Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099003.D
Acq On : 2 Oct 2017 16:54
Operator : SJ/JU
Sample : I5534-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 00:58:33 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	6.90	152	134769	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	557929	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	243751	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	409752	20.00	ng		-0.02
75) Chrysene-d12	14.07	240	243049	20.00	ng		-0.02
86) Perylene-d12	15.56	264	225619	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	619343	73.16	ng		-0.01
7) Phenol-d6	6.53	99	736886	70.56	ng		-0.02
23) Nitrobenzene-d5	7.46	82	442472	50.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	130468	65.41	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	722332	49.47	ng		-0.02
78) Terphenyl-d14	13.01	244	518425	48.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	88562	21.90	ng		98
3) Pyridine	3.53	79	240976	22.03	ng		95
4) n-Nitrosodimethylamine	3.47	42	107836	23.24	ng		93
6) Aniline	6.56	93	262795	18.64	ng		99
8) 2-Chlorophenol	6.69	128	231110	24.11	ng		96
9) Benzaldehyde	6.45	77	115177	19.01	ng		99
10) Phenol	6.54	94	284536	24.36	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	223557	24.62	ng		100
12) 1,3-Dichlorobenzene	6.85	146	240235	23.93	ng		98
13) 1,4-Dichlorobenzene	6.92	146	240801	23.57	ng		98
14) 1,2-Dichlorobenzene	7.07	146	230469	24.42	ng		97
15) Benzyl Alcohol	7.04	79	191761	25.03	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	330550	23.37	ng		98
17) 2-Methylphenol	7.15	107	187716	23.93	ng		98
18) Hexachloroethane	7.42	117	85154	23.19	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	150867	22.63	ng		99
20) 3+4-Methylphenols	7.30	107	238421	24.02	ng		91
22) Acetophenone	7.31	105	312659	23.13	ng	#	97
24) Nitrobenzene	7.48	77	234171	23.73	ng		99
25) Isophorone	7.72	82	424631	23.61	ng		98
26) 2-Nitrophenol	7.80	139	119990	25.28	ng		94
27) 2,4-Dimethylphenol	7.83	122	204369	22.80	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	270614	24.14	ng		99
29) 2,4-Dichlorophenol	8.04	162	178654	23.22	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	183902	23.90	ng		99
31) Naphthalene	8.20	128	638035	24.35	ng		99
32) Benzoic acid	7.83	122	204369	27.76	ng	#	14
33) 4-Chloroaniline	8.25	127	203619	18.61	ng		99
34) Hexachlorobutadiene	8.32	225	92524	23.34	ng		98
35) Caprolactam	8.60	113	46615	18.89	ng		98
36) 4-Chloro-3-methylphenol	8.73	107	186243	21.53	ng		99
37) 2-Methylnaphthalene	8.90	142	435367	25.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	167196	23.00	ng		99
40) Hexachlorocyclopentadiene	9.05	237	145703	43.86	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099003.D
Acq On : 2 Oct 2017 16:54
Operator : SJ/JU
Sample : I5534-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 00:58:33 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)
42) 2,4,6-Trichlorophenol	9.17	196	113804	22.10	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	115371	22.44	ng		93
45) 1,1'-Biphenyl	9.36	154	495554	23.66	ng		98
46) 2-Chloronaphthalene	9.39	162	384744	24.46	ng		97
47) 2-Nitroaniline	9.48	65	114853	23.85	ng		99
48) Acenaphthylene	9.80	152	583100	24.22	ng		99
49) Dimethylphthalate	9.66	163	559407	30.41	ng		99
50) 2,6-Dinitrotoluene	9.72	165	96792	24.17	ng		94
51) Acenaphthene	9.97	154	341953	22.42	ng		100
52) 3-Nitroaniline	9.89	138	96085	20.57	ng		93
53) 2,4-Dinitrophenol	10.01	184	7204	9.03	ng		95
54) Dibenzofuran	10.15	168	518336	25.52	ng		98
55) 4-Nitrophenol	10.05	139	117979	29.88	ng		93
56) 2,4-Dinitrotoluene	10.13	165	126495	24.34	ng	#	87
57) Fluorene	10.49	166	397445	24.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	77542	21.84	ng		98
59) Diethylphthalate	10.36	149	414948	23.08	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	178072	24.29	ng		98
61) 4-Nitroaniline	10.50	138	98940	21.96	ng		92
62) Azobenzene	10.64	77	413089	24.99	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	22198	8.90	ng		93
65) n-Nitrosodiphenylamine	10.60	169	348078	24.52	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	99216	24.74	ng		99
67) Hexachlorobenzene	11.04	284	100327	23.42	ng		95
68) Atrazine	11.12	200	95183	22.29	ng		98
69) Pentachlorophenol	11.23	266	60892	22.84	ng		97
70) Phenanthrene	11.46	178	538451	24.55	ng		98
71) Anthracene	11.50	178	564782	25.17	ng		98
72) Carbazole	11.66	167	489624	22.28	ng		99
73) Di-n-butylphthalate	11.98	149	620475	23.46	ng		99
74) Fluoranthene	12.64	202	501023	22.56	ng		99
76) Benzidine	12.76	184	123280	13.71	ng		97
77) Pyrene	12.87	202	506782	27.34	ng		98
79) Butylbenzylphthalate	13.48	149	213814	24.55	ng		98
80) Benzo(a)anthracene	14.06	228	354434	24.08	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	96849	17.95	ng		98
82) Chrysene	14.09	228	340284	24.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	287696	23.99	ng	#	99
84) Di-n-octyl phthalate	14.65	149	459975	23.82	ng		98
85) Indeno(1,2,3-cd)pyrene	17.06	276	357139	31.86	ng		95
87) Benzo(b)fluoranthene	15.12	252	328466	23.68	ng		98
88) Benzo(k)fluoranthene	15.14	252	291762	21.29	ng		98
89) Benzo(a)pyrene	15.49	252	300482	23.60	ng		98
90) Dibenzo(a,h)anthracene	17.08	278	302231	29.66	ng		99
91) Benzo(g,h,i)perylene	17.52	276	307902	30.57	ng		97

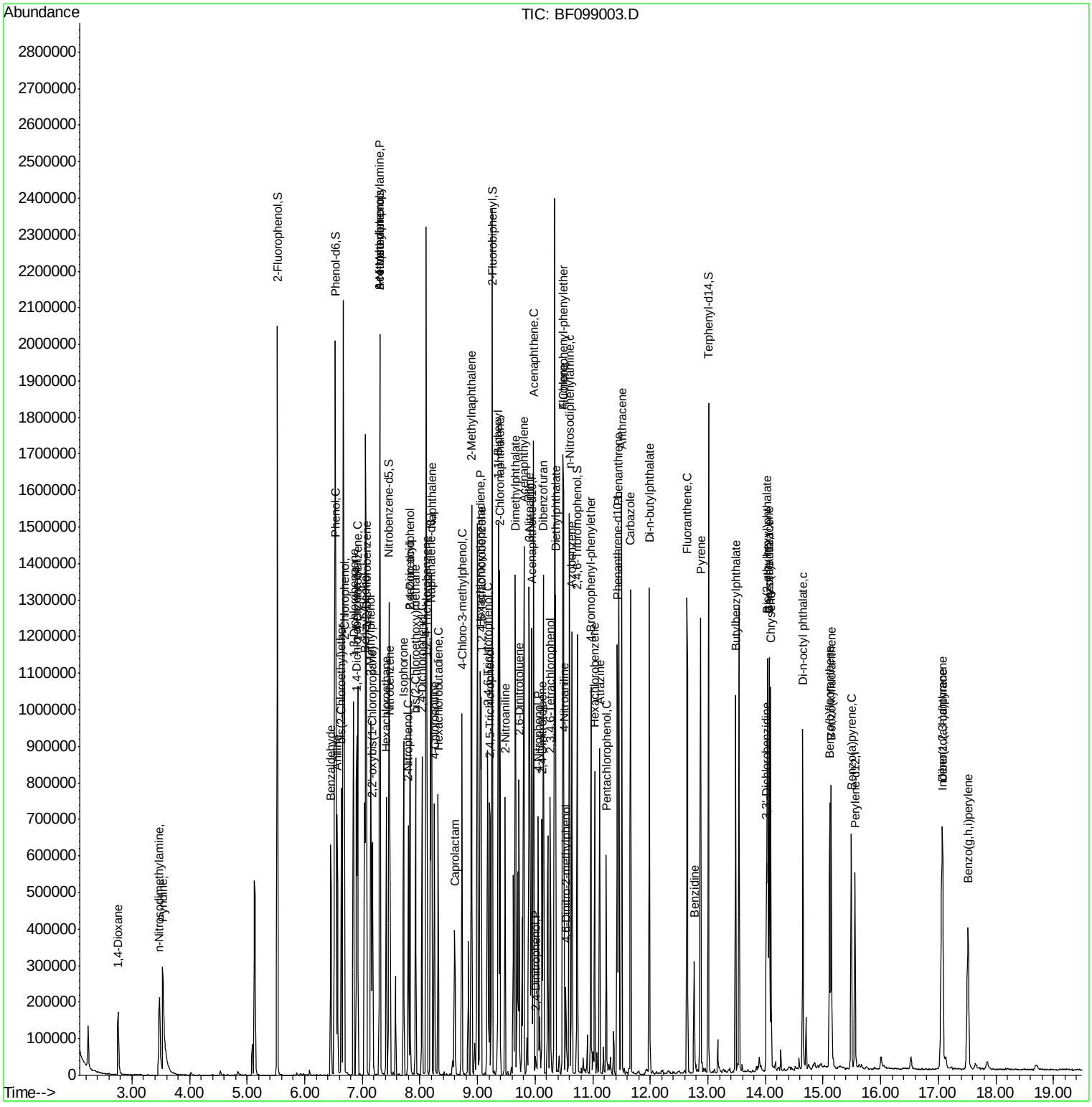
(#) = qualifier out of range (m) = manual integration (+) = signals summed

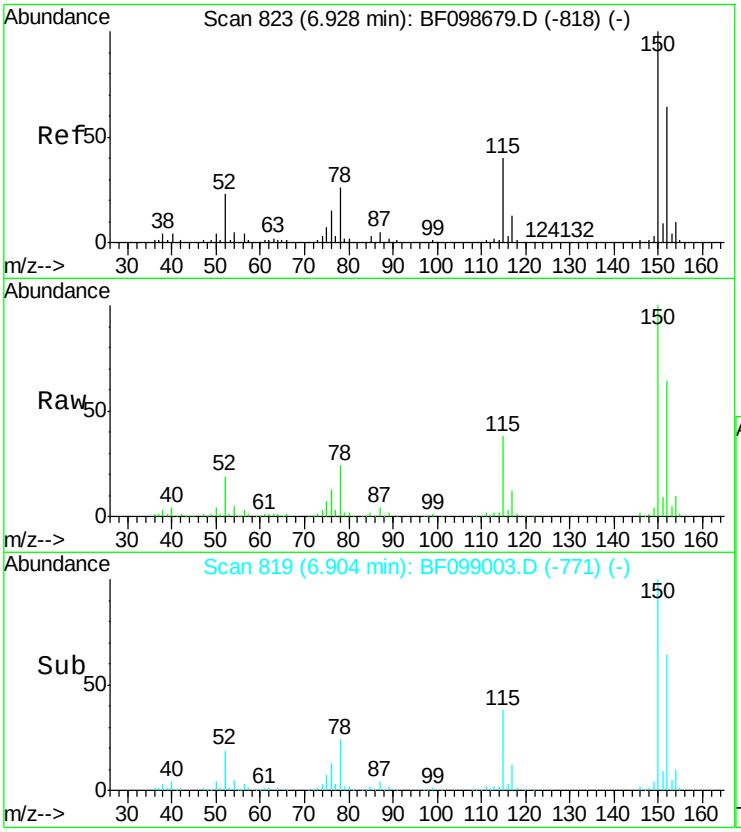
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099003.D
Acq On : 2 Oct 2017 16:54
Operator : SJ/JU
Sample : I5534-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 00:58:33 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



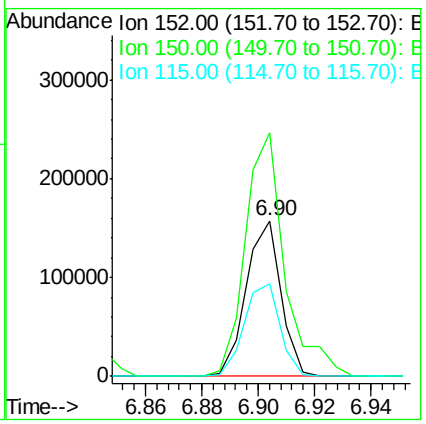


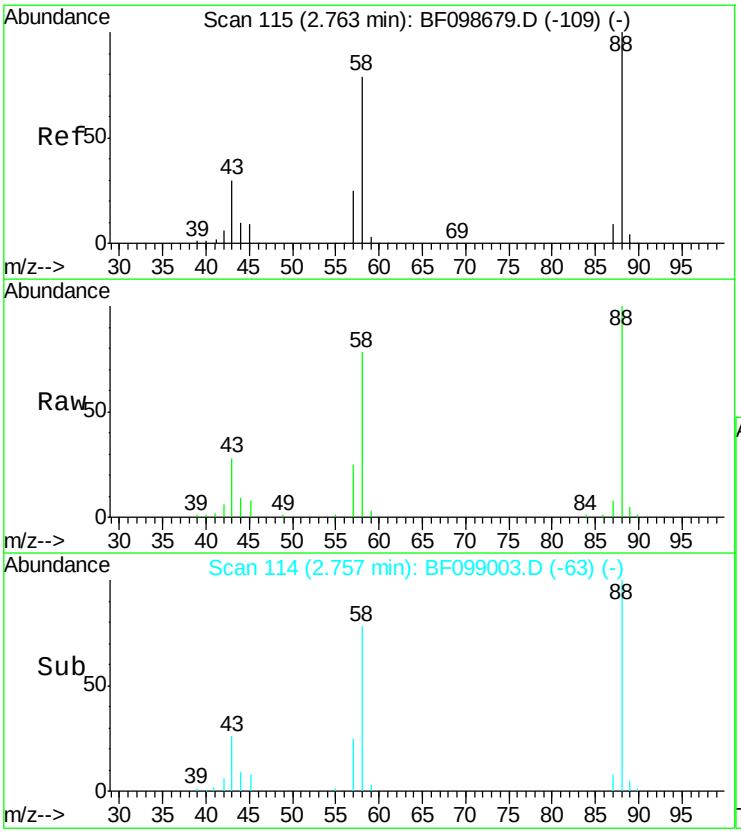
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134769

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.2	50.1	75.1

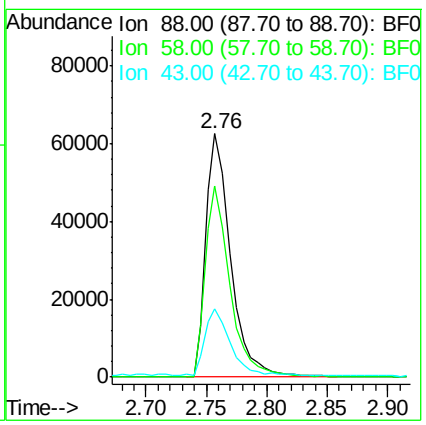


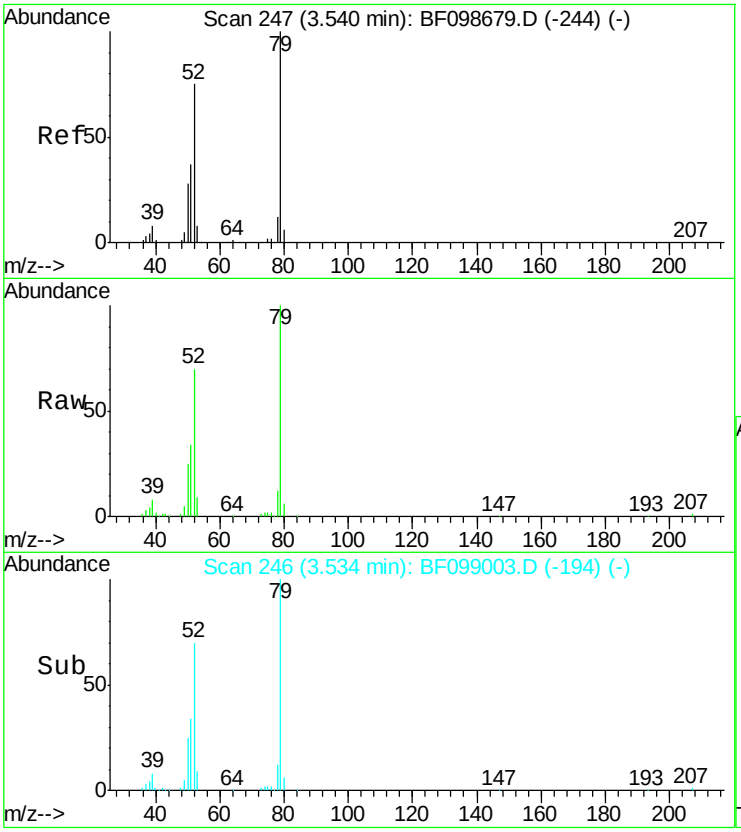


#2
1,4-Dioxane
Concen: 21.90 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.00 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 88 Resp: 88562

Ion	Ratio	Lower	Upper
88	100		
58	78.3	62.6	93.8
43	27.7	24.6	37.0



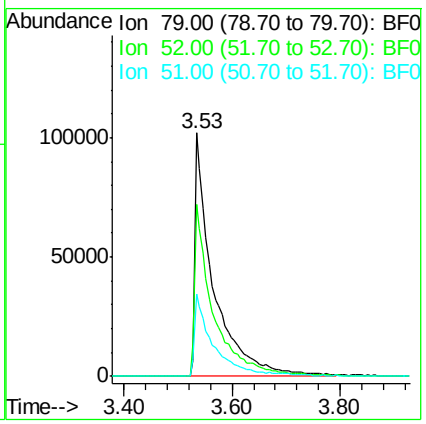


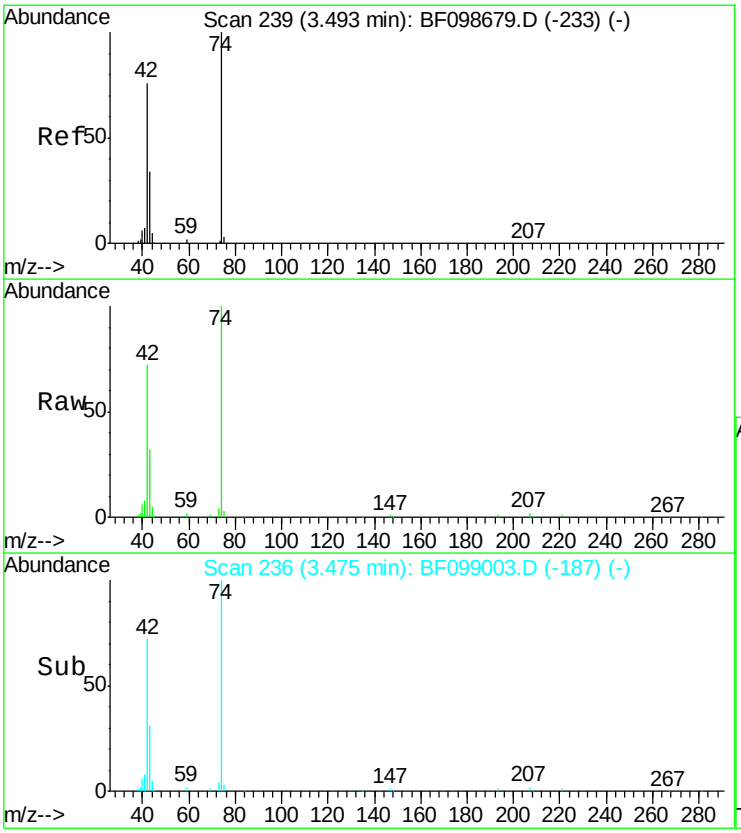
#3
Pyridine
Concen: 22.03 ng
RT: 3.53 min Scan# 246
Delta R.T. 0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 240976

Ion	Ratio	Lower	Upper
79	100		
52	70.5	59.8	89.6
51	33.9	29.8	44.8

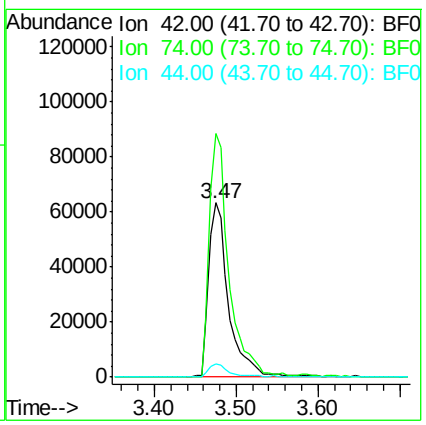


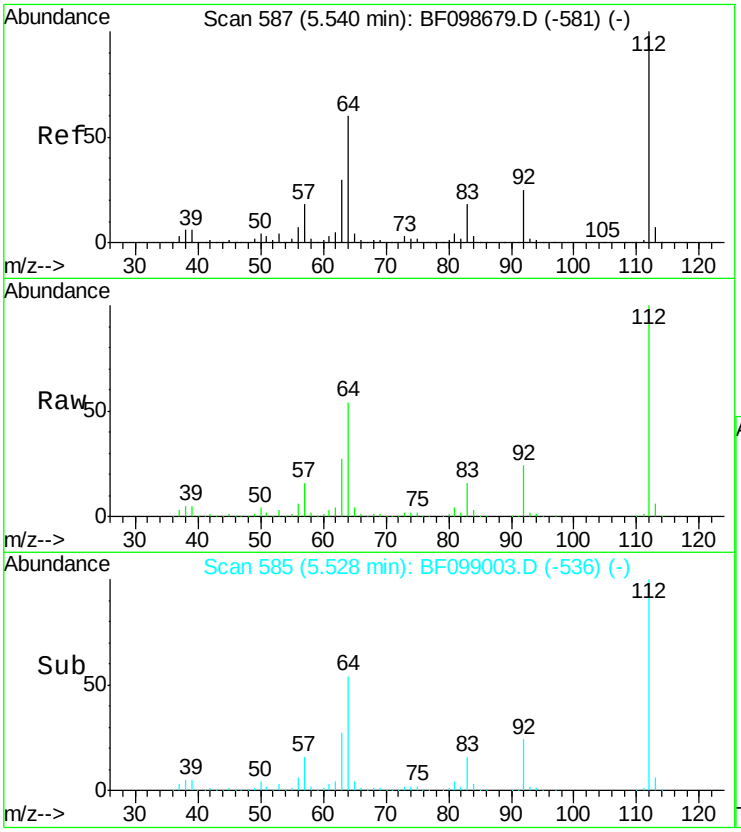


#4
n-Nitrosodimethylamine
Concen: 23.24 ng
RT: 3.47 min Scan# 236
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 42 Resp: 107836

Ion	Ratio	Lower	Upper
42	100		
74	139.8	104.9	157.3
44	7.6	6.9	10.3



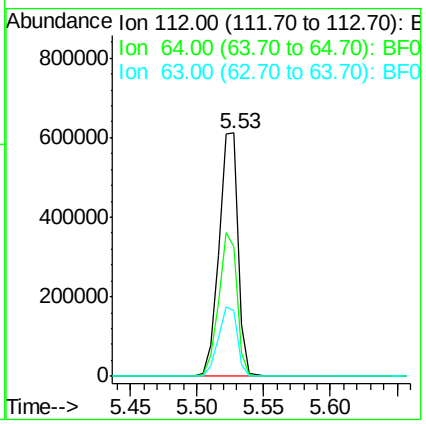


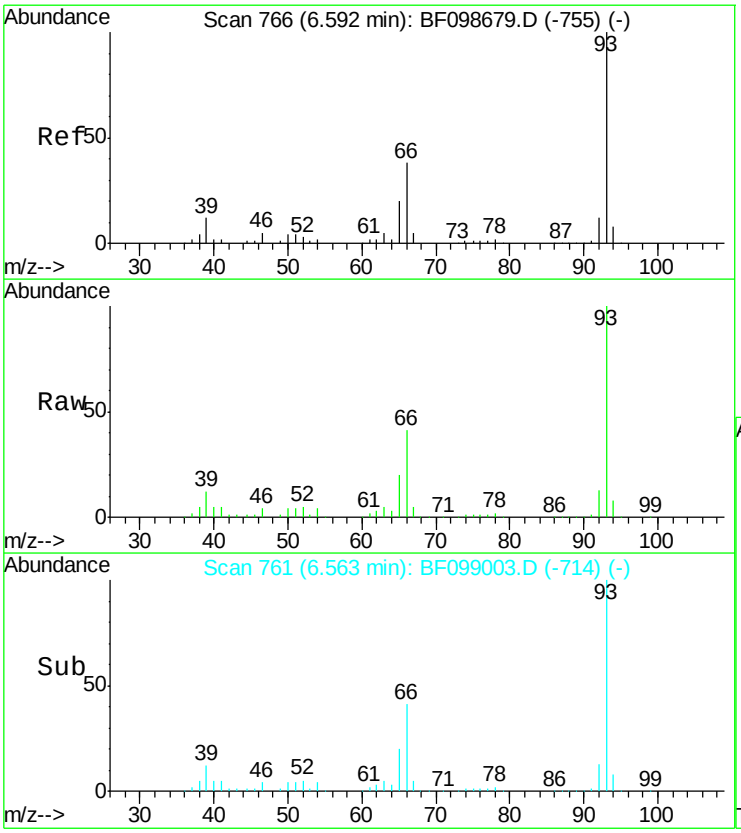
#5
2-Fluorophenol
Concen: 73.16 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 619343

Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	27.0	23.7	35.5

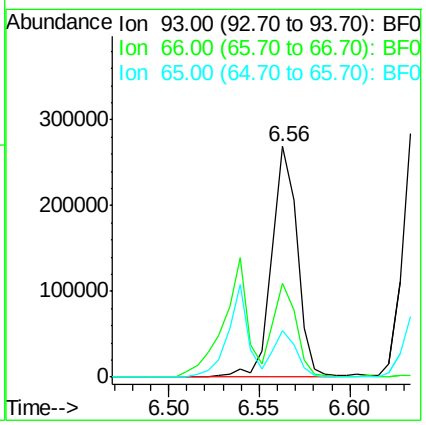


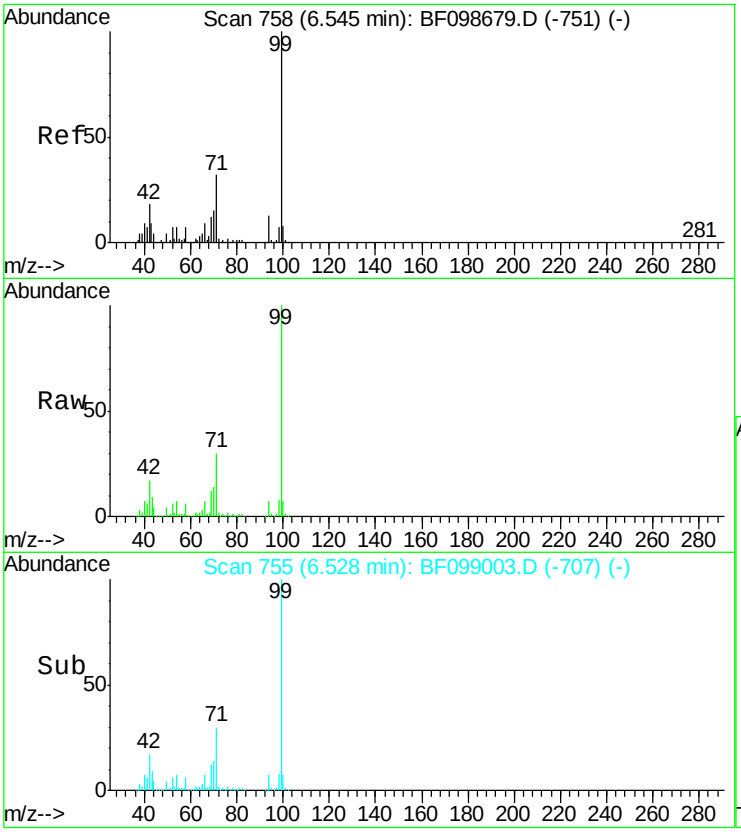


#6
Aniline
Concen: 18.64 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 93 Resp: 262795

Ion	Ratio	Lower	Upper
93	100		
66	41.0	32.2	48.2
65	20.3	16.4	24.6



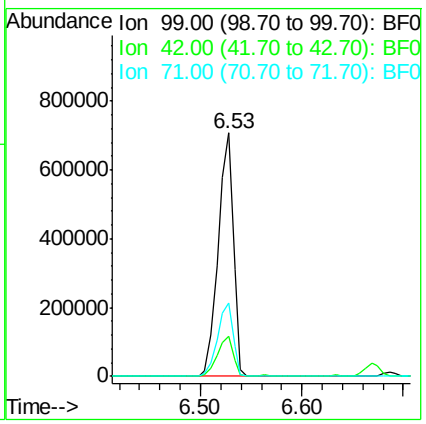


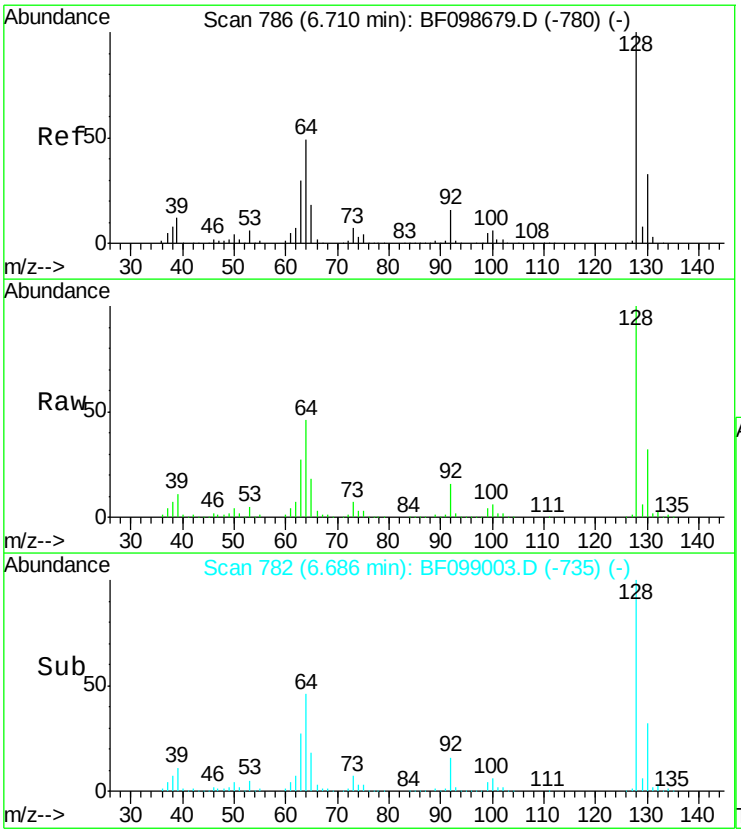
#7
Phenol-d6
Concen: 70.56 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 736886

