Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098766.D
Acq On : 24 Sep 2017 5:02
Operator : SJ/JU
Sample : I5288-01DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 05:06:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	92695	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	332505	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	119977	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	193271	20.00	ng		0.00
75) Chrysene-d12	14.09	240	175635	20.00	ng		0.00
86) Perylene-d12	15.59	264	147711	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	128679	22.10	ng		-0.01
7) Phenol-d6	6.53	99	144978	20.18	ng		-0.01
23) Nitrobenzene-d5	7.47	82	77919	15.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	16548	16.86	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	137908	19.19	ng		0.00
78) Terphenyl-d14	13.03	244	102528	13.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	107	0.04	ng	#	1
9) Benzaldehyde	6.53	77	156	0.04	ng	#	1
10) Phenol	6.55	94	4549	0.57	ng		99
15) Benzyl Alcohol	7.07	79	1728	0.33	ng	#	33
16) 2,2'-oxybis(1-Chloropropan	7.08	45	243	0.02	ng	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	10220	2.23	ng	#	82
22) Acetophenone	7.31	105	233	0.03	ng	#	54
24) Nitrobenzene	7.47	77	231	0.04	ng	#	38
25) Isophorone	7.47	82	77774	7.26	ng	#	64
28) bis(2-Chloroethoxy)methane	7.80	93	268	0.04	ng	#	49
31) Naphthalene	8.22	128	539	0.03	ng	#	68
35) Caprolactam	8.62	113	366	0.25	ng	#	1
36) 4-Chloro-3-methylphenol	8.74	107	245	0.05	ng	#	20
37) 2-Methylnaphthalene	8.92	142	153	0.02	ng	#	64
45) 1,1'-Biphenyl	9.37	154	285	0.03	ng	#	42
46) 2-Chloronaphthalene	9.67	162	172	0.02	ng	#	1
47) 2-Nitroaniline	9.50	65	323	0.14	ng	#	2
48) Acenaphthylene	9.83	152	893	0.08	ng	#	1
49) Dimethylphthalate	9.67	163	31562	3.49	ng	#	98
50) 2,6-Dinitrotoluene	9.67	165	1057	0.54	ng	#	54
51) Acenaphthene	9.96	154	498	0.07	ng	#	4
52) 3-Nitroaniline	9.94	138	1089	0.47	ng	#	1
54) Dibenzofuran	10.14	168	322	0.03	ng	#	1
55) 4-Nitrophenol	10.05	139	260	0.13	ng	#	1
56) 2,4-Dinitrotoluene	10.12	165	630	0.25	ng	#	21
57) Fluorene	10.51	166	1243	0.15	ng	#	1
59) Diethylphthalate	10.37	149	1343	0.15	ng	#	60
60) 4-Chlorophenyl-phenylether	10.32	204	113	0.03	ng	#	18
61) 4-Nitroaniline	10.69	138	588	0.27	ng		84
62) Azobenzene	10.65	77	263	0.03	ng	#	58
65) n-Nitrosodiphenylamine	10.60	169	1572	0.23	ng	#	83
66) 4-Bromophenyl-phenylether	11.13	248	662	0.35	ng	#	22
68) Atrazine	11.14	200	274	0.14	ng	#	17
70) Phenanthrene	11.47	178	1361	0.13	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098766.D
Acq On : 24 Sep 2017 5:02
Operator : SJ/JU
Sample : I5288-01DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 05:06:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	11.53	178	564	0.05	ng	#	1
72) Carbazole	11.67	167	1199	0.12	ng	#	1
73) Di-n-butylphthalate	12.00	149	203897	16.34	ng		99
74) Fluoranthene	12.66	202	1717	0.16	ng	#	1
76) Benzidine	12.78	184	791	0.12	ng	#	1
77) Pyrene	12.89	202	1675	0.13	ng	#	4
79) Butylbenzylphthalate	13.42	149	2975	0.47	ng		91
80) Benzo(a)anthracene	14.09	228	1464	0.14	ng	#	1
81) 3,3'-Dichlorobenzidine	14.04	252	1081	0.28	ng	#	1
82) Chrysene	14.09	228	1464	0.14	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.06	149	260563	30.06	ng		99
84) Di-n-octyl phthalate	14.68	149	16205	1.16	ng	#	74
87) Benzo(b)fluoranthene	15.14	252	254	0.03	ng	#	1
88) Benzo(k)fluoranthene	15.14	252	254	0.03	ng	#	1
89) Benzo(a)pyrene	15.52	252	476	0.06	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 28 Sample Multiplier: 1

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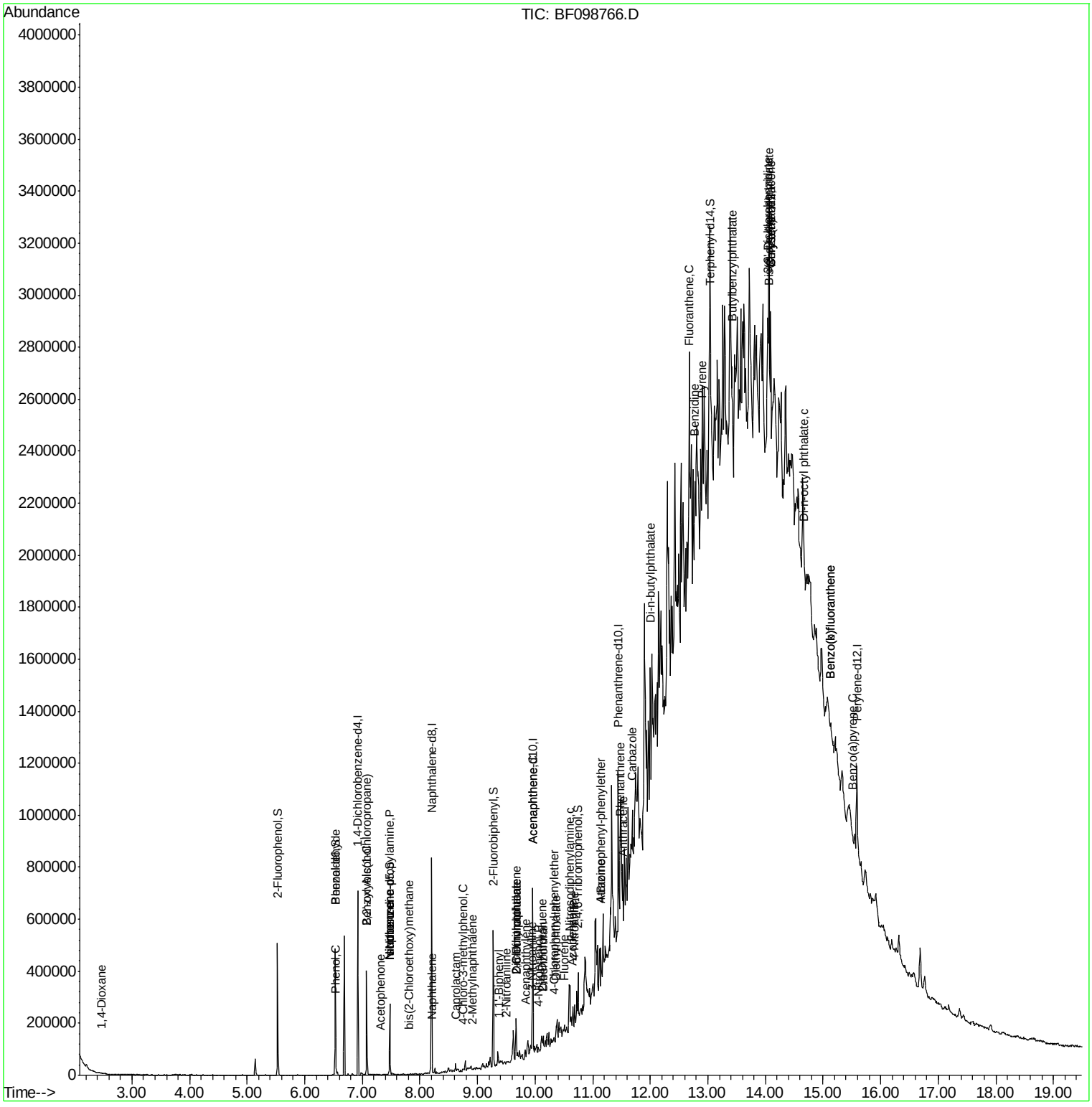
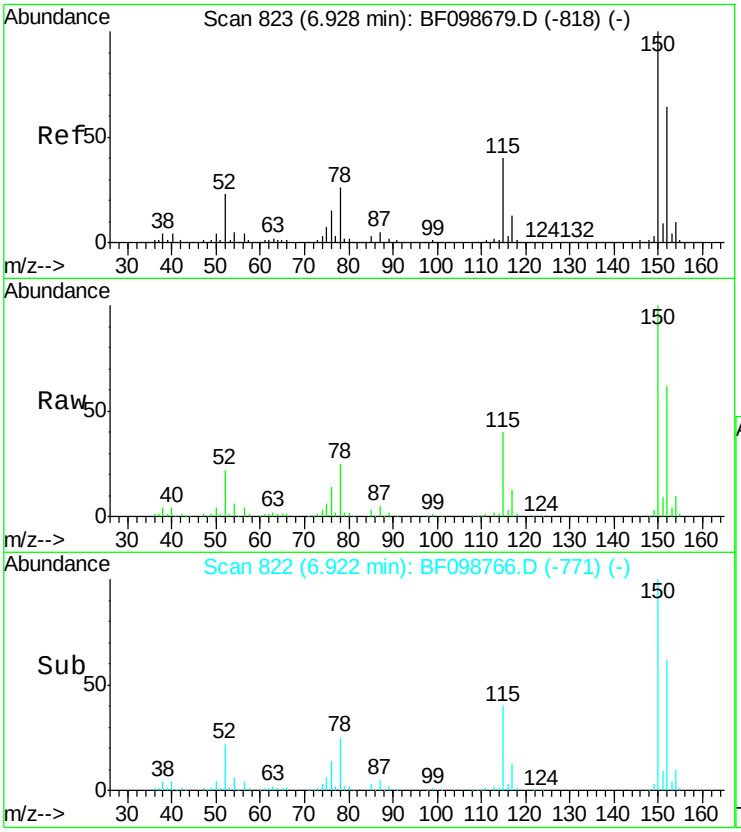
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



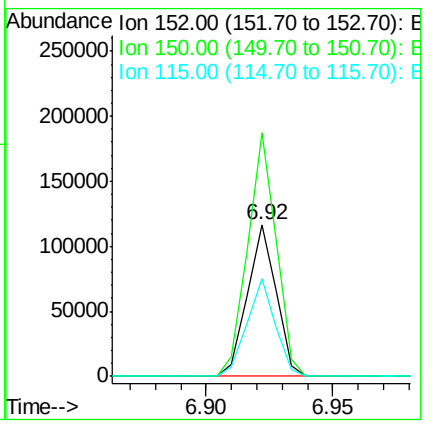


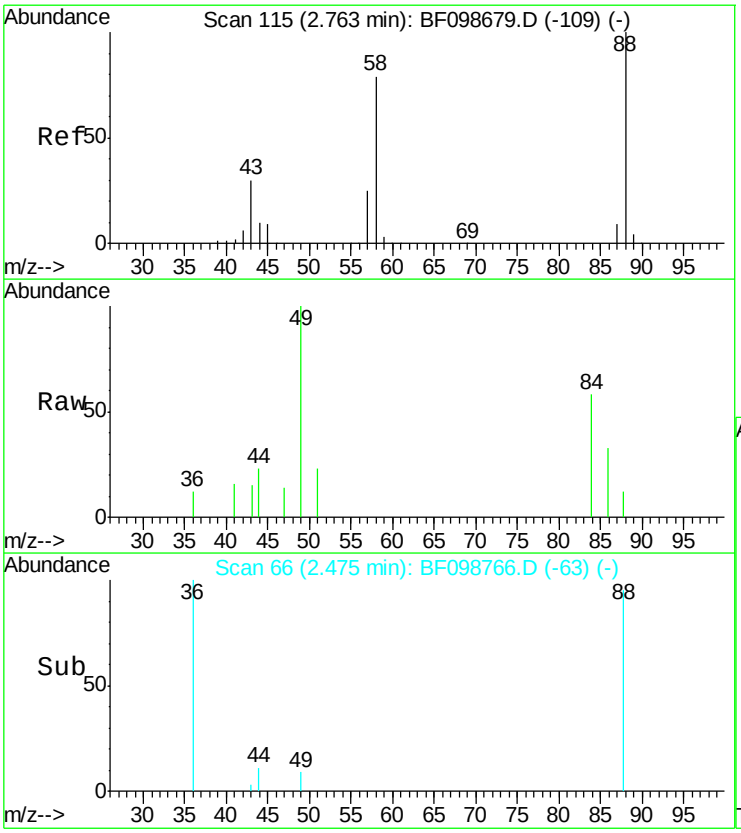
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92695

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	64.4	50.1	75.1

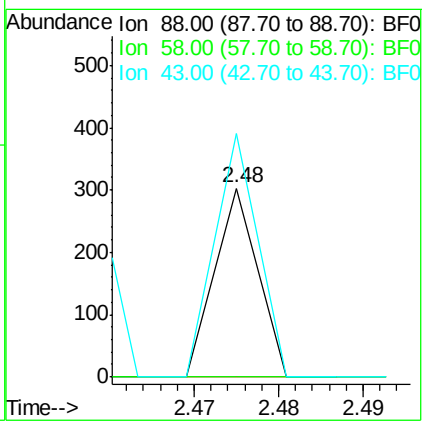


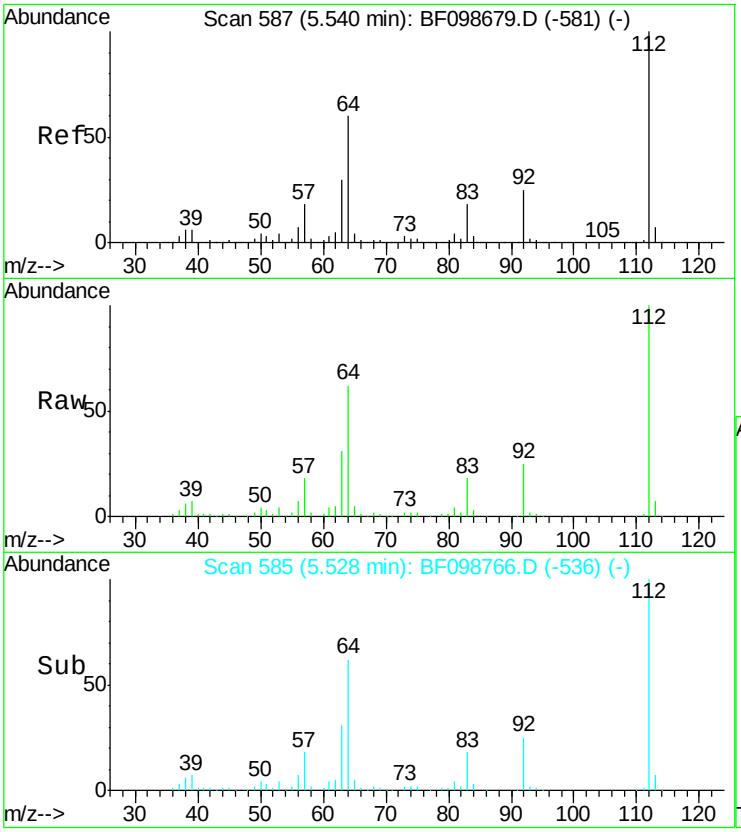


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.28 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	129.0	24.6	37.0#



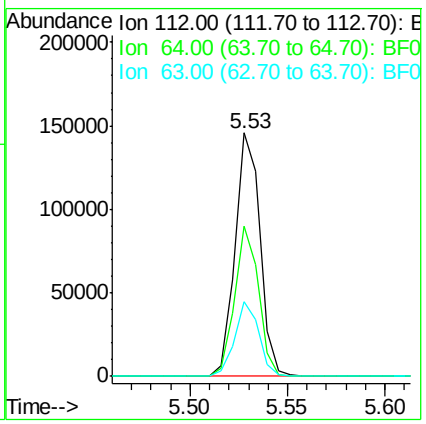


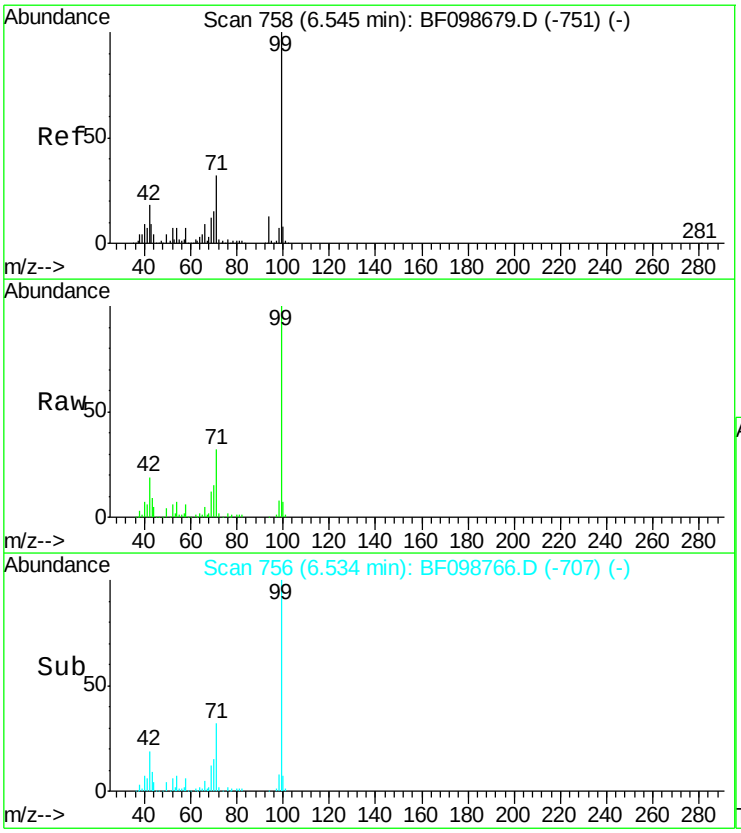
#5
2-Fluorophenol
Concen: 22.10 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 128679

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	30.6	23.7	35.5

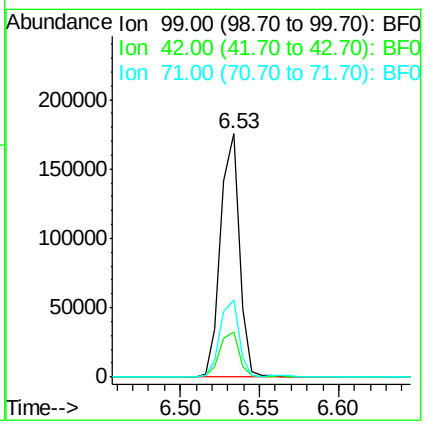


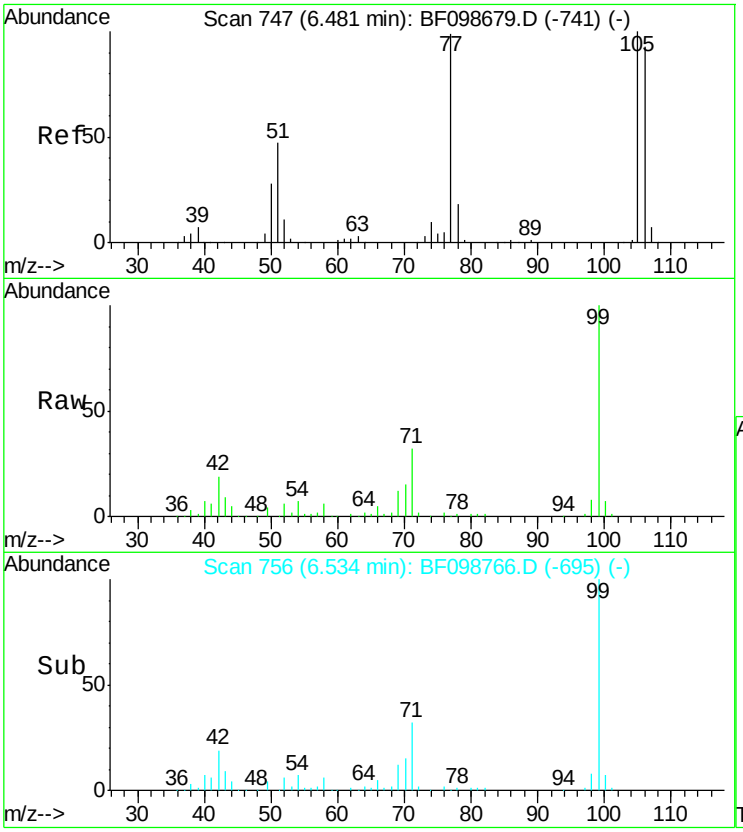


#7
Phenol-d6
Concen: 20.18 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 99 Resp: 144978

