Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093446.D
Acq On : 8 Mar 2017 23:23
Operator : SJ/MA
Sample : I2106-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB414

Quant Time: Mar 09 00:07:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	178918	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	682186	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	282619	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	423440	20.00	ng		0.01
75) Chrysene-d12	13.93	240	290871	20.00	ng		0.01
86) Perylene-d12	15.36	264	290142	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1218302	113.33	ng		0.01
7) Phenol-d6	6.42	99	1584140	116.86	ng		0.01
23) Nitrobenzene-d5	7.34	82	994641	80.90	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	208193	113.07	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1339480	88.16	ng		0.00
78) Terphenyl-d14	12.87	244	793624	70.94	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.28	77	2899	Below Cal		#	1
10) Phenol	6.44	94	100358	6.04	ng	#	74
25) Isophorone	7.34	82	992570	40.03	ng	#	65
31) Naphthalene	8.07	128	292764	8.56	ng		99
33) 4-Chloroaniline	8.07	127	41930	3.02	ng	#	39
35) Caprolactam	8.47	113	13944	4.23	ng	#	1
37) 2-Methylnaphthalene	8.77	142	132420	6.09	ng		98
45) 1,1'-Biphenyl	9.22	154	44591	2.17	ng		94
48) Acenaphthylene	9.67	152	156738	6.03	ng	#	92
49) Dimethylphthalate	9.53	163	162233	8.66	ng	#	98
51) Acenaphthene	9.84	154	46240	3.01	ng	#	85
52) 3-Nitroaniline	9.75	138	15835	3.21	ng	#	12
54) Dibenzofuran	10.01	168	118655	6.17	ng		98
55) 4-Nitrophenol	9.91	139	6283	2.62	ng	#	1
57) Fluorene	10.36	166	105190	6.45	ng		93
70) Phenanthrene	11.32	178	733966	30.37	ng		99
71) Anthracene	11.37	178	311632	12.75	ng		97
72) Carbazole	11.53	167	74149	3.23	ng	#	87
74) Fluoranthene	12.51	202	1037626	44.44	ng		97
77) Pyrene	12.73	202	1208949	57.15	ng		99
80) Benzo(a)anthracene	13.92	228	574669	33.46	ng	#	94
82) Chrysene	13.92	228	574669	36.16	ng	#	94
83) Bis(2-ethylhexyl)phthalate	13.91	149	29931	2.41	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.75	276	363842	27.35	ng		95
87) Benzo(b)fluoranthene	14.96	252	883804	50.02	ng	#	96
88) Benzo(k)fluoranthene	14.96	252	883804	51.86	ng	#	95
89) Benzo(a)pyrene	15.31	252	556485	34.46	ng	#	94
90) Dibenzo(a,h)anthracene	16.75	278	85578	6.41	ng	#	80
91) Benzo(g,h,i)perylene	17.17	276	421109	30.71	ng	#	87

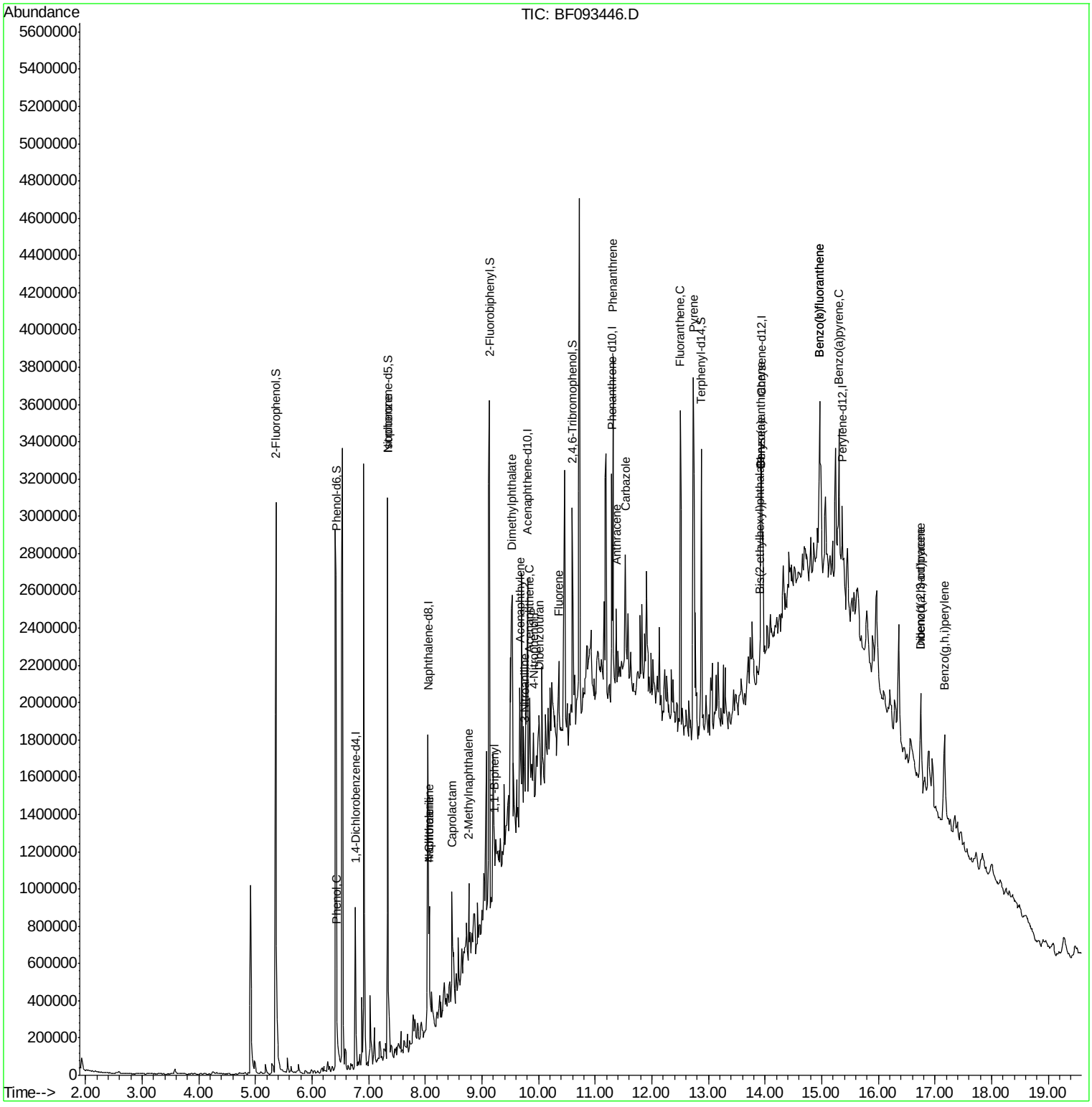
(#) = qualifier out of range (m) = manual integration (+) = signals summed

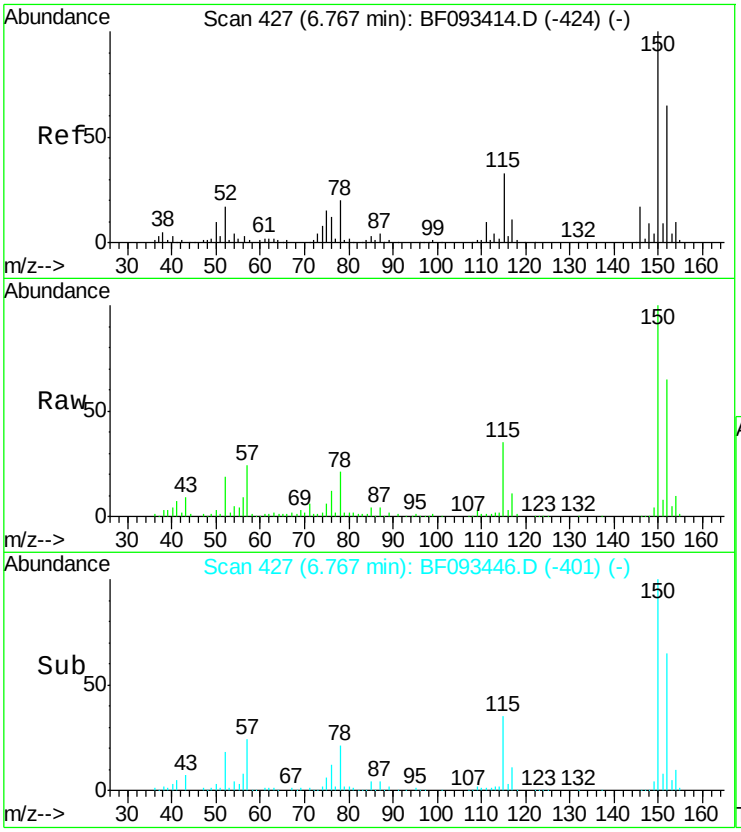
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093446.D
Acq On : 8 Mar 2017 23:23
Operator : SJ/MA
Sample : I2106-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB414

Quant Time: Mar 09 00:07:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration



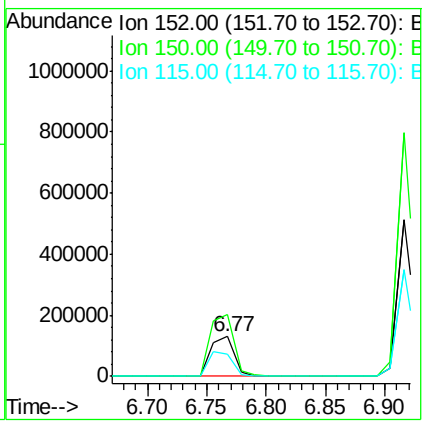


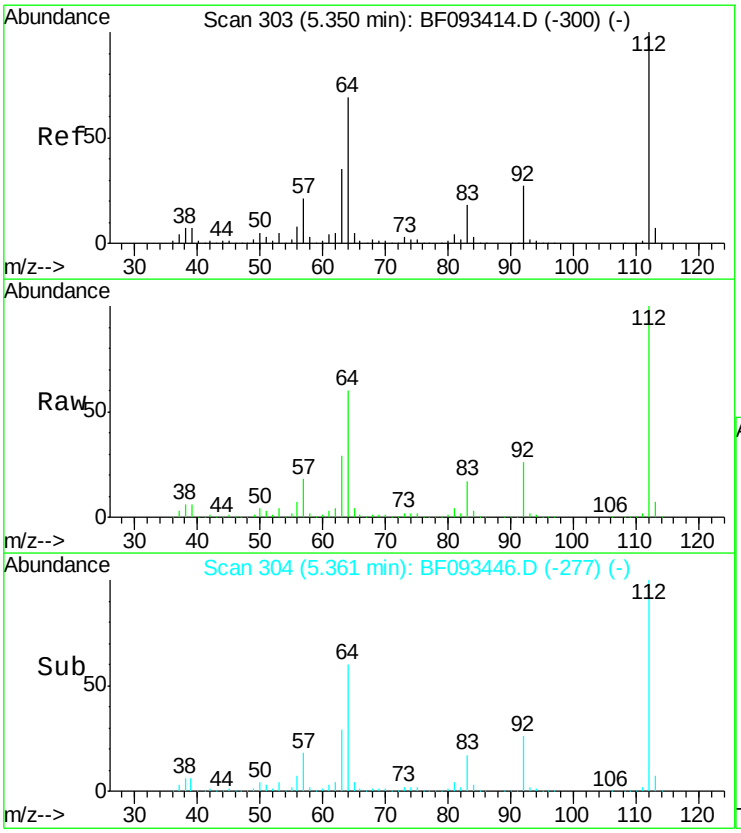
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:152 Resp: 178918

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.9	187.3
115	54.2	46.0	69.0

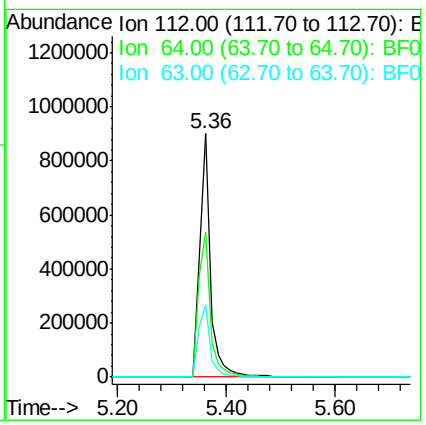


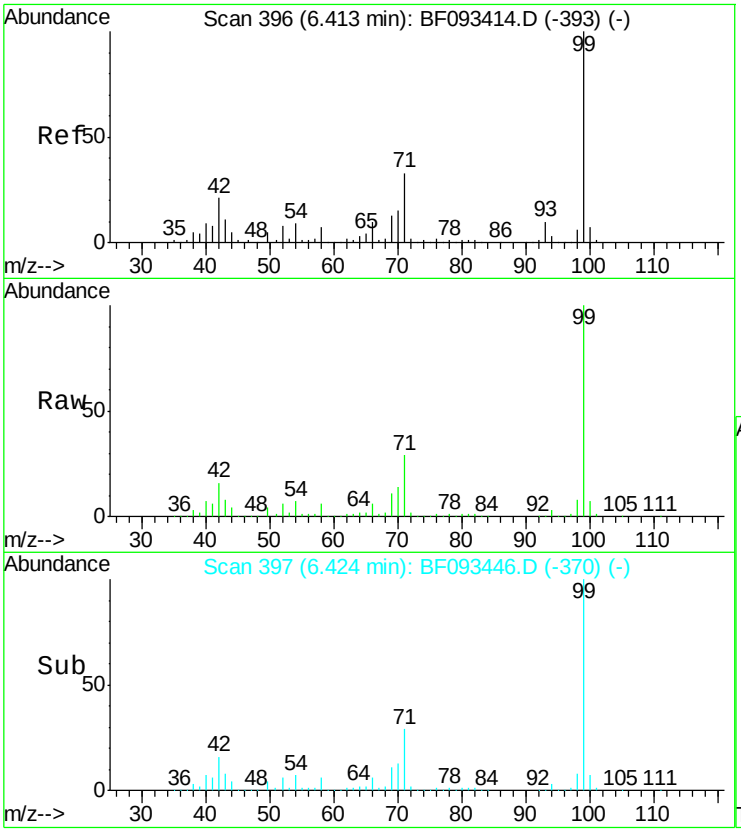


#5
2-Fluorophenol
Concen: 113.33 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:112 Resp: 1218302

