Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106373.D
Acq On : 13 Jun 2018 5:18
Operator : JU/SJ
Sample : J3164-14MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 07:09:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111457	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	383045	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	161632	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	309775	20.00	ng		0.00
75) Chrysene-d12	14.15	240	298149	20.00	ng		0.00
86) Perylene-d12	15.69	264	202090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	333476	50.64	ng		0.04
7) Phenol-d6	6.64	99	246537	29.63	ng		0.05
23) Nitrobenzene-d5	7.54	82	548557	84.25	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	198691	127.76	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	871918	101.82	ng		0.00
78) Terphenyl-d14	13.09	244	944400	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	50609	14.849	ng		96
3) Pyridine	3.65	79	26649	2.806	ng		97
4) n-Nitrosodimethylamine	3.57	42	60619	13.932	ng		95
6) Aniline	6.64	93	25460	2.096	ng	#	37
8) 2-Chlorophenol	6.78	128	215782	30.470	ng		99
9) Benzaldehyde	6.52	77	81449	12.906	ng		99
10) Phenol	6.65	94	117682	12.957	ng		87
11) bis(2-Chloroethyl)ether	6.71	93	302373	38.888	ng		98
12) 1,3-Dichlorobenzene	6.91	146	293925	35.265	ng		98
13) 1,4-Dichlorobenzene	6.99	146	299260	35.381	ng		98
14) 1,2-Dichlorobenzene	7.15	146	280832	35.270	ng		97
15) Benzyl Alcohol	7.11	79	129377	18.158	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	443906	39.827	ng		65
17) 2-Methylphenol	7.25	107	143954	22.784	ng	#	84
18) Hexachloroethane	7.48	117	126622	42.015	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	206384	33.064	ng		95
20) 3+4-Methylphenols	7.40	107	173931	21.526	ng		93
22) Acetophenone	7.38	105	395185	40.939	ng	#	98
24) Nitrobenzene	7.55	77	309642	43.753	ng		95
25) Isophorone	7.79	82	537071	42.230	ng		97
26) 2-Nitrophenol	7.87	139	124491	45.320	ng		98
27) 2,4-Dimethylphenol	7.92	122	196695	36.533	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	310841	37.694	ng		98
29) 2,4-Dichlorophenol	8.14	162	200081	38.520	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	223645	38.400	ng		95
31) Naphthalene	8.28	128	731304	42.234	ng		97
32) Benzoic acid	8.00	122	19214	11.393	ng	#	1
33) 4-Chloroaniline	8.33	127	31738	4.136	ng	#	92
34) Hexachlorobutadiene	8.39	225	146300	39.101	ng		98
35) Caprolactam	8.67	113	11918	6.783	ng	#	83
36) 4-Chloro-3-methylphenol	8.82	107	176355	30.694	ng		96
37) 2-Methylnaphthalene	8.97	142	490599	41.598	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	233282	44.460	ng		96
40) Hexachlorocyclopentadiene	9.12	237	49549	17.116	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106373.D
Acq On : 13 Jun 2018 5:18
Operator : JU/SJ
Sample : J3164-14MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 07:09:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	141272	42.249 ng		99
43) 2,4,5-Trichlorophenol	9.32	196	124710	34.596 ng		93
45) 1,1'-Biphenyl	9.44	154	549422	43.886 ng		97
46) 2-Chloronaphthalene	9.46	162	422329	42.154 ng		98
47) 2-Nitroaniline	9.56	65	128762	40.855 ng		93
48) Acenaphthylene	9.88	152	650381	42.412 ng		99
49) Dimethylphthalate	9.73	163	638075	55.256 ng		99
50) 2,6-Dinitrotoluene	9.80	165	96510	40.915 ng		95
51) Acenaphthene	10.05	154	415519	41.957 ng		99
52) 3-Nitroaniline	9.97	138	29659	10.594 ng		96
53) 2,4-Dinitrophenol	10.07	184	35974	38.255 ng	#	20
54) Dibenzofuran	10.22	168	580322	43.516 ng		99
55) 4-Nitrophenol	10.18	139	47853	22.300 ng		88
56) 2,4-Dinitrotoluene	10.20	165	129620	43.759 ng	#	94
57) Fluorene	10.57	166	460739	43.606 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	118607	41.514 ng	#	86
59) Diethylphthalate	10.42	149	480543	41.926 ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	228187	41.061 ng		91
61) 4-Nitroaniline	10.58	138	66920	24.568 ng		98
62) Azobenzene	10.71	77	402537	33.681 ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	31730	22.793 ng		97
65) n-Nitrosodiphenylamine	10.67	169	281710	27.059 ng		95
66) 4-Bromophenyl-phenylether	11.05	248	149558	42.448 ng	#	82
67) Hexachlorobenzene	11.11	284	152759	42.055 ng	#	88
68) Atrazine	11.20	200	22581	7.038 ng		93
69) Pentachlorophenol	11.32	266	150946	67.497 ng		99
70) Phenanthrene	11.53	178	658873	43.430 ng		98
71) Anthracene	11.58	178	666231	43.835 ng		100
72) Carbazole	11.74	167	516525	36.812 ng		99
73) Di-n-butylphthalate	12.05	149	738979	47.321 ng		100
74) Fluoranthene	12.72	202	781659	48.313 ng		98
77) Pyrene	12.95	202	795594	42.623 ng		99
79) Butylbenzylphthalate	13.56	149	347888	49.790 ng		95
80) Benzo(a)anthracene	14.15	228	748645	42.195 ng		98
82) Chrysene	14.18	228	702481	43.365 ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	502638	50.172 ng		100
84) Di-n-octyl phthalate	14.75	149	828376	57.355 ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	494617	38.259 ng		94
87) Benzo(b)fluoranthene	15.27	252	566869	46.403 ng		97
88) Benzo(k)fluoranthene	15.27	252	566869	46.855 ng	#	97
89) Benzo(a)pyrene	15.62	252	493654	44.927 ng		97
90) Dibenzo(a,h)anthracene	17.28	278	427969	46.719 ng		96
91) Benzo(g,h,i)perylene	17.74	276	400895	45.032 ng	#	93

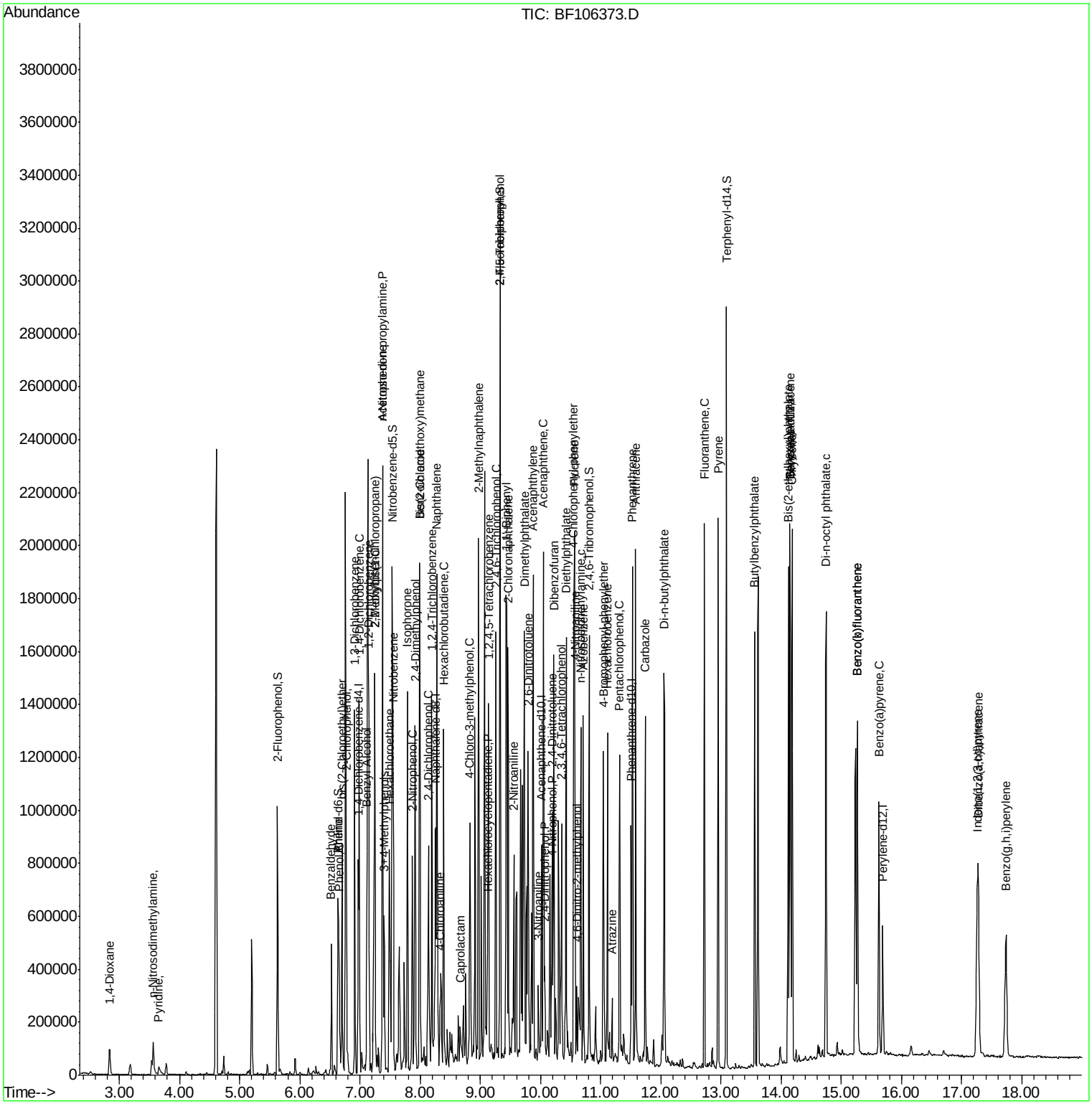
(#) = qualifier out of range (m) = manual integration (+) = signals summed

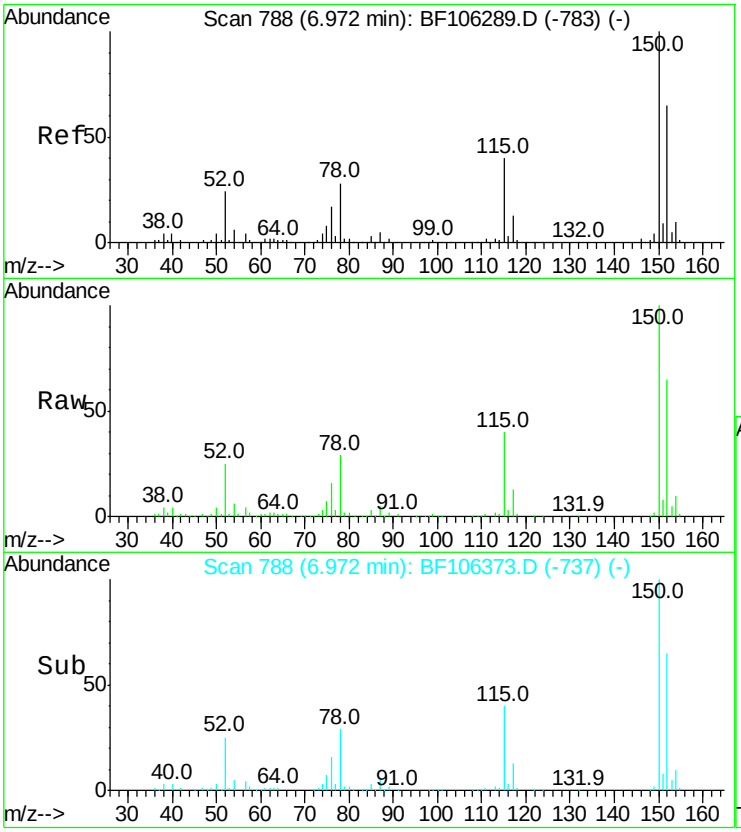
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106373.D
Acq On : 13 Jun 2018 5:18
Operator : JU/SJ
Sample : J3164-14MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 13 07:09:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



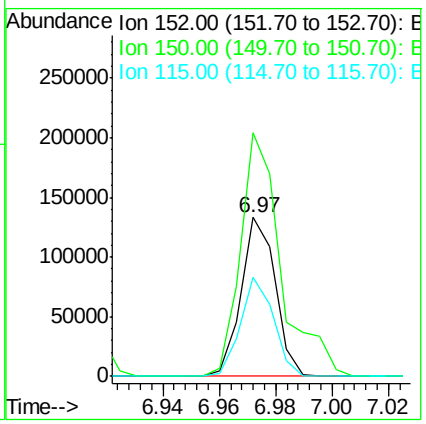


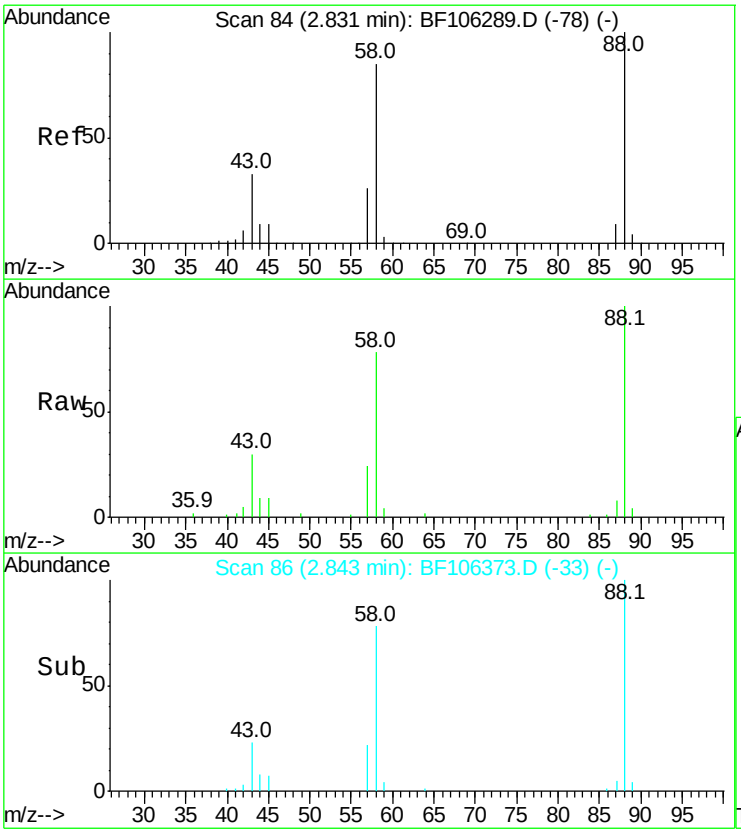
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111457

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	62.1	50.1	75.1

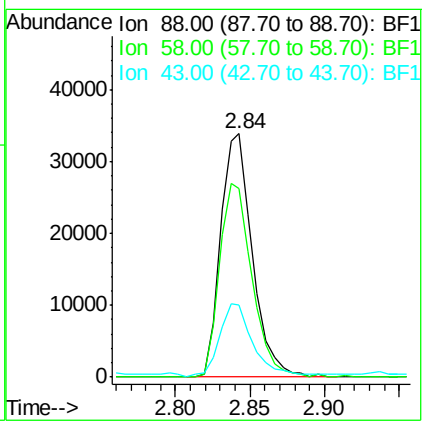


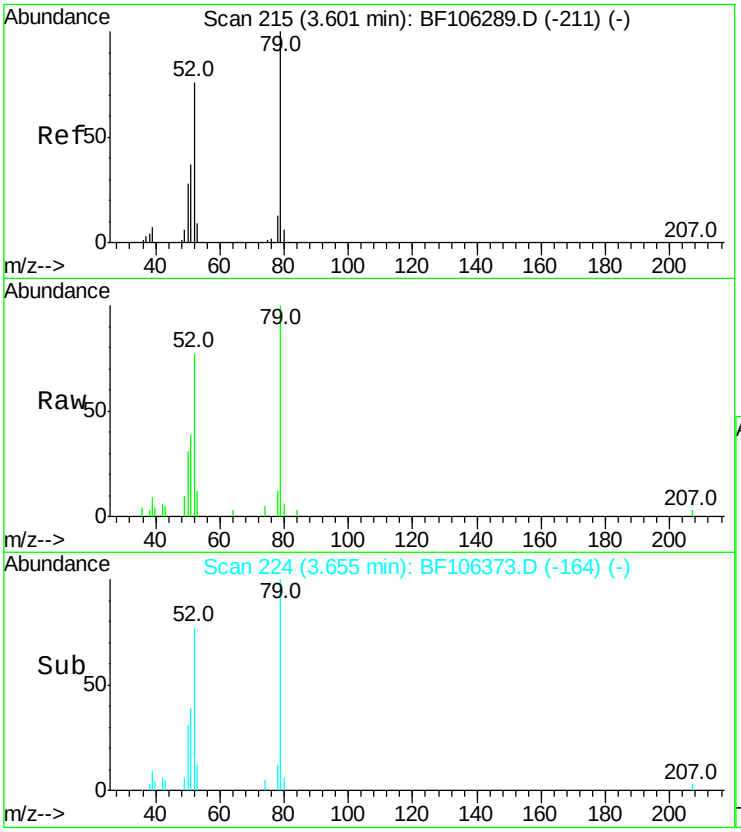


#2
1,4-Dioxane
Concen: 14.849 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 88 Resp: 50609

Ion	Ratio	Lower	Upper
88	100		
58	81.5	62.6	93.8
43	32.9	24.6	37.0



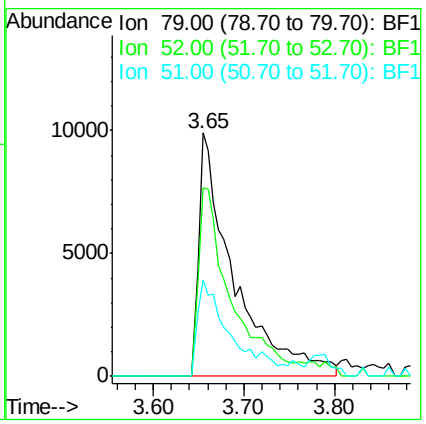


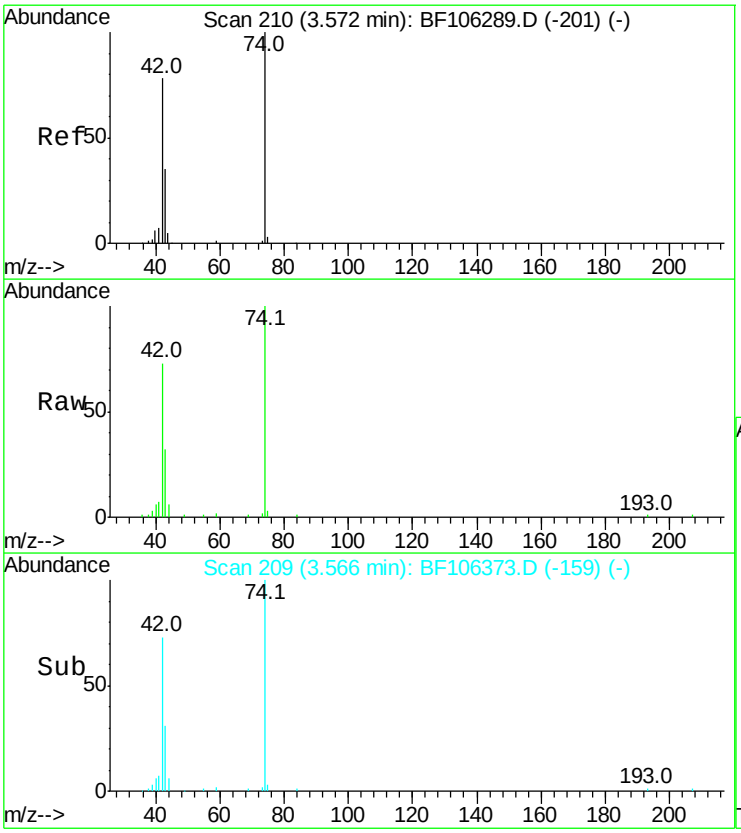
#3
Pyridine
Concen: 2.806 ng
RT: 3.65 min Scan# 224
Delta R.T. 0.05 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 26649

Ion	Ratio	Lower	Upper
79	100		
52	77.2	59.8	89.6
51	39.4	29.8	44.8

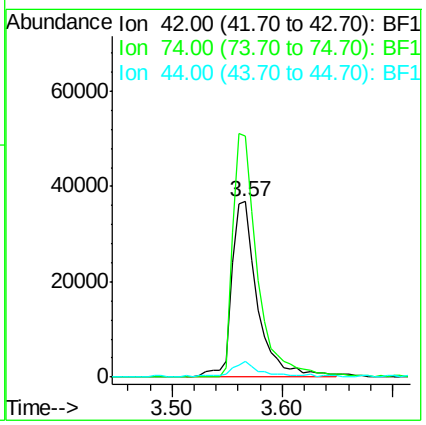


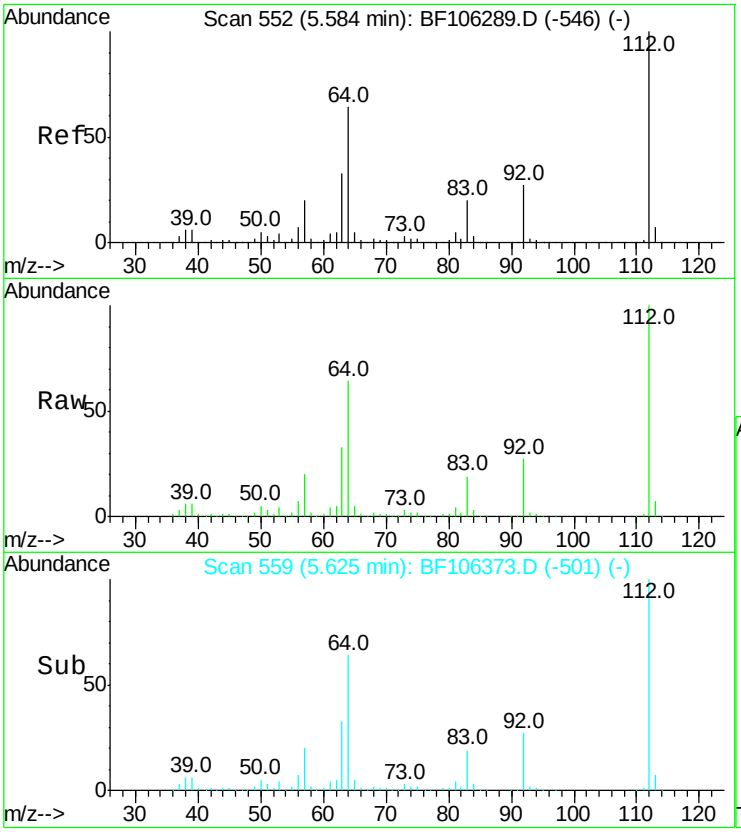


#4
n-Nitrosodimethylamine
Concen: 13.932 ng
RT: 3.57 min Scan# 209
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 42 Resp: 60619

Ion	Ratio	Lower	Upper
42	100		
74	137.4	104.9	157.3
44	8.8	6.9	10.3



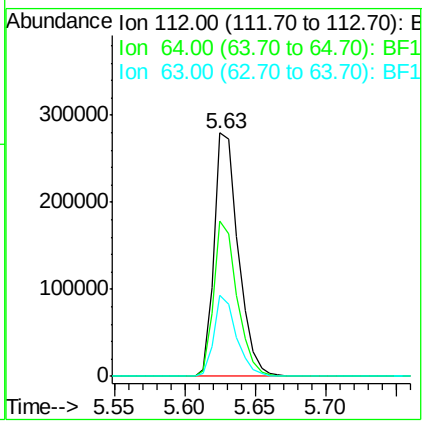


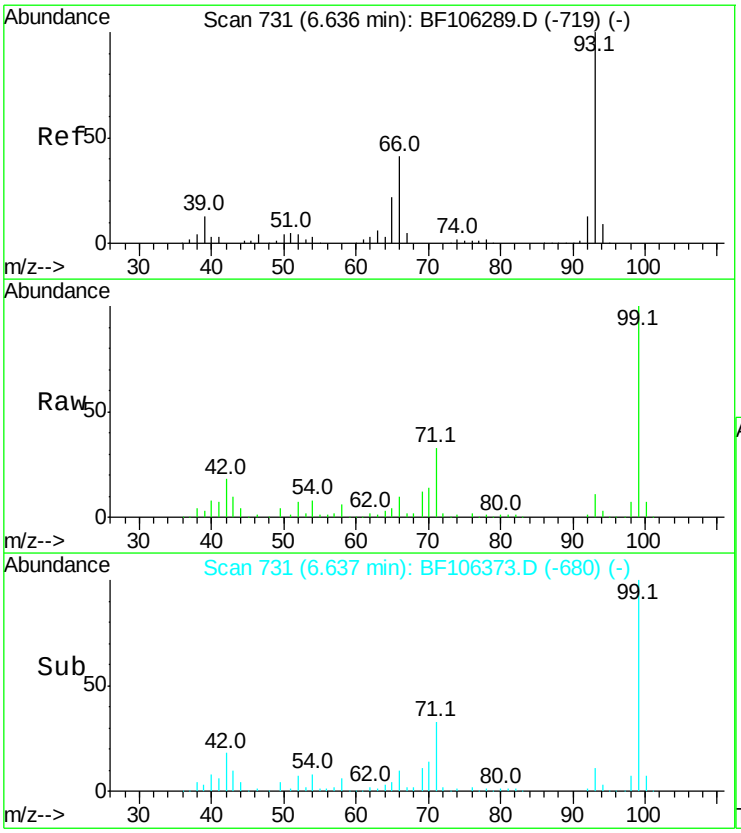
#5
2-Fluorophenol
Concen: 50.639 ng
RT: 5.63 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 333476

Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	33.1	23.7	35.5

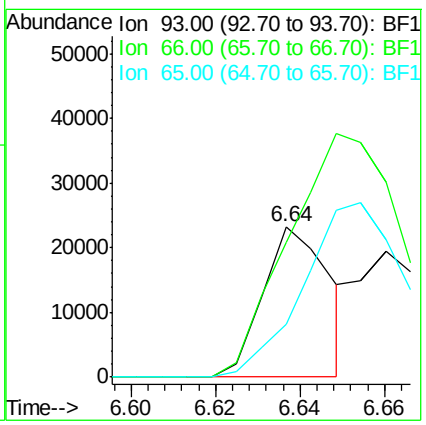


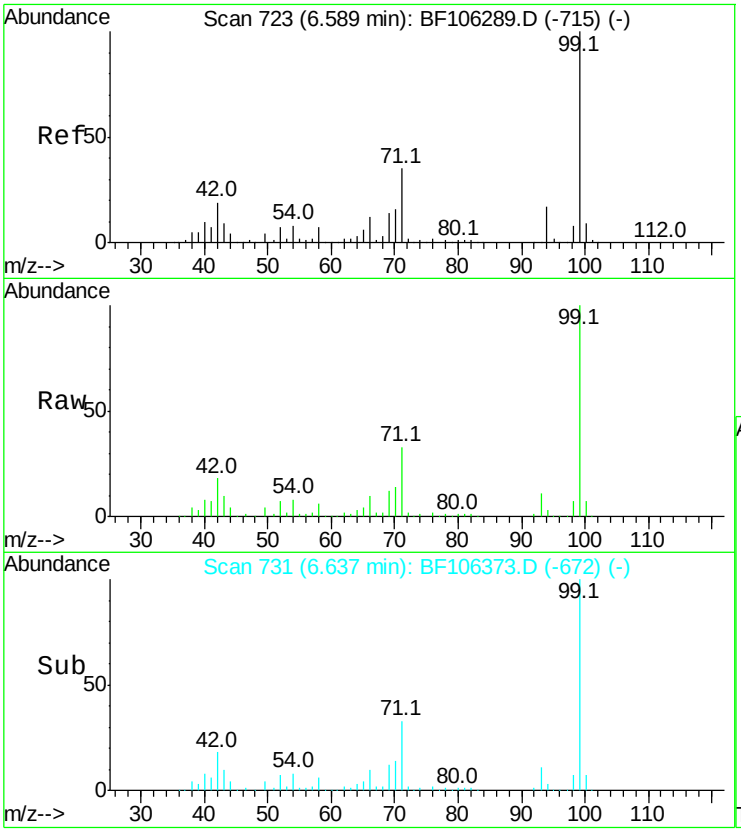


#6
Aniline
Concen: 2.096 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 93 Resp: 25460

Ion	Ratio	Lower	Upper
93	100		
66	89.5	32.2	48.2#
65	34.9	16.4	24.6#



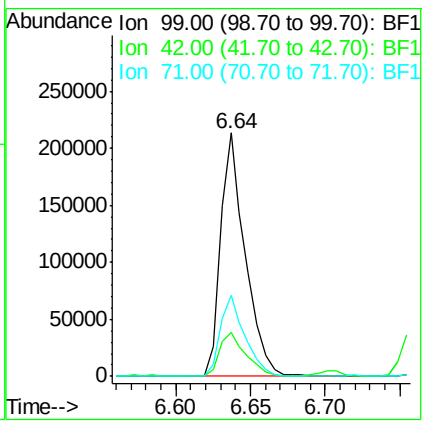


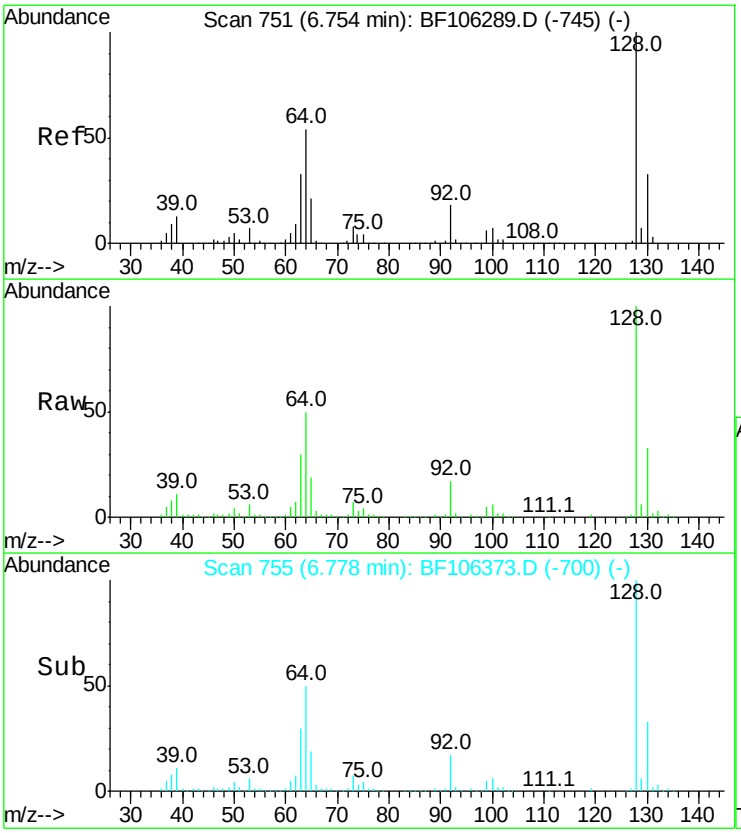
#7
Phenol-d6
Concen: 29.632 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.05 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 246537

