Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112753.D
Acq On : 28 Feb 2019 11:05
Operator : JU/SJ
Sample : K1613-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1

Quant Time: Mar 01 04:42:31 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	216649	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	799591	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	336375	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	553012	20.00	ng		0.00
76) Chrysene-d12	13.87	240	437506	20.00	ng		0.00
87) Perylene-d12	15.29	264	548054	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1192041	85.59	ng		0.01
7) Phenol-d6	6.37	99	1528267	87.35	ng		0.00
23) Nitrobenzene-d5	7.30	82	921173	68.94	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	318872	89.29	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1383423	67.93	ng		0.00
79) Terphenyl-d14	12.83	244	1058324	46.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	293	0.042	ng	#	47
3) Pyridine	3.39	79	232	0.012	ng	#	1
4) n-Nitrosodimethylamine	3.12	42	847	0.104	ng	#	1
6) Aniline	6.39	93	1172	0.049	ng	#	1
8) 2-Chlorophenol	6.53	128	492	0.032	ng	#	1
9) Benzaldehyde	6.29	77	899	0.071	ng	#	77
10) Phenol	6.39	94	55320	2.710	ng		93
11) bis(2-Chloroethyl)ether	6.51	93	2131	0.136	ng	#	1
15) Benzyl Alcohol	6.90	79	16008	1.200	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.03	45	354	0.014	ng		71
17) 2-Methylphenol	6.90	107	119	0.009	ng	#	1
18) Hexachloroethane	7.00	117	114	0.019	ng	#	4
19) n-Nitroso-di-n-propylamine	7.30	70	123072	11.107	ng	#	77
20) 3+4-Methylphenols	7.15	107	636	0.045	ng	#	87
22) Acetophenone	7.14	105	772	0.041	ng	#	62
24) Nitrobenzene	7.30	77	3153	0.212	ng	#	36
25) Isophorone	7.30	82	913628	31.737	ng	#	66
26) 2-Nitrophenol	7.56	139	399	0.064	ng	#	38
27) 2,4-Dimethylphenol	7.68	122	129	0.011	ng	#	64
28) bis(2-Chloroethoxy)methane	7.68	93	107	0.006	ng	#	49
31) Naphthalene	8.05	128	2807	0.071	ng	#	92
32) Benzoic acid	7.73	122	1325	0.164	ng		90
33) 4-Chloroaniline	8.05	127	293	0.017	ng	#	1
35) Caprolactam	8.43	113	249	0.063	ng	#	1
36) 4-Chloro-3-methylphenol	8.57	107	155	0.013	ng	#	20
37) 2-Methylnaphthalene	8.83	142	560	0.022	ng		93
38) 1-Methylnaphthalene	8.83	142	560	0.023	ng	#	98
46) 1,1'-Biphenyl	9.20	154	3034	0.111	ng		87
47) 2-Chloronaphthalene	9.49	162	586	0.027	ng	#	1
48) 2-Nitroaniline	9.30	65	267	0.041	ng	#	4
49) Acenaphthylene	9.63	152	9763	0.268	ng		98
50) Dimethylphthalate	9.49	163	96526	3.892	ng		99
51) 2,6-Dinitrotoluene	9.77	165	42887	8.304	ng	#	18
52) Acenaphthene	9.80	154	648	0.030	ng	#	75

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L-1

Quant Time: Mar 01 04:42:31 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)
53) 3-Nitroaniline	9.82	138	106	0.017	ng	#	3
55) Dibenzofuran	9.97	168	1212	0.039	ng	#	85
56) 4-Nitrophenol	9.87	139	403	0.079	ng	#	9
57) 2,4-Dinitrotoluene	10.05	165	1402	0.218	ng	#	47
58) Fluorene	10.32	166	1102	0.050	ng	#	42
60) Diethylphthalate	10.19	149	2285	0.087	ng	#	74
62) 4-Nitroaniline	10.25	138	123	0.021	ng	#	55
63) Azobenzene	10.47	77	716	0.027	ng	#	4
65) 4,6-Dinitro-2-methylphenol	10.55	198	555	4.834	ng	#	1
66) n-Nitrosodiphenylamine	10.43	169	993	0.056	ng	#	71
67) 4-Bromophenyl-phenylether	10.56	248	17916	3.076	ng	#	1
68) Hexachlorobenzene	10.75	284	129	0.020	ng	#	40
71) Phenanthrene	11.27	178	13042	0.474	ng		97
72) Anthracene	11.27	178	13042	0.453	ng		98
73) Carbazole	11.47	167	3740	0.133	ng	#	81
74) Di-n-butylphthalate	11.82	149	24997	0.742	ng		98
75) Fluoranthene	12.45	202	92741	3.146	ng		97
77) Benzidine	12.59	184	1273	0.056	ng	#	1
78) Pyrene	12.68	202	100507	2.725	ng		97
80) Butylbenzylphthalate	13.30	149	95196	5.847	ng		98
81) Benzo(a)anthracene	13.86	228	65438	2.158	ng		96
82) 3,3'-Dichlorobenzidine	13.83	252	261	0.023	ng	#	1
83) Chrysene	13.90	228	59684	2.009	ng		97
84) Bis(2-ethylhexyl)phthalate	13.87	149	615808	32.248	ng		100
85) Di-n-octyl phthalate	14.49	149	1187	0.036	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.63	276	69514	2.745	ng	#	93
88) Benzo(b)fluoranthene	14.88	252	156652	4.419	ng		98
89) Benzo(k)fluoranthene	14.88	252	156652	4.879	ng		98
90) Benzo(a)pyrene	15.22	252	87375	2.787	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	17514	0.655	ng	#	83
92) Benzo(g,h,i)perylene	17.04	276	72637	2.704	ng		99

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

Quantitation Report (Not Reviewed)

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Instrument :
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Quant Time: Mar 01 04:42:31 2019
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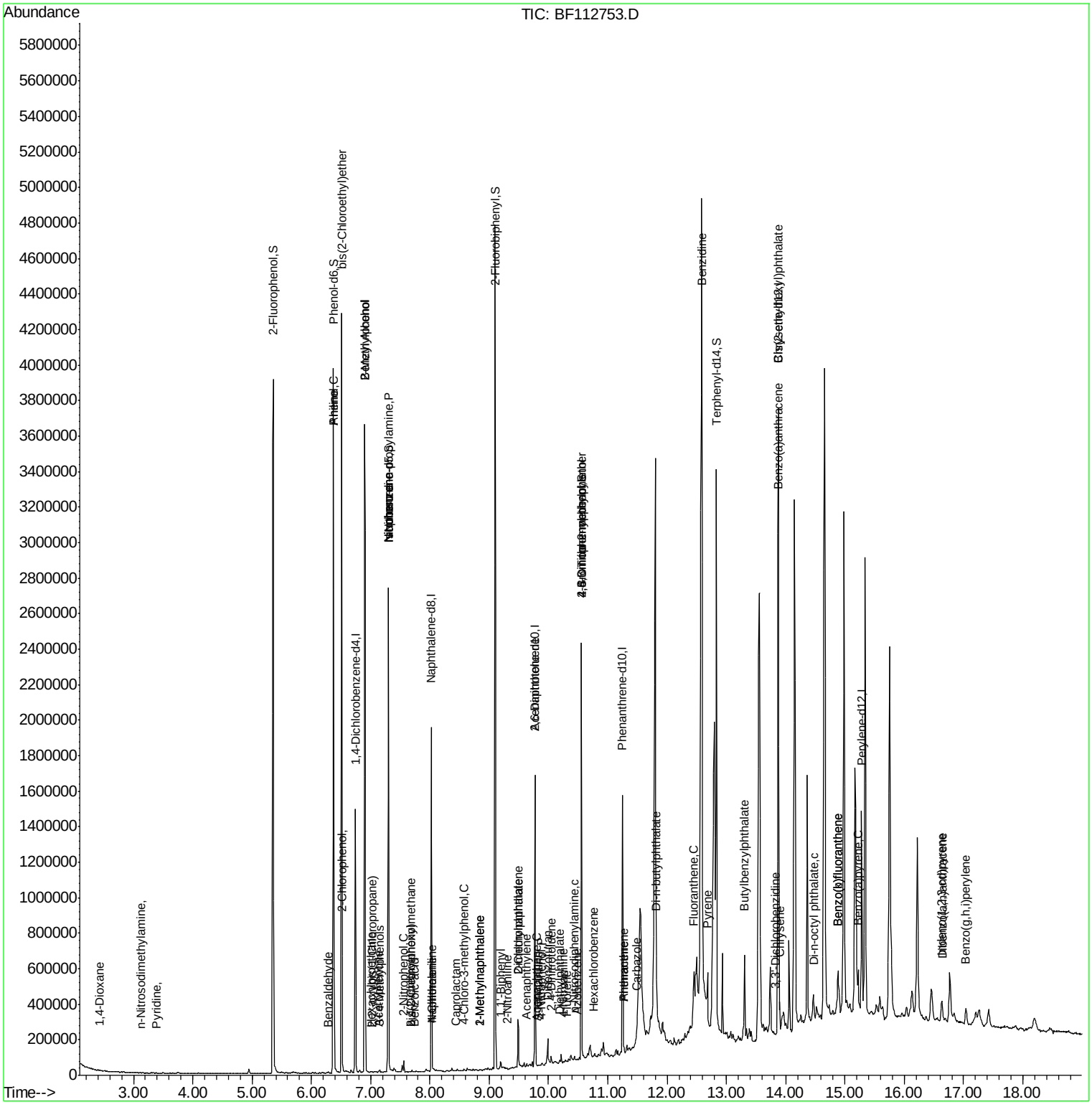
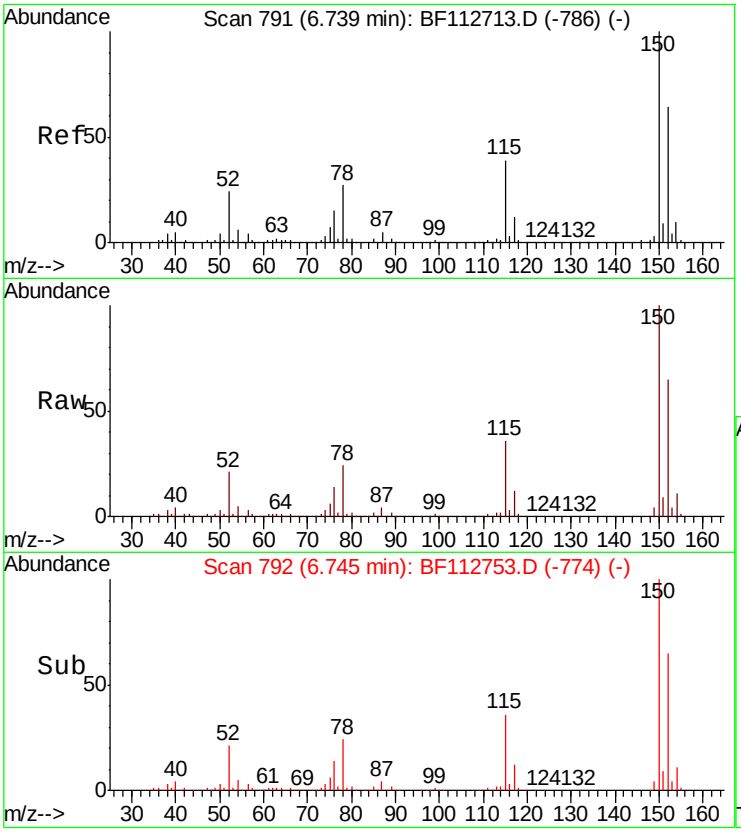


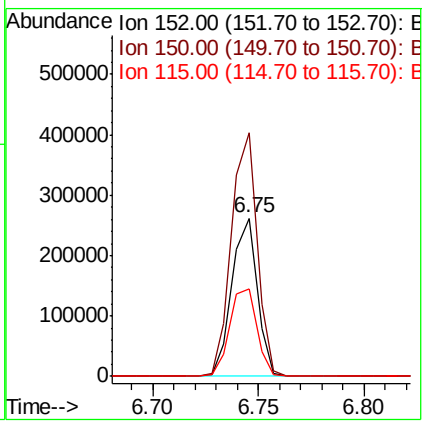


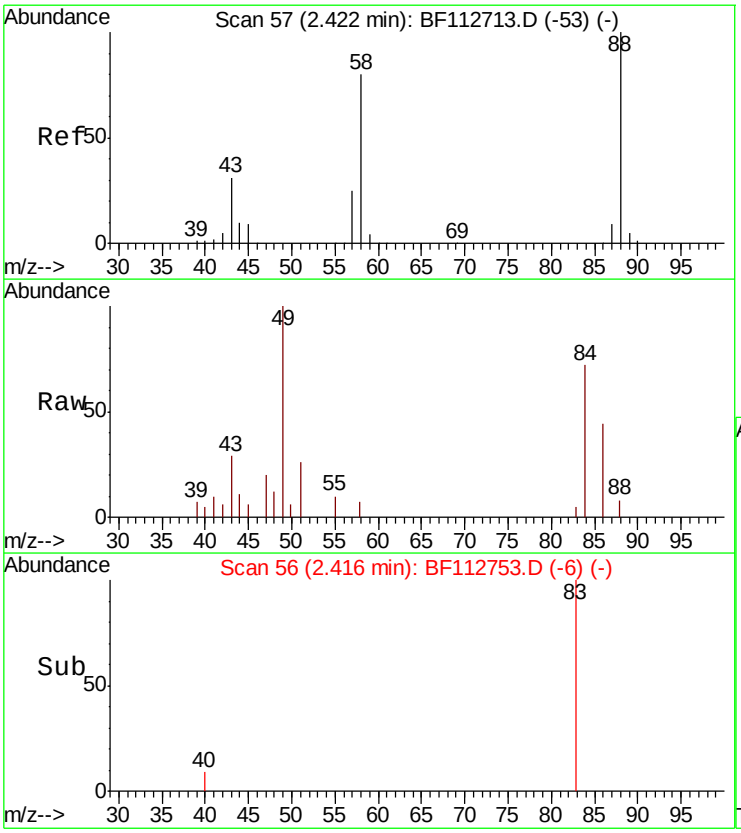
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:152 Resp: 216649

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	55.7	48.2	72.4

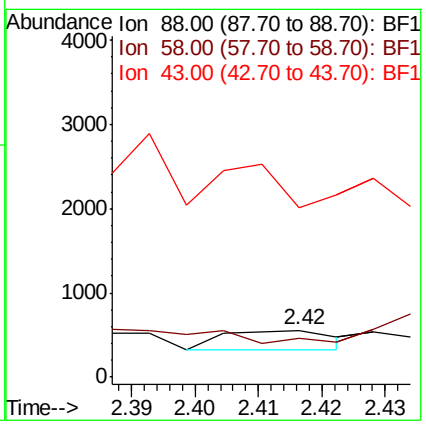


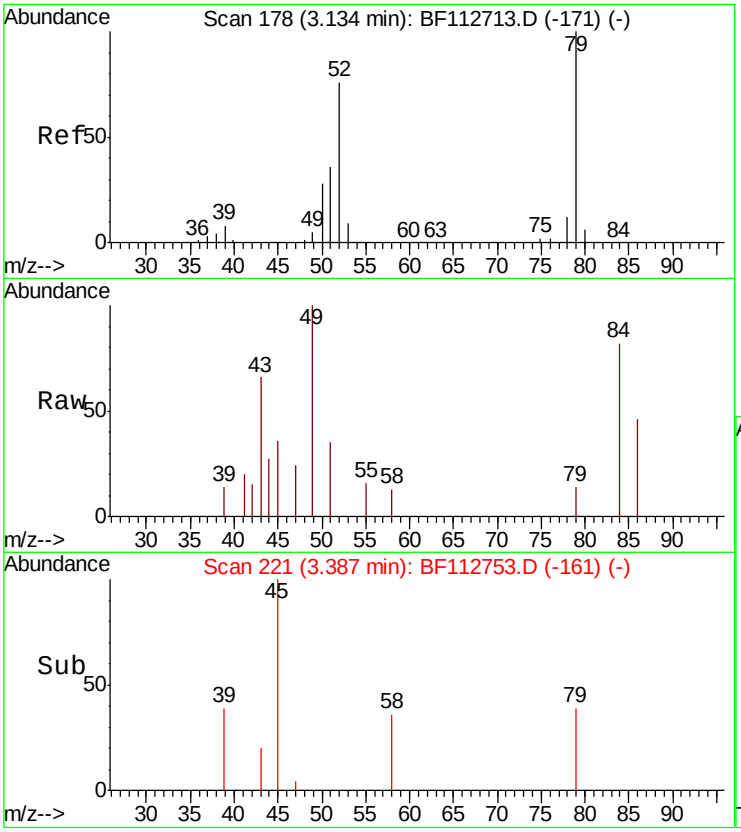


#2
1,4-Dioxane
Concen: 0.042 ng
RT: 2.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 88 Resp: 293

Ion	Ratio	Lower	Upper
88	100		
58	137.2	63.1	94.7#
43	40.3	24.3	36.5#



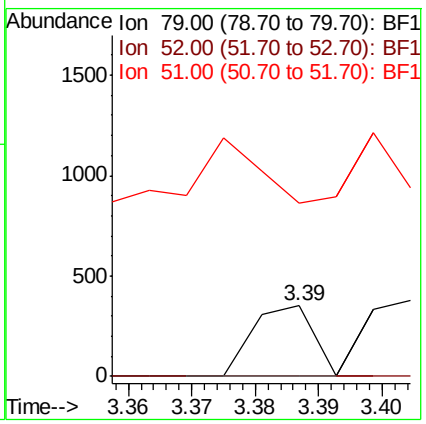


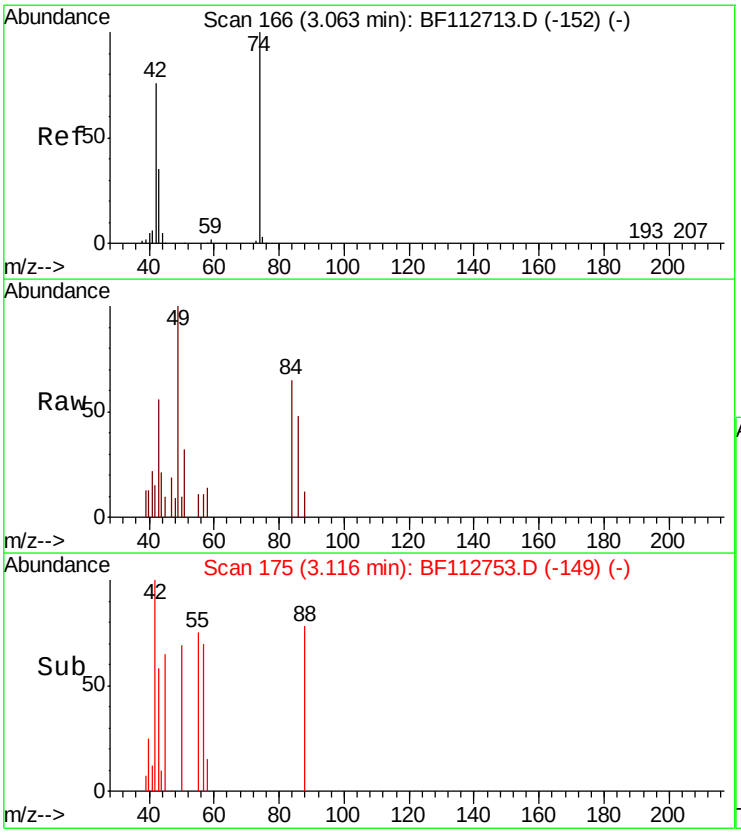
#3
Pyridine
Concen: 0.012 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.25 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 79 Resp: 232

