Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098750.D
Acq On : 23 Sep 2017 20:29
Operator : SJ/JU
Sample : I5340-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:55:37 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	155818	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	615831	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	243956	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	351030	20.00	ng		0.00
75) Chrysene-d12	14.08	240	253019	20.00	ng		0.00
86) Perylene-d12	15.57	264	245299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1230244	125.69	ng		0.00
7) Phenol-d6	6.55	99	1472589	121.96	ng		0.00
23) Nitrobenzene-d5	7.49	82	892513	92.94	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	220045	110.23	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1442451	98.71	ng		0.00
78) Terphenyl-d14	13.03	244	870161	78.21	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.56	93	637	0.04	ng	#	1
8) 2-Chlorophenol	6.70	128	326	0.03	ng	#	1
9) Benzaldehyde	6.47	77	1111	0.16	ng		95
10) Phenol	6.56	94	29414	2.18	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	1447	0.14	ng	#	1
12) 1,3-Dichlorobenzene	7.08	146	419	0.04	ng	#	1
13) 1,4-Dichlorobenzene	7.08	146	419	0.04	ng	#	1
14) 1,2-Dichlorobenzene	7.08	146	419	0.04	ng	#	1
15) Benzyl Alcohol	7.08	79	14579	1.65	ng	#	32
16) 2,2'-oxybis(1-Chloropropan	7.29	45	110	0.01	ng		70
17) 2-Methylphenol	7.05	107	110	0.01	ng	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	118268	15.34	ng	#	78
20) 3+4-Methylphenols	7.31	107	259	0.02	ng	#	41
22) Acetophenone	7.32	105	366	0.02	ng	#	54
24) Nitrobenzene	7.48	77	2863	0.26	ng	#	31
25) Isophorone	7.49	82	888403	44.75	ng	#	64
27) 2,4-Dimethylphenol	7.87	122	6048	0.61	ng	#	4
31) Naphthalene	8.22	128	3088	0.11	ng	#	92
32) Benzoic acid	7.87	122	6048	0.74	ng		96
33) 4-Chloroaniline	8.22	127	298	0.02	ng	#	1
37) 2-Methylnaphthalene	8.91	142	1341	0.07	ng		88
45) 1,1'-Biphenyl	9.37	154	2962	0.14	ng		86
46) 2-Chloronaphthalene	9.39	162	657	0.04	ng	#	37
47) 2-Nitroaniline	9.39	65	536	0.11	ng	#	26
48) Acenaphthylene	9.82	152	8760	0.36	ng		97
49) Dimethylphthalate	9.67	163	204681	11.12	ng		99
50) 2,6-Dinitrotoluene	9.66	165	2199	0.55	ng	#	11
51) Acenaphthene	9.99	154	1394	0.09	ng		91
54) Dibenzofuran	10.16	168	1507	0.07	ng	#	95
55) 4-Nitrophenol	10.16	139	373	0.09	ng	#	9
56) 2,4-Dinitrotoluene	9.96	165	31277	6.01	ng	#	23
57) Fluorene	10.50	166	3517	0.22	ng	#	80
59) Diethylphthalate	10.36	149	1337	0.07	ng	#	61
60) 4-Chlorophenyl-phenylether	10.73	204	1030	0.14	ng	#	1

Quantitation Report (Not Reviewed)

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Data File : BF098750.D
Acq On : 23 Sep 2017 20:29
Operator : SJ/JU
Sample : I5340-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:55:37 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)
62) Azobenzene	10.65	77	656	0.04	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.74	198	601	0.28	ng	#	1
65) n-Nitrosodiphenylamine	10.75	169	8736	0.72	ng	#	43
66) 4-Bromophenyl-phenylether	10.75	248	15082	4.39	ng	#	1
70) Phenanthrene	11.47	178	53264	2.83	ng		98
71) Anthracene	11.52	178	11806	0.61	ng		96
72) Carbazole	11.67	167	4057	0.22	ng		94
73) Di-n-butylphthalate	12.00	149	2622	0.12	ng	#	86
74) Fluoranthene	12.66	202	92514	4.86	ng		96
76) Benzidine	13.03	184	12604	1.35	ng		96
77) Pyrene	12.89	202	88877	4.61	ng		100
79) Butylbenzylphthalate	13.50	149	1794	0.20	ng	#	88
80) Benzo(a)anthracene	14.07	228	41183	2.69	ng		94
81) 3,3'-Dichlorobenzidine	14.12	252	289	0.05	ng	#	1
82) Chrysene	14.10	228	42615	2.92	ng		96
83) Bis(2-ethylhexyl)phthalate	14.06	149	4277	0.34	ng	#	95
84) Di-n-octyl phthalate	14.67	149	375	0.02	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.07	276	23491	2.01	ng		97
87) Benzo(b)fluoranthene	15.13	252	74685	4.95	ng	#	93
88) Benzo(k)fluoranthene	15.13	252	74685	5.01	ng	#	96
89) Benzo(a)pyrene	15.50	252	39439	2.85	ng	#	92
90) Dibenzo(a,h)anthracene	17.09	278	9642	0.87	ng	#	93
91) Benzo(g,h,i)perylene	17.52	276	23277	2.13	ng	#	91

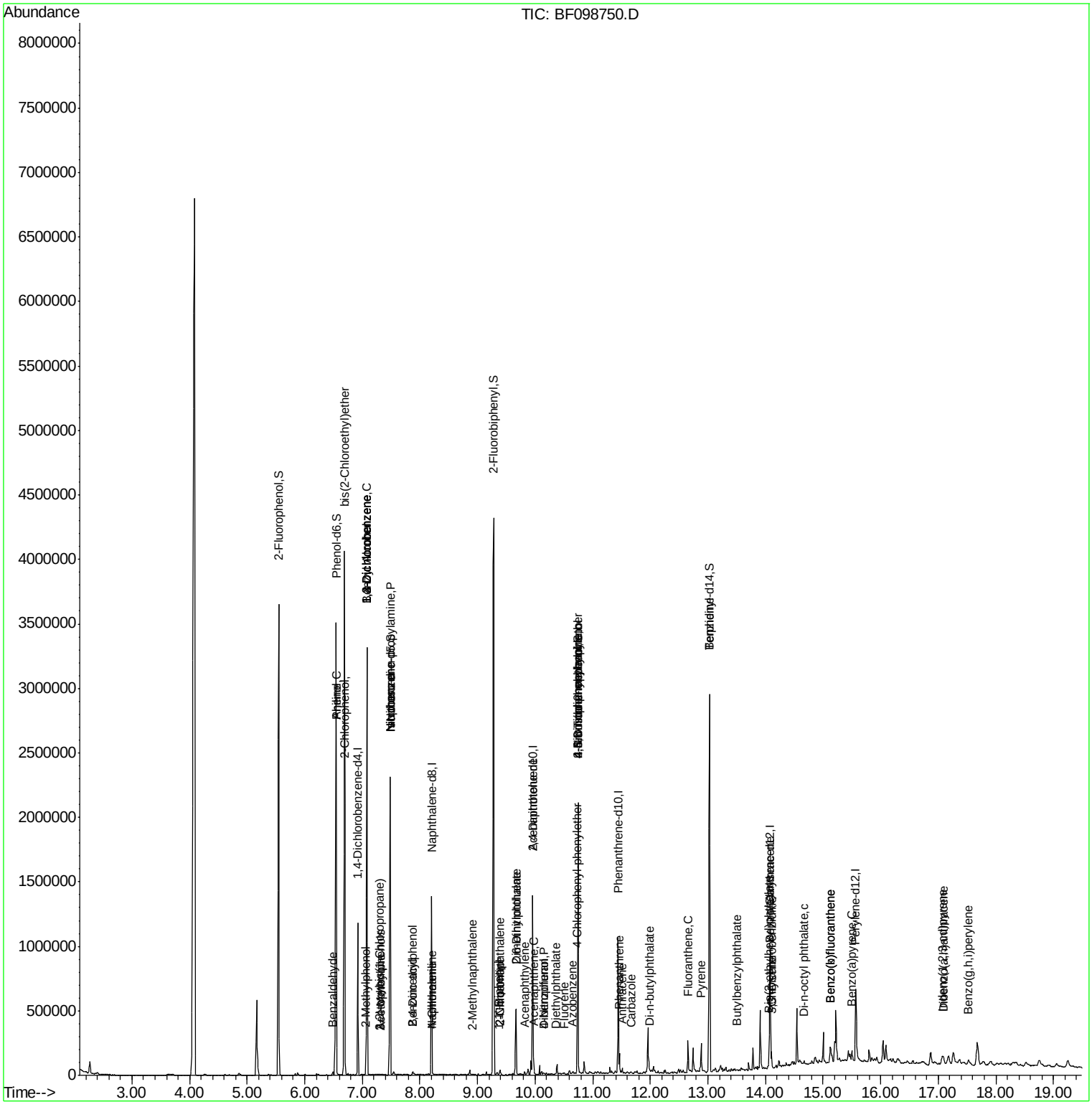
(#) = qualifier out of range (m) = manual integration (+) = signals summed

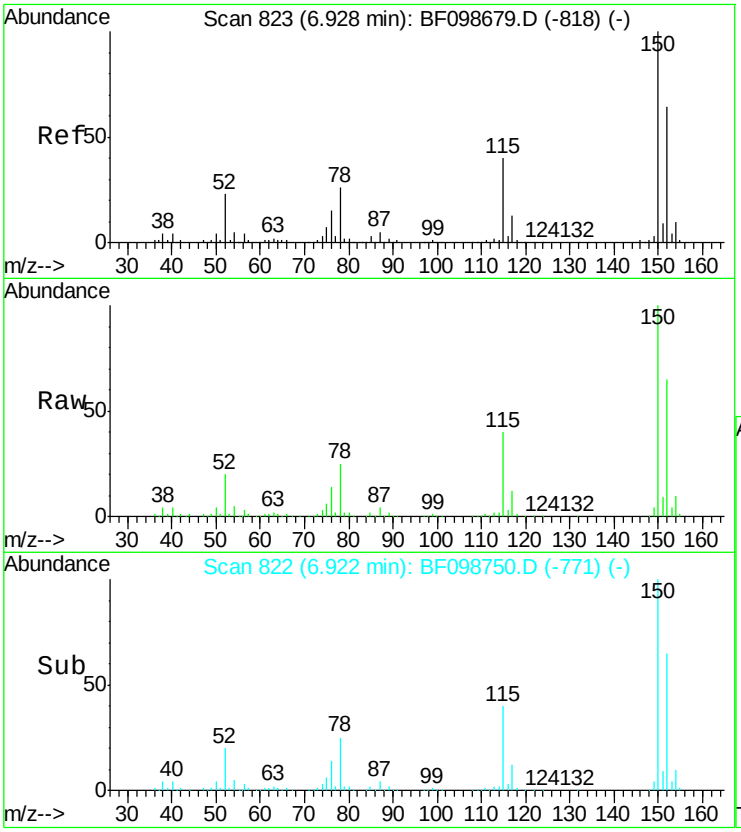
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098750.D
Acq On : 23 Sep 2017 20:29
Operator : SJ/JU
Sample : I5340-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 25 04:55:37 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



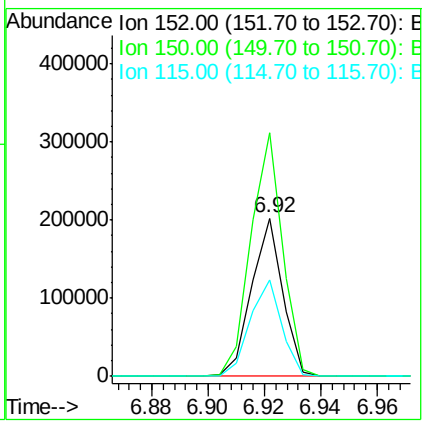


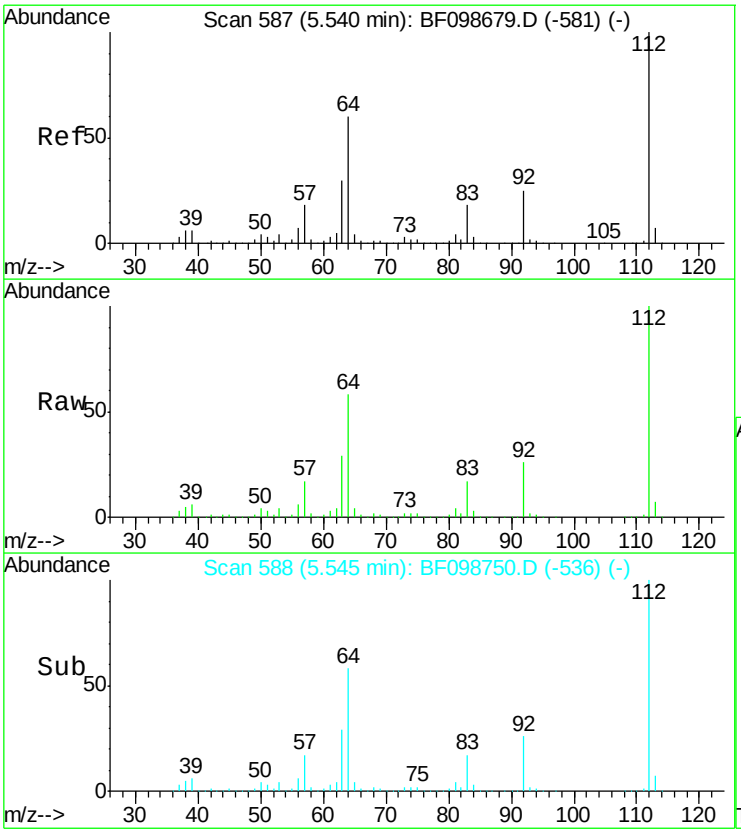
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155818

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	60.9	50.1	75.1

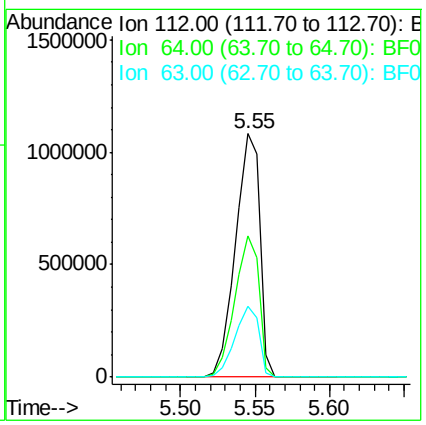


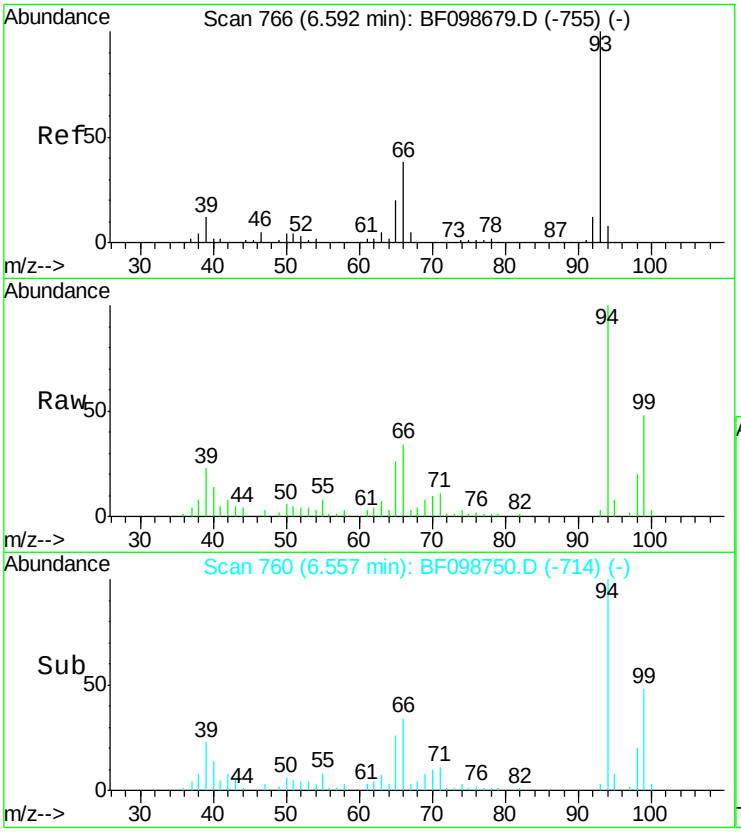


#5
2-Fluorophenol
Concen: 125.69 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:112 Resp: 1230244

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.3	23.7	35.5



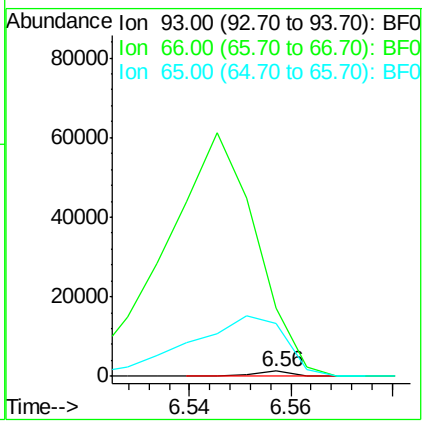


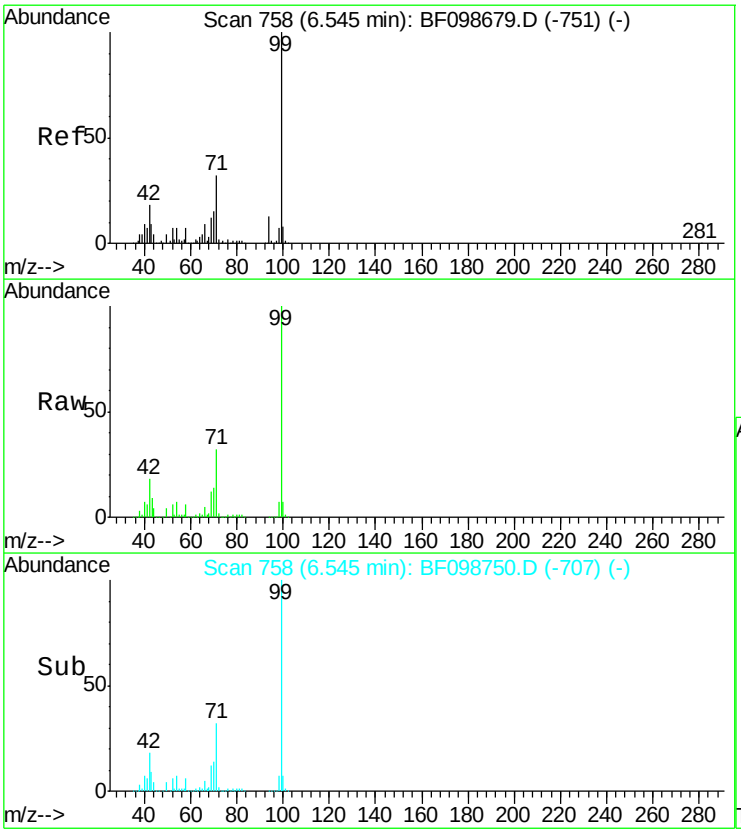
#6
Aniline
Concen: 0.04 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 637

Ion	Ratio	Lower	Upper
93	100		
66	1349.5	32.2	48.2#
65	1050.0	16.4	24.6#

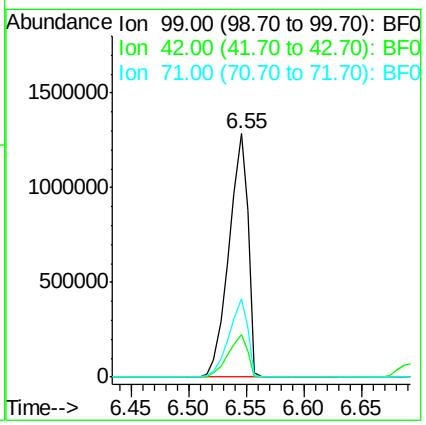


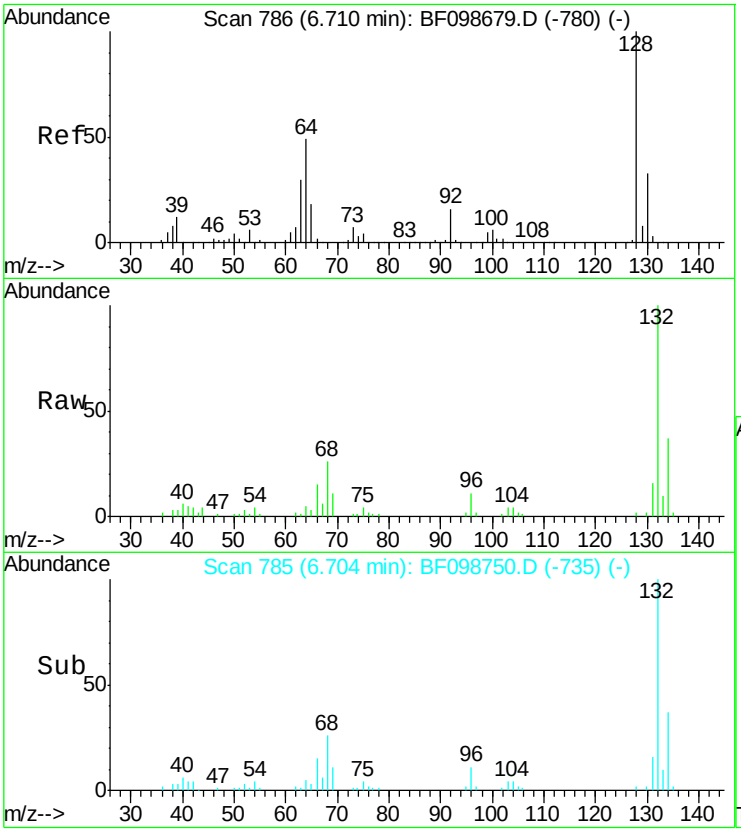


#7
Phenol-d6
Concen: 121.96 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion: 99 Resp: 1472589

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	32.2	25.4	38.0



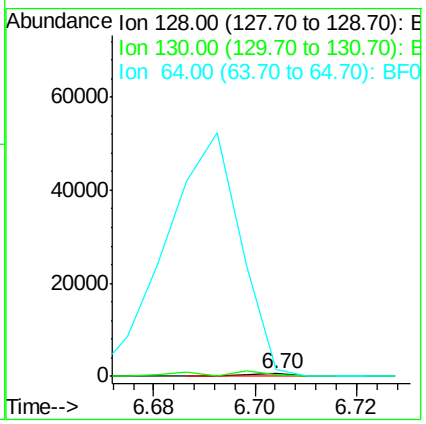


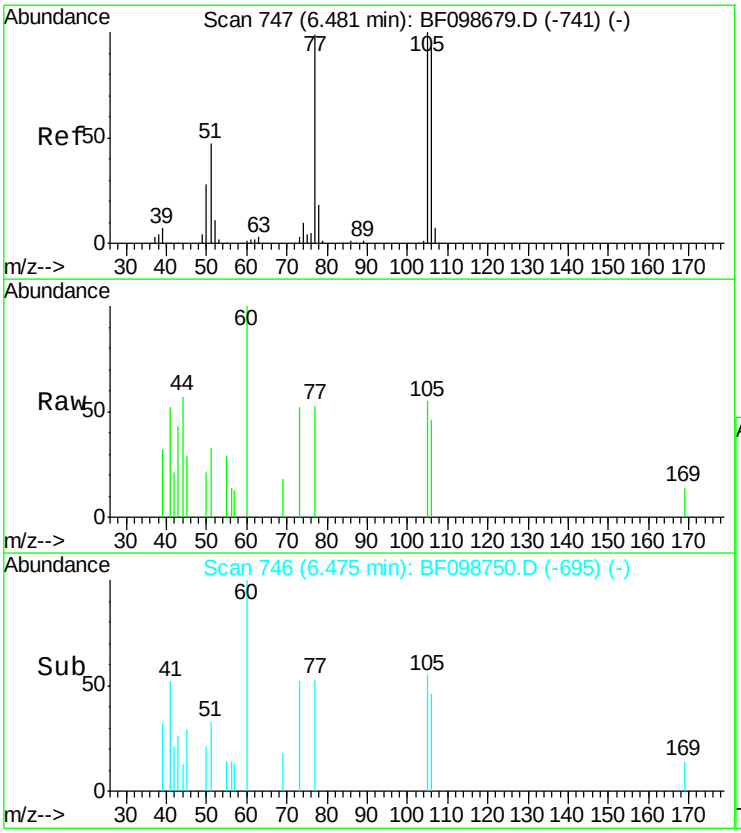
#8
2-Chlorophenol
Concen: 0.03 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 326

