Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
Data File : BF077108.D
Acq On : 28 Jan 2015 18:39
Operator : TP/IZ
Sample : G1139-06DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 29 01:15:50 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	27425	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	107164	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	51411	20.00	ng		0.01
63) Phenanthrene-d10	17.60	188	85404	20.00	ng		0.01
75) Chrysene-d12	21.10	240	83769	20.00	ng		0.00
86) Perylene-d12	22.73	264	76393	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.74	112	128522	77.05	ng		-0.01
7) Phenol-d6	7.13	99	158952	75.54	ng		-0.01
23) Nitrobenzene-d5	9.02	82	100639	52.03	ng		0.00
41) 2,4,6-Tribromophenol	16.48	330	31707	75.98	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	192453	56.97	ng		0.00
78) Terphenyl-d14	19.84	244	186696	51.31	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	8.86	117	2809	3.48	ng	#	1
19) n-Nitroso-di-n-propylamine	8.80	70	3532	2.40	ng	#	45
22) Acetophenone	8.68	105	25921	9.88	ng	#	57
24) Nitrobenzene	9.02	77	6963	3.53	ng	#	21
31) Naphthalene	10.68	128	54242	9.83	ng	#	93
37) 2-Methylnaphthalene	12.33	142	156045	41.41	ng		96
45) 1,1'-Biphenyl	13.49	154	19300	5.06	ng		98
47) 2-Nitroaniline	13.85	65	3804	4.00	ng	#	47
49) Dimethylphthalate	14.36	163	19915	5.46	ng		97
50) 2,6-Dinitrotoluene	14.45	165	1943	2.67	ng	#	1
51) Acenaphthene	14.83	154	9258	3.08	ng	#	92
52) 3-Nitroaniline	14.78	138	438	2.26	ng	#	37
55) 4-Nitrophenol	15.42	139	5890	10.31	ng	#	58
56) 2,4-Dinitrotoluene	15.43	165	4722	6.25	ng	#	58
57) Fluorene	16.01	166	24242	6.54	ng	#	75
65) n-Nitrosodiphenylamine	16.39	169	18340	6.02	ng	#	38
70) Phenanthrene	17.64	178	72172	13.55	ng		97
71) Anthracene	17.71	178	11547	2.22	ng	#	22
77) Pyrene	19.57	202	16812	2.93	ng	#	79

(#) = 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 18:39
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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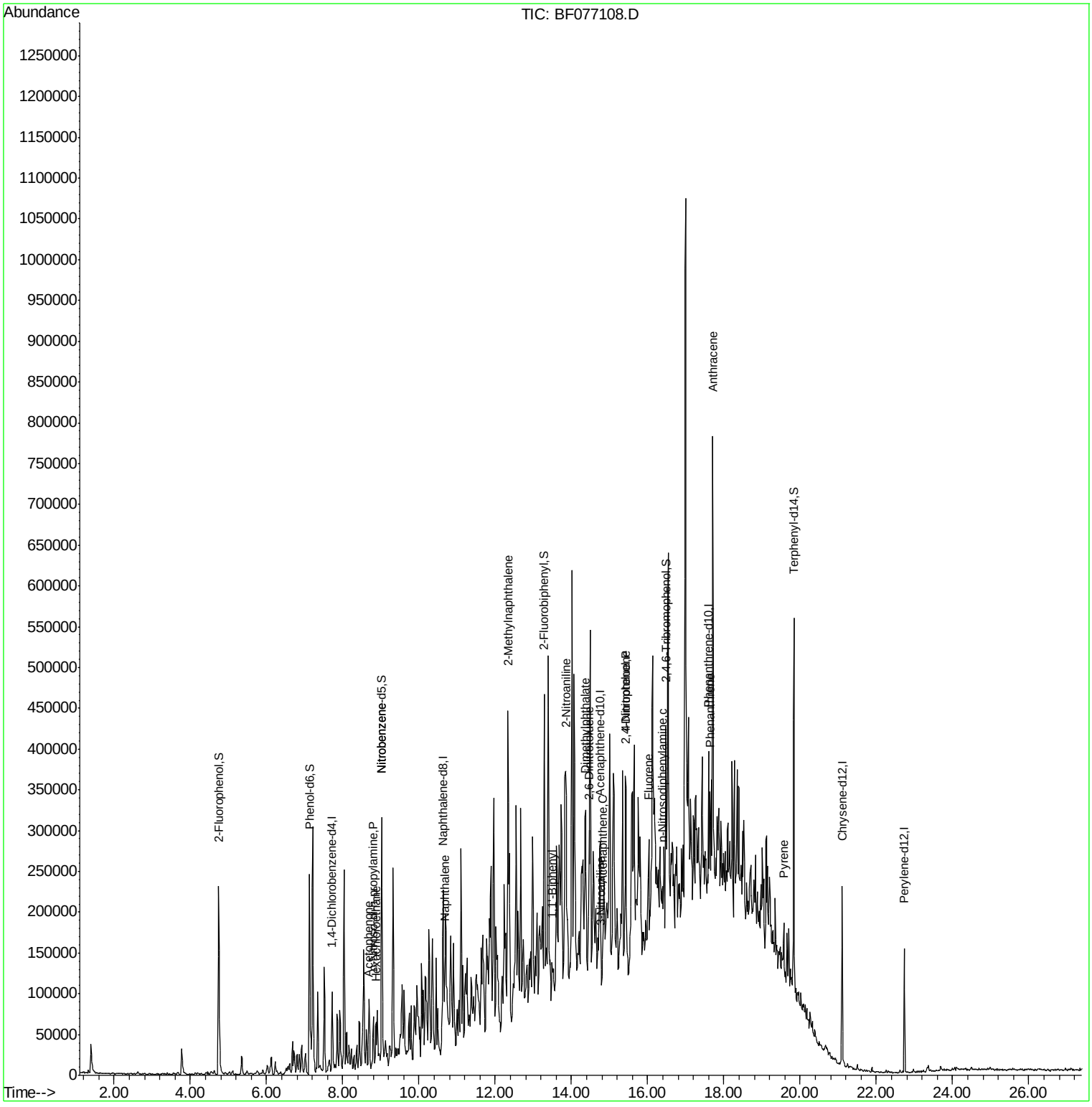
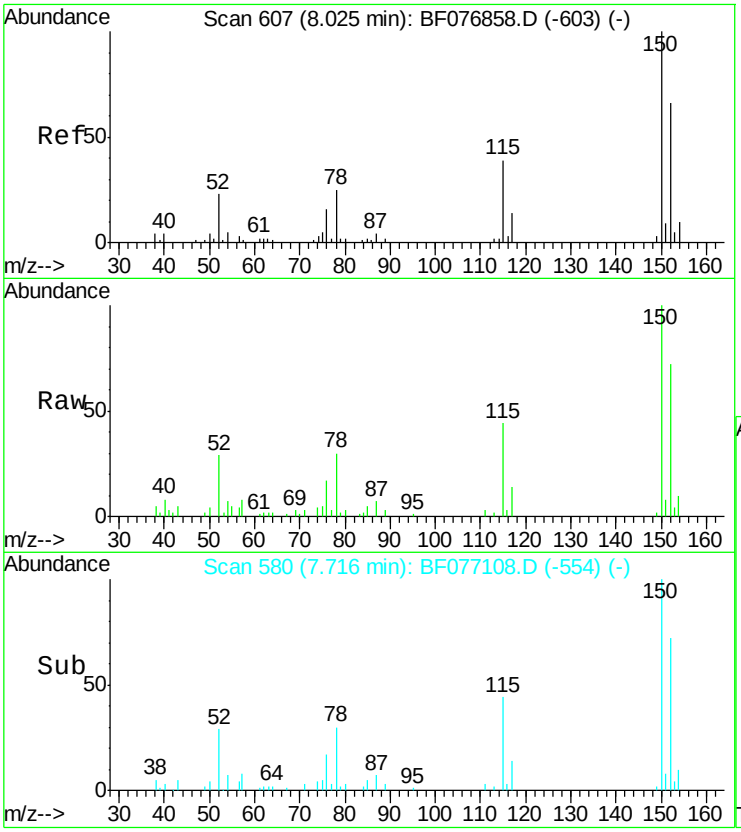
Response via : Initial Calibration



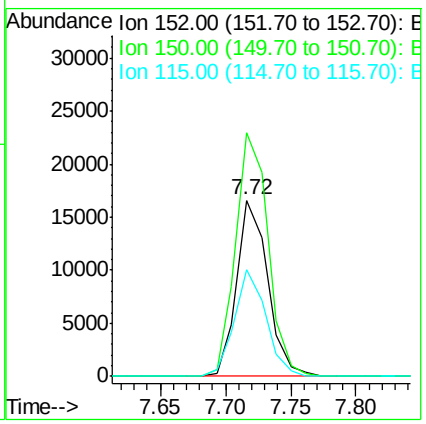


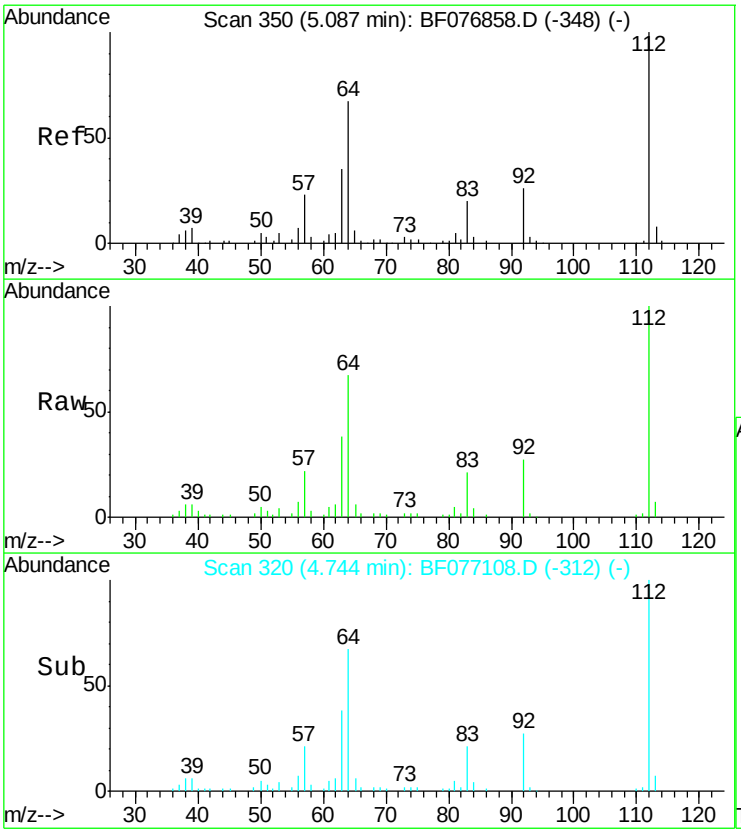
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 27425

