Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086330.D
Acq On : 21 Apr 2016 1:29
Operator : UM/SJ
Sample : H2601-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RODNEY-AVE-PS(0-2)H

Quant Time: Apr 21 02:04:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	222361	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	780144	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	289222	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	507336	20.00	ng		-0.02
75) Chrysene-d12	14.04	240	271592	20.00	ng		-0.01
86) Perylene-d12	15.47	264	264523	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1387996	108.91	ng		-0.01
7) Phenol-d6	6.50	99	1626044	97.50	ng		-0.02
23) Nitrobenzene-d5	7.42	82	974420	71.53	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	242850	107.73	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	1348020	90.34	ng		-0.03
78) Terphenyl-d14	12.98	244	991179	86.87	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	125017	12.37	ng	#	81
31) Naphthalene	8.18	128	315410	8.48	ng		96
33) 4-Chloroaniline	8.18	127	40463	2.63	ng	#	40
37) 2-Methylnaphthalene	8.86	142	101782	4.43	ng		99
48) Acenaphthylene	9.77	152	515047	19.16	ng		98
49) Dimethylphthalate	9.62	163	149740	6.80	ng		99
51) Acenaphthene	9.94	154	244828	15.53	ng		99
54) Dibenzofuran	10.11	168	237151	11.06	ng		97
55) 4-Nitrophenol	10.11	139	93176	26.08	ng	#	6
57) Fluorene	10.45	166	367428	23.13	ng		99
64) 4,6-Dinitro-2-methylphenol	10.65	198	230	6.18	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	16074	2.95	ng	#	1
70) Phenanthrene	11.43	178	2782409	115.73	ng		99
71) Anthracene	11.47	178	1480948	57.52	ng		98
72) Carbazole	11.62	167	345279	14.17	ng		100
74) Fluoranthene	12.63	202	4742404	212.75	ng		96
77) Pyrene	12.85	202	4212108	209.07	ng		99
80) Benzo(a)anthracene	14.03	228	2622956	183.34	ng		95
82) Chrysene	14.03	228	2622956	169.61	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1226013	77.10	ng		95
87) Benzo(b)fluoranthene	15.07	252	2896324	189.31	ng		96
88) Benzo(k)fluoranthene	15.07	252	2896324	224.87	ng	#	93
89) Benzo(a)pyrene	15.43	252	1572057	111.48	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	325515	26.44	ng	#	90
91) Benzo(g,h,i)perylene	17.33	276	1217609	103.16	ng		96

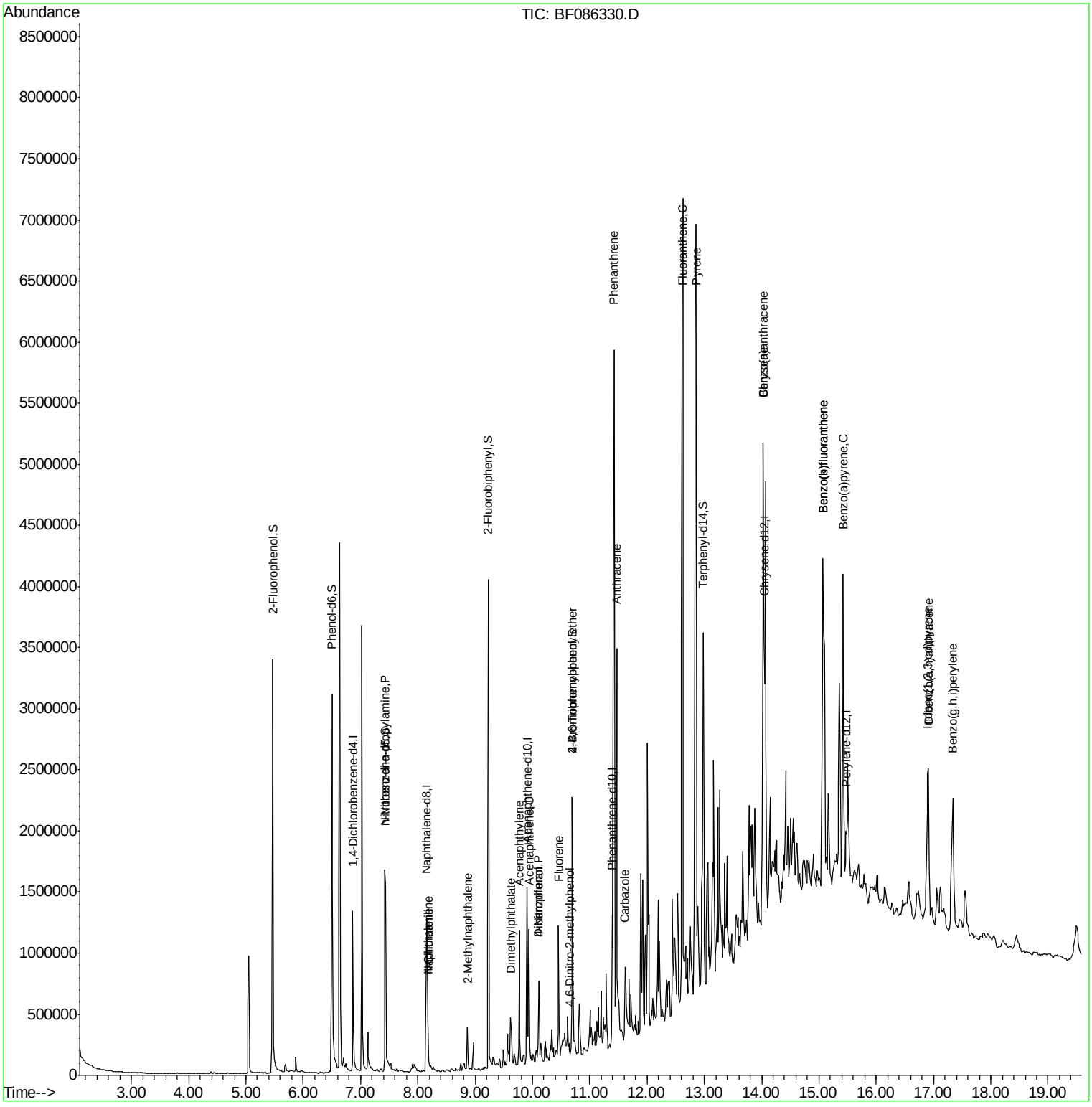
(#) = qualifier out of range (m) = manual integration (+) = signals summed

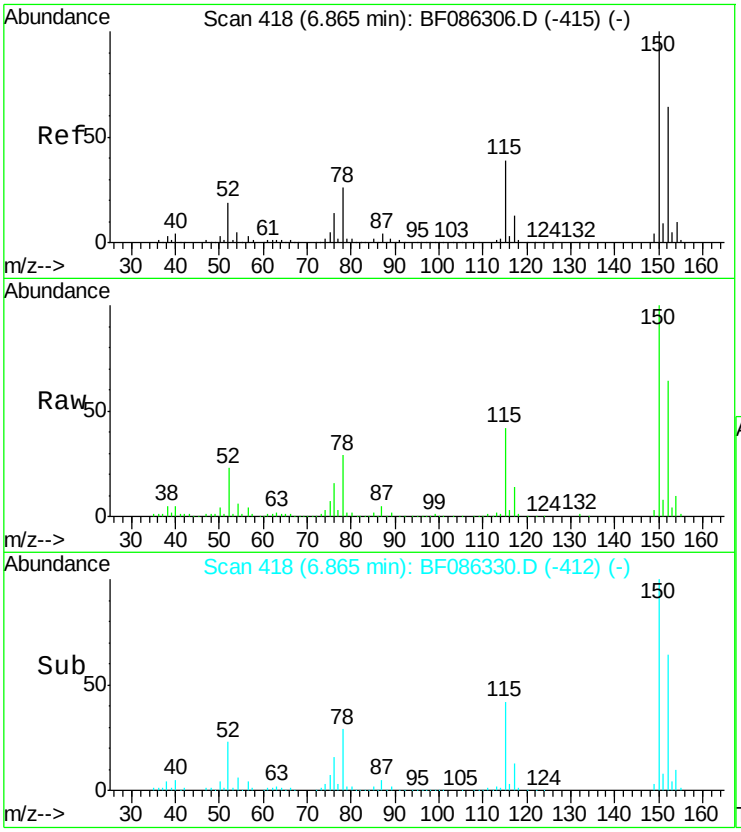
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086330.D
Acq On : 21 Apr 2016 1:29
Operator : UM/SJ
Sample : H2601-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Quant Time: Apr 21 02:04:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration



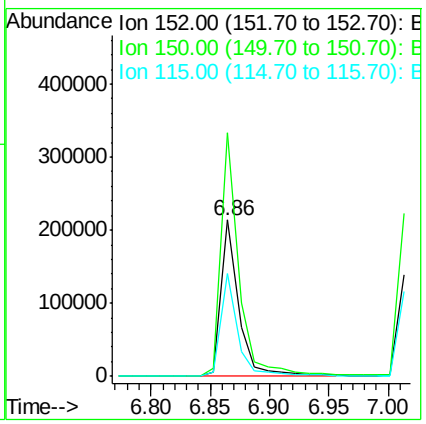


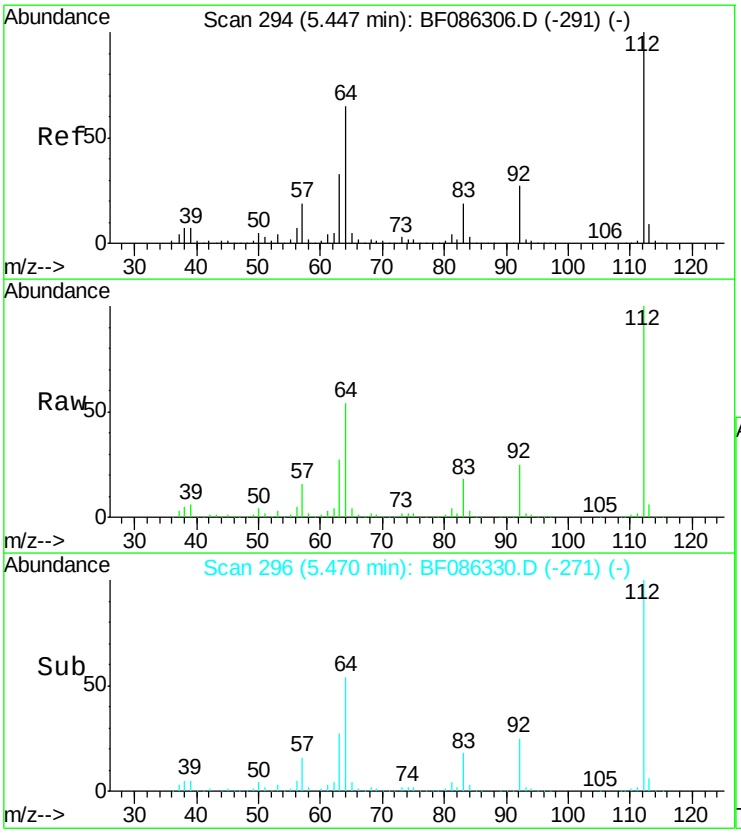
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:152 Resp: 222361

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.1	186.1
115	66.1	43.9	65.9#

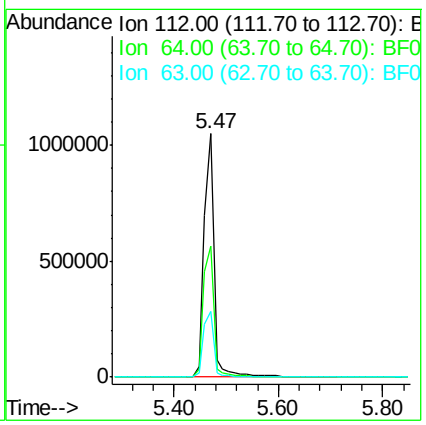


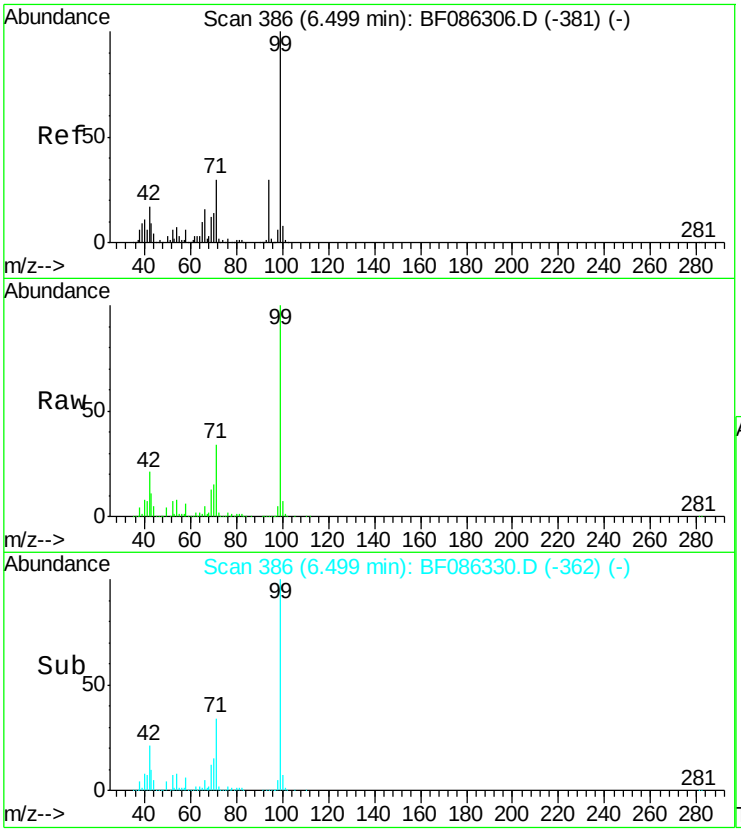


#5
2-Fluorophenol
Concen: 108.91 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:112 Resp: 1387996

