Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
Data File : BF077104.D
Acq On : 28 Jan 2015 16:21
Operator : TP/IZ
Sample : G1139-03DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 29 00:42:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	24758	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	103092	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	52735	20.00	ng		0.01
63) Phenanthrene-d10	17.60	188	85852	20.00	ng		0.01
75) Chrysene-d12	21.10	240	83141	20.00	ng		0.00
86) Perylene-d12	22.79	264	78145	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.76	112	22401	14.88	ng		0.00
7) Phenol-d6	7.13	99	30295	15.95	ng		-0.01
23) Nitrobenzene-d5	9.02	82	21149	11.37	ng		0.00
41) 2,4,6-Tribromophenol	16.48	330	5449	12.73	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	36436	10.51	ng		0.00
78) Terphenyl-d14	19.84	244	35584	9.85	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	8.87	117	2805	3.85	ng	#	1
19) n-Nitroso-di-n-propylamine	8.80	70	3336	2.51	ng	#	33
22) Acetophenone	8.68	105	29467	11.67	ng	#	57
24) Nitrobenzene	9.02	77	7191	3.79	ng	#	24
31) Naphthalene	10.68	128	66610	12.55	ng		99
35) Caprolactam	11.85	113	2323	5.78	ng	#	1
37) 2-Methylnaphthalene	12.33	142	175834	48.51	ng		95
45) 1,1'-Biphenyl	13.49	154	20734	5.30	ng		96
47) 2-Nitroaniline	13.85	65	3748	3.84	ng	#	50
50) 2,6-Dinitrotoluene	14.45	165	2400	3.21	ng	#	1
51) Acenaphthene	14.83	154	8996	2.92	ng	#	93
52) 3-Nitroaniline	14.86	138	1043	2.85	ng	#	54
55) 4-Nitrophenol	15.42	139	8053	13.74	ng	#	44
56) 2,4-Dinitrotoluene	15.42	165	3737	5.30	ng	#	48
57) Fluorene	16.01	166	22846	6.01	ng	#	86
65) n-Nitrosodiphenylamine	16.39	169	16075	5.25	ng	#	35
68) Atrazine	17.37	200	2805	3.02	ng	#	51
70) Phenanthrene	17.64	178	64199	11.99	ng	#	96
77) Pyrene	19.57	202	15854	2.78	ng	#	77

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
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Acq On : 28 Jan 2015 16:21
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
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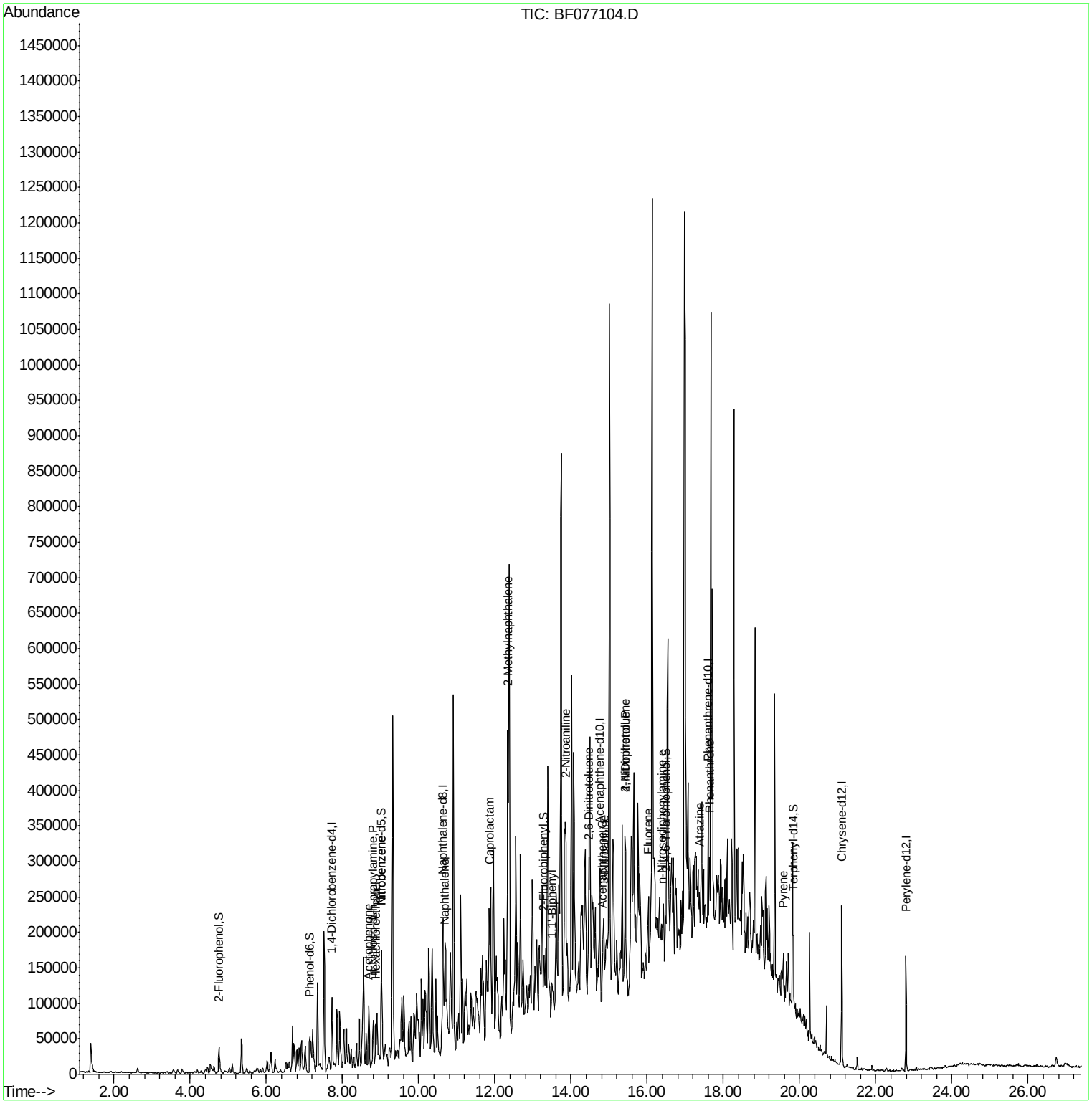
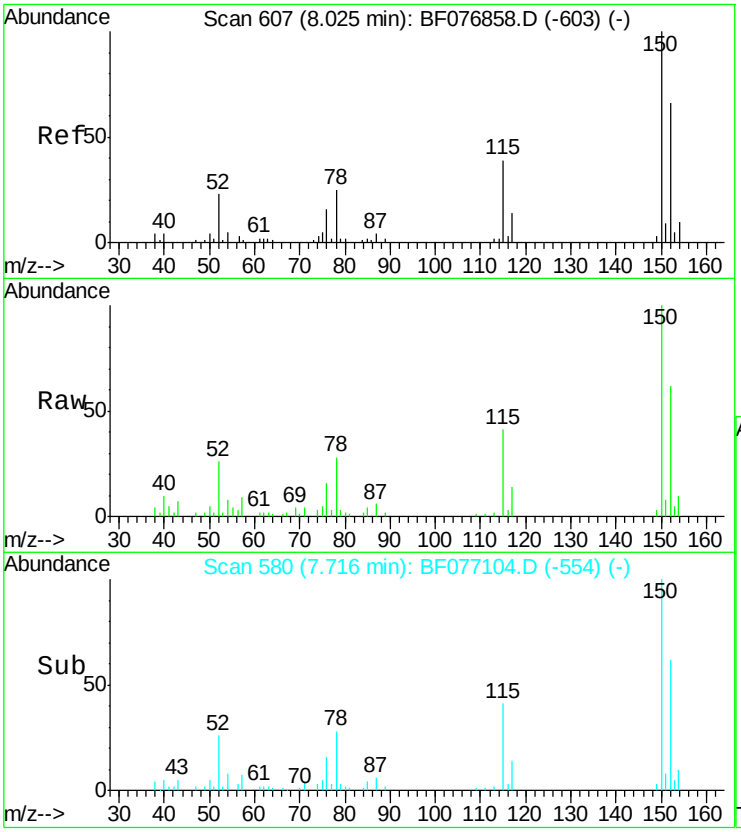
Response via : Initial Calibration



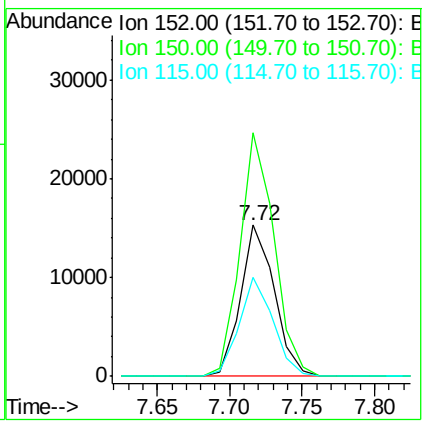


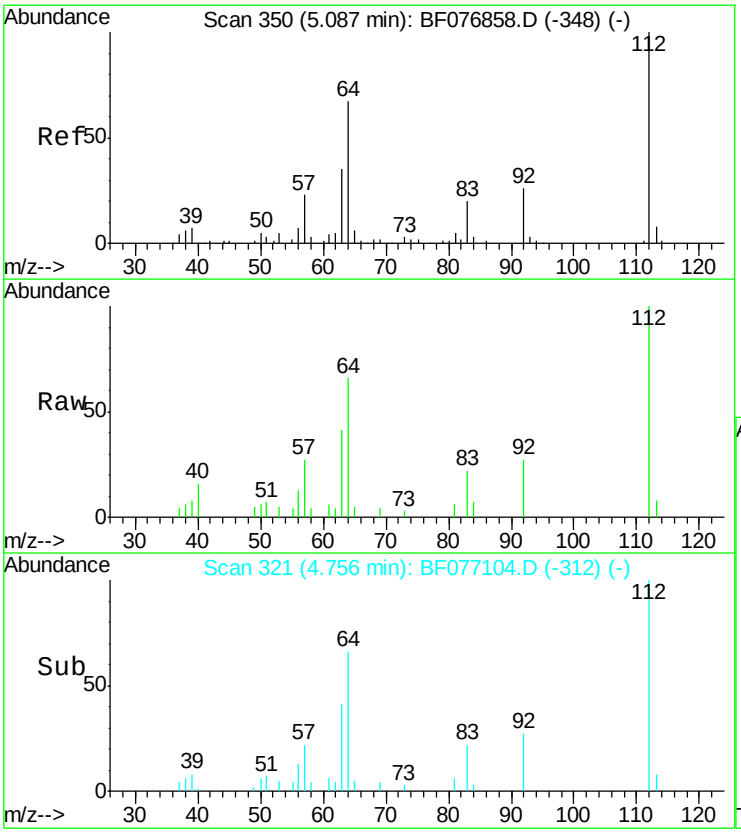
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 24758