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	31.7	25.4	38.0



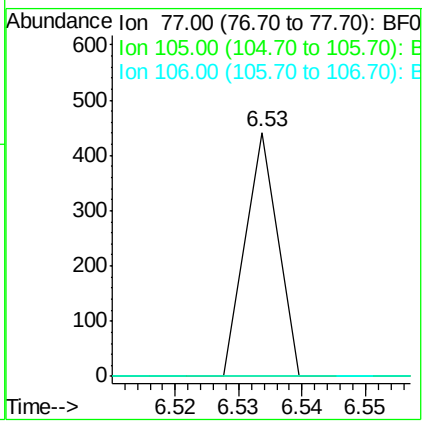


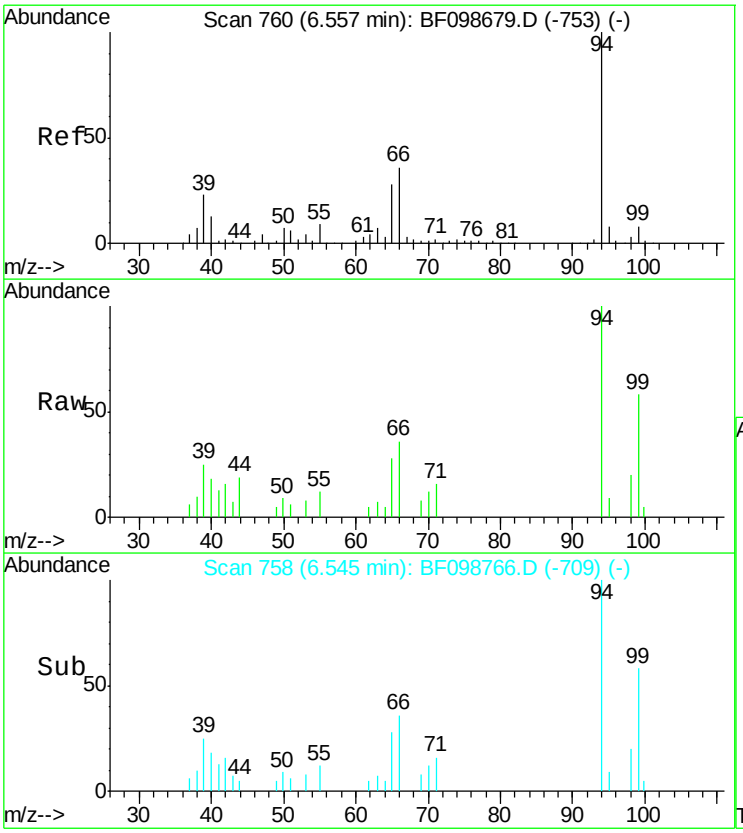
#9
Benzaldehyde
Concen: 0.04 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.06 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 156

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.1	121.1#
106	0.0	74.5	114.5#

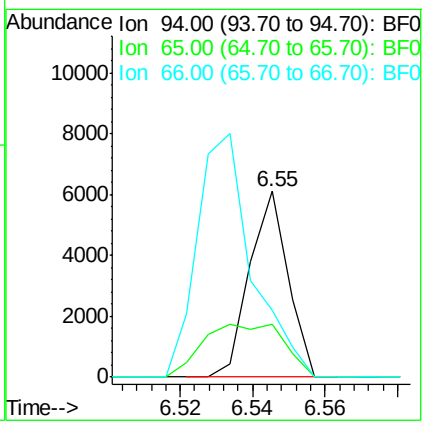


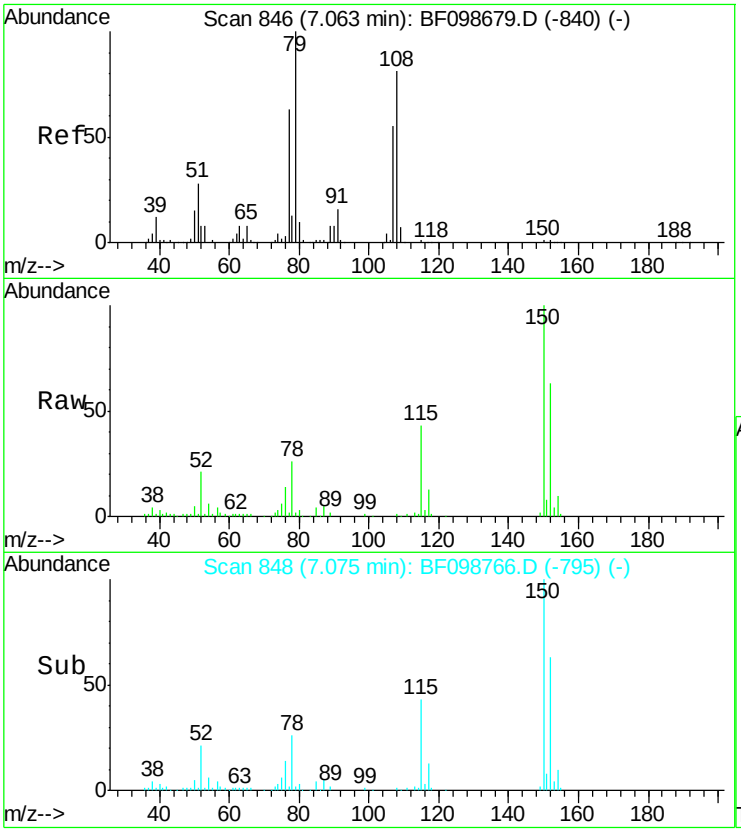


#10
Phenol
Concen: 0.57 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 94 Resp: 4549

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	35.7	16.2	56.2



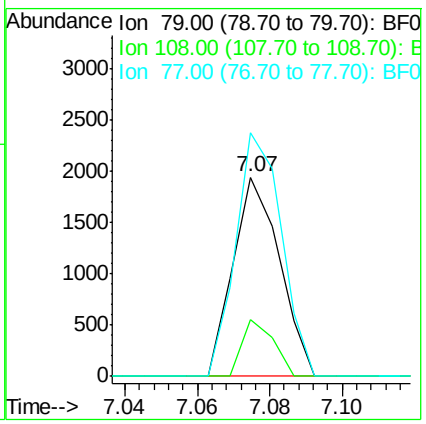


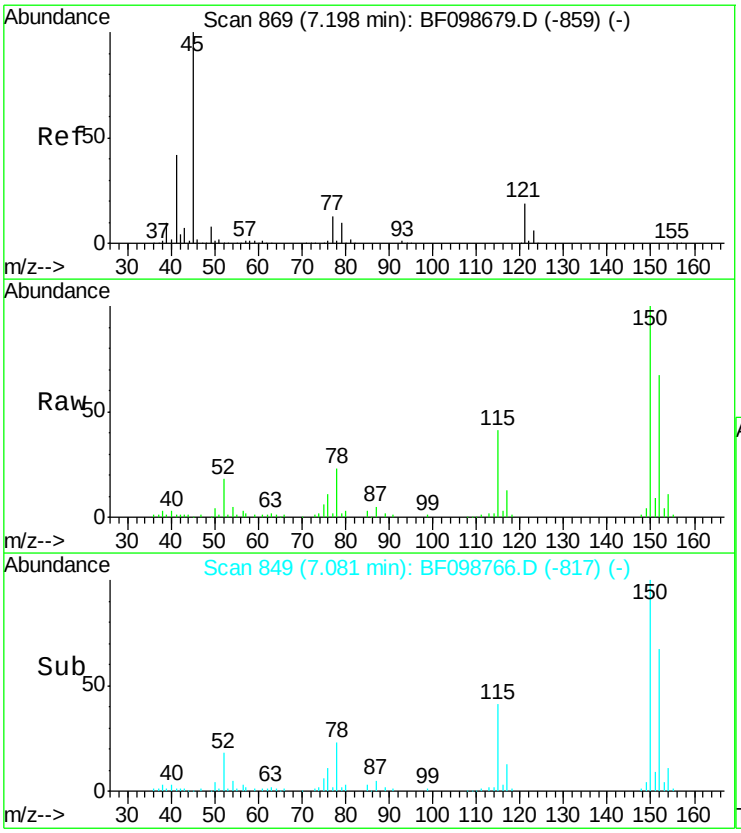
#15
Benzyl Alcohol
Concen: 0.33 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1728

Ion	Ratio	Lower	Upper
79	100		
108	28.4	65.1	97.7#
77	122.4	50.6	75.8#

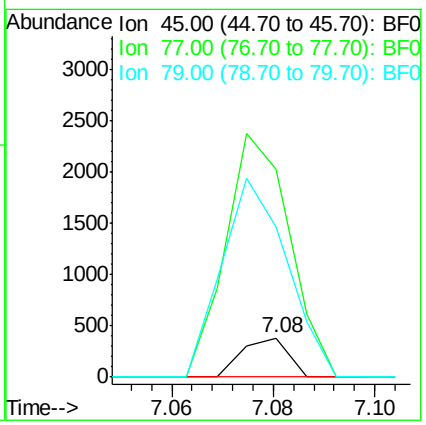


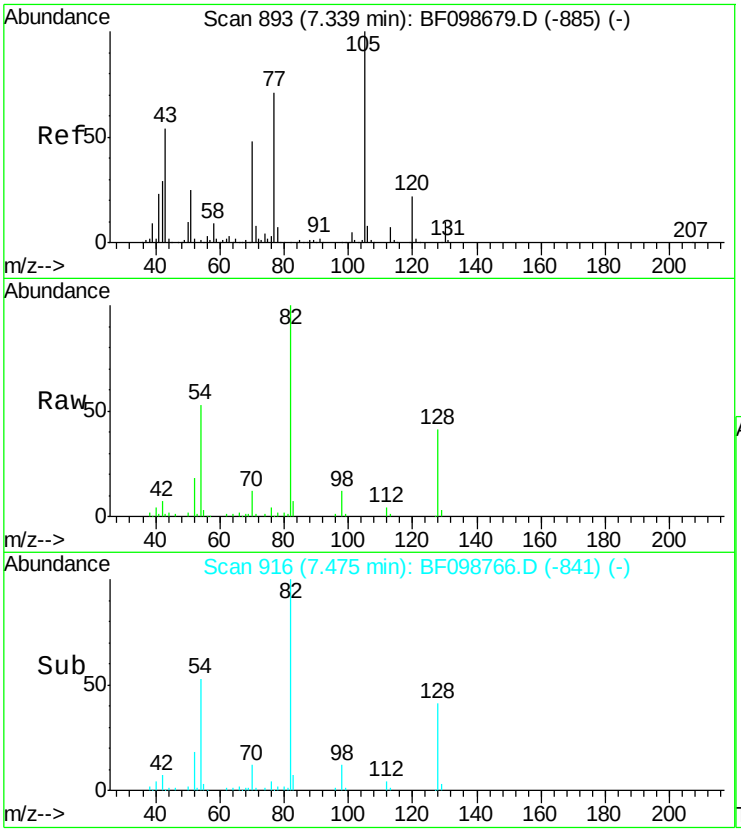


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.11 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 45 Resp: 243

Ion	Ratio	Lower	Upper
45	100		
77	528.4	0.0	32.9#
79	381.8	0.0	29.6#



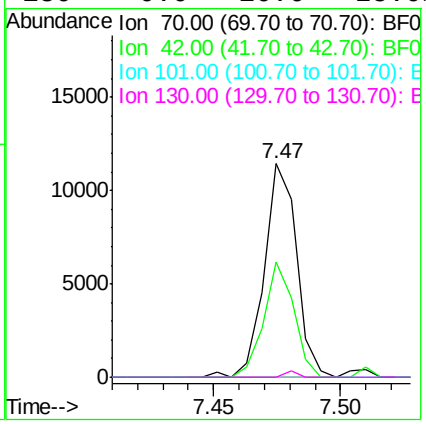


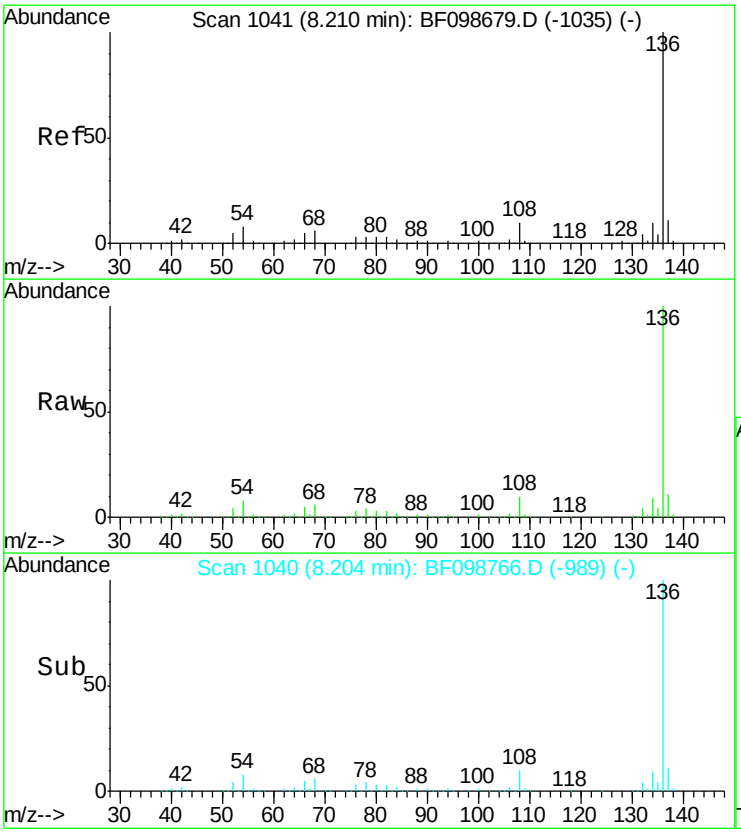
#19
n-Nitroso-di-n-propylamine
Concen: 2.23 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 10220

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

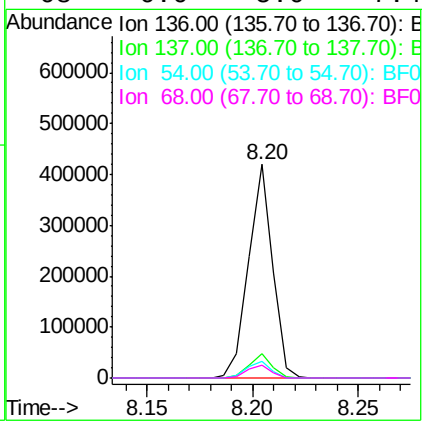


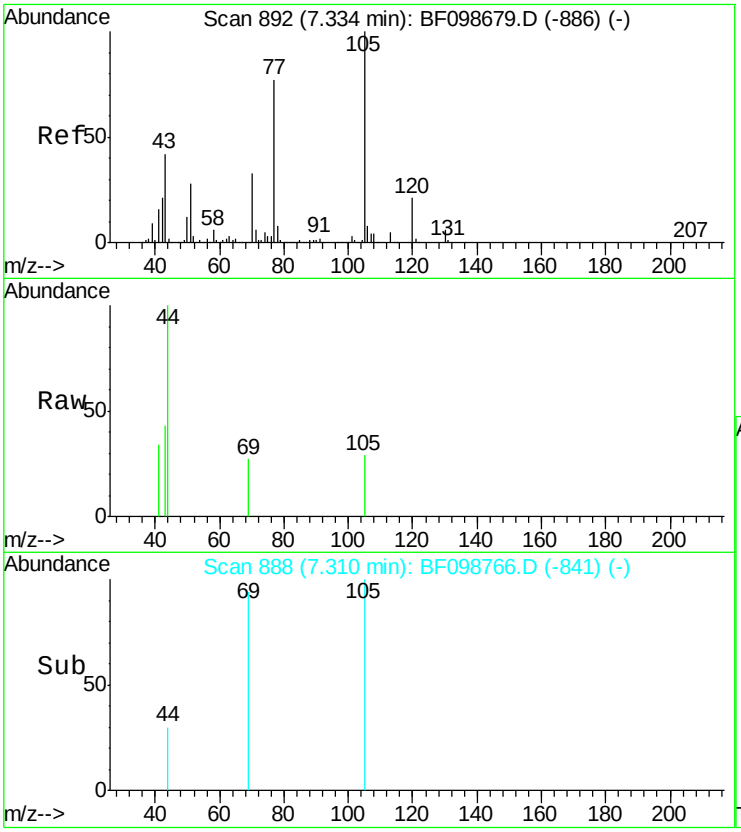


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:136 Resp: 332505

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4



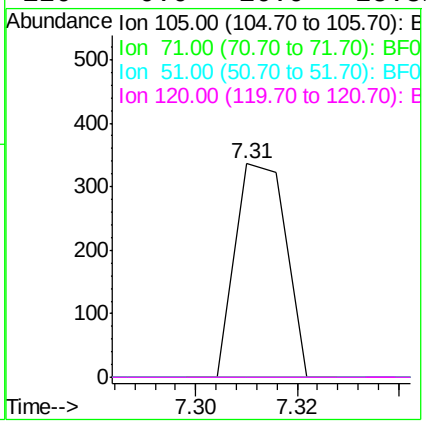


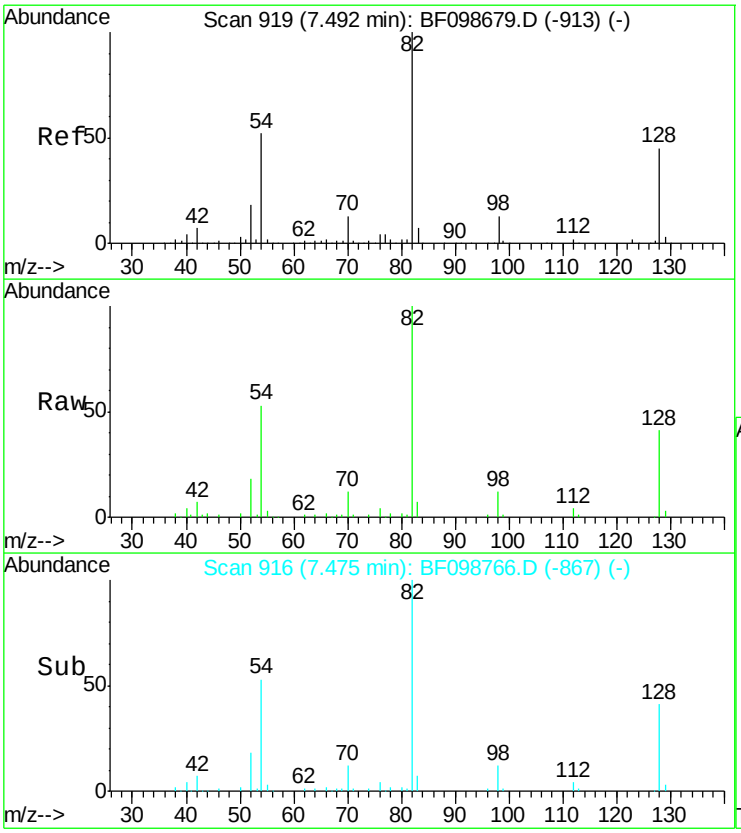
#22
Acetophenone
Concen: 0.03 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 233

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	0.0	22.3	33.5#
120	0.0	16.9	25.3#

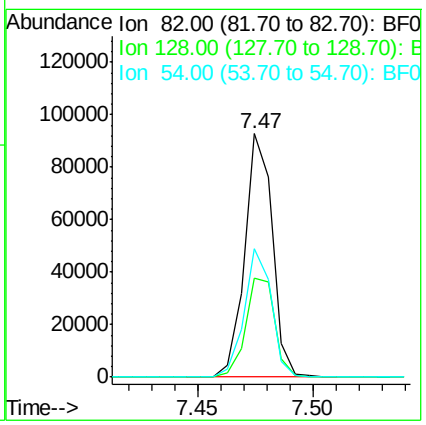


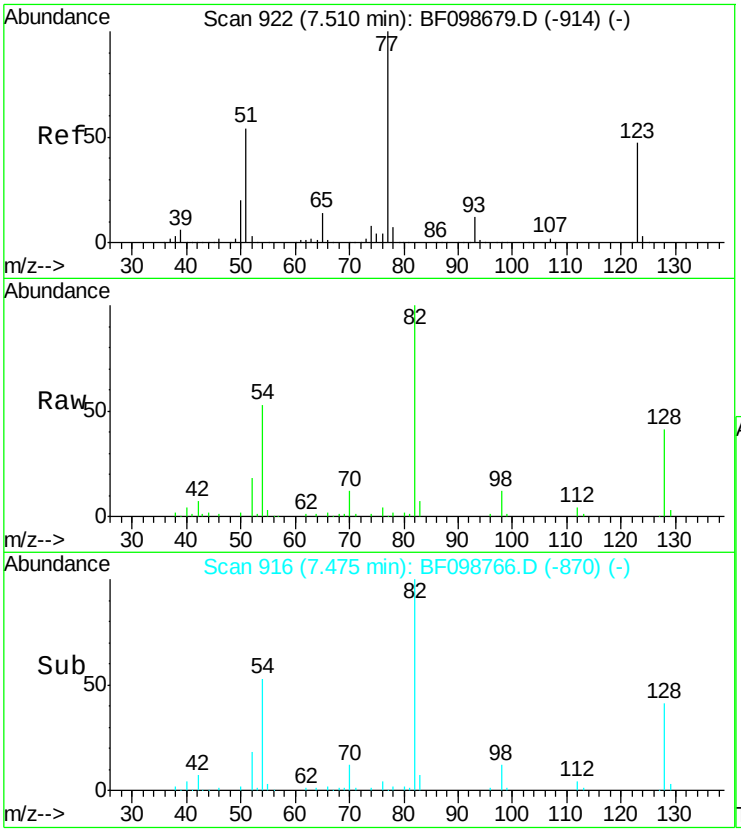


#23
Nitrobenzene-d5
Concen: 15.03 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 82 Resp: 77919

