Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112255.D
Acq On : 26 Jan 2019 1:58
Operator : JU/SJ
Sample : K1234-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WWB-5

Quant Time: Jan 27 23:47:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	267847	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	1038831	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	503612	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	927258	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	492140	20.00	ng	-0.02
87) Perylene-d12	15.46	264	519615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1879920	149.08	ng	0.00
7) Phenol-d6	6.49	99	2374995	135.54	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1524359	84.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	733994	125.21	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2959734	83.12	ng	-0.01
79) Terphenyl-d14	12.95	244	2580050	98.74	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	109	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.47	42	116	0.022	ng	# 1
6) Aniline	6.50	93	824	0.040	ng	# 1
8) 2-Chlorophenol	6.62	128	814	0.048	ng	# 1
9) Benzaldehyde	6.62	77	45536	4.972	ng	84
10) Phenol	6.50	94	24089	1.253	ng	# 42
11) bis(2-Chloroethyl)ether	6.62	93	2916	0.193	ng	# 1
12) 1,3-Dichlorobenzene	6.99	146	109	0.006	ng	# 1
13) 1,4-Dichlorobenzene	6.99	146	109	0.005	ng	# 1
14) 1,2-Dichlorobenzene	6.99	146	109	0.006	ng	# 1
15) Benzyl Alcohol	7.00	79	25516	1.727	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.10	45	215	0.011	ng	63
17) 2-Methylphenol	7.00	107	352	0.026	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	206904	17.124	ng	# 76
20) 3+4-Methylphenols	7.00	107	352	0.020	ng	# 1
22) Acetophenone	7.25	105	283	0.011	ng	# 5
24) Nitrobenzene	7.40	77	4836	0.269	ng	# 32
25) Isophorone	7.40	82	1494013	52.822	ng	# 63
28) bis(2-Chloroethoxy)methane	8.13	93	117	0.006	ng	# 1
31) Naphthalene	8.15	128	326	0.007	ng	# 67
32) Benzoic acid	8.12	122	109	0.014	ng	# 1
38) 1-Methylnaphthalene	9.20	142	1431	0.045	ng	# 53
46) 1,1'-Biphenyl	9.30	154	6690	0.152	ng	88
47) 2-Chloronaphthalene	9.59	162	1468	0.043	ng	# 1
48) 2-Nitroaniline	9.59	65	2514	0.270	ng	# 1
50) Dimethylphthalate	9.59	163	296557	7.579	ng	98
51) 2,6-Dinitrotoluene	9.59	165	2949	0.337	ng	# 7
52) Acenaphthene	9.87	154	1973	0.066	ng	# 5
55) Dibenzofuran	10.09	168	139	0.003	ng	# 46
57) 2,4-Dinitrotoluene	9.87	165	66340	5.946	ng	# 31
58) Fluorene	10.67	166	31025	0.908	ng	# 88
60) Diethylphthalate	10.29	149	2997	0.077	ng	98
63) Azobenzene	10.59	77	422	0.012	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	1410	0.271	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112255.D
Acq On : 26 Jan 2019 1:58
Operator : JU/SJ
Sample : K1234-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WWB-5

Quant Time: Jan 27 23:47:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) n-Nitrosodiphenylamine	10.67	169	19552	0.626	ng	#	43
67) 4-Bromophenyl-phenylether	10.67	248	43544	3.993	ng	#	1
71) Phenanthrene	11.39	178	4205	0.087	ng	#	91
72) Anthracene	11.45	178	547	0.011	ng	#	60
73) Carbazole	11.60	167	1274	0.027	ng	#	53
74) Di-n-butylphthalate	11.92	149	8299	0.141	ng	#	95
75) Fluoranthene	12.57	202	5601	0.108	ng		86
77) Benzidine	12.83	184	1130	0.083	ng	#	1
78) Pyrene	12.80	202	5556	0.163	ng	#	89
80) Butylbenzylphthalate	13.41	149	1520	0.092	ng	#	46
81) Benzo(a)anthracene	14.02	228	4497	0.155	ng		97
82) 3,3'-Dichlorobenzidine	13.84	252	266	0.025	ng	#	1
83) Chrysene	14.02	228	4497	0.163	ng		94
84) Bis(2-ethylhexyl)phthalate	13.97	149	13876	0.593	ng		95
85) Di-n-octyl phthalate	14.58	149	2813	0.078	ng	#	57
86) Indeno(1,2,3-cd)pyrene	16.95	276	1265	0.058	ng	#	74
88) Benzo(b)fluoranthene	15.04	252	4976	0.160	ng	#	61
89) Benzo(k)fluoranthene	15.04	252	4976	0.167	ng	#	61
90) Benzo(a)pyrene	15.40	252	2059	0.074	ng	#	63
92) Benzo(g,h,i)perylene	17.40	276	1315	0.062	ng	#	51

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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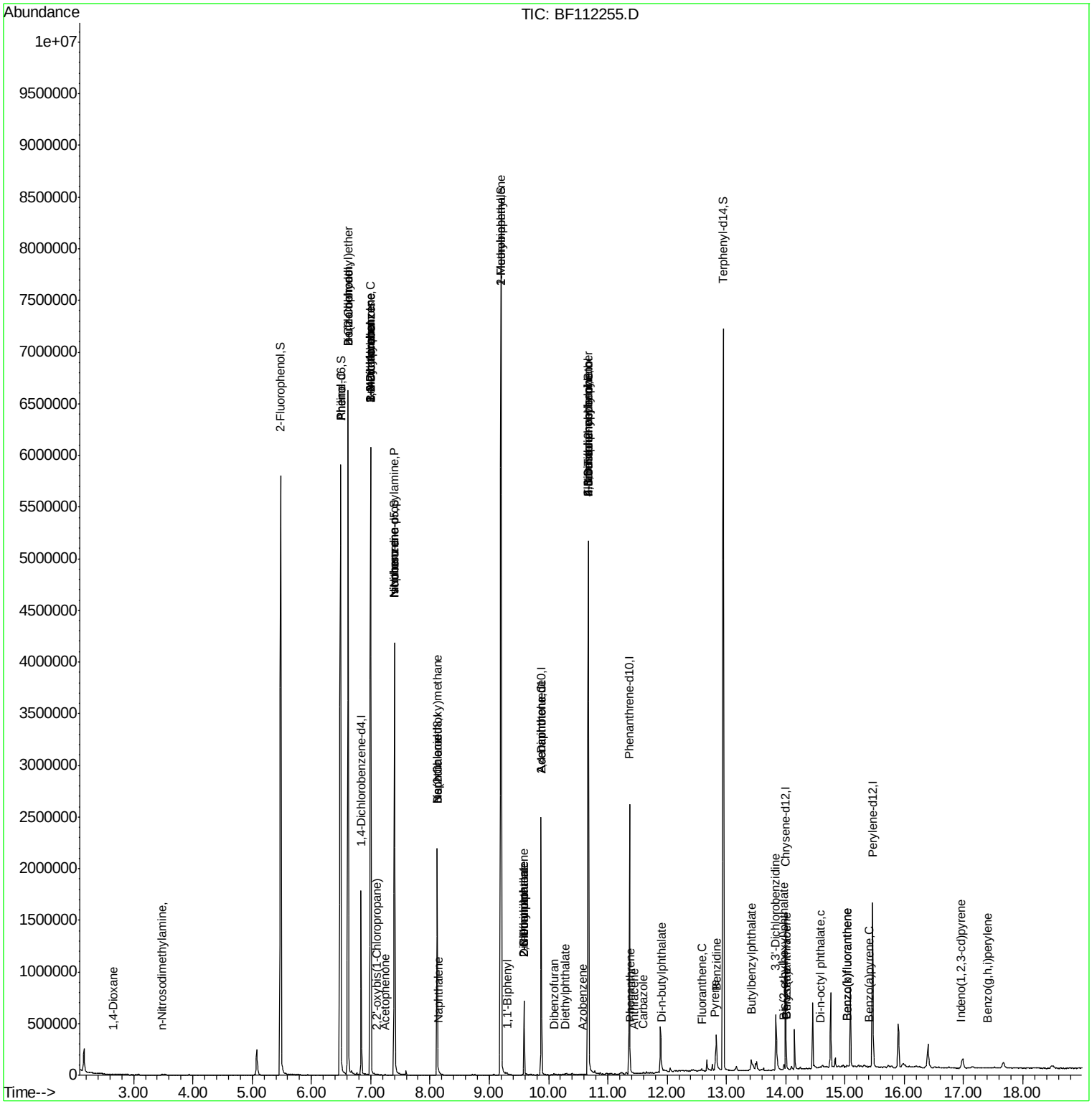
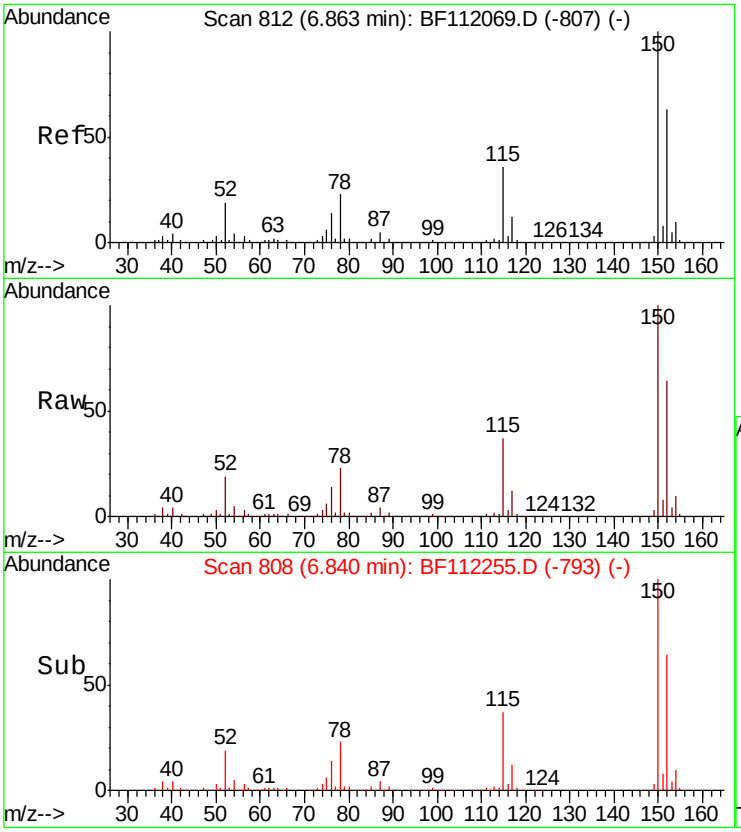
Quant Time: Jan 27 23:47:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration



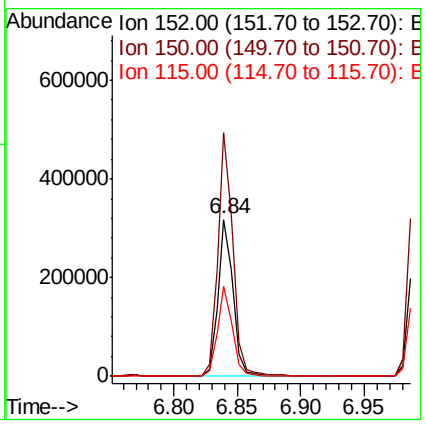


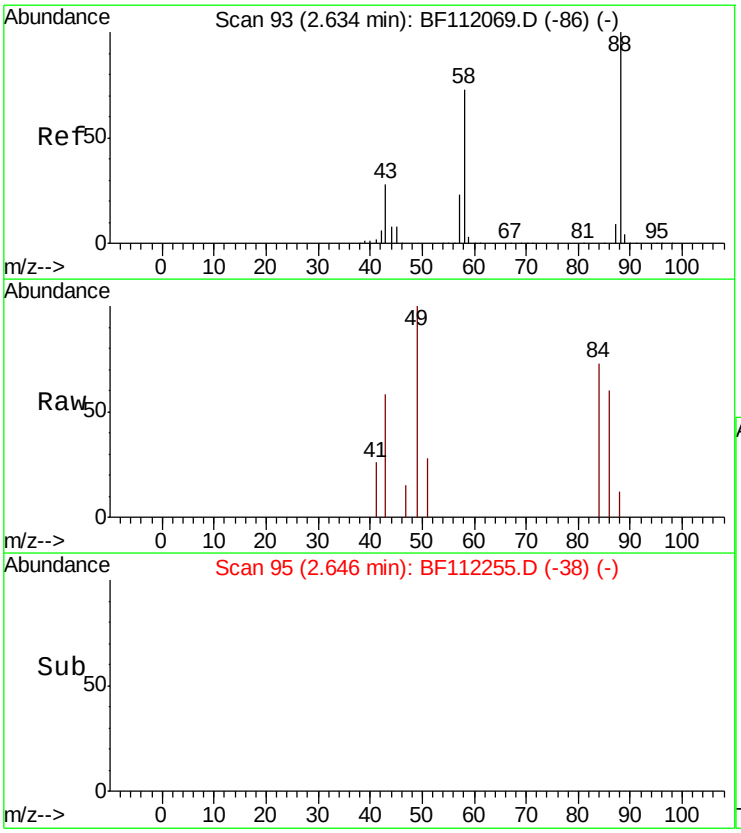
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:152 Resp: 267847

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	57.9	45.5	68.3

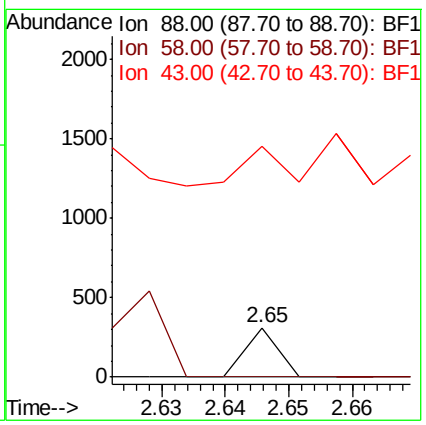


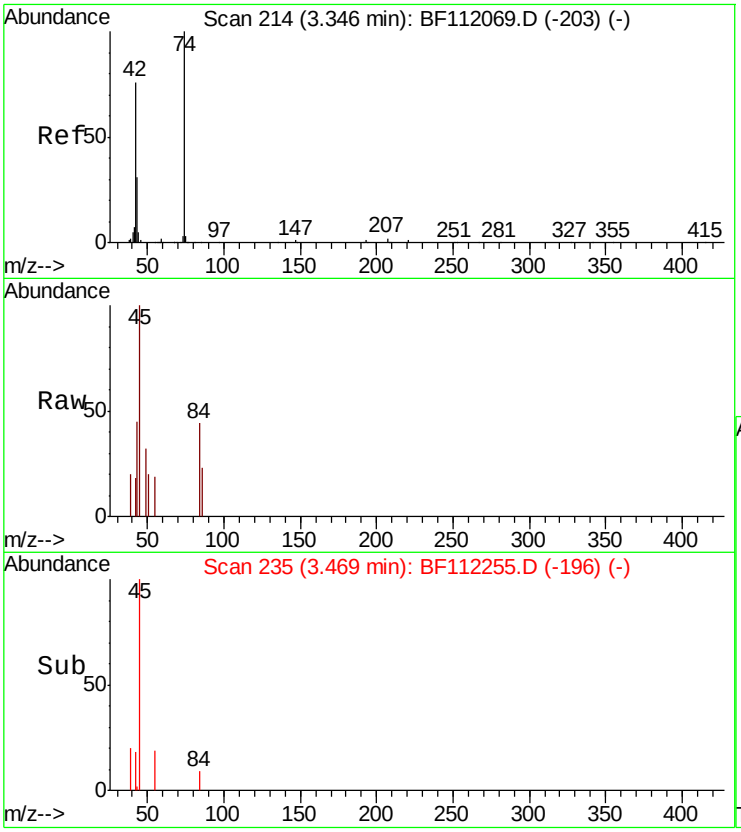


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	764.2	57.4	86.2#
43	94.5	22.2	33.4#



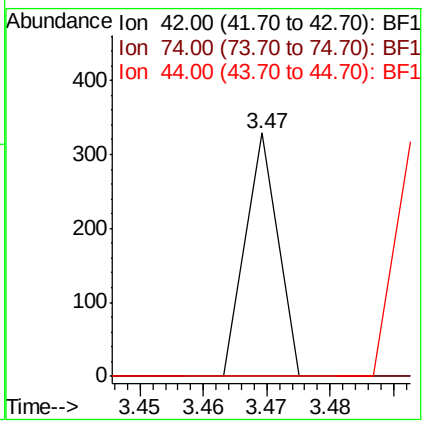


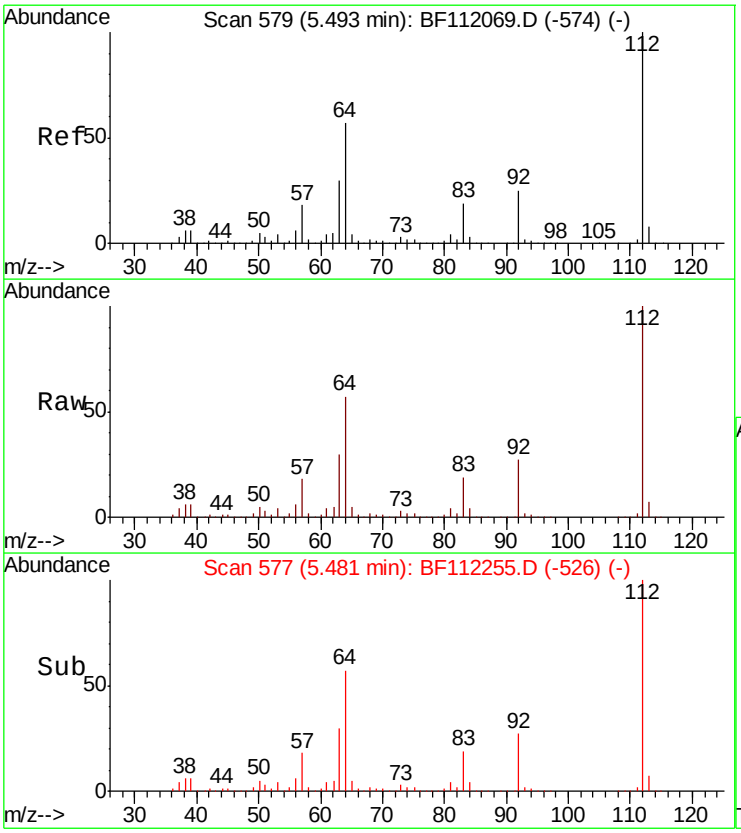
#4
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.13 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 42 Resp: 116

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.6	158.4#
44	0.0	5.4	8.2#

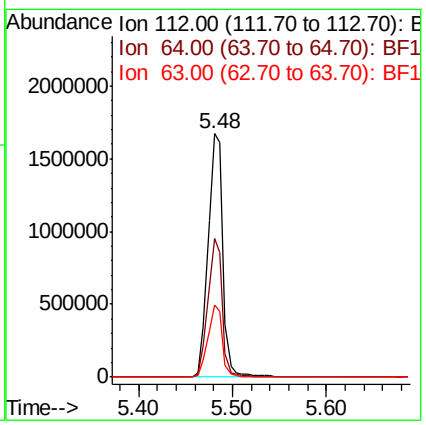


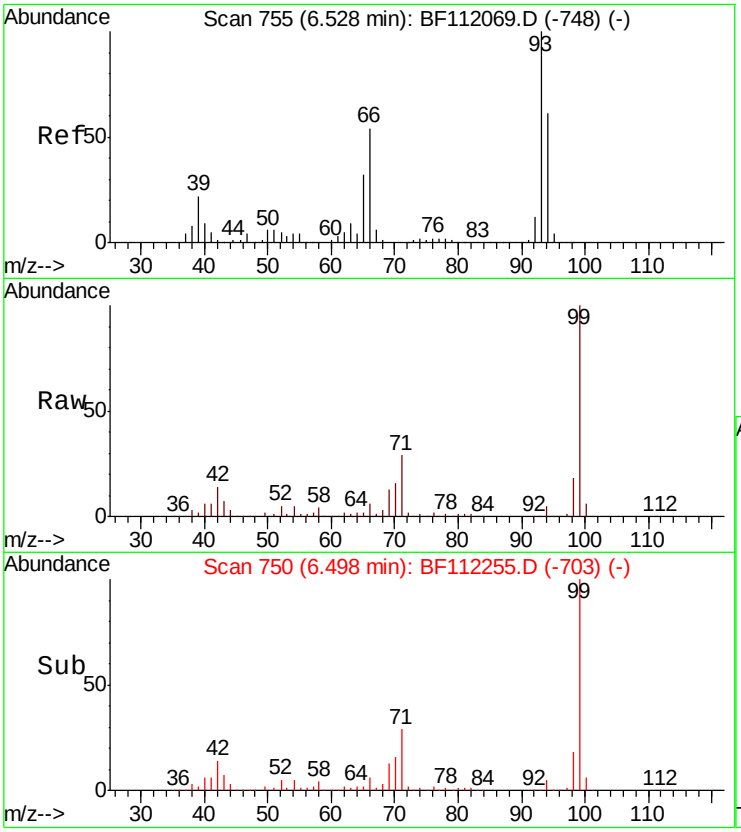


#5
2-Fluorophenol
Concen: 149.080 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:112 Resp: 1879920

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	29.9	23.6	35.4



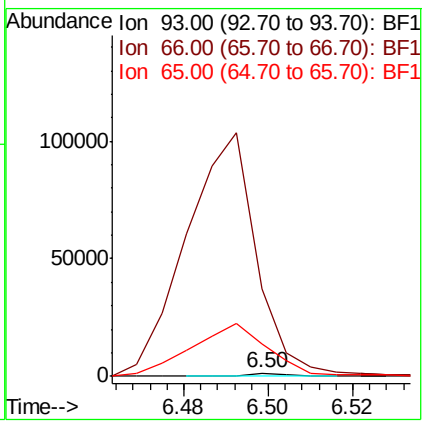


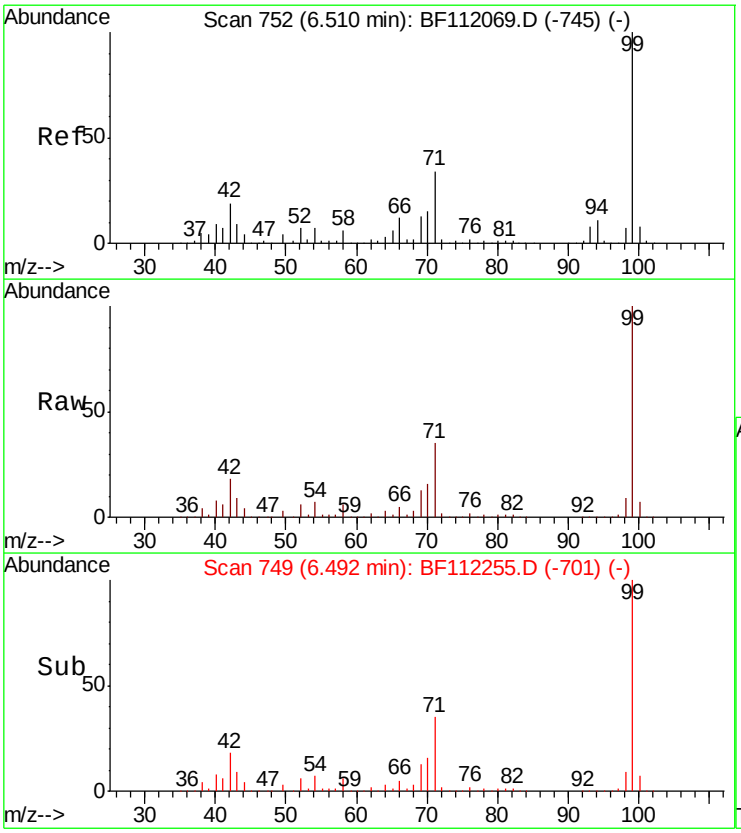
#6
Aniline
Concen: 0.040 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 93 Resp: 824