Ion	Ratio	Lower	Upper
152	100		
150	161.4	121.7	182.5
115	65.8	47.0	70.6

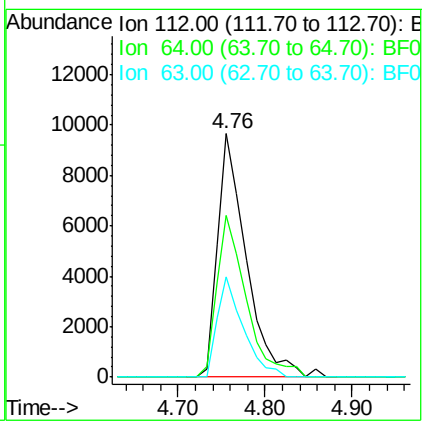


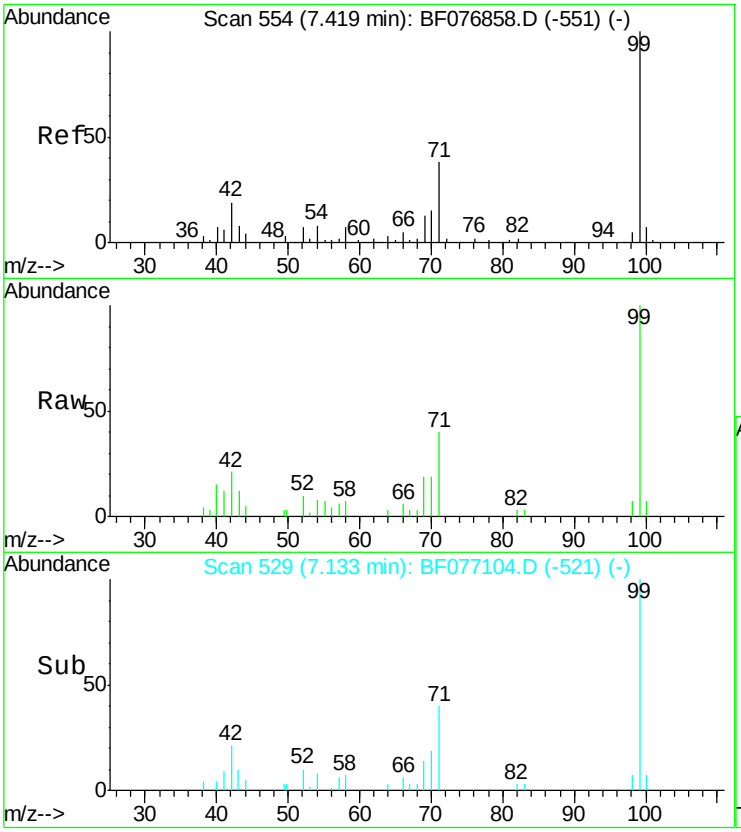


#5
2-Fluorophenol
Concen: 14.88 ng
RT: 4.76 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:112 Resp: 22401

Ion	Ratio	Lower	Upper
112	100		
64	66.4	54.2	81.4
63	41.0	28.4	42.6



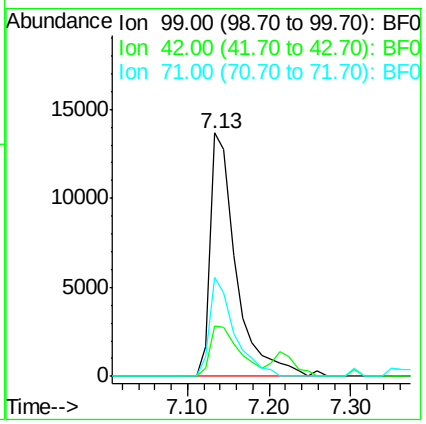


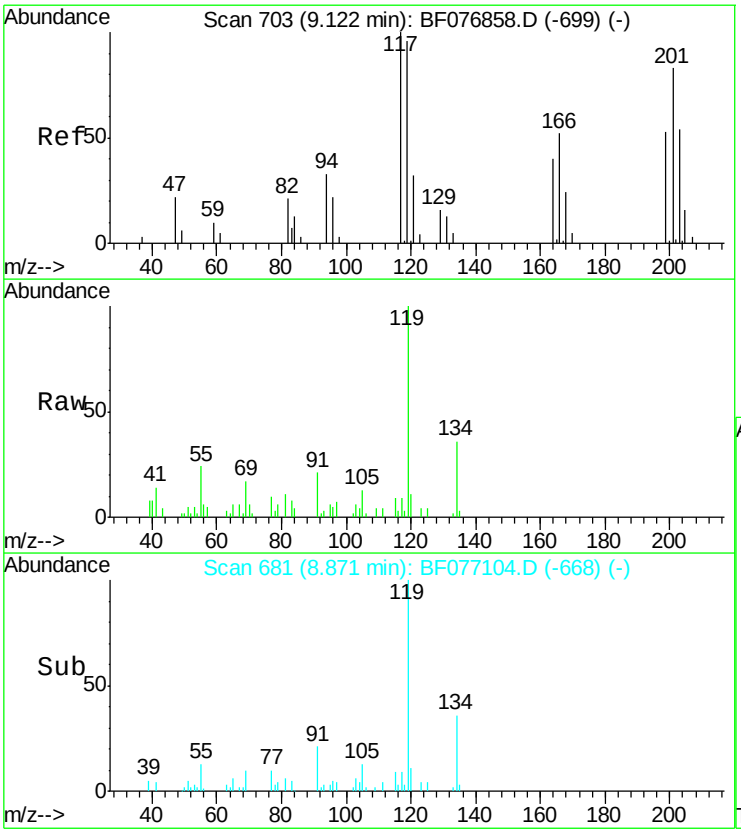
#7
Phenol-d6
Concen: 15.95 ng
RT: 7.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 30295

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.0	22.4
71	40.5	30.5	45.7

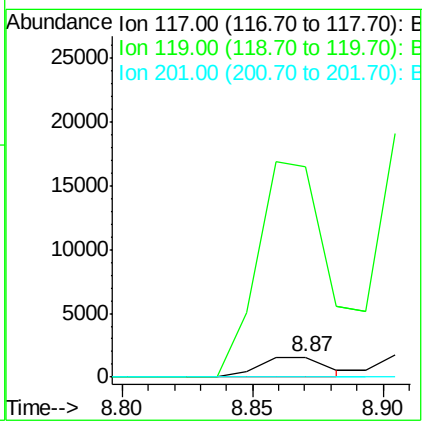


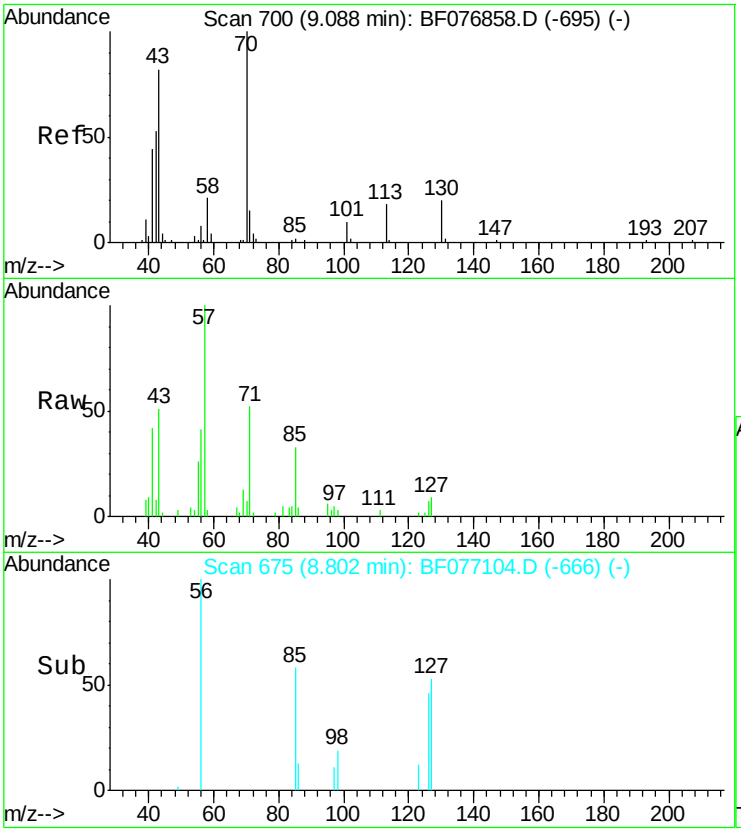


#18
Hexachloroethane
Concen: 3.85 ng
RT: 8.87 min Scan# 681
Delta R.T. 0.05 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:117 Resp: 2805

Ion	Ratio	Lower	Upper
117	100		
119	1058.9	77.1	115.7#
201	0.0	66.8	100.2#



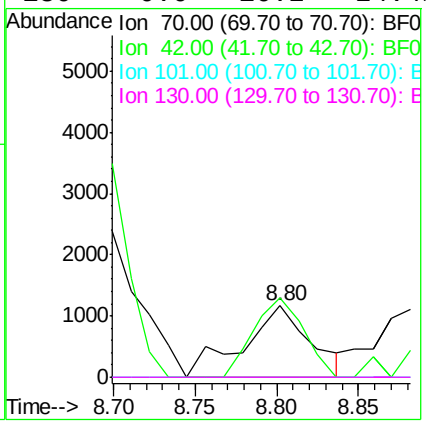


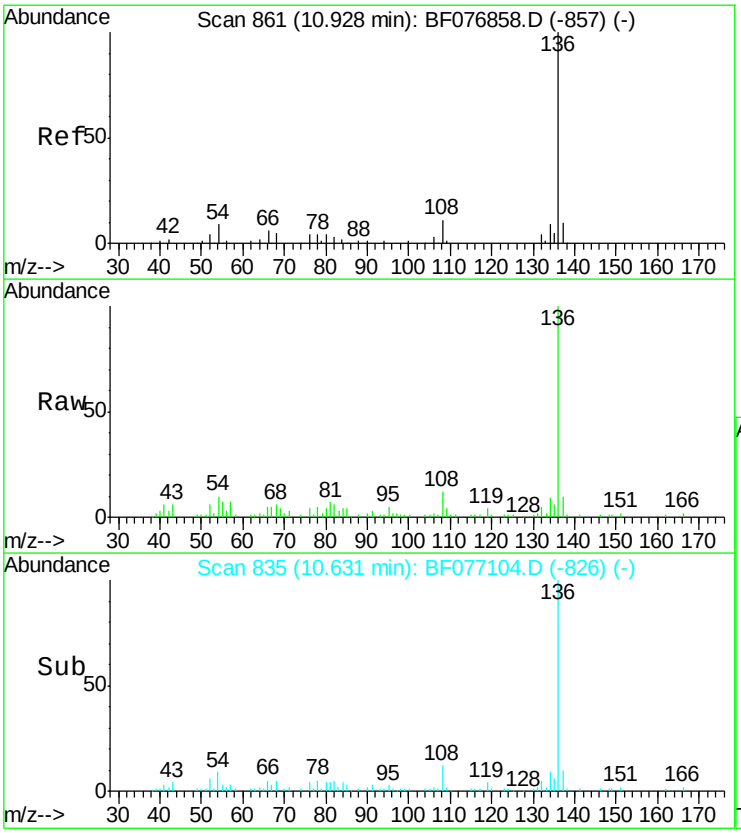
#19
n-Nitroso-di-n-propylamine
Concen: 2.51 ng
RT: 8.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 3336

Ion	Ratio	Lower	Upper
70	100		
42	111.6	42.1	63.1#
101	0.0	7.8	11.8#
130	0.0	16.2	24.4#

