Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112773.D
Acq On : 28 Feb 2019 20:51
Operator : JU/SJ
Sample : K1650-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6(9-10)

Quant Time: Mar 01 04:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	186459	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	716079	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	336109	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	633897	20.00	ng	0.00
76) Chrysene-d12	13.87	240	424946	20.00	ng	0.00
87) Perylene-d12	15.28	264	439573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1271409	106.07	ng	0.01
7) Phenol-d6	6.38	99	1616725	107.37	ng	0.01
23) Nitrobenzene-d5	7.30	82	1003168	83.83	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	431043	120.80	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1726934	88.76	ng	0.00
79) Terphenyl-d14	12.83	244	1614578	73.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	131	0.022	ng	# 79
4) n-Nitrosodimethylamine	3.04	42	1537	0.219	ng	# 1
6) Aniline	6.39	93	859	0.041	ng	# 1
8) 2-Chlorophenol	6.53	128	410	0.031	ng	# 1
9) Benzaldehyde	6.38	77	2510	0.231	ng	# 1
10) Phenol	6.39	94	34462	1.961	ng	90
11) bis(2-Chloroethyl)ether	6.52	93	1954	0.145	ng	# 1
15) Benzyl Alcohol	6.90	79	17091	1.489	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.09	45	107	0.005	ng	71
19) n-Nitroso-di-n-propylamine	7.30	70	133886	14.040	ng	# 75
22) Acetophenone	7.15	105	602	0.036	ng	# 22
24) Nitrobenzene	7.30	77	3045	0.229	ng	# 37
25) Isophorone	7.30	82	990075	38.403	ng	# 66
31) Naphthalene	8.05	128	514	0.014	ng	# 68
38) 1-Methylnaphthalene	9.10	142	834	0.038	ng	# 53
46) 1,1'-Biphenyl	9.20	154	3396	0.124	ng	95
47) 2-Chloronaphthalene	9.49	162	914	0.043	ng	# 1
48) 2-Nitroaniline	9.23	65	107	0.016	ng	# 4
50) Dimethylphthalate	9.49	163	143171	5.777	ng	100
51) 2,6-Dinitrotoluene	9.49	165	1558	0.302	ng	# 19
52) Acenaphthene	9.77	154	1203	0.057	ng	# 5
55) Dibenzofuran	9.97	168	282	0.009	ng	# 44
57) 2,4-Dinitrotoluene	9.77	165	42515	6.627	ng	# 18
58) Fluorene	10.56	166	17721	0.808	ng	# 86
60) Diethylphthalate	10.19	149	1260	0.048	ng	# 88
63) Azobenzene	10.48	77	438	0.016	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.56	198	839	4.904	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	12229	0.602	ng	# 45
67) 4-Bromophenyl-phenylether	10.56	248	24862	3.724	ng	# 1
71) Phenanthrene	11.27	178	839	0.027	ng	# 59
72) Anthracene	11.27	178	839	0.025	ng	# 59
73) Carbazole	11.46	167	115	0.004	ng	# 59
74) Di-n-butylphthalate	11.82	149	8665	0.224	ng	# 93
75) Fluoranthene	12.46	202	505	0.015	ng	62

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112773.D
Acq On : 28 Feb 2019 20:51
Operator : JU/SJ
Sample : K1650-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6(9-10)

Quant Time: Mar 01 04:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Benzidine	12.83	184	19779	0.897	ng	#	96
78) Pyrene	12.68	202	309	0.009	ng	#	57
80) Butylbenzylphthalate	13.30	149	123	0.008	ng	#	57
81) Benzo(a)anthracene	13.87	228	1444	0.049	ng	#	44
83) Chrysene	13.87	228	1444	0.050	ng	#	43
84) Bis(2-ethylhexyl)phthalate	13.87	149	3723	0.201	ng	#	81
85) Di-n-octyl phthalate	14.48	149	179	0.006	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.63	276	110	0.004	ng	#	3
88) Benzo(b)fluoranthene	14.88	252	344	0.012	ng	#	1
89) Benzo(k)fluoranthene	14.91	252	341	0.013	ng	#	1
90) Benzo(a)pyrene	15.22	252	226	0.009	ng	#	1
91) Dibenzo(a,h)anthracene	16.72	278	114	0.005	ng	#	1
92) Benzo(g,h,i)perylene	17.06	276	119	0.006	ng	#	52

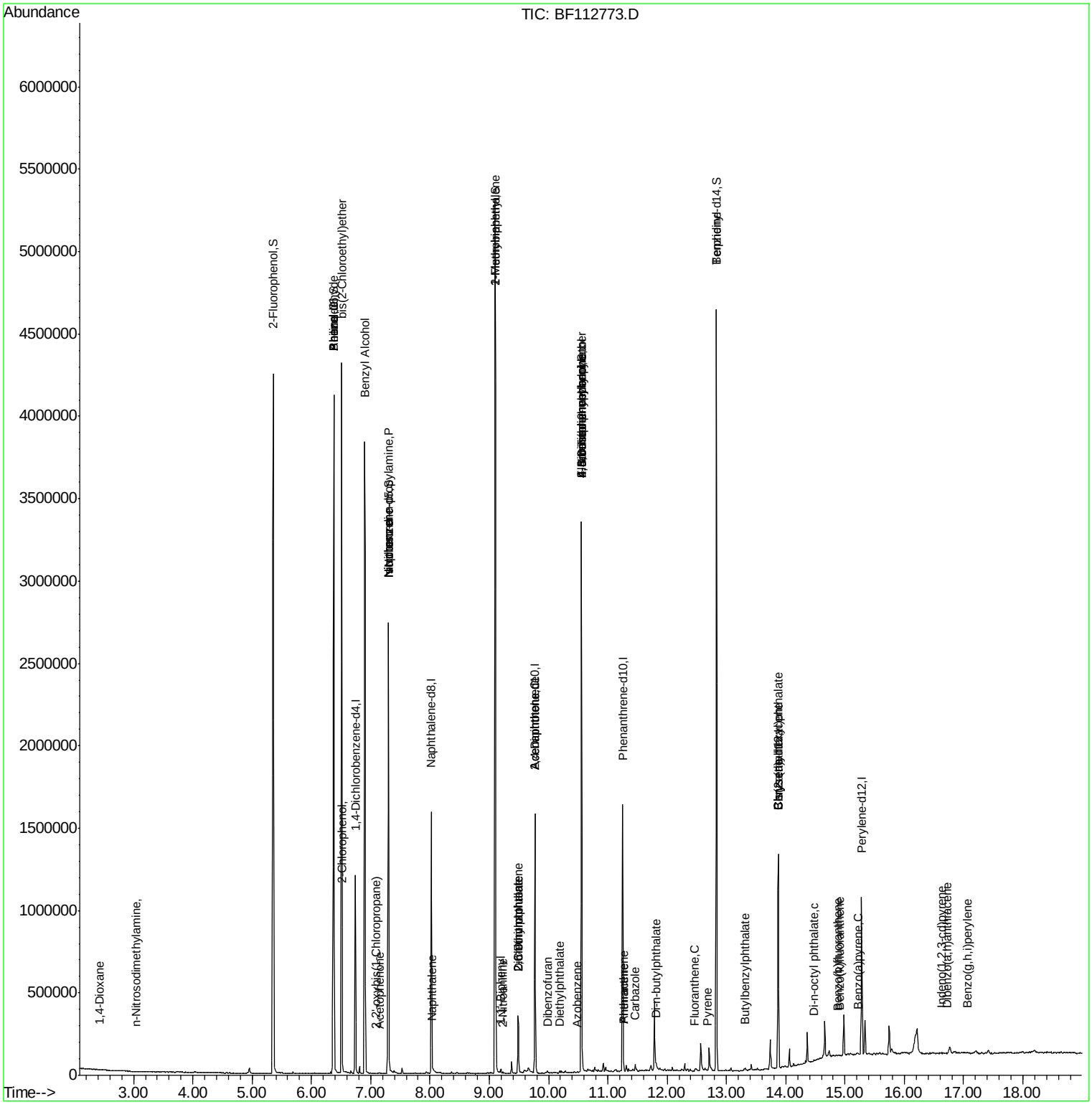
(#) = qualifier out of range (m) = manual integration (+) = signals summed

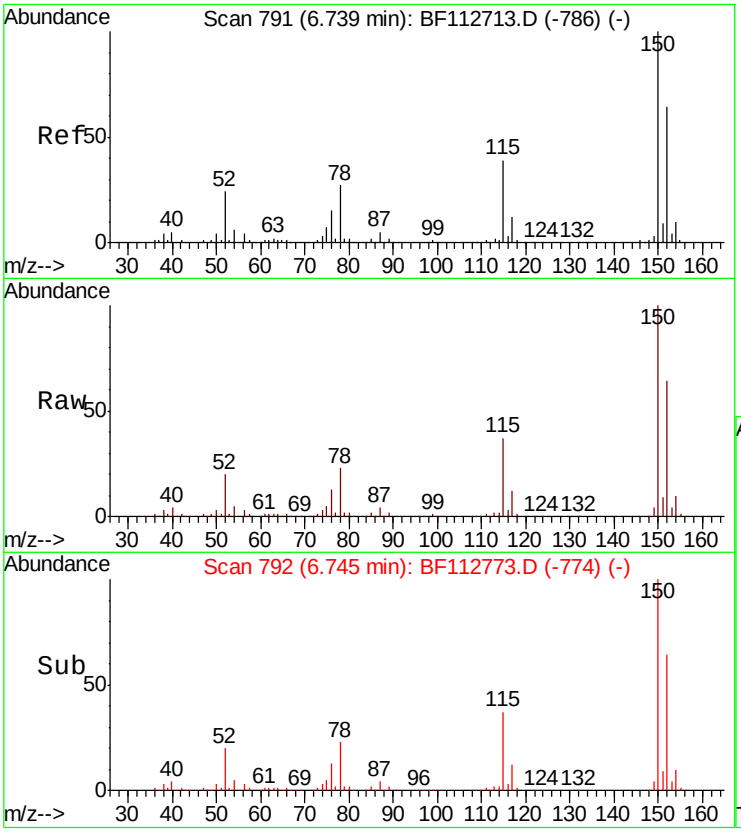
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112773.D
Acq On : 28 Feb 2019 20:51
Operator : JU/SJ
Sample : K1650-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Quant Time: Mar 01 04:52:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



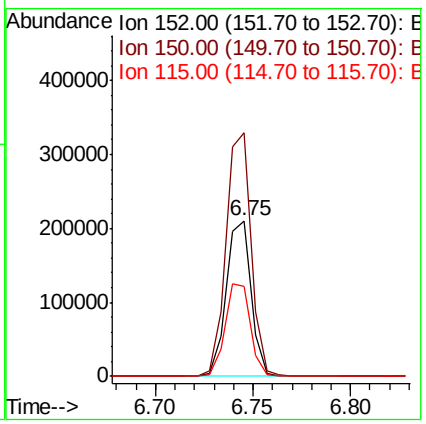


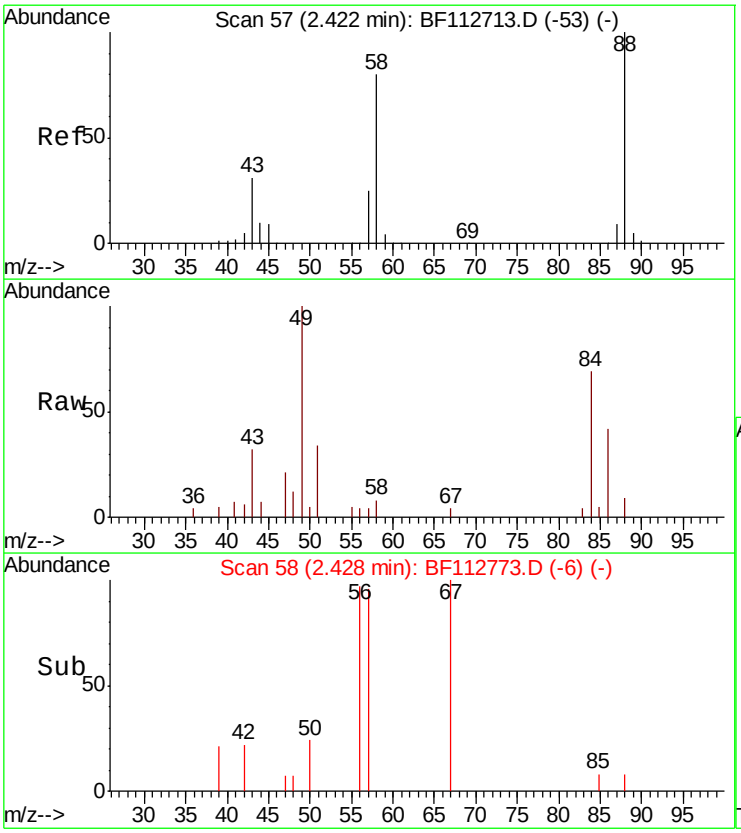
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:152 Resp: 186459

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	57.6	48.2	72.4

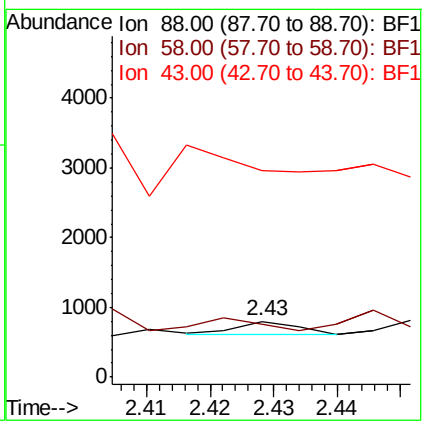


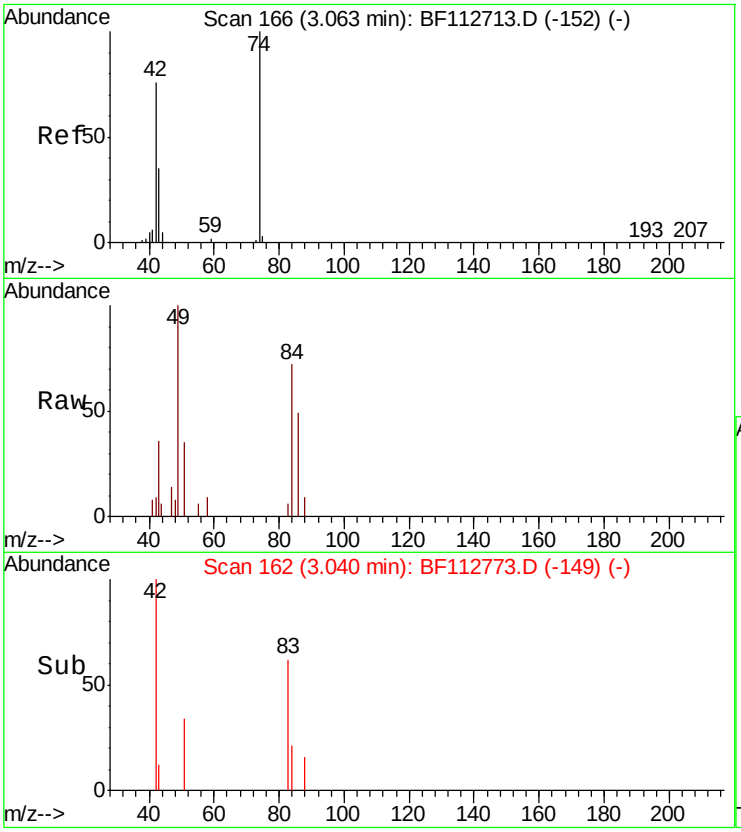


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
58	71.8	63.1	94.7
43	0.0	24.3	36.5#



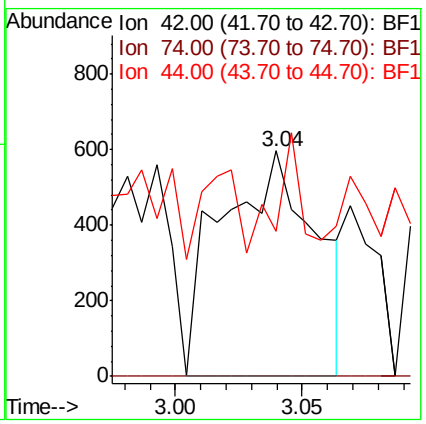


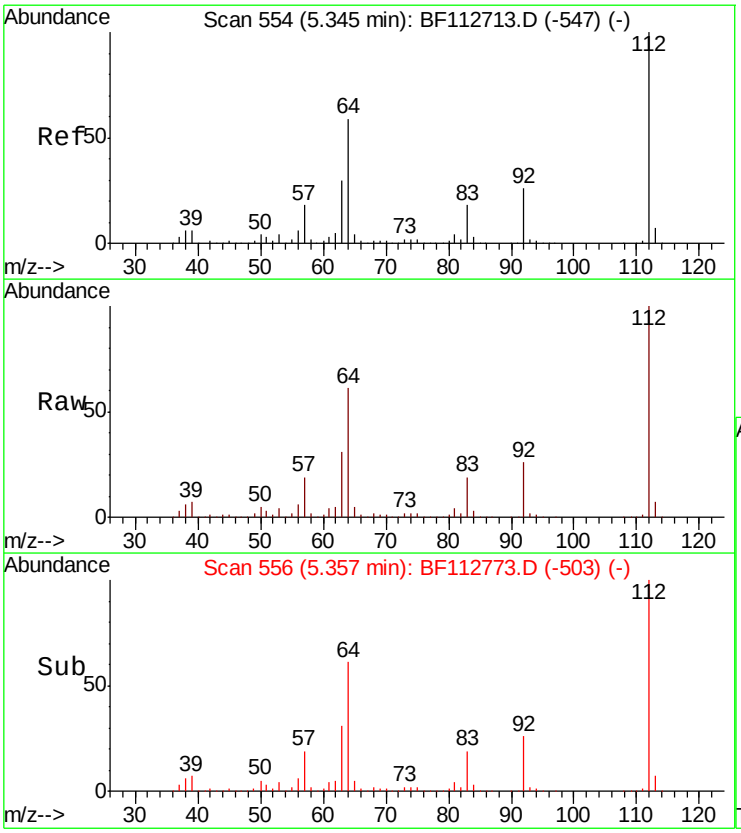
#4
n-Nitrosodimethylamine
Concen: 0.219 ng
RT: 3.04 min Scan# 162
Delta R.T. -0.02 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion: 42 Resp: 1537

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	64.6	6.2	9.2#

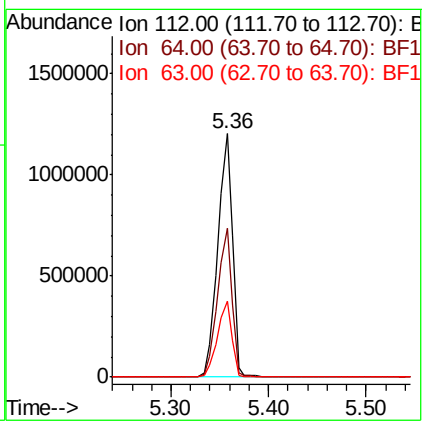


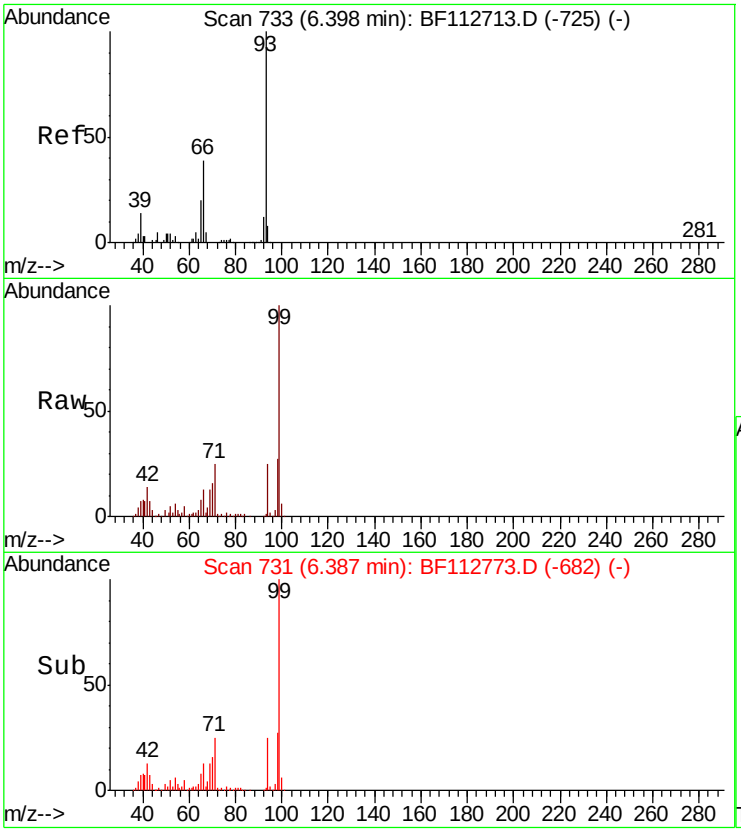


#5
2-Fluorophenol
Concen: 106.068 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:112 Resp: 1271409