Ion	Ratio	Lower	Upper
128	100		
130	74.0	13.0	53.0#
64	234.7	29.4	69.4#

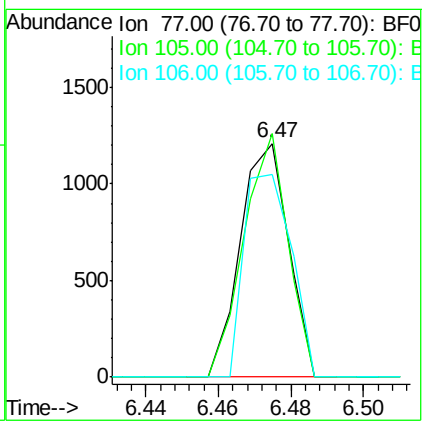


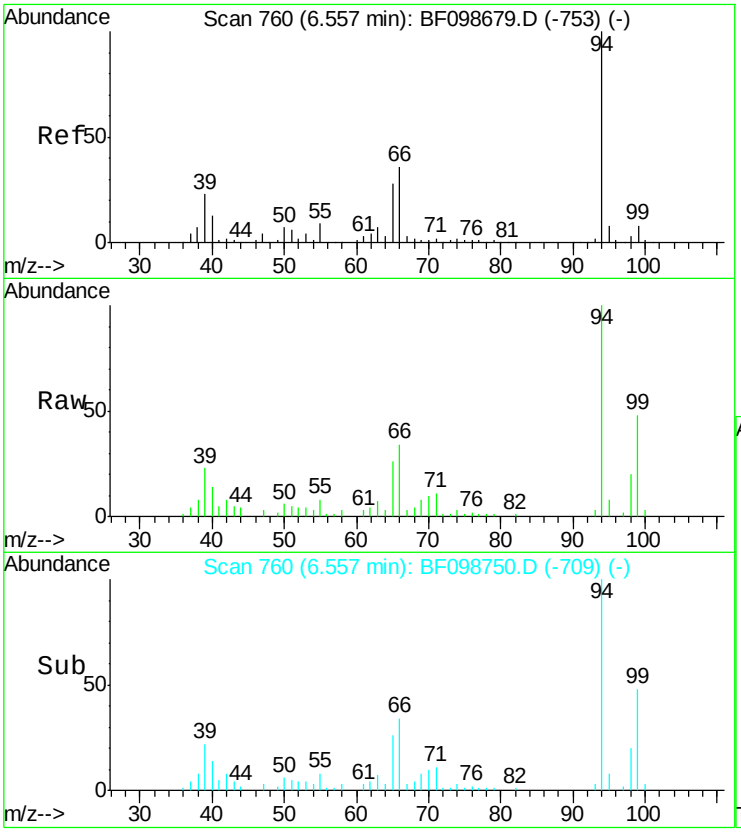


#9
Benzaldehyde
Concen: 0.16 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion: 77 Resp: 1111

Ion	Ratio	Lower	Upper
77	100		
105	104.2	81.1	121.1
106	86.9	74.5	114.5



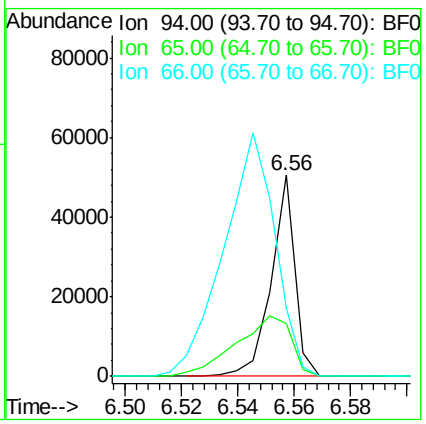


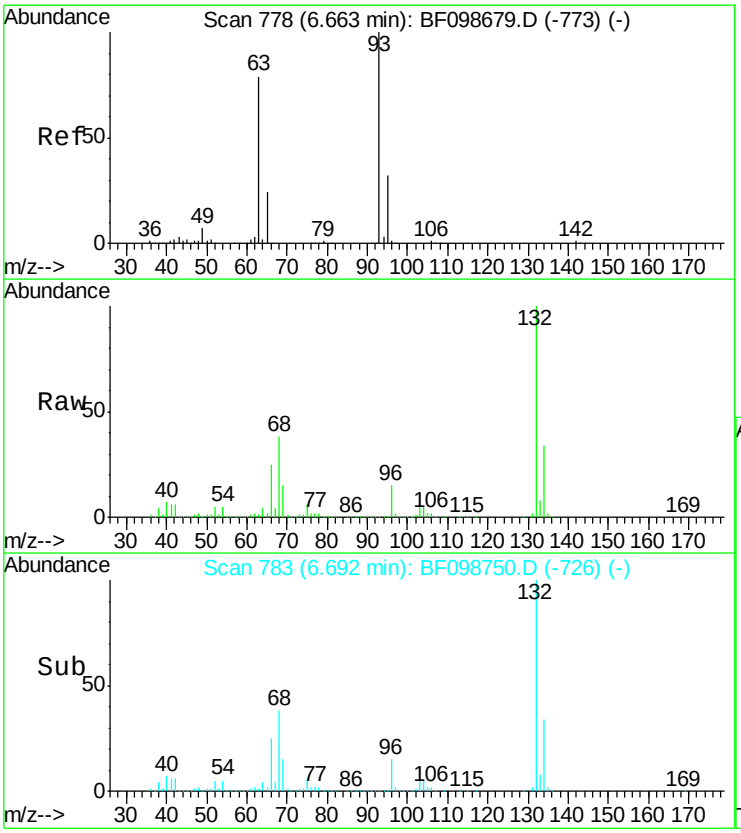
#10
Phenol
Concen: 2.18 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 29414

Ion	Ratio	Lower	Upper
94	100		
65	26.5	7.9	47.9
66	34.0	16.2	56.2

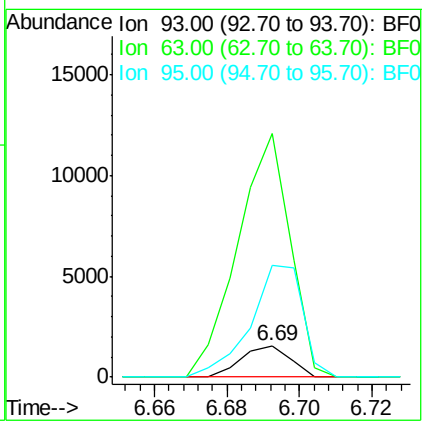


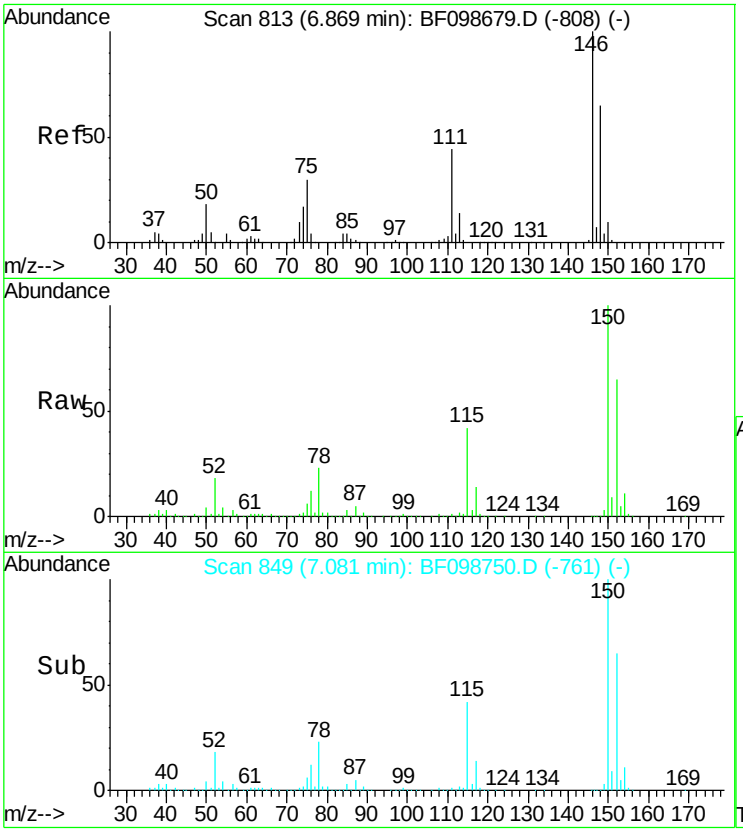


#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.04 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion: 93 Resp: 1447

Ion	Ratio	Lower	Upper
93	100		
63	782.0	58.6	98.6#
95	360.1	11.8	51.8#



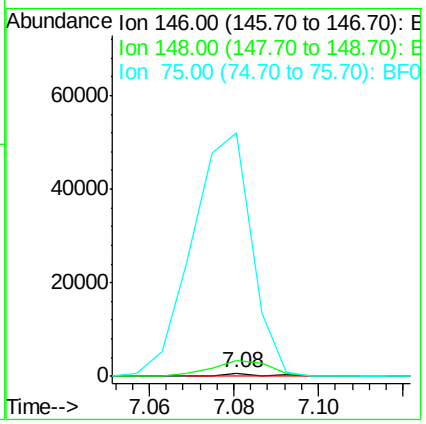


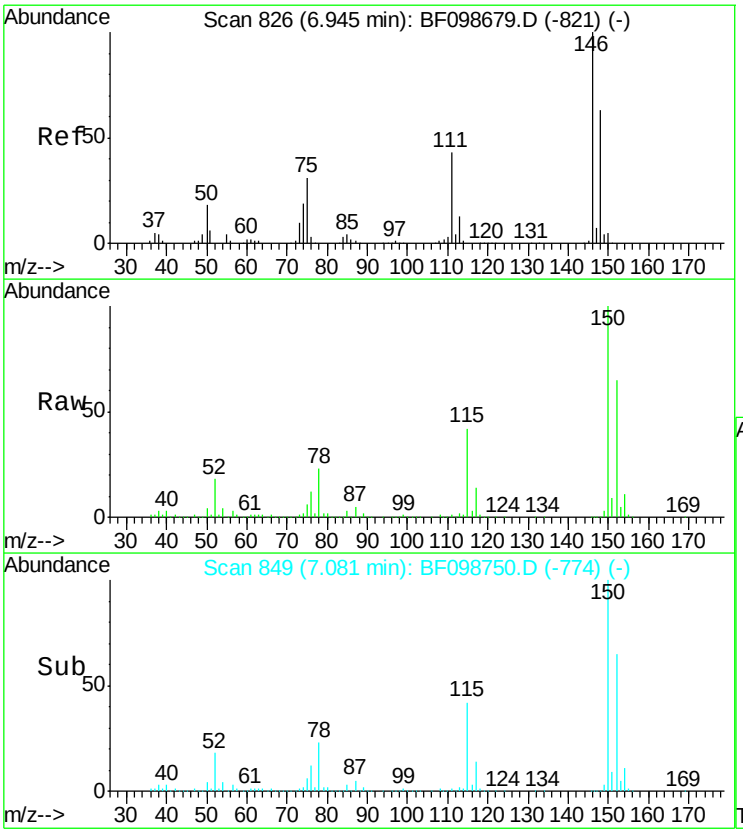
#12
1,3-Dichlorobenzene
Concen: 0.04 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.22 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 419

Ion	Ratio	Lower	Upper
146	100		
148	428.9	51.8	77.8#
75	6889.5	24.2	36.4#

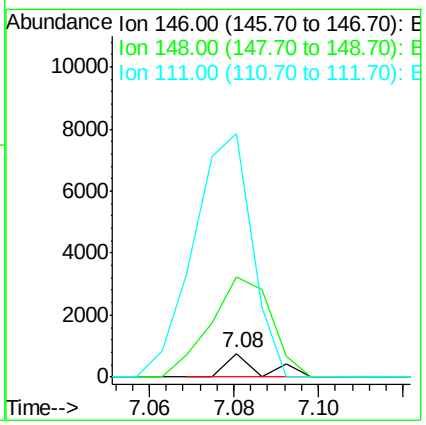


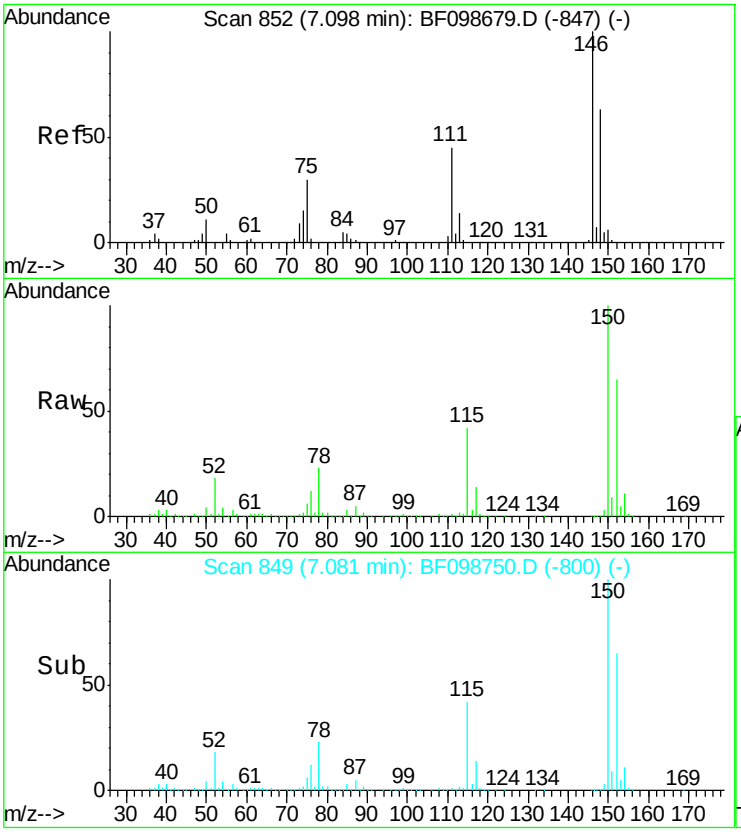


#13
1,4-Dichlorobenzene
Concen: 0.04 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.14 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:146 Resp: 419

Ion	Ratio	Lower	Upper
146	100		
148	428.9	50.8	76.2#
111	1040.1	34.2	51.2#



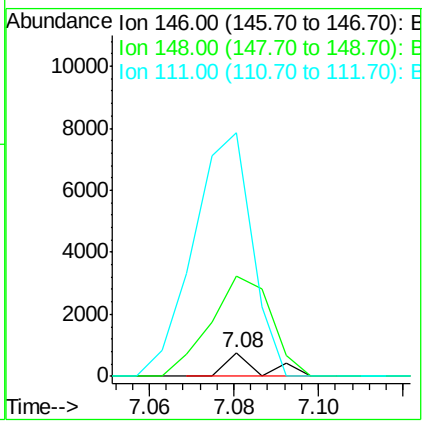


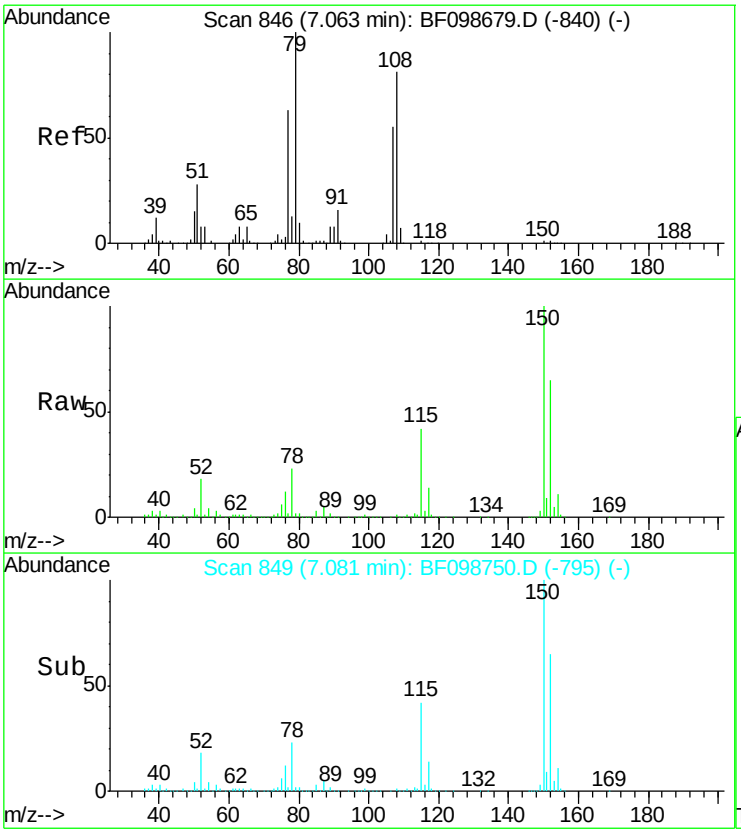
#14
1,2-Dichlorobenzene
Concen: 0.04 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 419

Ion	Ratio	Lower	Upper
146	100		
148	428.9	50.6	75.8#
111	1040.1	36.0	54.0#

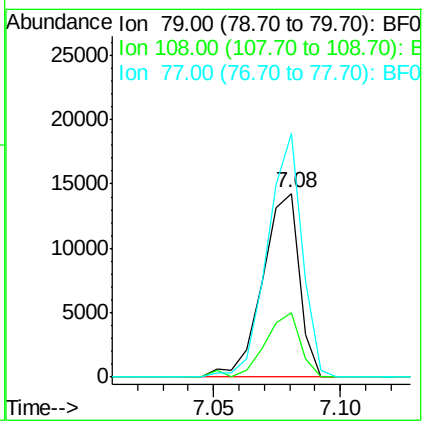


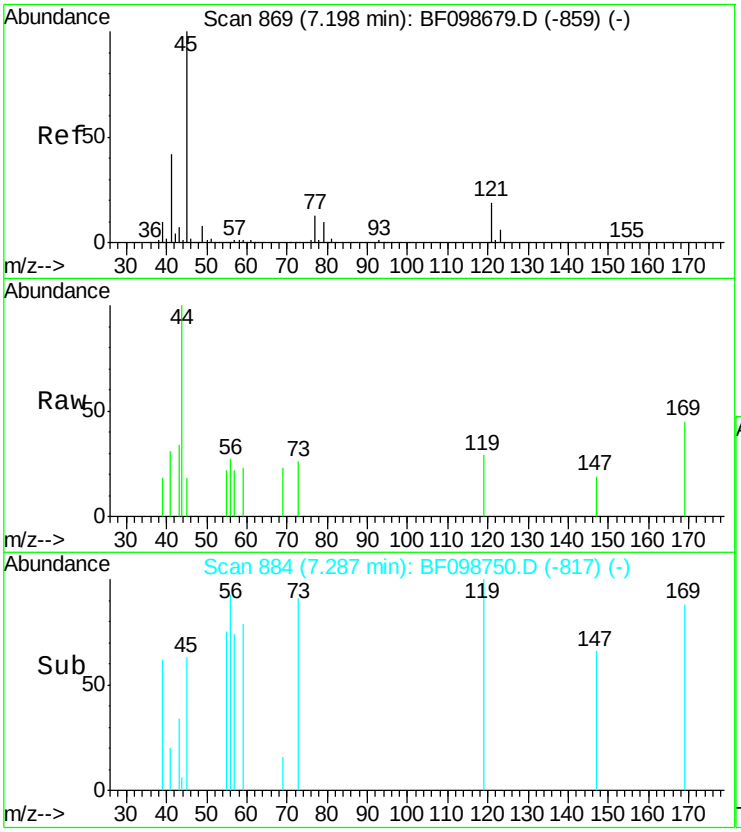


#15
Benzyl Alcohol
Concen: 1.65 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion: 79 Resp: 14579

Ion	Ratio	Lower	Upper
79	100		
108	35.3	65.1	97.7#
77	132.6	50.6	75.8#



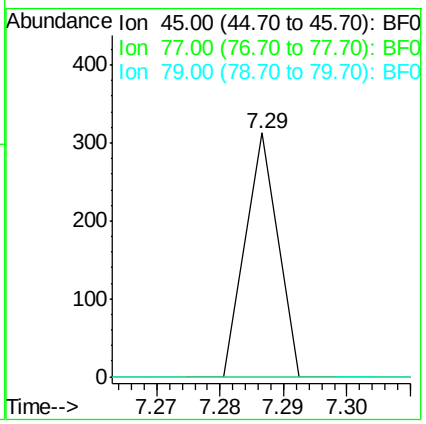


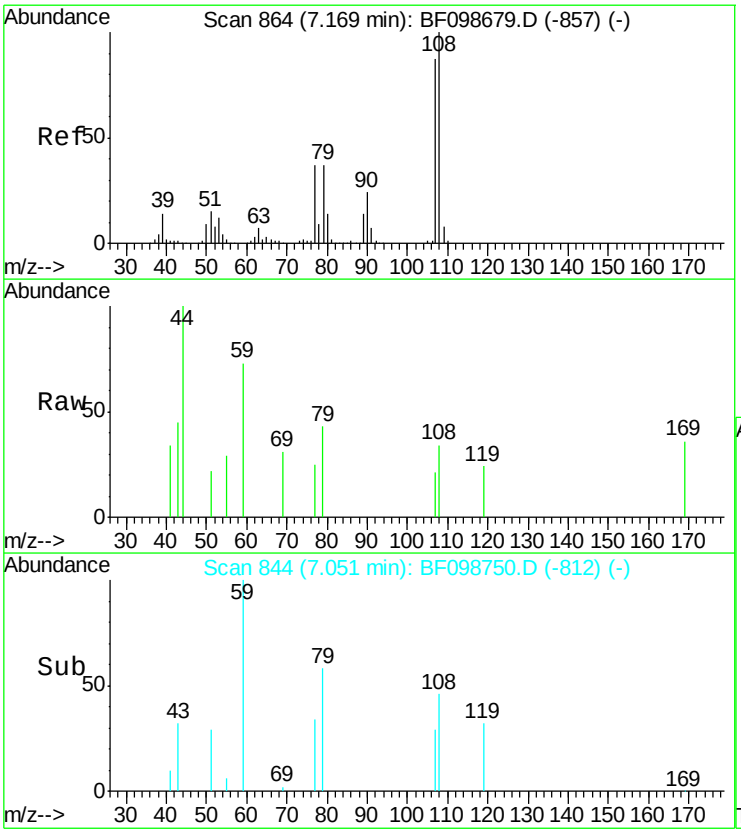
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.09 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 110

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

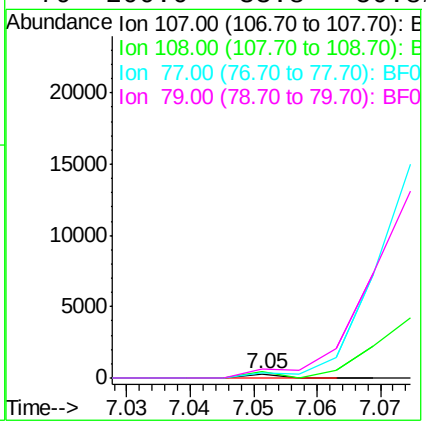


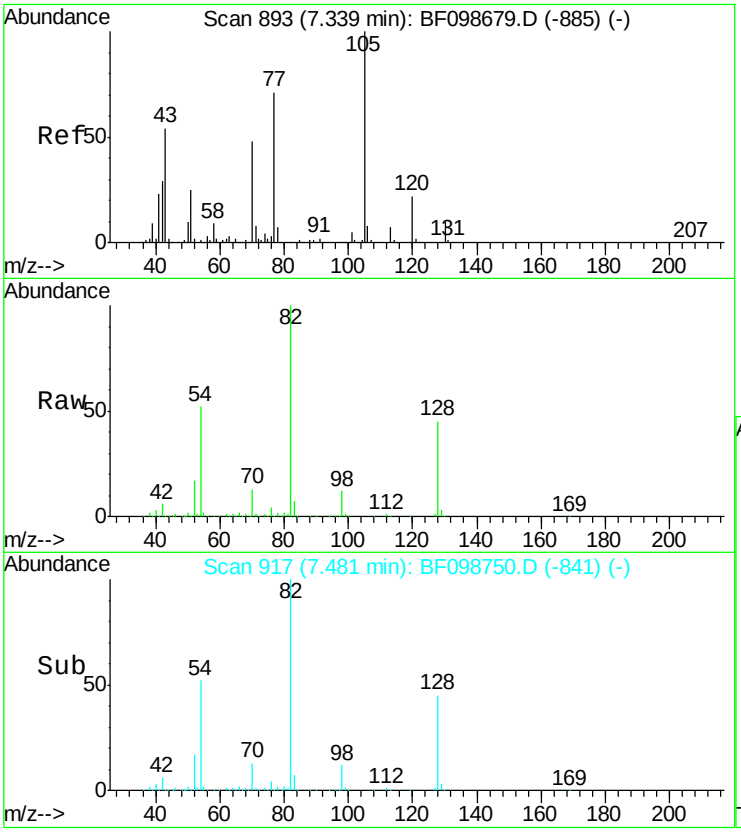


#17
2-Methylphenol
Concen: 0.01 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.11 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:107 Resp: 110