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.1	69.1
63	29.5	23.8	35.6



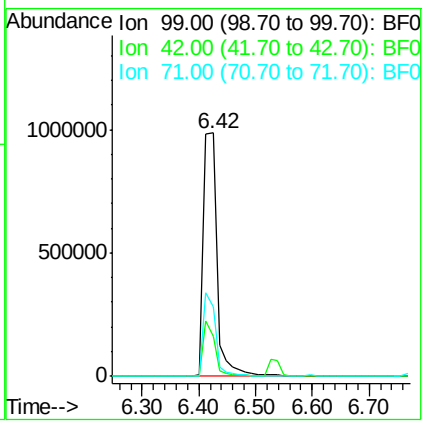


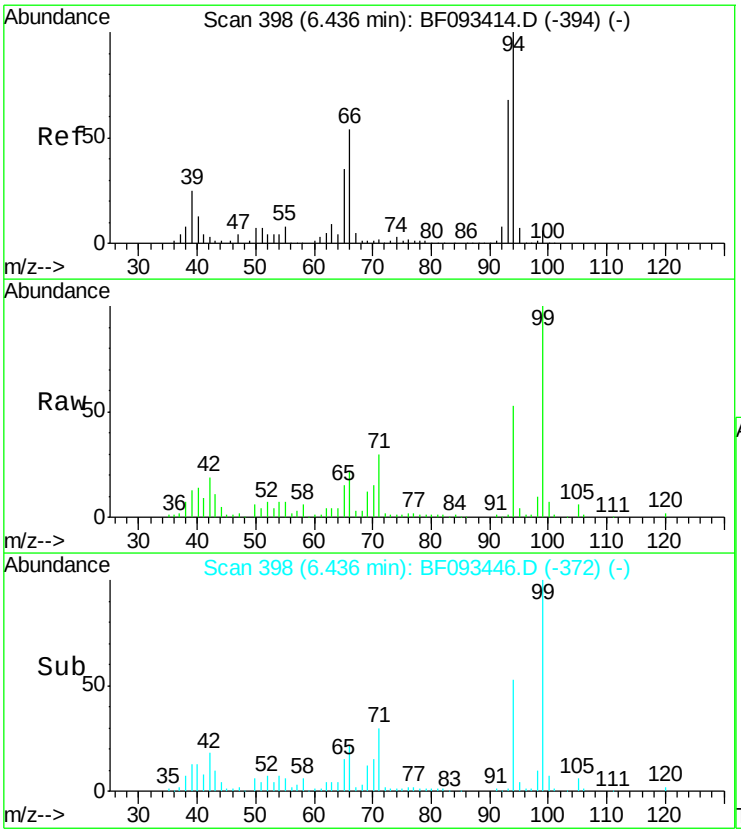
#7
Phenol-d6
Concen: 116.86 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion: 99 Resp: 1584140

Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.6	23.4
71	28.5	27.5	41.3

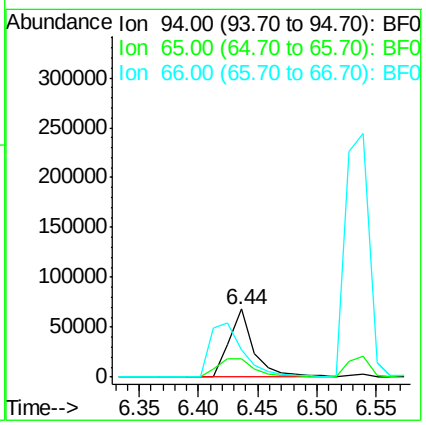


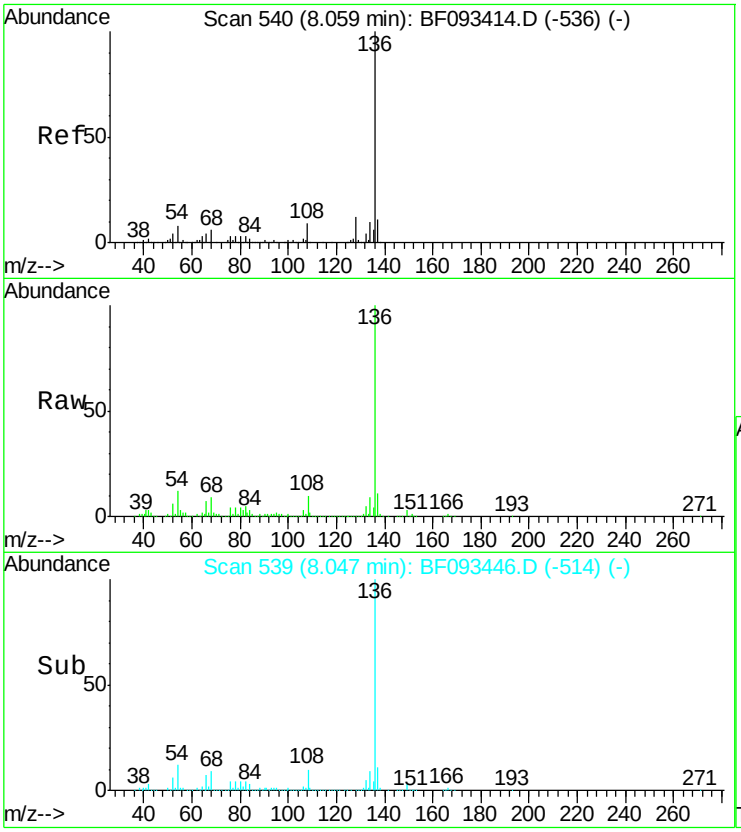


#10
Phenol
Concen: 6.04 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion: 94 Resp: 100358

Ion	Ratio	Lower	Upper
94	100		
65	27.9	21.4	61.4
66	40.8	44.0	84.0#



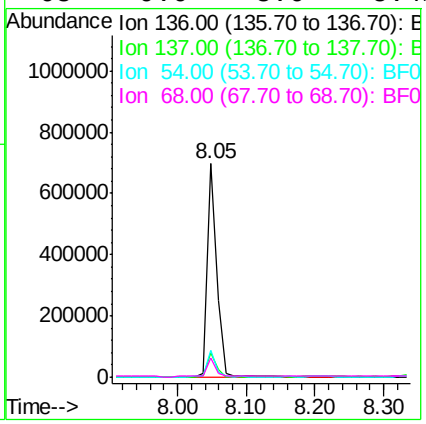


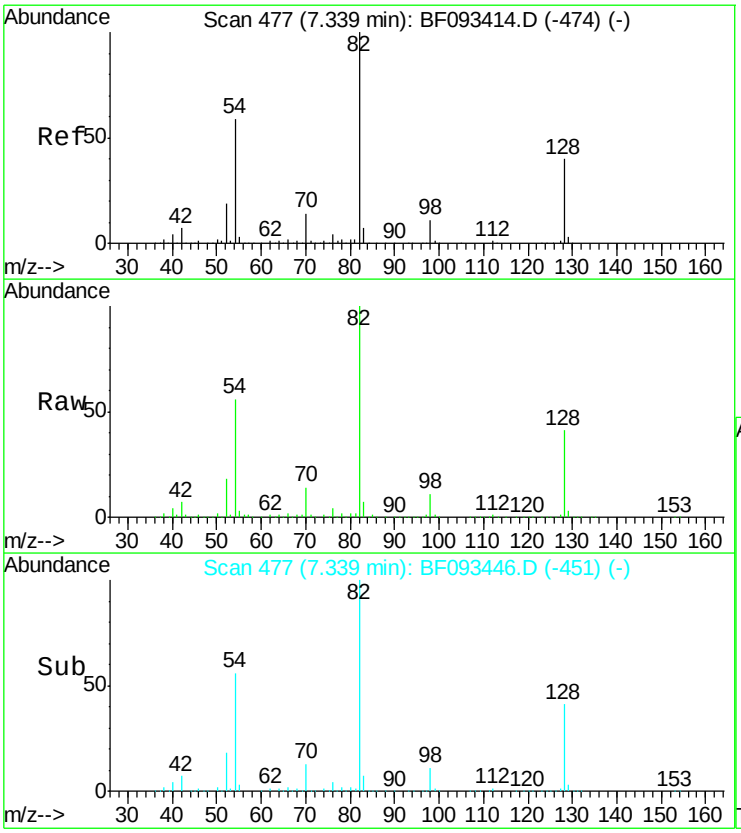
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:136 Resp: 682186

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.5	4.5	6.7#
68	9.0	3.6	5.4#

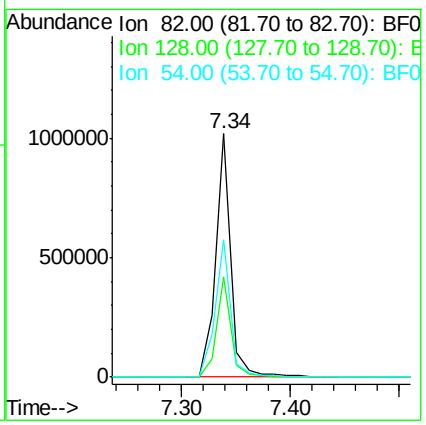


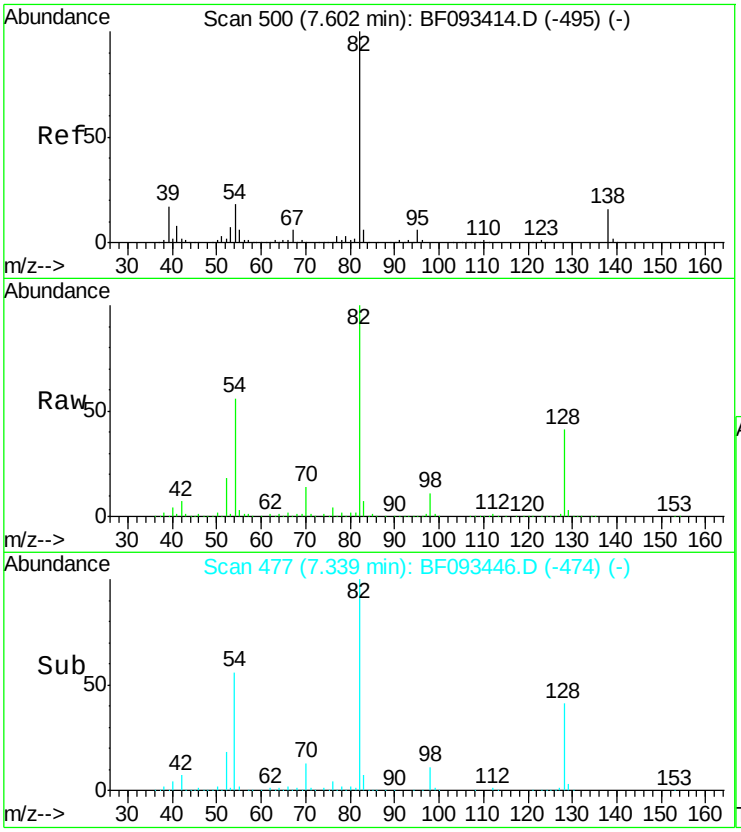


#23
Nitrobenzene-d5
Concen: 80.90 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion: 82 Resp: 994641

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	56.4	39.5	59.3



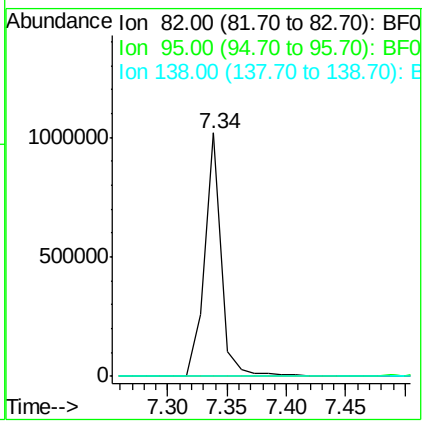


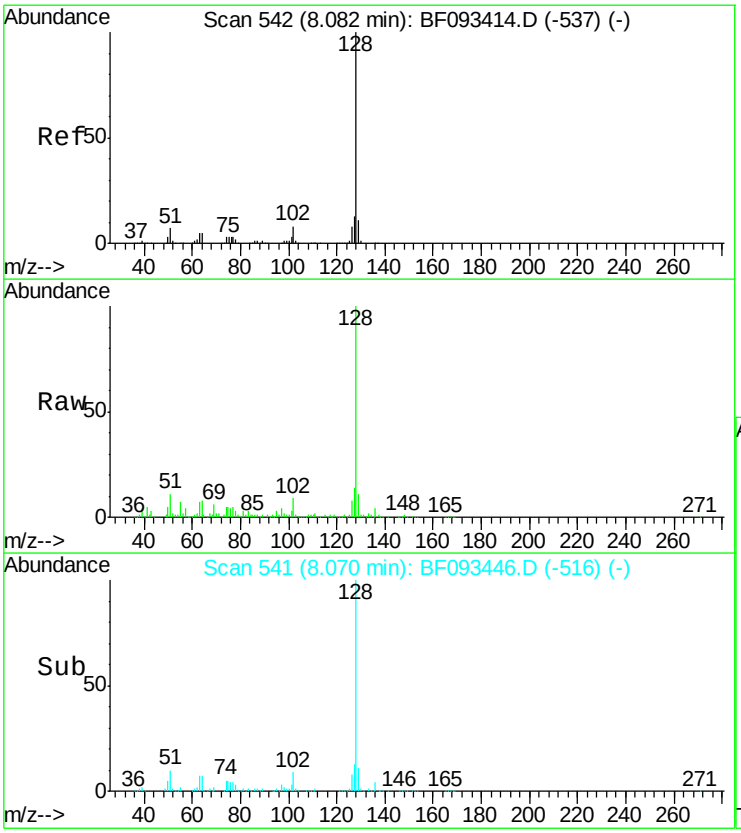
#25
Isophorone
Concen: 40.03 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion: 82 Resp: 992570