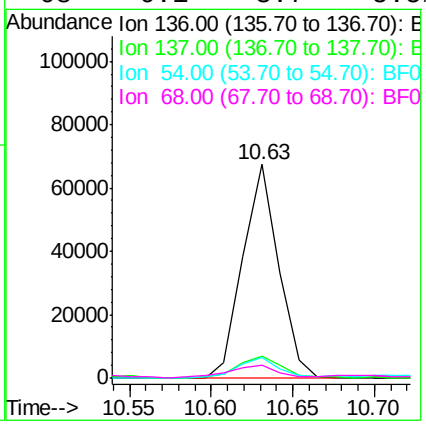


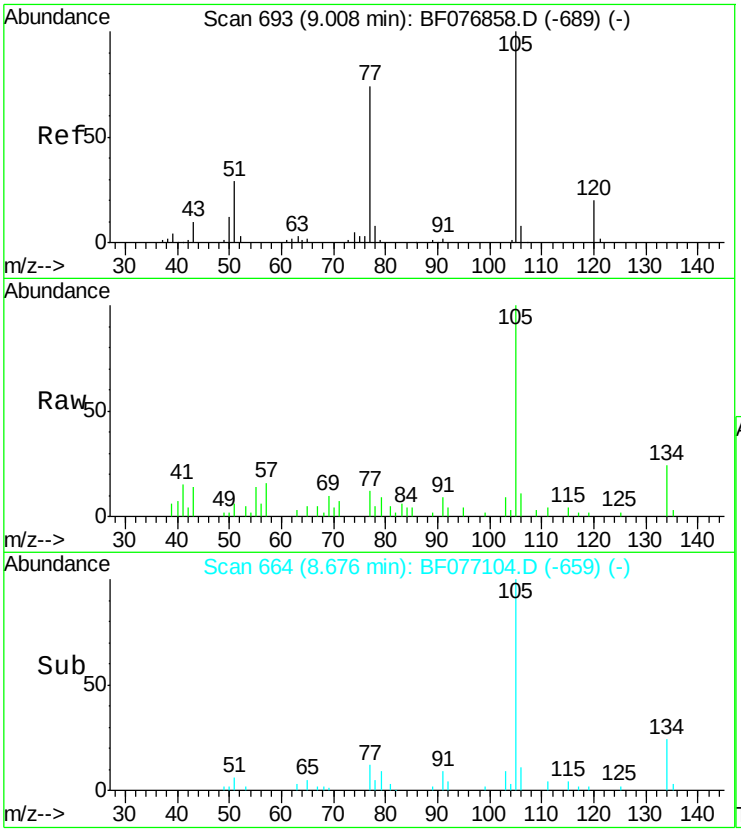


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:136 Resp: 103092

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	9.8	7.0	10.4
68	6.1	3.7	5.5#



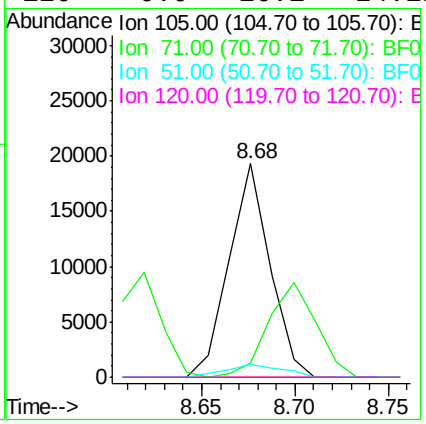


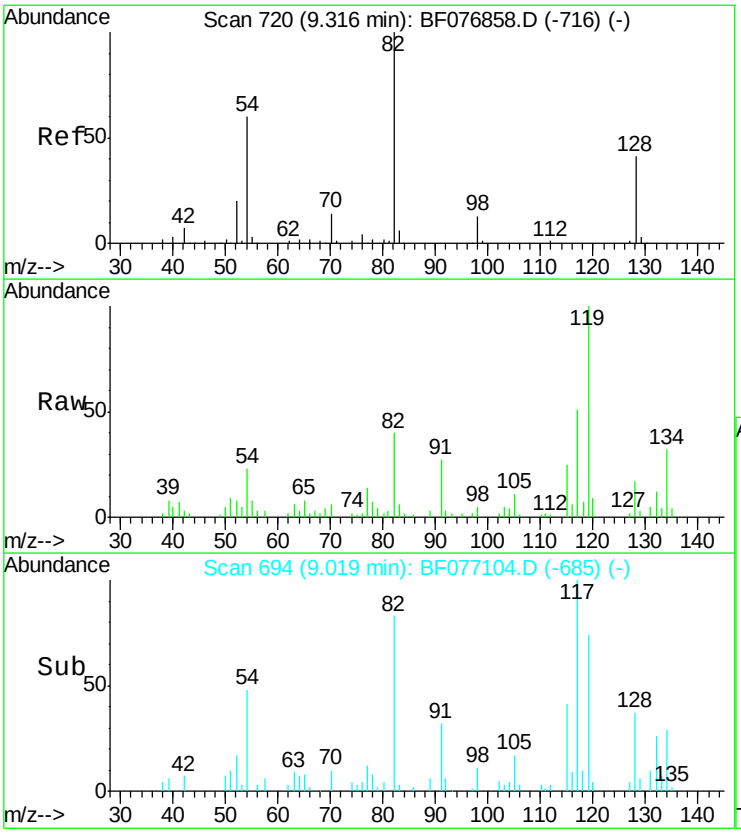
#22
Acetophenone
Concen: 11.67 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 29467

Ion	Ratio	Lower	Upper
105	100		
71	6.8	0.0	0.0#
51	5.9	23.3	34.9#
120	0.0	16.1	24.1#

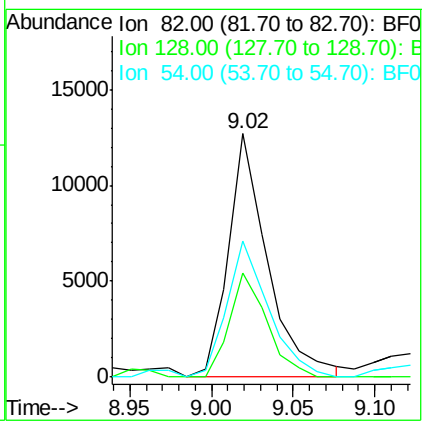


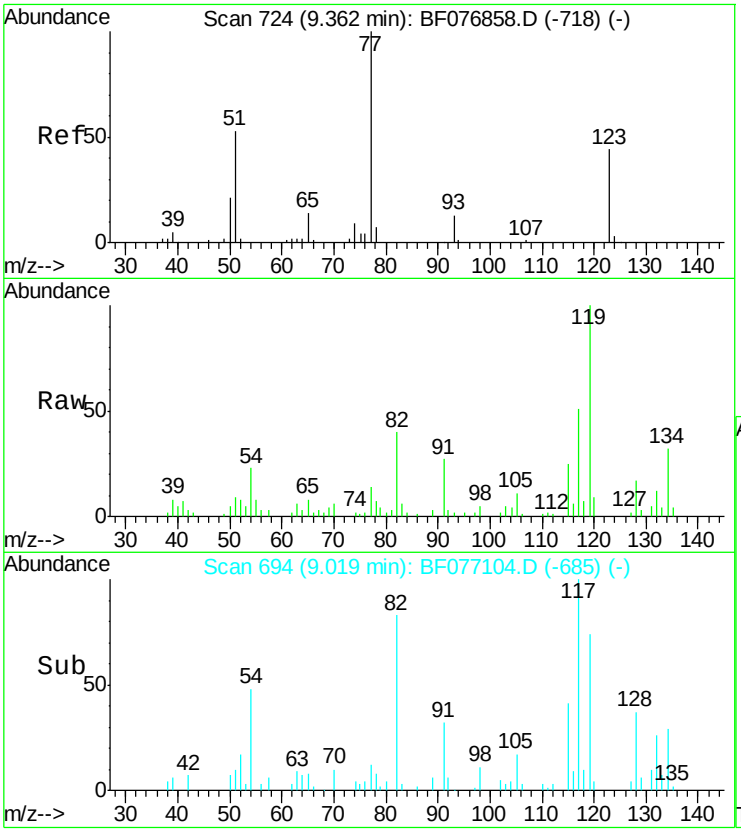


#23
Nitrobenzene-d5
Concen: 11.37 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion: 82 Resp: 21149

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.1	49.7
54	55.9	48.3	72.5



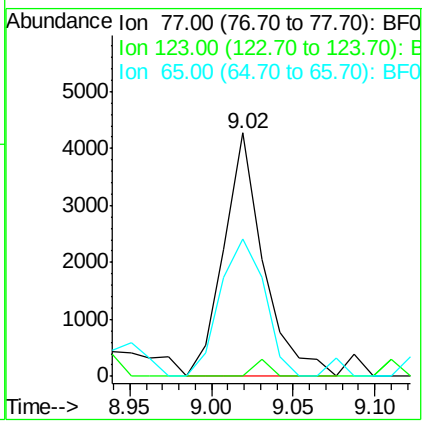


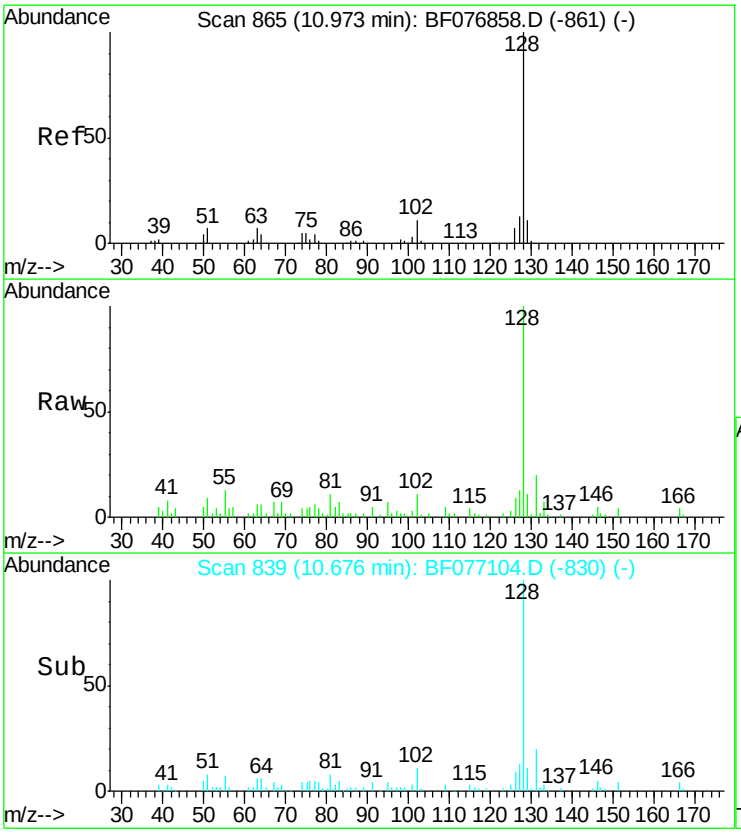
#24
Nitrobenzene
Concen: 3.79 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 7191