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	52.9	41.4	62.2



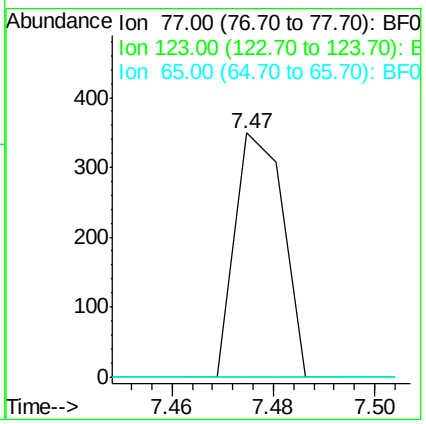


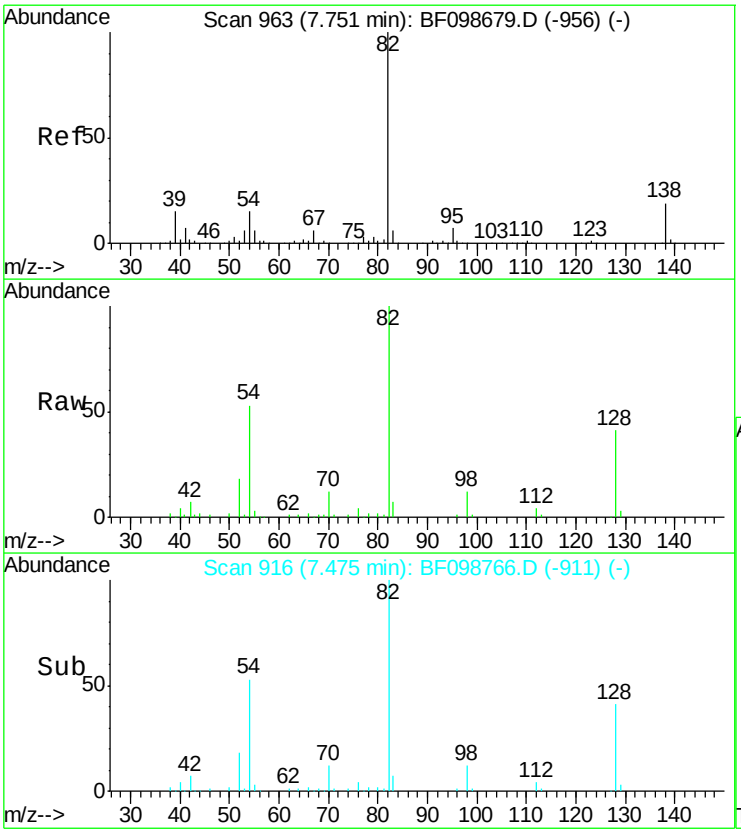
#24
Nitrobenzene
Concen: 0.04 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 231

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#

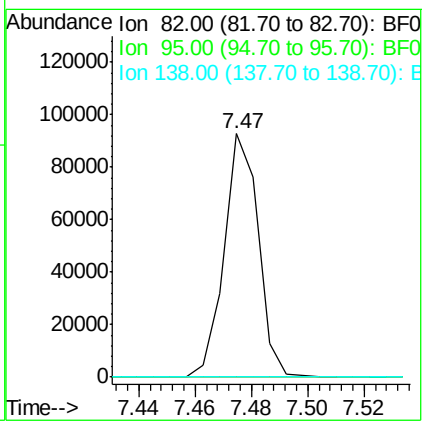


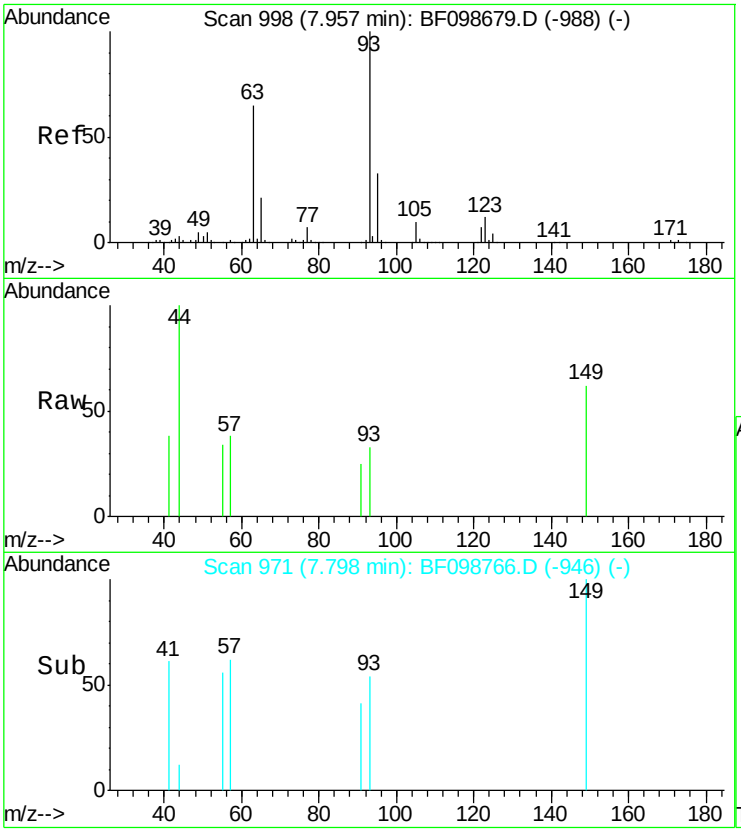


#25
Isophorone
Concen: 7.26 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 82 Resp: 77774

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



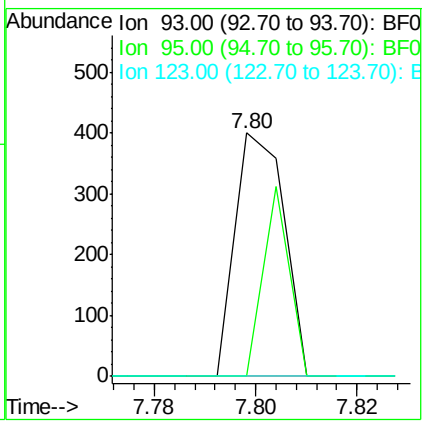


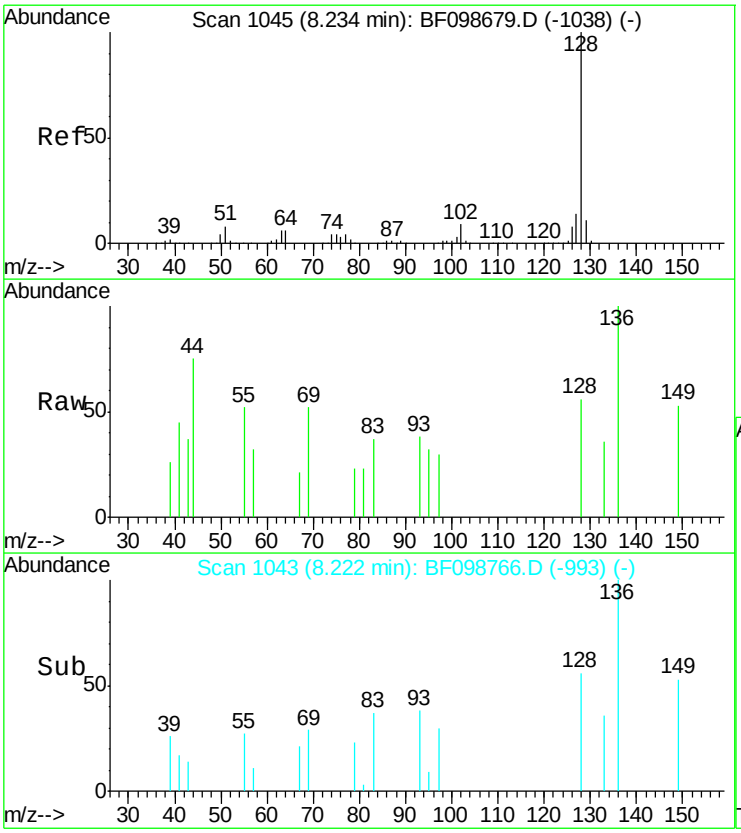
#28
bis(2-Chloroethoxy)methane
Concen: 0.04 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.15 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 268

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.3	39.5#
123	0.0	9.8	14.6#

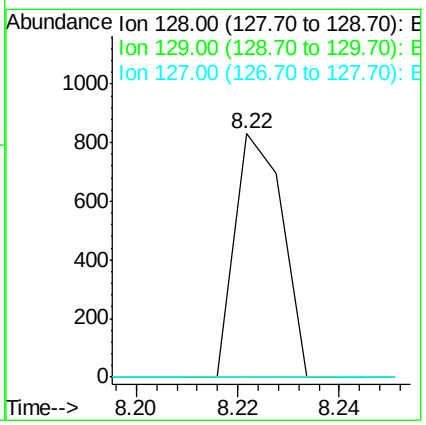


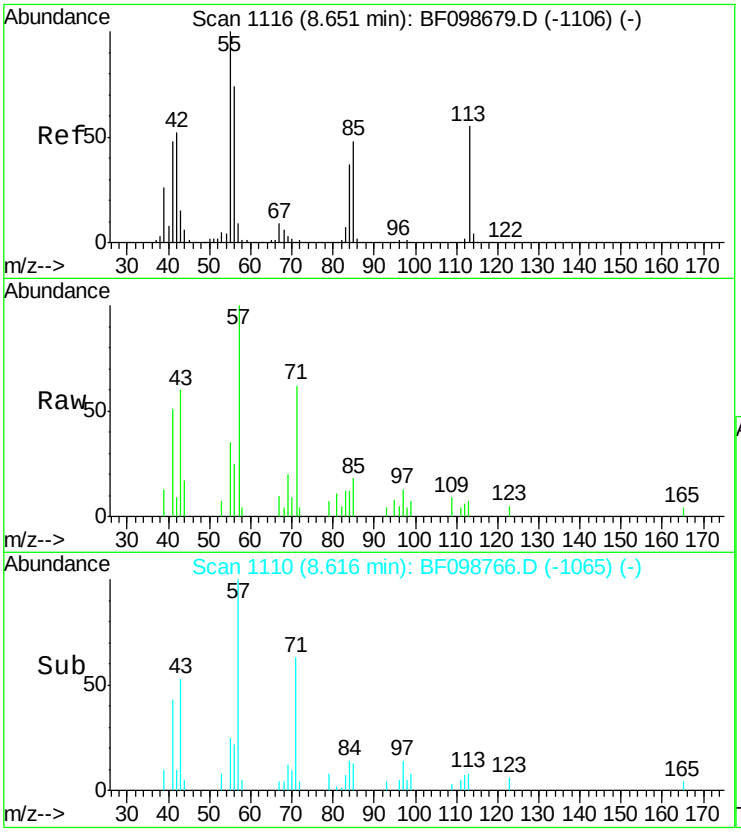


#31
Naphthalene
Concen: 0.03 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:128 Resp: 539

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#



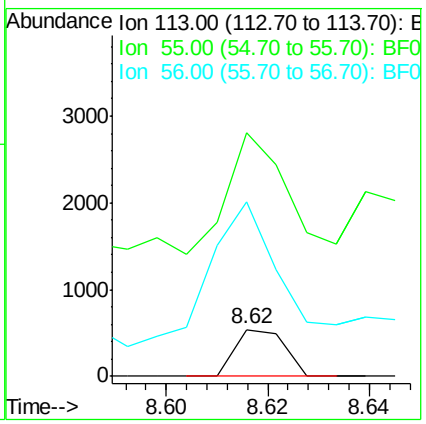


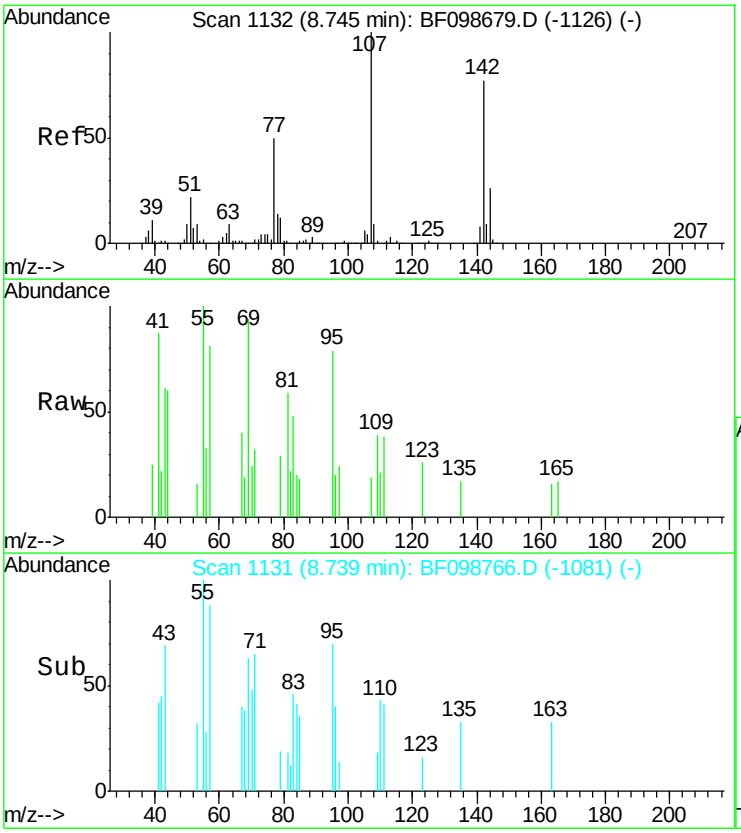
#35
Caprolactam
Concen: 0.25 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.04 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 366

Ion	Ratio	Lower	Upper
113	100		
55	520.6	163.3	203.3#
56	374.4	115.7	155.7#

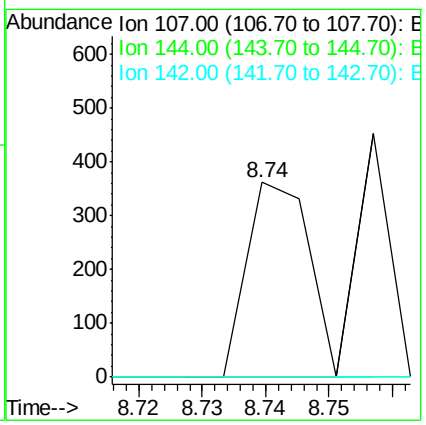


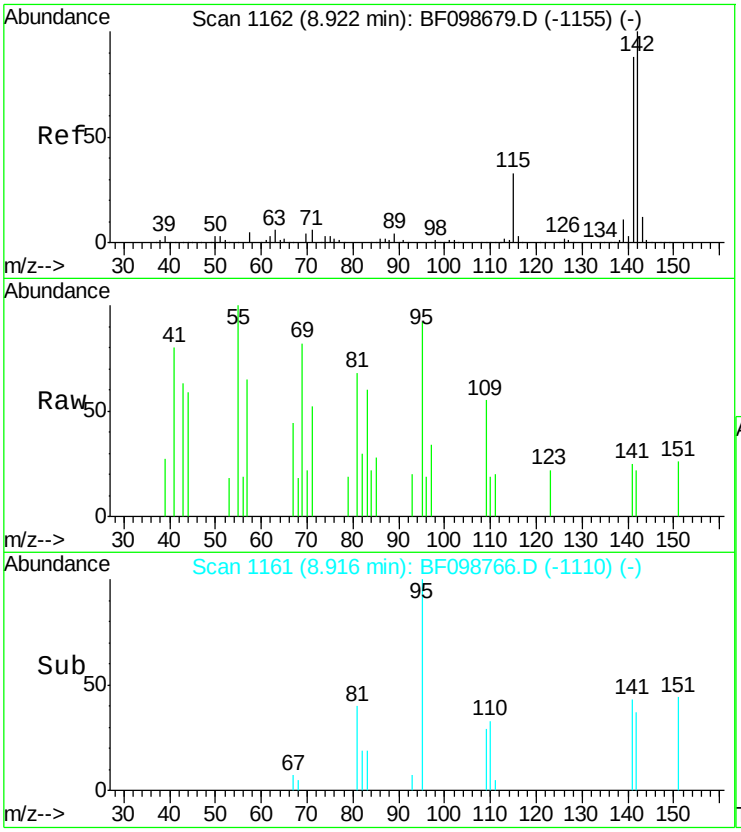


#36
4-Chloro-3-methylphenol
Concen: 0.05 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:107 Resp: 245

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#



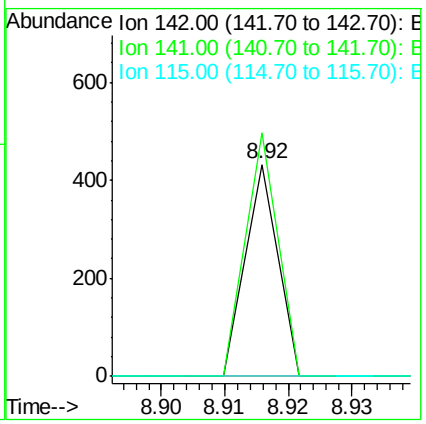


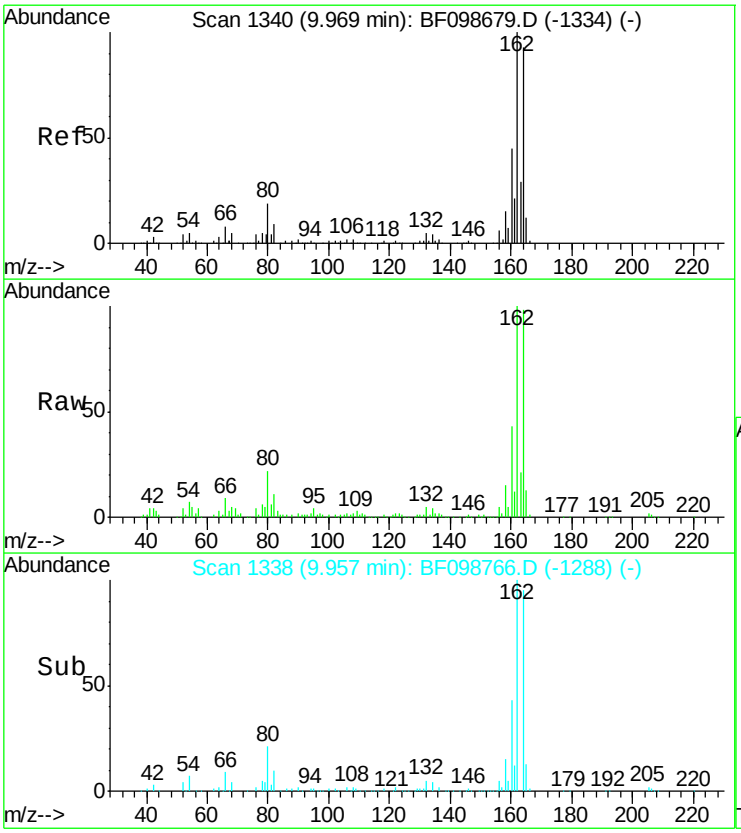
#37
2-Methylnaphthalene
Concen: 0.02 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 153

Ion	Ratio	Lower	Upper
142	100		
141	114.8	70.8	106.2#
115	0.0	26.1	39.1#

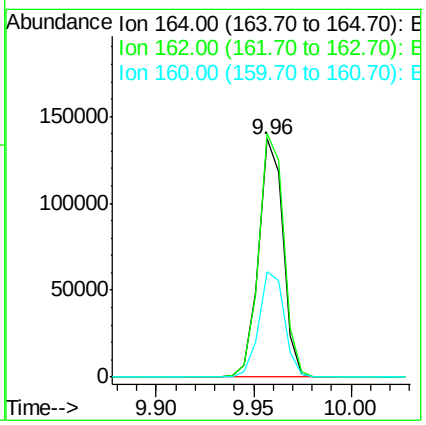


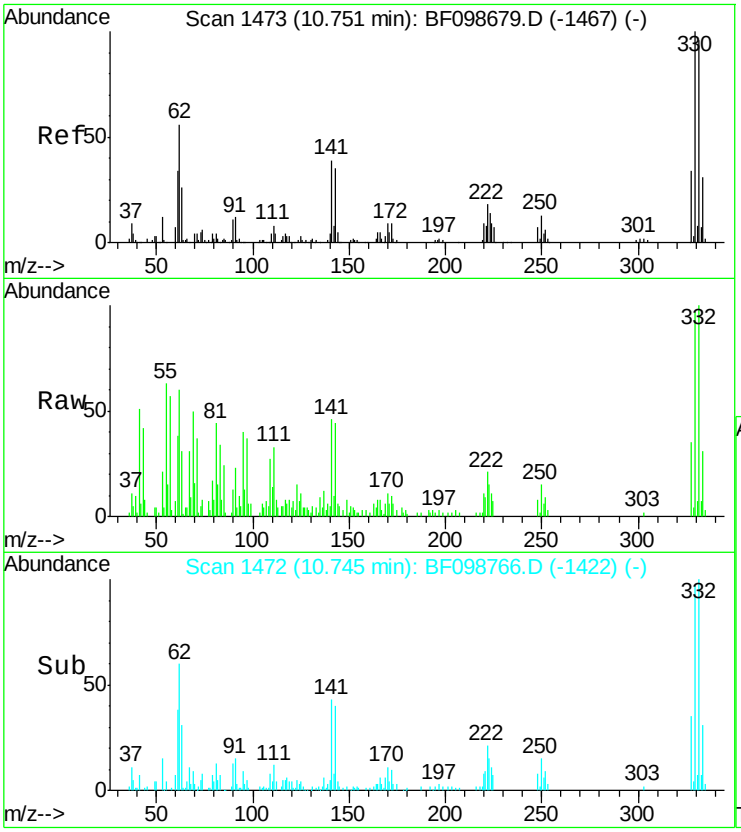


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:164 Resp: 119977

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.3	38.3	57.5



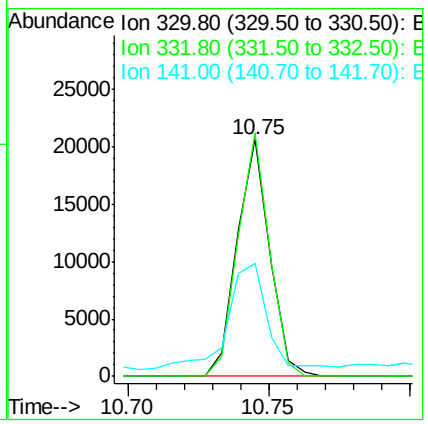


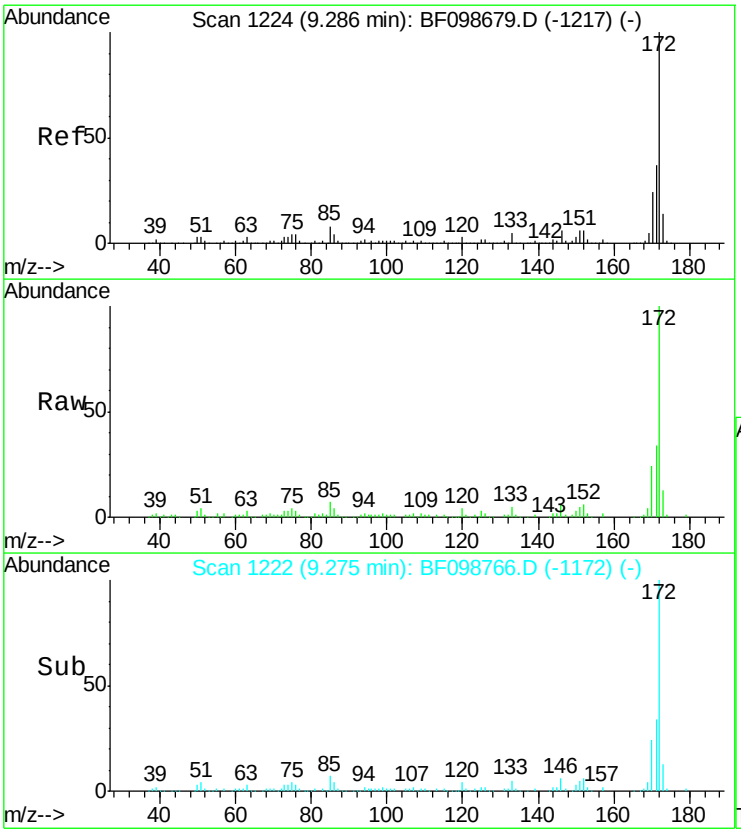
#41
2,4,6-Tribromophenol
Concen: 16.86 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16548