Ion	Ratio	Lower	Upper
107	100		
108	157.1	91.7	137.5#
77	115.7	33.8	50.8#
79	200.0	33.8	50.8#



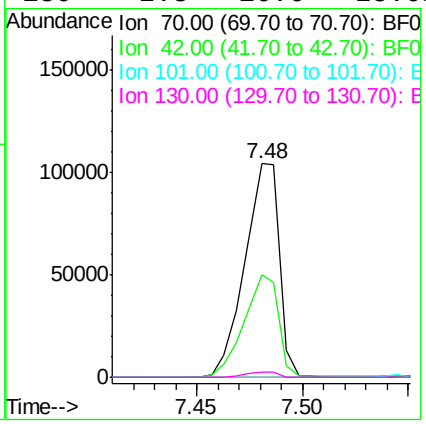


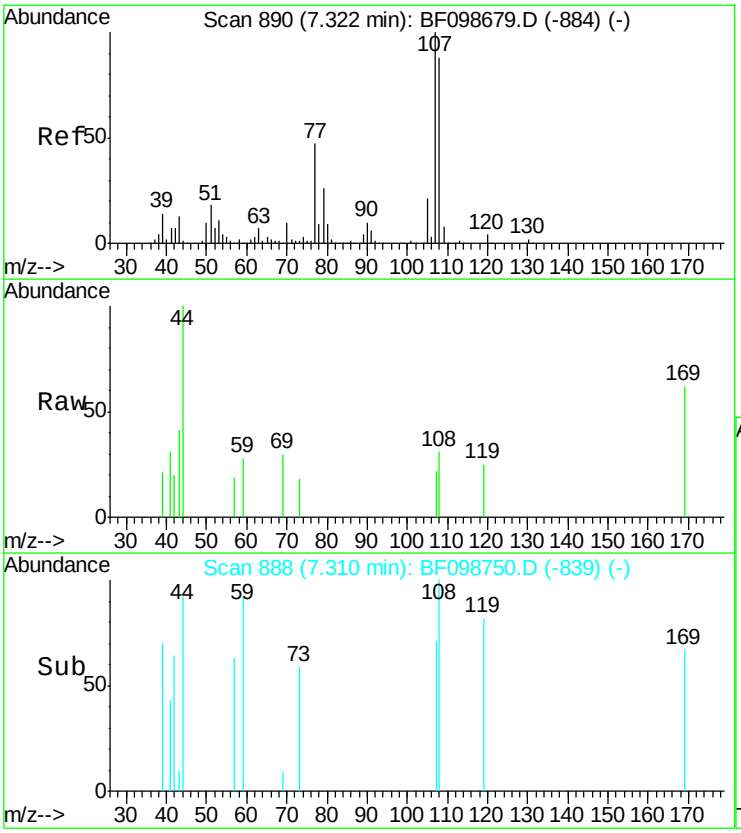
#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 118268

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

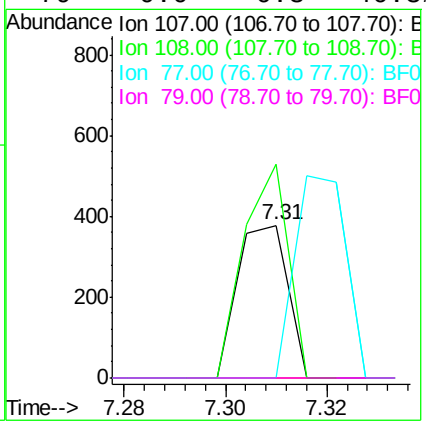


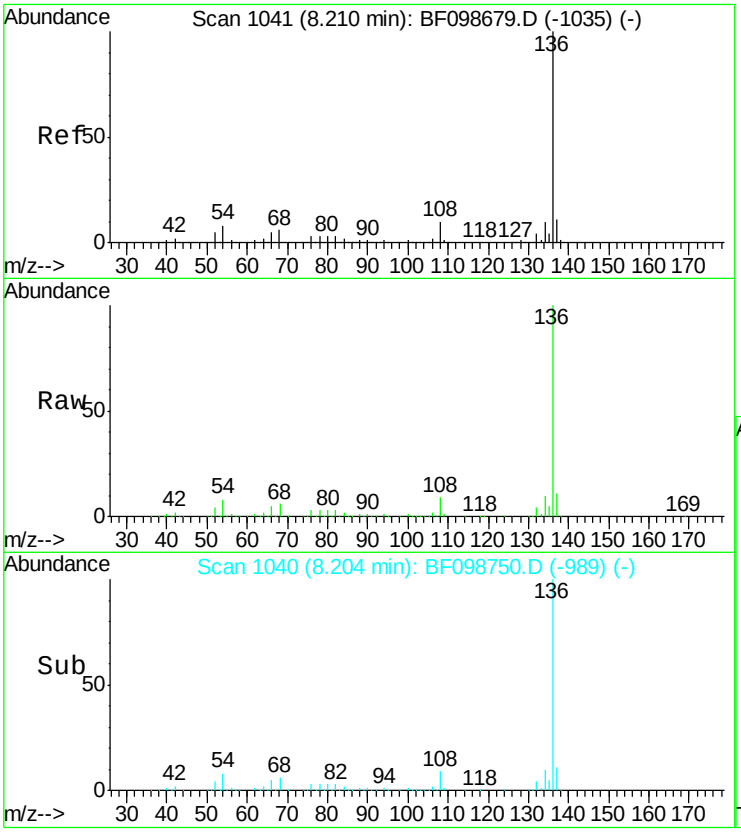


#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:107 Resp: 259

Ion	Ratio	Lower	Upper
107	100		
108	140.3	68.2	108.2#
77	0.0	26.7	66.7#
79	0.0	6.3	46.3#



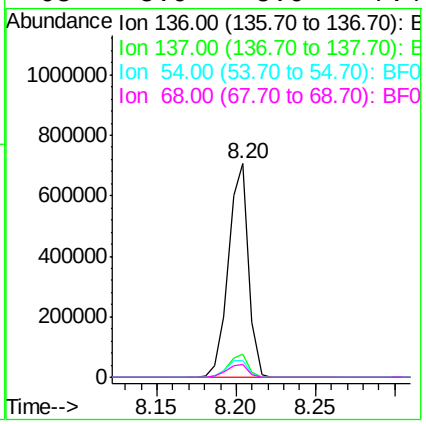


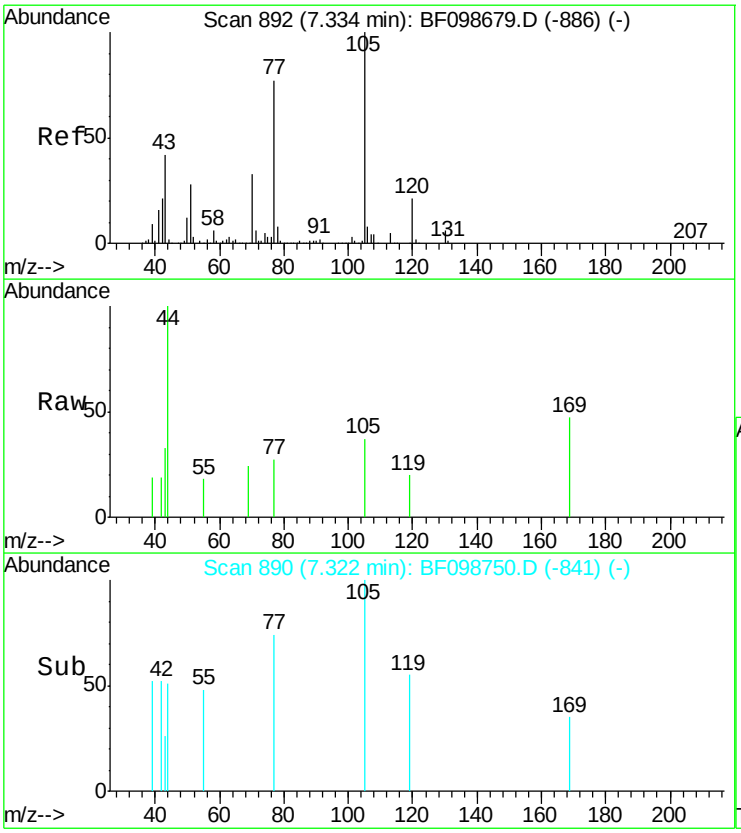
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 615831

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	5.9	5.0	7.4

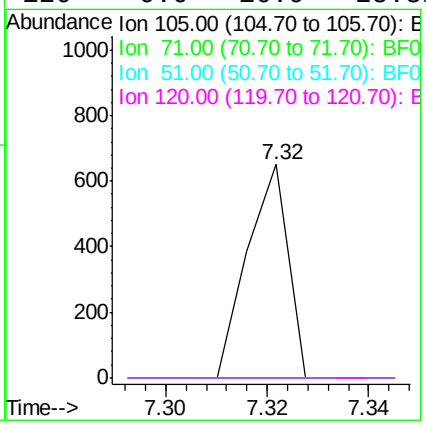


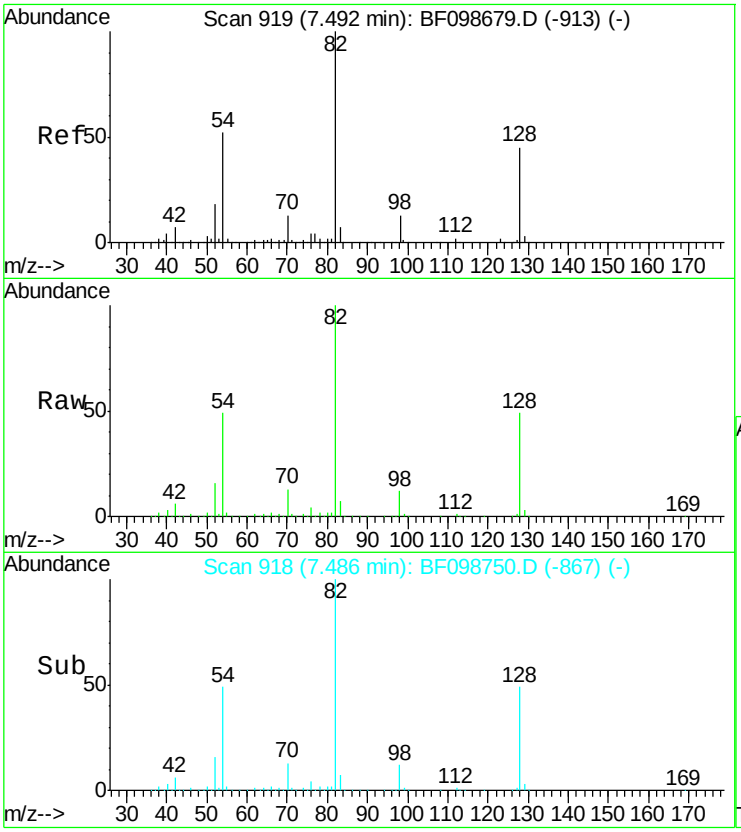


#22
Acetophenone
Concen: 0.02 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:105 Resp: 366

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#



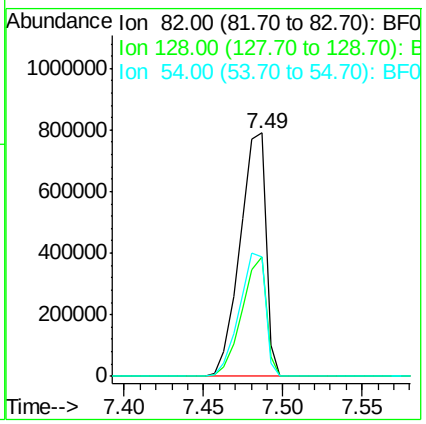


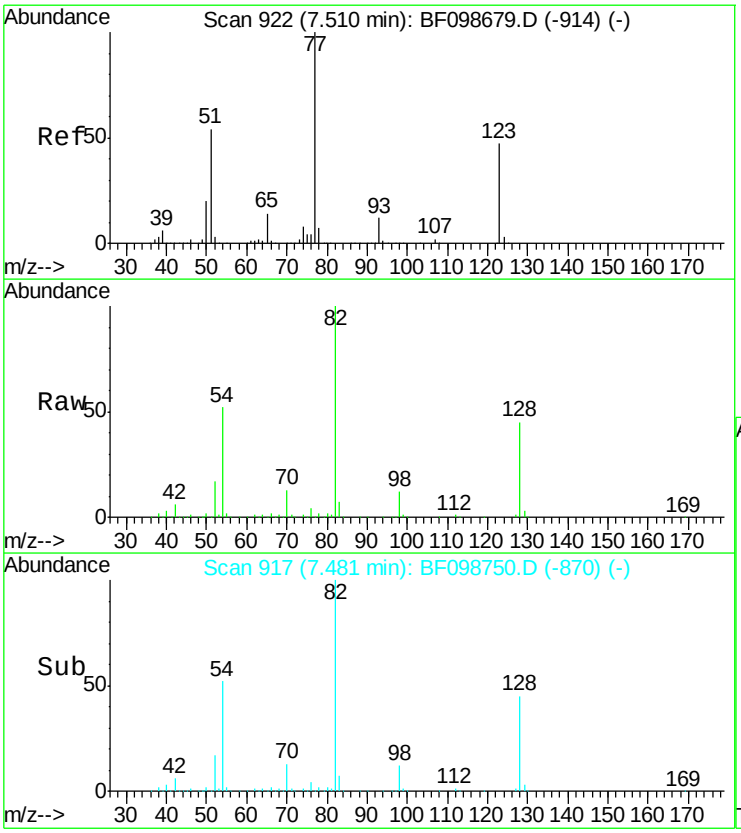
#23
Nitrobenzene-d5
Concen: 92.94 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 892513

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	49.3	41.4	62.2

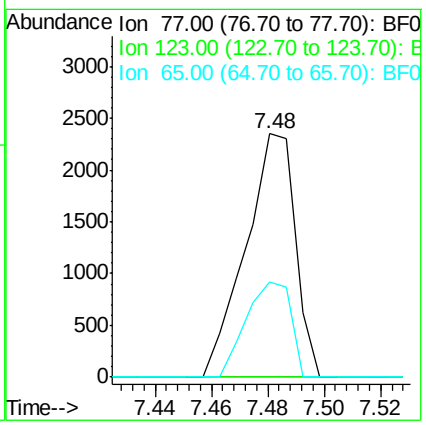


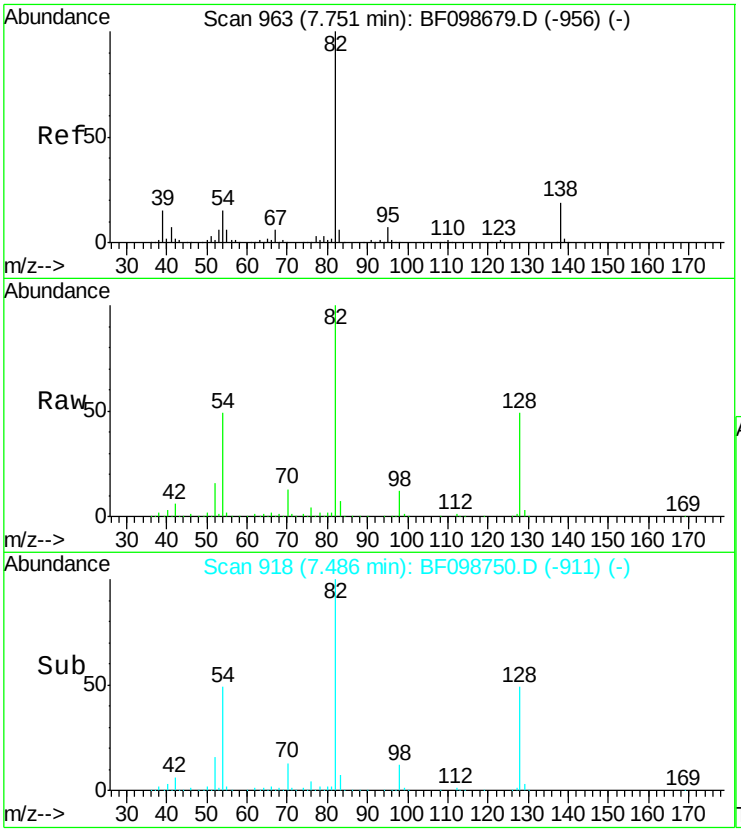


#24
Nitrobenzene
Concen: 0.26 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion: 77 Resp: 2863

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	38.8	11.0	16.4#



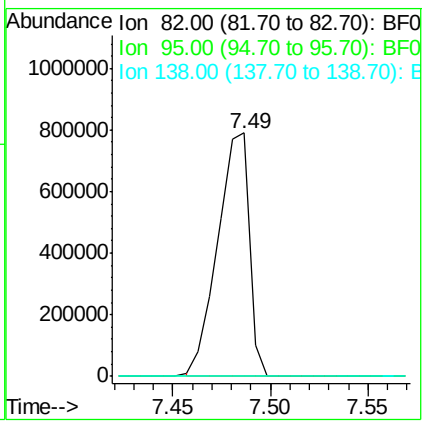


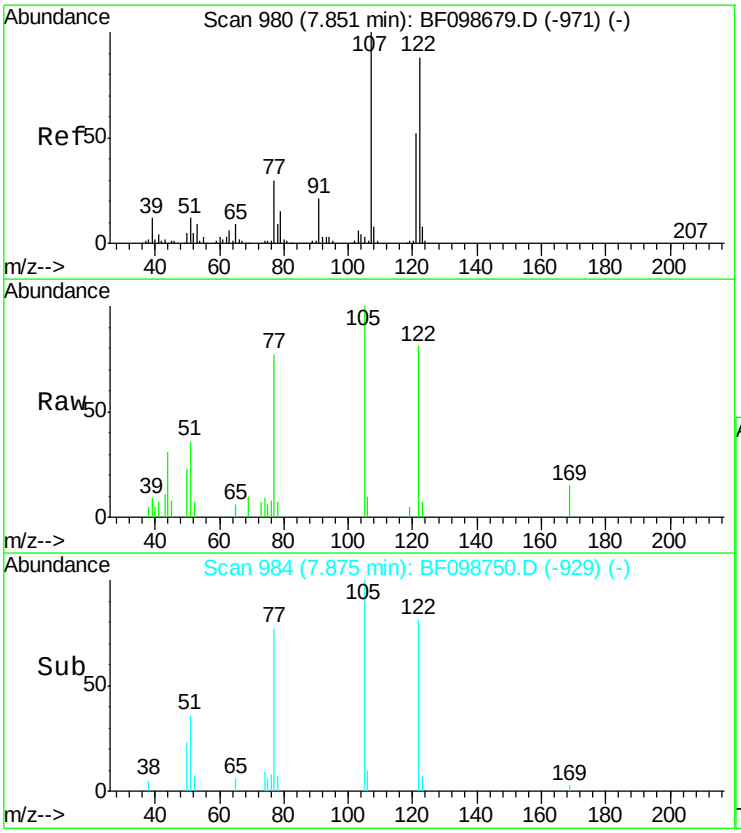
#25
Isophorone
Concen: 44.75 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 888403

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

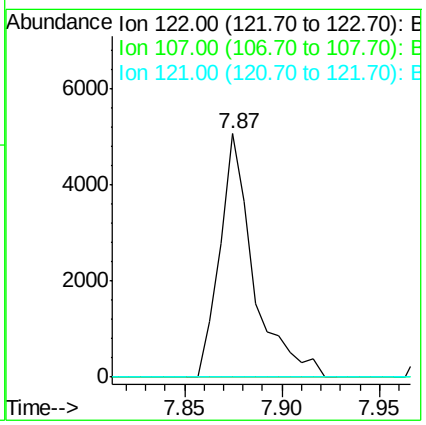


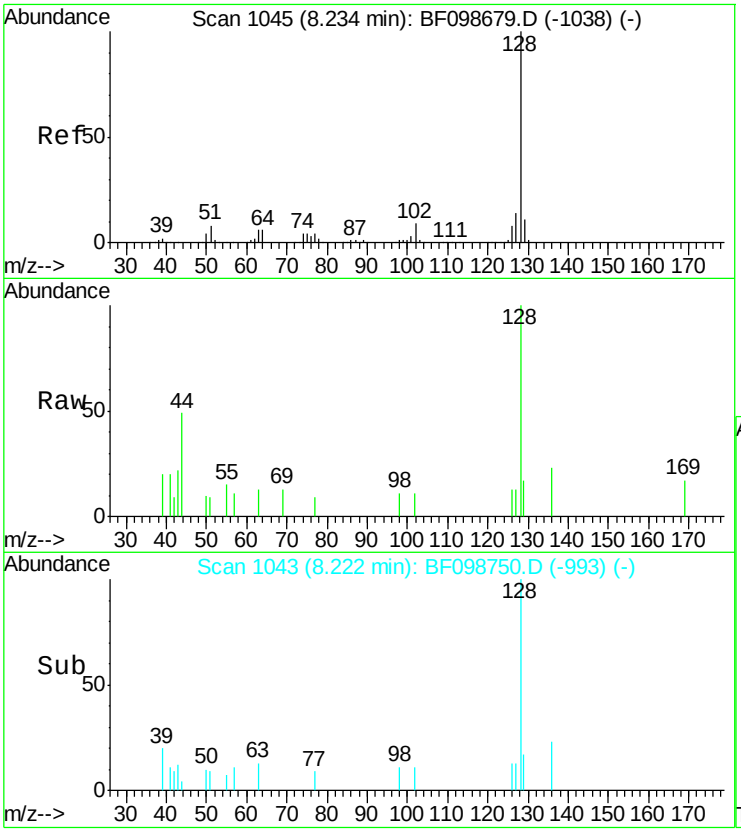


#27
2,4-Dimethylphenol
Concen: 0.61 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:122 Resp: 6048

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



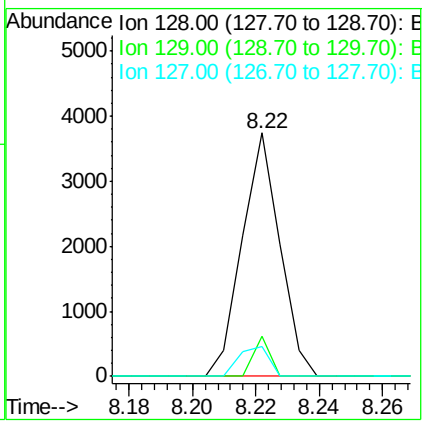


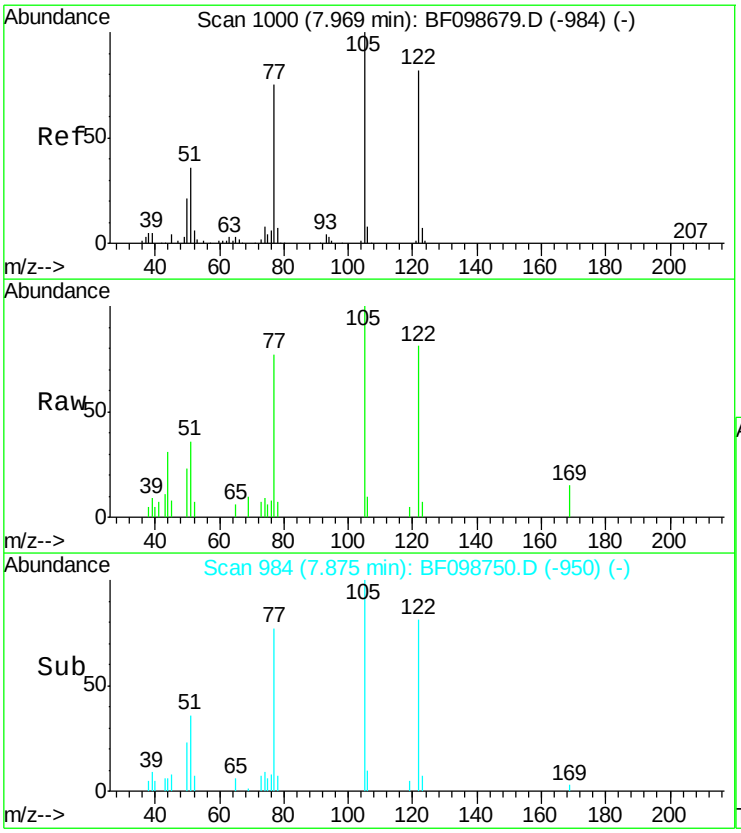
#31
Naphthalene
Concen: 0.11 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 3088