Ion	Ratio	Lower	Upper
152	100		
150	138.5	121.7	182.5
115	60.7	47.0	70.6

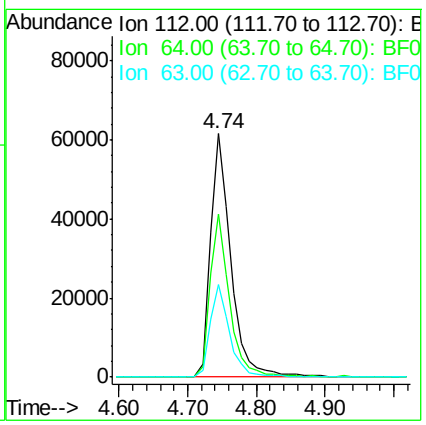


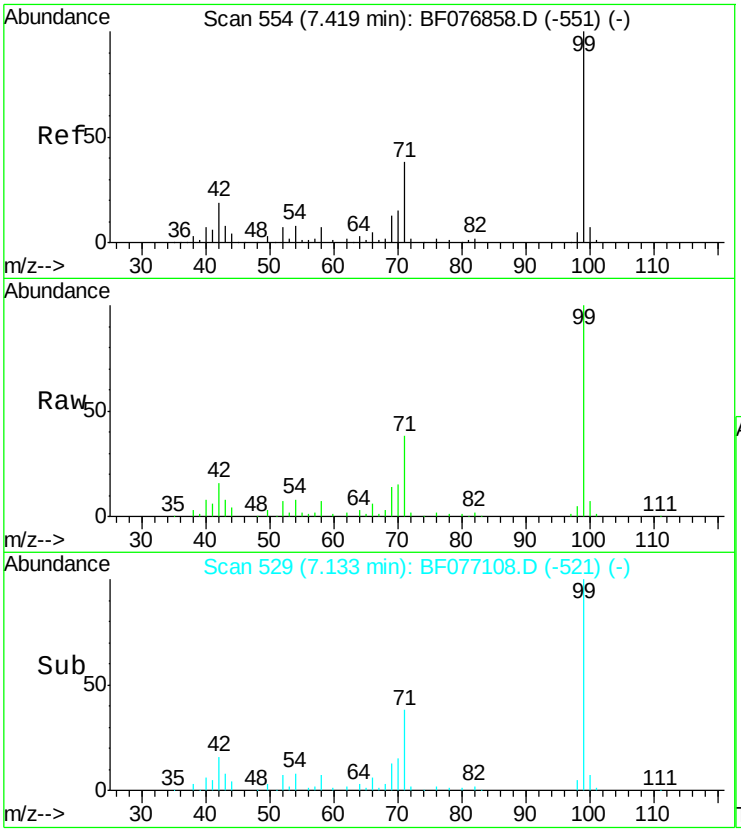


#5
2-Fluorophenol
Concen: 77.05 ng
RT: 4.74 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:112 Resp: 128522

Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.2	81.4
63	37.9	28.4	42.6



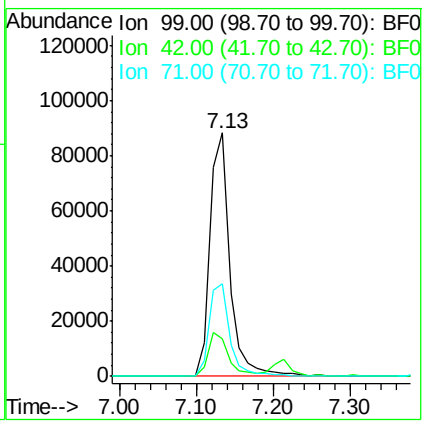


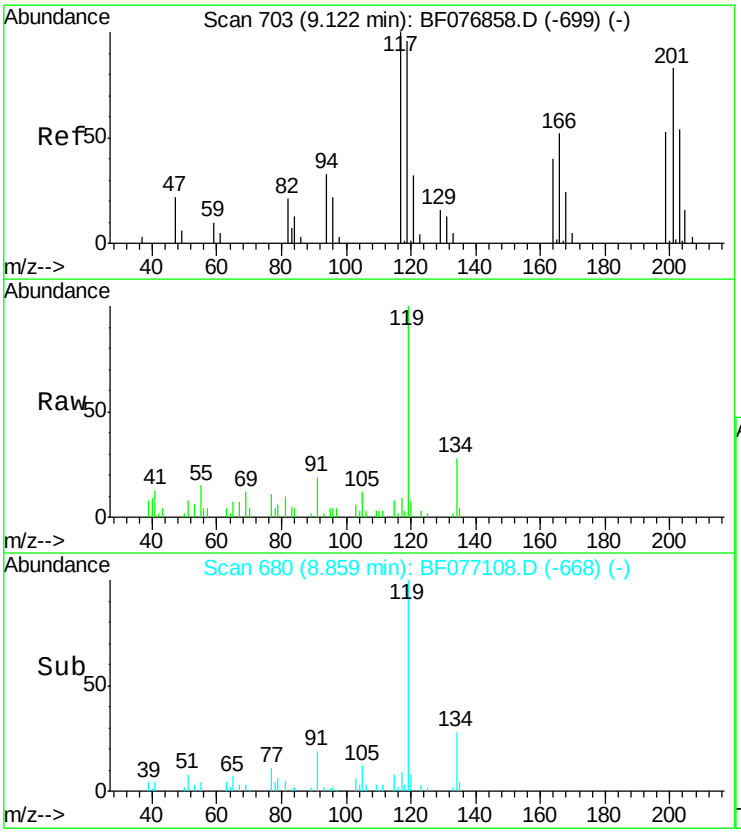
#7
Phenol-d6
Concen: 75.54 ng
RT: 7.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 158952

Ion	Ratio	Lower	Upper
99	100		
42	15.7	15.0	22.4
71	37.8	30.5	45.7

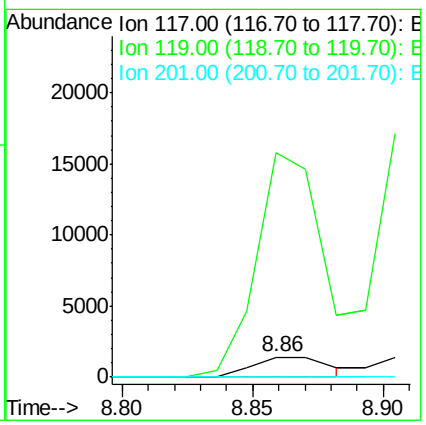


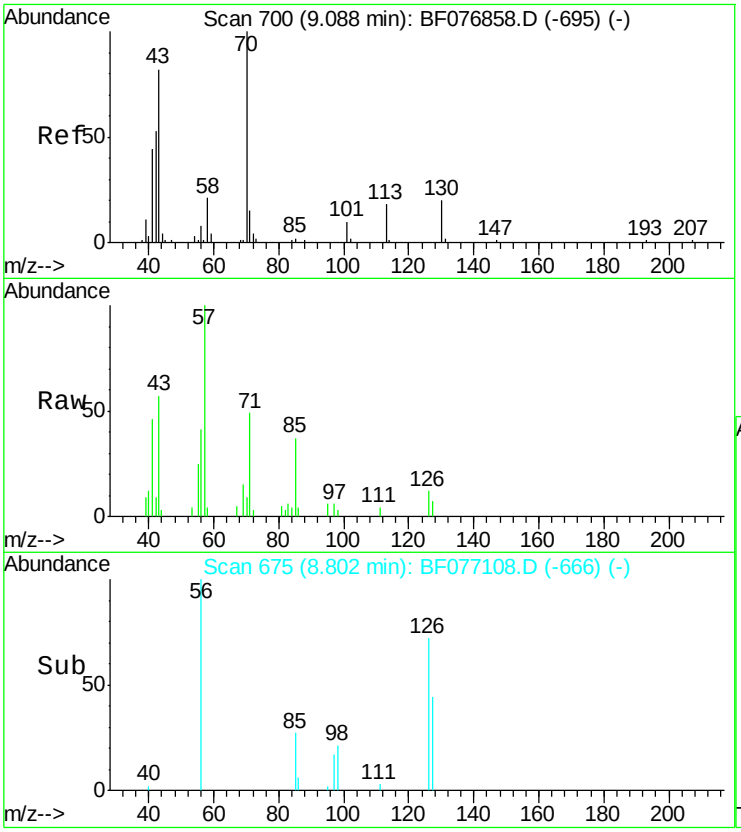


#18
Hexachloroethane
Concen: 3.48 ng
RT: 8.86 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:117 Resp: 2809

Ion	Ratio	Lower	Upper
117	100		
119	1131.1	77.1	115.7#
201	0.0	66.8	100.2#



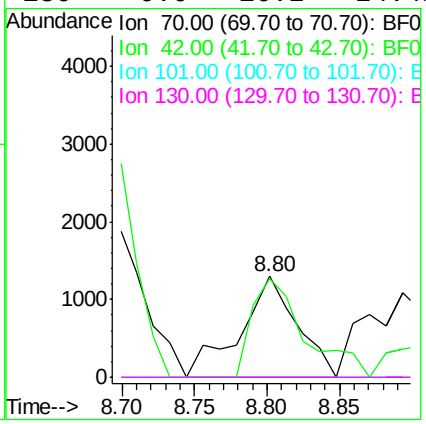


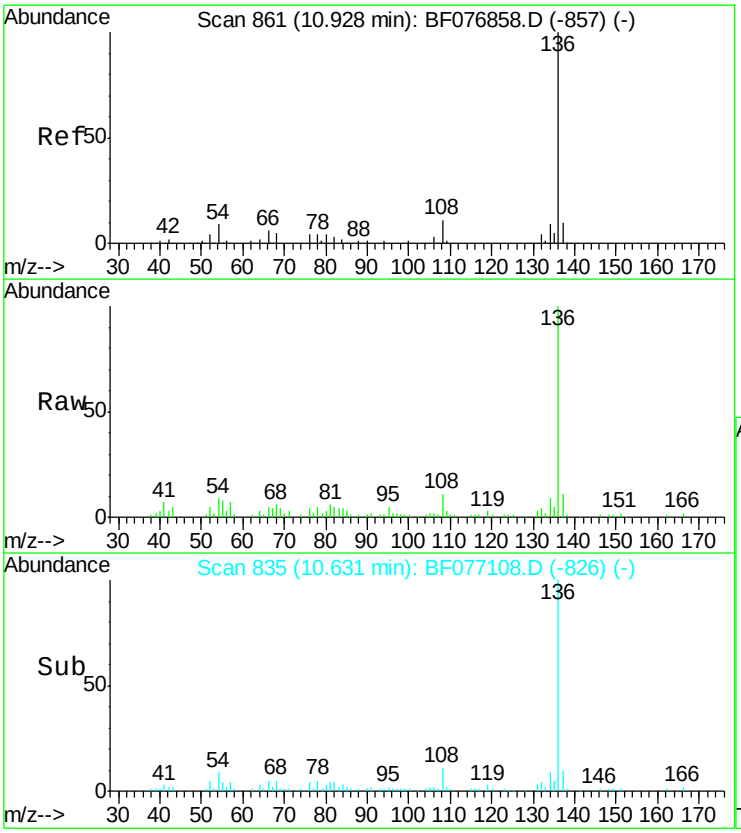
#19
n-Nitroso-di-n-propylamine
Concen: 2.40 ng
RT: 8.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 3532

Ion	Ratio	Lower	Upper
70	100		
42	97.8	42.1	63.1#
101	0.0	7.8	11.8#
130	0.0	16.2	24.4#

