Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093448.D
Acq On : 9 Mar 2017 00:18
Operator : SJ/MA
Sample : I2106-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB413B

Quant Time: Mar 09 00:43:30 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	173445	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	568605	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	236416	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	322145	20.00	ng		0.01
75) Chrysene-d12	13.95	240	249262	20.00	ng		0.02
86) Perylene-d12	15.37	264	244117	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	851500	81.71	ng		0.01
7) Phenol-d6	6.42	99	1179249	89.73	ng		0.01
23) Nitrobenzene-d5	7.34	82	699003	68.21	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	121933	79.16	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	888940	69.94	ng		0.00
78) Terphenyl-d14	12.88	244	451542	47.10	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.44	94	71022	4.41	ng		79
19) n-Nitroso-di-n-propylamine	7.34	70	99619	11.03	ng	#	81
25) Isophorone	7.34	82	616243	29.82	ng	#	65
31) Naphthalene	8.08	128	655283	23.00	ng		98
32) Benzoic acid	7.88	122	17681	3.98	ng	#	25
33) 4-Chloroaniline	8.08	127	88209	7.63	ng	#	41
37) 2-Methylnaphthalene	8.77	142	200830	11.08	ng		97
45) 1,1'-Biphenyl	9.24	154	93123	5.41	ng		97
48) Acenaphthylene	9.67	152	54923	2.53	ng		93
49) Dimethylphthalate	9.53	163	95276	6.08	ng		99
51) Acenaphthene	9.84	154	197367	15.35	ng		97
54) Dibenzofuran	10.01	168	412458	25.63	ng		94
55) 4-Nitrophenol	10.01	139	144519	72.01	ng	#	10
57) Fluorene	10.36	166	292512	21.45	ng		97
70) Phenanthrene	11.33	178	909401	49.46	ng		98
71) Anthracene	11.37	178	451642	24.28	ng		99
72) Carbazole	11.53	167	81138	4.64	ng	#	85
74) Fluoranthene	12.52	202	1185944	66.77	ng		100
77) Pyrene	12.74	202	1060500	58.50	ng		99
80) Benzo(a)anthracene	13.95	228	509672	34.62	ng	#	93
82) Chrysene	13.95	228	509672	37.42	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.76	276	151842	13.32	ng		99
87) Benzo(b)fluoranthene	14.97	252	602480	40.52	ng	#	89
88) Benzo(k)fluoranthene	14.97	252	602480	42.02	ng	#	89
89) Benzo(a)pyrene	15.32	252	288992	21.27	ng	#	85
90) Dibenzo(a,h)anthracene	16.76	278	39847	3.54	ng	#	31
91) Benzo(g,h,i)perylene	17.18	276	140493	12.18	ng	#	84

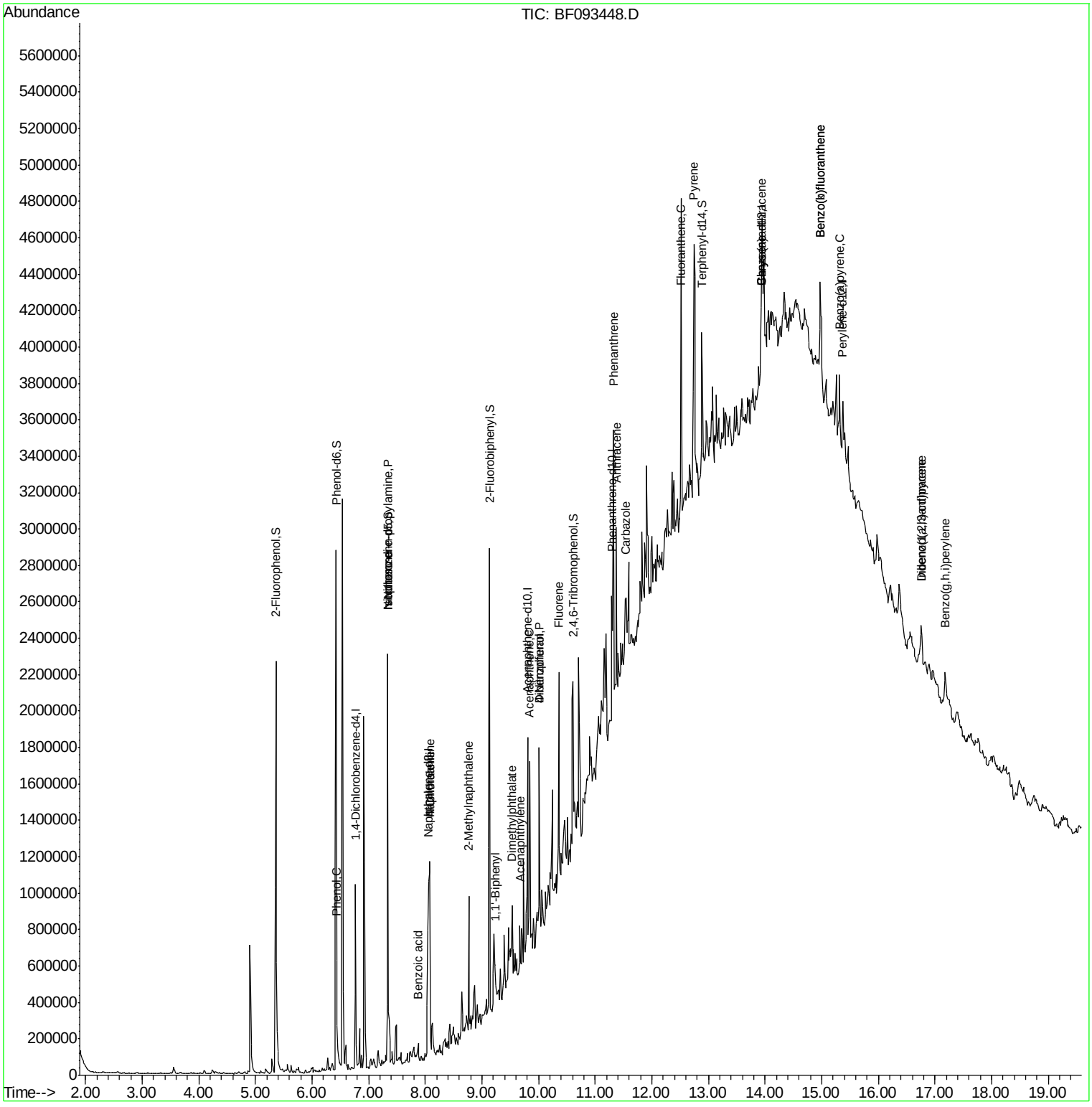
(#) = qualifier out of range (m) = manual integration (+) = signals summed

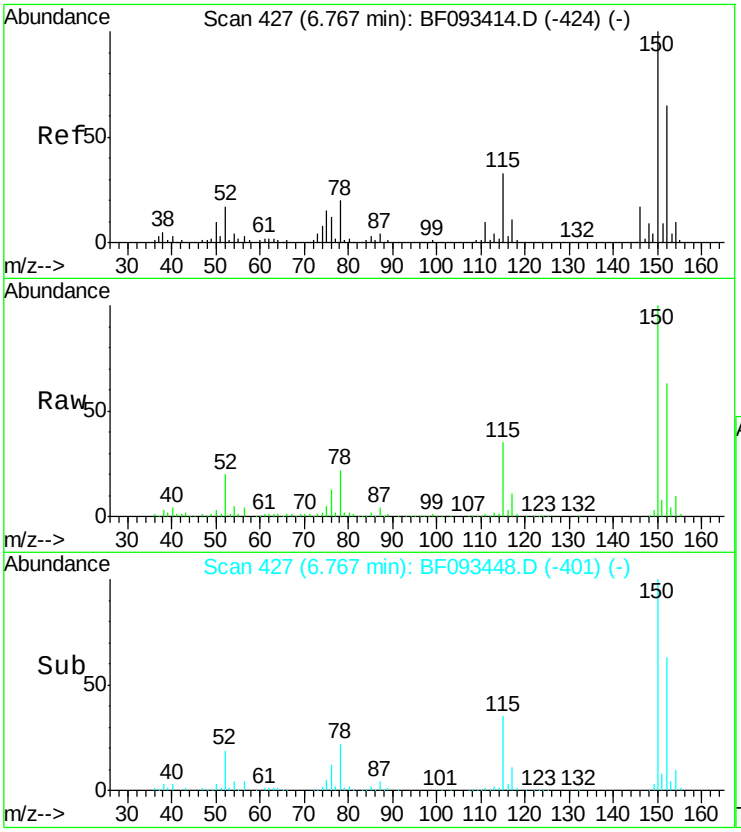
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093448.D
Acq On : 9 Mar 2017 00:18
Operator : SJ/MA
Sample : I2106-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB413B

Quant Time: Mar 09 00:43:30 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



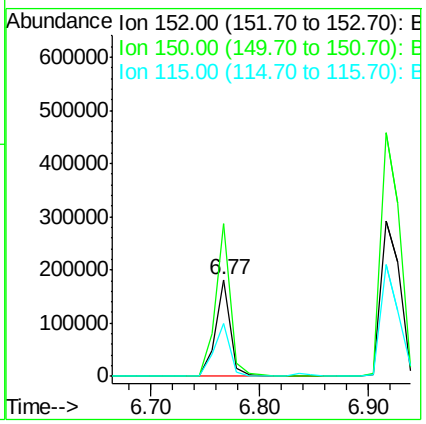


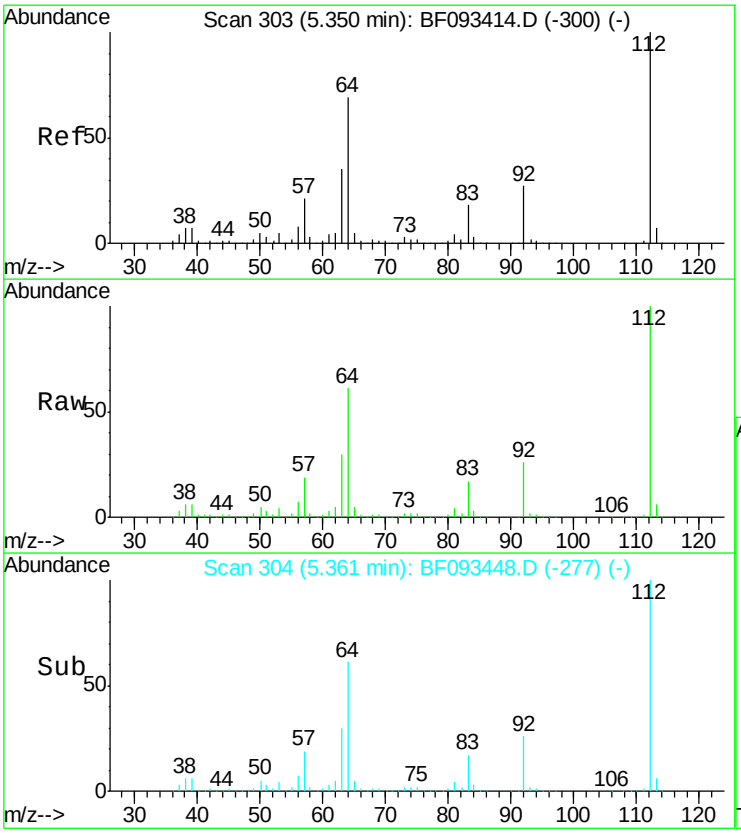
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:152 Resp: 173445

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.9	187.3
115	54.9	46.0	69.0

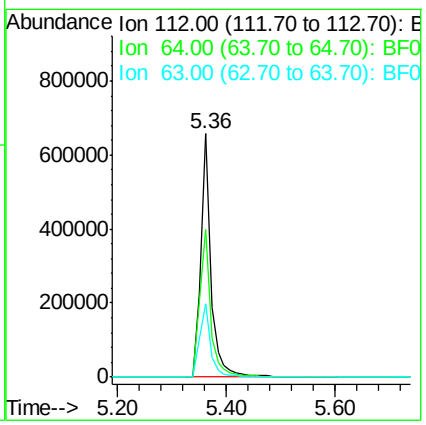


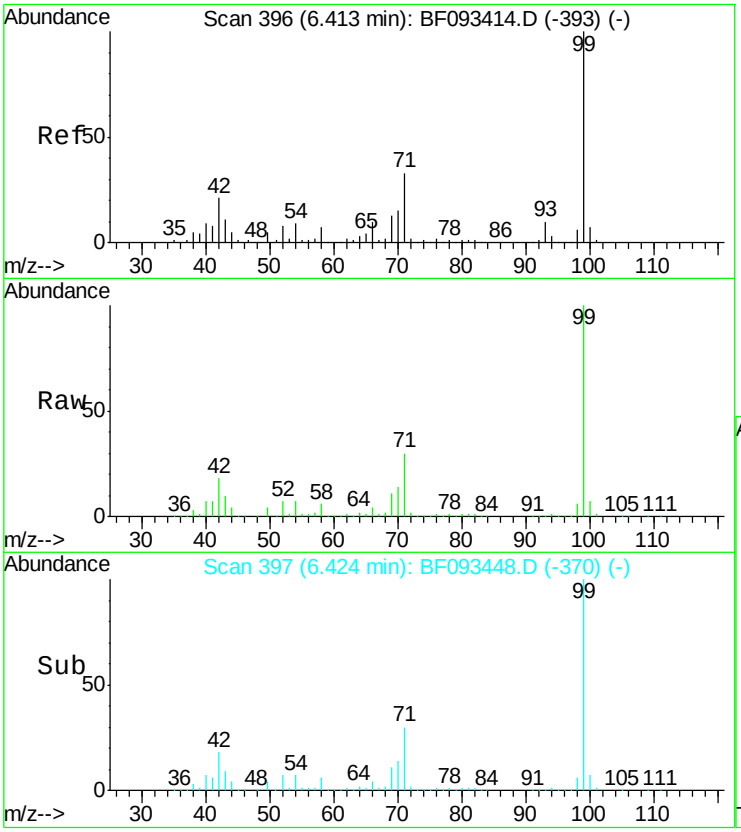


#5
2-Fluorophenol
Concen: 81.71 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:112 Resp: 851500

Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.1	69.1
63	30.2	23.8	35.6



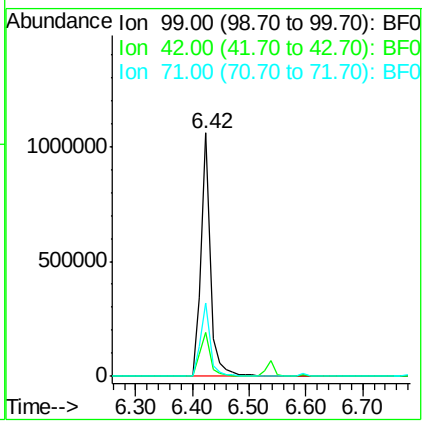


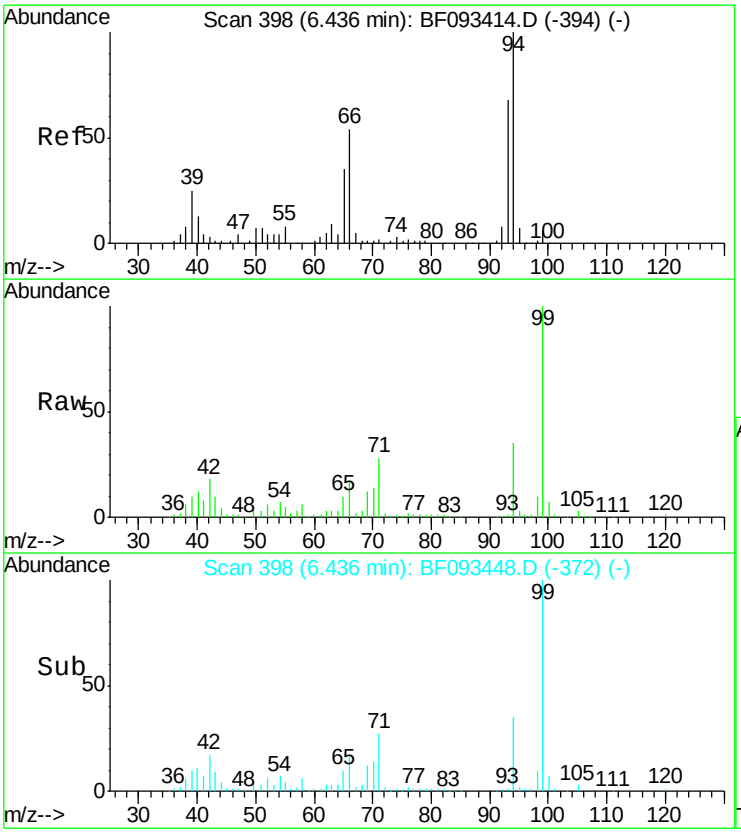
#7
Phenol-d6
Concen: 89.73 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion: 99 Resp: 1179249

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	30.1	27.5	41.3

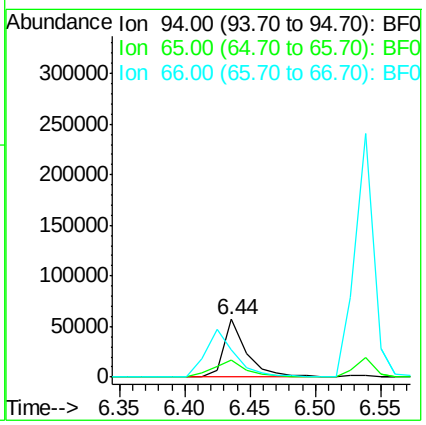


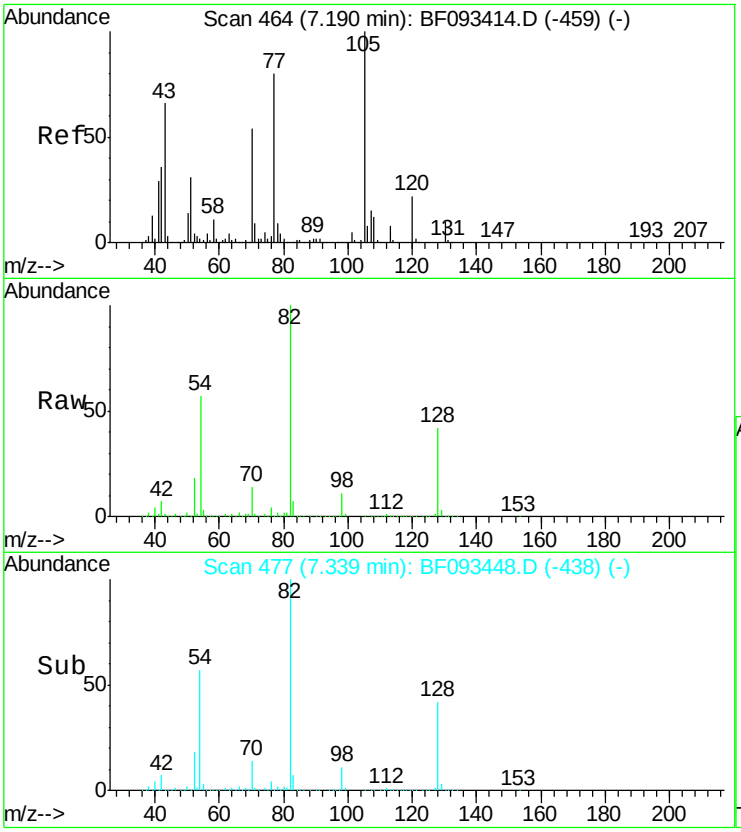


#10
Phenol
Concen: 4.41 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion: 94 Resp: 71022

Ion	Ratio	Lower	Upper
94	100		
65	28.8	21.4	61.4
66	47.1	44.0	84.0



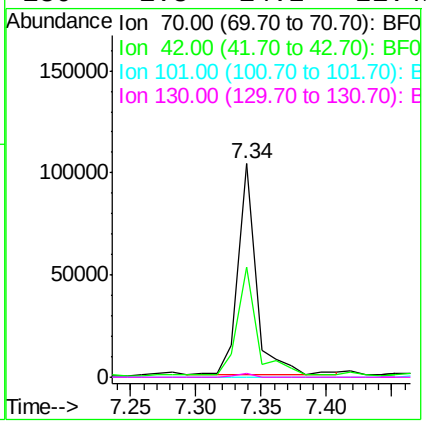


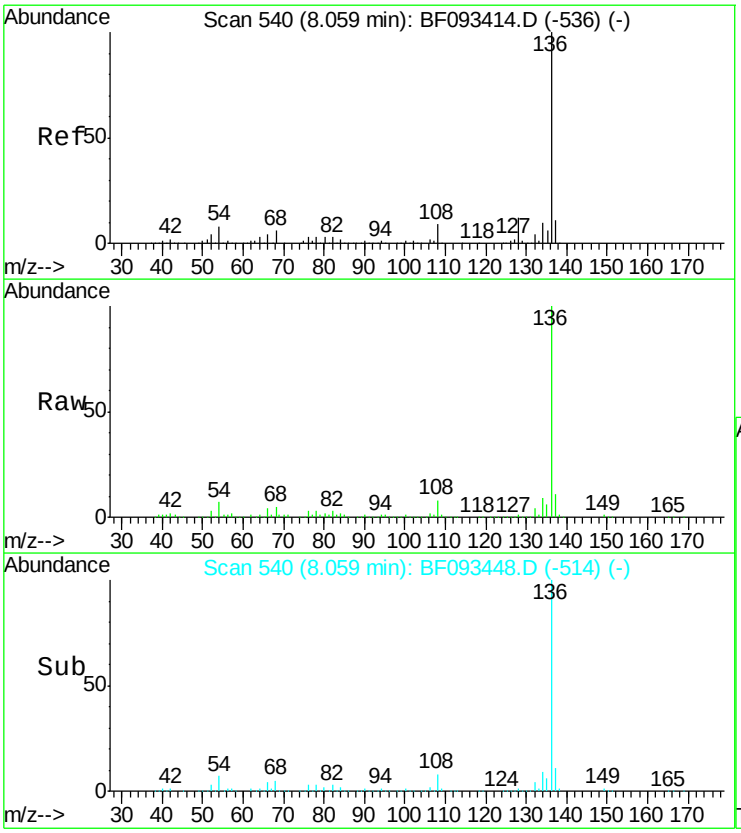
#19
n-Nitroso-di-n-propylamine
Concen: 11.03 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion: 70 Resp: 99619

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#

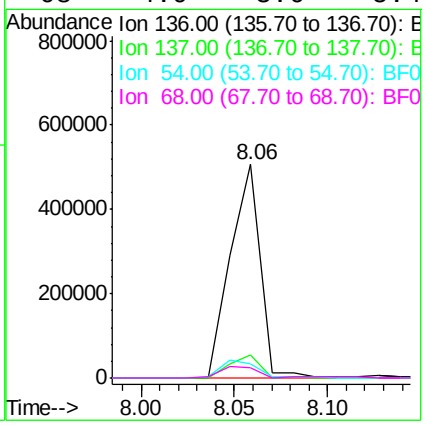


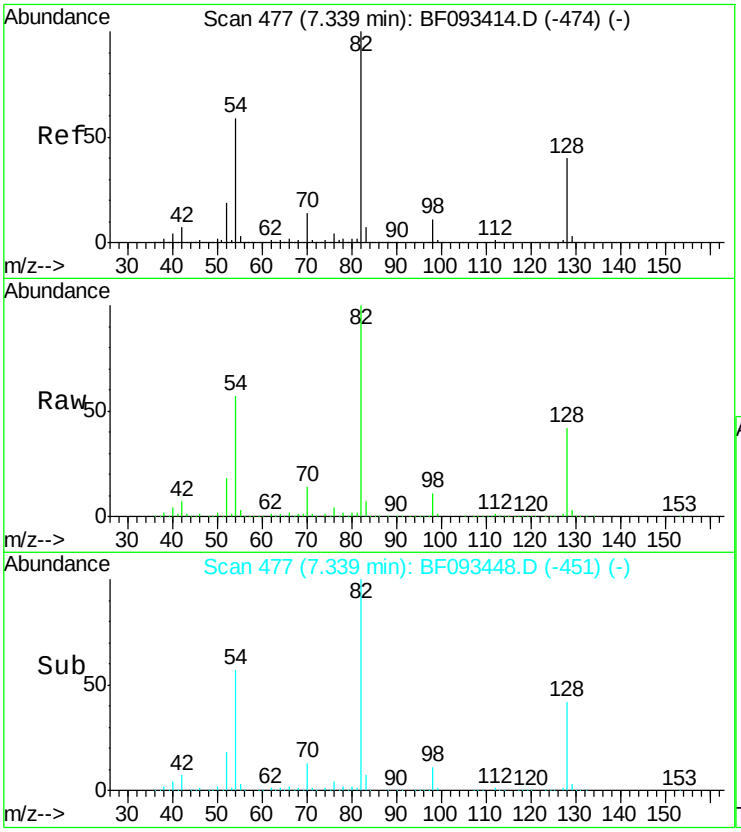


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:136 Resp: 568605

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.9	4.5	6.7#
68	4.9	3.6	5.4



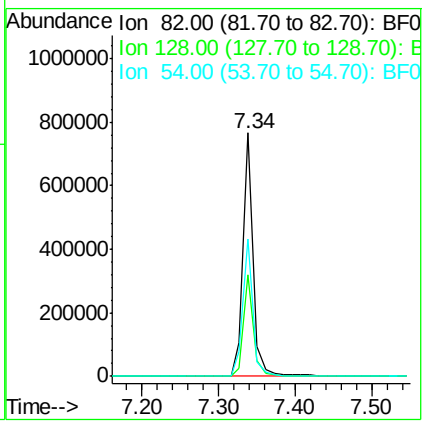


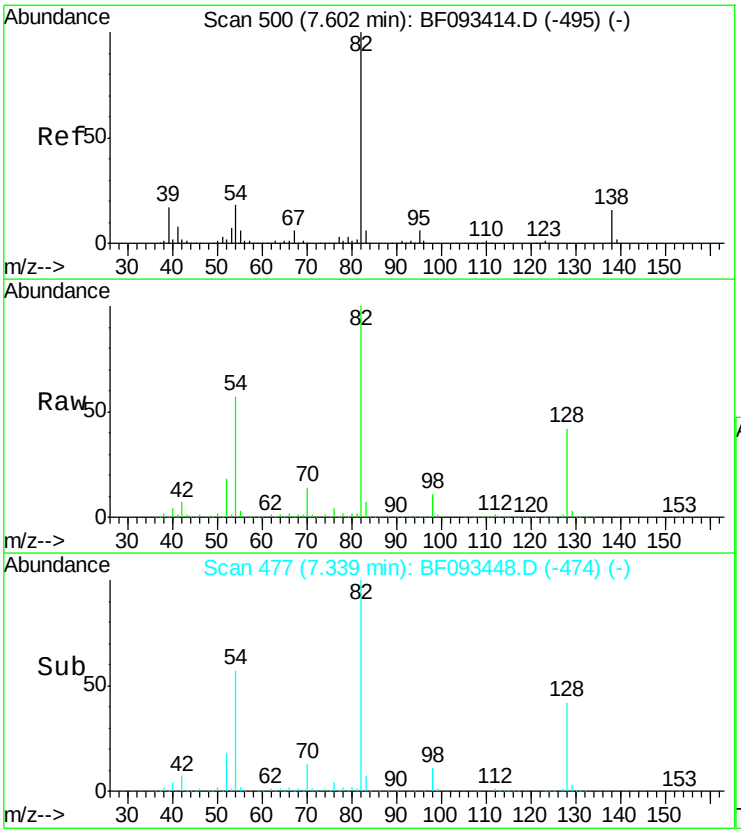
#23
Nitrobenzene-d5
Concen: 68.21 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion: 82 Resp: 699003