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.2	52.8#
65	56.3	11.4	17.2#

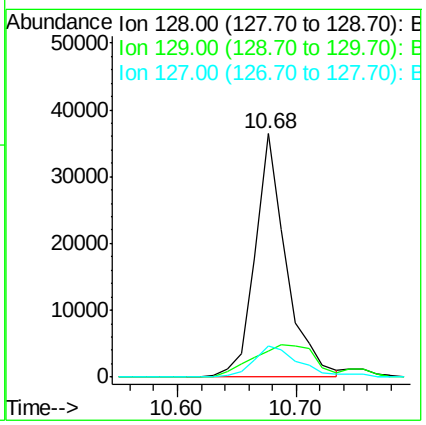


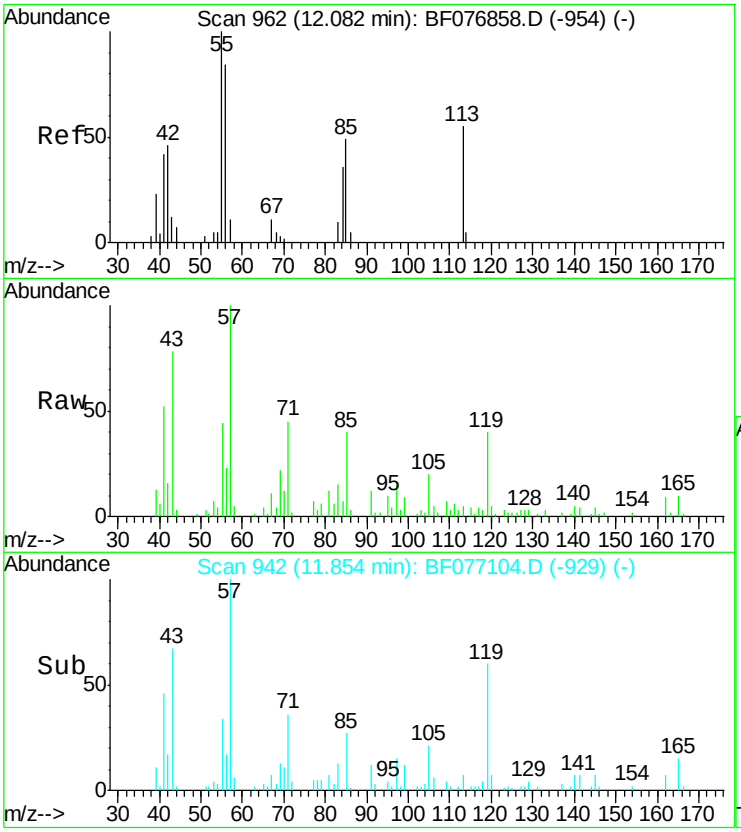


#31
Naphthalene
Concen: 12.55 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:128 Resp: 66610

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.0	10.2	15.2



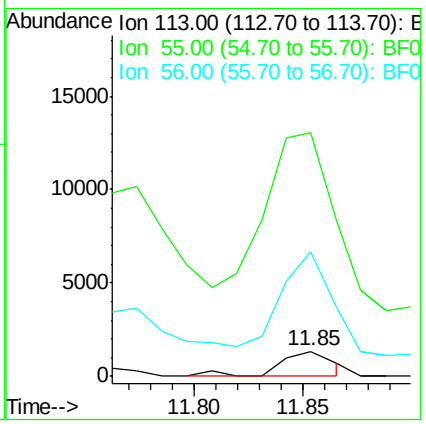


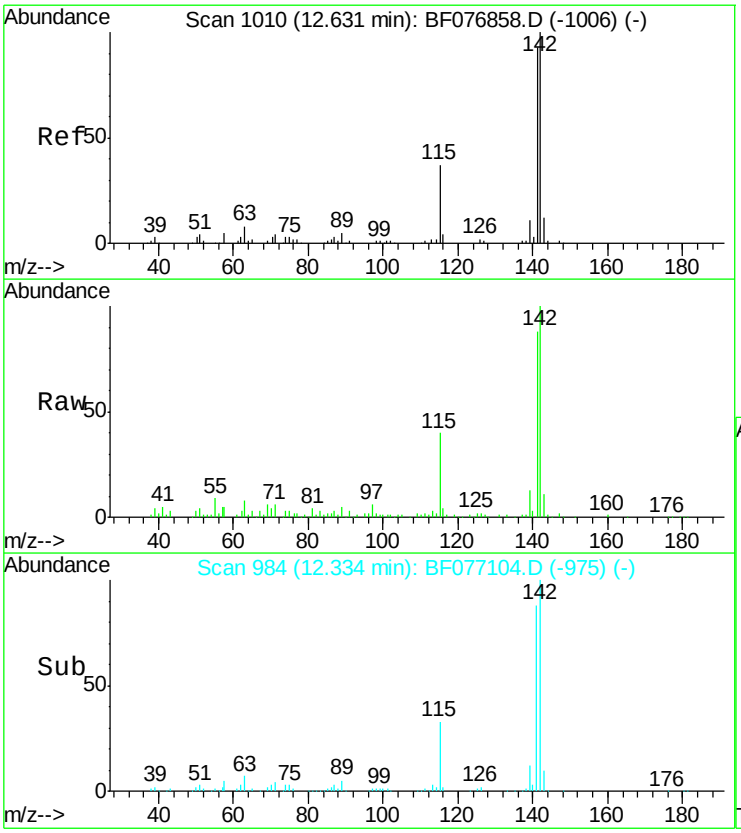
#35
Caprolactam
Concen: 5.78 ng
RT: 11.85 min Scan# 942
Delta R.T. 0.05 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 2323

Ion	Ratio	Lower	Upper
113	100		
55	976.9	162.1	202.1#
56	498.9	133.7	173.7#

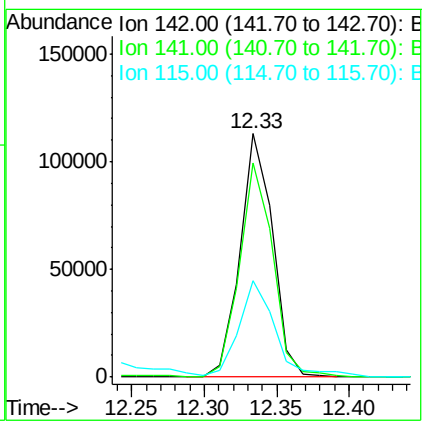


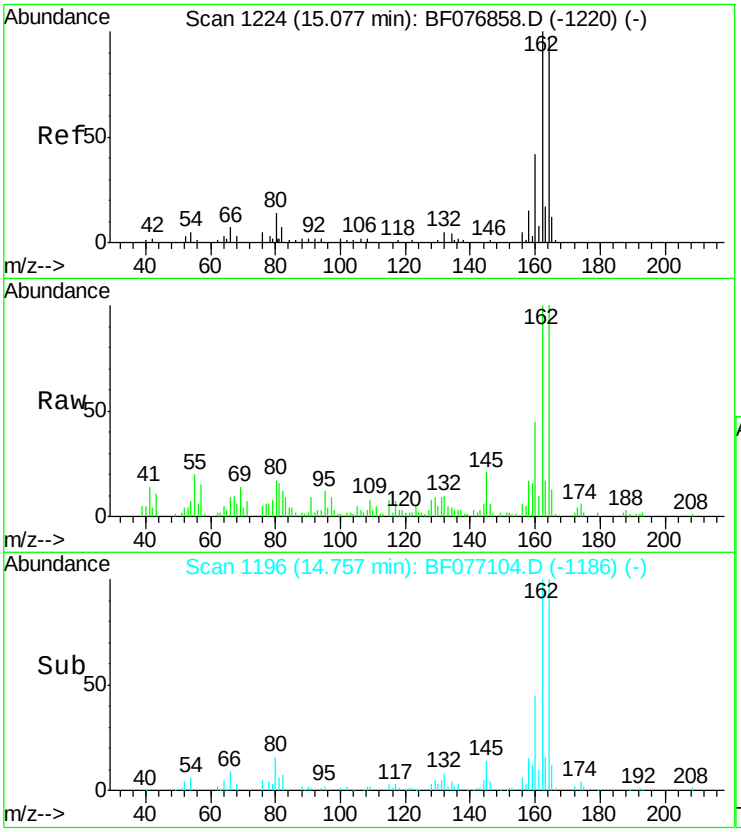


#37
2-Methylnaphthalene
Concen: 48.51 ng
RT: 12.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:142 Resp: 175834

Ion	Ratio	Lower	Upper
142	100		
141	88.1	74.5	111.7
115	39.8	29.7	44.5



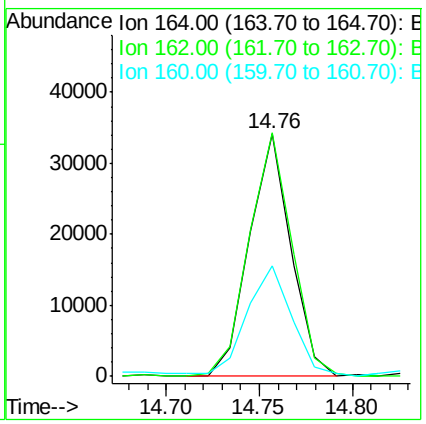


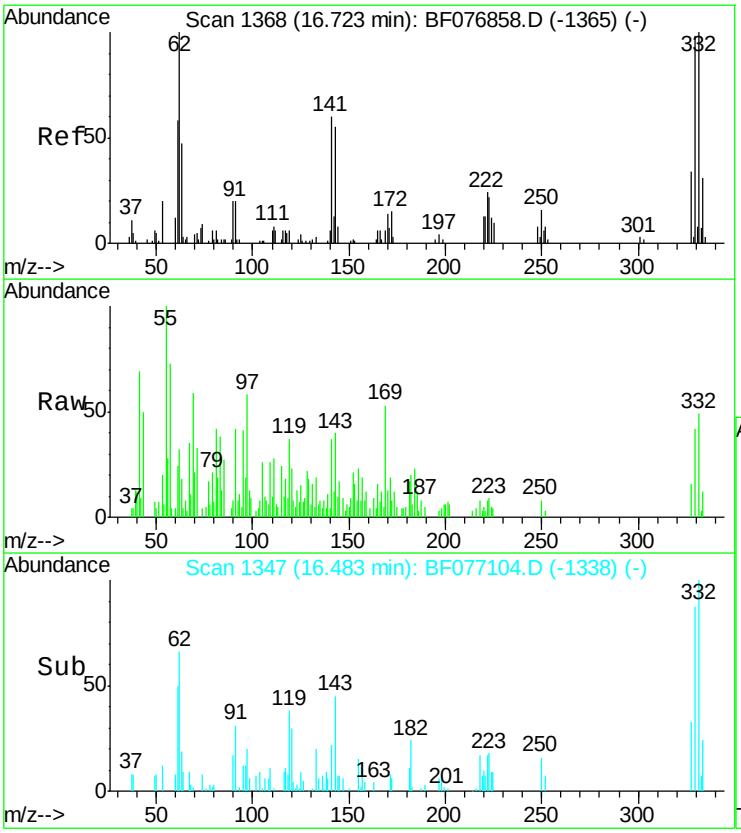
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 52735

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	45.5	34.8	52.2

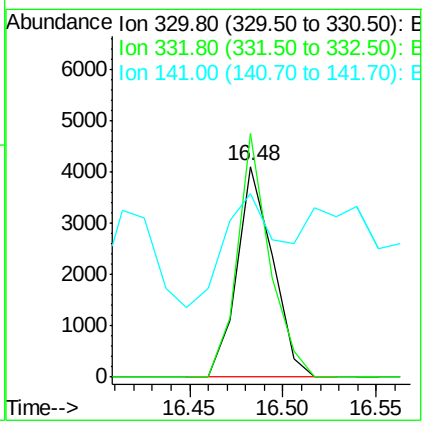


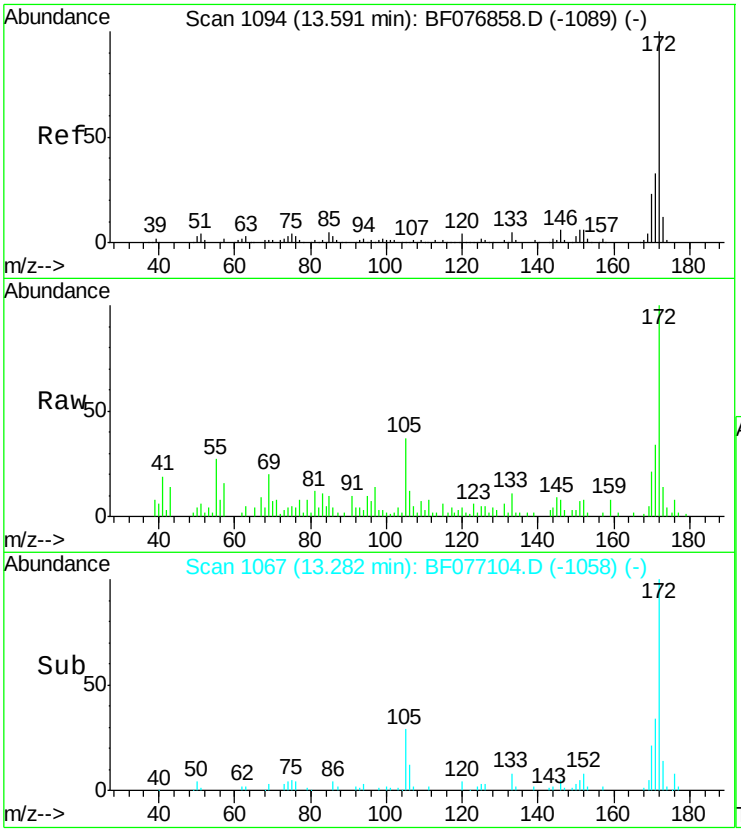


#41
2,4,6-Tribromophenol
Concen: 12.73 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:330 Resp: 5449