Ion	Ratio	Lower	Upper
93	100		
66	2861.5	43.4	65.2#
65	1053.5	25.3	37.9#

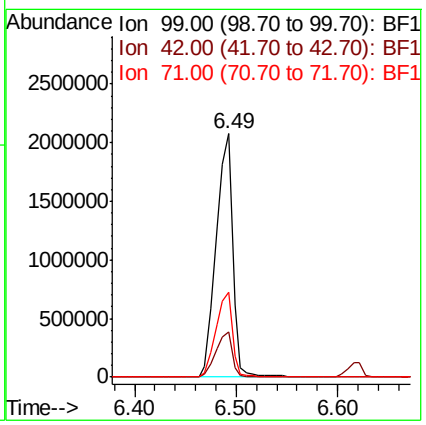


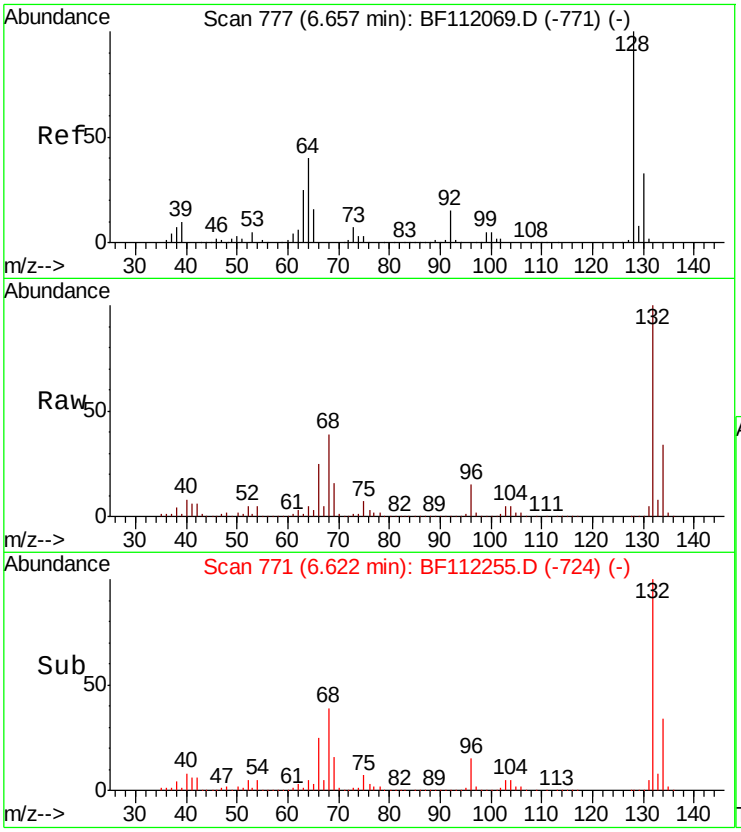


#7
Phenol-d6
Concen: 135.541 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 99 Resp: 2374995

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	35.1	26.9	40.3



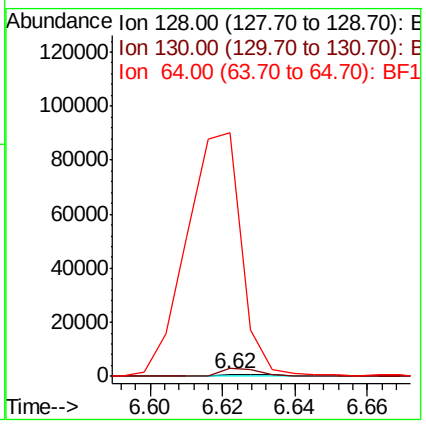


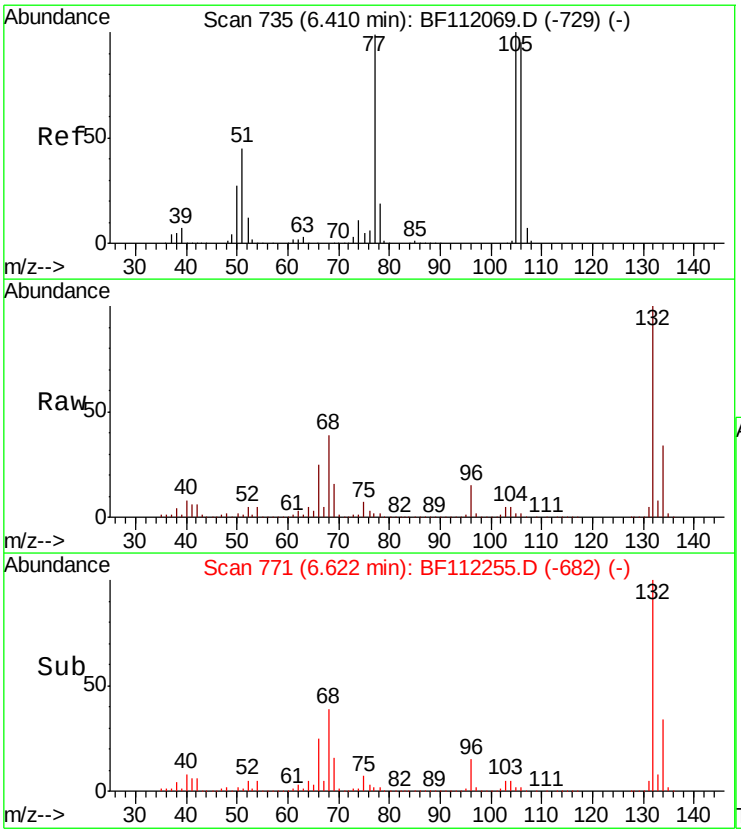
#8
2-Chlorophenol
Concen: 0.048 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:128 Resp: 814

Ion	Ratio	Lower	Upper
128	100		
130	435.4	13.4	53.4#
64	12763.7	20.5	60.5#

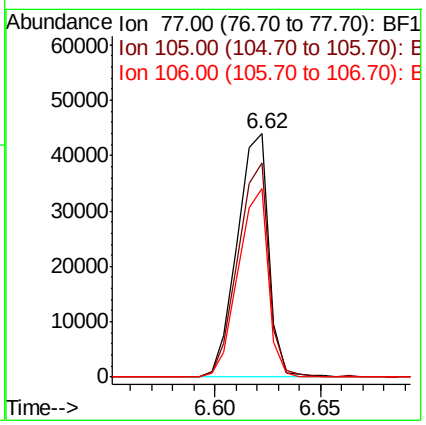


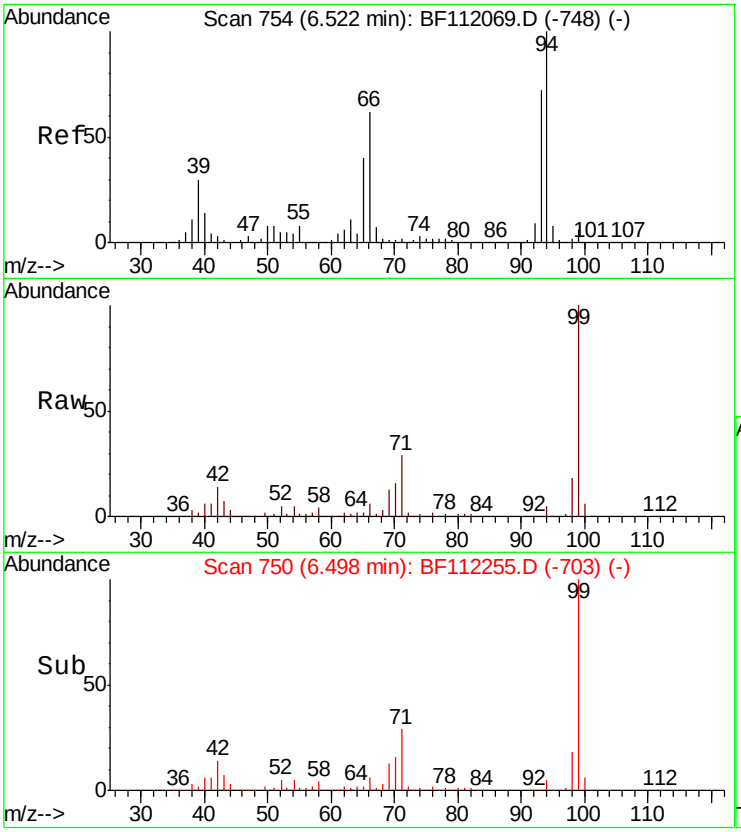


#9
Benzaldehyde
Concen: 4.972 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.22 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 77 Resp: 45536

Ion	Ratio	Lower	Upper
77	100		
105	88.0	80.8	120.8
106	77.5	75.7	115.7



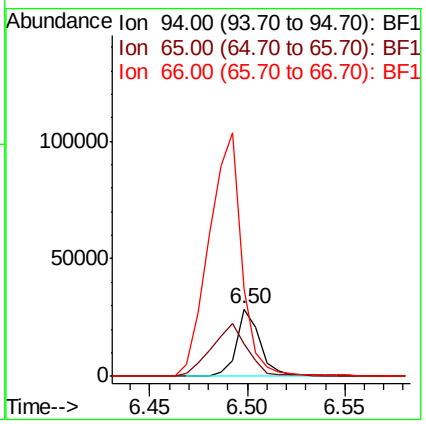


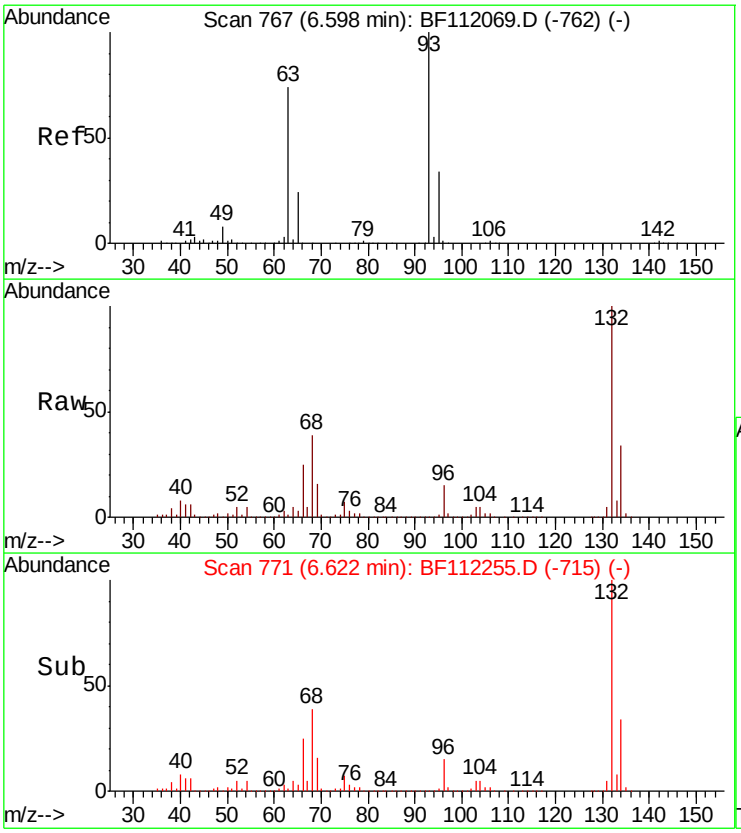
#10
Phenol
Concen: 1.253 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 94 Resp: 24089

Ion	Ratio	Lower	Upper
94	100		
65	47.9	20.3	60.3
66	130.0	42.4	82.4#

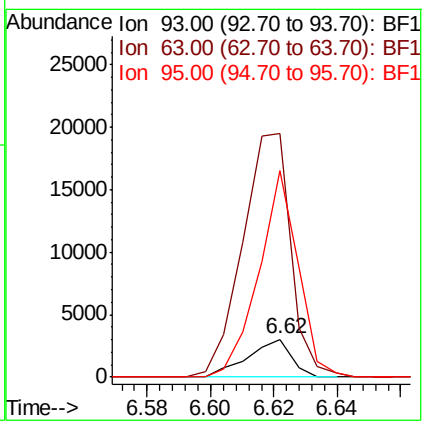


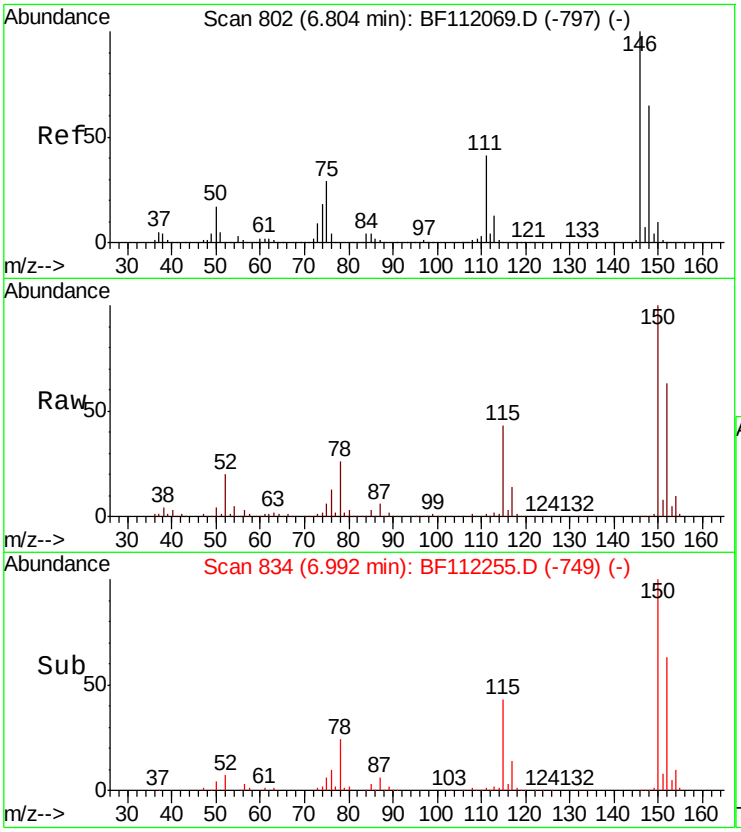


#11
bis(2-Chloroethyl)ether
Concen: 0.193 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.03 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 93 Resp: 2916

Ion	Ratio	Lower	Upper
93	100		
63	640.4	53.3	93.3#
95	542.6	13.4	53.4#



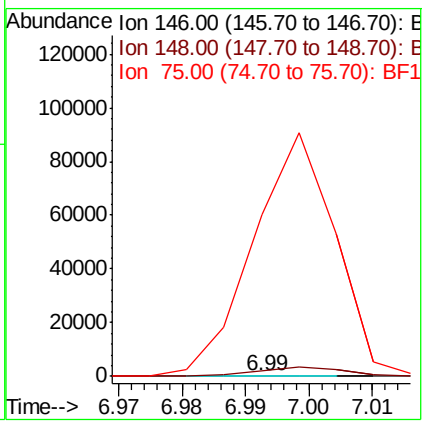


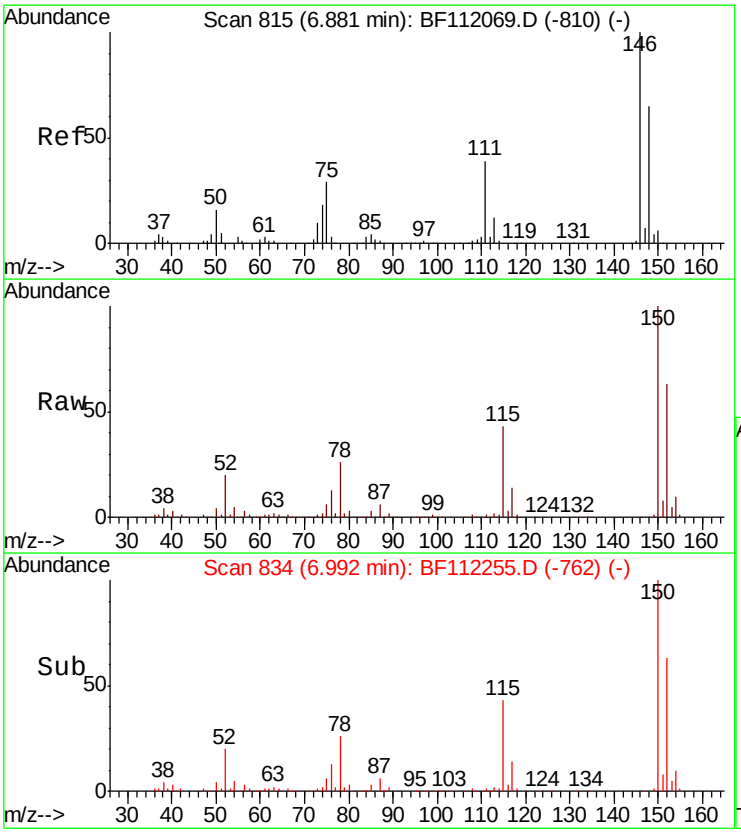
#12
1,3-Dichlorobenzene
Concen: 0.006 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.20 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:146 Resp: 109

Ion	Ratio	Lower	Upper
146	100		
148	626.1	51.8	77.8#
75	19450.3	23.1	34.7#

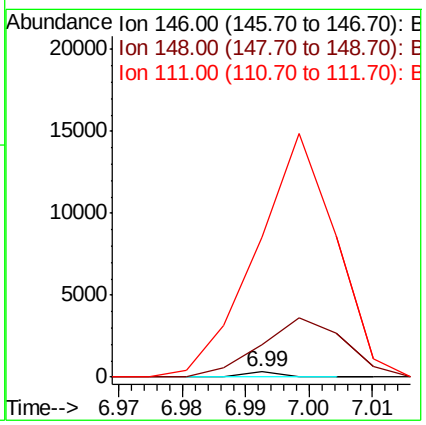


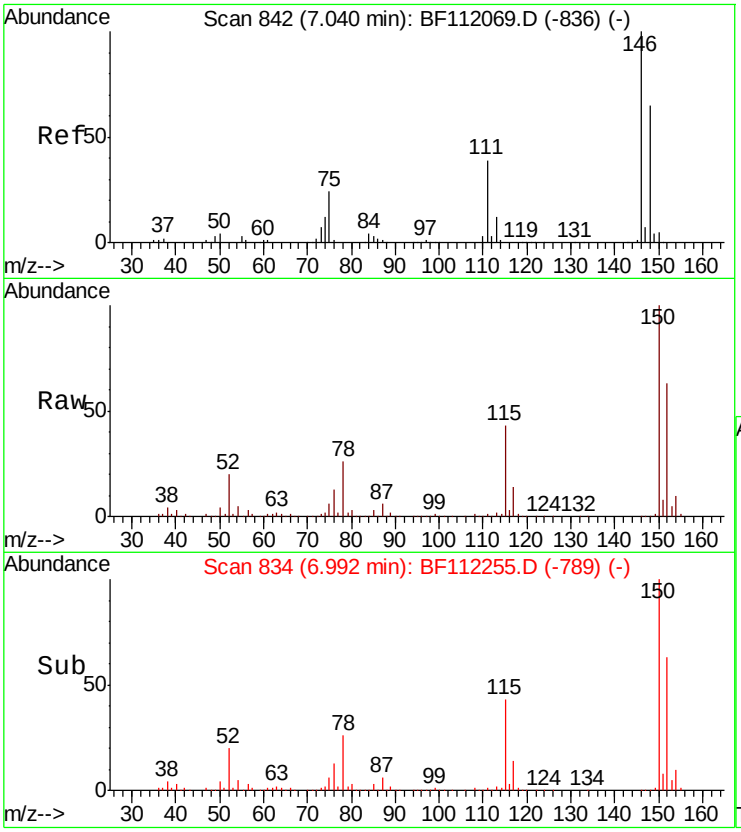


#13
1,4-Dichlorobenzene
Concen: 0.005 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.12 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:146 Resp: 109

Ion	Ratio	Lower	Upper
146	100		
148	626.1	52.0	78.0#
111	2765.8	31.2	46.8#



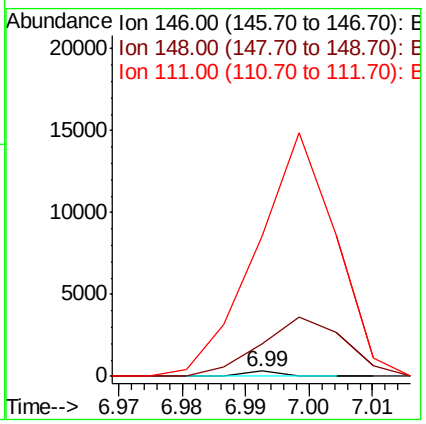


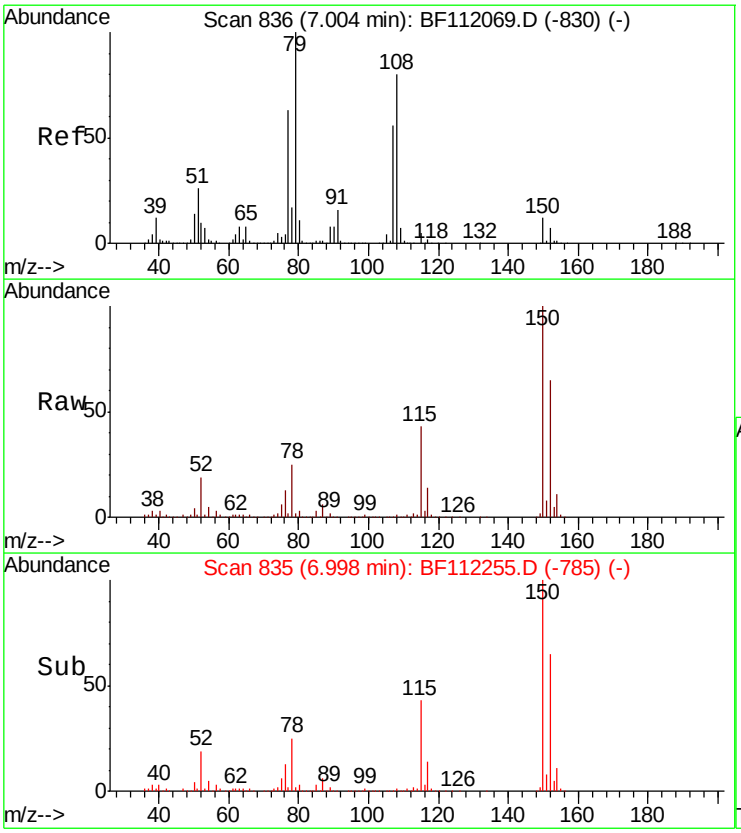
#14
1,2-Dichlorobenzene
Concen: 0.006 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.04 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:146 Resp: 109