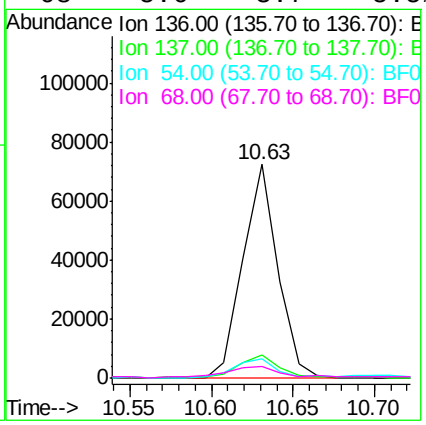


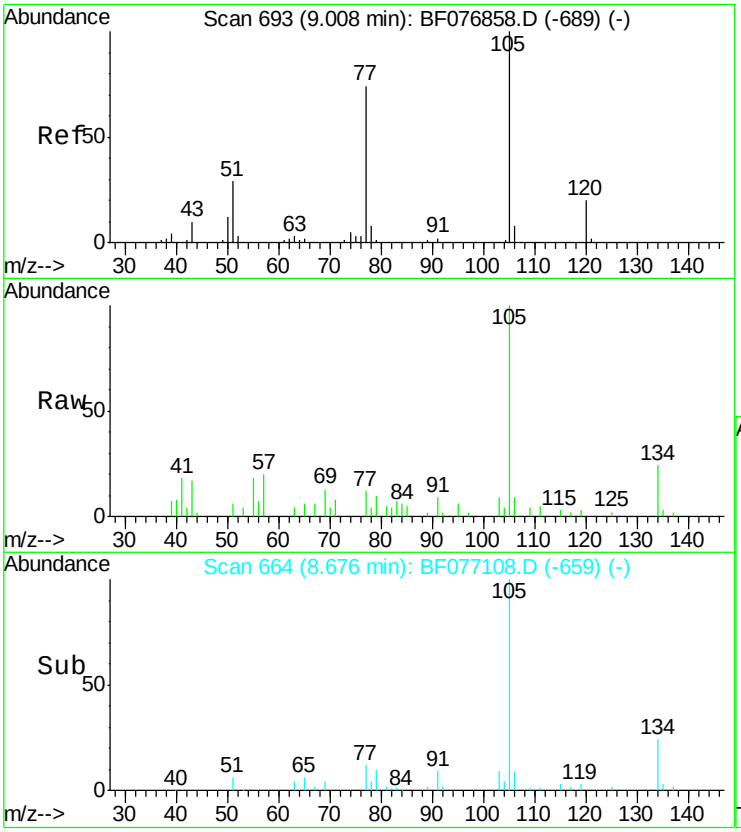


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:136 Resp: 107164

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.1	12.1
54	9.2	7.0	10.4
68	5.6	3.7	5.5#



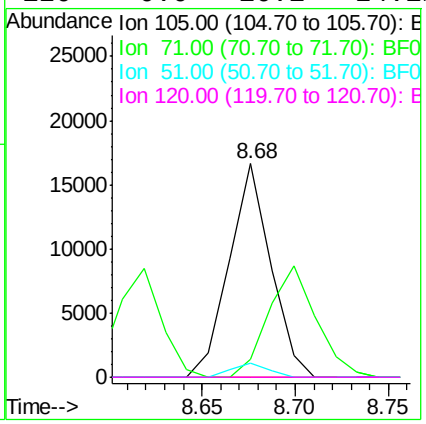


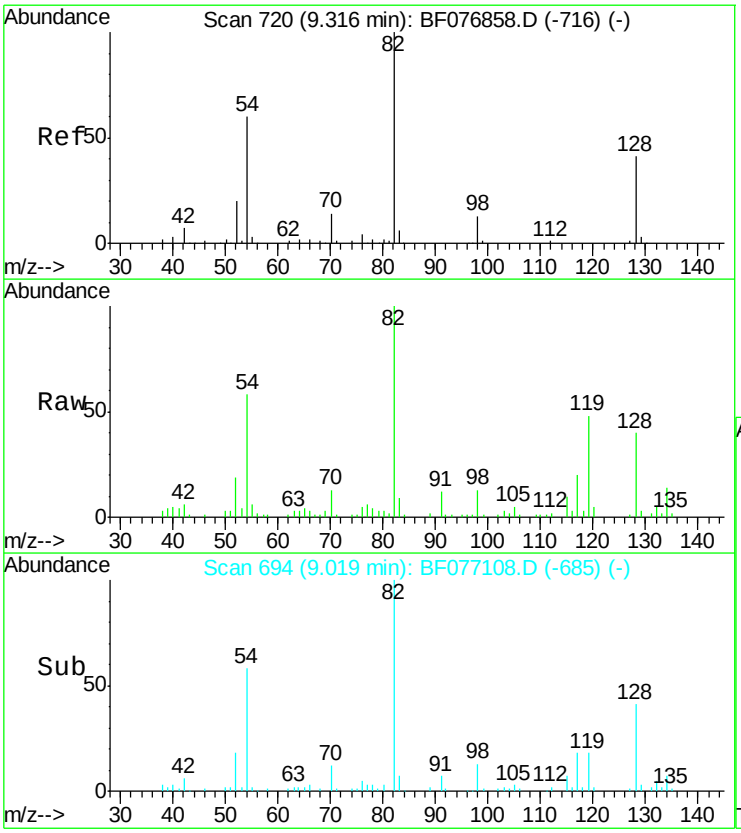
#22
Acetophenone
Concen: 9.88 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 25921

Ion	Ratio	Lower	Upper
105	100		
71	8.2	0.0	0.0#
51	6.4	23.3	34.9#
120	0.0	16.1	24.1#

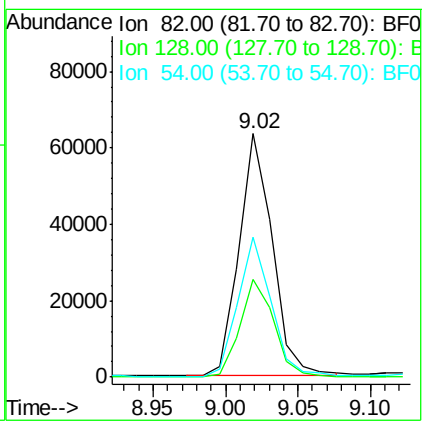


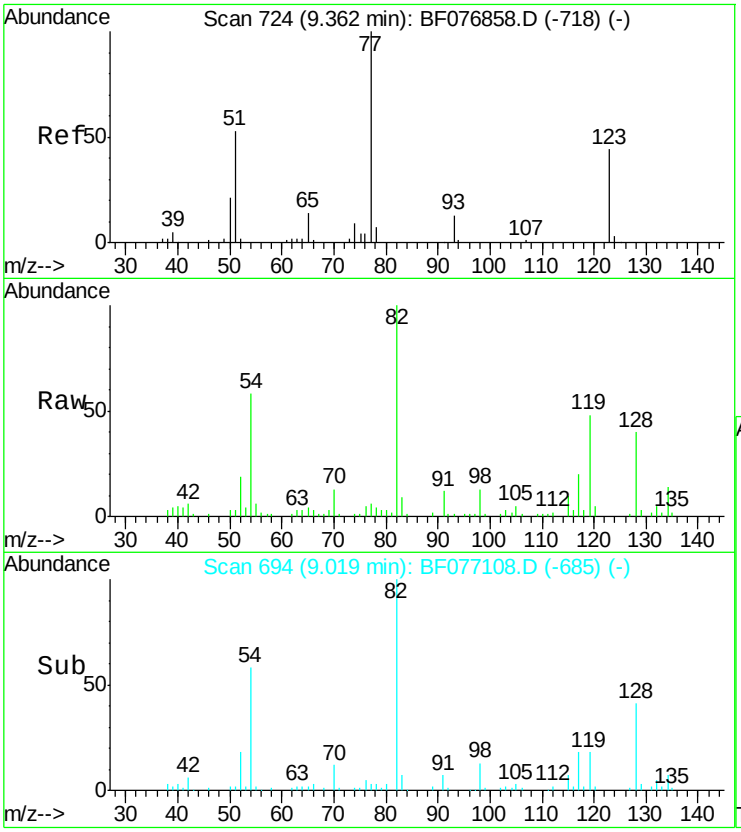


#23
Nitrobenzene-d5
Concen: 52.03 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion: 82 Resp: 100639

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.1	49.7
54	57.6	48.3	72.5

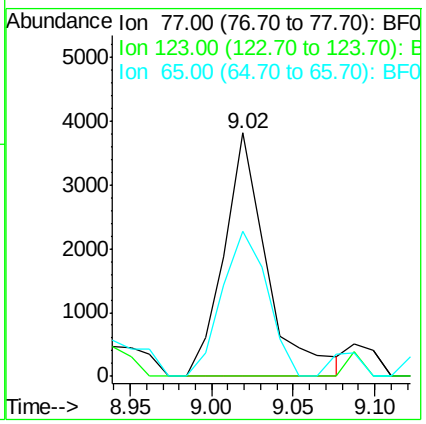




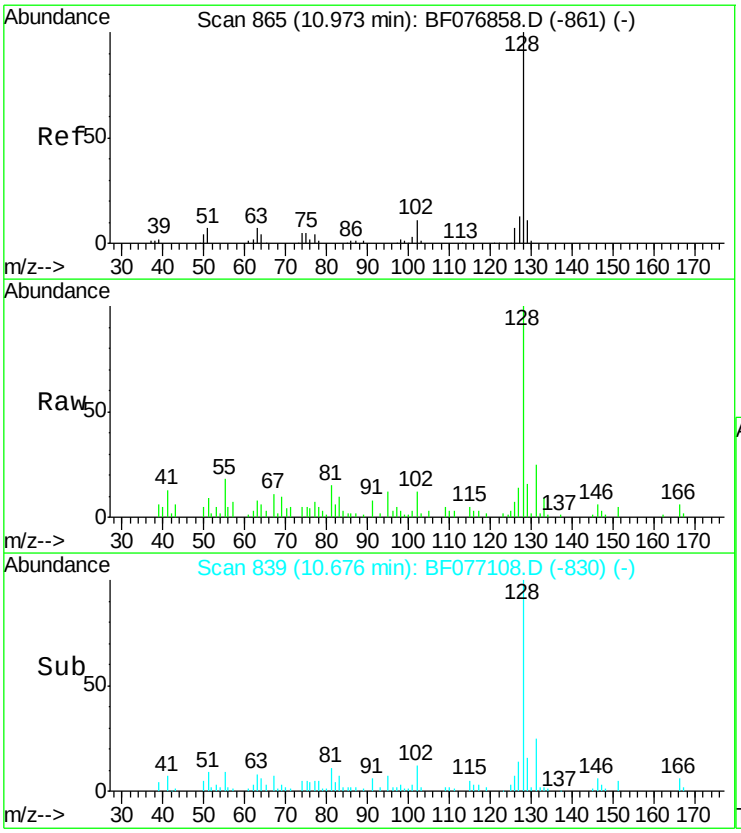
#24
Nitrobenzene
Concen: 3.53 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion: 77 Resp: 6963

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.2	52.8#
65	59.8	11.4	17.2#



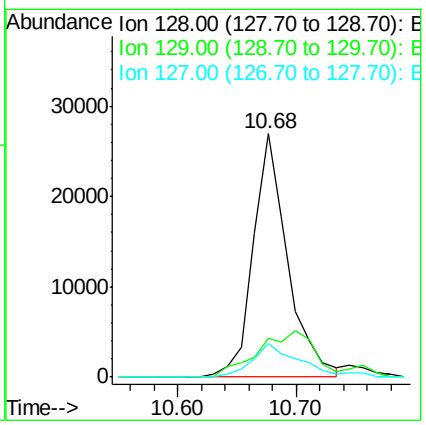
Instrument :
BNA_F
ClientSampleId :

