Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
Data File : BF096742.D
Acq On : 13 Jul 2017 22:06
Operator : SJ/JU
Sample : I4069-05RE 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(6.5-7.0)

Quant Time: Jul 14 01:12:08 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	6.63	152	111238	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	427806	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	163420	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	228075	20.00	ng		0.00
75) Chrysene-d12	13.77	240	201912	20.00	ng		0.00
86) Perylene-d12	15.16	264	150219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	344395	46.55	ng		0.00
7) Phenol-d6	6.27	99	401836	45.26	ng		-0.01
23) Nitrobenzene-d5	7.19	82	228852	33.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.45	330	57671	41.34	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	370136	35.78	ng		0.00
78) Terphenyl-d14	12.73	244	221660	19.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	1417	0.37	ng	#	73
4) n-Nitrosodimethylamine	2.86	42	107	0.02	ng	#	1
6) Aniline	6.28	93	155	0.01	ng	#	1
9) Benzaldehyde	6.27	77	543	0.11	ng	#	1
10) Phenol	6.28	94	11857	1.18	ng		94
11) bis(2-Chloroethyl)ether	6.40	93	513	0.07	ng	#	1
15) Benzyl Alcohol	6.79	79	4084	0.70	ng	#	55
19) n-Nitroso-di-n-propylamine	7.02	70	1363	0.25	ng	#	78
22) Acetophenone	7.04	105	659	0.07	ng	#	74
24) Nitrobenzene	7.22	77	112	0.02	ng	#	39
25) Isophorone	7.19	82	223222	17.37	ng	#	67
26) 2-Nitrophenol	7.56	139	111	0.03	ng	#	1
27) 2,4-Dimethylphenol	7.65	122	930	0.14	ng	#	5
28) bis(2-Chloroethoxy)methane	7.72	93	258	0.03	ng	#	1
29) 2,4-Dichlorophenol	7.88	162	339	0.06	ng	#	1
31) Naphthalene	7.94	128	3401	0.17	ng		96
32) Benzoic acid	7.74	122	107	0.03	ng	#	35
33) 4-Chloroaniline	7.94	127	556	0.07	ng	#	34
35) Caprolactam	8.36	113	3591	1.89	ng	#	1
36) 4-Chloro-3-methylphenol	8.45	107	1455	0.23	ng	#	14
37) 2-Methylnaphthalene	8.63	142	1510	0.12	ng	#	94
45) 1,1'-Biphenyl	9.09	154	1225	0.09	ng		78
46) 2-Chloronaphthalene	9.38	162	142	0.01	ng	#	1
47) 2-Nitroaniline	9.23	65	683	0.19	ng	#	48
48) Acenaphthylene	9.53	152	9005	0.55	ng		97
49) Dimethylphthalate	9.39	163	41972	3.41	ng	#	97
50) 2,6-Dinitrotoluene	9.47	165	1074	0.40	ng	#	31
51) Acenaphthene	9.70	154	4354	0.45	ng		93
52) 3-Nitroaniline	9.62	138	1056	0.33	ng	#	1
54) Dibenzofuran	9.87	168	3151	0.23	ng	#	93
55) 4-Nitrophenol	9.73	139	107	0.05	ng	#	1
56) 2,4-Dinitrotoluene	9.66	165	21784	6.36	ng	#	33
57) Fluorene	10.21	166	4518	0.45	ng	#	96
59) Diethylphthalate	10.09	149	1638	0.14	ng	#	34

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(6.5-7.0)

Quant Time: Jul 14 01:12:08 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)
61) 4-Nitroaniline	10.13	138	605	0.20	ng	#	25
62) Azobenzene	10.37	77	503	0.05	ng	#	1
65) n-Nitrosodiphenylamine	10.33	169	858	0.11	ng	#	24
66) 4-Bromophenyl-phenylether	10.45	248	3652	1.57	ng	#	1
70) Phenanthrene	11.16	178	81704	6.59	ng		96
71) Anthracene	11.22	178	17141	1.37	ng		99
72) Carbazole	11.37	167	6707	0.55	ng	#	93
73) Di-n-butylphthalate	11.72	149	1286	0.09	ng	#	78
74) Fluoranthene	12.35	202	126682	10.67	ng		98
76) Benzidine	12.45	184	108	0.02	ng	#	62
77) Pyrene	12.57	202	124466	6.79	ng		99
79) Butylbenzylphthalate	13.20	149	509	0.12	ng	#	73
80) Benzo(a)anthracene	13.76	228	62150	4.94	ng		95
81) 3,3'-Dichlorobenzidine	13.73	252	524	0.12	ng	#	1
82) Chrysene	13.80	228	58226	4.70	ng		97
83) Bis(2-ethylhexyl)phthalate	13.77	149	4890	0.46	ng	#	81
84) Di-n-octyl phthalate	14.39	149	1611	0.09	ng	#	69
85) Indeno(1,2,3-cd)pyrene	16.47	276	23513	5.30	ng		99
87) Benzo(b)fluoranthene	14.77	252	81157	8.96	ng	#	94
88) Benzo(k)fluoranthene	14.77	252	81157	9.46	ng		98
89) Benzo(a)pyrene	15.10	252	42150	5.07	ng	#	85
90) Dibenzo(a,h)anthracene	16.47	278	6723	0.88	ng	#	43
91) Benzo(g,h,i)perylene	16.86	276	22265	2.72	ng	#	93

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

Quantitation Report (Not Reviewed)

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Instrument :
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SB-3(6.5-7.0)

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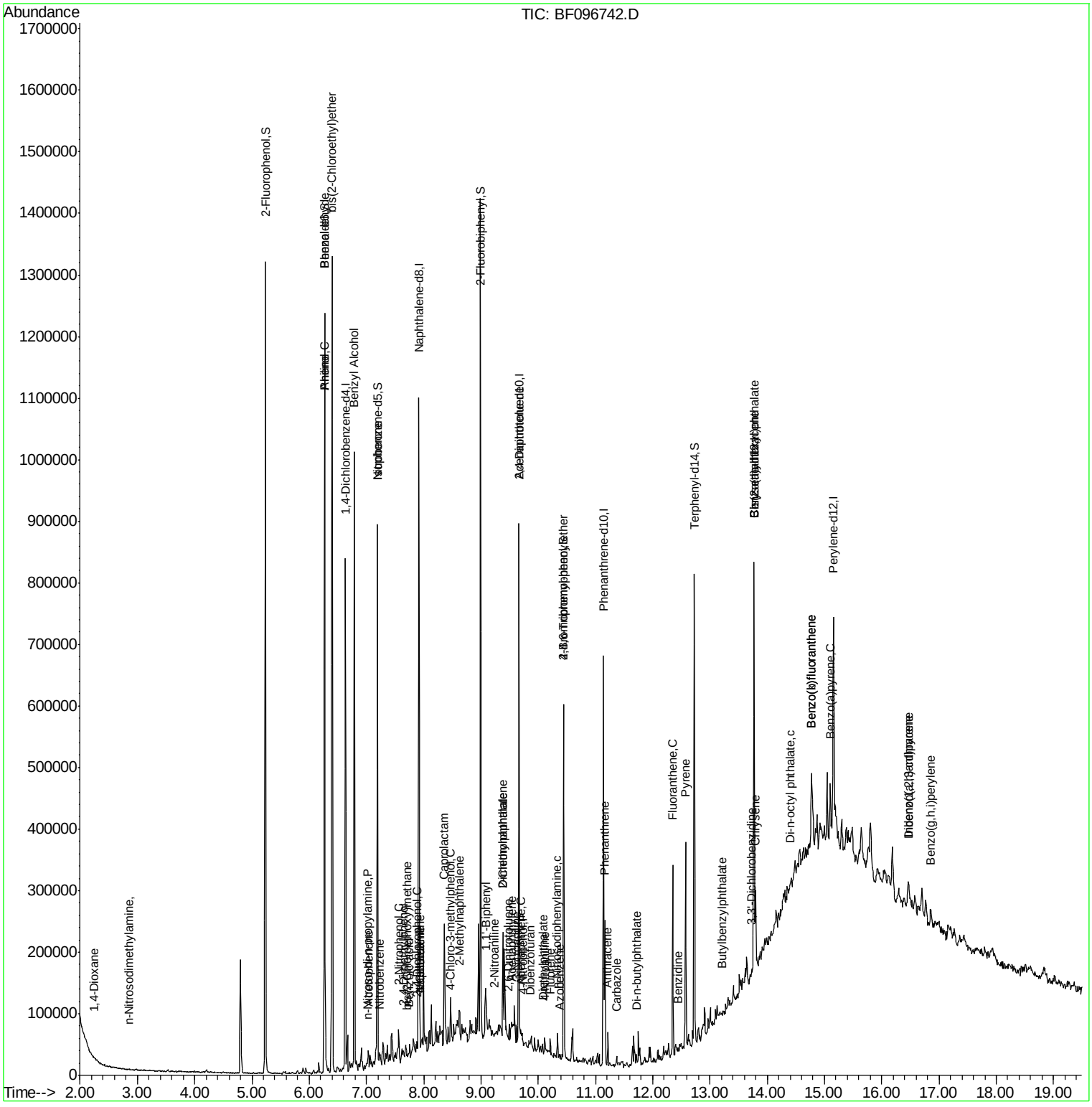
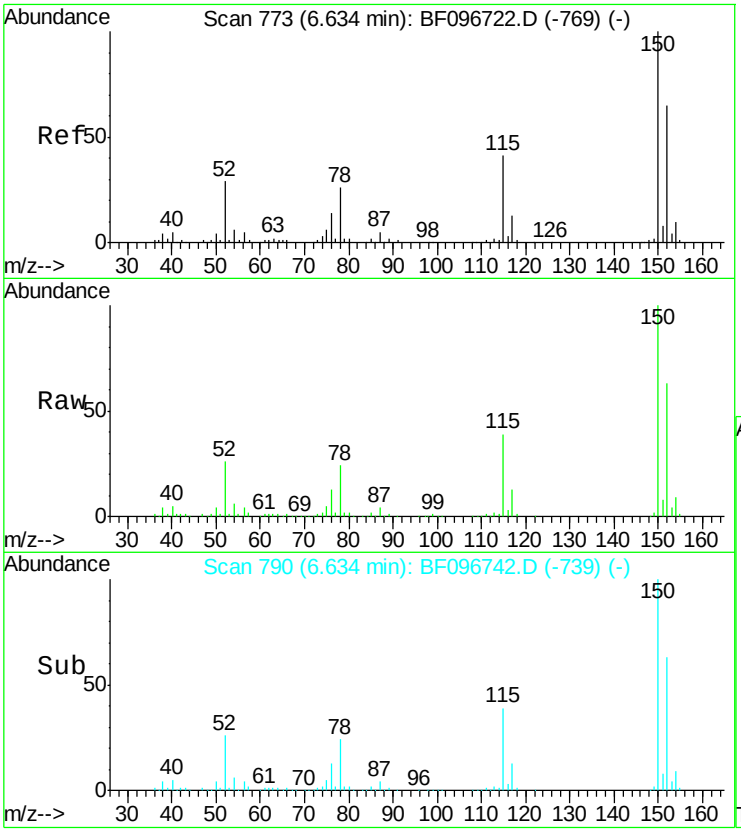


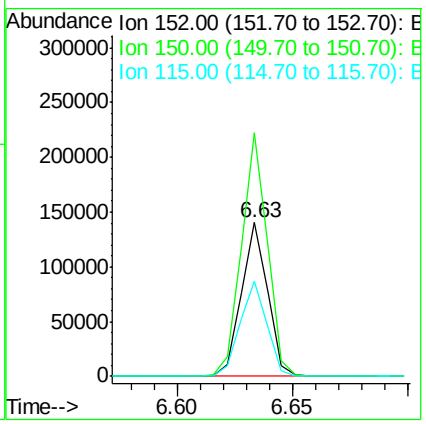


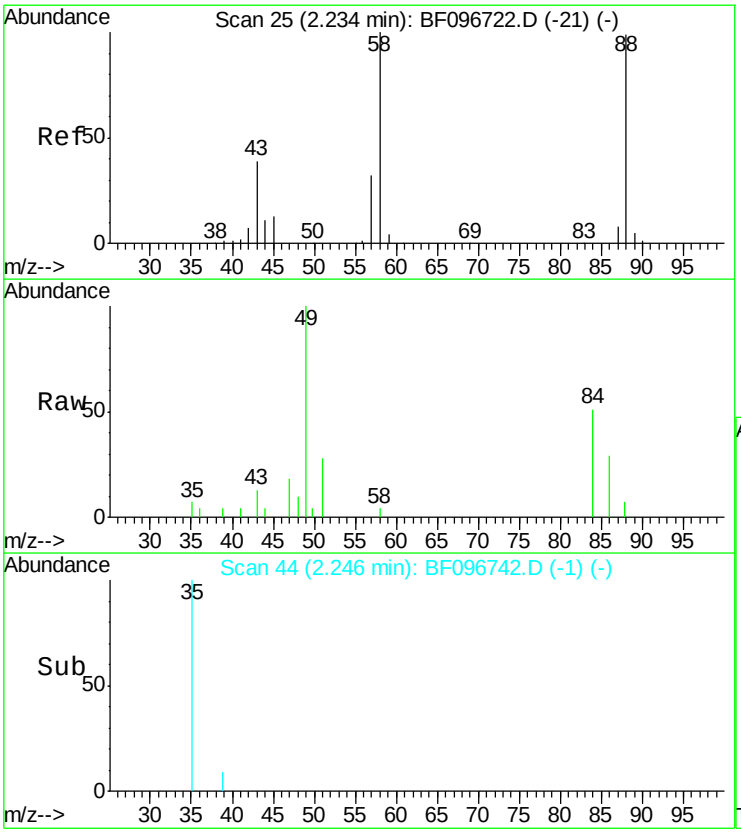
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:152 Resp: 111238

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	61.6	52.2	78.2

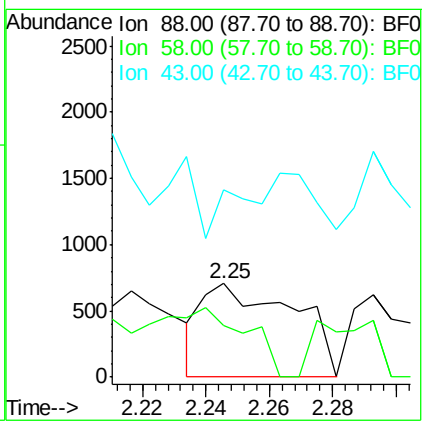


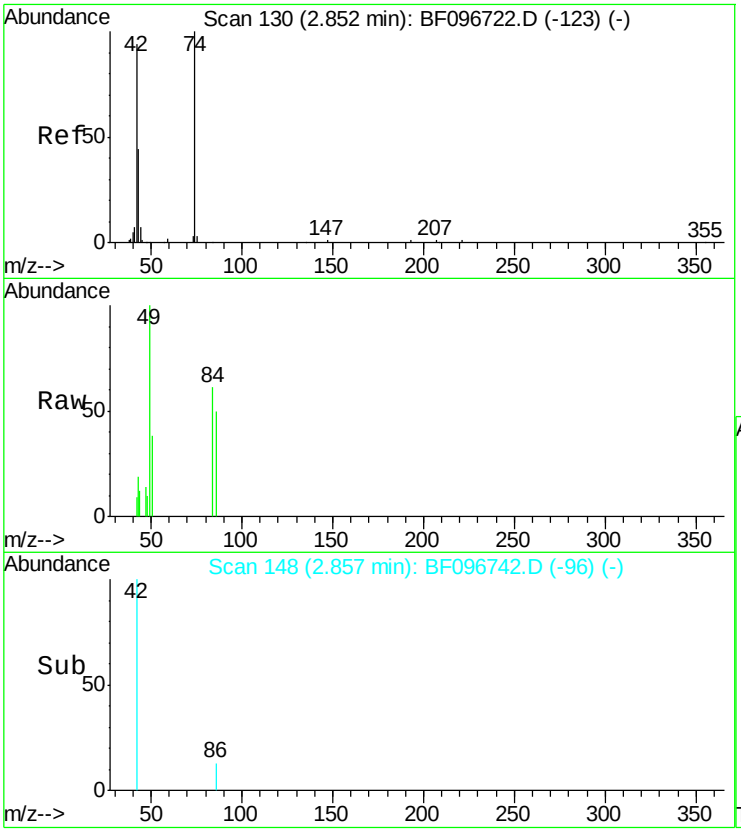


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 2.25 min Scan# 44
Delta R.T. 0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 88 Resp: 1417

Ion	Ratio	Lower	Upper
88	100		
58	62.9	61.4	92.0
43	0.0	23.4	35.0#



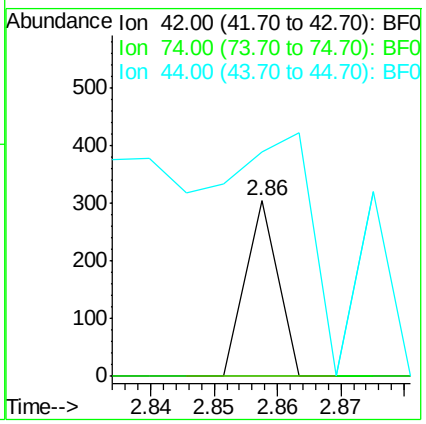


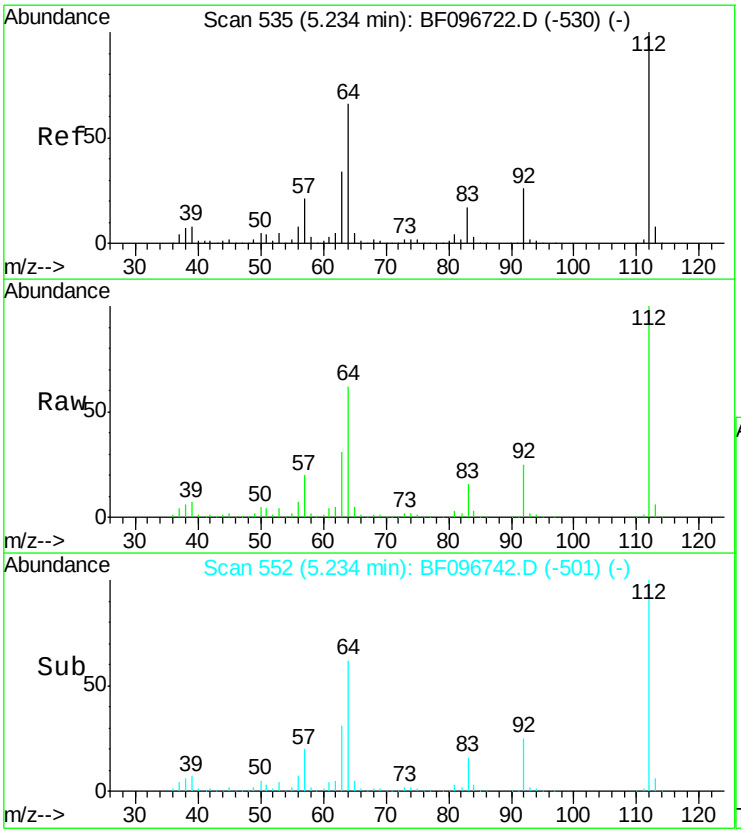
#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 2.86 min Scan# 148
Delta R.T. 0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 42 Resp: 107

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	127.6	5.7	8.5#

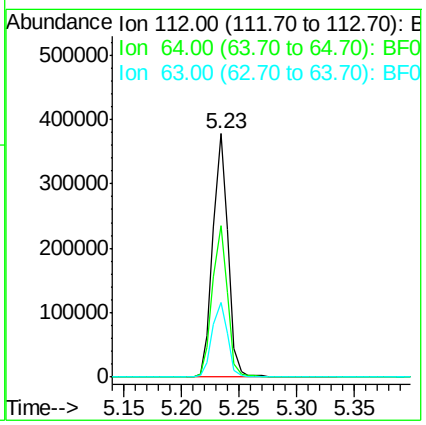


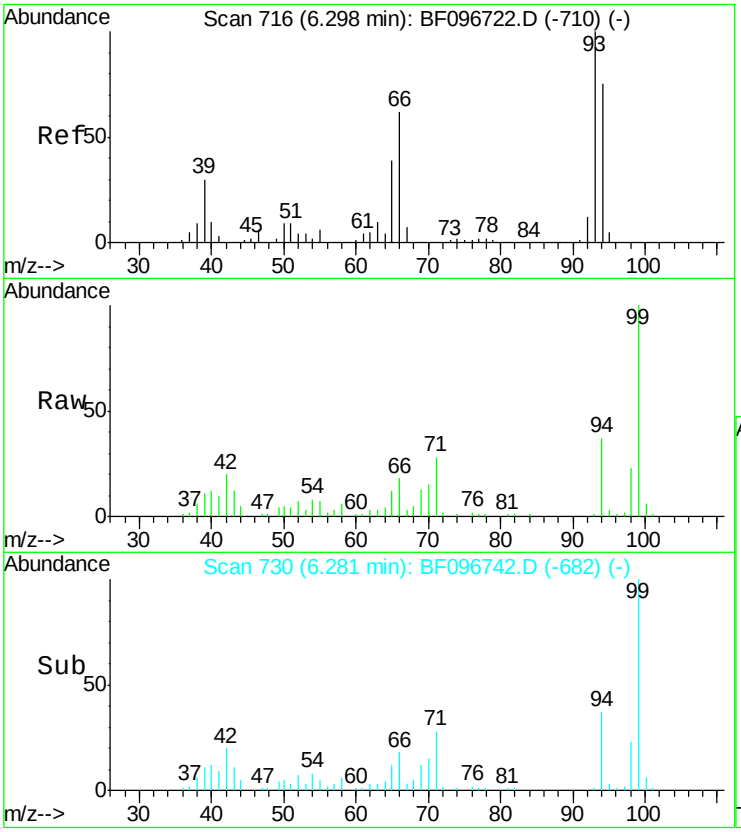


#5
2-Fluorophenol
Concen: 46.55 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:112 Resp: 344395

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.0	69.0
63	30.9	23.4	35.0



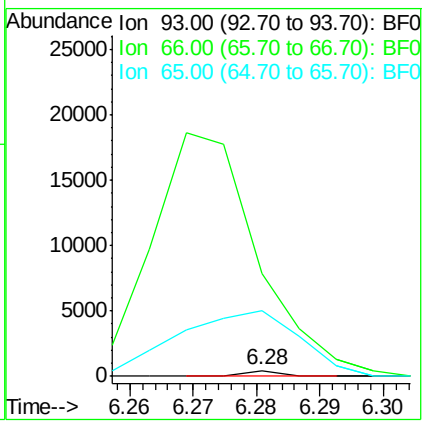


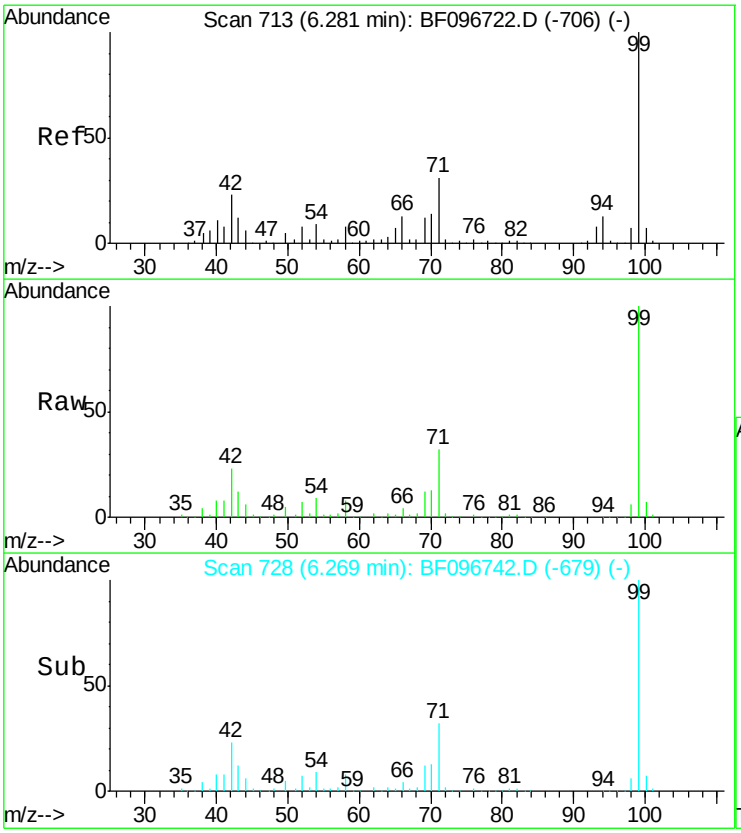
#6
Aniline
Concen: 0.01 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 93 Resp: 155