Ion	Ratio	Lower	Upper
112	100		
64	53.6	48.1	72.1
63	26.9	25.5	38.3



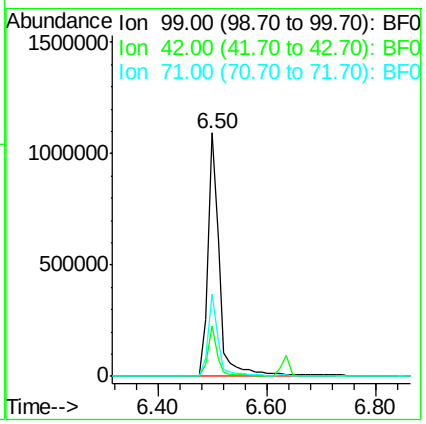


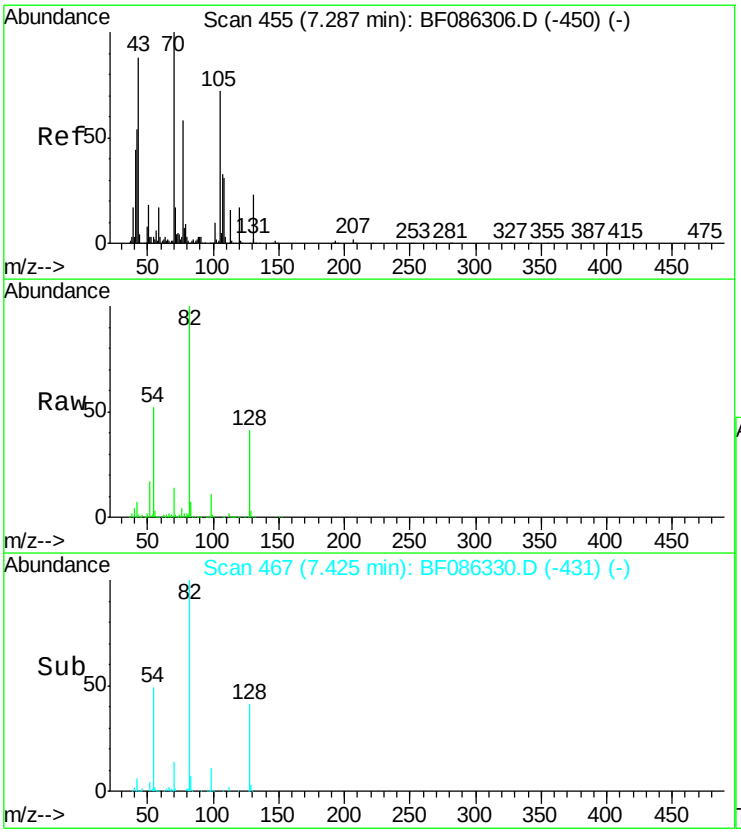
#7
Phenol-d6
Concen: 97.50 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion: 99 Resp: 1626044

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.4	23.2
71	33.6	25.6	38.4

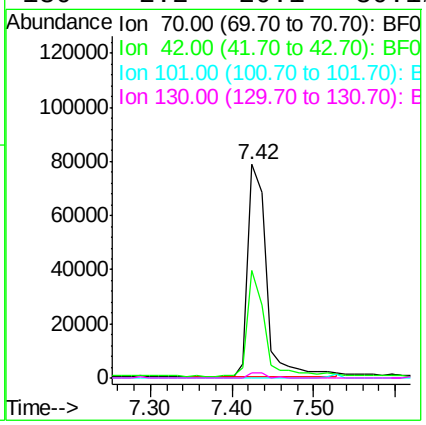


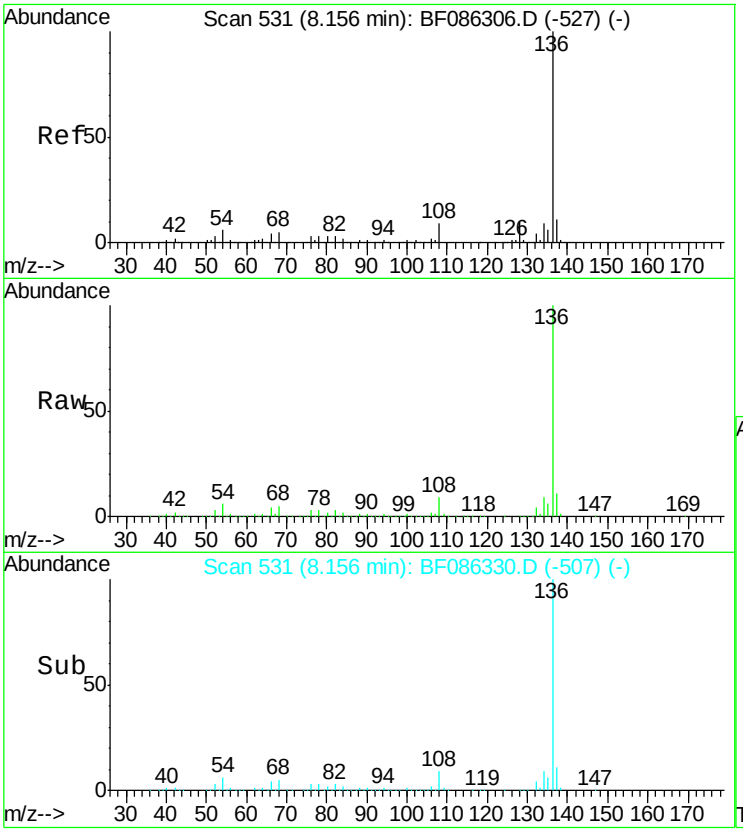


#19
n-Nitroso-di-n-propylamine
Concen: 12.37 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.11 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion: 70 Resp: 125017

Ion	Ratio	Lower	Upper
70	100		
42	50.6	43.0	64.4
101	0.0	8.1	12.1#
130	2.2	20.1	30.1#



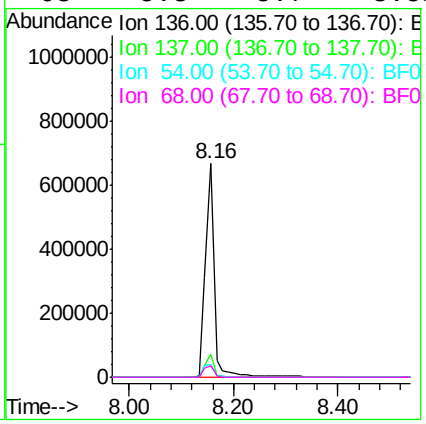


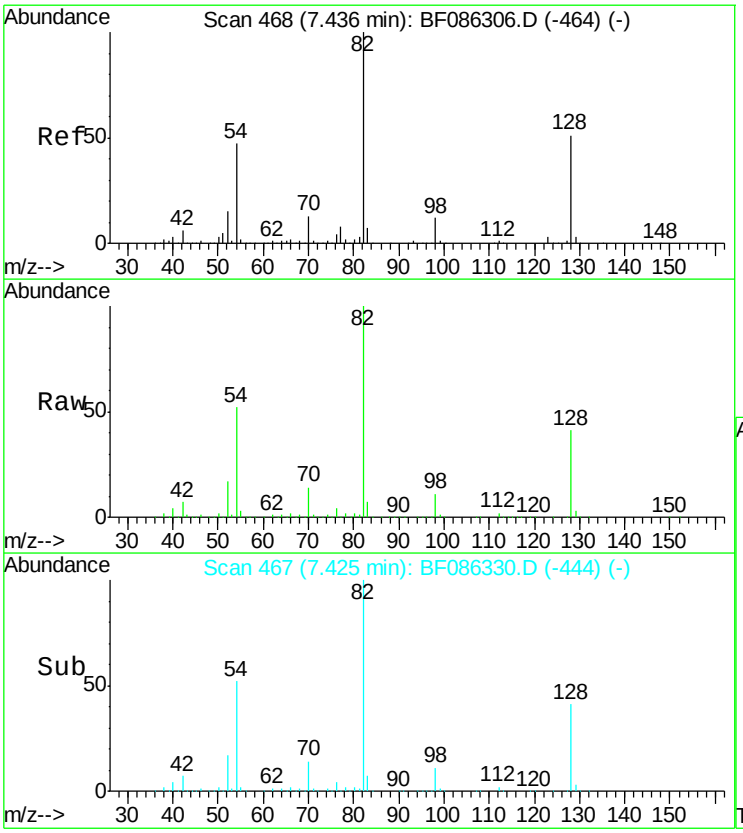
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:136 Resp: 780144

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.9	7.3	10.9#
68	5.3	5.7	8.5#

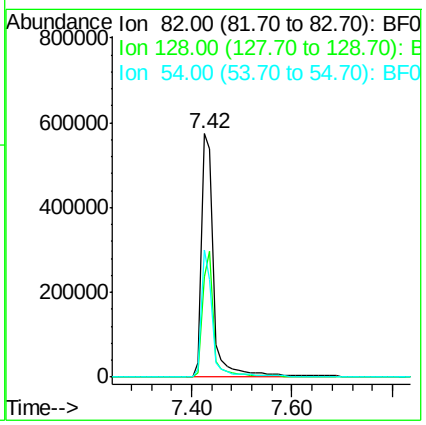


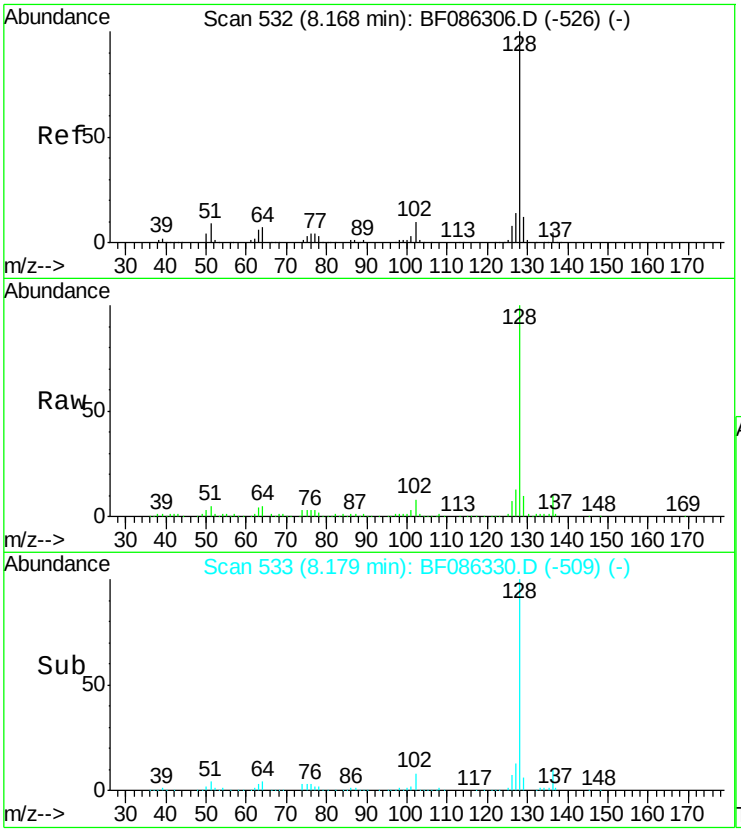


#23
Nitrobenzene-d5
Concen: 71.53 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion: 82 Resp: 974420

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.4	53.2
54	52.4	43.4	65.0



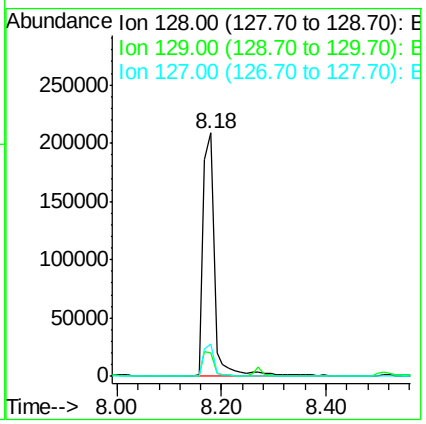


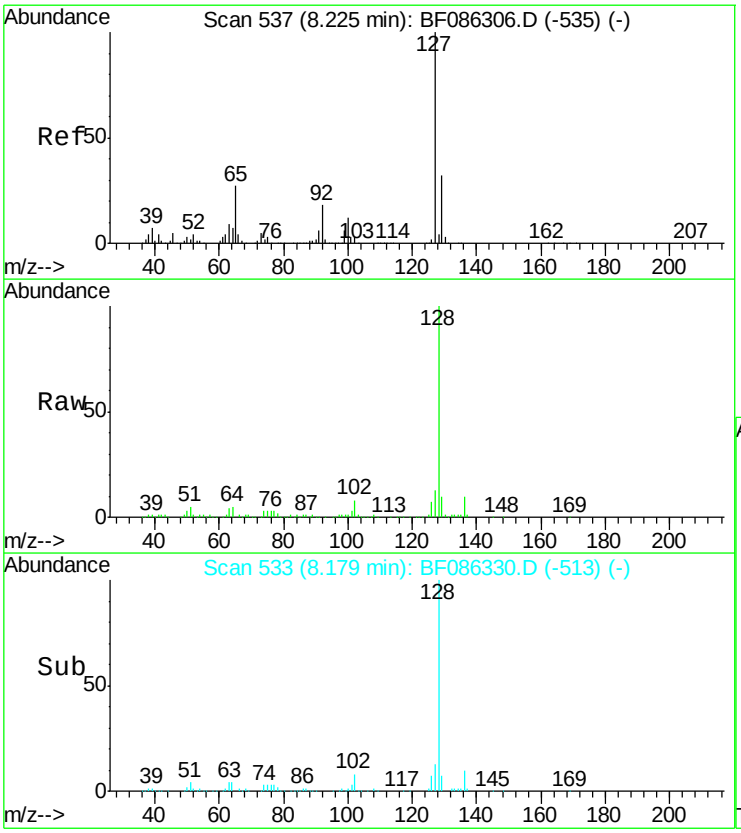
#31
Naphthalene
Concen: 8.48 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:128 Resp: 315410

