Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:52:25 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	179332	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	727695	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	307402	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	462625	20.00	ng		0.00
75) Chrysene-d12	14.08	240	292736	20.00	ng		0.00
86) Perylene-d12	15.57	264	279446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1278362	113.48	ng		0.00
7) Phenol-d6	6.55	99	1580002	113.69	ng		0.00
23) Nitrobenzene-d5	7.49	82	961156	84.70	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	257730	102.46	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1538335	83.54	ng		0.00
78) Terphenyl-d14	13.03	244	998285	77.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	112	0.02	ng	#	1
4) n-Nitrosodimethylamine	3.63	42	251	0.04	ng	#	1
6) Aniline	6.63	93	198559	10.59	ng	#	48
8) 2-Chlorophenol	6.70	128	215	0.02	ng	#	1
9) Benzaldehyde	6.69	77	28609	3.55	ng		83
10) Phenol	6.56	94	30233	1.95	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	198559	16.43	ng	#	22
12) 1,3-Dichlorobenzene	7.08	146	400	0.03	ng	#	1
13) 1,4-Dichlorobenzene	7.08	146	400	0.03	ng	#	1
14) 1,2-Dichlorobenzene	7.08	146	400	0.03	ng	#	1
15) Benzyl Alcohol	7.07	79	15344	1.51	ng	#	37
16) 2,2'-oxybis(1-Chloropropan	7.23	45	294	0.02	ng		70
17) 2-Methylphenol	7.04	107	328	0.03	ng	#	1
19) n-Nitroso-di-n-propylamine	7.49	70	128232	14.45	ng	#	76
20) 3+4-Methylphenols	7.30	107	7635	0.58	ng		93
22) Acetophenone	7.32	105	735	0.04	ng	#	64
24) Nitrobenzene	7.48	77	3319	0.26	ng	#	39
25) Isophorone	7.49	82	954149	40.67	ng	#	64
27) 2,4-Dimethylphenol	7.87	122	2976	0.25	ng	#	4
28) bis(2-Chloroethoxy)methane	7.90	93	1333	0.09	ng	#	1
31) Naphthalene	8.22	128	1969	0.06	ng	#	79
32) Benzoic acid	7.87	122	2976	0.31	ng		96
35) Caprolactam	8.59	113	109	0.03	ng	#	82
37) 2-Methylnaphthalene	8.91	142	1007	0.05	ng	#	83
45) 1,1'-Biphenyl	9.37	154	3067	0.12	ng		94
46) 2-Chloronaphthalene	9.39	162	430	0.02	ng	#	37
47) 2-Nitroaniline	9.43	65	360	0.06	ng	#	2
48) Acenaphthylene	9.82	152	5532	0.18	ng		96
49) Dimethylphthalate	9.67	163	240605	10.37	ng		99
50) 2,6-Dinitrotoluene	9.67	165	2568	0.51	ng	#	31
51) Acenaphthene	9.99	154	1491	0.08	ng		89
52) 3-Nitroaniline	9.92	138	107	0.02	ng	#	1
54) Dibenzofuran	10.16	168	1265	0.05	ng	#	89
55) 4-Nitrophenol	10.11	139	143	0.03	ng	#	17

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:52:25 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)
56) 2,4-Dinitrotoluene	9.96	165	39062	5.96	ng	#	23
57) Fluorene	10.50	166	1909	0.09	ng	#	93
59) Diethylphthalate	10.37	149	1975	0.09	ng	#	85
60) 4-Chlorophenyl-phenylether	10.66	204	1791	0.19	ng	#	24
61) 4-Nitroaniline	10.73	138	259	0.05	ng	#	1
62) Azobenzene	10.65	77	3841	0.18	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.75	198	640	0.23	ng	#	1
65) n-Nitrosodiphenylamine	10.75	169	10032	0.63	ng	#	43
66) 4-Bromophenyl-phenylether	10.75	248	18120	4.00	ng	#	1
70) Phenanthrene	11.47	178	39861	1.61	ng		99
71) Anthracene	11.52	178	6008	0.24	ng		97
72) Carbazole	11.67	167	3965	0.16	ng	#	89
73) Di-n-butylphthalate	12.00	149	3707	0.12	ng	#	88
74) Fluoranthene	12.65	202	75545	3.01	ng		99
76) Benzidine	13.03	184	14308	1.32	ng	#	92
77) Pyrene	12.88	202	73181	3.28	ng		98
79) Butylbenzylphthalate	13.50	149	2313	0.22	ng	#	73
80) Benzo(a)anthracene	14.07	228	28195	1.59	ng		94
81) 3,3'-Dichlorobenzidine	14.12	252	148	0.02	ng	#	58
82) Chrysene	14.10	228	31421	1.86	ng		96
83) Bis(2-ethylhexyl)phthalate	14.05	149	7694	0.53	ng	#	93
84) Di-n-octyl phthalate	14.68	149	375	0.02	ng	#	55
85) Indeno(1,2,3-cd)pyrene	17.07	276	17237	1.28	ng		94
87) Benzo(b)fluoranthene	15.13	252	52419	3.05	ng	#	97
88) Benzo(k)fluoranthene	15.13	252	52419	3.09	ng		97
89) Benzo(a)pyrene	15.50	252	26764	1.70	ng	#	93
90) Dibenzo(a,h)anthracene	17.08	278	4268	0.34	ng	#	51
91) Benzo(g,h,i)perylene	17.52	276	15573	1.25	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
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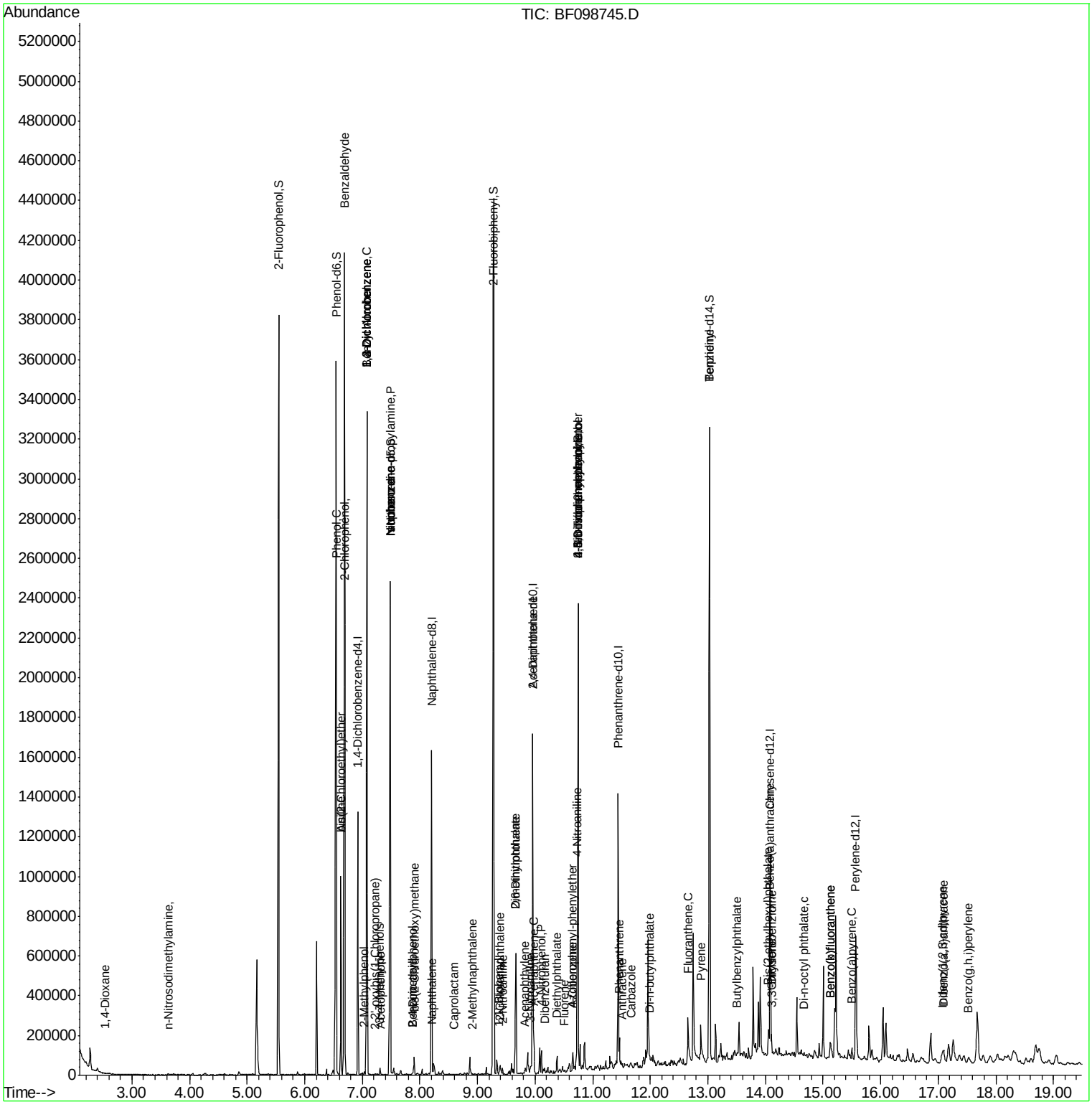
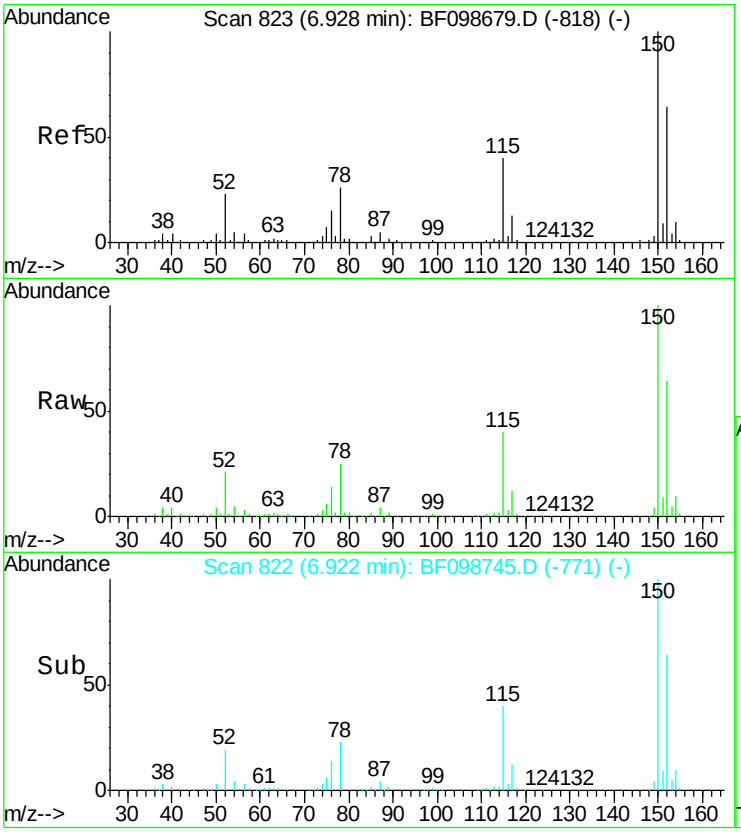
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 25 04:52:25 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



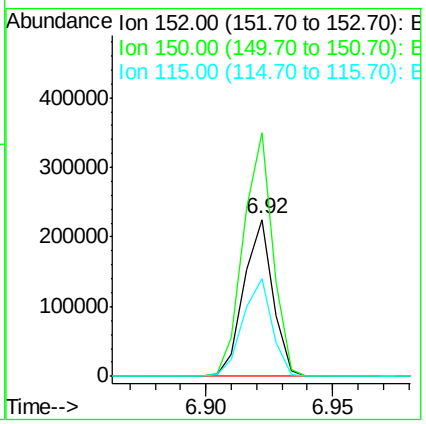


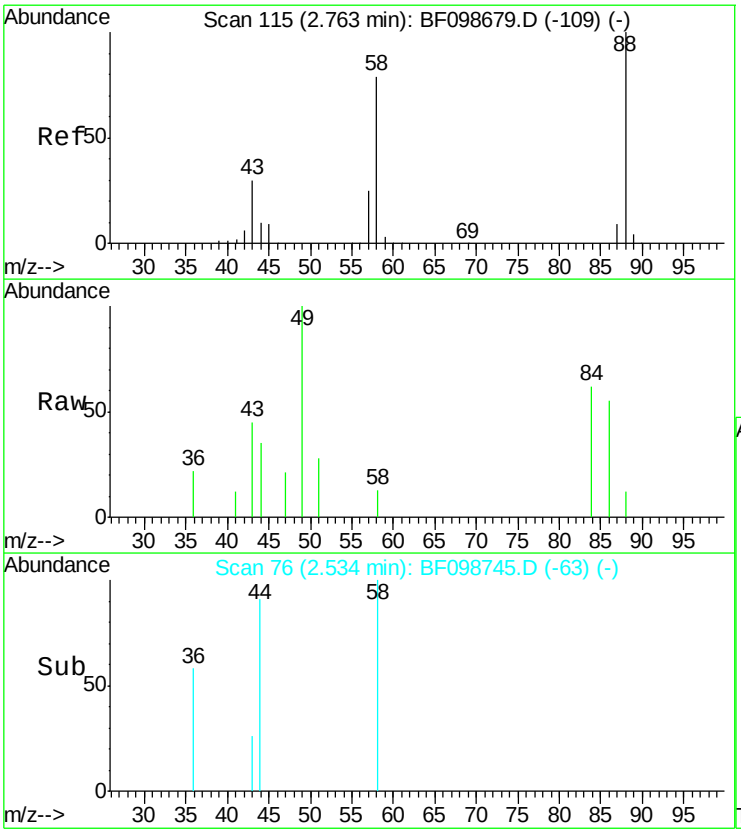
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 179332

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.5	50.1	75.1

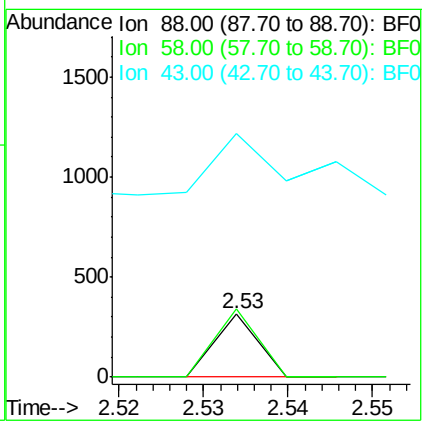


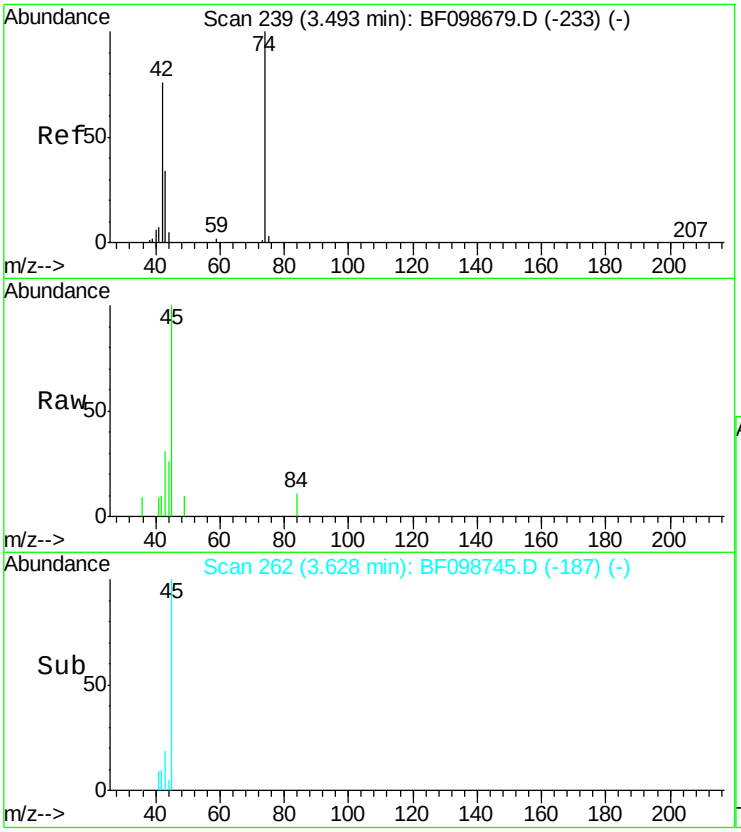


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 2.53 min Scan# 76
Delta R.T. -0.22 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 88 Resp: 112

Ion	Ratio	Lower	Upper
88	100		
58	106.3	62.6	93.8#
43	177.7	24.6	37.0#



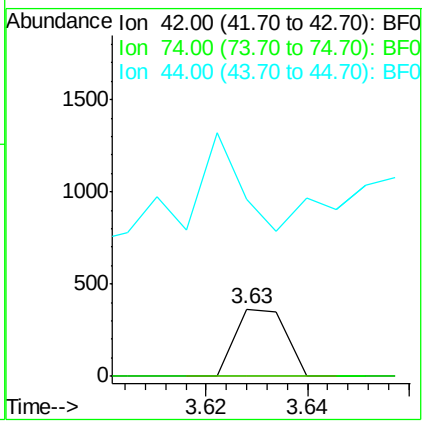


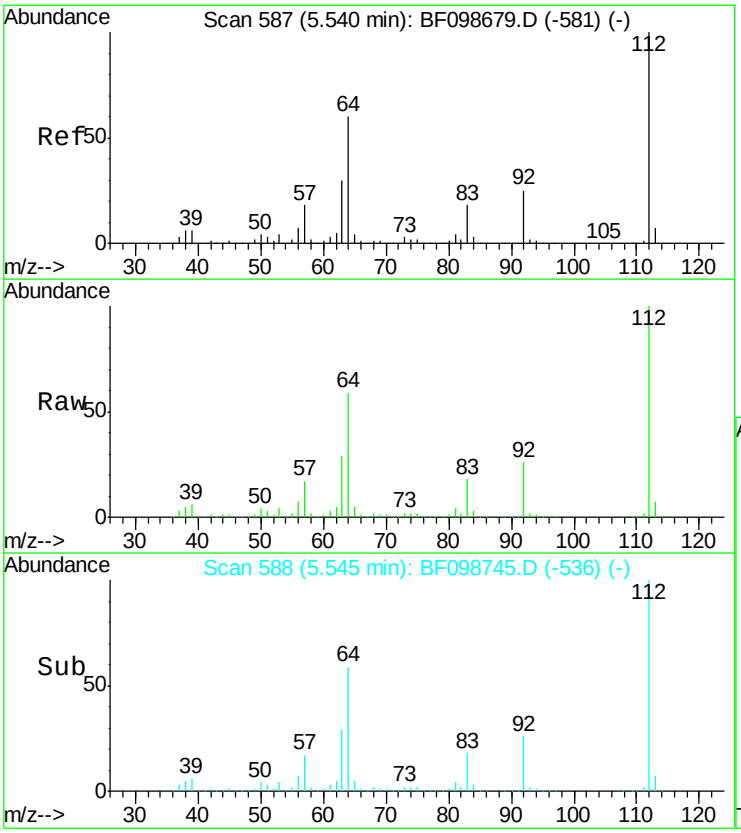
#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.63 min Scan# 262
Delta R.T. 0.14 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 251

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	263.2	6.9	10.3#

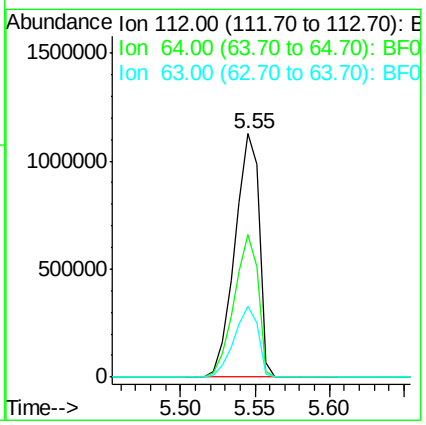


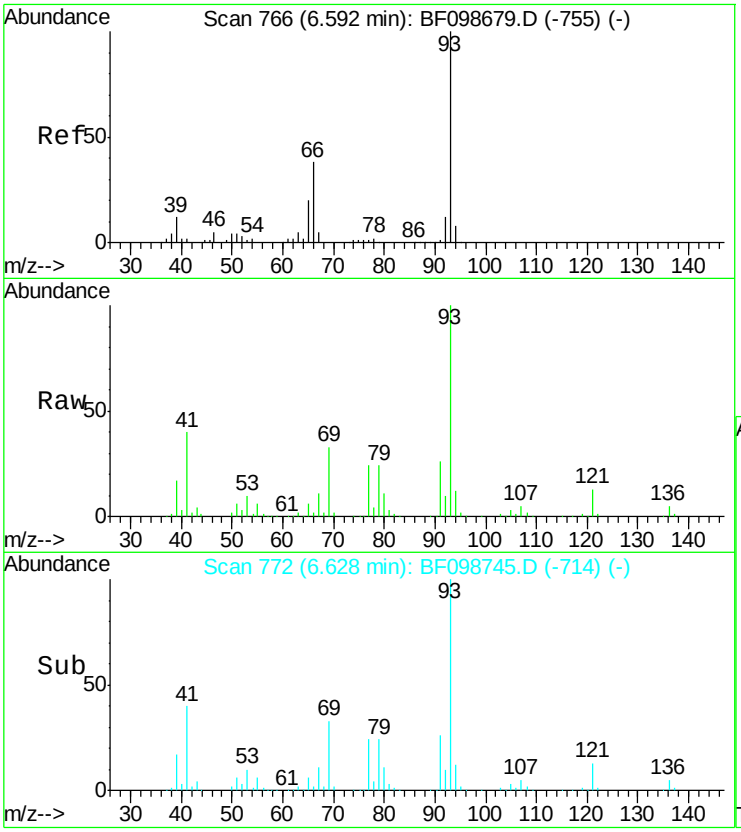


#5
2-Fluorophenol
Concen: 113.48 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:112 Resp: 1278362

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.1	23.7	35.5



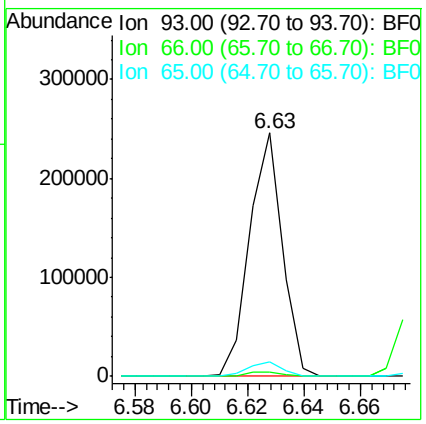


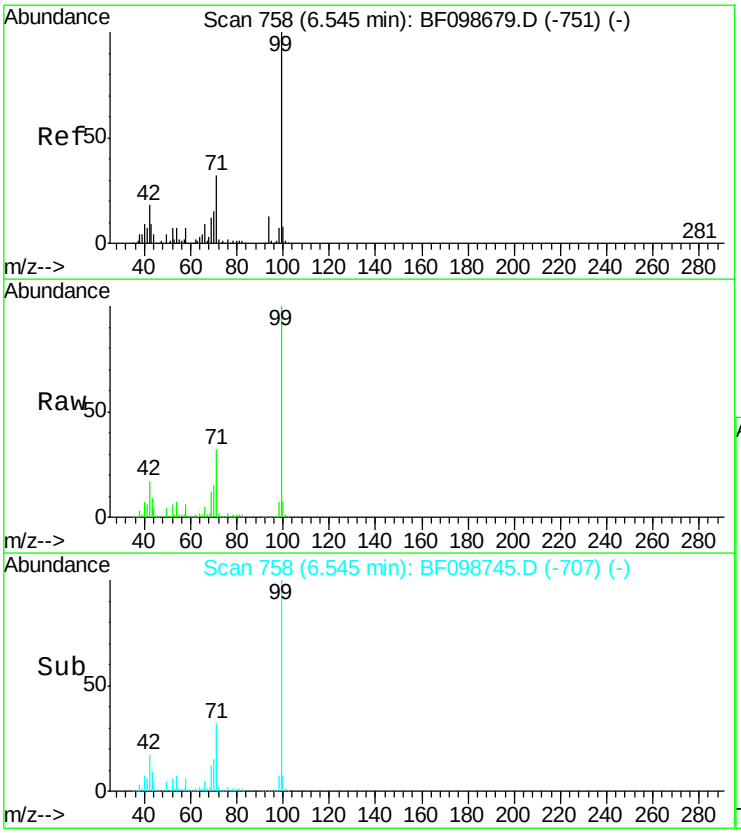
#6
Aniline
Concen: 10.59 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.04 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 198559

Ion	Ratio	Lower	Upper
93	100		
66	1.9	32.2	48.2#
65	5.9	16.4	24.6#

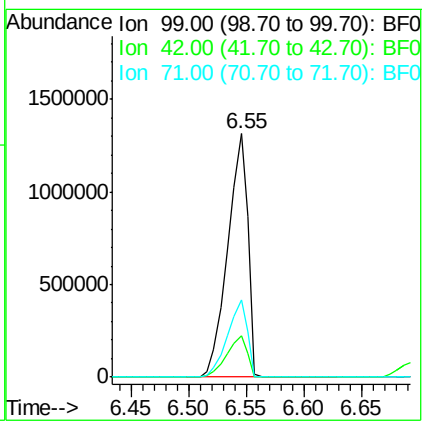


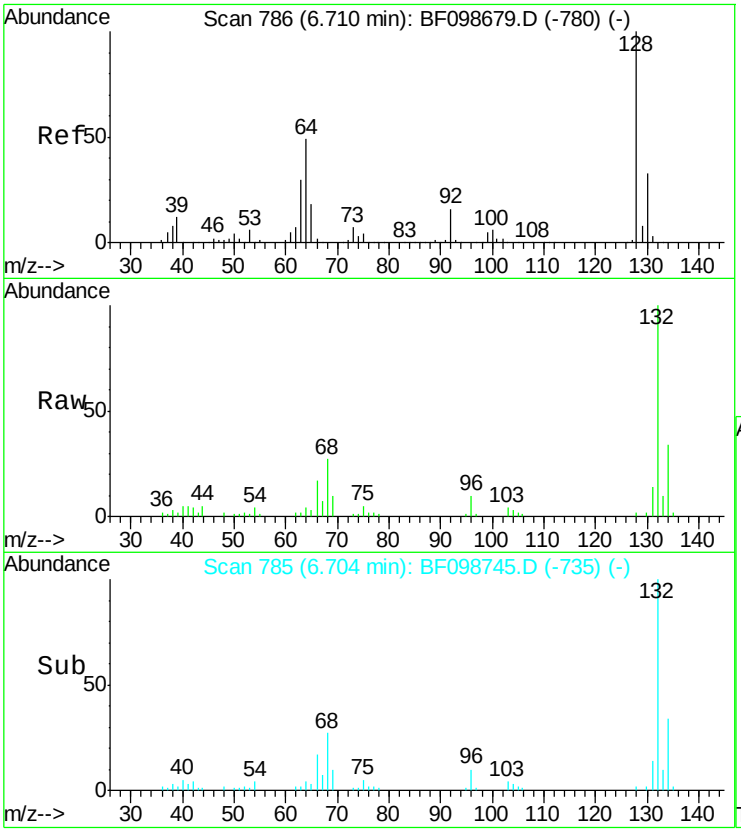


#7
Phenol-d6
Concen: 113.69 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 99 Resp: 1580002