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.6	8.4#
138	0.0	14.6	22.0#

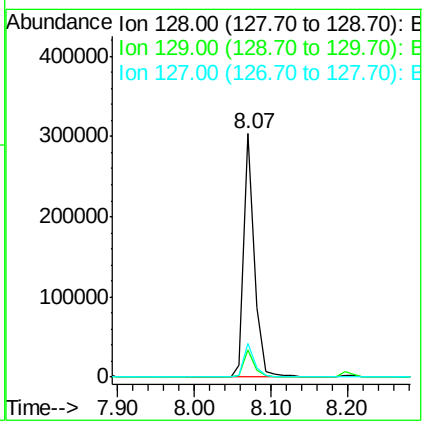


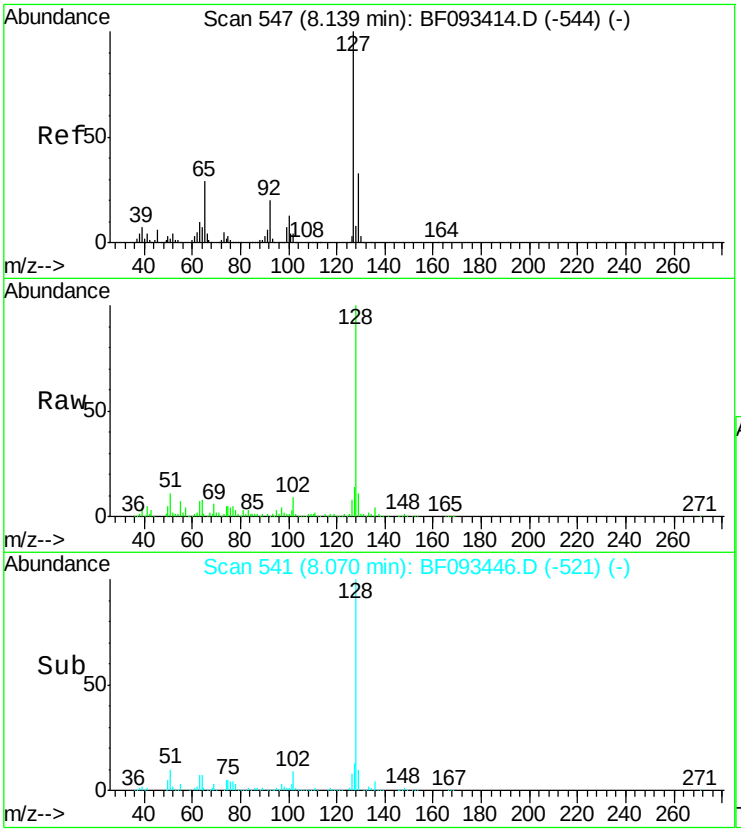


#31
Naphthalene
Concen: 8.56 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:128 Resp: 292764

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.6	10.8	16.2



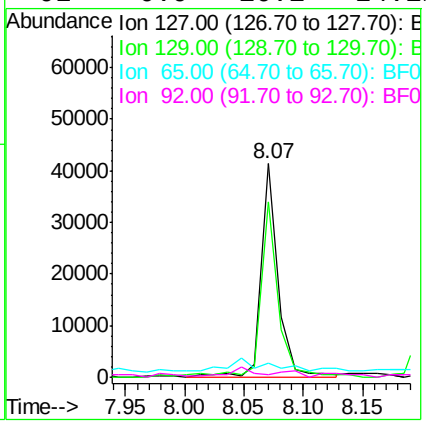


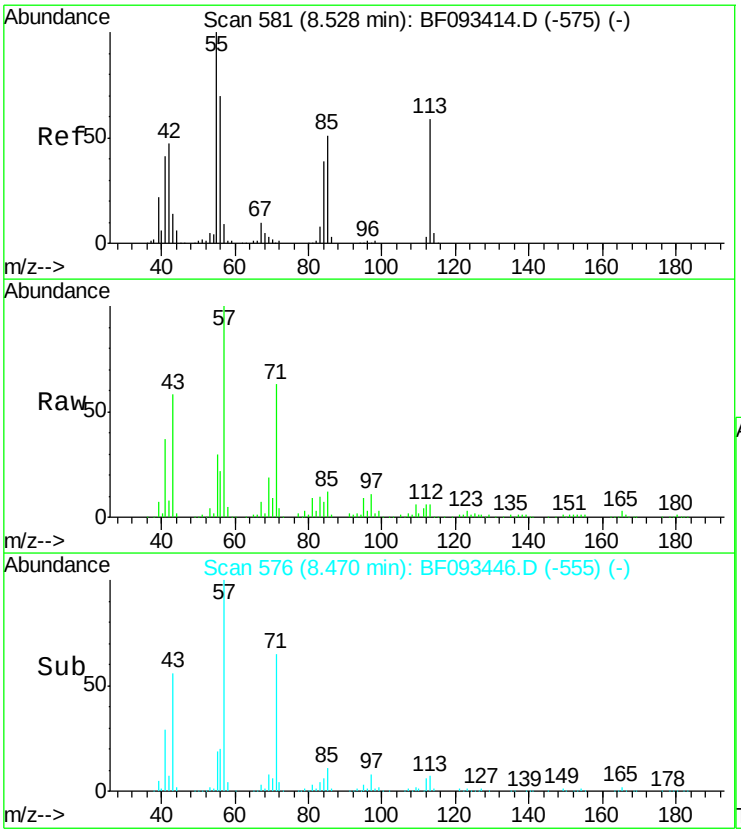
#33
4-Chloroaniline
Concen: 3.02 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:127 Resp: 41930

Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.3	39.5#
65	6.8	25.8	38.8#
92	0.9	16.1	24.1#

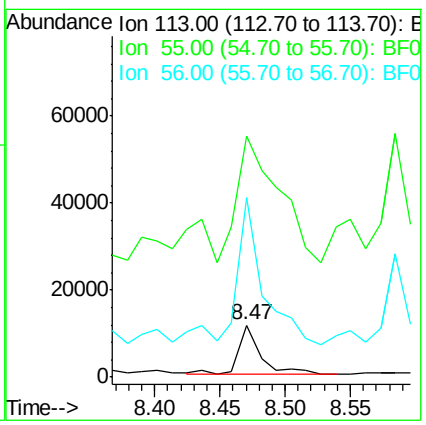


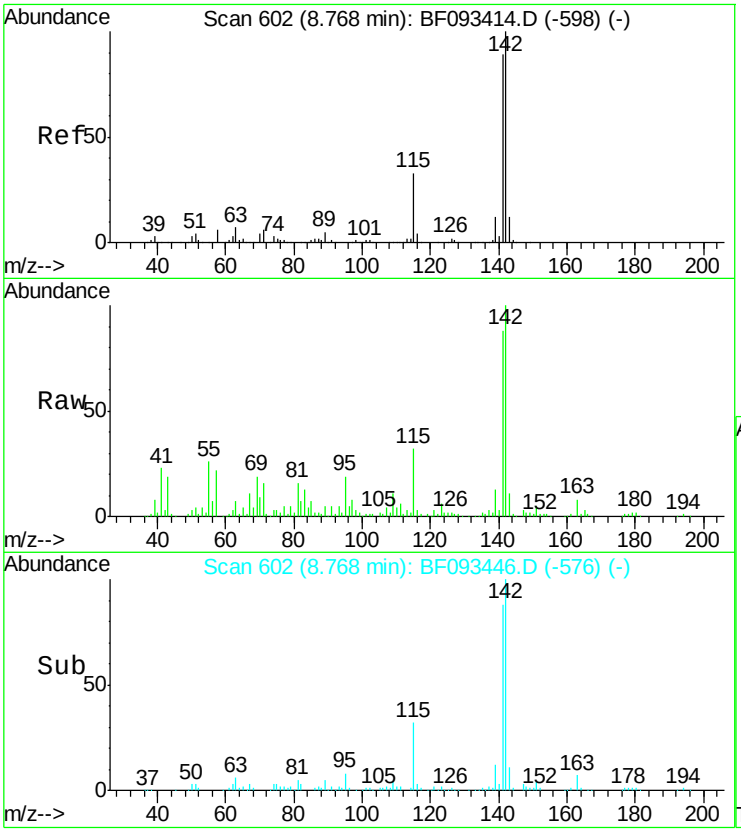


#35
Caprolactam
Concen: 4.23 ng
RT: 8.47 min Scan# 576
Delta R.T. -0.06 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:113 Resp: 13944

Ion	Ratio	Lower	Upper
113	100		
55	466.7	119.2	159.2#
56	349.1	83.8	123.8#



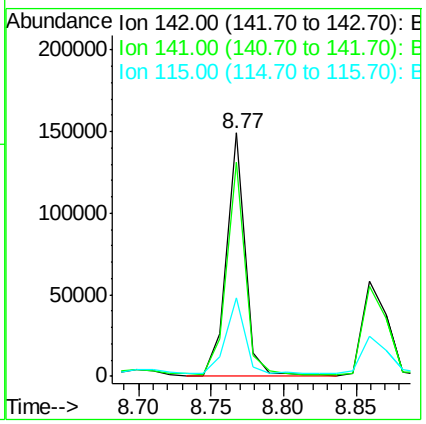


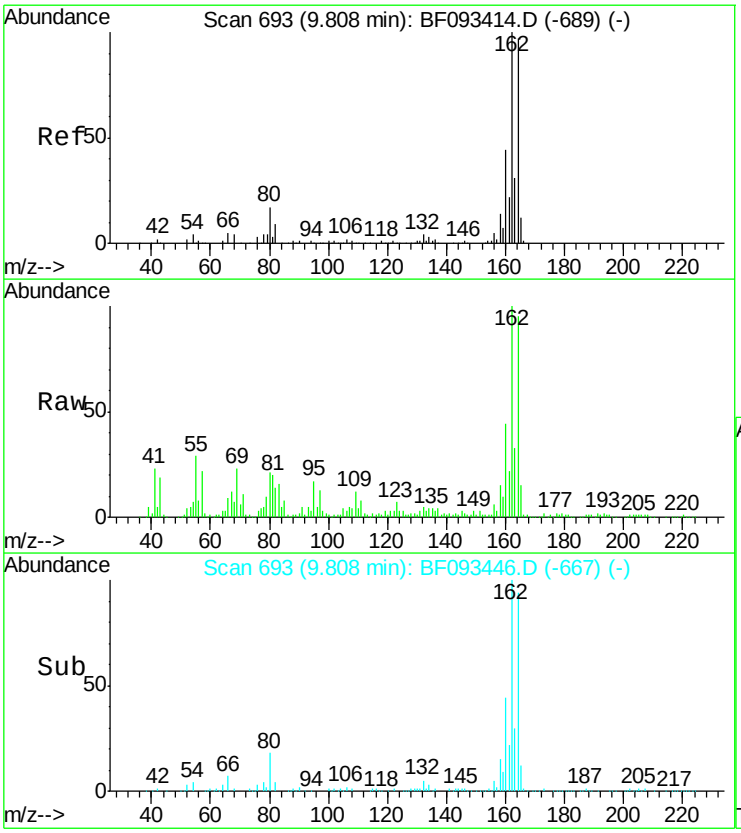
#37
2-Methylnaphthalene
Concen: 6.09 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:142 Resp: 132420

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	32.0	28.3	42.5

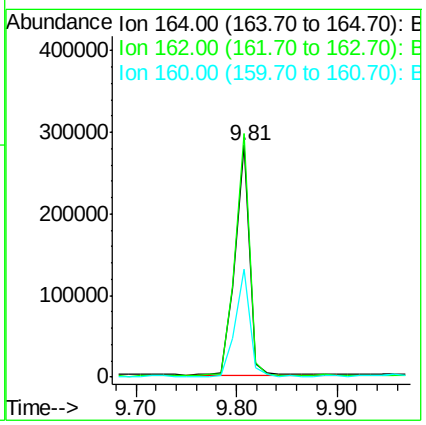


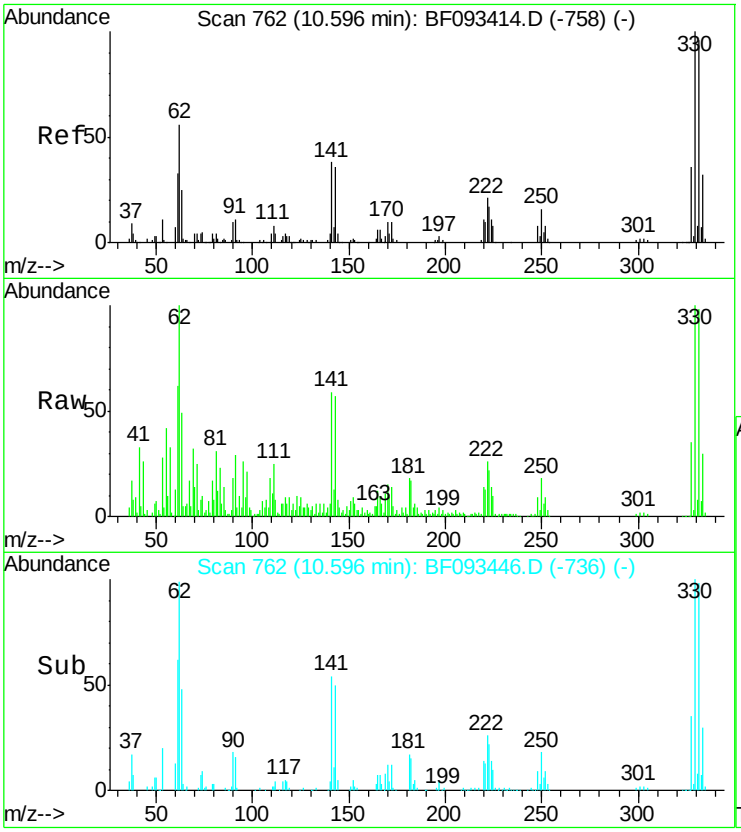


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:164 Resp: 282619

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.2	120.2
160	46.5	36.9	55.3



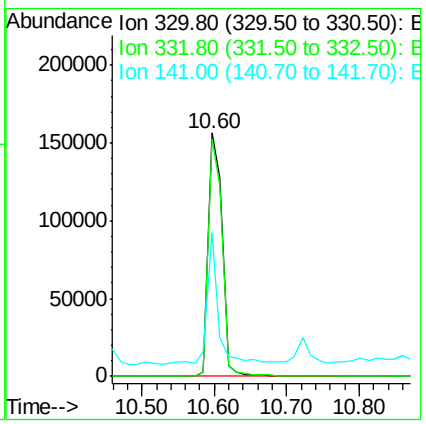


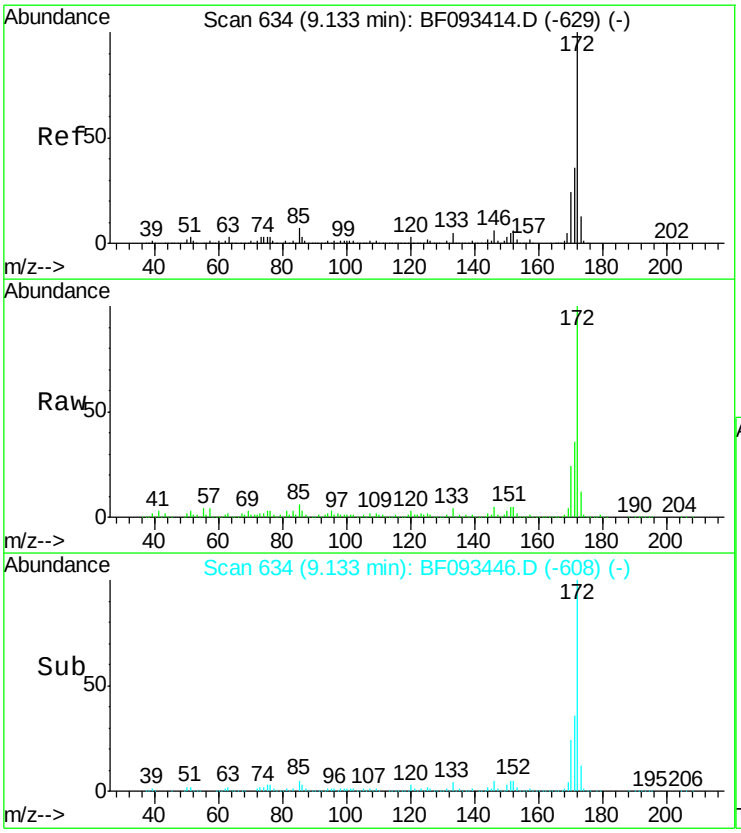
#41
2,4,6-Tribromophenol
Concen: 113.07 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:330 Resp: 208193