Ion	Ratio	Lower	Upper
79	100		
52	0.0	60.5	90.7#
51	246.6	28.8	43.2#

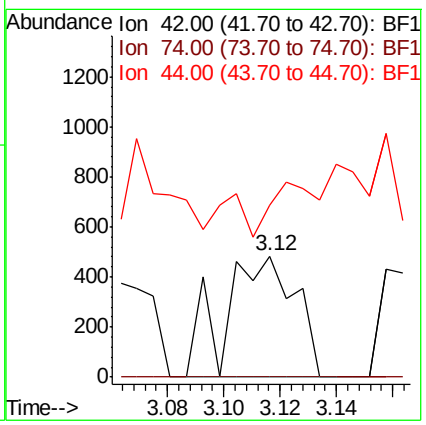


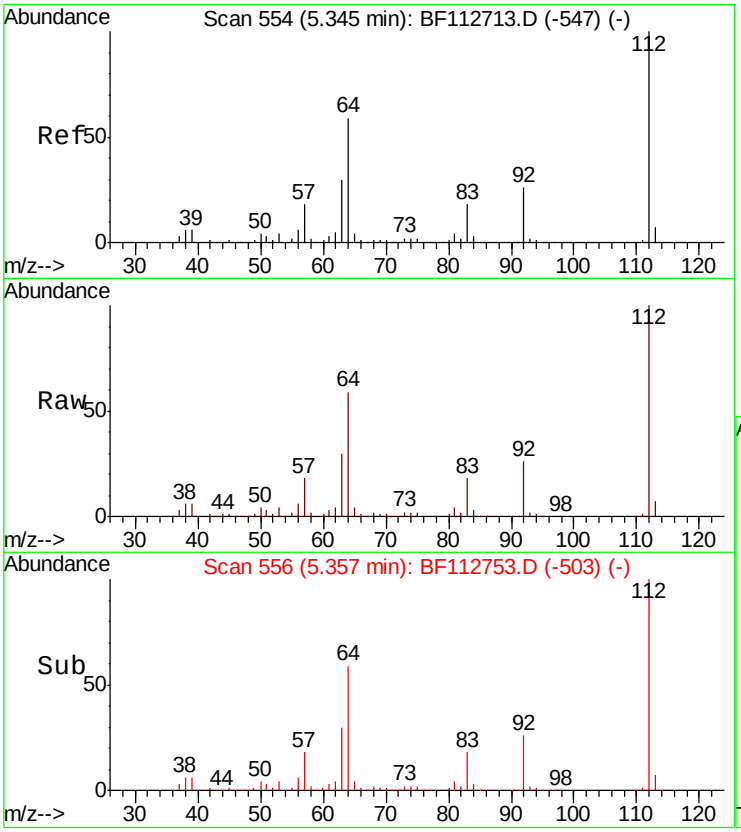


#4
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.05 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 42 Resp: 847

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	142.1	6.2	9.2#



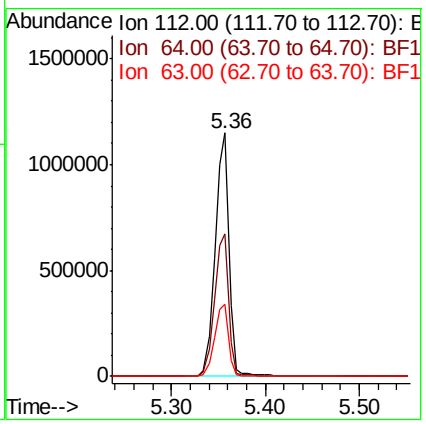


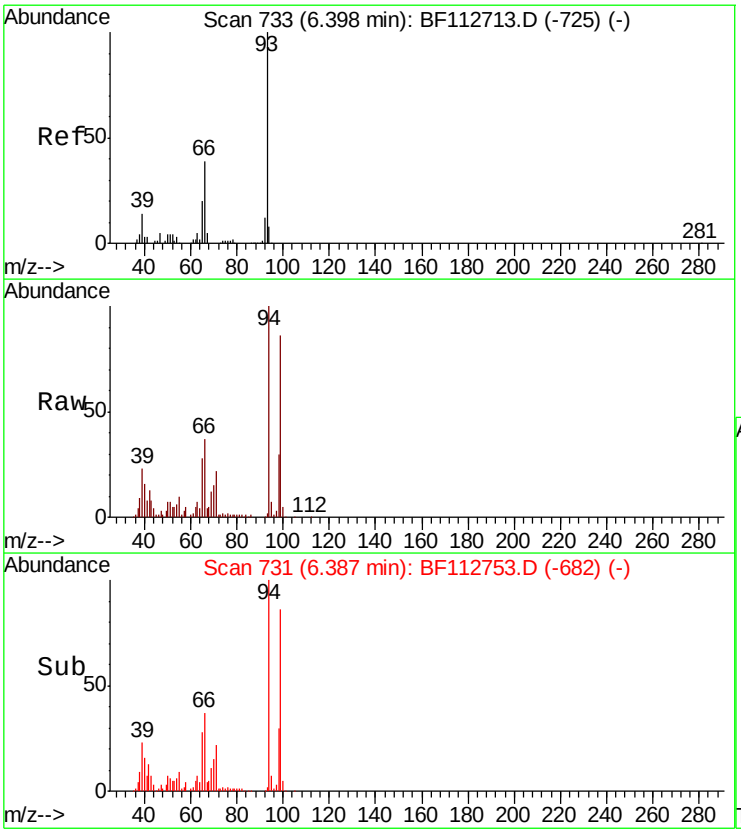
#5
2-Fluorophenol
Concen: 85.589 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:112 Resp: 1192041

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.6	71.4
63	29.8	24.4	36.6

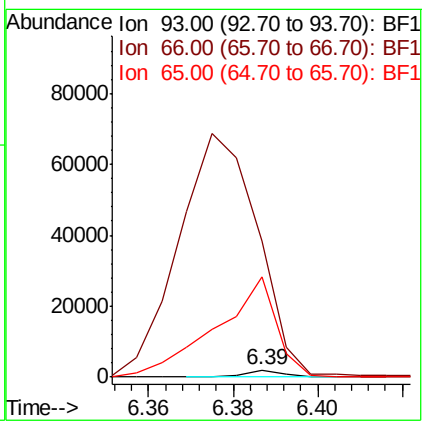


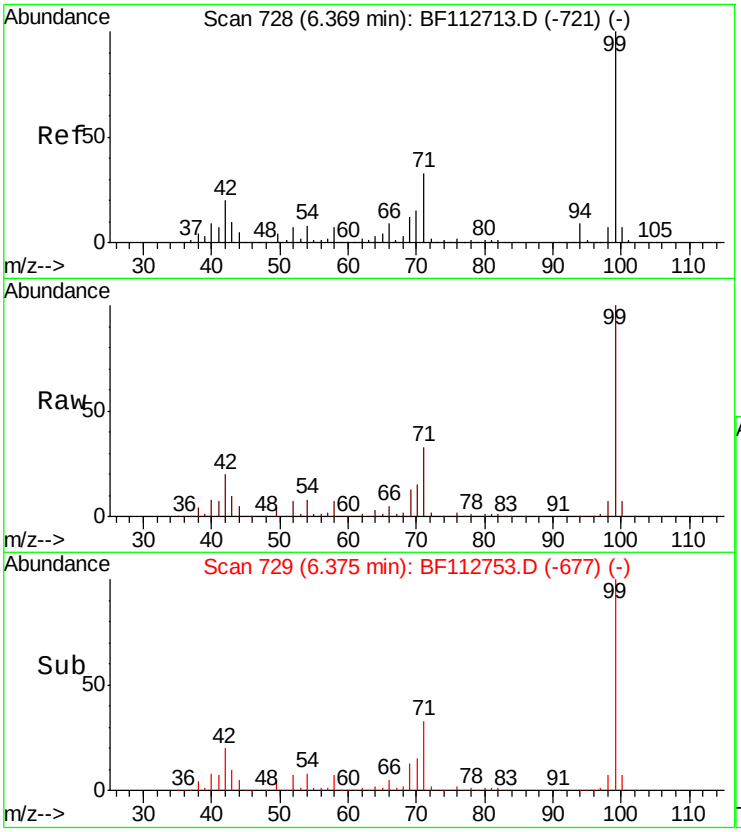


#6
Aniline
Concen: 0.049 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 93 Resp: 1172

Ion	Ratio	Lower	Upper
93	100		
66	1886.5	32.2	48.2#
65	1397.7	16.2	24.4#



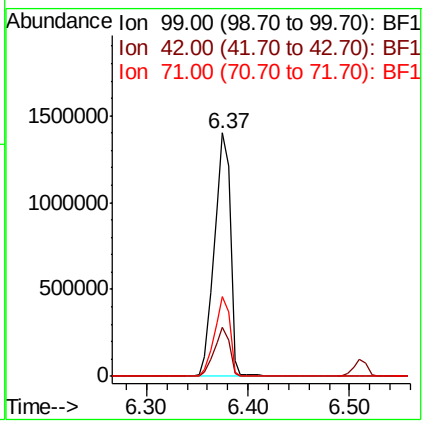


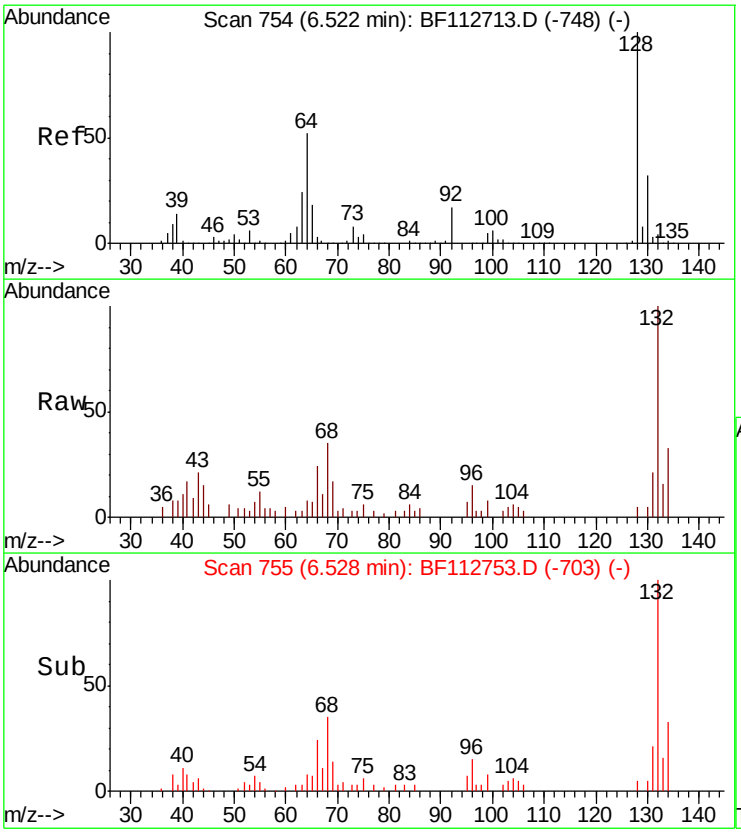
#7
Phenol-d6
Concen: 87.353 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 99 Resp: 1528267

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	32.8	26.2	39.4

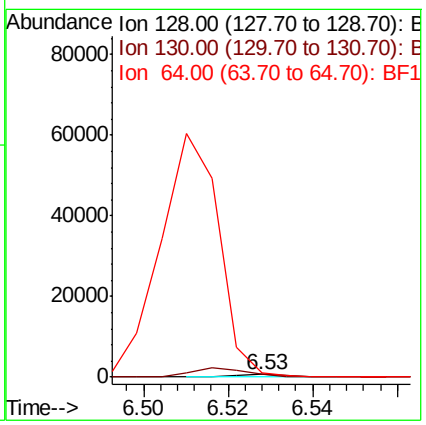


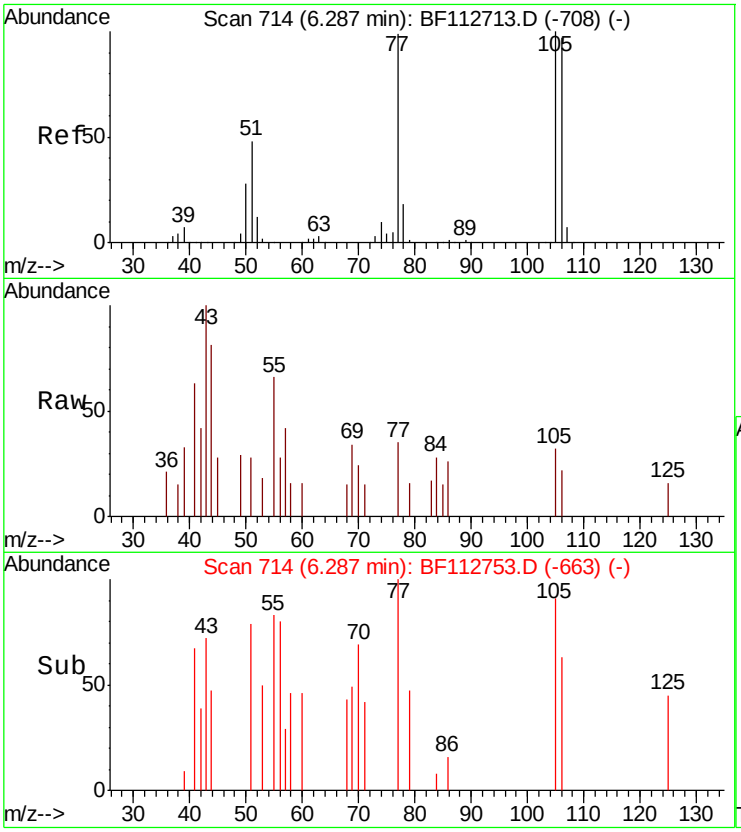


#8
2-Chlorophenol
Concen: 0.032 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:128 Resp: 492

Ion	Ratio	Lower	Upper
128	100		
130	103.1	12.4	52.4#
64	164.0	32.2	72.2#



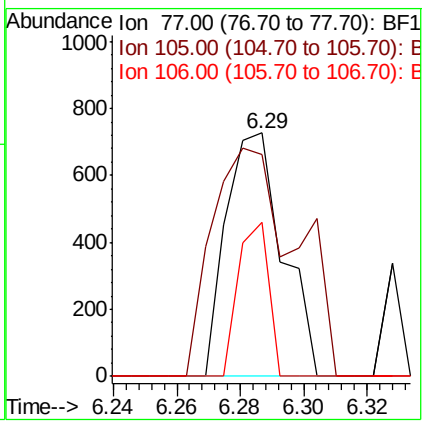


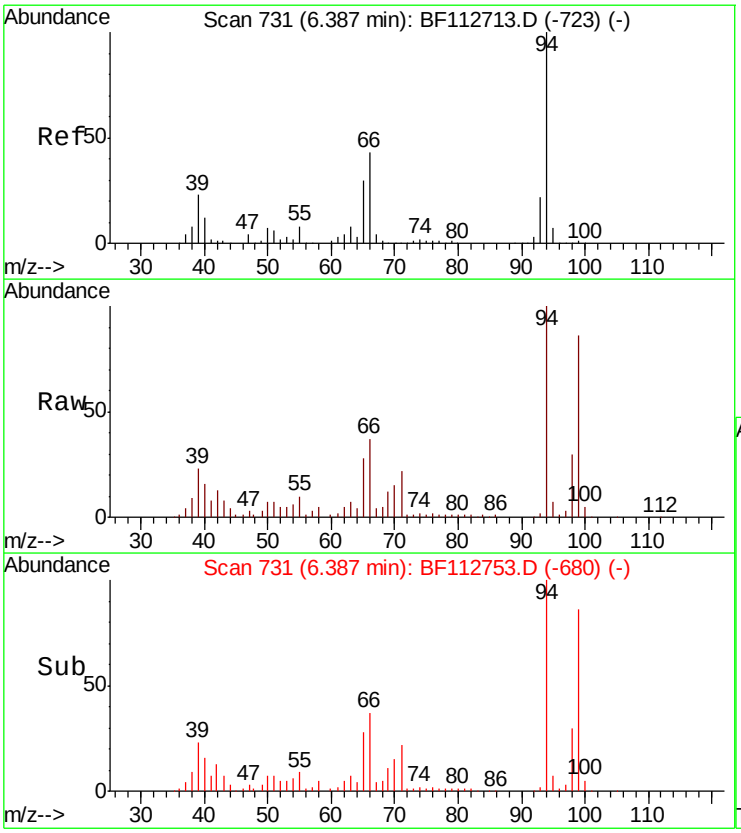
#9
Benzaldehyde
Concen: 0.071 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 77 Resp: 899

Ion	Ratio	Lower	Upper
77	100		
105	91.1	81.4	121.4
106	63.4	78.3	118.3#

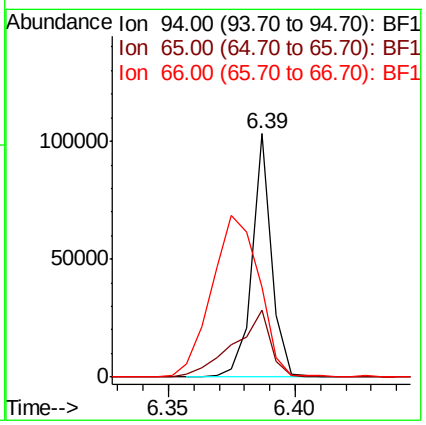


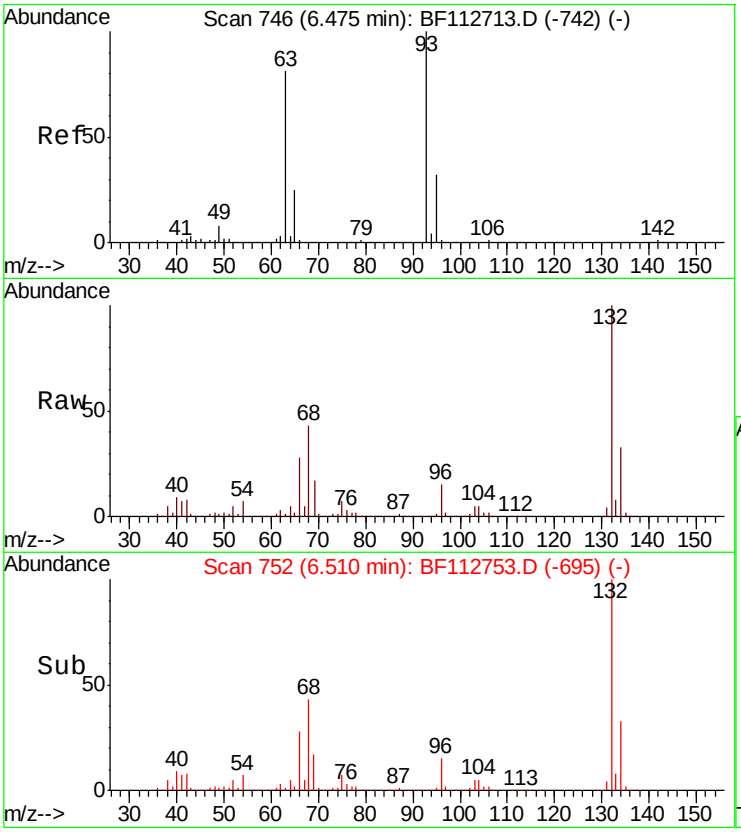


#10
Phenol
Concen: 2.710 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 94 Resp: 55320

Ion	Ratio	Lower	Upper
94	100		
65	27.5	10.5	50.5
66	37.1	22.6	62.6



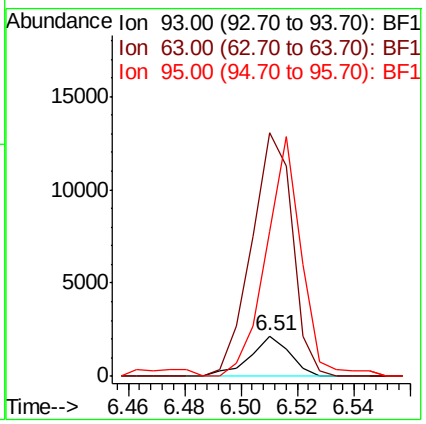


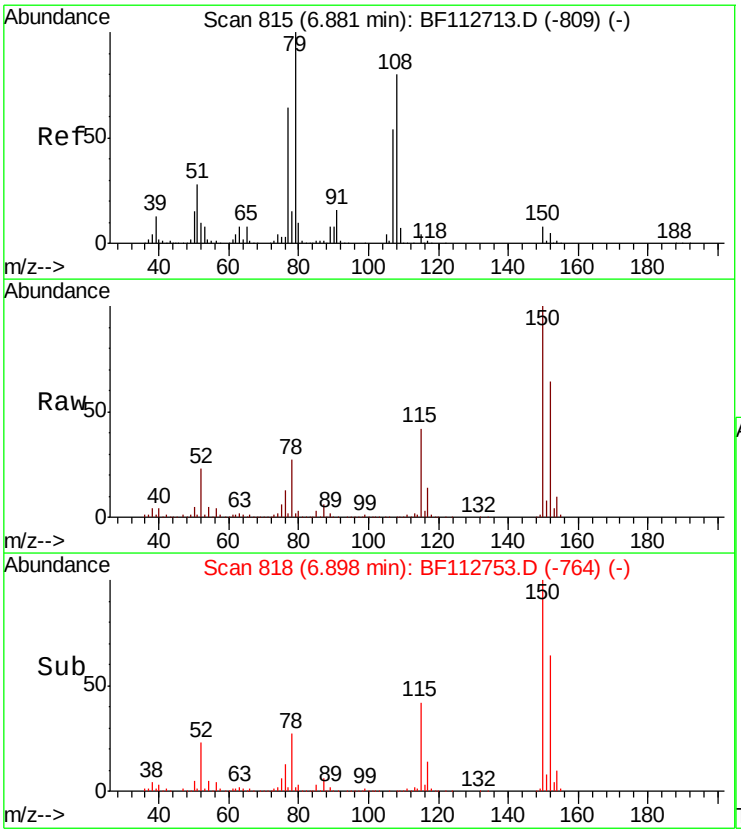
#11
bis(2-Chloroethyl)ether
Concen: 0.136 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 93 Resp: 2131

