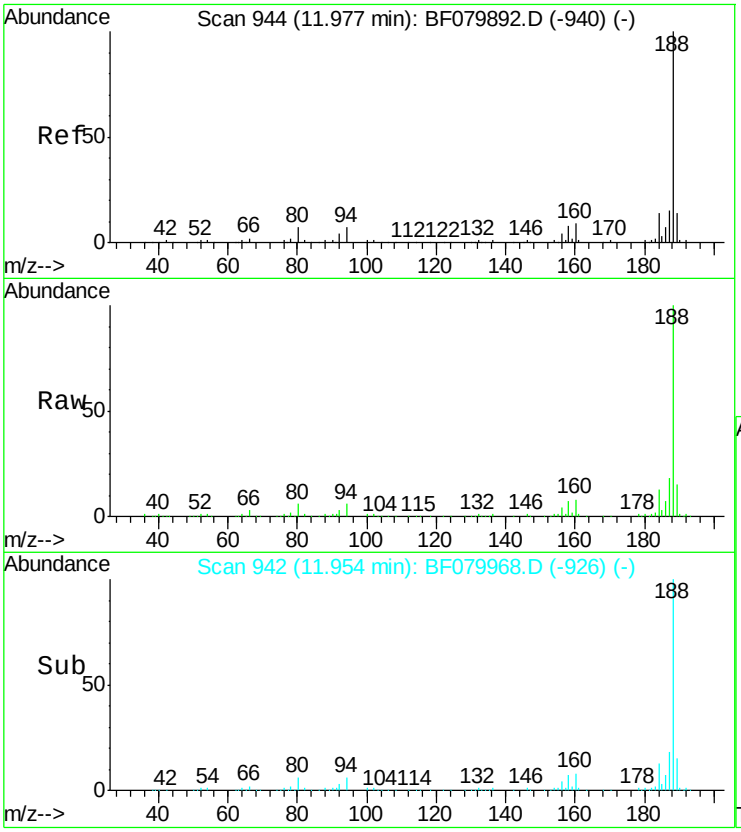


#61
4-Nitroaniline
Concen: 4.69 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:138 Resp: 3540

Ion	Ratio	Lower	Upper
138	100		
92	0.0	32.9	72.9#
108	0.0	50.4	90.4#



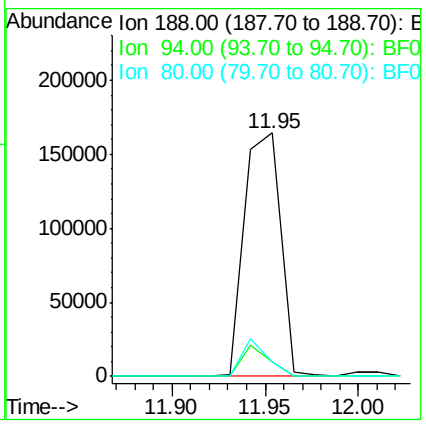


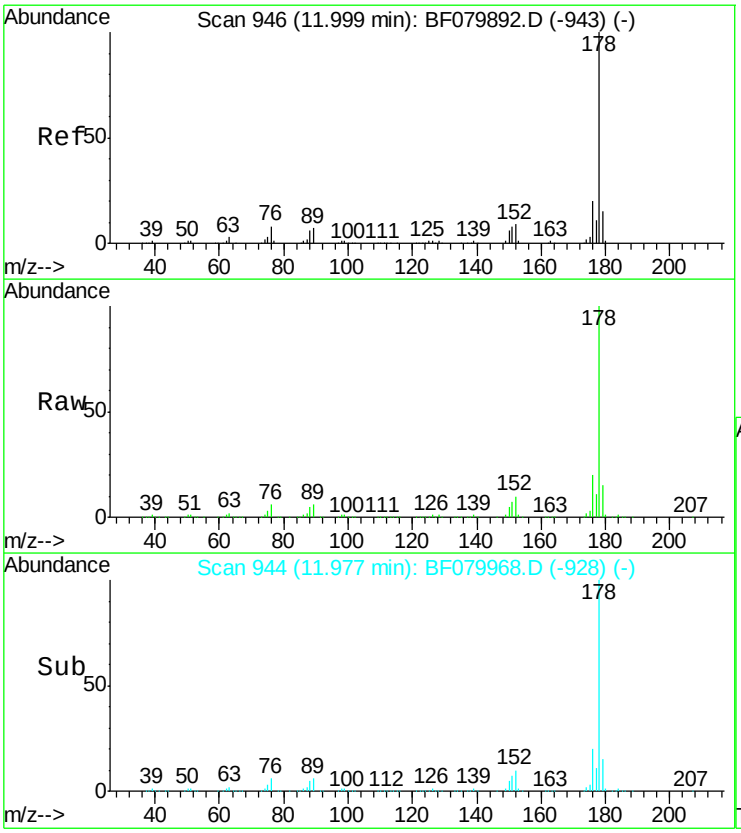
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:188 Resp: 221672