Ion	Ratio	Lower	Upper
330	100		
332	105.0	77.8	116.6
141	87.1	38.5	57.7#



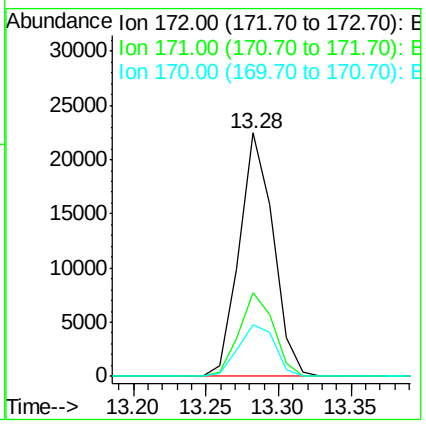


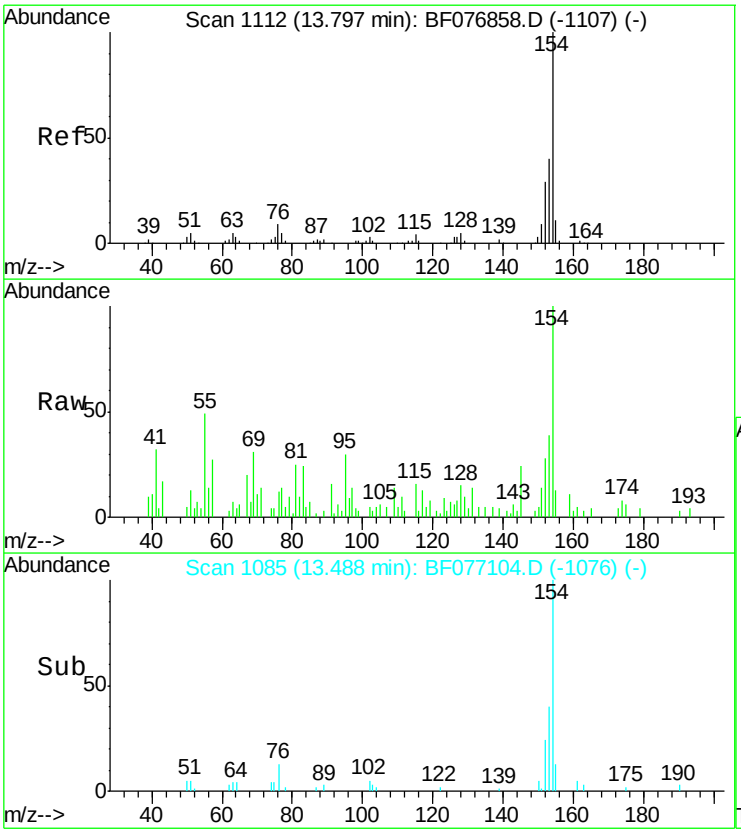
#44
2-Fluorobiphenyl
Concen: 10.51 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 36436

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.6	40.0
170	21.1	18.0	27.0

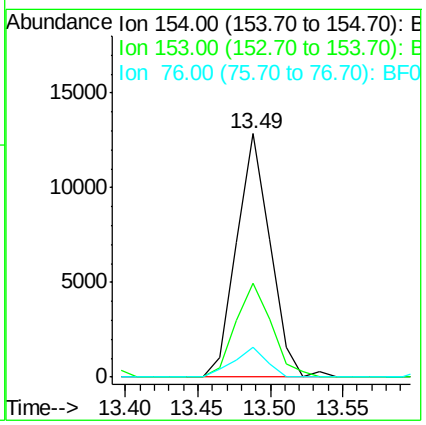


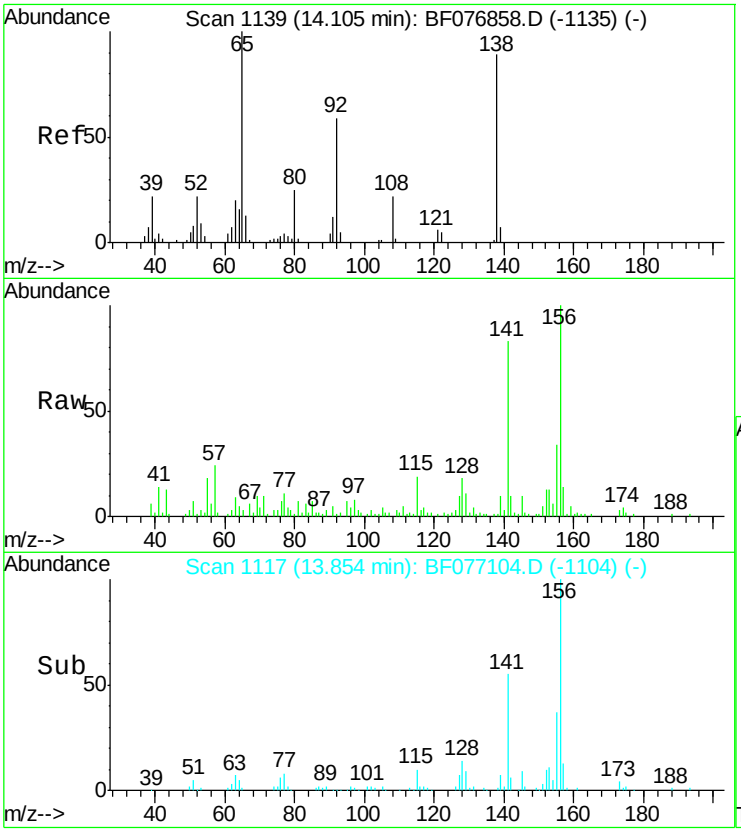


#45
1,1'-Biphenyl
Concen: 5.30 ng
RT: 13.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:154 Resp: 20734

Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.2	60.2
76	12.2	0.0	29.0



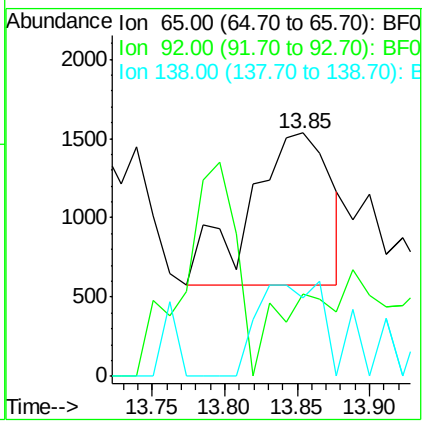


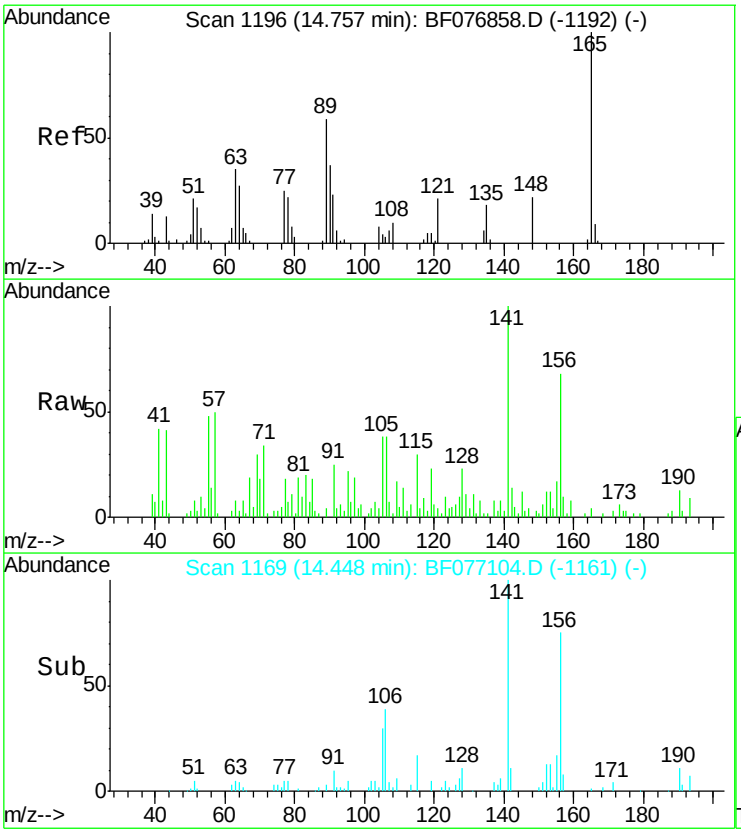
#47
2-Nitroaniline
Concen: 3.84 ng
RT: 13.85 min Scan# 1117
Delta R.T. 0.05 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 3748

Ion	Ratio	Lower	Upper
65	100		
92	33.7	47.3	70.9#
138	32.1	71.4	107.2#

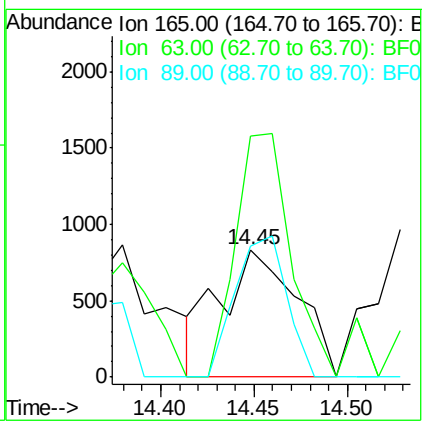


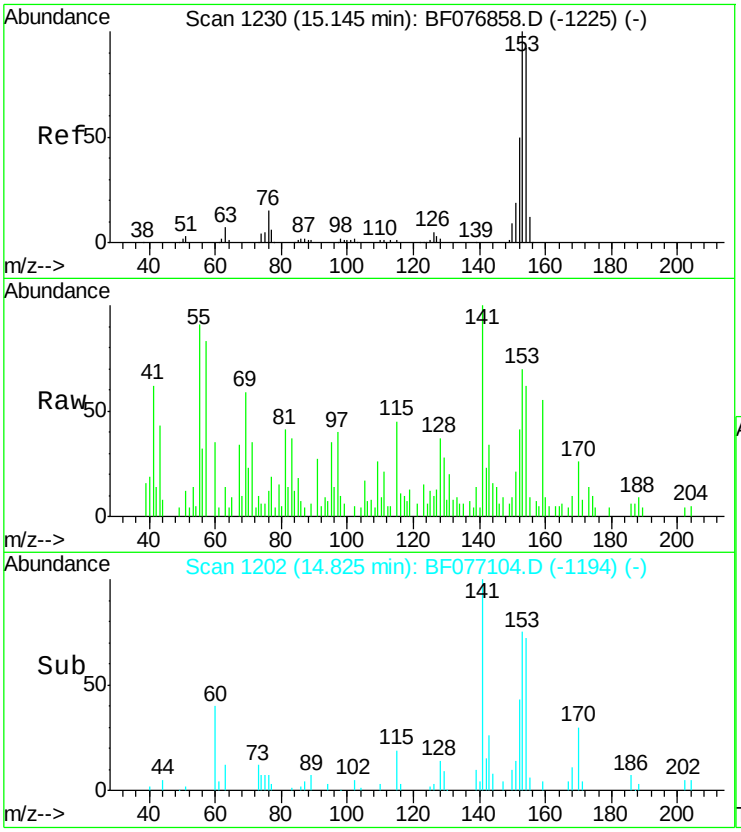


#50
2,6-Dinitrotoluene
Concen: 3.21 ng
RT: 14.45 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:165 Resp: 2400

