Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096886.D
Acq On : 19 Jul 2017 22:48
Operator : SJ/JU
Sample : I4276-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 20 00:56:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	101384	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	449731	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	163583	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	251241	20.00	ng		0.00
75) Chrysene-d12	13.73	240	177120	20.00	ng		0.00
86) Perylene-d12	15.11	264	149532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	614405	91.12	ng		0.00
7) Phenol-d6	6.24	99	815754	100.82	ng		-0.01
23) Nitrobenzene-d5	7.15	82	477690	65.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	125945	90.20	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	649817	62.76	ng		-0.01
78) Terphenyl-d14	12.69	244	393082	38.49	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.25	94	44233	4.84	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	63964	13.12	ng	#	89
25) Isophorone	7.15	82	474911	35.16	ng	#	67
31) Naphthalene	7.89	128	560575	26.31	ng		99
33) 4-Chloroaniline	7.89	127	72928	8.64	ng	#	34
37) 2-Methylnaphthalene	8.58	142	94836	6.98	ng		98
45) 1,1'-Biphenyl	9.05	154	30931	2.20	ng		99
48) Acenaphthylene	9.48	152	47166	2.87	ng		97
49) Dimethylphthalate	9.35	163	107639	8.74	ng		99
51) Acenaphthene	9.65	154	208014	21.39	ng		99
54) Dibenzofuran	9.82	168	208106	15.27	ng		99
55) 4-Nitrophenol	9.82	139	78872	34.16	ng	#	27
57) Fluorene	10.16	166	194734	19.34	ng		96
66) 4-Bromophenyl-phenylether	10.41	248	8537	3.33	ng	#	1
70) Phenanthrene	11.13	178	1570873	114.99	ng		99
71) Anthracene	11.17	178	475096	34.40	ng		99
72) Carbazole	11.33	167	321149	24.01	ng		100
74) Fluoranthene	12.32	202	1668786	127.62	ng		99
77) Pyrene	12.55	202	1325386	82.45	ng		99
80) Benzo(a)anthracene	13.73	228	671475	60.84	ng		99
82) Chrysene	13.76	228	577979	53.20	ng		97
85) Indeno(1,2,3-cd)pyrene	16.39	276	245805	26.07	ng		94
87) Benzo(b)fluoranthene	14.73	252	839702	93.11	ng	#	96
88) Benzo(k)fluoranthene	14.73	252	839702	98.33	ng		100
89) Benzo(a)pyrene	15.06	252	443211	53.58	ng		97
90) Dibenzo(a,h)anthracene	16.40	278	63641	8.36	ng	#	76
91) Benzo(g,h,i)perylene	16.78	276	218568	26.82	ng		95

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

Quantitation Report (Not Reviewed)

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Acq On : 19 Jul 2017 22:48
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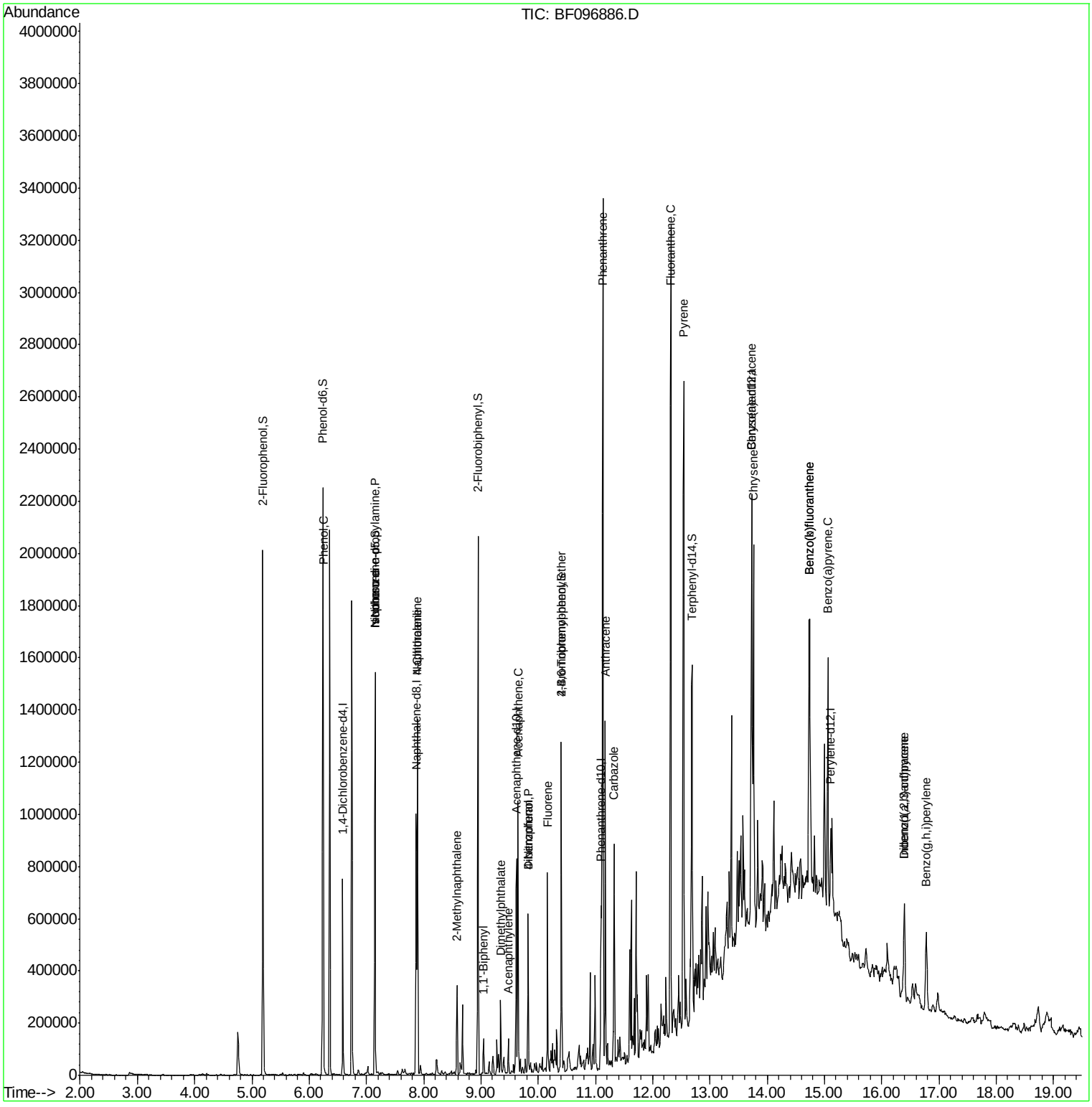
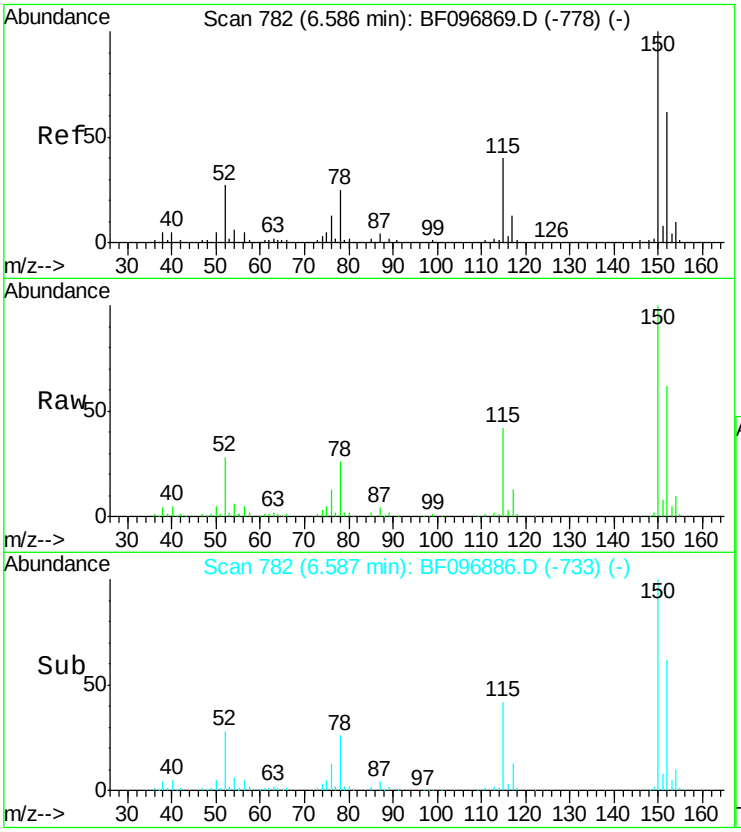
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 20 00:56:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



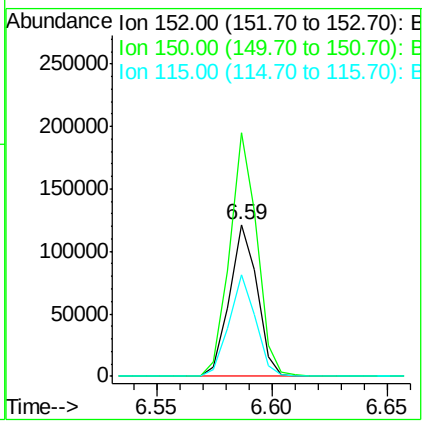


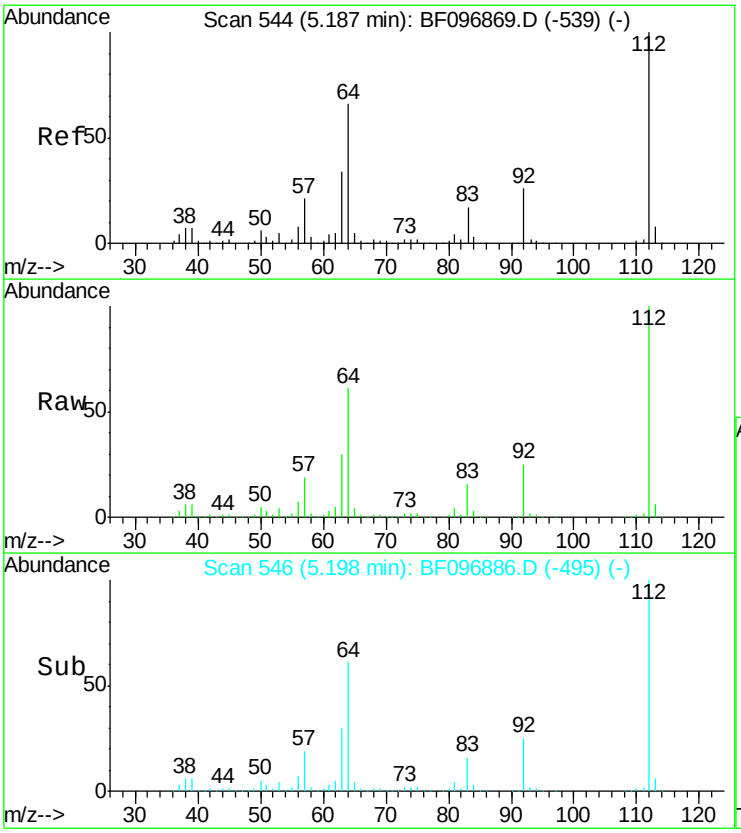
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101384

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	67.1	52.2	78.2

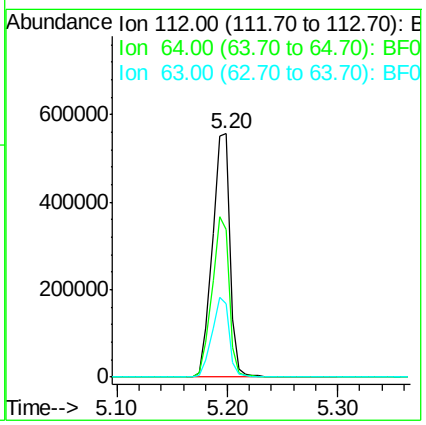


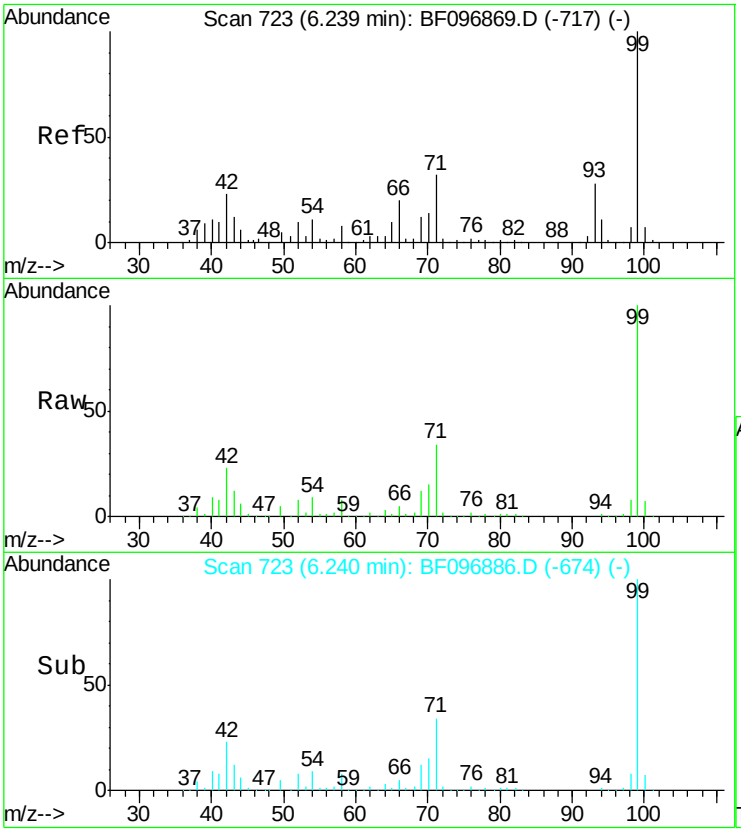


#5
2-Fluorophenol
Concen: 91.12 ng
RT: 5.20 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:112 Resp: 614405

Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.0	69.0
63	30.2	23.4	35.0



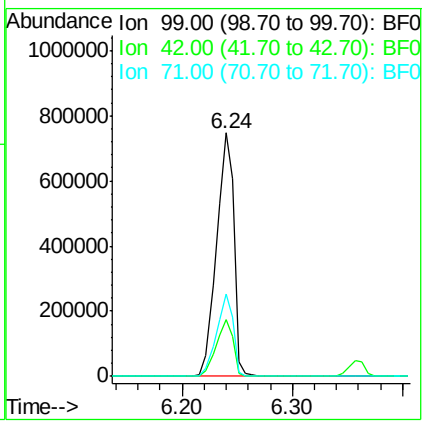


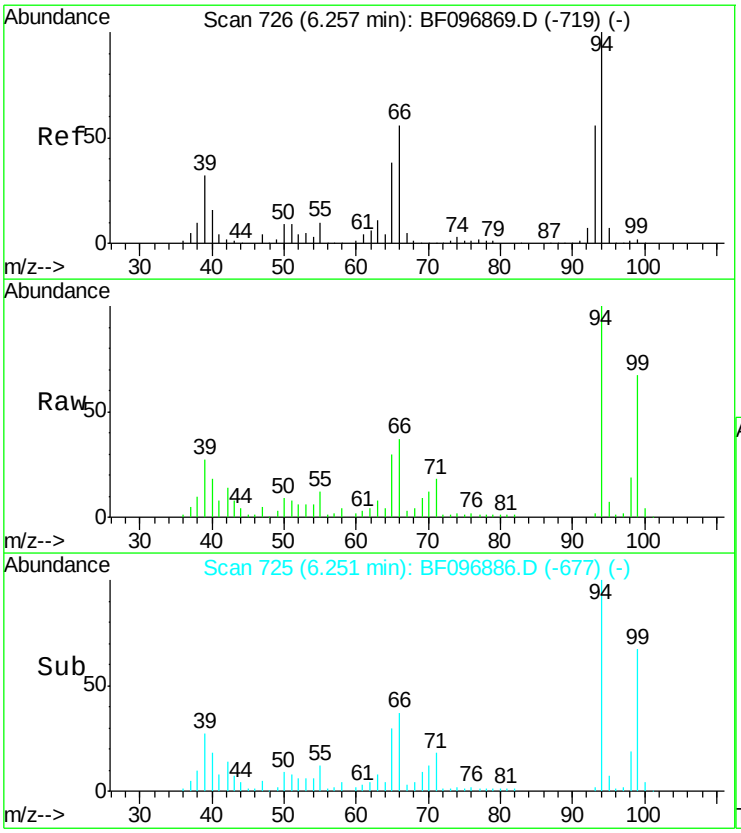
#7
Phenol-d6
Concen: 100.82 ng
RT: 6.24 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 815754

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	33.6	24.5	36.7

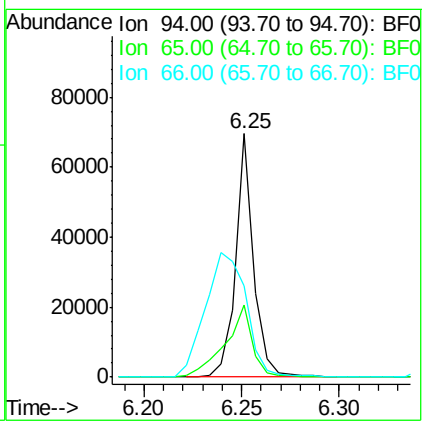


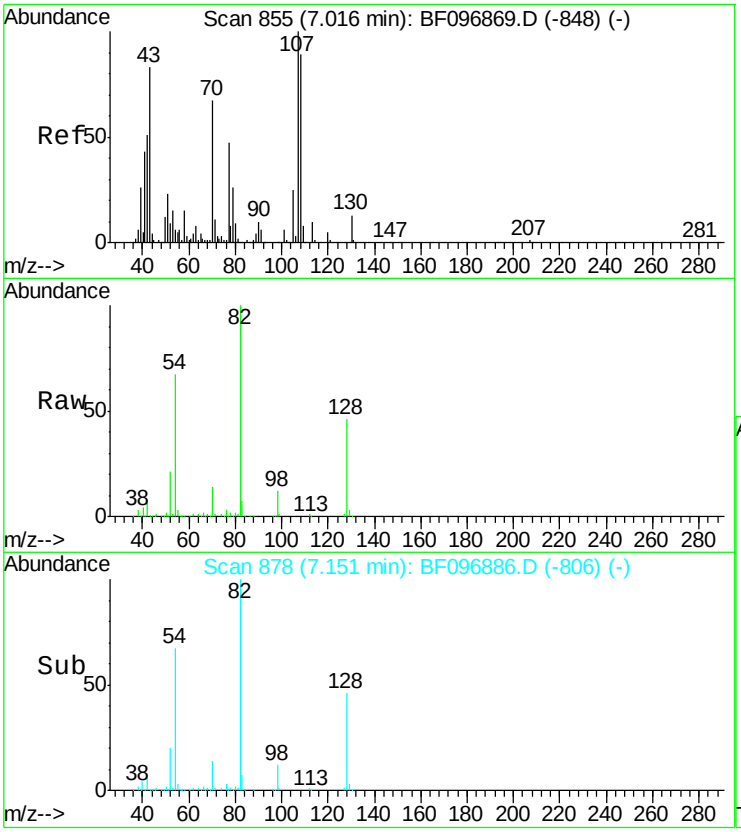


#10
Phenol
Concen: 4.84 ng
RT: 6.25 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion: 94 Resp: 44233

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.9	49.9
66	37.3	23.1	63.1



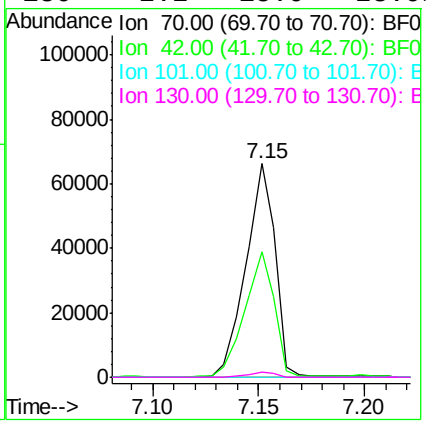


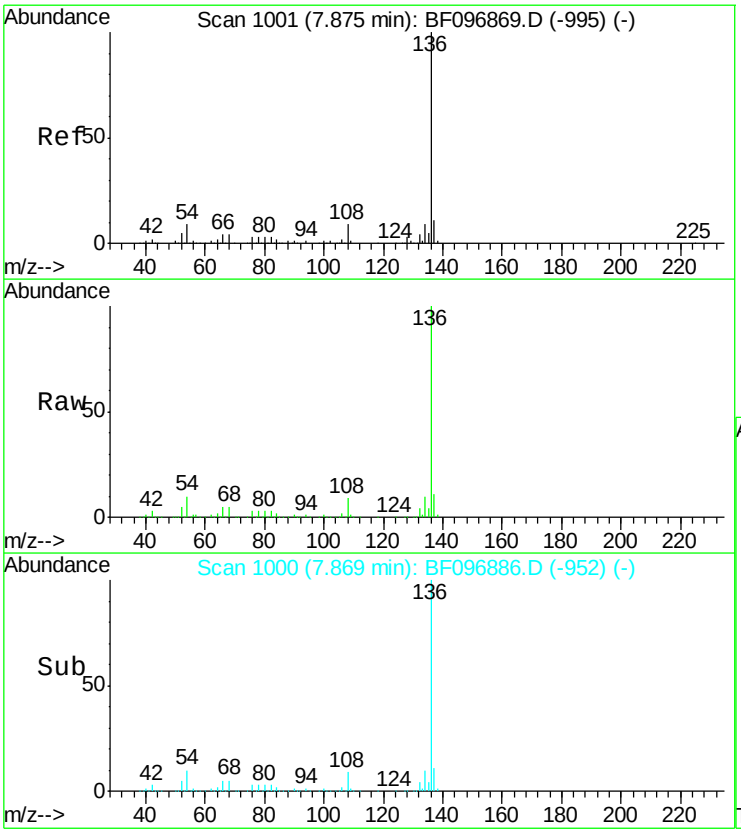
#19
n-Nitroso-di-n-propylamine
Concen: 13.12 ng
RT: 7.15 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 63964

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

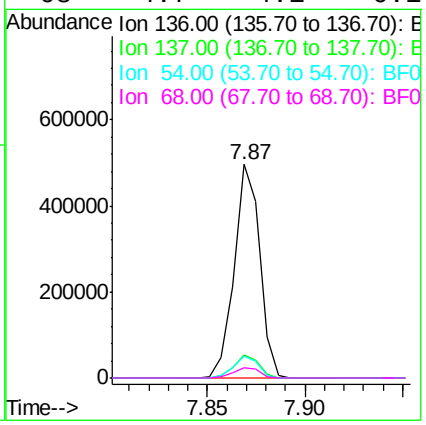


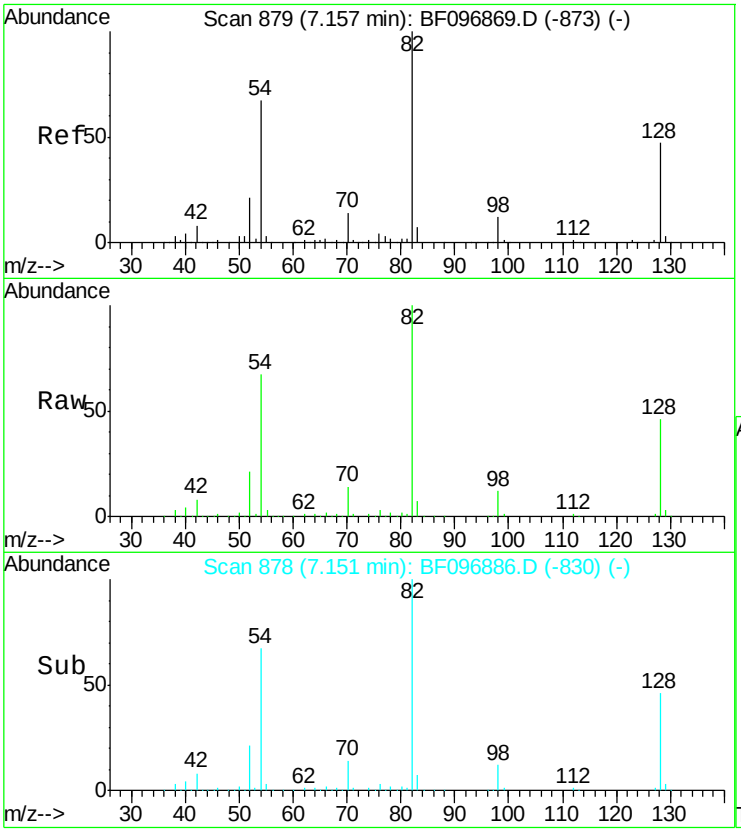


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:136 Resp: 449731

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.5	4.9	7.3#
68	4.7	4.1	6.1



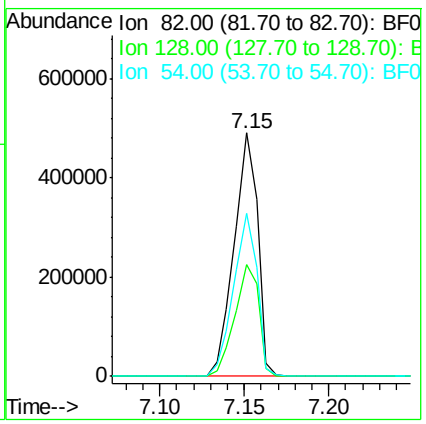


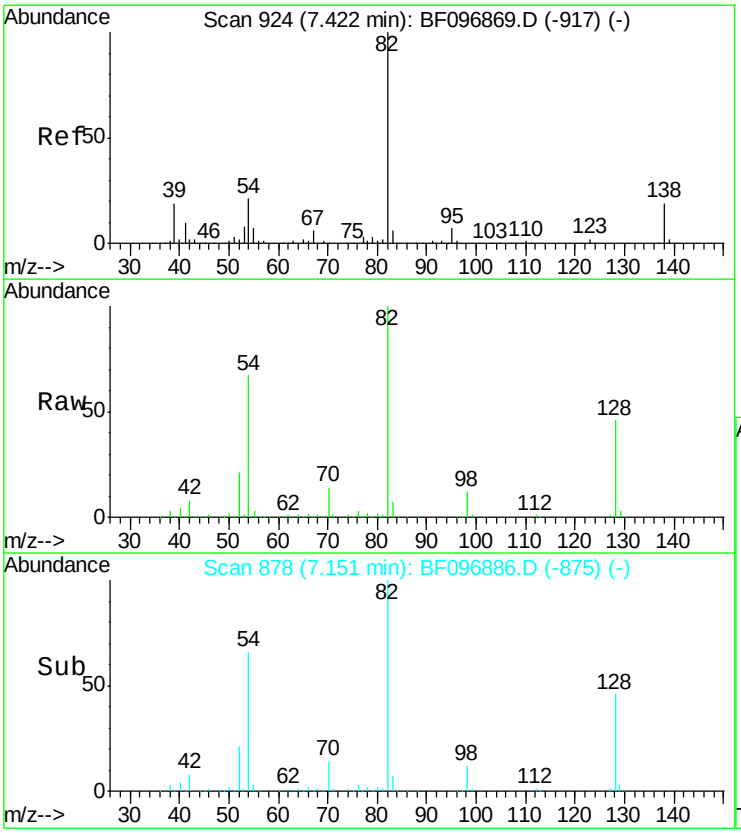
#23
Nitrobenzene-d5
Concen: 65.79 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 477690