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	56.7	39.5	59.3

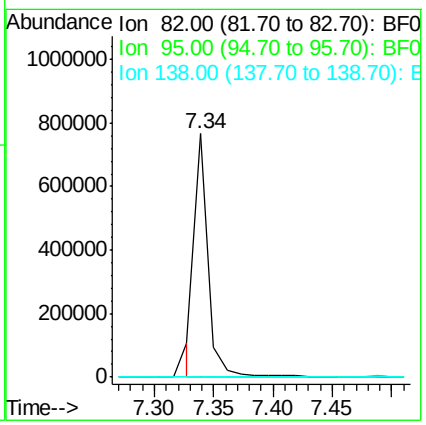


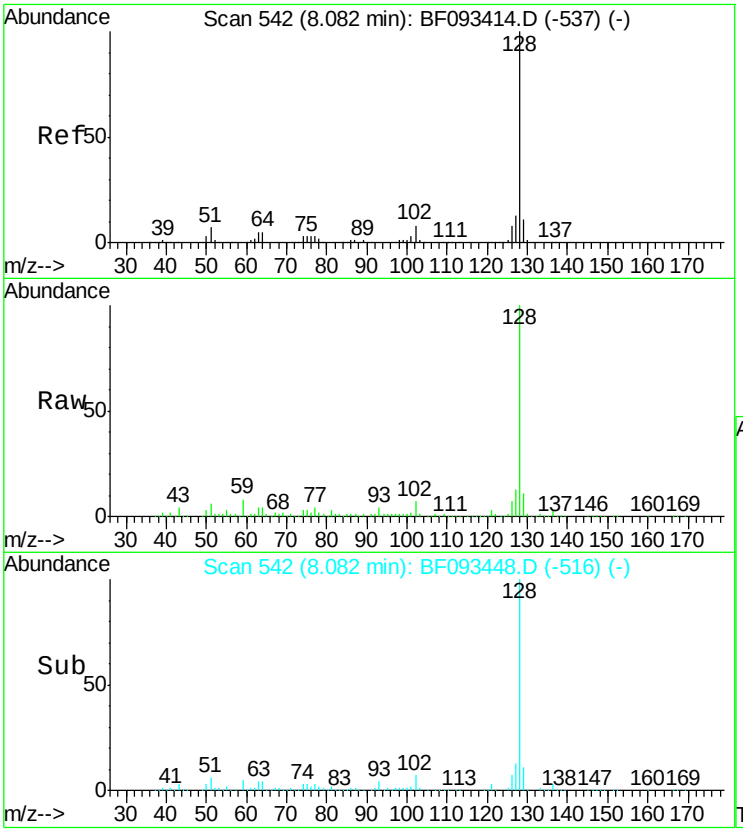


#25
Isophorone
Concen: 29.82 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion: 82 Resp: 616243

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



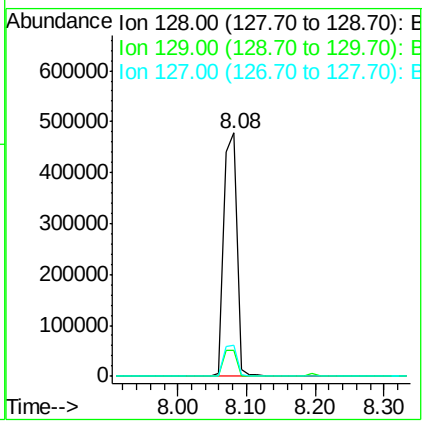


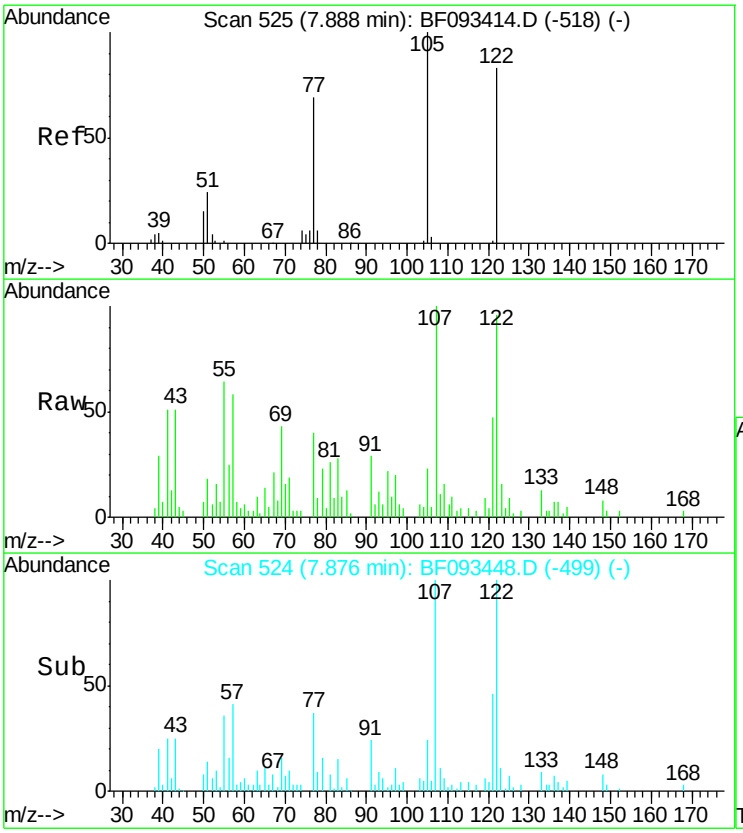
#31
Naphthalene
Concen: 23.00 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:128 Resp: 655283

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	12.9	10.8	16.2

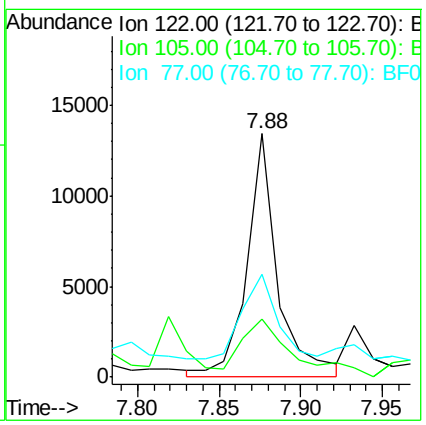


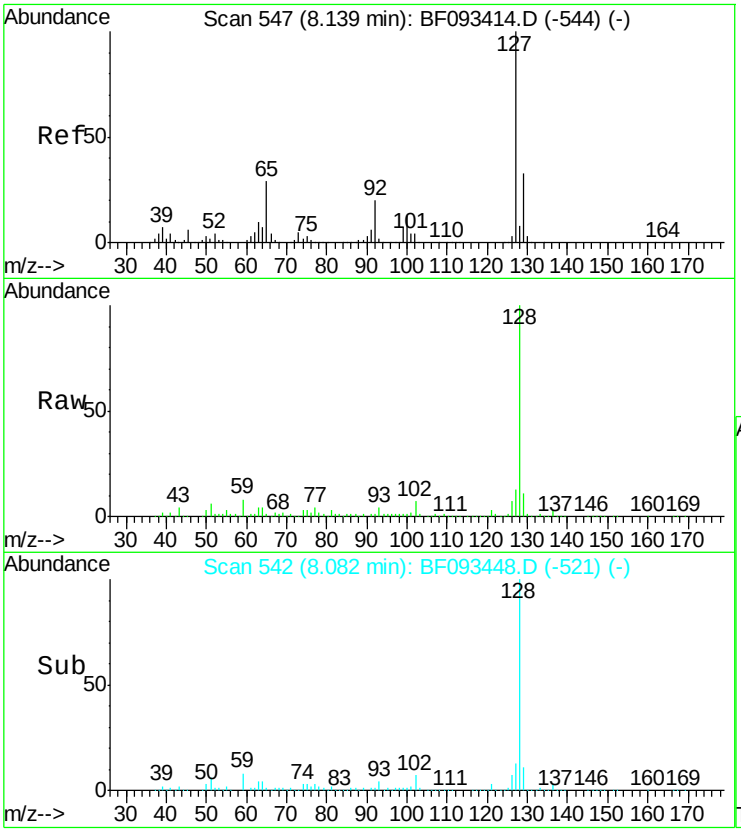


#32
Benzoic acid
Concen: 3.98 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:122 Resp: 17681

Ion	Ratio	Lower	Upper
122	100		
105	23.6	107.2	147.2#
77	42.1	74.5	114.5#



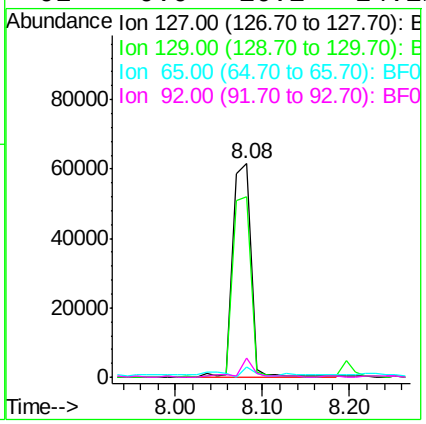


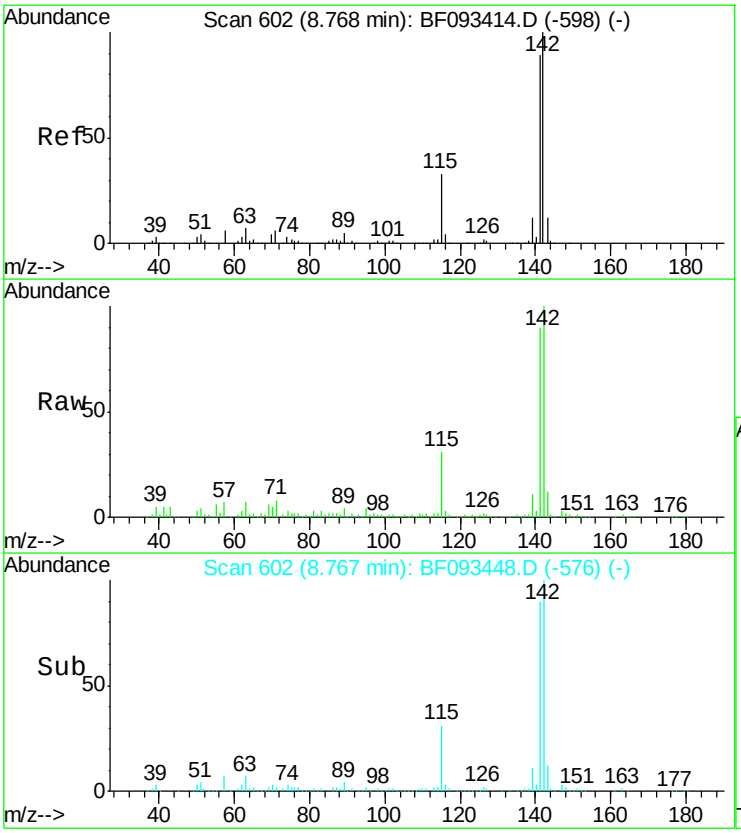
#33
4-Chloroaniline
Concen: 7.63 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:127 Resp: 88209

Ion	Ratio	Lower	Upper
127	100		
129	84.4	26.3	39.5#
65	5.0	25.8	38.8#
92	9.0	16.1	24.1#

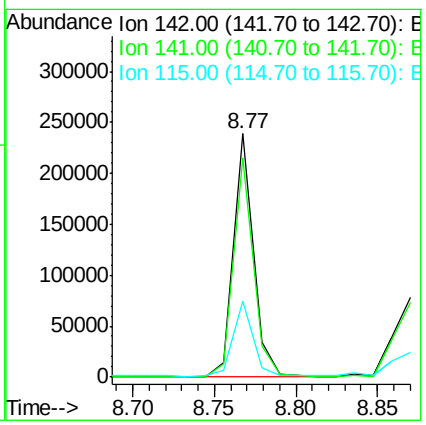


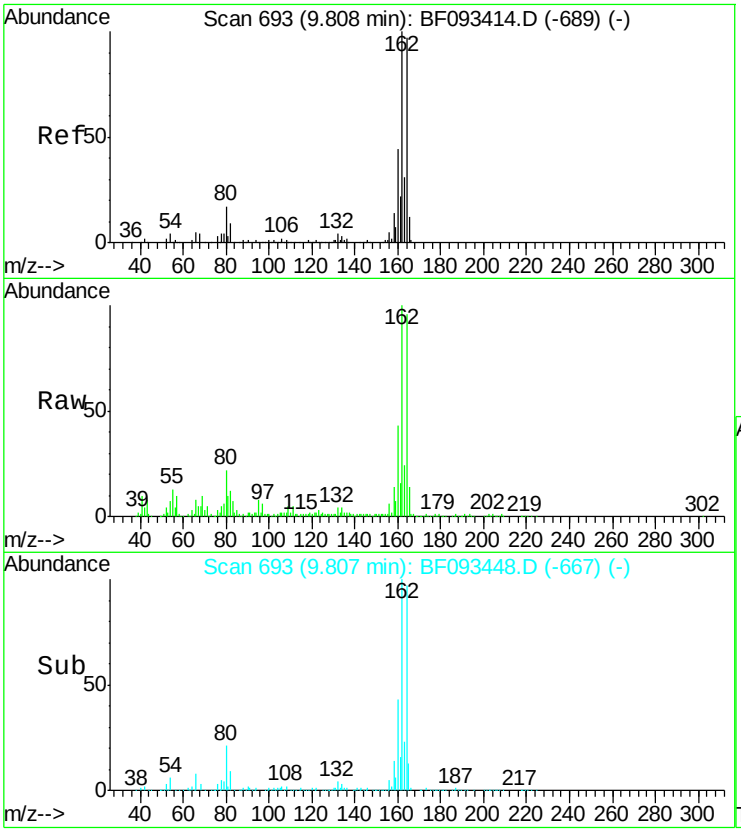


#37
2-Methylnaphthalene
Concen: 11.08 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:142 Resp: 200830