Ion	Ratio	Lower	Upper
146	100		
148	626.1	52.2	78.4#
111	2765.8	31.2	46.8#

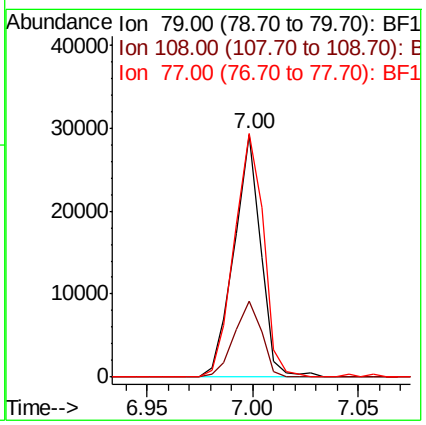


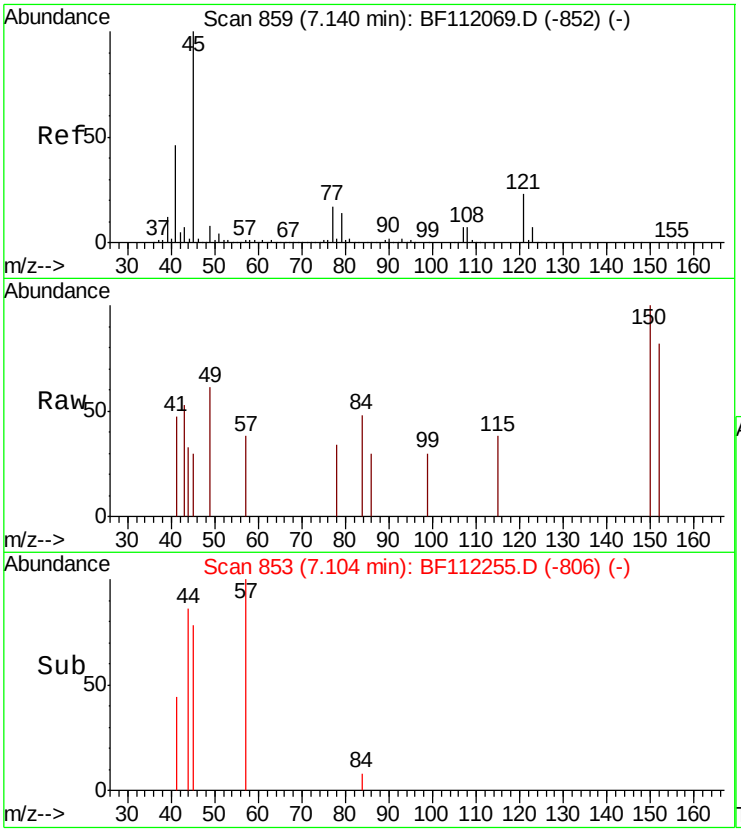


#15
Benzyl Alcohol
Concen: 1.727 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 79 Resp: 25516

Ion	Ratio	Lower	Upper
79	100		
108	31.0	64.2	96.2#
77	100.2	50.3	75.5#



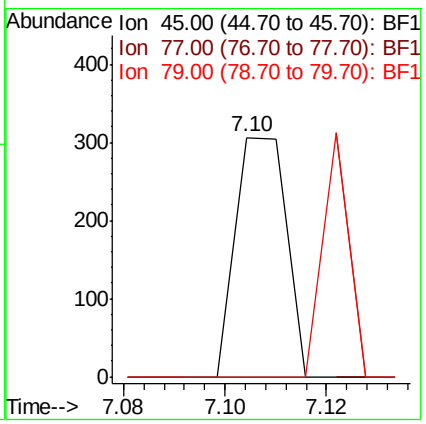


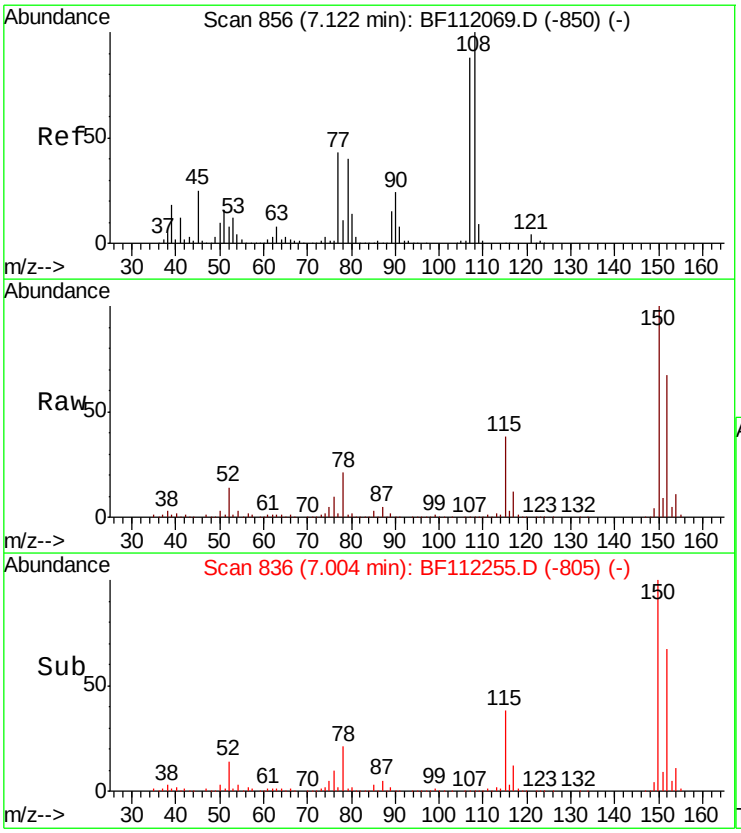
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.011 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 45 Resp: 215

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	36.9
79	0.0	0.0	34.0

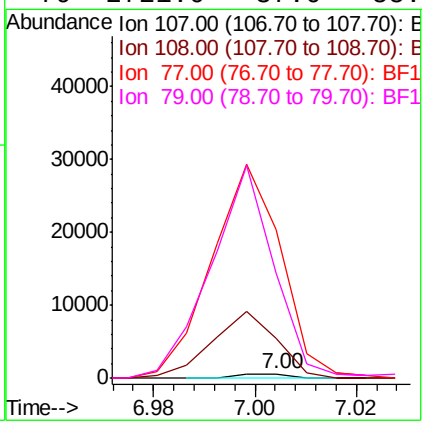


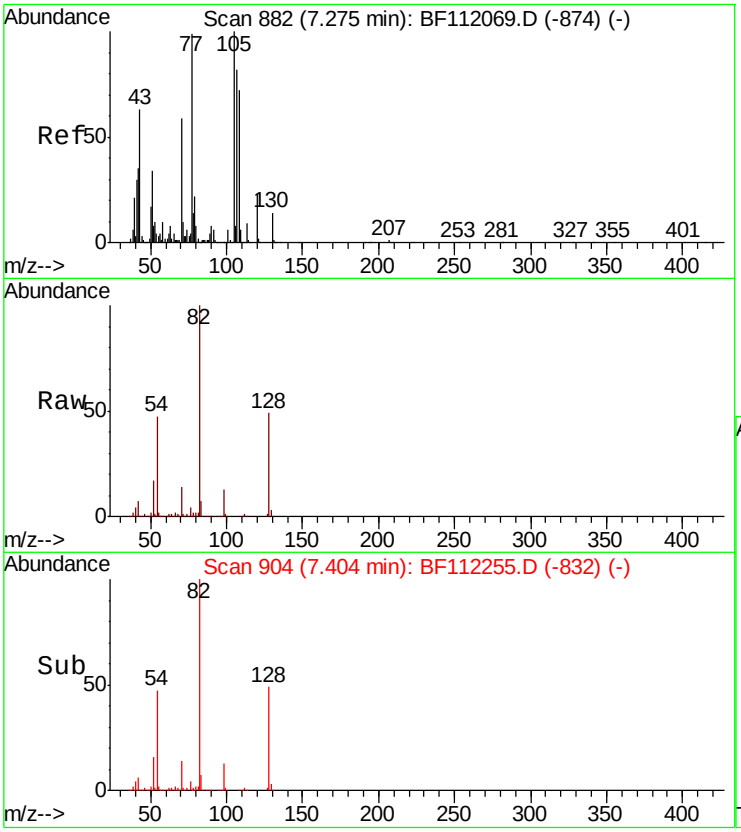


#17
2-Methylphenol
Concen: 0.026 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.12 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:107 Resp: 352

Ion	Ratio	Lower	Upper
107	100		
108	1020.5	91.3	136.9#
77	3850.0	39.0	58.6#
79	2721.0	37.0	55.4#



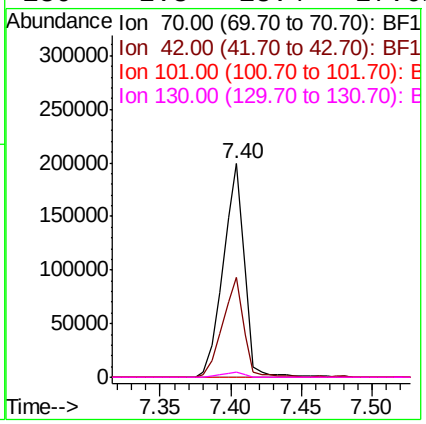


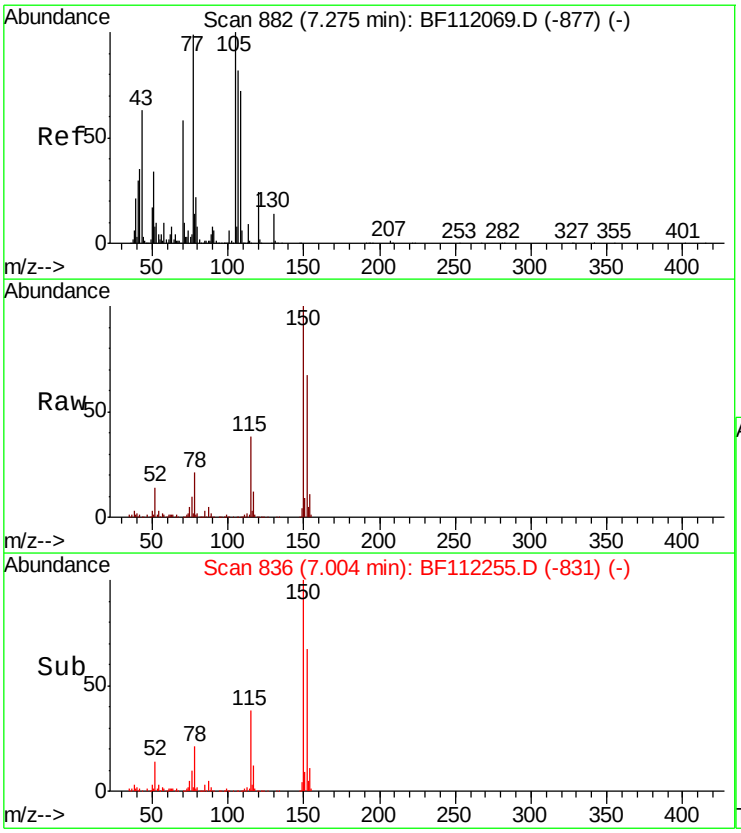
#19
n-Nitroso-di-n-propylamine
Concen: 17.124 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 70 Resp: 206904

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

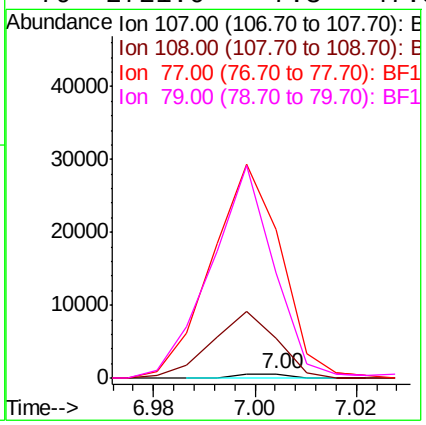


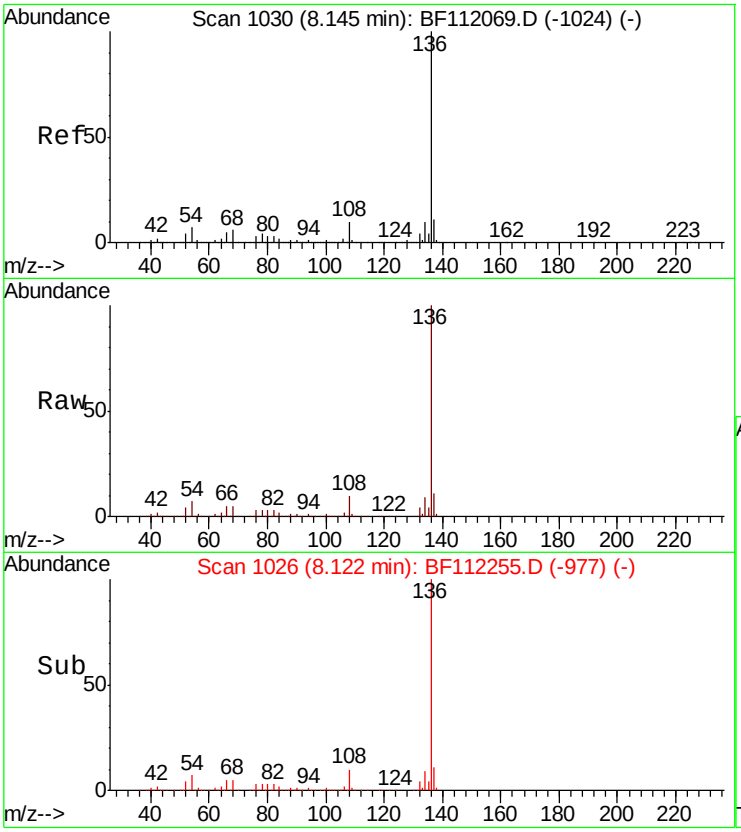


#20
3+4-Methylphenols
Concen: 0.020 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.27 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:107 Resp: 352

Ion	Ratio	Lower	Upper
107	100		
108	1020.5	68.2	108.2#
77	3850.0	100.7	140.7#
79	2721.0	7.3	47.3#



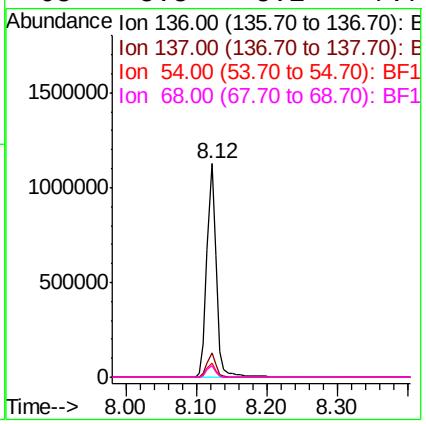


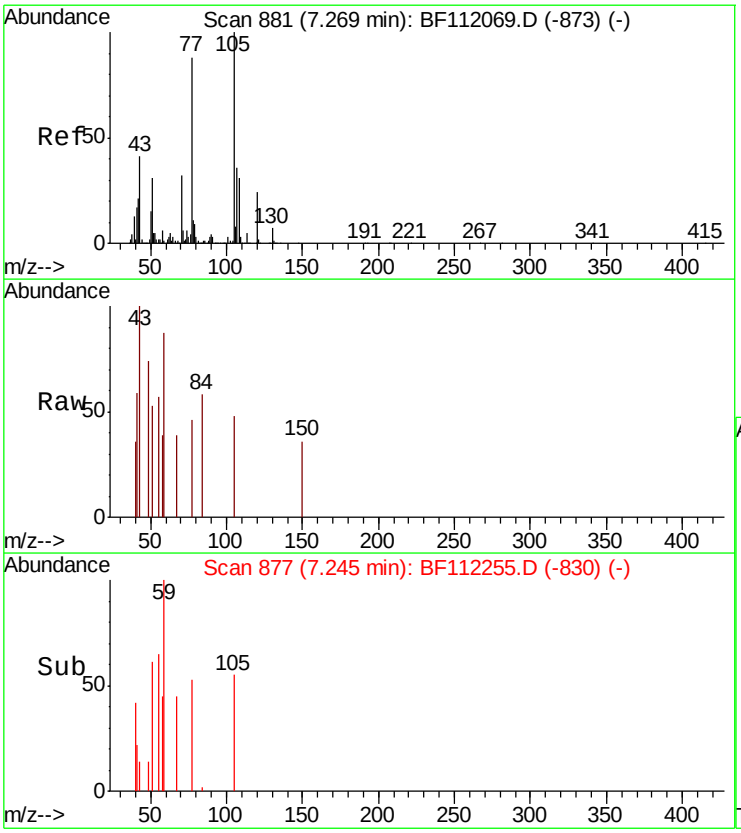
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:136 Resp: 1038831

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.5	5.9	8.9
68	5.3	5.1	7.7

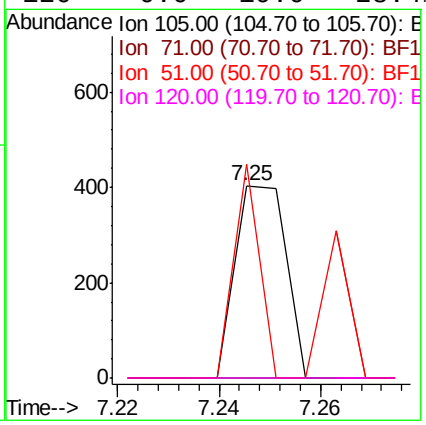


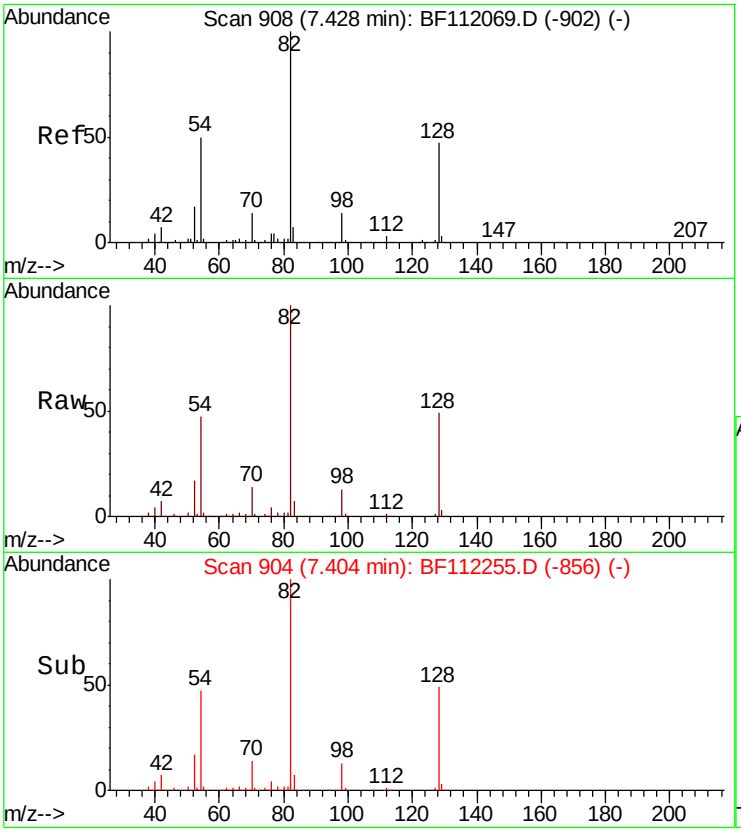


#22
Acetophenone
Concen: 0.011 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:105 Resp: 283

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.6	6.8#
51	110.9	25.0	37.6#
120	0.0	19.0	28.4#



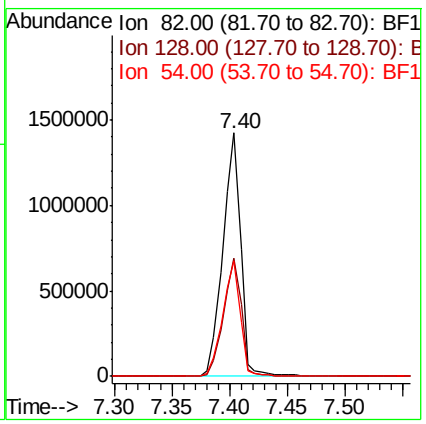


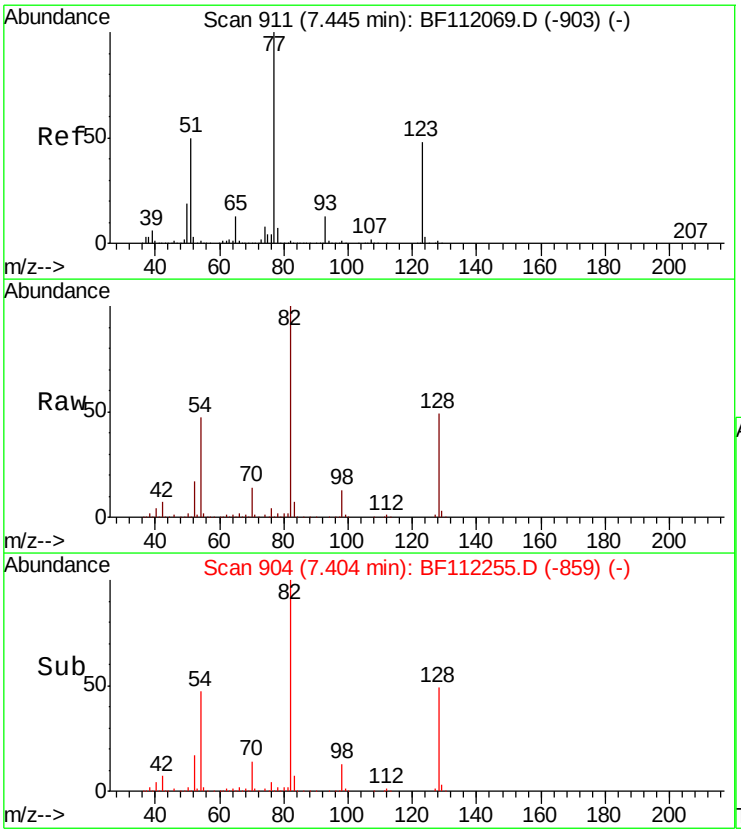
#23
Nitrobenzene-d5
Concen: 84.550 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 82 Resp: 1524359

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	47.4	39.7	59.5

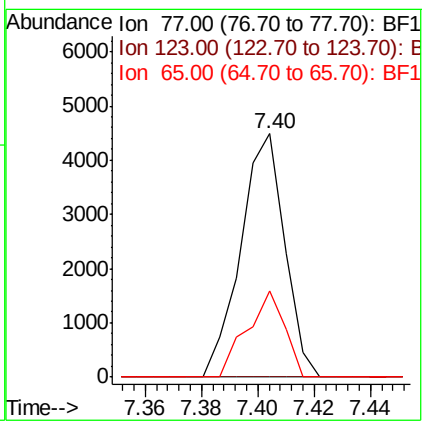


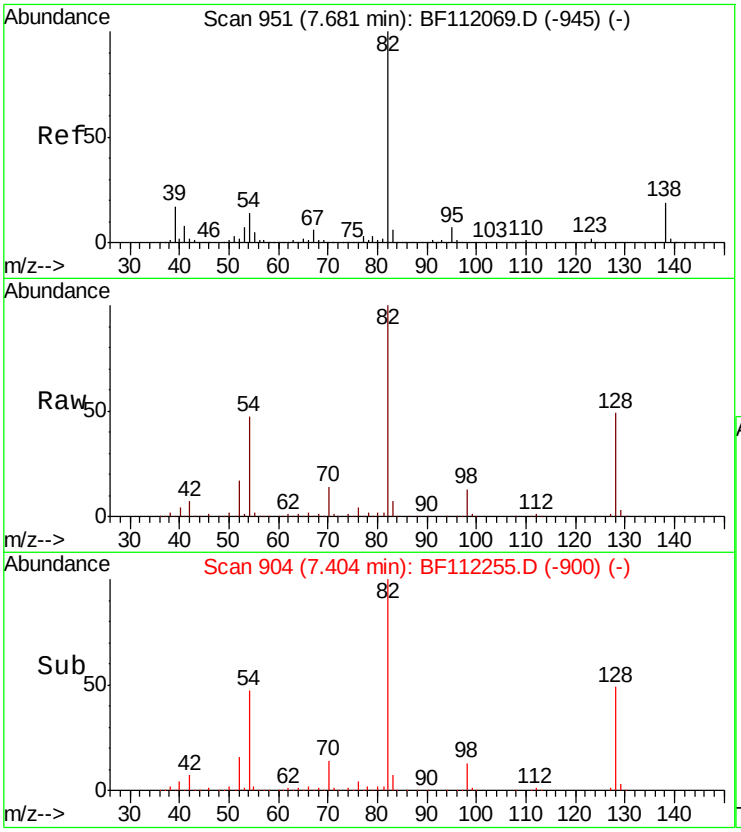


#24
Nitrobenzene
Concen: 0.269 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 77 Resp: 4836