Ion	Ratio	Lower	Upper
165	100		
63	188.6	48.1	72.1#
89	102.3	47.2	70.8#



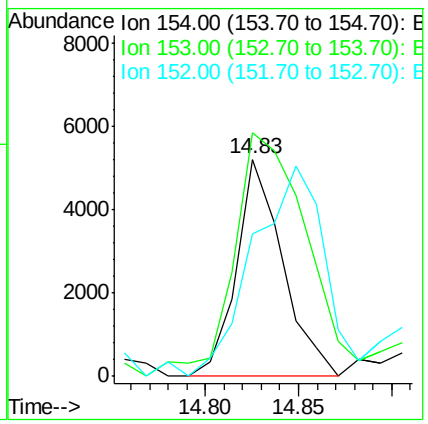


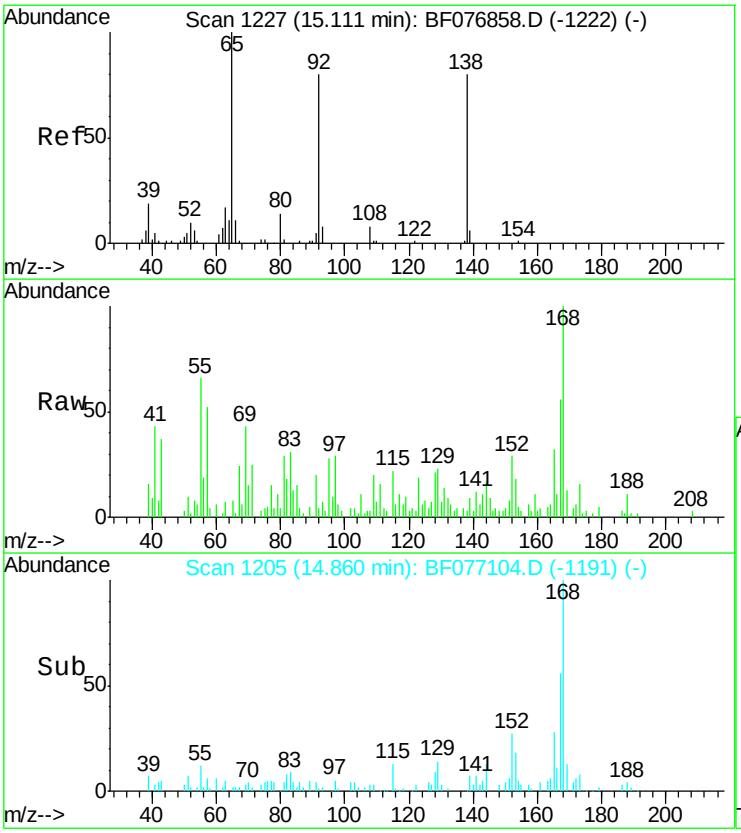
#51
Acenaphthene
Concen: 2.92 ng
RT: 14.83 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 8996

Ion	Ratio	Lower	Upper
154	100		
153	112.2	87.0	130.6
152	65.8	43.5	65.3#

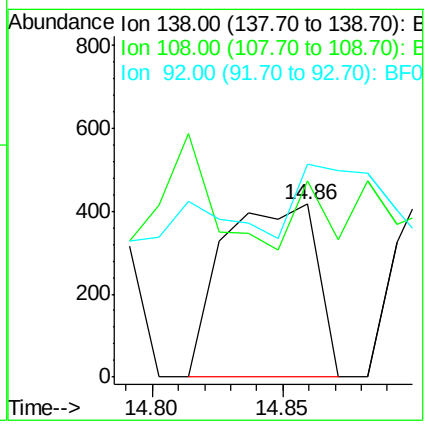


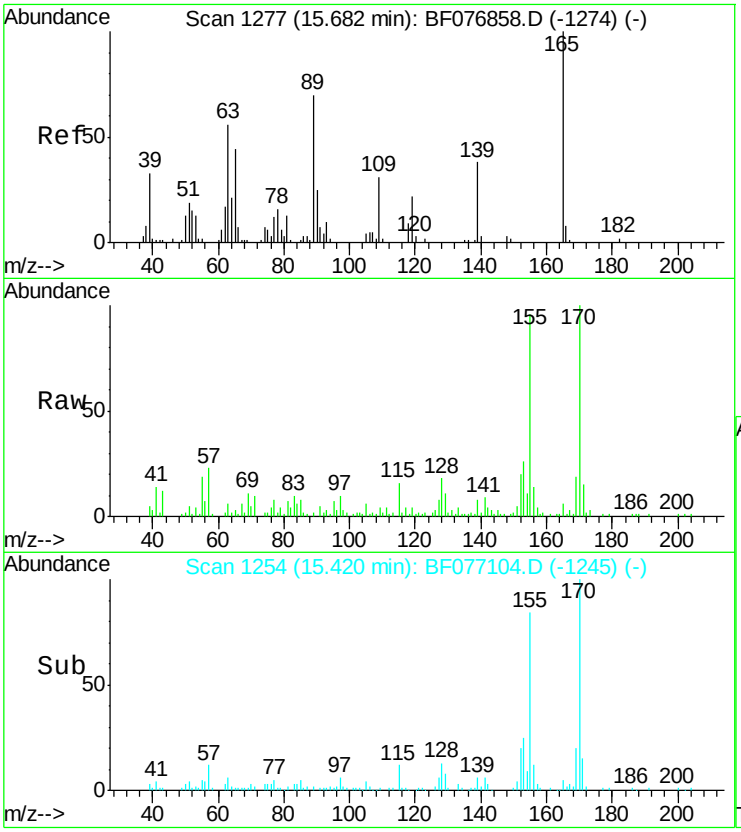


#52
3-Nitroaniline
Concen: 2.85 ng
RT: 14.86 min Scan# 1205
Delta R.T. 0.06 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:138 Resp: 1043

Ion	Ratio	Lower	Upper
138	100		
108	113.7	8.3	12.5#
92	123.5	80.9	121.3#



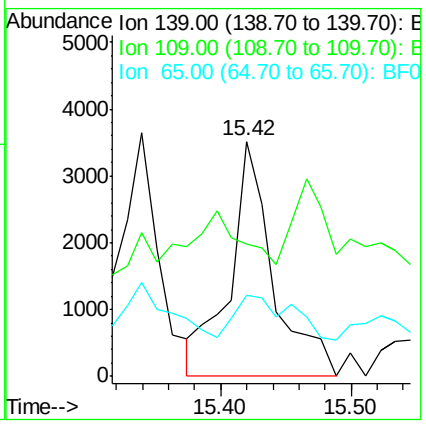


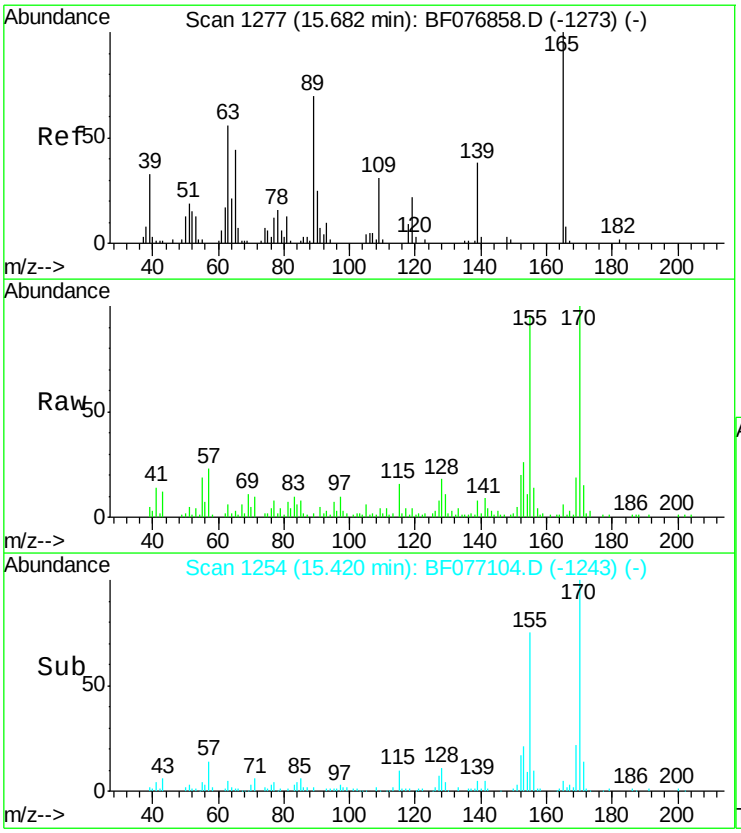
#55
4-Nitrophenol
Concen: 13.74 ng
RT: 15.42 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8053

Ion	Ratio	Lower	Upper
139	100		
109	56.6	61.0	101.0#
65	34.3	96.6	136.6#

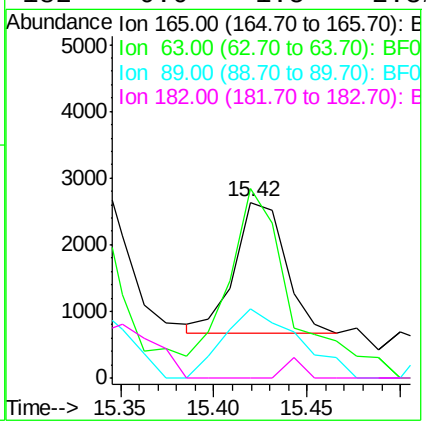


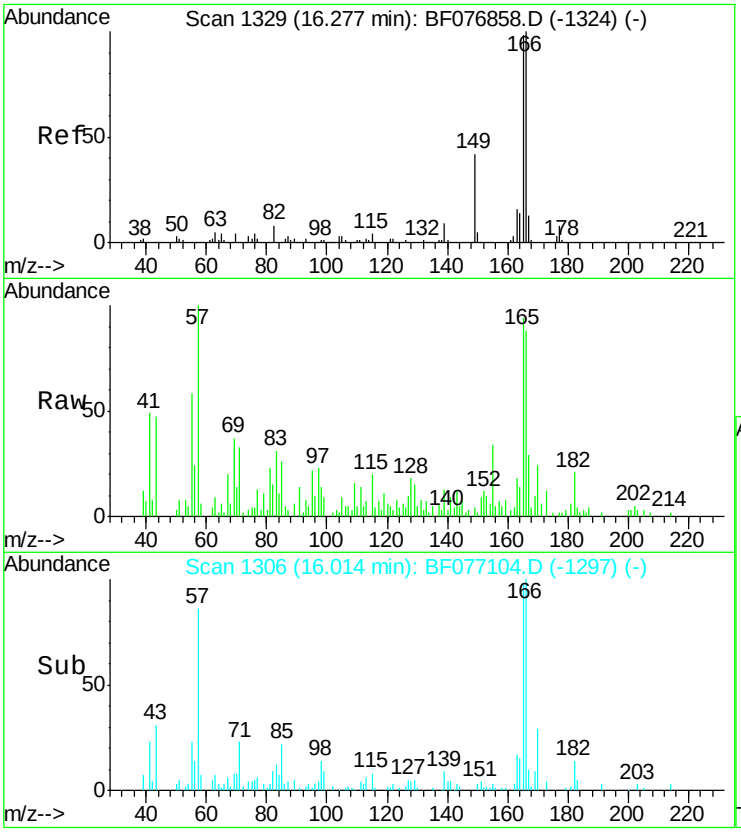


#56
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:165 Resp: 3737

Ion	Ratio	Lower	Upper
165	100		
63	107.7	44.8	67.2#
89	39.2	56.2	84.2#
182	0.0	1.5	2.3#