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	6.2	5.9	8.9

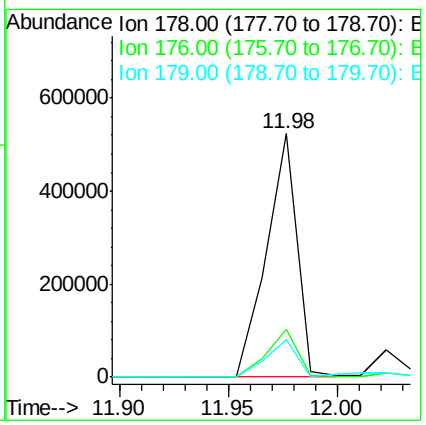


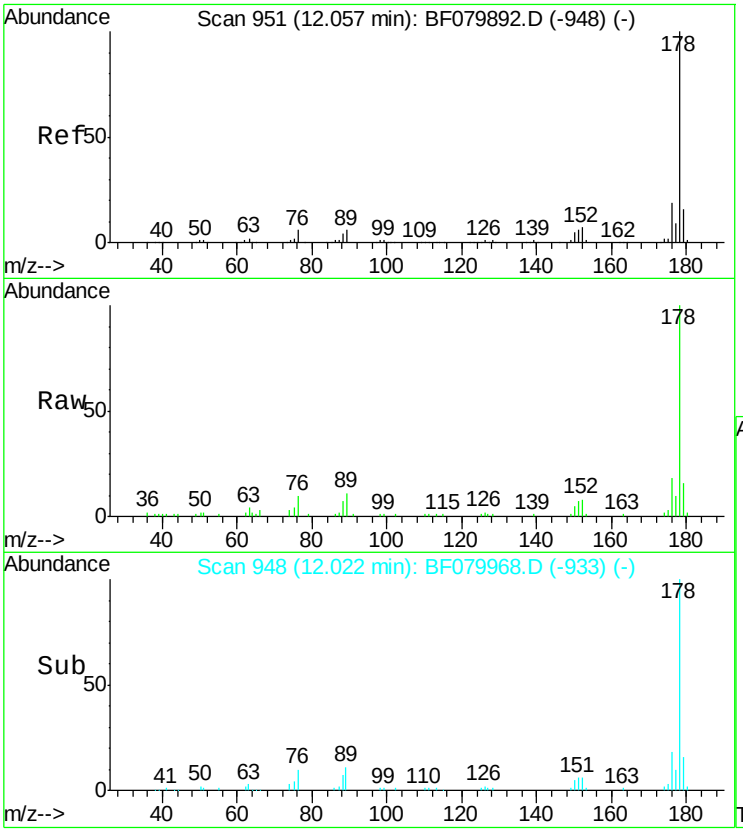


#70
Phenanthrene
Concen: 39.13 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:178 Resp: 516975