Ion	Ratio	Lower	Upper
93	100		
63	604.5	60.5	100.5#
95	359.4	12.1	52.1#

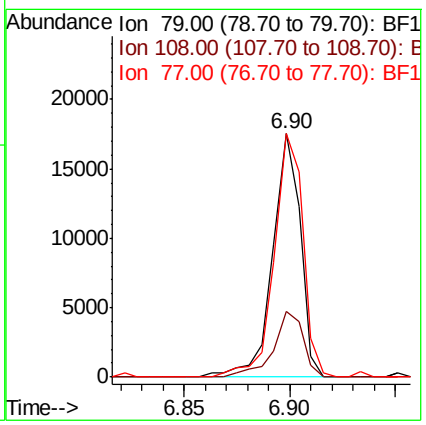


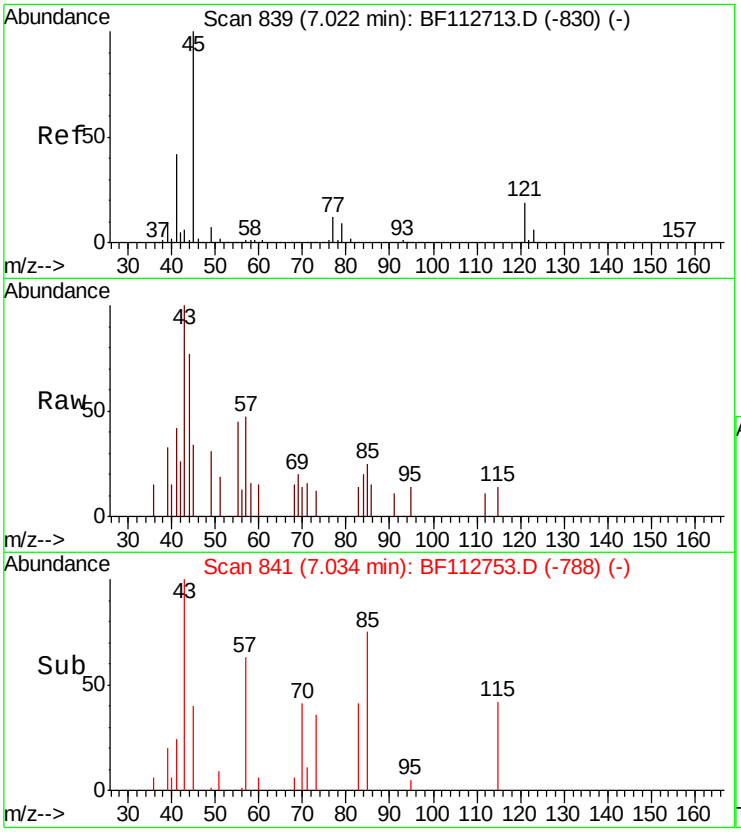


#15
Benzyl Alcohol
Concen: 1.200 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 79 Resp: 16008

Ion	Ratio	Lower	Upper
79	100		
108	26.9	64.2	96.4#
77	100.1	51.1	76.7#



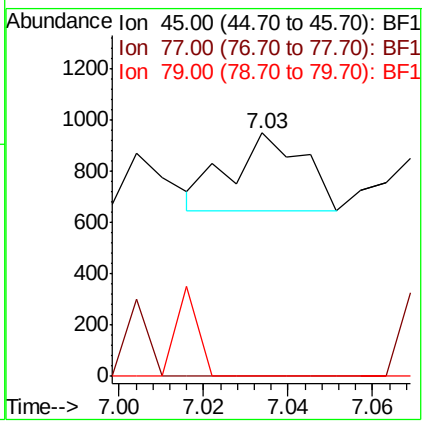


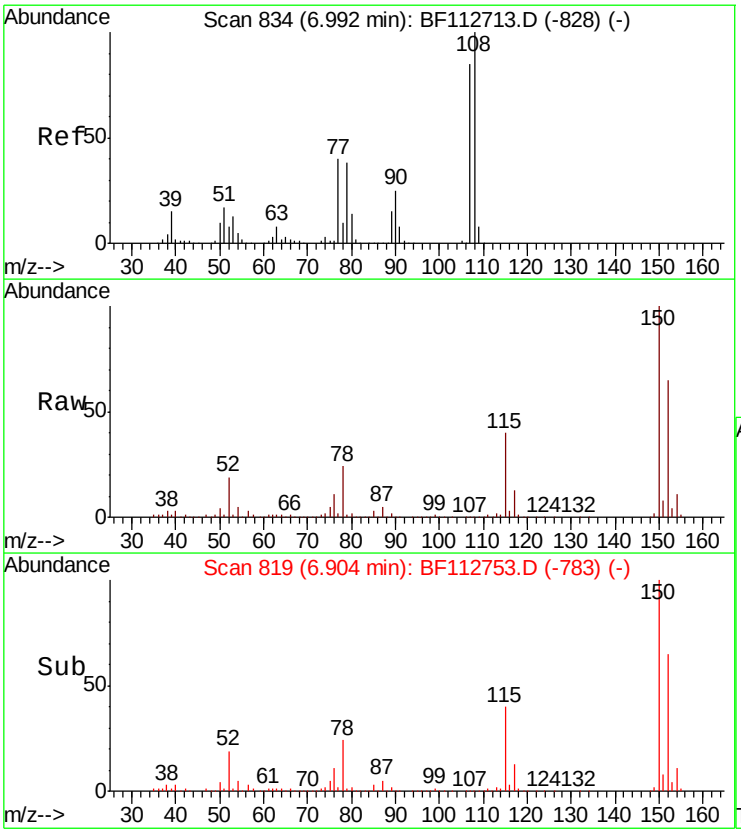
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 45 Resp: 354

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

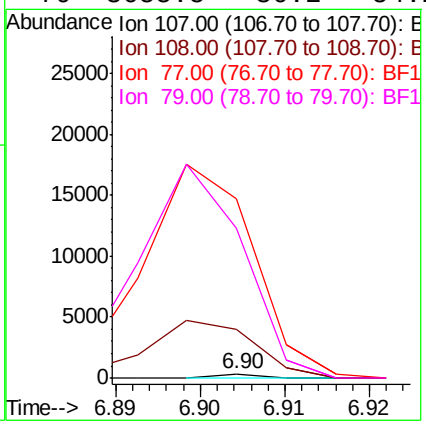


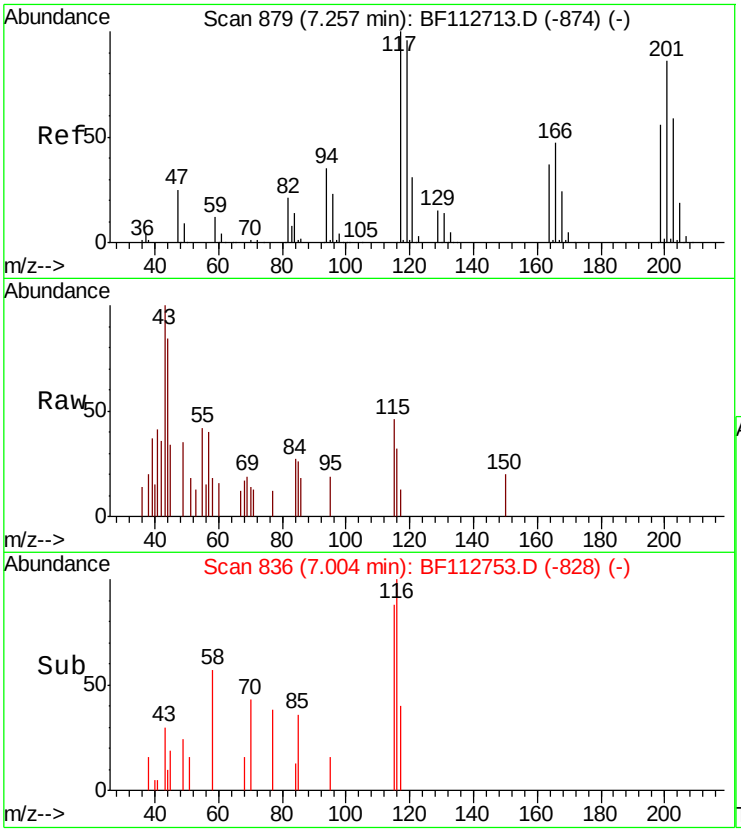


#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.09 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:107 Resp: 119

Ion	Ratio	Lower	Upper
107	100		
108	1178.6	94.6	142.0#
77	4383.7	37.8	56.8#
79	3655.5	36.2	54.2#



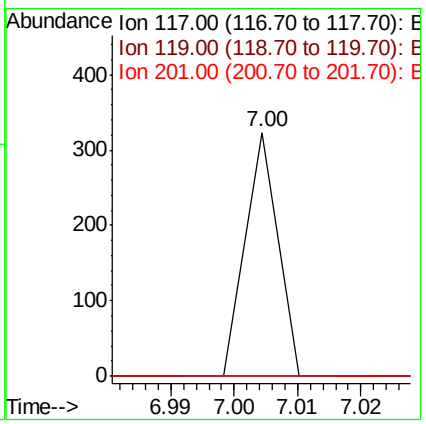


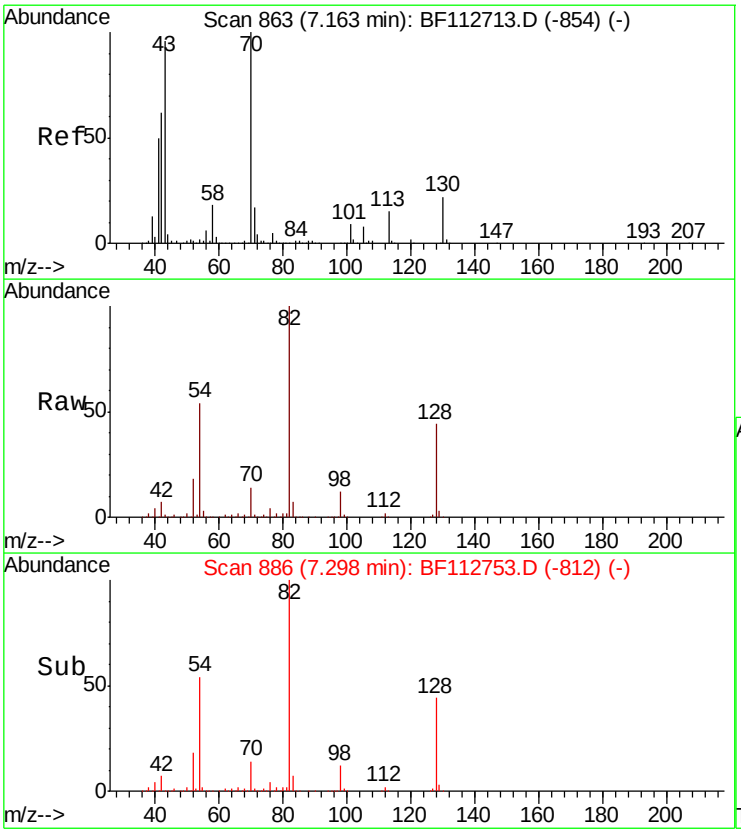
#18
Hexachloroethane
Concen: 0.019 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.25 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:117 Resp: 114

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
201	0.0	68.9	103.3#

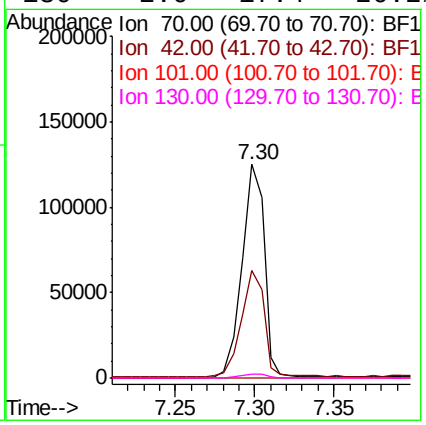


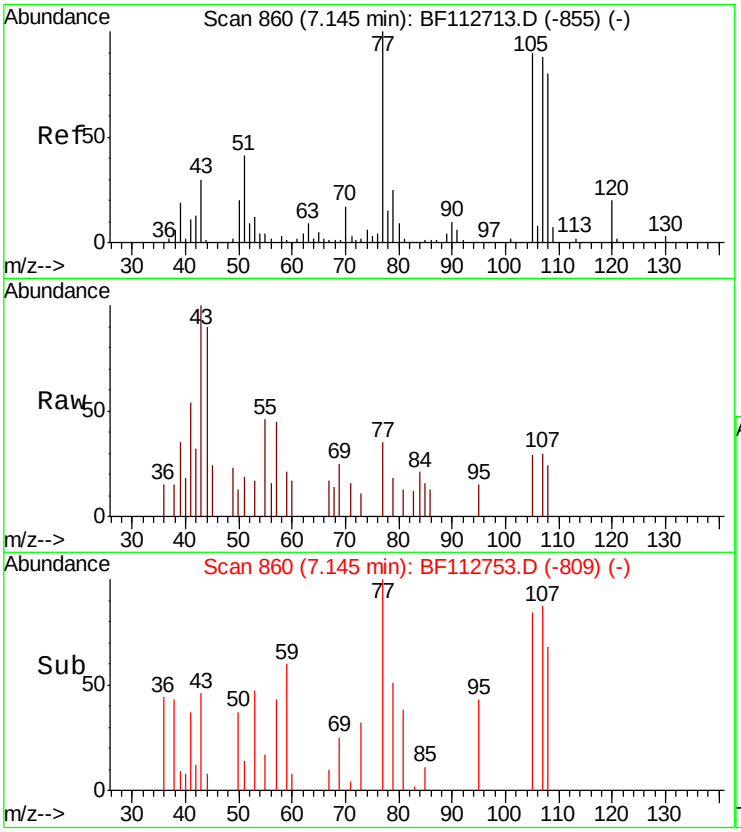


#19
n-Nitroso-di-n-propylamine
Concen: 11.107 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 70 Resp: 123072

Ion	Ratio	Lower	Upper
70	100		
42	50.1	49.9	74.9
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



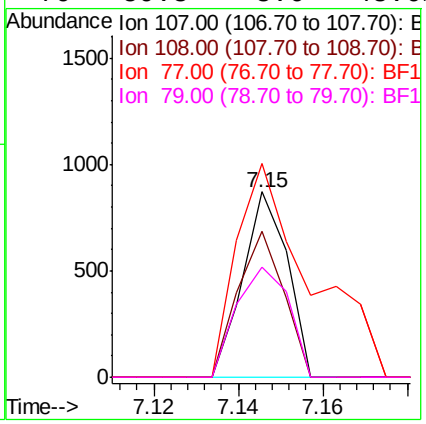


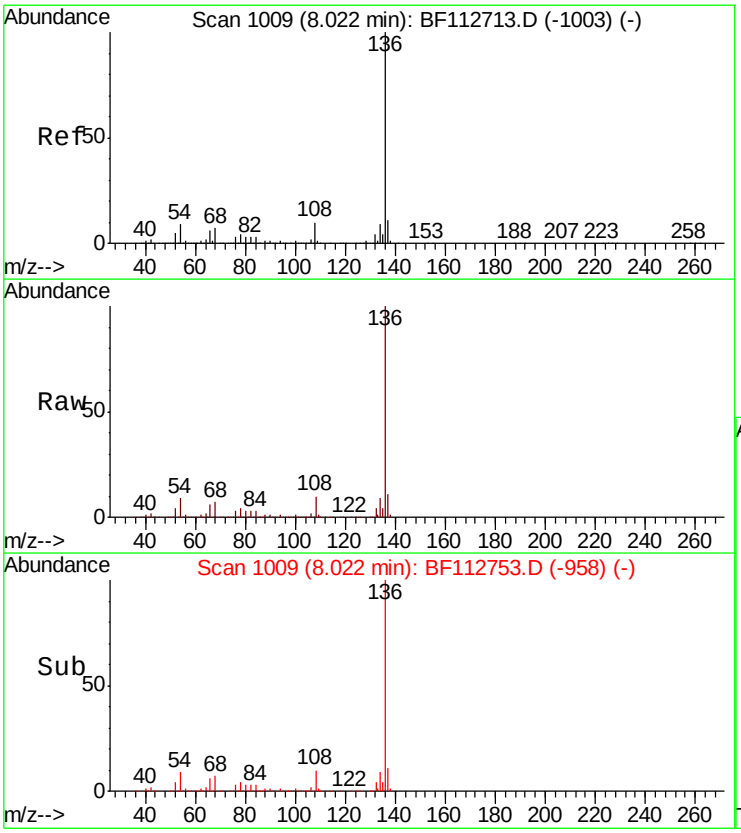
#20
3+4-Methylphenols
Concen: 0.045 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:107 Resp: 636

Ion	Ratio	Lower	Upper
107	100		
108	78.9	71.4	111.4
77	115.4	94.1	134.1
79	59.3	8.6	48.6#

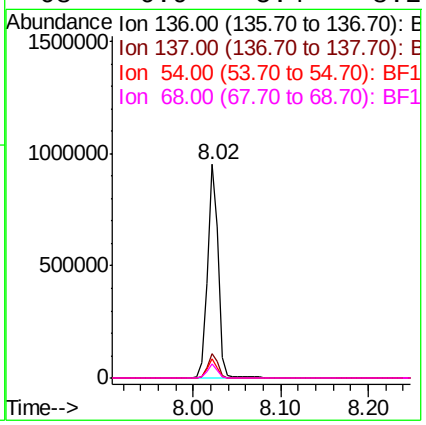


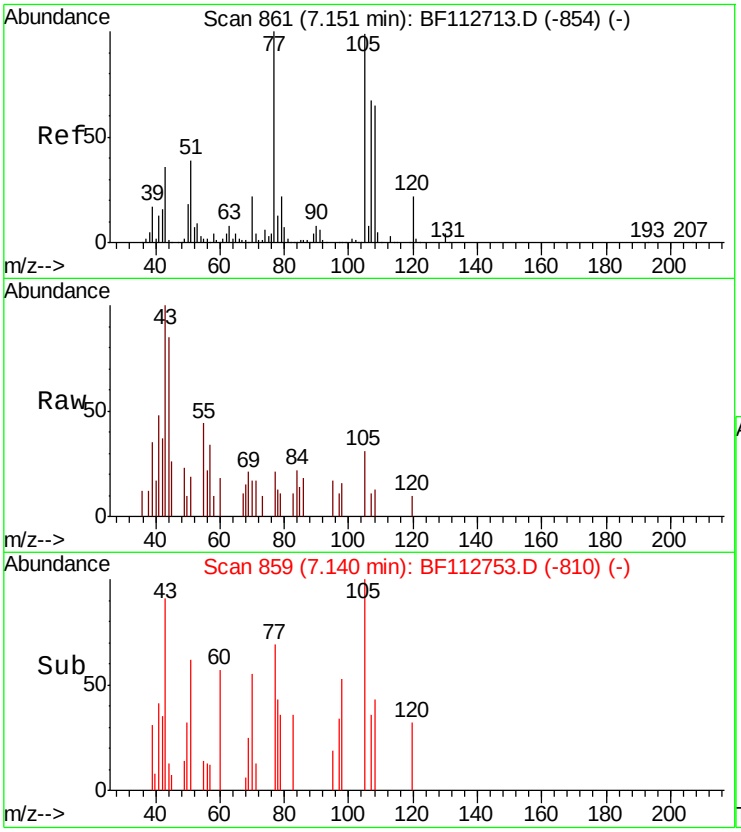


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:136 Resp: 799591

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	7.3	10.9
68	6.9	5.4	8.2



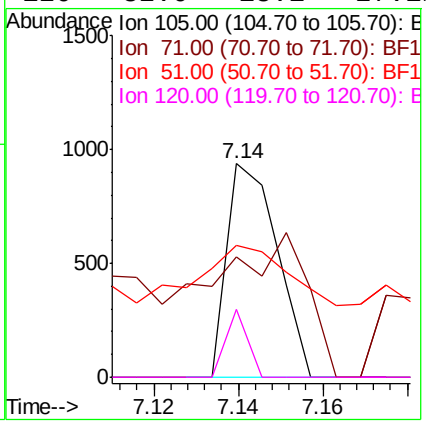


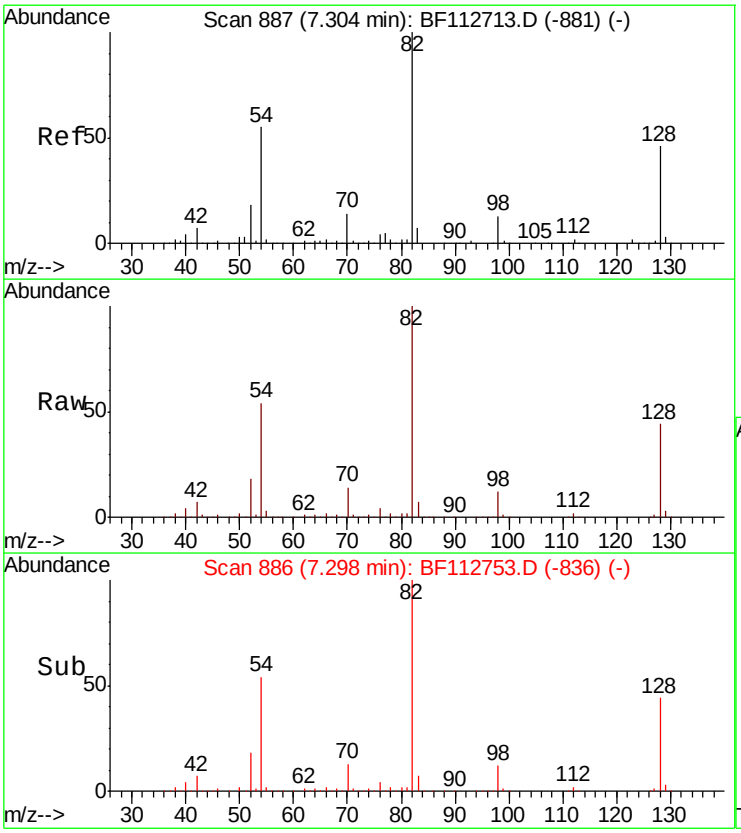
#22
Acetophenone
Concen: 0.041 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:105 Resp: 772

