Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096768.D
Acq On : 14 Jul 2017 11:46
Operator : SJ/JU
Sample : I4172-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 14 12:34:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	97679	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	382377	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	168249	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	269569	20.00	ng		0.00
75) Chrysene-d12	13.77	240	160336	20.00	ng		0.00
86) Perylene-d12	15.16	264	158714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	151834	23.37	ng		0.00
7) Phenol-d6	6.27	99	191728	24.59	ng		0.00
23) Nitrobenzene-d5	7.19	82	106782	17.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	21556	15.01	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	200092	18.79	ng		0.00
78) Terphenyl-d14	12.73	244	132108	14.29	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.37	93	20450	2.130	ng	#	52
11) bis(2-Chloroethyl)ether	6.37	93	20450	3.086	ng		91
12) 1,3-Dichlorobenzene	6.57	146	44652	5.994	ng		96
13) 1,4-Dichlorobenzene	6.65	146	210869	27.951	ng		94
14) 1,2-Dichlorobenzene	6.81	146	663575	96.704	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	56373	4.122	ng		90
18) Hexachloroethane	7.17	117	11162	4.172	ng	#	1
27) 2,4-Dimethylphenol	7.59	122	12397	2.123	ng		87
30) 1,2,4-Trichlorobenzene	7.87	180	54447	10.832	ng		96
31) Naphthalene	7.95	128	1607348	88.735	ng		99
33) 4-Chloroaniline	7.95	127	226688	31.586	ng	#	33
35) Caprolactam	8.37	113	7668	4.527	ng	#	1
37) 2-Methylnaphthalene	8.65	142	1969806	170.571	ng		98
45) 1,1'-Biphenyl	9.10	154	332993	23.077	ng		98
48) Acenaphthylene	9.53	152	38552	2.277	ng	#	11
49) Dimethylphthalate	9.39	163	31976	2.524	ng	#	65
51) Acenaphthene	9.70	154	167301	16.728	ng		98
53) 2,4-Dinitrophenol	9.73	184	436	7.035	ng	#	1
54) Dibenzofuran	9.87	168	77796	5.551	ng	#	56
55) 4-Nitrophenol	9.82	139	7161	3.015	ng		95
56) 2,4-Dinitrotoluene	9.88	165	18826	5.339	ng	#	37
57) Fluorene	10.22	166	89078	8.601	ng	#	92
60) 4-Chlorophenyl-phenylether	10.23	204	394	Below Cal		#	1
65) n-Nitrosodiphenylamine	10.33	169	102372	10.624	ng	#	49
70) Phenanthrene	11.17	178	195740	13.354	ng		97
71) Anthracene	11.22	178	35639	2.405	ng		96
74) Fluoranthene	12.35	202	30082	2.144	ng		98
77) Pyrene	12.58	202	35490	2.439	ng		98
85) Indeno(1,2,3-cd)pyrene	16.47	276	3211	3.668	ng	#	83

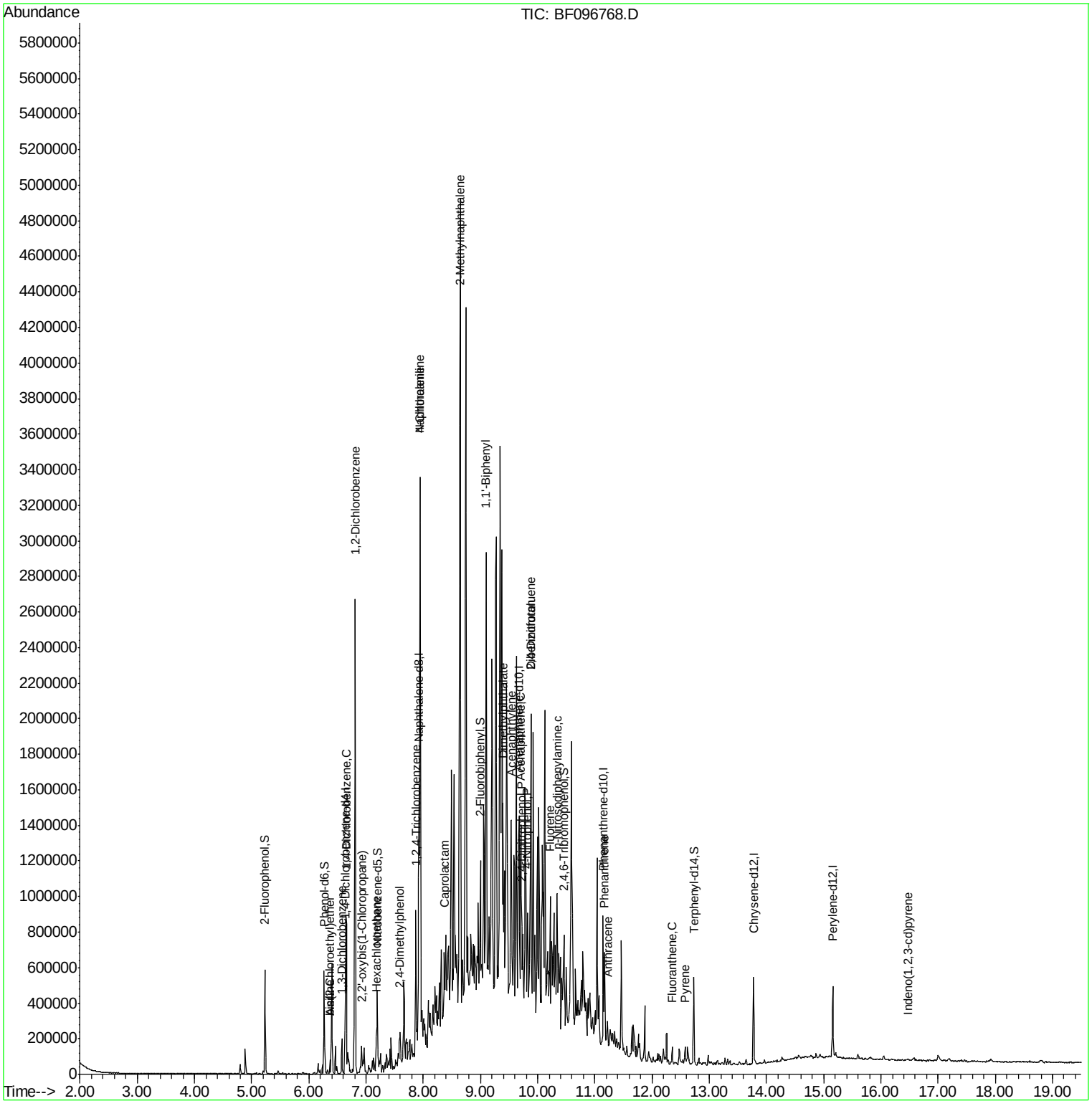
(#) = qualifier out of range (m) = manual integration (+) = signals summed

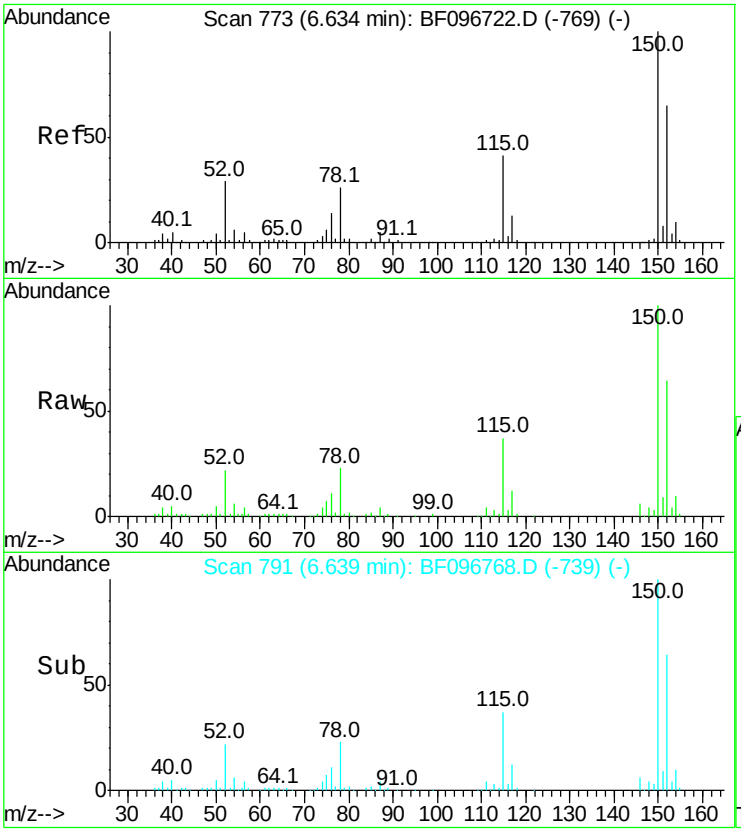
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096768.D
Acq On : 14 Jul 2017 11:46
Operator : SJ/JU
Sample : I4172-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 14 12:34:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration



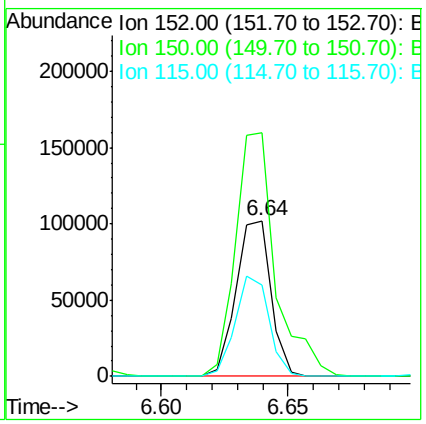


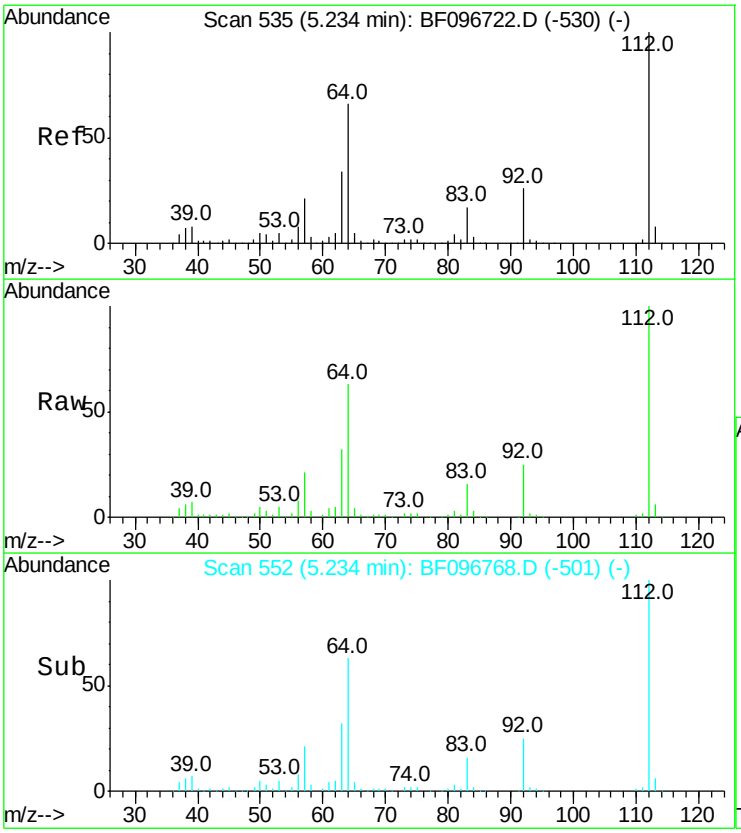
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97679

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	58.5	52.2	78.2

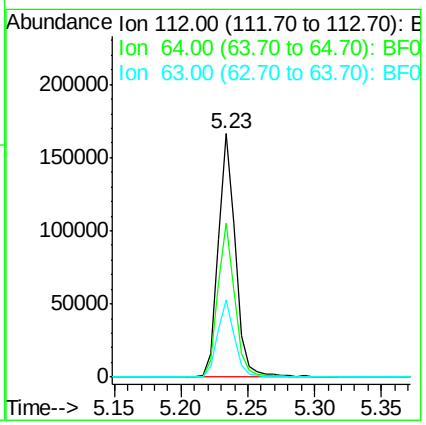


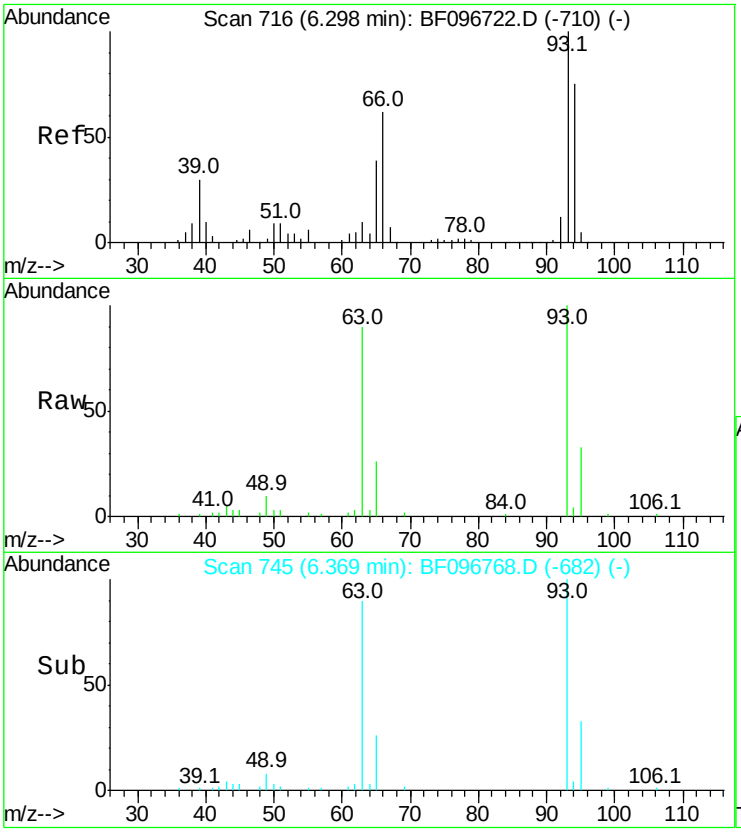


#5
2-Fluorophenol
Concen: 23.372 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:112 Resp: 151834

Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.0	69.0
63	31.8	23.4	35.0



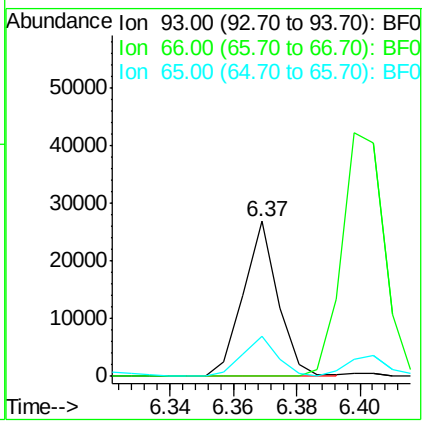


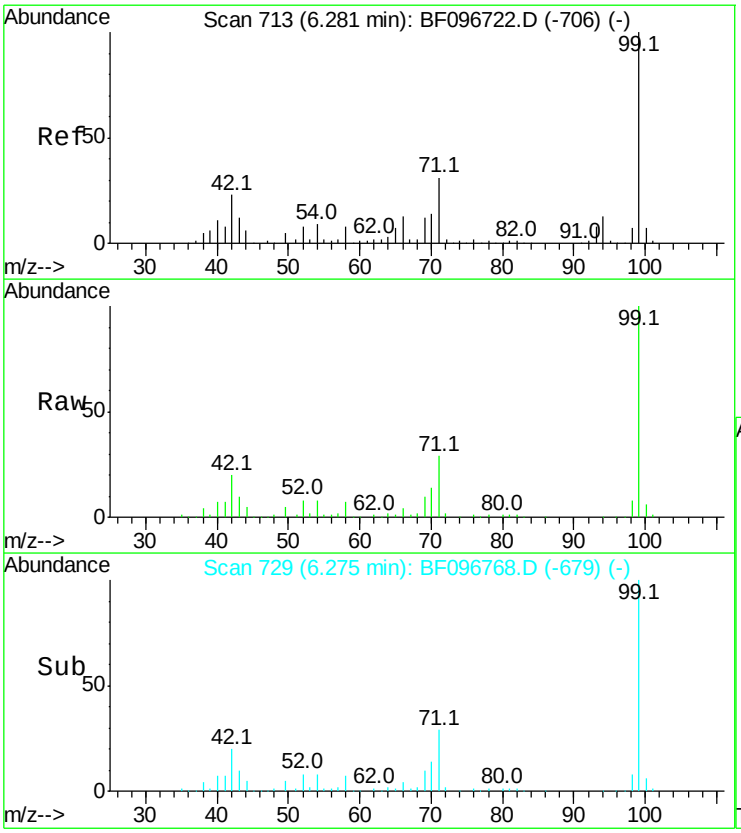
#6
Aniline
Concen: 2.130 ng
RT: 6.37 min Scan# 745
Delta R.T. 0.07 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 20450

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.9	49.3#
65	25.8	16.0	24.0#

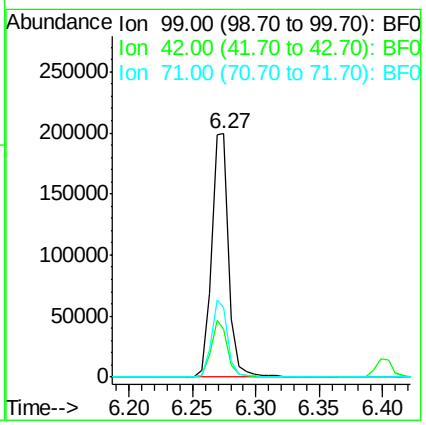


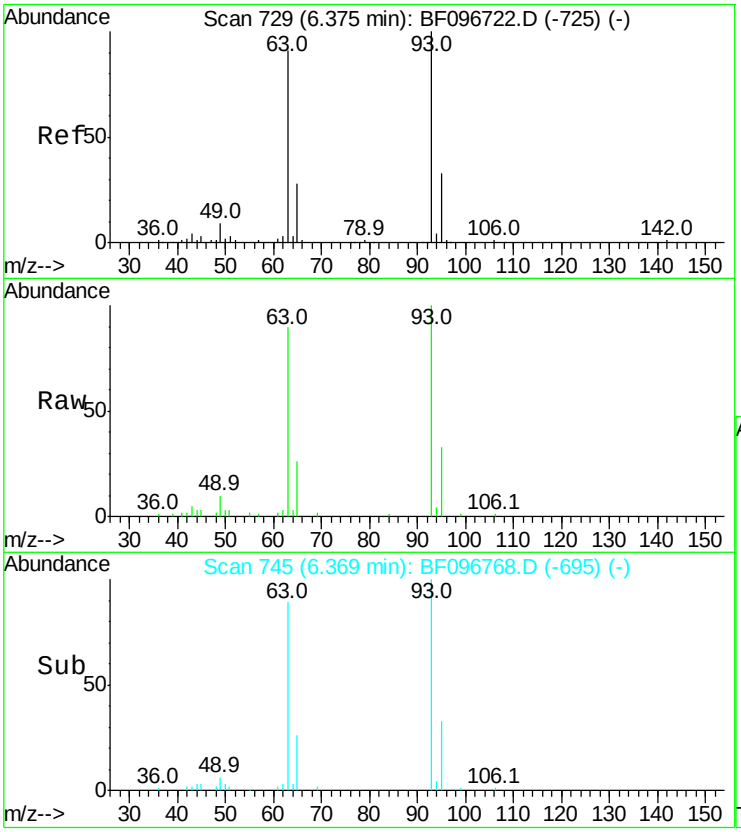


#7
Phenol-d6
Concen: 24.593 ng
RT: 6.27 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion: 99 Resp: 191728

Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.5	20.3
71	28.5	24.5	36.7



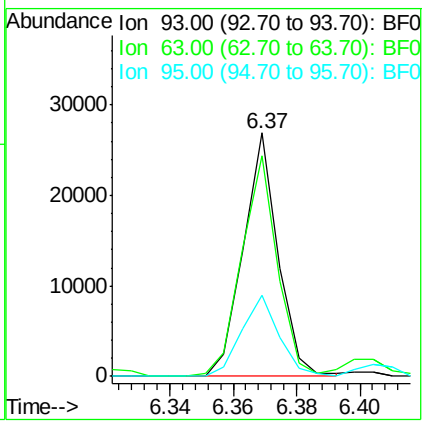


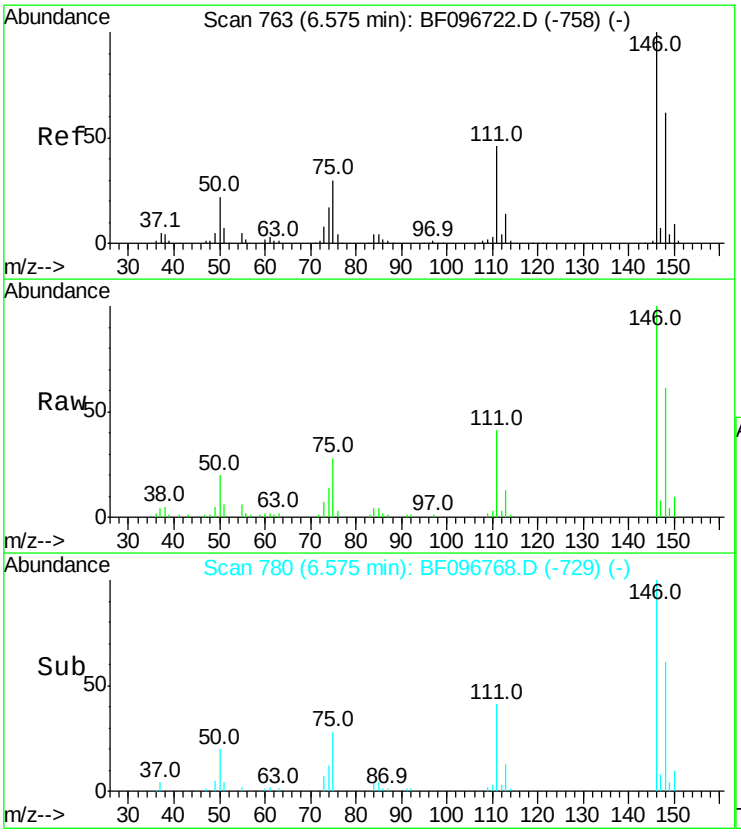
#11
bis(2-Chloroethyl)ether
Concen: 3.086 ng
RT: 6.37 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 20450

Ion	Ratio	Lower	Upper
93	100		
63	90.4	59.2	99.2
95	33.4	12.8	52.8

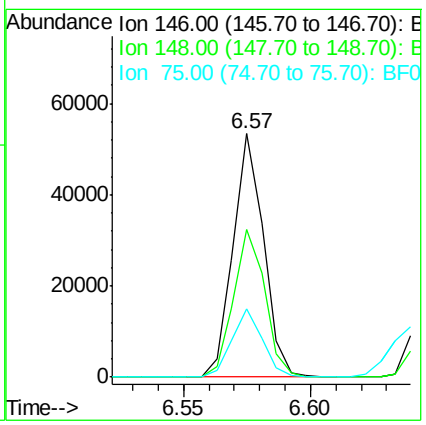


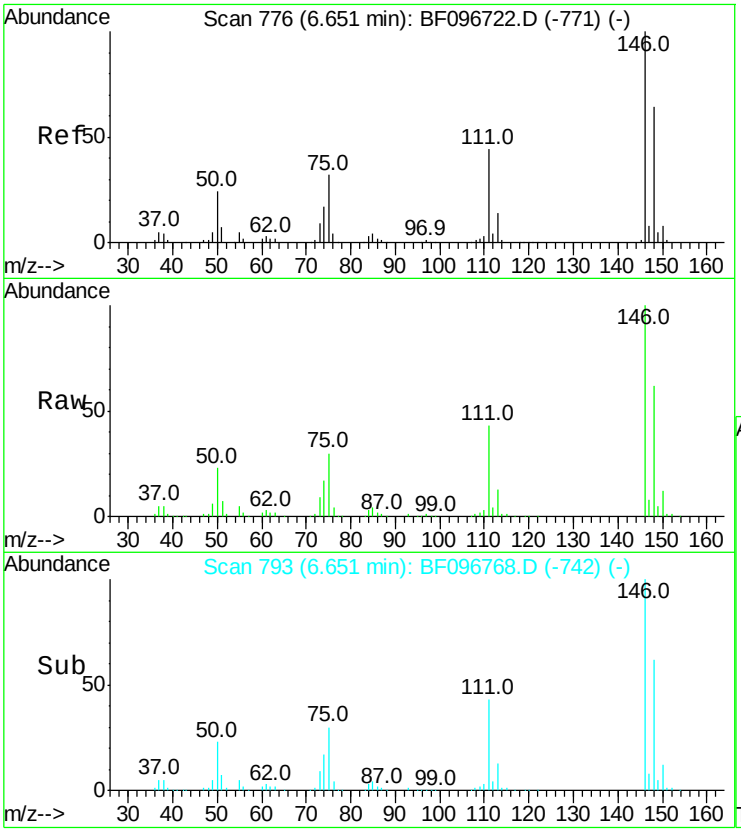


#12
1,3-Dichlorobenzene
Concen: 5.994 ng
RT: 6.57 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:146 Resp: 44652

Ion	Ratio	Lower	Upper
146	100		
148	60.6	51.8	77.6
75	28.0	23.1	34.7



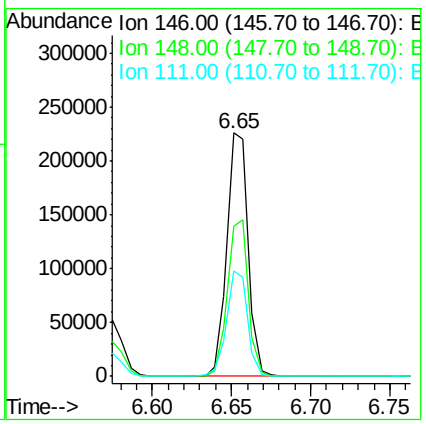


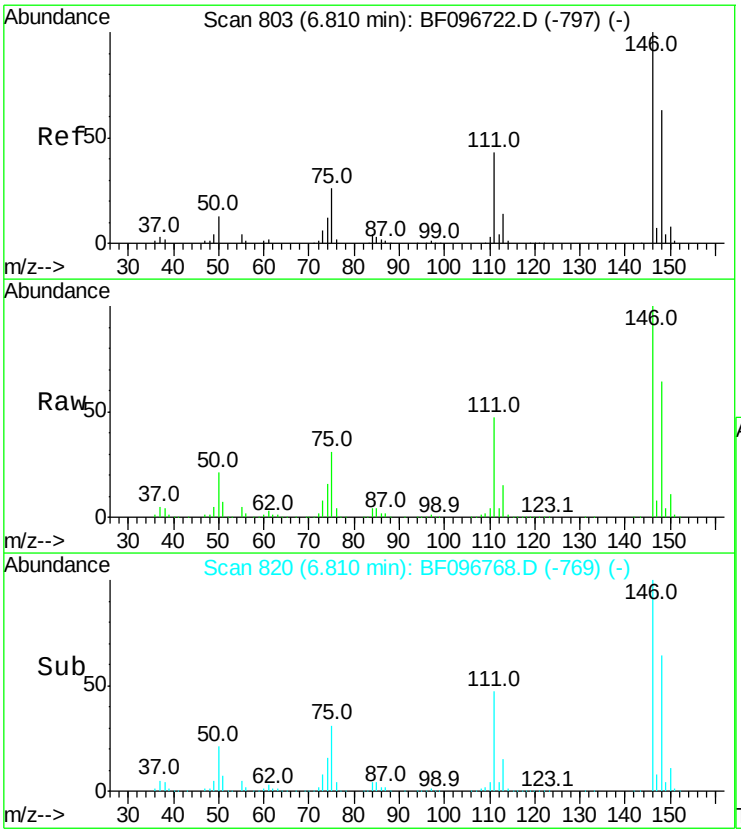
#13
1,4-Dichlorobenzene
Concen: 27.951 ng
RT: 6.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 210869

Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.2	78.2
111	43.4	30.3	45.5

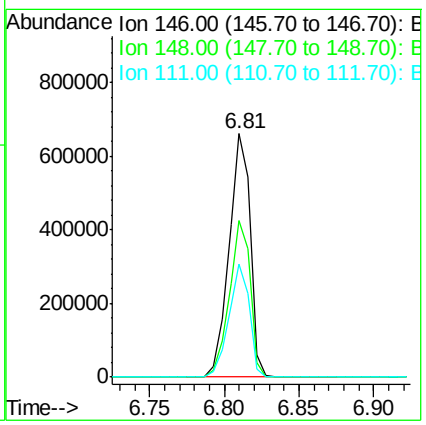


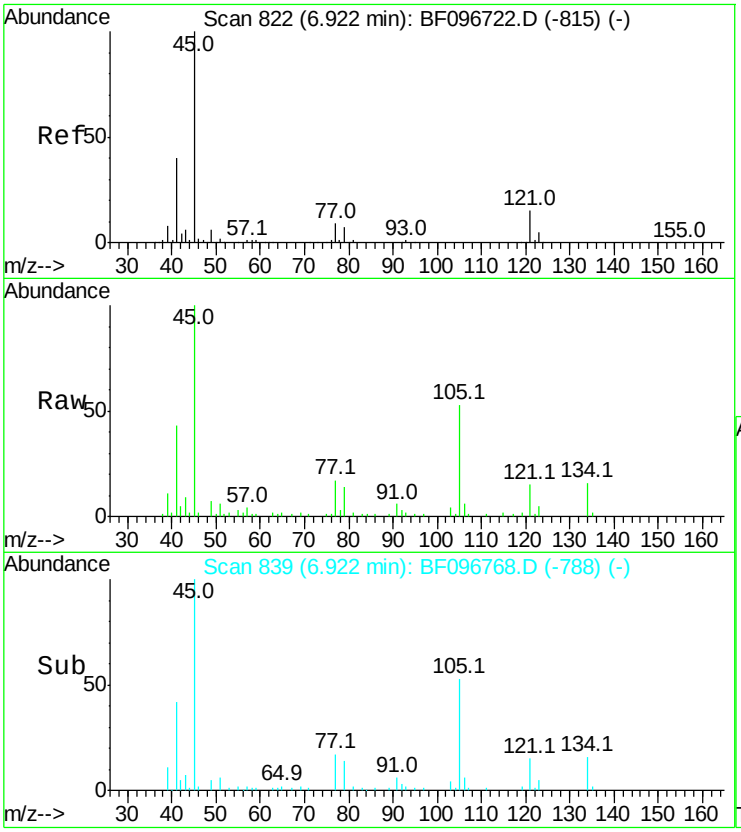


#14
1,2-Dichlorobenzene
Concen: 96.704 ng
RT: 6.81 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:146 Resp: 663575

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	46.5	38.2	57.4



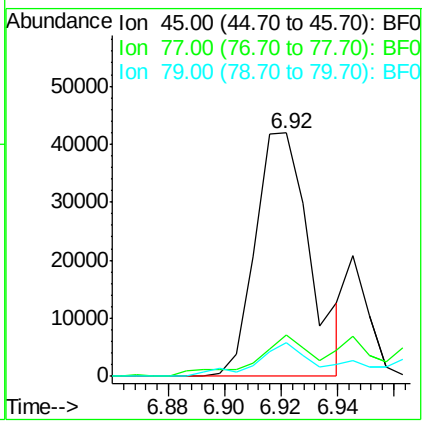


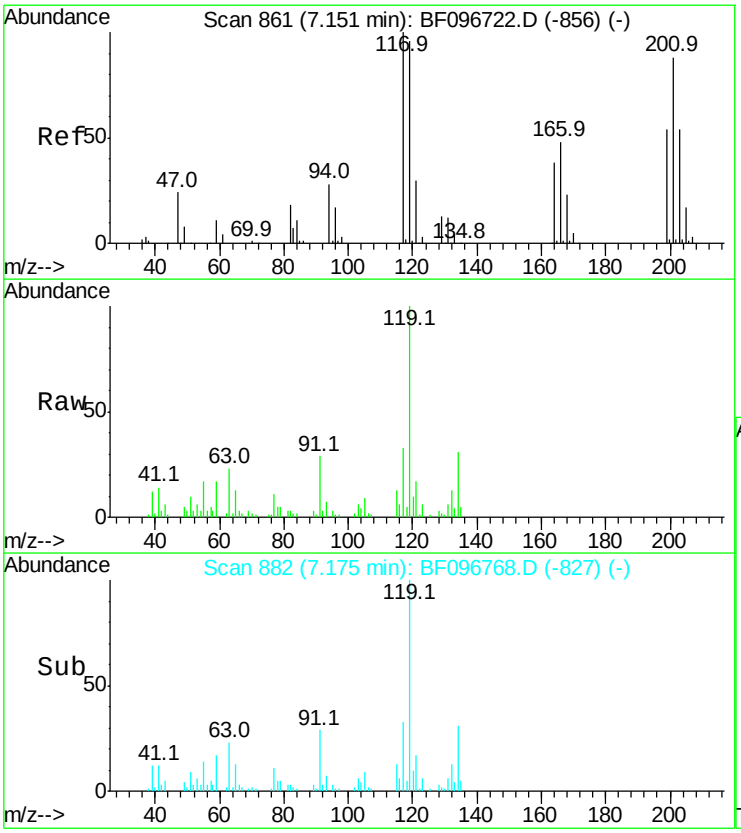
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.122 ng
RT: 6.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 56373

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	33.2
79	13.7	0.0	30.0

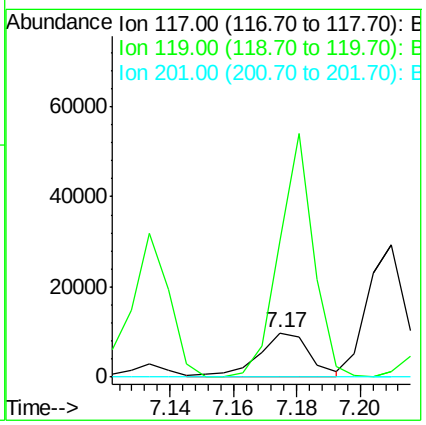


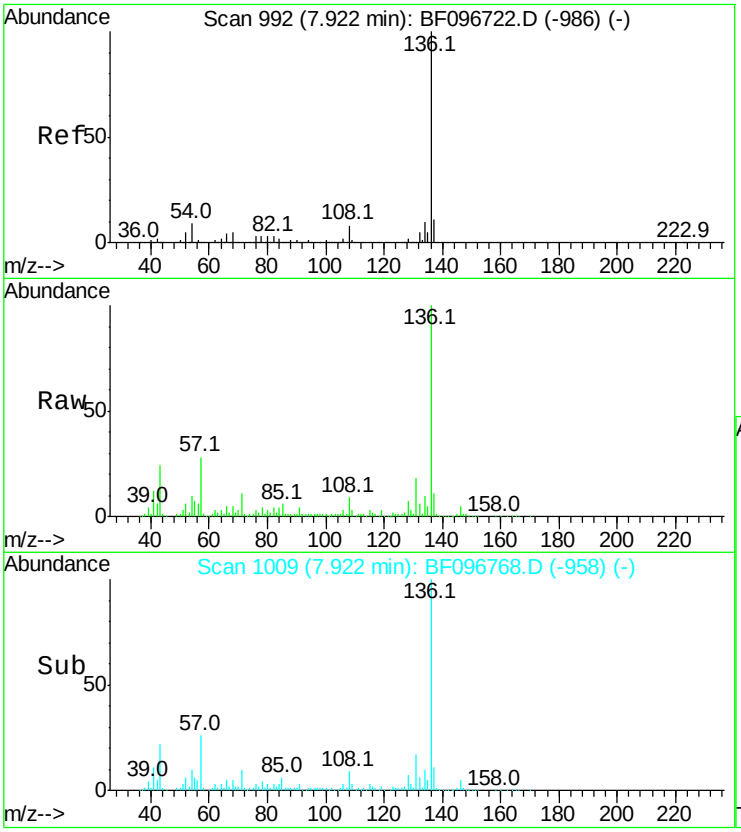


#18
Hexachloroethane
Concen: 4.172 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:117 Resp: 11162

Ion	Ratio	Lower	Upper
117	100		
119	305.8	77.4	116.0#
201	0.0	94.6	141.8#



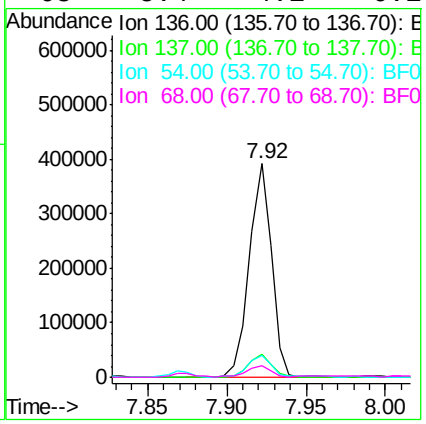


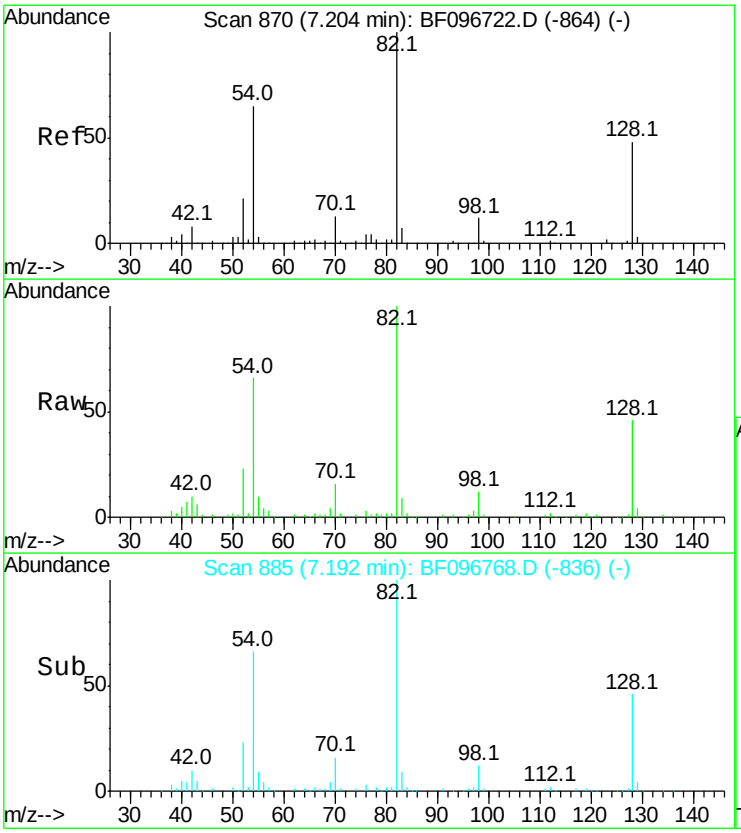
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 382377

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.3	4.9	7.3#
68	5.4	4.1	6.1

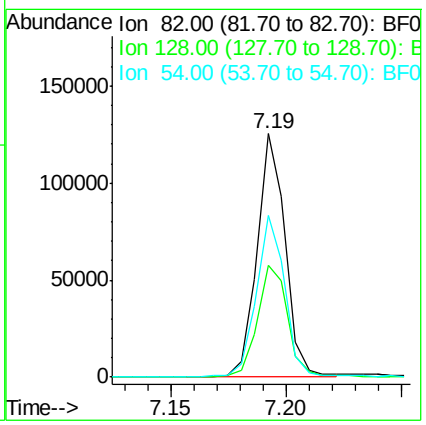


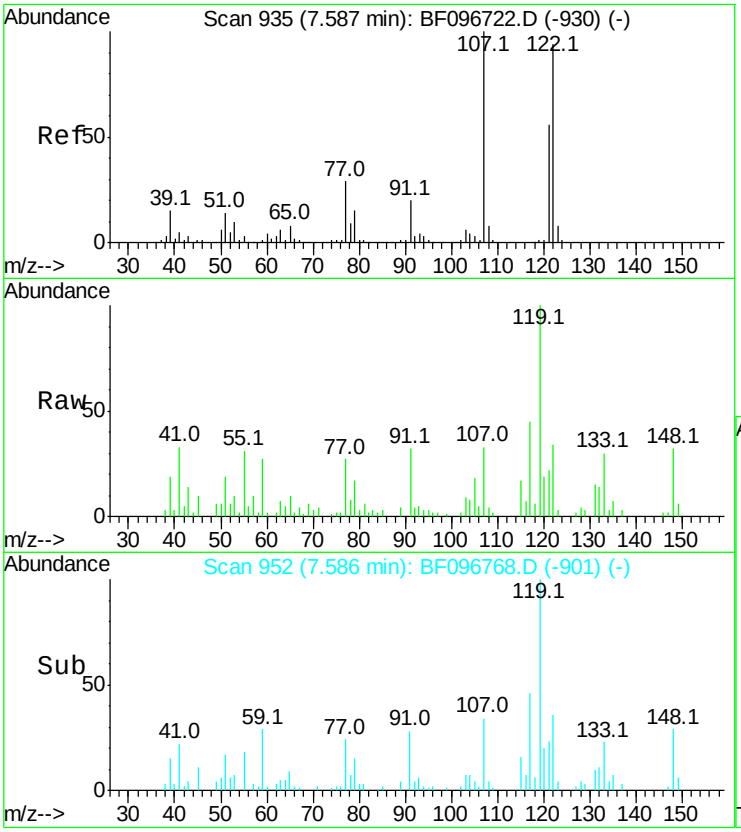


#23
Nitrobenzene-d5
Concen: 17.297 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion: 82 Resp: 106782

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	66.4	42.2	63.2#



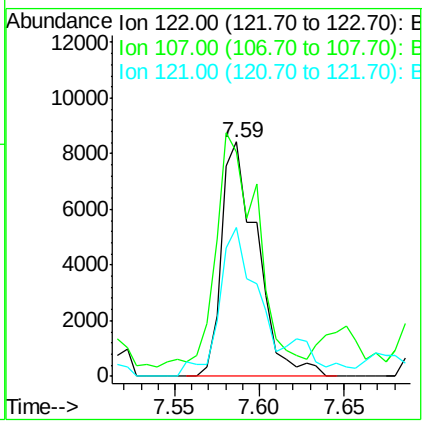


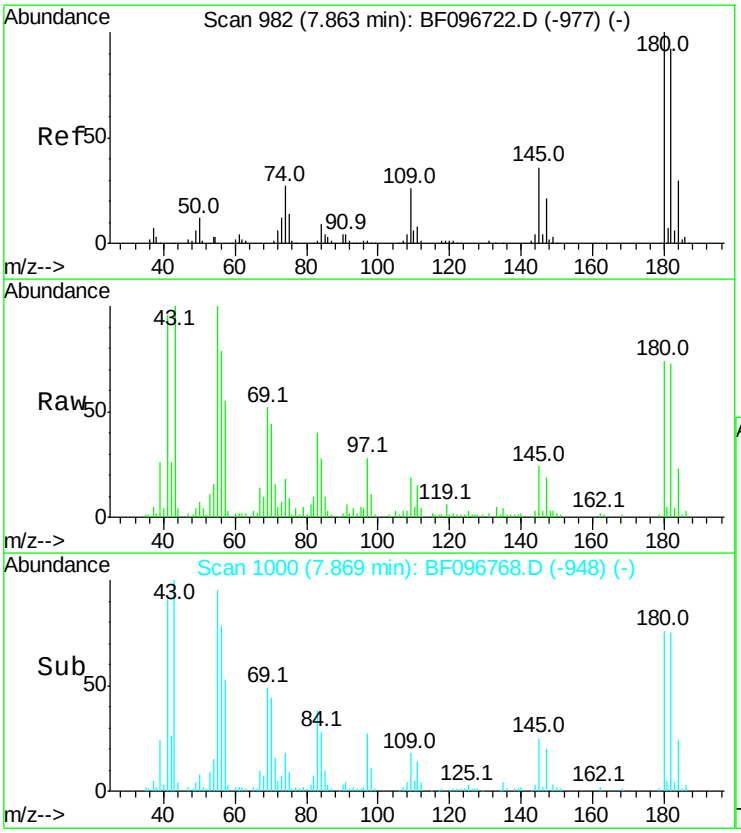
#27
2,4-Dimethylphenol
Concen: 2.123 ng
RT: 7.59 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 12397