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	56.0	29.9	44.9#

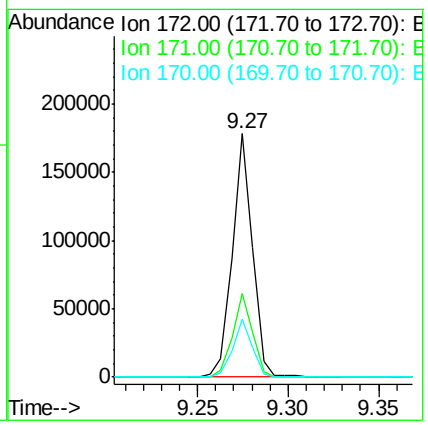


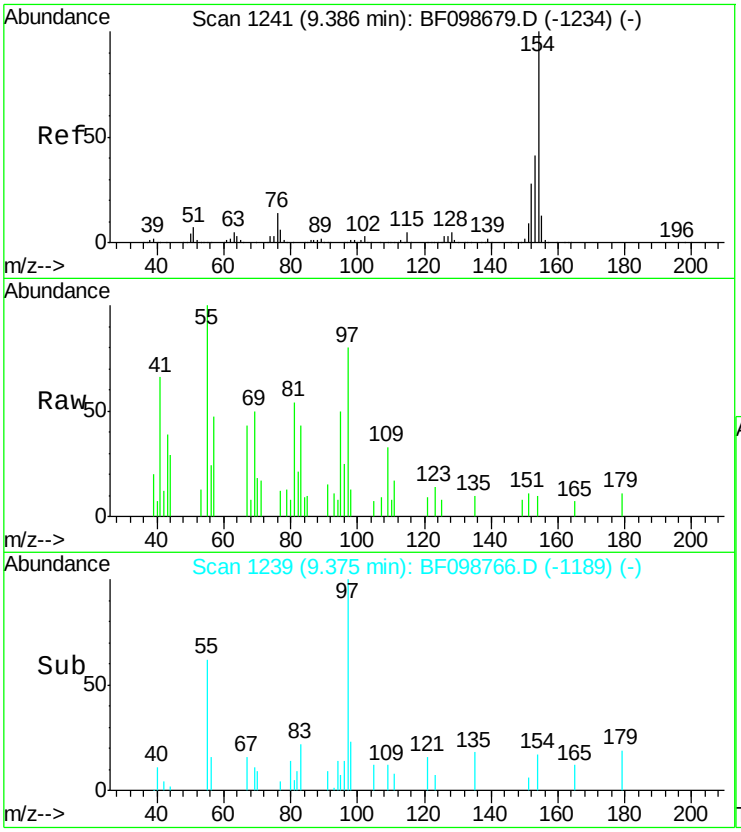


#44
2-Fluorobiphenyl
Concen: 19.19 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:172 Resp: 137908

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.6	19.6	29.4



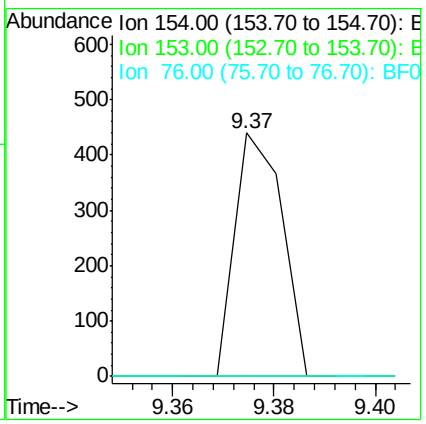


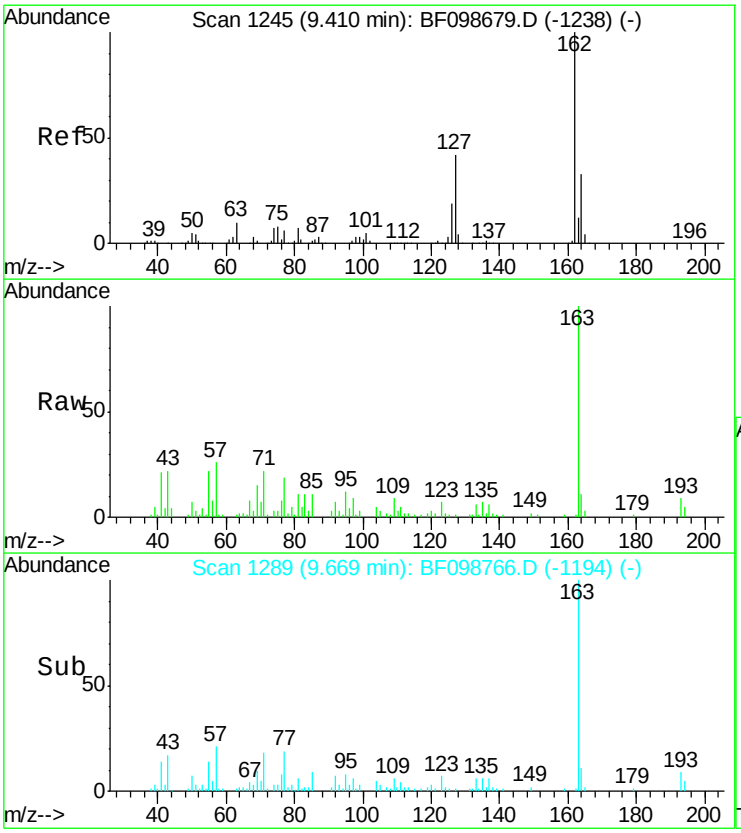
#45
1,1'-Biphenyl
Concen: 0.03 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 285

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.3	61.3#
76	0.0	0.0	34.0

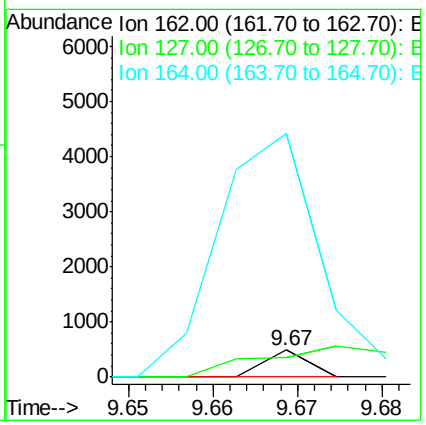


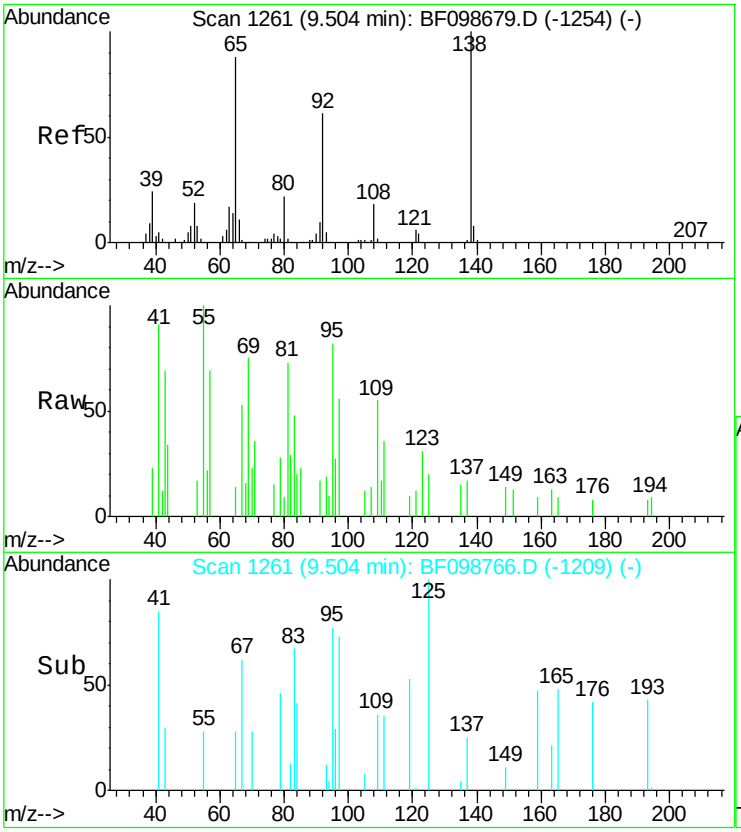


#46
2-Chloronaphthalene
Concen: 0.02 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.26 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:162 Resp: 172

Ion	Ratio	Lower	Upper
162	100		
127	73.7	33.9	50.9#
164	907.0	26.5	39.7#



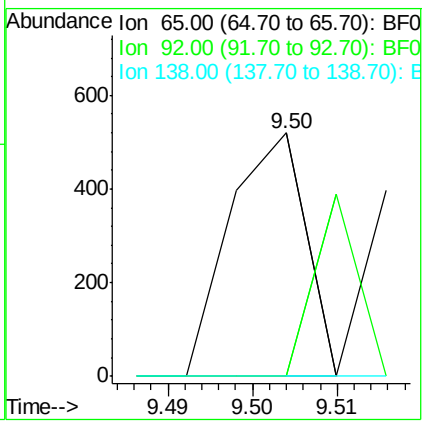


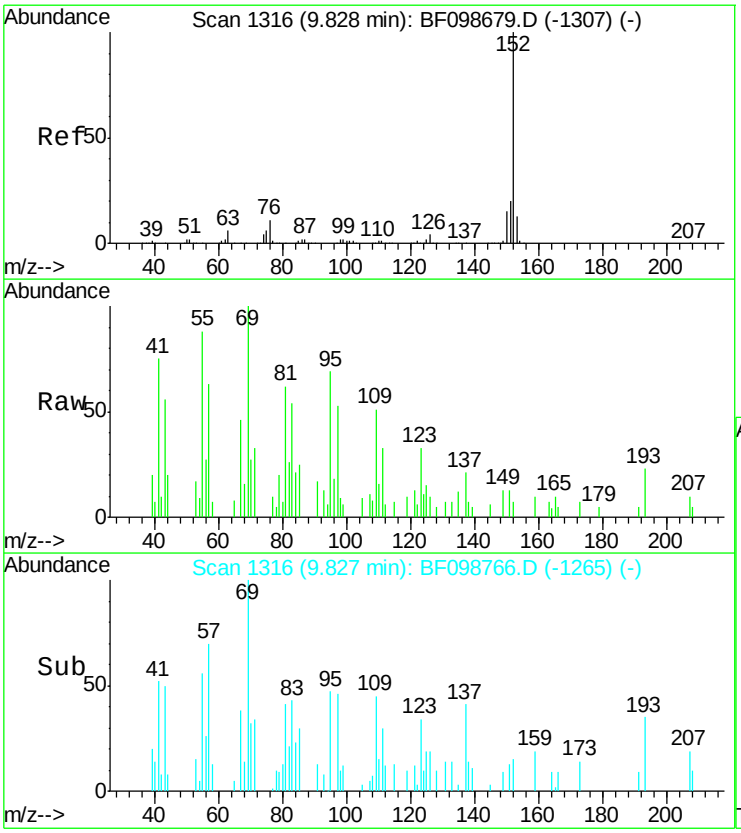
#47
2-Nitroaniline
Concen: 0.14 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 323

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

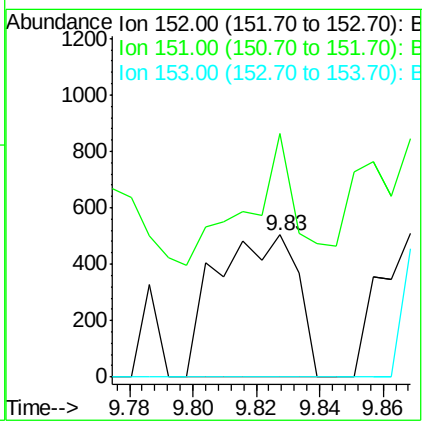


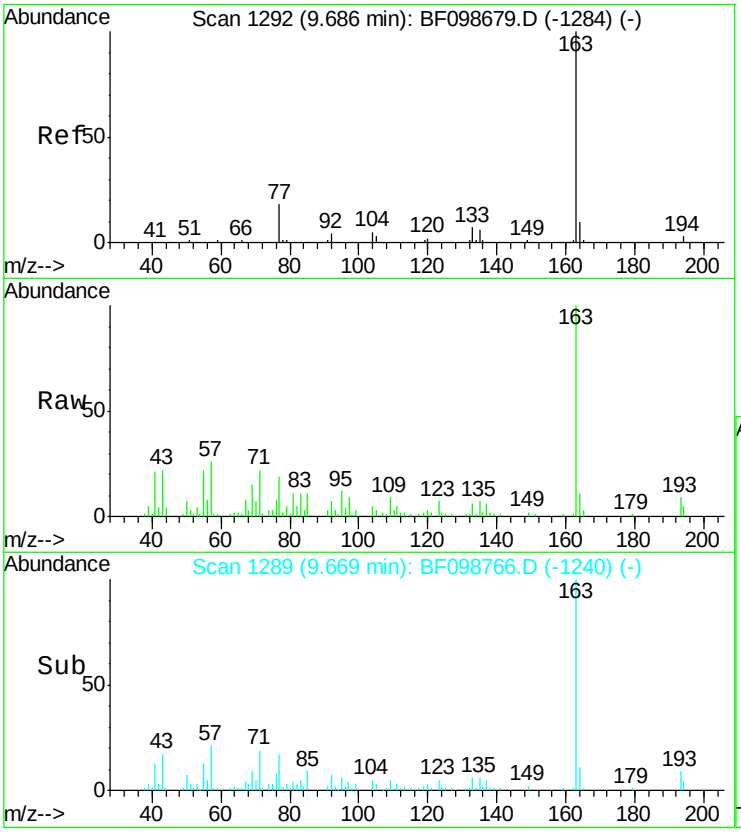


#48
Acenaphthylene
Concen: 0.08 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:152 Resp: 893

Ion	Ratio	Lower	Upper
152	100		
151	171.6	16.3	24.5#
153	0.0	10.7	16.1#



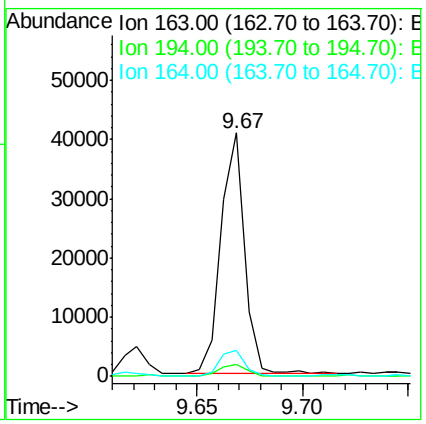


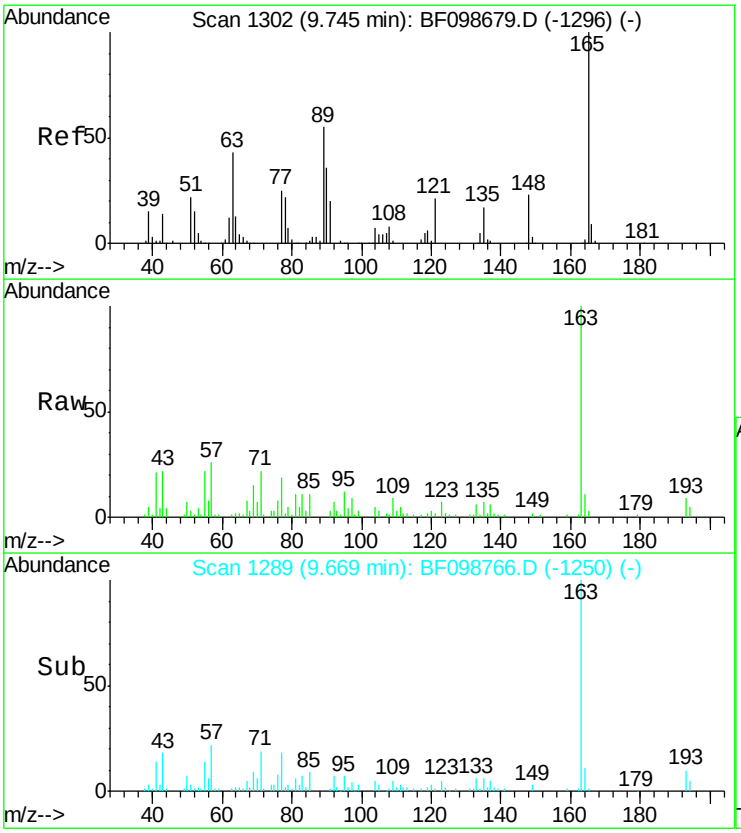
#49
Dimethylphthalate
Concen: 3.49 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 31562

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	10.7	8.2	12.2

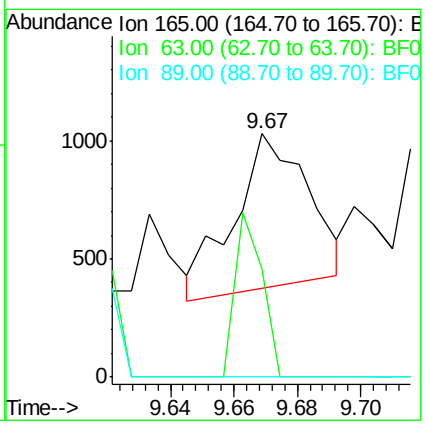


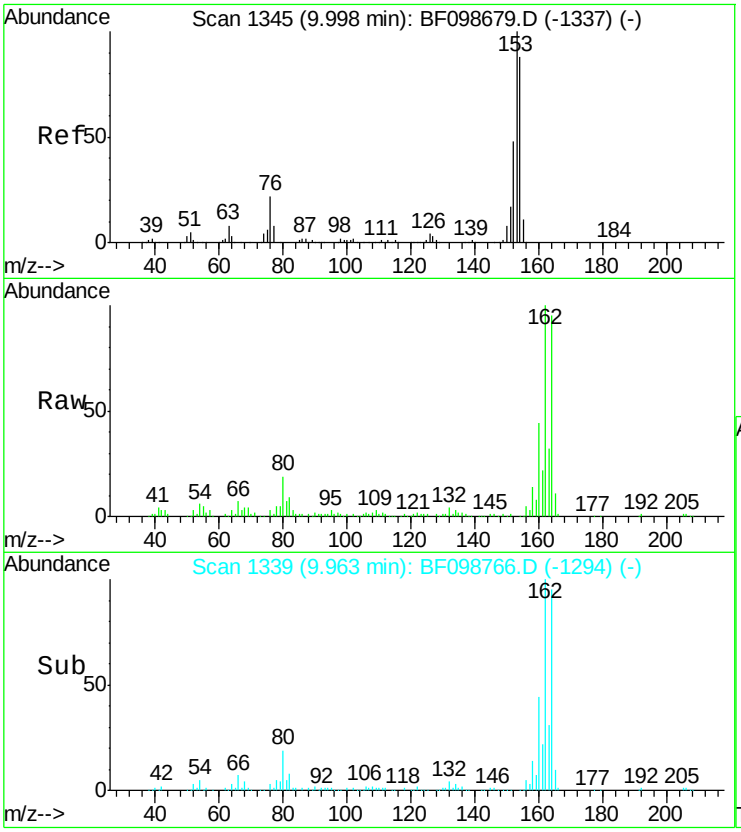


#50
2,6-Dinitrotoluene
Concen: 0.54 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:165 Resp: 1057

