Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079900.D
Acq On : 11 Jun 2015 17:34
Operator : TP/IZ
Sample : G2522-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Time: Jun 12 04:27:43 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 00:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	49597	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	194052	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	97632	20.00	ng		0.00
63) Phenanthrene-d10	11.98	188	210083	20.00	ng		0.00
75) Chrysene-d12	15.07	240	234255	20.00	ng		0.08
86) Perylene-d12	17.04	264	213561	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	192686	65.09	ng		0.01
7) Phenol-d6	6.99	99	164964	42.60	ng		0.00
23) Nitrobenzene-d5	7.95	82	263360	80.73	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	133290	152.97	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	657877	94.97	ng		0.00
78) Terphenyl-d14	13.74	244	908272	88.10	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	659	0.49	ng	#	20
6) Aniline	7.16	93	553	0.10	ng	#	1
10) Phenol	7.00	94	414	0.10	ng	#	44
11) bis(2-Chloroethyl)ether	7.16	93	553	0.17	ng	#	1
15) Benzyl Alcohol	7.55	79	5359	1.73	ng	#	47
24) Nitrobenzene	7.95	77	771	0.23	ng	#	27
25) Isophorone	8.18	82	207	0.03	ng	#	67
31) Naphthalene	8.78	128	227	0.02	ng	#	1
45) 1,1'-Biphenyl	9.76	154	1193	0.15	ng	#	1
49) Dimethylphthalate	10.15	163	11190	1.45	ng	#	97
51) Acenaphthene	10.46	154	324	0.05	ng	#	4
54) Dibenzofuran	10.66	168	216	0.02	ng	#	43
56) 2,4-Dinitrotoluene	10.46	165	12915	7.58	ng	#	32
59) Diethylphthalate	10.86	149	4002	0.53	ng	#	94
62) Azobenzene	11.26	77	765	0.10	ng	#	1
65) n-Nitrosodiphenylamine	11.26	169	4651	0.66	ng	#	45
70) Phenanthrene	12.00	178	567	0.04	ng	#	60
71) Anthracene	12.06	178	317	0.03	ng	#	60
72) Carbazole	12.20	167	232	0.02	ng	#	59
73) Di-n-butylphthalate	12.55	149	1920	0.16	ng	#	79
74) Fluoranthene	13.31	202	680	0.05	ng		64
77) Pyrene	13.58	202	418	0.03	ng	#	57
80) Benzo(a)anthracene	15.06	228	2220	0.16	ng	#	93
82) Chrysene	15.11	228	1924	0.15	ng	#	80
83) Bis(2-ethylhexyl)phthalate	15.04	149	605	0.08	ng	#	52
85) Indeno(1,2,3-cd)pyrene	18.97	276	12735	0.91	ng		94
87) Benzo(b)fluoranthene	16.48	252	3643	0.29	ng	#	91
88) Benzo(k)fluoranthene	16.51	252	5405	0.41	ng	#	91
89) Benzo(a)pyrene	16.95	252	5161	0.43	ng	#	91
90) Dibenzo(a,h)anthracene	18.99	278	11352	1.02	ng		99
91) Benzo(g,h,i)perylene	19.53	276	12639	1.08	ng	#	94

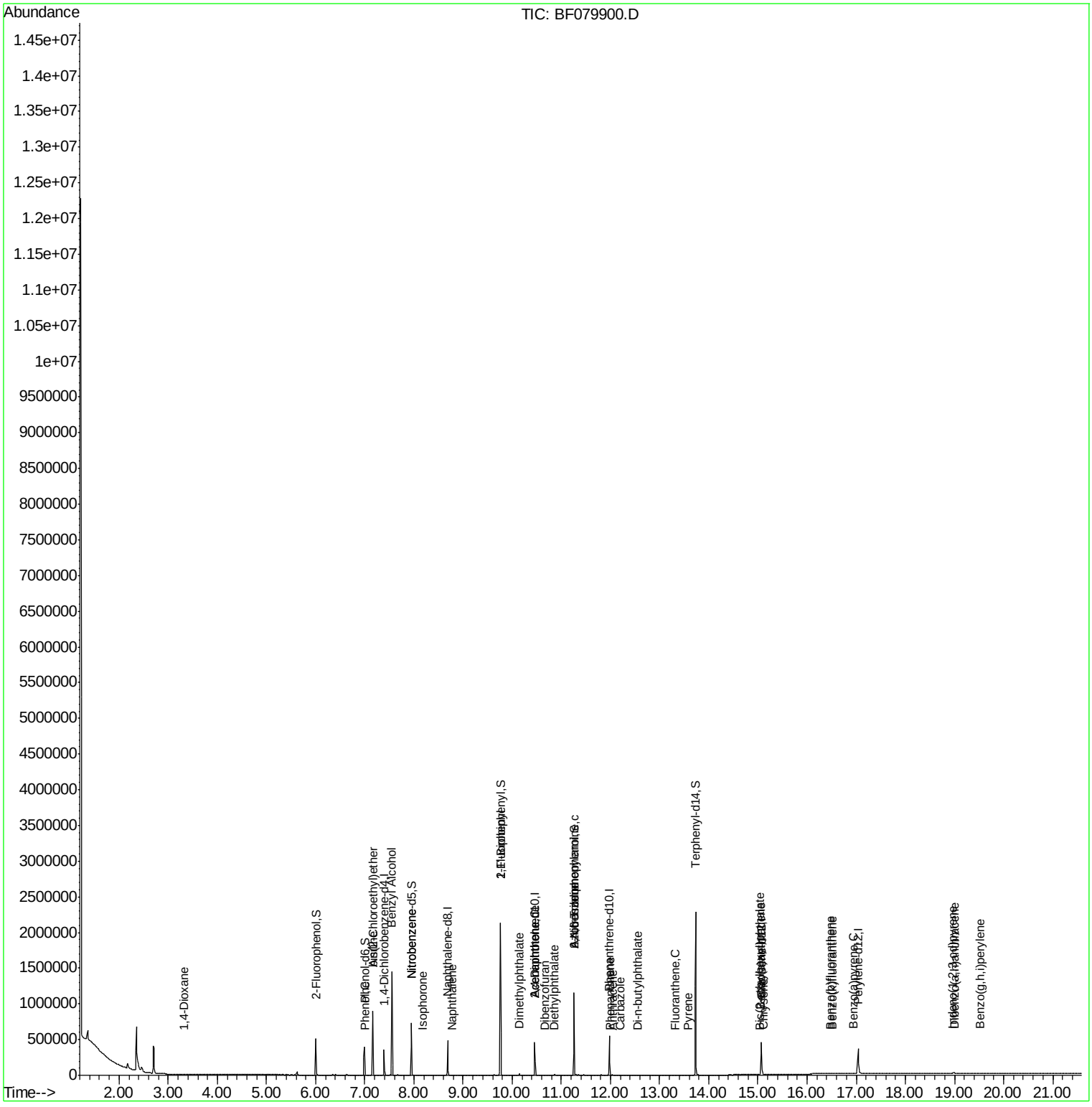
(#) = qualifier out of range (m) = manual integration (+) = signals summed

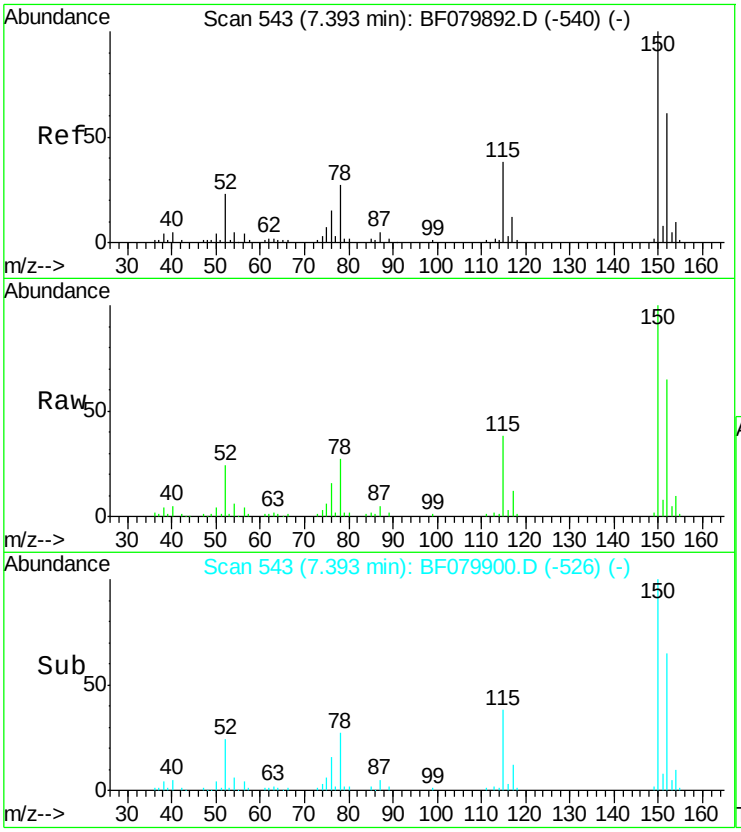
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079900.D
Acq On : 11 Jun 2015 17:34
Operator : TP/IZ
Sample : G2522-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Time: Jun 12 04:27:43 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 00:59:58 2015
Response via : Initial Calibration



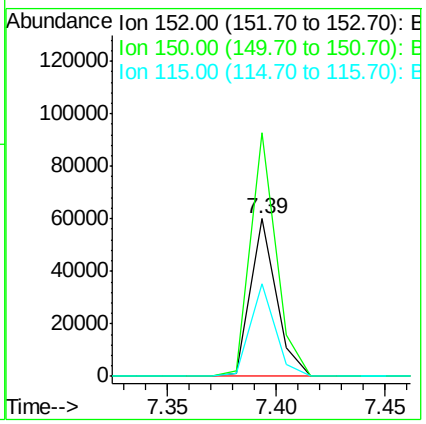


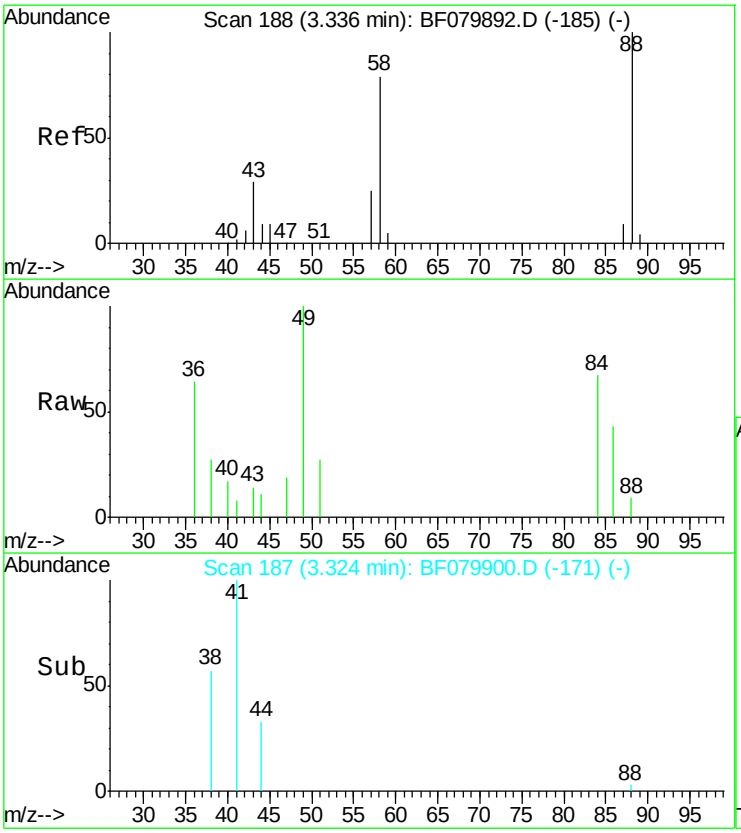
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 49597

Ion	Ratio	Lower	Upper
152	100		
150	154.3	131.0	196.4
115	58.7	49.8	74.6

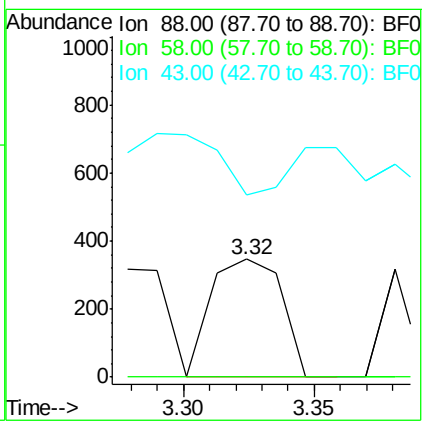


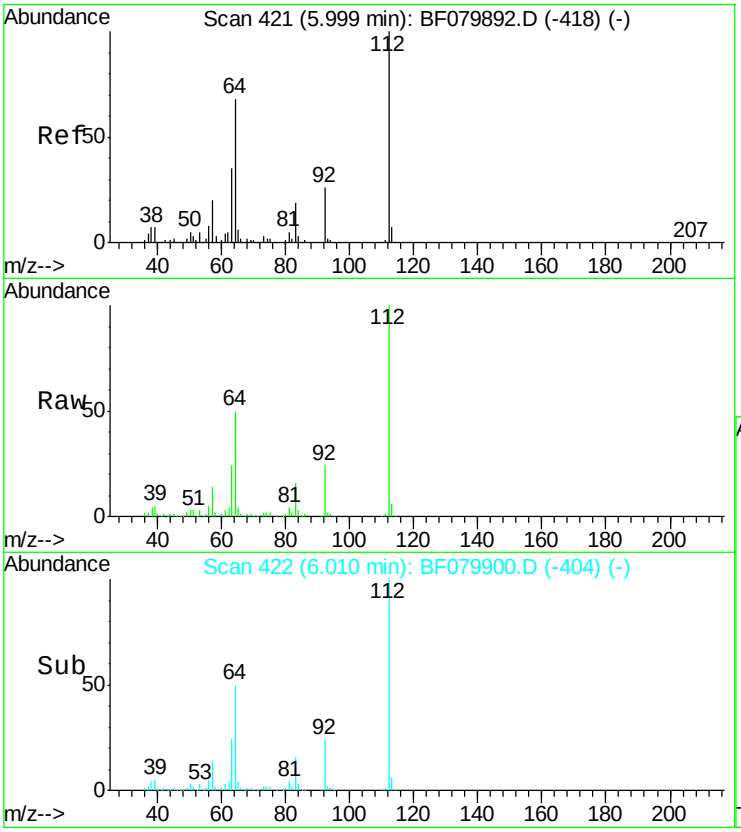


#2
1,4-Dioxane
Concen: 0.49 ng
RT: 3.32 min Scan# 187
Delta R.T. -0.01 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 88 Resp: 659