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.6	14.4
127	13.4	11.4	17.2

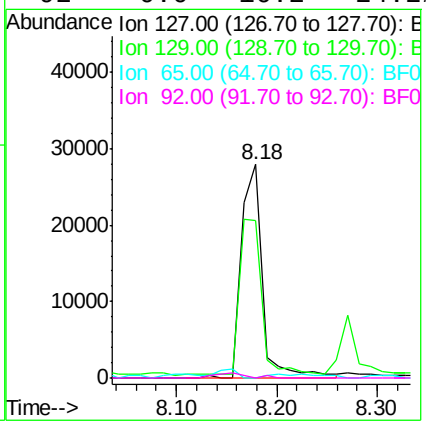


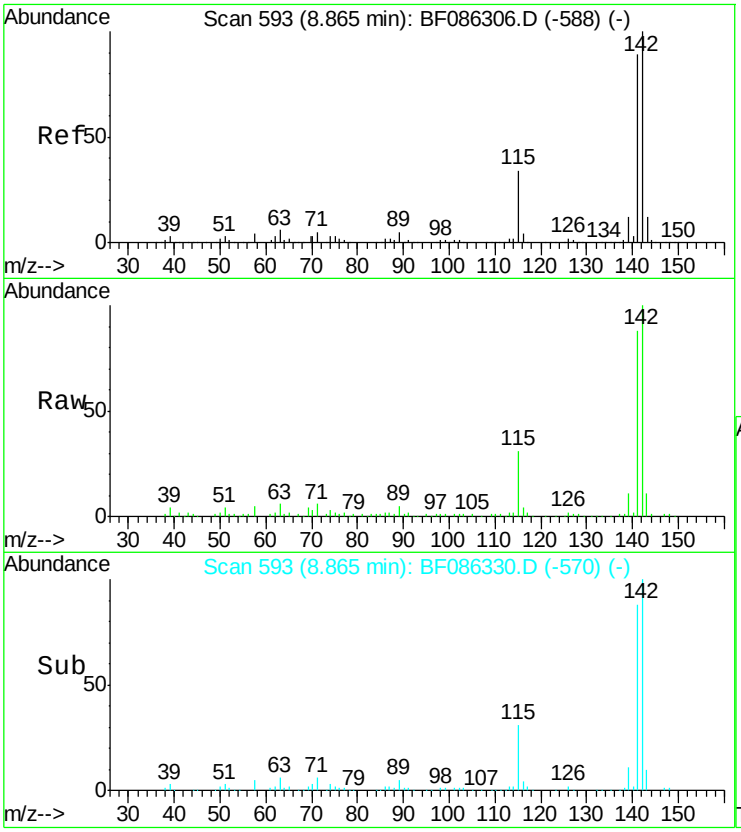


#33
4-Chloroaniline
Concen: 2.63 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:127 Resp: 40463

Ion	Ratio	Lower	Upper
127	100		
129	73.8	26.8	40.2#
65	0.0	27.1	40.7#
92	0.0	16.2	24.2#



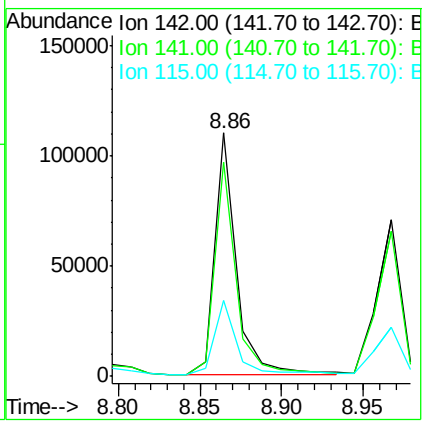


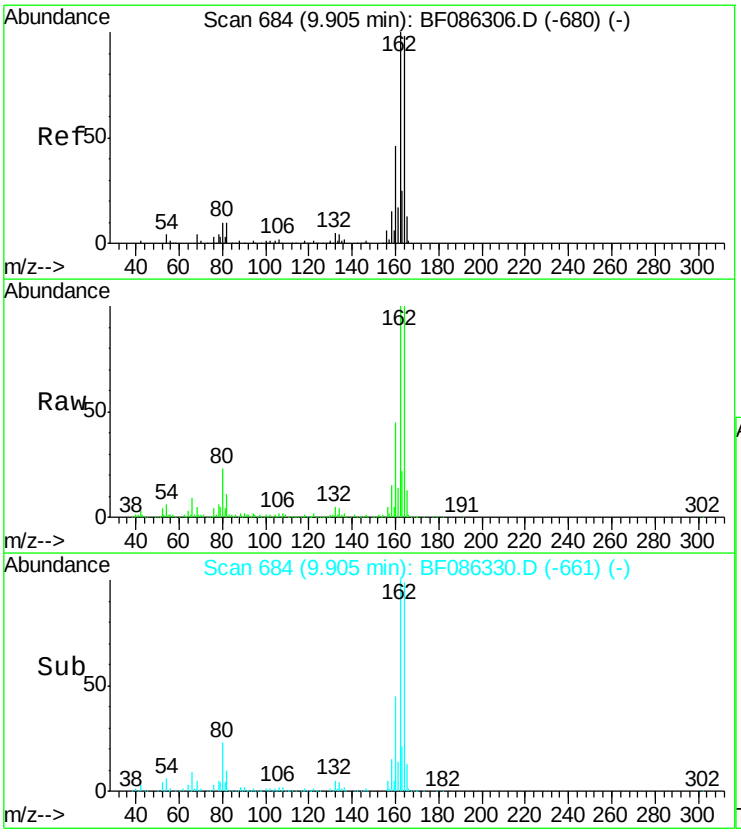
#37
2-Methylnaphthalene
Concen: 4.43 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:142 Resp: 101782

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	31.3	25.1	37.7

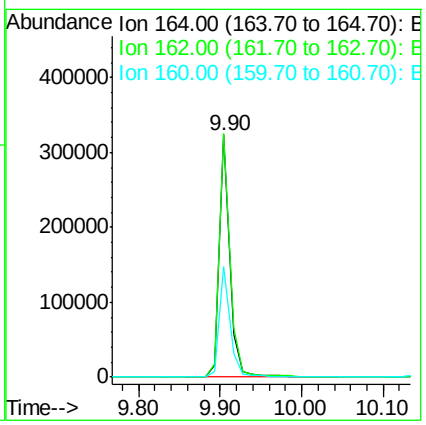


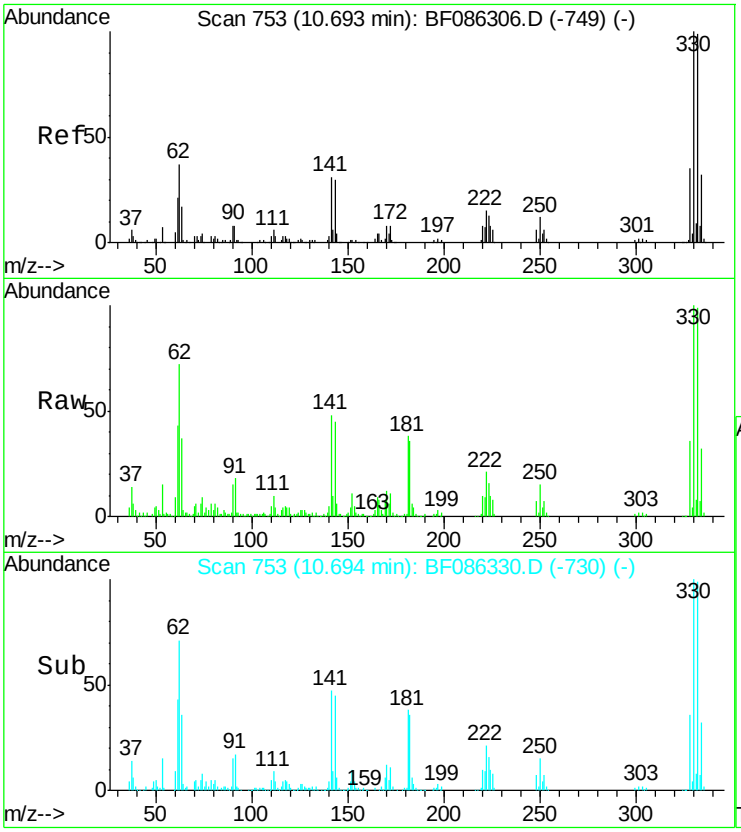


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:164 Resp: 289222

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	45.5	38.9	58.3



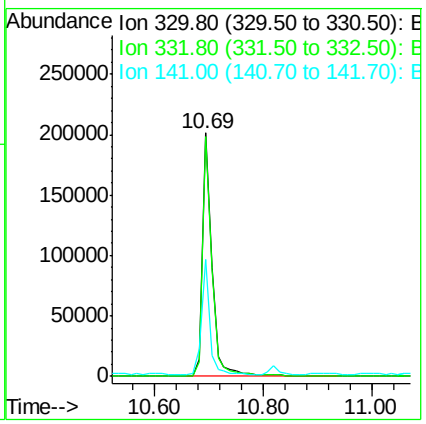


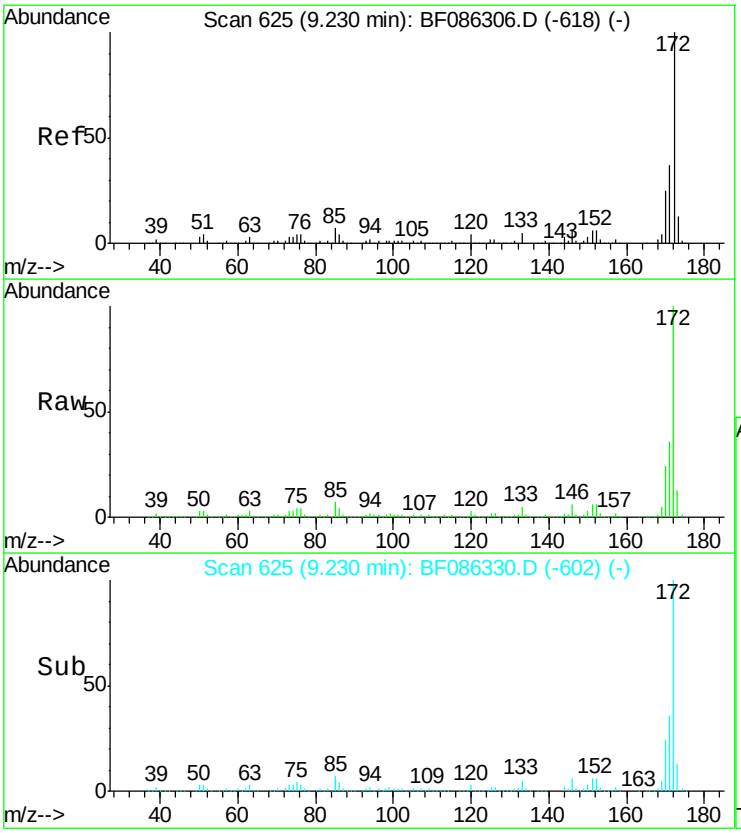
#41
2,4,6-Tribromophenol
Concen: 107.73 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:330 Resp: 242850

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.7	118.1
141	41.5	28.6	42.8

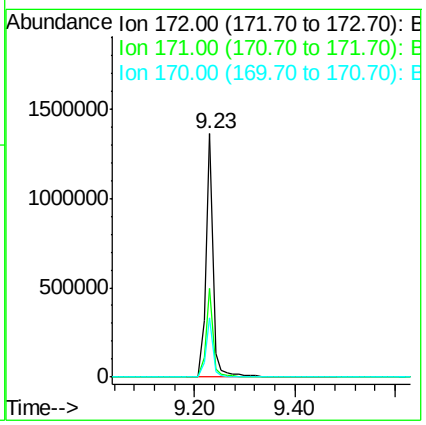


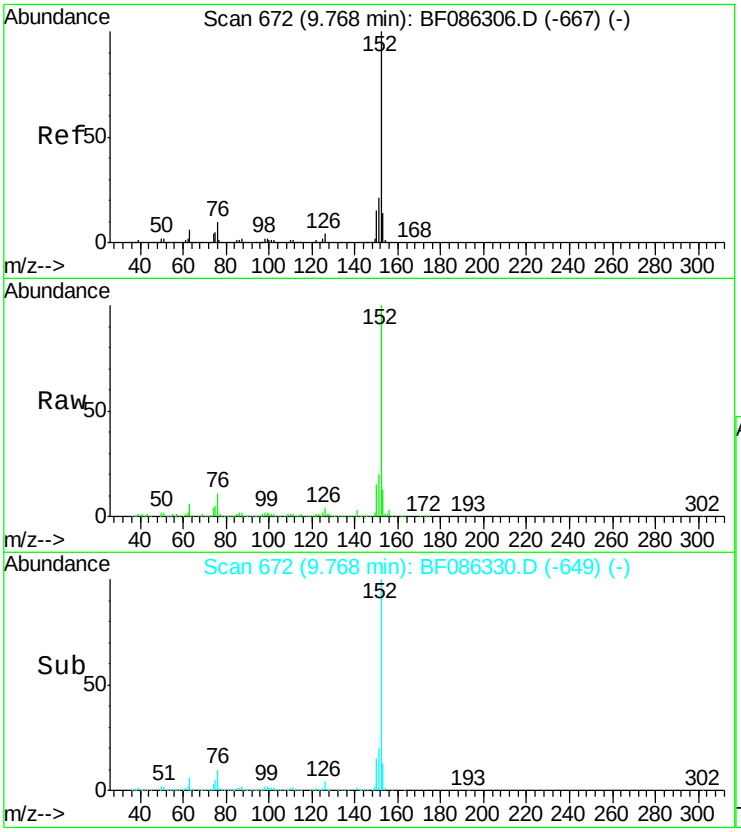


#44
2-Fluorobiphenyl
Concen: 90.34 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:172 Resp: 1348020