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	31.7	25.4	38.0



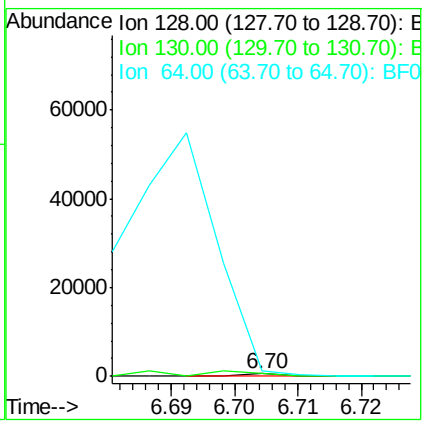


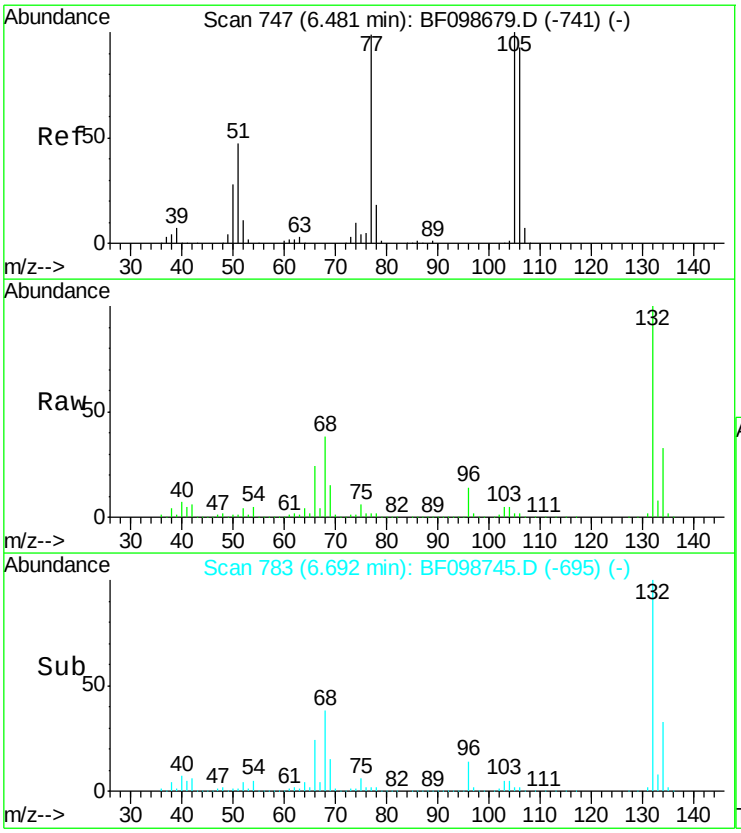
#8
2-Chlorophenol
Concen: 0.02 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 215

Ion	Ratio	Lower	Upper
128	100		
130	98.5	13.0	53.0#
64	221.0	29.4	69.4#

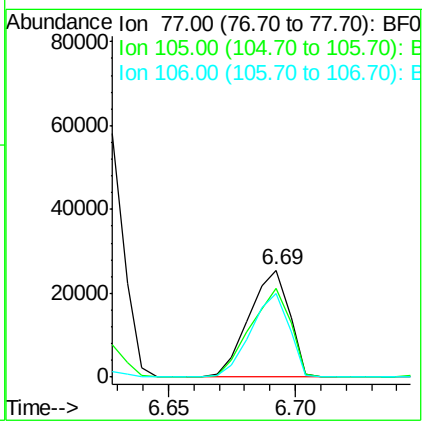


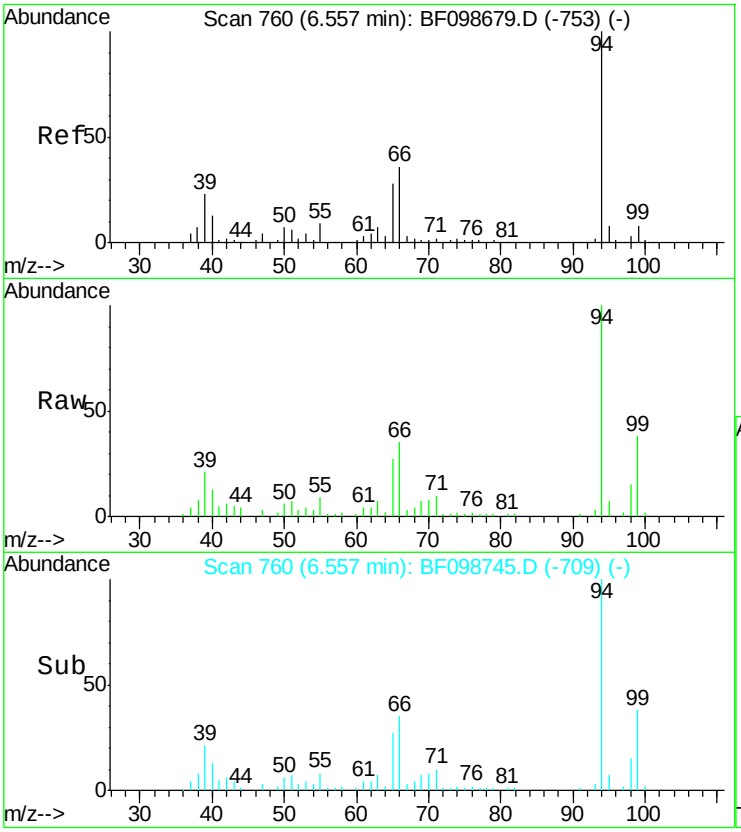


#9
Benzaldehyde
Concen: 3.55 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.22 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 77 Resp: 28609

Ion	Ratio	Lower	Upper
77	100		
105	83.6	81.1	121.1
106	78.2	74.5	114.5



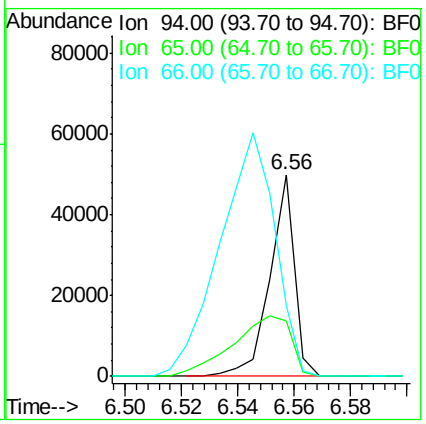


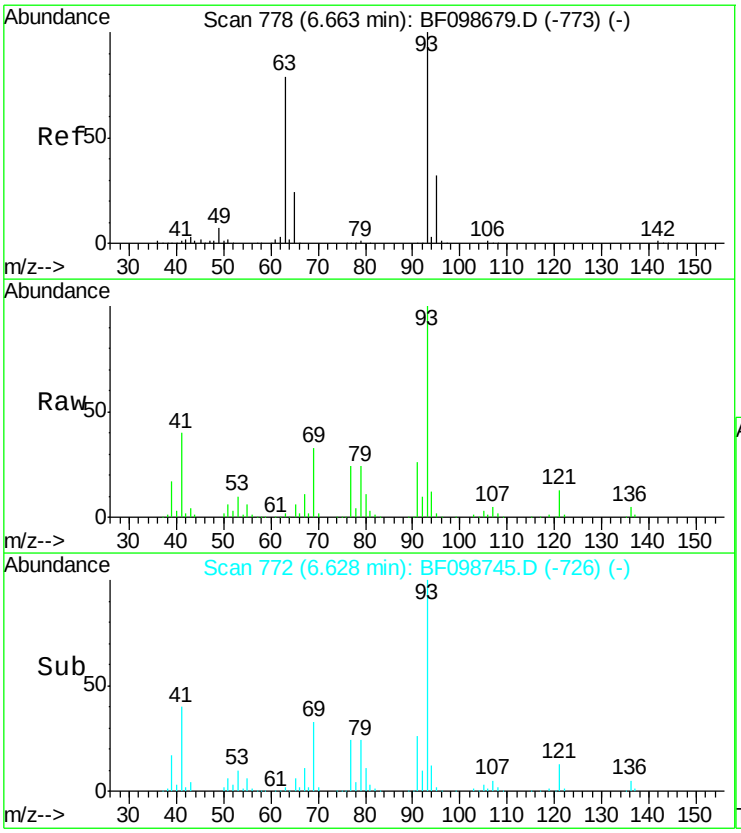
#10
Phenol
Concen: 1.95 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 30233

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	35.3	16.2	56.2

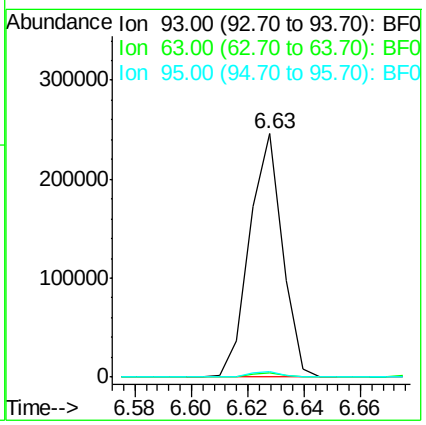


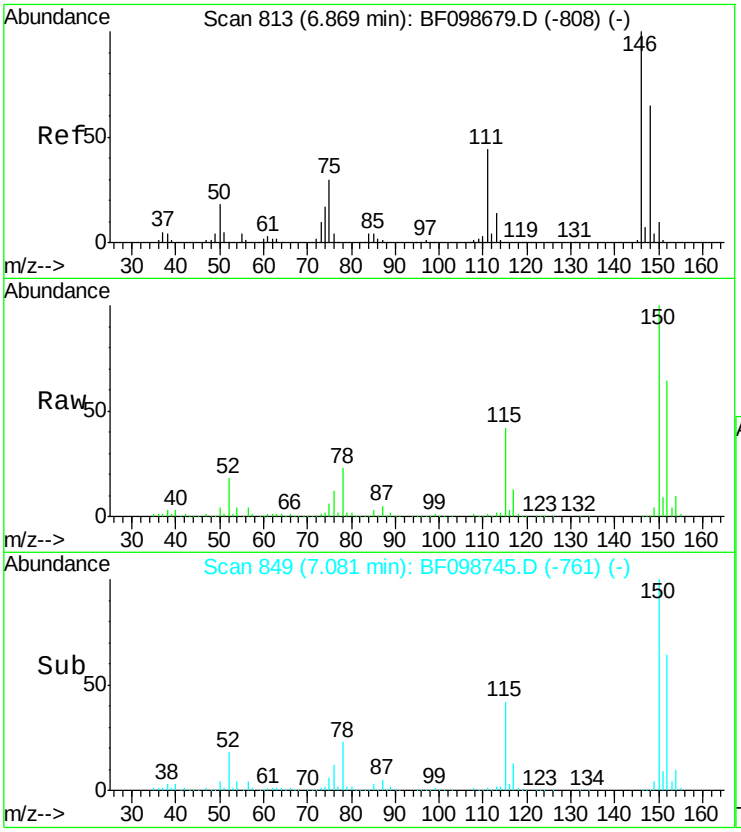


#11
bis(2-Chloroethyl)ether
Concen: 16.43 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 93 Resp: 198559

Ion	Ratio	Lower	Upper
93	100		
63	1.7	58.6	98.6#
95	2.1	11.8	51.8#



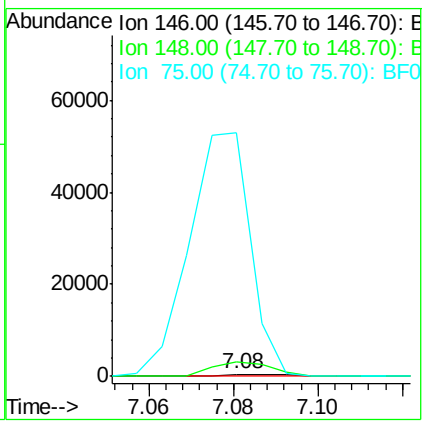


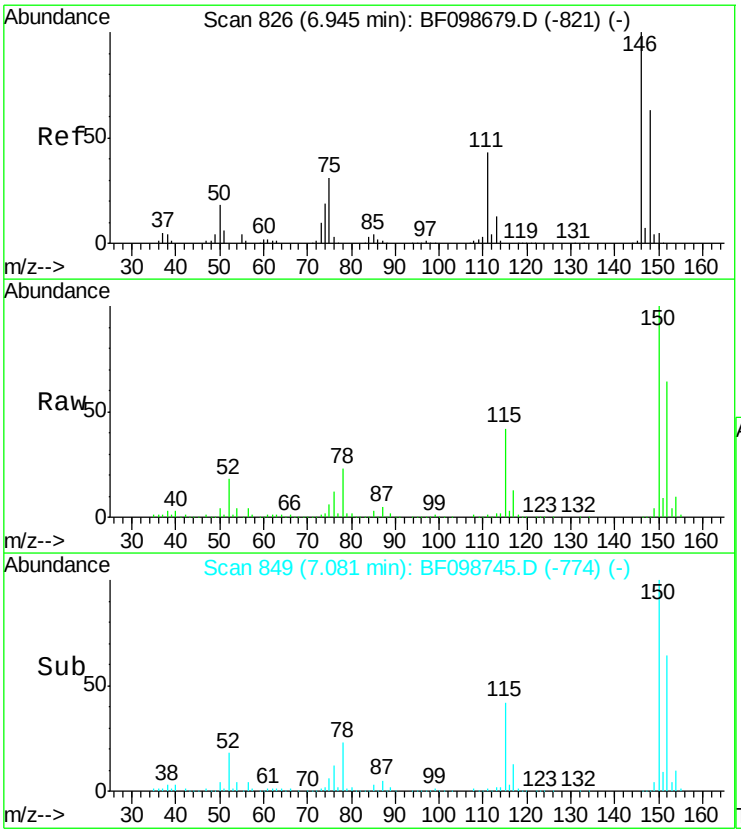
#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.22 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 400

Ion	Ratio	Lower	Upper
146	100		
148	729.9	51.8	77.8#
75	11998.2	24.2	36.4#

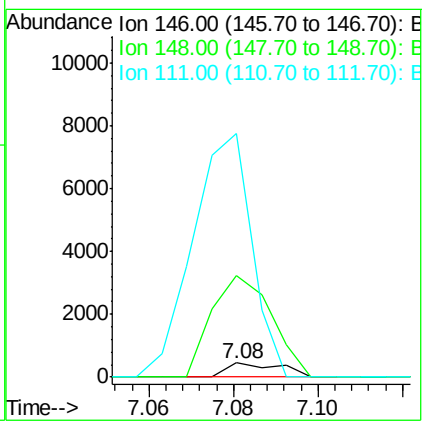


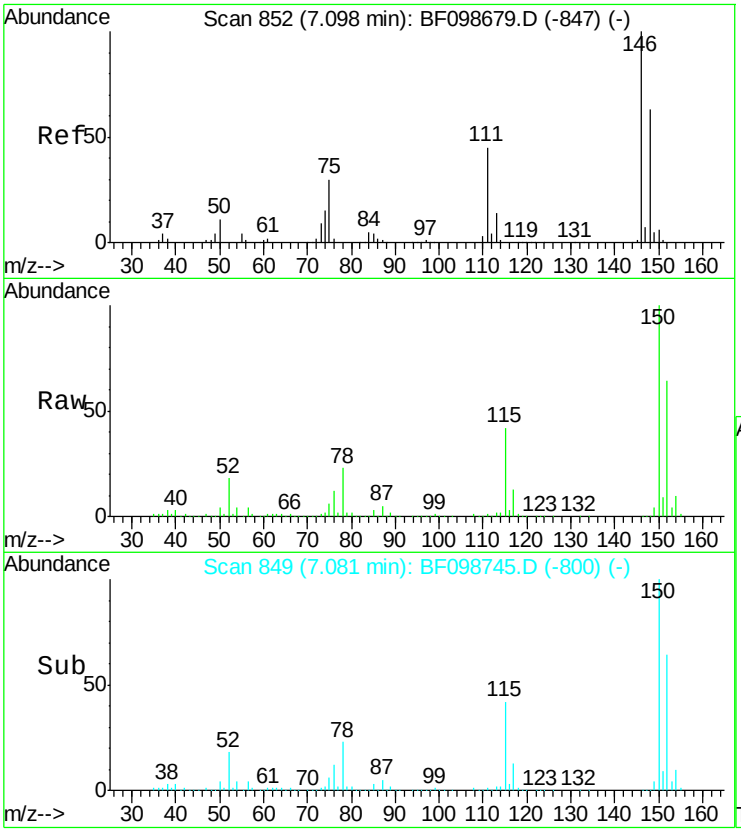


#13
1,4-Dichlorobenzene
Concen: 0.03 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.14 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:146 Resp: 400

Ion	Ratio	Lower	Upper
146	100		
148	729.9	50.8	76.2#
111	1757.8	34.2	51.2#



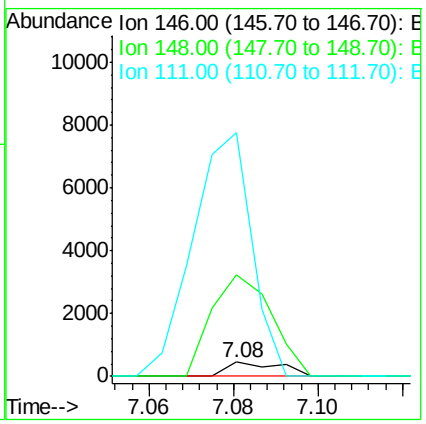


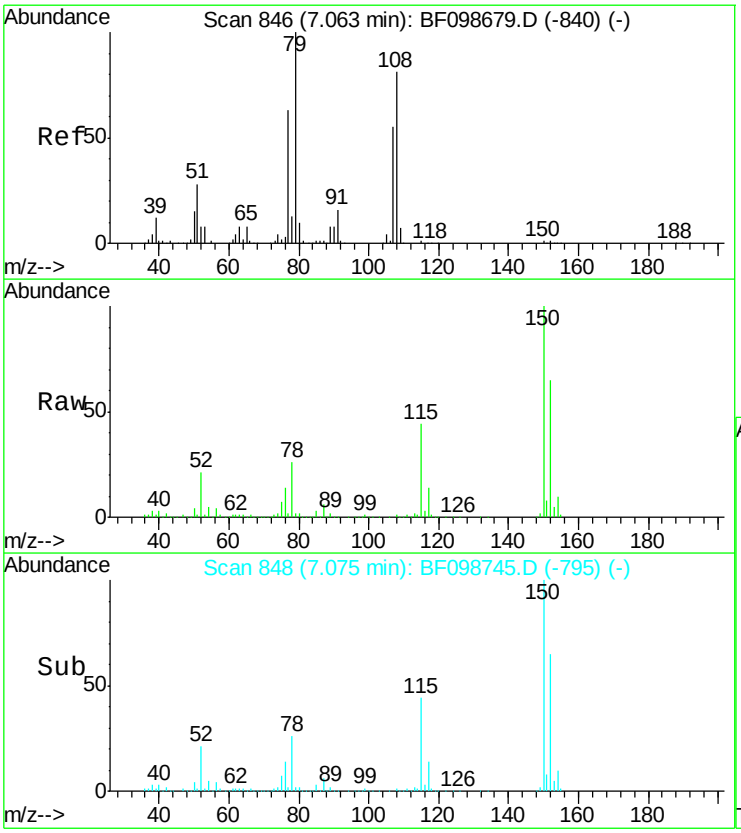
#14
1,2-Dichlorobenzene
Concen: 0.03 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 400

Ion	Ratio	Lower	Upper
146	100		
148	729.9	50.6	75.8#
111	1757.8	36.0	54.0#

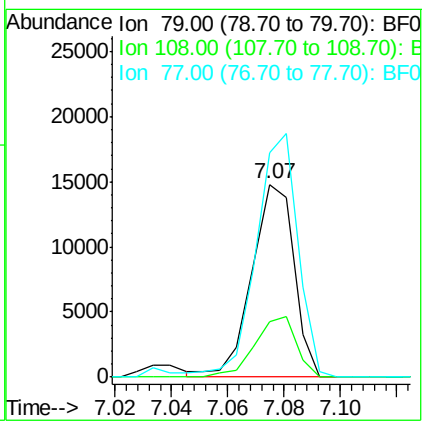


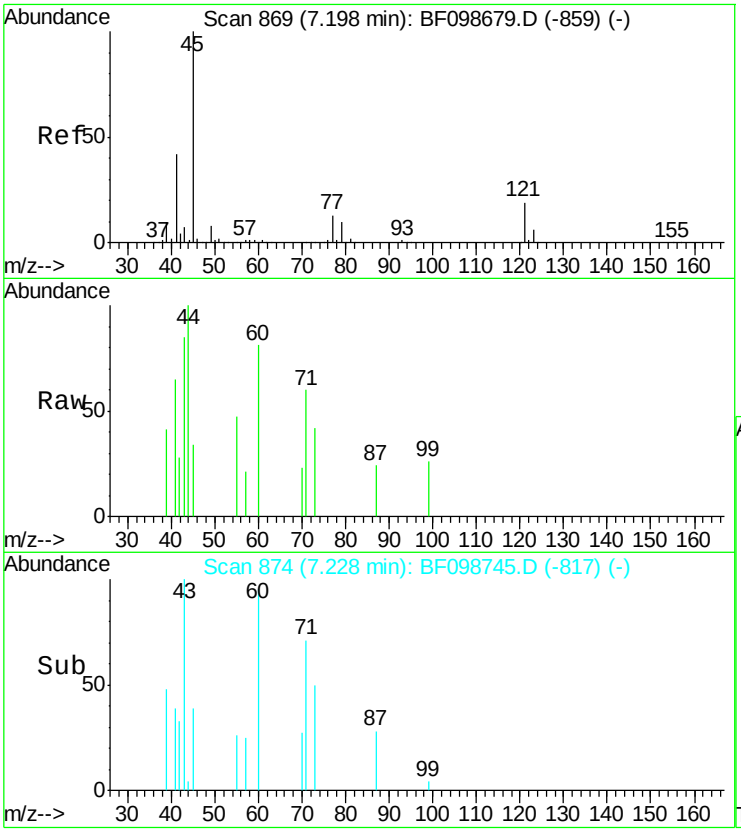


#15
Benzyl Alcohol
Concen: 1.51 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 79 Resp: 15344

Ion	Ratio	Lower	Upper
79	100		
108	28.9	65.1	97.7#
77	116.5	50.6	75.8#



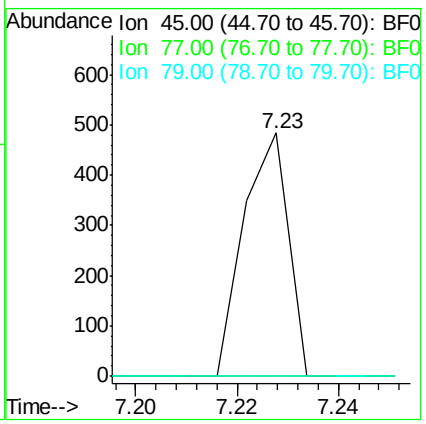


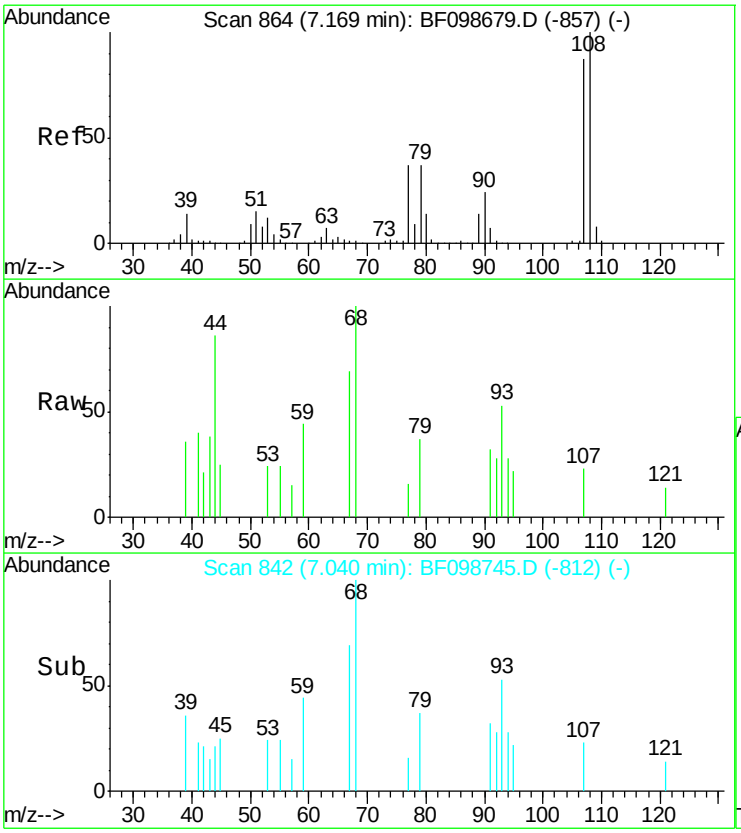
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.04 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 294