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	33.3	25.4	38.0

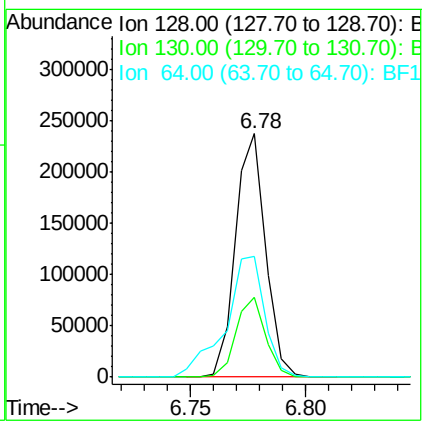


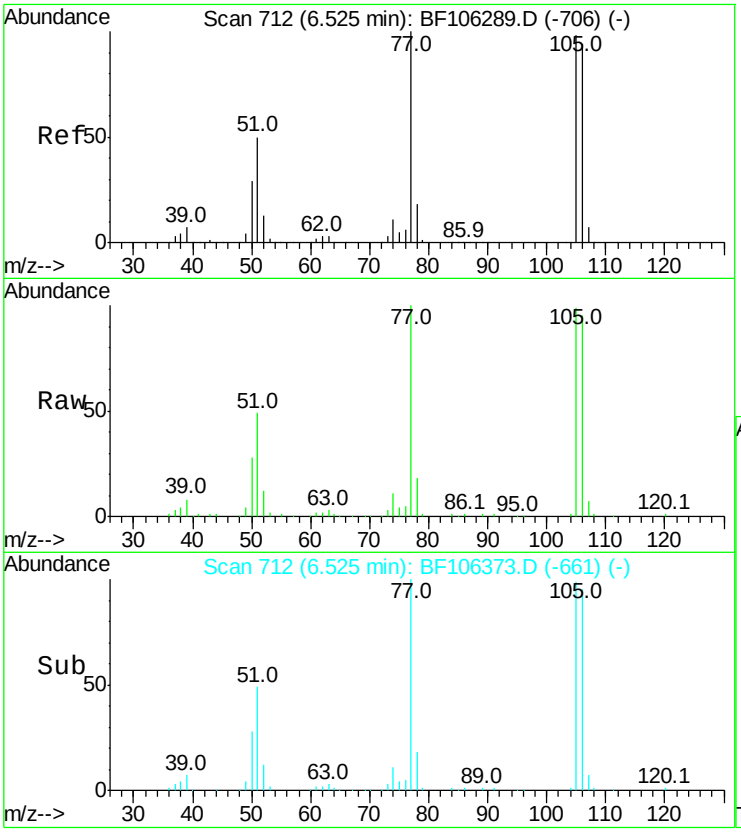


#8
2-Chlorophenol
Concen: 30.470 ng
RT: 6.78 min Scan# 755
Delta R.T. 0.02 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:128 Resp: 215782

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	49.8	29.4	69.4



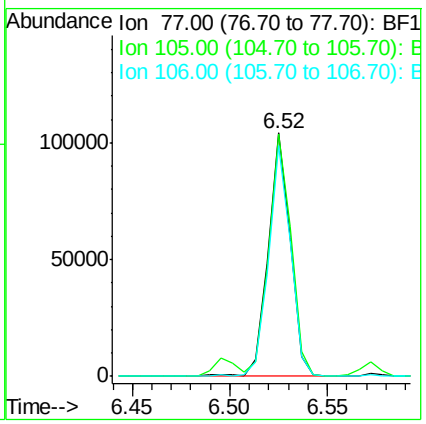


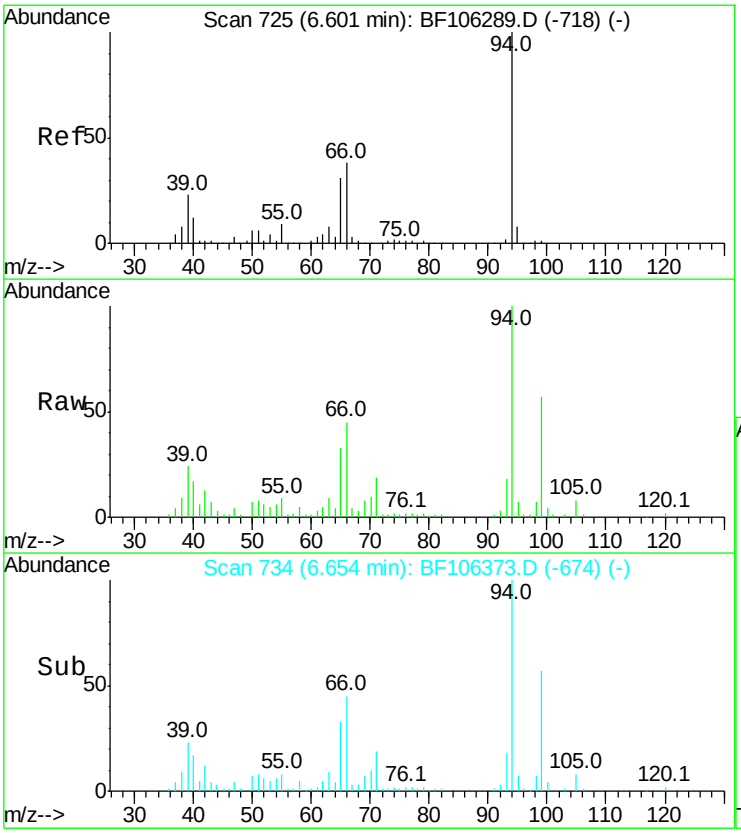
#9
Benzaldehyde
Concen: 12.906 ng
RT: 6.52 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 81449

Ion	Ratio	Lower	Upper
77	100		
105	99.3	81.1	121.1
106	94.9	74.5	114.5

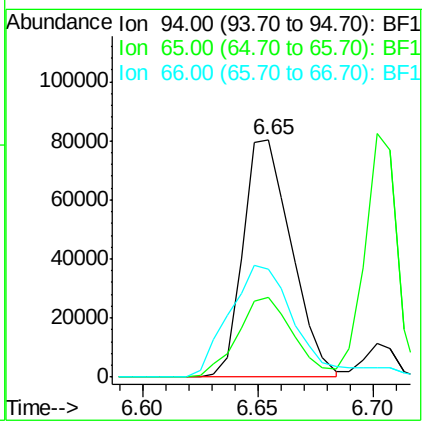


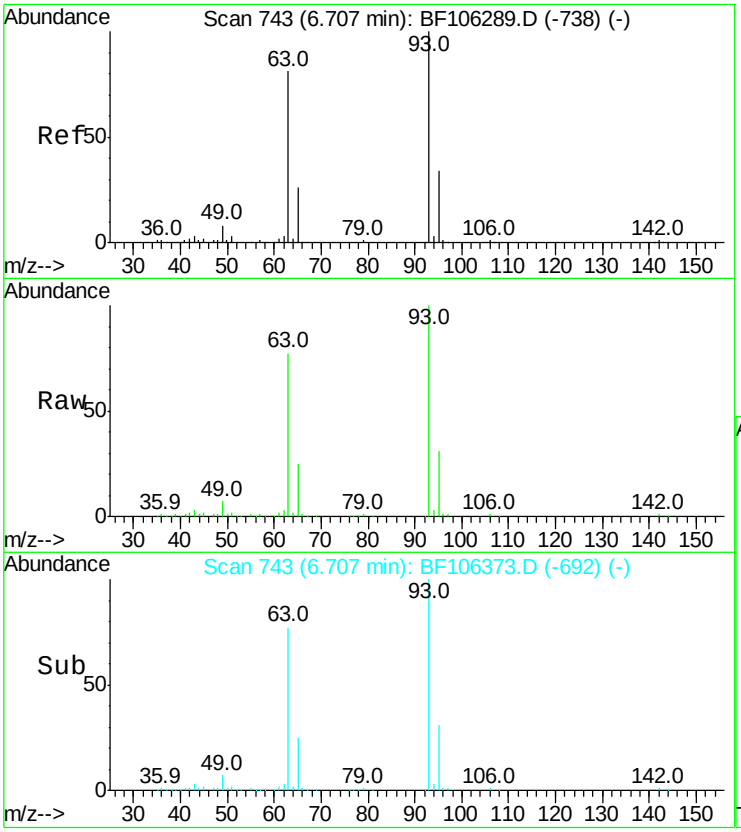


#10
Phenol
Concen: 12.957 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.05 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 94 Resp: 117682

Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.9	47.9
66	45.3	16.2	56.2



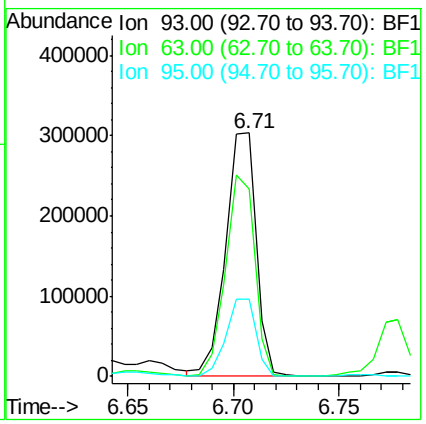


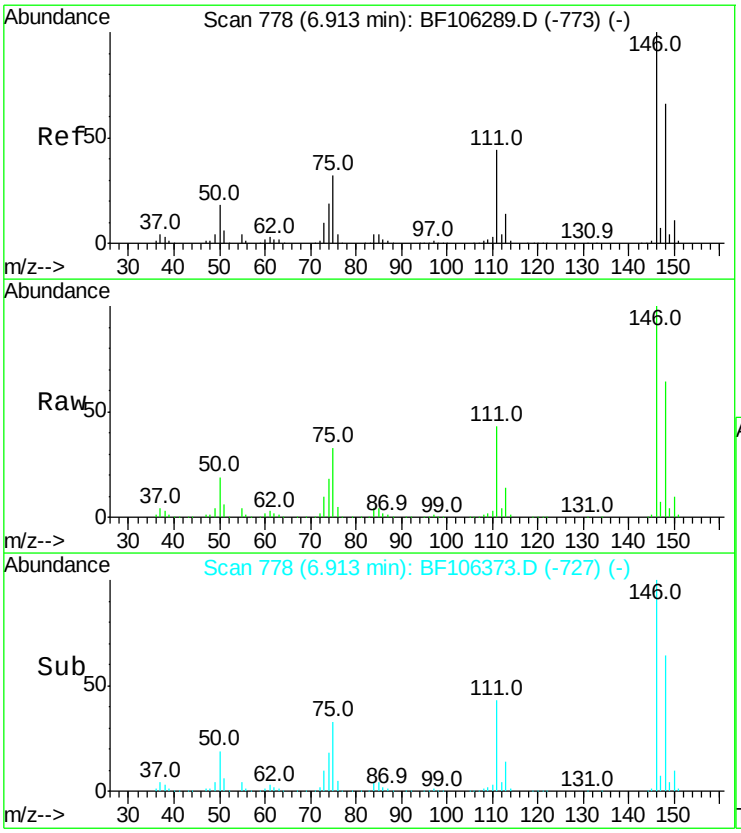
#11
bis(2-Chloroethyl)ether
Concen: 38.888 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 302373

Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.6	98.6
95	31.5	11.8	51.8

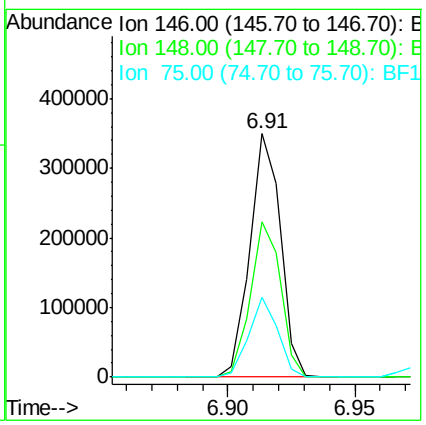


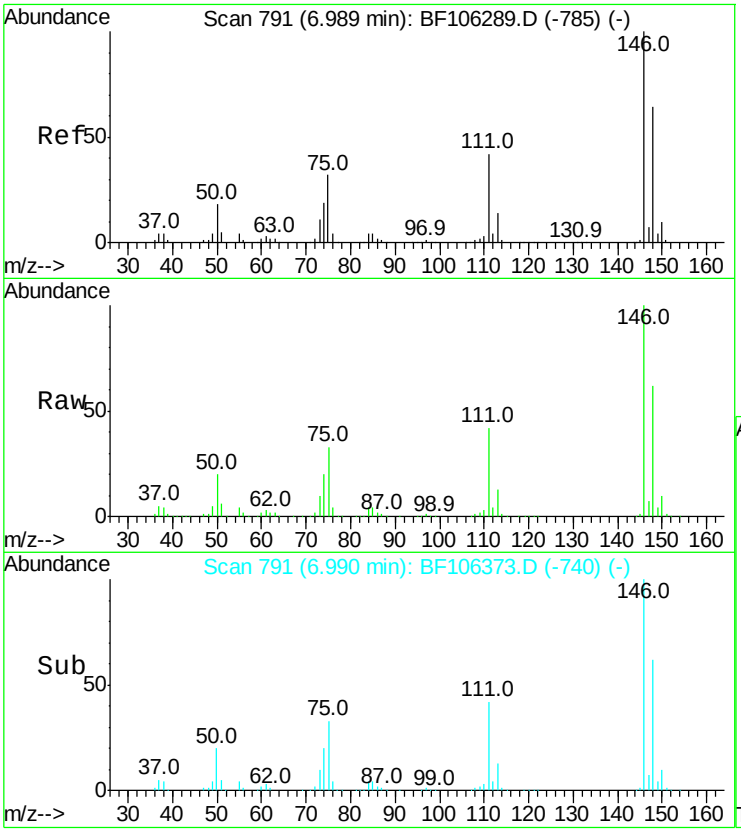


#12
1,3-Dichlorobenzene
Concen: 35.265 ng
RT: 6.91 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:146 Resp: 293925

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	32.7	24.2	36.4



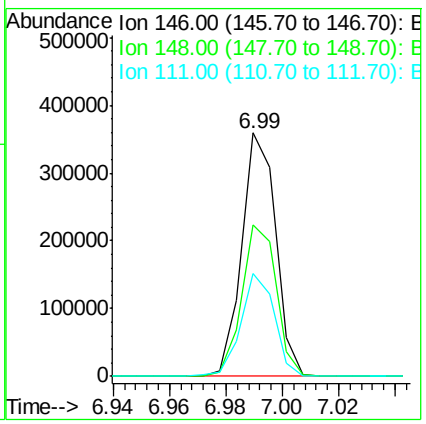


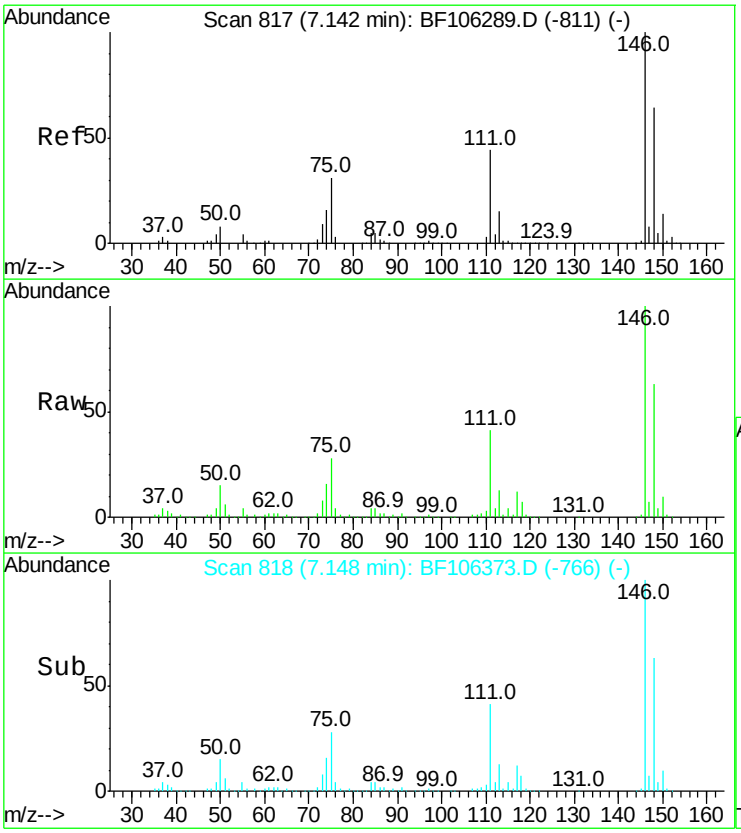
#13
1,4-Dichlorobenzene
Concen: 35.381 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 299260

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
111	42.1	34.2	51.2

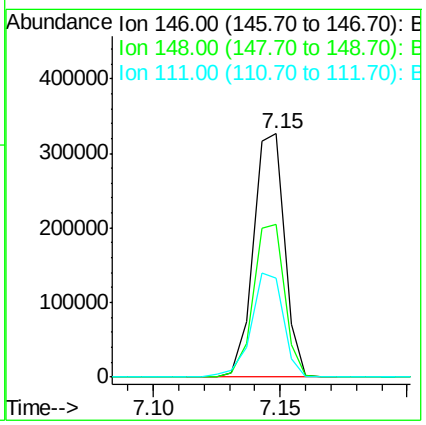


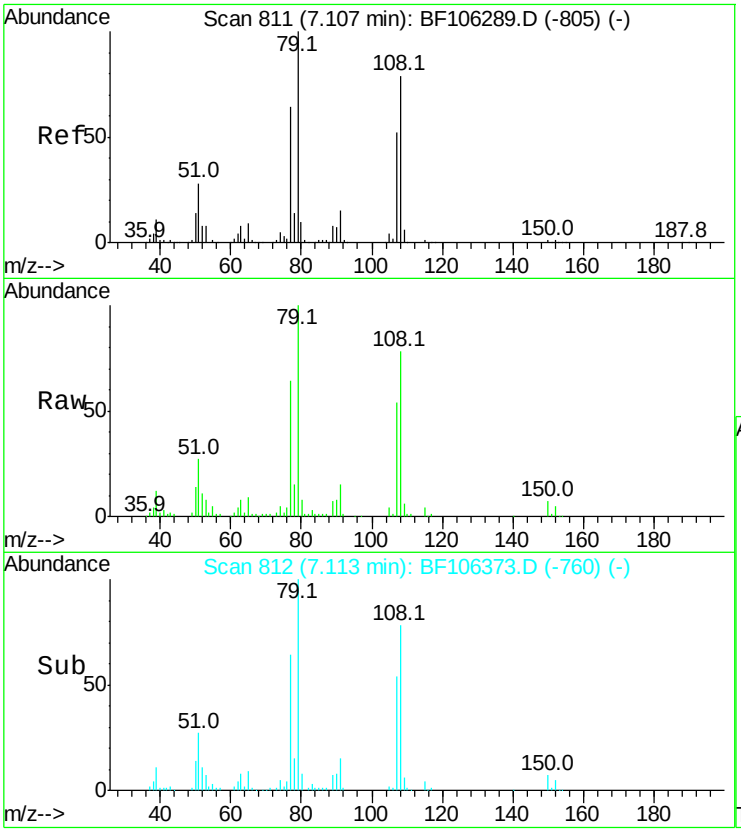


#14
1,2-Dichlorobenzene
Concen: 35.270 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:146 Resp: 280832

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	75.8
111	40.7	36.0	54.0



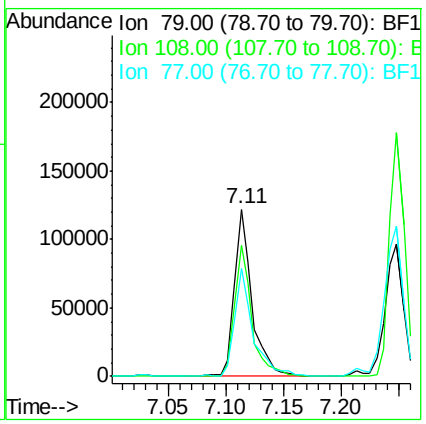


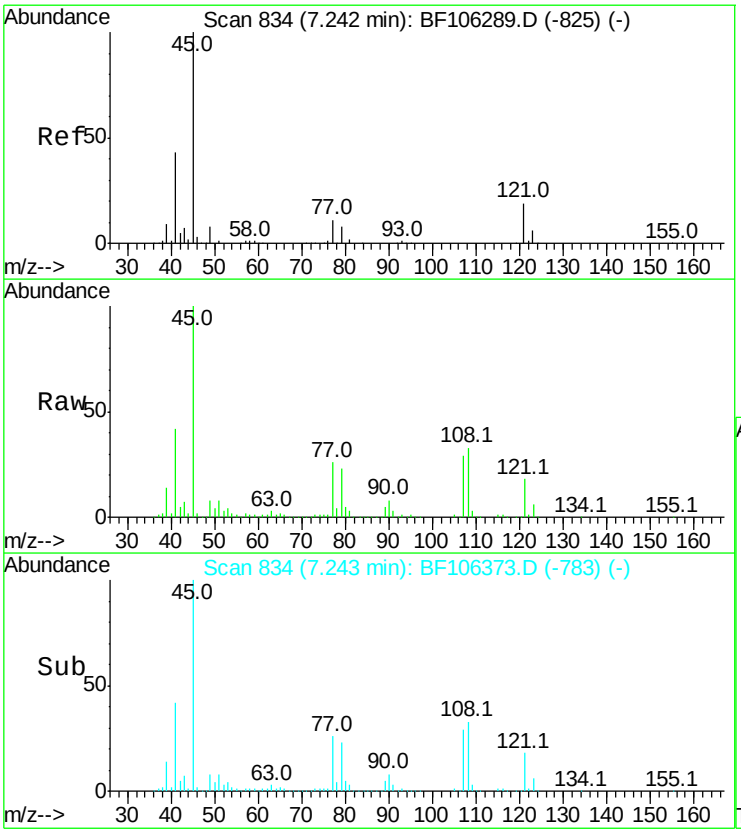
#15
Benzyl Alcohol
Concen: 18.158 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 129377

Ion	Ratio	Lower	Upper
79	100		
108	78.1	65.1	97.7
77	64.5	50.6	75.8

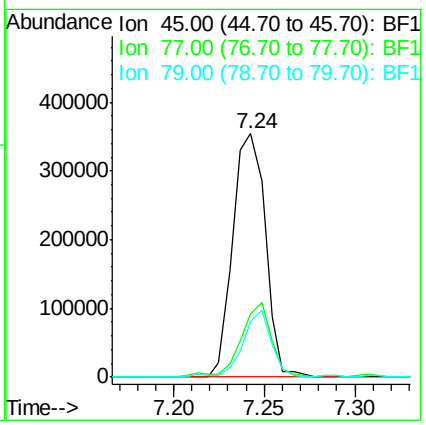


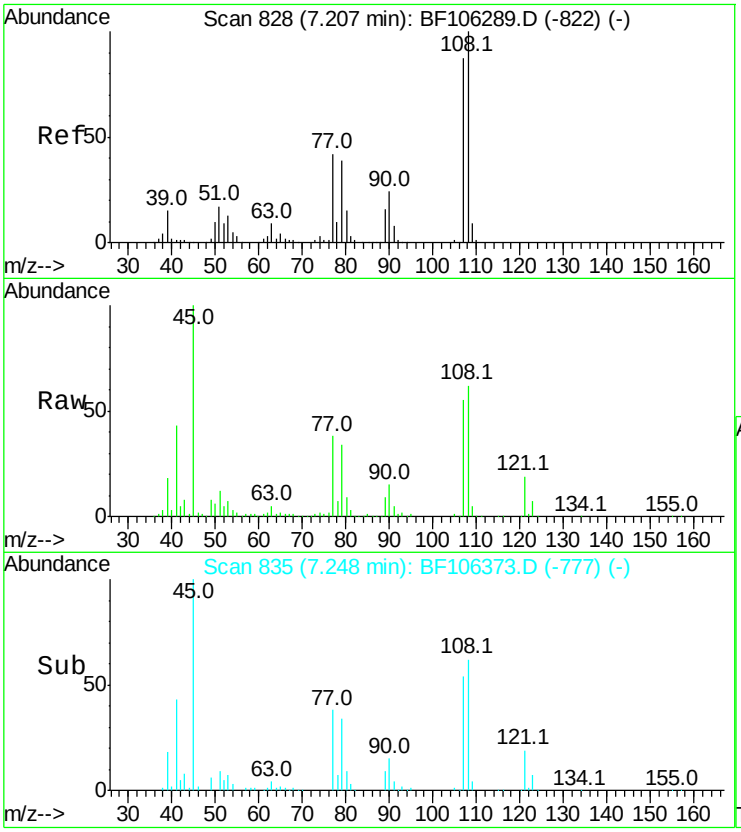


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.827 ng
RT: 7.24 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 45 Resp: 443906

Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	32.9
79	22.9	0.0	29.6



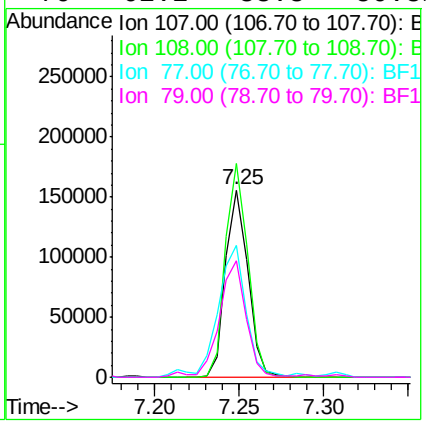


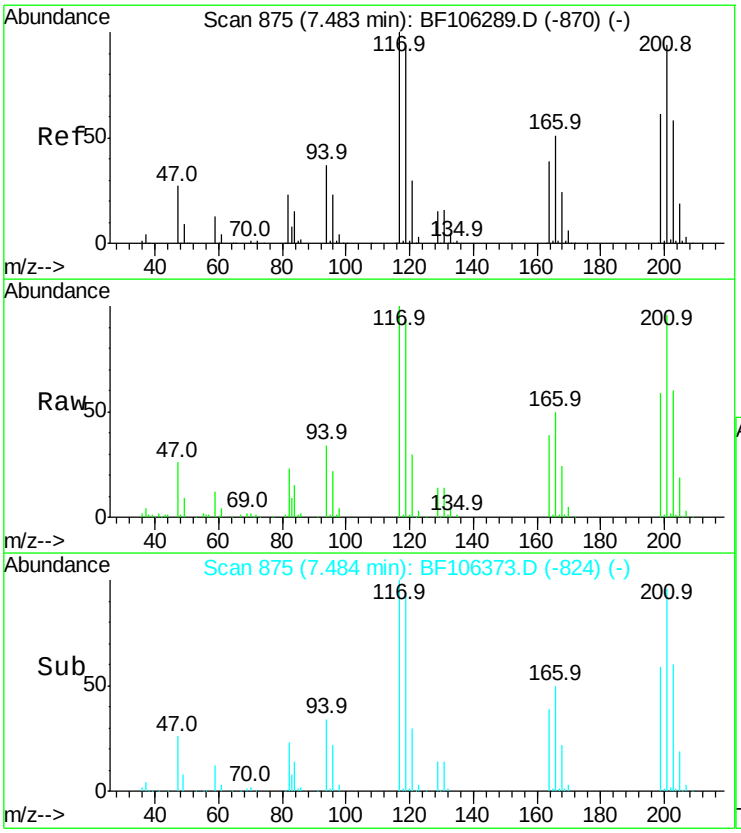
#17
2-Methylphenol
Concen: 22.784 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 143954

Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	70.2	33.8	50.8#
79	62.2	33.8	50.8#

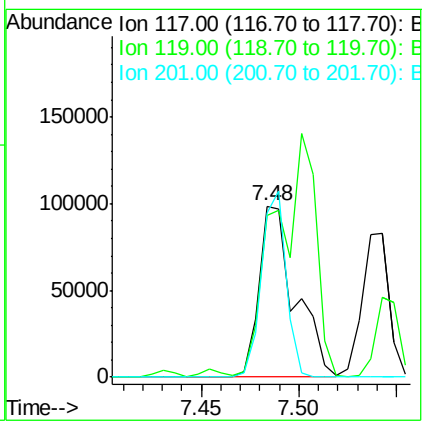


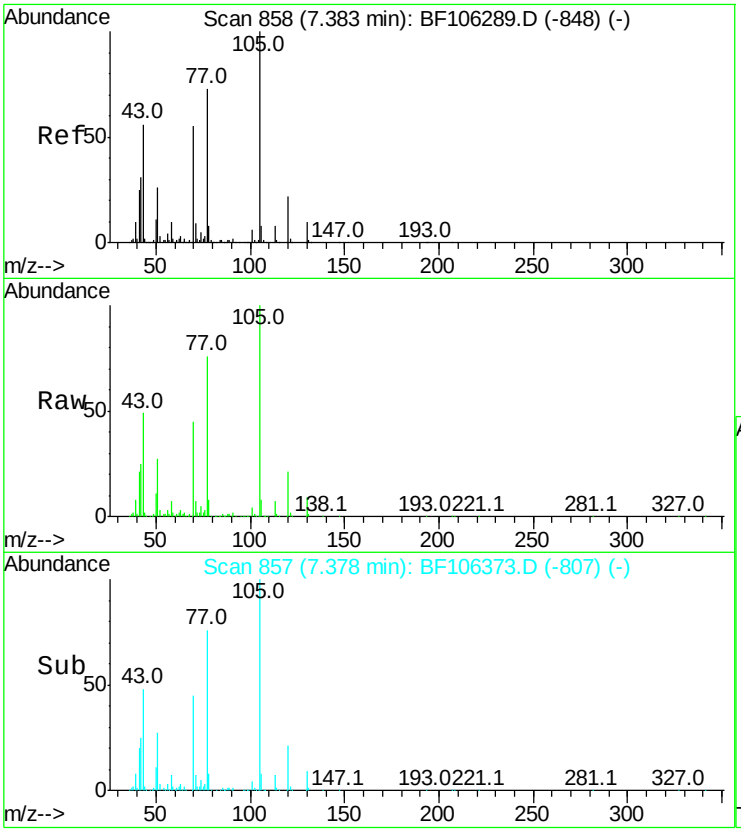


#18
Hexachloroethane
Concen: 42.015 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:117 Resp: 126622

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	96.2	75.7	113.5



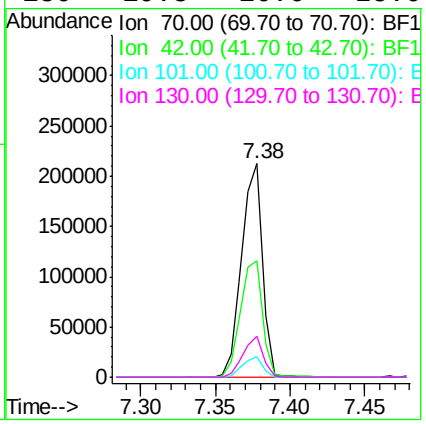


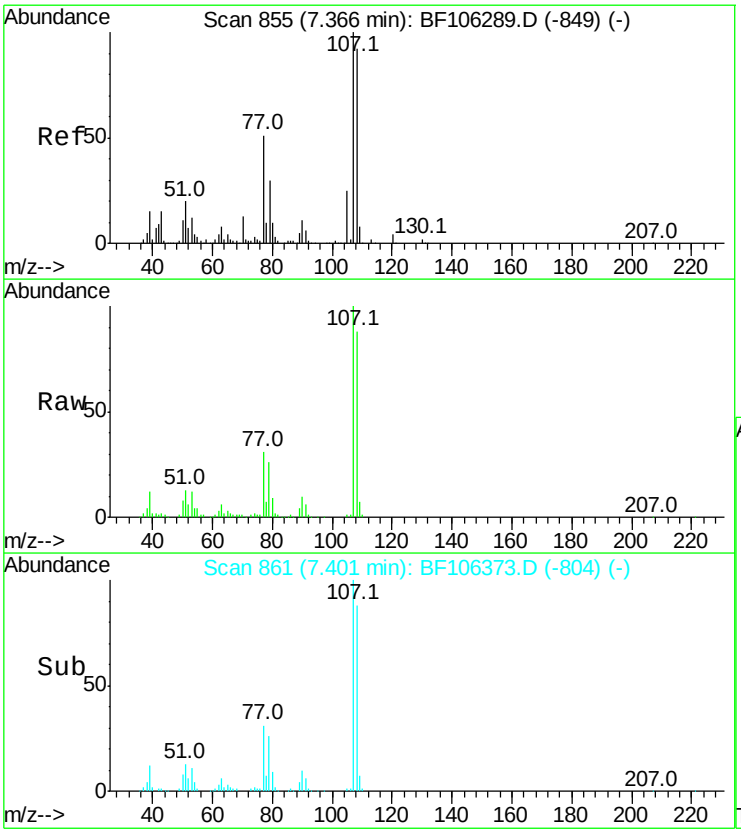
#19
n-Nitroso-di-n-propylamine
Concen: 33.064 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 206384

Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	9.8	7.4	11.2
130	19.3	16.6	25.0

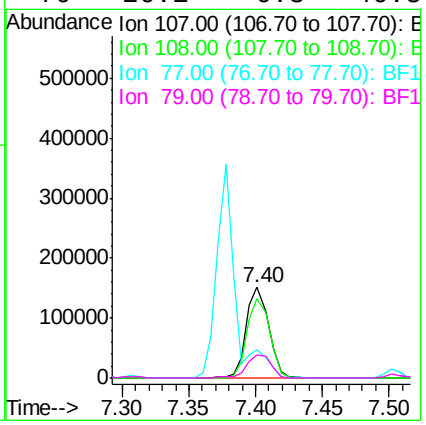


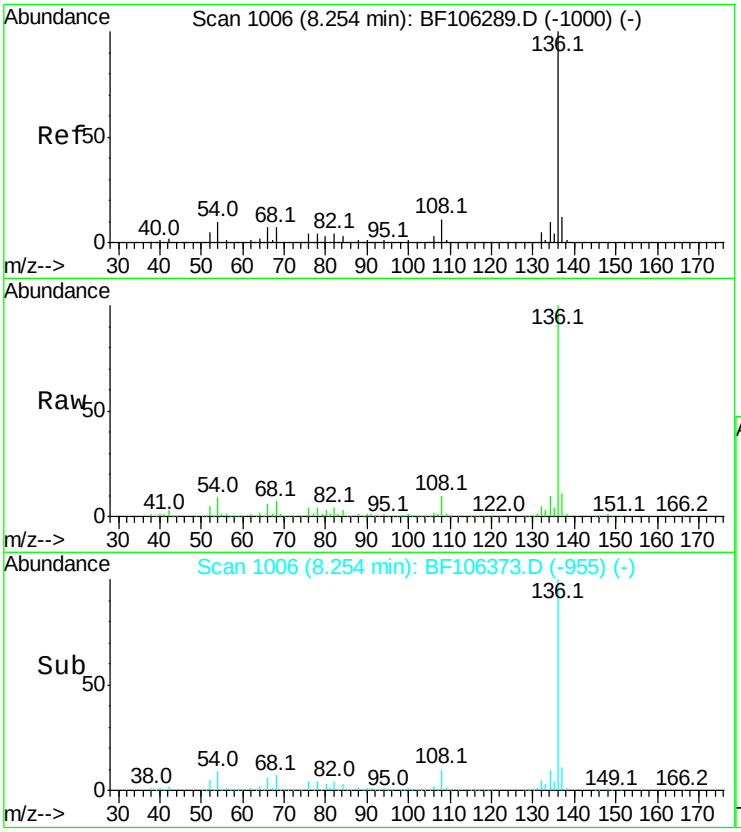


#20
3+4-Methylphenols
Concen: 21.526 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.04 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:107 Resp: 173931

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	31.5	26.7	66.7
79	26.1	6.3	46.3



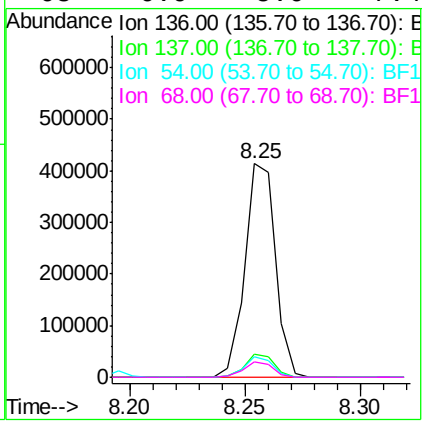


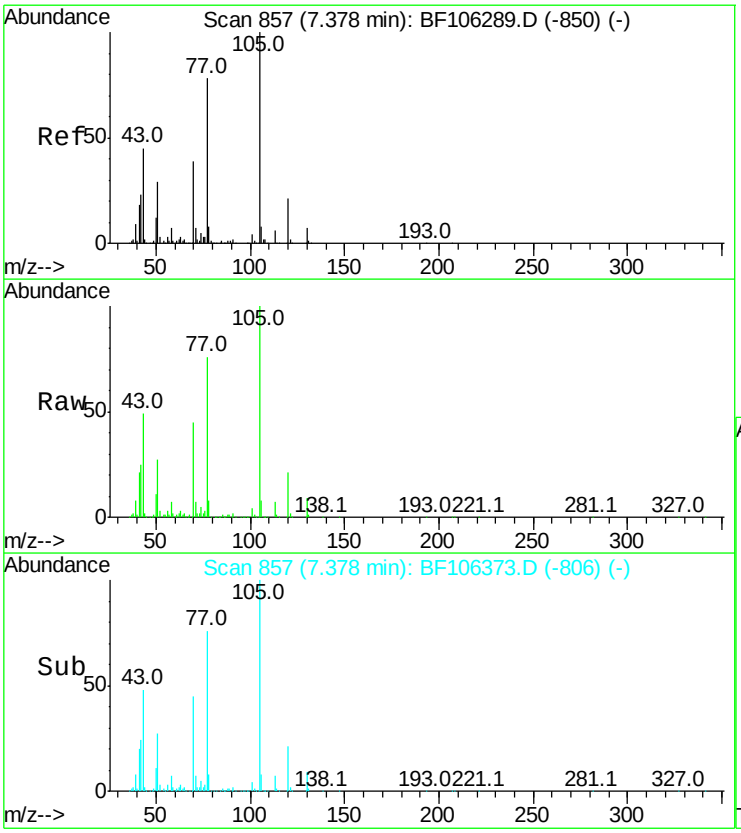
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 383045

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	6.9	5.0	7.4

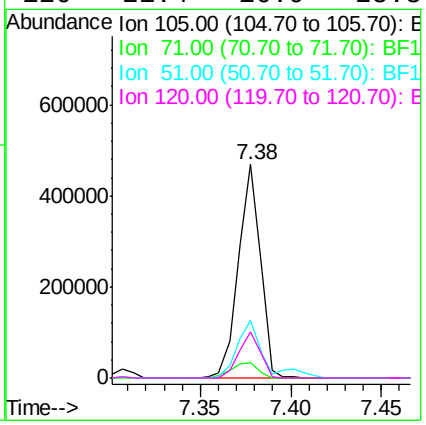


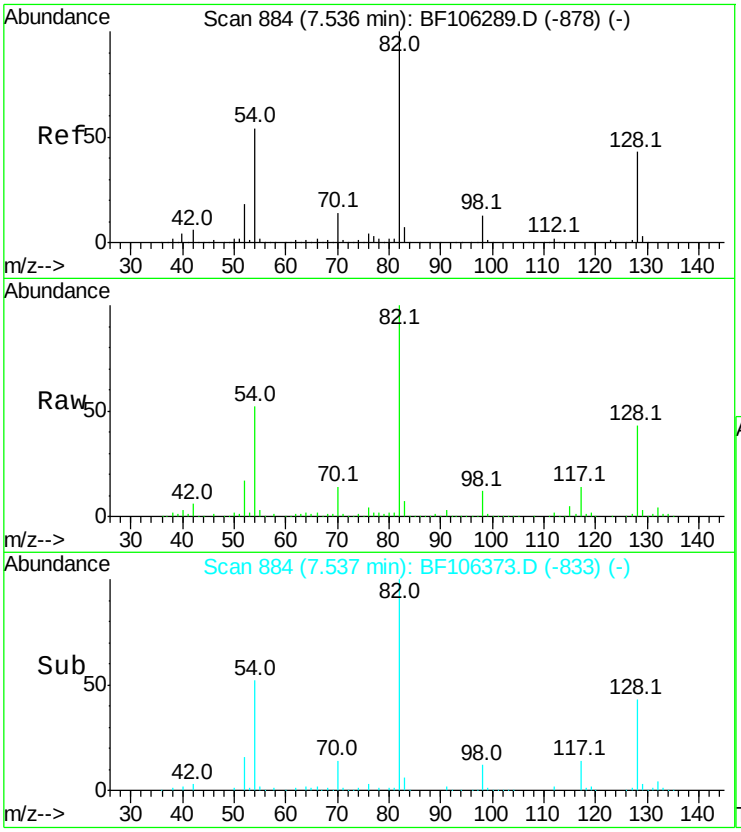


#22
Acetophenone
Concen: 40.939 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:105 Resp: 395185

Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.4	6.6#
51	27.0	22.3	33.5
120	21.4	16.9	25.3



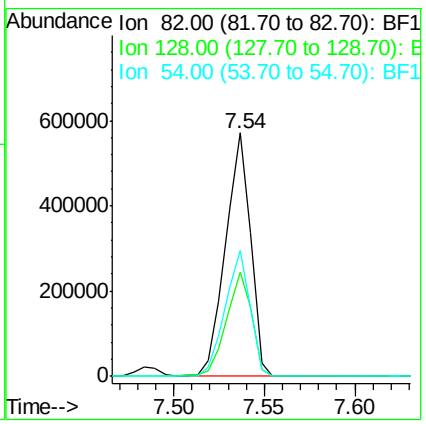


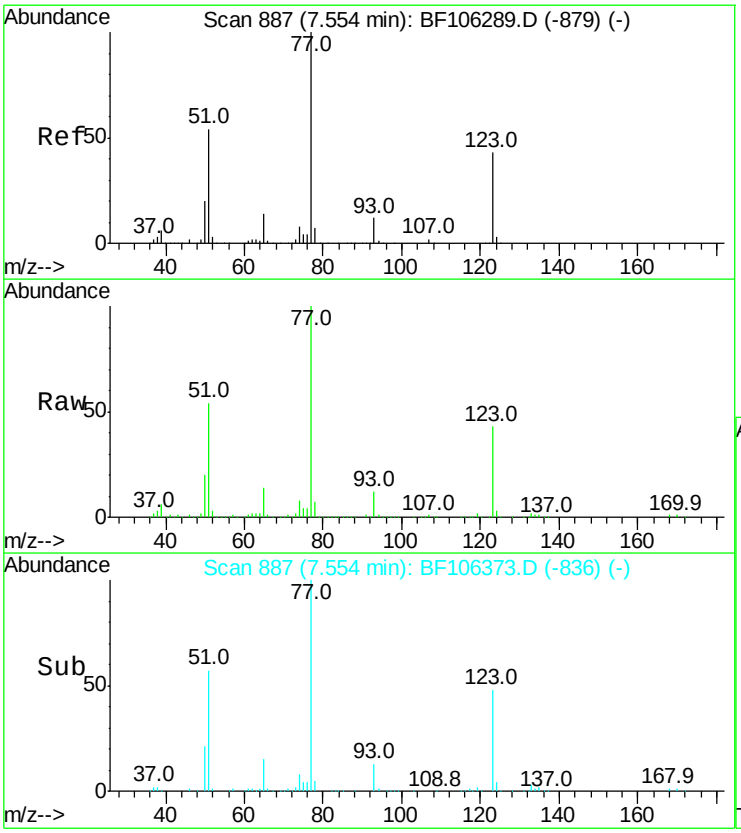
#23
Nitrobenzene-d5
Concen: 84.248 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 548557

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	51.9	41.4	62.2

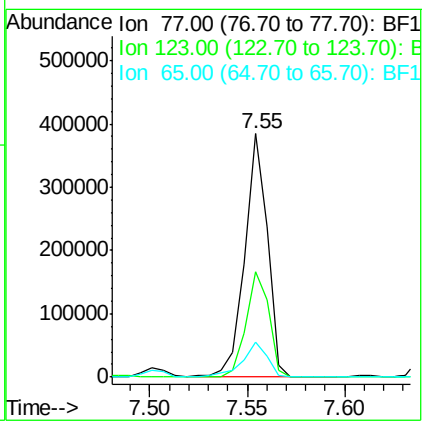


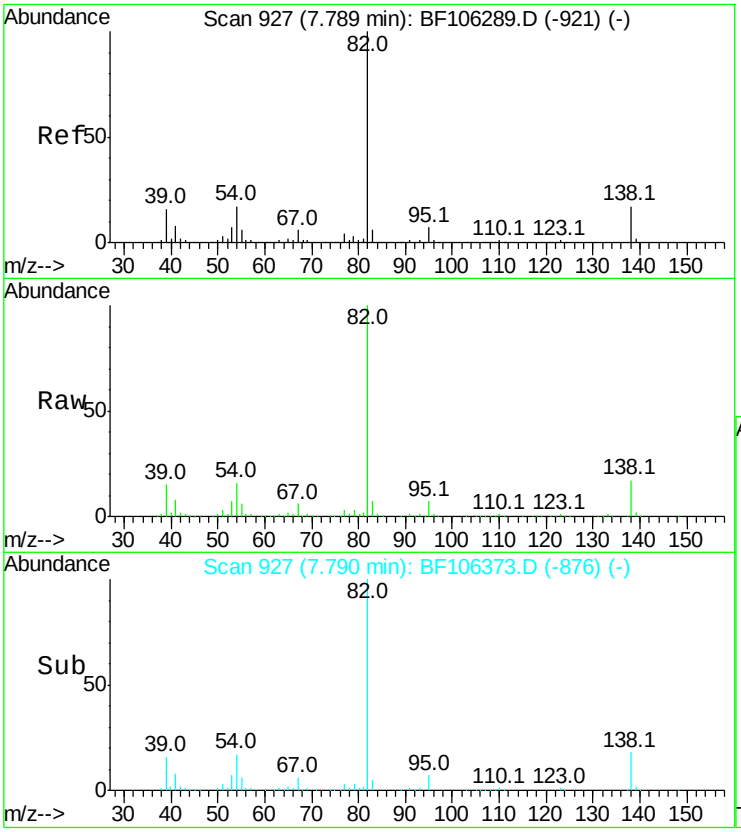


#24
Nitrobenzene
Concen: 43.753 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 77 Resp: 309642

Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.9	56.9
65	14.2	11.0	16.4



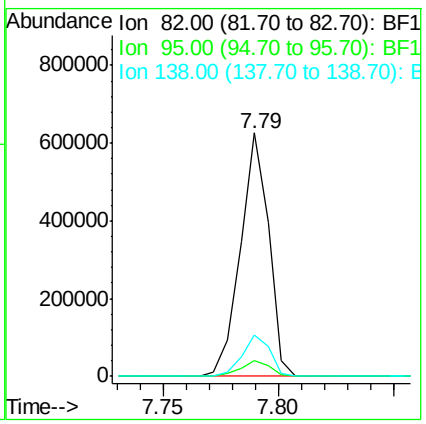


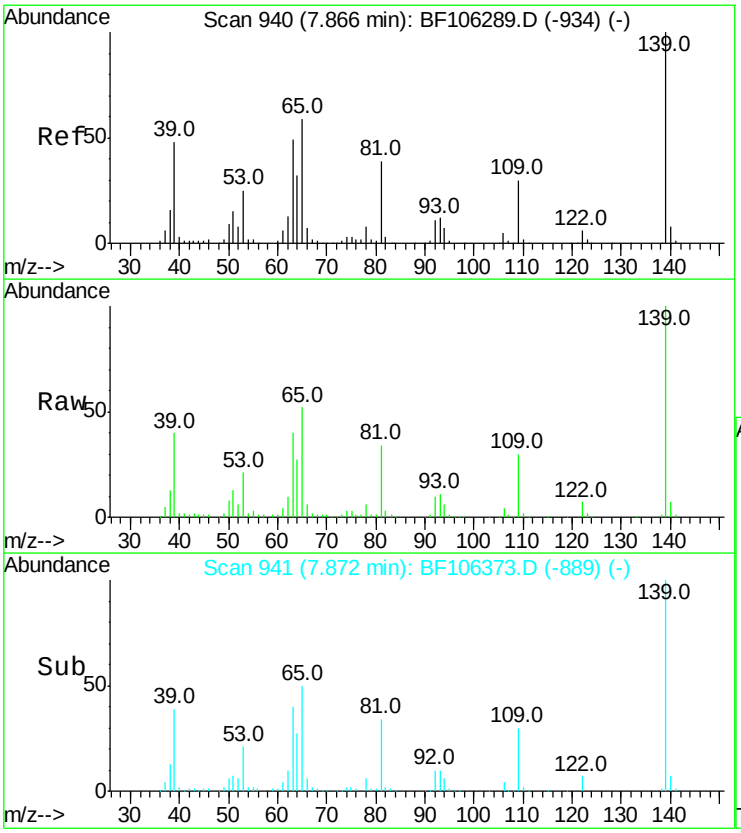
#25
Isophorone
Concen: 42.230 ng
RT: 7.79 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 537071

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.0	14.9	22.3

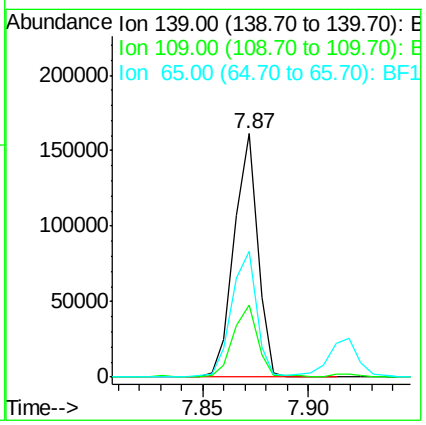


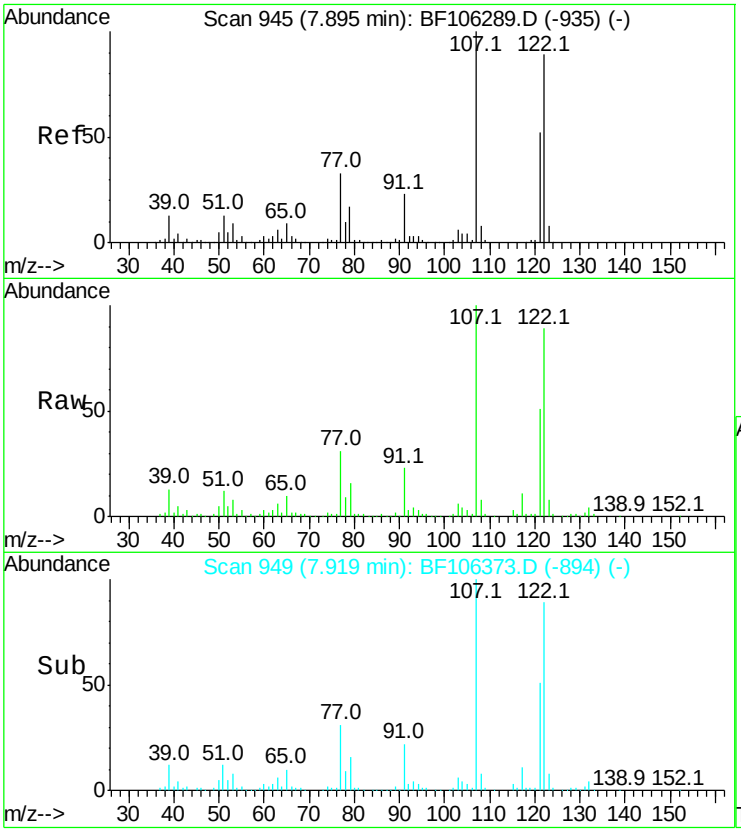


#26
2-Nitrophenol
Concen: 45.320 ng
RT: 7.87 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:139 Resp: 124491

Ion	Ratio	Lower	Upper
139	100		
109	29.6	22.7	34.1
65	51.9	40.5	60.7



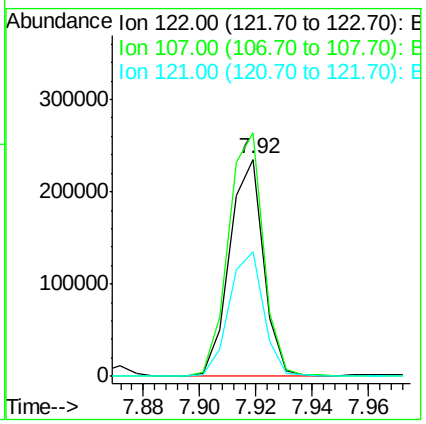


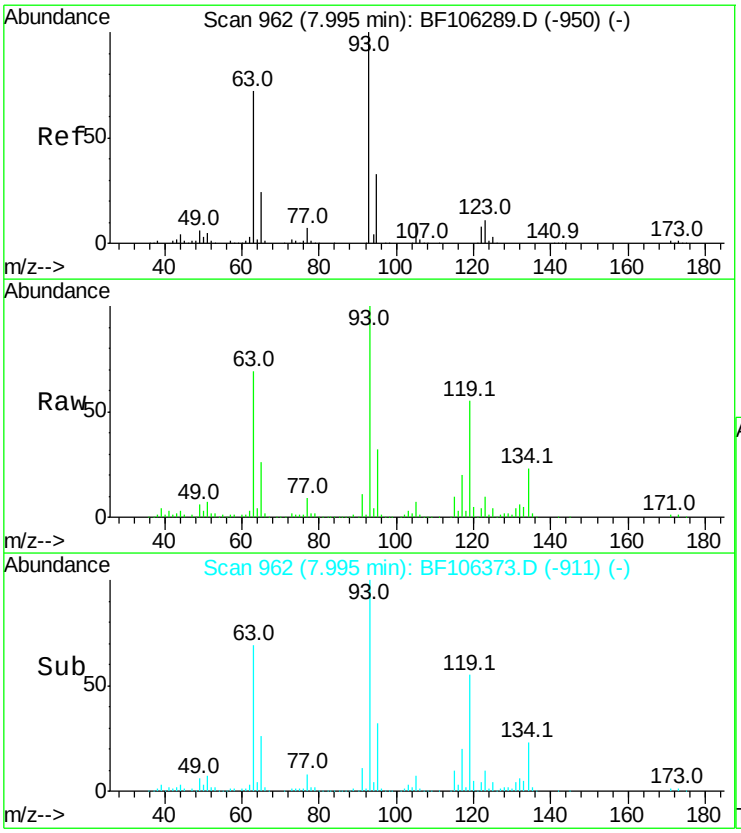
#27
2,4-Dimethylphenol
Concen: 36.533 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 196695

Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	57.3	47.2	70.8

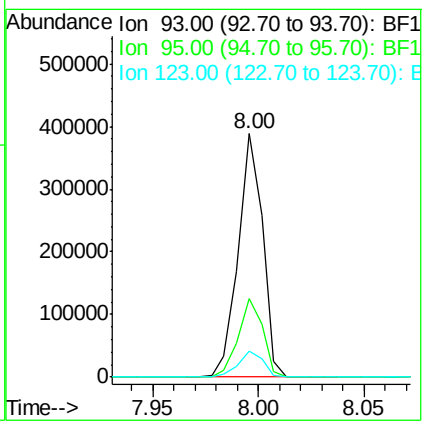


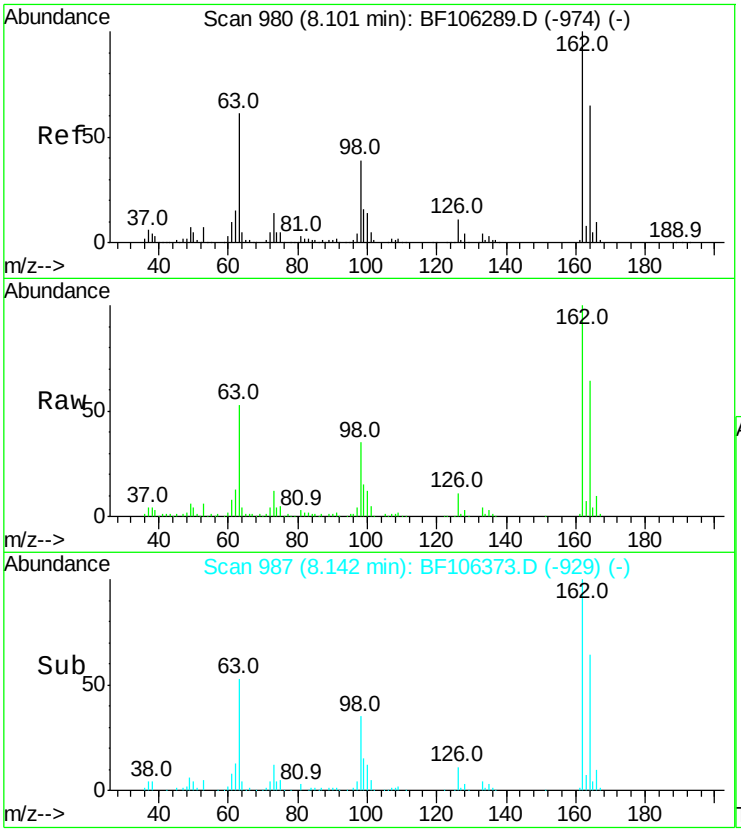


#28
bis(2-Chloroethoxy)methane
Concen: 37.694 ng
RT: 8.00 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 93 Resp: 310841

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	10.5	9.8	14.6



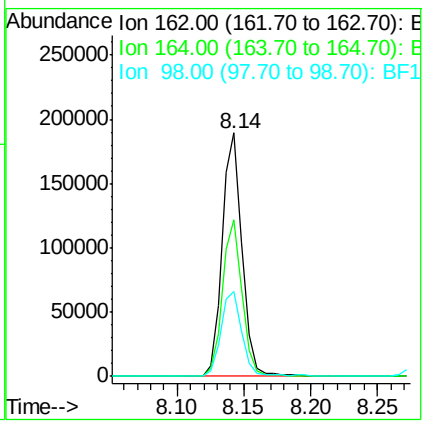


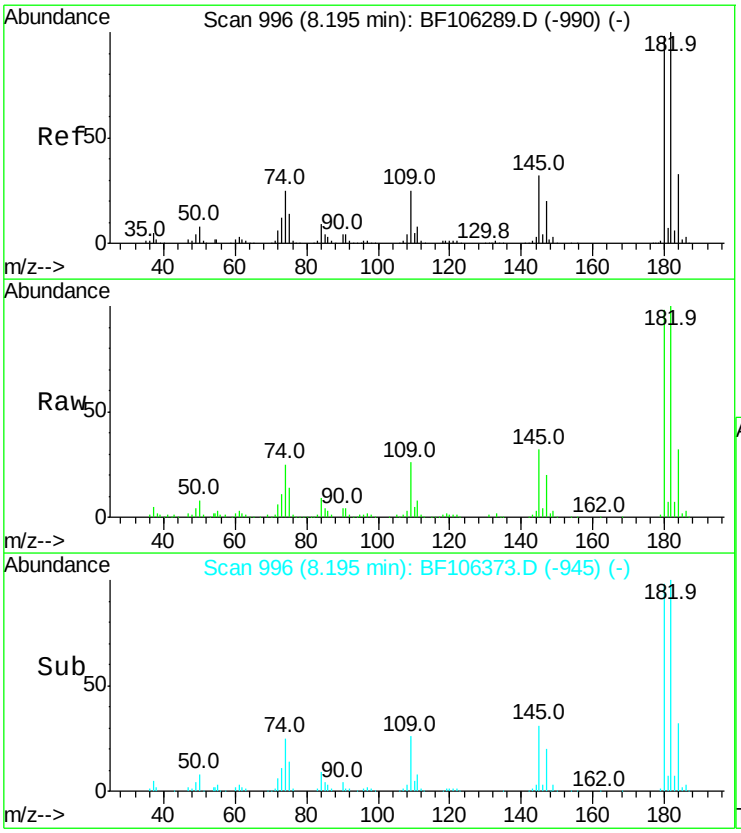
#29
2,4-Dichlorophenol
Concen: 38.520 ng
RT: 8.14 min Scan# 987
Delta R.T. 0.04 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 200081

Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	34.7	18.1	58.1

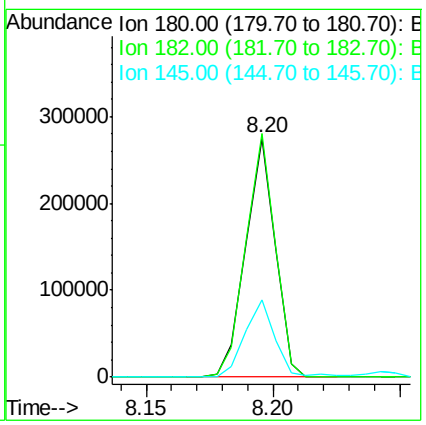


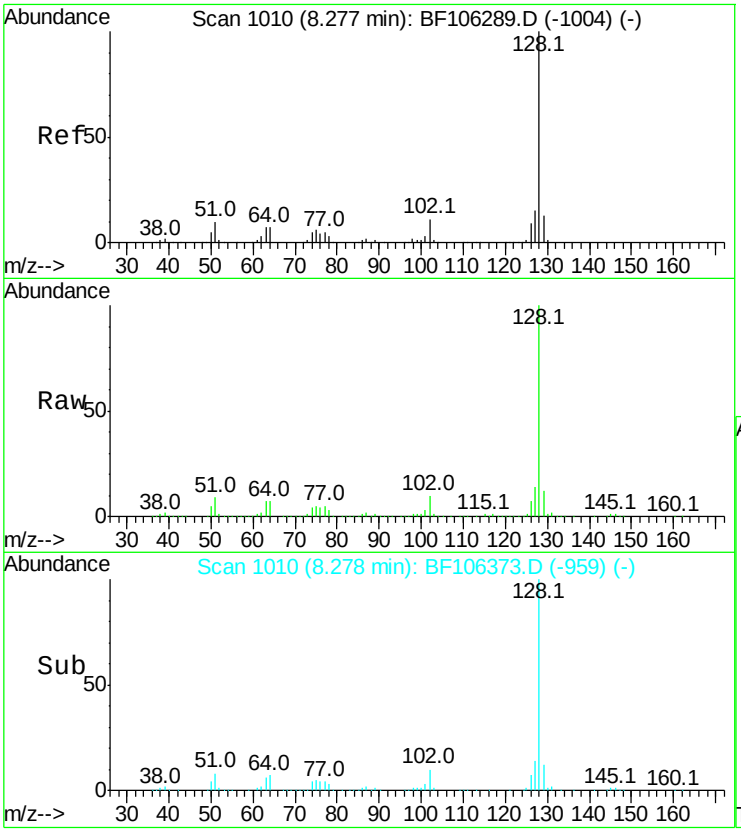


#30
1,2,4-Trichlorobenzene
Concen: 38.400 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:180 Resp: 223645

