Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093452.D
Acq On : 9 Mar 2017 2:07
Operator : SJ/MA
Sample : I2133-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB415B

Quant Time: Mar 09 03:07:14 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	163403	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	636185	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	270596	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	391560	20.00	ng		0.01
75) Chrysene-d12	13.93	240	323601	20.00	ng		0.01
86) Perylene-d12	15.35	264	273930	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1066852	108.66	ng		0.01
7) Phenol-d6	6.42	99	1390630	112.32	ng		0.01
23) Nitrobenzene-d5	7.34	82	755296	65.87	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	183190	103.91	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1008594	69.33	ng		0.00
78) Terphenyl-d14	12.87	244	535220	43.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	38261	3.32	ng		99
10) Phenol	6.44	94	35031	2.31	ng		88
19) n-Nitroso-di-n-propylamine	7.34	70	105220	12.36	ng	#	81
25) Isophorone	7.34	82	689701	29.83	ng	#	65
31) Naphthalene	8.08	128	155795	4.89	ng		99
49) Dimethylphthalate	9.53	163	323927	18.06	ng		99
51) Acenaphthene	9.84	154	61855	4.20	ng		94
54) Dibenzofuran	10.01	168	85201	4.63	ng		93
55) 4-Nitrophenol	10.01	139	30566	13.31	ng	#	7
56) 2,4-Dinitrotoluene	9.81	165	37624	7.78	ng	#	20
57) Fluorene	10.36	166	75710	4.85	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	13118	3.17	ng	#	1
70) Phenanthrene	11.32	178	832365	37.24	ng		99
71) Anthracene	11.37	178	188880	8.35	ng		96
72) Carbazole	11.53	167	98882	4.66	ng		97
74) Fluoranthene	12.51	202	903355	41.84	ng		97
77) Pyrene	12.73	202	785732	33.39	ng		98
80) Benzo(a)anthracene	13.92	228	430291	22.52	ng		99
82) Chrysene	13.96	228	338351	19.14	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	144626	9.77	ng		99
87) Benzo(b)fluoranthene	14.95	252	536691	32.17	ng	#	95
88) Benzo(k)fluoranthene	14.95	252	536691	33.36	ng	#	95
89) Benzo(a)pyrene	15.29	252	282562	18.53	ng	#	95
90) Dibenzo(a,h)anthracene	16.73	278	33528	2.66	ng	#	75
91) Benzo(g,h,i)perylene	17.16	276	132221	10.21	ng	#	92

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

Quantitation Report (Not Reviewed)

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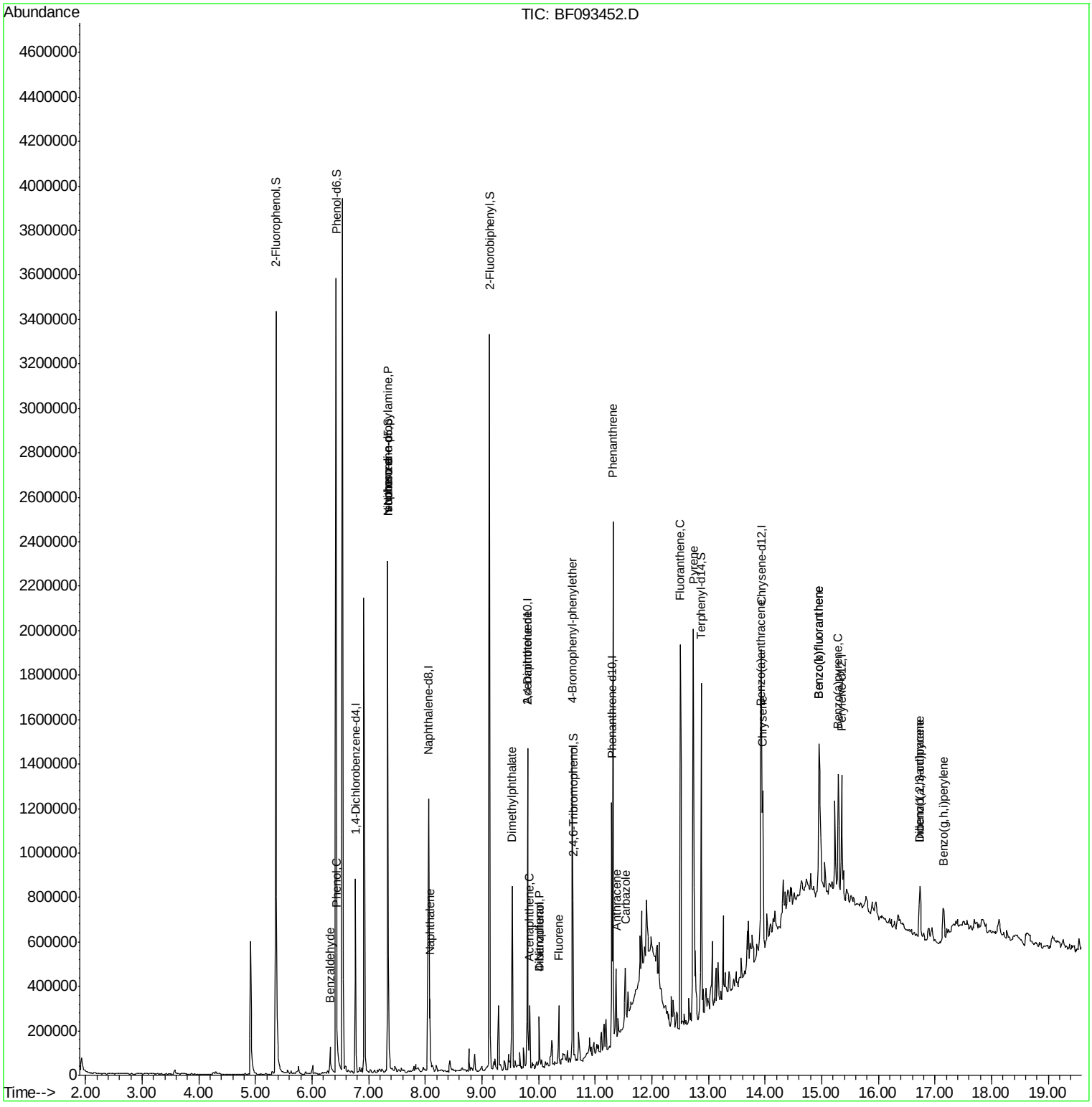
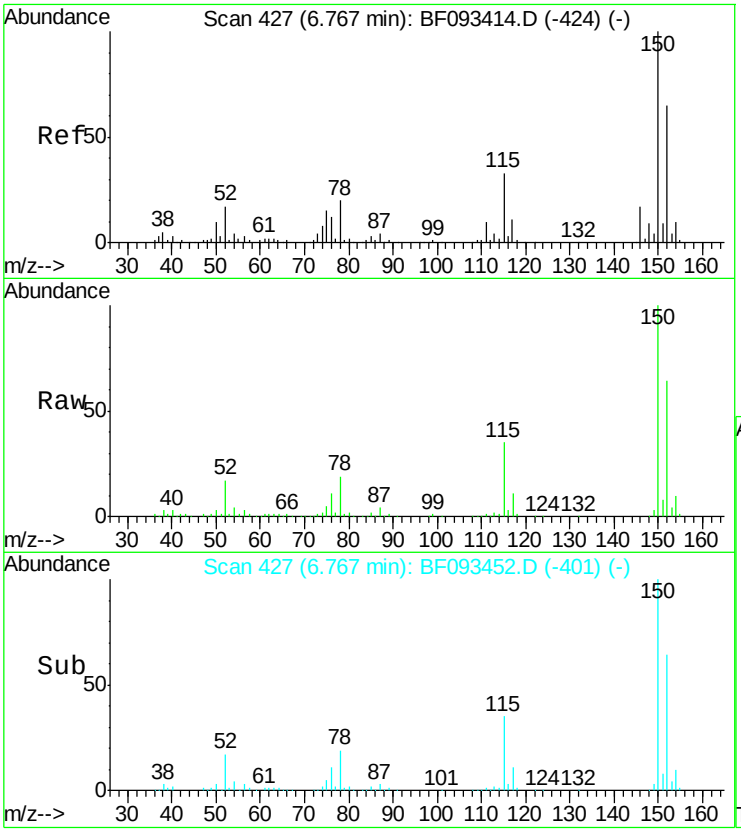


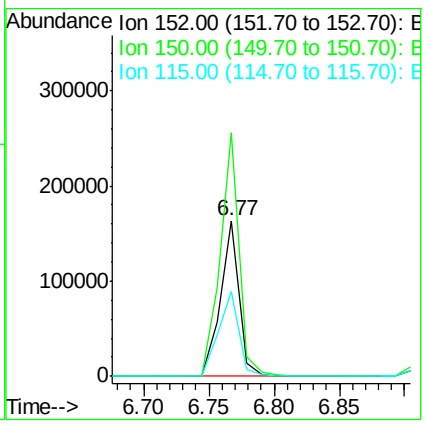


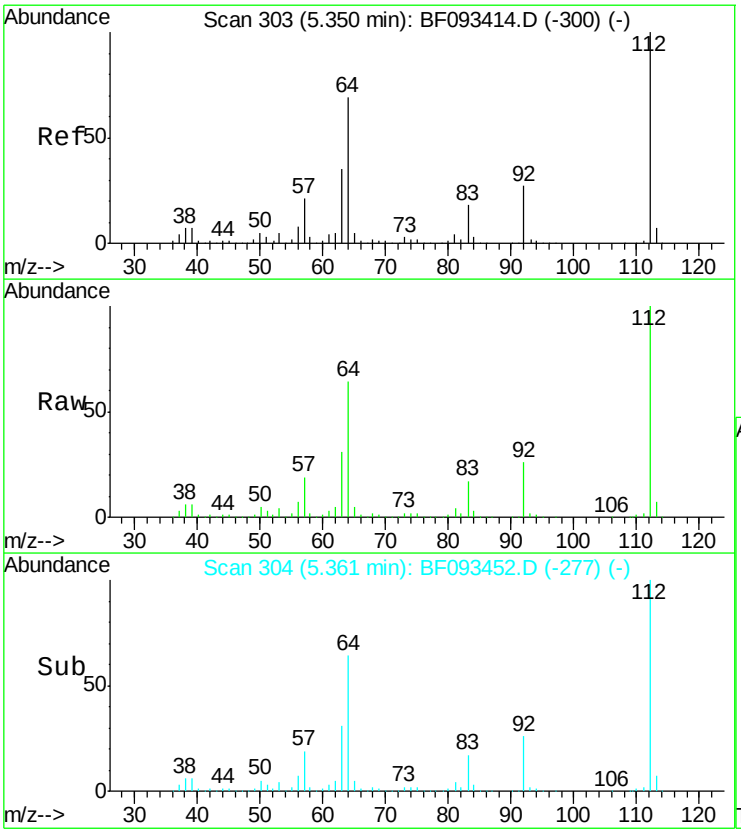
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:152 Resp: 163403

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	54.6	46.0	69.0

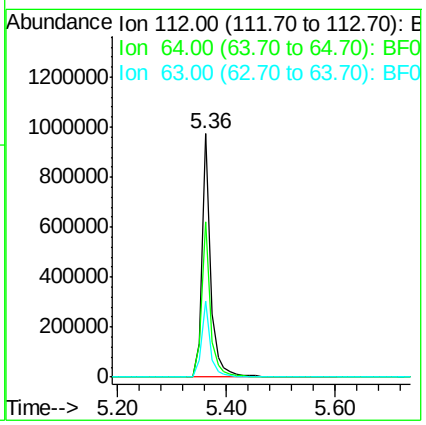


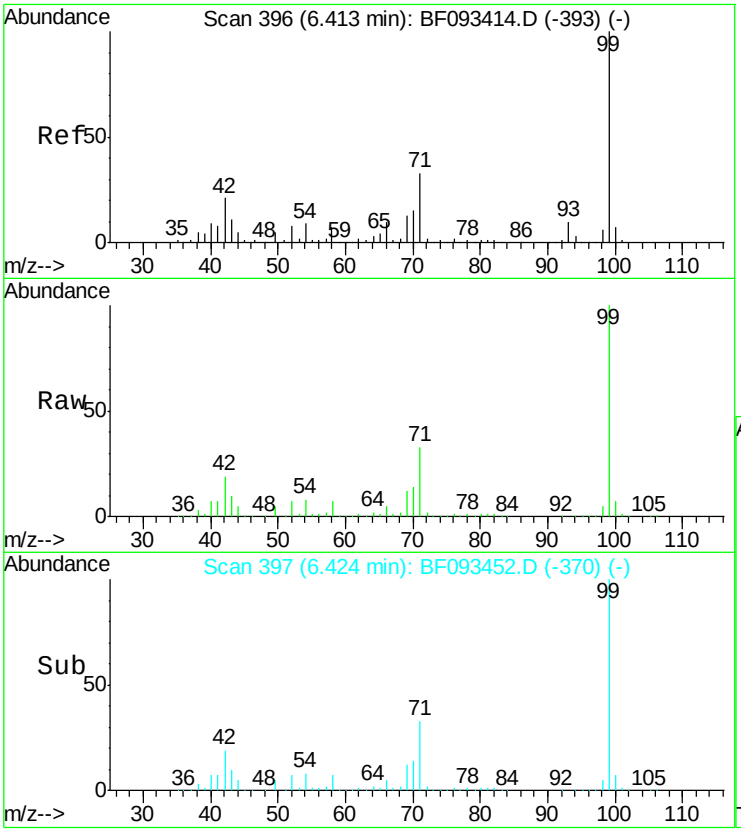


#5
2-Fluorophenol
Concen: 108.66 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:112 Resp: 1066852