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.0	94.4#
43	0.0	23.2	34.8#



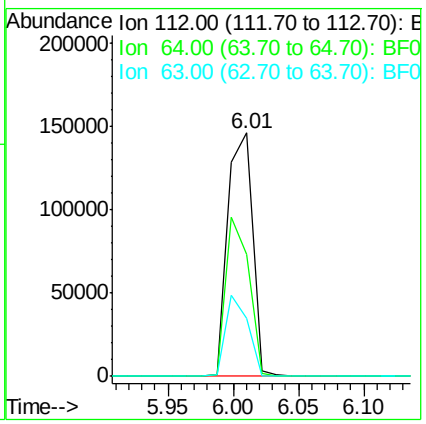


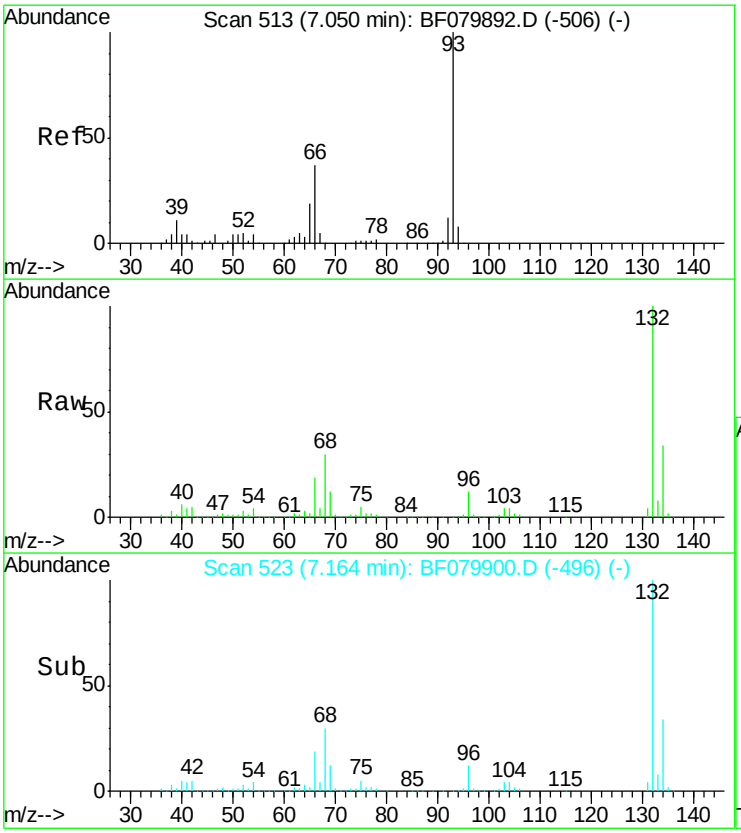
#5
2-Fluorophenol
Concen: 65.09 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:112 Resp: 192686

Ion	Ratio	Lower	Upper
112	100		
64	49.9	54.5	81.7#
63	23.9	27.9	41.9#

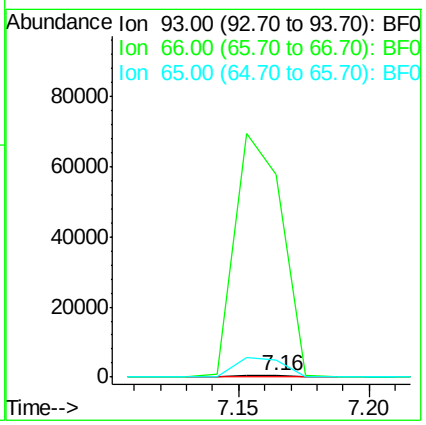


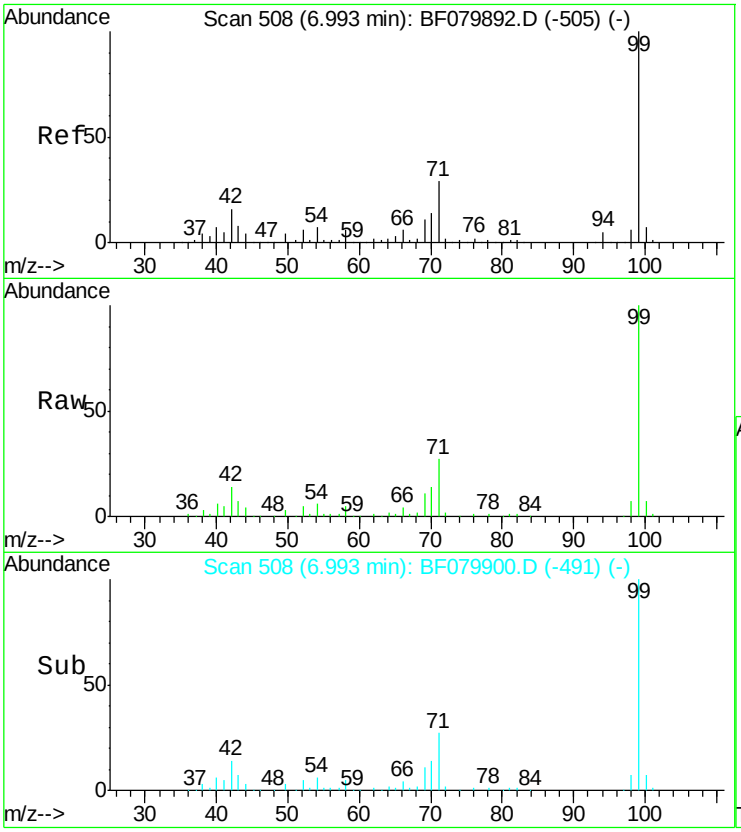


#6
Aniline
Concen: 0.10 ng
RT: 7.16 min Scan# 523
Delta R.T. 0.11 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 93 Resp: 553

Ion	Ratio	Lower	Upper
93	100		
66	12919.9	29.4	44.0#
65	1115.4	14.9	22.3#



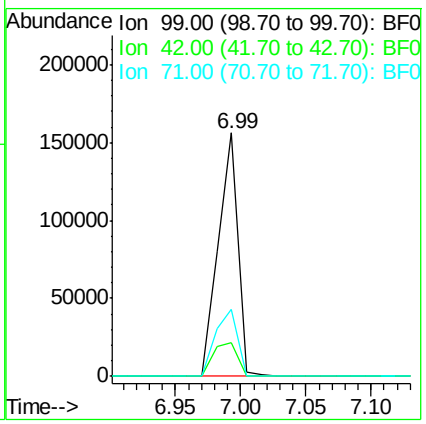


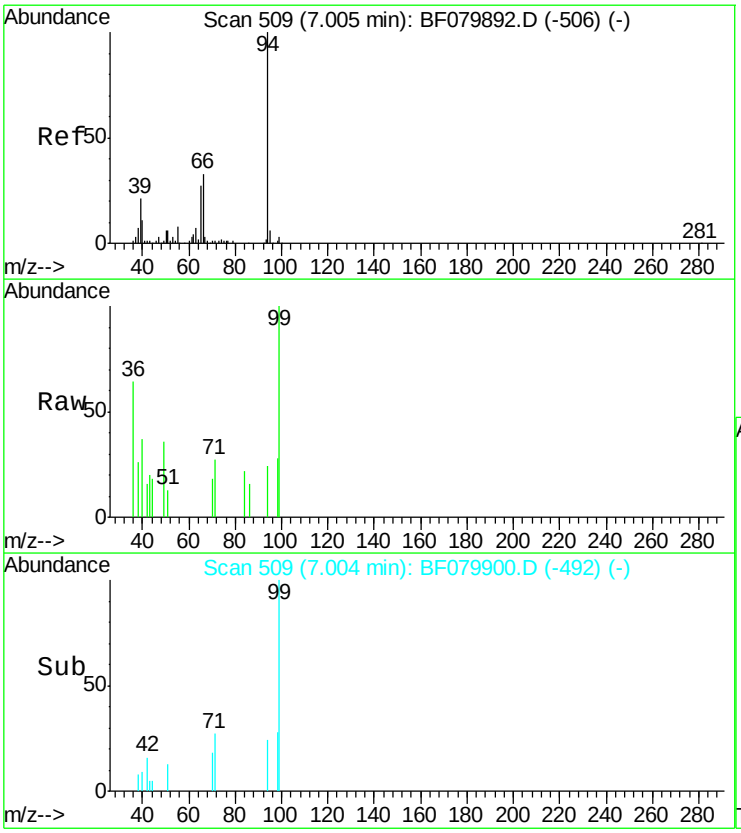
#7
Phenol-d6
Concen: 42.60 ng
RT: 6.99 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 99 Resp: 164964

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.9	19.3
71	27.3	23.4	35.2

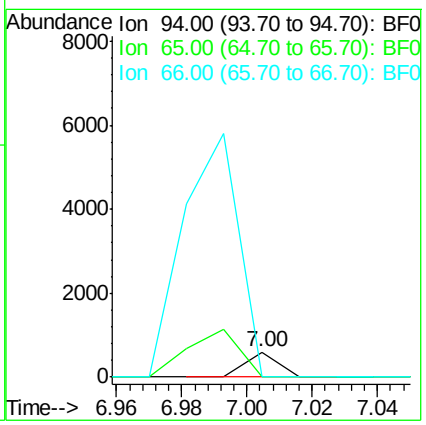


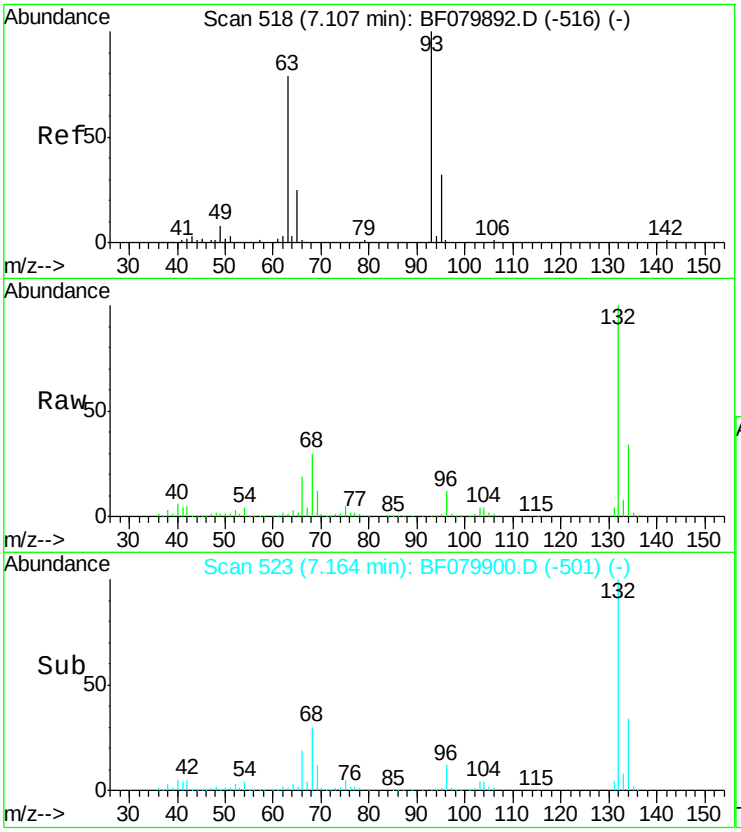


#10
Phenol
Concen: 0.10 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 94 Resp: 414

Ion	Ratio	Lower	Upper
94	100		
65	0.0	7.0	47.0#
66	0.0	13.3	53.3#



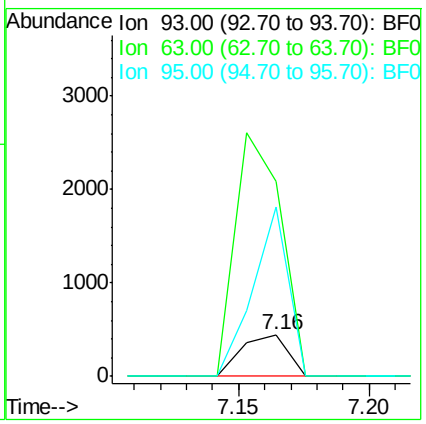


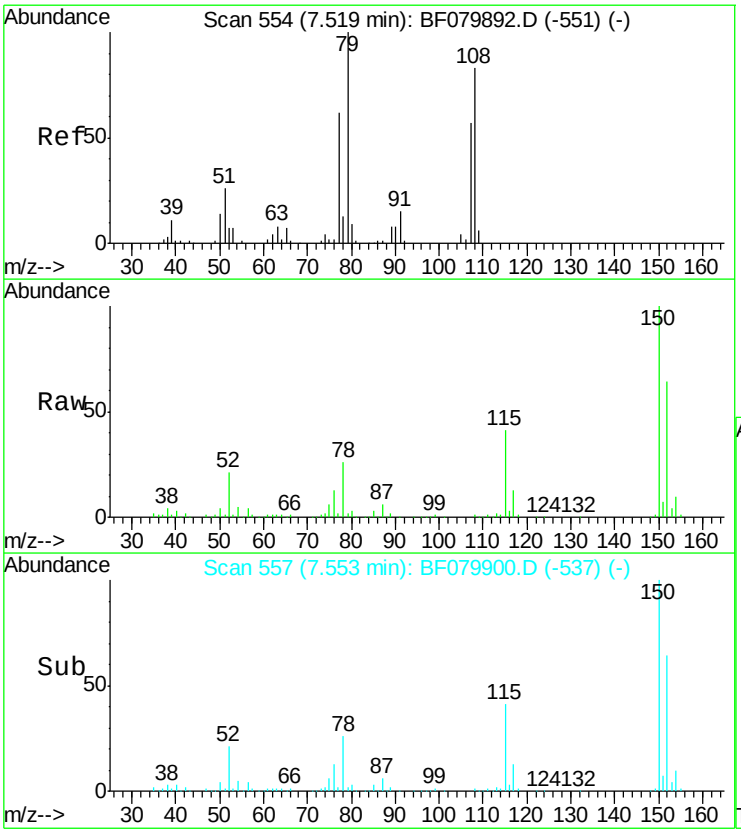
#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.16 min Scan# 523
Delta R.T. 0.06 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 93 Resp: 553

Ion	Ratio	Lower	Upper
93	100		
63	467.3	58.7	98.7#
95	405.1	11.5	51.5#

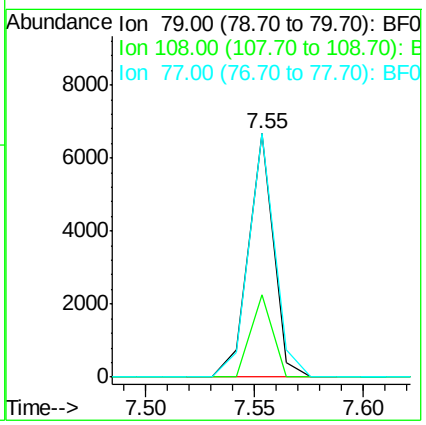


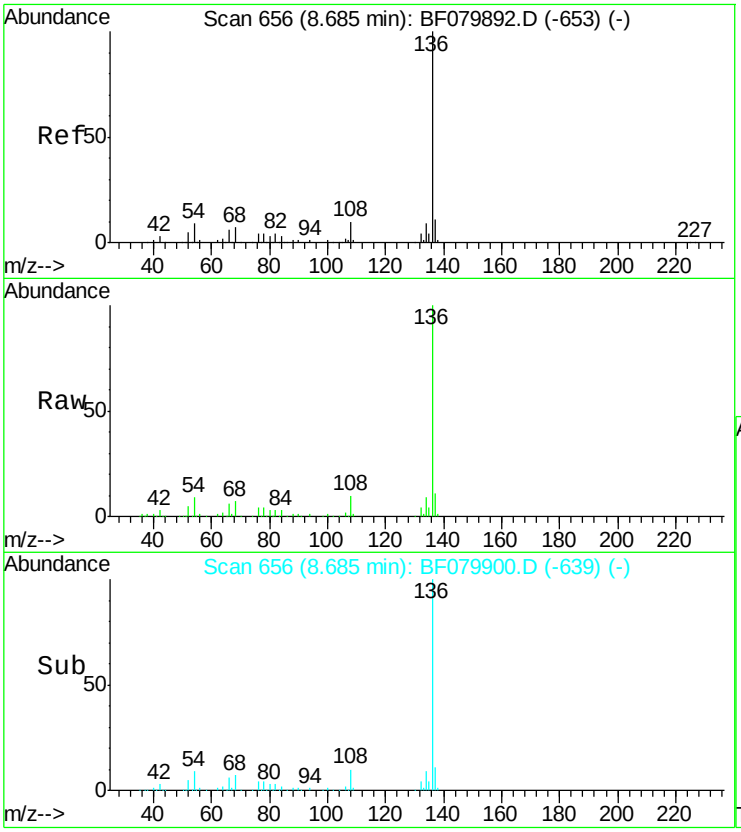


#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.03 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 79 Resp: 5359