Ion	Ratio	Lower	Upper
122	100		
107	96.1	89.2	133.8
121	63.4	45.2	67.8

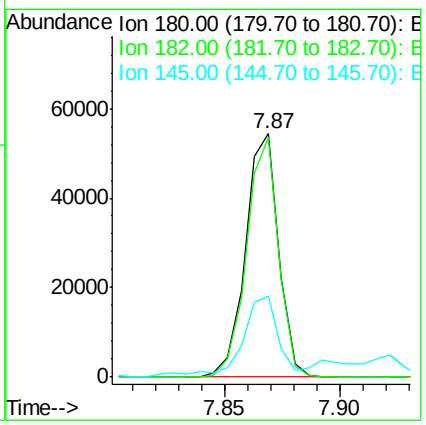


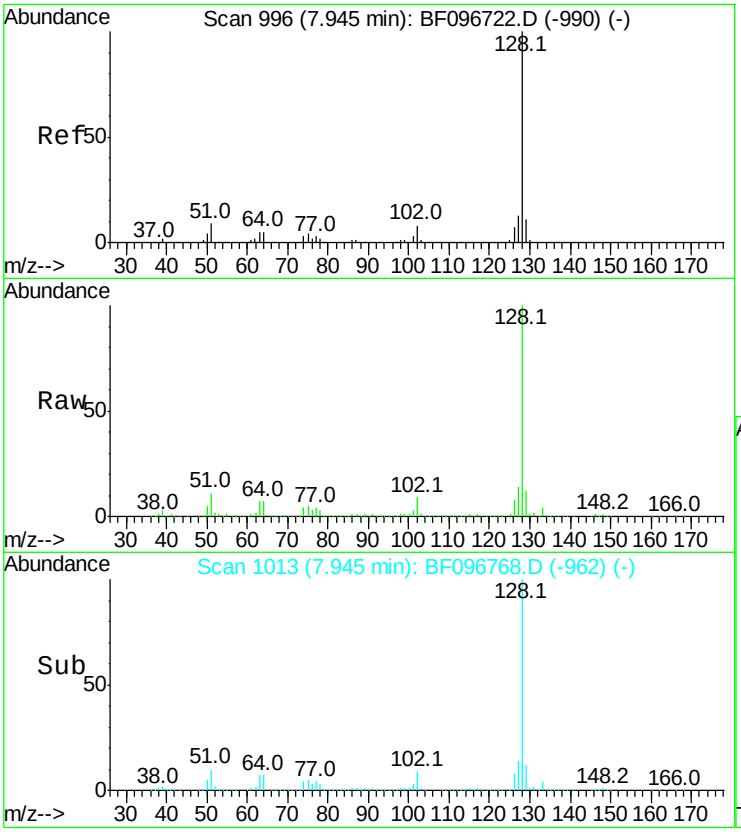


#30
1,2,4-Trichlorobenzene
Concen: 10.832 ng
RT: 7.87 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:180 Resp: 54447

Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.8	113.6
145	33.2	25.3	37.9



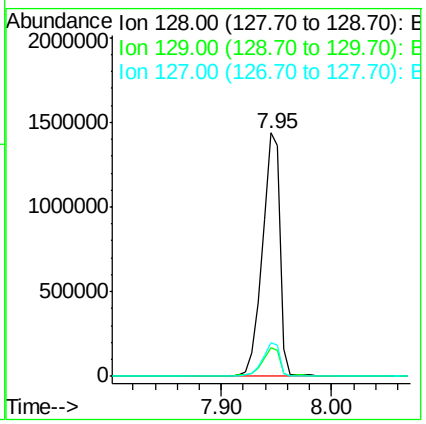


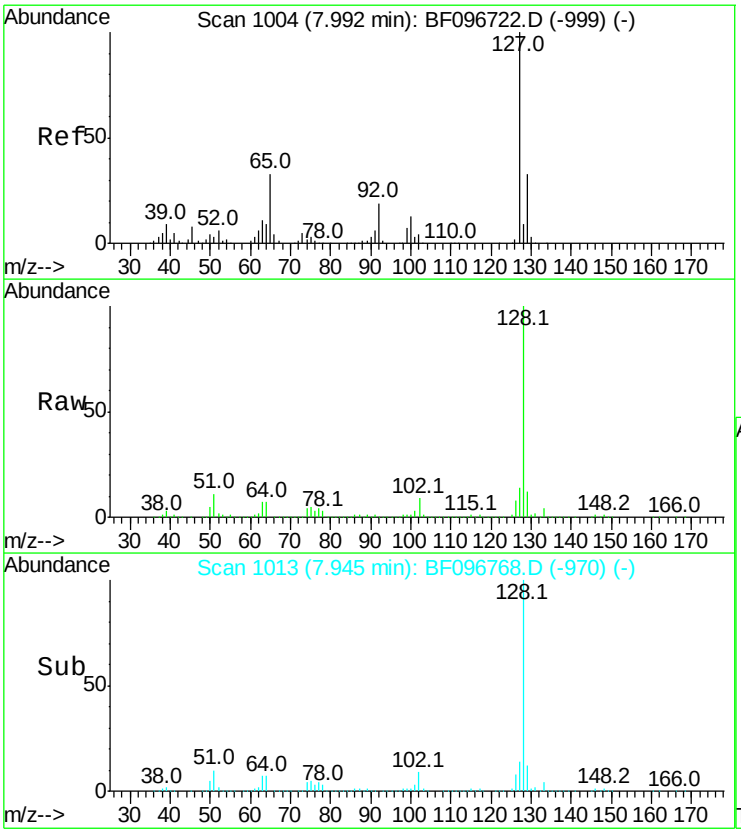
#31
Naphthalene
Concen: 88.735 ng
RT: 7.95 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1607348

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.9	10.8	16.2

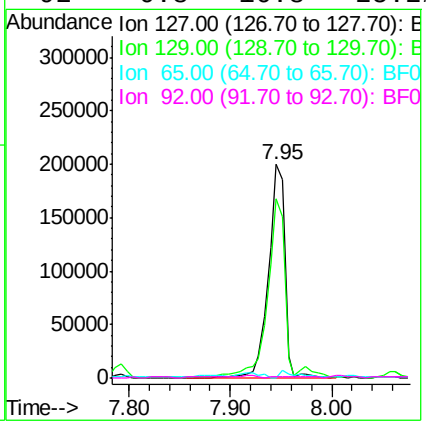


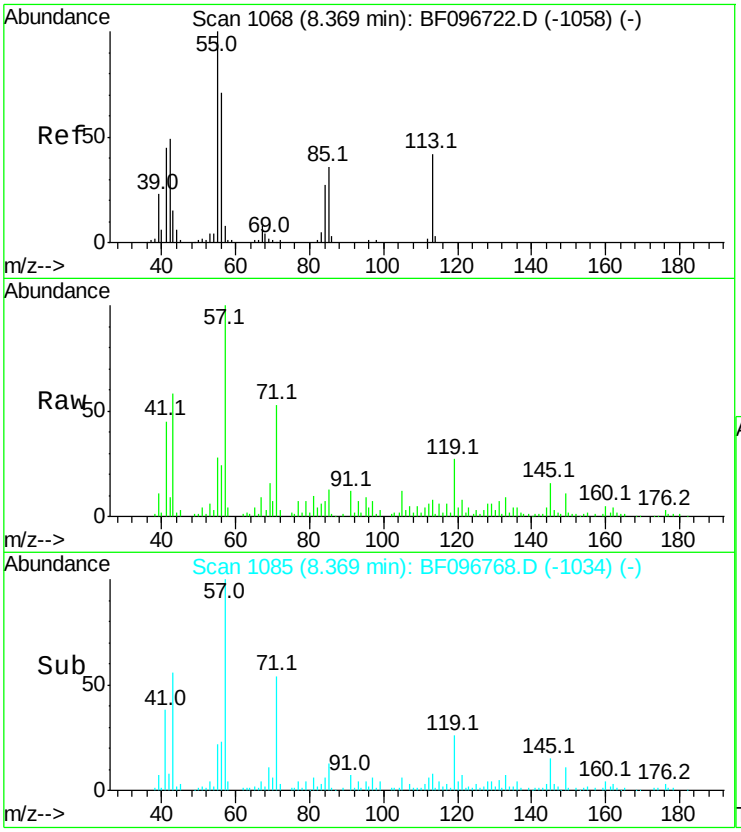


#33
4-Chloroaniline
Concen: 31.586 ng
RT: 7.95 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:127 Resp: 226688

Ion	Ratio	Lower	Upper
127	100		
129	83.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.8	16.8	25.2#



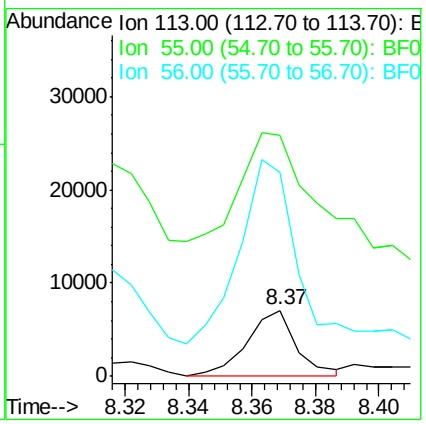


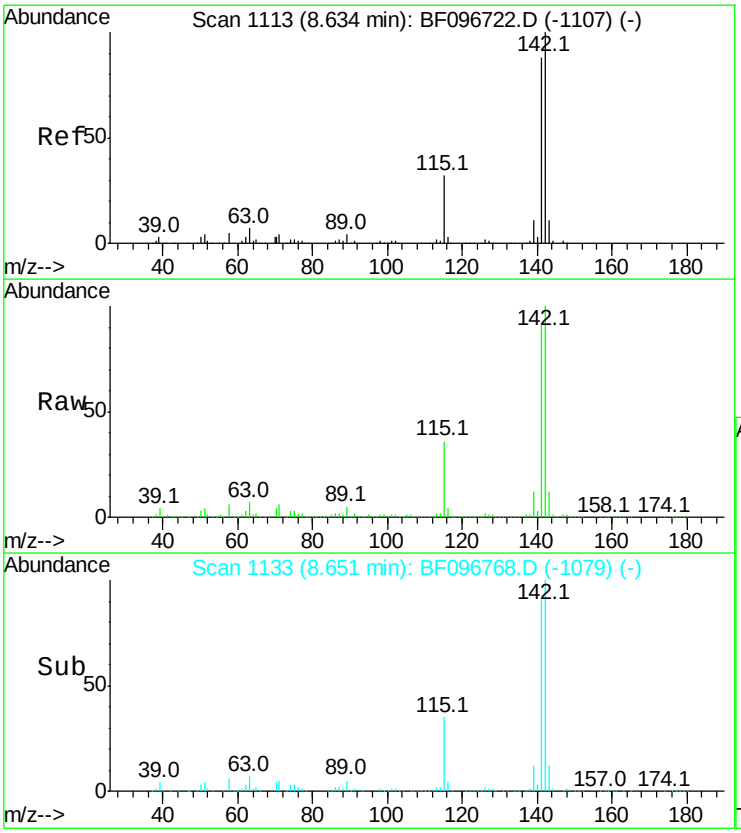
#35
Caprolactam
Concen: 4.527 ng
RT: 8.37 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 7668

Ion	Ratio	Lower	Upper
113	100		
55	364.8	150.2	190.2#
56	309.6	107.8	147.8#

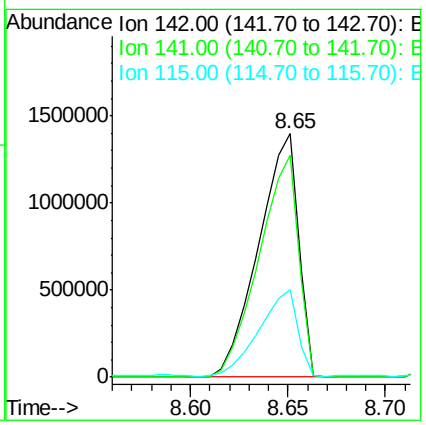


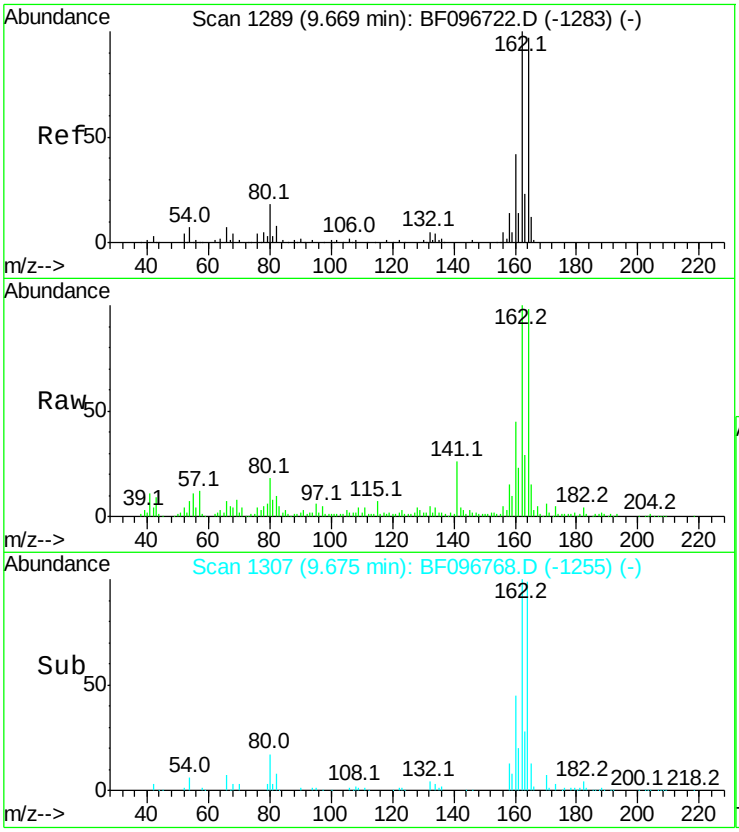


#37
2-Methylnaphthalene
Concen: 170.571 ng
RT: 8.65 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:142 Resp: 1969806