Ion	Ratio	Lower	Upper
128	100		
129	16.7	8.8	13.2#
127	12.5	10.9	16.3

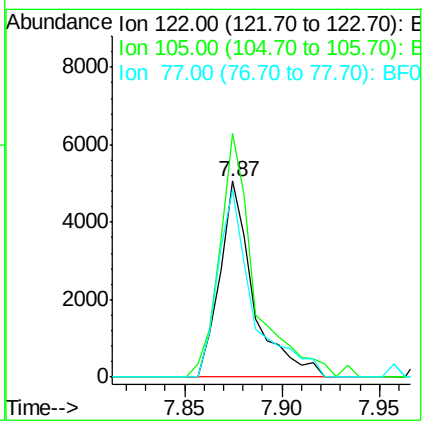


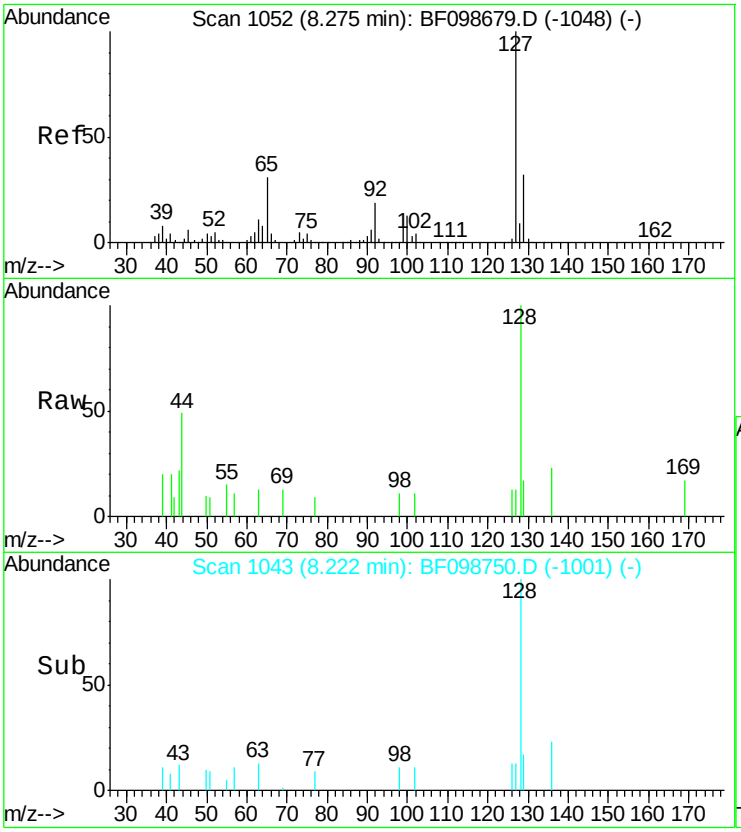


#32
Benzoic acid
Concen: 0.74 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.10 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:122 Resp: 6048

Ion	Ratio	Lower	Upper
122	100		
105	124.1	101.1	141.1
77	95.6	70.7	110.7



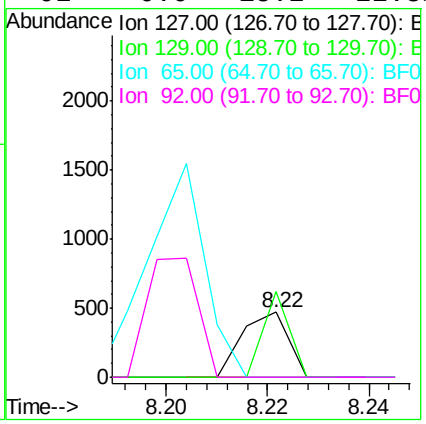


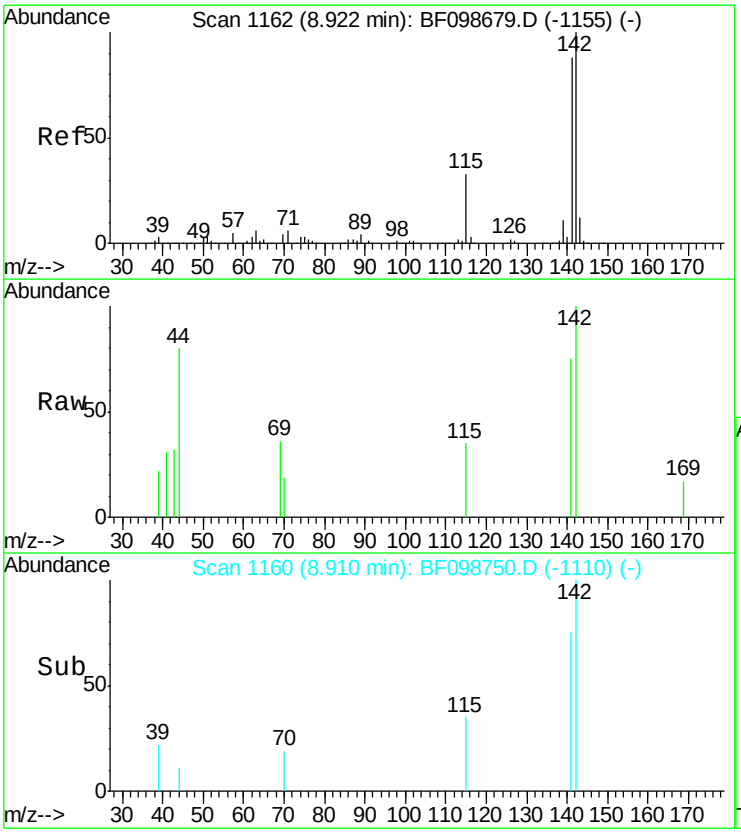
#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 298

Ion	Ratio	Lower	Upper
127	100		
129	133.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

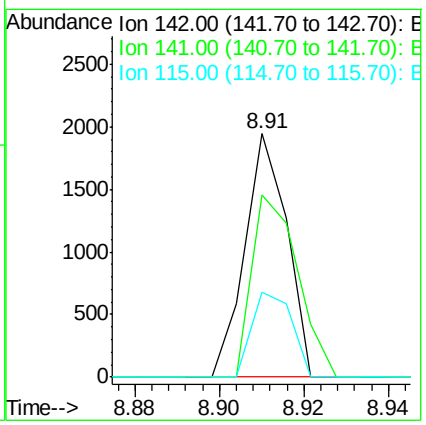


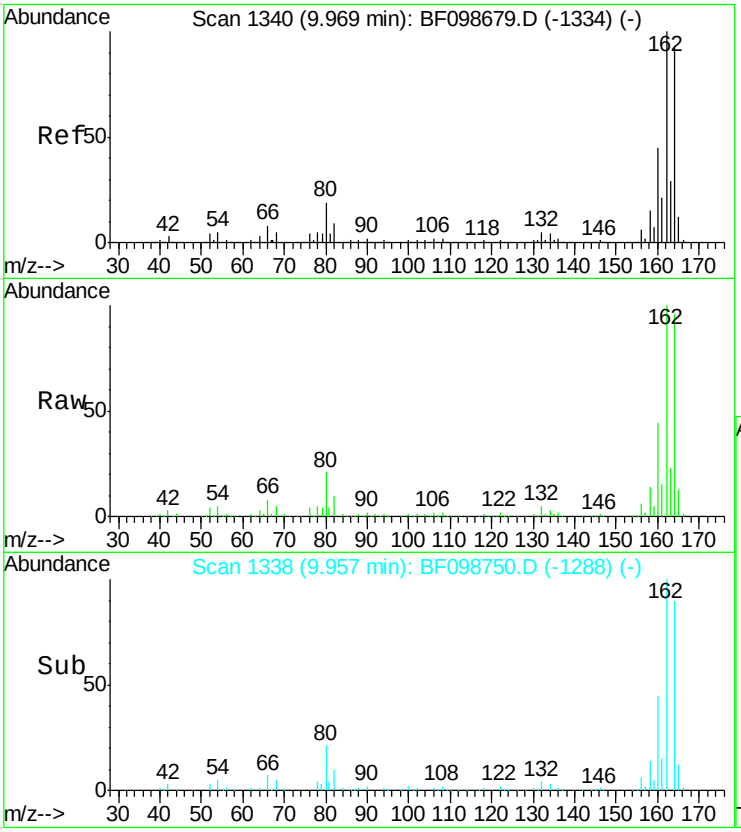


#37
2-Methylnaphthalene
Concen: 0.07 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:142 Resp: 1341

Ion	Ratio	Lower	Upper
142	100		
141	74.8	70.8	106.2
115	35.0	26.1	39.1



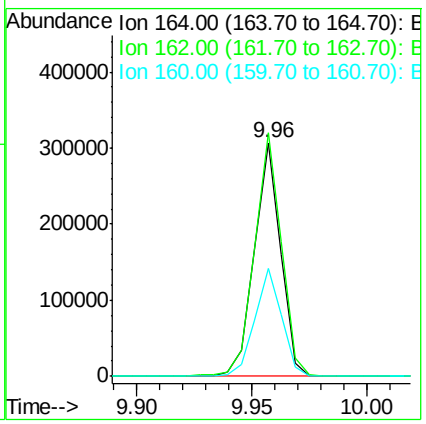


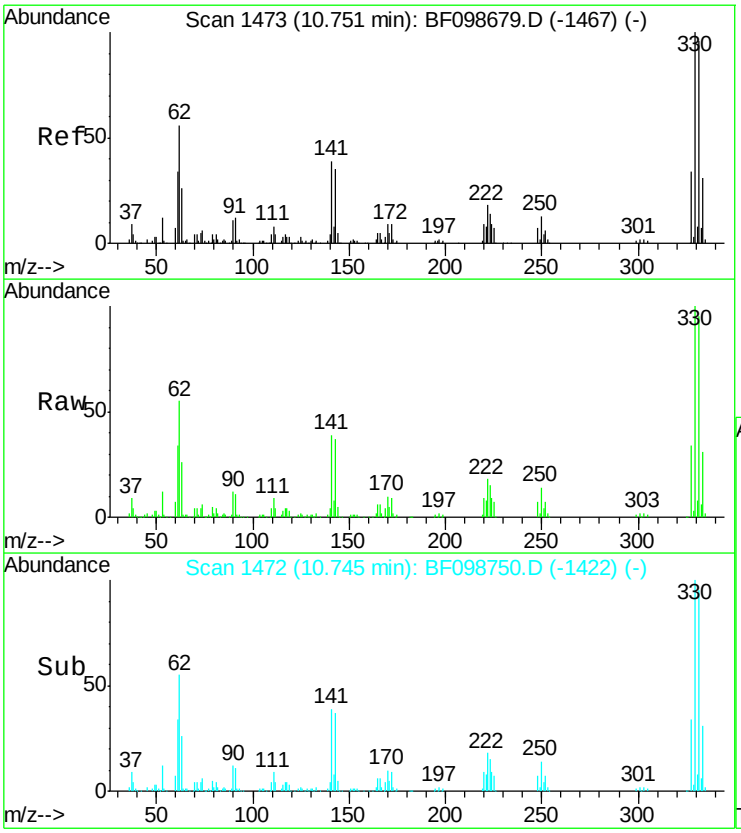
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 243956

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.2	38.3	57.5

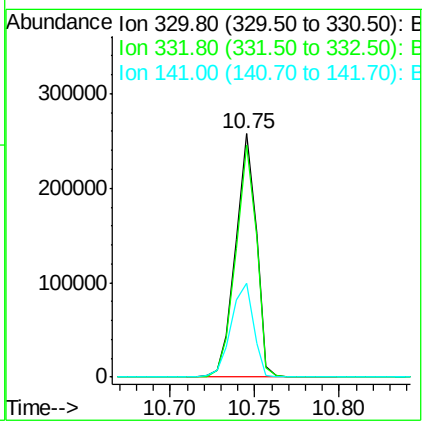


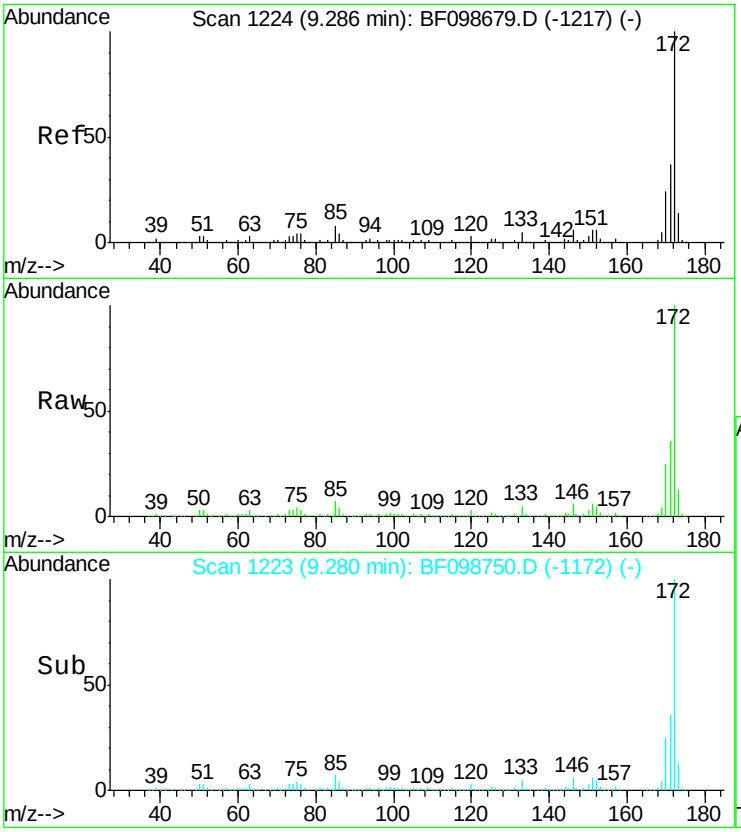


#41
2,4,6-Tribromophenol
Concen: 110.23 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:330 Resp: 220045

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	42.0	29.9	44.9



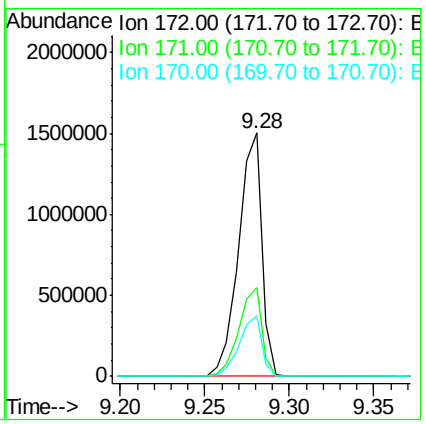


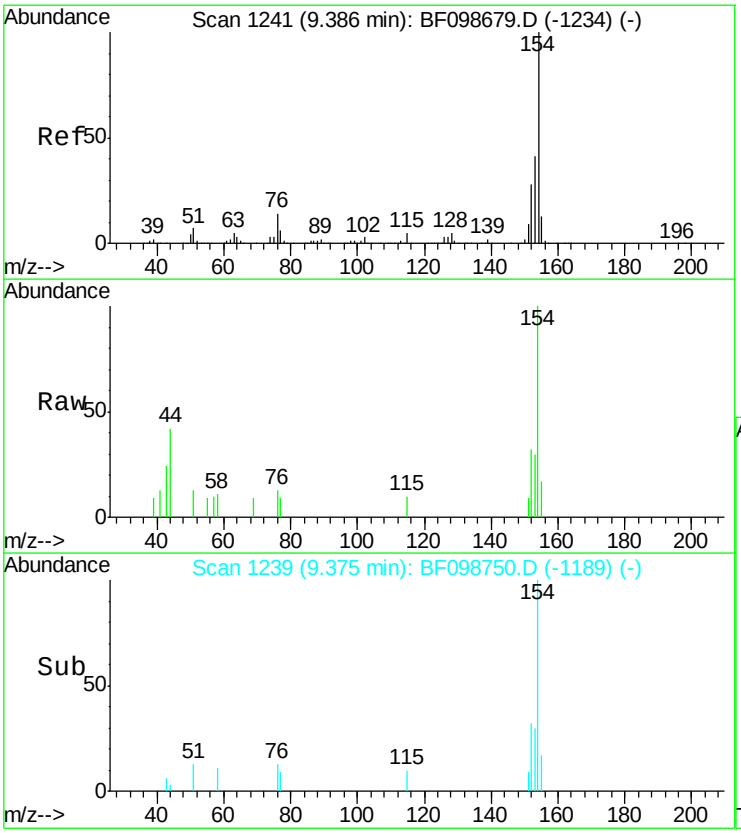
#44
2-Fluorobiphenyl
Concen: 98.71 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1442451

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

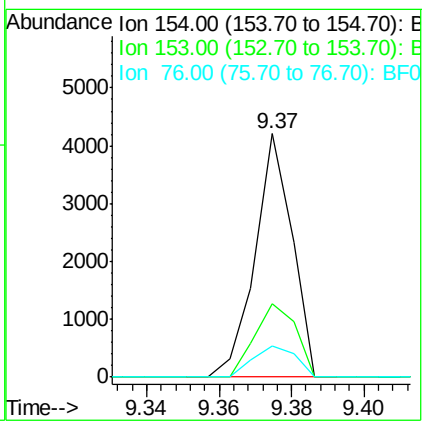


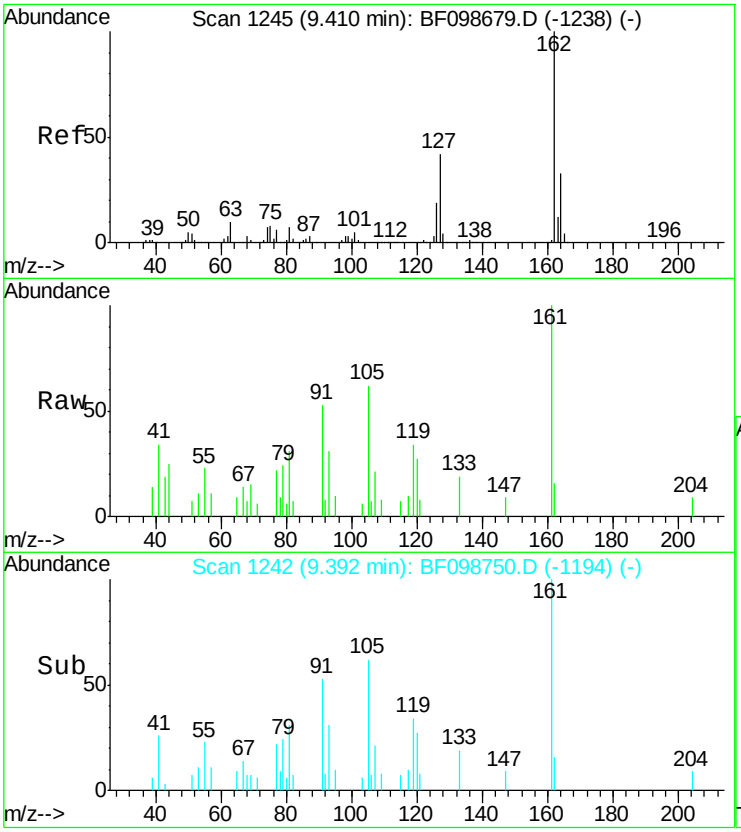


#45
1,1'-Biphenyl
Concen: 0.14 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:154 Resp: 2962

Ion	Ratio	Lower	Upper
154	100		
153	30.3	21.3	61.3
76	13.0	0.0	34.0



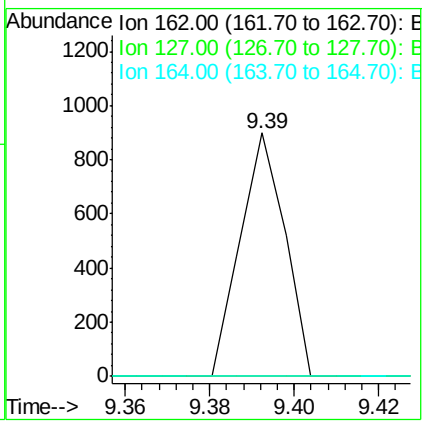


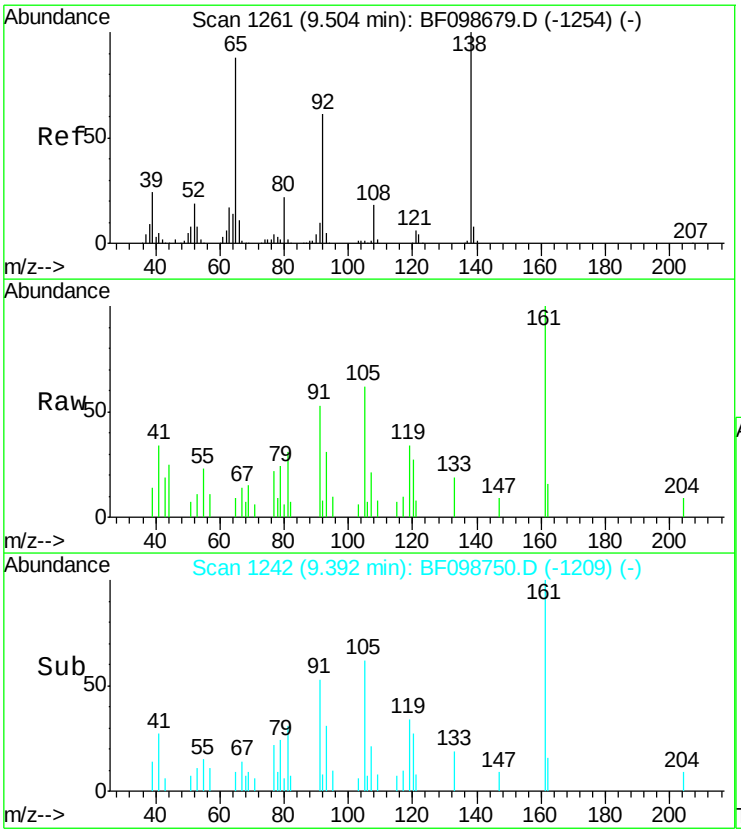
#46
2-Chloronaphthalene
Concen: 0.04 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 657

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

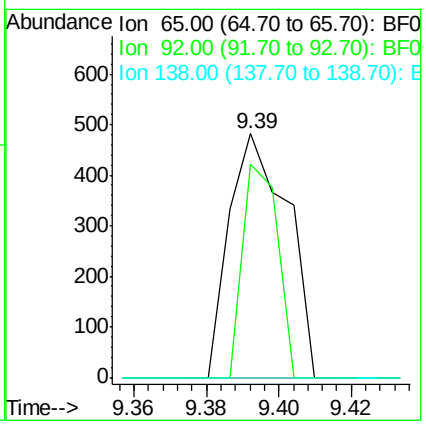


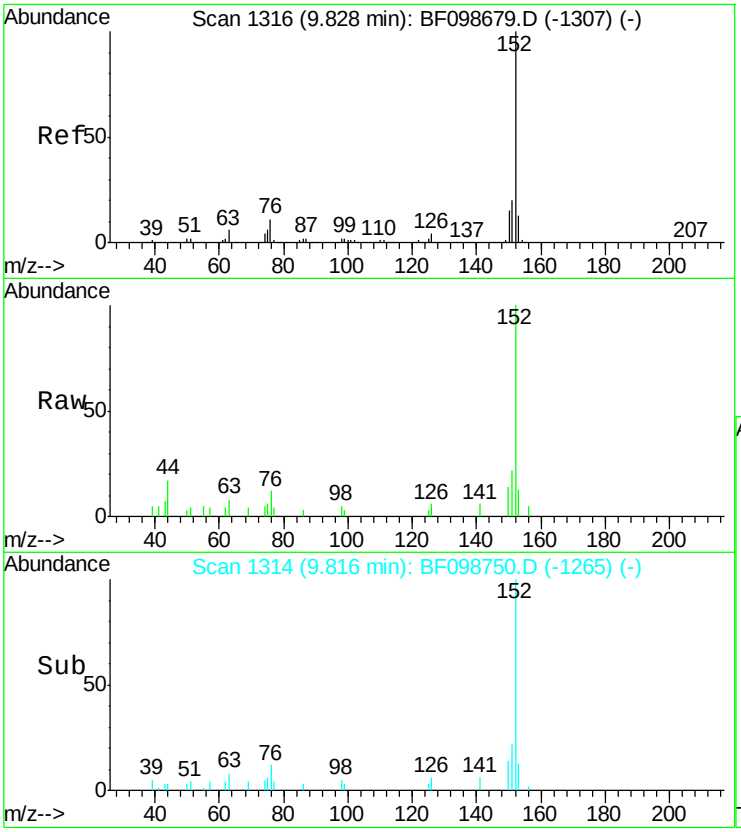


#47
2-Nitroaniline
Concen: 0.11 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.11 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion: 65 Resp: 536