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.2	12.3	18.5



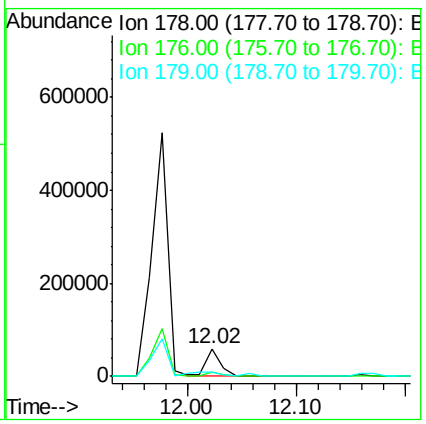


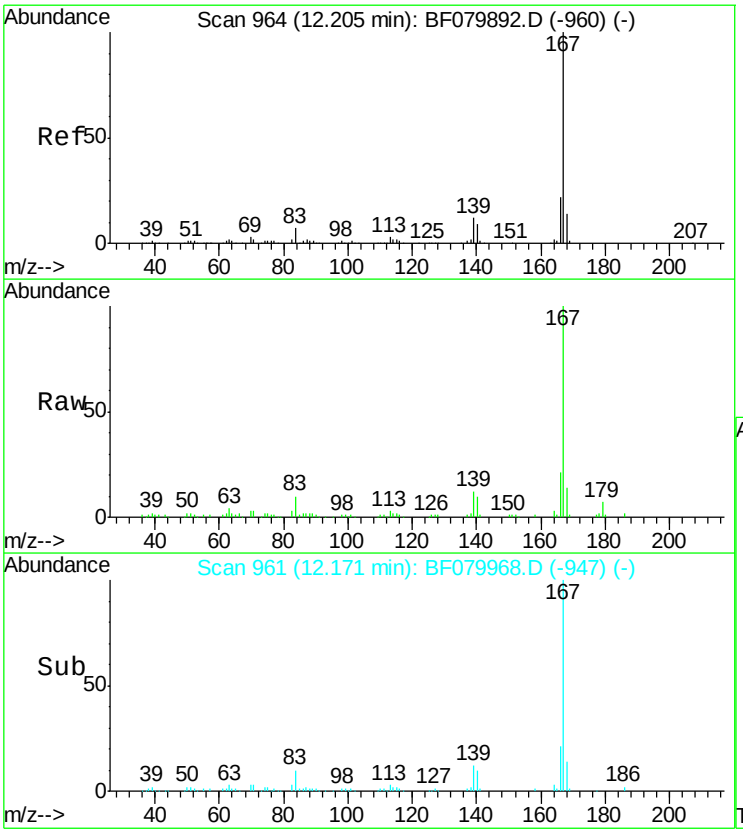
#71
Anthracene
Concen: 4.68 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:178 Resp: 59865

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	15.9	12.5	18.7

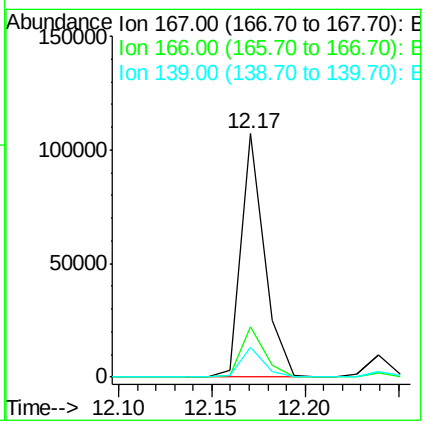


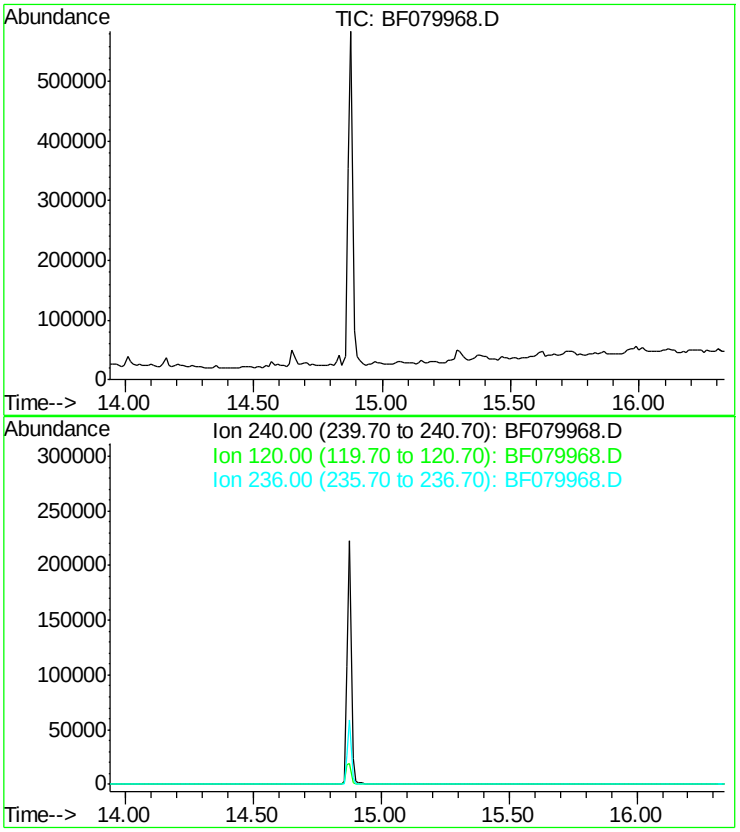


#72
Carbazole
Concen: 7.58 ng
RT: 12.17 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:167 Resp: 94046

