Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077403.D
Acq On : 23 Feb 2015 14:16
Operator : TP/IZ
Sample : G1332-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HF-3

Quant Time: Feb 24 00:09:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	76212	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	312086	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	171992	20.00	ng		-0.01
63) Phenanthrene-d10	12.95	188	296282	20.00	ng		0.01
75) Chrysene-d12	16.24	240	316667	20.00	ng		-0.02
86) Perylene-d12	18.01	264	352797	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	447778	98.09	ng		0.00
7) Phenol-d6	6.88	99	569249	96.98	ng		-0.01
23) Nitrobenzene-d5	8.02	82	351671	70.07	ng		-0.01
41) 2,4,6-Tribromophenol	12.08	330	134399	81.16	ng		0.01
44) 2-Fluorobiphenyl	10.26	172	687455	62.32	ng		0.00
78) Terphenyl-d14	14.93	244	765707	56.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.89	94	14083	2.02	ng	#	30
31) Naphthalene	8.94	128	5150000	329.98	ng	#	90
33) 4-Chloroaniline	8.94	127	583435	84.08	ng	#	35
35) Caprolactam	9.47	113	6105	4.40	ng	#	80
37) 2-Methylnaphthalene	9.80	142	3359018	303.07	ng	#	95
47) 2-Nitroaniline	10.49	65	10719	4.26	ng	#	31
48) Acenaphthylene	10.91	152	121931	7.54	ng	#	65
49) Dimethylphthalate	10.76	163	47936	3.97	ng	#	97
51) Acenaphthene	11.14	154	3203481	331.83	ng		97
54) Dibenzofuran	11.36	168	4085207	274.07	ng	#	87
55) 4-Nitrophenol	11.23	139	38859	17.28	ng	#	39
56) 2,4-Dinitrotoluene	11.33	165	37479	11.44	ng	#	1
57) Fluorene	11.79	166	4624576	388.07	ng		97
61) 4-Nitroaniline	11.79	138	58382	21.79	ng	#	22
62) Azobenzene	11.97	77	76215	6.74	ng	#	1
64) 4,6-Dinitro-2-methylphenol	11.87	198	1404	4.81	ng	#	1
65) n-Nitrosodiphenylamine	11.92	169	120804	12.29	ng	#	1
70) Phenanthrene	13.00	178	11193469	651.83	ng	#	85
71) Anthracene	13.05	178	2396839	140.65	ng		95
72) Carbazole	13.23	167	826044	50.98	ng		97
74) Fluoranthene	14.48	202	6506294	346.85	ng		90
77) Pyrene	14.75	202	5651394	291.75	ng	#	90
80) Benzo(a)anthracene	16.23	228	2079377	112.04	ng		94
82) Chrysene	16.27	228	1526538	87.60	ng		96
87) Benzo(b)fluoranthene	17.55	252	1358525	66.22	ng	#	95
88) Benzo(k)fluoranthene	17.55	252	1370355	68.16	ng		99
89) Benzo(a)pyrene	17.94	252	649100	33.22	ng		100
90) Dibenzo(a,h)anthracene	19.53	278	59790	3.21	ng	#	93
91) Benzo(g,h,i)perylene	19.94	276	180327	9.59	ng		99

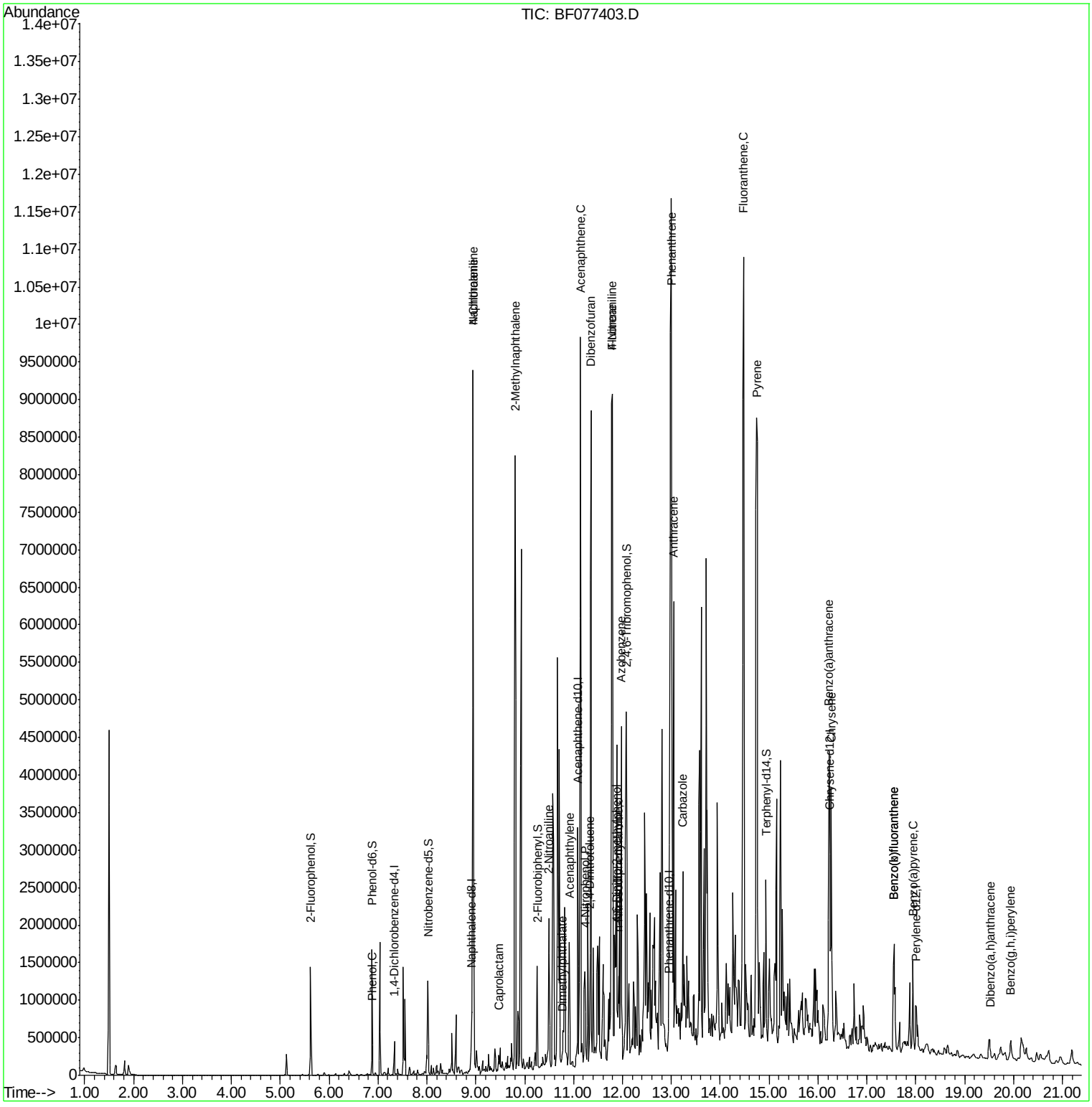
(#) = qualifier out of range (m) = manual integration (+) = signals summed

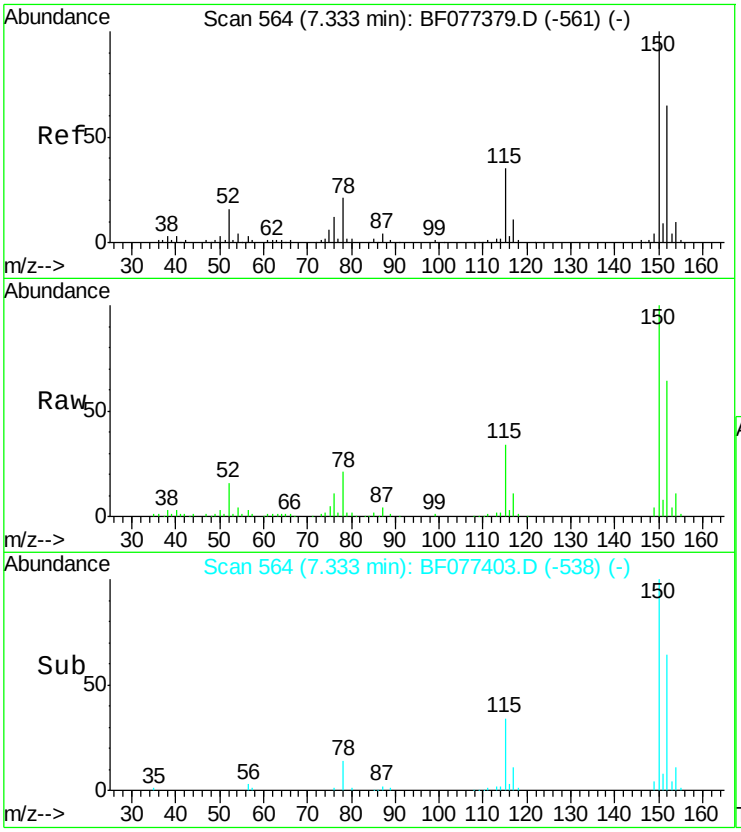
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077403.D
Acq On : 23 Feb 2015 14:16
Operator : TP/IZ
Sample : G1332-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-3

Quant Time: Feb 24 00:09:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration



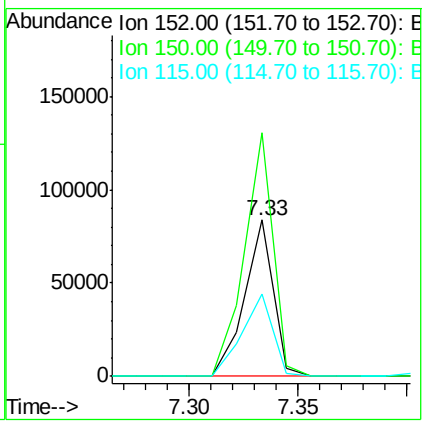


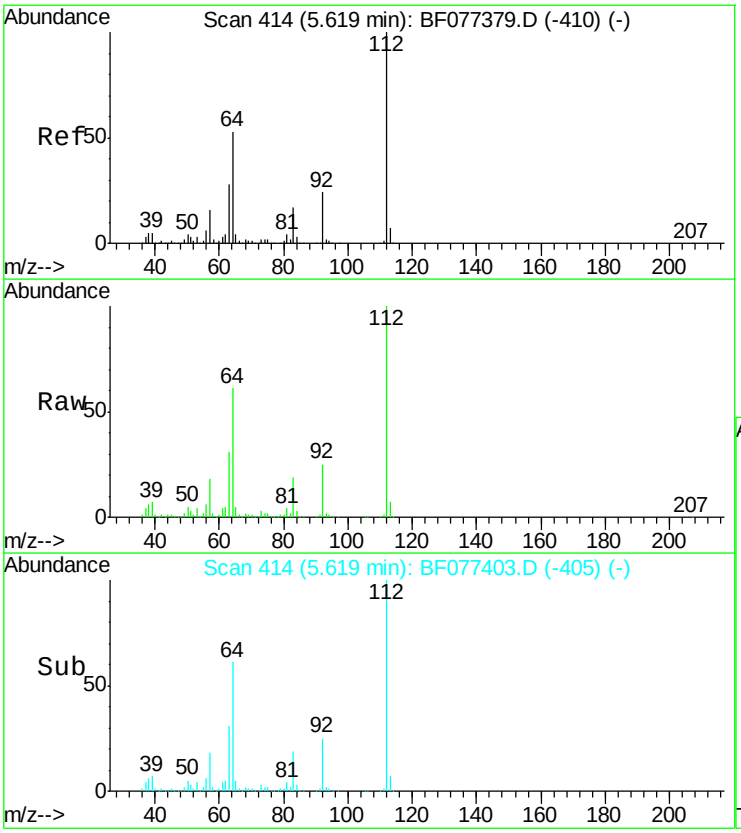
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:152 Resp: 76212

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	53.0	49.4	74.2

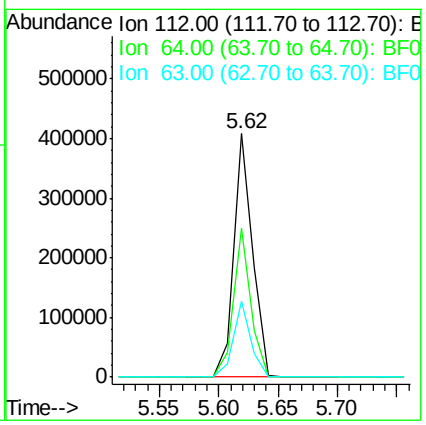


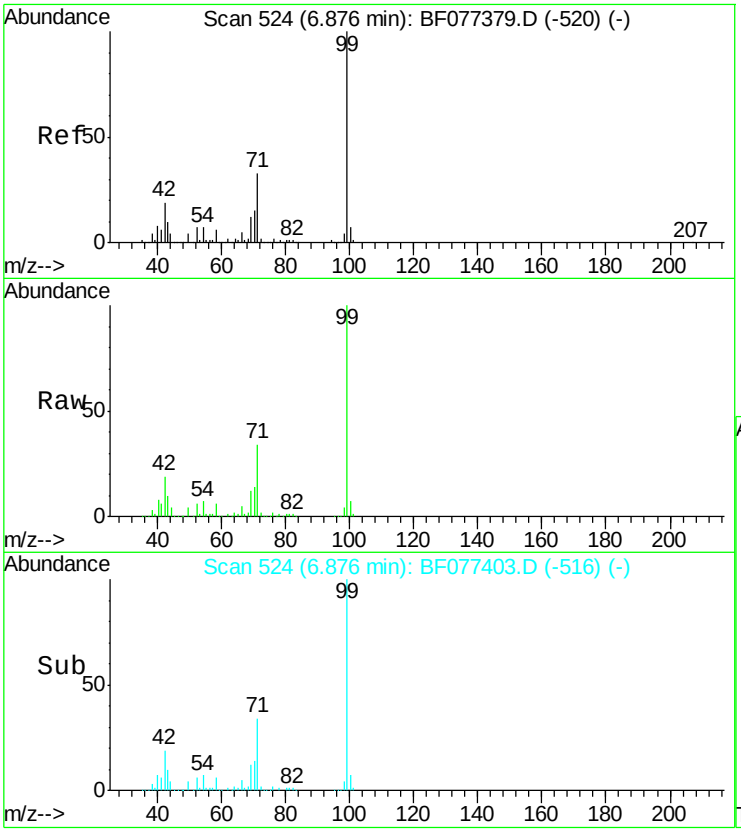


#5
2-Fluorophenol
Concen: 98.09 ng
RT: 5.62 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:112 Resp: 447778

Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.5	72.7
63	31.4	25.0	37.4



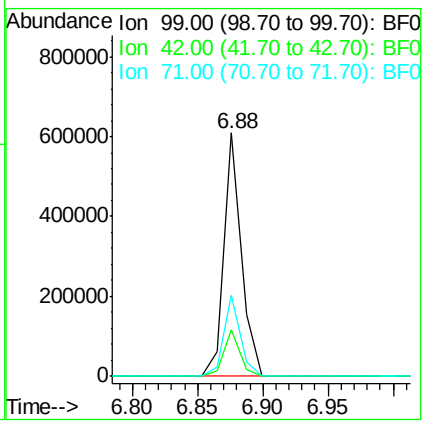


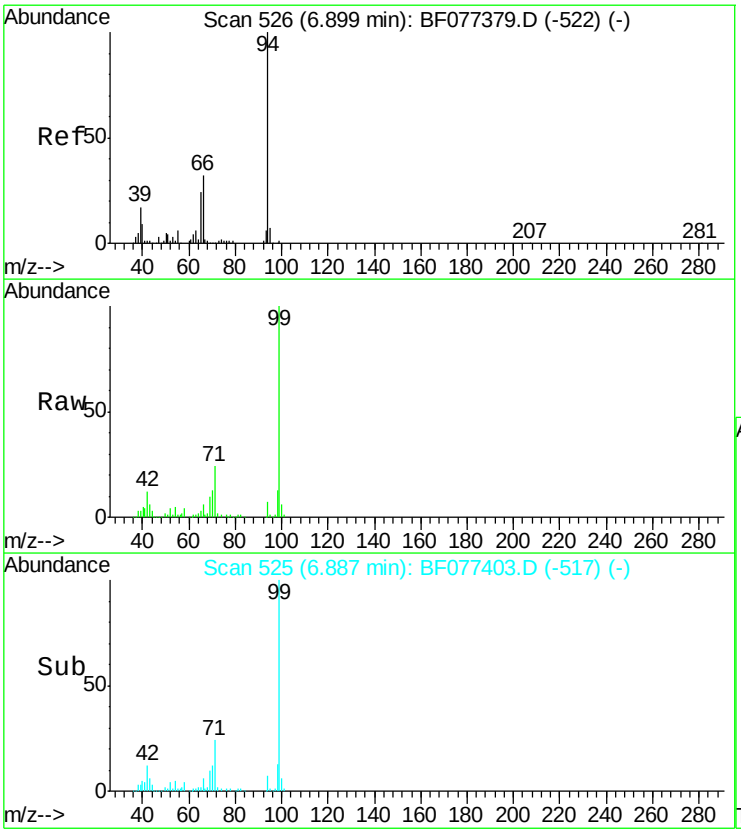
#7
Phenol-d6
Concen: 96.98 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion: 99 Resp: 569249

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.4
71	33.5	26.7	40.1

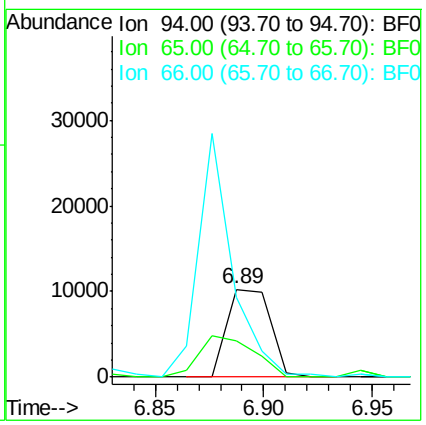


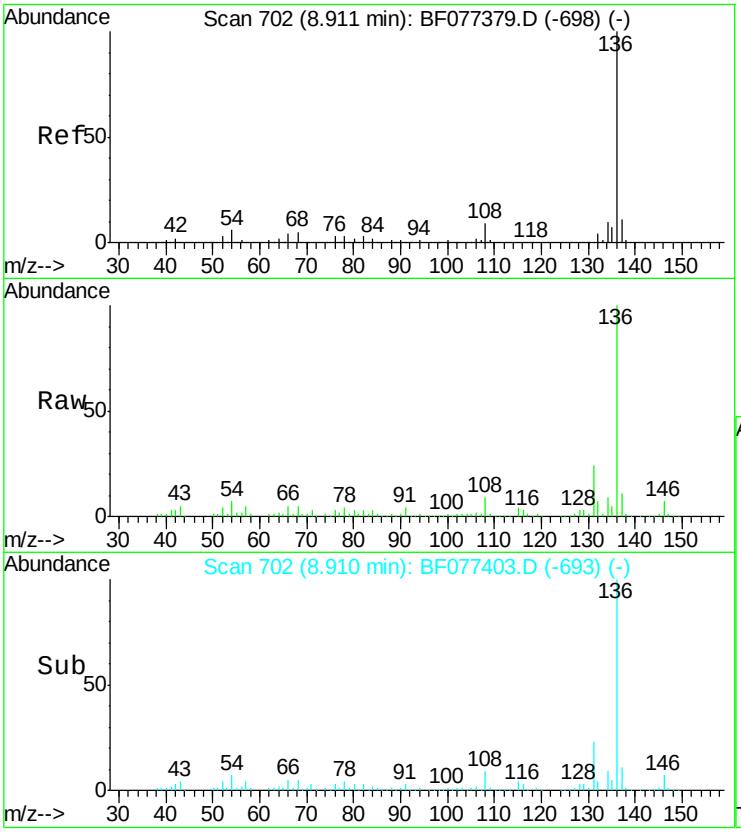


#10
Phenol
Concen: 2.02 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion: 94 Resp: 14083

Ion	Ratio	Lower	Upper
94	100		
65	41.6	5.7	45.7
66	90.5	13.6	53.6#



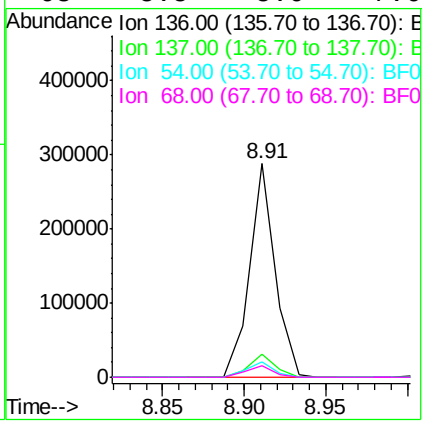


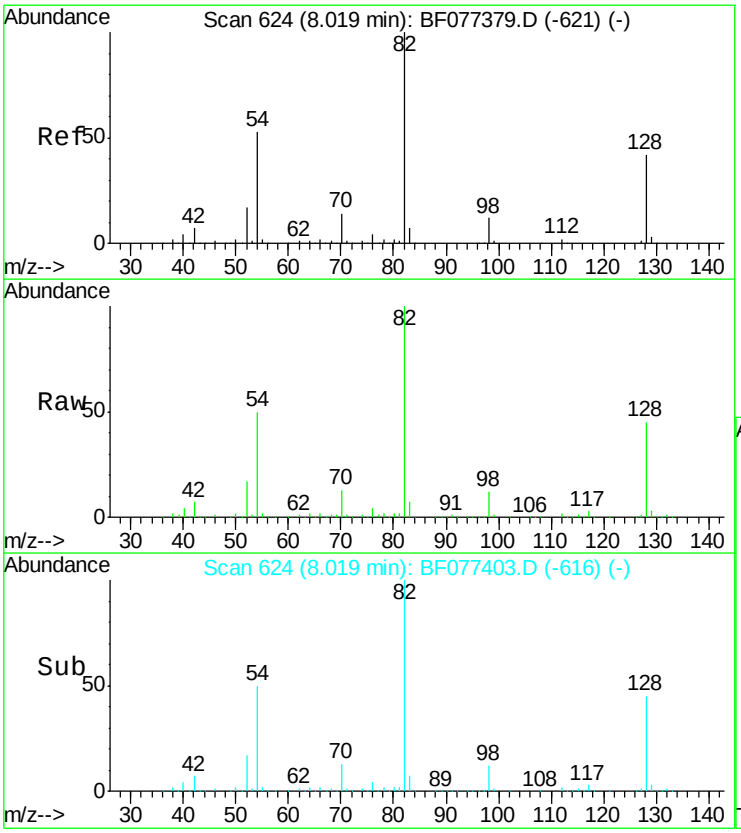
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:136 Resp: 312086

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.0	6.2	9.4
68	5.5	5.0	7.6

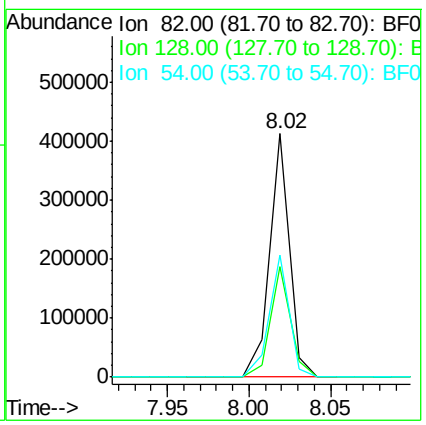


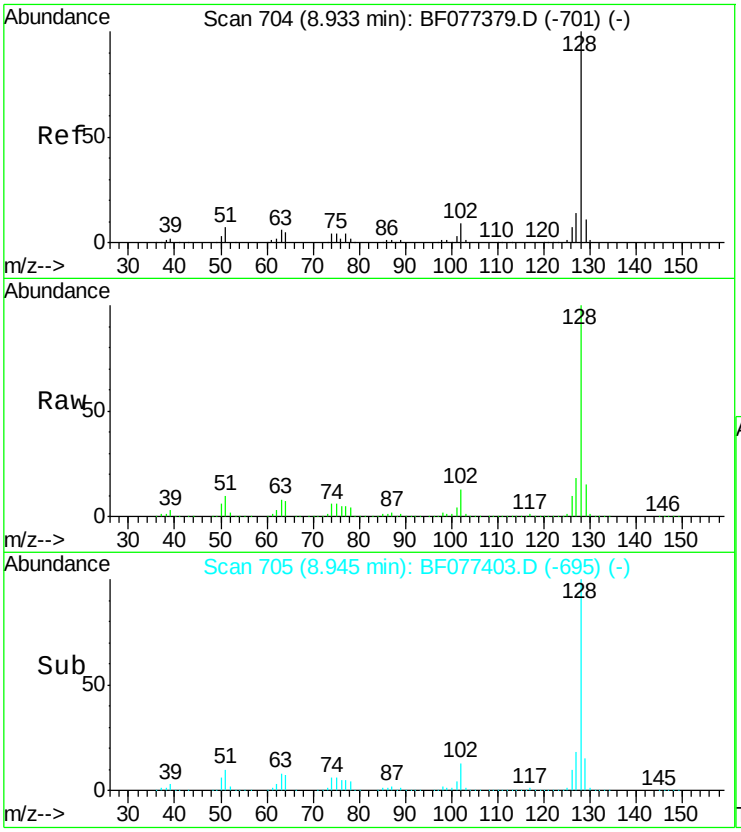


#23
Nitrobenzene-d5
Concen: 70.07 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion: 82 Resp: 351671

Ion	Ratio	Lower	Upper
82	100		
128	45.4	43.8	65.8
54	50.0	36.7	55.1



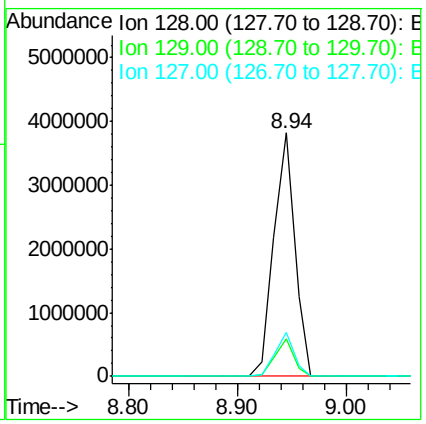


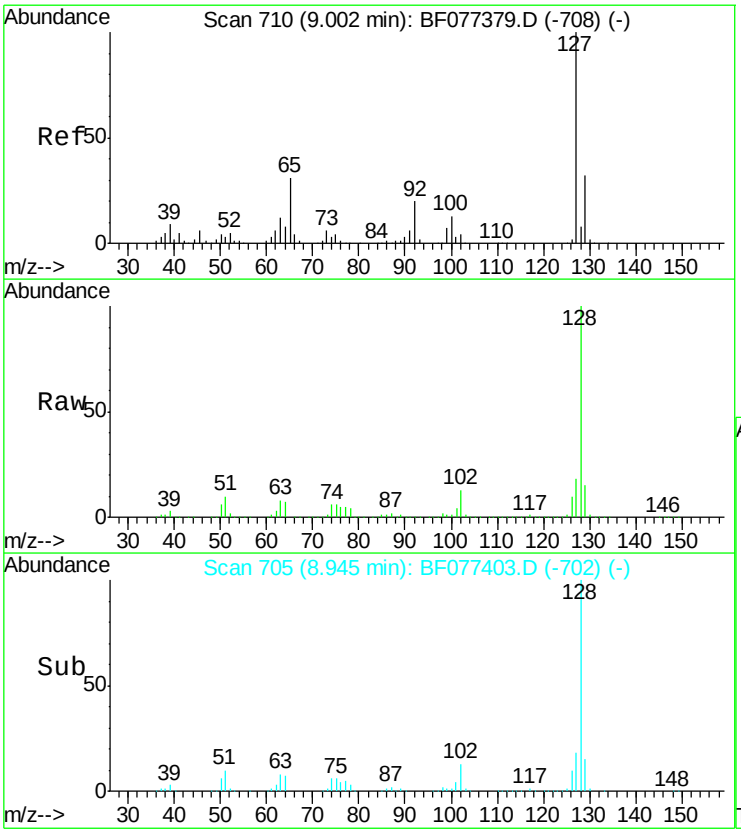
#31
Naphthalene
Concen: 329.98 ng
RT: 8.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:128 Resp: 5150000

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.4	14.0#
127	17.8	10.6	15.8#

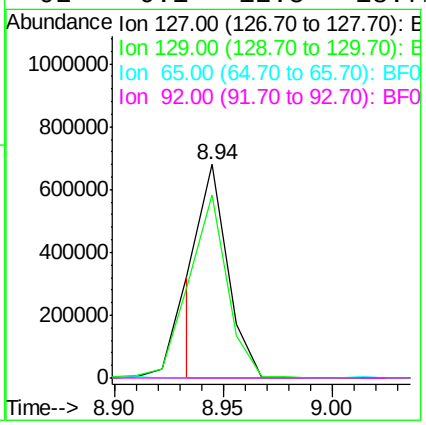


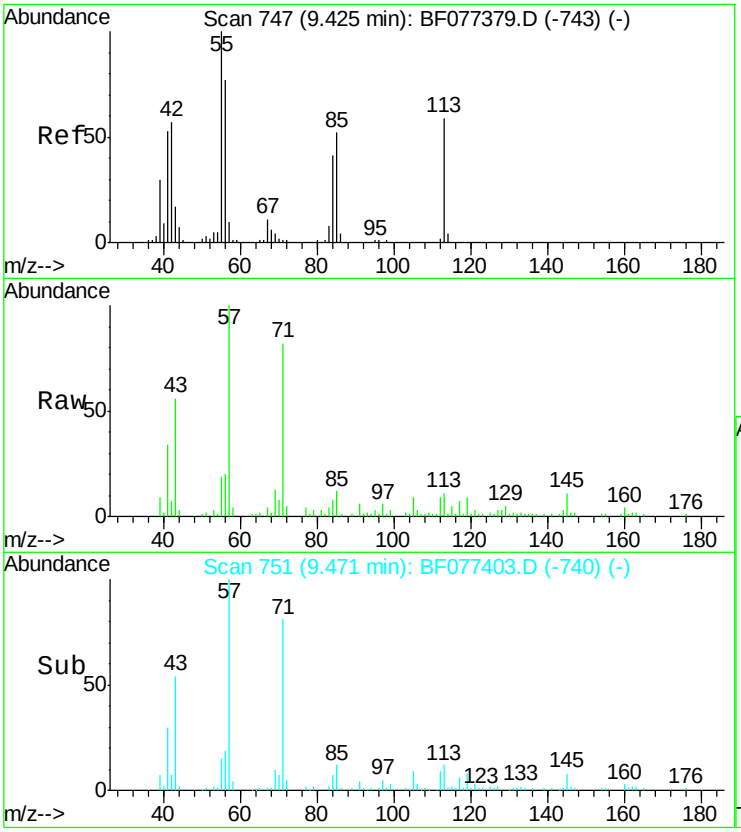


#33
4-Chloroaniline
Concen: 84.08 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:127 Resp: 583435