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.9
79	0.0	0.0	29.6

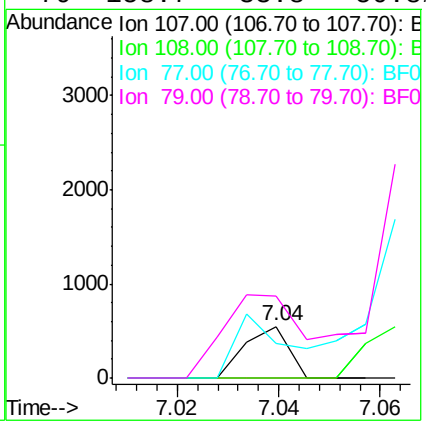


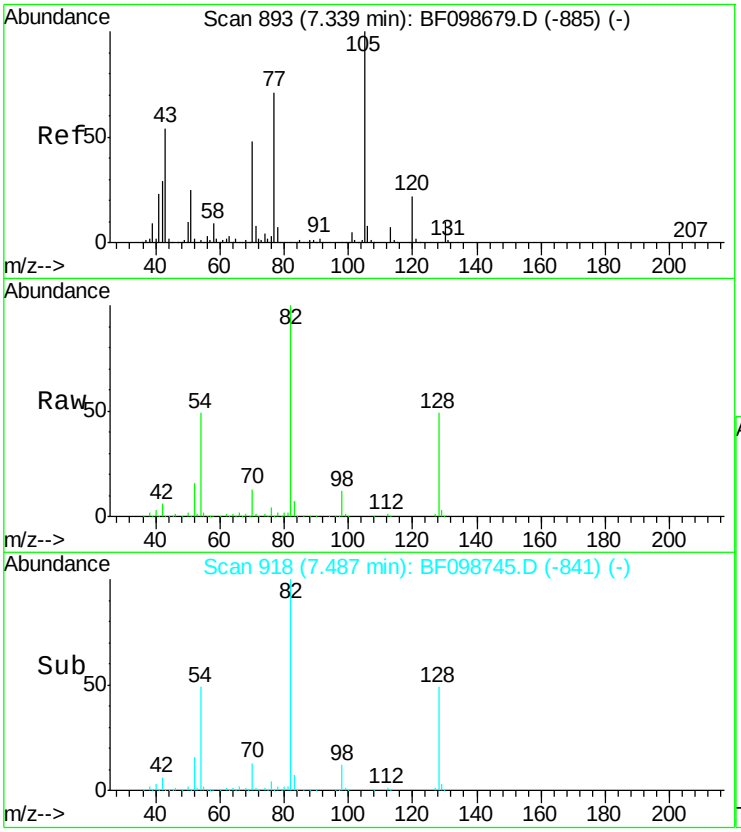


#17
2-Methylphenol
Concen: 0.03 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.12 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:107 Resp: 328

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	67.3	33.8	50.8#
79	158.7	33.8	50.8#



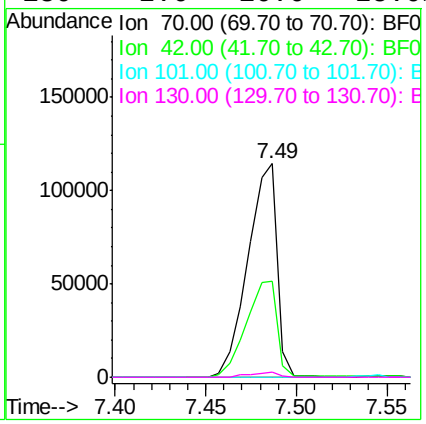


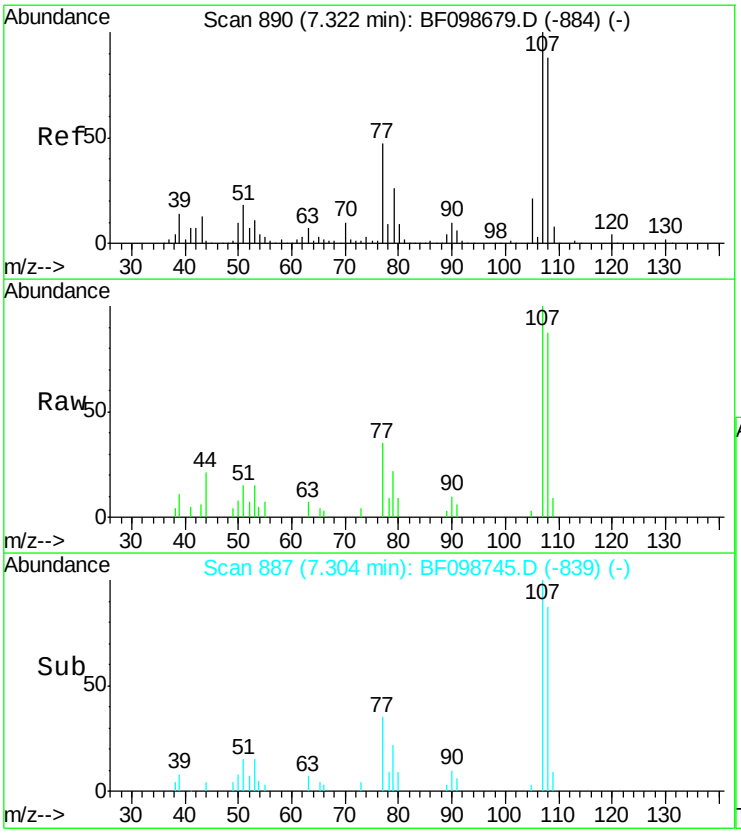
#19
n-Nitroso-di-n-propylamine
Concen: 14.45 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 128232

Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

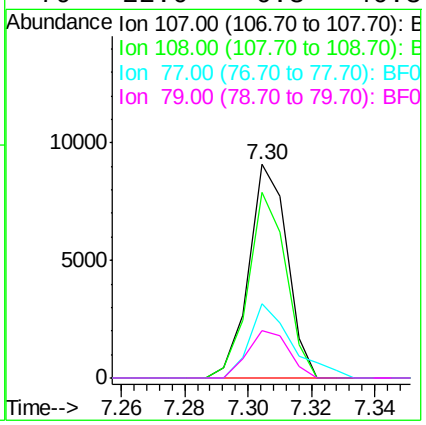


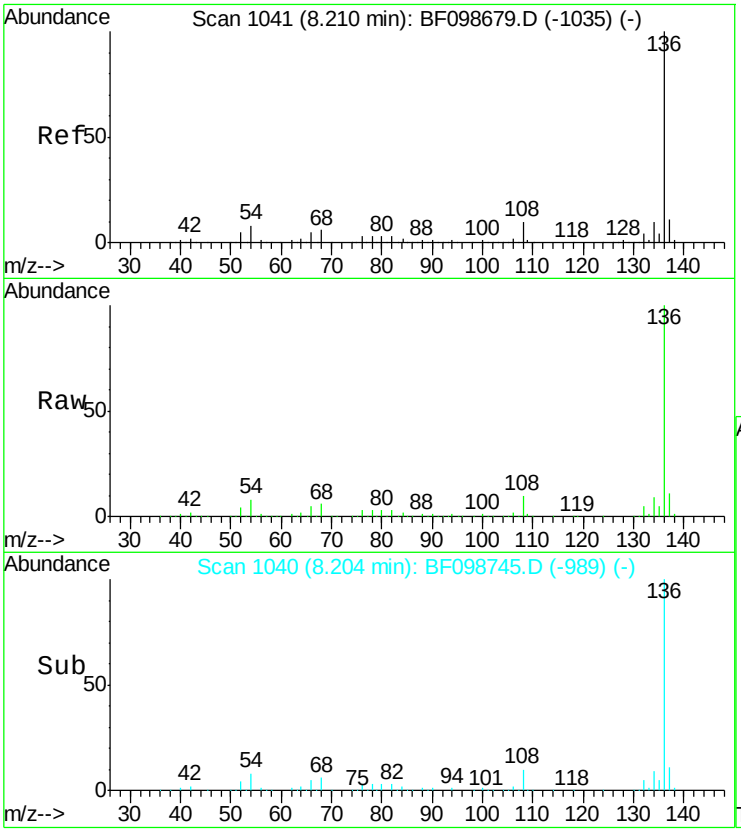


#20
3+4-Methylphenols
Concen: 0.58 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:107 Resp: 7635

Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	34.8	26.7	66.7
79	22.0	6.3	46.3



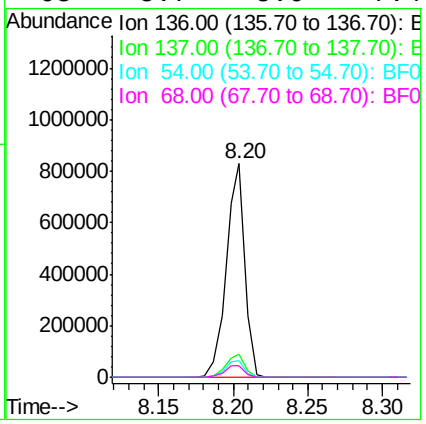


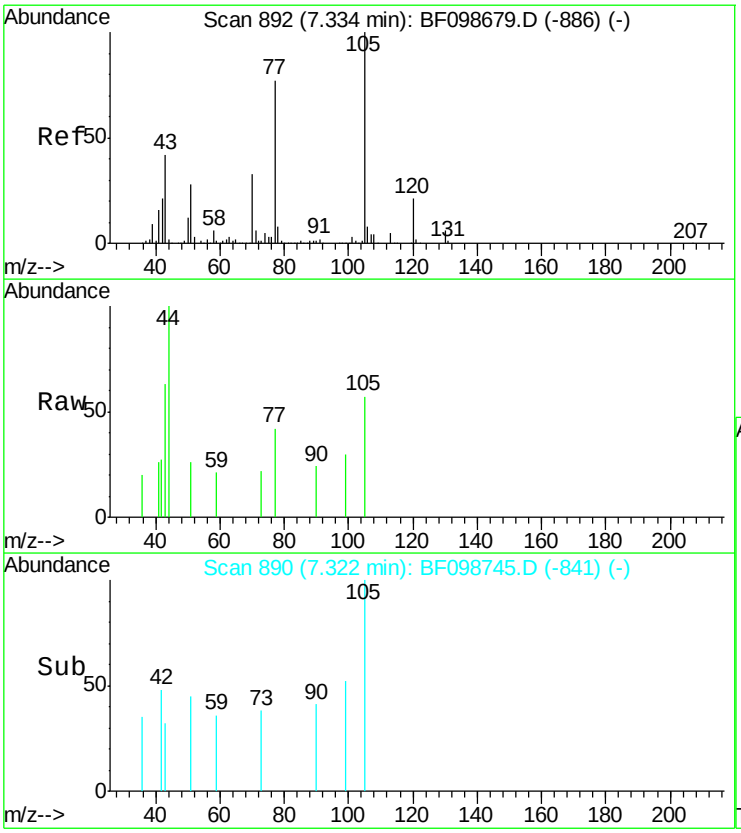
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 727695

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4

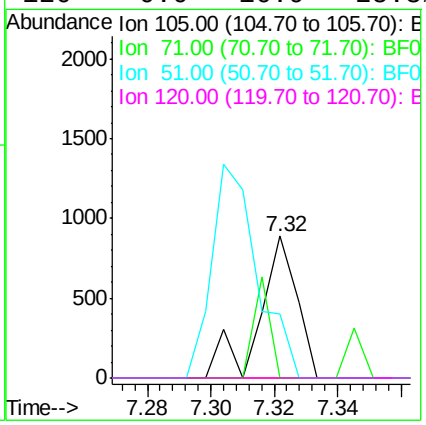


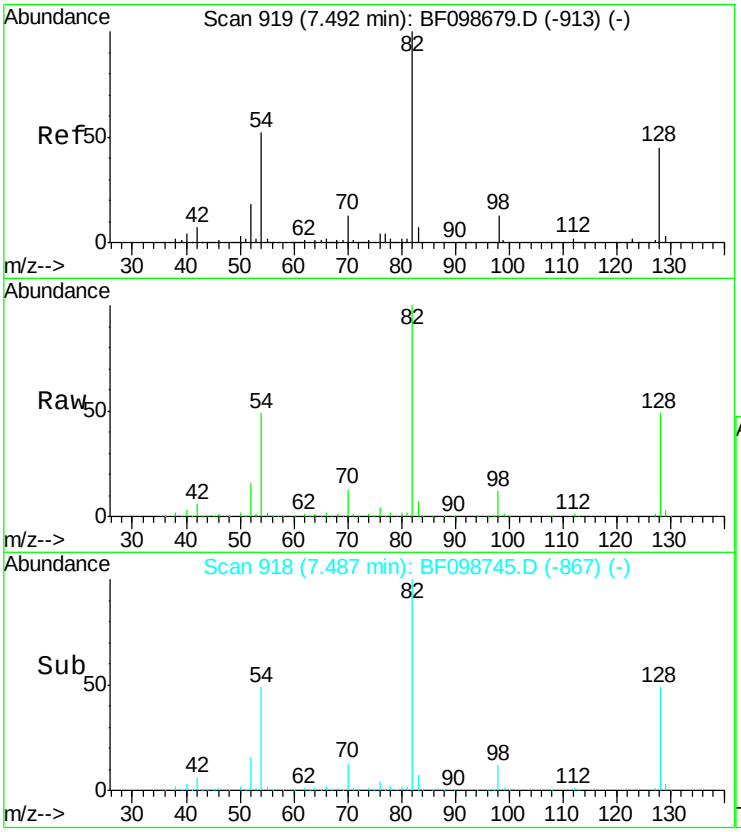


#22
Acetophenone
Concen: 0.04 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:105 Resp: 735

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	44.8	22.3	33.5#
120	0.0	16.9	25.3#



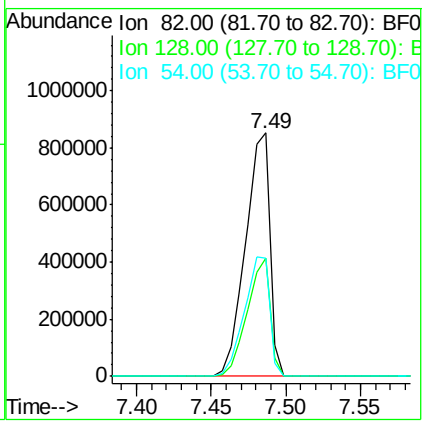


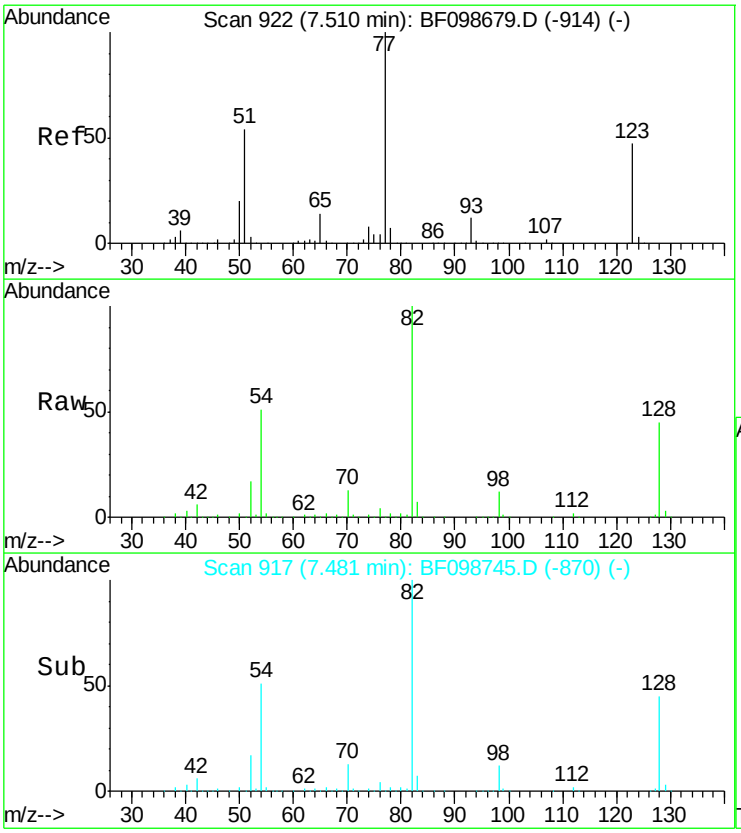
#23
Nitrobenzene-d5
Concen: 84.70 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 961156

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	48.6	41.4	62.2

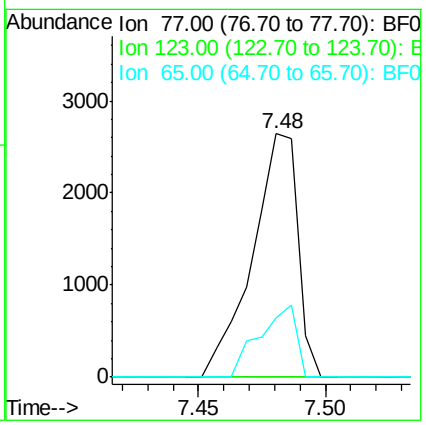


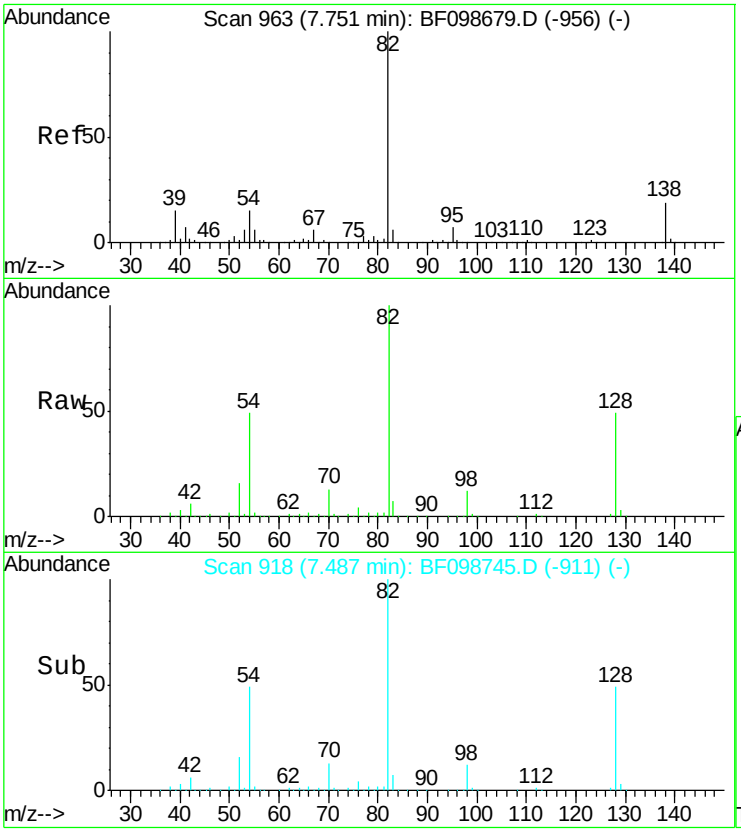


#24
Nitrobenzene
Concen: 0.26 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 77 Resp: 3319

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	24.5	11.0	16.4#



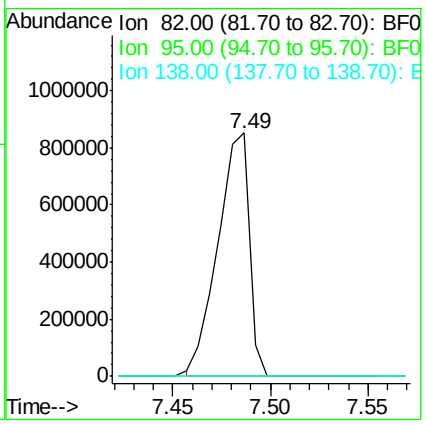


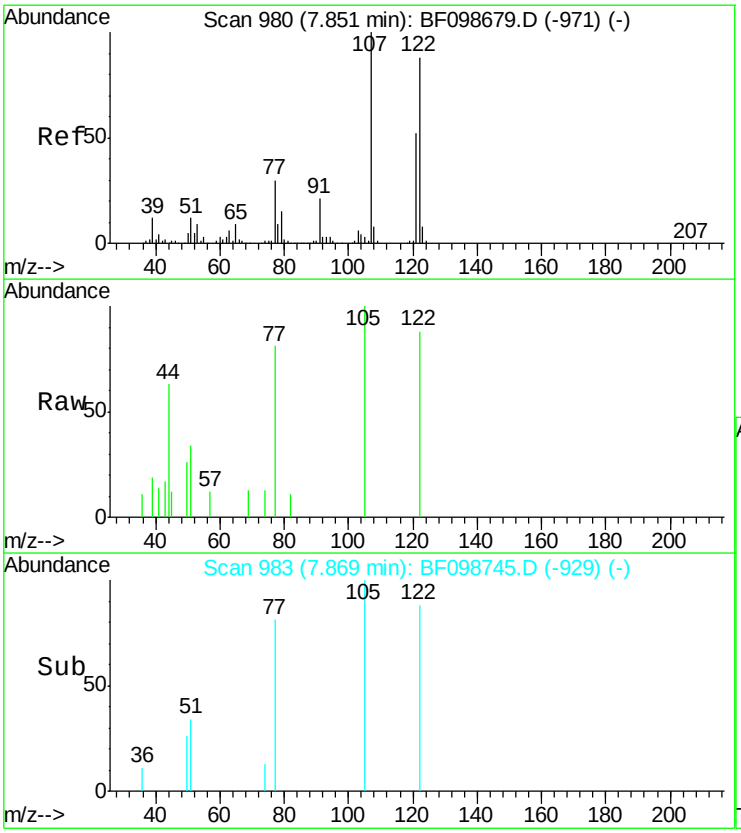
#25
Isophorone
Concen: 40.67 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 954149

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

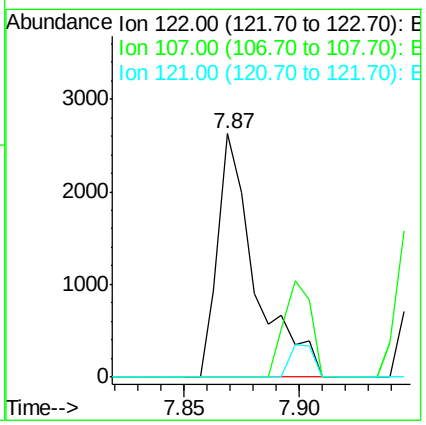


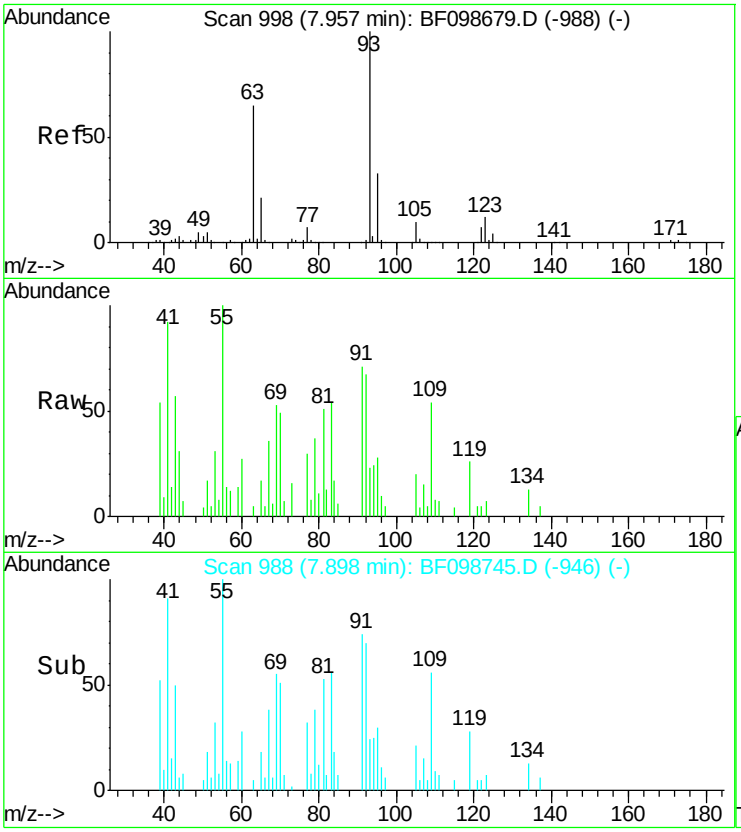


#27
2,4-Dimethylphenol
Concen: 0.25 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:122 Resp: 2976

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



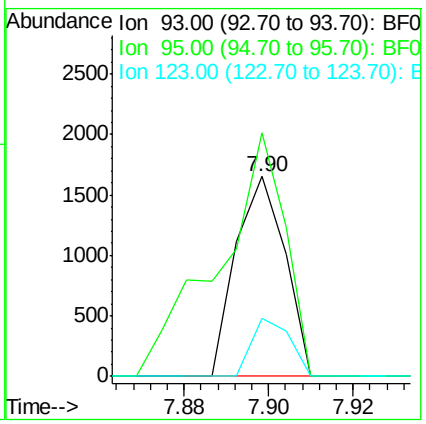


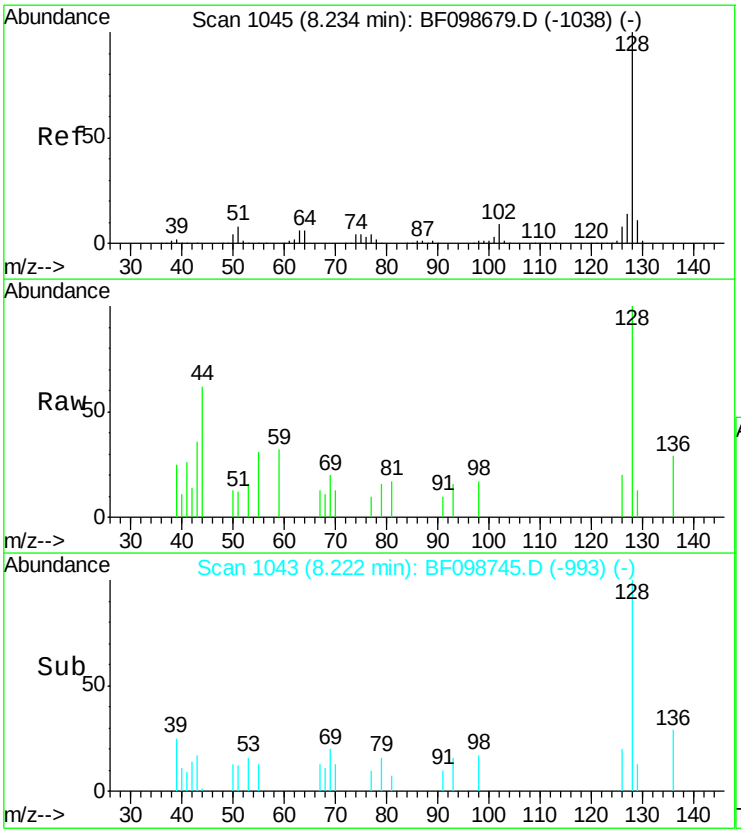
#28
bis(2-Chloroethoxy)methane
Concen: 0.09 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1333