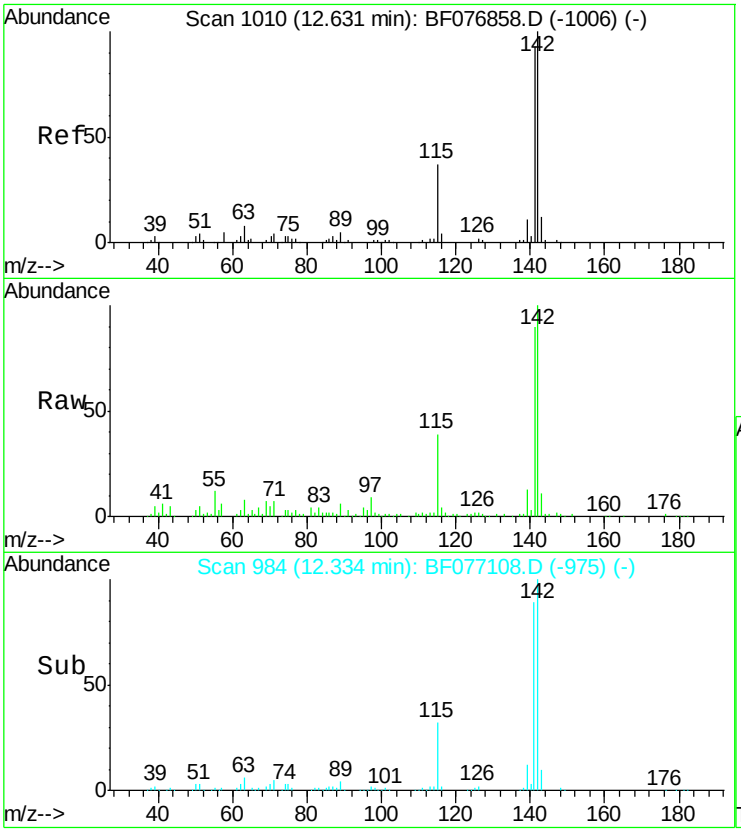


#31
Naphthalene
Concen: 9.83 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:128 Resp: 54242

Ion	Ratio	Lower	Upper
128	100		
129	15.9	9.0	13.6#
127	13.9	10.2	15.2

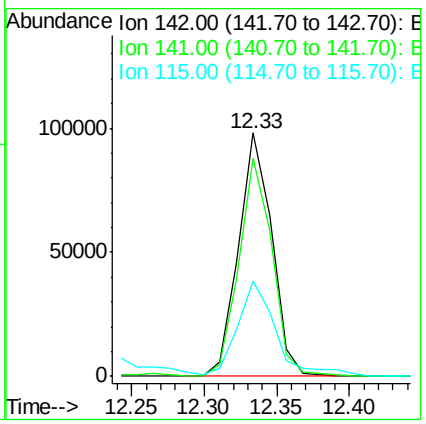




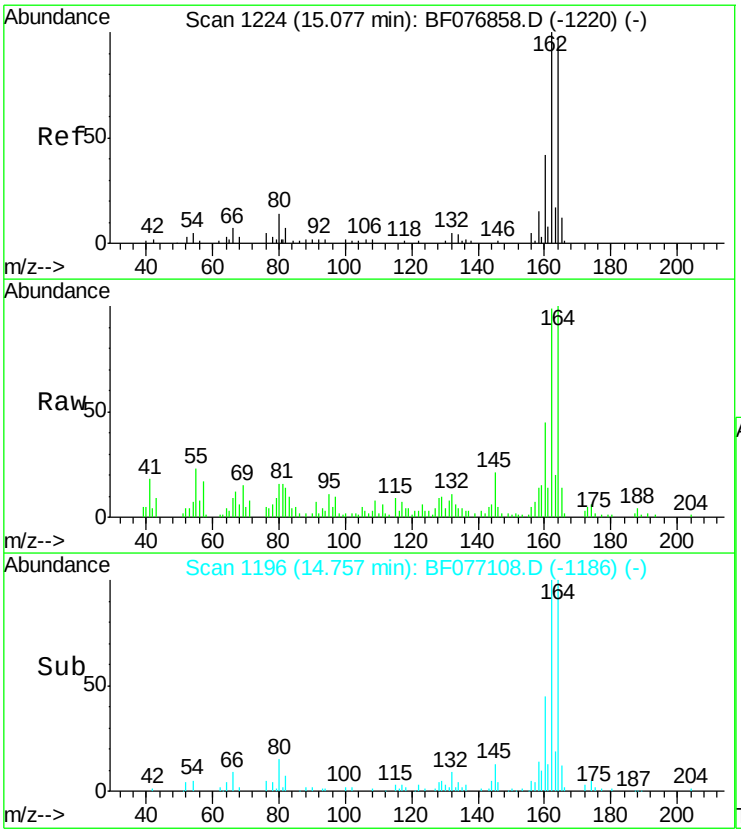
#37
2-Methylnaphthalene
Concen: 41.41 ng
RT: 12.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:142 Resp: 156045

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.5	111.7
115	39.3	29.7	44.5



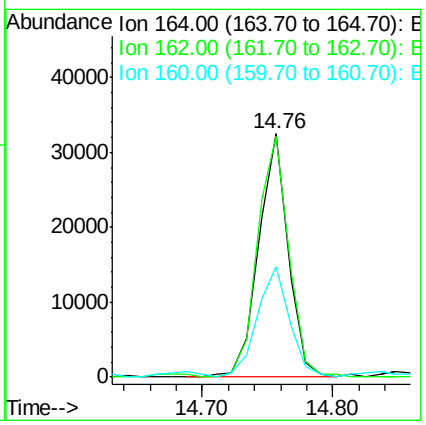
Instrument :
BNA_F
ClientSampleId :

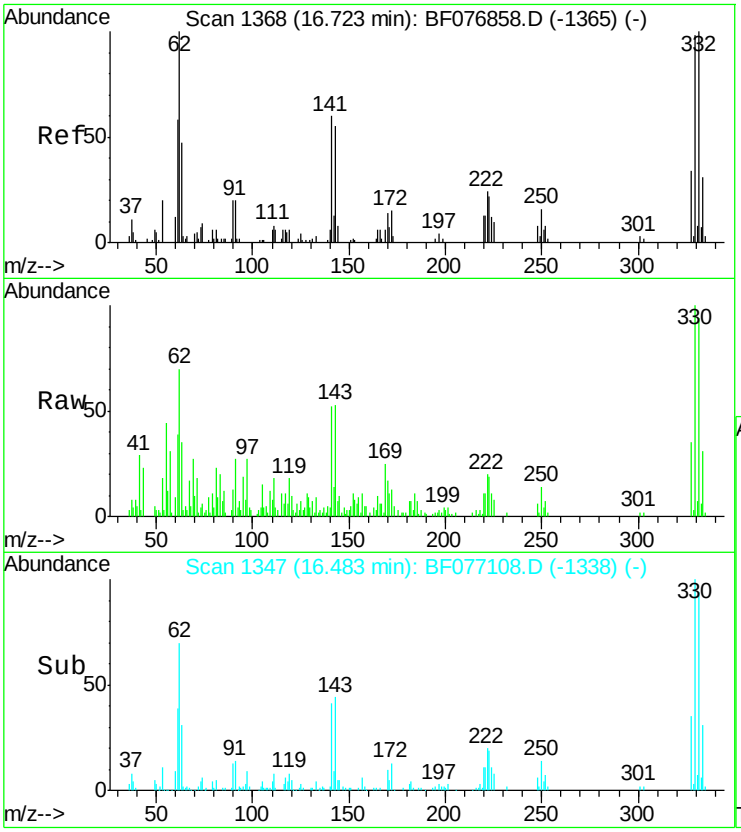


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:164 Resp: 51411

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.4	123.6
160	45.1	34.8	52.2



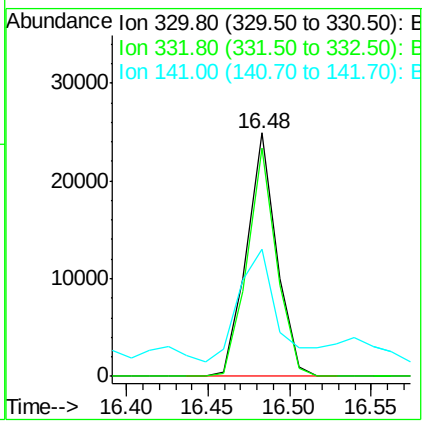


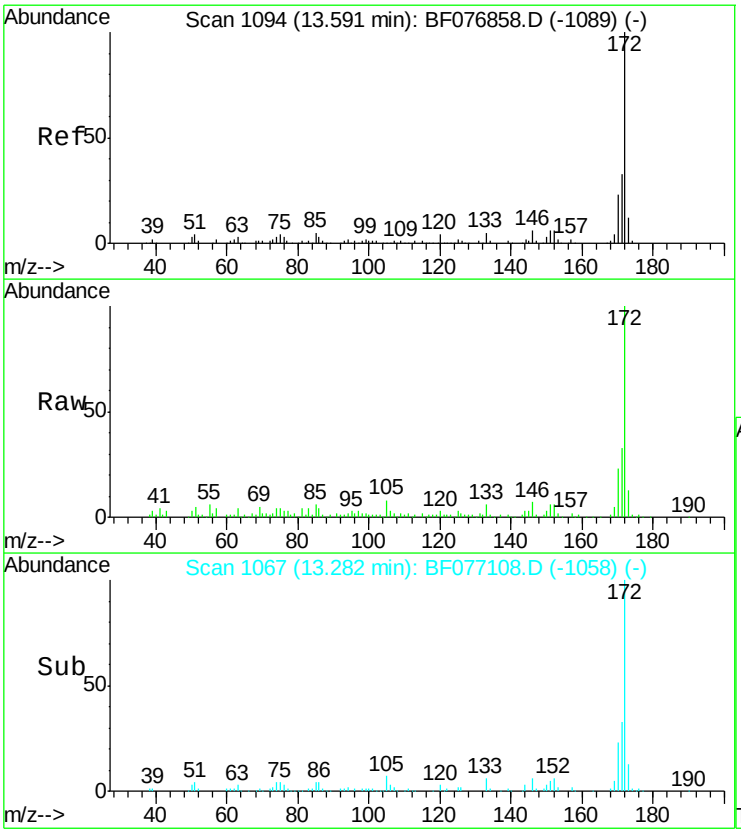
#41
2,4,6-Tribromophenol
Concen: 75.98 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 31707

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.8	116.6
141	58.9	38.5	57.7#

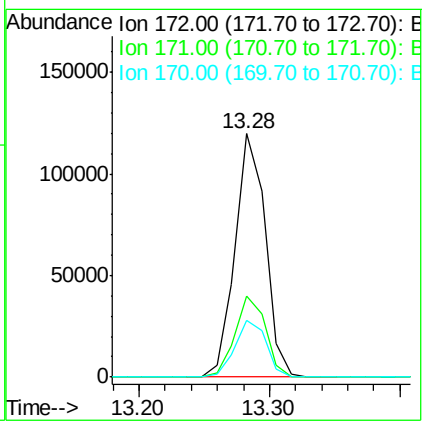


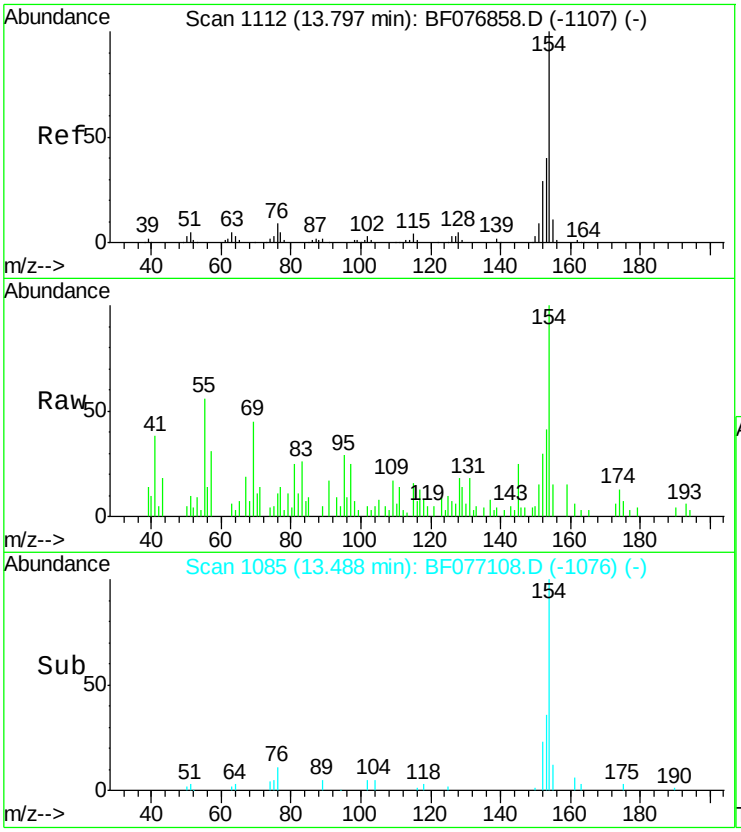


#44
2-Fluorobiphenyl
Concen: 56.97 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:172 Resp: 192453