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	35.4	10.6	15.8#



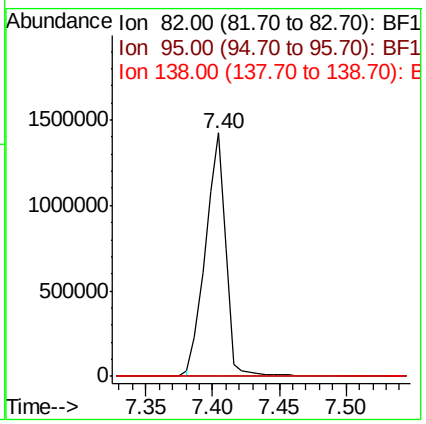


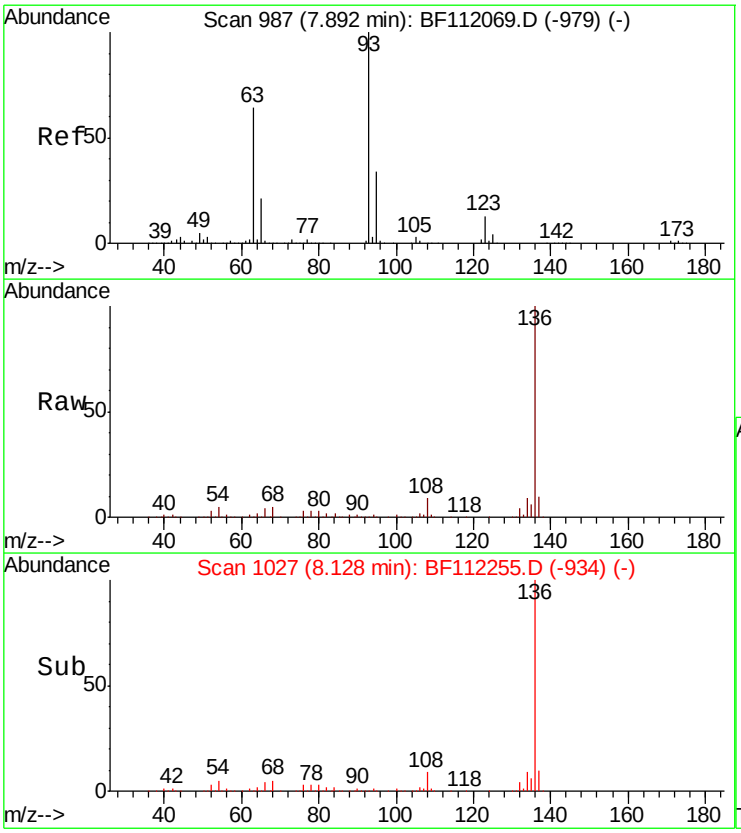
#25
Isophorone
Concen: 52.822 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 82 Resp: 1494013

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

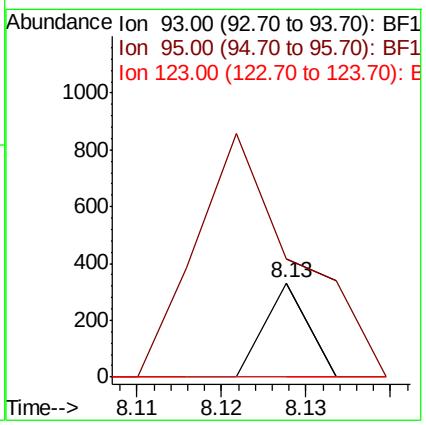


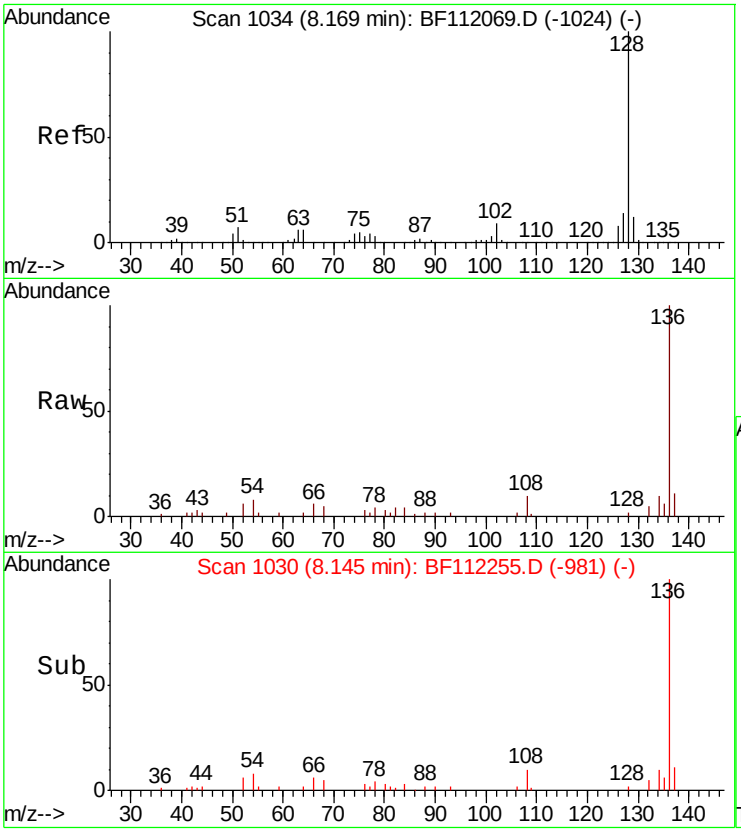


#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.25 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion: 93 Resp: 117

Ion	Ratio	Lower	Upper
93	100		
95	125.6	26.8	40.2#
123	0.0	10.2	15.2#



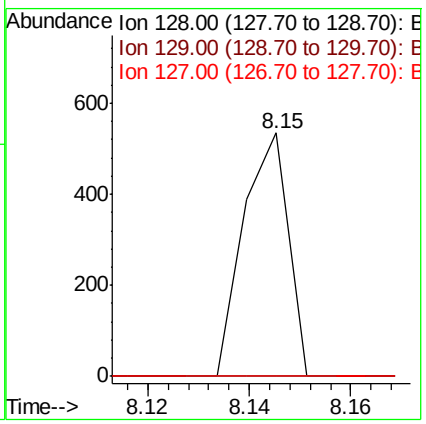


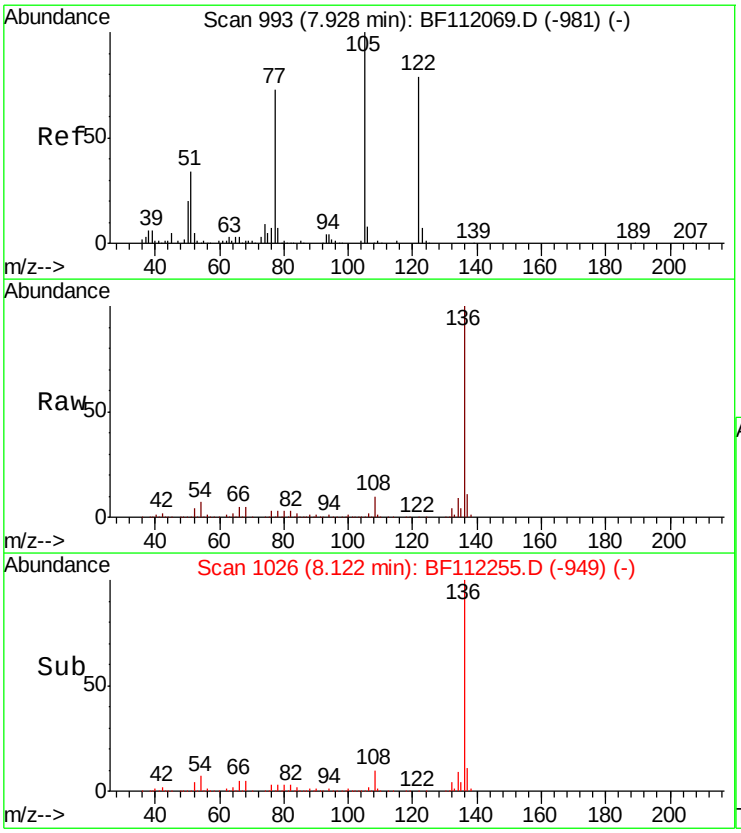
#31
Naphthalene
Concen: 0.007 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:128 Resp: 326

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.6	14.4#
127	0.0	11.1	16.7#

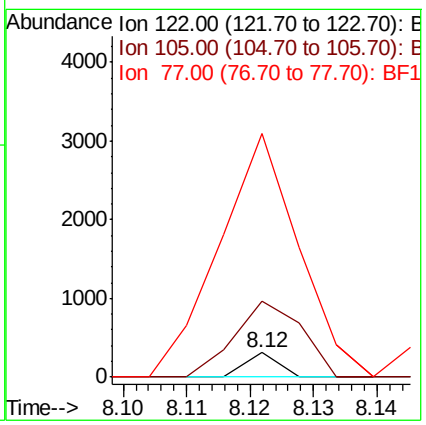


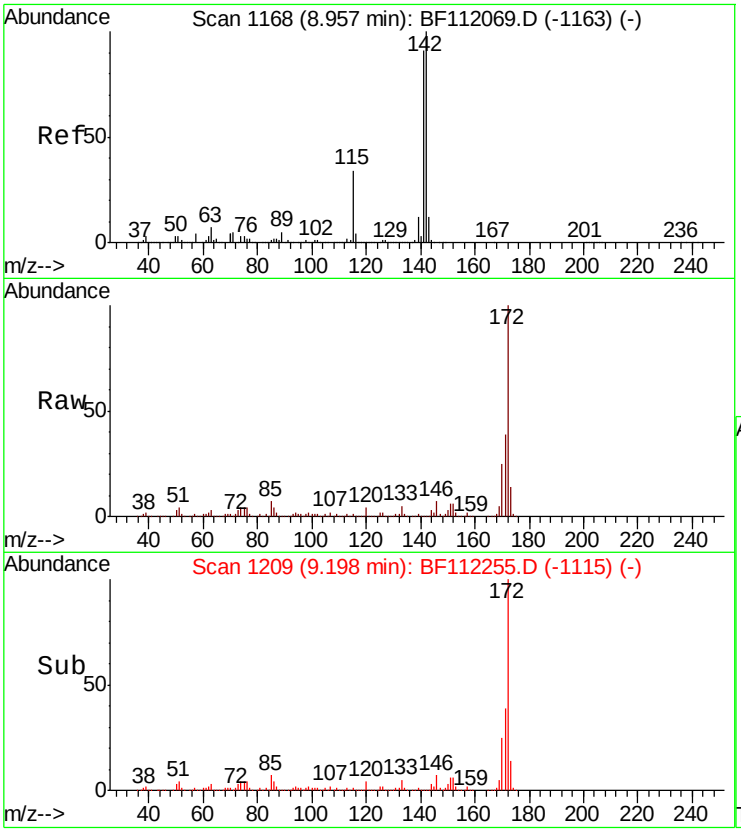


#32
Benzoic acid
Concen: 0.014 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.15 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	311.4	101.2	141.2#
77	1004.9	70.4	110.4#



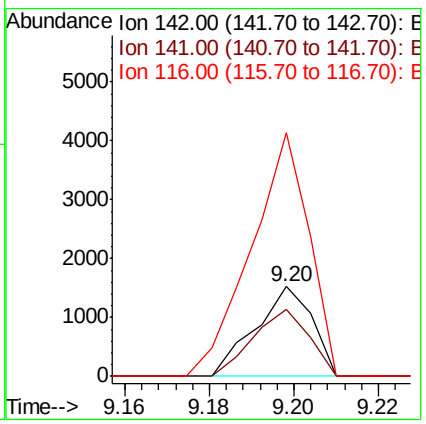


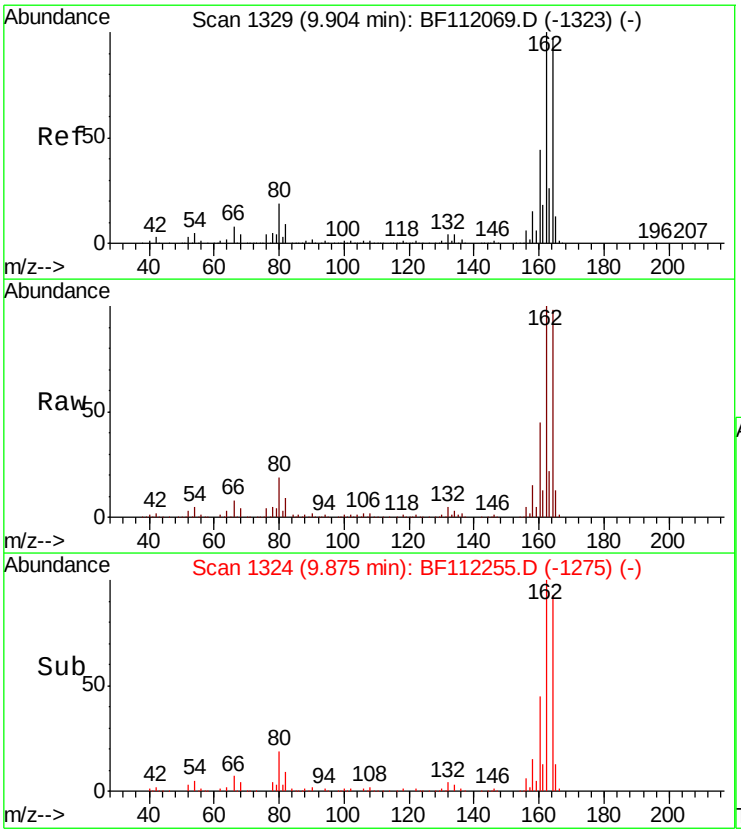
#38
1-Methylnaphthalene
Concen: 0.045 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.25 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:142 Resp: 1431

Ion	Ratio	Lower	Upper
142	100		
141	74.4	72.6	108.8
116	271.0	2.8	4.2#

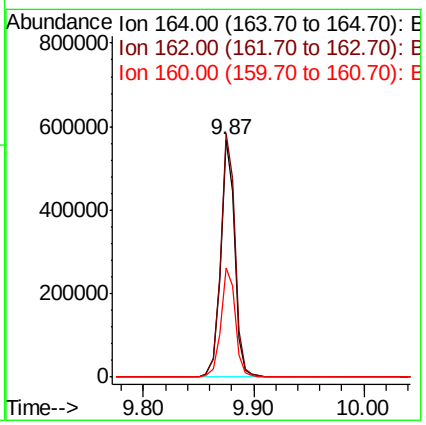


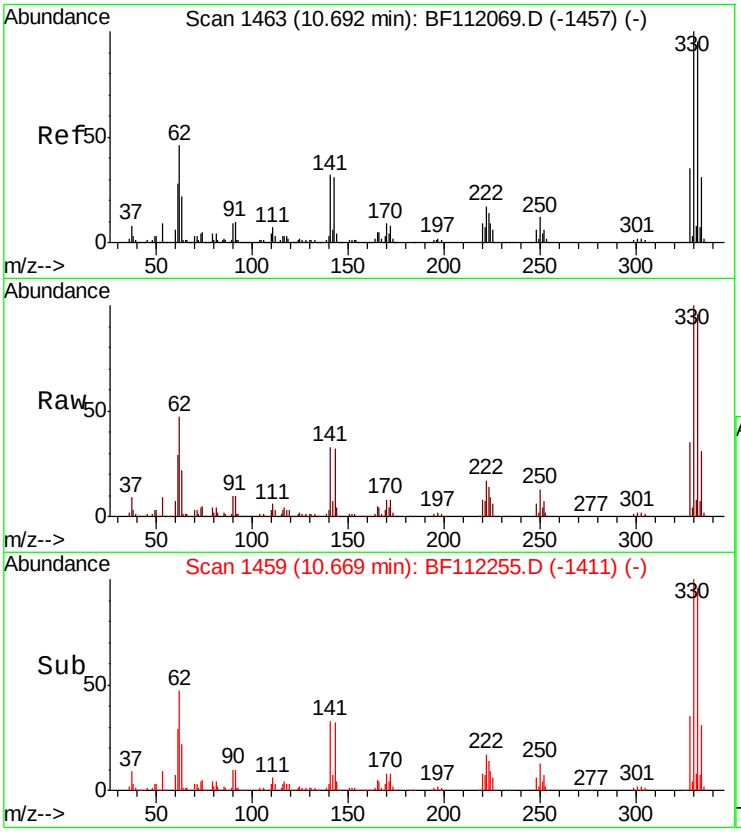


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:164 Resp: 503612

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	45.8	36.2	54.4



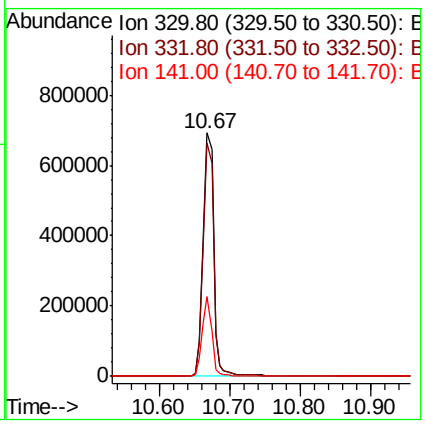


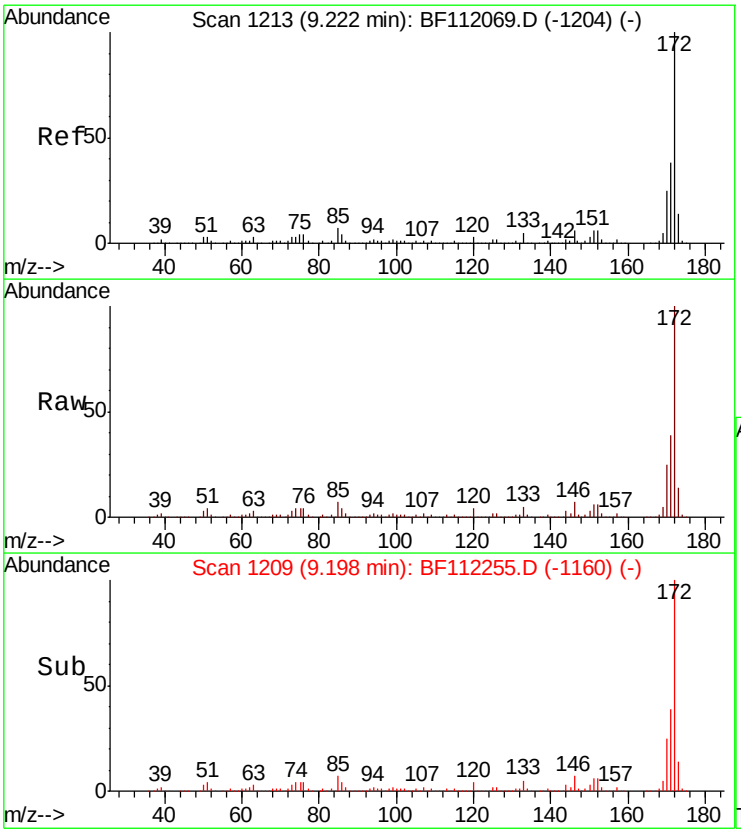
#42
2,4,6-Tribromophenol
Concen: 125.214 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:330 Resp: 733994

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	29.6	24.3	36.5

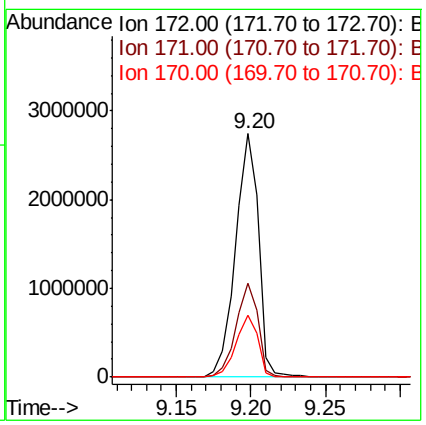


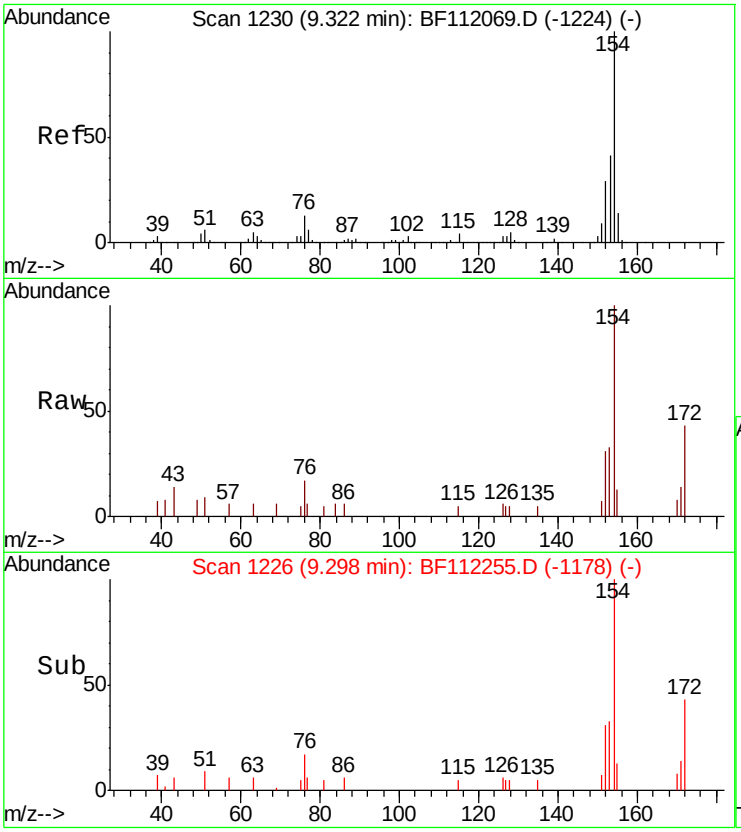


#45
2-Fluorobiphenyl
Concen: 83.121 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:172 Resp: 2959734

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	25.4	20.2	30.4



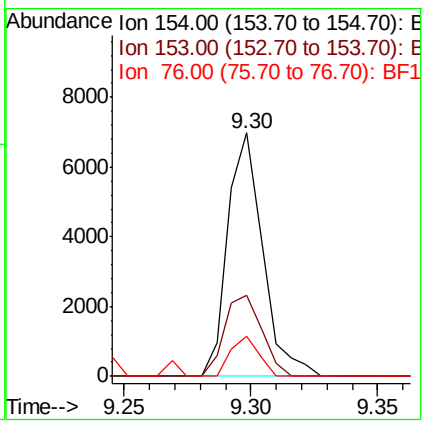


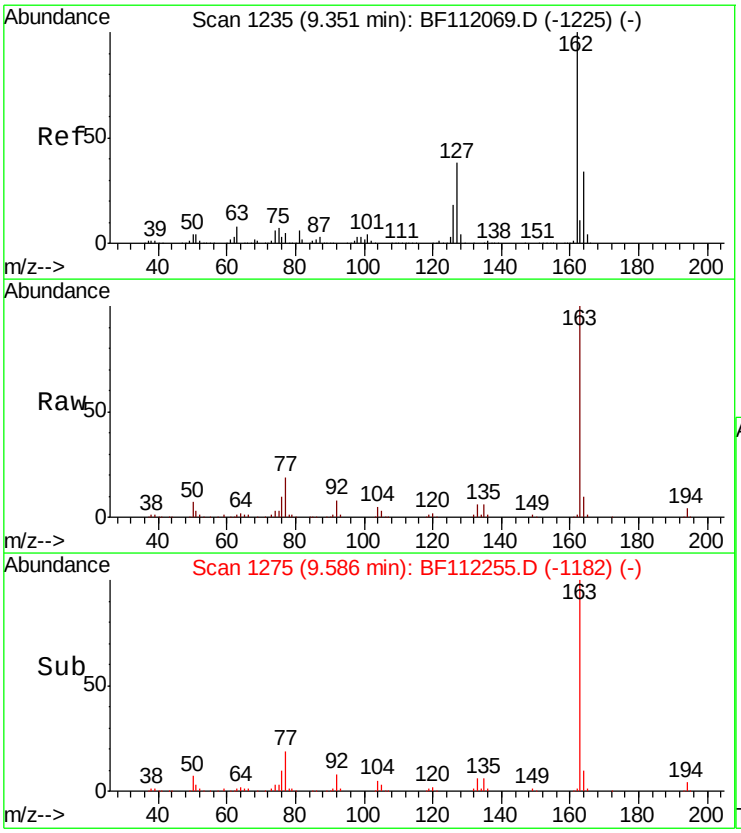
#46
1,1'-Biphenyl
Concen: 0.152 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:154 Resp: 6690