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	30.3	25.4	38.0

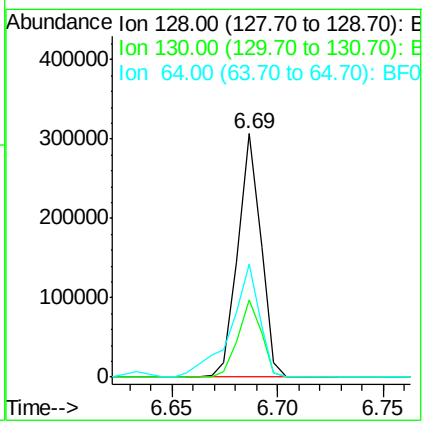


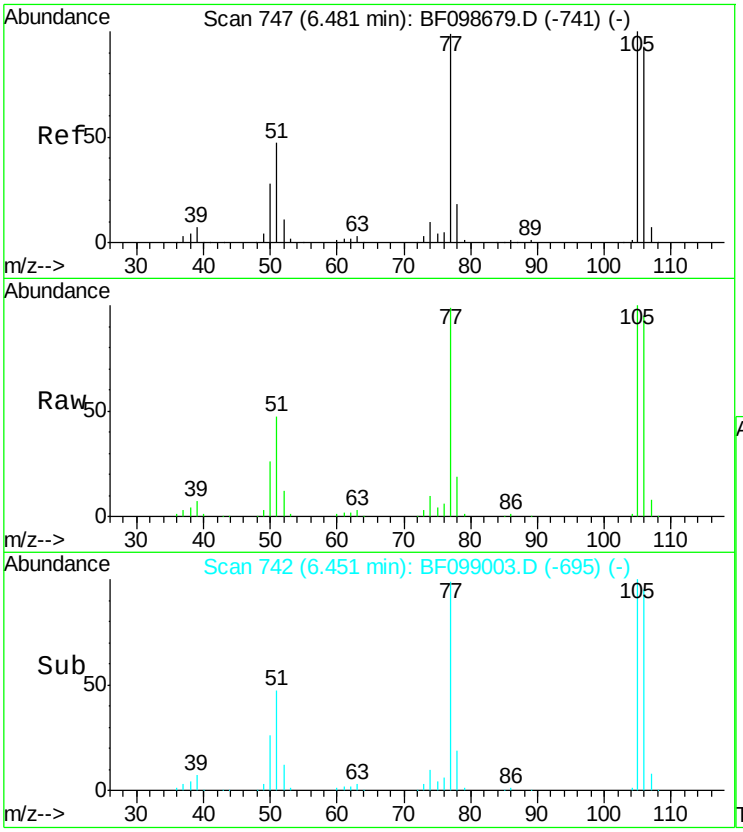


#8
2-Chlorophenol
Concen: 24.11 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:128 Resp: 231110

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	46.2	29.4	69.4



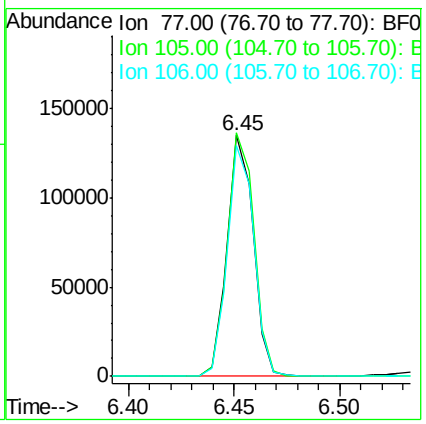


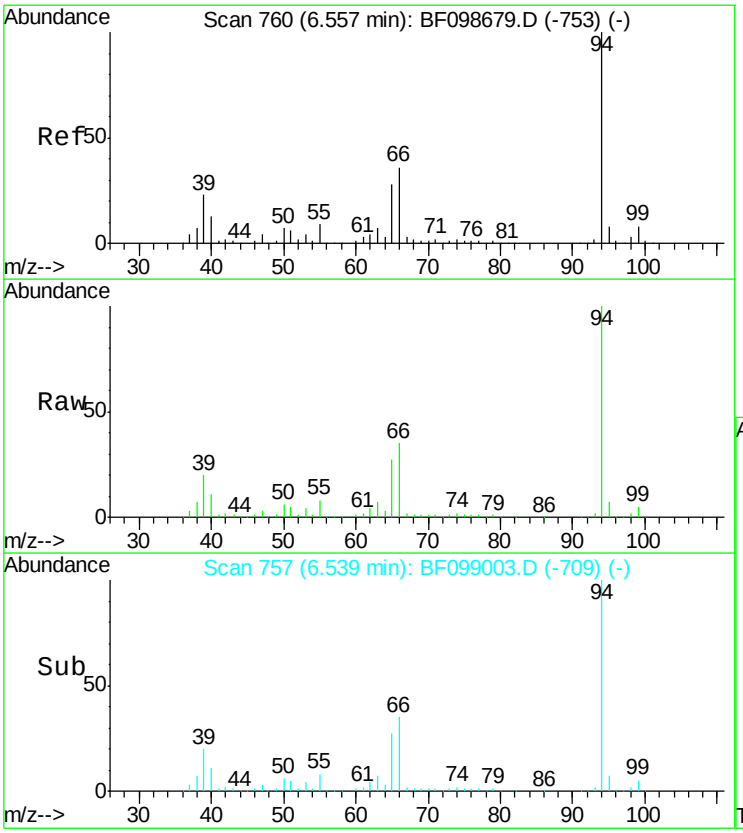
#9
Benzaldehyde
Concen: 19.01 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 115177

Ion	Ratio	Lower	Upper
77	100		
105	101.0	81.1	121.1
106	95.9	74.5	114.5

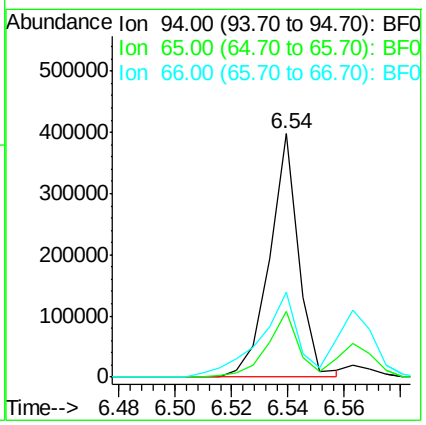


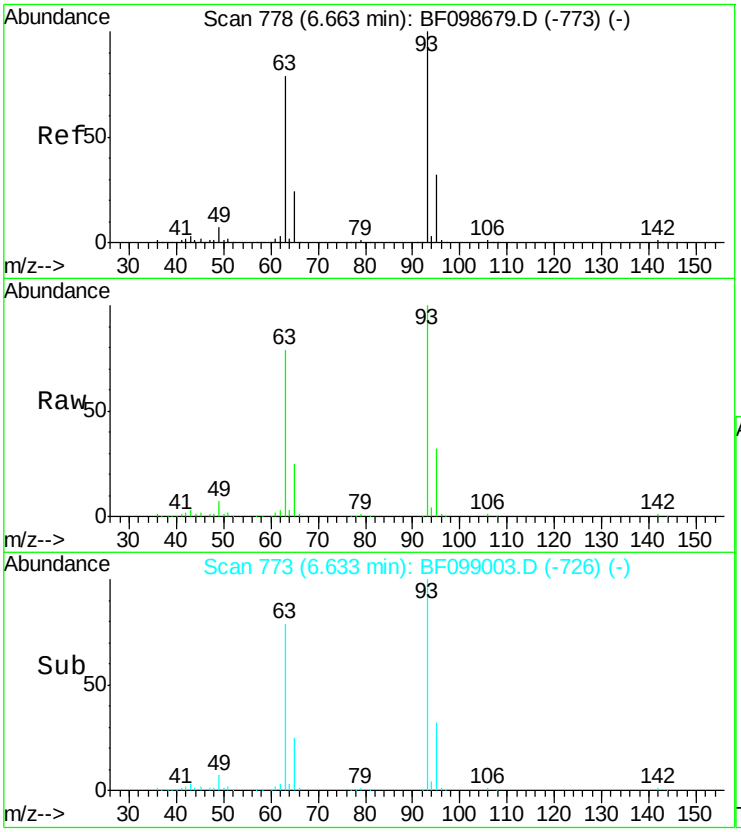


#10
Phenol
Concen: 24.36 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 94 Resp: 284536

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	34.9	16.2	56.2



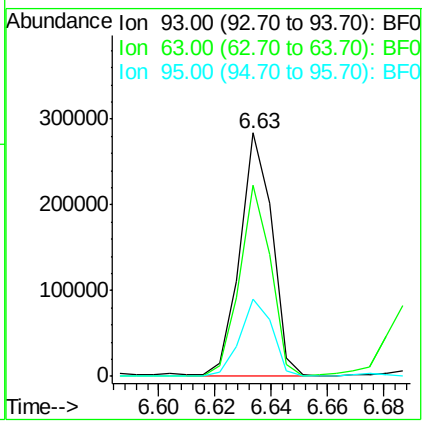


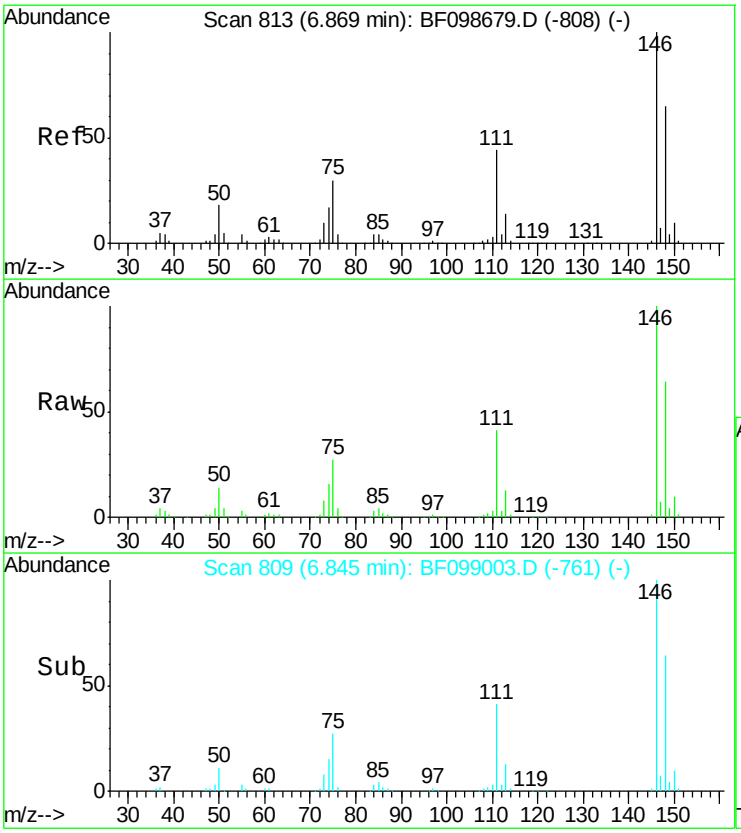
#11
bis(2-Chloroethyl)ether
Concen: 24.62 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 223557

Ion	Ratio	Lower	Upper
93	100		
63	78.5	58.6	98.6
95	31.9	11.8	51.8

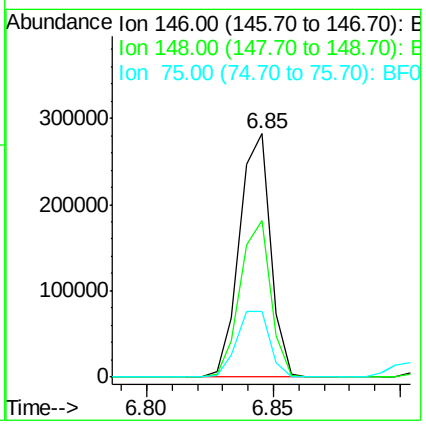


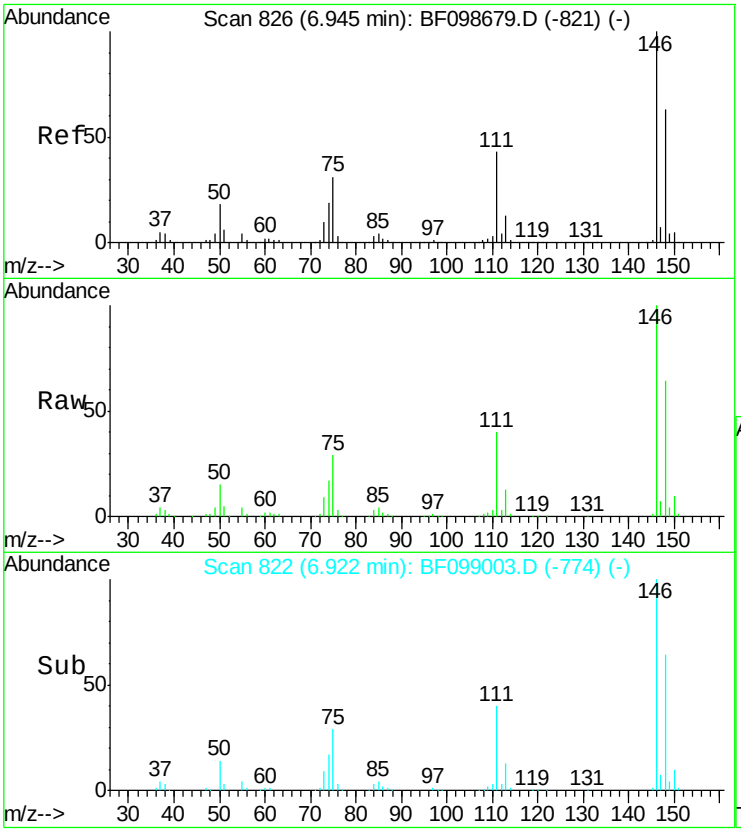


#12
1,3-Dichlorobenzene
Concen: 23.93 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:146 Resp: 240235

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	27.1	24.2	36.4



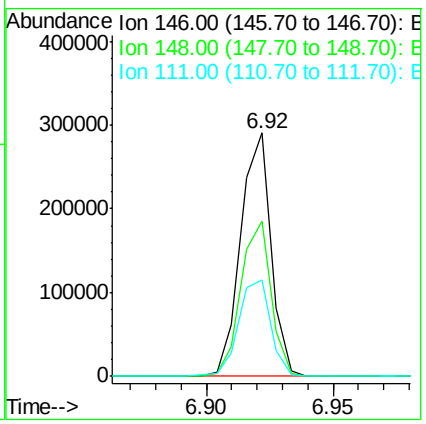


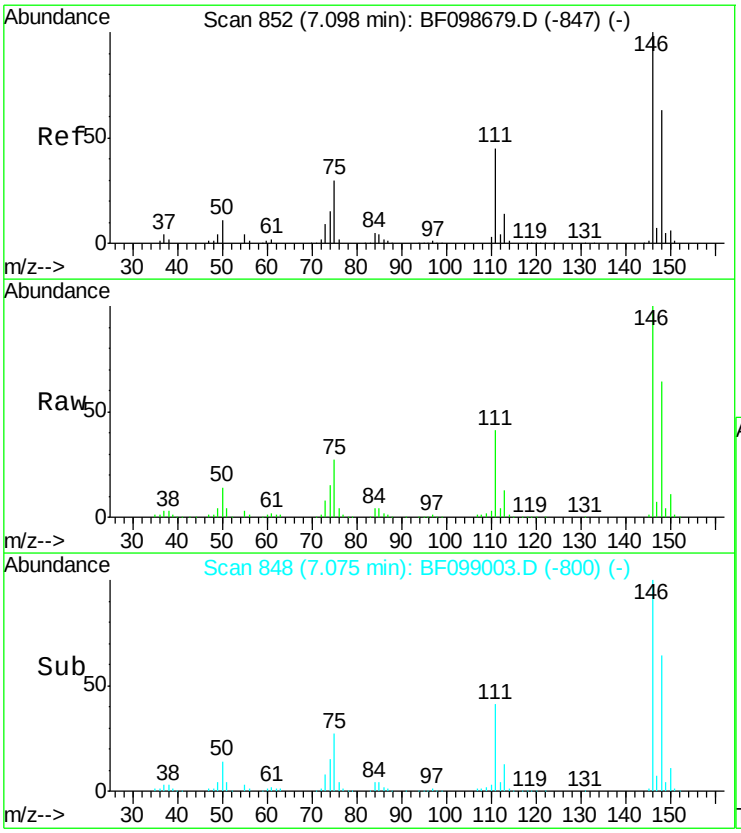
#13
1,4-Dichlorobenzene
Concen: 23.57 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 240801

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.7	34.2	51.2

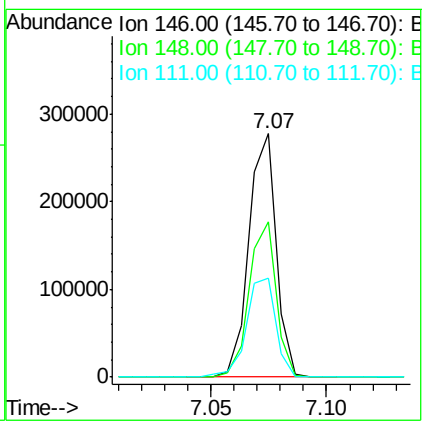


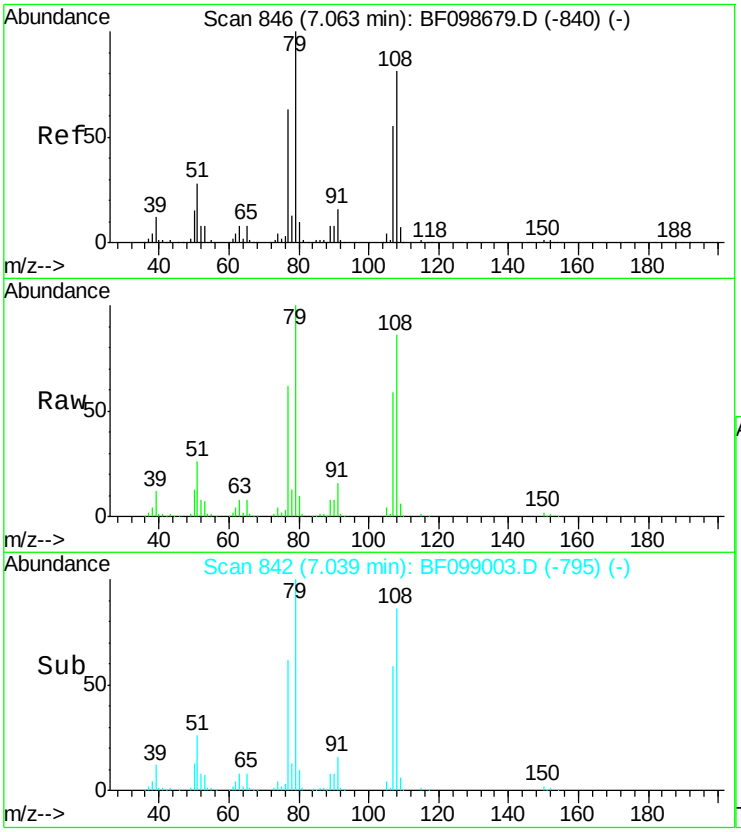


#14
1,2-Dichlorobenzene
Concen: 24.42 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:146 Resp: 230469

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	40.7	36.0	54.0



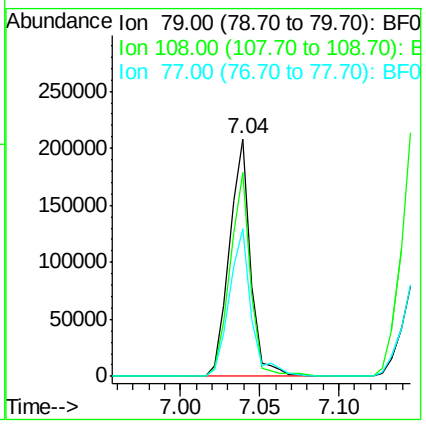


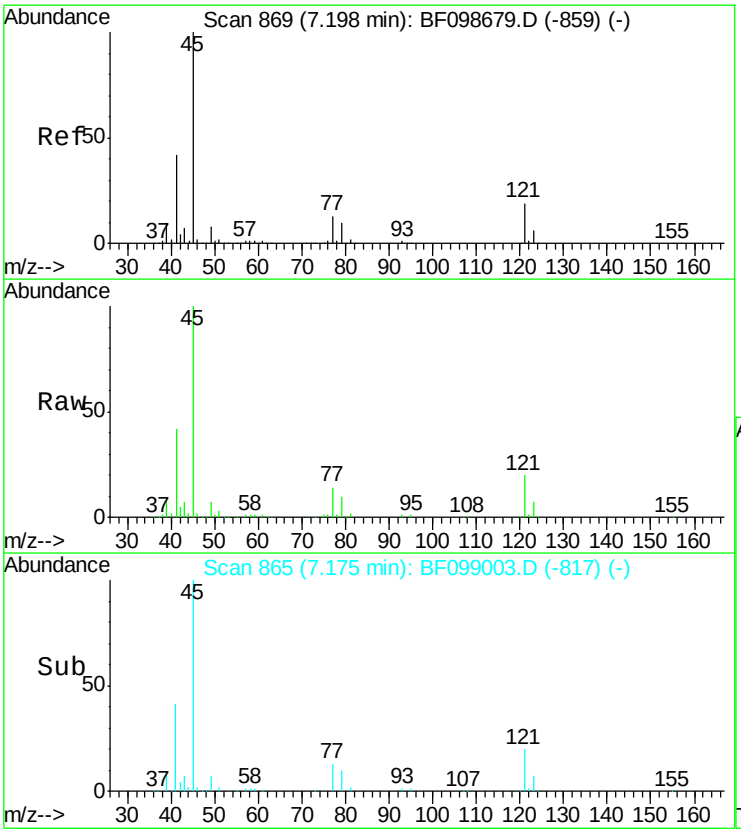
#15
Benzyl Alcohol
Concen: 25.03 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 191761

Ion	Ratio	Lower	Upper
79	100		
108	85.7	65.1	97.7
77	62.1	50.6	75.8

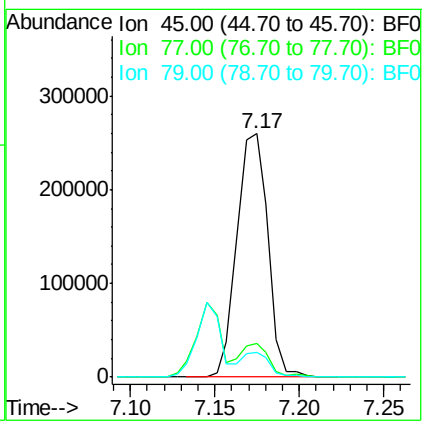


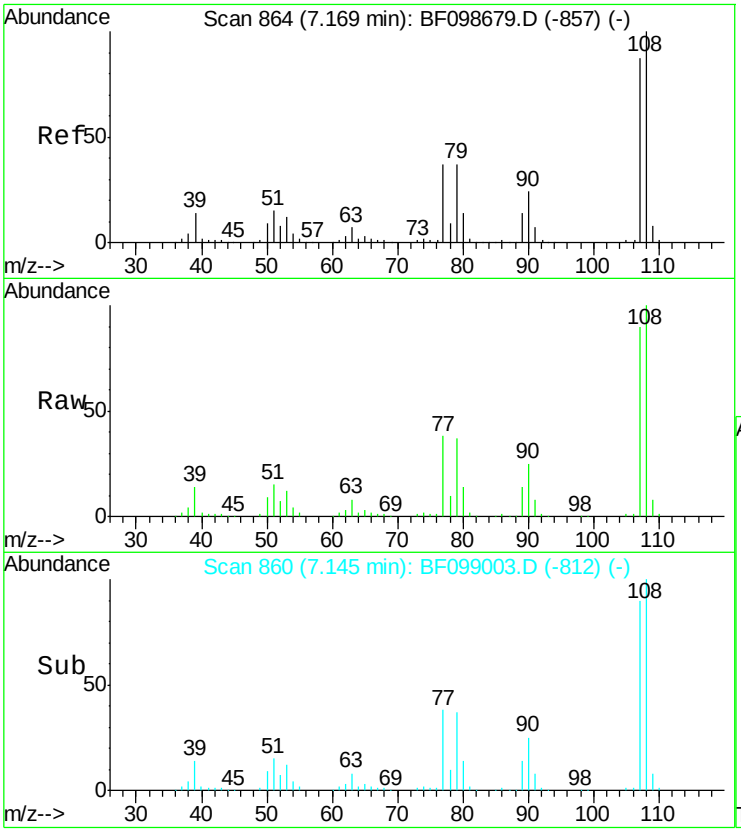


#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.37 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 45 Resp: 330550

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	32.9
79	10.3	0.0	29.6



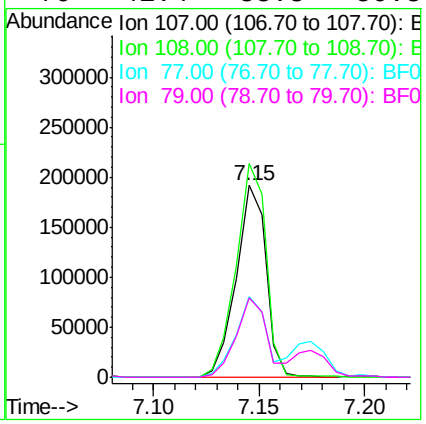


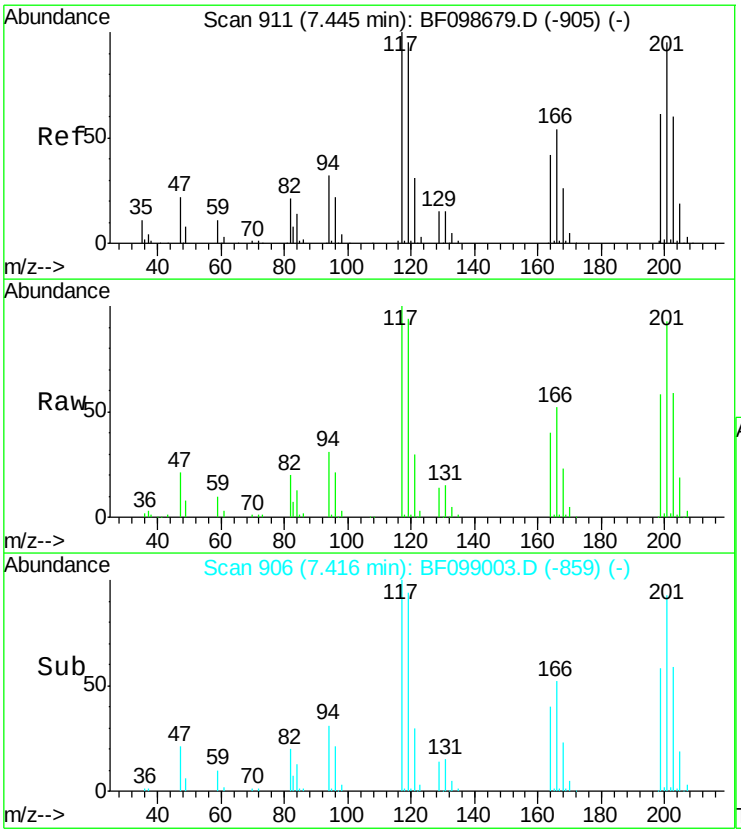
#17
2-Methylphenol
Concen: 23.93 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 187716

Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	41.8	33.8	50.8
79	41.4	33.8	50.8

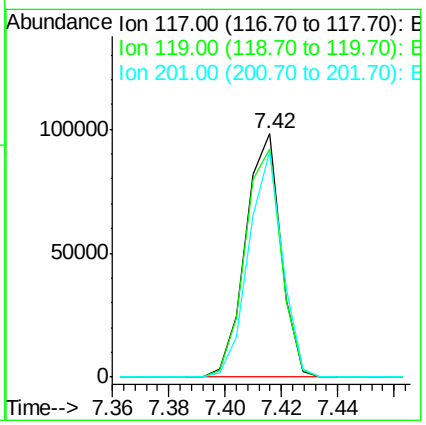


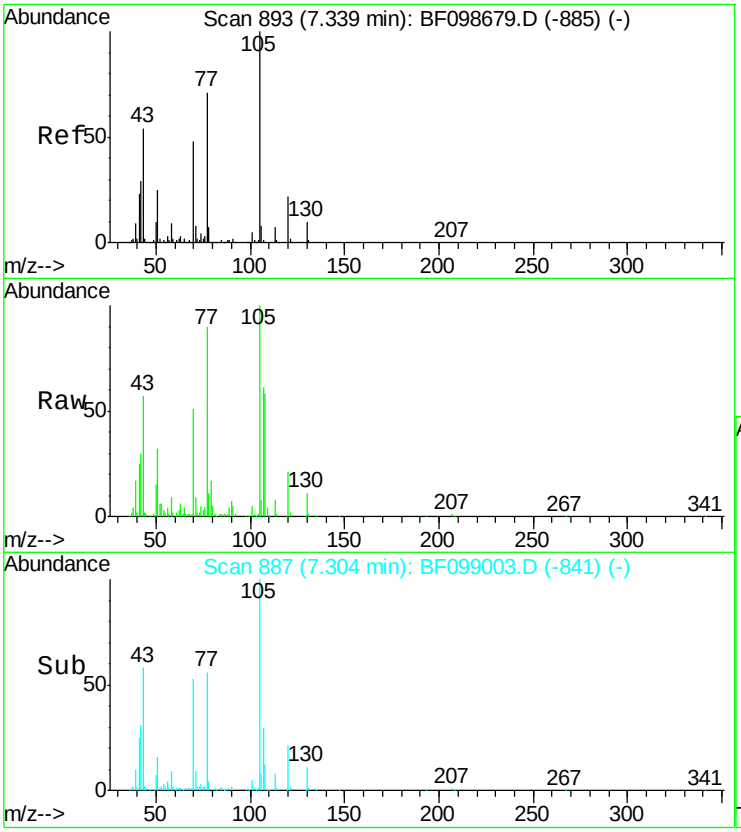


#18
Hexachloroethane
Concen: 23.19 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:117 Resp: 85154

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	92.6	75.7	113.5



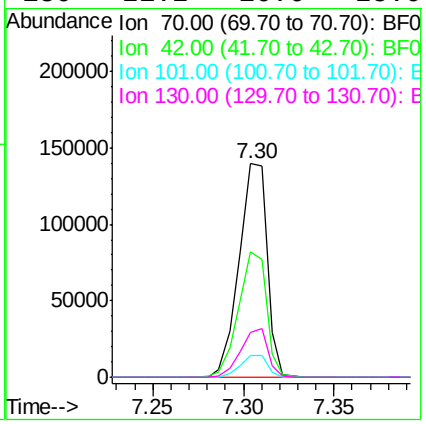


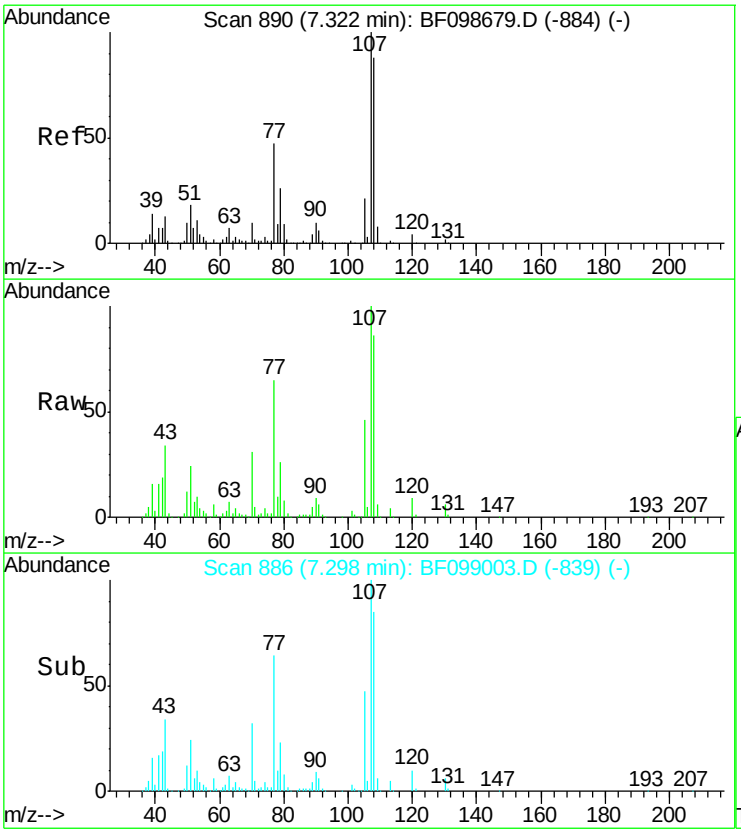
#19
n-Nitroso-di-n-propylamine
Concen: 22.63 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 150867

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	10.4	7.4	11.2
130	21.2	16.6	25.0