Ion	Ratio	Lower	Upper
79	100		
108	33.7	66.4	99.6#
77	99.9	49.4	74.0#



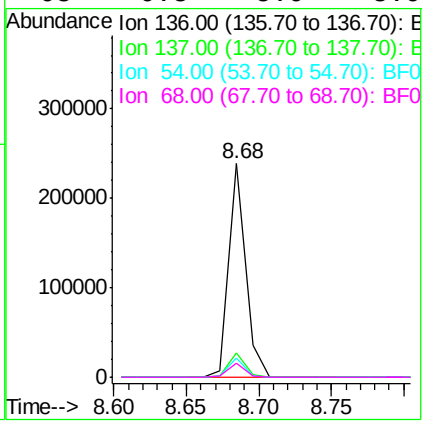


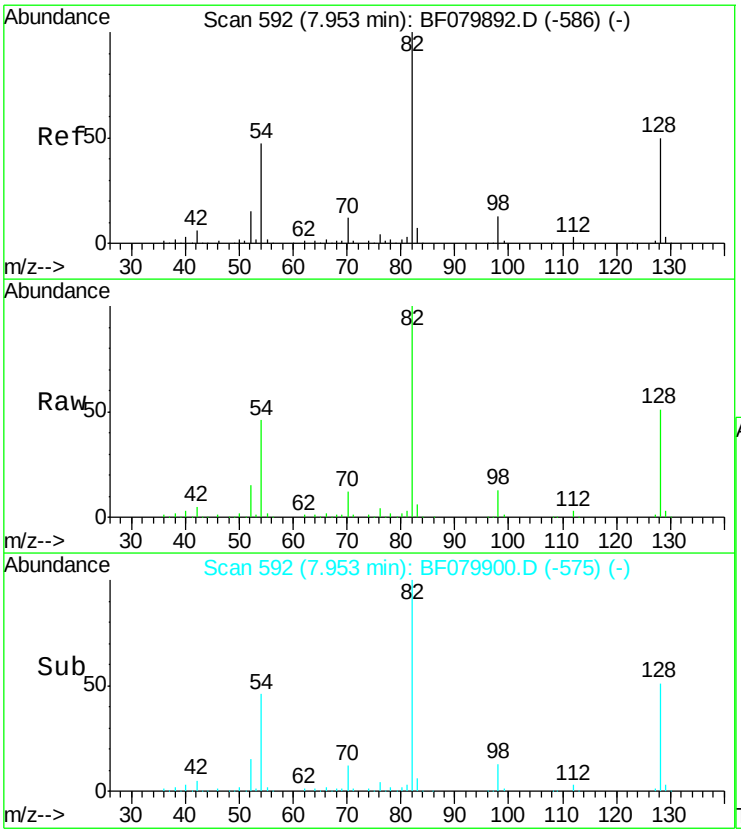
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:136 Resp: 194052

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.2	7.3	10.9
68	6.8	5.9	8.9

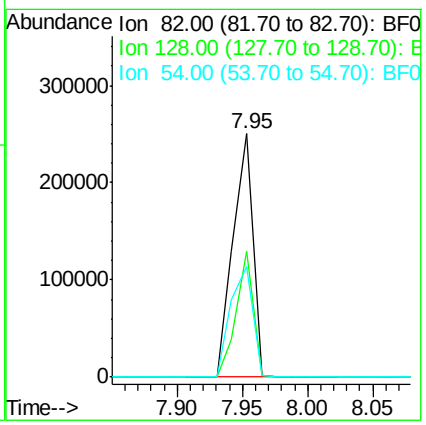


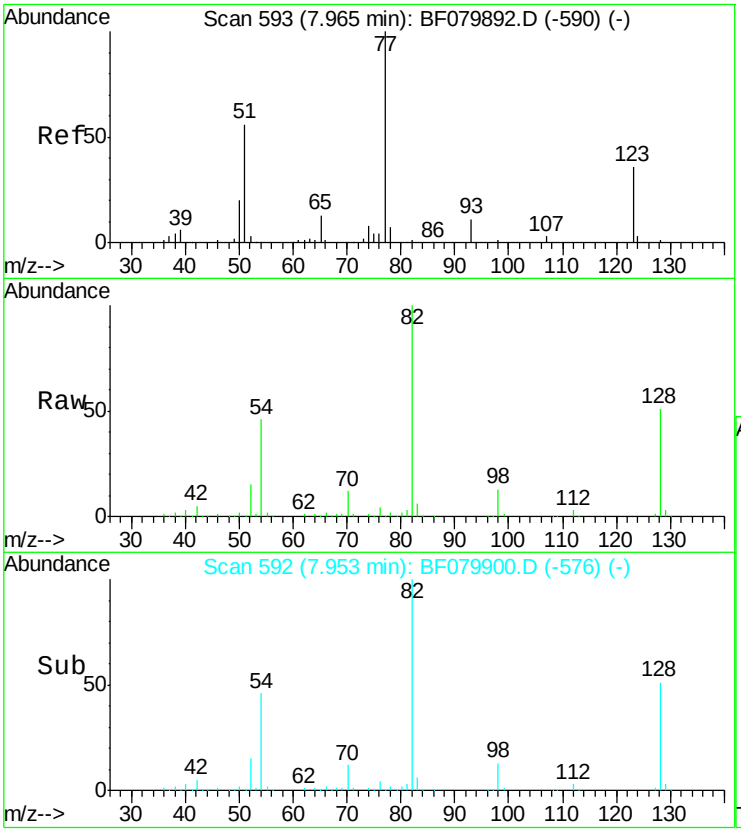


#23
Nitrobenzene-d5
Concen: 80.73 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 82 Resp: 263360

Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.3	60.5
54	45.6	38.0	57.0



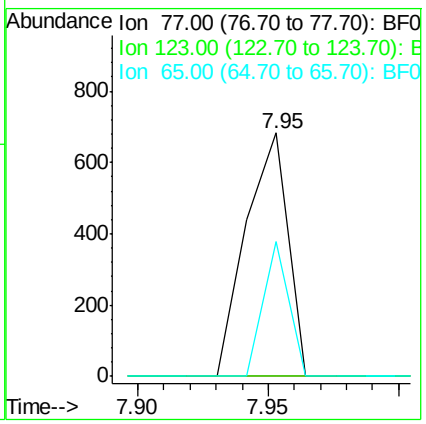


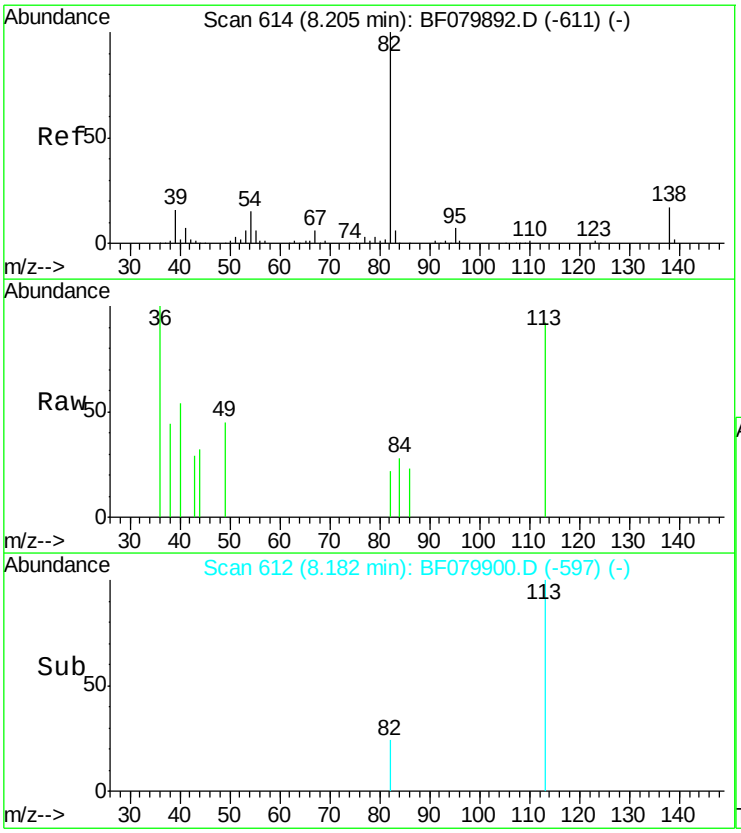
#24
Nitrobenzene
Concen: 0.23 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 77 Resp: 771

Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.8	43.2#
65	55.6	10.3	15.5#

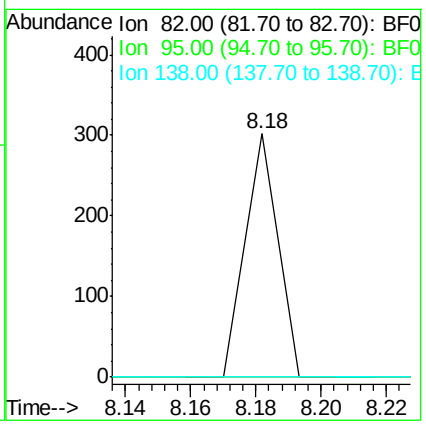


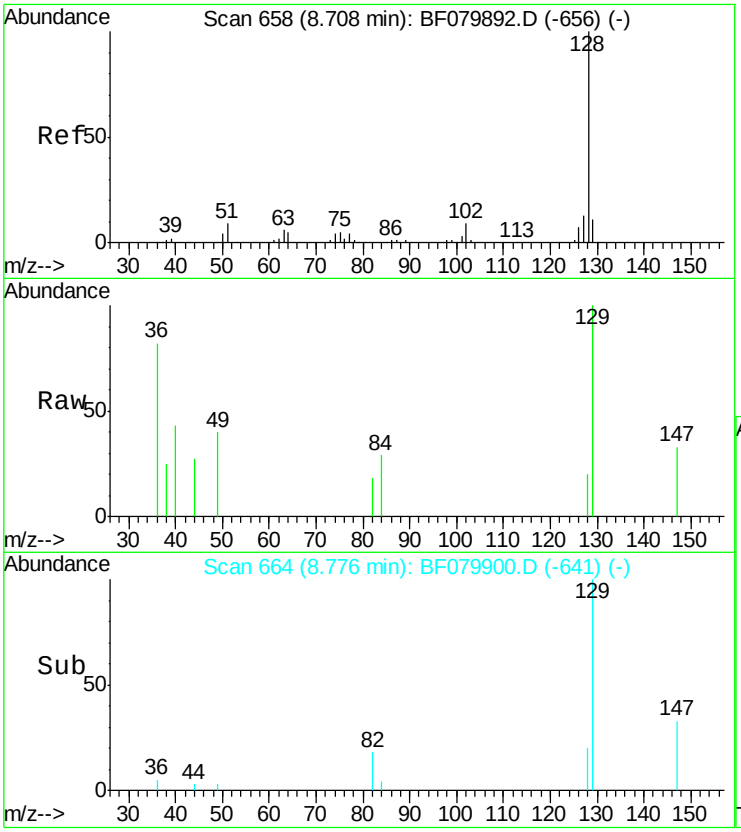


#25
Isophorone
Concen: 0.03 ng
RT: 8.18 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion: 82 Resp: 207

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.3	19.9#



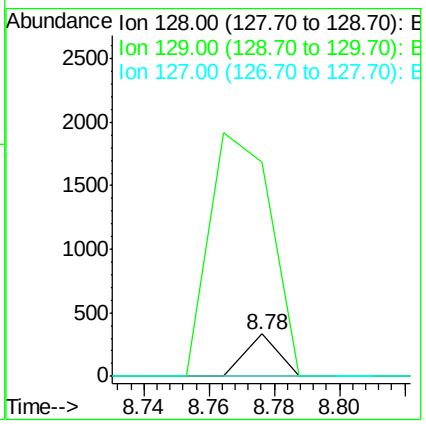


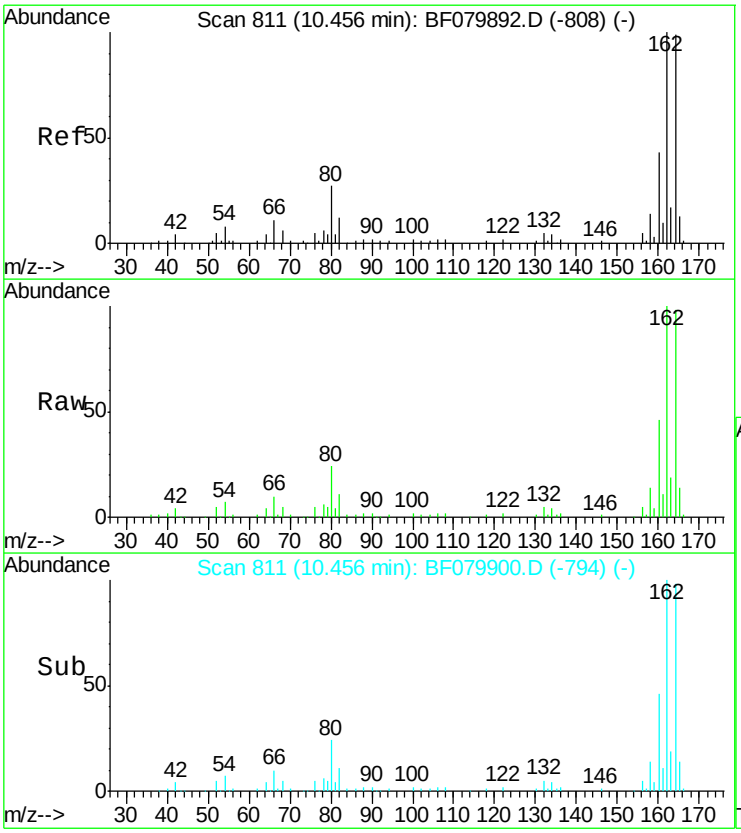
#31
Naphthalene
Concen: 0.02 ng
RT: 8.78 min Scan# 664
Delta R.T. 0.07 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:128 Resp: 227