Ion	Ratio	Lower	Upper
93	100		
95	121.7	26.3	39.5#
123	29.1	9.8	14.6#

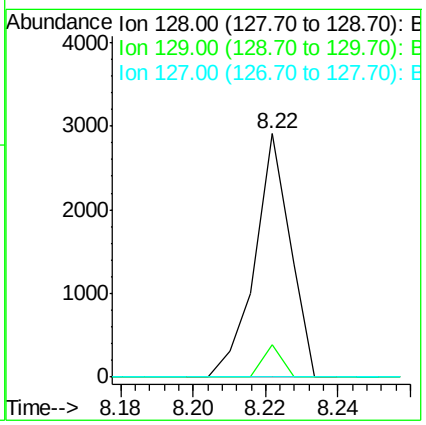


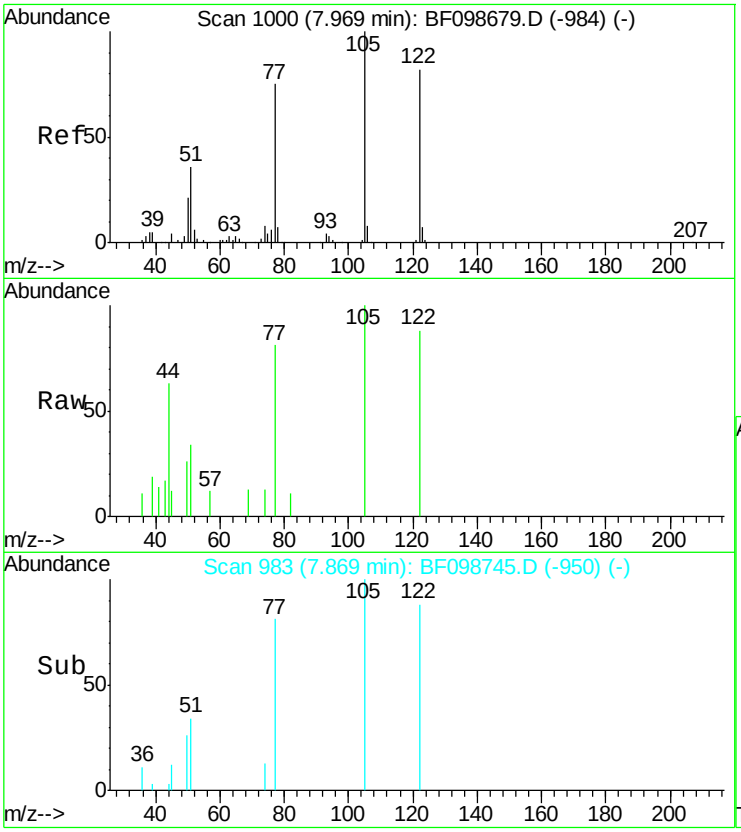


#31
Naphthalene
Concen: 0.06 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:128 Resp: 1969

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	0.0	10.9	16.3#



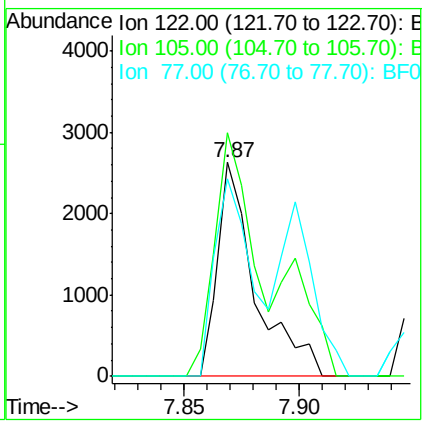


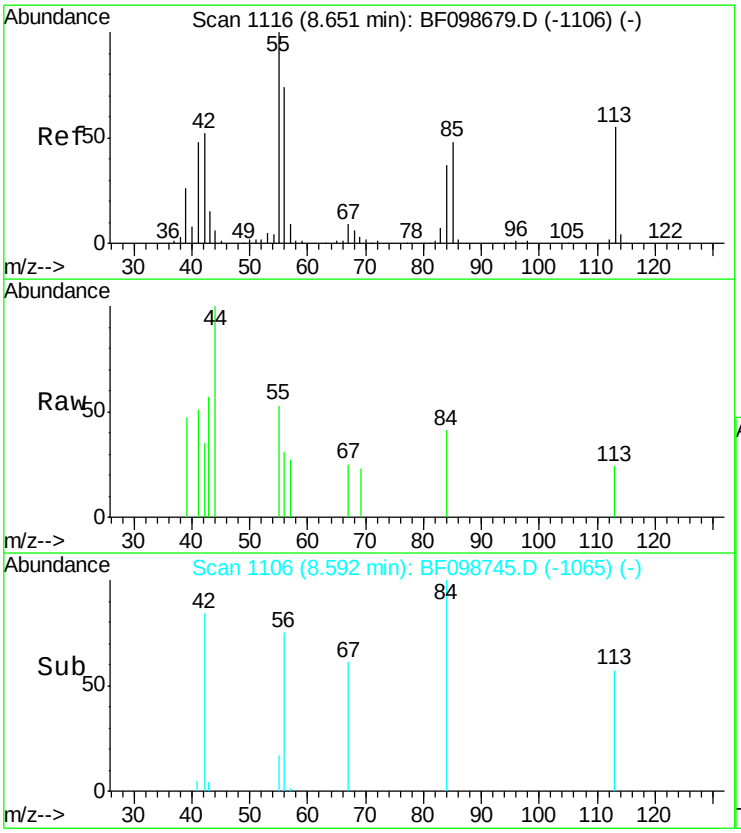
#32
Benzoic acid
Concen: 0.31 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.11 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2976

Ion	Ratio	Lower	Upper
122	100		
105	114.0	101.1	141.1
77	92.3	70.7	110.7

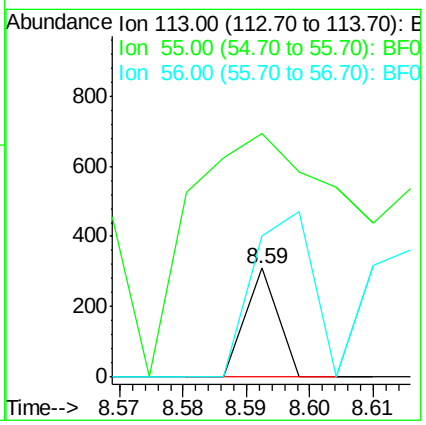


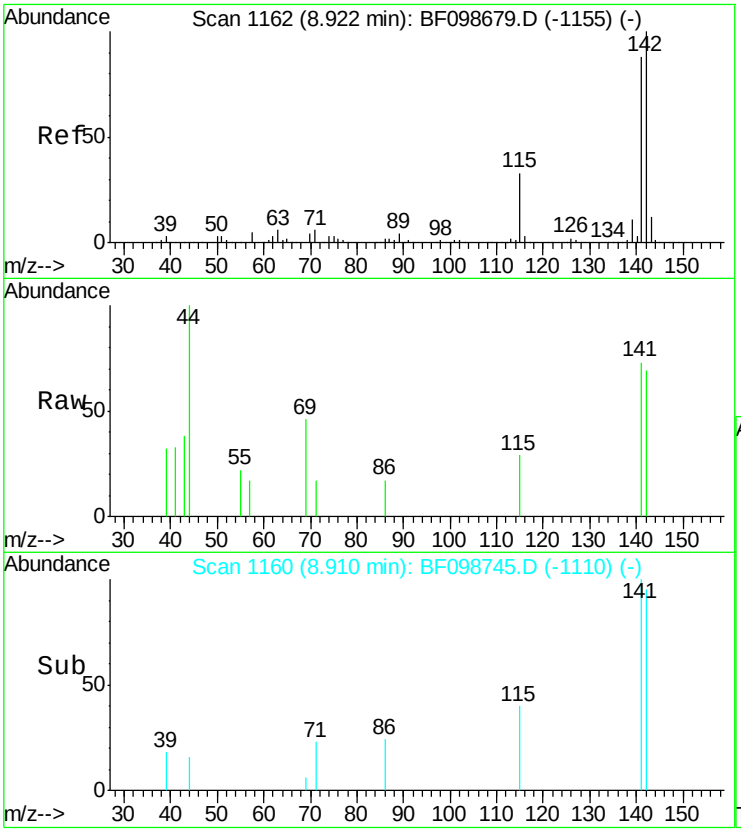


#35
Caprolactam
Concen: 0.03 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.06 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:113 Resp: 109

Ion	Ratio	Lower	Upper
113	100		
55	224.3	163.3	203.3#
56	130.1	115.7	155.7



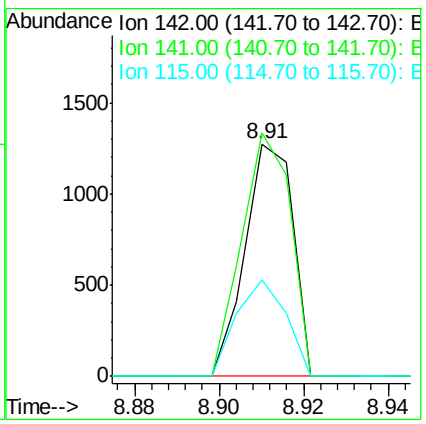


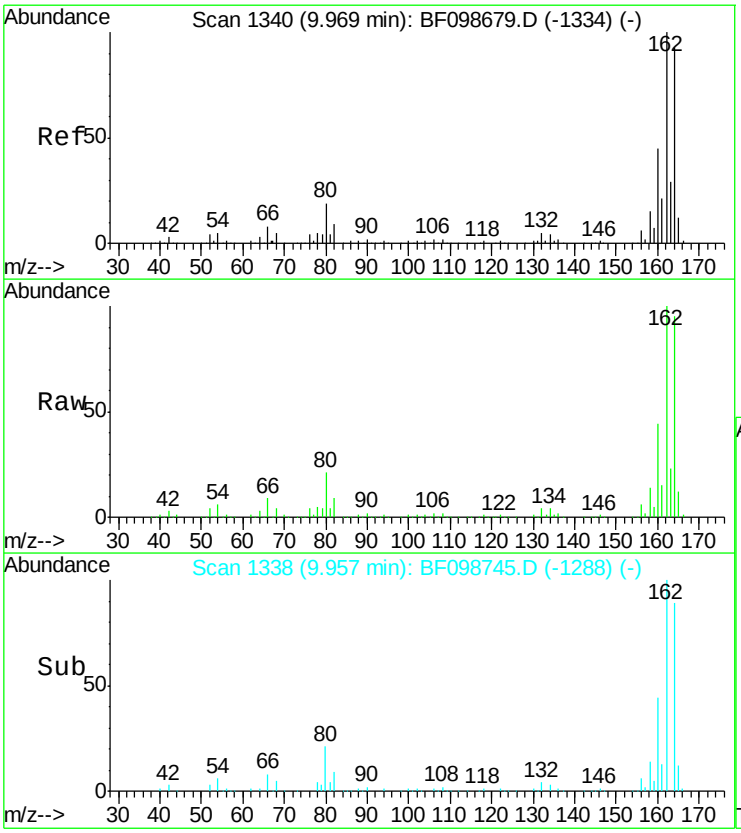
#37
2-Methylnaphthalene
Concen: 0.05 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1007

Ion	Ratio	Lower	Upper
142	100		
141	104.9	70.8	106.2
115	41.5	26.1	39.1#

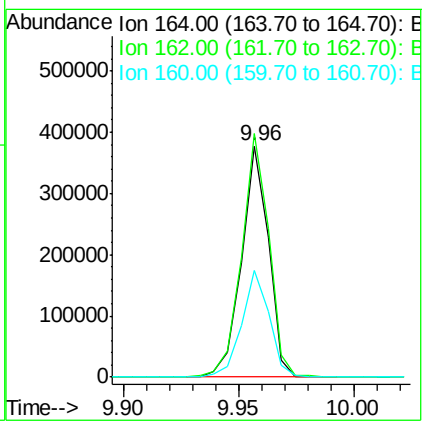


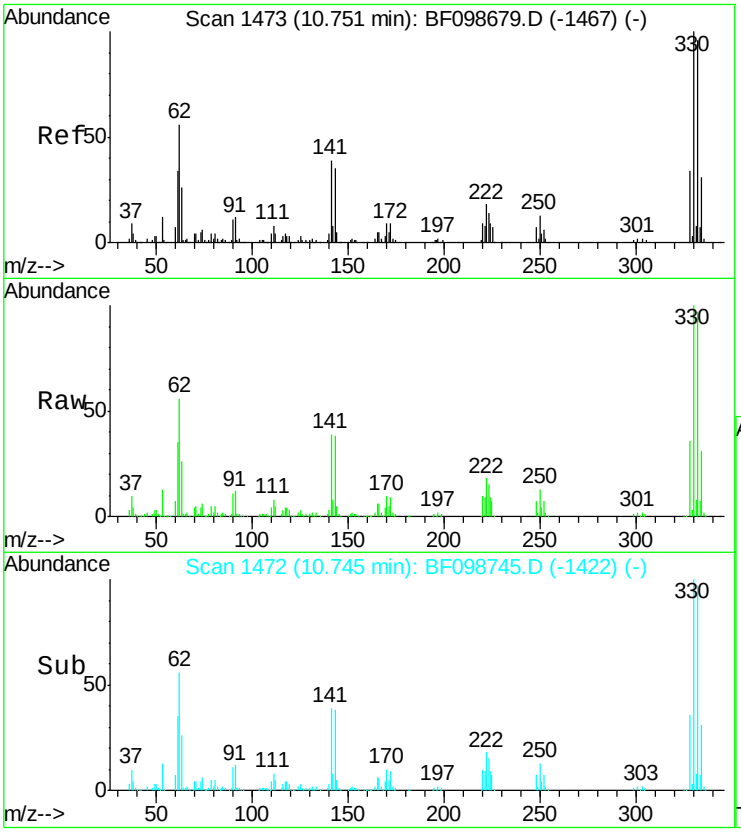


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:164 Resp: 307402

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.2	38.3	57.5



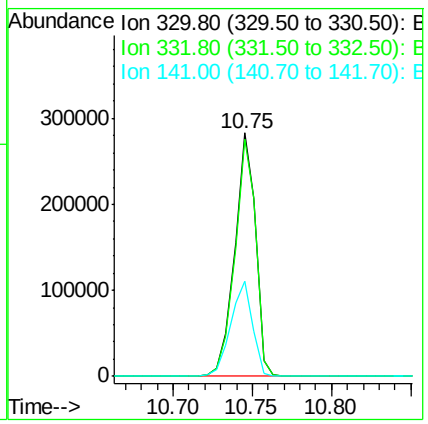


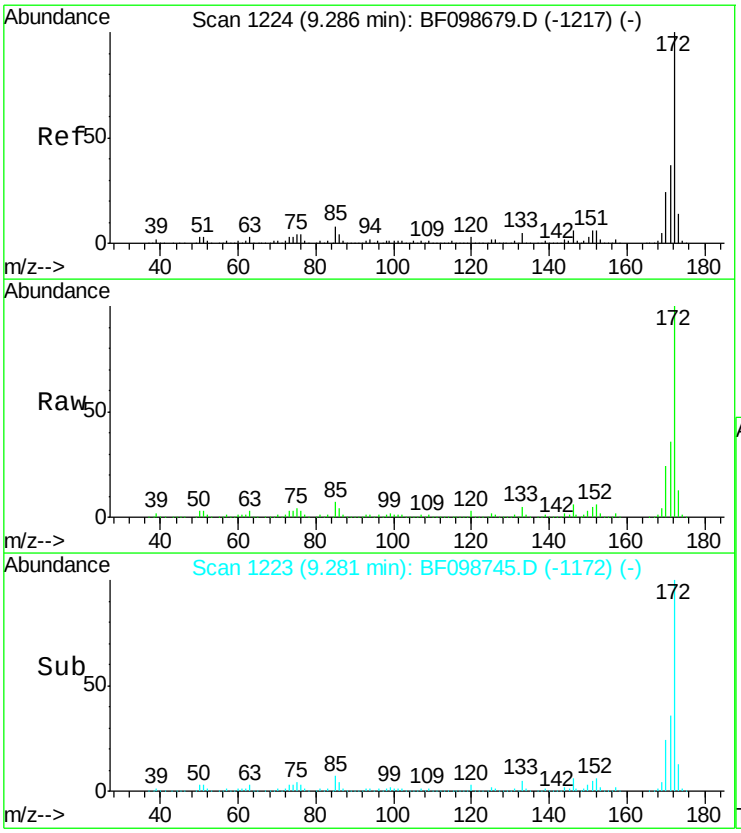
#41
2,4,6-Tribromophenol
Concen: 102.46 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 257730

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	41.0	29.9	44.9

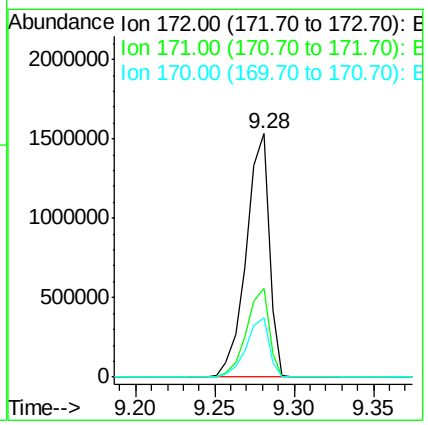


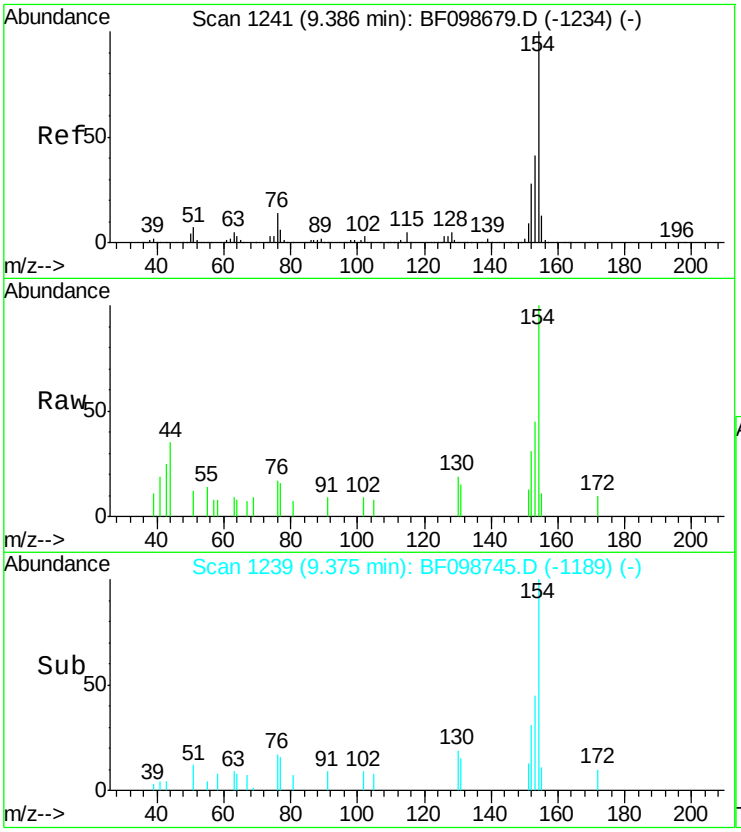


#44
2-Fluorobiphenyl
Concen: 83.54 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:172 Resp: 1538335

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



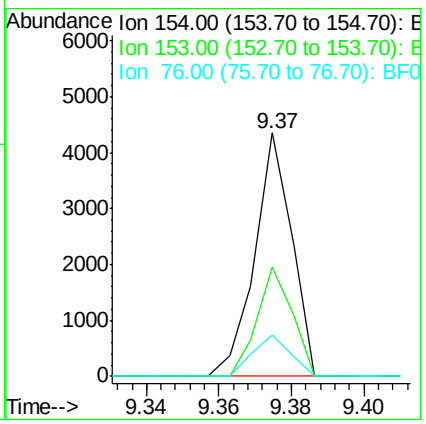


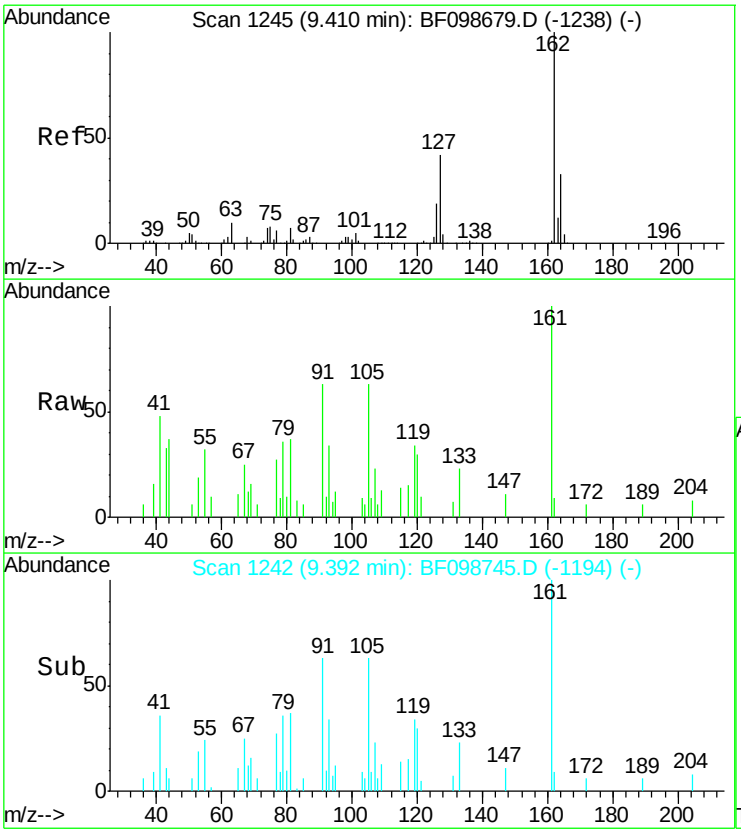
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 3067

Ion	Ratio	Lower	Upper
154	100		
153	45.1	21.3	61.3
76	16.8	0.0	34.0

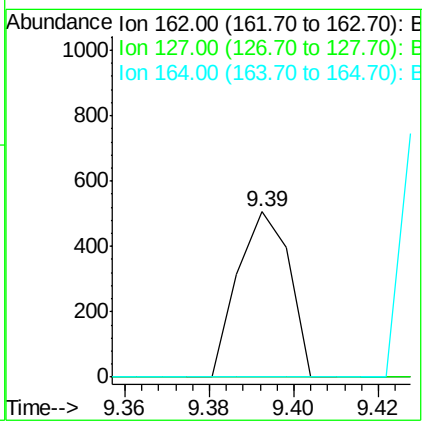


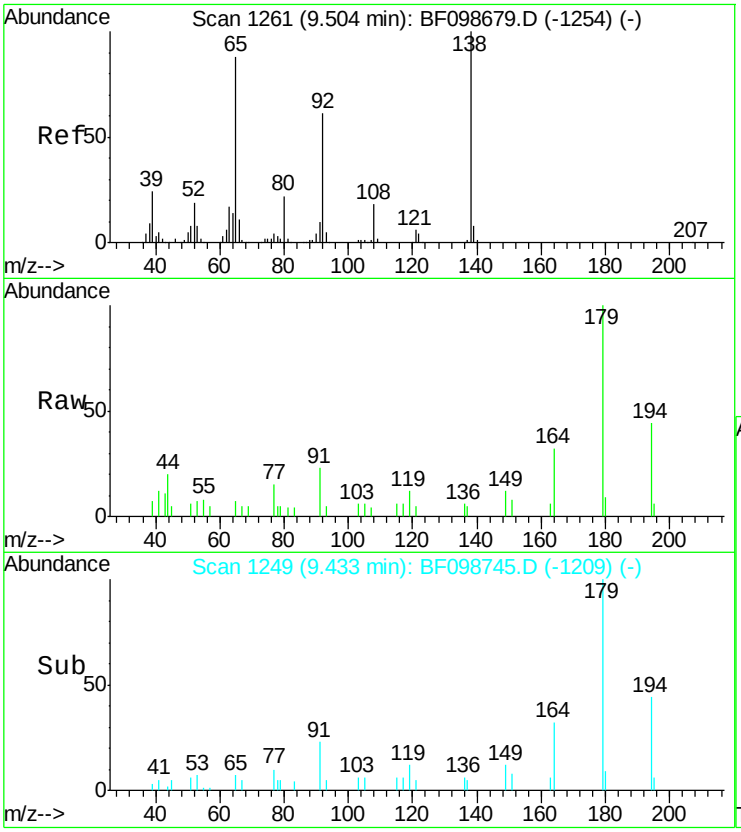


#46
2-Chloronaphthalene
Concen: 0.02 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:162 Resp: 430