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
115	35.7	27.1	40.7



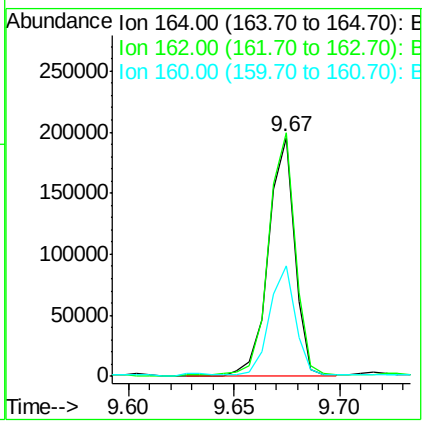


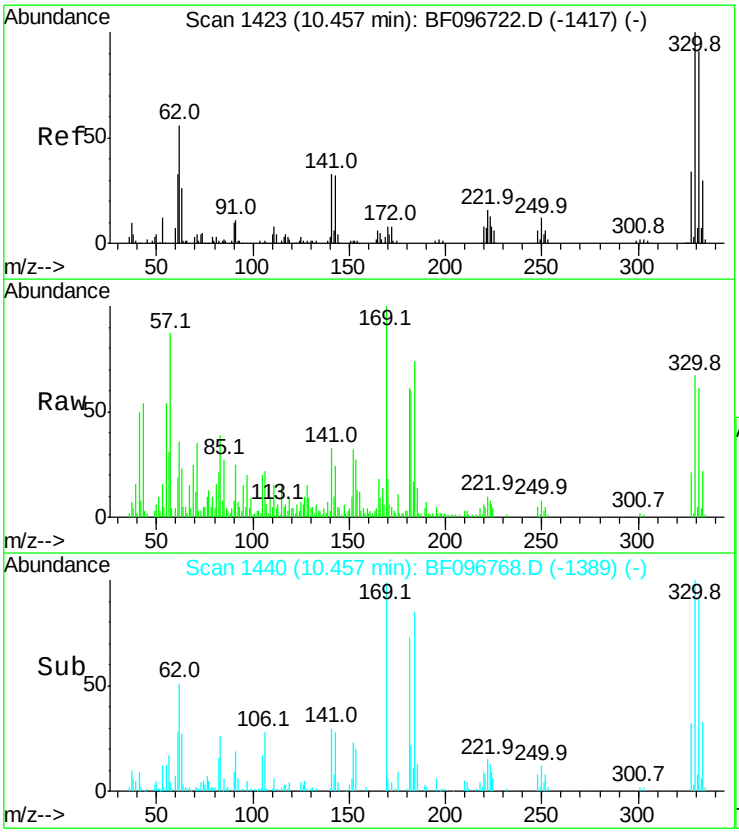
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 168249

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.2	36.2	54.2

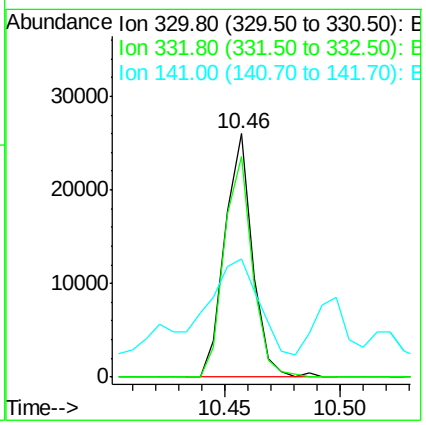


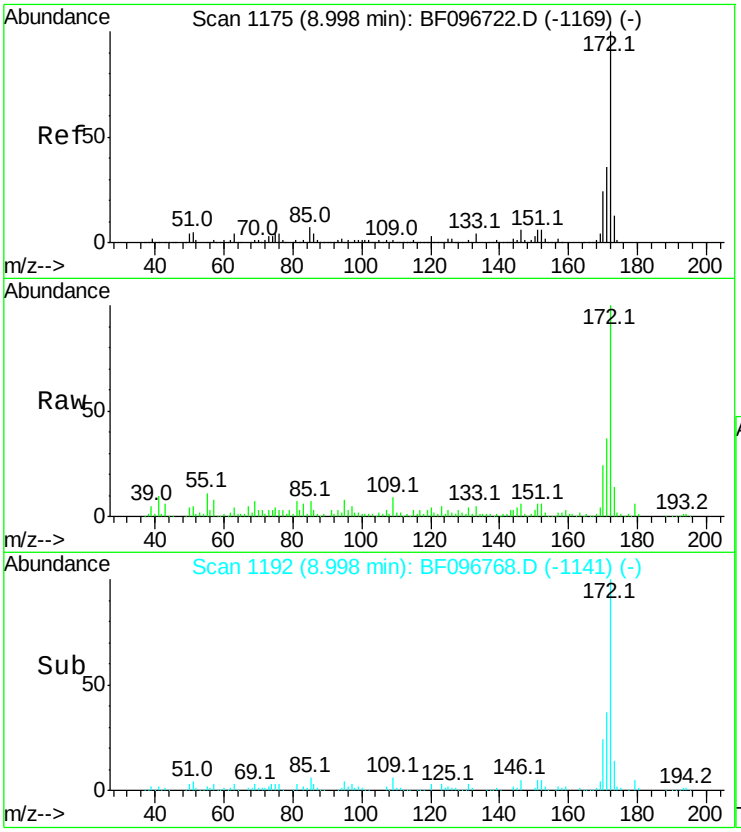


#41
2,4,6-Tribromophenol
Concen: 15.010 ng
RT: 10.46 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:330 Resp: 21556

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.6	115.0
141	83.9	31.4	47.2#



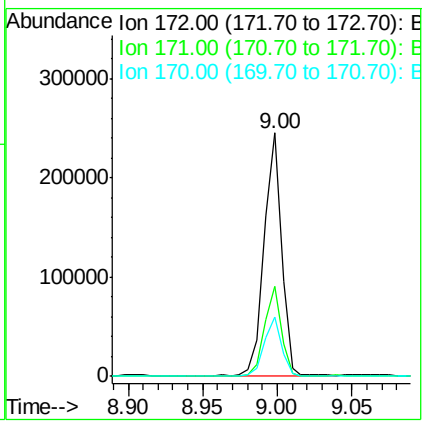


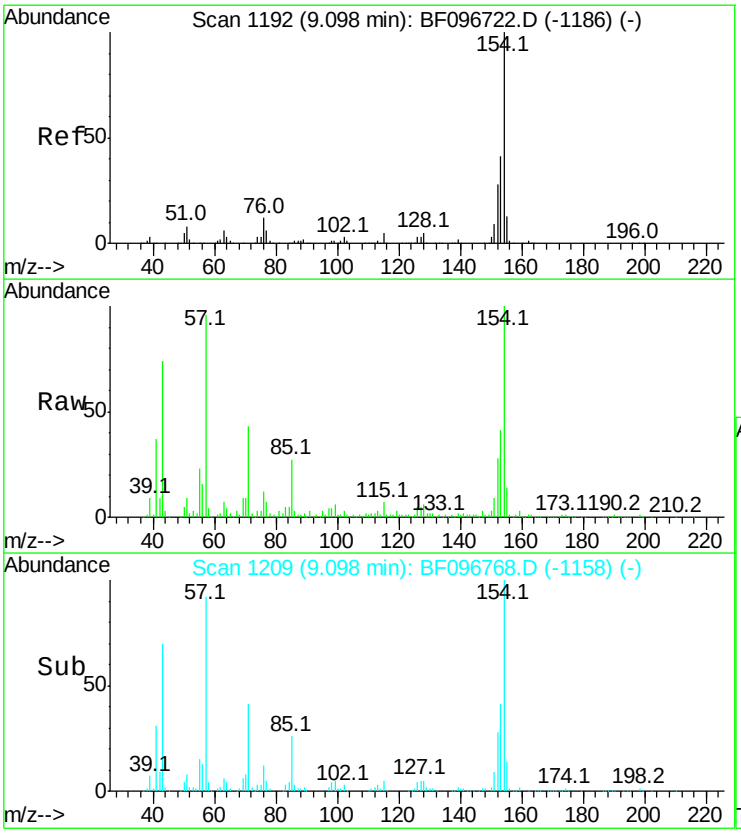
#44
2-Fluorobiphenyl
Concen: 18.789 ng
RT: 9.00 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 200092

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	19.8	29.8

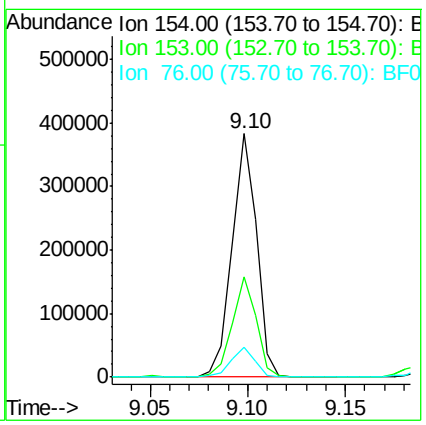


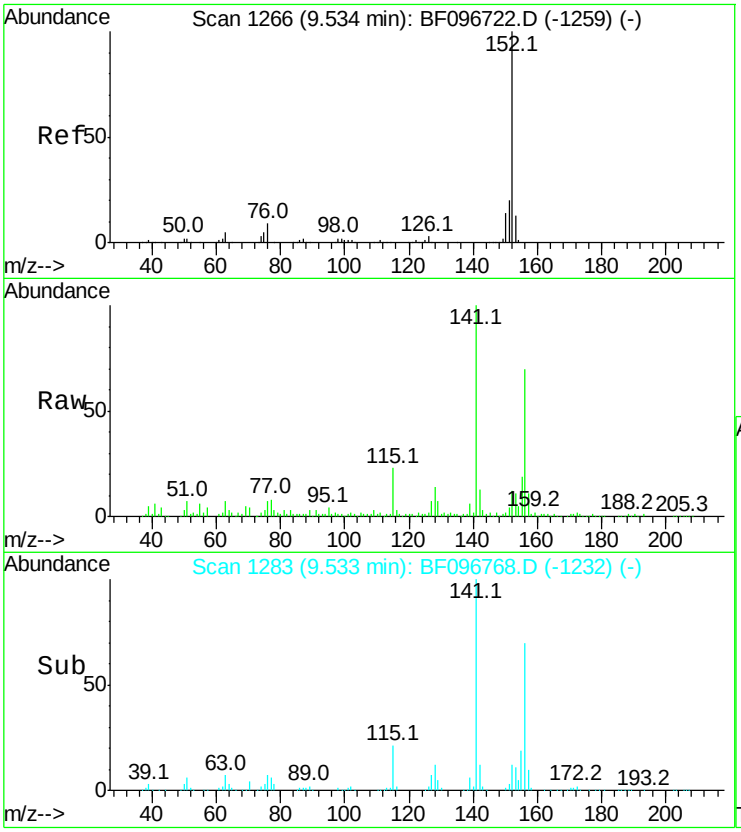


#45
1,1'-Biphenyl
Concen: 23.077 ng
RT: 9.10 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:154 Resp: 332993

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	12.5	0.0	29.9



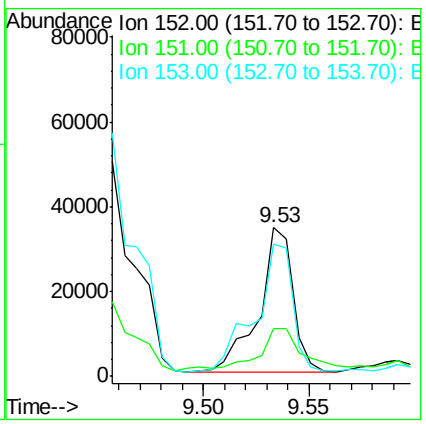


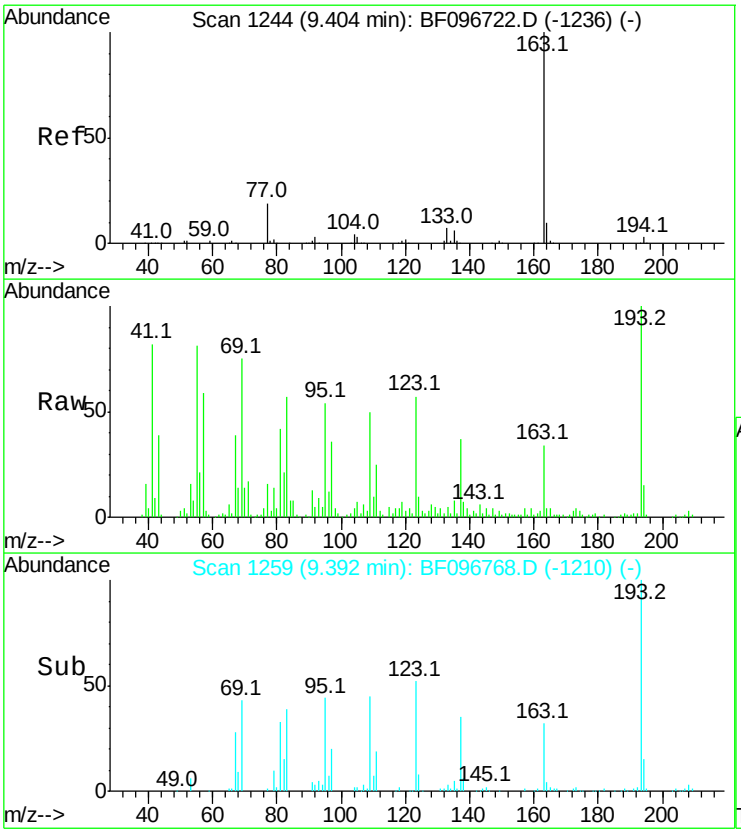
#48
Acenaphthylene
Concen: 2.277 ng
RT: 9.53 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 38552