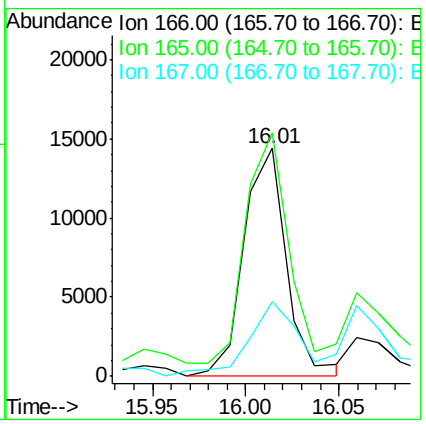


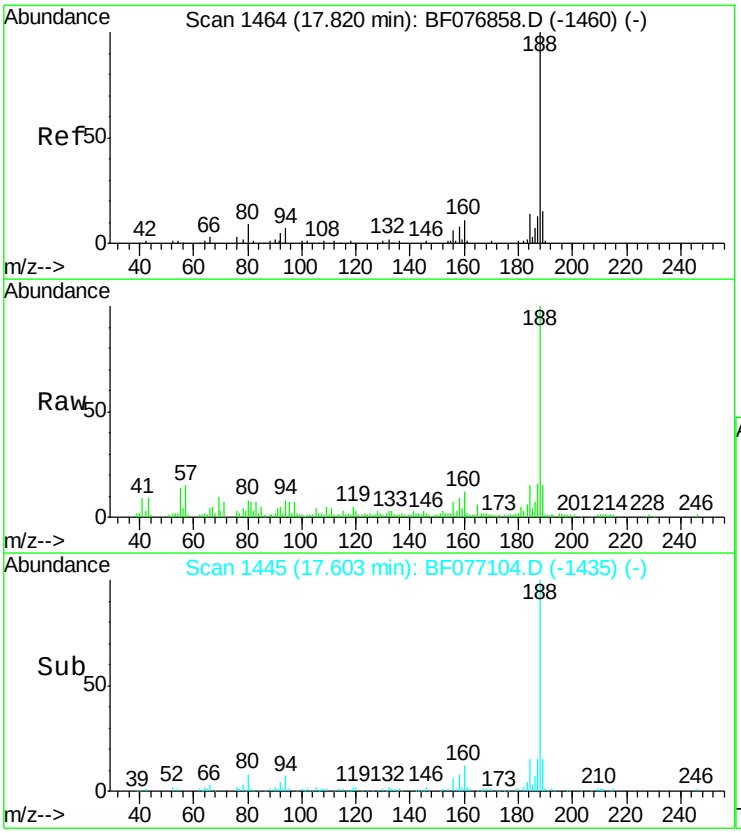
#57
Fluorene
Concen: 6.01 ng
RT: 16.01 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 22846

Ion	Ratio	Lower	Upper
166	100		
165	106.8	78.5	117.7
167	32.8	10.4	15.6#

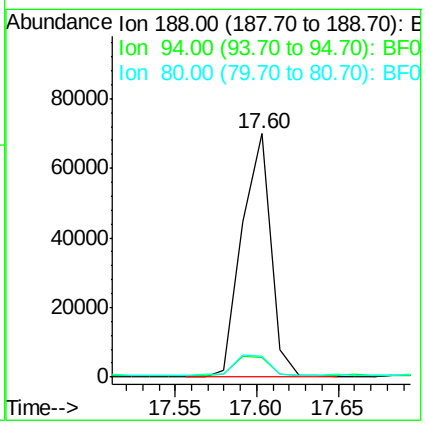


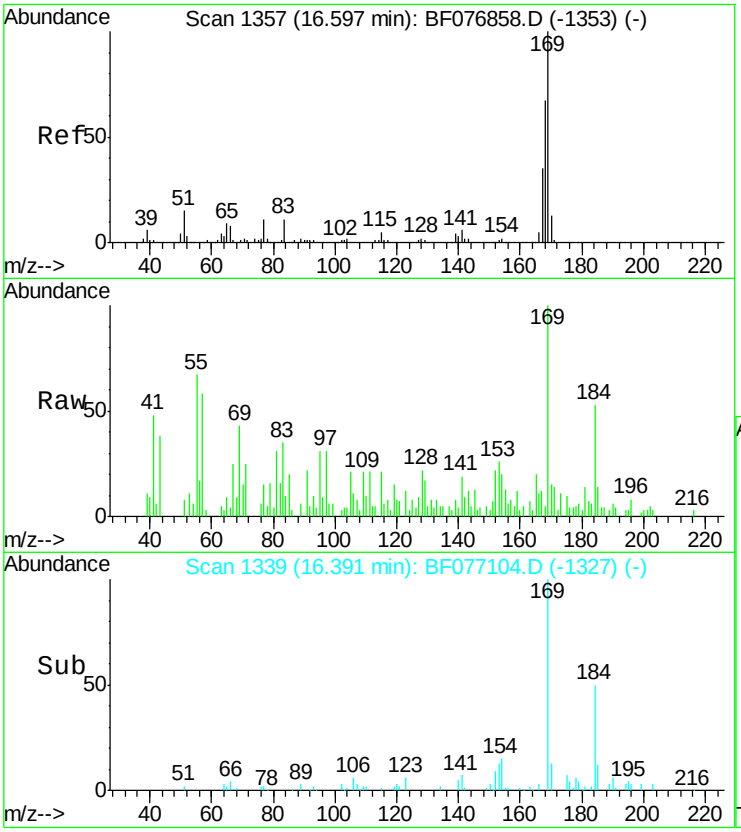


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:188 Resp: 85852

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.0	9.0
80	8.3	6.9	10.3



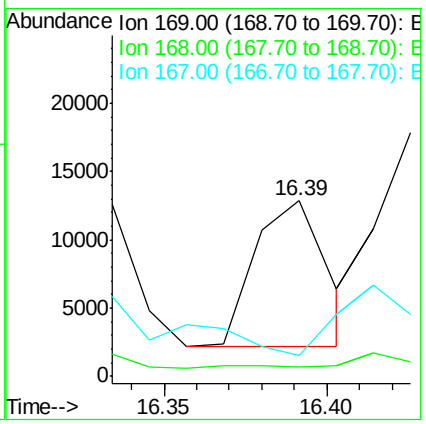


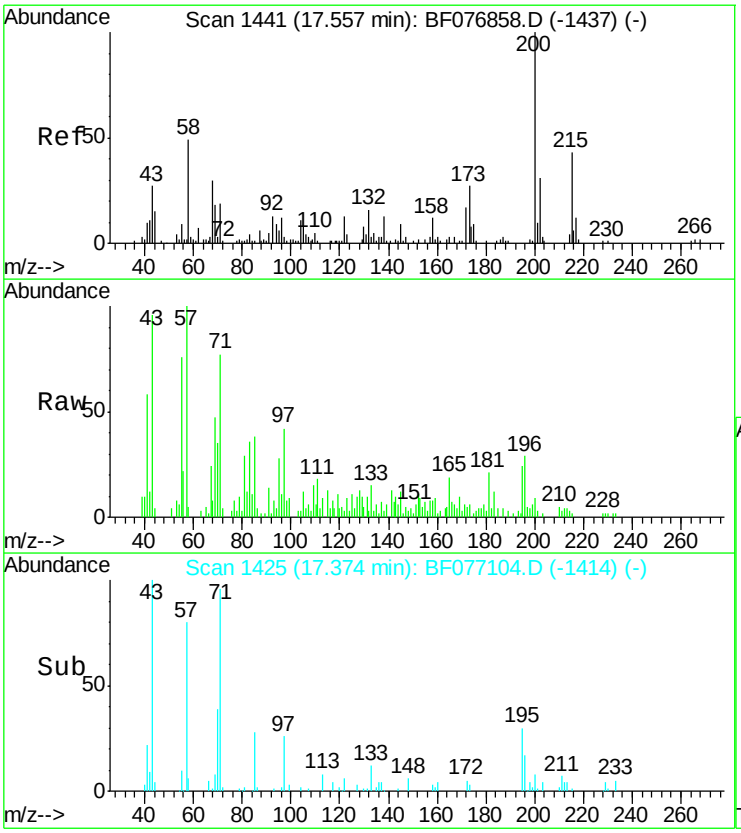
#65
n-Nitrosodiphenylamine
Concen: 5.25 ng
RT: 16.39 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 16075

Ion	Ratio	Lower	Upper
169	100		
168	5.1	53.8	80.6#
167	11.7	27.8	41.6#

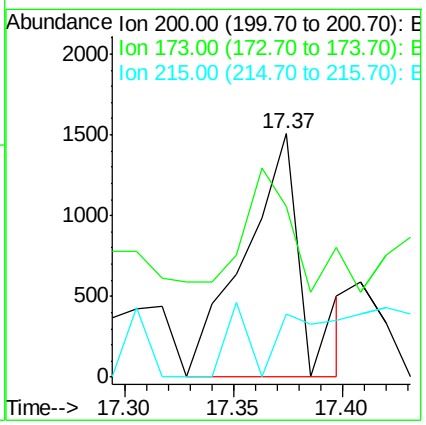


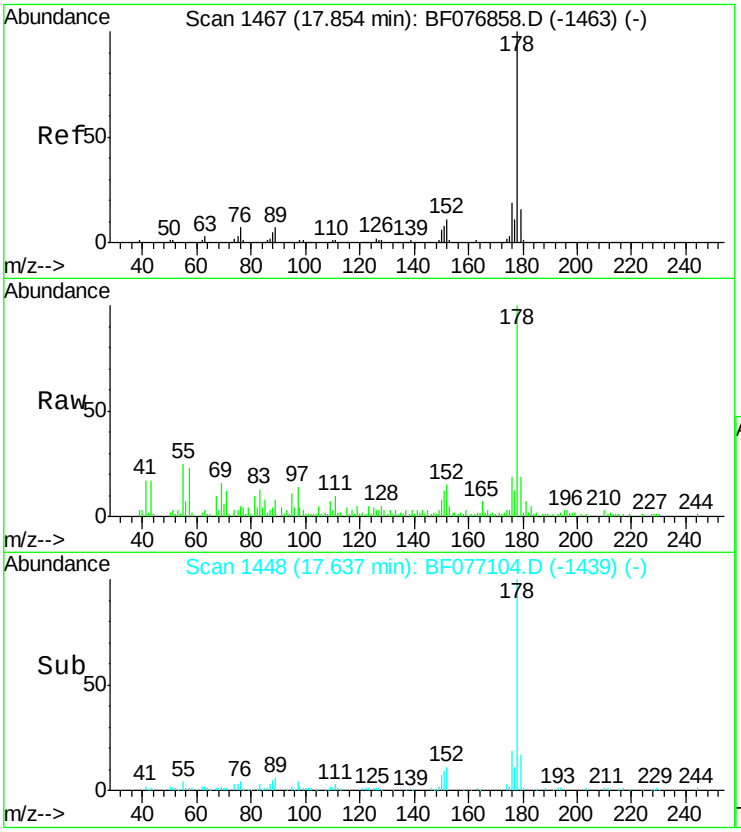


#68
Atrazine
Concen: 3.02 ng
RT: 17.37 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:200 Resp: 2805

