Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103809.D
Acq On : 20 Mar 2018 18:24
Operator : JU/SJ
Sample : J1975-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 00:56:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147305	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	598915	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	270752	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	442352	20.00	ng		0.01
75) Chrysene-d12	14.16	240	284945	20.00	ng		0.01
86) Perylene-d12	15.70	264	263509	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1088157	112.36	ng		0.02
7) Phenol-d6	6.60	99	1256607	106.05	ng		0.01
23) Nitrobenzene-d5	7.54	82	759038	88.38	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	283351	121.72	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1274415	75.08	ng		0.00
78) Terphenyl-d14	13.10	244	1038729	84.61	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	145056	30.418	ng	#	90
3) Pyridine	3.66	79	321880	24.540	ng		87
4) n-Nitrosodimethylamine	3.61	42	162462	33.592	ng		80
6) Aniline	6.64	93	343853	20.324	ng		94
8) 2-Chlorophenol	6.76	128	366328	36.108	ng		91
9) Benzaldehyde	6.52	77	123076	15.811	ng		98
10) Phenol	6.61	94	455550	36.182	ng		98
11) bis(2-Chloroethyl)ether	6.71	93	349174	33.595	ng		93
12) 1,3-Dichlorobenzene	6.92	146	380642	32.942	ng		98
13) 1,4-Dichlorobenzene	6.99	146	381529	32.859	ng		99
14) 1,2-Dichlorobenzene	7.15	146	357628	33.192	ng		99
15) Benzyl Alcohol	7.11	79	311240	33.903	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	453862	30.701	ng		93
17) 2-Methylphenol	7.22	107	305725	33.839	ng		98
18) Hexachloroethane	7.49	117	125068	30.622	ng		100
19) n-Nitroso-di-n-propylamine	7.38	70	237684	31.301	ng		93
20) 3+4-Methylphenols	7.37	107	382285	33.342	ng		98
22) Acetophenone	7.38	105	486257	31.591	ng	#	94
24) Nitrobenzene	7.56	77	366719	36.371	ng		96
25) Isophorone	7.79	82	721032	36.267	ng		100
26) 2-Nitrophenol	7.87	139	195384	50.356	ng		97
27) 2,4-Dimethylphenol	7.90	122	345560	40.572	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	443073	36.803	ng		99
29) 2,4-Dichlorophenol	8.11	162	299768	38.685	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	304847	33.919	ng		98
31) Naphthalene	8.28	128	1021706	33.771	ng		100
32) Benzoic acid	7.95	122	27282	13.508	ng		94
33) 4-Chloroaniline	8.32	127	198063	15.605	ng		96
34) Hexachlorobutadiene	8.39	225	161754	32.826	ng		98
35) Caprolactam	8.69	113	69299	25.972	ng	#	78
36) 4-Chloro-3-methylphenol	8.80	107	317915	37.216	ng		99
37) 2-Methylnaphthalene	8.97	142	668354	34.836	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	280871	36.362	ng		99
40) Hexachlorocyclopentadiene	9.12	237	69402	17.413	ng		98

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103809.D
Acq On : 20 Mar 2018 18:24
Operator : JU/SJ
Sample : J1975-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 00:56:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	198680	40.213 ng		99
43) 2,4,5-Trichlorophenol	9.29	196	214051	38.385 ng		97
45) 1,1'-Biphenyl	9.43	154	773062	34.241 ng		99
46) 2-Chloronaphthalene	9.46	162	616591	34.385 ng		98
47) 2-Nitroaniline	9.56	65	190770	41.709 ng		92
48) Acenaphthylene	9.88	152	935983	33.660 ng		100
49) Dimethylphthalate	9.73	163	833053	40.328 ng		99
50) 2,6-Dinitrotoluene	9.80	165	161466	41.037 ng		89
51) Acenaphthene	10.05	154	546382	33.092 ng		99
52) 3-Nitroaniline	9.97	138	145326	31.748 ng		93
53) 2,4-Dinitrophenol	10.07	184	18357	30.216 ng	#	23
54) Dibenzofuran	10.22	168	823700	34.931 ng		98
55) 4-Nitrophenol	10.12	139	276870	73.631 ng		93
56) 2,4-Dinitrotoluene	10.20	165	209791	42.289 ng	#	88
57) Fluorene	10.57	166	628479	34.347 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	156849	39.695 ng		94
59) Diethylphthalate	10.43	149	698235	34.056 ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	298878	35.740 ng		93
61) 4-Nitroaniline	10.59	138	163158	36.382 ng		92
62) Azobenzene	10.72	77	645546	30.970 ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	23229	22.281 ng		86
65) n-Nitrosodiphenylamine	10.67	169	576657	38.299 ng		100
66) 4-Bromophenyl-phenylether	11.05	248	178303	39.258 ng		95
67) Hexachlorobenzene	11.12	284	187931	36.254 ng		94
68) Atrazine	11.20	200	180630	38.781 ng		99
69) Pentachlorophenol	11.31	266	155537	52.190 ng		97
70) Phenanthrene	11.53	178	840796	34.747 ng		99
71) Anthracene	11.59	178	865351	35.210 ng		99
72) Carbazole	11.74	167	804011	33.658 ng		100
73) Di-n-butylphthalate	12.06	149	1042180	36.361 ng		99
74) Fluoranthene	12.73	202	794181	31.858 ng		100
76) Benzidine	12.84	184	339155	27.907 ng		98
77) Pyrene	12.96	202	768062	36.703 ng		99
79) Butylbenzylphthalate	13.56	149	379991	40.985 ng		99
80) Benzo(a)anthracene	14.15	228	609502	33.792 ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	221348	36.688 ng		98
82) Chrysene	14.19	228	575170	33.452 ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	525664	39.688 ng		100
84) Di-n-octyl phthalate	14.75	149	814546	42.272 ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	508636	33.875 ng		97
87) Benzo(b)fluoranthene	15.24	252	580269	34.855 ng		97
88) Benzo(k)fluoranthene	15.28	252	512620	32.033 ng		99
89) Benzo(a)pyrene	15.64	252	522028	34.572 ng		98
90) Dibenzo(a,h)anthracene	17.30	278	437723	33.478 ng		97
91) Benzo(g,h,i)perylene	17.77	276	393451	30.932 ng		97

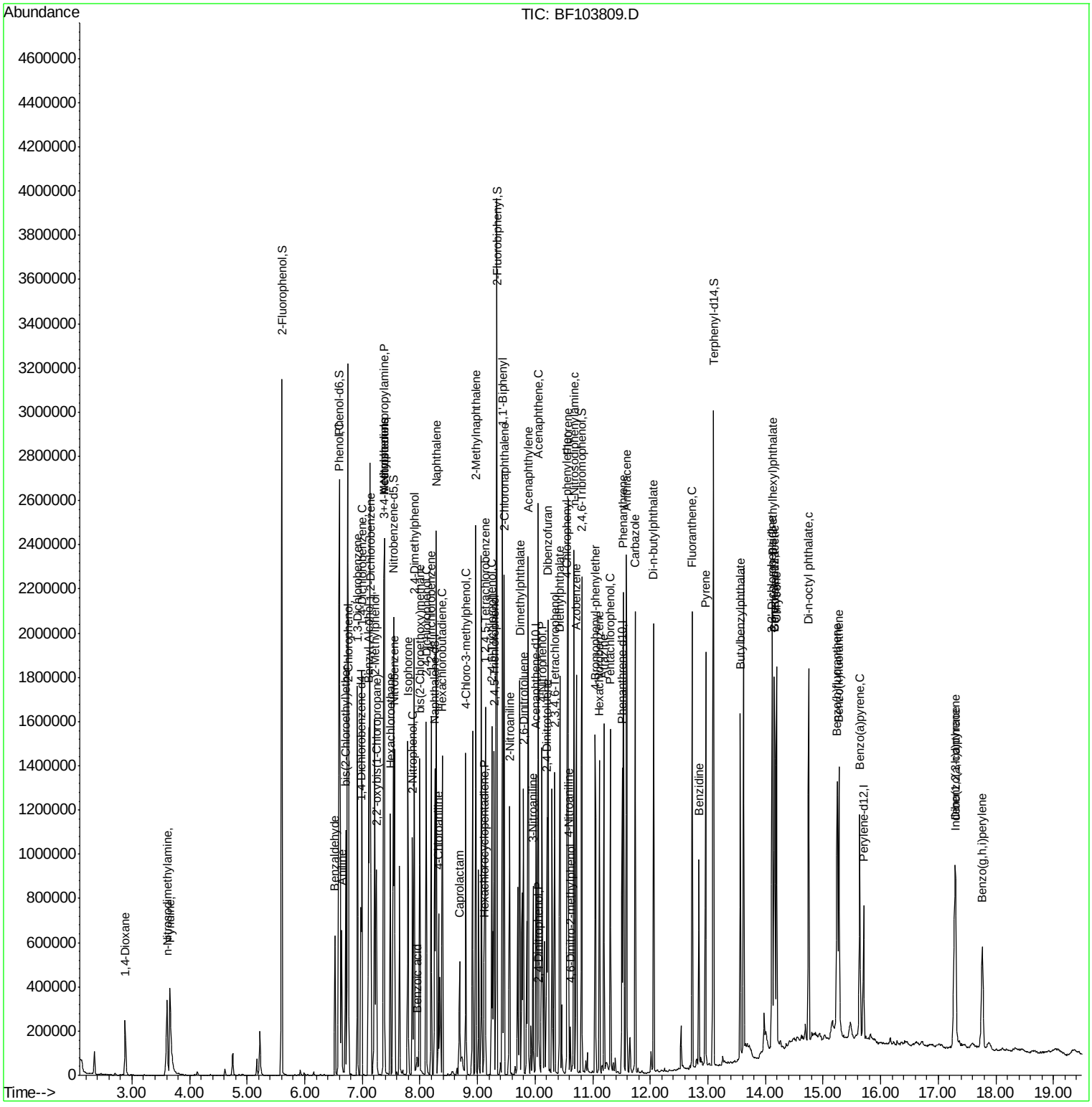
(#) = qualifier out of range (m) = manual integration (+) = signals summed

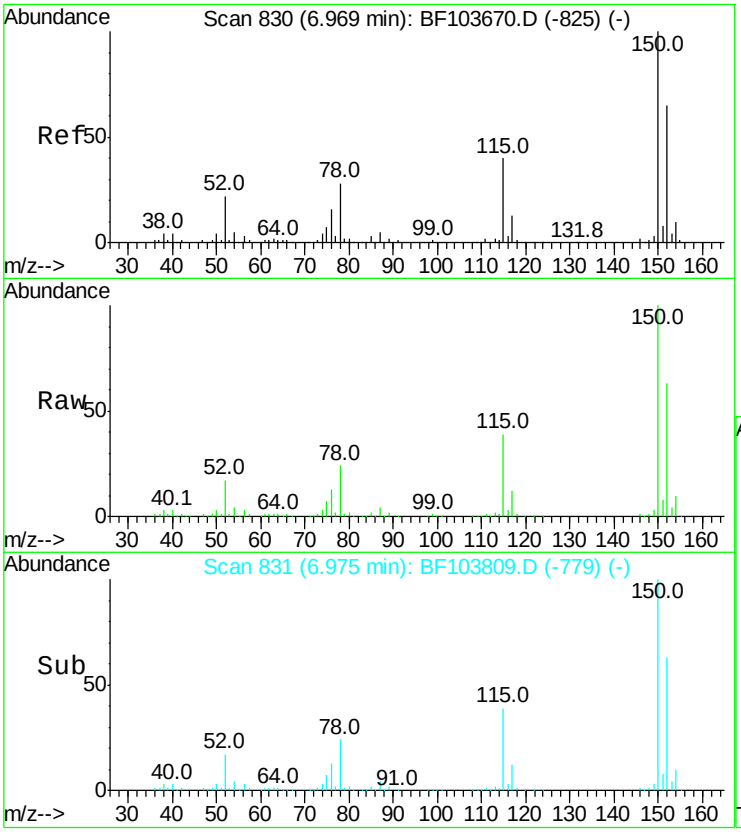
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103809.D
Acq On : 20 Mar 2018 18:24
Operator : JU/SJ
Sample : J1975-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 00:56:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



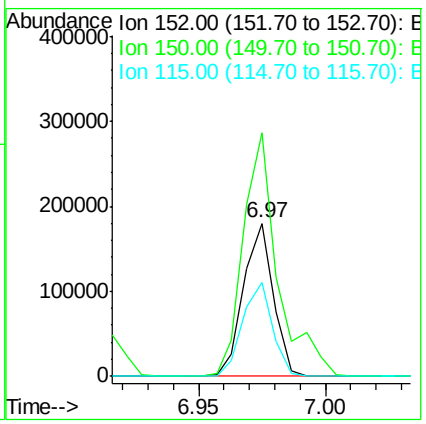


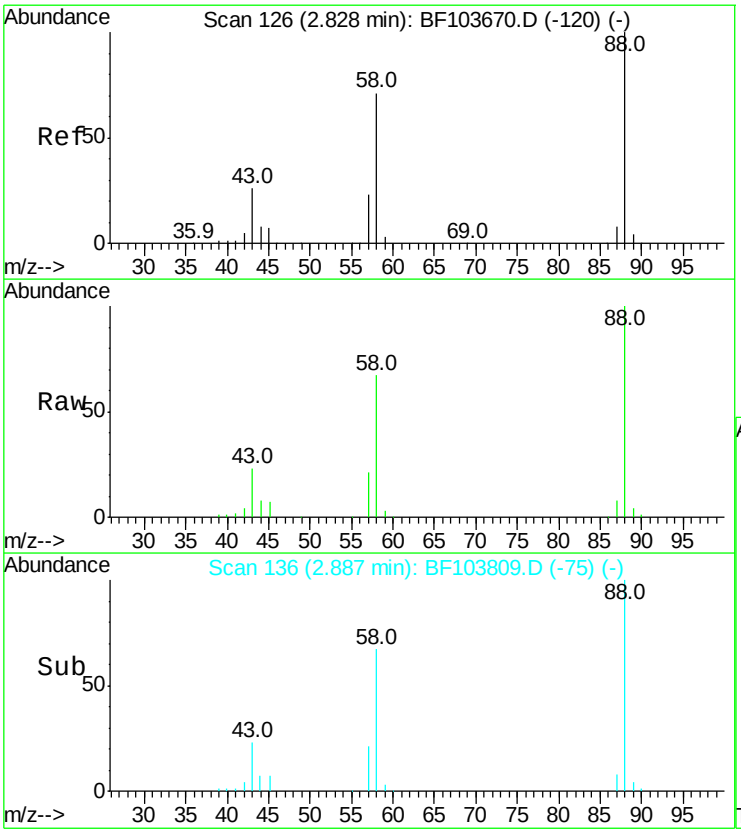
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147305

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.7	50.1	75.1

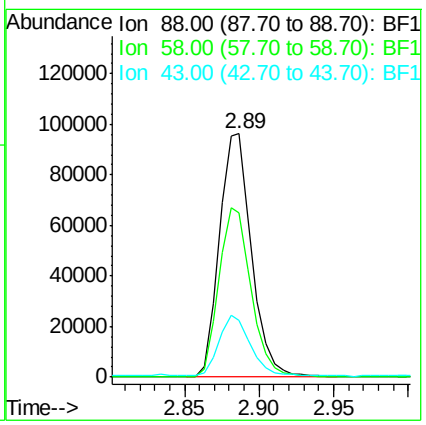


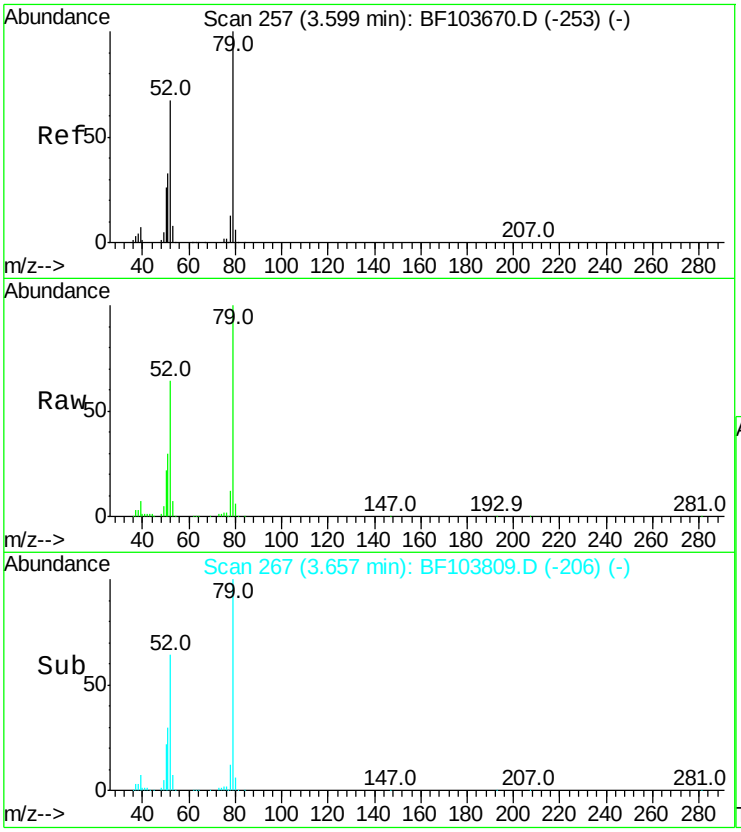


#2
1,4-Dioxane
Concen: 30.418 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.06 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 88 Resp: 145056

Ion	Ratio	Lower	Upper
88	100		
58	69.7	62.6	93.8
43	24.6	24.6	37.0#



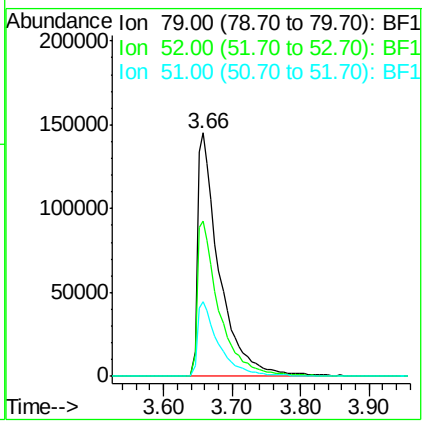


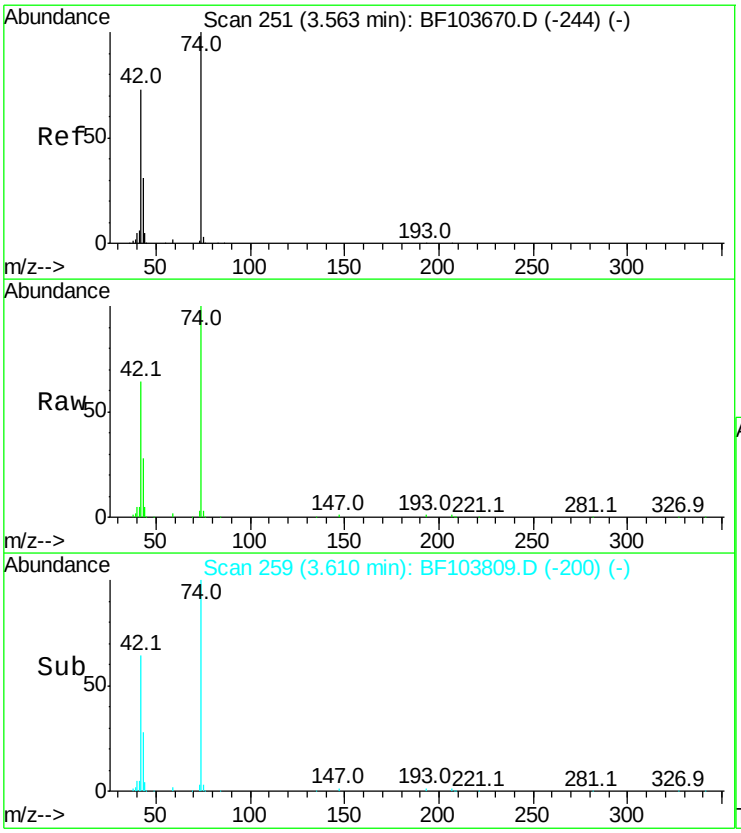
#3
Pyridine
Concen: 24.540 ng
RT: 3.66 min Scan# 267
Delta R.T. 0.06 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 321880

Ion	Ratio	Lower	Upper
79	100		
52	63.6	59.8	89.6
51	30.4	29.8	44.8

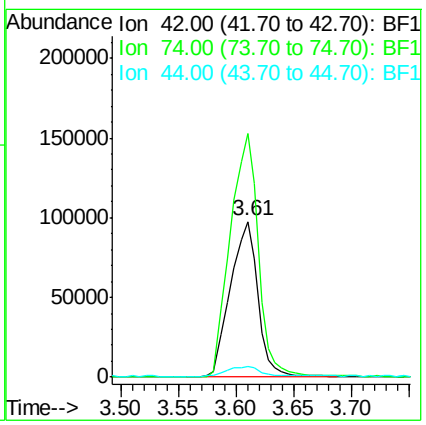


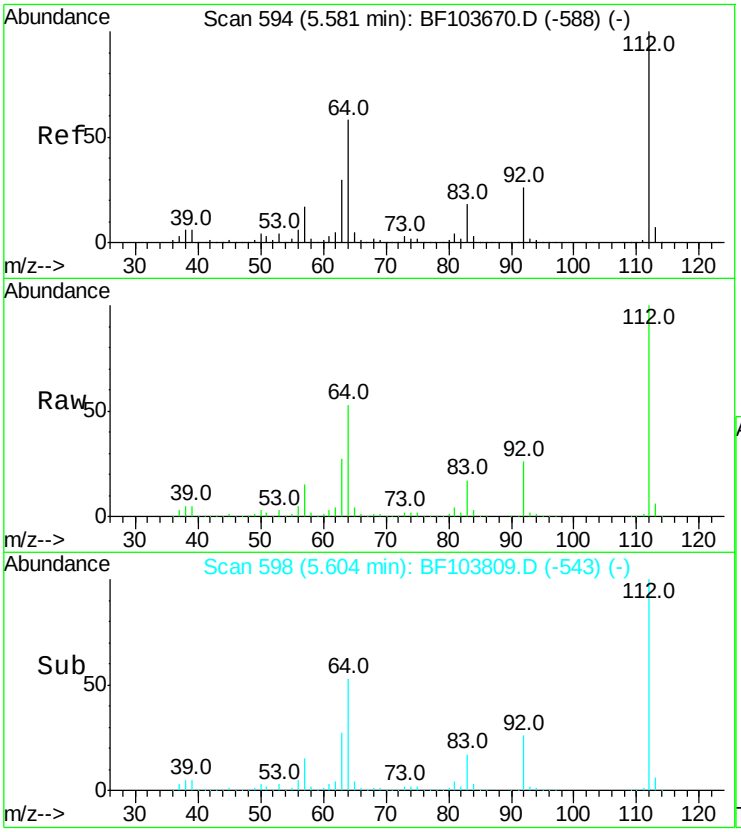


#4
n-Nitrosodimethylamine
Concen: 33.592 ng
RT: 3.61 min Scan# 259
Delta R.T. 0.05 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 42 Resp: 162462

Ion	Ratio	Lower	Upper
42	100		
74	156.2	104.9	157.3
44	7.2	6.9	10.3



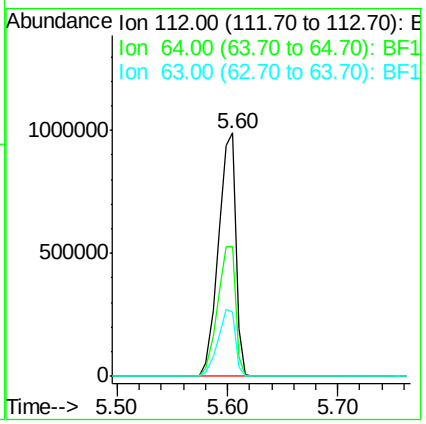


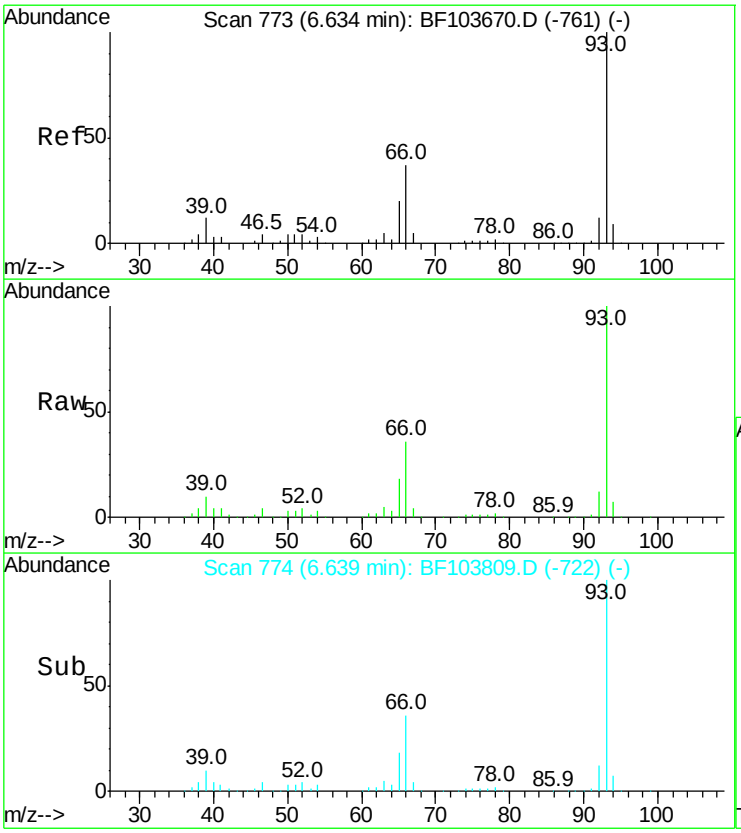
#5
2-Fluorophenol
Concen: 112.357 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1088157

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	26.6	23.7	35.5

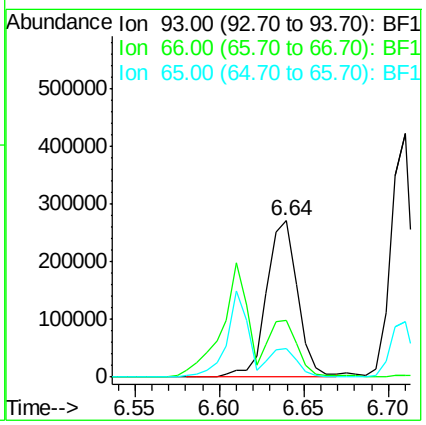


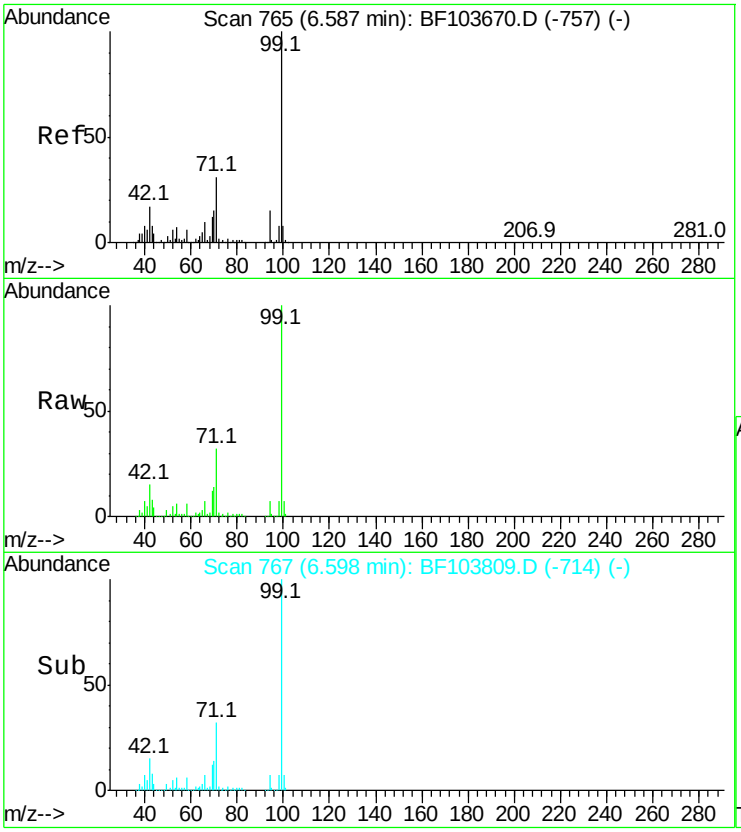


#6
Aniline
Concen: 20.324 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 93 Resp: 343853

Ion	Ratio	Lower	Upper
93	100		
66	36.2	32.2	48.2
65	18.4	16.4	24.6



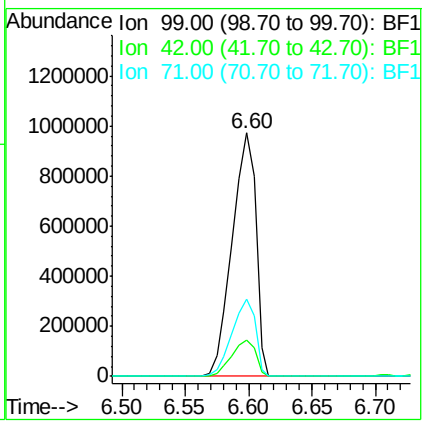


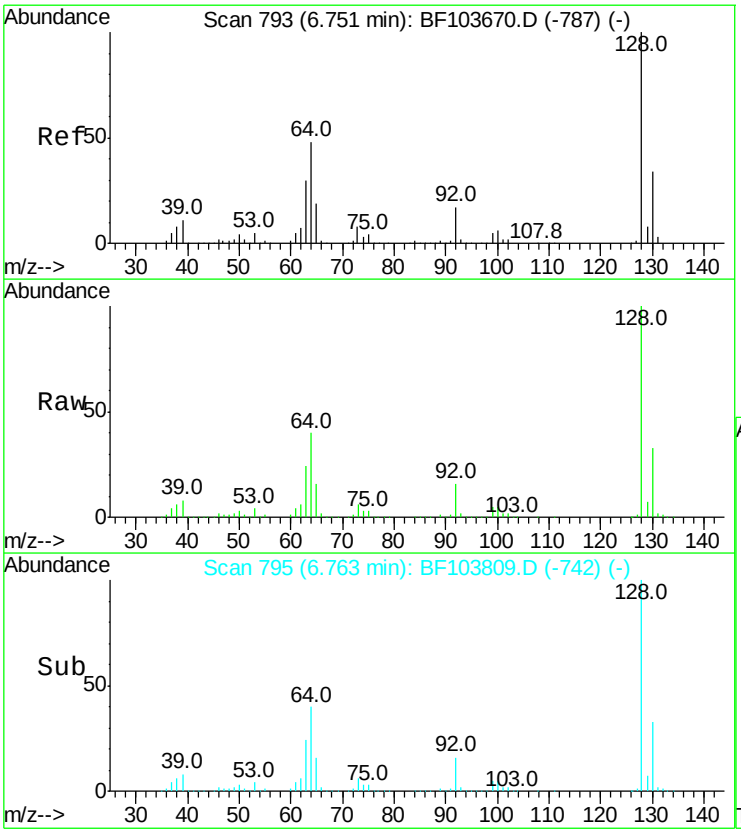
#7
Phenol-d6
Concen: 106.055 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1256607