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.6	40.0
170	23.3	18.0	27.0



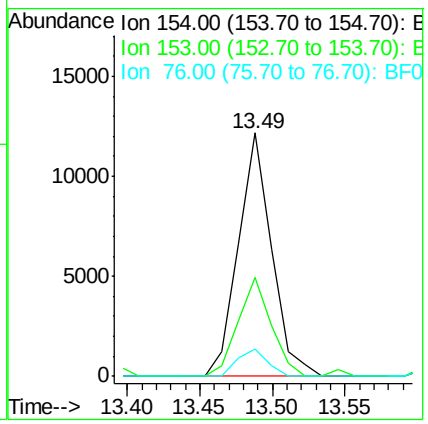


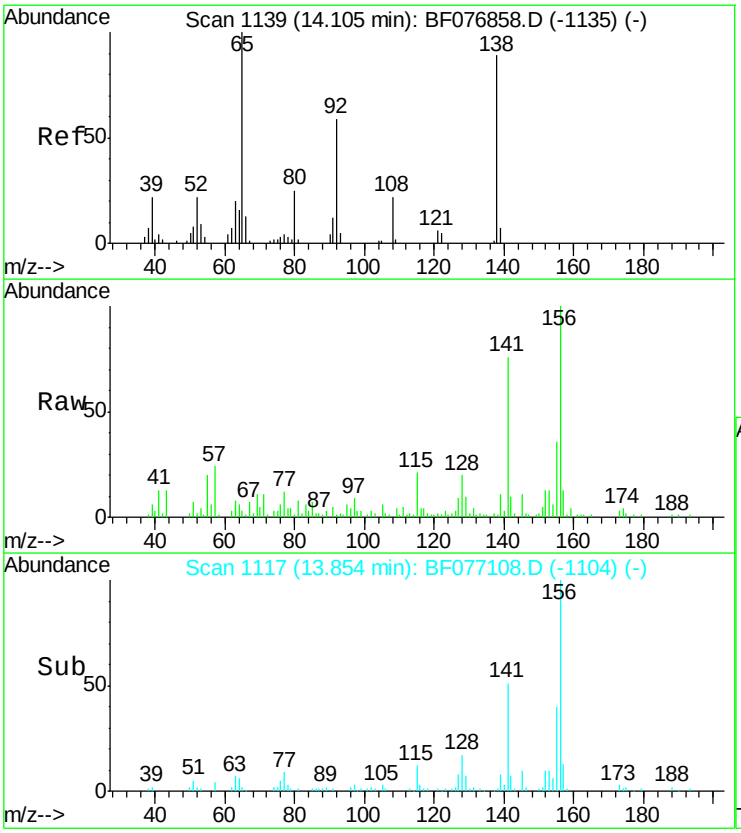
#45
1,1'-Biphenyl
Concen: 5.06 ng
RT: 13.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 19300

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	11.4	0.0	29.0

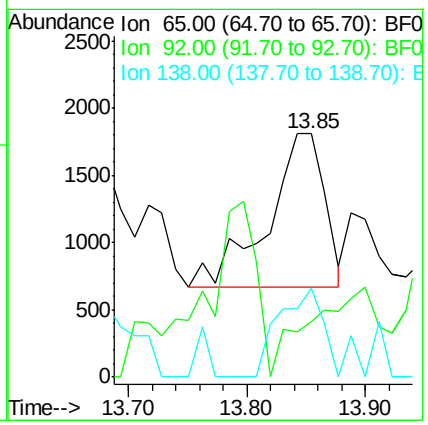


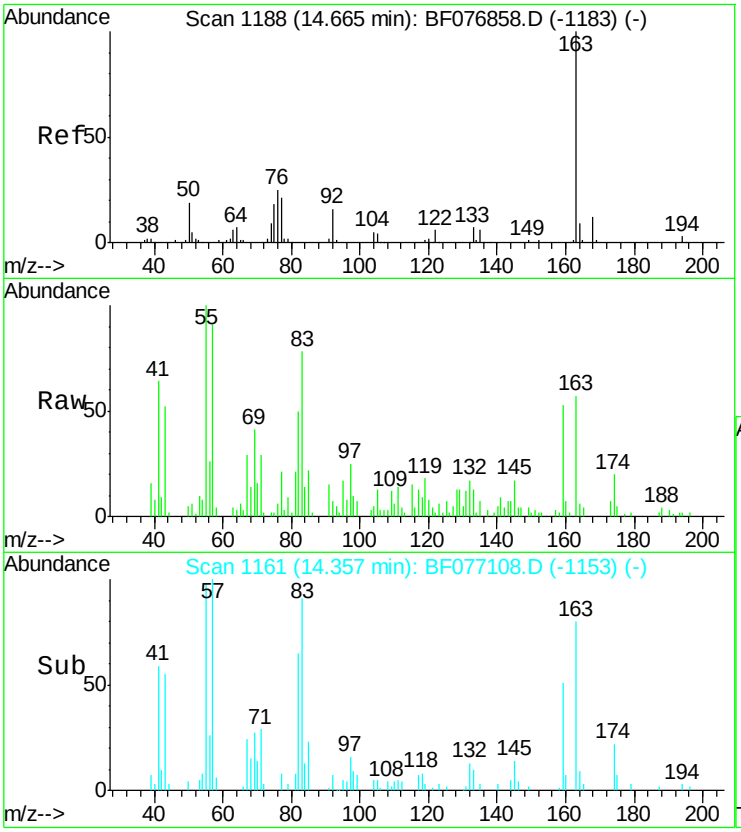


#47
2-Nitroaniline
Concen: 4.00 ng
RT: 13.85 min Scan# 1117
Delta R.T. 0.05 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion: 65 Resp: 3804

Ion	Ratio	Lower	Upper
65	100		
92	22.6	47.3	70.9#
138	36.4	71.4	107.2#



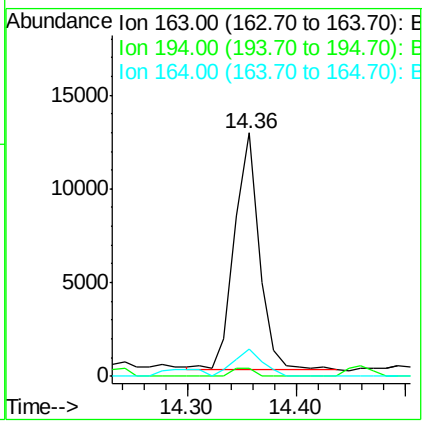


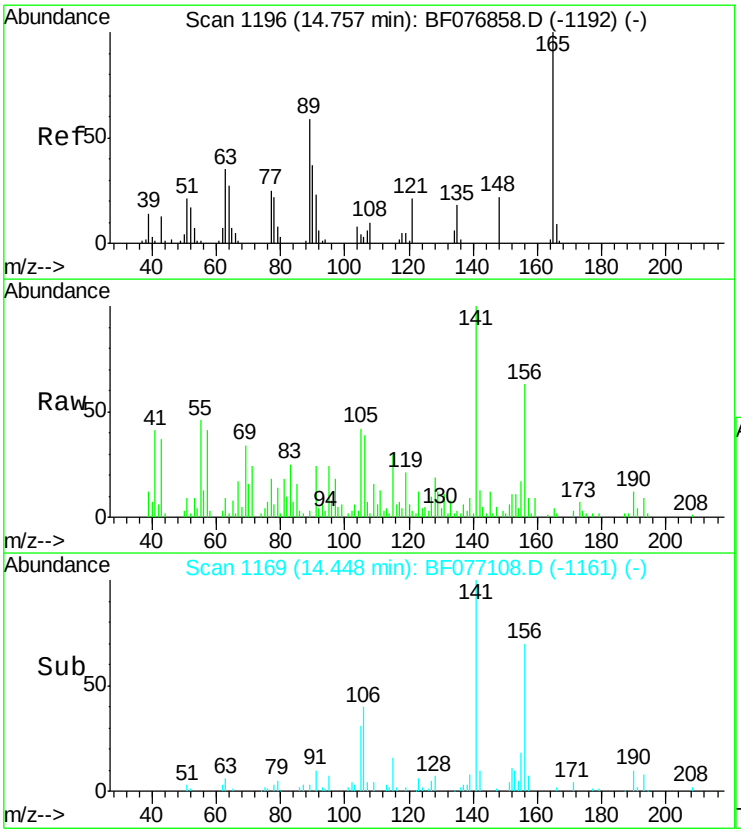
#49
Dimethylphthalate
Concen: 5.46 ng
RT: 14.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19915

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	11.0	7.5	11.3

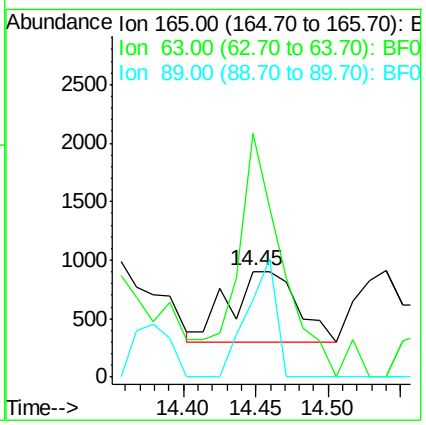


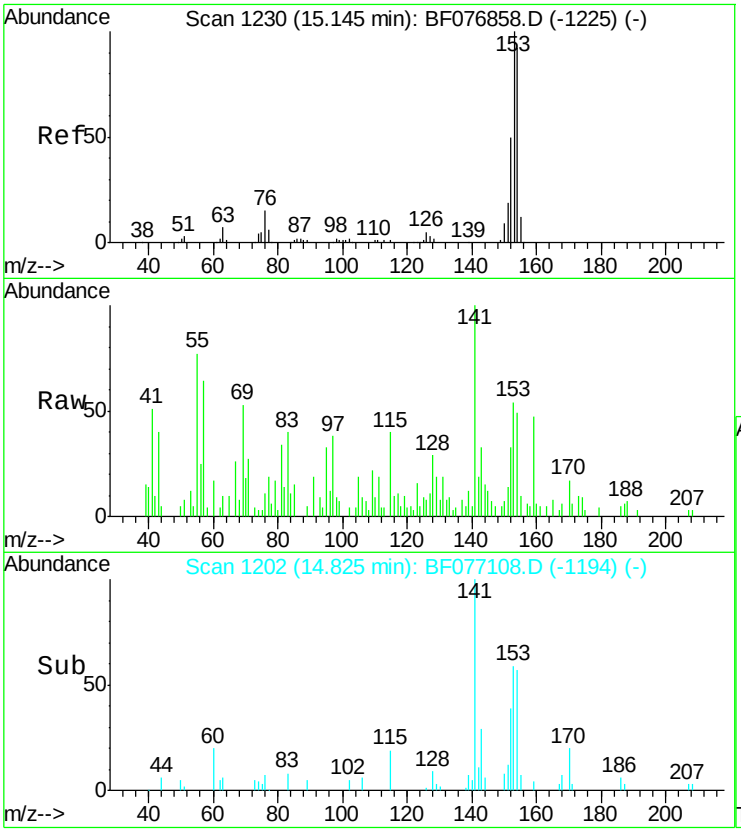


#50
2,6-Dinitrotoluene
Concen: 2.67 ng
RT: 14.45 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:165 Resp: 1943