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	67.1	42.2	63.2#

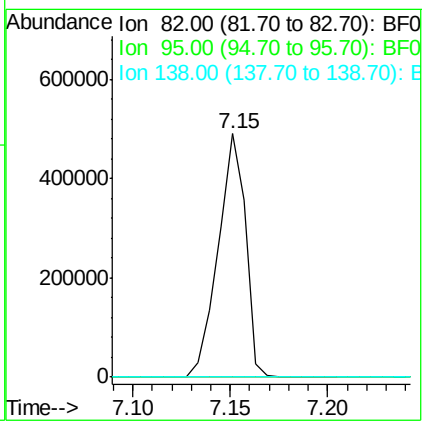


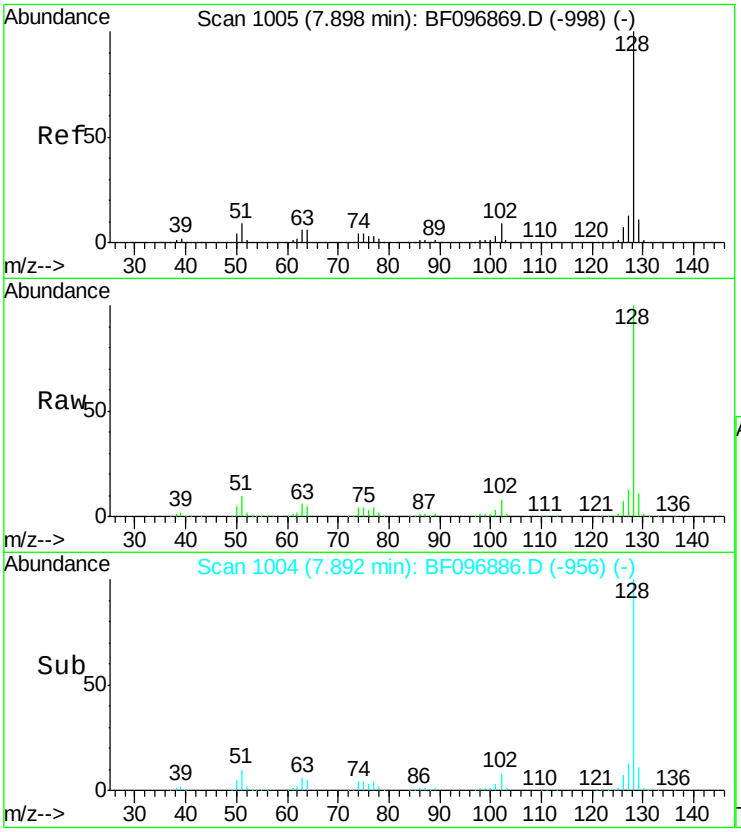


#25
Isophorone
Concen: 35.16 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion: 82 Resp: 474911

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



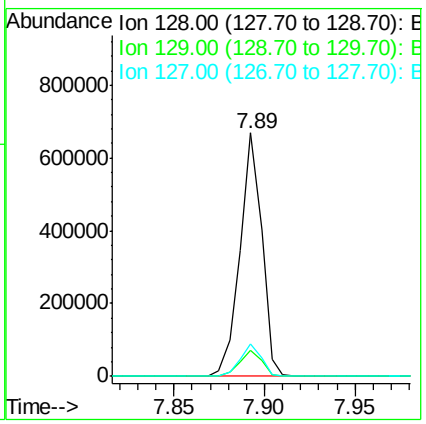


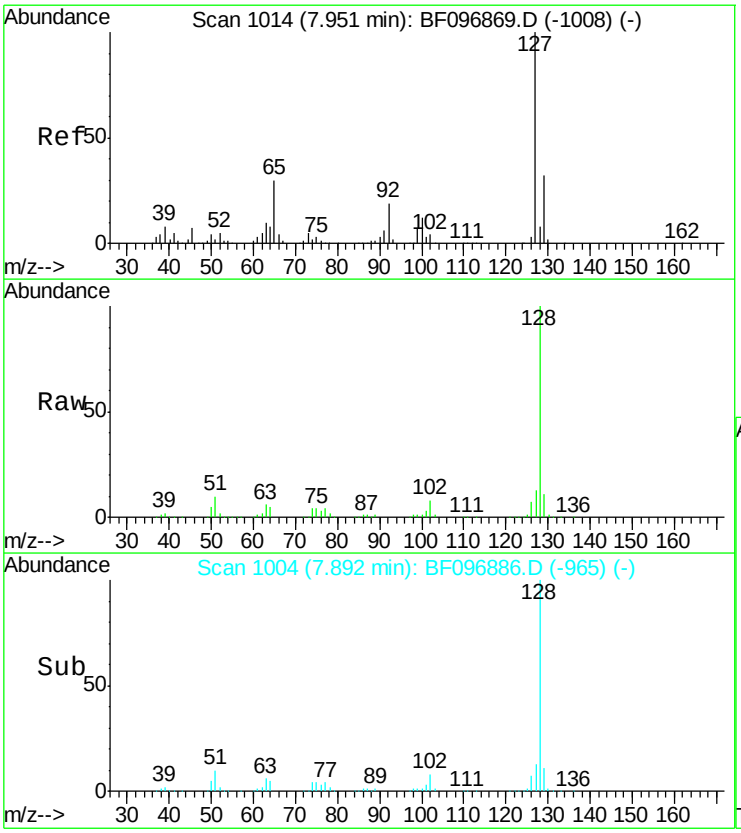
#31
Naphthalene
Concen: 26.31 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 560575

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.2	10.8	16.2

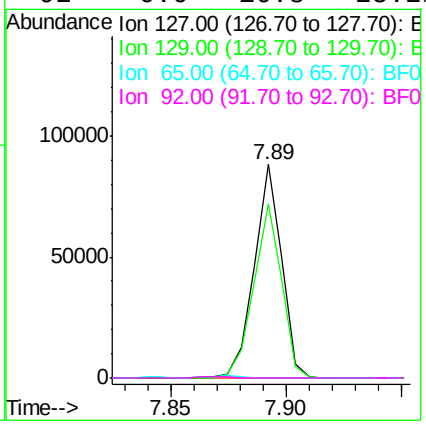


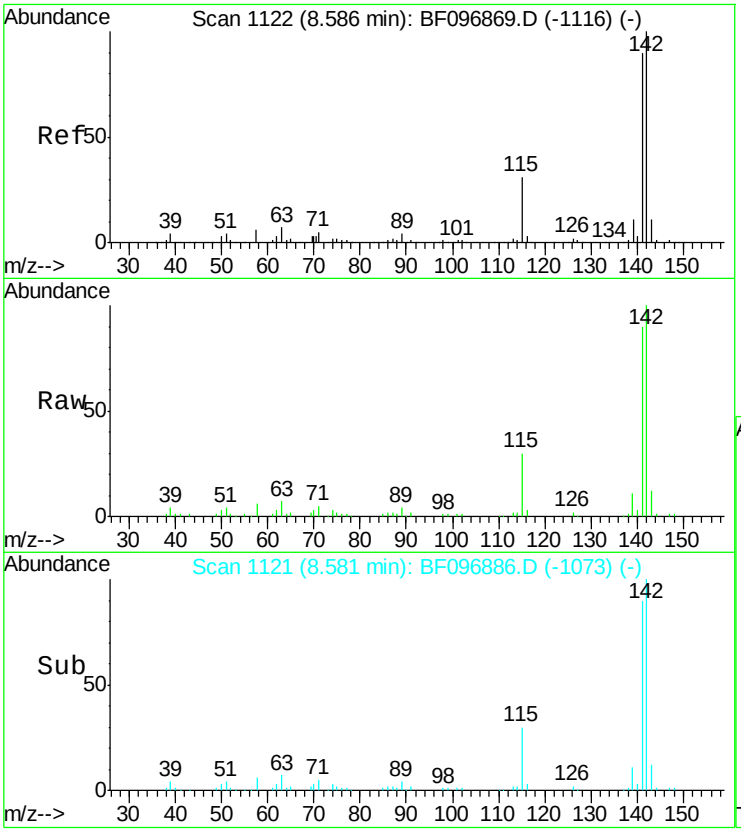


#33
4-Chloroaniline
Concen: 8.64 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:127 Resp: 72928

Ion	Ratio	Lower	Upper
127	100		
129	81.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

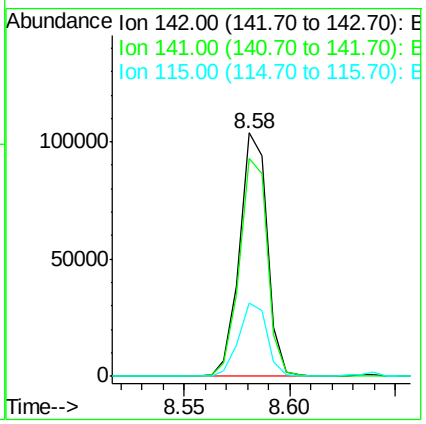




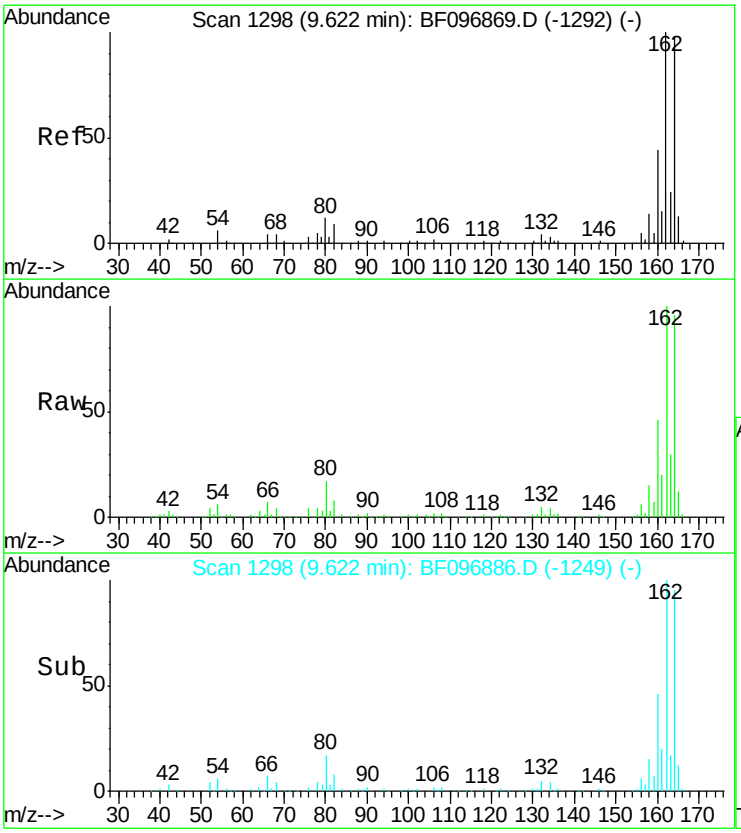
#37
2-Methylnaphthalene
Concen: 6.98 ng
RT: 8.58 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:142 Resp: 94836

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	30.4	27.1	40.7



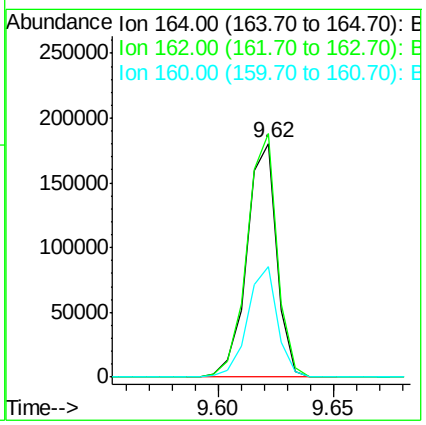
Instrument :
BNA_F
ClientSampleId :

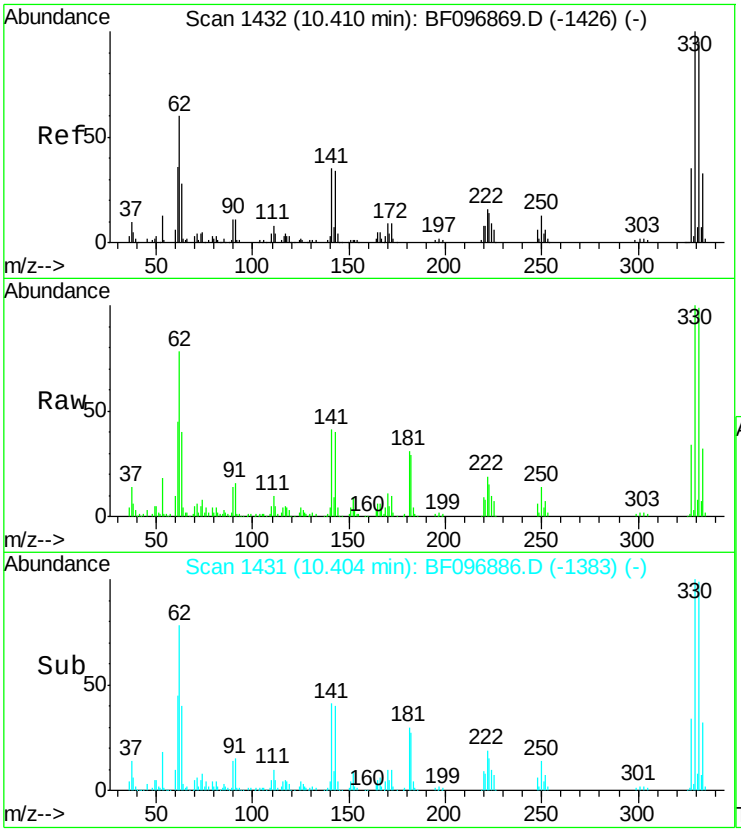


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:164 Resp: 163583

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	47.5	36.2	54.2



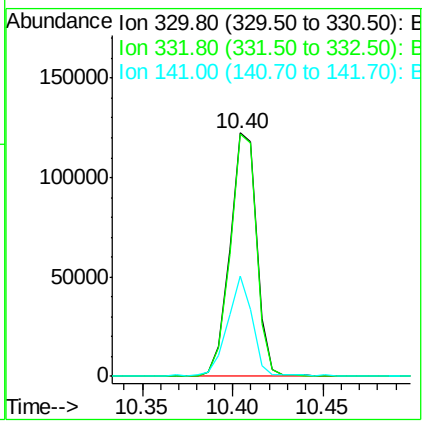


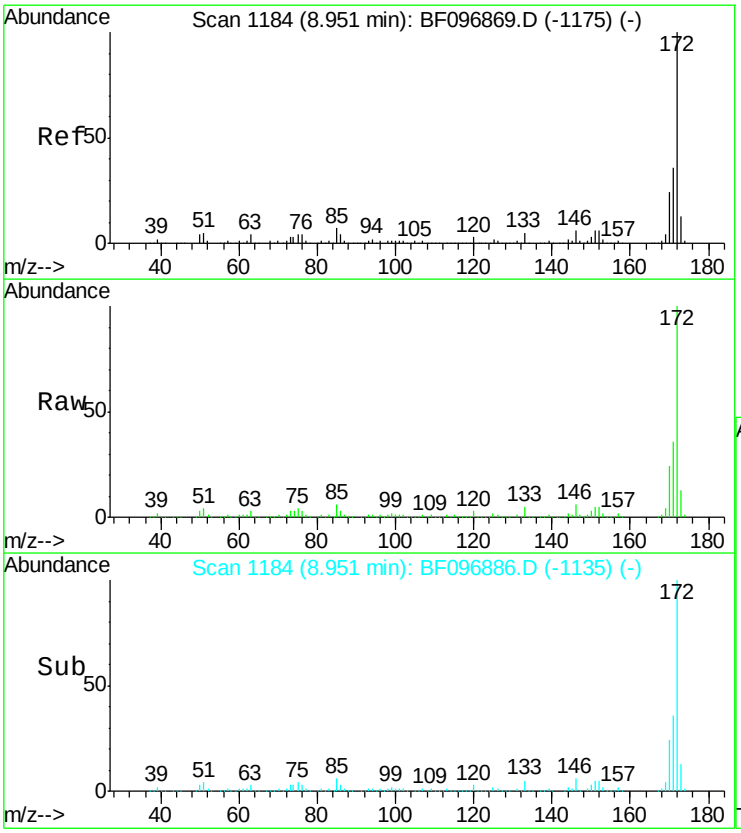
#41
2,4,6-Tribromophenol
Concen: 90.20 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 125945