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.5	19.9	29.9



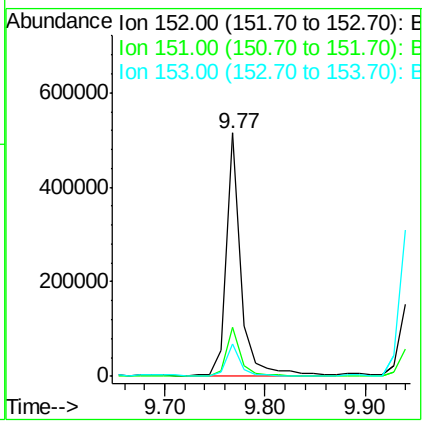


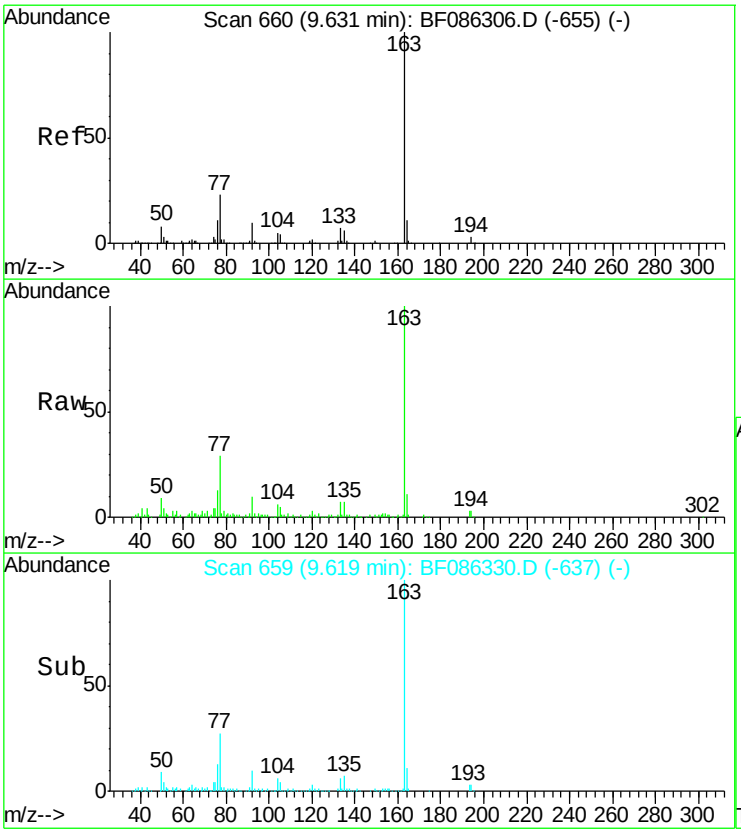
#48
Acenaphthylene
Concen: 19.16 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:152 Resp: 515047

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	13.2	10.7	16.1

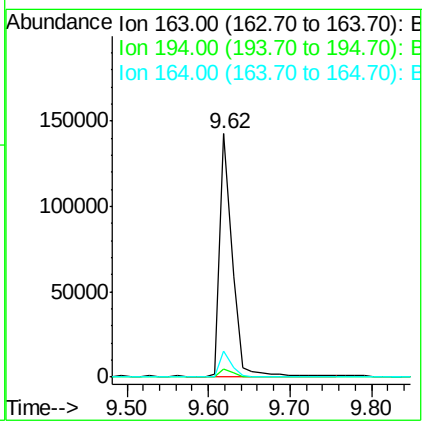


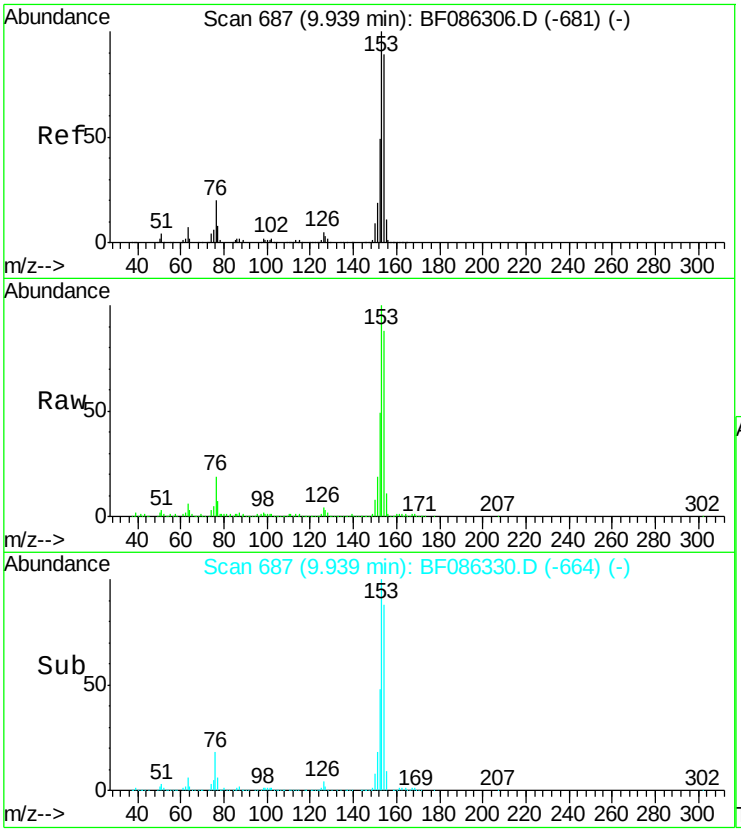


#49
Dimethylphthalate
Concen: 6.80 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:163 Resp: 149740

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.9	8.4	12.6



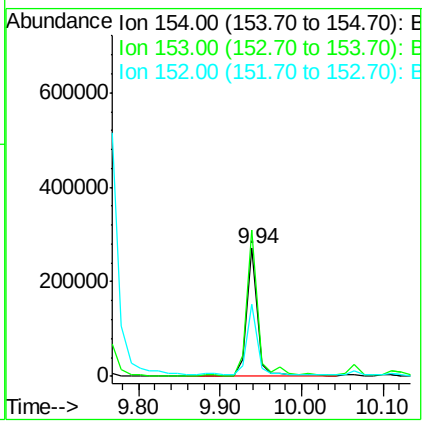


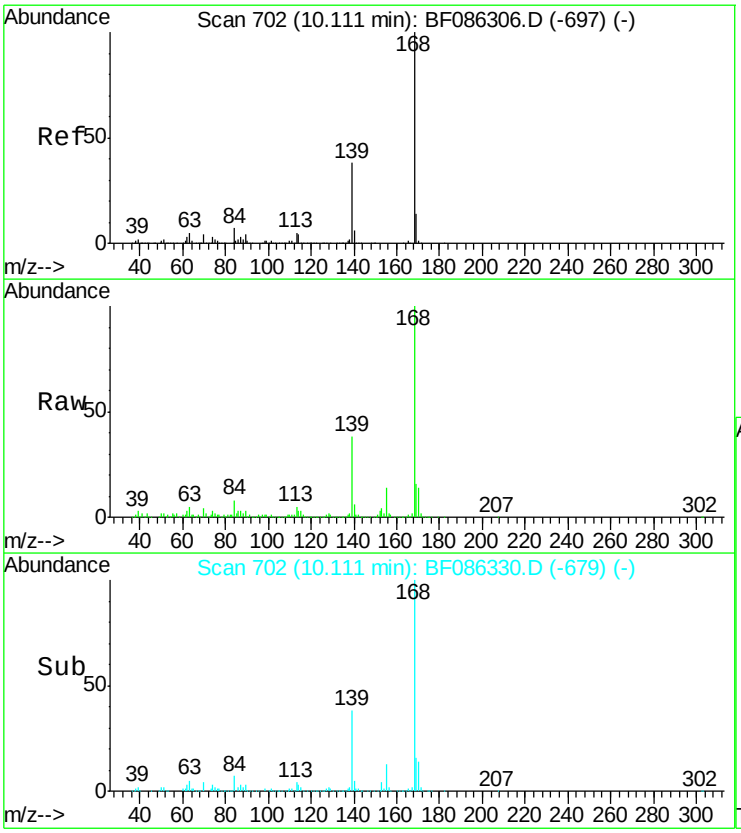
#51
Acenaphthene
Concen: 15.53 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:154 Resp: 244828

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.0	135.0
152	56.0	44.3	66.5

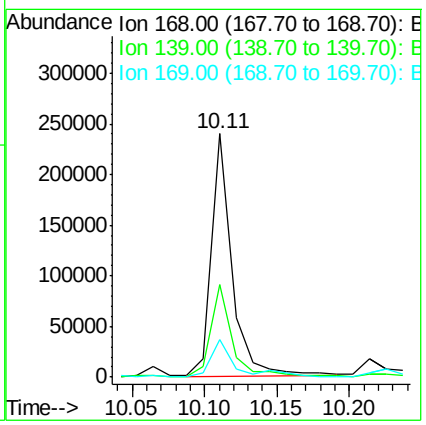


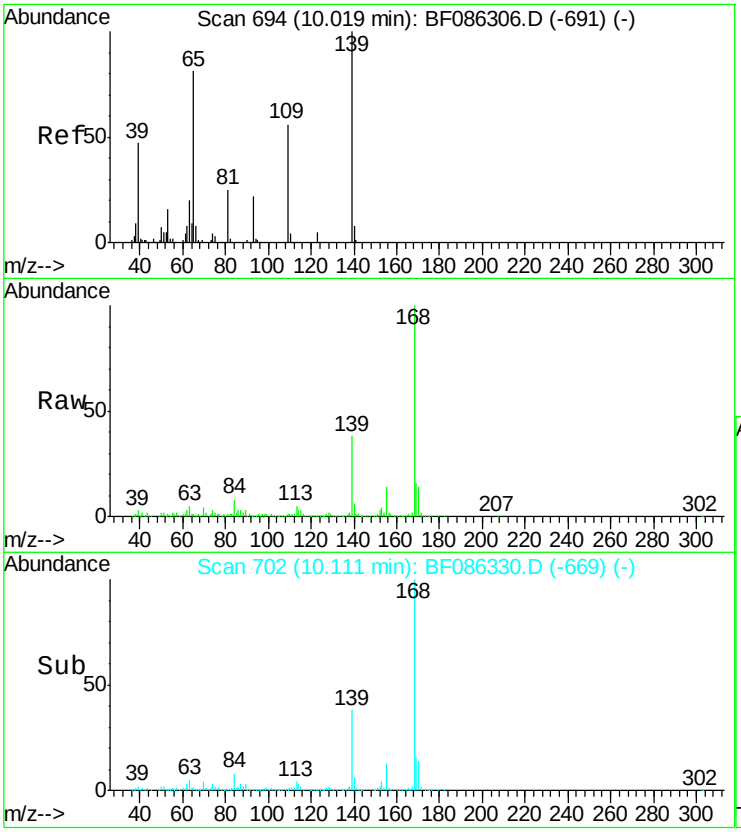


#54
Dibenzofuran
Concen: 11.06 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:168 Resp: 237151