Ion	Ratio	Lower	Upper
93	100		
66	1782.0	32.9	49.3#
65	1151.1	16.0	24.0#

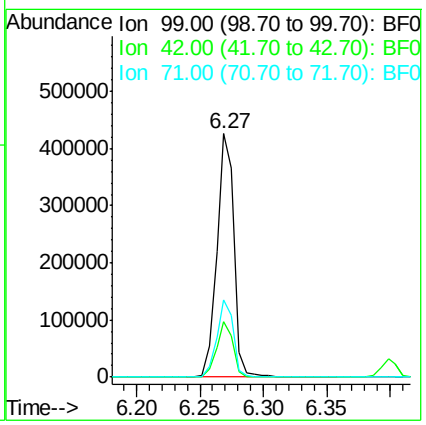


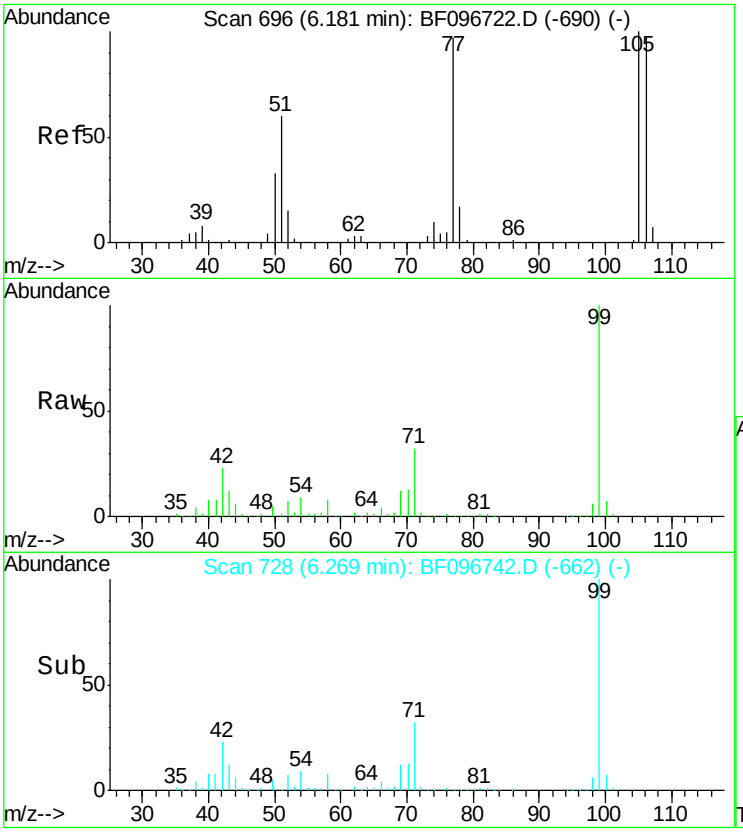


#7
Phenol-d6
Concen: 45.26 ng
RT: 6.27 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 99 Resp: 401836

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.7	24.5	36.7



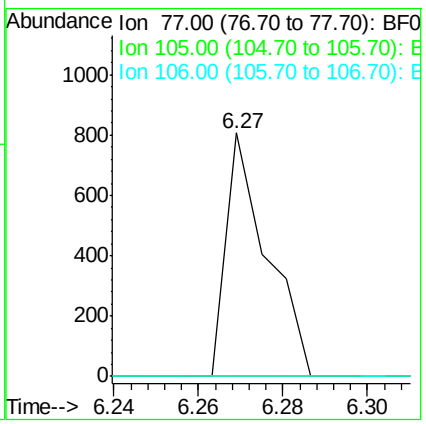


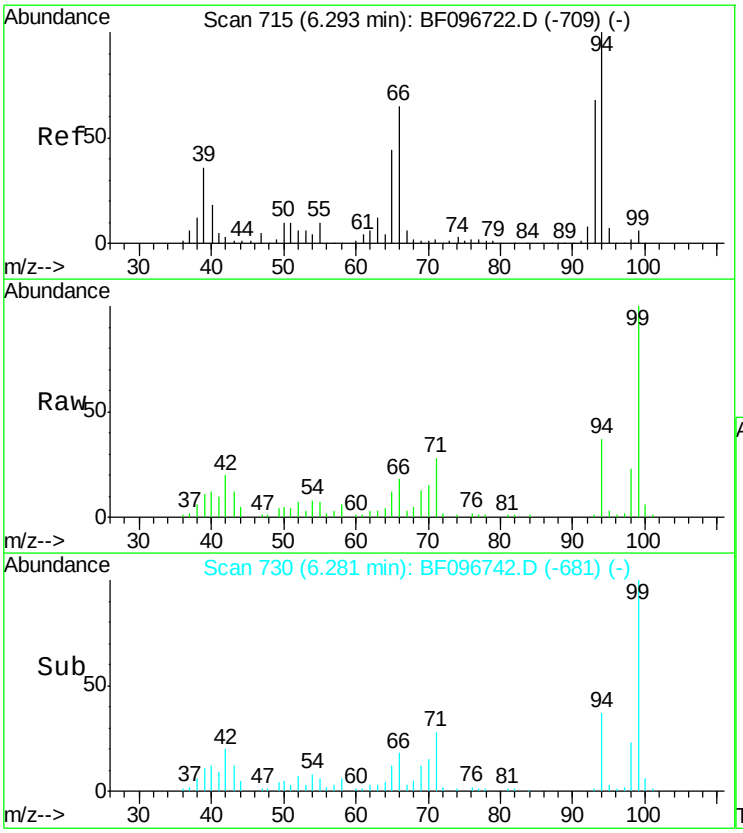
#9
Benzaldehyde
Concen: 0.11 ng
RT: 6.27 min Scan# 728
Delta R.T. 0.09 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 77 Resp: 543

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.8	123.8#
106	0.0	79.1	119.1#

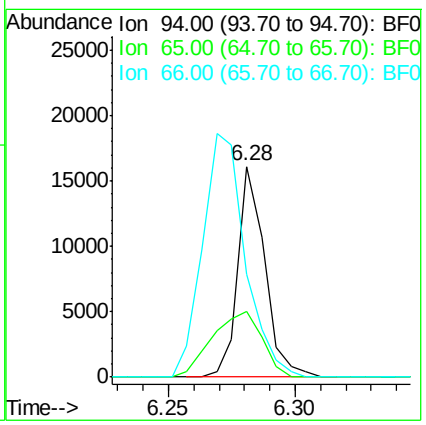


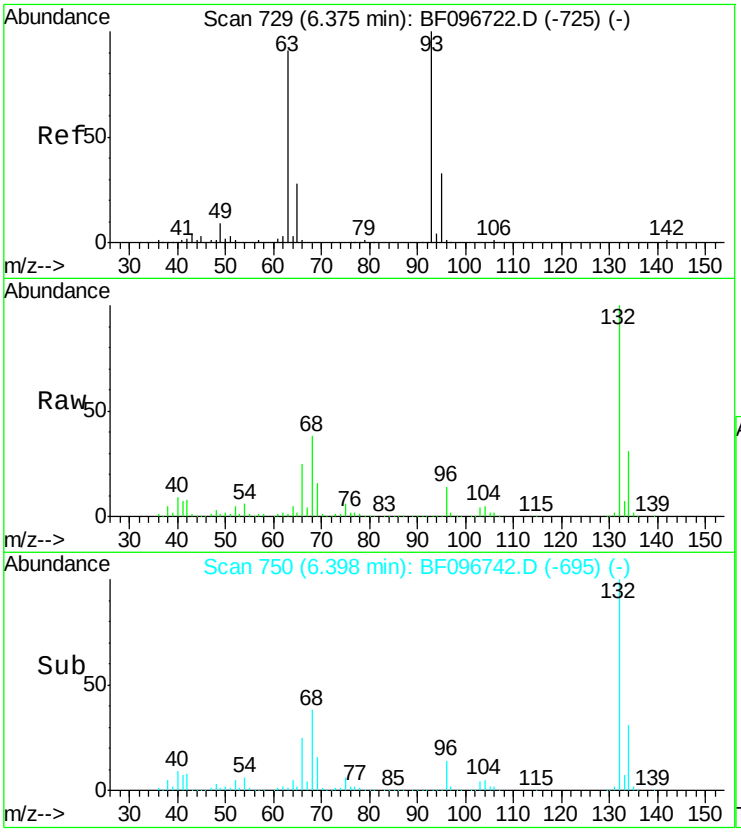


#10
Phenol
Concen: 1.18 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 94 Resp: 11857

Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.9	49.9
66	48.7	23.1	63.1



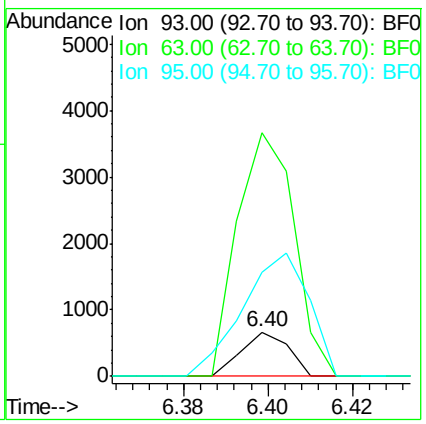


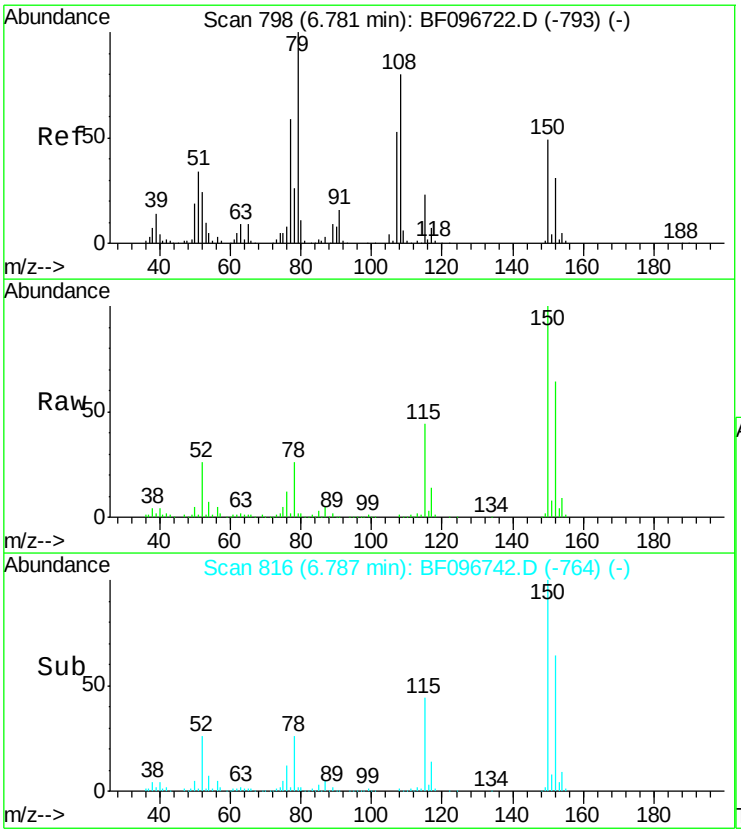
#11
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 6.40 min Scan# 750
Delta R.T. 0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 93 Resp: 513

Ion	Ratio	Lower	Upper
93	100		
63	546.9	59.2	99.2#
95	232.7	12.8	52.8#

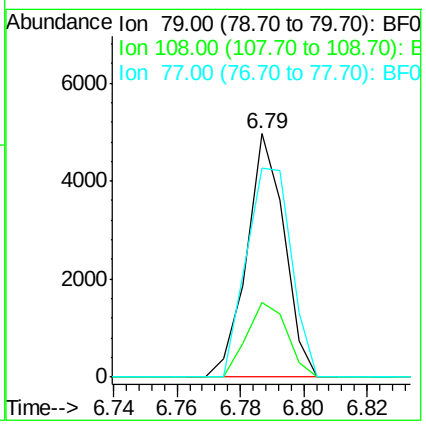


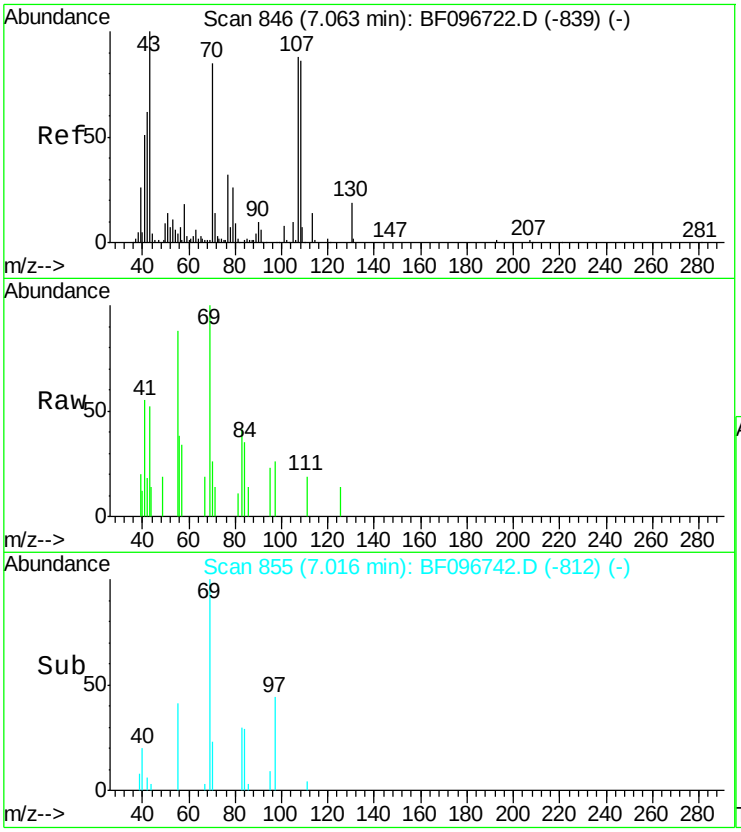


#15
Benzyl Alcohol
Concen: 0.70 ng
RT: 6.79 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 79 Resp: 4084

Ion	Ratio	Lower	Upper
79	100		
108	30.6	63.4	95.0#
77	85.9	49.2	73.8#



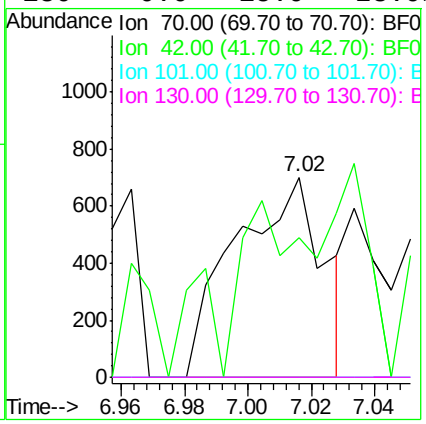


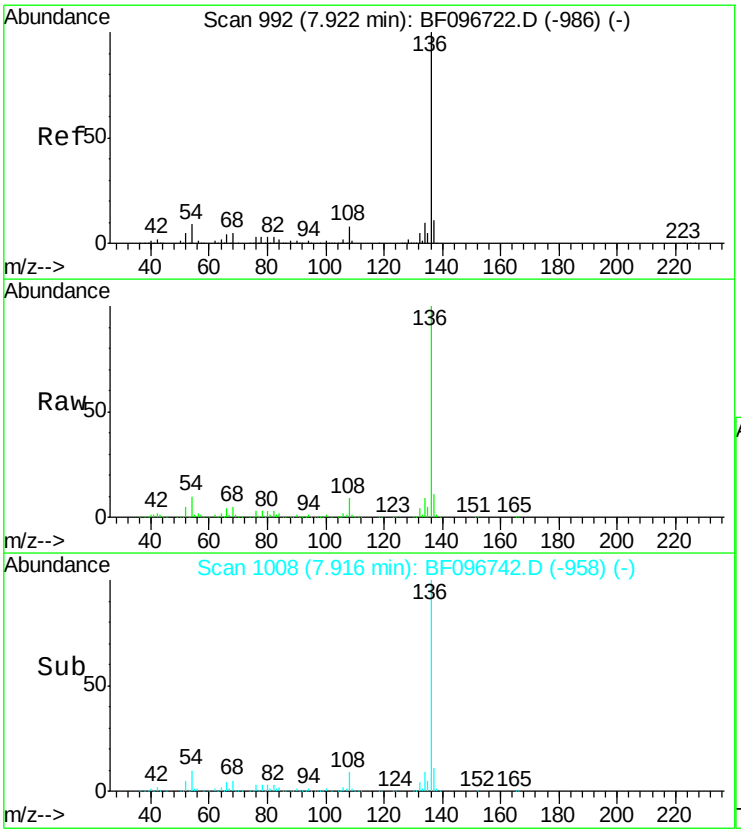
#19
n-Nitroso-di-n-propylamine
Concen: 0.25 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 70 Resp: 1363

Ion	Ratio	Lower	Upper
70	100		
42	70.0	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

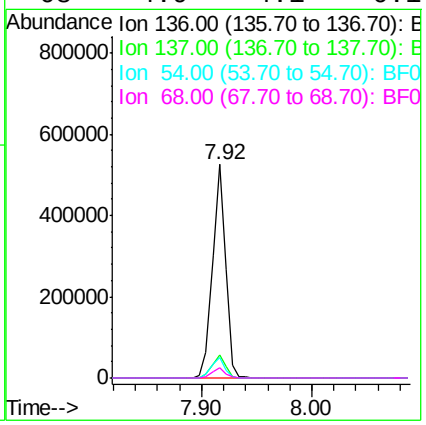


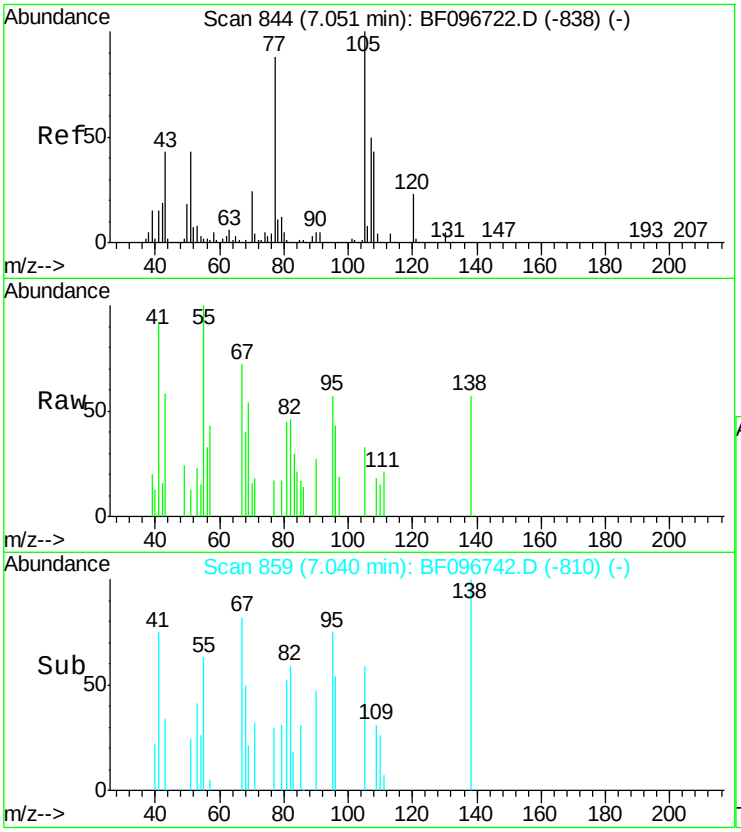


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:136 Resp: 427806

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.8	4.9	7.3#
68	4.9	4.1	6.1



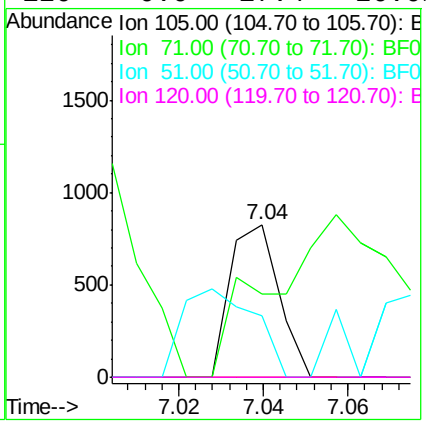


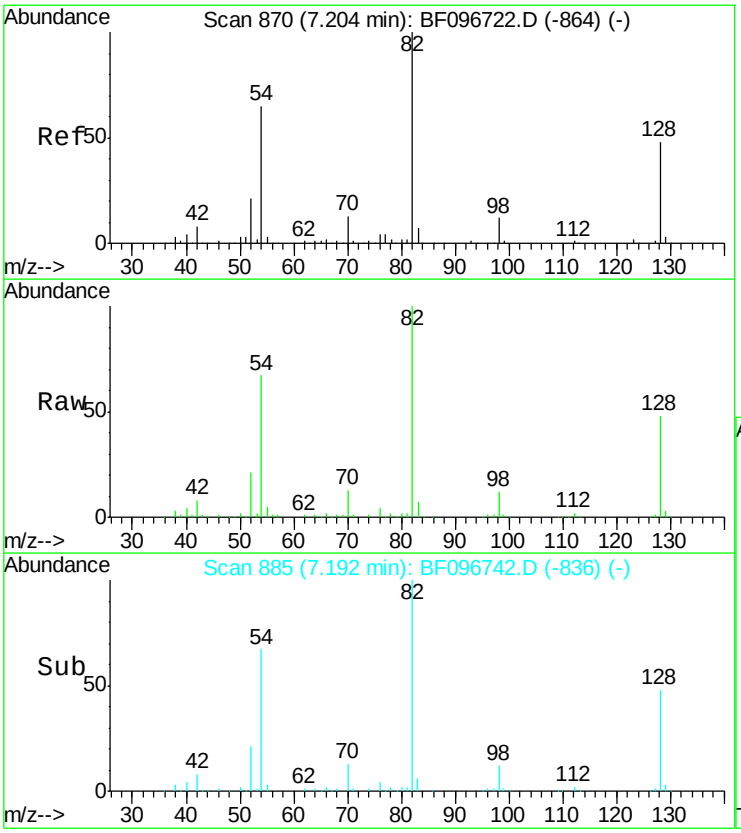
#22
Acetophenone
Concen: 0.07 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:105 Resp: 659

Ion	Ratio	Lower	Upper
105	100		
71	54.5	2.8	4.2#
51	40.4	30.7	46.1
120	0.0	17.4	26.0#

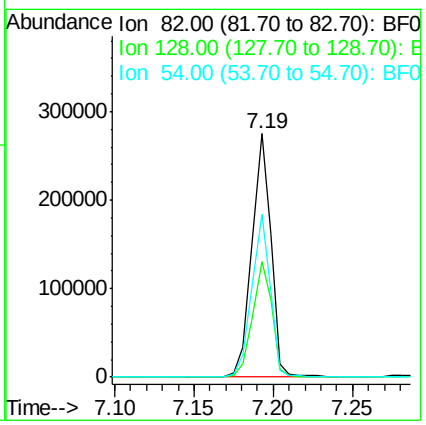


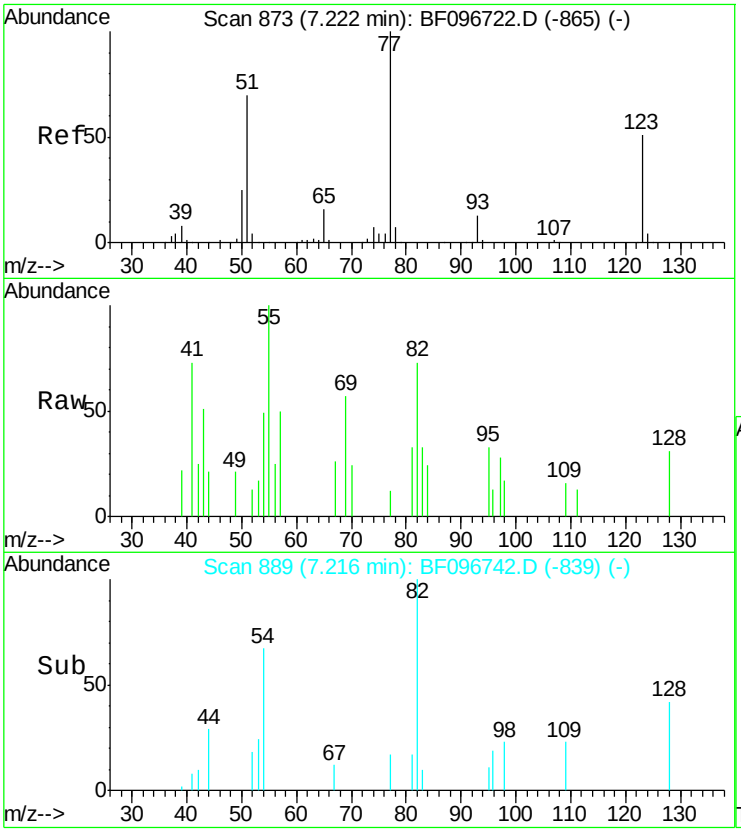


#23
Nitrobenzene-d5
Concen: 33.13 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 82 Resp: 228852