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.6	71.4
63	31.2	24.4	36.6



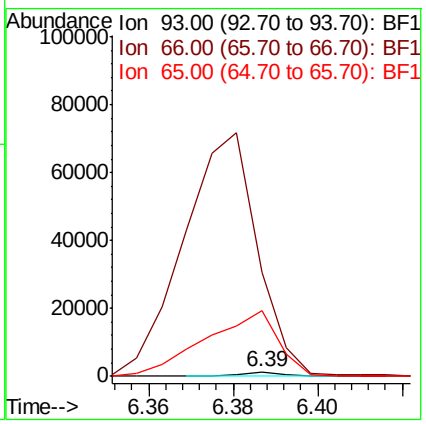


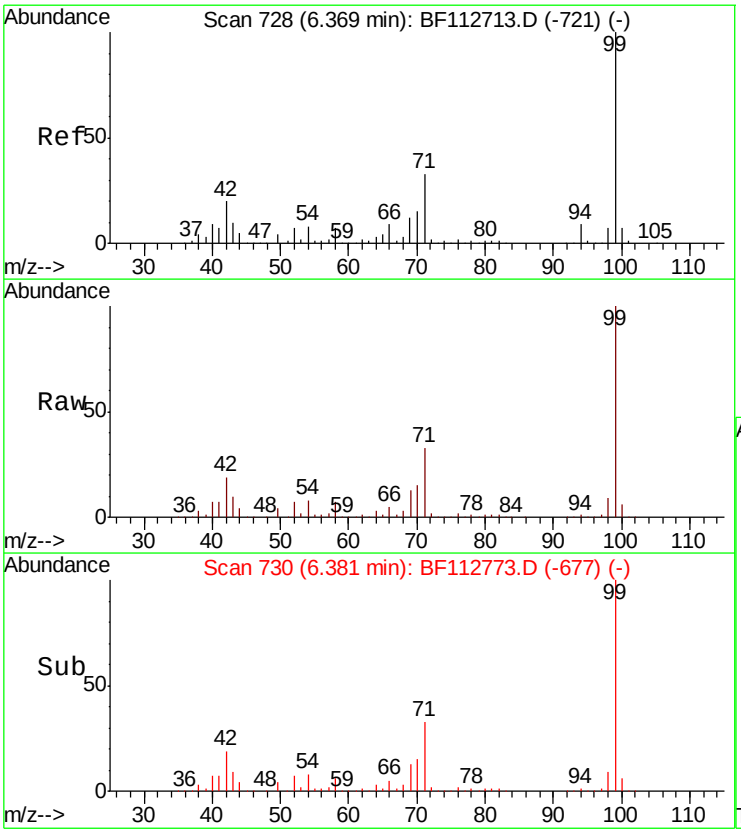
#6
Aniline
Concen: 0.041 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion: 93 Resp: 859

Ion	Ratio	Lower	Upper
93	100		
66	2174.0	32.2	48.2#
65	1358.2	16.2	24.4#

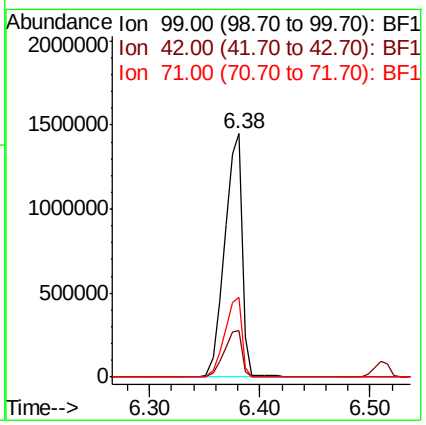


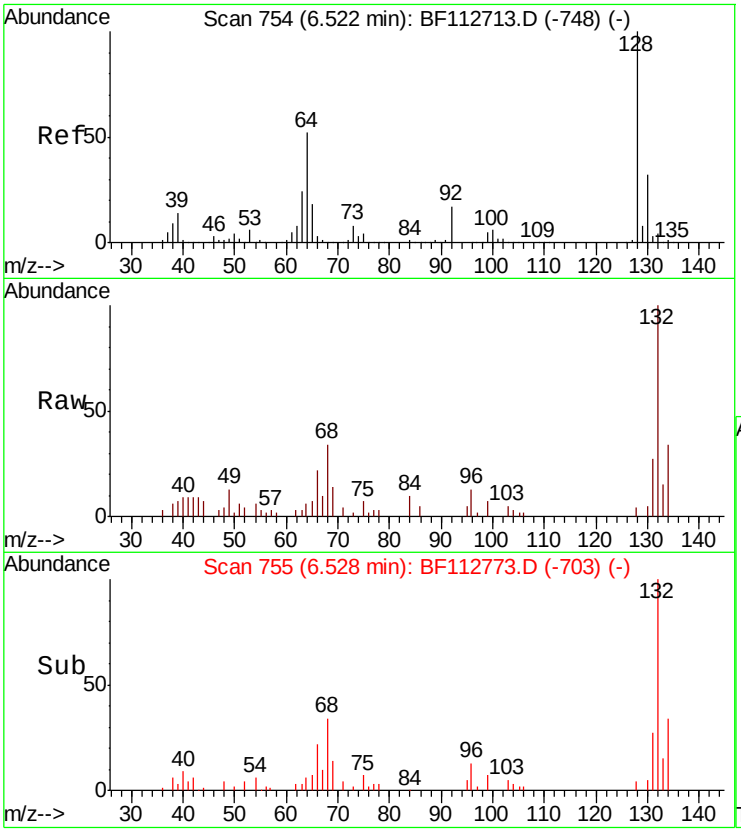


#7
Phenol-d6
Concen: 107.371 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 99 Resp: 1616725

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.3	24.5
71	32.8	26.2	39.4



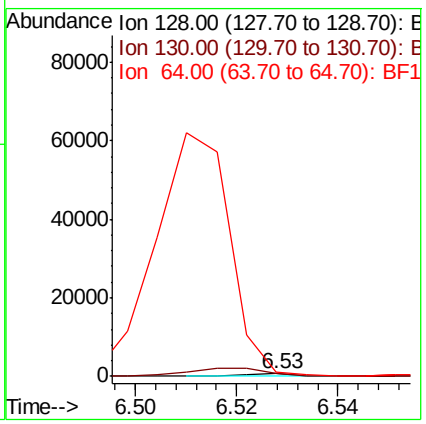


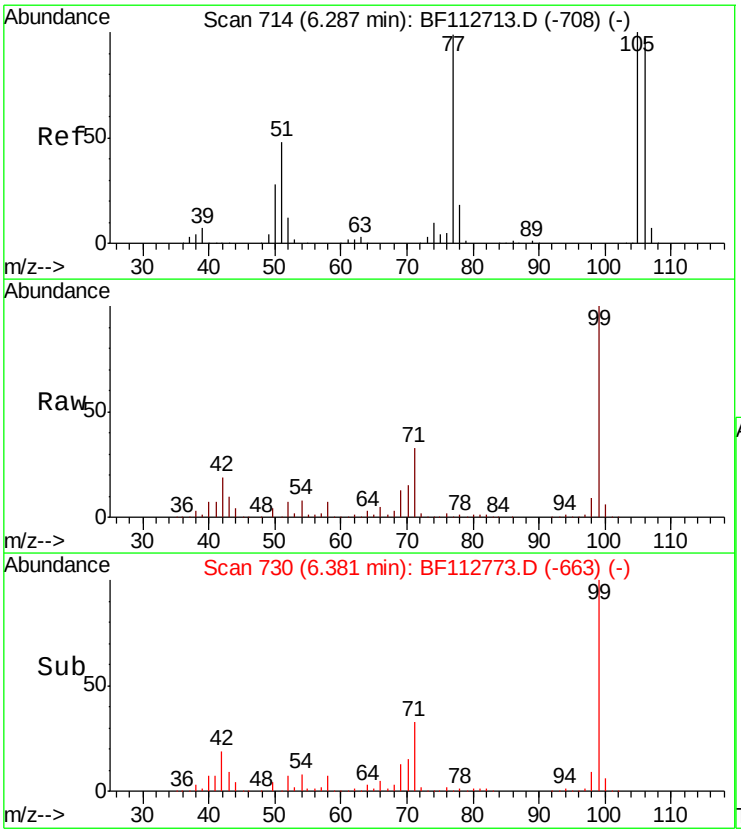
#8
2-Chlorophenol
Concen: 0.031 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:128 Resp: 410

Ion	Ratio	Lower	Upper
128	100		
130	101.3	12.4	52.4#
64	143.2	32.2	72.2#

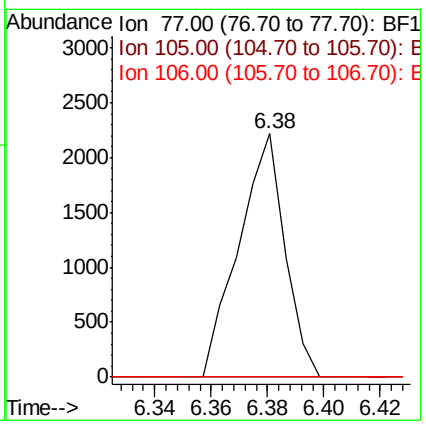


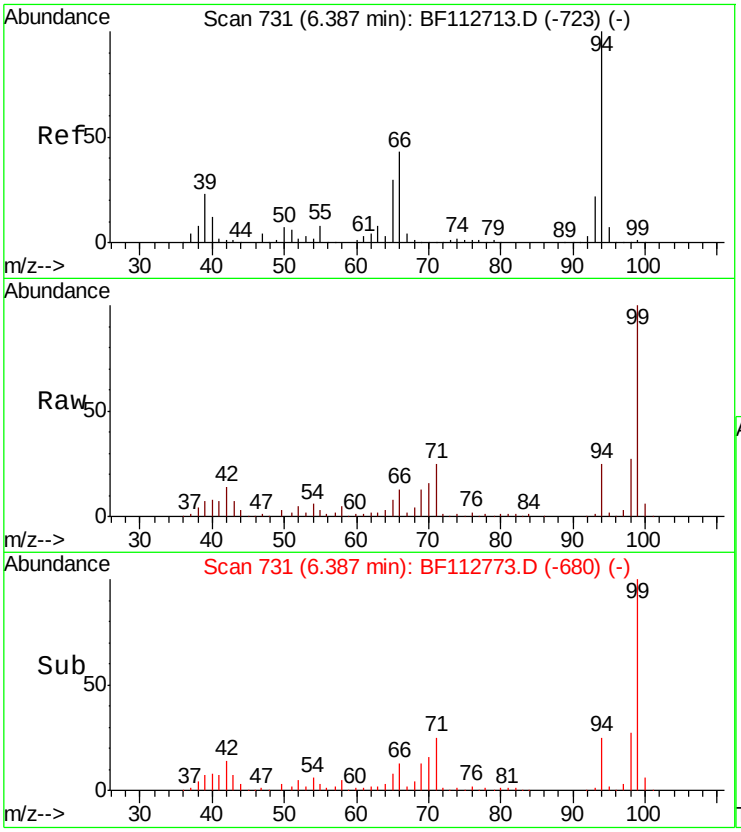


#9
Benzaldehyde
Concen: 0.231 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.09 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 77 Resp: 2510

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.4	121.4#
106	0.0	78.3	118.3#



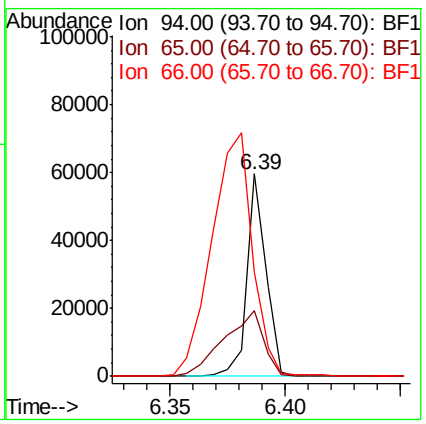


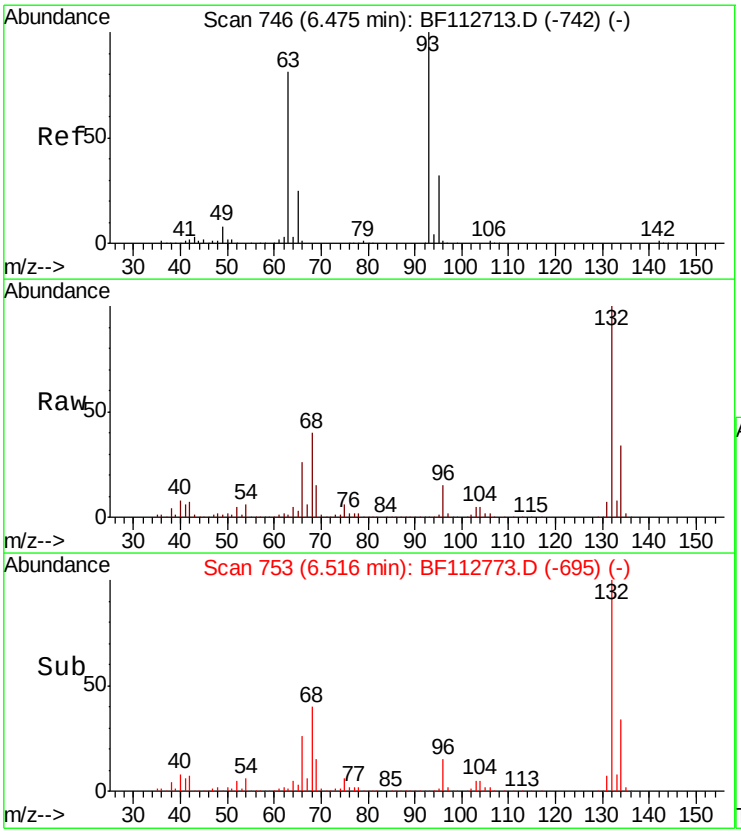
#10
Phenol
Concen: 1.961 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion: 94 Resp: 34462

Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.5	50.5
66	51.6	22.6	62.6

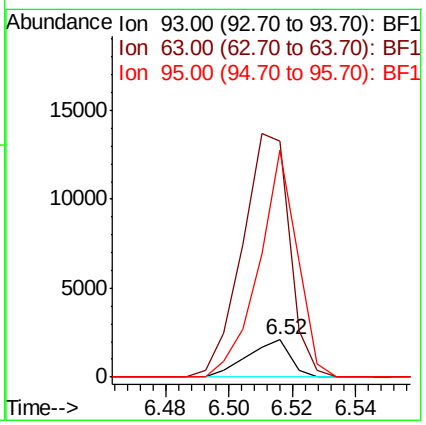


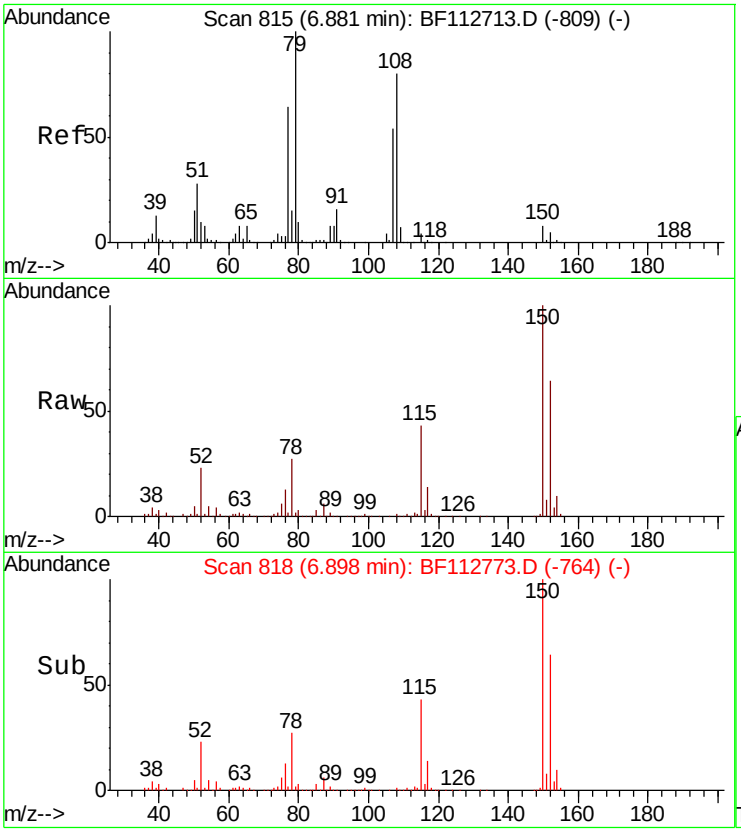


#11
bis(2-Chloroethyl)ether
Concen: 0.145 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.04 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 93 Resp: 1954

Ion	Ratio	Lower	Upper
93	100		
63	636.3	60.5	100.5#
95	612.7	12.1	52.1#



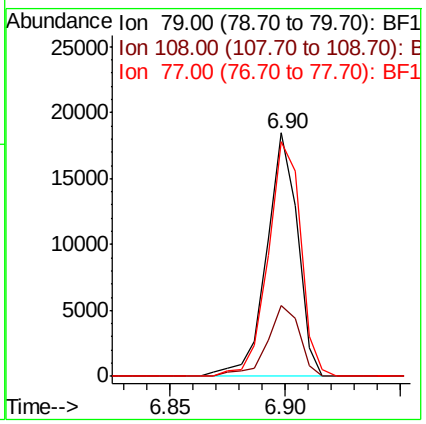


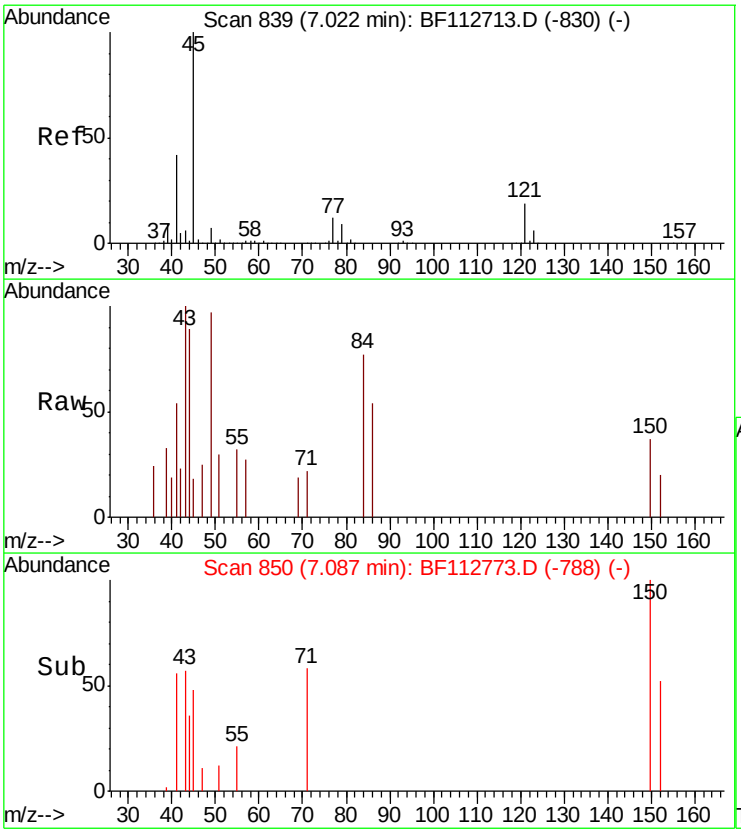
#15
Benzyl Alcohol
Concen: 1.489 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion: 79 Resp: 17091

Ion	Ratio	Lower	Upper
79	100		
108	29.1	64.2	96.4#
77	96.1	51.1	76.7#

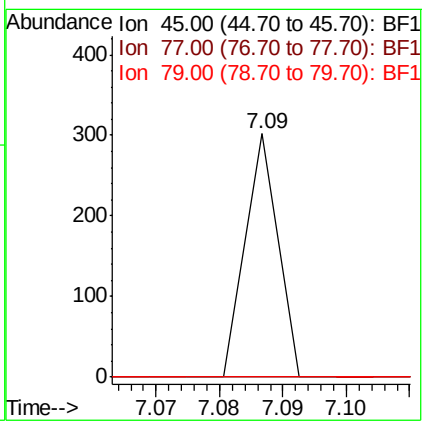


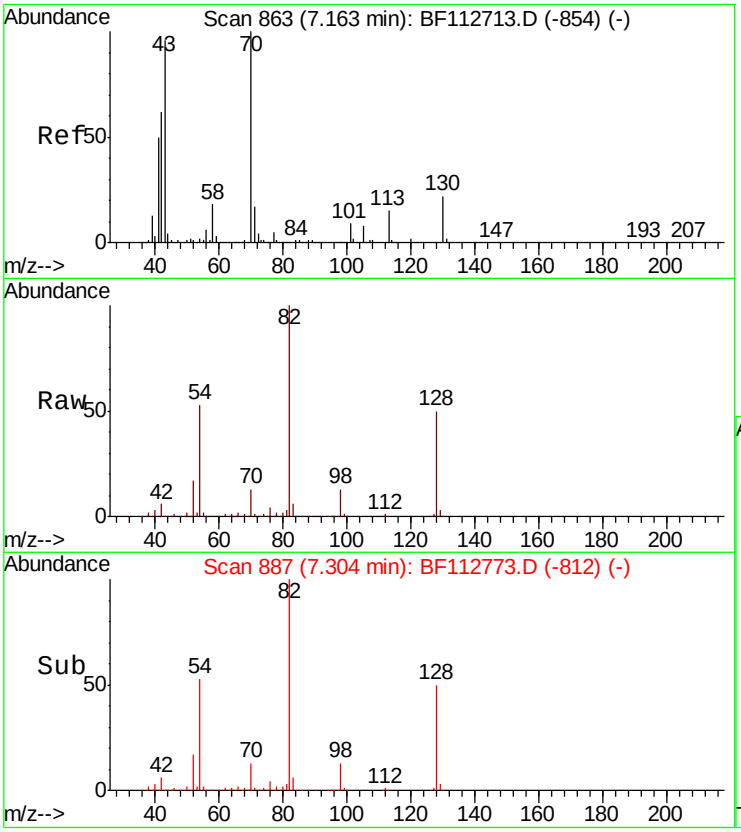


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.06 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 45 Resp: 107