Ion	Ratio	Lower	Upper
152	100		
151	32.5	16.8	25.2#
153	89.3	10.8	16.2#

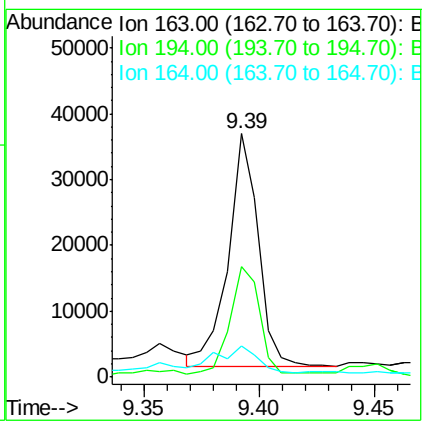


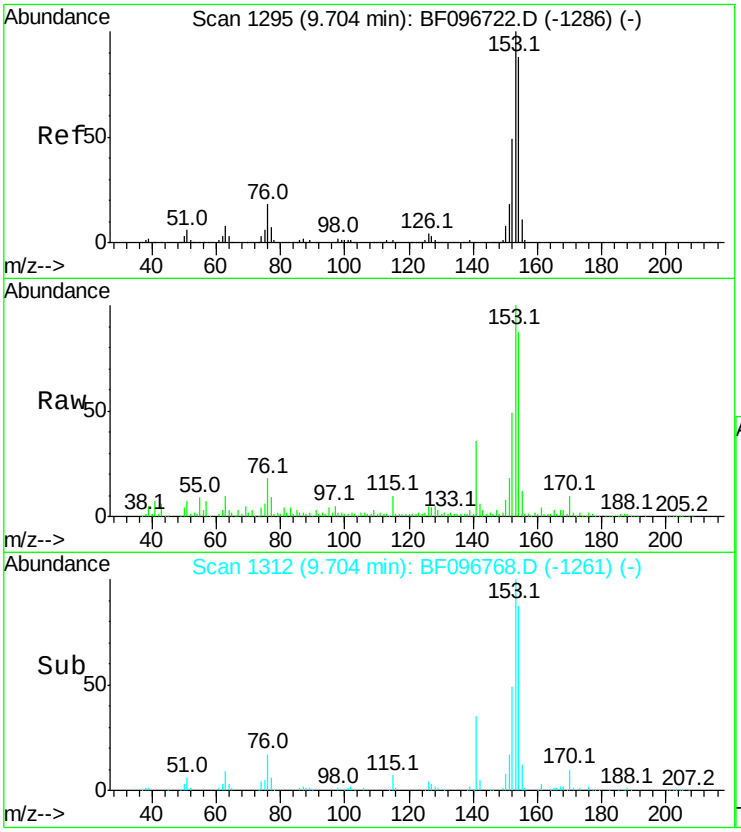


#49
Dimethylphthalate
Concen: 2.524 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:163 Resp: 31976

Ion	Ratio	Lower	Upper
163	100		
194	45.6	2.6	4.0#
164	12.6	8.4	12.6#



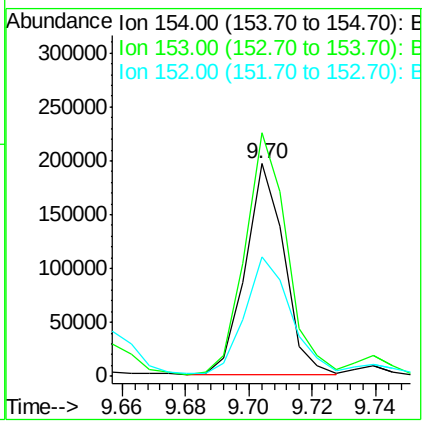


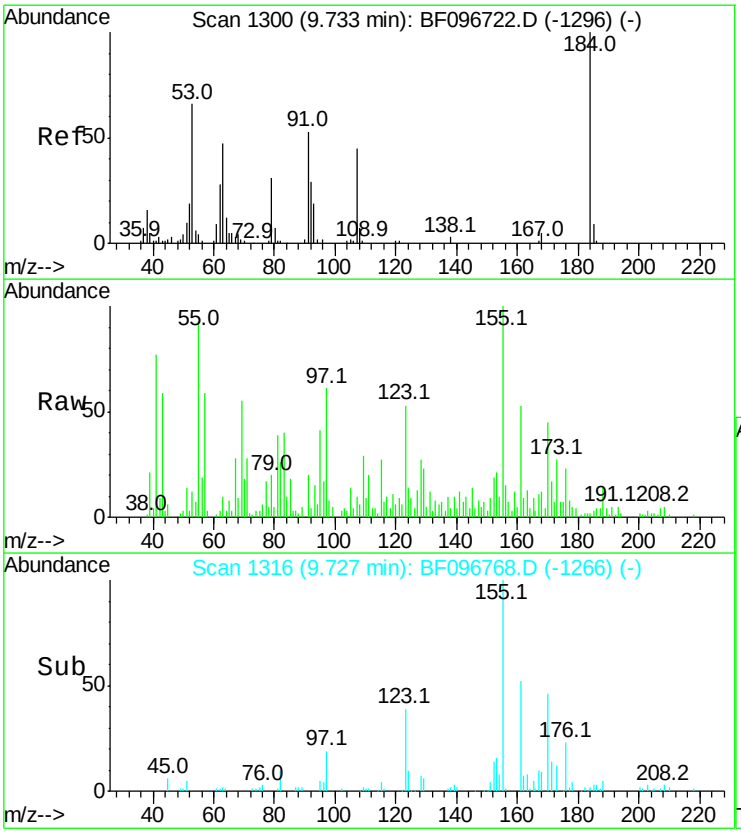
#51
Acenaphthene
Concen: 16.728 ng
RT: 9.70 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 167301

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.5	135.7
152	56.5	43.6	65.4

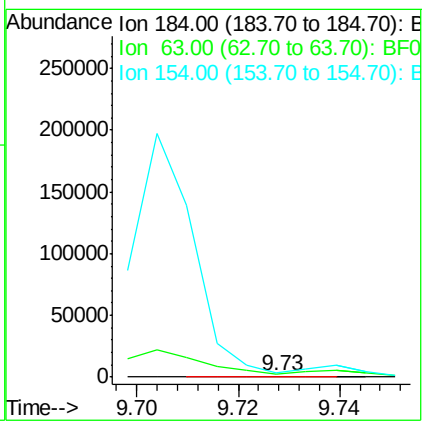


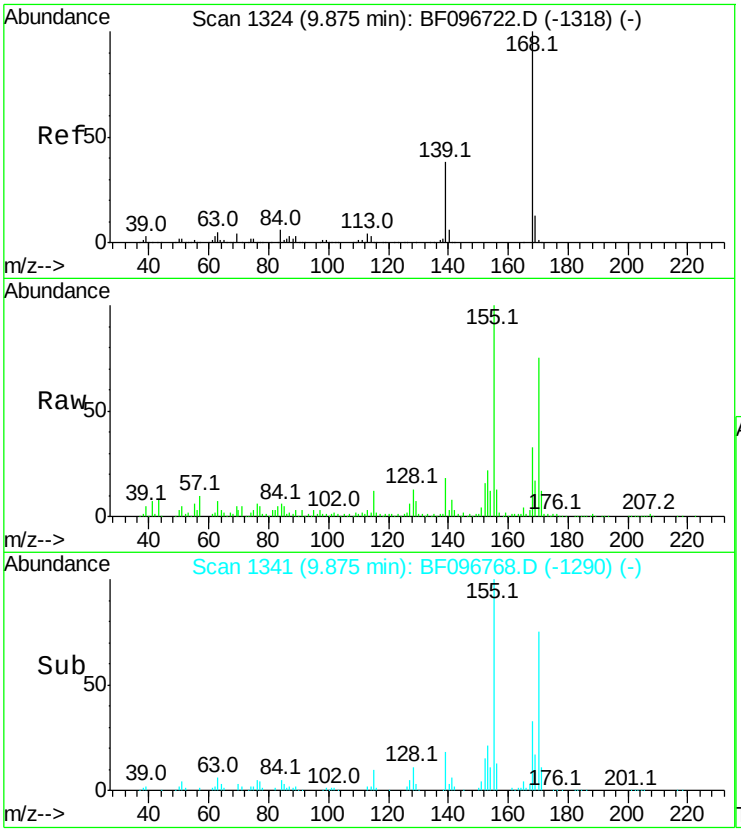


#53
2,4-Dinitrophenol
Concen: 7.035 ng
RT: 9.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:184 Resp: 436

Ion	Ratio	Lower	Upper
184	100		
63	607.3	62.7	94.1#
154	642.1	81.1	121.7#



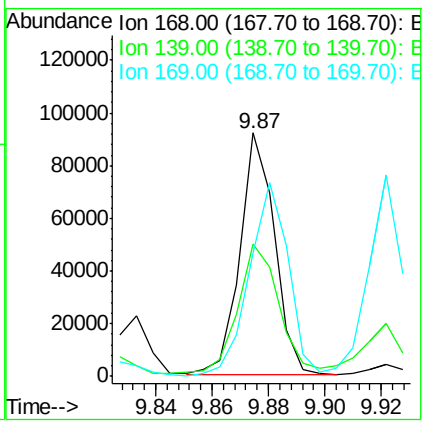


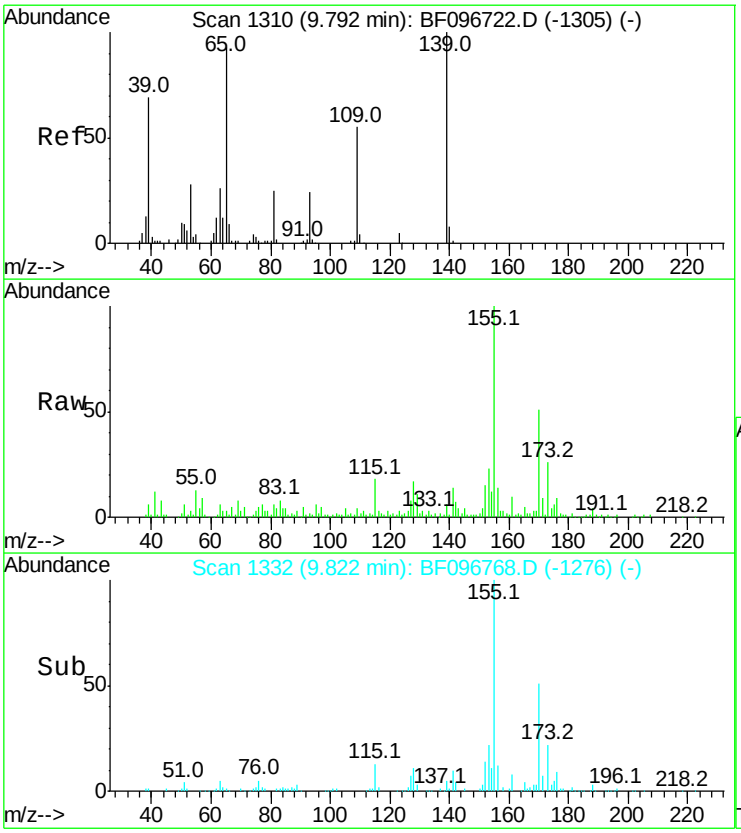
#54
Dibenzofuran
Concen: 5.551 ng
RT: 9.87 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 77796

Ion	Ratio	Lower	Upper
168	100		
139	54.4	30.6	45.8#
169	50.6	10.8	16.2#

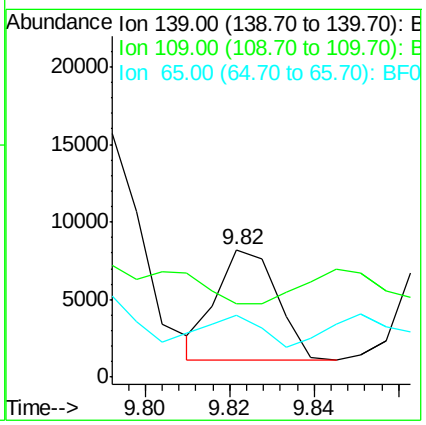


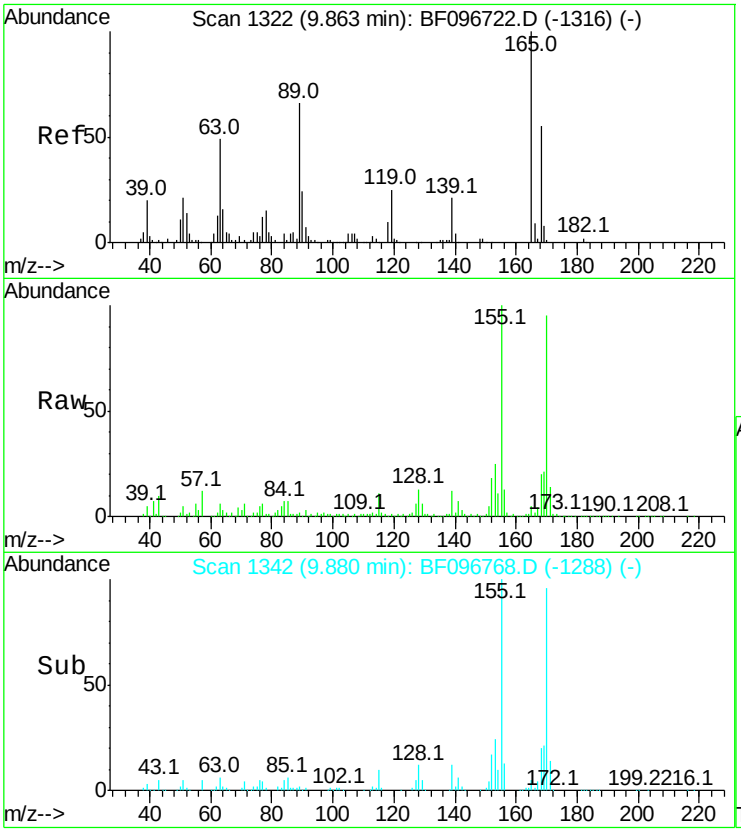


#55
4-Nitrophenol
Concen: 3.015 ng
RT: 9.82 min Scan# 1332
Delta R.T. 0.03 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:139 Resp: 7161