Ion	Ratio	Lower	Upper
165	100		
63	44.5	44.7	67.1#
89	0.0	44.0	66.0#



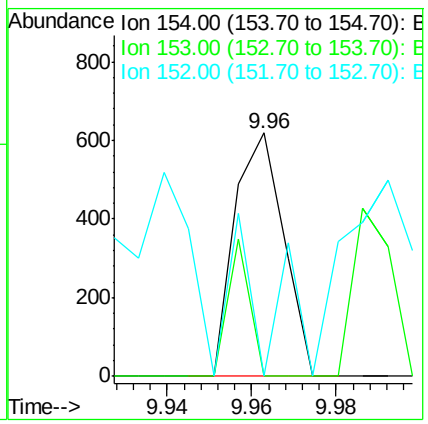


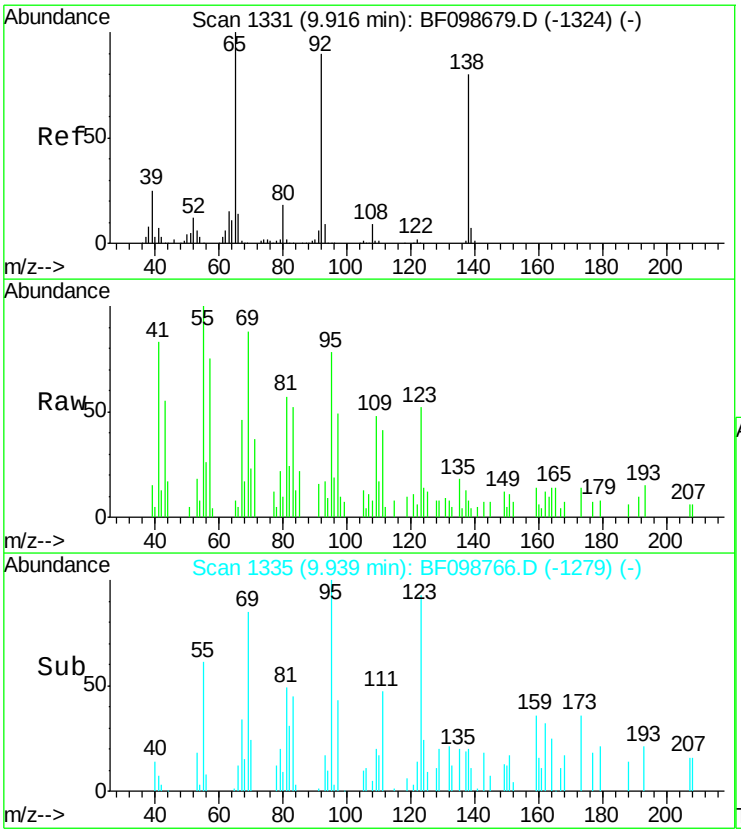
#51
Acenaphthene
Concen: 0.07 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.04 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 498

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#

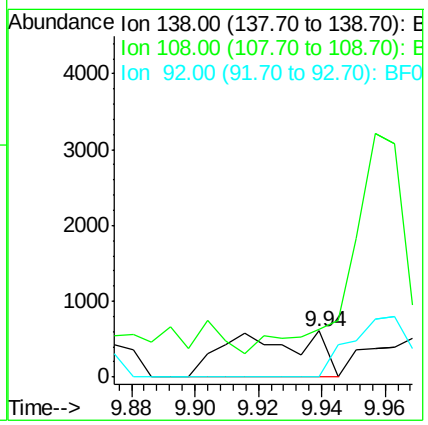


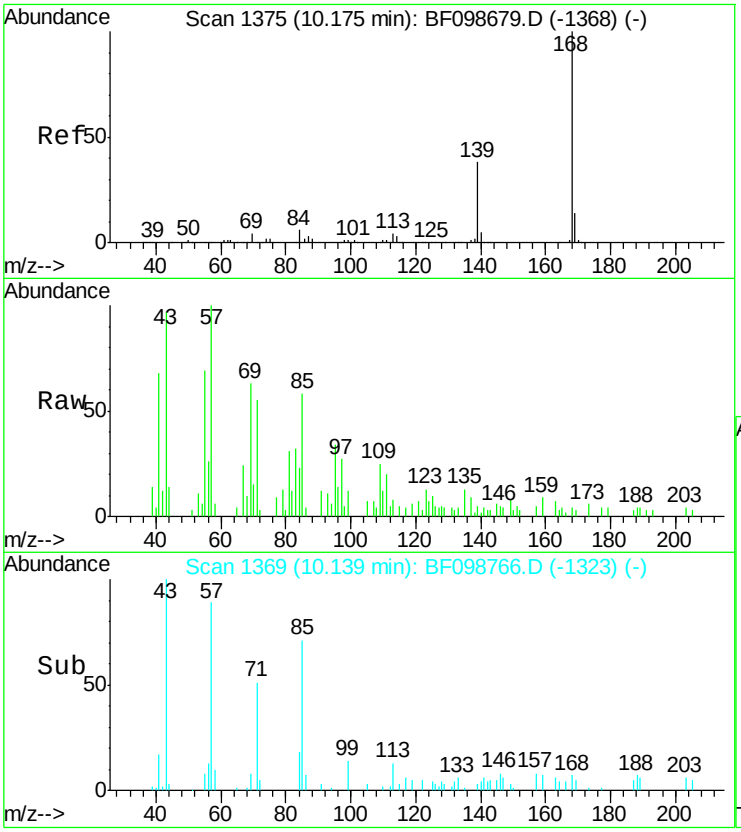


#52
3-Nitroaniline
Concen: 0.47 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.03 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:138 Resp: 1089

Ion	Ratio	Lower	Upper
138	100		
108	102.5	9.4	14.0#
92	0.0	89.4	134.2#



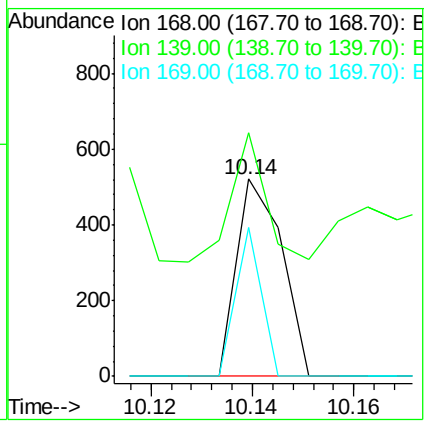


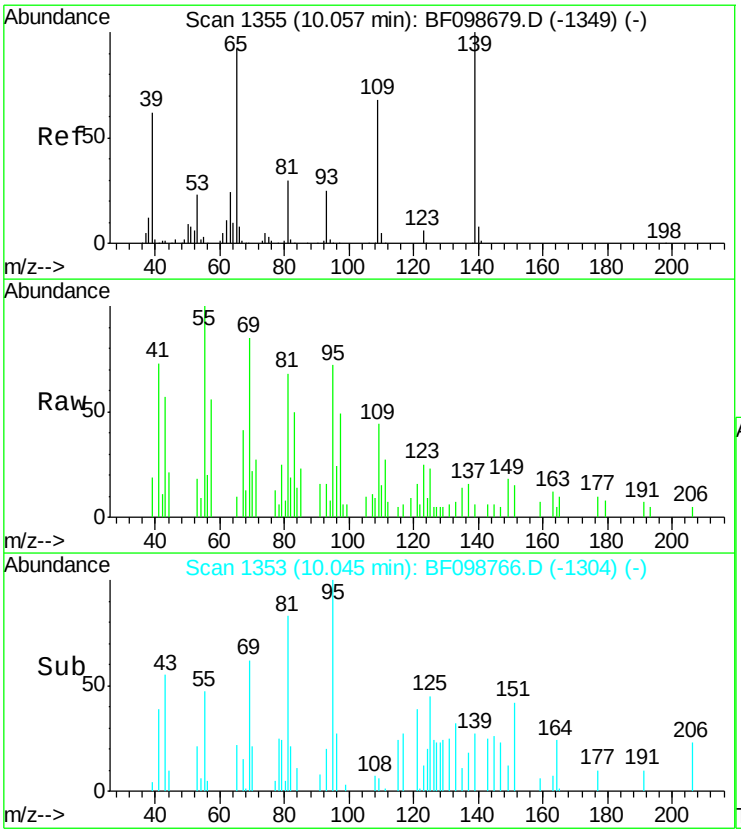
#54
Dibenzofuran
Concen: 0.03 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 322

Ion	Ratio	Lower	Upper
168	100		
139	123.4	30.1	45.1#
169	75.6	10.9	16.3#

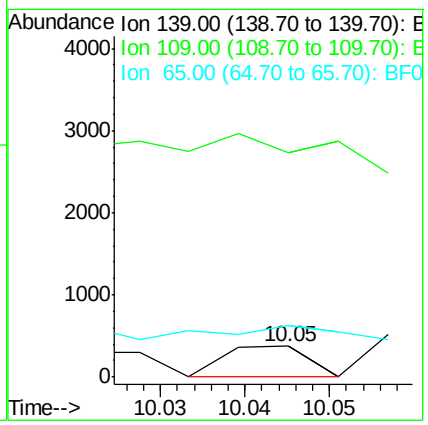


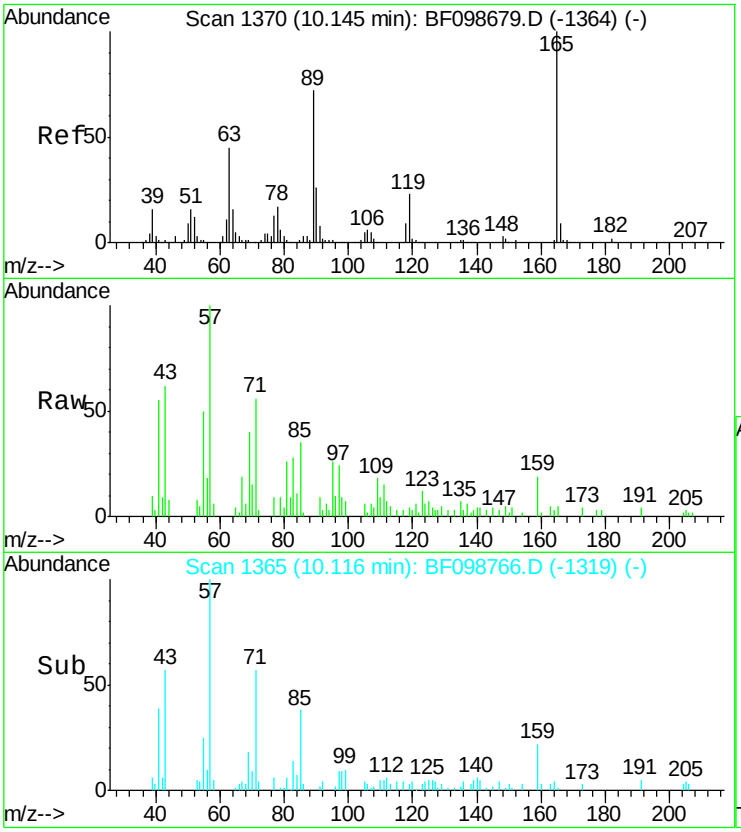


#55
4-Nitrophenol
Concen: 0.13 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:139 Resp: 260

Ion	Ratio	Lower	Upper
139	100		
109	723.8	48.4	88.4#
65	167.5	72.6	112.6#



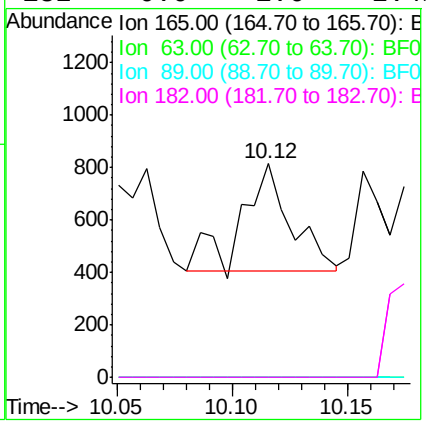


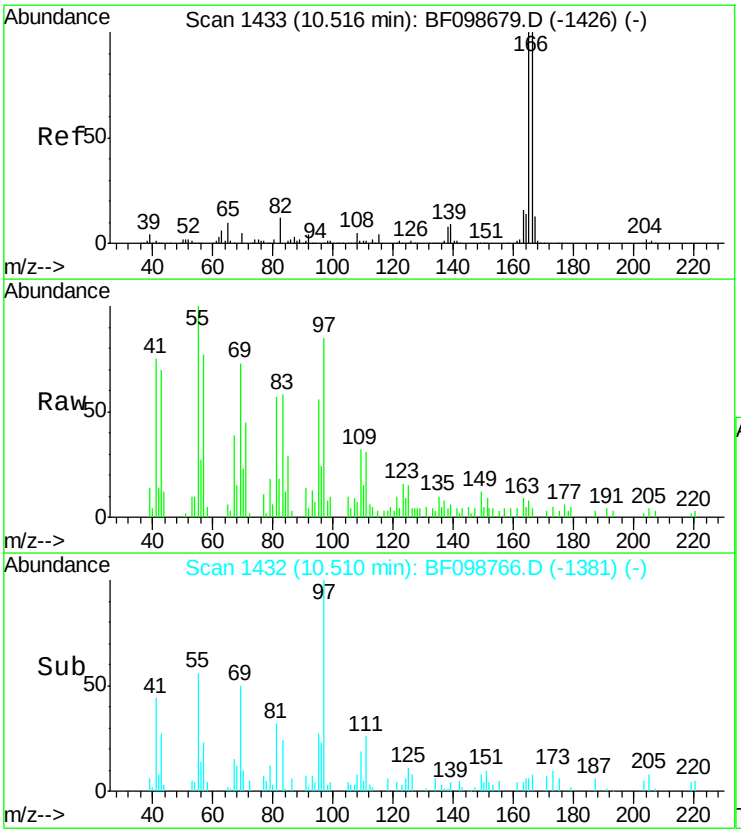
#56
2,4-Dinitrotoluene
Concen: 0.25 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 630

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

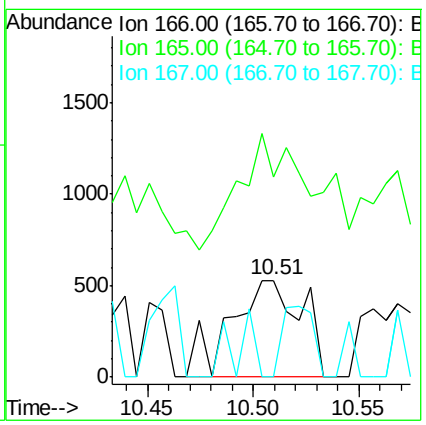


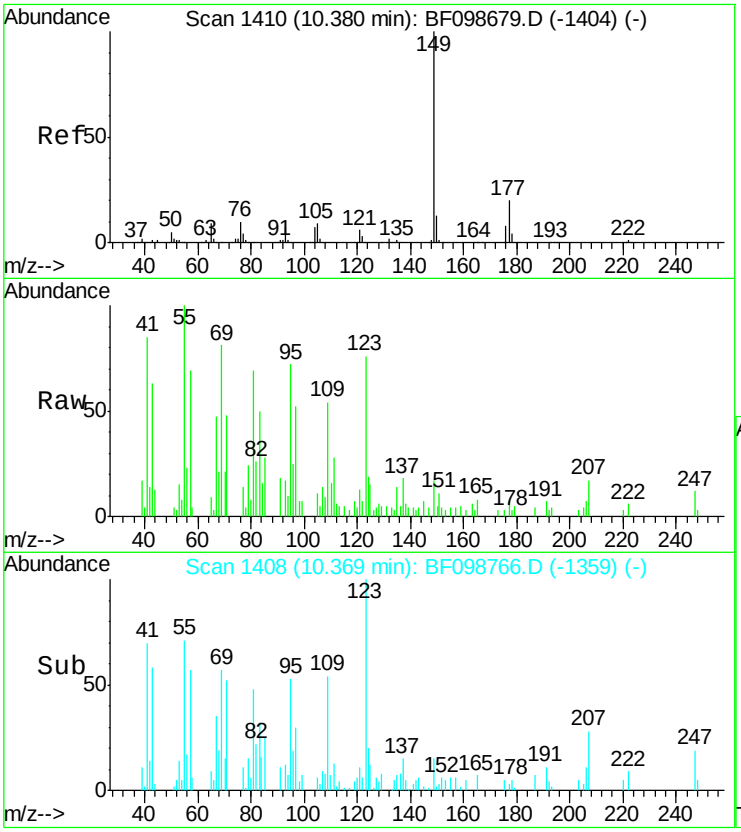


#57
Fluorene
Concen: 0.15 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:166 Resp: 1243

Ion	Ratio	Lower	Upper
166	100		
165	207.4	79.8	119.8#
167	0.0	10.6	16.0#



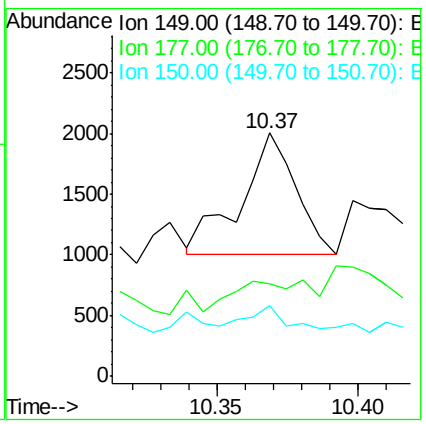


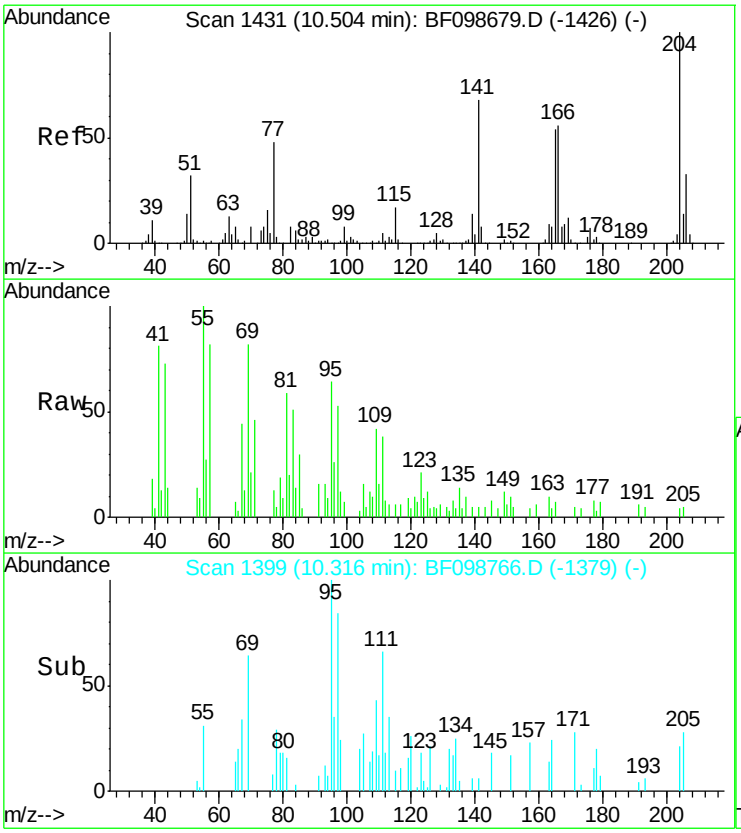
#59
Diethylphthalate
Concen: 0.15 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1343

Ion	Ratio	Lower	Upper
149	100		
177	37.9	16.1	24.1#
150	29.1	10.1	15.1#

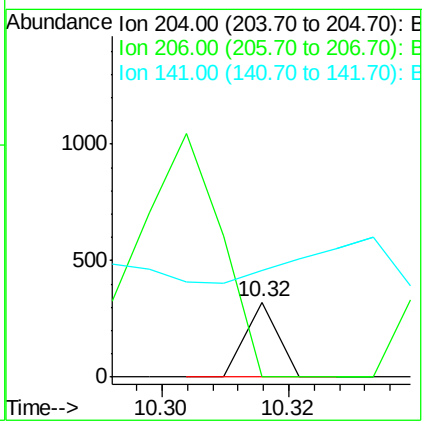


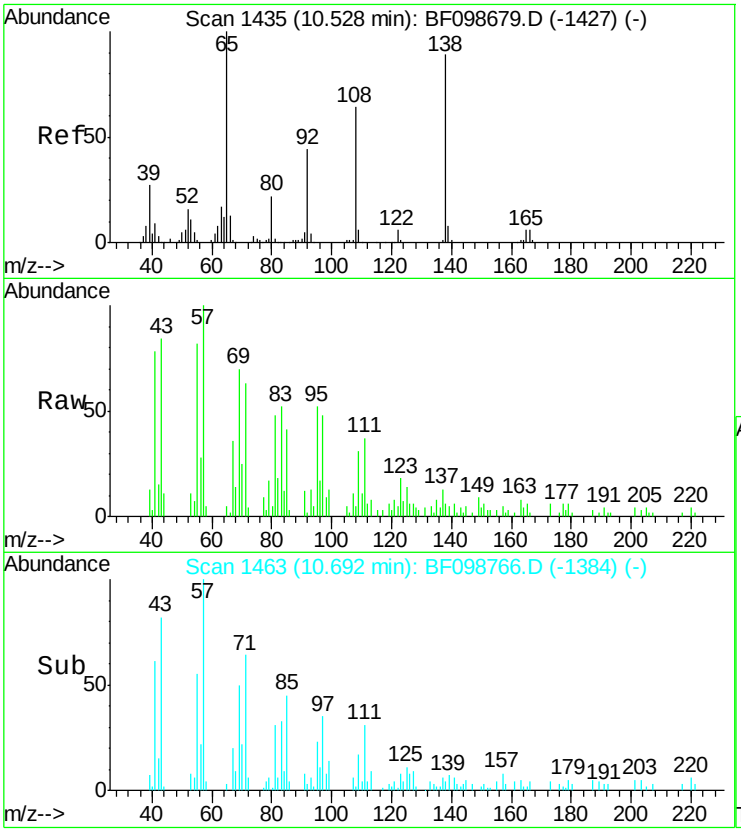


#60
4-Chlorophenyl-phenylether
Concen: 0.03 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.18 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:204 Resp: 113