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	67.1	42.2	63.2#



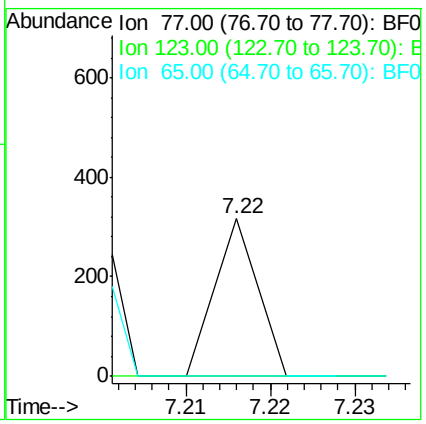


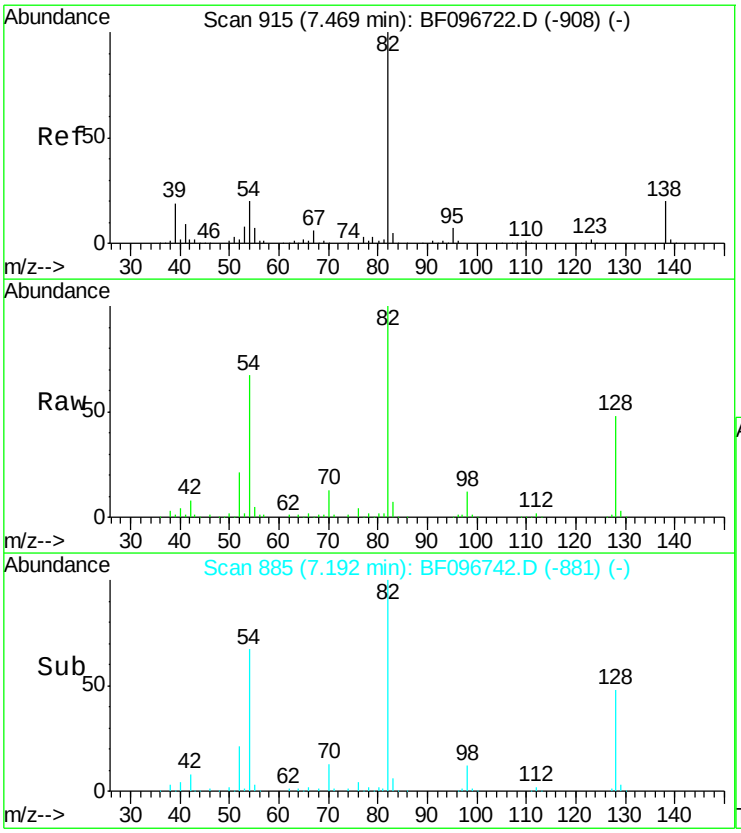
#24
Nitrobenzene
Concen: 0.02 ng
RT: 7.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 77 Resp: 112

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	0.0	10.6	15.8#

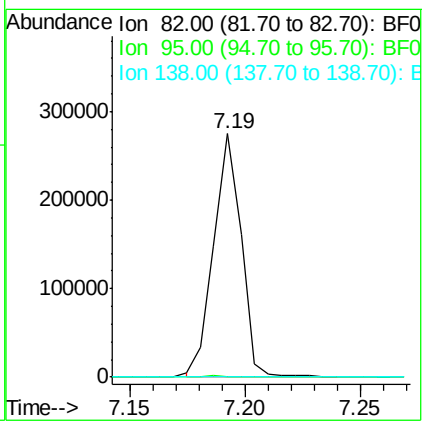


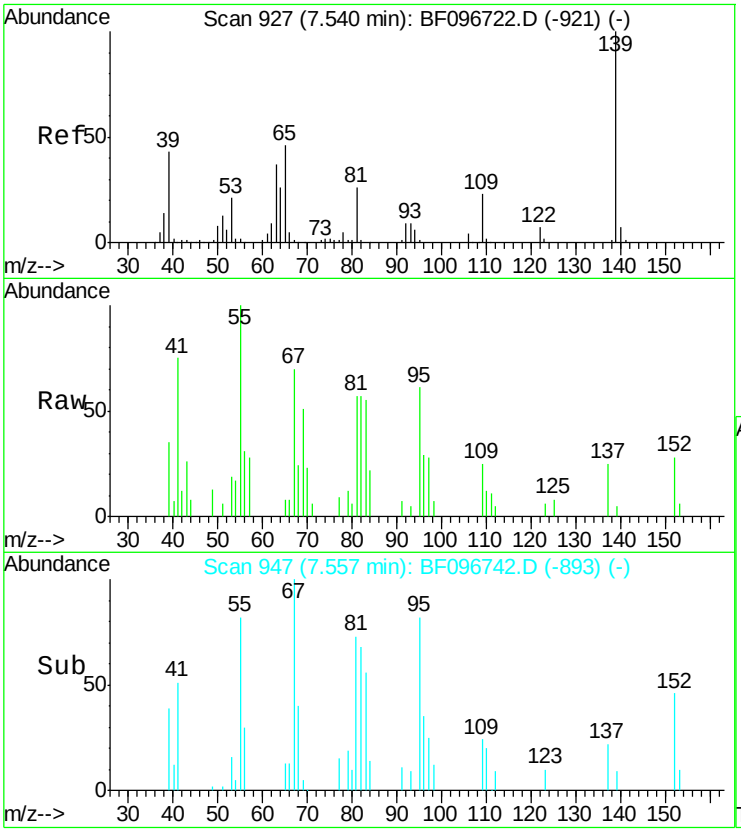


#25
Isophorone
Concen: 17.37 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.28 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 82 Resp: 223222

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.3	7.9#
138	0.0	13.1	19.7#



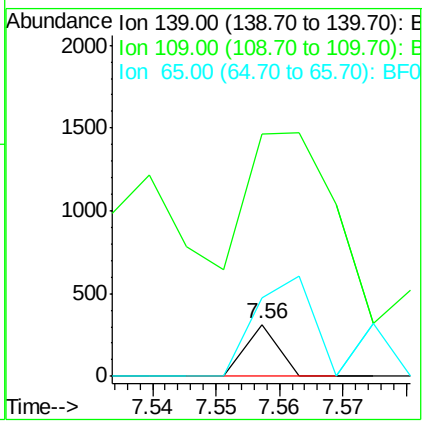


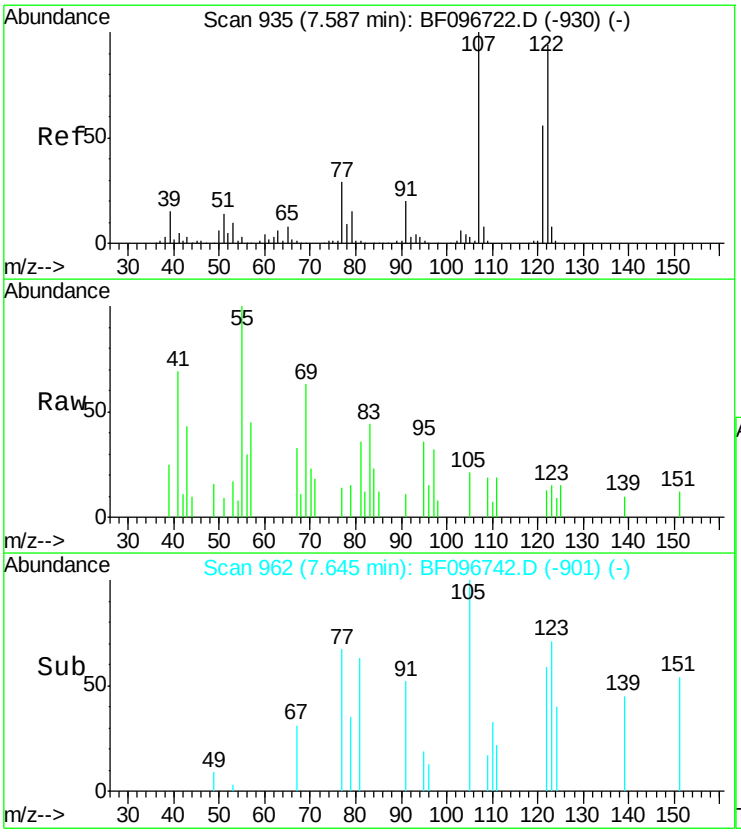
#26
2-Nitrophenol
Concen: 0.03 ng
RT: 7.56 min Scan# 947
Delta R.T. 0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:139 Resp: 111

Ion	Ratio	Lower	Upper
139	100		
109	465.1	21.0	31.6#
65	150.2	33.0	49.6#

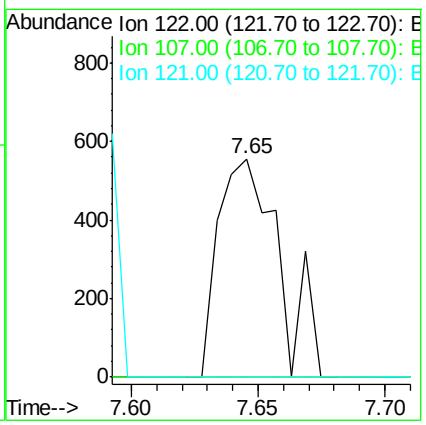


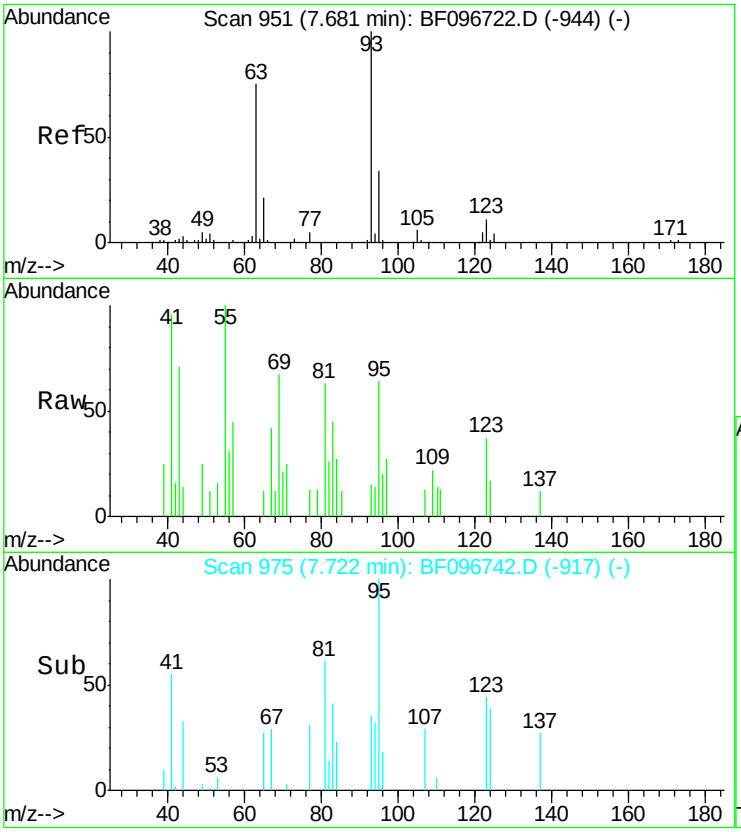


#27
2,4-Dimethylphenol
Concen: 0.14 ng
RT: 7.65 min Scan# 962
Delta R.T. 0.06 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:122 Resp: 930

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.2	133.8#
121	0.0	45.2	67.8#



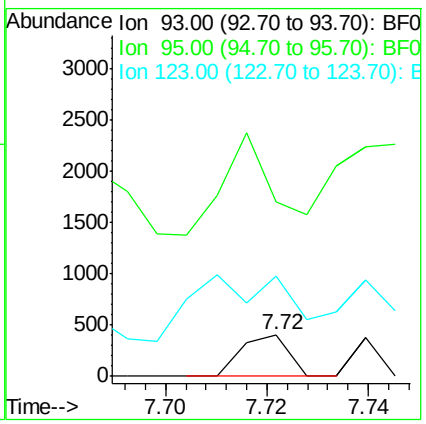


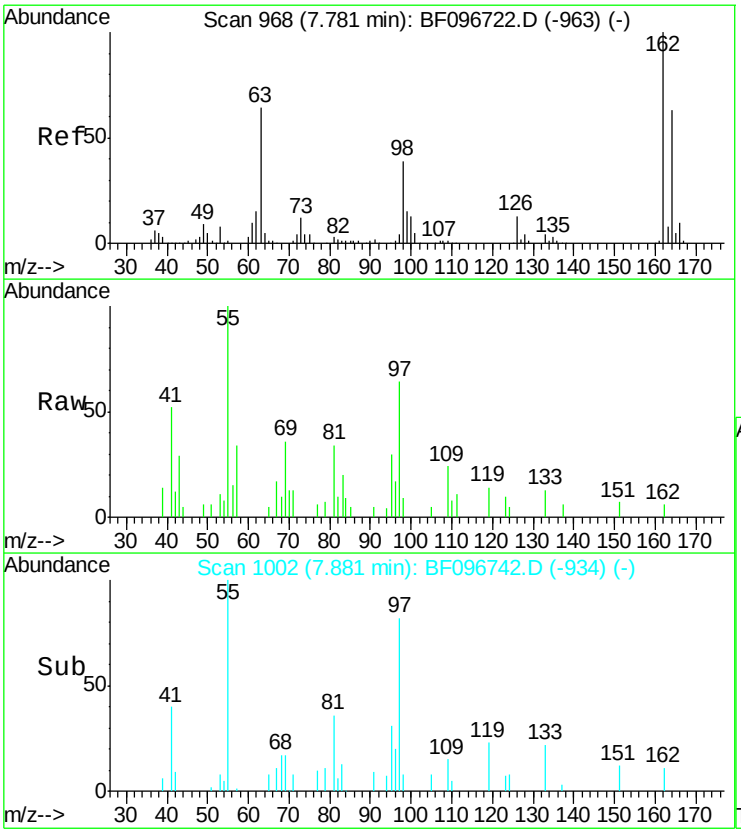
#28
bis(2-Chloroethoxy)methane
Concen: 0.03 ng
RT: 7.72 min Scan# 975
Delta R.T. 0.04 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 93 Resp: 258

Ion	Ratio	Lower	Upper
93	100		
95	419.4	26.5	39.7#
123	239.8	9.0	13.4#

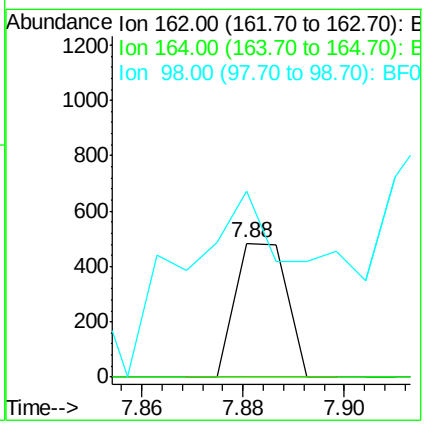


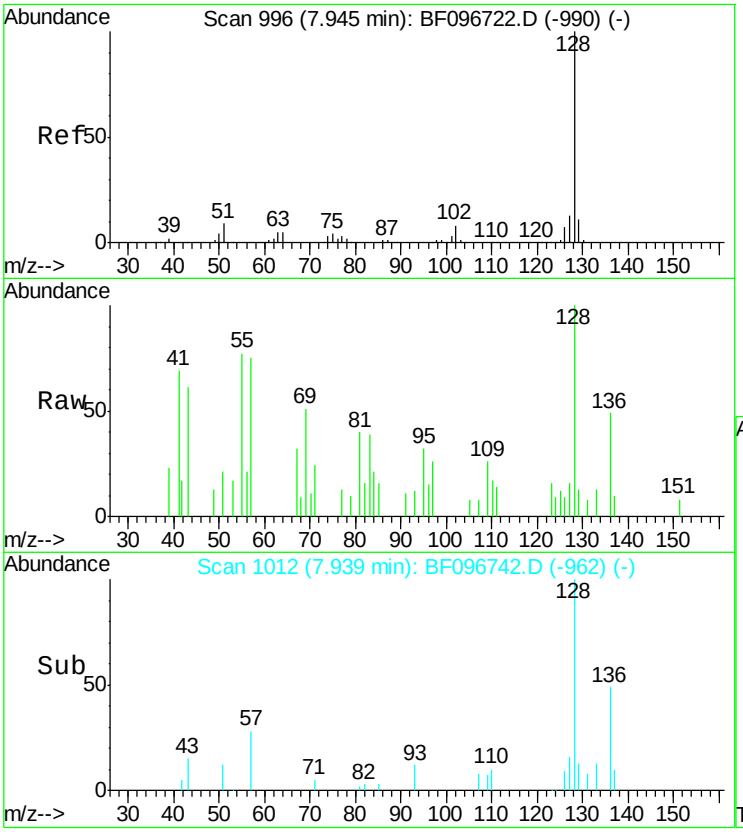


#29
2,4-Dichlorophenol
Concen: 0.06 ng
RT: 7.88 min Scan# 1002
Delta R.T. 0.10 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:162 Resp: 339

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	138.6	14.8	54.8#



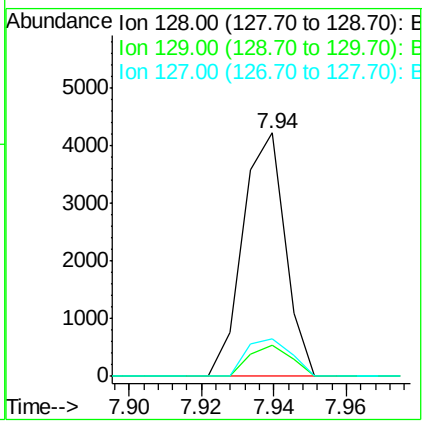


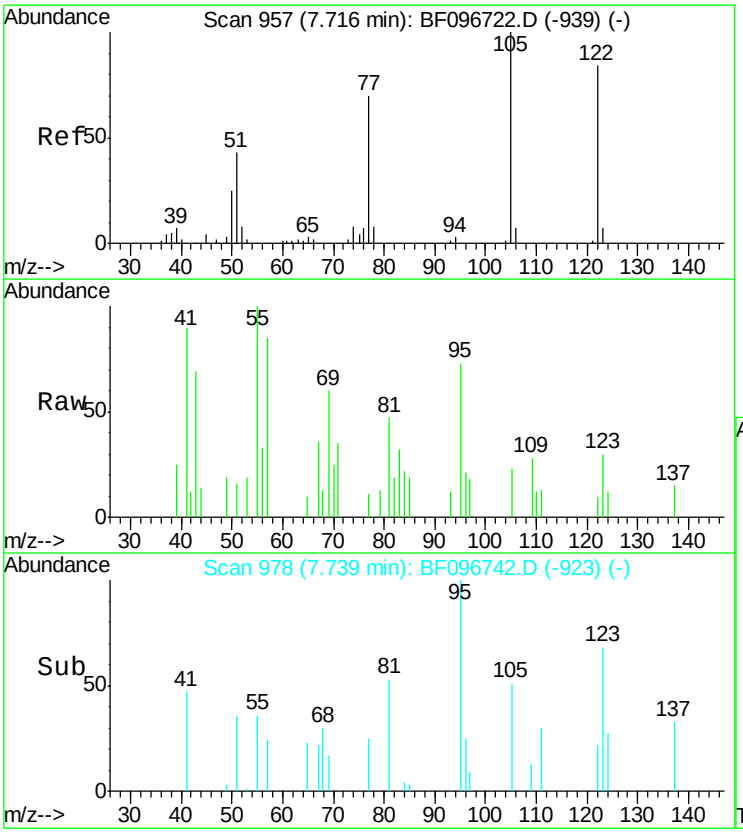
#31
Naphthalene
Concen: 0.17 ng
RT: 7.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:128 Resp: 3401

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	15.5	10.8	16.2

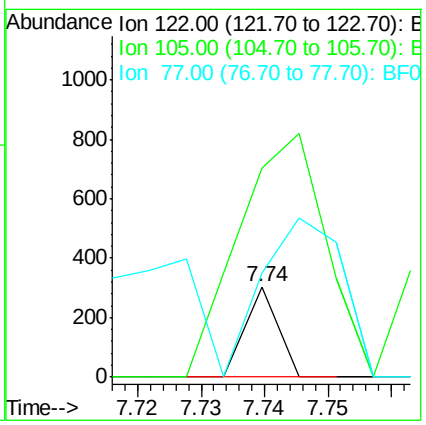


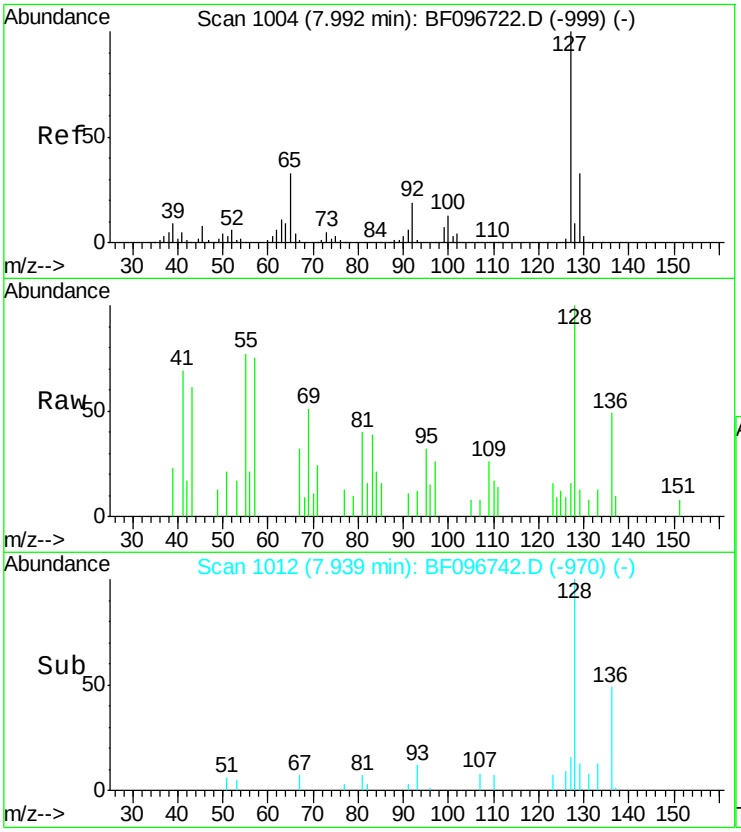


#32
Benzoic acid
Concen: 0.03 ng
RT: 7.74 min Scan# 978
Delta R.T. 0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	231.9	103.3	143.3#
77	115.8	73.7	113.7#



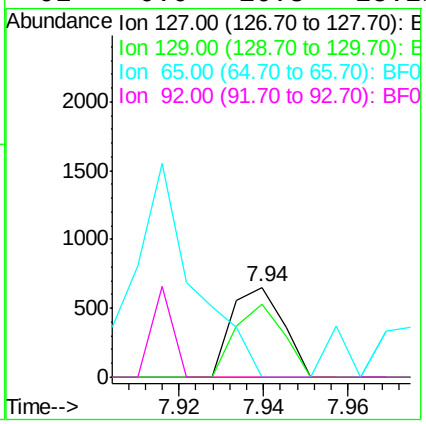


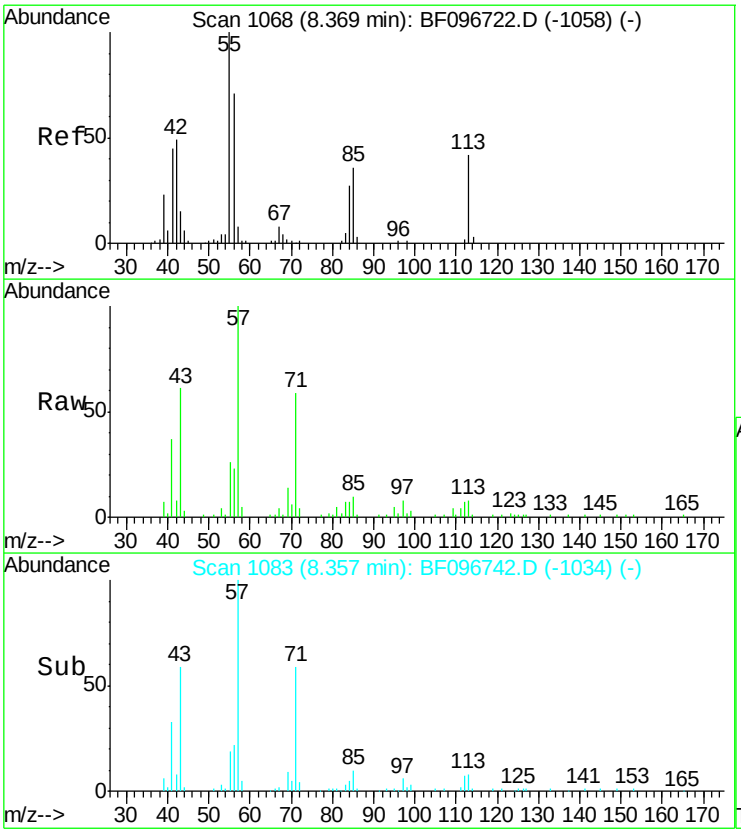
#33
4-Chloroaniline
Concen: 0.07 ng
RT: 7.94 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:127 Resp: 556