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.1
79	0.0	0.0	29.4



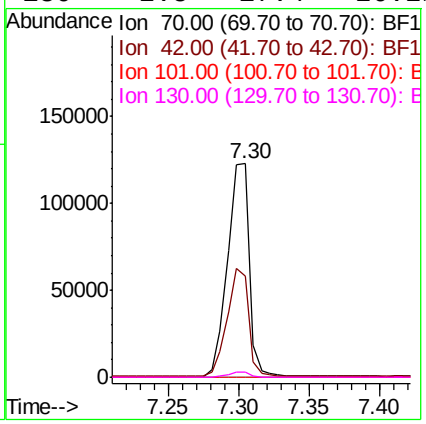


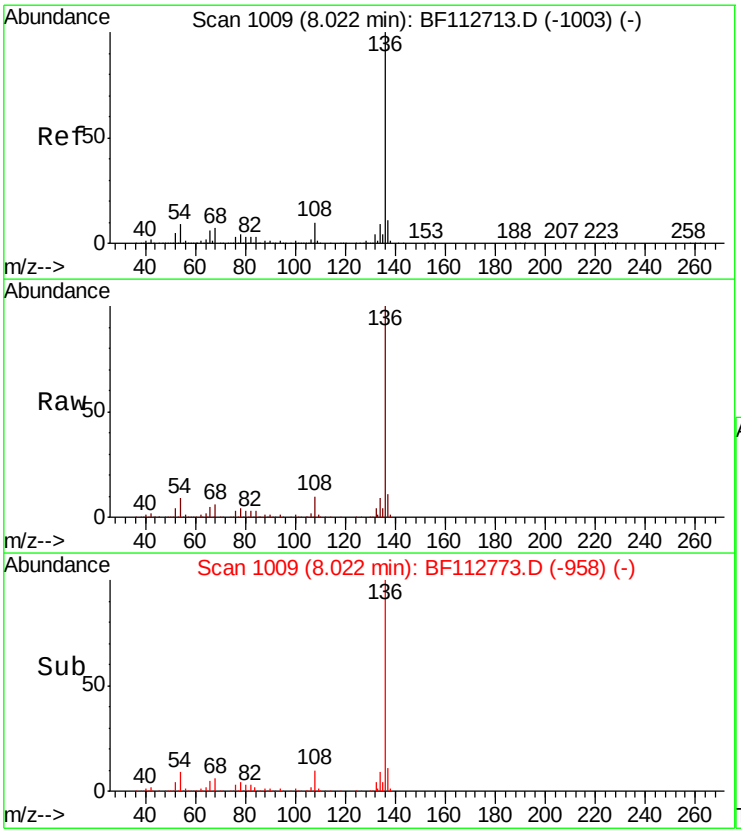
#19
n-Nitroso-di-n-propylamine
Concen: 14.040 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion: 70 Resp: 133886

Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.9	74.9#
101	0.0	7.4	11.2#
130	2.5	17.4	26.2#

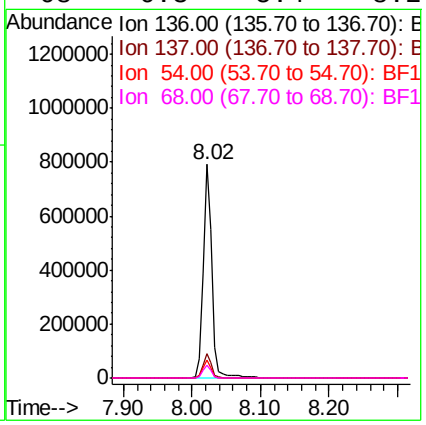


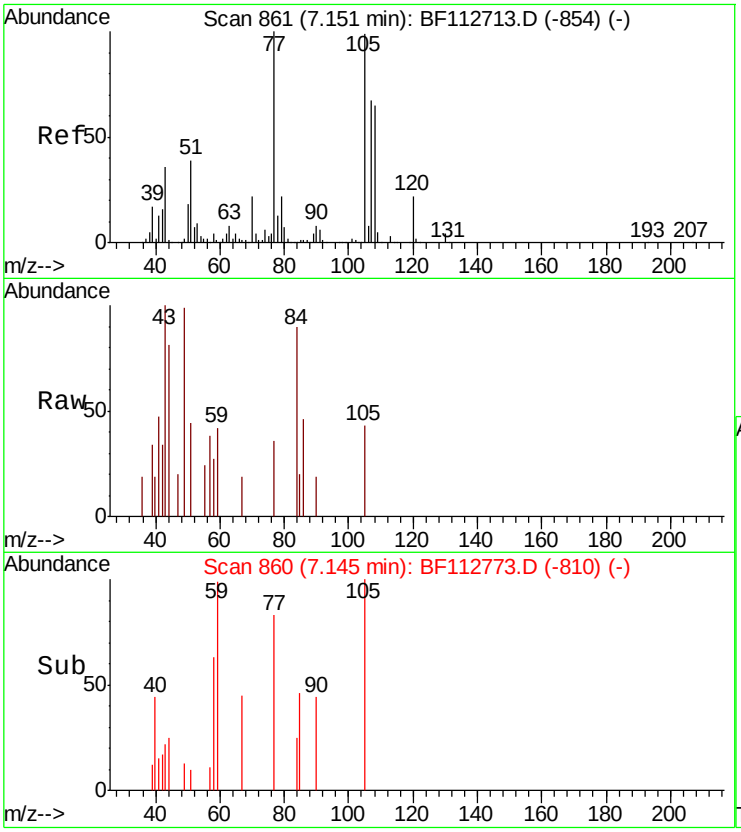


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:136 Resp: 716079

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.6	7.3	10.9
68	6.3	5.4	8.2



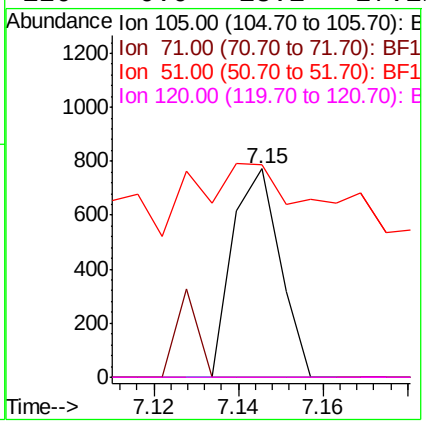


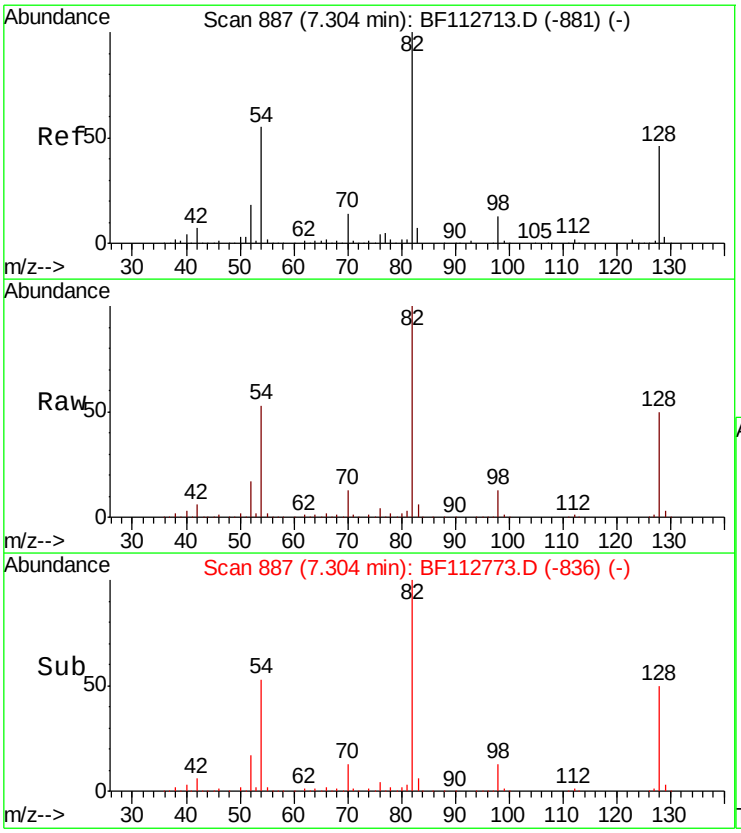
#22
Acetophenone
Concen: 0.036 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:105 Resp: 602

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	102.1	31.5	47.3#
120	0.0	18.1	27.1#

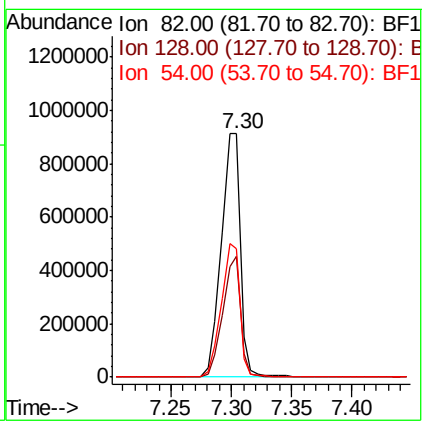


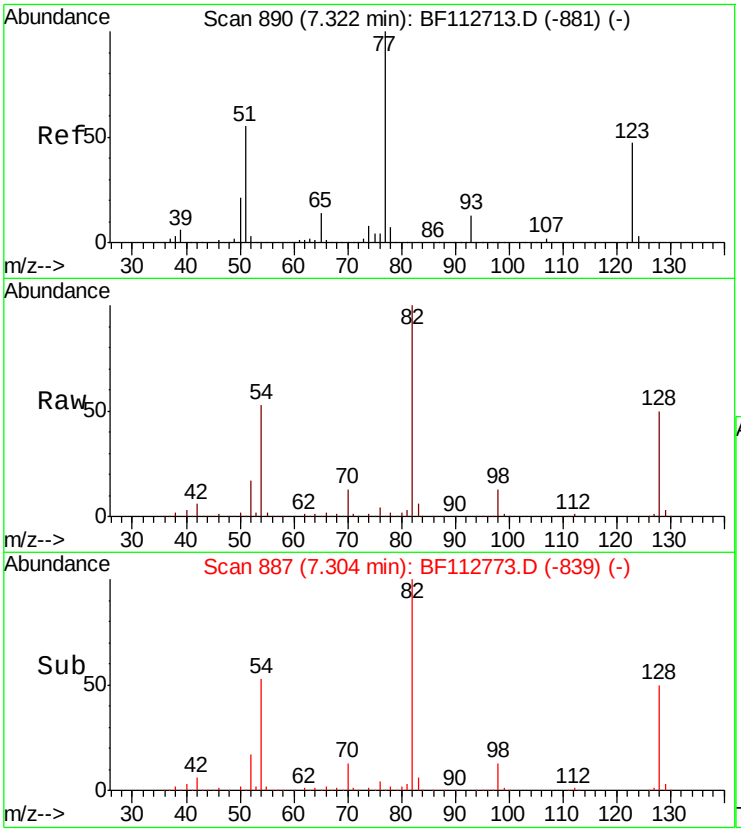


#23
Nitrobenzene-d5
Concen: 83.828 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 82 Resp: 1003168

Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.3	54.5
54	52.8	43.7	65.5



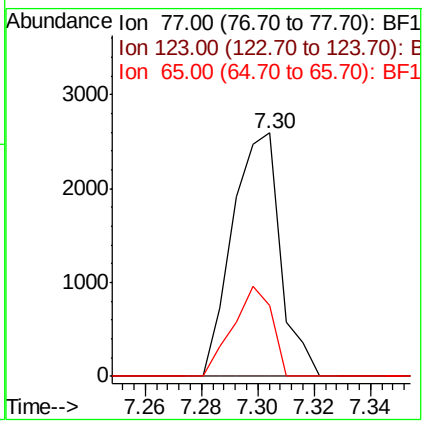


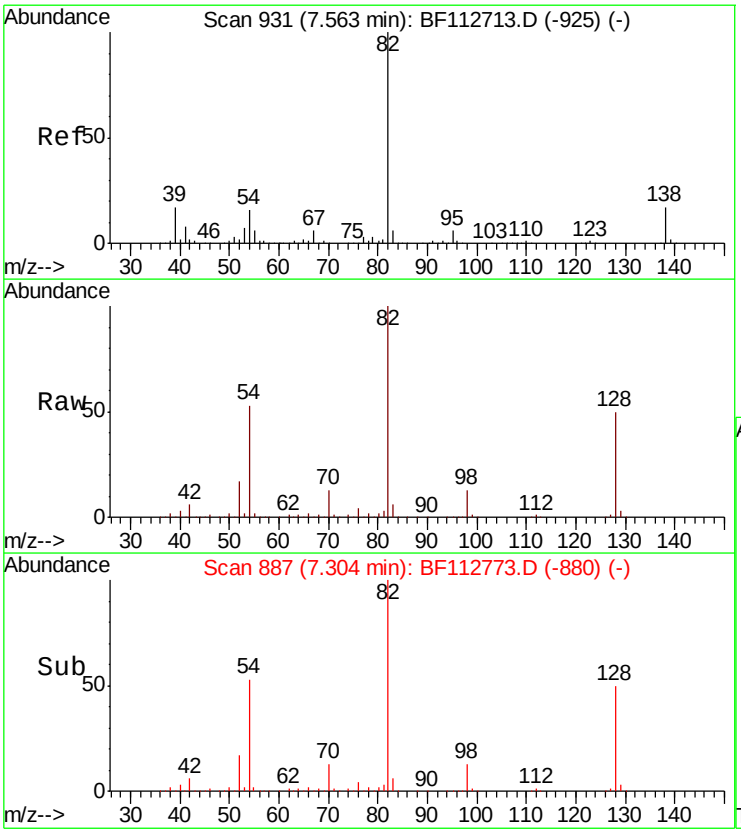
#24
Nitrobenzene
Concen: 0.229 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion: 77 Resp: 3045

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	29.2	11.1	16.7#

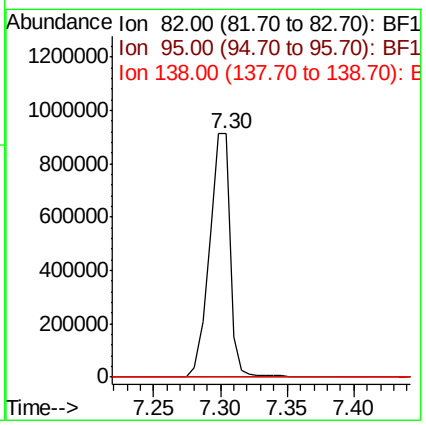


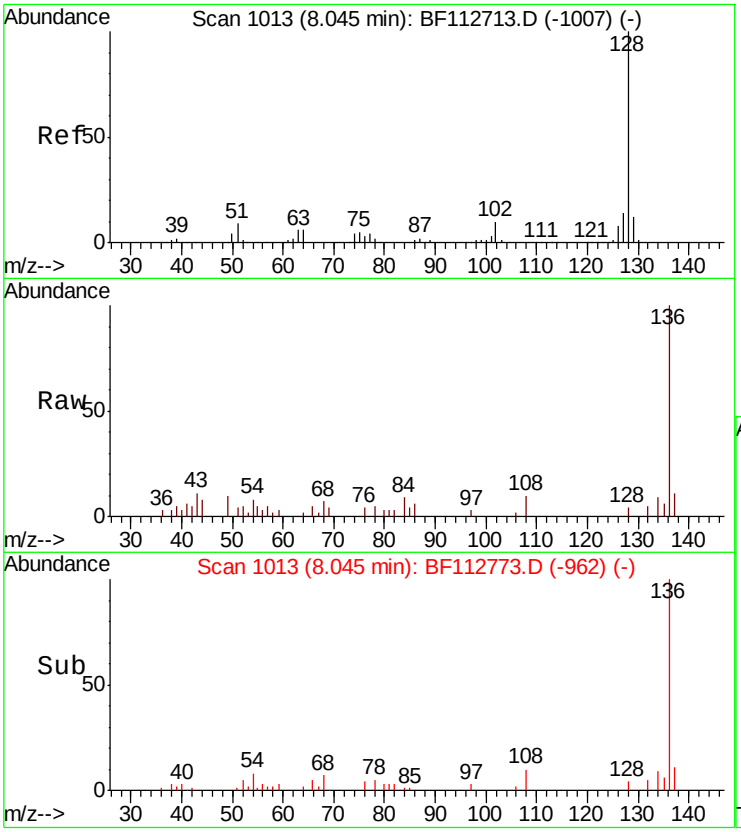


#25
Isophorone
Concen: 38.403 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 82 Resp: 990075

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



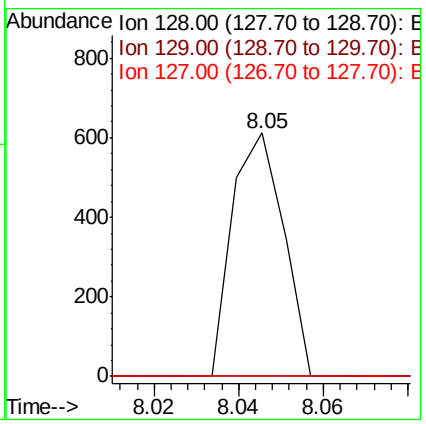


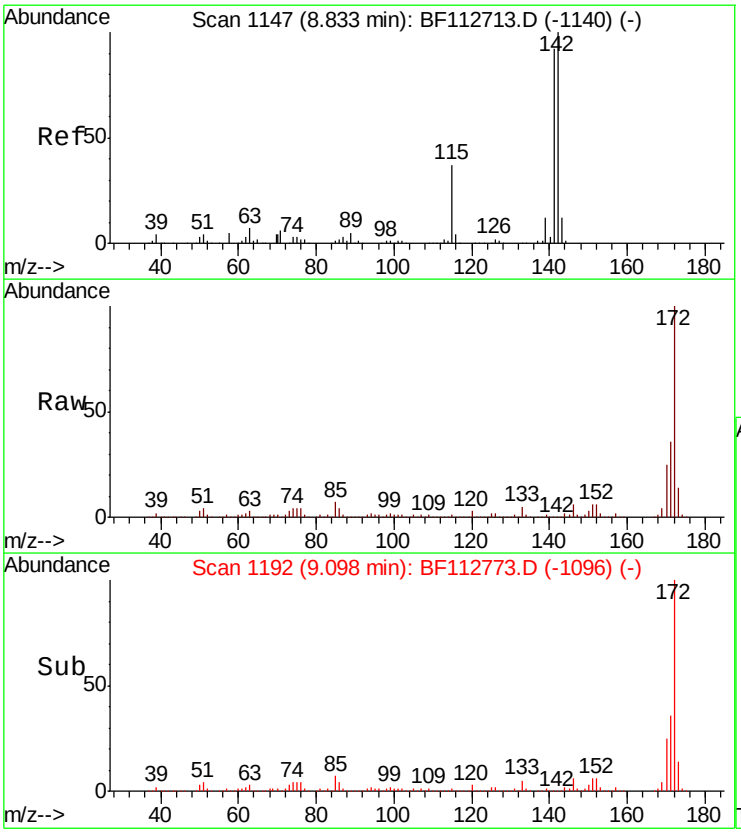
#31
Naphthalene
Concen: 0.014 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:128 Resp: 514