Ion	Ratio	Lower	Upper
180	100		
182	102.0	76.8	115.2
145	32.2	26.5	39.7



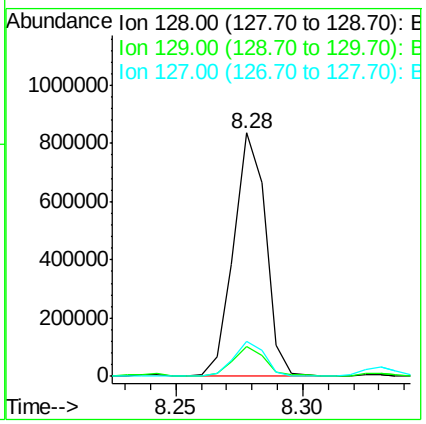


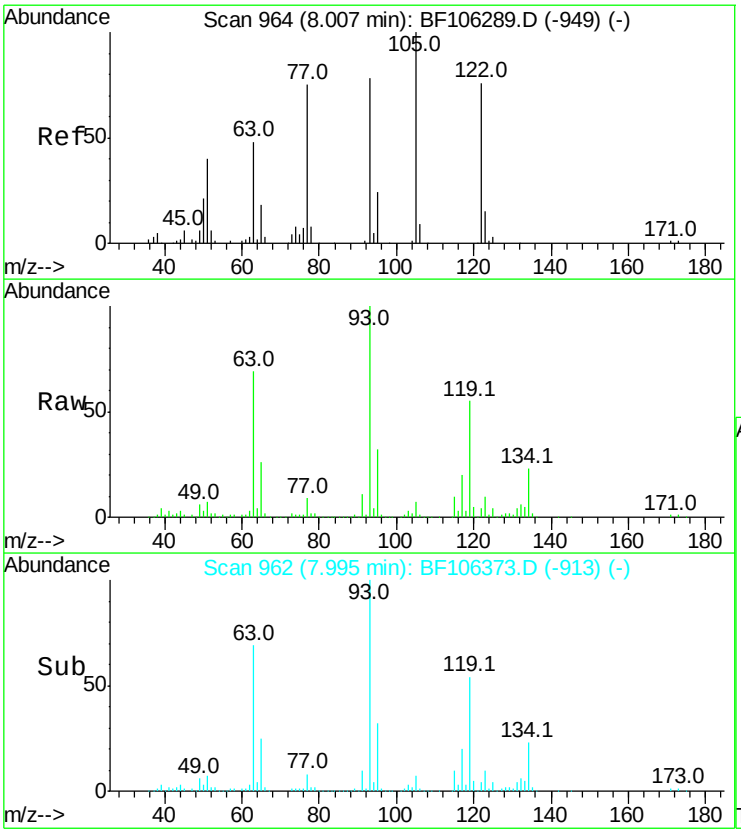
#31
Naphthalene
Concen: 42.234 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 731304

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	14.3	10.9	16.3

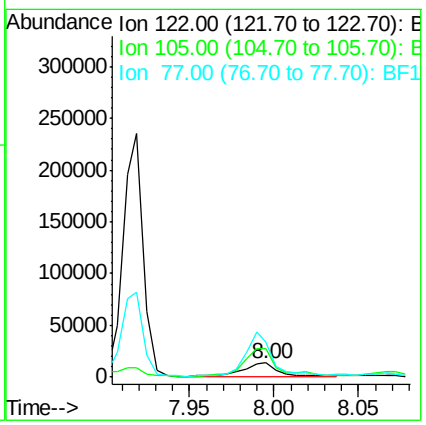


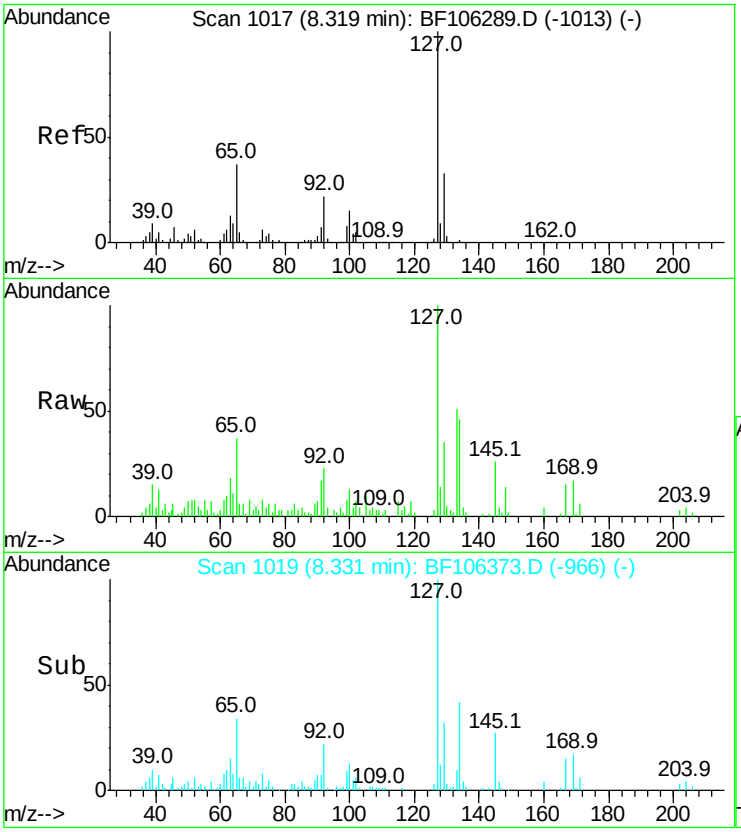


#32
Benzoic acid
Concen: 11.393 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:122 Resp: 19214

Ion	Ratio	Lower	Upper
122	100		
105	203.3	101.1	141.1#
77	245.7	70.7	110.7#



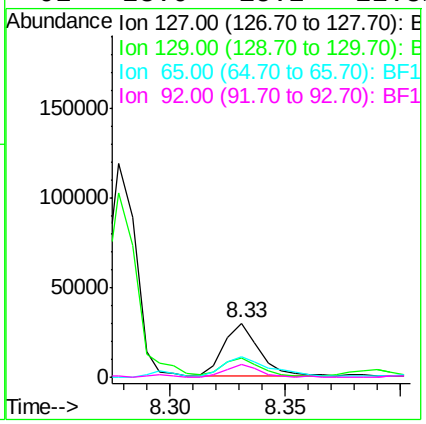


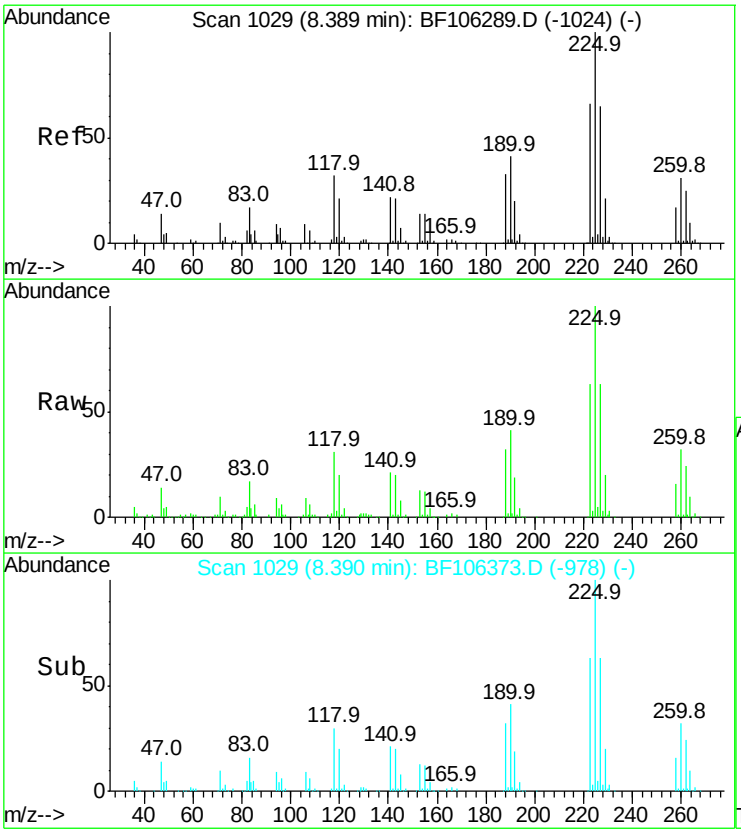
#33
4-Chloroaniline
Concen: 4.136 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 31738

Ion	Ratio	Lower	Upper
127	100		
129	34.7	25.9	38.9
65	36.9	25.0	37.4
92	23.0	15.2	22.8#

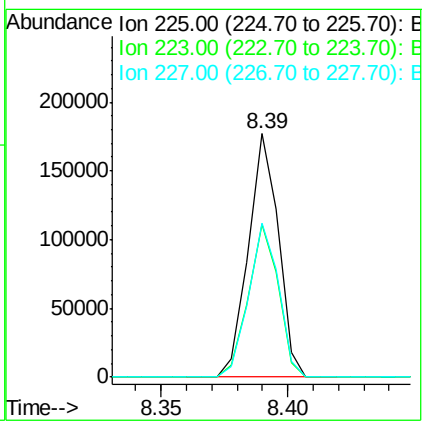


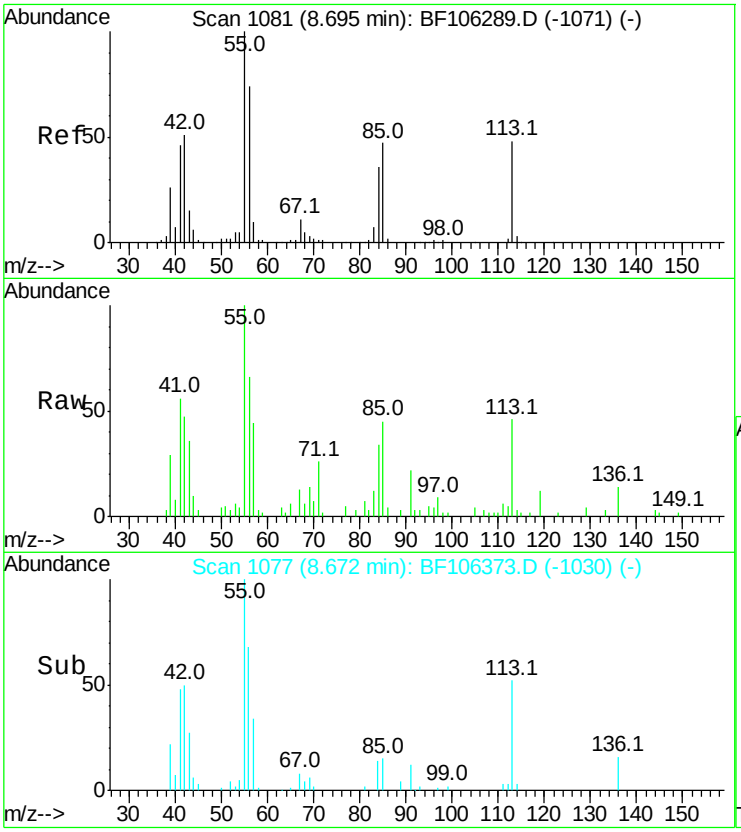


#34
Hexachlorobutadiene
Concen: 39.101 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:225 Resp: 146300

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.2	51.9	77.9



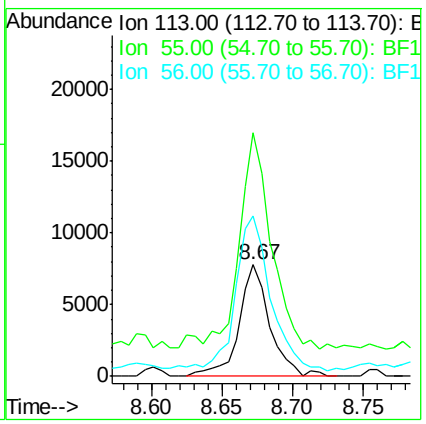


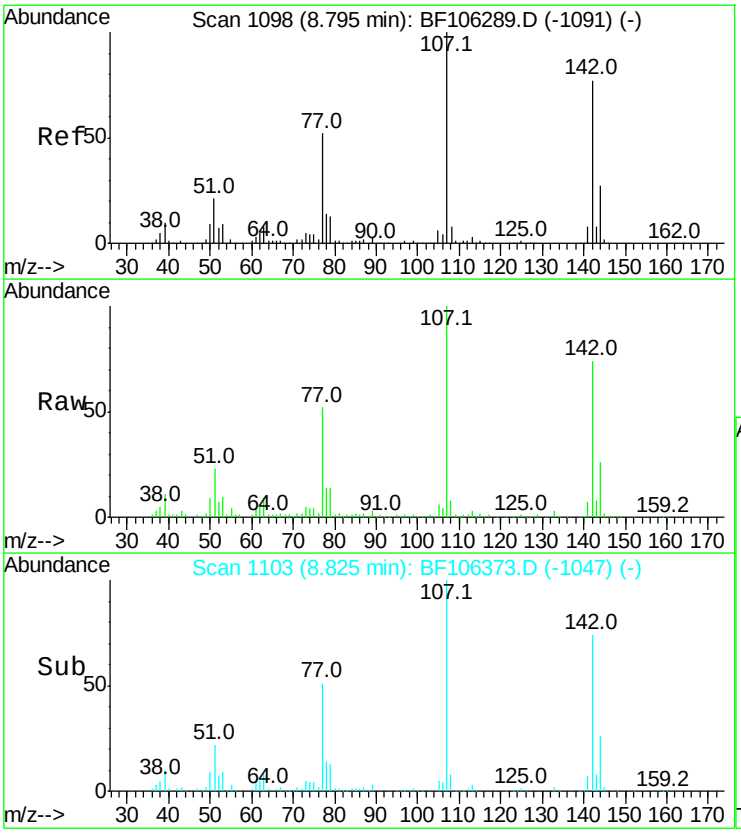
#35
Caprolactam
Concen: 6.783 ng
RT: 8.67 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 11918

Ion	Ratio	Lower	Upper
113	100		
55	218.6	163.3	203.3#
56	144.3	115.7	155.7

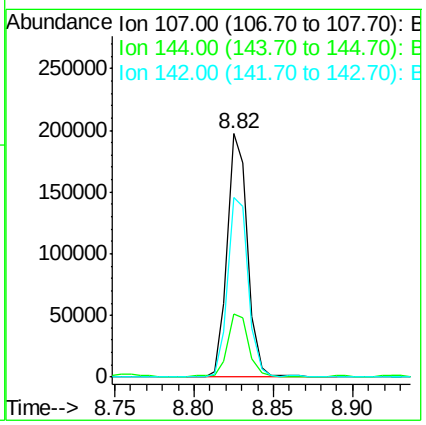


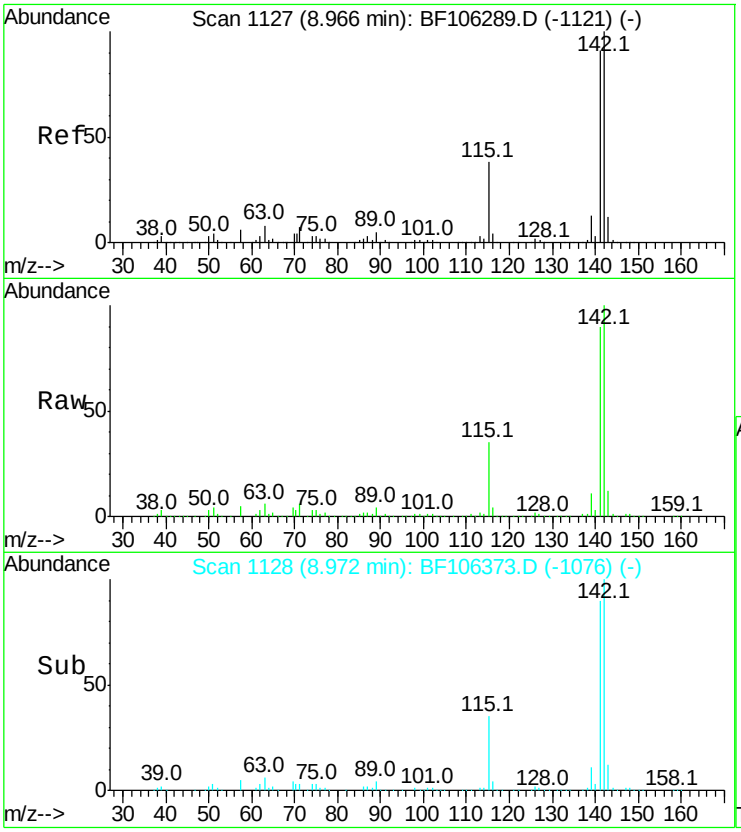


#36
4-Chloro-3-methylphenol
Concen: 30.694 ng
RT: 8.82 min Scan# 1103
Delta R.T. 0.03 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:107 Resp: 176355

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	73.7	62.0	93.0

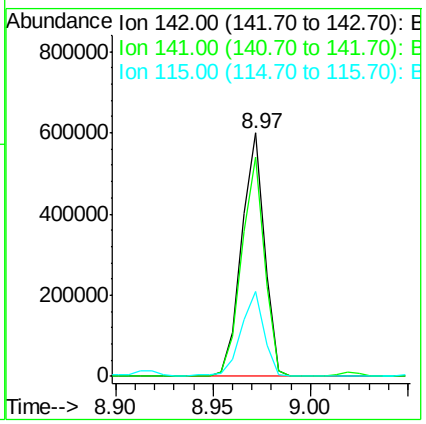




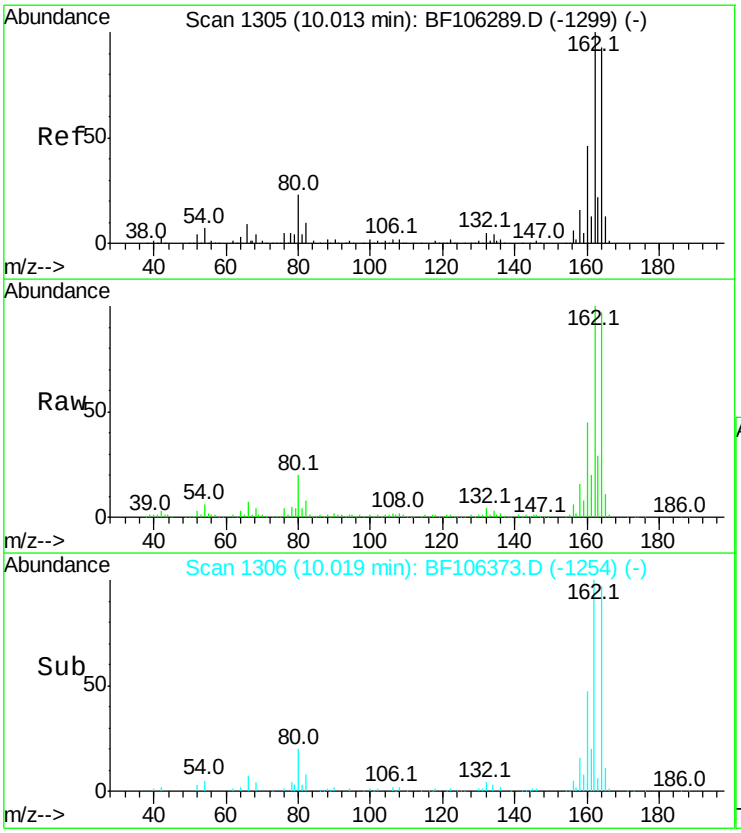
#37
2-Methylnaphthalene
Concen: 41.598 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:142 Resp: 490599

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	34.6	26.1	39.1



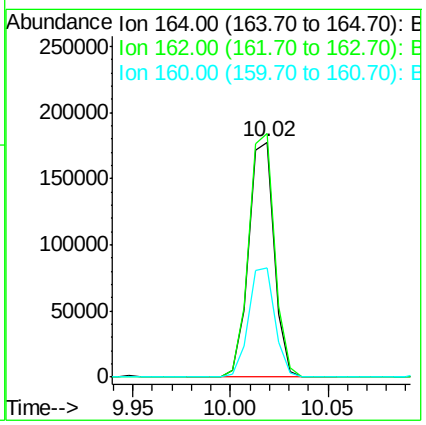
Instrument :
BNA_F
ClientSampleId :

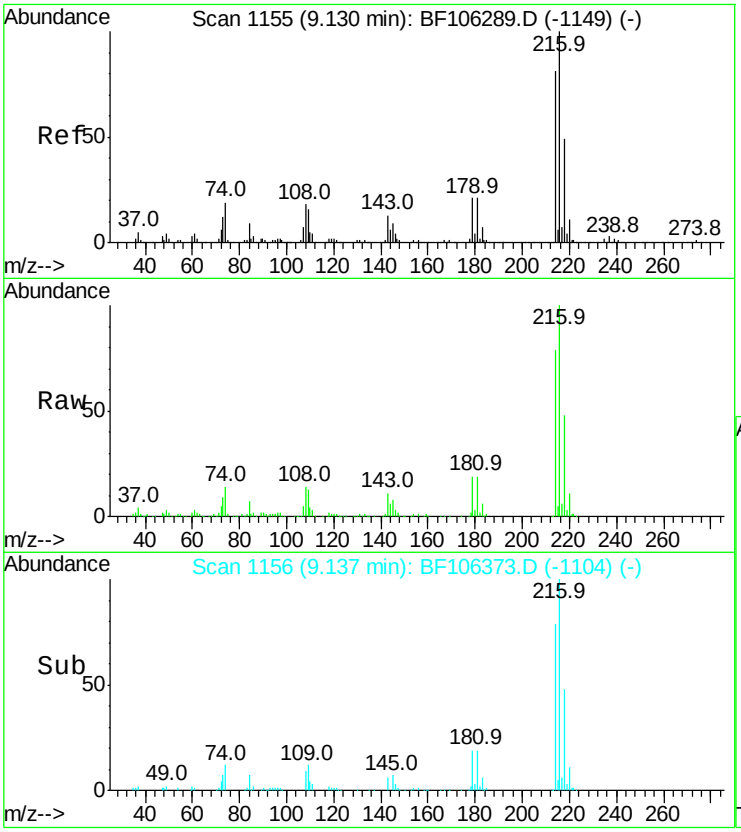


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:164 Resp: 161632

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.6	38.3	57.5



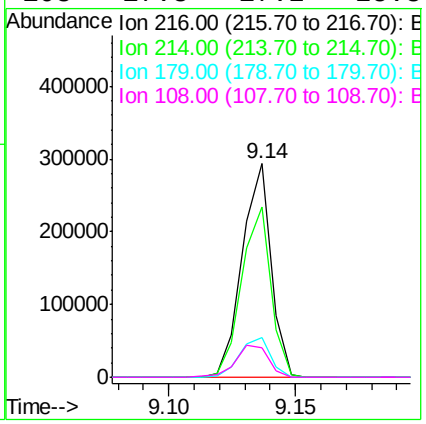


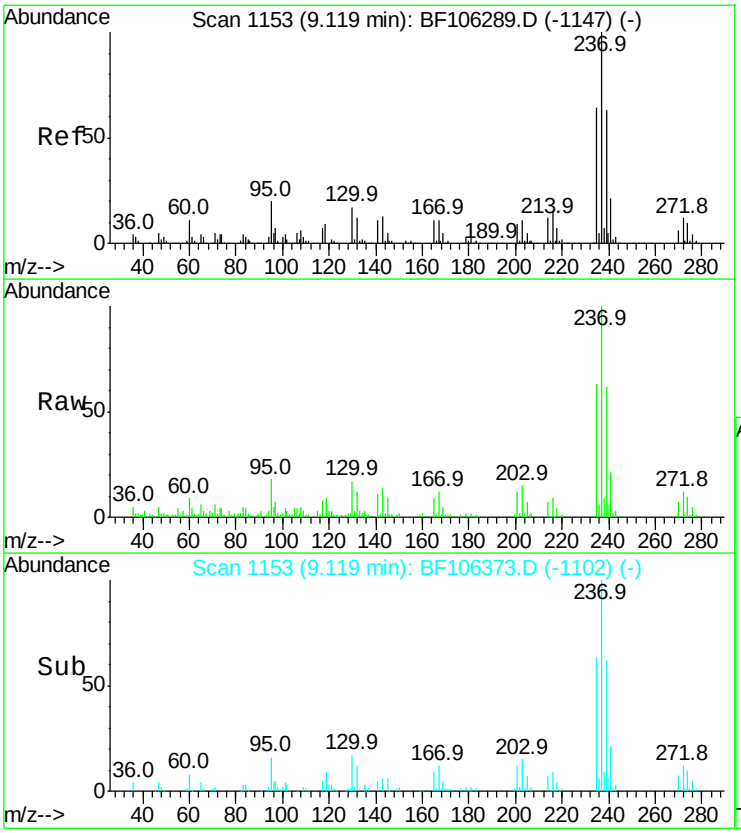
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.460 ng
RT: 9.14 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 233282

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	19.7	18.1	27.1
108	17.3	17.2	25.8

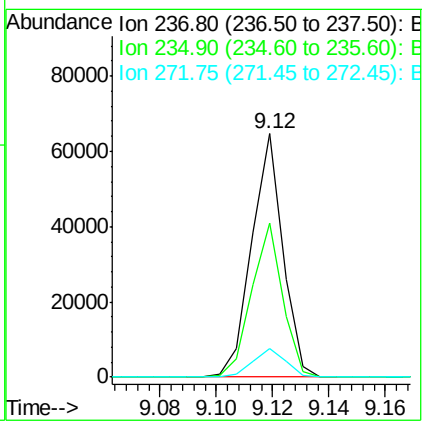


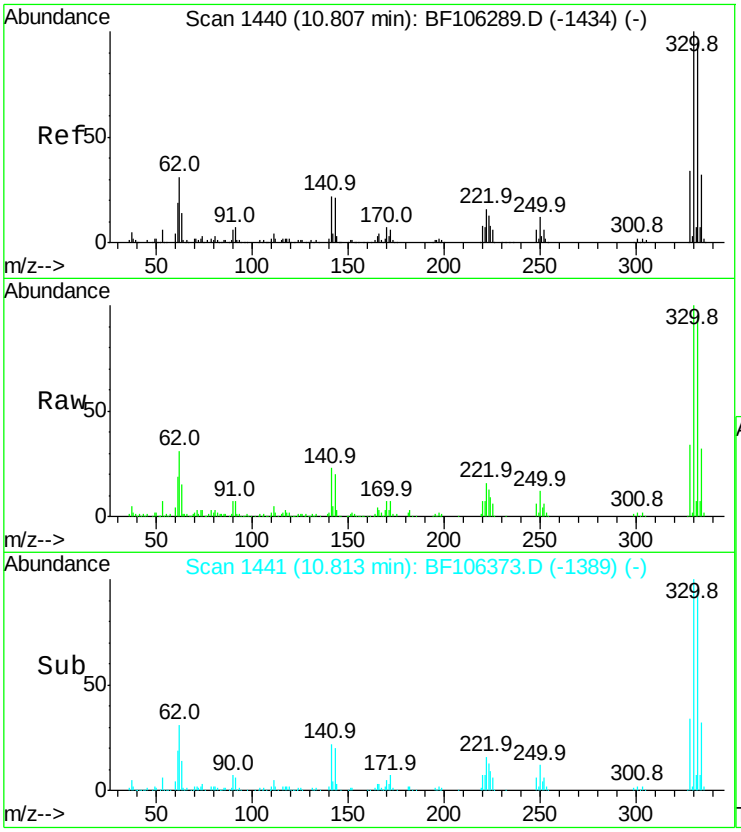


#40
Hexachlorocyclopentadiene
Concen: 17.116 ng
RT: 9.12 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:237 Resp: 49549

Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	11.8	0.0	33.3



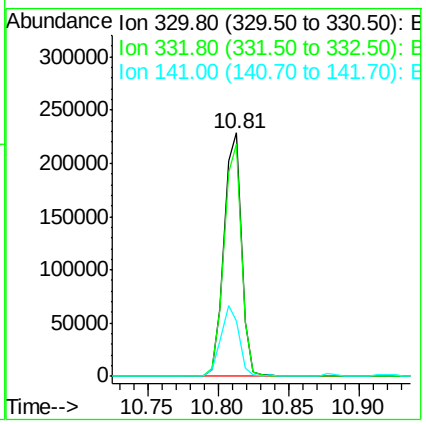


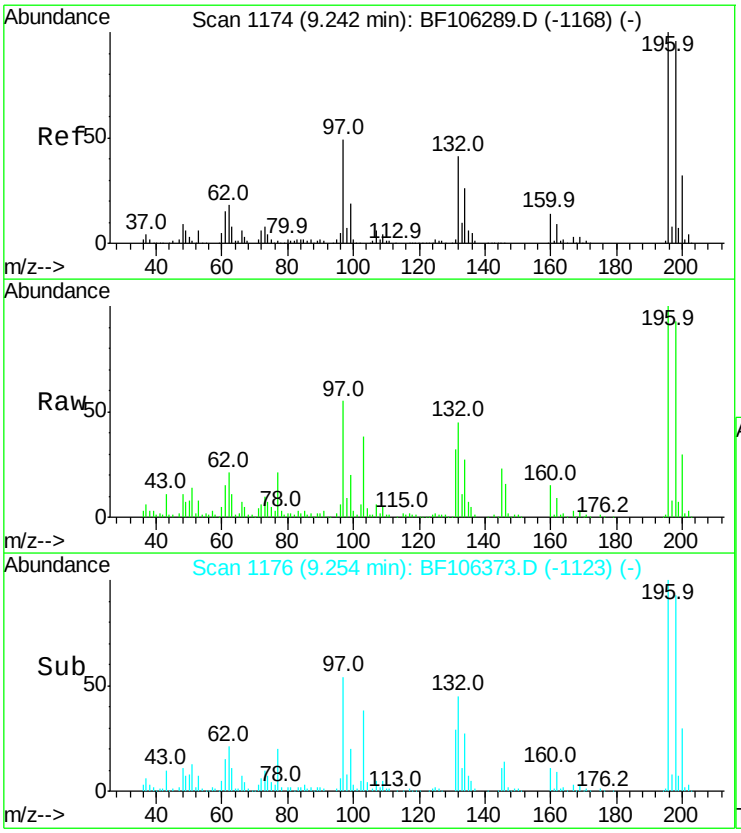
#41
2,4,6-Tribromophenol
Concen: 127.761 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 198691

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.6	29.9	44.9#

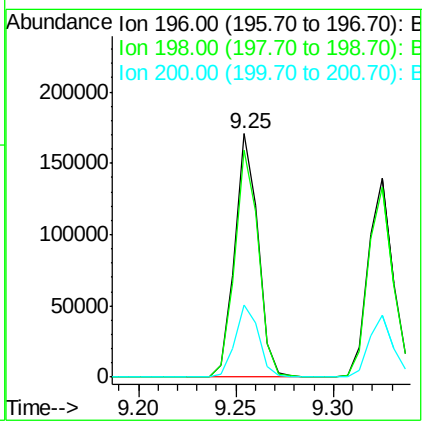


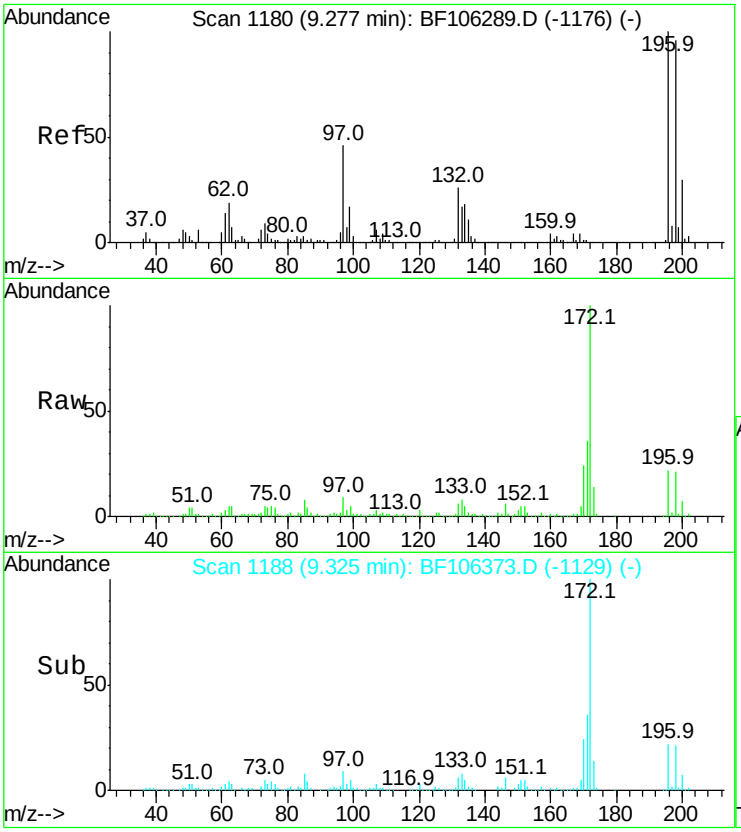


#42
2,4,6-Trichlorophenol
Concen: 42.249 ng
RT: 9.25 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:196 Resp: 141272

Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	29.7	24.5	36.7



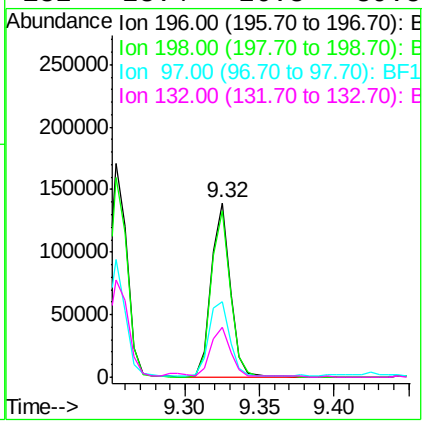


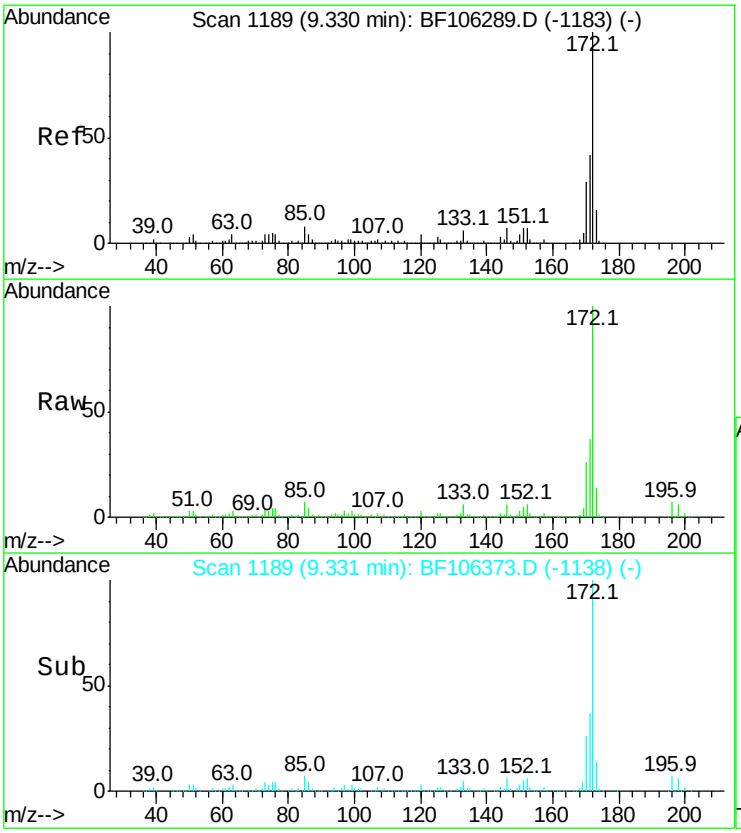
#43
2,4,5-Trichlorophenol
Concen: 34.596 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.05 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 124710

Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	43.4	42.9	64.3
132	28.4	26.3	39.5

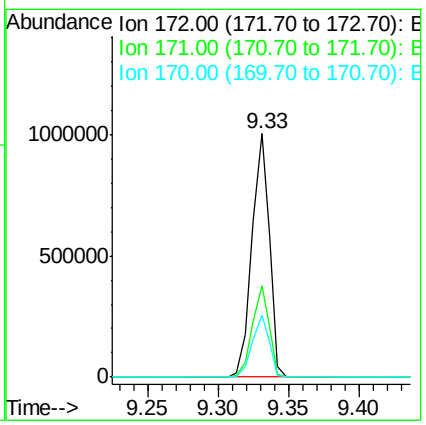


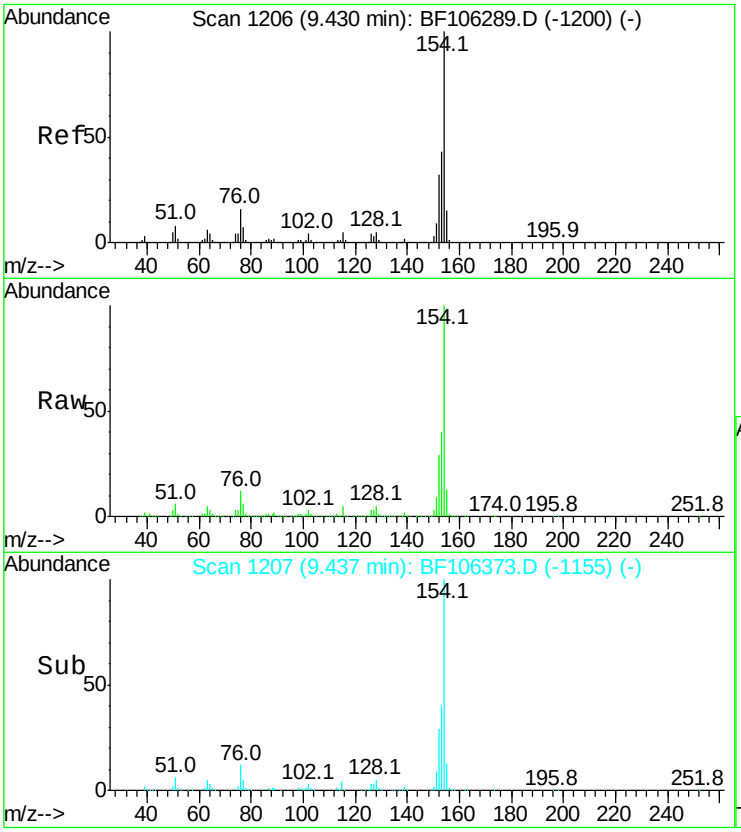


#44
2-Fluorobiphenyl
Concen: 101.817 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:172 Resp: 871918

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.6	19.6	29.4



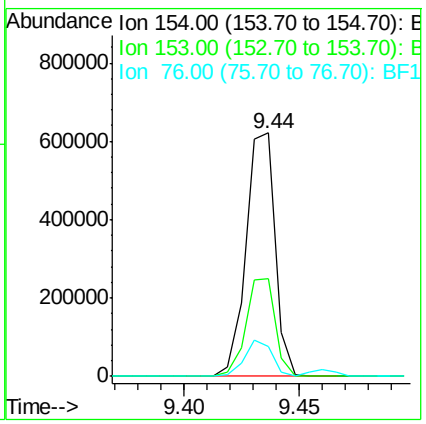


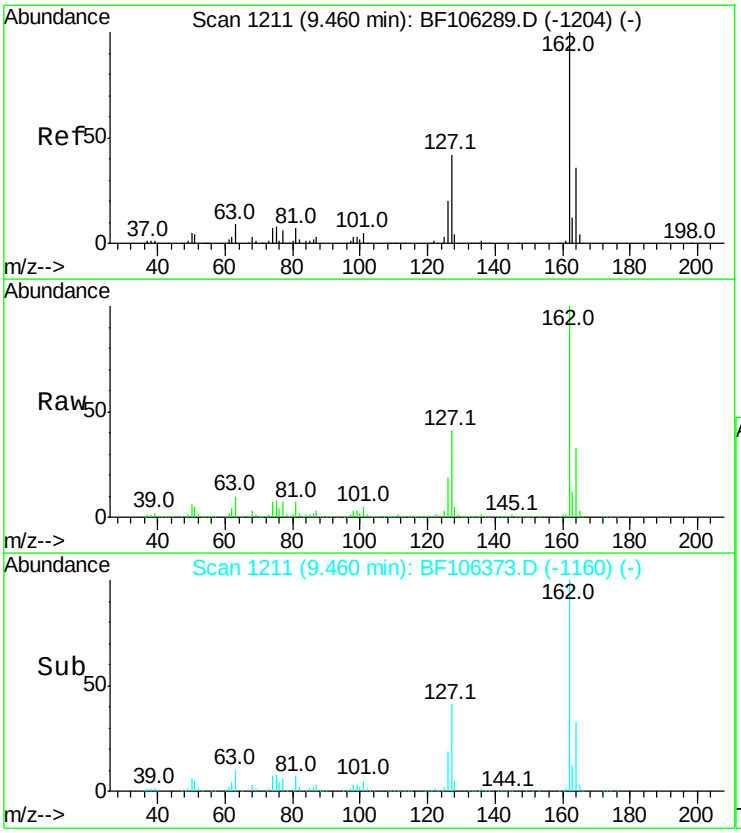
#45
1,1'-Biphenyl
Concen: 43.886 ng
RT: 9.44 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 549422

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	12.3	0.0	34.0

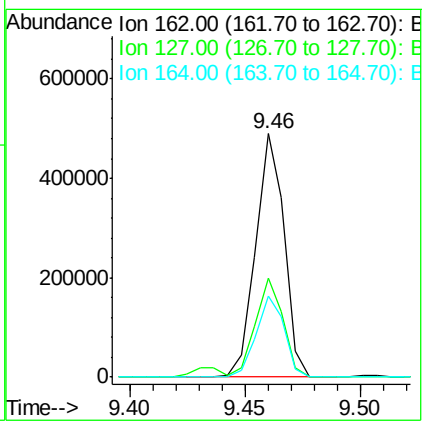


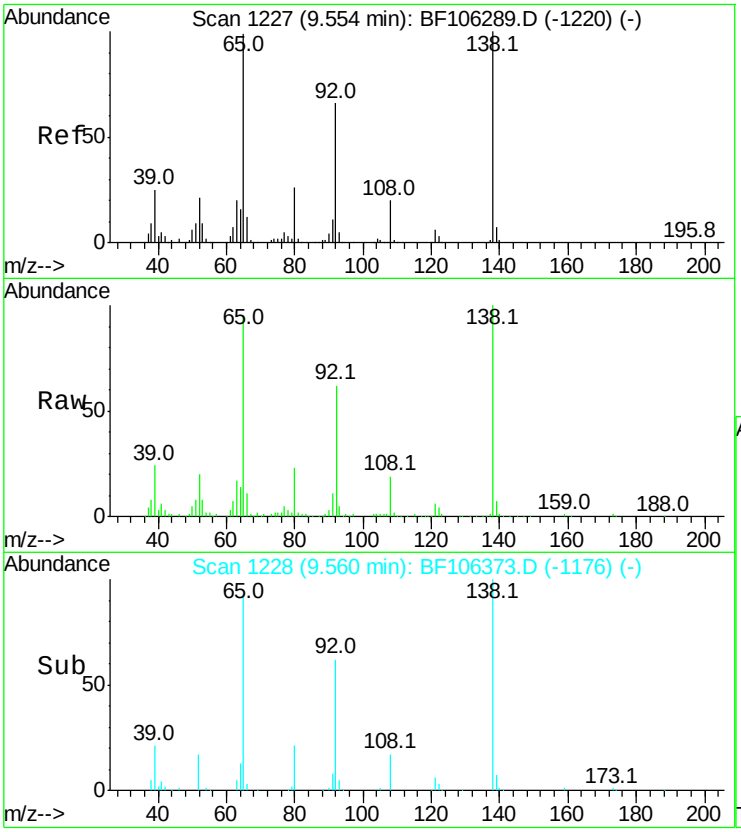


#46
2-Chloronaphthalene
Concen: 42.154 ng
RT: 9.46 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:162 Resp: 422329

Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	33.3	26.5	39.7

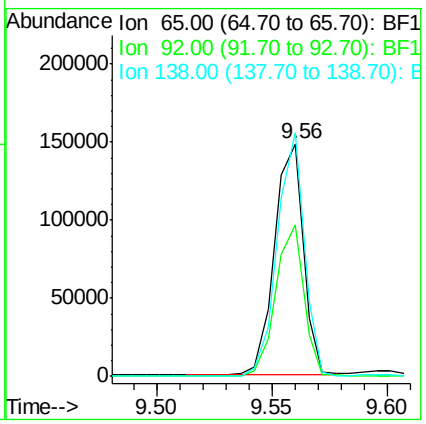




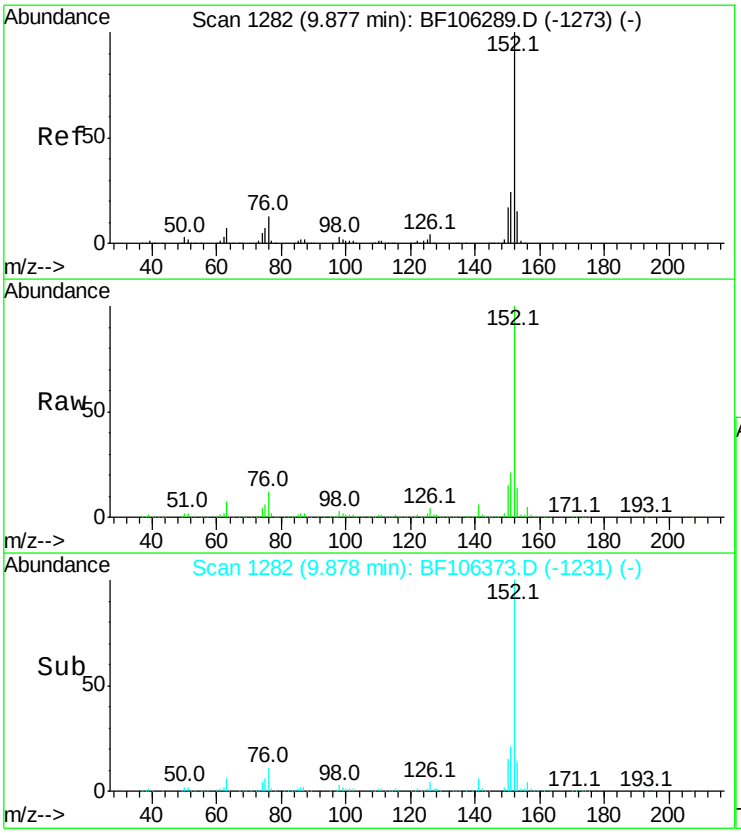
#47
2-Nitroaniline
Concen: 40.855 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 65 Resp: 128762

Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.8	83.6
138	104.9	91.2	136.8



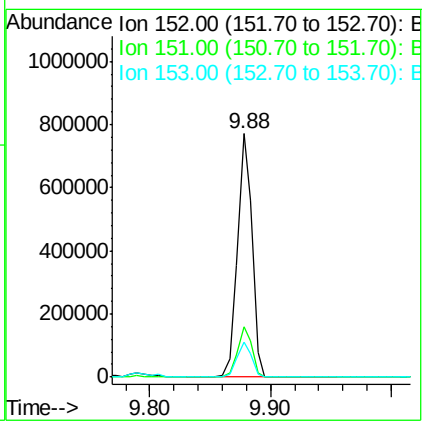
Instrument :
BNA_F
ClientSampleId :

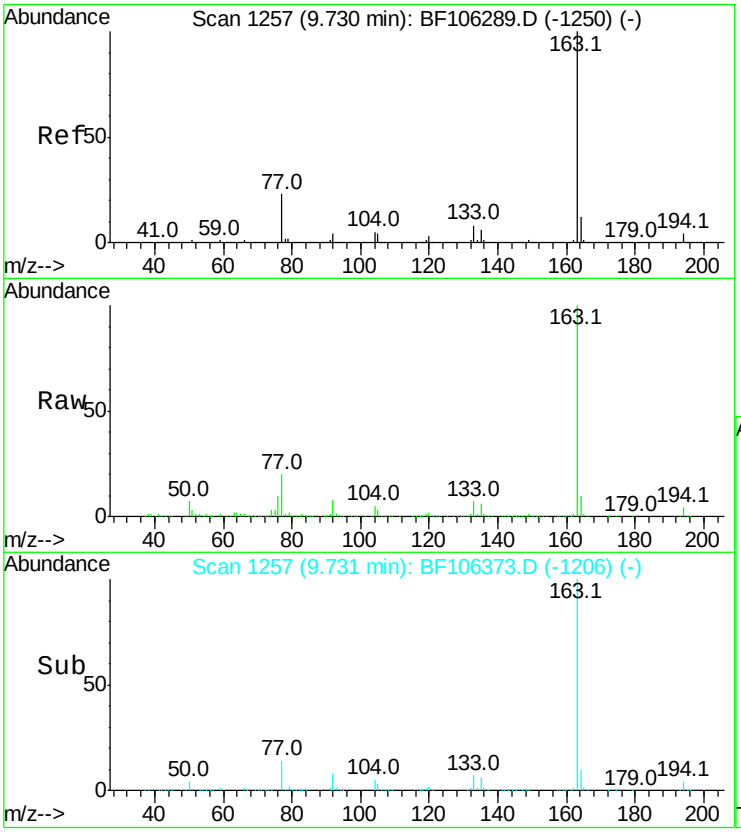


#48
Acenaphthylene
Concen: 42.412 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:152 Resp: 650381

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.3	10.7	16.1



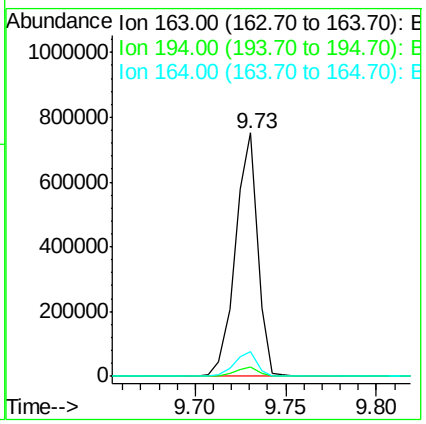


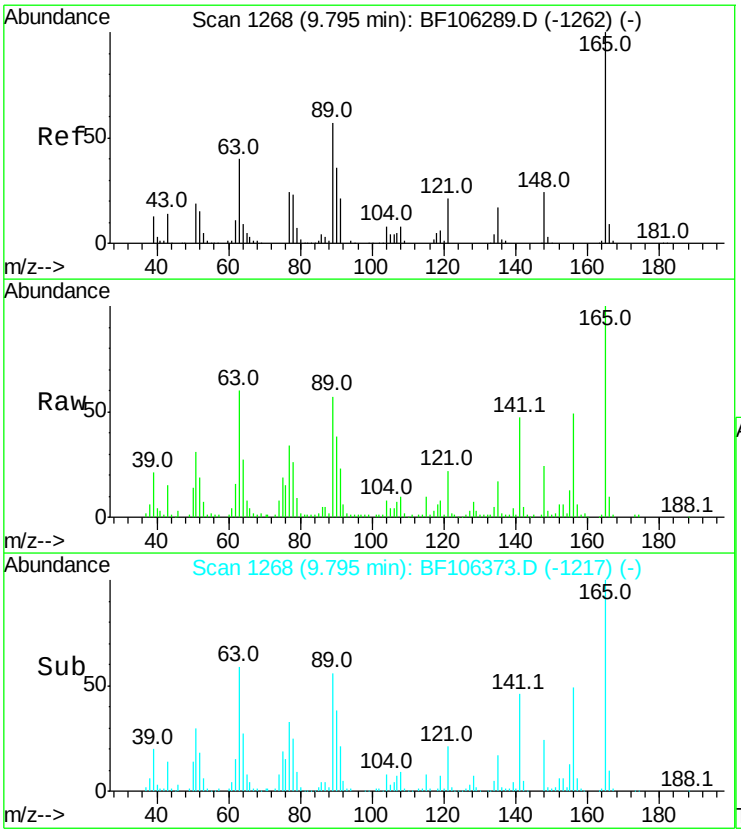
#49
Dimethylphthalate
Concen: 55.256 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 638075

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2

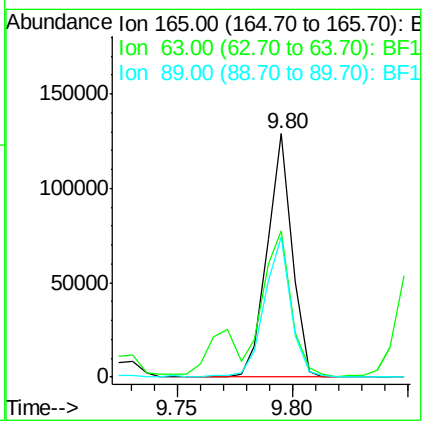


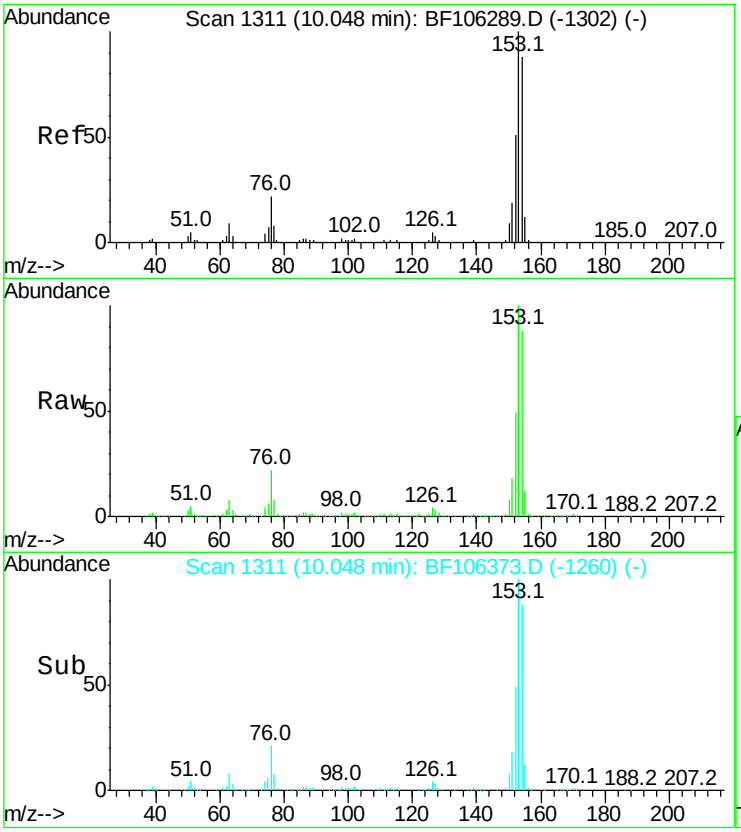


#50
2,6-Dinitrotoluene
Concen: 40.915 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:165 Resp: 96510

Ion	Ratio	Lower	Upper
165	100		
63	60.4	44.7	67.1
89	57.4	44.0	66.0



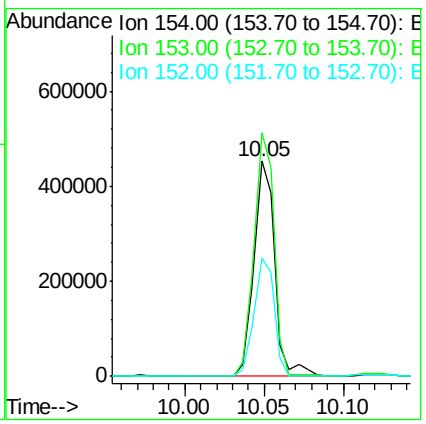


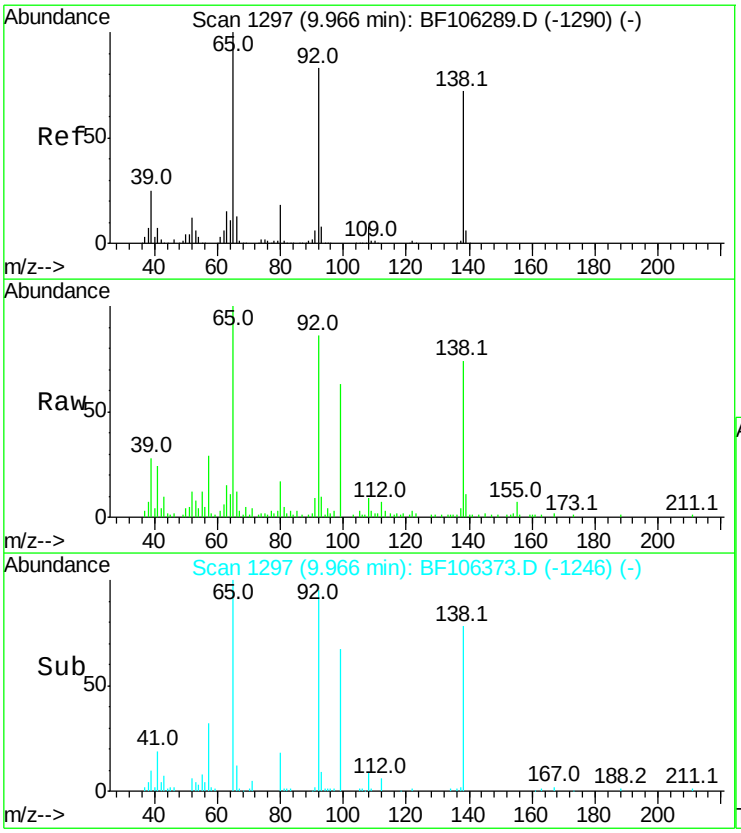
#51
Acenaphthene
Concen: 41.957 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 415519

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	55.2	43.8	65.8

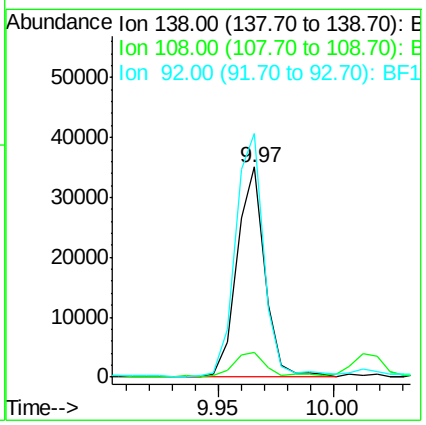


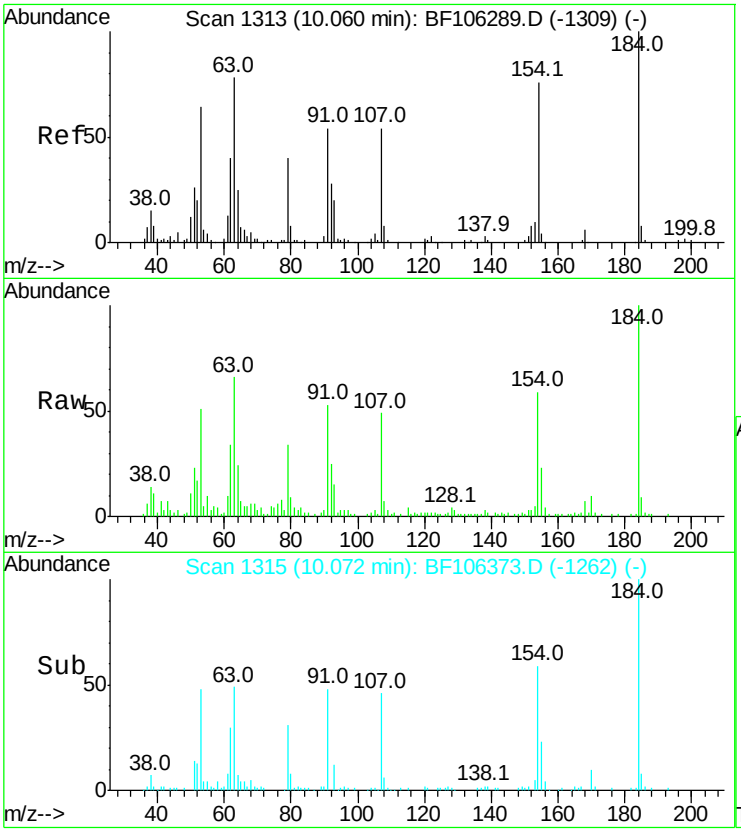


#52
3-Nitroaniline
Concen: 10.594 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:138 Resp: 29659

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.4	14.0
92	116.1	89.4	134.2



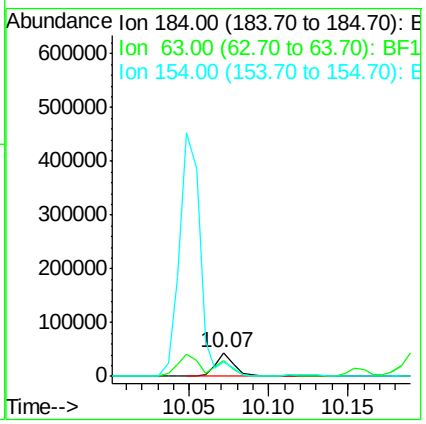


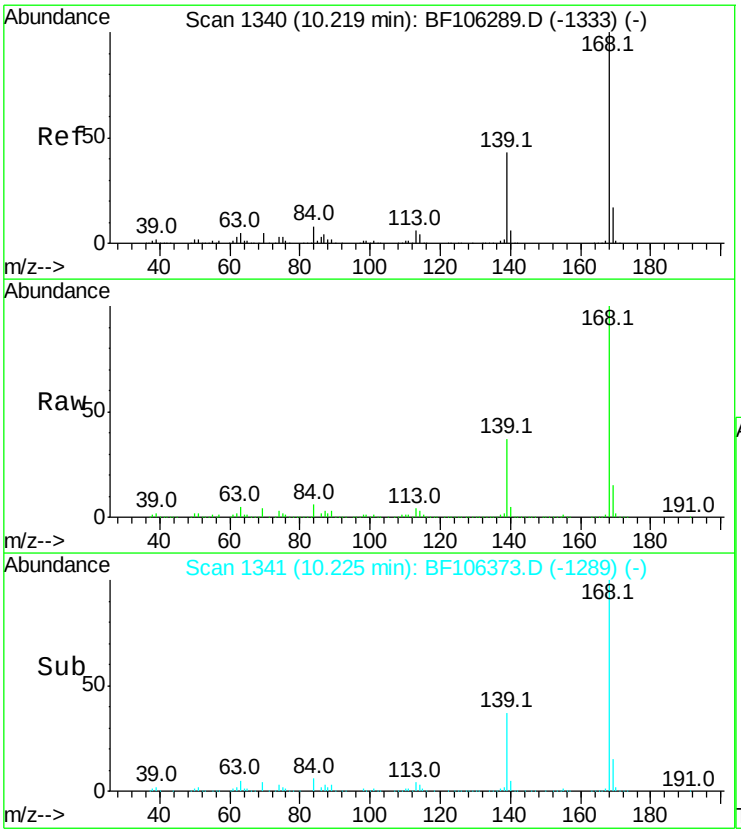
#53
2,4-Dinitrophenol
Concen: 38.255 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 35974