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.0	25.4	38.0

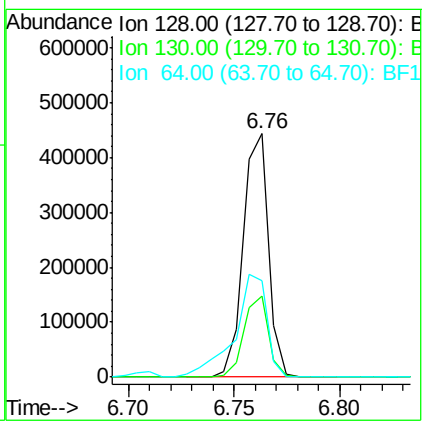


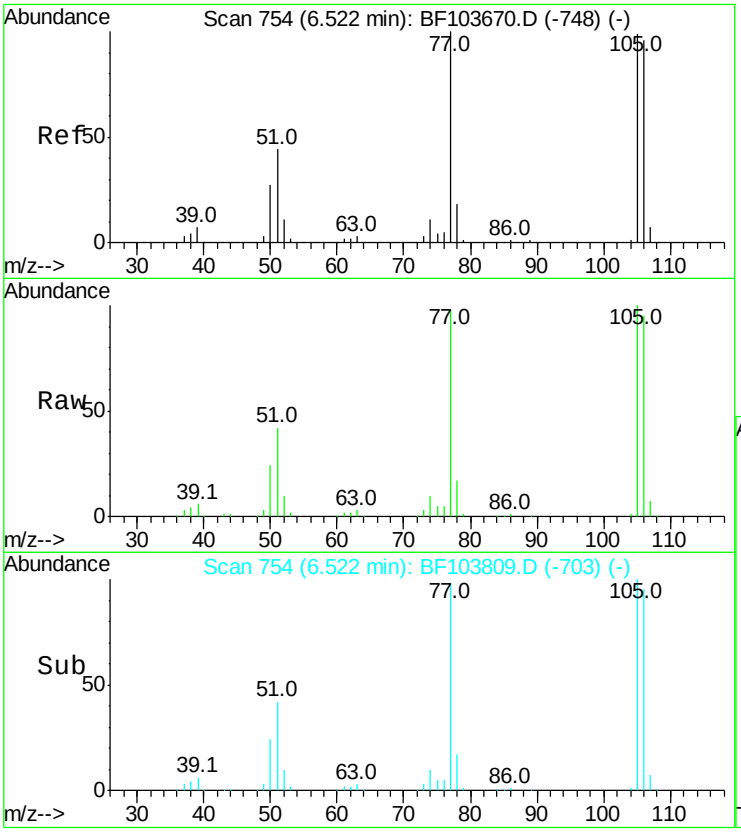


#8
2-Chlorophenol
Concen: 36.108 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:128 Resp: 366328

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	39.6	29.4	69.4



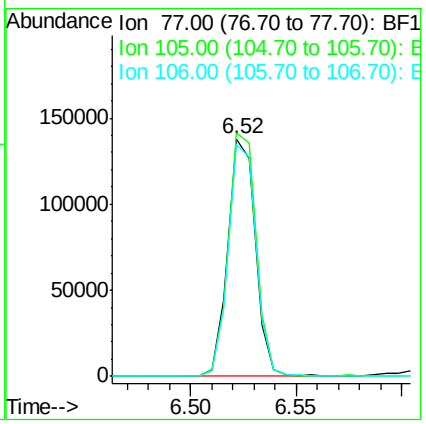


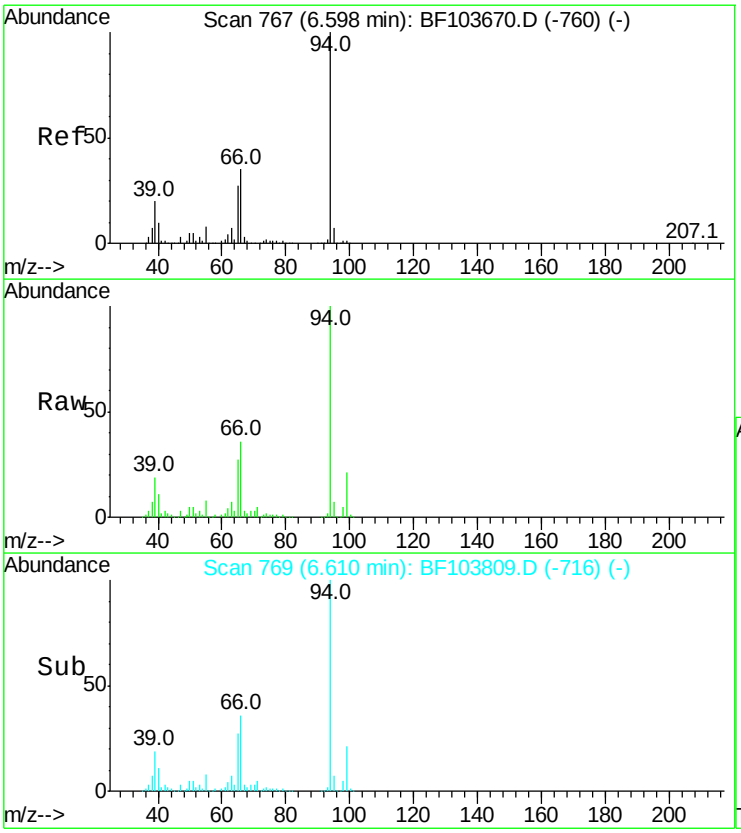
#9
Benzaldehyde
Concen: 15.811 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 123076

Ion	Ratio	Lower	Upper
77	100		
105	102.5	81.1	121.1
106	97.7	74.5	114.5

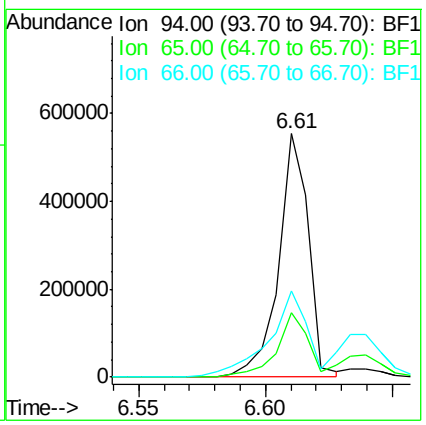


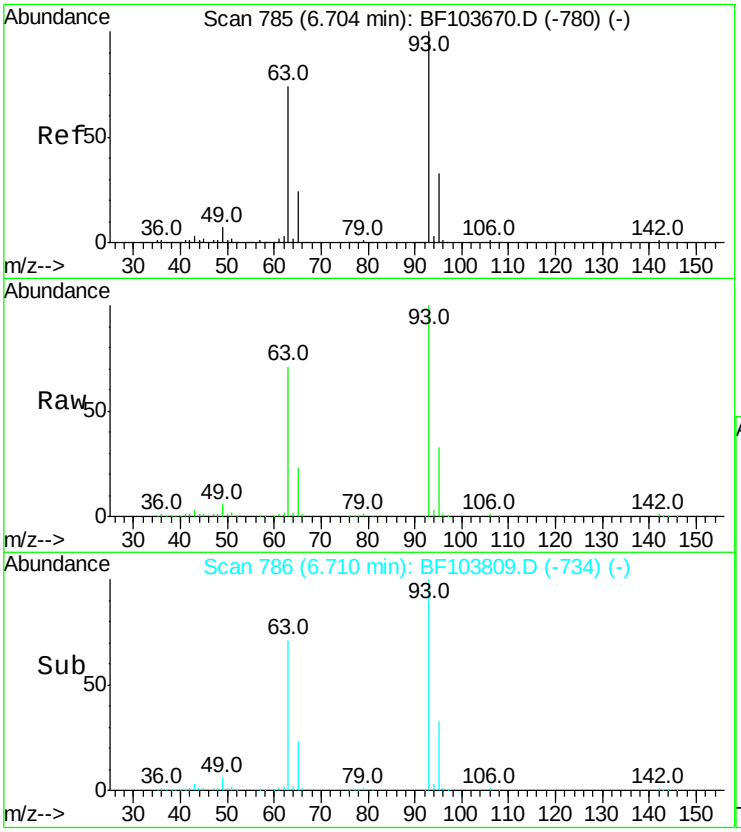


#10
Phenol
Concen: 36.182 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 94 Resp: 455550

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	35.6	16.2	56.2



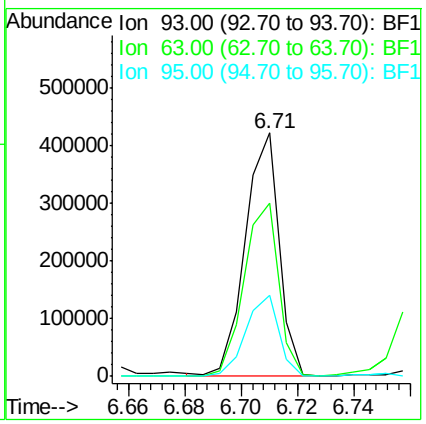


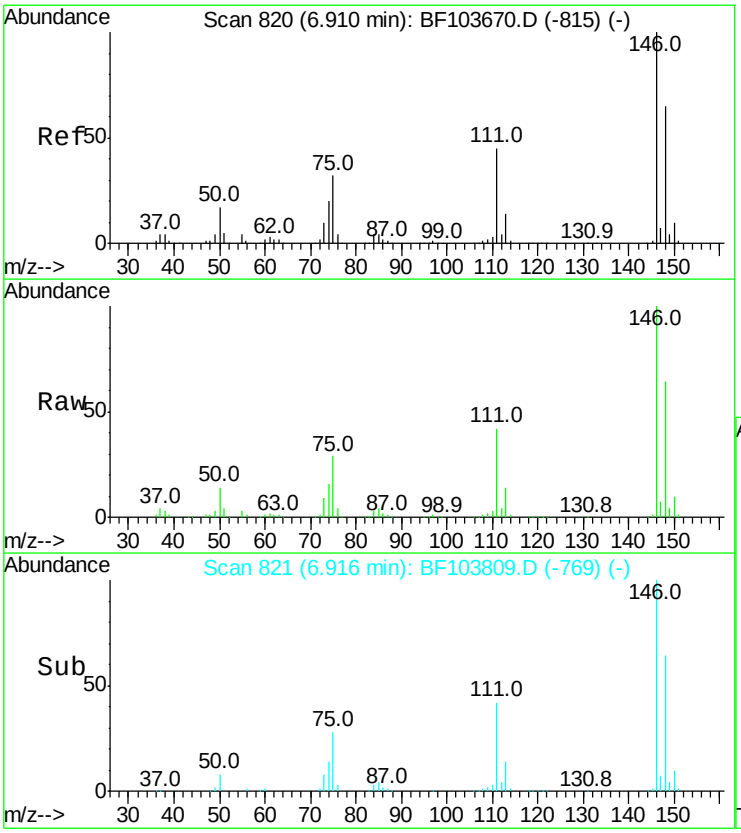
#11
bis(2-Chloroethyl)ether
Concen: 33.595 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 349174

Ion	Ratio	Lower	Upper
93	100		
63	71.3	58.6	98.6
95	33.1	11.8	51.8

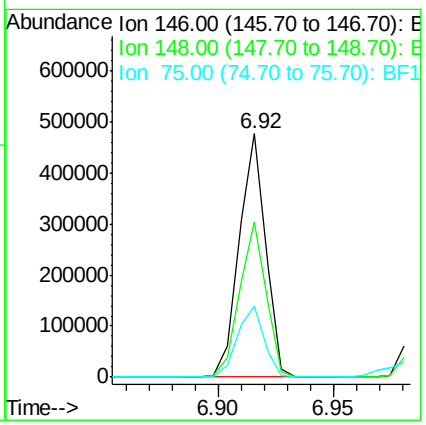


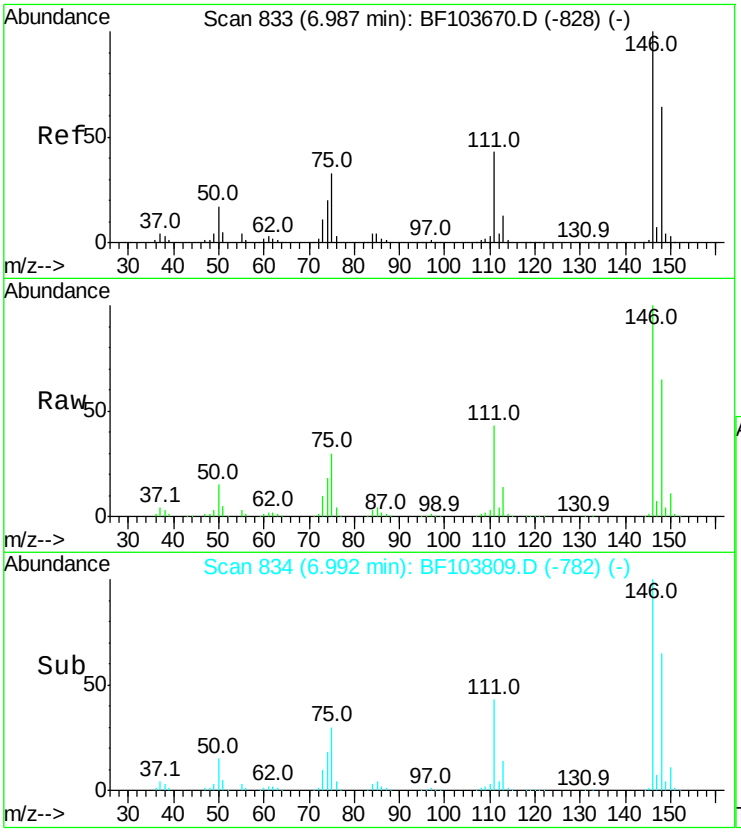


#12
1,3-Dichlorobenzene
Concen: 32.942 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:146 Resp: 380642

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.8	24.2	36.4



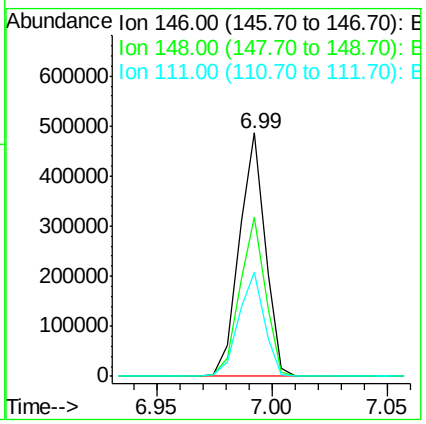


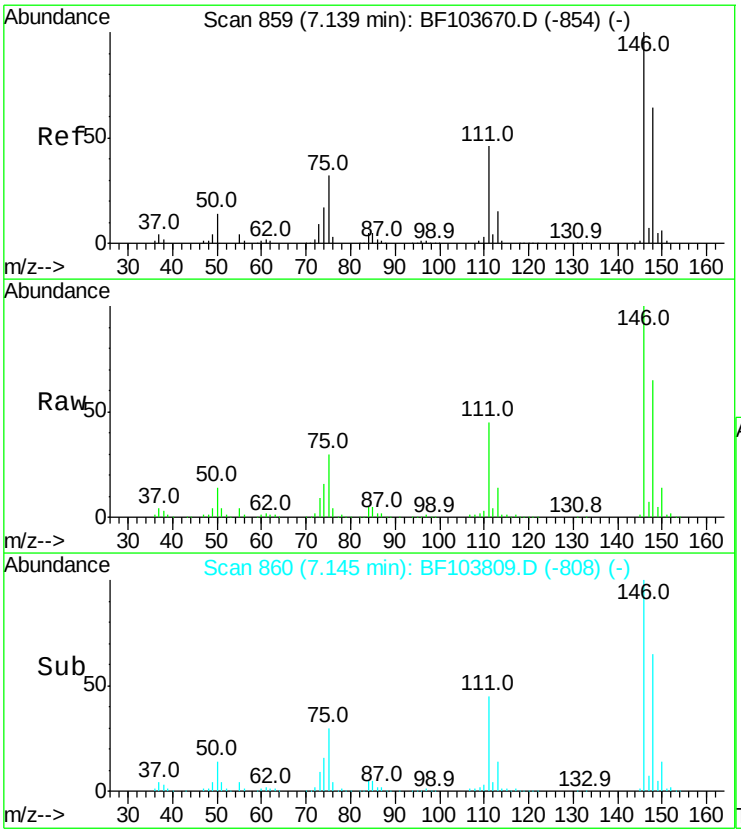
#13
1,4-Dichlorobenzene
Concen: 32.859 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 381529

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	42.8	34.2	51.2

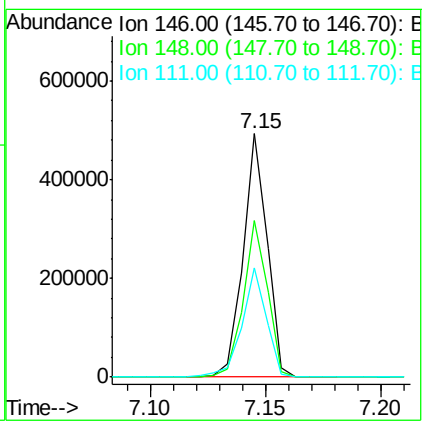


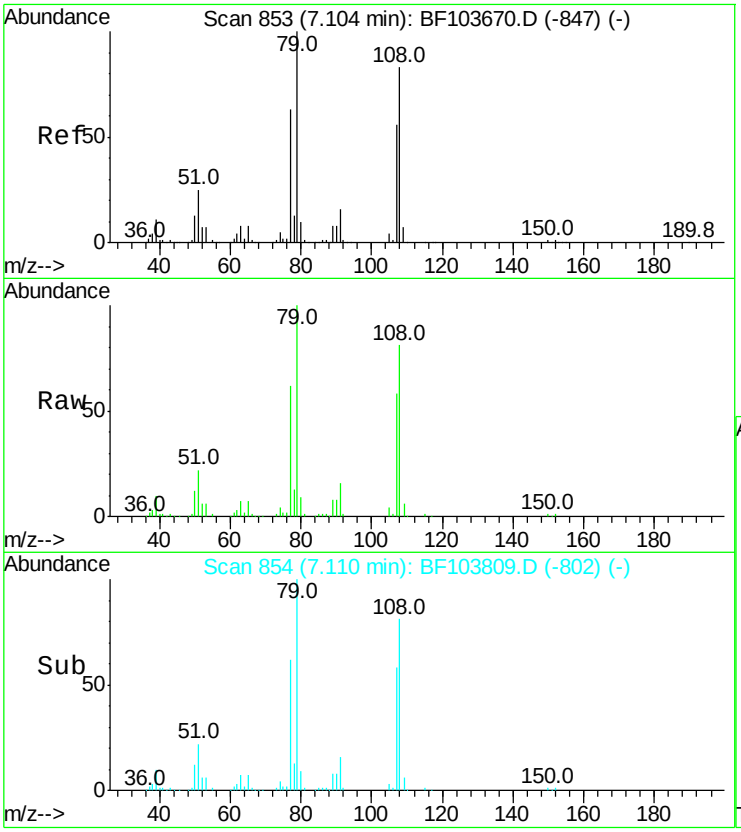


#14
1,2-Dichlorobenzene
Concen: 33.192 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:146 Resp: 357628

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	44.6	36.0	54.0



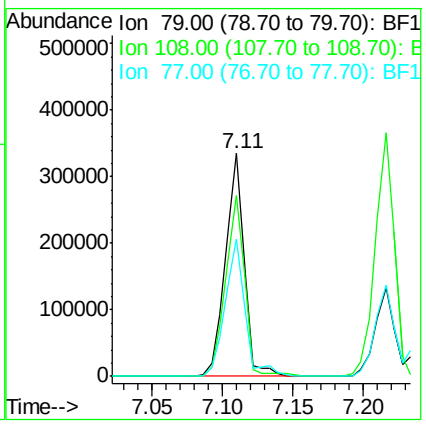


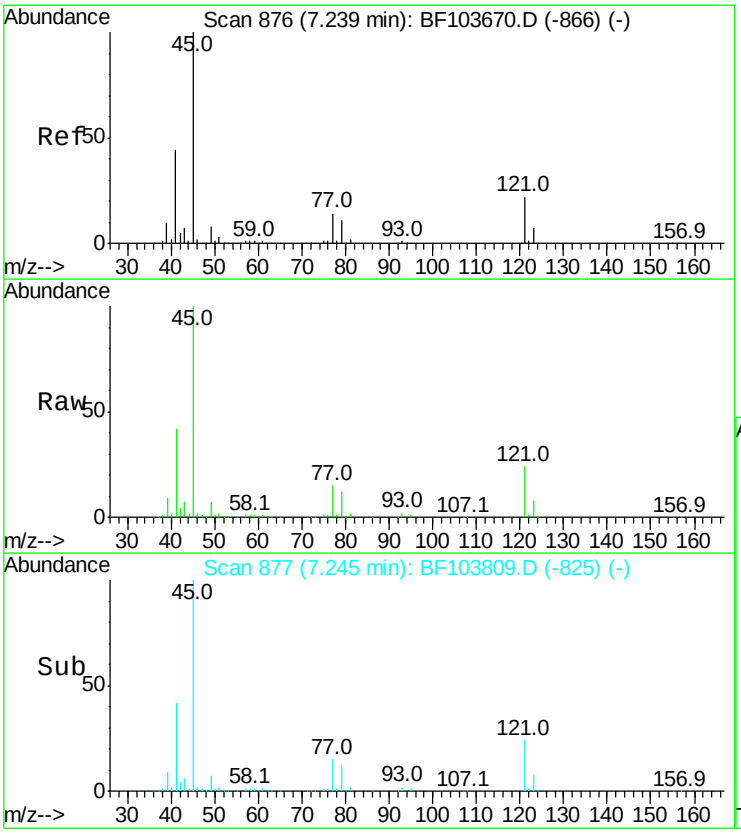
#15
Benzyl Alcohol
Concen: 33.903 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 311240

Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	61.7	50.6	75.8

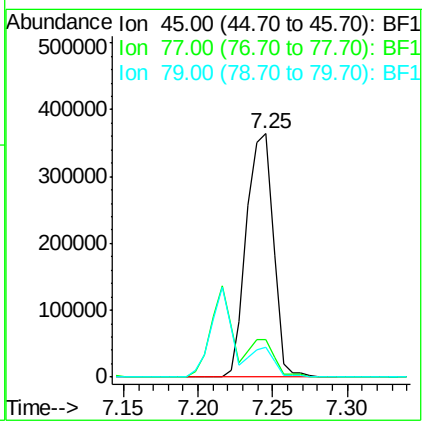


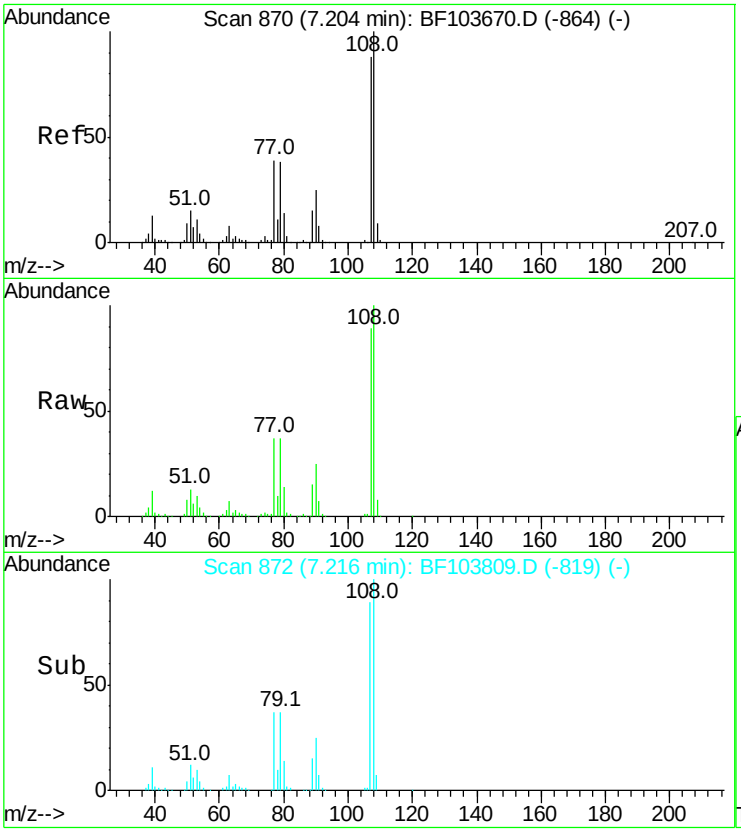


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.701 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 45 Resp: 453862

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	32.9
79	12.2	0.0	29.6



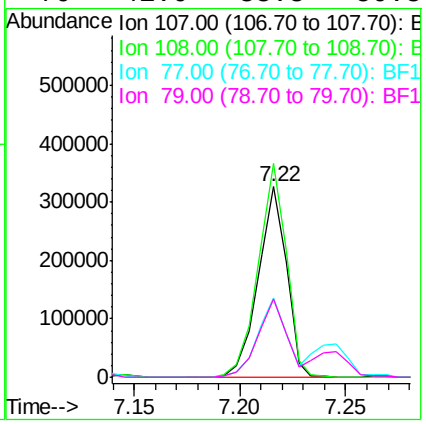


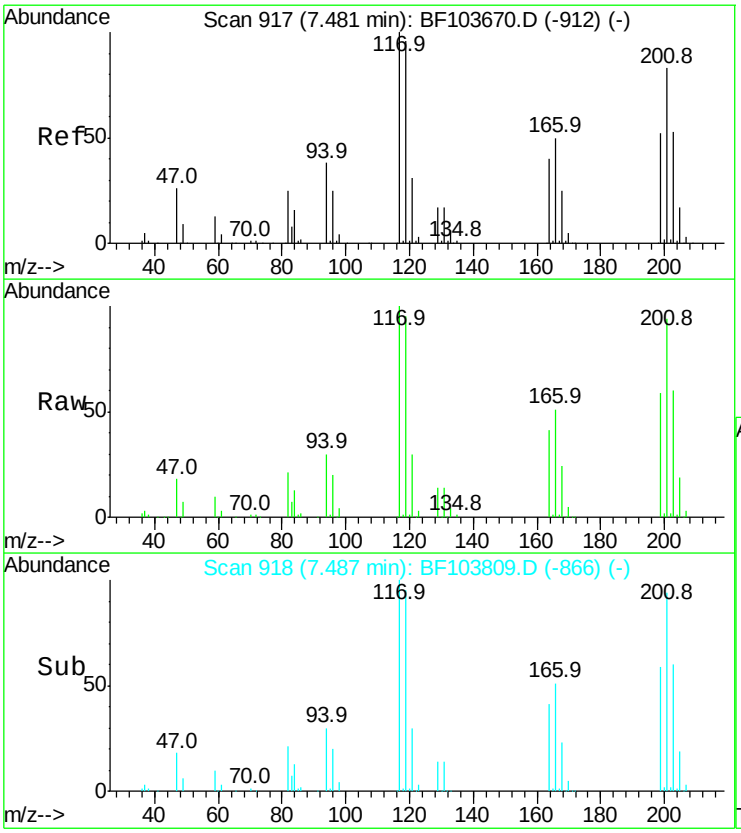
#17
2-Methylphenol
Concen: 33.839 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 305725

Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	41.8	33.8	50.8
79	41.0	33.8	50.8

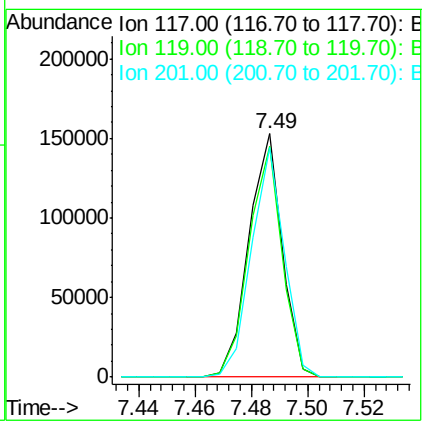


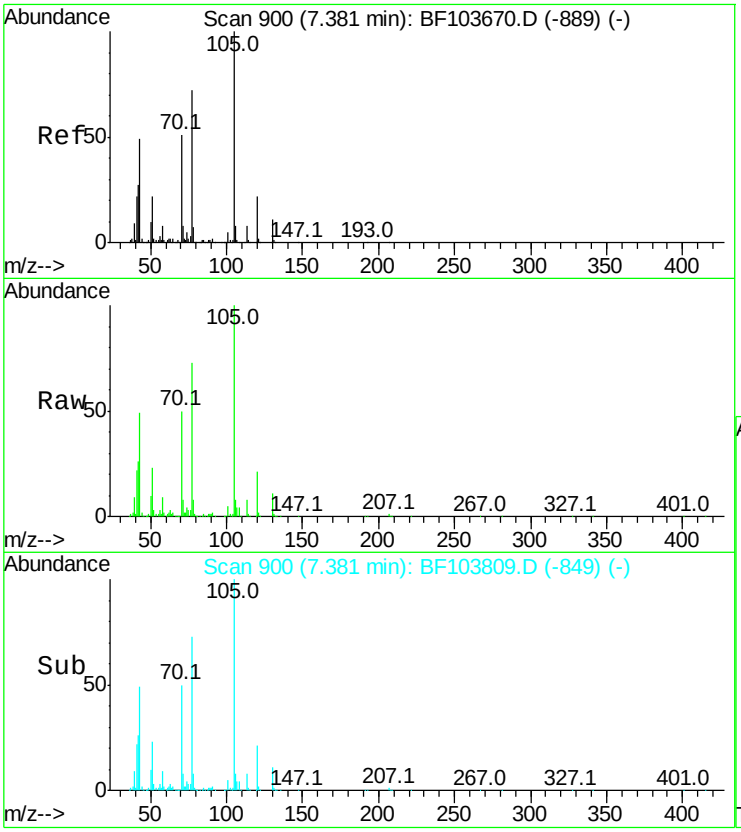


#18
Hexachloroethane
Concen: 30.622 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:117 Resp: 125068

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	94.4	75.7	113.5



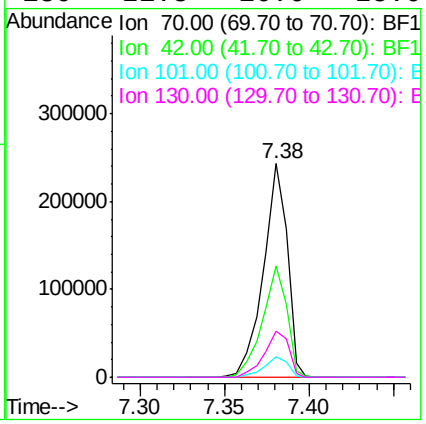


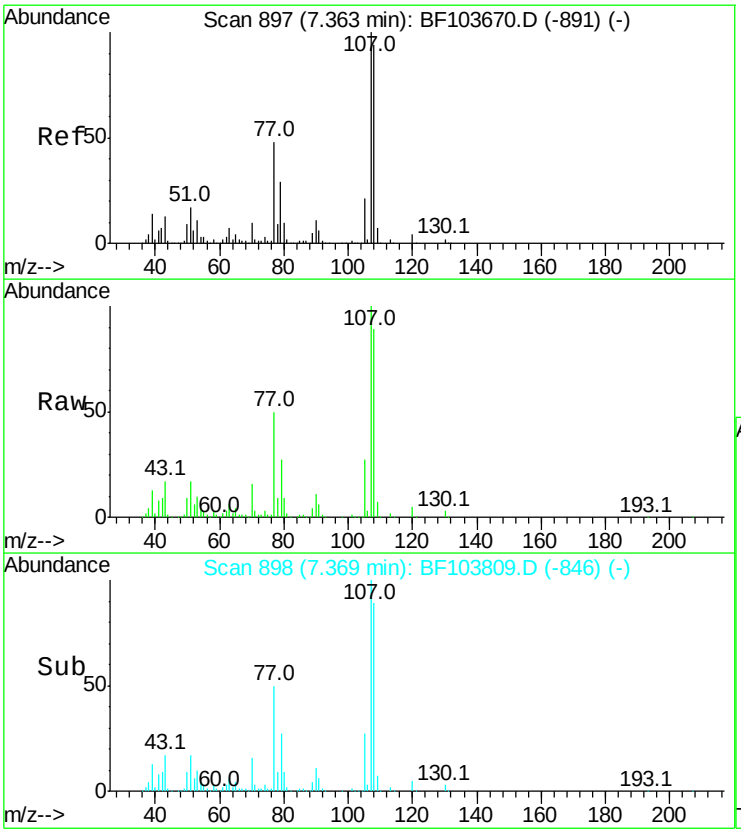
#19
n-Nitroso-di-n-propylamine
Concen: 31.301 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 237684

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	9.6	7.4	11.2
130	21.3	16.6	25.0