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	10.9	16.3#

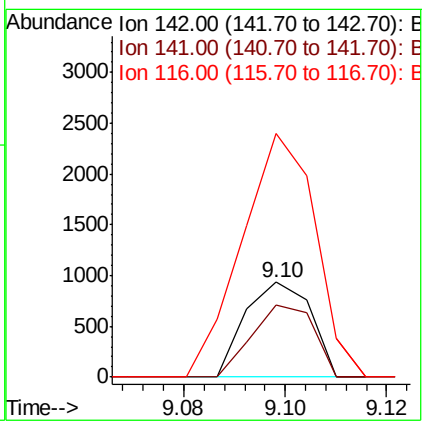


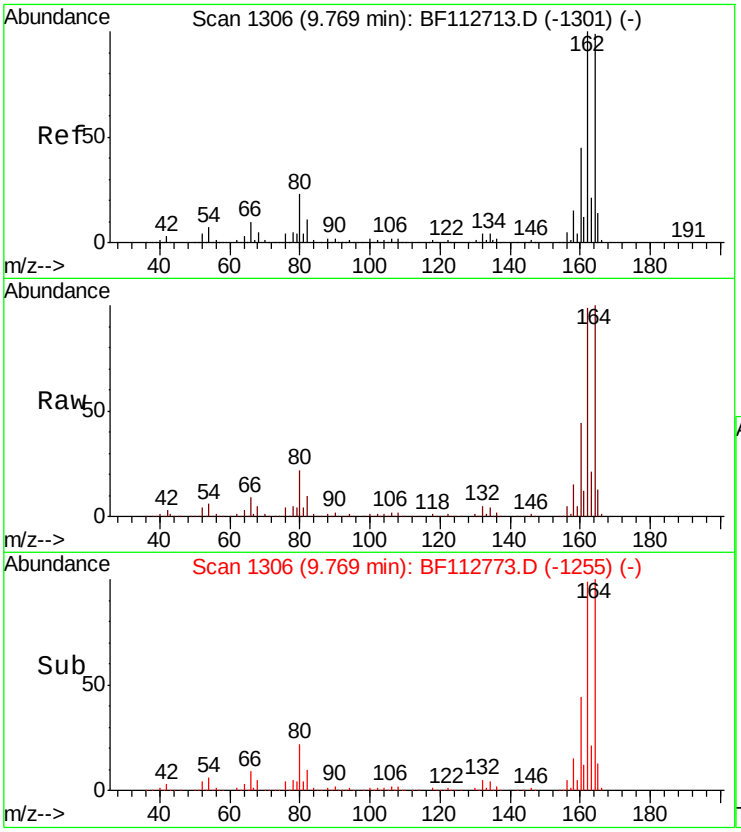


#38
1-Methylnaphthalene
Concen: 0.038 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.26 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:142 Resp: 834

Ion	Ratio	Lower	Upper
142	100		
141	76.3	73.7	110.5
116	256.7	3.1	4.7#



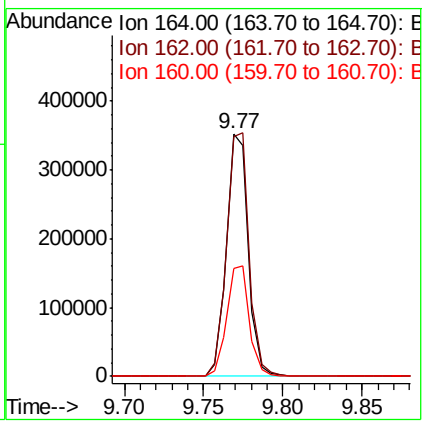


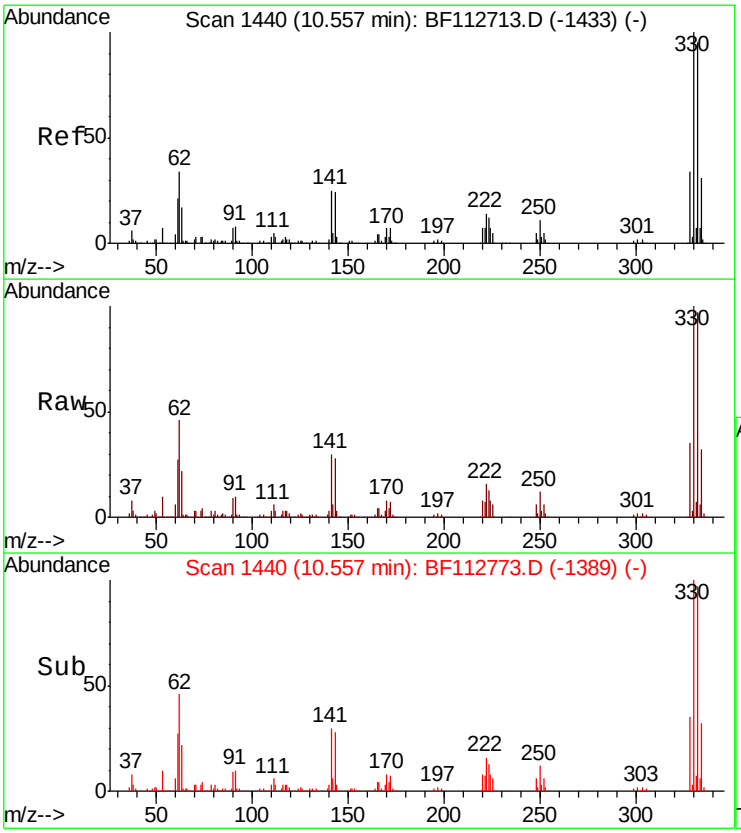
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:164 Resp: 336109

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.6	120.8
160	44.2	36.0	54.0

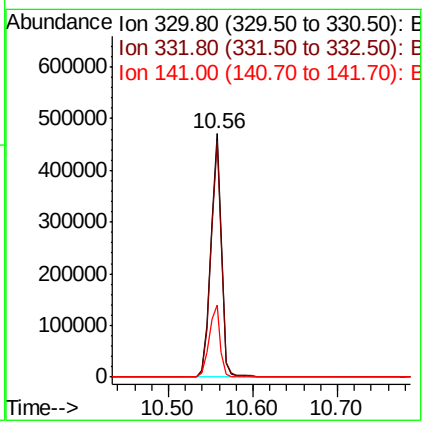


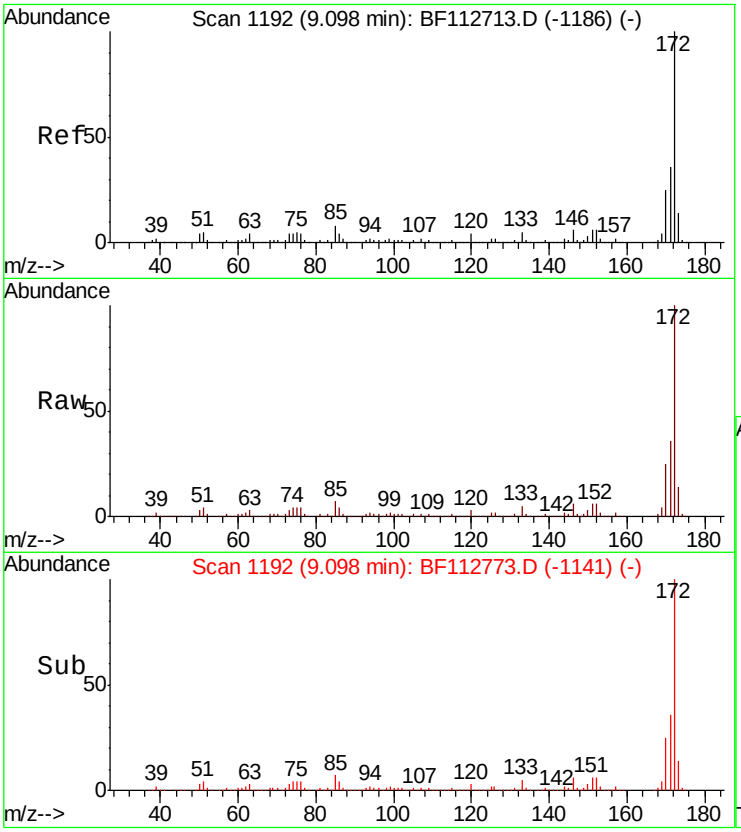


#42
2,4,6-Tribromophenol
Concen: 120.801 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:330 Resp: 431043

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	30.0	27.0	40.6



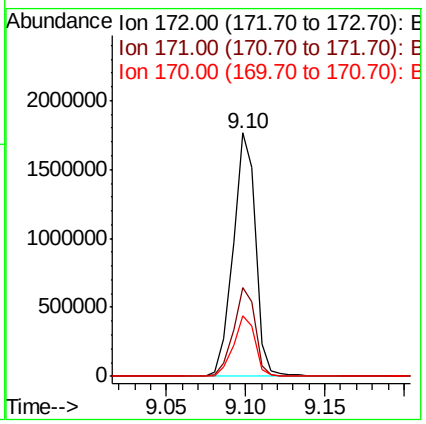


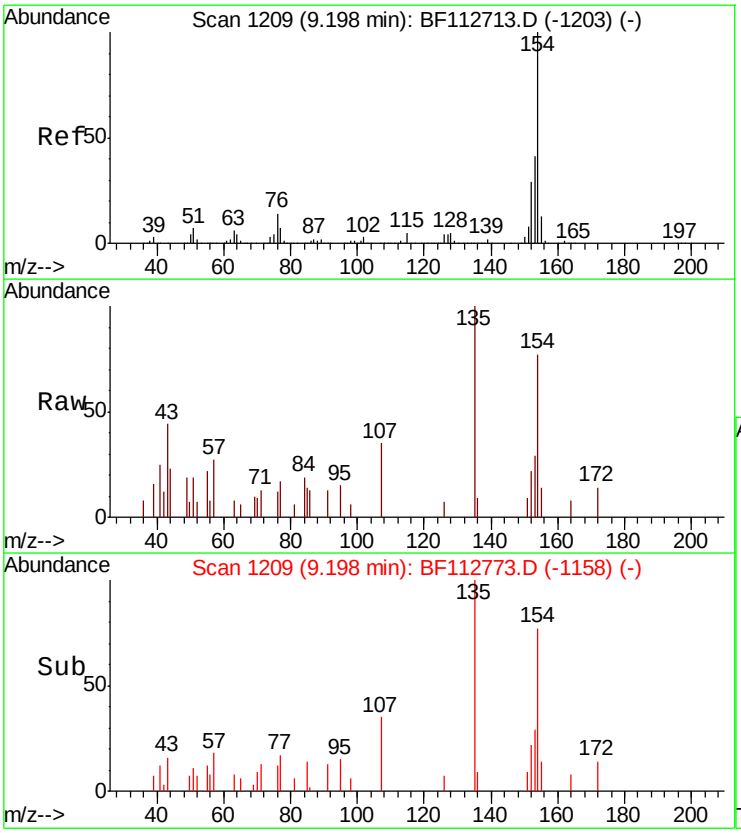
#45
2-Fluorobiphenyl
Concen: 88.758 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:172 Resp: 1726934

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0

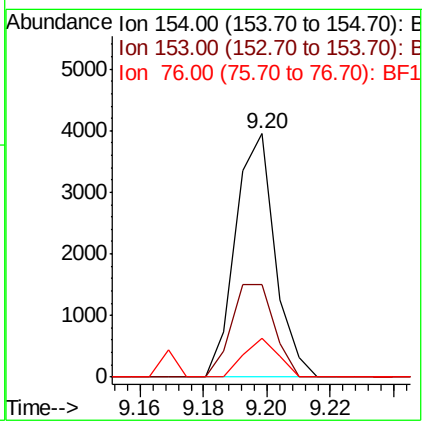


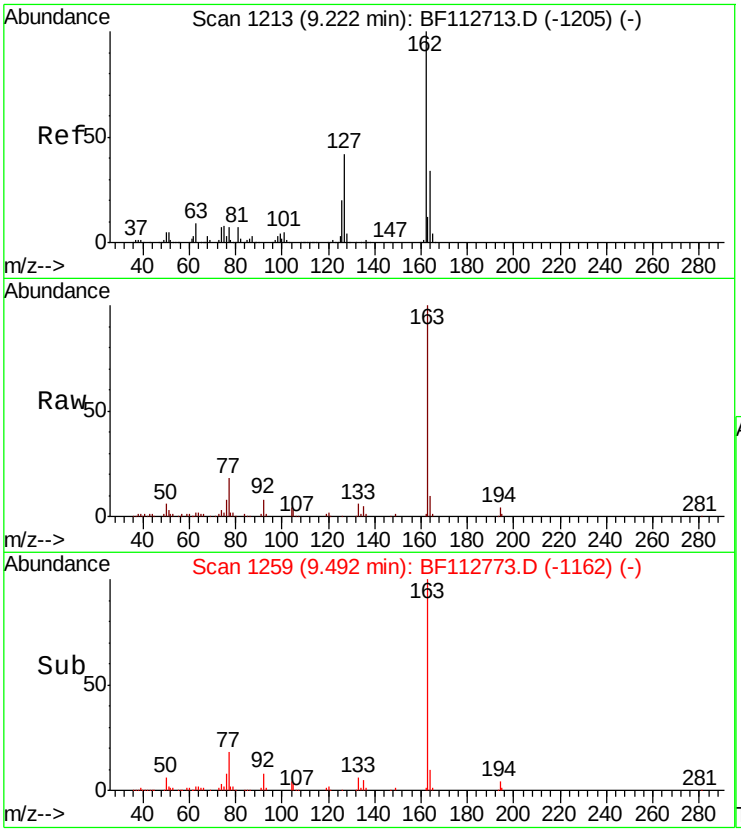


#46
1,1'-Biphenyl
Concen: 0.124 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:154 Resp: 3396

Ion	Ratio	Lower	Upper
154	100		
153	38.1	20.8	60.8
76	15.9	0.0	33.8



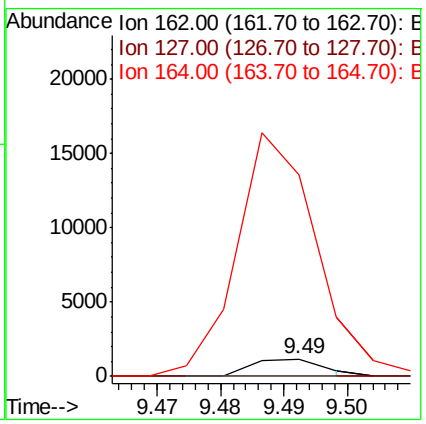


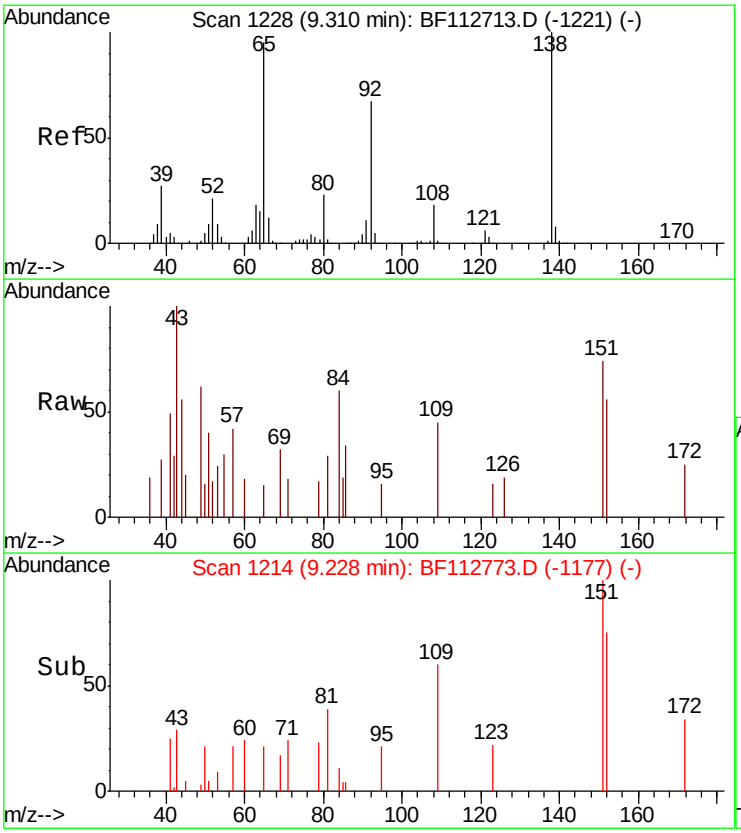
#47
2-Chloronaphthalene
Concen: 0.043 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.27 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:162 Resp: 914

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1181.3	26.9	40.3#

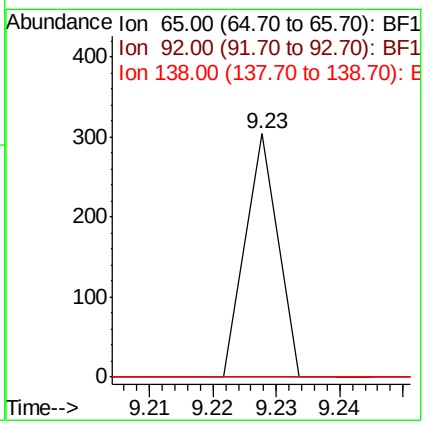


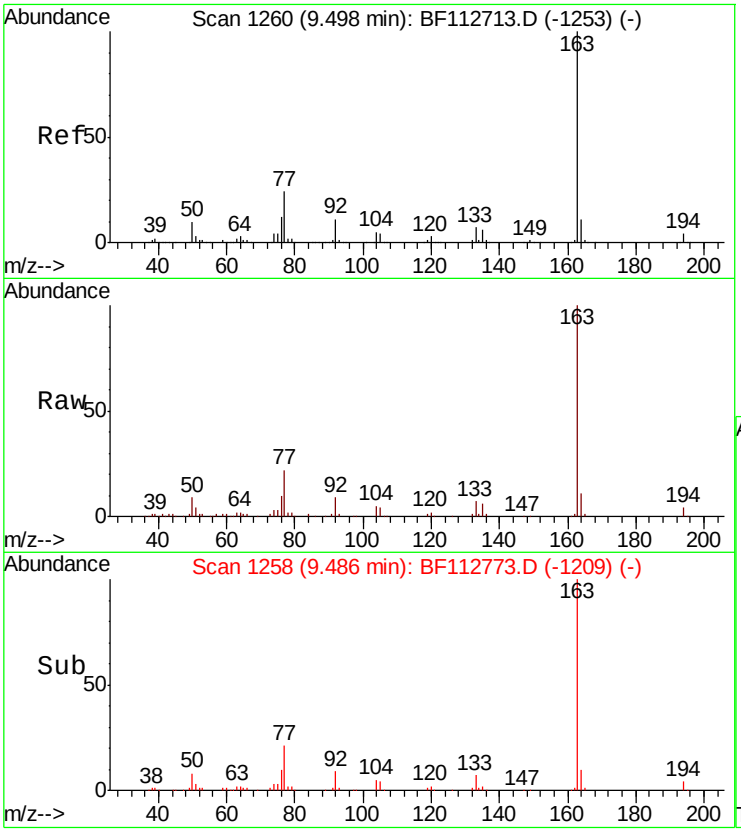


#48
2-Nitroaniline
Concen: 0.016 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.08 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 65 Resp: 107

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.4	84.6#
138	0.0	84.6	126.8#



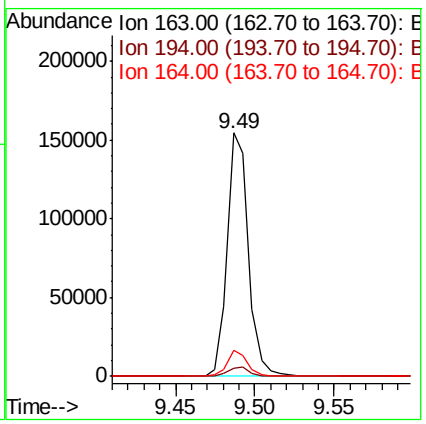


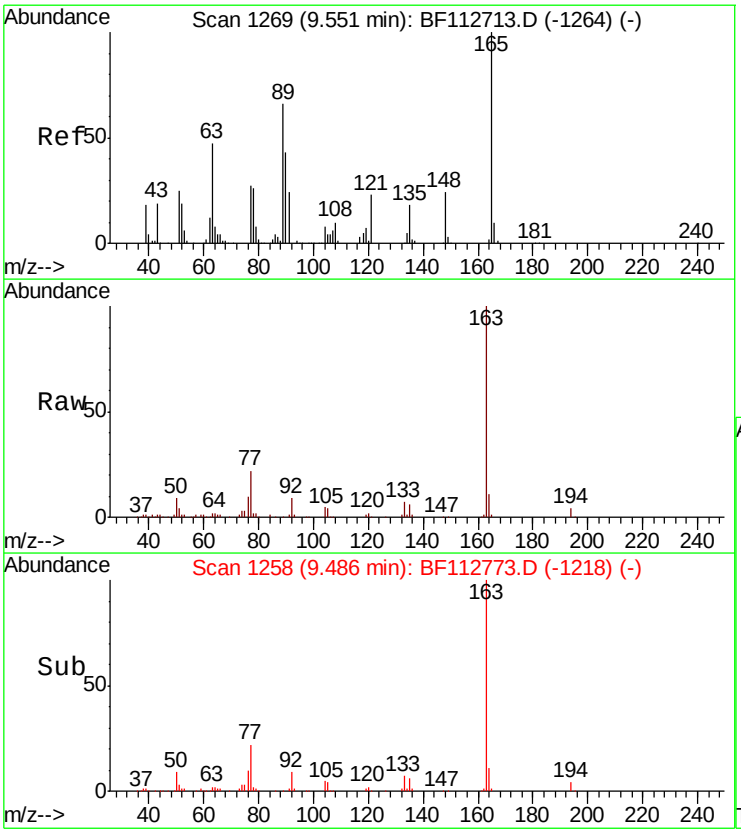
#50
Dimethylphthalate
Concen: 5.777 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:163 Resp: 143171