Ion	Ratio	Lower	Upper
105	100		
71	56.2	3.0	4.4#
51	62.0	31.5	47.3#
120	32.0	18.1	27.1#

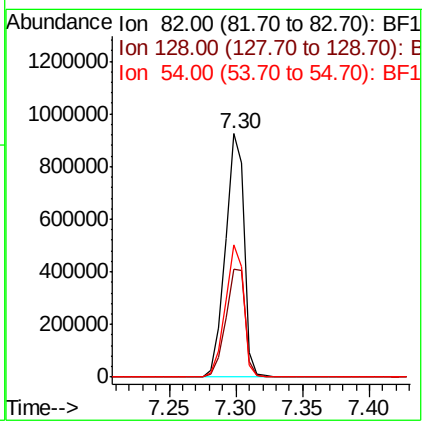


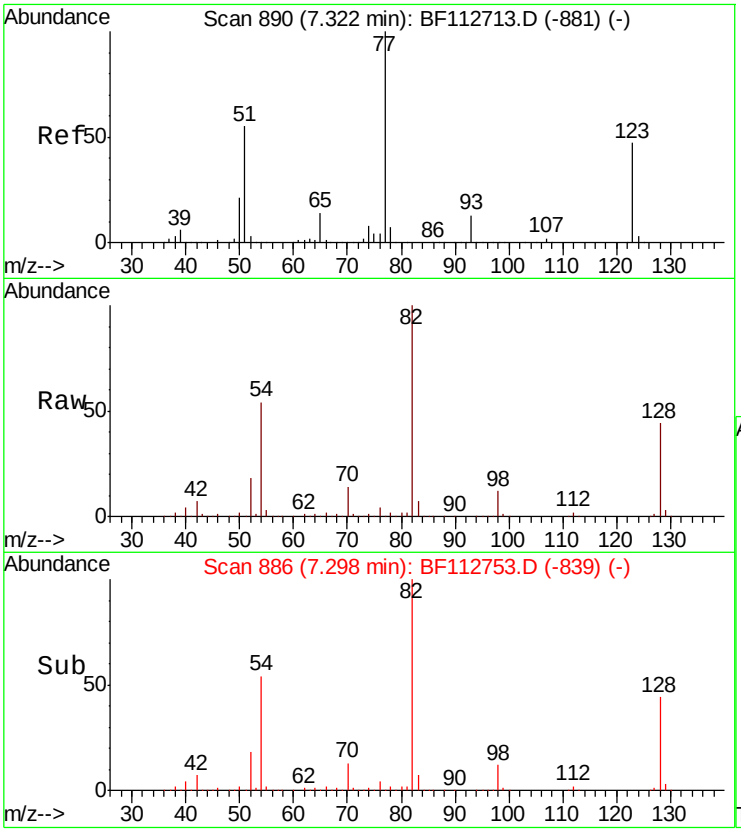


#23
Nitrobenzene-d5
Concen: 68.937 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 82 Resp: 921173

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.3	54.5
54	54.2	43.7	65.5



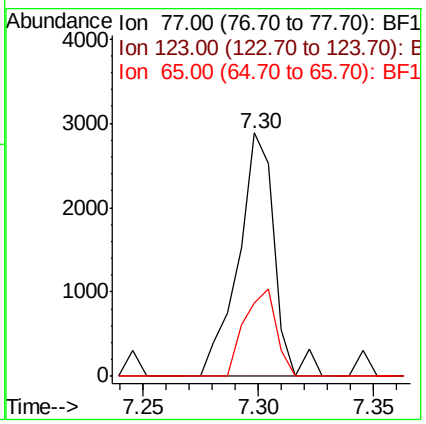


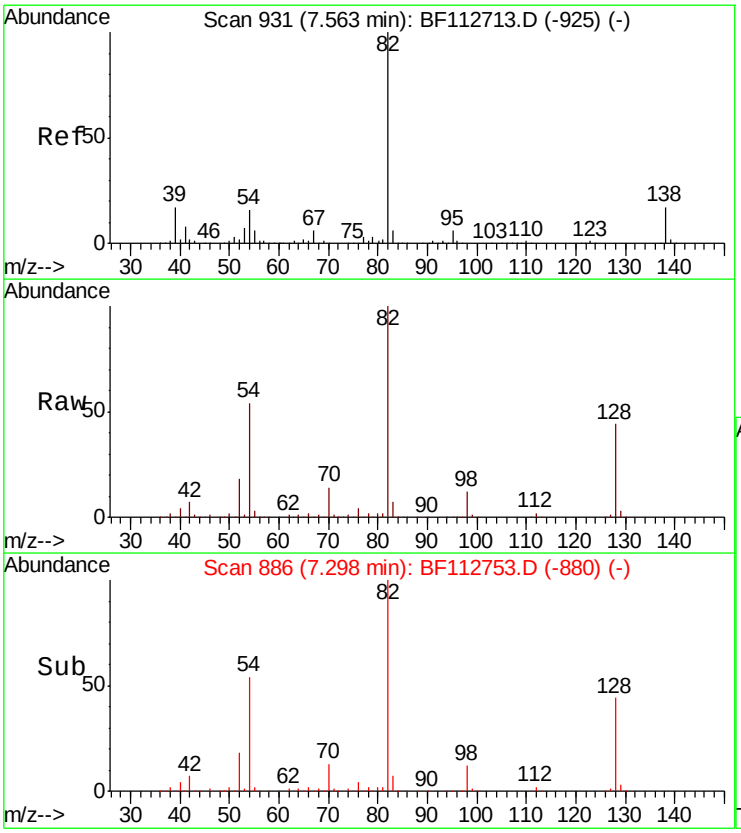
#24
Nitrobenzene
Concen: 0.212 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 77 Resp: 3153

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	30.3	11.1	16.7#

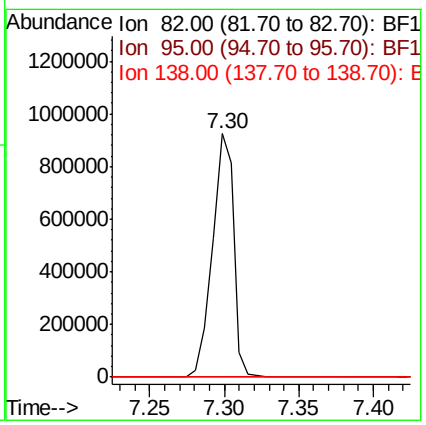


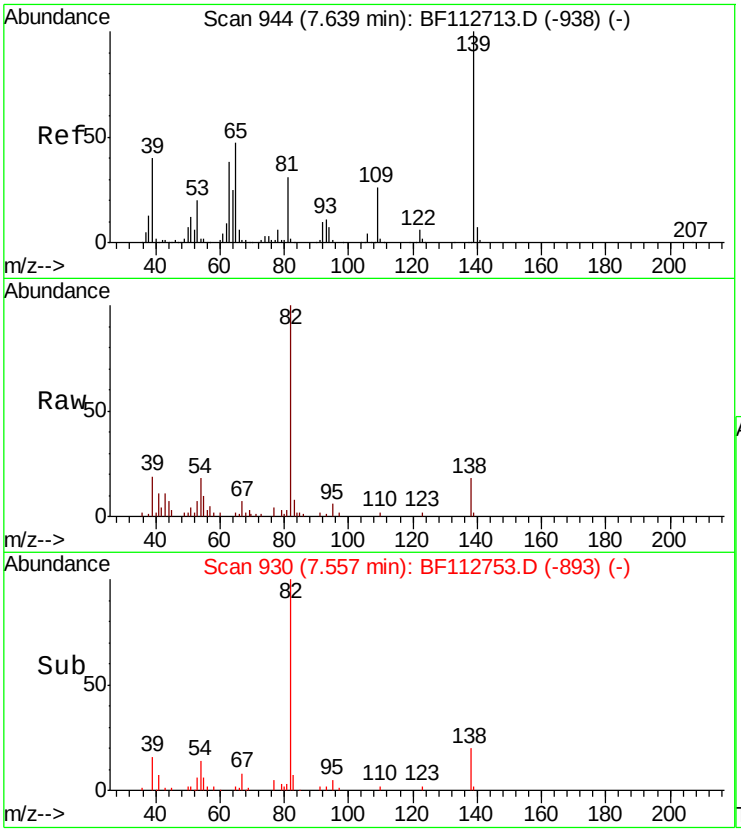


#25
Isophorone
Concen: 31.737 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 82 Resp: 913628

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



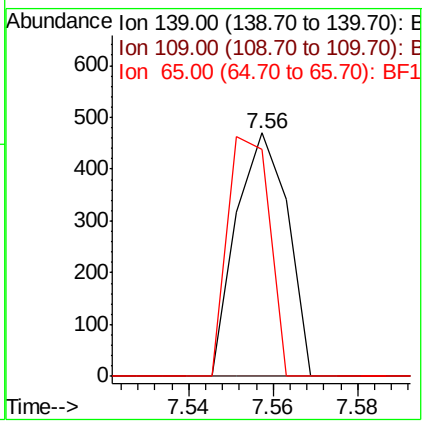


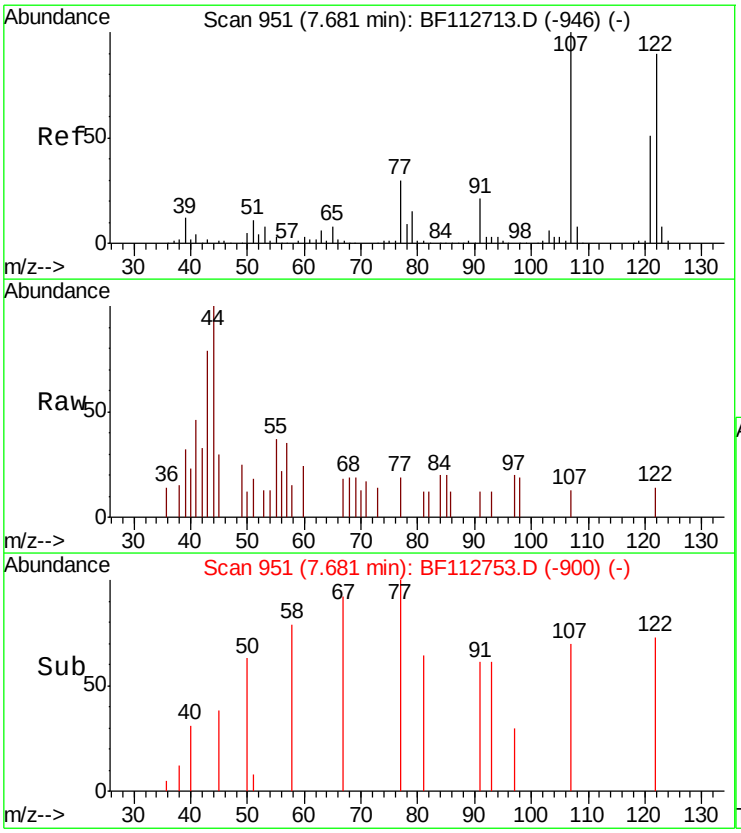
#26
2-Nitrophenol
Concen: 0.064 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.08 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:139 Resp: 399

Ion	Ratio	Lower	Upper
139	100		
109	0.0	20.6	31.0#
65	93.0	37.9	56.9#

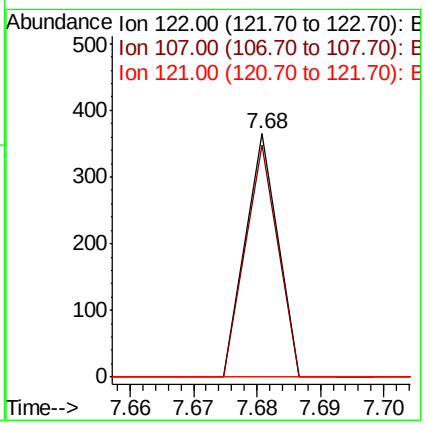


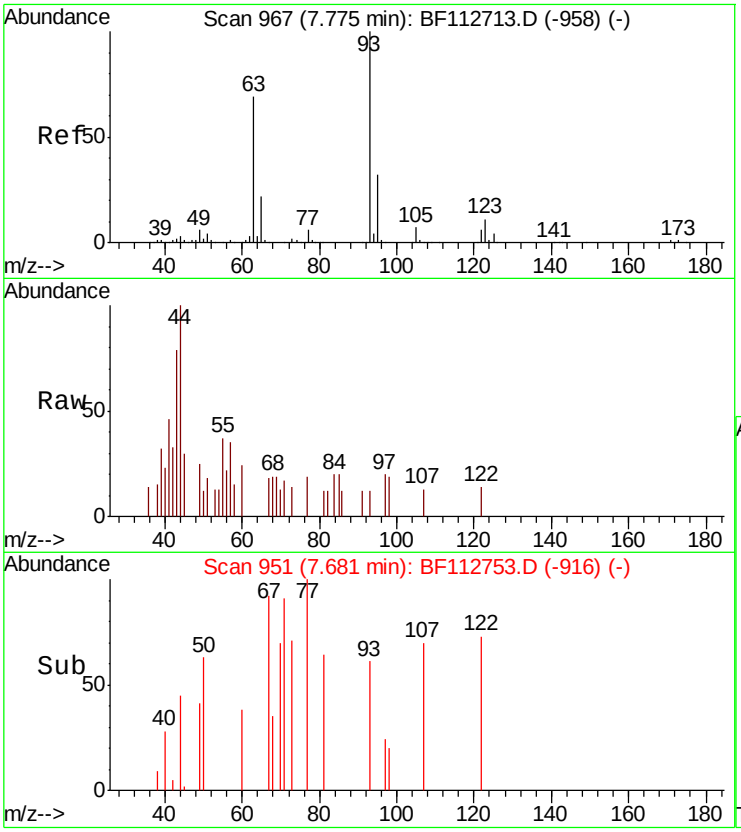


#27
2,4-Dimethylphenol
Concen: 0.011 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:122 Resp: 129

Ion	Ratio	Lower	Upper
122	100		
107	95.3	89.4	134.0
121	0.0	45.5	68.3#



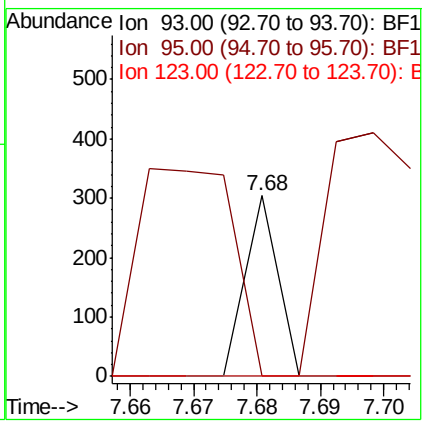


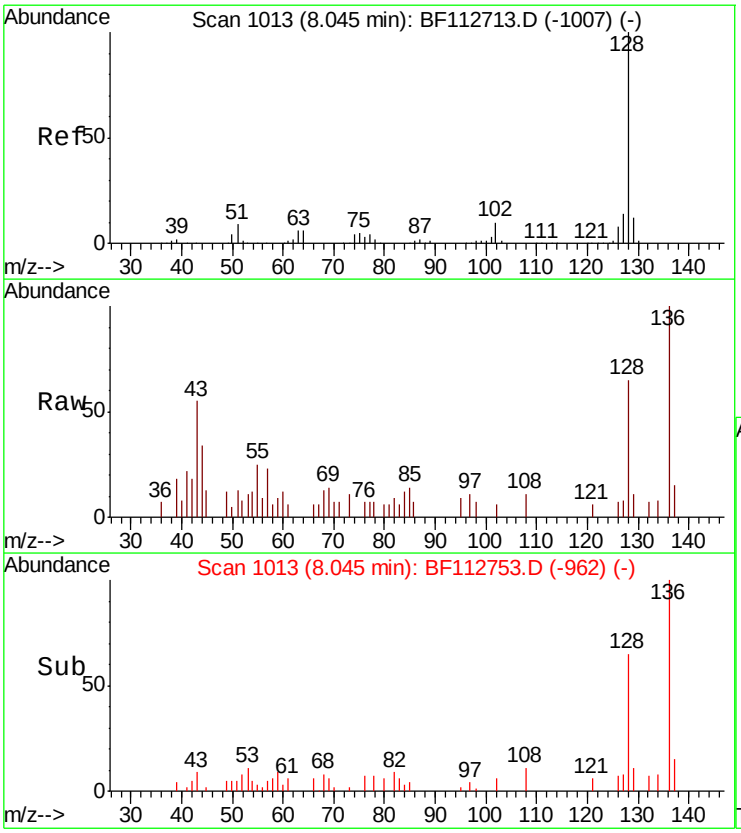
#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.09 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion: 93 Resp: 107

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.0	39.0#
123	0.0	9.3	13.9#

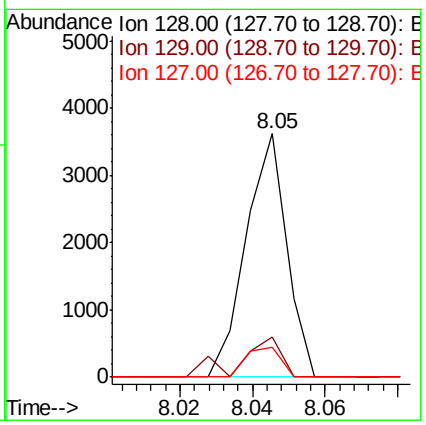


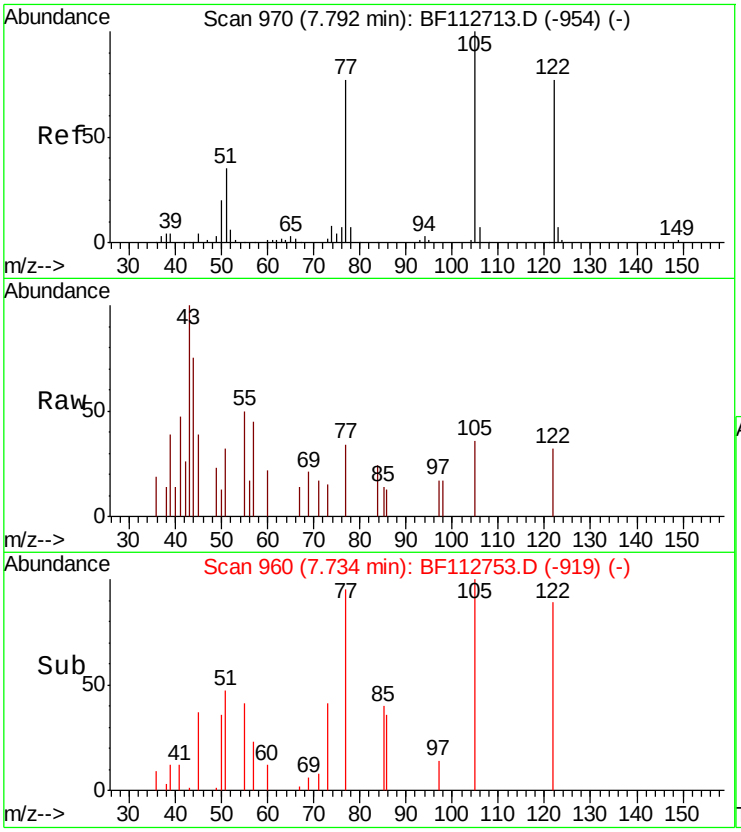


#31
Naphthalene
Concen: 0.071 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:128 Resp: 2807