Ion	Ratio	Lower	Upper
127	100		
129	85.6	26.9	40.3#
65	0.0	16.7	25.1#
92	0.1	12.5	18.7#



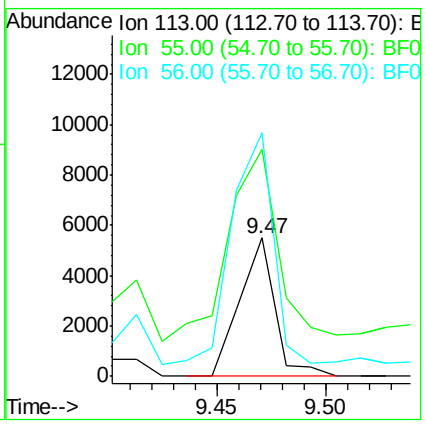


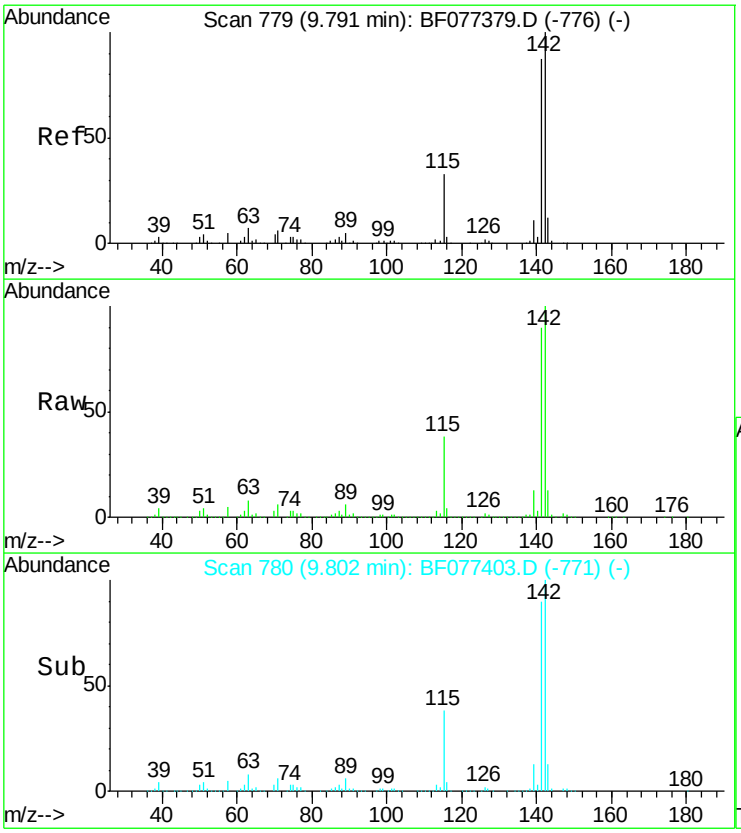
#35
Caprolactam
Concen: 4.40 ng
RT: 9.47 min Scan# 751
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:113 Resp: 6105

Ion	Ratio	Lower	Upper
113	100		
55	163.9	154.6	194.6
56	175.7	114.0	154.0#

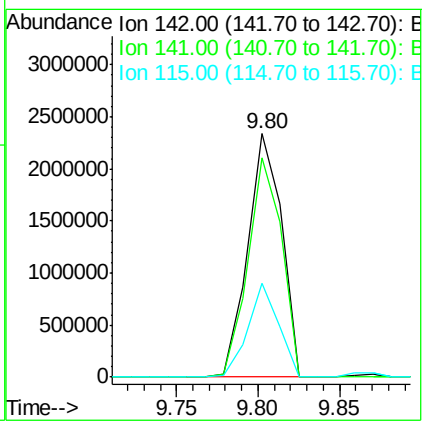


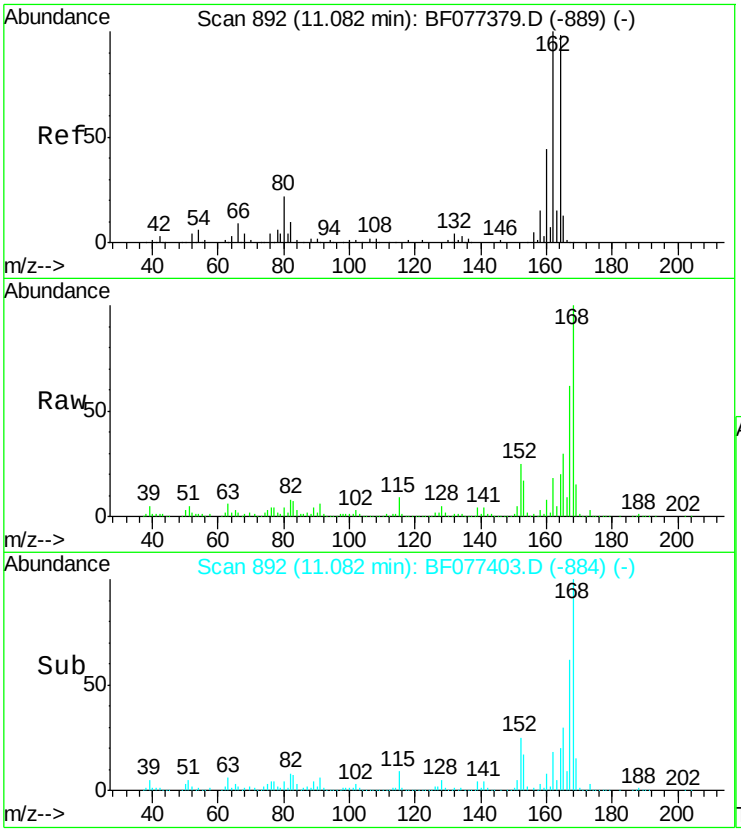


#37
2-Methylnaphthalene
Concen: 303.07 ng
RT: 9.80 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:142 Resp: 3359018

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.7	106.1
115	38.4	24.2	36.4#



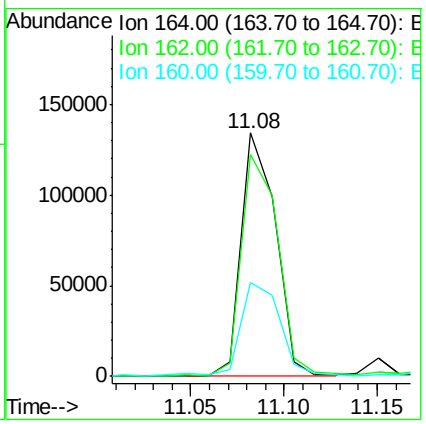


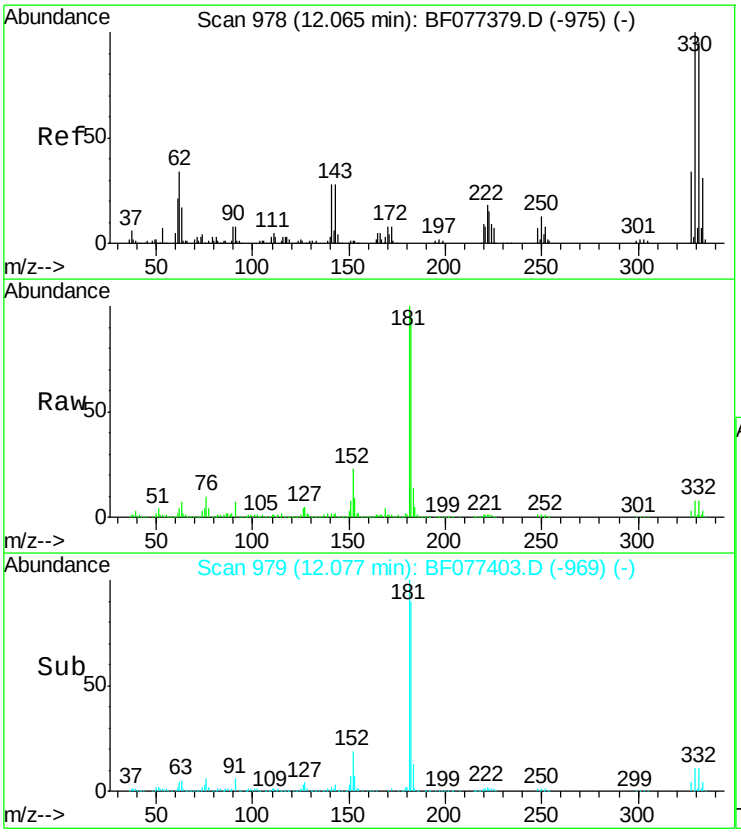
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:164 Resp: 171992

Ion	Ratio	Lower	Upper
164	100		
162	91.2	83.2	124.8
160	38.7	34.6	52.0

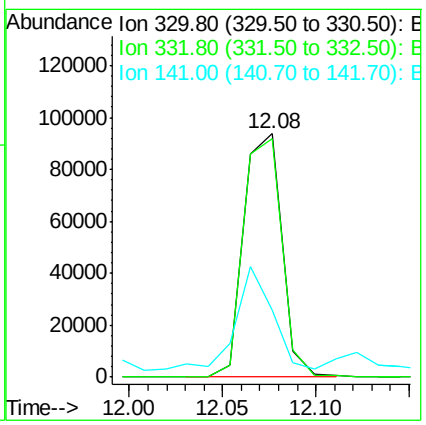


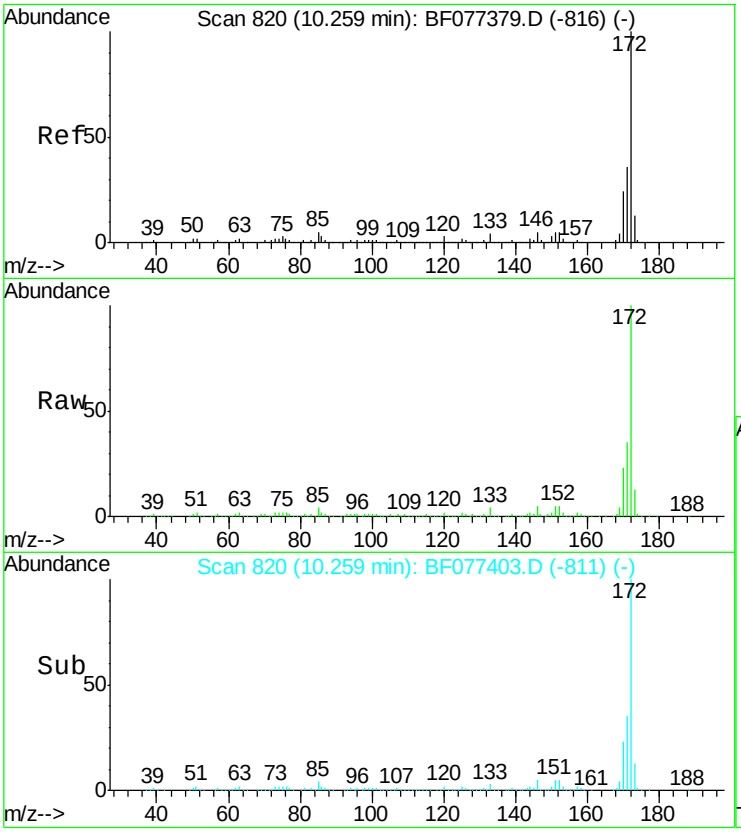


#41
2,4,6-Tribromophenol
Concen: 81.16 ng
RT: 12.08 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:330 Resp: 134399

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	40.2	28.8	43.2



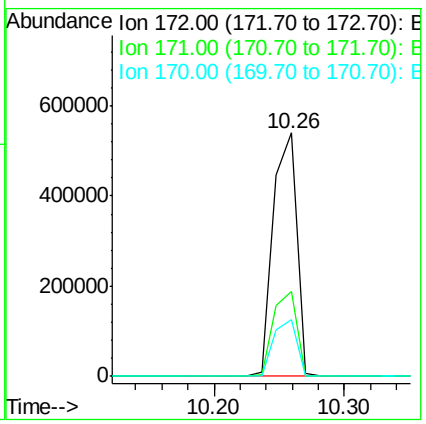


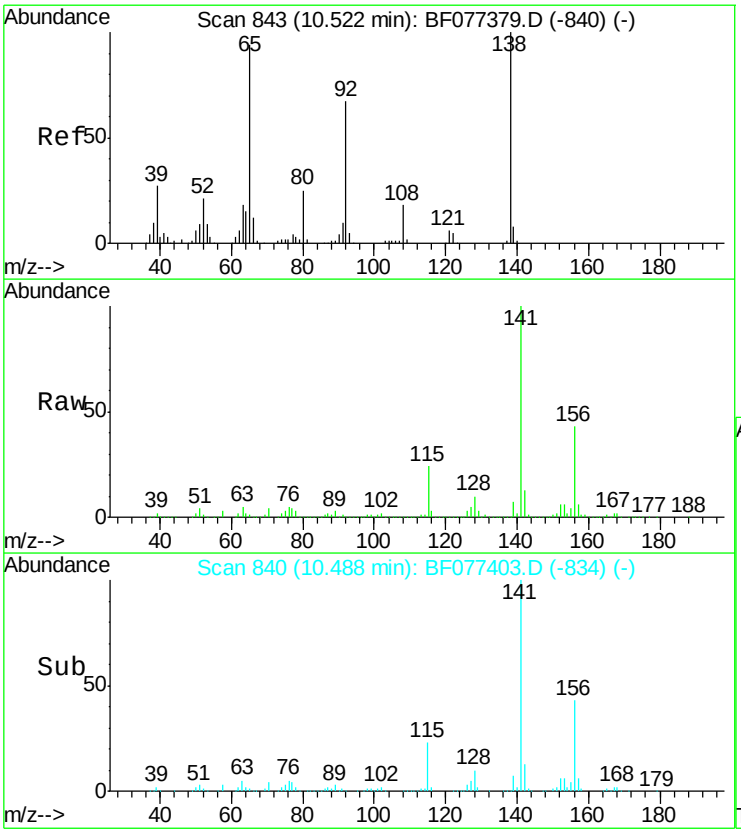
#44
2-Fluorobiphenyl
Concen: 62.32 ng
RT: 10.26 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:172 Resp: 687455