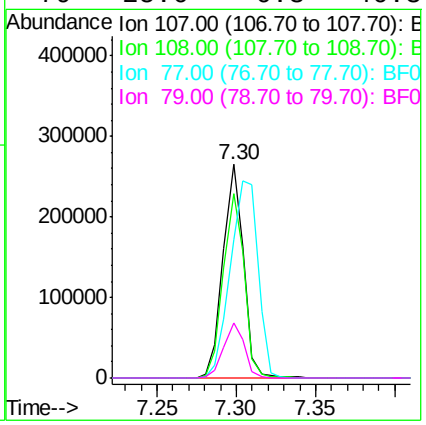


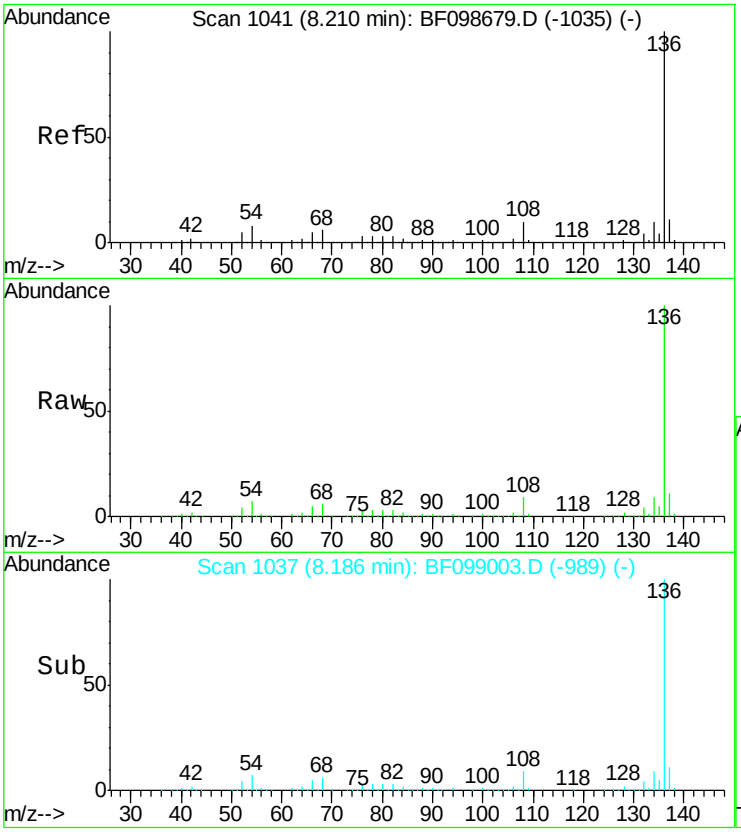


#20
3+4-Methylphenols
Concen: 24.02 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:107 Resp: 238421

Ion	Ratio	Lower	Upper
107	100		
108	86.3	68.2	108.2
77	64.9	26.7	66.7
79	25.6	6.3	46.3



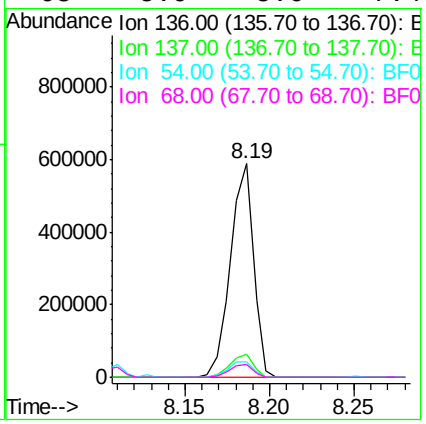


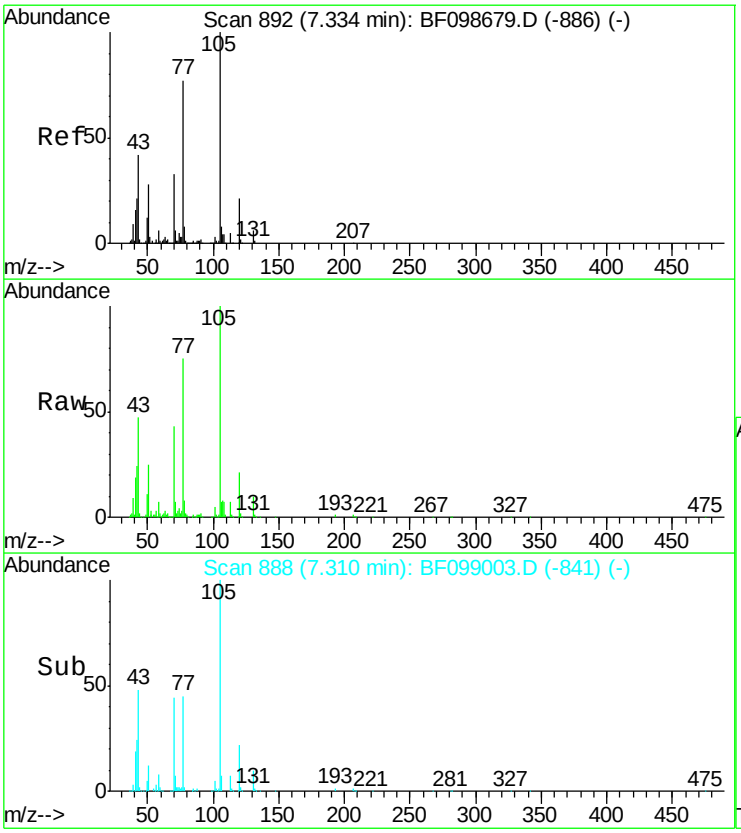
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 557929

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

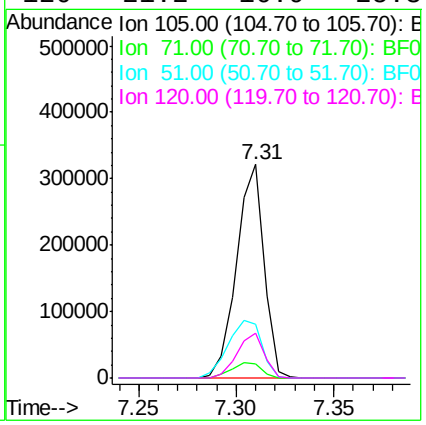


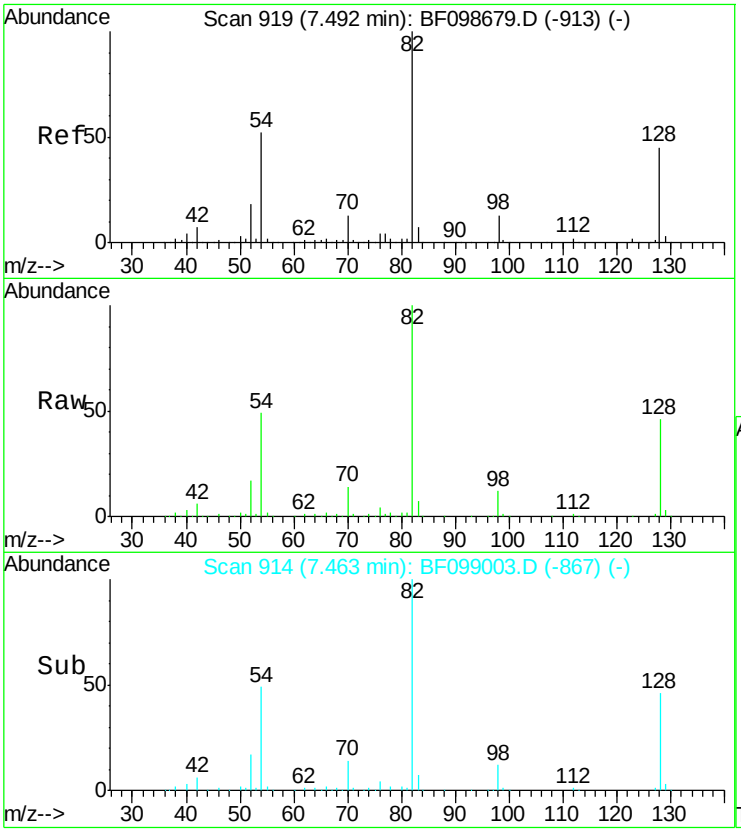


#22
Acetophenone
Concen: 23.13 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:105 Resp: 312659

Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	24.9	22.3	33.5
120	21.2	16.9	25.3



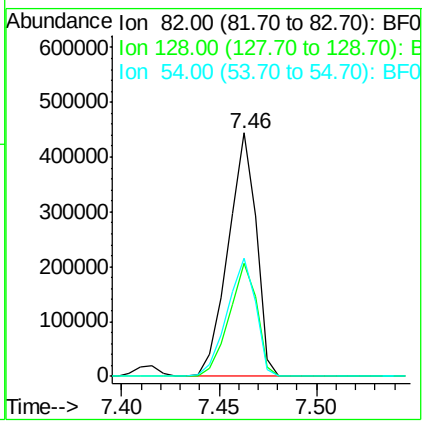


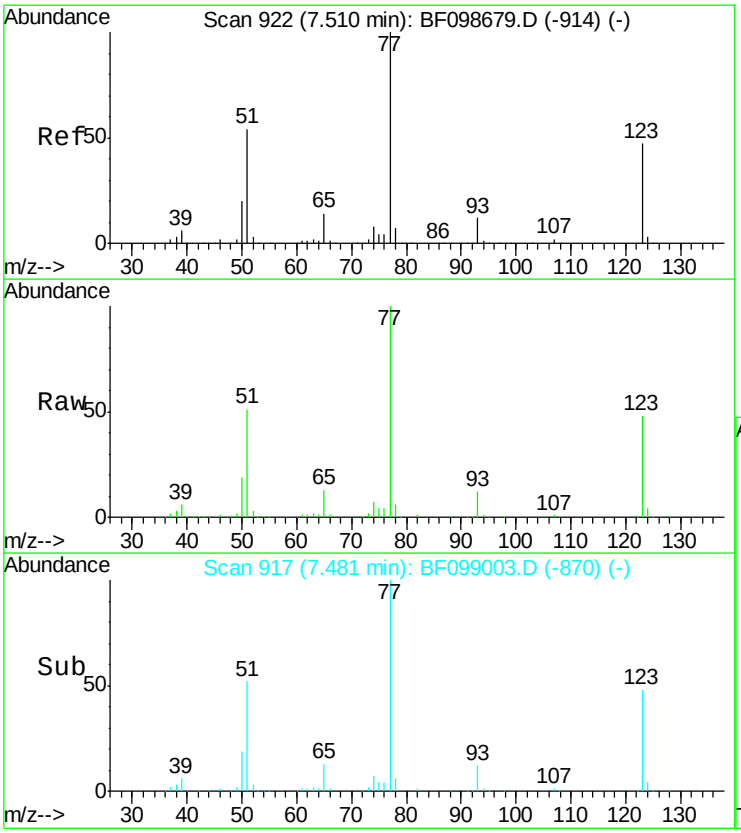
#23
Nitrobenzene-d5
Concen: 50.86 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 442472

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	48.7	41.4	62.2

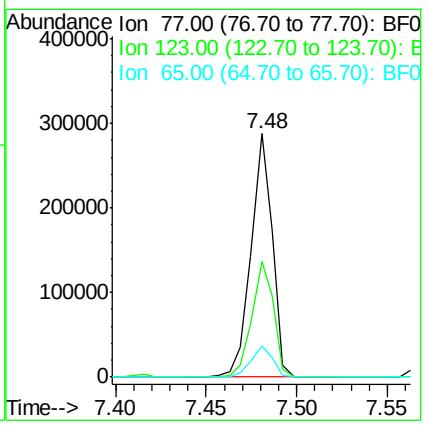


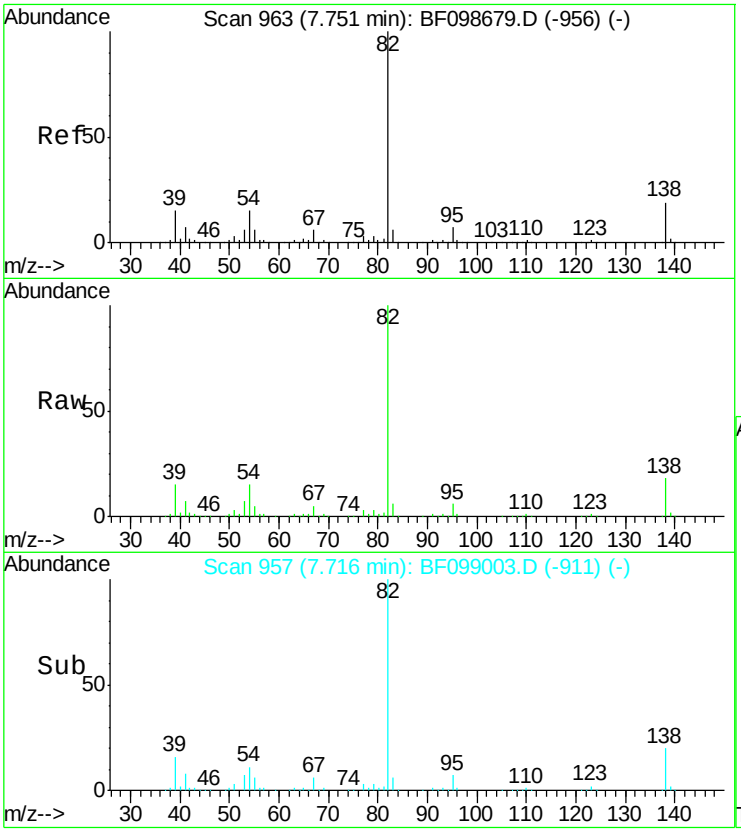


#24
Nitrobenzene
Concen: 23.73 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 77 Resp: 234171

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	12.8	11.0	16.4



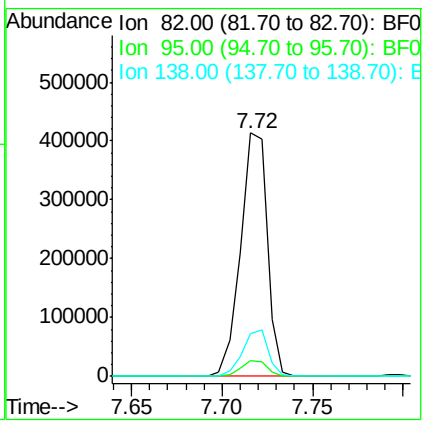


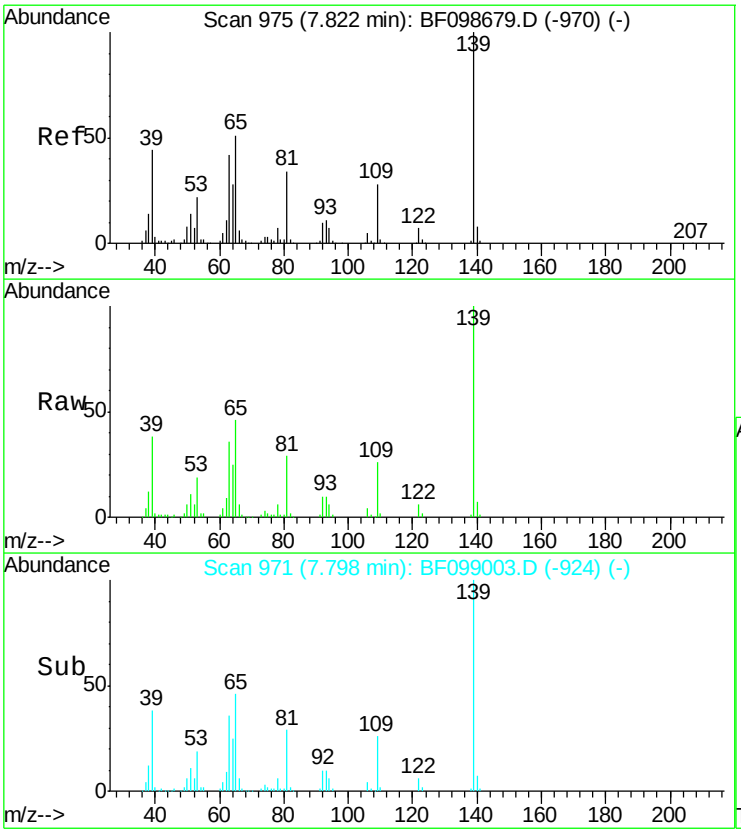
#25
Isophorone
Concen: 23.61 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 424631

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.7	14.9	22.3

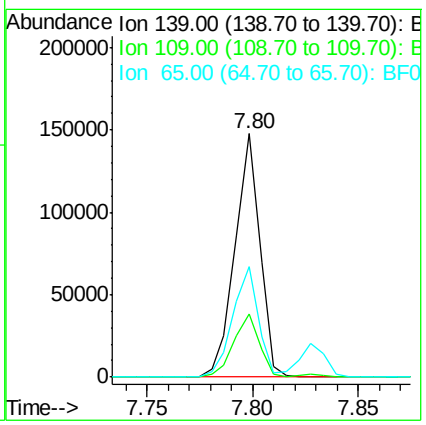


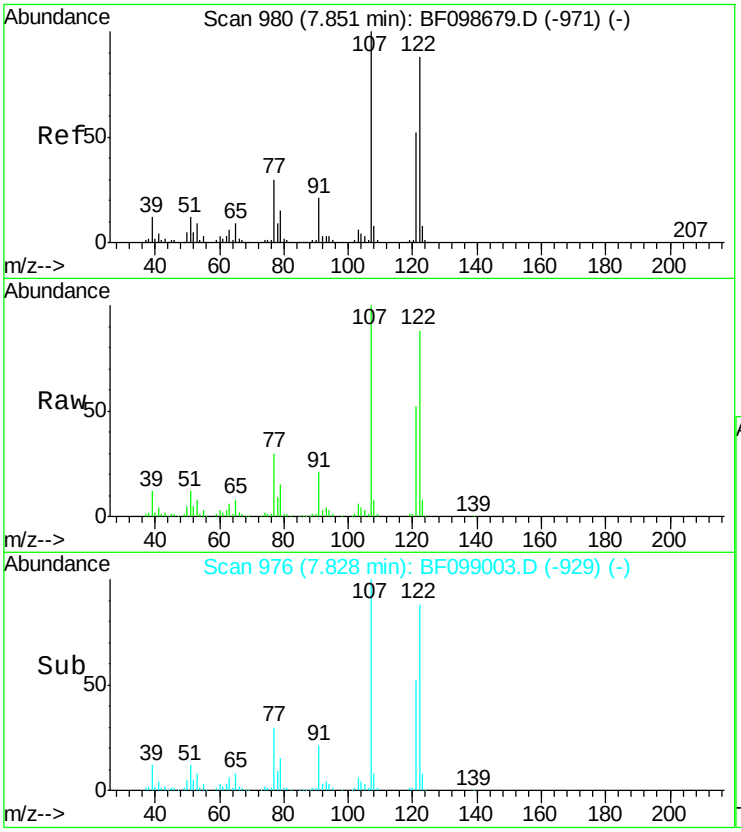


#26
2-Nitrophenol
Concen: 25.28 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:139 Resp: 119990

Ion	Ratio	Lower	Upper
139	100		
109	26.0	22.7	34.1
65	45.6	40.5	60.7



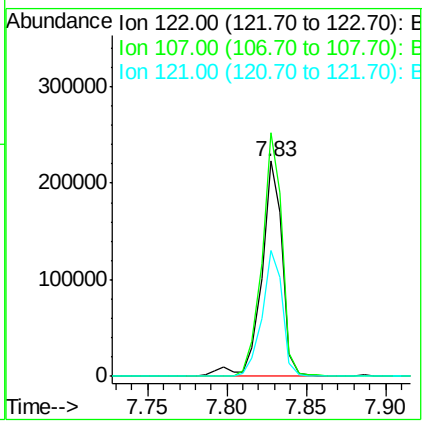


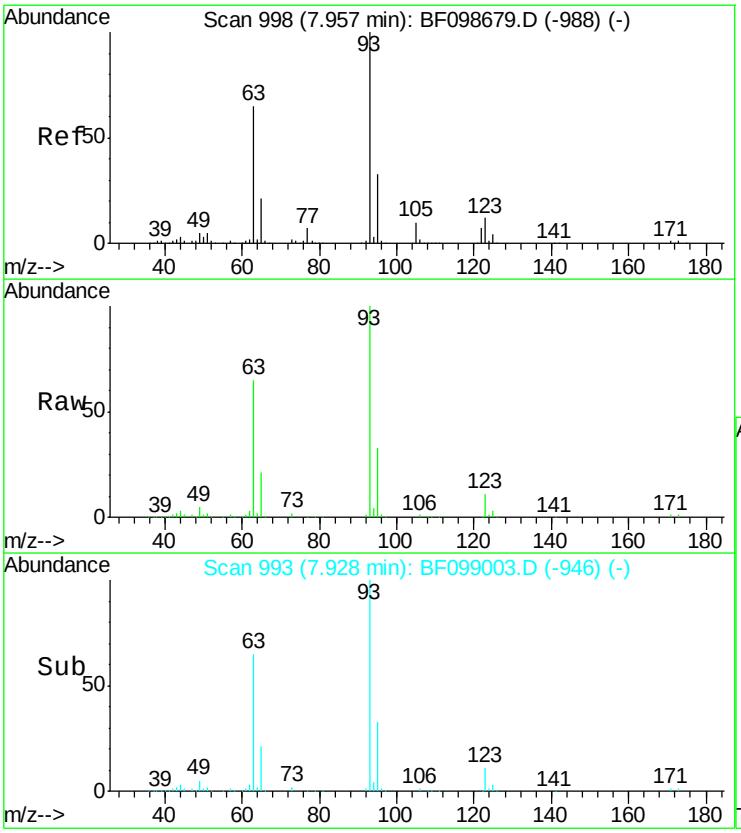
#27
2,4-Dimethylphenol
Concen: 22.80 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 204369

Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.2	136.8
121	58.5	47.2	70.8

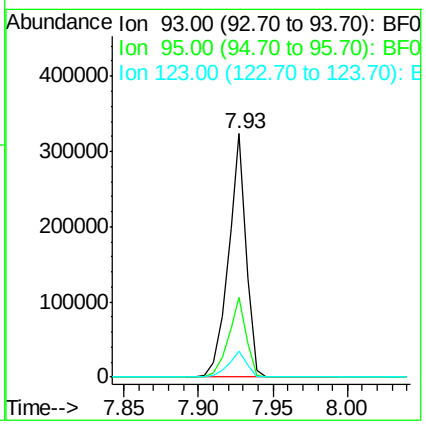


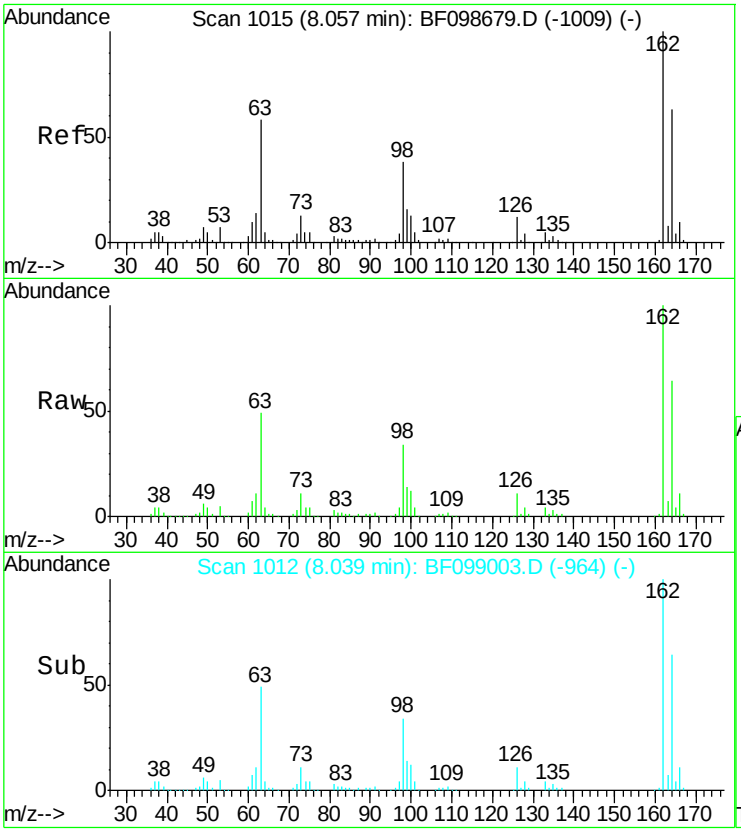


#28
bis(2-Chloroethoxy)methane
Concen: 24.14 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 93 Resp: 270614

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	10.9	9.8	14.6



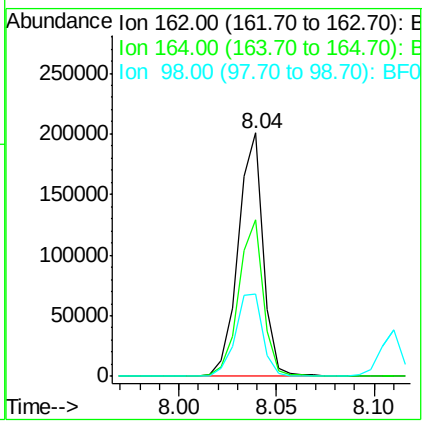


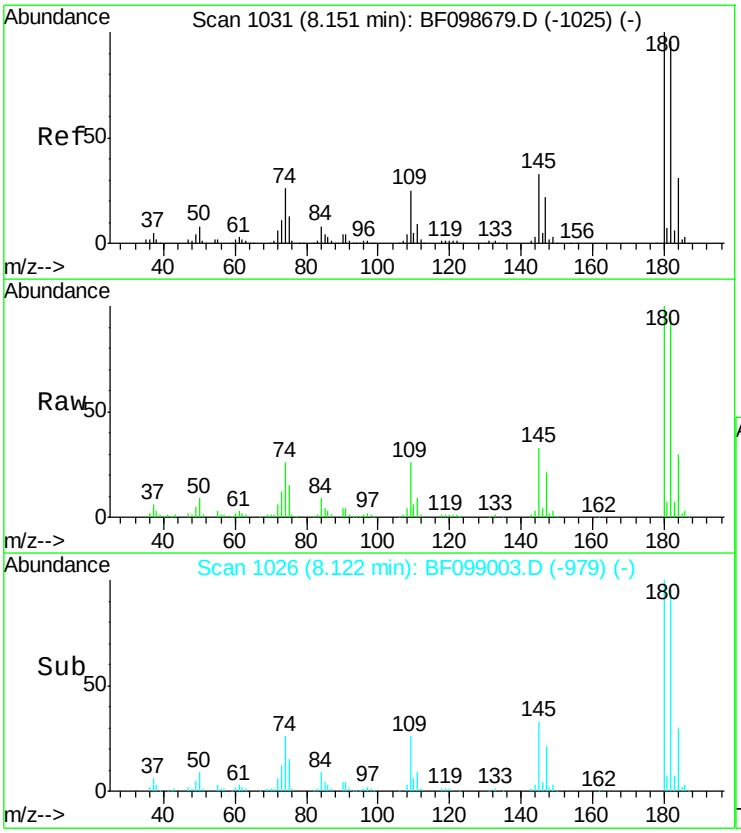
#29
2,4-Dichlorophenol
Concen: 23.22 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 178654

Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	33.7	18.1	58.1

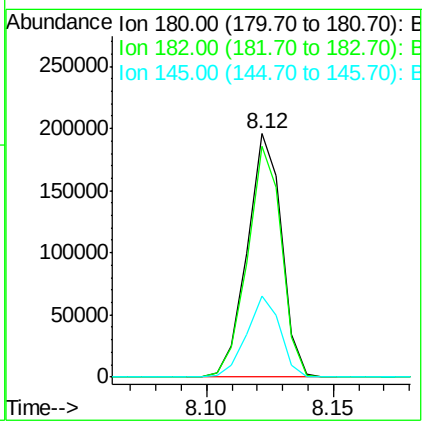


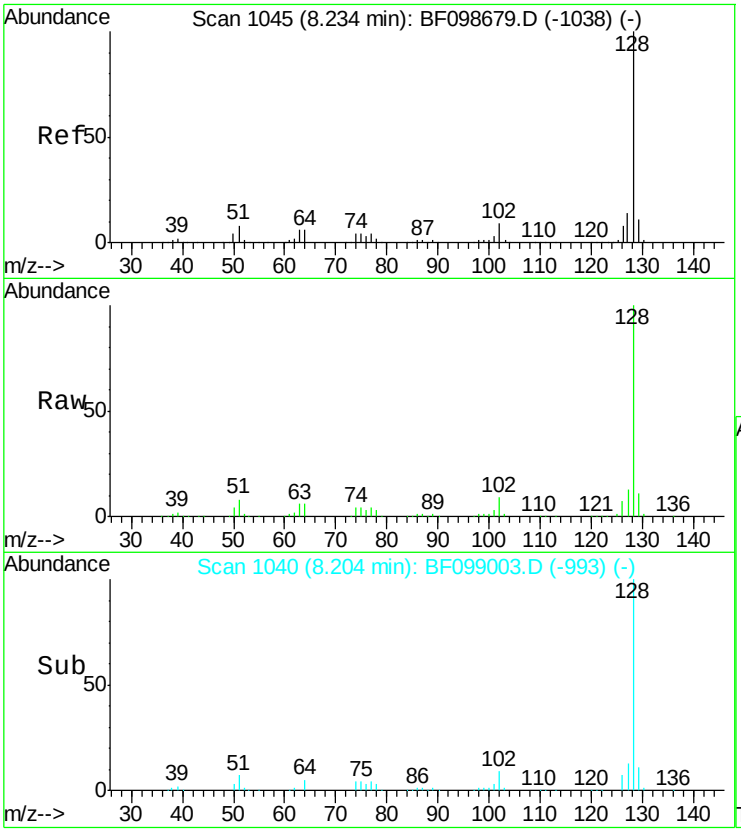


#30
1,2,4-Trichlorobenzene
Concen: 23.90 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:180 Resp: 183902

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	33.4	26.5	39.7



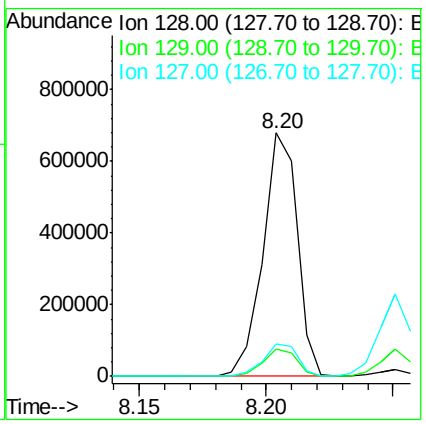


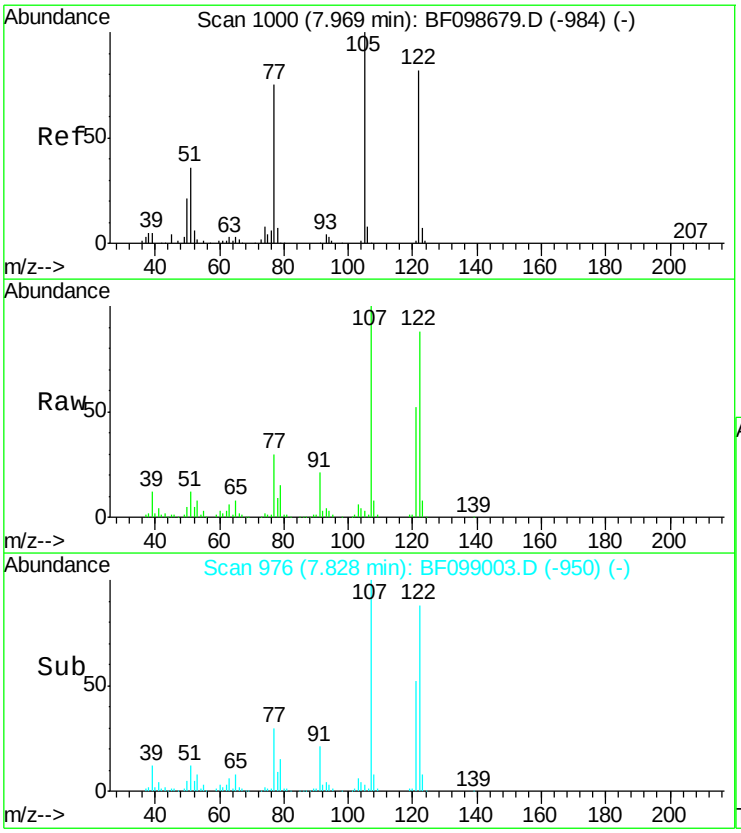
#31
Naphthalene
Concen: 24.35 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 638035