Ion	Ratio	Lower	Upper
200	100		
173	70.2	6.6	46.6#
215	25.9	22.9	62.9



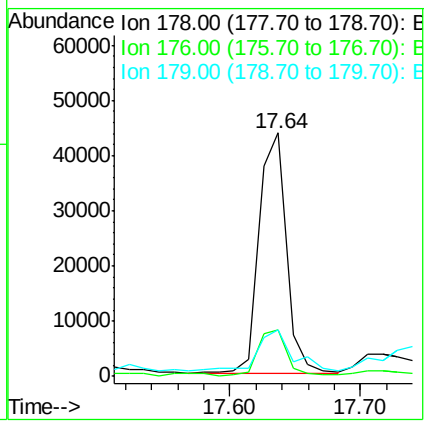


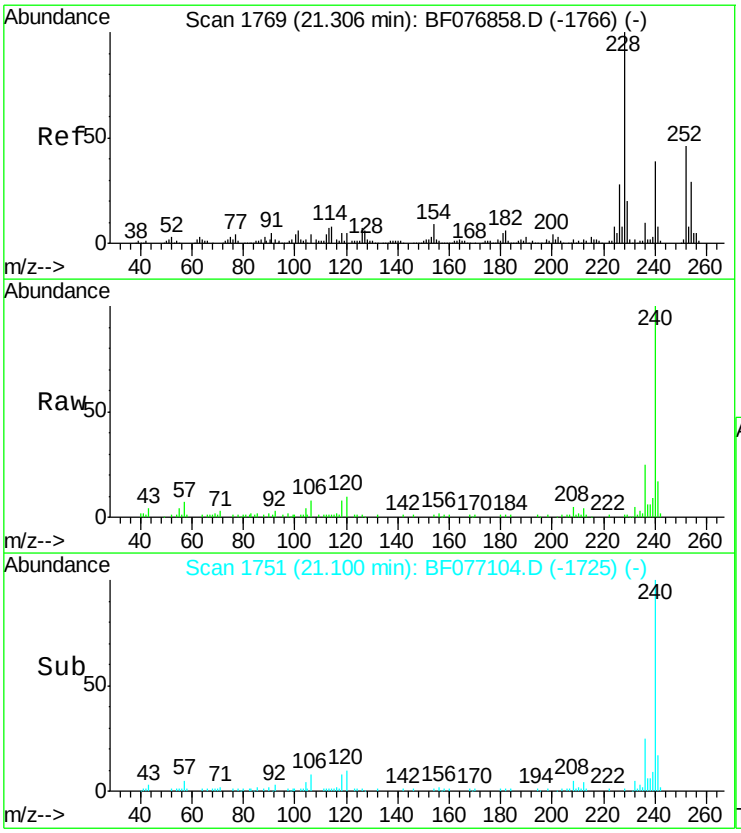
#70
Phenanthrene
Concen: 11.99 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64199

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	19.3	12.7	19.1#

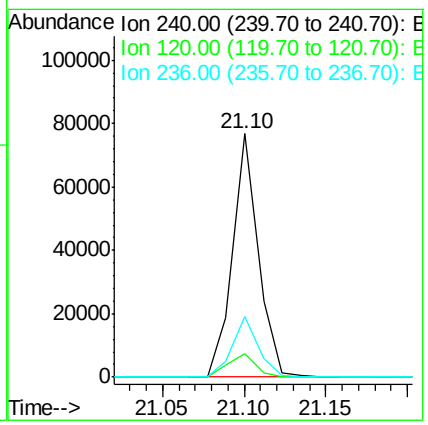


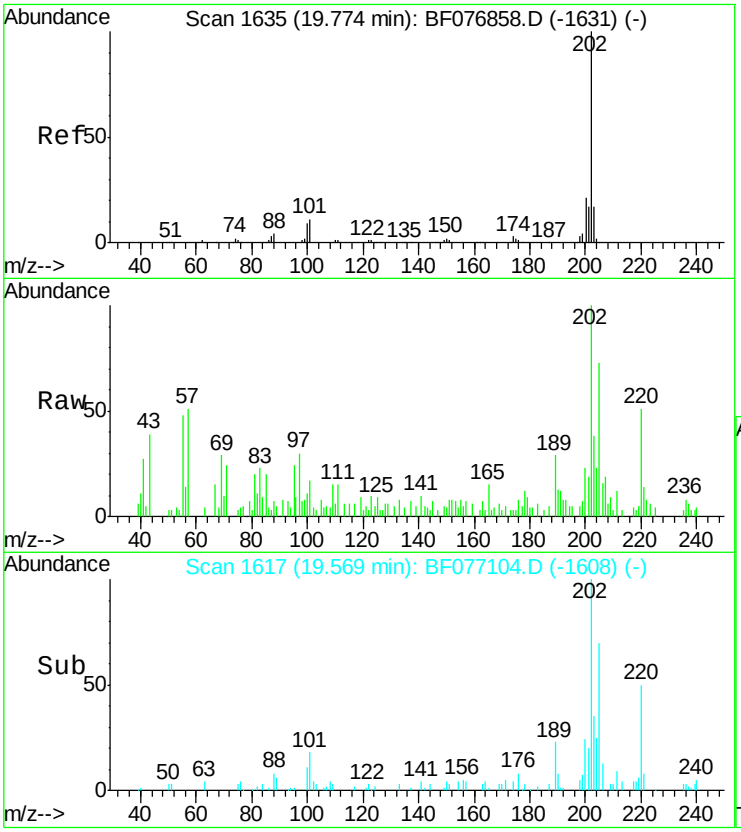


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:240 Resp: 83141

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.4	15.6#
236	25.0	20.2	30.2



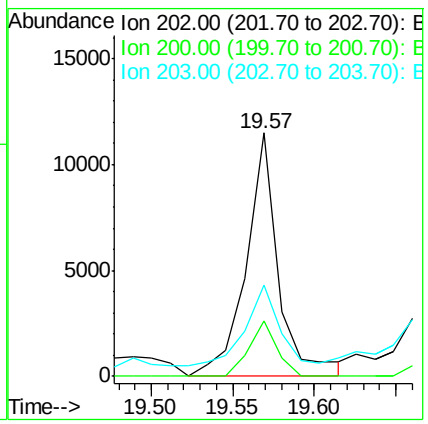


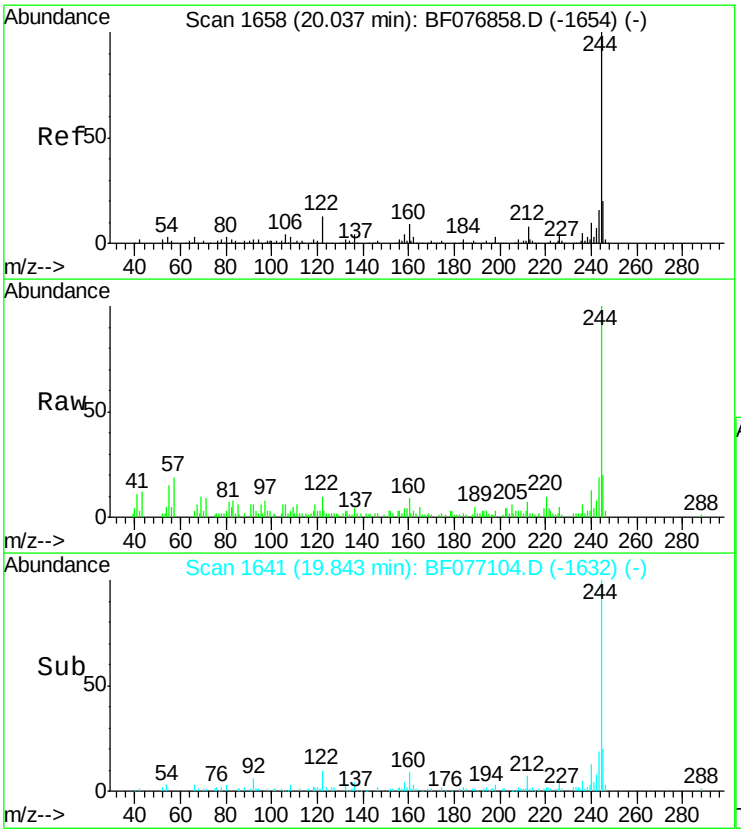
#77
Pyrene
Concen: 2.78 ng
RT: 19.57 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 15854

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.7	25.1
203	37.7	14.0	21.0#

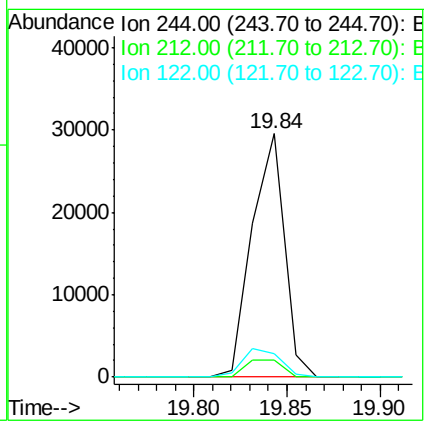


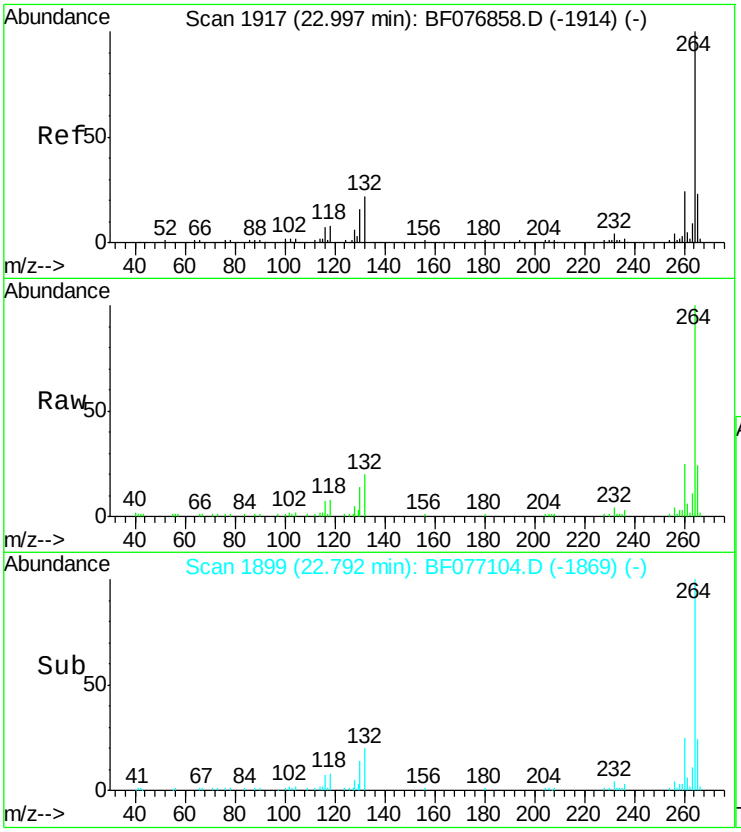


#78
Terphenyl-d14
Concen: 9.85 ng
RT: 19.84 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Tgt Ion:244 Resp: 35584

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	9.8	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.79 min Scan# 1899
Delta R.T. 0.05 min
Lab File: BF077104.D
Acq: 28 Jan 2015 16:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 78145

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	23.8	18.1	27.1