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.3	13.9#
127	12.2	10.9	16.3



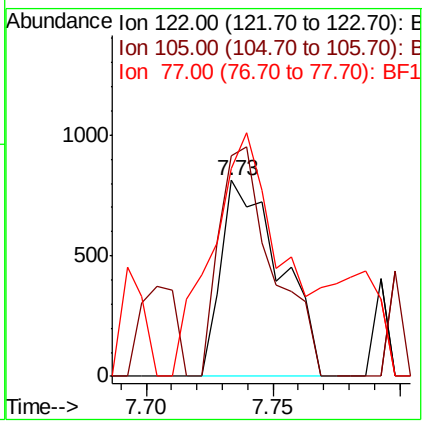


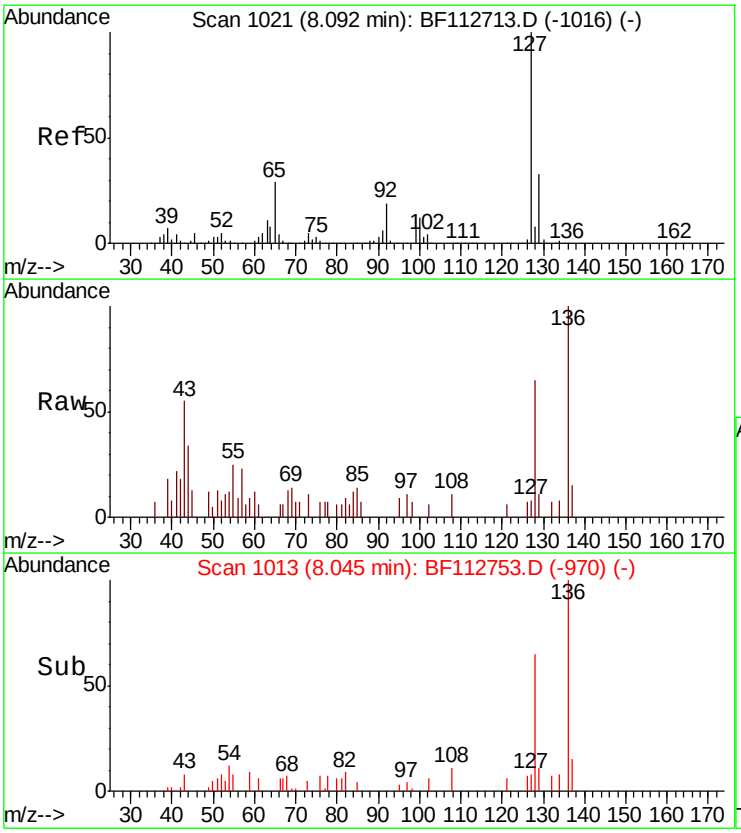
#32
Benzoic acid
Concen: 0.164 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:122 Resp: 1325

Ion	Ratio	Lower	Upper
122	100		
105	112.2	106.8	146.8
77	106.0	79.4	119.4

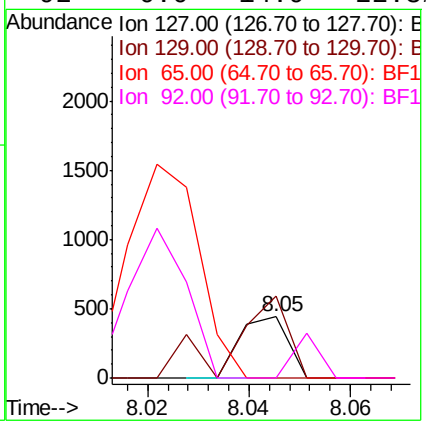


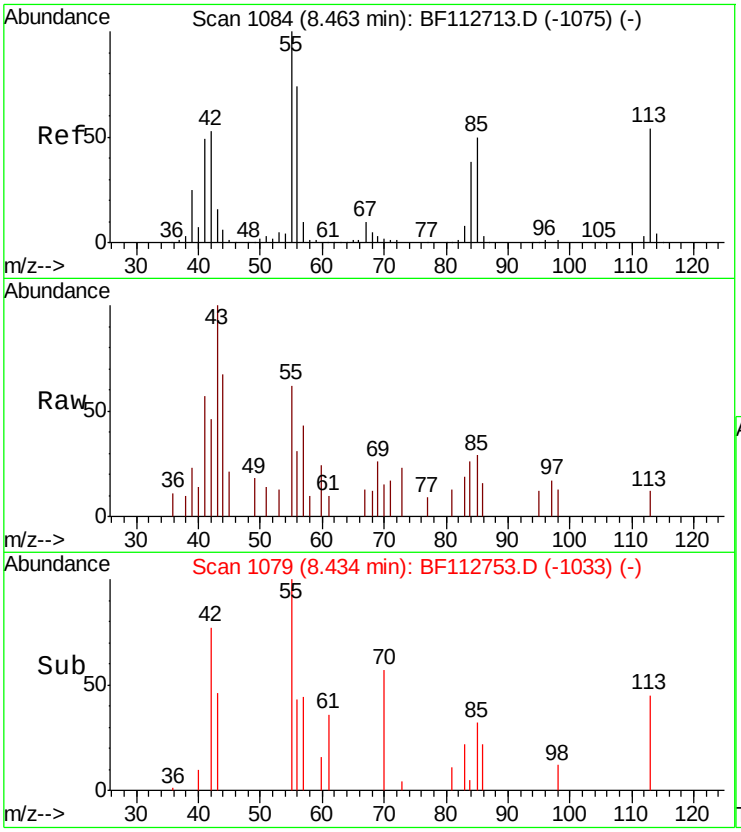


#33
4-Chloroaniline
Concen: 0.017 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:127 Resp: 293

Ion	Ratio	Lower	Upper
127	100		
129	135.1	26.4	39.6#
65	0.0	23.1	34.7#
92	0.0	14.9	22.3#



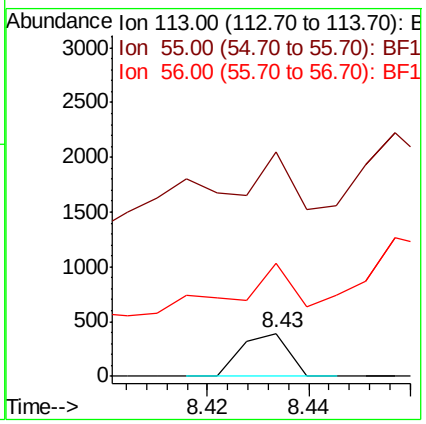


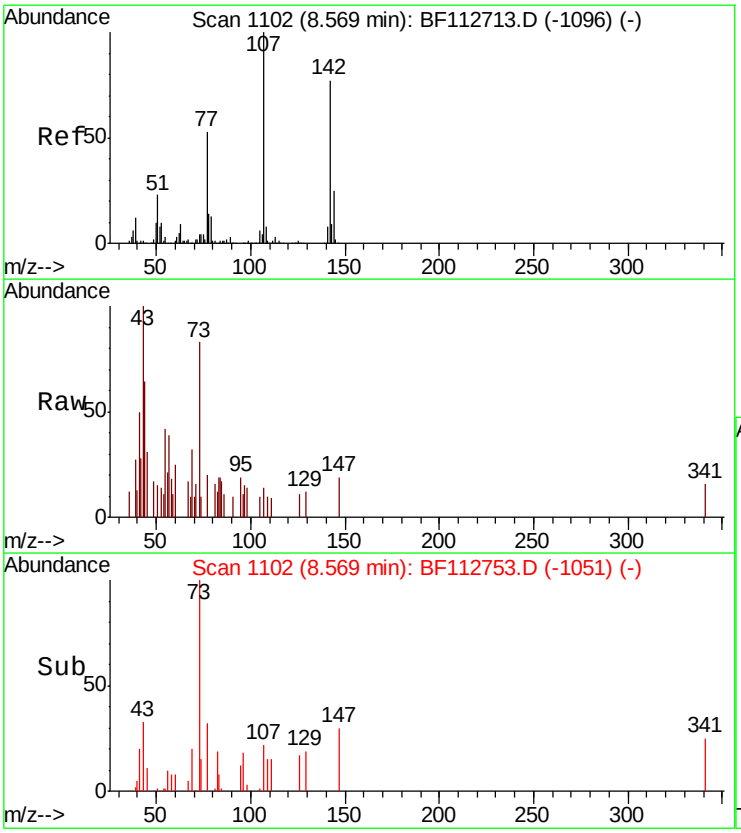
#35
Caprolactam
Concen: 0.063 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:113 Resp: 249

Ion	Ratio	Lower	Upper
113	100		
55	521.2	163.5	203.5#
56	262.0	115.3	155.3#

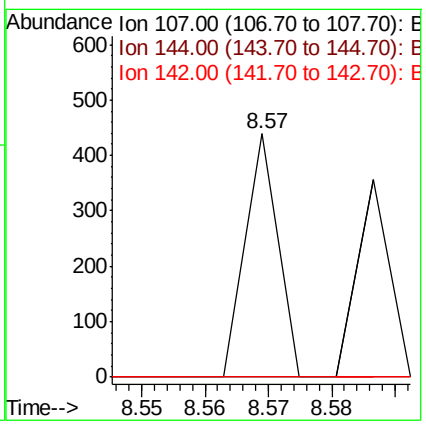


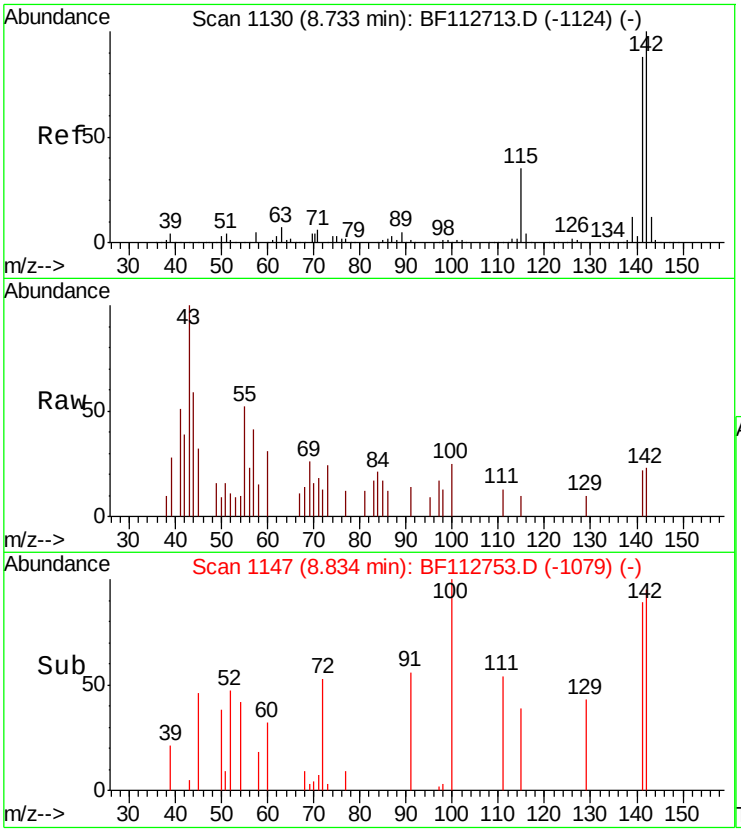


#36
4-Chloro-3-methylphenol
Concen: 0.013 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:107 Resp: 155

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.1	30.1#
142	0.0	61.9	92.9#



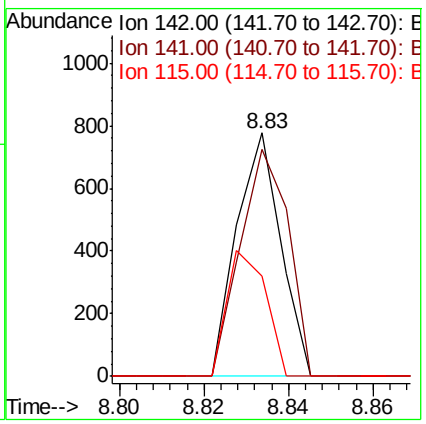


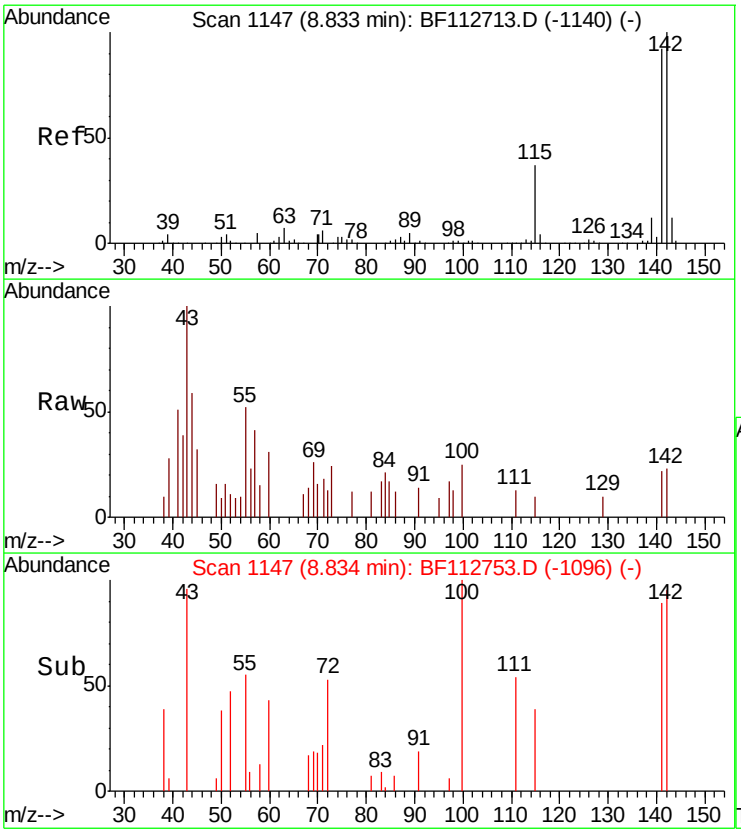
#37
2-Methylnaphthalene
Concen: 0.022 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.10 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:142 Resp: 560

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.3	105.5
115	41.4	27.8	41.6

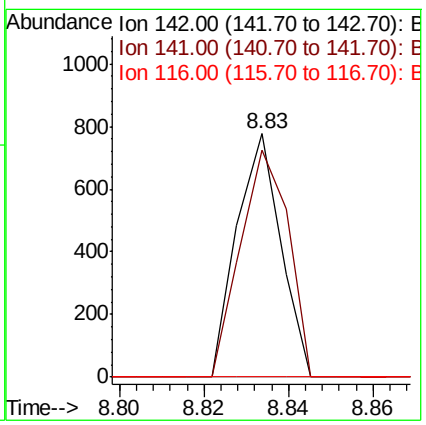


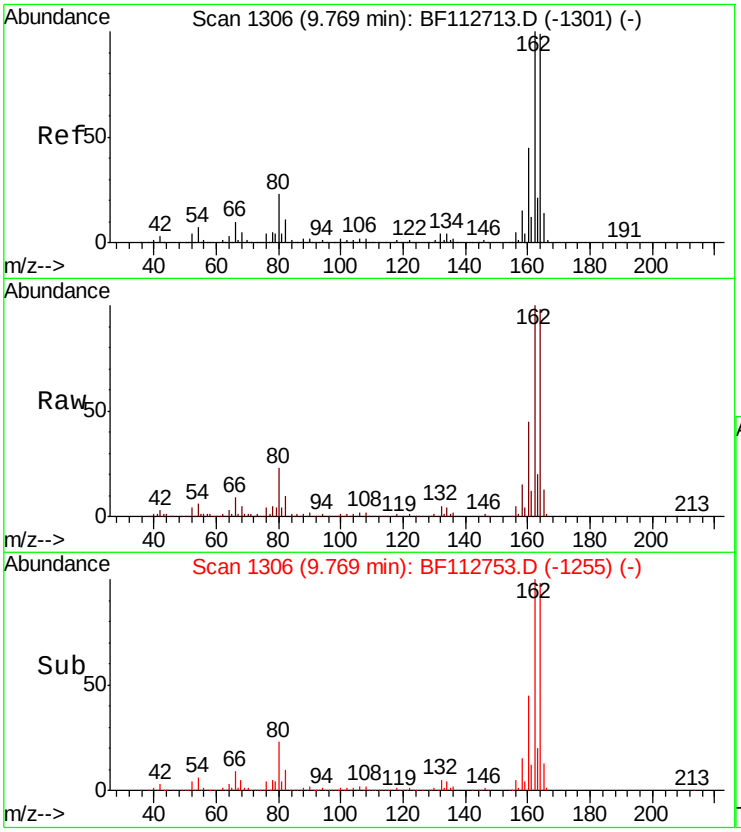


#38
1-Methylnaphthalene
Concen: 0.023 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:142 Resp: 560

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.7	110.5
116	0.0	3.1	4.7#



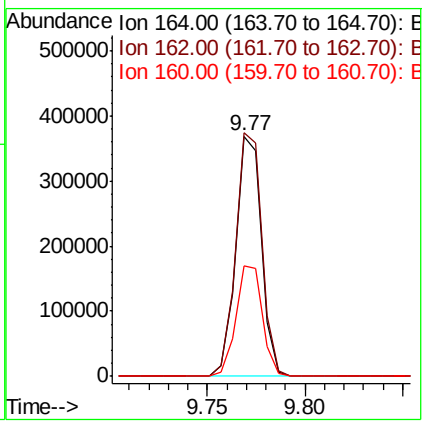


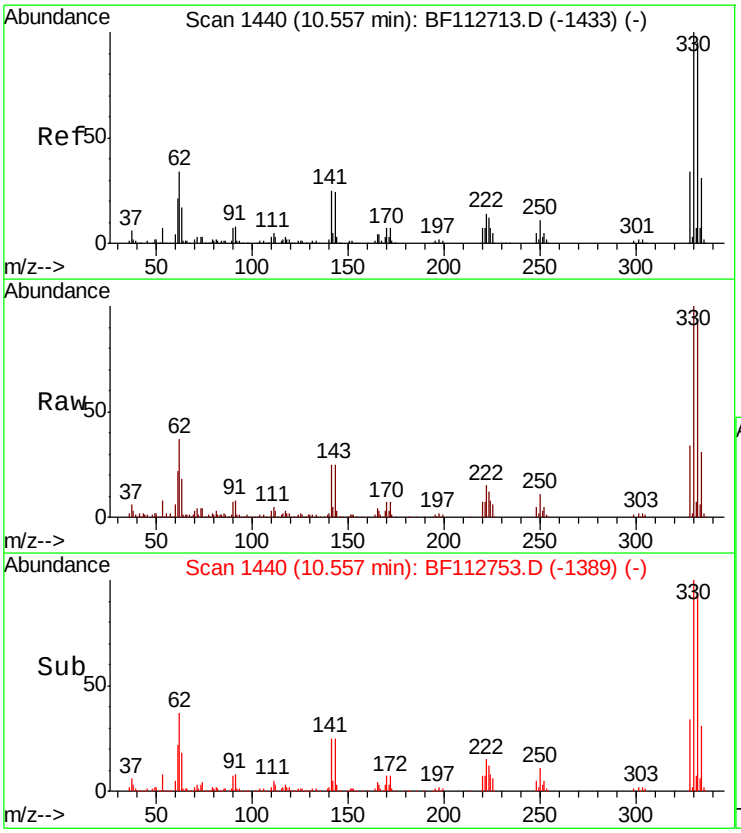
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:164 Resp: 336375