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.2
139	12.4	9.5	14.3





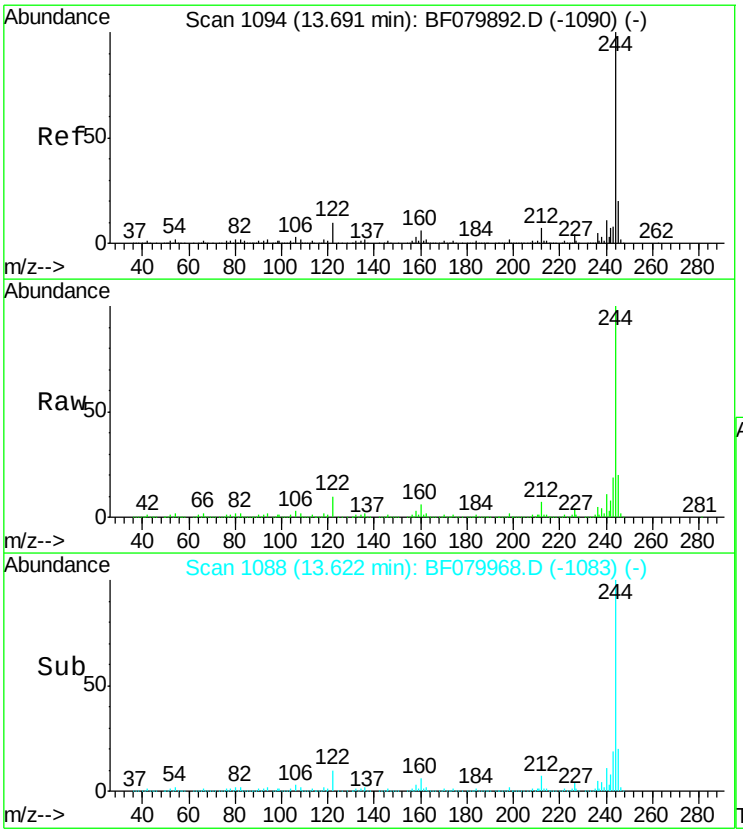
#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 15.14 min

Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	11.8
236	24.5

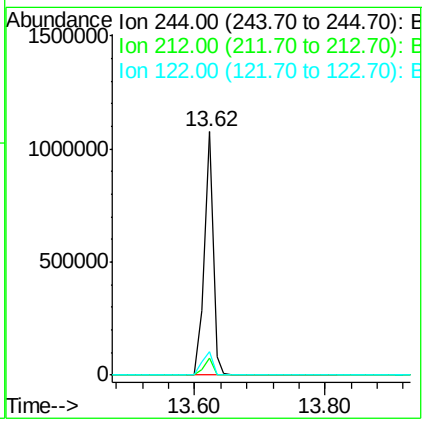
Instrument :
BNA_F
ClientSampleId :
MW-11C