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	31.2	28.3	42.5



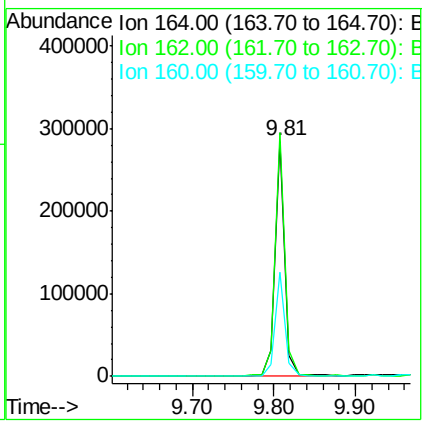


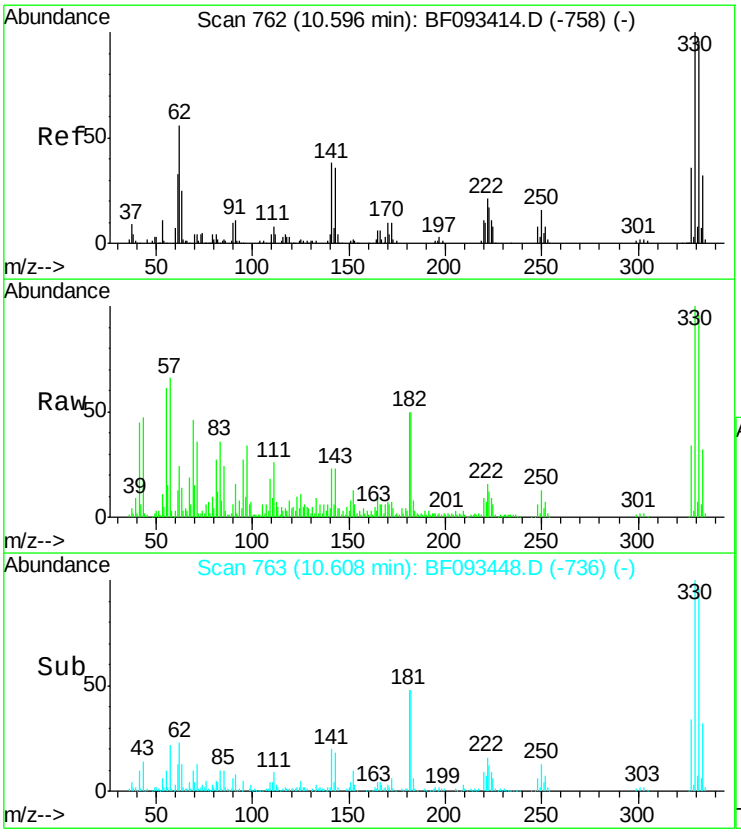
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:164 Resp: 236416

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.2	120.2
160	44.2	36.9	55.3

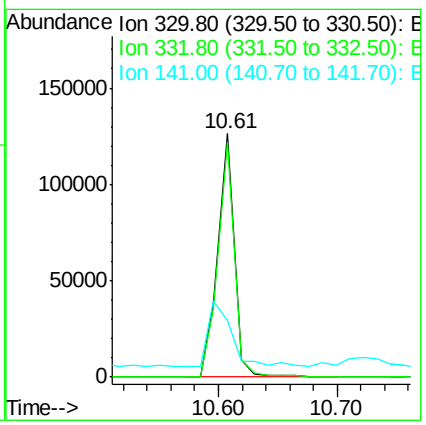


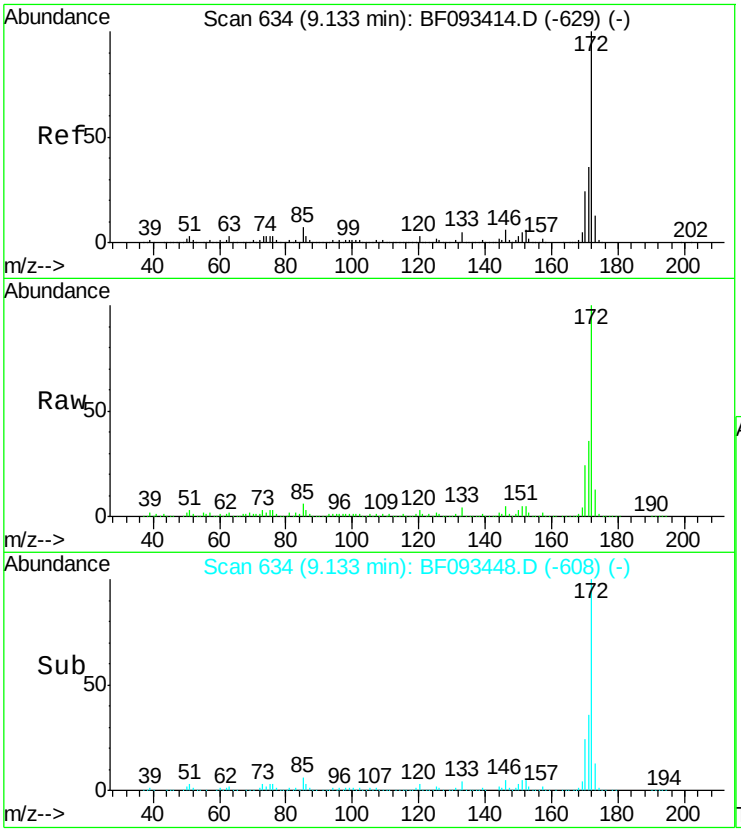


#41
2,4,6-Tribromophenol
Concen: 79.16 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:330 Resp: 121933

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.3	34.1	51.1



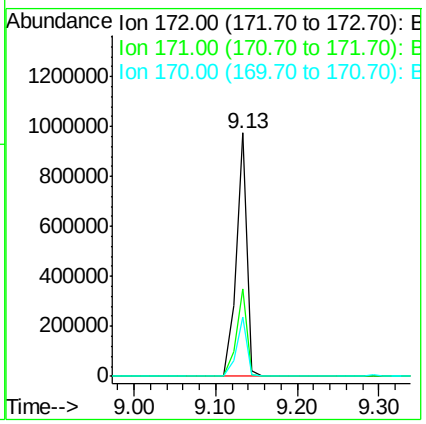


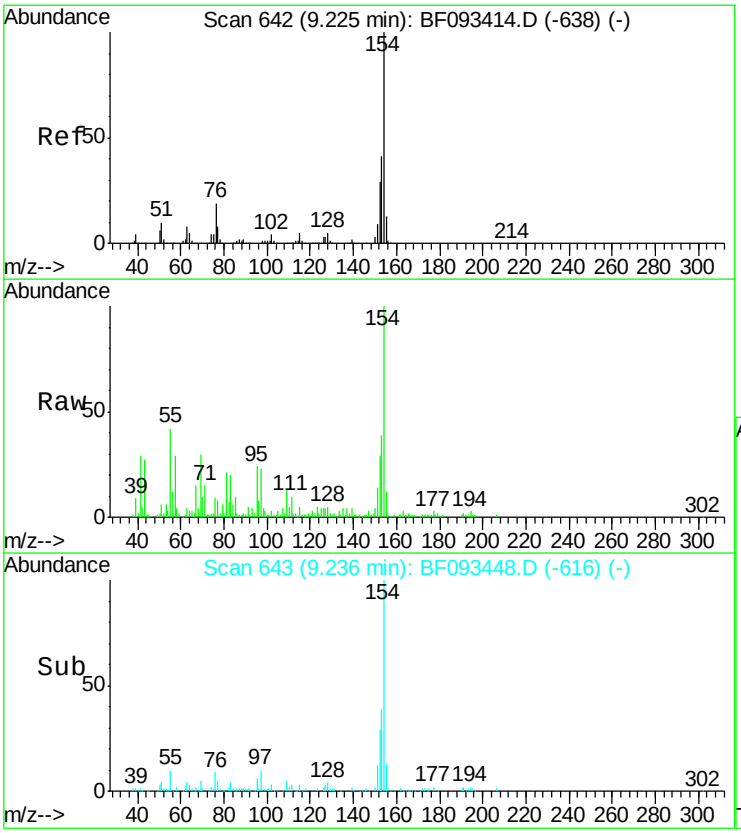
#44
2-Fluorobiphenyl
Concen: 69.94 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:172 Resp: 888940

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	20.2	30.4

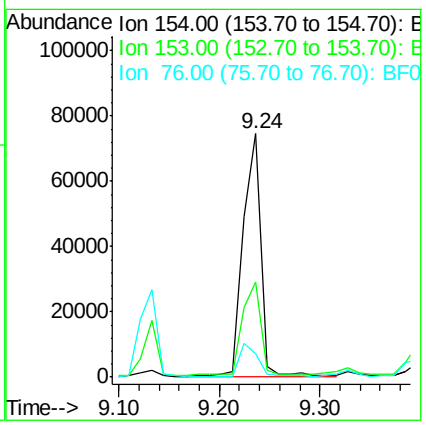


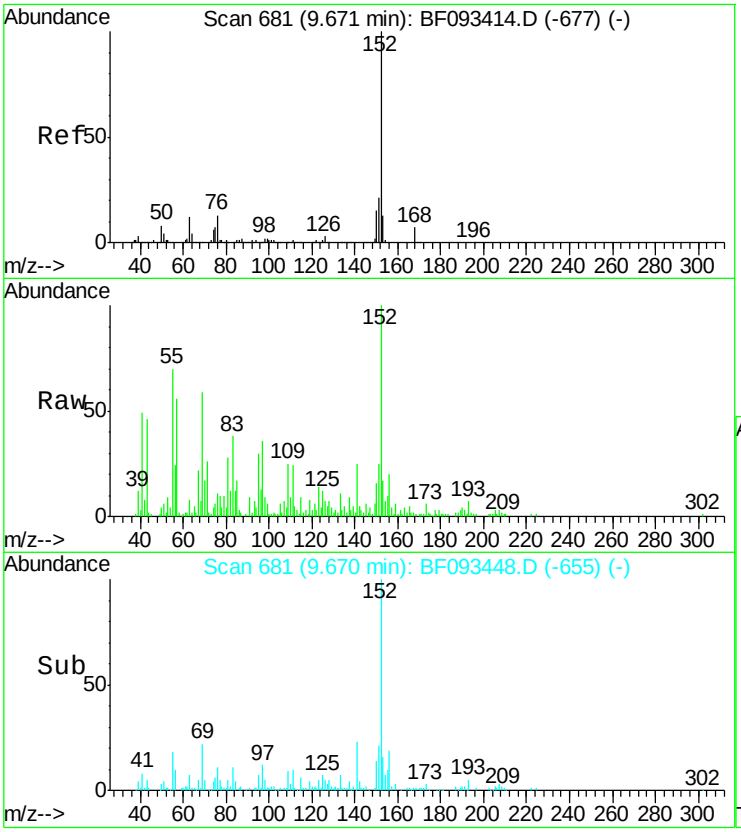


#45
1,1'-Biphenyl
Concen: 5.41 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:154 Resp: 93123

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.9	60.9
76	9.4	0.0	30.5



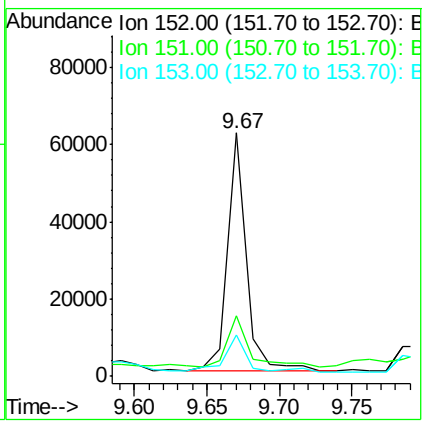


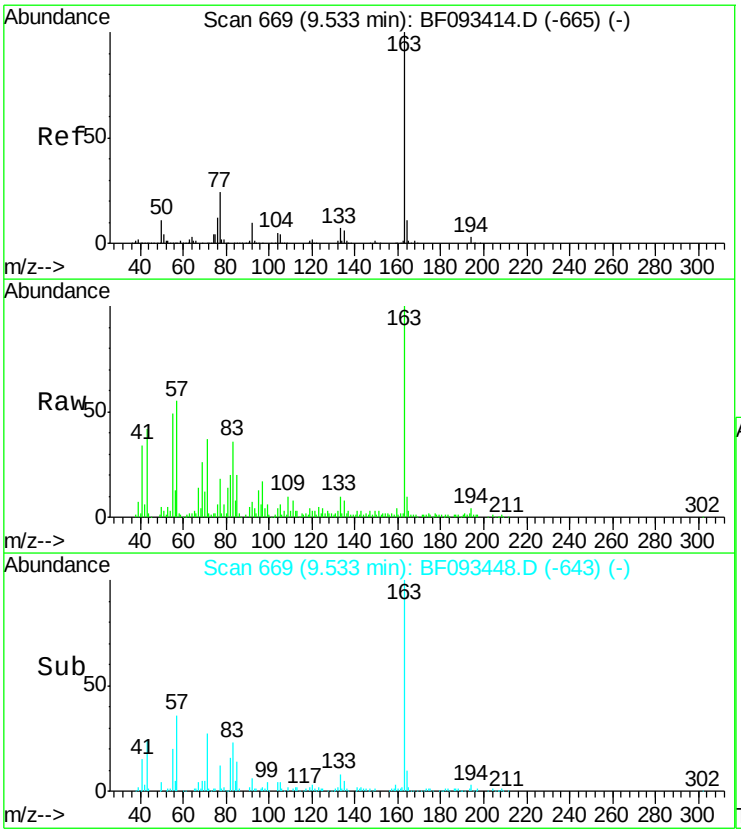
#48
Acenaphthylene
Concen: 2.53 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:152 Resp: 54923

Ion	Ratio	Lower	Upper
152	100		
151	25.0	16.9	25.3
153	16.9	11.4	17.2

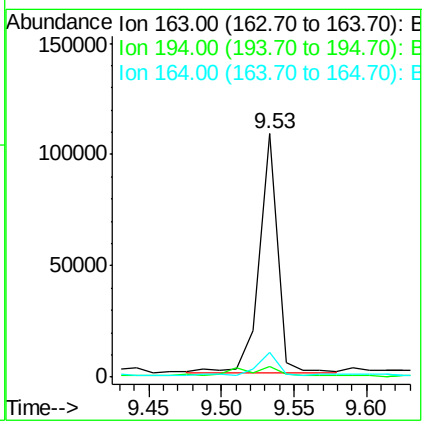


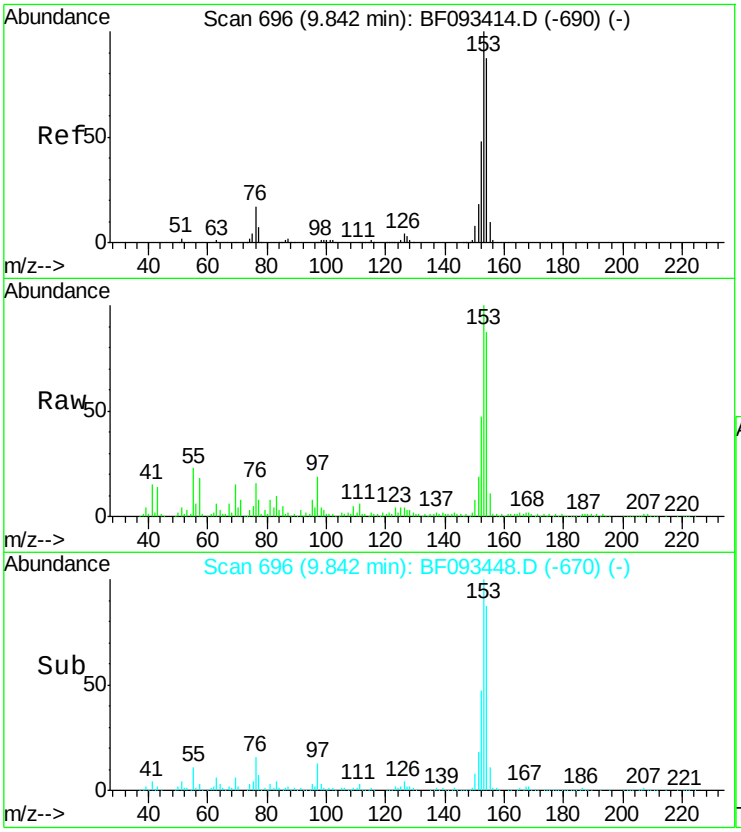


#49
Dimethylphthalate
Concen: 6.08 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:163 Resp: 95276