Ion	Ratio	Lower	Upper
127	100		
129	81.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

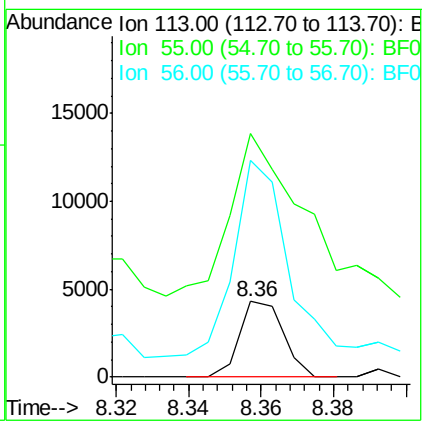


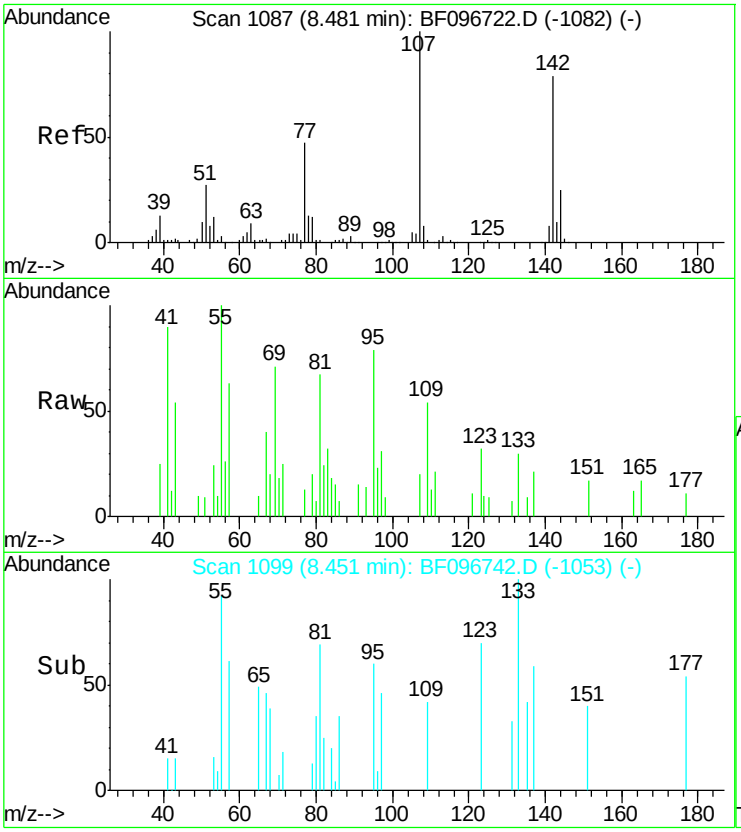


#35
Caprolactam
Concen: 1.89 ng
RT: 8.36 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:113 Resp: 3591

Ion	Ratio	Lower	Upper
113	100		
55	322.1	150.2	190.2#
56	287.0	107.8	147.8#



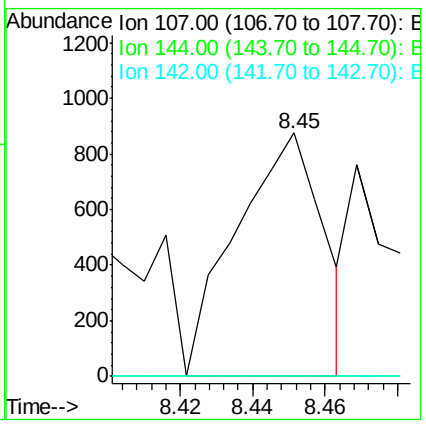


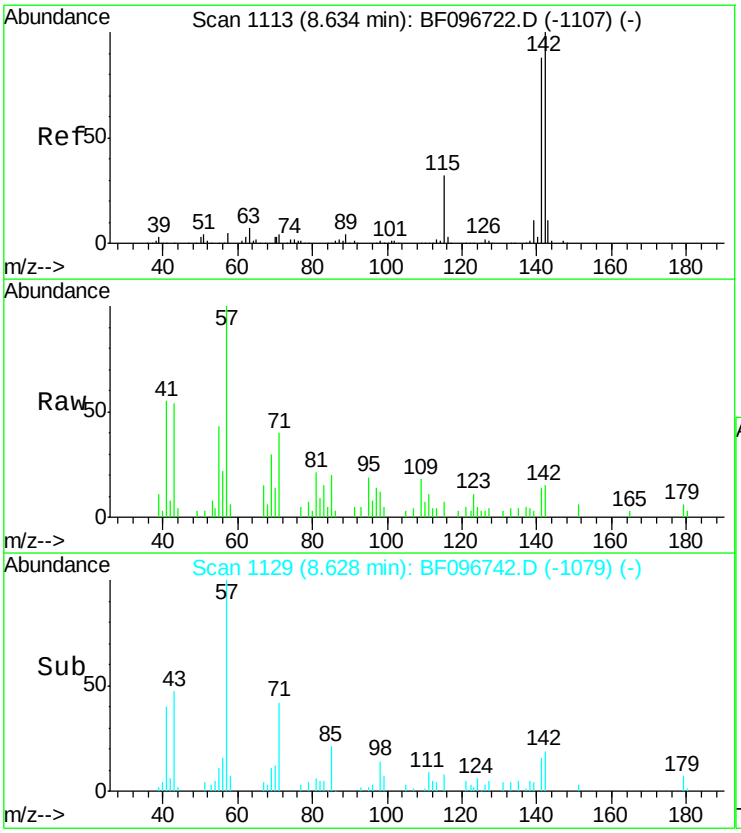
#36
4-Chloro-3-methylphenol
Concen: 0.23 ng
RT: 8.45 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:107 Resp: 1455

Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#

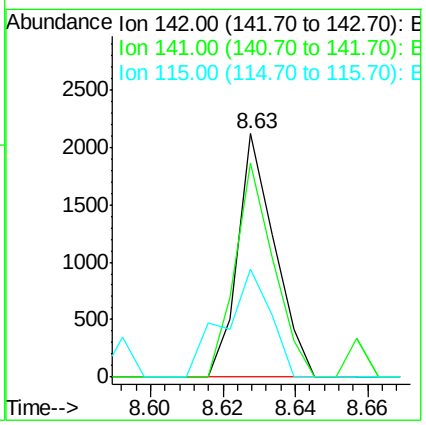


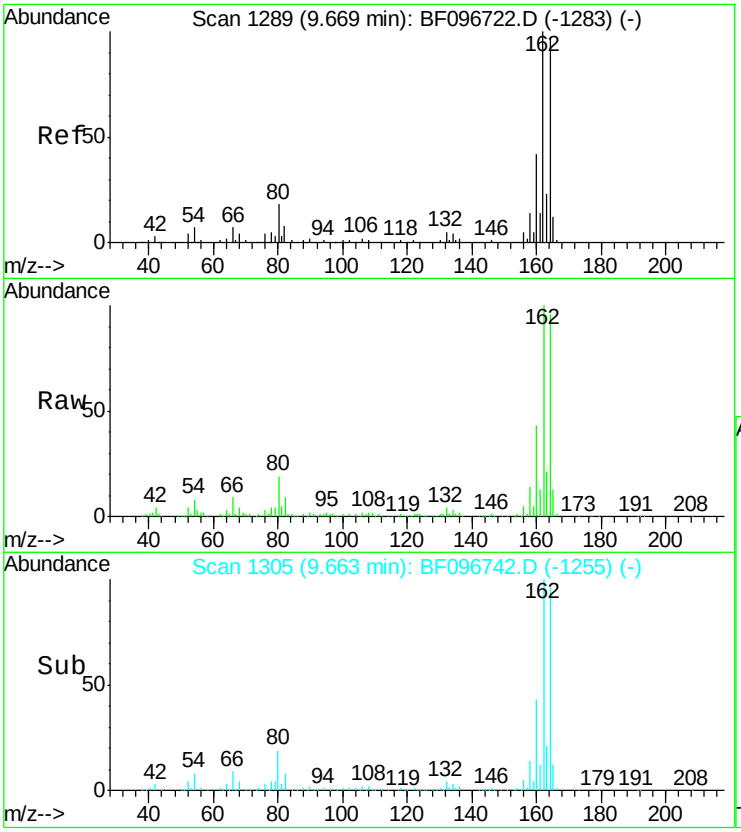


#37
2-Methylnaphthalene
Concen: 0.12 ng
RT: 8.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:142 Resp: 1510

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	44.5	27.1	40.7#



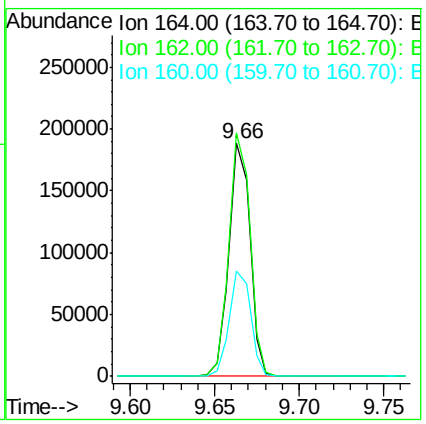


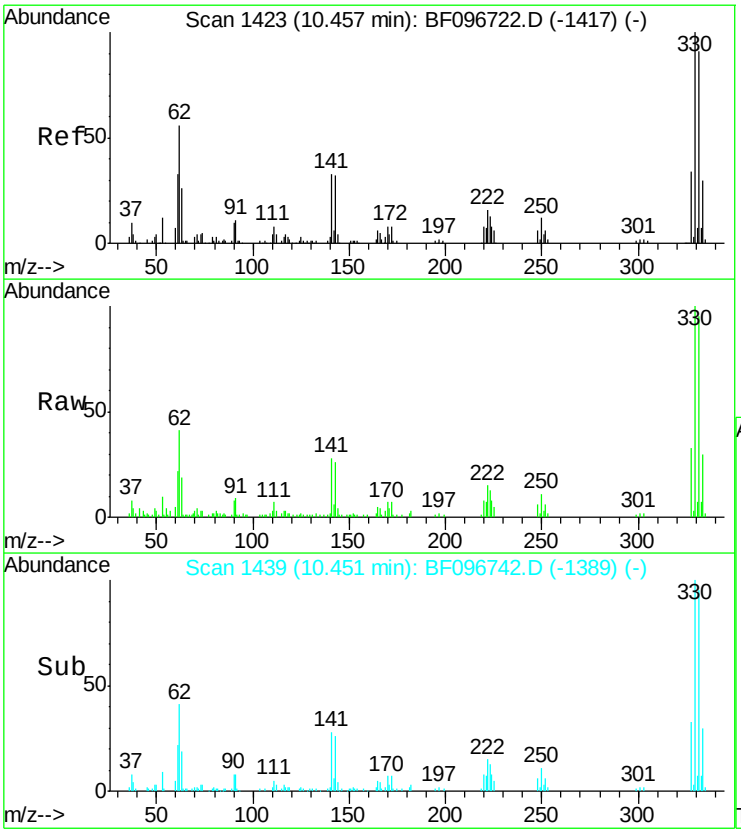
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:164 Resp: 163420

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.3	36.2	54.2

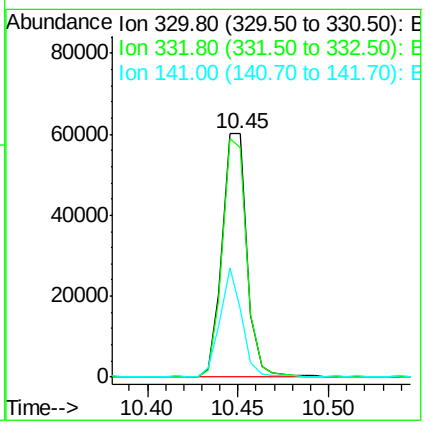


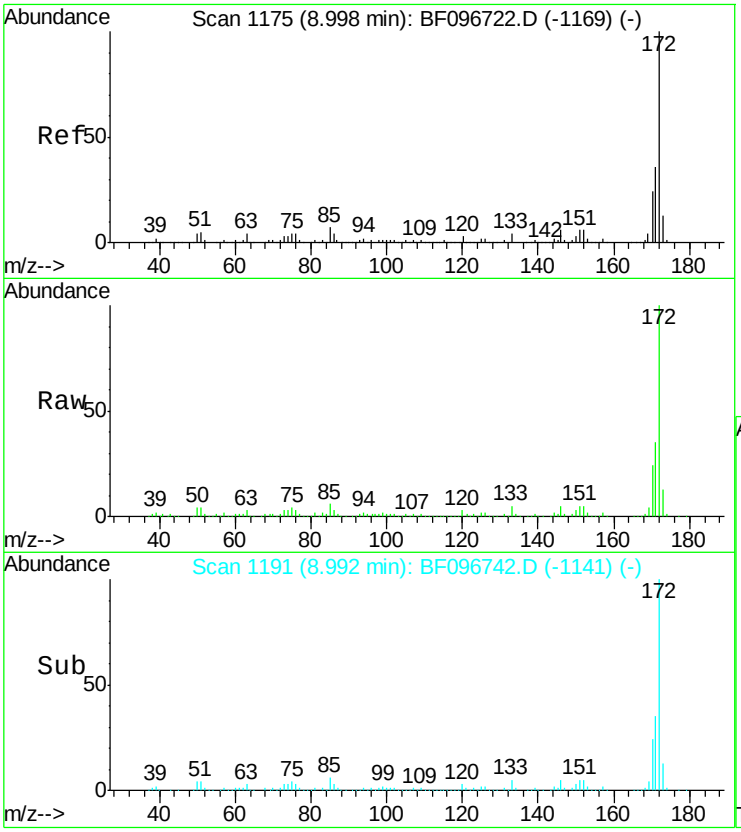


#41
2,4,6-Tribromophenol
Concen: 41.34 ng
RT: 10.45 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:330 Resp: 57671

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.4	31.4	47.2



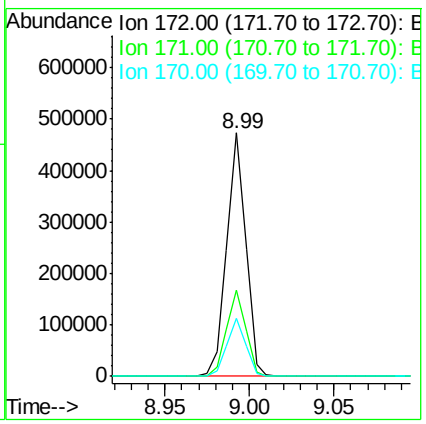


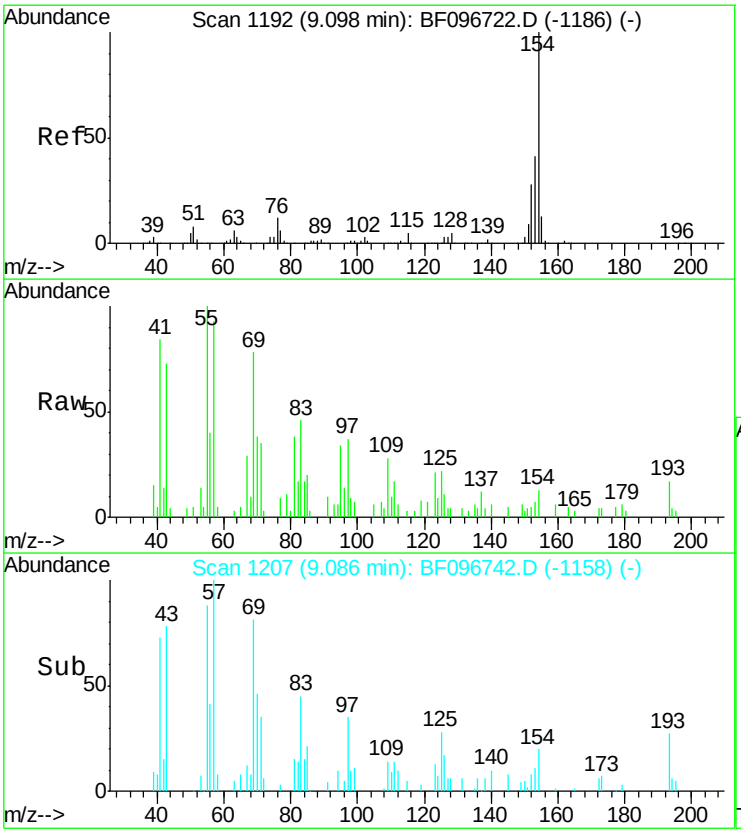
#44
2-Fluorobiphenyl
Concen: 35.78 ng
RT: 8.99 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:172 Resp: 370136

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.8	19.8	29.8

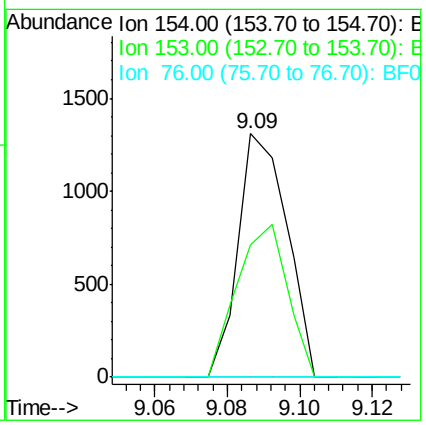


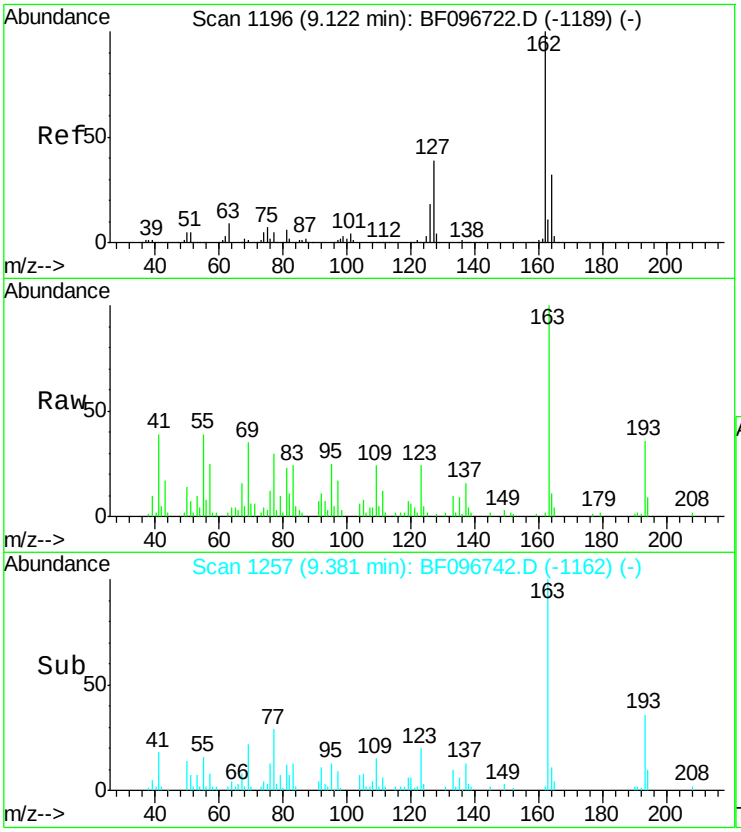


#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.09 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:154 Resp: 1225

Ion	Ratio	Lower	Upper
154	100		
153	54.2	21.2	61.2
76	0.0	0.0	29.9



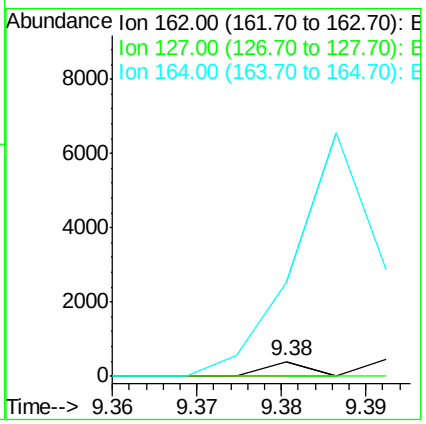


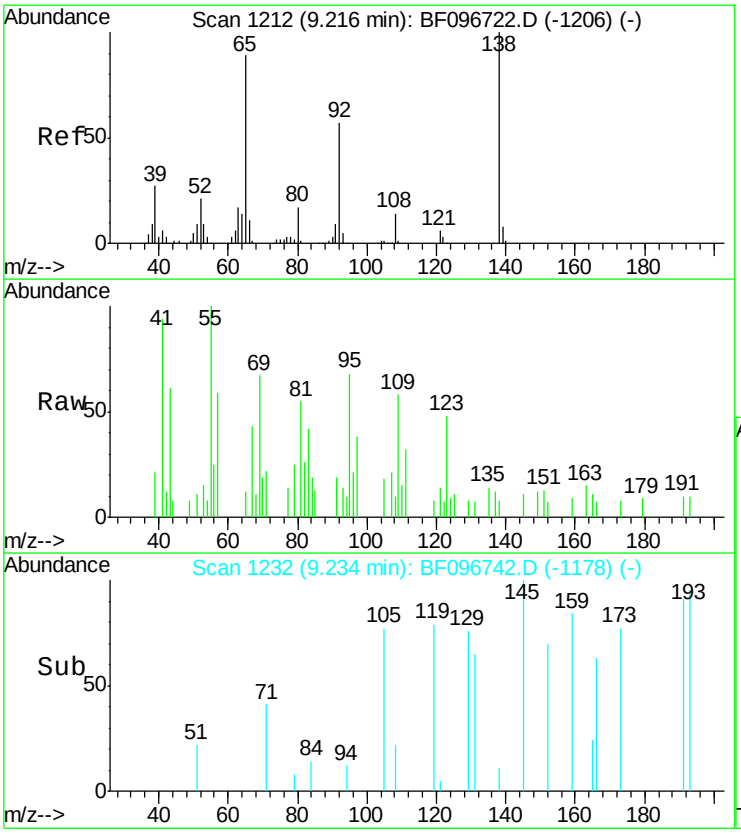
#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 9.38 min Scan# 1257
Delta R.T. 0.26 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:162 Resp: 142

Ion	Ratio	Lower	Upper
162	100		
127	0.0	28.3	42.5#
164	626.1	27.0	40.4#

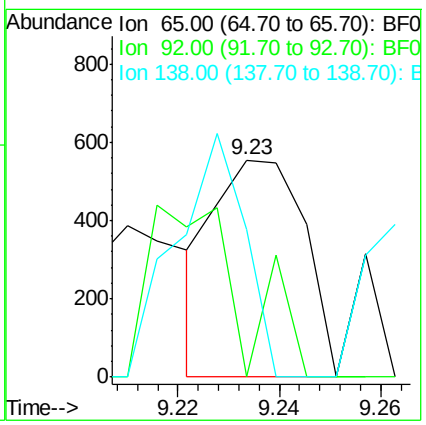


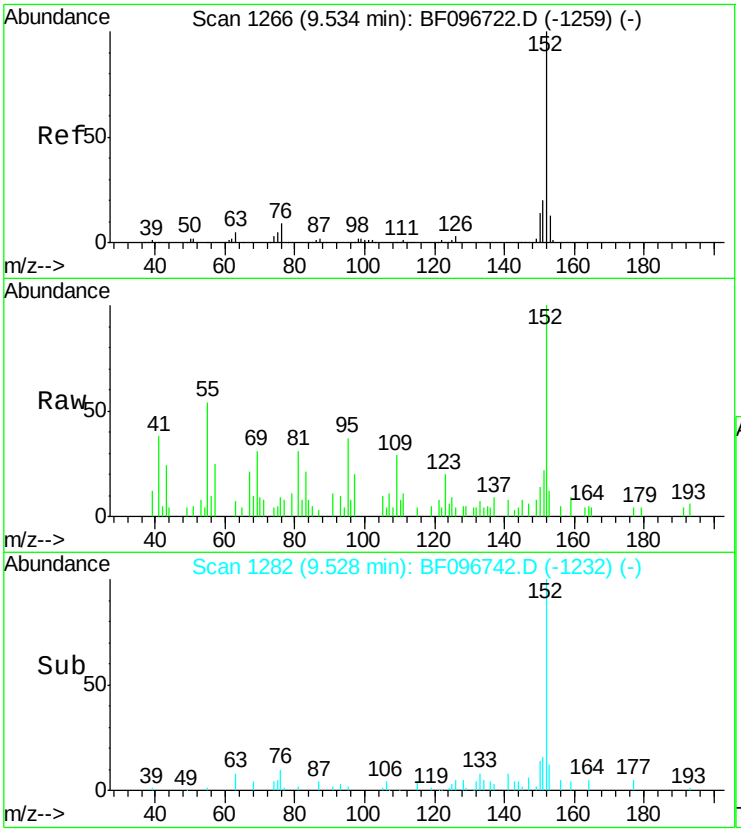


#47
2-Nitroaniline
Concen: 0.19 ng
RT: 9.23 min Scan# 1232
Delta R.T. 0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 65 Resp: 683