Ion	Ratio	Lower	Upper
154	100		
153	33.2	21.5	61.5
76	16.6	0.0	33.1

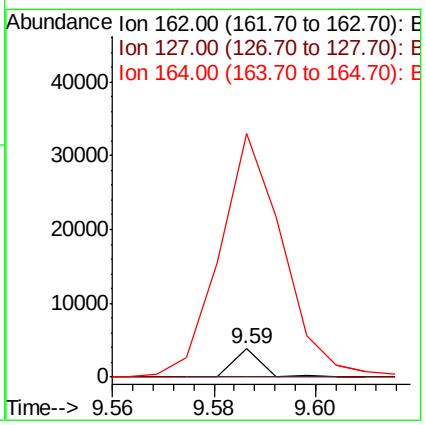


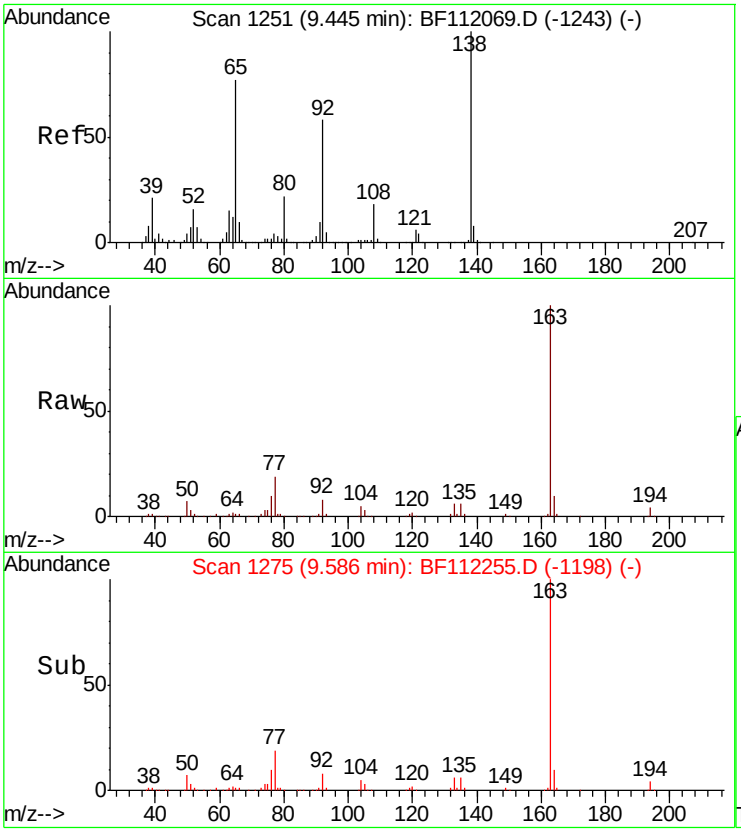


#47
2-Chloronaphthalene
Concen: 0.043 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.25 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:162 Resp: 1468

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.4	45.6#
164	855.2	27.4	41.2#



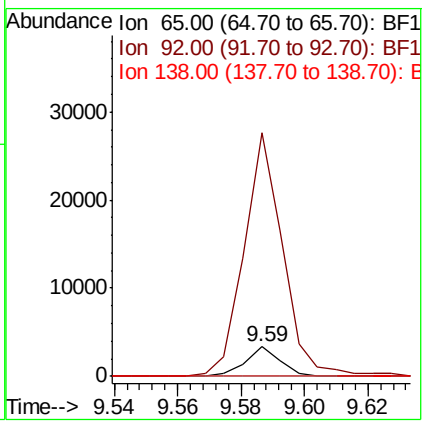


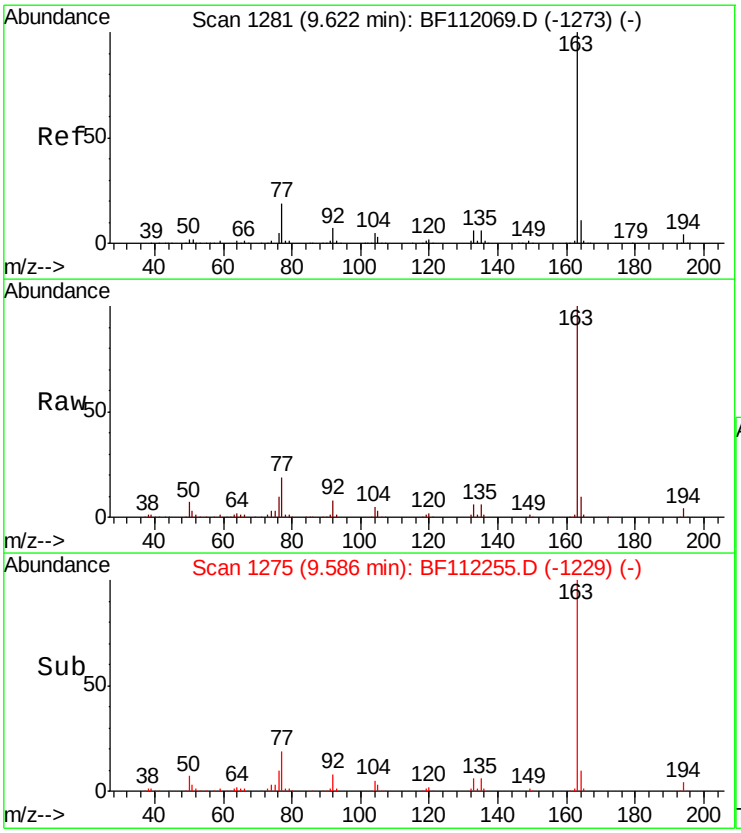
#48
2-Nitroaniline
Concen: 0.270 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.15 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 65 Resp: 2514

Ion	Ratio	Lower	Upper
65	100		
92	821.7	60.4	90.6#
138	0.0	104.4	156.6#

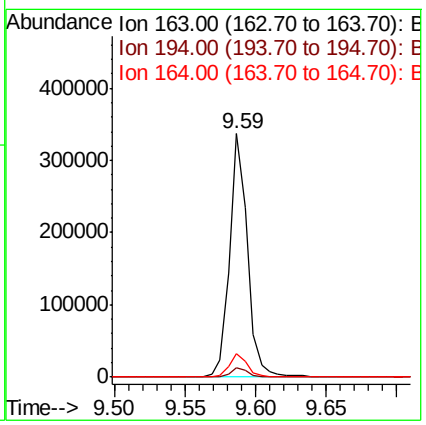


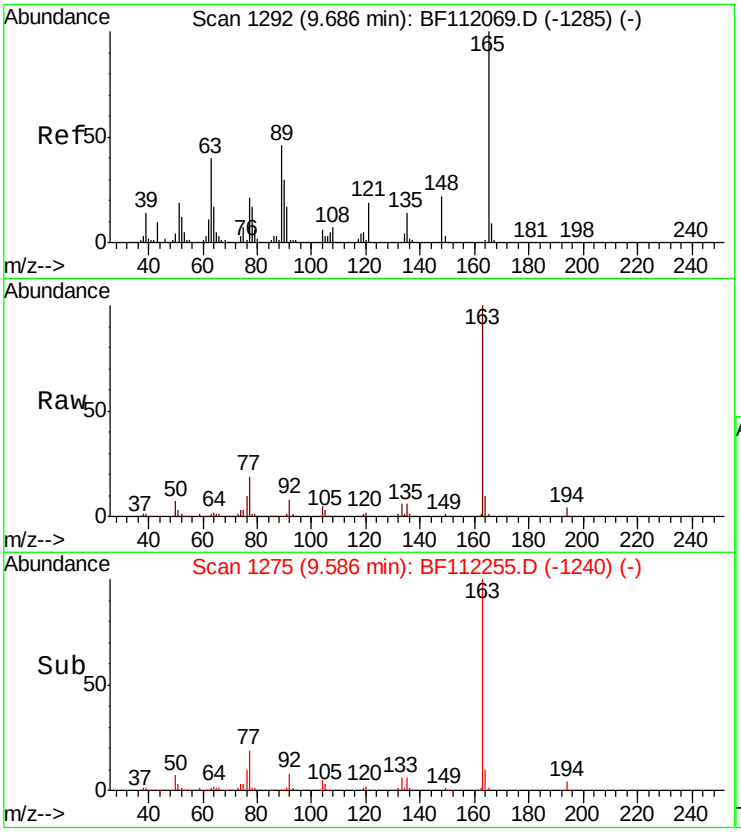


#50
Dimethylphthalate
Concen: 7.579 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:163 Resp: 296557

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.8	8.5	12.7



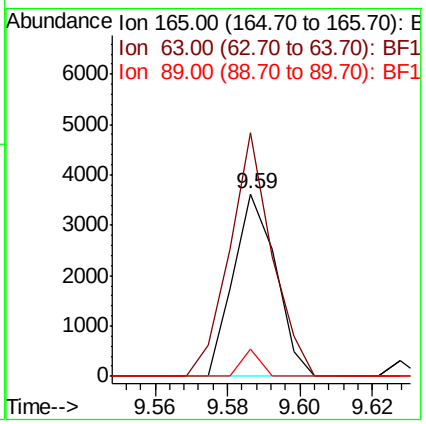


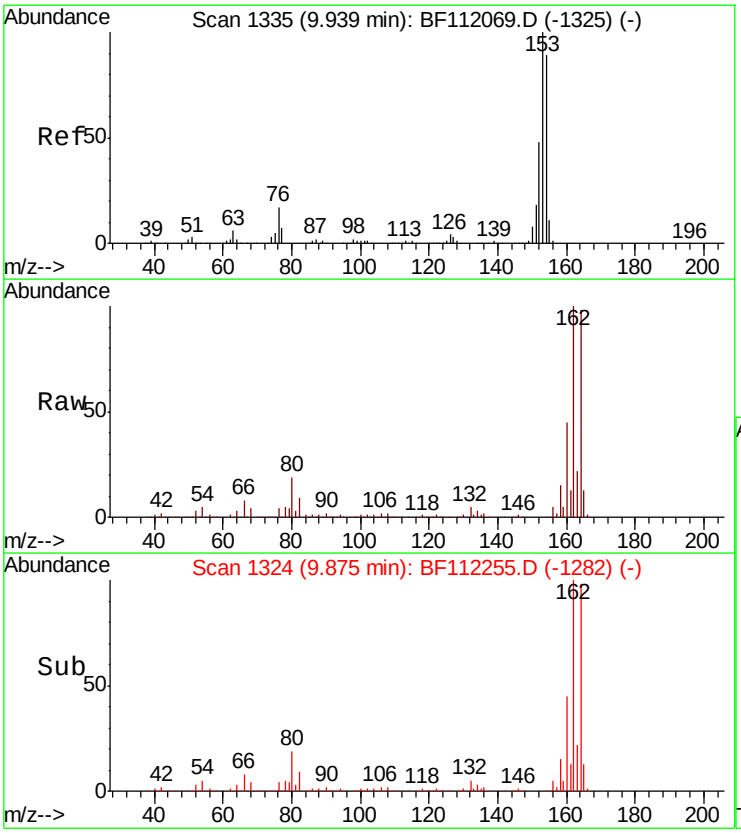
#51
2,6-Dinitrotoluene
Concen: 0.337 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.09 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:165 Resp: 2949

Ion	Ratio	Lower	Upper
165	100		
63	133.6	33.8	50.8#
89	14.8	36.9	55.3#

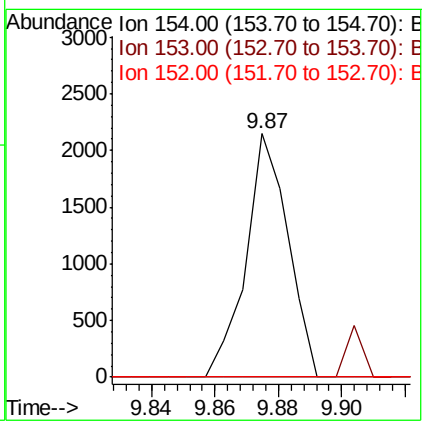


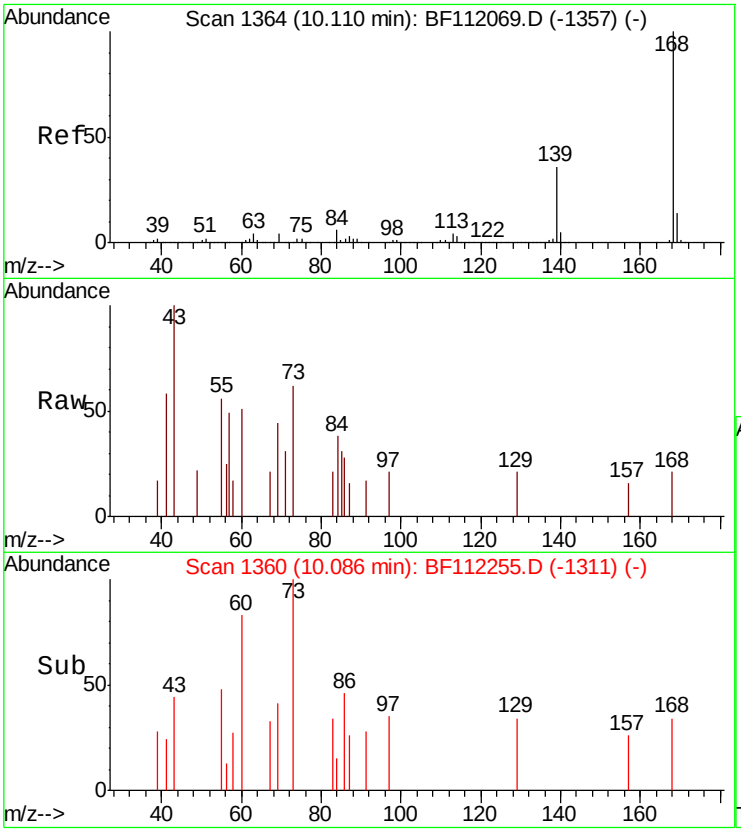


#52
Acenaphthene
Concen: 0.066 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:154 Resp: 1973

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.8	134.6#
152	0.0	43.5	65.3#



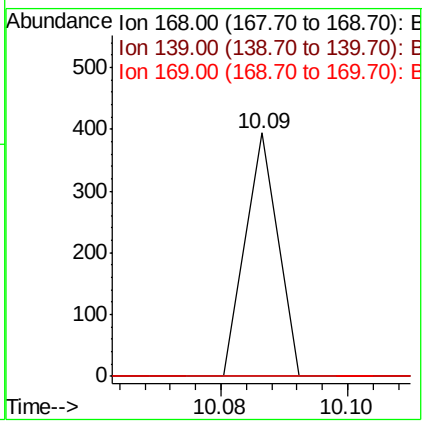


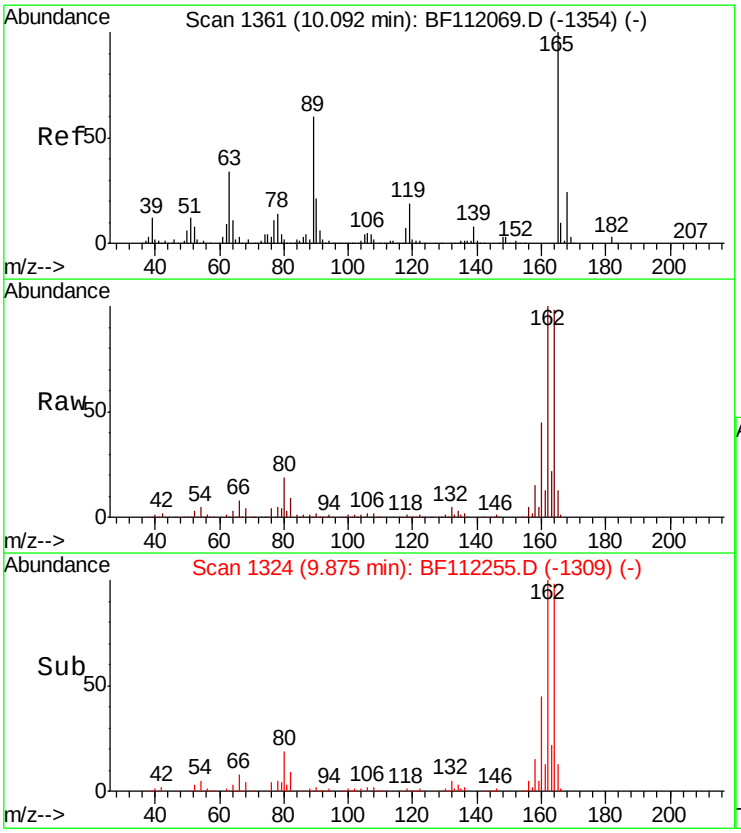
#55
Dibenzofuran
Concen: 0.003 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:168 Resp: 139

Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.2	43.8#
169	0.0	11.4	17.0#

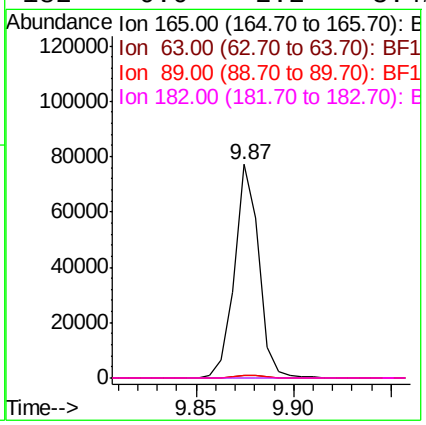


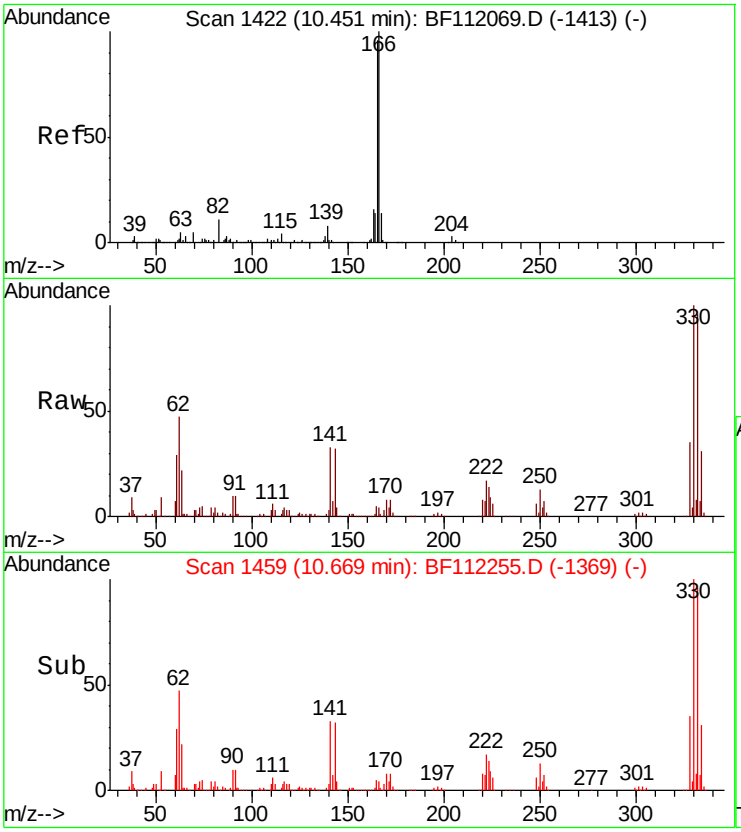


#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:165 Resp: 66340

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#



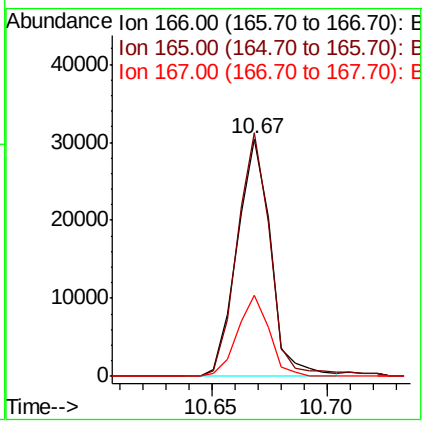


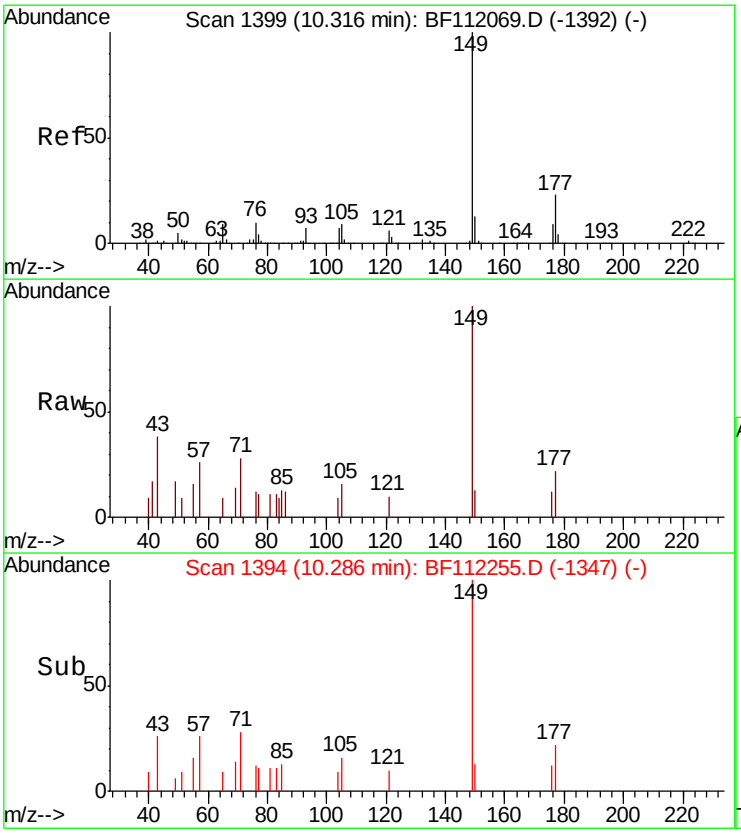
#58
Fluorene
Concen: 0.908 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.23 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:166 Resp: 31025

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.1	115.7
167	33.9	11.3	16.9#