Ion	Ratio	Lower	Upper
139	100		
109	57.8	34.1	74.1
65	48.6	31.4	71.4



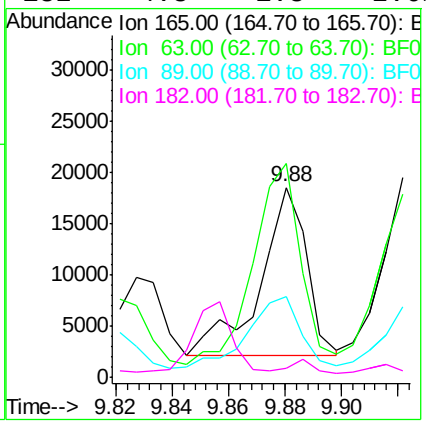


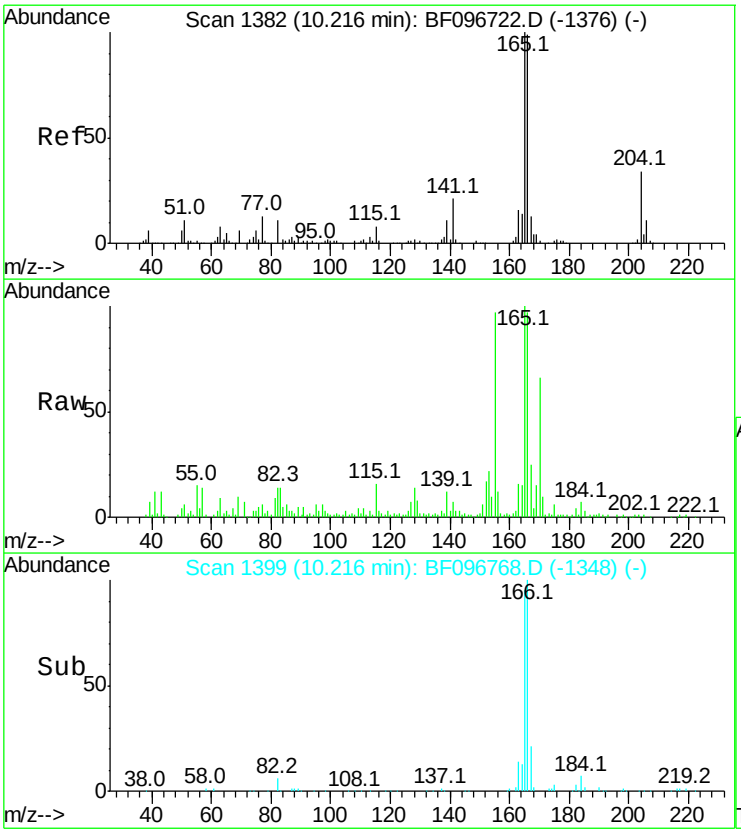
#56
2,4-Dinitrotoluene
Concen: 5.339 ng
RT: 9.88 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18826

Ion	Ratio	Lower	Upper
165	100		
63	112.5	25.4	38.0#
89	42.7	46.4	69.6#
182	4.8	1.8	2.6#

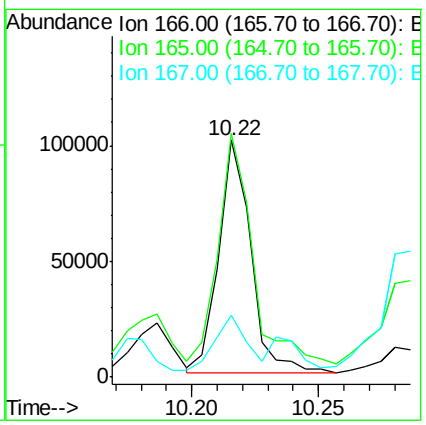


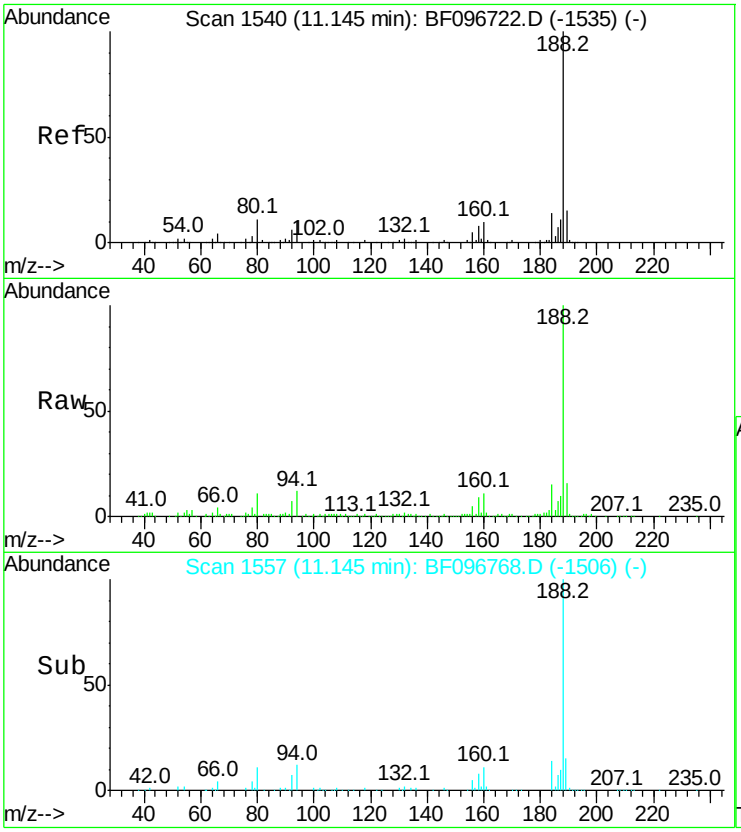


#57
Fluorene
Concen: 8.601 ng
RT: 10.22 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:166 Resp: 89078

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.8	118.2
167	26.1	10.6	16.0#



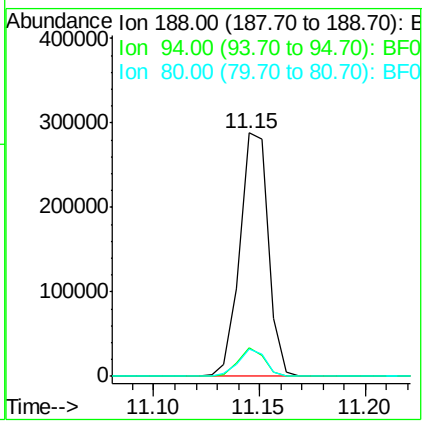


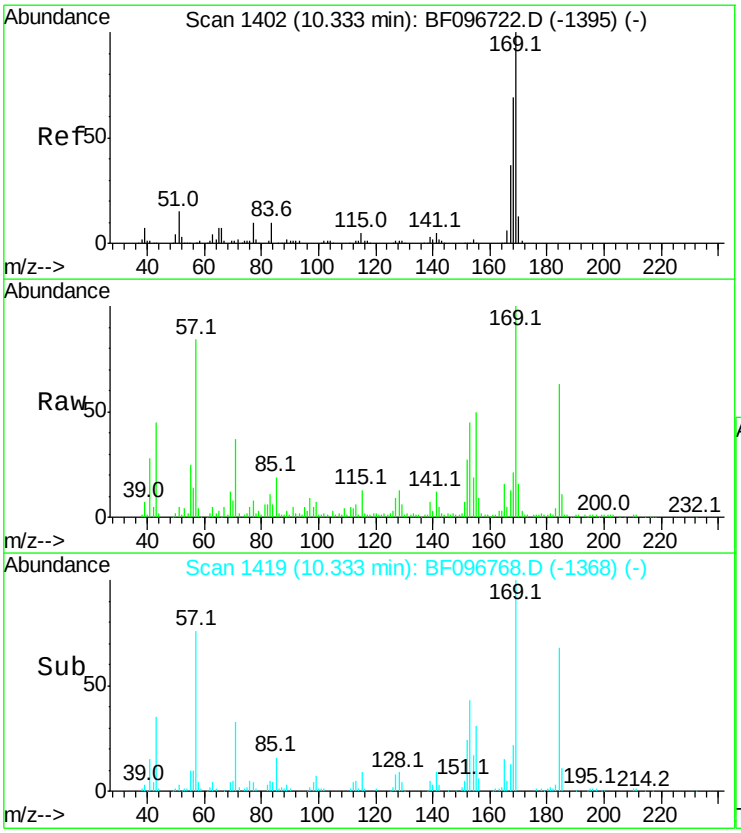
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 269569

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	11.3	10.2	15.2

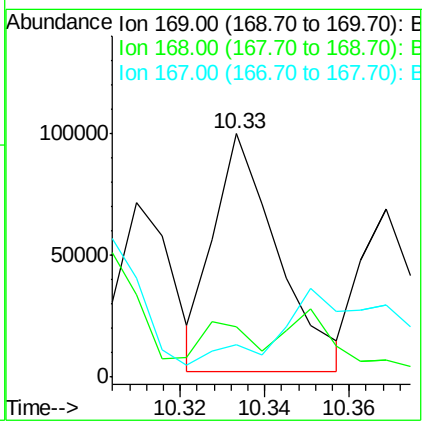


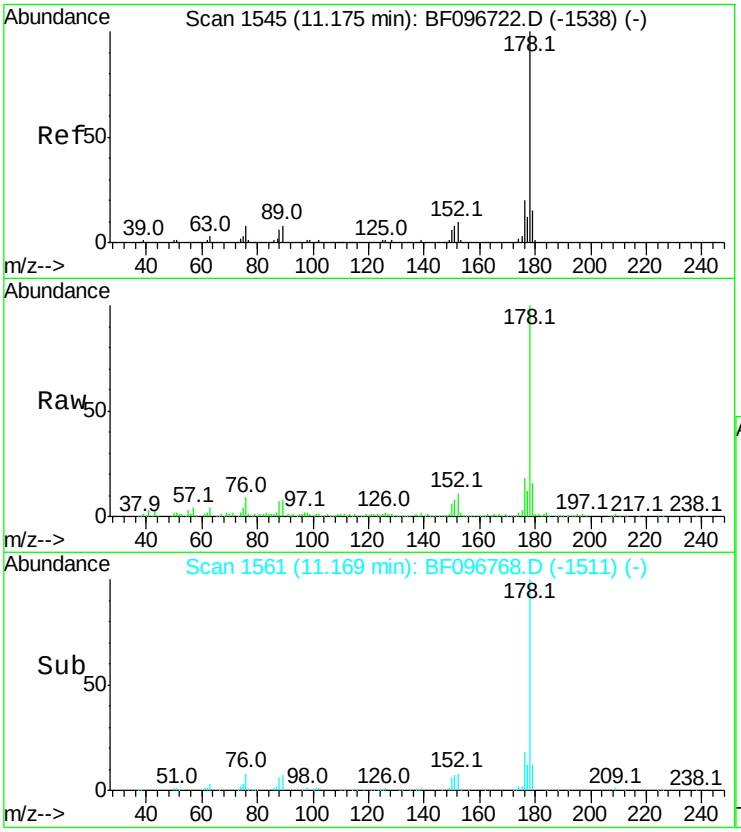


#65
n-Nitrosodiphenylamine
Concen: 10.624 ng
RT: 10.33 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:169 Resp: 102372

Ion	Ratio	Lower	Upper
169	100		
168	20.8	53.2	79.8#
167	13.3	29.5	44.3#



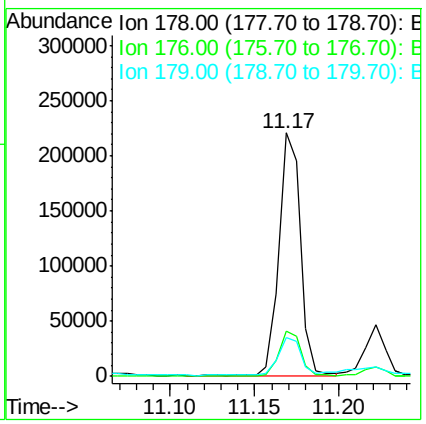


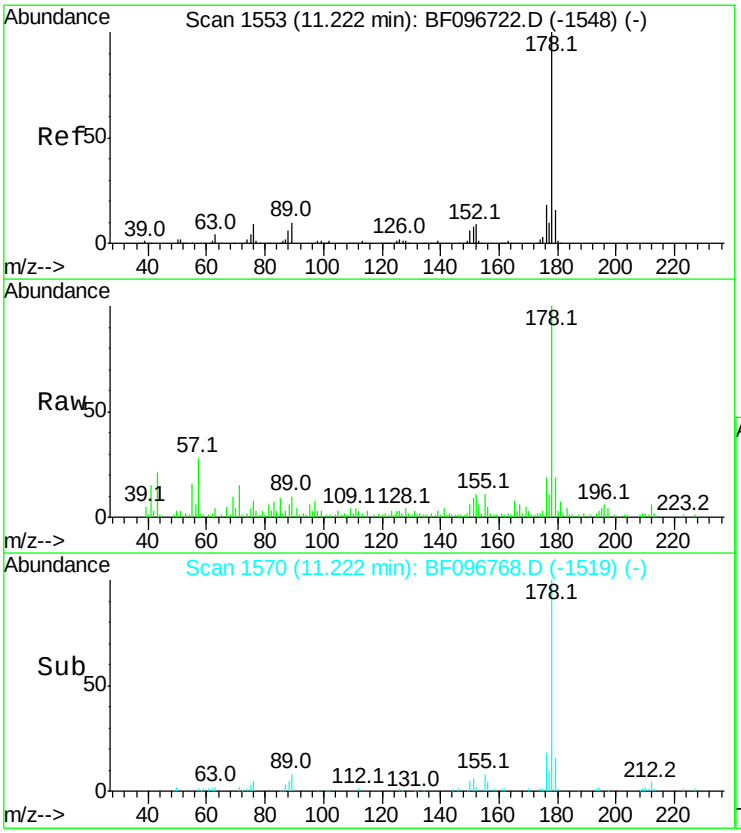
#70
Phenanthrene
Concen: 13.354 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 195740

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	16.1	12.6	19.0

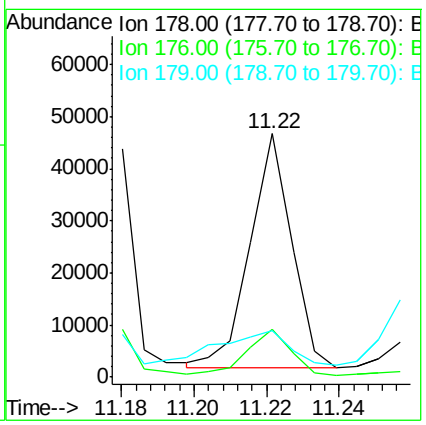


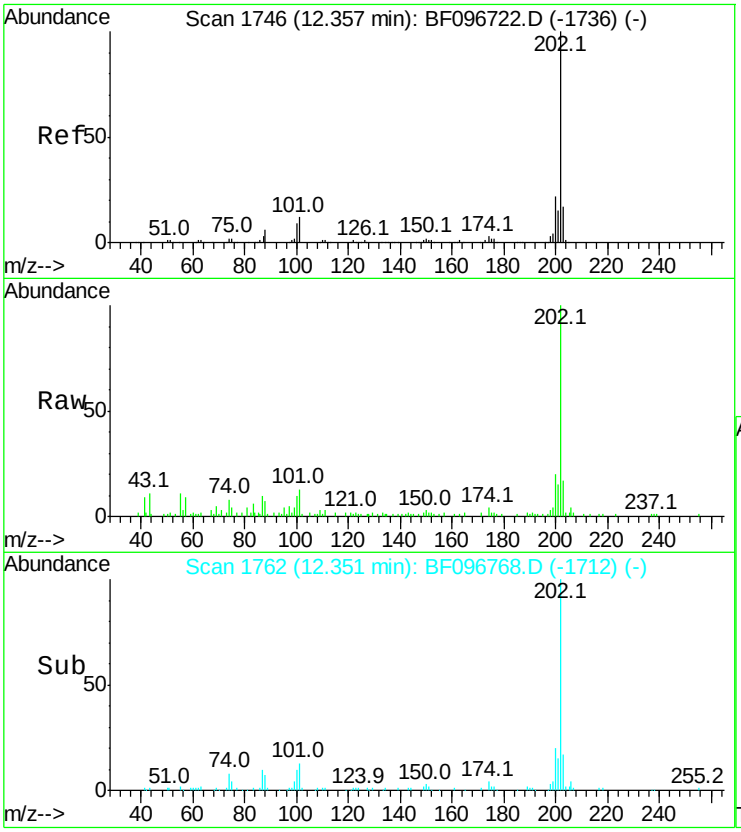


#71
Anthracene
Concen: 2.405 ng
RT: 11.22 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:178 Resp: 35639