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.1	8.0	12.0



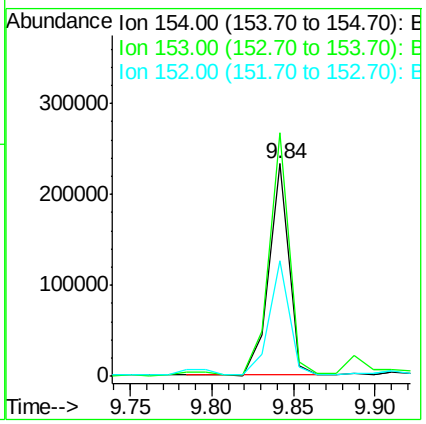


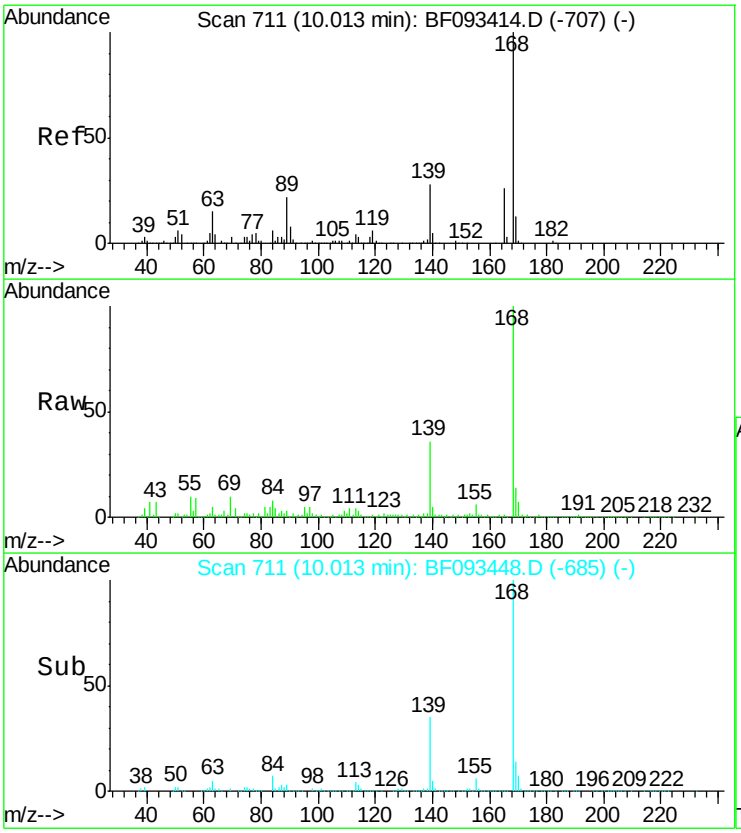
#51
Acenaphthene
Concen: 15.35 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:154 Resp: 197367

Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	54.3	41.6	62.4

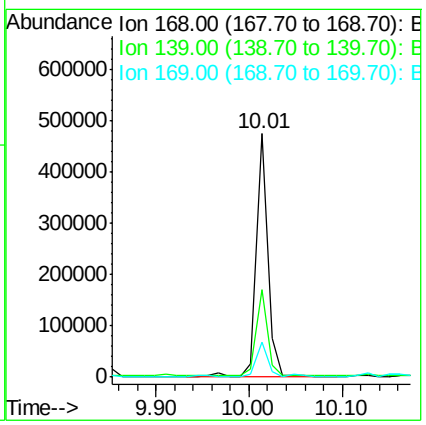


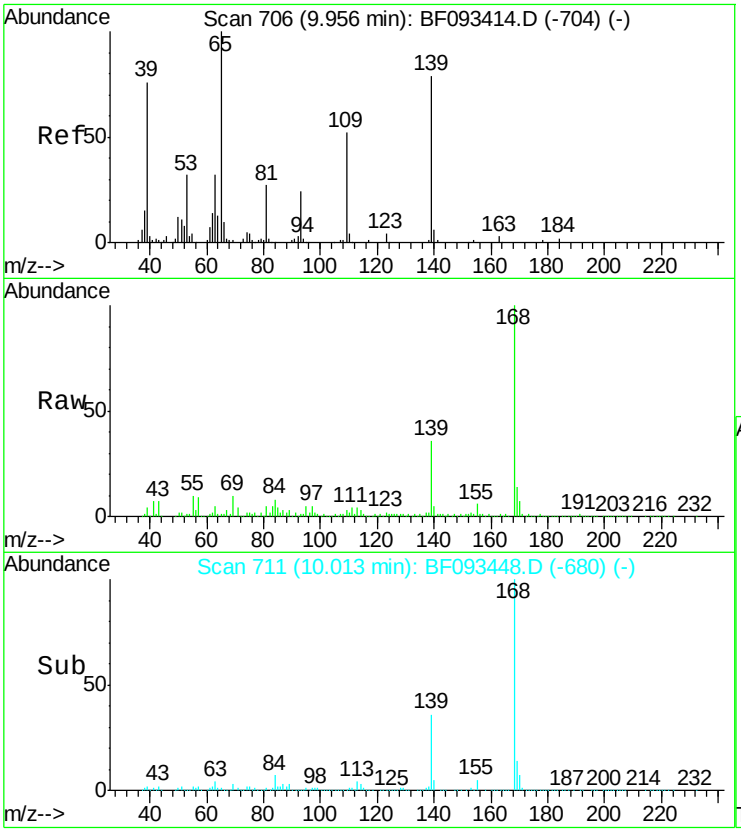


#54
Dibenzofuran
Concen: 25.63 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:168 Resp: 412458

Ion	Ratio	Lower	Upper
168	100		
139	36.0	32.6	49.0
169	14.3	11.3	16.9



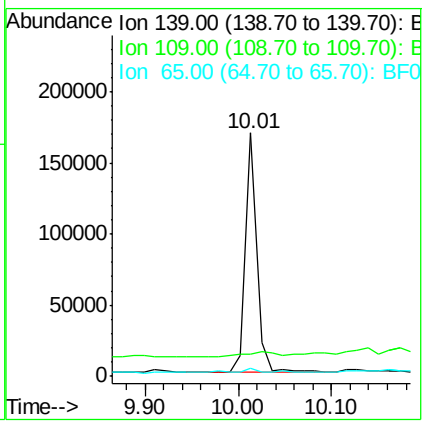


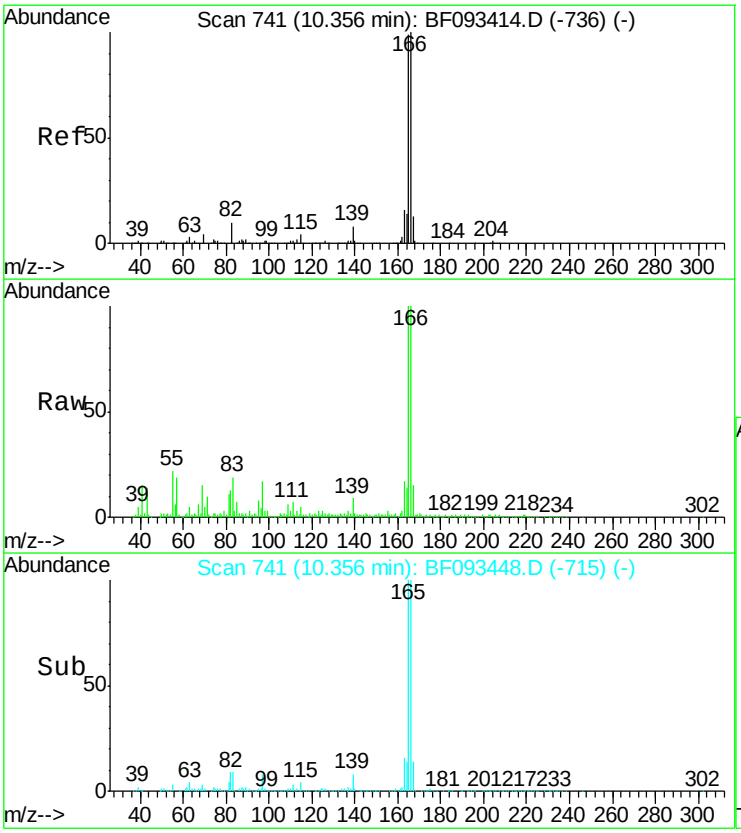
#55
4-Nitrophenol
Concen: 72.01 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.06 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:139 Resp: 144519

Ion	Ratio	Lower	Upper
139	100		
109	8.9	52.2	92.2#
65	3.3	85.8	125.8#

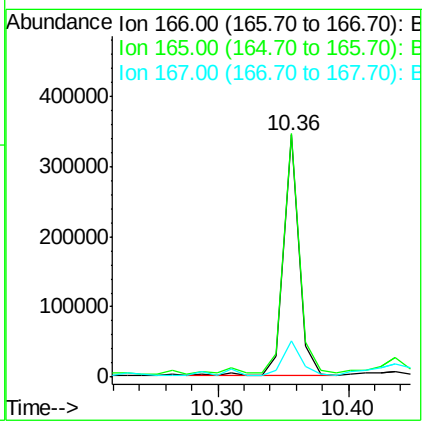


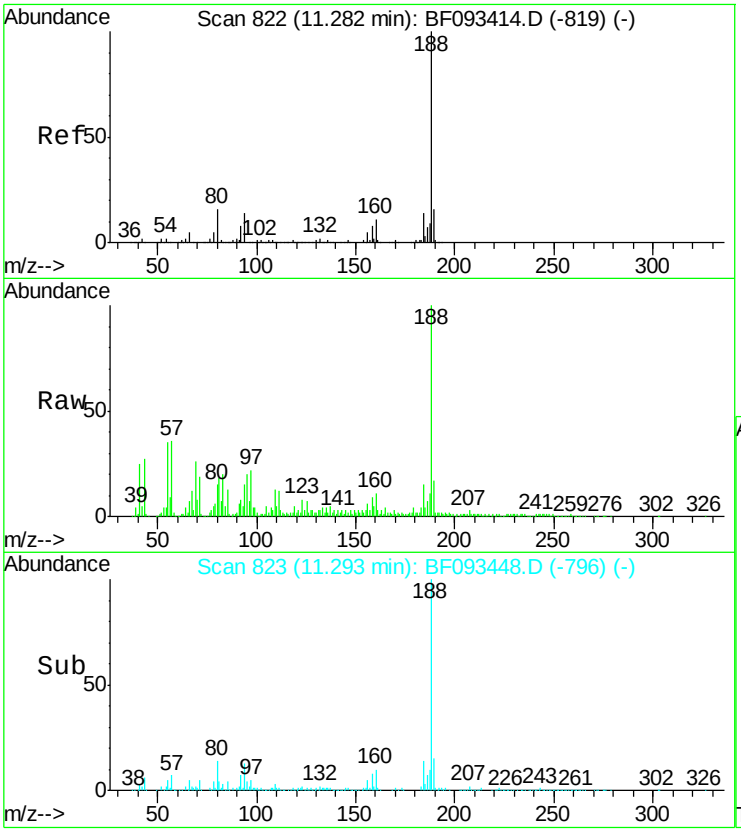


#57
Fluorene
Concen: 21.45 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:166 Resp: 292512

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8
167	14.7	10.8	16.2



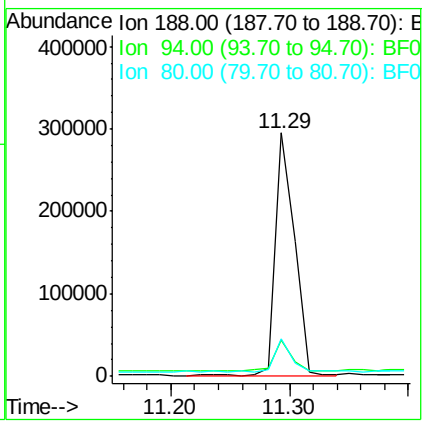


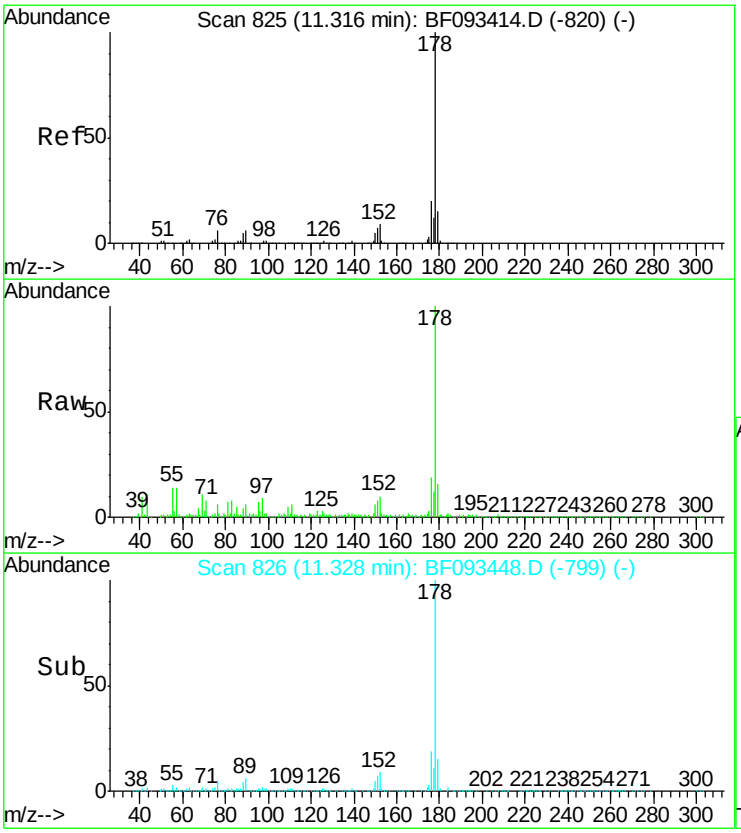
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:188 Resp: 322145