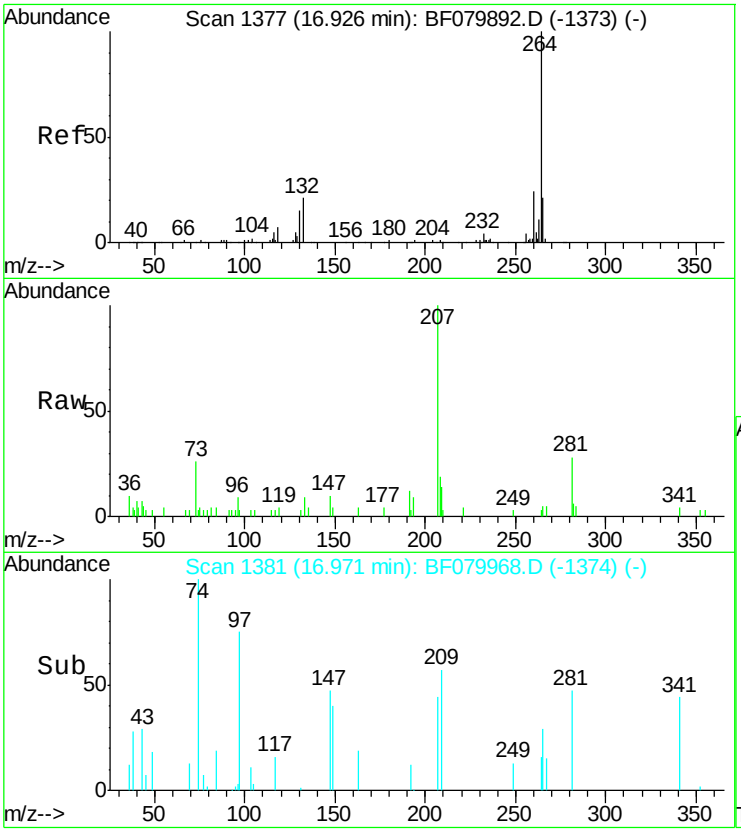


#78
Terphenyl-d14
Concen: 0.00 ng
RT: 13.62 min Scan# 1088
Delta R.T. -0.15 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:244 Resp: 1006691

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.8	7.8	11.8



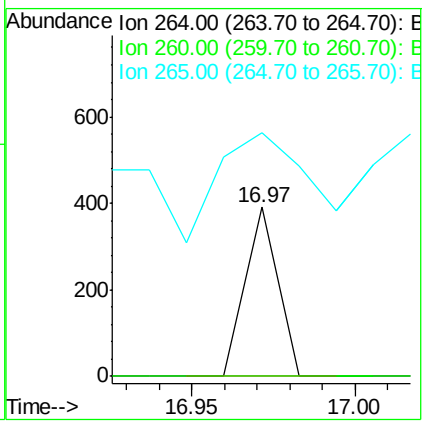


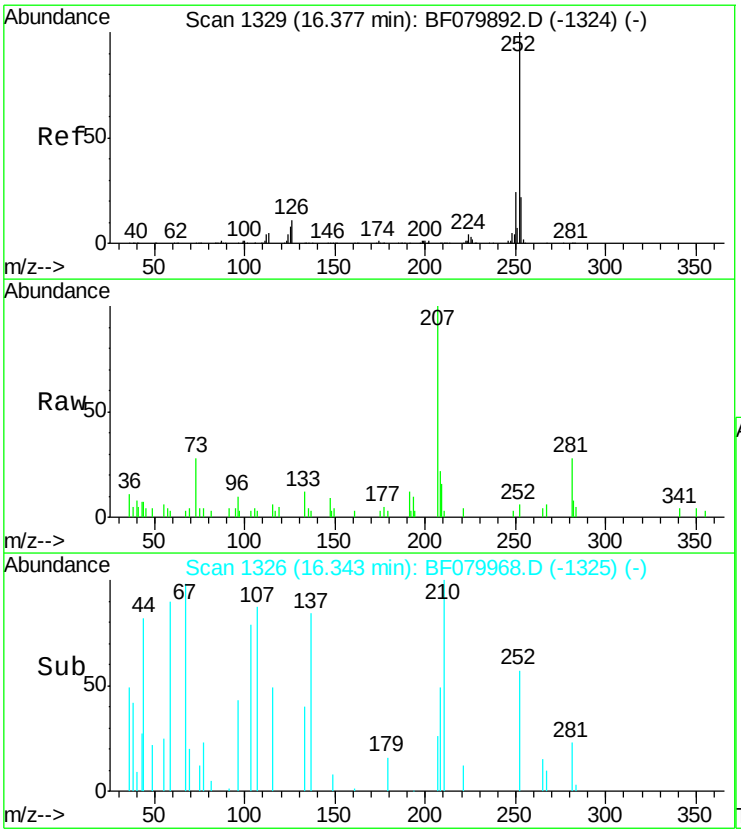
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1381
Delta R.T. -0.13 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:264 Resp: 268

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.3	28.9#
265	144.0	17.0	25.6#