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.9	80.9#
138	68.1	78.8	118.2#



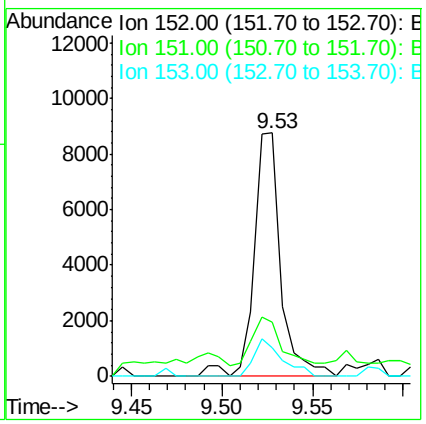


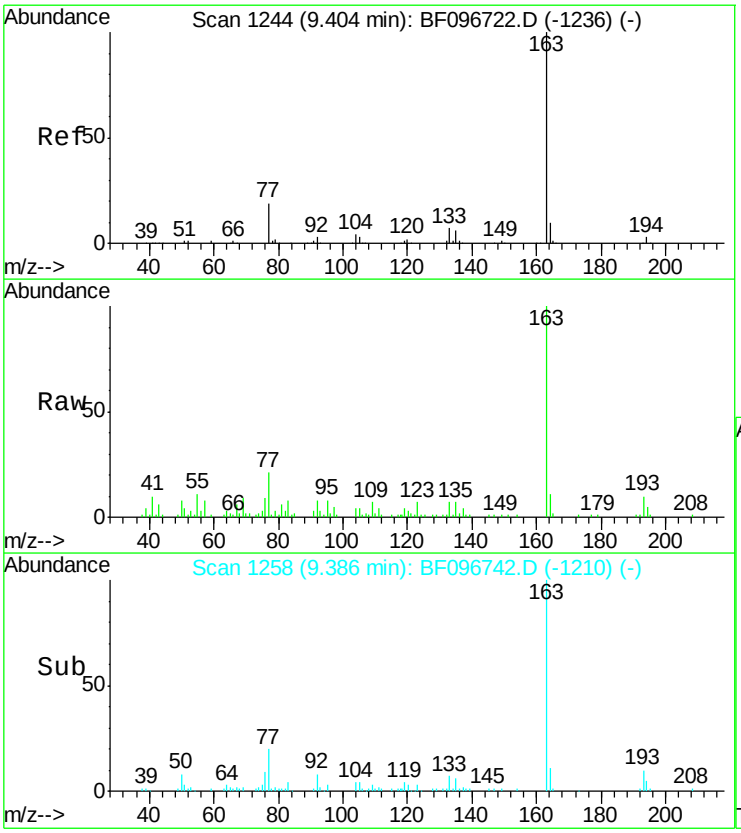
#48
Acenaphthylene
Concen: 0.55 ng
RT: 9.53 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:152 Resp: 9005

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2
153	11.8	10.8	16.2

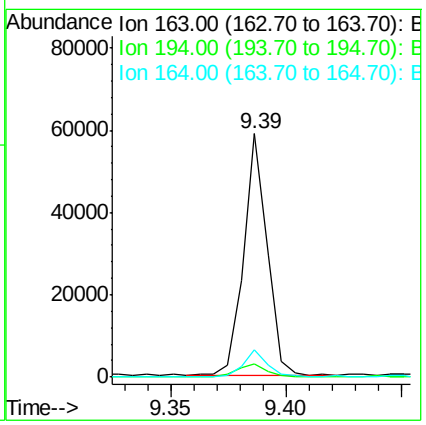


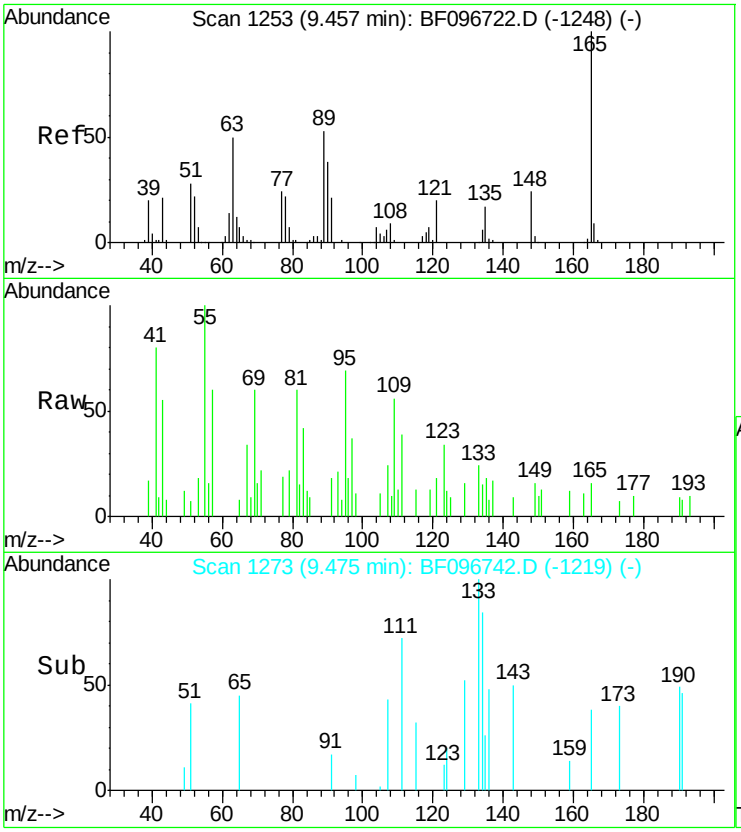


#49
Dimethylphthalate
Concen: 3.41 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:163 Resp: 41972

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.6	4.0#
164	11.1	8.4	12.6



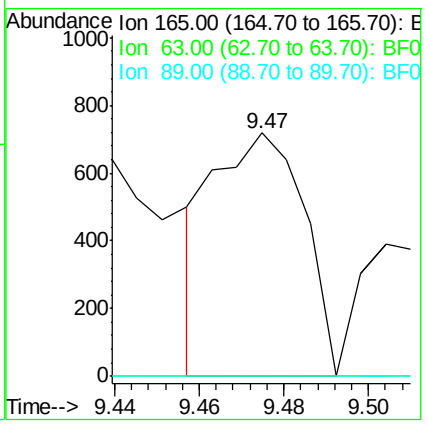


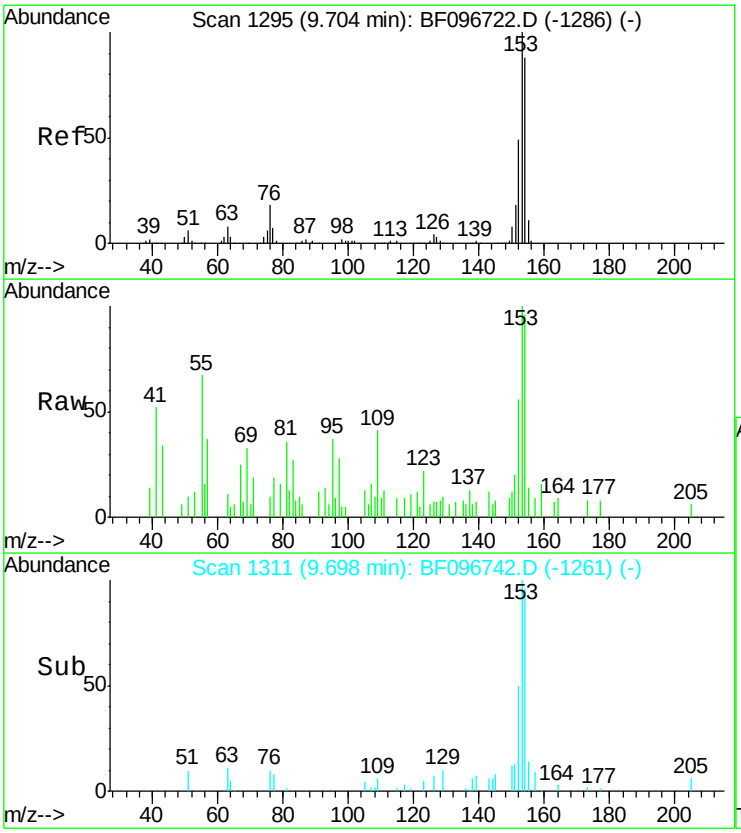
#50
2,6-Dinitrotoluene
Concen: 0.40 ng
RT: 9.47 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:165 Resp: 1074

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

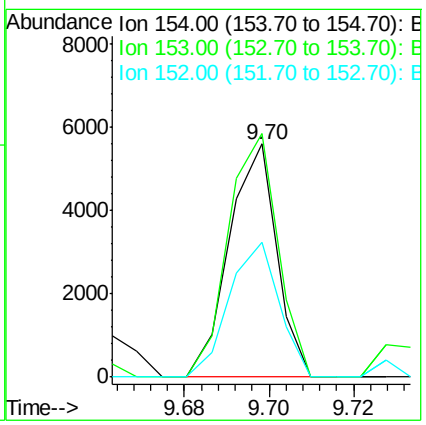


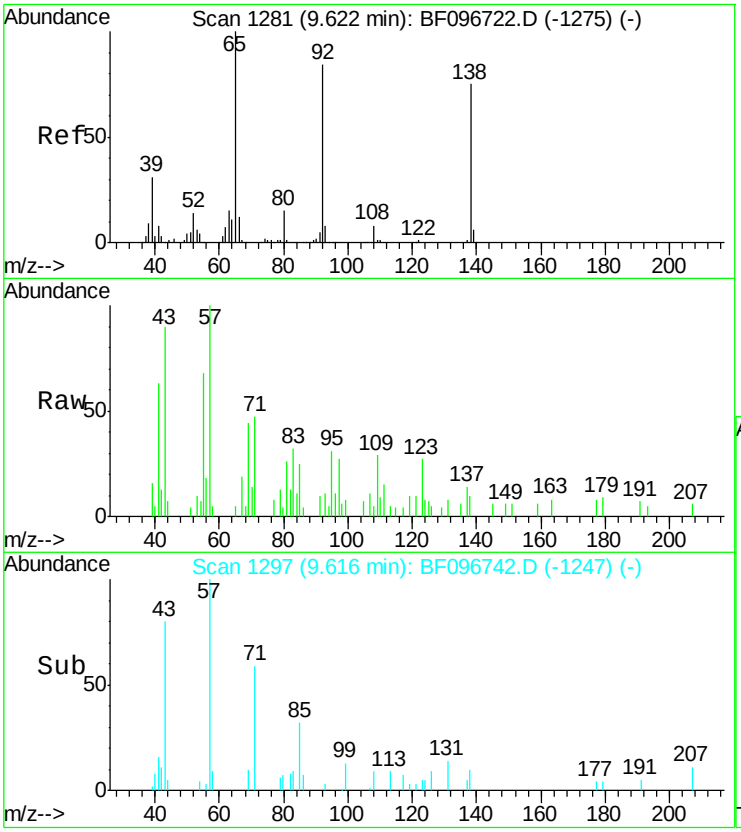


#51
Acenaphthene
Concen: 0.45 ng
RT: 9.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:154 Resp: 4354

Ion	Ratio	Lower	Upper
154	100		
153	104.5	90.5	135.7
152	58.1	43.6	65.4



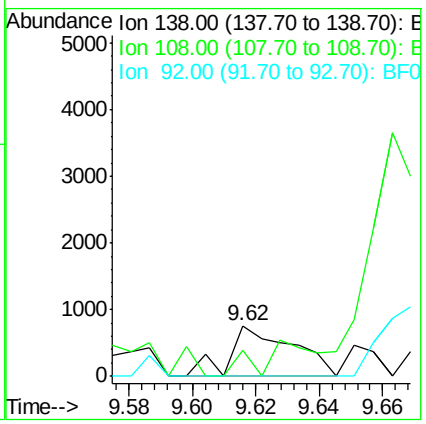


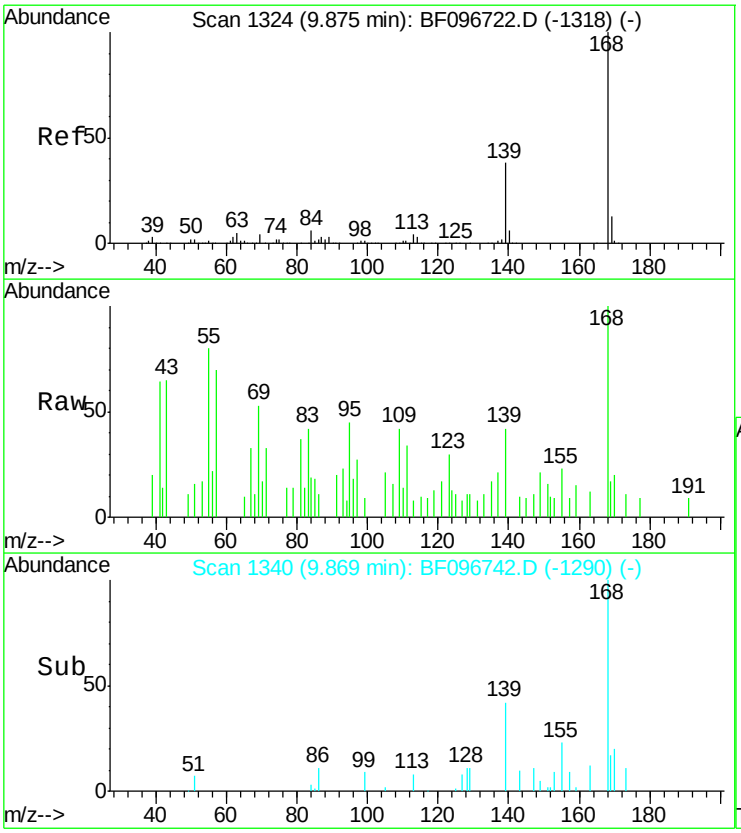
#52
3-Nitroaniline
Concen: 0.33 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:138 Resp: 1056

Ion	Ratio	Lower	Upper
138	100		
108	50.8	9.1	13.7#
92	0.0	93.8	140.6#

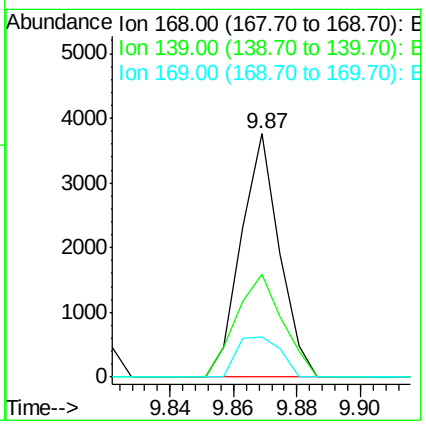


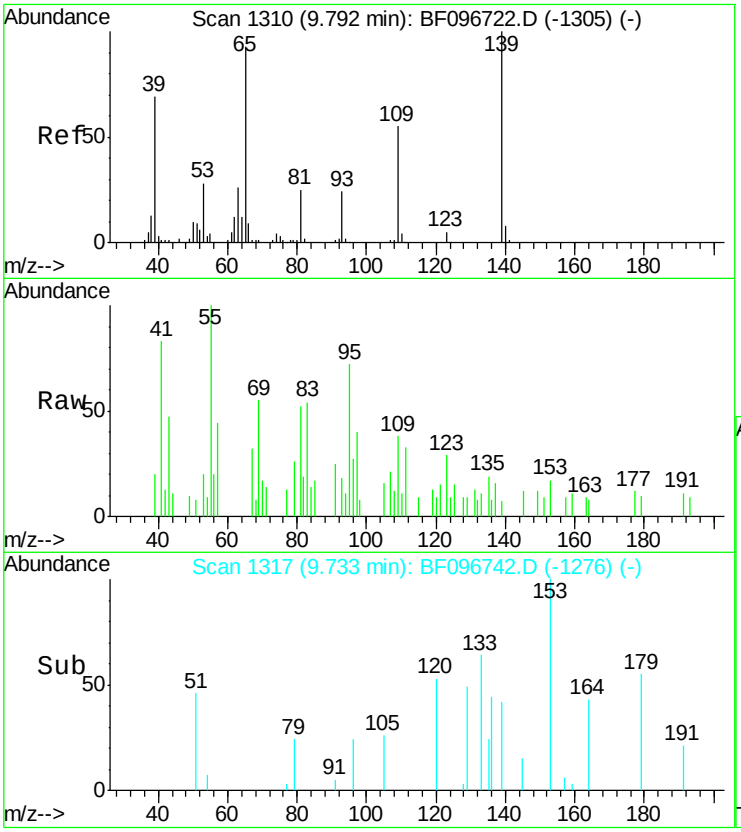


#54
Dibenzofuran
Concen: 0.23 ng
RT: 9.87 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:168 Resp: 3151

Ion	Ratio	Lower	Upper
168	100		
139	42.4	30.6	45.8
169	16.7	10.8	16.2#



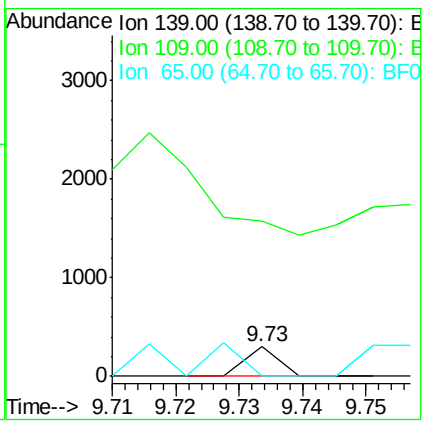


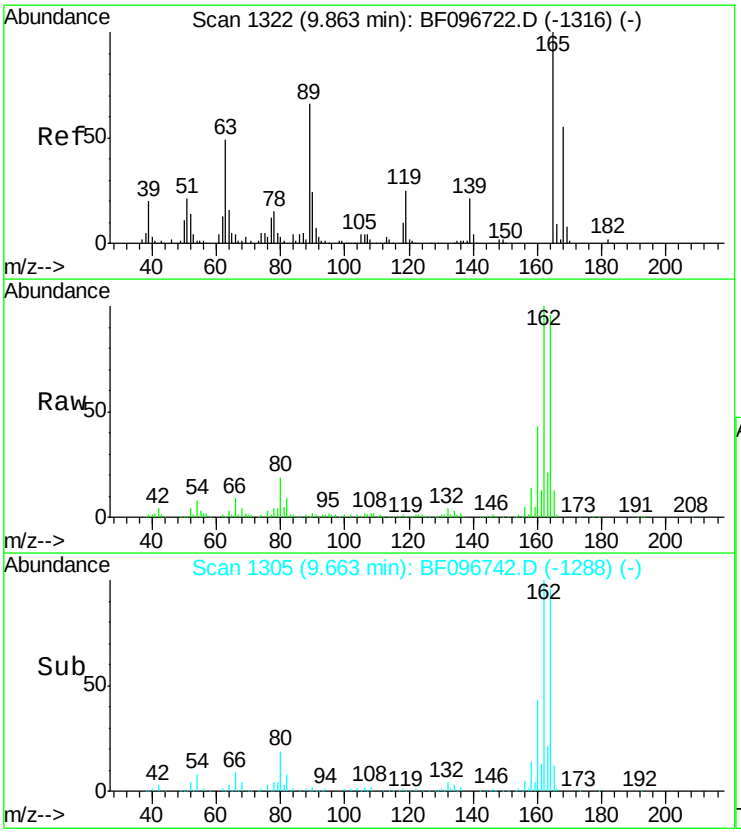
#55
4-Nitrophenol
Concen: 0.05 ng
RT: 9.73 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:139 Resp: 107

Ion	Ratio	Lower	Upper
139	100		
109	522.5	34.1	74.1#
65	0.0	31.4	71.4#

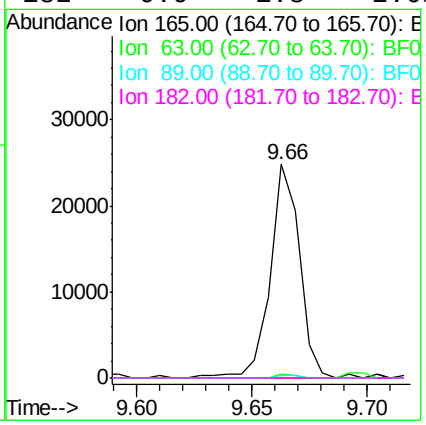


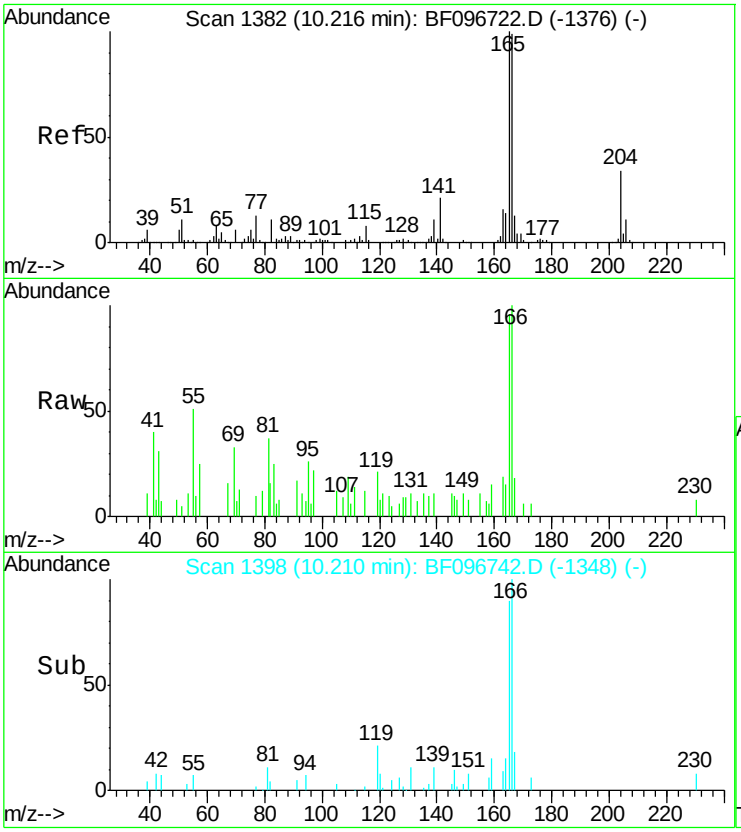


#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:165 Resp: 21784

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



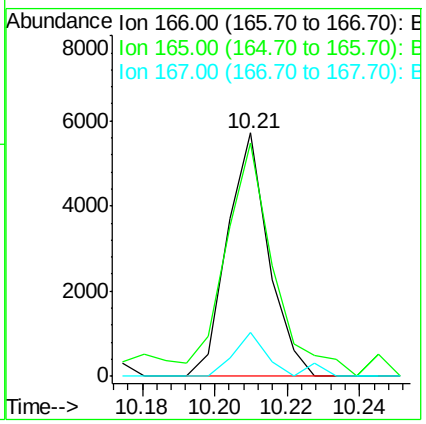


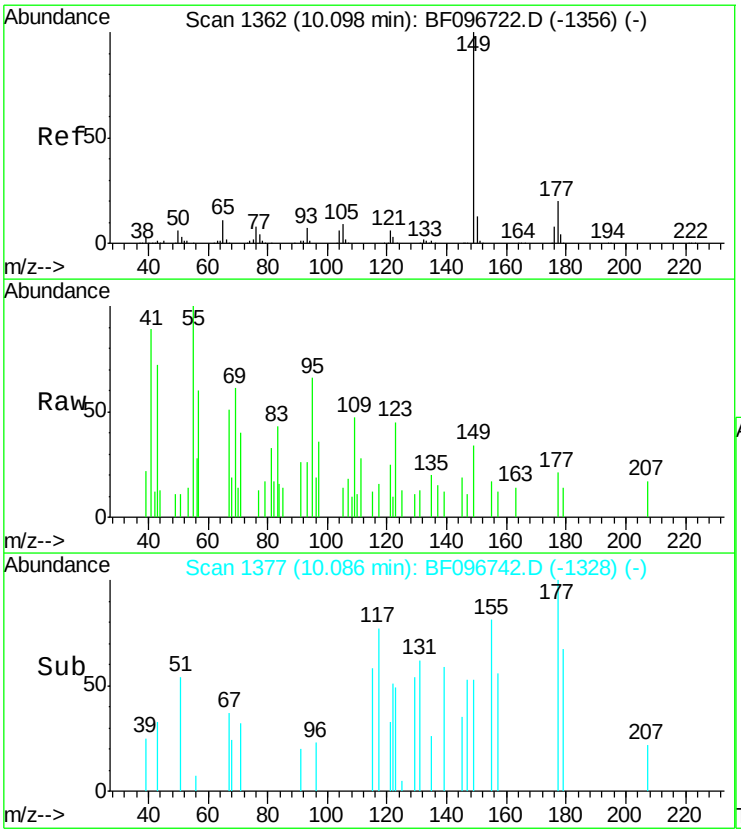
#57
Fluorene
Concen: 0.45 ng
RT: 10.21 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:166 Resp: 4518