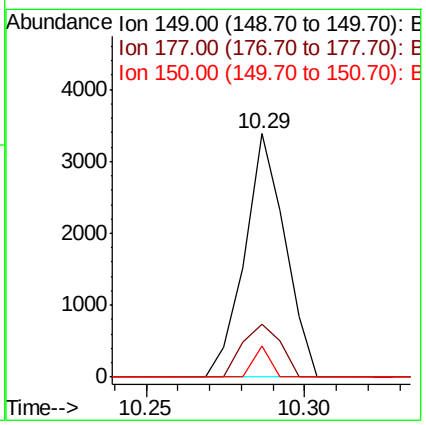


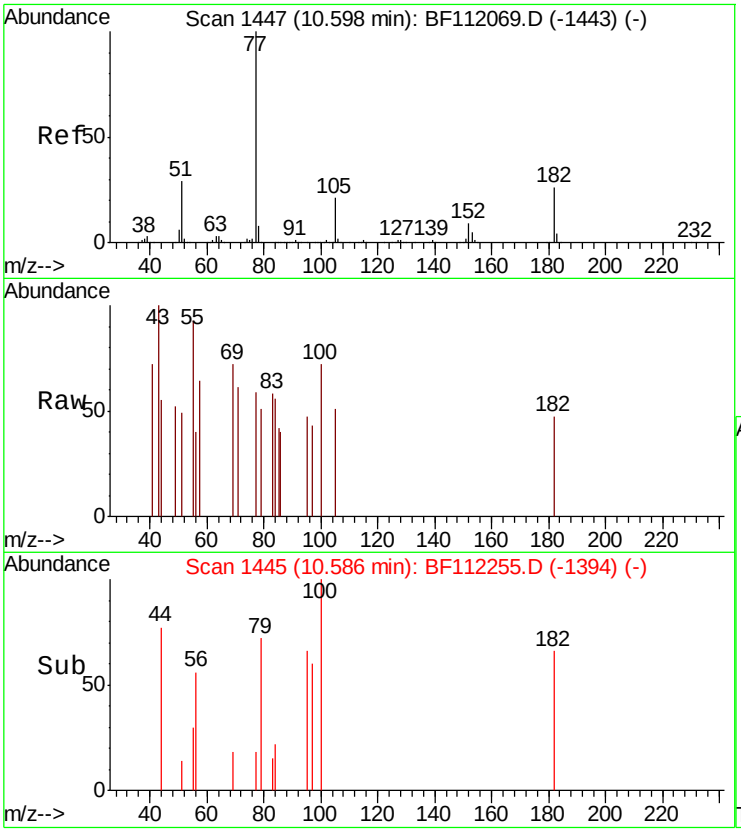


#60
Diethylphthalate
Concen: 0.077 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:149 Resp: 2997

Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.2	27.2
150	12.6	10.4	15.6



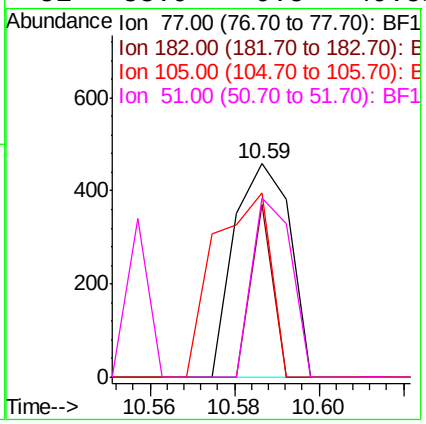


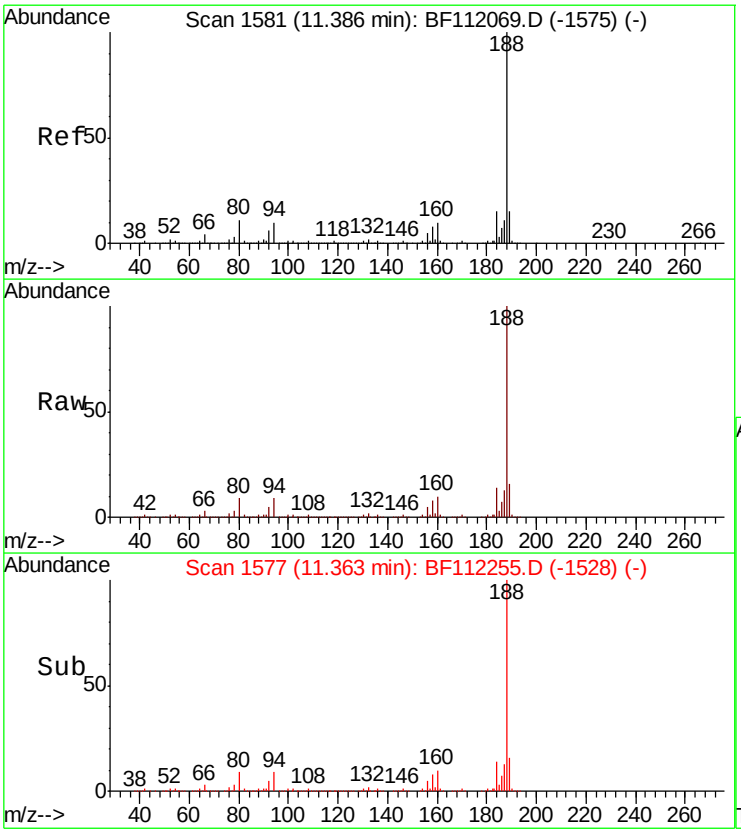
#63
Azobenzene
Concen: 0.012 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion: 77 Resp: 422

Ion	Ratio	Lower	Upper
77	100		
182	80.8	5.7	45.7#
105	86.3	1.4	41.4#
51	83.9	9.5	49.5#

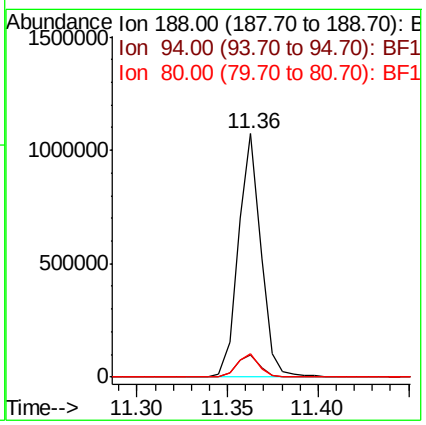


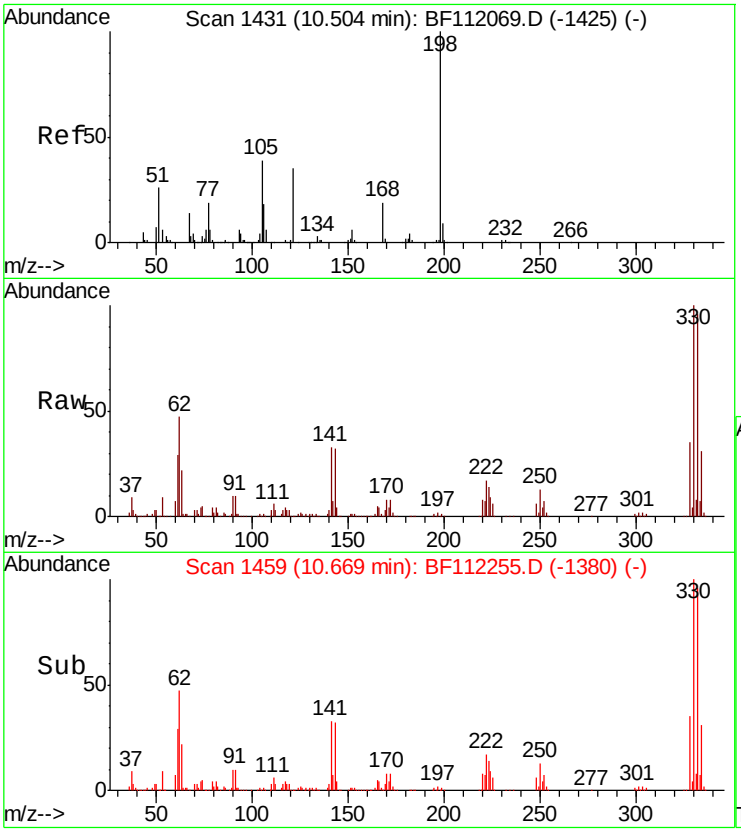


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:188 Resp: 927258

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.4	8.9	13.3



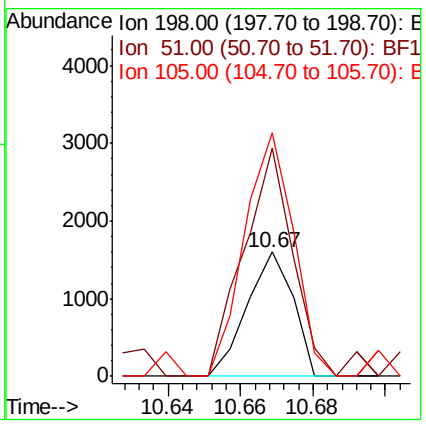


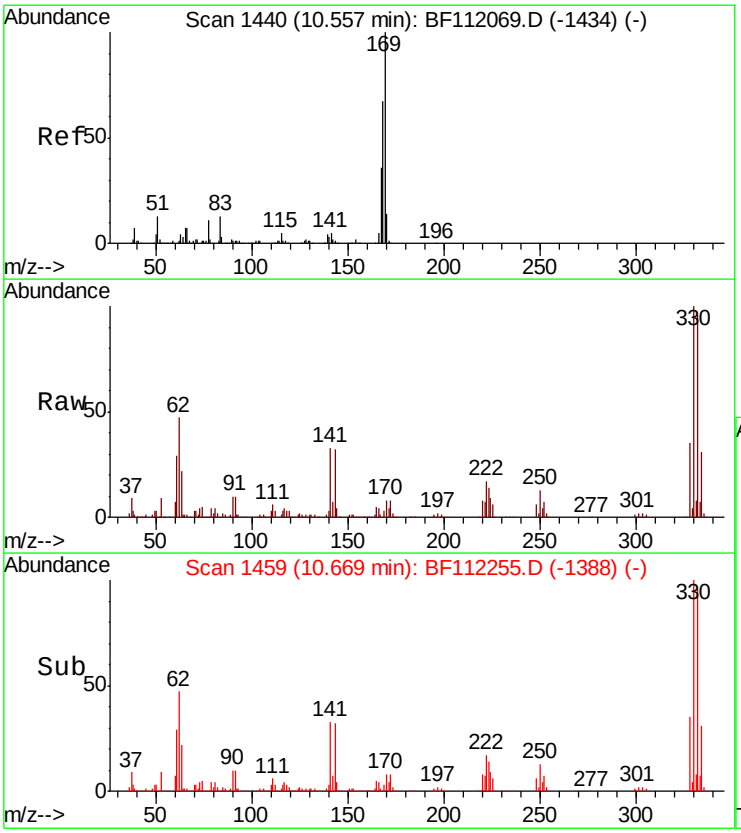
#65
4,6-Dinitro-2-methylphenol
Concen: 0.271 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.16 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:198 Resp: 1410

Ion	Ratio	Lower	Upper
198	100		
51	184.5	17.2	57.2#
105	196.4	21.9	61.9#

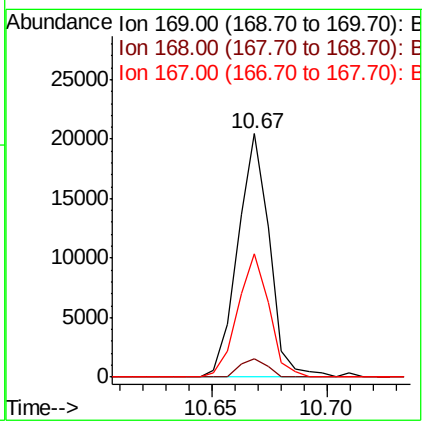


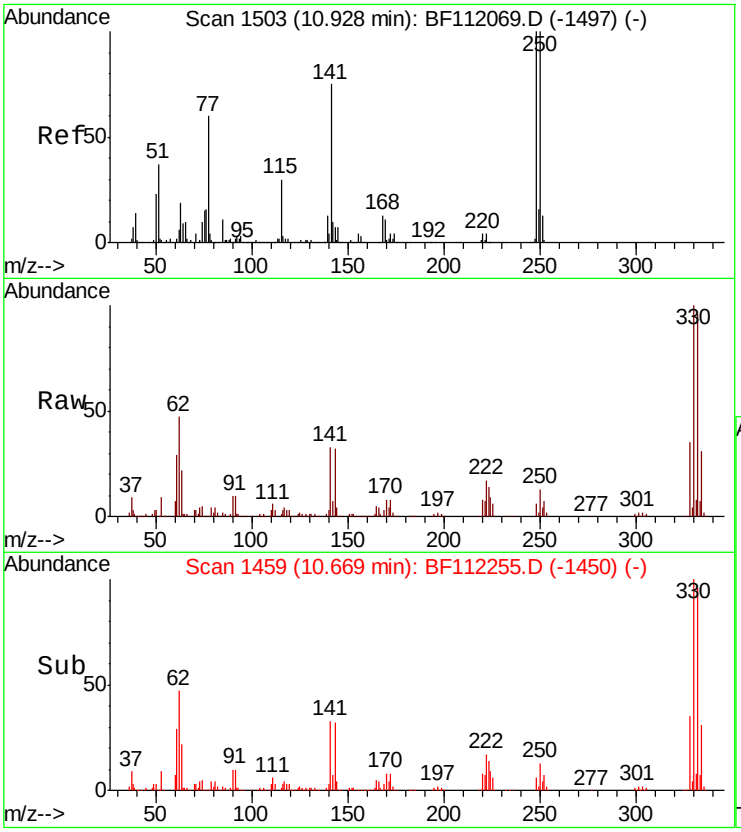


#66
n-Nitrosodiphenylamine
Concen: 0.626 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.12 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:169 Resp: 19552

Ion	Ratio	Lower	Upper
169	100		
168	7.7	53.9	80.9#
167	50.6	28.9	43.3#



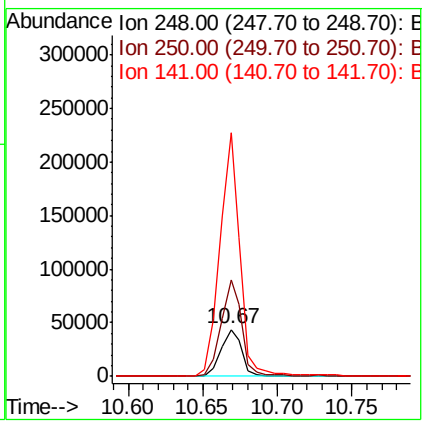


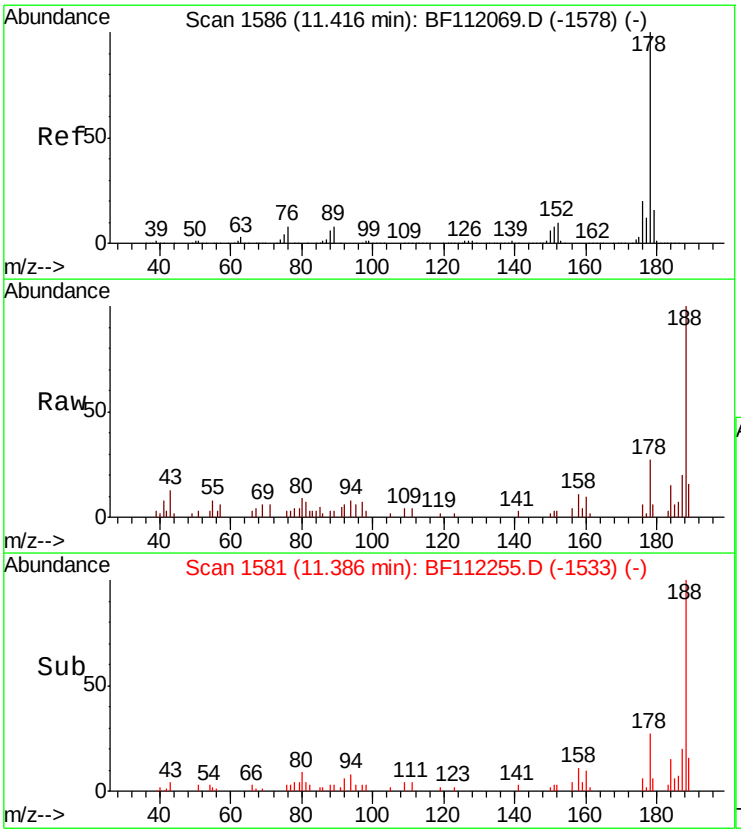
#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:248 Resp: 43544

Ion	Ratio	Lower	Upper
248	100		
250	204.5	79.7	119.5#
141	516.9	60.3	90.5#

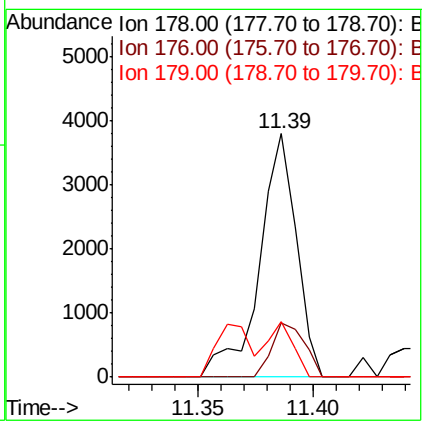


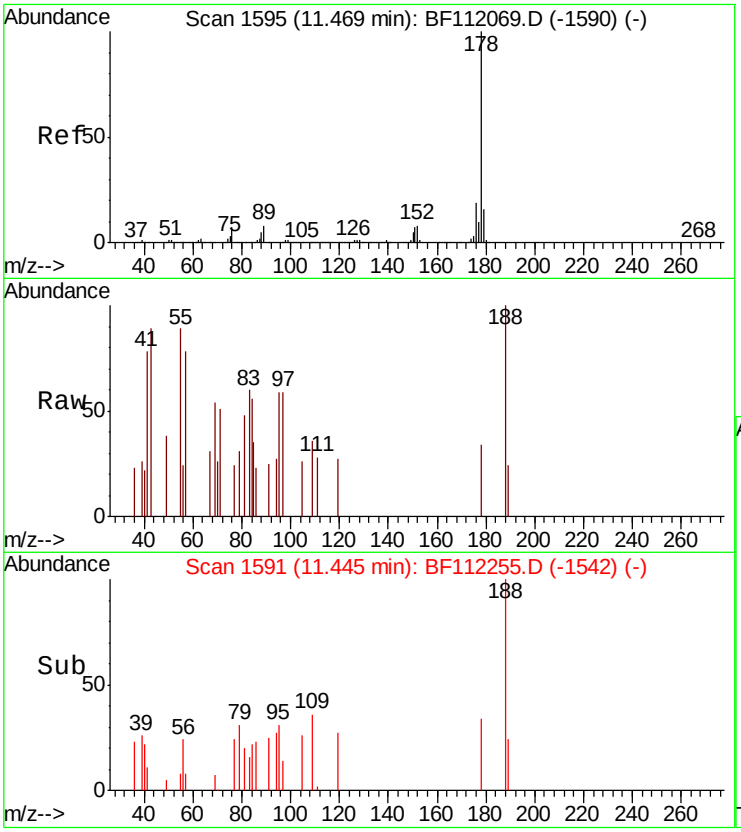


#71
Phenanthrene
Concen: 0.087 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:178 Resp: 4205

Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.3	24.5
179	23.0	13.0	19.4#



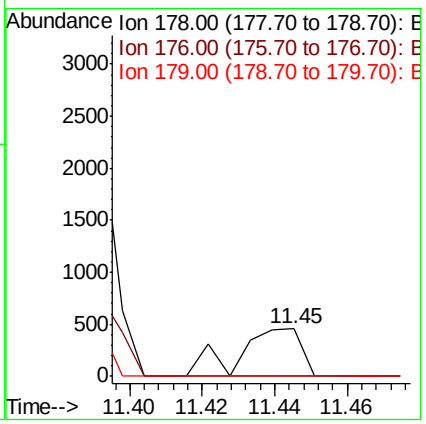


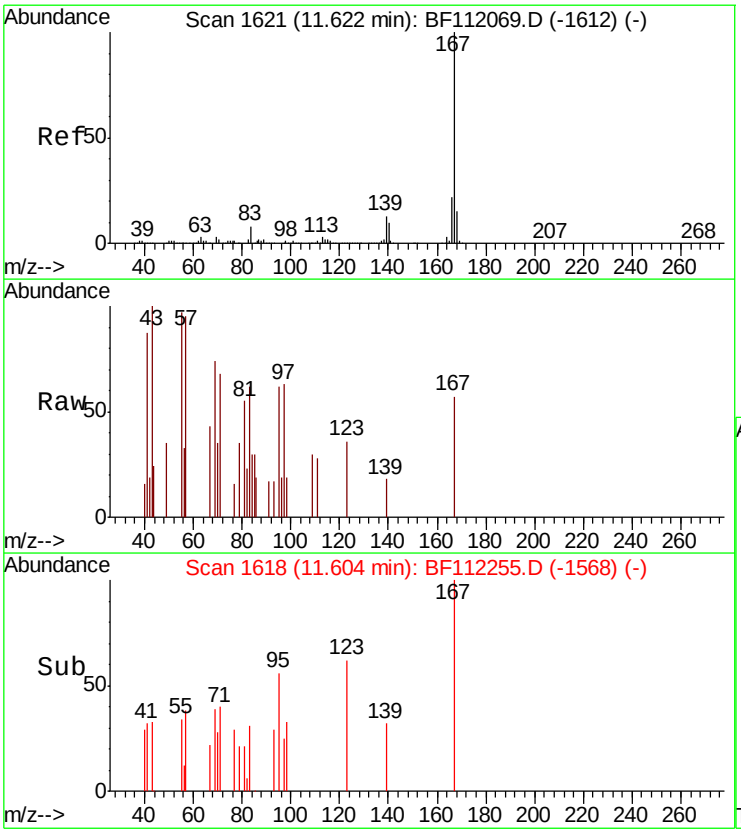
#72
Anthracene
Concen: 0.011 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:178 Resp: 547

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	12.8	19.2#

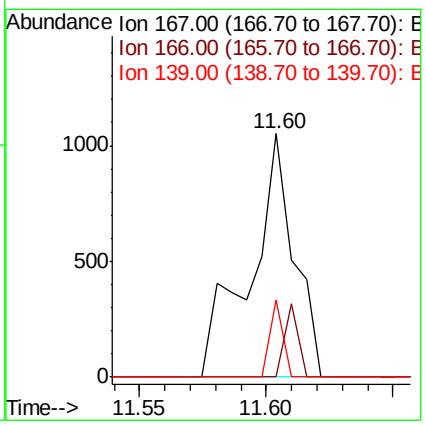


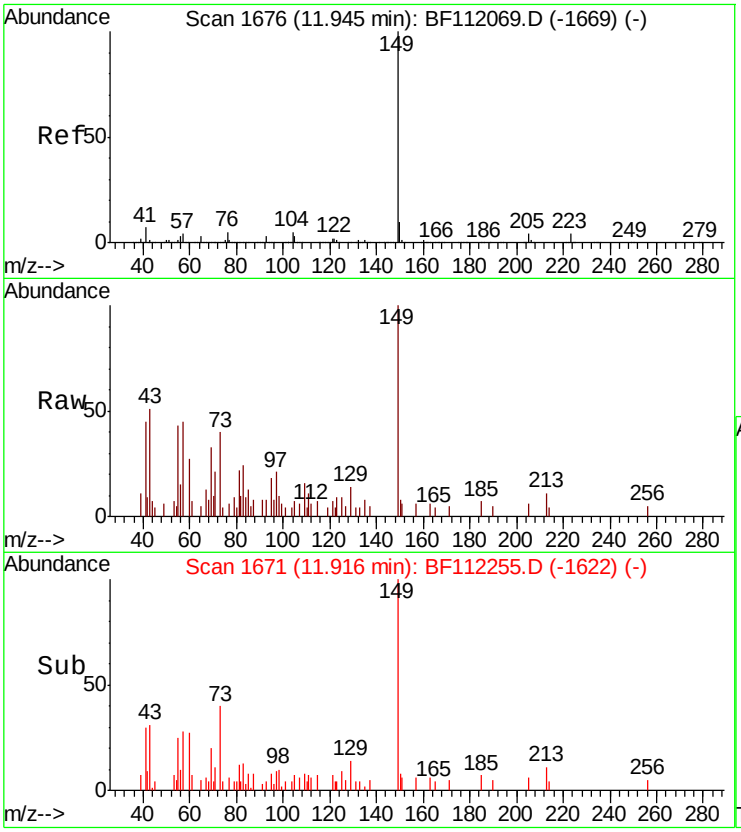


#73
Carbazole
Concen: 0.027 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:167 Resp: 1274