Ion	Ratio	Lower	Upper
112	100		
64	63.8	46.1	69.1
63	31.2	23.8	35.6



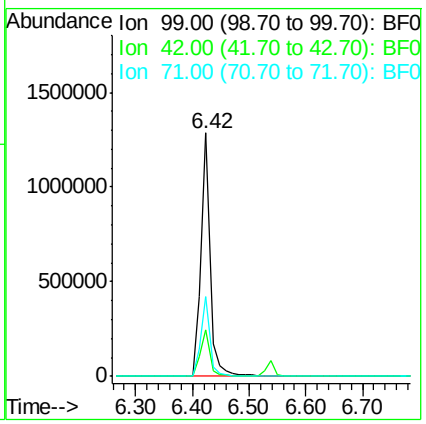


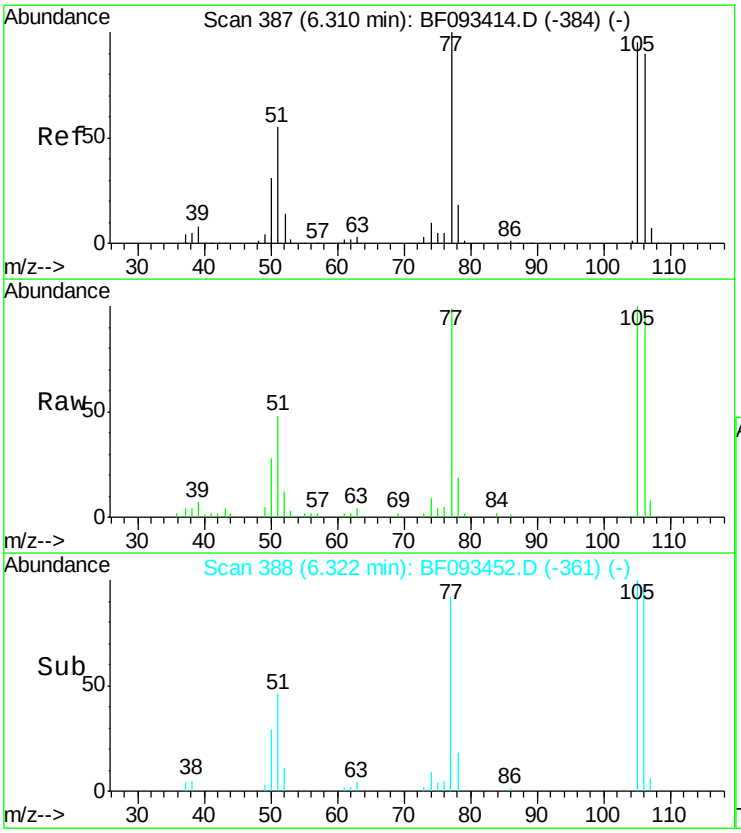
#7
Phenol-d6
Concen: 112.32 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion: 99 Resp: 1390630

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	32.7	27.5	41.3

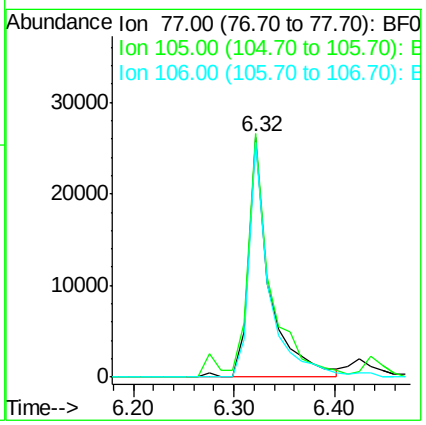


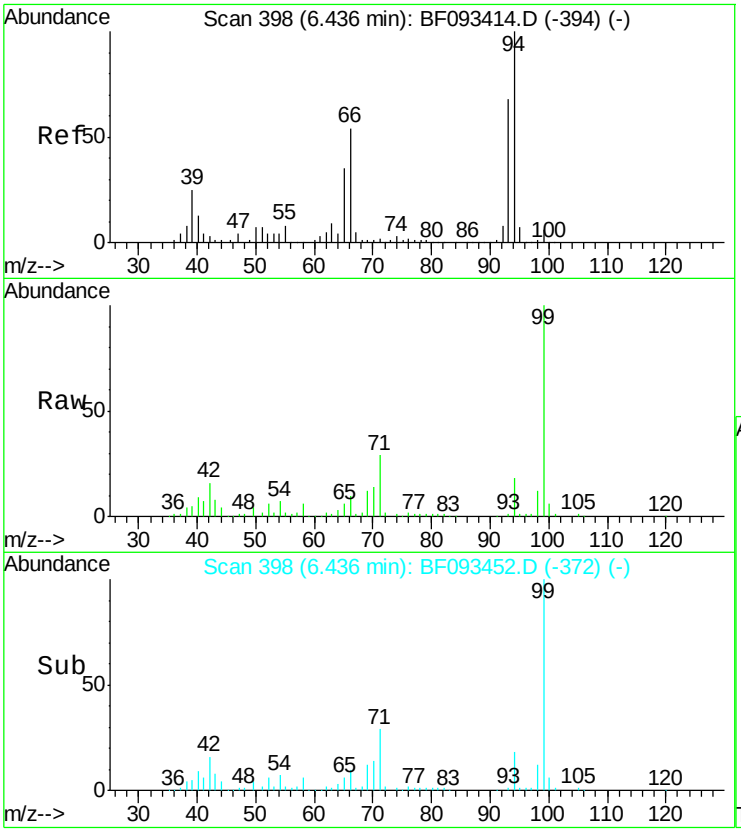


#9
Benzaldehyde
Concen: 3.32 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion: 77 Resp: 38261

Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.9	123.9
106	97.7	77.6	117.6



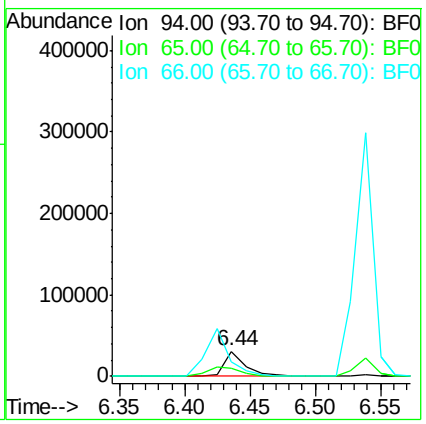


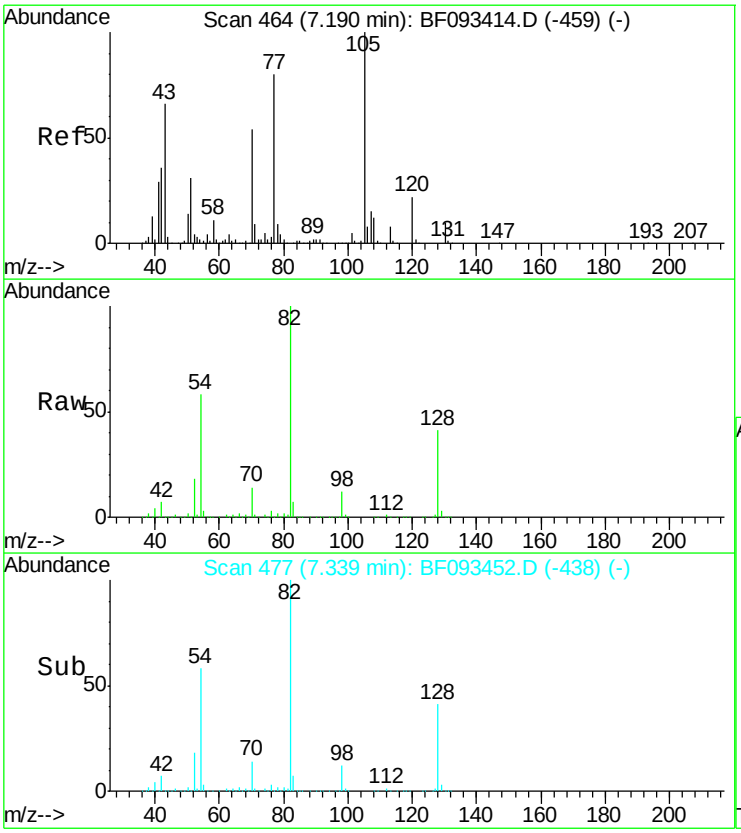
#10
Phenol
Concen: 2.31 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion: 94 Resp: 35031

Ion	Ratio	Lower	Upper
94	100		
65	32.0	21.4	61.4
66	55.7	44.0	84.0

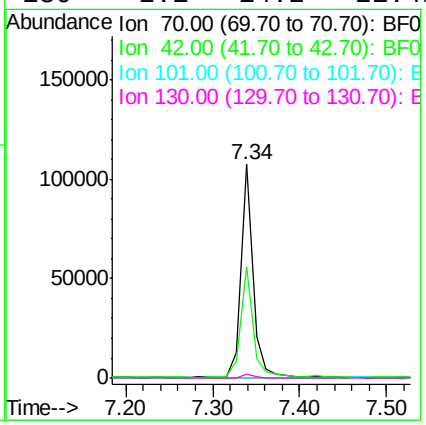


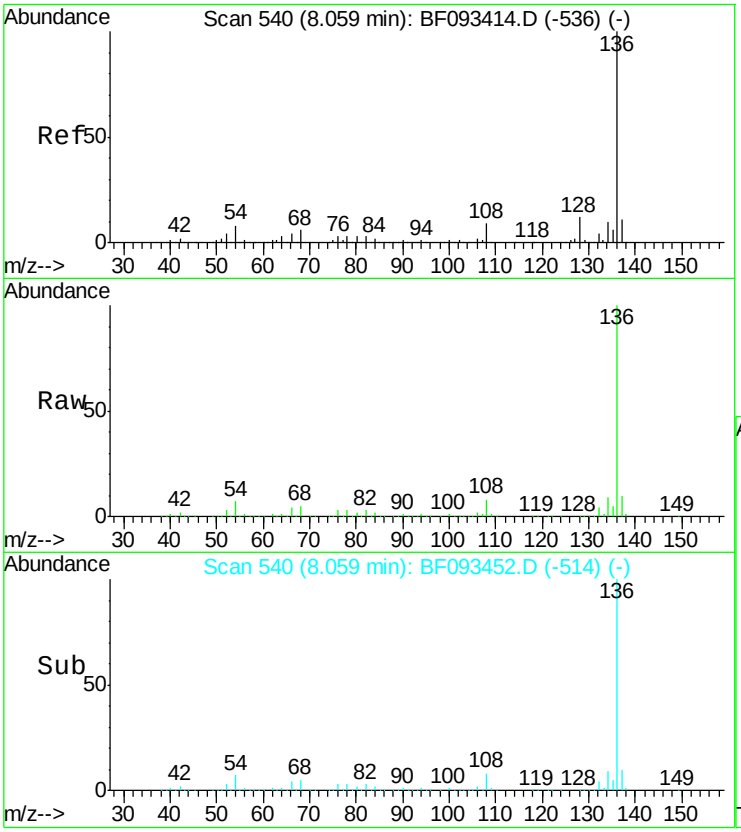


#19
n-Nitroso-di-n-propylamine
Concen: 12.36 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion: 70 Resp: 105220

Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



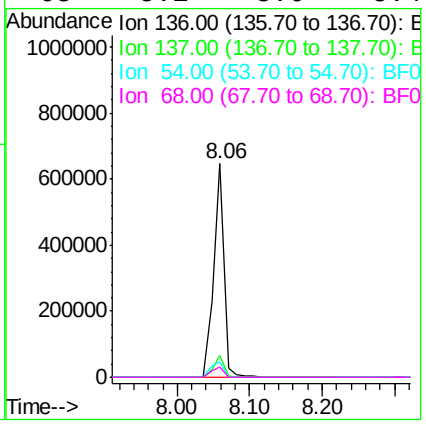


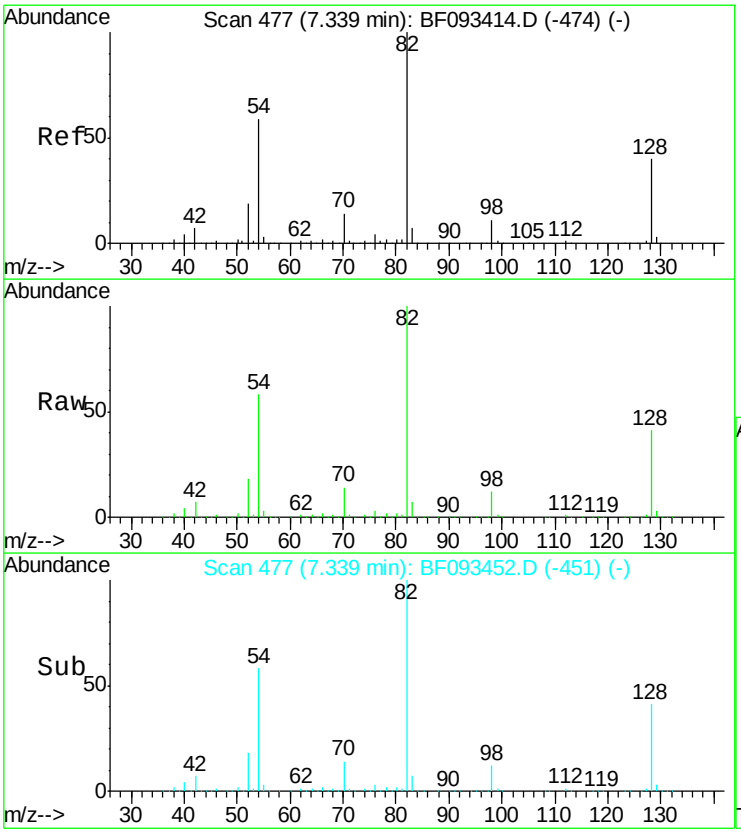
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:136 Resp: 636185