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.8	118.2
167	18.0	10.6	16.0#

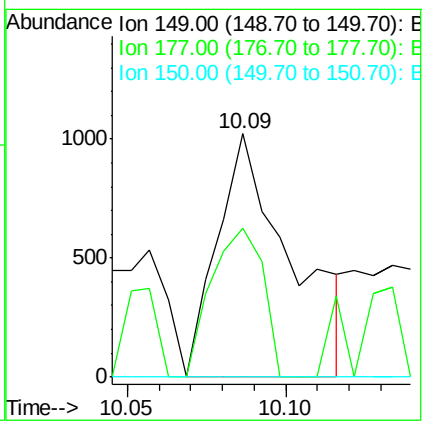


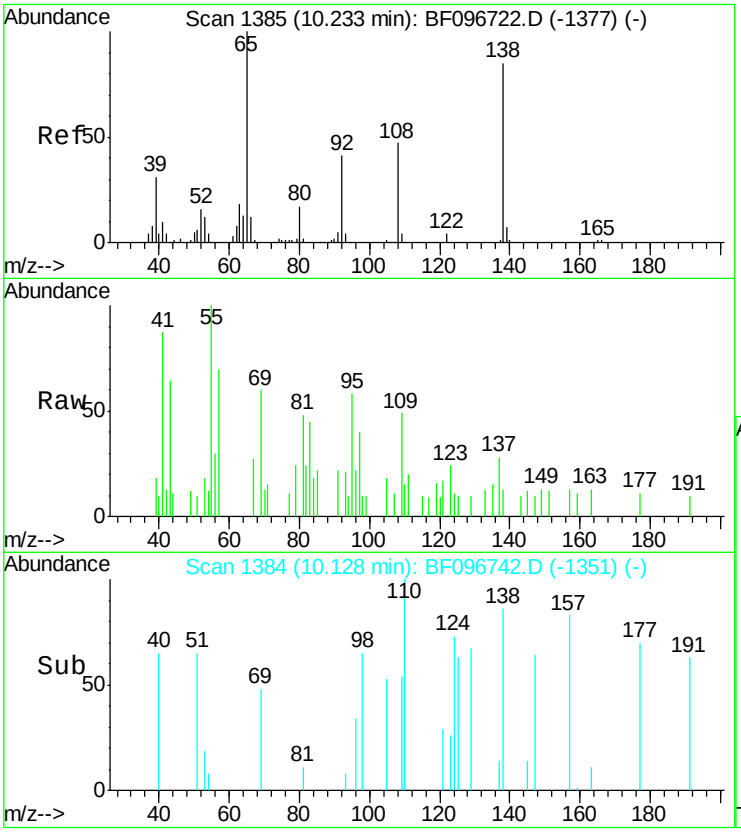


#59
Diethylphthalate
Concen: 0.14 ng
RT: 10.09 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:149 Resp: 1638

Ion	Ratio	Lower	Upper
149	100		
177	61.2	16.7	25.1#
150	0.0	10.2	15.2#



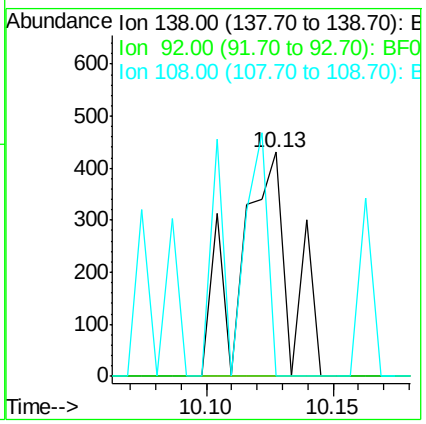


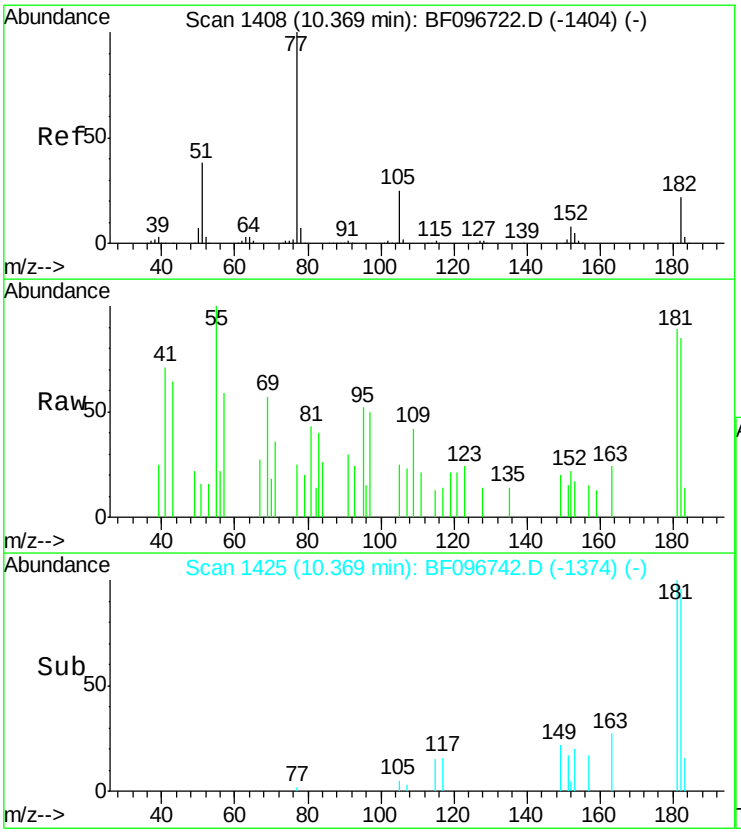
#61
4-Nitroaniline
Concen: 0.20 ng
RT: 10.13 min Scan# 1384
Delta R.T. -0.11 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:138 Resp: 605

Ion	Ratio	Lower	Upper
138	100		
92	0.0	21.8	61.8#
108	0.0	42.3	82.3#

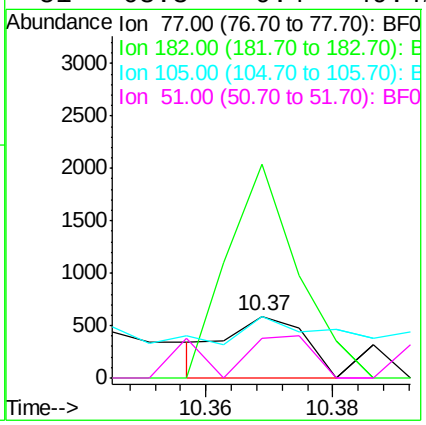


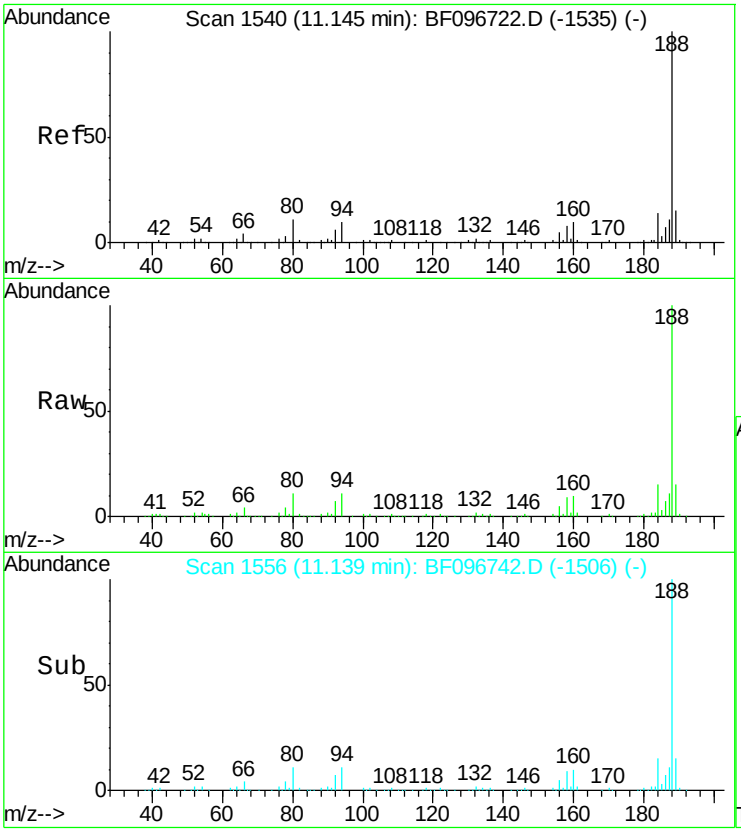


#62
Azobenzene
Concen: 0.05 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion: 77 Resp: 503

Ion	Ratio	Lower	Upper
77	100		
182	346.0	0.1	40.1#
105	100.0	3.6	43.6#
51	63.3	9.4	49.4#



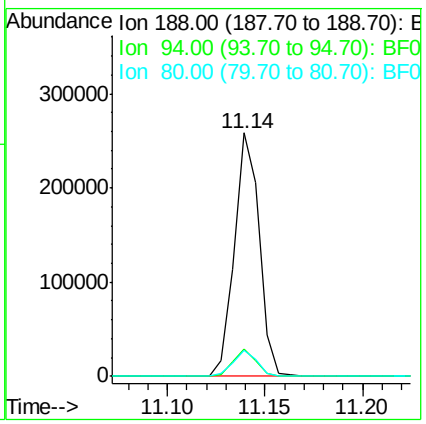


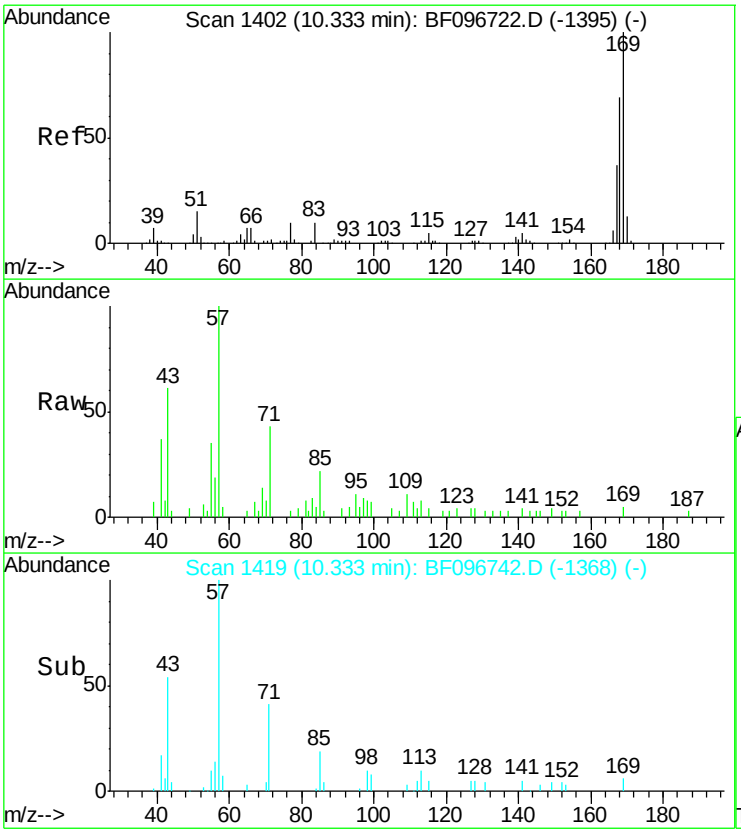
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:188 Resp: 228075

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	10.7	10.2	15.2

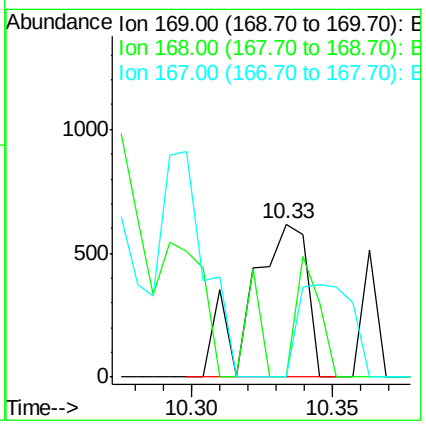


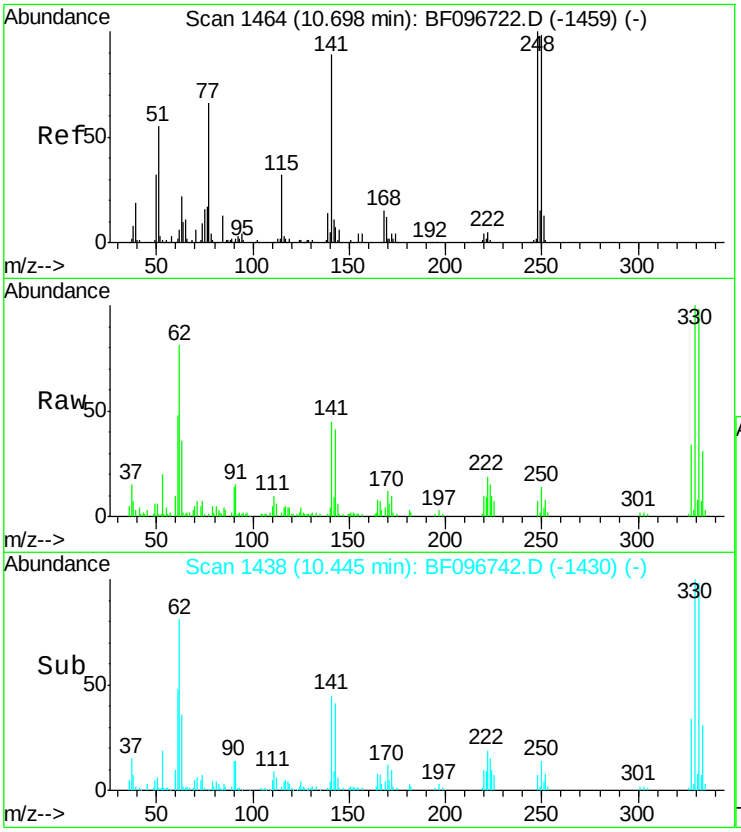


#65
n-Nitrosodiphenylamine
Concen: 0.11 ng
RT: 10.33 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:169 Resp: 858

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	0.0	29.5	44.3#



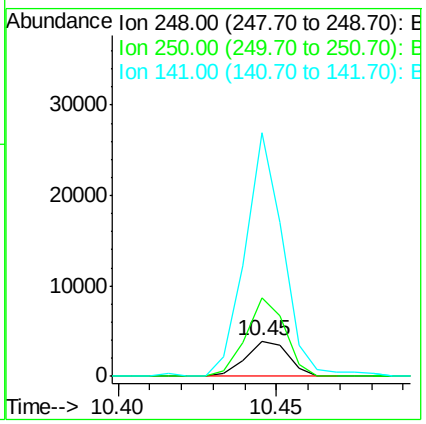


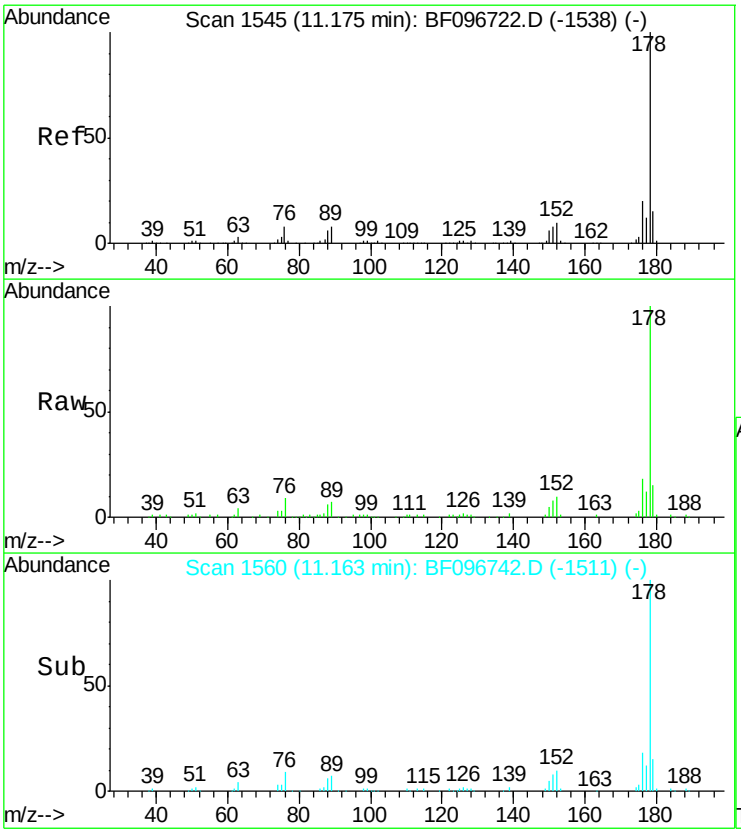
#66
4-Bromophenyl-phenylether
Concen: 1.57 ng
RT: 10.45 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:248 Resp: 3652

Ion	Ratio	Lower	Upper
248	100		
250	221.3	76.8	115.2#
141	684.2	68.6	103.0#

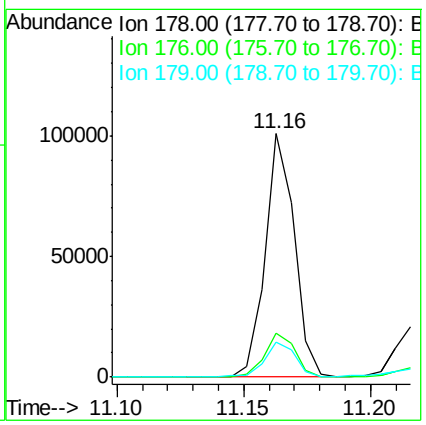


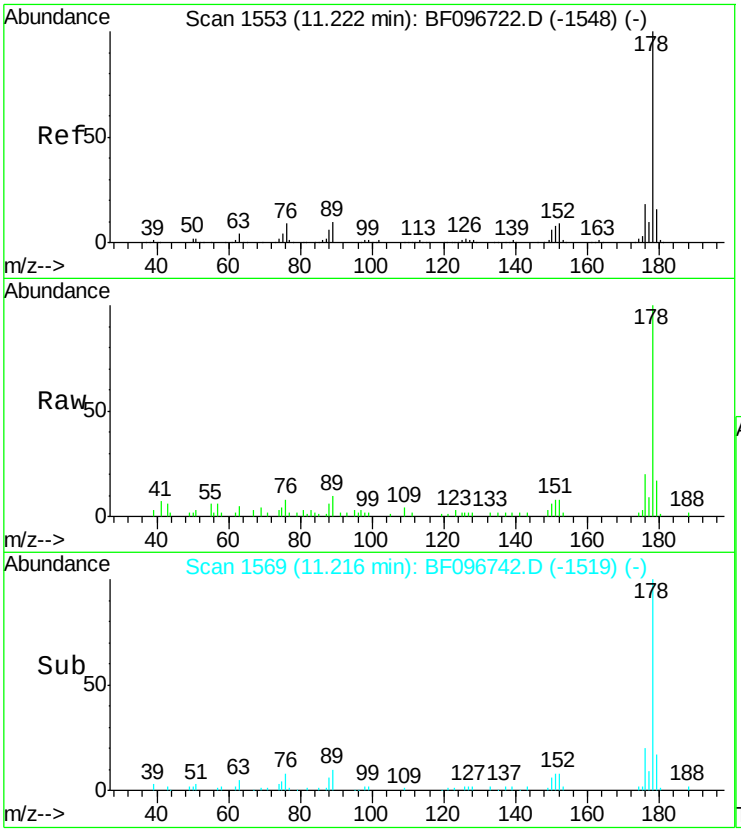


#70
Phenanthrene
Concen: 6.59 ng
RT: 11.16 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:178 Resp: 81704

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	14.6	12.6	19.0



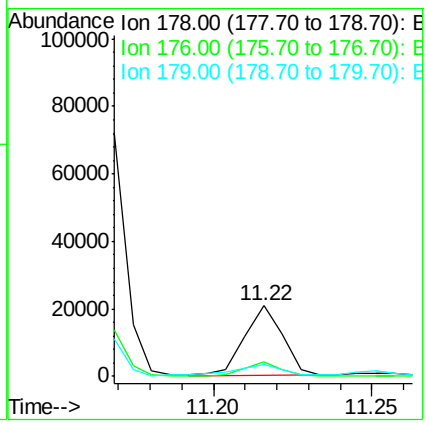


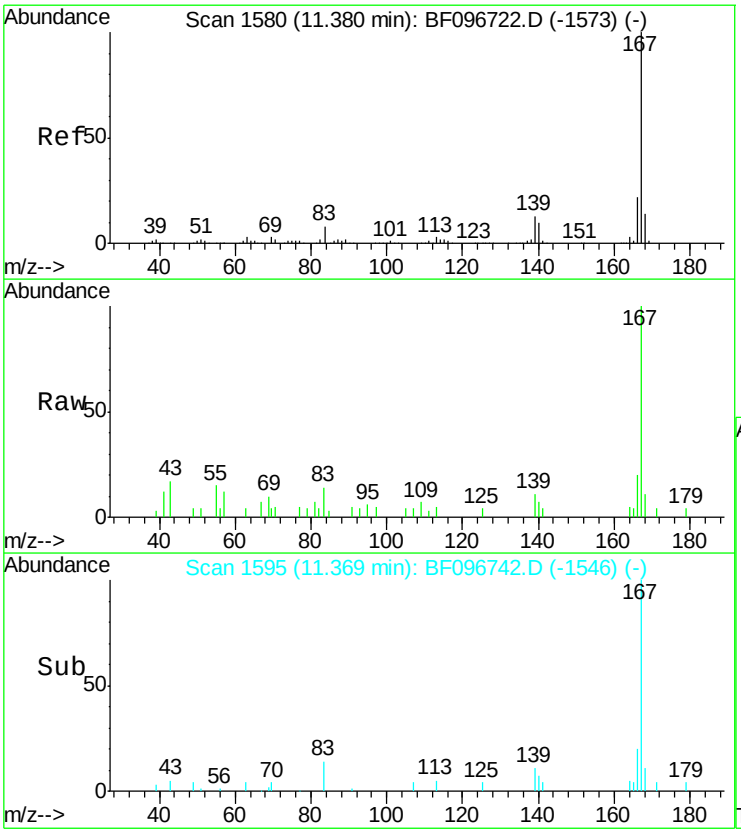
#71
Anthracene
Concen: 1.37 ng
RT: 11.22 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:178 Resp: 17141

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.8	12.7	19.1

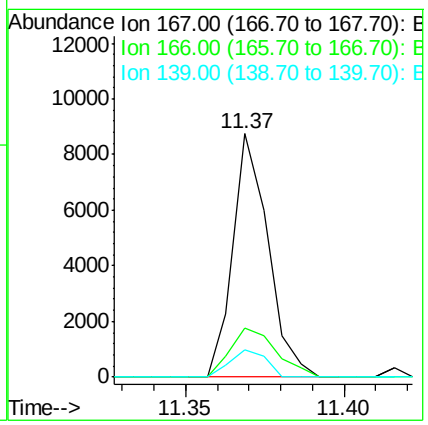


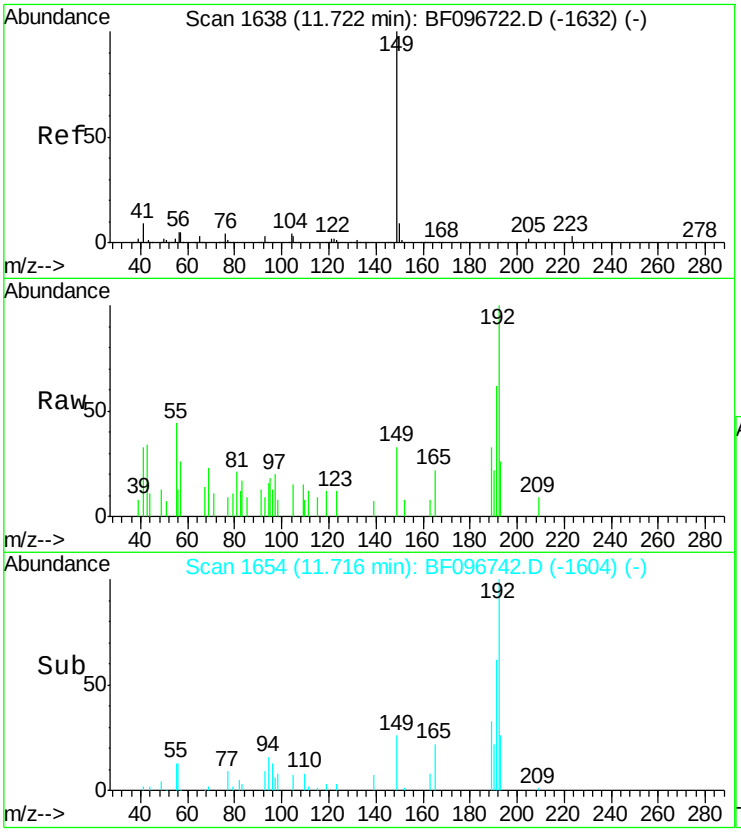


#72
Carbazole
Concen: 0.55 ng
RT: 11.37 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:167 Resp: 6707