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.4	19.4	29.2

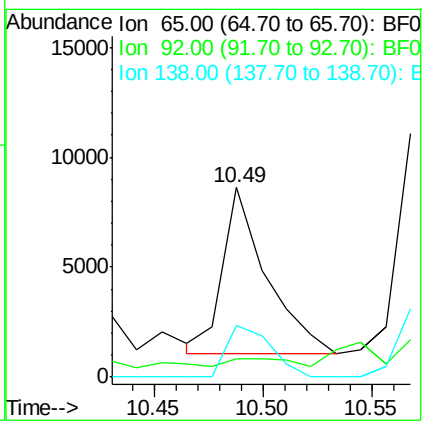


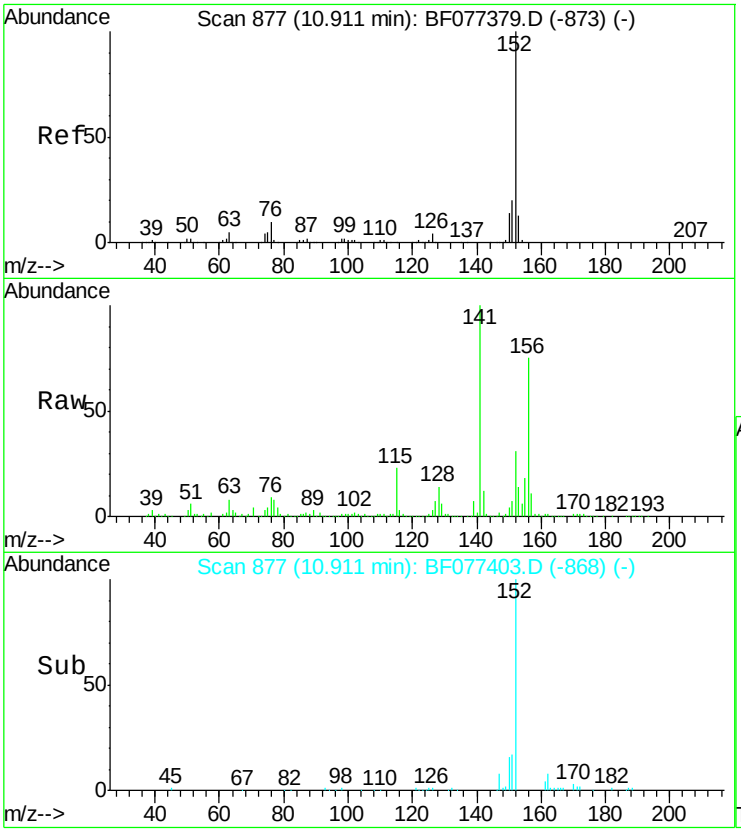


#47
2-Nitroaniline
Concen: 4.26 ng
RT: 10.49 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion: 65 Resp: 10719

Ion	Ratio	Lower	Upper
65	100		
92	9.4	52.4	78.6#
138	27.3	73.4	110.0#



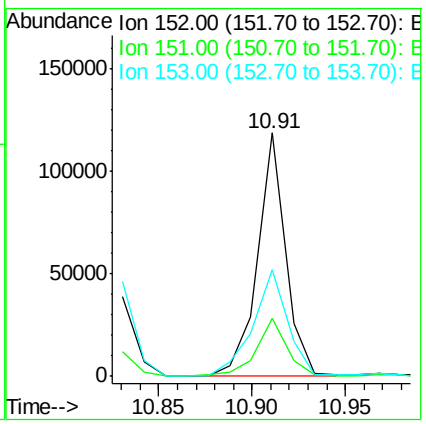


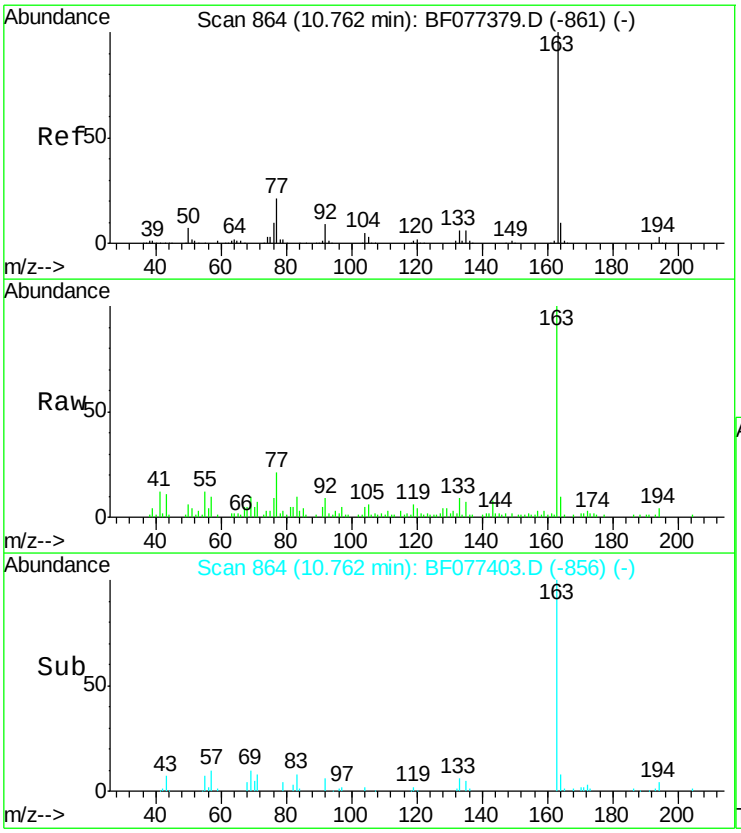
#48
Acenaphthylene
Concen: 7.54 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:152 Resp: 121931

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.1	24.1
153	43.9	10.9	16.3#

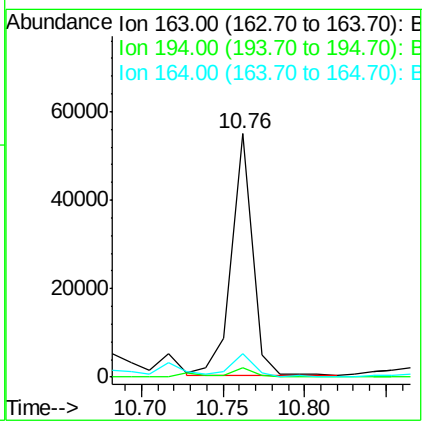


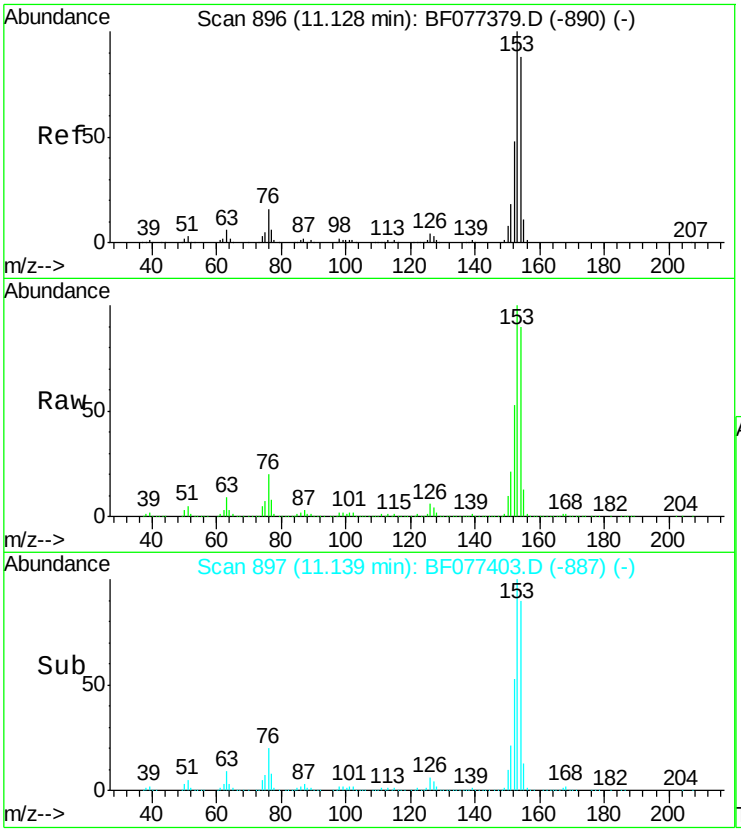


#49
Dimethylphthalate
Concen: 3.97 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:163 Resp: 47936

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.8	8.6	13.0



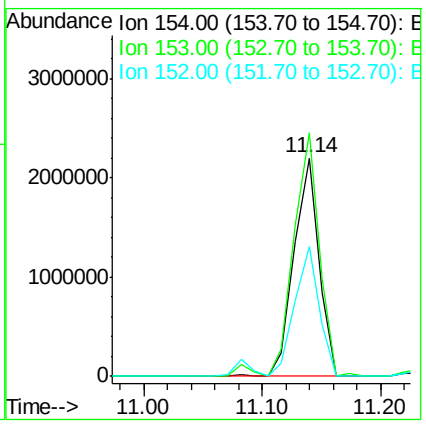


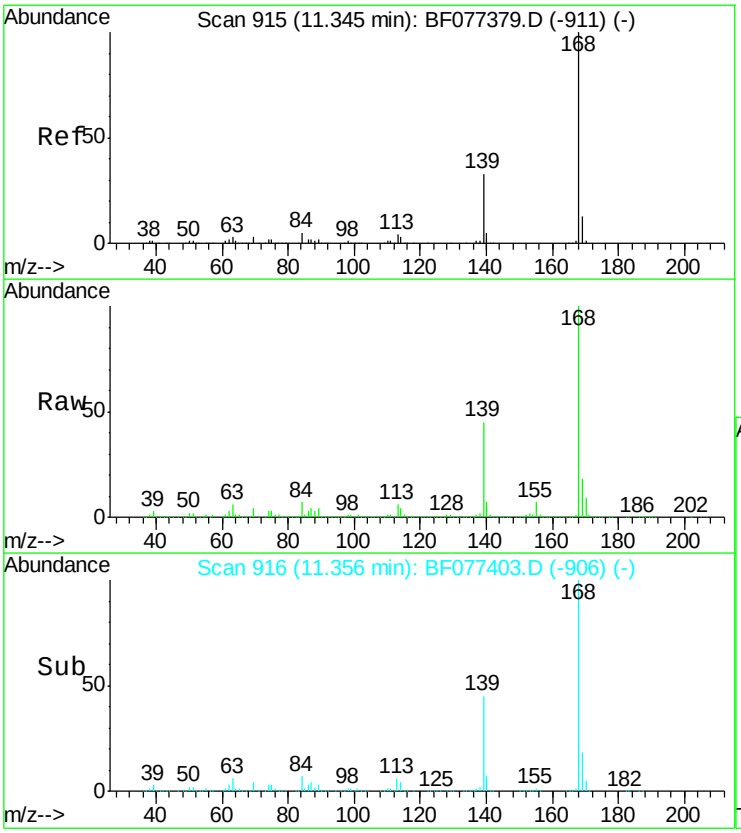
#51
Acenaphthene
Concen: 331.83 ng
RT: 11.14 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:154 Resp: 3203481

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	59.1	43.5	65.3

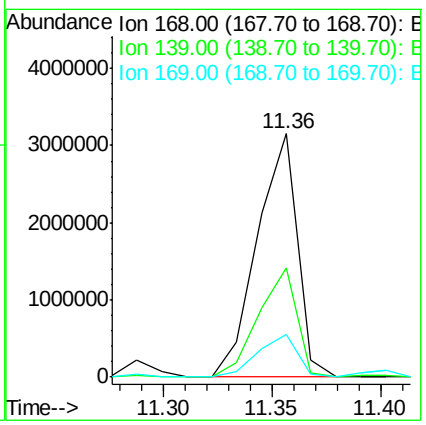


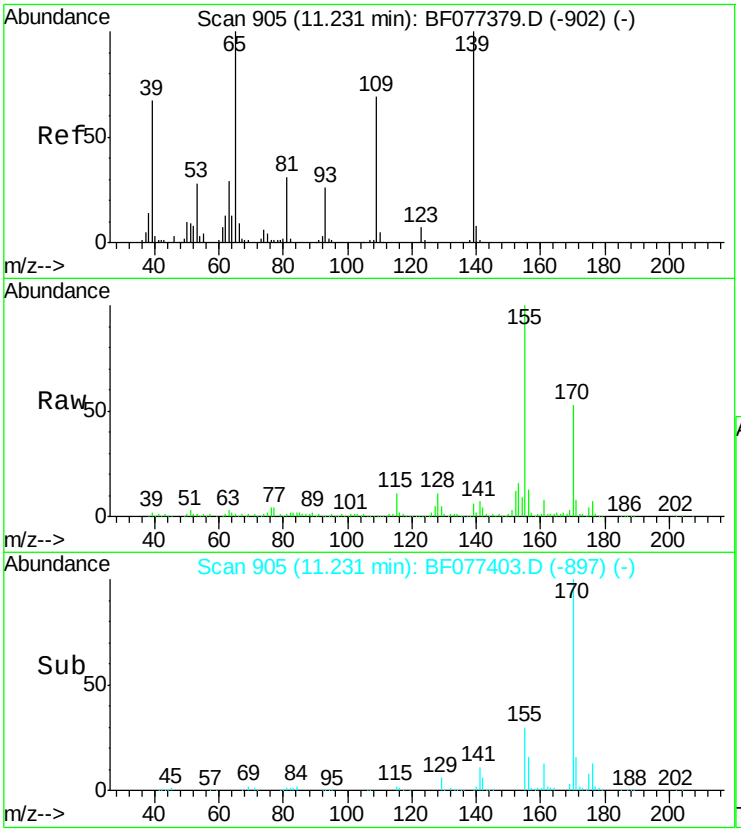


#54
Dibenzofuran
Concen: 274.07 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:168 Resp: 4085207

