Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072715\
Data File : BF080684.D
Acq On : 27 Jul 2015 22:06
Operator : TP/UM
Sample : PB84679BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84679BL

Quant Time: Jul 28 07:41:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 07:40:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	34628	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	112832	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	46430	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	62464	20.00	ng		0.00
75) Chrysene-d12	14.17	240	23378	20.00	ng		-0.08
86) Perylene-d12	15.75	264	13699	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	170167	76.86	ng		0.00
7) Phenol-d6	6.53	99	205087	87.45	ng		0.00
23) Nitrobenzene-d5	7.48	82	194627	88.32	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	24741	60.26	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	314673	84.82	ng		0.00
78) Terphenyl-d14	13.05	244	126463	92.12	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.68	77	4008	2.53	ng		88
10) Phenol	6.68	94	391	0.15	ng	#	1
15) Benzyl Alcohol	7.08	79	3743	1.98	ng	#	53
19) n-Nitroso-di-n-propylamine	7.48	70	25257	18.35	ng	#	65
24) Nitrobenzene	7.48	77	355	0.16	ng	#	34
25) Isophorone	7.48	82	167433	49.01	ng	#	63
45) 1,1'-Biphenyl	9.29	154	522	0.13	ng	#	1
47) 2-Nitroaniline	9.29	65	588	0.76	ng	#	1
48) Acenaphthylene	9.82	152	209	0.04	ng	#	61
50) 2,6-Dinitrotoluene	9.96	165	5569	9.30	ng	#	40
56) 2,4-Dinitrotoluene	9.96	165	5569	8.15	ng	#	33
57) Fluorene	10.75	166	1010	0.32	ng	#	74
65) n-Nitrosodiphenylamine	10.75	169	1026	0.48	ng	#	23
66) 4-Bromophenyl-phenylether	10.75	248	1596	2.38	ng	#	1
70) Phenanthrene	11.47	178	740	0.21	ng	#	60
71) Anthracene	11.53	178	592	0.17	ng	#	62
72) Carbazole	11.68	167	427	0.15	ng	#	58
74) Fluoranthene	12.66	202	397	0.14	ng		68
77) Pyrene	12.90	202	364	0.19	ng	#	58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072715\
Data File : BF080684.D
Acq On : 27 Jul 2015 22:06
Operator : TP/UM
Sample : PB84679BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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PB84679BL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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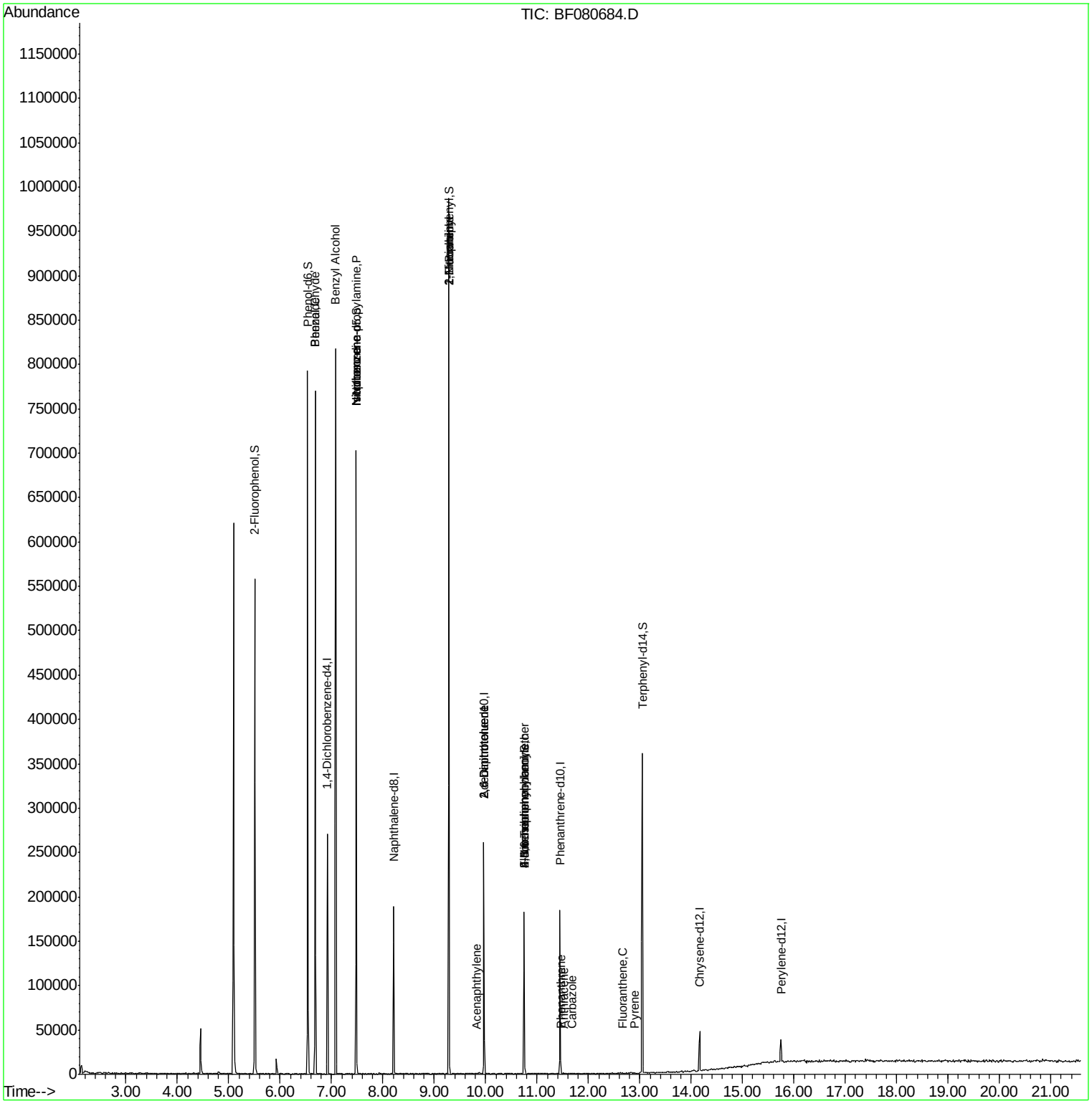
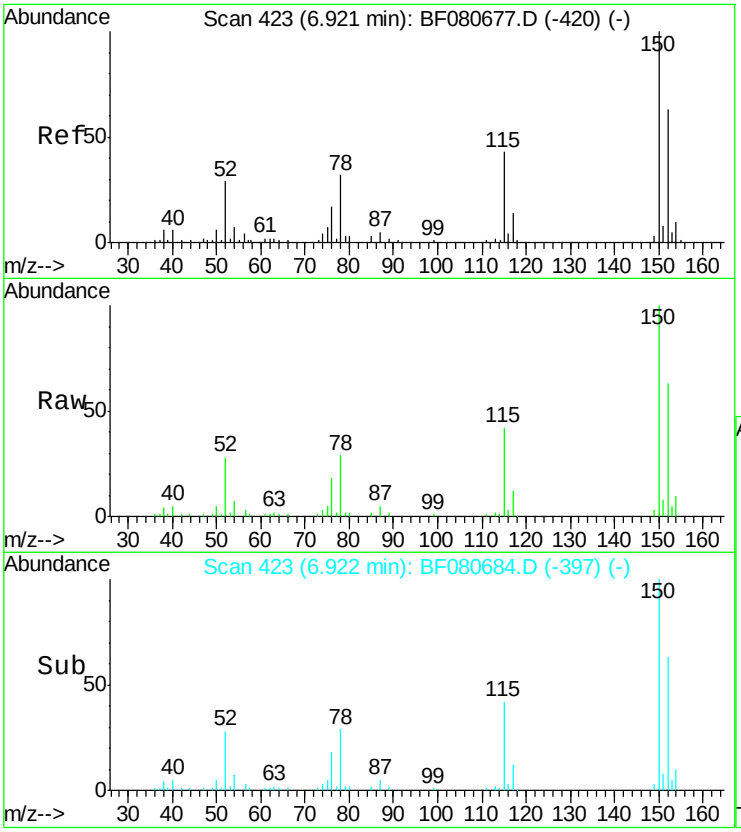


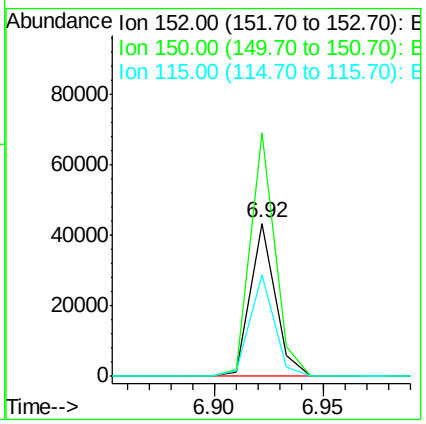


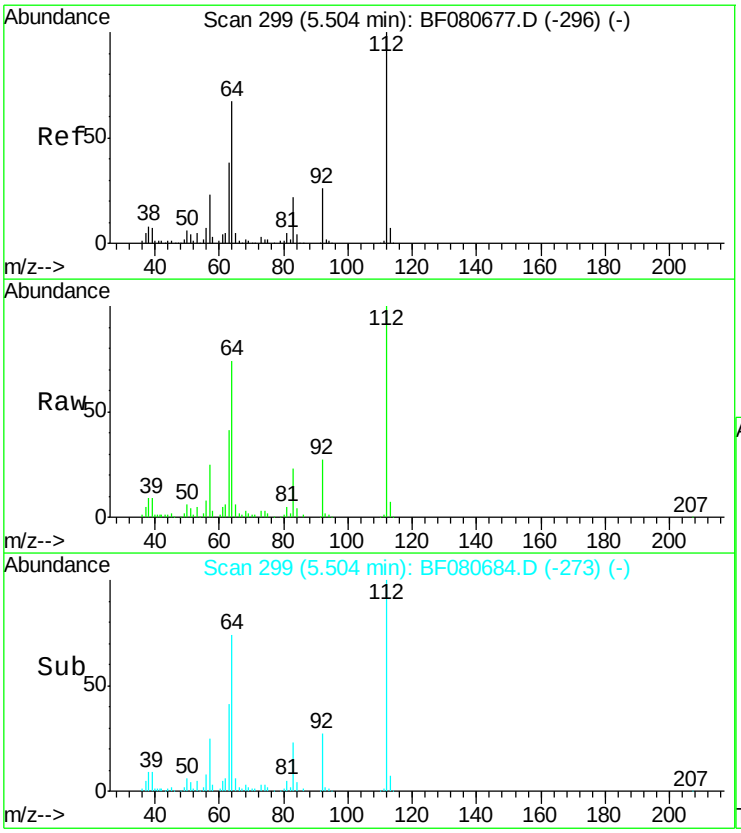
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:152 Resp: 34628

Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.7	191.5
115	66.3	54.2	81.4

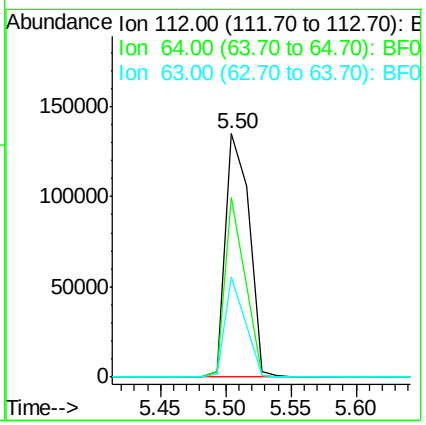


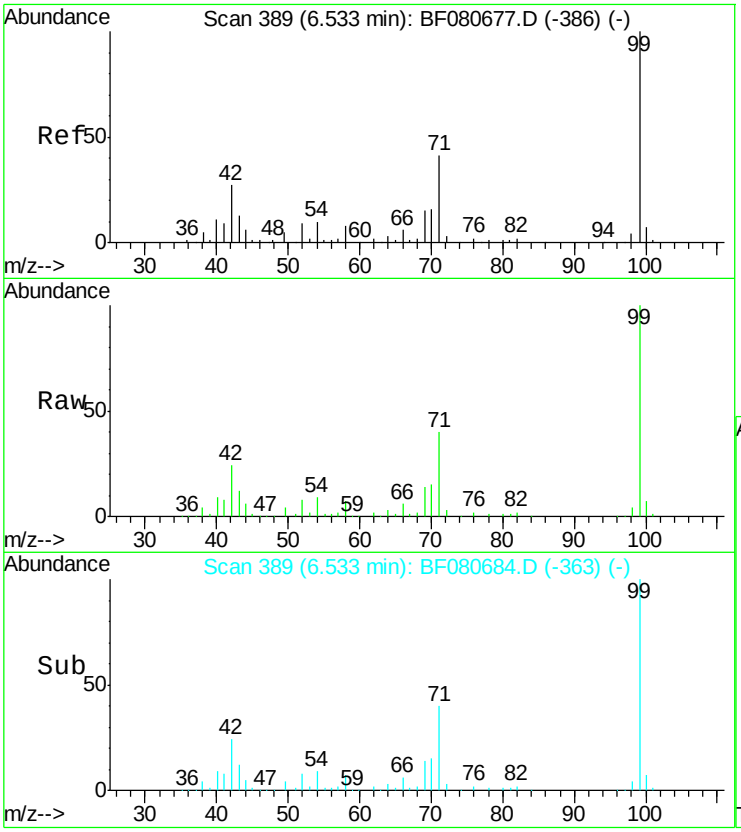


#5
2-Fluorophenol
Concen: 76.86 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:112 Resp: 170167

Ion	Ratio	Lower	Upper
112	100		
64	73.6	53.2	79.8
63	41.0	30.4	45.6



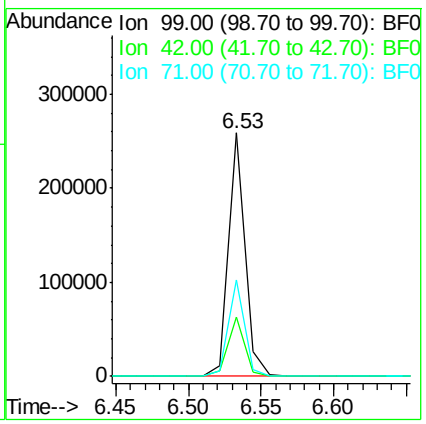


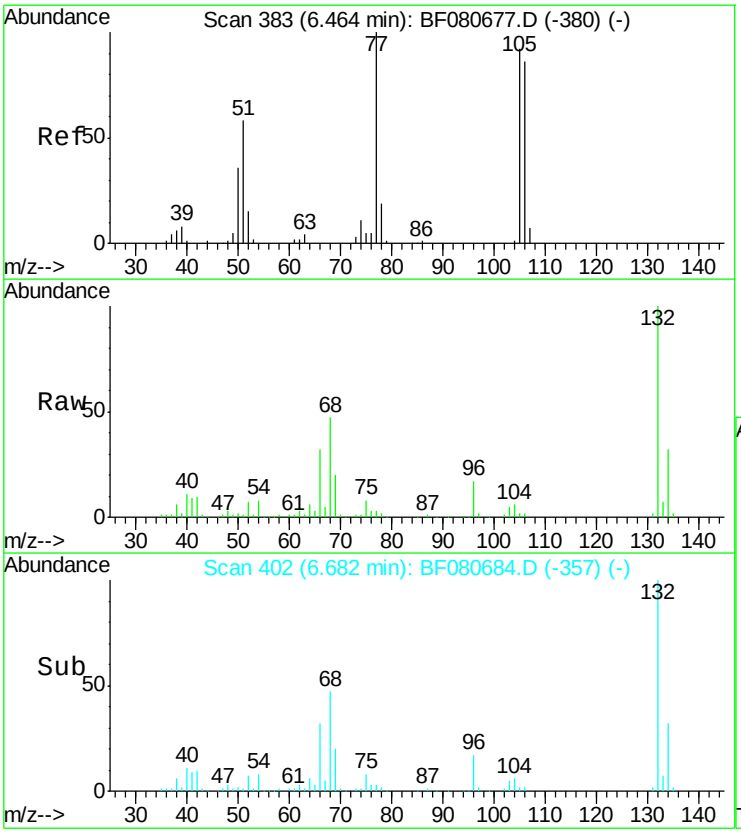
#7
Phenol-d6
Concen: 87.45 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion: 99 Resp: 205087

Ion	Ratio	Lower	Upper
99	100		
42	24.5	21.8	32.8
71	39.8	32.9	49.3

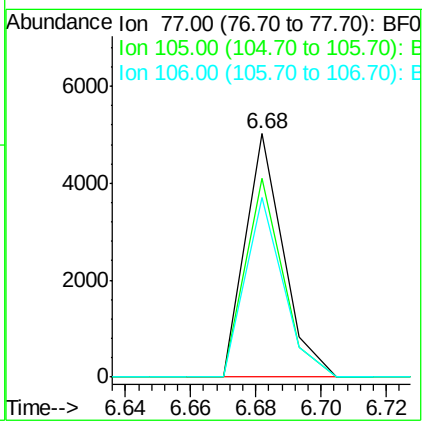


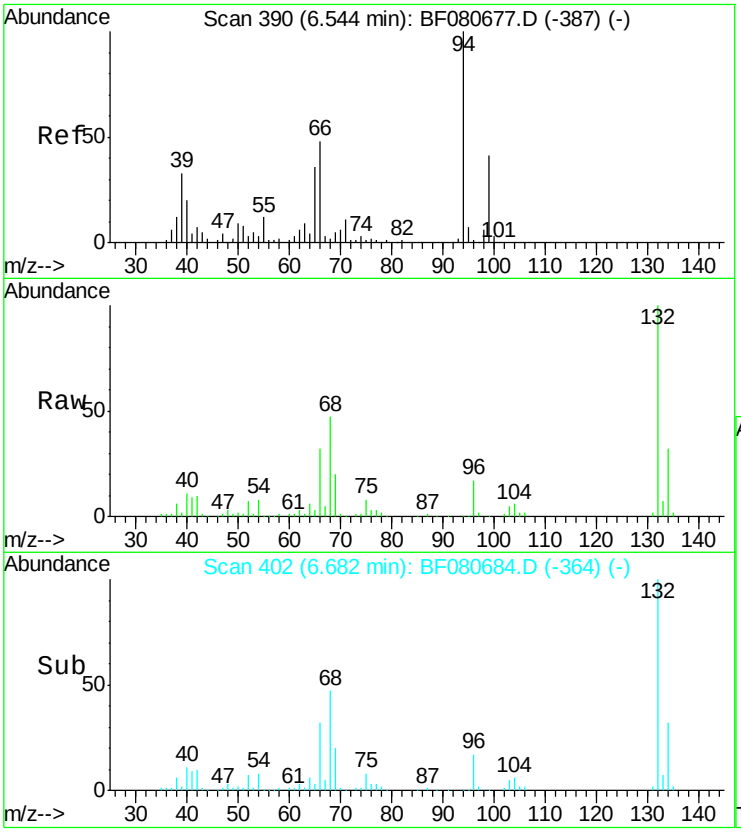


#9
Benzaldehyde
Concen: 2.53 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.22 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion: 77 Resp: 4008

Ion	Ratio	Lower	Upper
77	100		
105	81.5	72.1	112.1
106	73.7	65.5	105.5



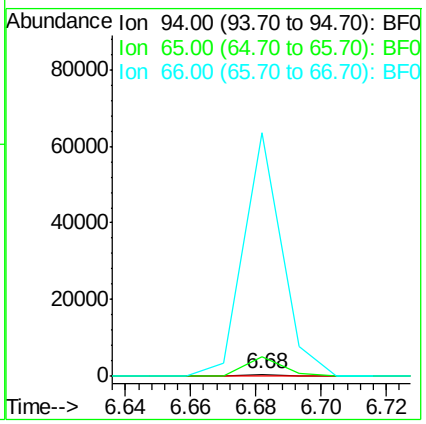


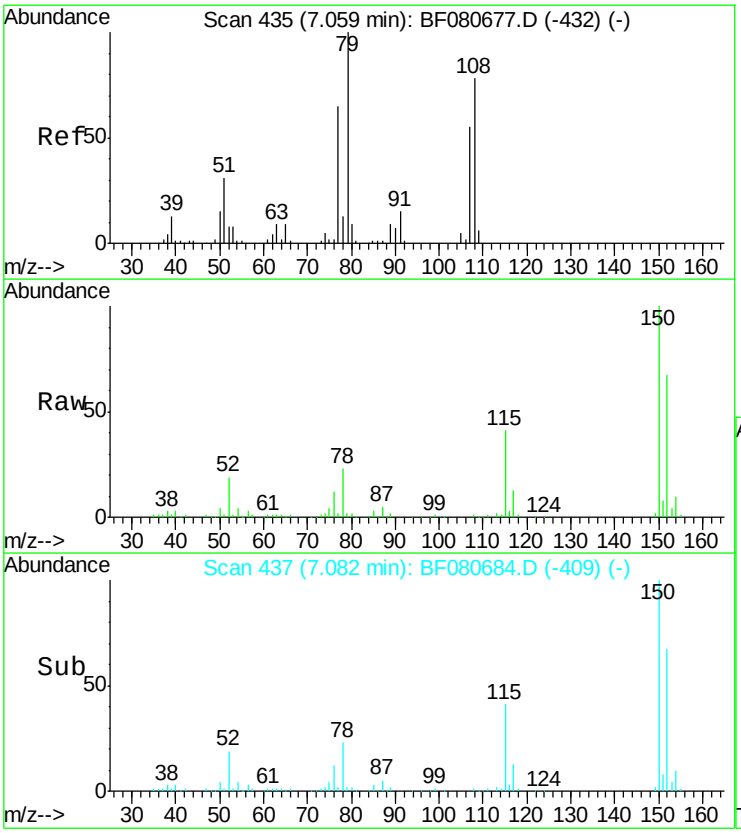
#10
Phenol
Concen: 0.15 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.14 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion: 94 Resp: 391