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.1	10.9	16.3

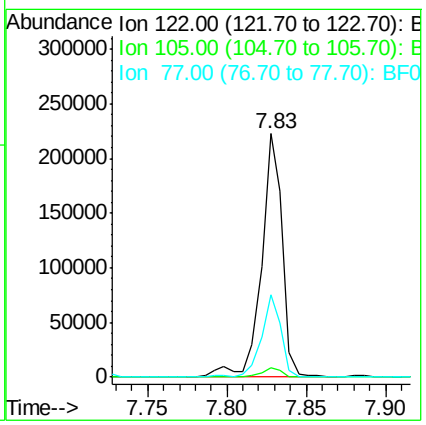


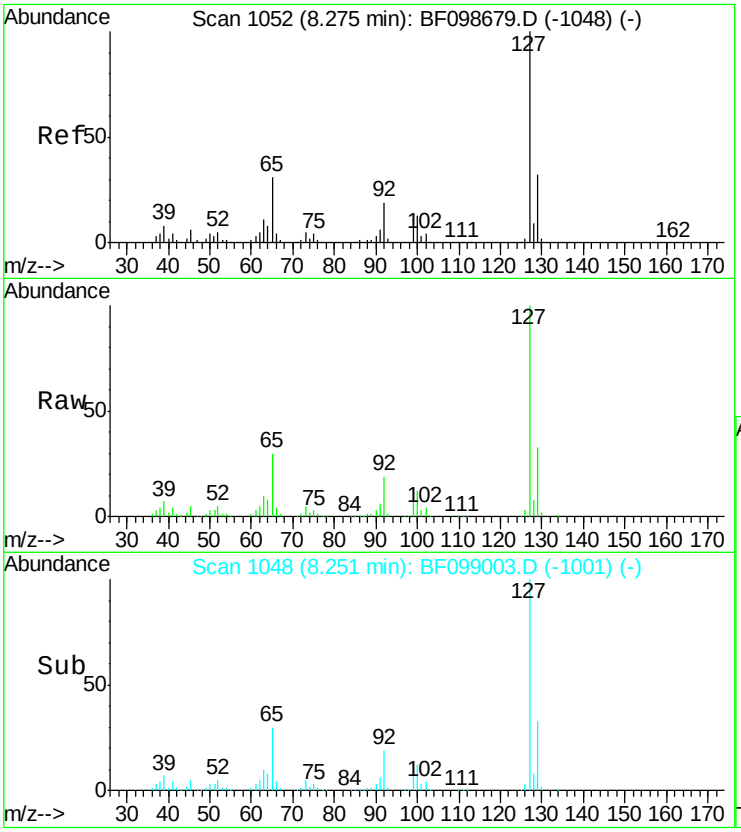


#32
Benzoic acid
Concen: 27.76 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.15 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:122 Resp: 204369

Ion	Ratio	Lower	Upper
122	100		
105	3.8	101.1	141.1#
77	33.8	70.7	110.7#



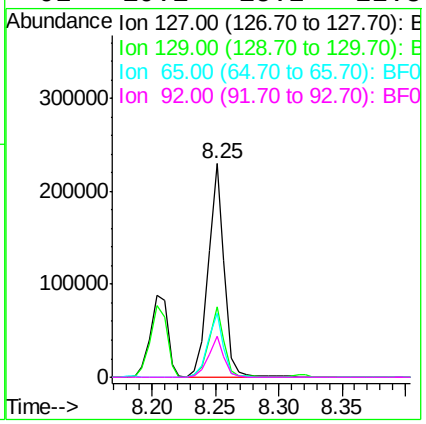


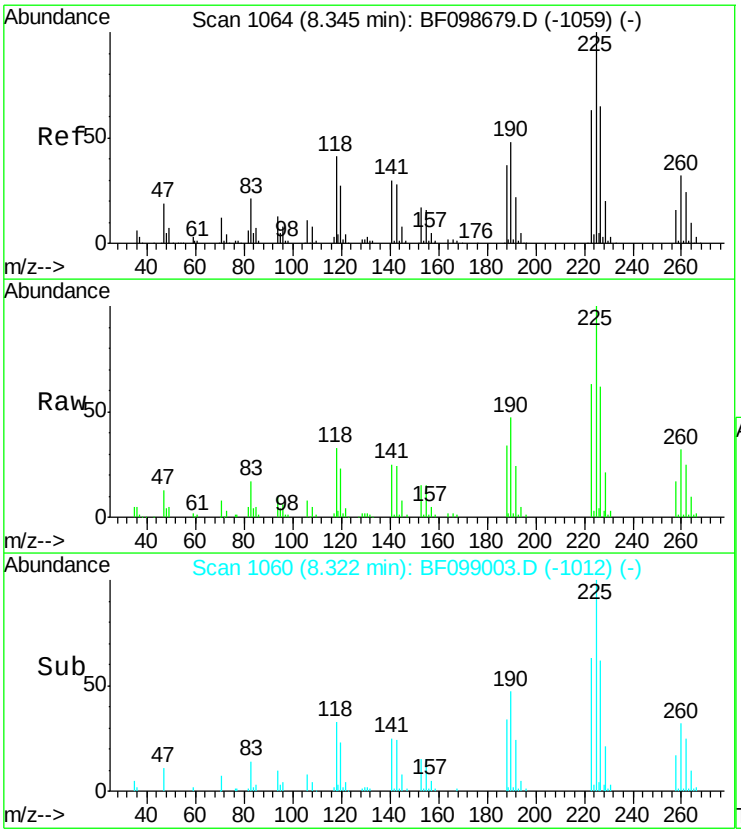
#33
4-Chloroaniline
Concen: 18.61 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 203619

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.8	25.0	37.4
92	19.1	15.2	22.8

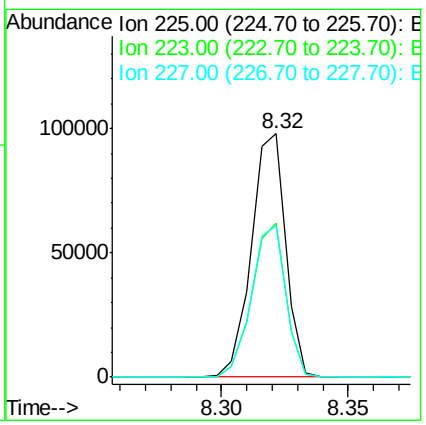


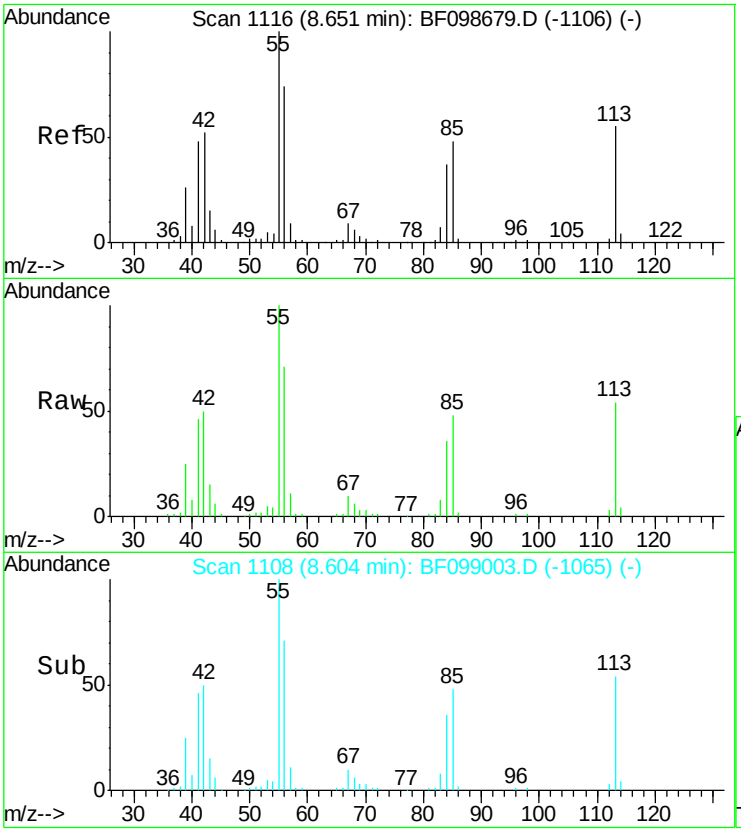


#34
Hexachlorobutadiene
Concen: 23.34 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:225 Resp: 92524

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.2	51.9	77.9



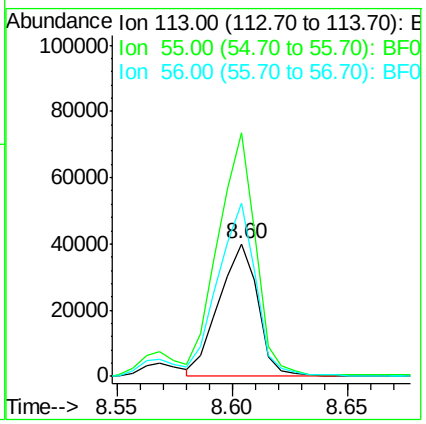


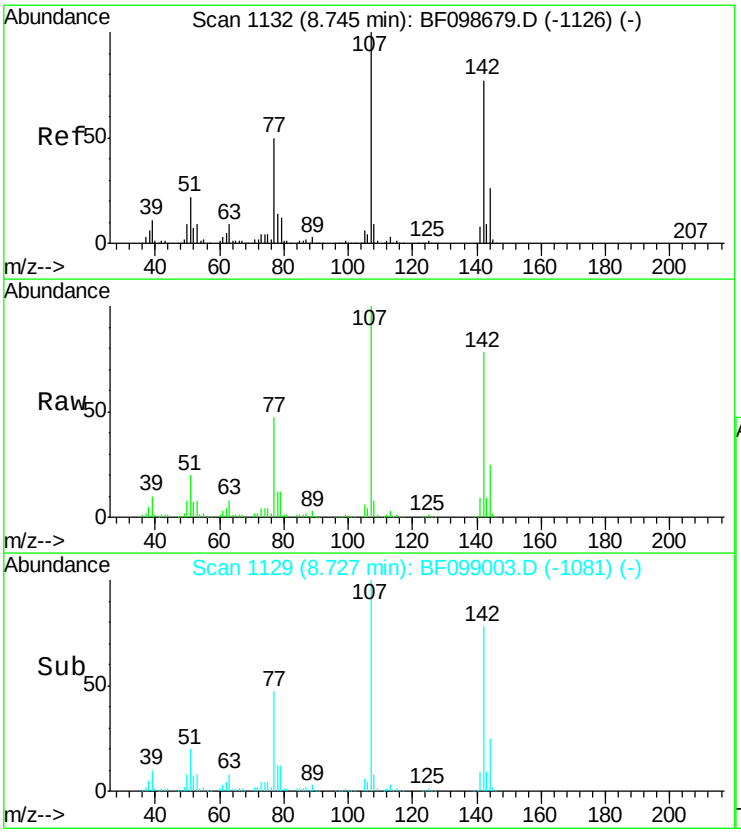
#35
Caprolactam
Concen: 18.89 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.05 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 46615

Ion	Ratio	Lower	Upper
113	100		
55	183.8	163.3	203.3
56	130.3	115.7	155.7

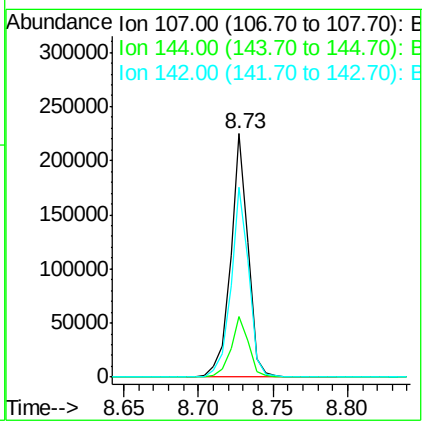


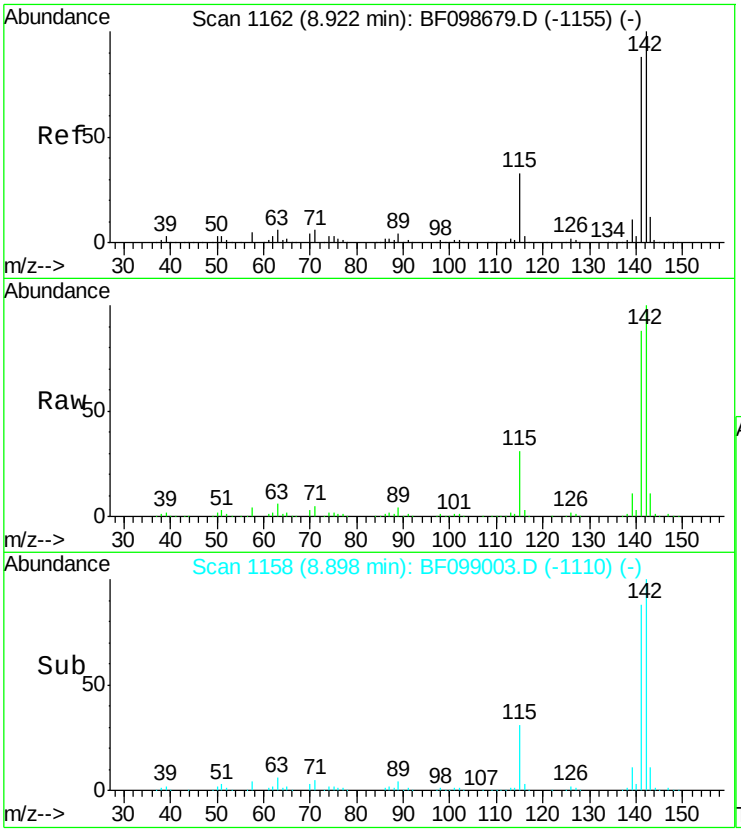


#36
4-Chloro-3-methylphenol
Concen: 21.53 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:107 Resp: 186243

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.5	30.7
142	77.8	62.0	93.0



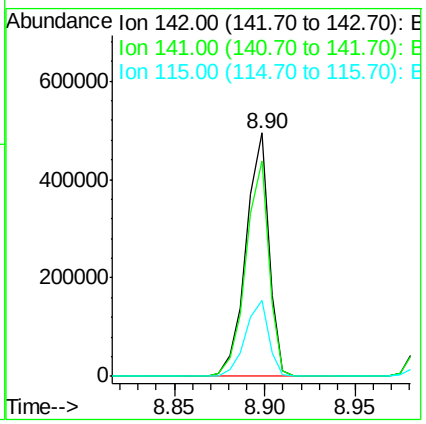


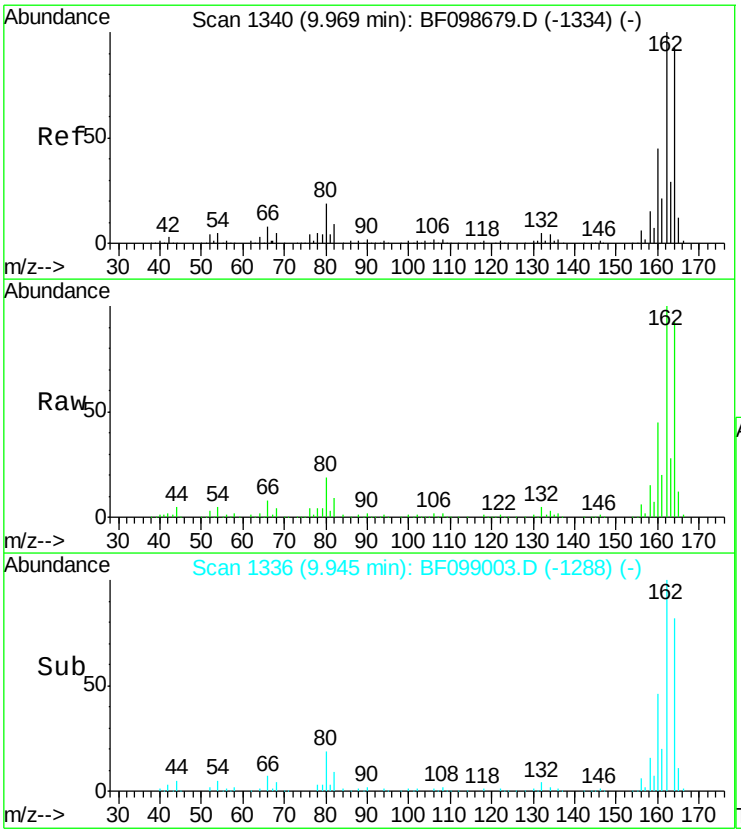
#37
2-Methylnaphthalene
Concen: 25.56 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 435367

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	31.0	26.1	39.1

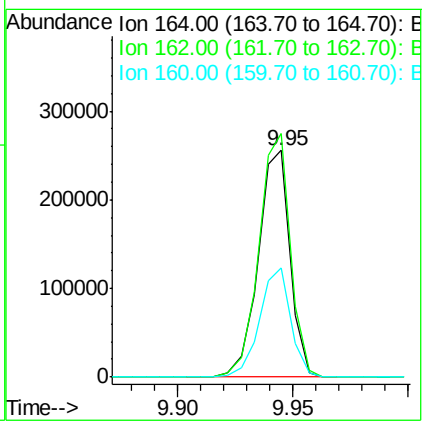


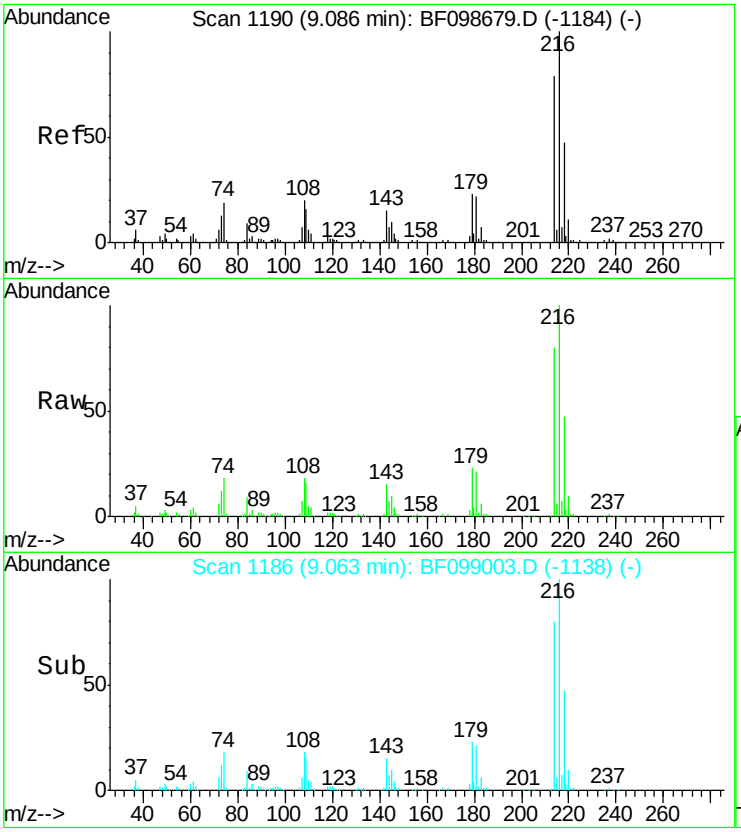


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:164 Resp: 243751

Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	48.3	38.3	57.5



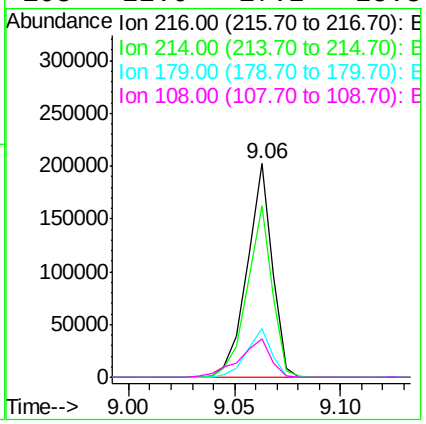


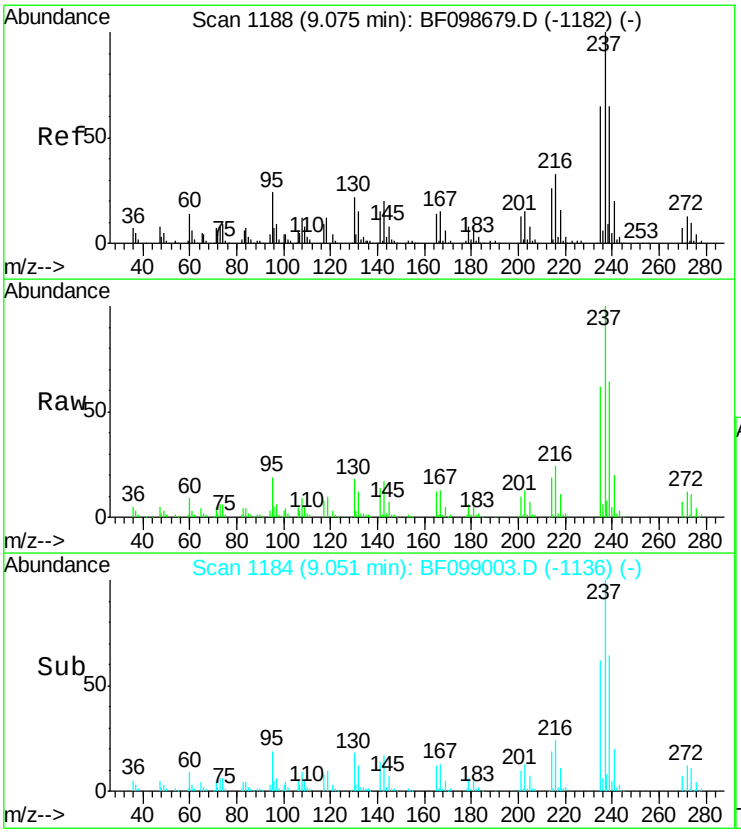
#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.00 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 167196

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.4	18.1	27.1
108	22.0	17.2	25.8

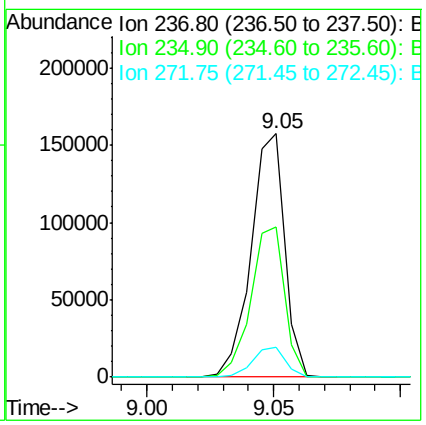


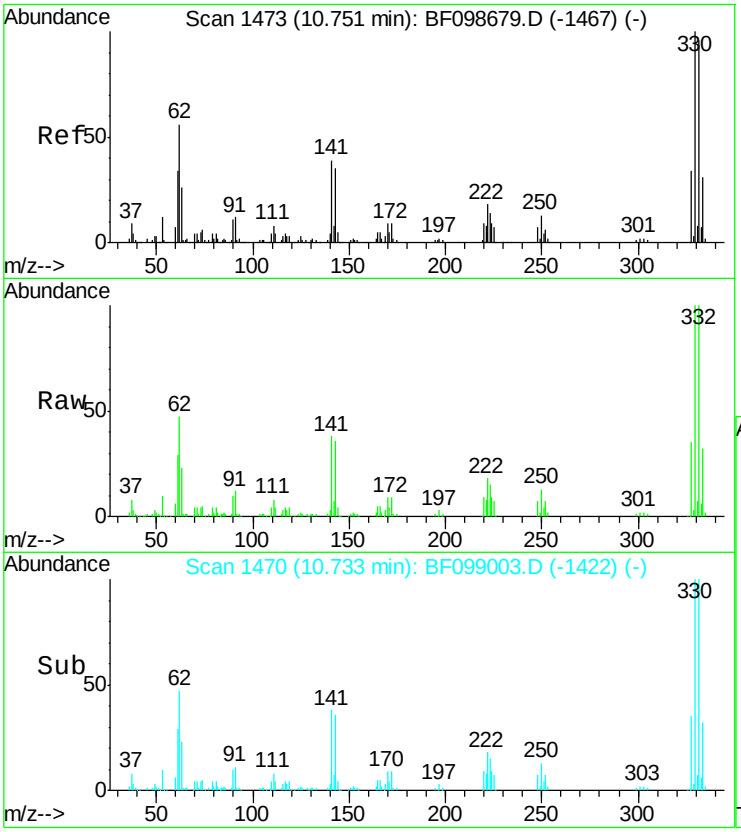


#40
Hexachlorocyclopentadiene
Concen: 43.86 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:237 Resp: 145703

Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.8	84.8
272	12.5	0.0	33.3



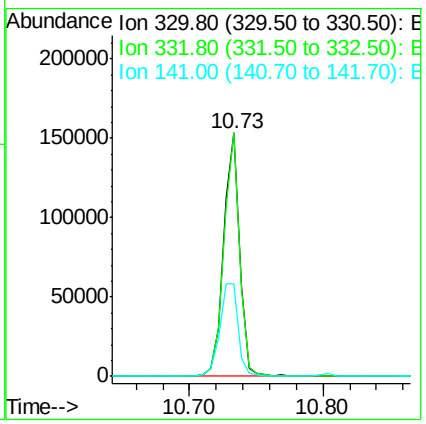


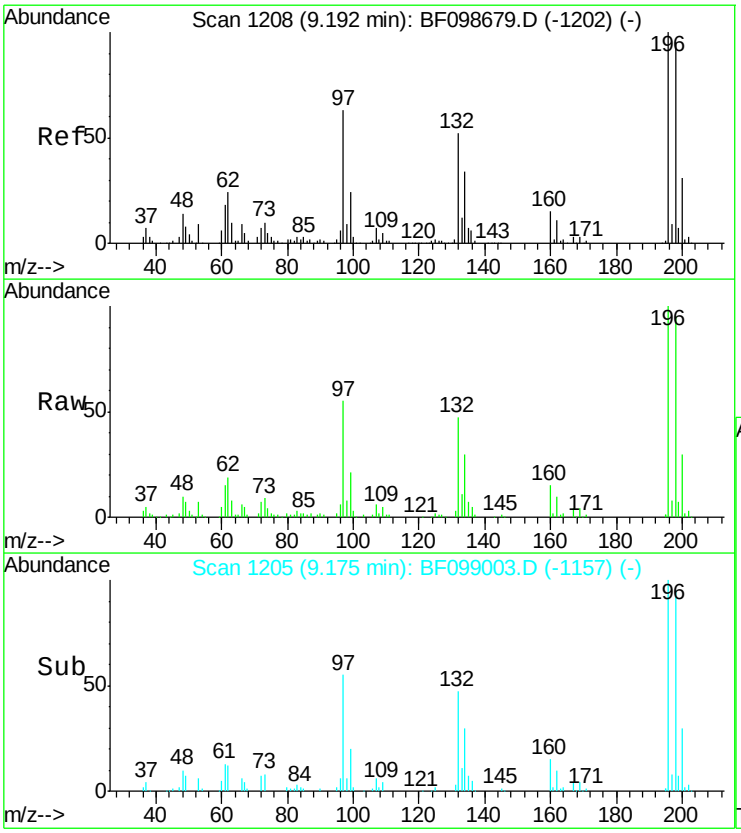
#41
2,4,6-Tribromophenol
Concen: 65.41 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 130468

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	43.6	29.9	44.9

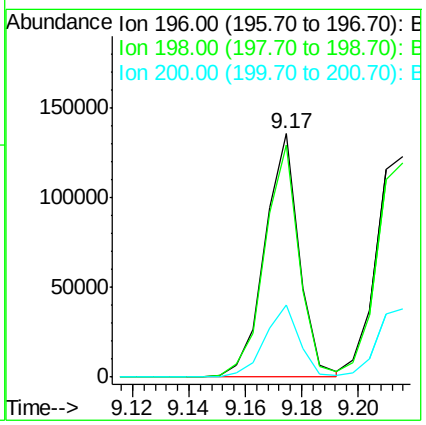


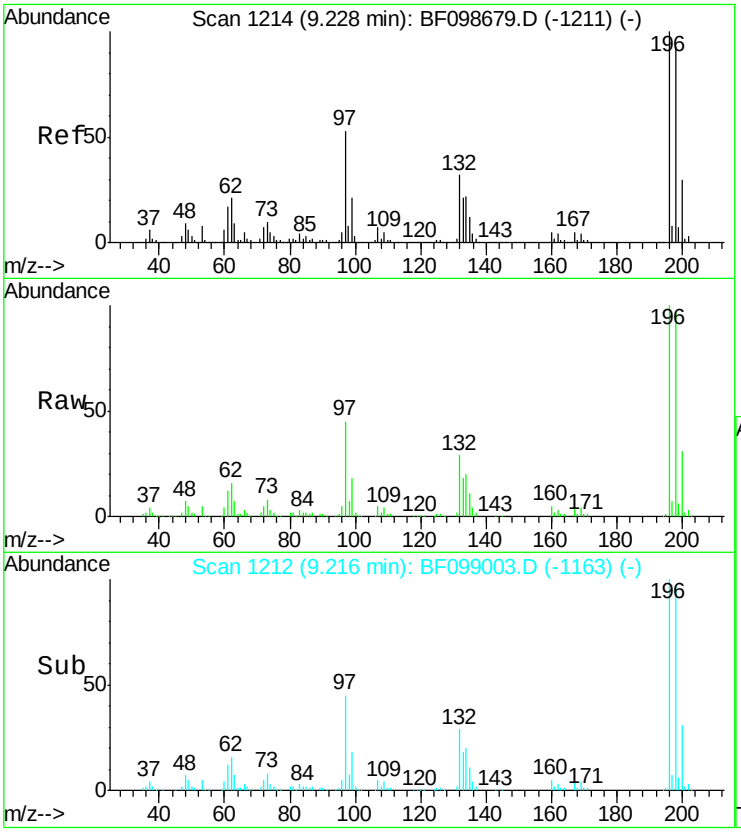


#42
2,4,6-Trichlorophenol
Concen: 22.10 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:196 Resp: 113804

Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	29.5	24.5	36.7



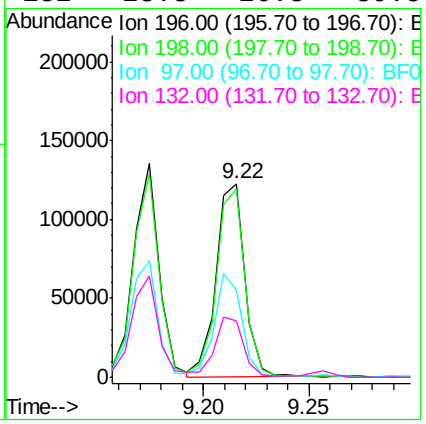


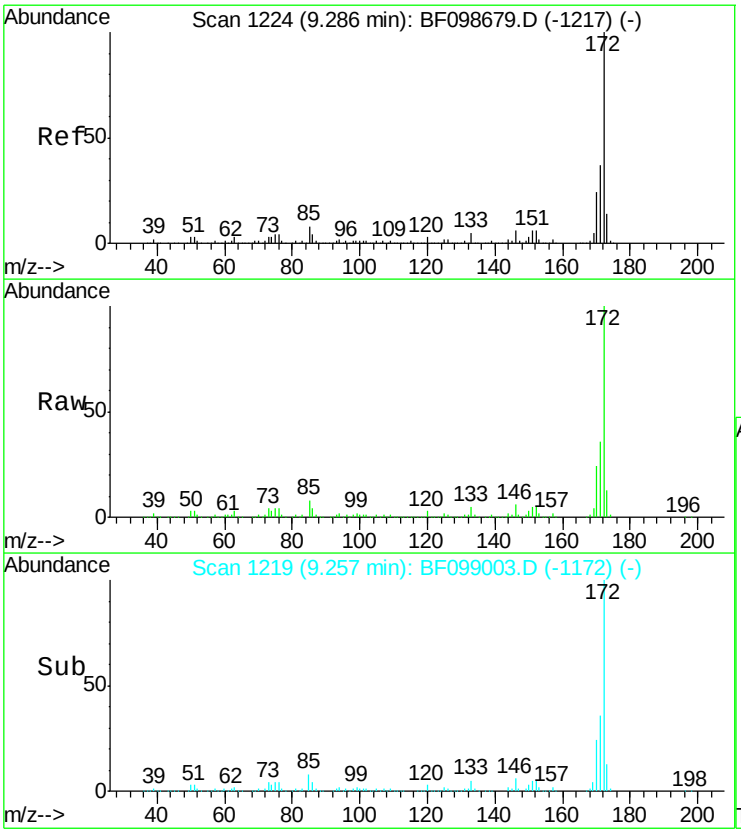
#43
2,4,5-Trichlorophenol
Concen: 22.44 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 115371

Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	45.0	42.9	64.3
132	28.8	26.3	39.5

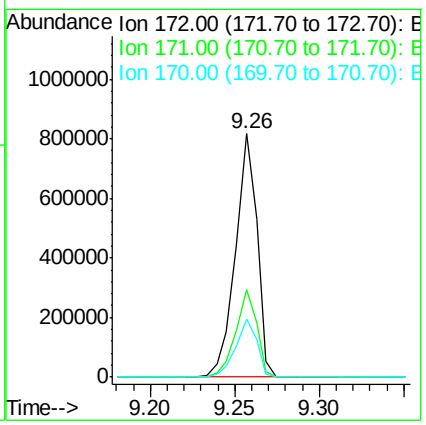


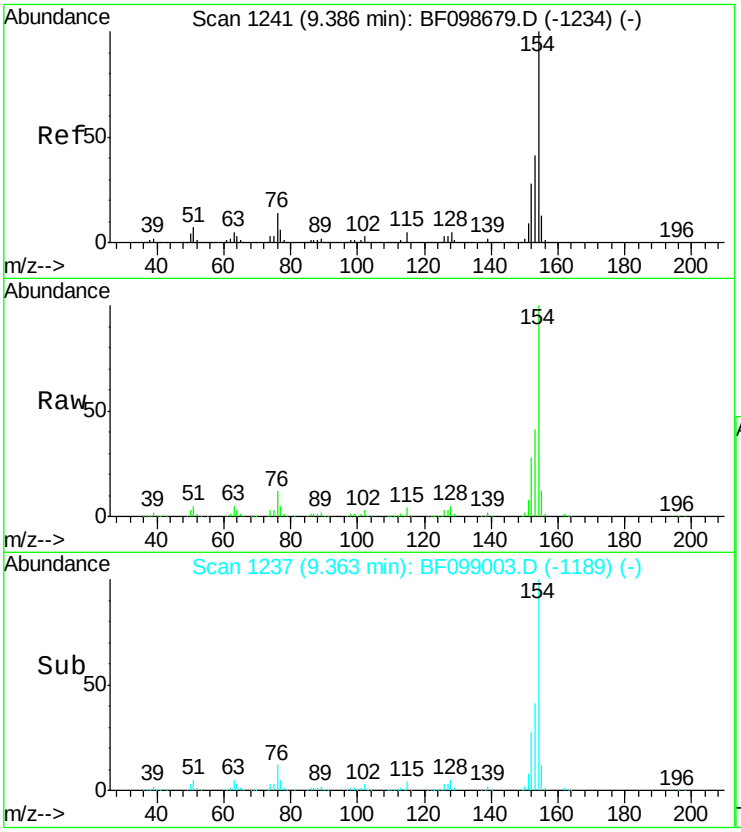


#44
2-Fluorobiphenyl
Concen: 49.47 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:172 Resp: 722332

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4



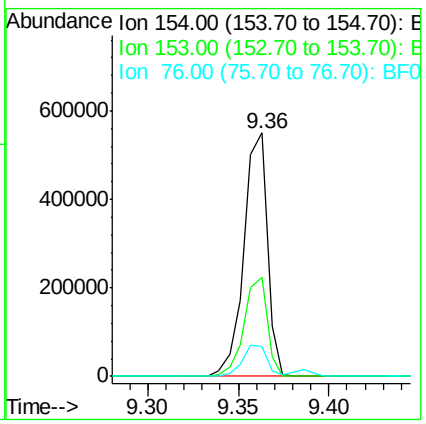


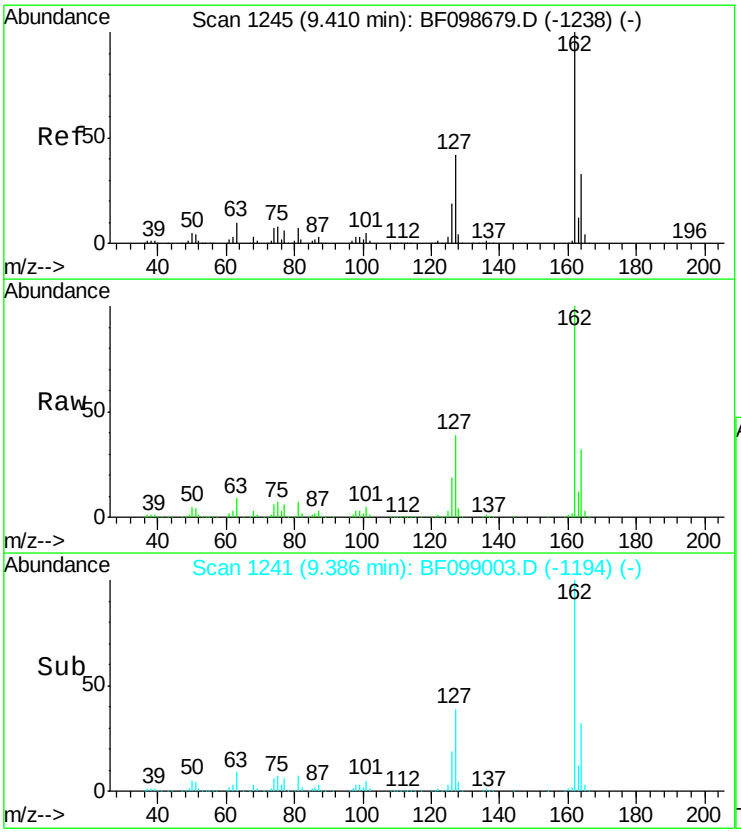
#45
1,1'-Biphenyl
Concen: 23.66 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 495554

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	12.1	0.0	34.0

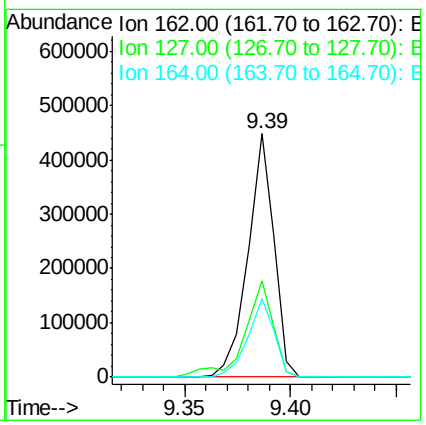


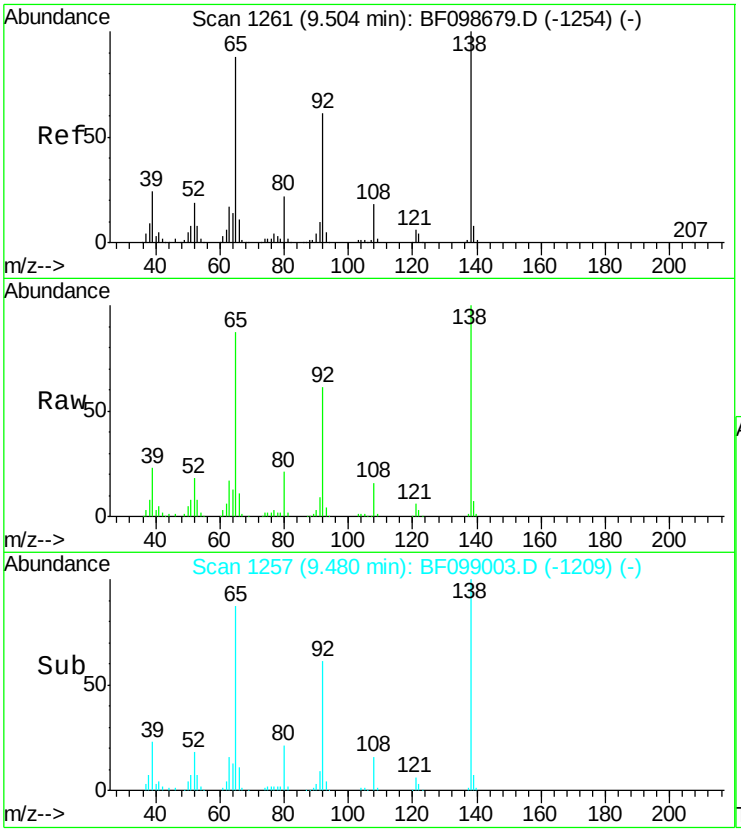


#46
2-Chloronaphthalene
Concen: 24.46 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:162 Resp: 384744

Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.9	50.9
164	32.2	26.5	39.7



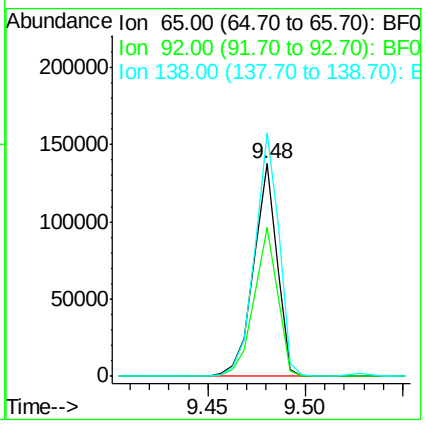


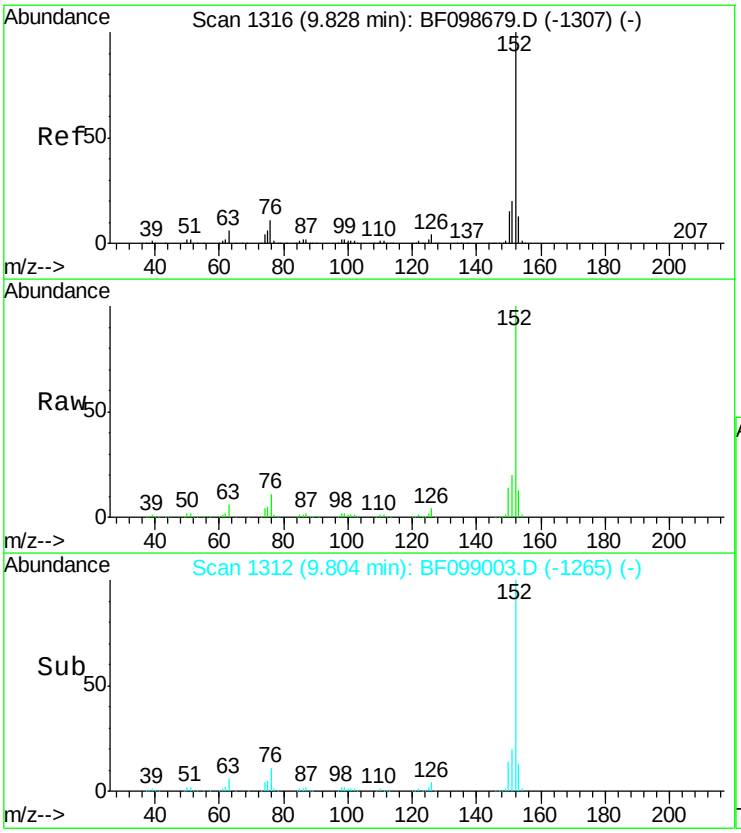
#47
2-Nitroaniline
Concen: 23.85 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 114853

Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	114.6	91.2	136.8

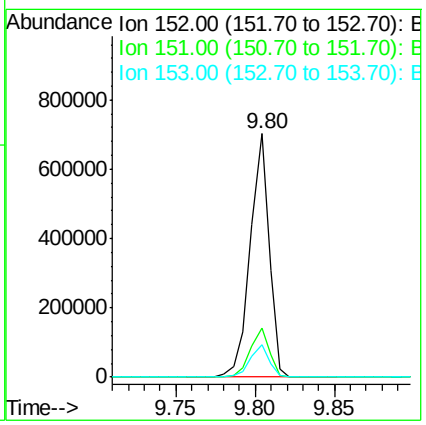


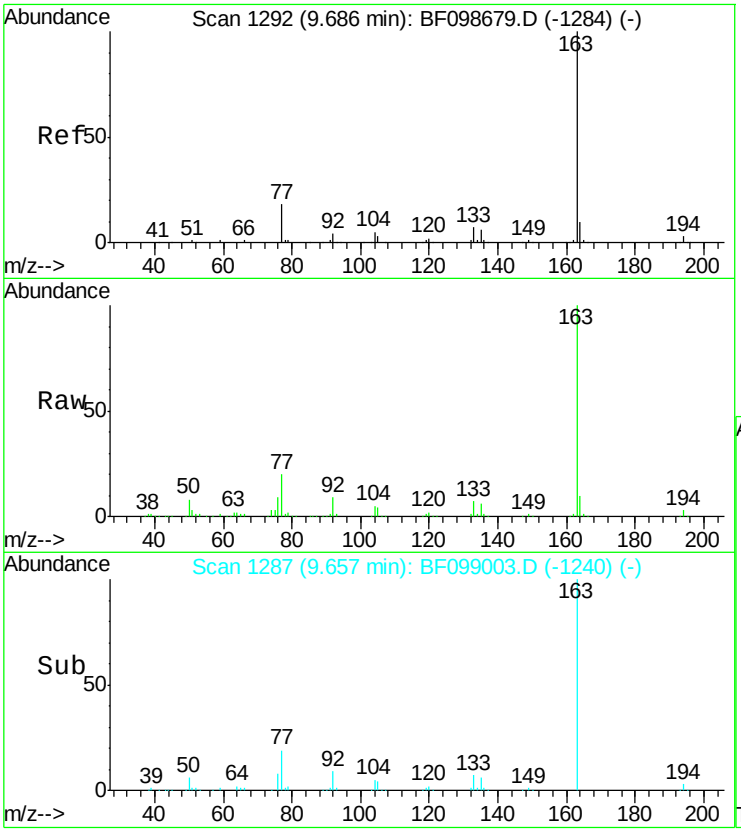


#48
Acenaphthylene
Concen: 24.22 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:152 Resp: 583100

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	10.7	16.1



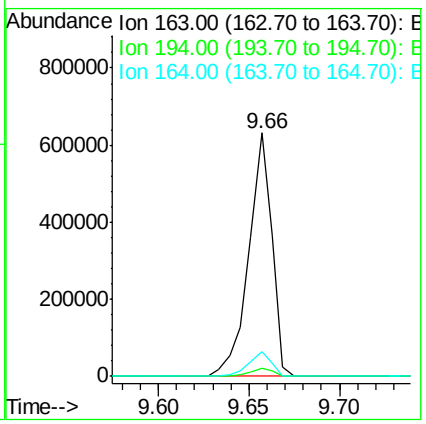


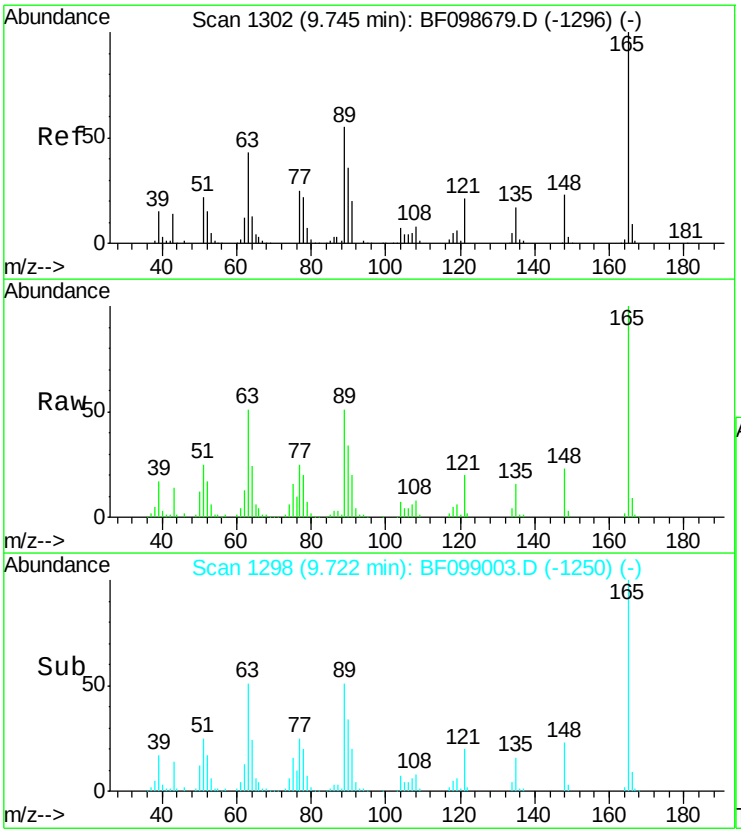
#49
Dimethylphthalate
Concen: 30.41 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 559407

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.4	8.2	12.2

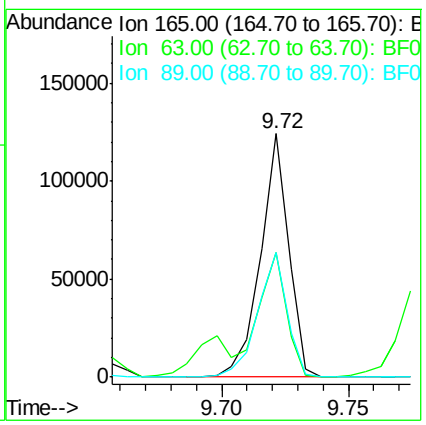


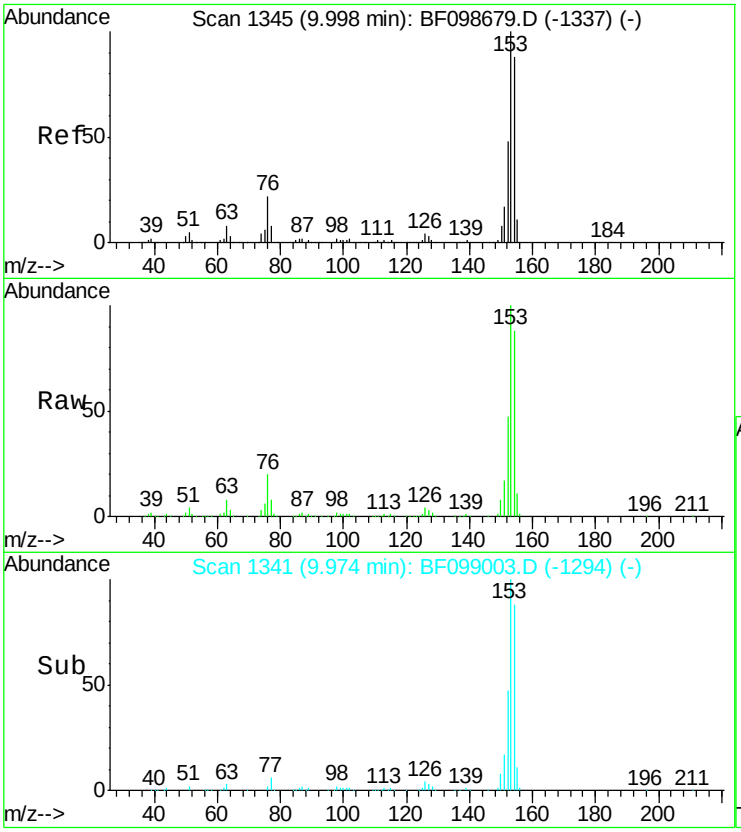


#50
2,6-Dinitrotoluene
Concen: 24.17 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:165 Resp: 96792

Ion	Ratio	Lower	Upper
165	100		
63	51.3	44.7	67.1
89	50.9	44.0	66.0



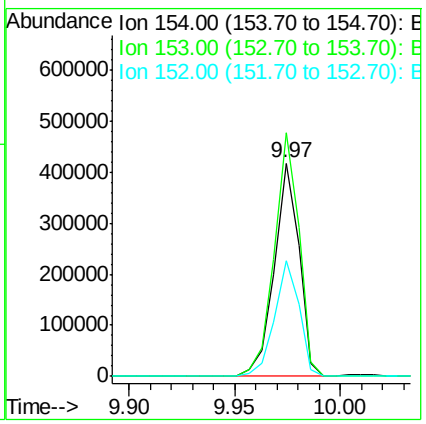


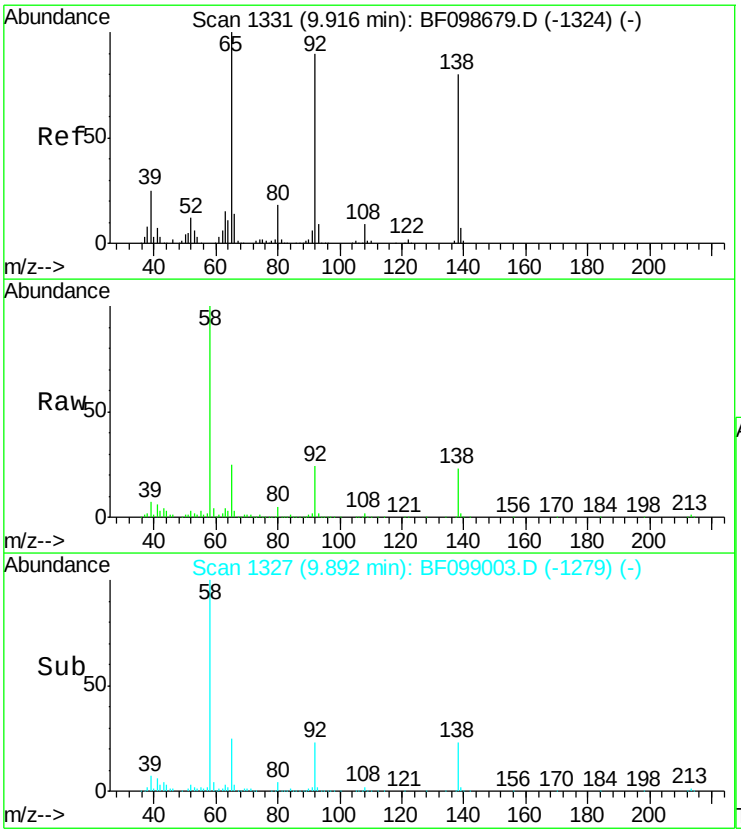
#51
Acenaphthene
Concen: 22.42 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 341953

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	54.1	43.8	65.8

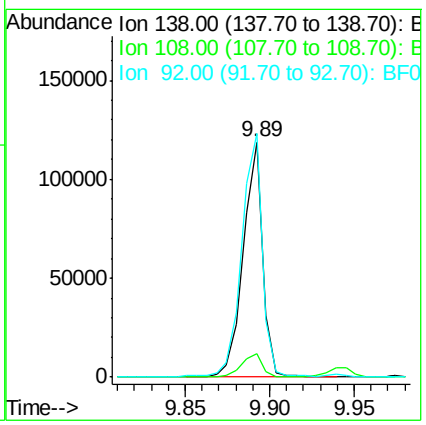


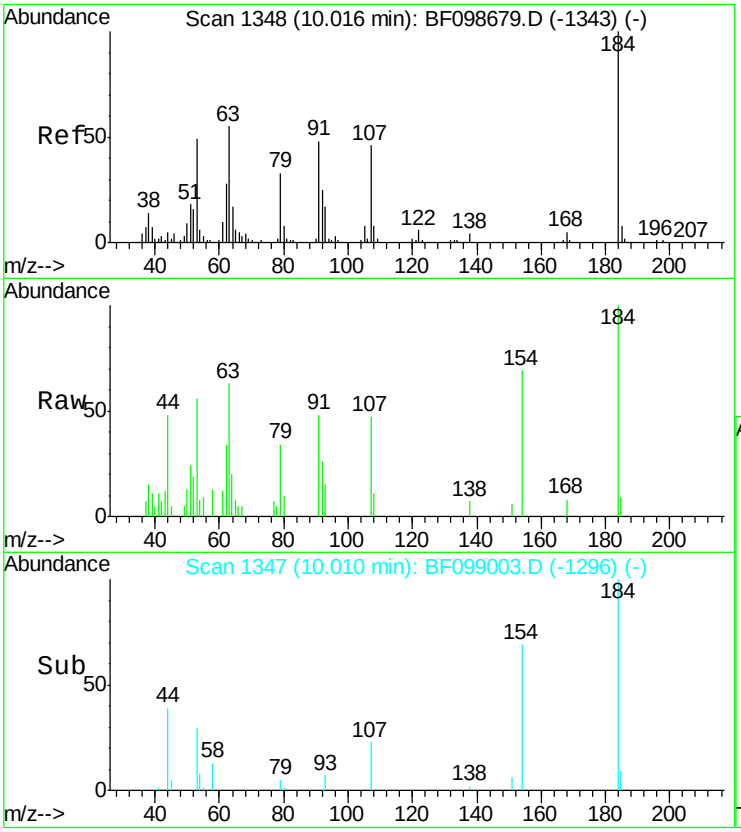


#52
3-Nitroaniline
Concen: 20.57 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:138 Resp: 96085

Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	103.5	89.4	134.2



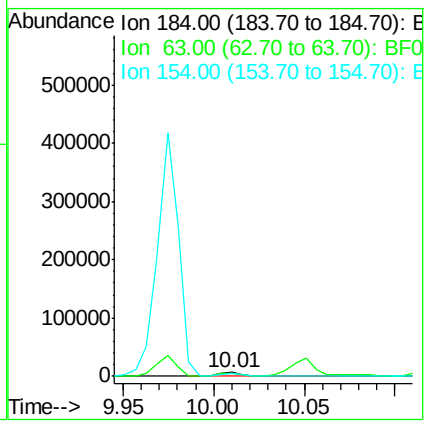


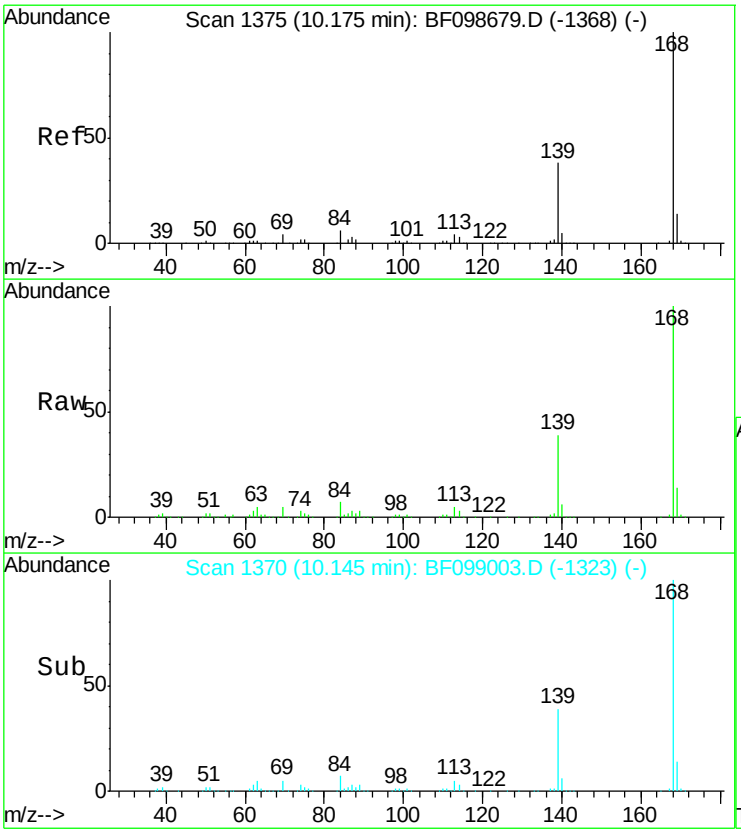
#53
2,4-Dinitrophenol
Concen: 9.03 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 7204

Ion	Ratio	Lower	Upper
184	100		
63	62.6	54.2	81.2
154	69.4	53.5	80.3

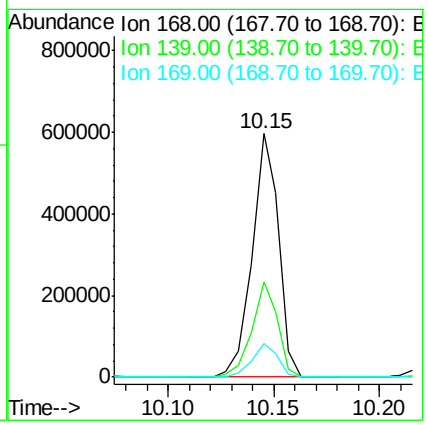


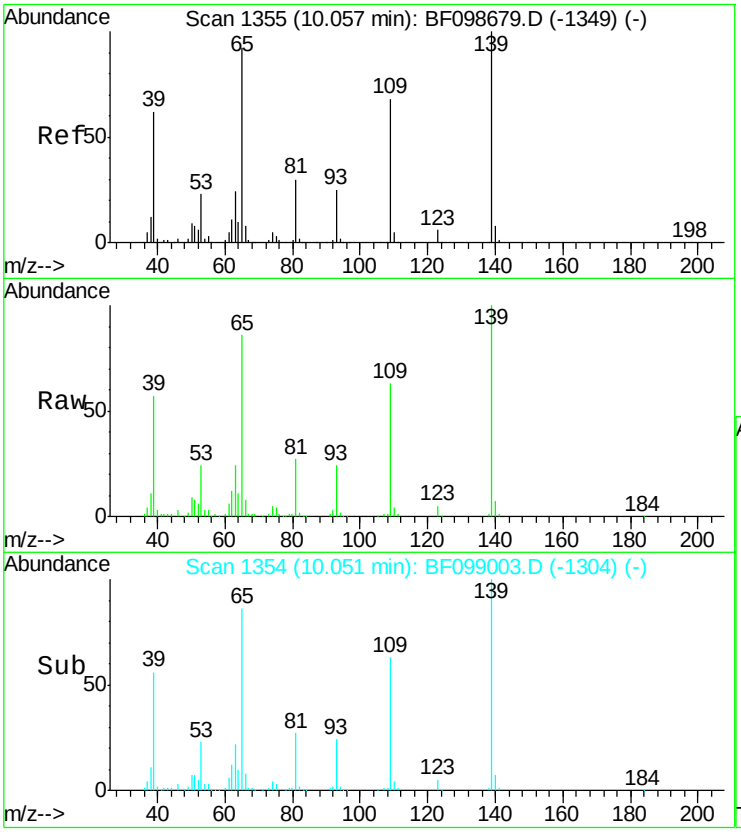


#54
Dibenzofuran
Concen: 25.52 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:168 Resp: 518336

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.1	10.9	16.3



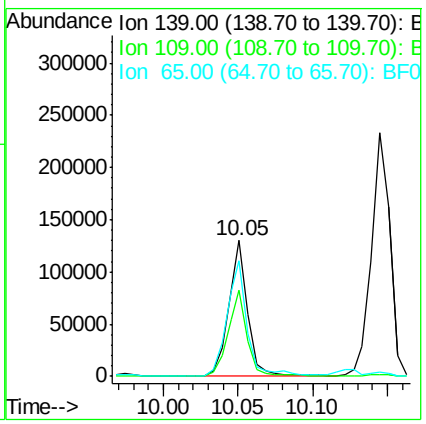


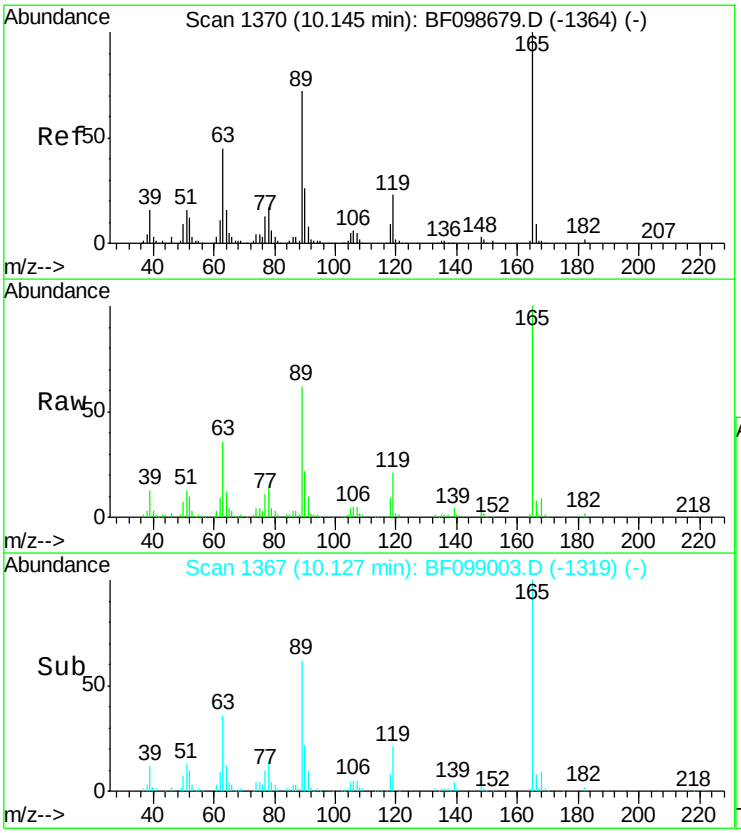
#55
4-Nitrophenol
Concen: 29.88 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 117979