Ion	Ratio	Lower	Upper
168	100		
139	45.0	29.3	43.9#
169	17.7	10.9	16.3#



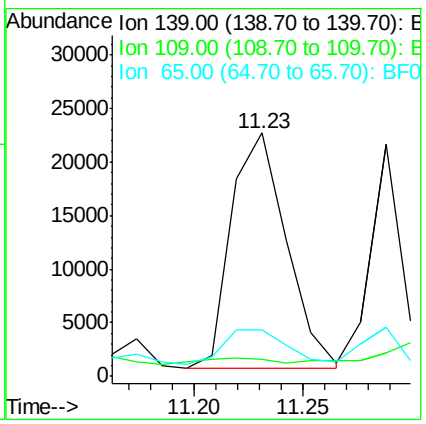


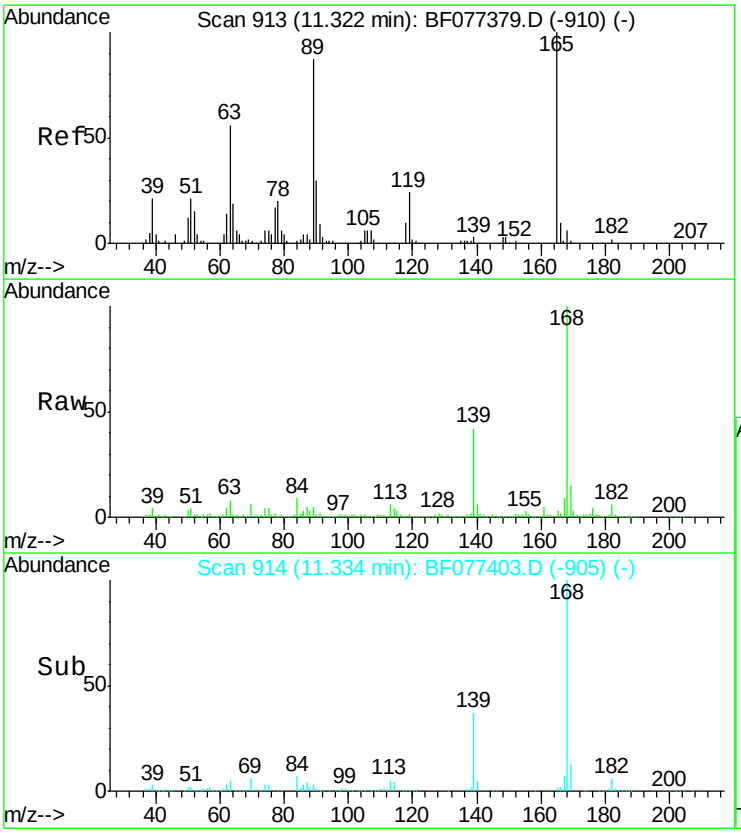
#55
4-Nitrophenol
Concen: 17.28 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:139 Resp: 38859

Ion	Ratio	Lower	Upper
139	100		
109	7.2	36.2	76.2#
65	19.0	40.3	80.3#

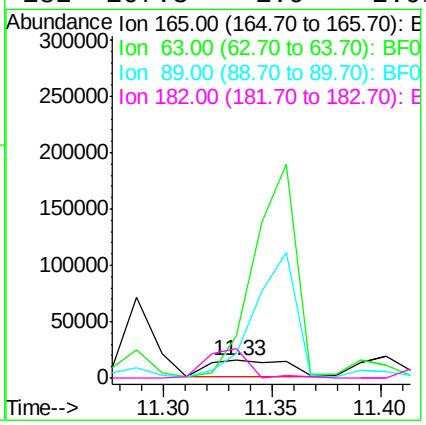


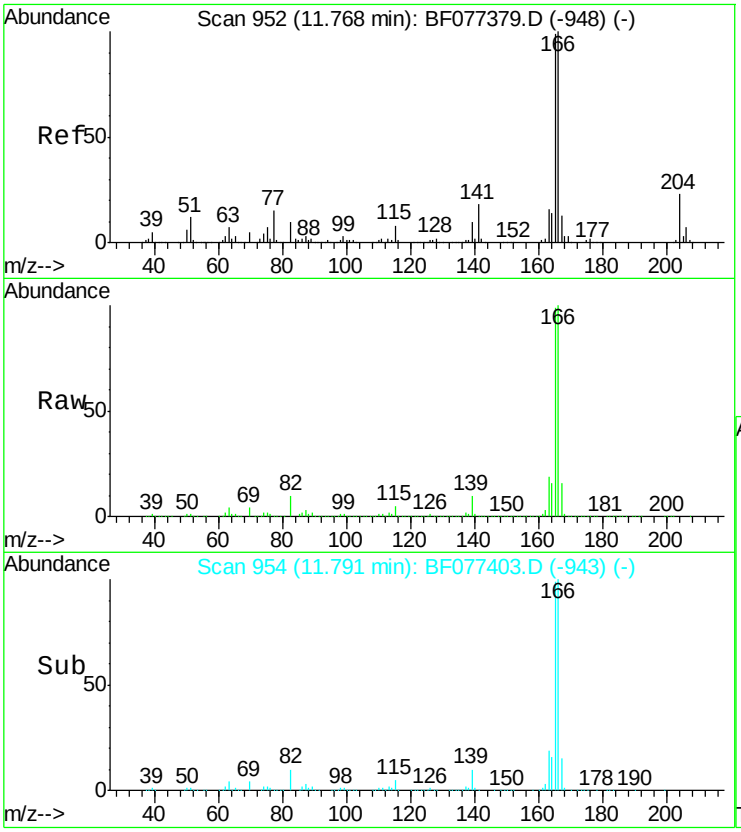


#56
2,4-Dinitrotoluene
Concen: 11.44 ng
RT: 11.33 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:165 Resp: 37479

Ion	Ratio	Lower	Upper
165	100		
63	236.0	29.8	44.8#
89	136.9	48.5	72.7#
182	167.3	1.9	2.9#



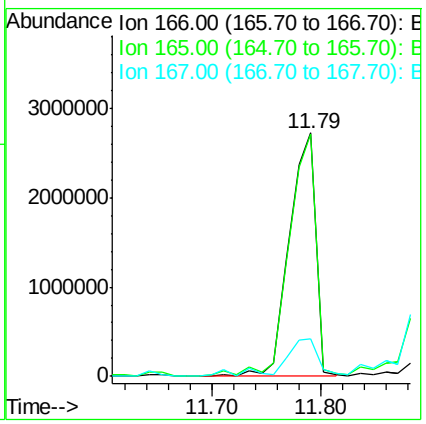


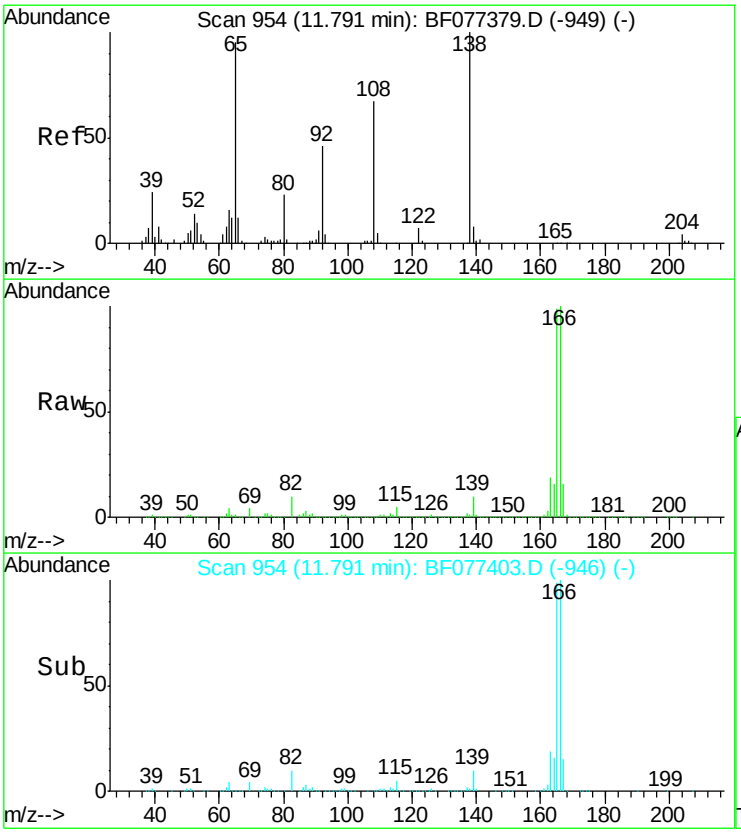
#57
Fluorene
Concen: 388.07 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:166 Resp: 4624576

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.6	116.4
167	15.5	10.6	16.0

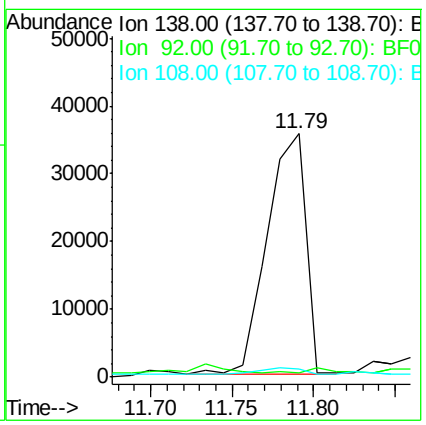


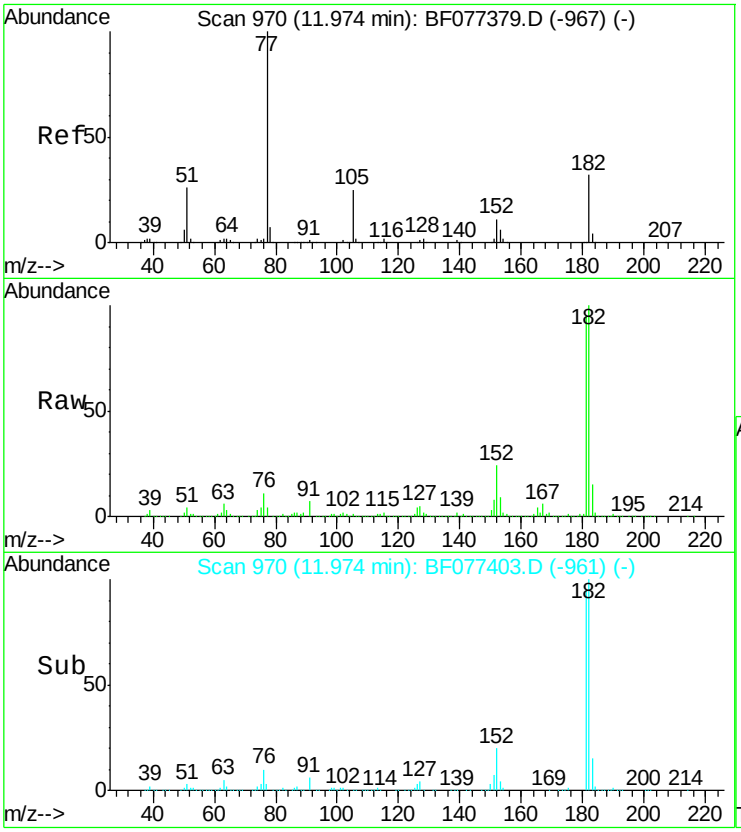


#61
4-Nitroaniline
Concen: 21.79 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:138 Resp: 58382

Ion	Ratio	Lower	Upper
138	100		
92	1.9	32.8	72.8#
108	3.2	52.1	92.1#



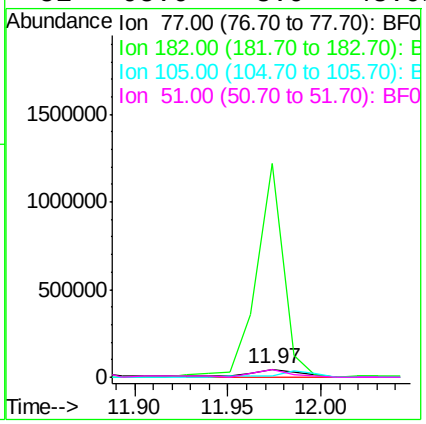


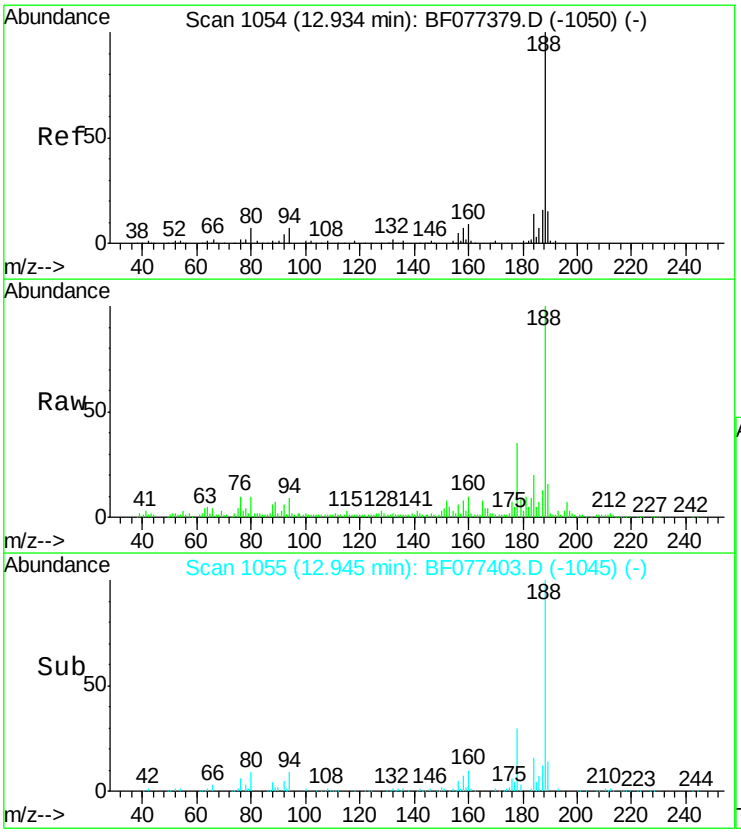
#62
Azobenzene
Concen: 6.74 ng
RT: 11.97 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion: 77 Resp: 76215

Ion	Ratio	Lower	Upper
77	100		
182	2675.1	4.9	44.9#
105	15.9	3.3	43.3
51	95.6	8.9	48.9#