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	39.1	31.4	47.2

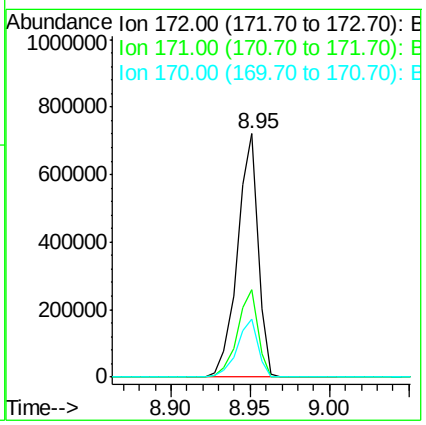


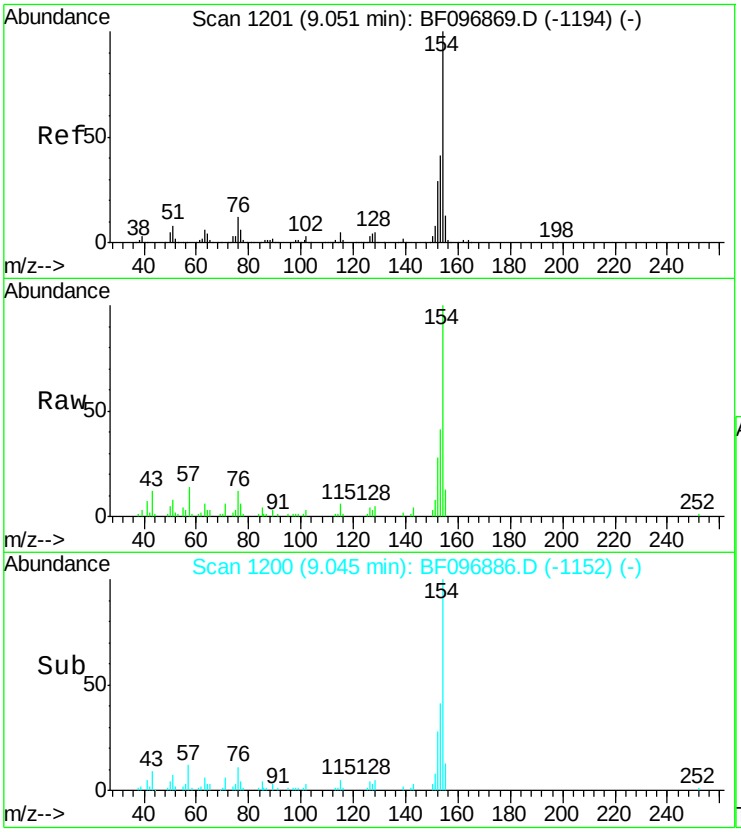


#44
2-Fluorobiphenyl
Concen: 62.76 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:172 Resp: 649817

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8



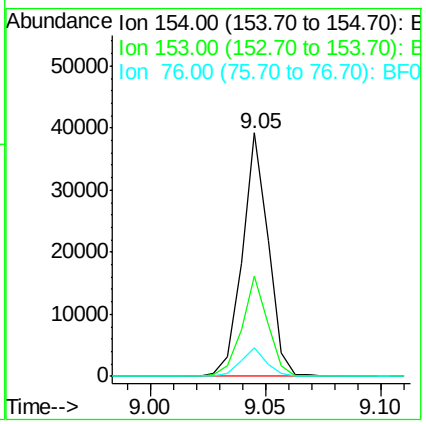


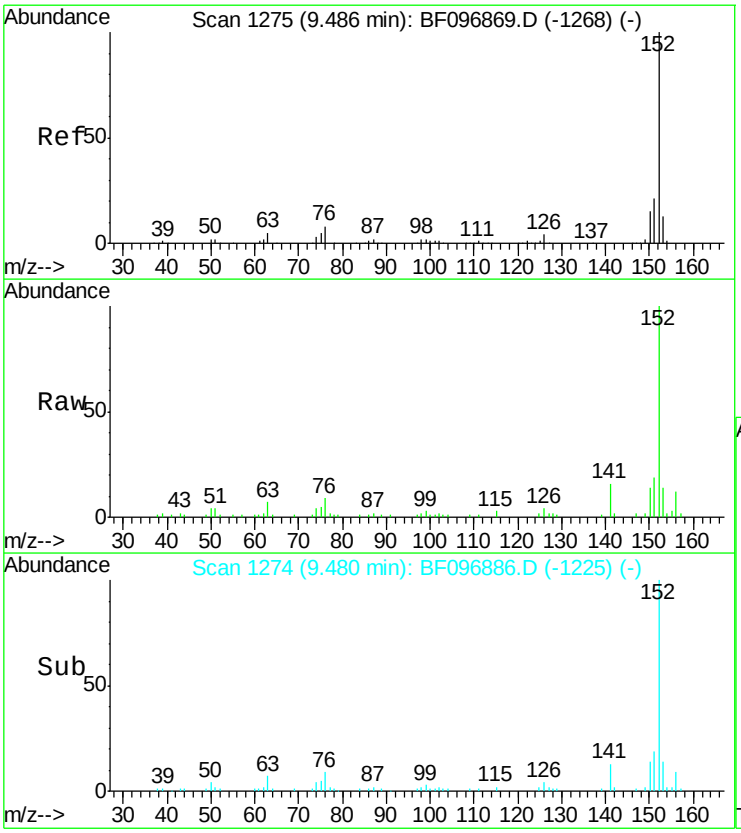
#45
1,1'-Biphenyl
Concen: 2.20 ng
RT: 9.05 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 30931

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	11.9	0.0	29.9

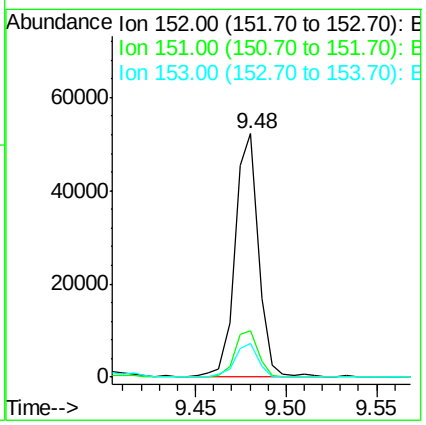


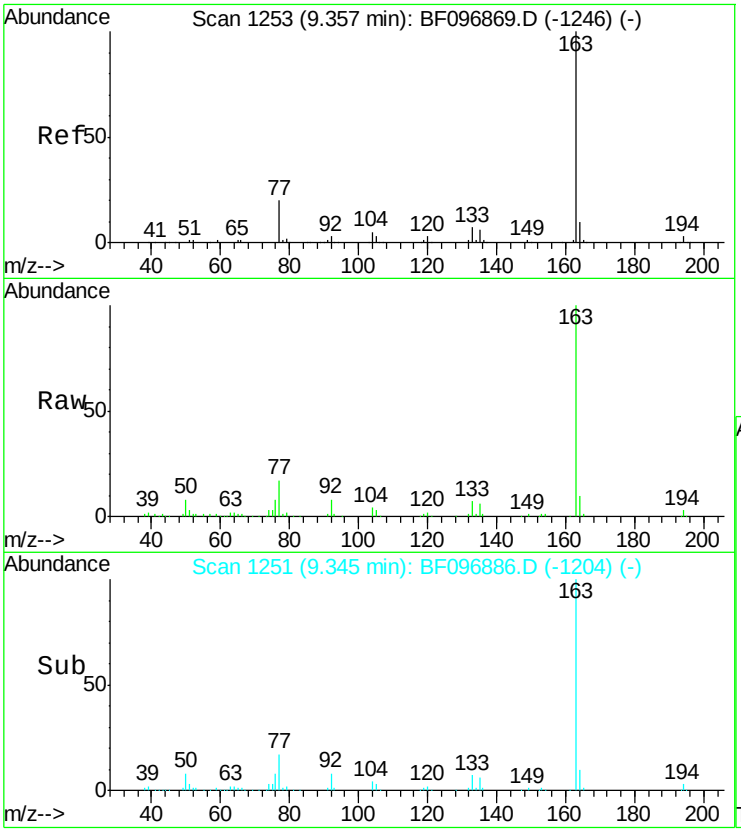


#48
Acenaphthylene
Concen: 2.87 ng
RT: 9.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:152 Resp: 47166

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.8	25.2
153	14.1	10.8	16.2



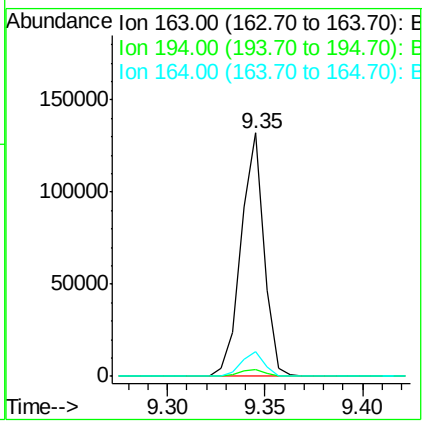


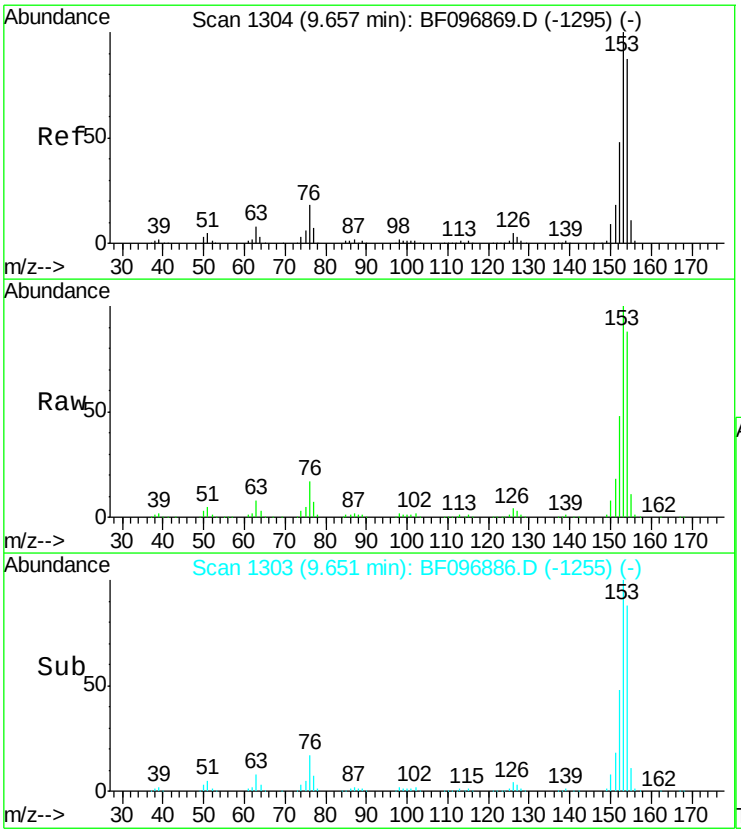
#49
Dimethylphthalate
Concen: 8.74 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 107639

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.1	8.4	12.6

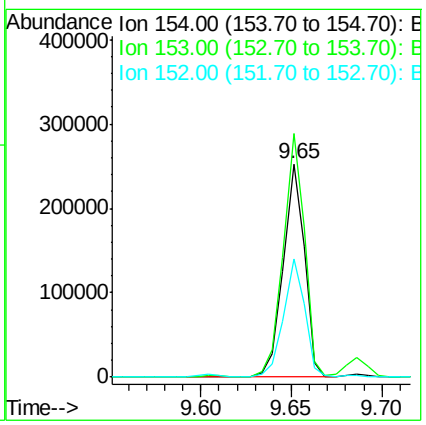


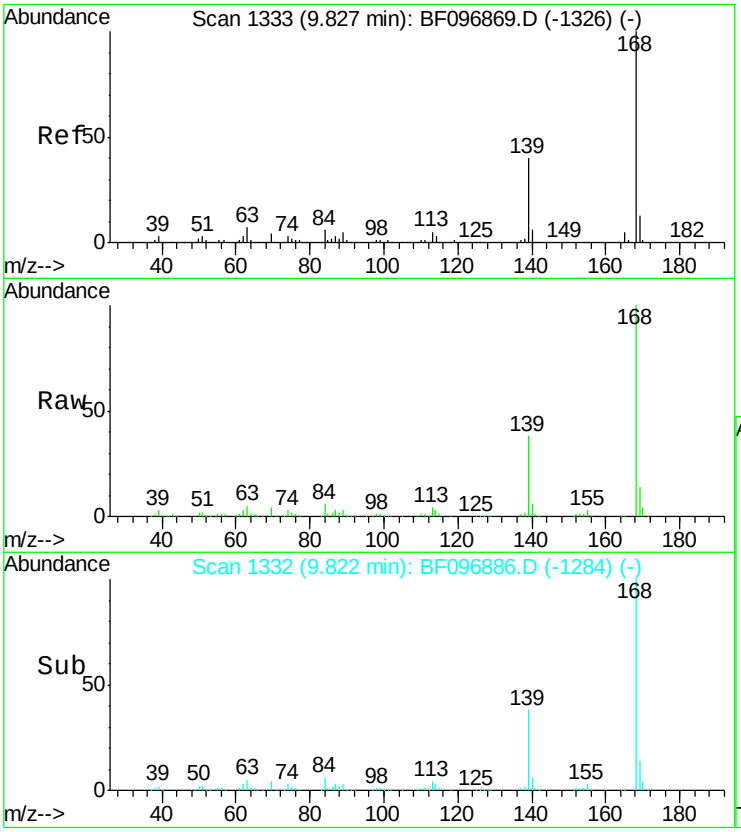


#51
Acenaphthene
Concen: 21.39 ng
RT: 9.65 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:154 Resp: 208014