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	42.9	34.1	51.1

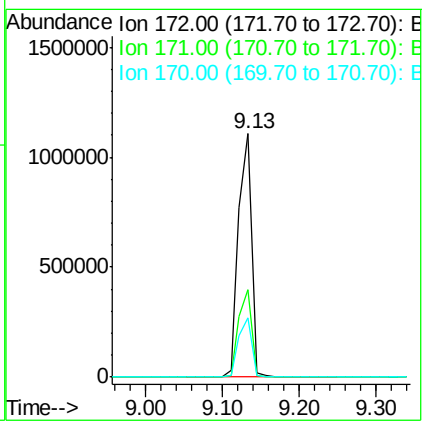


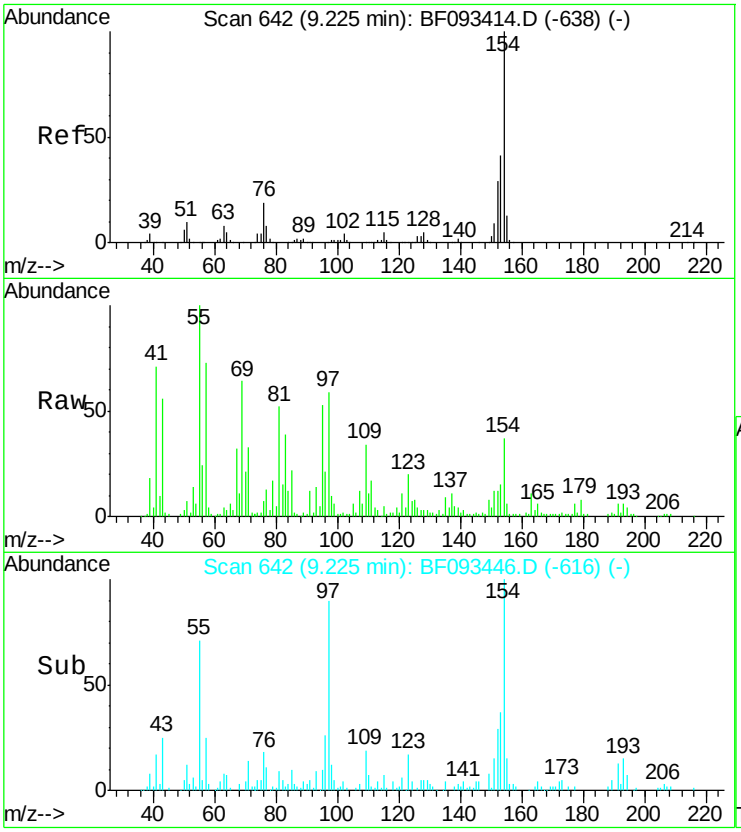


#44
2-Fluorobiphenyl
Concen: 88.16 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:172 Resp: 1339480

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	20.2	30.4



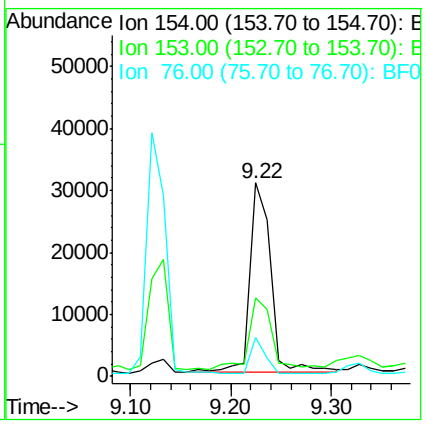


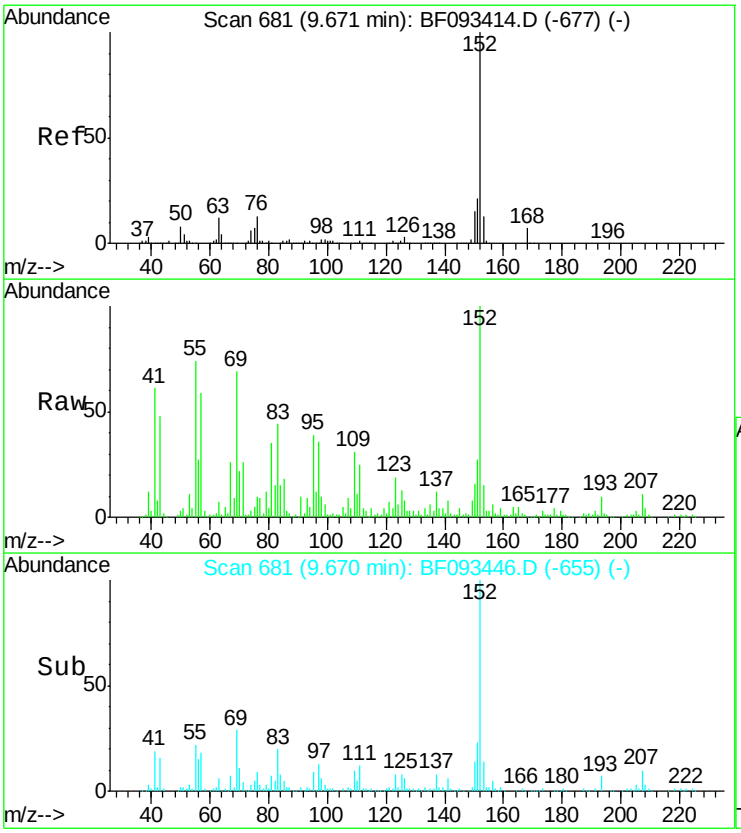
#45
1,1'-Biphenyl
Concen: 2.17 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:154 Resp: 44591

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	20.4	0.0	30.5

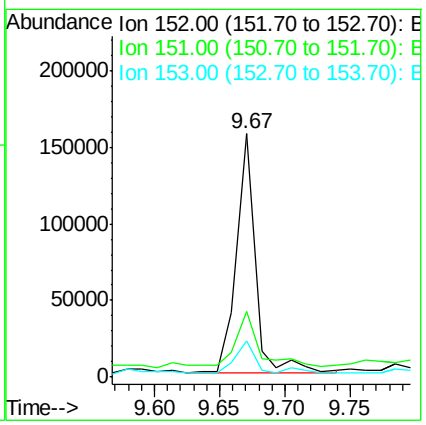


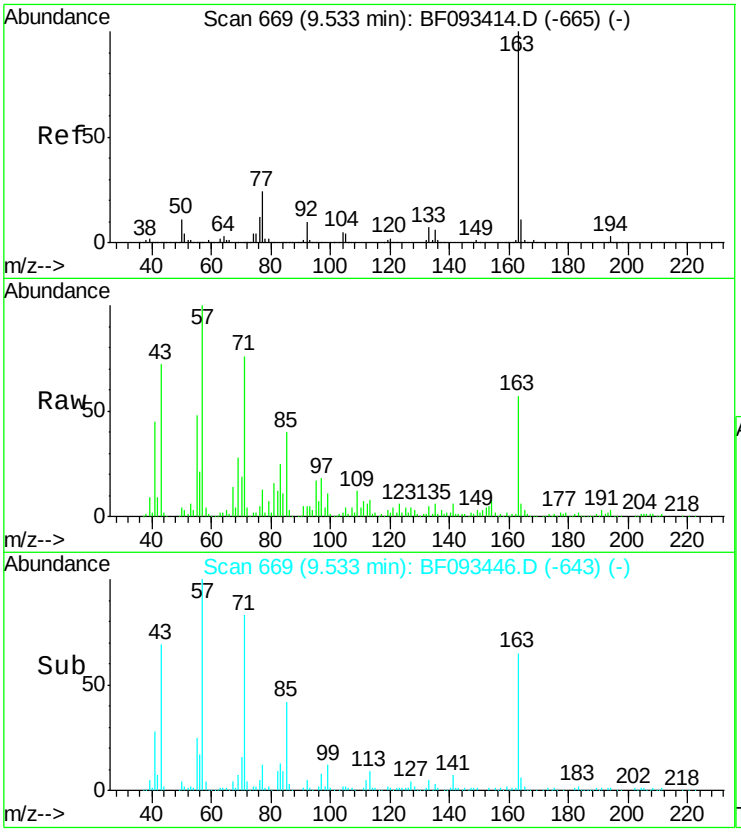


#48
Acenaphthylene
Concen: 6.03 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:152 Resp: 156738

Ion	Ratio	Lower	Upper
152	100		
151	26.9	16.9	25.3#
153	14.6	11.4	17.2



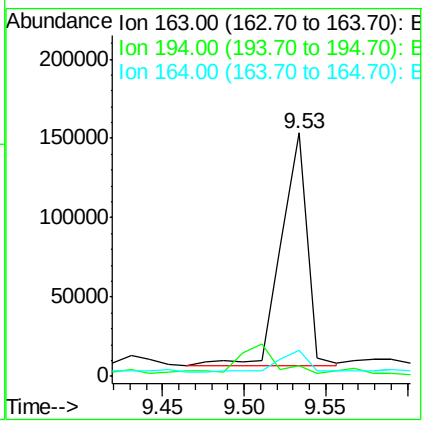


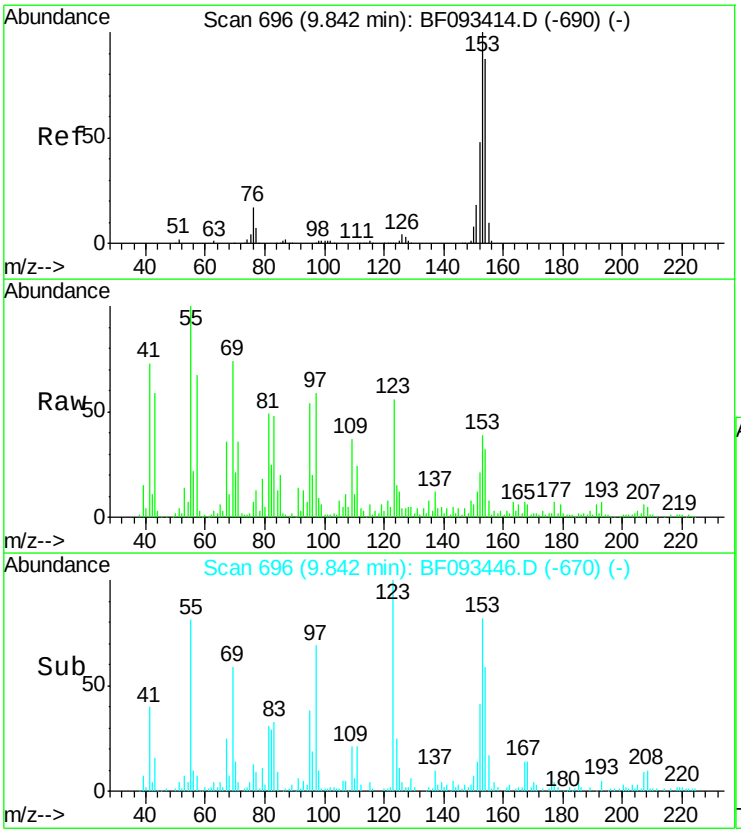
#49
Dimethylphthalate
Concen: 8.66 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:163 Resp: 162233

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.4#
164	10.6	8.0	12.0

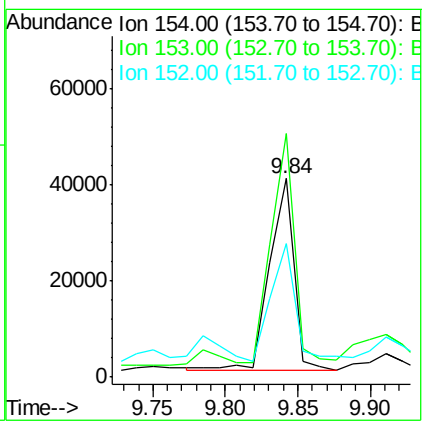


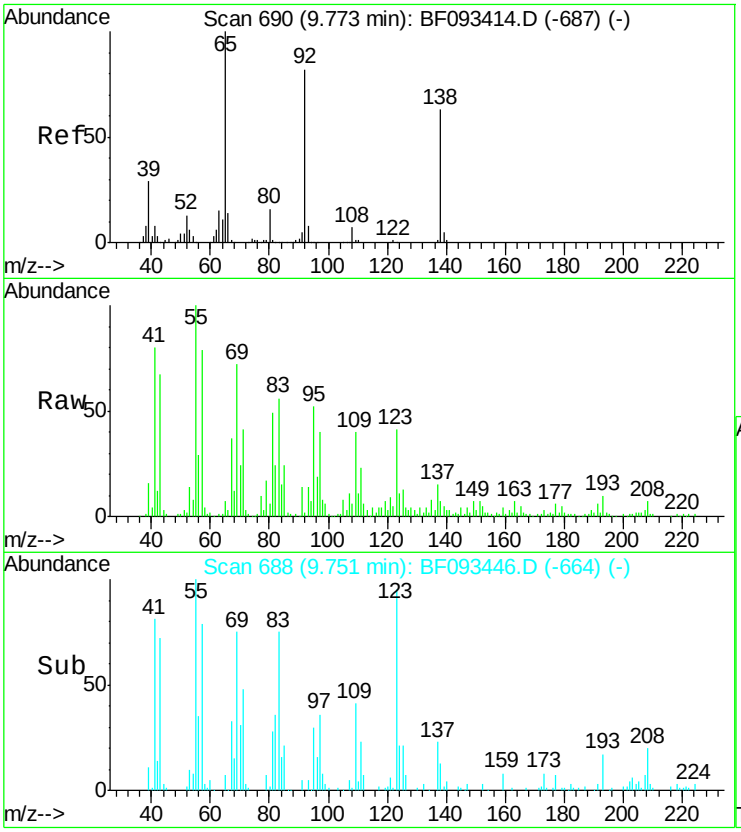


#51
Acenaphthene
Concen: 3.01 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:154 Resp: 46240