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	7.3	4.5	6.7#
68	5.1	3.6	5.4

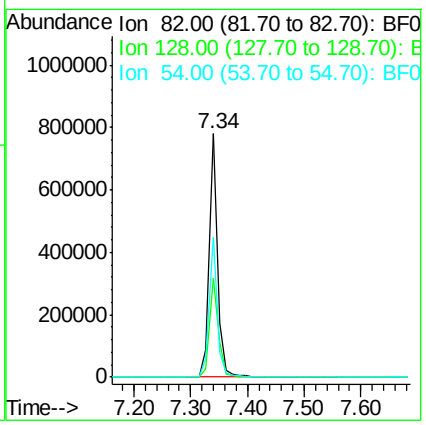


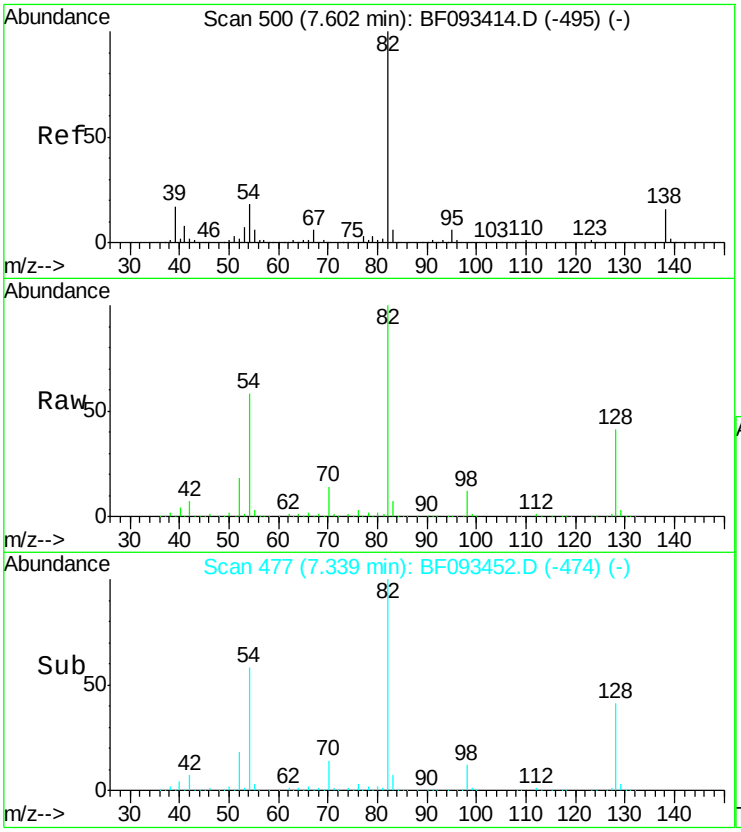


#23
Nitrobenzene-d5
Concen: 65.87 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion: 82 Resp: 755296

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	57.7	39.5	59.3



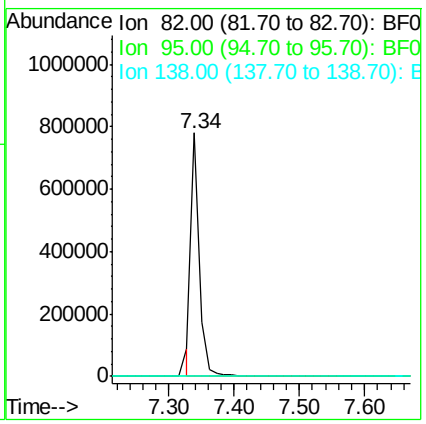


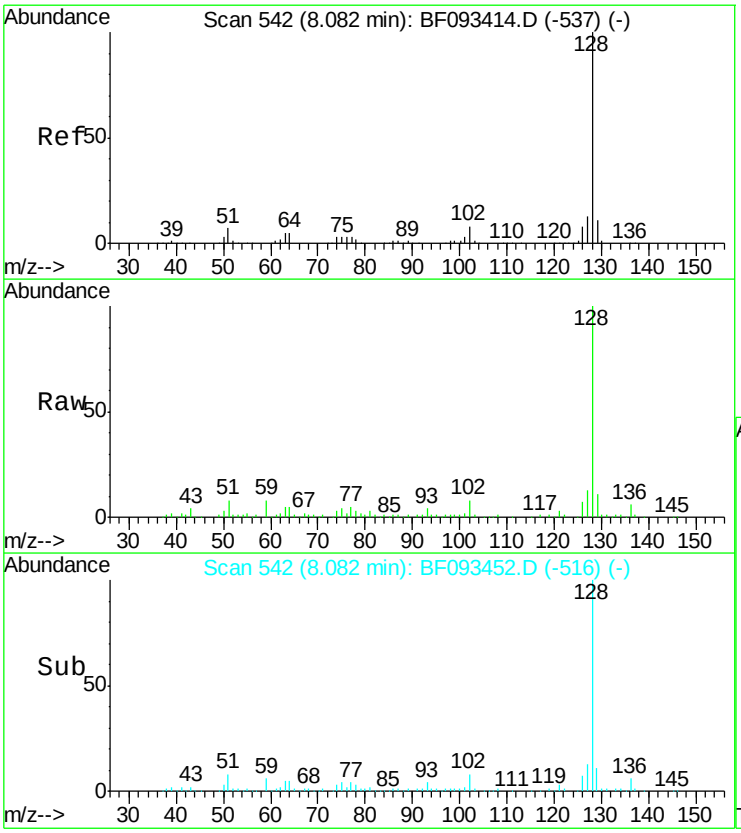
#25
Isophorone
Concen: 29.83 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion: 82 Resp: 689701

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#

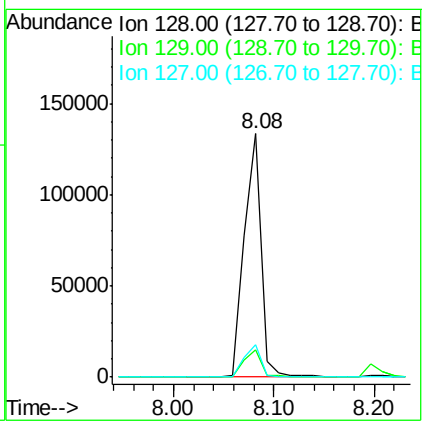


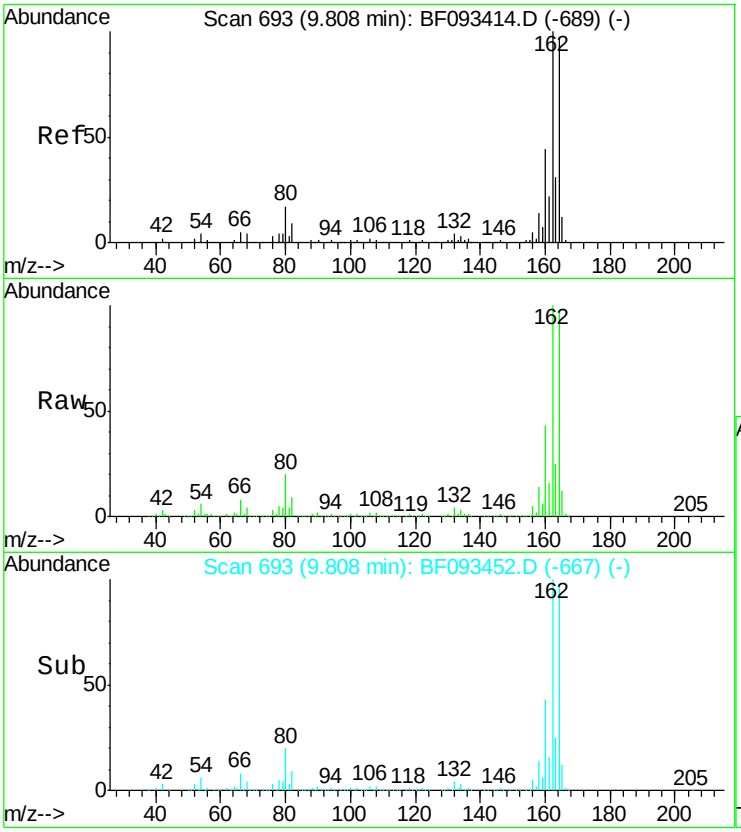


#31
Naphthalene
Concen: 4.89 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:128 Resp: 155795

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.1	10.8	16.2



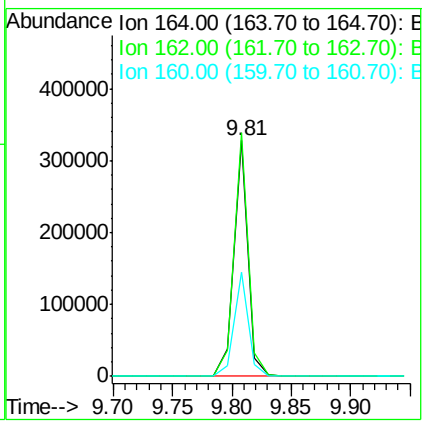


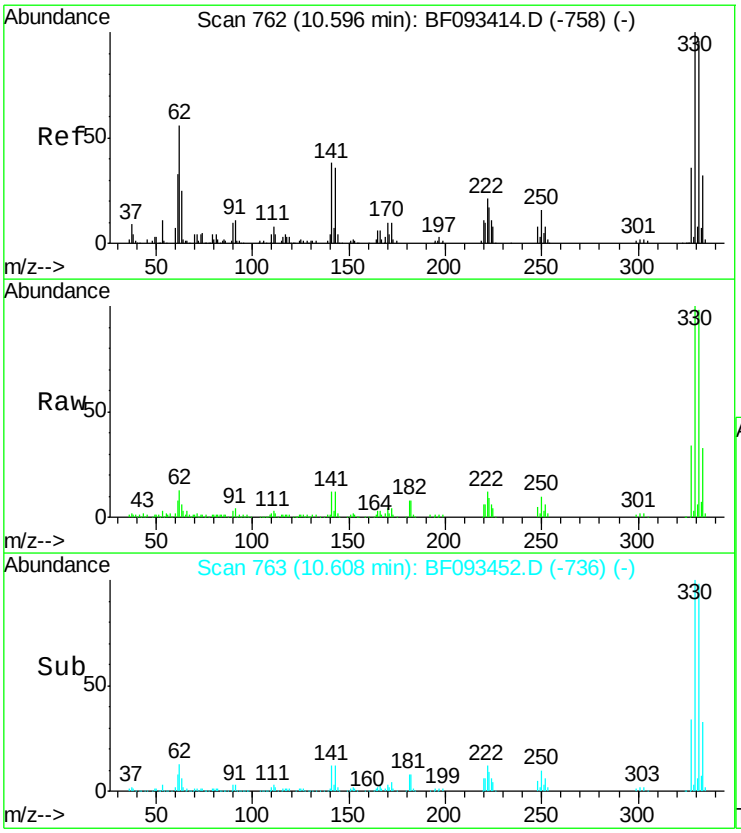
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:164 Resp: 270596

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	43.9	36.9	55.3

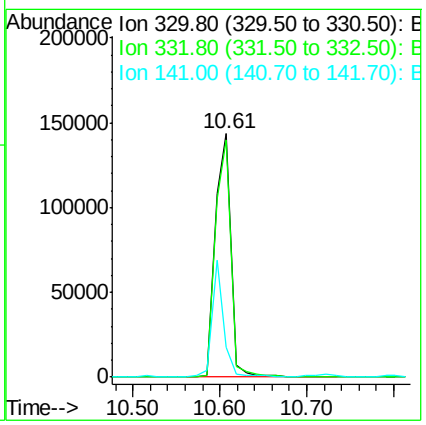


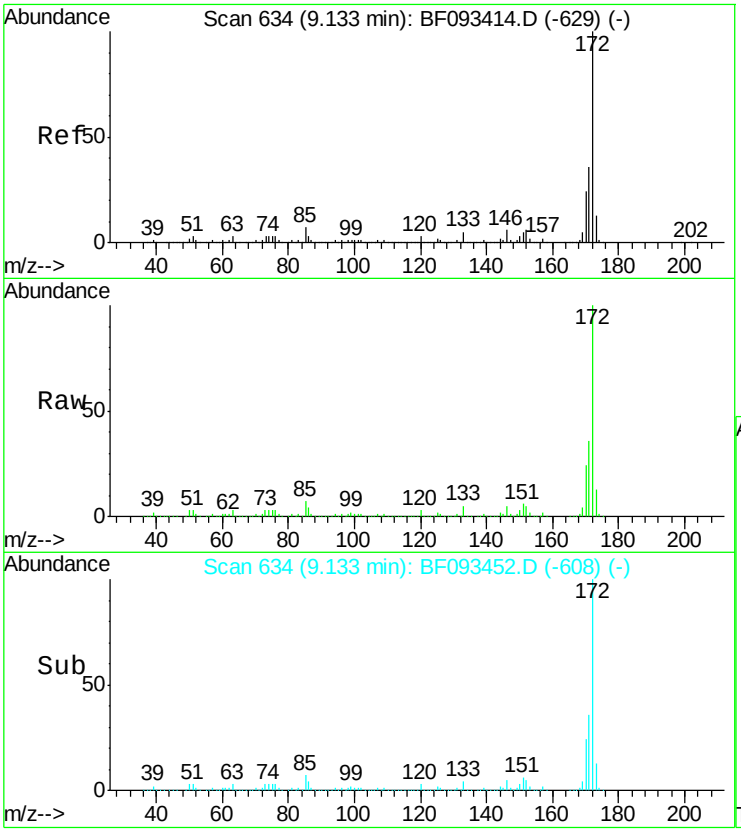


#41
2,4,6-Tribromophenol
Concen: 103.91 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:330 Resp: 183190