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	0.0	26.5	39.7#



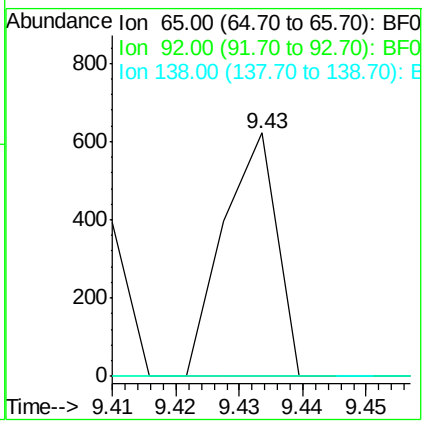


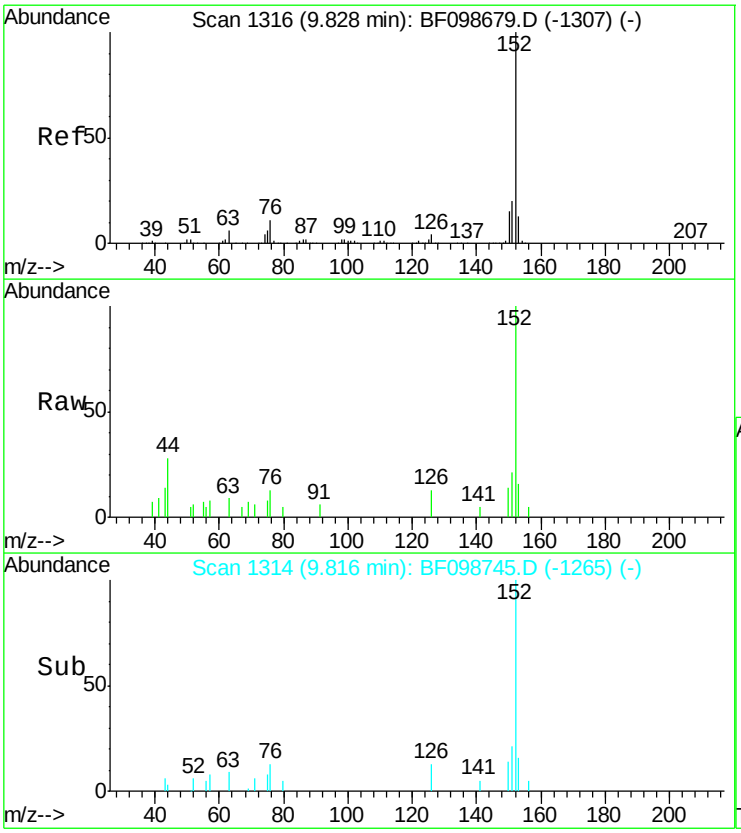
#47
2-Nitroaniline
Concen: 0.06 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.06 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 360

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

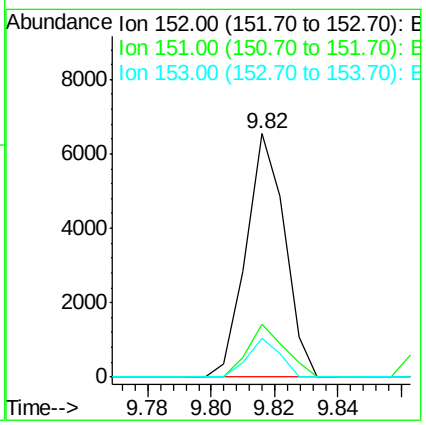


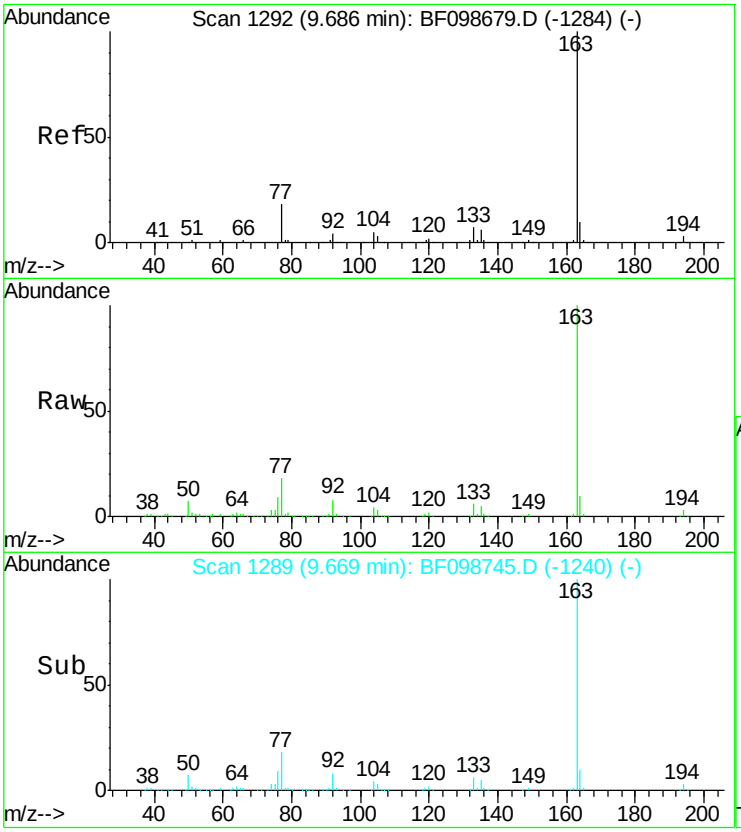


#48
Acenaphthylene
Concen: 0.18 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:152 Resp: 5532

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	15.8	10.7	16.1



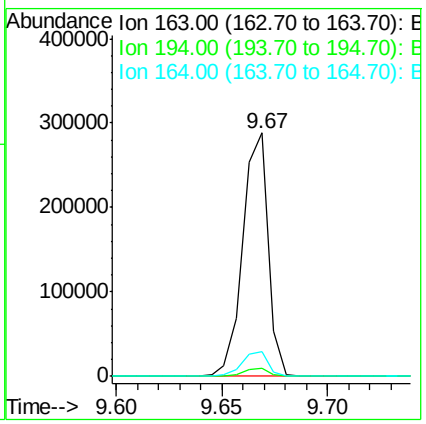


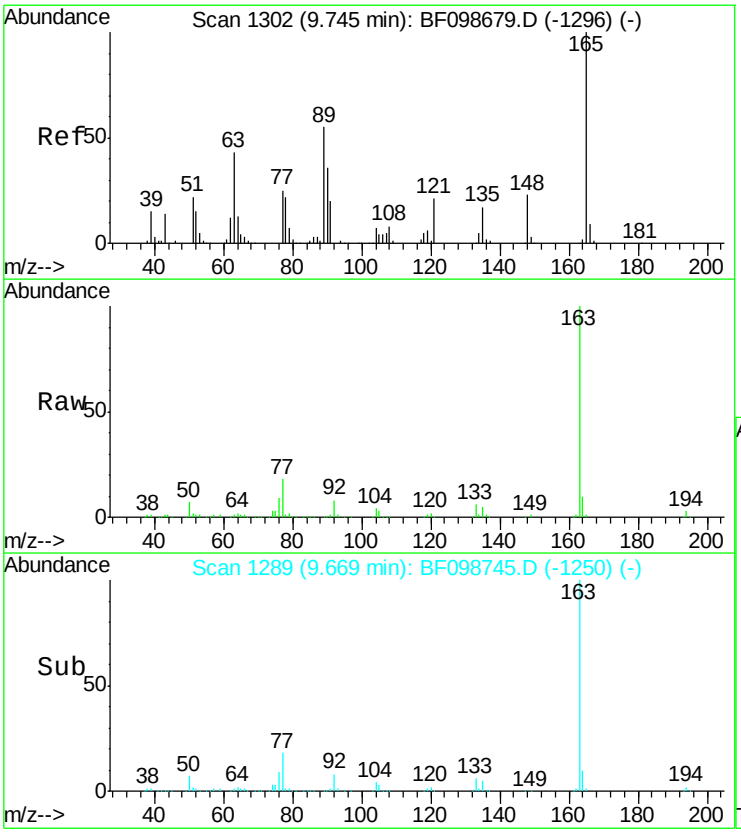
#49
Dimethylphthalate
Concen: 10.37 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 240605

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

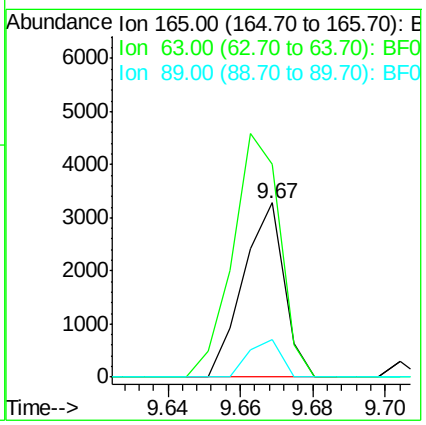


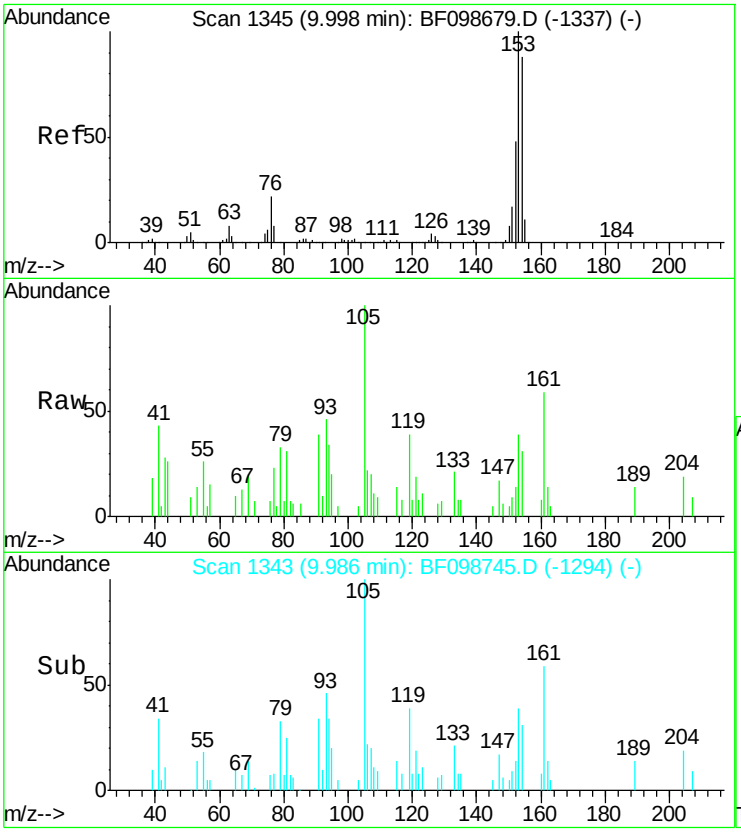


#50
2,6-Dinitrotoluene
Concen: 0.51 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:165 Resp: 2568

Ion	Ratio	Lower	Upper
165	100		
63	122.1	44.7	67.1#
89	21.2	44.0	66.0#



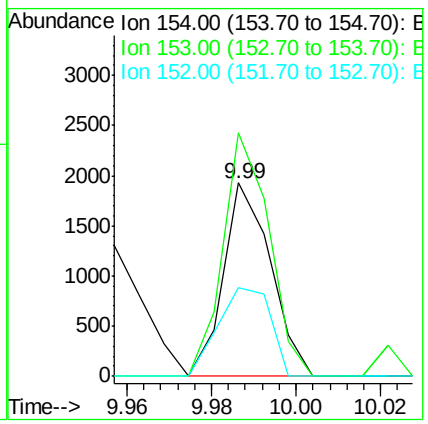


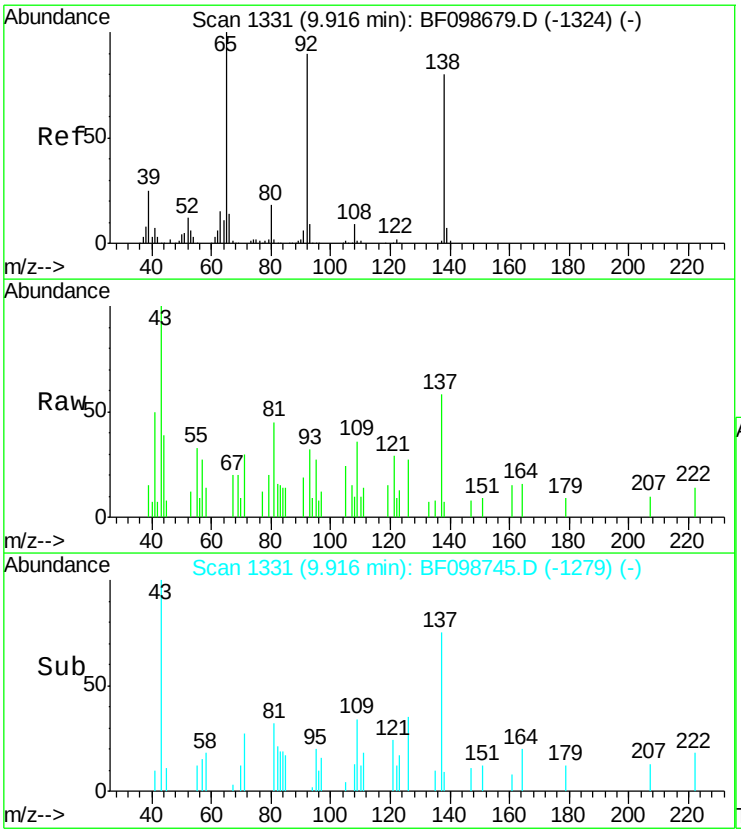
#51
Acenaphthene
Concen: 0.08 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1491

Ion	Ratio	Lower	Upper
154	100		
153	125.8	91.2	136.8
152	45.9	43.8	65.8

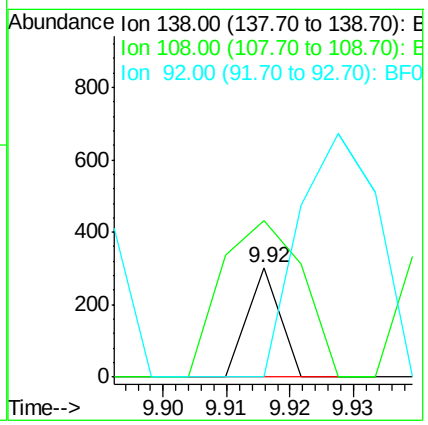


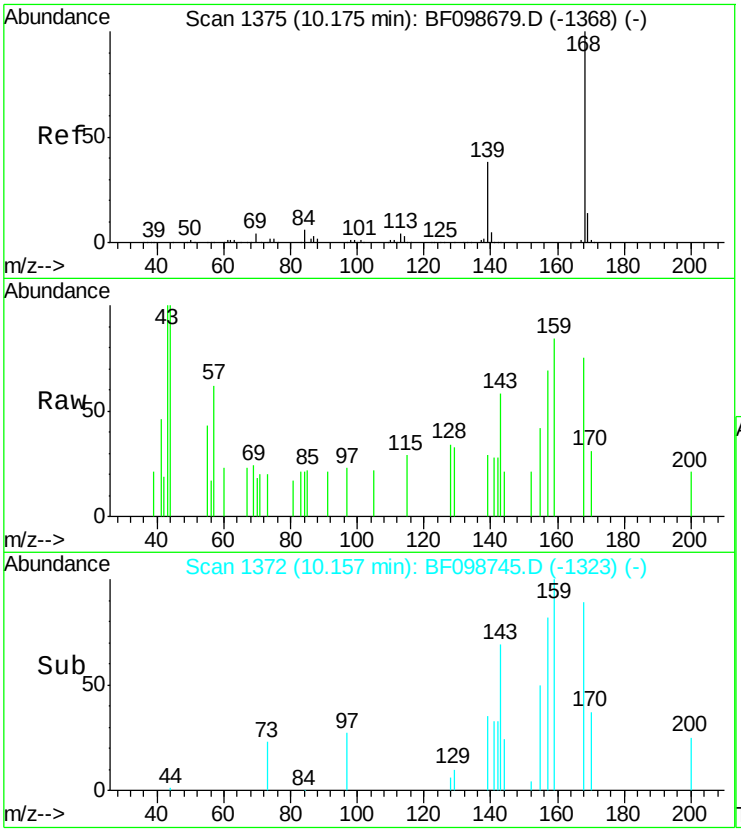


#52
3-Nitroaniline
Concen: 0.02 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:138 Resp: 107

Ion	Ratio	Lower	Upper
138	100		
108	143.2	9.4	14.0#
92	0.0	89.4	134.2#



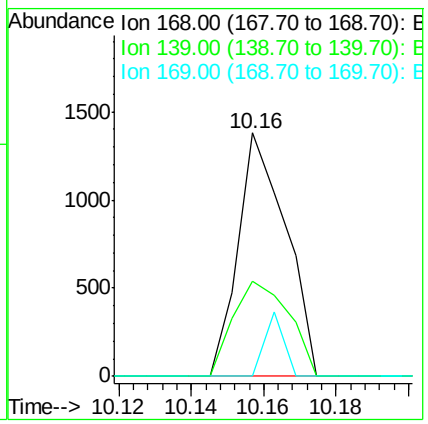


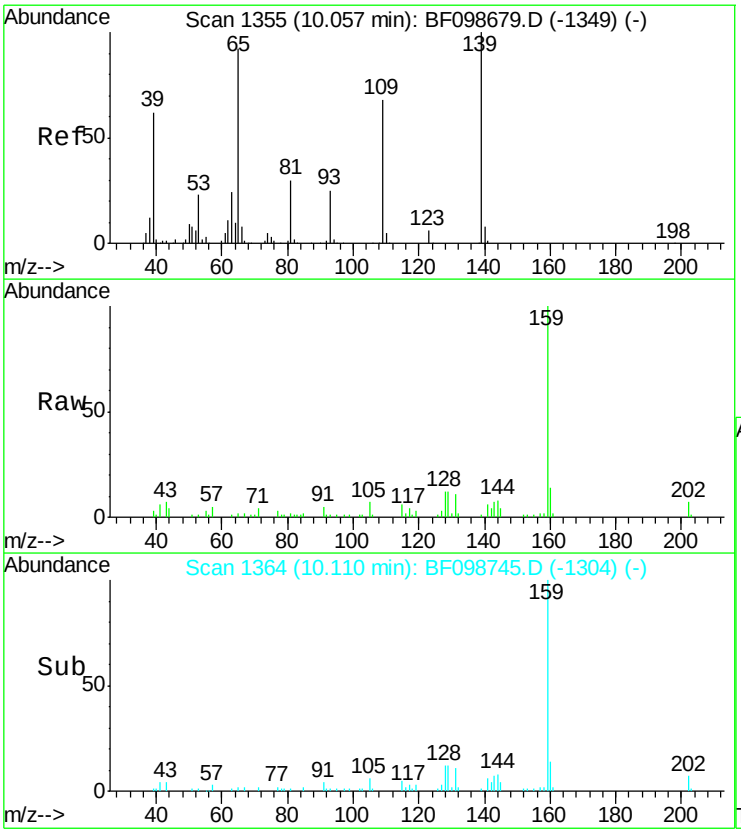
#54
Dibenzofuran
Concen: 0.05 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1265

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	0.0	10.9	16.3#

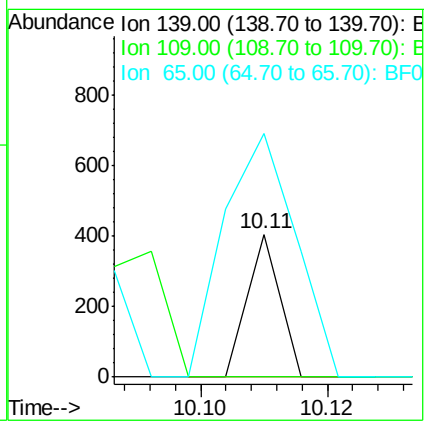


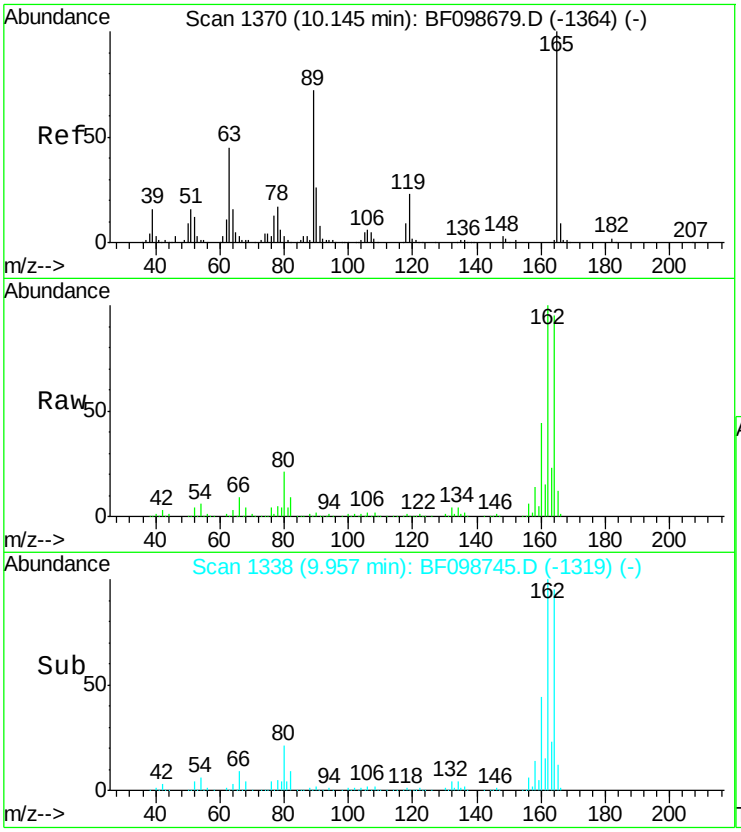


#55
4-Nitrophenol
Concen: 0.03 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:139 Resp: 143

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	170.4	72.6	112.6#



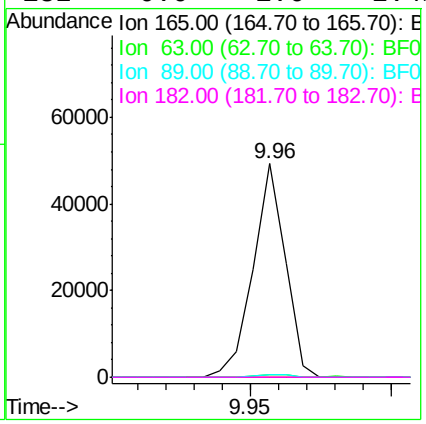


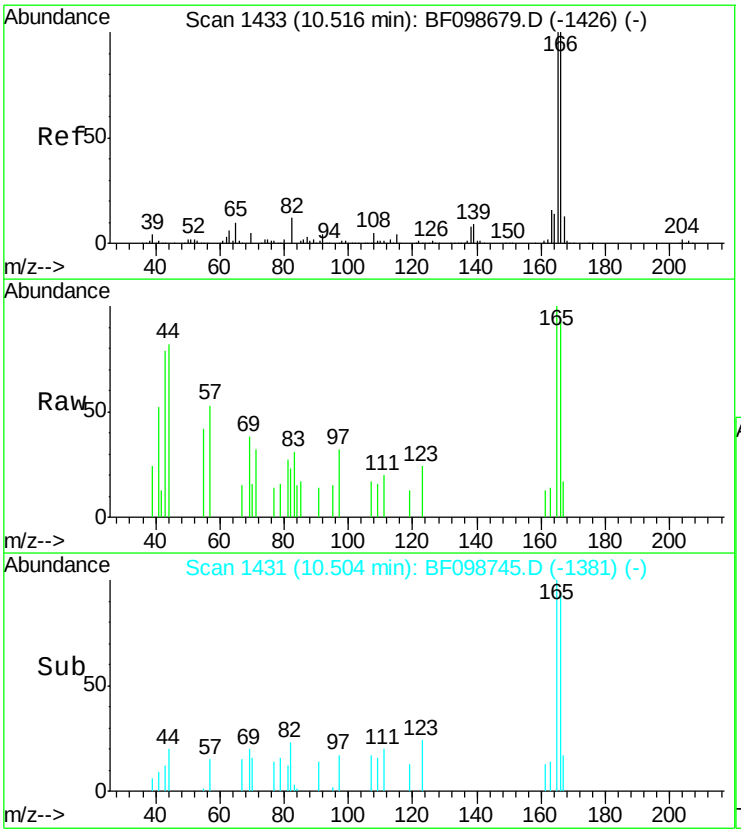
#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39062

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

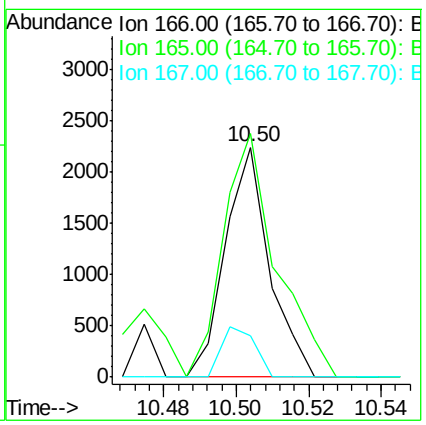


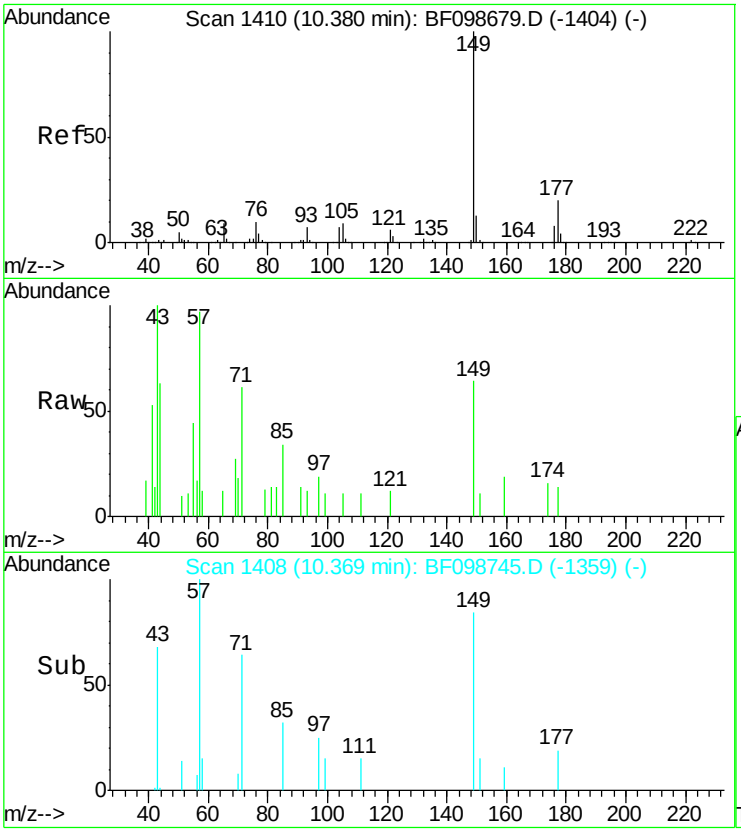


#57
Fluorene
Concen: 0.09 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:166 Resp: 1909

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.8	119.8
167	18.1	10.6	16.0#