Ion	Ratio	Lower	Upper
94	100		
65	886.0	16.0	56.0#
66	11139.6	28.1	68.1#

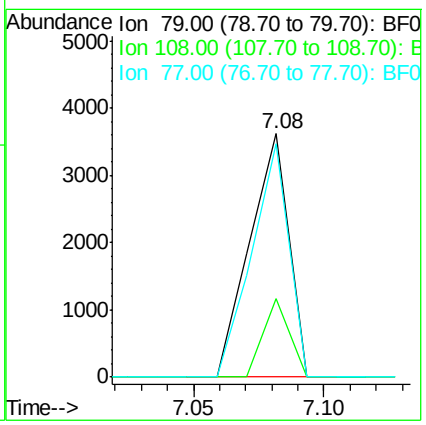


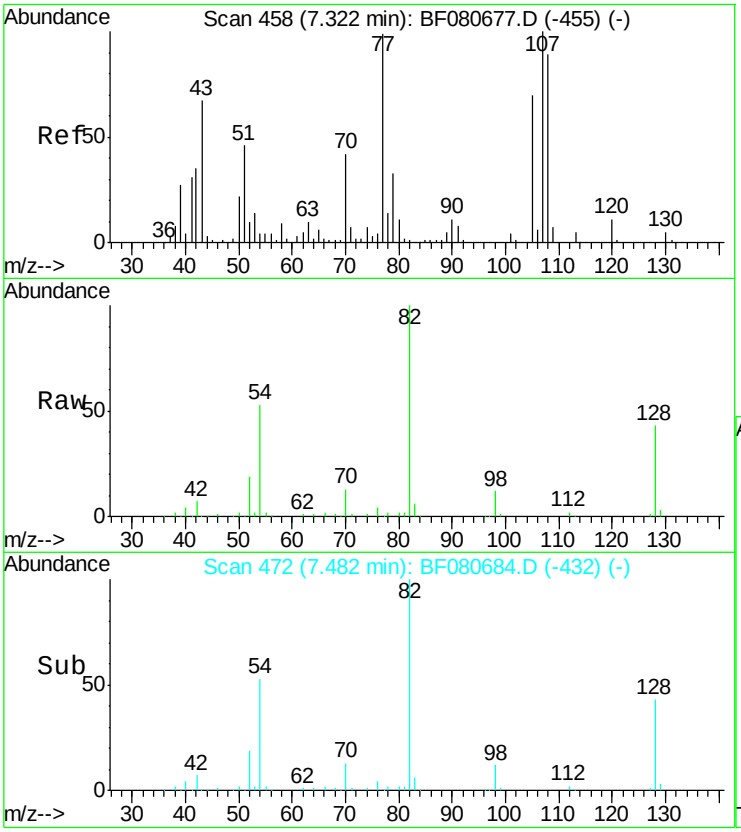


#15
Benzyl Alcohol
Concen: 1.98 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.02 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion: 79 Resp: 3743

Ion	Ratio	Lower	Upper
79	100		
108	32.5	62.7	94.1#
77	95.9	51.8	77.8#



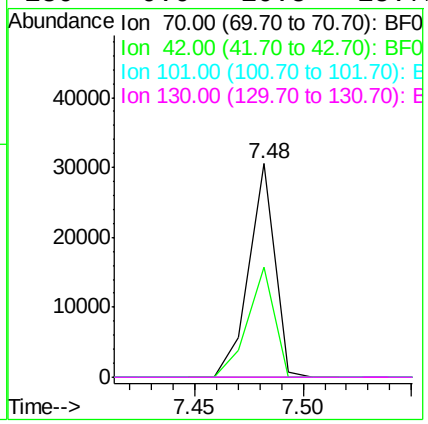


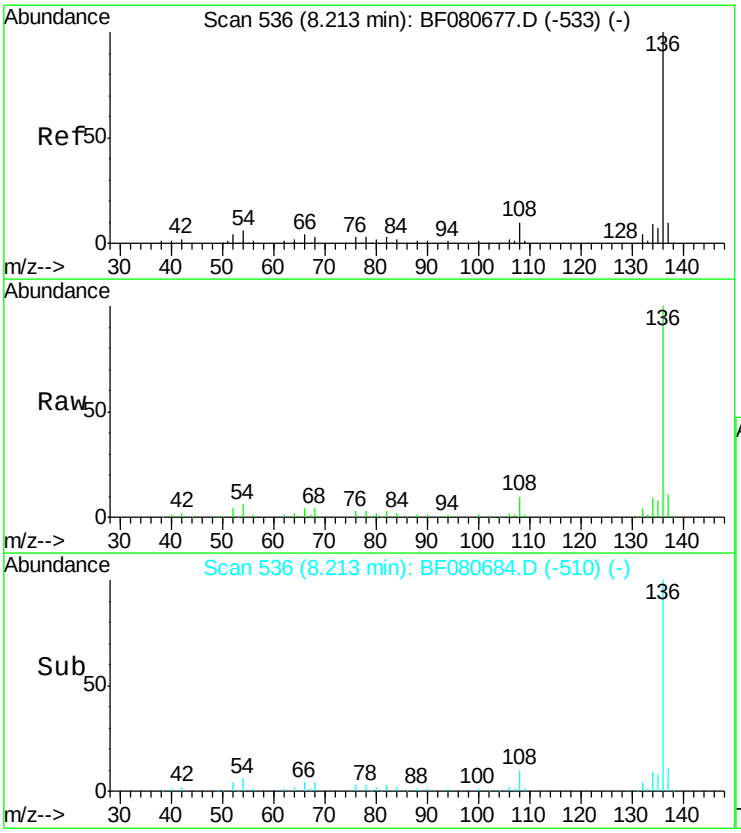
#19
n-Nitroso-di-n-propylamine
Concen: 18.35 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.16 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion: 70 Resp: 25257

Ion	Ratio	Lower	Upper
70	100		
42	51.3	67.4	101.2#
101	0.0	7.3	10.9#
130	0.0	10.5	15.7#

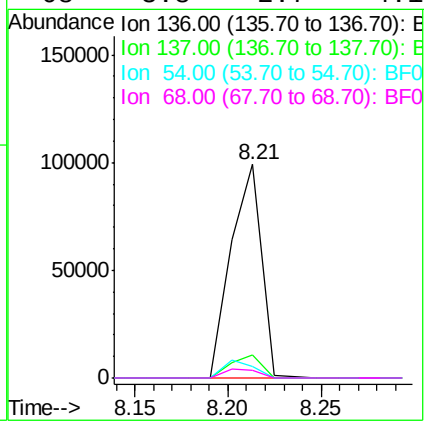


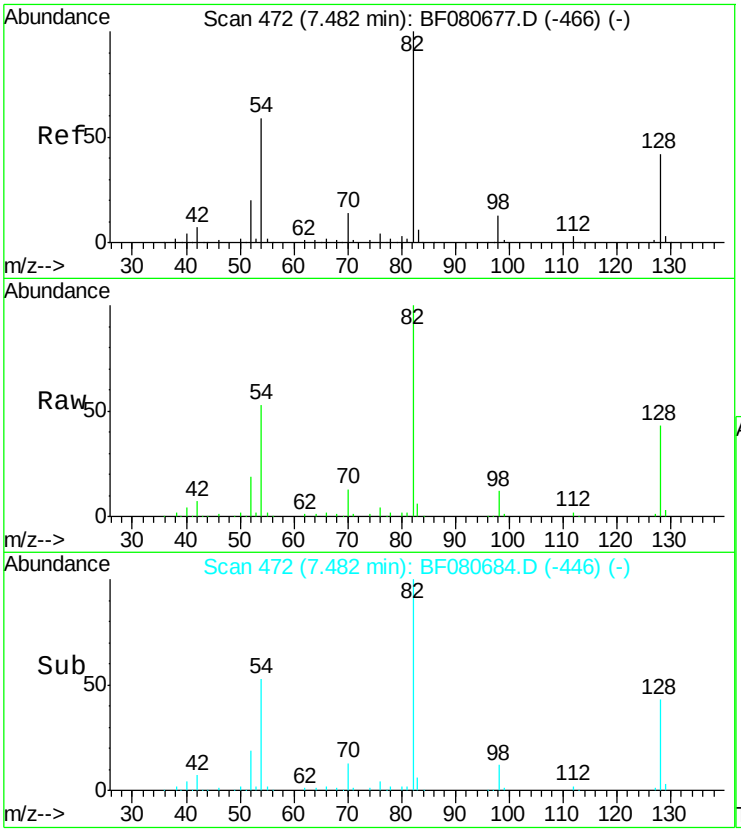


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:136 Resp: 112832

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	5.6	5.0	7.4
68	3.8	2.7	4.1



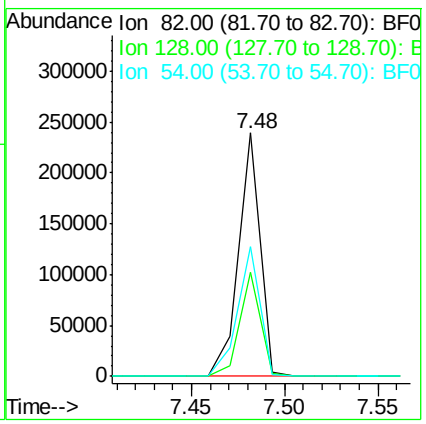


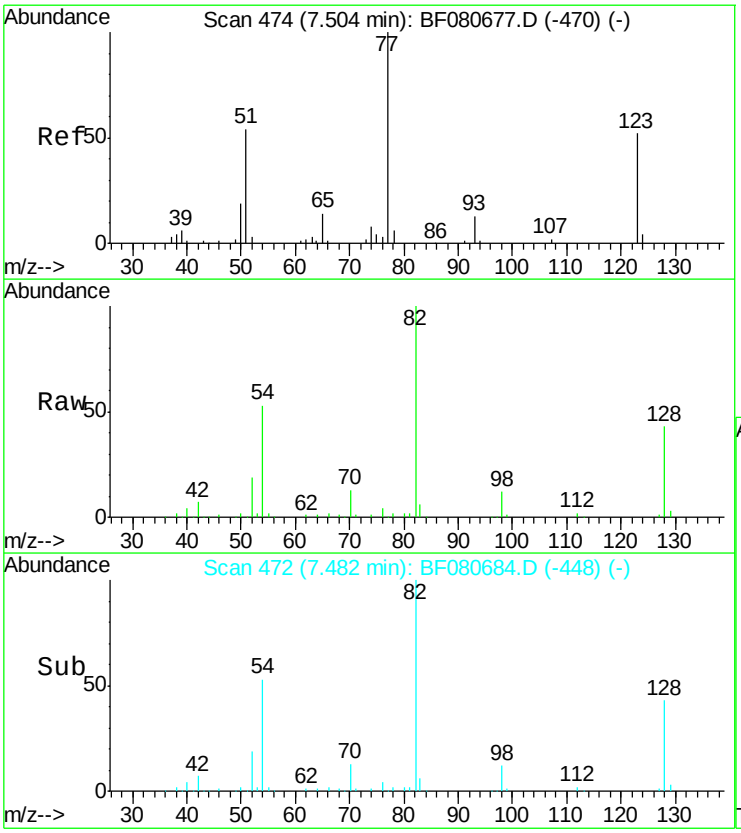
#23
Nitrobenzene-d5
Concen: 88.32 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion: 82 Resp: 194627