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	46.1	36.0	54.0

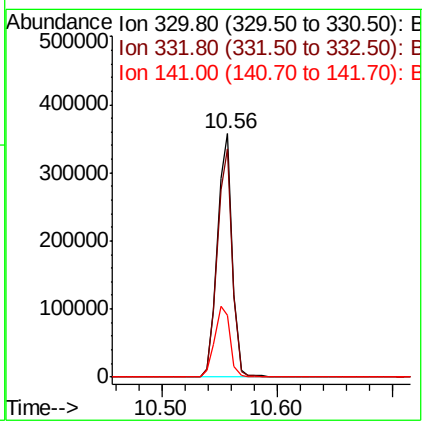


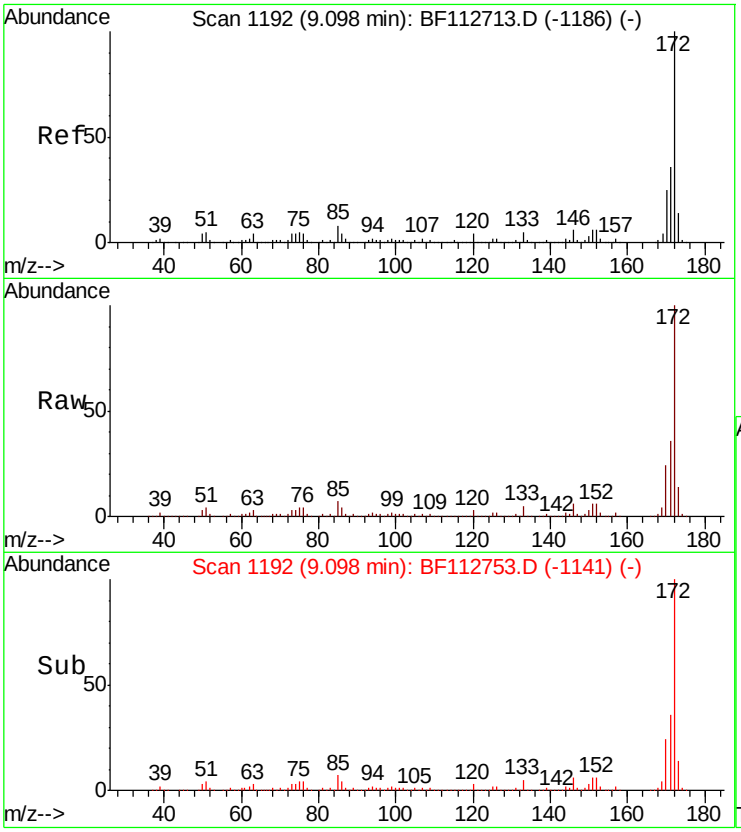


#42
2,4,6-Tribromophenol
Concen: 89.294 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:330 Resp: 318872

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	30.2	27.0	40.6



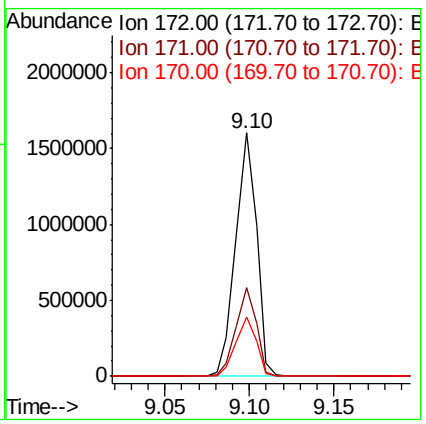


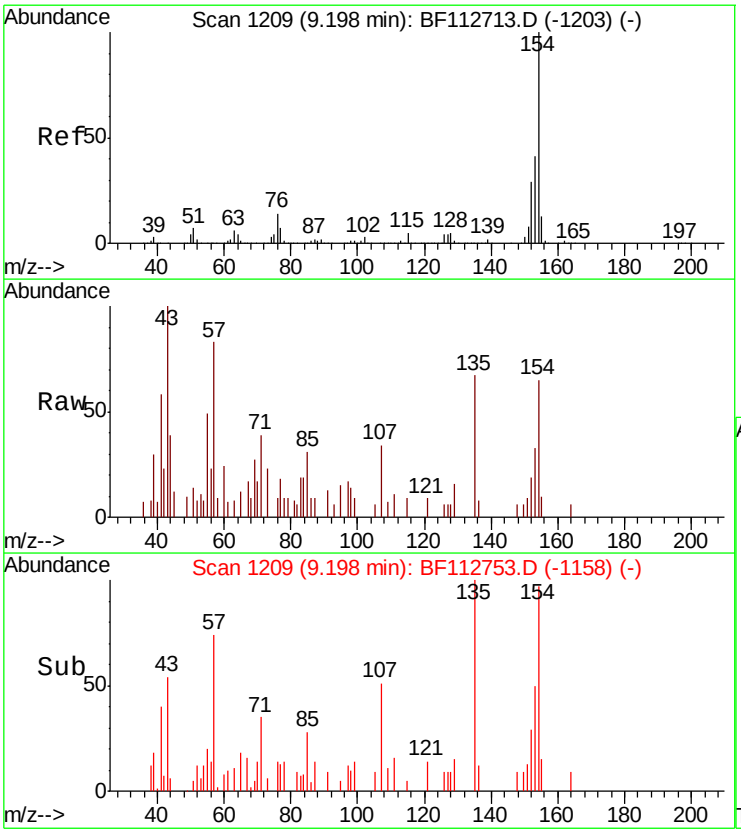
#45
2-Fluorobiphenyl
Concen: 67.932 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:172 Resp: 1383423

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.1	20.0	30.0

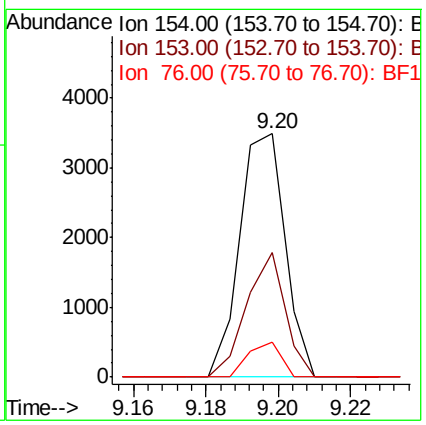


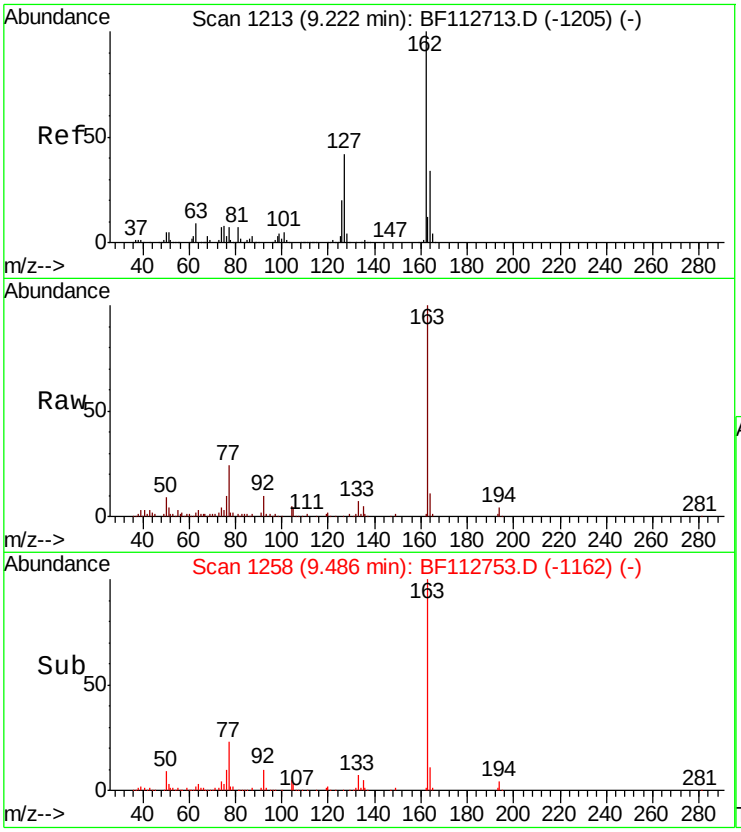


#46
1,1'-Biphenyl
Concen: 0.111 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:154 Resp: 3034

Ion	Ratio	Lower	Upper
154	100		
153	51.4	20.8	60.8
76	14.1	0.0	33.8



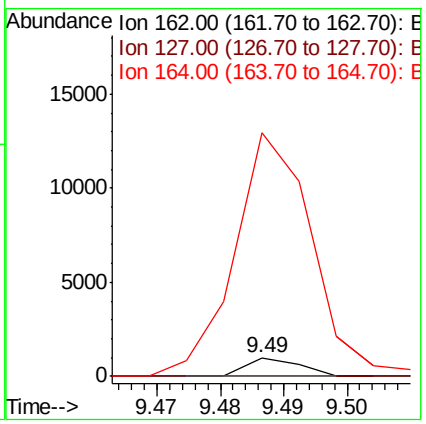


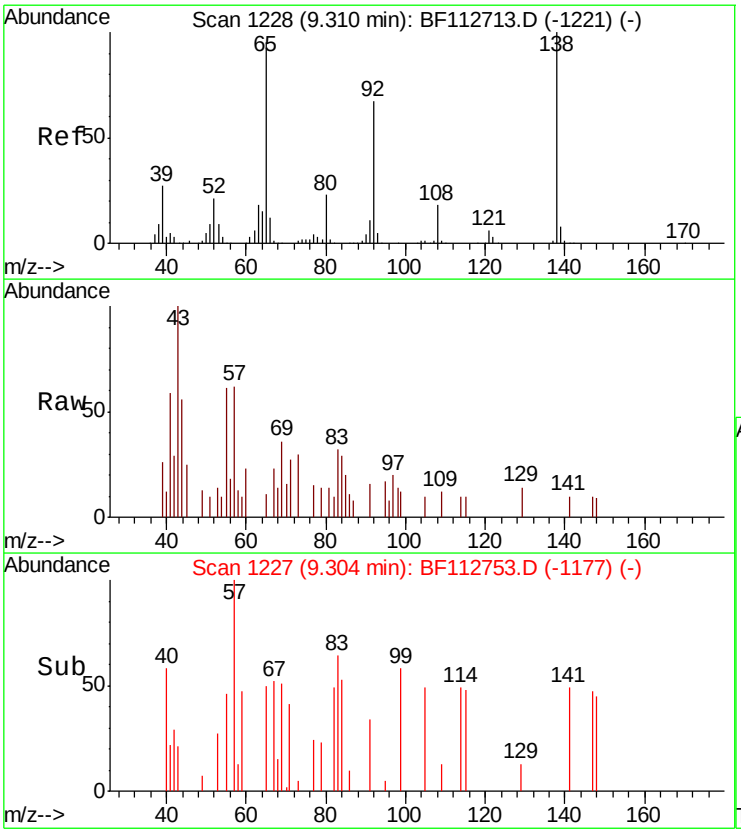
#47
2-Chloronaphthalene
Concen: 0.027 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.26 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:162 Resp: 586

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1295.5	26.9	40.3#

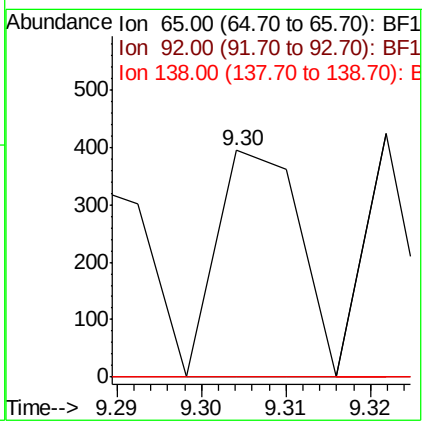


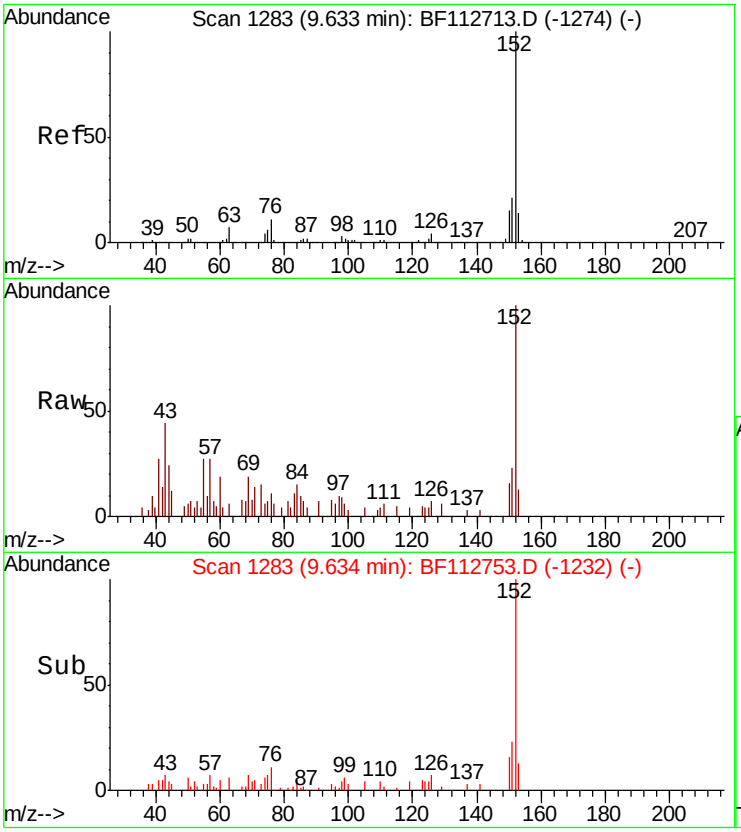


#48
2-Nitroaniline
Concen: 0.041 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 65 Resp: 267

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



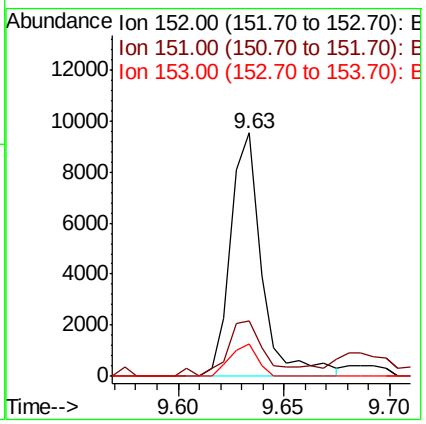


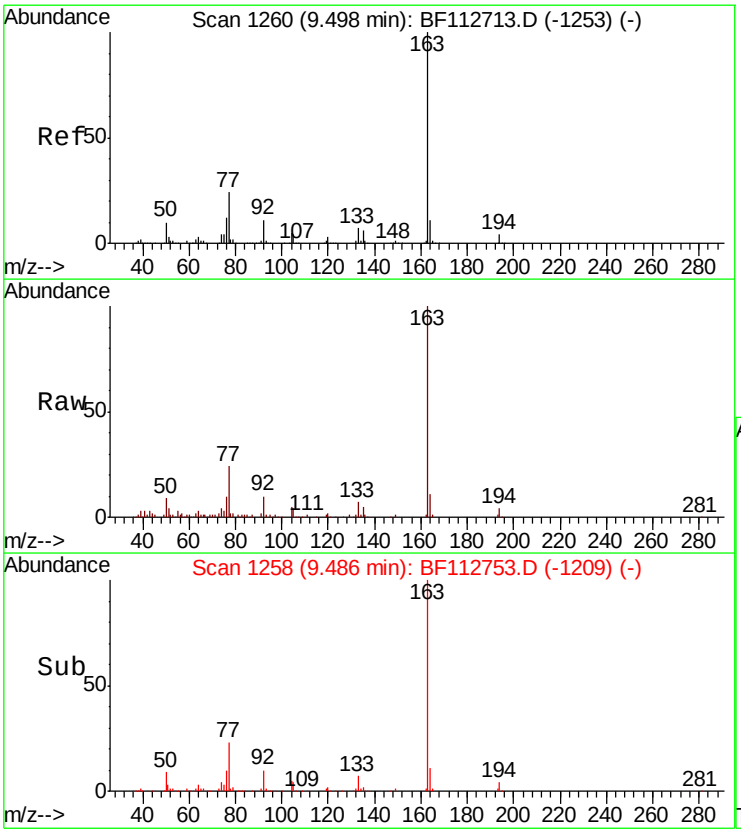
#49
Acenaphthylene
Concen: 0.268 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:152 Resp: 9763

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.9	25.3
153	13.3	11.0	16.6

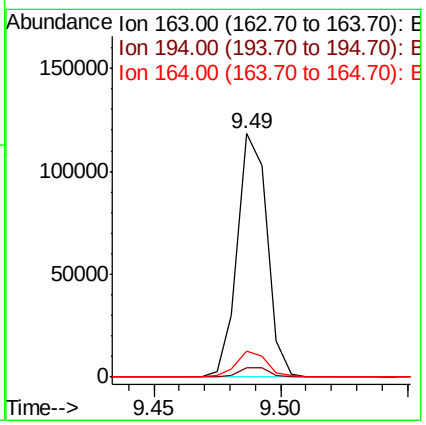


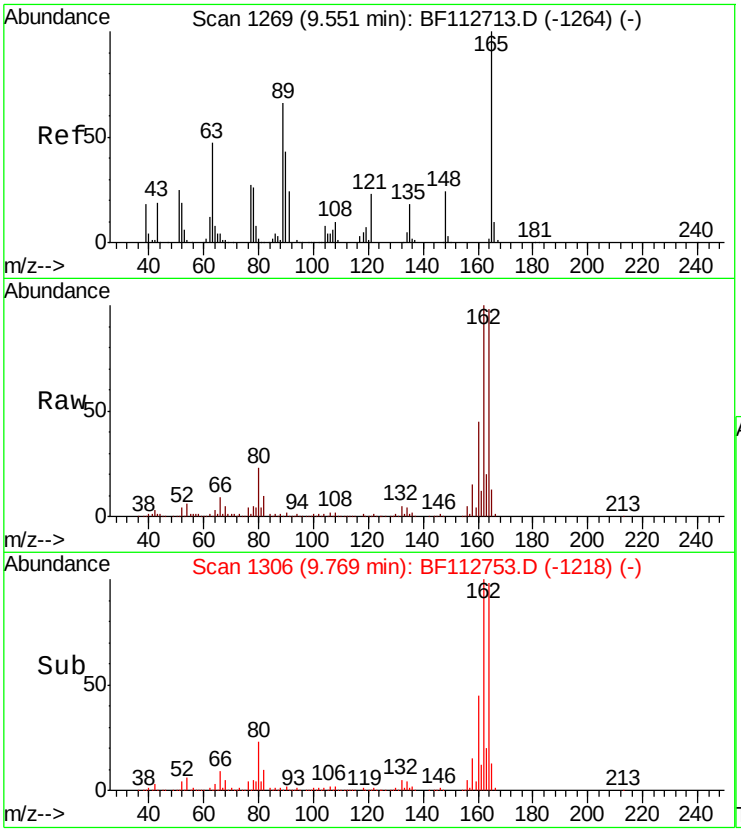


#50
Dimethylphthalate
Concen: 3.892 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:163 Resp: 96526

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.9	8.4	12.6



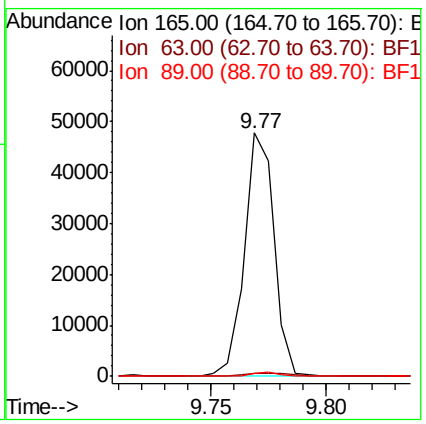


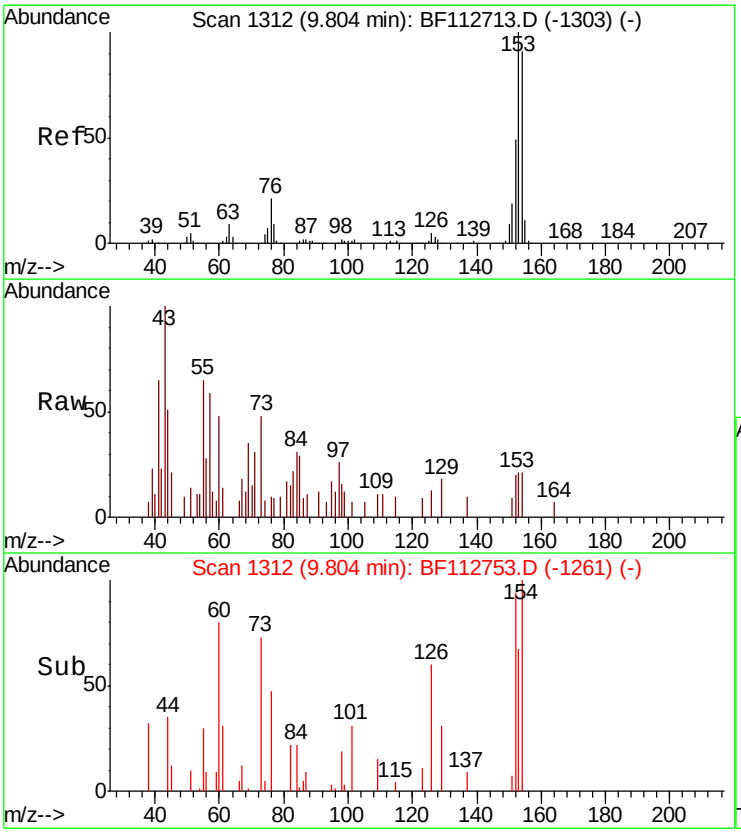
#51
2,6-Dinitrotoluene
Concen: 8.304 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:165 Resp: 42887