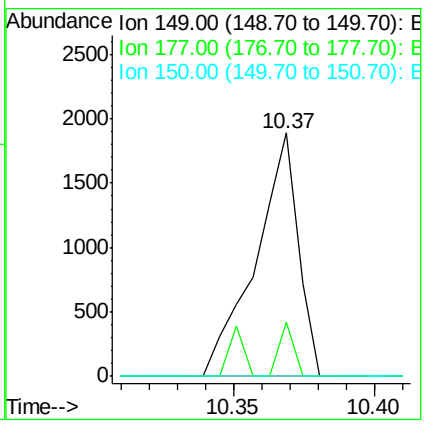


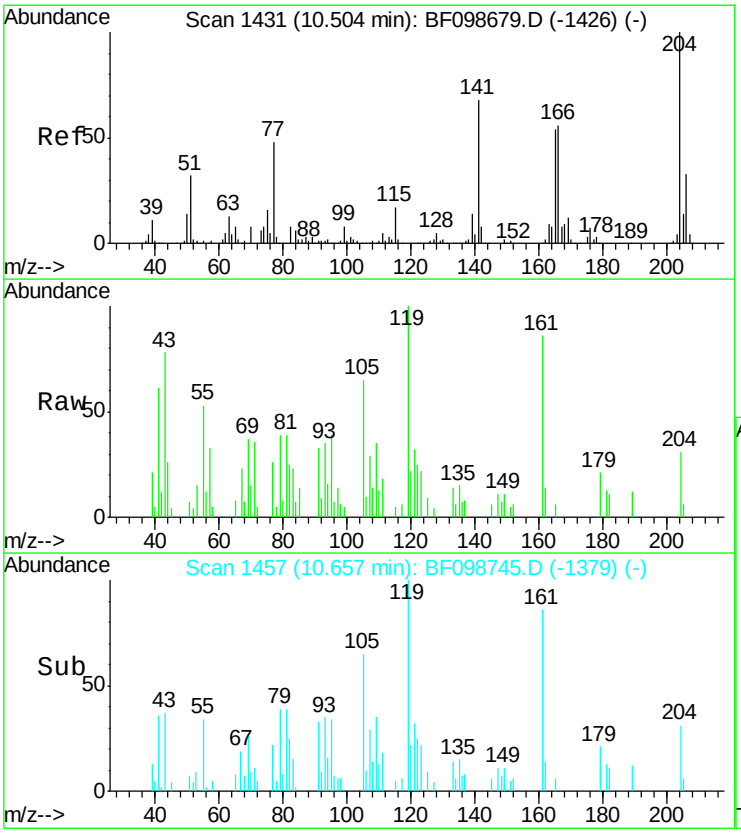
#59
Diethylphthalate
Concen: 0.09 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1975

Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	0.0	10.1	15.1#

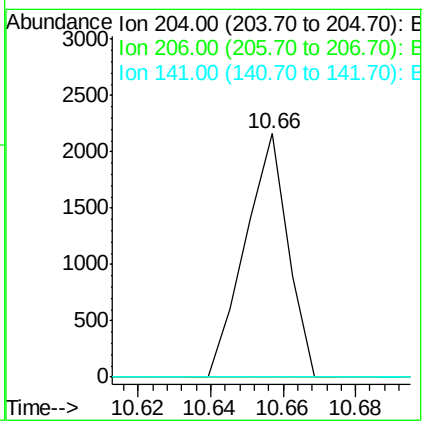


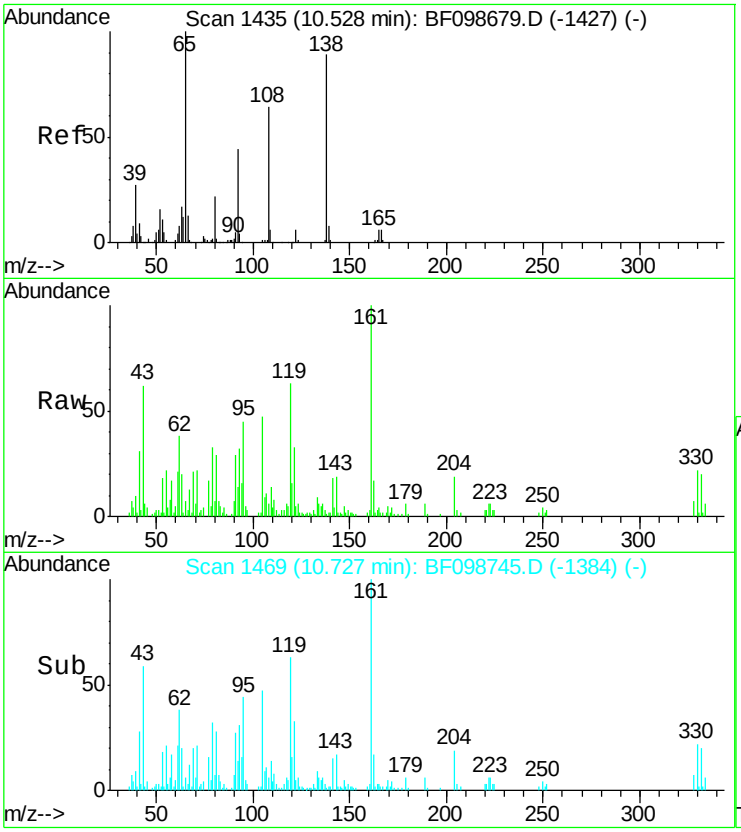


#60
4-Chlorophenyl-phenylether
Concen: 0.19 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.16 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:204 Resp: 1791

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



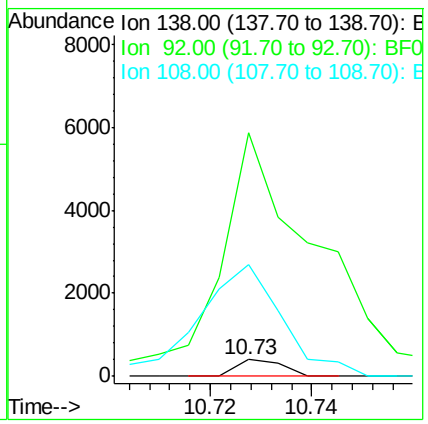


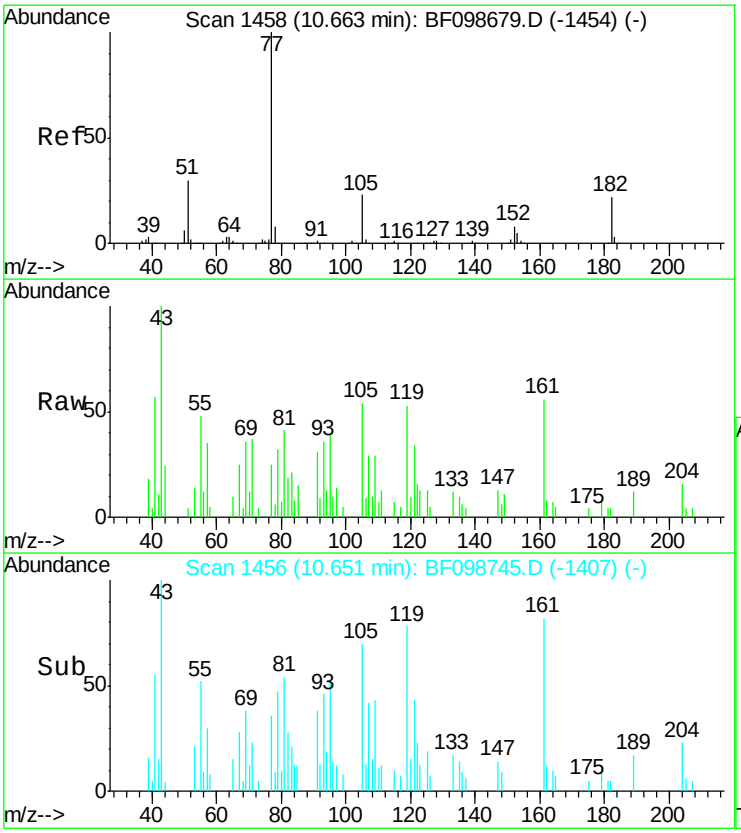
#61
4-Nitroaniline
Concen: 0.05 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.20 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 259

Ion	Ratio	Lower	Upper
138	100		
92	1451.7	30.2	70.2#
108	667.8	52.5	92.5#

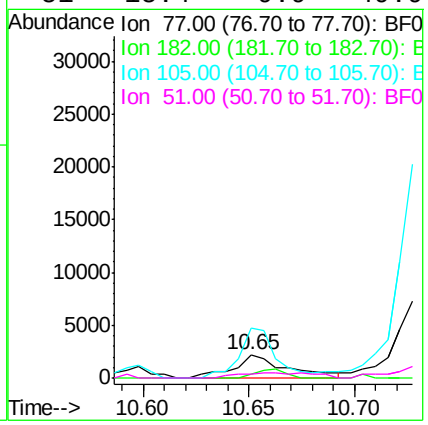


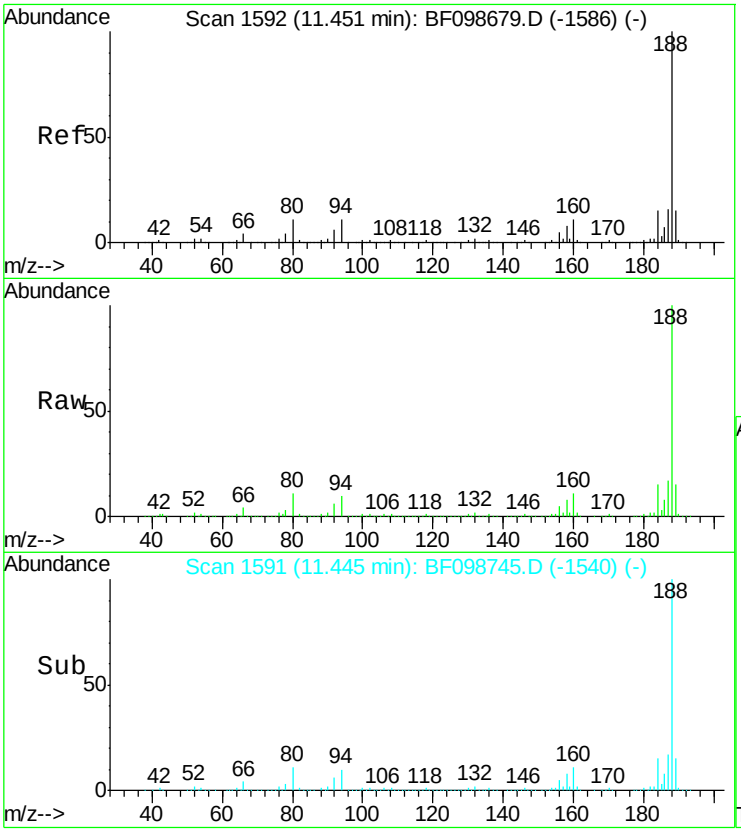


#62
Azobenzene
Concen: 0.18 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion: 77 Resp: 3841

Ion	Ratio	Lower	Upper
77	100		
182	14.2	1.7	41.7
105	214.2	3.0	43.0#
51	15.4	9.9	49.9



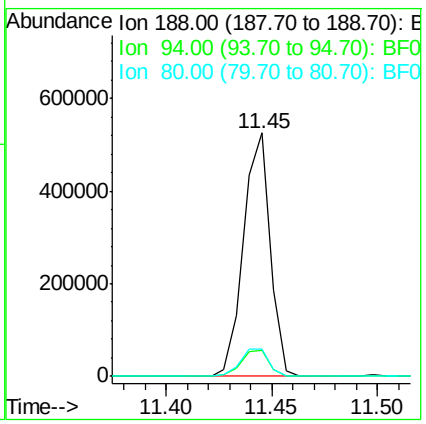


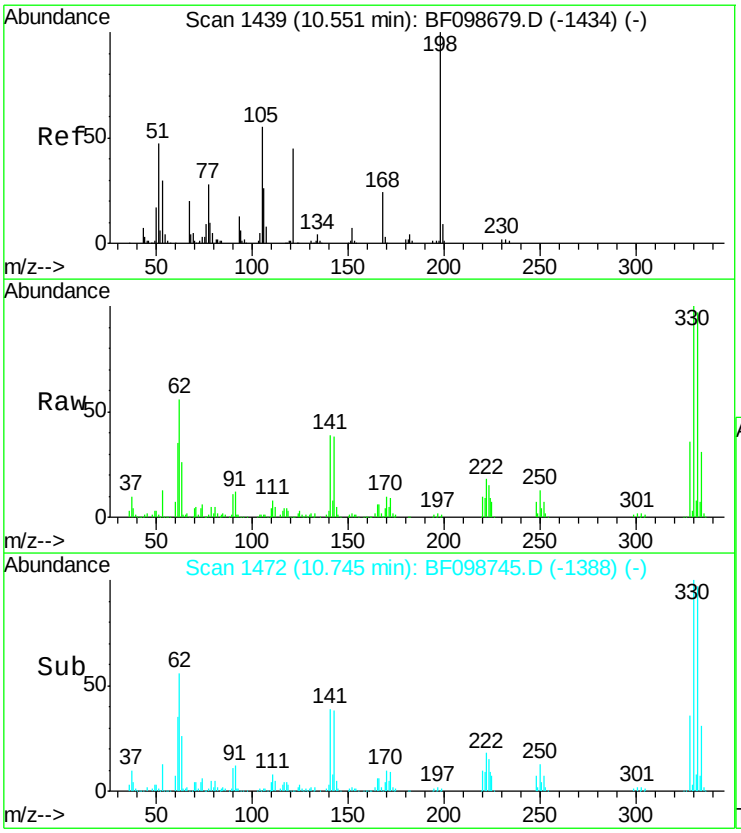
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 462625

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

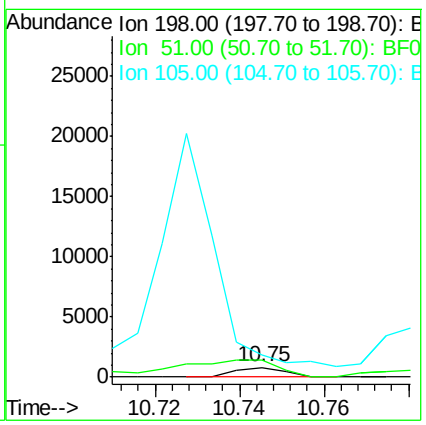


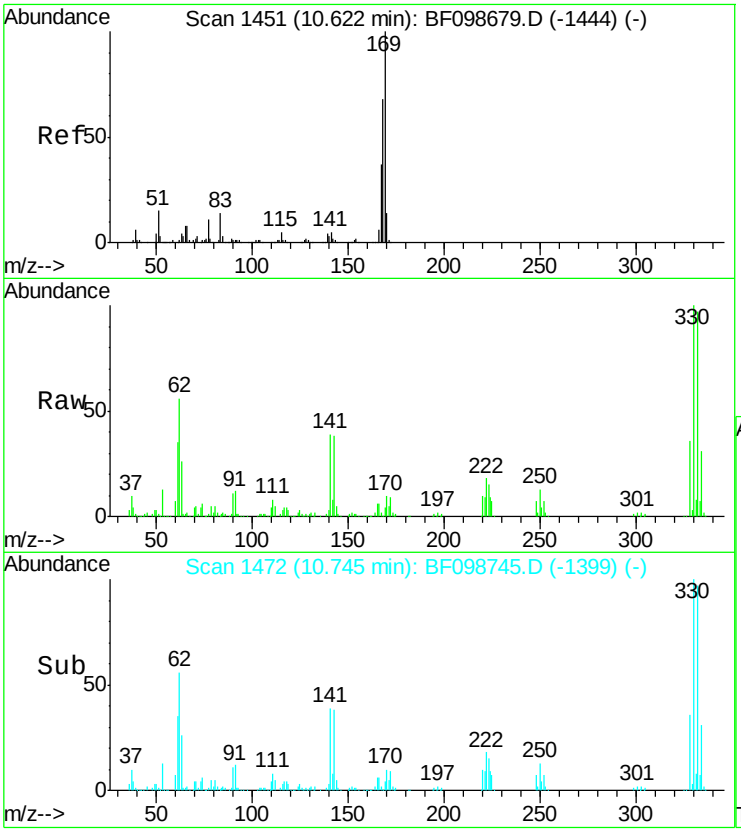


#64
4,6-Dinitro-2-methylphenol
Concen: 0.23 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.19 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:198 Resp: 640

Ion	Ratio	Lower	Upper
198	100		
51	185.3	37.7	77.7#
105	241.3	36.3	76.3#



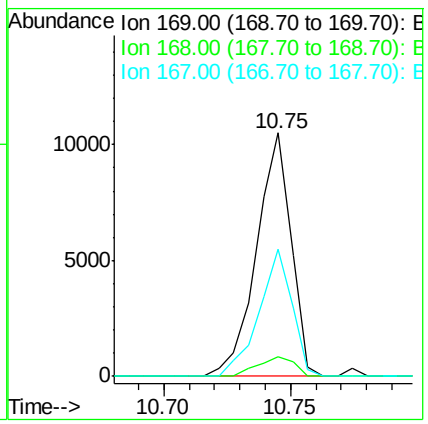


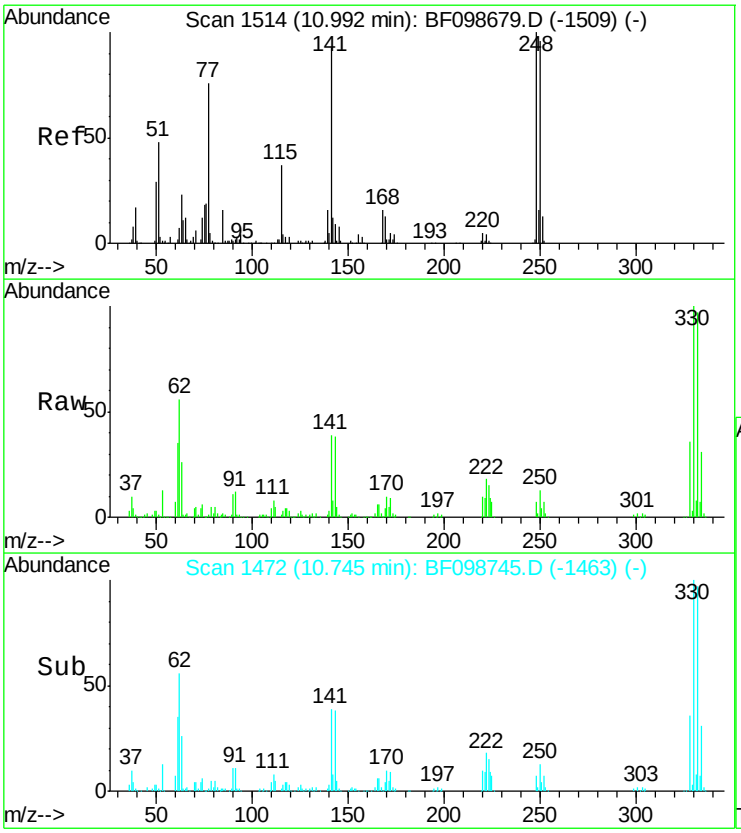
#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.13 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 10032

Ion	Ratio	Lower	Upper
169	100		
168	8.2	54.4	81.6#
167	52.4	29.8	44.6#

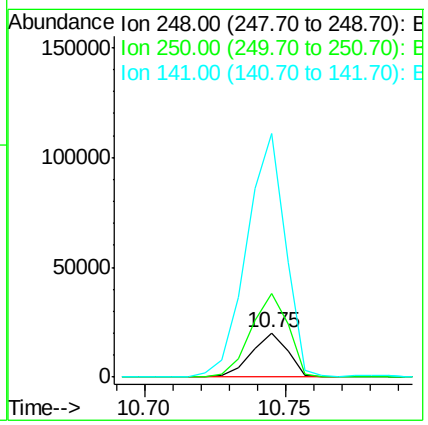


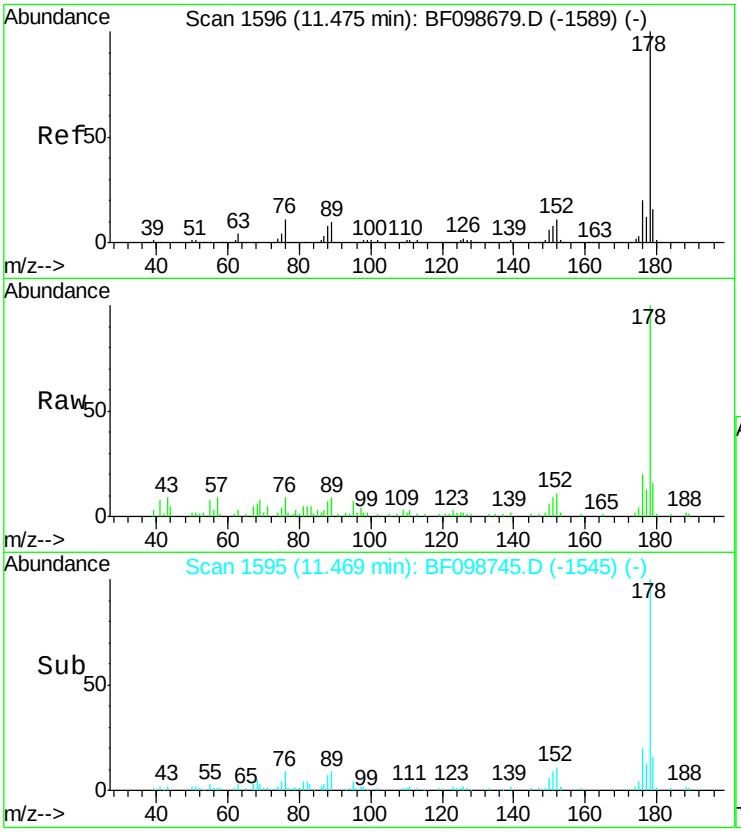


#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:248 Resp: 18120

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.9	115.3#
141	552.7	74.4	111.6#



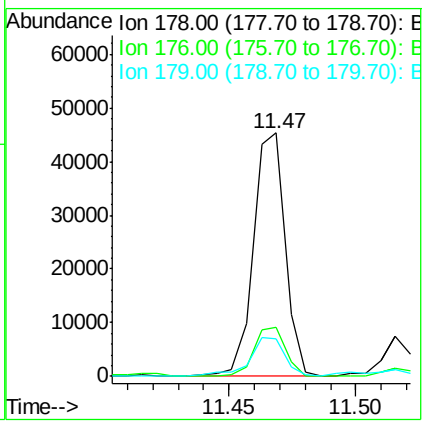


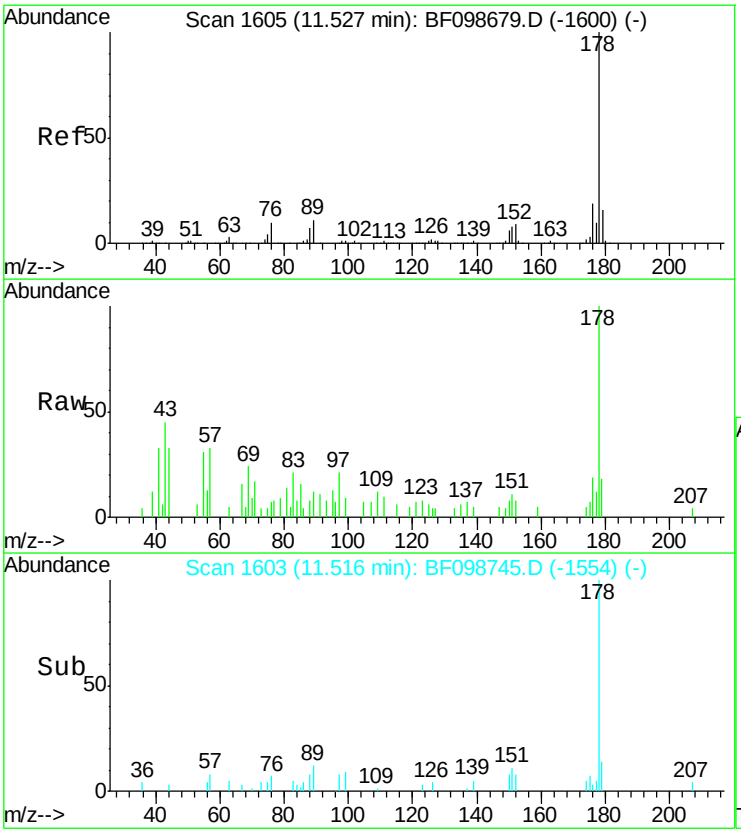
#70
Phenanthrene
Concen: 1.61 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 39861

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6

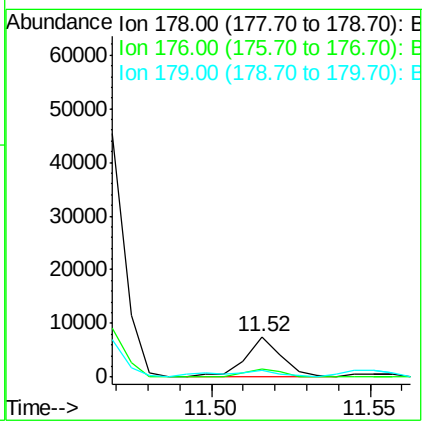


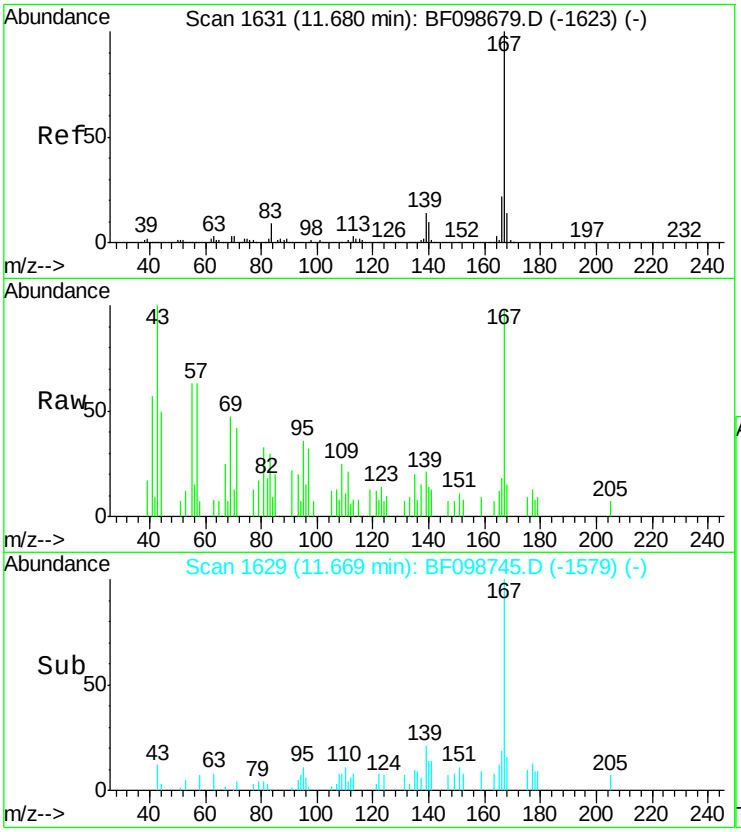


#71
Anthracene
Concen: 0.24 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:178 Resp: 6008