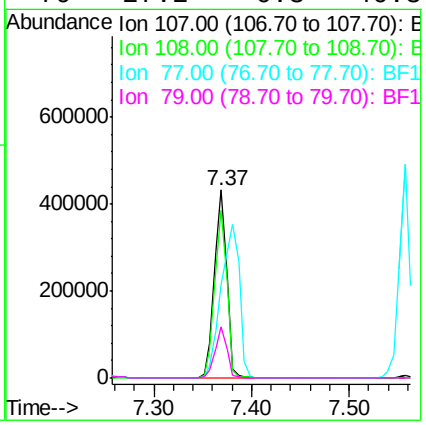


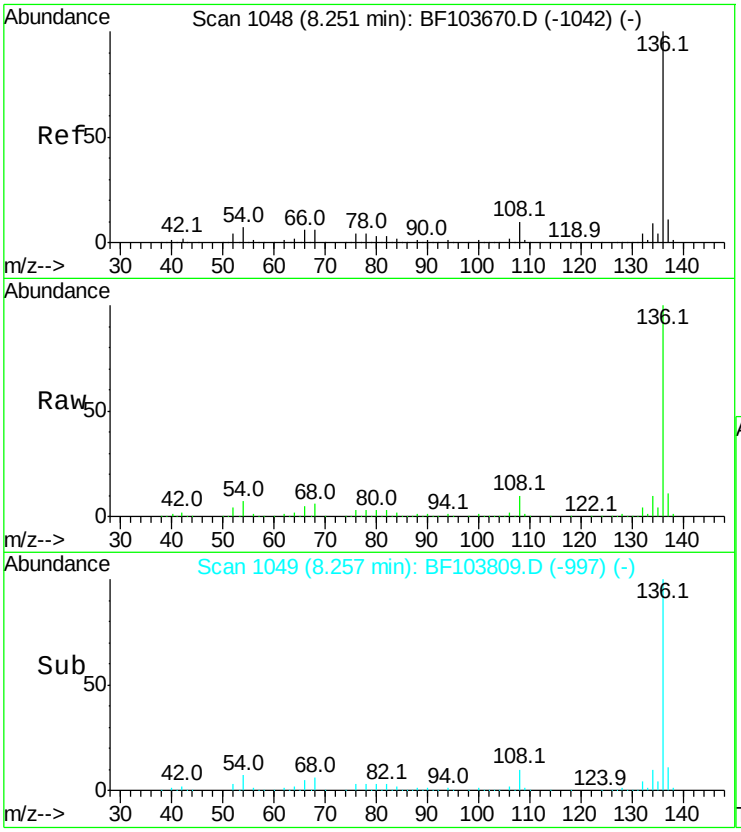


#20
3+4-Methylphenols
Concen: 33.342 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:107 Resp: 382285

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	49.9	26.7	66.7
79	27.2	6.3	46.3



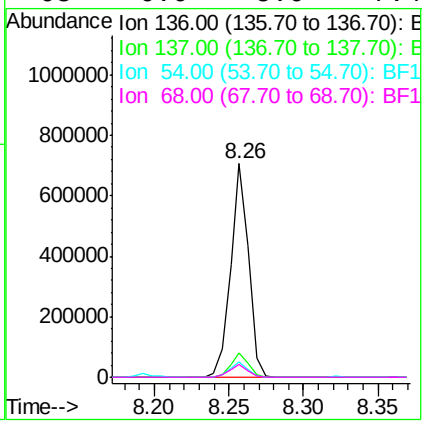


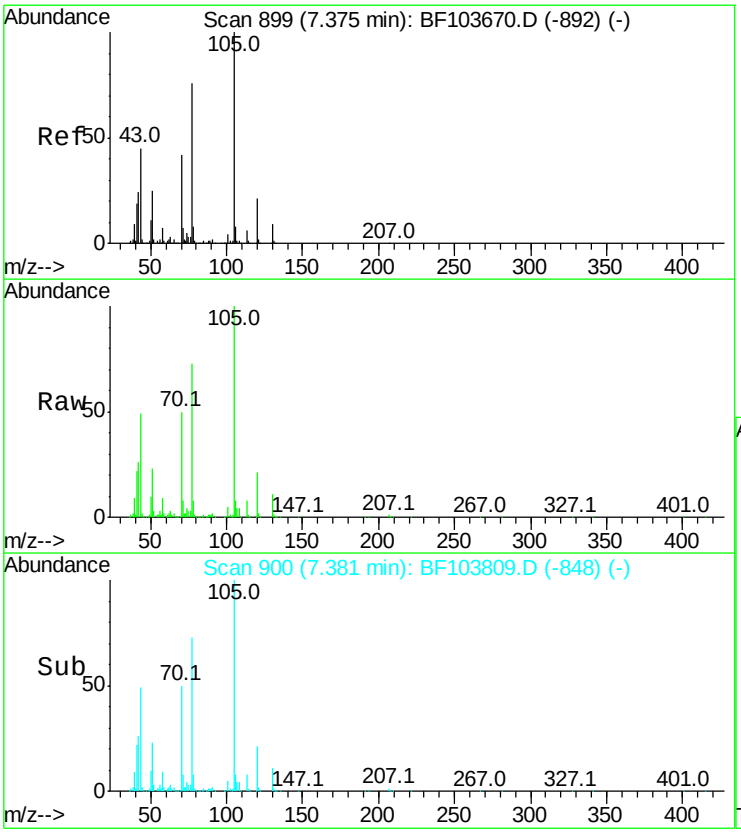
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 598915

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4

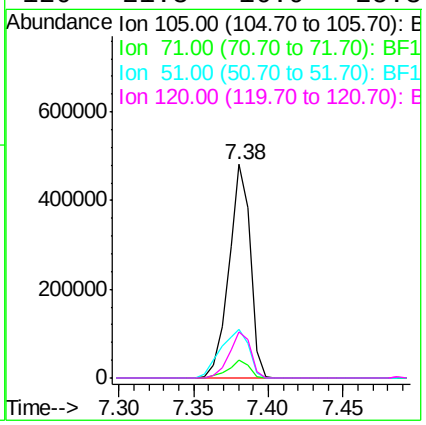


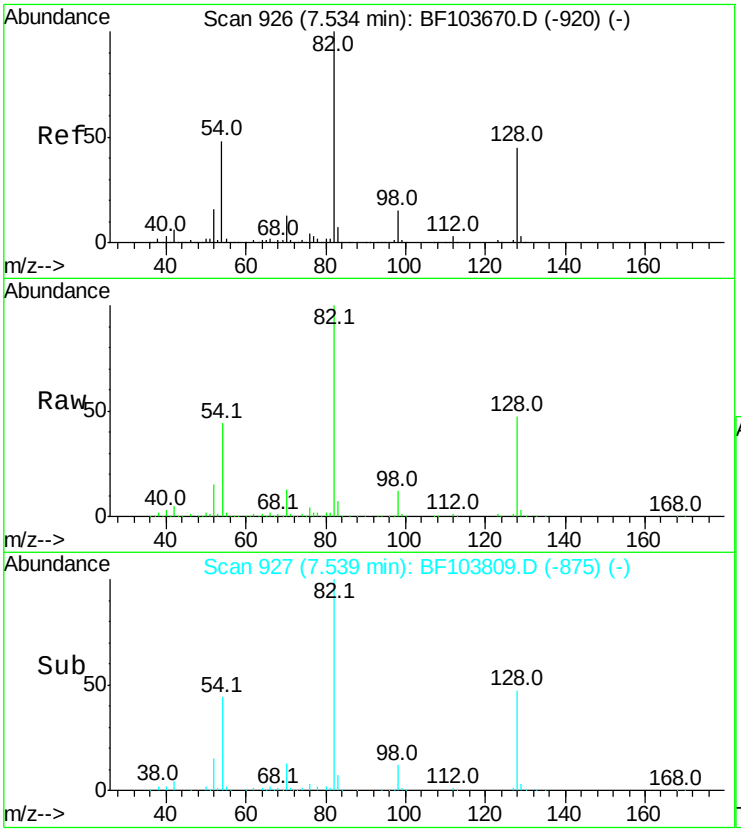


#22
Acetophenone
Concen: 31.591 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:105 Resp: 486257

Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	22.5	22.3	33.5
120	21.3	16.9	25.3

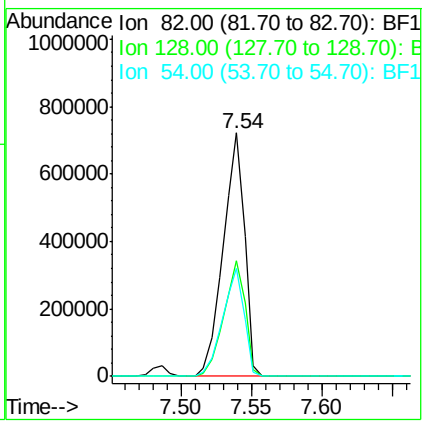




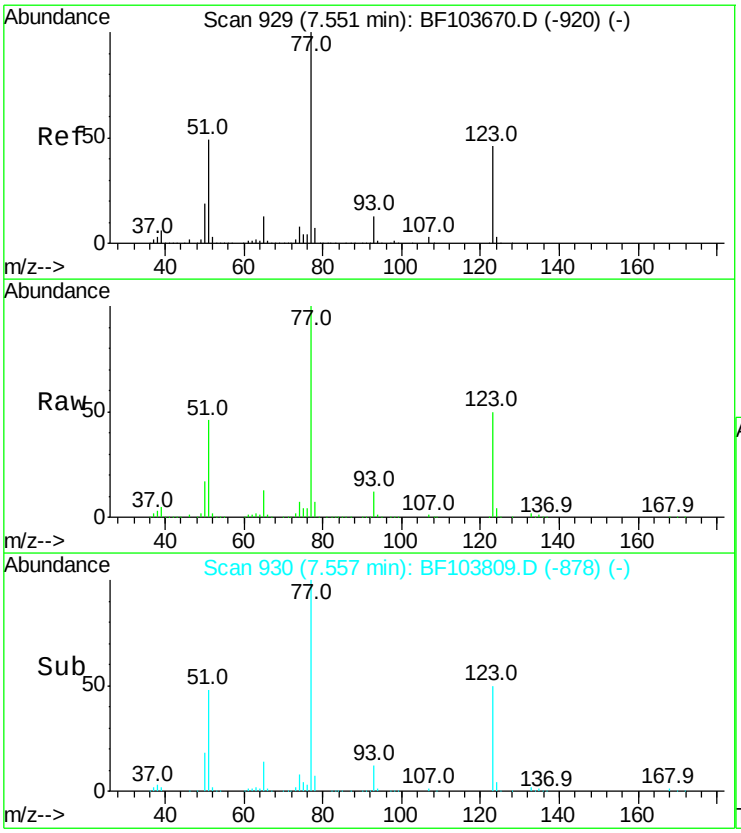
#23
Nitrobenzene-d5
Concen: 88.380 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 82 Resp: 759038

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	44.4	41.4	62.2



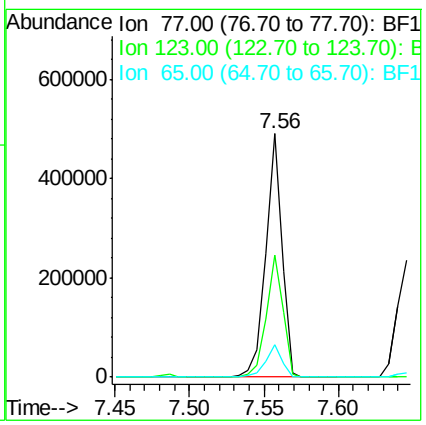
Instrument :
BNA_F
ClientSampleId :

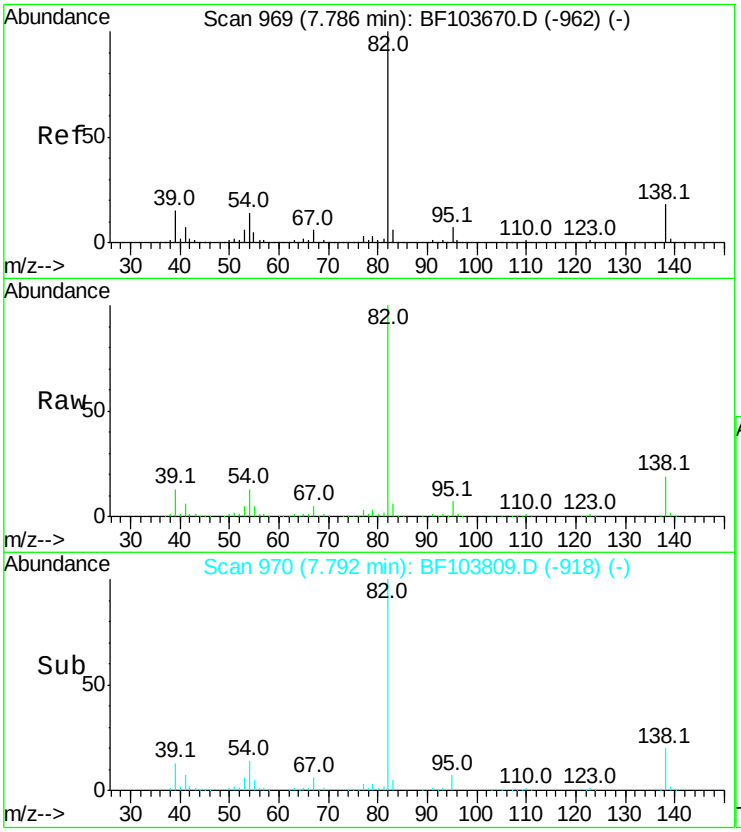


#24
Nitrobenzene
Concen: 36.371 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 77 Resp: 366719

Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	13.2	11.0	16.4



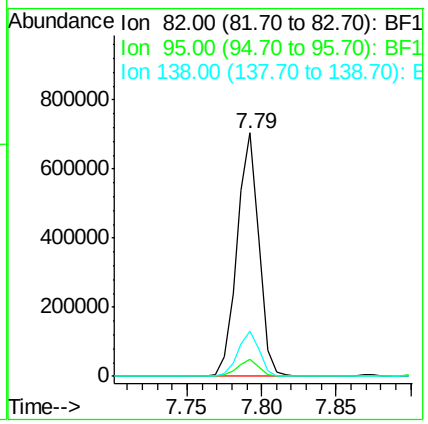


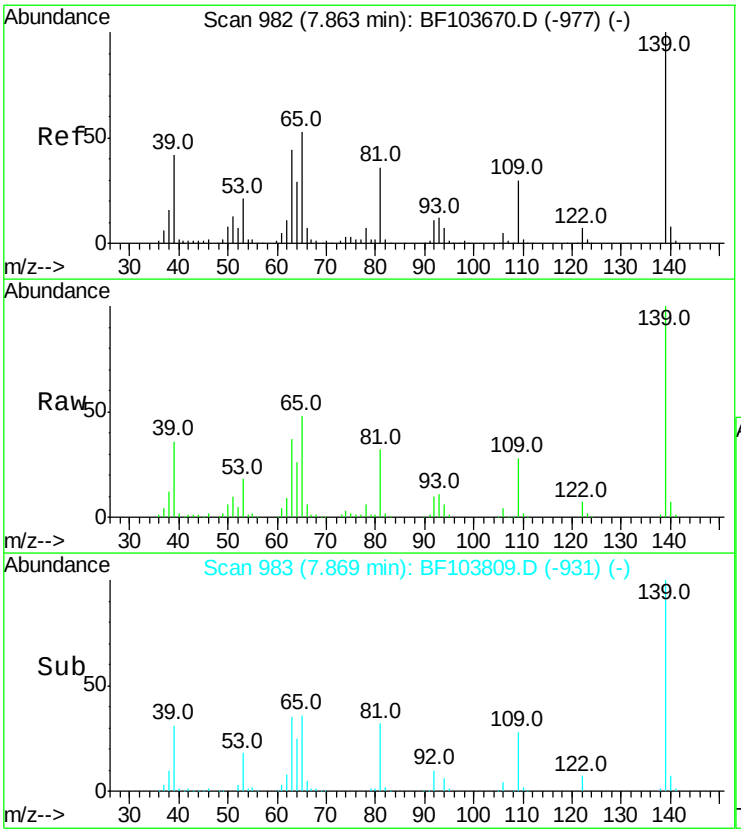
#25
Isophorone
Concen: 36.267 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 721032

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.8	14.9	22.3

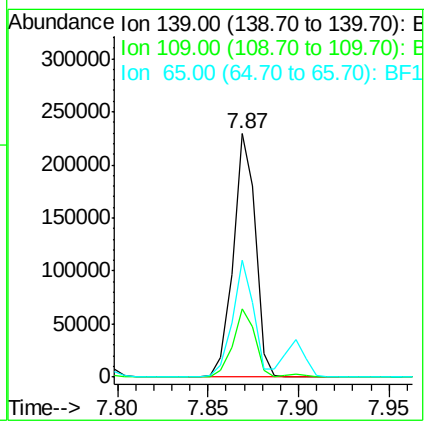


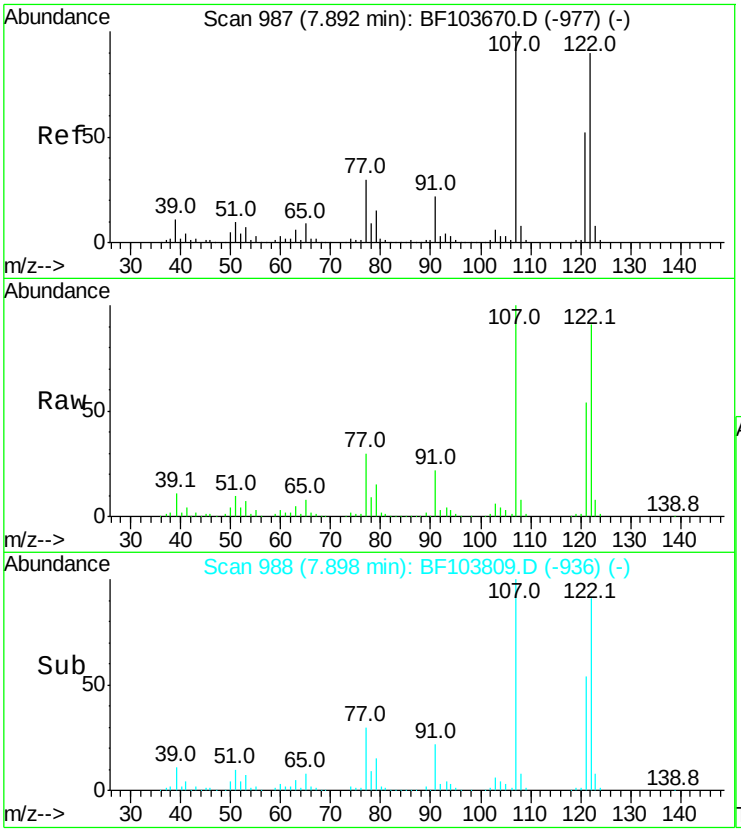


#26
2-Nitrophenol
Concen: 50.356 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:139 Resp: 195384

Ion	Ratio	Lower	Upper
139	100		
109	28.3	22.7	34.1
65	47.9	40.5	60.7



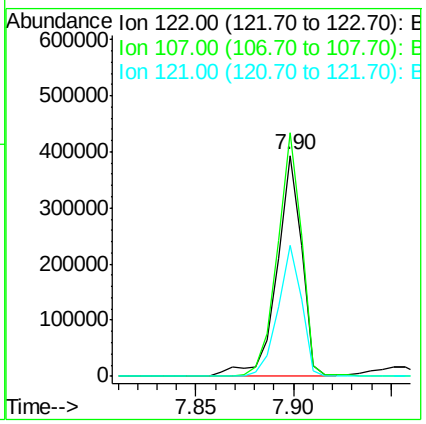


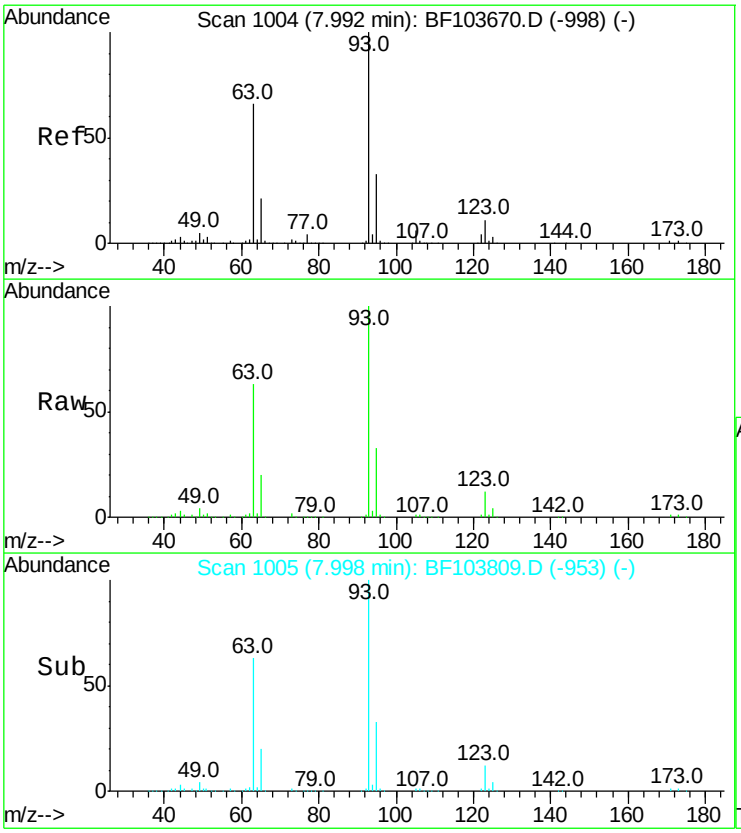
#27
2,4-Dimethylphenol
Concen: 40.572 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 345560

Ion	Ratio	Lower	Upper
122	100		
107	110.3	91.2	136.8
121	59.3	47.2	70.8

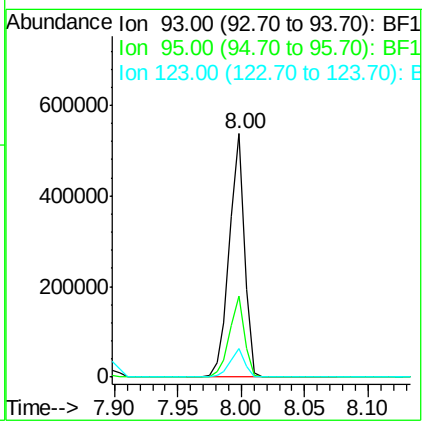


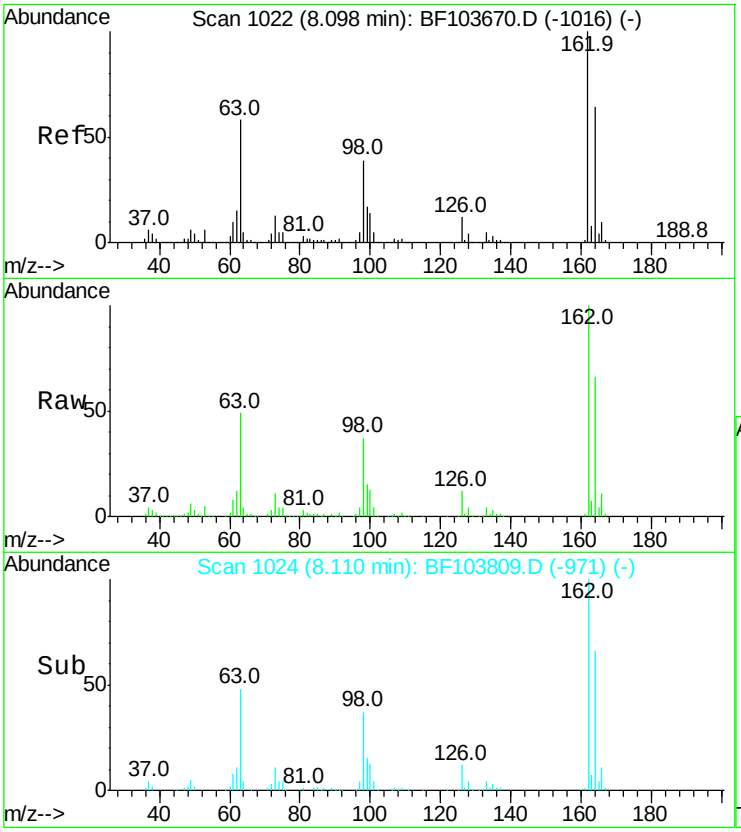


#28
bis(2-Chloroethoxy)methane
Concen: 36.803 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 93 Resp: 443073

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.5	9.8	14.6



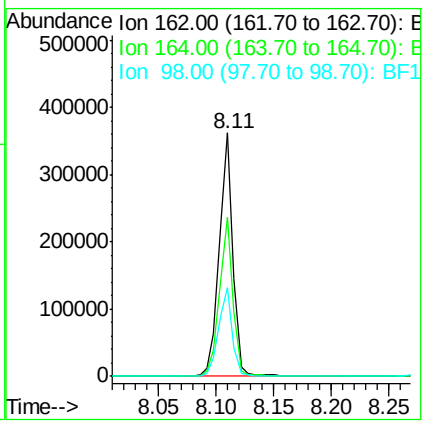


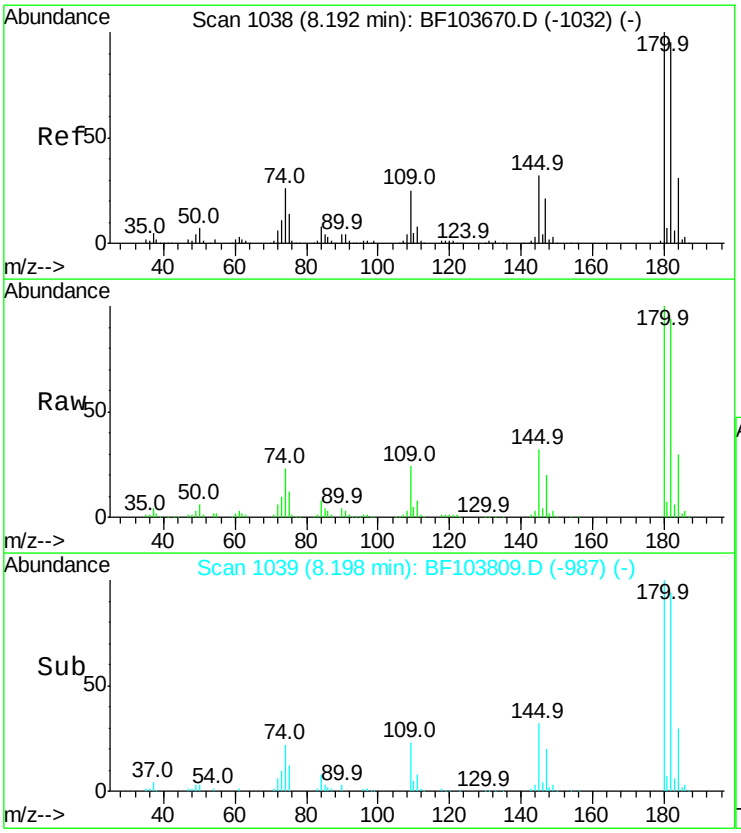
#29
2,4-Dichlorophenol
Concen: 38.685 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 299768

Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	36.6	18.1	58.1

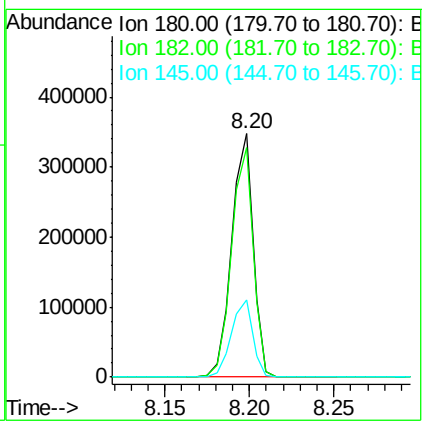


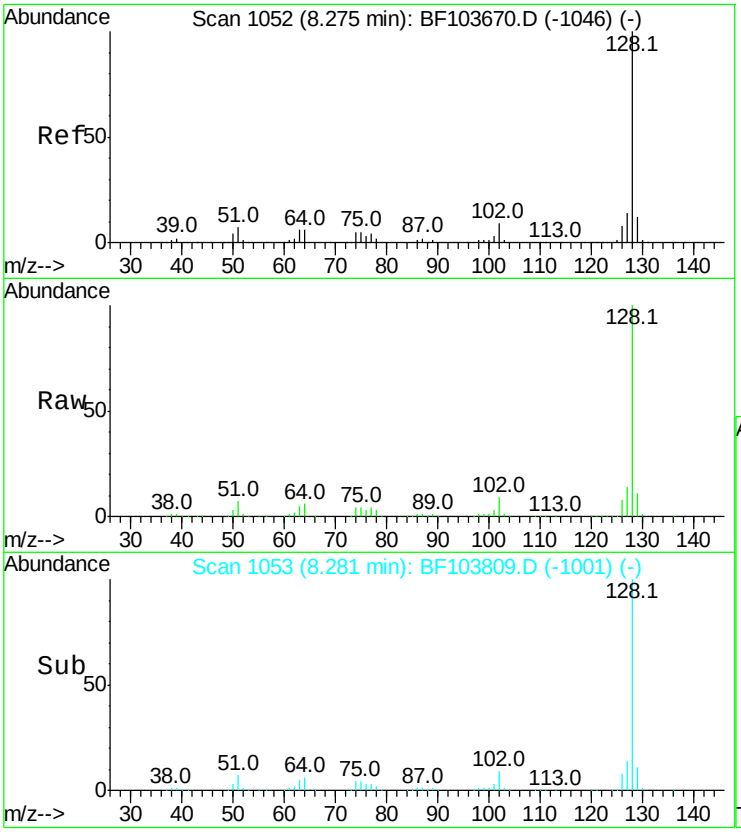


#30
1,2,4-Trichlorobenzene
Concen: 33.919 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:180 Resp: 304847

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	31.7	26.5	39.7



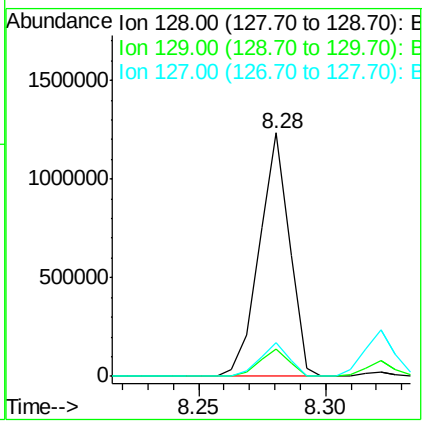


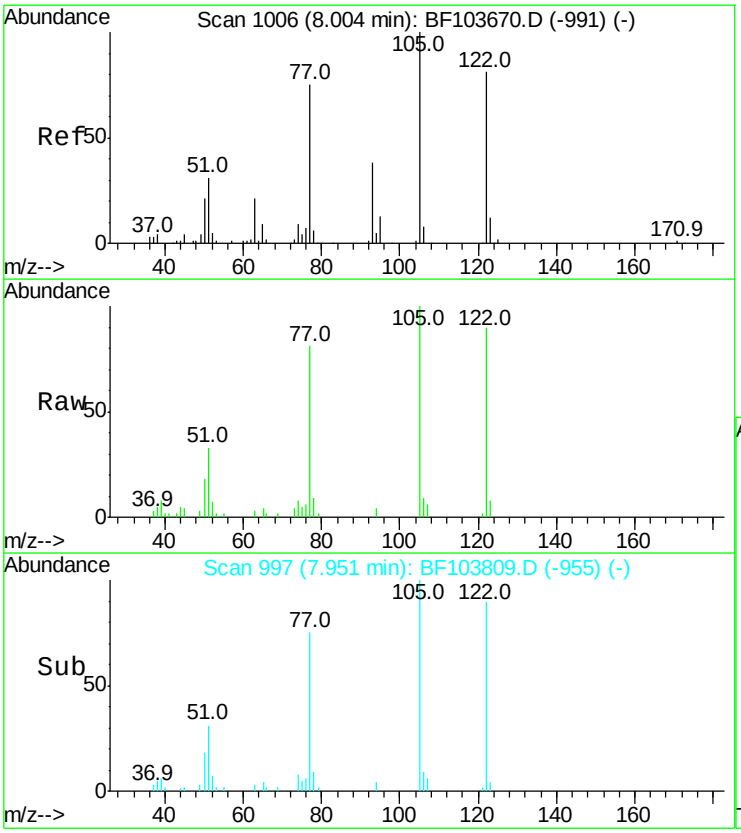
#31
Naphthalene
Concen: 33.771 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1021706