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	143.3	54.6	81.8#



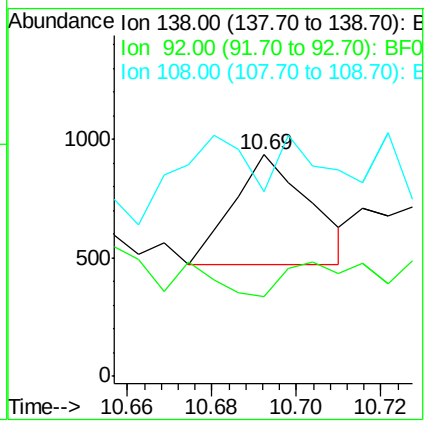


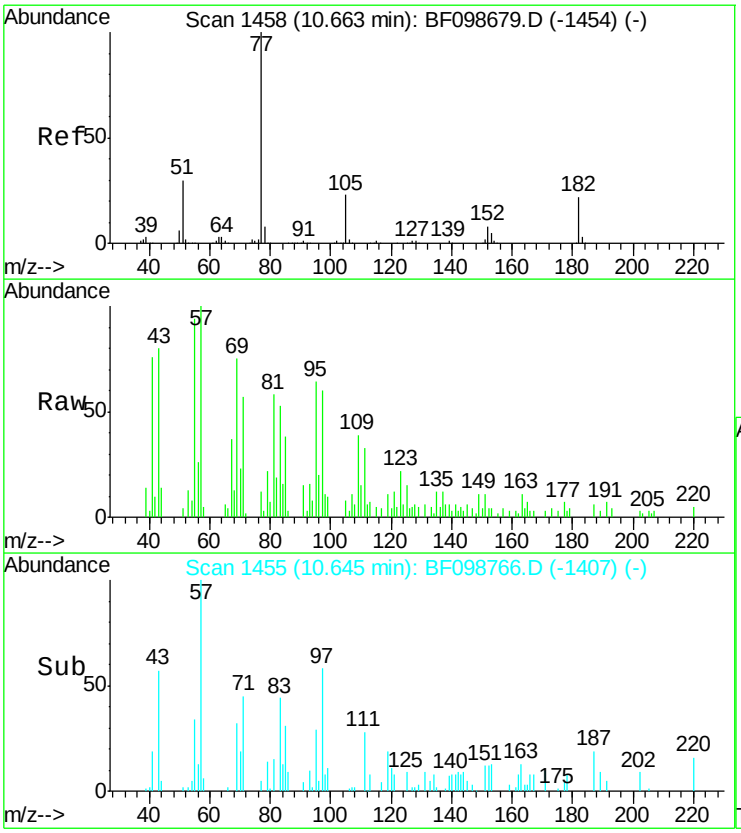
#61
4-Nitroaniline
Concen: 0.27 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.16 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 588

Ion	Ratio	Lower	Upper
138	100		
92	36.1	30.2	70.2
108	83.1	52.5	92.5

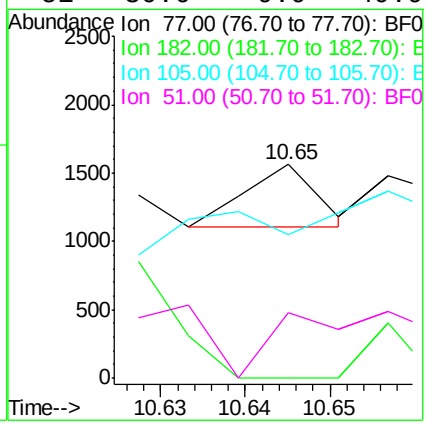


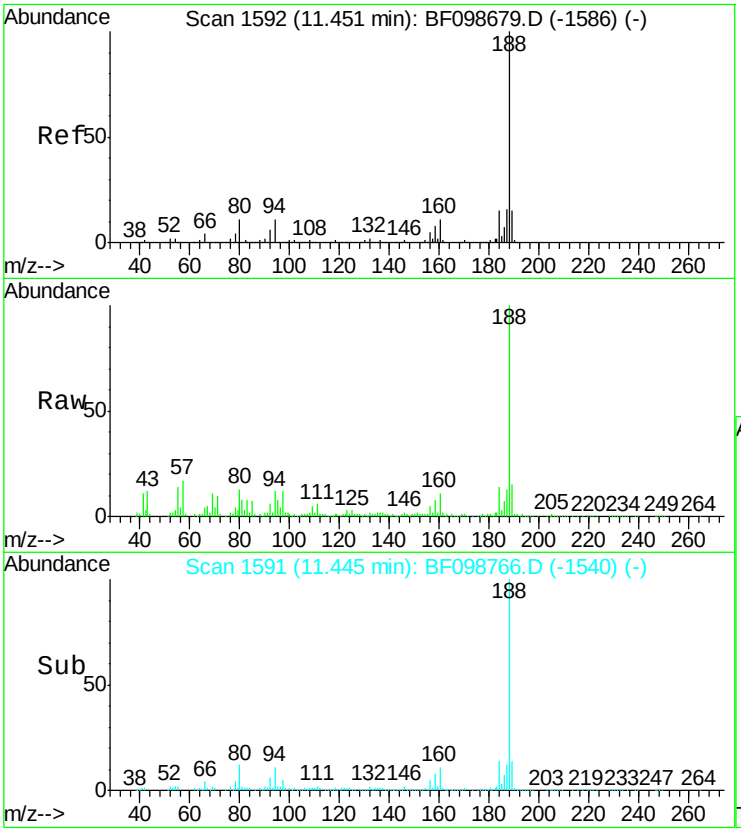


#62
Azobenzene
Concen: 0.03 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion: 77 Resp: 263

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	67.0	3.0	43.0#
51	30.6	9.9	49.9



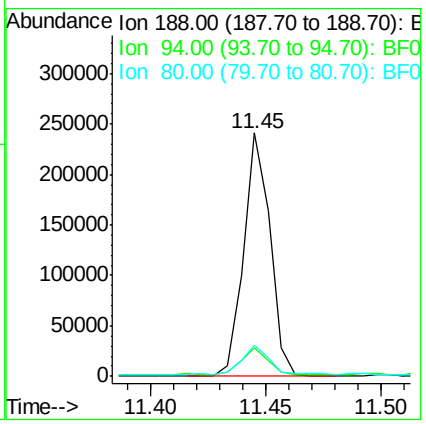


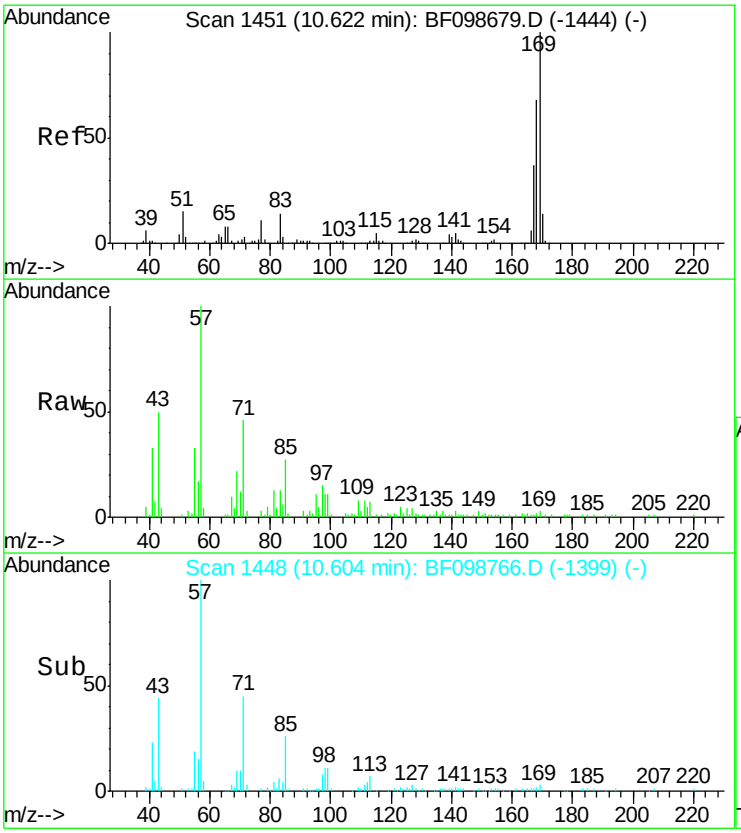
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 193271

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.7	9.2	13.8

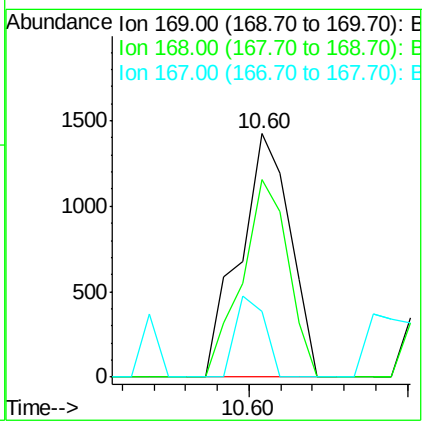


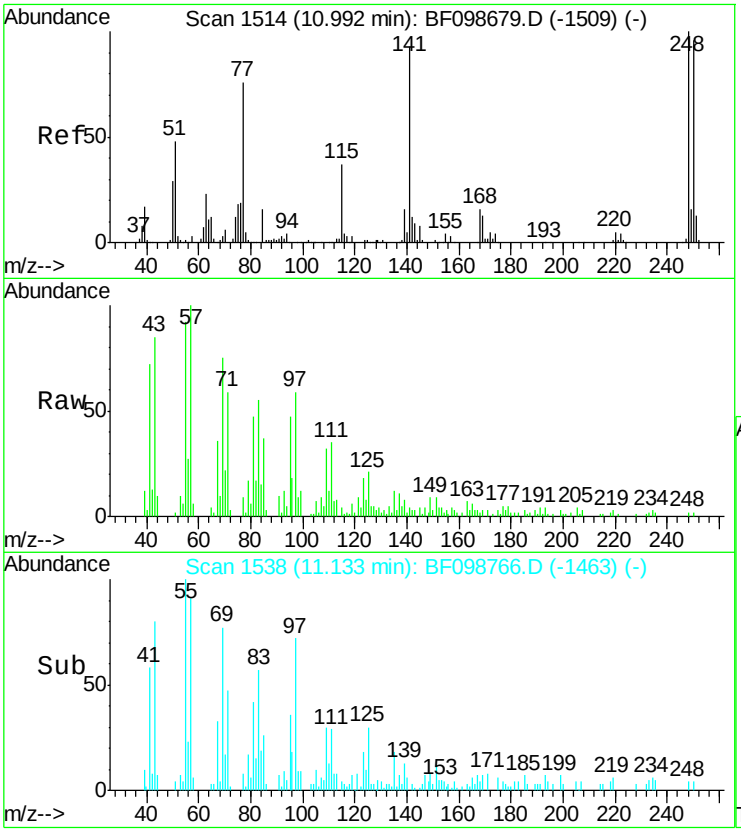


#65
n-Nitrosodiphenylamine
Concen: 0.23 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:169 Resp: 1572

Ion	Ratio	Lower	Upper
169	100		
168	81.3	54.4	81.6
167	27.2	29.8	44.6#



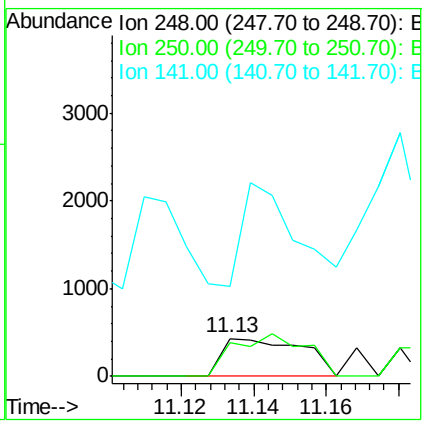


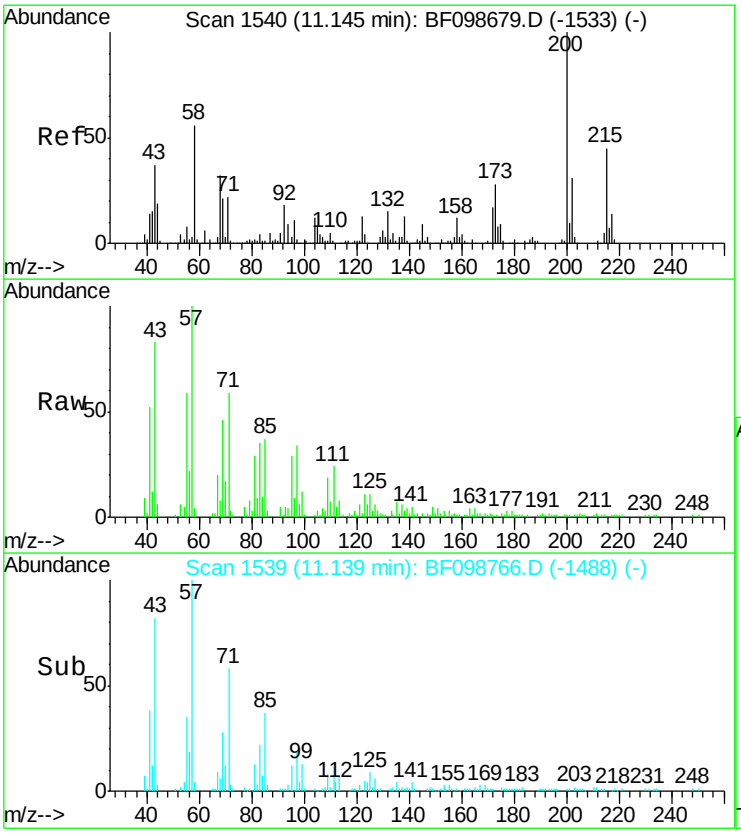
#66
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.14 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 662

Ion	Ratio	Lower	Upper
248	100		
250	89.2	76.9	115.3
141	237.2	74.4	111.6#

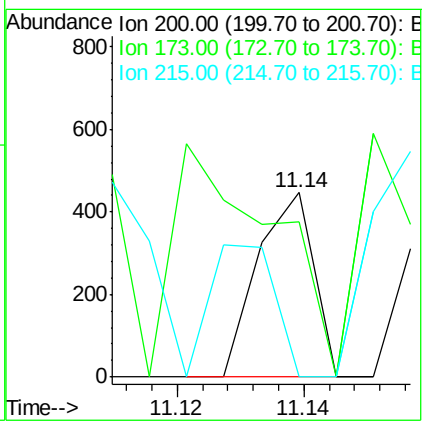


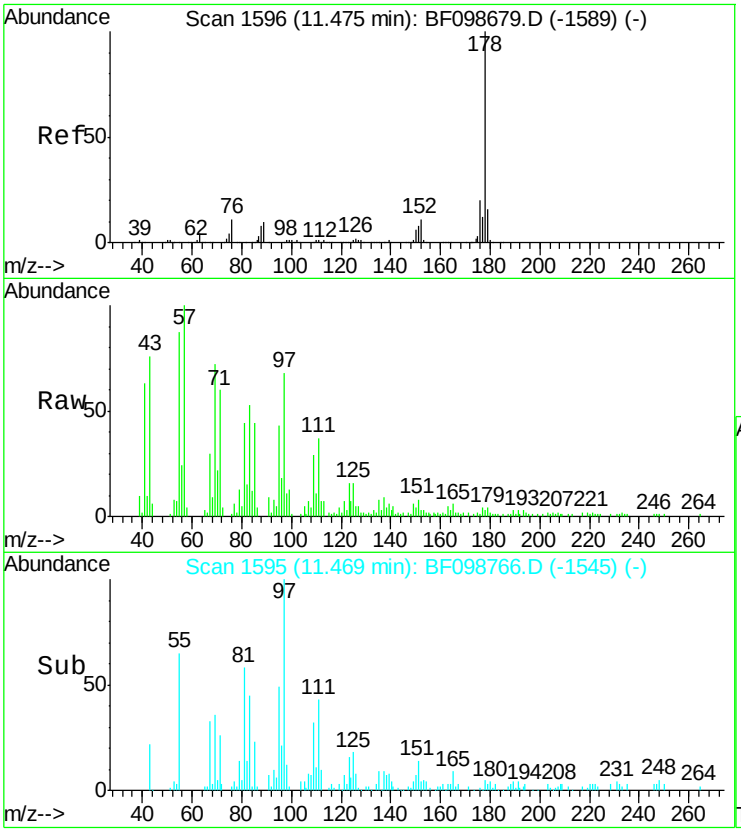


#68
Atrazine
Concen: 0.14 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:200 Resp: 274

Ion	Ratio	Lower	Upper
200	100		
173	83.9	8.6	48.6#
215	0.0	25.1	65.1#



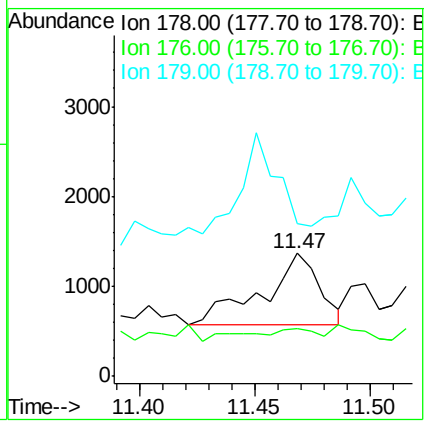


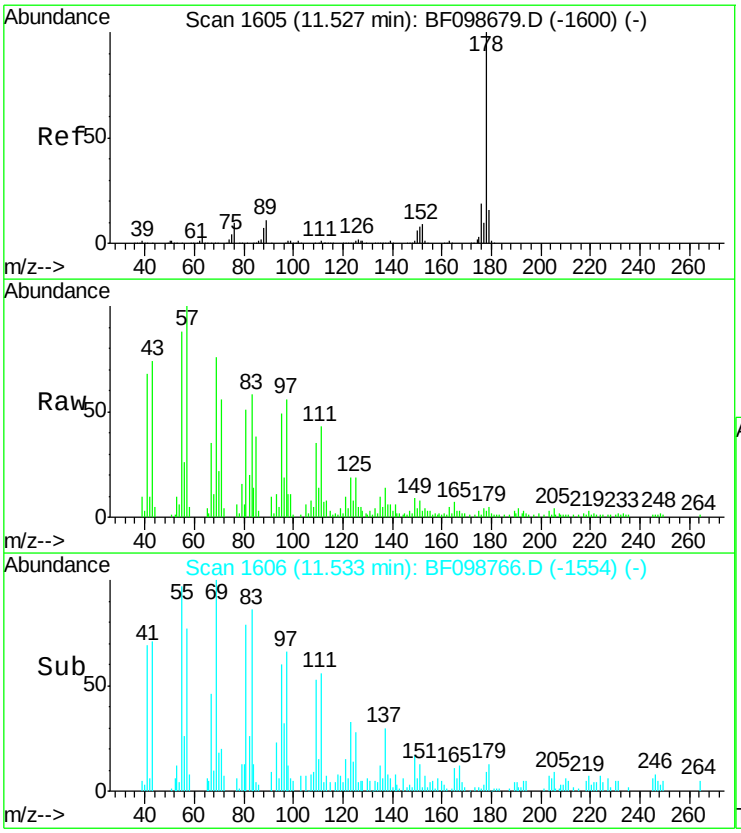
#70
Phenanthrene
Concen: 0.13 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1361

Ion	Ratio	Lower	Upper
178	100		
176	38.6	15.8	23.8#
179	124.0	13.0	19.6#

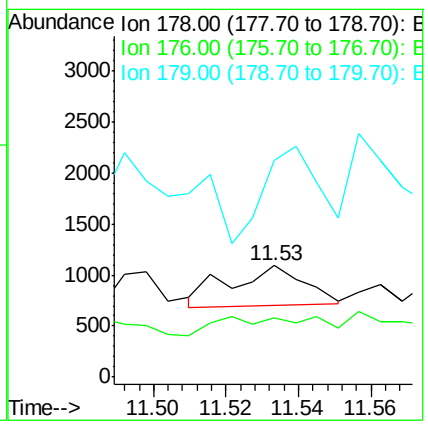


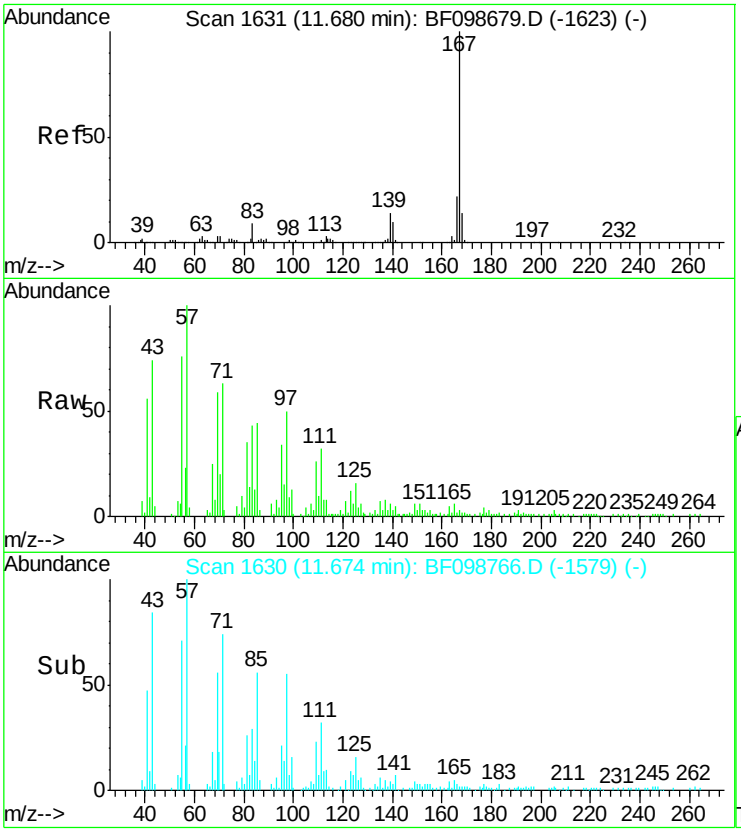


#71
Anthracene
Concen: 0.05 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:178 Resp: 564