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	18.0	12.6	19.0



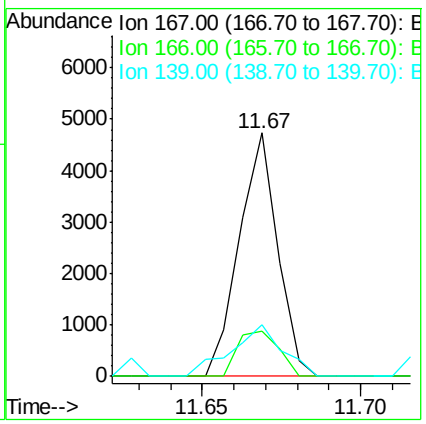


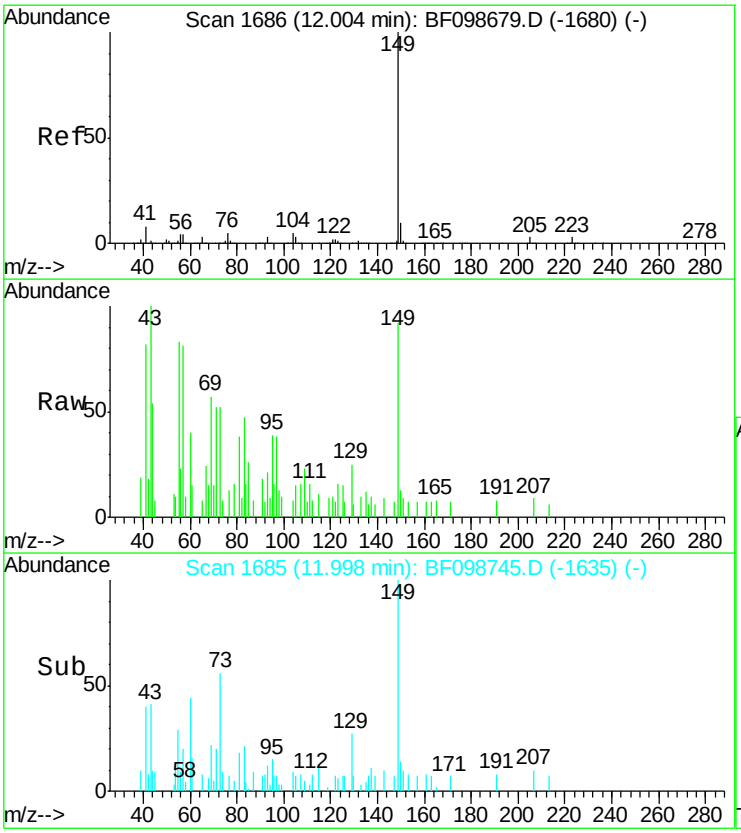
#72
Carbazole
Concen: 0.16 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 3965

Ion	Ratio	Lower	Upper
167	100		
166	18.7	17.6	26.4
139	21.0	10.9	16.3#

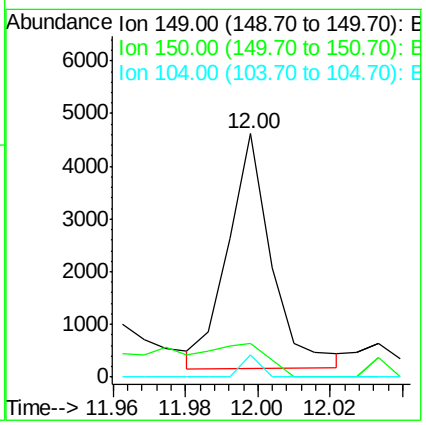


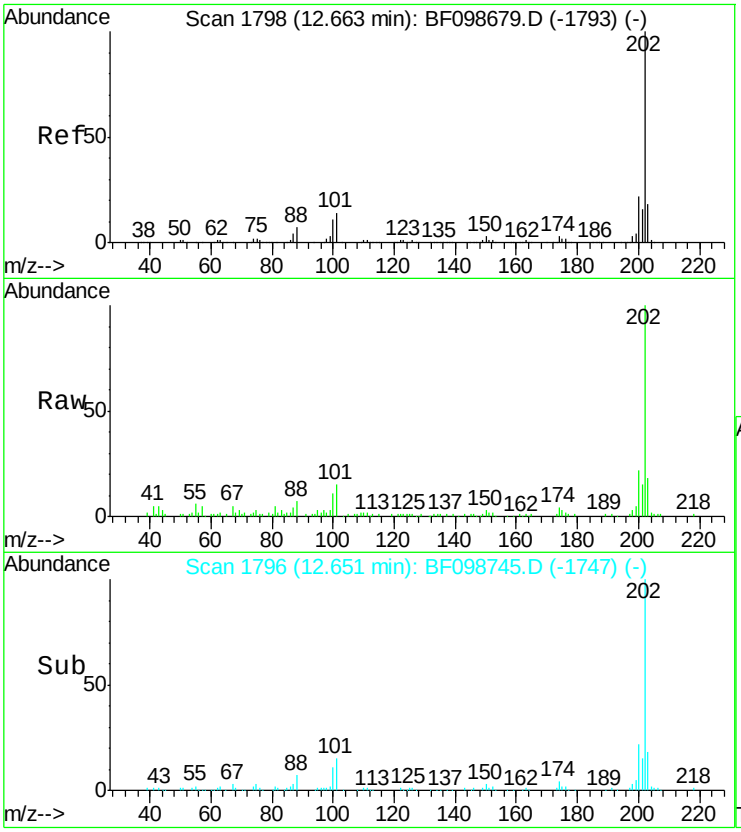


#73
Di-n-butylphthalate
Concen: 0.12 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:149 Resp: 3707

Ion	Ratio	Lower	Upper
149	100		
150	14.1	7.8	11.6#
104	8.9	3.8	5.8#



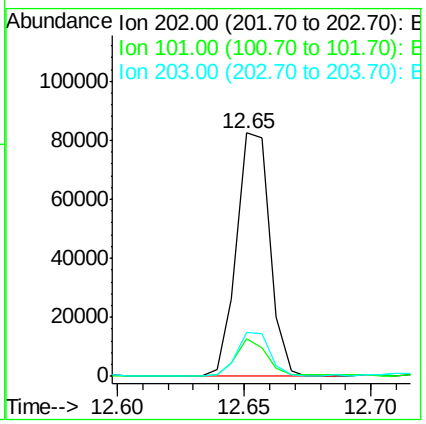


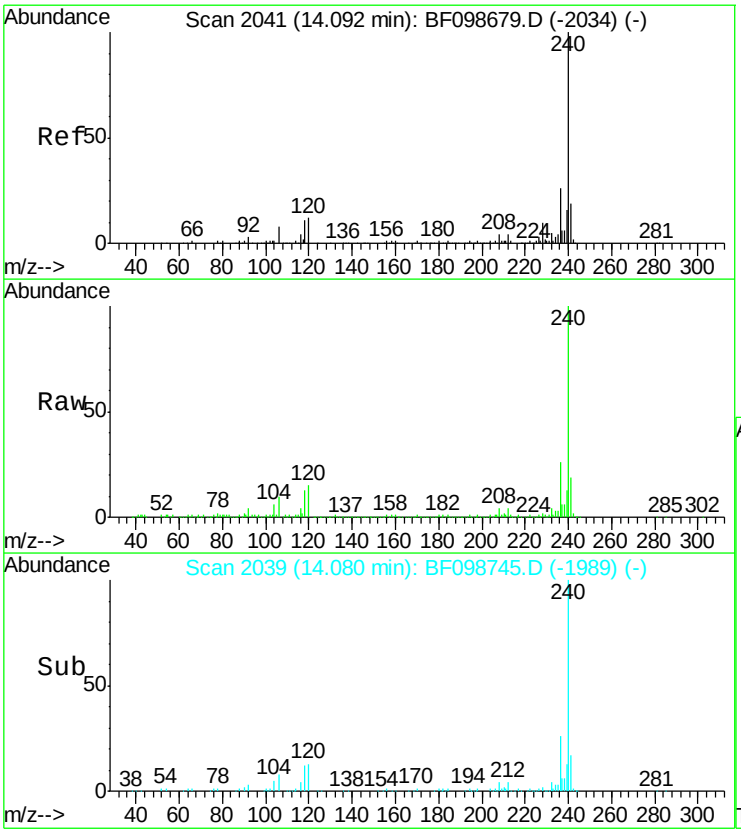
#74
Fluoranthene
Concen: 3.01 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75545

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	18.1	0.0	38.1

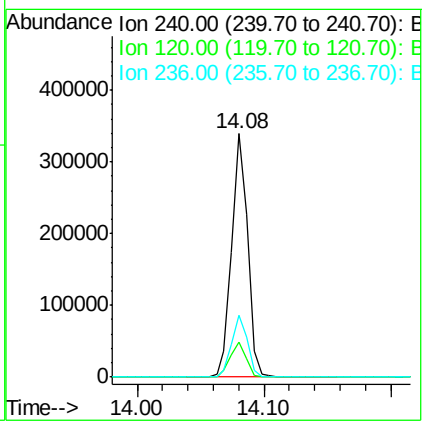


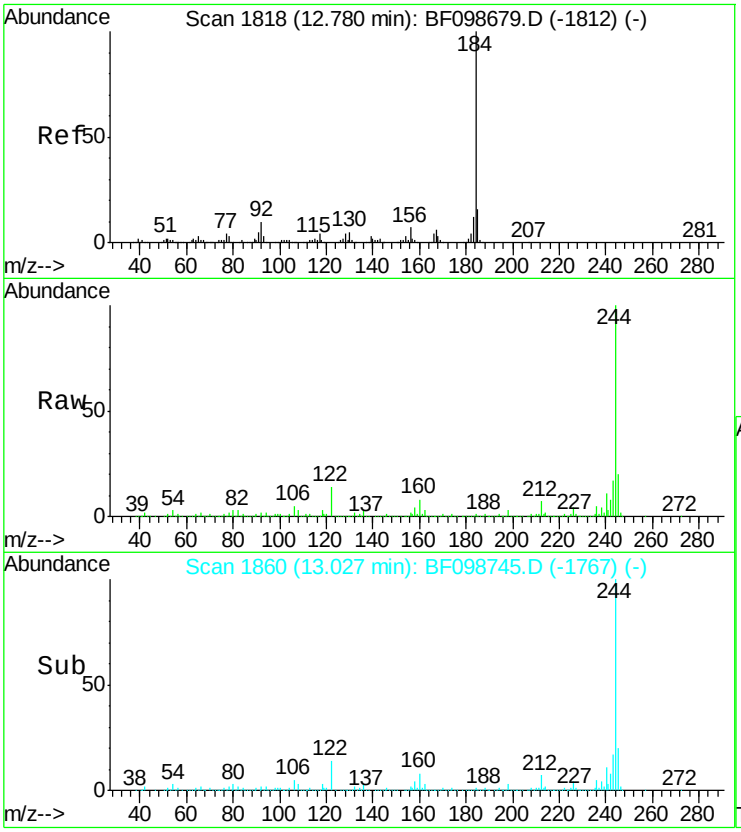


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:240 Resp: 292736

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.6	20.7	31.1



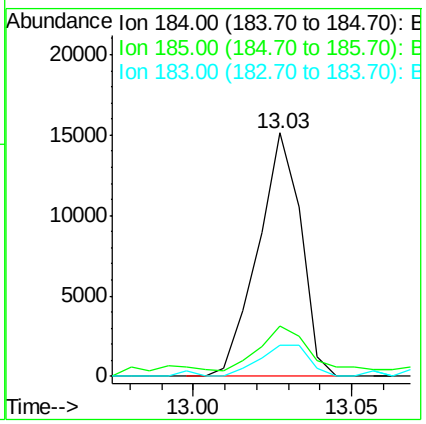


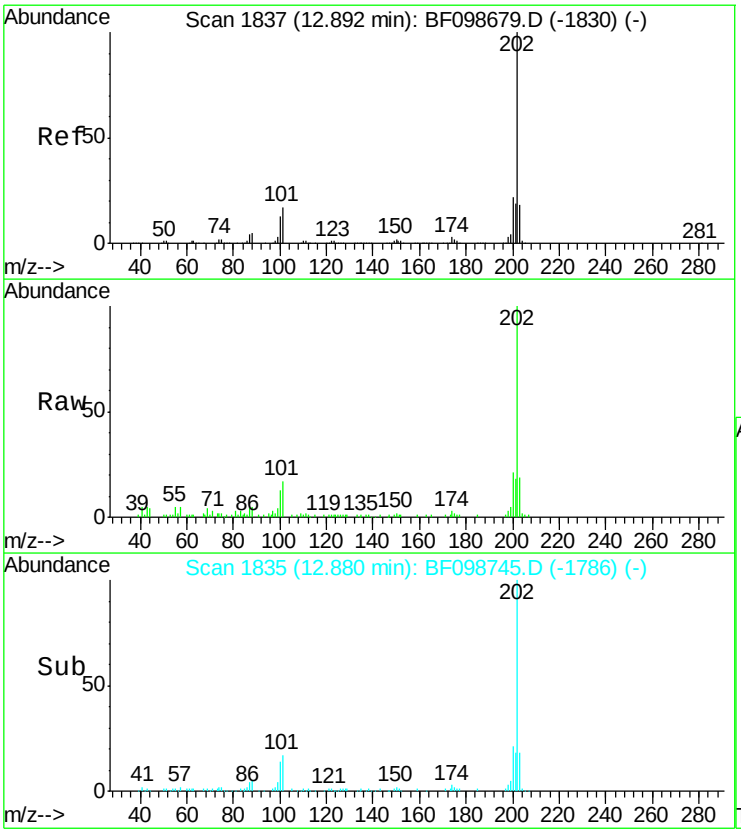
#76
Benzidine
Concen: 1.32 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.25 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 14308

Ion	Ratio	Lower	Upper
184	100		
185	20.5	12.6	18.8#
183	13.0	9.3	13.9

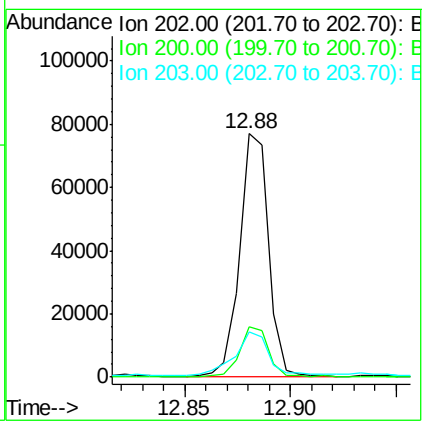


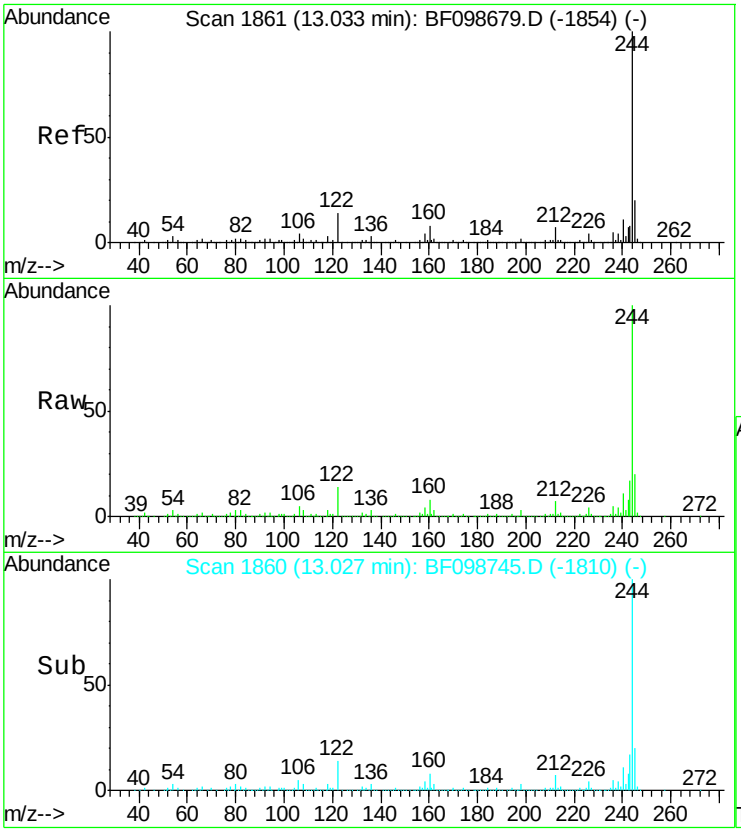


#77
Pyrene
Concen: 3.28 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:202 Resp: 73181

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5



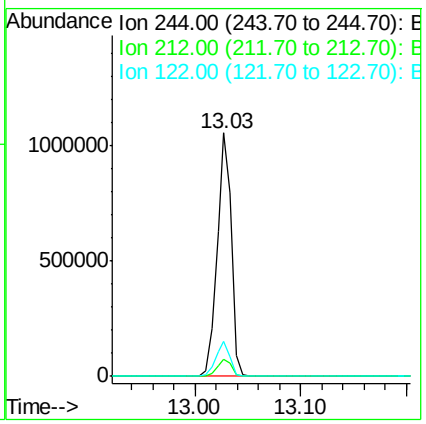


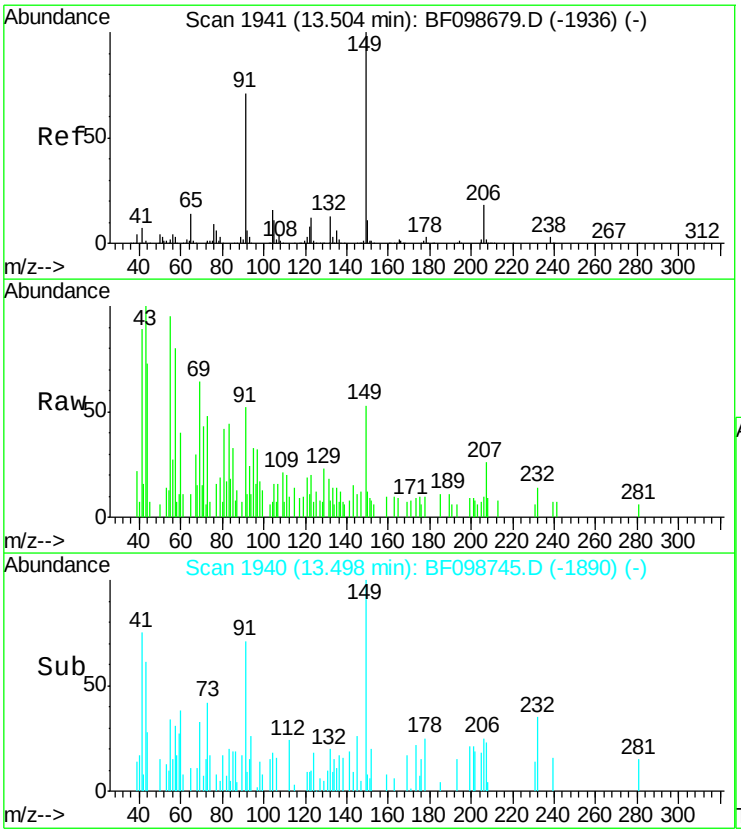
#78
Terphenyl-d14
Concen: 77.55 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 998285

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.5	11.0	16.4

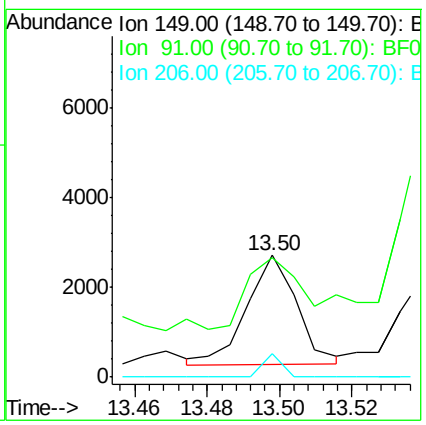


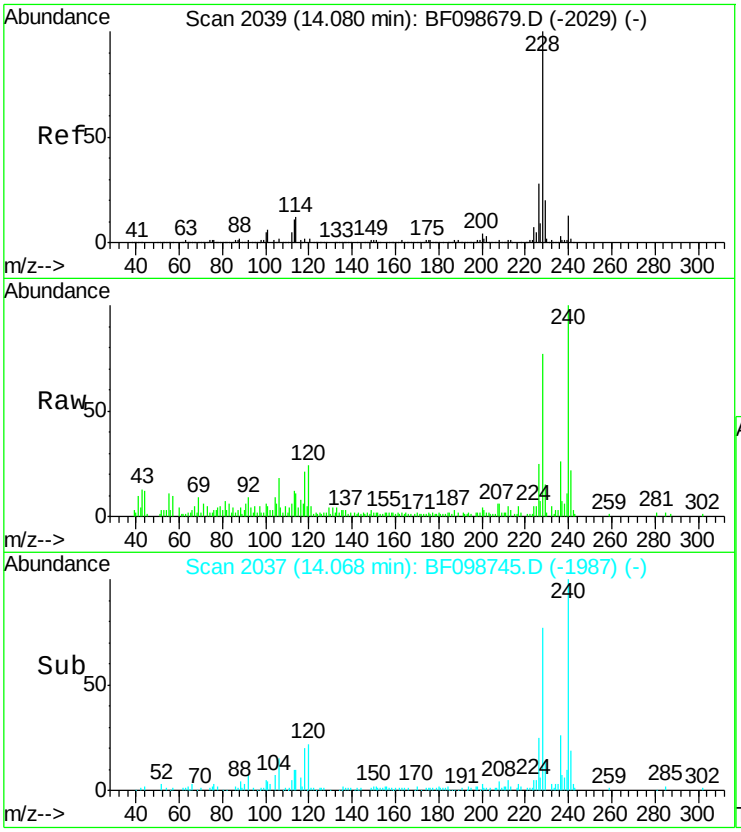


#79
Butylbenzylphthalate
Concen: 0.22 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:149 Resp: 2313

Ion	Ratio	Lower	Upper
149	100		
91	98.3	56.8	85.2#
206	19.6	14.1	21.1



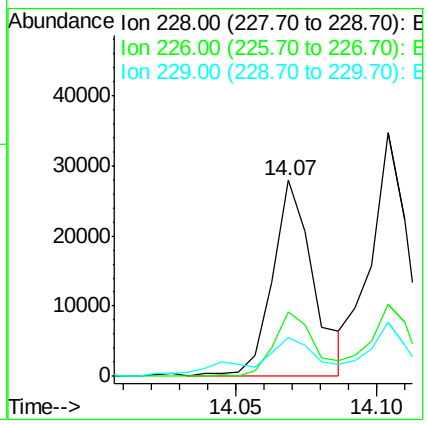


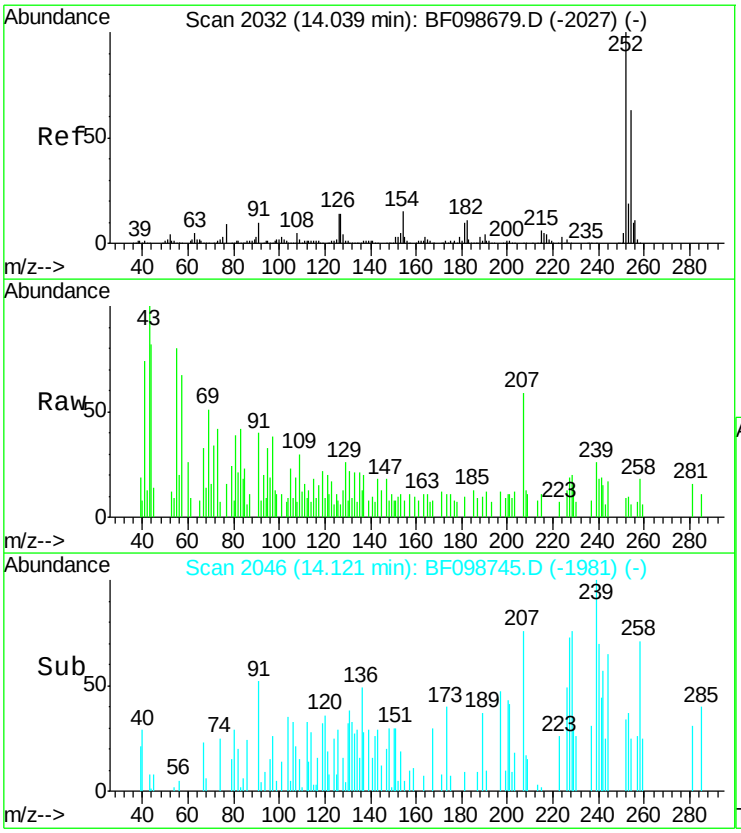
#80
Benzo(a)anthracene
Concen: 1.59 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28195