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.4	52.8	79.2#

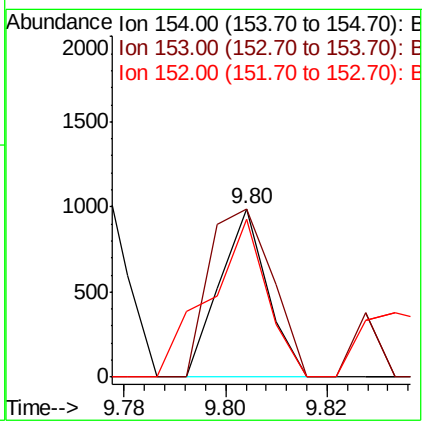


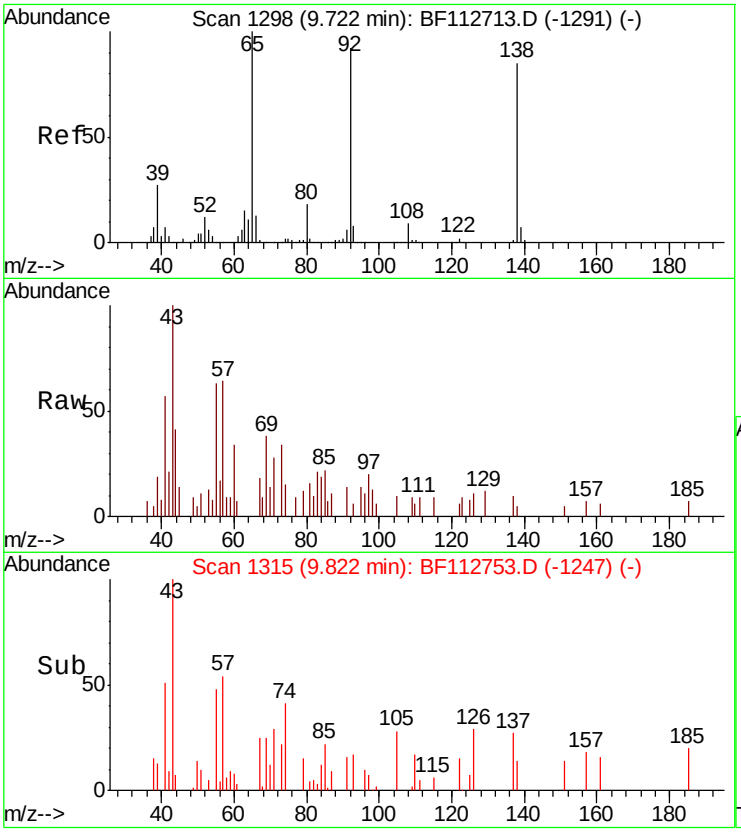


#52
Acenaphthene
Concen: 0.030 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:154 Resp: 648

Ion	Ratio	Lower	Upper
154	100		
153	99.9	87.8	131.8
152	93.7	43.0	64.6#



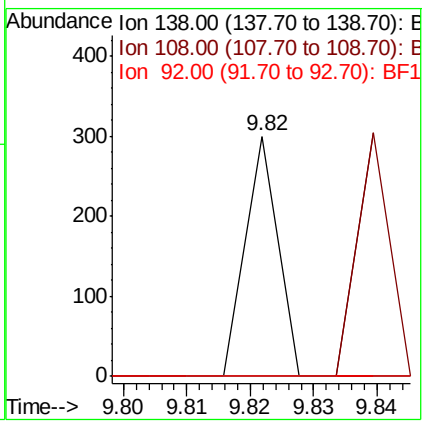


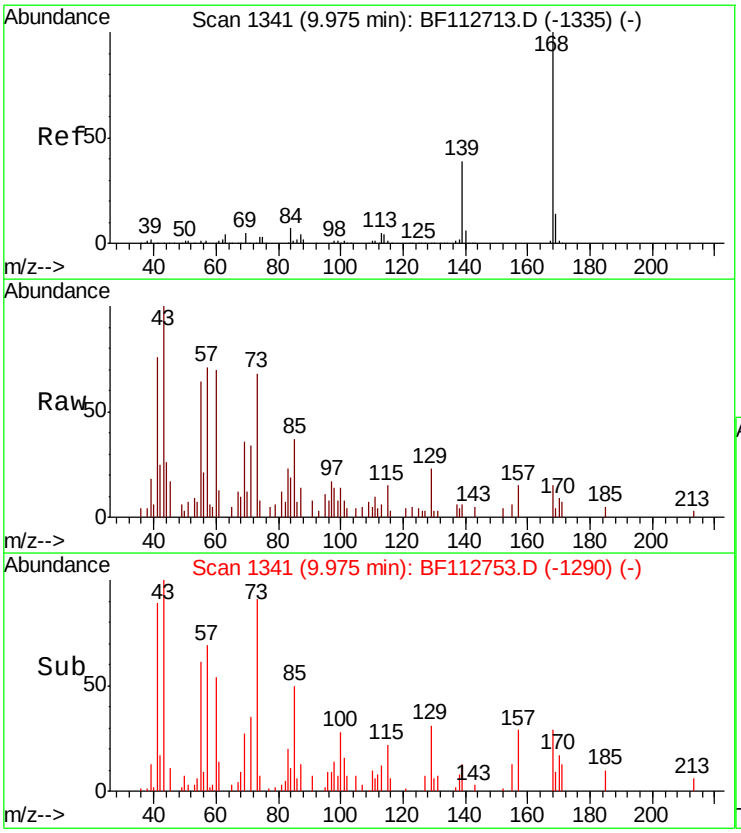
#53
3-Nitroaniline
Concen: 0.017 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.10 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:138 Resp: 106

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.6	13.0#
92	0.0	86.6	129.8#

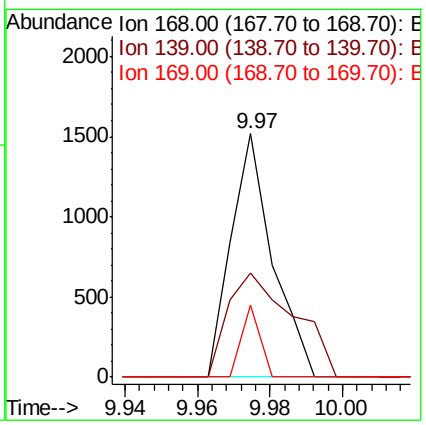


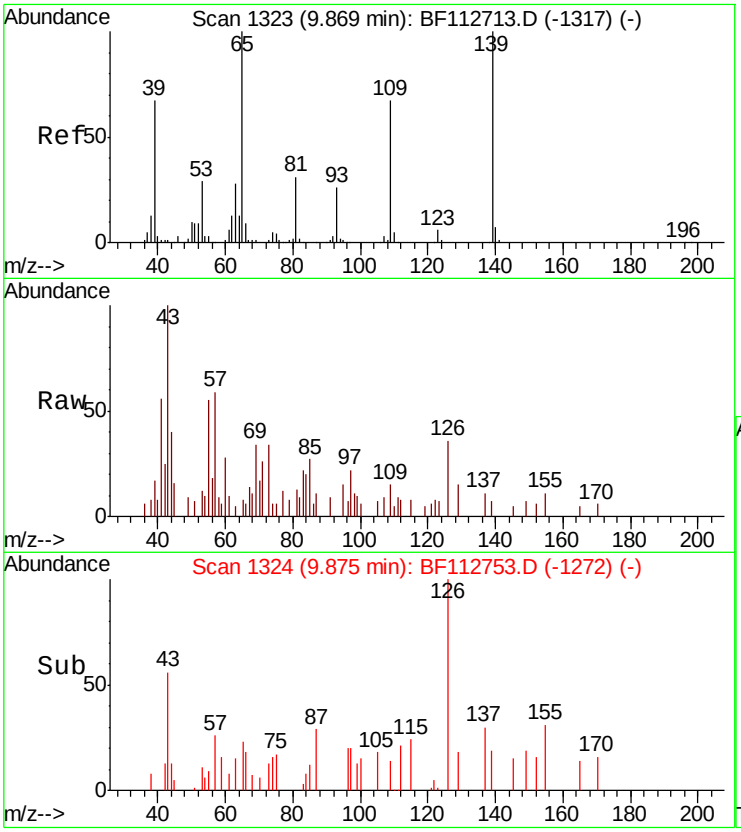


#55
Dibenzofuran
Concen: 0.039 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:168 Resp: 1212

Ion	Ratio	Lower	Upper
168	100		
139	42.9	31.3	46.9
169	29.7	11.3	16.9#



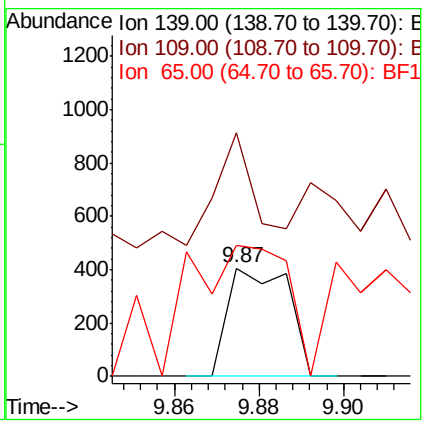


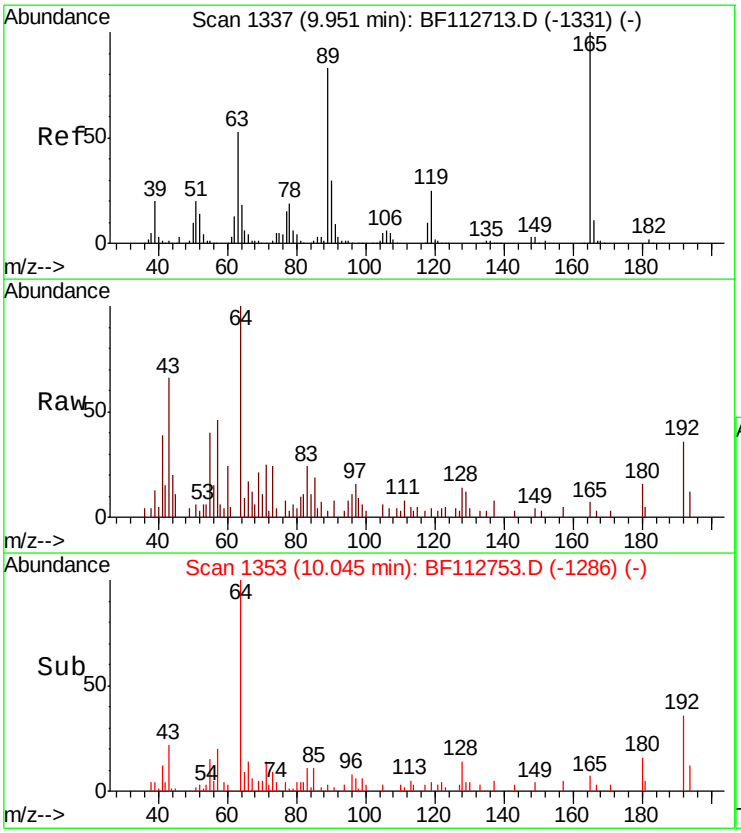
#56
4-Nitrophenol
Concen: 0.079 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:139 Resp: 403

Ion	Ratio	Lower	Upper
139	100		
109	224.9	46.8	86.8#
65	120.9	80.7	120.7#

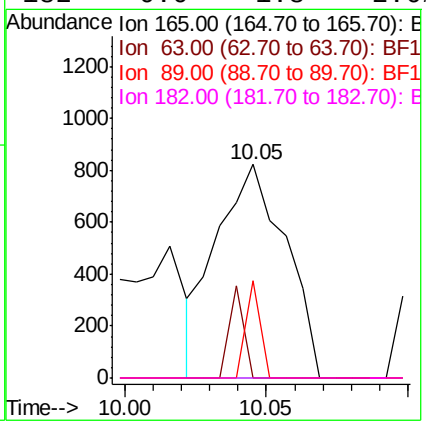


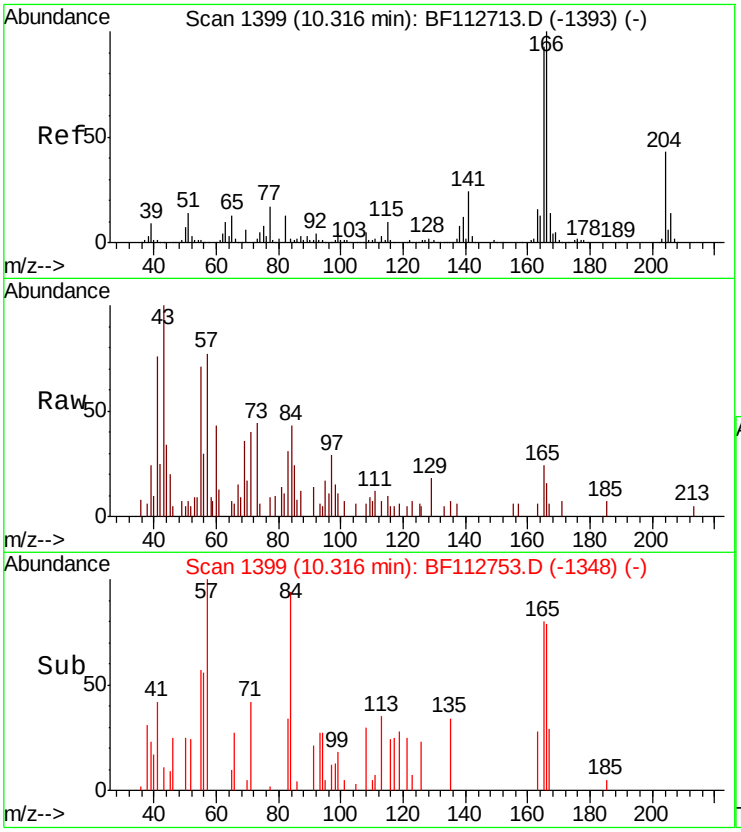


#57
2,4-Dinitrotoluene
Concen: 0.218 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.09 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:165 Resp: 1402

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	45.8	66.2	99.4#
182	0.0	1.8	2.6#



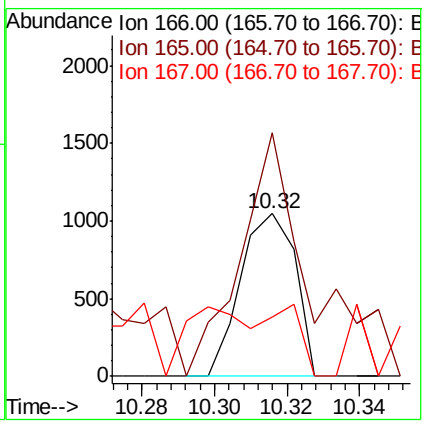


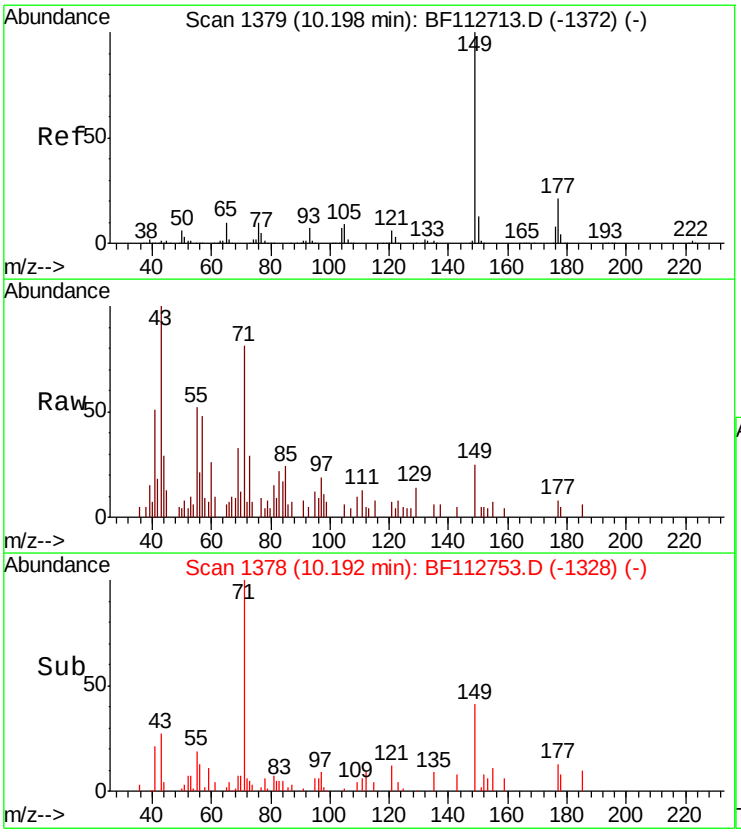
#58
Fluorene
Concen: 0.050 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:166 Resp: 1102

Ion	Ratio	Lower	Upper
166	100		
165	149.8	74.7	112.1#
167	36.2	11.0	16.6#

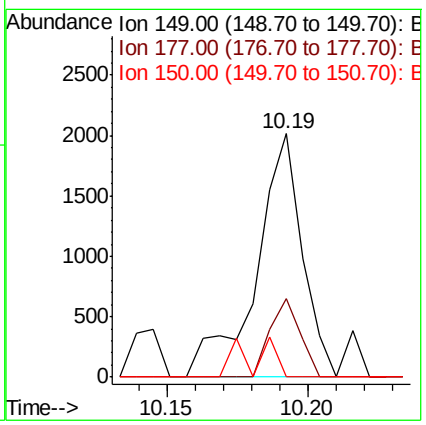


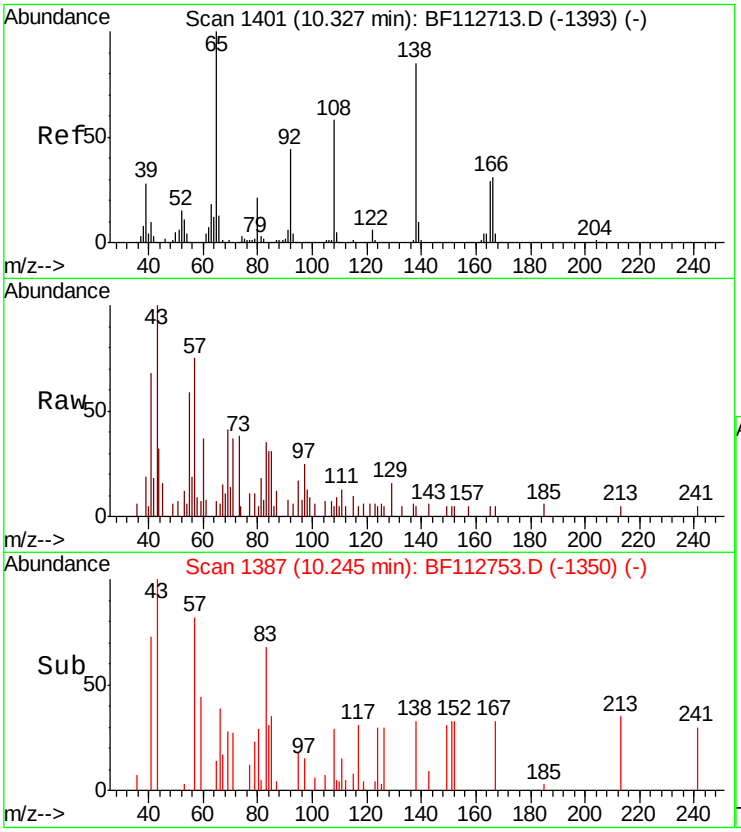


#60
Diethylphthalate
Concen: 0.087 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:149 Resp: 2285