Ion	Ratio	Lower	Upper
165	100		
63	230.5	48.1	72.1#
89	72.8	47.2	70.8#



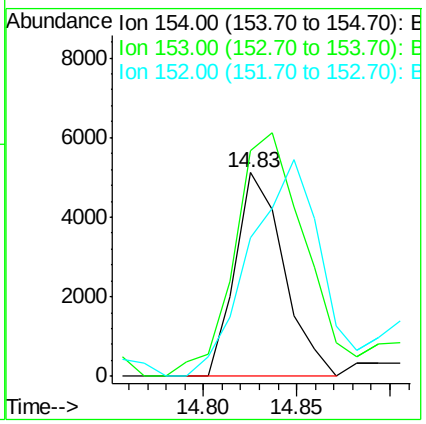


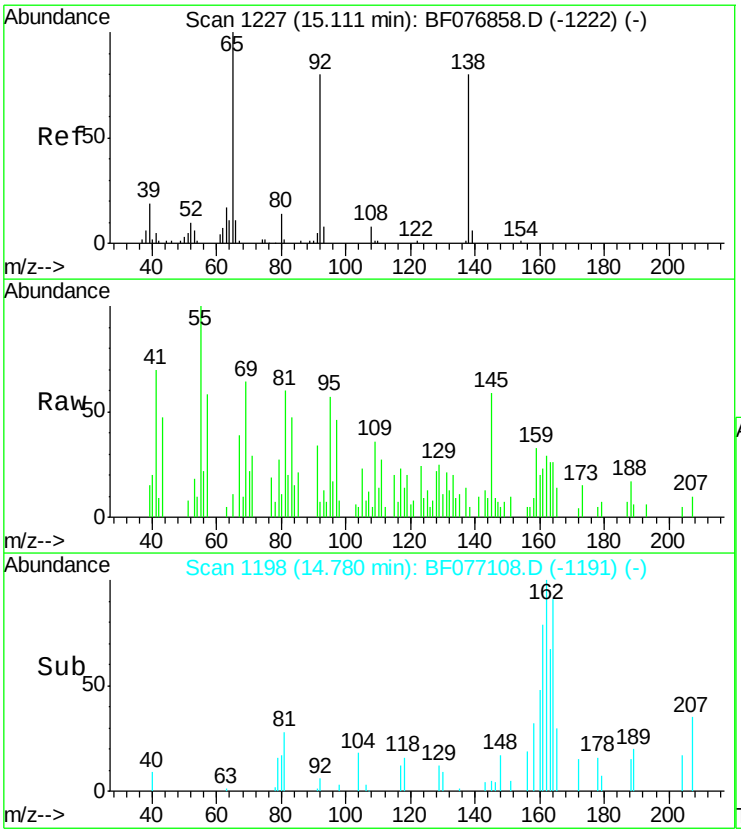
#51
Acenaphthene
Concen: 3.08 ng
RT: 14.83 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 9258

Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.0	130.6
152	68.1	43.5	65.3#

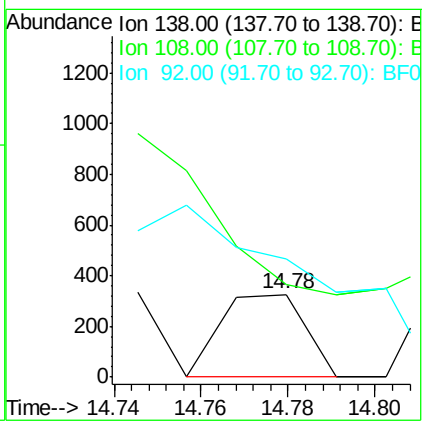


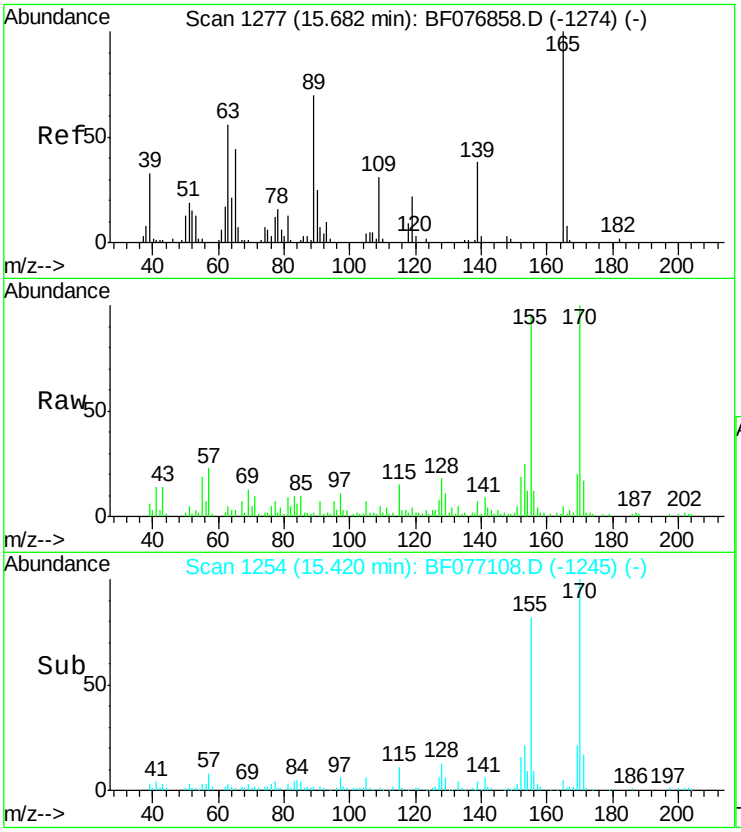


#52
3-Nitroaniline
Concen: 2.26 ng
RT: 14.78 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:138 Resp: 438

Ion	Ratio	Lower	Upper
138	100		
108	112.0	8.3	12.5#
92	143.4	80.9	121.3#



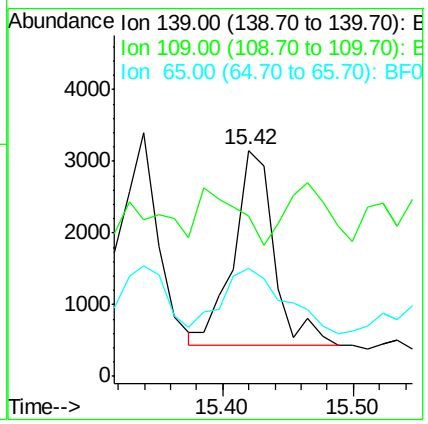


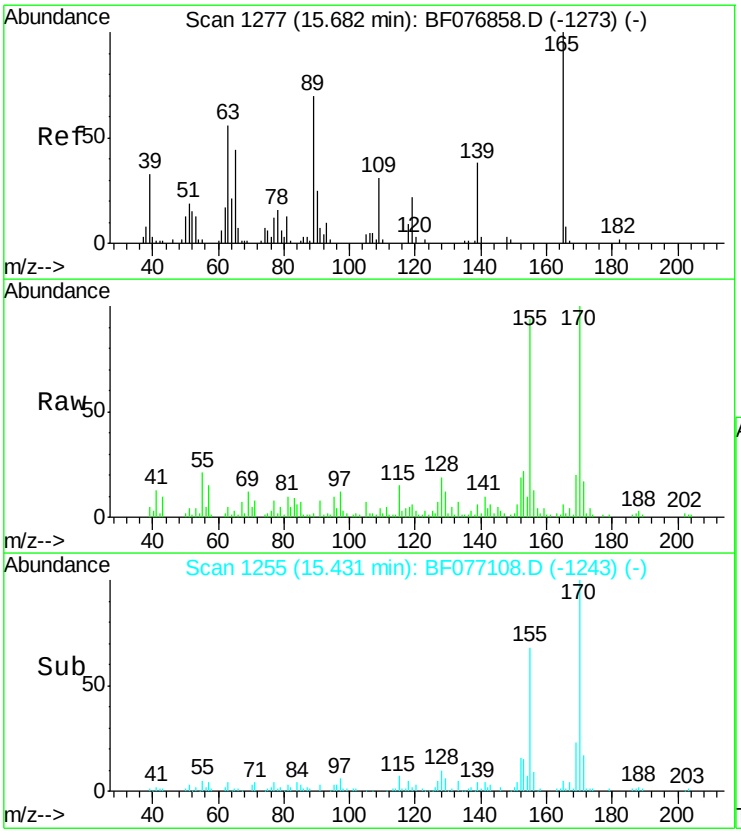
#55
4-Nitrophenol
Concen: 10.31 ng
RT: 15.42 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5890

Ion	Ratio	Lower	Upper
139	100		
109	70.8	61.0	101.0
65	48.0	96.6	136.6#

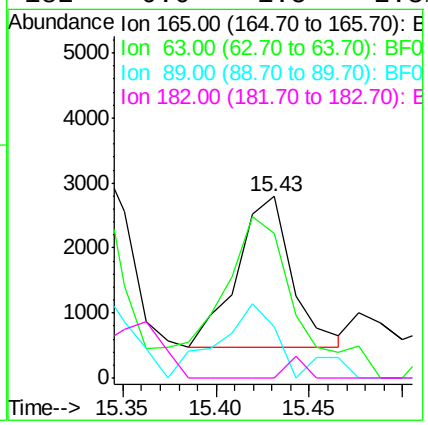


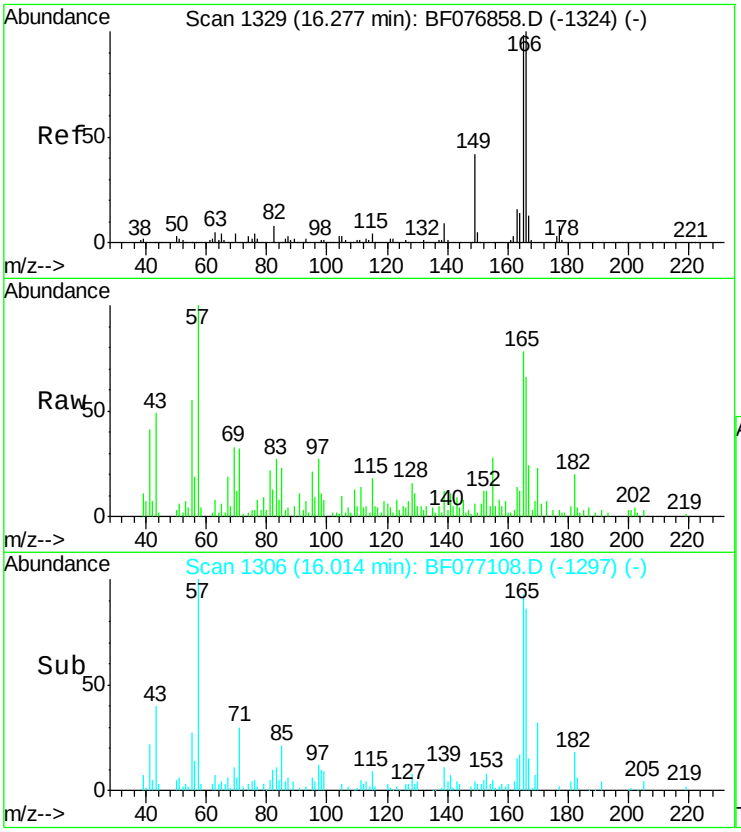


#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 15.43 min Scan# 1255
Delta R.T. 0.03 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:165 Resp: 4722