Ion	Ratio	Lower	Upper
154	100		
153	122.9	88.6	133.0
152	67.1	41.6	62.4#



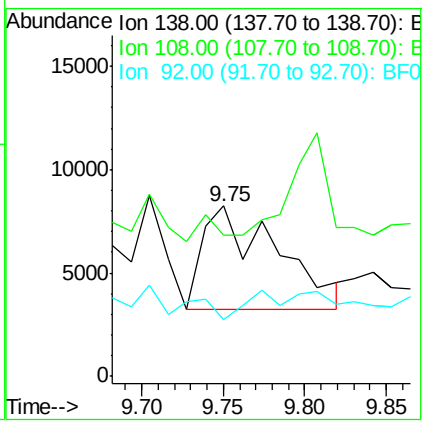


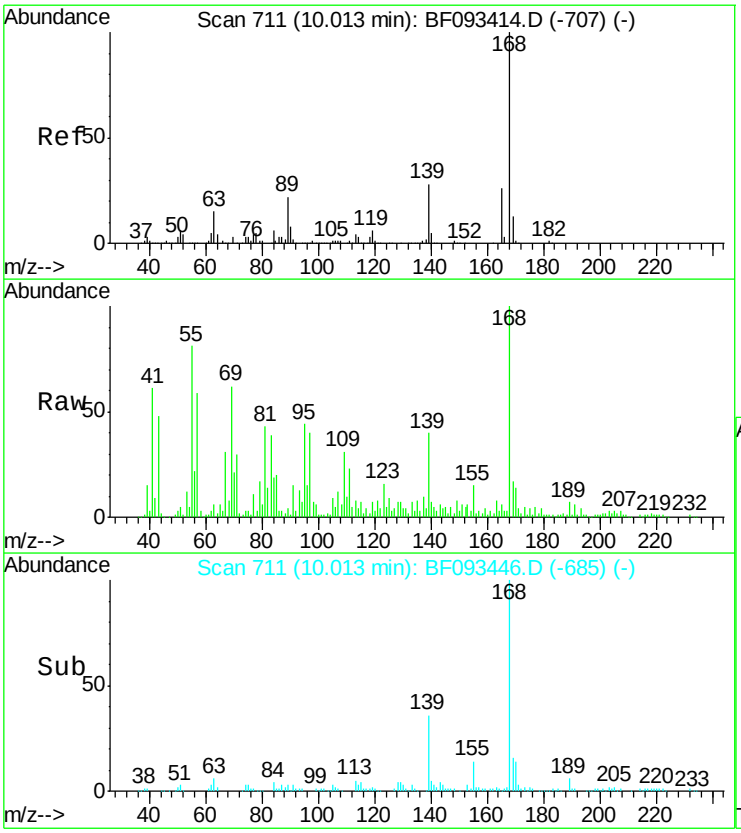
#52
3-Nitroaniline
Concen: 3.21 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:138 Resp: 15835

Ion	Ratio	Lower	Upper
138	100		
108	82.7	8.5	12.7#
92	33.4	97.8	146.8#

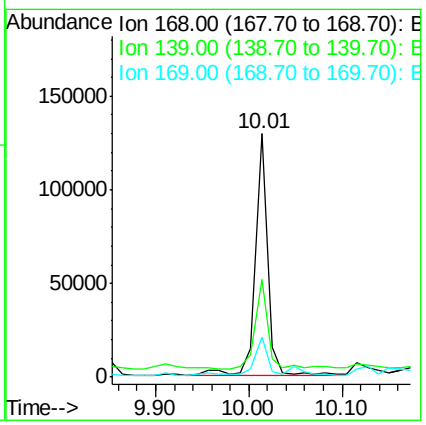


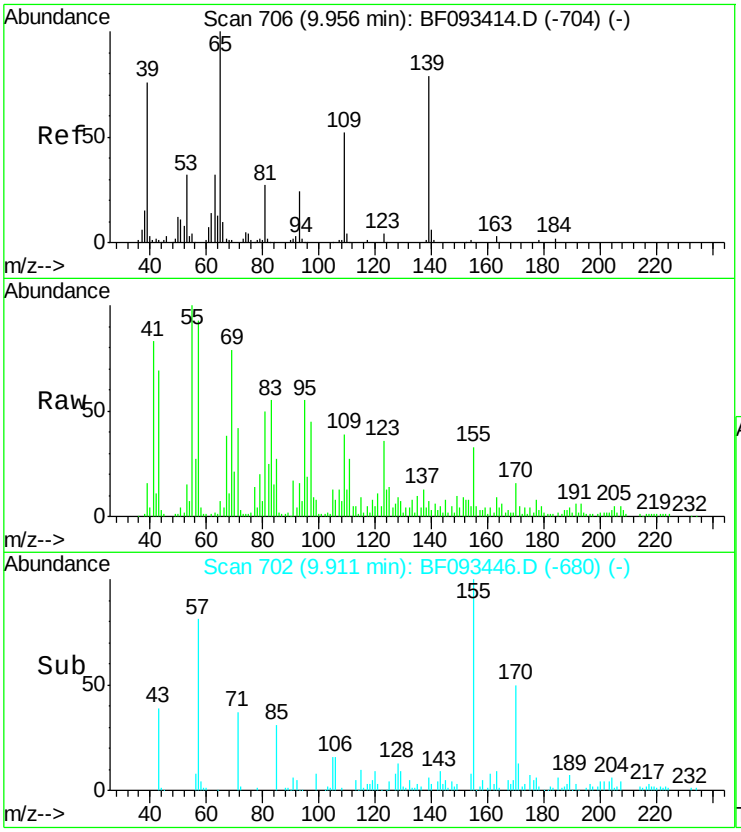


#54
Dibenzofuran
Concen: 6.17 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:168 Resp: 118655

Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.6	49.0
169	16.6	11.3	16.9



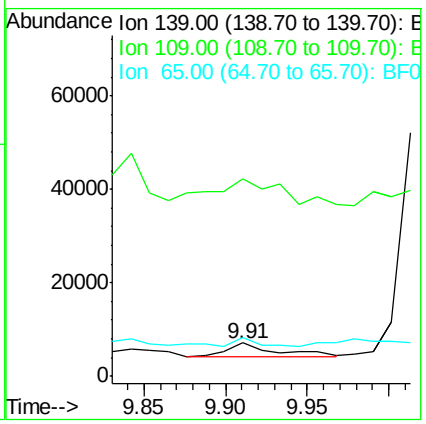


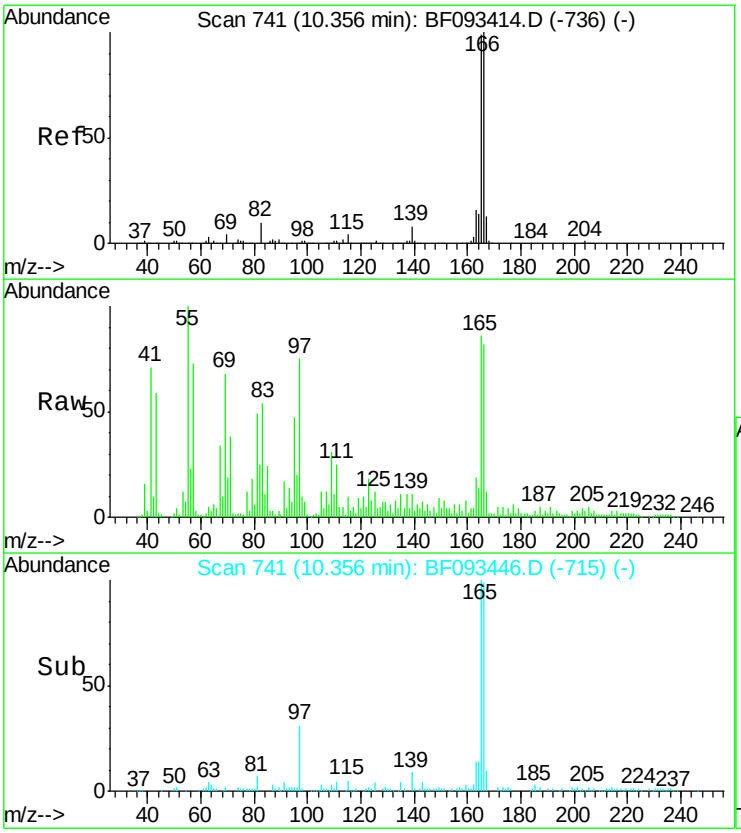
#55
4-Nitrophenol
Concen: 2.62 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:139 Resp: 6283

Ion	Ratio	Lower	Upper
139	100		
109	592.9	52.2	92.2#
65	114.3	85.8	125.8

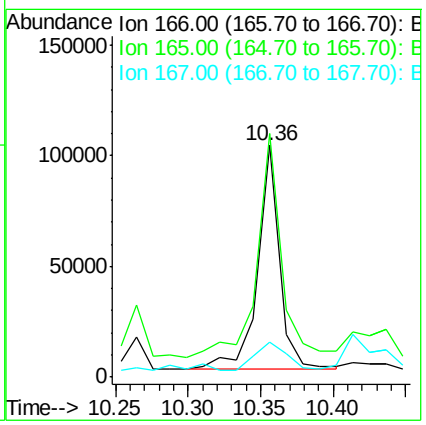


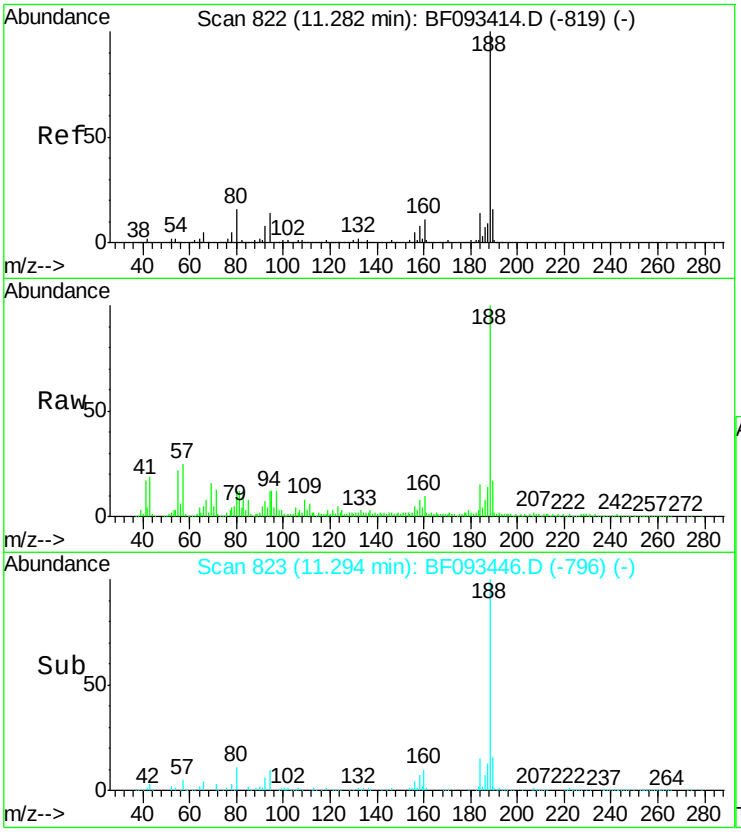


#57
Fluorene
Concen: 6.45 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:166 Resp: 105190

Ion	Ratio	Lower	Upper
166	100		
165	105.0	77.8	116.8
167	14.9	10.8	16.2



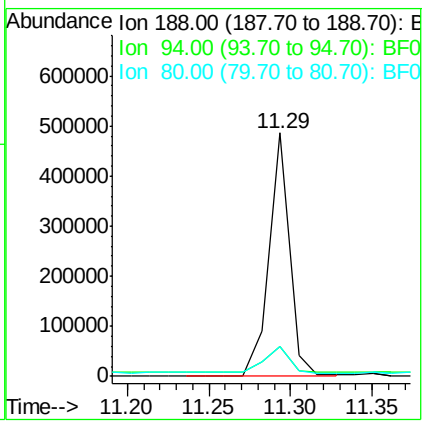


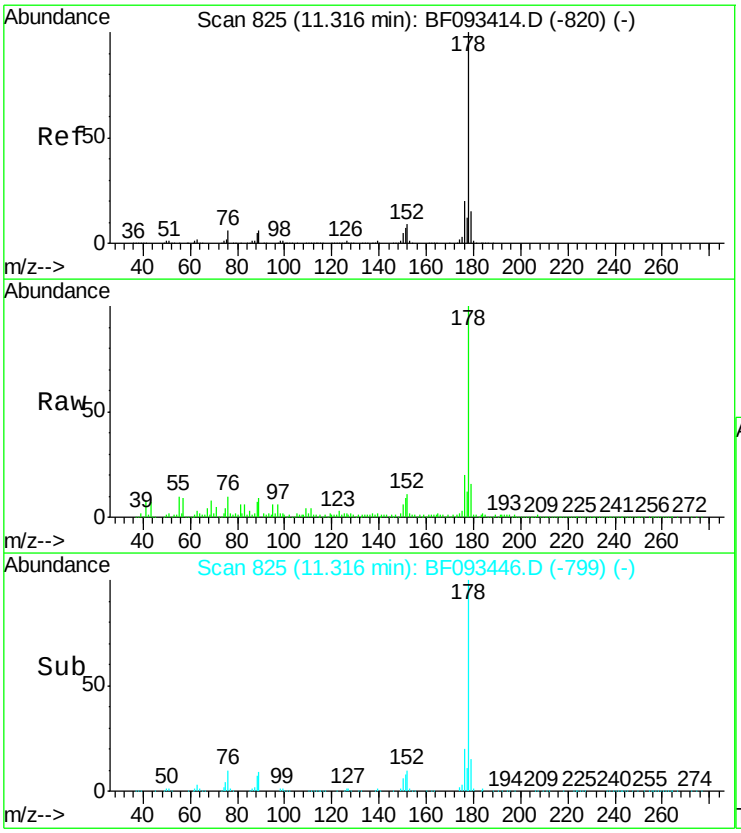
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:188 Resp: 423440