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	36.8	34.1	51.1



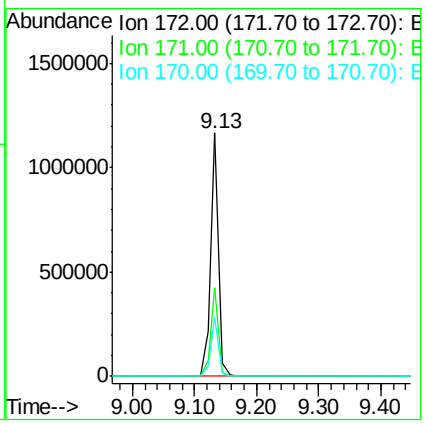


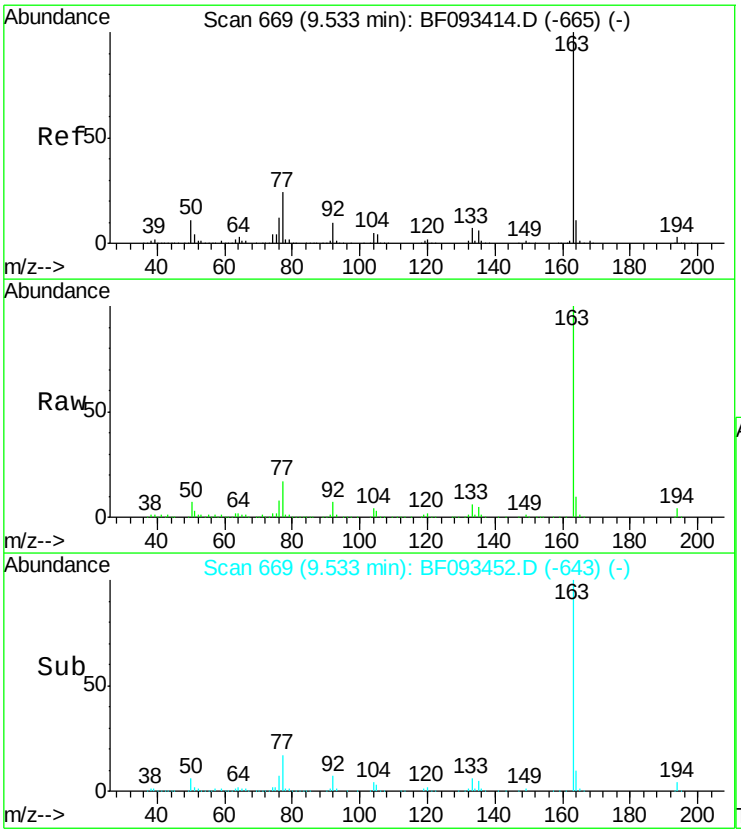
#44
2-Fluorobiphenyl
Concen: 69.33 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:172 Resp: 1008594

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.1	20.2	30.4

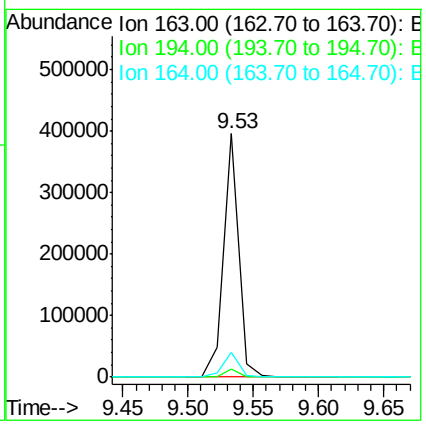


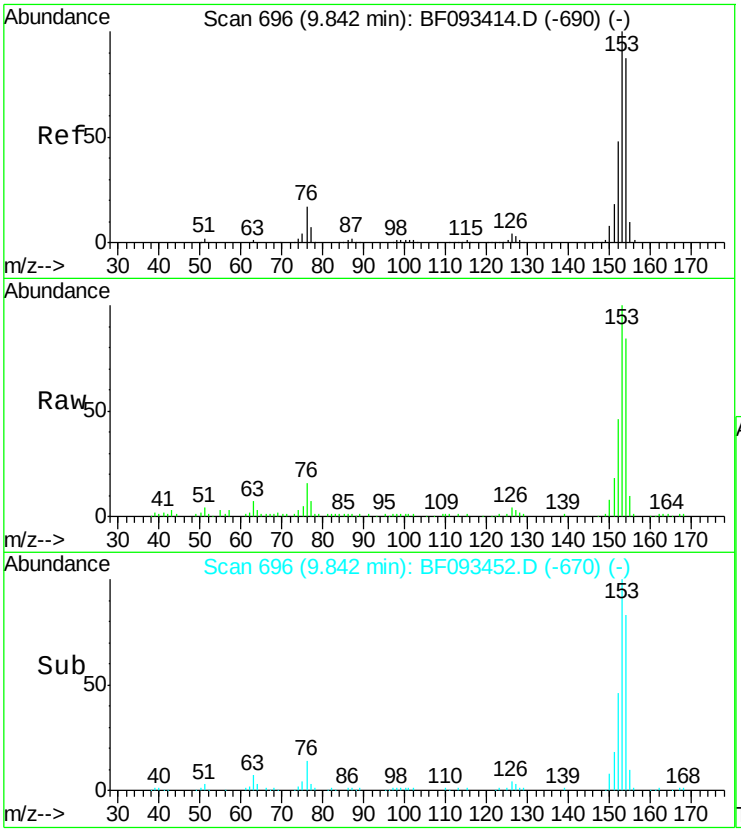


#49
Dimethylphthalate
Concen: 18.06 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:163 Resp: 323927

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.3	8.0	12.0



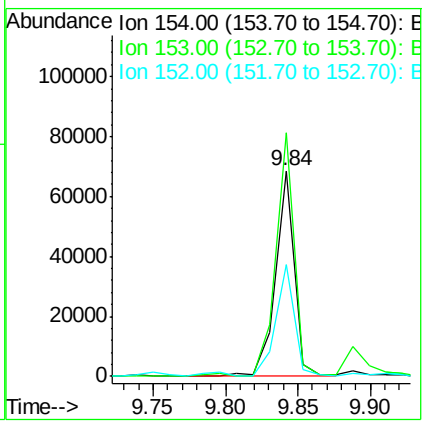


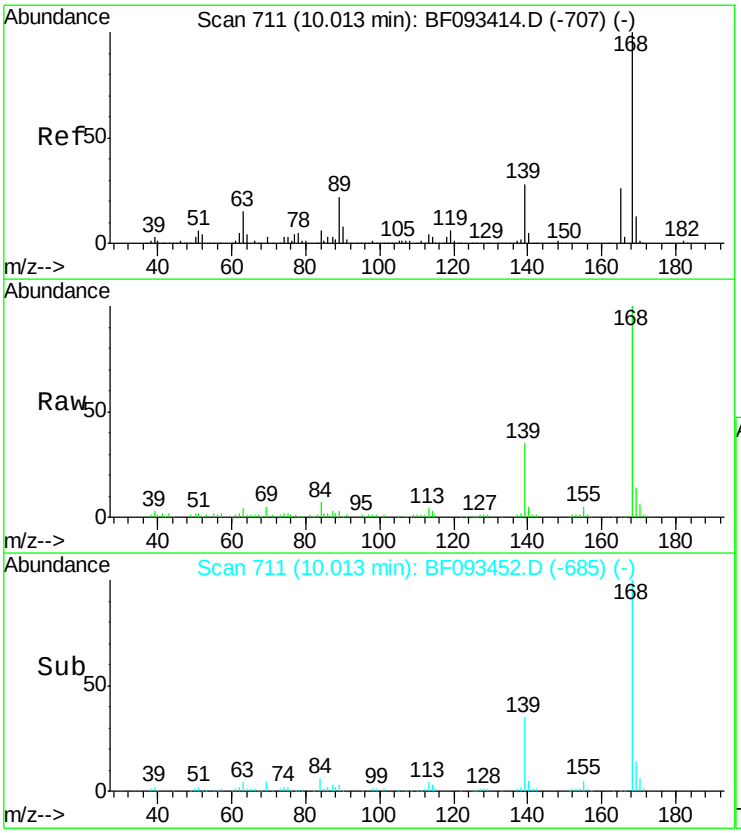
#51
Acenaphthene
Concen: 4.20 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:154 Resp: 61855

Ion	Ratio	Lower	Upper
154	100		
153	118.4	88.6	133.0
152	54.7	41.6	62.4

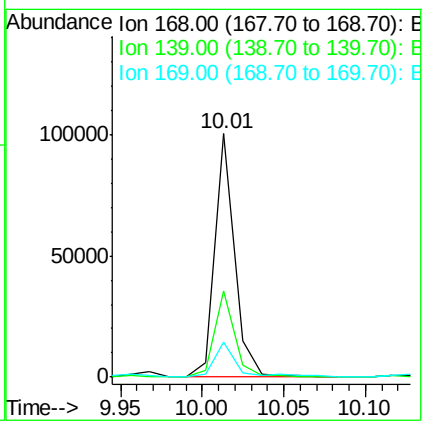


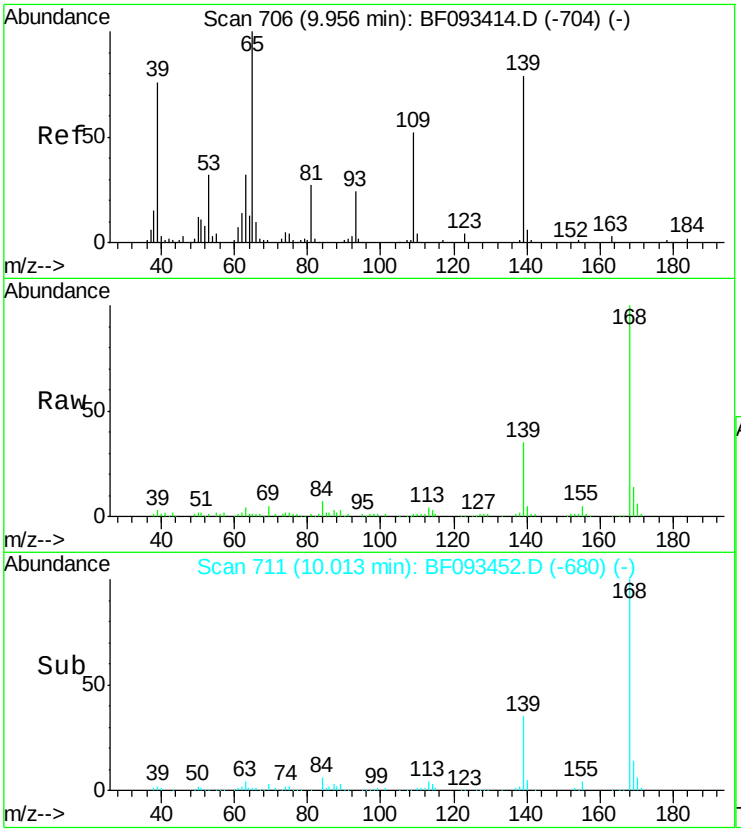


#54
Dibenzofuran
Concen: 4.63 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:168 Resp: 85201

Ion	Ratio	Lower	Upper
168	100		
139	35.3	32.6	49.0
169	14.4	11.3	16.9



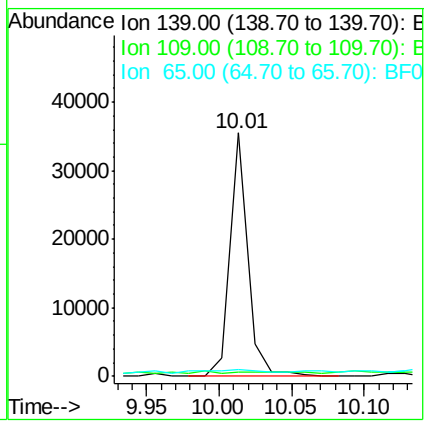


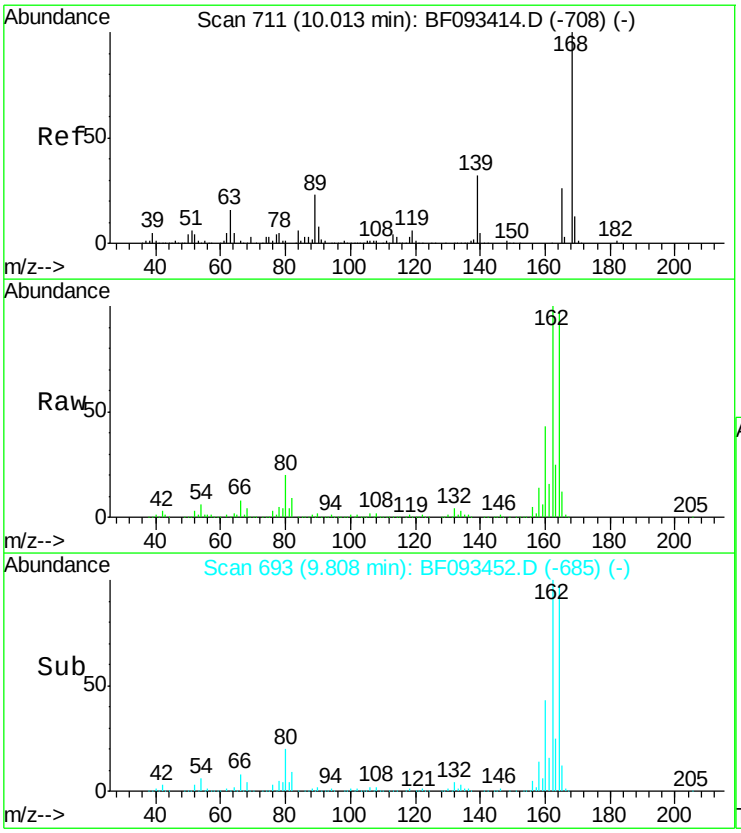
#55
4-Nitrophenol
Concen: 13.31 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.06 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:139 Resp: 30566