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.6	8.4	12.6

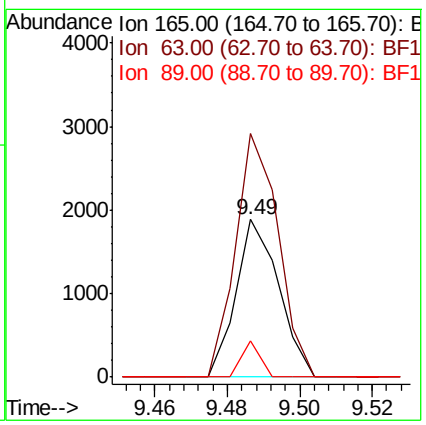


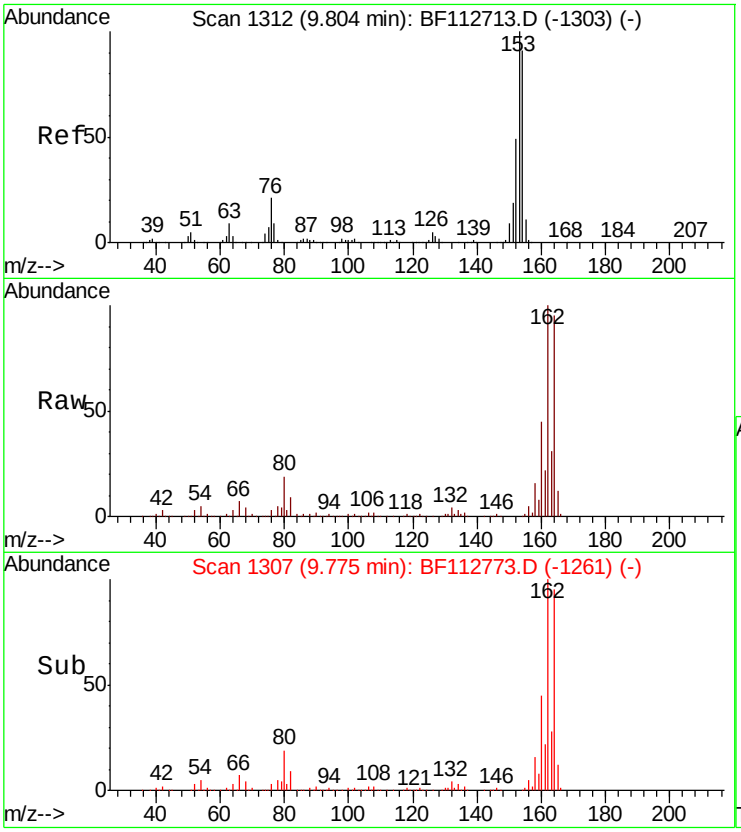


#51
2,6-Dinitrotoluene
Concen: 0.302 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.06 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:165 Resp: 1558

Ion	Ratio	Lower	Upper
165	100		
63	154.7	54.1	81.1#
89	23.4	52.8	79.2#



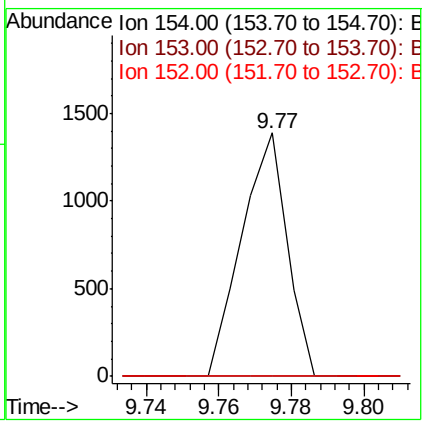


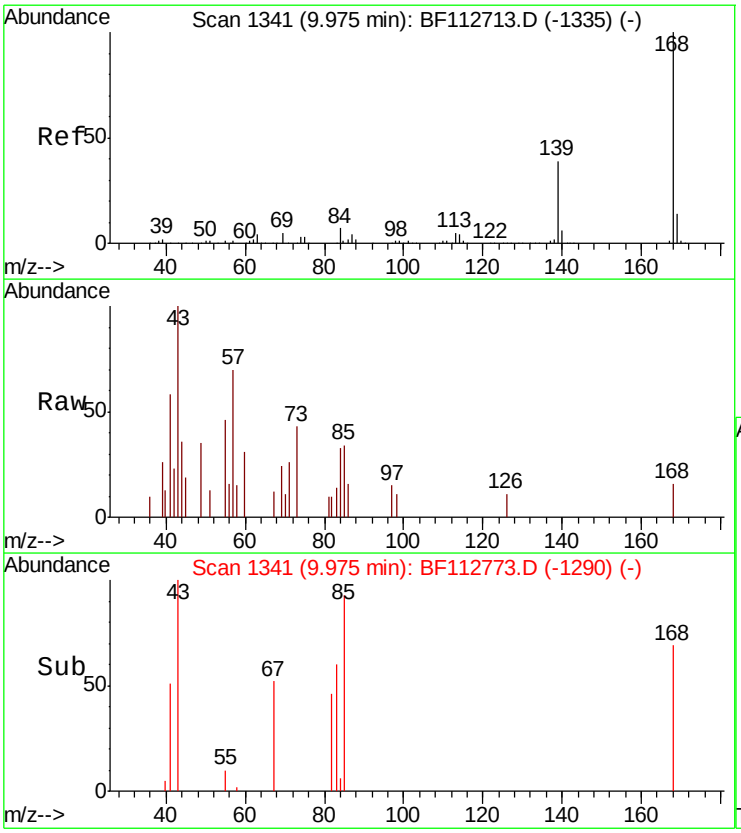
#52
Acenaphthene
Concen: 0.057 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:154 Resp: 1203

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.8#
152	0.0	43.0	64.6#

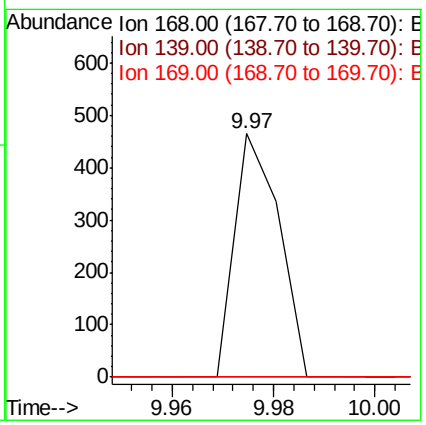


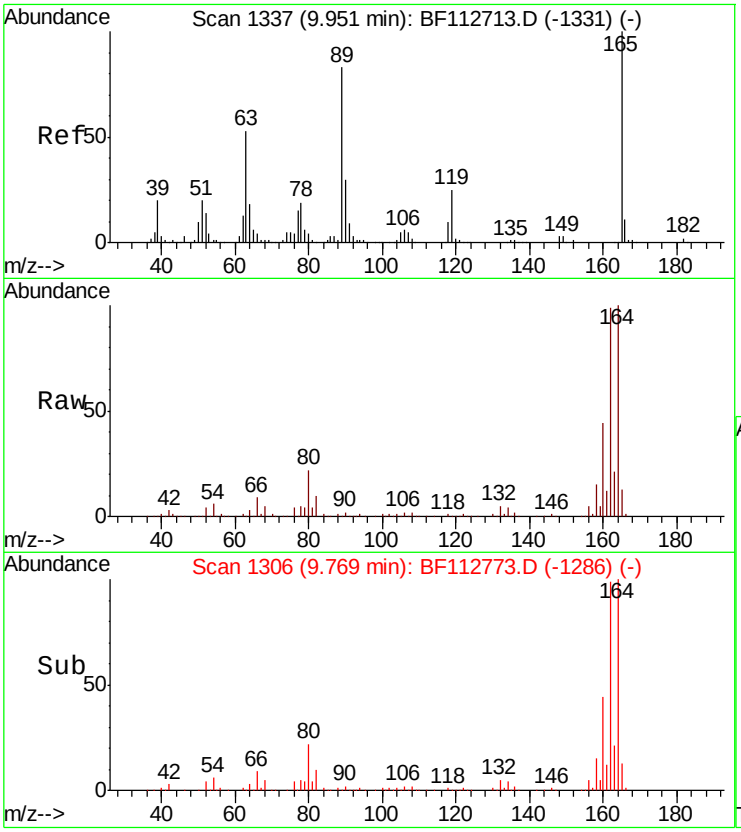


#55
Dibenzofuran
Concen: 0.009 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:168 Resp: 282

Ion	Ratio	Lower	Upper
168	100		
139	0.0	31.3	46.9#
169	0.0	11.3	16.9#



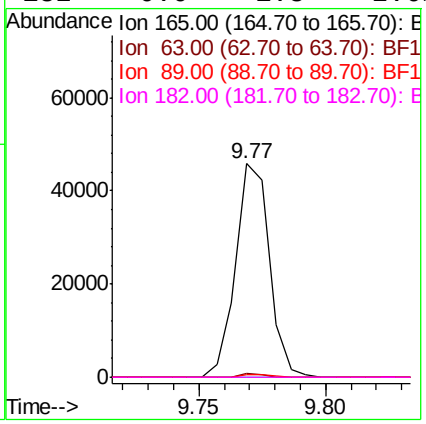


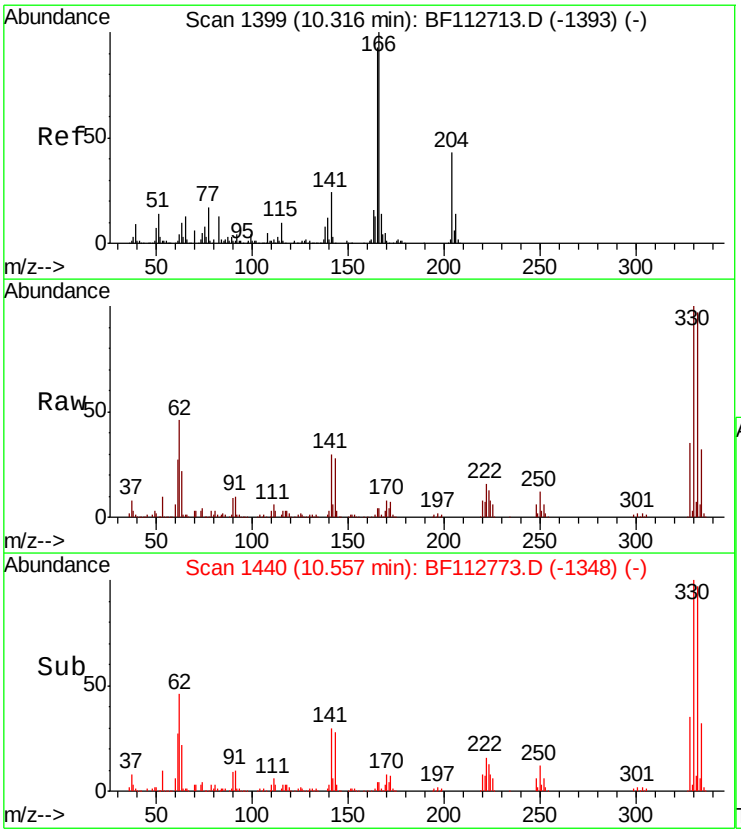
#57
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:165 Resp: 42515

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

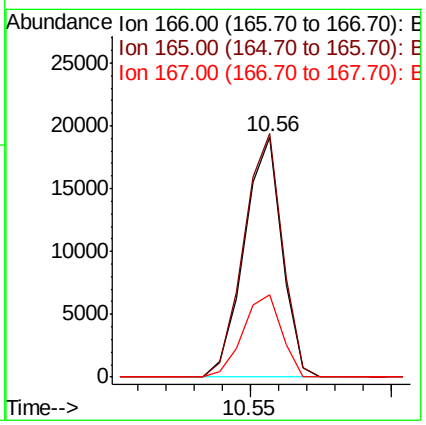


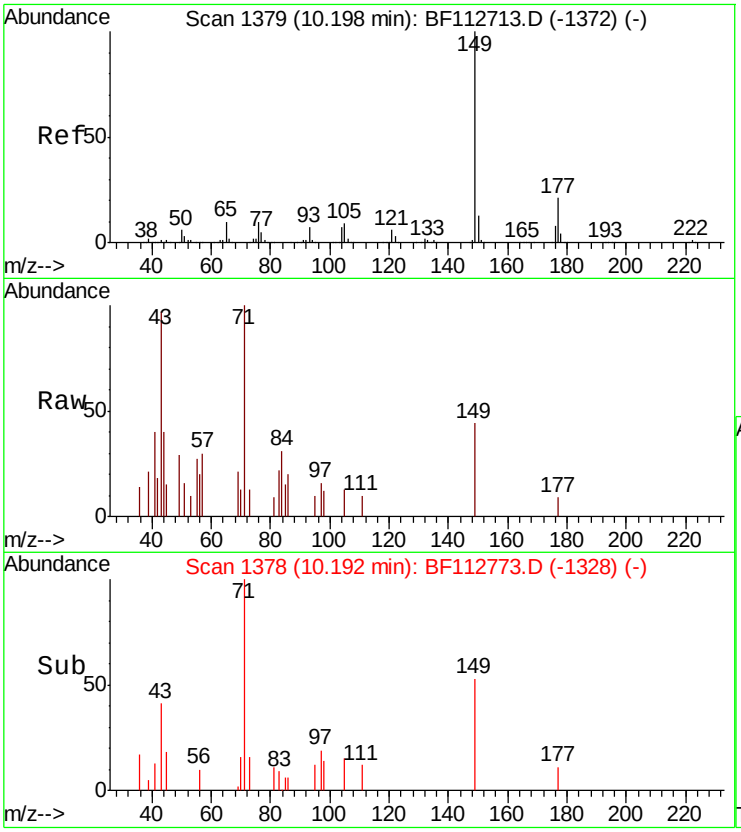


#58
Fluorene
Concen: 0.808 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:166 Resp: 17721

Ion	Ratio	Lower	Upper
166	100		
165	101.4	74.7	112.1
167	34.0	11.0	16.6#



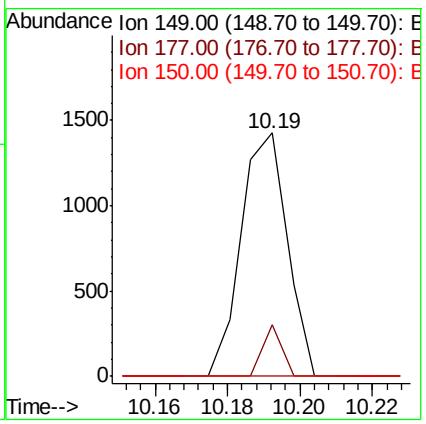


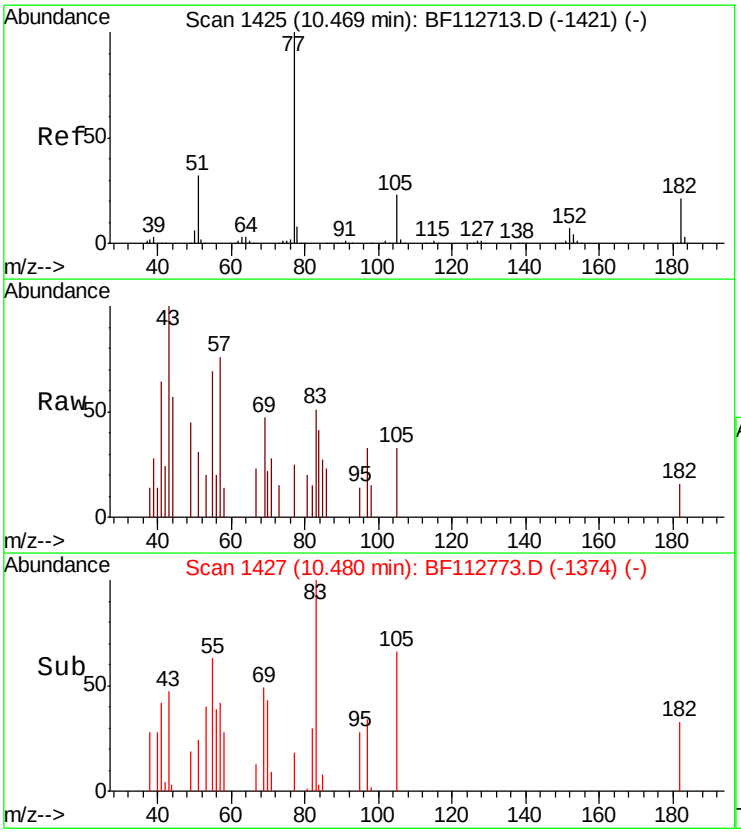
#60
Diethylphthalate
Concen: 0.048 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:149 Resp: 1260

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	0.0	10.0	15.0#

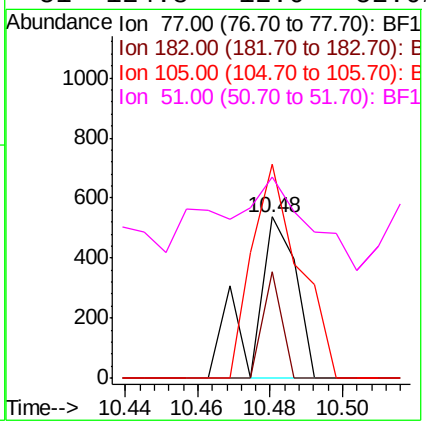


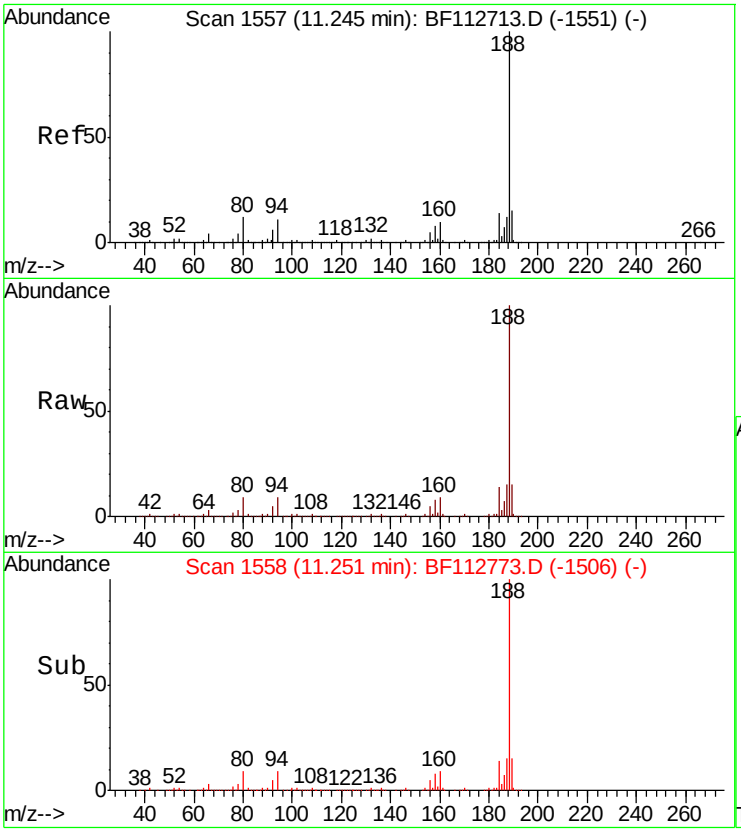


#63
Azobenzene
Concen: 0.016 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion: 77 Resp: 438

Ion	Ratio	Lower	Upper
77	100		
182	66.0	1.4	41.4#
105	132.8	2.6	42.6#
51	124.8	12.0	52.0#



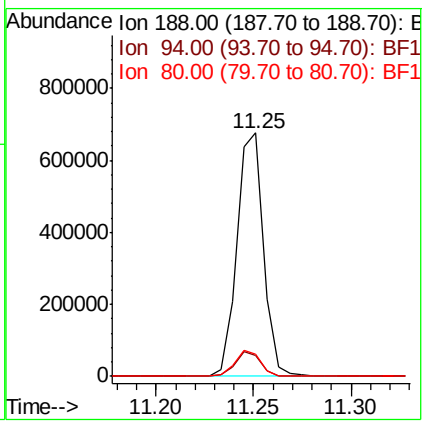


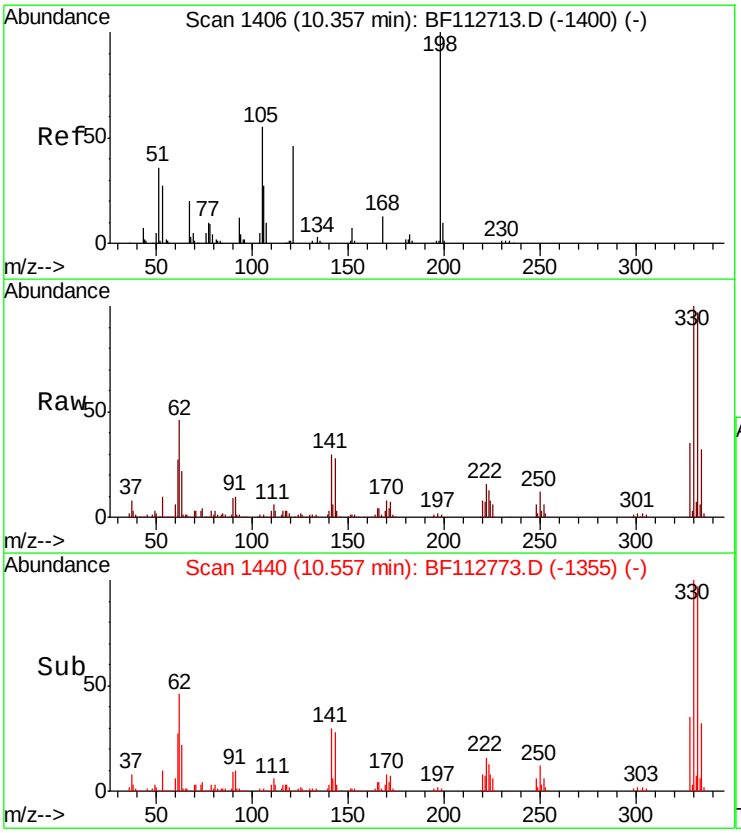
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:188 Resp: 633897