Ion	Ratio	Lower	Upper
178	100		
176	52.8	15.4	23.2#
179	194.6	12.6	19.0#



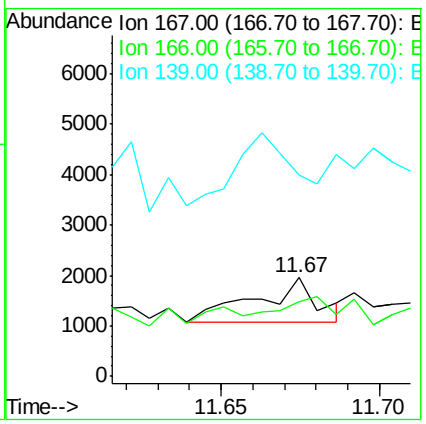


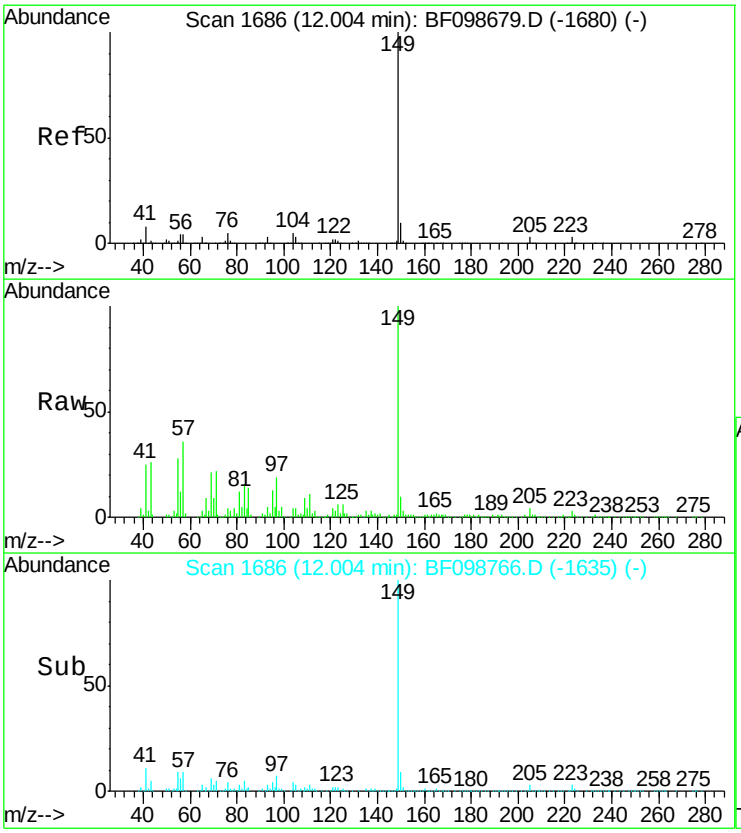
#72
Carbazole
Concen: 0.12 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 1199

Ion	Ratio	Lower	Upper
167	100		
166	76.4	17.6	26.4#
139	204.6	10.9	16.3#

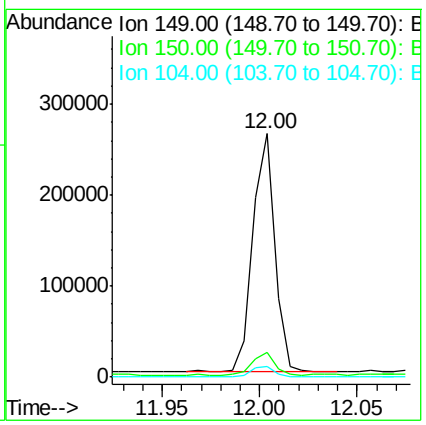


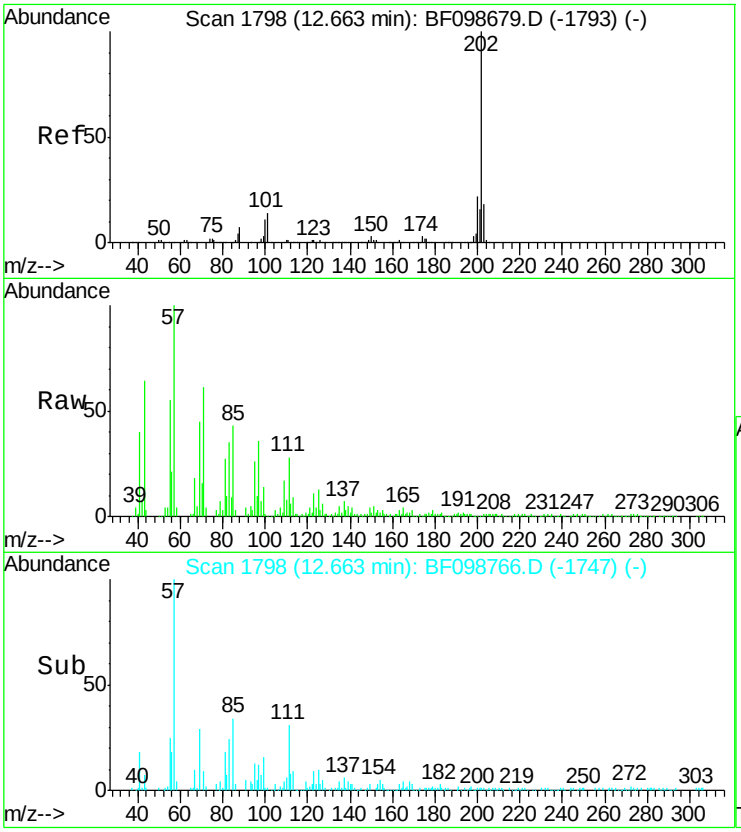


#73
Di-n-butylphthalate
Concen: 16.34 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:149 Resp: 203897

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.2	3.8	5.8



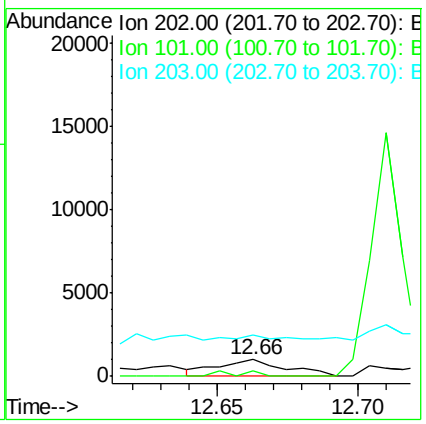


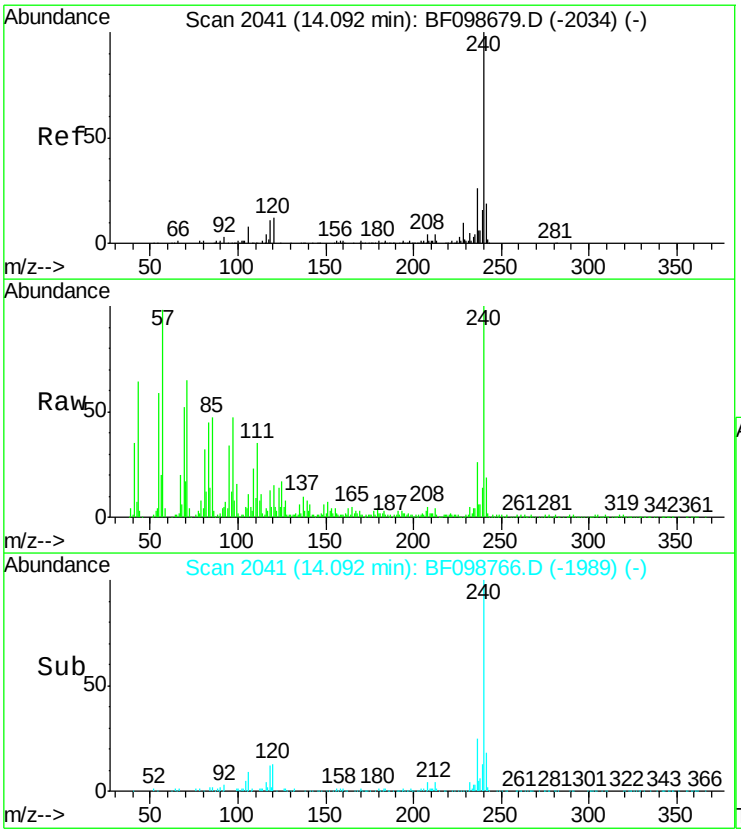
#74
Fluoranthene
Concen: 0.16 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1717

Ion	Ratio	Lower	Upper
202	100		
101	31.0	0.0	34.1
203	246.2	0.0	38.1#

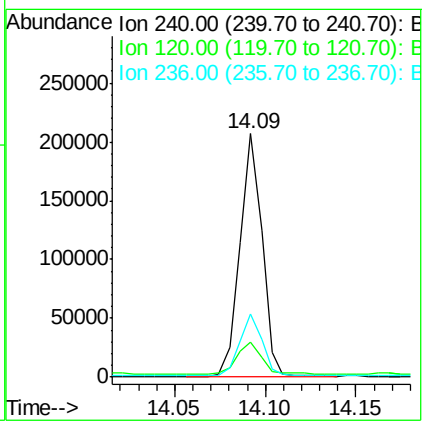


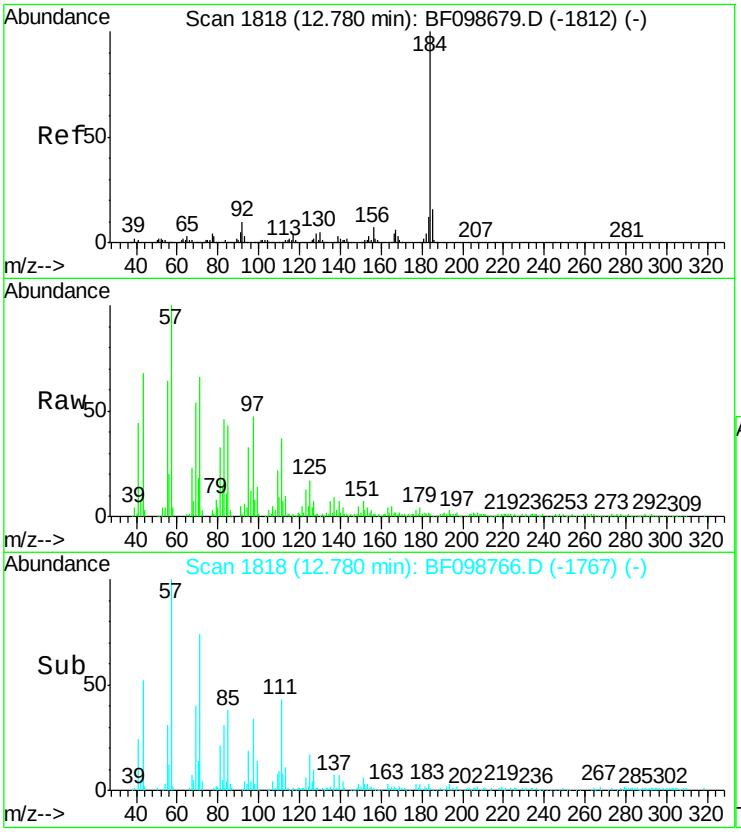


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:240 Resp: 175635

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.9	20.7	31.1



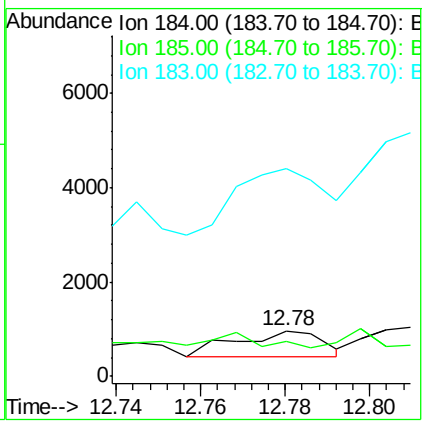


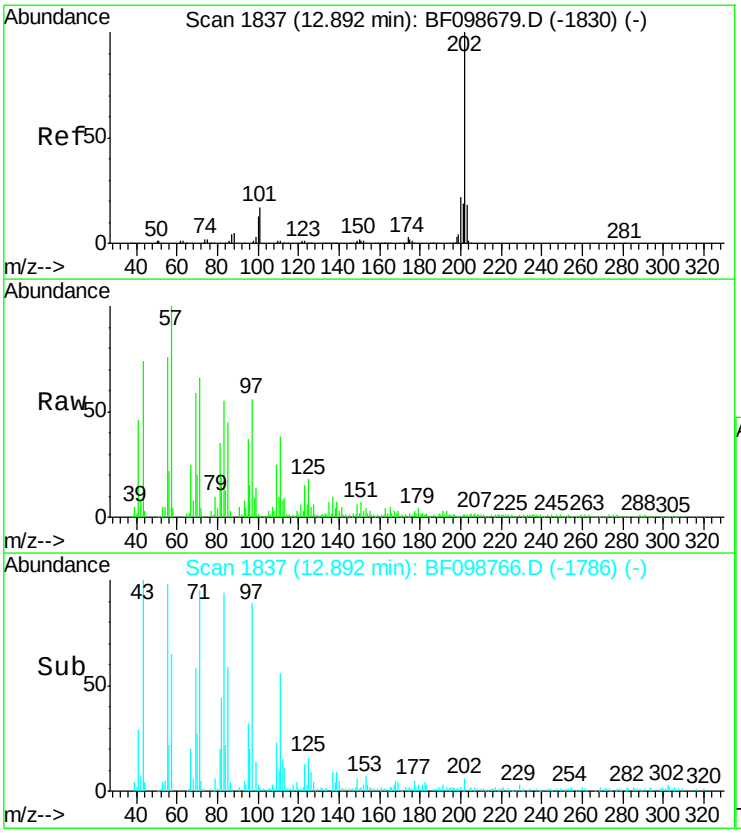
#76
Benzidine
Concen: 0.12 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 791

Ion	Ratio	Lower	Upper
184	100		
185	77.8	12.6	18.8#
183	456.2	9.3	13.9#

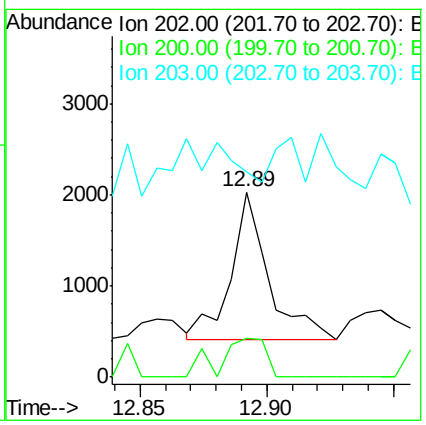


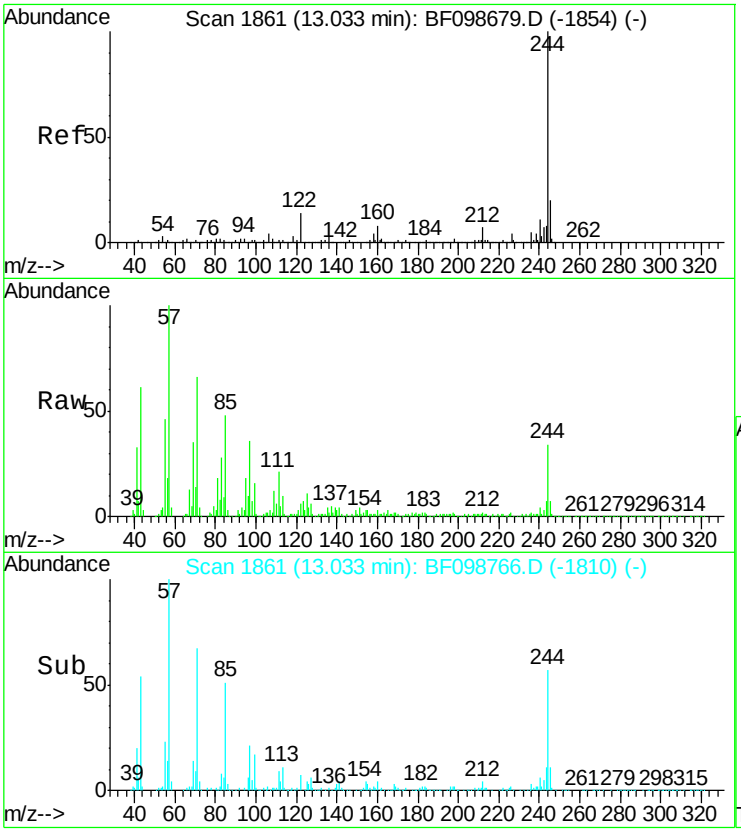


#77
Pyrene
Concen: 0.13 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:202 Resp: 1675

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	111.2	14.3	21.5#



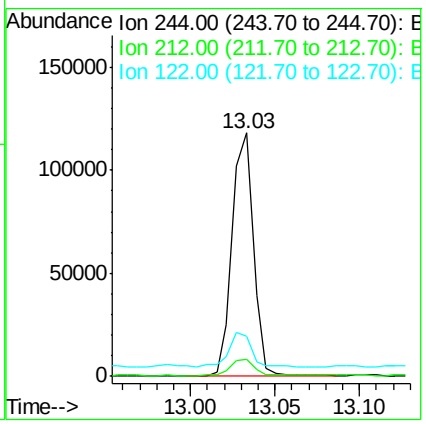


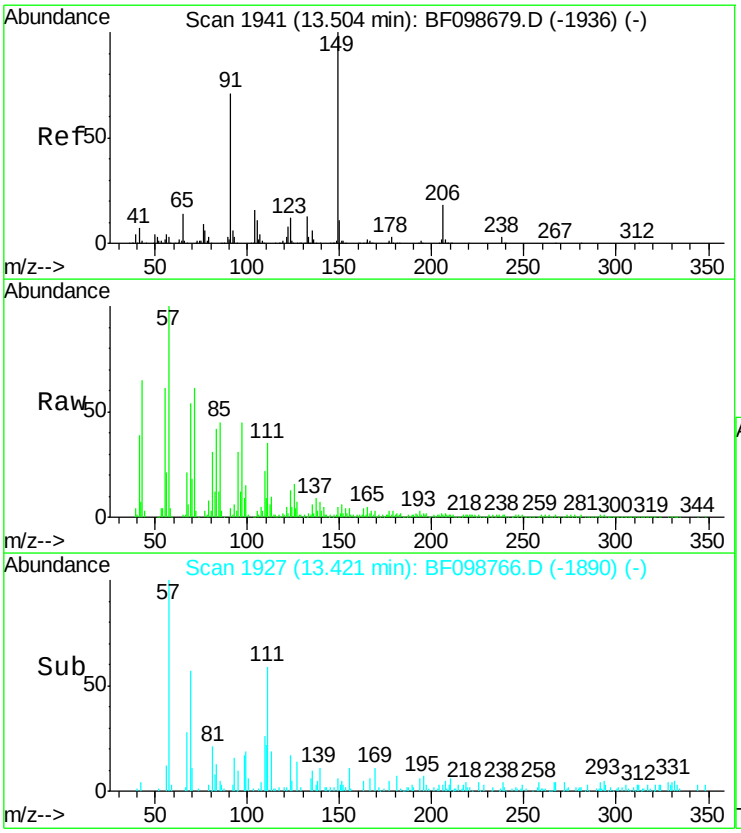
#78
Terphenyl-d14
Concen: 13.28 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 102528

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	16.6	11.0	16.4#

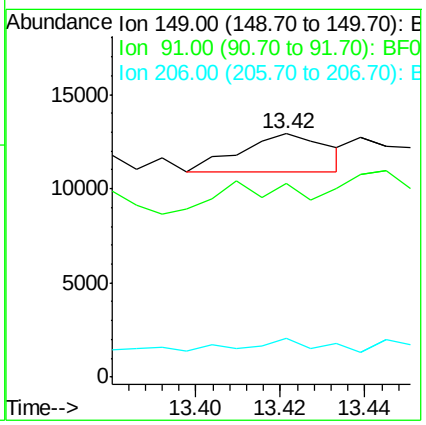


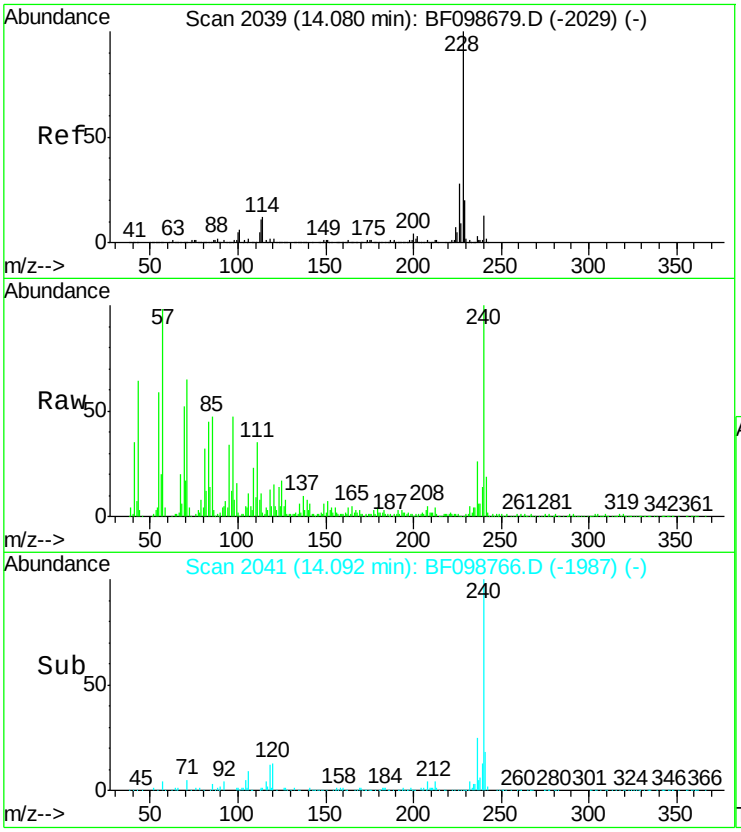


#79
Butylbenzylphthalate
Concen: 0.47 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.08 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:149 Resp: 2975