Ion	Ratio	Lower	Upper
139	100		
109	1.8	52.2	92.2#
65	3.0	85.8	125.8#

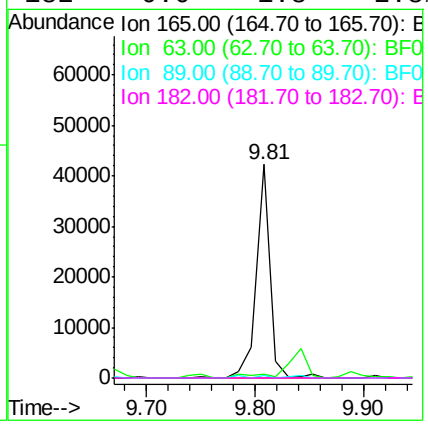


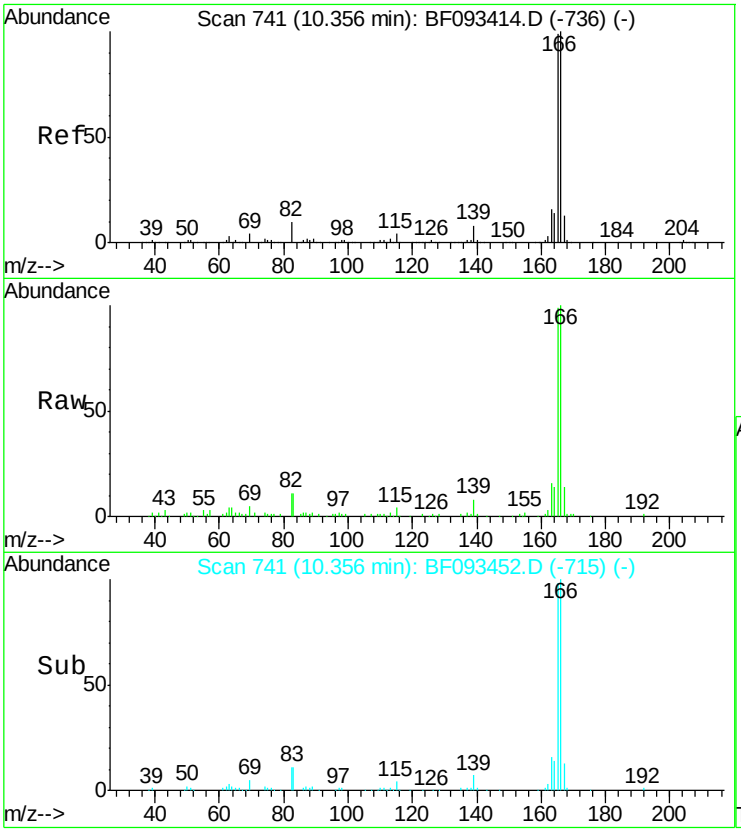


#56
2,4-Dinitrotoluene
Concen: 7.78 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:165 Resp: 37624

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



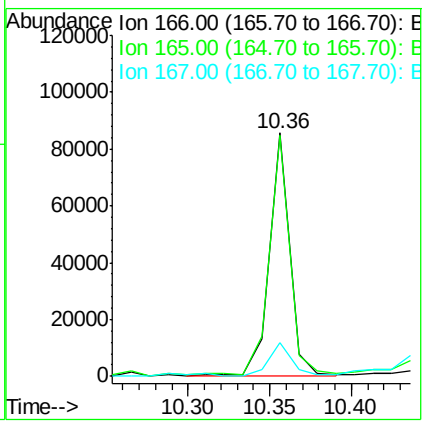


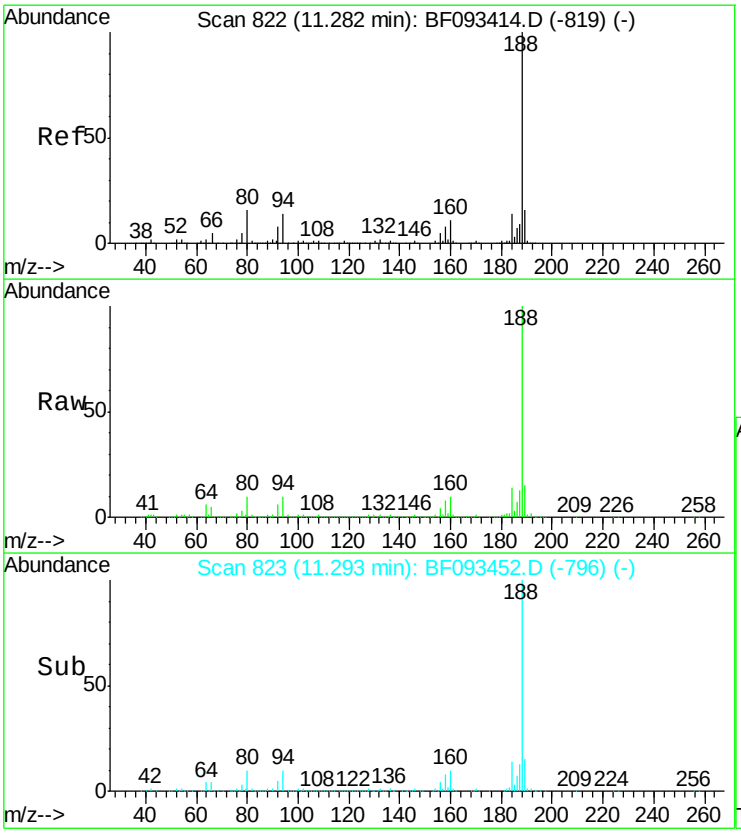
#57
Fluorene
Concen: 4.85 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:166 Resp: 75710

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	13.7	10.8	16.2

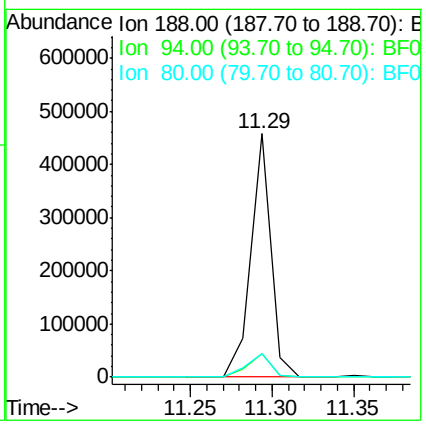


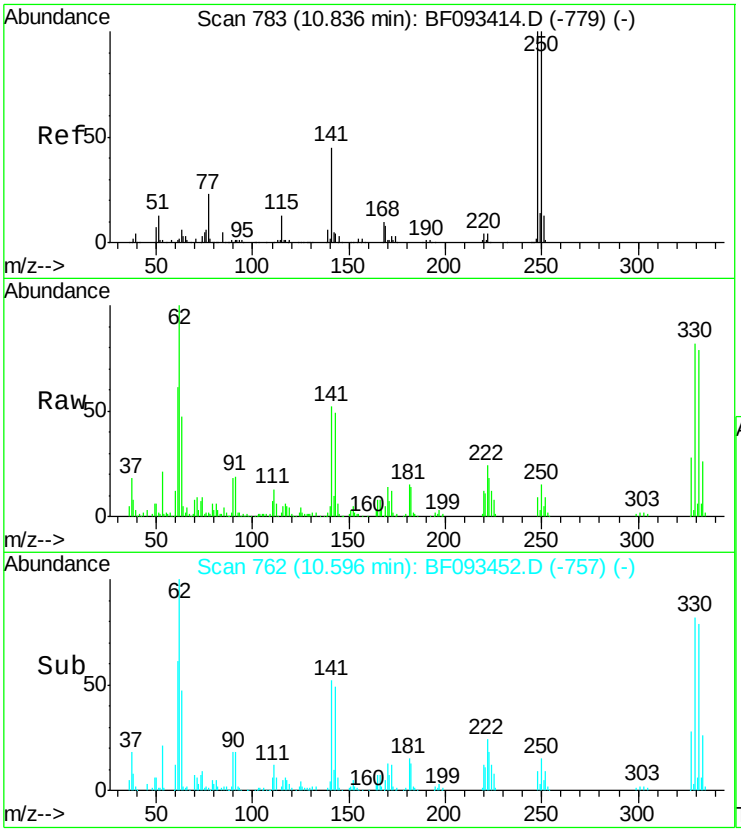


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:188 Resp: 391560

Ion	Ratio	Lower	Upper
188	100		
94	9.7	10.0	15.0#
80	9.7	11.2	16.8#



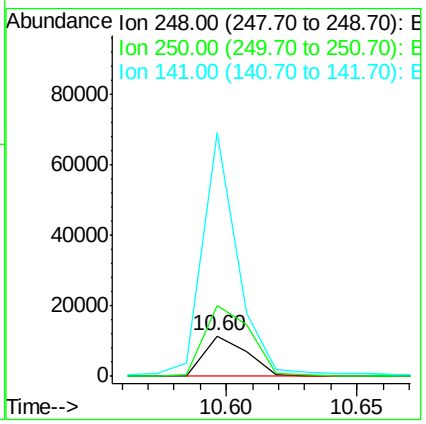


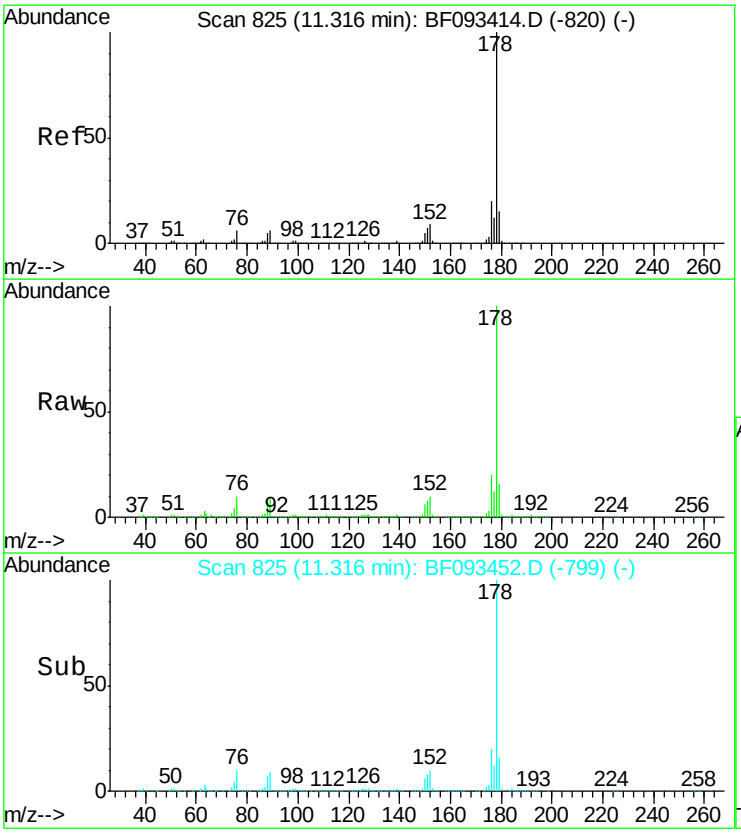
#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:248 Resp: 13118