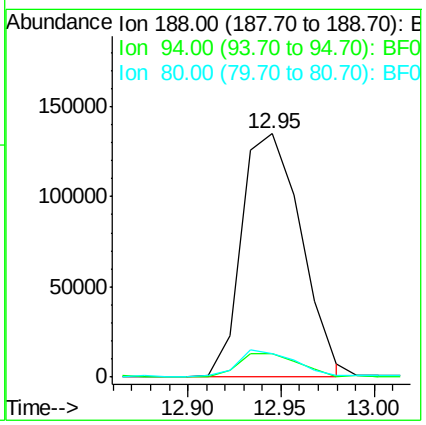


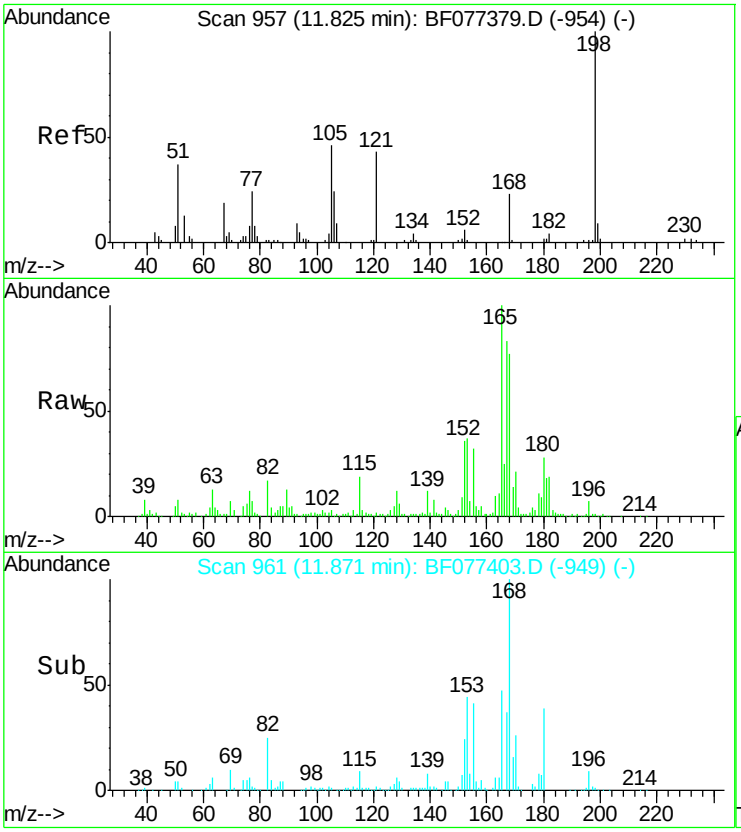


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:188 Resp: 296282

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	9.8	8.0	12.0



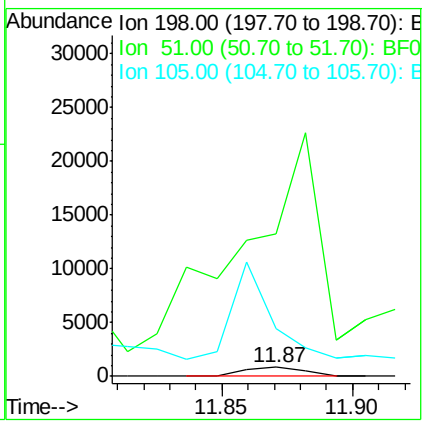


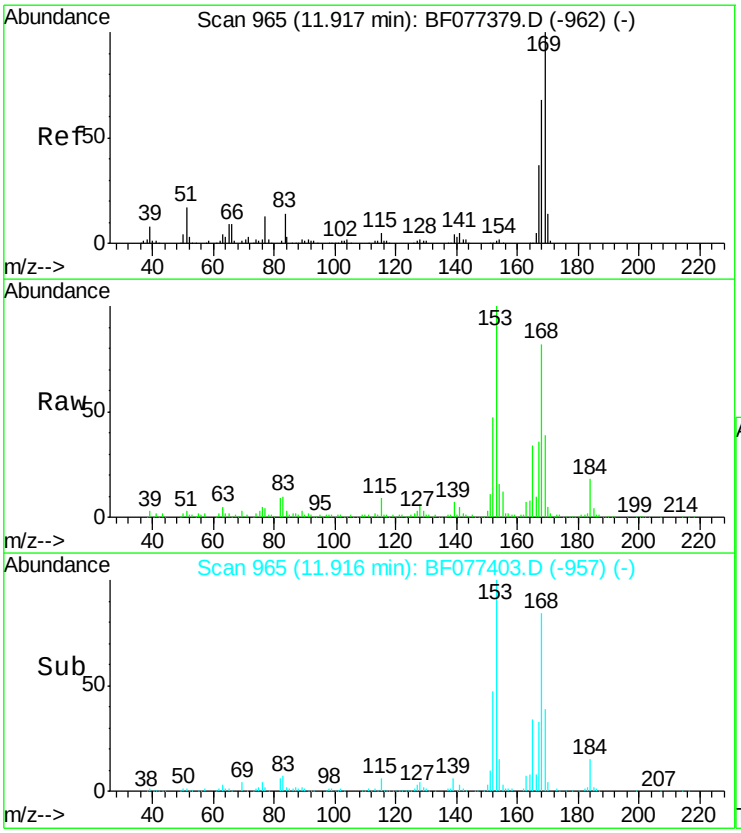
#64
4,6-Dinitro-2-methylphenol
Concen: 4.81 ng
RT: 11.87 min Scan# 961
Delta R.T. 0.03 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:198 Resp: 1404

Ion	Ratio	Lower	Upper
198	100		
51	1579.0	2.7	42.7#
105	525.0	10.0	50.0#

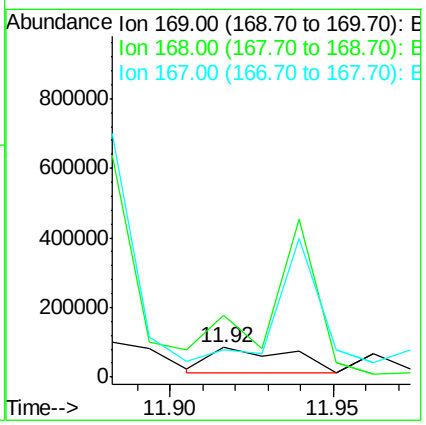


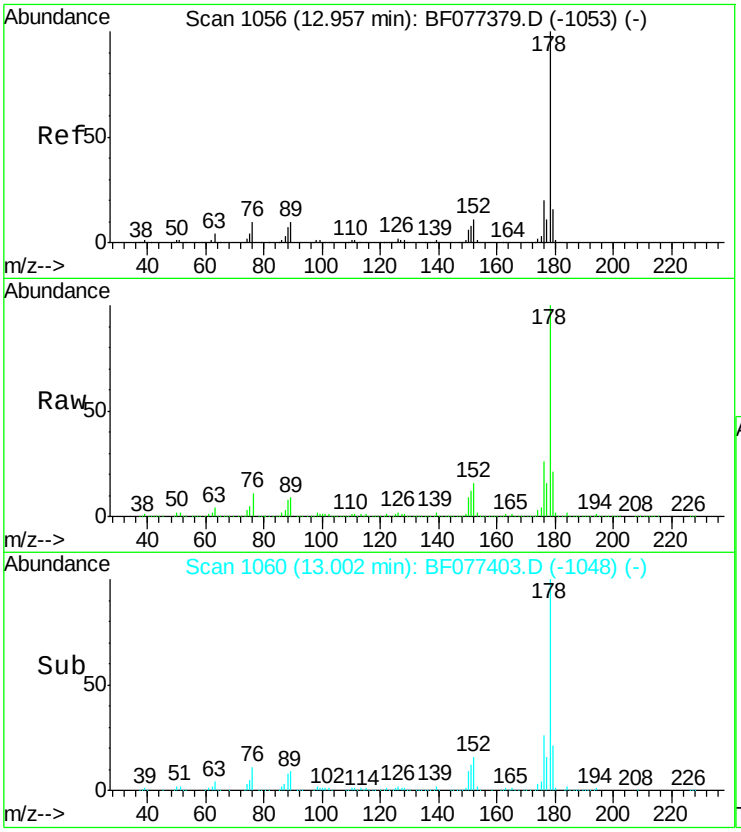


#65
n-Nitrosodiphenylamine
Concen: 12.29 ng
RT: 11.92 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:169 Resp: 120804

Ion	Ratio	Lower	Upper
169	100		
168	211.0	53.0	79.6#
167	91.9	29.5	44.3#



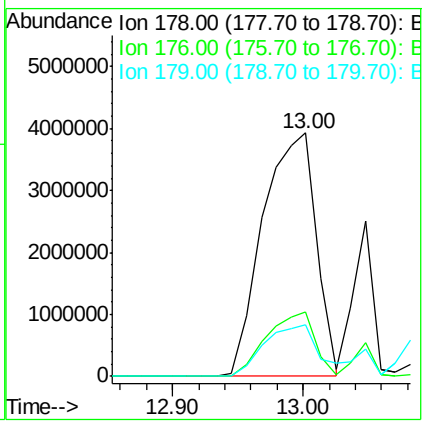


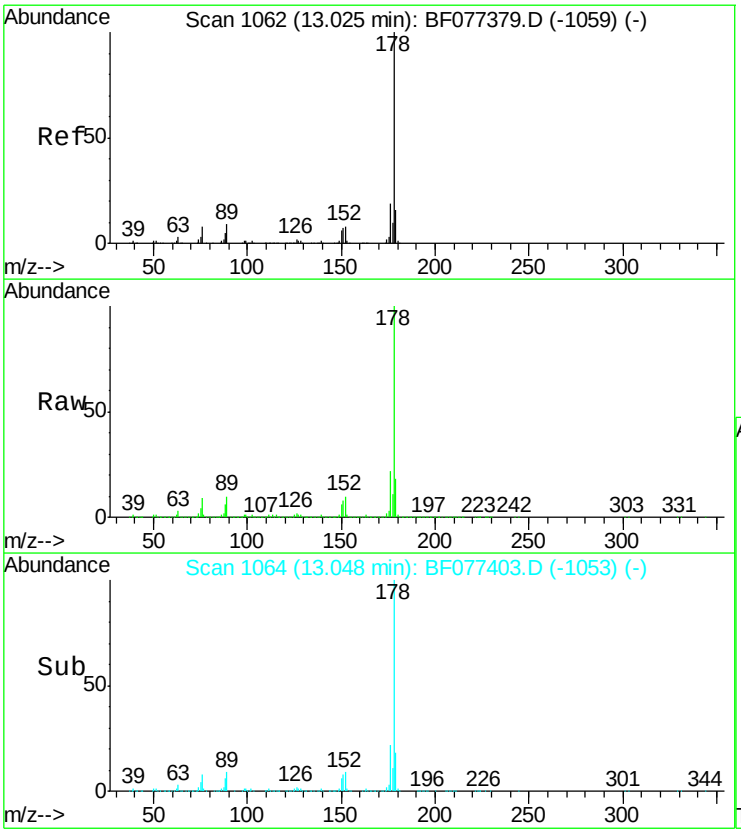
#70
Phenanthrene
Concen: 651.83 ng
RT: 13.00 min Scan# 1060
Delta R.T. 0.03 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:178 Resp:11193469

Ion	Ratio	Lower	Upper
178	100		
176	26.5	15.5	23.3#
179	21.4	12.2	18.2#

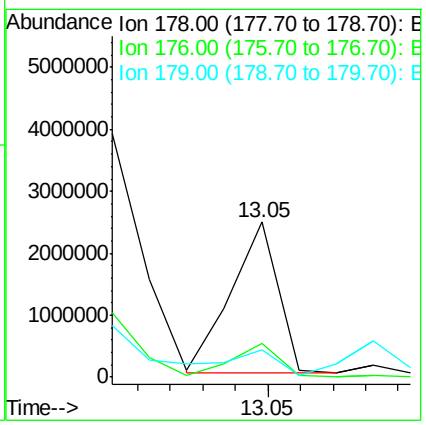


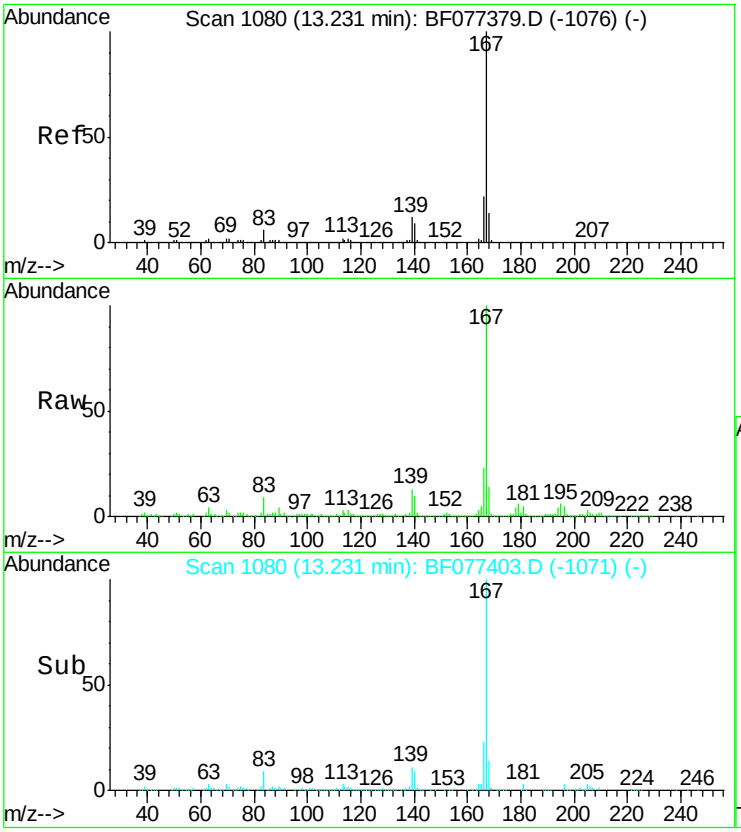


#71
Anthracene
Concen: 140.65 ng
RT: 13.05 min Scan# 1064
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:178 Resp: 2396839

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.4	23.0
179	17.9	12.9	19.3



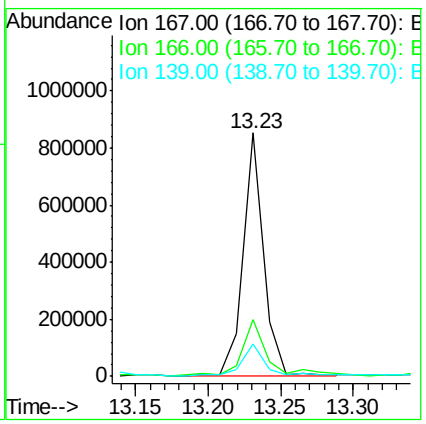


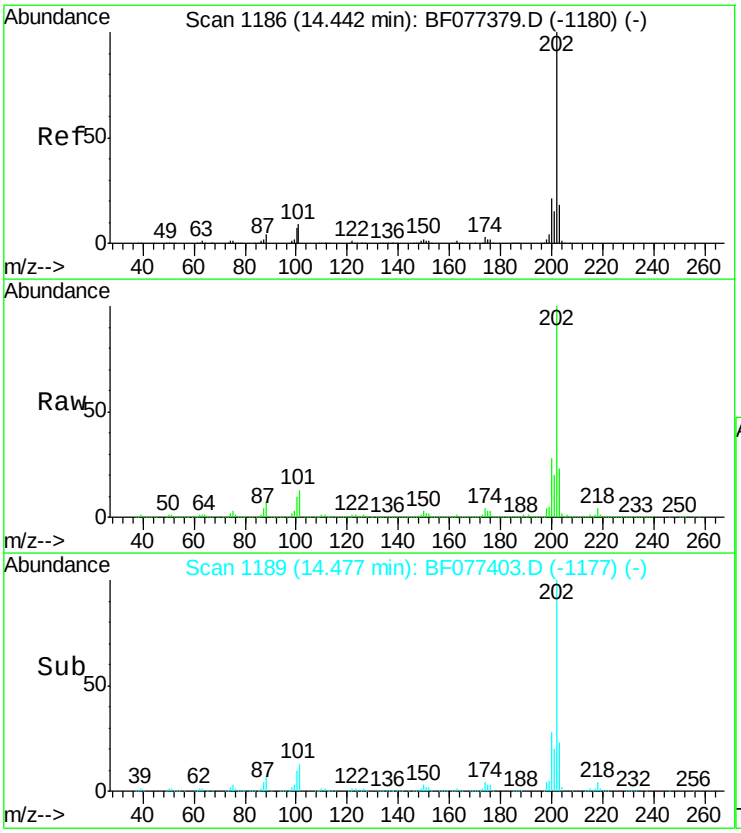
#72
Carbazole
Concen: 50.98 ng
RT: 13.23 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:167 Resp: 826044