Ion	Ratio	Lower	Upper
139	100		
109	63.1	48.4	88.4
65	85.5	72.6	112.6

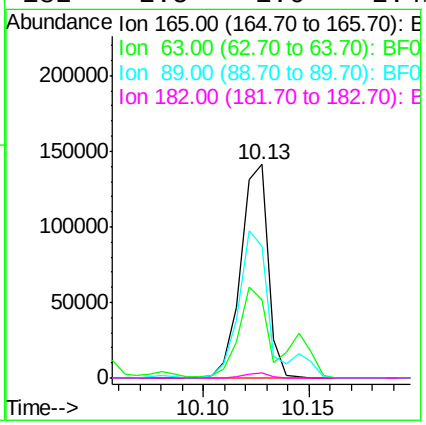


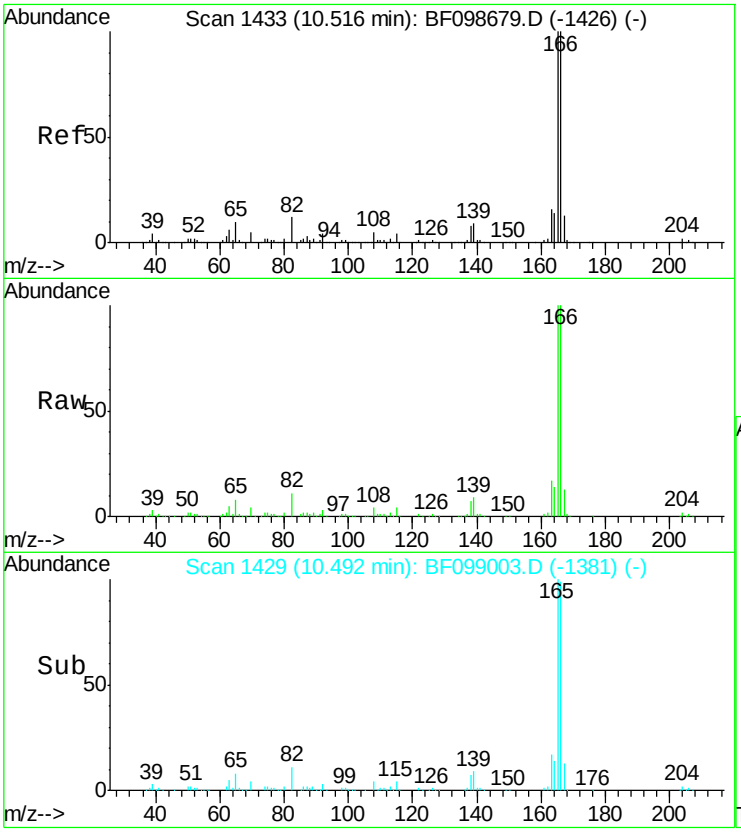


#56
2,4-Dinitrotoluene
Concen: 24.34 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:165 Resp: 126495

Ion	Ratio	Lower	Upper
165	100		
63	36.5	36.4	54.6
89	61.8	57.8	86.6
182	2.5	1.6	2.4#



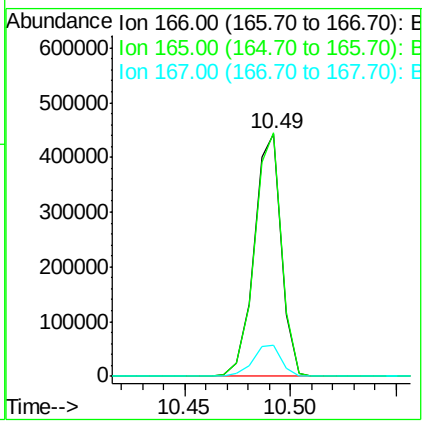


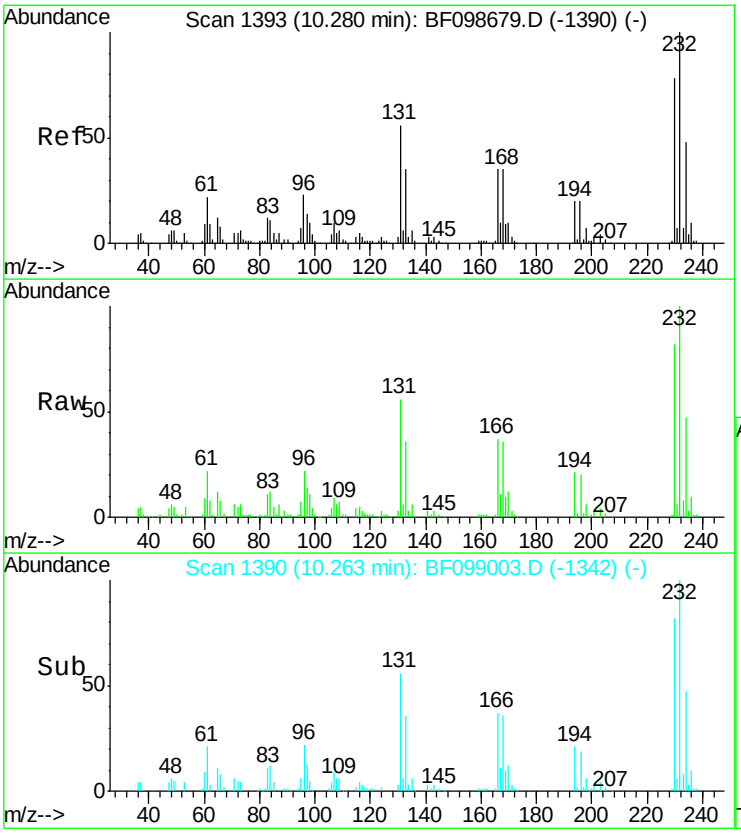
#57
Fluorene
Concen: 24.35 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 397445

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	12.9	10.6	16.0

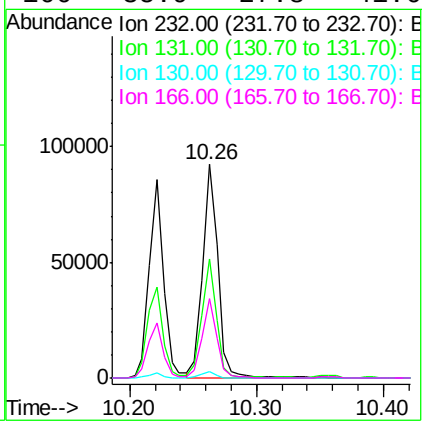


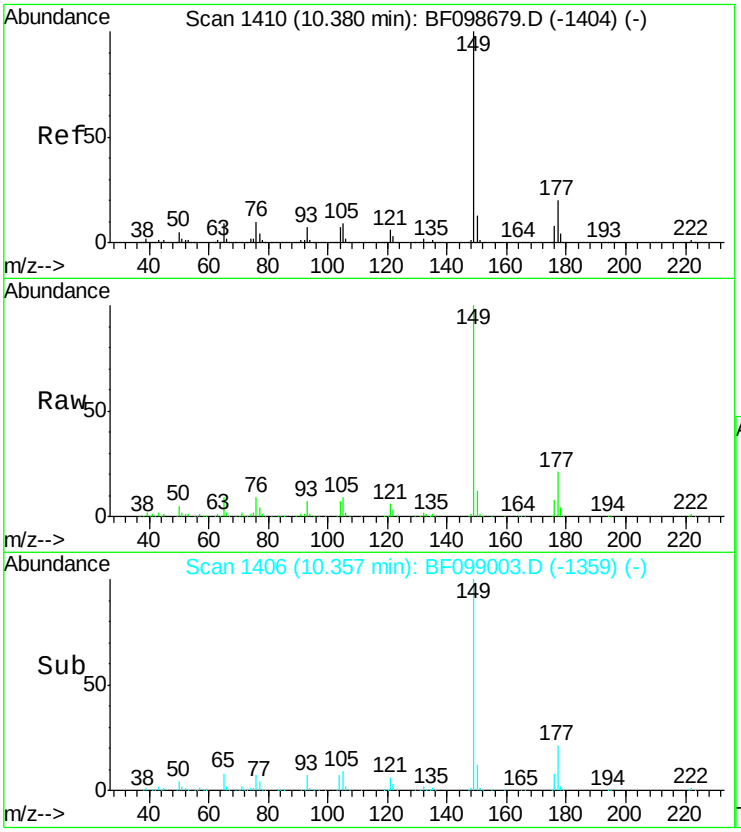


#58
2,3,4,6-Tetrachlorophenol
Concen: 21.84 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:232 Resp: 77542

Ion	Ratio	Lower	Upper
232	100		
131	53.5	43.8	65.8
130	2.6	2.1	3.1
166	35.9	27.8	41.6



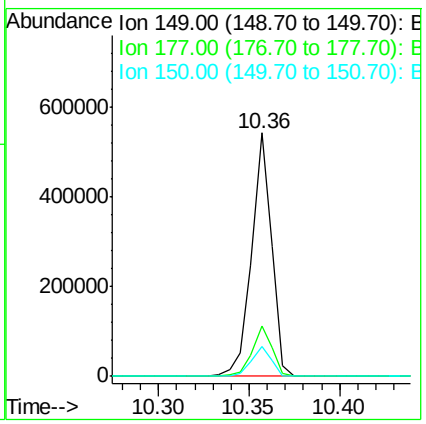


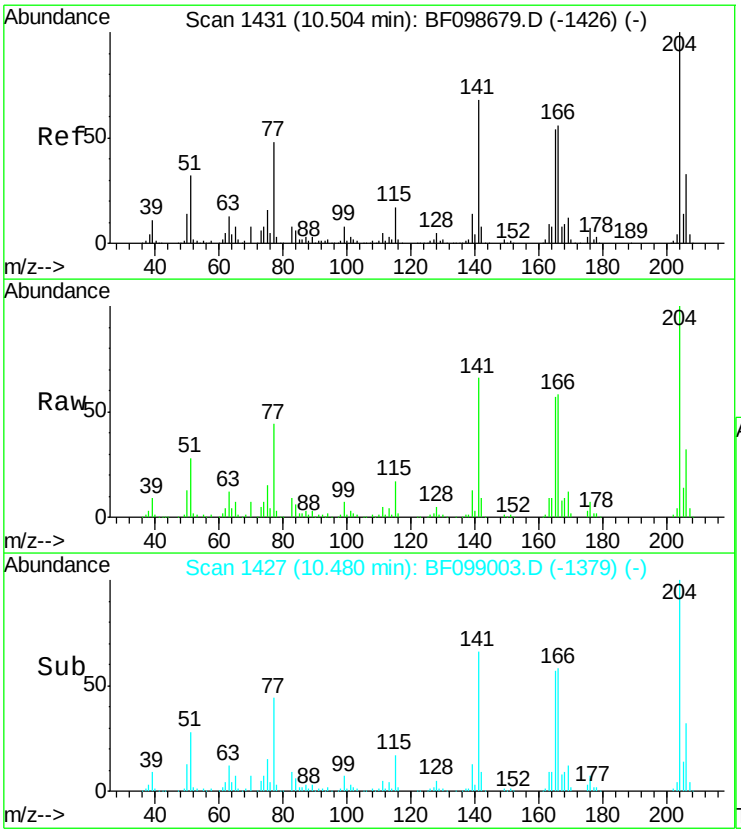
#59
Diethylphthalate
Concen: 23.08 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 414948

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.2	10.1	15.1

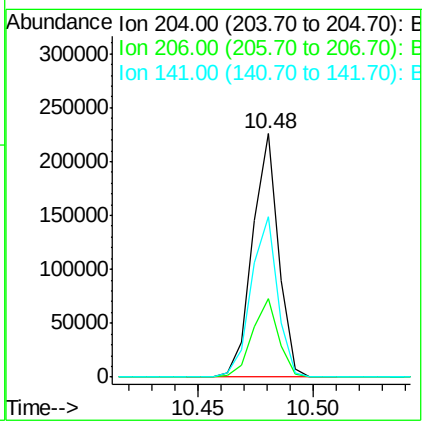


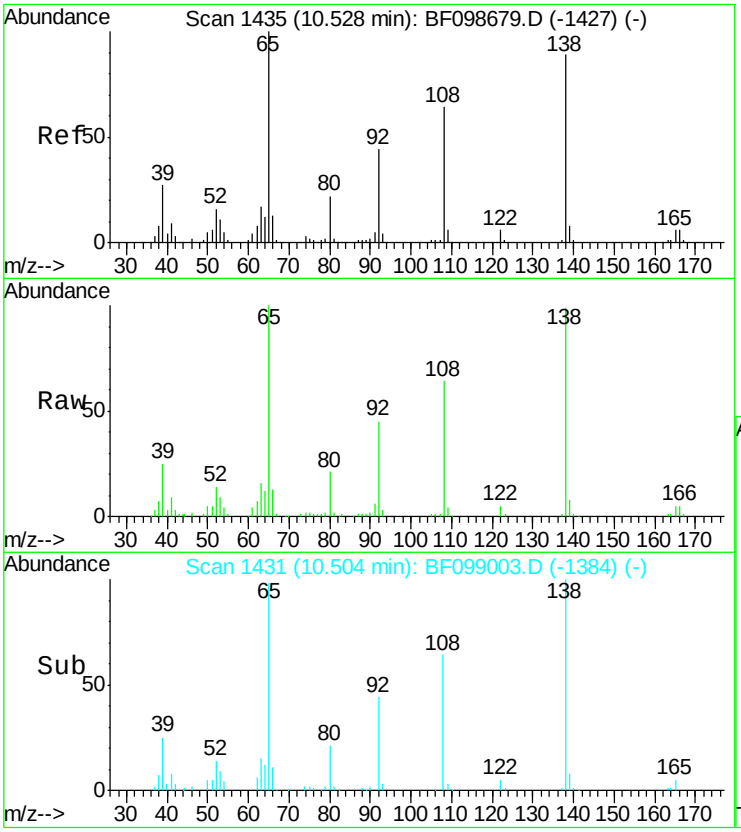


#60
4-Chlorophenyl-phenylether
Concen: 24.29 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:204 Resp: 178072

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	65.8	54.6	81.8



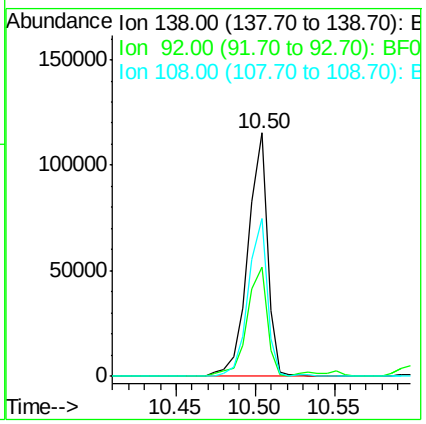


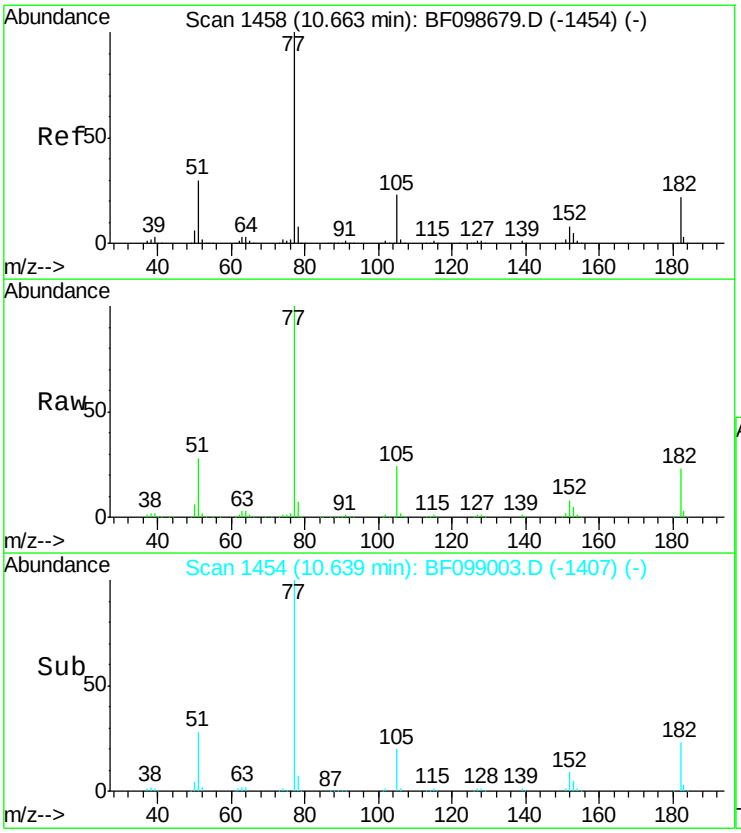
#61
4-Nitroaniline
Concen: 21.96 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 98940

Ion	Ratio	Lower	Upper
138	100		
92	45.0	30.2	70.2
108	64.9	52.5	92.5

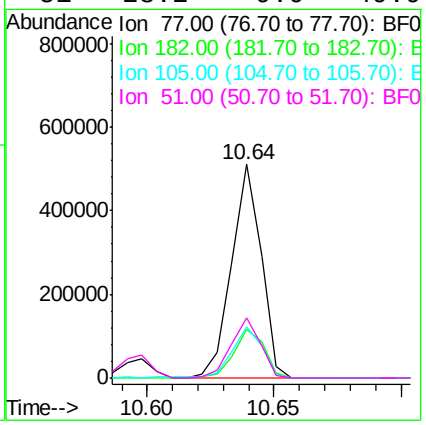


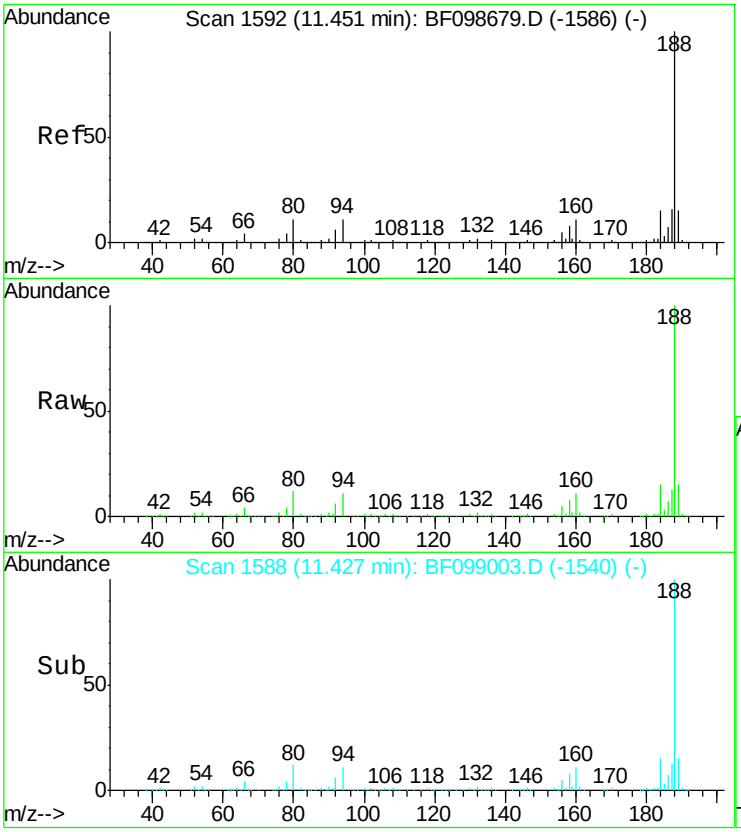


#62
Azobenzene
Concen: 24.99 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion: 77 Resp: 413089

Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.7	41.7
105	23.9	3.0	43.0
51	28.2	9.9	49.9



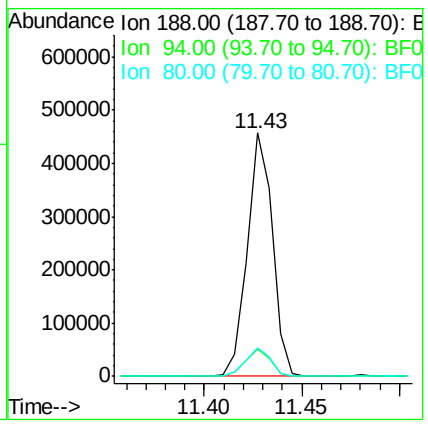


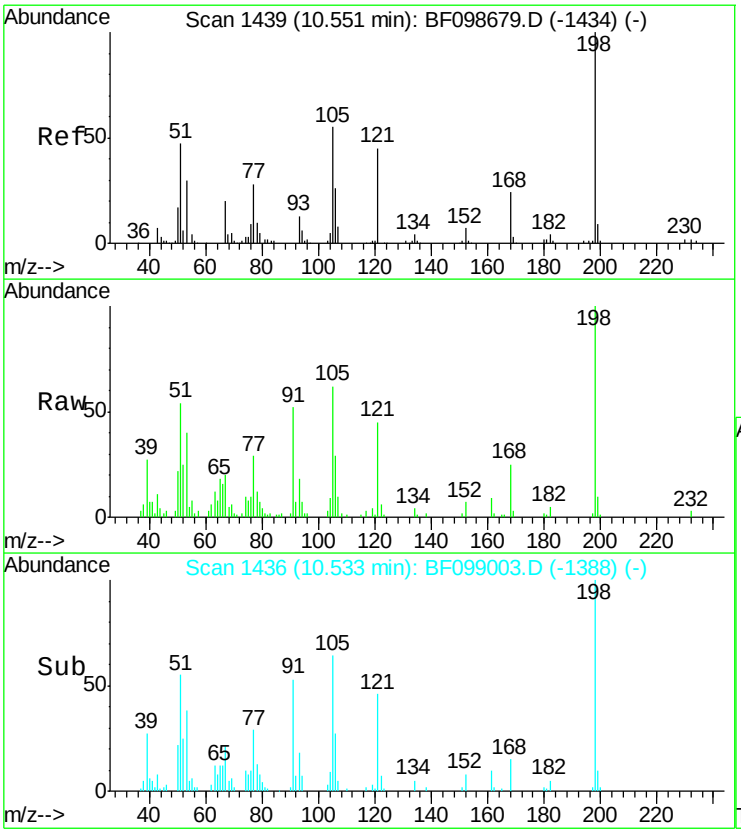
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 409752

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8

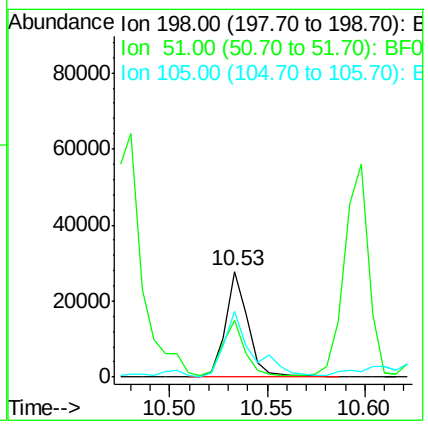


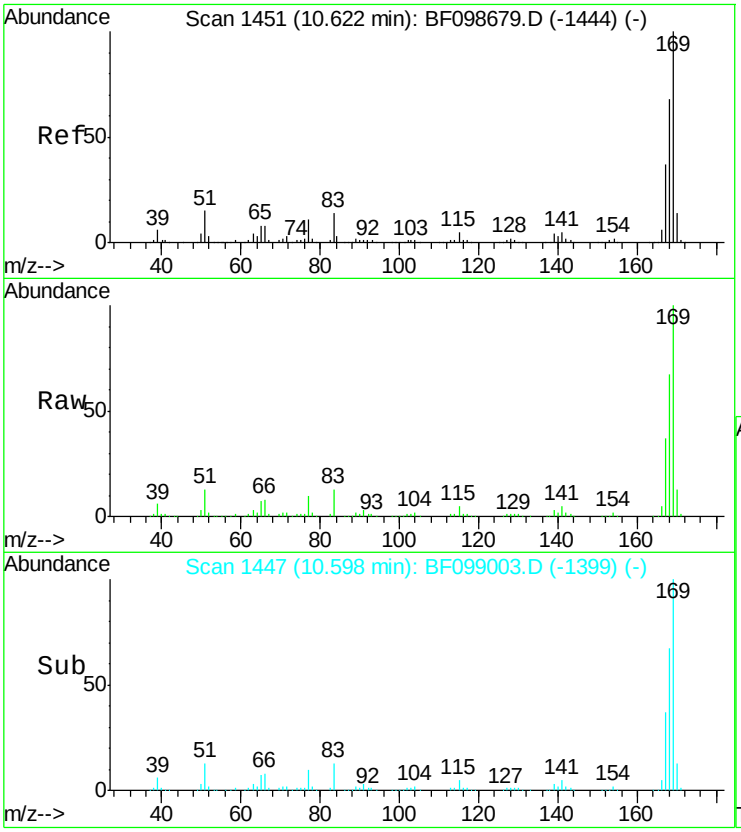


#64
4,6-Dinitro-2-methylphenol
Concen: 8.90 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:198 Resp: 22198

Ion	Ratio	Lower	Upper
198	100		
51	54.0	37.7	77.7
105	62.3	36.3	76.3



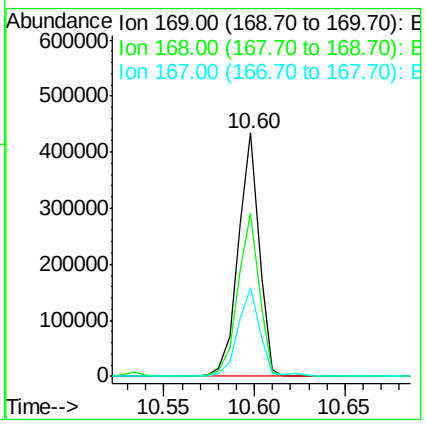


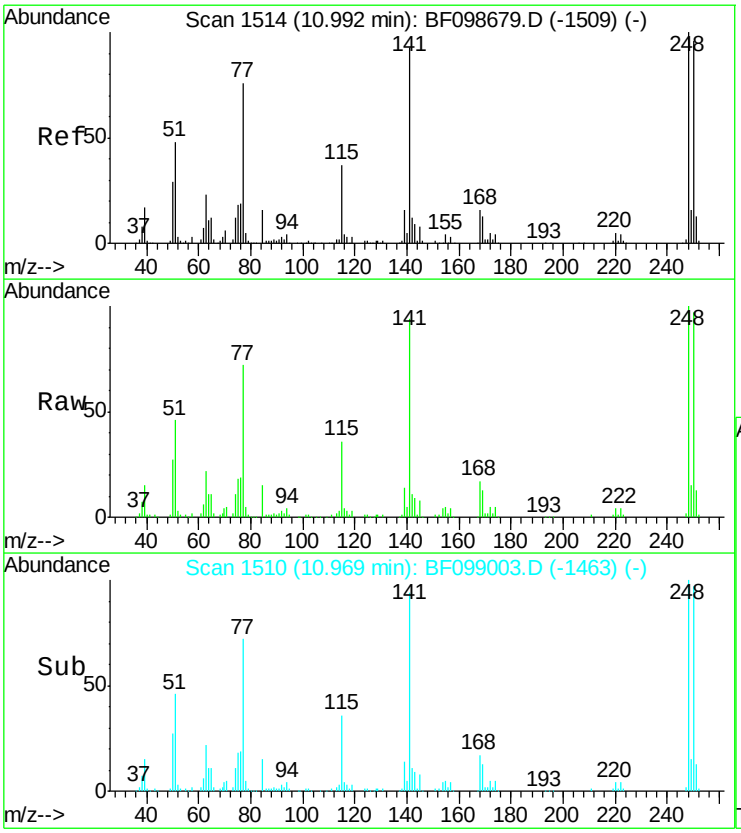
#65
n-Nitrosodiphenylamine
Concen: 24.52 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 348078

Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	36.5	29.8	44.6

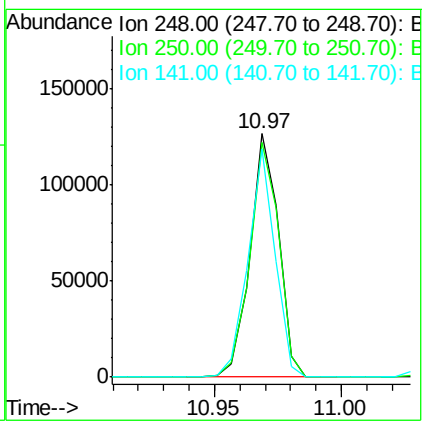


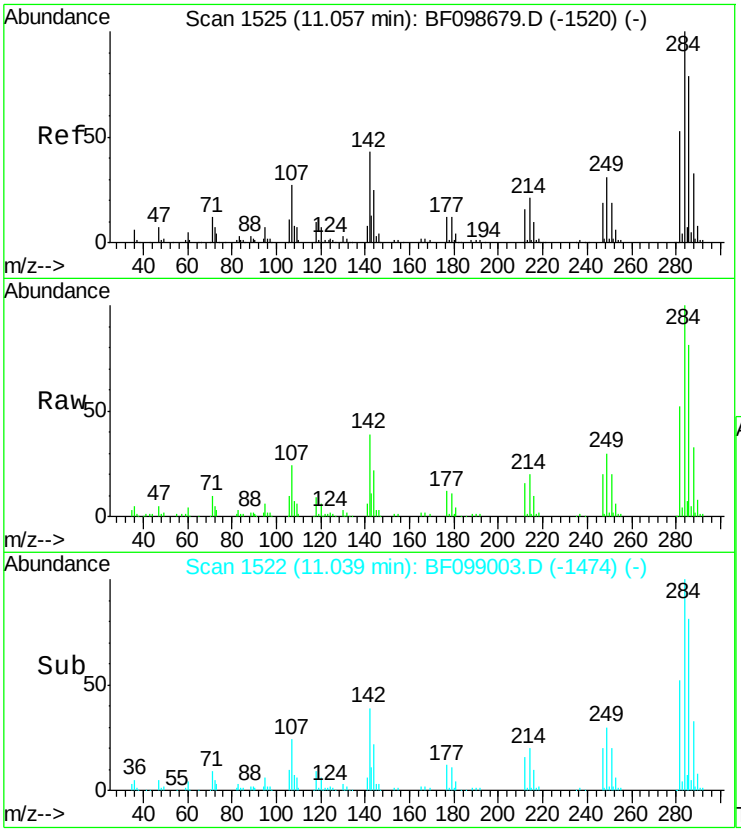


#66
4-Bromophenyl-phenylether
Concen: 24.74 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:248 Resp: 99216

Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	93.6	74.4	111.6



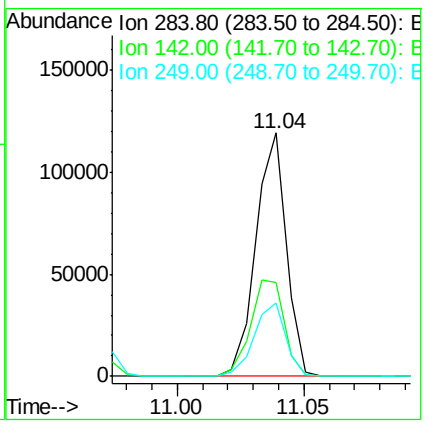


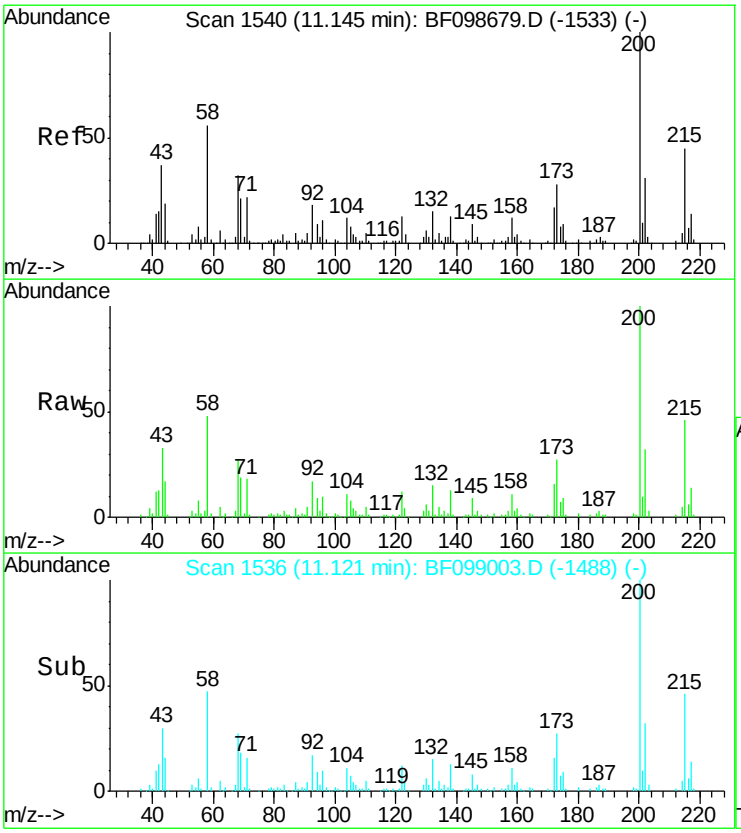
#67
Hexachlorobenzene
Concen: 23.42 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 100327

Ion	Ratio	Lower	Upper
284	100		
142	38.7	34.6	52.0
249	30.2	24.8	37.2

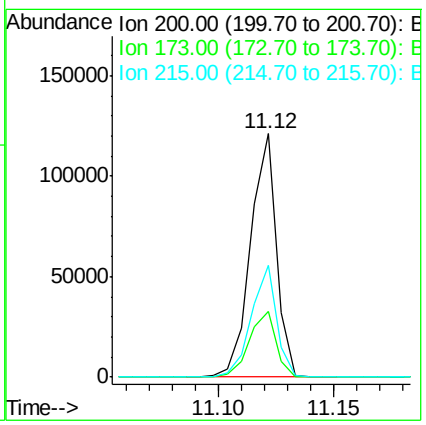


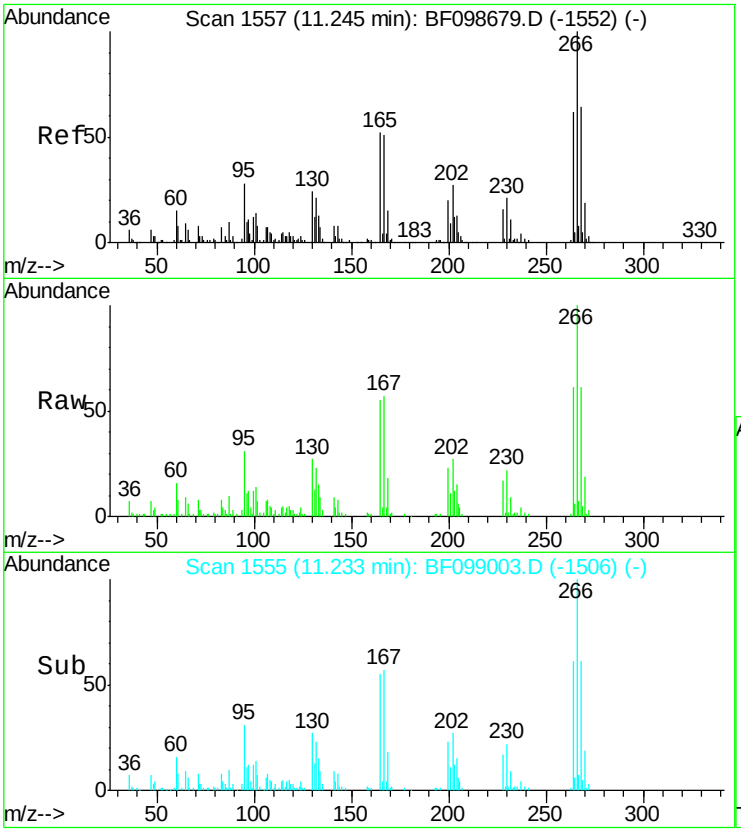


#68
Atrazine
Concen: 22.29 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:200 Resp: 95183

Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.6	48.6
215	46.0	25.1	65.1



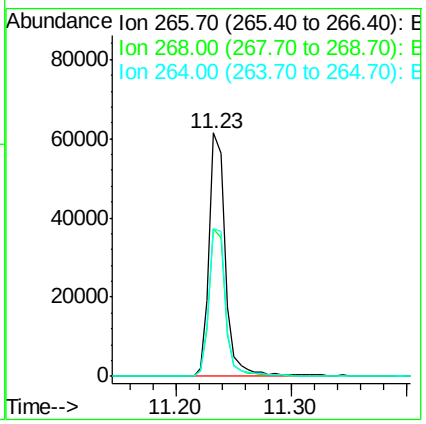


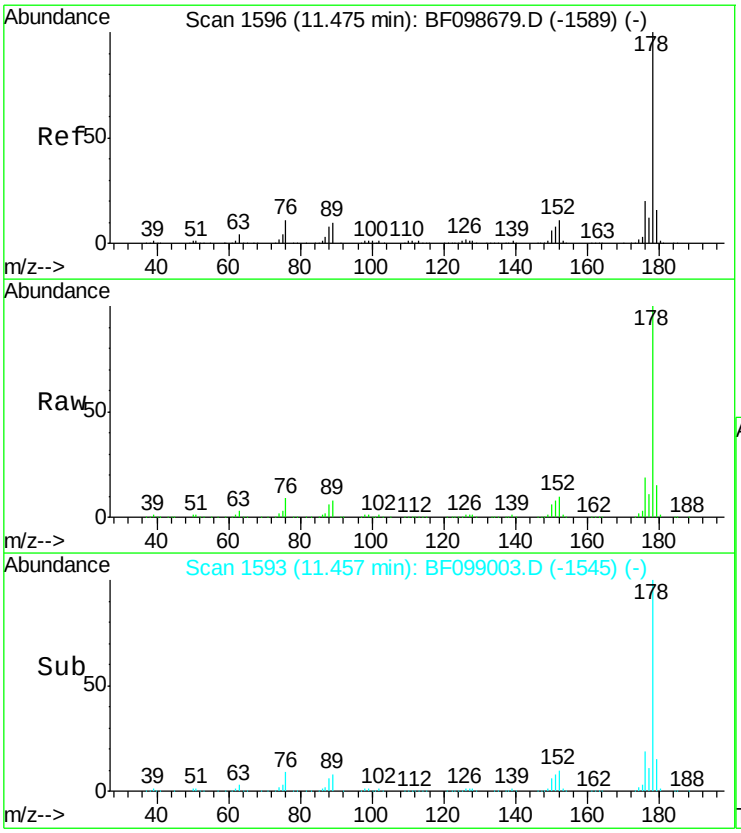
#69
Pentachlorophenol
Concen: 22.84 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 60892

Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.1	76.7
264	60.8	49.5	74.3

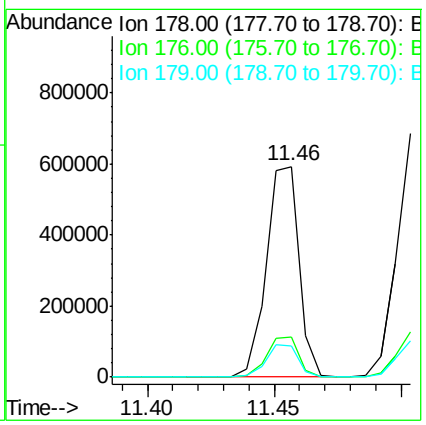


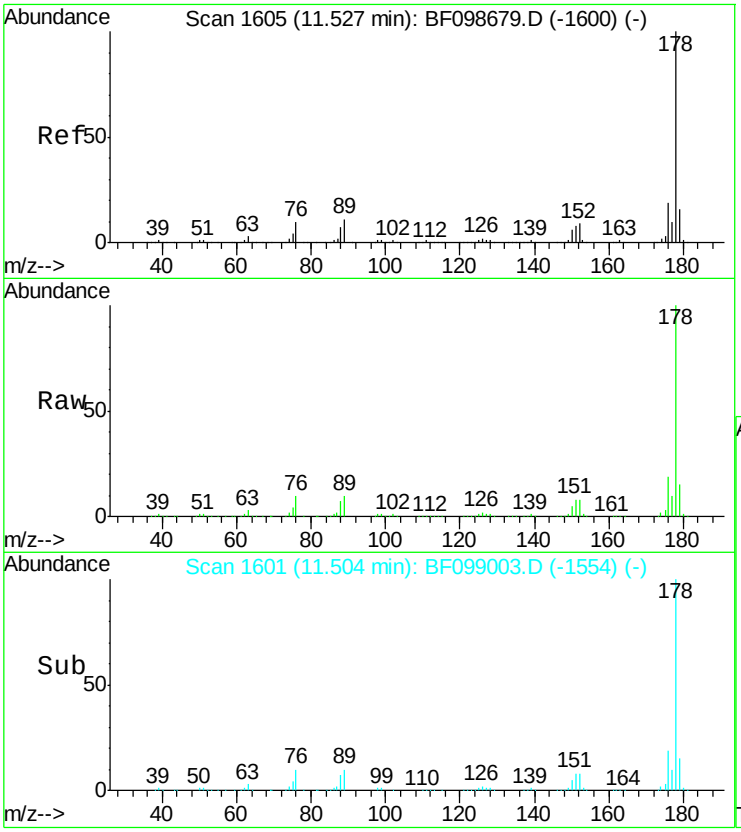


#70
Phenanthrene
Concen: 24.55 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:178 Resp: 538451

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6



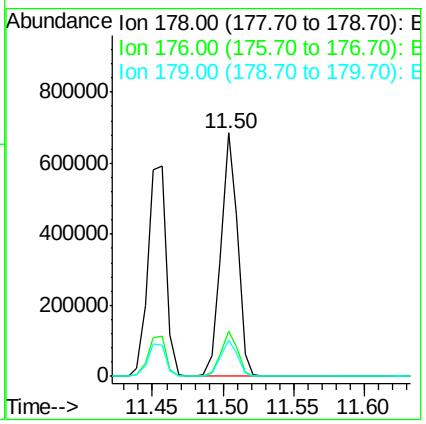


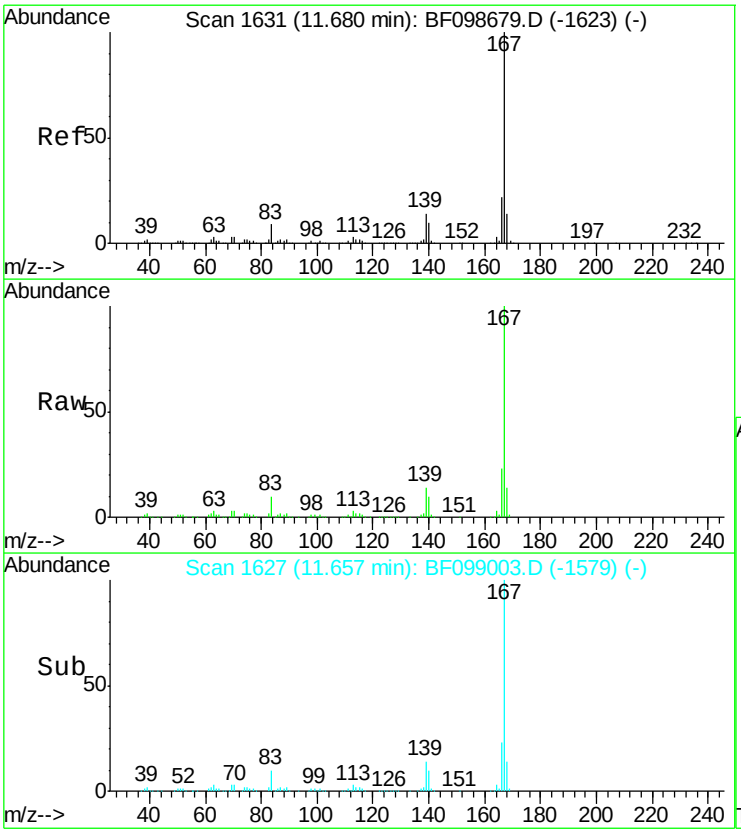
#71
Anthracene
Concen: 25.17 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 564782

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.0	12.6	19.0

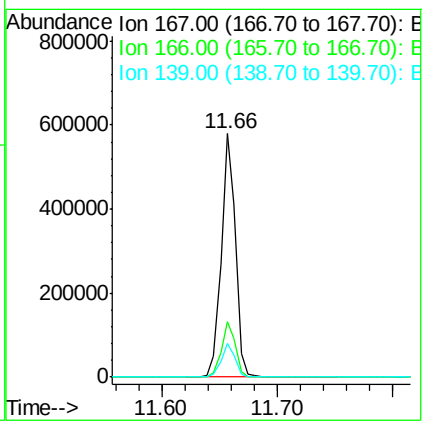


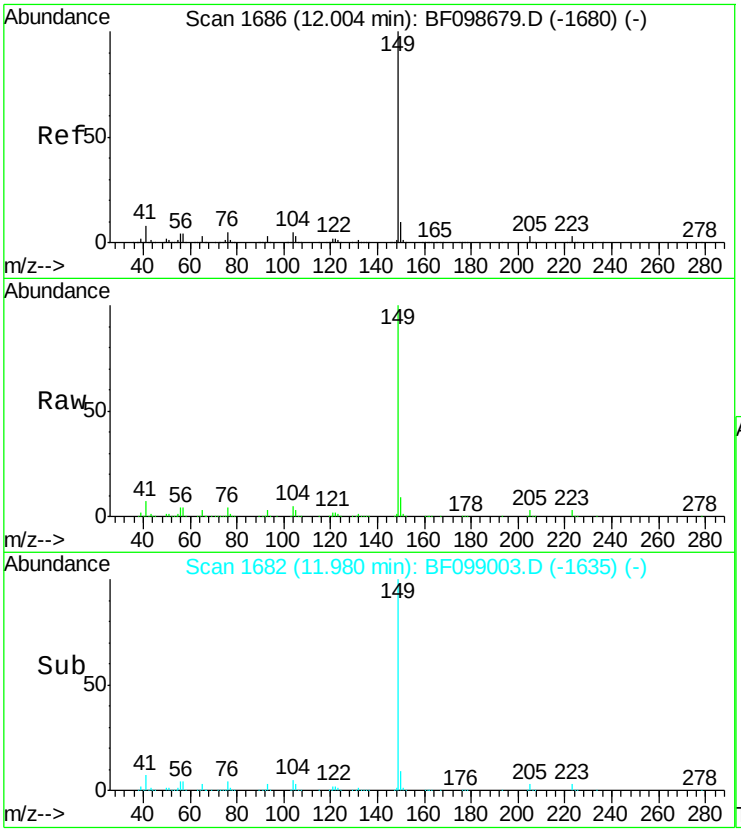


#72
Carbazole
Concen: 22.28 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:167 Resp: 489624

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.9	10.9	16.3



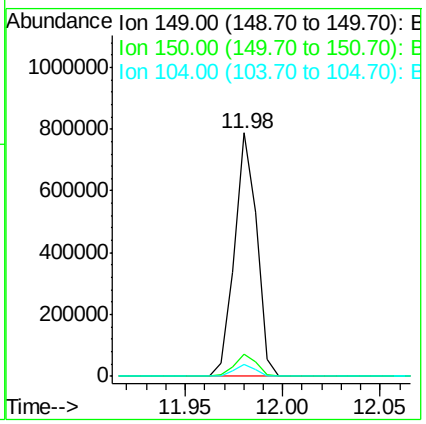


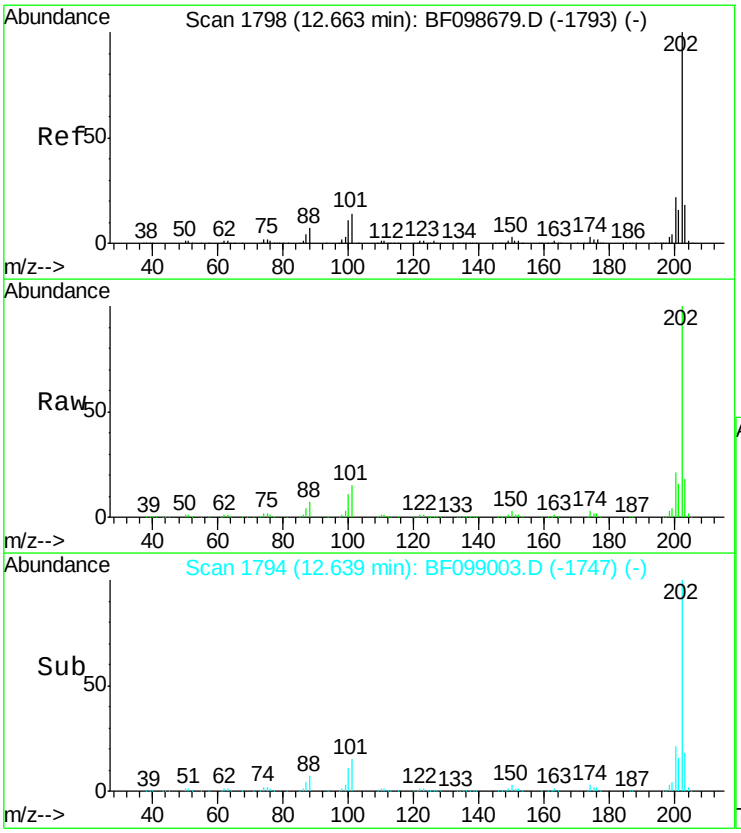
#73
Di-n-butylphthalate
Concen: 23.46 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 620475

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

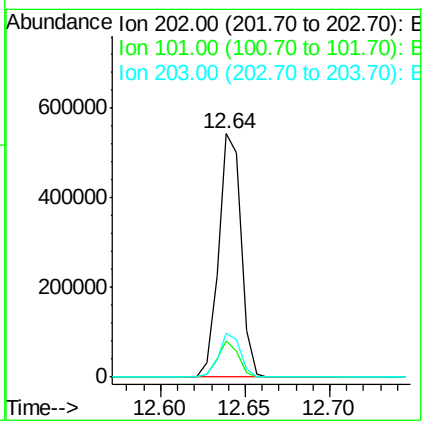


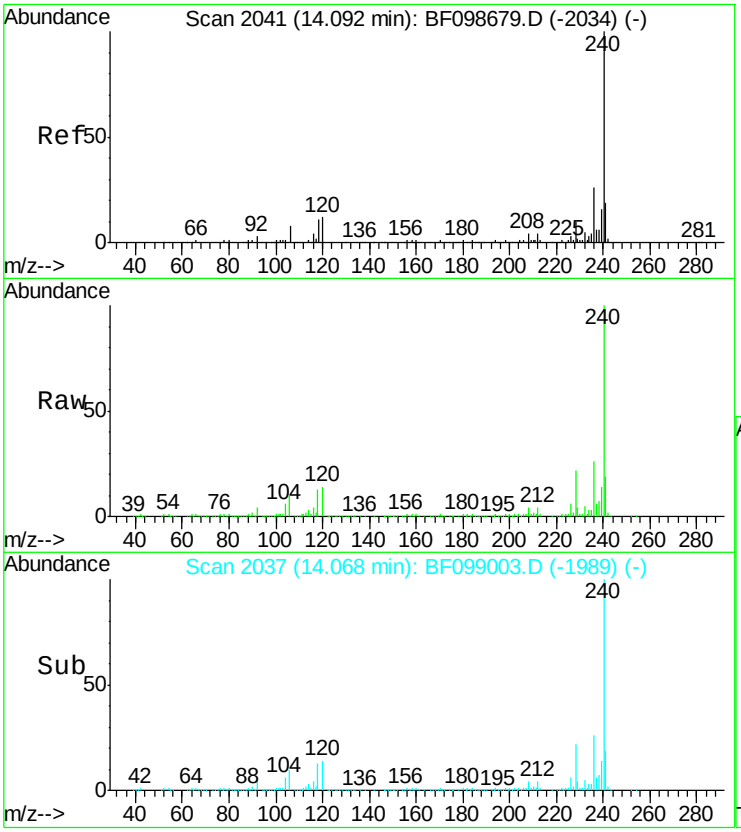


#74
Fluoranthene
Concen: 22.56 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:202 Resp: 501023

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	18.1	0.0	38.1



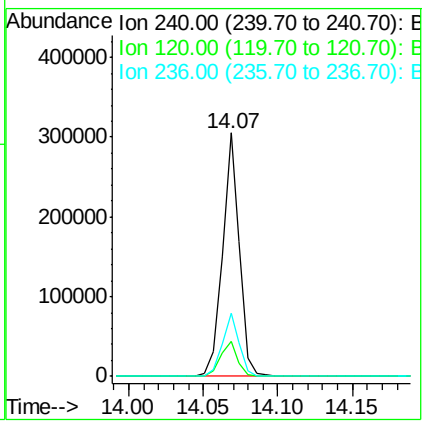


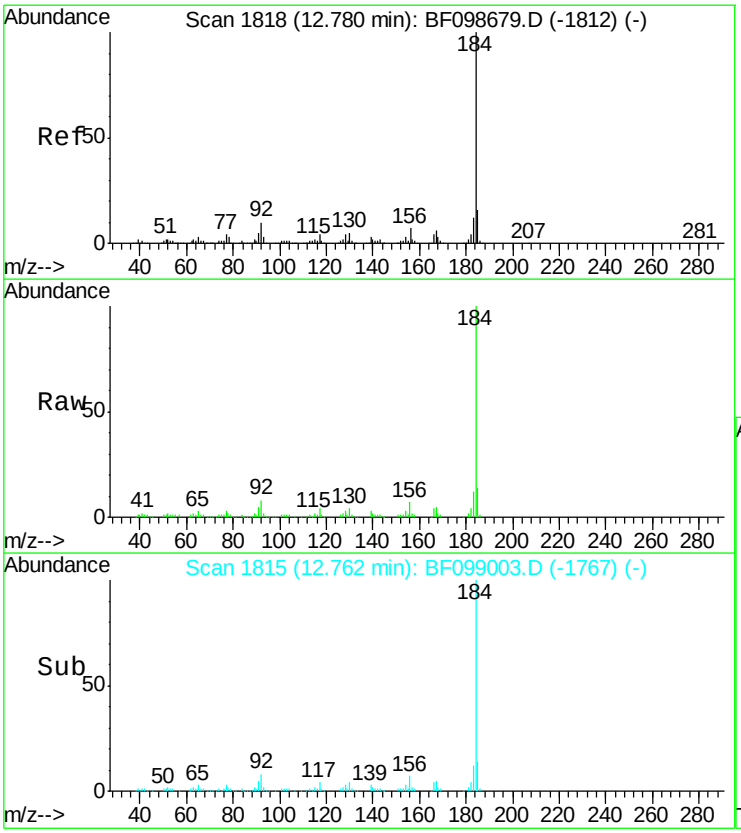
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 243049

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.1	20.7	31.1

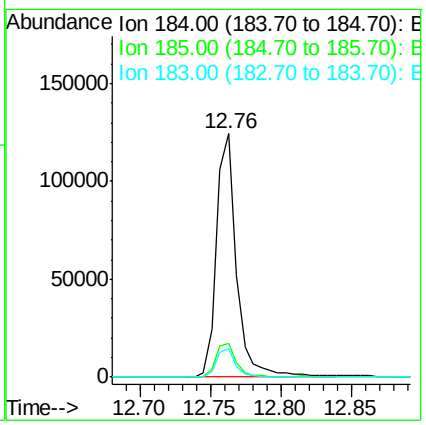


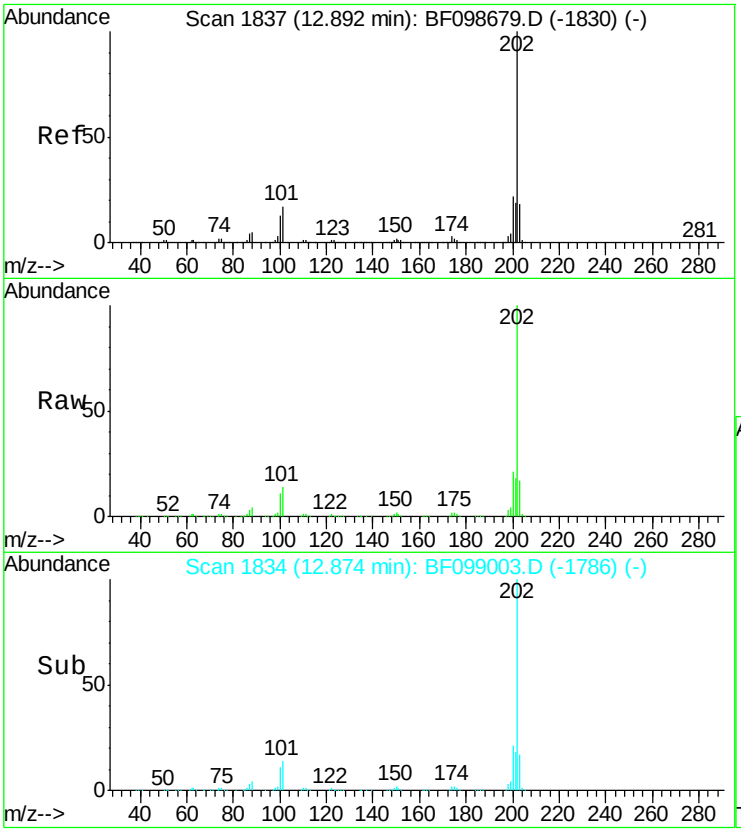


#76
Benzidine
Concen: 13.71 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:184 Resp: 123280

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.9	9.3	13.9



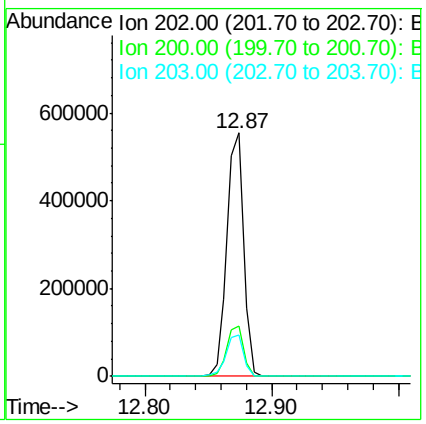


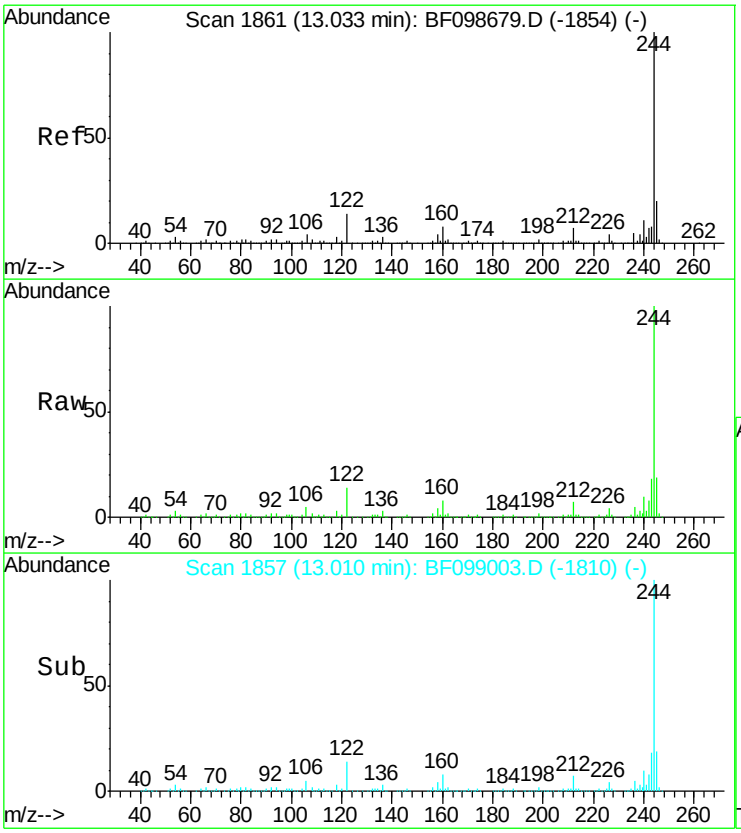
#77
Pyrene
Concen: 27.34 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 506782

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.0	14.3	21.5

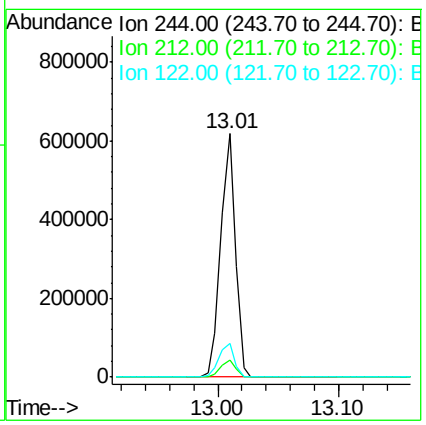


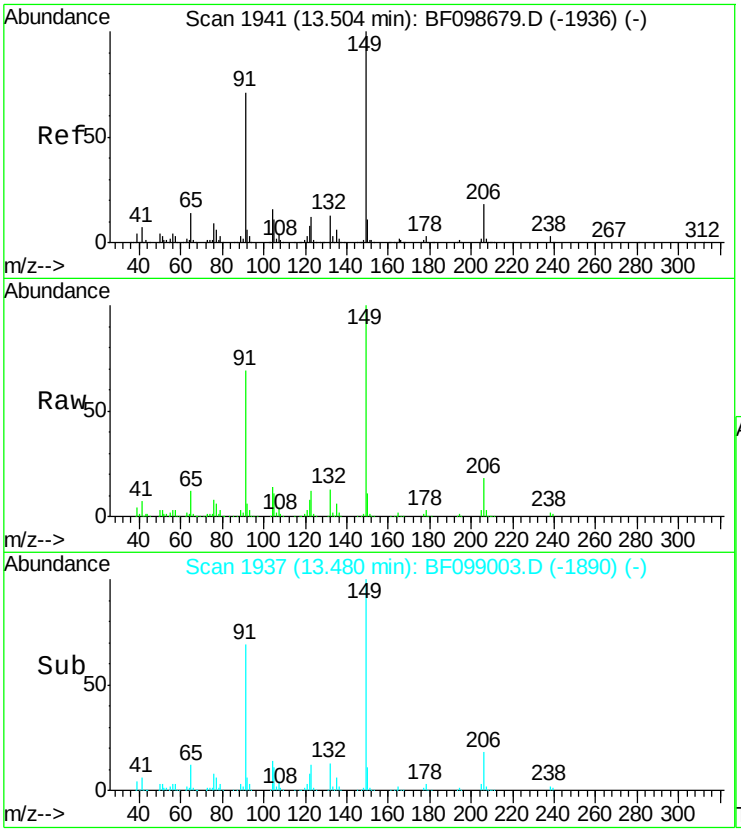


#78
Terphenyl-d14
Concen: 48.51 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:244 Resp: 518425