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	55.2	43.6	65.4



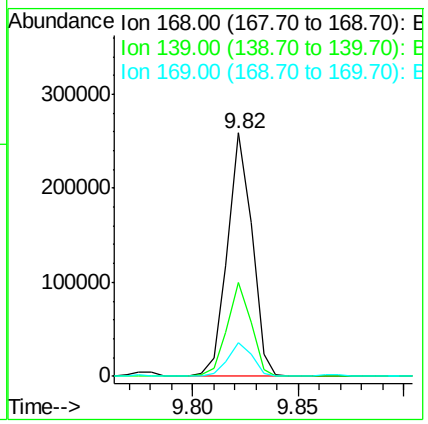


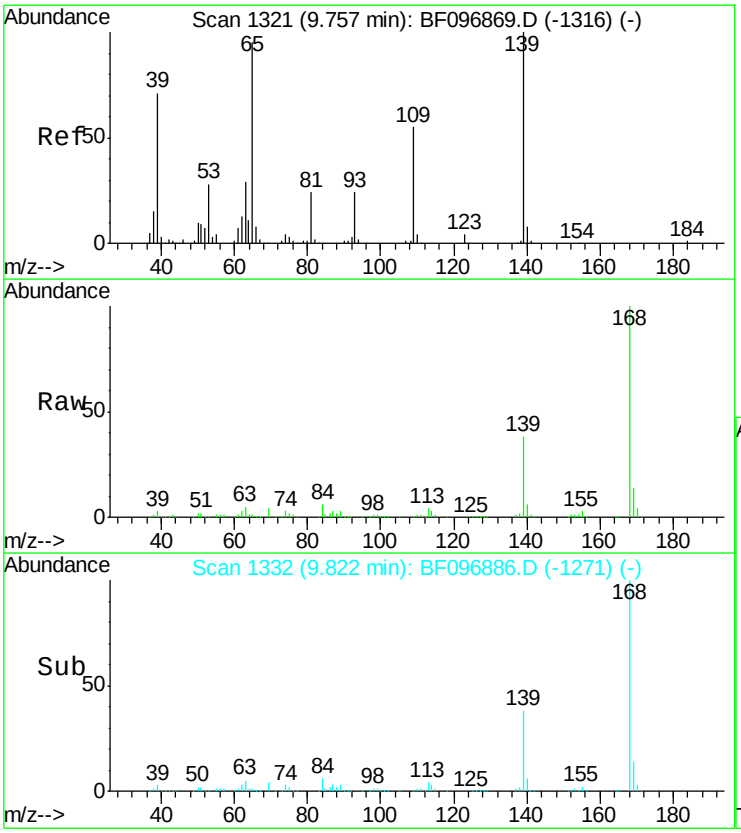
#54
Dibenzofuran
Concen: 15.27 ng
RT: 9.82 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 208106

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	45.8
169	14.1	10.8	16.2

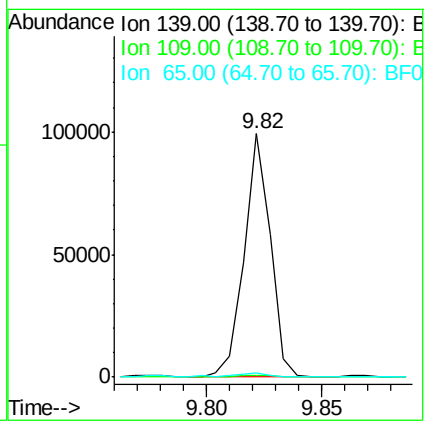


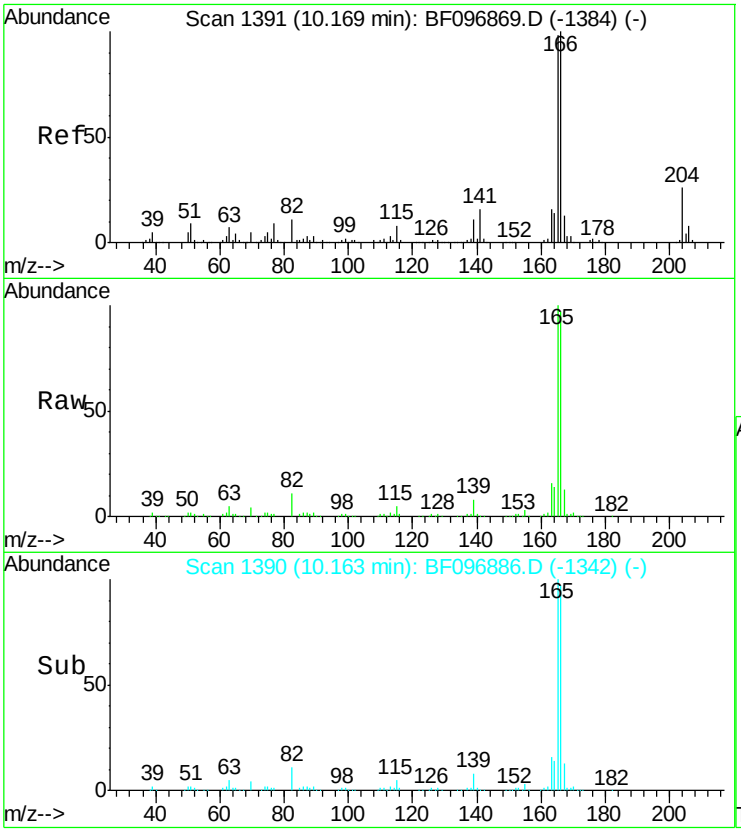


#55
4-Nitrophenol
Concen: 34.16 ng
RT: 9.82 min Scan# 1332
Delta R.T. 0.06 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:139 Resp: 78872

Ion	Ratio	Lower	Upper
139	100		
109	0.7	34.1	74.1#
65	1.9	31.4	71.4#



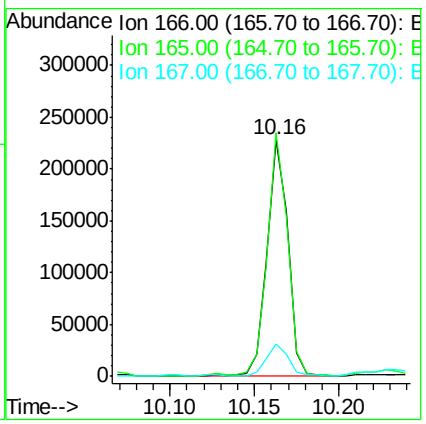


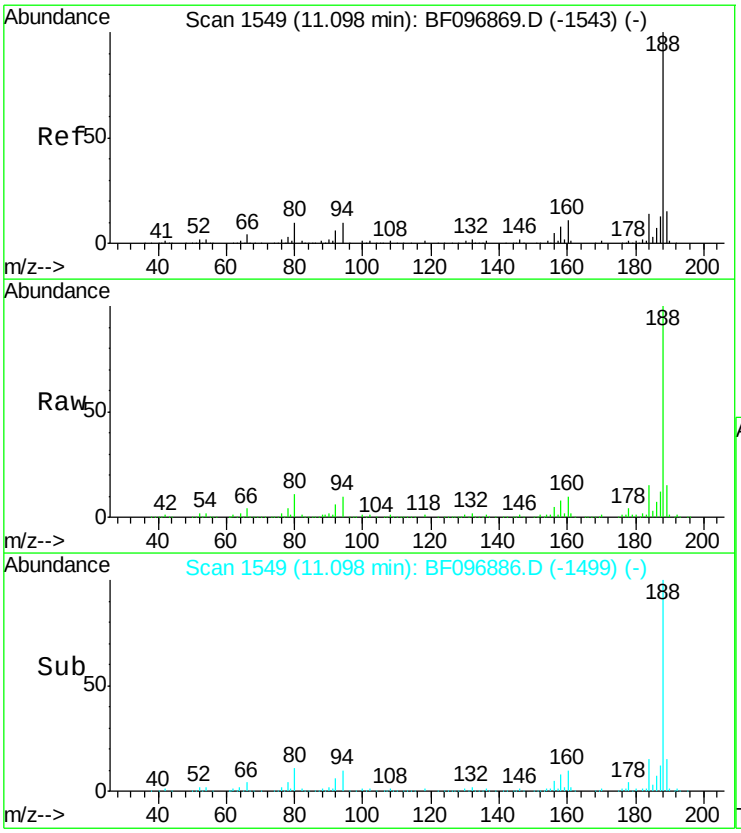
#57
Fluorene
Concen: 19.34 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 194734

Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.8	118.2
167	13.8	10.6	16.0

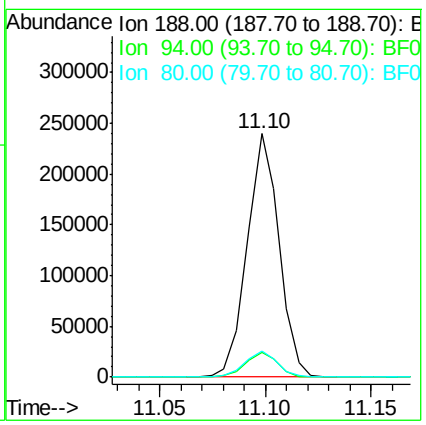


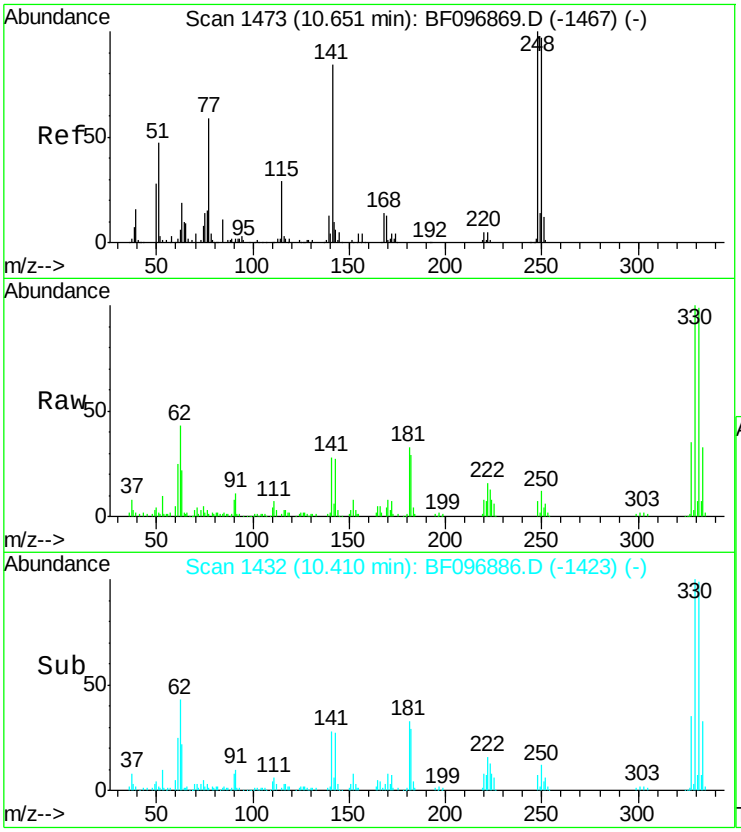


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:188 Resp: 251241

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.6	10.2	15.2



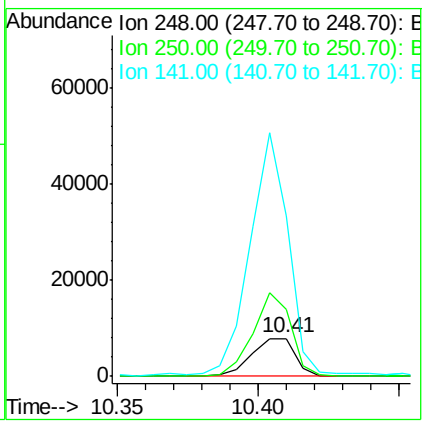


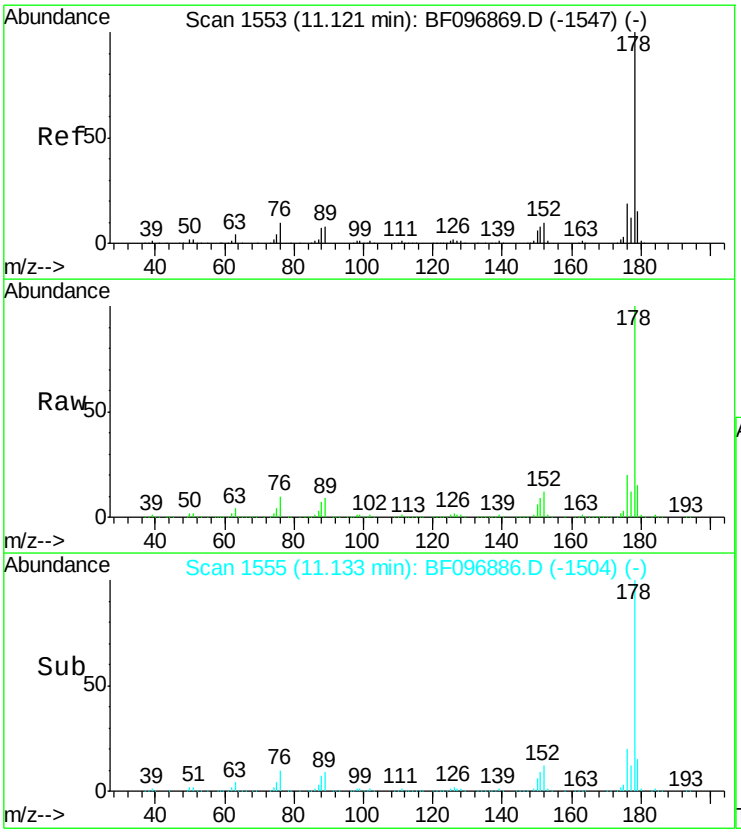
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.41 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8537