Ion	Ratio	Lower	Upper
65	100		
92	87.8	55.8	83.6#
138	0.0	91.2	136.8#



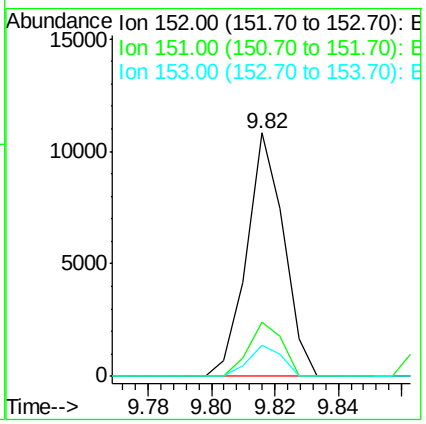


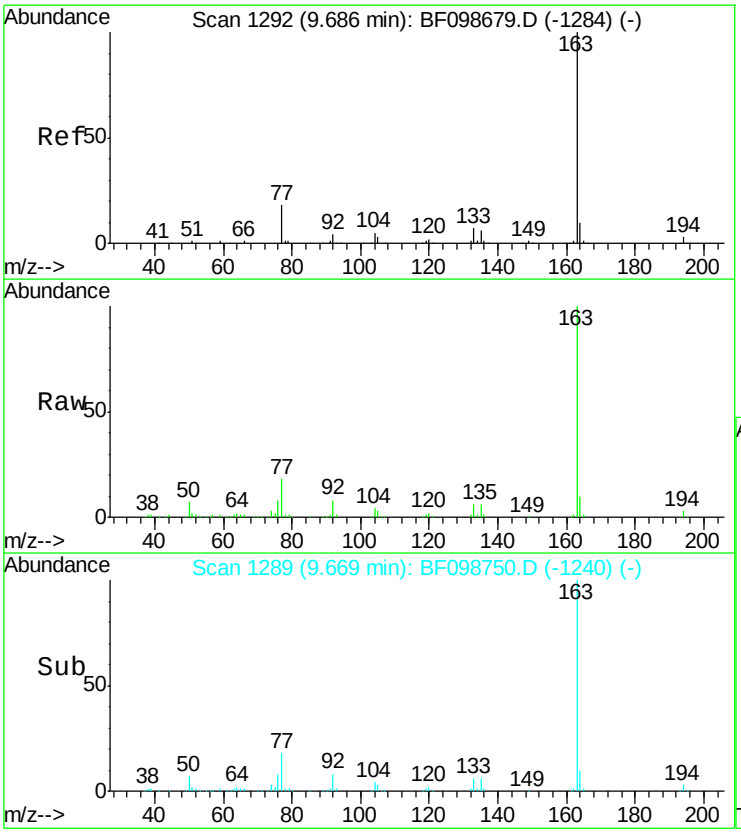
#48
Acenaphthylene
Concen: 0.36 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 8760

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	12.9	10.7	16.1

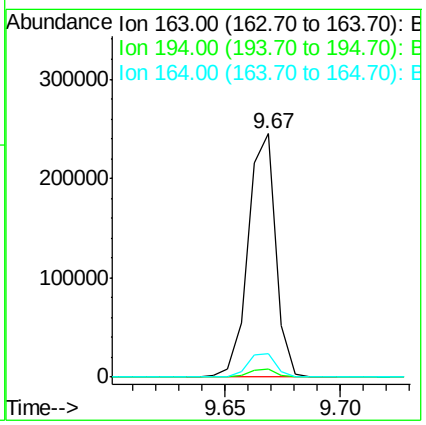


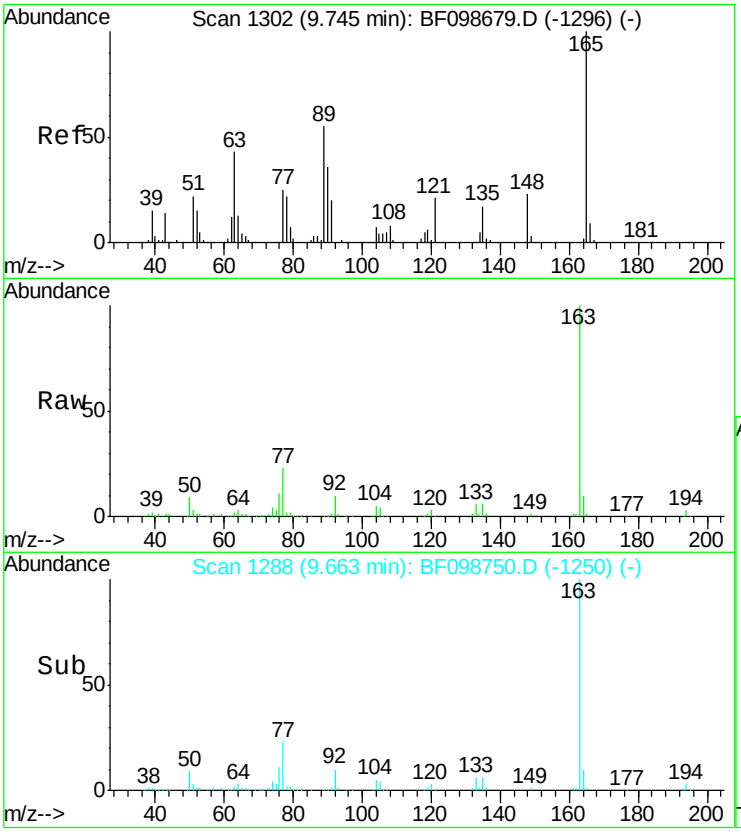


#49
Dimethylphthalate
Concen: 11.12 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:163 Resp: 204681

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2



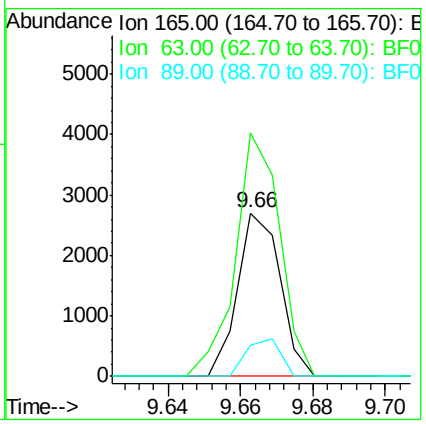


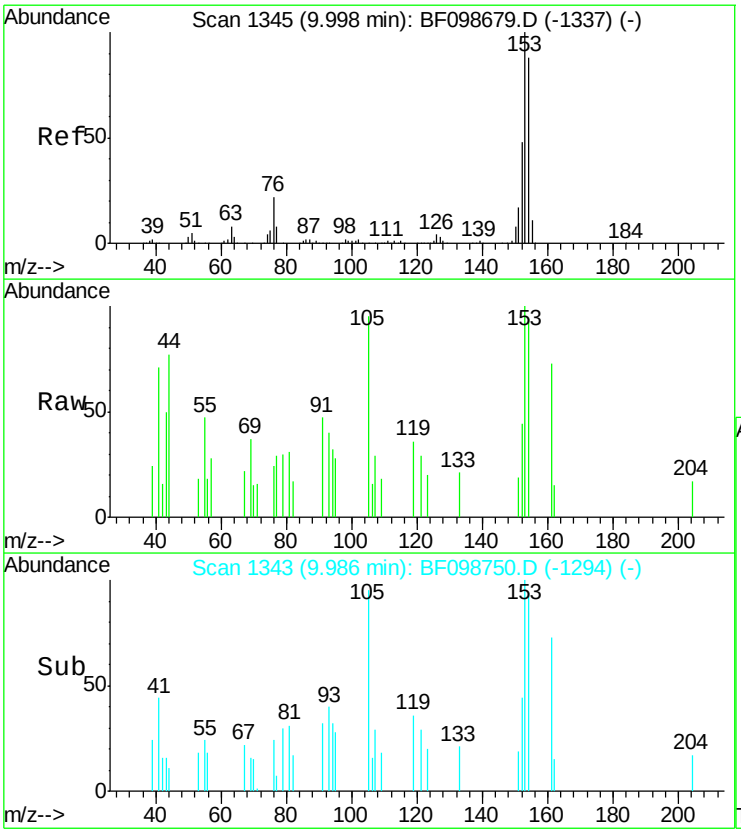
#50
2,6-Dinitrotoluene
Concen: 0.55 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.08 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2199

Ion	Ratio	Lower	Upper
165	100		
63	149.0	44.7	67.1#
89	18.9	44.0	66.0#

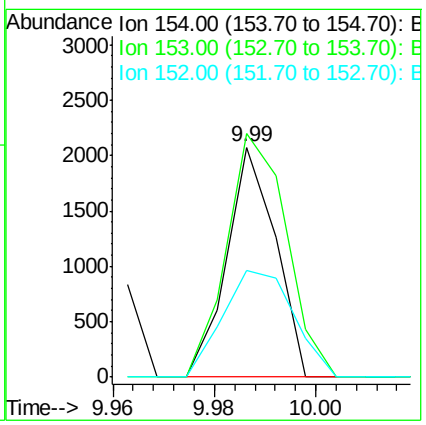


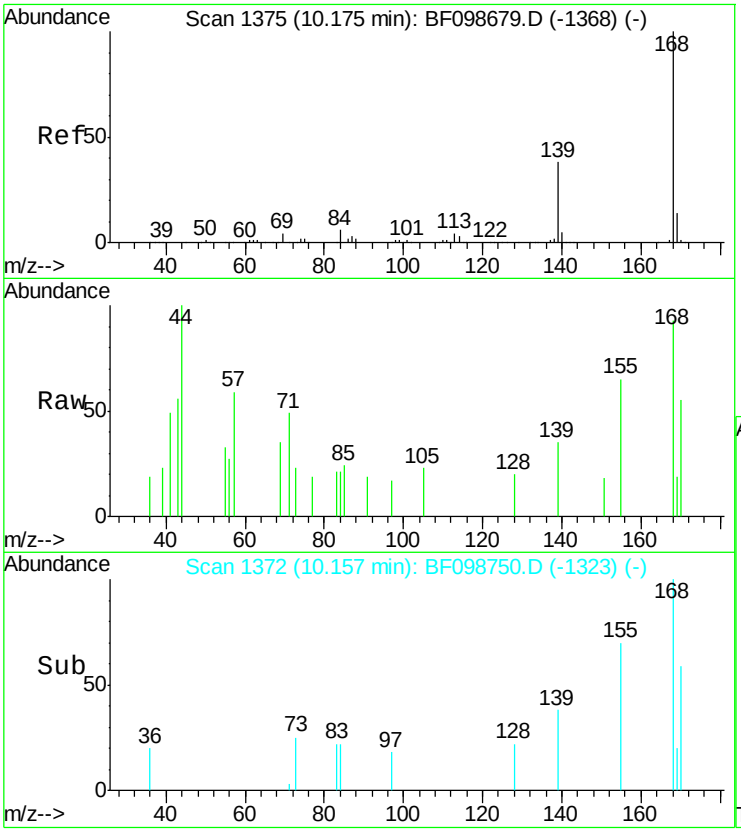


#51
Acenaphthene
Concen: 0.09 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:154 Resp: 1394

Ion	Ratio	Lower	Upper
154	100		
153	106.0	91.2	136.8
152	46.6	43.8	65.8



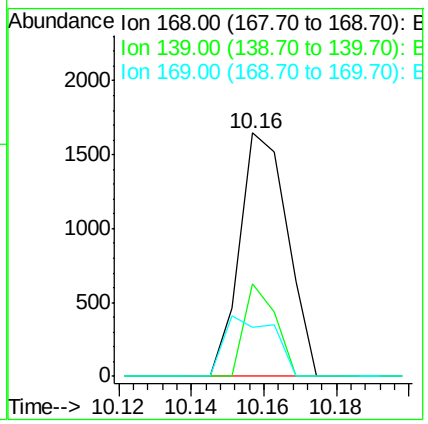


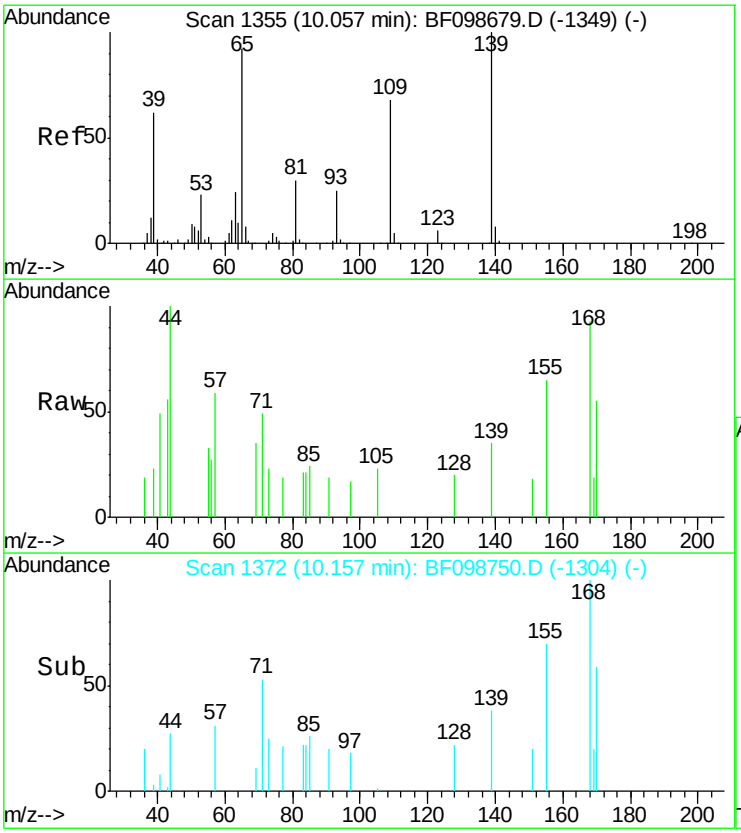
#54
Dibenzofuran
Concen: 0.07 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1507

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	20.2	10.9	16.3#

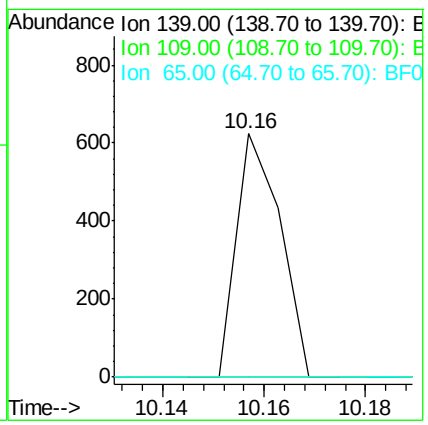


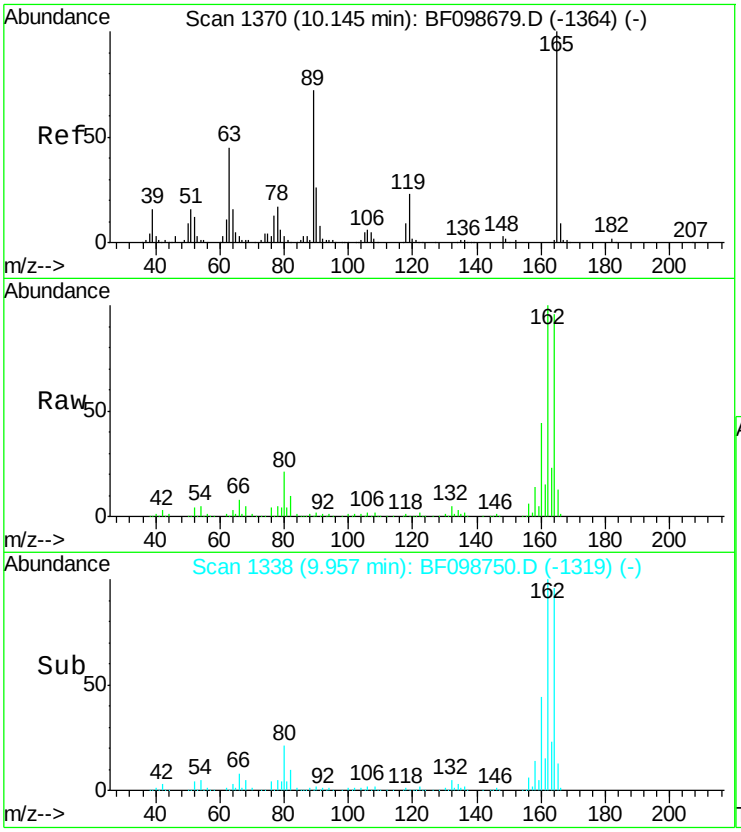


#55
4-Nitrophenol
Concen: 0.09 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.10 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:139 Resp: 373

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



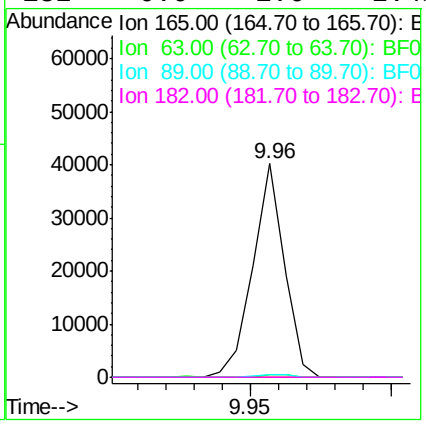


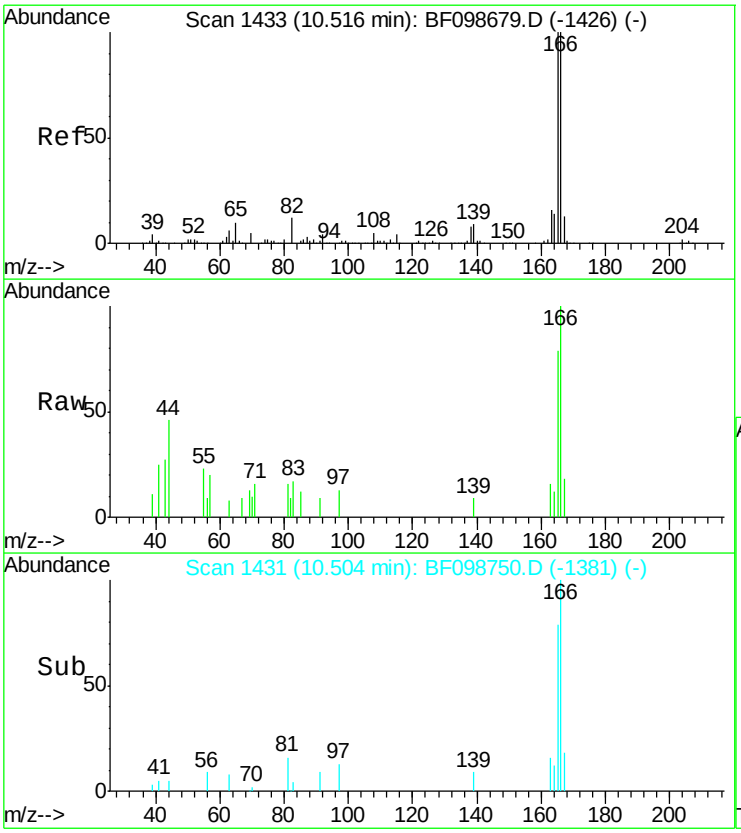
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31277

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

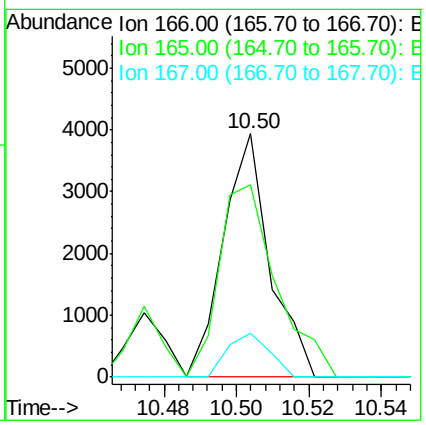


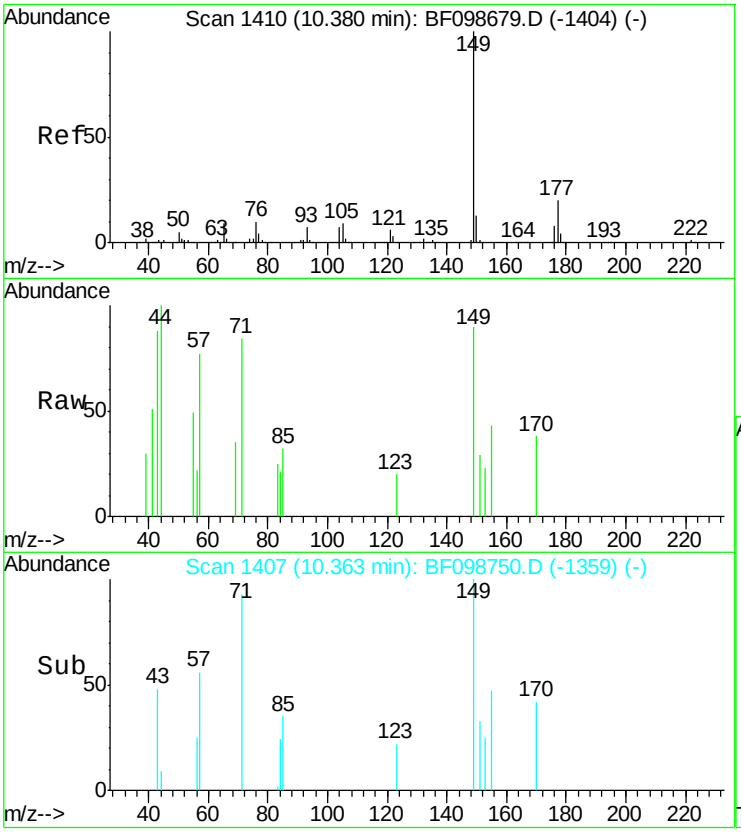


#57
Fluorene
Concen: 0.22 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:166 Resp: 3517

Ion	Ratio	Lower	Upper
166	100		
165	78.9	79.8	119.8#
167	18.0	10.6	16.0#



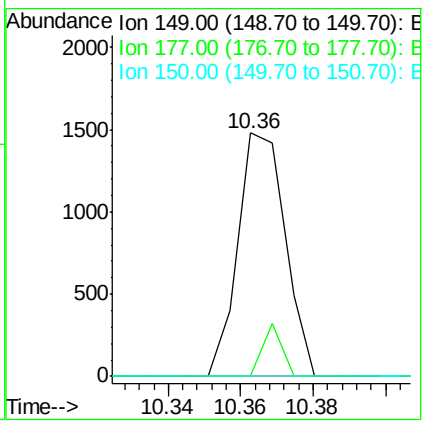


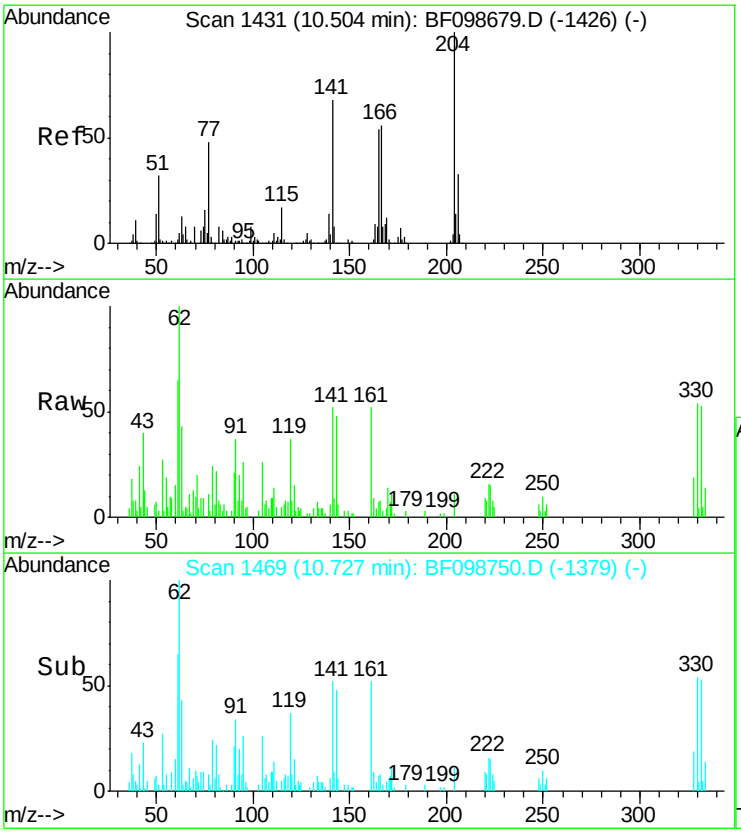
#59
Diethylphthalate
Concen: 0.07 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1337