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	13.2	9.9	14.9

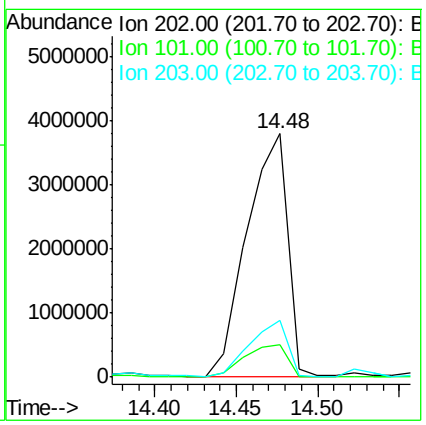


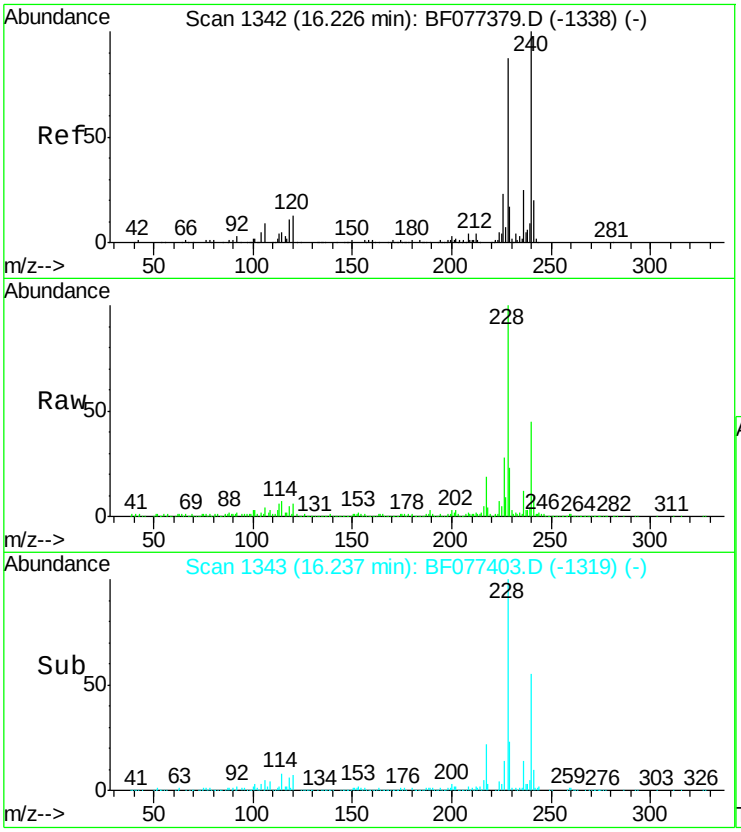


#74
Fluoranthene
Concen: 346.85 ng
RT: 14.48 min Scan# 1189
Delta R.T. 0.03 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:202 Resp: 6506294

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.8
203	23.2	0.0	37.7



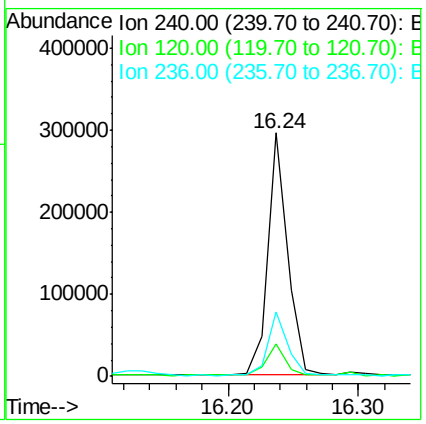


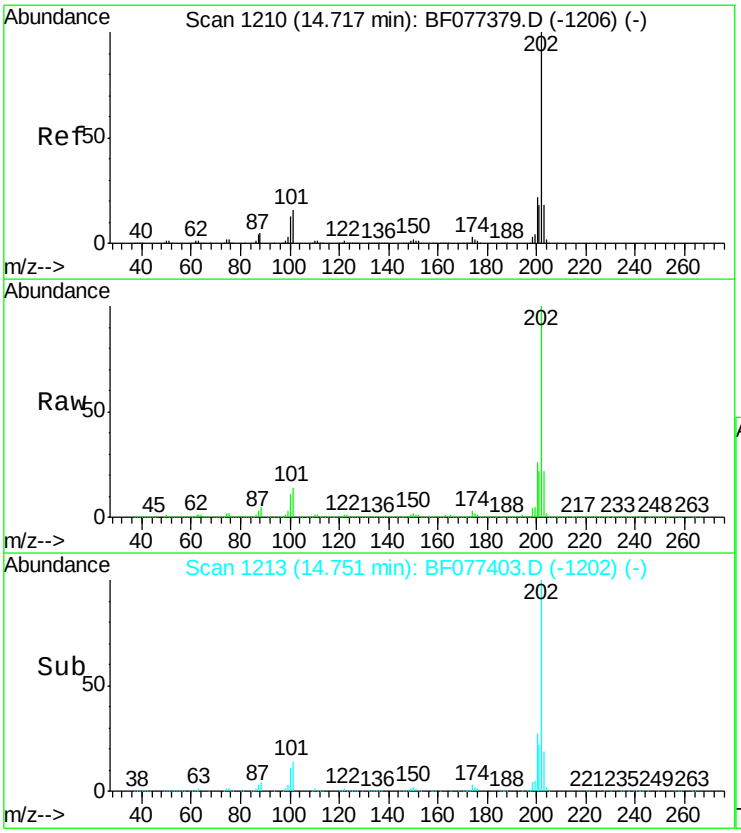
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:240 Resp: 316667

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.8	13.2#
236	26.3	20.7	31.1

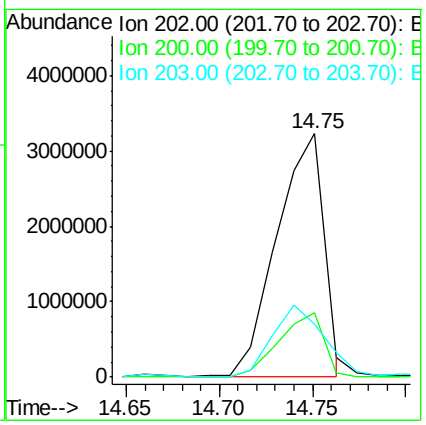


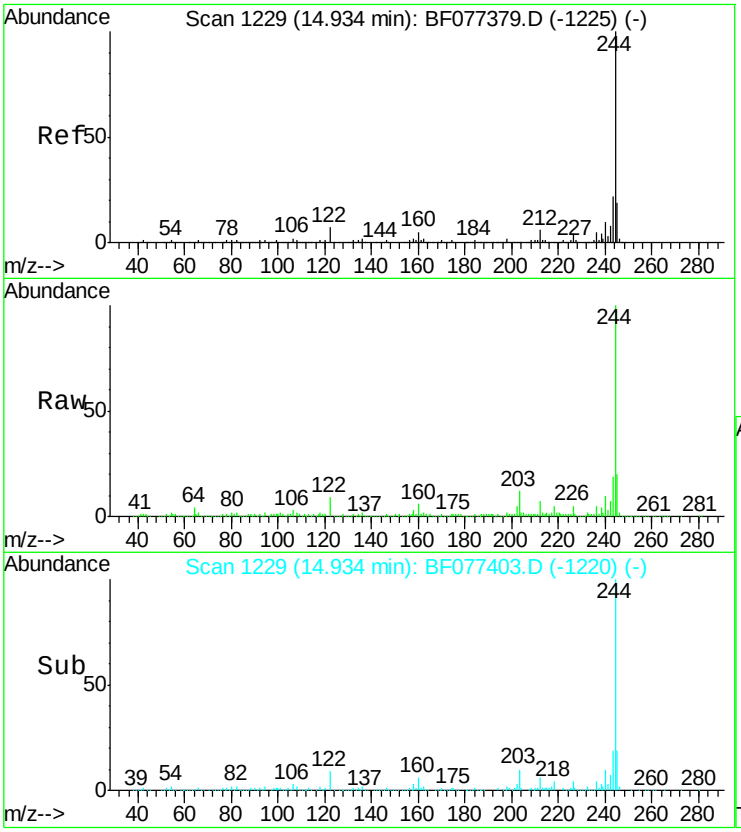


#77
Pyrene
Concen: 291.75 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:202 Resp: 5651394

Ion	Ratio	Lower	Upper
202	100		
200	26.5	17.1	25.7#
203	21.8	14.2	21.2#



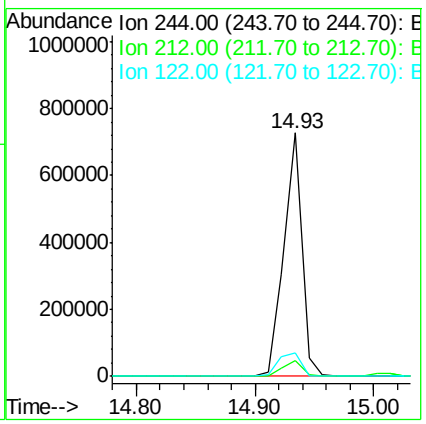


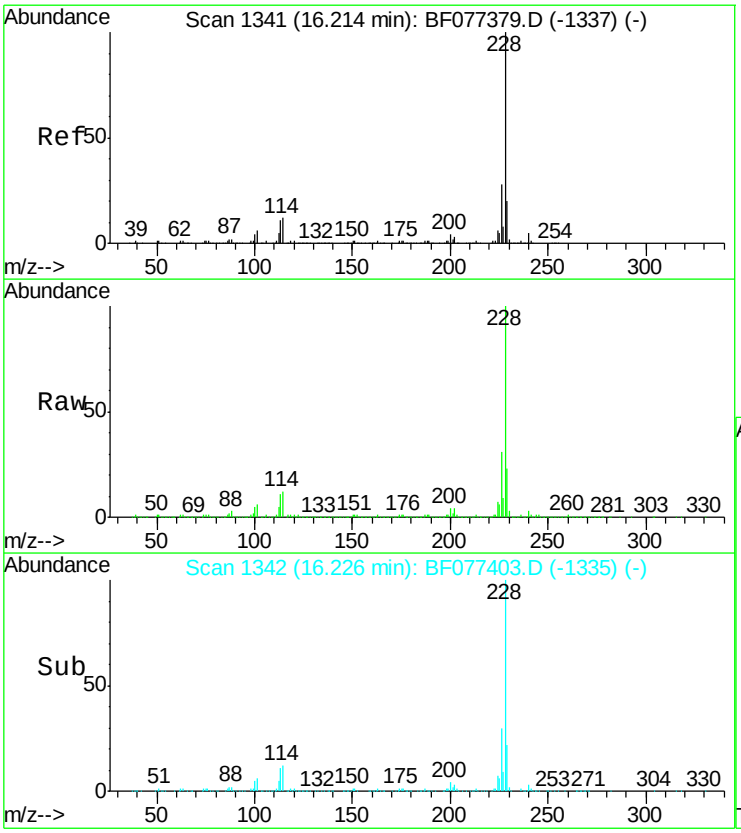
#78
Terphenyl-d14
Concen: 56.53 ng
RT: 14.93 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:244 Resp: 765707

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	9.4	7.8	11.8

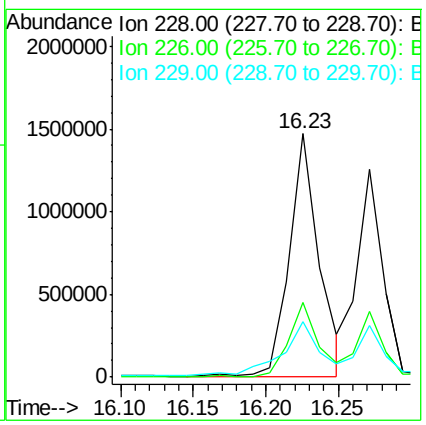


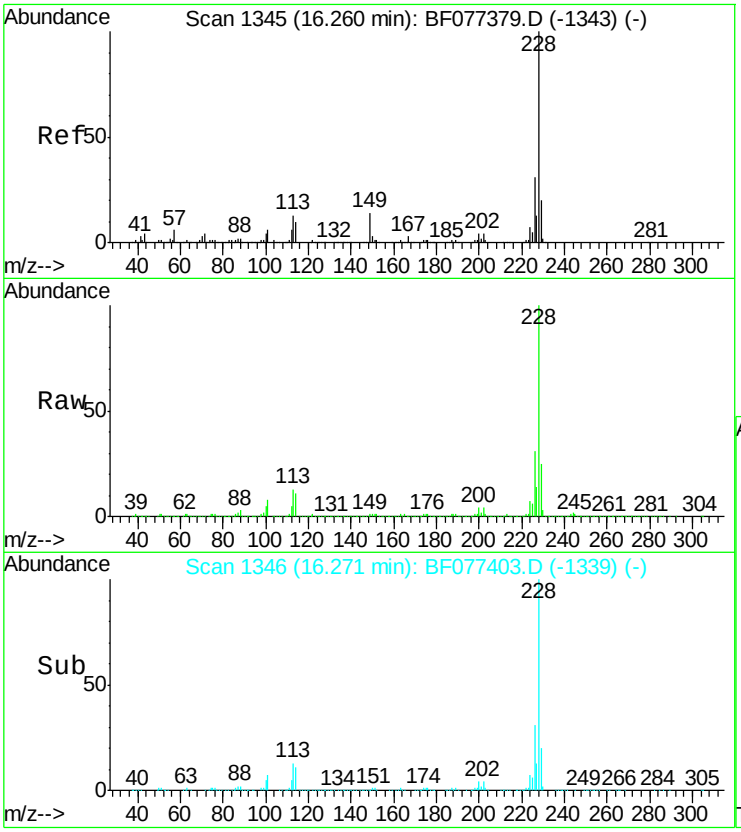


#80
Benzo(a)anthracene
Concen: 112.04 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:228 Resp: 2079377

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.0	33.0
229	22.8	15.8	23.8



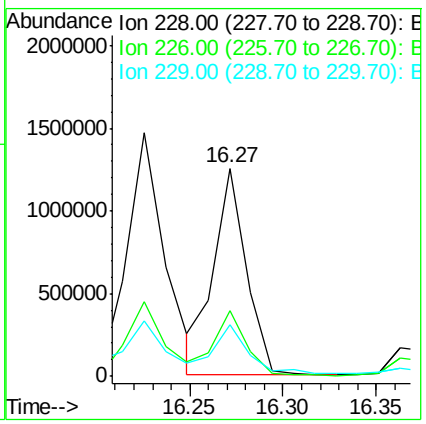


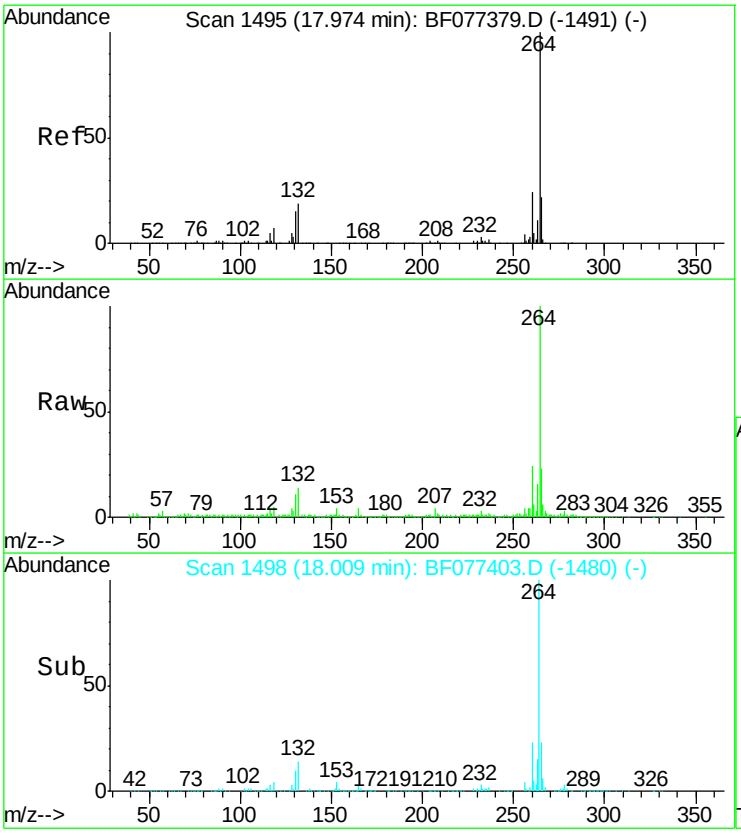
#82
Chrysene
Concen: 87.60 ng
RT: 16.27 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:228 Resp: 1526538