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.7	50.5
54	53.5	47.3	70.9

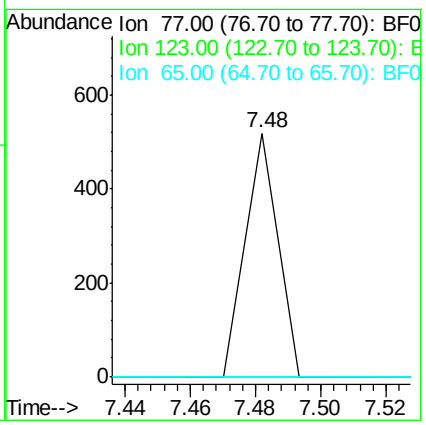


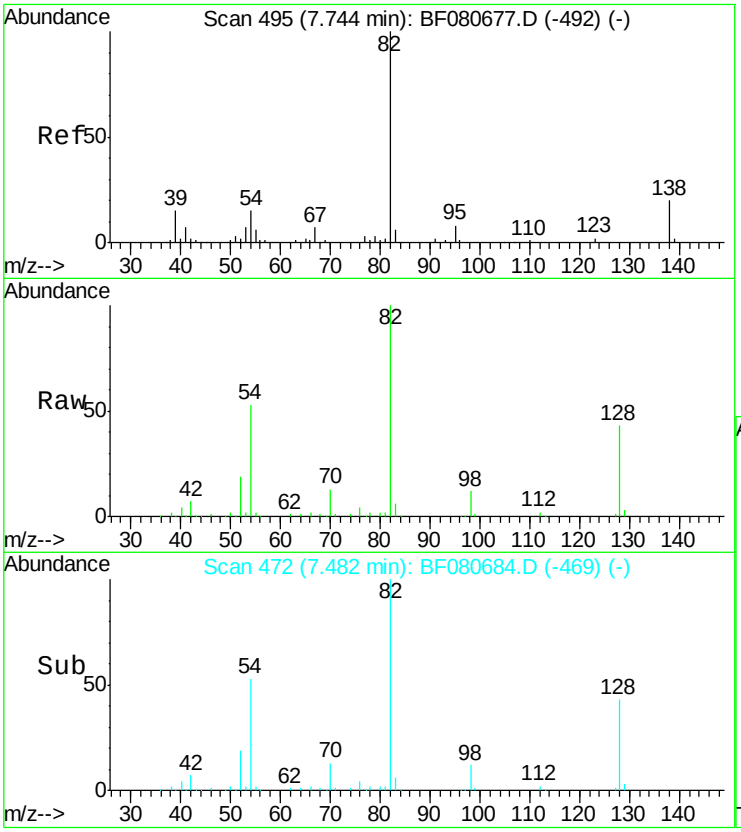


#24
Nitrobenzene
Concen: 0.16 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion: 77 Resp: 355

Ion	Ratio	Lower	Upper
77	100		
123	0.0	41.8	62.8#
65	0.0	10.8	16.2#



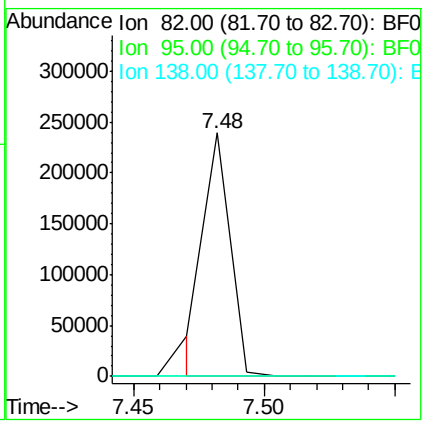


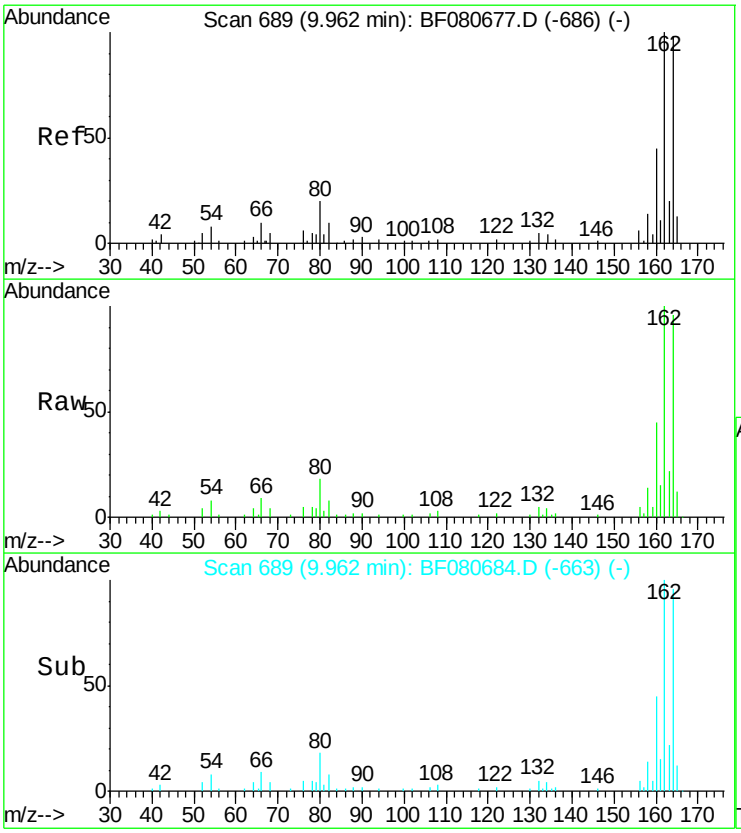
#25
Isophorone
Concen: 49.01 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.26 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion: 82 Resp: 167433

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	15.8	23.6#

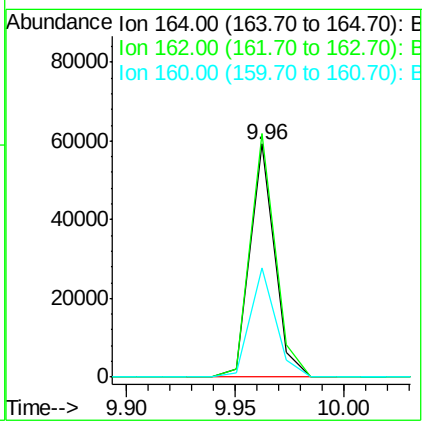


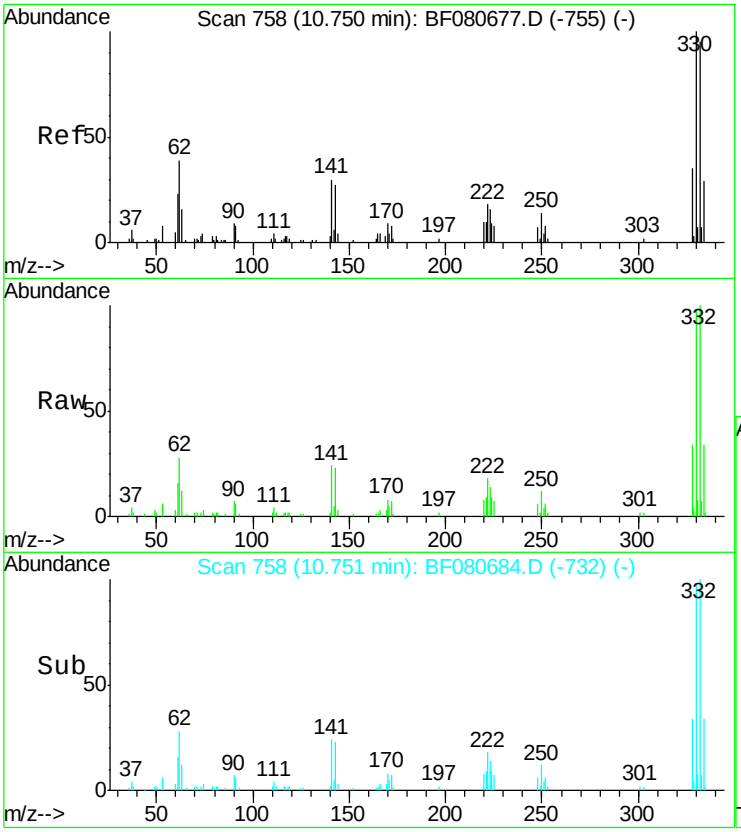


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:164 Resp: 46430

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.0	123.0
160	46.9	36.7	55.1



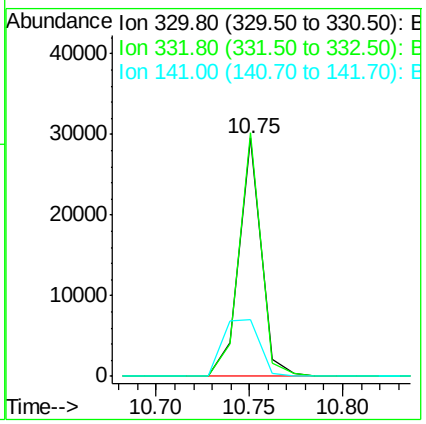


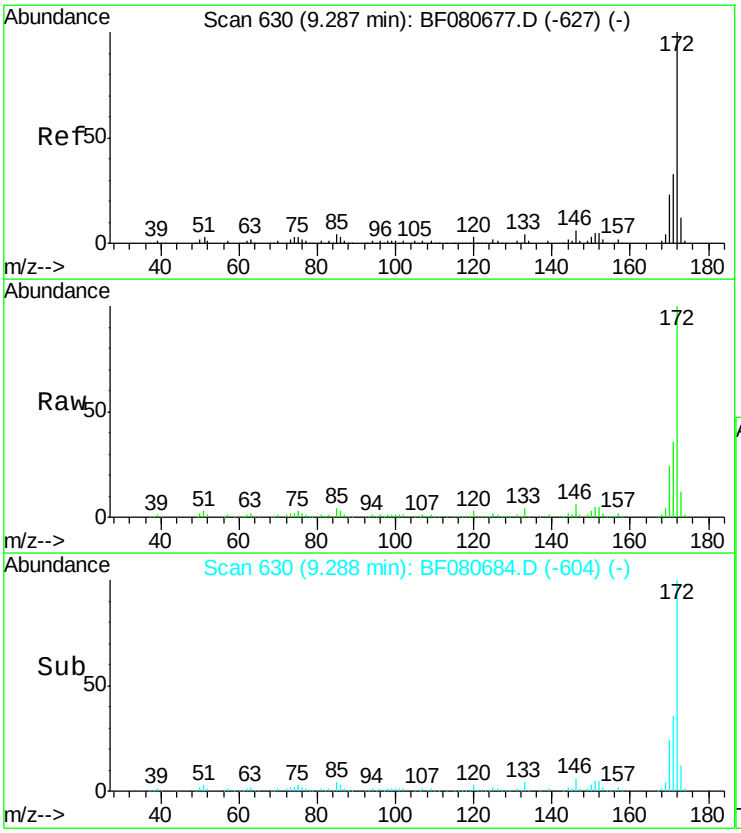
#41
2,4,6-Tribromophenol
Concen: 60.26 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:330 Resp: 24741

Ion	Ratio	Lower	Upper
330	100		
332	100.8	76.9	115.3
141	39.6	30.6	45.8

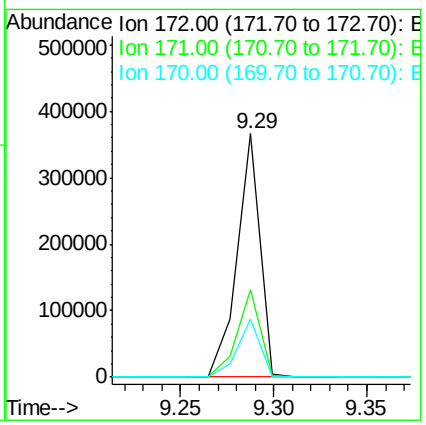


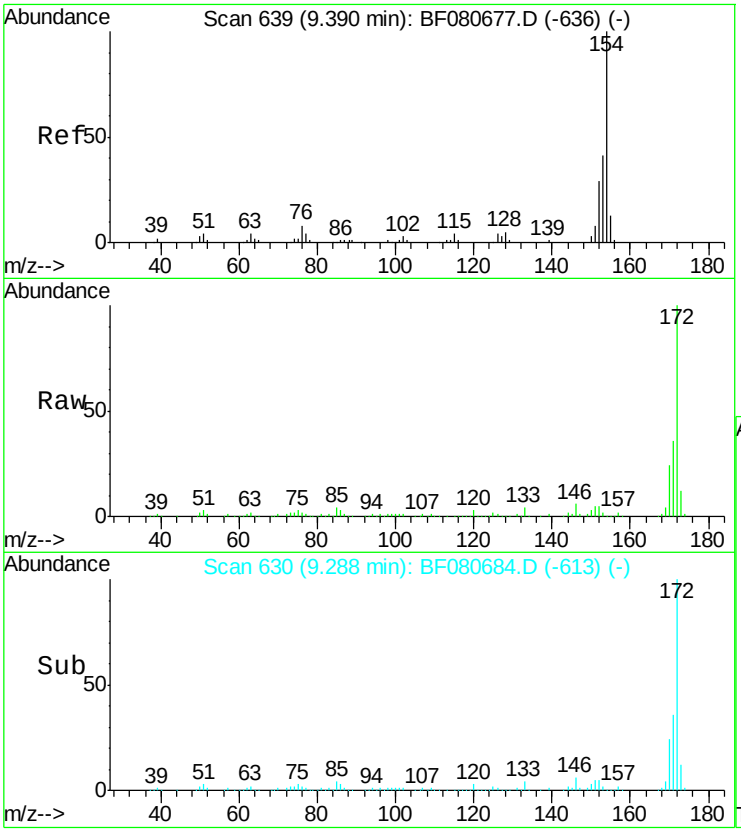


#44
2-Fluorobiphenyl
Concen: 84.82 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:172 Resp: 314673