Ion	Ratio	Lower	Upper
248	100		
250	176.4	76.9	115.3#
141	601.6	68.2	102.4#

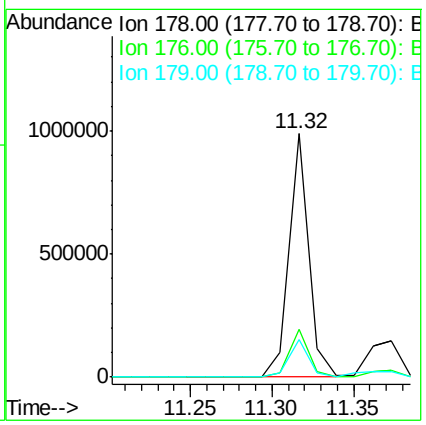


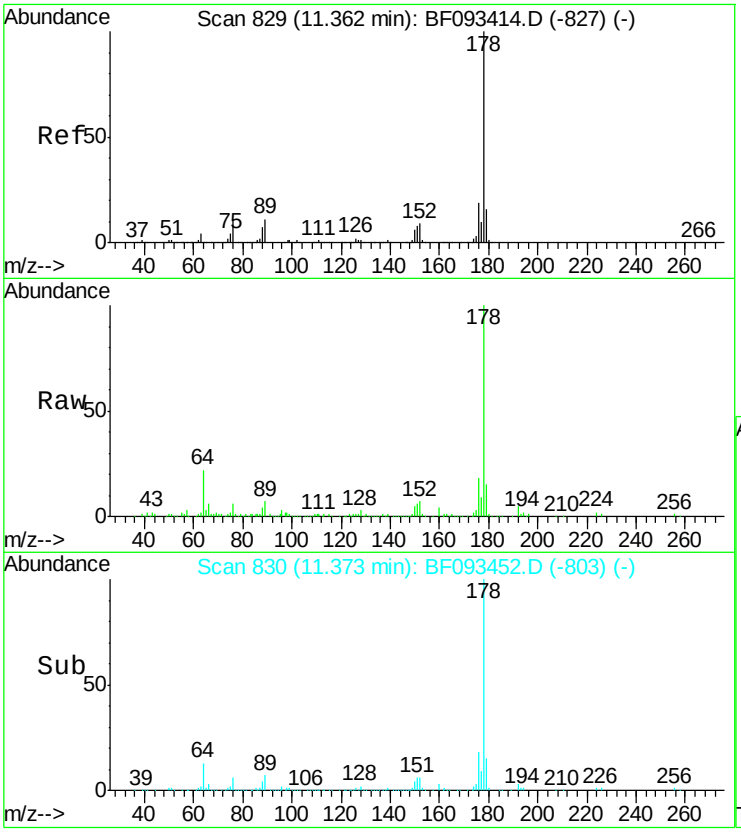


#70
Phenanthrene
Concen: 37.24 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:178 Resp: 832365

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.6	12.8	19.2



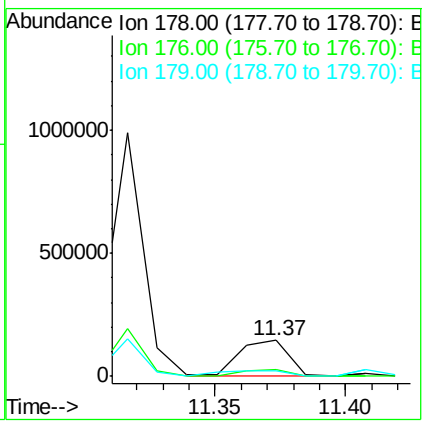


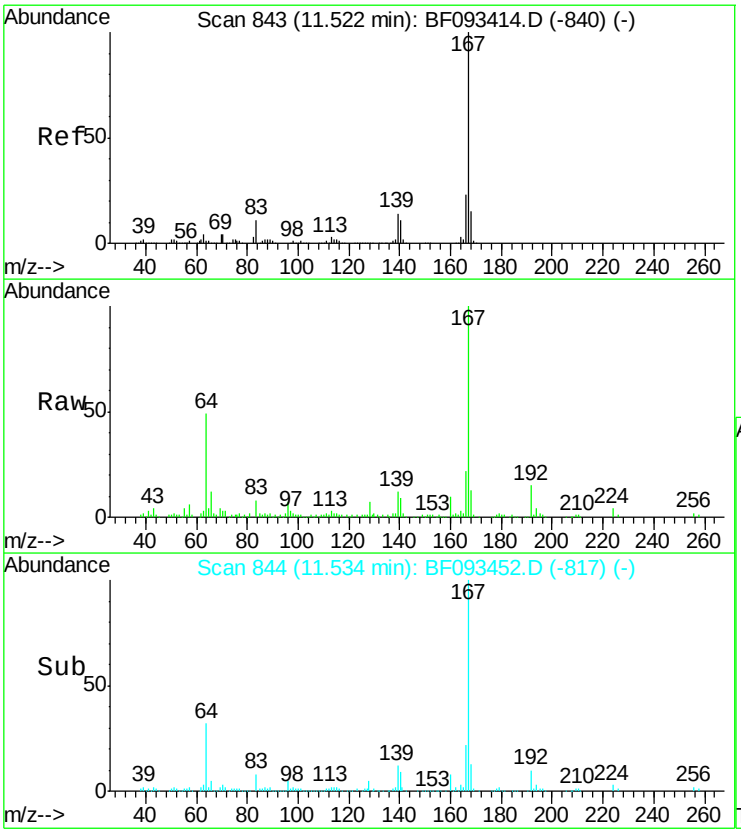
#71
Anthracene
Concen: 8.35 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:178 Resp: 188880

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	14.9	13.2	19.8

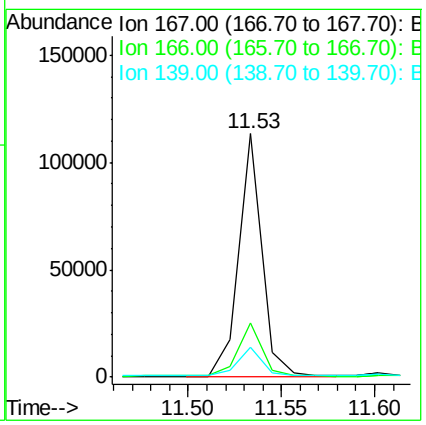


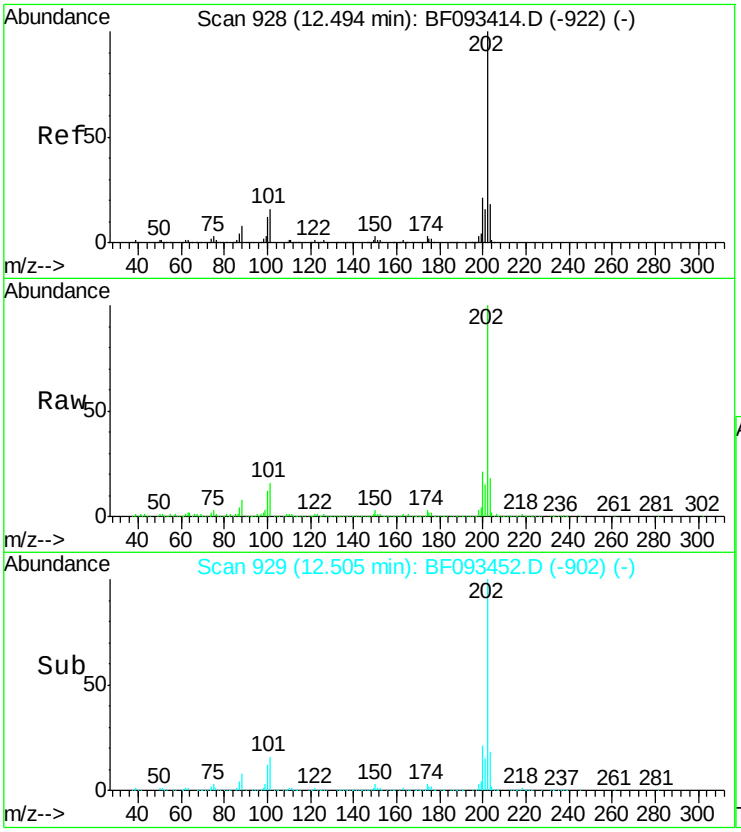


#72
Carbazole
Concen: 4.66 ng
RT: 11.53 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:167 Resp: 98882

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.1	11.4	17.2



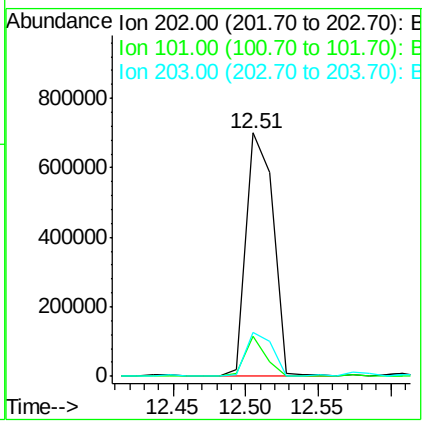


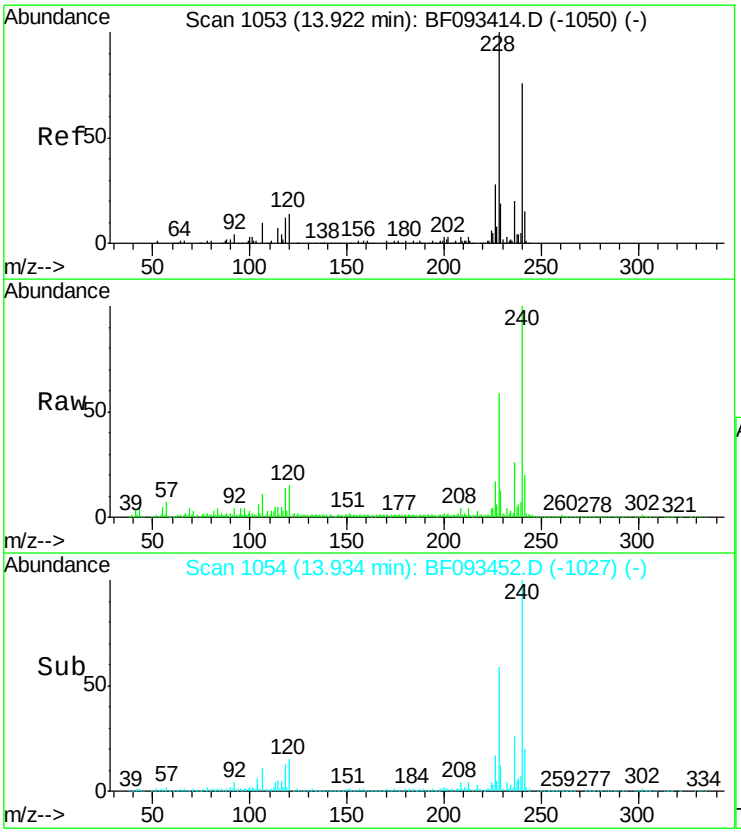
#74
Fluoranthene
Concen: 41.84 ng
RT: 12.51 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:202 Resp: 903355

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	34.6
203	18.0	0.0	38.7

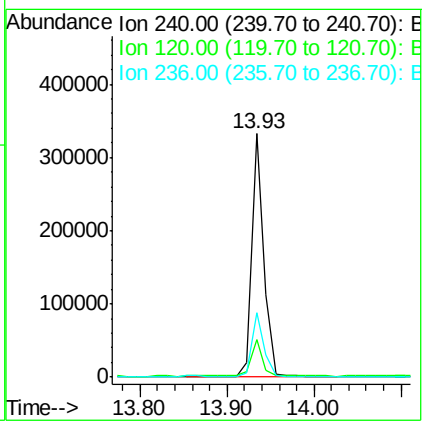


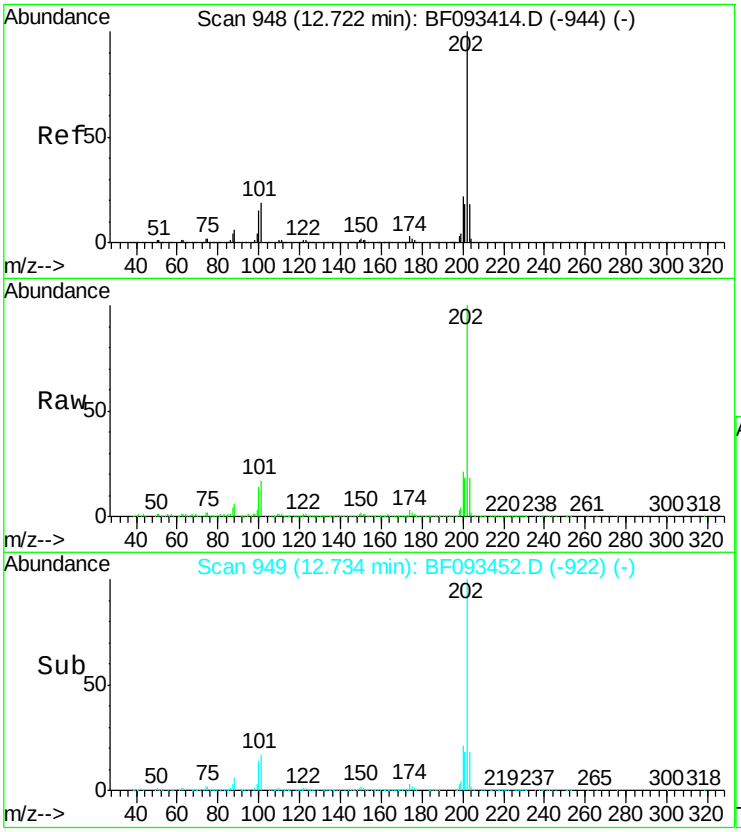


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:240 Resp: 323601

Ion	Ratio	Lower	Upper
240	100		
120	15.4	12.9	19.3
236	26.5	20.9	31.3



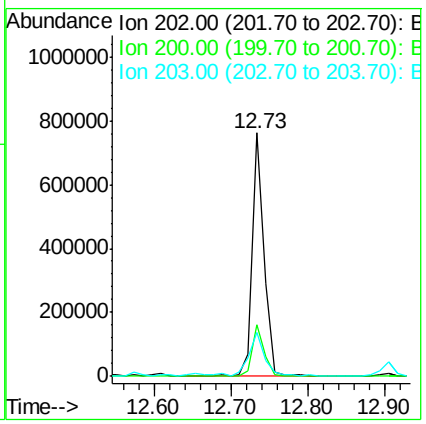


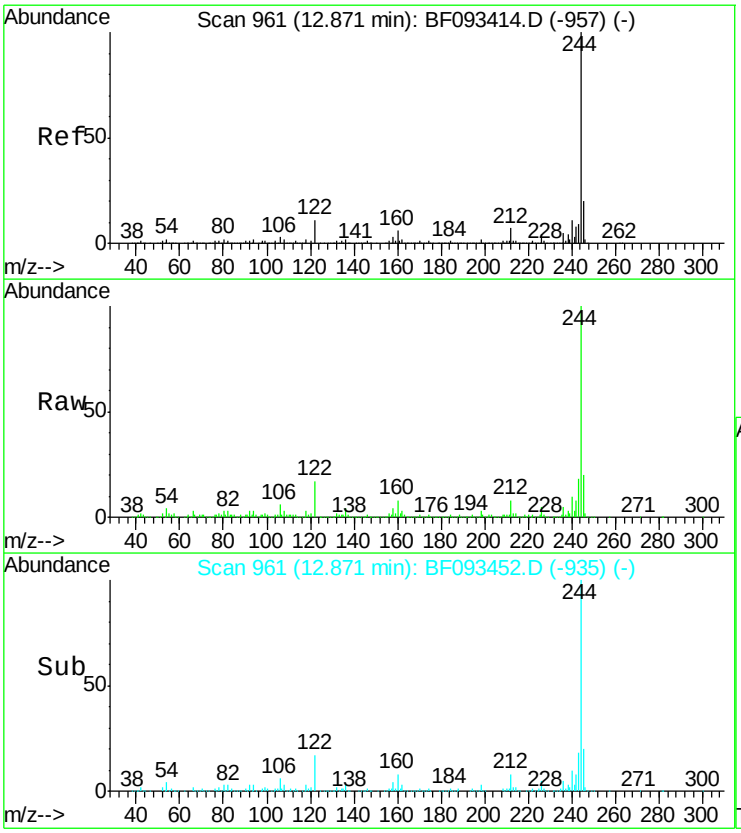
#77
Pyrene
Concen: 33.39 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:202 Resp: 785732