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

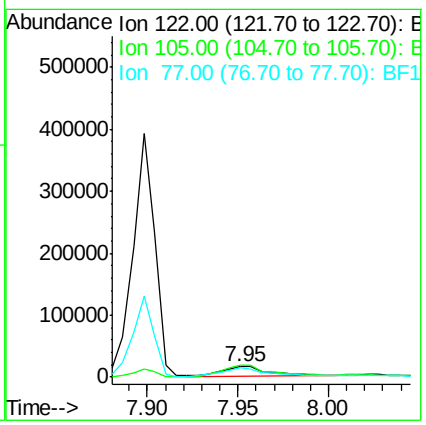


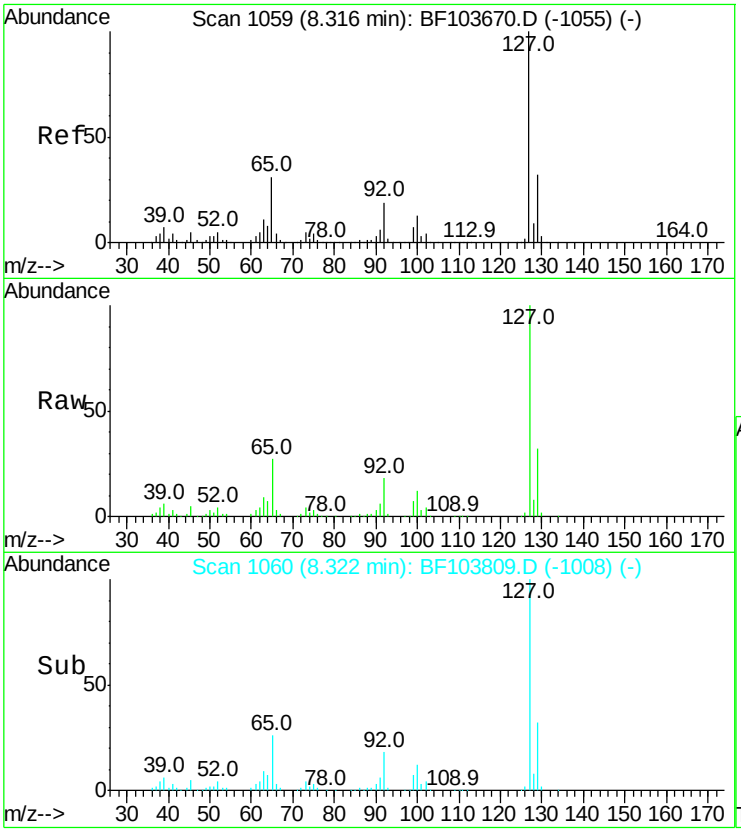


#32
Benzoic acid
Concen: 13.508 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.05 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:122 Resp: 27282

Ion	Ratio	Lower	Upper
122	100		
105	110.9	101.1	141.1
77	89.7	70.7	110.7

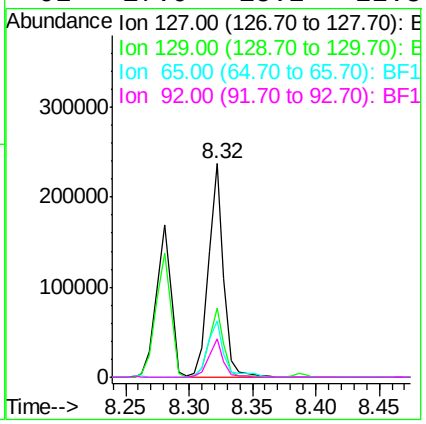




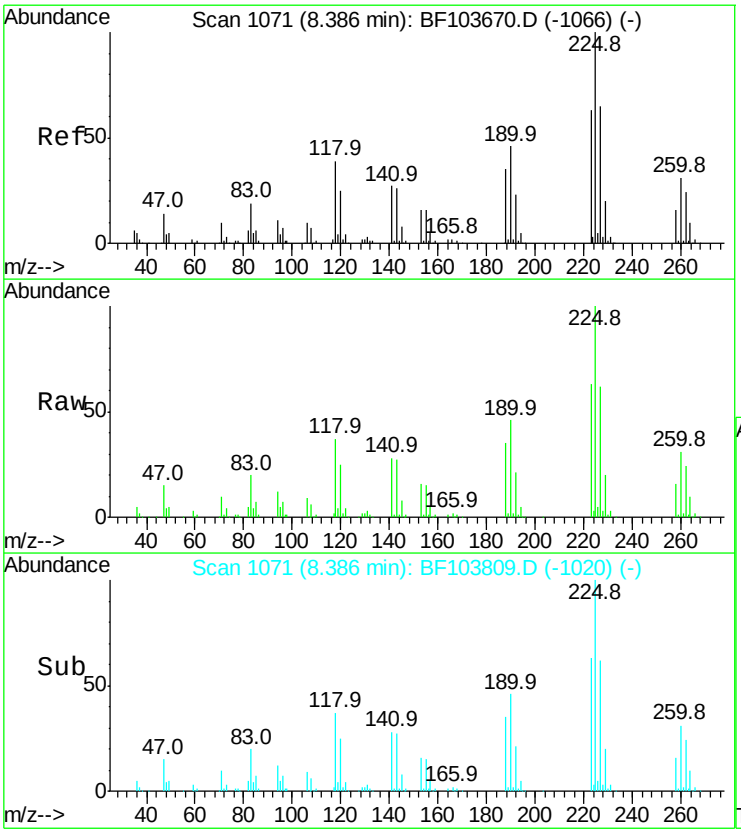
#33
4-Chloroaniline
Concen: 15.605 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:127 Resp: 198063

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	26.5	25.0	37.4
92	17.9	15.2	22.8



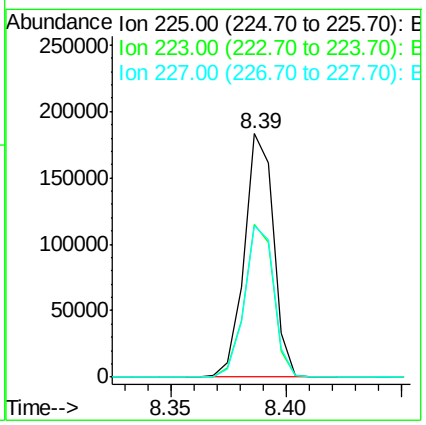
Instrument :
BNA_F
ClientSampleId :

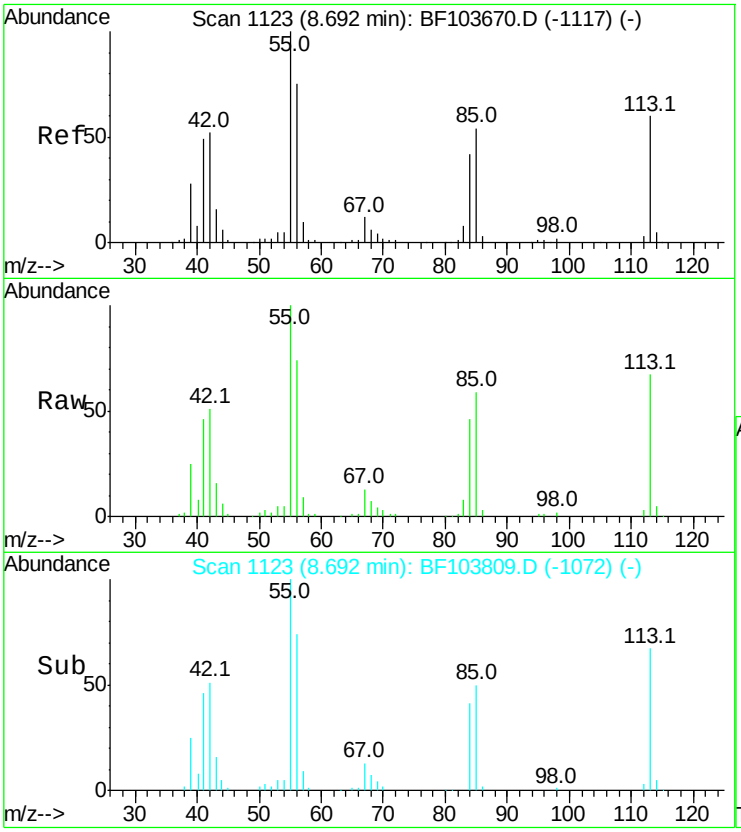


#34
Hexachlorobutadiene
Concen: 32.826 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:225 Resp: 161754

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.1	51.9	77.9



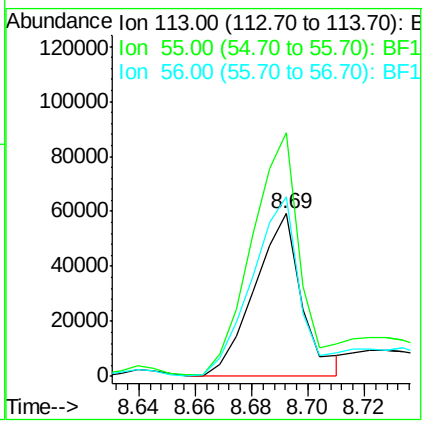


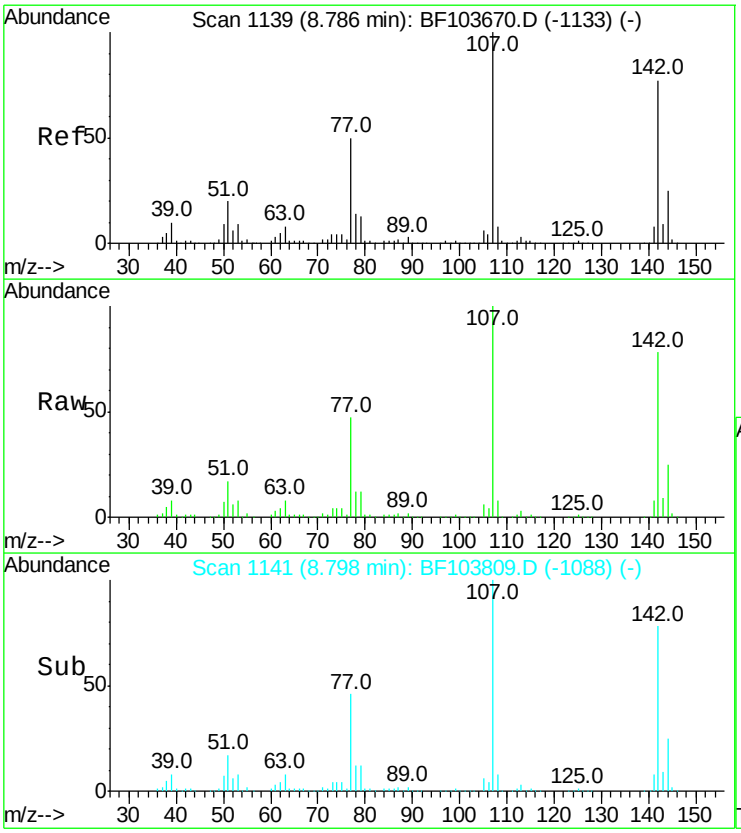
#35
Caprolactam
Concen: 25.972 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 69299

Ion	Ratio	Lower	Upper
113	100		
55	149.9	163.3	203.3#
56	110.9	115.7	155.7#

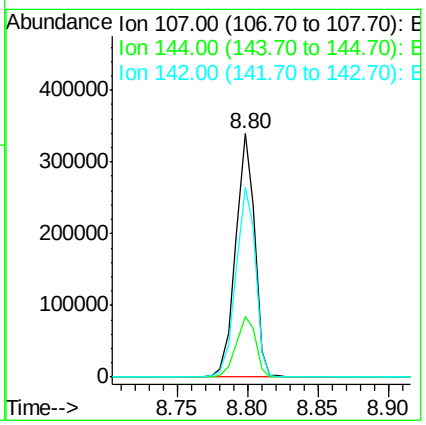


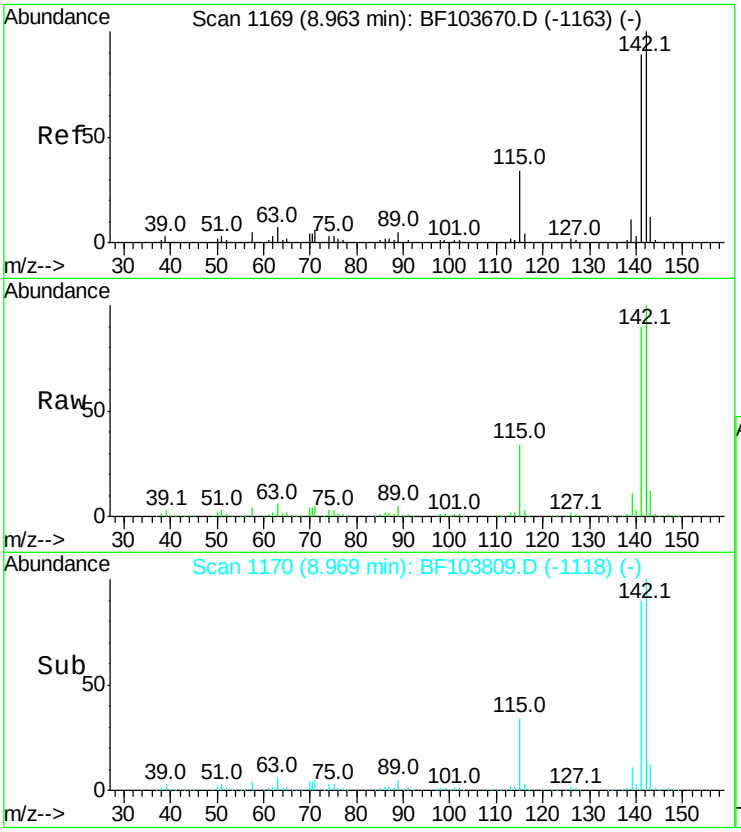


#36
4-Chloro-3-methylphenol
Concen: 37.216 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:107 Resp: 317915

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.5	30.7
142	78.1	62.0	93.0



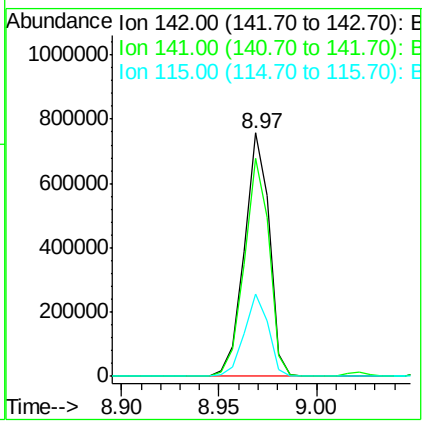


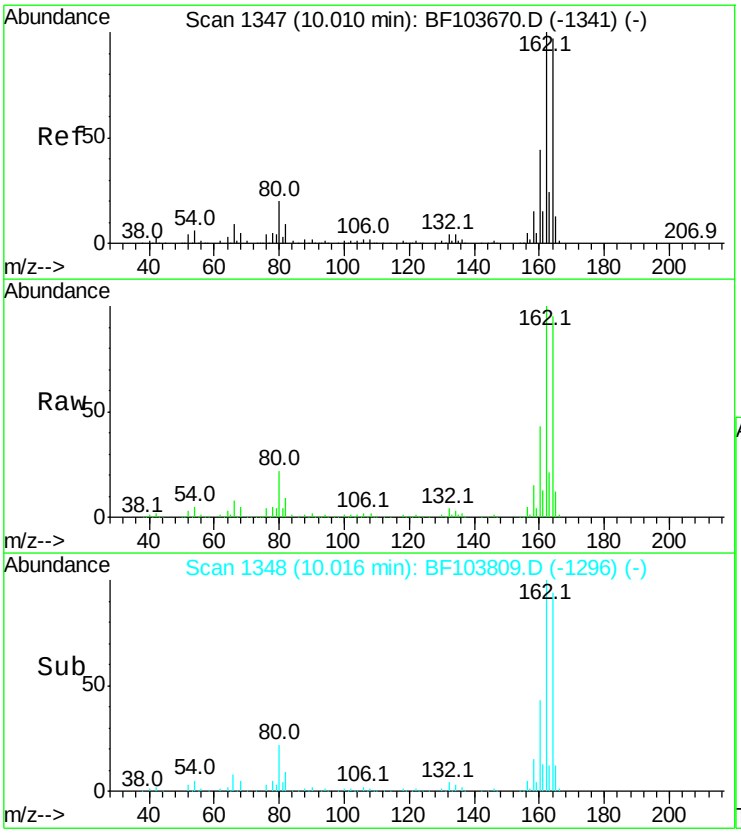
#37
2-Methylnaphthalene
Concen: 34.836 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 668354

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	33.6	26.1	39.1

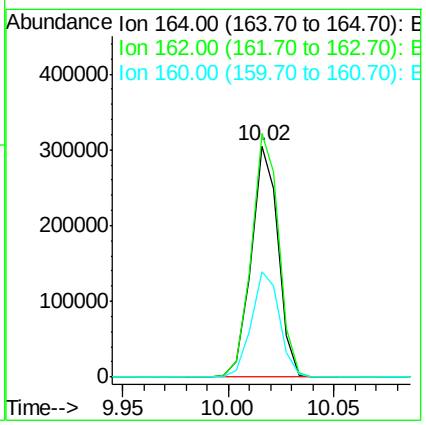


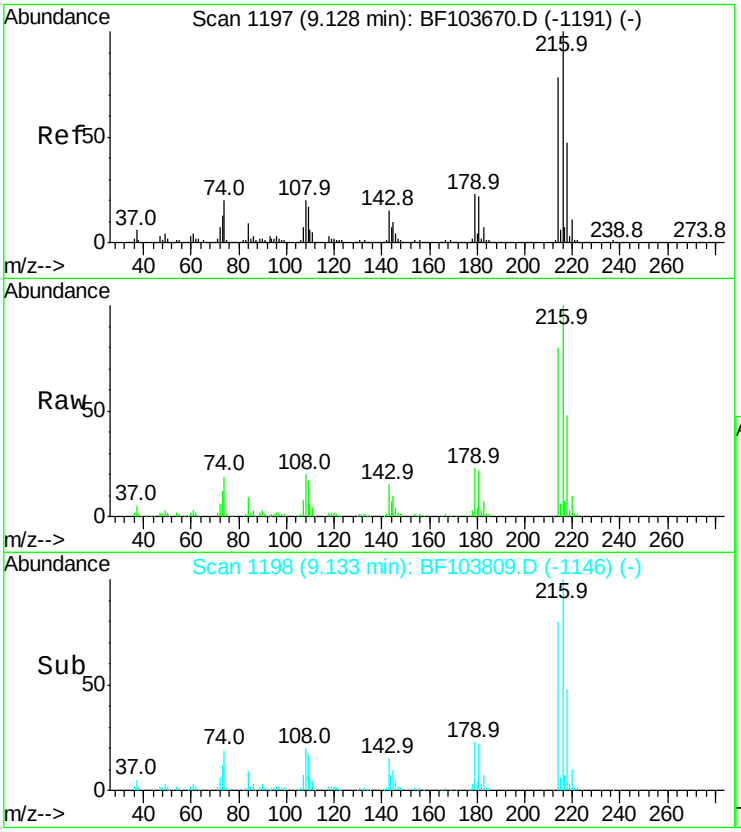


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:164 Resp: 270752

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.3	38.3	57.5



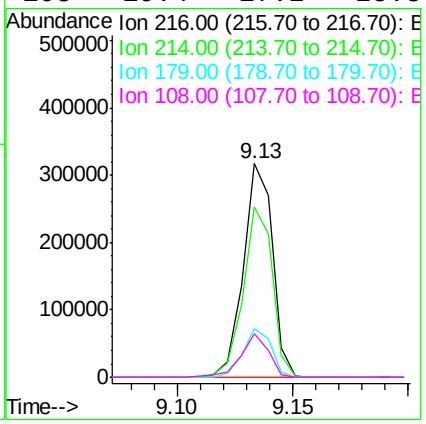


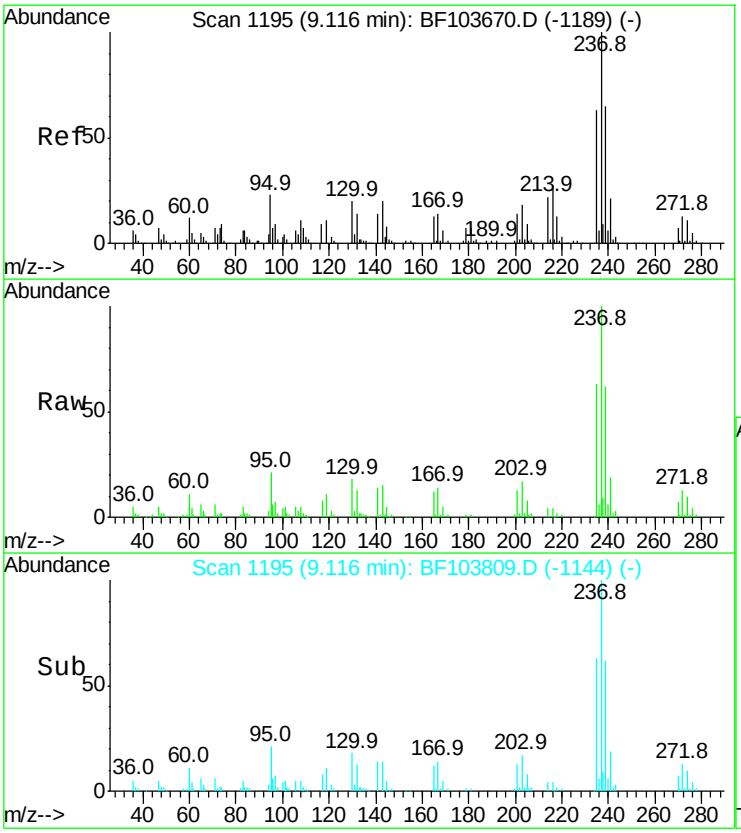
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.362 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 280871

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.3	18.1	27.1
108	19.4	17.2	25.8

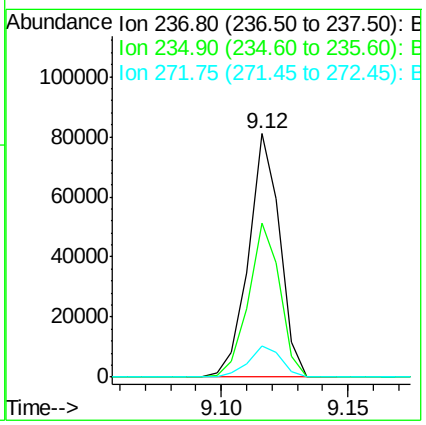


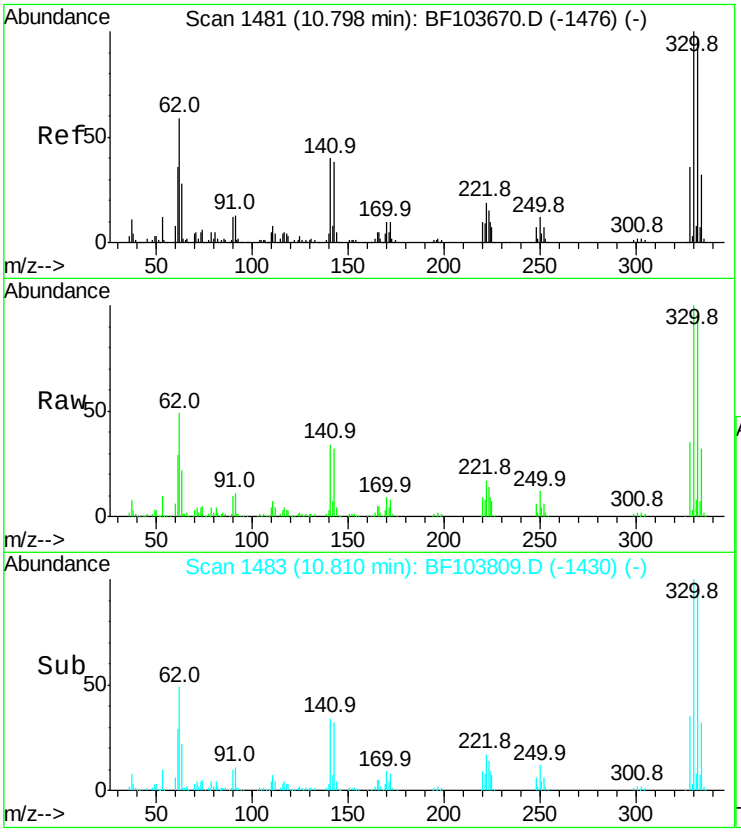


#40
Hexachlorocyclopentadiene
Concen: 17.413 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:237 Resp: 69402

Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	12.8	0.0	33.3



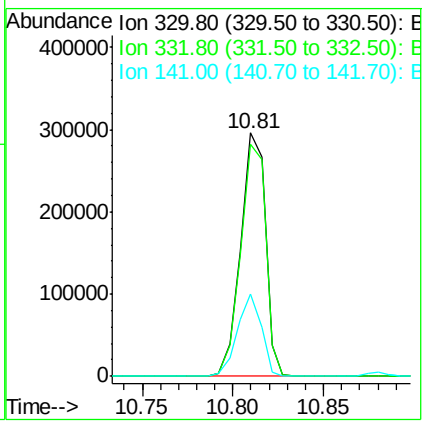


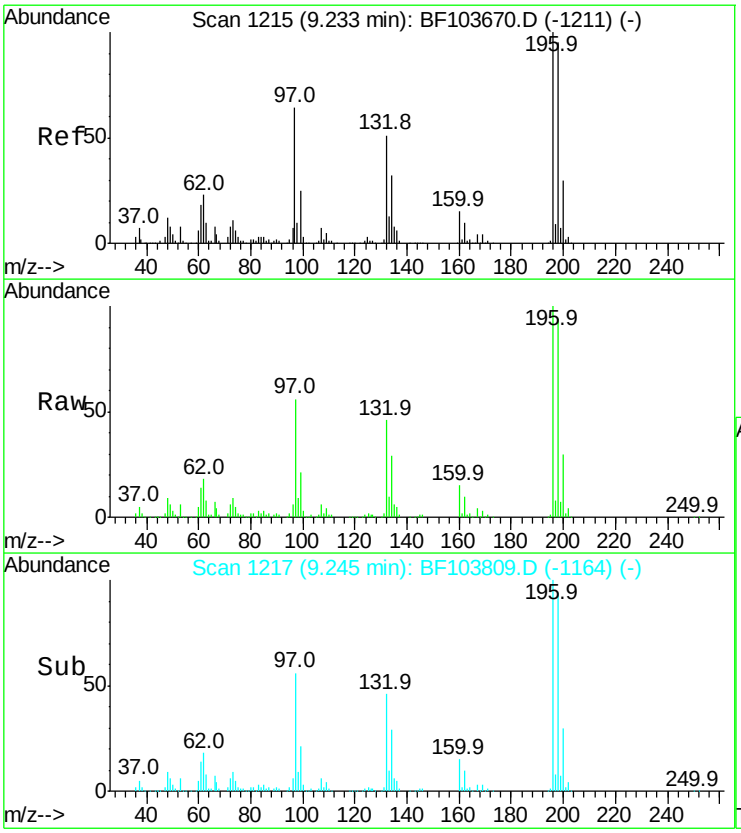
#41
2,4,6-Tribromophenol
Concen: 121.717 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 283351

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.6	29.9	44.9

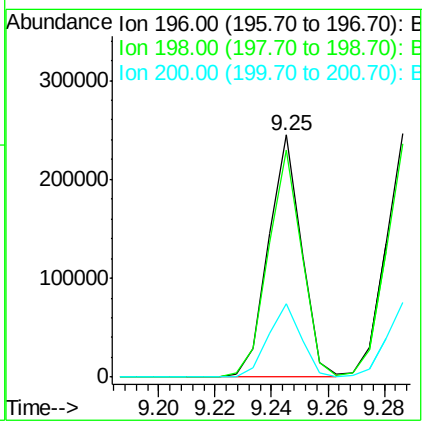


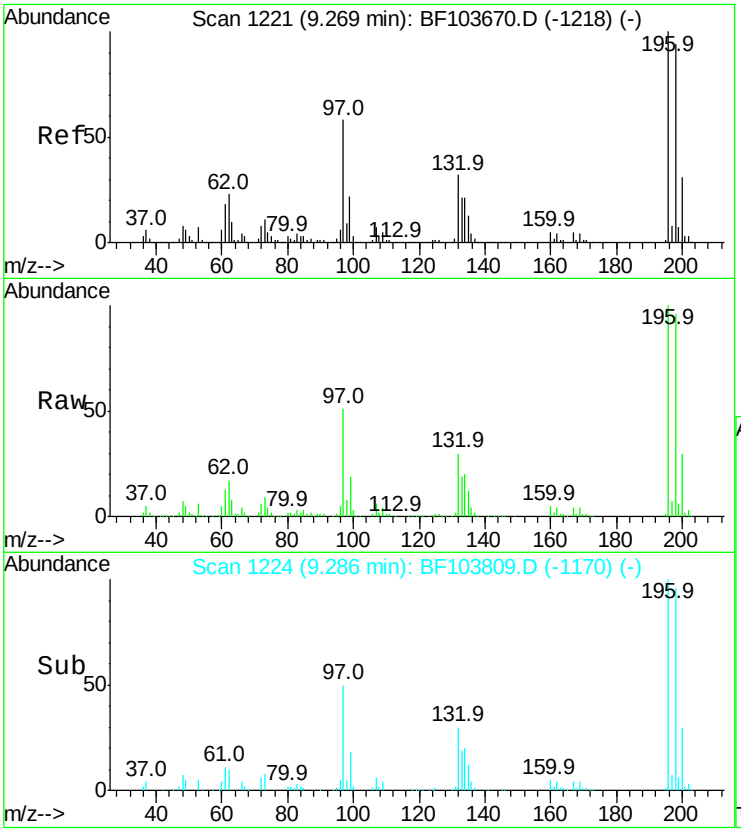


#42
2,4,6-Trichlorophenol
Concen: 40.213 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:196 Resp: 198680

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
200	30.4	24.5	36.7



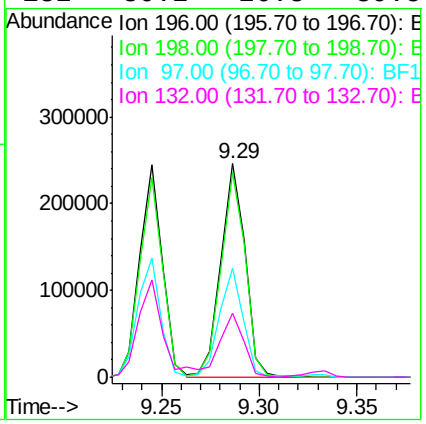


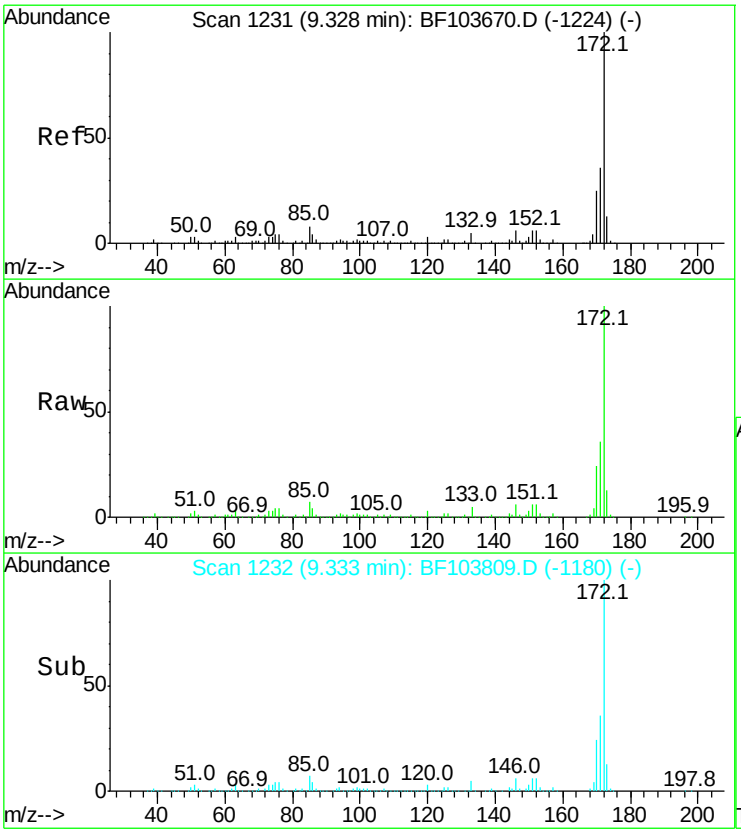
#43
2,4,5-Trichlorophenol
Concen: 38.385 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 214051

Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	50.7	42.9	64.3
132	30.2	26.3	39.5

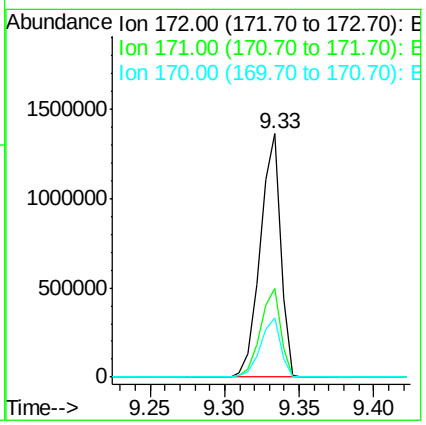


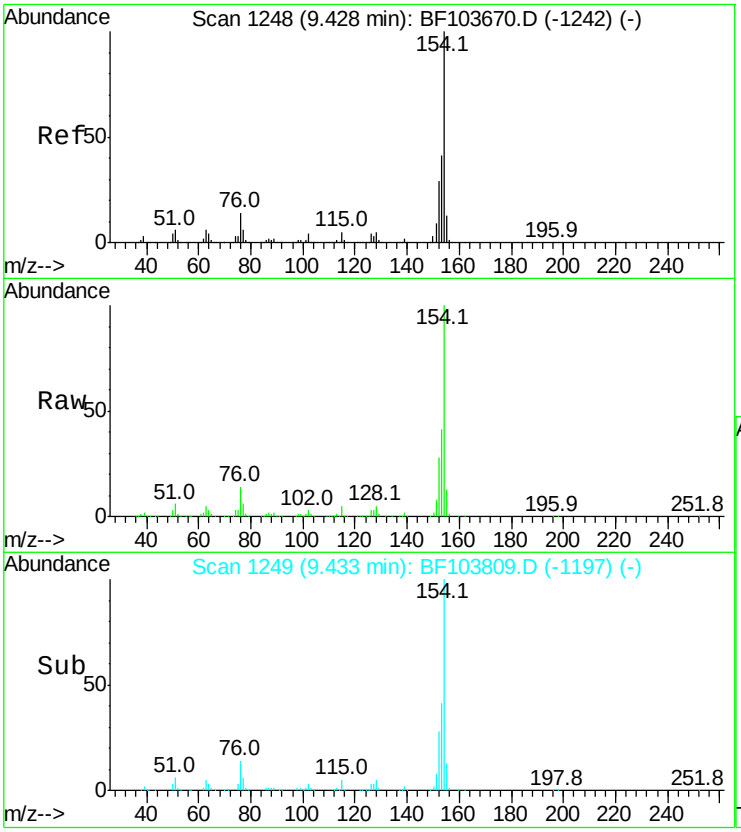


#44
2-Fluorobiphenyl
Concen: 75.083 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:172 Resp: 1274415

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



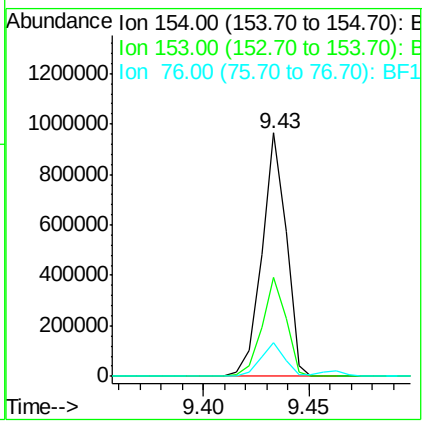


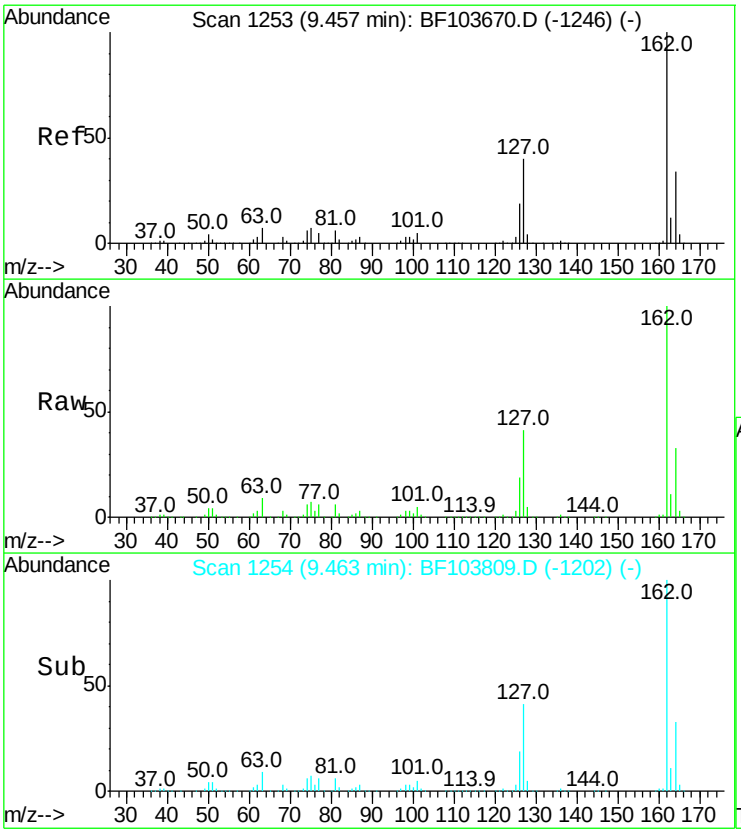
#45
1,1'-Biphenyl
Concen: 34.241 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 773062

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.7	0.0	34.0

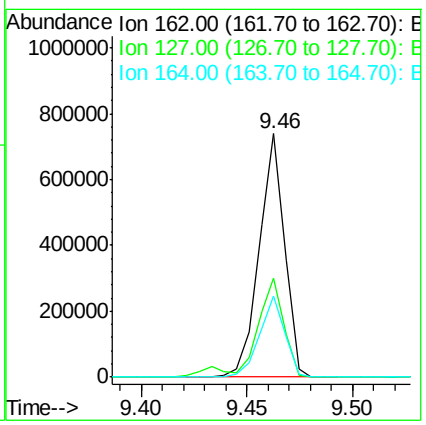


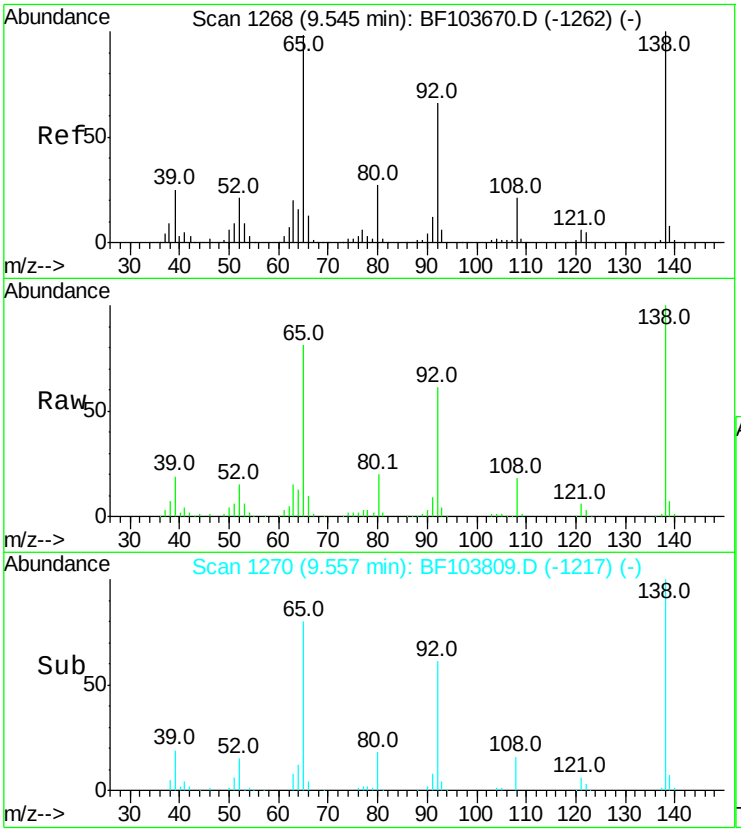


#46
2-Chloronaphthalene
Concen: 34.385 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:162 Resp: 616591

Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.3	26.5	39.7



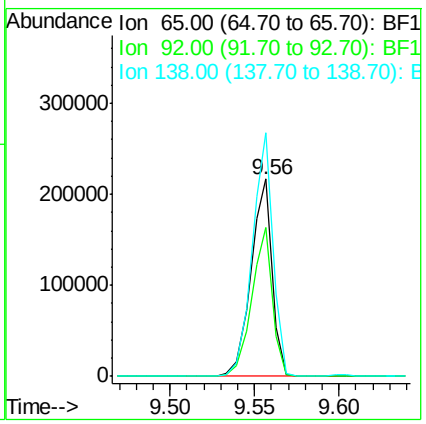


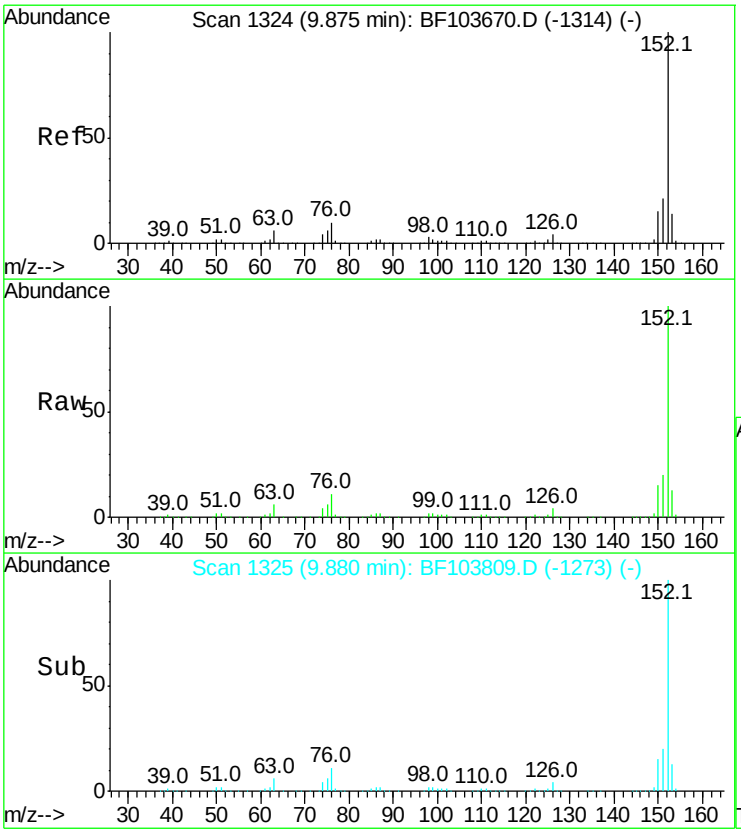
#47
2-Nitroaniline
Concen: 41.709 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 190770

Ion	Ratio	Lower	Upper
65	100		
92	75.4	55.8	83.6
138	123.6	91.2	136.8

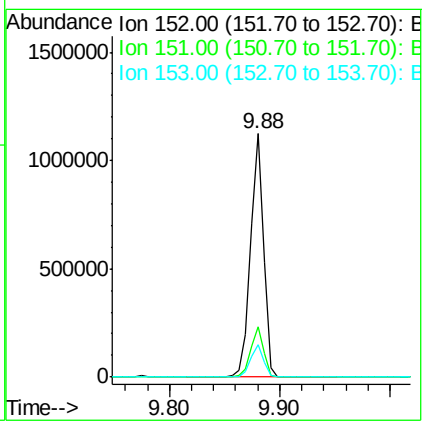


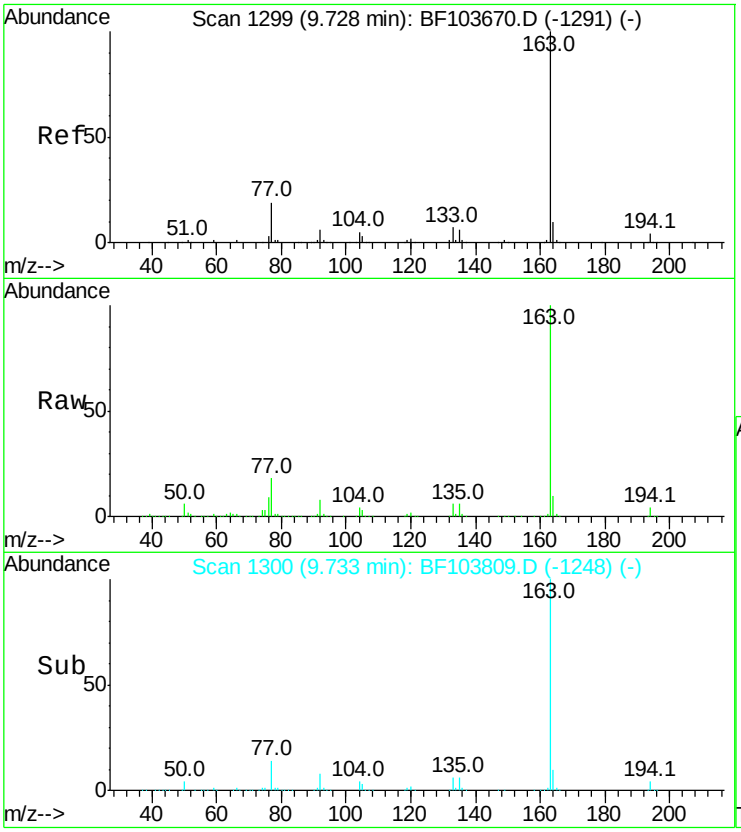


#48
Acenaphthylene
Concen: 33.660 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:152 Resp: 935983

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1



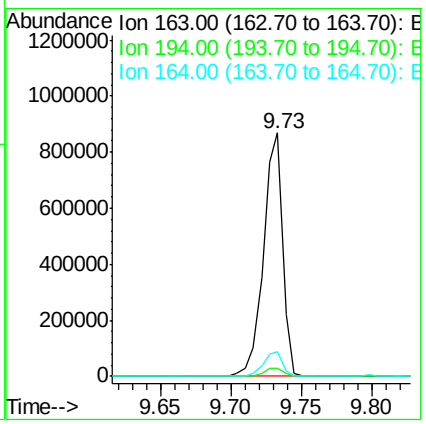


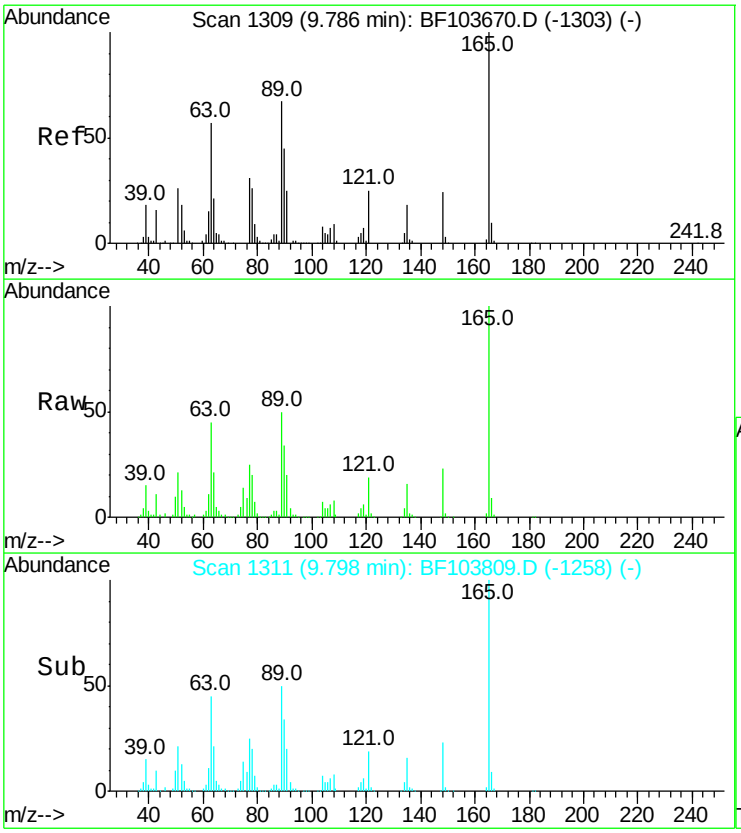
#49
Dimethylphthalate
Concen: 40.328 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 833053

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

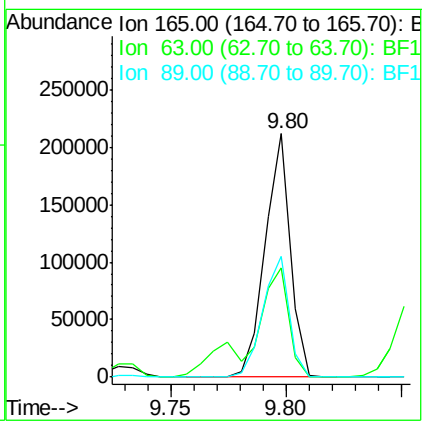


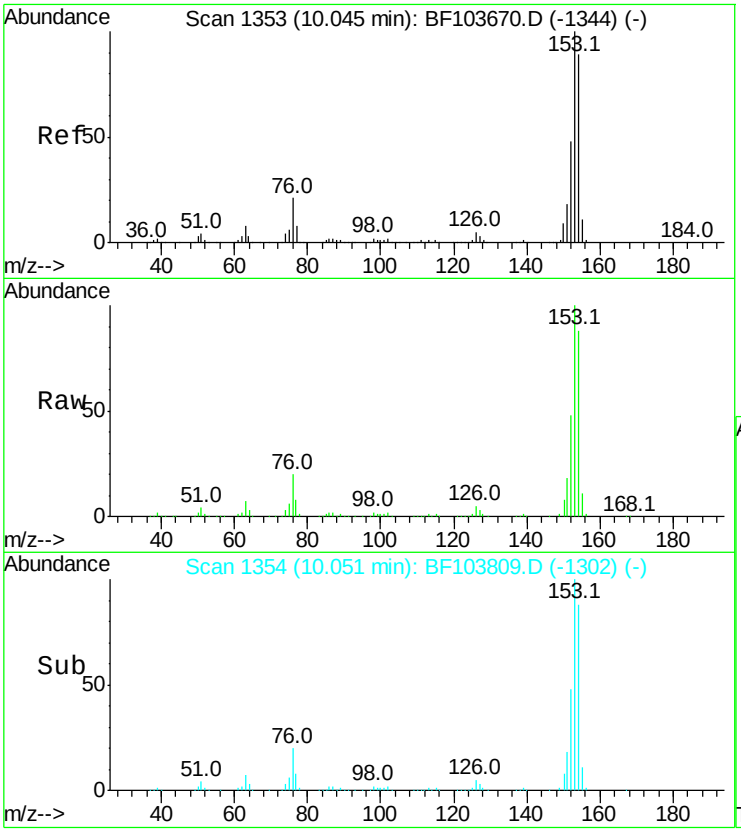


#50
2,6-Dinitrotoluene
Concen: 41.037 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:165 Resp: 161466

Ion	Ratio	Lower	Upper
165	100		
63	44.7	44.7	67.1
89	49.5	44.0	66.0



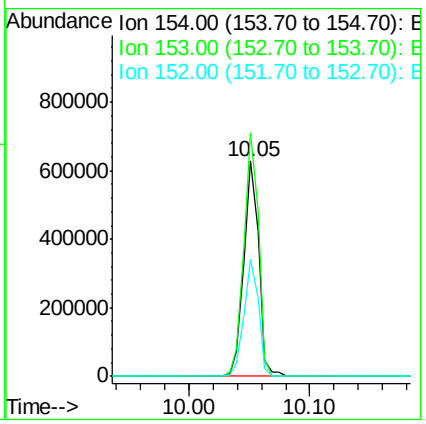


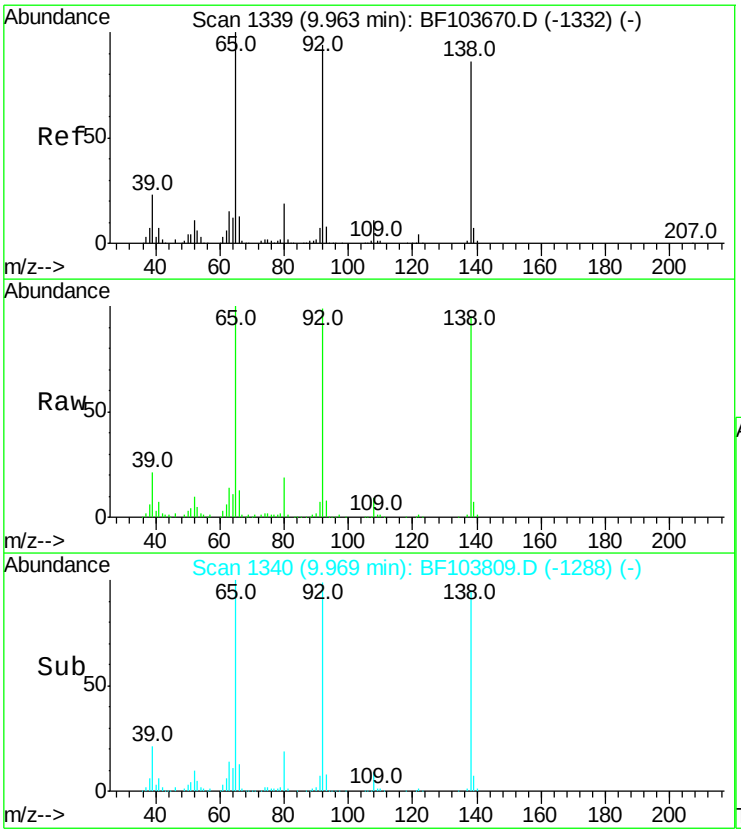
#51
Acenaphthene
Concen: 33.092 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 546382

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	54.3	43.8	65.8

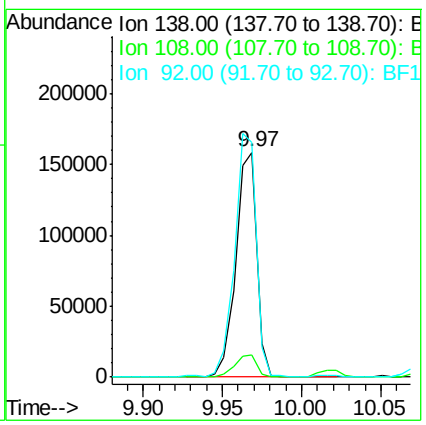


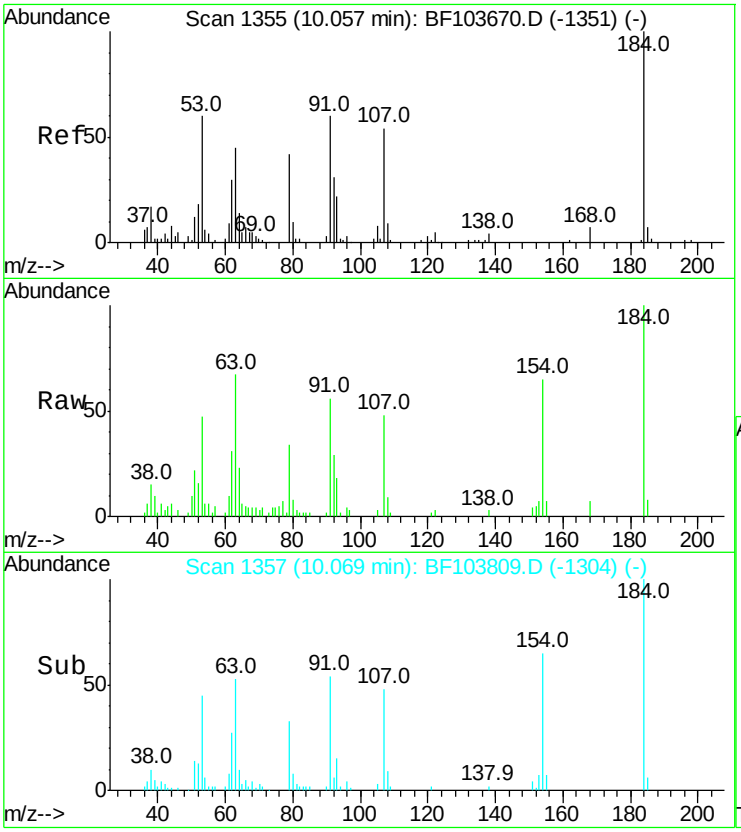


#52
3-Nitroaniline
Concen: 31.748 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:138 Resp: 145326

Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	104.4	89.4	134.2



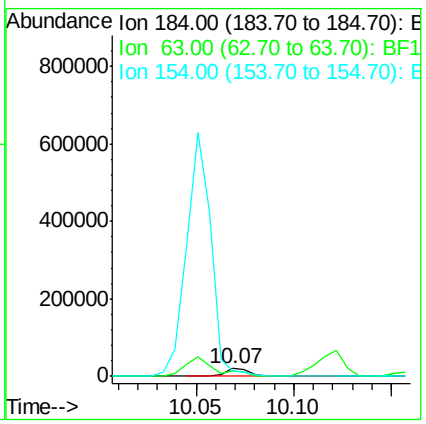


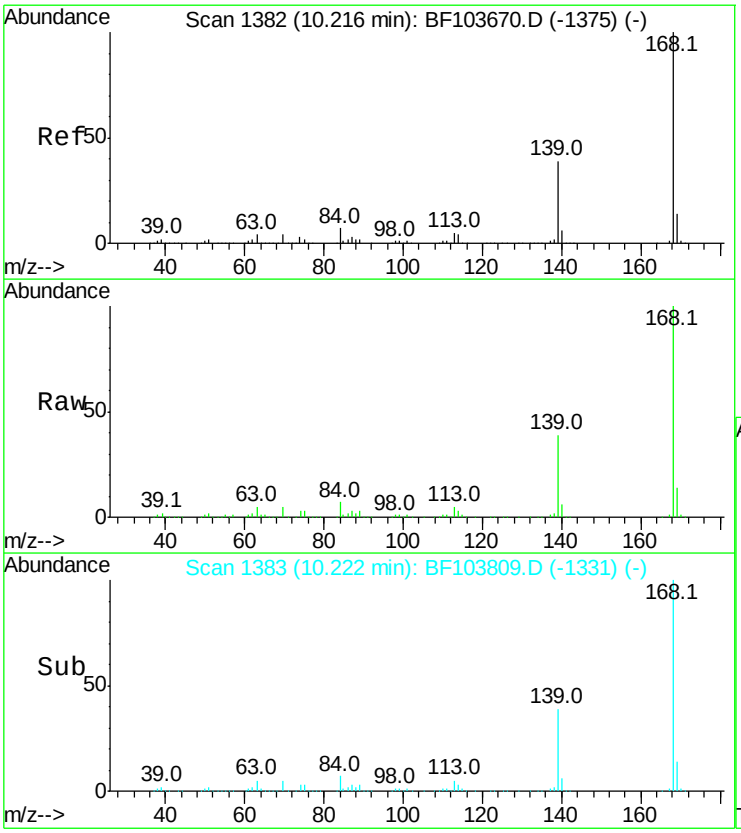
#53
2,4-Dinitrophenol
Concen: 30.216 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 18357

Ion	Ratio	Lower	Upper
184	100		
63	66.9	54.2	81.2
154	64.9	184.0	276.0#

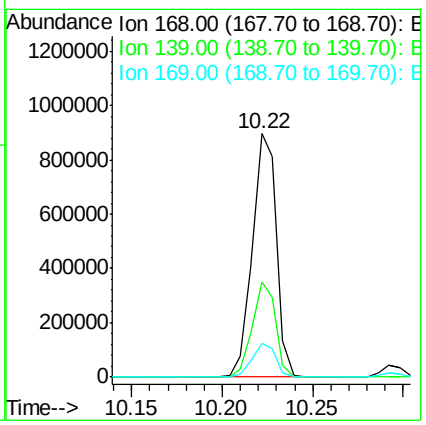


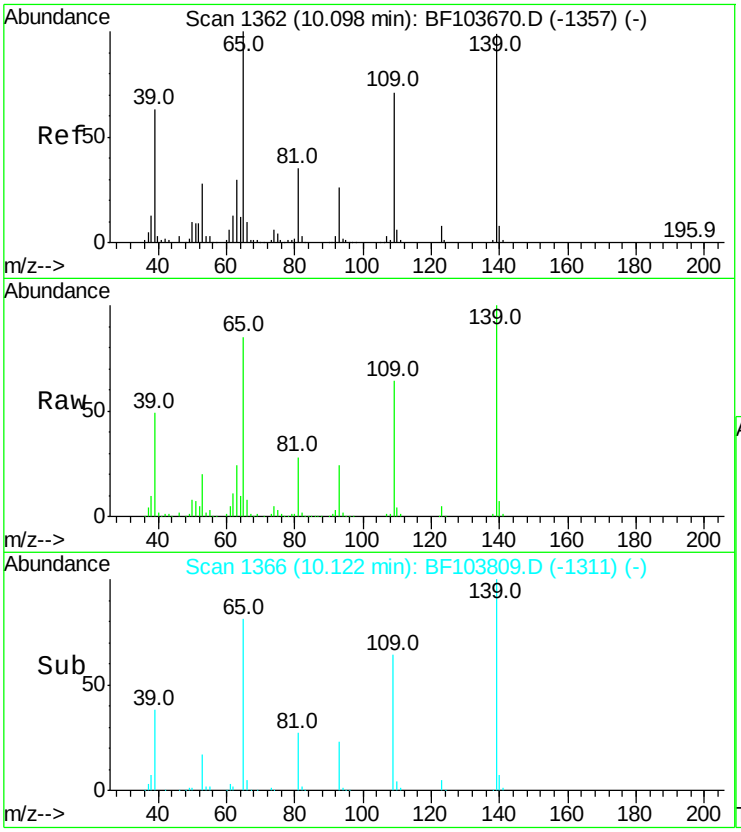


#54
Dibenzofuran
Concen: 34.931 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:168 Resp: 823700

Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	14.0	10.9	16.3



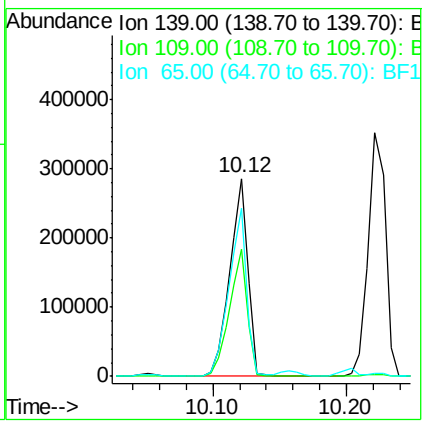


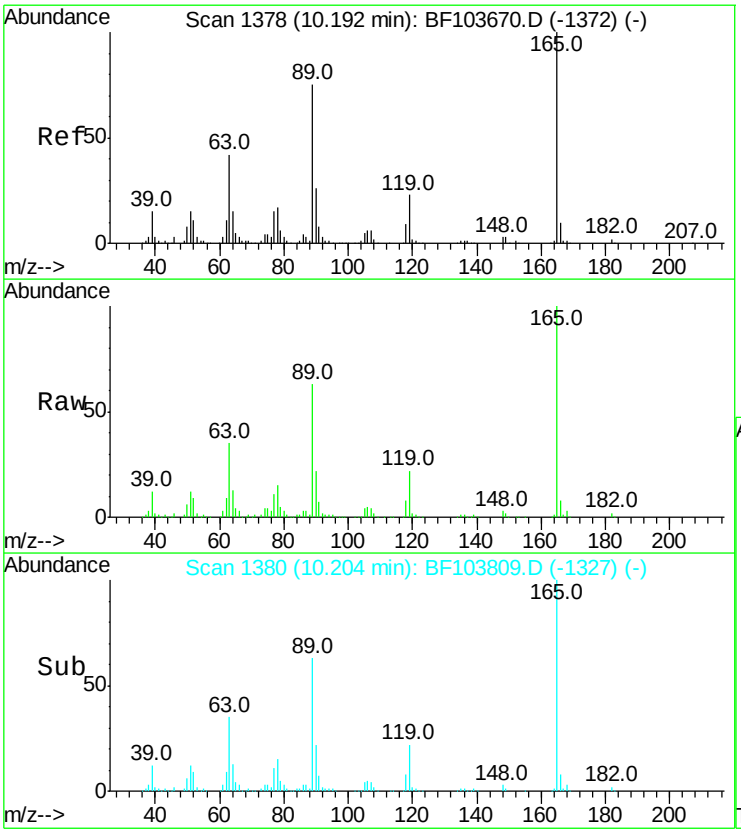
#55
4-Nitrophenol
Concen: 73.631 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 276870