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	24.1	18.6	28.0



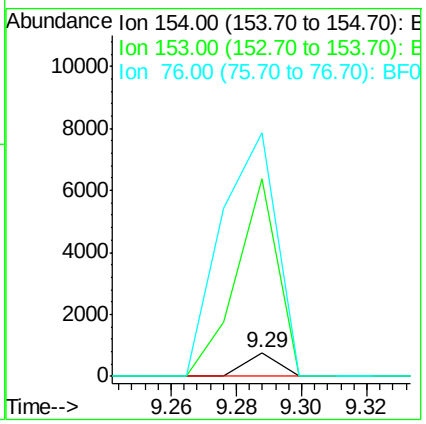


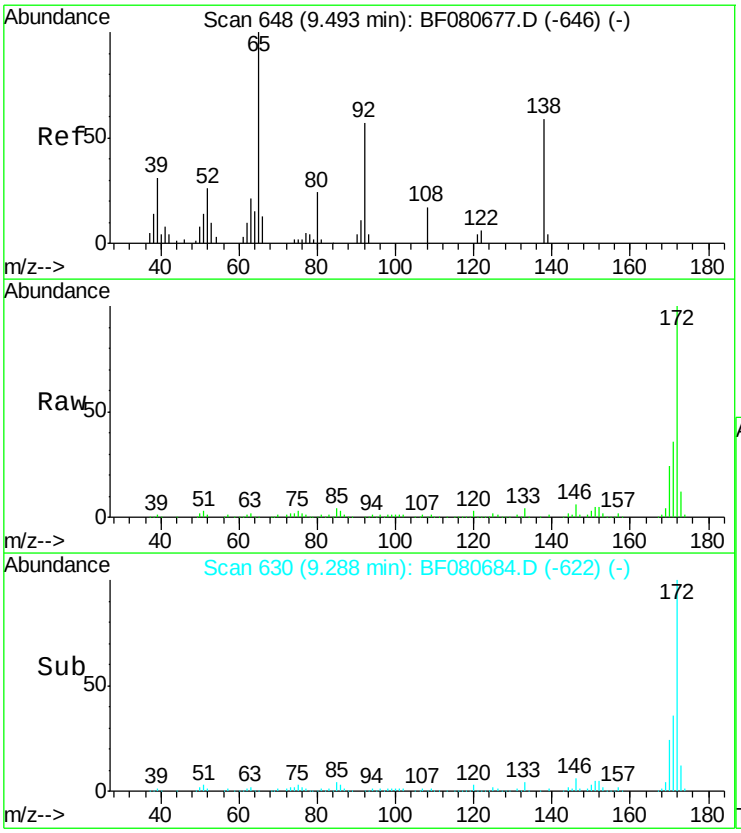
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.10 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:154 Resp: 522

Ion	Ratio	Lower	Upper
154	100		
153	839.0	21.1	61.1#
76	1032.7	0.0	28.0#

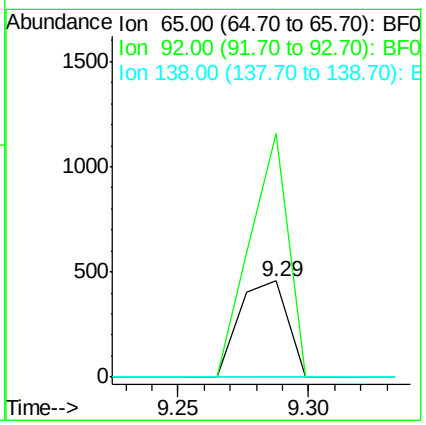


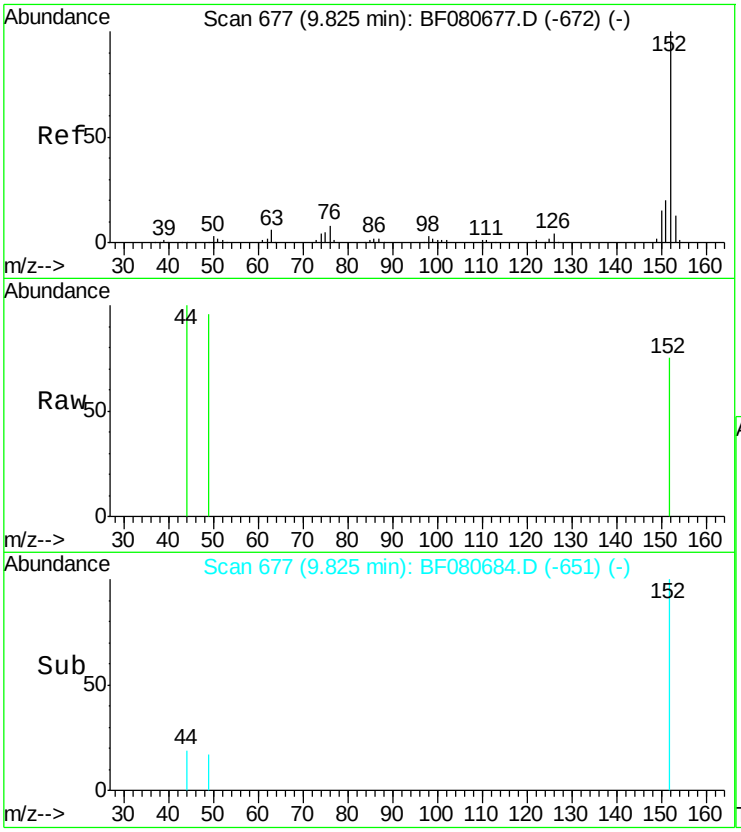


#47
2-Nitroaniline
Concen: 0.76 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.21 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion: 65 Resp: 588

Ion	Ratio	Lower	Upper
65	100		
92	253.9	45.9	68.9#
138	0.0	47.0	70.4#



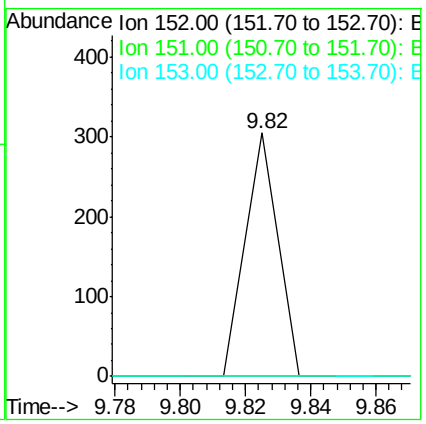


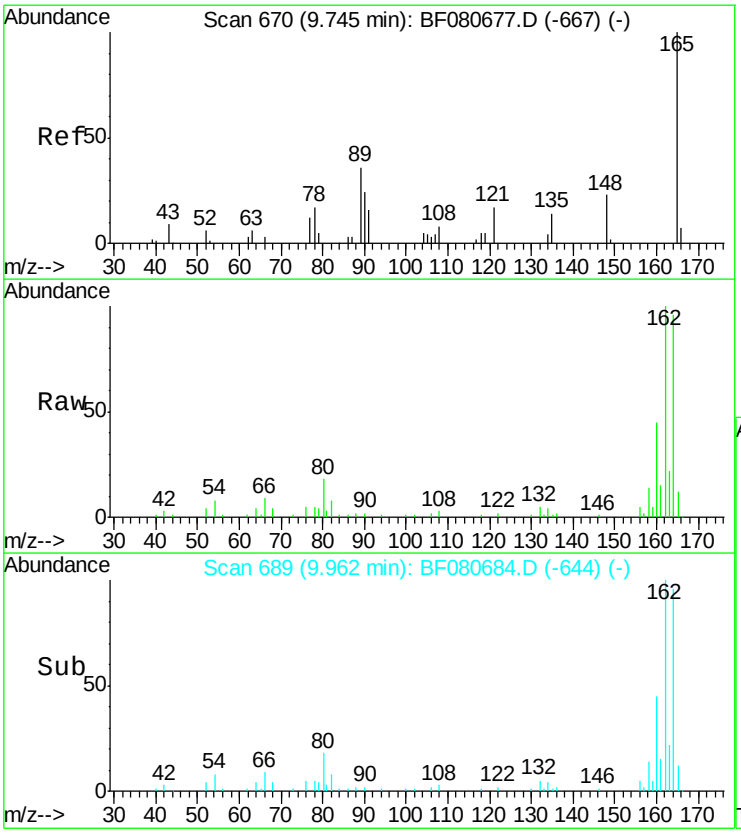
#48
Acenaphthylene
Concen: 0.04 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument : BNA_F
ClientSampleId : PB84679BL

Tgt Ion:152 Resp: 209

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.2	15.4#

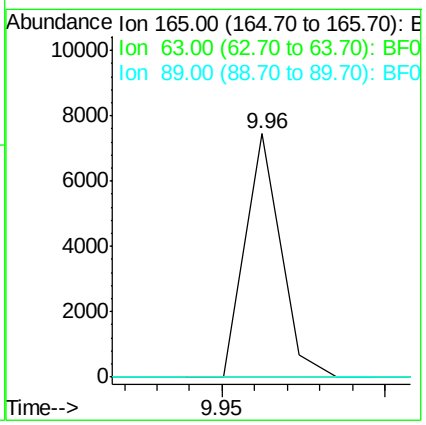


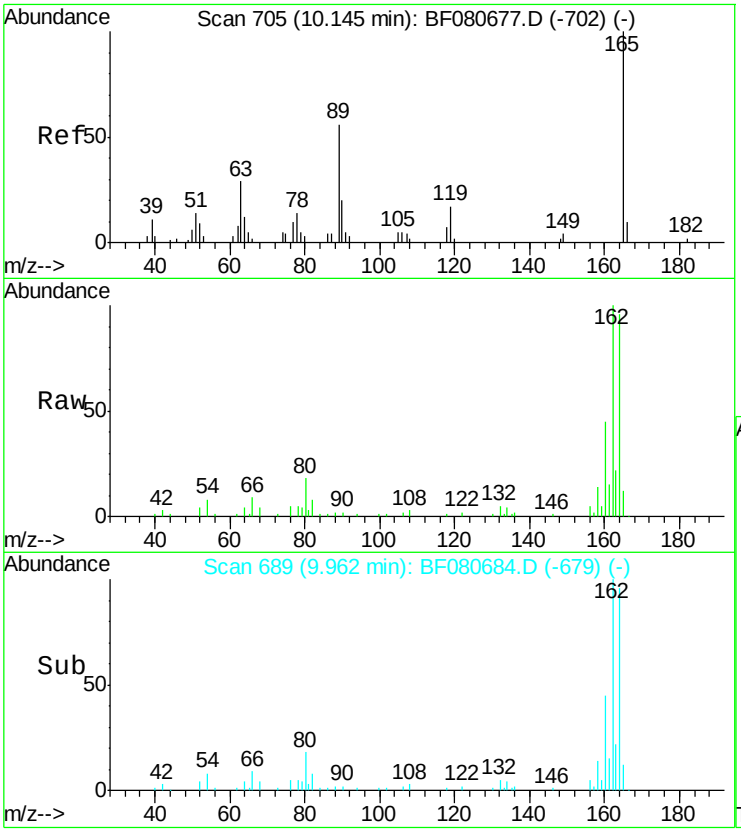


#50
2,6-Dinitrotoluene
Concen: 9.30 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.22 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:165 Resp: 5569