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.0	15.0
80	12.0	11.2	16.8

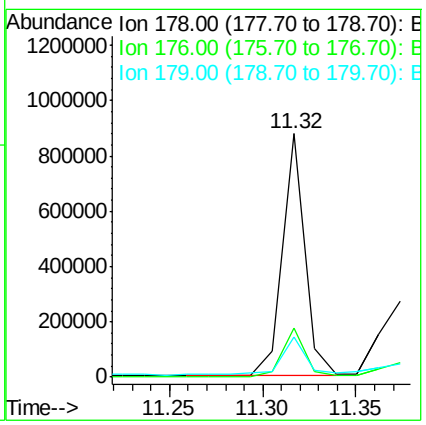


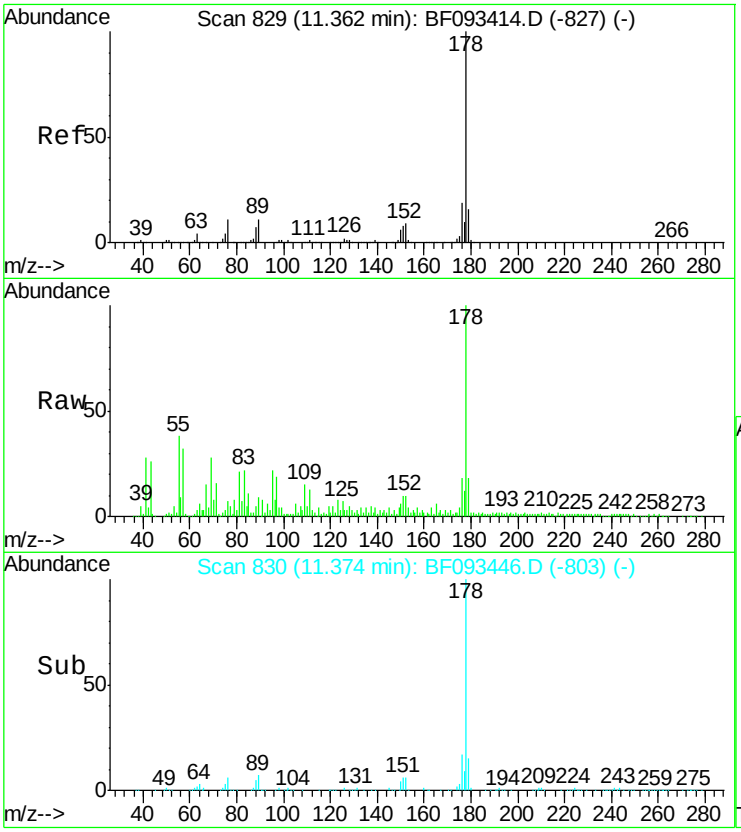


#70
Phenanthrene
Concen: 30.37 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:178 Resp: 733966

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.2	12.8	19.2



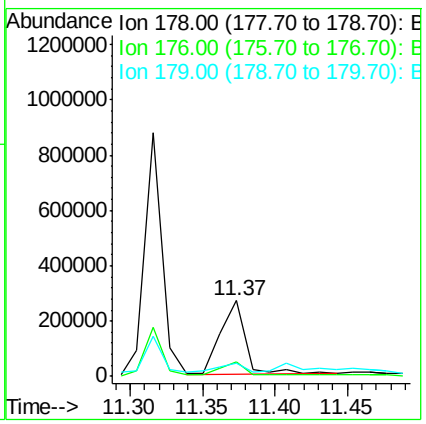


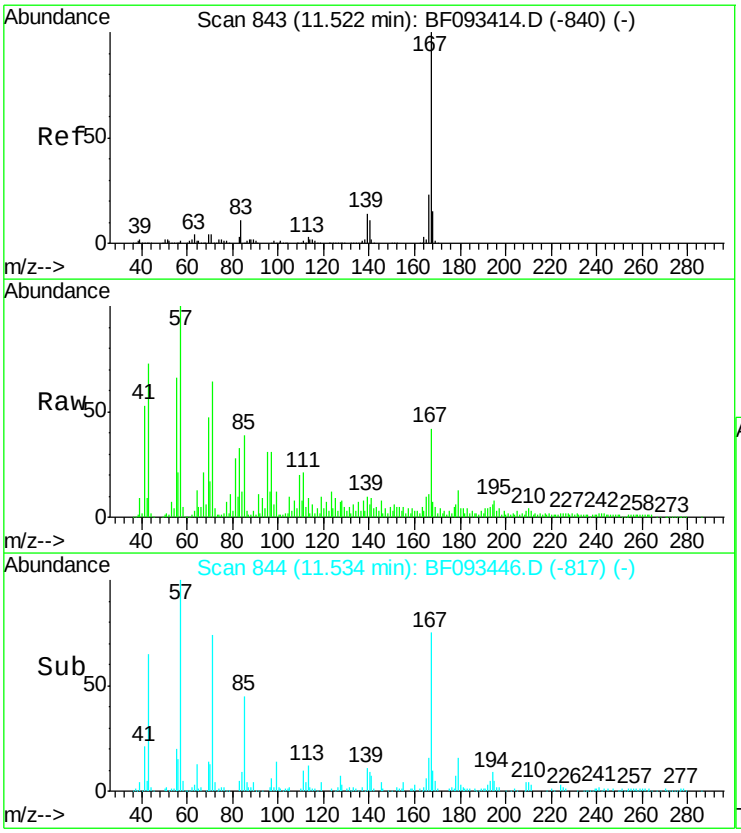
#71
Anthracene
Concen: 12.75 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:178 Resp: 311632

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	17.7	13.2	19.8

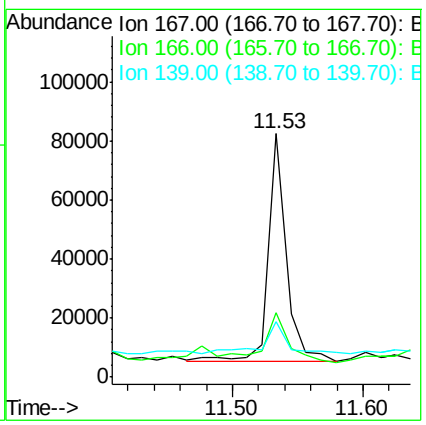


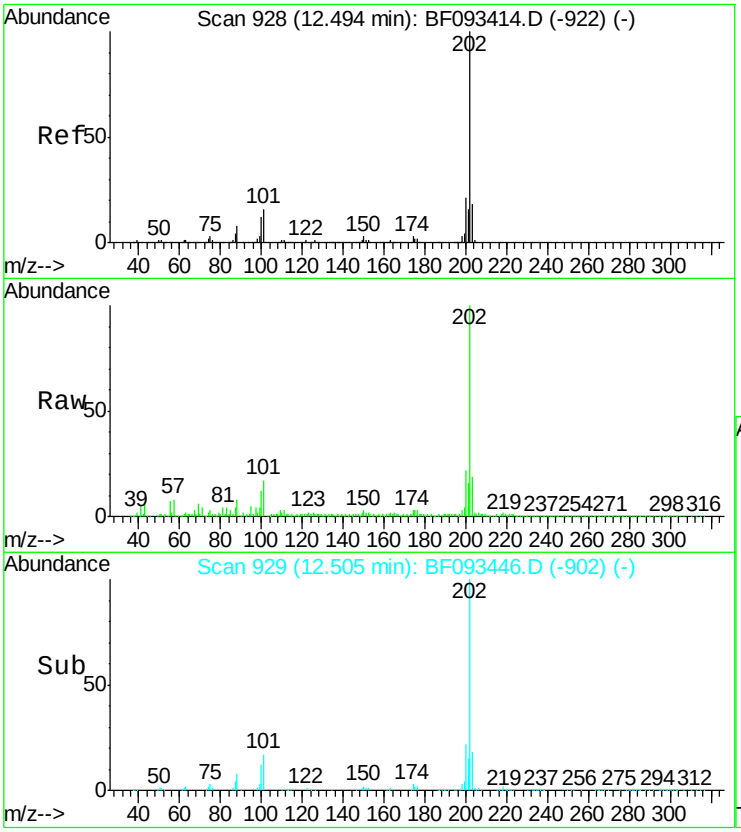


#72
Carbazole
Concen: 3.23 ng
RT: 11.53 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:167 Resp: 74149

Ion	Ratio	Lower	Upper
167	100		
166	26.6	18.2	27.2
139	22.6	11.4	17.2#



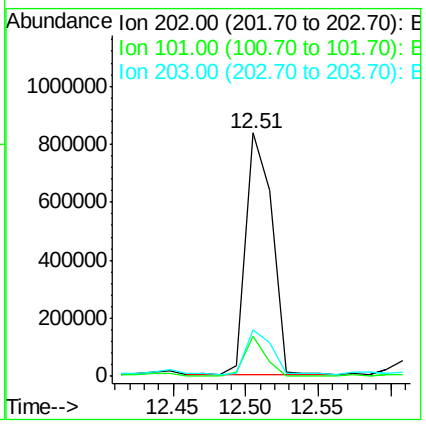


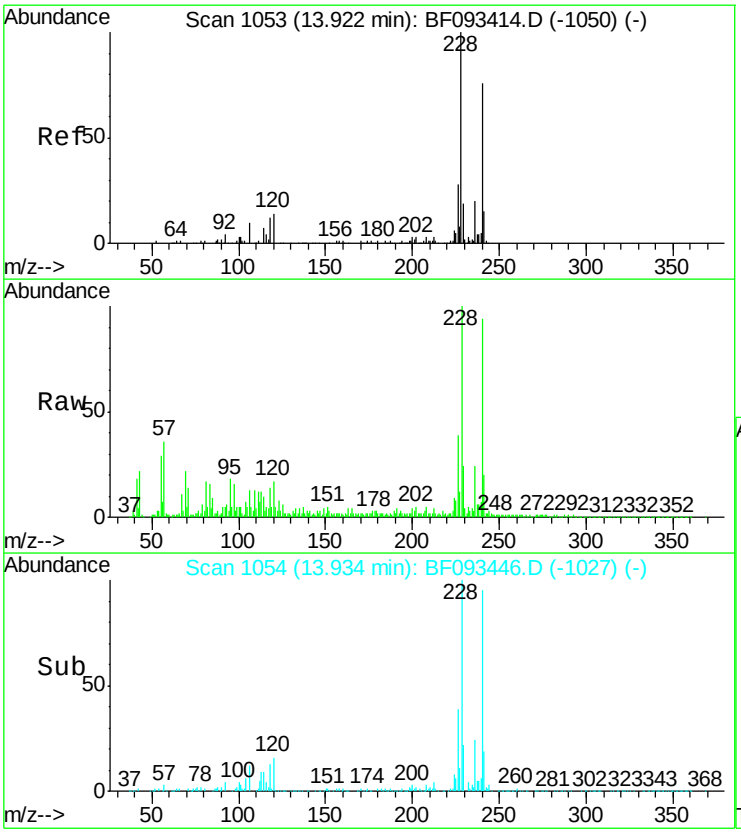
#74
Fluoranthene
Concen: 44.44 ng
RT: 12.51 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:202 Resp: 1037626

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	34.6
203	19.0	0.0	38.7

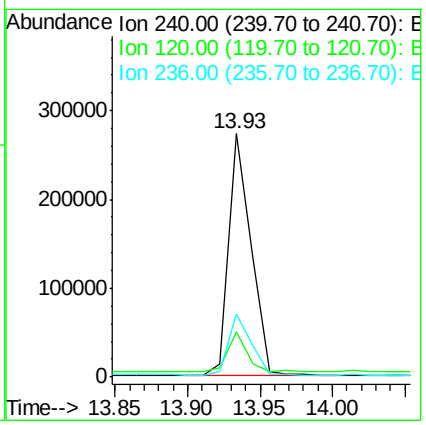


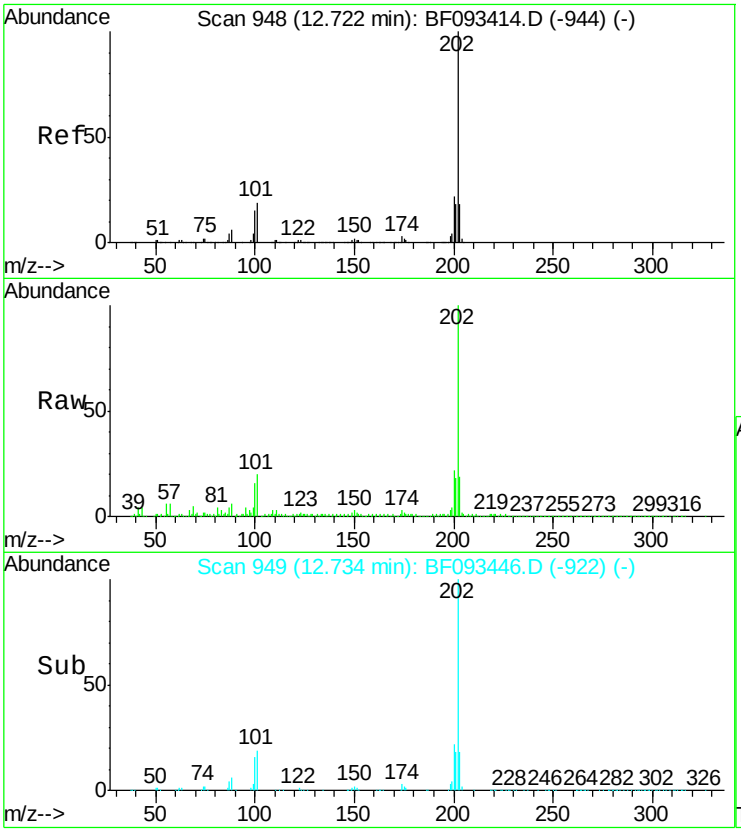


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:240 Resp: 290871

Ion	Ratio	Lower	Upper
240	100		
120	18.5	12.9	19.3
236	25.9	20.9	31.3



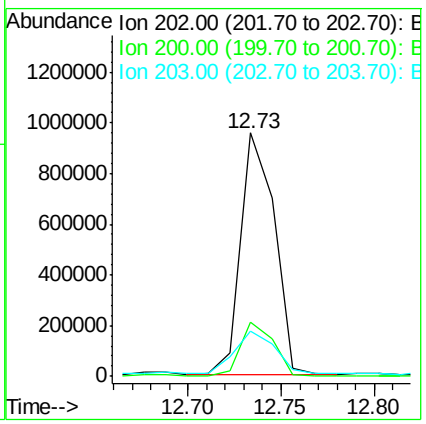


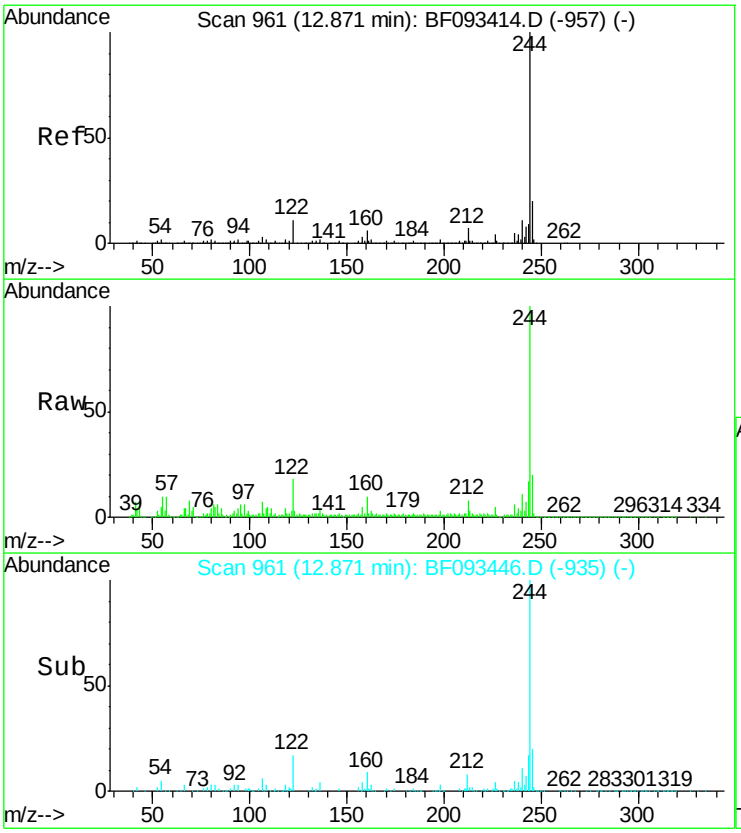
#77
Pyrene
Concen: 57.15 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:202 Resp: 1208949