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	24.6	16.4	24.6

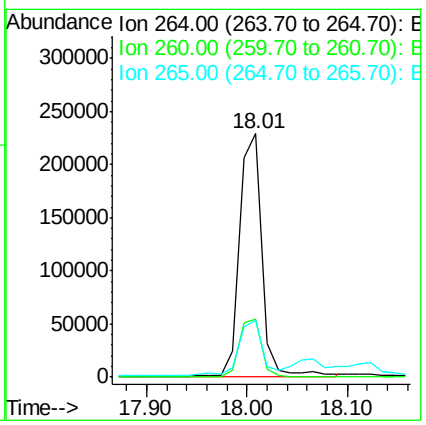


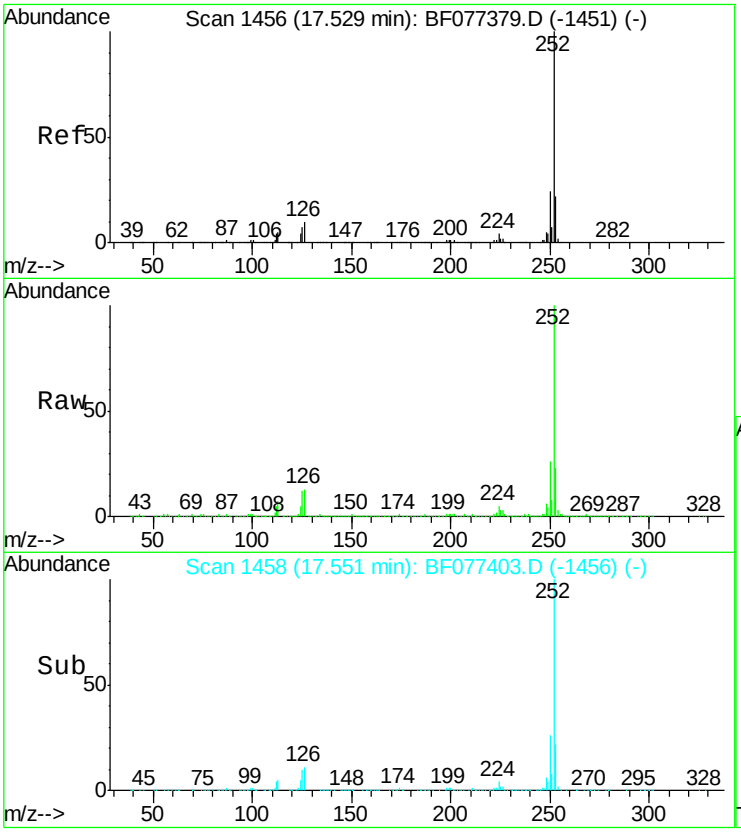


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. -0.09 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:264 Resp: 352797

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	23.3	16.8	25.2



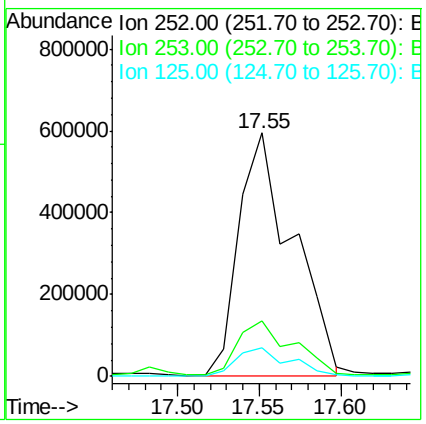


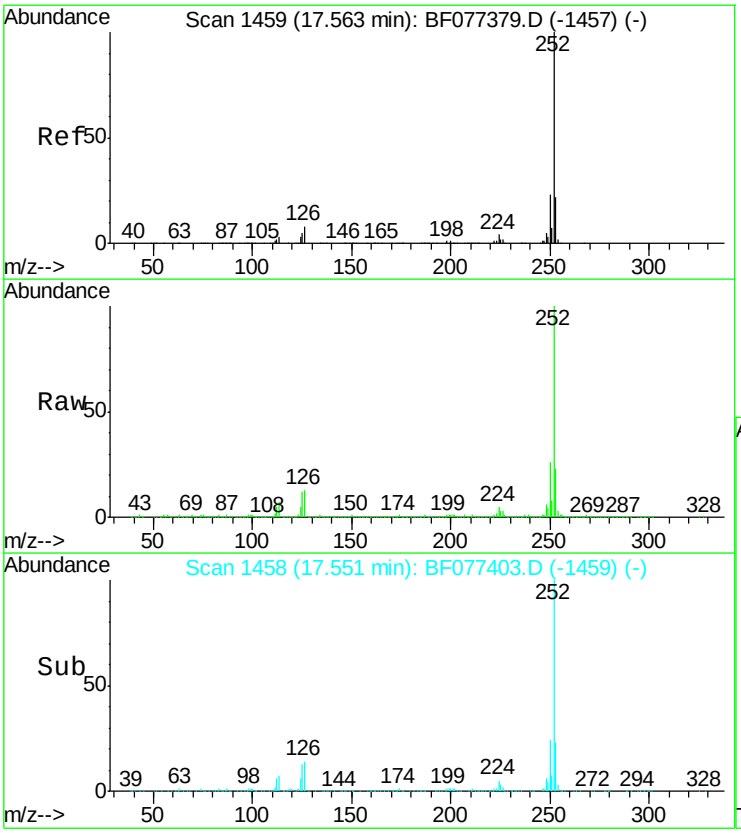
#87
Benzo(b)fluoranthene
Concen: 66.22 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.08 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:252 Resp: 1358525

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.6	5.4	8.2#

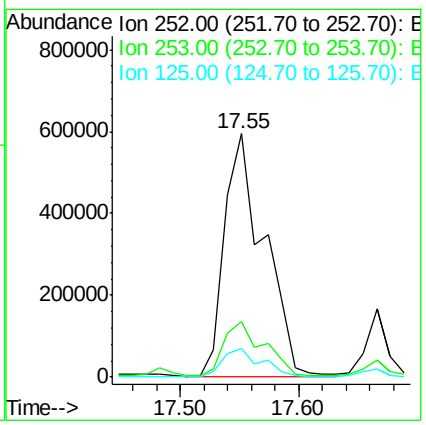


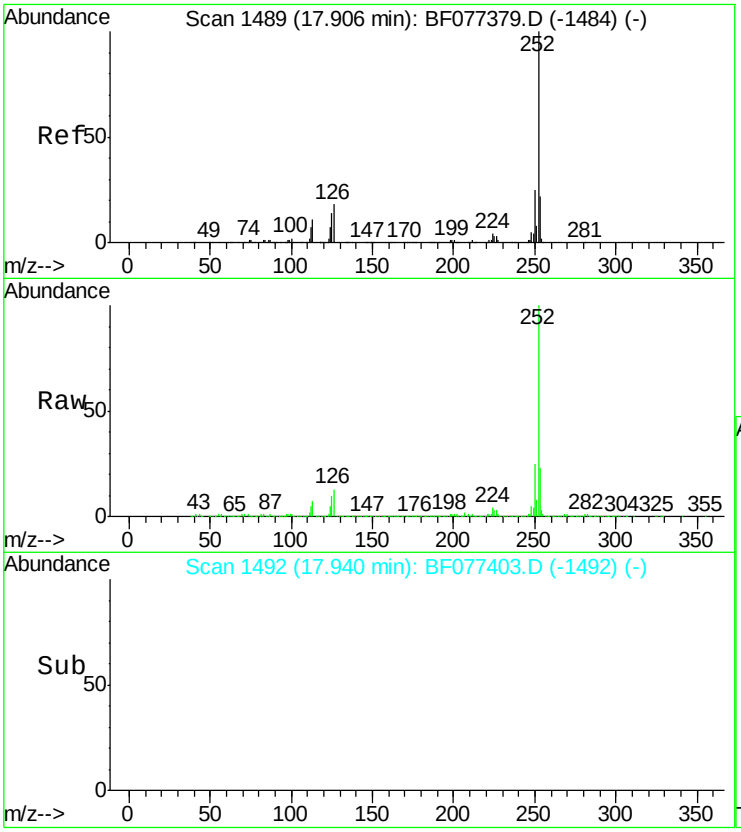


#88
Benzo(k)fluoranthene
Concen: 68.16 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.11 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:252 Resp: 1370355

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.6	10.1	15.1



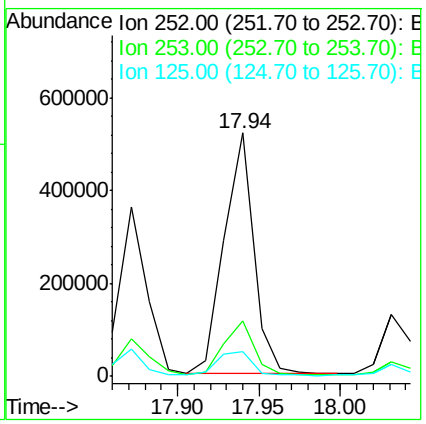


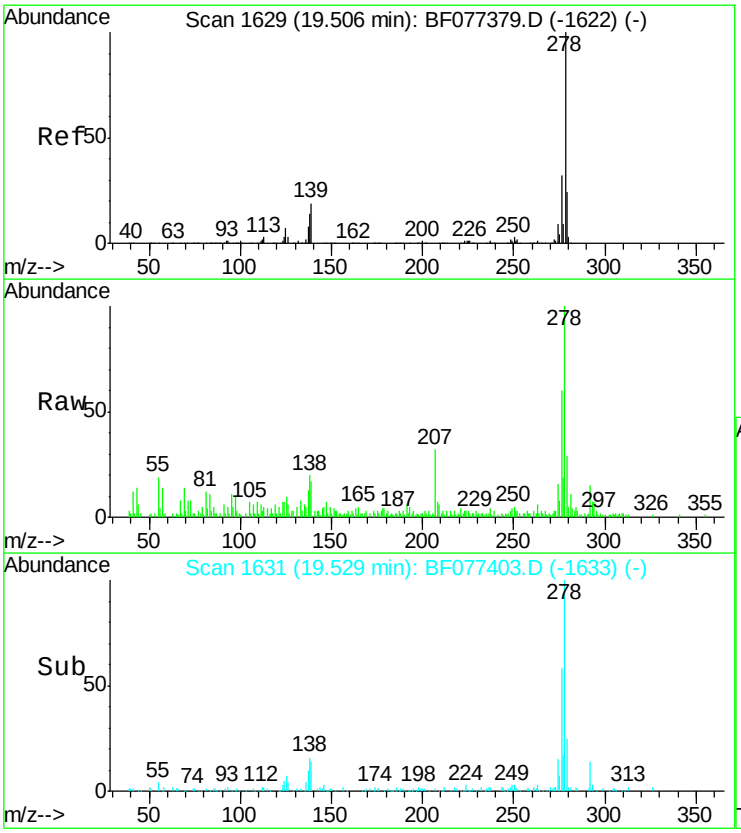
#89
Benzo(a)pyrene
Concen: 33.22 ng
RT: 17.94 min Scan# 1492
Delta R.T. -0.10 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:252 Resp: 649100

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.1	8.3	12.5

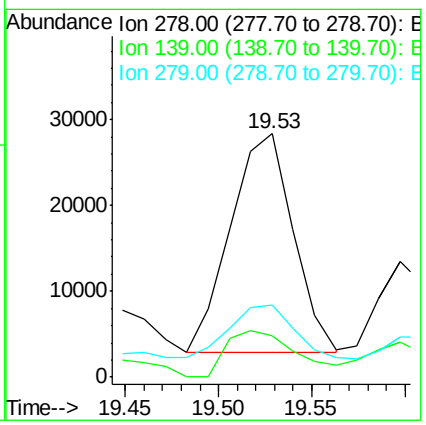


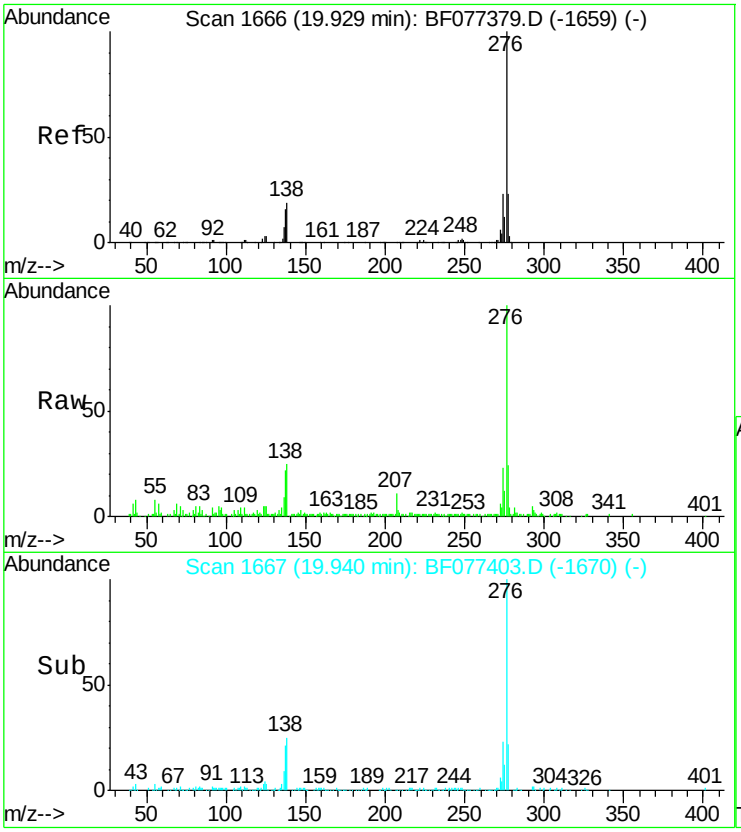


#90
Dibenzo(a,h)anthracene
Concen: 3.21 ng
RT: 19.53 min Scan# 1631
Delta R.T. -0.13 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:278 Resp: 59790

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.3	21.5
279	29.4	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 9.59 ng
RT: 19.94 min Scan# 1667
Delta R.T. -0.14 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:276 Resp: 180327

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.2	20.5	30.7