Ion	Ratio	Lower	Upper
167	100		
166	20.1	18.1	27.1
139	11.1	11.7	17.5#



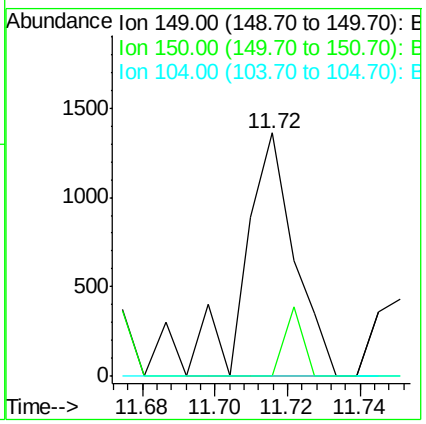


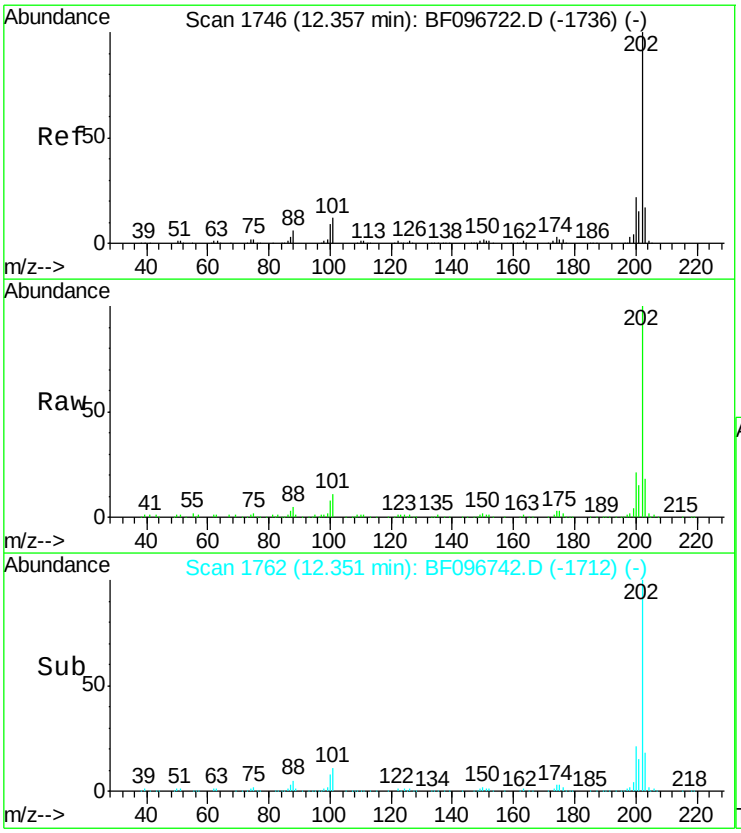
#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 11.72 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:149 Resp: 1286

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.0	6.0#

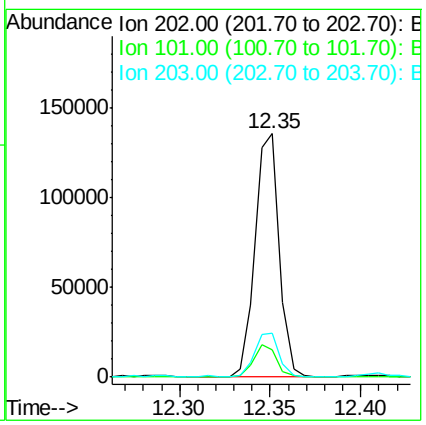


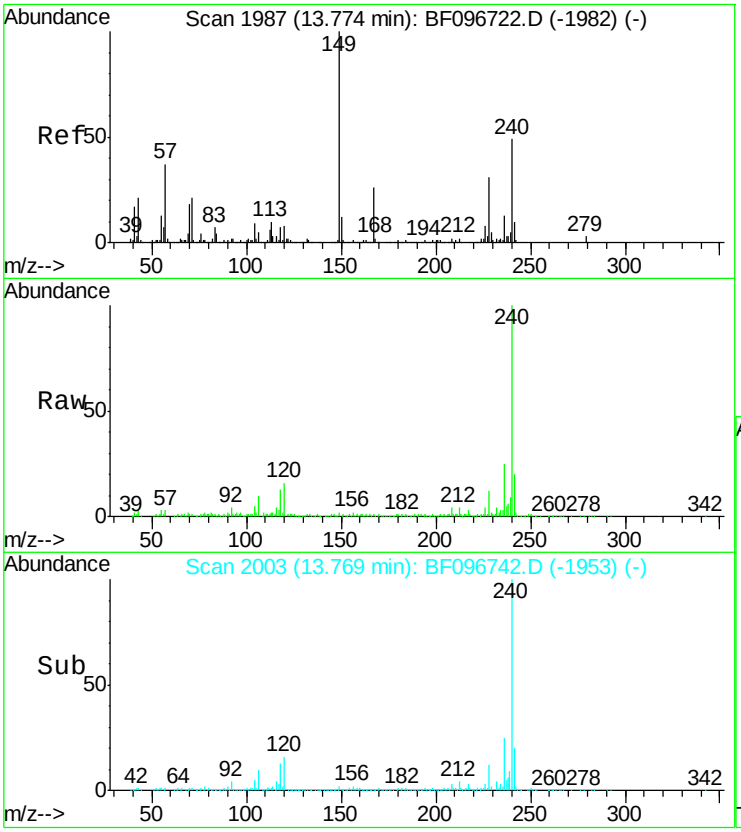


#74
Fluoranthene
Concen: 10.67 ng
RT: 12.35 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:202 Resp: 126682

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.2
203	18.0	0.0	38.1



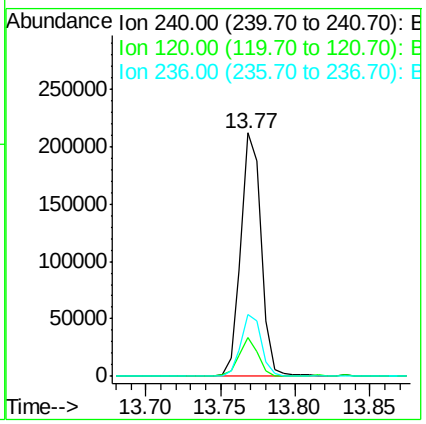


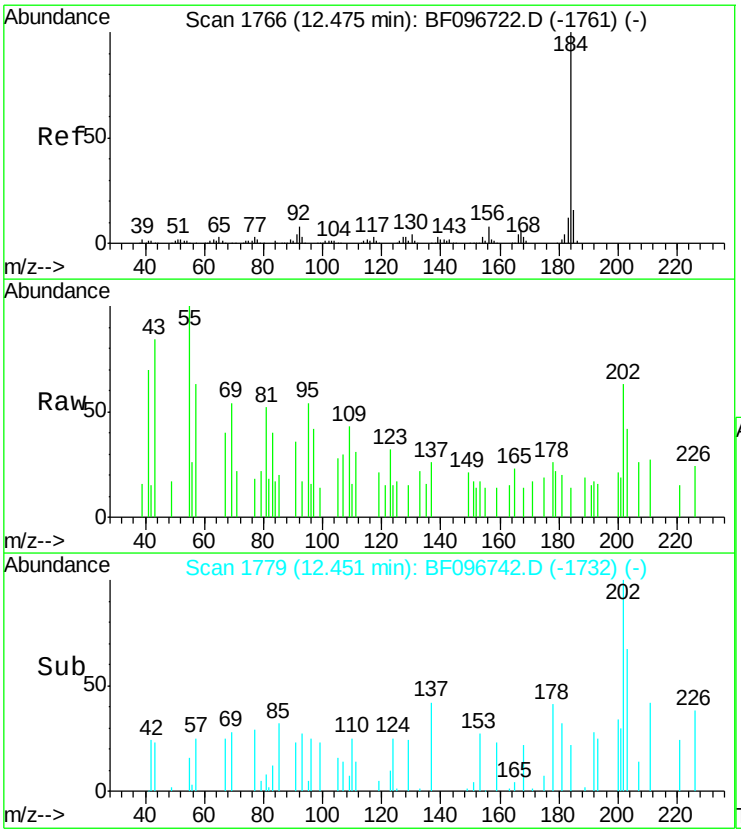
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:240 Resp: 201912

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.2	20.5	30.7

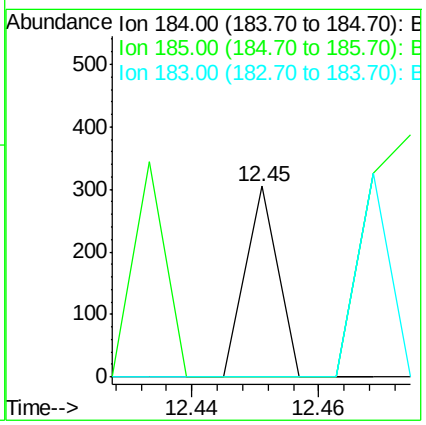


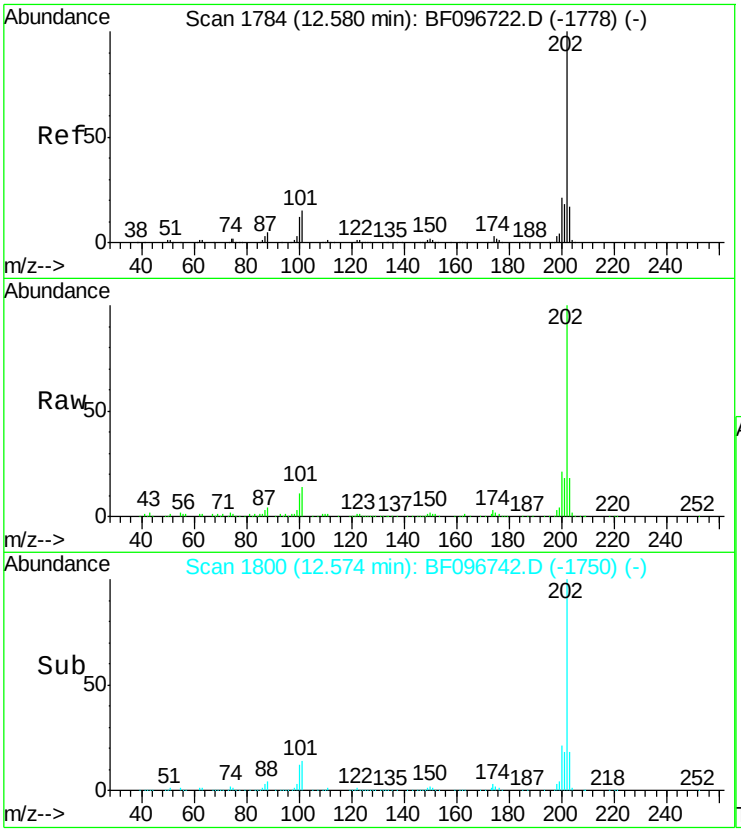


#76
Benzidine
Concen: 0.02 ng
RT: 12.45 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	0.0	9.8	14.6#



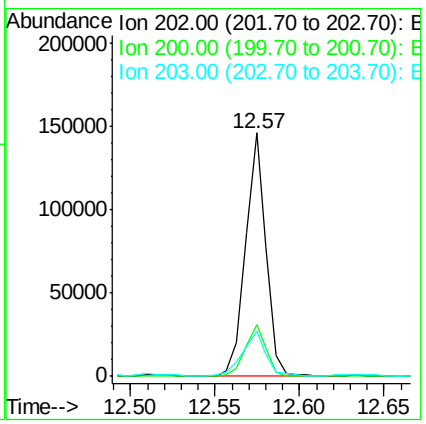


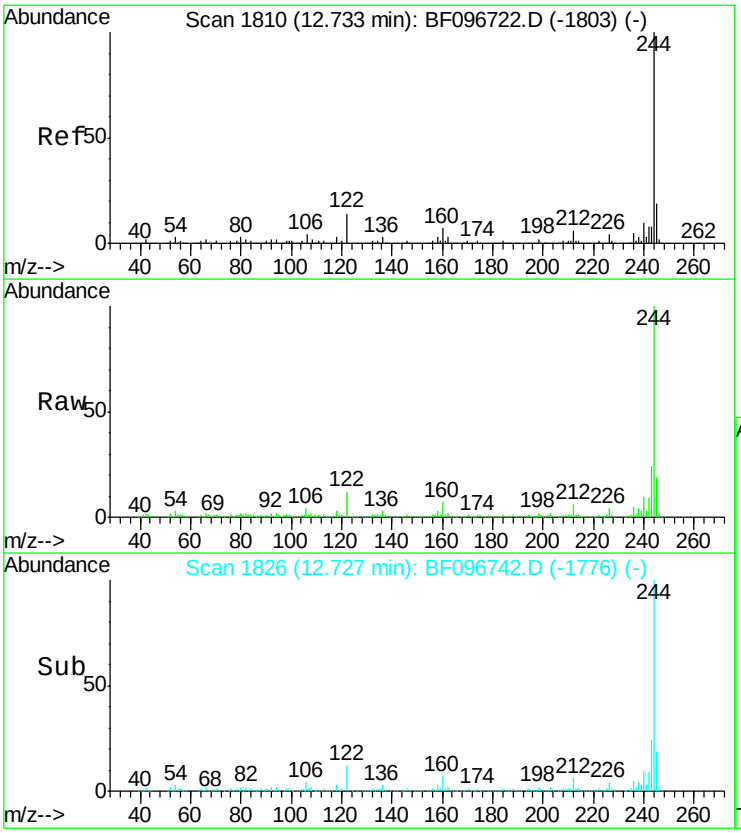
#77
Pyrene
Concen: 6.79 ng
RT: 12.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:202 Resp: 124466

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.3	14.4	21.6

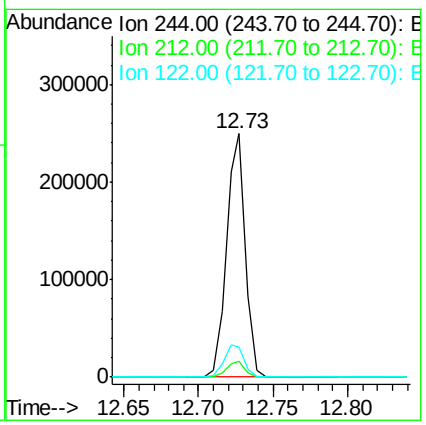


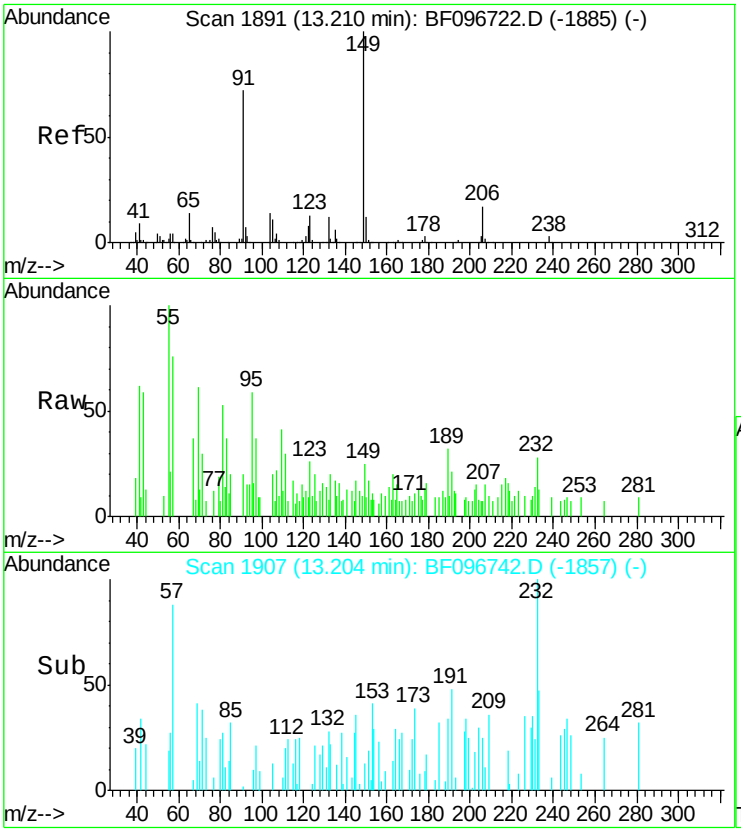


#78
Terphenyl-d14
Concen: 19.04 ng
RT: 12.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:244 Resp: 221660

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	12.4	10.3	15.5



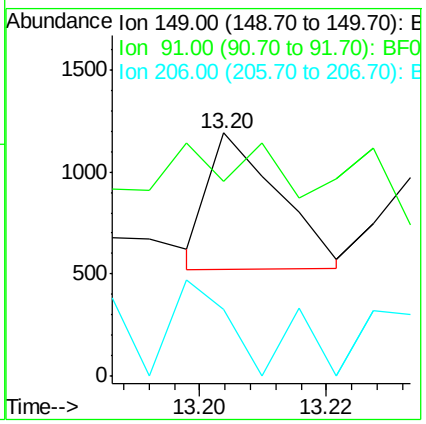


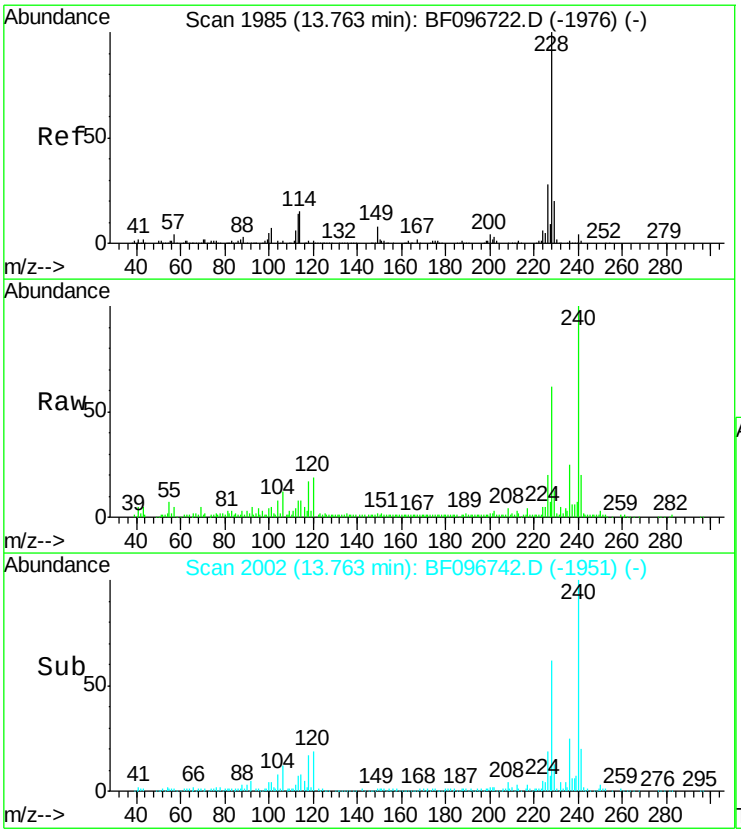
#79
Butylbenzylphthalate
Concen: 0.12 ng
RT: 13.20 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:149 Resp: 509

Ion	Ratio	Lower	Upper
149	100		
91	80.2	45.0	67.4#
206	27.3	17.0	25.6#

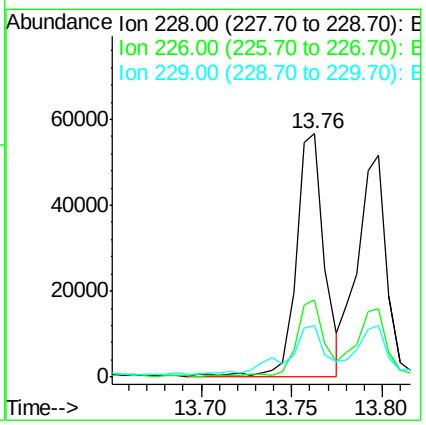


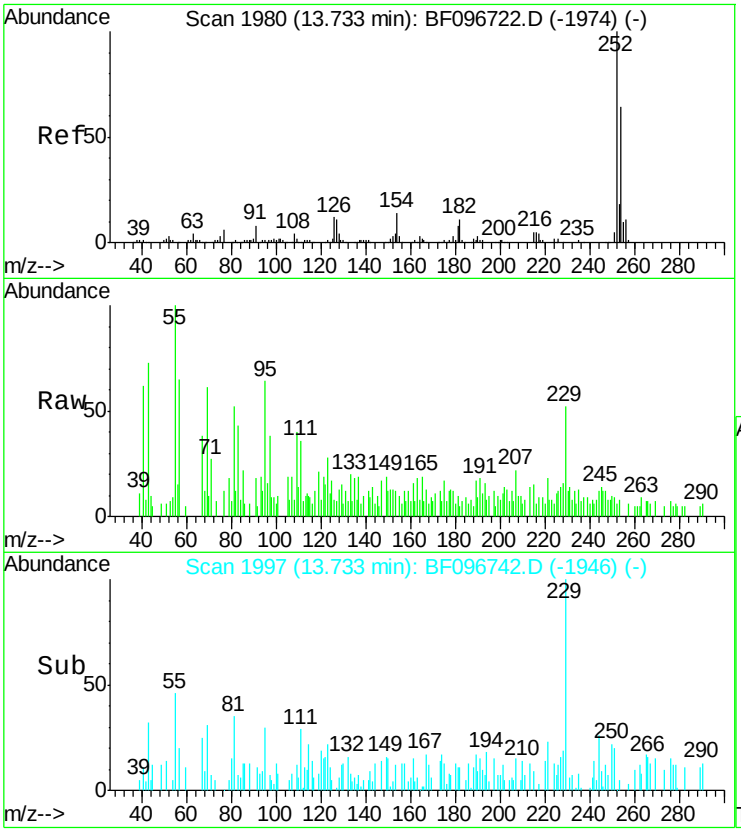


#80
Benzo(a)anthracene
Concen: 4.94 ng
RT: 13.76 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:228 Resp: 62150

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	21.2	16.3	24.5



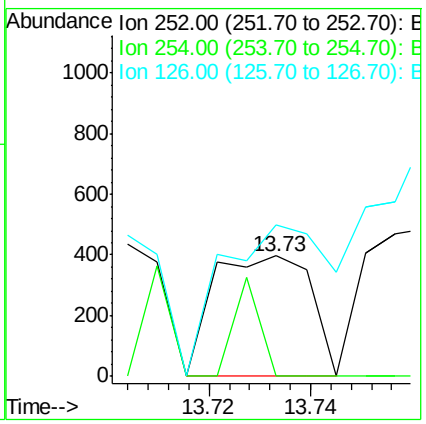


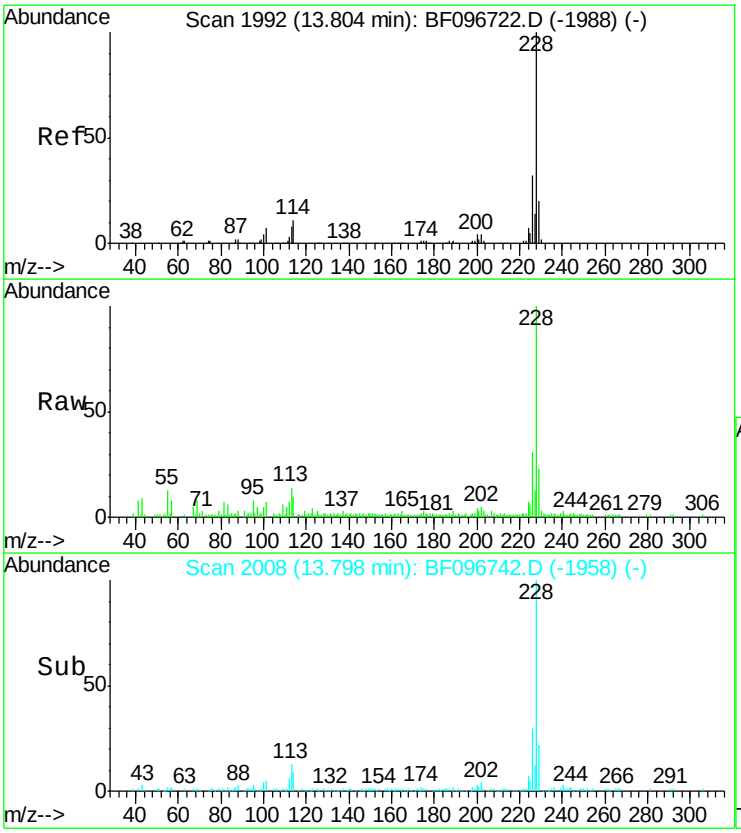
#81
3,3'-Dichlorobenzidine
Concen: 0.12 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:252 Resp: 524