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	20.0	15.8	23.6

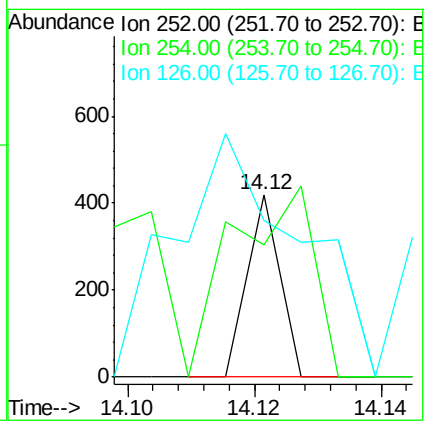


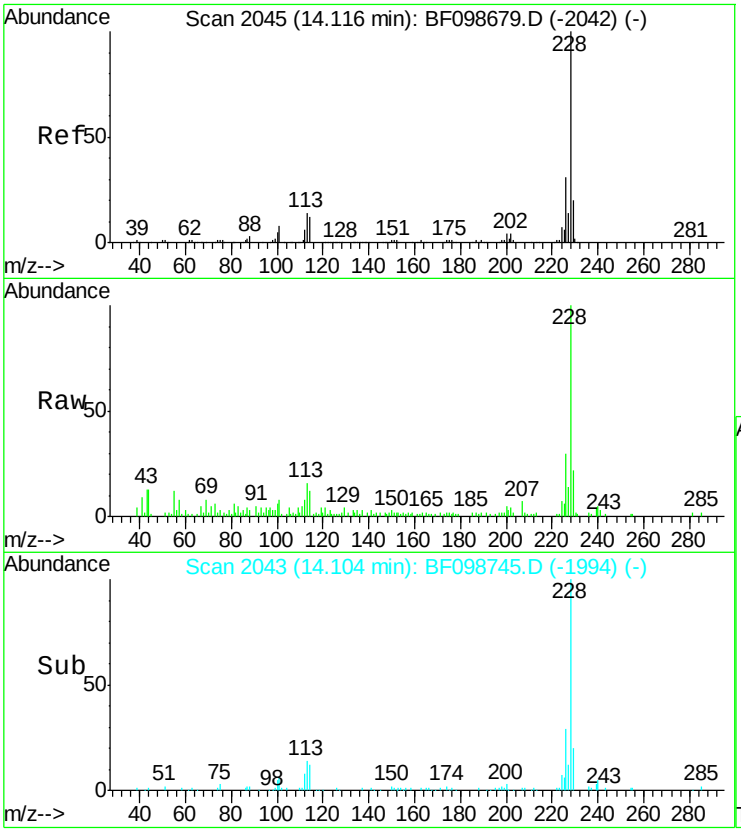


#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.08 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:252 Resp: 148

Ion	Ratio	Lower	Upper
252	100		
254	72.6	50.4	75.6
126	85.7	11.3	16.9#



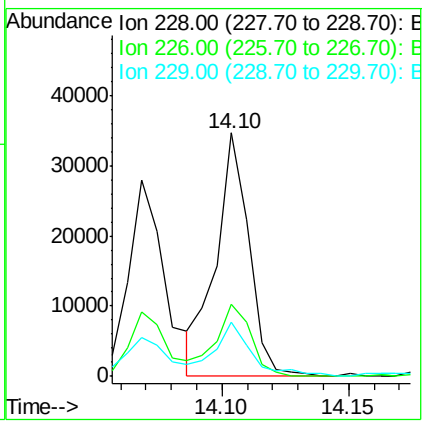


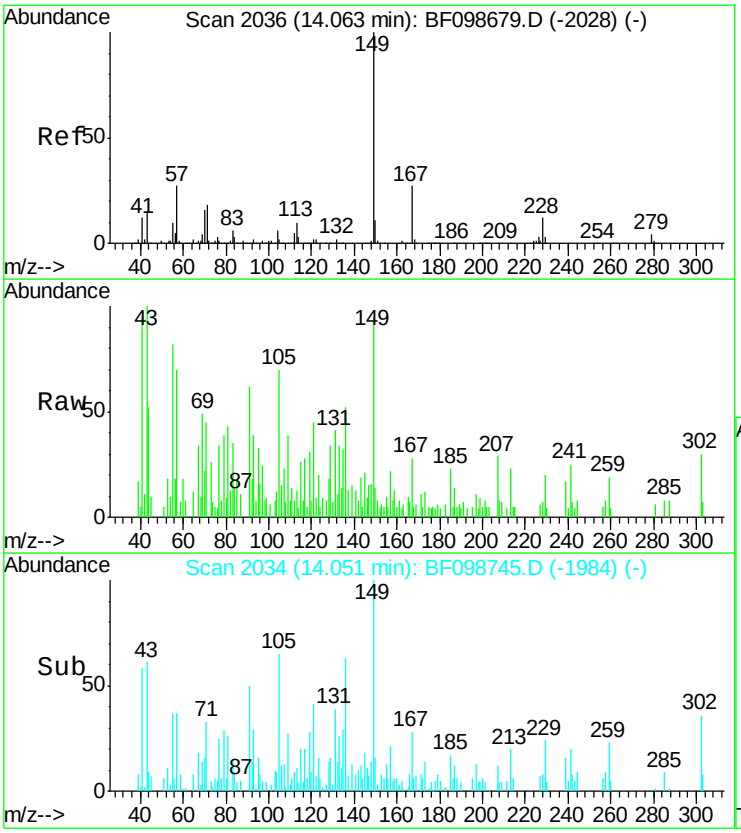
#82
Chrysene
Concen: 1.86 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 31421

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.3	16.2	24.4

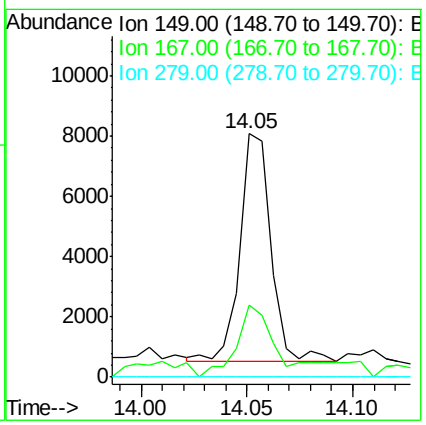


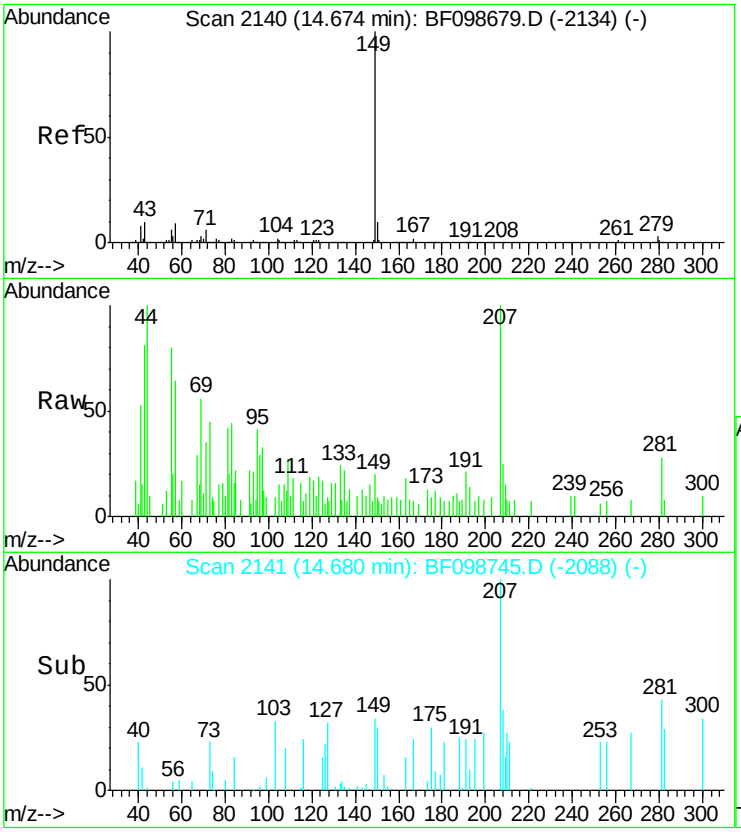


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:149 Resp: 7694

Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.3	31.9
279	0.0	3.0	4.4#



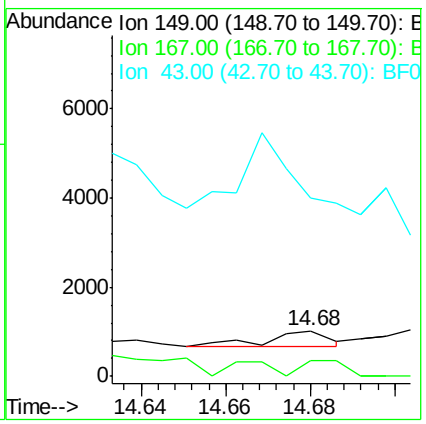


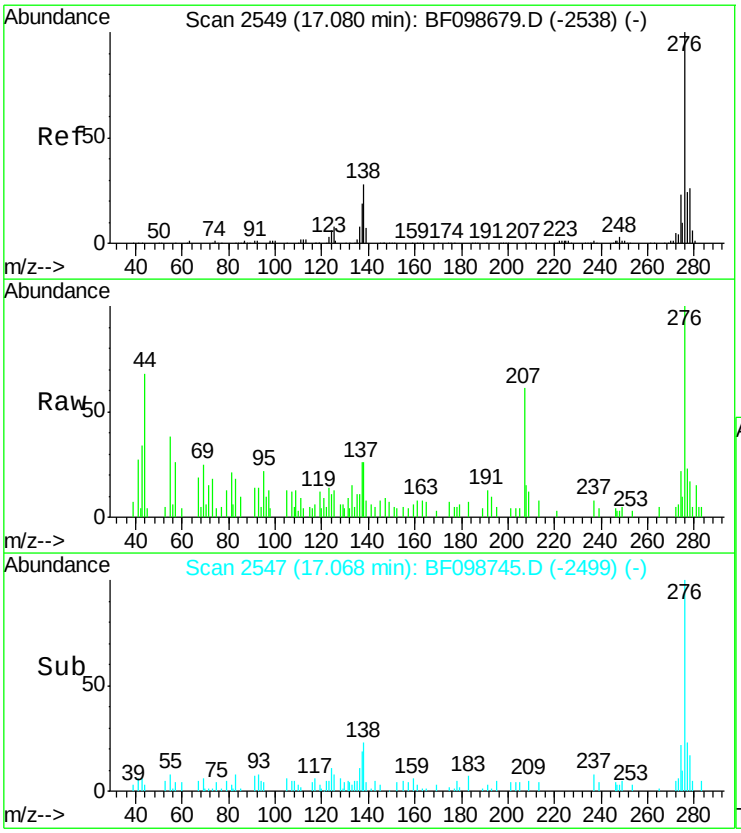
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.68 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 375

Ion	Ratio	Lower	Upper
149	100		
167	65.3	1.2	1.8#
43	0.0	8.4	12.6#

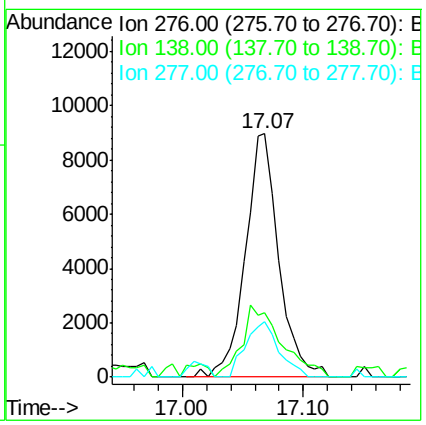


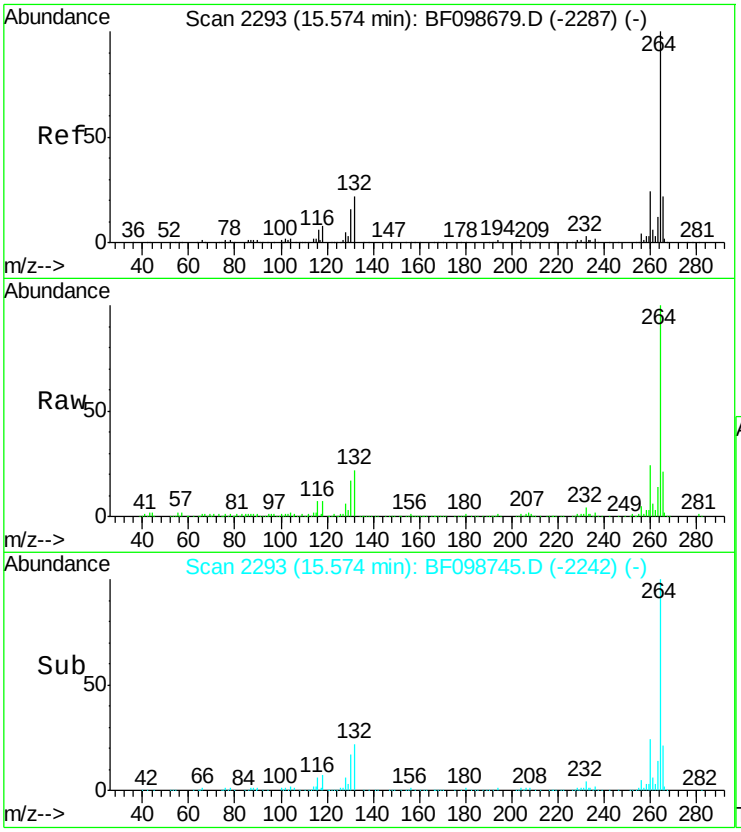


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.28 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:276 Resp: 17237

Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	22.7	20.1	30.1



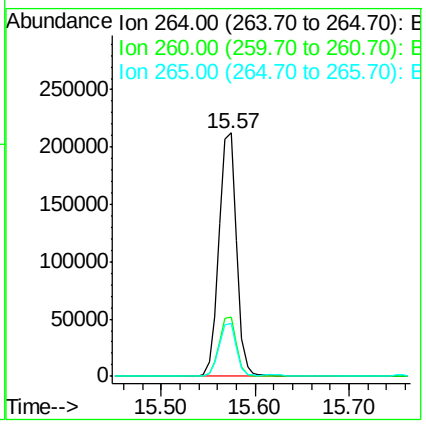


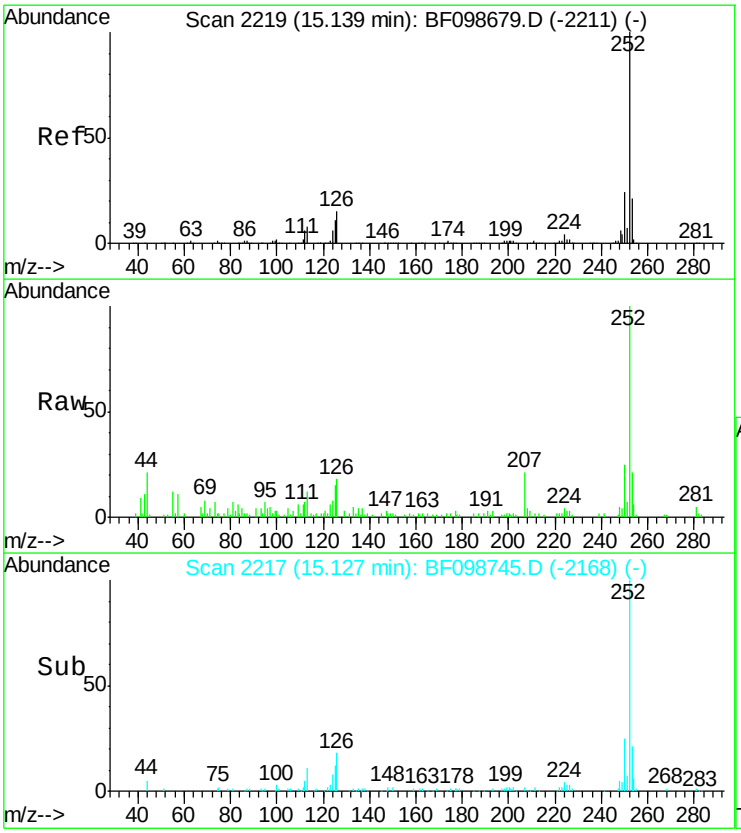
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 279446

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

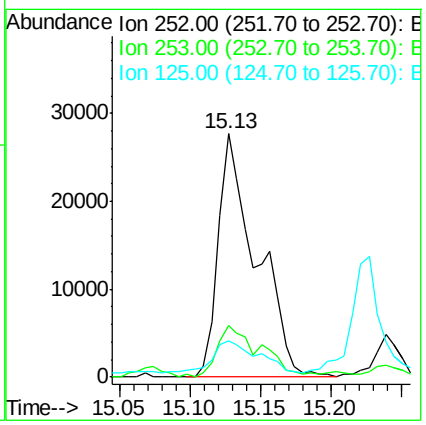


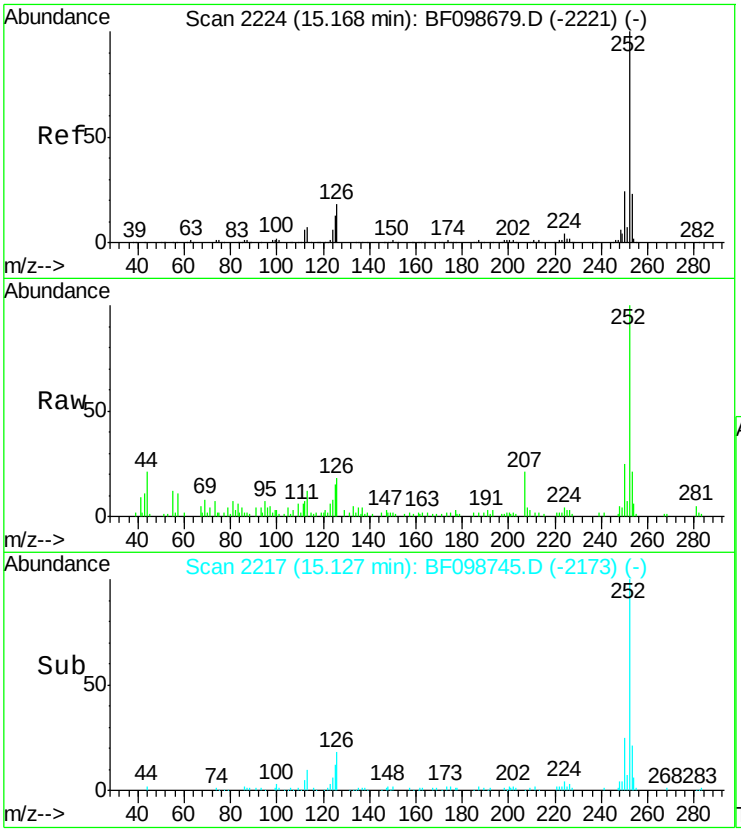


#87
Benzo(b)fluoranthene
Concen: 3.05 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:252 Resp: 52419

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	14.7	9.0	13.6#



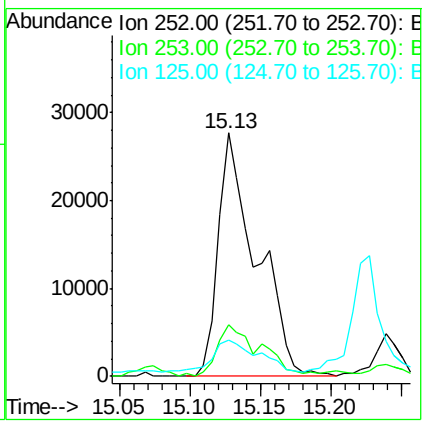


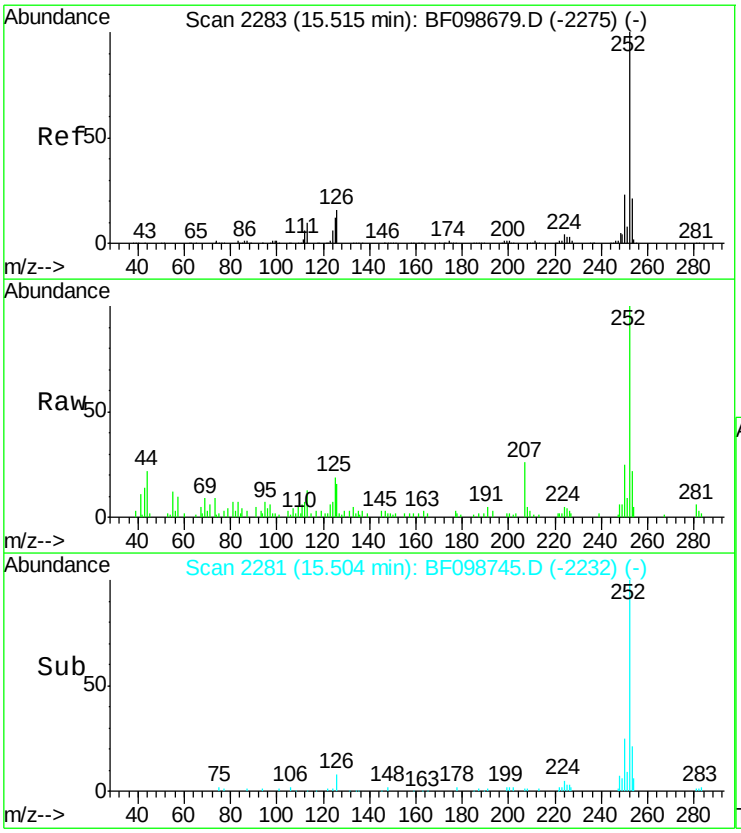
#88
Benzo(k)fluoranthene
Concen: 3.09 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52419

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	14.7	10.2	15.2

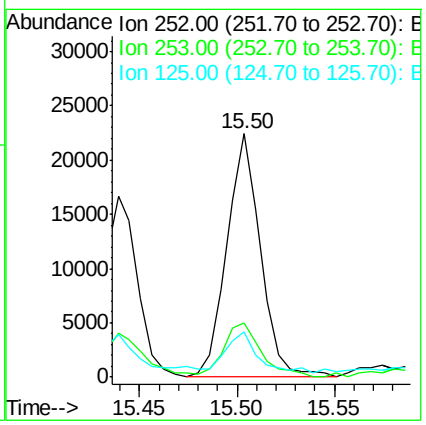


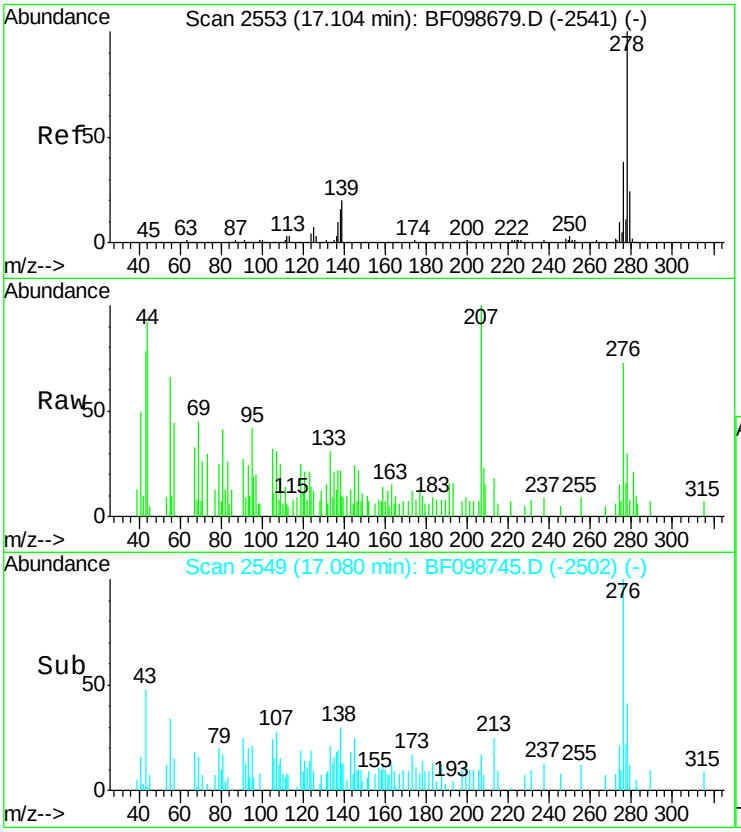


#89
Benzo(a)pyrene
Concen: 1.70 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:252 Resp: 26764

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	18.7	9.8	14.6#



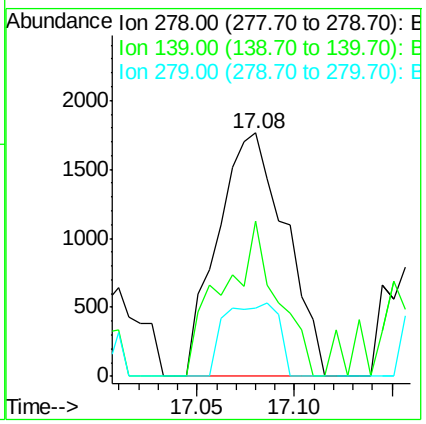


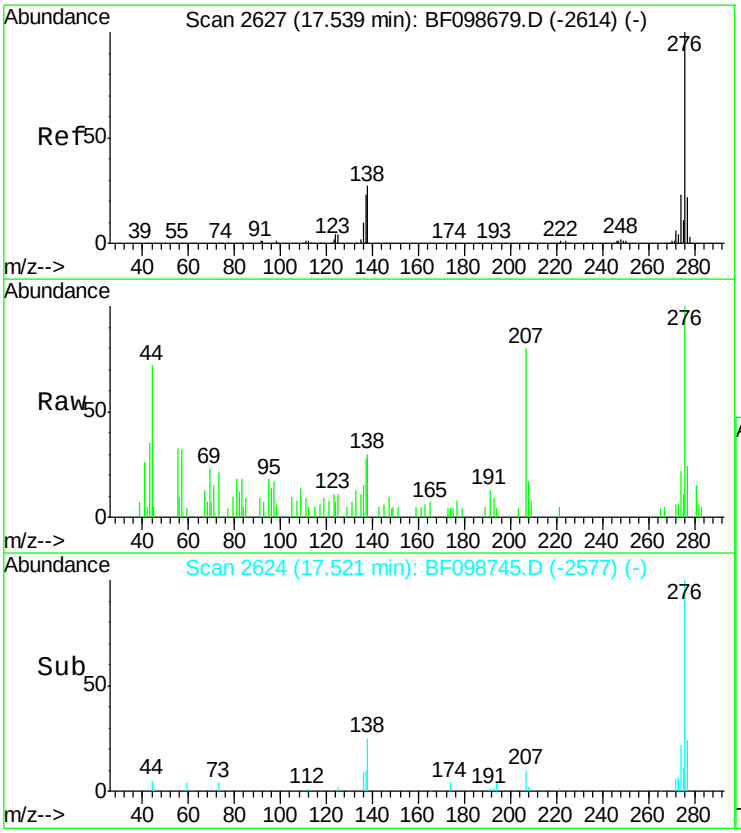
#90
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 4268

Ion	Ratio	Lower	Upper
278	100		
139	64.0	15.9	23.9#
279	28.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 1.25 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion:276 Resp: 15573

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	30.0	21.8	32.8