Ion	Ratio	Lower	Upper
128	100		
129	510.0	8.8	13.2#
127	0.0	10.5	15.7#

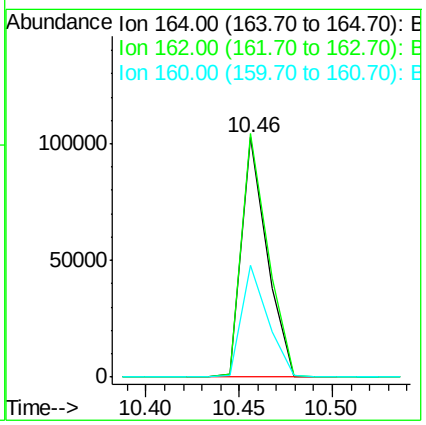


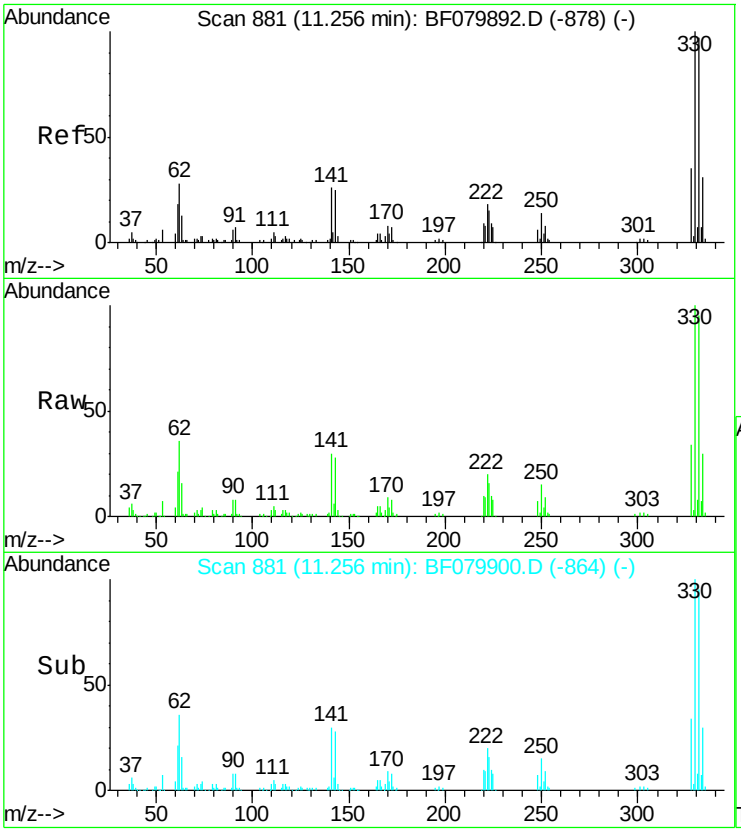


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:164 Resp: 97632

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	46.6	34.6	51.8



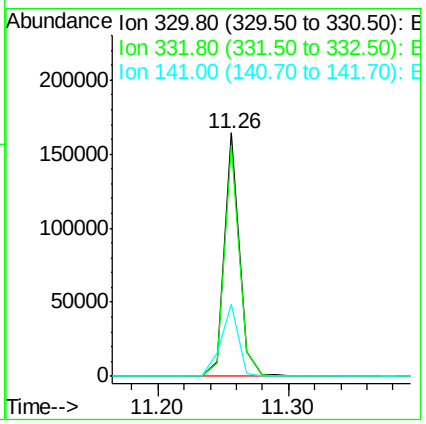


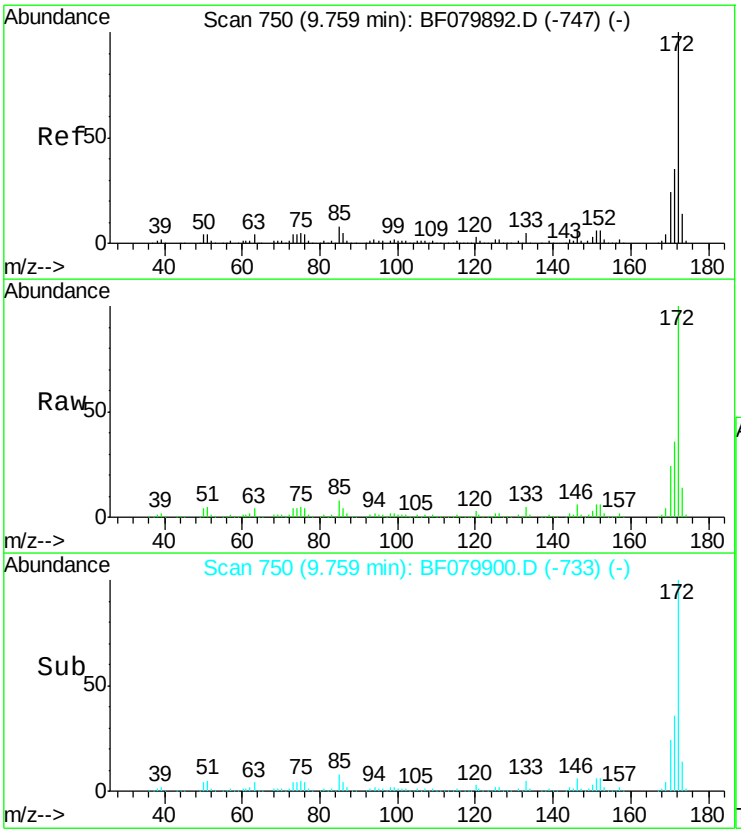
#41
2,4,6-Tribromophenol
Concen: 152.97 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:330 Resp: 133290

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	34.5	26.8	40.2

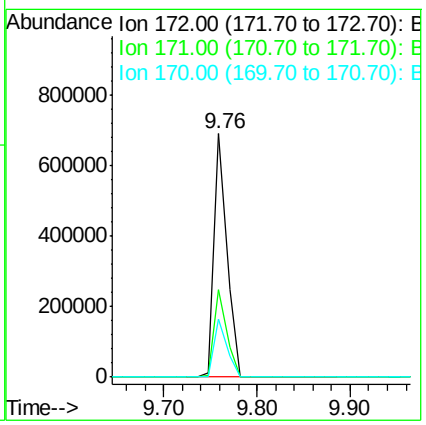


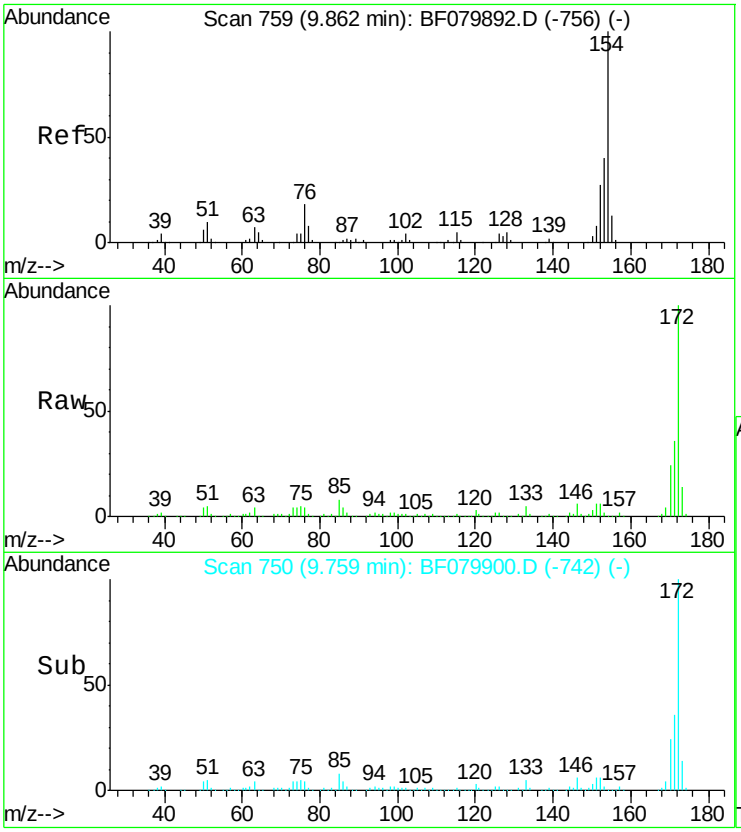


#44
2-Fluorobiphenyl
Concen: 94.97 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:172 Resp: 657877

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	24.0	19.0	28.4



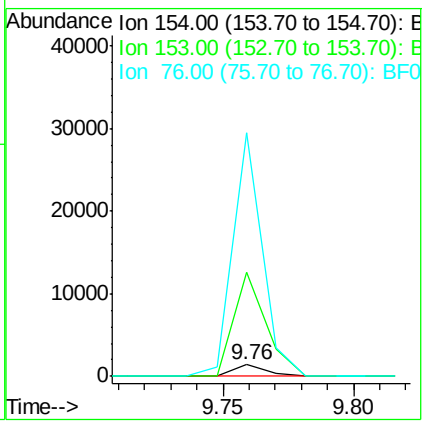


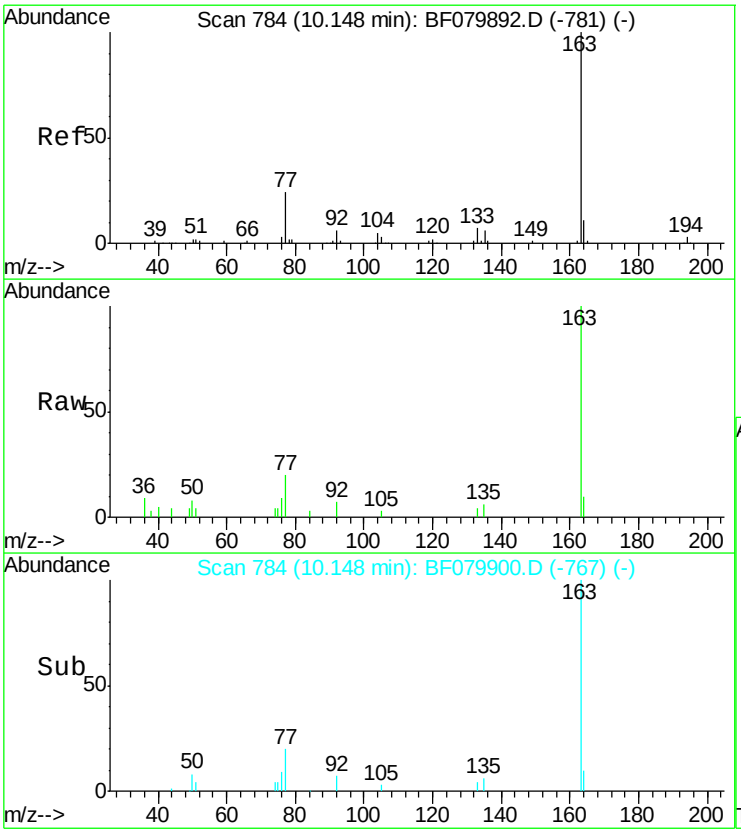
#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:154 Resp: 1193

Ion	Ratio	Lower	Upper
154	100		
153	921.5	20.1	60.1#
76	2145.0	0.0	38.4#

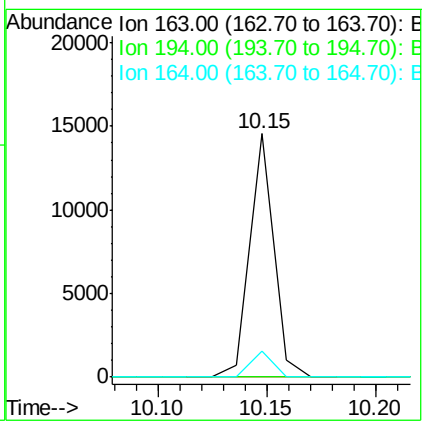


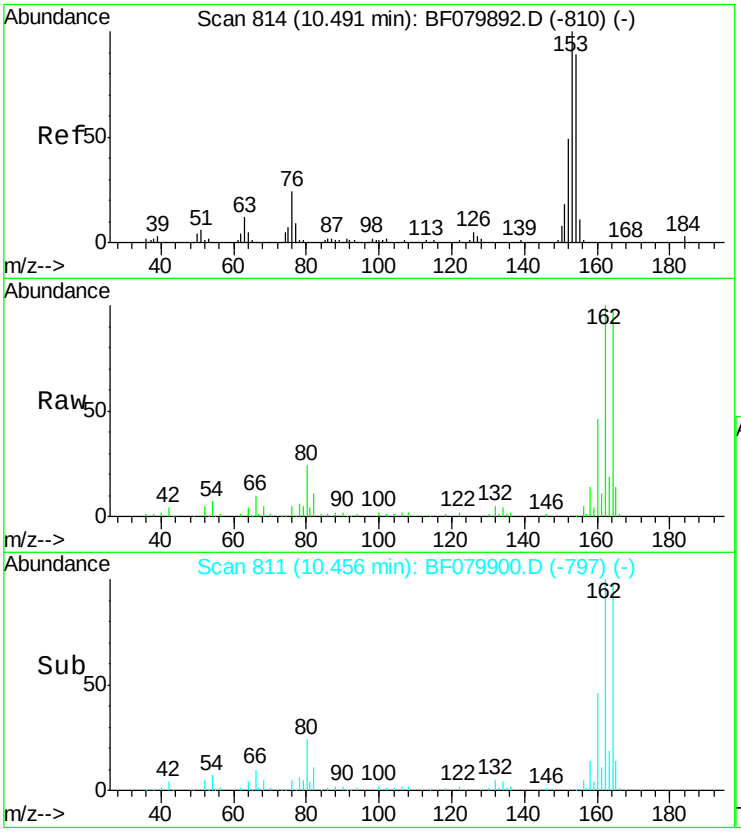


#49
Dimethylphthalate
Concen: 1.45 ng
RT: 10.15 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:163 Resp: 11190

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	10.5	8.6	12.8



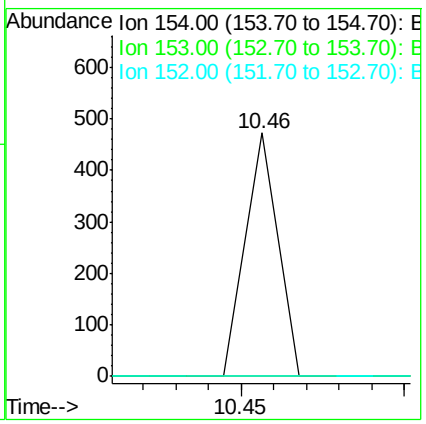


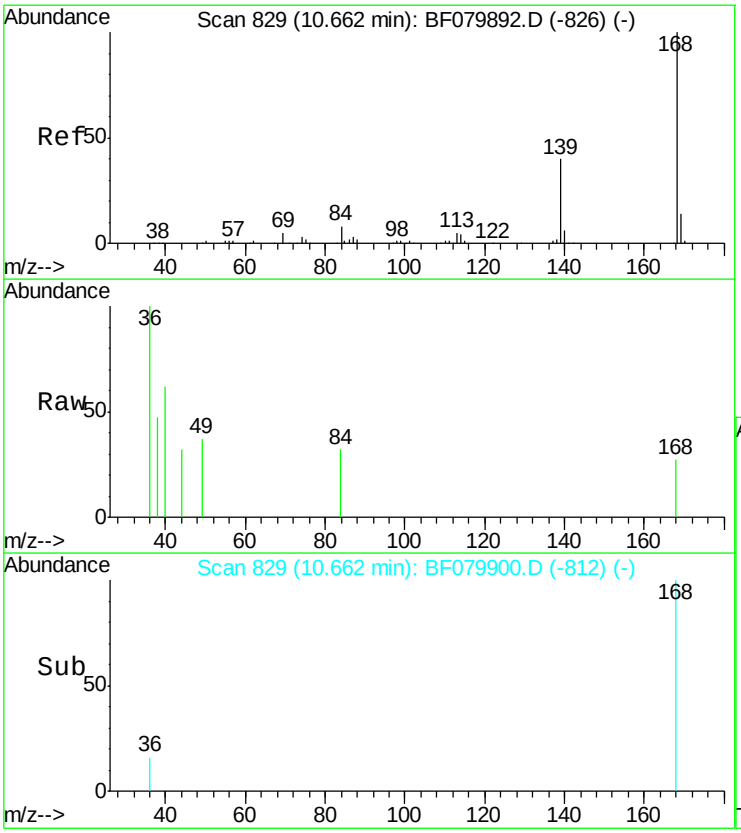
#51
Acenaphthene
Concen: 0.05 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.03 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:154 Resp: 324