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.1	40.7#
89	0.0	29.0	43.6#



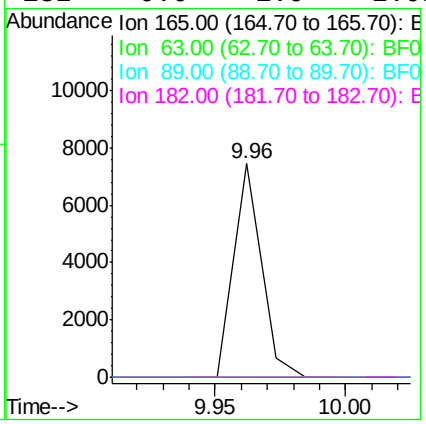


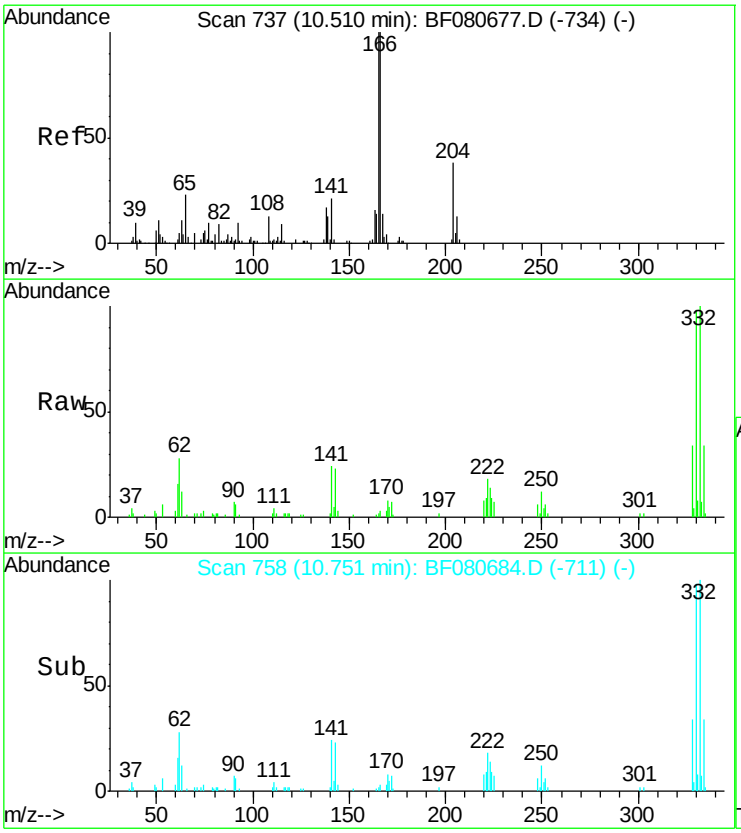
#56
2,4-Dinitrotoluene
Concen: 8.15 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.18 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:165 Resp: 5569

Ion	Ratio	Lower	Upper
165	100		
63	0.0	23.2	34.8#
89	0.0	44.6	67.0#
182	0.0	1.9	2.9#

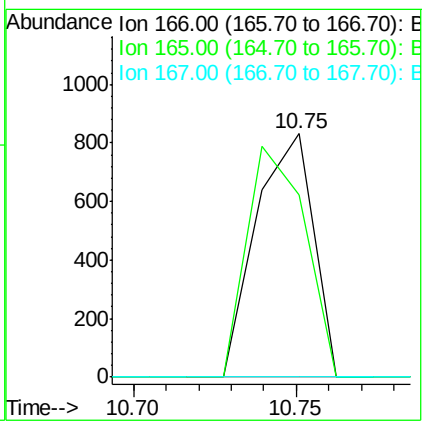


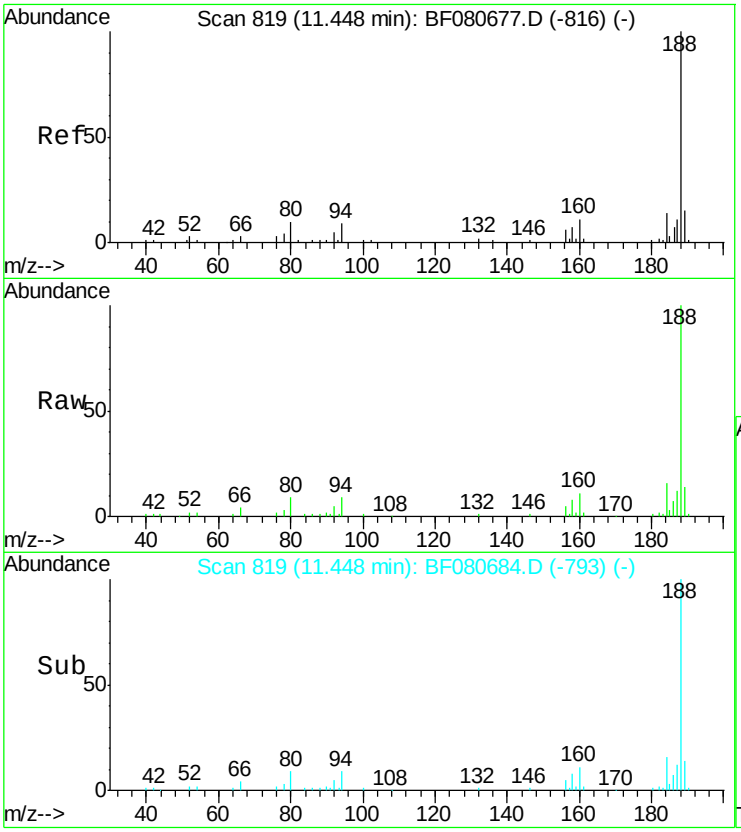


#57
Fluorene
Concen: 0.32 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.24 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:166 Resp: 1010

Ion	Ratio	Lower	Upper
166	100		
165	74.9	80.2	120.4#
167	0.0	11.0	16.4#



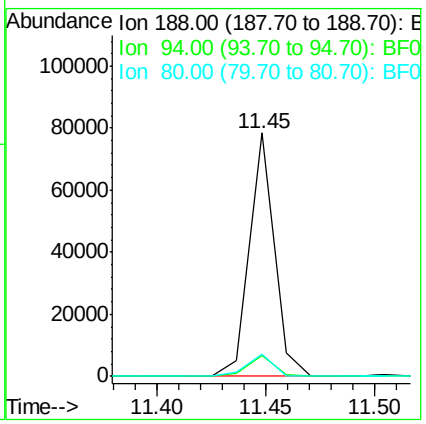


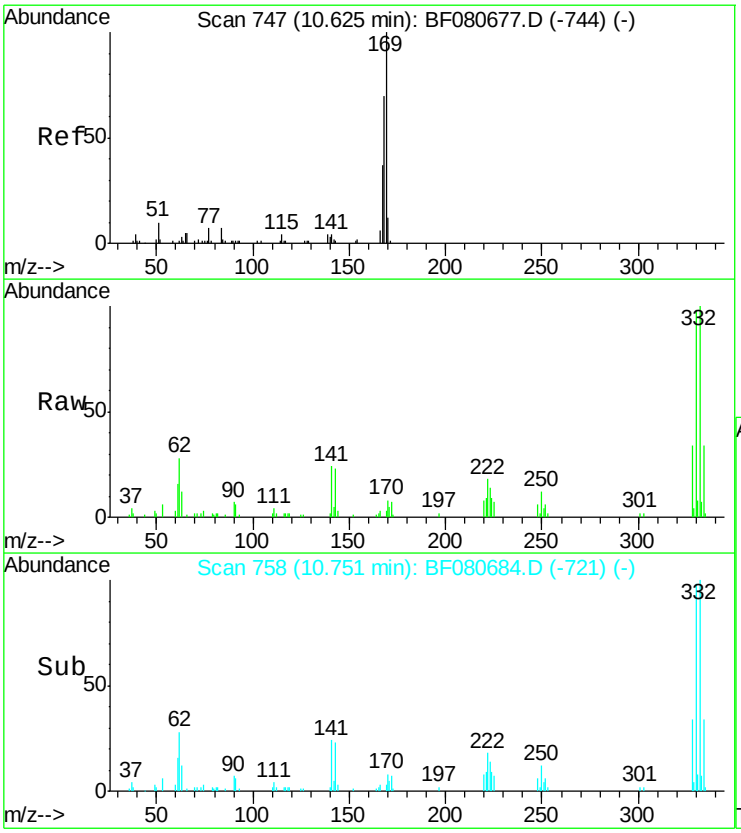
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:188 Resp: 62464

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.1	8.2	12.2

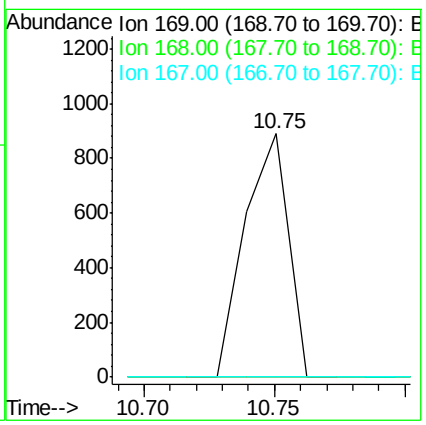


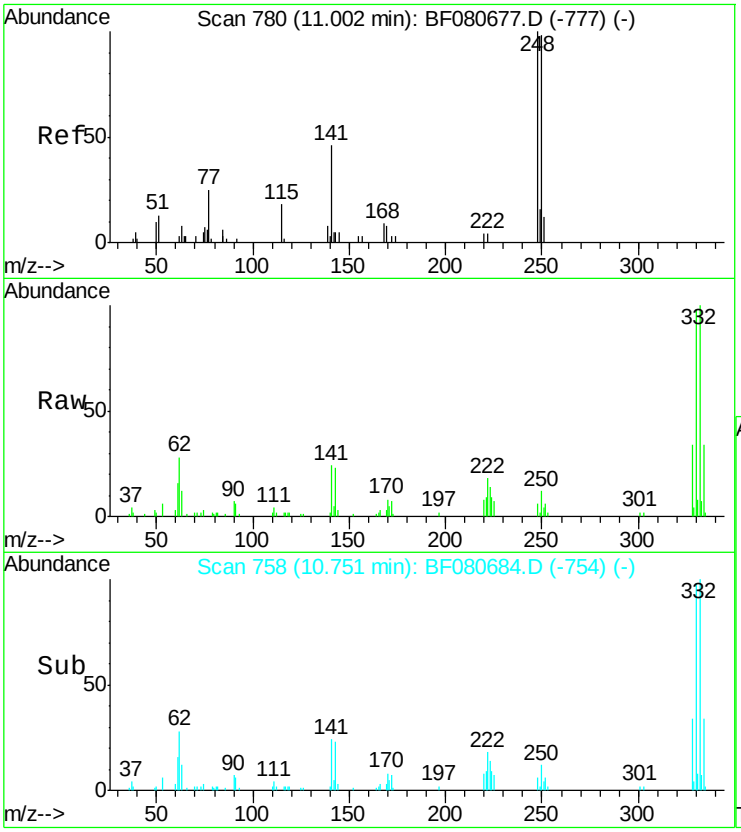


#65
n-Nitrosodiphenylamine
Concen: 0.48 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.13 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:169 Resp: 1026