Ion	Ratio	Lower	Upper
188	100		
94	14.9	10.0	15.0
80	15.2	11.2	16.8

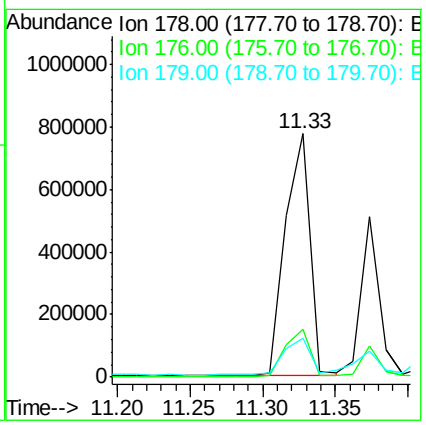


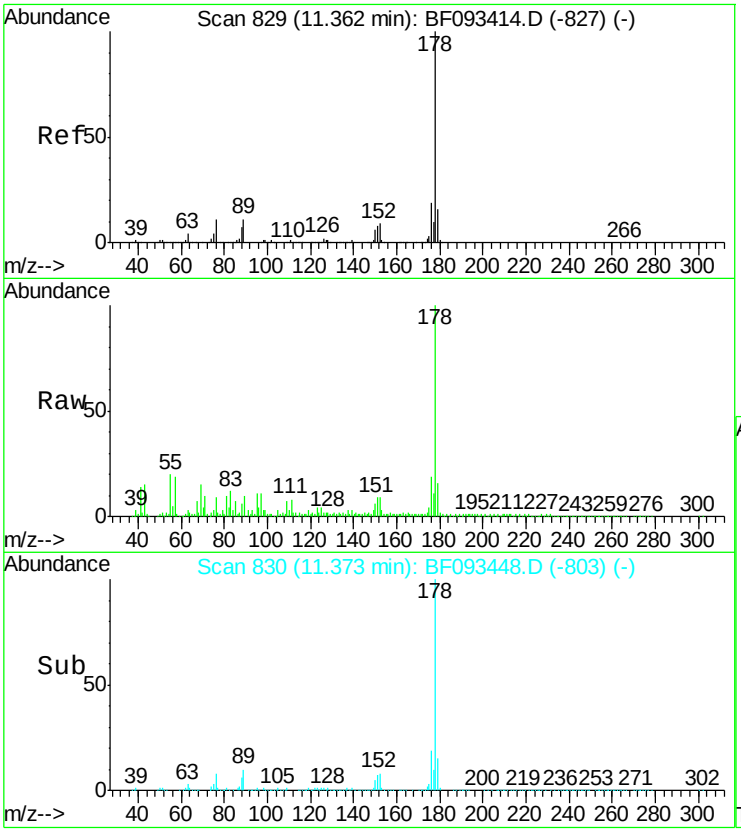


#70
Phenanthrene
Concen: 49.46 ng
RT: 11.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:178 Resp: 909401

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	16.0	12.8	19.2



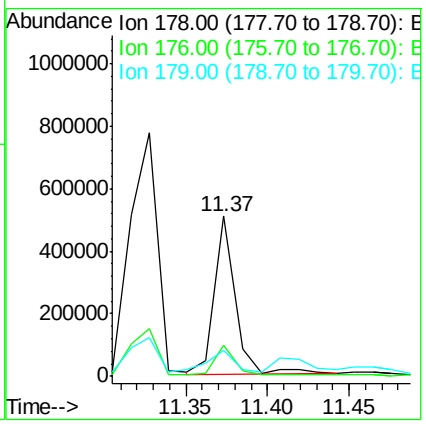


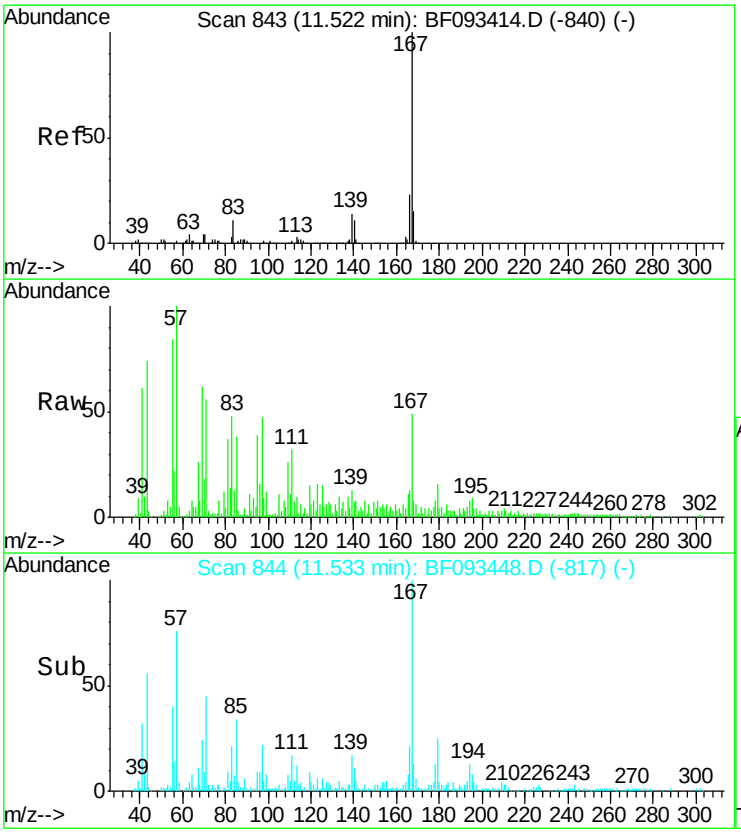
#71
Anthracene
Concen: 24.28 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:178 Resp: 451642

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.5	13.2	19.8

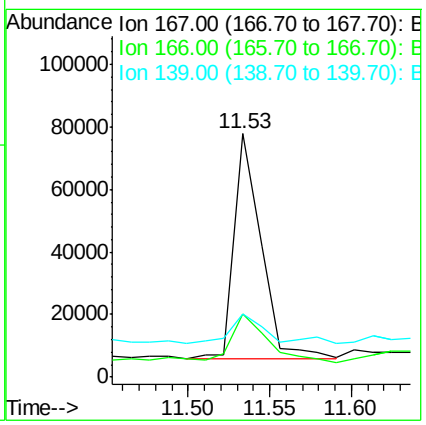


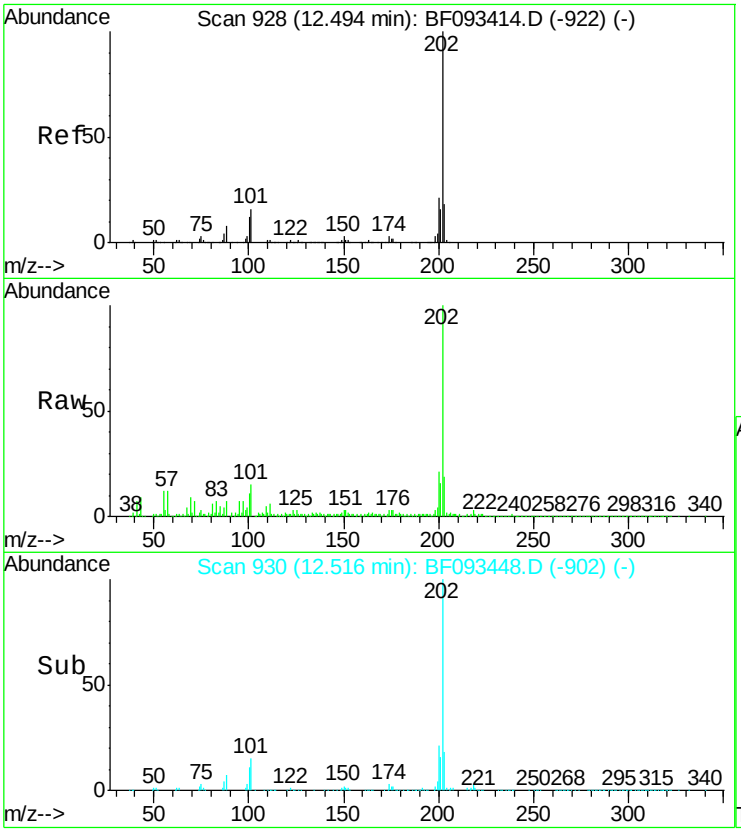


#72
Carbazole
Concen: 4.64 ng
RT: 11.53 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:167 Resp: 81138

Ion	Ratio	Lower	Upper
167	100		
166	25.8	18.2	27.2
139	26.1	11.4	17.2#



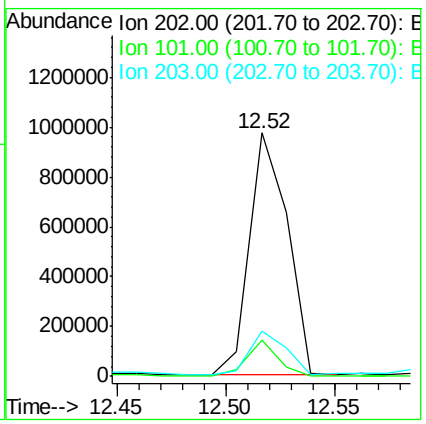


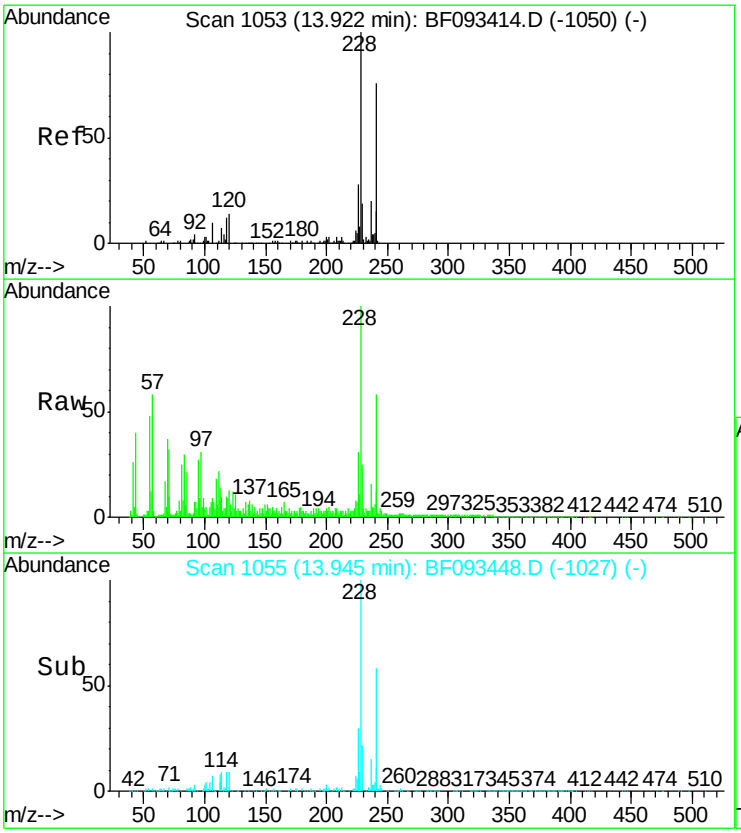
#74
Fluoranthene
Concen: 66.77 ng
RT: 12.52 min Scan# 930
Delta R.T. 0.02 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:202 Resp: 1185944

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.6
203	18.7	0.0	38.7

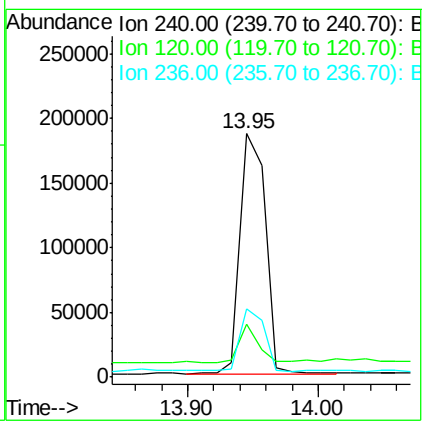


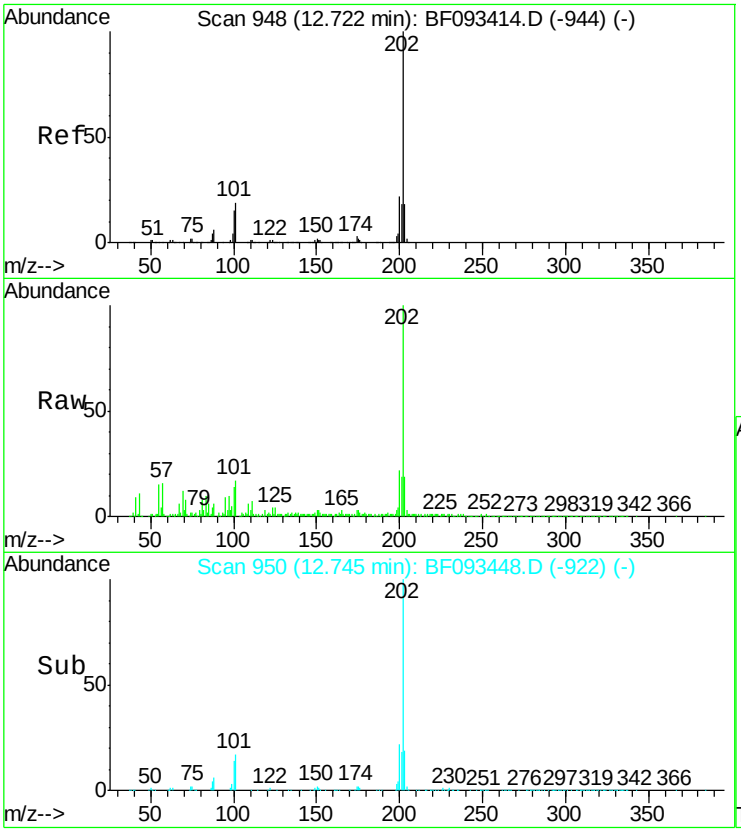


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1055
Delta R.T. 0.02 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:240 Resp: 249262