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	43.7	65.5#

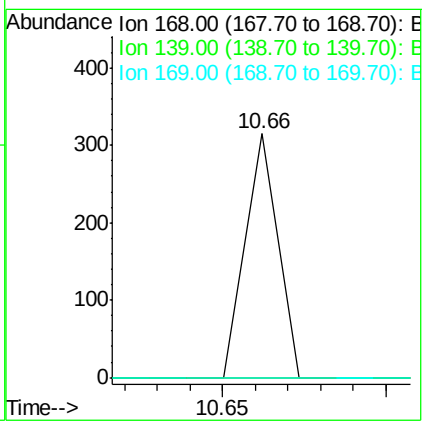


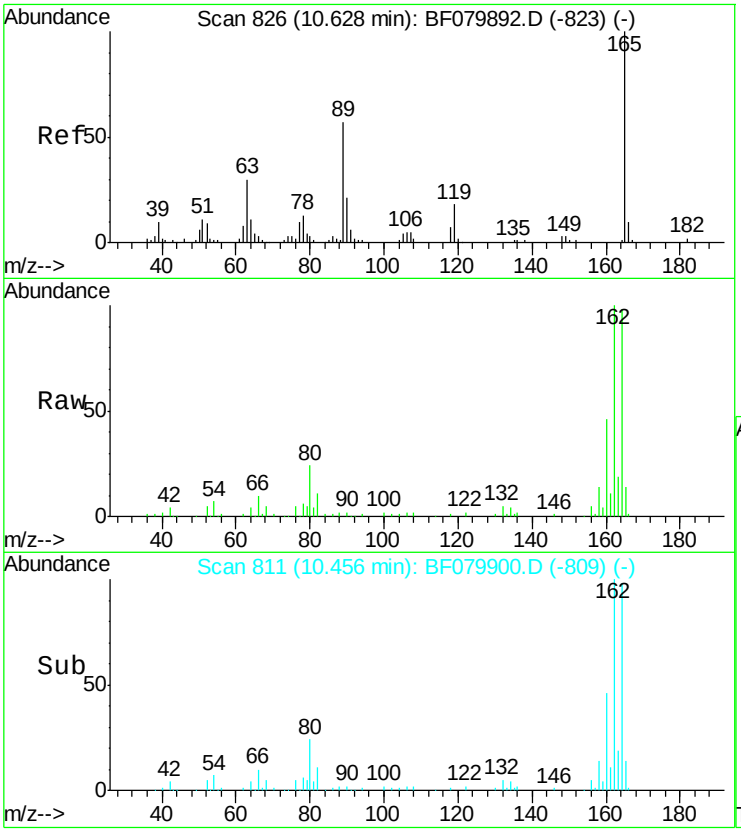


#54
Dibenzofuran
Concen: 0.02 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:168 Resp: 216

Ion	Ratio	Lower	Upper
168	100		
139	0.0	32.2	48.2#
169	0.0	11.0	16.6#



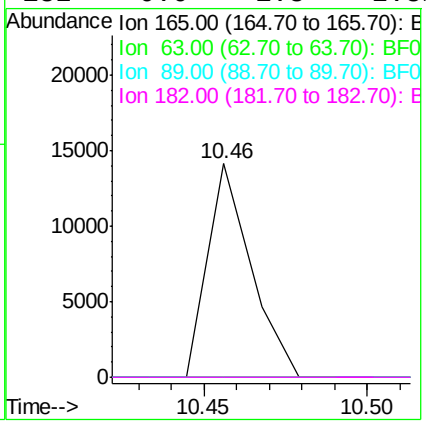


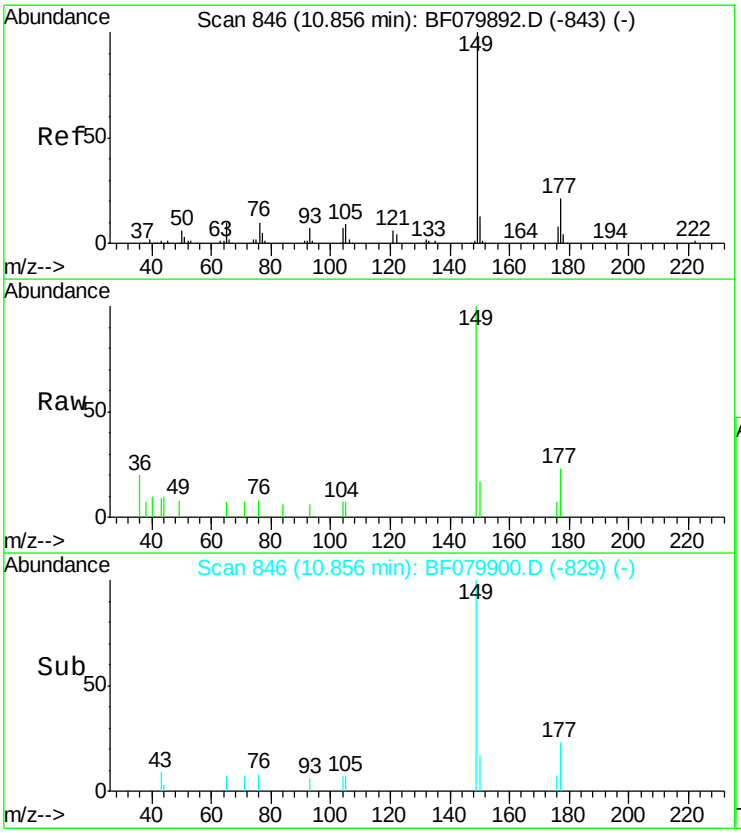
#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.17 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:165 Resp: 12915

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.3	36.5#
89	0.0	45.4	68.2#
182	0.0	1.8	2.8#

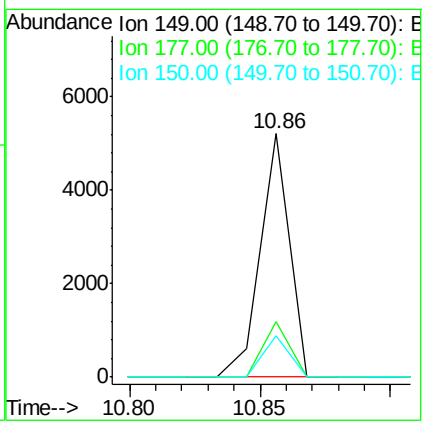


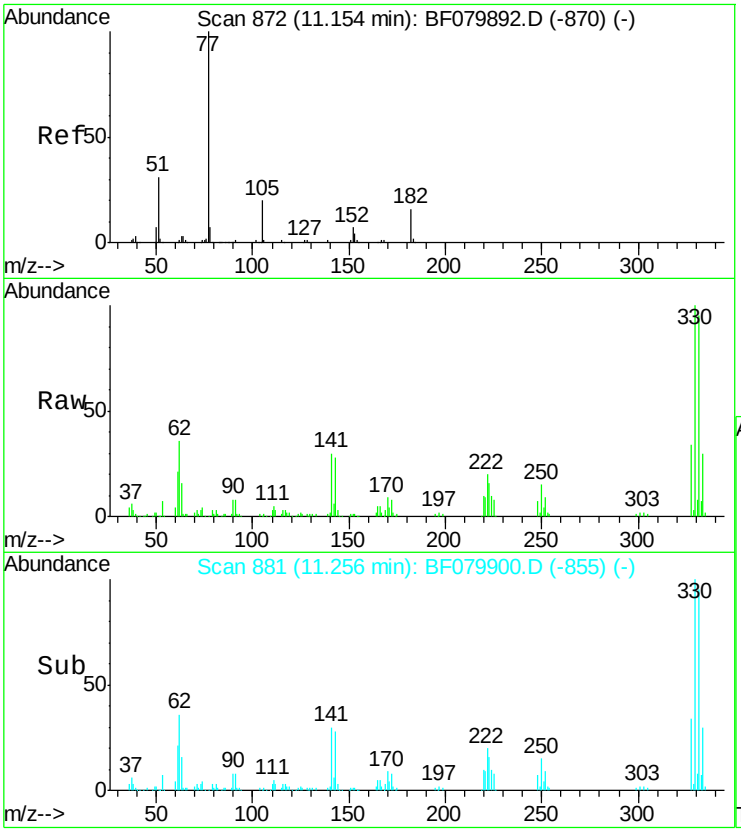


#59
Diethylphthalate
Concen: 0.53 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:149 Resp: 4002

Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.9	25.3
150	17.1	10.4	15.6#



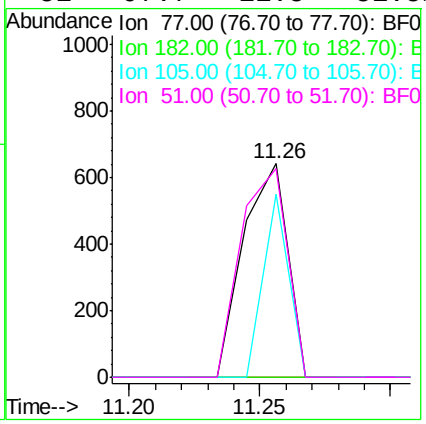


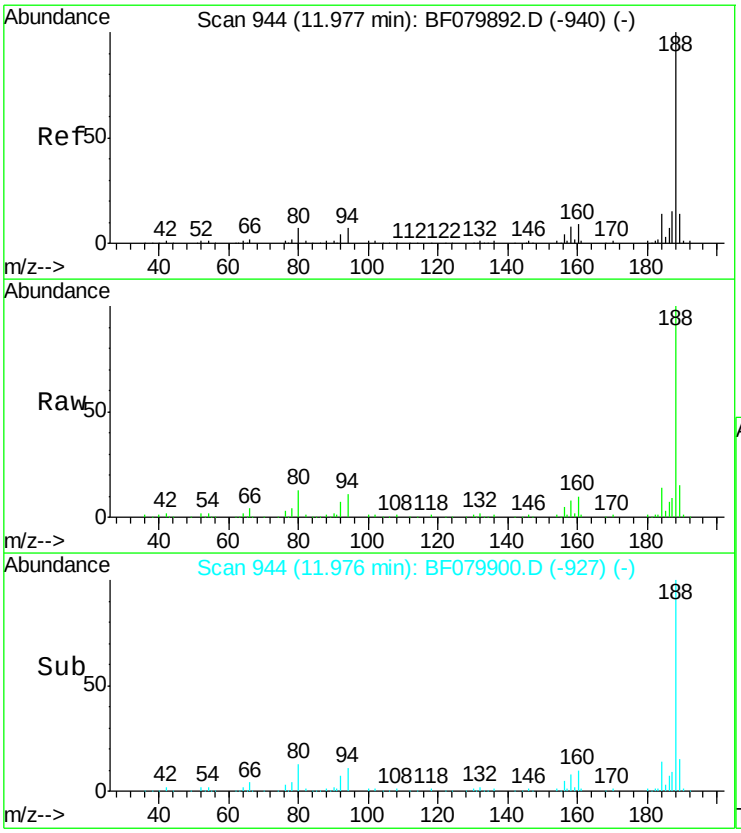
#62
Azobenzene
Concen: 0.10 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 77 Resp: 765

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	35.9
105	85.5	0.1	40.1#
51	97.7	11.5	51.5#

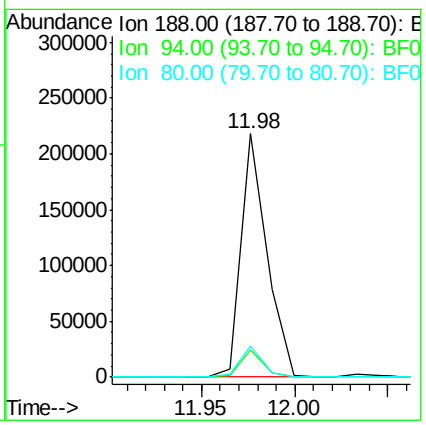


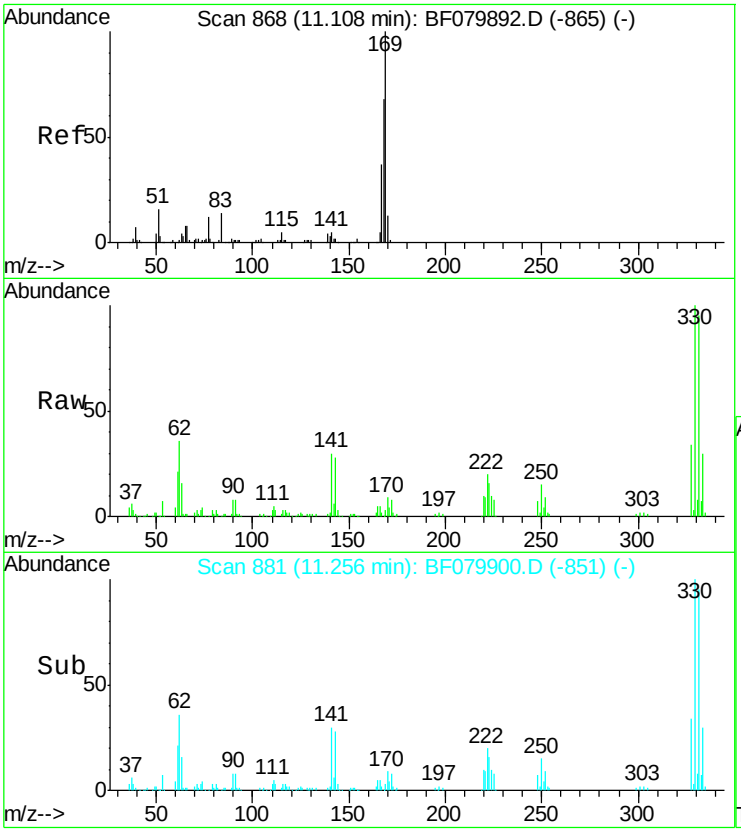


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:188 Resp: 210083

Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.8	8.8#
80	13.0	5.9	8.9#



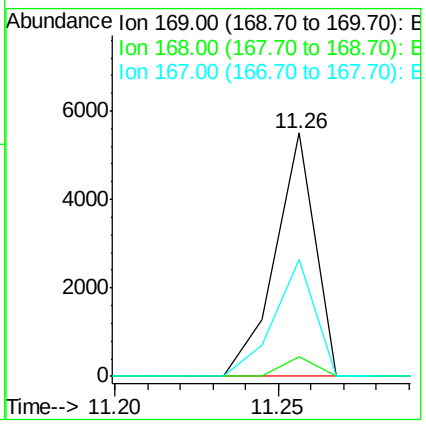


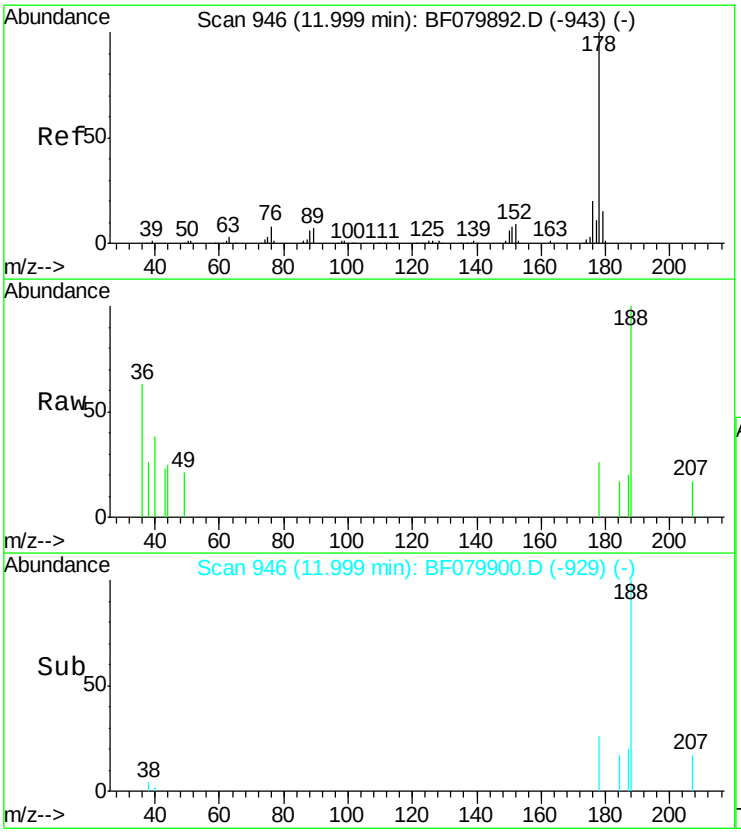
#65
n-Nitrosodiphenylamine
Concen: 0.66 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:169 Resp: 4651