Ion	Ratio	Lower	Upper
139	100		
109	64.0	48.4	88.4
65	85.3	72.6	112.6

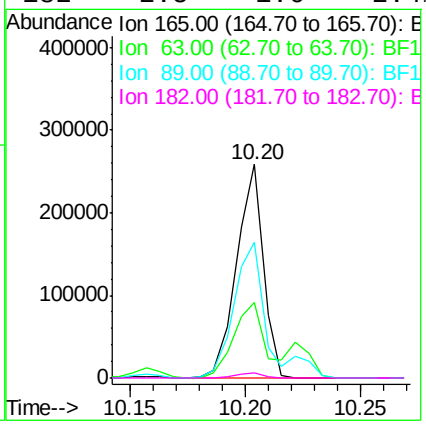


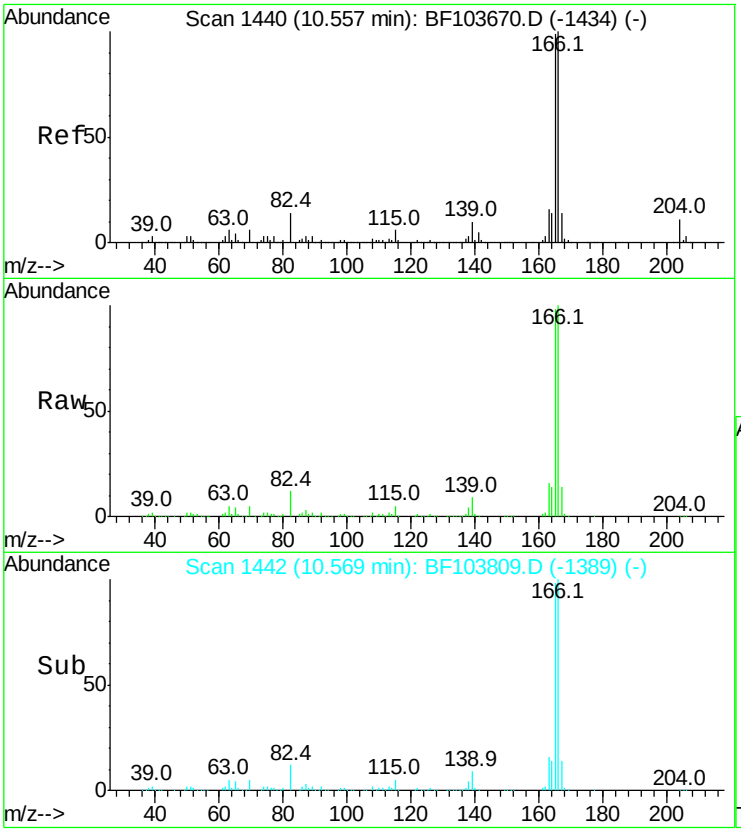


#56
2,4-Dinitrotoluene
Concen: 42.289 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:165 Resp: 209791

Ion	Ratio	Lower	Upper
165	100		
63	35.2	36.4	54.6#
89	63.4	57.8	86.6
182	2.5	1.6	2.4#



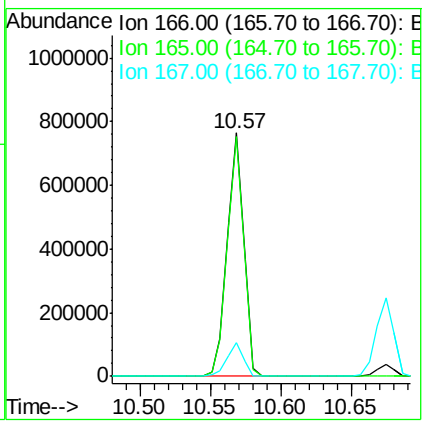


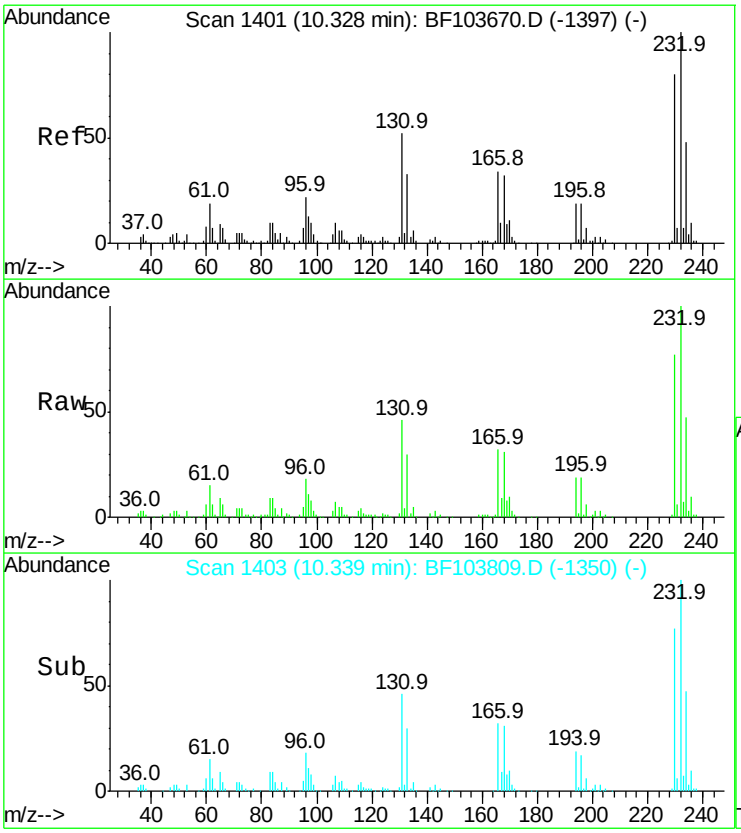
#57
Fluorene
Concen: 34.347 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 628479

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.7	10.6	16.0

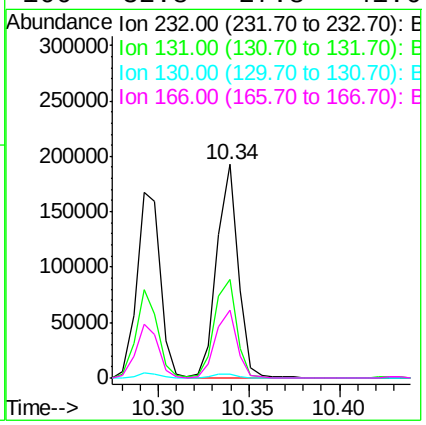


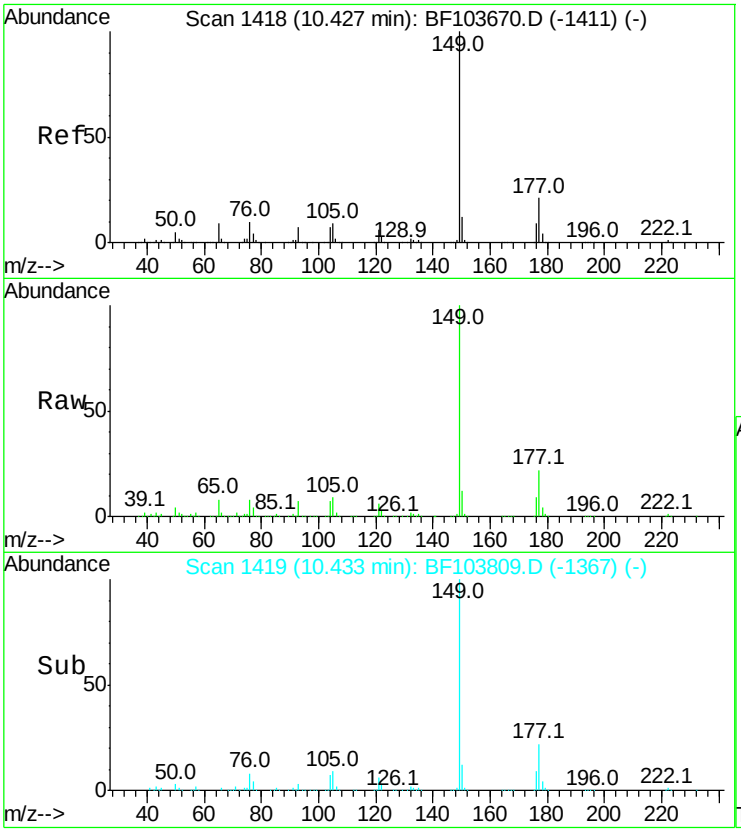


#58
2,3,4,6-Tetrachlorophenol
Concen: 39.695 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:232 Resp: 156849

Ion	Ratio	Lower	Upper
232	100		
131	48.9	43.8	65.8
130	2.2	2.1	3.1
166	32.8	27.8	41.6



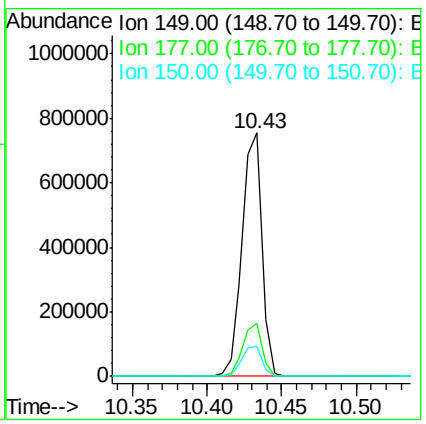


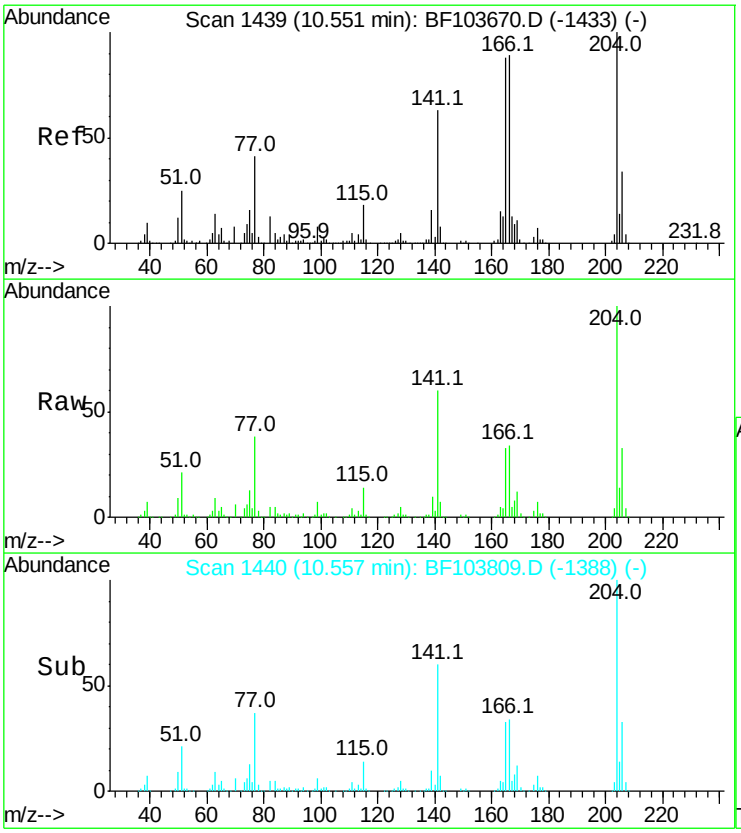
#59
Diethylphthalate
Concen: 34.056 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 698235

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.1	10.1	15.1

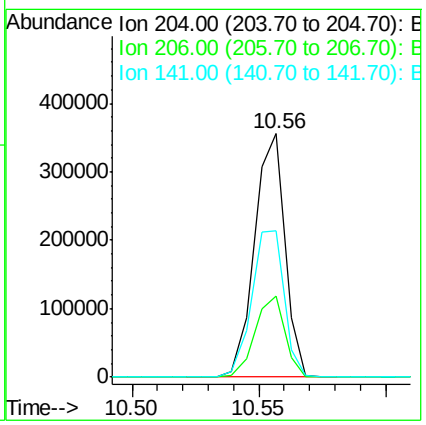


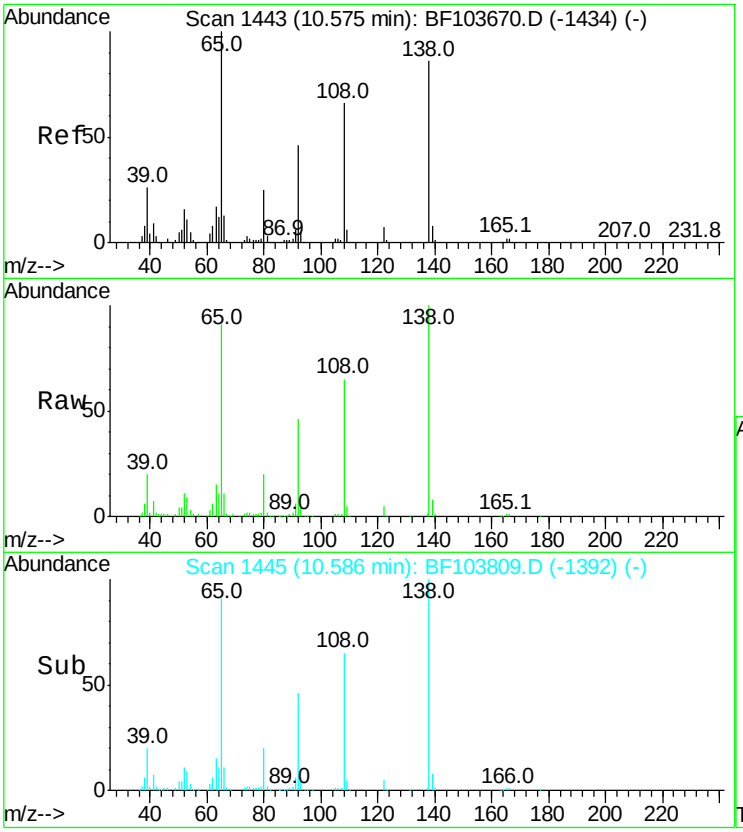


#60
4-Chlorophenyl-phenylether
Concen: 35.740 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:204 Resp: 298878

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	60.0	54.6	81.8



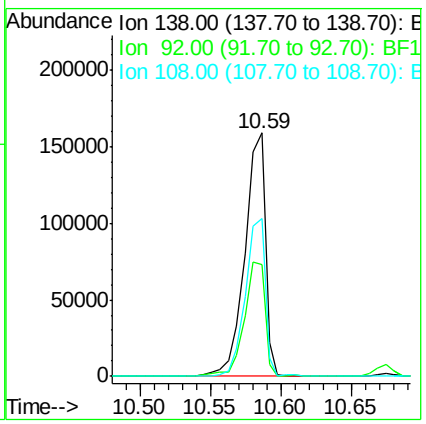


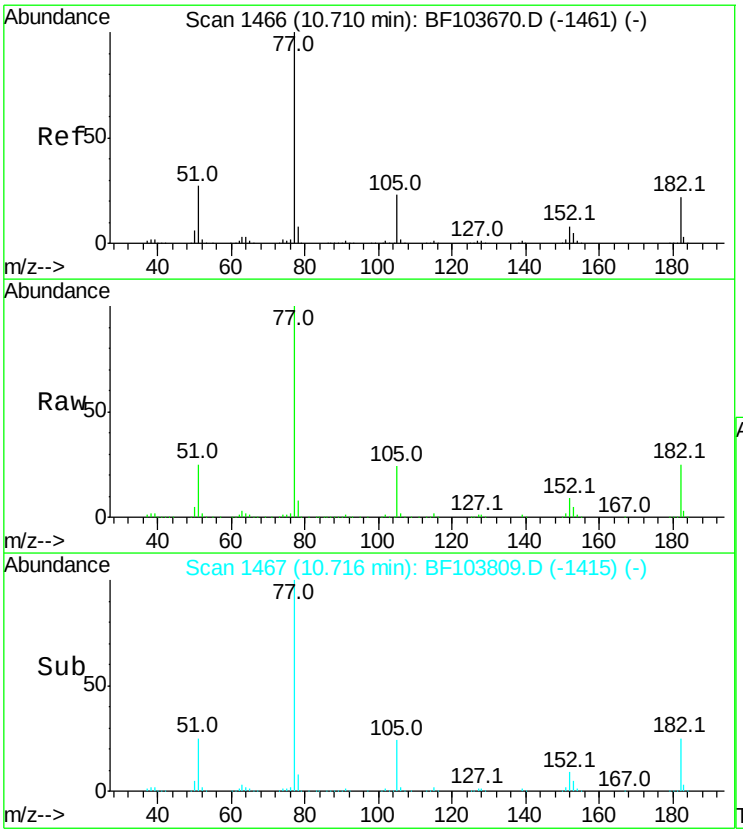
#61
4-Nitroaniline
Concen: 36.382 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 163158

Ion	Ratio	Lower	Upper
138	100		
92	45.8	30.2	70.2
108	65.0	52.5	92.5

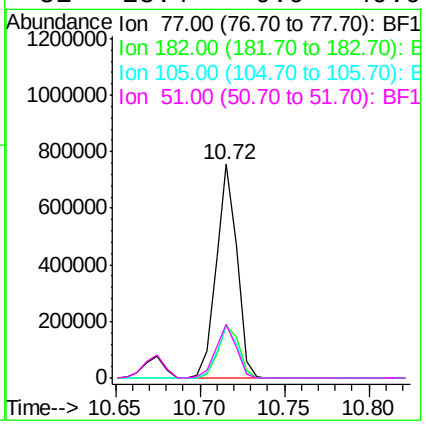


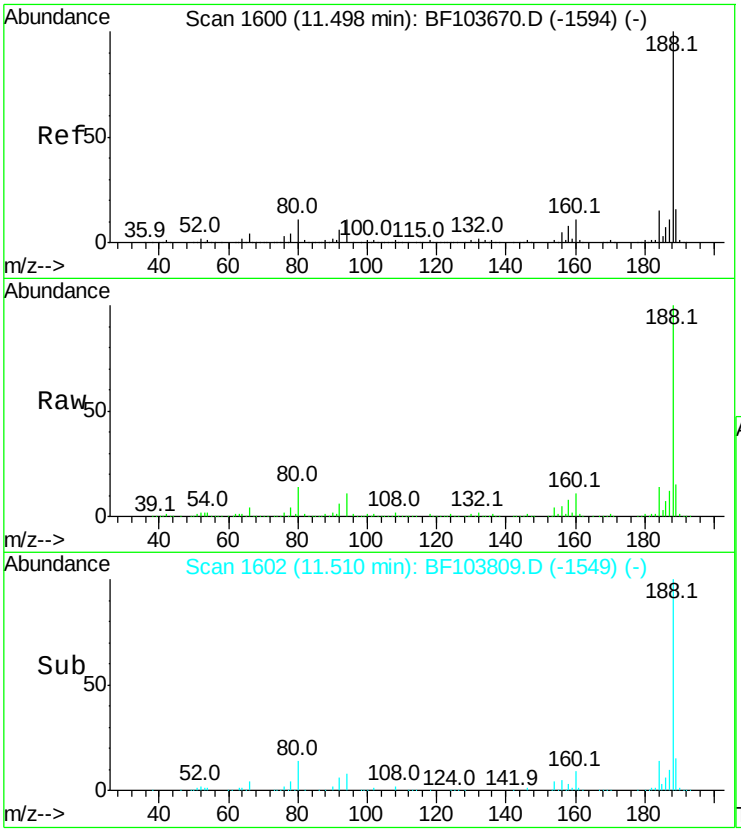


#62
Azobenzene
Concen: 30.970 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion: 77 Resp: 645546

Ion	Ratio	Lower	Upper
77	100		
182	24.8	1.7	41.7
105	24.5	3.0	43.0
51	25.4	9.9	49.9



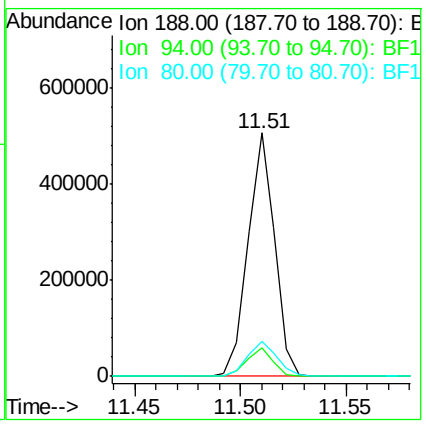


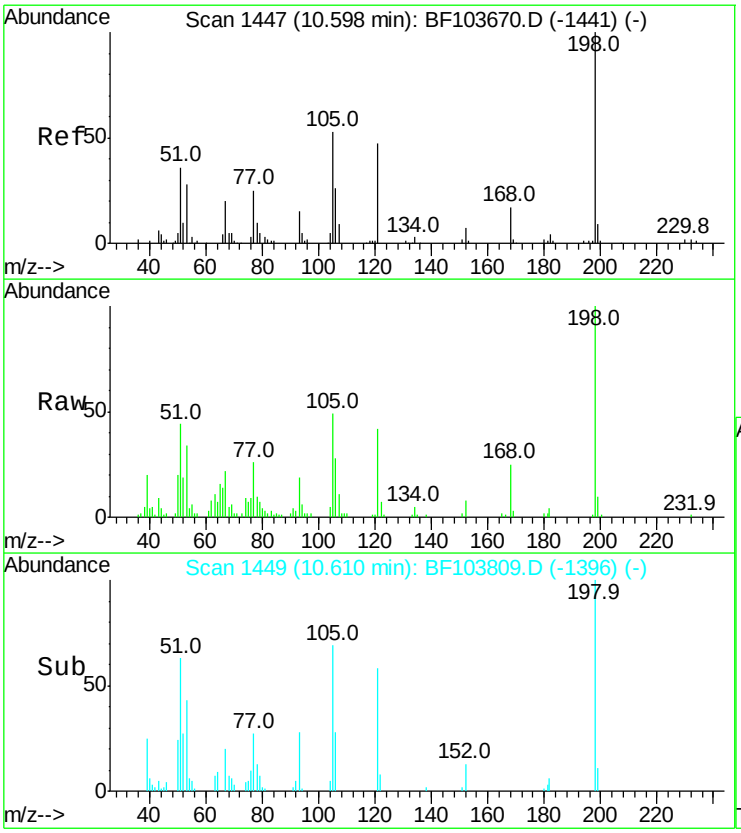
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 442352

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	14.2	9.2	13.8#

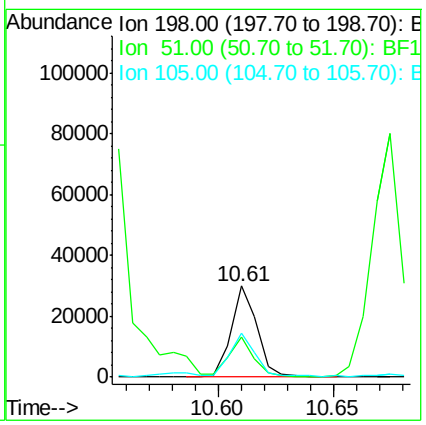


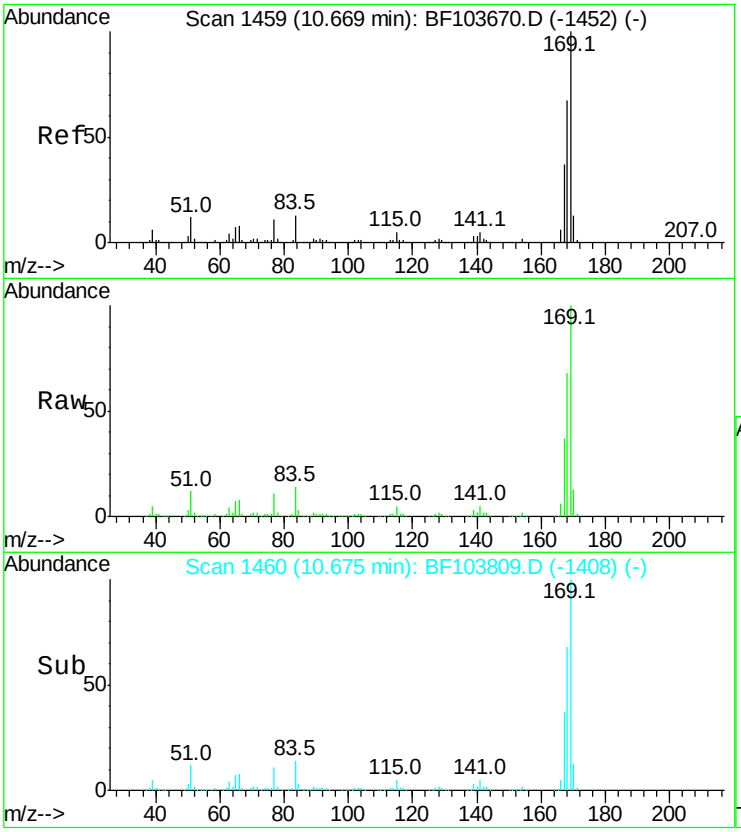


#64
4,6-Dinitro-2-methylphenol
Concen: 22.281 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:198 Resp: 23229

Ion	Ratio	Lower	Upper
198	100		
51	44.4	37.7	77.7
105	48.9	36.3	76.3



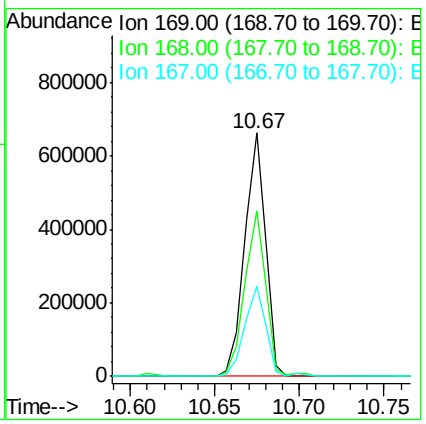


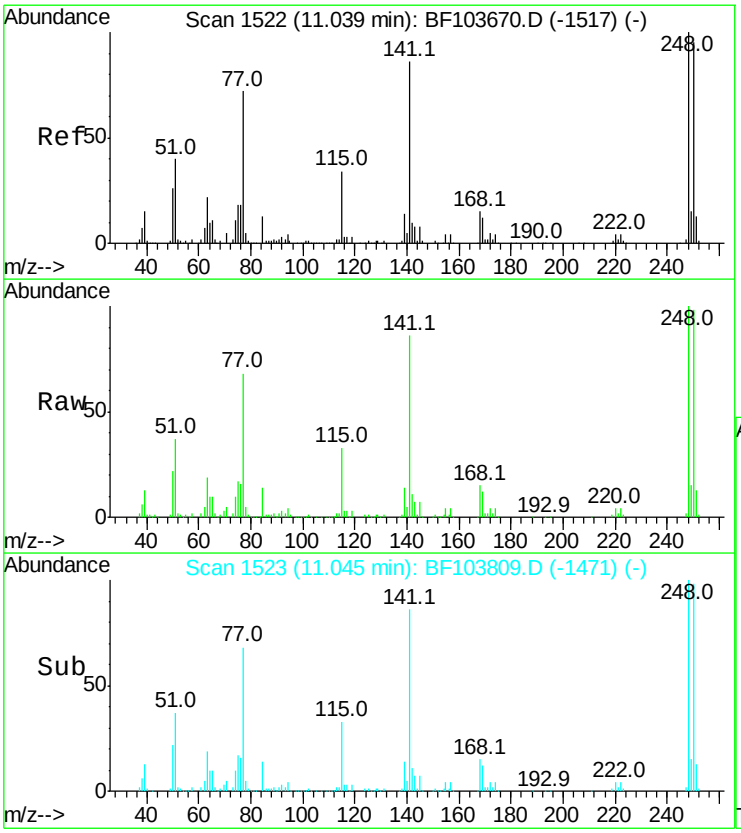
#65
n-Nitrosodiphenylamine
Concen: 38.299 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 576657

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.9	29.8	44.6

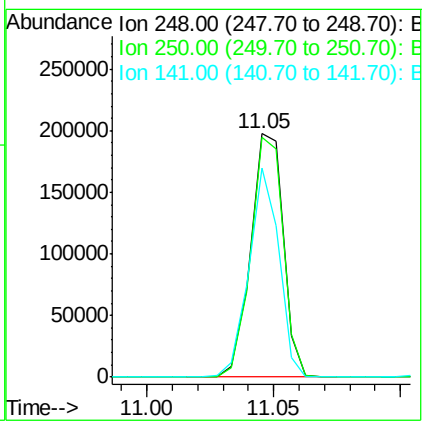


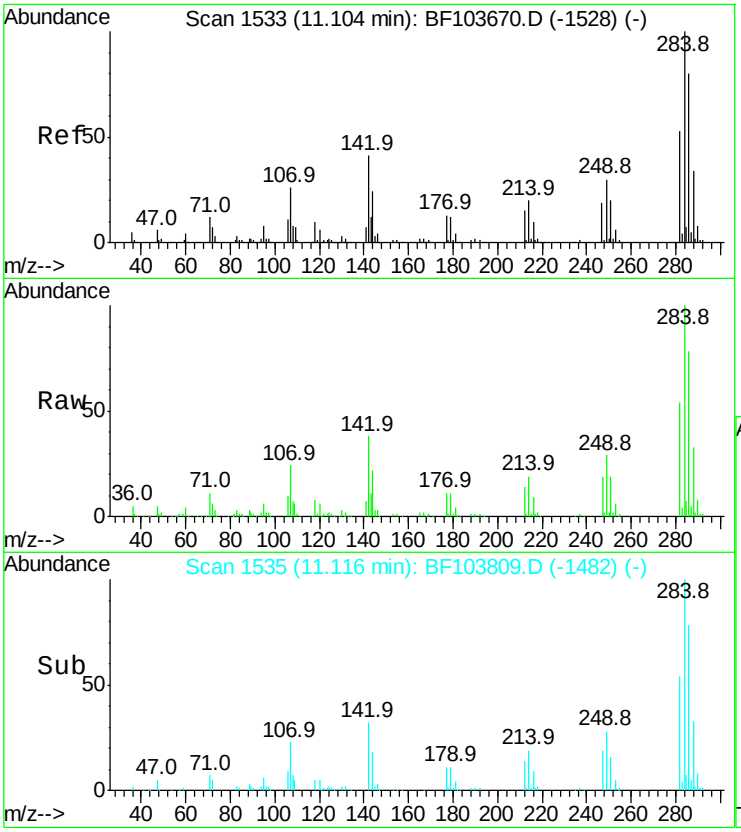


#66
4-Bromophenyl-phenylether
Concen: 39.258 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:248 Resp: 178303

Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	86.1	74.4	111.6



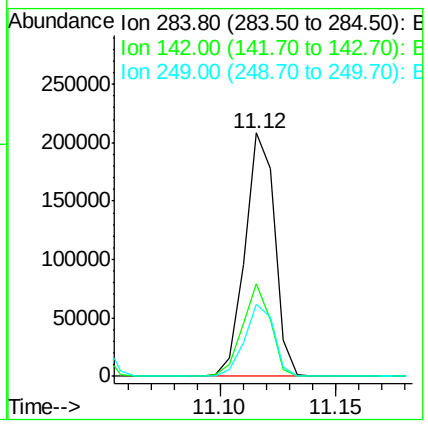


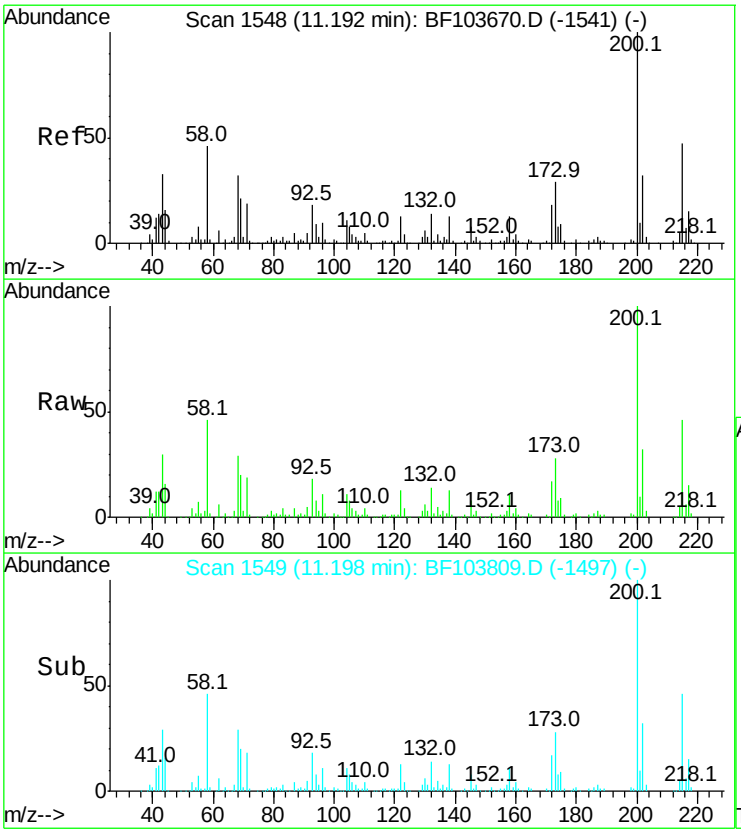
#67
Hexachlorobenzene
Concen: 36.254 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 187931

Ion	Ratio	Lower	Upper
284	100		
142	38.2	34.6	52.0
249	29.4	24.8	37.2

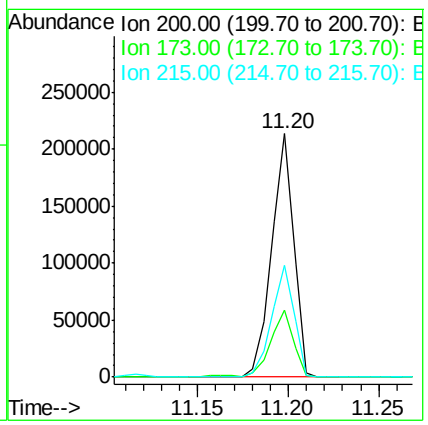


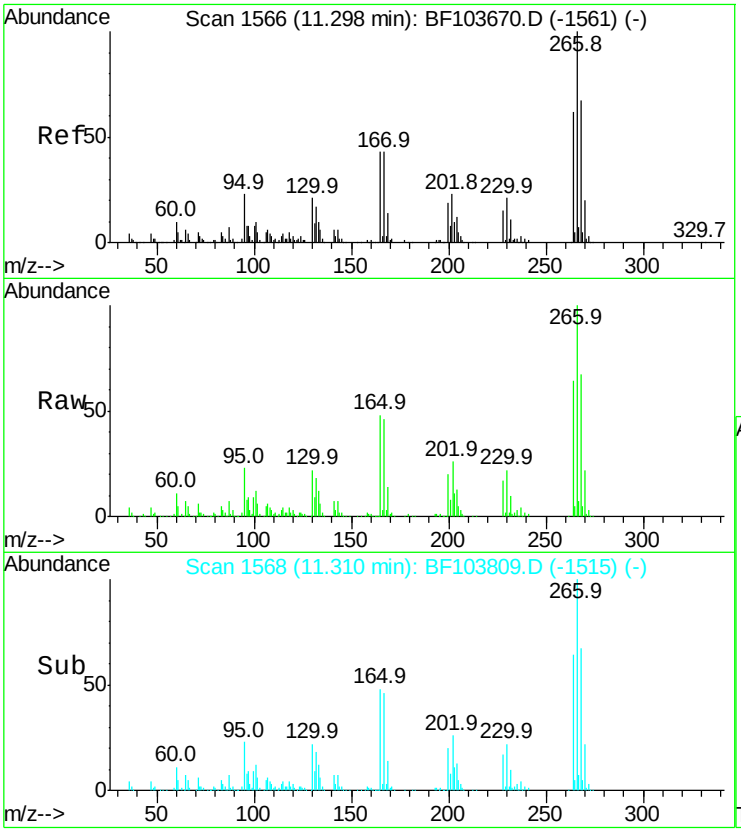


#68
Atrazine
Concen: 38.781 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:200 Resp: 180630

Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.6	48.6
215	45.8	25.1	65.1



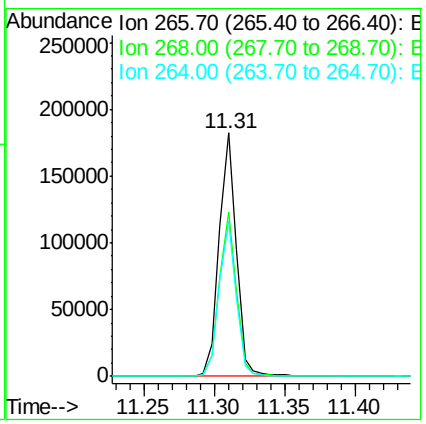


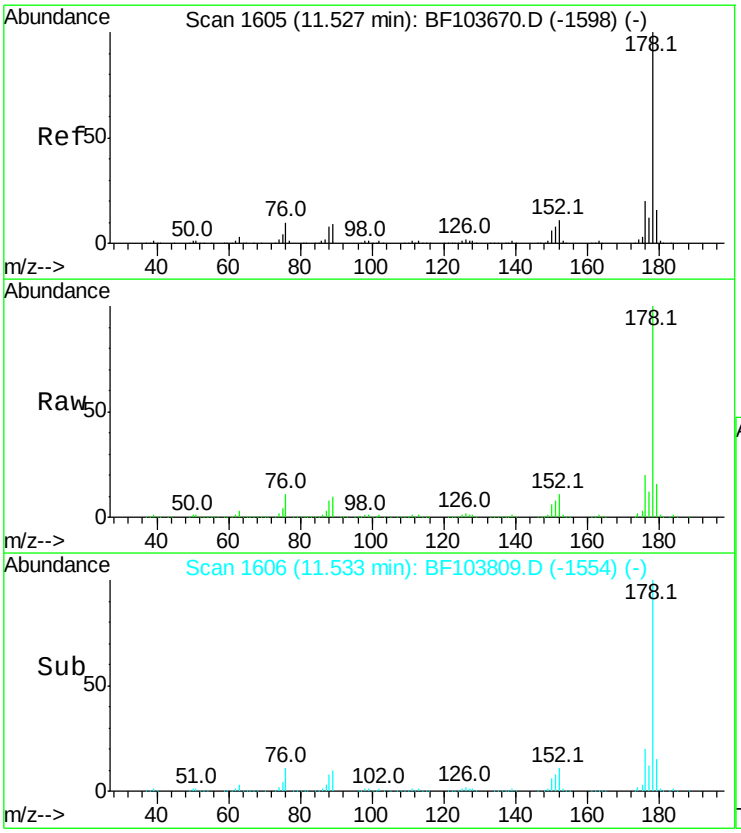
#69
Pentachlorophenol
Concen: 52.190 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 155537

Ion	Ratio	Lower	Upper
266	100		
268	67.3	51.1	76.7
264	63.6	49.5	74.3

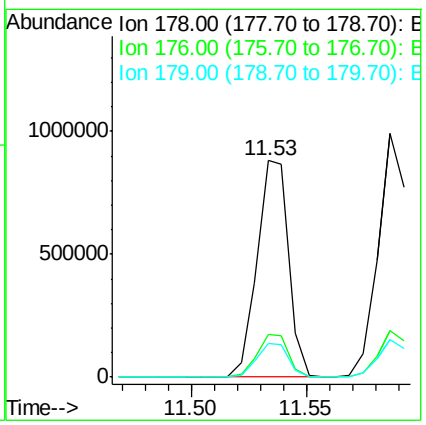


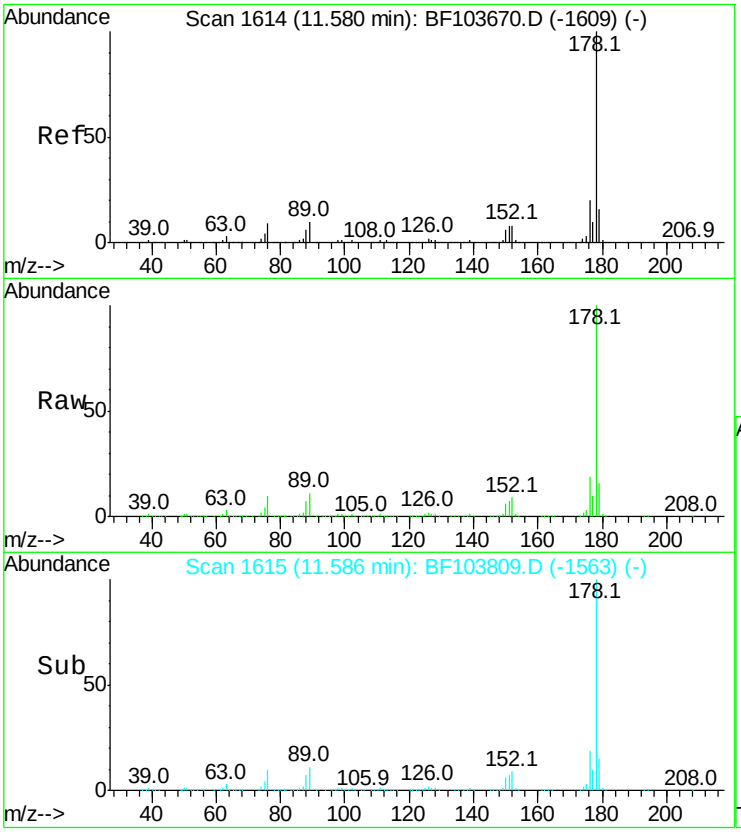


#70
Phenanthrene
Concen: 34.747 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:178 Resp: 840796

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6



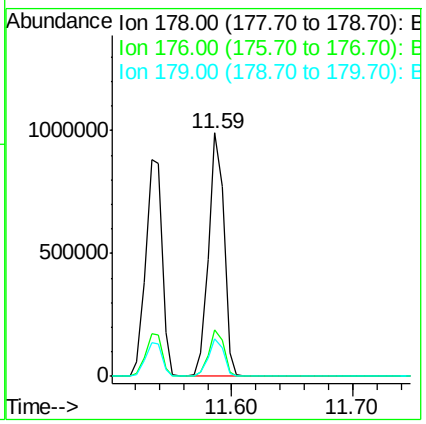


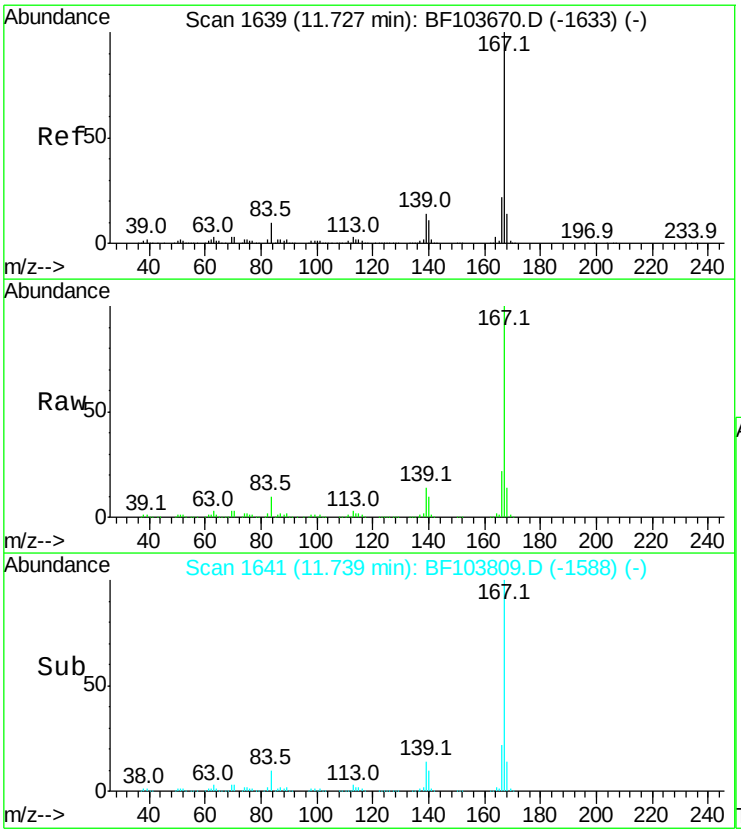
#71
Anthracene
Concen: 35.210 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 865351

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.6	19.0

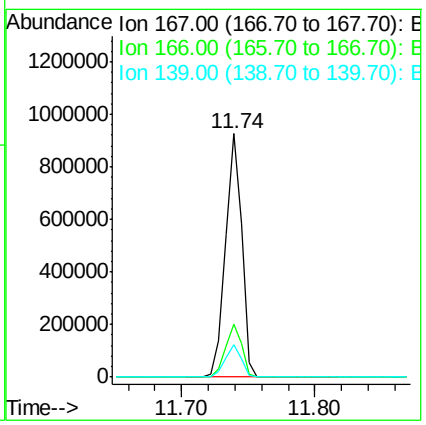


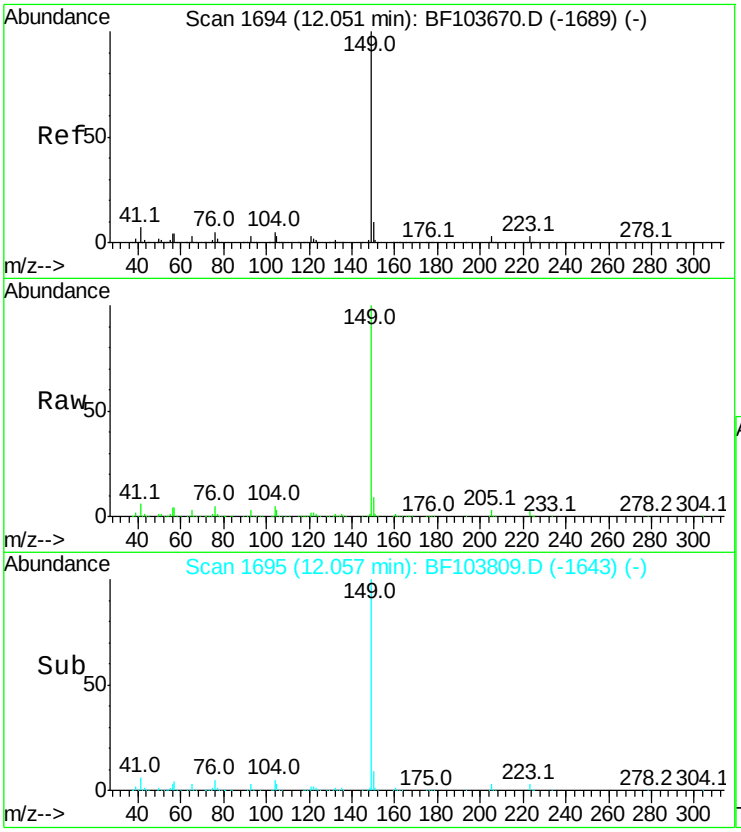


#72
Carbazole
Concen: 33.658 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:167 Resp: 804011

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.5	10.9	16.3



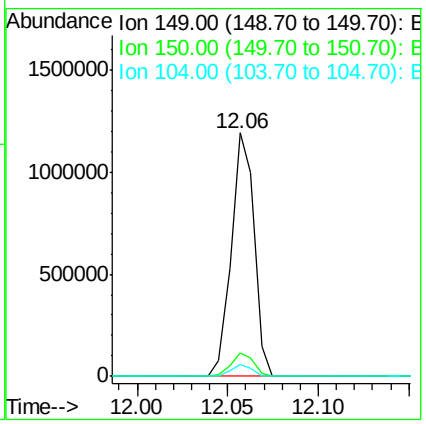


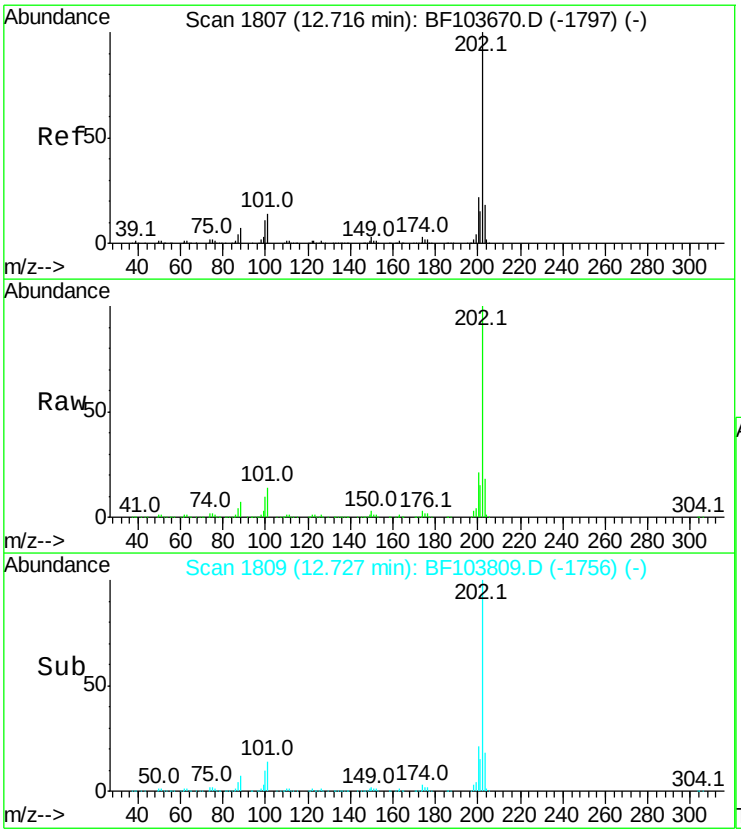
#73
Di-n-butylphthalate
Concen: 36.361 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1042180

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8

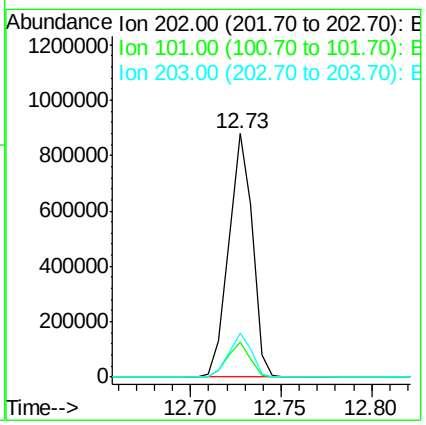


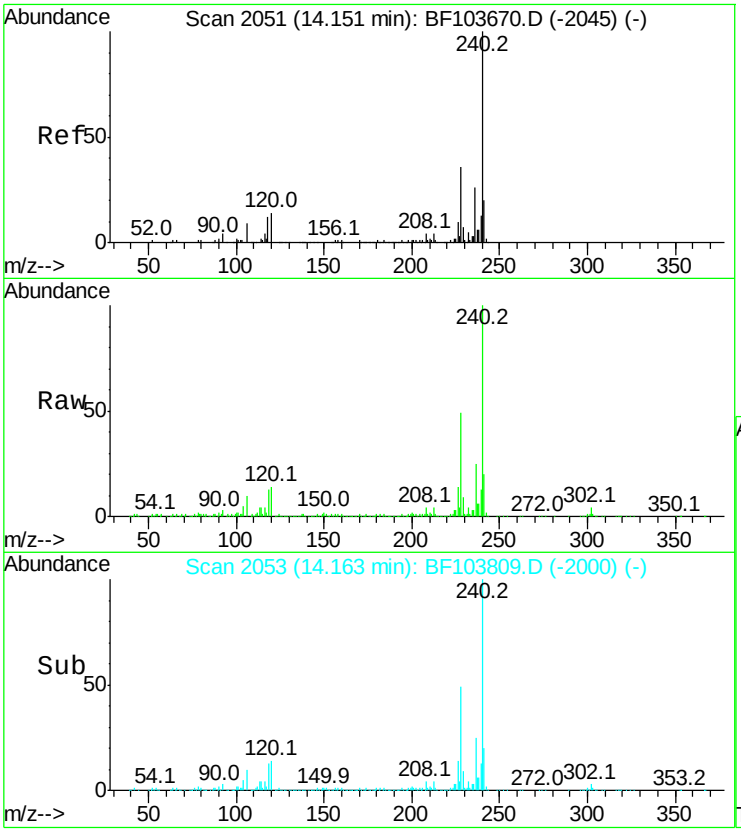


#74
Fluoranthene
Concen: 31.858 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:202 Resp: 794181

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	18.2	0.0	38.1



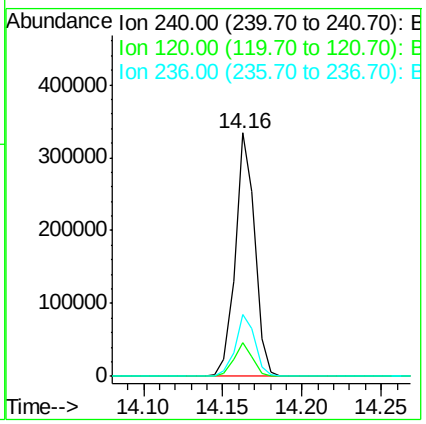


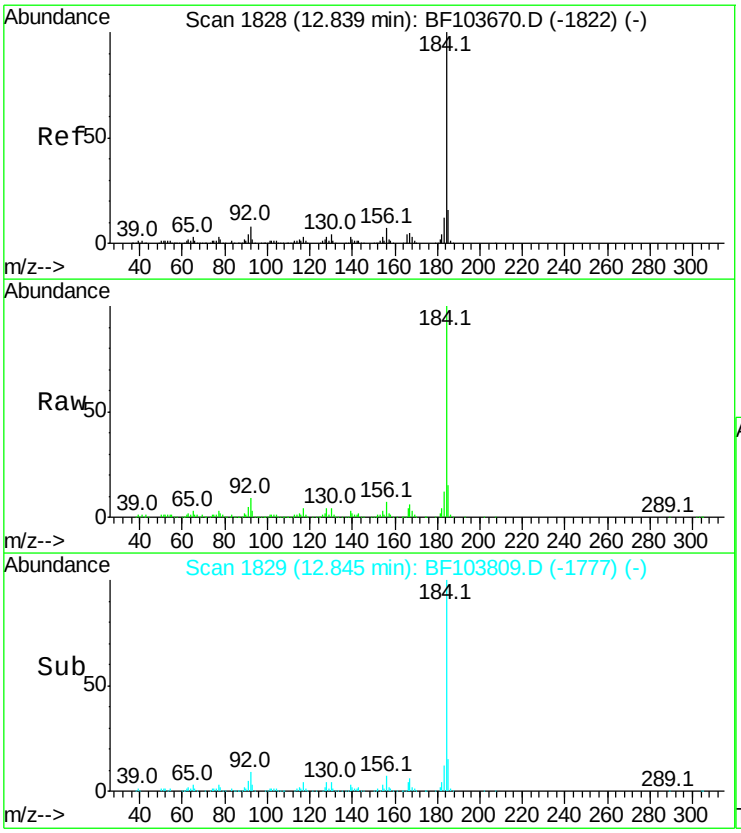
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 284945

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.5	20.7	31.1

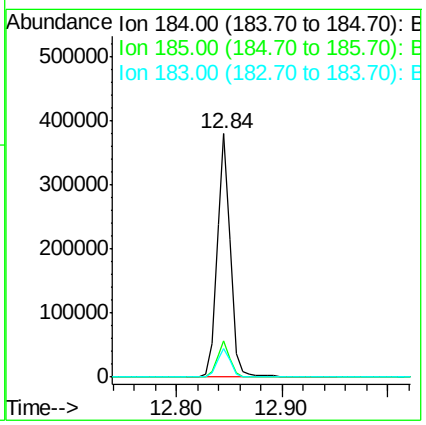


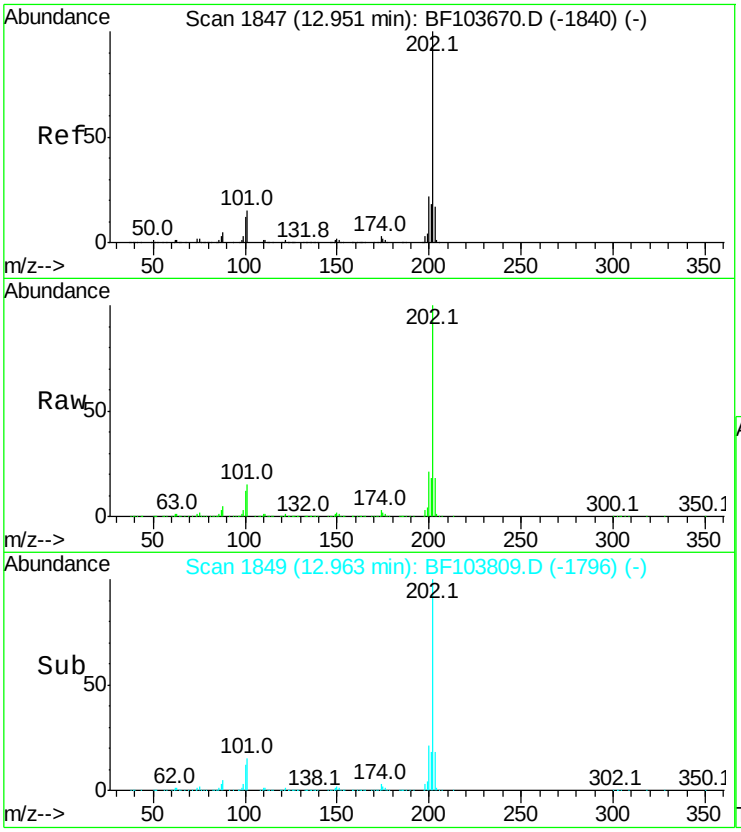


#76
Benzidine
Concen: 27.907 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:184 Resp: 339155

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.7	9.3	13.9



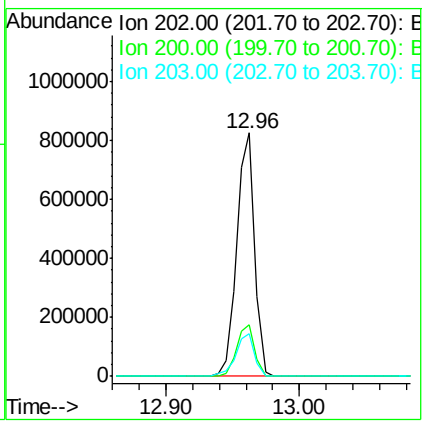


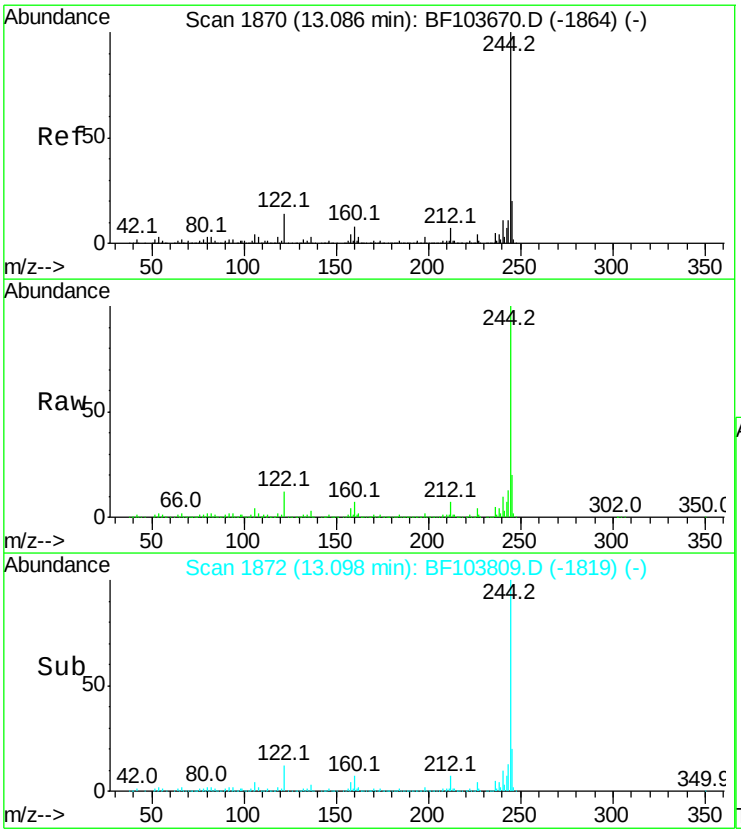
#77
Pyrene
Concen: 36.703 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 768062

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5

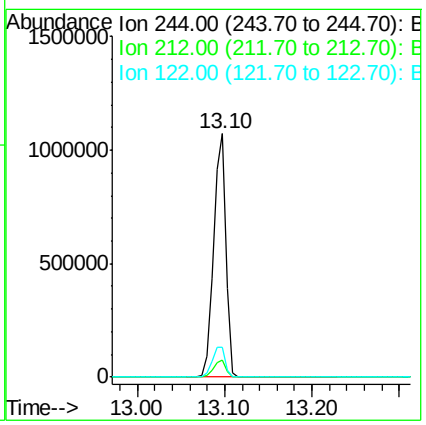


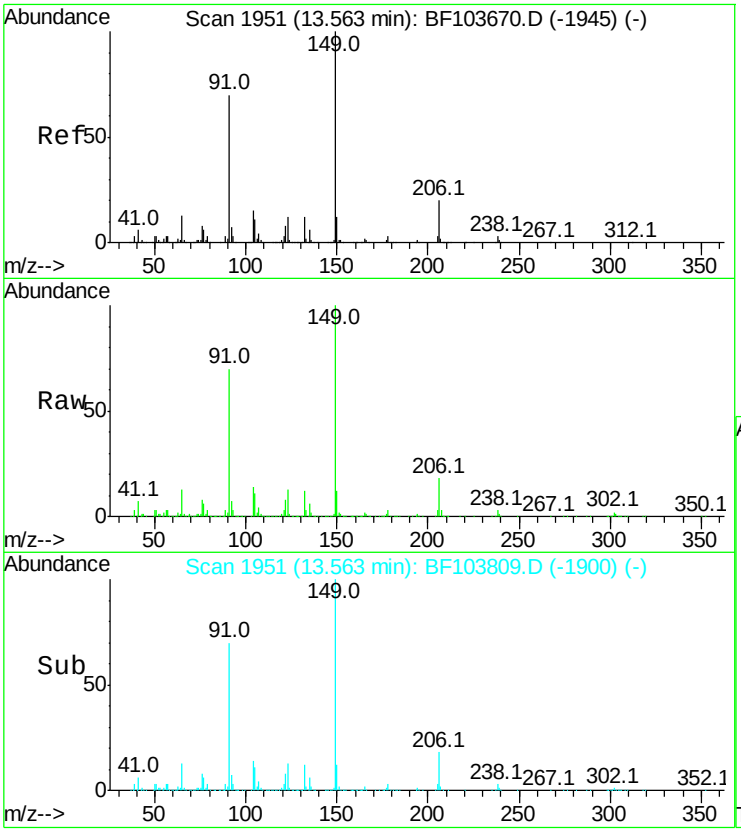


#78
Terphenyl-d14
Concen: 84.614 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:244 Resp: 1038729