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.8	14.7	22.1

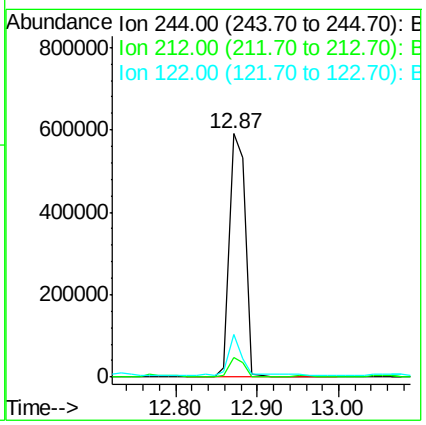


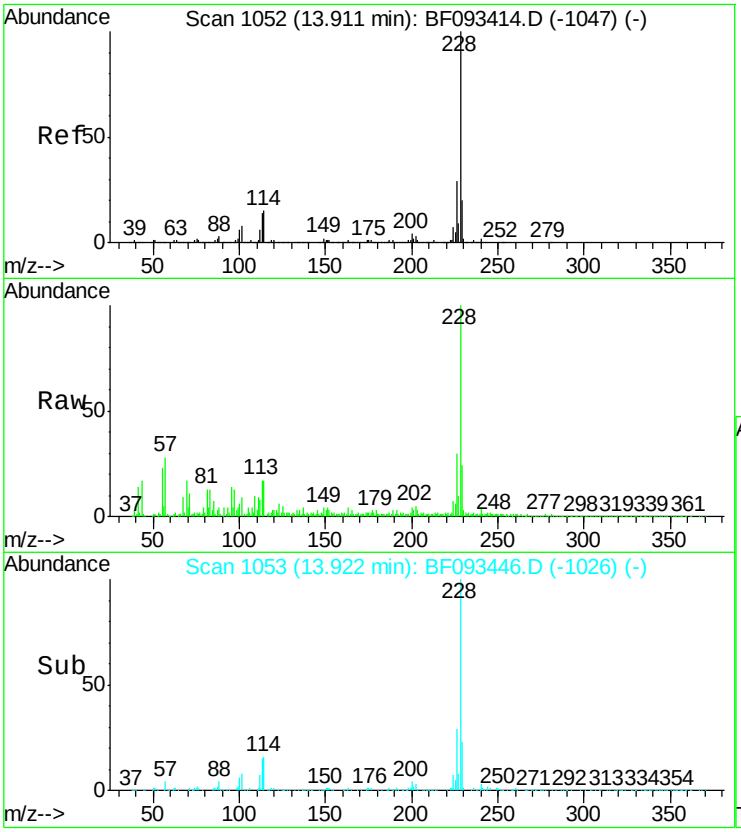


#78
Terphenyl-d14
Concen: 70.94 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:244 Resp: 793624

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	17.7	11.4	17.2#



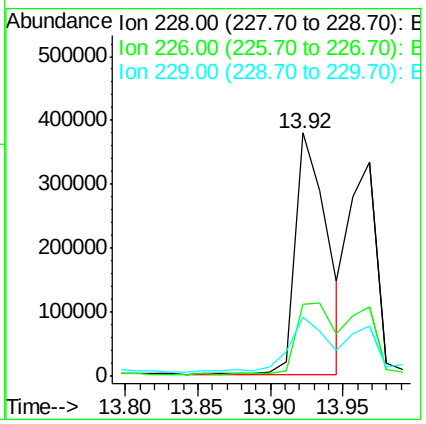


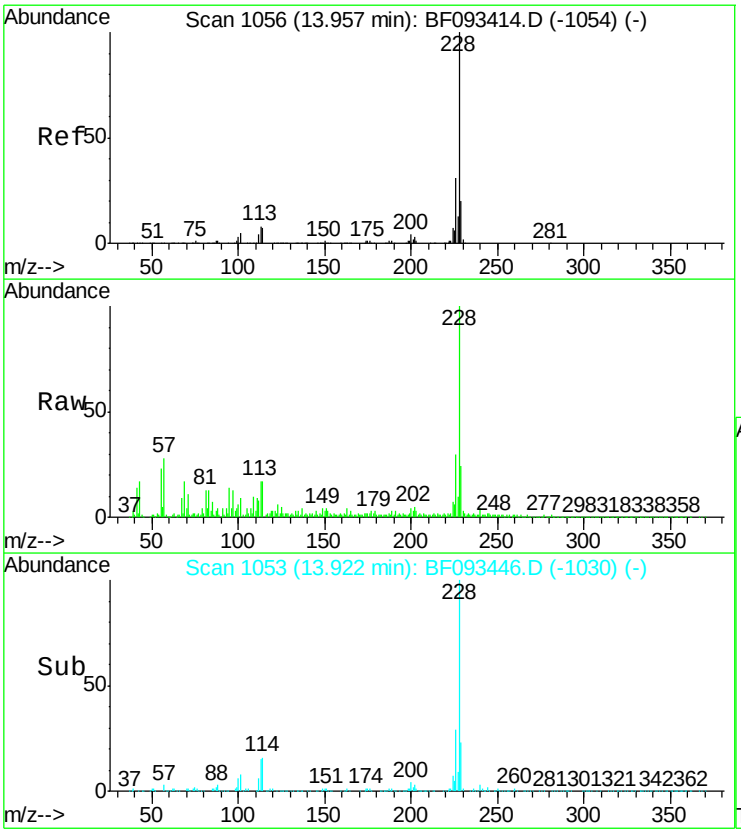
#80
Benzo(a)anthracene
Concen: 33.46 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:228 Resp: 574669

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.4	33.6
229	24.4	16.2	24.4#

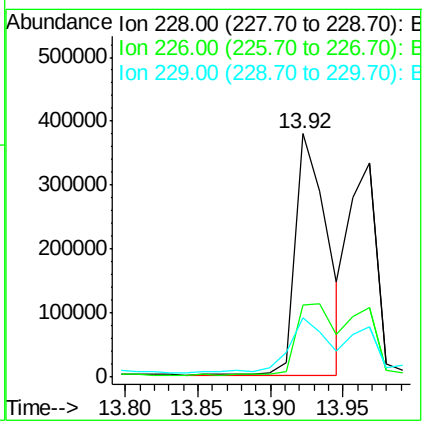


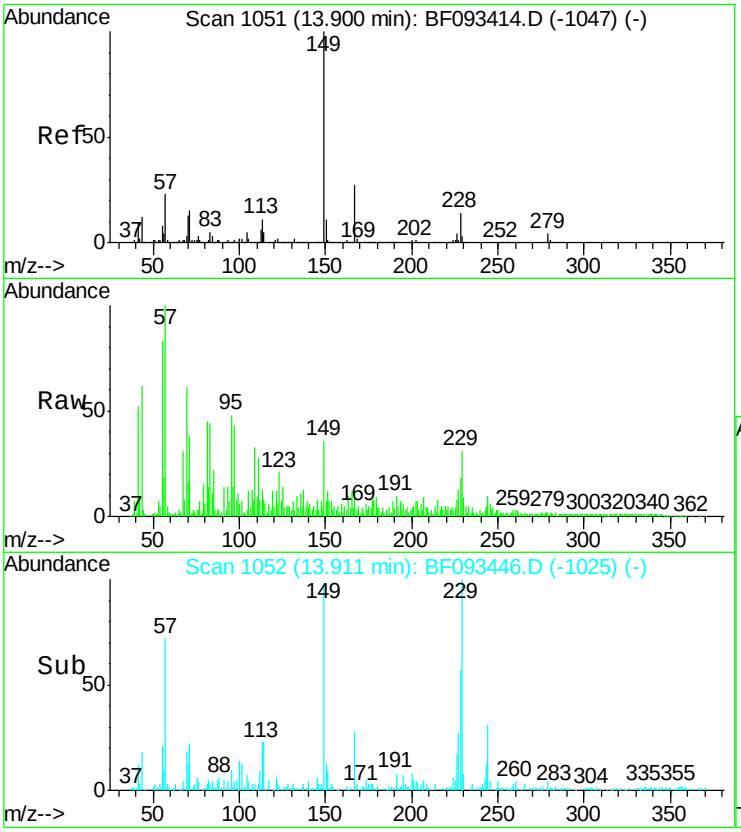


#82
Chrysene
Concen: 36.16 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.03 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:228 Resp: 574669

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	24.4	16.2	24.2#



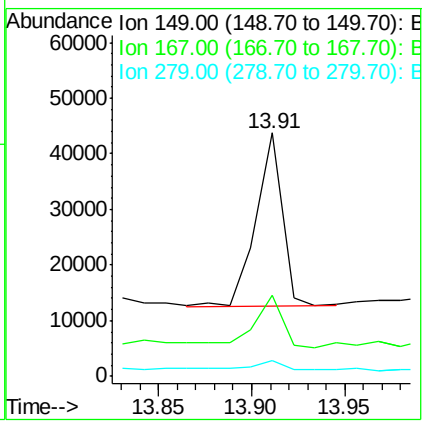


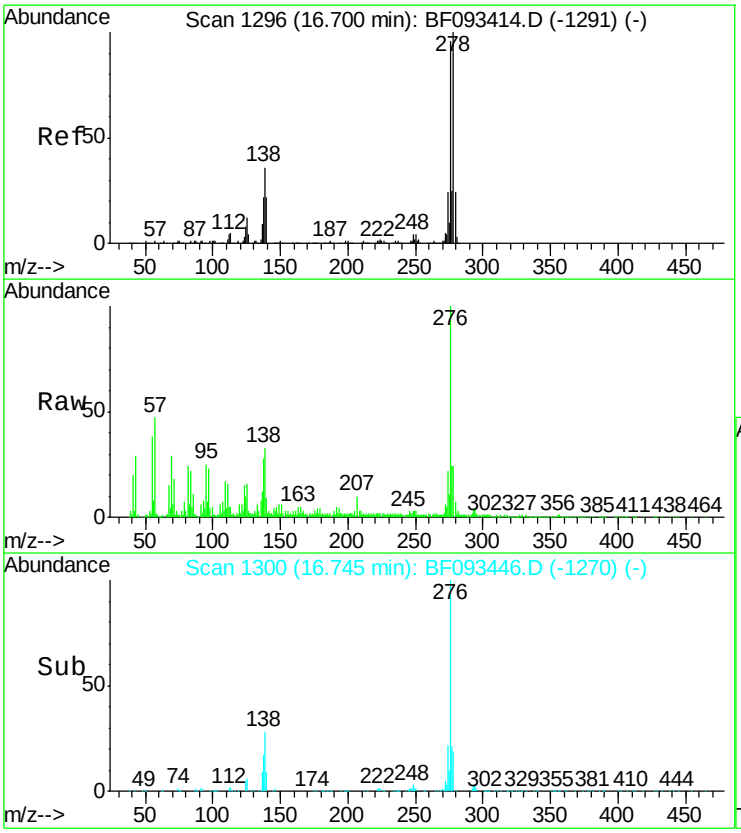
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.41 ng
RT: 13.91 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:149 Resp: 29931

Ion	Ratio	Lower	Upper
149	100		
167	33.3	20.2	30.4#
279	6.3	1.8	2.8#

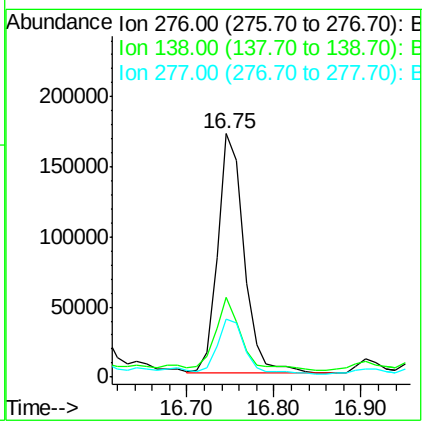


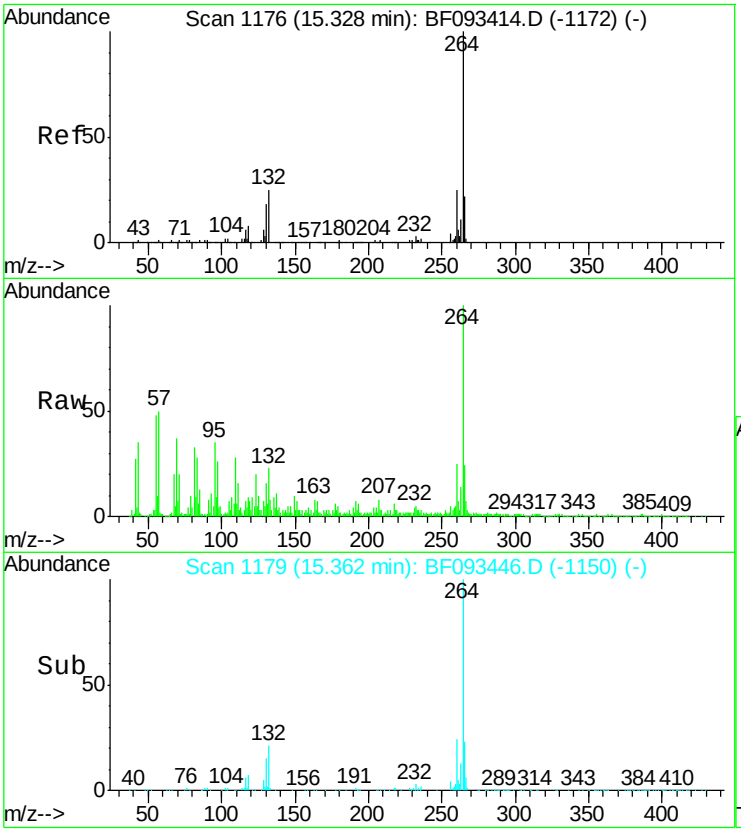


#85
Indeno(1,2,3-cd)pyrene
Concen: 27.35 ng
RT: 16.75 min Scan# 1300
Delta R.T. 0.05 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:276 Resp: 363842