Ion	Ratio	Lower	Upper
169	100		
168	7.9	54.2	81.4#
167	48.2	29.7	44.5#

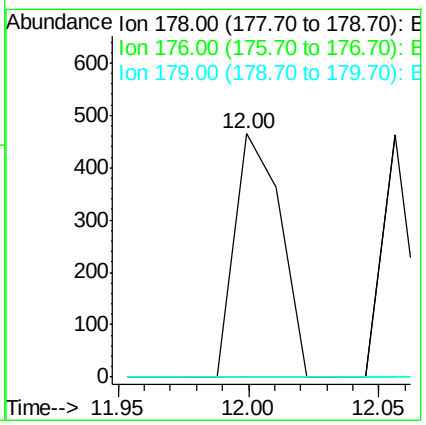


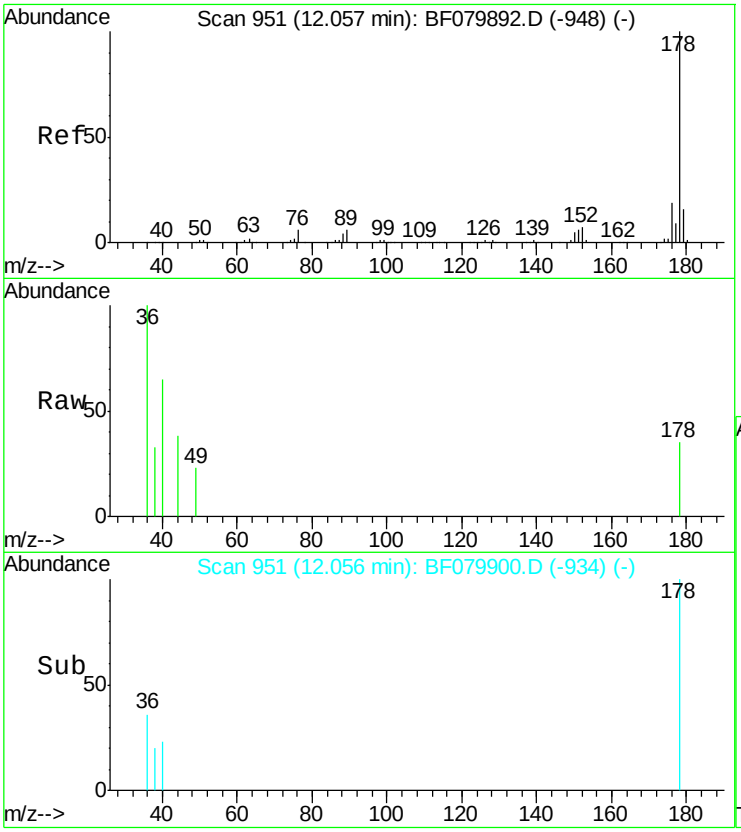


#70
Phenanthrene
Concen: 0.04 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:178 Resp: 567

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	12.3	18.5#



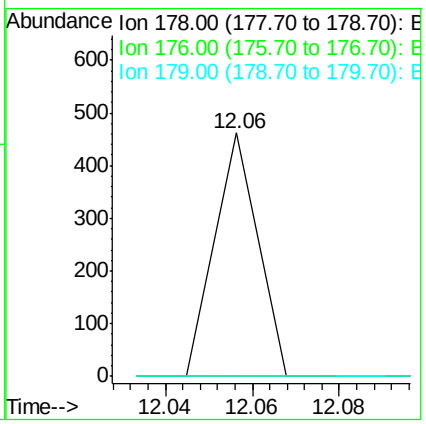


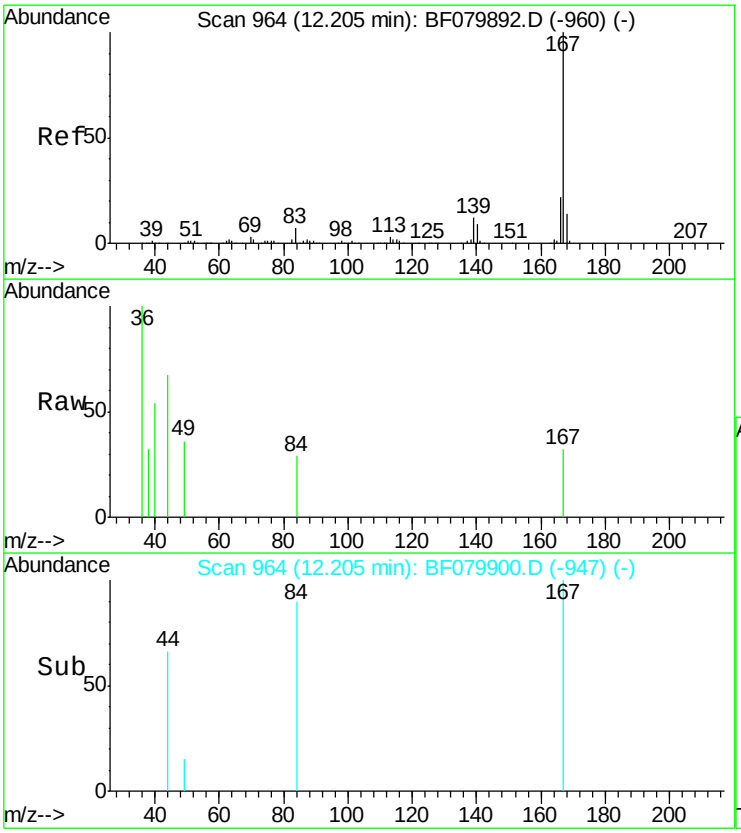
#71
Anthracene
Concen: 0.03 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:178 Resp: 317

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.5	18.7#

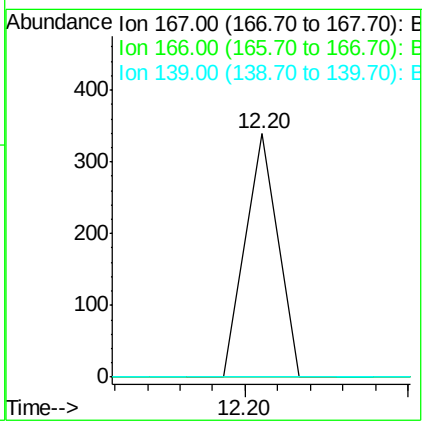


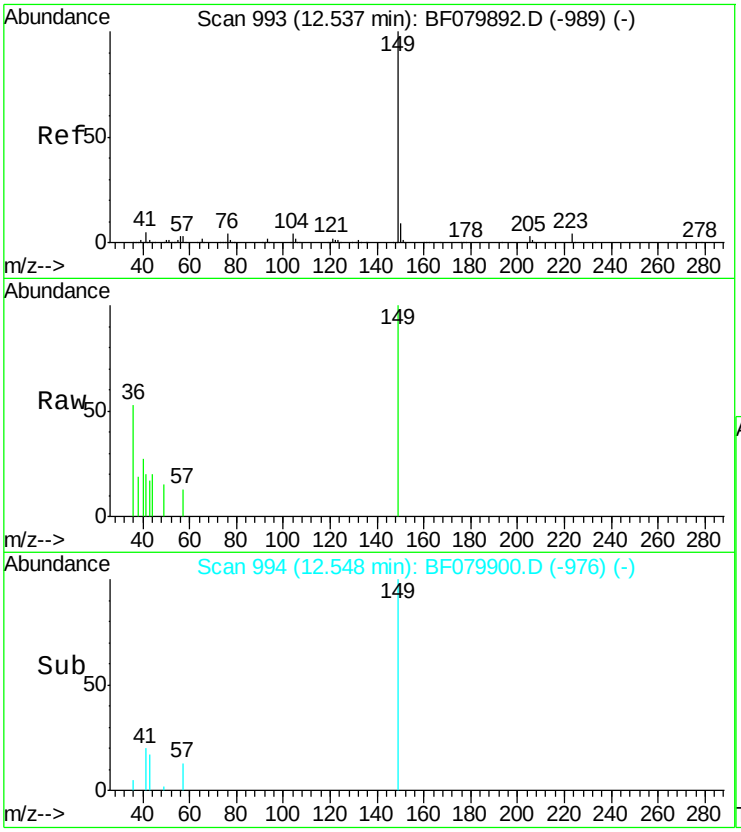


#72
Carbazole
Concen: 0.02 ng
RT: 12.20 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:167 Resp: 232

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	0.0	9.5	14.3#



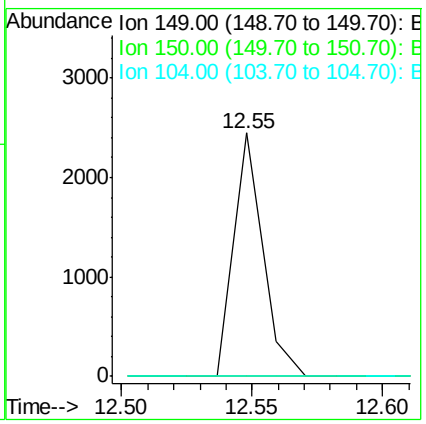


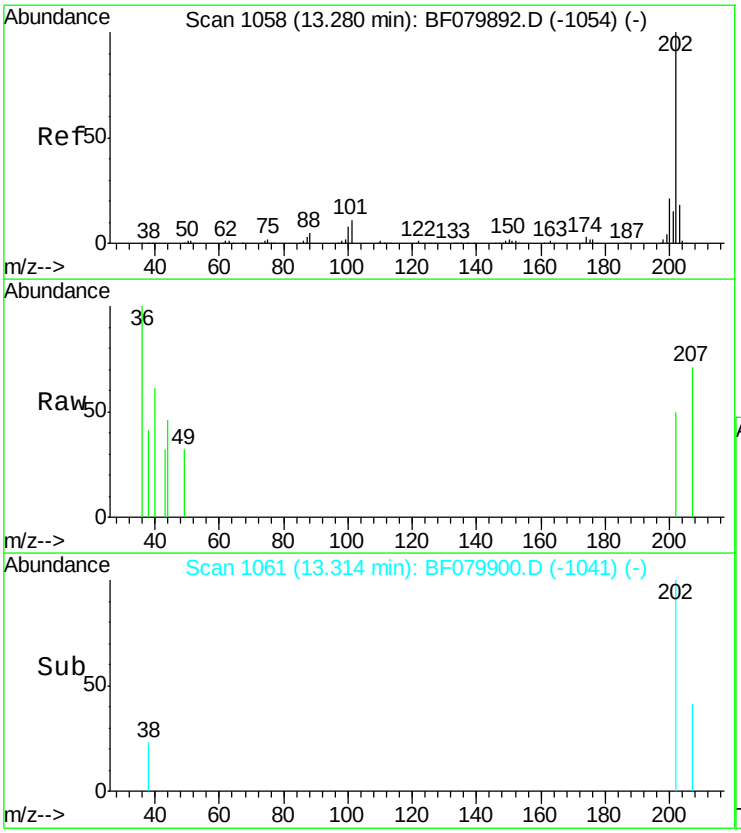
#73
Di-n-butylphthalate
Concen: 0.16 ng
RT: 12.55 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:149 Resp: 1920

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	3.3	4.9#

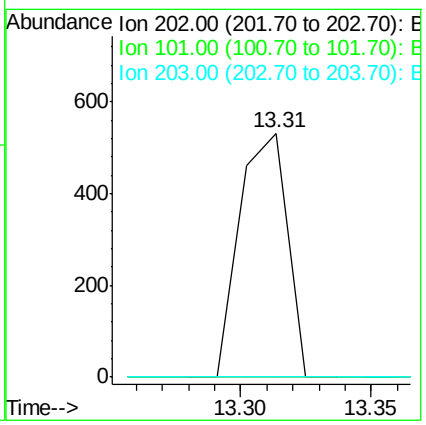


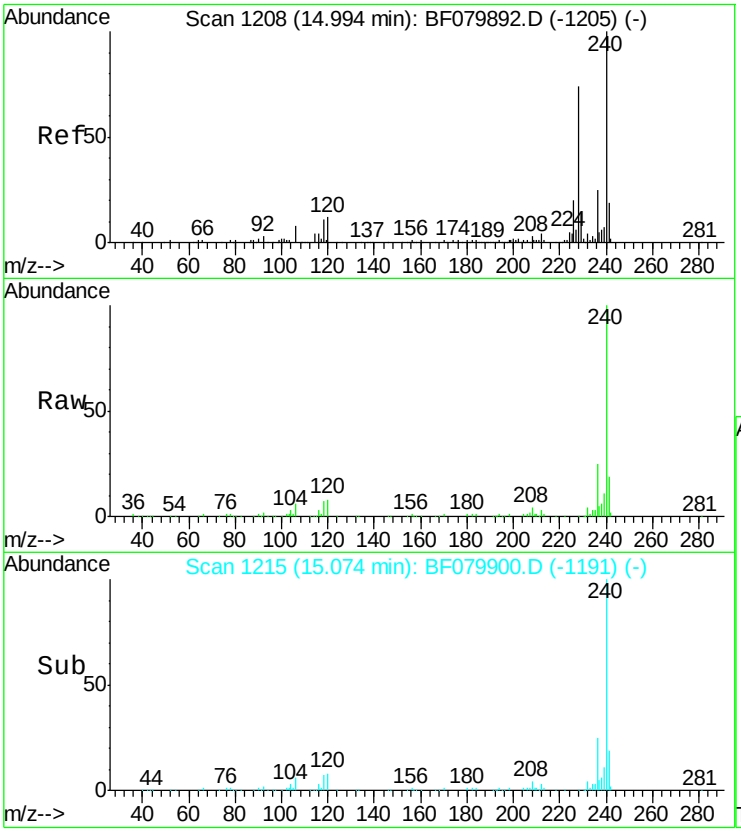


#74
Fluoranthene
Concen: 0.05 ng
RT: 13.31 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:202 Resp: 680

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.7
203	0.0	0.0	38.0



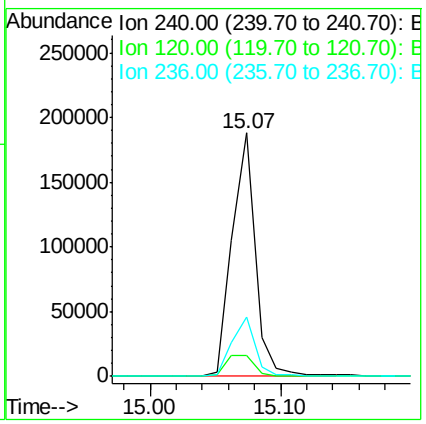


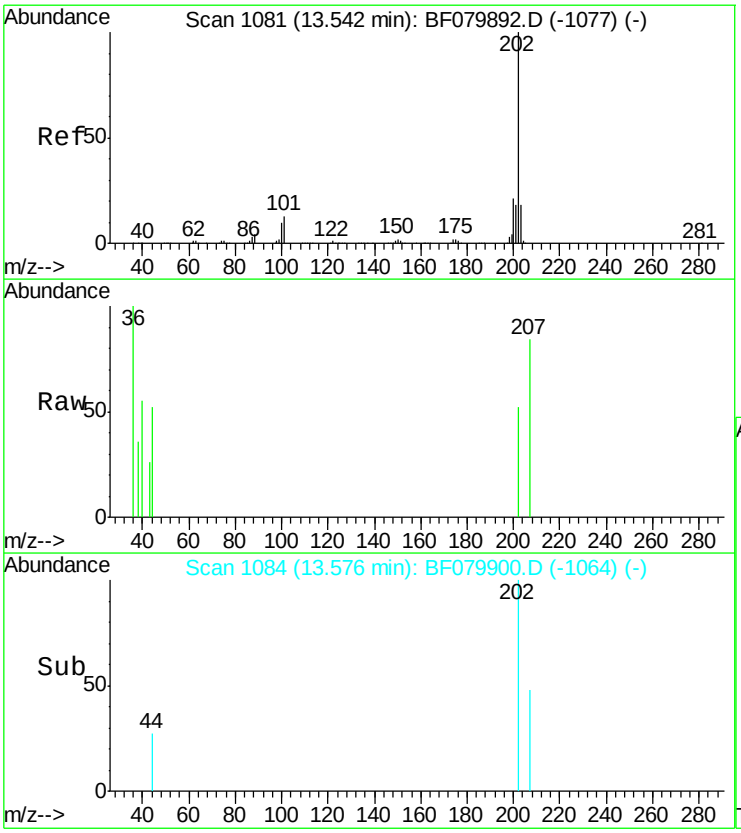
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1215
Delta R.T. 0.08 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:240 Resp: 234255

