Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
Data File : BF096750.D
Acq On : 14 Jul 2017 1:50
Operator : SJ/JU
Sample : I4163-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-071217

Quant Time: Jul 14 04:50:01 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	6.79	152	244230	20.00	ng		0.16
21) Naphthalene-d8	8.28	136	110	20.00	ng		0.36
38) Acenaphthene-d10	10.12	164	741	20.00	ng		0.45
63) Phenanthrene-d10	11.67	188	1848	20.00	ng		0.53
75) Chrysene-d12	14.42	240	562	20.00	ng		0.64
86) Perylene-d12	15.90	264	947	20.00	ng		0.75
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	670719	41.29	ng		0.01
7) Phenol-d6	6.28	99	767763	39.39	ng		0.00
23) Nitrobenzene-d5	7.51	82	222	125.01	ng		0.31
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.49	172	130	2.77	ng		0.49
78) Terphenyl-d14	13.30	244	2086	64.37	ng		0.56
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	56525	4.81	ng	#	89
22) Acetophenone	7.35	105	514	209.07	ng	#	39
24) Nitrobenzene	7.52	77	111	60.43	ng	#	39
25) Isophorone	7.80	82	117	35.42	ng	#	1
27) 2,4-Dimethylphenol	7.67	122	115	68.45	ng	#	5
28) bis(2-Chloroethoxy)methane	8.03	93	129	57.79	ng	#	1
29) 2,4-Dichlorophenol	8.10	162	271	178.19	ng	#	26
31) Naphthalene	8.31	128	172	33.01	ng	#	68
35) Caprolactam	8.73	113	343	703.88	ng	#	45
36) 4-Chloro-3-methylphenol	8.87	107	376	229.93	ng	#	14
37) 2-Methylnaphthalene	8.73	142	15164	4564.52	ng		99
45) 1,1'-Biphenyl	9.40	154	3974	62.53	ng	#	55
46) 2-Chloronaphthalene	9.39	162	1805	38.57	ng	#	1
47) 2-Nitroaniline	9.66	65	248	15.42	ng	#	7
48) Acenaphthylene	9.99	152	2745	36.82	ng	#	1
49) Dimethylphthalate	9.86	163	162	2.90	ng	#	76
50) 2,6-Dinitrotoluene	9.91	165	773	63.96	ng	#	35
51) Acenaphthene	10.16	154	666	15.12	ng	#	31
52) 3-Nitroaniline	10.13	138	118	8.24	ng	#	1
53) 2,4-Dinitrophenol	10.20	184	277	49.13	ng	#	4
54) Dibenzofuran	10.35	168	1357	21.98	ng	#	41
55) 4-Nitrophenol	10.28	139	762	72.85	ng	#	71
56) 2,4-Dinitrotoluene	10.32	165	2037	131.17	ng	#	31
57) Fluorene	10.69	166	520	11.40	ng	#	11
59) Diethylphthalate	10.56	149	225	4.14	ng	#	60
60) 4-Chlorophenyl-phenylether	10.73	204	134	5.17	ng	#	37
61) 4-Nitroaniline	10.70	138	136	10.12	ng	#	25
62) Azobenzene	10.84	77	336	7.01	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.81	198	635	54.73	ng		86
65) n-Nitrosodiphenylamine	10.82	169	2783	42.13	ng	#	4
68) Atrazine	11.45	200	677	35.97	ng	#	36
70) Phenanthrene	11.73	178	1089	10.84	ng	#	13
71) Anthracene	11.75	178	1113	10.96	ng	#	23
72) Carbazole	11.89	167	1385	14.08	ng	#	1

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
Data File : BF096750.D
Acq On : 14 Jul 2017 1:50
Operator : SJ/JU
Sample : I4163-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-071217

Quant Time: Jul 14 04:50:01 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)
73) Di-n-butylphthalate	12.28	149	382	3.12	ng	#	1
74) Fluoranthene	12.97	202	3194	33.21	ng	#	1
76) Benzidine	13.05	184	390	21.18	ng	#	1
77) Pyrene	13.13	202	967	18.96	ng	#	17
79) Butylbenzylphthalate	13.77	149	4325	356.94	ng		96
80) Benzo(a)anthracene	14.39	228	250	7.14	ng	#	1
81) 3,3'-Dichlorobenzidine	14.36	252	2672	212.20	ng	#	1
82) Chrysene	14.44	228	289	8.38	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.43	149	1308	44.32	ng	#	57
84) Di-n-octyl phthalate	15.04	149	1814	37.18	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.37	276	485	17.66	ng	#	1
87) Benzo(b)fluoranthene	15.56	252	801	14.02	ng	#	1
88) Benzo(k)fluoranthene	15.49	252	401	7.41	ng	#	1
89) Benzo(a)pyrene	15.86	252	454	8.67	ng	#	1
90) Dibenzo(a,h)anthracene	17.30	278	225	4.67	ng	#	1
91) Benzo(g,h,i)perylene	17.69	276	256	4.96	ng	#	1

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

Quantitation Report (Not Reviewed)

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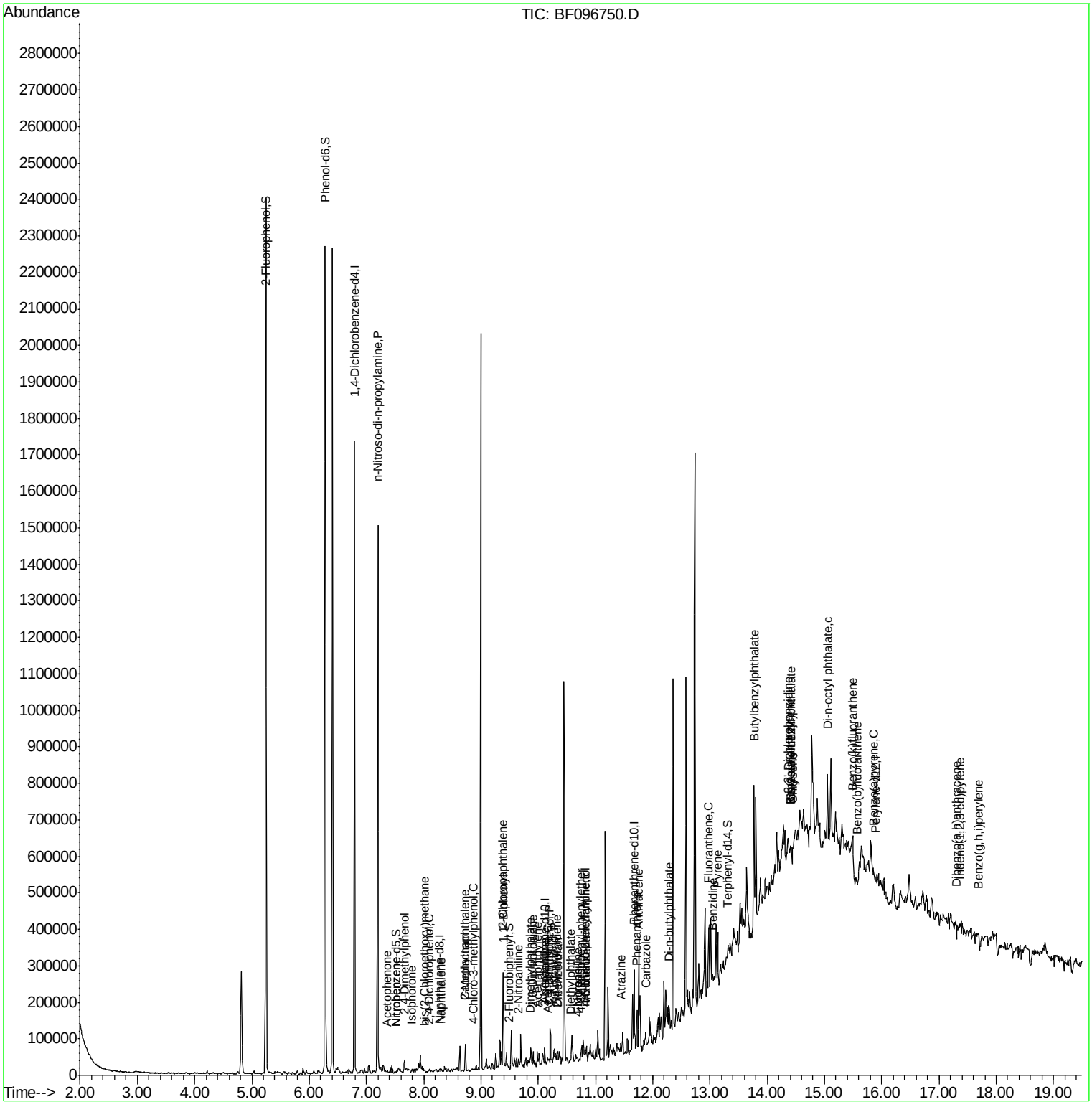
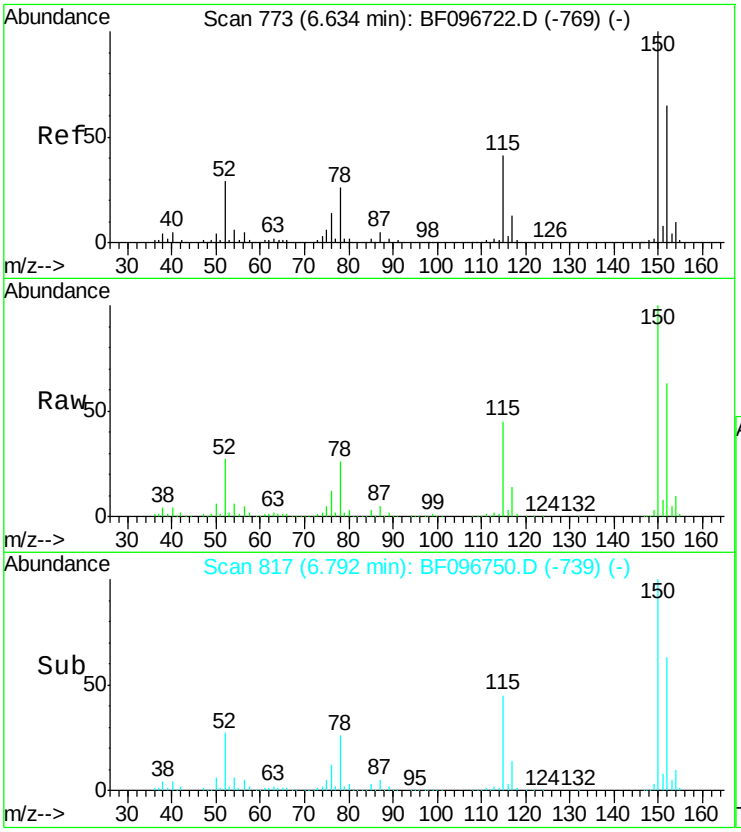


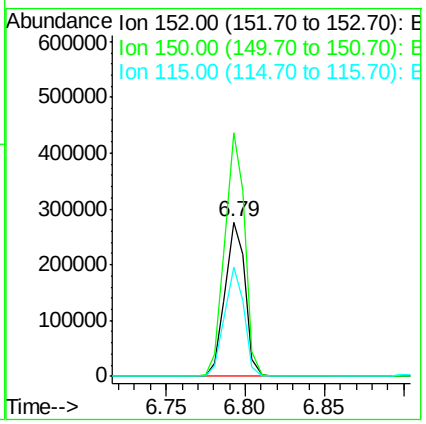


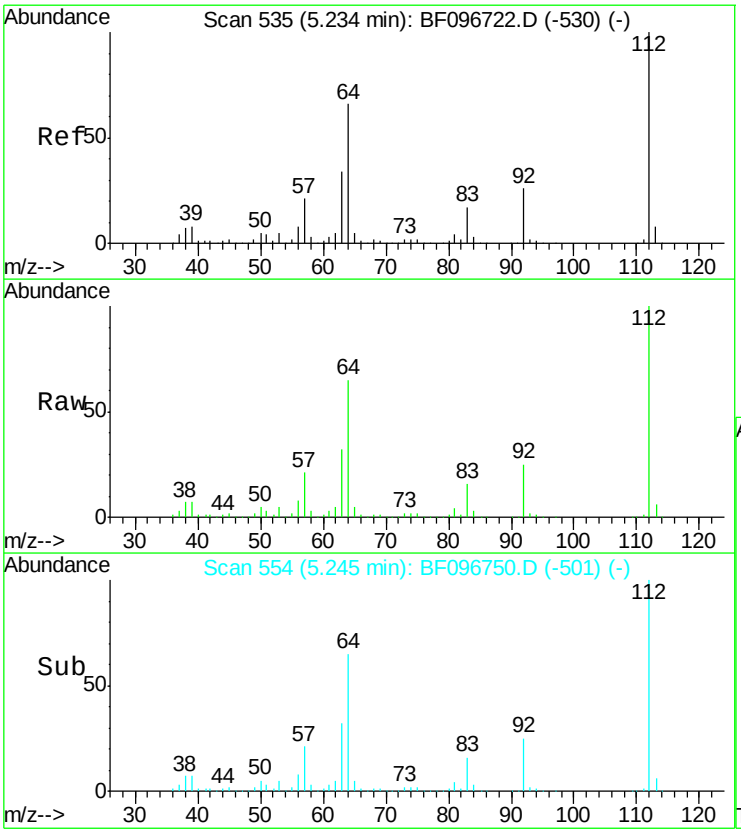
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 817
Delta R.T. 0.16 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:152 Resp: 244230

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	70.7	52.2	78.2

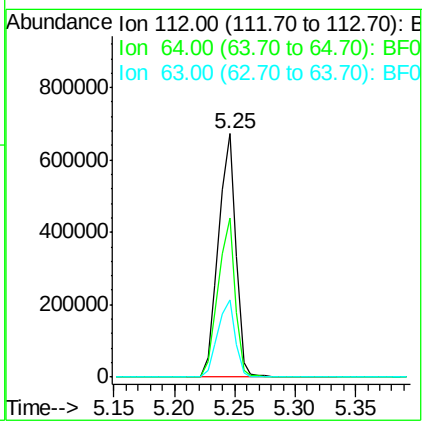


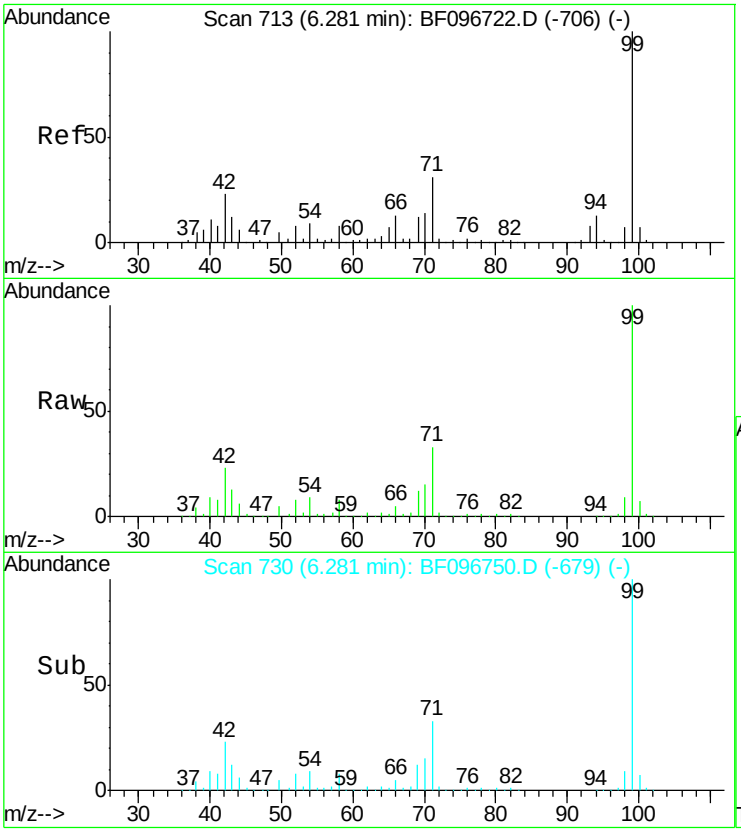


#5
2-Fluorophenol
Concen: 41.29 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:112 Resp: 670719

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	31.8	23.4	35.0



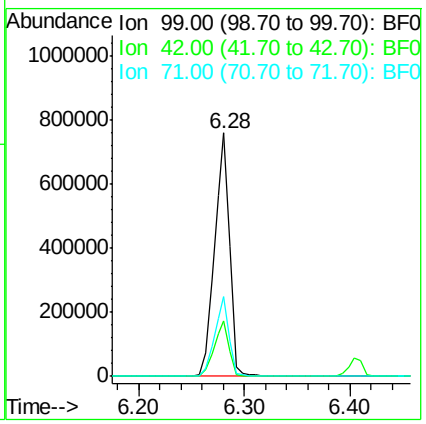


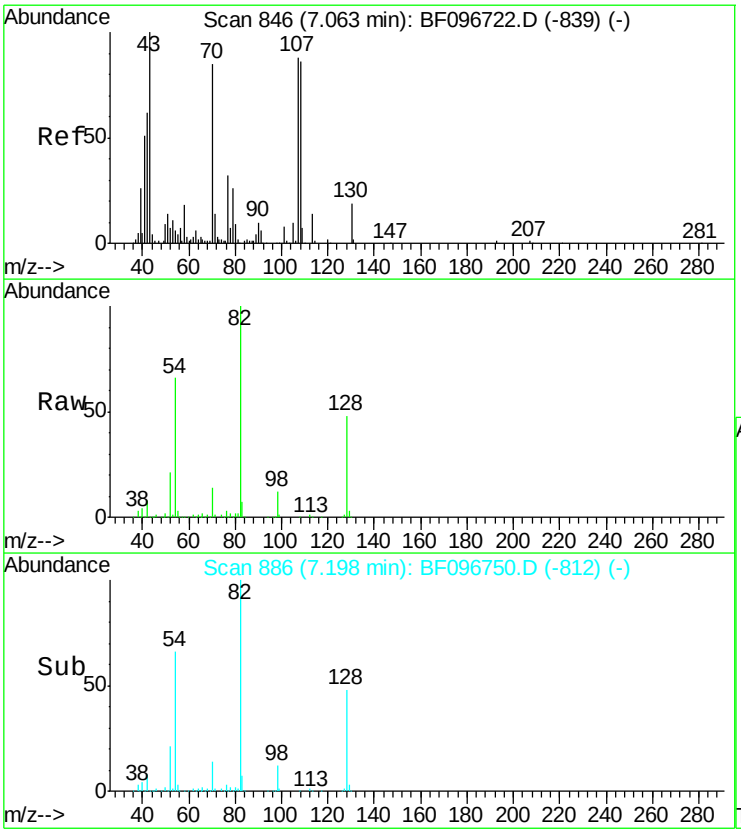
#7
Phenol-d6
Concen: 39.39 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion: 99 Resp: 767763

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.7	24.5	36.7

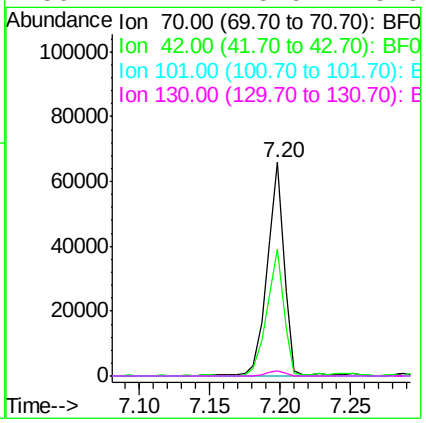


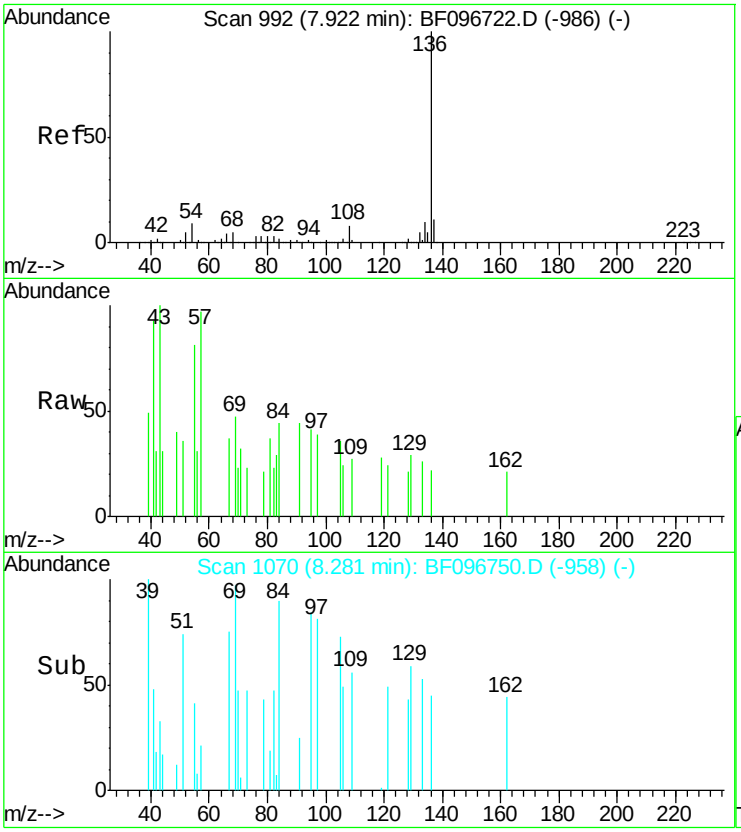


#19
n-Nitroso-di-n-propylamine
Concen: 4.81 ng
RT: 7.20 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion: 70 Resp: 56525

Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



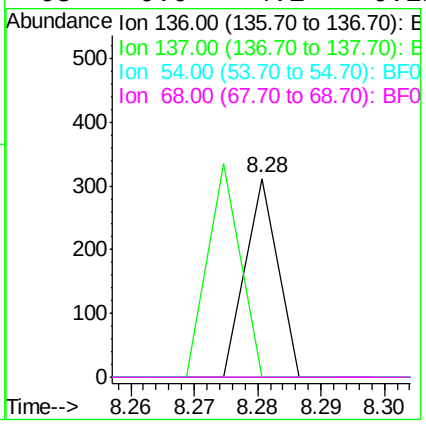


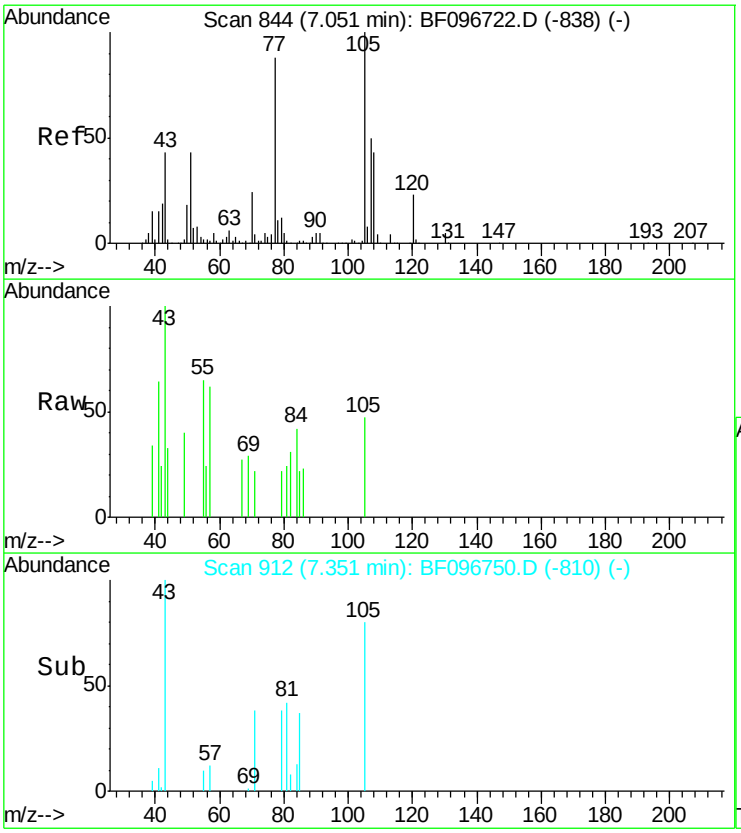
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 1070
Delta R.T. 0.36 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:136 Resp: 110

Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.5	12.7#
54	0.0	4.9	7.3#
68	0.0	4.1	6.1#

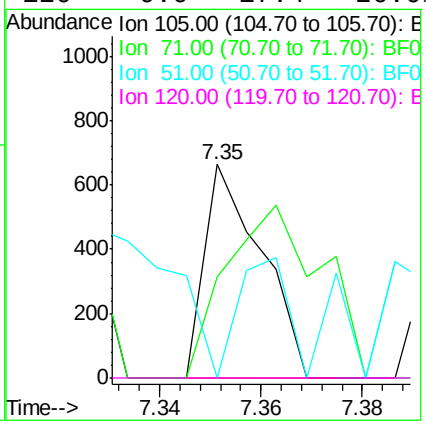


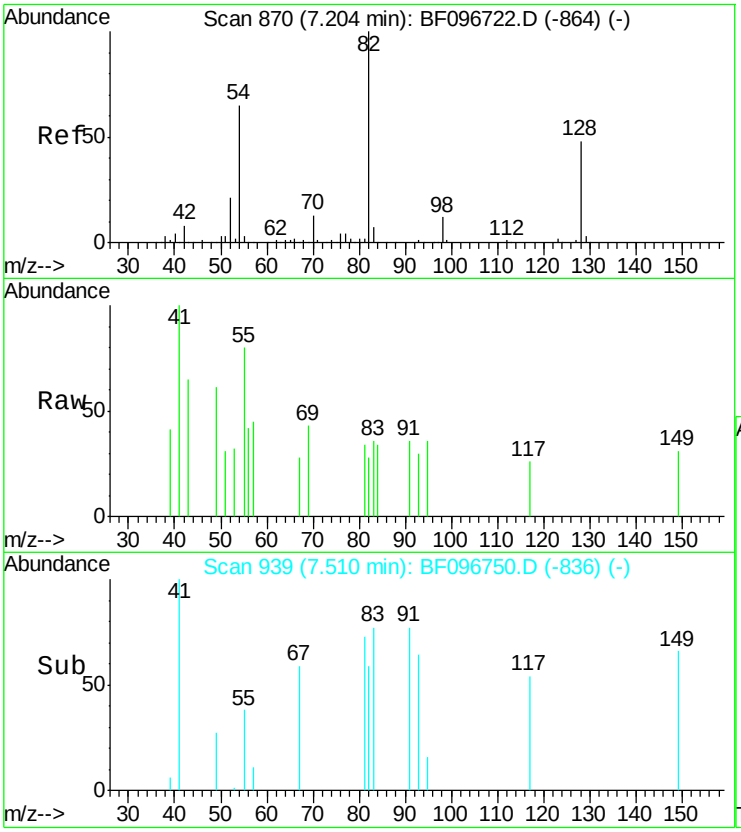


#22
Acetophenone
Concen: 209.07 ng
RT: 7.35 min Scan# 912
Delta R.T. 0.30 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:105 Resp: 514

Ion	Ratio	Lower	Upper
105	100		
71	47.4	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#



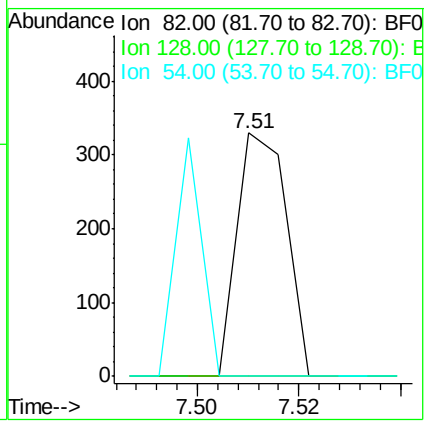


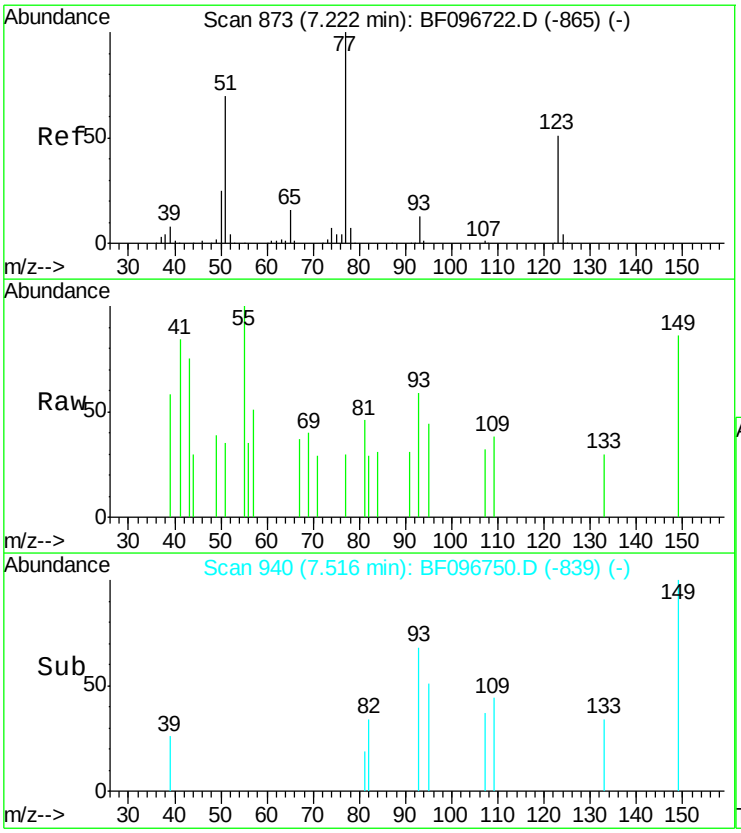
#23
Nitrobenzene-d5
Concen: 125.01 ng
RT: 7.51 min Scan# 939
Delta R.T. 0.31 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion: 82 Resp: 222

Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.0	51.0#
54	0.0	42.2	63.2#

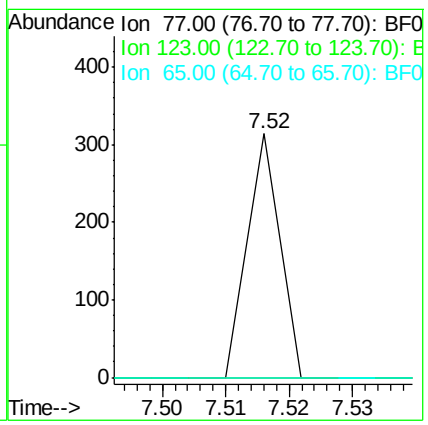


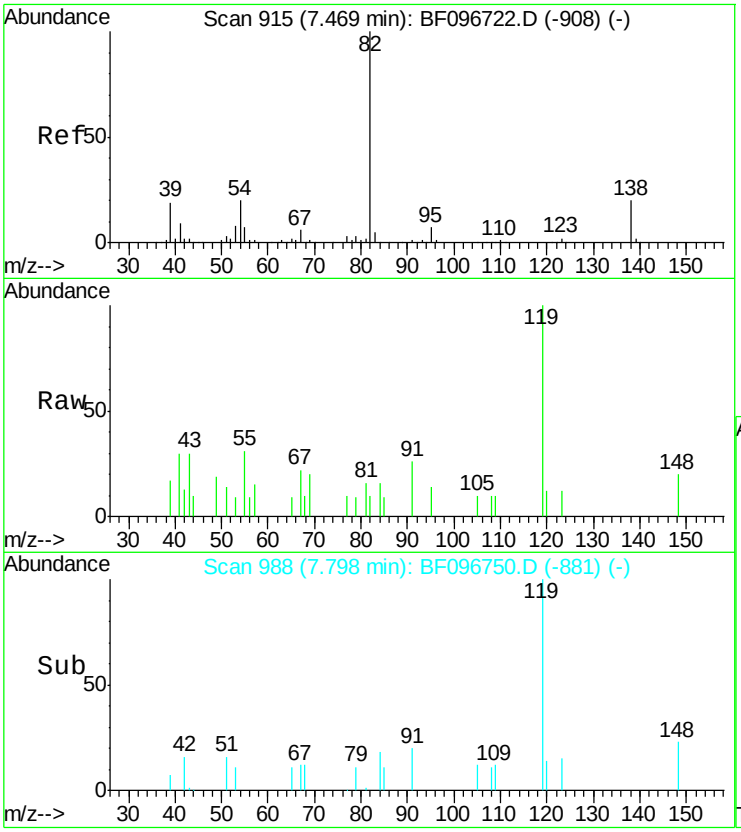


#24
Nitrobenzene
Concen: 60.43 ng
RT: 7.52 min Scan# 940
Delta R.T. 0.29 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion: 77 Resp: 111

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



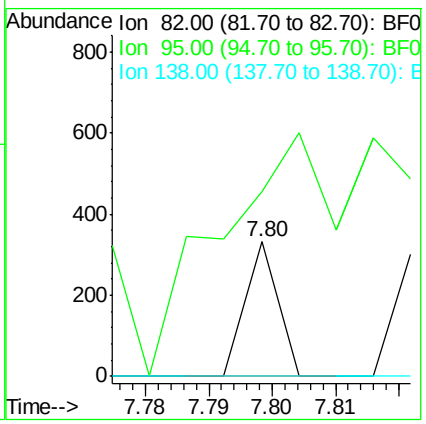


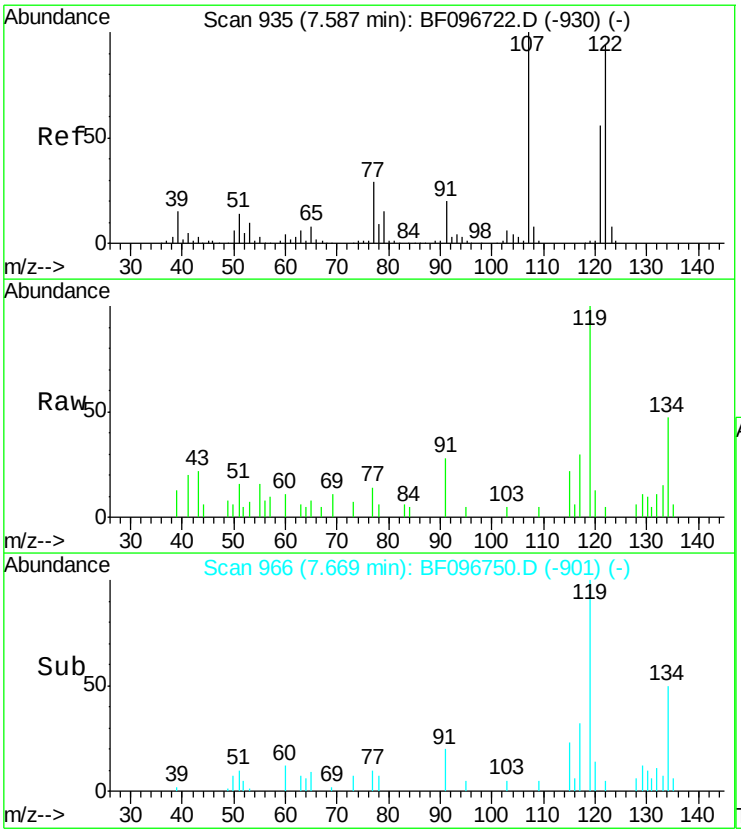
#25
Isophorone
Concen: 35.42 ng
RT: 7.80 min Scan# 988
Delta R.T. 0.33 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion: 82 Resp: 117

Ion	Ratio	Lower	Upper
82	100		
95	137.3	5.3	7.9#
138	0.0	13.1	19.7#

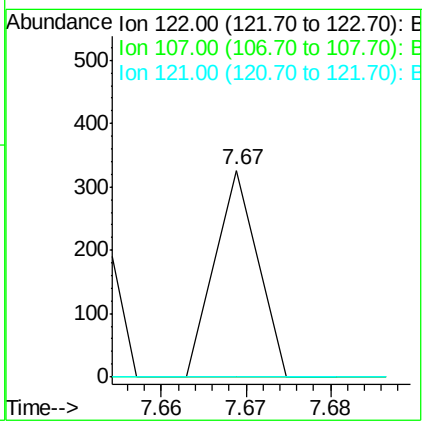


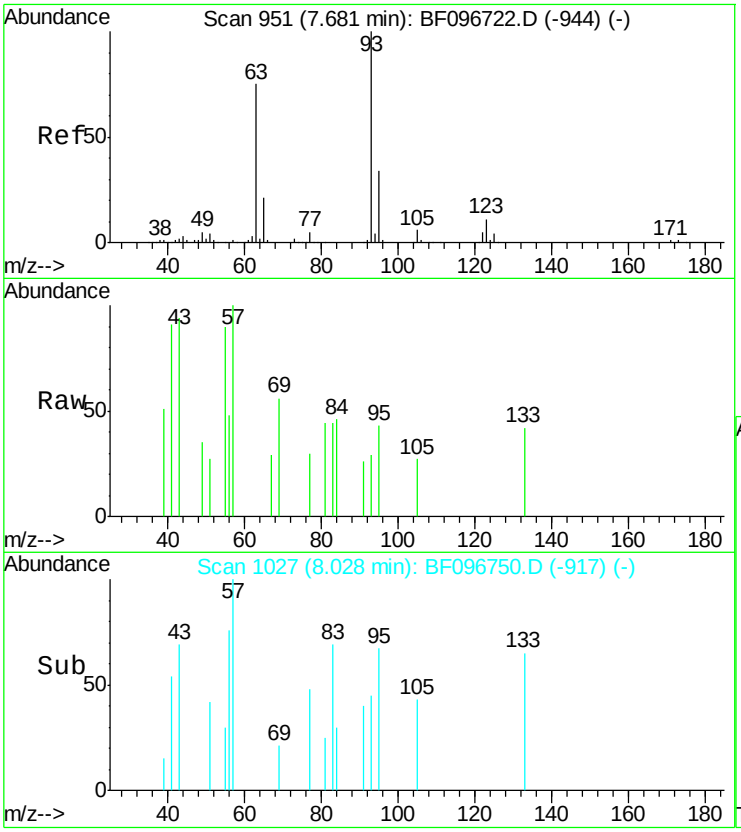


#27
2,4-Dimethylphenol
Concen: 68.45 ng
RT: 7.67 min Scan# 966
Delta R.T. 0.08 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:122 Resp: 115

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



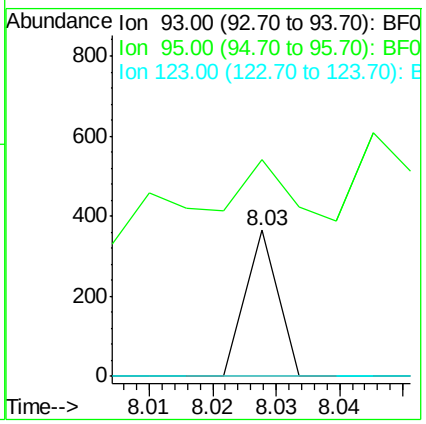


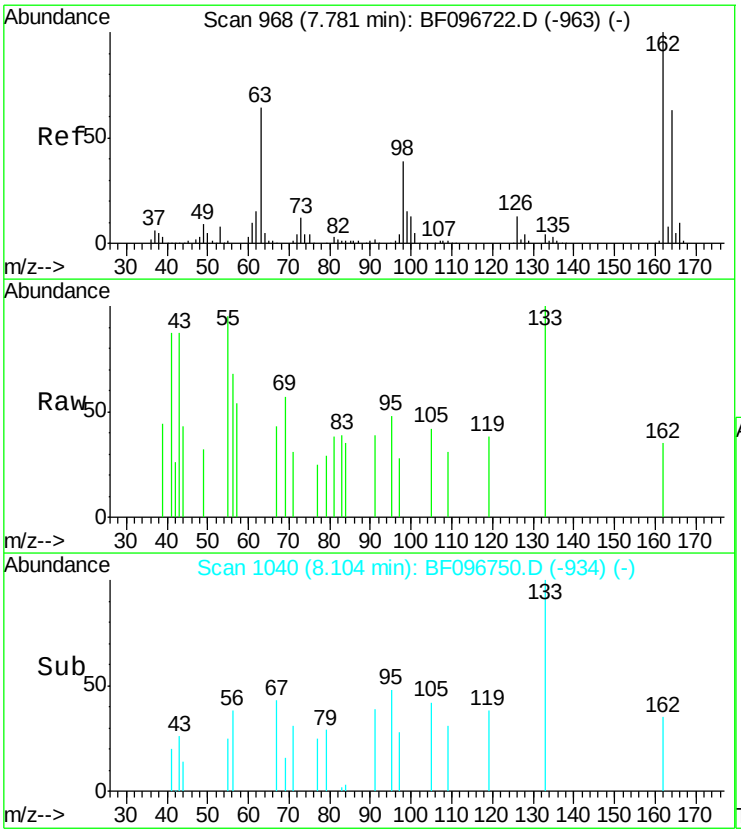
#28
bis(2-Chloroethoxy)methane
Concen: 57.79 ng
RT: 8.03 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion: 93 Resp: 129

Ion	Ratio	Lower	Upper
93	100		
95	147.9	26.5	39.7#
123	0.0	9.0	13.4#

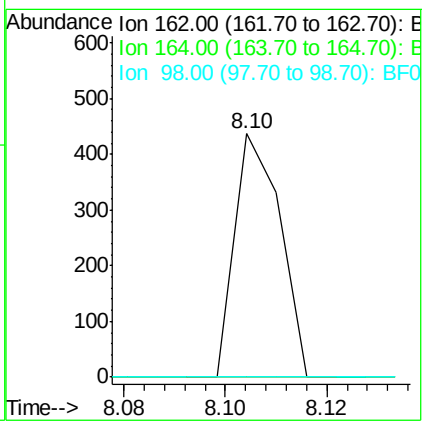


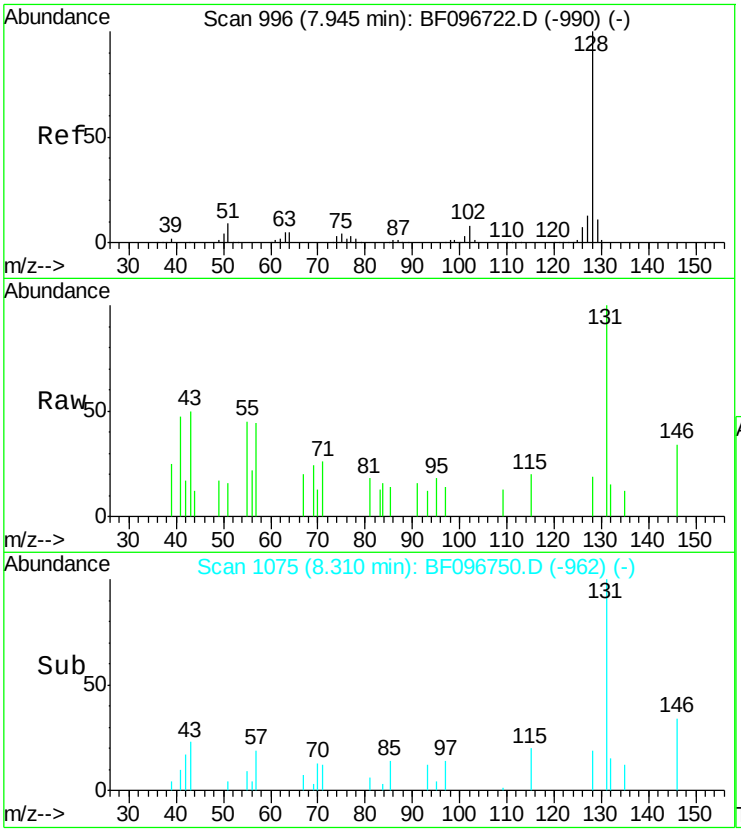


#29
2,4-Dichlorophenol
Concen: 178.19 ng
RT: 8.10 min Scan# 1040
Delta R.T. 0.32 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:162 Resp: 271

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



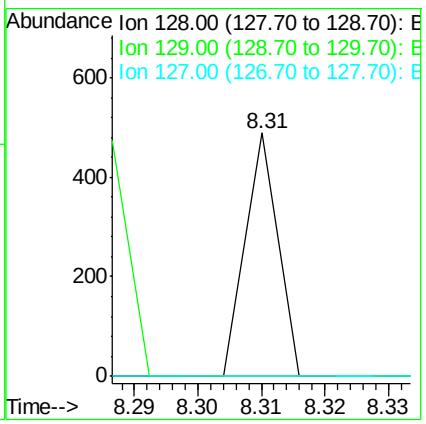


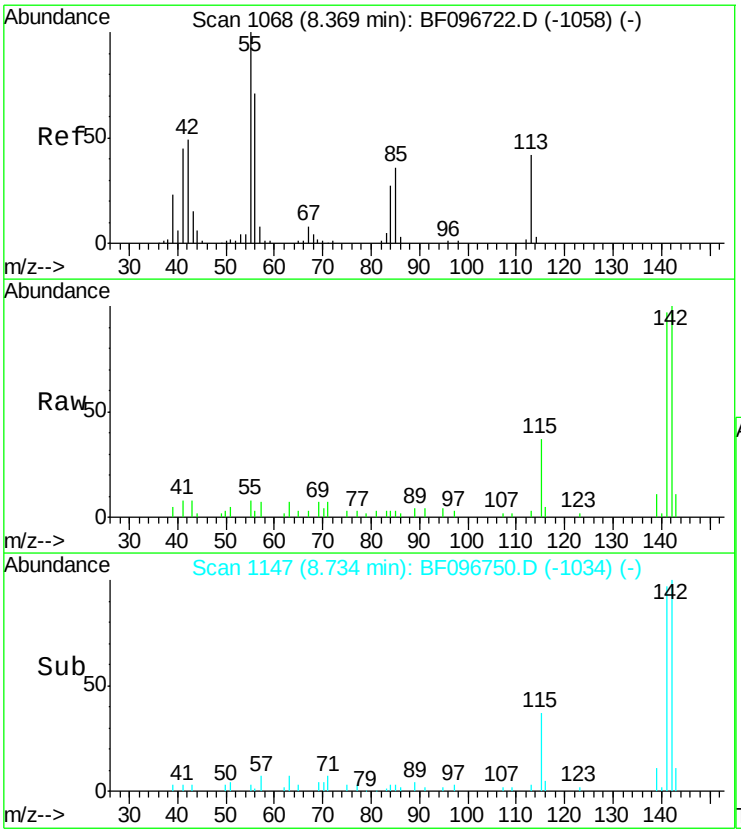
#31
Naphthalene
Concen: 33.01 ng
RT: 8.31 min Scan# 1075
Delta R.T. 0.36 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:128 Resp: 172