Ion	Ratio	Lower	Upper
240	100		
120	21.7	12.9	19.3#
236	27.8	20.9	31.3



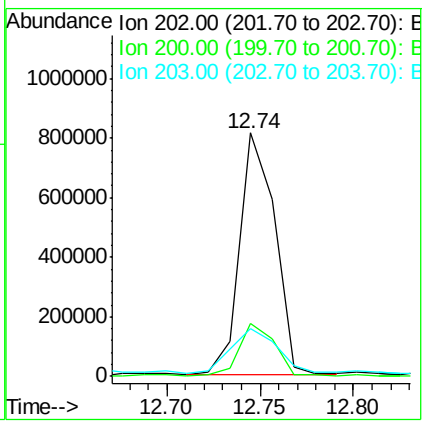


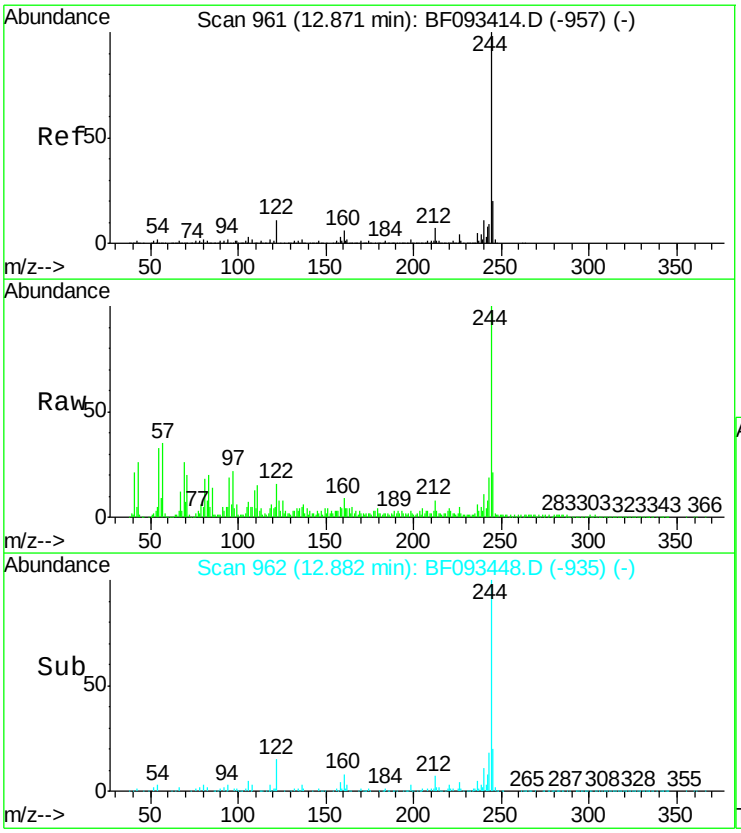
#77
Pyrene
Concen: 58.50 ng
RT: 12.74 min Scan# 950
Delta R.T. 0.02 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:202 Resp: 1060500

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	19.4	14.7	22.1

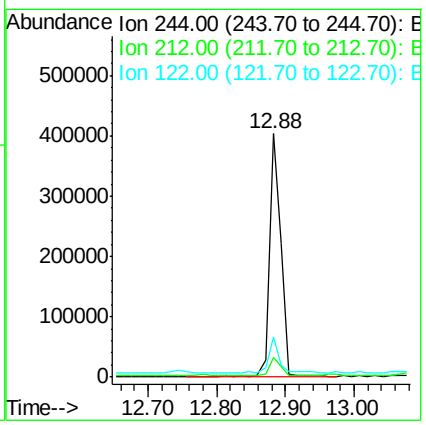


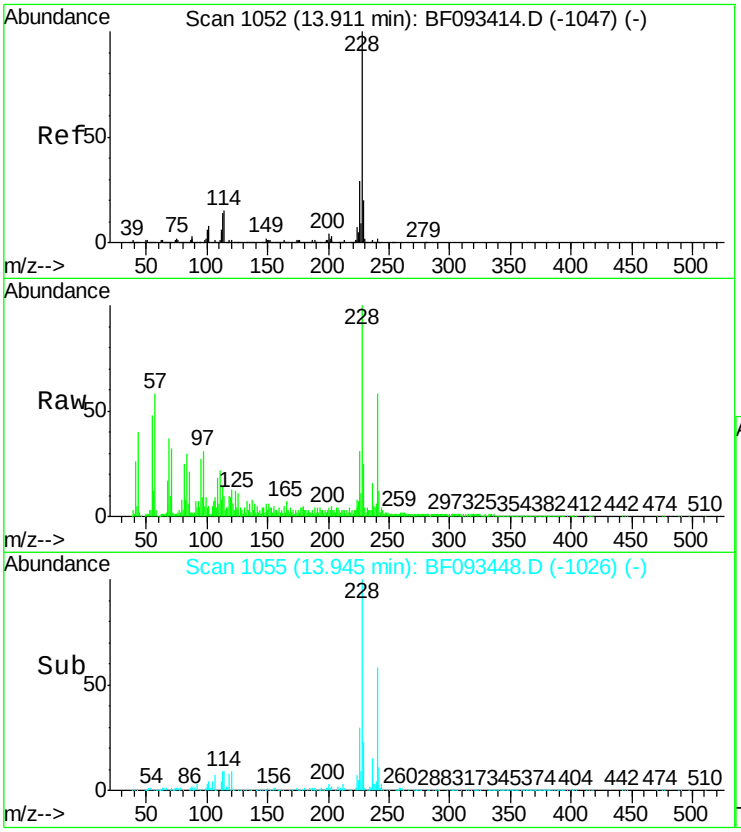


#78
Terphenyl-d14
Concen: 47.10 ng
RT: 12.88 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:244 Resp: 451542

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	16.3	11.4	17.2



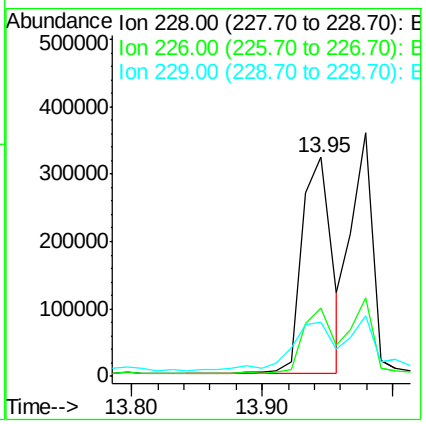


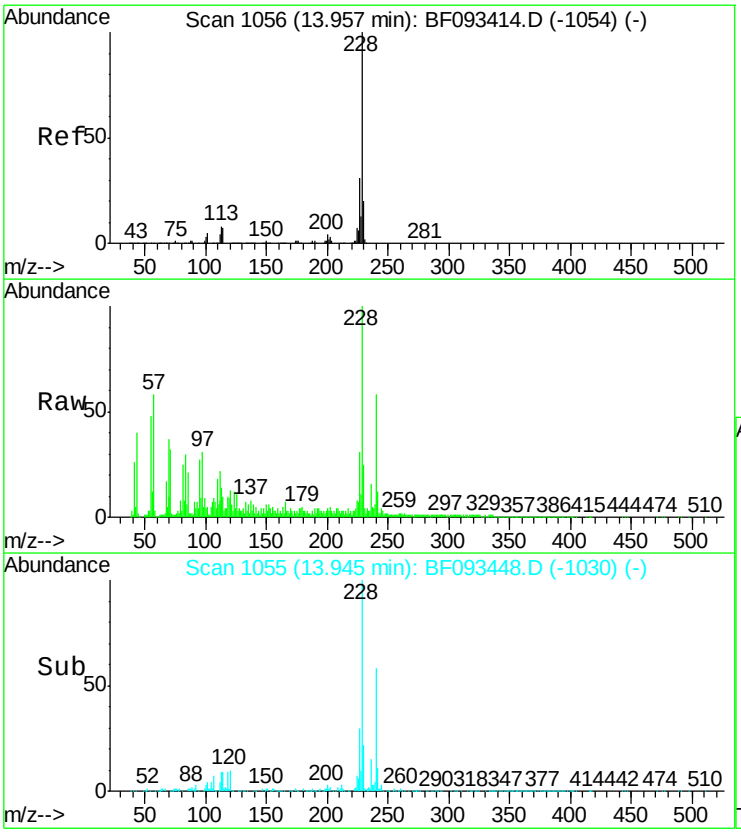
#80
Benzo(a)anthracene
Concen: 34.62 ng
RT: 13.95 min Scan# 1055
Delta R.T. 0.03 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:228 Resp: 509672

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.4	33.6
229	24.7	16.2	24.4#

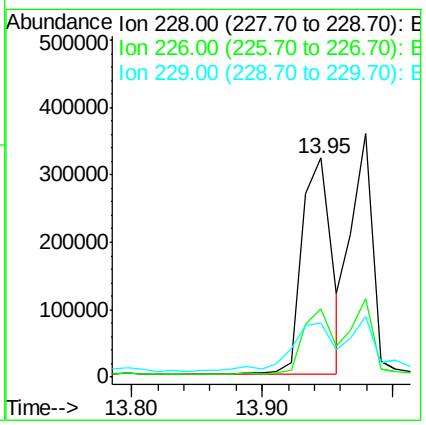


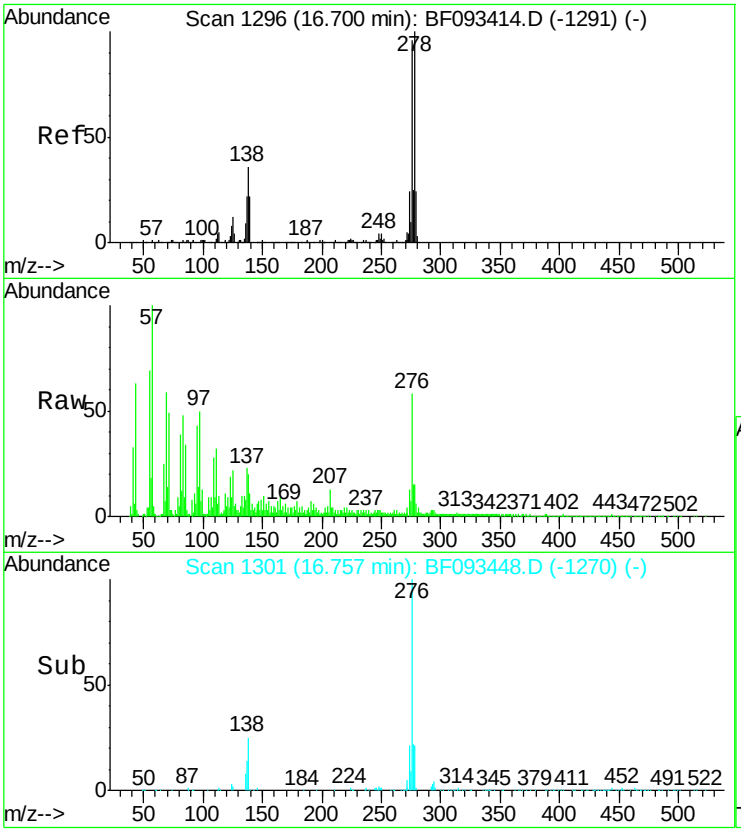


#82
Chrysene
Concen: 37.42 ng
RT: 13.95 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:228 Resp: 509672

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	24.7	16.2	24.2#



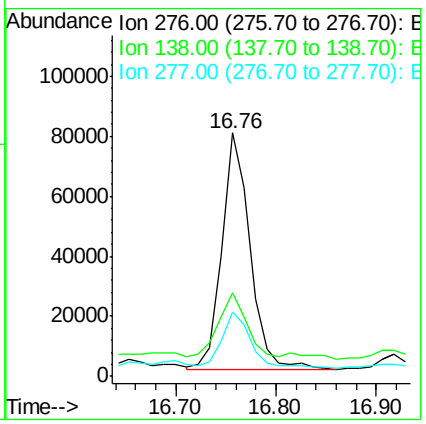


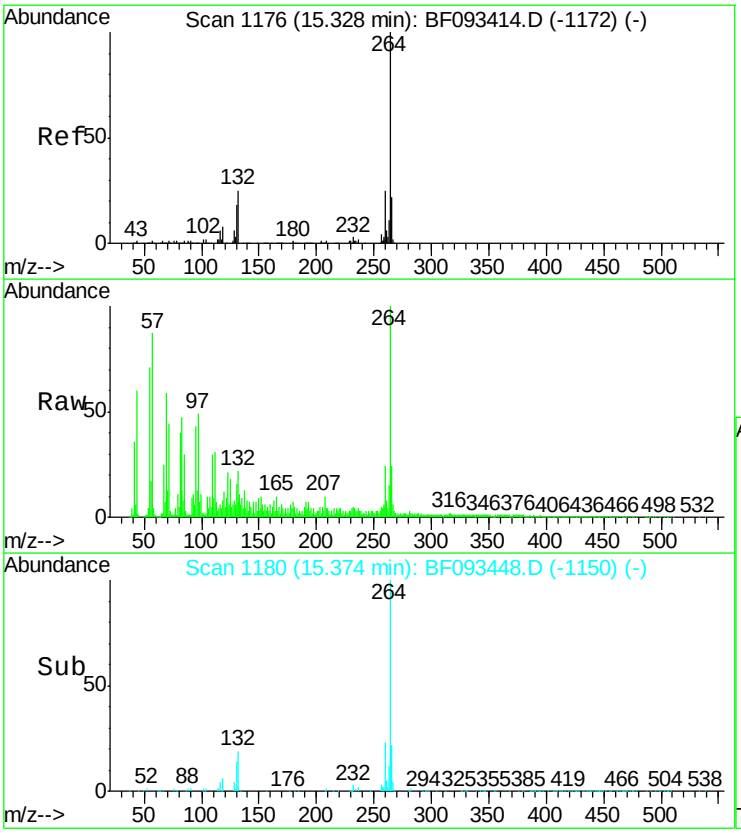
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.32 ng
RT: 16.76 min Scan# 1301
Delta R.T. 0.06 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:276 Resp: 151842