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.9	26.9#
139	31.6	10.2	15.2#



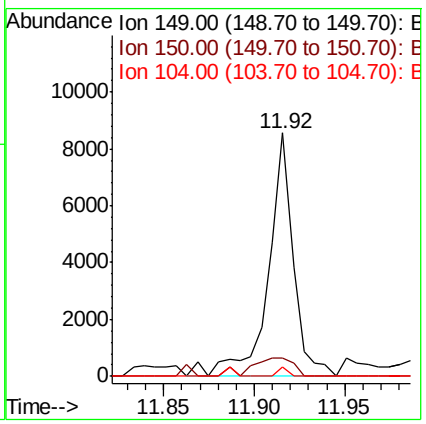


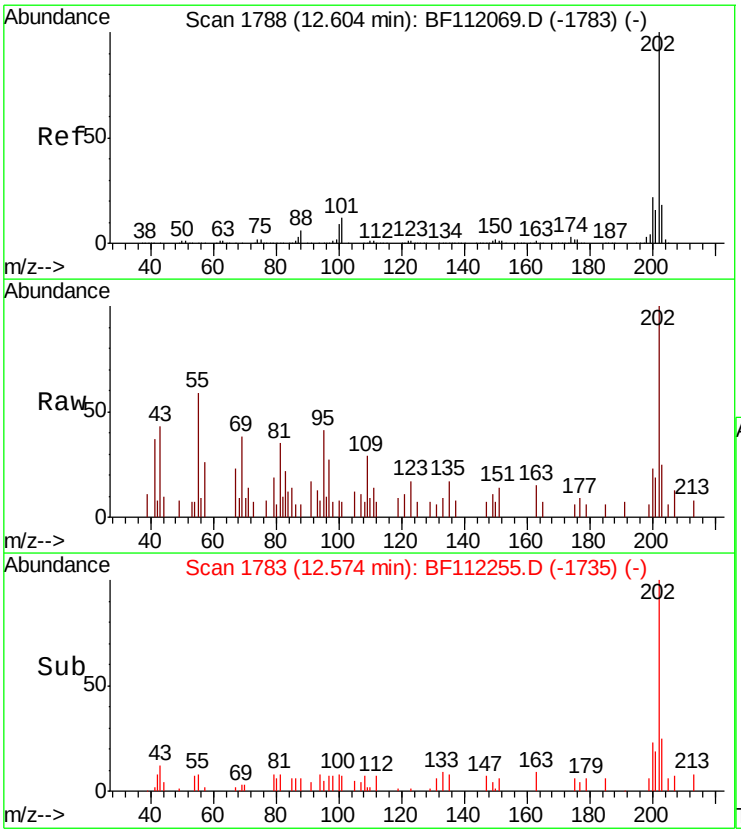
#74
Di-n-butylphthalate
Concen: 0.141 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:149 Resp: 8299

Ion	Ratio	Lower	Upper
149	100		
150	7.8	8.1	12.1#
104	4.1	3.9	5.9

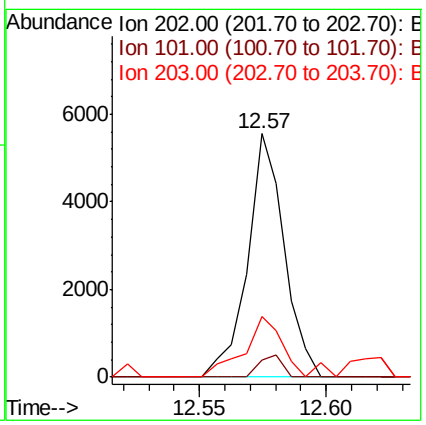


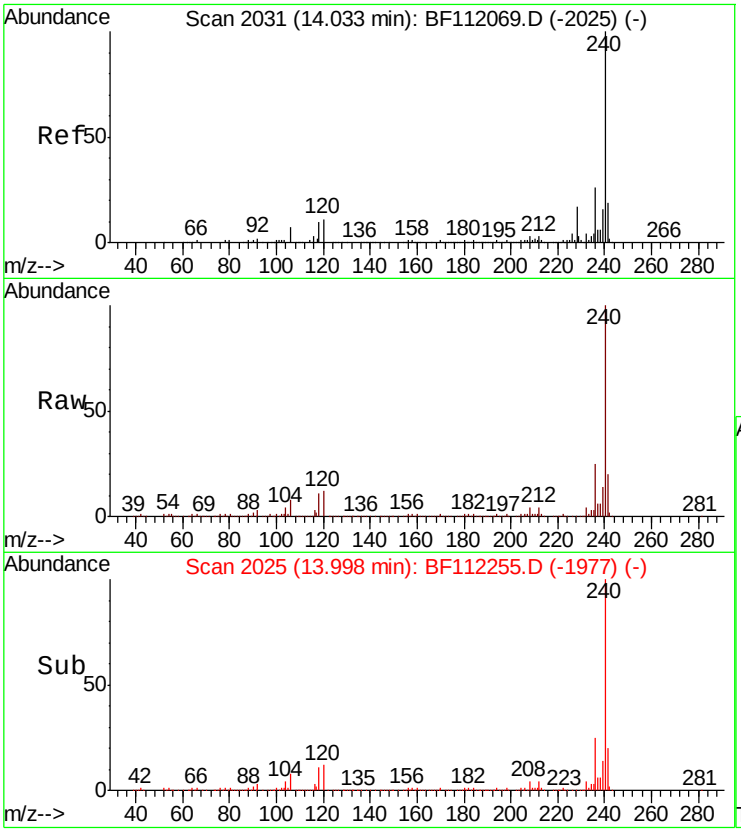


#75
Fluoranthene
Concen: 0.108 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:202 Resp: 5601

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	31.8
203	24.9	0.0	38.4



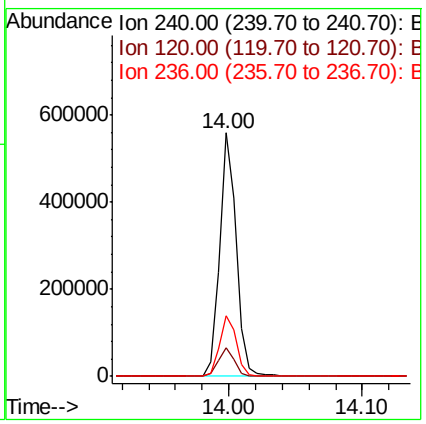


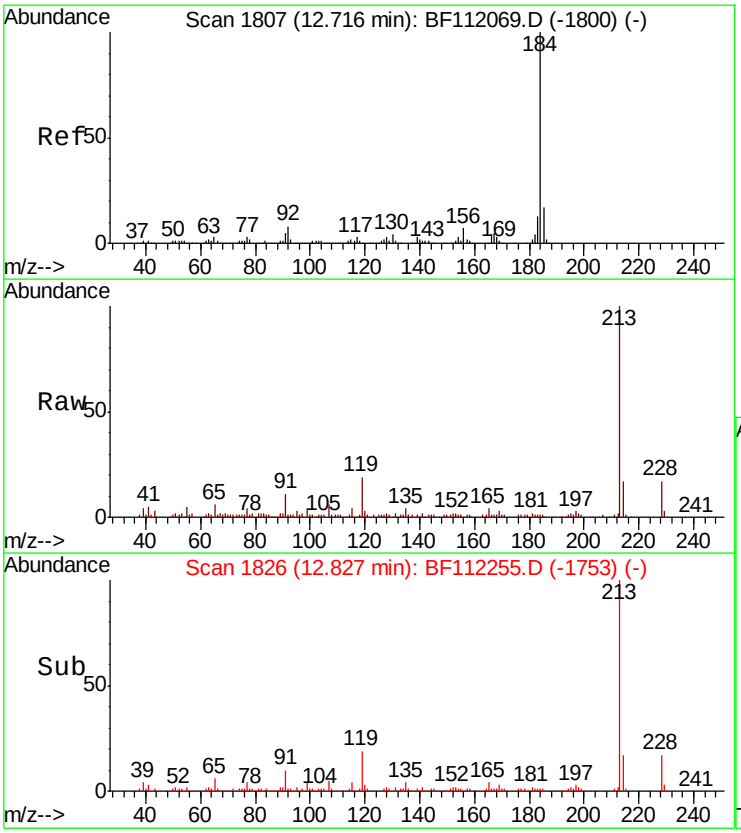
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:240 Resp: 492140

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	25.1	20.7	31.1

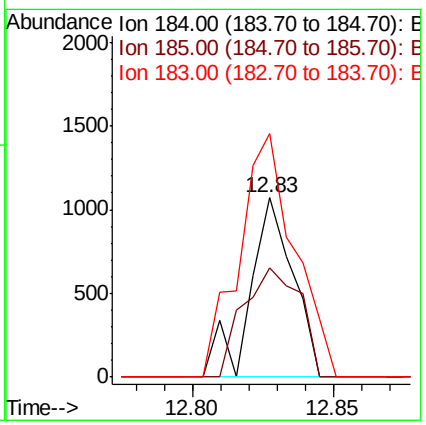


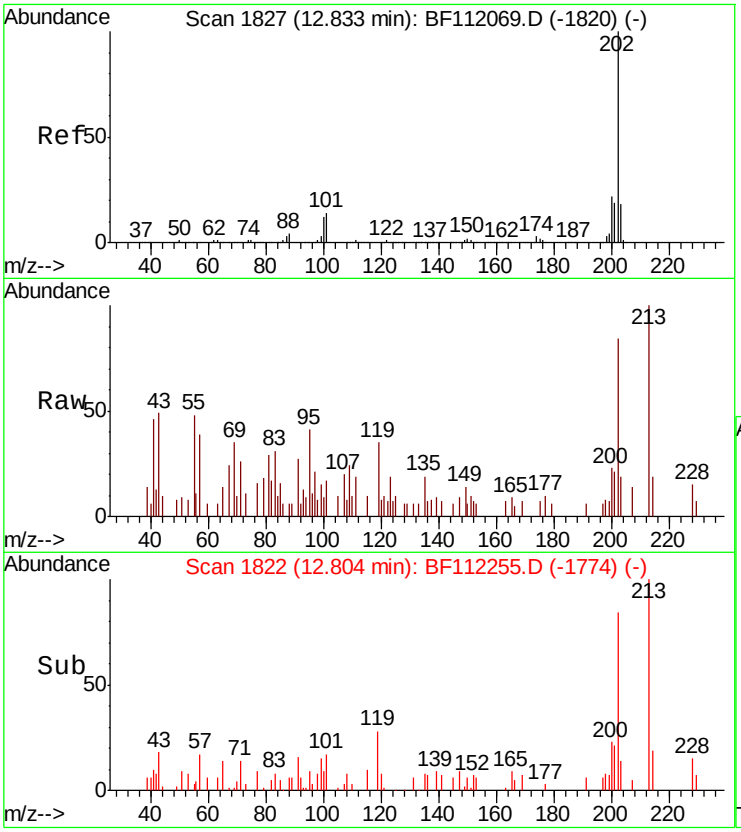


#77
Benzidine
Concen: 0.083 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.13 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:184 Resp: 1130

Ion	Ratio	Lower	Upper
184	100		
185	61.0	13.9	20.9#
183	135.9	10.0	15.0#



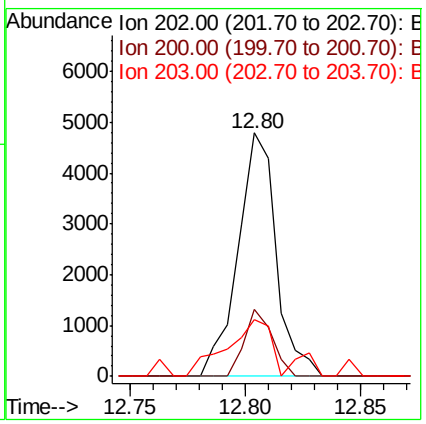


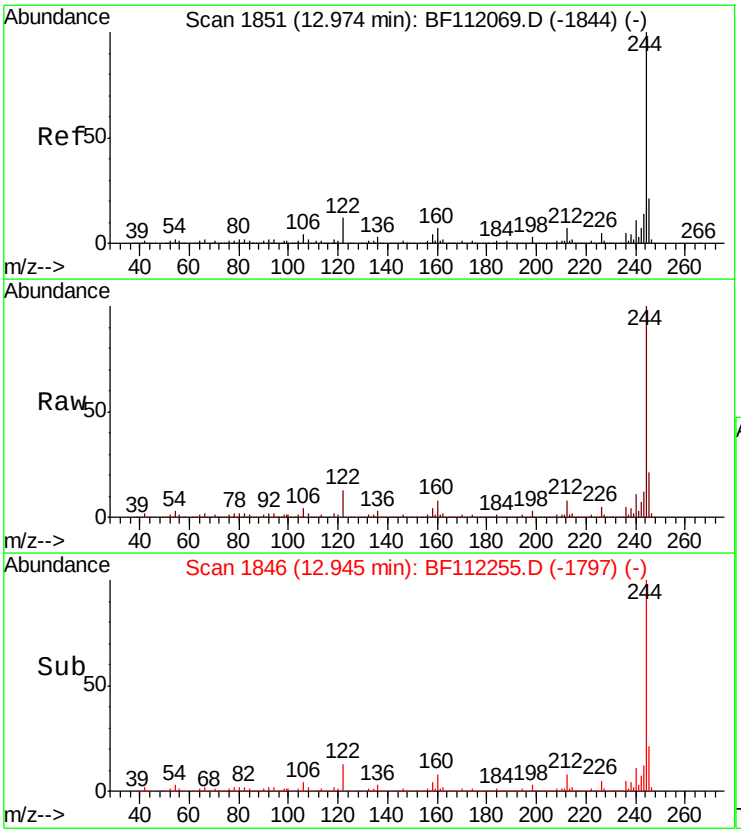
#78
Pyrene
Concen: 0.163 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:202 Resp: 5556

Ion	Ratio	Lower	Upper
202	100		
200	27.7	17.7	26.5#
203	23.1	14.6	22.0#

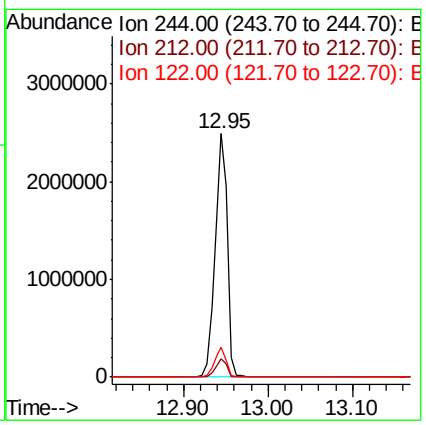


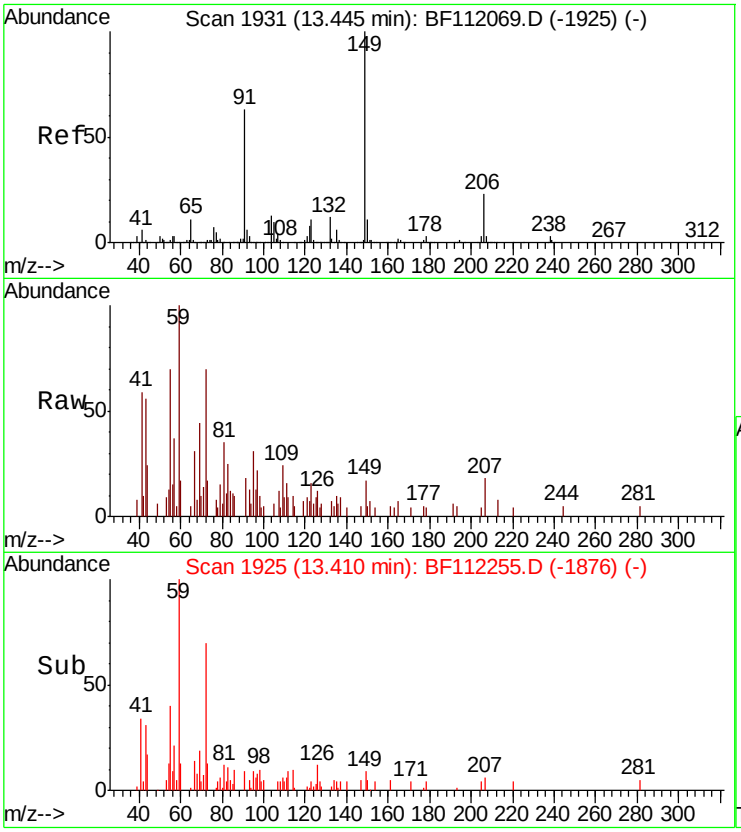


#79
Terphenyl-d14
Concen: 98.740 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:244 Resp: 2580050

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	12.5	9.8	14.6



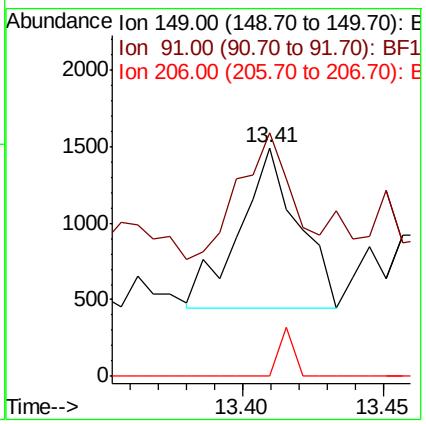


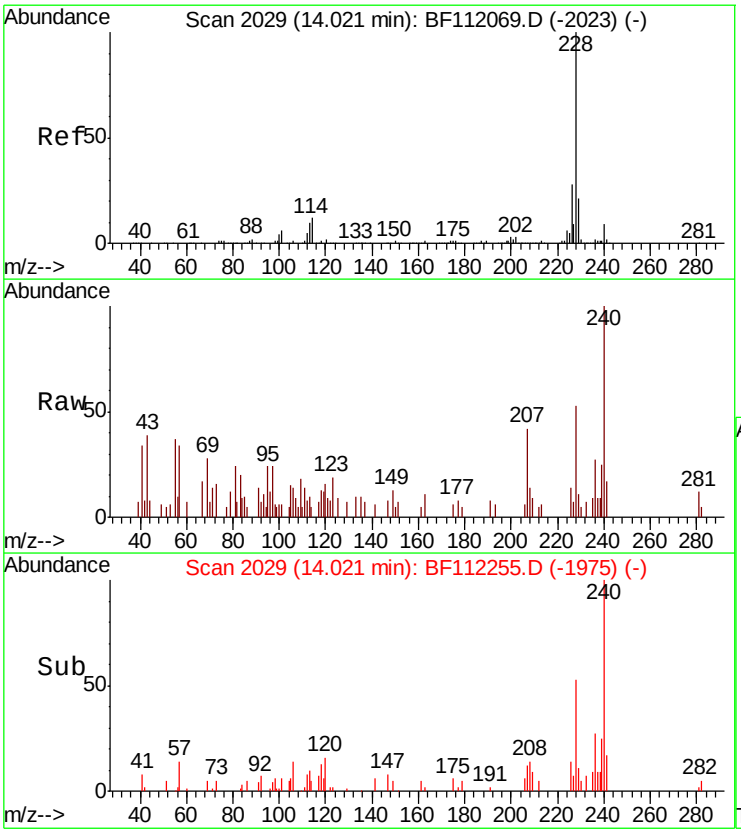
#80
Butylbenzylphthalate
Concen: 0.092 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:149 Resp: 1520

Ion	Ratio	Lower	Upper
149	100		
91	106.4	50.3	75.5#
206	0.0	18.2	27.4#

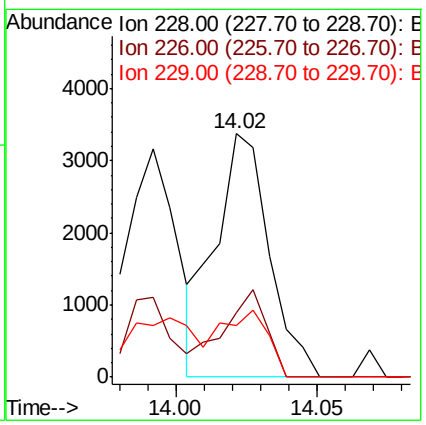


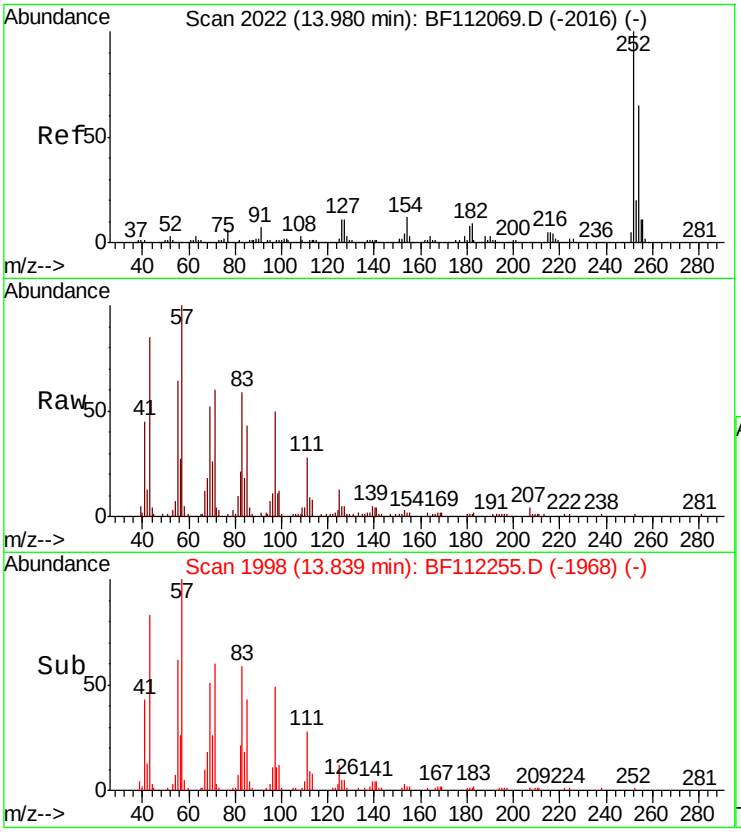


#81
Benzo(a)anthracene
Concen: 0.155 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:228 Resp: 4497