Ion	Ratio	Lower	Upper
184	100		
63	65.9	54.2	81.2
154	59.4	184.0	276.0#

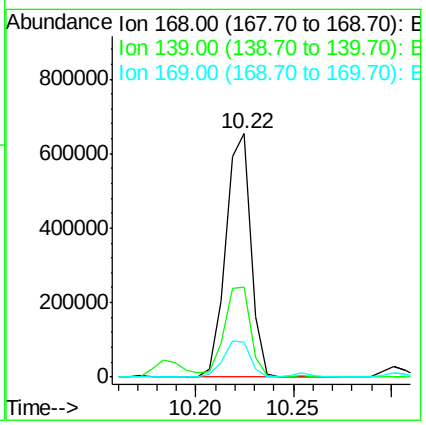


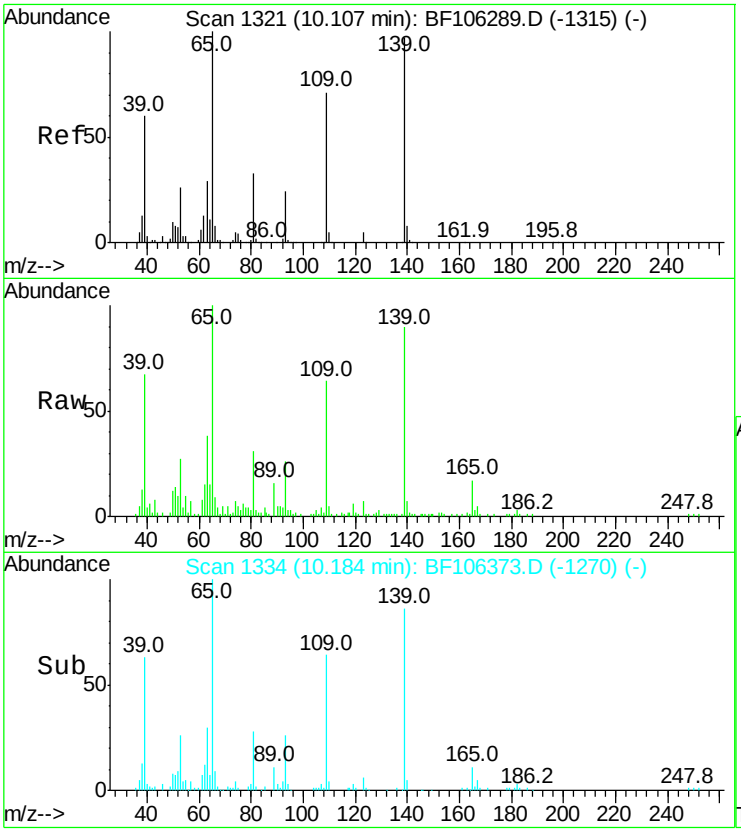


#54
Dibenzofuran
Concen: 43.516 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:168 Resp: 580322

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	14.6	10.9	16.3



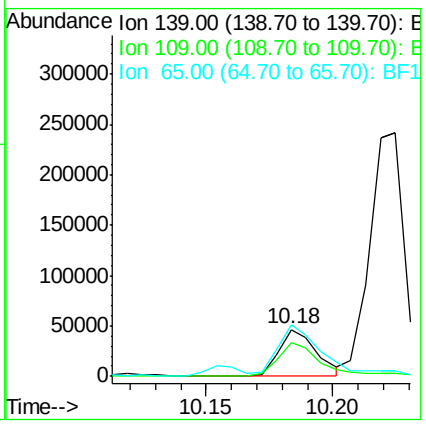


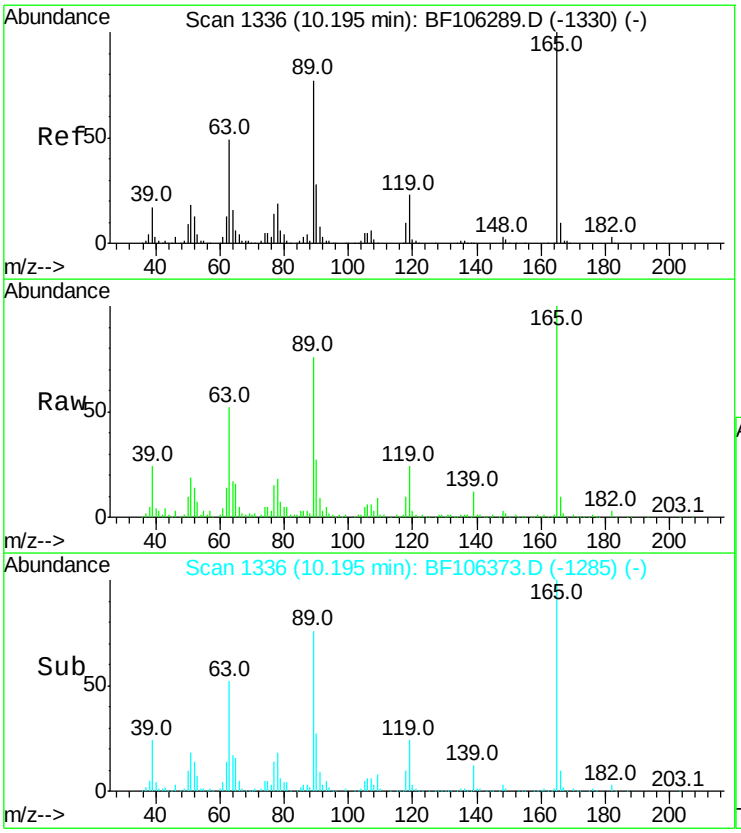
#55
4-Nitrophenol
Concen: 22.300 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.08 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 47853

Ion	Ratio	Lower	Upper
139	100		
109	70.7	48.4	88.4
65	110.7	72.6	112.6

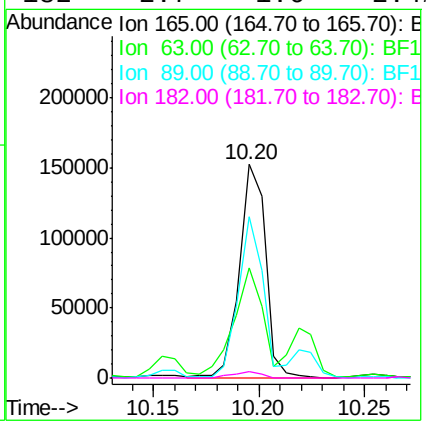


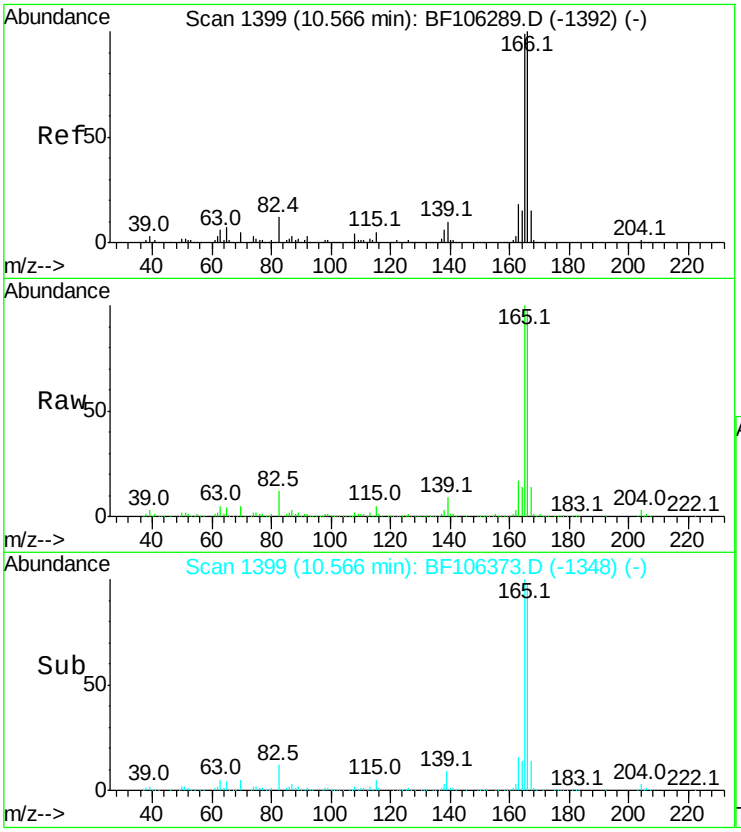


#56
2,4-Dinitrotoluene
Concen: 43.759 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:165 Resp: 129620

Ion	Ratio	Lower	Upper
165	100		
63	51.9	36.4	54.6
89	75.8	57.8	86.6
182	2.7	1.6	2.4#



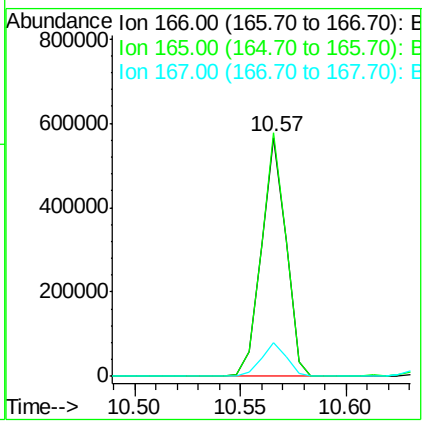


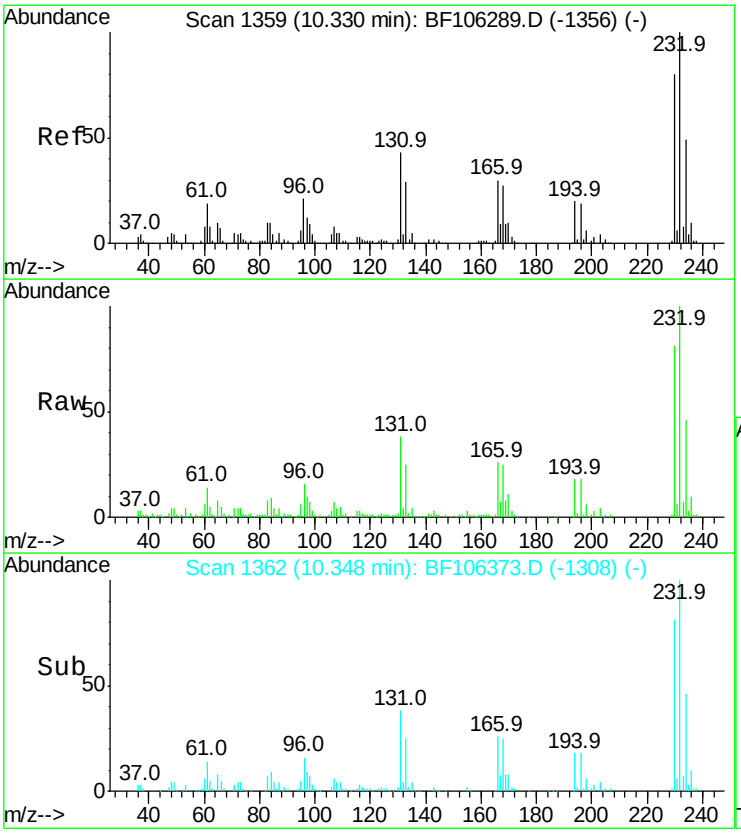
#57
Fluorene
Concen: 43.606 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 460739

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	14.1	10.6	16.0

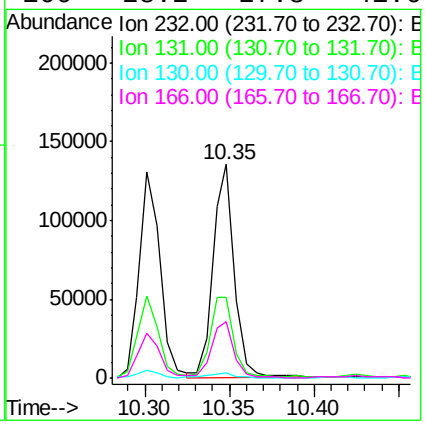


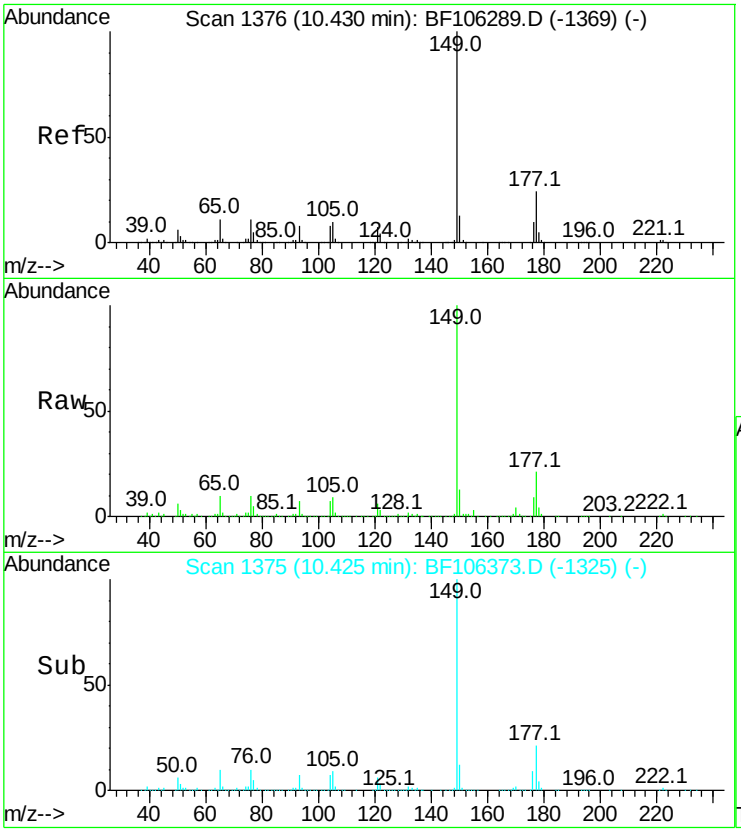


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.514 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:232 Resp: 118607

Ion	Ratio	Lower	Upper
232	100		
131	42.7	43.8	65.8#
130	3.1	2.1	3.1
166	28.2	27.8	41.6



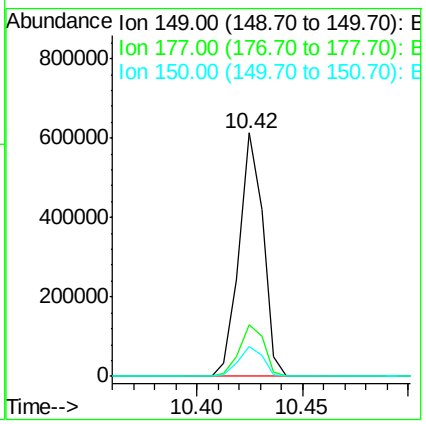


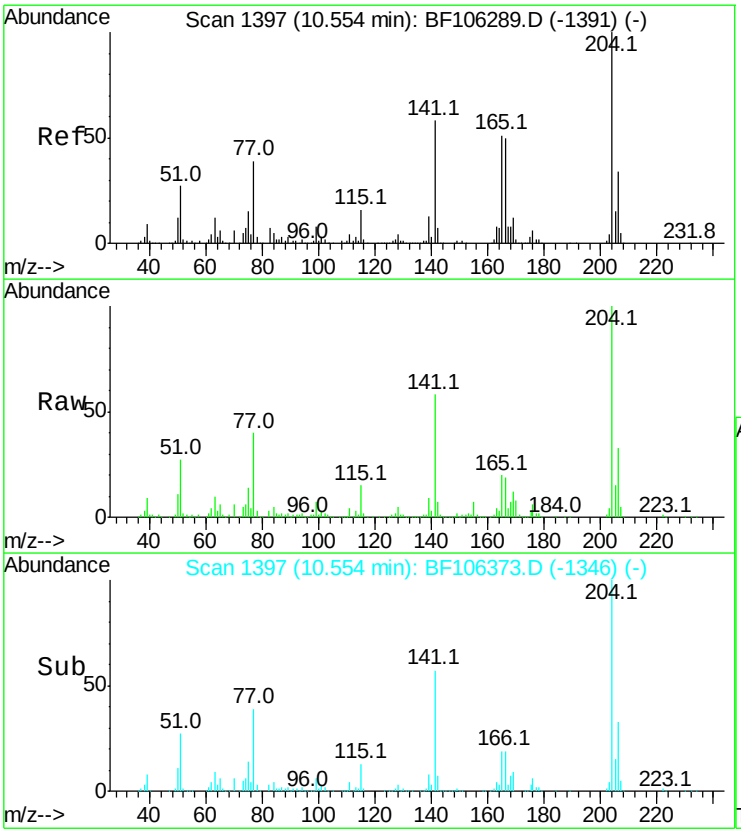
#59
Diethylphthalate
Concen: 41.926 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 480543

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.5	10.1	15.1

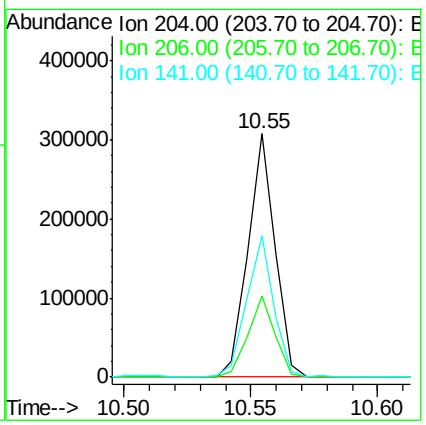


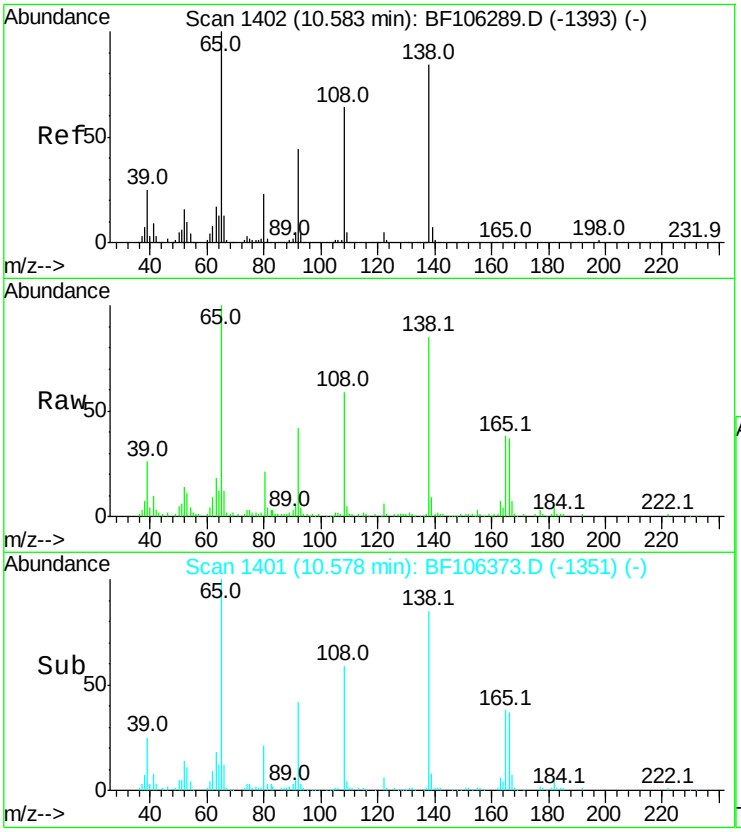


#60
4-Chlorophenyl-phenylether
Concen: 41.061 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:204 Resp: 228187

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	57.9	54.6	81.8



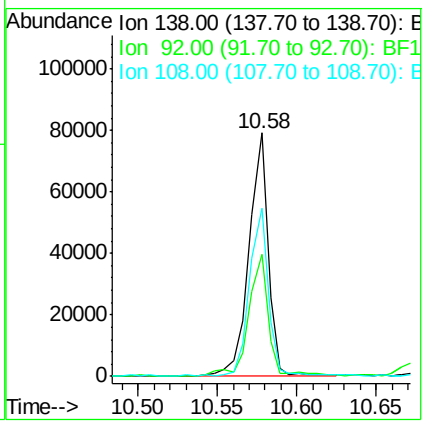


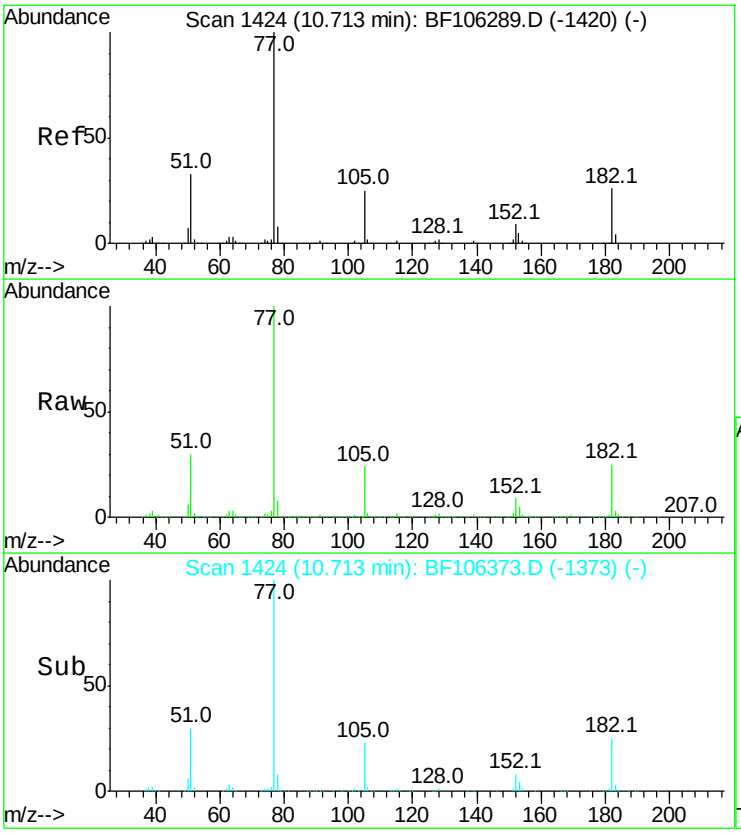
#61
4-Nitroaniline
Concen: 24.568 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 66920

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.2	70.2
108	69.2	52.5	92.5

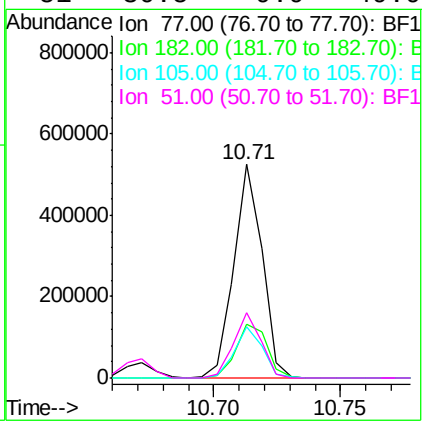


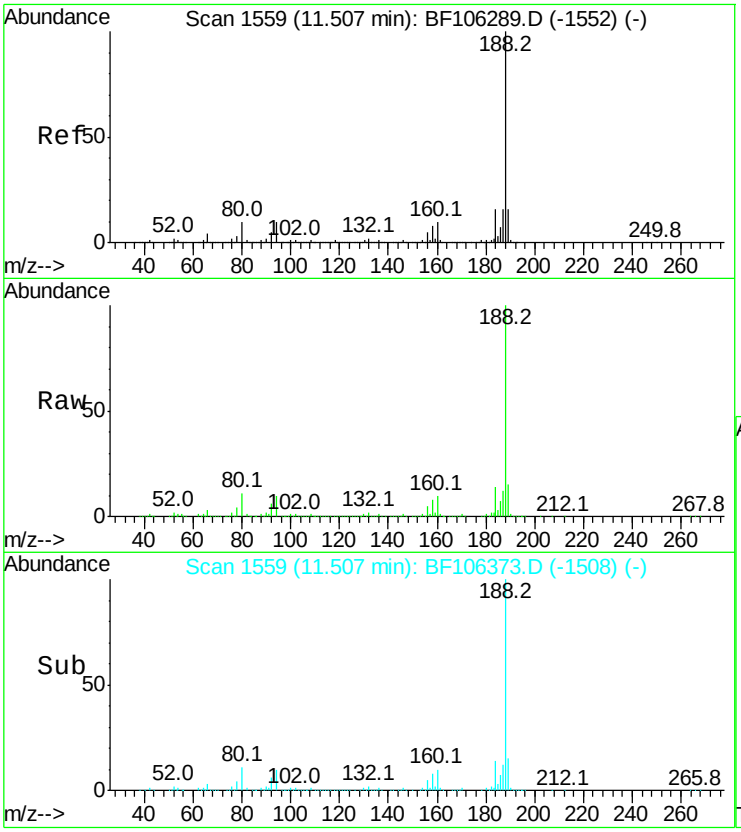


#62
Azobenzene
Concen: 33.681 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion: 77 Resp: 402537

Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.7	41.7
105	24.1	3.0	43.0
51	30.5	9.9	49.9



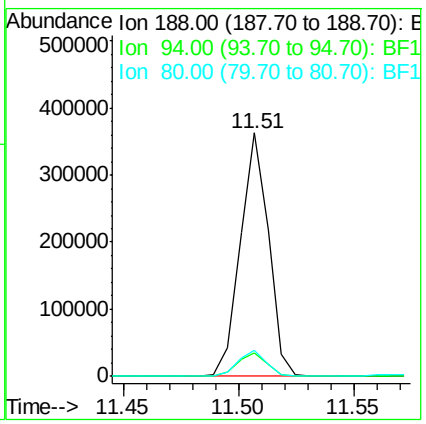


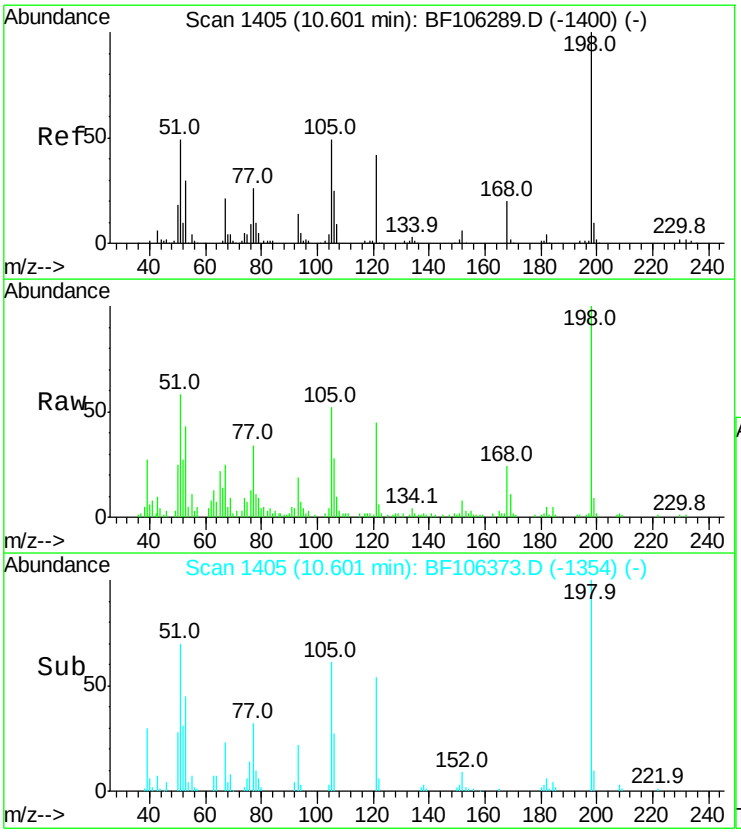
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 309775

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8

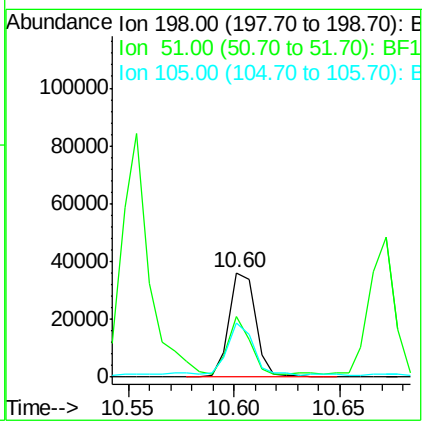


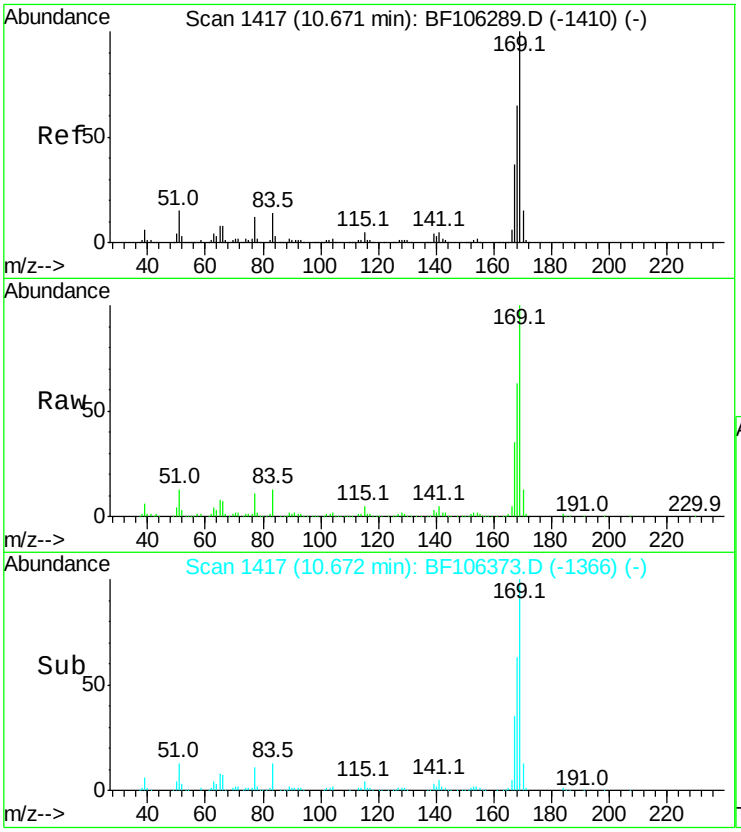


#64
4,6-Dinitro-2-methylphenol
Concen: 22.793 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:198 Resp: 31730

Ion	Ratio	Lower	Upper
198	100		
51	58.2	37.7	77.7
105	52.0	36.3	76.3



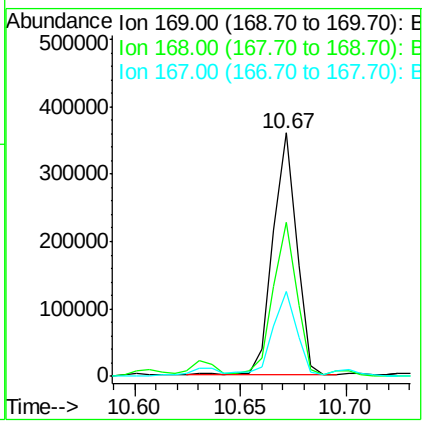


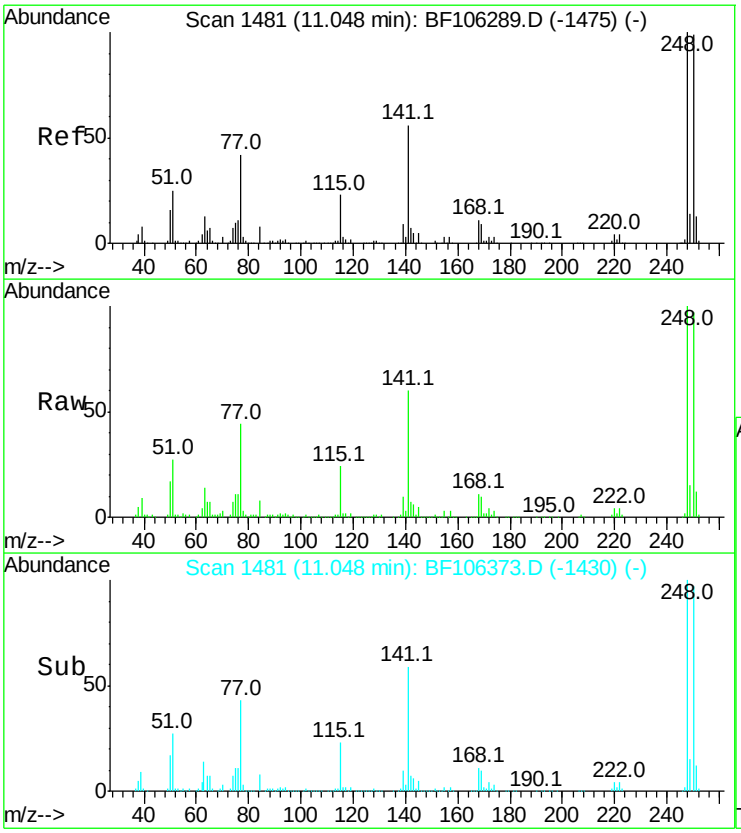
#65
n-Nitrosodiphenylamine
Concen: 27.059 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 281710