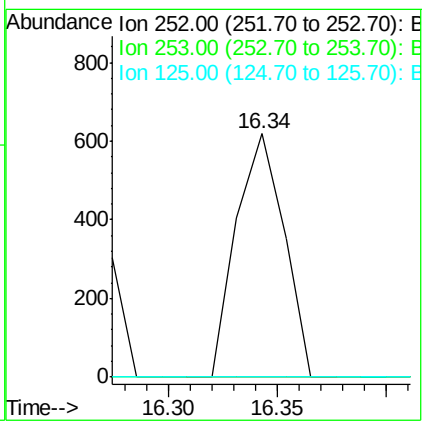


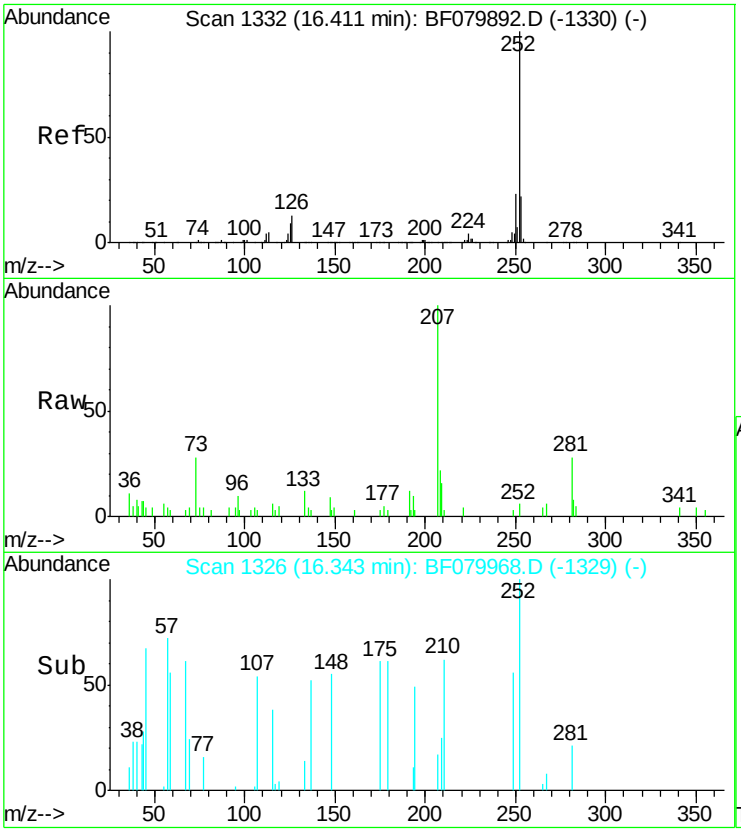


#87
Benzo(b)fluoranthene
Concen: 57.49 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:252 Resp: 944

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	0.0	6.5	9.7#



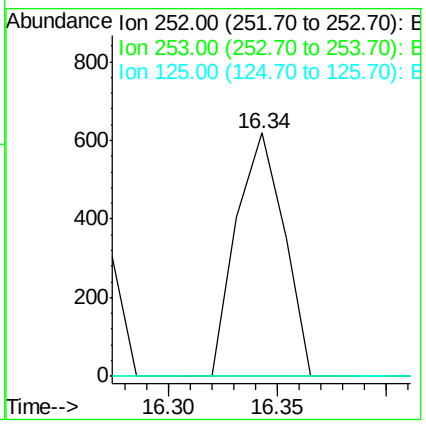


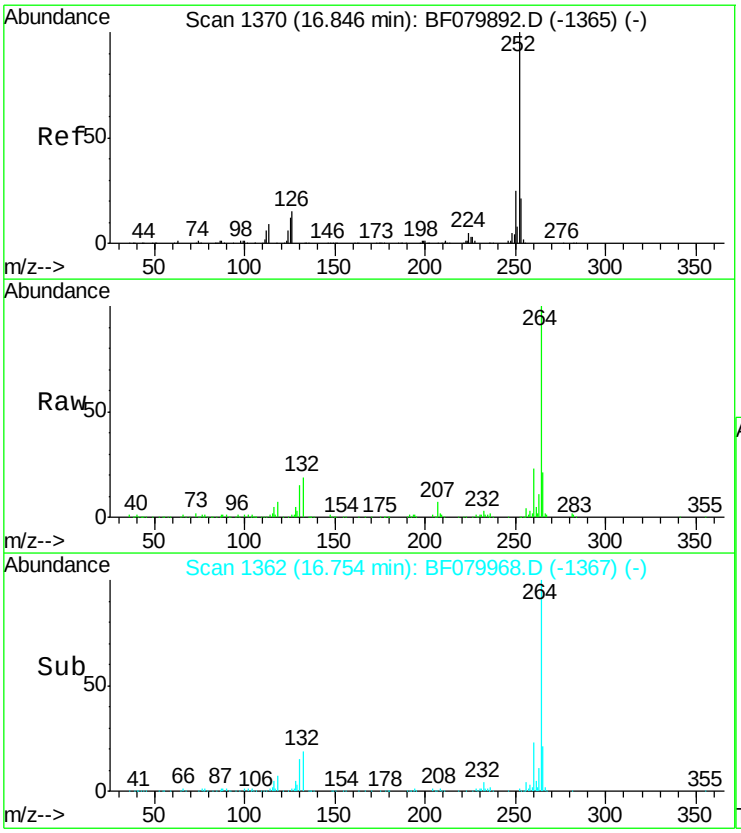
#88
Benzo(k)fluoranthene
Concen: 56.37 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.24 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:252 Resp: 944