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	10.8	16.2#

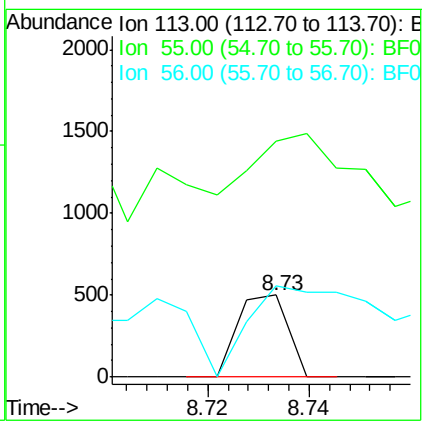


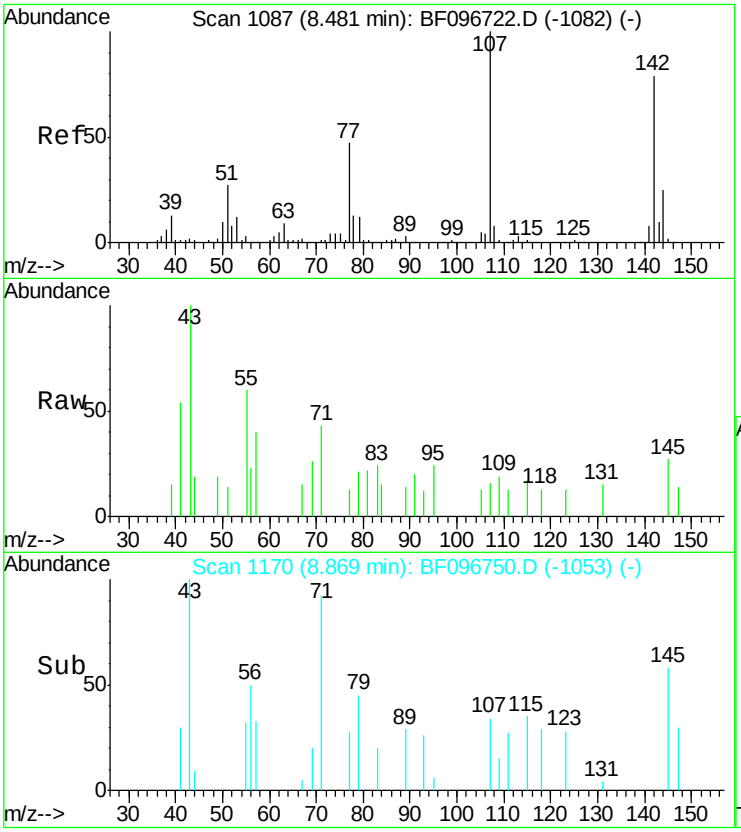


#35
Caprolactam
Concen: 703.88 ng
RT: 8.73 min Scan# 1147
Delta R.T. 0.36 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:113 Resp: 343

Ion	Ratio	Lower	Upper
113	100		
55	288.0	150.2	190.2#
56	111.2	107.8	147.8



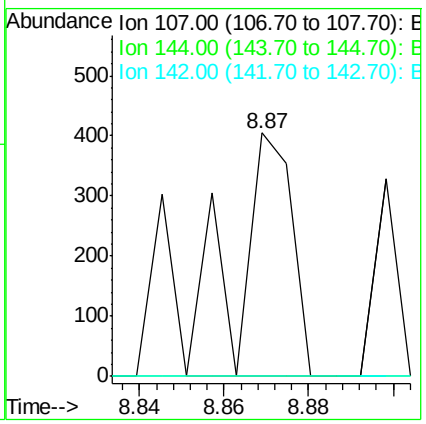


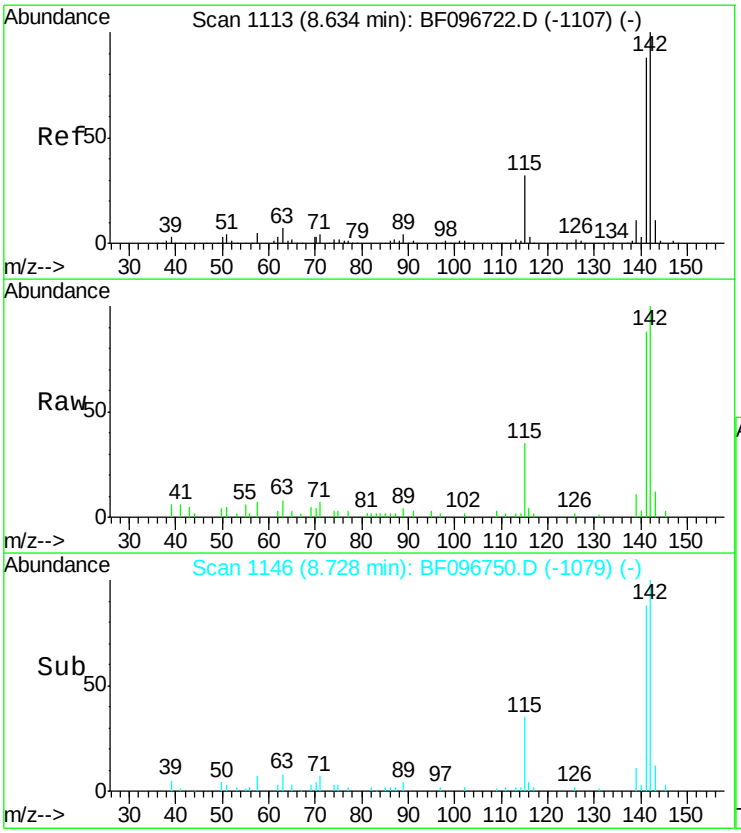
#36
4-Chloro-3-methylphenol
Concen: 229.93 ng
RT: 8.87 min Scan# 1170
Delta R.T. 0.39 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:107 Resp: 376

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

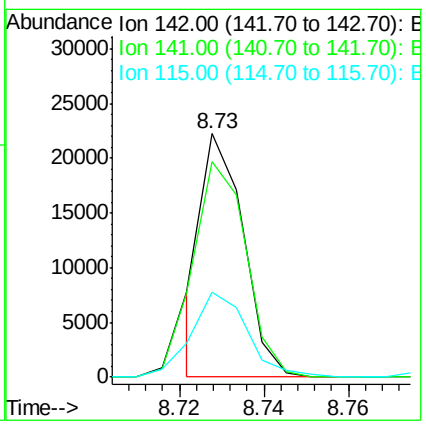


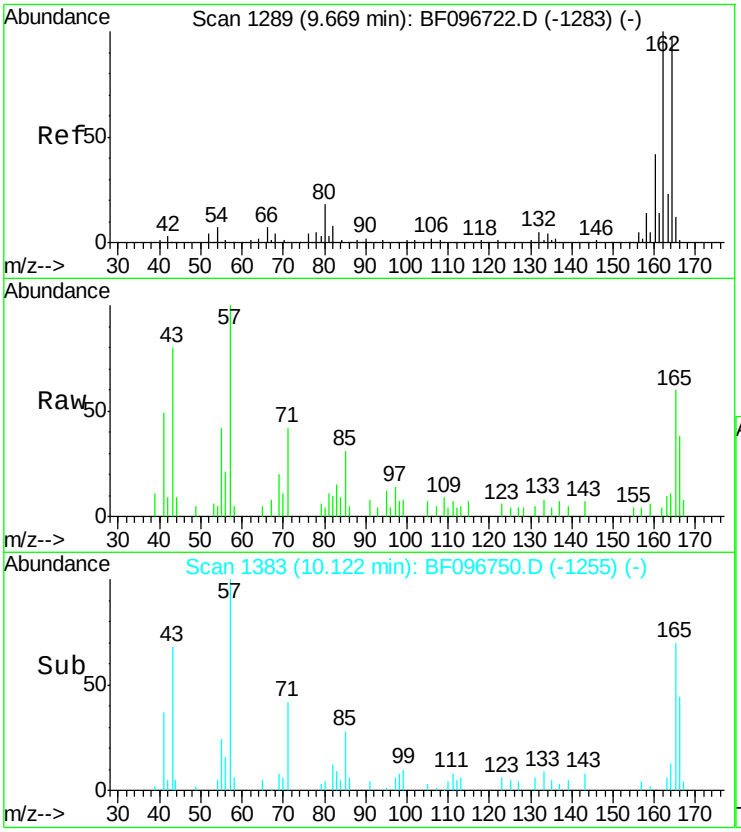


#37
2-Methylnaphthalene
Concen: 4564.52 ng
RT: 8.73 min Scan# 1146
Delta R.T. 0.09 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:142 Resp: 15164

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	34.8	27.1	40.7



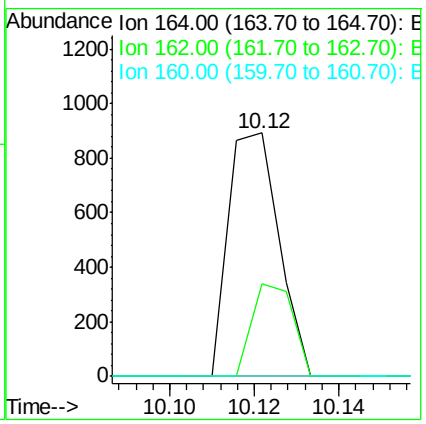


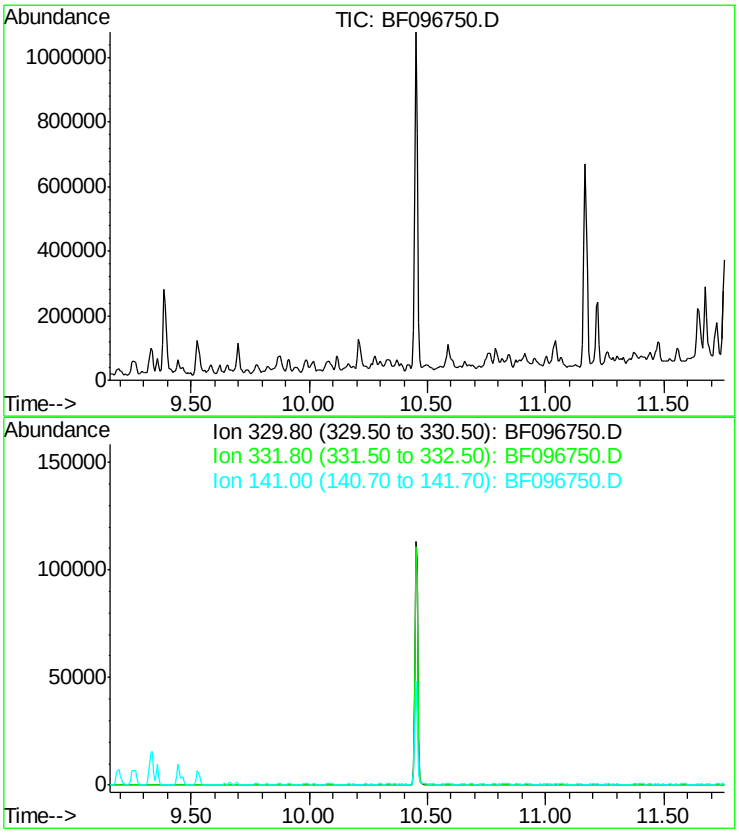
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.12 min Scan# 1383
Delta R.T. 0.45 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:164 Resp: 741

Ion	Ratio	Lower	Upper
164	100		
162	38.2	82.6	123.8#
160	0.0	36.2	54.2#



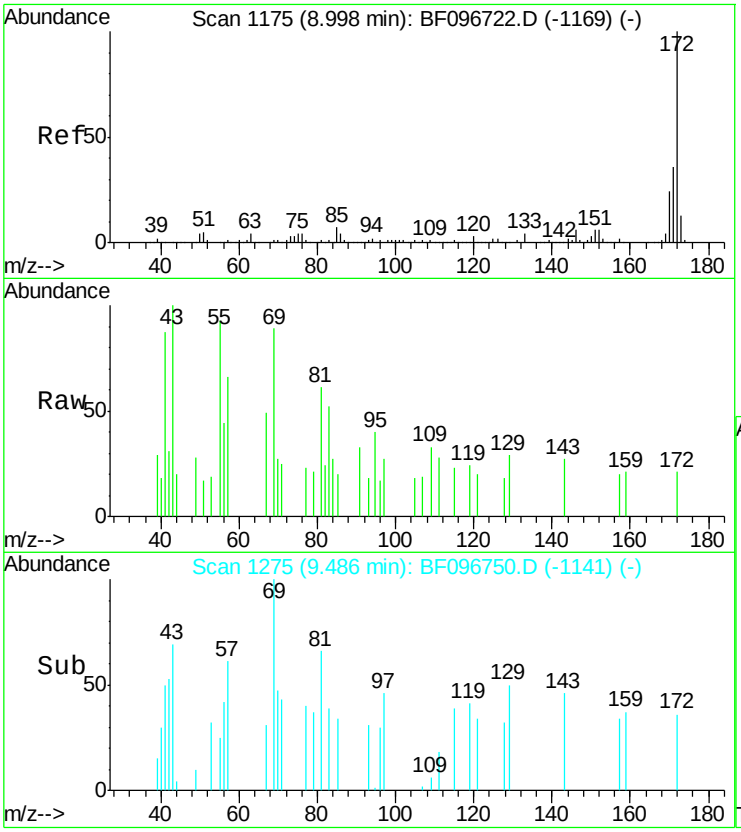


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.46 min

Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3

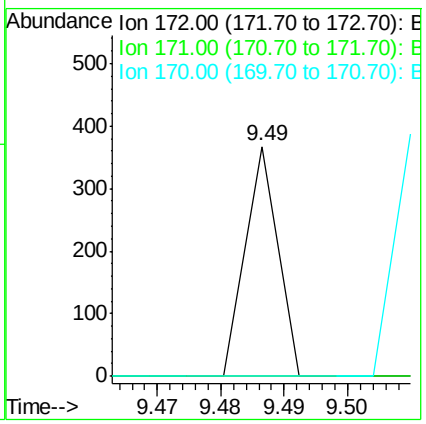


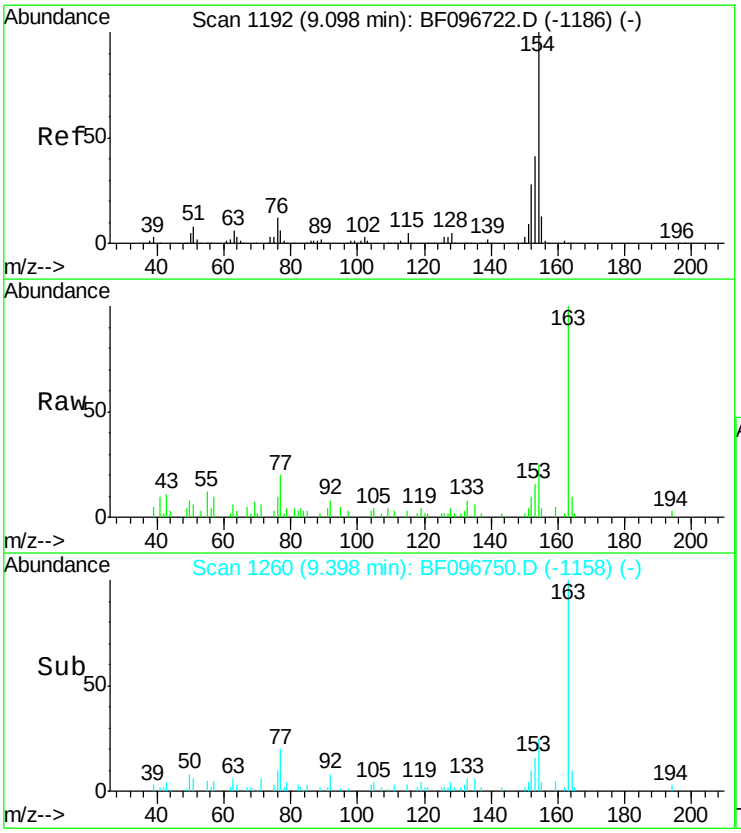
#44
2-Fluorobiphenyl
Concen: 2.77 ng
RT: 9.49 min Scan# 1275
Delta R.T. 0.49 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:172 Resp: 130

Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.6	44.4#
170	0.0	19.8	29.8#

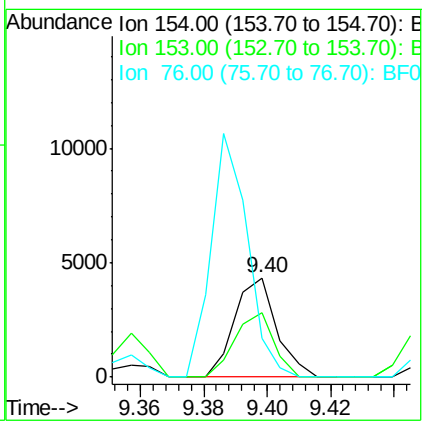


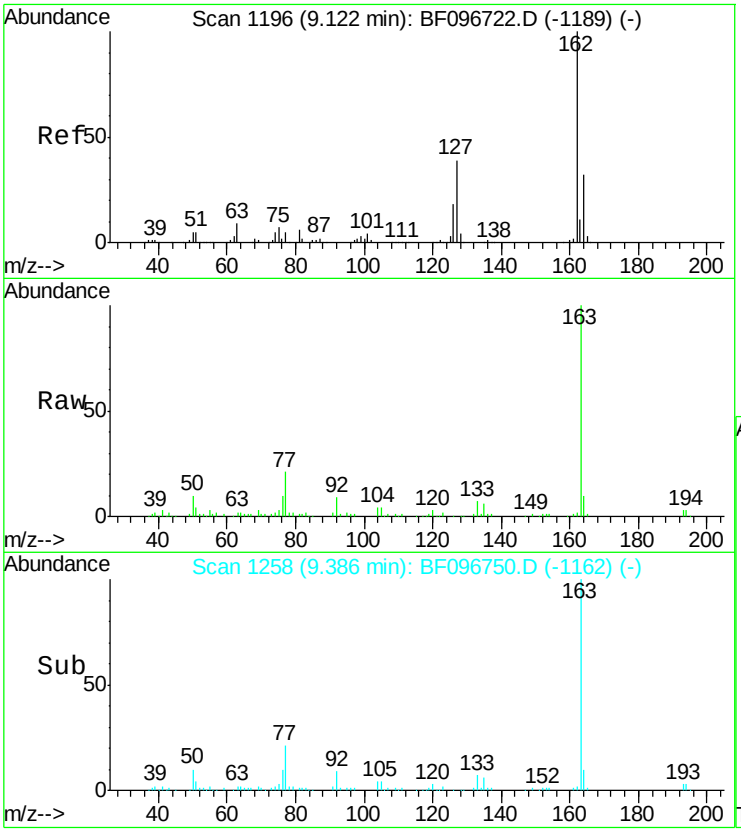


#45
1,1'-Biphenyl
Concen: 62.53 ng
RT: 9.40 min Scan# 1260
Delta R.T. 0.30 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:154 Resp: 3974

Ion	Ratio	Lower	Upper
154	100		
153	64.6	21.2	61.2#
76	38.6	0.0	29.9#



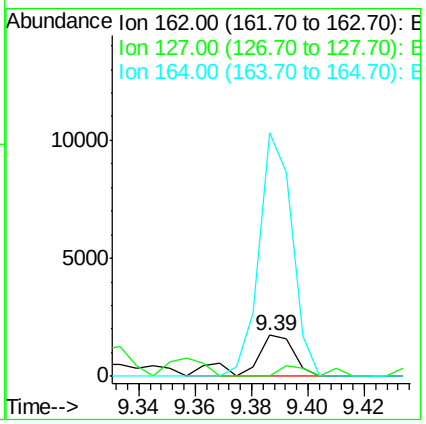


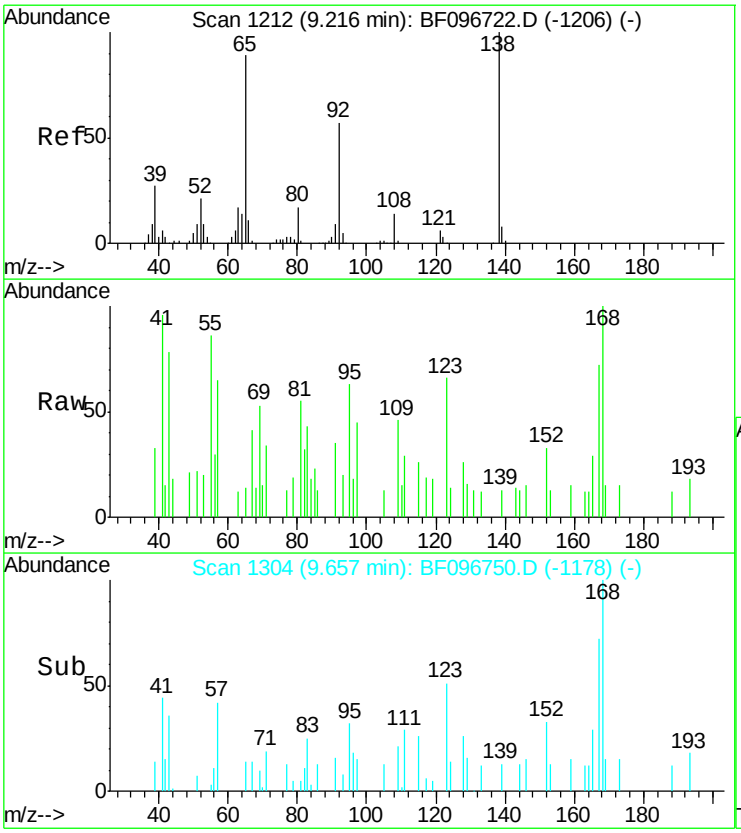
#46
2-Chloronaphthalene
Concen: 38.57 ng
RT: 9.39 min Scan# 1258
Delta R.T. 0.26 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:162 Resp: 1805