Ion	Ratio	Lower	Upper
169	100		
168	63.3	54.4	81.6
167	34.8	29.8	44.6

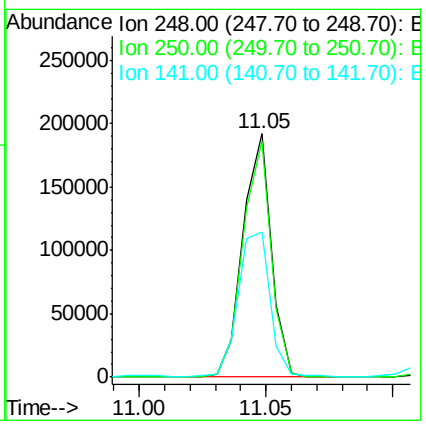


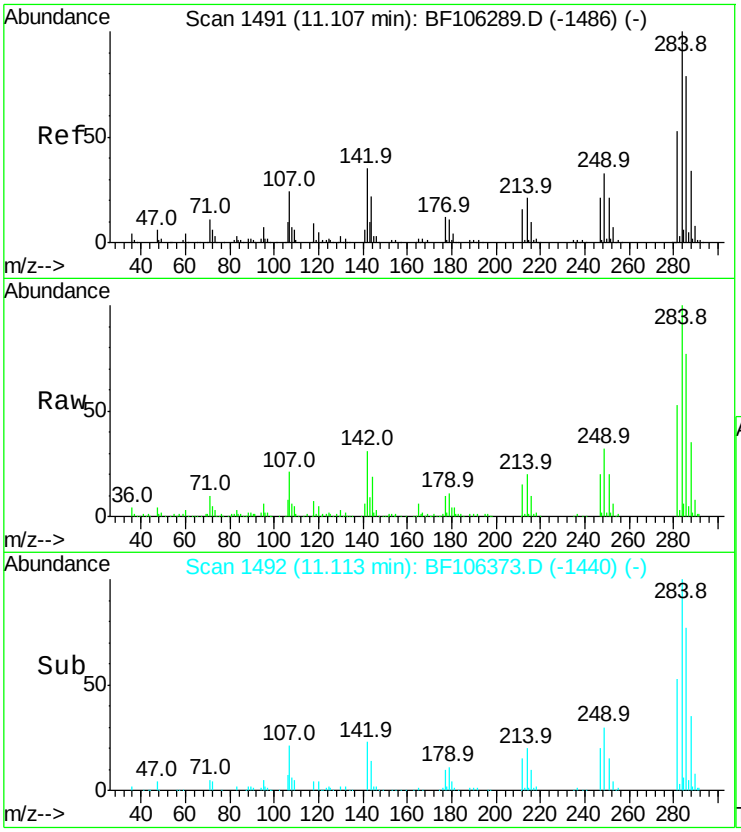


#66
4-Bromophenyl-phenylether
Concen: 42.448 ng
RT: 11.05 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:248 Resp: 149558

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	59.7	74.4	111.6#



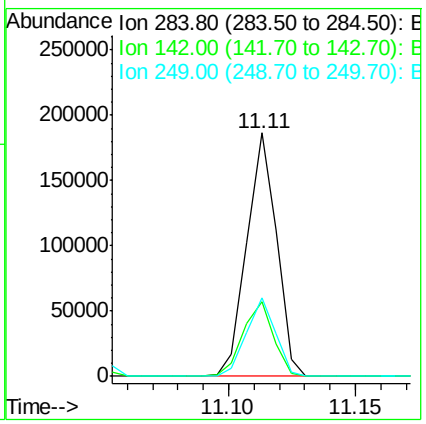


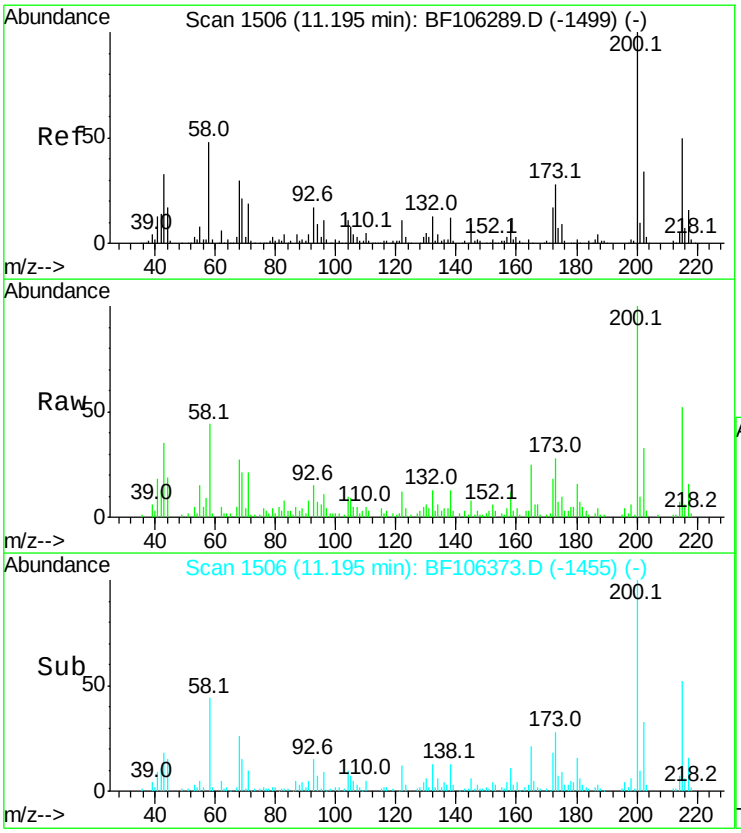
#67
Hexachlorobenzene
Concen: 42.055 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 152759

Ion	Ratio	Lower	Upper
284	100		
142	30.9	34.6	52.0#
249	32.1	24.8	37.2

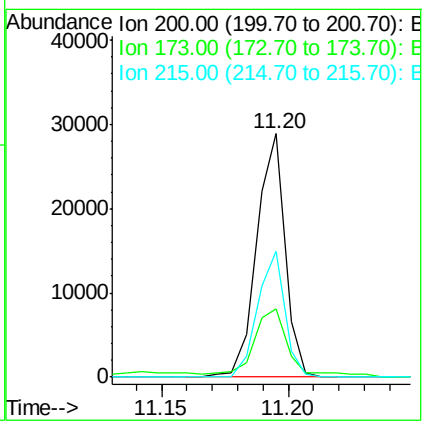


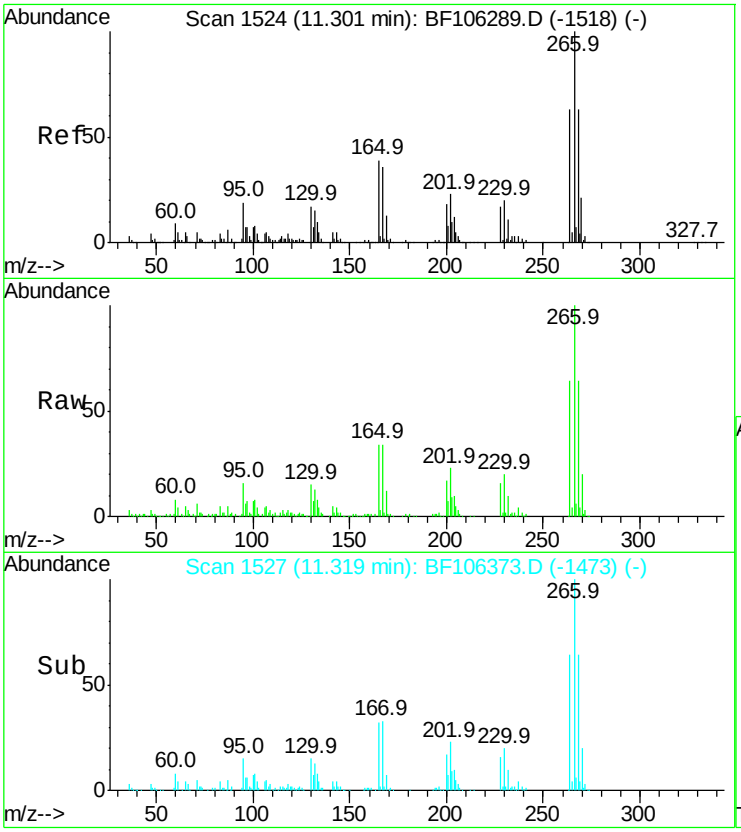


#68
Atrazine
Concen: 7.038 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:200 Resp: 22581

Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	51.6	25.1	65.1



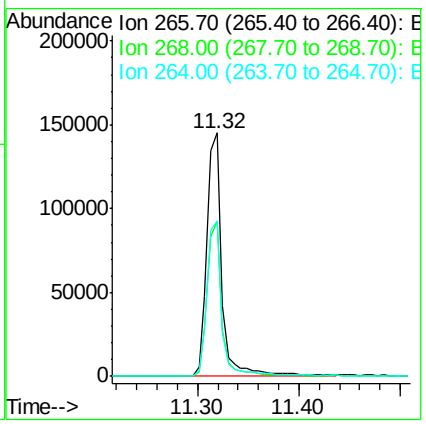


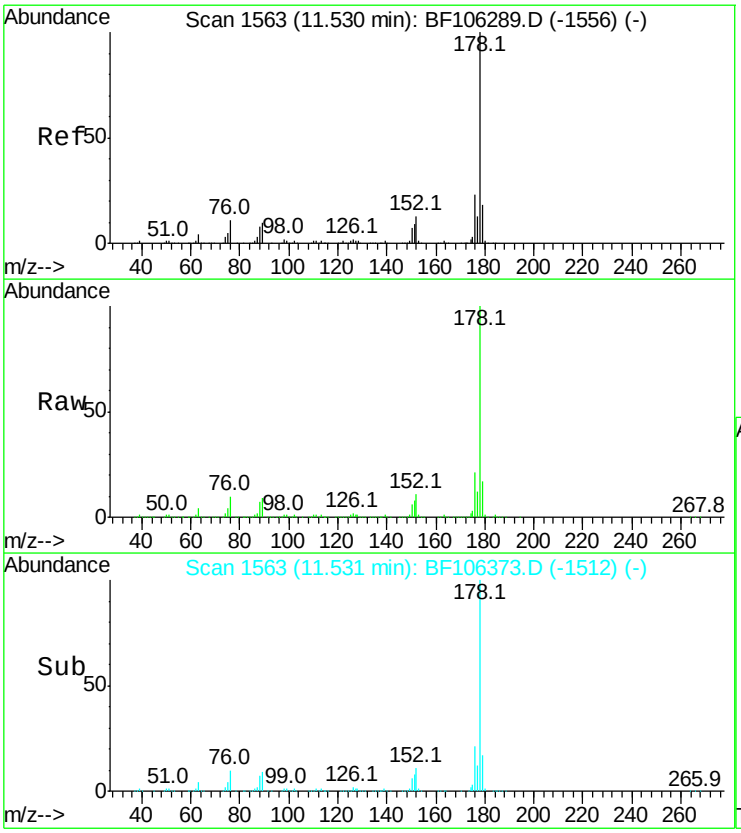
#69
Pentachlorophenol
Concen: 67.497 ng
RT: 11.32 min Scan# 1527
Delta R.T. 0.02 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 150946

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.7	49.5	74.3

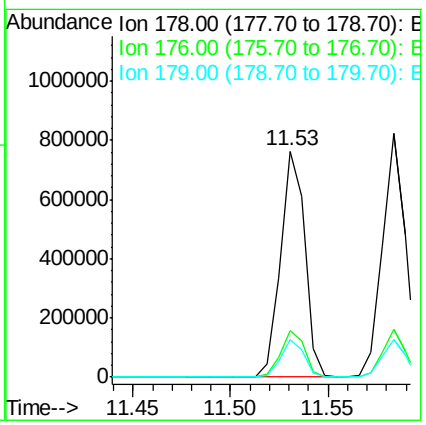


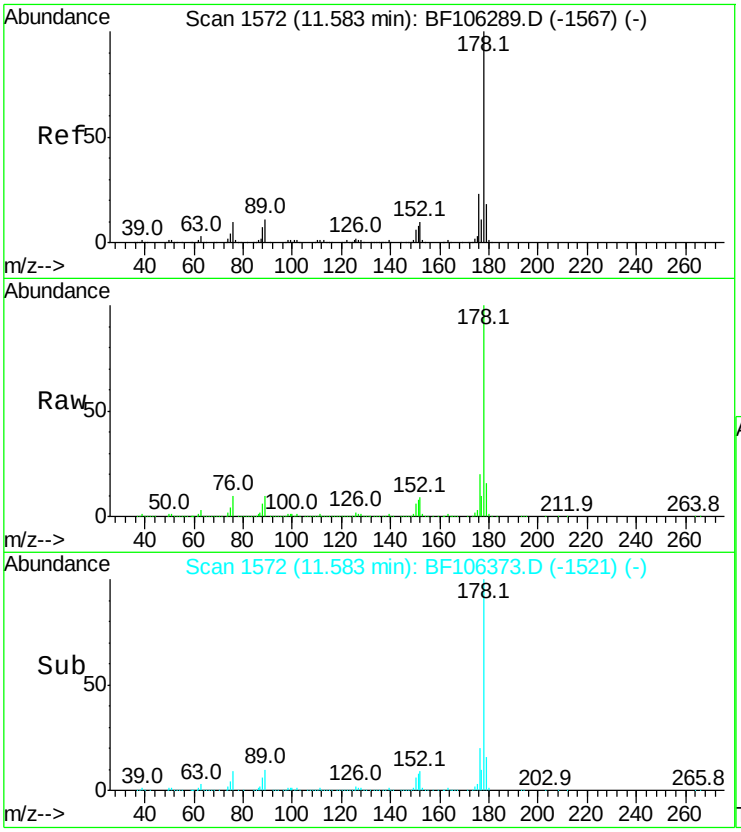


#70
Phenanthrene
Concen: 43.430 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:178 Resp: 658873

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.9	13.0	19.6



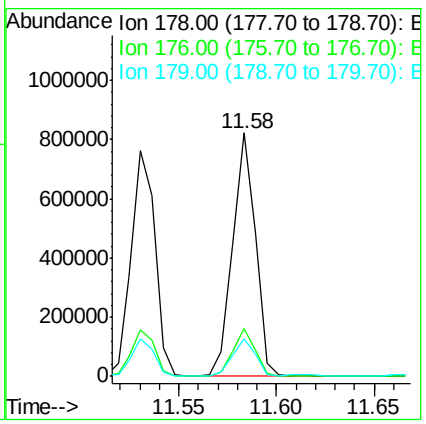


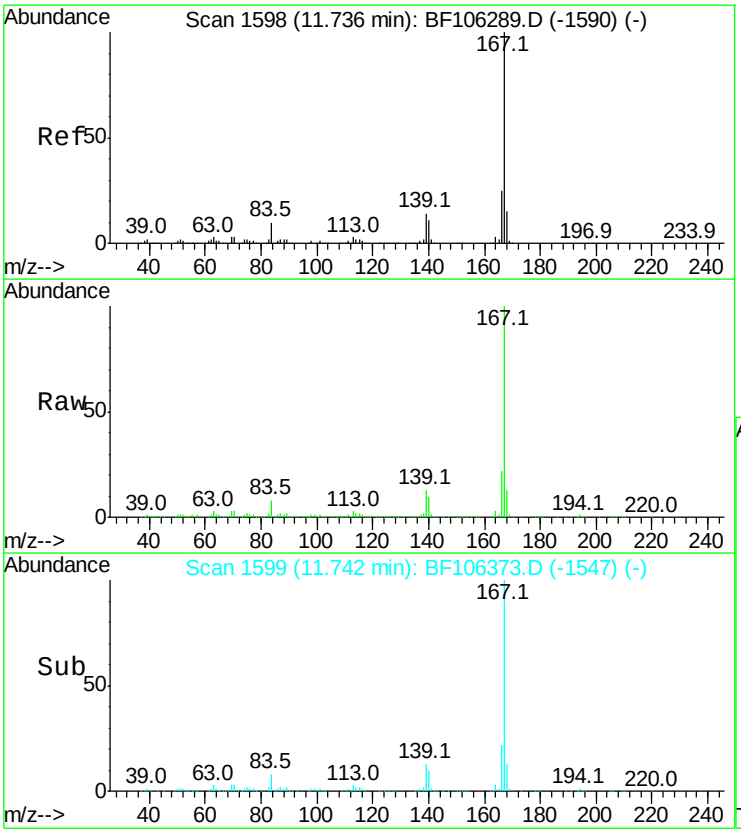
#71
Anthracene
Concen: 43.835 ng
RT: 11.58 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 666231

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.6	19.0

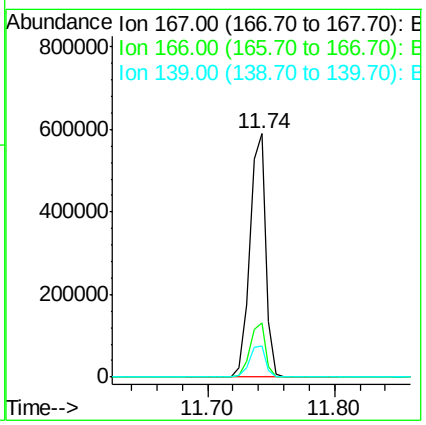


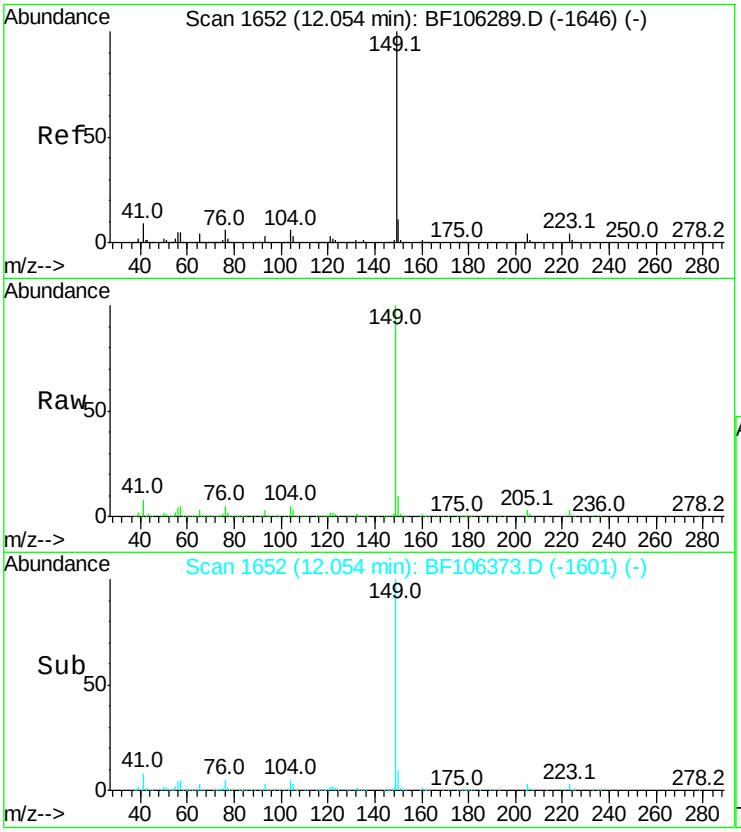


#72
Carbazole
Concen: 36.812 ng
RT: 11.74 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:167 Resp: 516525

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.7	10.9	16.3



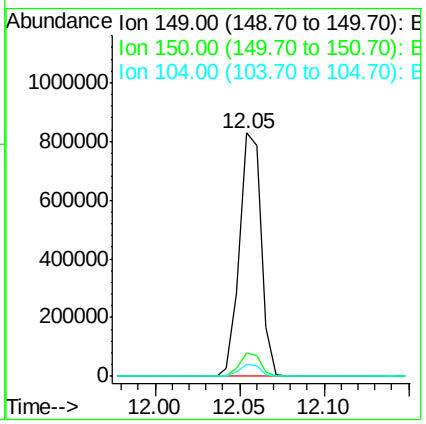


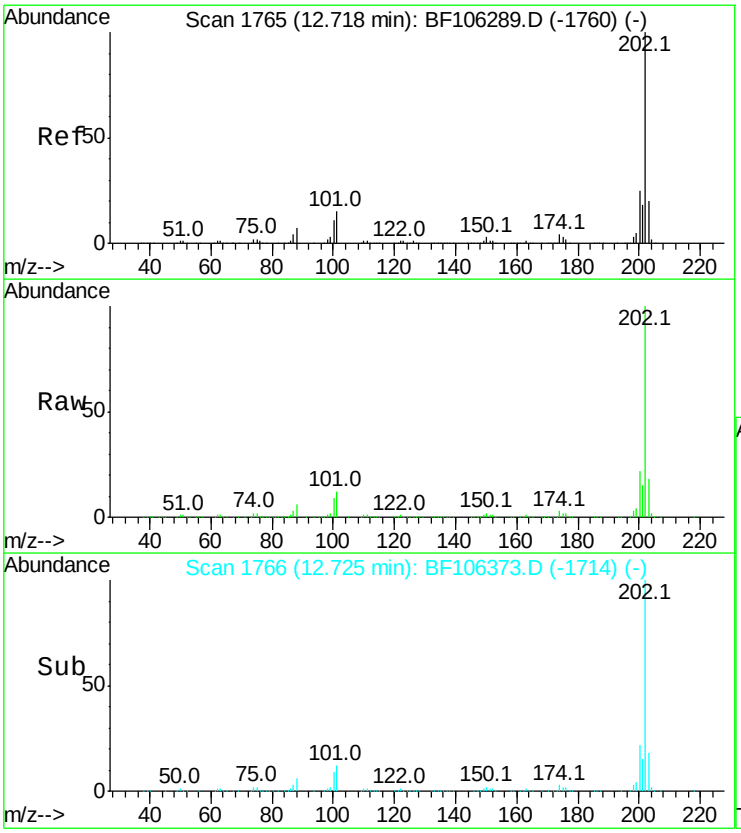
#73
Di-n-butylphthalate
Concen: 47.321 ng
RT: 12.05 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 738979

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.8

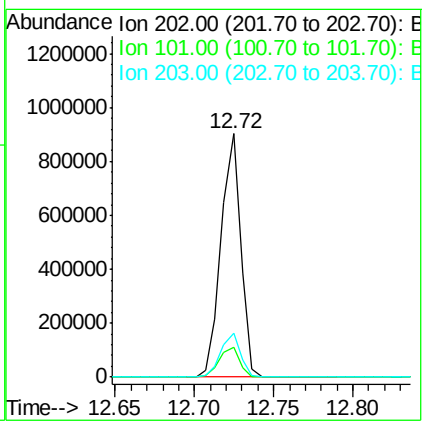


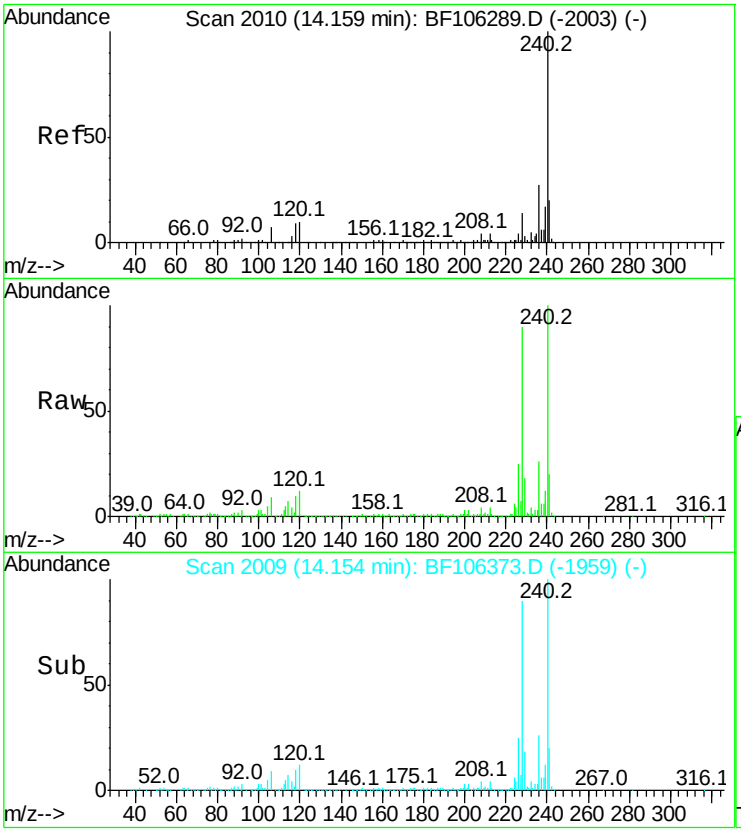


#74
Fluoranthene
Concen: 48.313 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:202 Resp: 781659

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.9	0.0	38.1



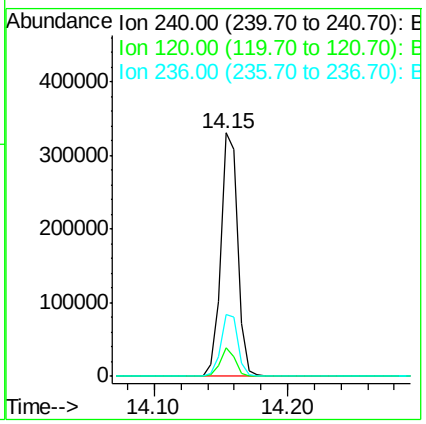


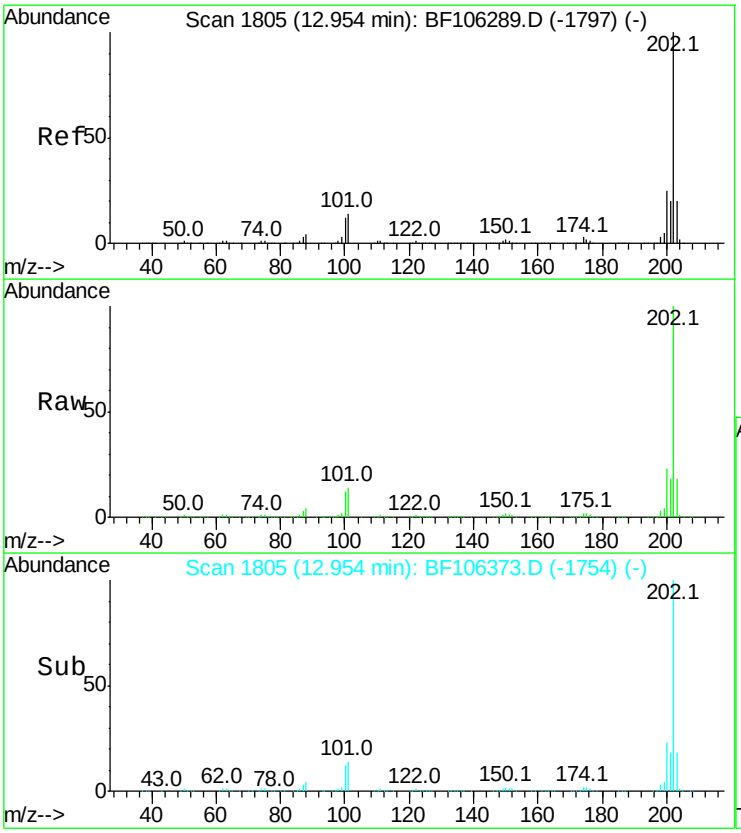
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 298149

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.6	20.7	31.1

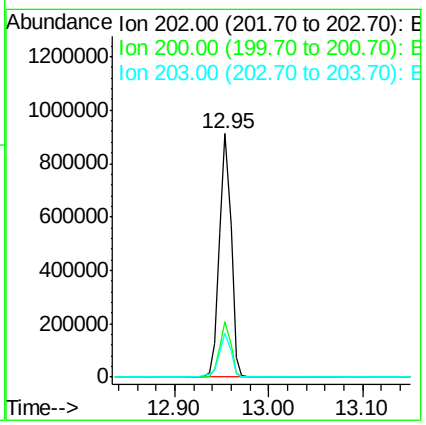


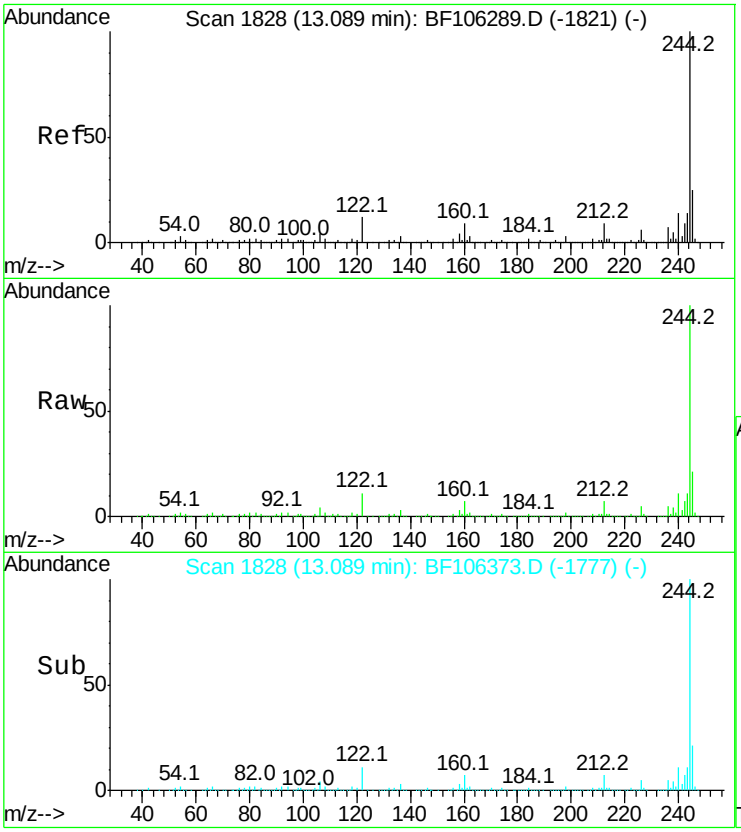


#77
Pyrene
Concen: 42.623 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:202 Resp: 795594

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.0	14.3	21.5



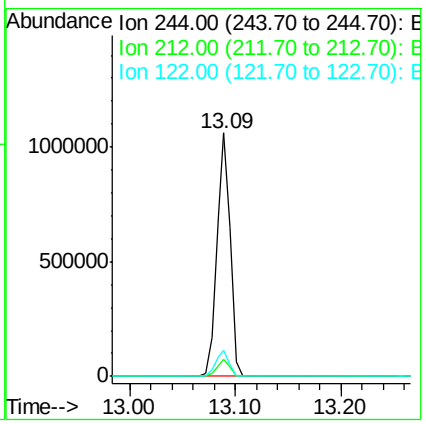


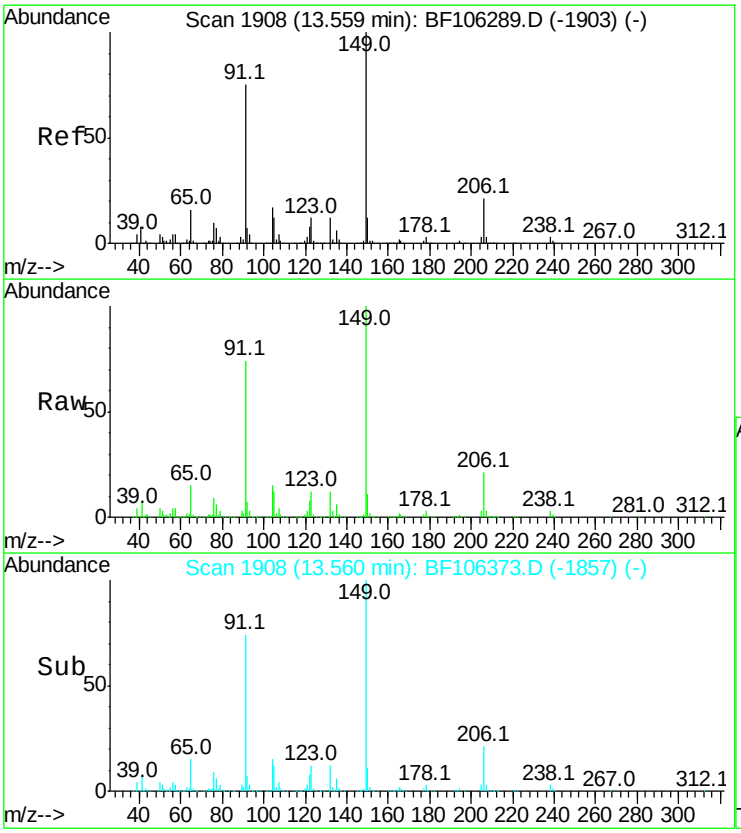
#78
Terphenyl-d14
Concen: 78.675 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 944400