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	7.4	11.0#

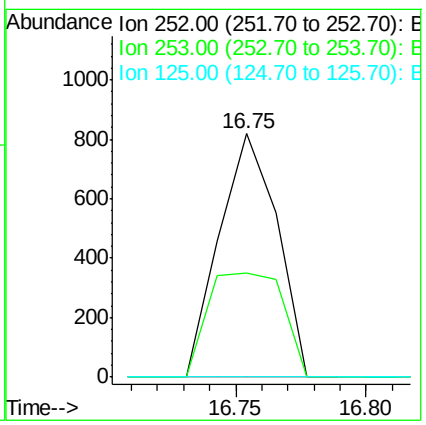


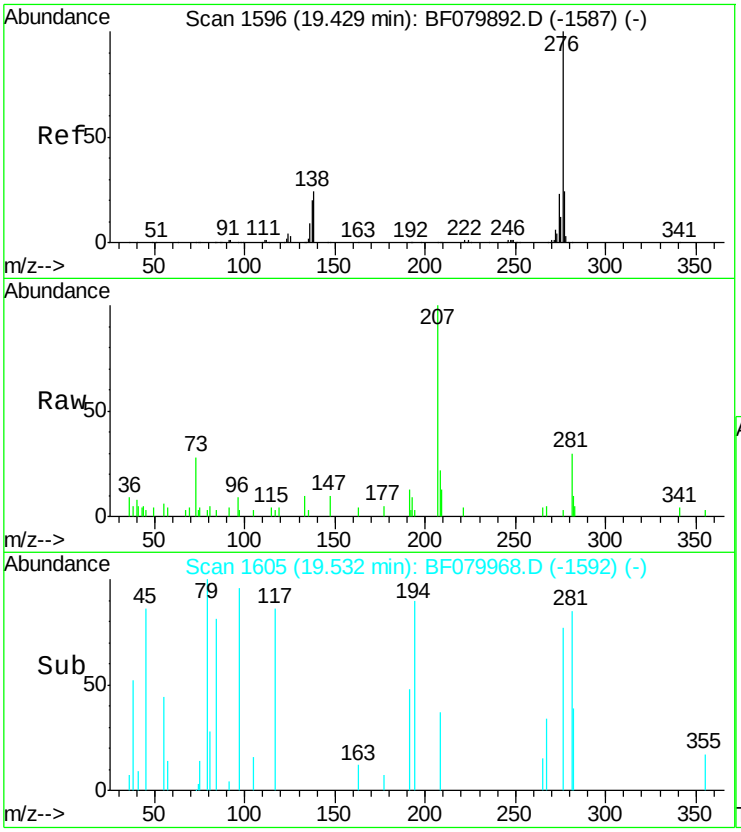


#89
Benzo(a)pyrene
Concen: 80.30 ng
RT: 16.75 min Scan# 1362
Delta R.T. -0.26 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Tgt Ion:252 Resp: 1254

Ion	Ratio	Lower	Upper
252	100		
253	42.7	17.0	25.6#
125	0.0	9.7	14.5#





#91
Benzo(g,h,i)perylene
Concen: 12.97 ng
RT: 19.53 min Scan# 1605
Delta R.T. -0.06 min
Lab File: BF079968.D
Acq: 13 Jun 2015 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:276 Resp: 206

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.2#
138	0.0	19.1	28.7#