Ion	Ratio	Lower	Upper
162	100		
127	0.0	28.3	42.5#
164	592.4	27.0	40.4#

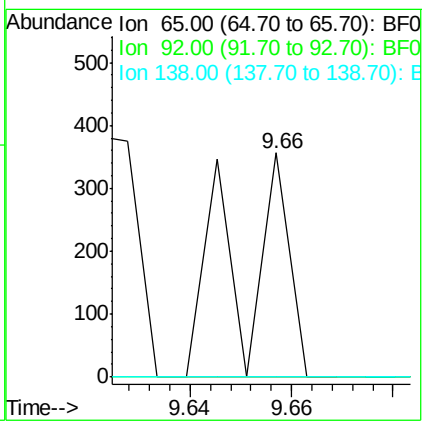


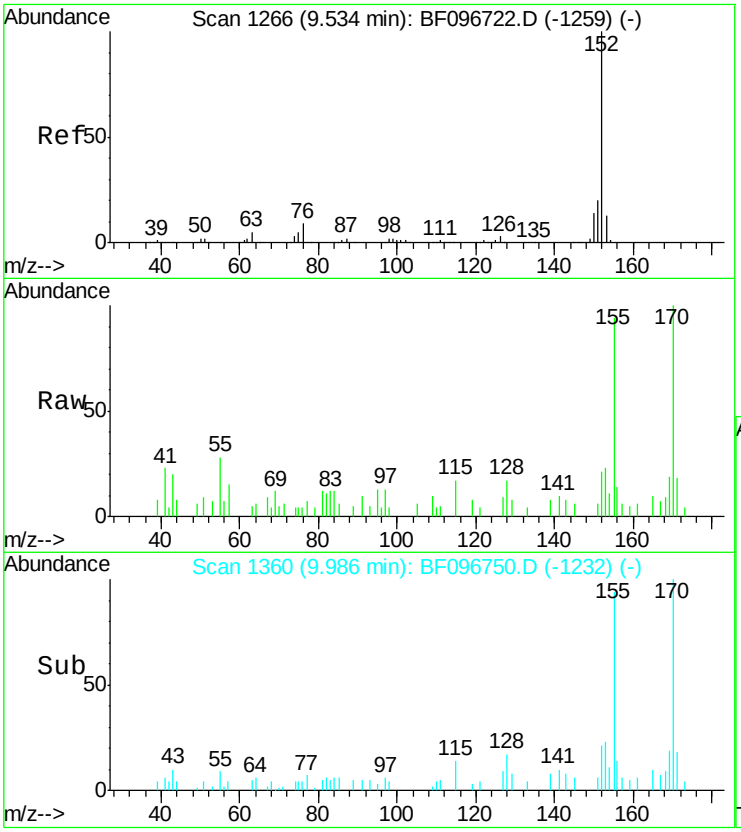


#47
2-Nitroaniline
Concen: 15.42 ng
RT: 9.66 min Scan# 1304
Delta R.T. 0.44 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion: 65 Resp: 248

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



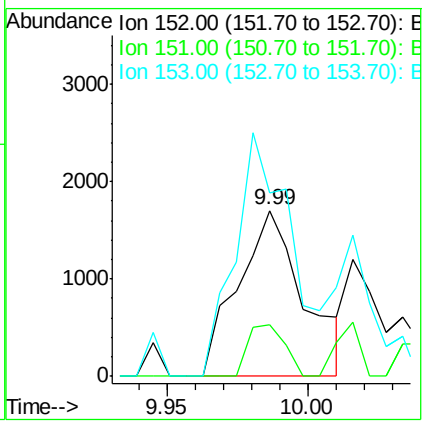


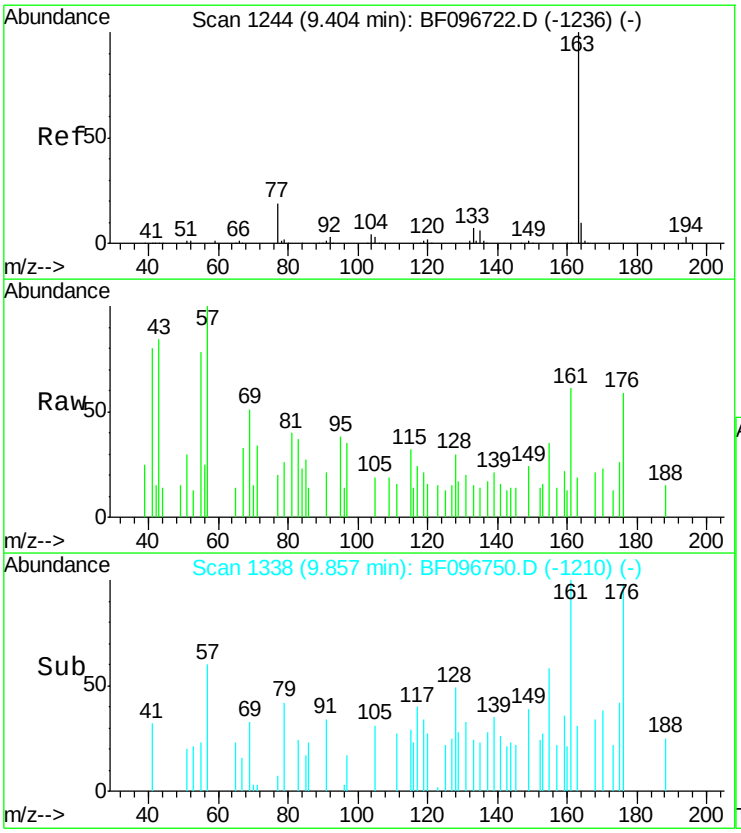
#48
Acenaphthylene
Concen: 36.82 ng
RT: 9.99 min Scan# 1360
Delta R.T. 0.45 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:152 Resp: 2745

Ion	Ratio	Lower	Upper
152	100		
151	30.9	16.8	25.2#
153	110.6	10.8	16.2#

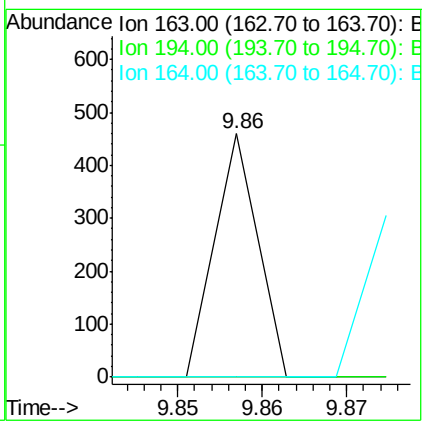


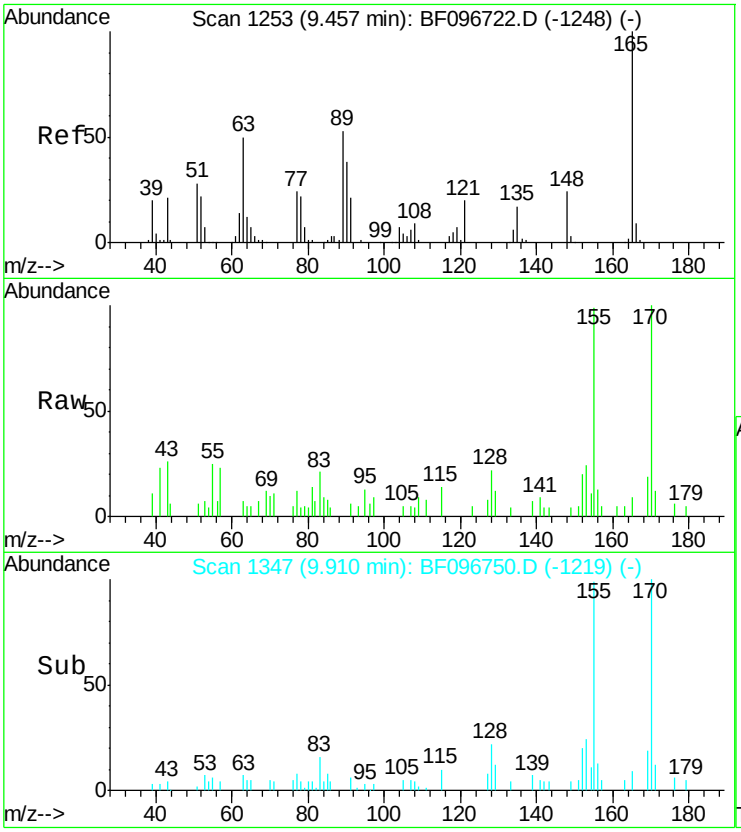


#49
Dimethylphthalate
Concen: 2.90 ng
RT: 9.86 min Scan# 1338
Delta R.T. 0.45 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:163 Resp: 162

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	0.0	8.4	12.6#



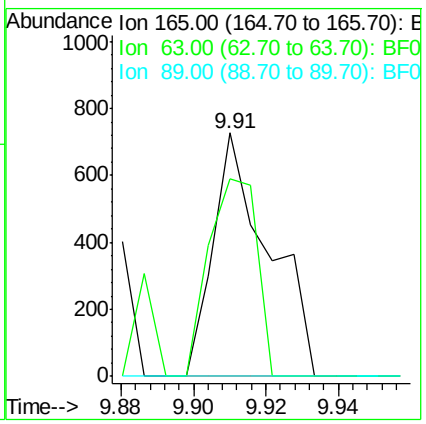


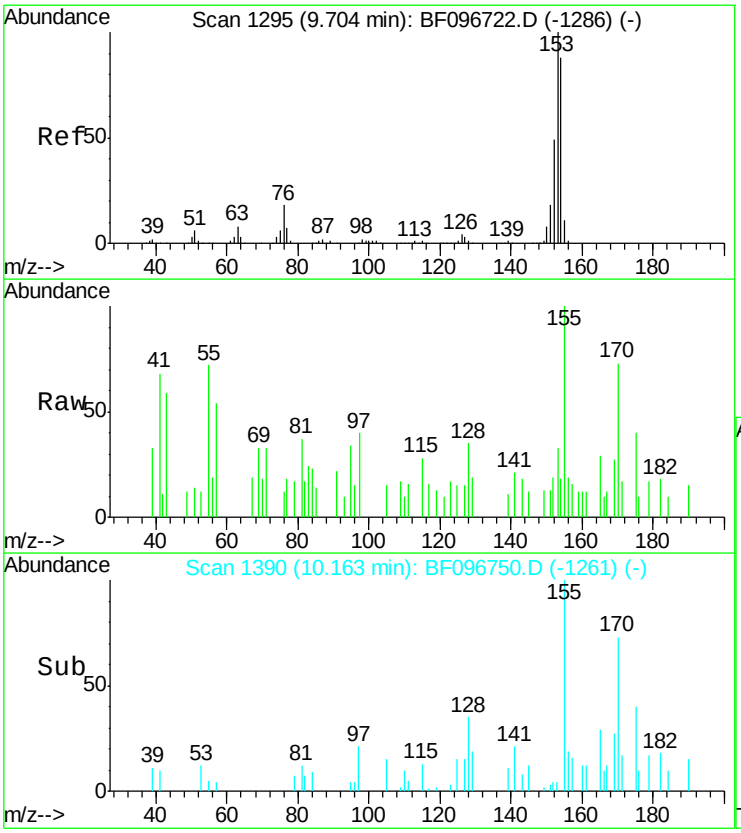
#50
2,6-Dinitrotoluene
Concen: 63.96 ng
RT: 9.91 min Scan# 1347
Delta R.T. 0.45 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:165 Resp: 773

Ion	Ratio	Lower	Upper
165	100		
63	81.3	34.3	51.5#
89	0.0	37.1	55.7#

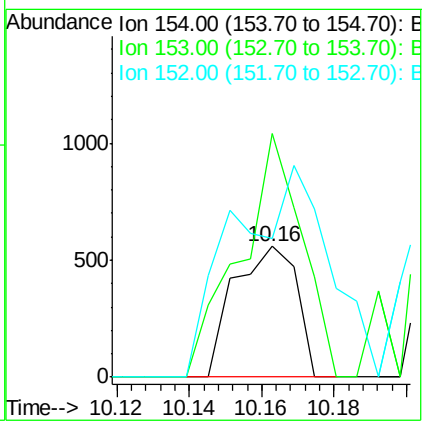


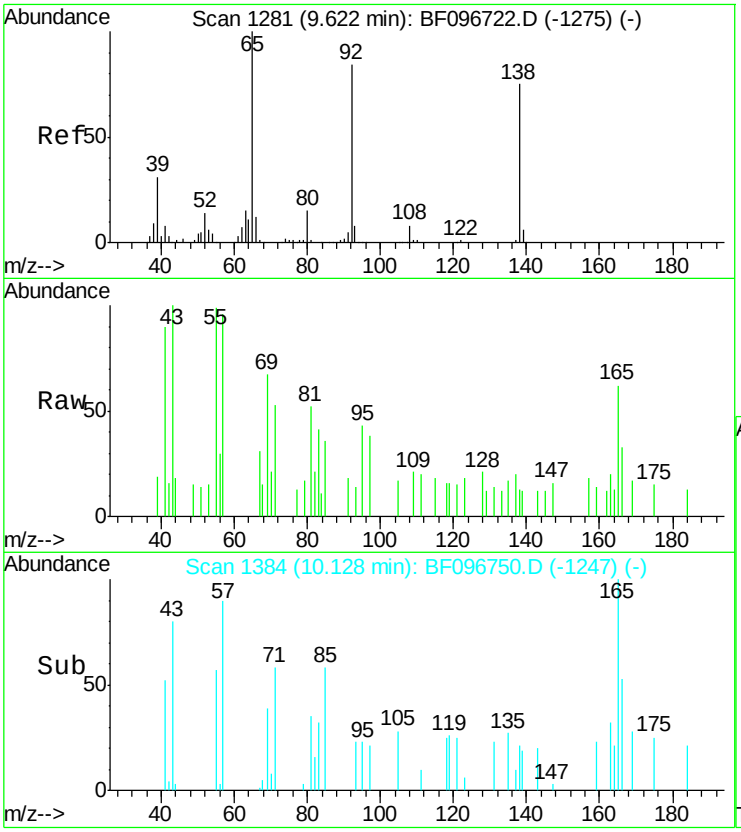


#51
Acenaphthene
Concen: 15.12 ng
RT: 10.16 min Scan# 1390
Delta R.T. 0.46 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:154 Resp: 666

Ion	Ratio	Lower	Upper
154	100		
153	186.2	90.5	135.7#
152	106.3	43.6	65.4#



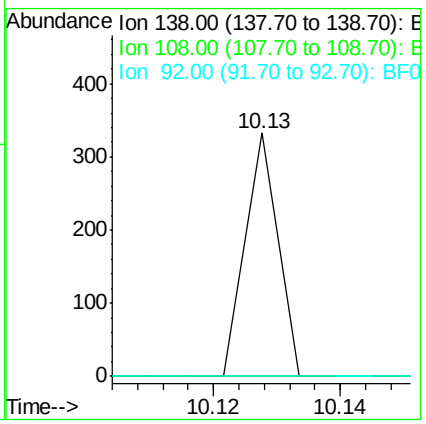


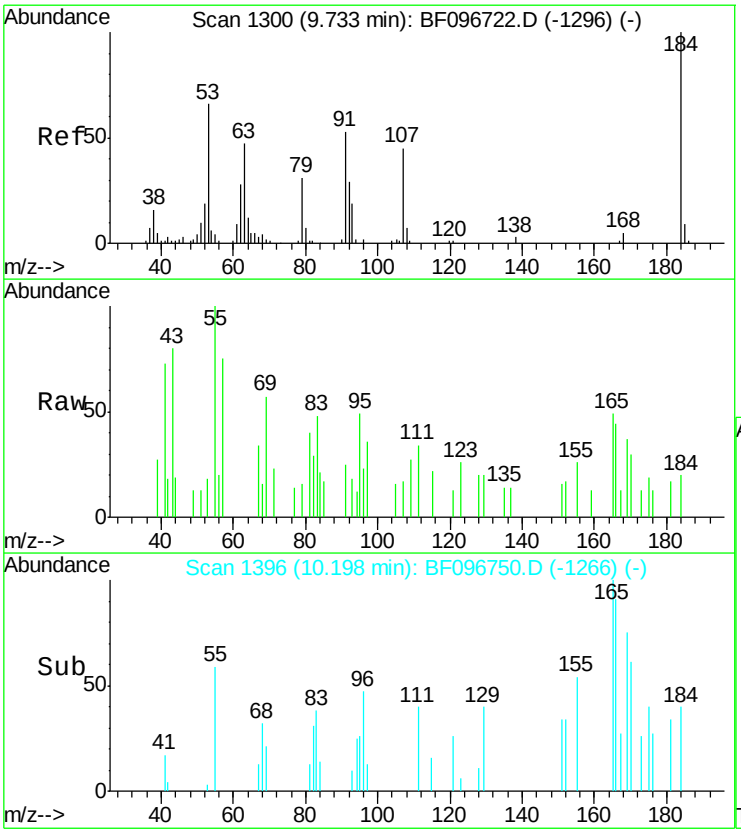
#52
3-Nitroaniline
Concen: 8.24 ng
RT: 10.13 min Scan# 1384
Delta R.T. 0.51 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:138 Resp: 118

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

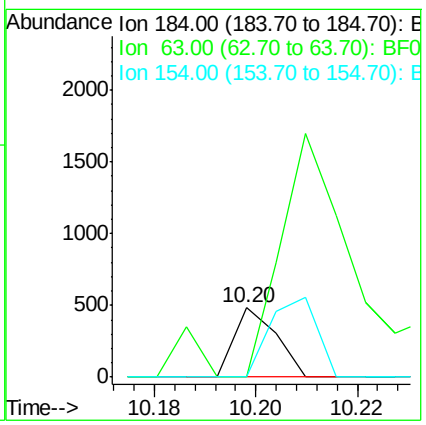


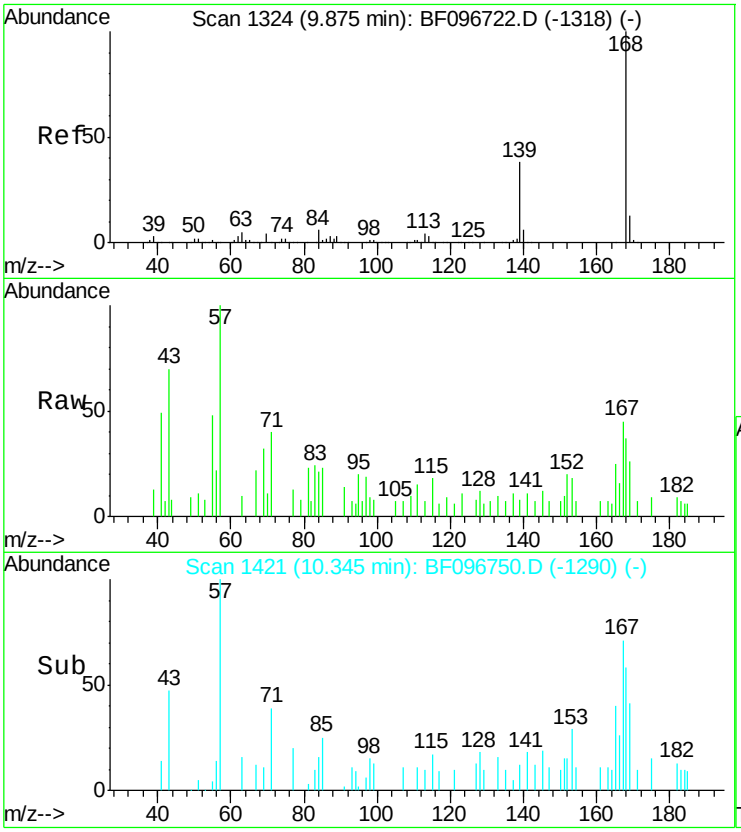


#53
2,4-Dinitrophenol
Concen: 49.13 ng
RT: 10.20 min Scan# 1396
Delta R.T. 0.47 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:184 Resp: 277

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



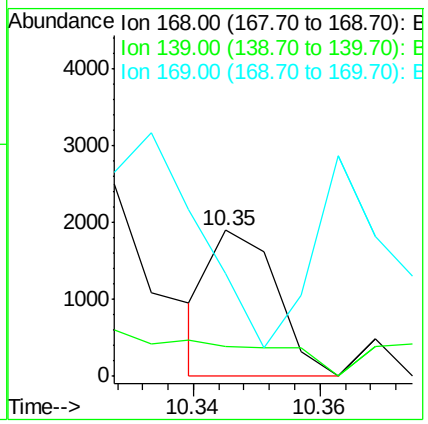


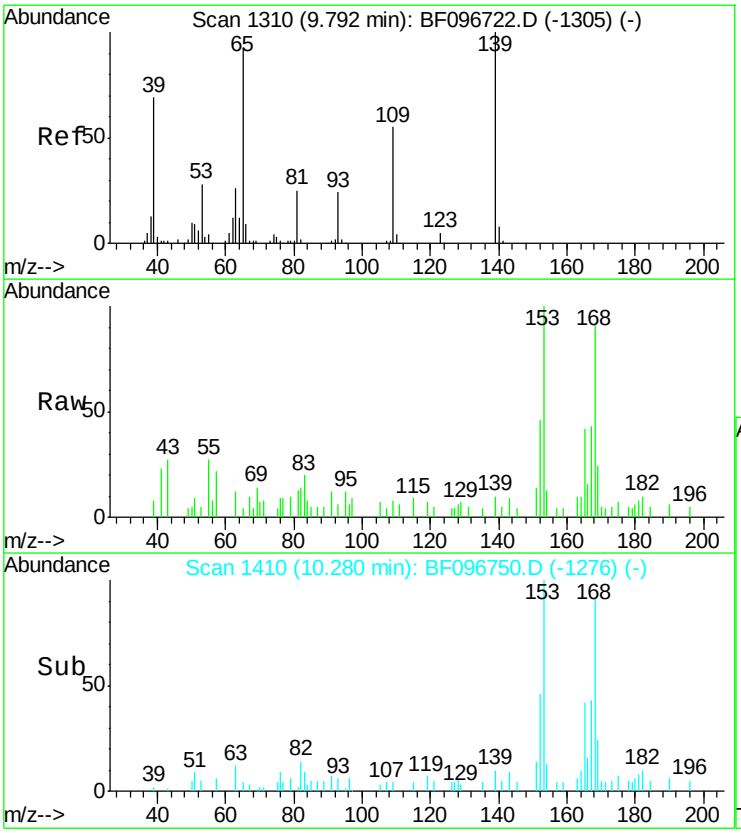
#54
Dibenzofuran
Concen: 21.98 ng
RT: 10.35 min Scan# 1421
Delta R.T. 0.47 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:168 Resp: 1357