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.5	44.3
169	15.5	10.6	16.0



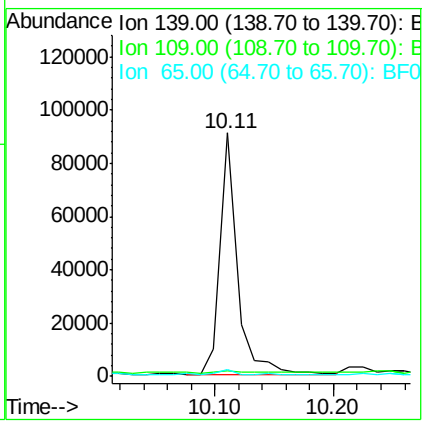


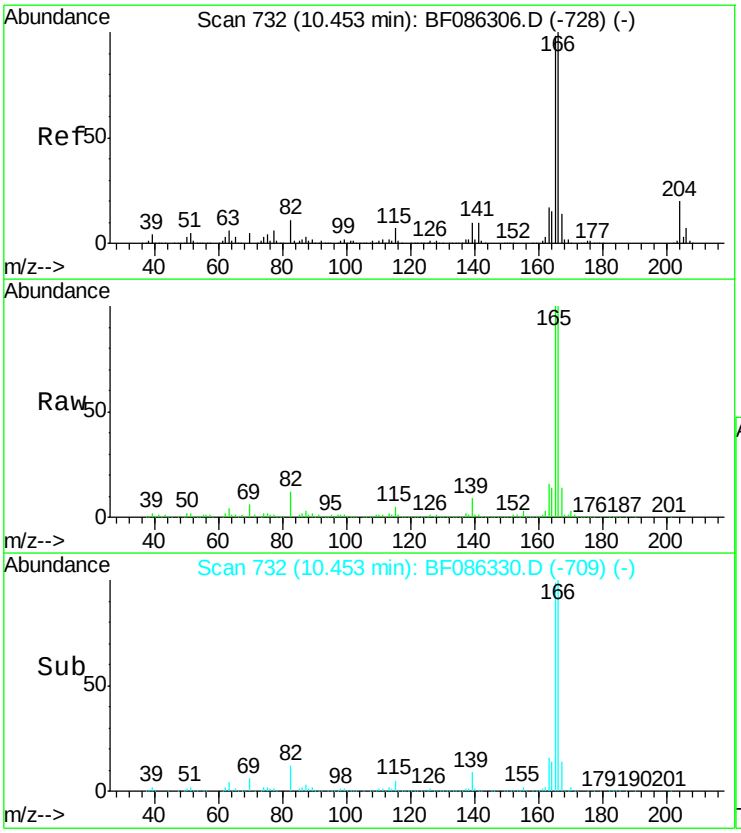
#55
4-Nitrophenol
Concen: 26.08 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.08 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:139 Resp: 93176

Ion	Ratio	Lower	Upper
139	100		
109	2.1	55.0	95.0#
65	2.6	87.3	127.3#

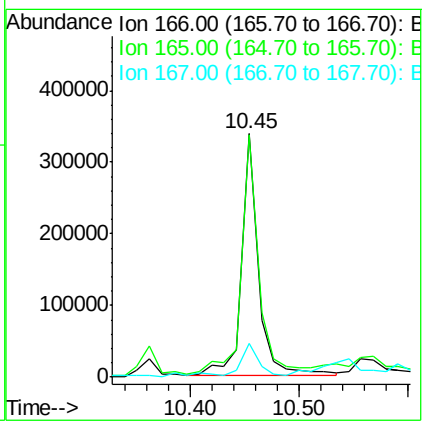


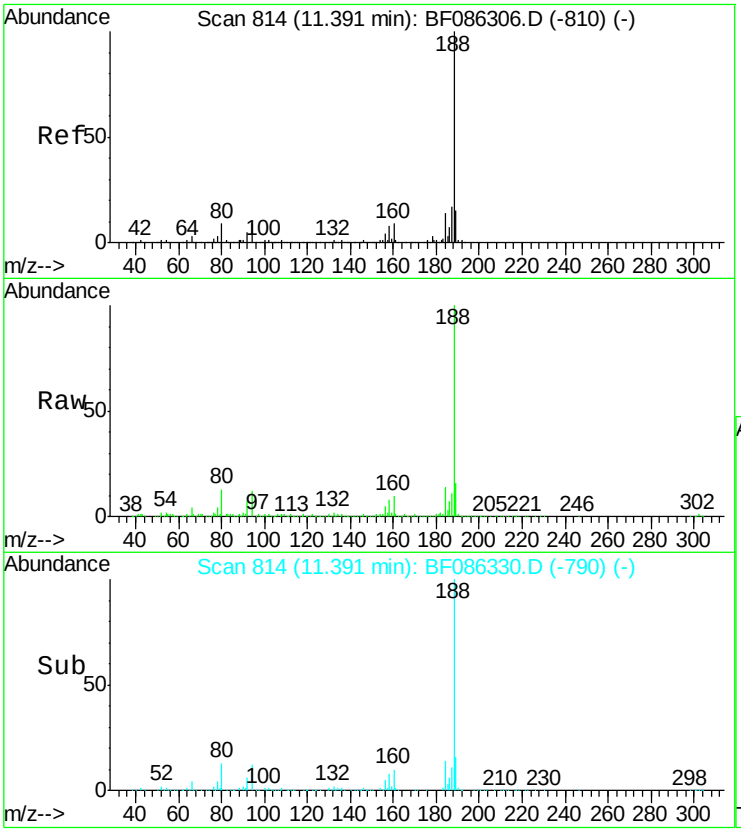


#57
Fluorene
Concen: 23.13 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:166 Resp: 367428

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	14.0	10.4	15.6



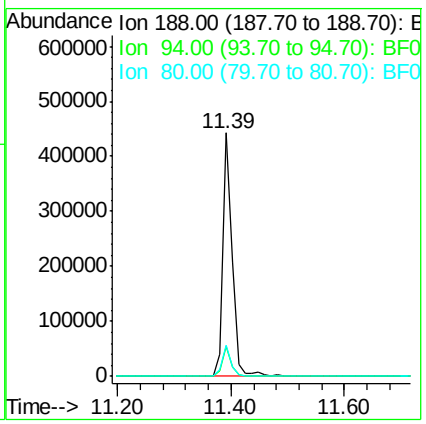


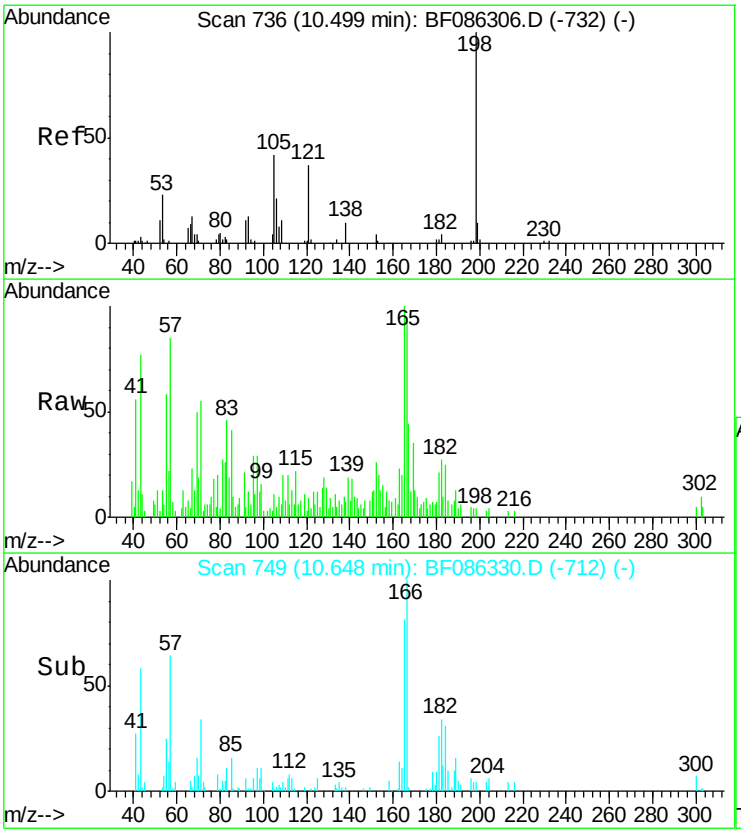
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:188 Resp: 507336

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.8	14.8
80	12.9	10.5	15.7

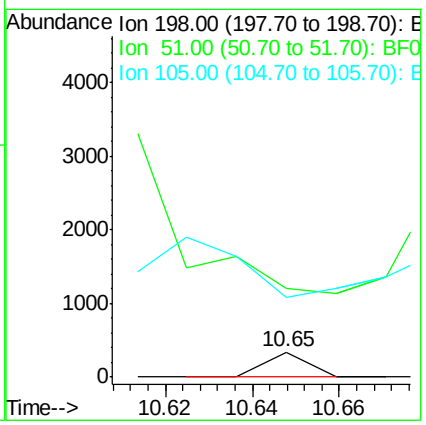


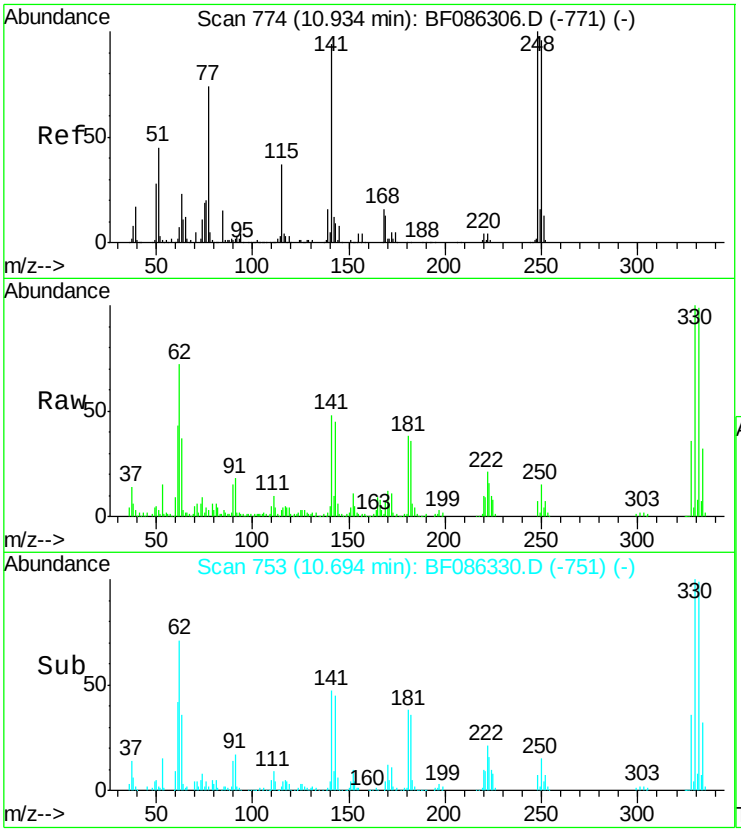


#64
4,6-Dinitro-2-methylphenol
Concen: 6.18 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.13 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:198 Resp: 230

Ion	Ratio	Lower	Upper
198	100		
51	356.8	56.5	96.5#
105	320.5	48.0	88.0#



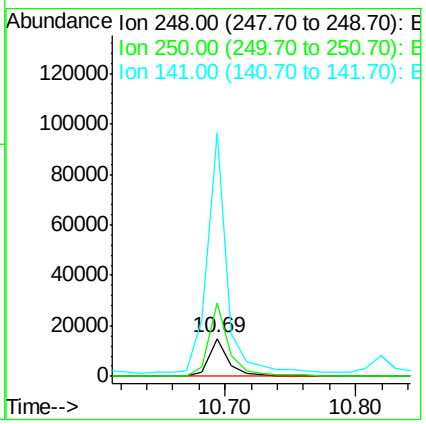


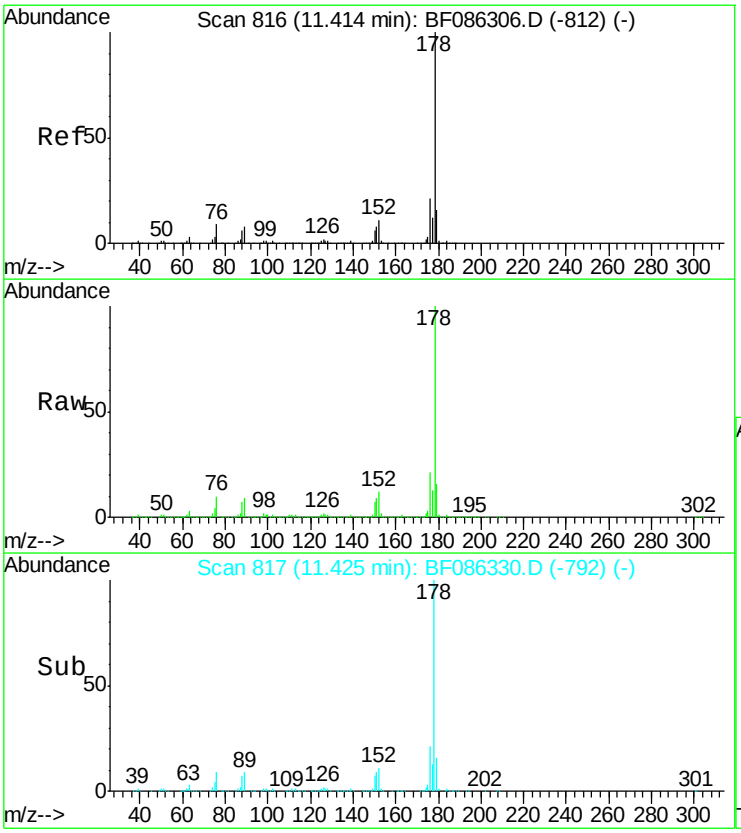
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.27 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:248 Resp: 16074