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	24.1	20.2	30.4

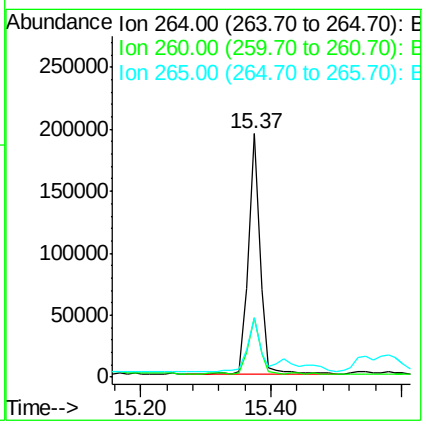


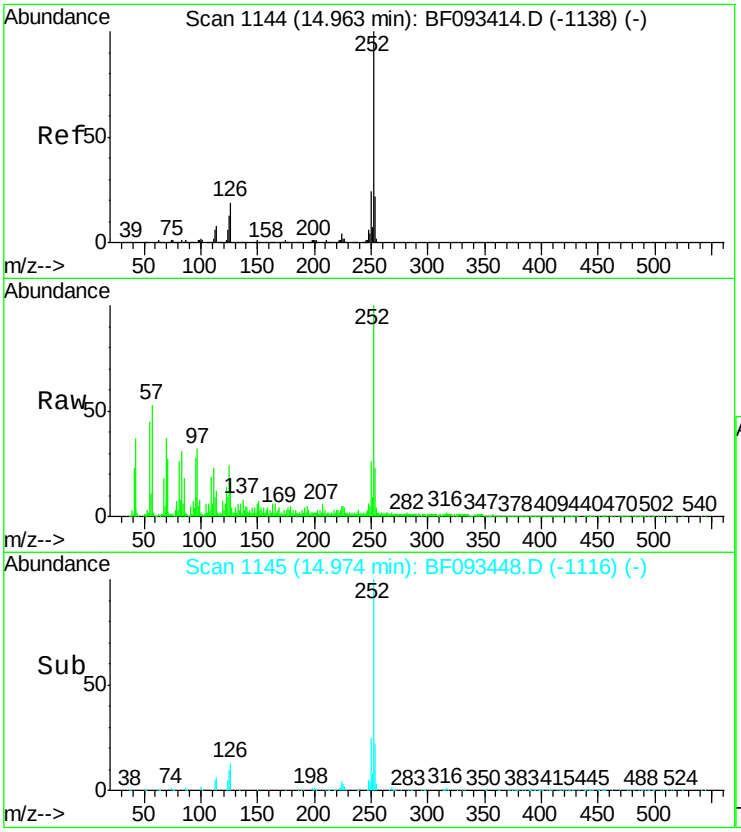


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. 0.05 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:264 Resp: 244117

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	24.3	17.4	26.0



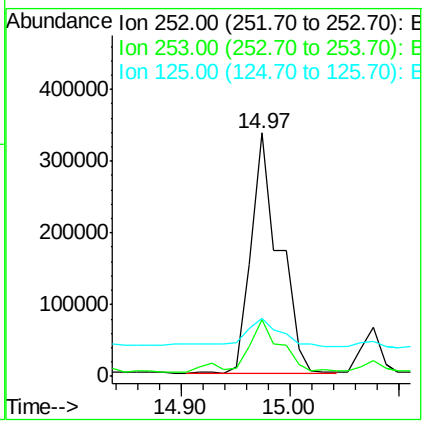


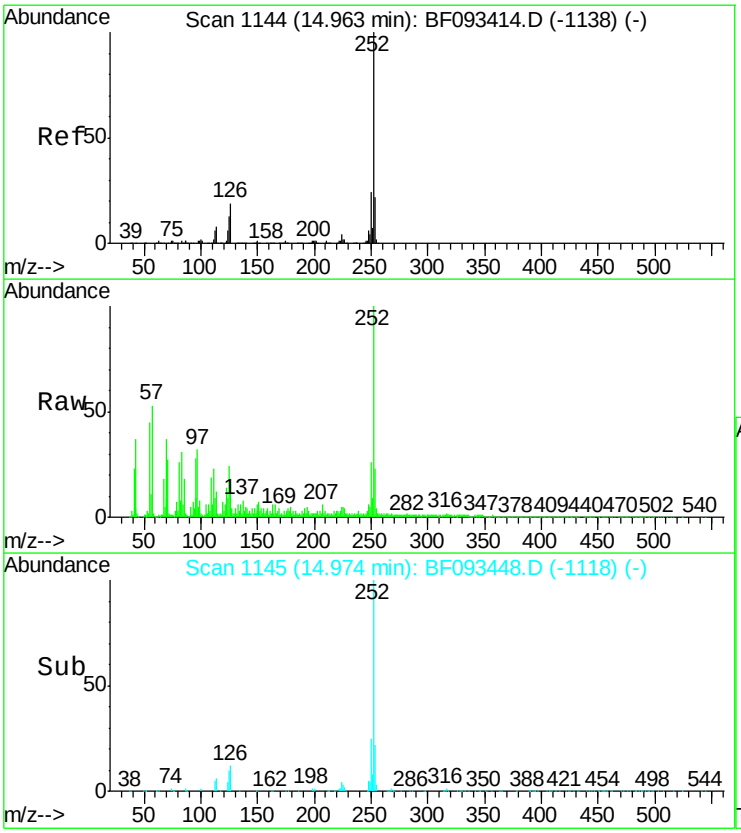
#87
Benzo(b)fluoranthene
Concen: 40.52 ng
RT: 14.97 min Scan# 1145
Delta R.T. 0.03 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:252 Resp: 602480

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	23.9	9.8	14.6#

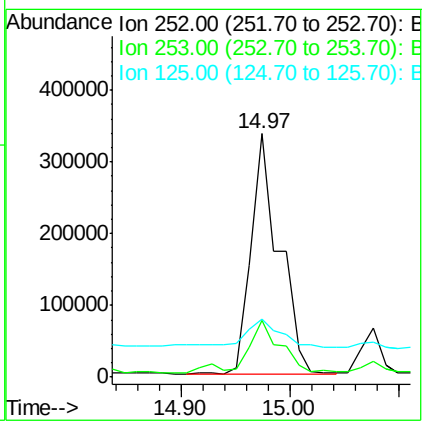


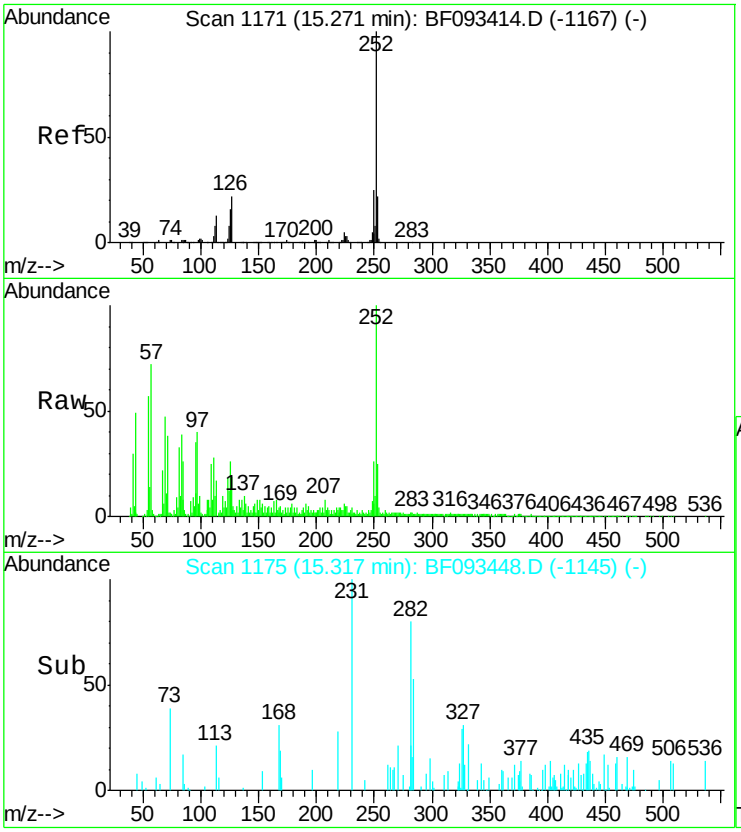


#88
Benzo(k)fluoranthene
Concen: 42.02 ng
RT: 14.97 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:252 Resp: 602480

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	23.9	8.9	13.3#



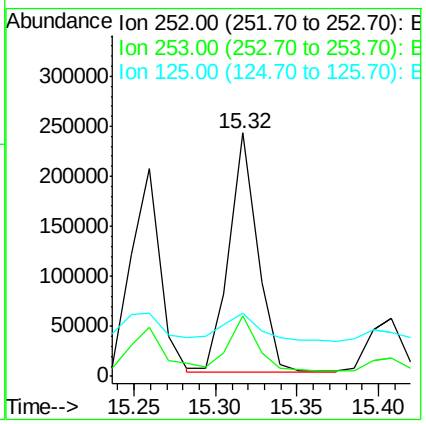


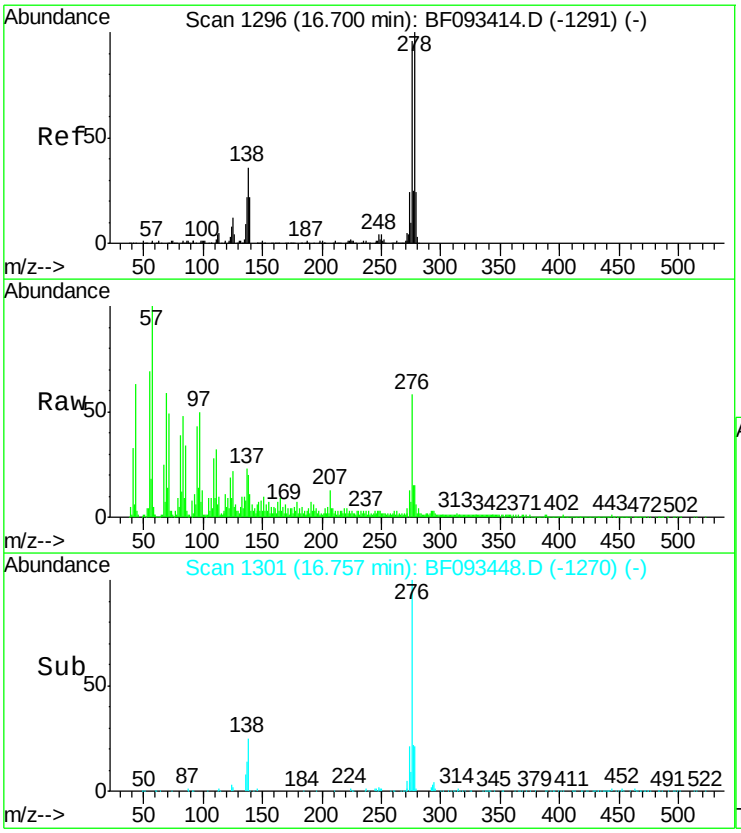
#89
Benzo(a)pyrene
Concen: 21.27 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.05 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:252 Resp: 288992

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	26.2	10.0	15.0#

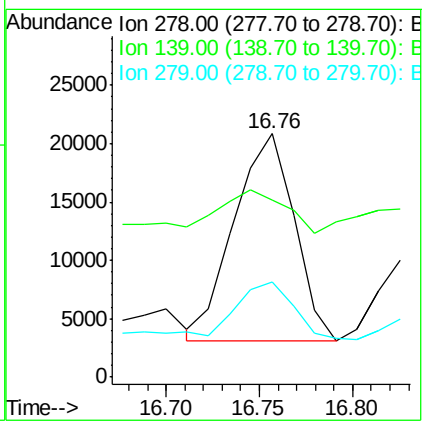


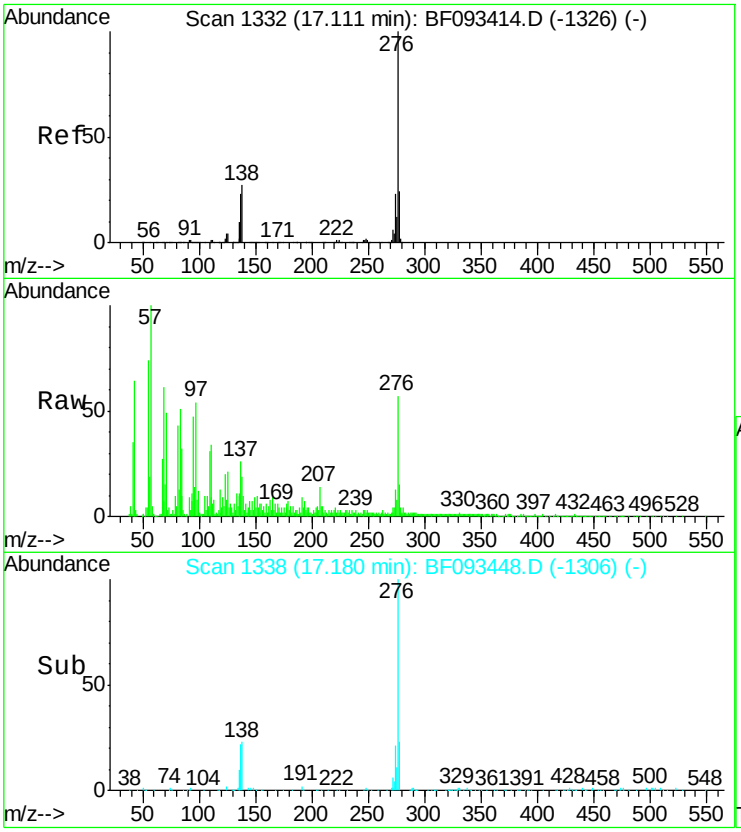


#90
Dibenzo(a,h)anthracene
Concen: 3.54 ng
RT: 16.76 min Scan# 1301
Delta R.T. 0.06 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Tgt Ion:278 Resp: 39847

Ion	Ratio	Lower	Upper
278	100		
139	72.9	14.8	22.2#
279	39.3	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 12.18 ng
RT: 17.18 min Scan# 1338
Delta R.T. 0.07 min
Lab File: BF093448.D
Acq: 9 Mar 2017 00:18

Instrument :
BNA_F
ClientSampleId :
HY-SB413B

Tgt Ion:276 Resp: 140493

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.2	28.8
138	33.0	16.0	24.0#