Ion	Ratio	Lower	Upper
165	100		
63	80.0	44.8	67.2#
89	28.4	56.2	84.2#
182	0.0	1.5	2.3#



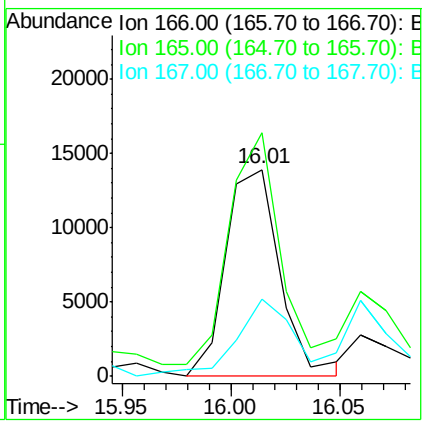


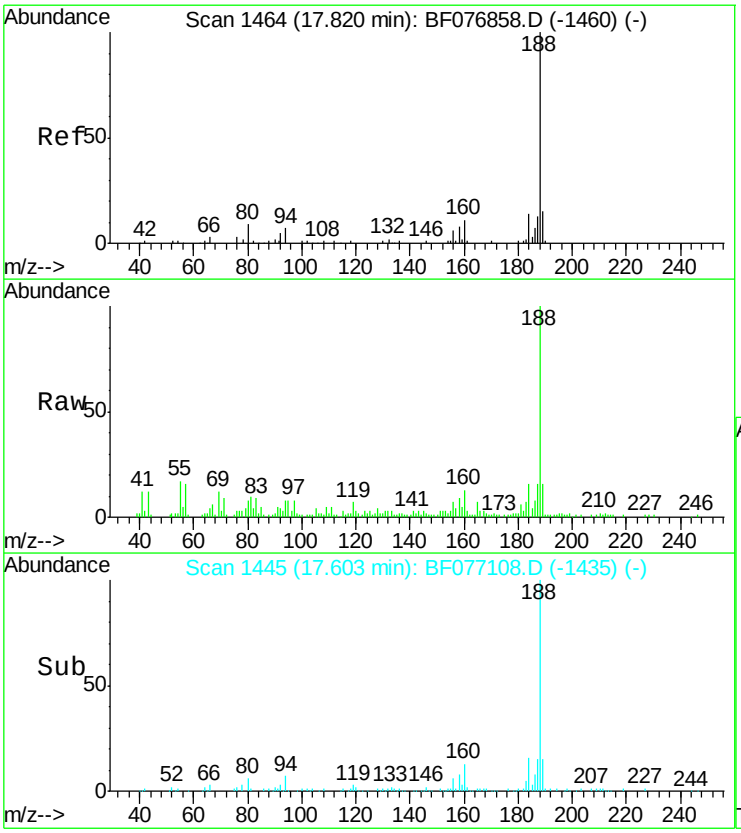
#57
Fluorene
Concen: 6.54 ng
RT: 16.01 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 24242

Ion	Ratio	Lower	Upper
166	100		
165	117.8	78.5	117.7#
167	37.2	10.4	15.6#

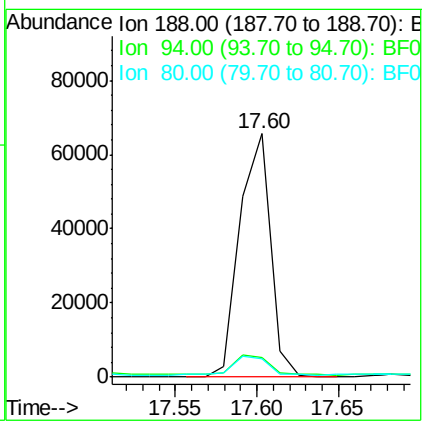


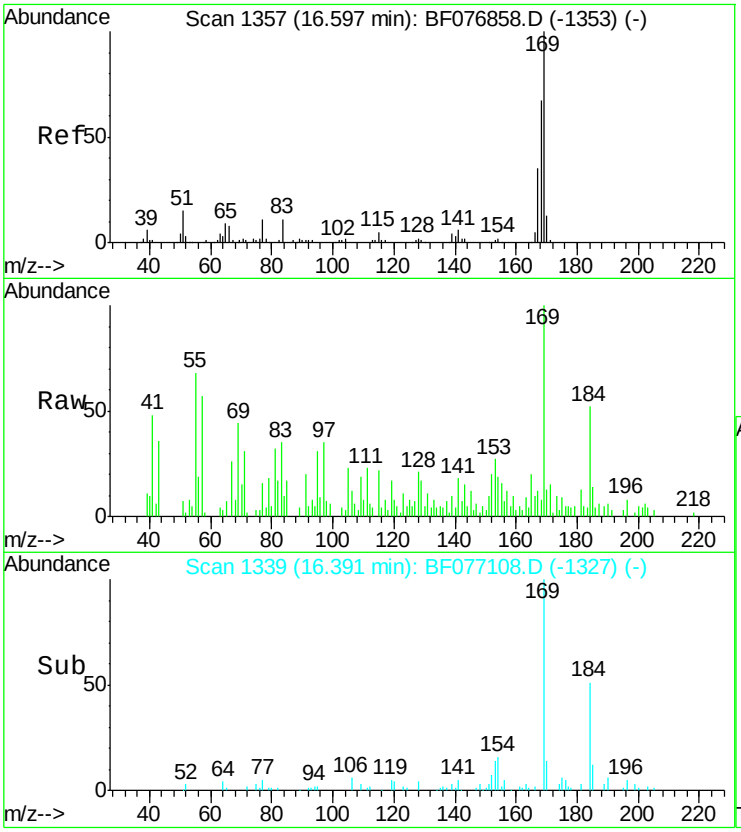


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:188 Resp: 85404

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.0	9.0
80	7.6	6.9	10.3



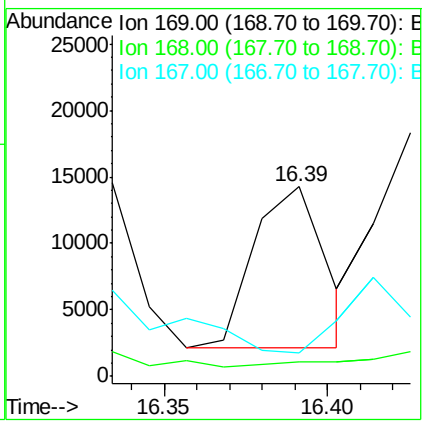


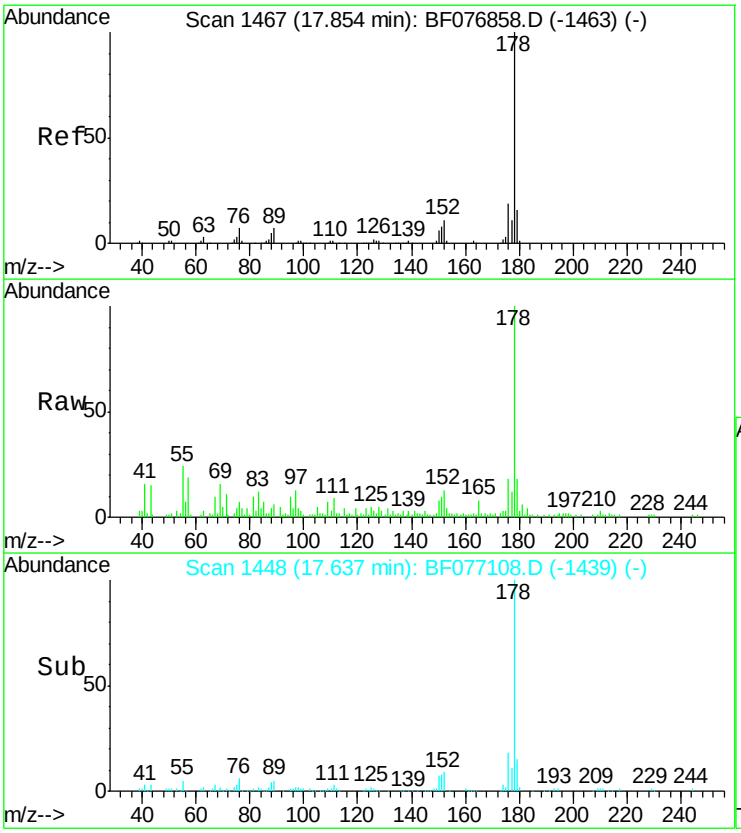
#65
n-Nitrosodiphenylamine
Concen: 6.02 ng
RT: 16.39 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 18340

Ion	Ratio	Lower	Upper
169	100		
168	7.8	53.8	80.6#
167	12.1	27.8	41.6#

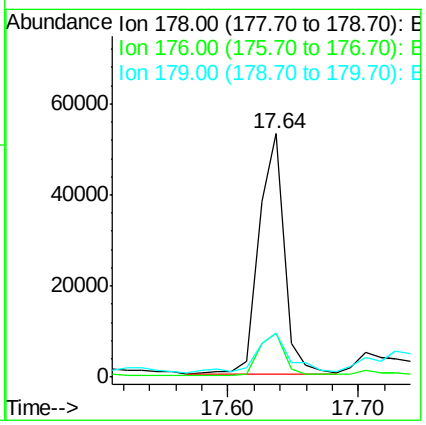


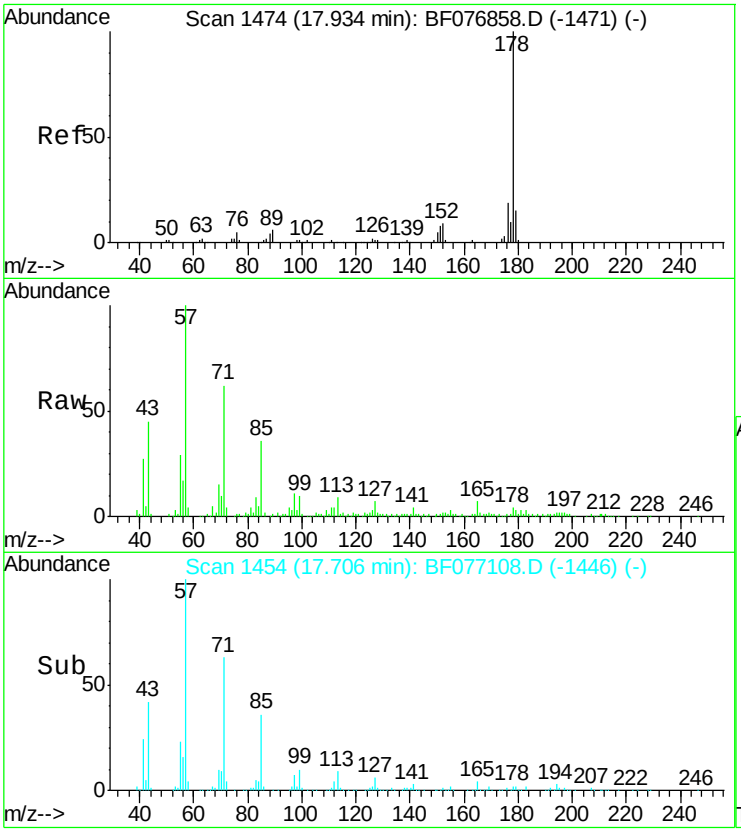


#70
Phenanthrene
Concen: 13.55 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:178 Resp: 72172