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

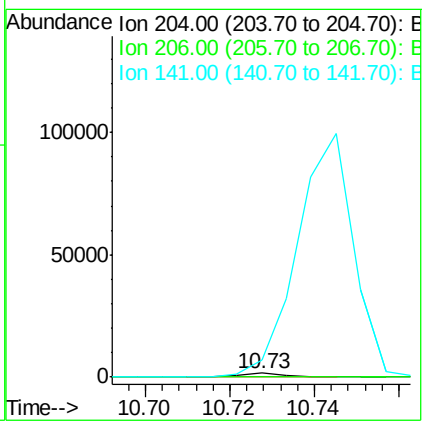


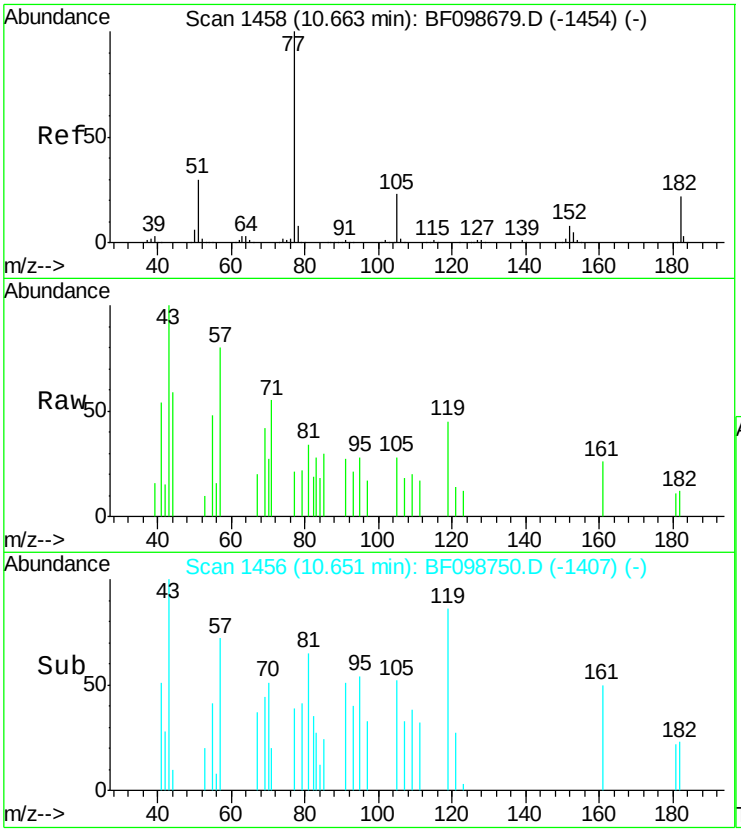


#60
4-Chlorophenyl-phenylether
Concen: 0.14 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.23 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:204 Resp: 1030

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	473.3	54.6	81.8#



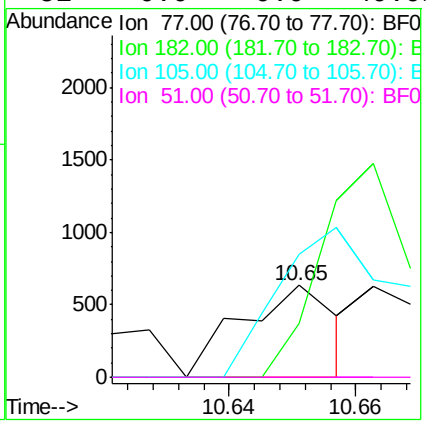


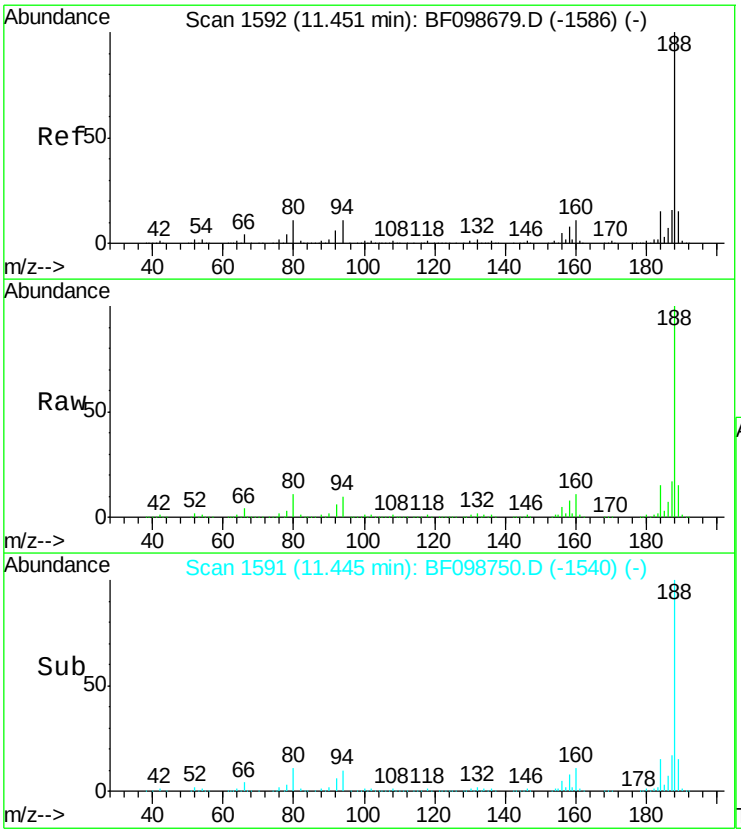
#62
Azobenzene
Concen: 0.04 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 656

Ion	Ratio	Lower	Upper
77	100		
182	58.7	1.7	41.7#
105	133.4	3.0	43.0#
51	0.0	9.9	49.9#

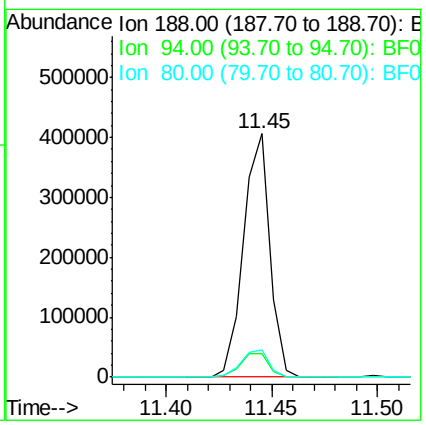


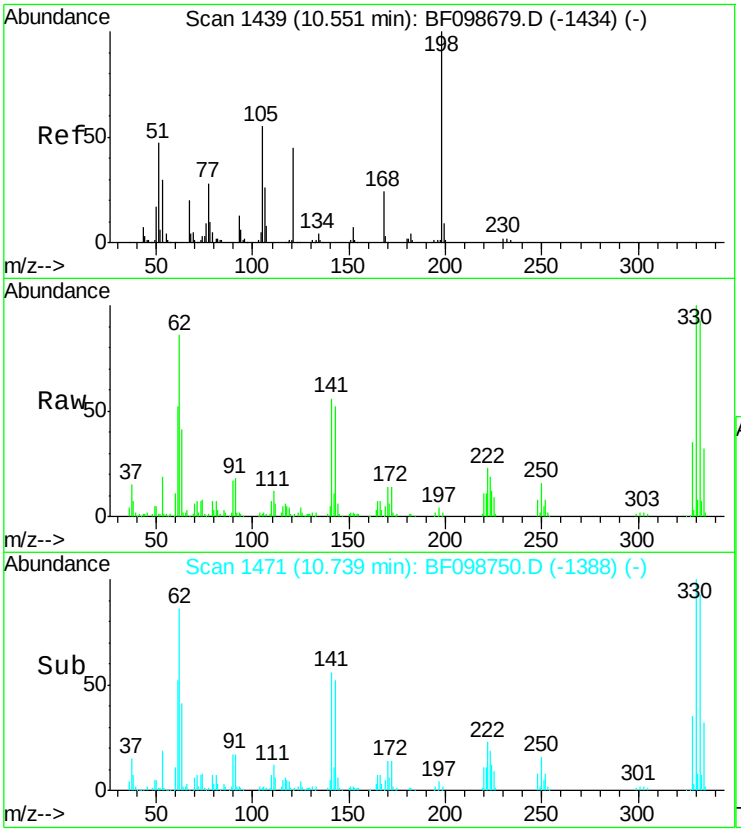


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:188 Resp: 351030

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	11.3	9.2	13.8



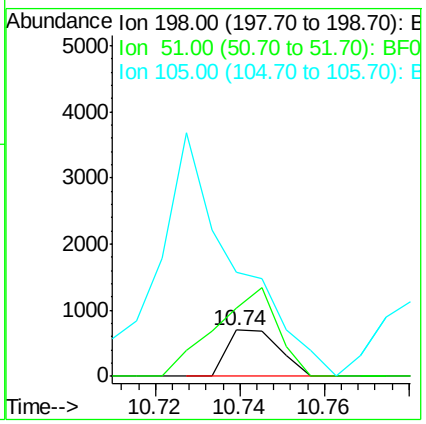


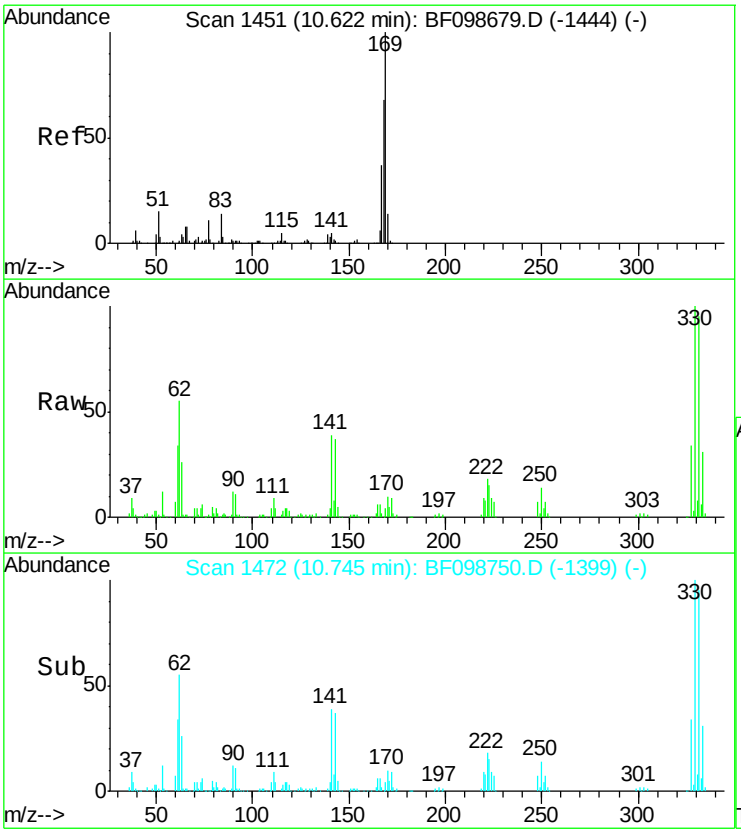
#64
4,6-Dinitro-2-methylphenol
Concen: 0.28 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.19 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 601

Ion	Ratio	Lower	Upper
198	100		
51	147.7	37.7	77.7#
105	227.7	36.3	76.3#

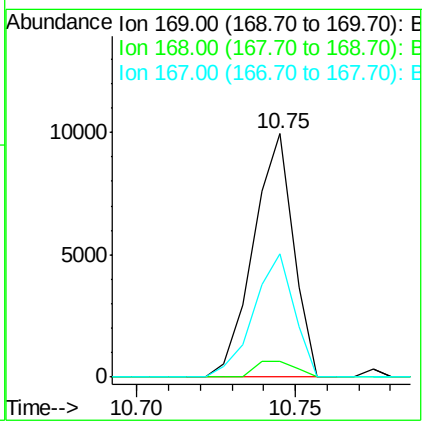


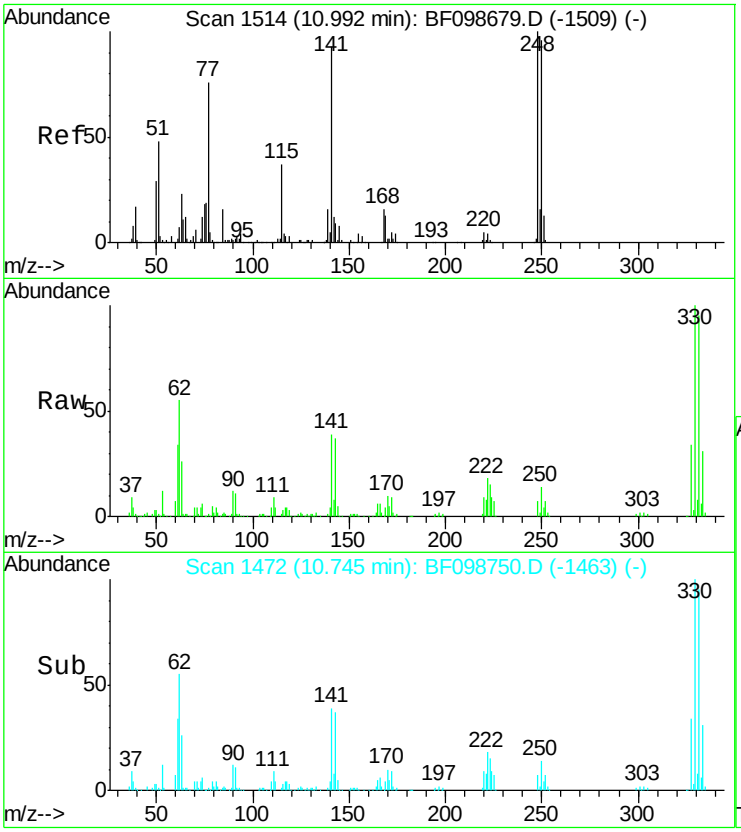


#65
n-Nitrosodiphenylamine
Concen: 0.72 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.13 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:169 Resp: 8736

Ion	Ratio	Lower	Upper
169	100		
168	6.3	54.4	81.6#
167	50.8	29.8	44.6#



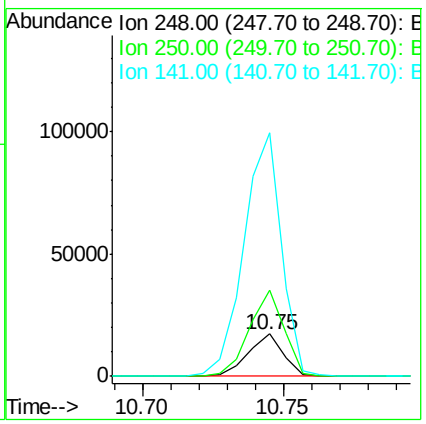


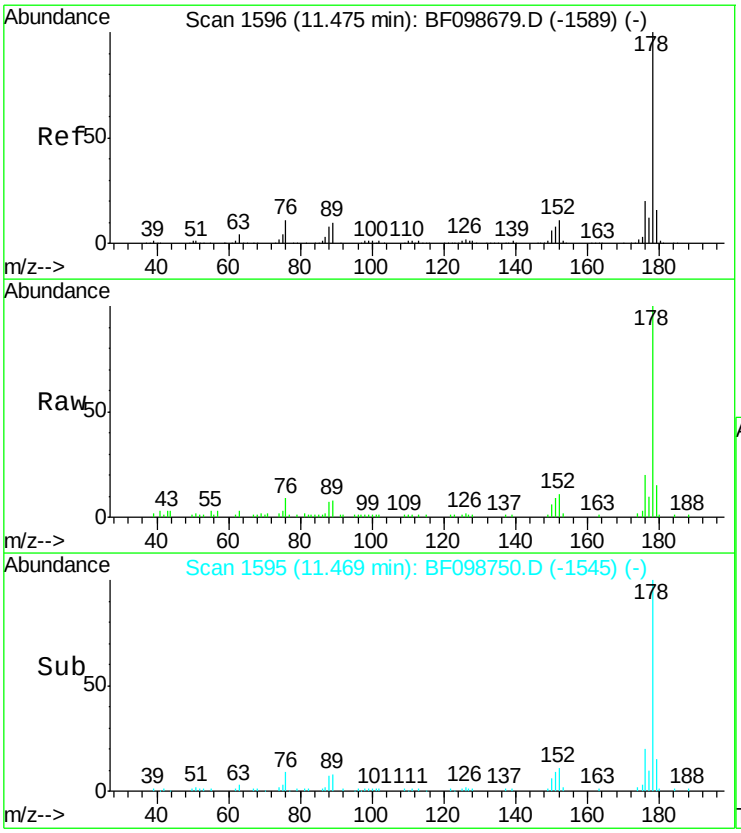
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15082

Ion	Ratio	Lower	Upper
248	100		
250	203.4	76.9	115.3#
141	575.2	74.4	111.6#

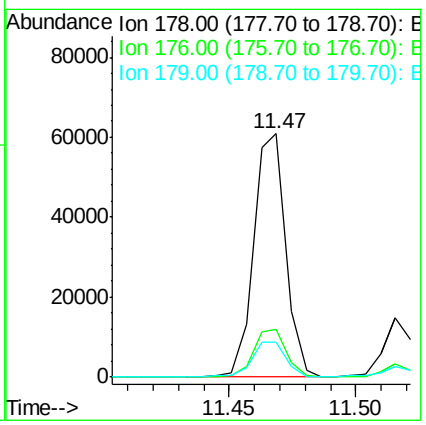


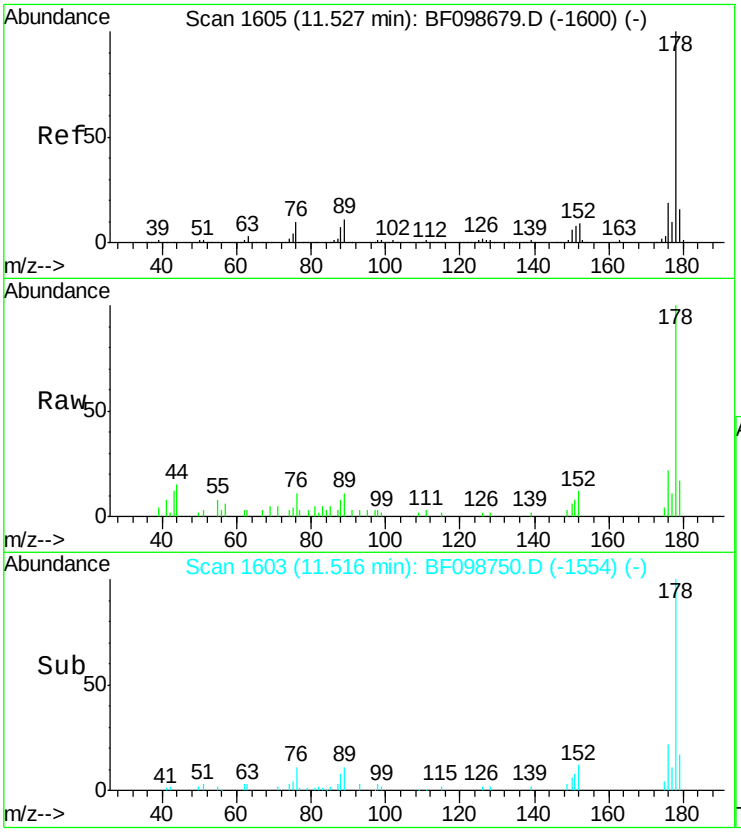


#70
Phenanthrene
Concen: 2.83 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:178 Resp: 53264

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	14.6	13.0	19.6



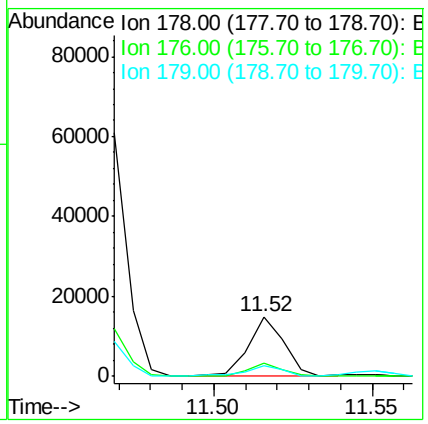


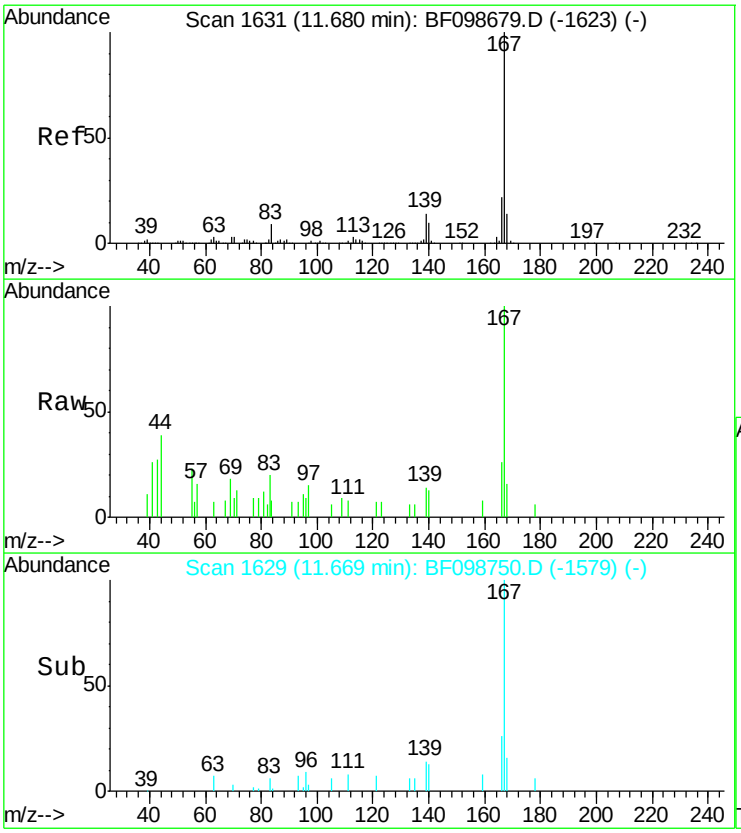
#71
Anthracene
Concen: 0.61 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 11806

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.4	23.2
179	16.9	12.6	19.0

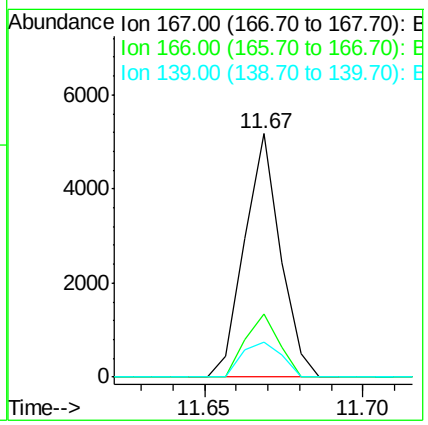


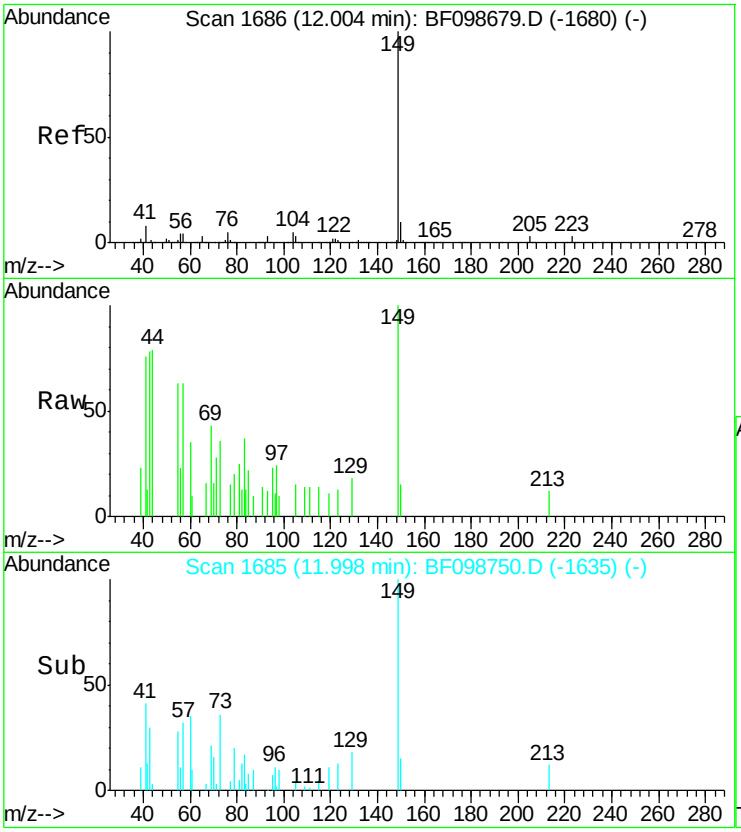


#72
Carbazole
Concen: 0.22 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:167 Resp: 4057