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.1	9.2	13.8#

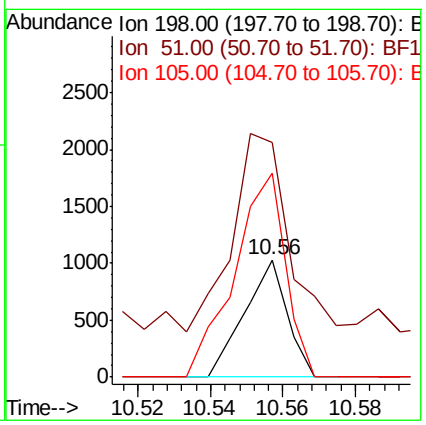


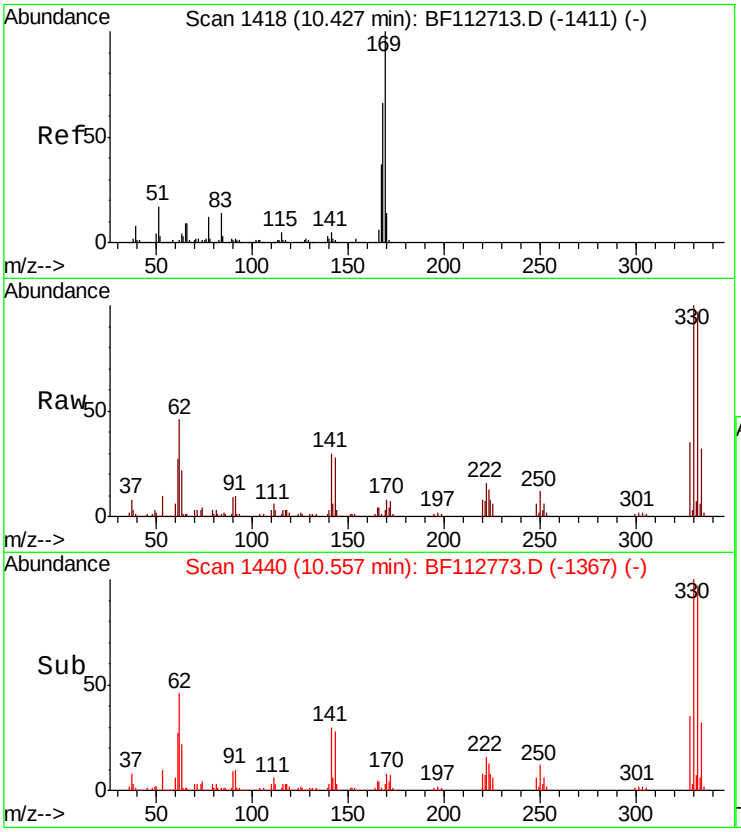


#65
4,6-Dinitro-2-methylphenol
Concen: 4.904 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:198 Resp: 839

Ion	Ratio	Lower	Upper
198	100		
51	201.1	43.8	83.8#
105	174.0	36.5	76.5#



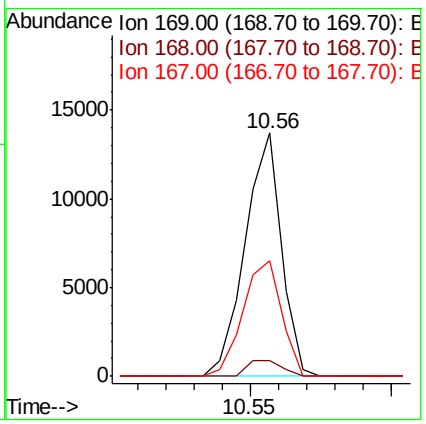


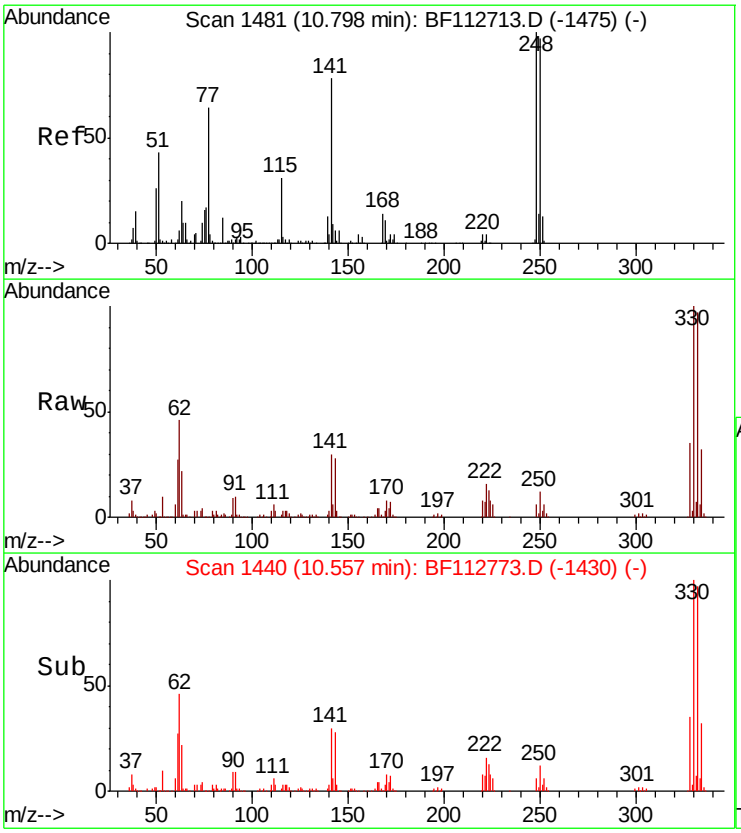
#66
n-Nitrosodiphenylamine
Concen: 0.602 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.13 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:169 Resp: 12229

Ion	Ratio	Lower	Upper
169	100		
168	6.4	53.0	79.6#
167	47.4	29.3	43.9#

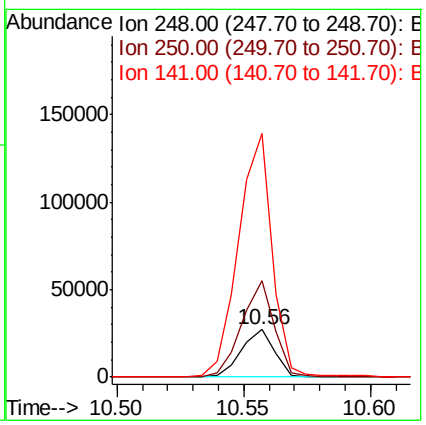


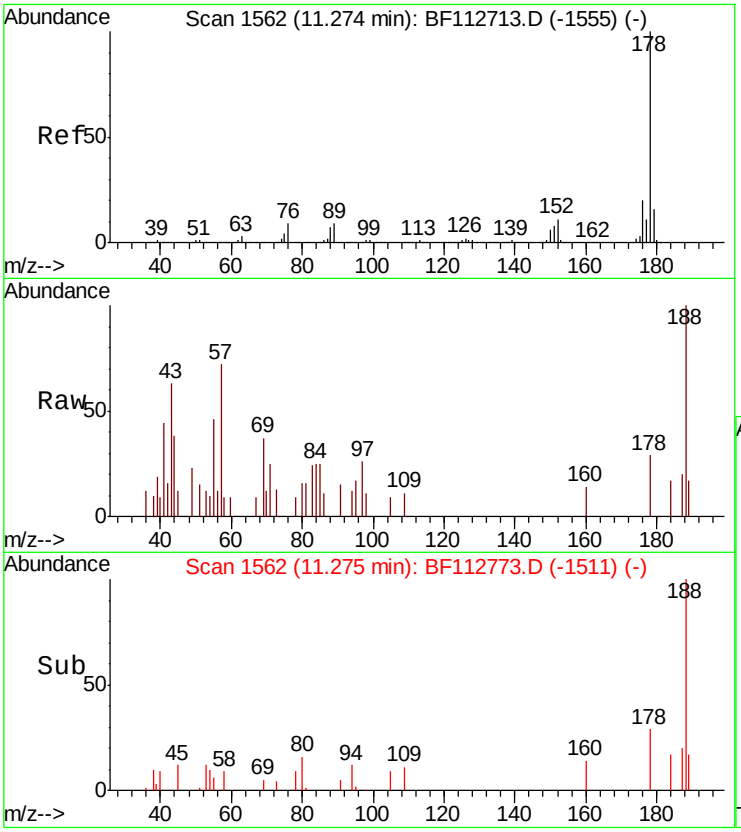


#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:248 Resp: 24862

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.5	116.3#
141	510.1	62.4	93.6#



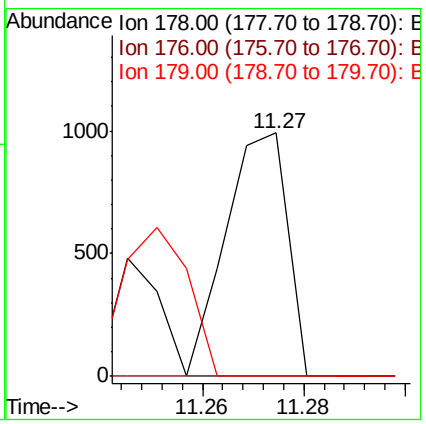


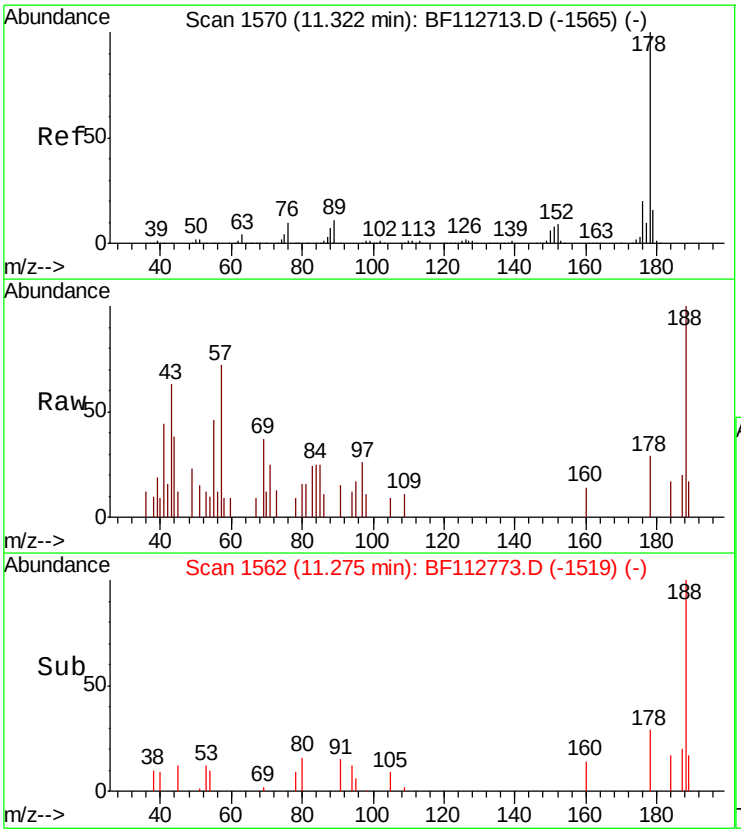
#71
Phenanthrene
Concen: 0.027 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:178 Resp: 839

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.3	24.5#
179	0.0	12.7	19.1#

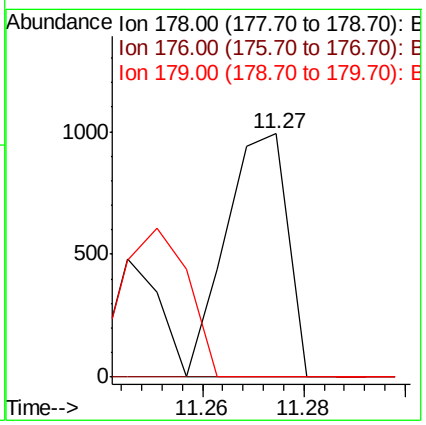


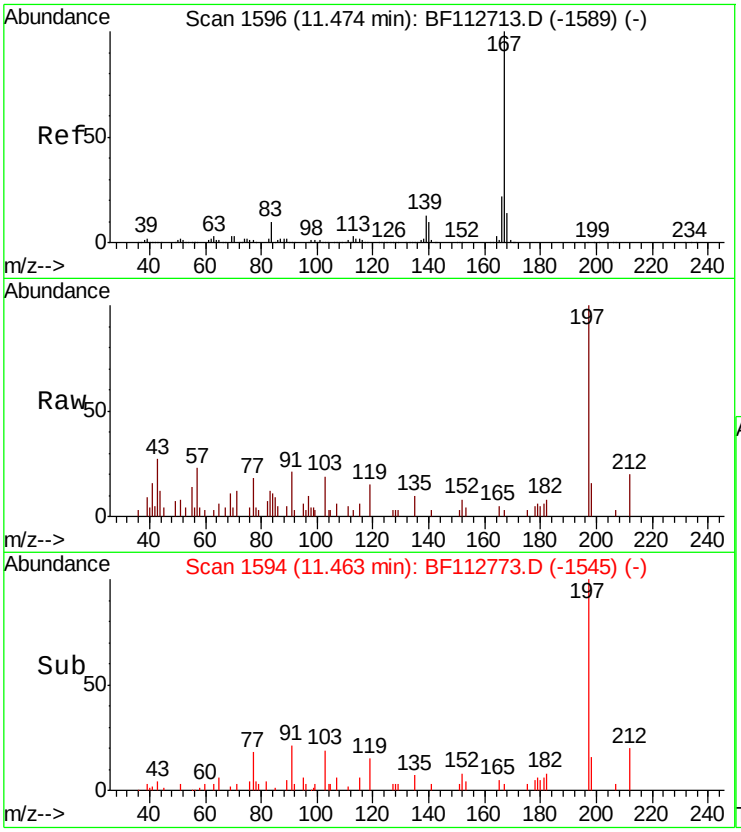


#72
Anthracene
Concen: 0.025 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.05 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:178 Resp: 839

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	13.0	19.6#



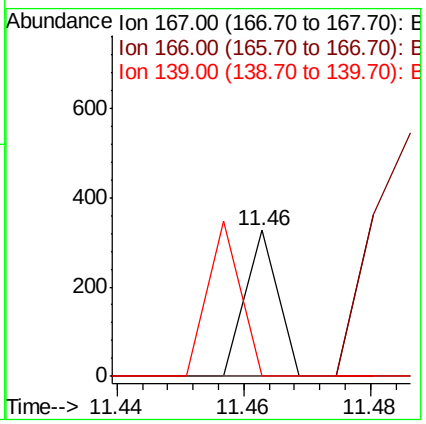


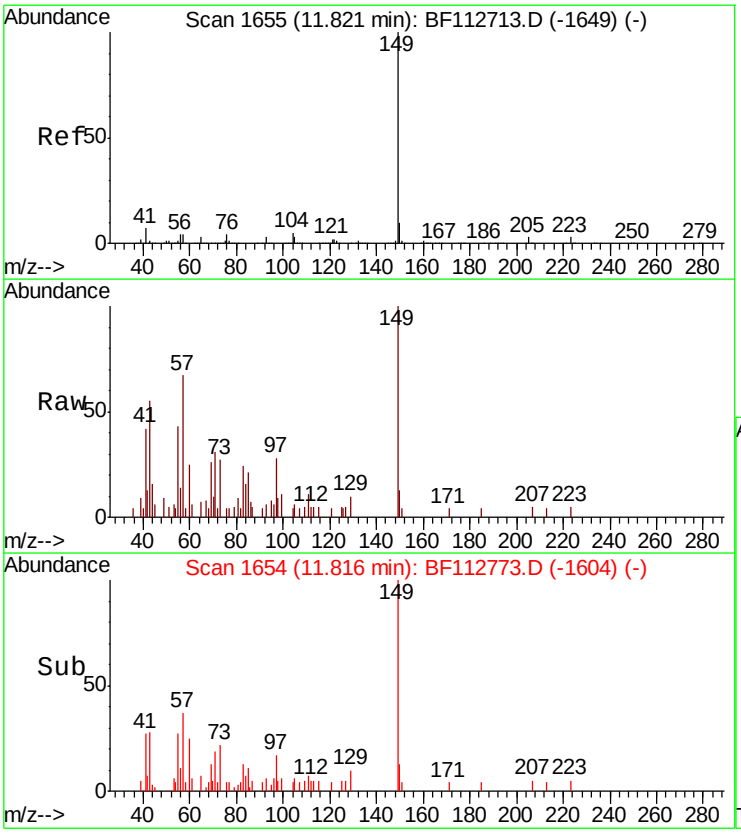
#73
Carbazole
Concen: 0.004 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:167 Resp: 115

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.5	26.3#
139	0.0	10.8	16.2#

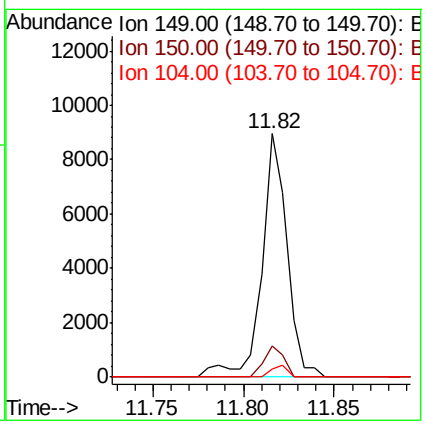


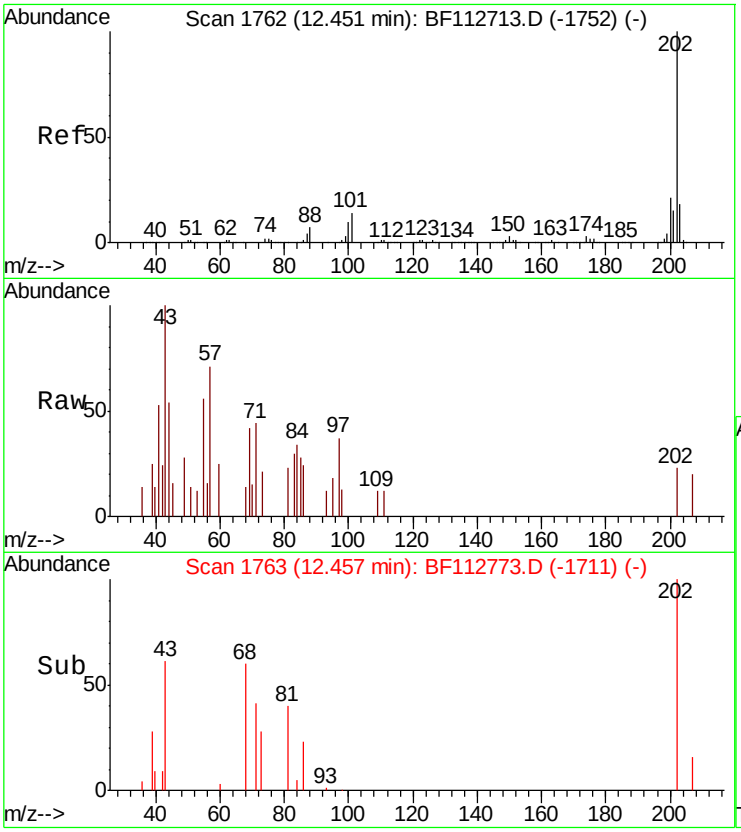


#74
Di-n-butylphthalate
Concen: 0.224 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:149 Resp: 8665

Ion	Ratio	Lower	Upper
149	100		
150	12.8	7.6	11.4#
104	3.5	3.7	5.5#



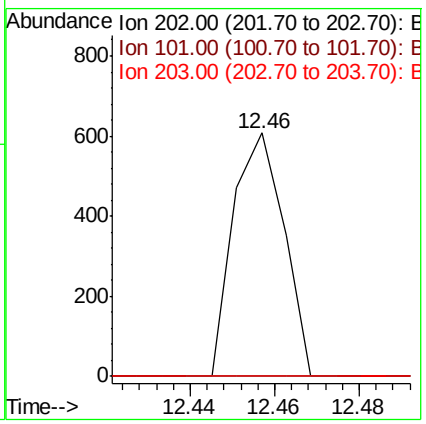


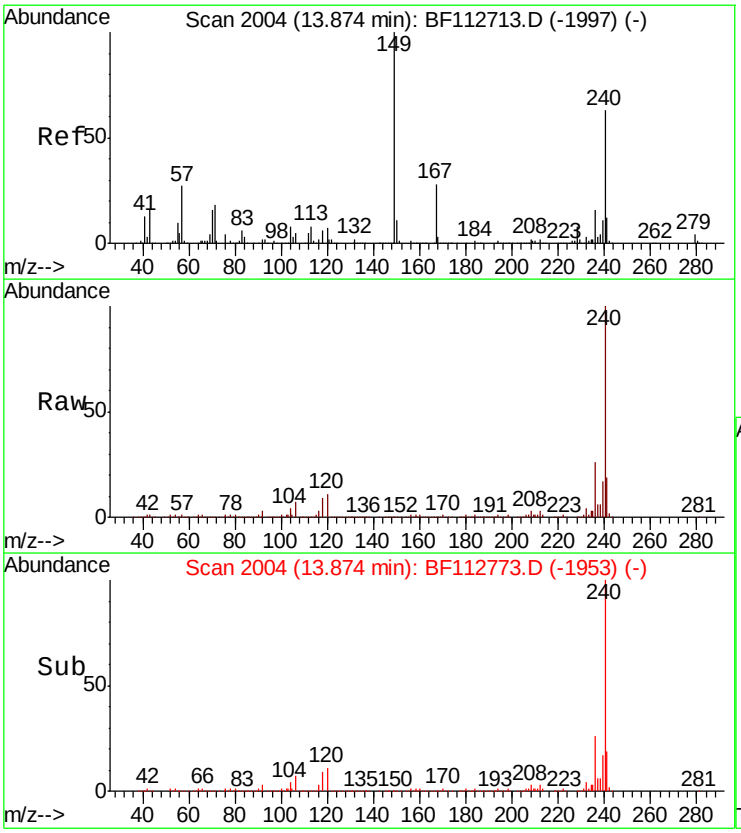
#75
Fluoranthene
Concen: 0.015 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:202 Resp: 505