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	18.2	12.7	19.1



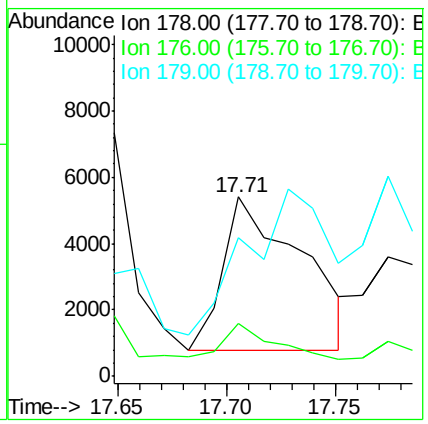


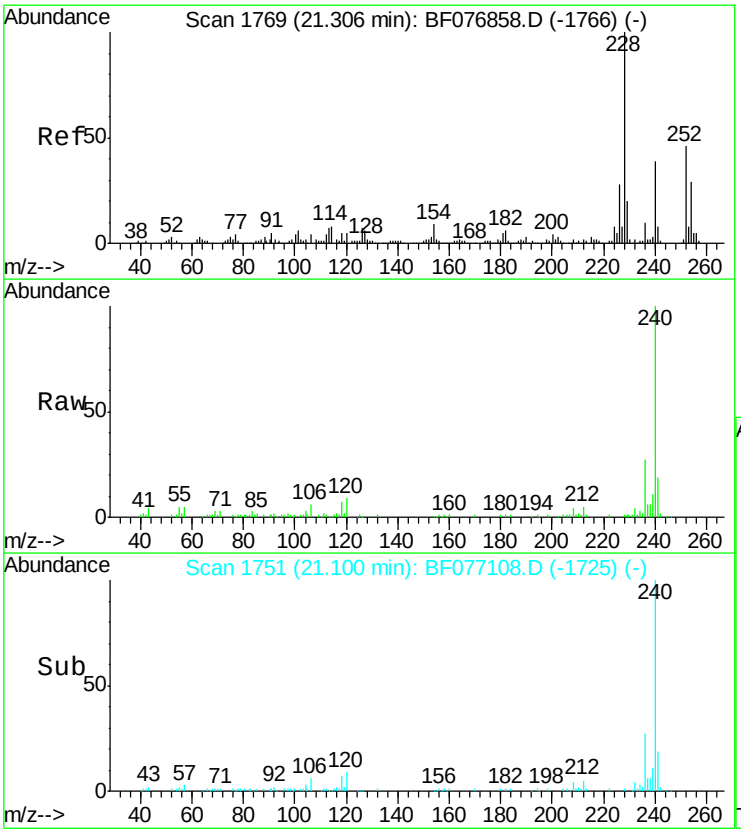
#71
Anthracene
Concen: 2.22 ng
RT: 17.71 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 11547

Ion	Ratio	Lower	Upper
178	100		
176	29.1	15.4	23.0#
179	77.1	11.9	17.9#

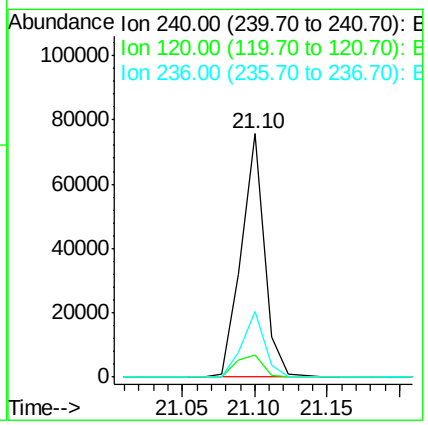


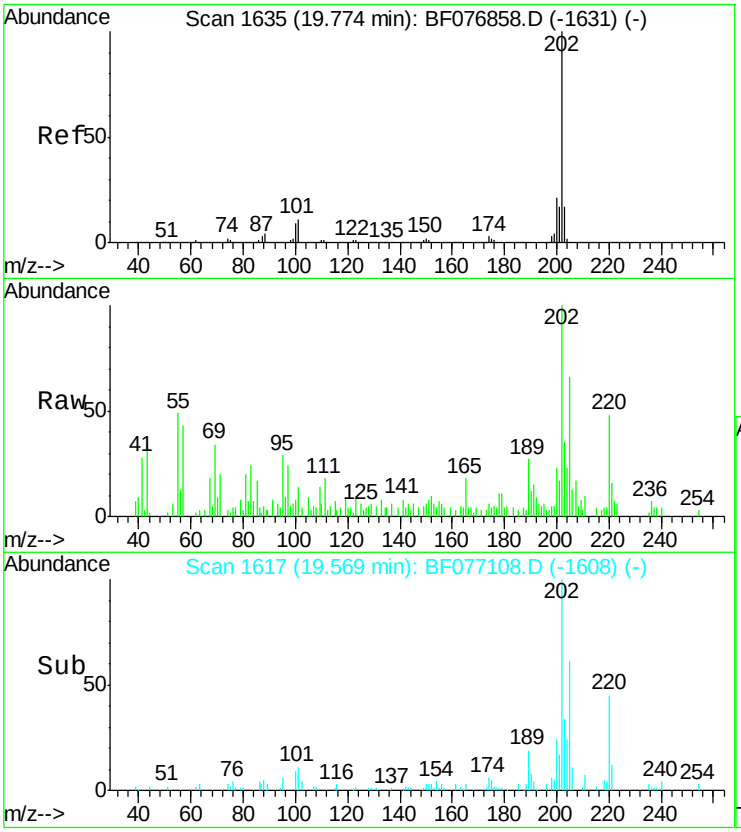


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:240 Resp: 83769

Ion	Ratio	Lower	Upper
240	100		
120	9.0	10.4	15.6#
236	27.0	20.2	30.2



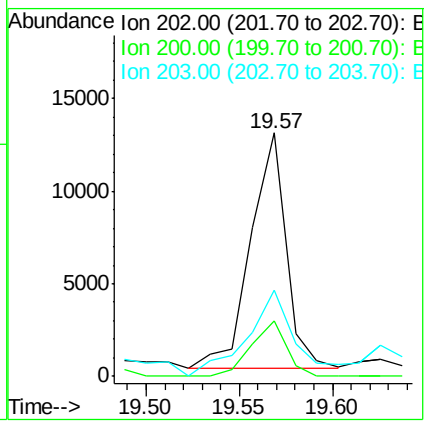


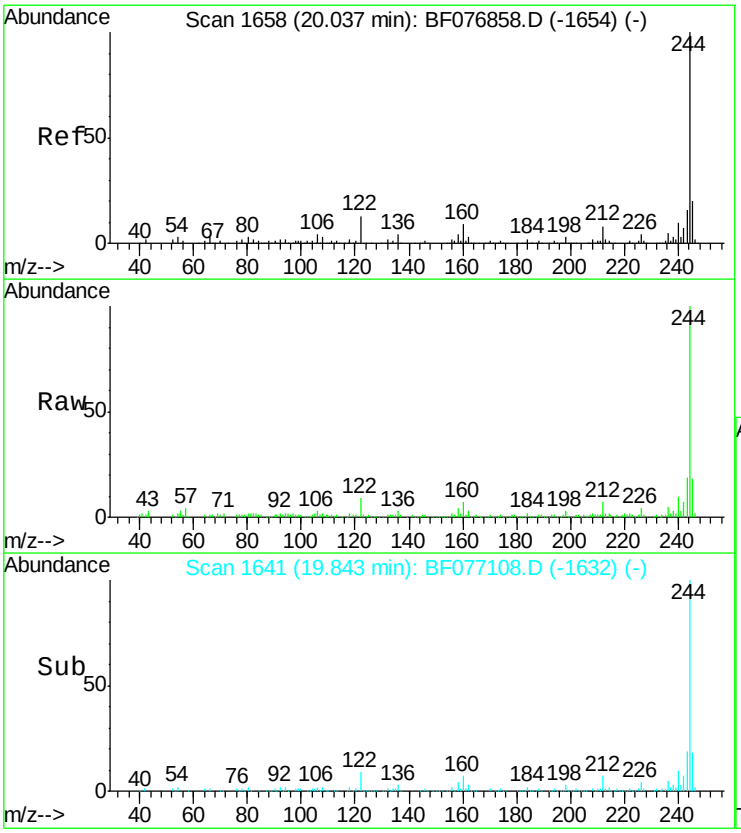
#77
Pyrene
Concen: 2.93 ng
RT: 19.57 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 16812

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.7	25.1
203	35.2	14.0	21.0#

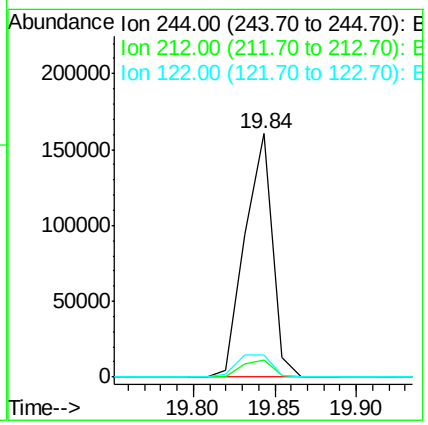


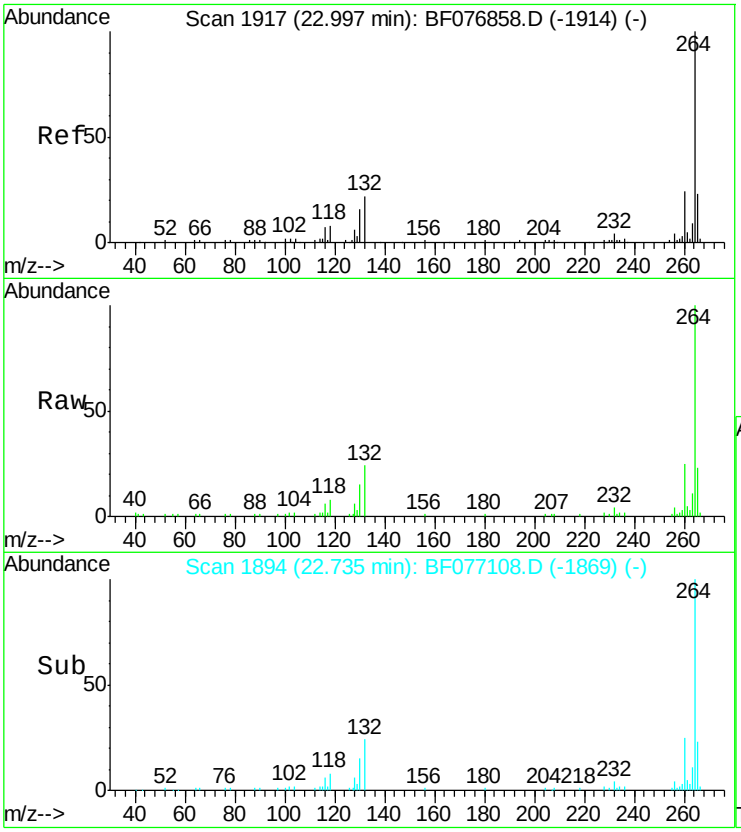


#78
Terphenyl-d14
Concen: 51.31 ng
RT: 19.84 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:244 Resp: 186696

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	9.0	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.73 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 76393

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	23.3	18.1	27.1