Ion	Ratio	Lower	Upper
248	100		
250	194.7	78.6	118.0#
141	641.3	57.9	86.9#

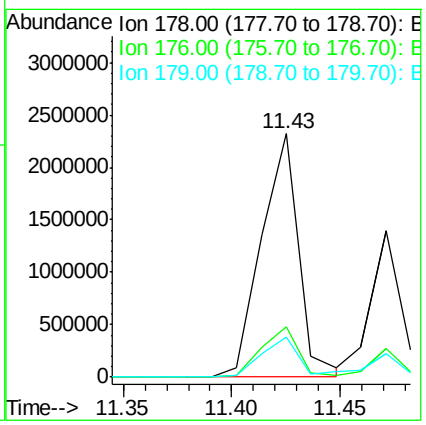


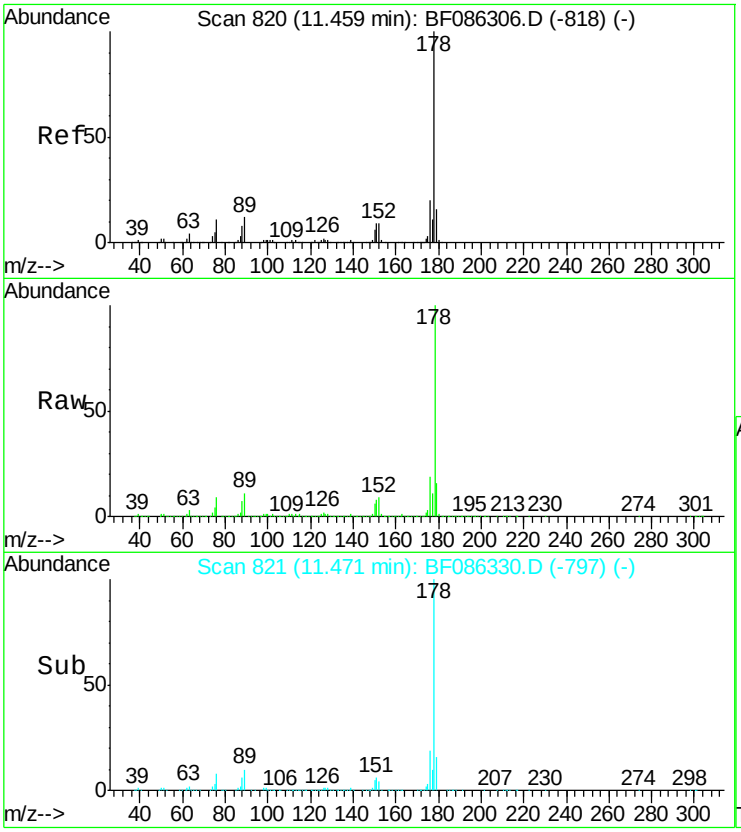


#70
Phenanthrene
Concen: 115.73 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:178 Resp: 2782409

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.3	24.5
179	16.4	13.0	19.6



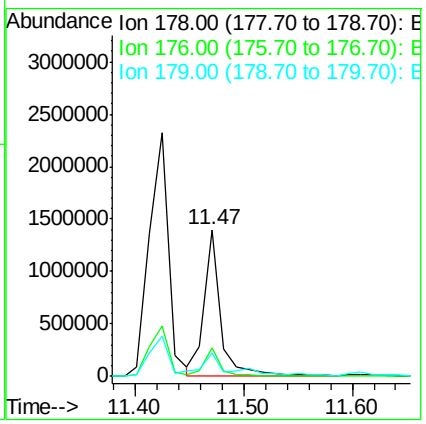


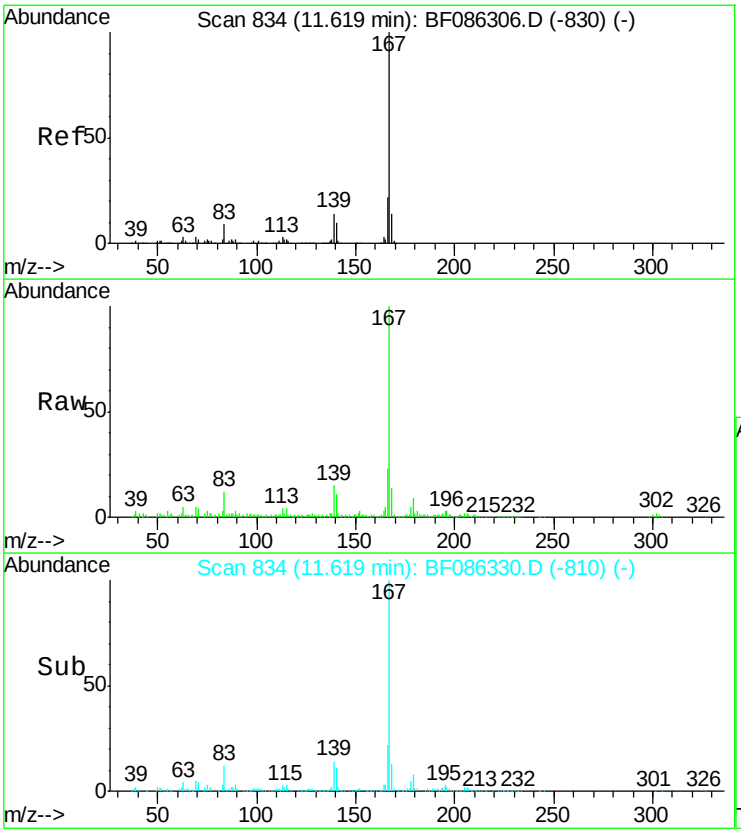
#71
Anthracene
Concen: 57.52 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:178 Resp: 1480948

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.9	13.2	19.8

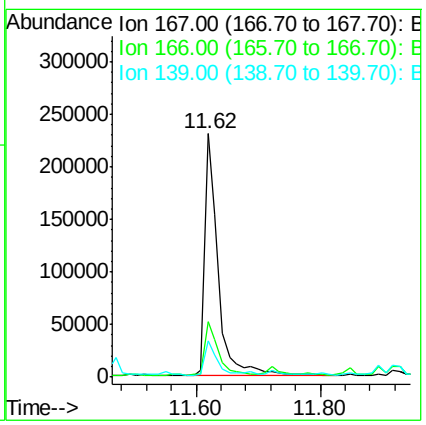


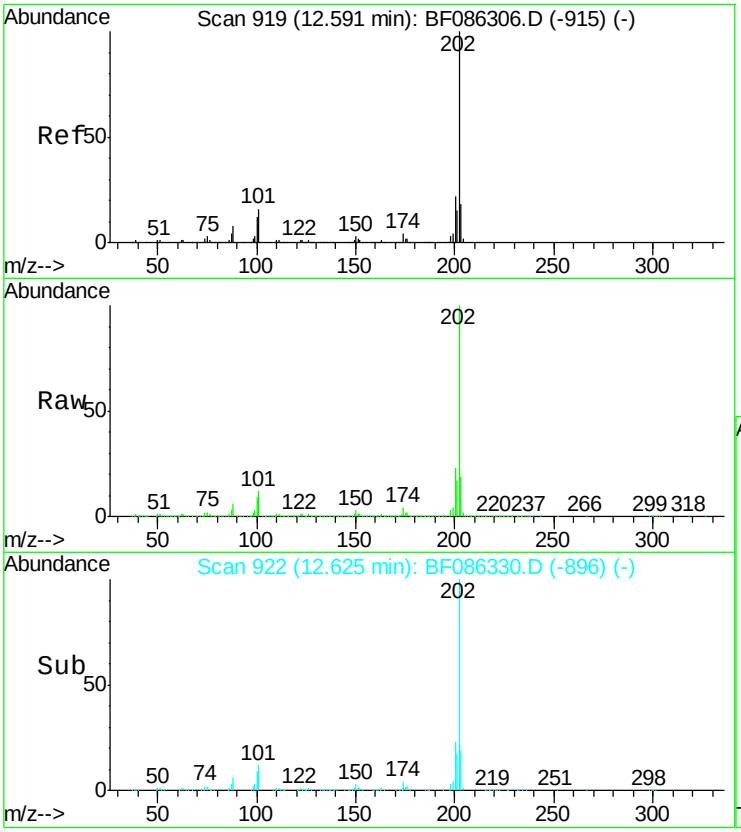


#72
Carbazole
Concen: 14.17 ng
RT: 11.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:167 Resp: 345279

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	14.9	12.3	18.5



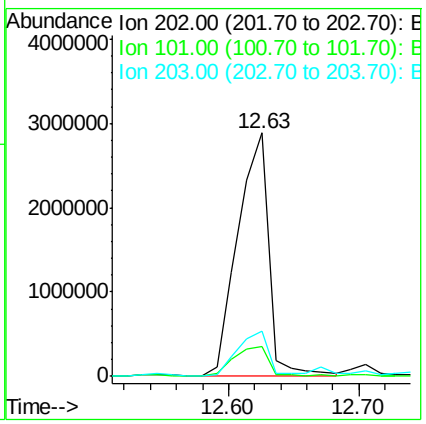


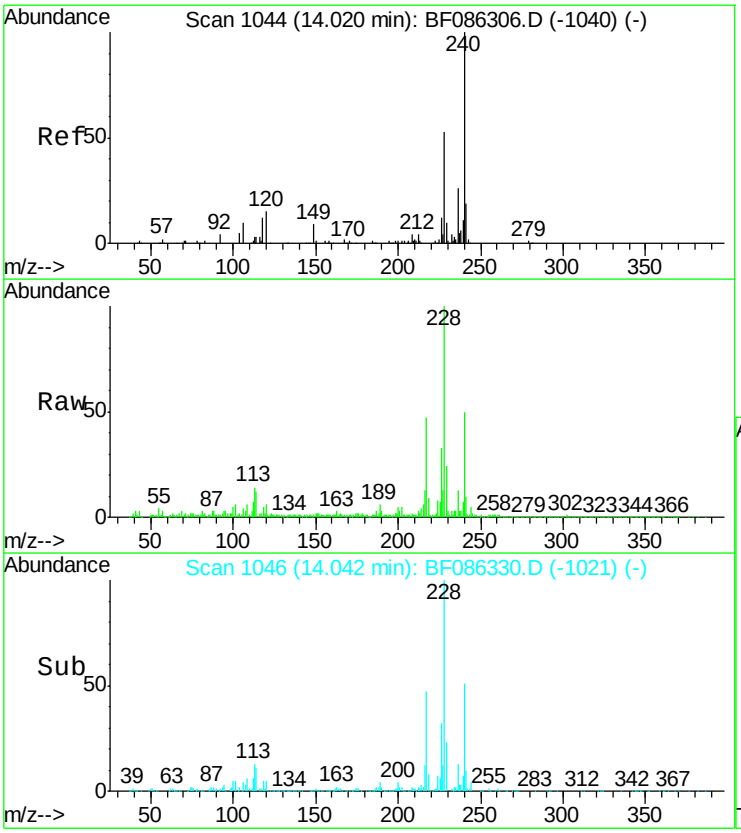
#74
Fluoranthene
Concen: 212.75 ng
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:202 Resp: 4742404

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	35.2
203	18.8	0.0	38.2

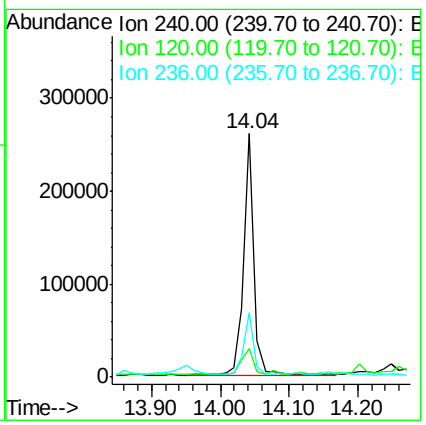


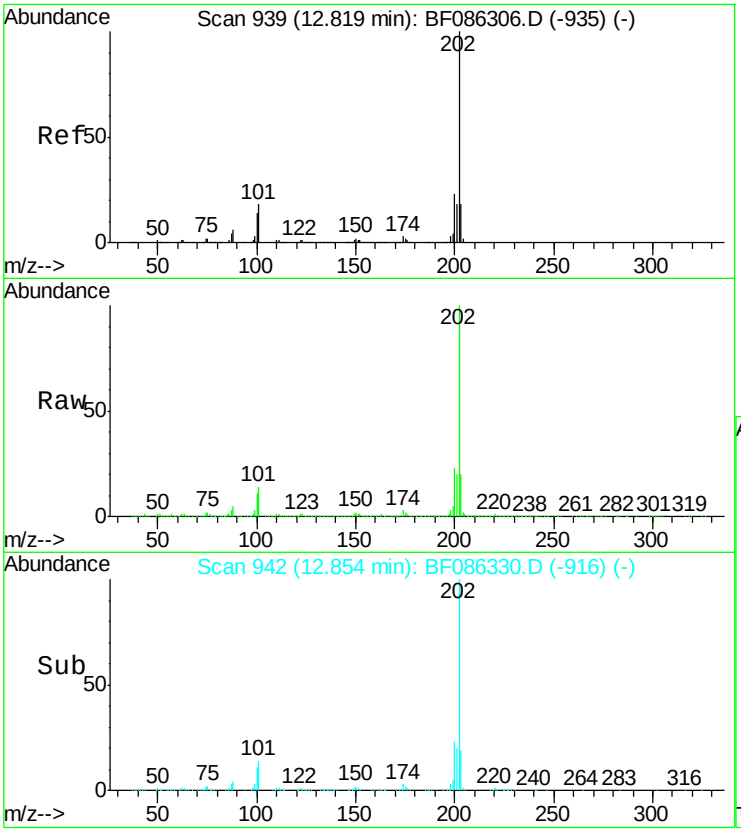


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:240 Resp: 271592

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.3	13.9
236	26.5	21.1	31.7



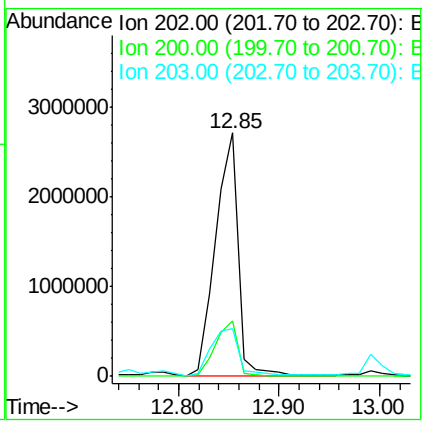


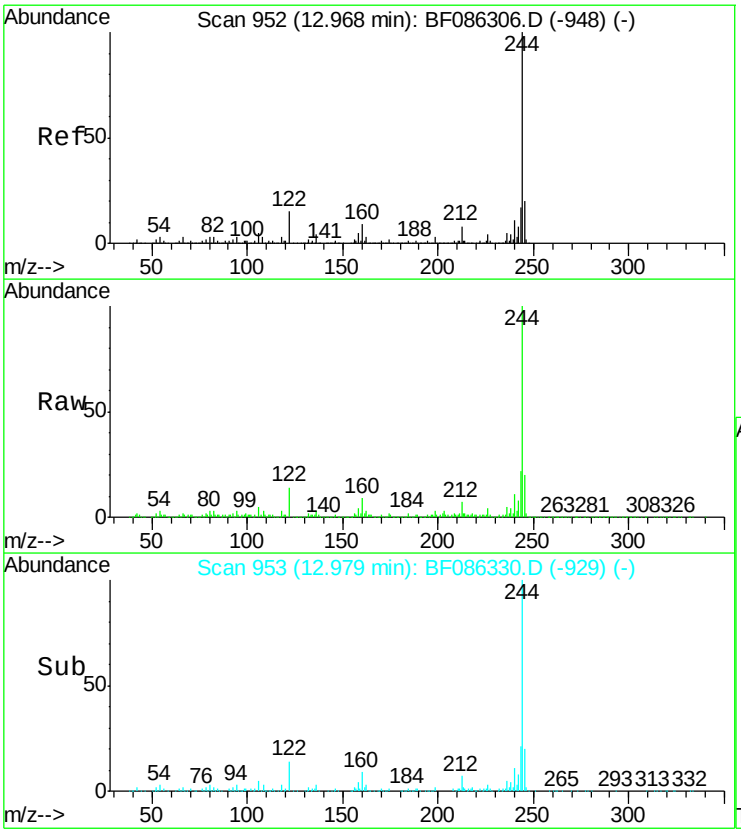
#77
Pyrene
Concen: 209.07 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:202 Resp: 4212108