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.4	14.2#
236	24.6	19.6	29.4

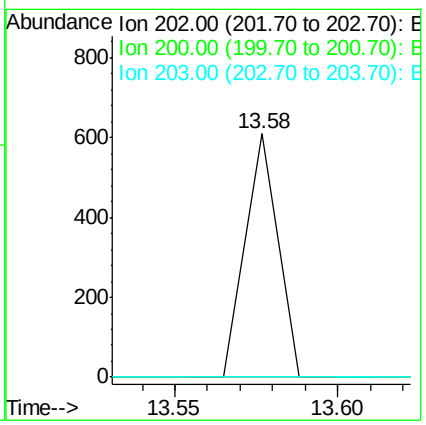


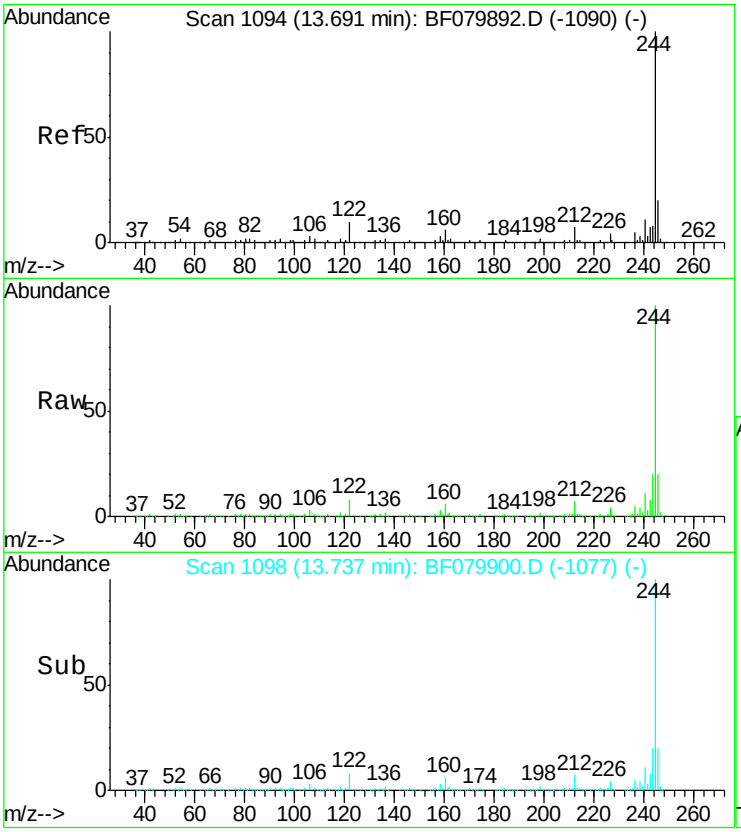


#77
Pyrene
Concen: 0.03 ng
RT: 13.58 min Scan# 1084
Delta R.T. 0.03 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:202 Resp: 418

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.8	25.2#
203	0.0	14.4	21.6#



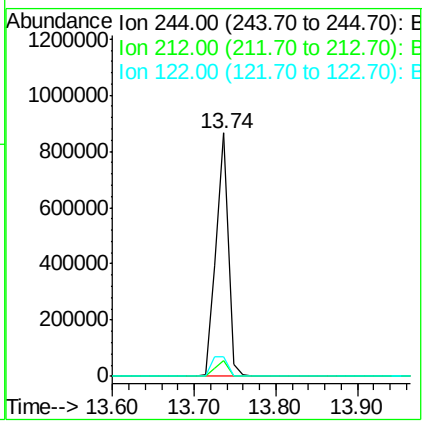


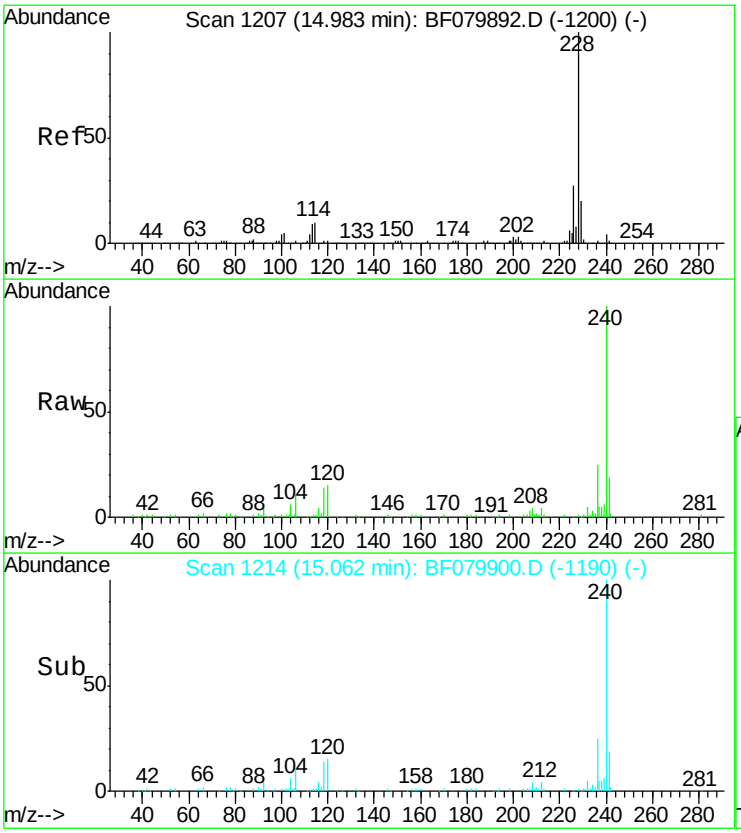
#78
Terphenyl-d14
Concen: 88.10 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.05 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:244 Resp: 908272

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	8.1	7.8	11.8

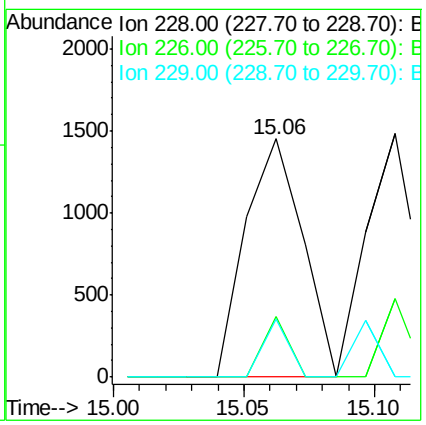


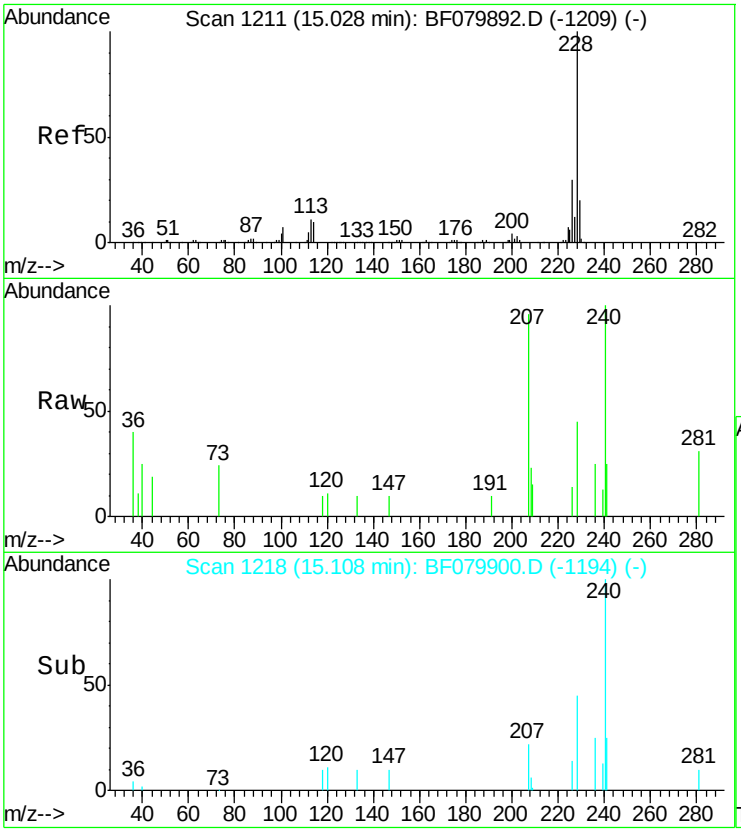


#80
Benzo(a)anthracene
Concen: 0.16 ng
RT: 15.06 min Scan# 1214
Delta R.T. 0.08 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:228 Resp: 2220

Ion	Ratio	Lower	Upper
228	100		
226	25.3	21.8	32.8
229	24.6	15.9	23.9#



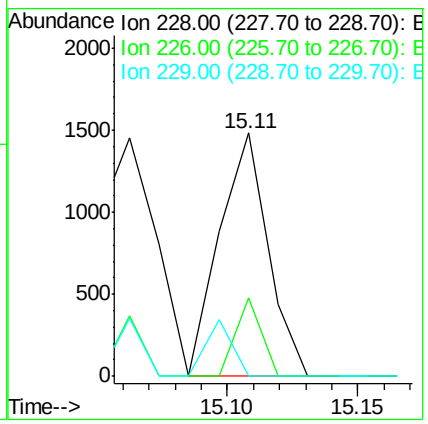


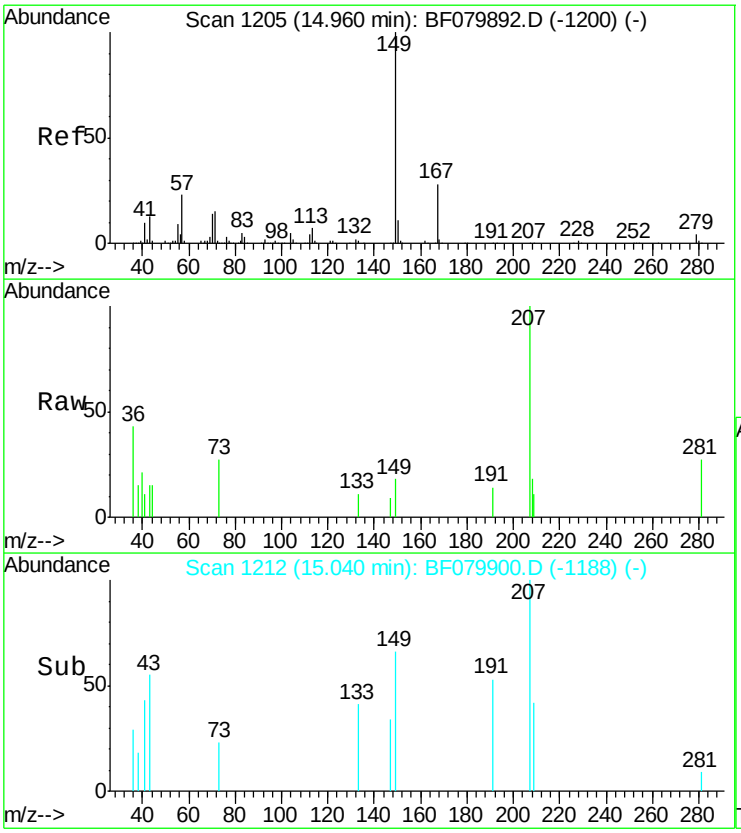
#82
Chrysene
Concen: 0.15 ng
RT: 15.11 min Scan# 1218
Delta R.T. 0.08 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:228 Resp: 1924

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.9	35.9
229	0.0	16.1	24.1#

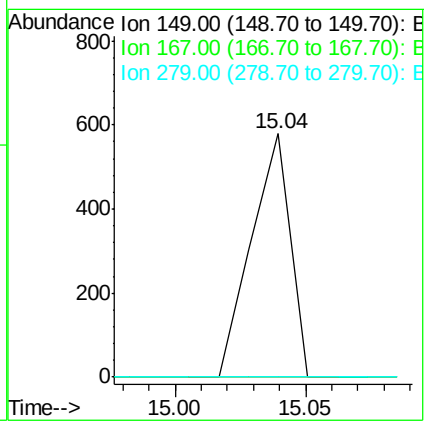


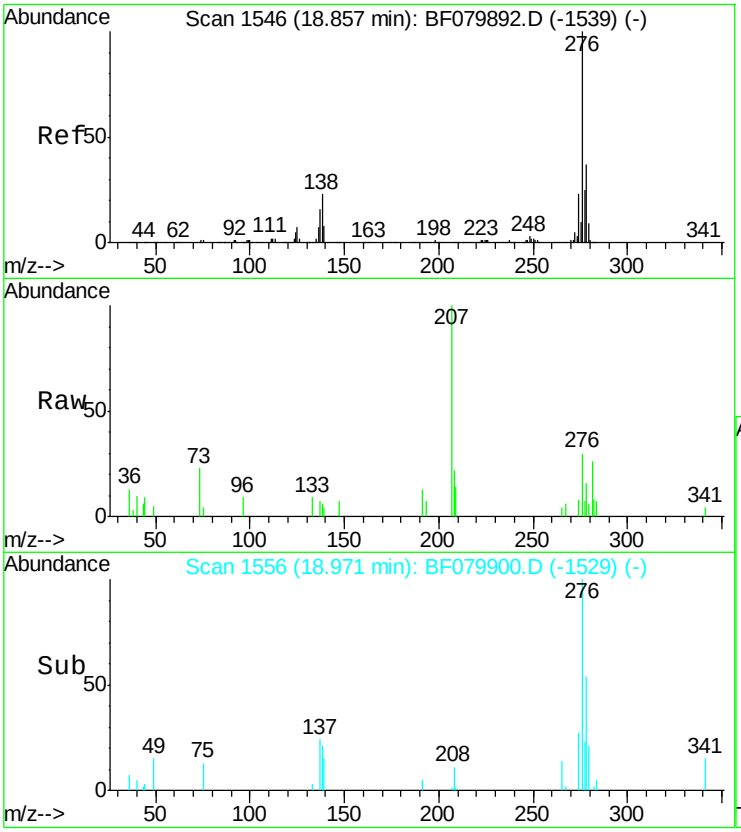


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 15.04 min Scan# 1212
Delta R.T. 0.08 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:149 Resp: 605

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.2	33.4#
279	0.0	3.1	4.7#



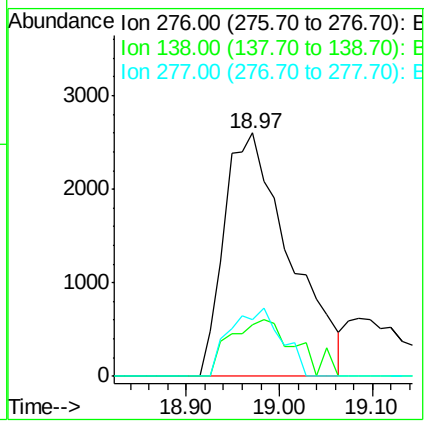


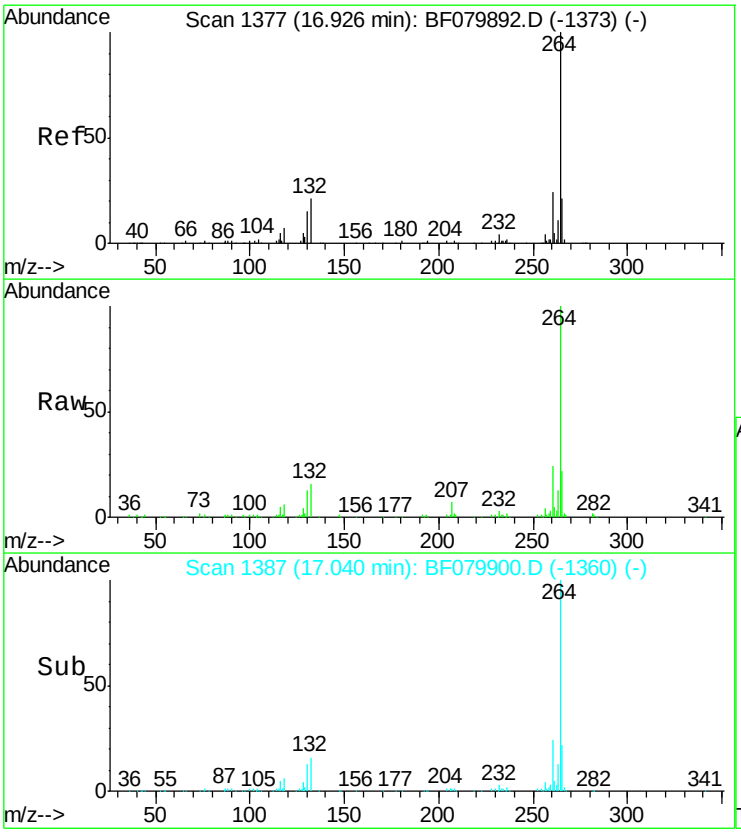
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 18.97 min Scan# 1556
Delta R.T. 0.11 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:276 Resp: 12735