Ion	Ratio	Lower	Upper
167	100		
166	26.1	17.6	26.4
139	14.2	10.9	16.3



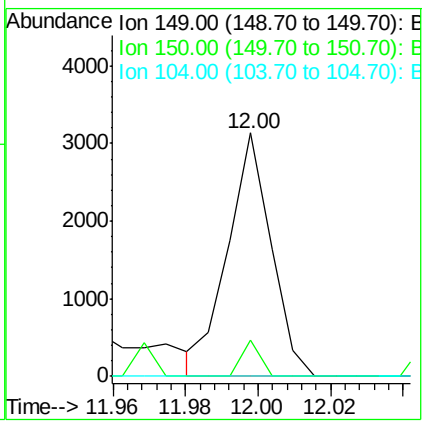


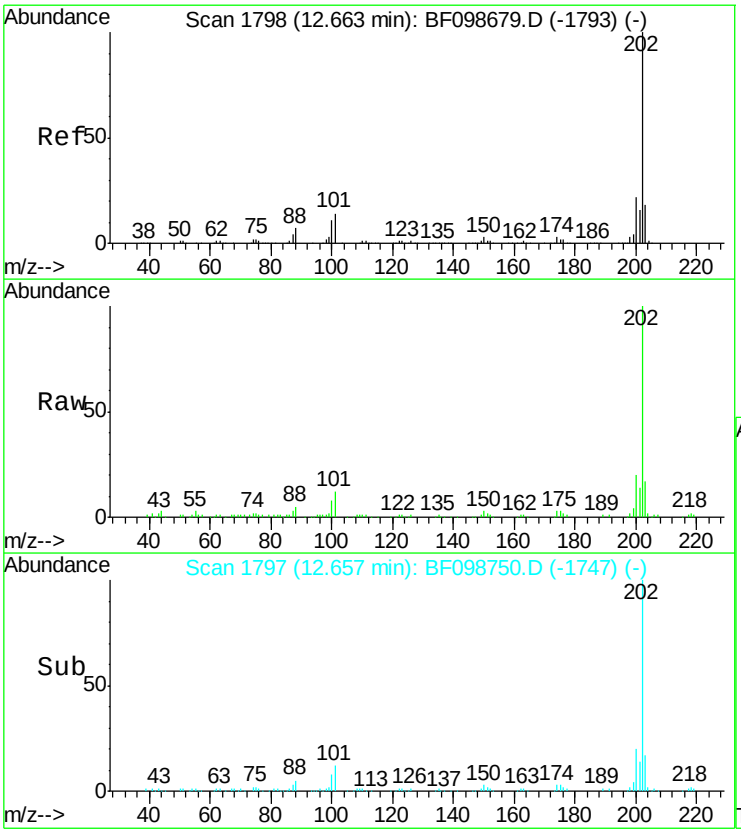
#73
Di-n-butylphthalate
Concen: 0.12 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2622

Ion	Ratio	Lower	Upper
149	100		
150	14.9	7.8	11.6#
104	0.0	3.8	5.8#

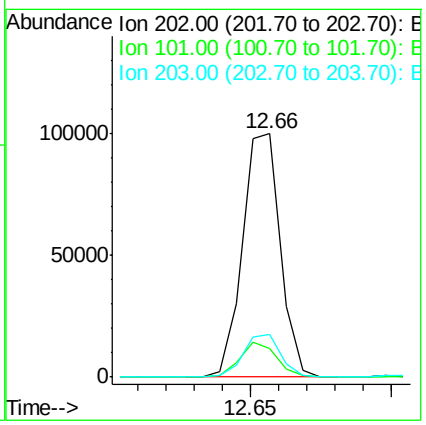


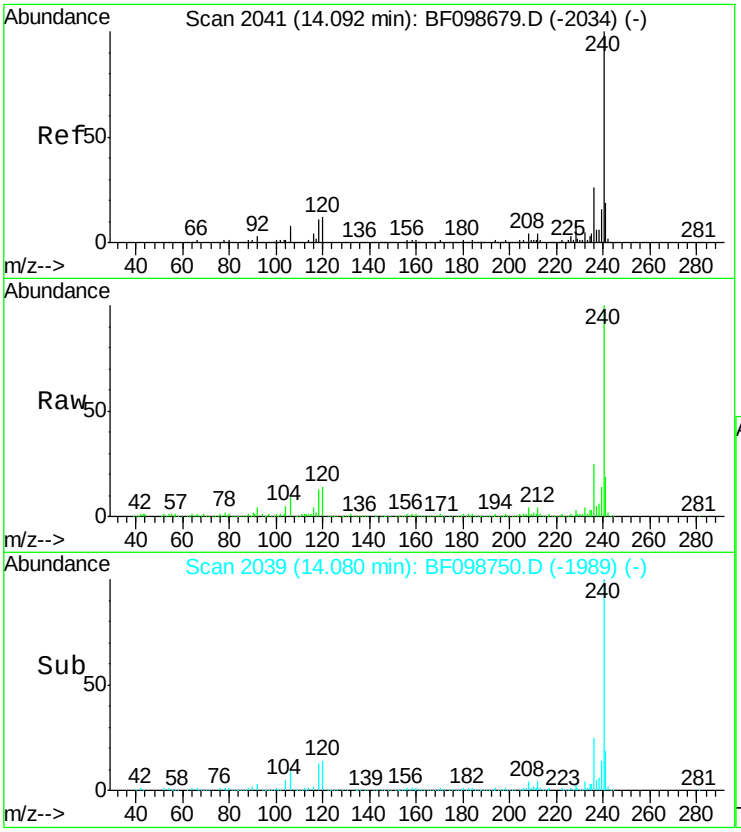


#74
Fluoranthene
Concen: 4.86 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:202 Resp: 92514

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.3	0.0	38.1



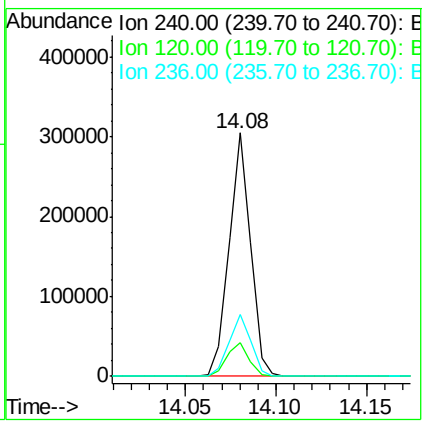


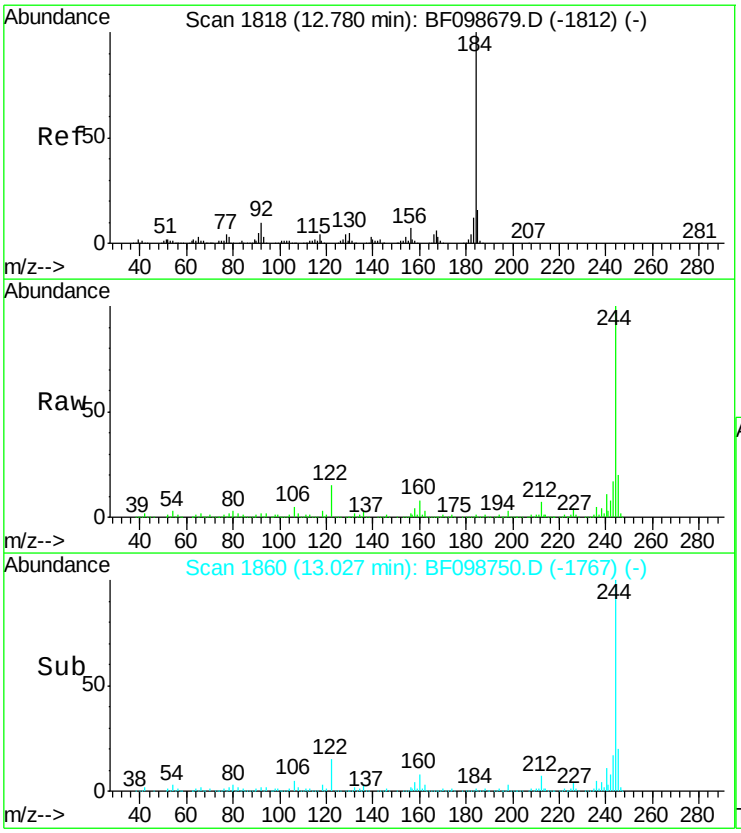
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 253019

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.4	20.7	31.1

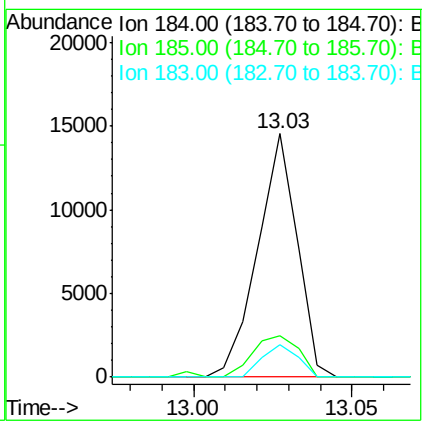


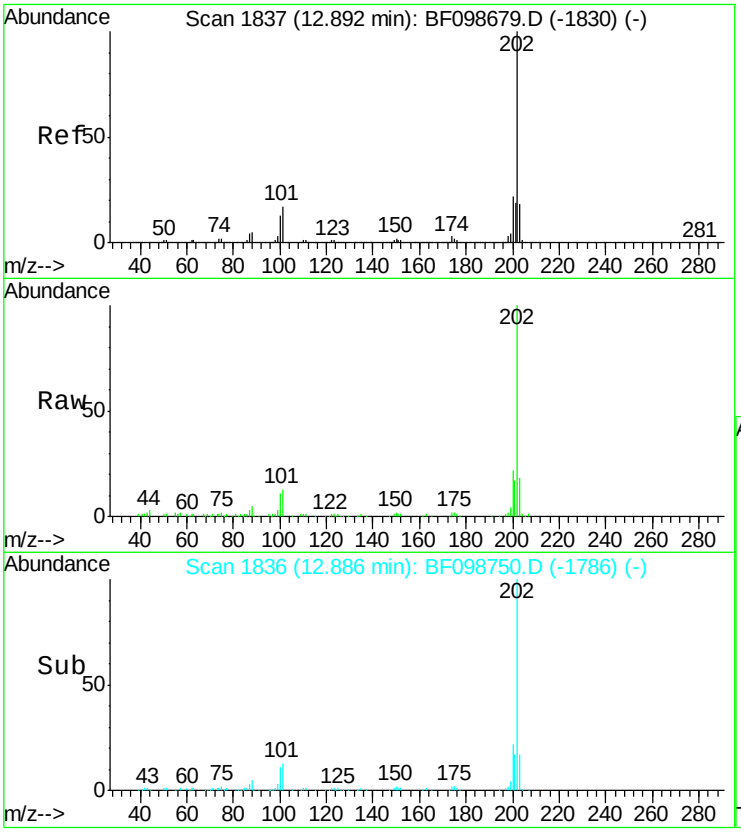


#76
Benzidine
Concen: 1.35 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.25 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:184 Resp: 12604

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.6	18.8
183	13.4	9.3	13.9



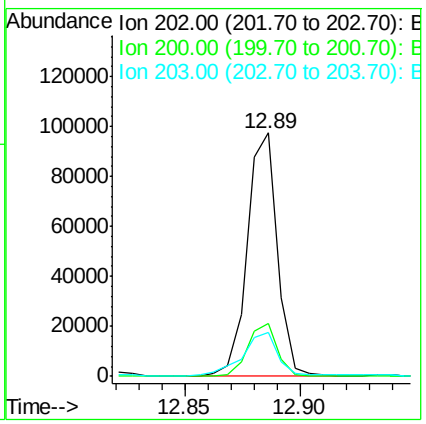


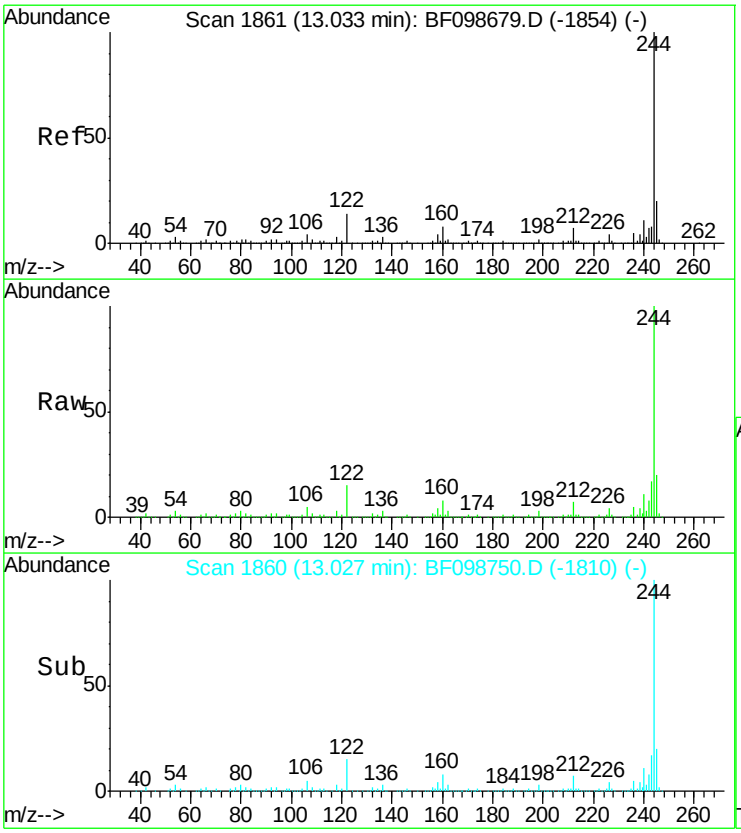
#77
Pyrene
Concen: 4.61 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 88877

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

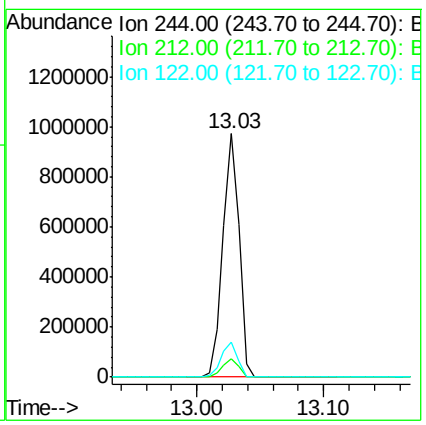


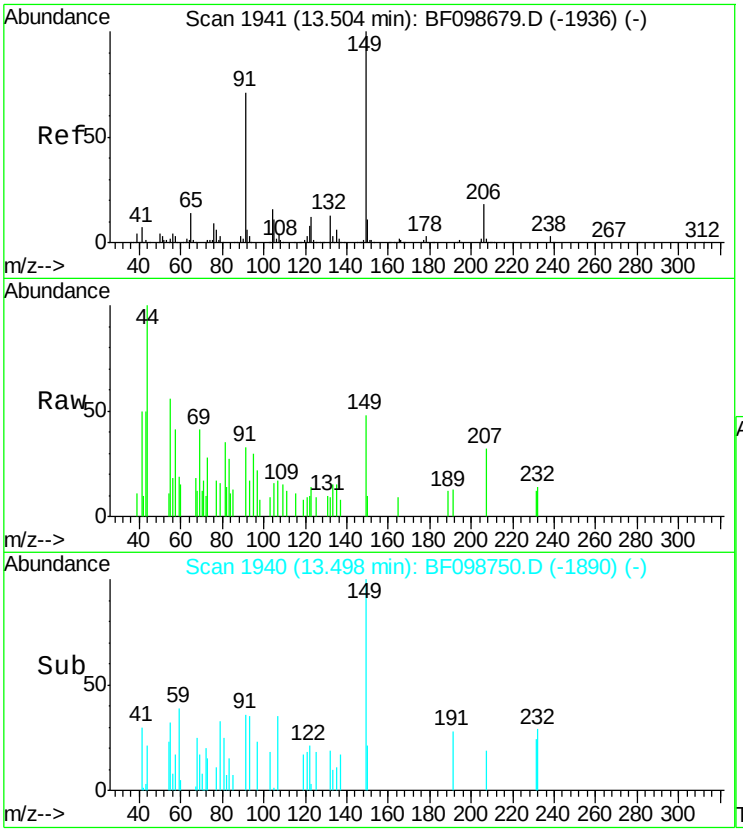


#78
Terphenyl-d14
Concen: 78.21 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:244 Resp: 870161

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.6	11.0	16.4



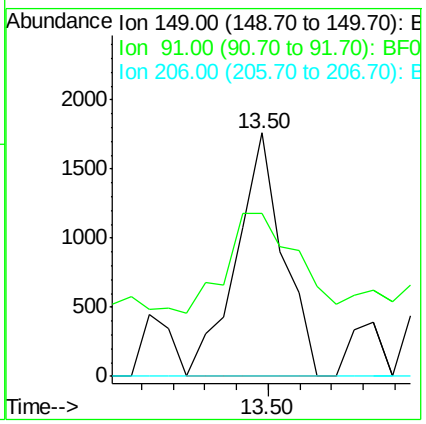


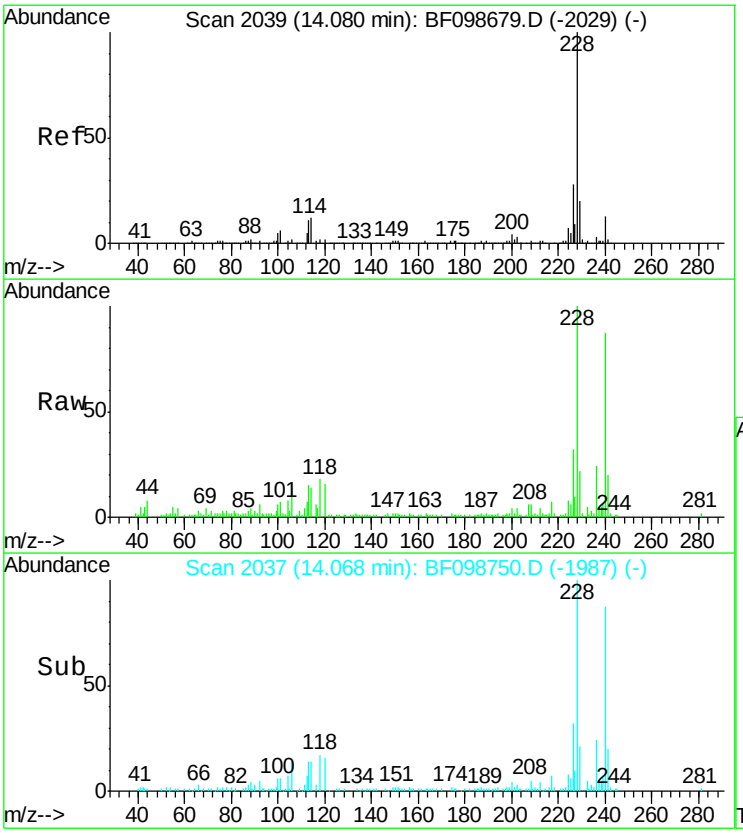
#79
Butylbenzylphthalate
Concen: 0.20 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1794

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	0.0	14.1	21.1#

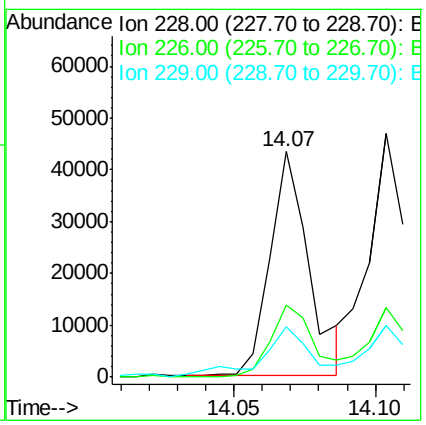


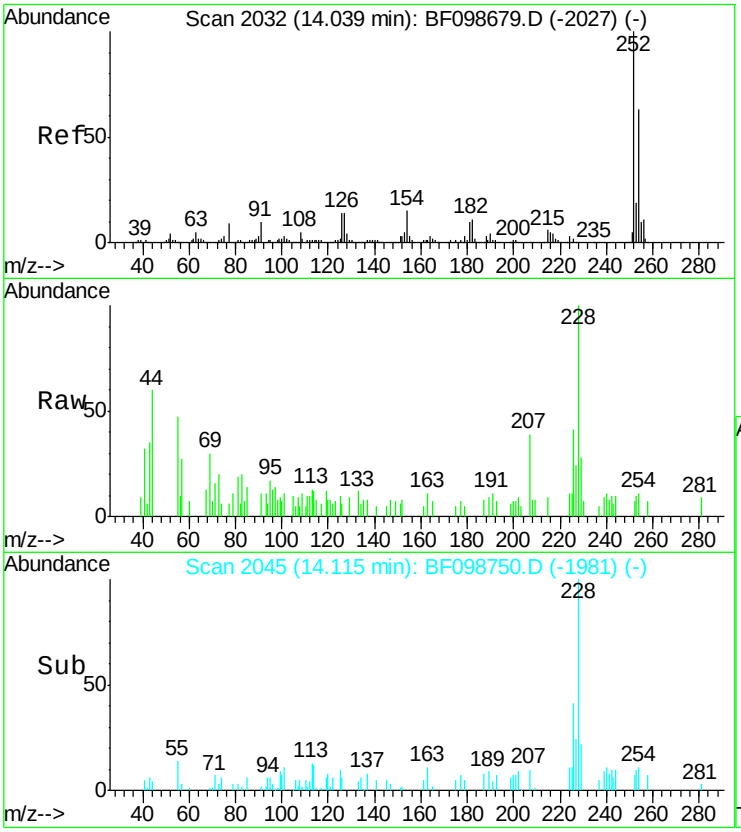


#80
Benzo(a)anthracene
Concen: 2.69 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:228 Resp: 41183

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.0	15.8	23.6



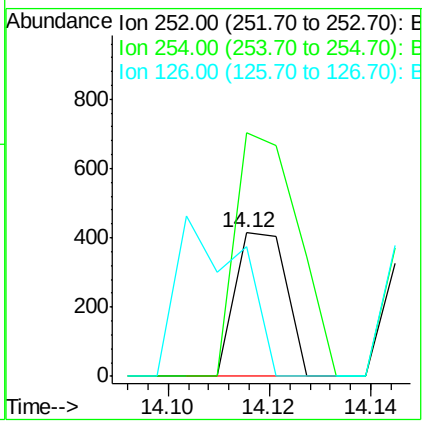


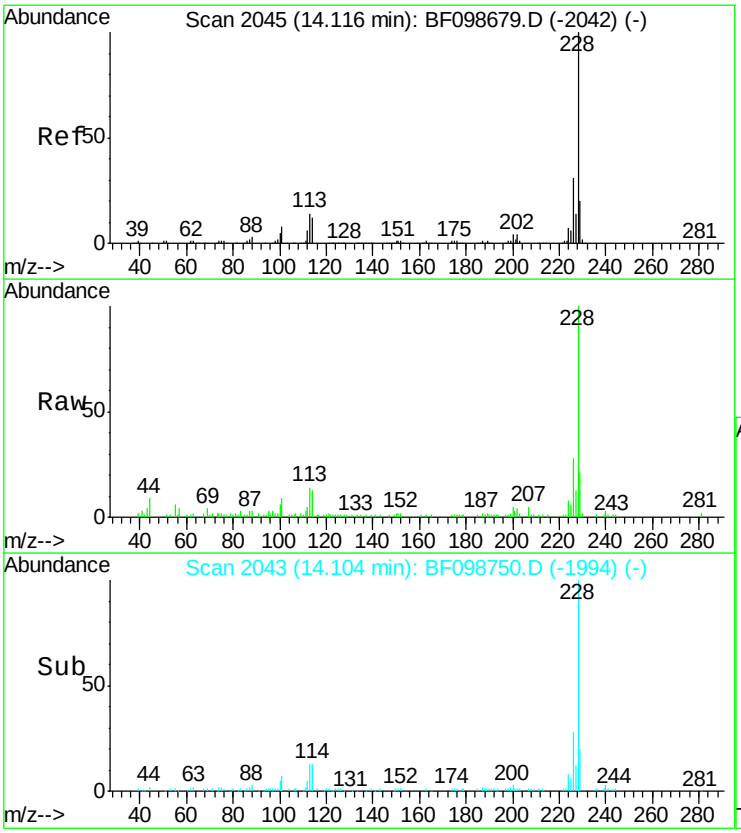
#81
3,3'-Dichlorobenzidine
Concen: 0.05 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.08 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 289