Ion	Ratio	Lower	Upper
276	100		
138	31.1	21.8	32.6
277	23.8	20.2	30.4



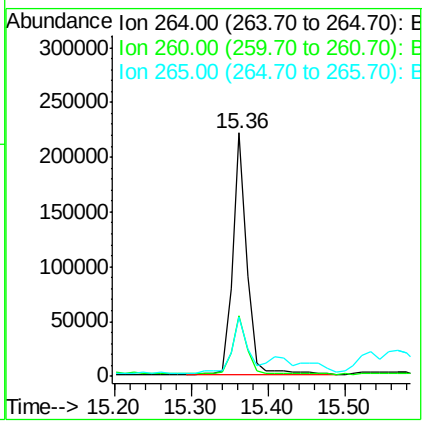


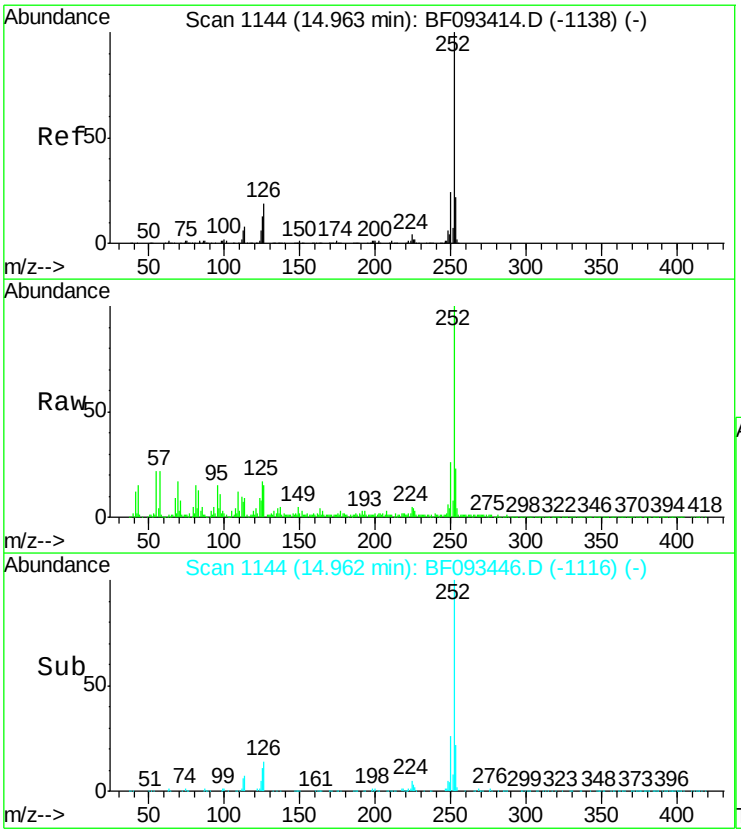
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:264 Resp: 290142

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	24.2	17.4	26.0

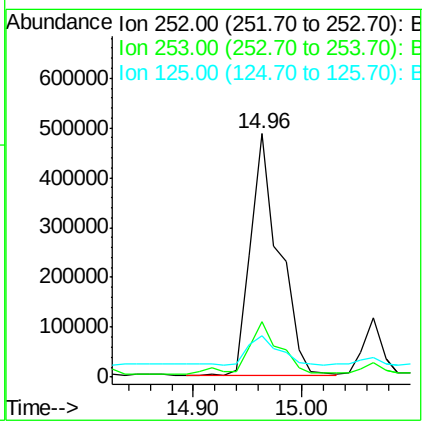


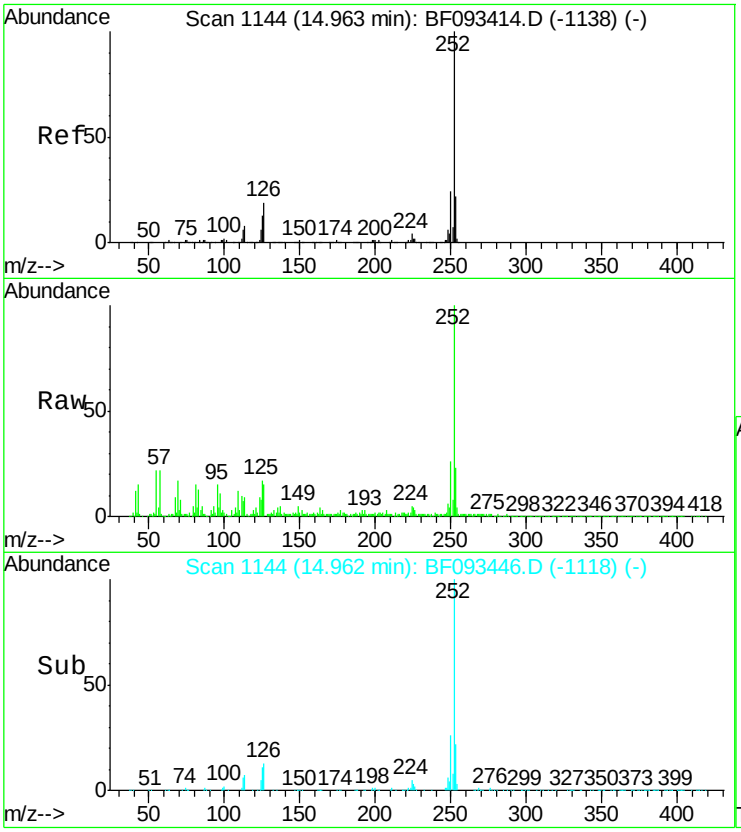


#87
Benzo(b)fluoranthene
Concen: 50.02 ng
RT: 14.96 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:252 Resp: 883804

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	16.8	9.8	14.6#



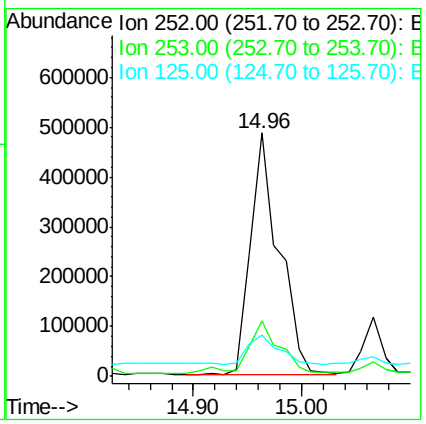


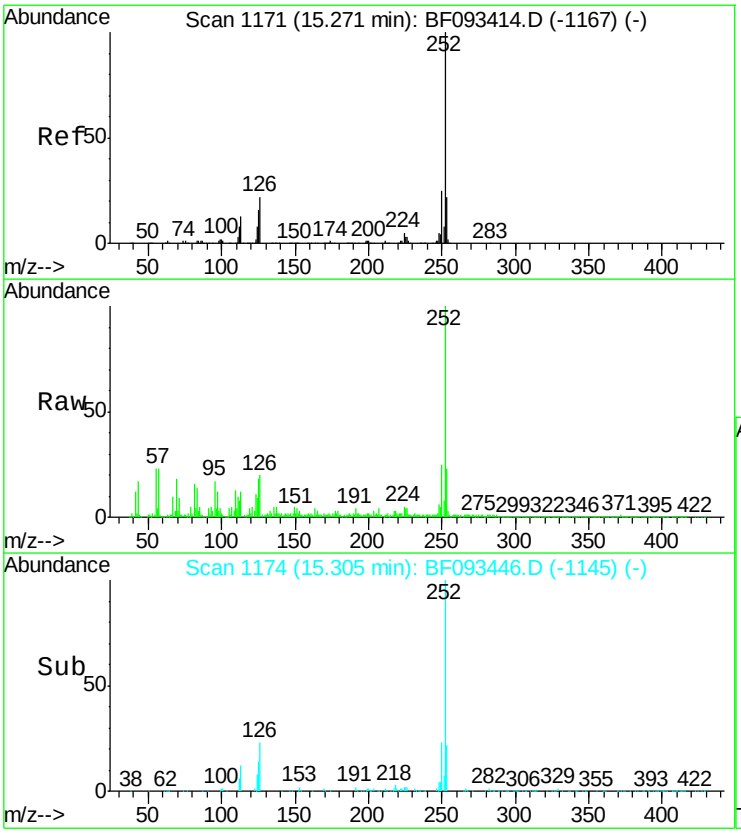
#88
Benzo(k)fluoranthene
Concen: 51.86 ng
RT: 14.96 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:252 Resp: 883804

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	16.8	8.9	13.3#

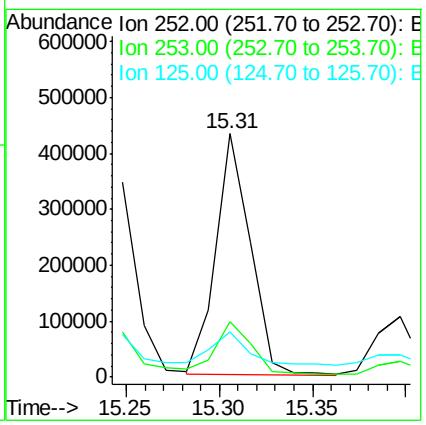


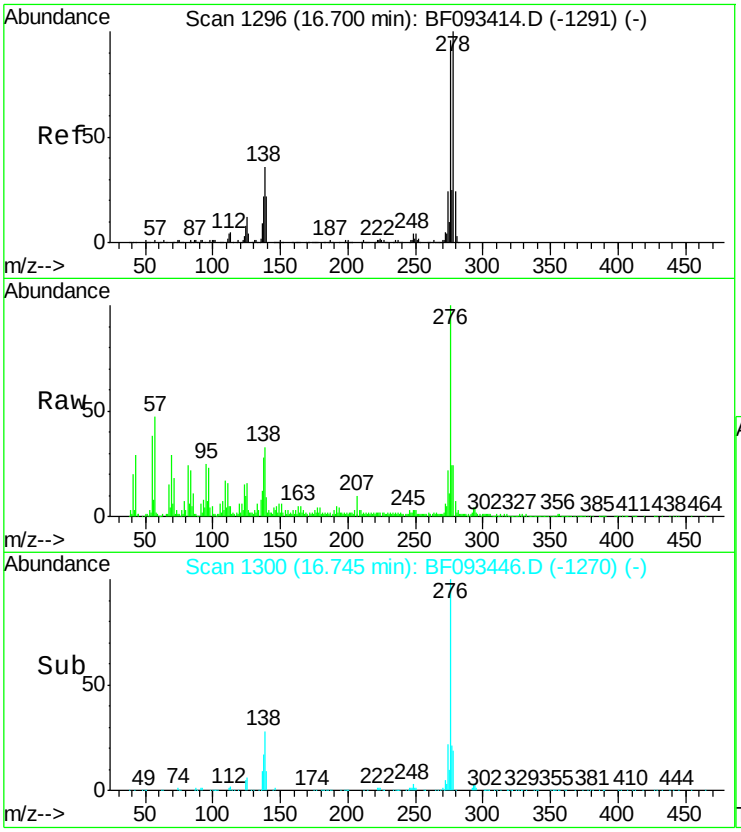


#89
Benzo(a)pyrene
Concen: 34.46 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.03 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:252 Resp: 556485

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	18.5	10.0	15.0#



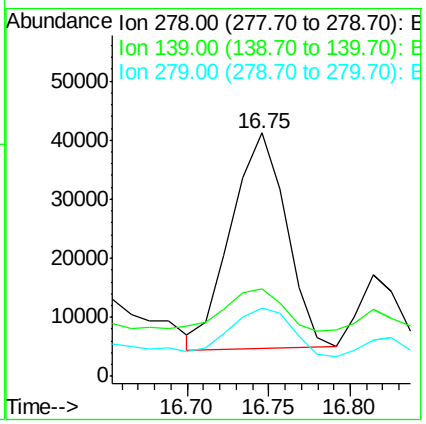


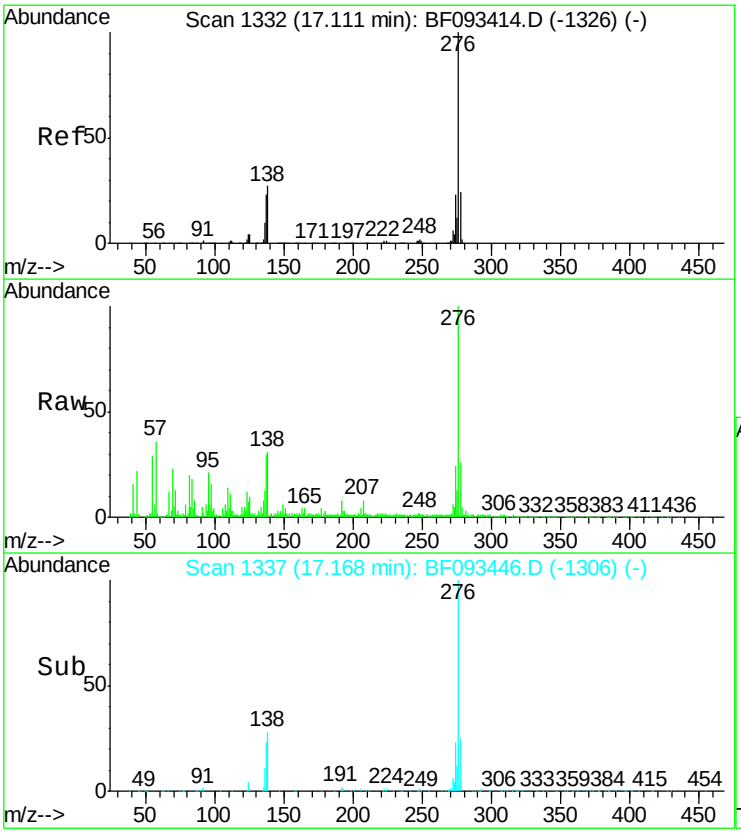
#90
Dibenzo(a,h)anthracene
Concen: 6.41 ng
RT: 16.75 min Scan# 1300
Delta R.T. 0.05 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Instrument :
BNA_F
ClientSampleId :
HY-SB414

Tgt Ion:278 Resp: 85578

Ion	Ratio	Lower	Upper
278	100		
139	36.1	14.8	22.2#
279	27.9	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 30.71 ng
RT: 17.17 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:276 Resp: 421109

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.2	28.8
138	30.7	16.0	24.0#