Ion	Ratio	Lower	Upper
168	100		
139	20.1	30.6	45.8#
169	70.2	10.8	16.2#

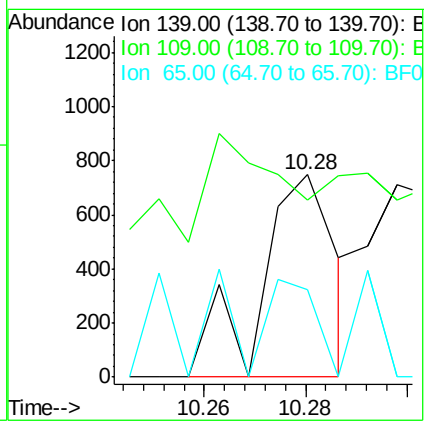


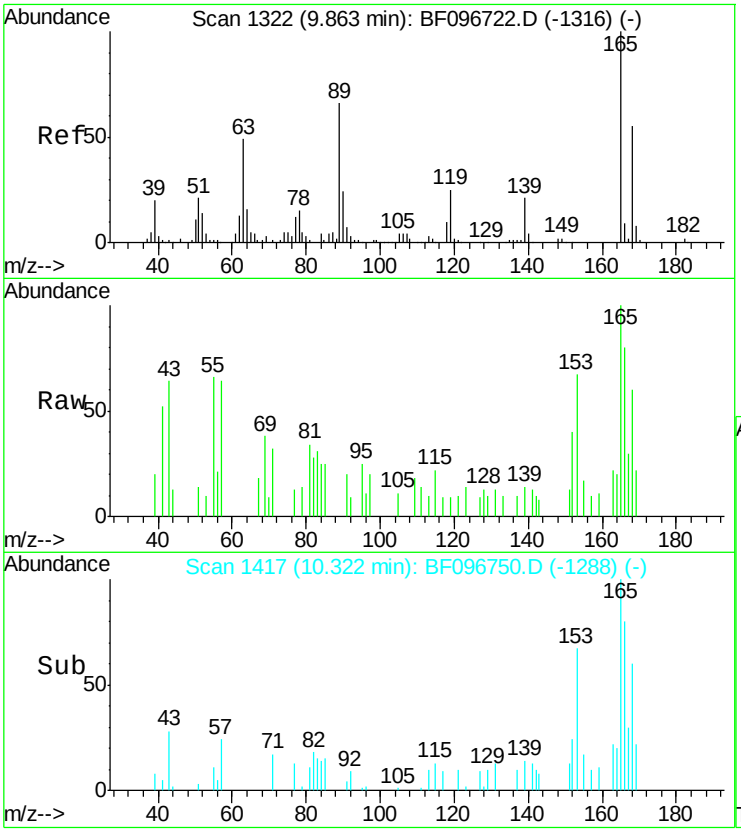


#55
4-Nitrophenol
Concen: 72.85 ng
RT: 10.28 min Scan# 1410
Delta R.T. 0.49 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:139 Resp: 762

Ion	Ratio	Lower	Upper
139	100		
109	87.6	34.1	74.1#
65	43.5	31.4	71.4



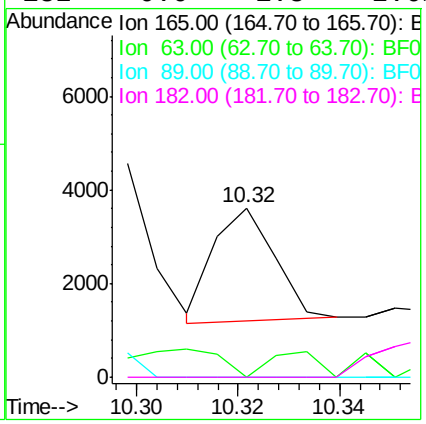


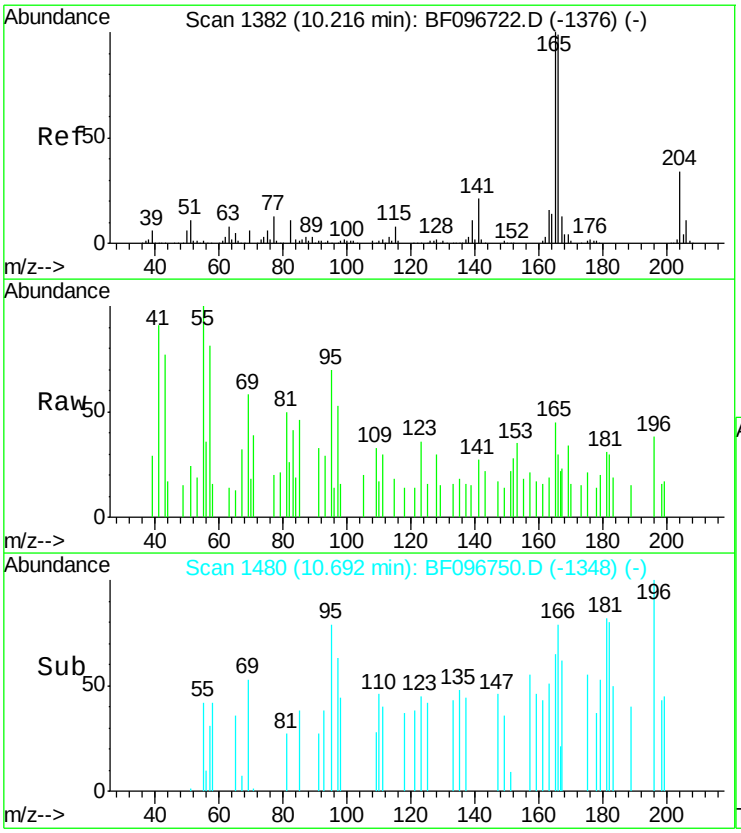
#56
2,4-Dinitrotoluene
Concen: 131.17 ng
RT: 10.32 min Scan# 1417
Delta R.T. 0.46 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:165 Resp: 2037

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

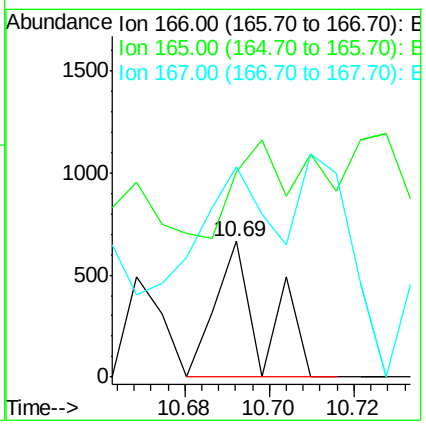


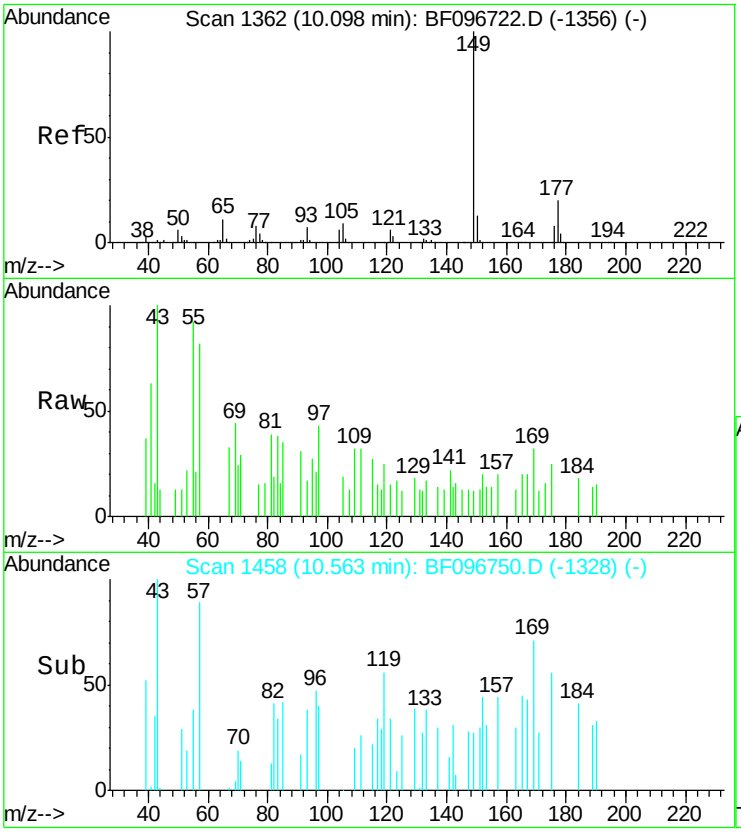


#57
Fluorene
Concen: 11.40 ng
RT: 10.69 min Scan# 1480
Delta R.T. 0.48 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:166 Resp: 520

Ion	Ratio	Lower	Upper
166	100		
165	150.8	78.8	118.2#
167	154.9	10.6	16.0#



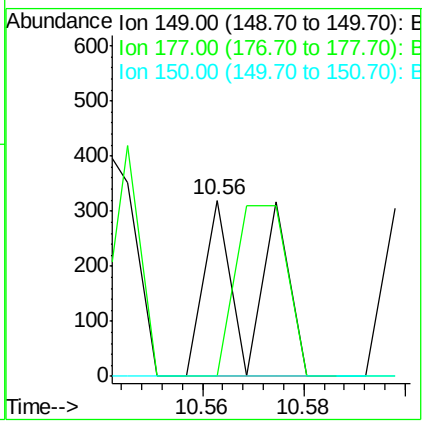


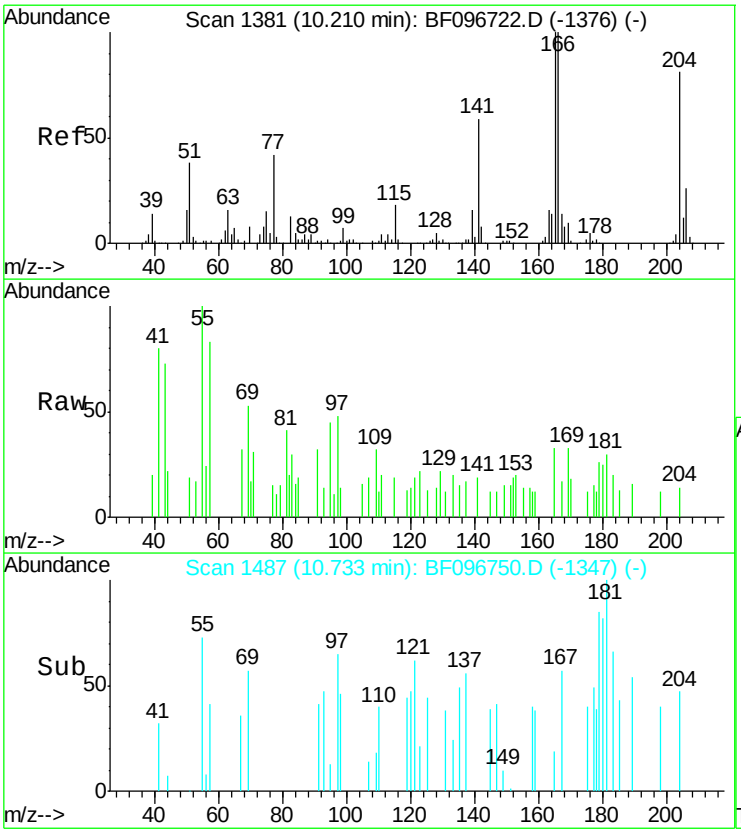
#59
Diethylphthalate
Concen: 4.14 ng
RT: 10.56 min Scan# 1458
Delta R.T. 0.46 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:149 Resp: 225

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

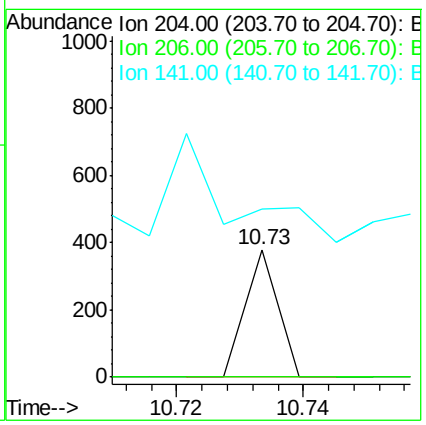


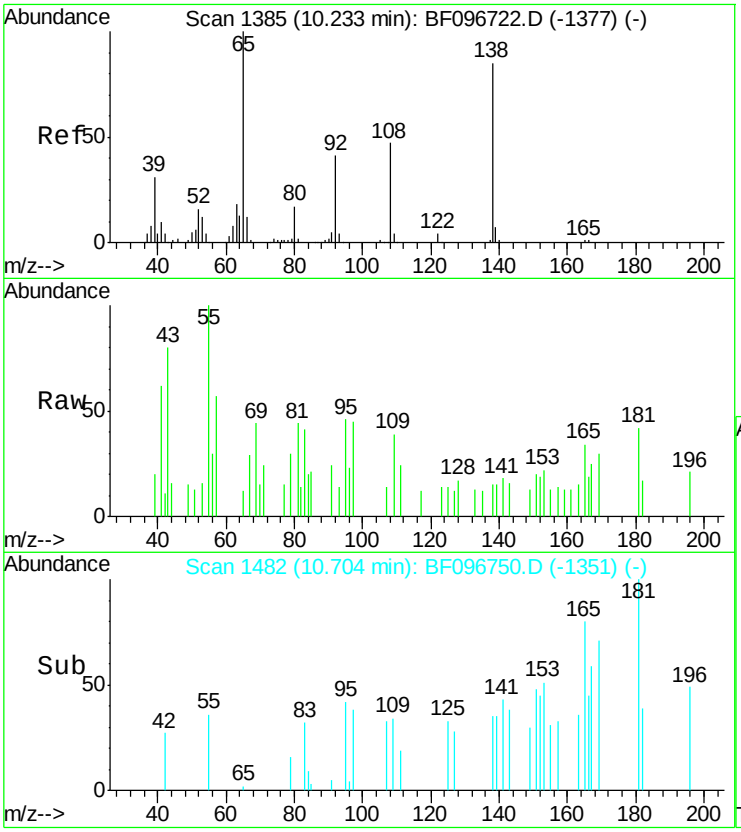


#60
4-Chlorophenyl-phenylether
Concen: 5.17 ng
RT: 10.73 min Scan# 1487
Delta R.T. 0.52 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:204 Resp: 134

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	131.6	60.8	91.2#



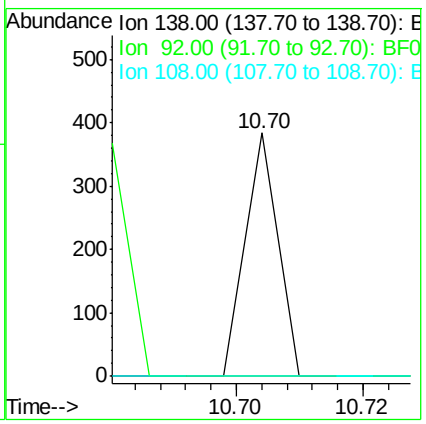


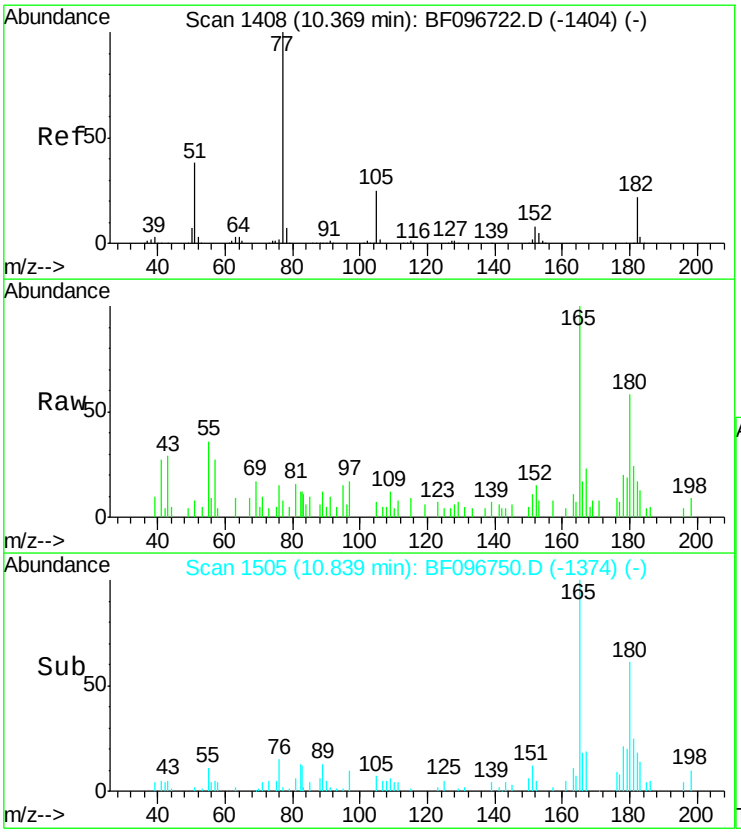
#61
4-Nitroaniline
Concen: 10.12 ng
RT: 10.70 min Scan# 1482
Delta R.T. 0.47 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:138 Resp: 136

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

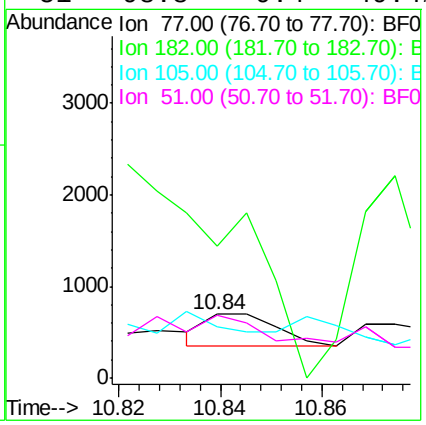


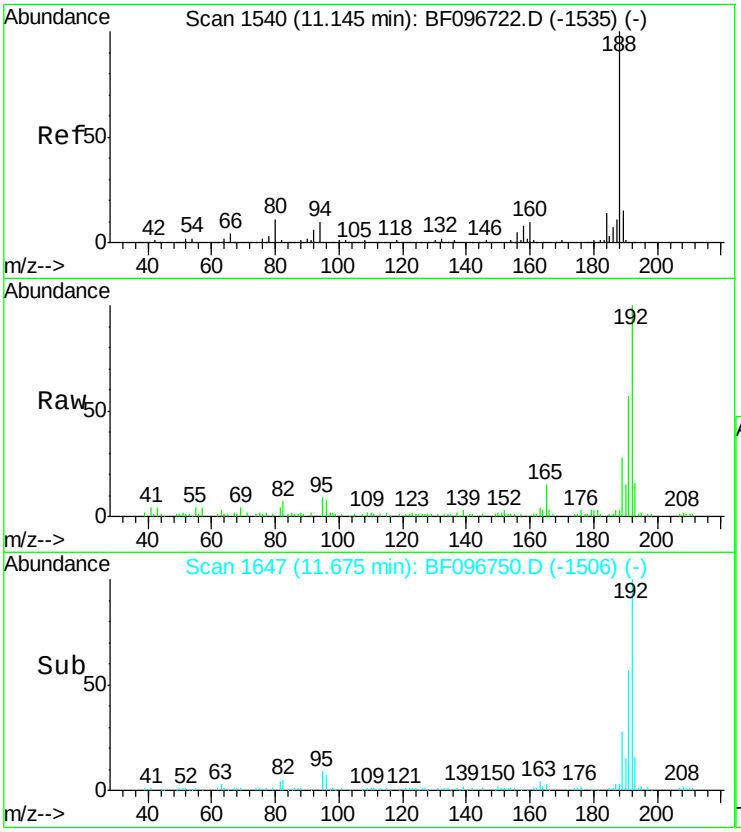


#62
Azobenzene
Concen: 7.01 ng
RT: 10.84 min Scan# 1505
Delta R.T. 0.47 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion: 77 Resp: 336

Ion	Ratio	Lower	Upper
77	100		
182	206.6	0.1	40.1#
105	80.7	3.6	43.6#
51	98.8	9.4	49.4#



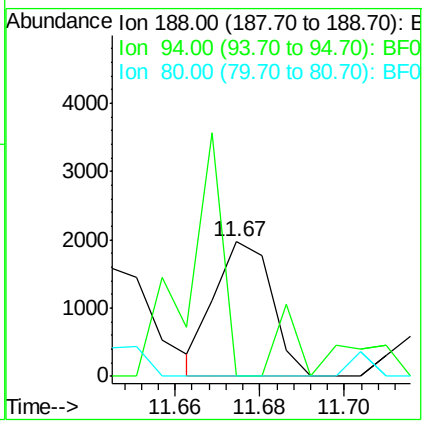


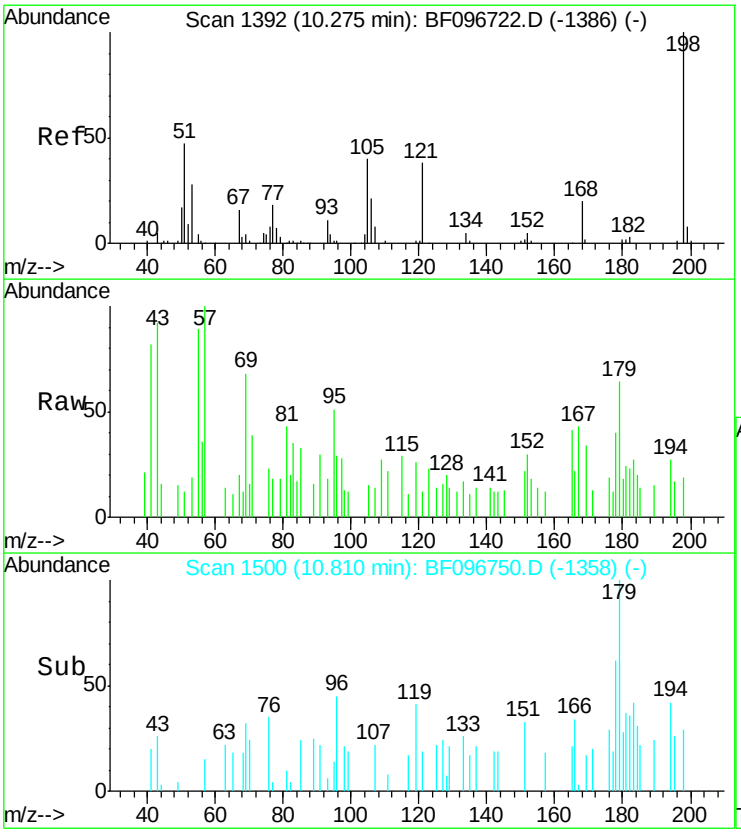
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.67 min Scan# 1647
Delta R.T. 0.53 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:188 Resp: 1848