Ion	Ratio	Lower	Upper
252	100		
254	169.8	50.4	75.6#
126	90.1	11.3	16.9#

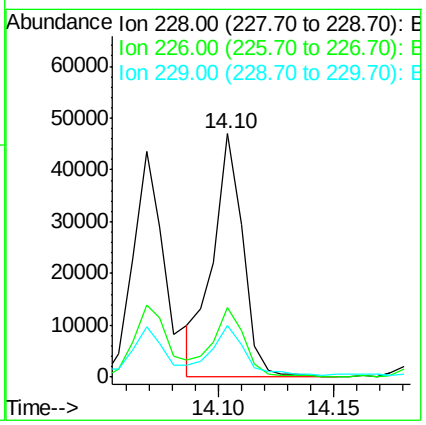


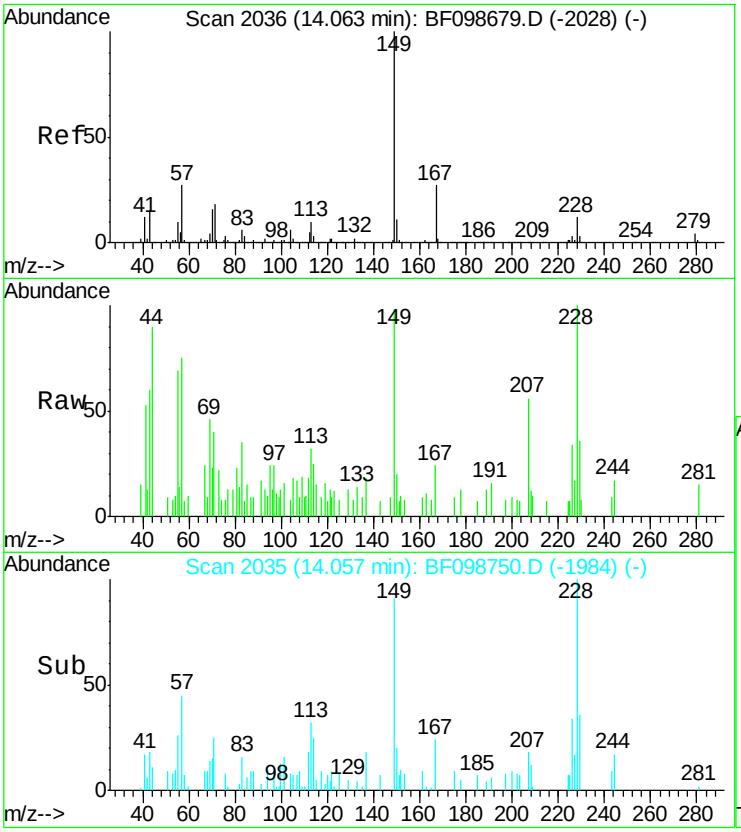


#82
Chrysene
Concen: 2.92 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:228 Resp: 42615

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	21.4	16.2	24.4



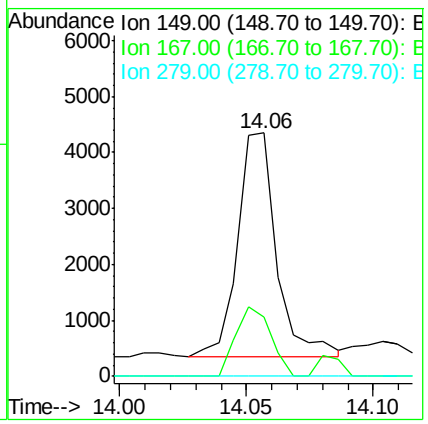


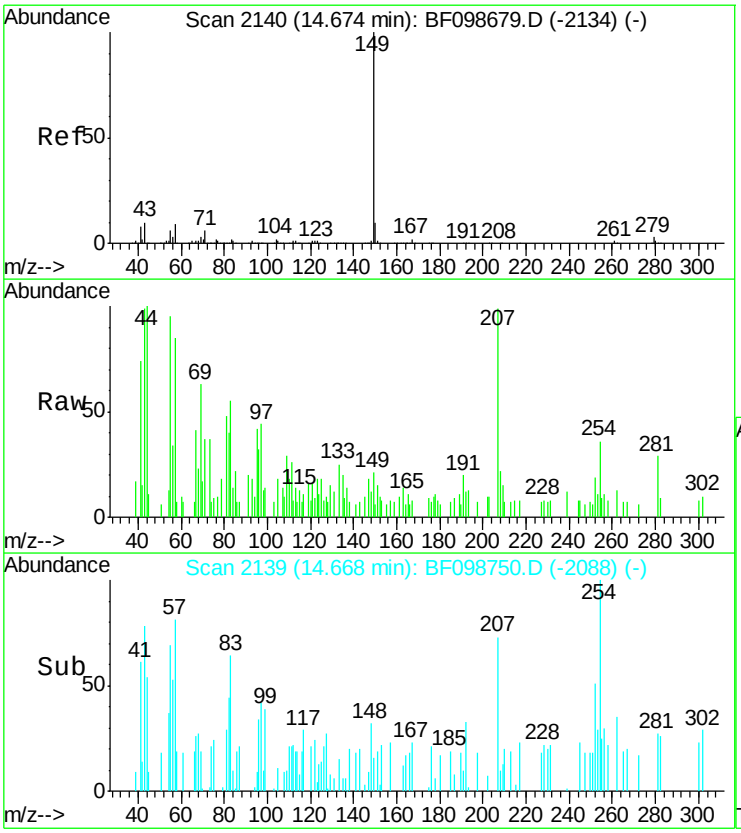
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 4277

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.3	31.9
279	0.0	3.0	4.4#

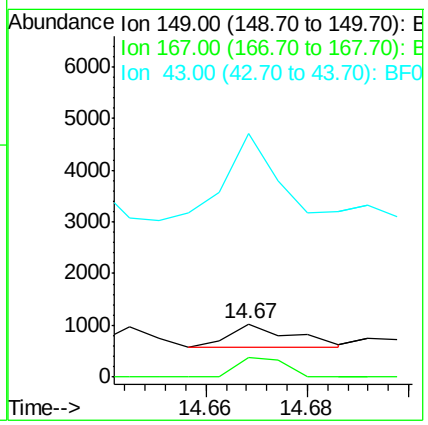


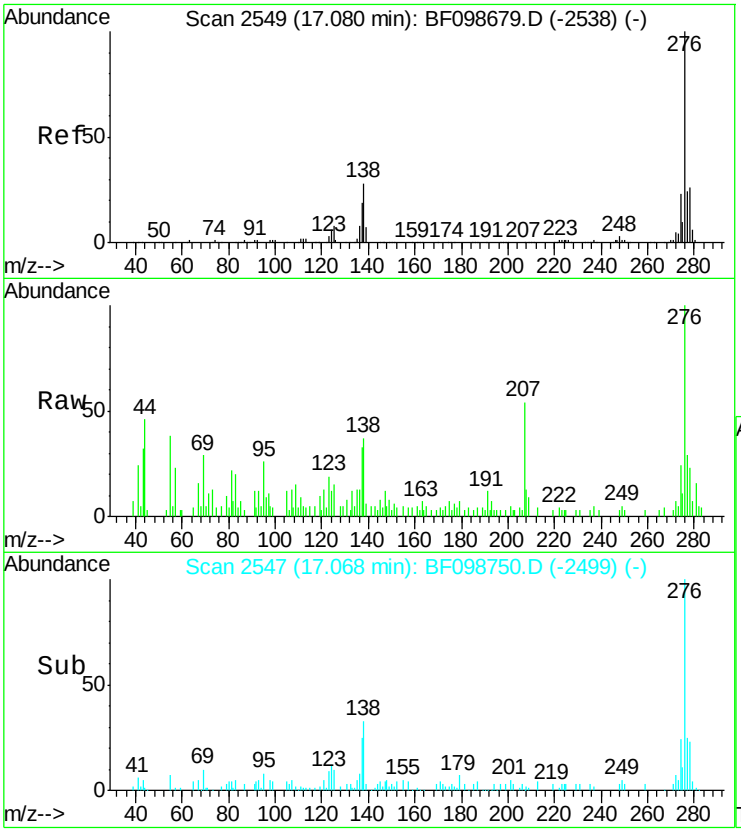


#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:149 Resp: 375

Ion	Ratio	Lower	Upper
149	100		
167	68.0	1.2	1.8#
43	458.1	8.4	12.6#



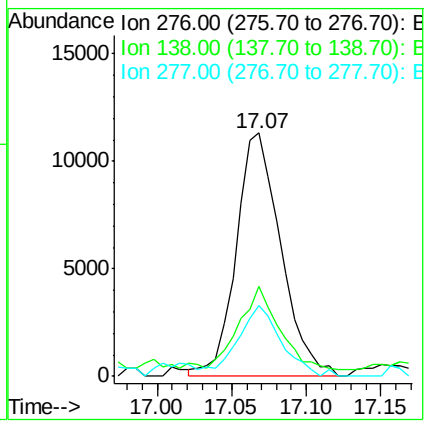


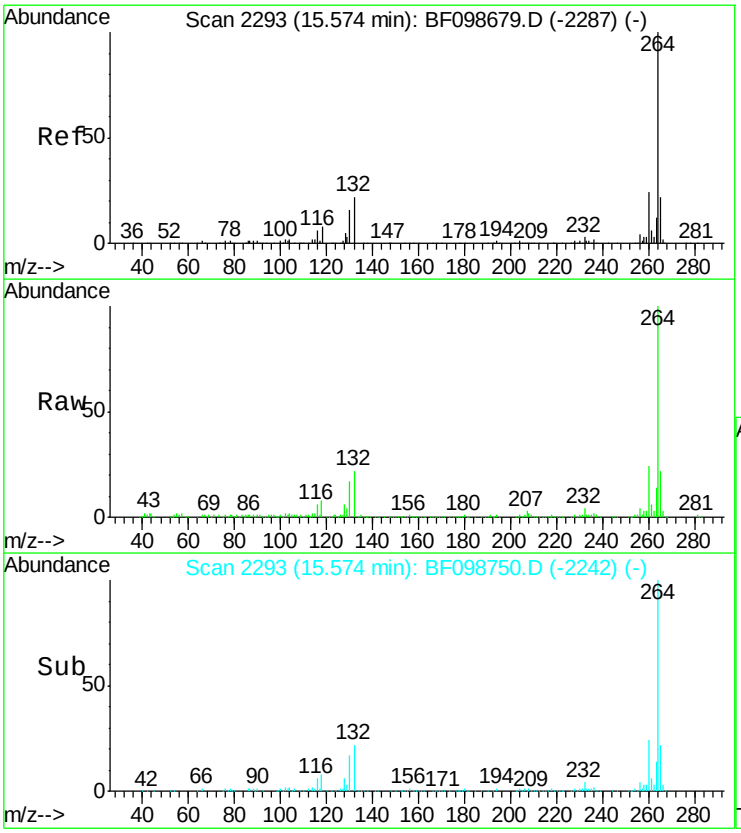
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.01 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23491

Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	27.5	20.1	30.1

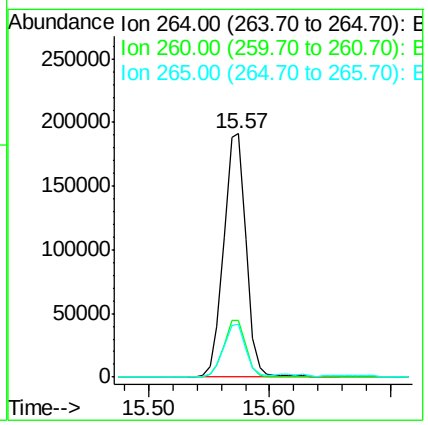


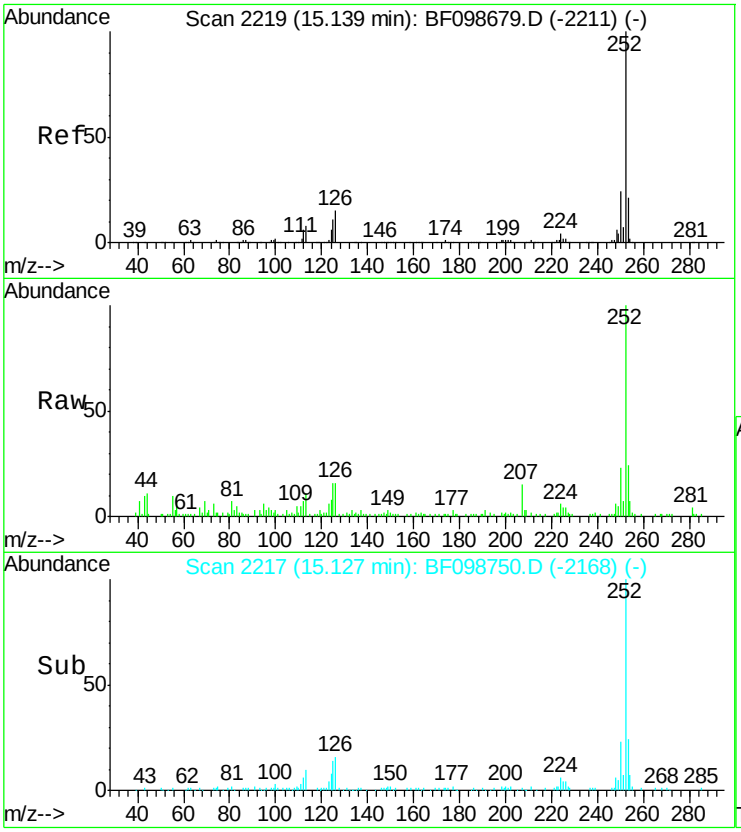


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:264 Resp: 245299

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3



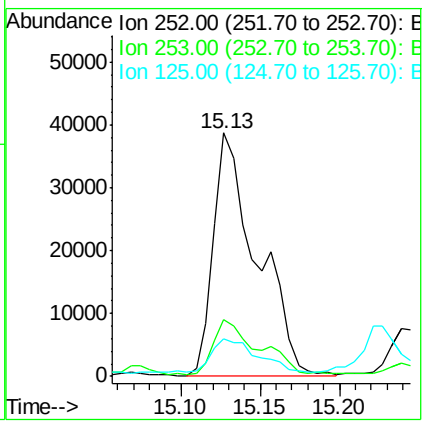


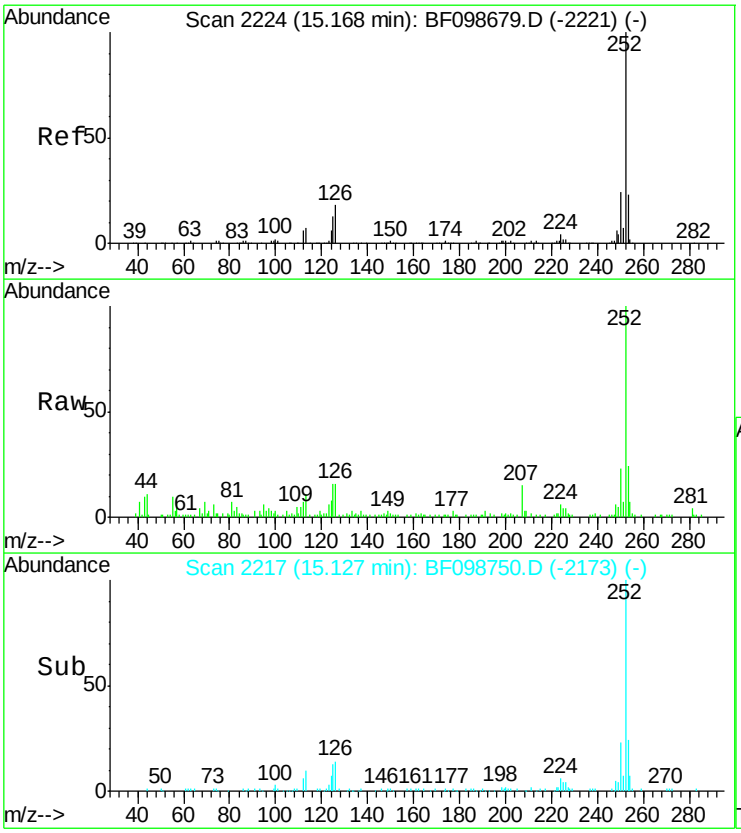
#87
Benzo(b)fluoranthene
Concen: 4.95 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 74685

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.5	9.0	13.6#

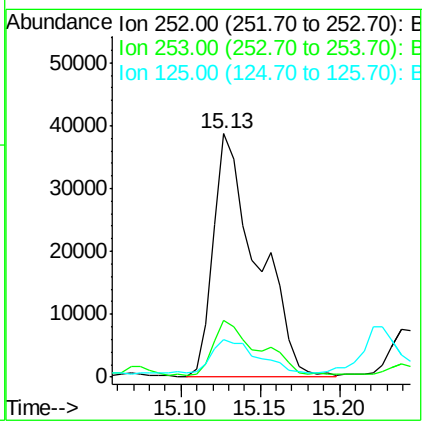


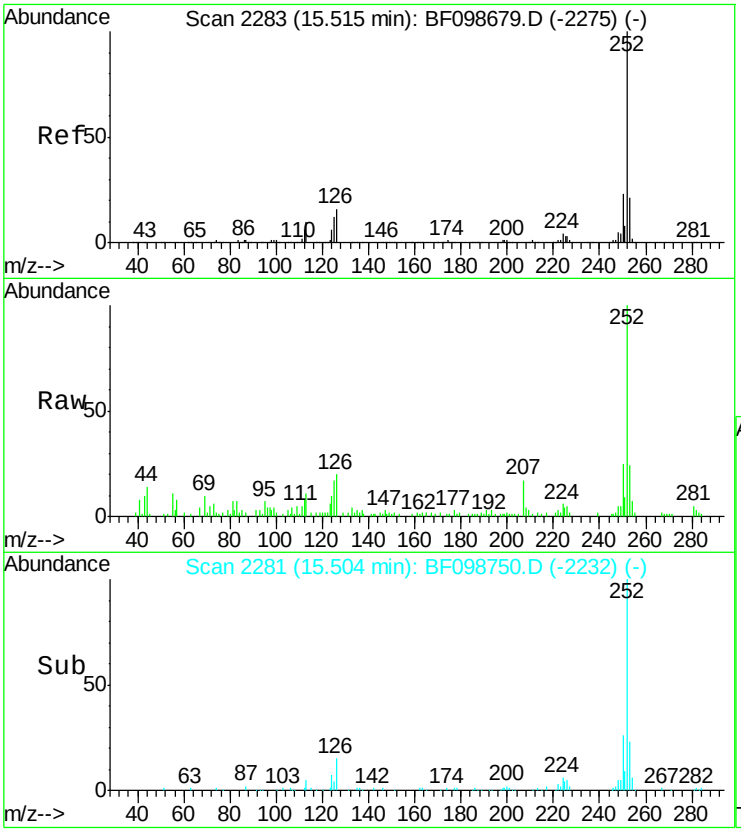


#88
Benzo(k)fluoranthene
Concen: 5.01 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:252 Resp: 74685

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.5	10.2	15.2#



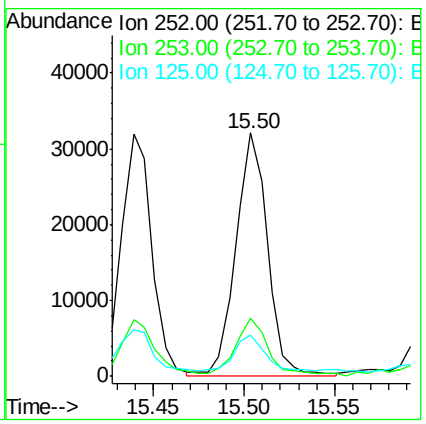


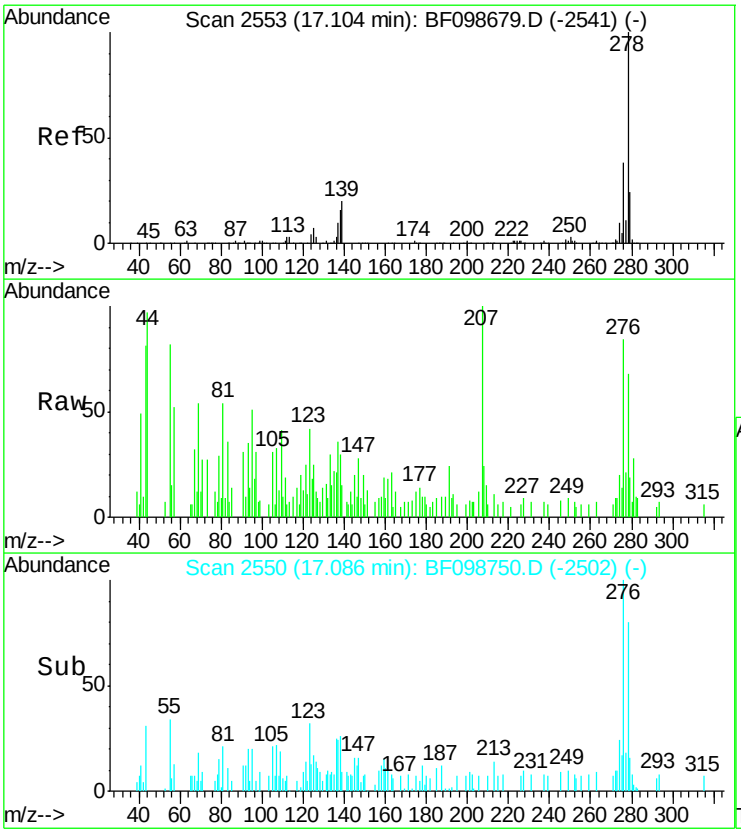
#89
Benzo(a)pyrene
Concen: 2.85 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39439

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	17.0	9.8	14.6#

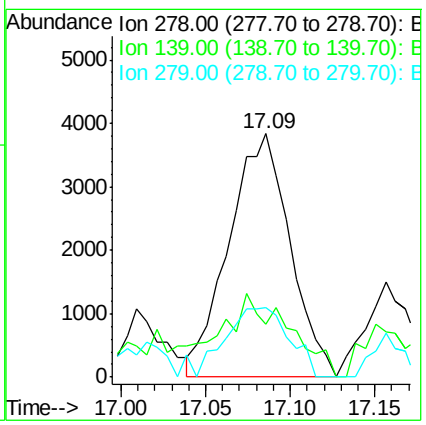


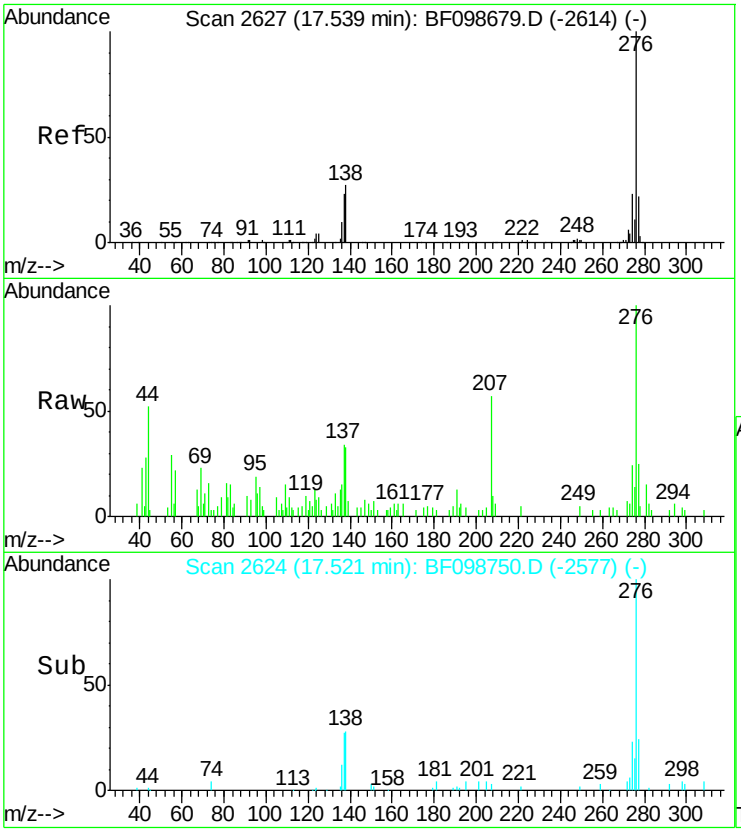


#90
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Tgt Ion:278 Resp: 9642

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	28.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 2.13 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF098750.D
Acq: 23 Sep 2017 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23277

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	33.3	21.8	32.8#