Ion	Ratio	Lower	Upper
169	100		
168	0.0	56.2	84.2#
167	0.0	29.3	43.9#



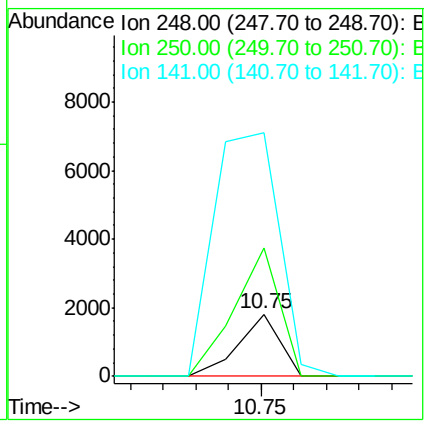


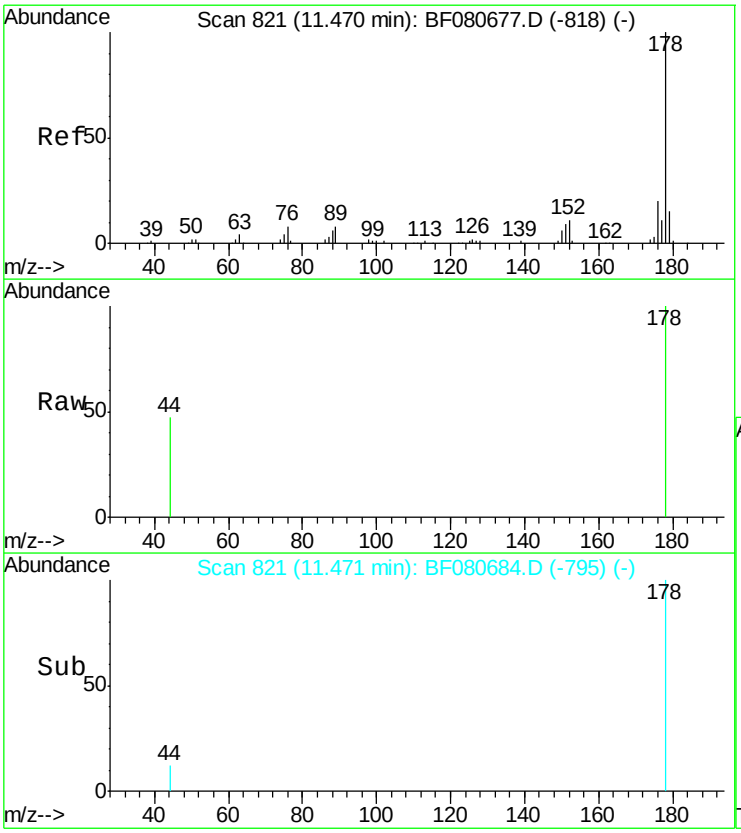
#66
4-Bromophenyl-phenylether
Concen: 2.38 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.25 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:248 Resp: 1596

Ion	Ratio	Lower	Upper
248	100		
250	205.7	78.5	117.7#
141	389.6	36.8	55.2#

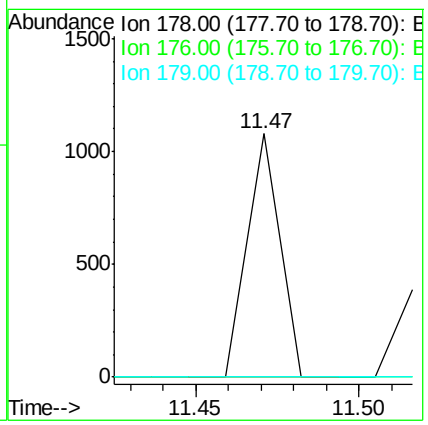


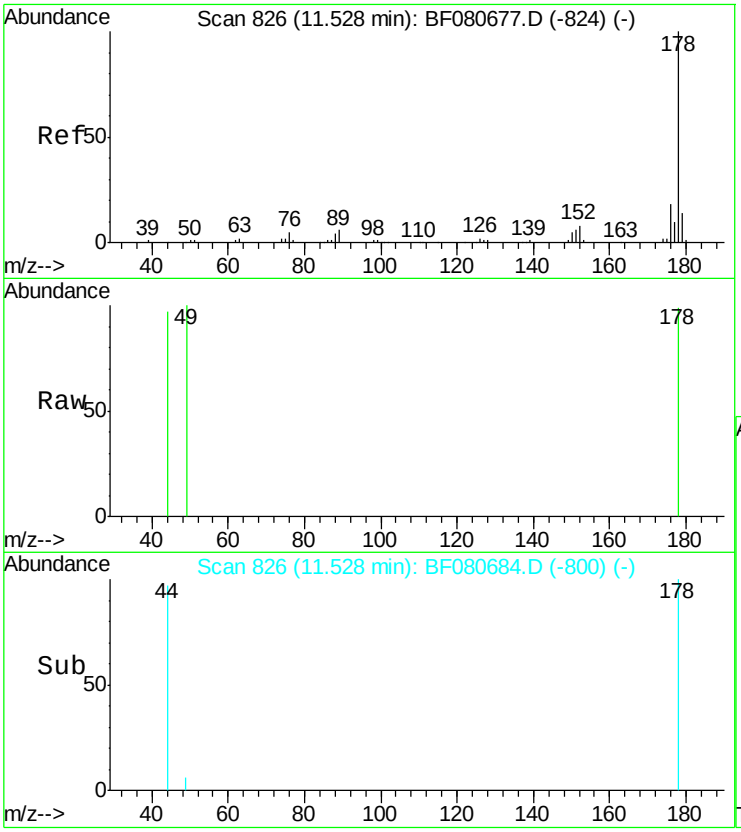


#70
Phenanthrene
Concen: 0.21 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:178 Resp: 740

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.6	23.4#
179	0.0	12.3	18.5#



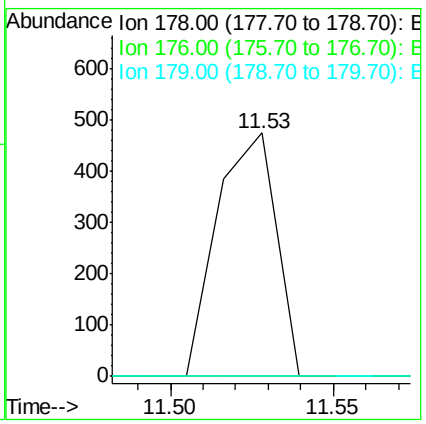


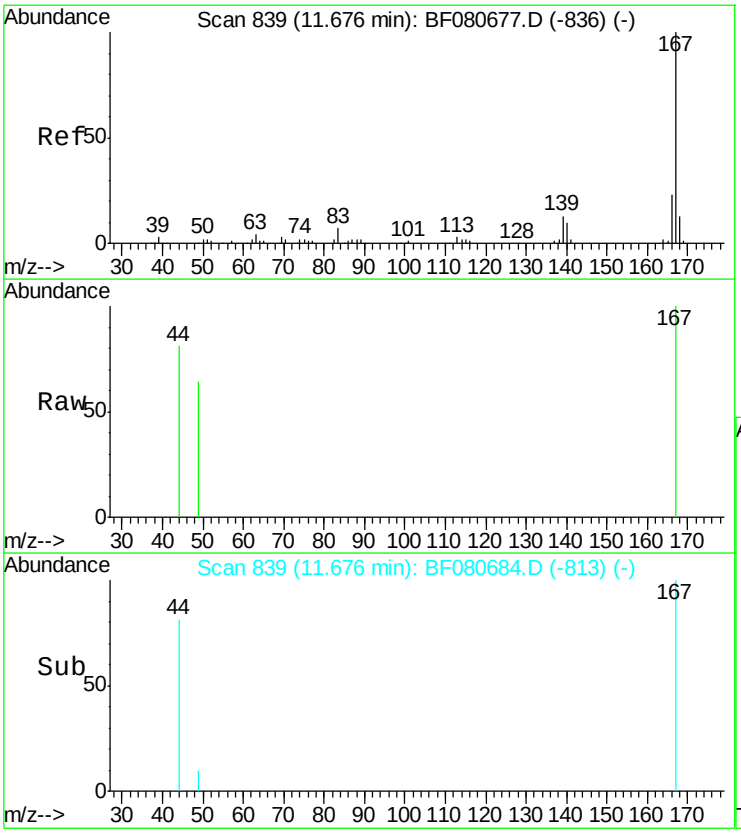
#71
Anthracene
Concen: 0.17 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:178 Resp: 592

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.3	21.5#
179	0.0	10.8	16.2#

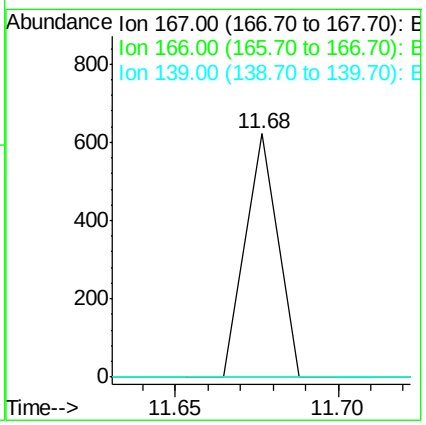


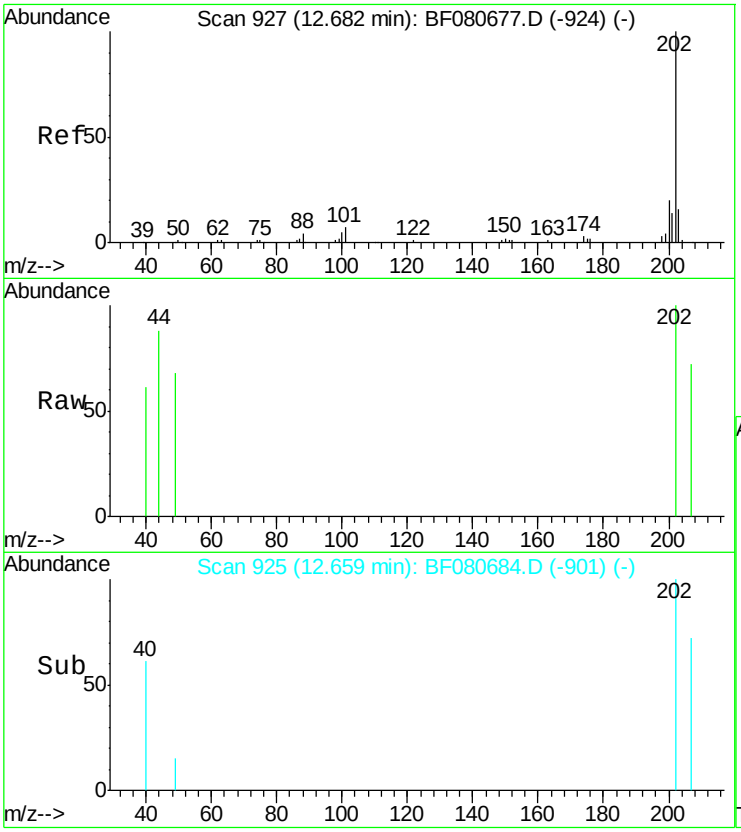


#72
Carbazole
Concen: 0.15 ng
RT: 11.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:167 Resp: 427