Ion	Ratio	Lower	Upper
276	100		
138	23.1	21.0	31.4
277	22.0	19.9	29.9

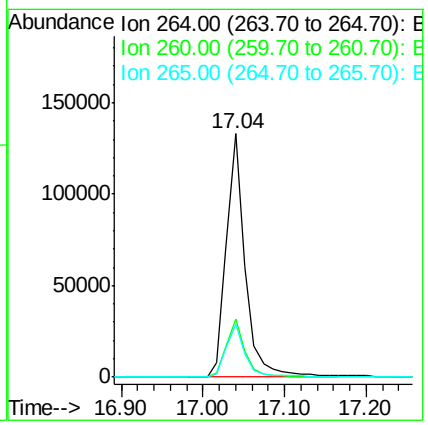


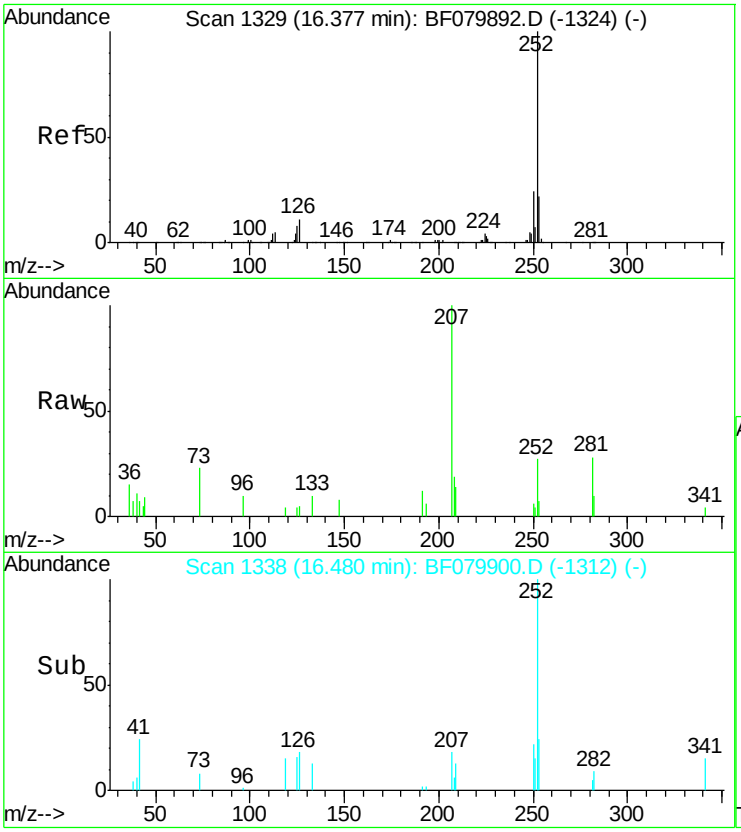


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.04 min Scan# 1387
Delta R.T. 0.11 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:264 Resp: 213561

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	17.0	25.6



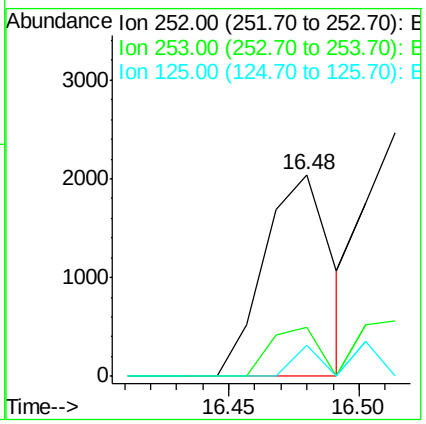


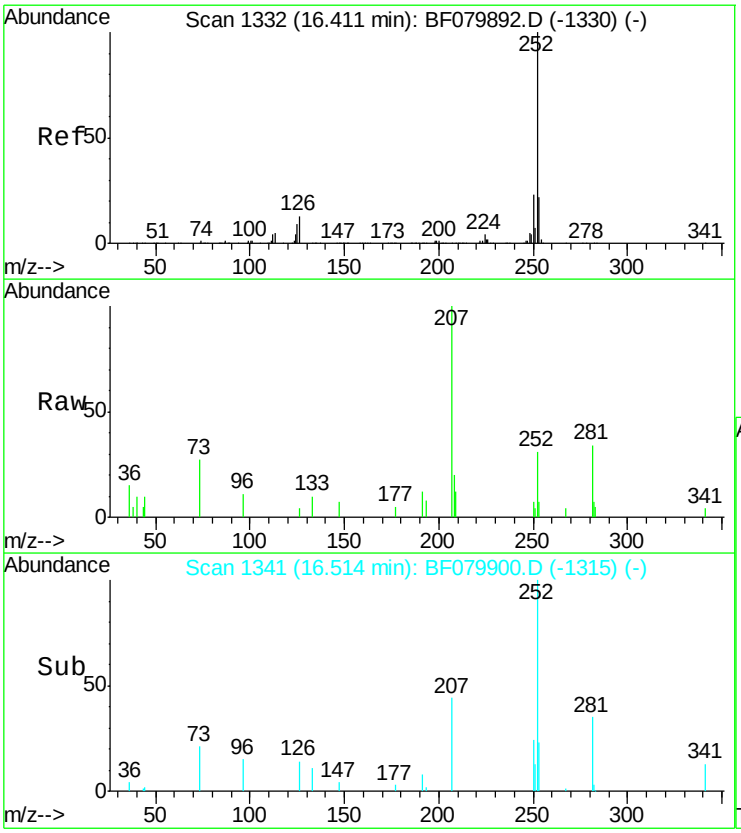
#87
Benzo(b)fluoranthene
Concen: 0.29 ng
RT: 16.48 min Scan# 1338
Delta R.T. 0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:252 Resp: 3643

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	15.7	6.5	9.7#

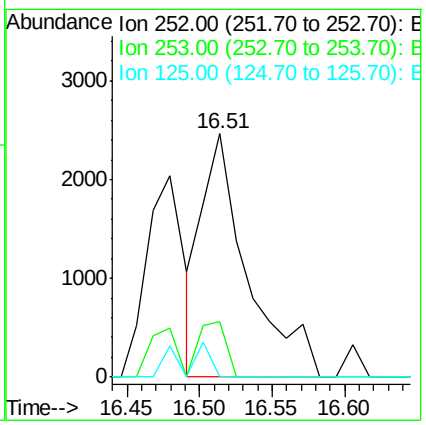


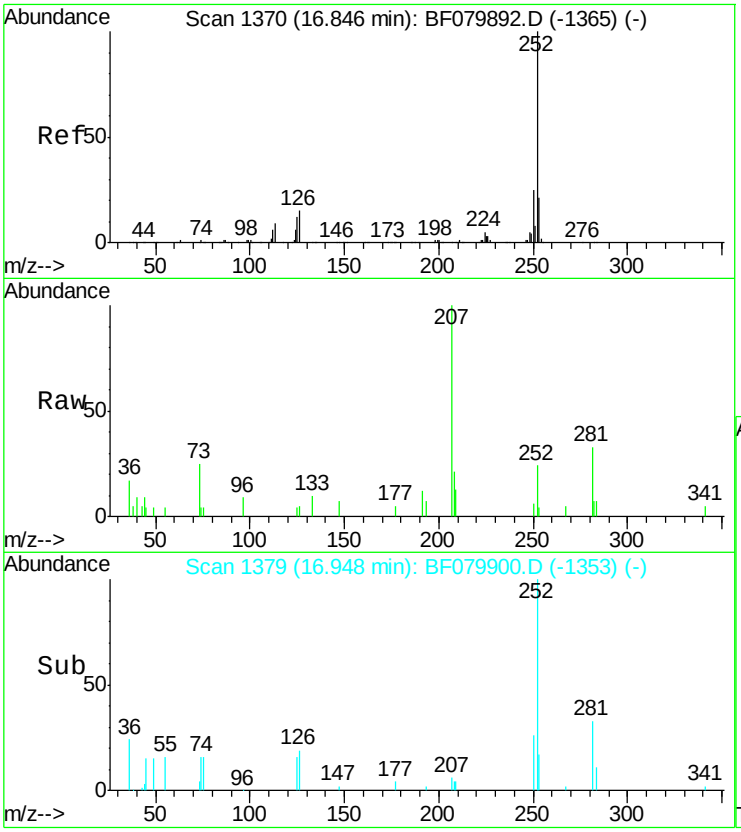


#88
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 16.51 min Scan# 1341
Delta R.T. 0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:252 Resp: 5405

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	0.0	7.4	11.0#



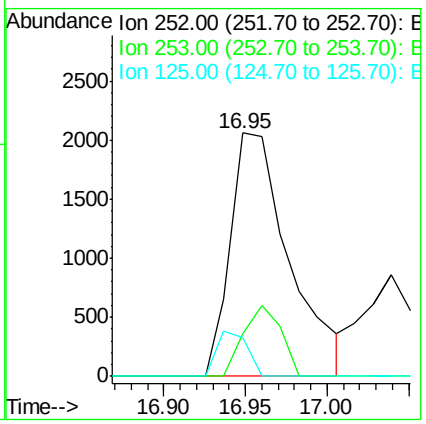


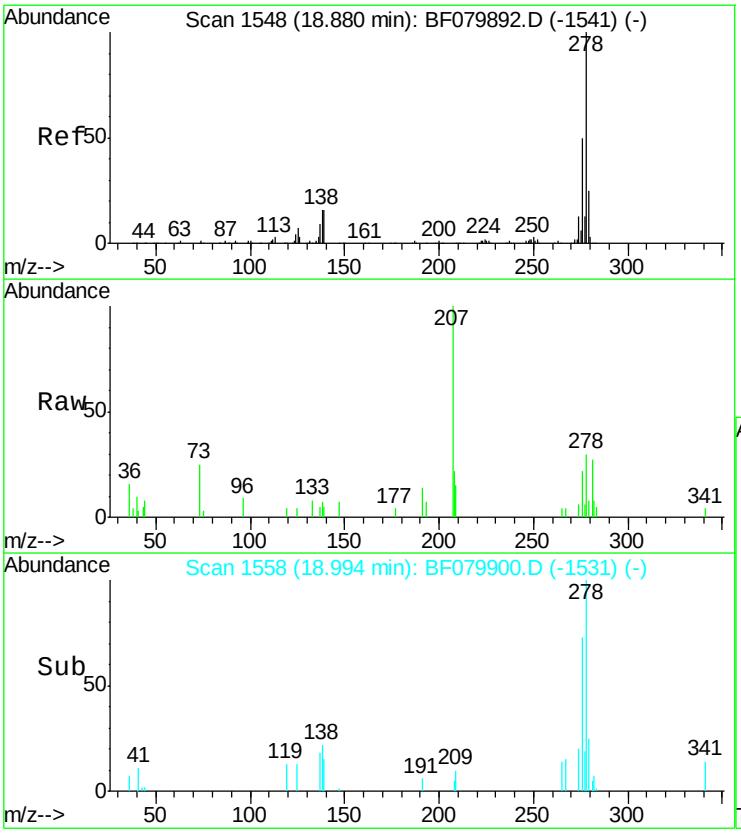
#89
Benzo(a)pyrene
Concen: 0.43 ng
RT: 16.95 min Scan# 1379
Delta R.T. 0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:252 Resp: 5161

Ion	Ratio	Lower	Upper
252	100		
253	17.5	17.0	25.6
125	15.9	9.7	14.5#

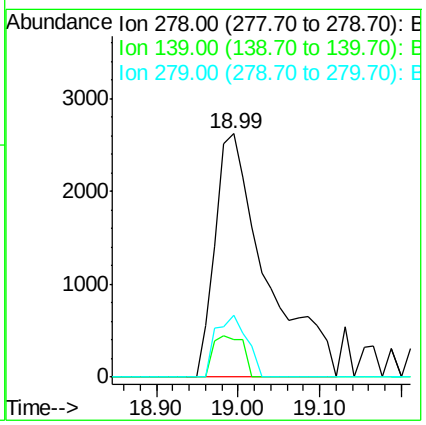


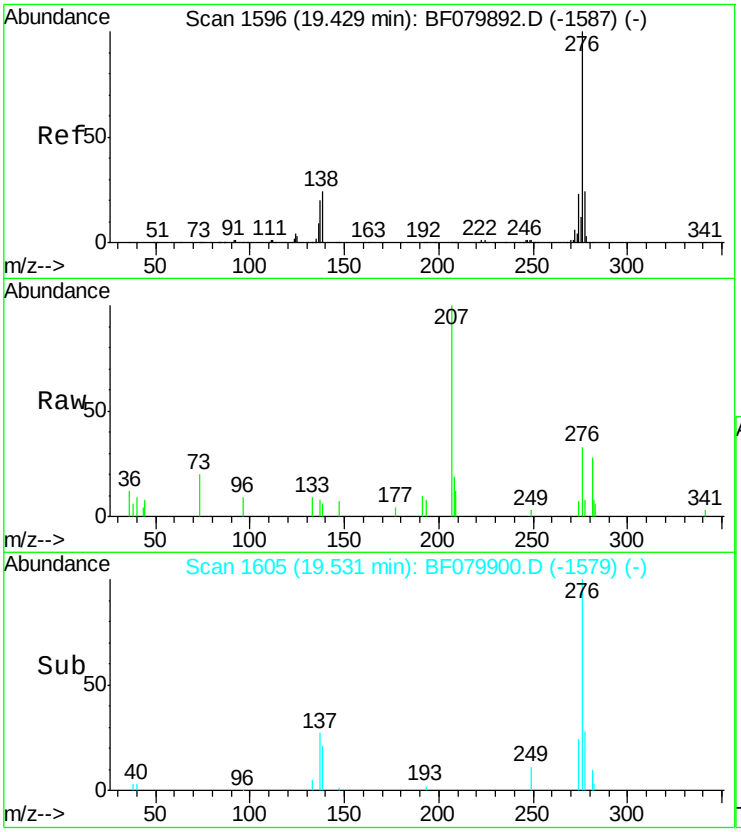


#90
Dibenzo(a,h)anthracene
Concen: 1.02 ng
RT: 18.99 min Scan# 1558
Delta R.T. 0.11 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Tgt Ion:278 Resp: 11352

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.8	19.2
279	25.2	19.7	29.5





#91
Benzo(g,h,i)perylene
Concen: 1.08 ng
RT: 19.53 min Scan# 1605
Delta R.T. 0.10 min
Lab File: BF079900.D
Acq: 11 Jun 2015 17:34

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:276 Resp: 12639

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	18.8	19.1	28.7#