Ion	Ratio	Lower	Upper
188	100		
94	338.0	9.4	14.2#
80	0.0	10.2	15.2#

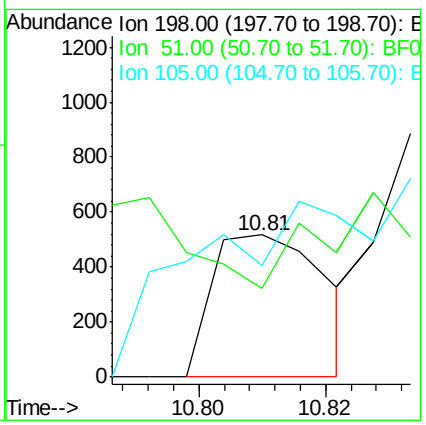


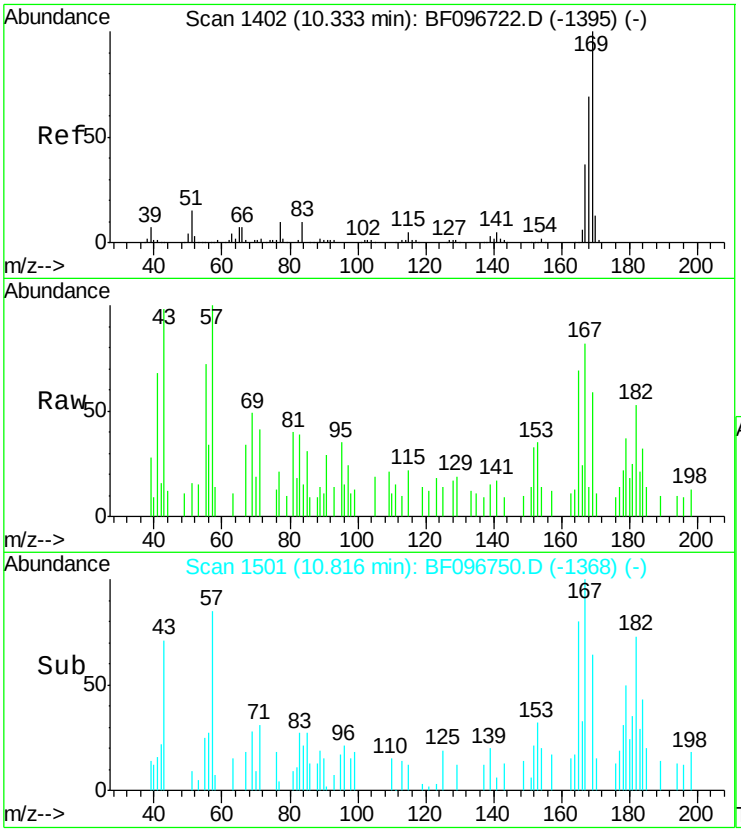


#64
4,6-Dinitro-2-methylphenol
Concen: 54.73 ng
RT: 10.81 min Scan# 1500
Delta R.T. 0.54 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:198 Resp: 635

Ion	Ratio	Lower	Upper
198	100		
51	62.4	53.2	93.2
105	78.7	45.8	85.8



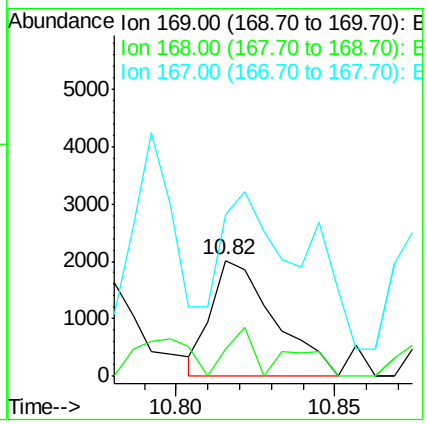


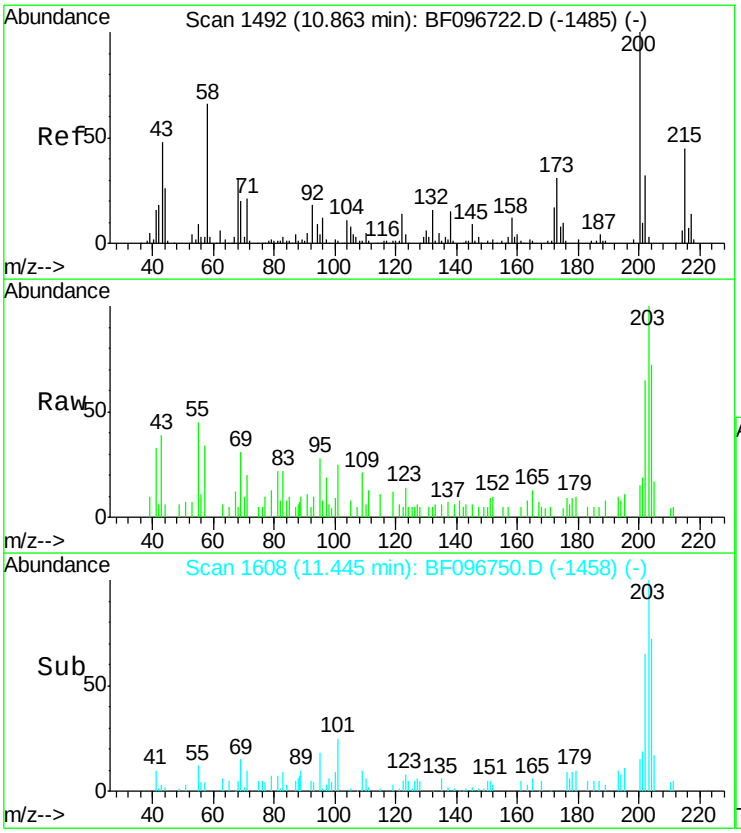
#65
n-Nitrosodiphenylamine
Concen: 42.13 ng
RT: 10.82 min Scan# 1501
Delta R.T. 0.48 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:169 Resp: 2783

Ion	Ratio	Lower	Upper
169	100		
168	23.8	53.2	79.8#
167	139.3	29.5	44.3#

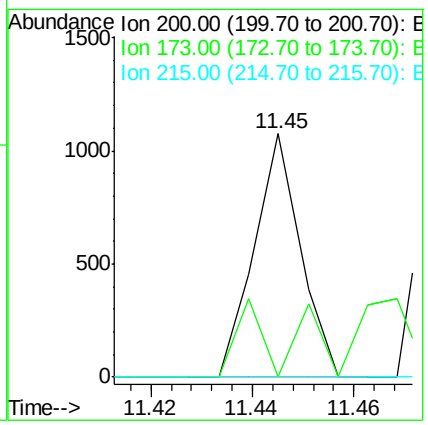


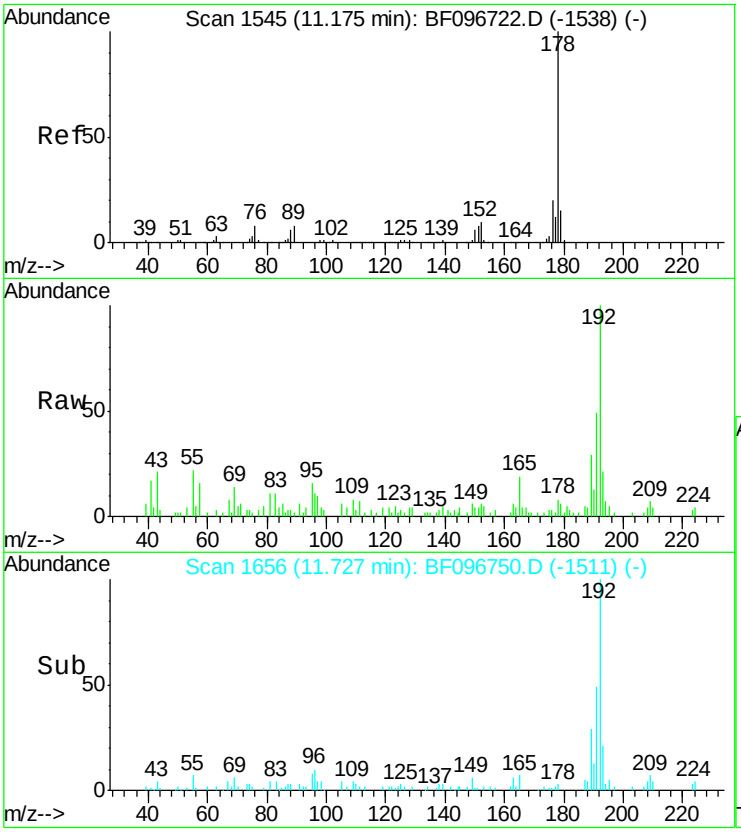


#68
Atrazine
Concen: 35.97 ng
RT: 11.45 min Scan# 1608
Delta R.T. 0.58 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:200 Resp: 677

Ion	Ratio	Lower	Upper
200	100		
173	0.0	6.3	46.3#
215	0.0	27.2	67.2#



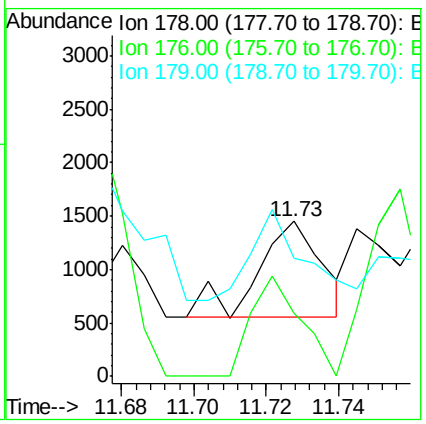


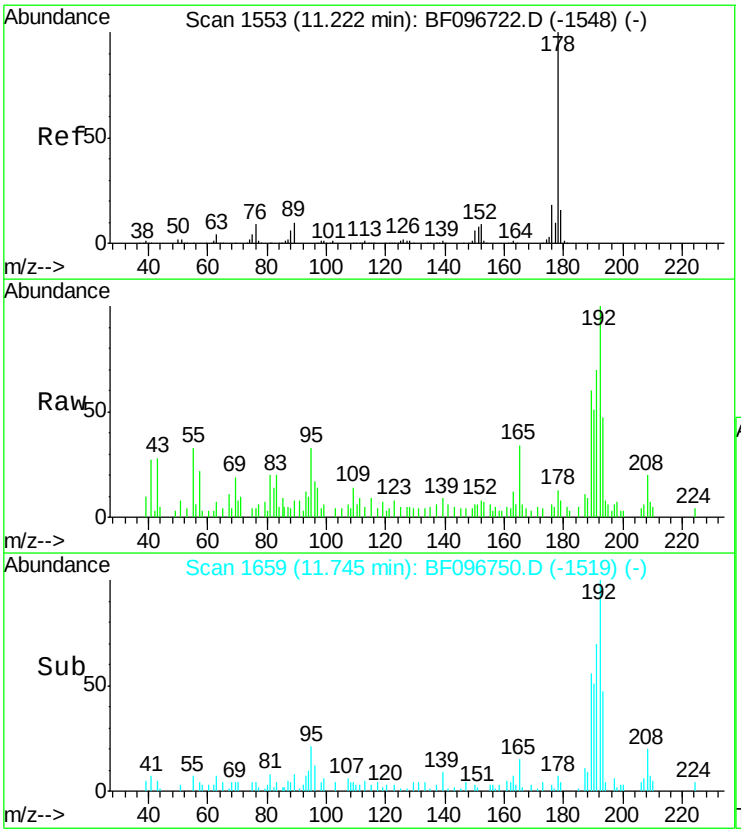
#70
Phenanthrene
Concen: 10.84 ng
RT: 11.73 min Scan# 1656
Delta R.T. 0.55 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:178 Resp: 1089

Ion	Ratio	Lower	Upper
178	100		
176	40.5	16.2	24.4#
179	75.8	12.6	19.0#

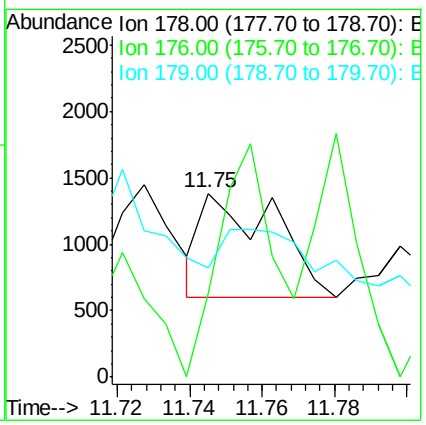


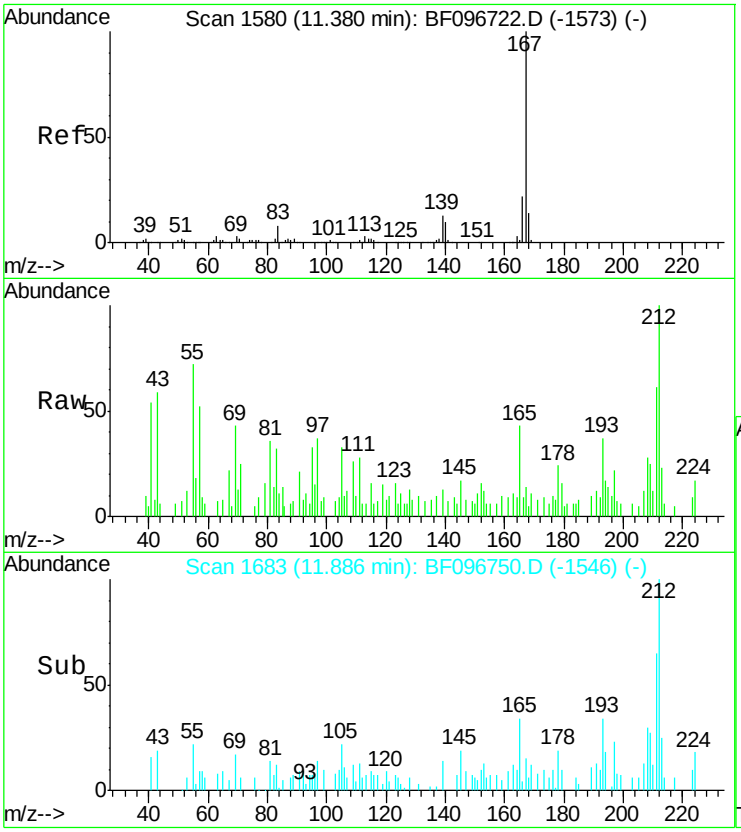


#71
Anthracene
Concen: 10.96 ng
RT: 11.75 min Scan# 1659
Delta R.T. 0.52 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:178 Resp: 1113

Ion	Ratio	Lower	Upper
178	100		
176	45.6	15.8	23.8#
179	59.2	12.7	19.1#



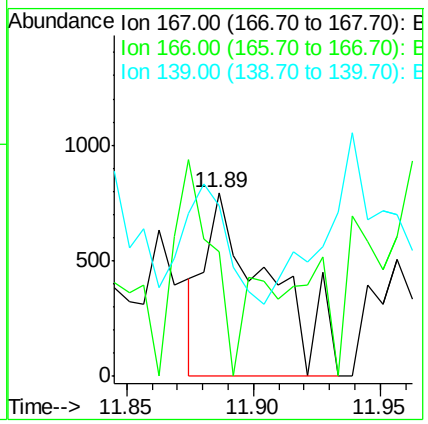


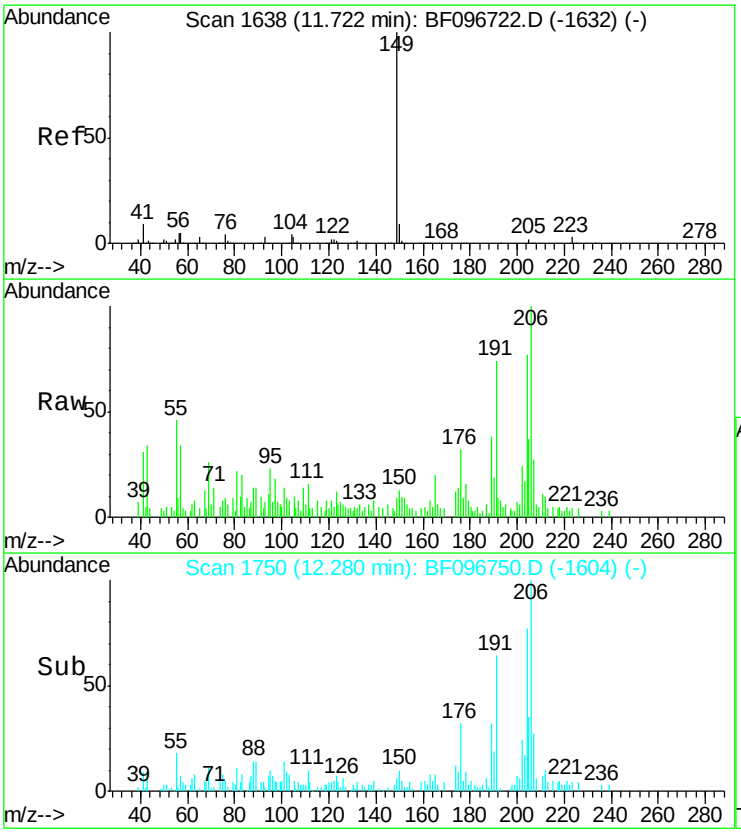
#72
Carbazole
Concen: 14.08 ng
RT: 11.89 min Scan# 1683
Delta R.T. 0.51 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:167 Resp: 1385

Ion	Ratio	Lower	Upper
167	100		
166	67.9	18.1	27.1#
139	92.8	11.7	17.5#

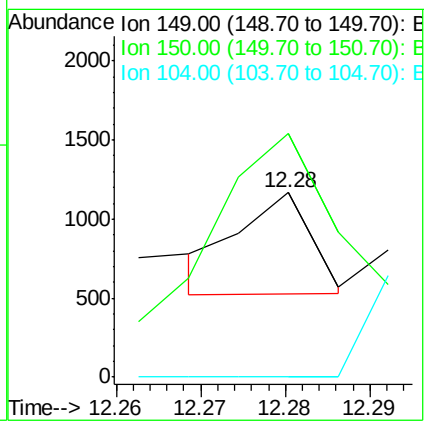


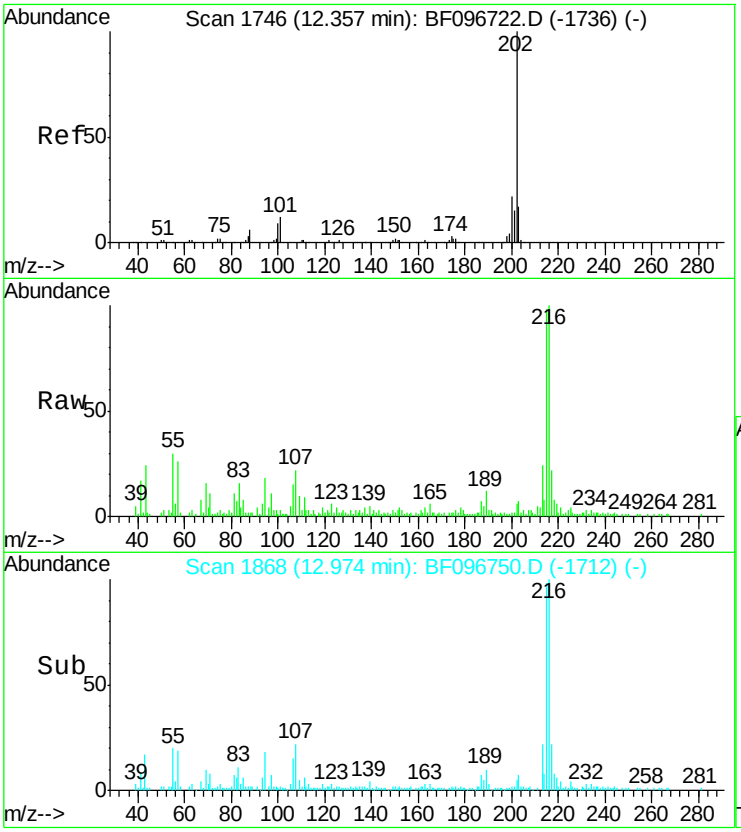


#73
Di-n-butylphthalate
Concen: 3.12 ng
RT: 12.28 min Scan# 1750
Delta R.T. 0.56 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:149 Resp: 382

Ion	Ratio	Lower	Upper
149	100		
150	132.0	7.7	11.5#
104	0.0	4.0	6.0#



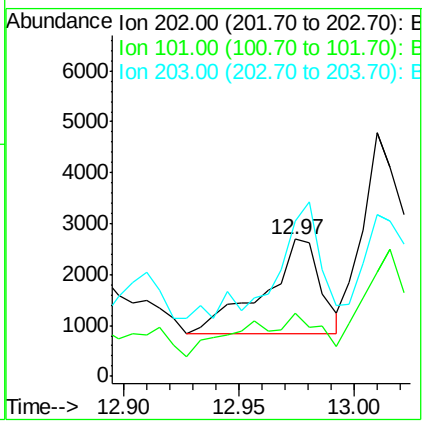


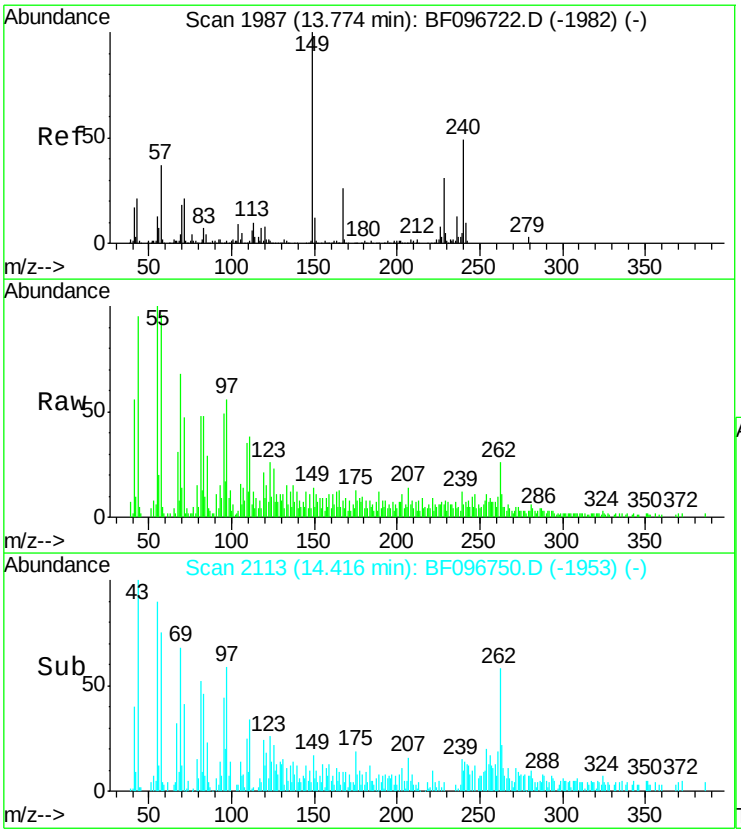
#74
Fluoranthene
Concen: 33.21 ng
RT: 12.97 min Scan# 1868
Delta R.T. 0.62 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:202 Resp: 3194