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.6	11.0	16.4#

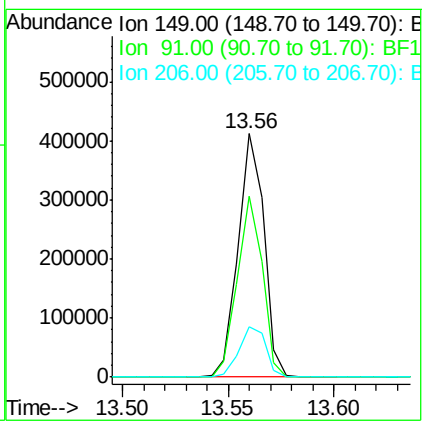


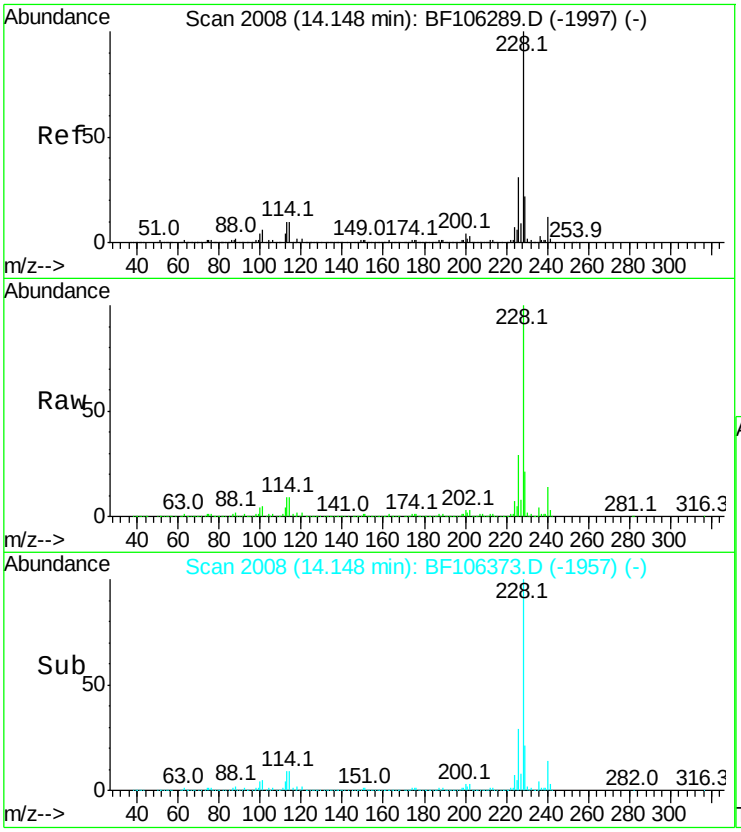


#79
Butylbenzylphthalate
Concen: 49.790 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:149 Resp: 347888

Ion	Ratio	Lower	Upper
149	100		
91	74.4	56.8	85.2
206	20.7	14.1	21.1



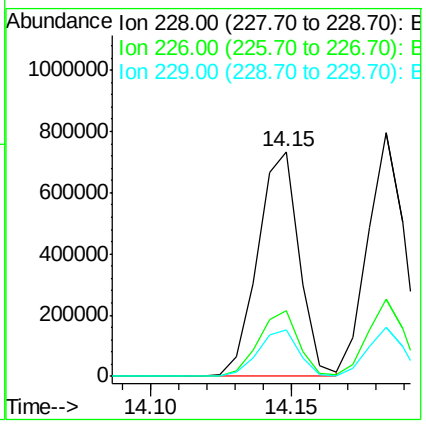


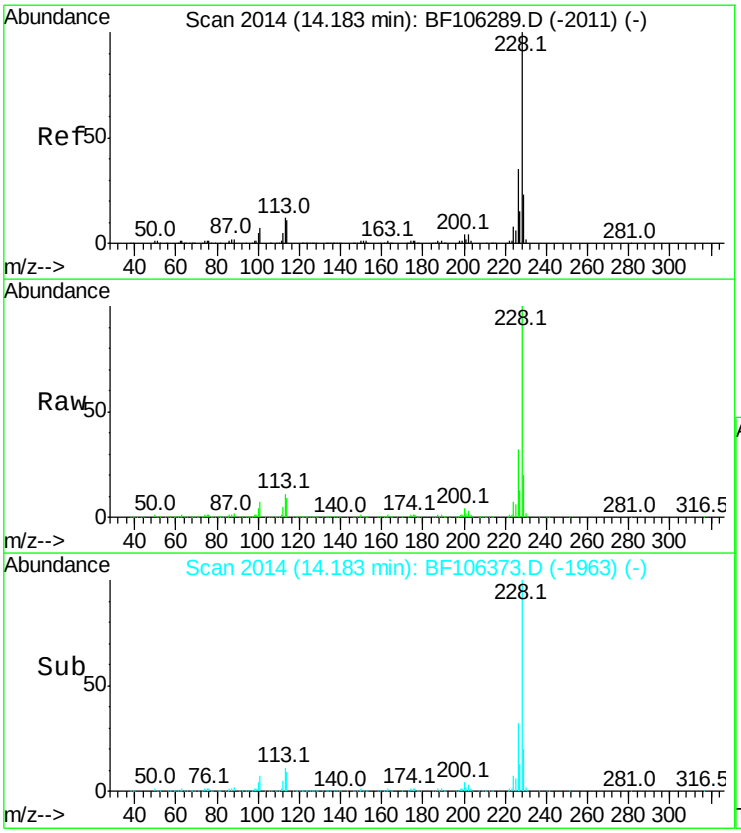
#80
Benzo(a)anthracene
Concen: 42.195 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 748645

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.5	15.8	23.6

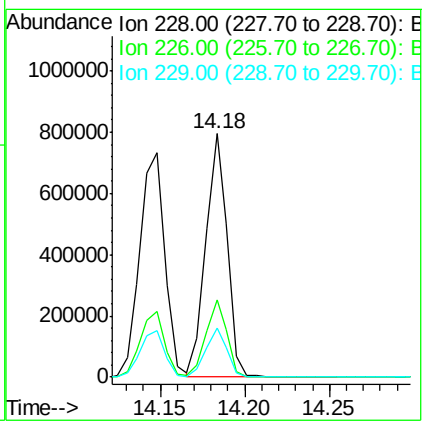


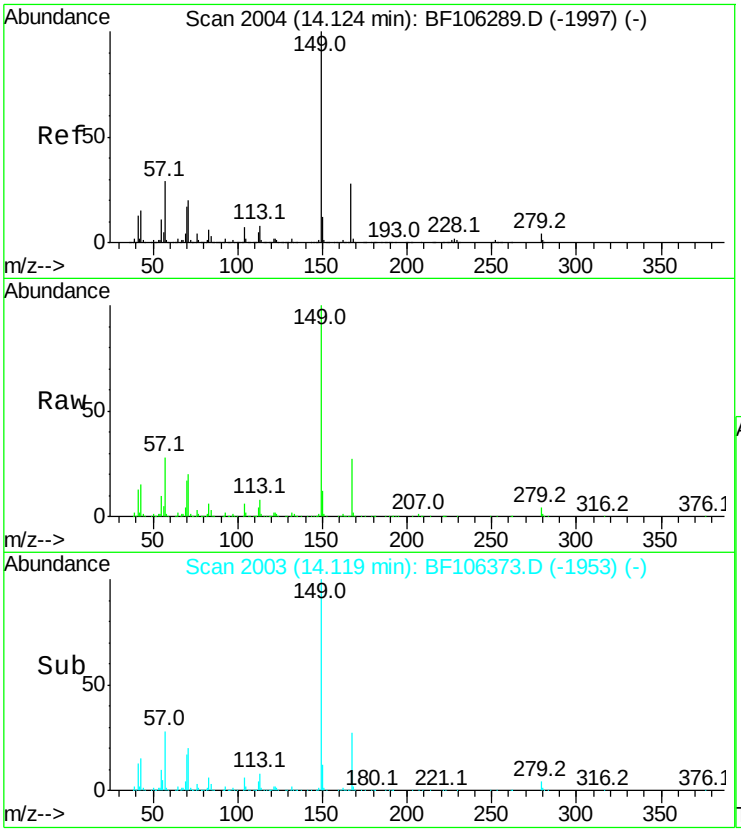


#82
Chrysene
Concen: 43.365 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:228 Resp: 702481

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	19.9	16.2	24.4



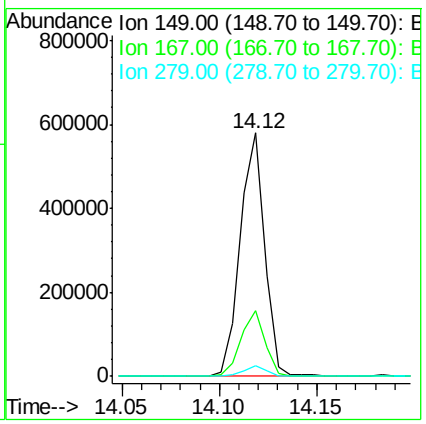


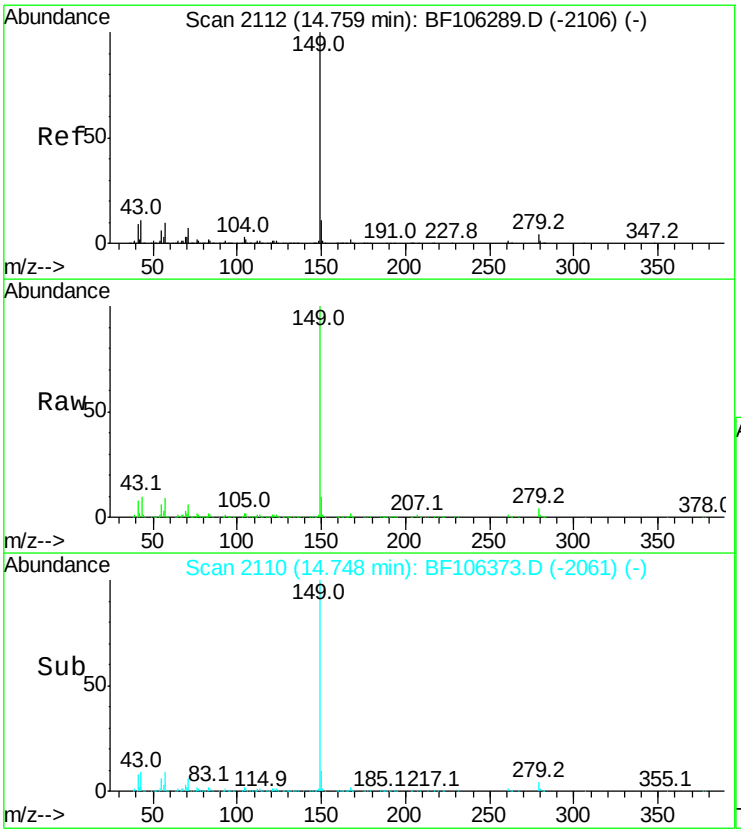
#83
Bis(2-ethylhexyl)phthalate
Concen: 50.172 ng
RT: 14.12 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 502638

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.2	3.0	4.4

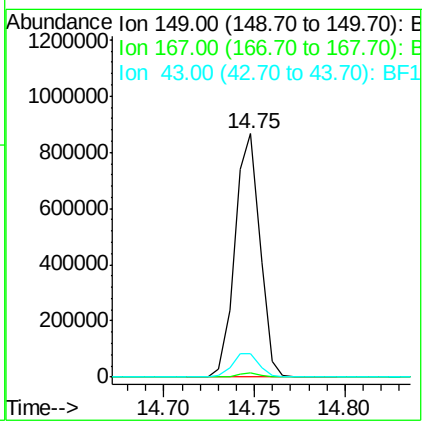


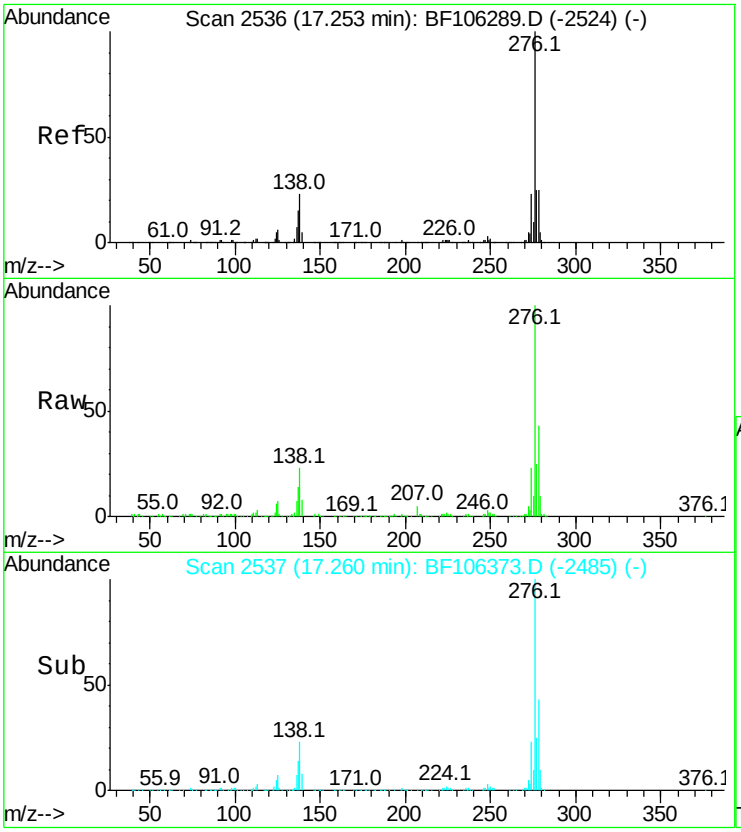


#84
Di-n-octyl phthalate
Concen: 57.355 ng
RT: 14.75 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:149 Resp: 828376

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	8.4	12.6



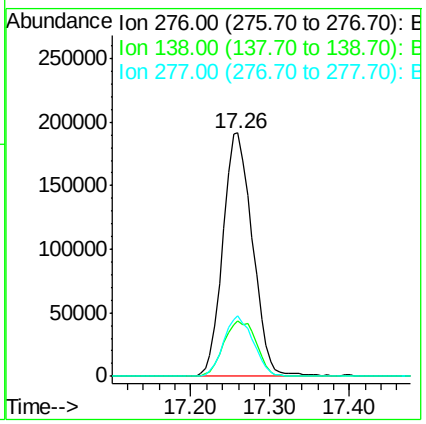


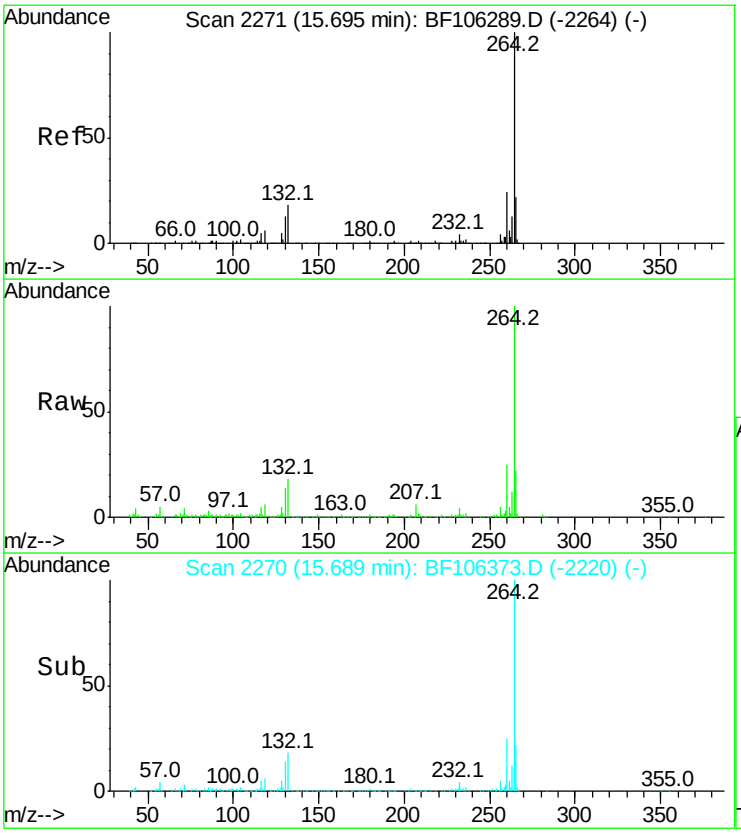
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.259 ng
RT: 17.26 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 494617

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

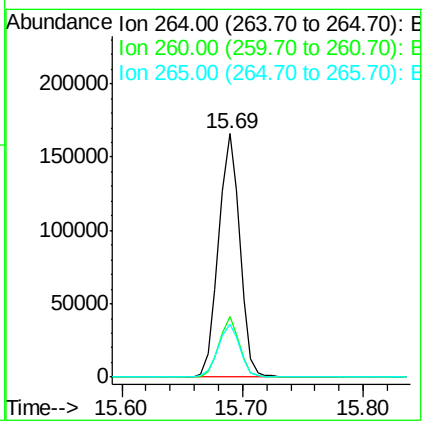


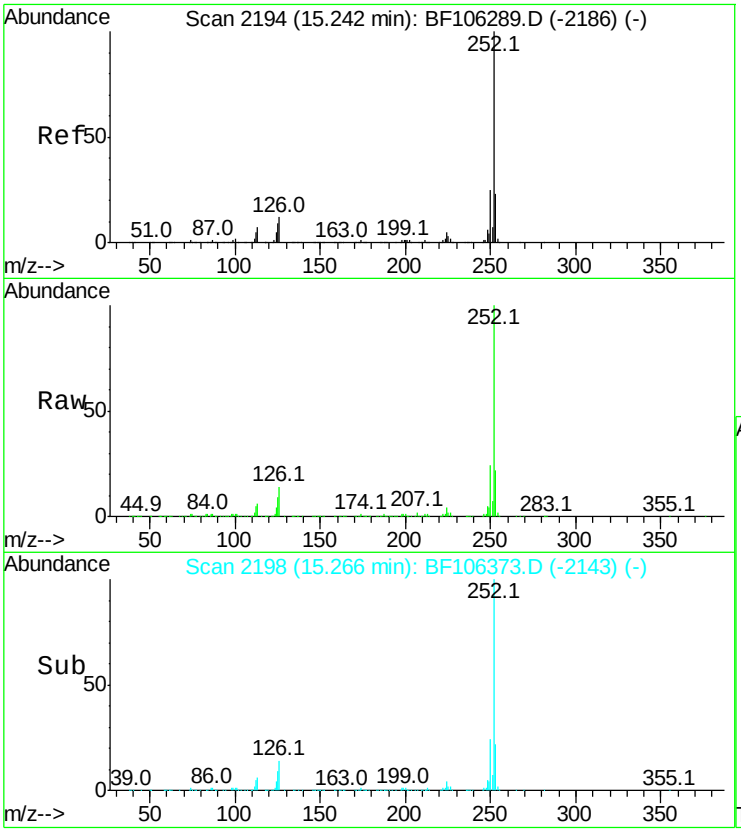


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:264 Resp: 202090

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	17.5	26.3



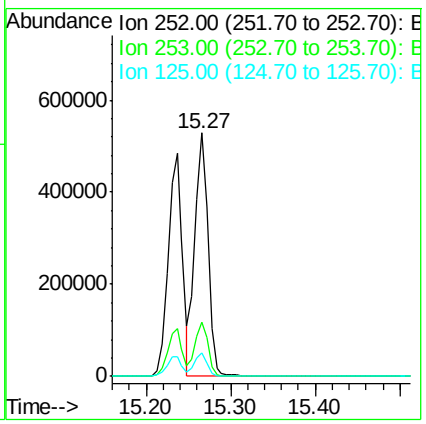


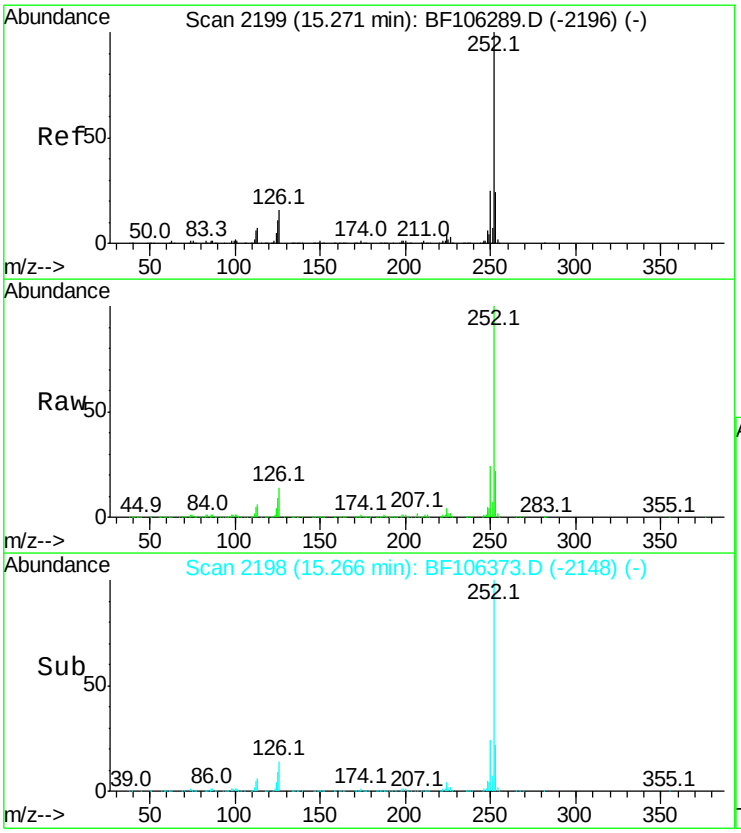
#87
Benzo(b)fluoranthene
Concen: 46.403 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.02 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 566869

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.4	9.0	13.6

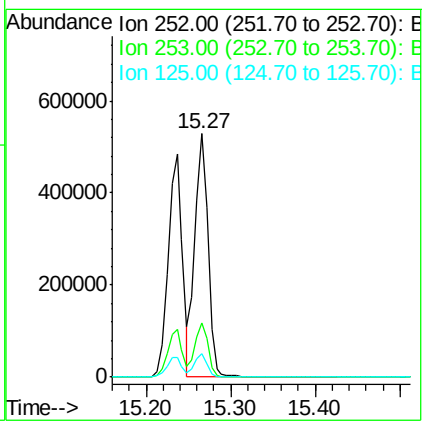


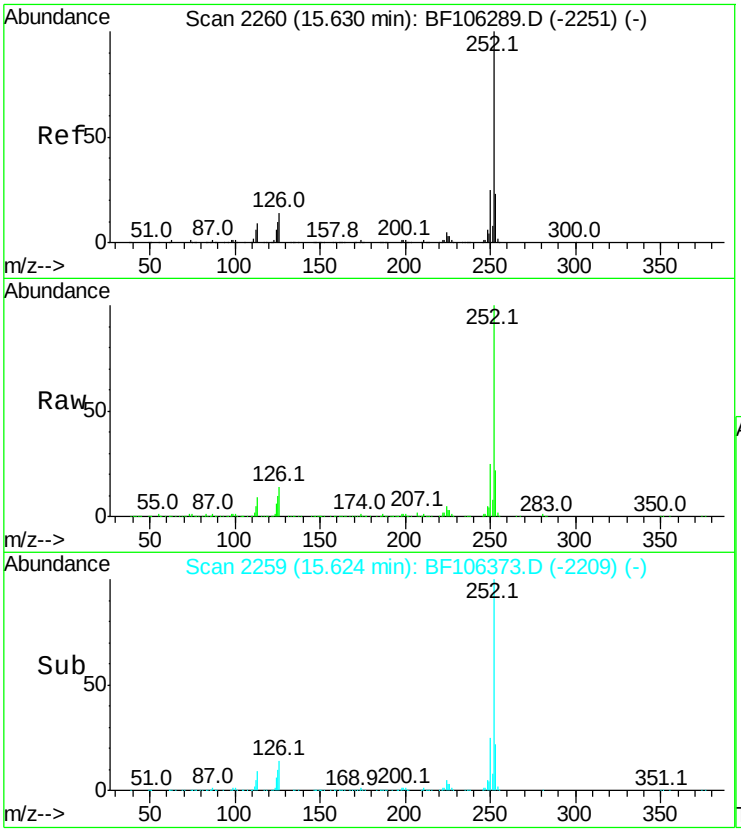


#88
Benzo(k)fluoranthene
Concen: 46.855 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:252 Resp: 566869

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.4	10.2	15.2#



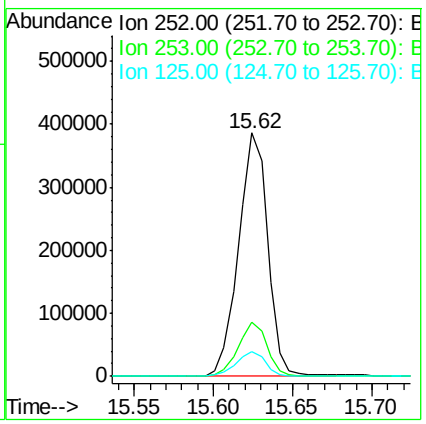


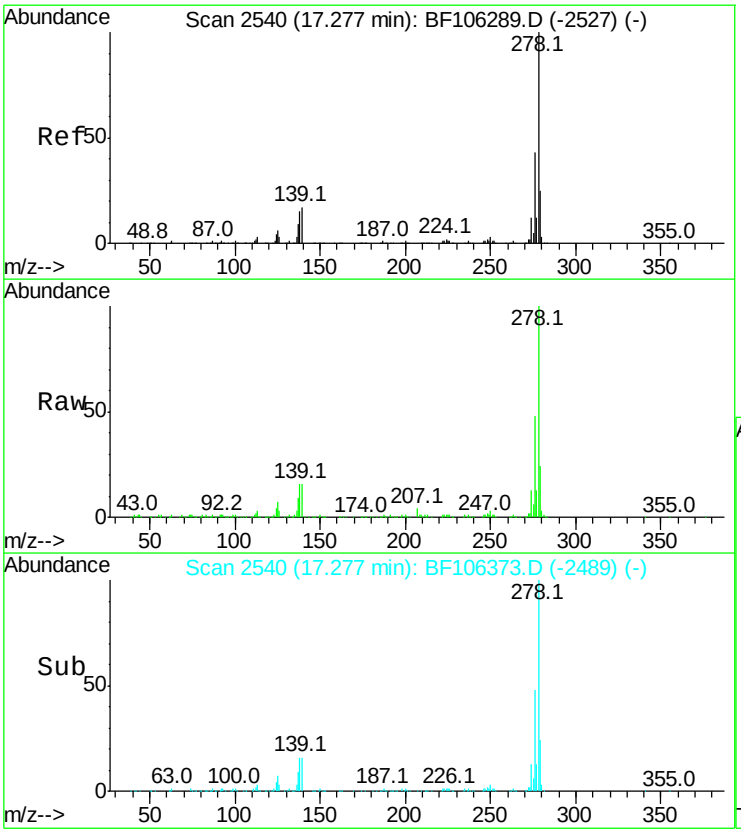
#89
Benzo(a)pyrene
Concen: 44.927 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 493654

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.4	9.8	14.6

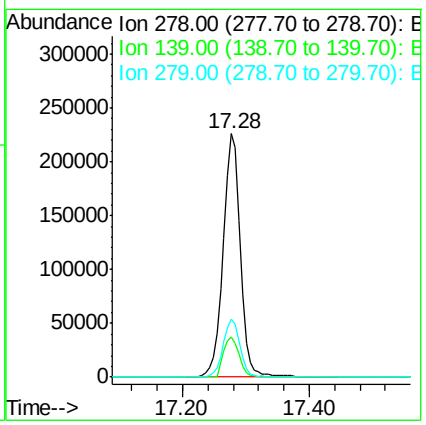


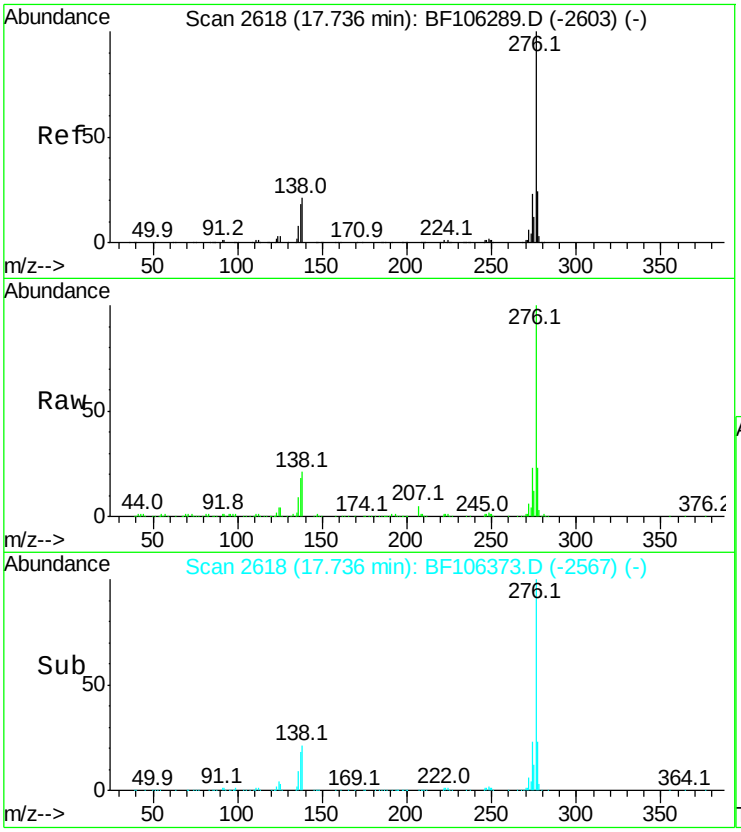


#90
Dibenzo(a,h)anthracene
Concen: 46.719 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Tgt Ion:278 Resp: 427969

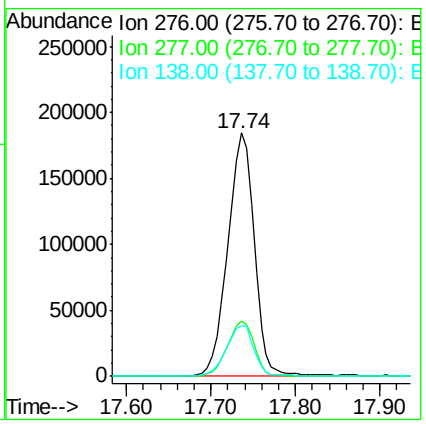
Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.9	23.9
279	23.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 45.032 ng
RT: 17.74 min Scan# 2618
Delta R.T. 0.00 min
Lab File: BF106373.D
Acq: 13 Jun 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 400895

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	20.9	21.8	32.8#