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.5	77.3#
126	125.2	15.8	23.8#

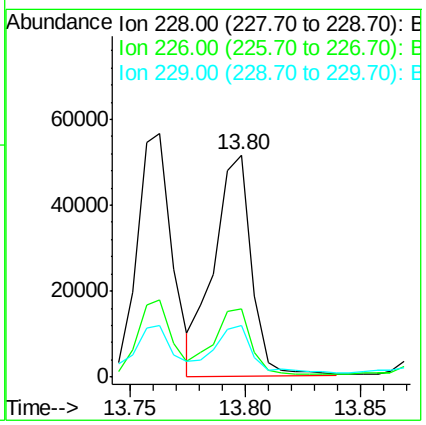


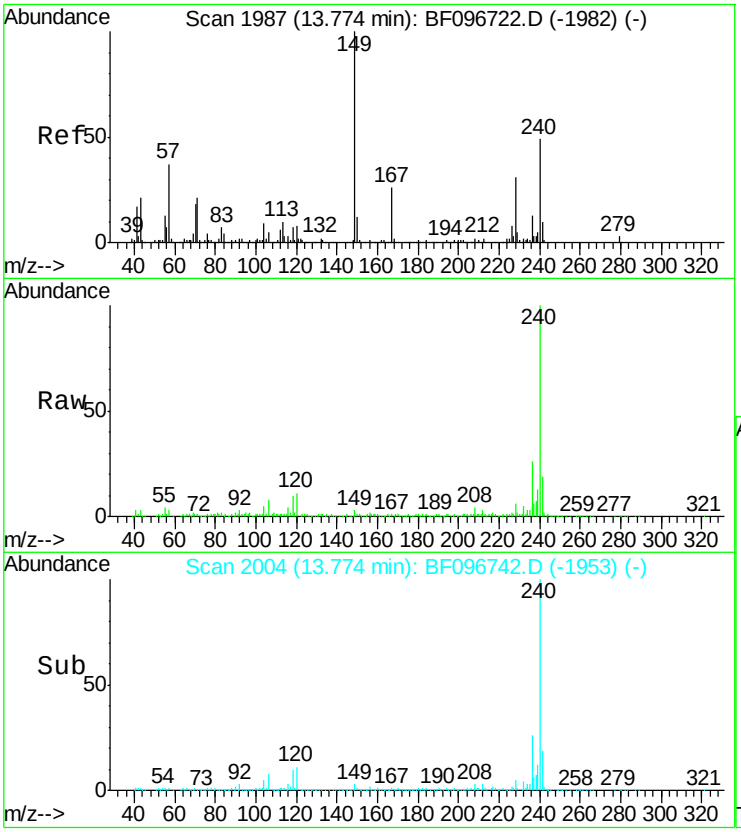


#82
Chrysene
Concen: 4.70 ng
RT: 13.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:228 Resp: 58226

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	23.4	15.8	23.6



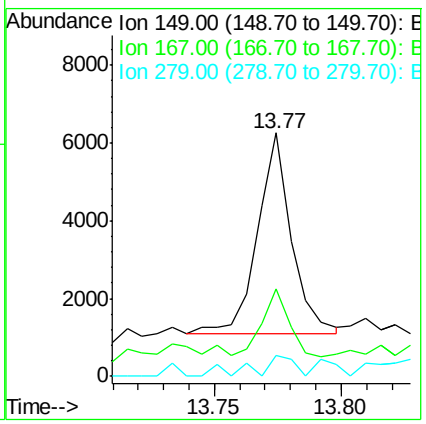


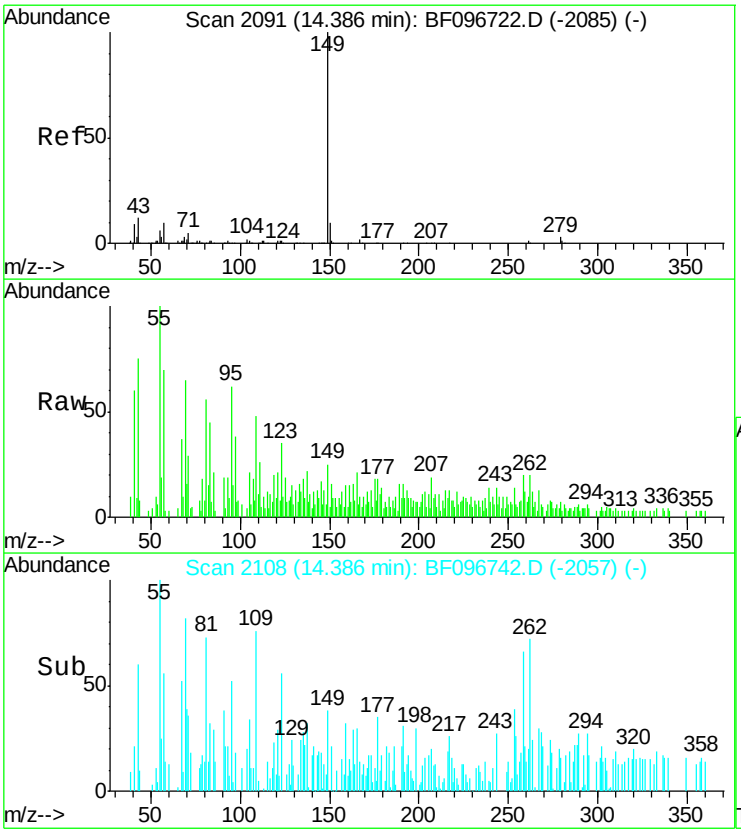
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 13.77 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:149 Resp: 4890

Ion	Ratio	Lower	Upper
149	100		
167	35.8	21.0	31.4#
279	8.6	1.9	2.9#

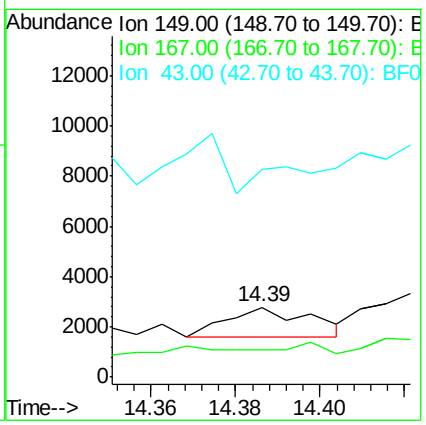


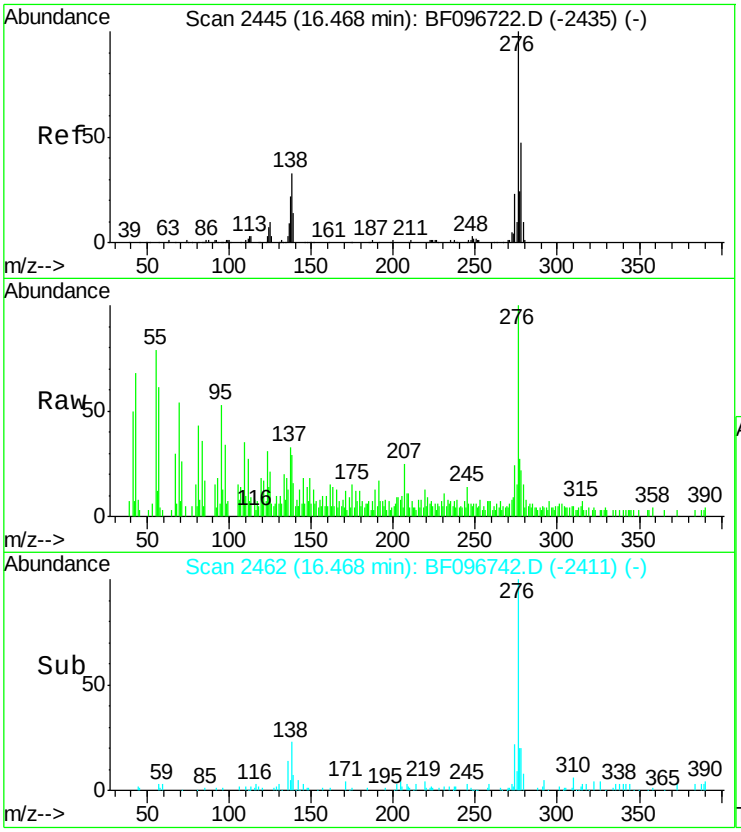


#84
Di-n-octyl phthalate
Concen: 0.09 ng
RT: 14.39 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:149 Resp: 1611

Ion	Ratio	Lower	Upper
149	100		
167	21.5	1.2	1.8#
43	0.0	8.5	12.7#



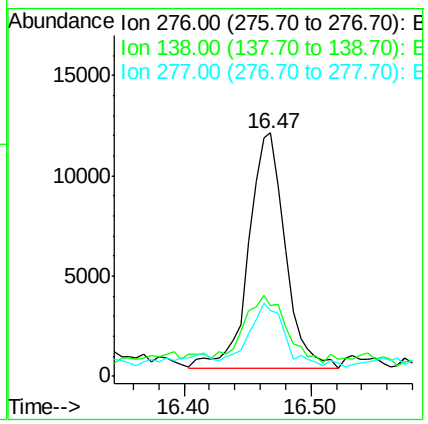


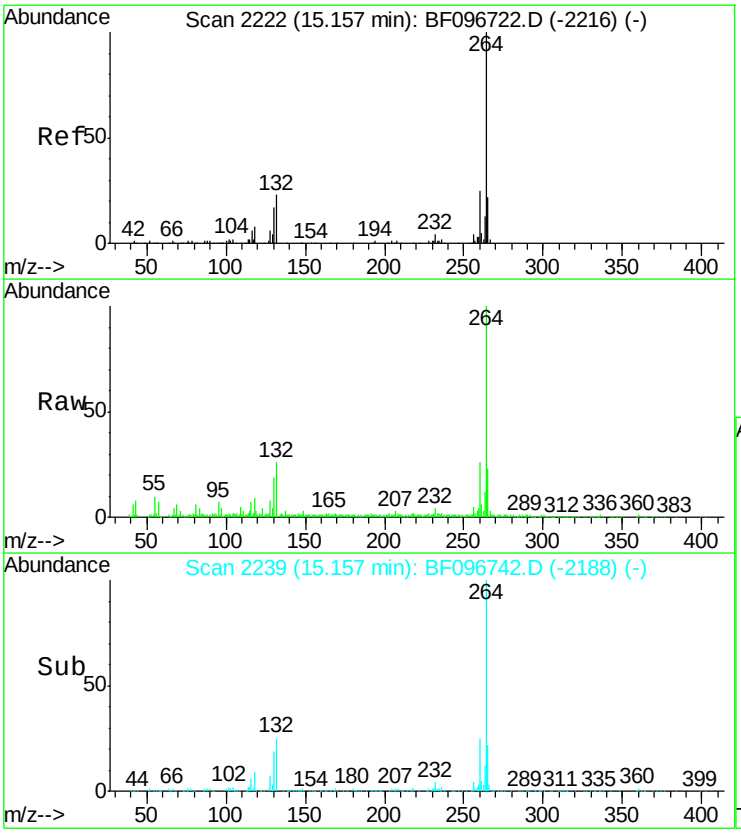
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.30 ng
RT: 16.47 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:276 Resp: 23513

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.5	20.2	30.4

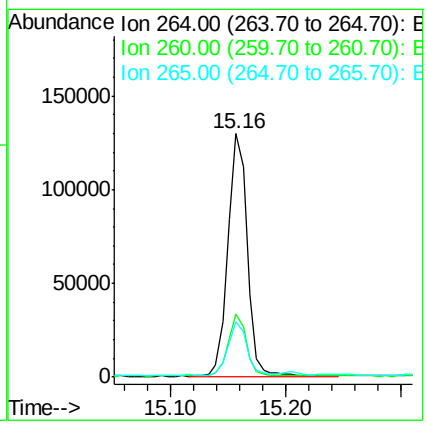


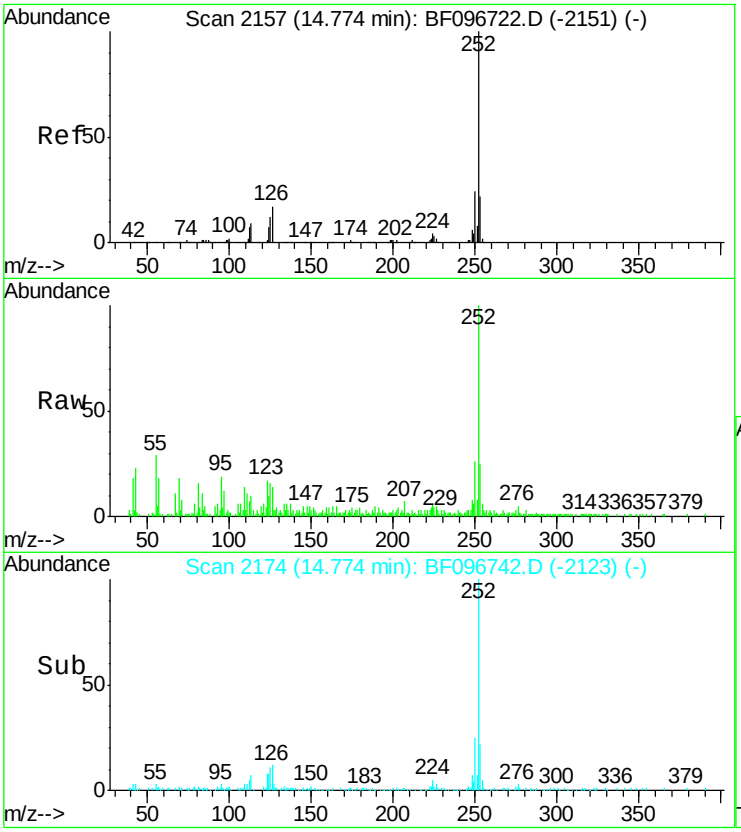


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:264 Resp: 150219

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	22.7	17.2	25.8



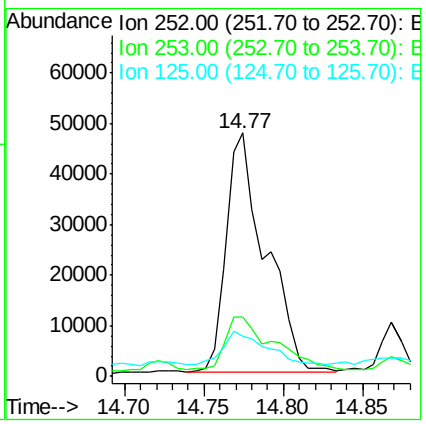


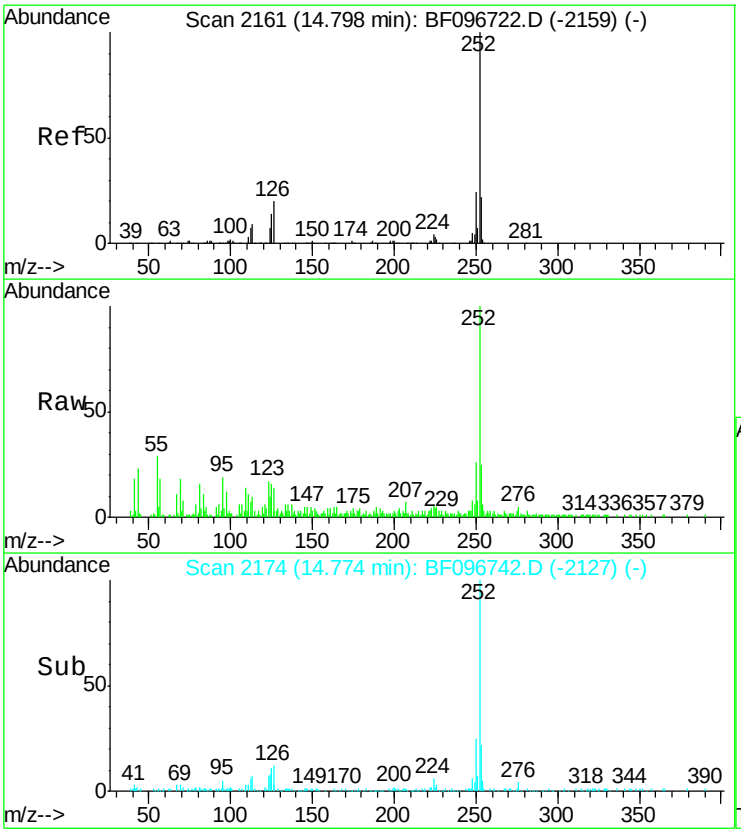
#87
Benzo(b)fluoranthene
Concen: 8.96 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:252 Resp: 81157

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	16.4	9.8	14.8#

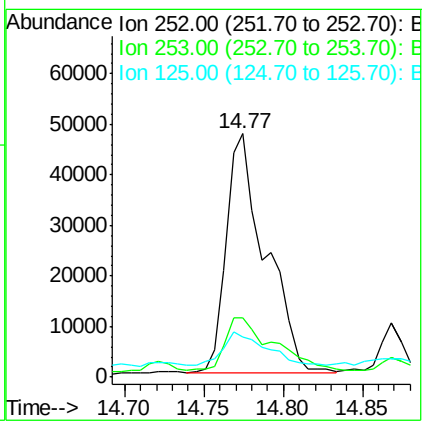


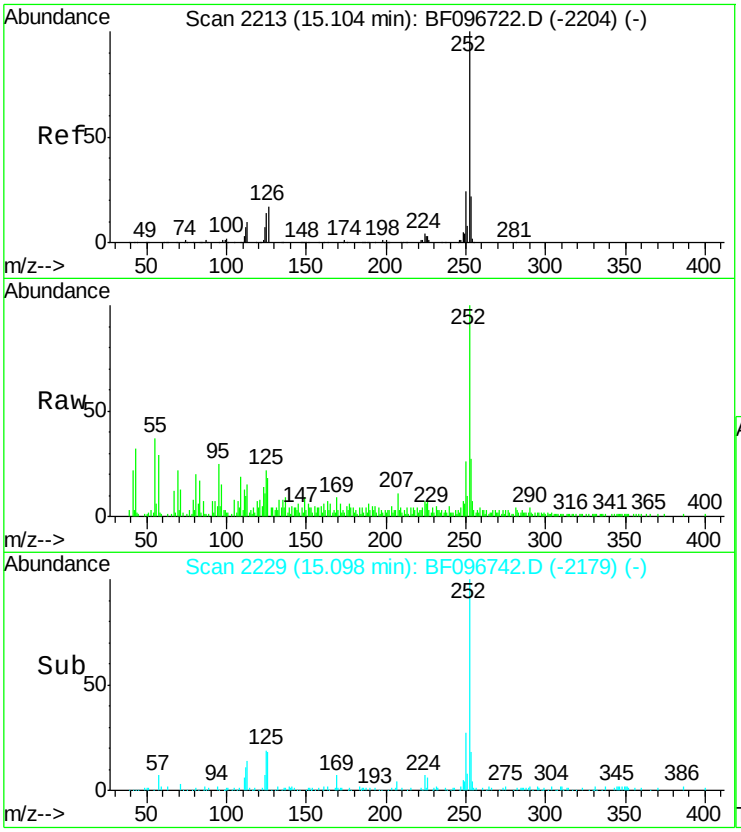


#88
Benzo(k)fluoranthene
Concen: 9.46 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:252 Resp: 81157

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	16.4	13.1	19.7



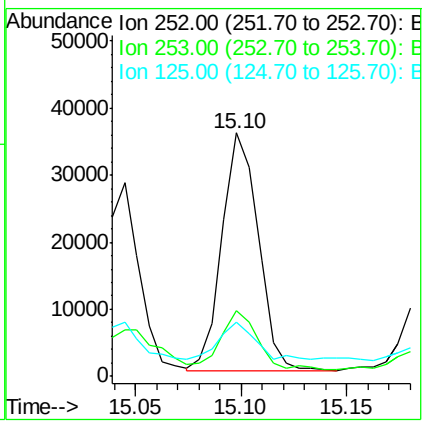


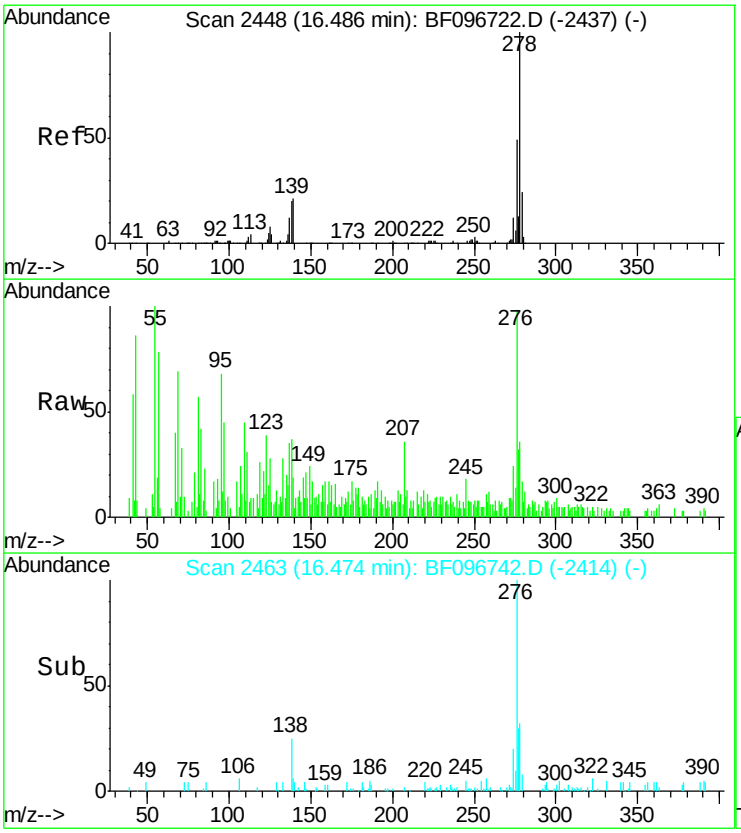
#89
Benzo(a)pyrene
Concen: 5.07 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:252 Resp: 42150

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	22.4	11.0	16.4#

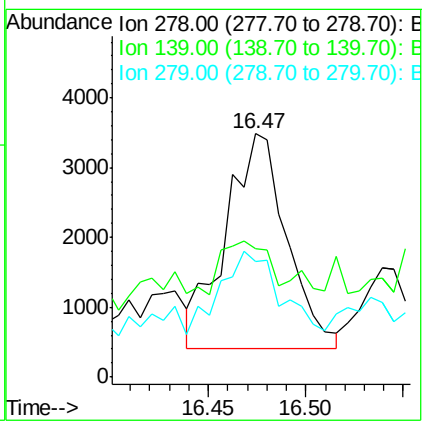


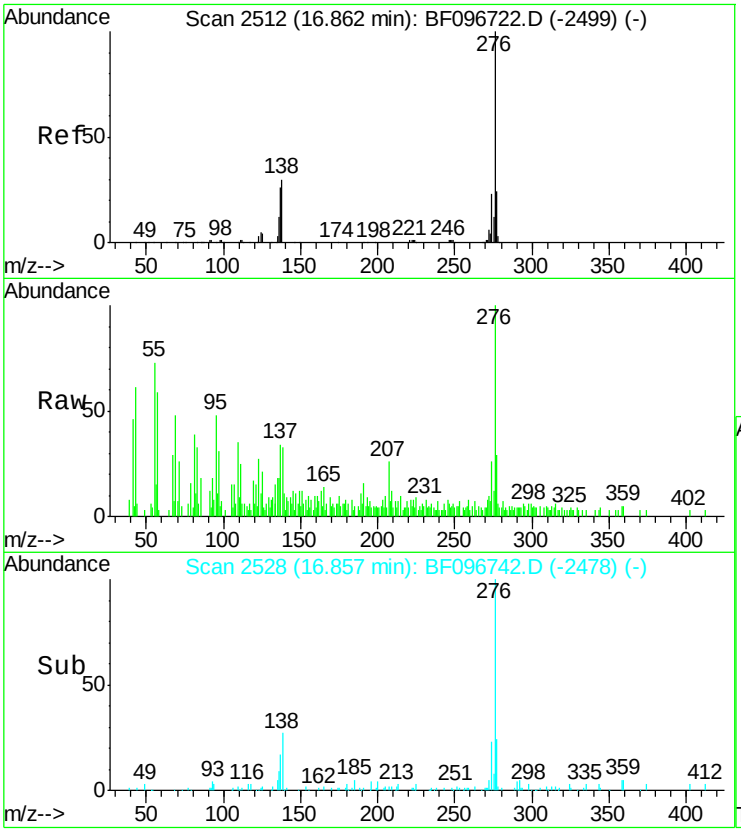


#90
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 16.47 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Tgt Ion:278 Resp: 6723

Ion	Ratio	Lower	Upper
278	100		
139	52.8	16.6	24.8#
279	47.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 2.72 ng
RT: 16.86 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF096742.D
Acq: 13 Jul 2017 22:06

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion:276 Resp: 22265

Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.6	28.0#
138	33.4	25.4	38.0