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.8
203	0.0	0.0	38.4

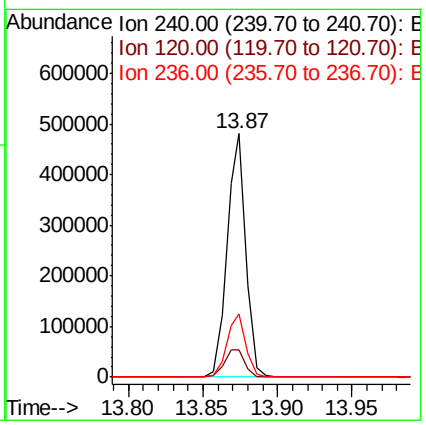


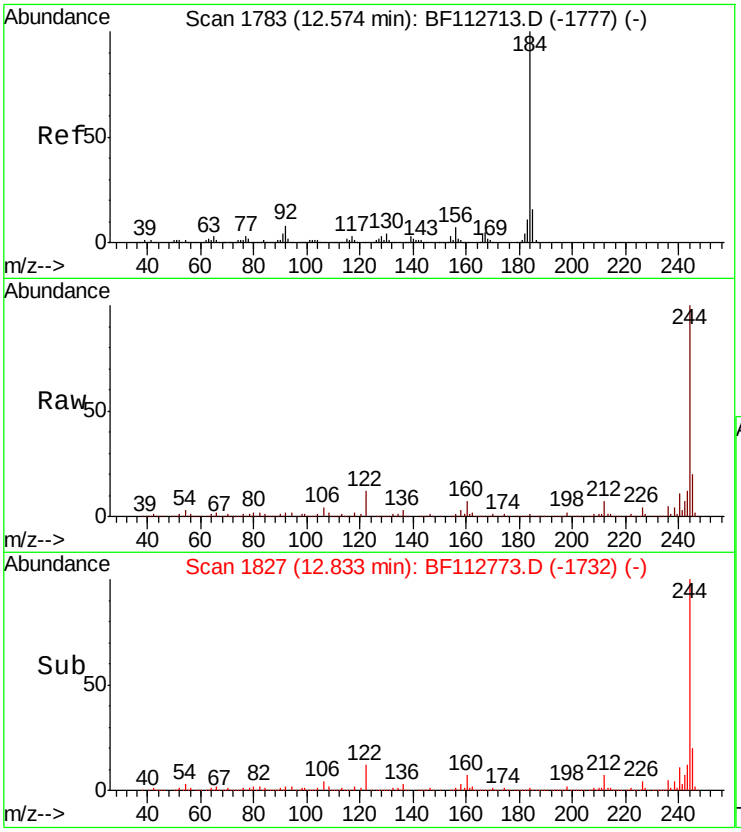


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:240 Resp: 424946

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.1	20.7	31.1



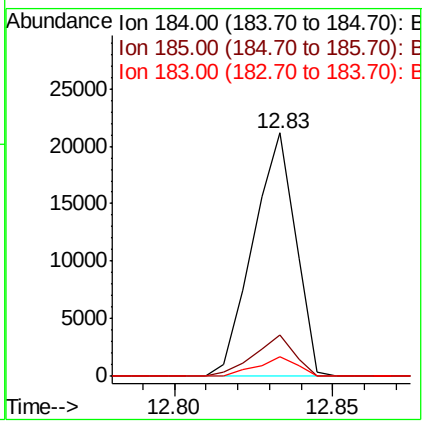


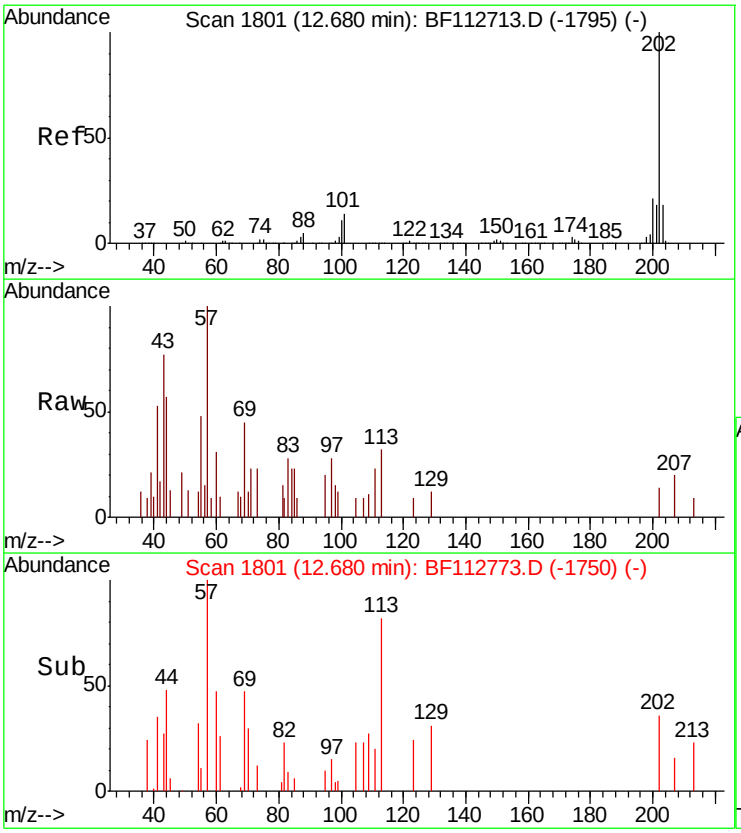
#77
Benzidine
Concen: 0.897 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.26 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:184 Resp: 19779

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	8.1	8.6	12.8#

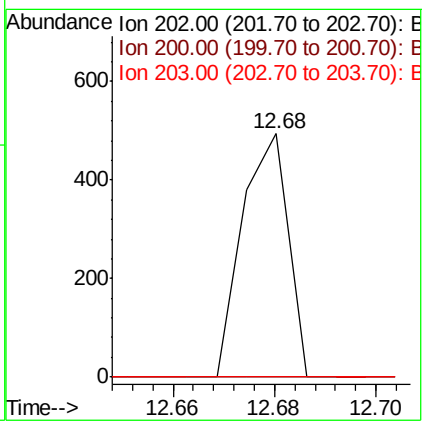


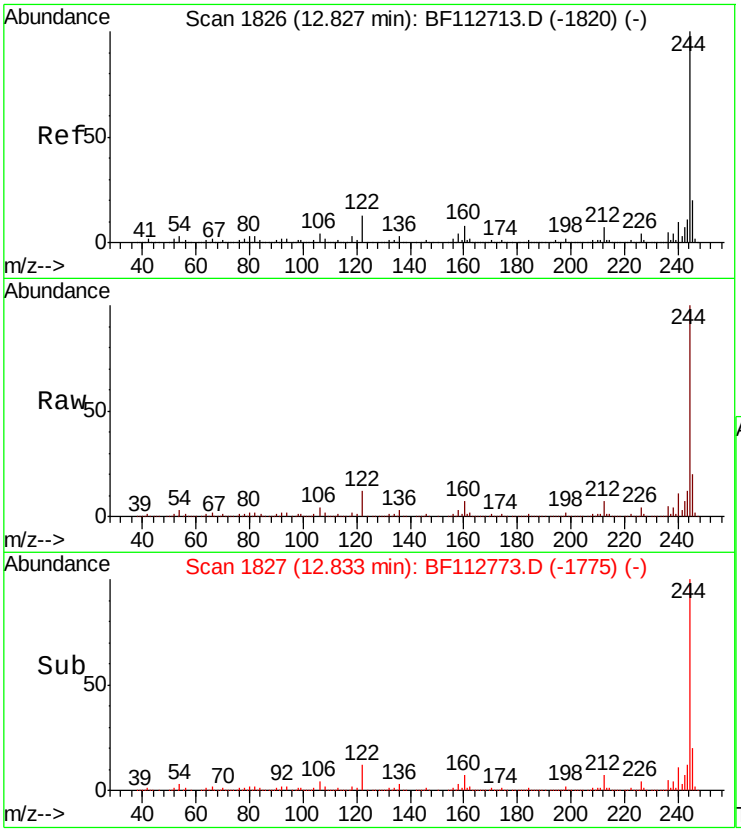


#78
Pyrene
Concen: 0.009 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:202 Resp: 309

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.0	25.4#
203	0.0	14.4	21.6#



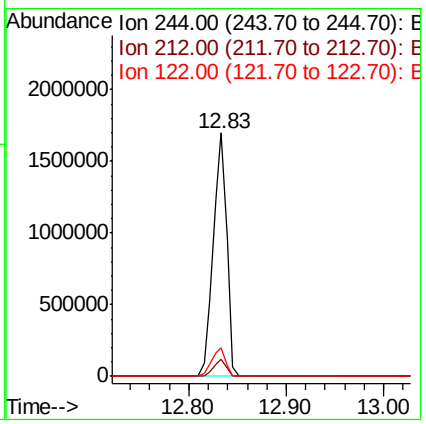


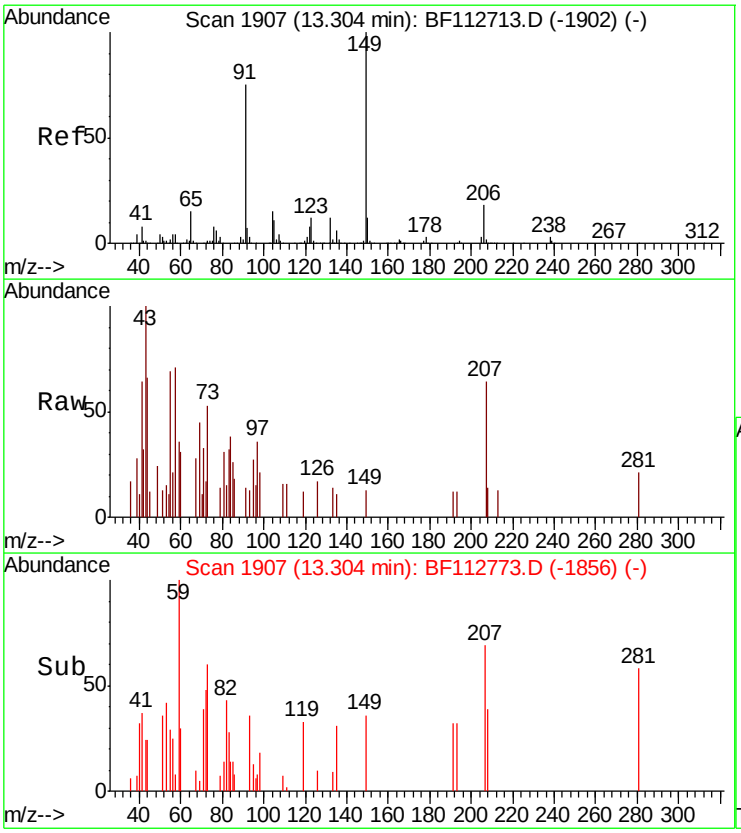
#79
Terphenyl-d14
Concen: 73.653 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:244 Resp: 1614578

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.0	10.5	15.7

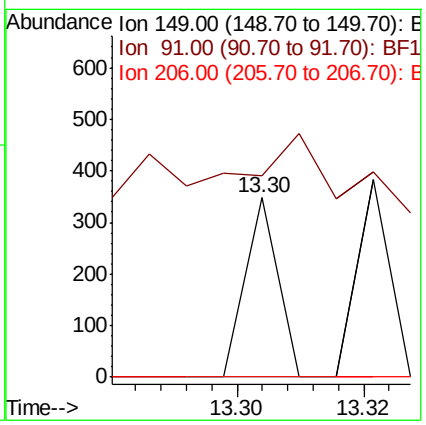


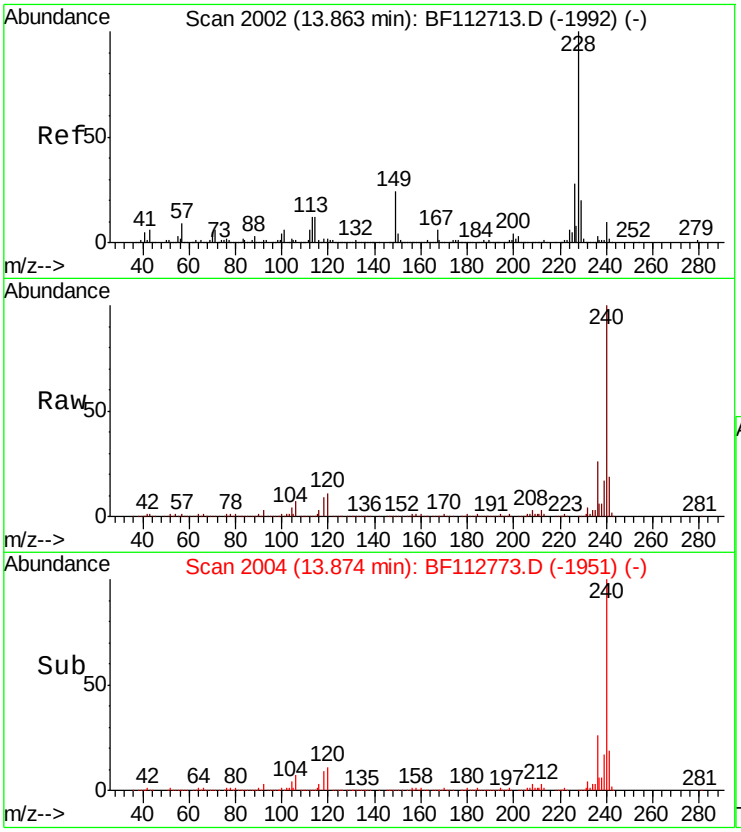


#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:149 Resp: 123

Ion	Ratio	Lower	Upper
149	100		
91	112.1	59.9	89.9#
206	0.0	14.7	22.1#



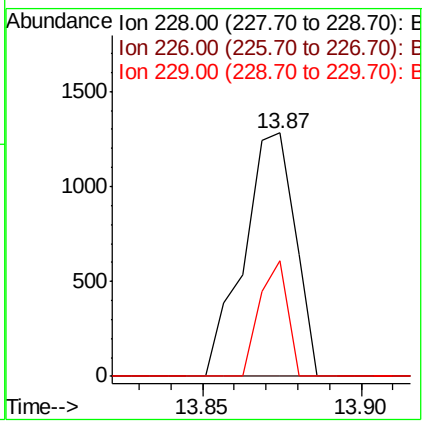


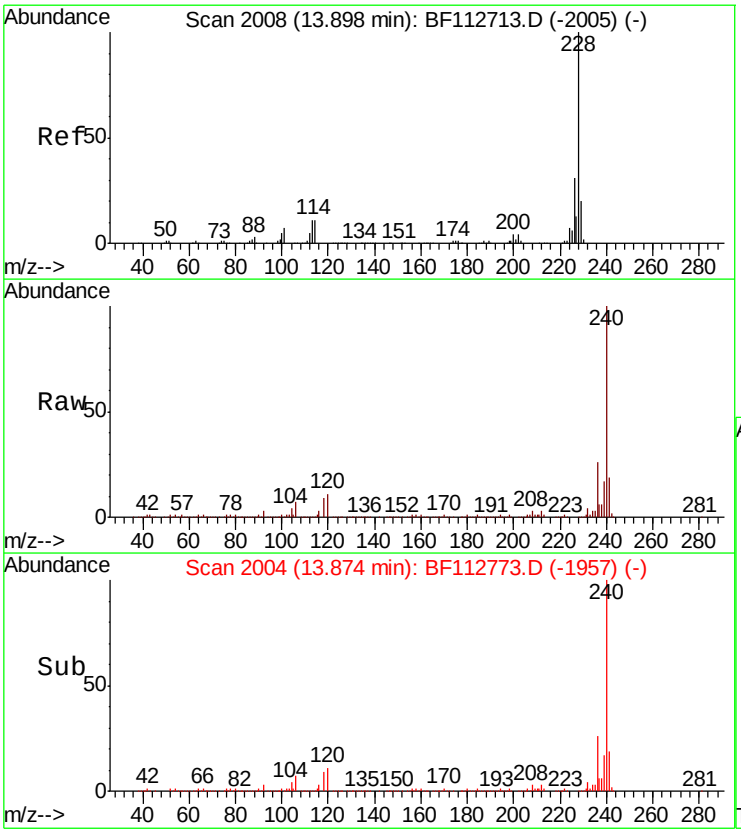
#81
Benzo(a)anthracene
Concen: 0.049 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:228 Resp: 1444

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	47.7	16.0	24.0#

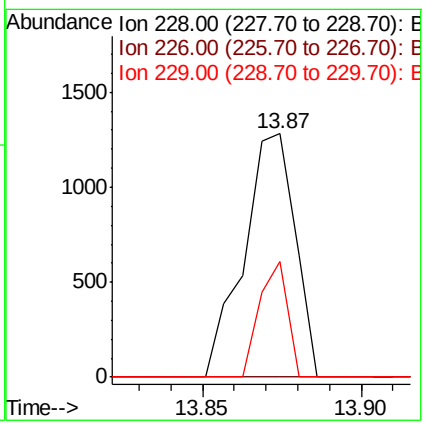


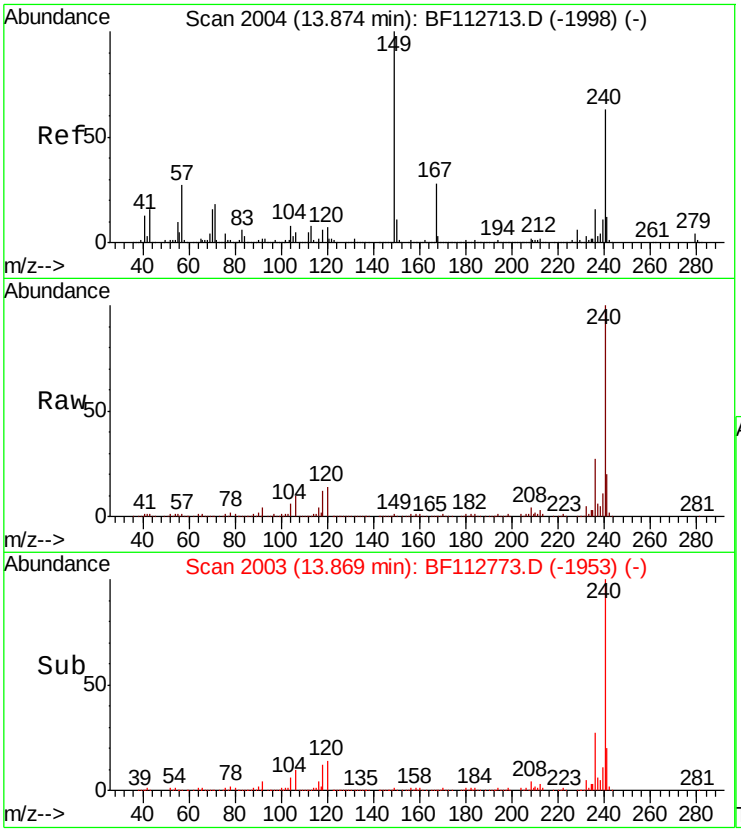


#83
Chrysene
Concen: 0.050 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:228 Resp: 1444