Ion	Ratio	Lower	Upper
248	100		
250	175.9	76.8	115.2#
141	423.2	68.6	103.0#

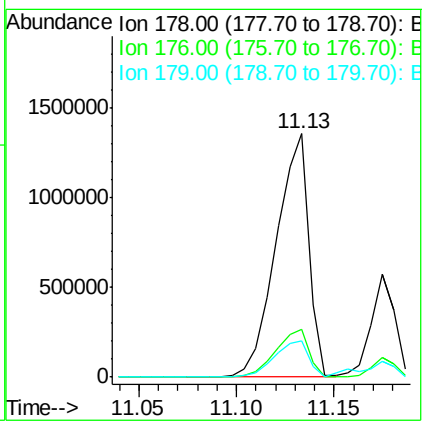


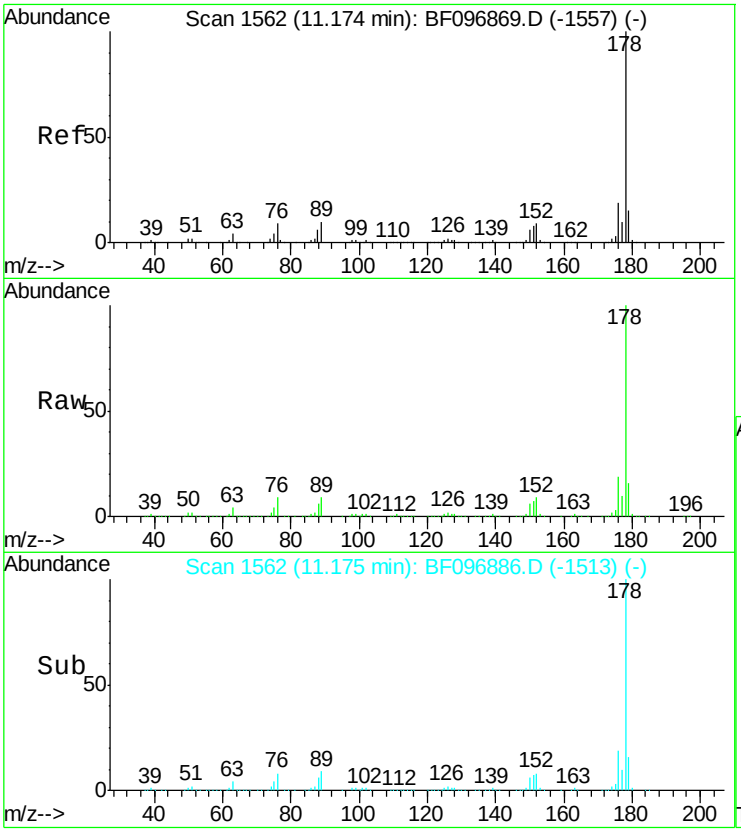


#70
Phenanthrene
Concen: 114.99 ng
RT: 11.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:178 Resp: 1570873

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.0	12.6	19.0



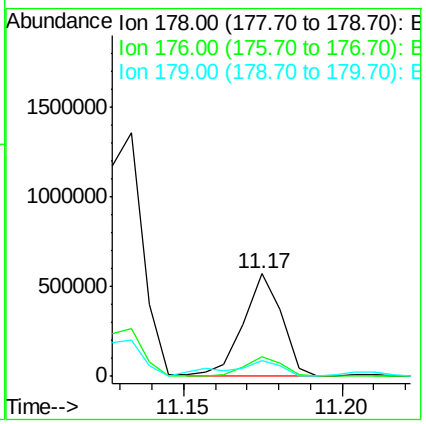


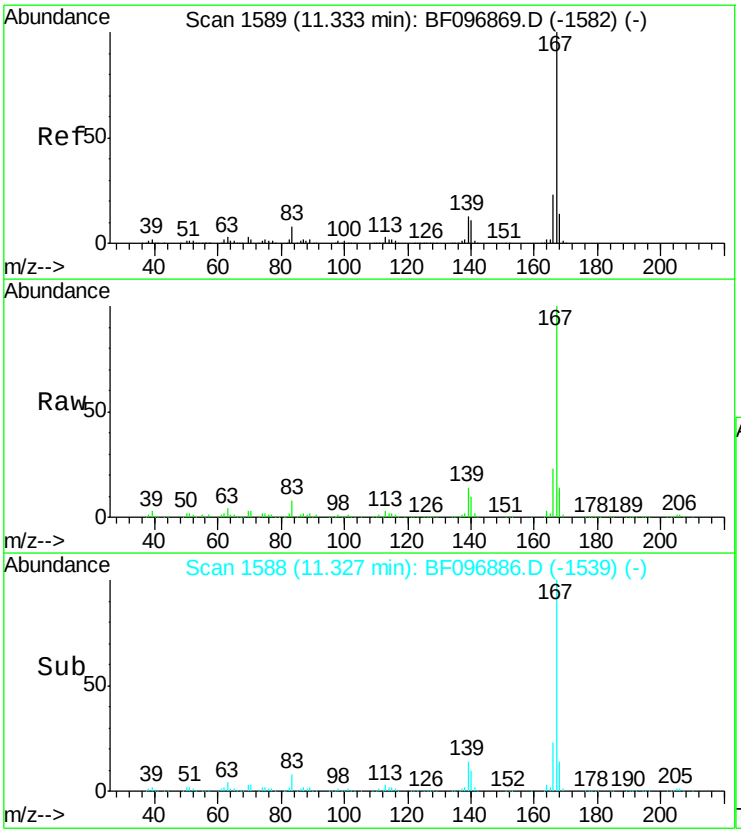
#71
Anthracene
Concen: 34.40 ng
RT: 11.17 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 475096

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.0	12.7	19.1

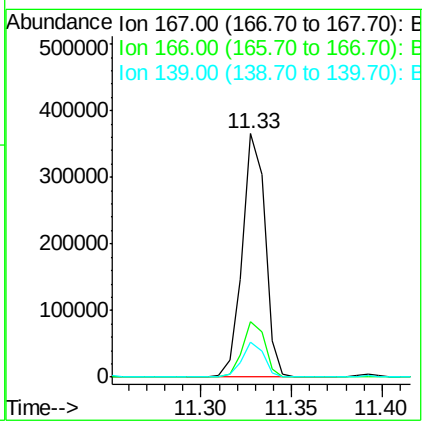


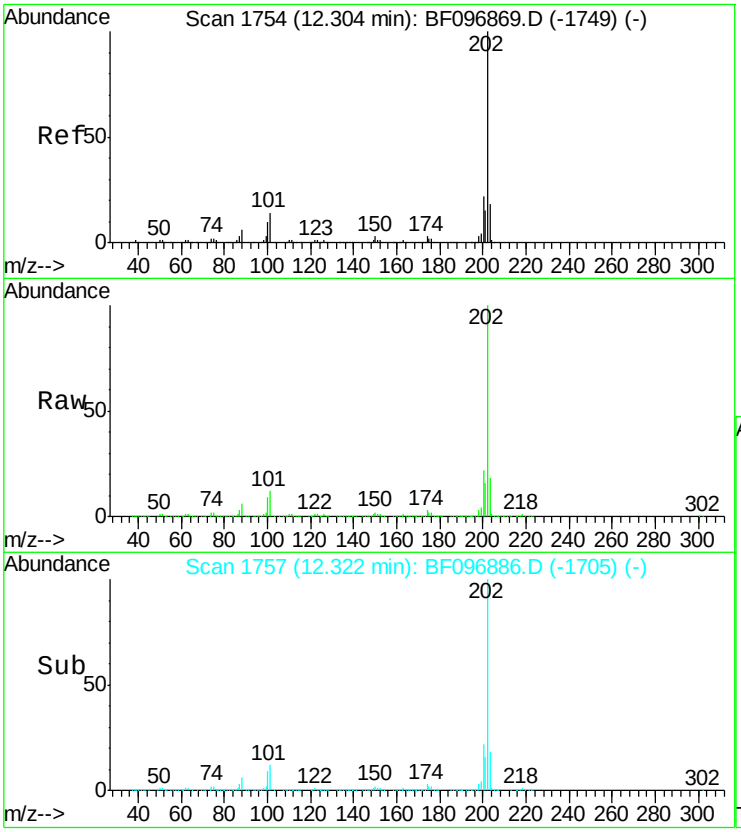


#72
Carbazole
Concen: 24.01 ng
RT: 11.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:167 Resp: 321149

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	14.4	11.7	17.5



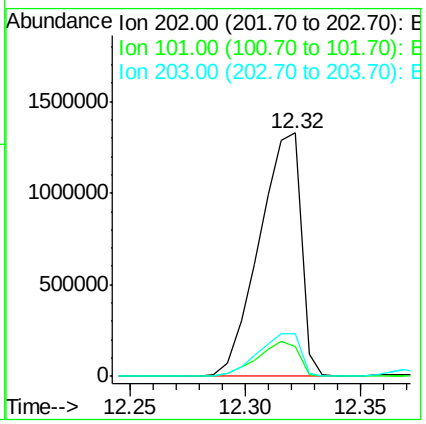


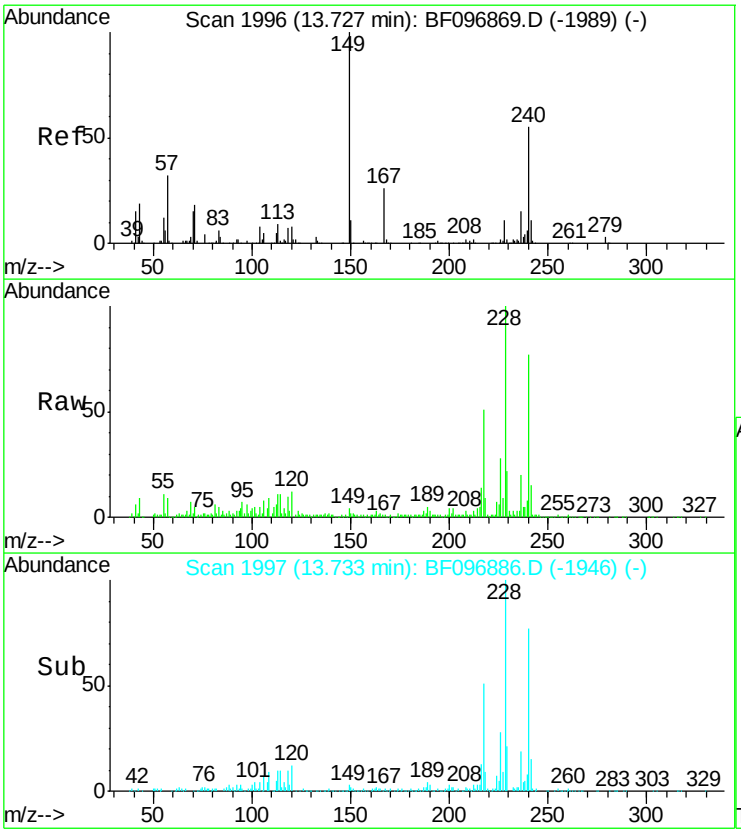
#74
Fluoranthene
Concen: 127.62 ng
RT: 12.32 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1668786