Ion	Ratio	Lower	Upper
202	100		
101	46.1	0.0	33.2#
203	113.0	0.0	38.1#

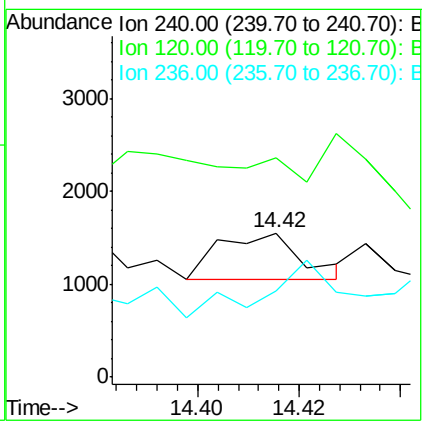


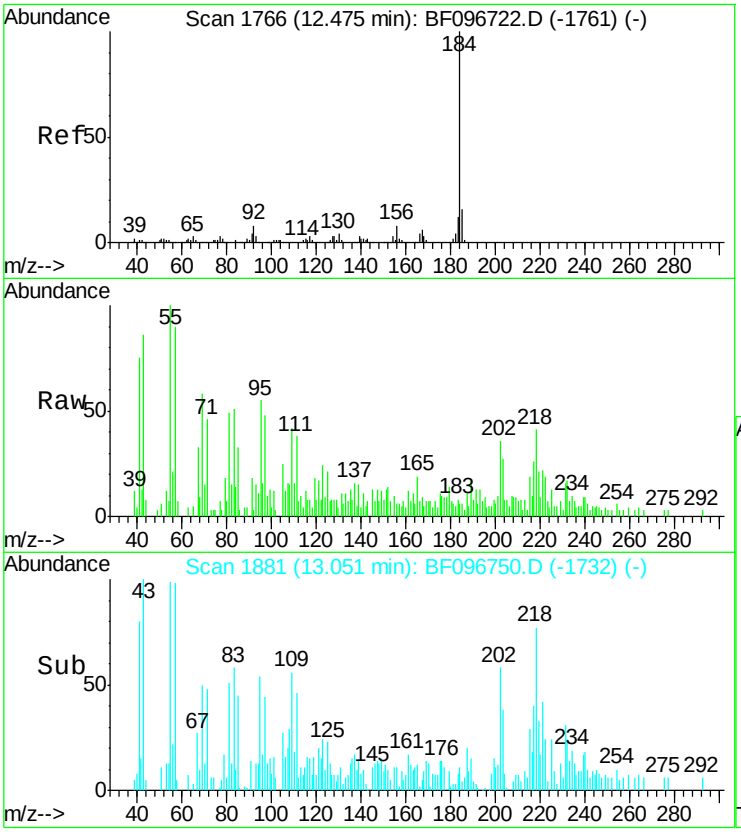


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.42 min Scan# 2113
Delta R.T. 0.64 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:240 Resp: 562

Ion	Ratio	Lower	Upper
240	100		
120	152.4	5.8	8.8#
236	60.1	20.5	30.7#



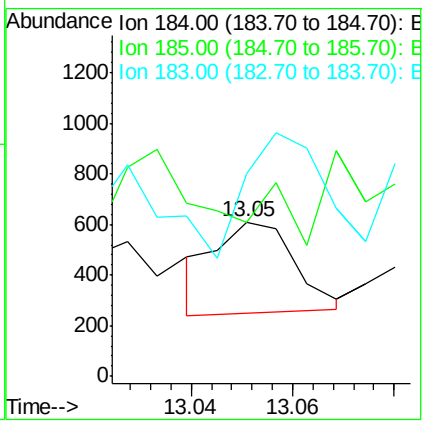


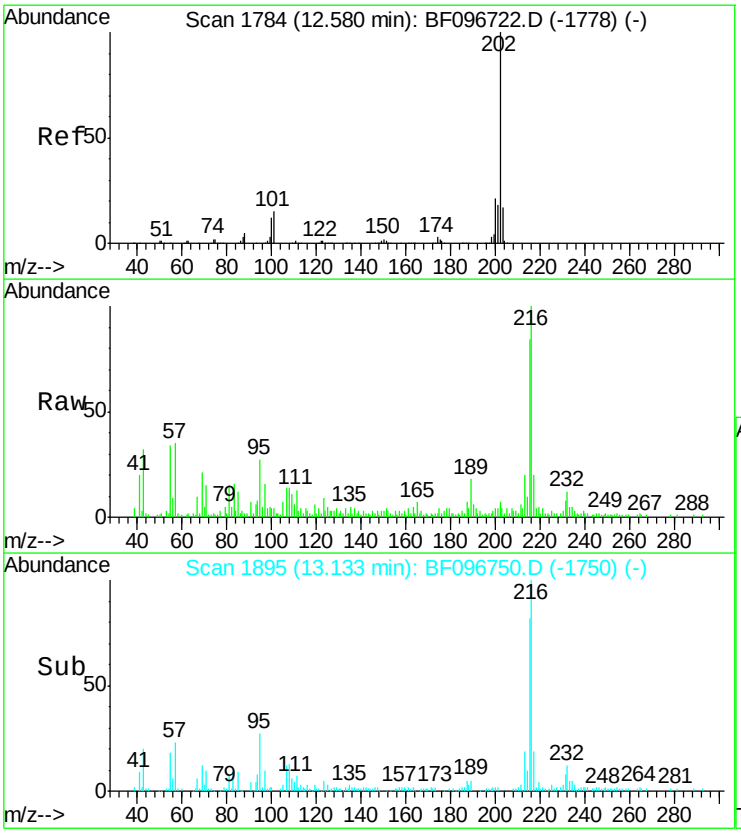
#76
Benzidine
Concen: 21.18 ng
RT: 13.05 min Scan# 1881
Delta R.T. 0.58 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:184 Resp: 390

Ion	Ratio	Lower	Upper
184	100		
185	99.7	15.5	23.3#
183	131.2	9.8	14.6#

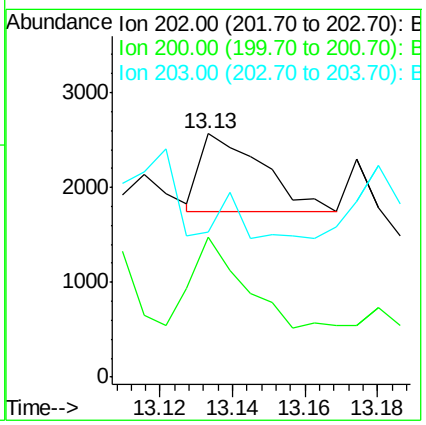


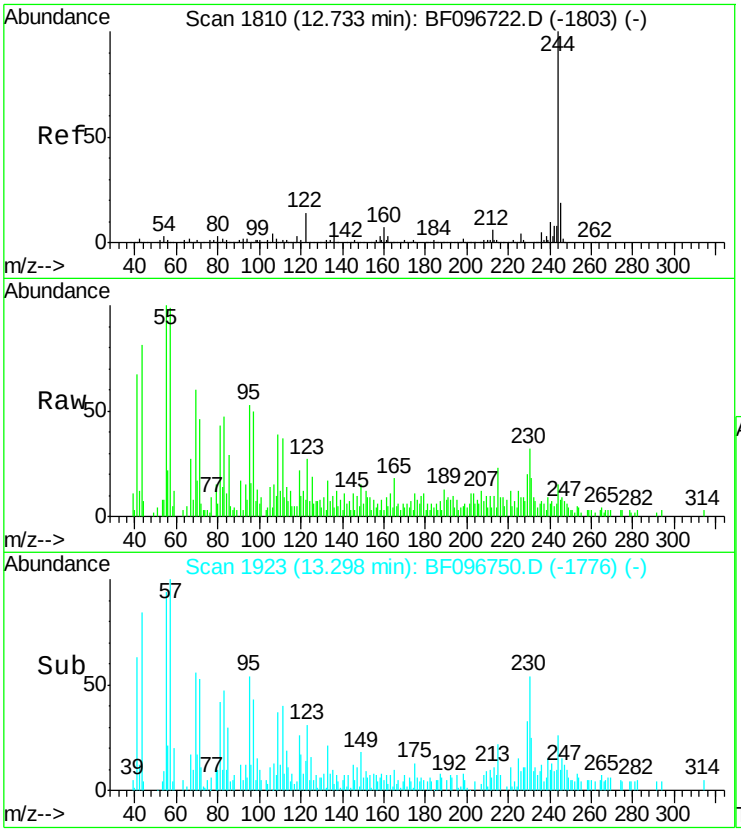


#77
Pyrene
Concen: 18.96 ng
RT: 13.13 min Scan# 1895
Delta R.T. 0.55 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:202 Resp: 967

Ion	Ratio	Lower	Upper
202	100		
200	57.7	17.6	26.4#
203	59.3	14.4	21.6#



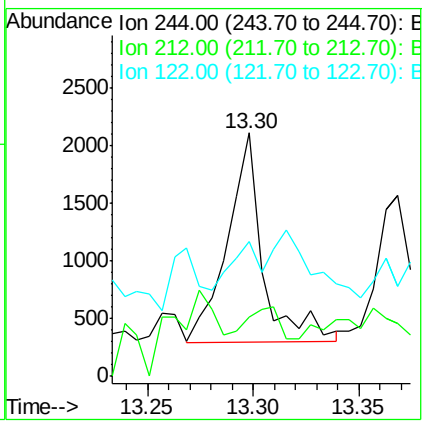


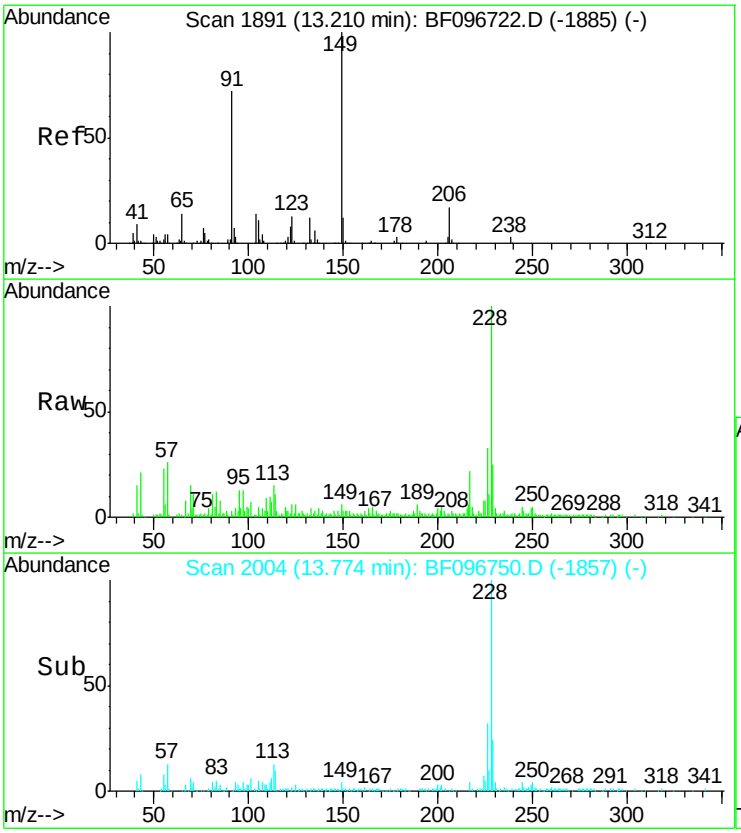
#78
Terphenyl-d14
Concen: 64.37 ng
RT: 13.30 min Scan# 1923
Delta R.T. 0.56 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:244 Resp: 2086

Ion	Ratio	Lower	Upper
244	100		
212	24.1	6.0	9.0#
122	55.4	10.3	15.5#

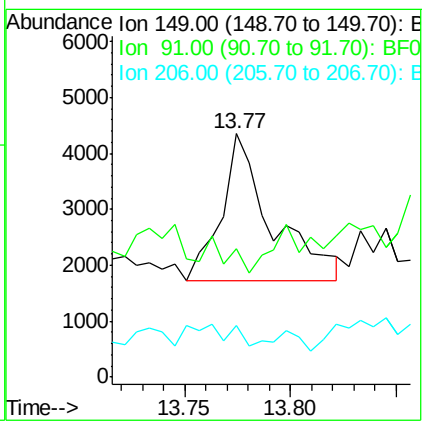


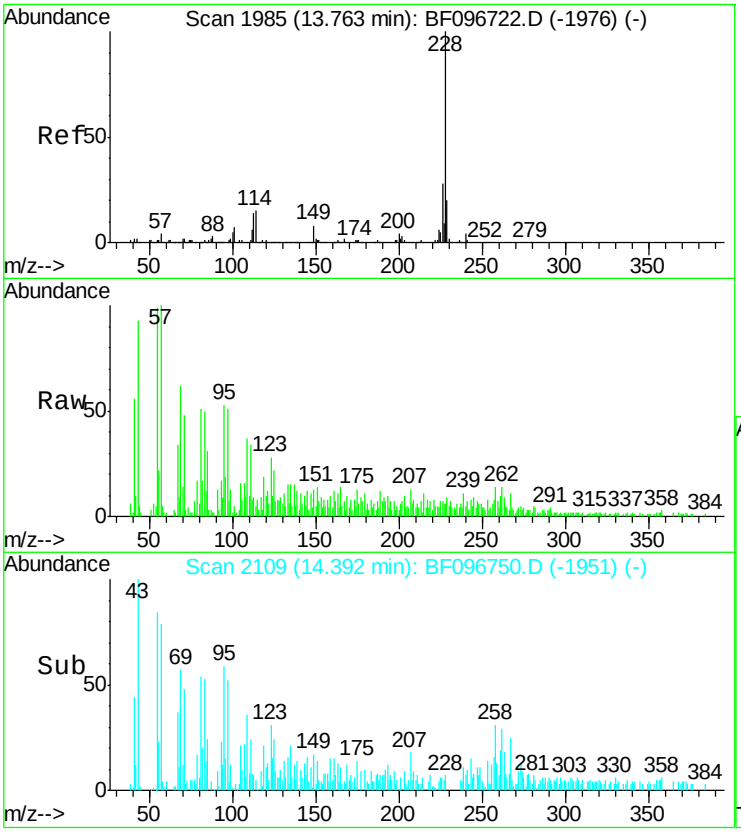


#79
Butylbenzylphthalate
Concen: 356.94 ng
RT: 13.77 min Scan# 2004
Delta R.T. 0.56 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:149 Resp: 4325

Ion	Ratio	Lower	Upper
149	100		
91	52.5	45.0	67.4
206	21.3	17.0	25.6



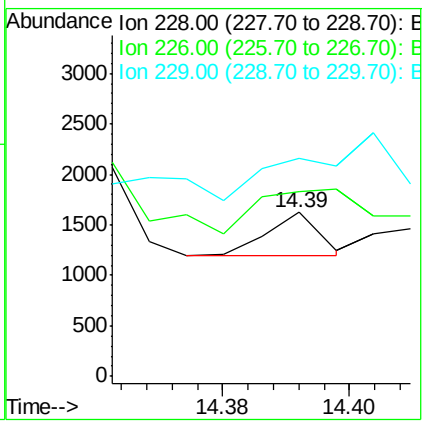


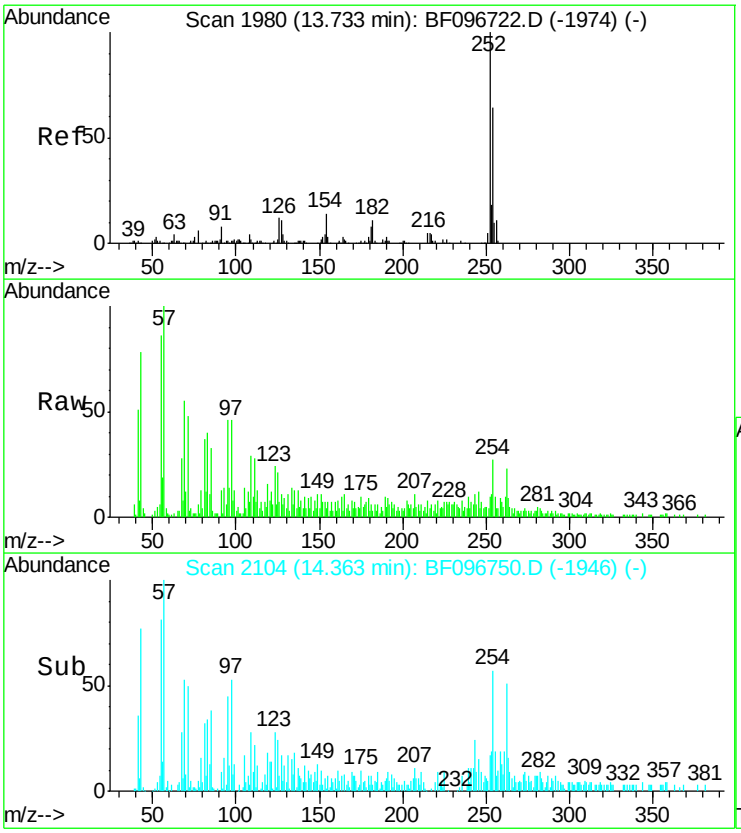
#80
Benzo(a)anthracene
Concen: 7.14 ng
RT: 14.39 min Scan# 2109
Delta R.T. 0.63 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:228 Resp: 250

Ion	Ratio	Lower	Upper
228	100		
226	112.6	22.6	33.8#
229	133.1	16.3	24.5#

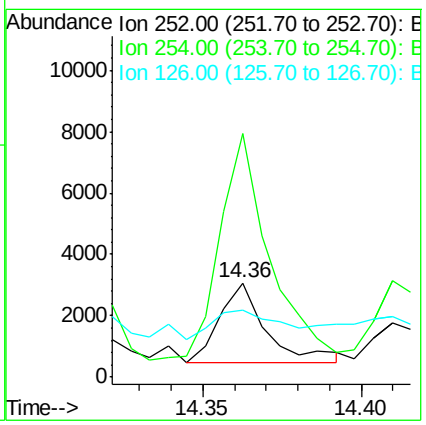


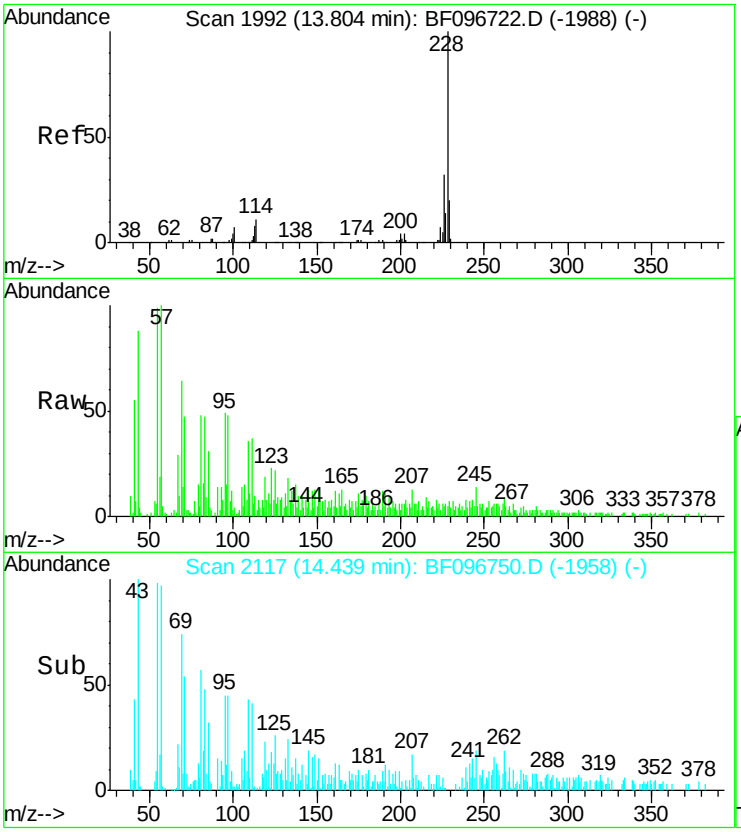


#81
3,3'-Dichlorobenzidine
Concen: 212.20 ng
RT: 14.36 min Scan# 2104
Delta R.T. 0.63 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:252 Resp: 2672

Ion	Ratio	Lower	Upper
252	100		
254	258.6	51.5	77.3#
126	71.0	15.8	23.8#



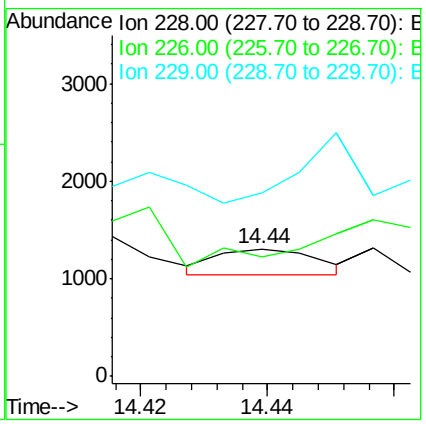


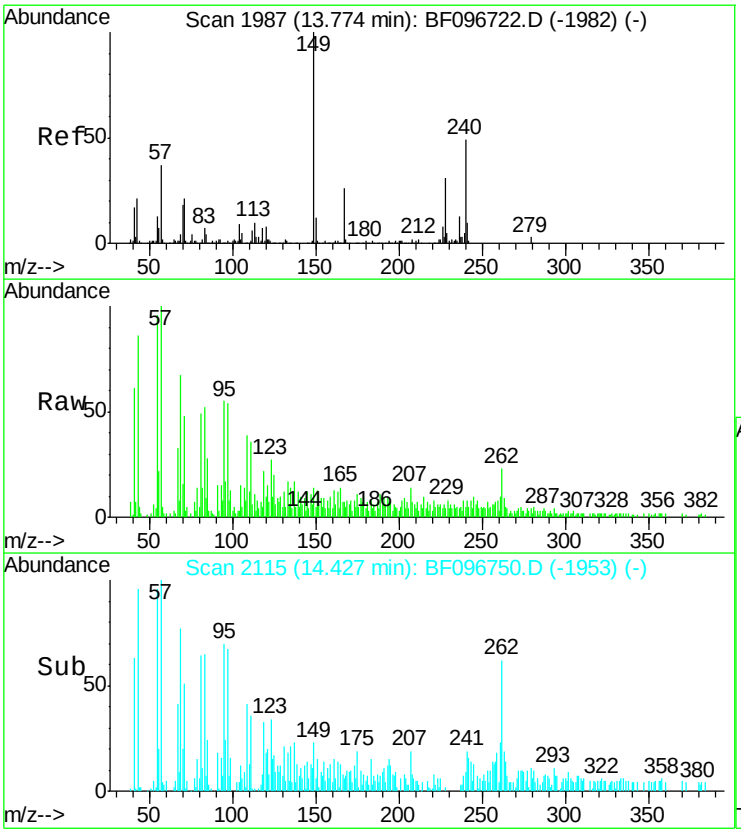
#82
Chrysene
Concen: 8.38 ng
RT: 14.44 min Scan# 2117
Delta R.T. 0.64 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:228 Resp: 289