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.1	27.1#
139	0.0	10.1	15.1#



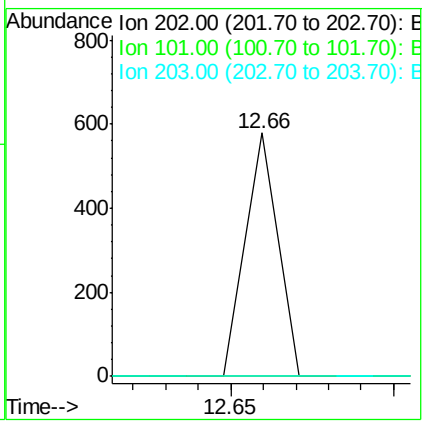


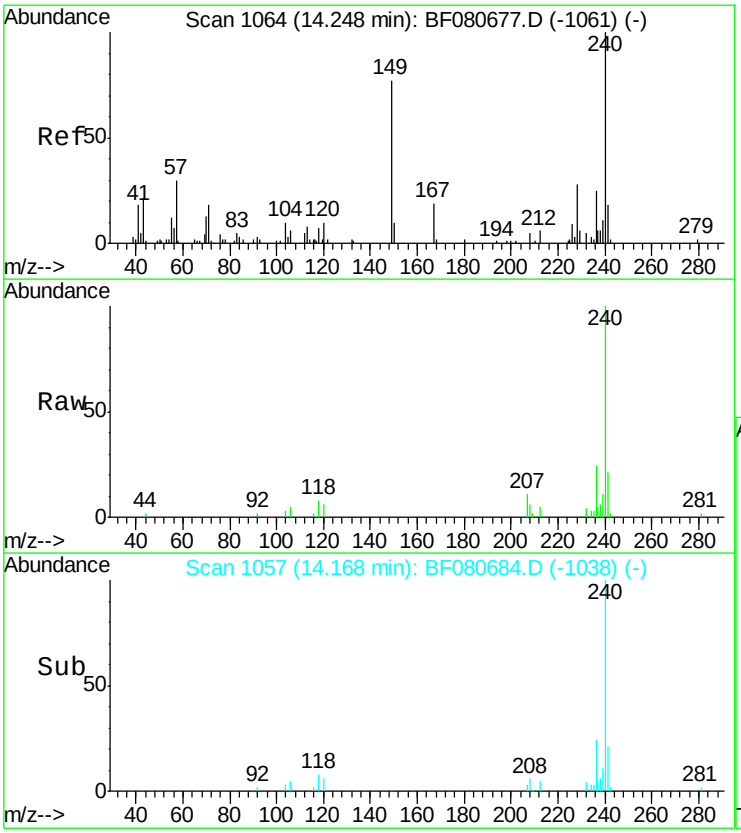
#74
Fluoranthene
Concen: 0.14 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:202 Resp: 397

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.3
203	0.0	0.0	36.0

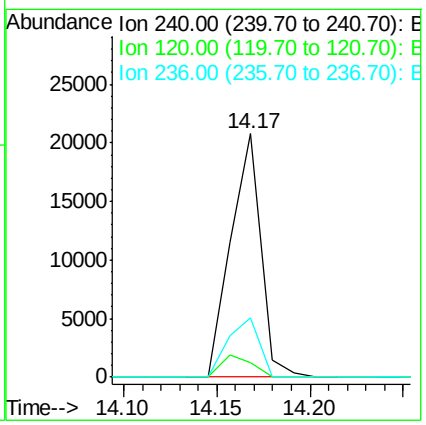


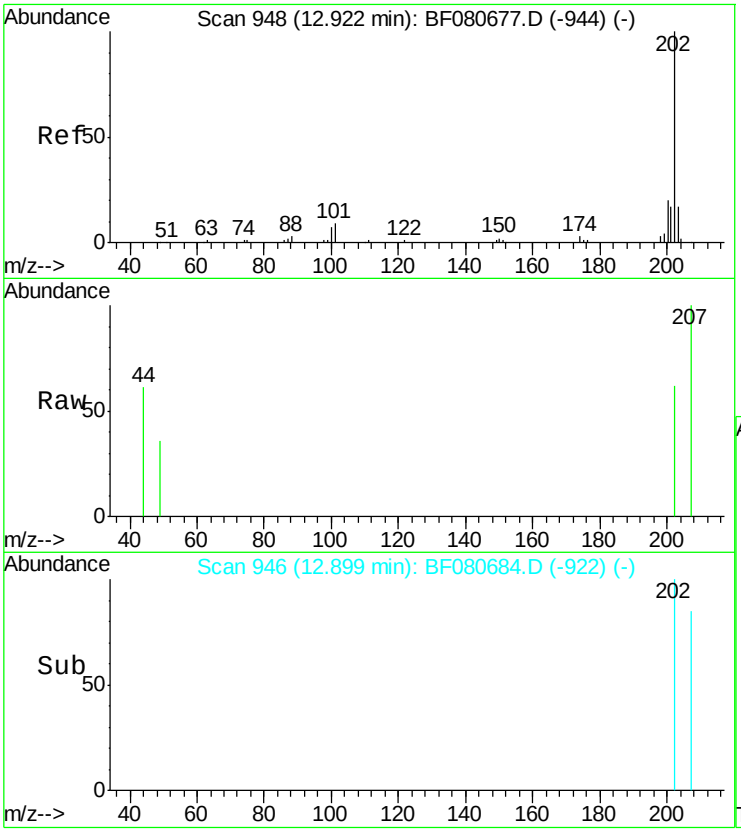


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.08 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:240 Resp: 23378

Ion	Ratio	Lower	Upper
240	100		
120	6.2	8.0	12.0#
236	24.3	20.0	30.0



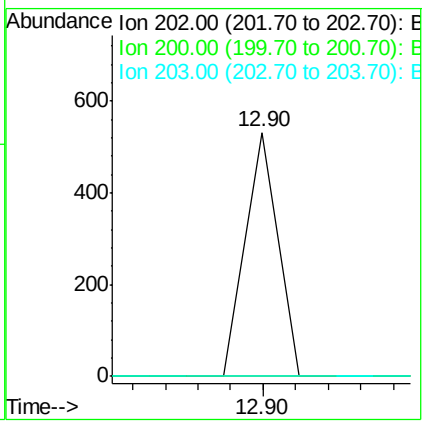


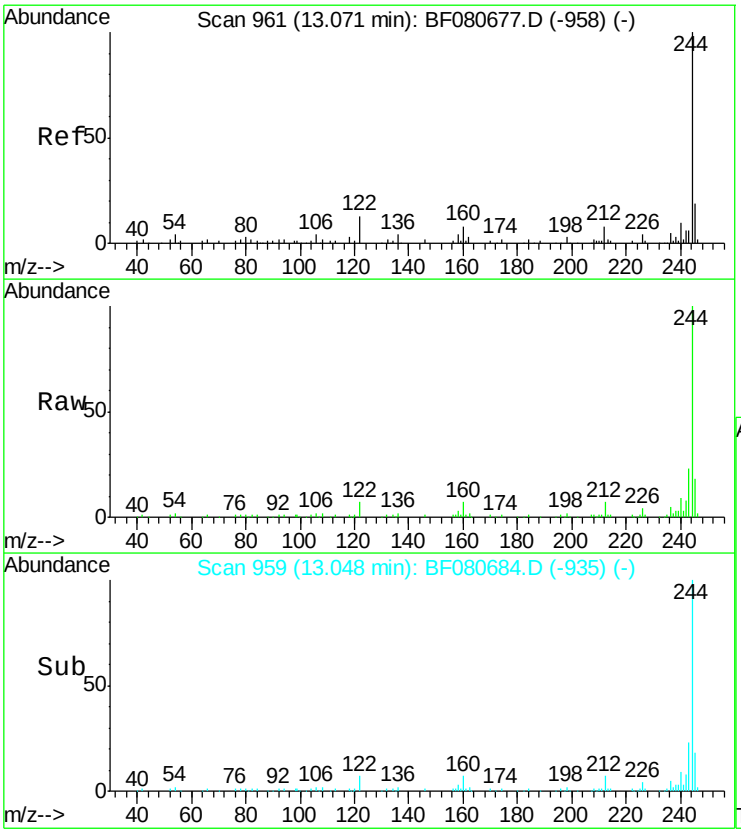
#77
Pyrene
Concen: 0.19 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:202 Resp: 364

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.3	24.5#
203	0.0	13.4	20.2#

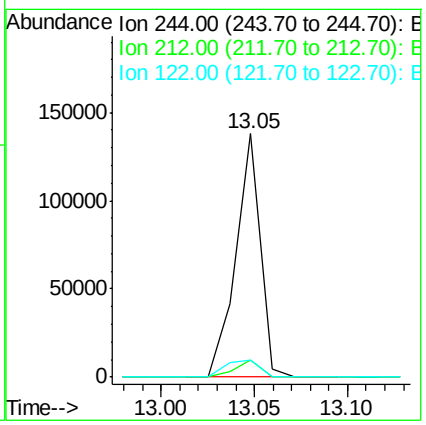


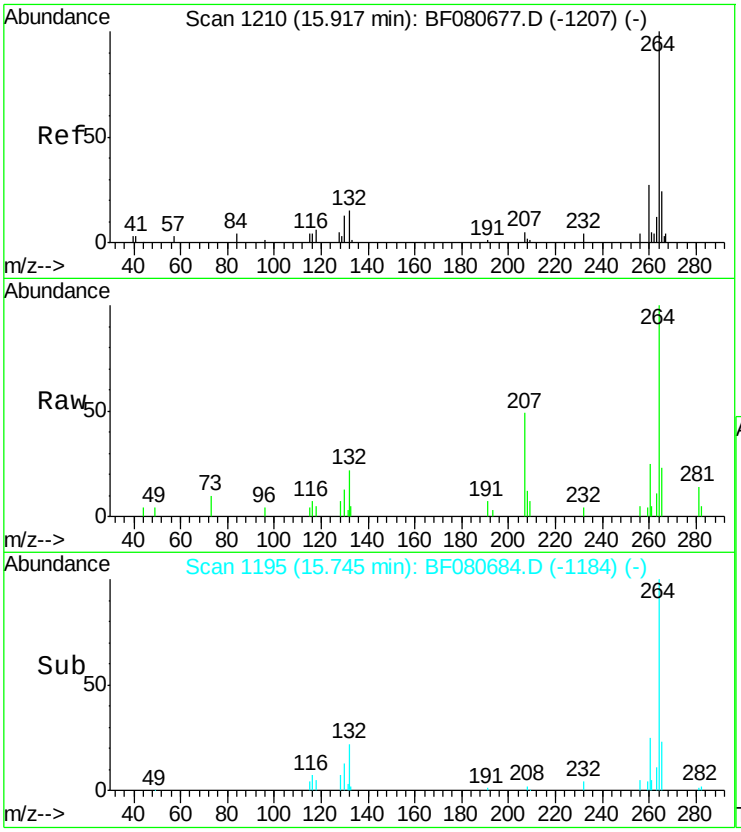


#78
Terphenyl-d14
Concen: 92.12 ng
RT: 13.05 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Tgt Ion:244 Resp: 126463

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	7.1	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.75 min Scan# 1195
Delta R.T. -0.17 min
Lab File: BF080684.D
Acq: 27 Jul 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB84679BL

Tgt Ion:264 Resp: 13699

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.6	32.4
265	23.1	19.3	28.9