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.7	0.0	38.1

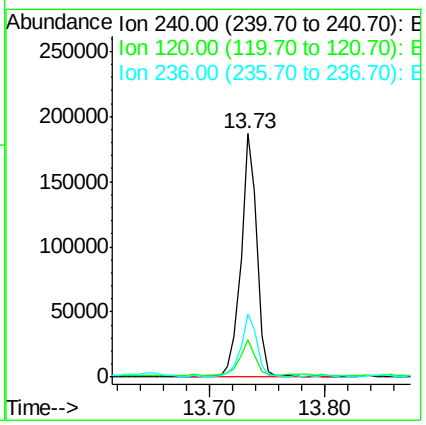


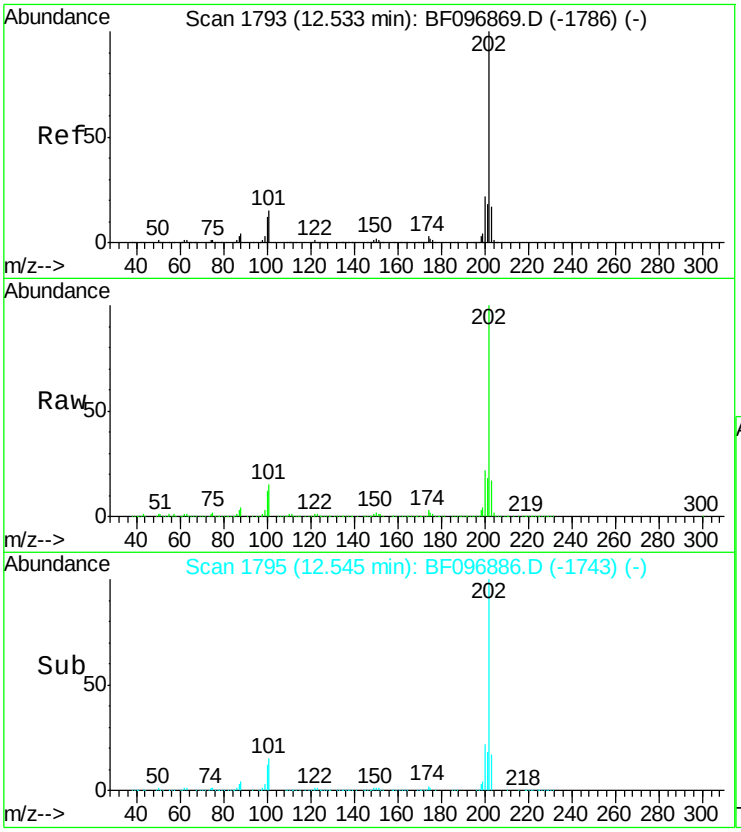


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:240 Resp: 177120

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.7	20.5	30.7



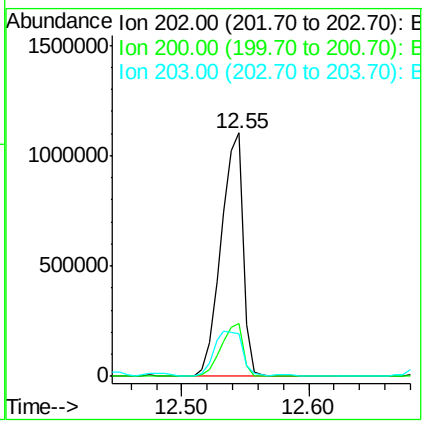


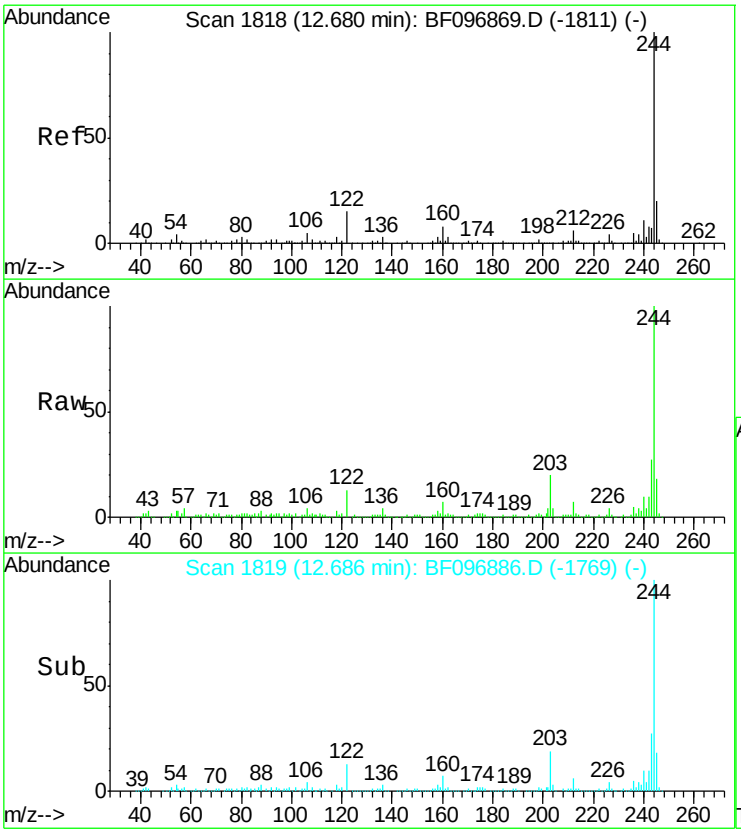
#77
Pyrene
Concen: 82.45 ng
RT: 12.55 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1325386

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.3	14.4	21.6

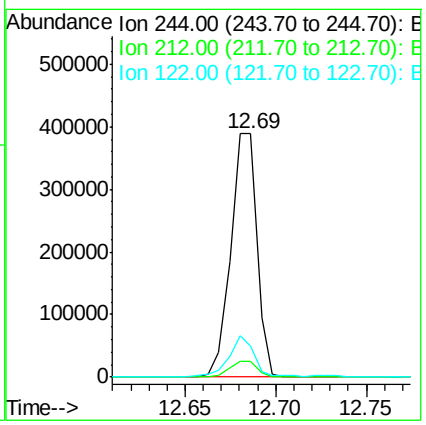


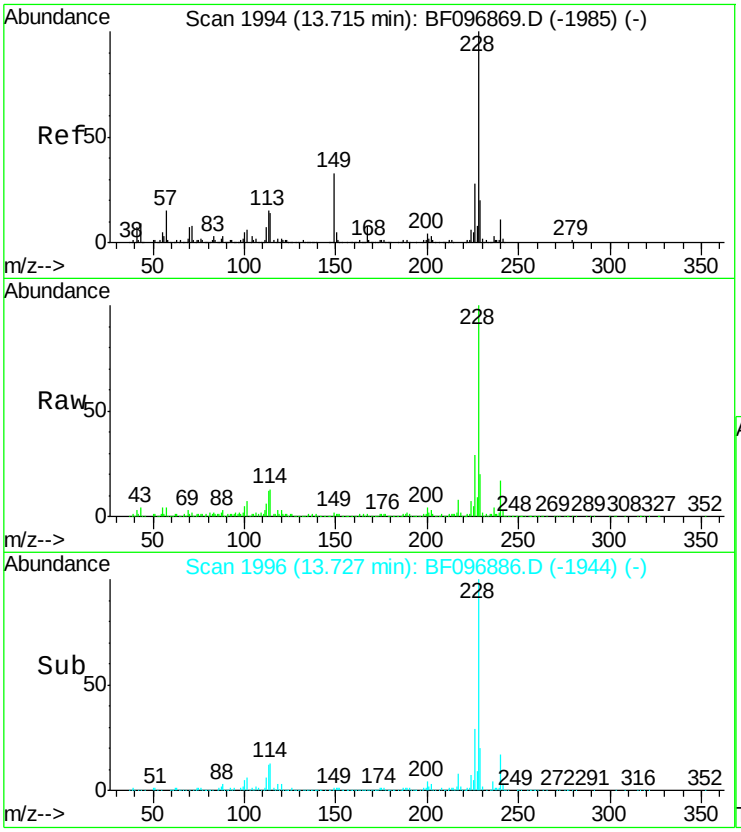


#78
Terphenyl-d14
Concen: 38.49 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:244 Resp: 393082

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	12.8	10.3	15.5



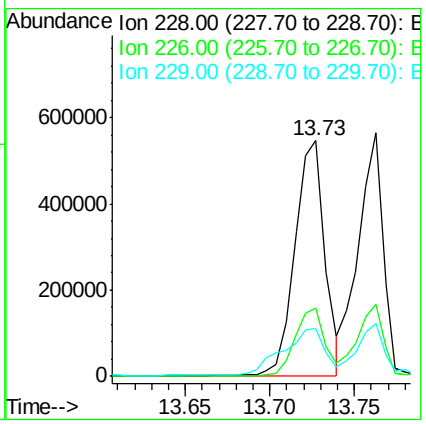


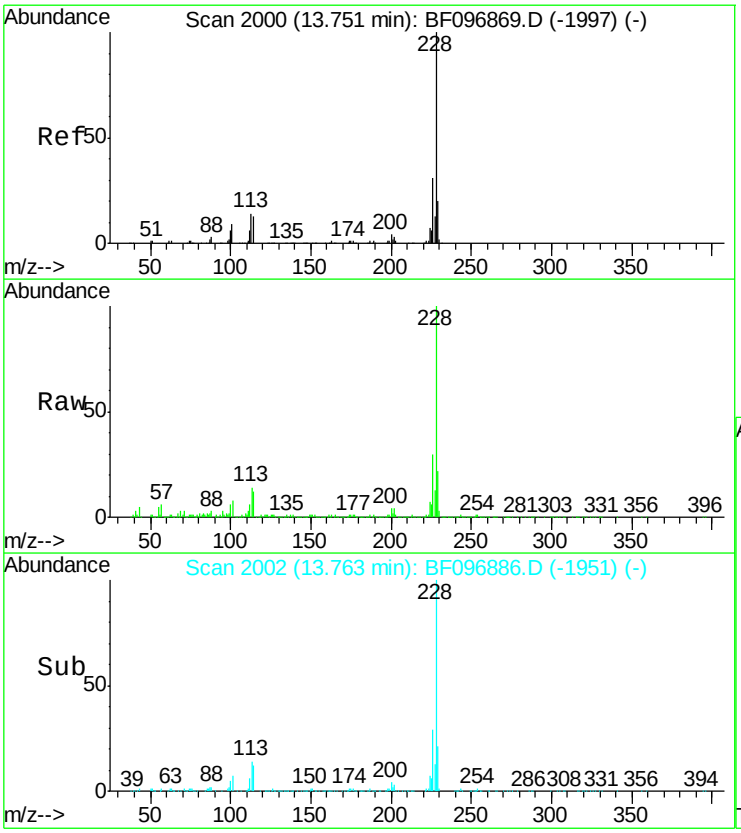
#80
Benzo(a)anthracene
Concen: 60.84 ng
RT: 13.73 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 671475

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.3	16.3	24.5

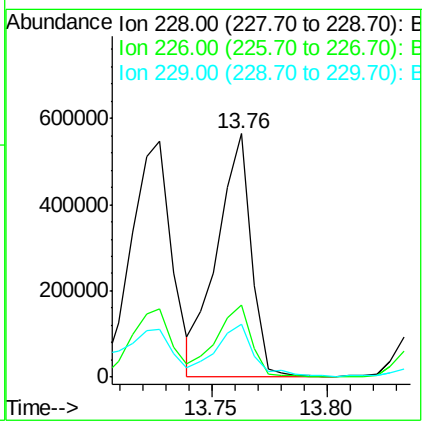


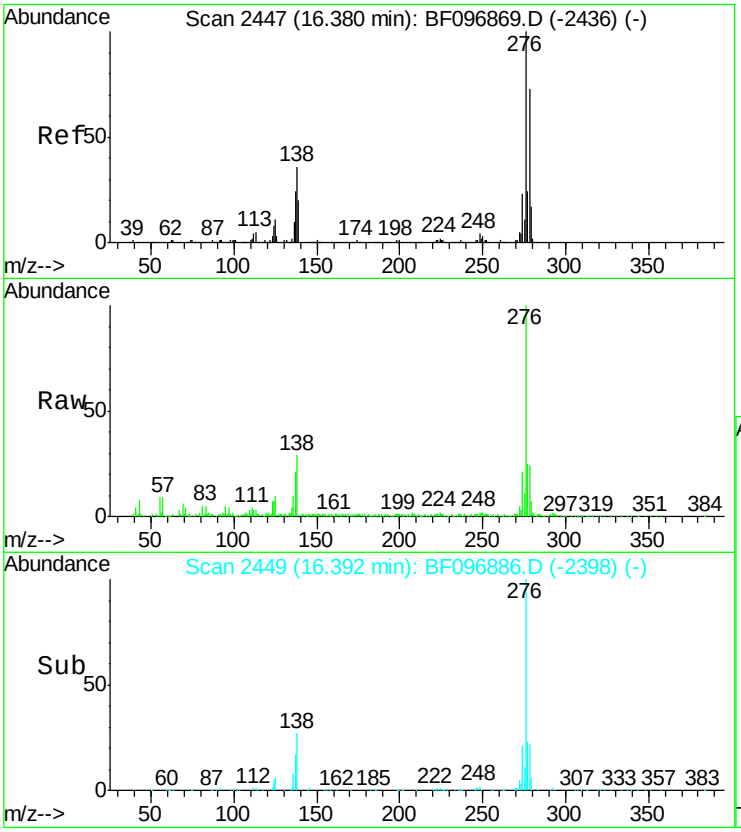


#82
Chrysene
Concen: 53.20 ng
RT: 13.76 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:228 Resp: 577979

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	21.9	15.8	23.6



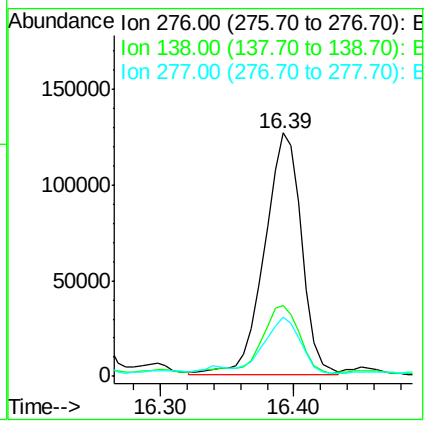


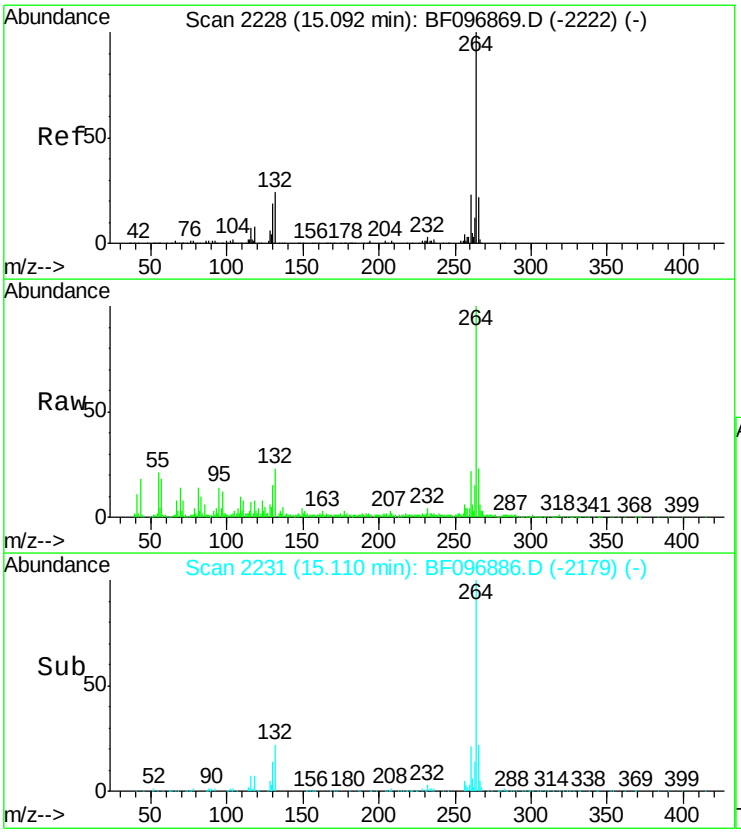
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.07 ng
RT: 16.39 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 245805

Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	23.0	20.2	30.4

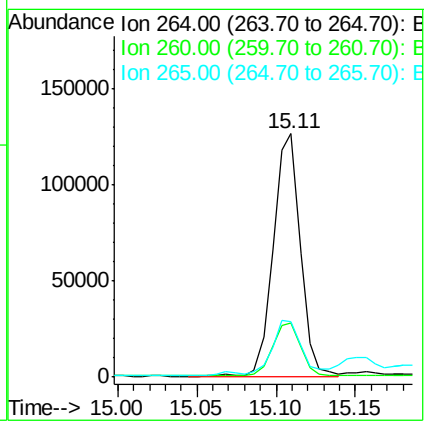


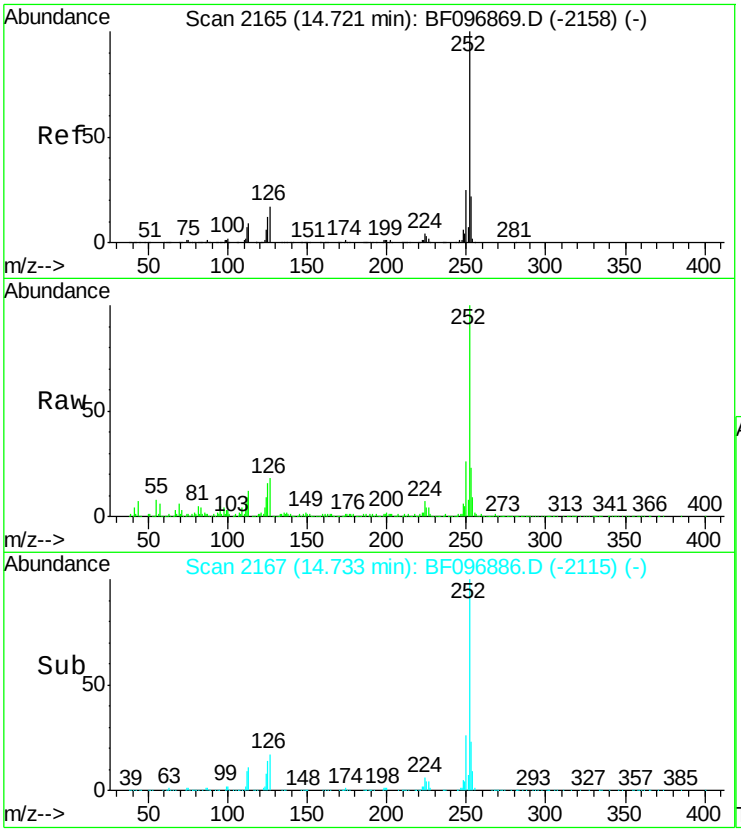


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:264 Resp: 149532

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	22.9	17.2	25.8



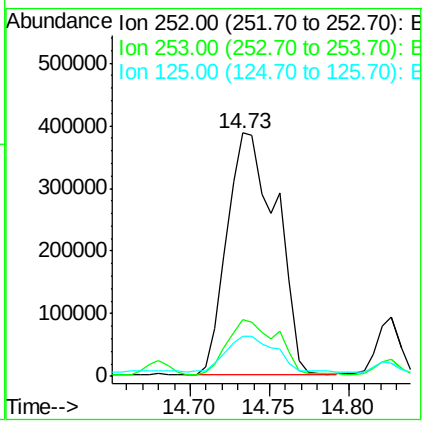


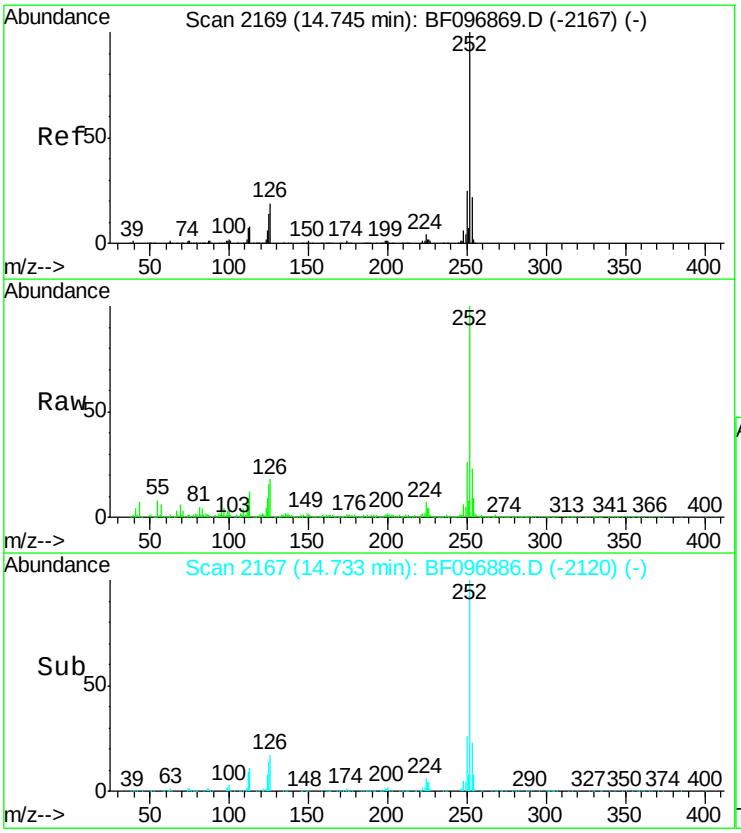
#87
Benzo(b)fluoranthene
Concen: 93.11 ng
RT: 14.73 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 839702

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	16.4	9.8	14.8#

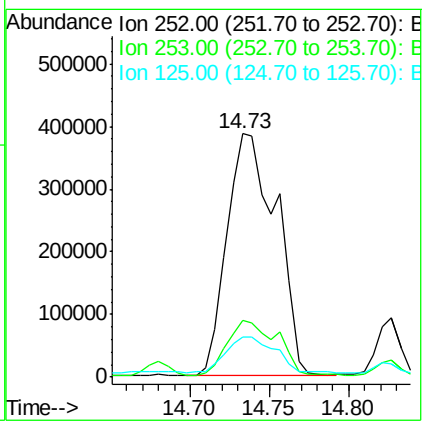


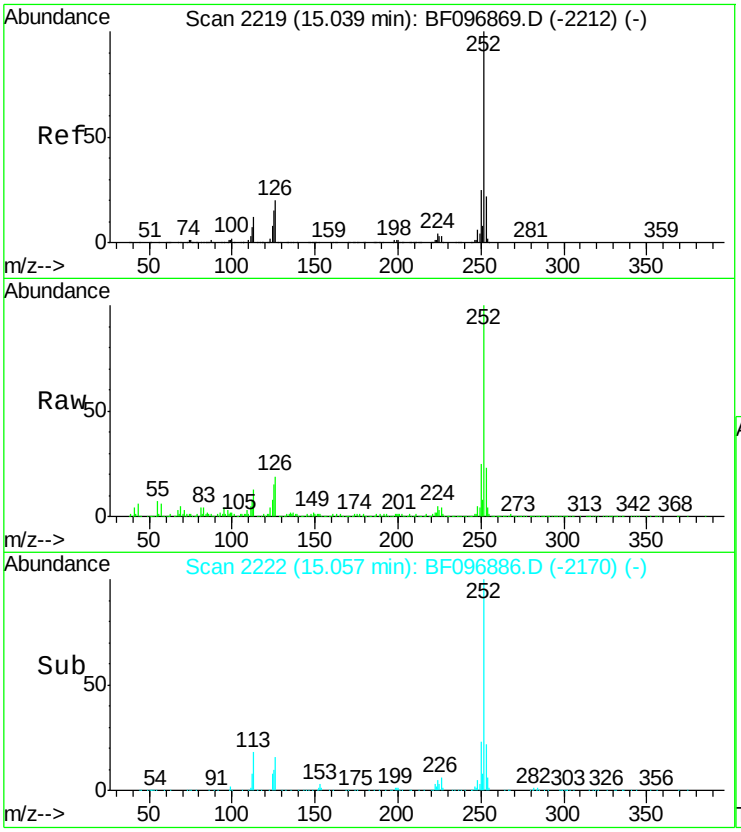


#88
Benzo(k)fluoranthene
Concen: 98.33 ng
RT: 14.73 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:252 Resp: 839702

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	16.4	13.1	19.7



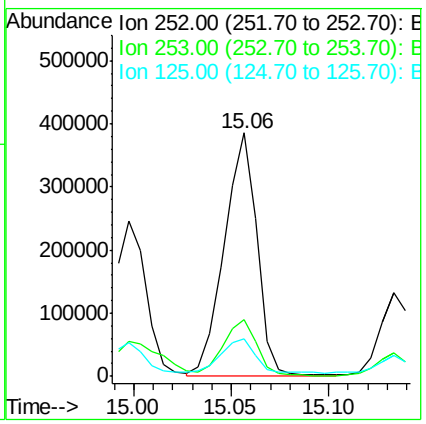


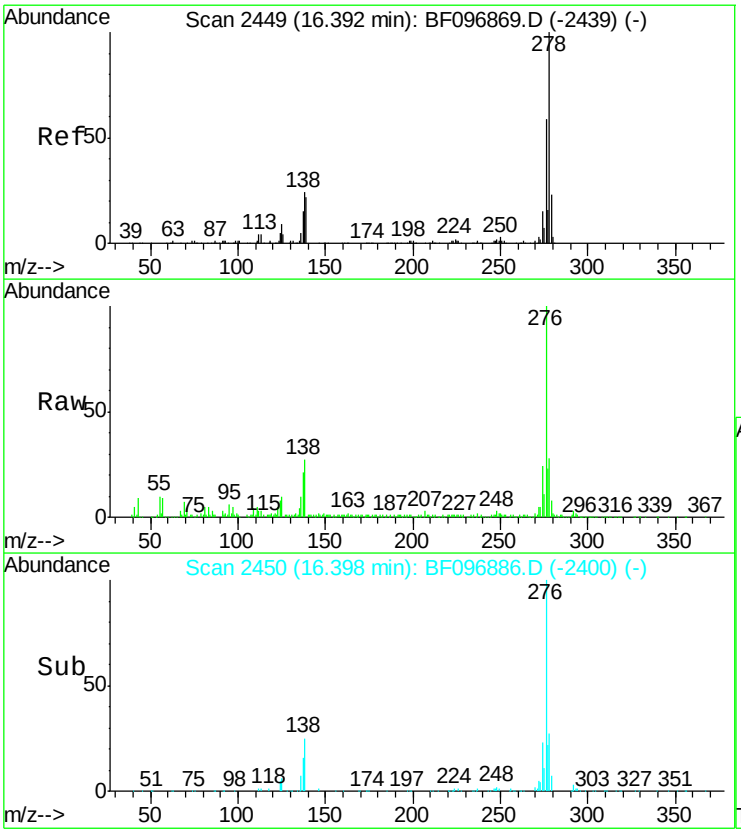
#89
Benzo(a)pyrene
Concen: 53.58 ng
RT: 15.06 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 443211

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.3	11.0	16.4

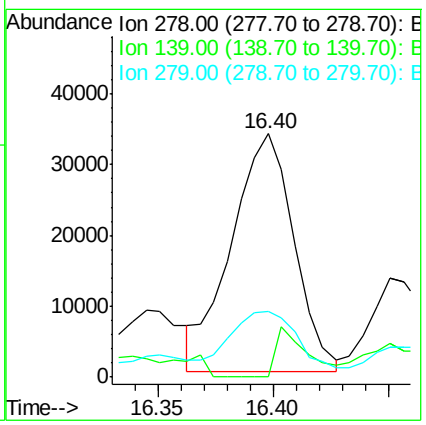


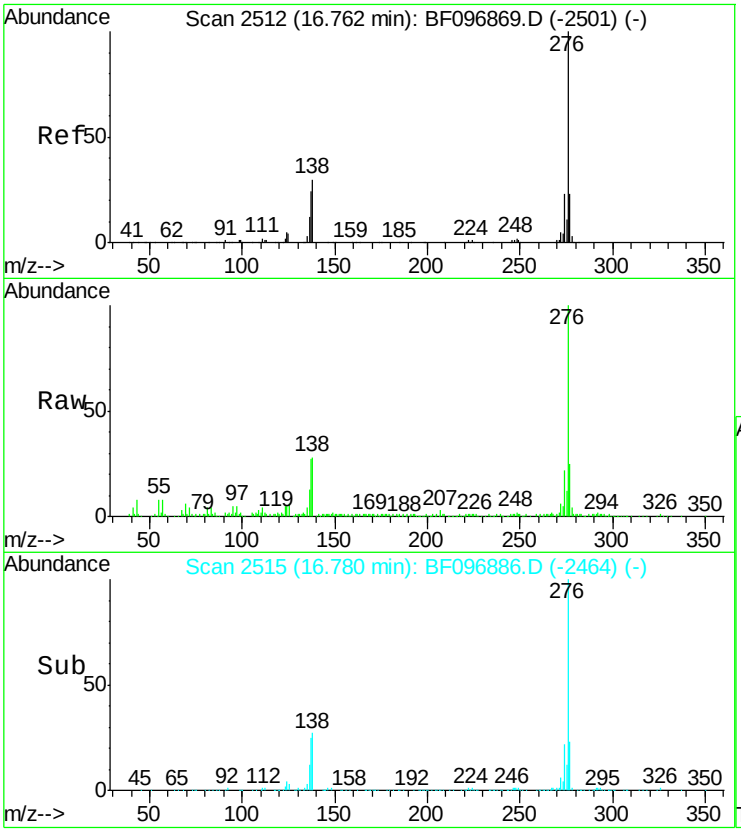


#90
Dibenzo(a,h)anthracene
Concen: 8.36 ng
RT: 16.40 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Tgt Ion:278 Resp: 63641

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	27.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 26.82 ng
RT: 16.78 min Scan# 2515
Delta R.T. 0.00 min
Lab File: BF096886.D
Acq: 19 Jul 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 218568

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	27.8	25.4	38.0