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	19.5	14.9	22.3

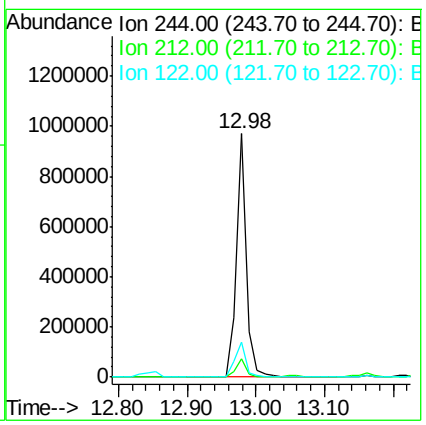


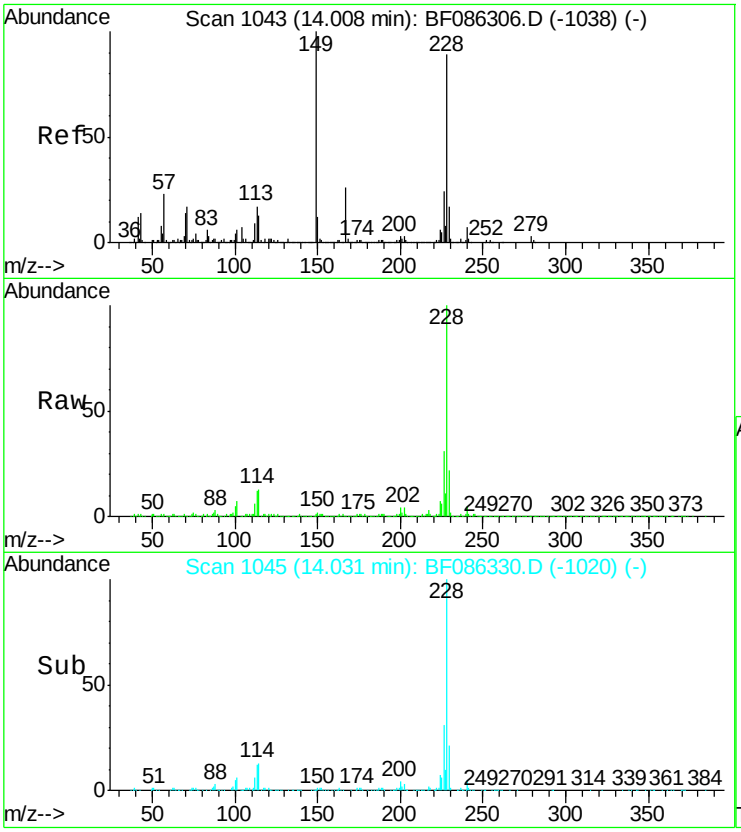


#78
Terphenyl-d14
Concen: 86.87 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:244 Resp: 991179

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	14.3	11.7	17.5



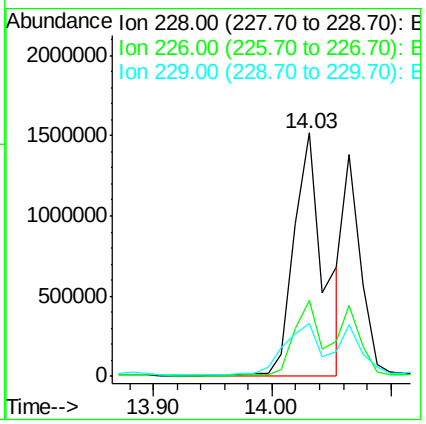


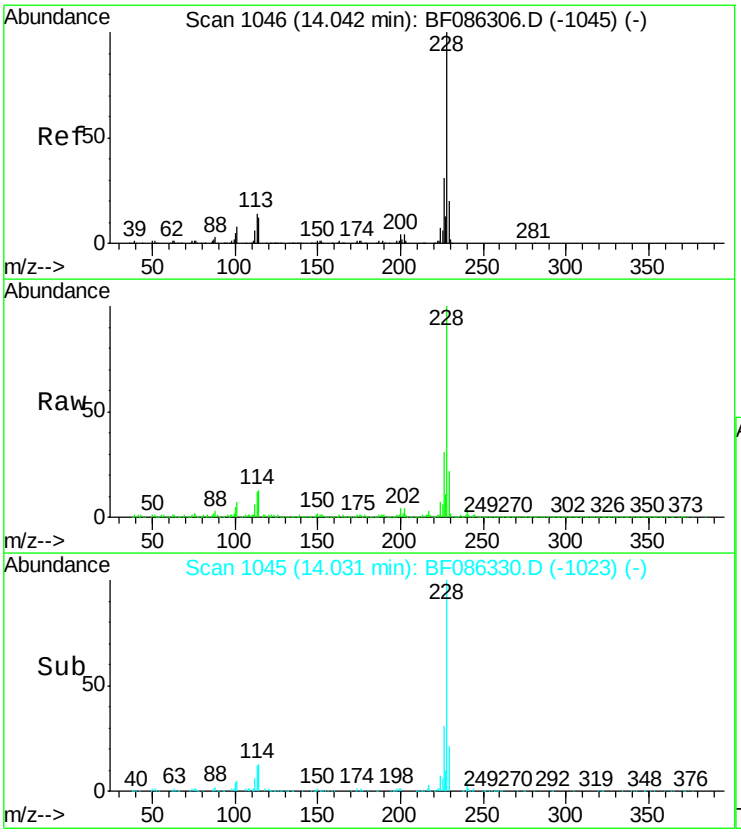
#80
Benzo(a)anthracene
Concen: 183.34 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:228 Resp: 2622956

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.5	33.7
229	21.6	16.2	24.2

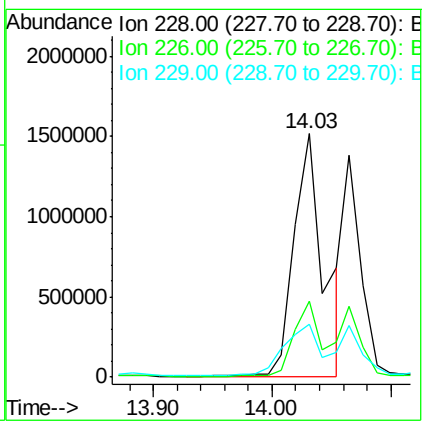


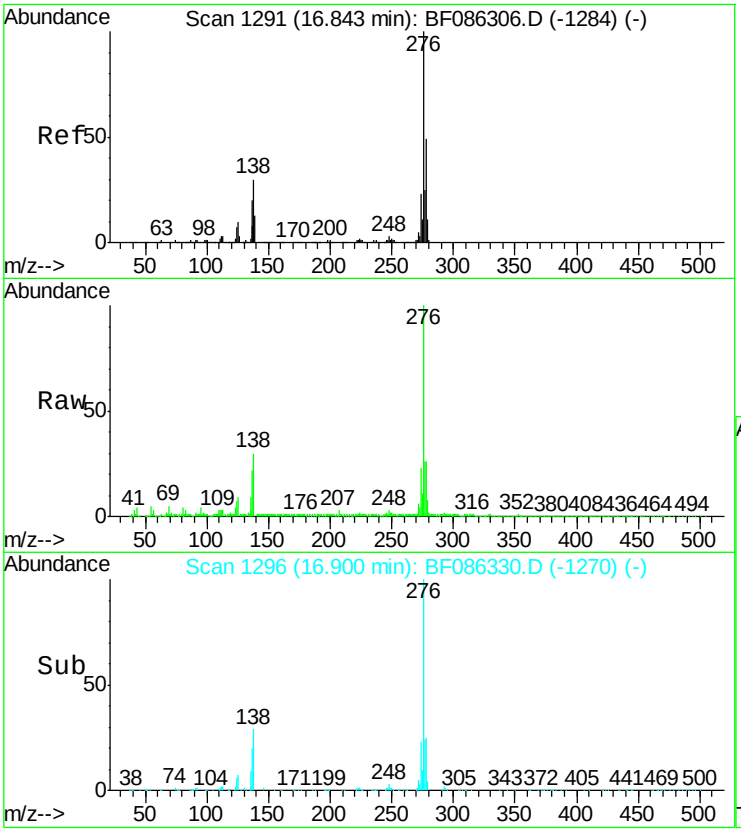


#82
Chrysene
Concen: 169.61 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.05 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:228 Resp: 2622956

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	21.6	16.5	24.7



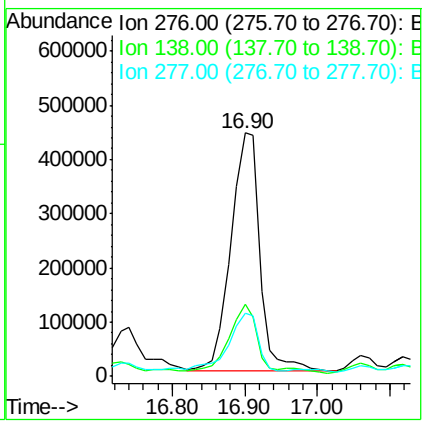


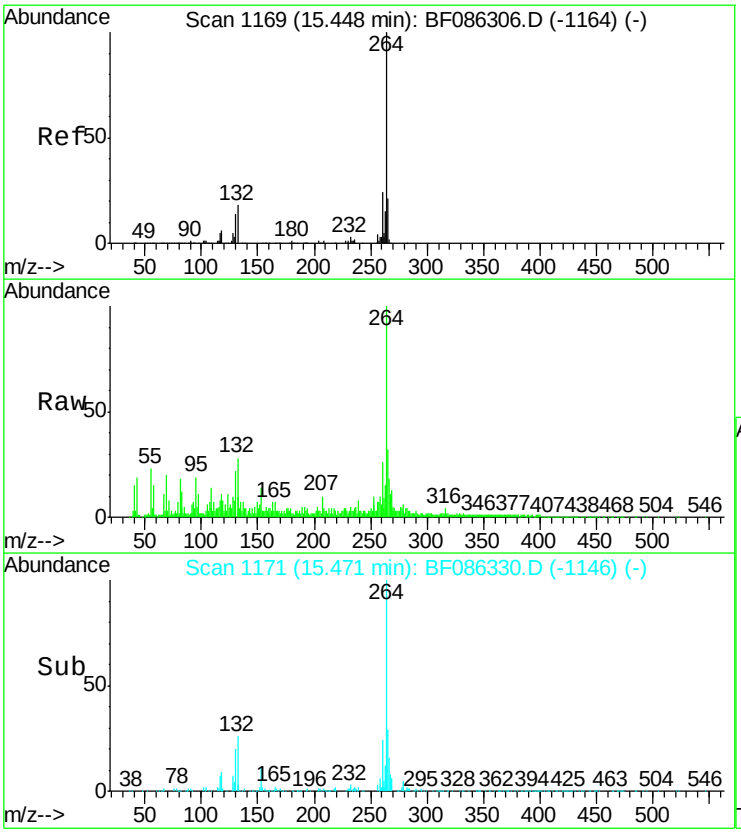
#85
Indeno(1,2,3-cd)pyrene
Concen: 77.10 ng
RT: 16.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:276 Resp: 1226013

Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.8	35.6
277	26.1	20.2	30.2

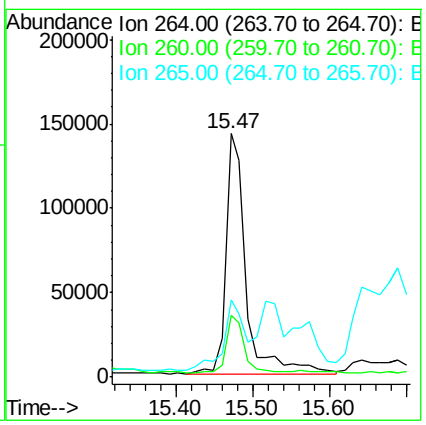


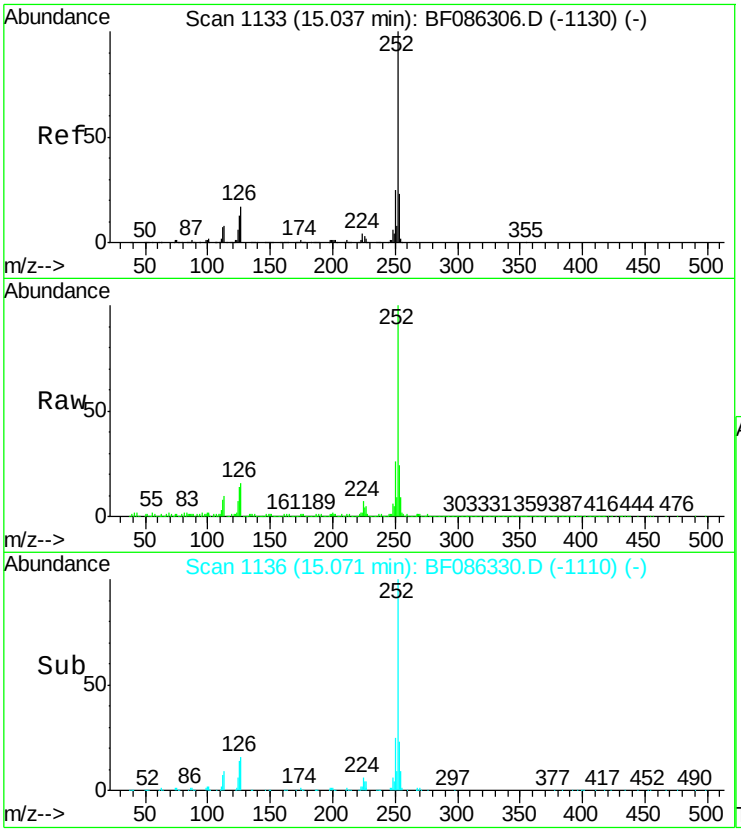


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:264 Resp: 264523

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	31.8	17.4	26.0#



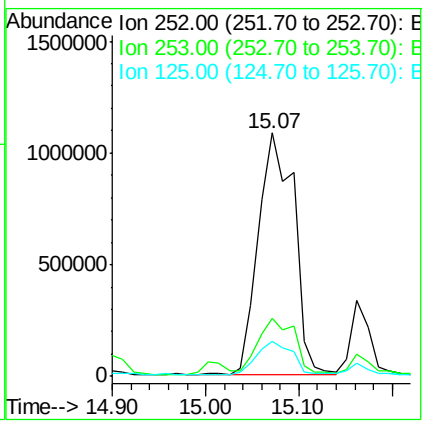


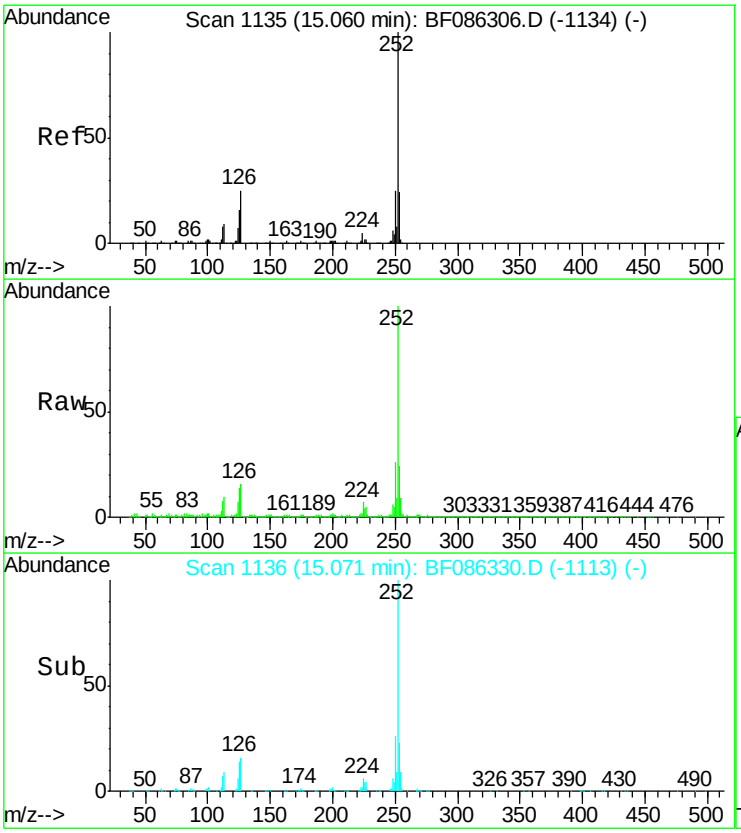
#87
Benzo(b)fluoranthene
Concen: 189.31 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:252 Resp: 2896324

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	14.4	10.3	15.5

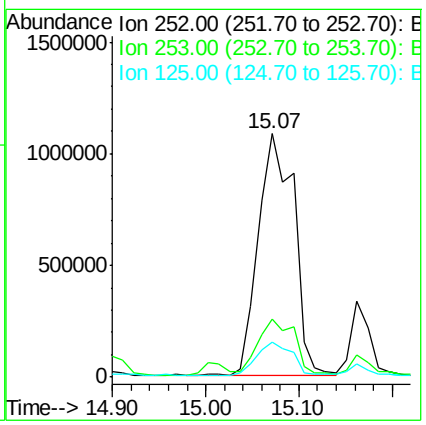


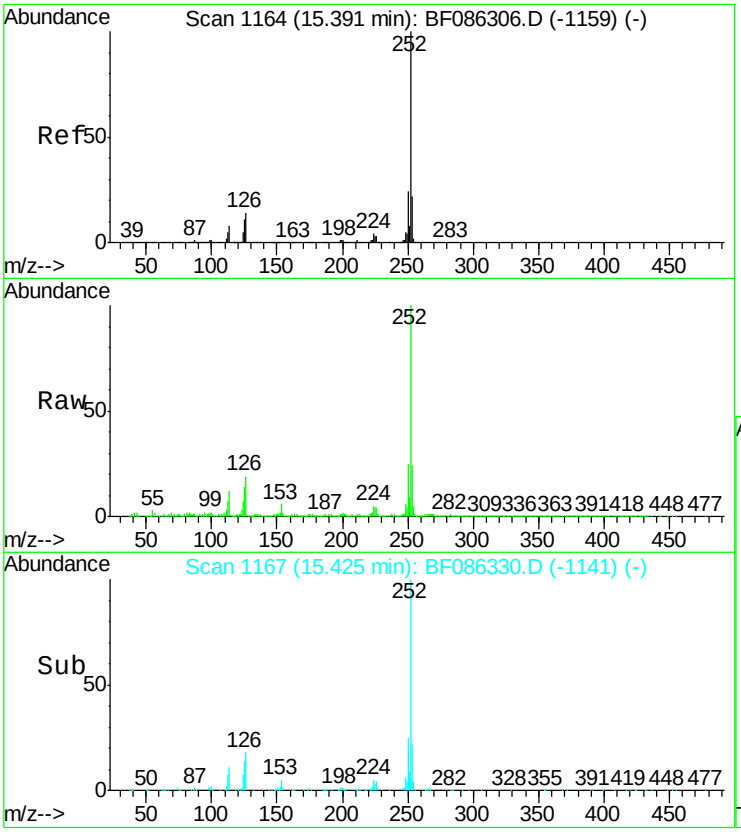


#88
Benzo(k)fluoranthene
Concen: 224.87 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:252 Resp: 2896324

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.4	7.8	11.6#



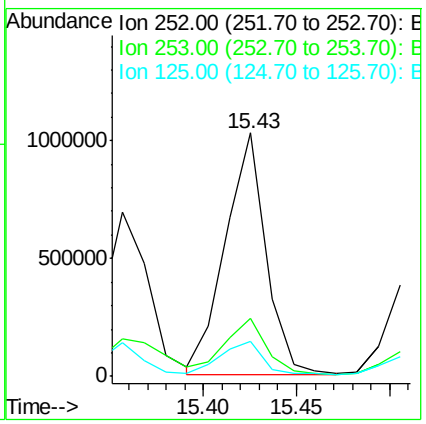


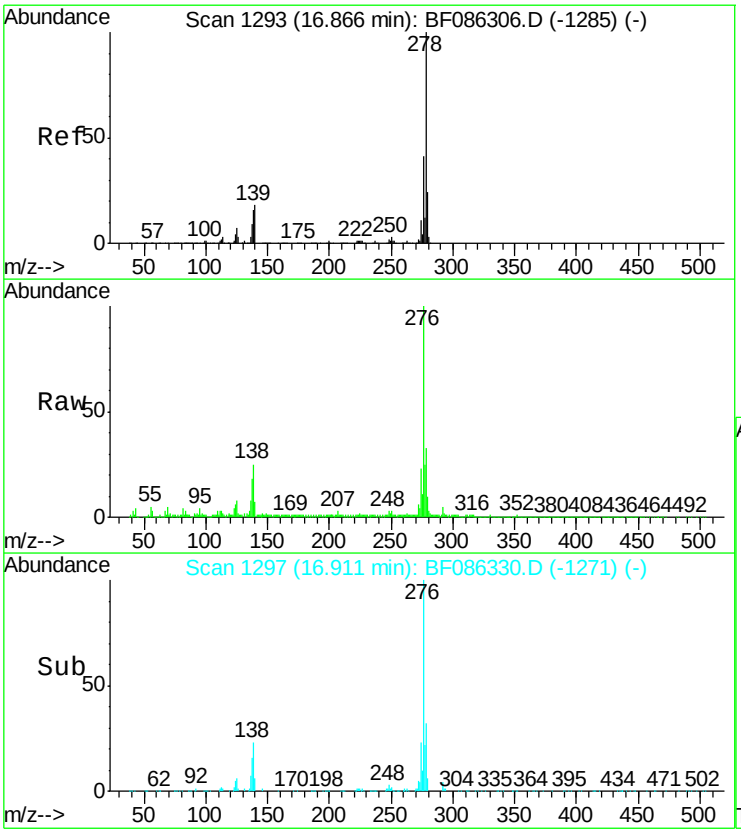
#89
Benzo(a)pyrene
Concen: 111.48 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:252 Resp: 1572057

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	14.3	11.2	16.8

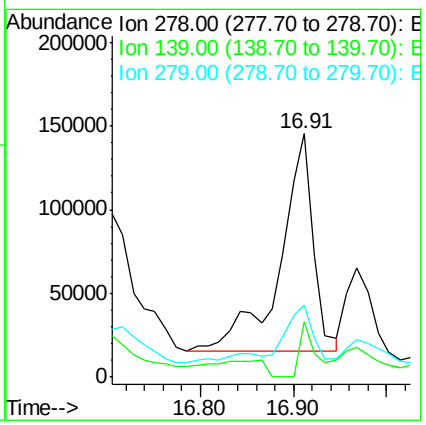


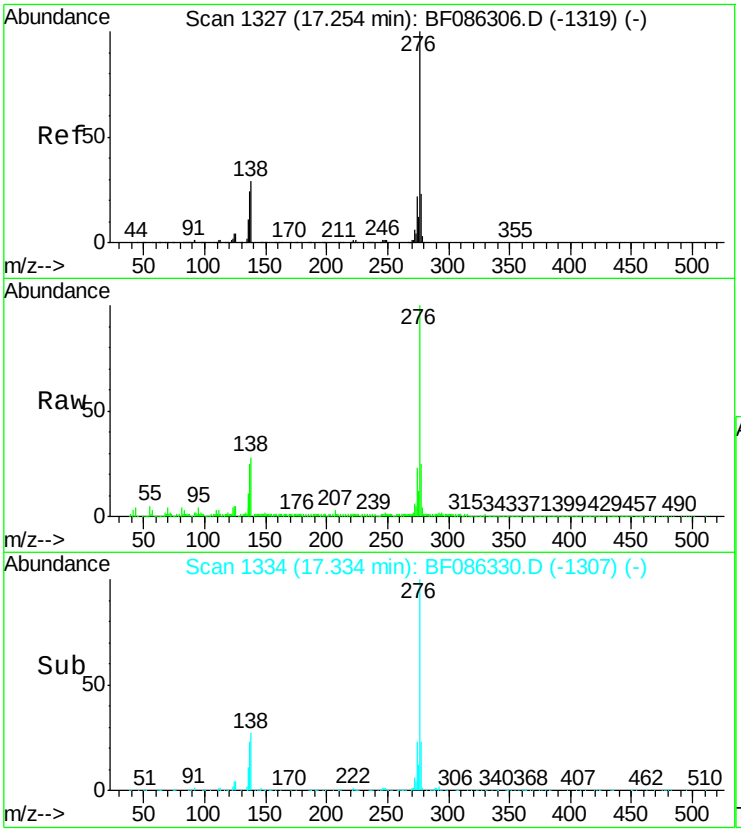


#90
Dibenzo(a,h)anthracene
Concen: 26.44 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Tgt Ion:278 Resp: 325515

Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.3	22.9
279	29.4	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 103.16 ng
RT: 17.33 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF086330.D
Acq: 21 Apr 2016 1:29

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)H

Tgt Ion:276 Resp: 1217609

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	28.0	19.6	29.4