Ion	Ratio	Lower	Upper
149	100		
91	79.5	56.8	85.2
206	16.2	14.1	21.1



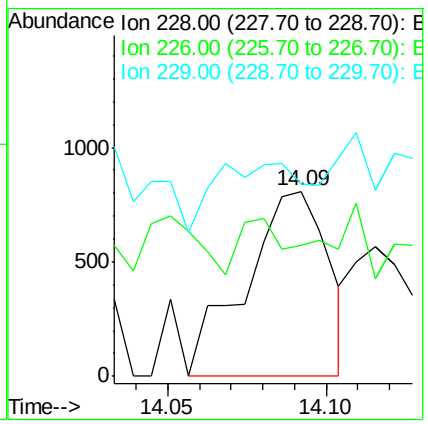


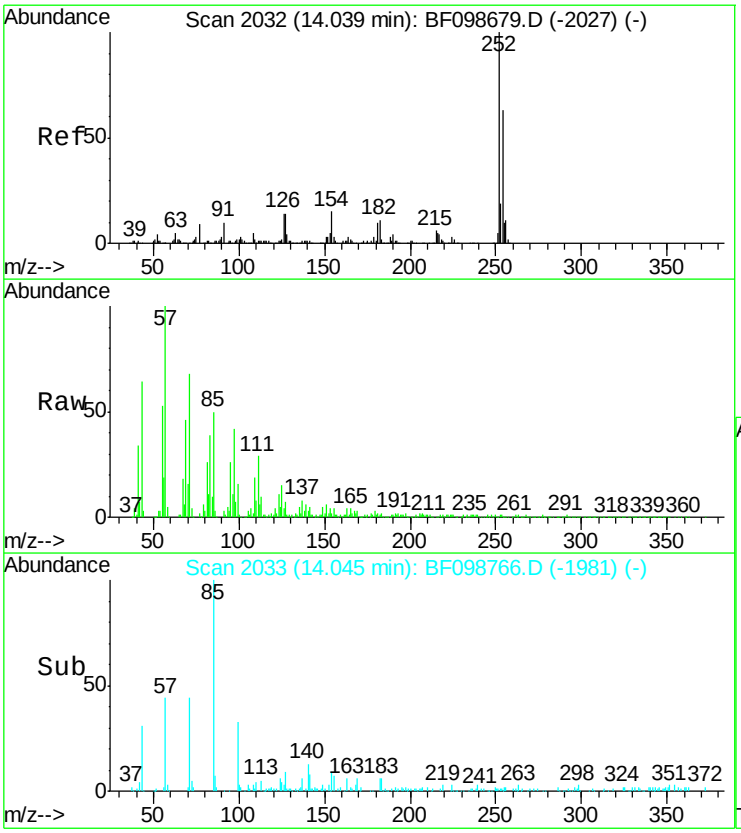
#80
Benzo(a)anthracene
Concen: 0.14 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1464

Ion	Ratio	Lower	Upper
228	100		
226	70.7	22.6	33.8#
229	103.8	15.8	23.6#

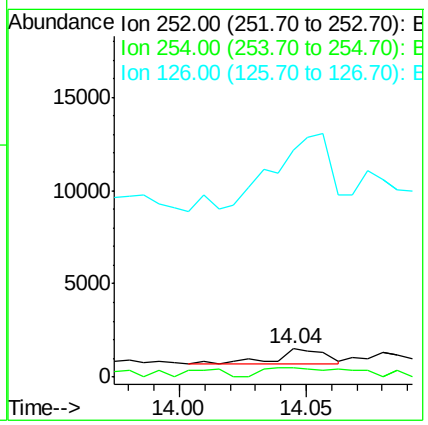


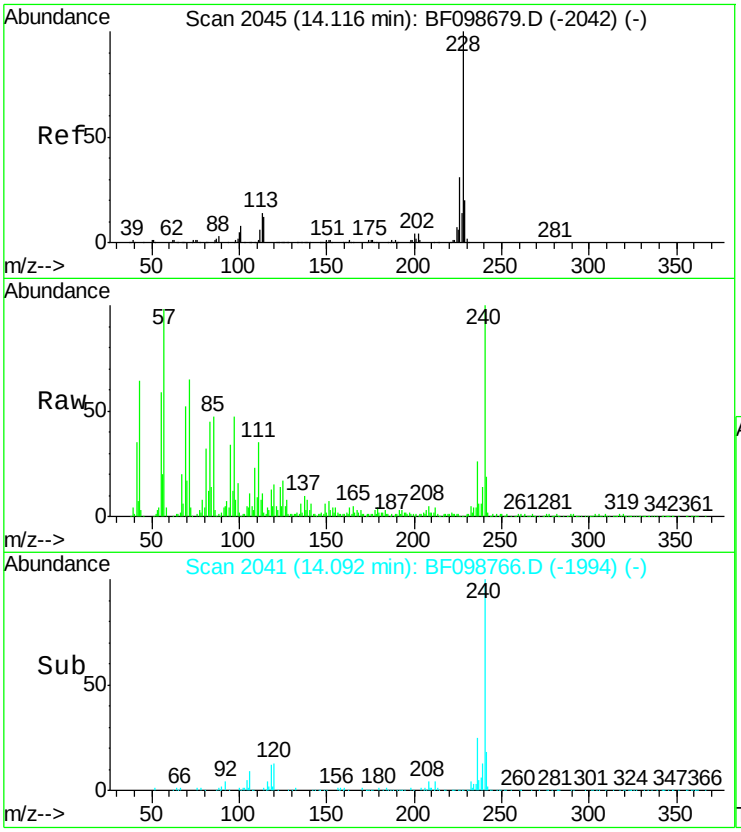


#81
3,3'-Dichlorobenzidine
Concen: 0.28 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:252 Resp: 1081

Ion	Ratio	Lower	Upper
252	100		
254	33.2	50.4	75.6#
126	811.6	11.3	16.9#



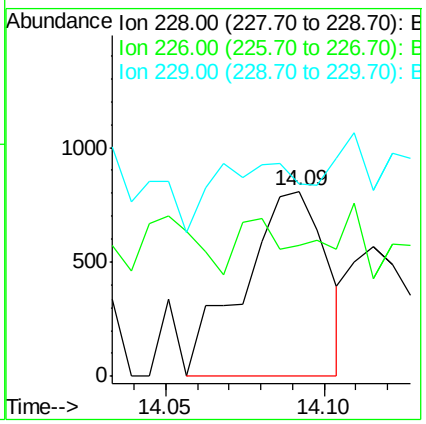


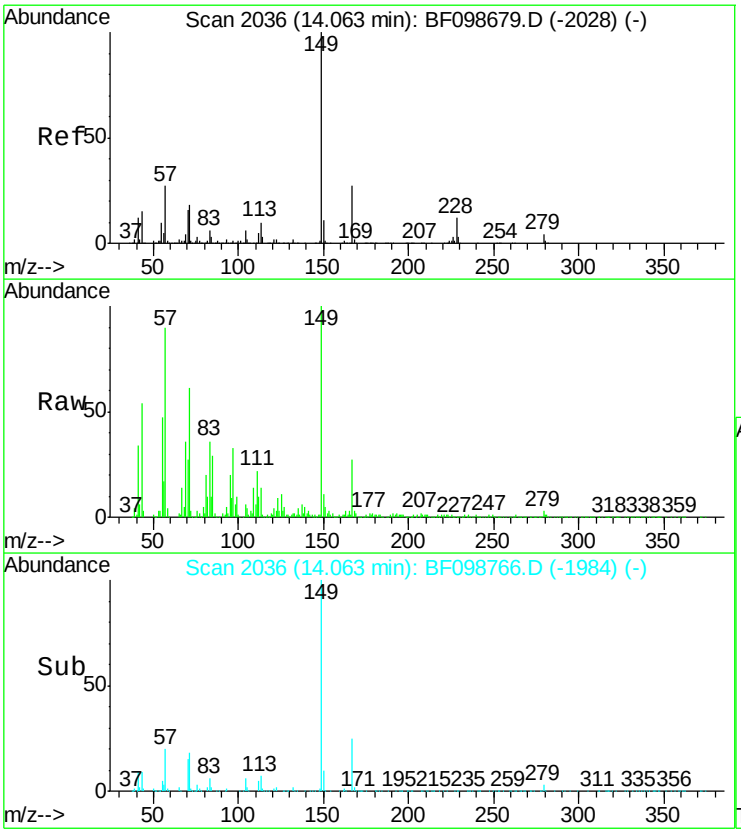
#82
Chrysene
Concen: 0.14 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1464

Ion	Ratio	Lower	Upper
228	100		
226	70.7	25.0	37.6#
229	103.8	16.2	24.4#

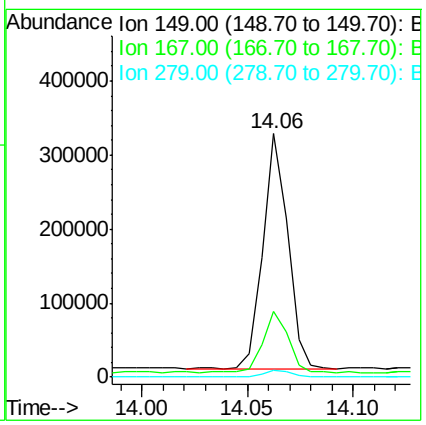


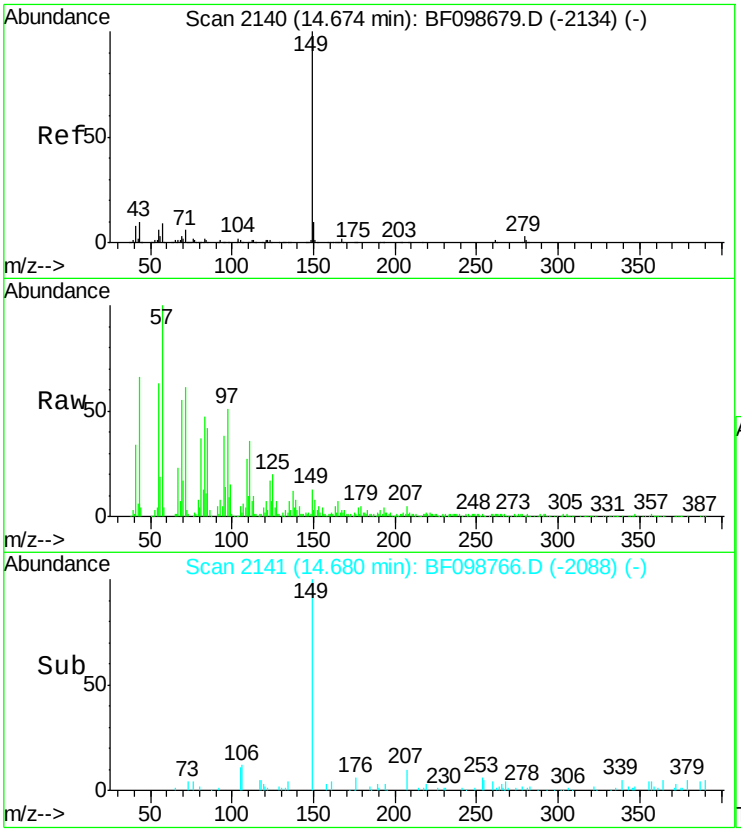


#83
Bis(2-ethylhexyl)phthalate
Concen: 30.06 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:149 Resp: 260563

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.0	3.0	4.4



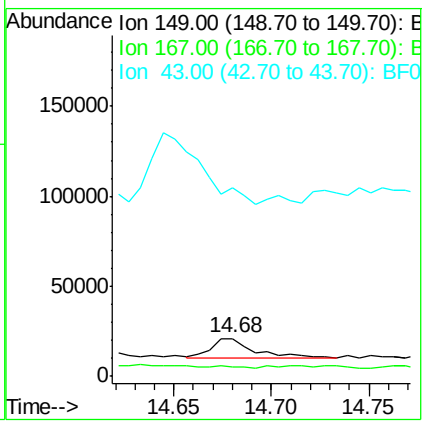


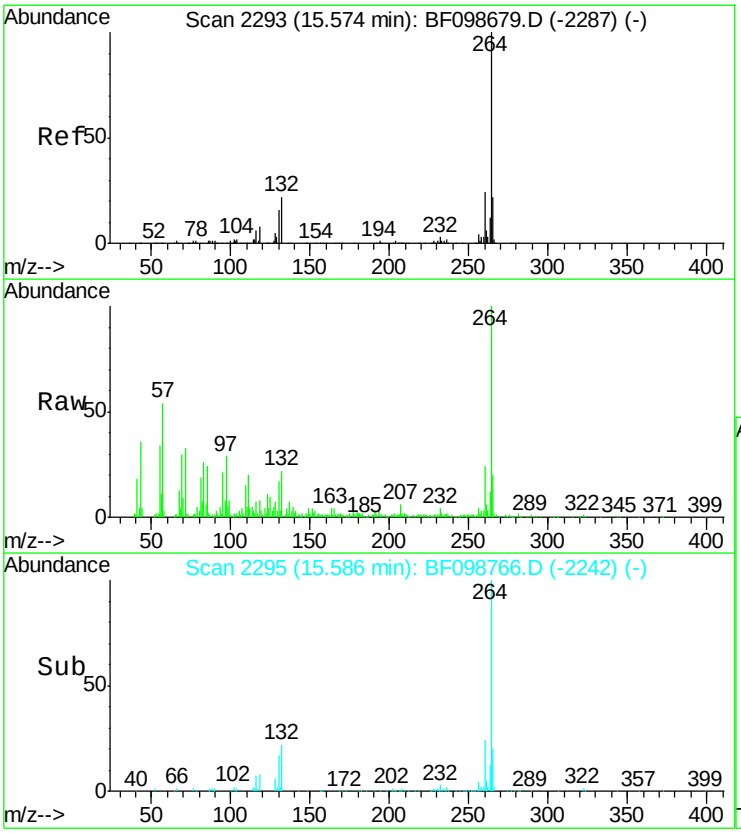
#84
Di-n-octyl phthalate
Concen: 1.16 ng
RT: 14.68 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16205

Ion	Ratio	Lower	Upper
149	100		
167	4.7	1.2	1.8#
43	0.0	8.4	12.6#

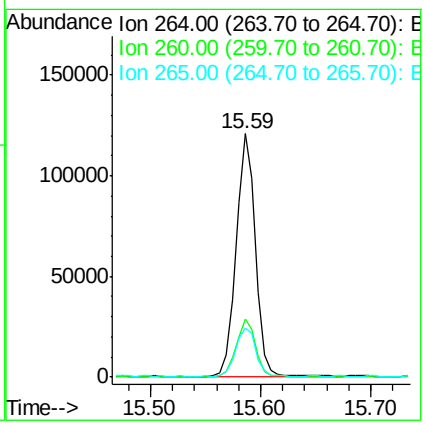


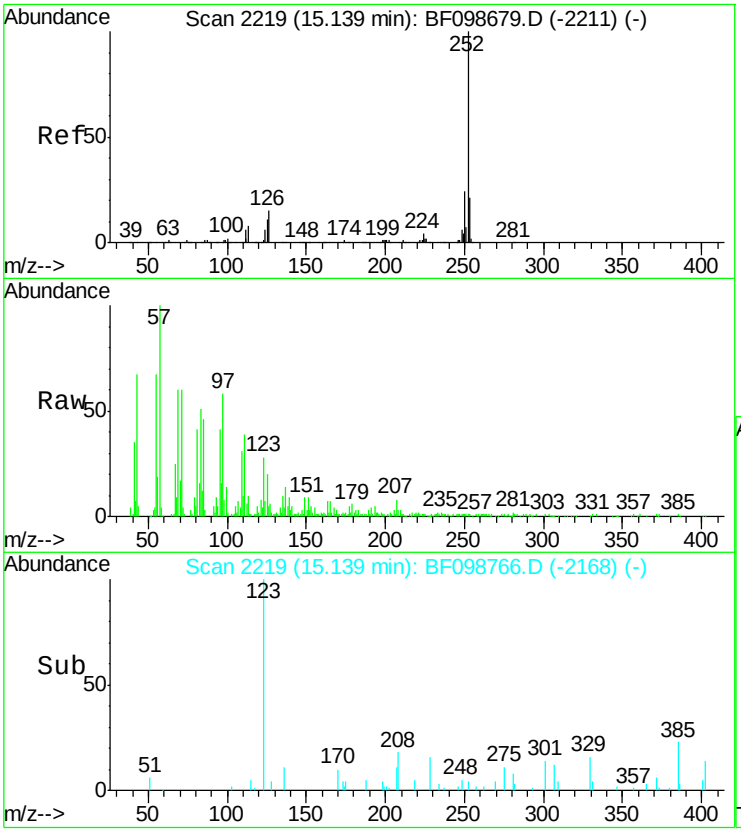


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:264 Resp: 147711

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3



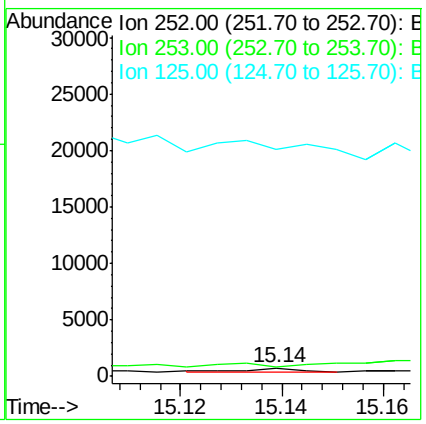


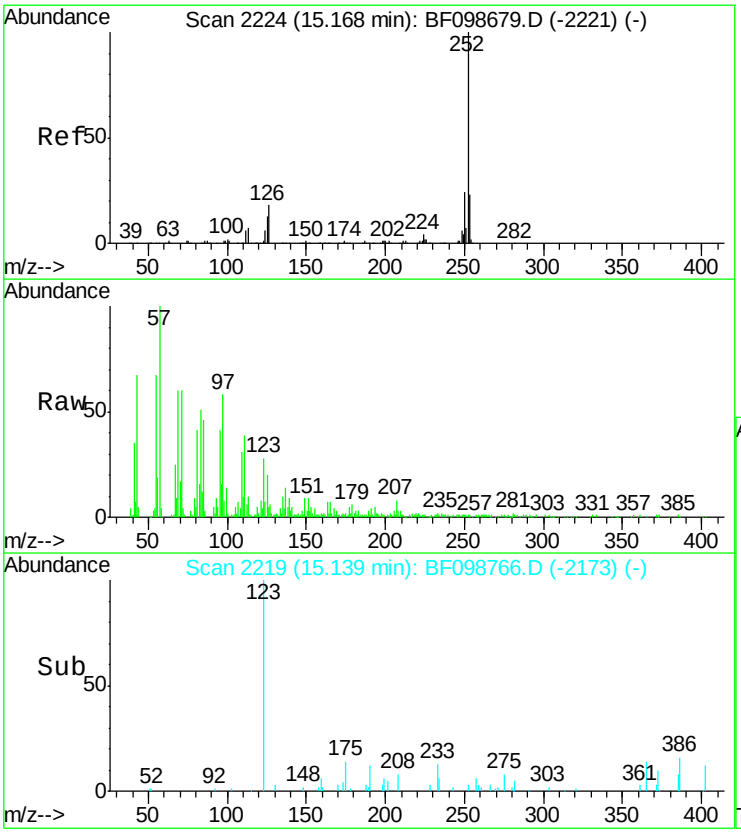
#87
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 254

Ion	Ratio	Lower	Upper
252	100		
253	110.9	17.0	25.6#
125	2737.9	9.0	13.6#

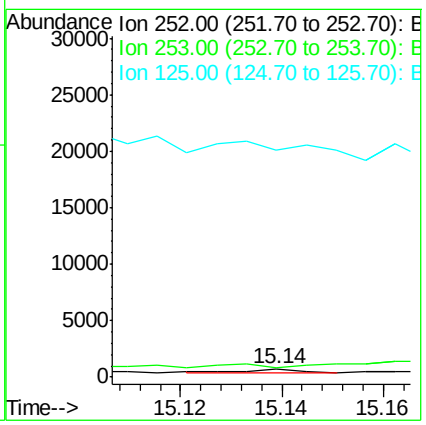


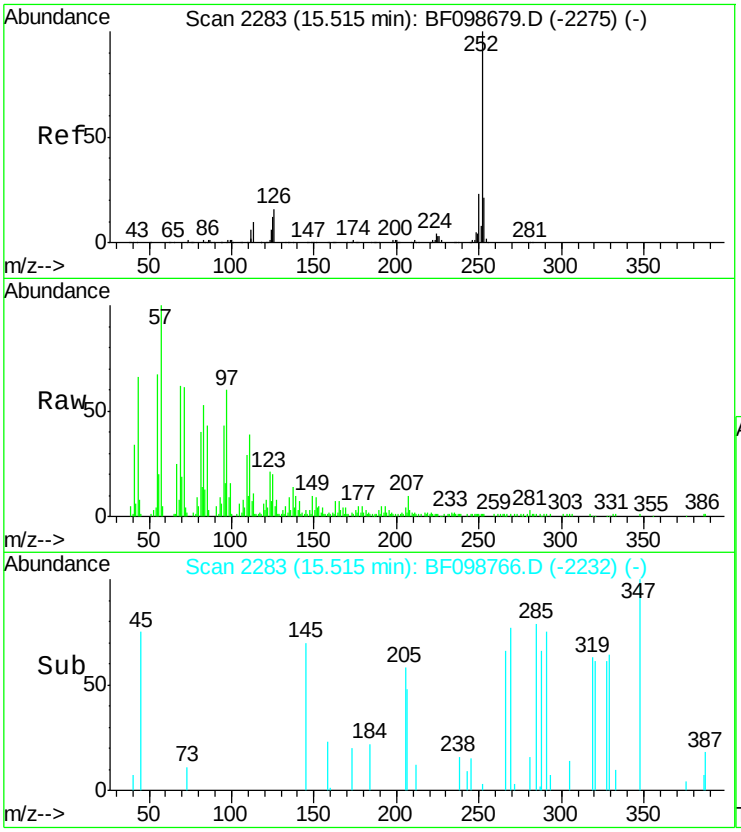


#88
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Tgt Ion:252 Resp: 254

Ion	Ratio	Lower	Upper
252	100		
253	110.9	17.9	26.9#
125	2737.9	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098766.D
Acq: 24 Sep 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 476

Ion	Ratio	Lower	Upper
252	100		
253	127.9	17.1	25.7#
125	2717.3	9.8	14.6#