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	47.7	16.3	24.5#



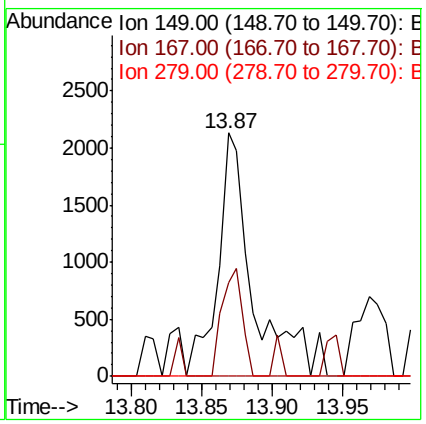


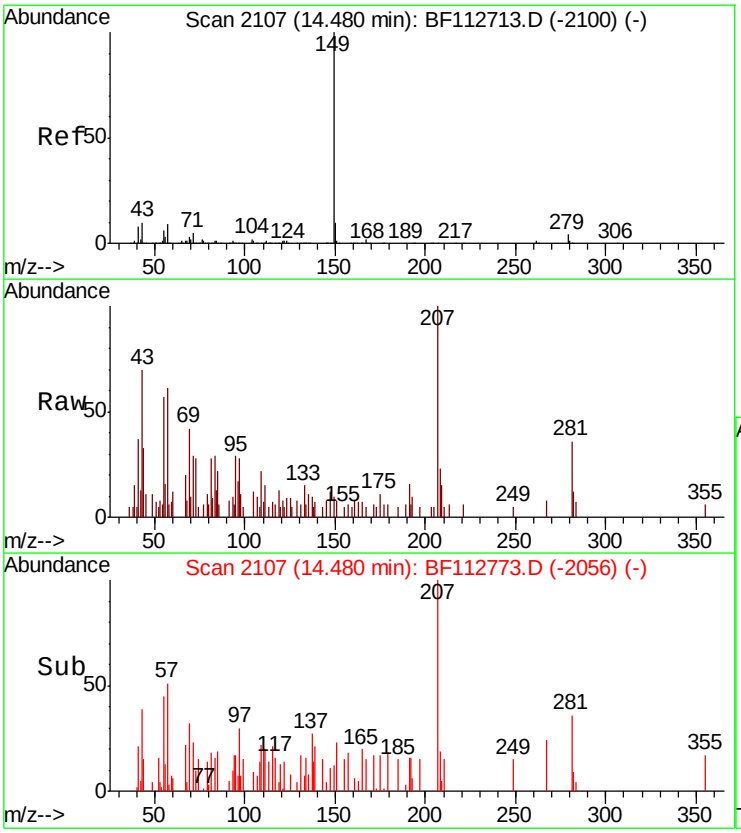
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.201 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:149 Resp: 3723

Ion	Ratio	Lower	Upper
149	100		
167	38.5	22.4	33.6#
279	0.0	3.3	4.9#

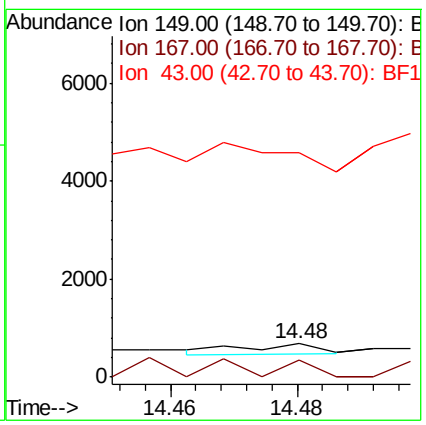


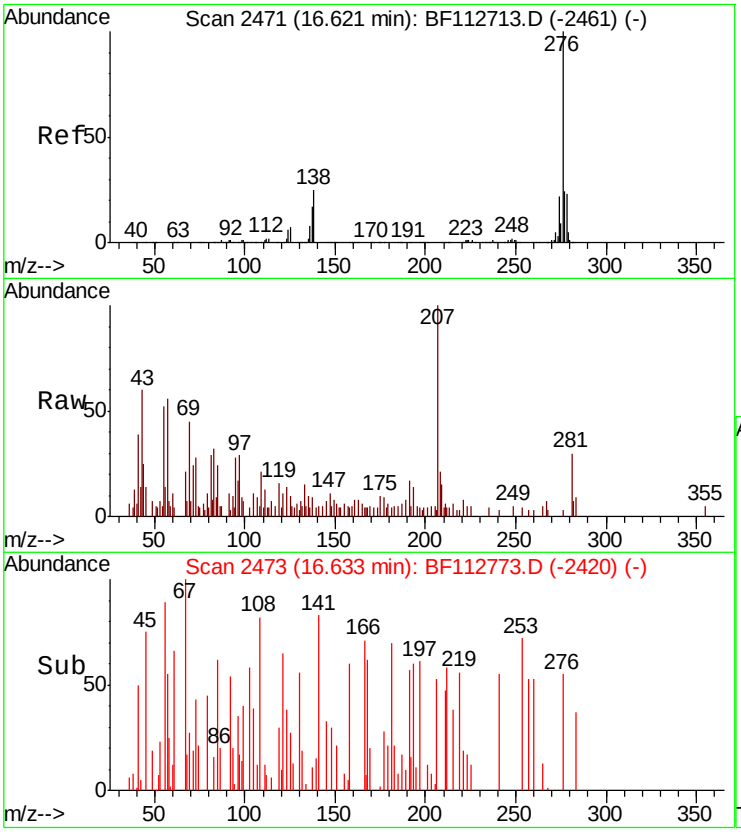


#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:149 Resp: 179

Ion	Ratio	Lower	Upper
149	100		
167	62.0	1.2	1.8#
43	598.3	9.0	13.4#



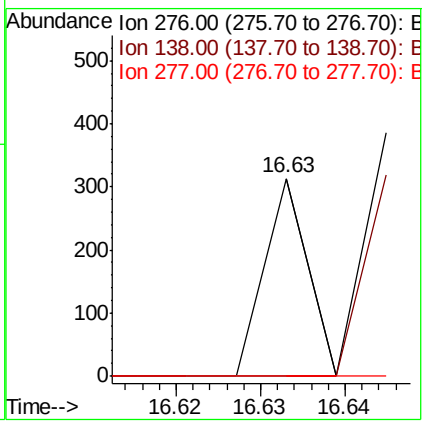


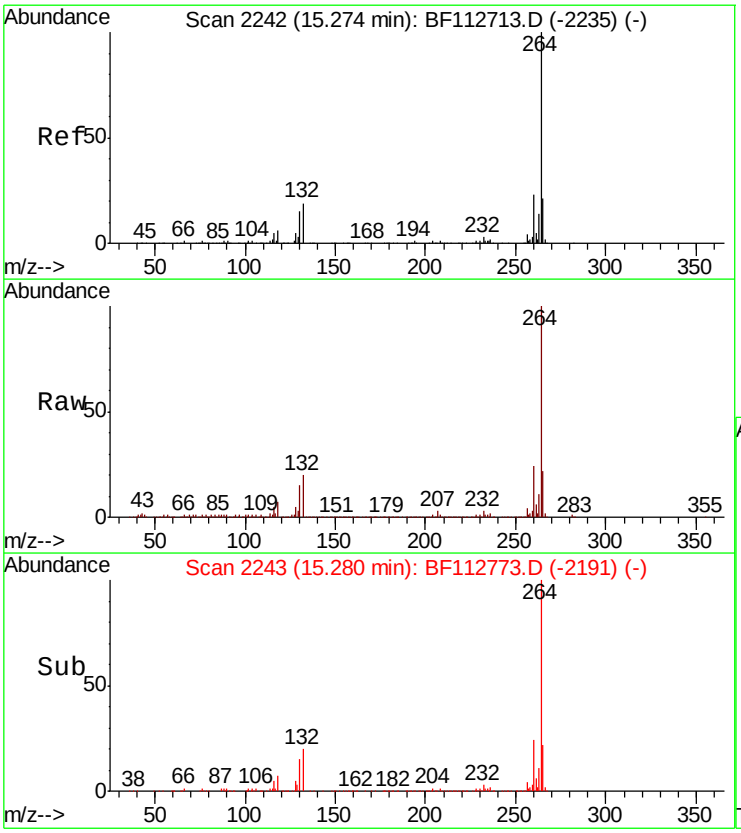
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:276 Resp: 110

Ion	Ratio	Lower	Upper
276	100		
138	102.7	23.2	34.8#
277	0.0	19.9	29.9#

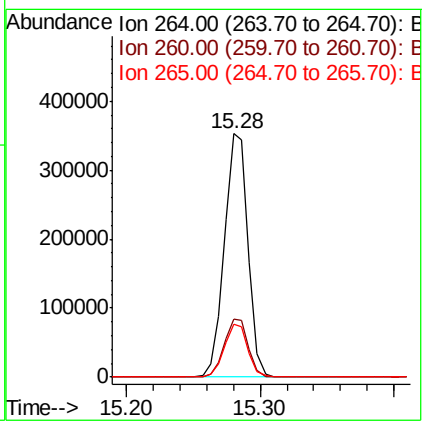


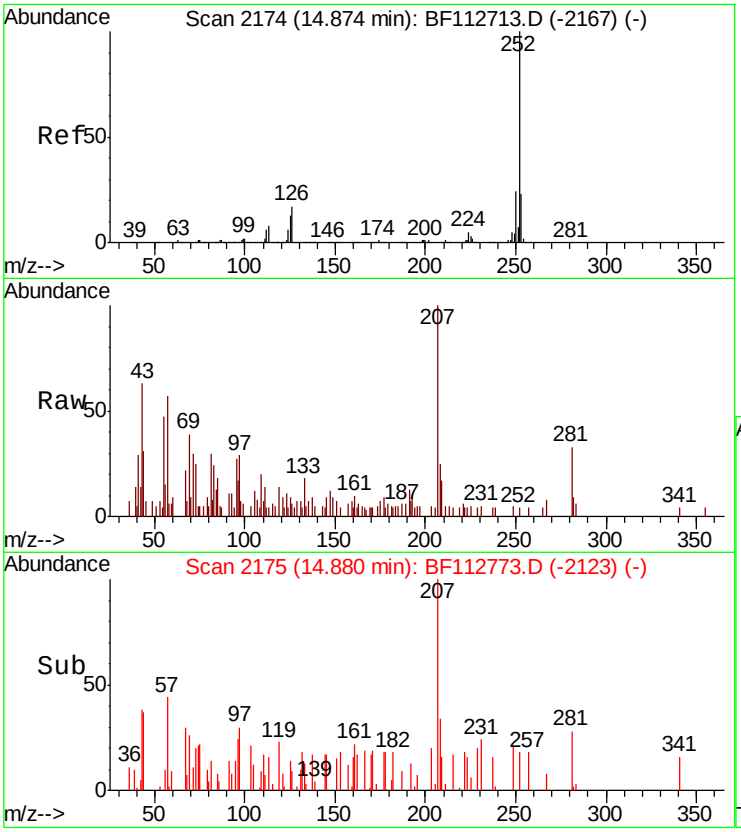


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:264 Resp: 439573

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.2	25.8



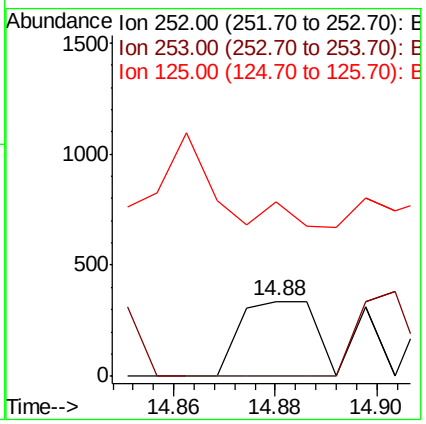


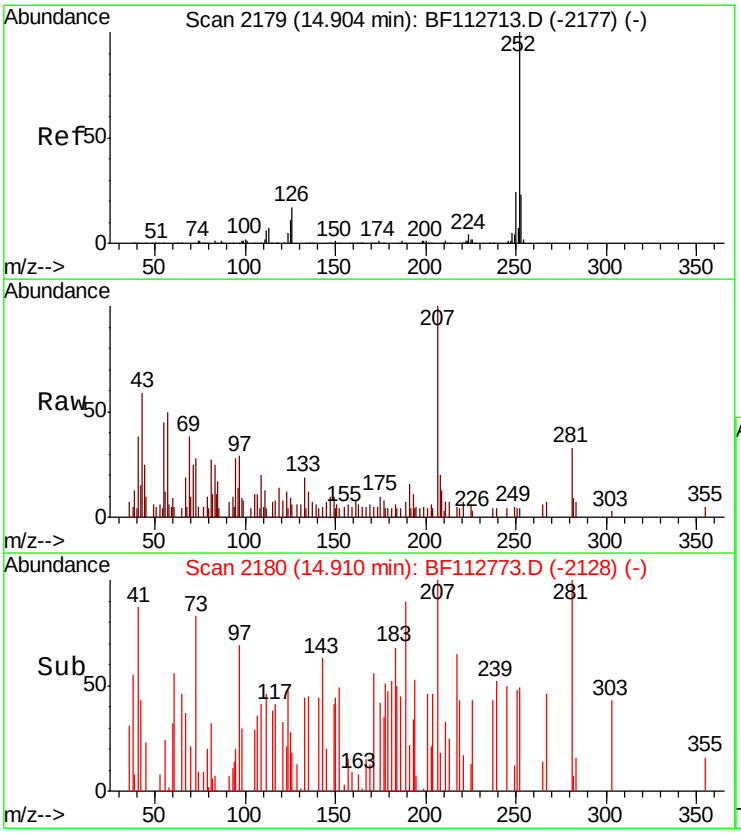
#88
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:252 Resp: 344

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	232.8	10.2	15.2#

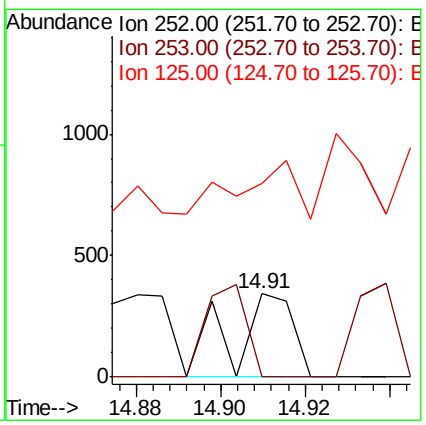


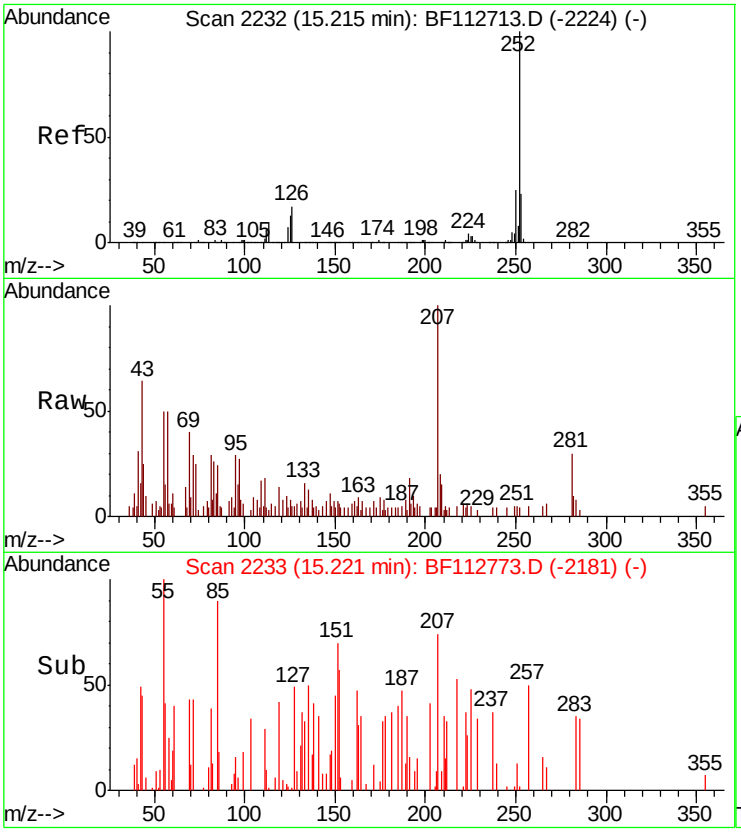


#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:252 Resp: 341

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	233.3	9.8	14.6#



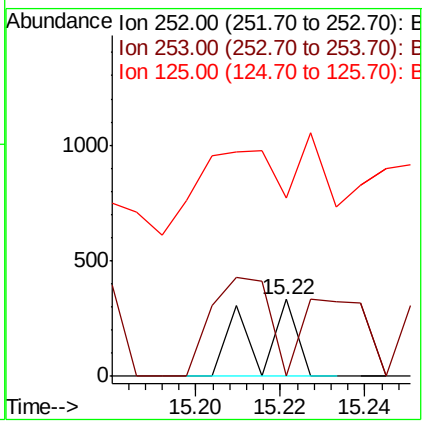


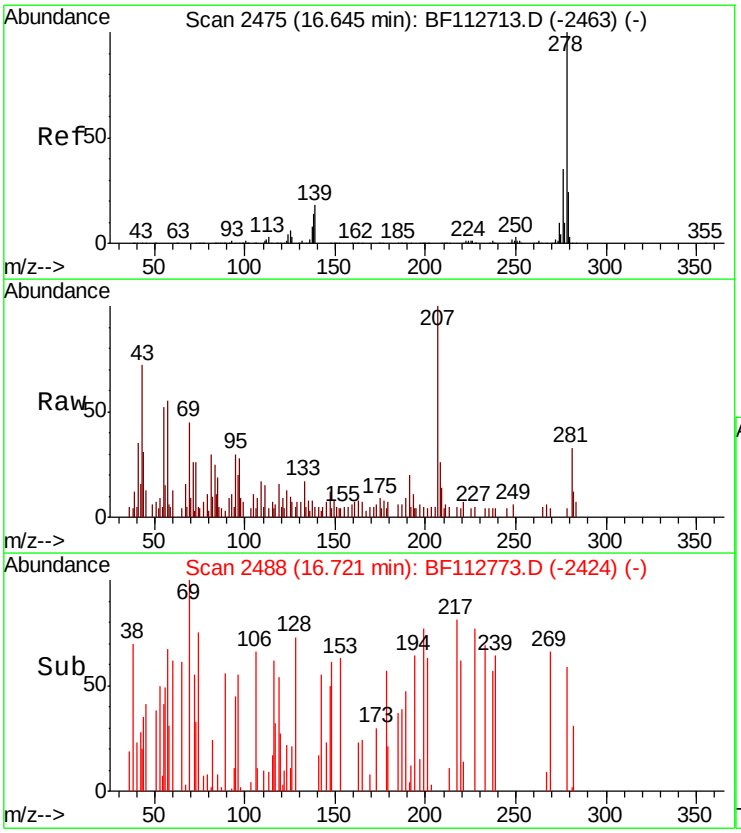
#90
Benzo(a)pyrene
Concen: 0.009 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:252 Resp: 226

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	232.8	10.7	16.1#

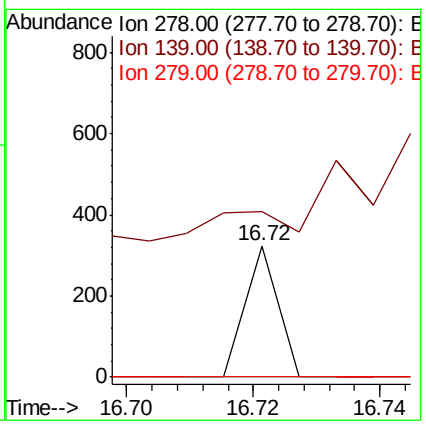


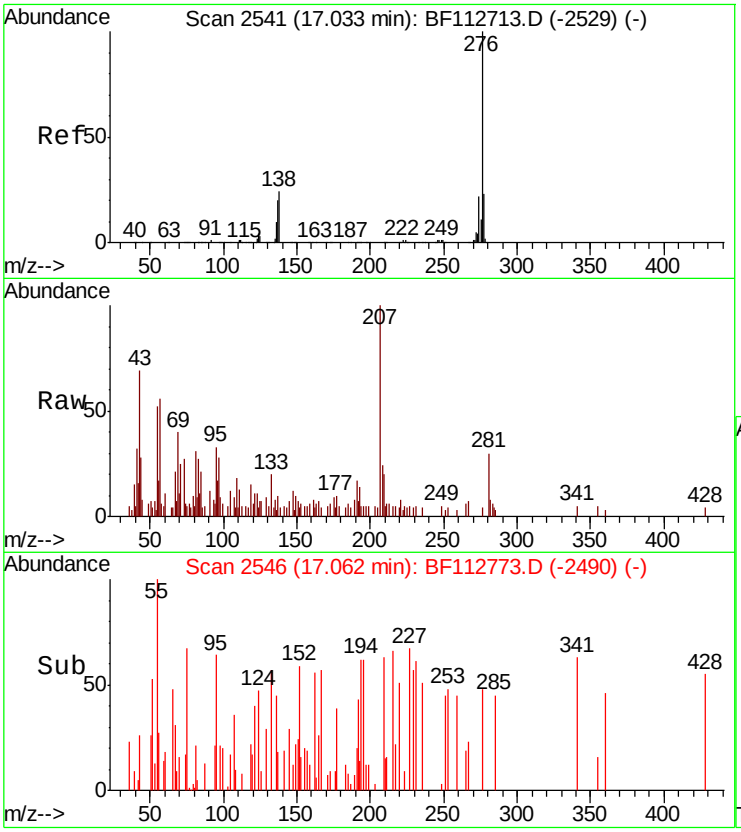


#91
Dibenzo(a,h)anthracene
Concen: 0.005 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.08 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Tgt Ion:278 Resp: 114

Ion	Ratio	Lower	Upper
278	100		
139	126.3	14.3	21.5#
279	0.0	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 0.006 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112773.D
Acq: 28 Feb 2019 20:51

Instrument :
BNA_F
ClientSampleId :
B-6(9-10)

Tgt Ion:276 Resp: 119

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	0.0	19.4	29.0#