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4



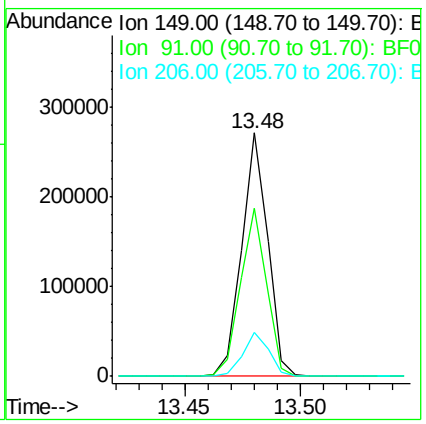


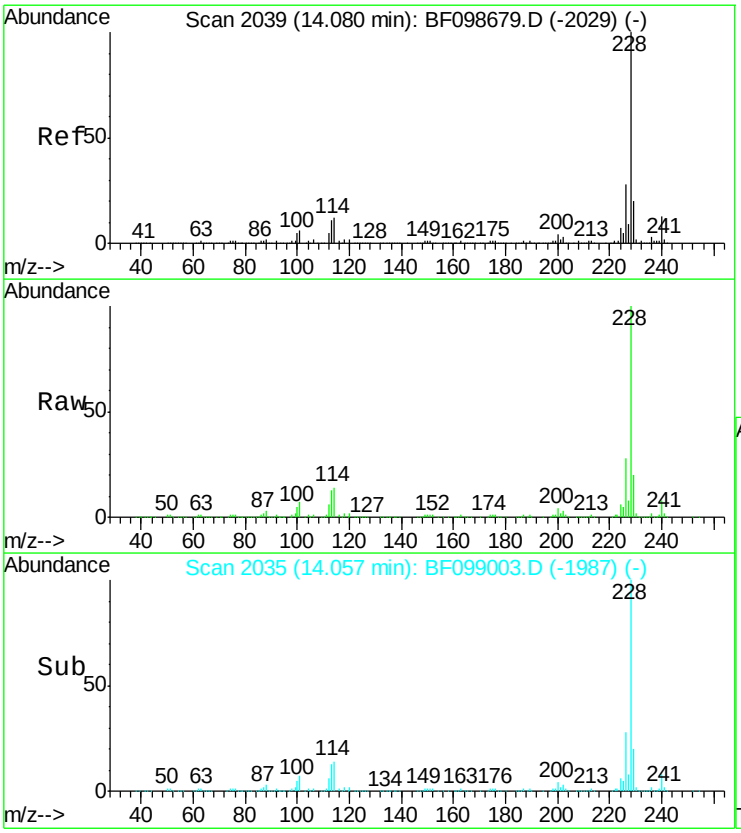
#79
Butylbenzylphthalate
Concen: 24.55 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 213814

Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.8	85.2
206	18.2	14.1	21.1

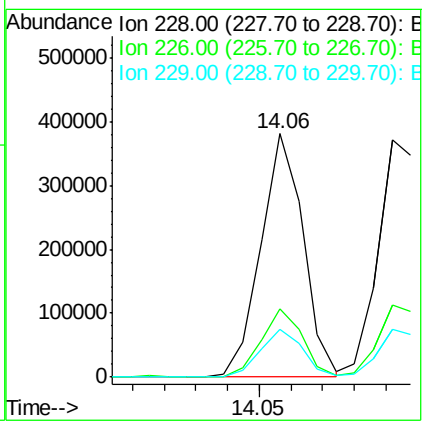


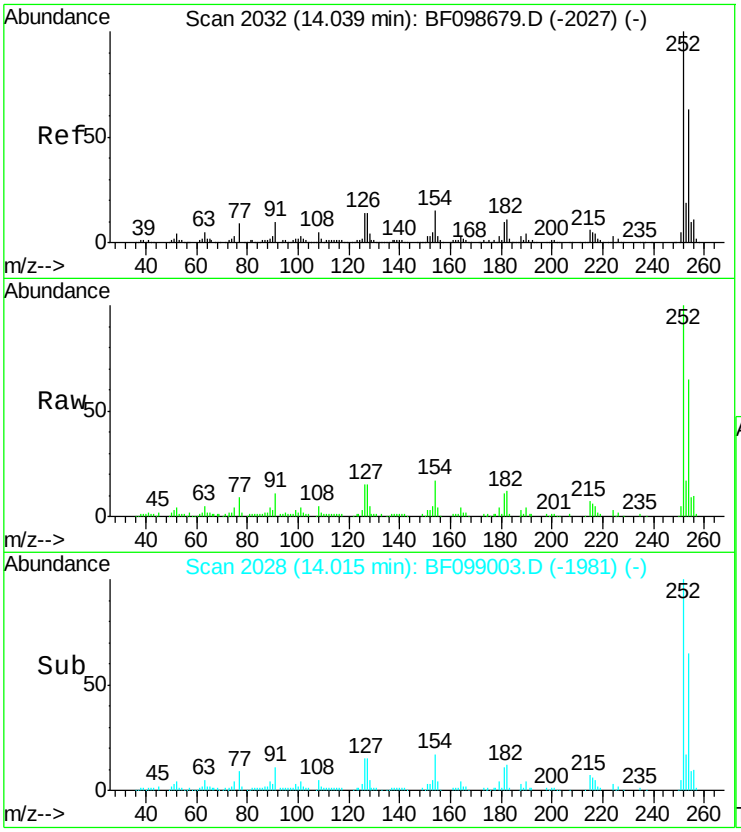


#80
Benzo(a)anthracene
Concen: 24.08 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:228 Resp: 354434

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6



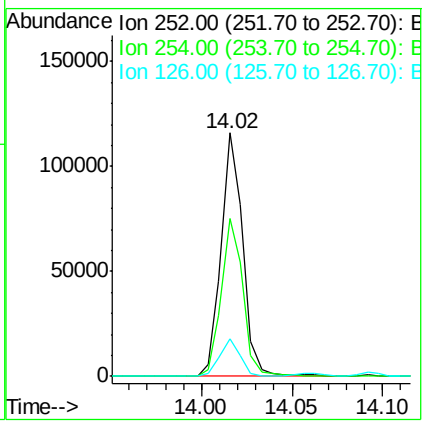


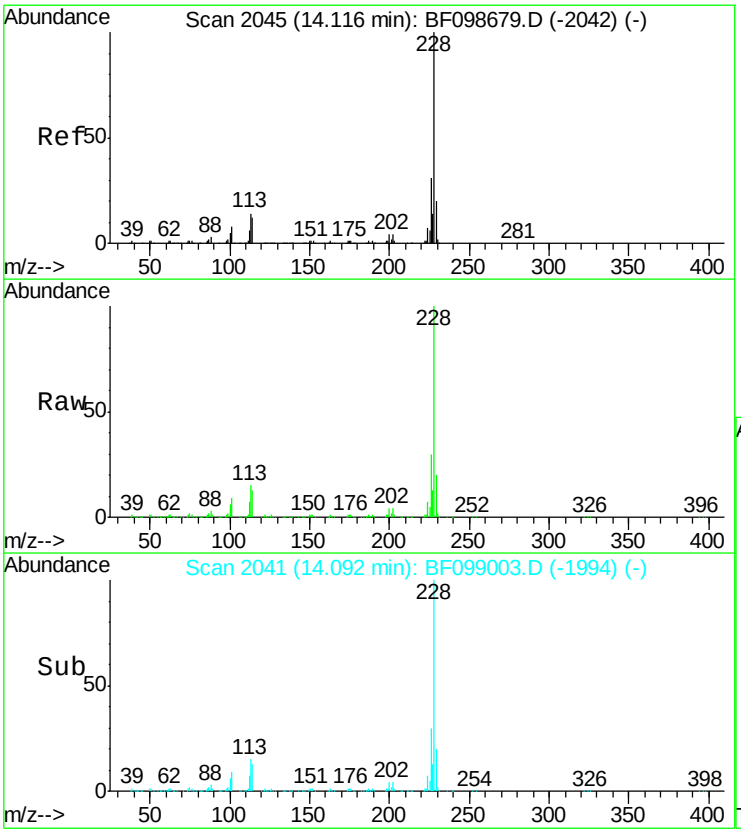
#81
3,3'-Dichlorobenzidine
Concen: 17.95 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 96849

Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	15.2	11.3	16.9

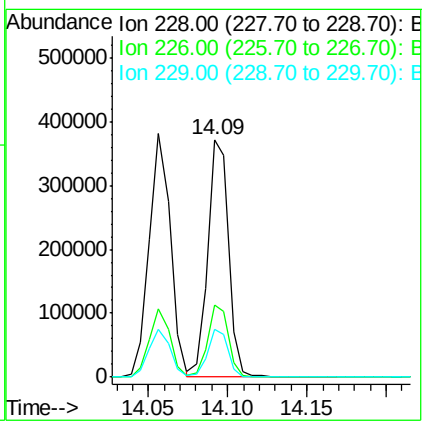


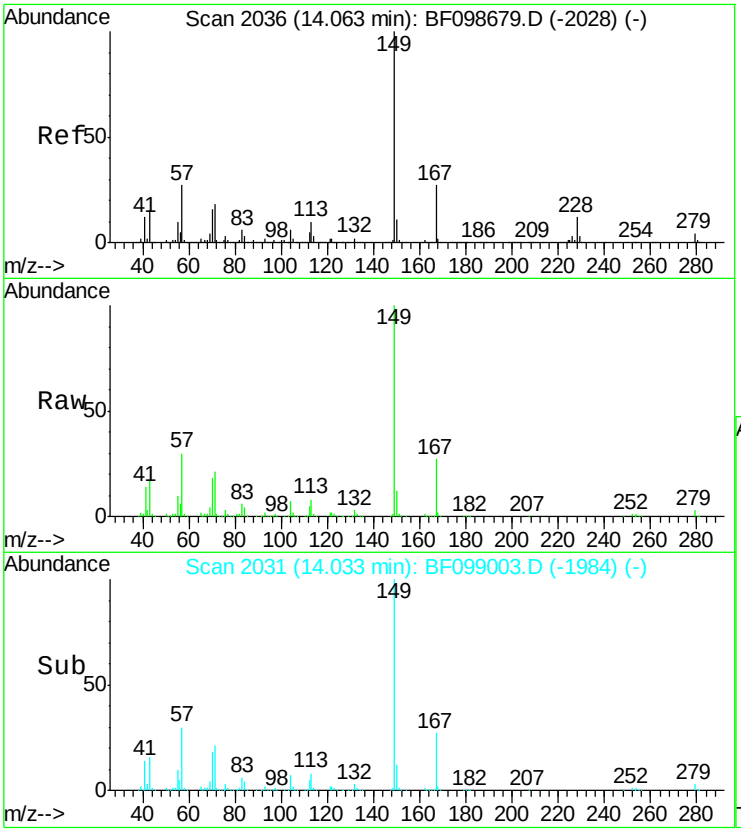


#82
Chrysene
Concen: 24.29 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:228 Resp: 340284

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.2	16.2	24.4



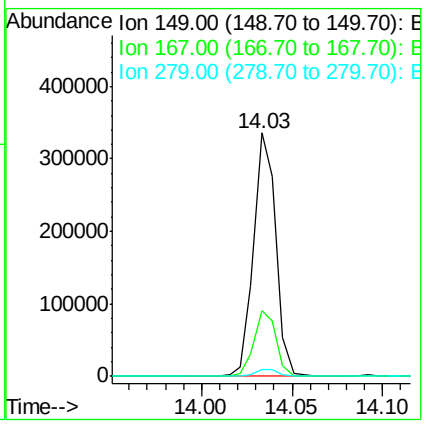


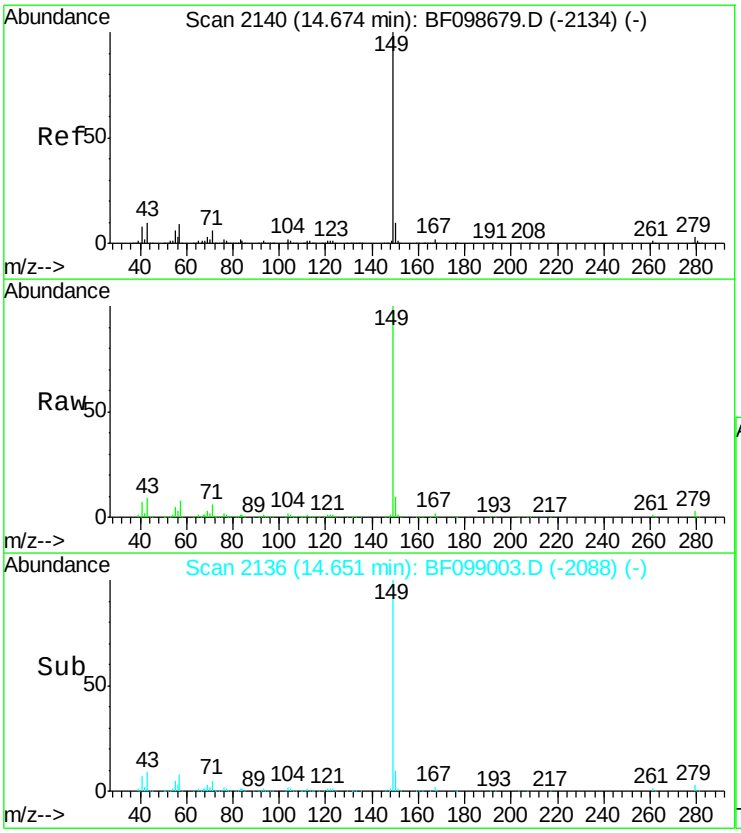
#83
Bis(2-ethylhexyl)phthalate
Concen: 23.99 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 287696

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	2.6	3.0	4.4#

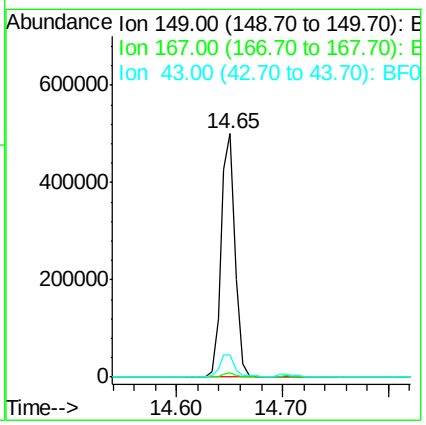


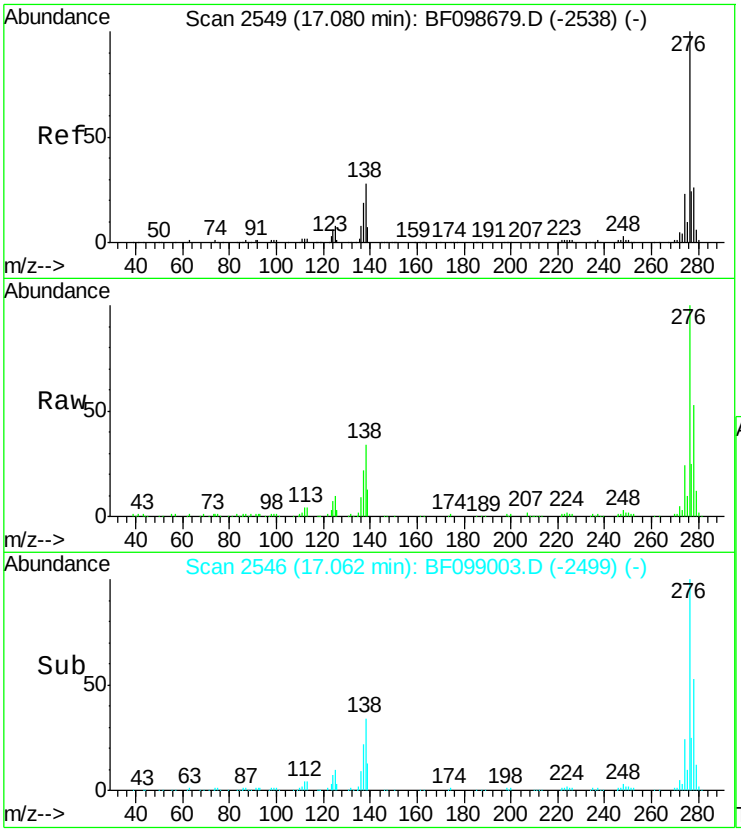


#84
Di-n-octyl phthalate
Concen: 23.82 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:149 Resp: 459975

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6



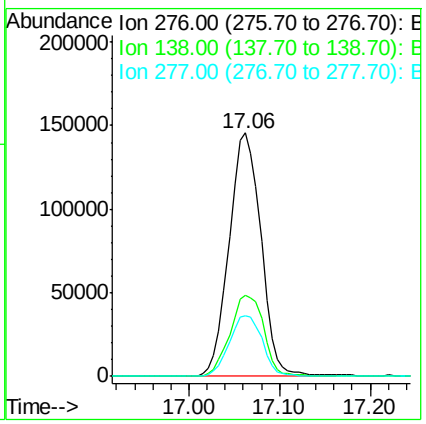


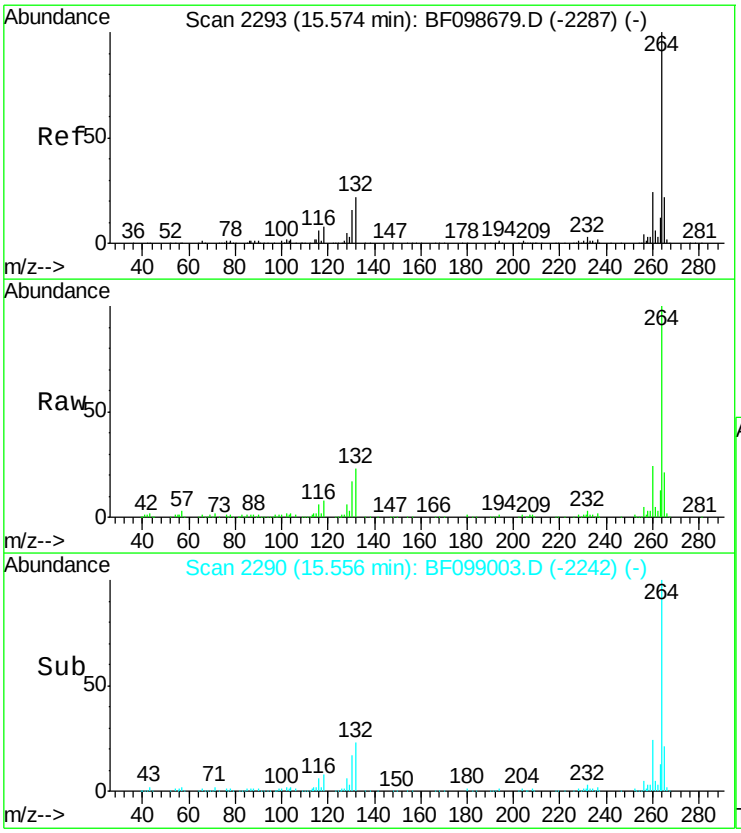
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.86 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 357139

Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.6	20.1	30.1

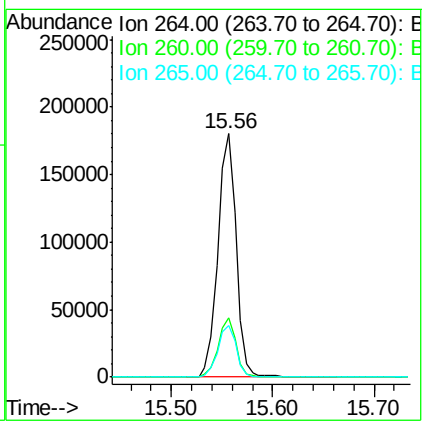


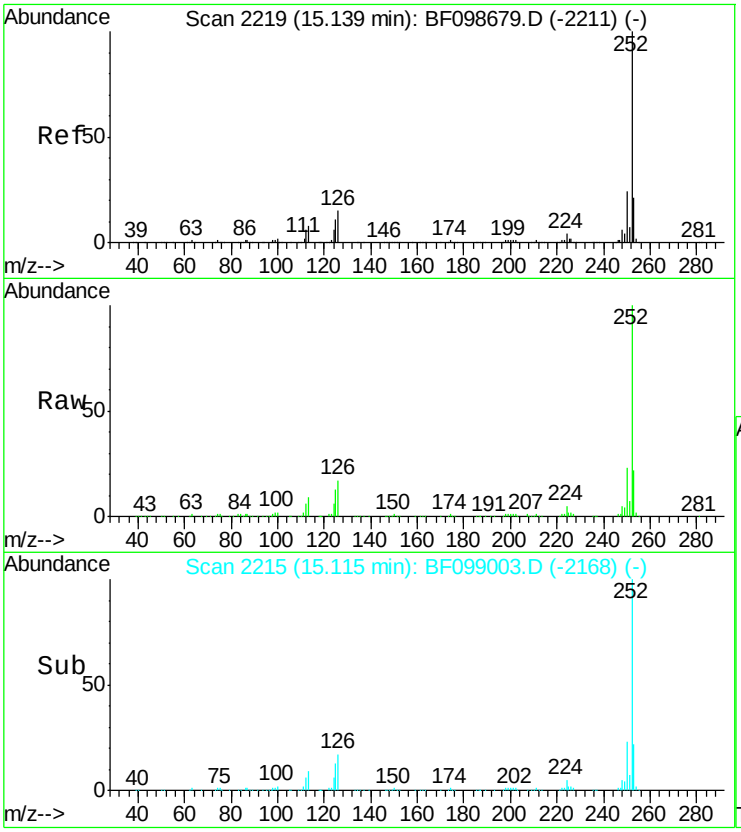


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:264 Resp: 225619

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3



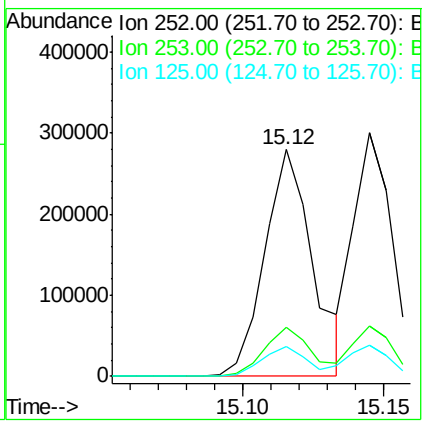


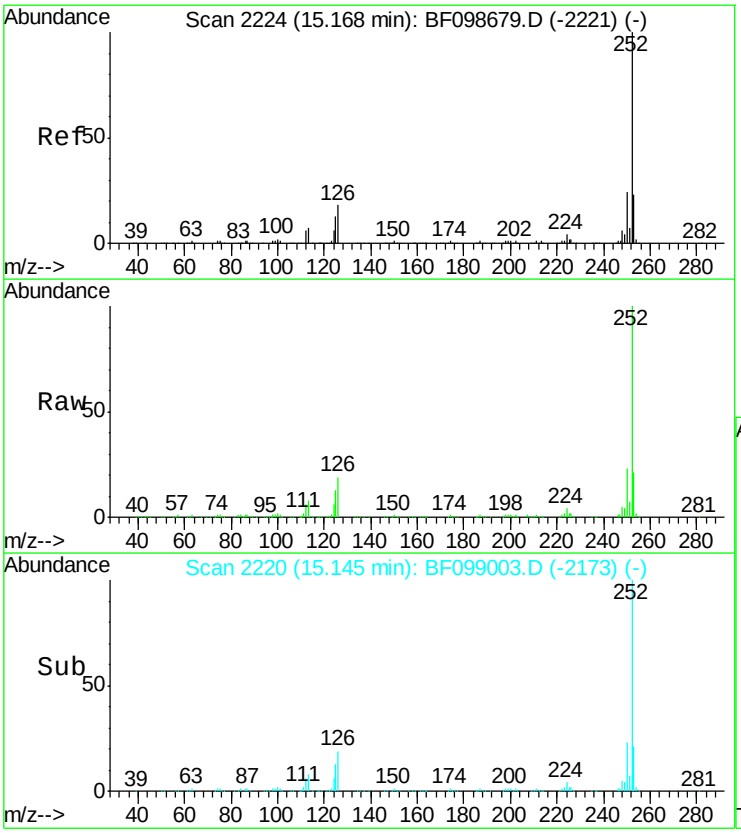
#87
Benzo(b)fluoranthene
Concen: 23.68 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 328466

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.1	9.0	13.6

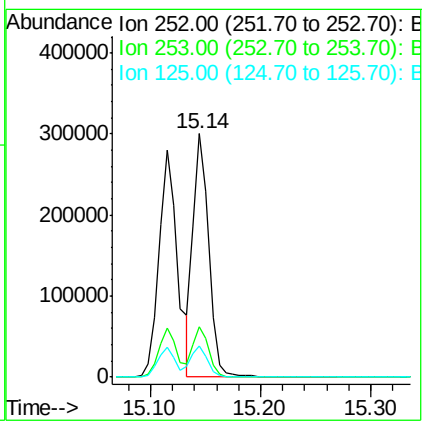


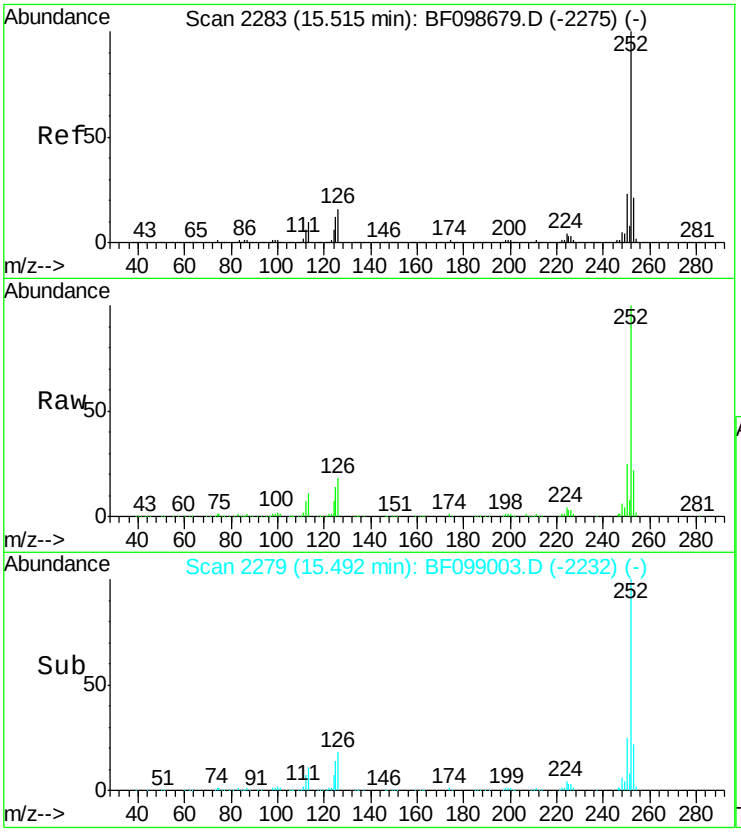


#88
Benzo(k)fluoranthene
Concen: 21.29 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:252 Resp: 291762

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	12.7	10.2	15.2



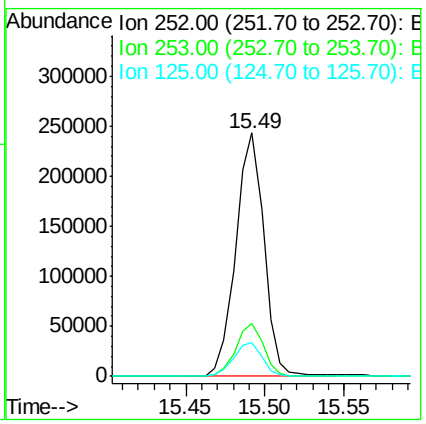


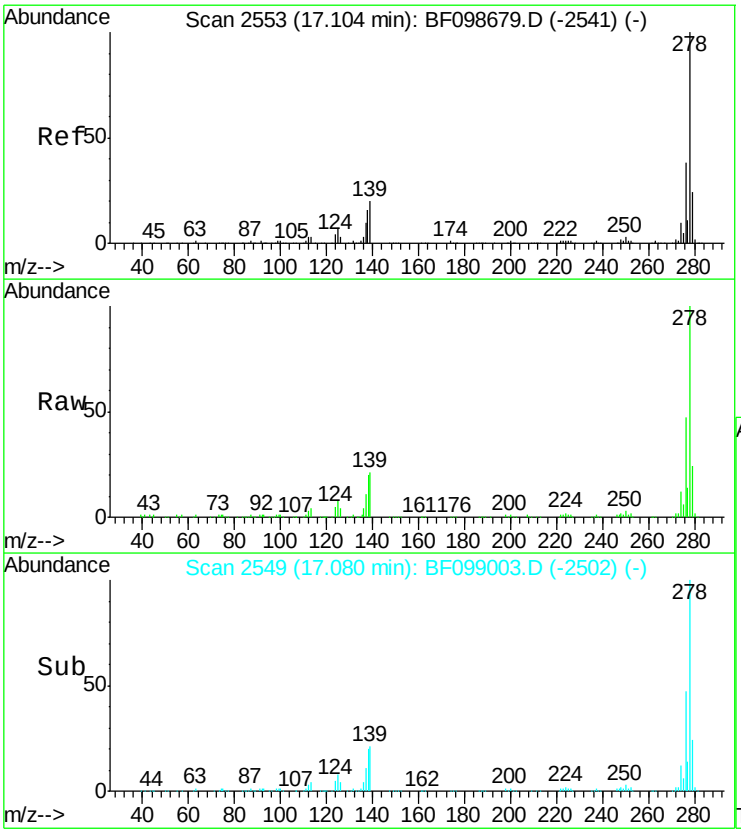
#89
Benzo(a)pyrene
Concen: 23.60 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 300482

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.6	9.8	14.6

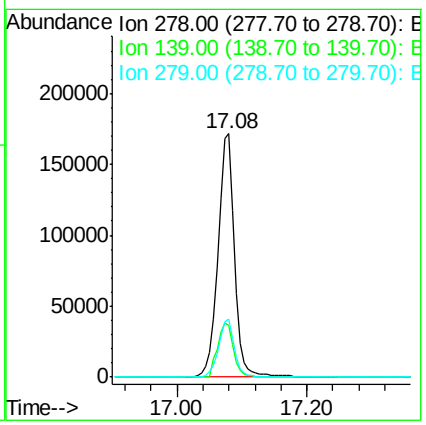


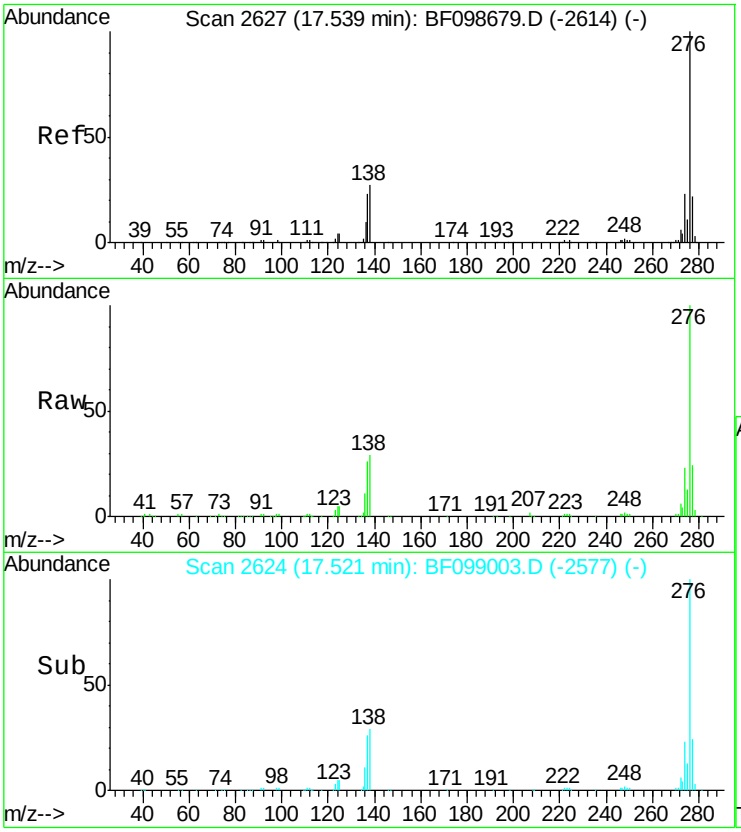


#90
Dibenzo(a,h)anthracene
Concen: 29.66 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:278 Resp: 302231

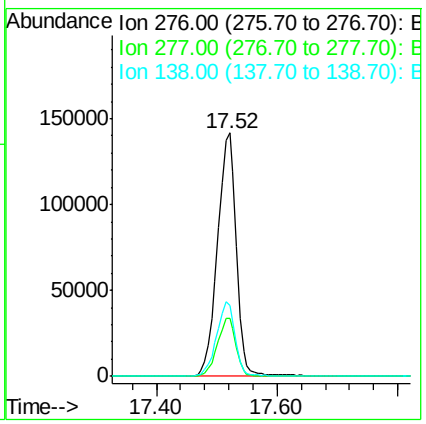
Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	23.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 30.57 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 307902

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.2	21.8	32.8