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	34.0
229	21.3	16.5	24.7



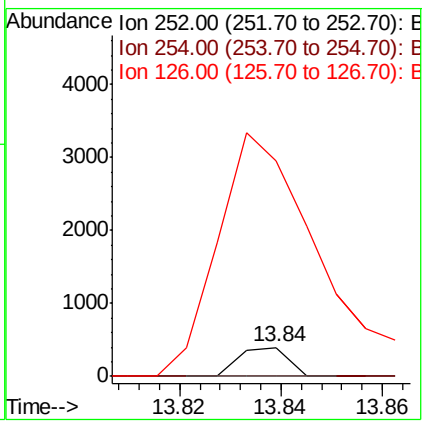


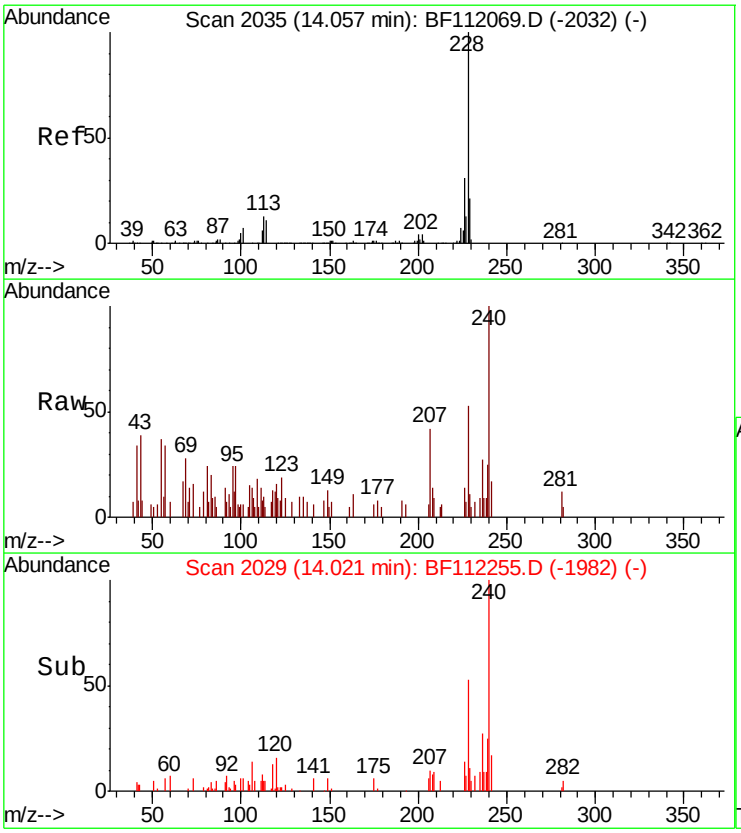
#82
3,3'-Dichlorobenzidine
Concen: 0.025 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.12 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:252 Resp: 266

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.6	77.4#
126	745.8	8.6	12.8#

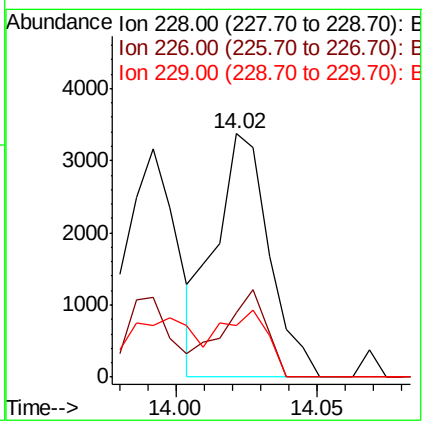


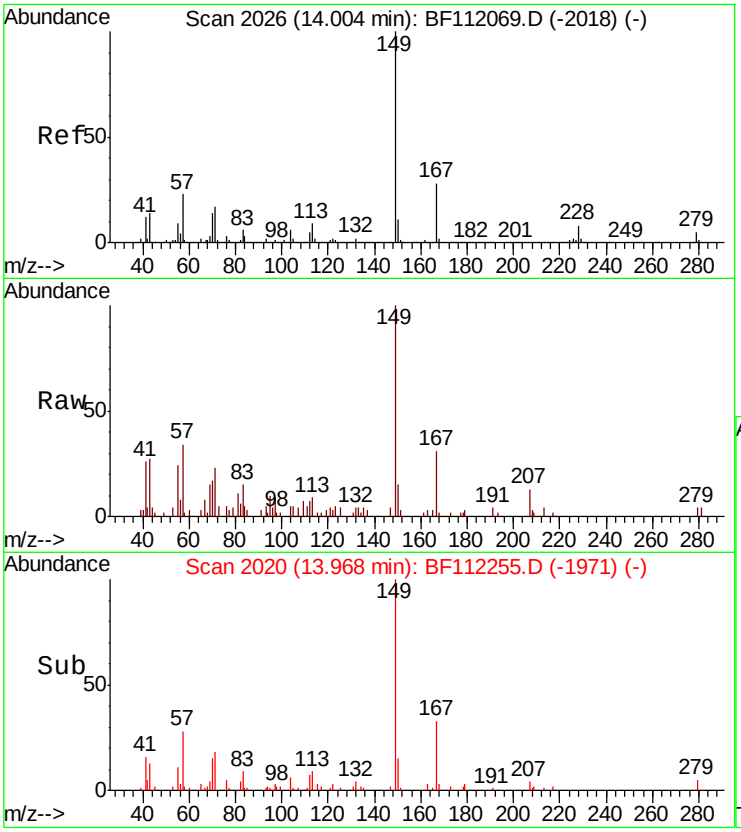


#83
Chrysene
Concen: 0.163 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:228 Resp: 4497

Ion	Ratio	Lower	Upper
228	100		
226	26.2	25.0	37.6
229	21.3	16.6	24.8



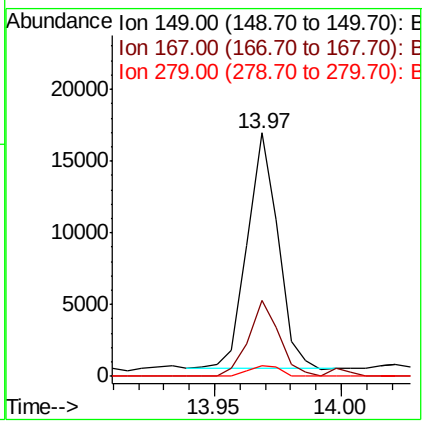


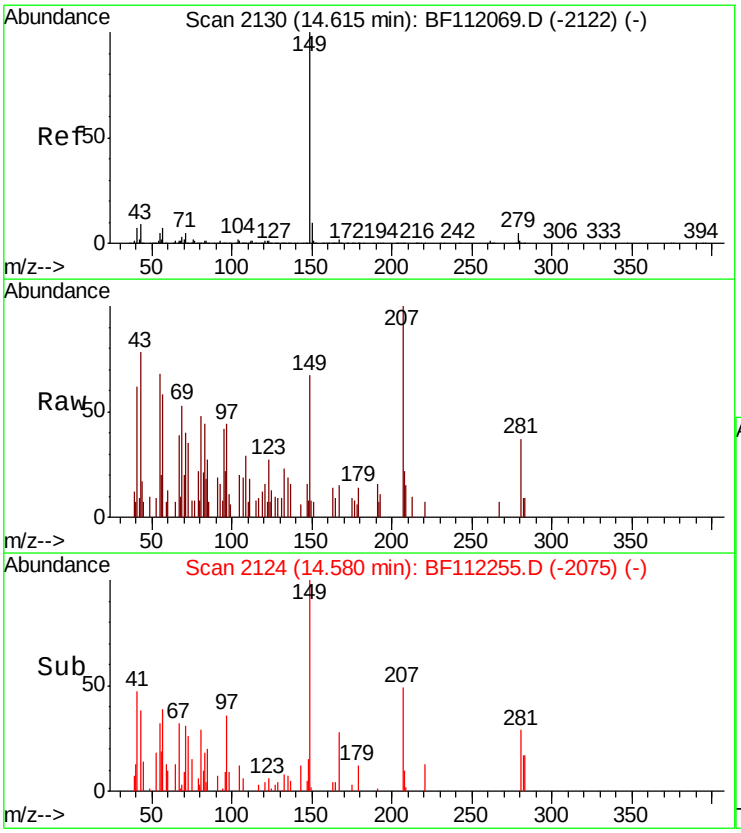
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.593 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:149 Resp: 13876

Ion	Ratio	Lower	Upper
149	100		
167	31.1	22.5	33.7
279	4.3	3.8	5.6

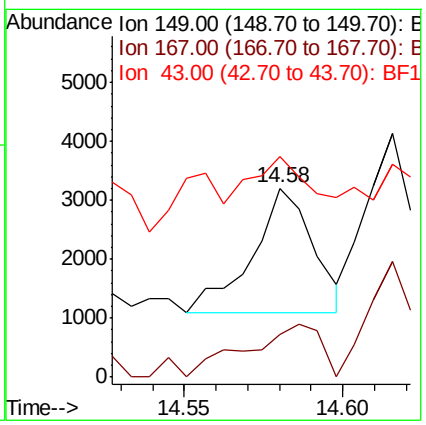


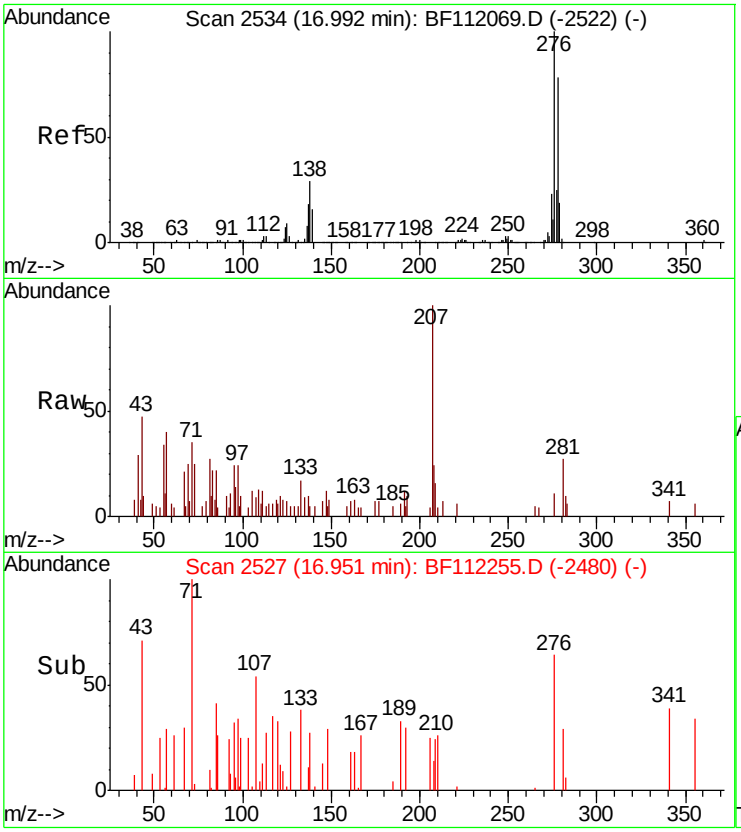


#85
Di-n-octyl phthalate
Concen: 0.078 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:149 Resp: 2813

Ion	Ratio	Lower	Upper
149	100		
167	55.5	1.3	1.9#
43	0.0	7.8	11.6#



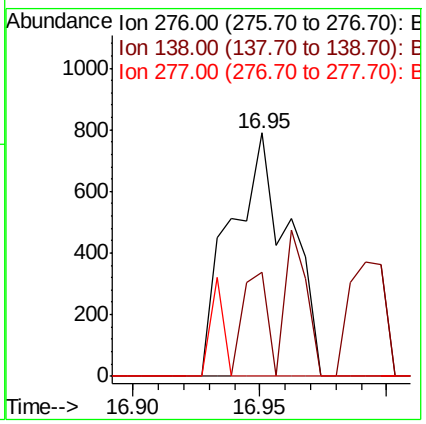


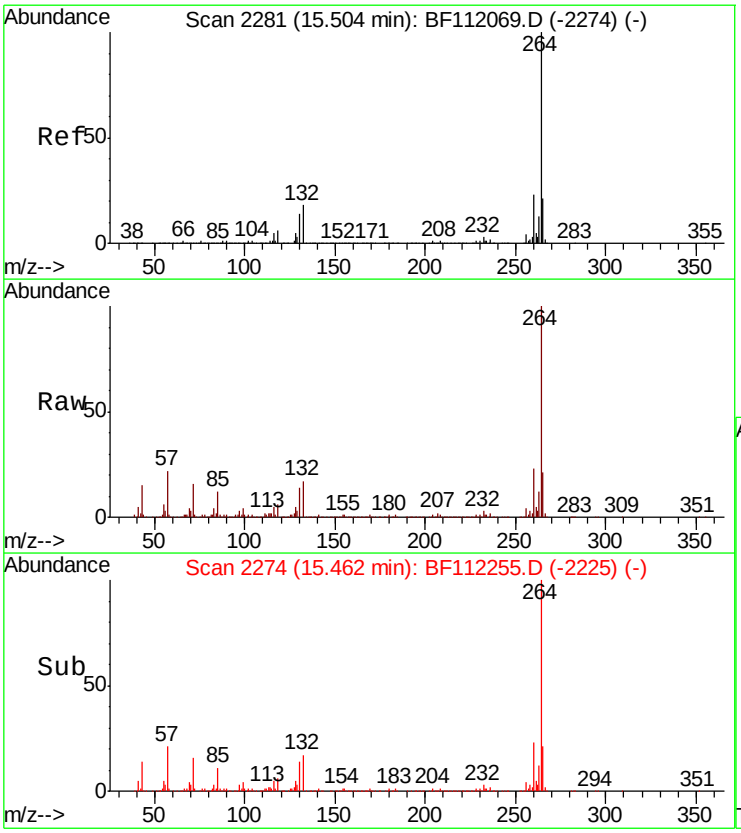
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:276 Resp: 1265

Ion	Ratio	Lower	Upper
276	100		
138	17.9	22.6	34.0#
277	9.0	20.3	30.5#

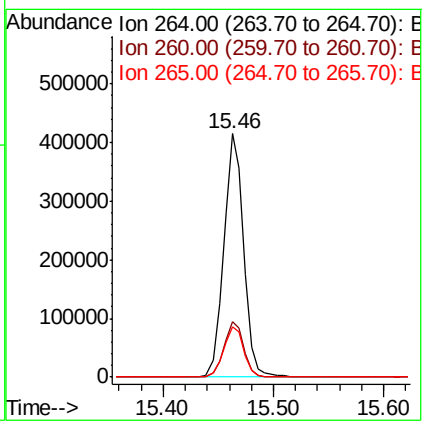


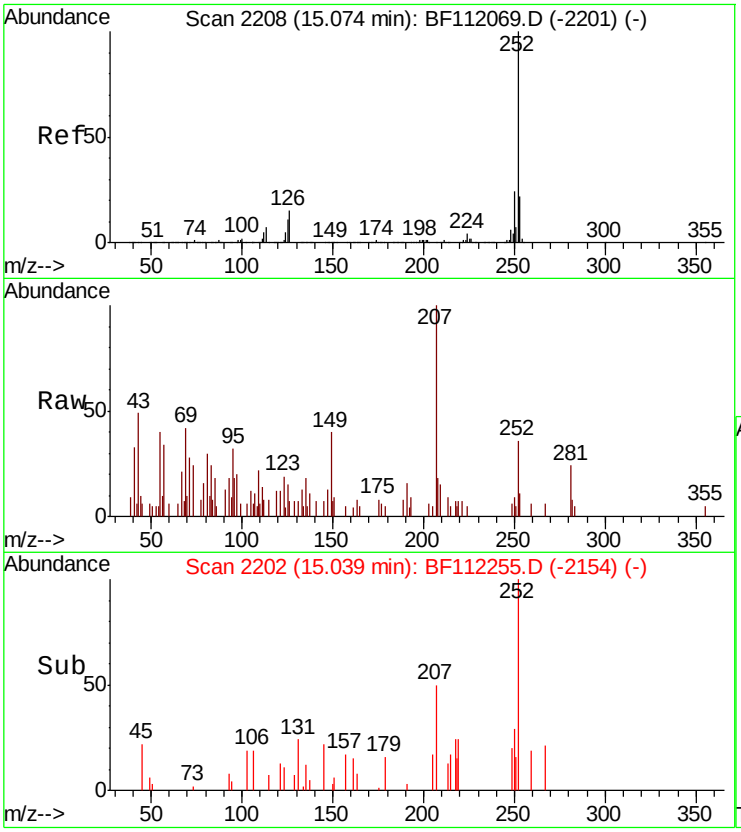


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:264 Resp: 519615

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	20.9	17.0	25.4



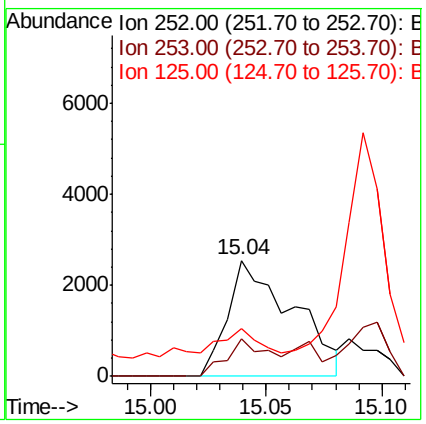


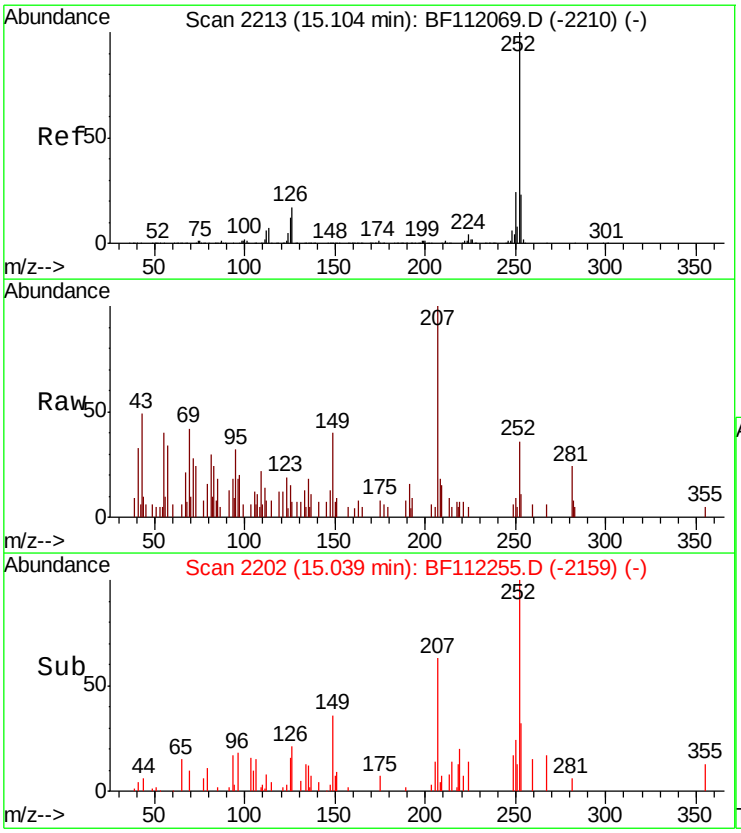
#88
Benzo(b)fluoranthene
Concen: 0.160 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:252 Resp: 4976

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.0	27.0#
125	40.8	8.7	13.1#

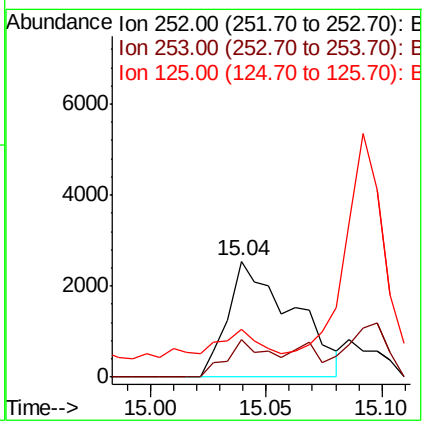


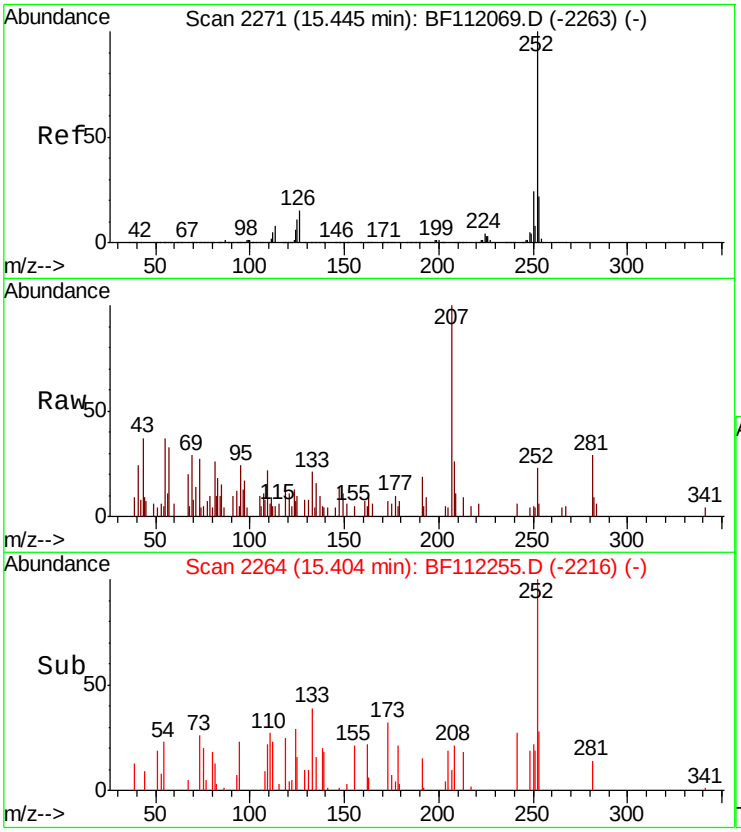


#89
Benzo(k)fluoranthene
Concen: 0.167 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:252 Resp: 4976

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.0	27.0#
125	40.8	9.1	13.7#



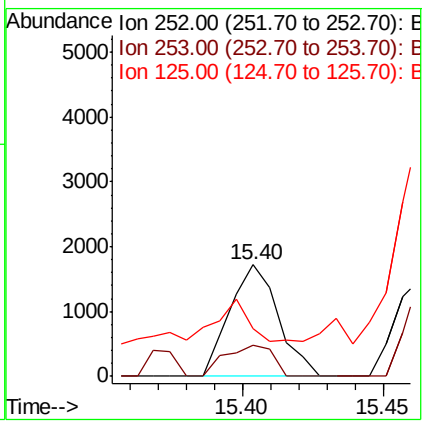


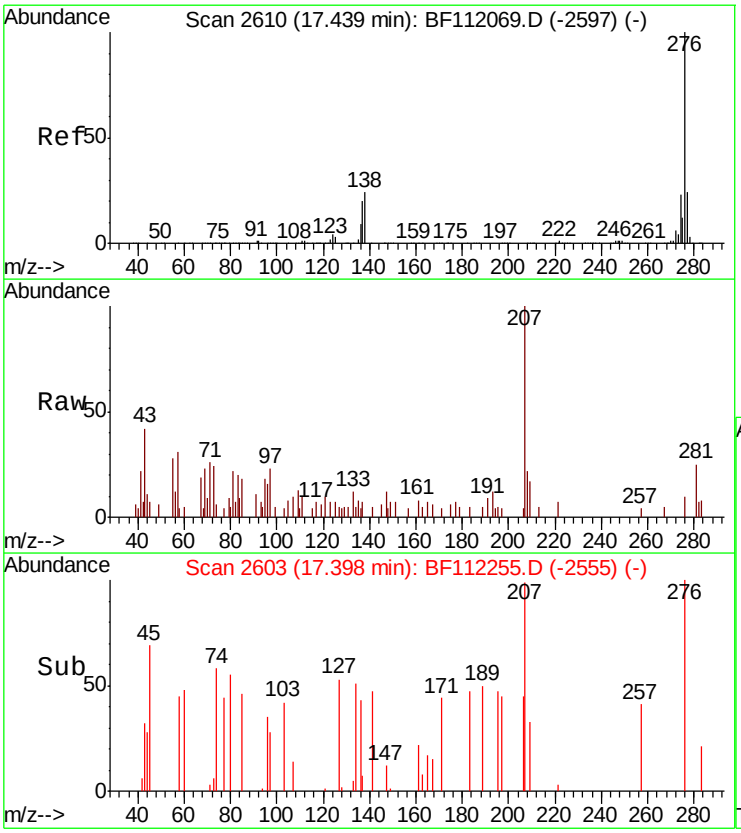
#90
Benzo(a)pyrene
Concen: 0.074 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Instrument :
BNA_F
ClientSampleId :
WWB-5

Tgt Ion:252 Resp: 2059

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.5	26.3#
125	43.1	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF112255.D
Acq: 26 Jan 2019 1:58

Tgt Ion:276 Resp: 1315

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.0#
138	0.0	19.1	28.7#