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	18.9	12.7	19.1



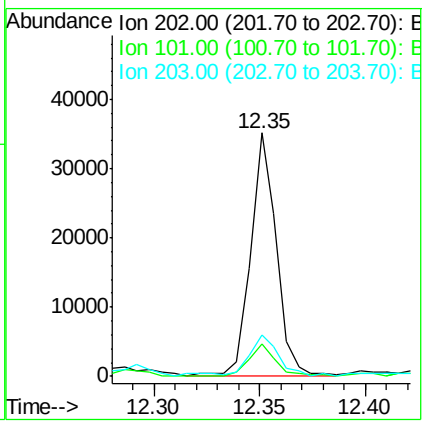


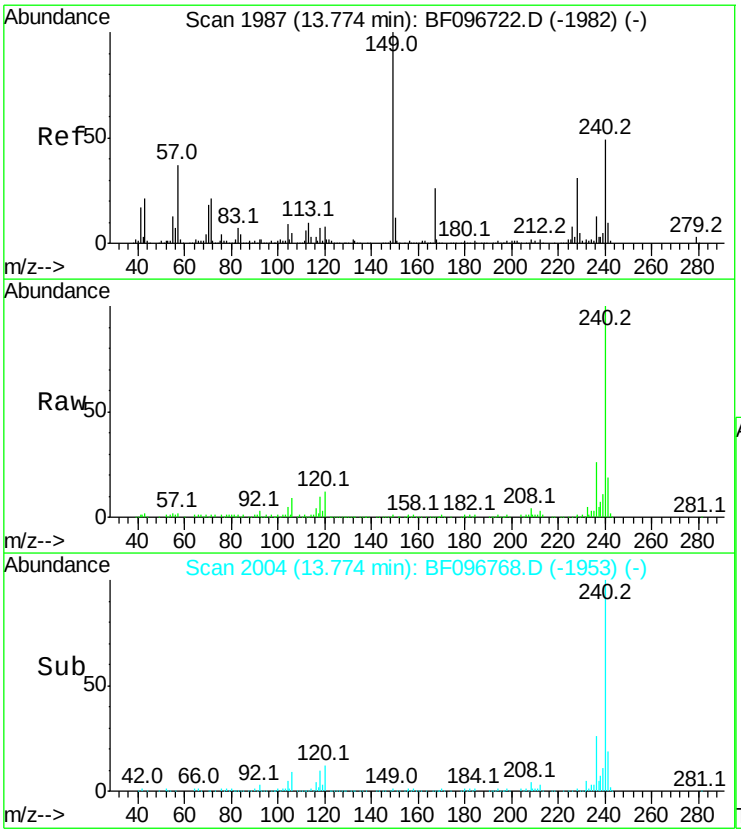
#74
Fluoranthene
Concen: 2.144 ng
RT: 12.35 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 30082

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.1	0.0	38.1

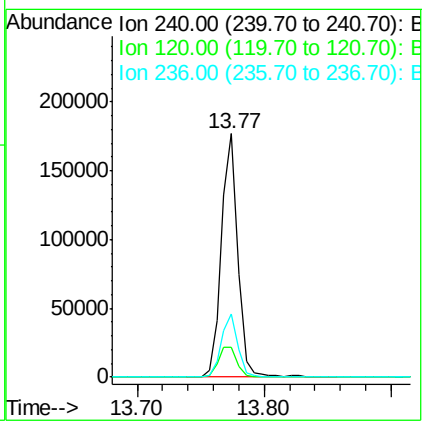


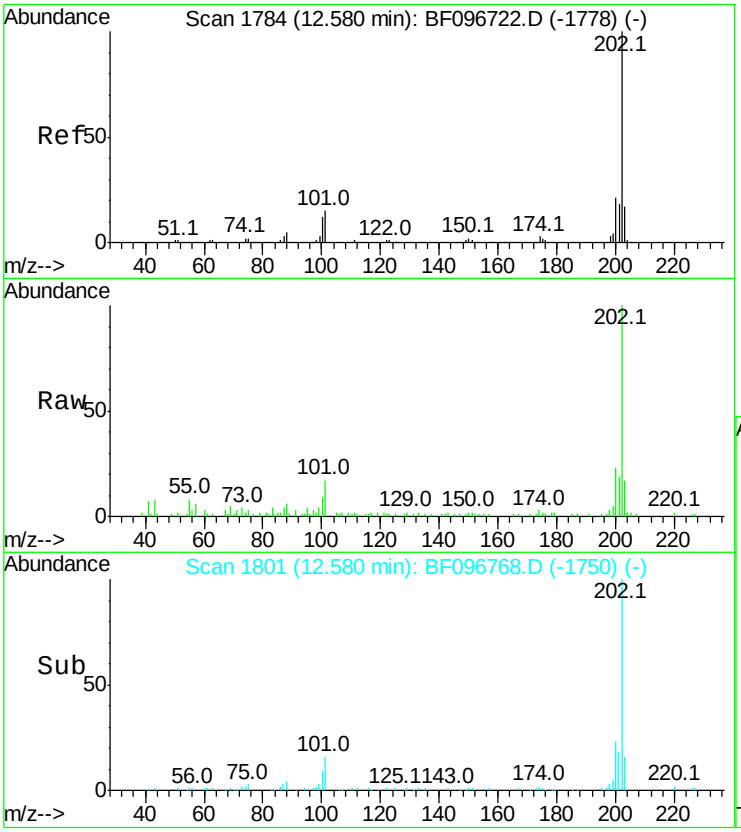


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:240 Resp: 160336

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	26.0	20.5	30.7



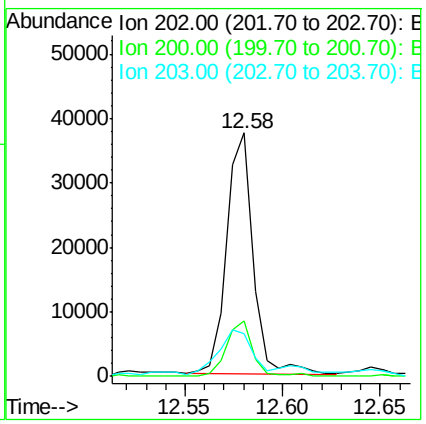


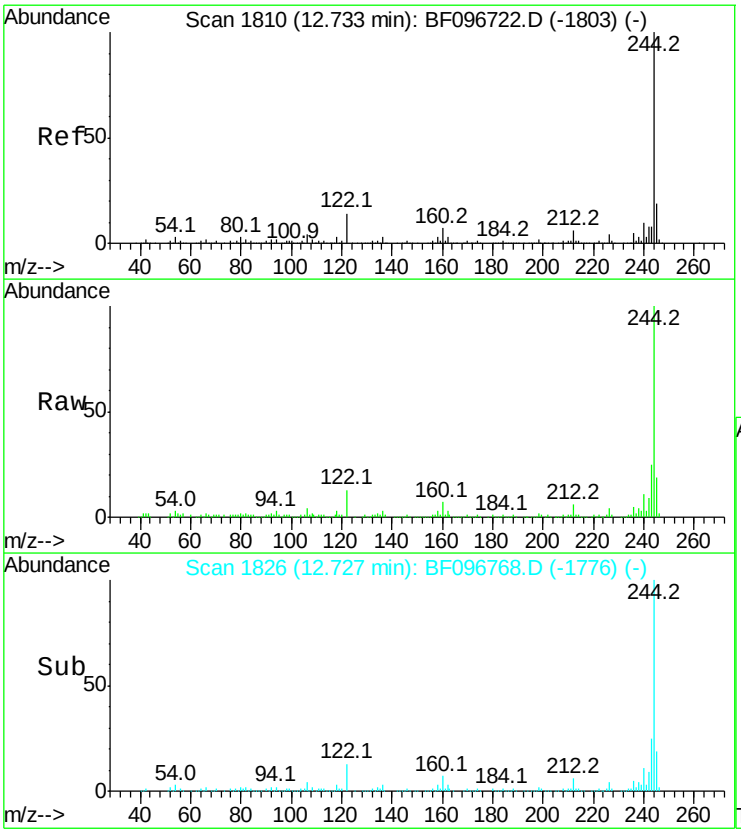
#77
Pyrene
Concen: 2.439 ng
RT: 12.58 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 35490

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.6	26.4
203	17.3	14.4	21.6

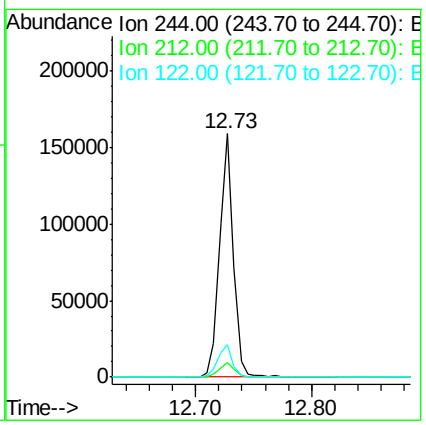


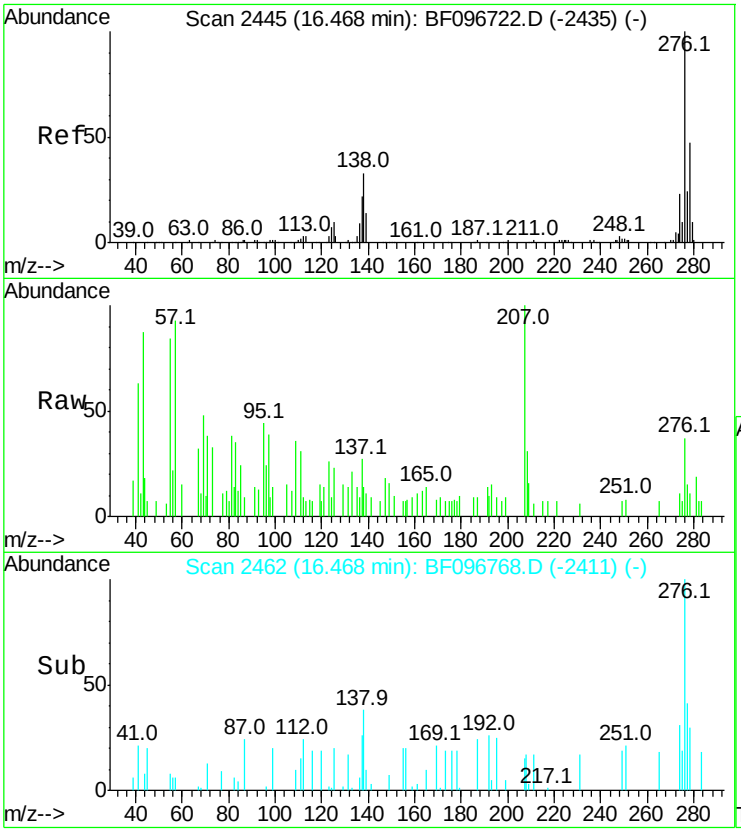


#78
Terphenyl-d14
Concen: 14.289 ng
RT: 12.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:244 Resp: 132108

Ion	Ratio	Lower	Upper
244	100		
212	5.8	6.0	9.0#
122	13.5	10.3	15.5



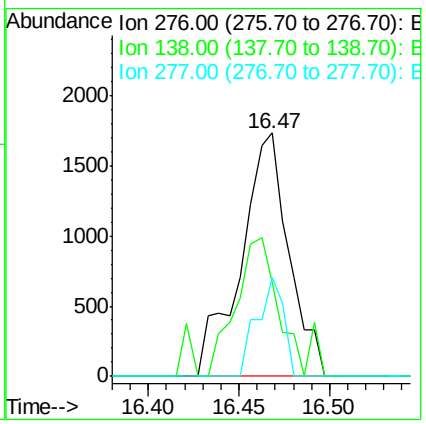


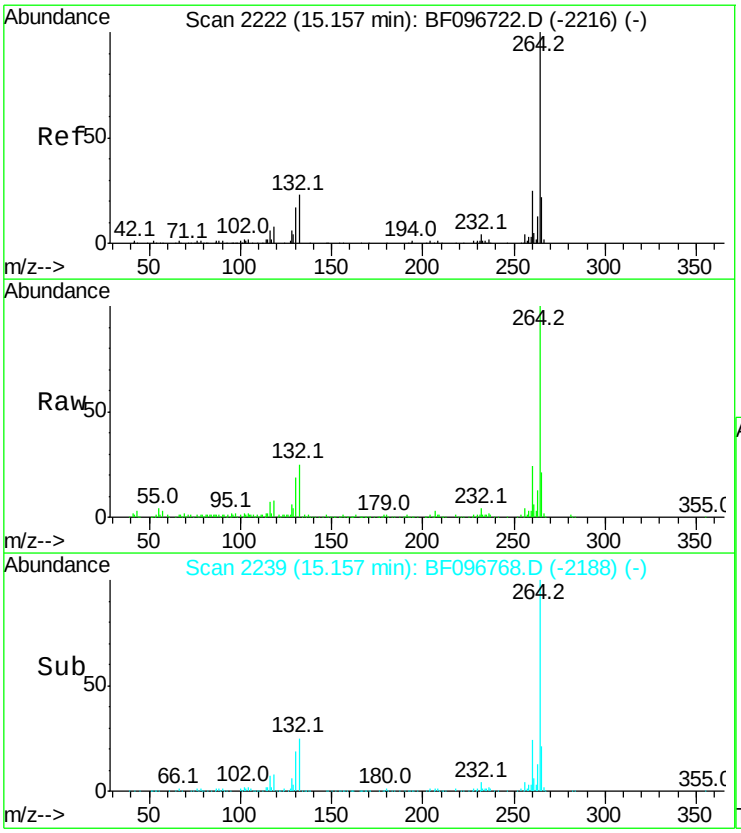
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.668 ng
RT: 16.47 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 3211

Ion	Ratio	Lower	Upper
276	100		
138	49.1	27.8	41.6#
277	22.5	20.2	30.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096768.D
Acq: 14 Jul 2017 11:46

Tgt Ion:264 Resp: 158714

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.2	25.8