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.1	11.0	16.4



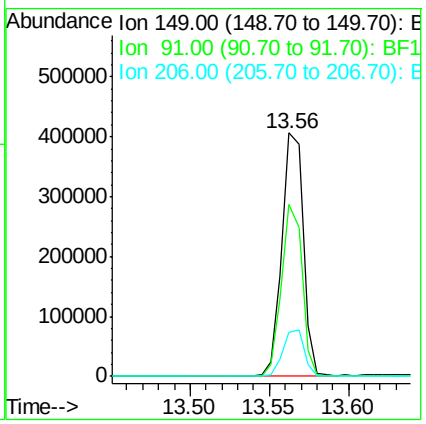


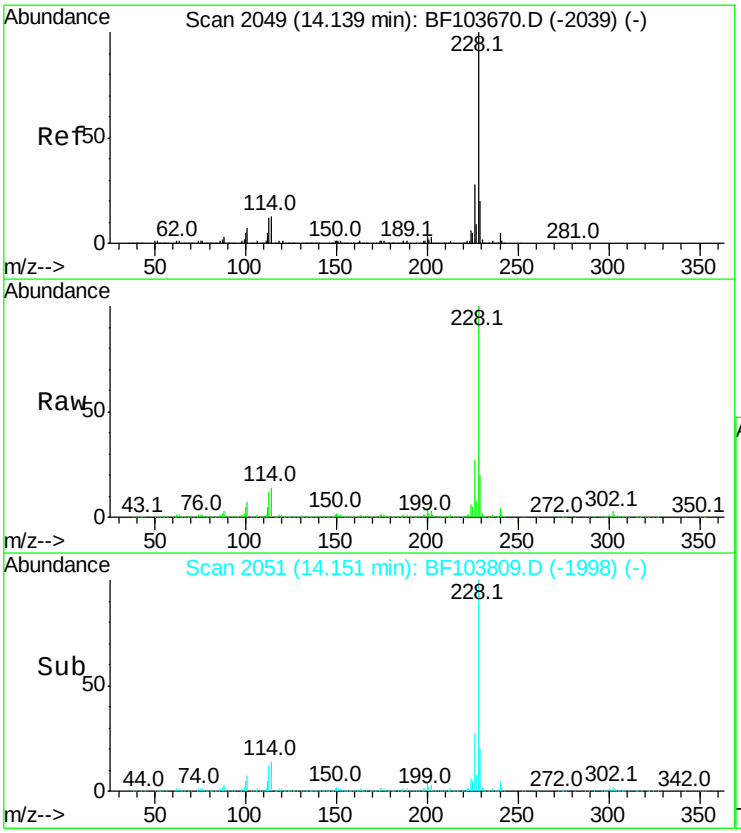
#79
Butylbenzylphthalate
Concen: 40.985 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 379991

Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	18.1	14.1	21.1

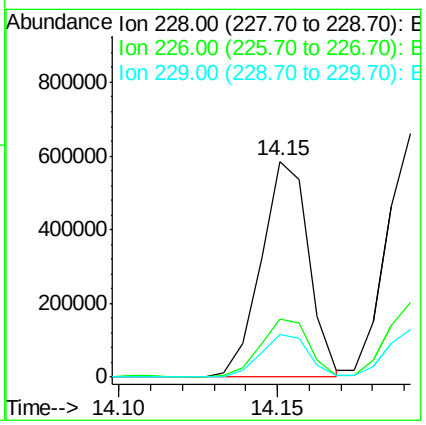


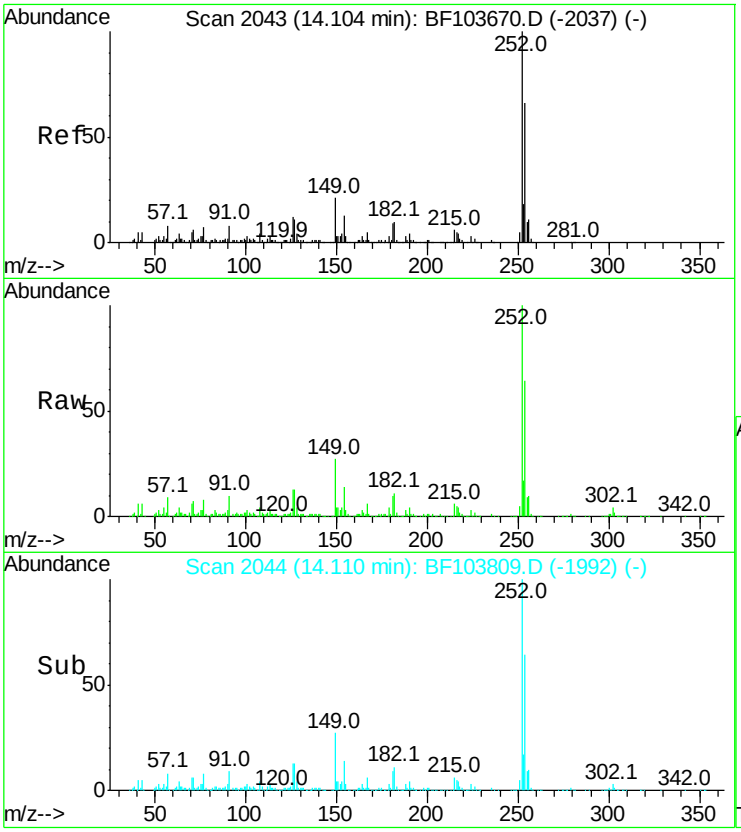


#80
Benzo(a)anthracene
Concen: 33.792 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:228 Resp: 609502

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.7	15.8	23.6



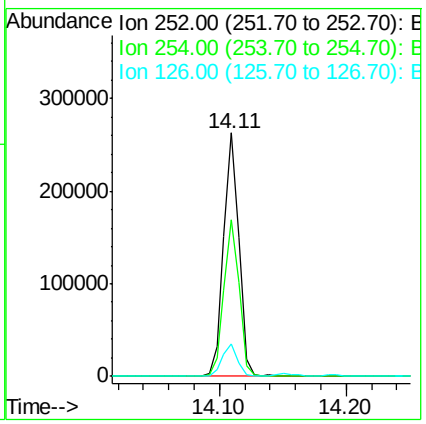


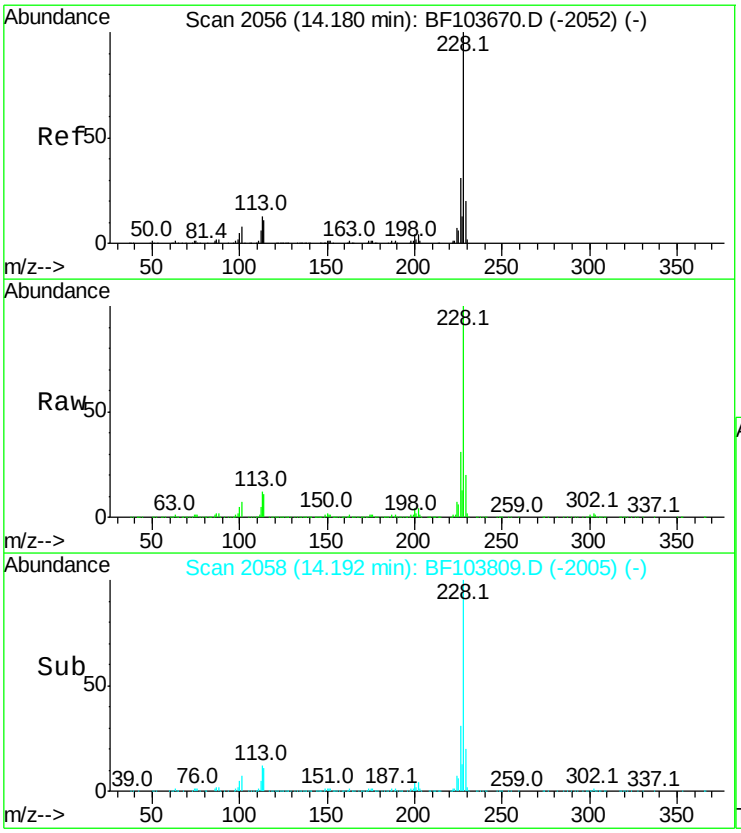
#81
3,3'-Dichlorobenzidine
Concen: 36.688 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 221348

Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	13.3	11.3	16.9

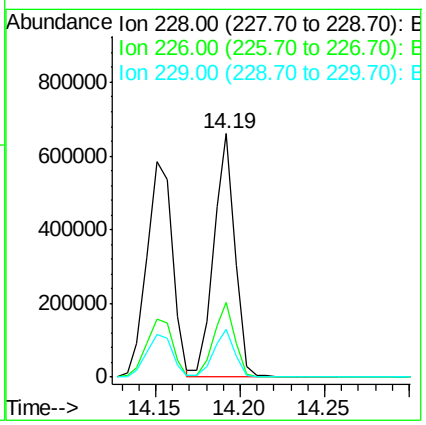


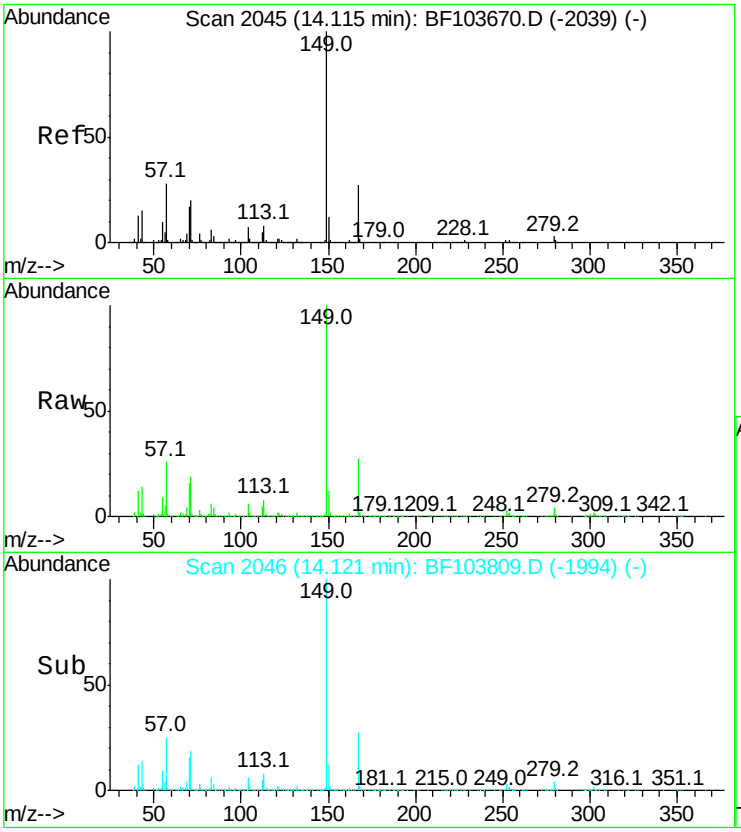


#82
Chrysene
Concen: 33.452 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:228 Resp: 575170

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4



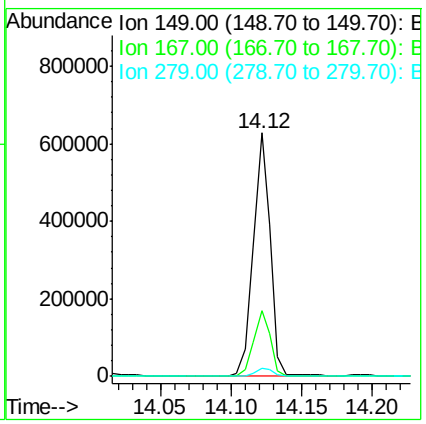


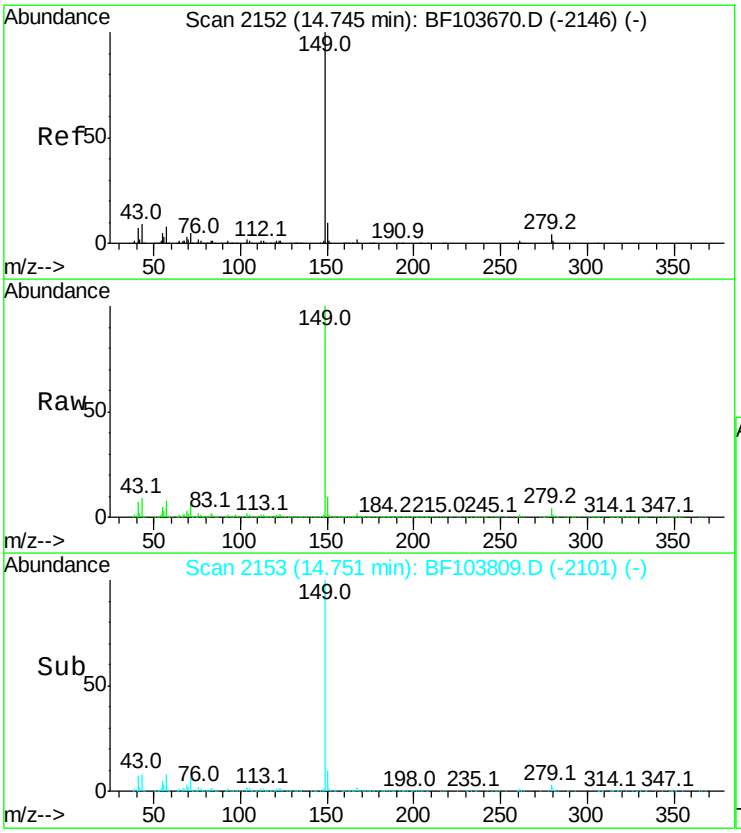
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.688 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 525664

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.5	3.0	4.4

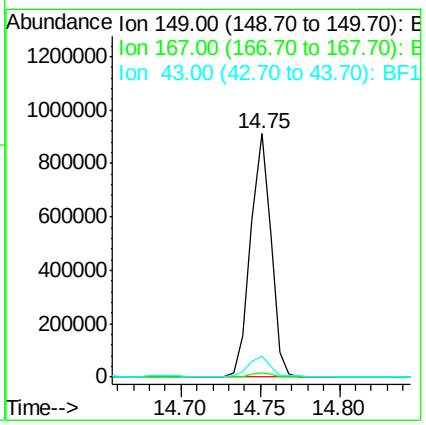


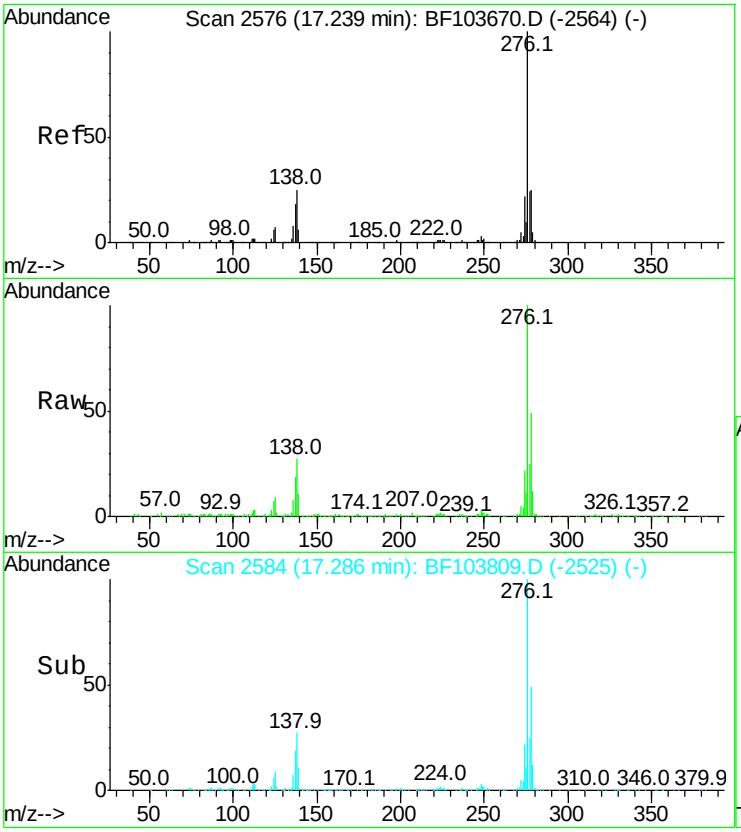


#84
Di-n-octyl phthalate
Concen: 42.272 ng
RT: 14.75 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:149 Resp: 814546

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	8.4	12.6#



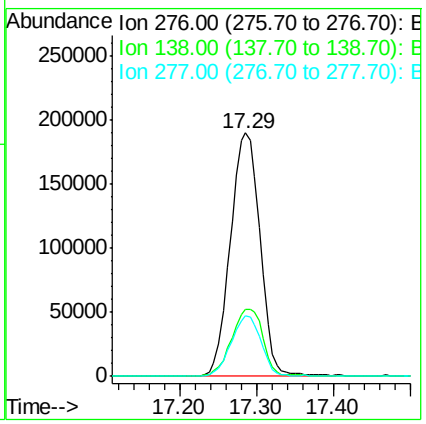


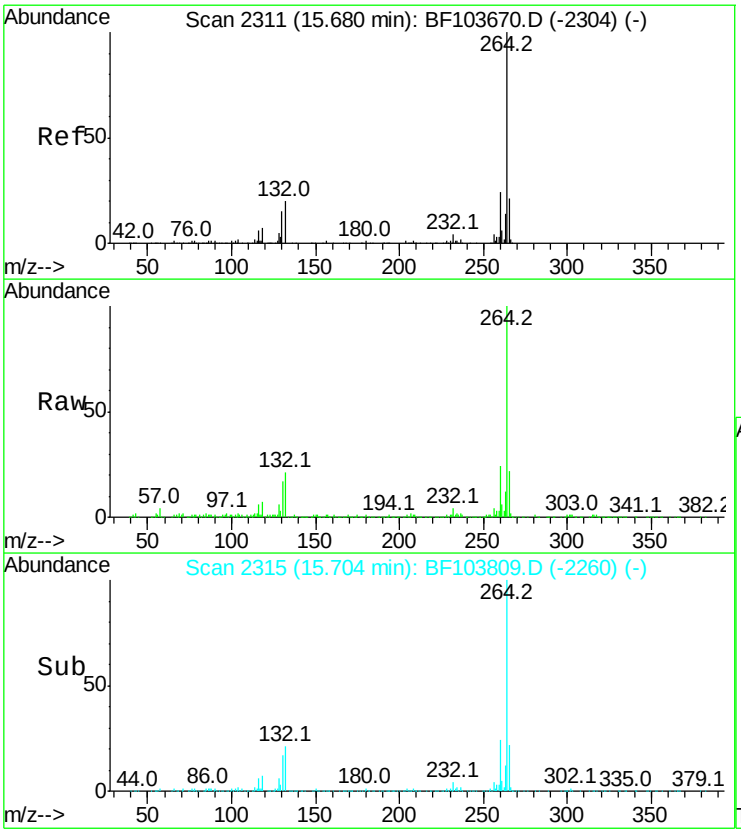
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.875 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.05 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 508636

Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.4	20.1	30.1

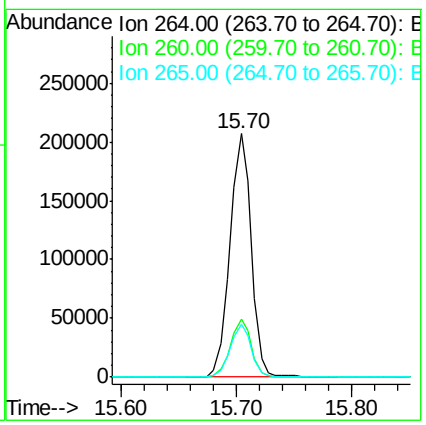


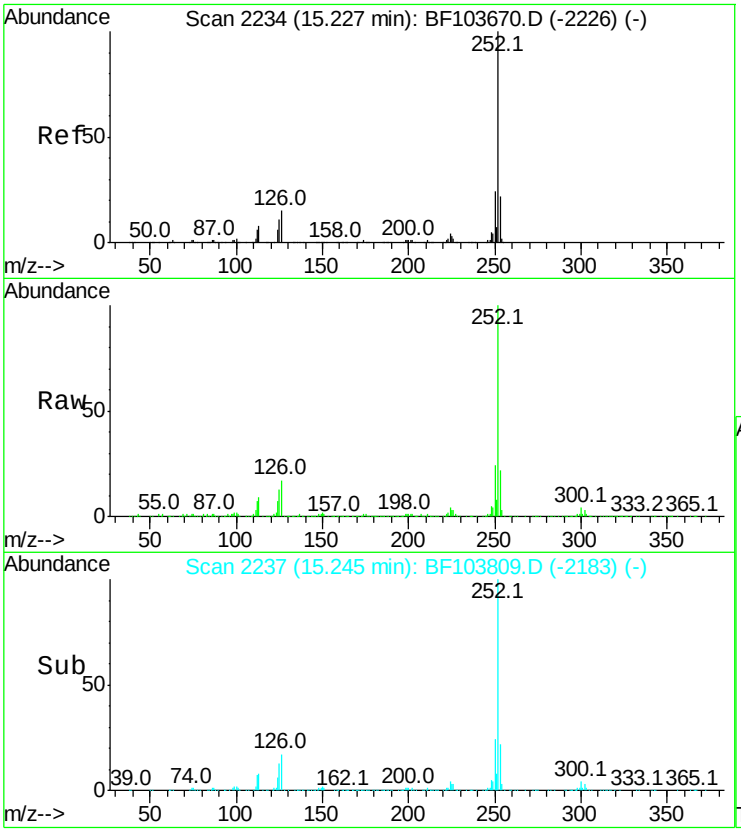


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:264 Resp: 263509

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3



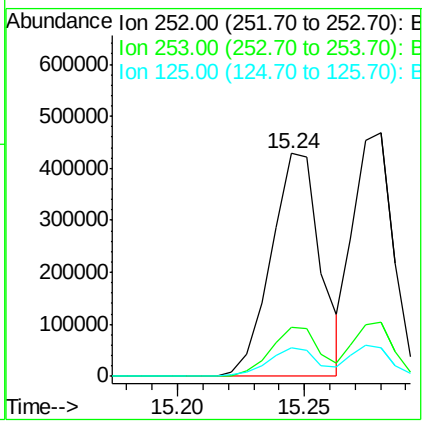


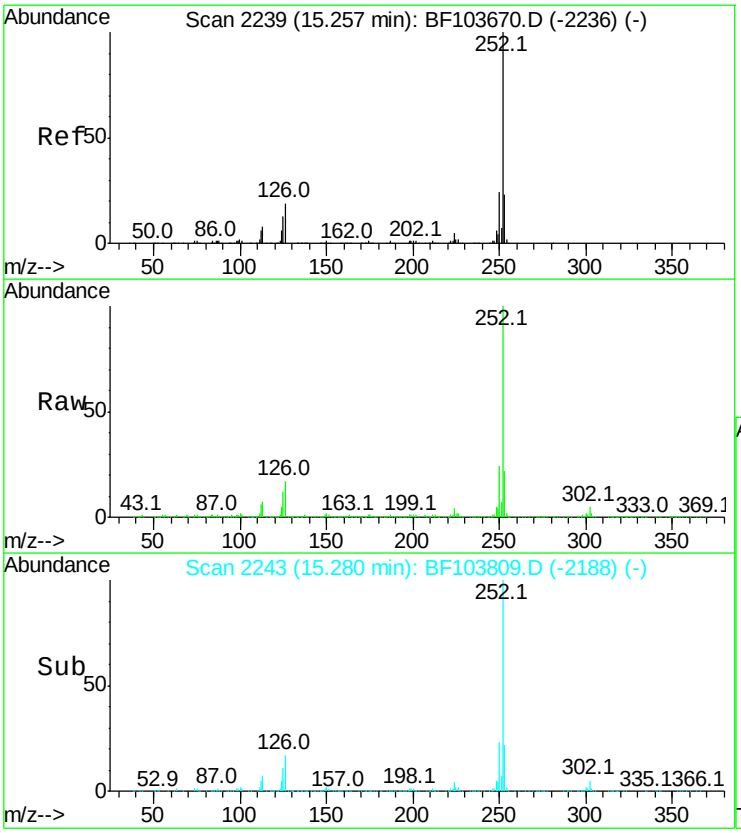
#87
Benzo(b)fluoranthene
Concen: 34.855 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 580269

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.1	9.0	13.6

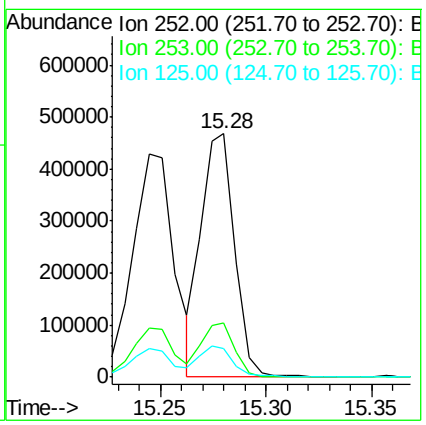


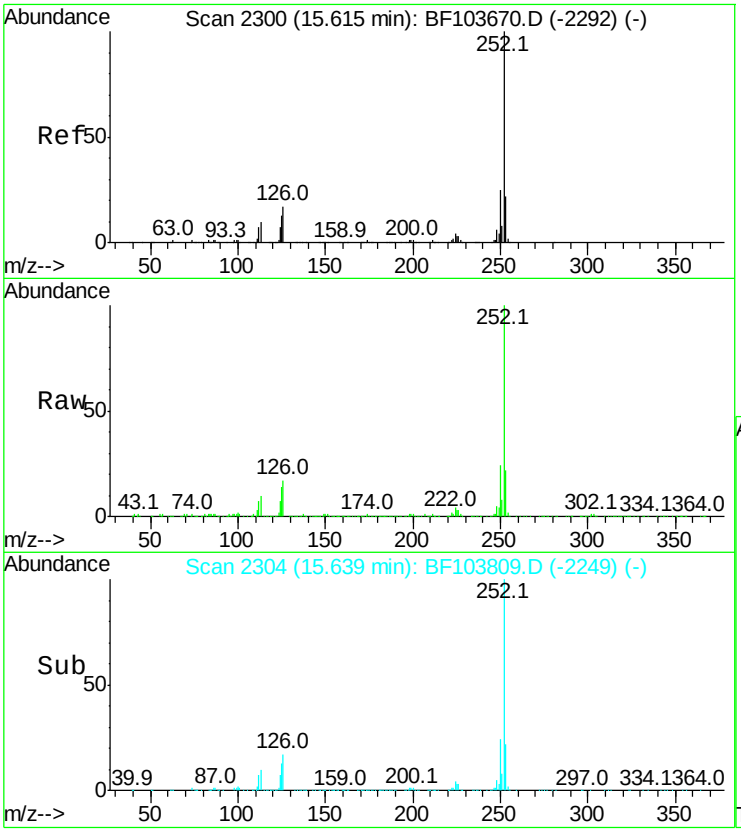


#88
Benzo(k)fluoranthene
Concen: 32.033 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:252 Resp: 512620

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.8	10.2	15.2



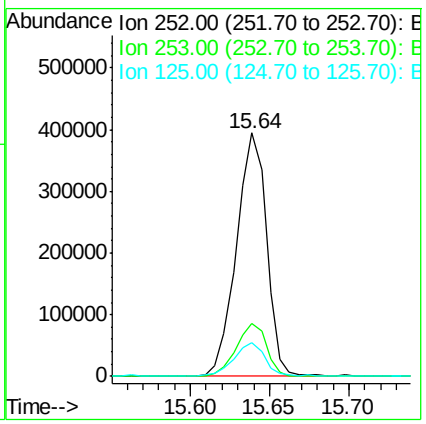


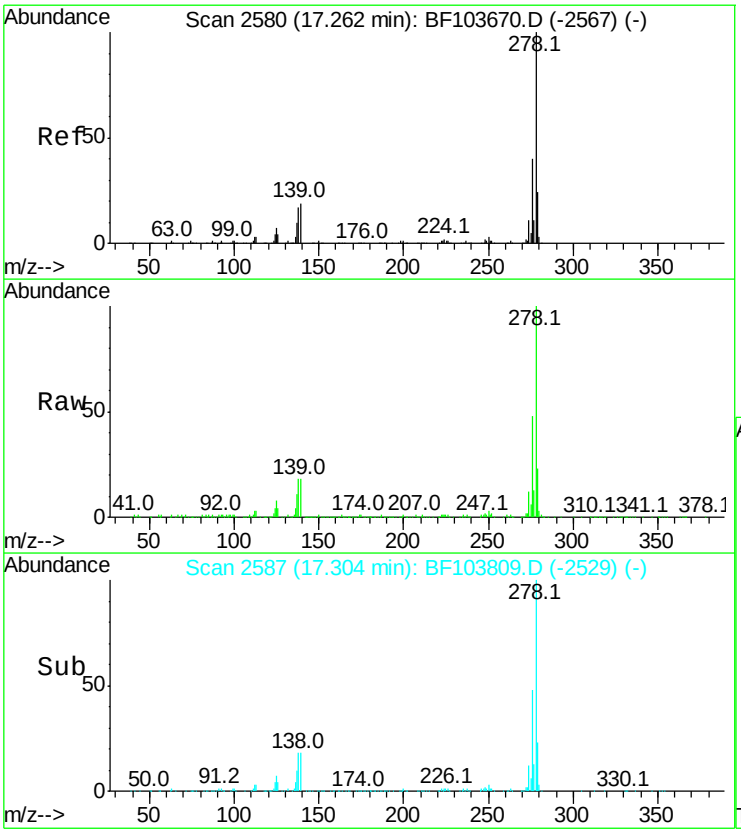
#89
Benzo(a)pyrene
Concen: 34.572 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 522028

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.8	9.8	14.6

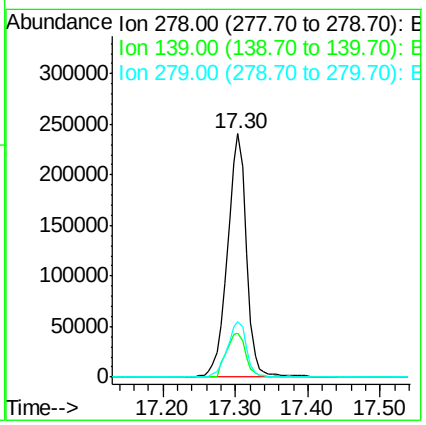


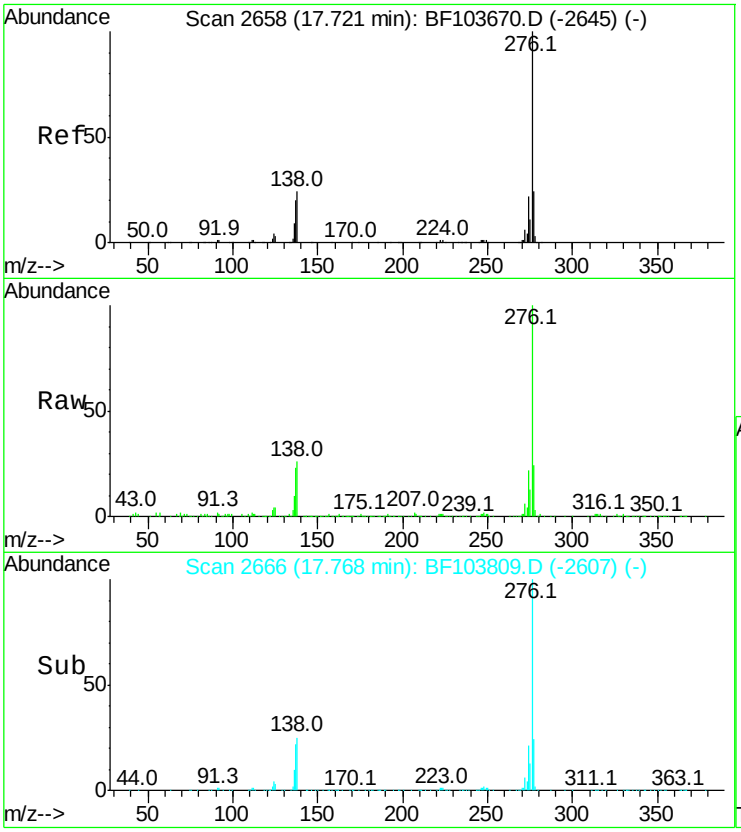


#90
Dibenzo(a,h)anthracene
Concen: 33.478 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.04 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Tgt Ion:278 Resp: 437723

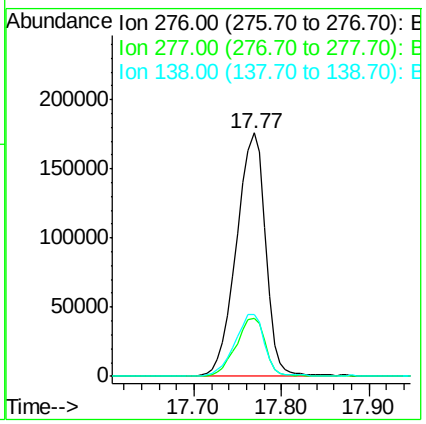
Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	22.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 30.932 ng
RT: 17.77 min Scan# 2666
Delta R.T. 0.05 min
Lab File: BF103809.D
Acq: 20 Mar 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 393451

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	25.6	21.8	32.8