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.9	14.7	22.1

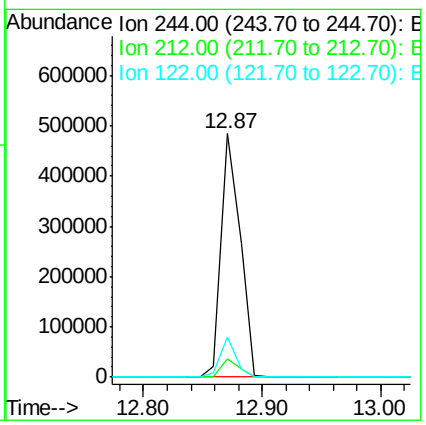


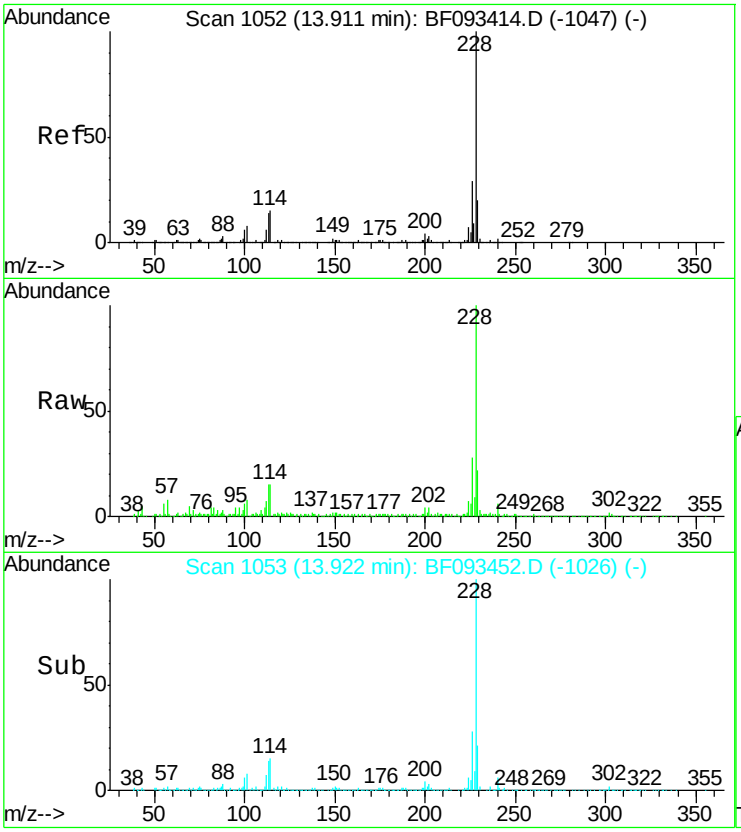


#78
Terphenyl-d14
Concen: 43.00 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:244 Resp: 535220

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	16.7	11.4	17.2



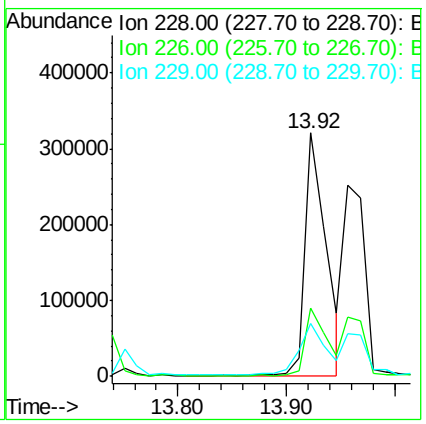


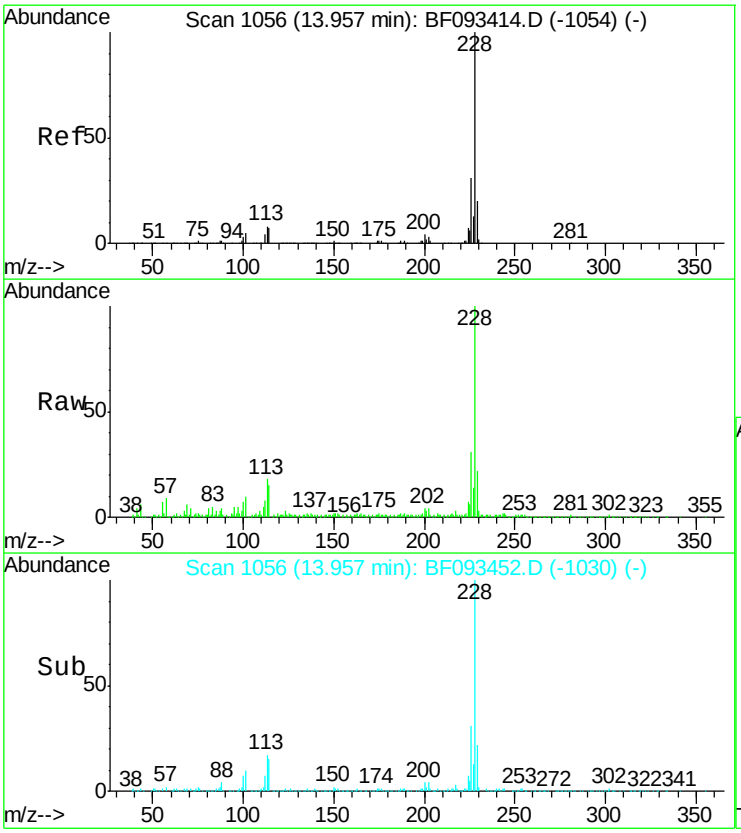
#80
Benzo(a)anthracene
Concen: 22.52 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:228 Resp: 430291

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	21.7	16.2	24.4

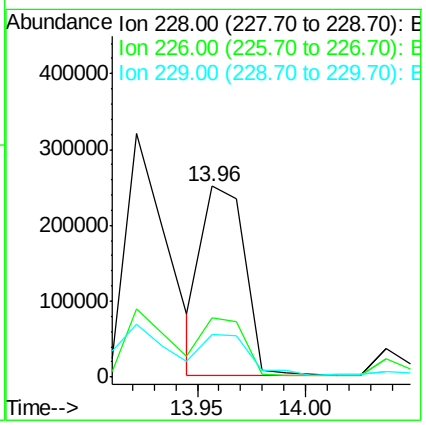


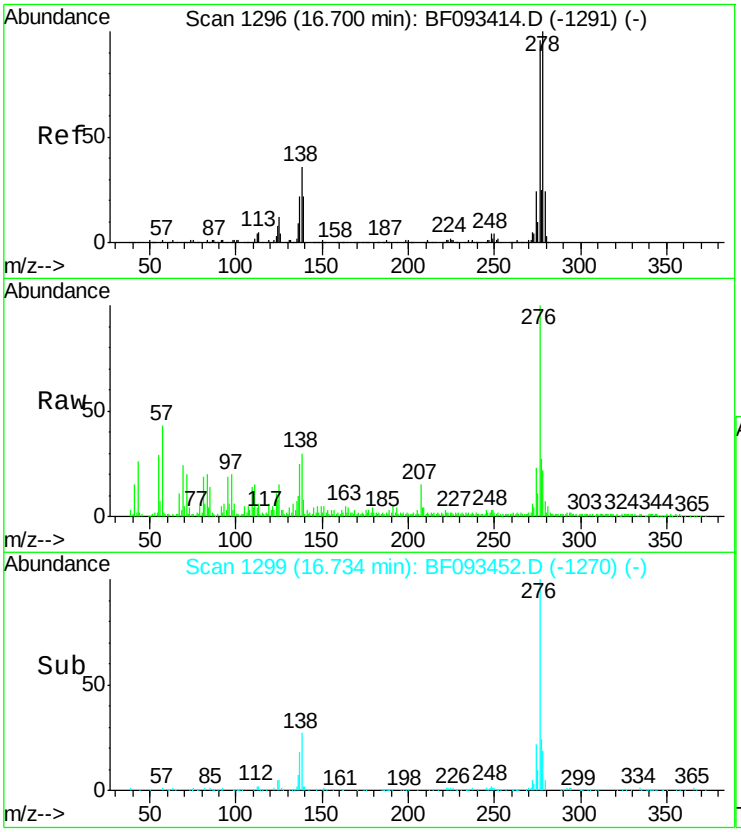


#82
Chrysene
Concen: 19.14 ng
RT: 13.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:228 Resp: 338351

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	22.2	16.2	24.2



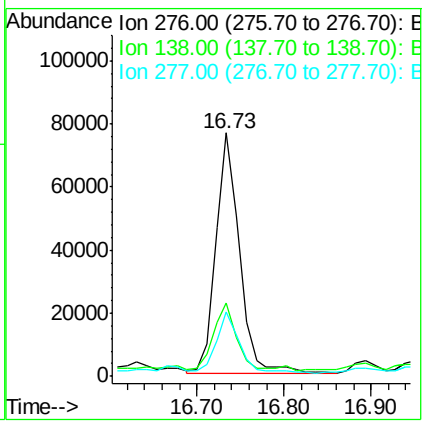


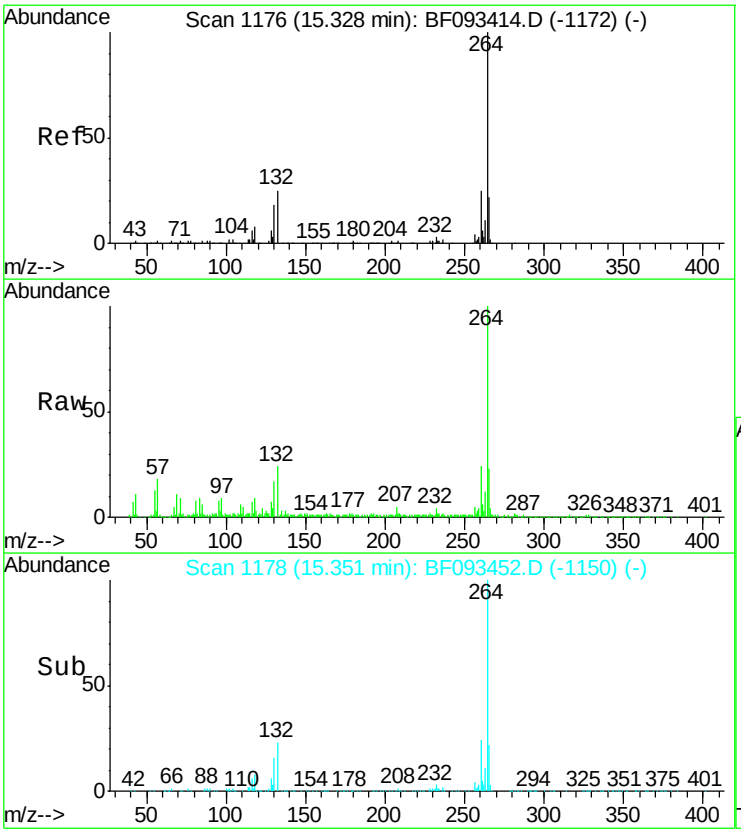
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.77 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:276 Resp: 144626