Ion	Ratio	Lower	Upper
228	100		
226	93.7	24.9	37.3#
229	144.7	15.8	23.6#

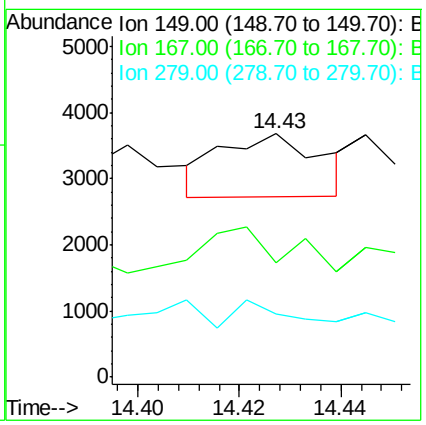


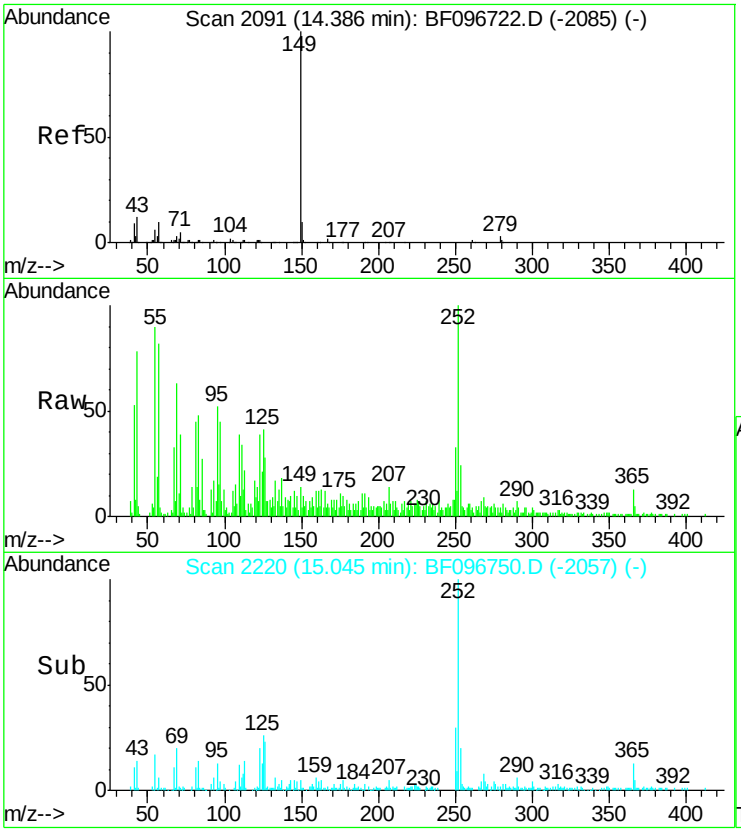


#83
Bis(2-ethylhexyl)phthalate
Concen: 44.32 ng
RT: 14.43 min Scan# 2115
Delta R.T. 0.65 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:149 Resp: 1308

Ion	Ratio	Lower	Upper
149	100		
167	47.0	21.0	31.4#
279	26.0	1.9	2.9#



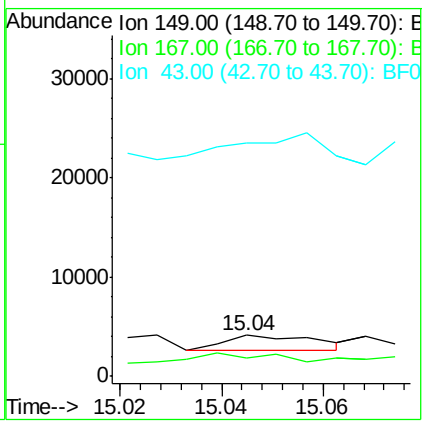


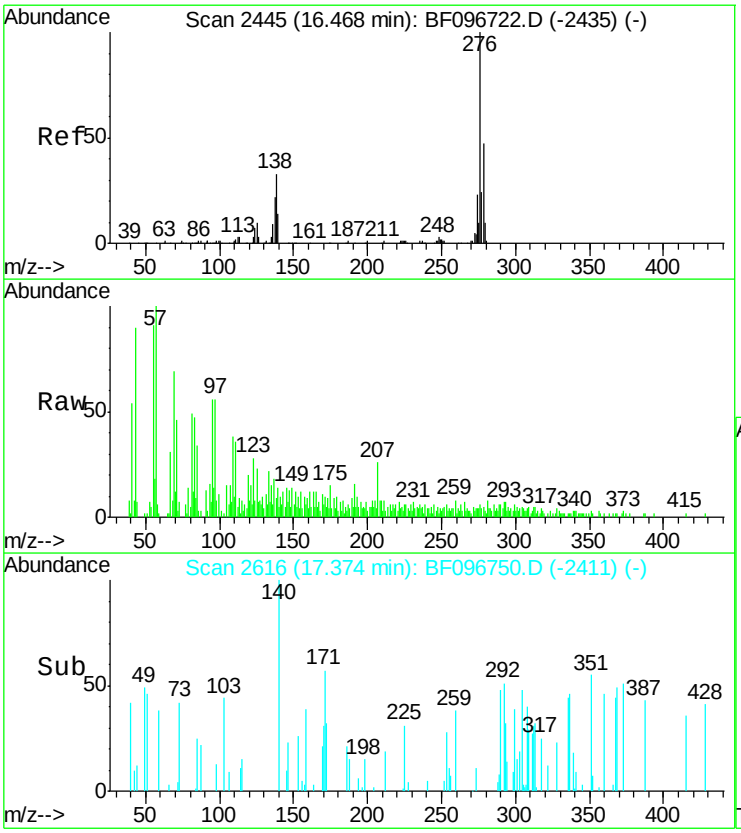
#84
Di-n-octyl phthalate
Concen: 37.18 ng
RT: 15.04 min Scan# 2220
Delta R.T. 0.66 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:149 Resp: 1814

Ion	Ratio	Lower	Upper
149	100		
167	64.7	1.2	1.8#
43	238.4	8.5	12.7#

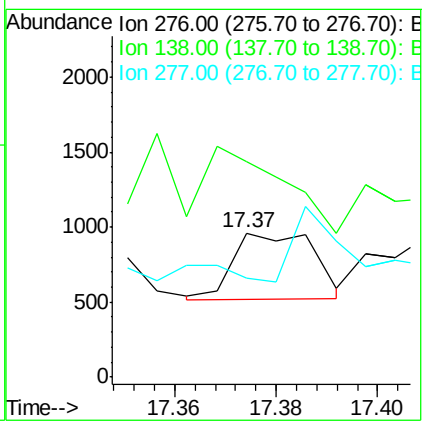


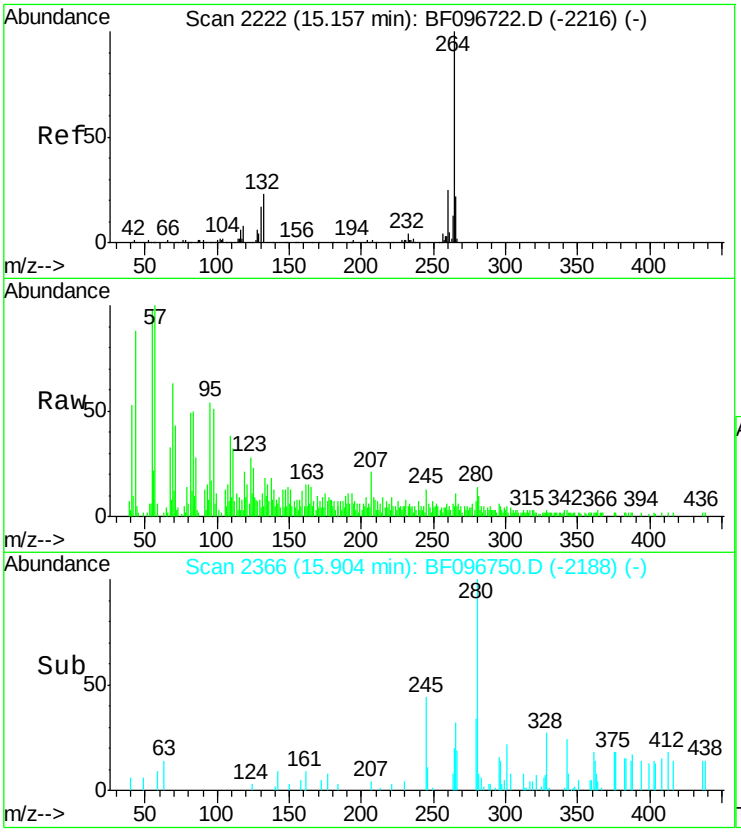


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.66 ng
RT: 17.37 min Scan# 2616
Delta R.T. 0.91 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:276 Resp: 485

Ion	Ratio	Lower	Upper
276	100		
138	124.9	27.8	41.6#
277	101.0	20.2	30.4#



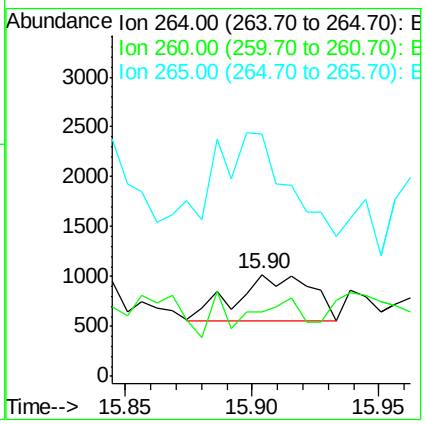


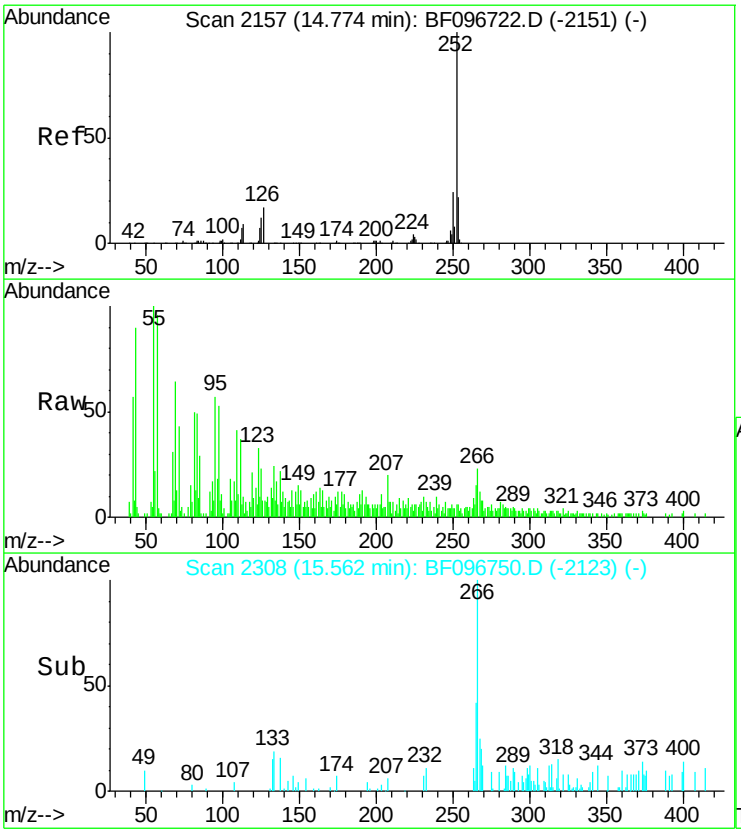
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.90 min Scan# 2366
Delta R.T. 0.75 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:264 Resp: 947

Ion	Ratio	Lower	Upper
264	100		
260	63.5	19.5	29.3#
265	237.6	17.2	25.8#

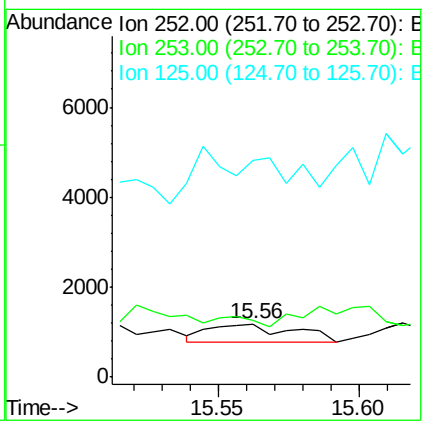


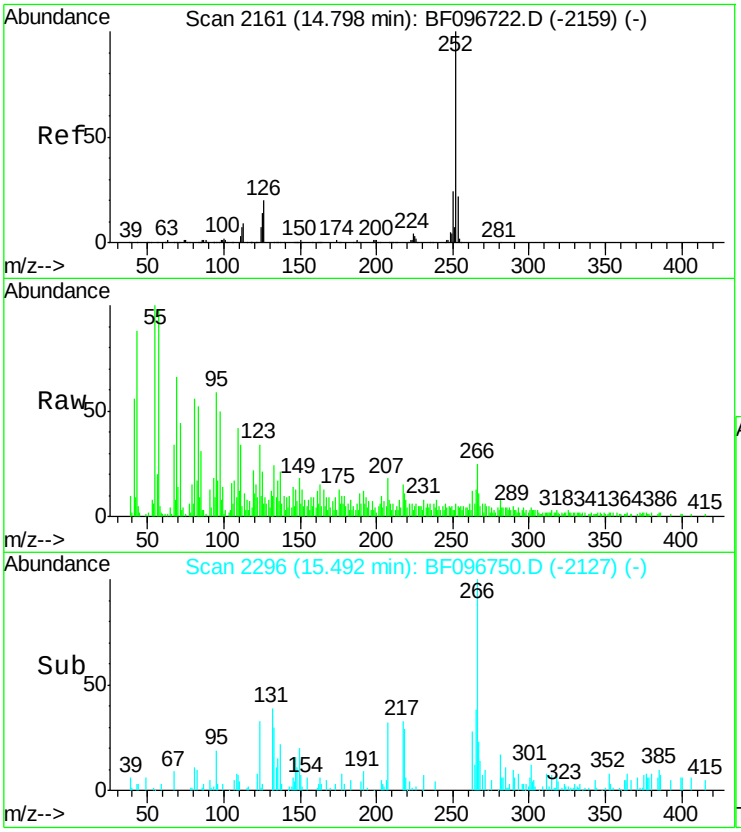


#87
Benzo(b)fluoranthene
Concen: 14.02 ng
RT: 15.56 min Scan# 2308
Delta R.T. 0.79 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:252 Resp: 801

Ion	Ratio	Lower	Upper
252	100		
253	106.7	18.1	27.1#
125	405.2	9.8	14.8#



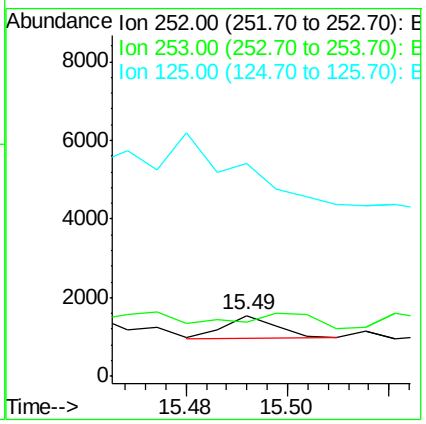


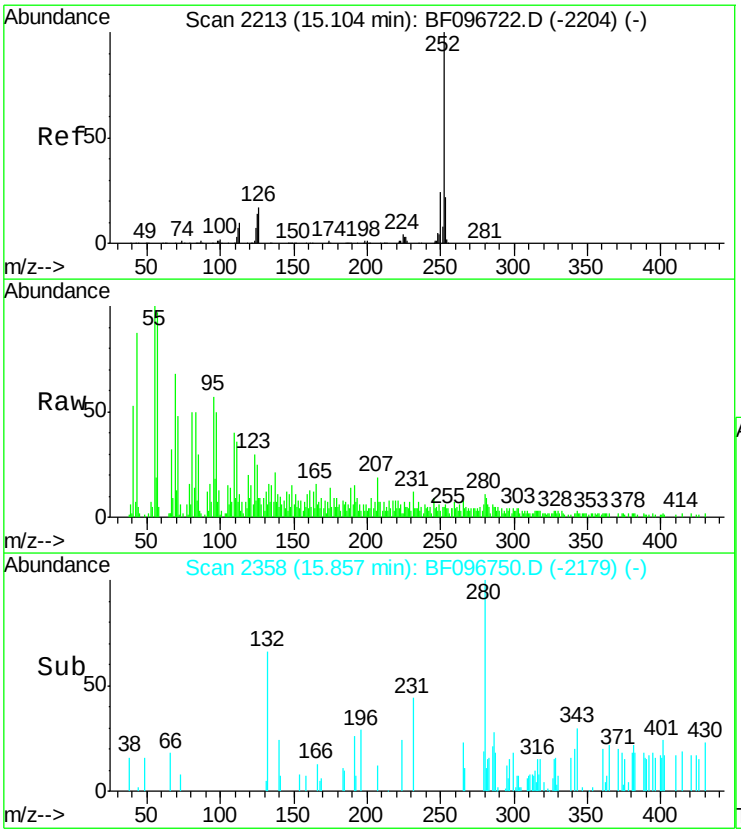
#88
Benzo(k)fluoranthene
Concen: 7.41 ng
RT: 15.49 min Scan# 2296
Delta R.T. 0.69 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:252 Resp: 401

Ion	Ratio	Lower	Upper
252	100		
253	88.5	18.4	27.6#
125	351.5	13.1	19.7#

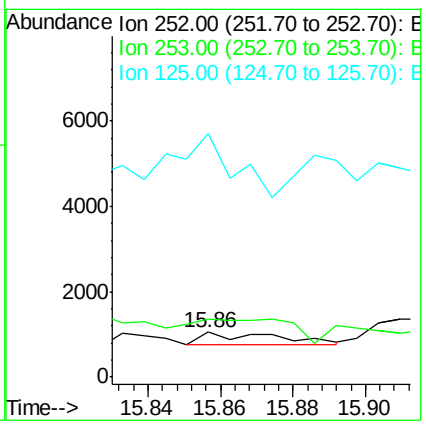


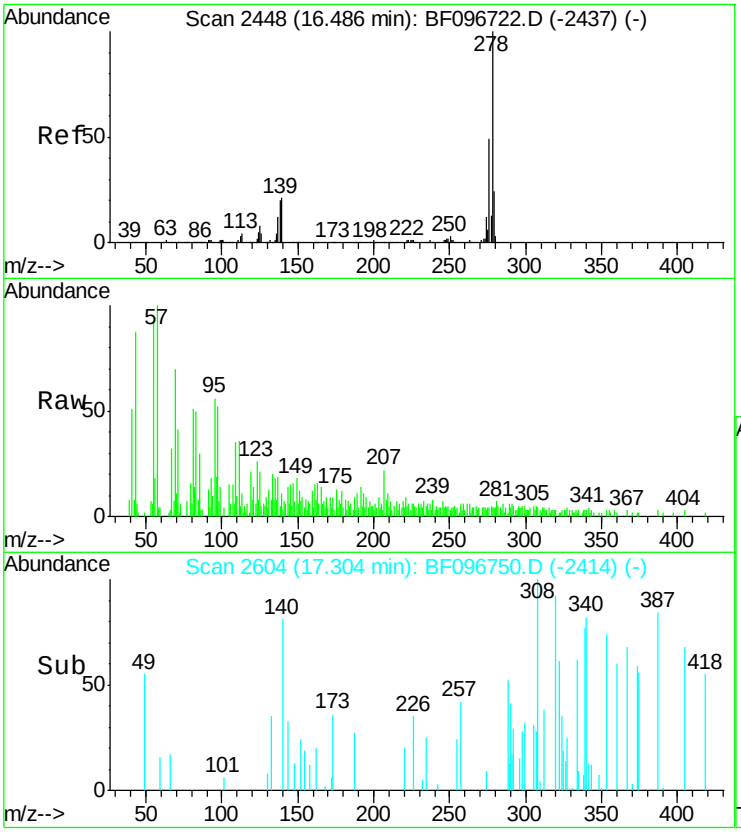


#89
Benzo(a)pyrene
Concen: 8.67 ng
RT: 15.86 min Scan# 2358
Delta R.T. 0.75 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:252 Resp: 454

Ion	Ratio	Lower	Upper
252	100		
253	127.3	17.5	26.3#
125	540.1	11.0	16.4#



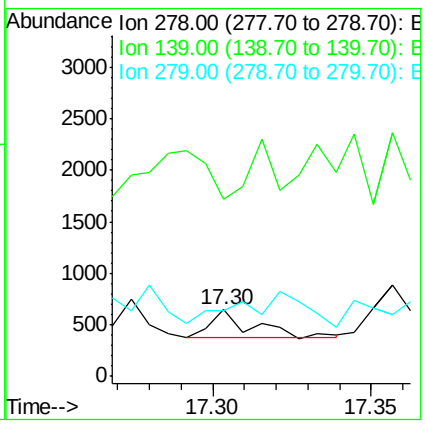


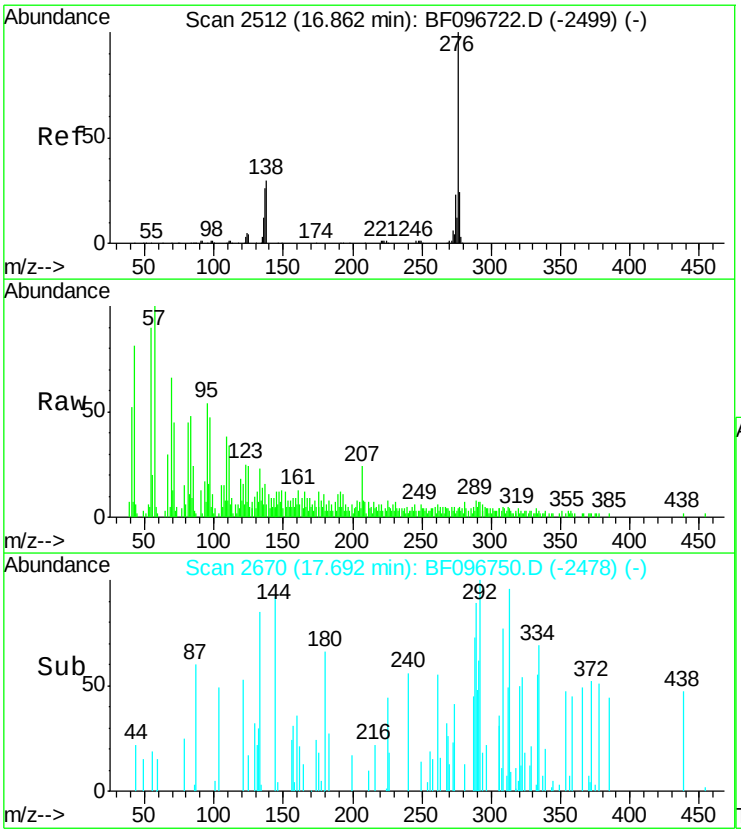
#90
Dibenzo(a,h)anthracene
Concen: 4.67 ng
RT: 17.30 min Scan# 2604
Delta R.T. 0.82 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SU-04-071217

Tgt Ion:278 Resp: 225

Ion	Ratio	Lower	Upper
278	100		
139	265.9	16.6	24.8#
279	99.2	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 4.96 ng
RT: 17.69 min Scan# 2670
Delta R.T. 0.83 min
Lab File: BF096750.D
Acq: 14 Jul 2017 1:50

Tgt Ion:276 Resp: 256

Ion	Ratio	Lower	Upper
276	100		
277	106.6	18.6	28.0#
138	140.2	25.4	38.0#