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.8	32.6
277	24.7	20.2	30.4

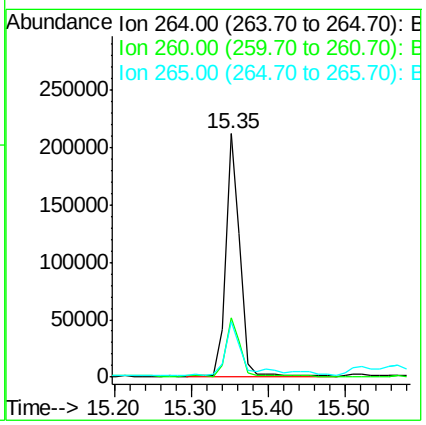


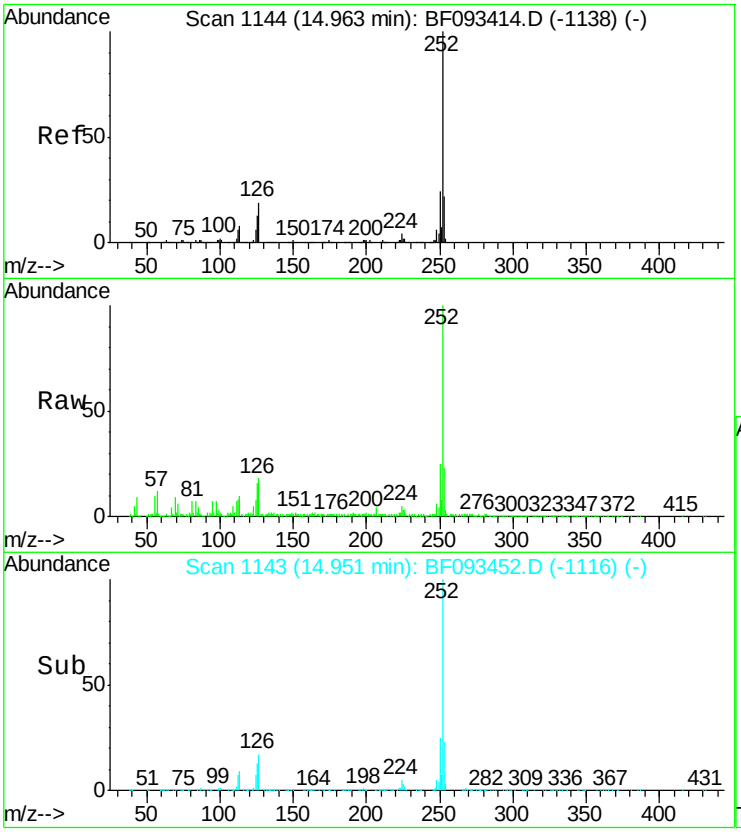


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:264 Resp: 273930

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.0	17.4	26.0



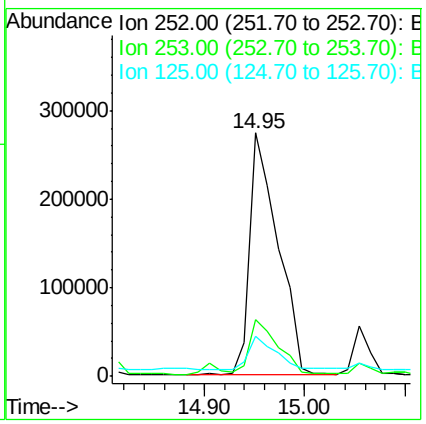


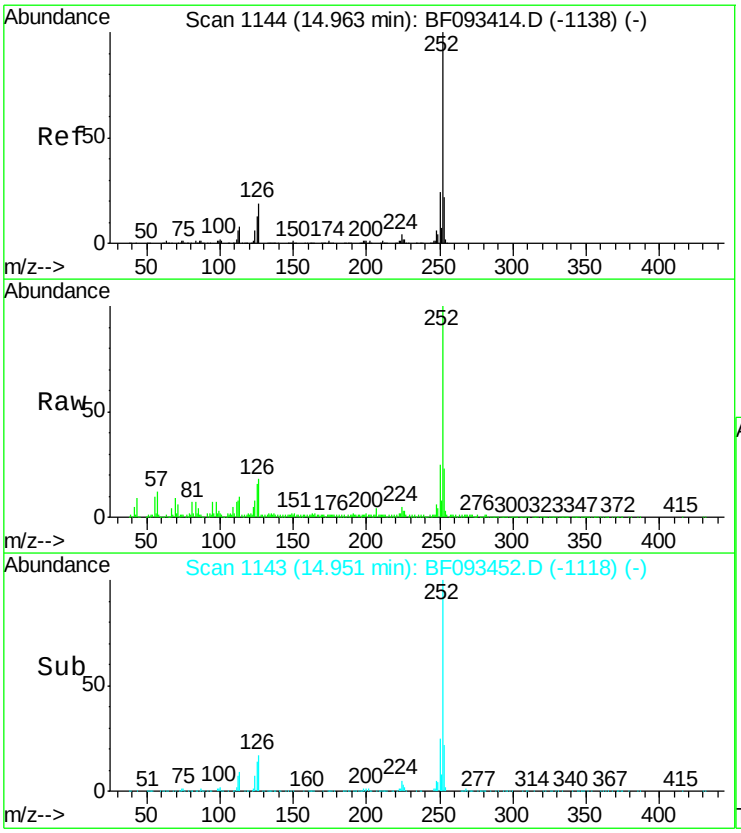
#87
Benzo(b)fluoranthene
Concen: 32.17 ng
RT: 14.95 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:252 Resp: 536691

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	16.4	9.8	14.6#

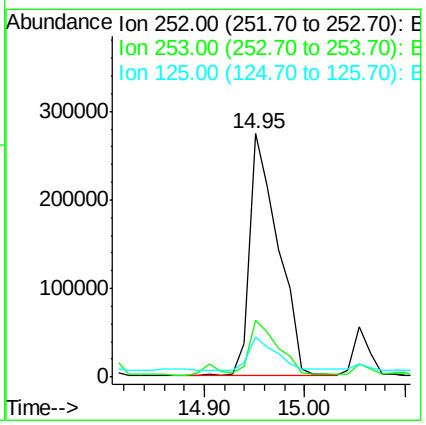


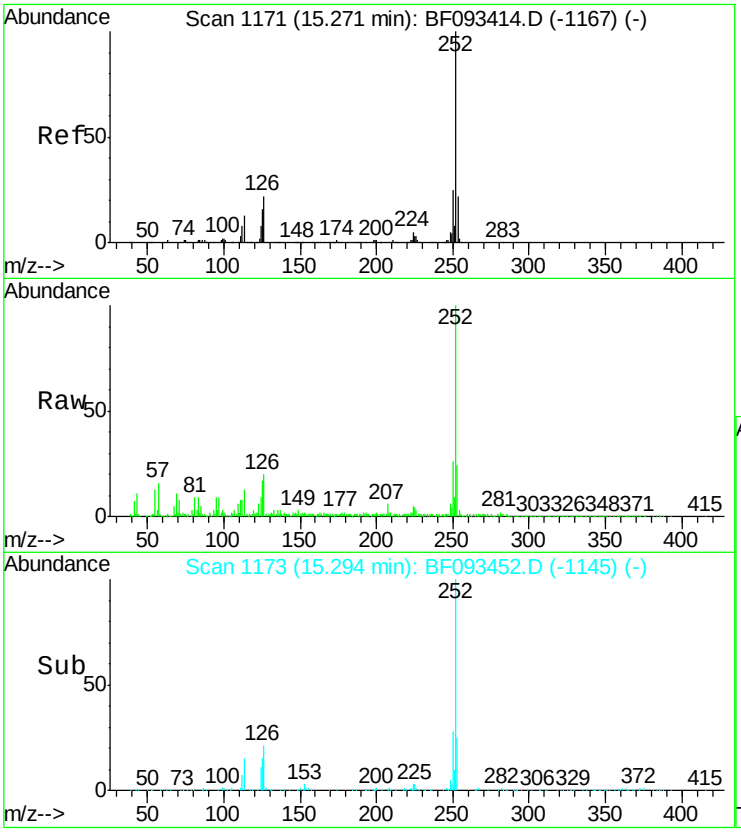


#88
Benzo(k)fluoranthene
Concen: 33.36 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:252 Resp: 536691

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	16.4	8.9	13.3#



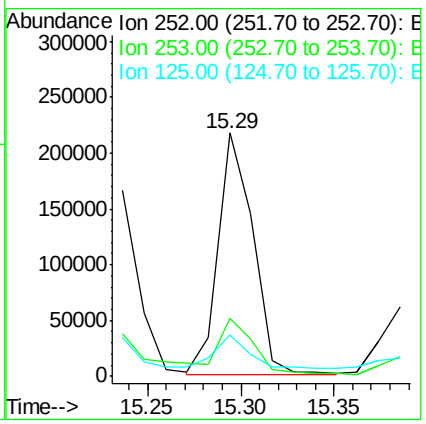


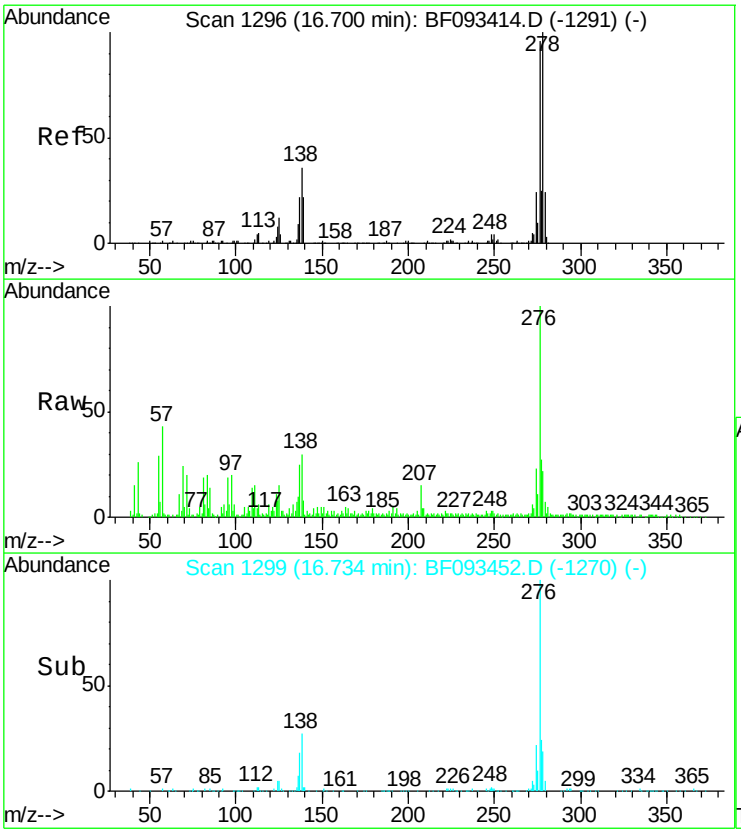
#89
Benzo(a)pyrene
Concen: 18.53 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:252 Resp: 282562

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	17.2	10.0	15.0#

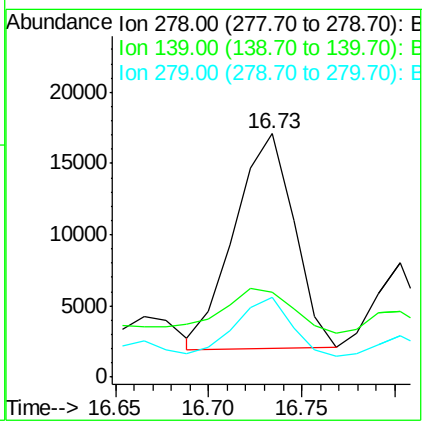


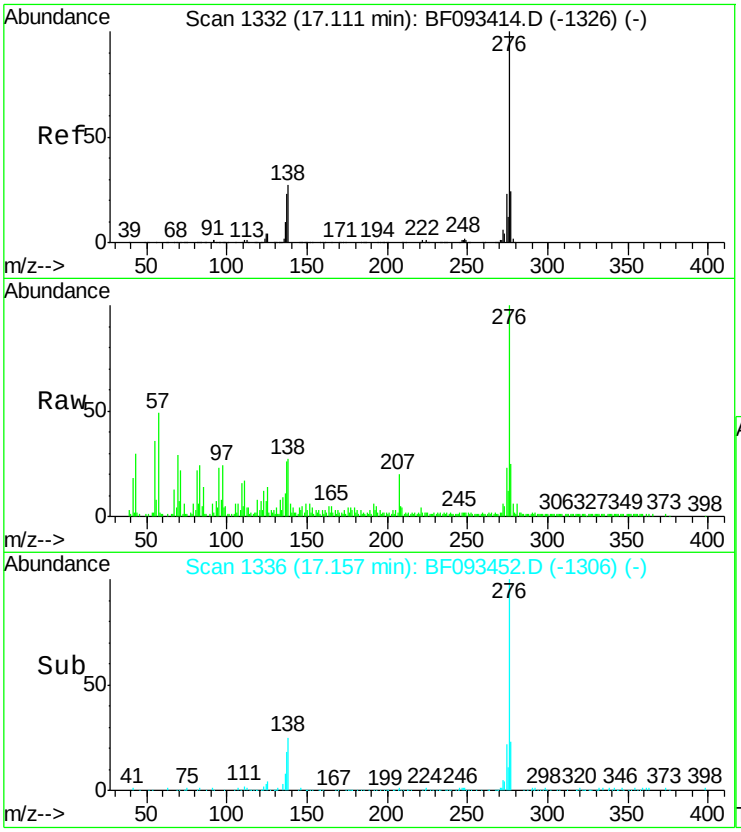


#90
Dibenzo(a,h)anthracene
Concen: 2.66 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Tgt Ion:278 Resp: 33528

Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.8	22.2#
279	32.7	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 10.21 ng
RT: 17.16 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF093452.D
Acq: 9 Mar 2017 2:07

Instrument :
BNA_F
ClientSampleId :
HY-SB415B

Tgt Ion:276 Resp: 132221

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	27.3	16.0	24.0#