Ion	Ratio	Lower	Upper
149	100		
177	32.2	17.0	25.6#
150	0.0	10.0	15.0#



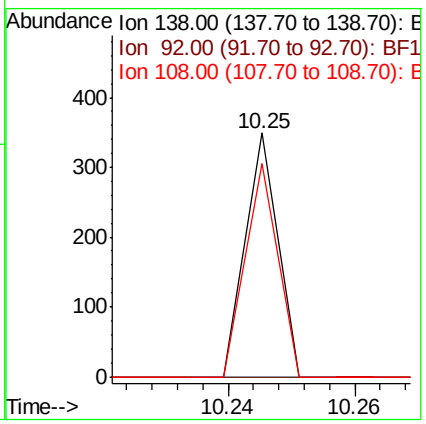


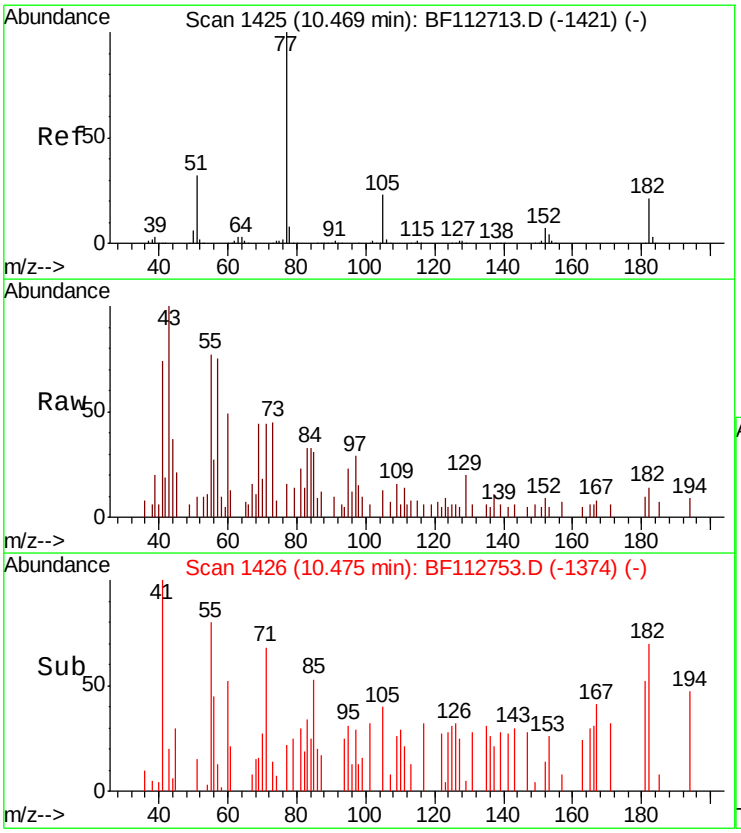
#62
4-Nitroaniline
Concen: 0.021 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.08 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:138 Resp: 123

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.3	71.3#
108	87.7	48.1	88.1

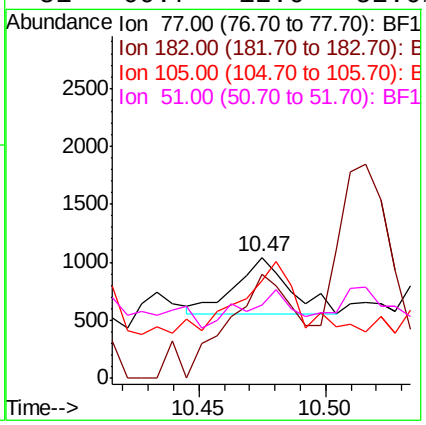


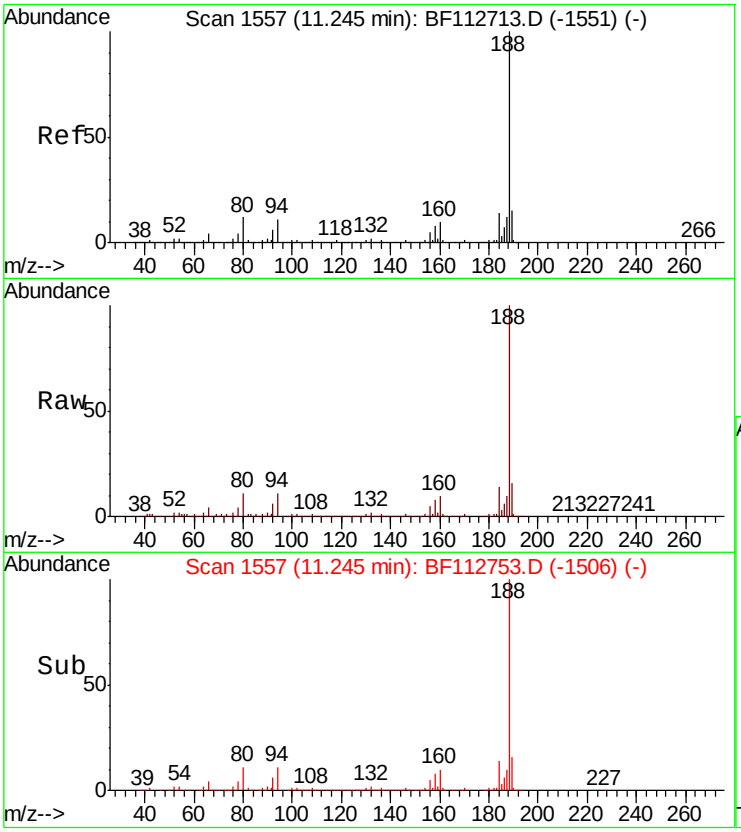


#63
Azobenzene
Concen: 0.027 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 77 Resp: 716

Ion	Ratio	Lower	Upper
77	100		
182	85.8	1.4	41.4#
105	80.4	2.6	42.6#
51	60.7	12.0	52.0#



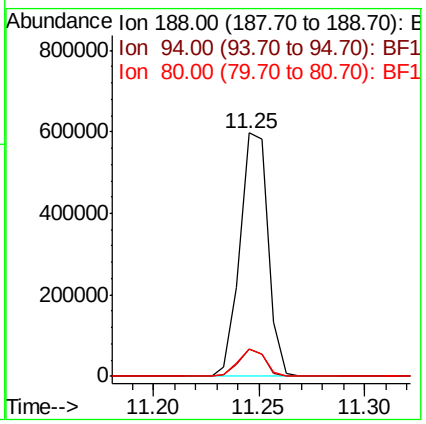


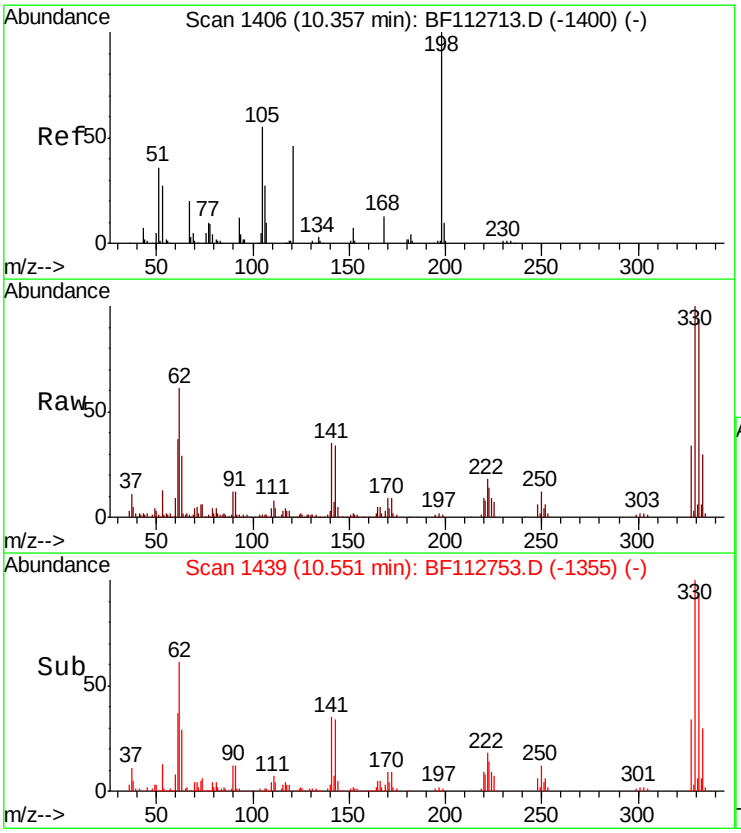
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:188 Resp: 553012

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	11.5	9.2	13.8

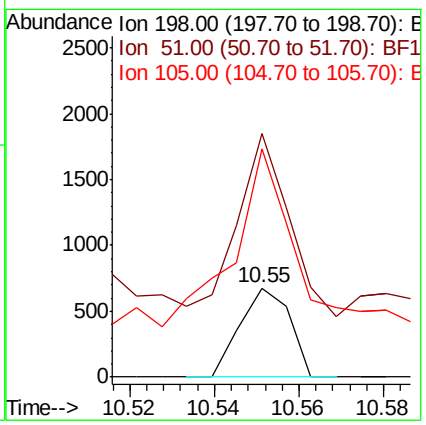


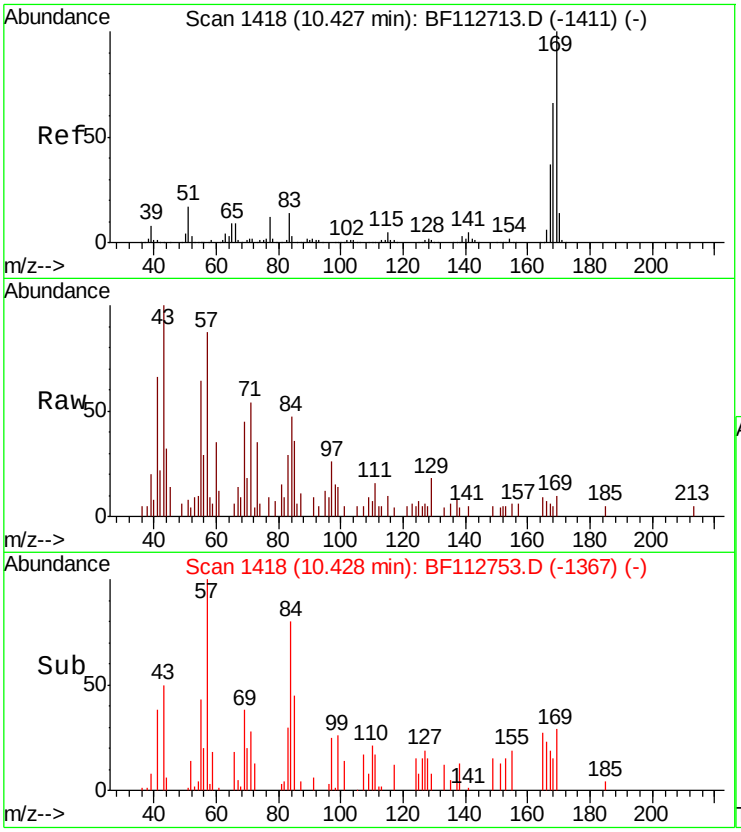


#65
4,6-Dinitro-2-methylphenol
Concen: 4.834 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:198 Resp: 555

Ion	Ratio	Lower	Upper
198	100		
51	272.3	43.8	83.8#
105	255.1	36.5	76.5#



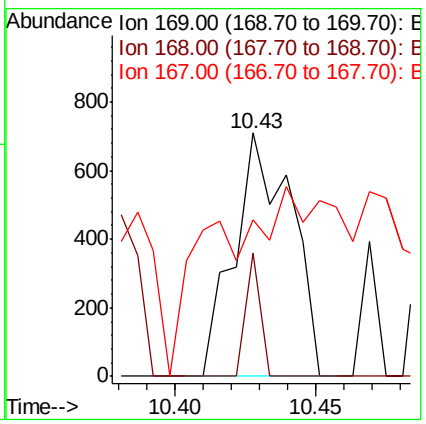


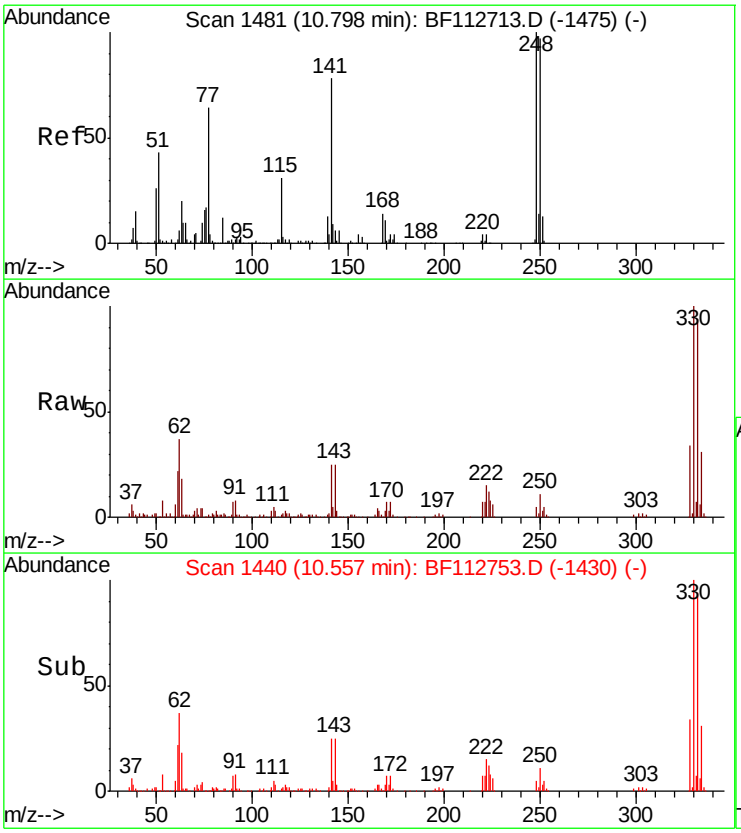
#66
n-Nitrosodiphenylamine
Concen: 0.056 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:169 Resp: 993

Ion	Ratio	Lower	Upper
169	100		
168	50.7	53.0	79.6#
167	64.1	29.3	43.9#

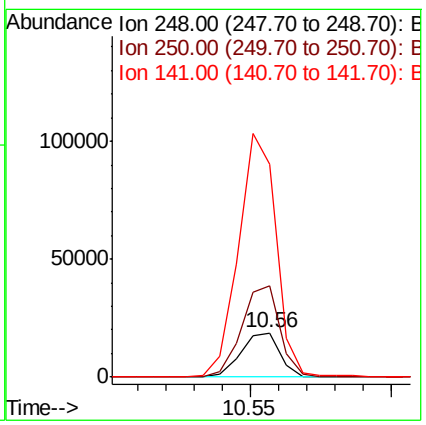


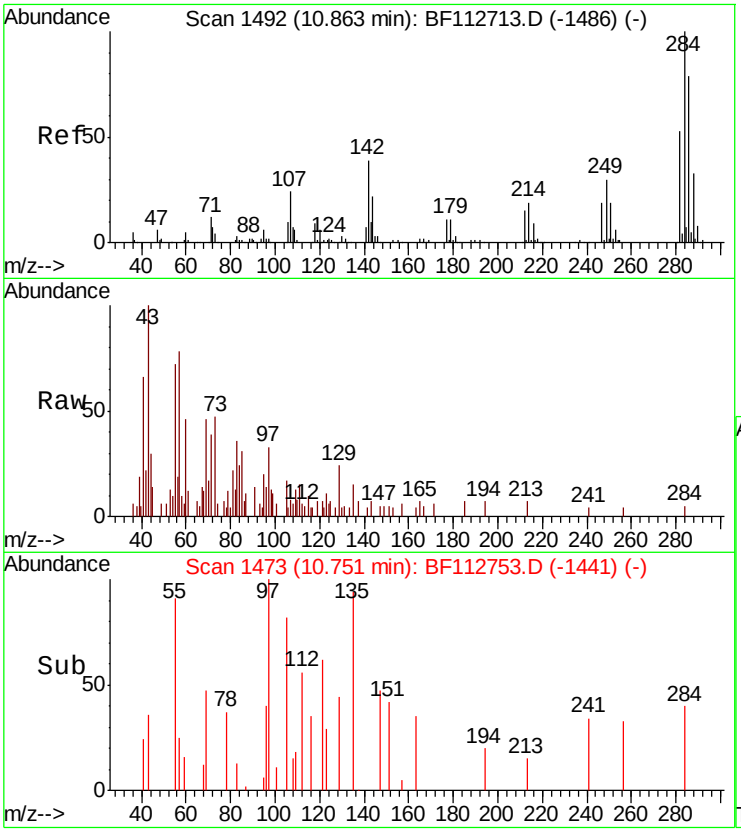


#67
4-Bromophenyl-phenylether
Concen: 3.076 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:248 Resp: 17916

Ion	Ratio	Lower	Upper
248	100		
250	206.3	77.5	116.3#
141	482.9	62.4	93.6#



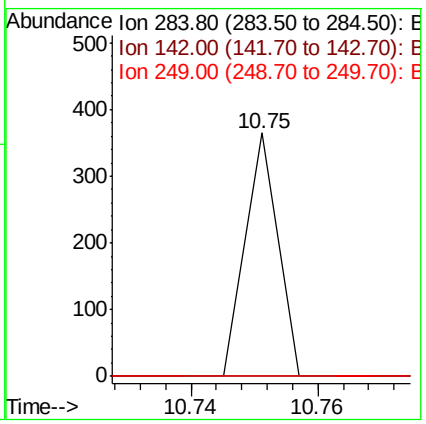


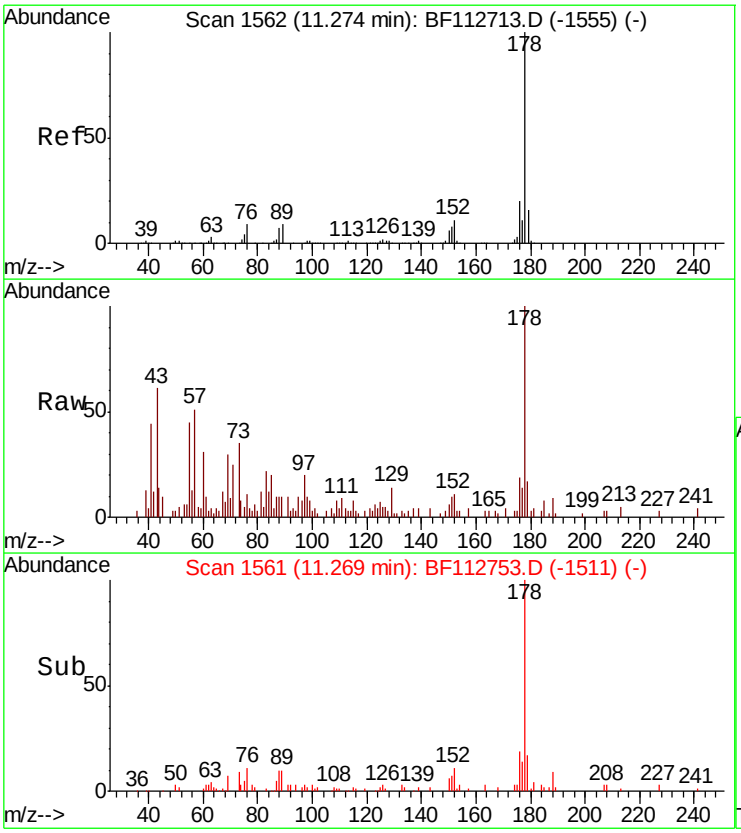
#68
Hexachlorobenzene
Concen: 0.020 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.11 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:284 Resp: 129

Ion	Ratio	Lower	Upper
284	100		
142	0.0	31.0	46.6#
249	0.0	23.6	35.4#

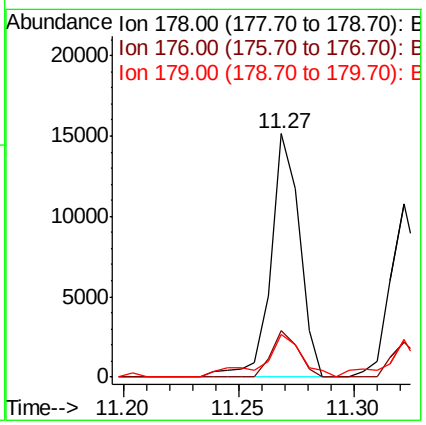


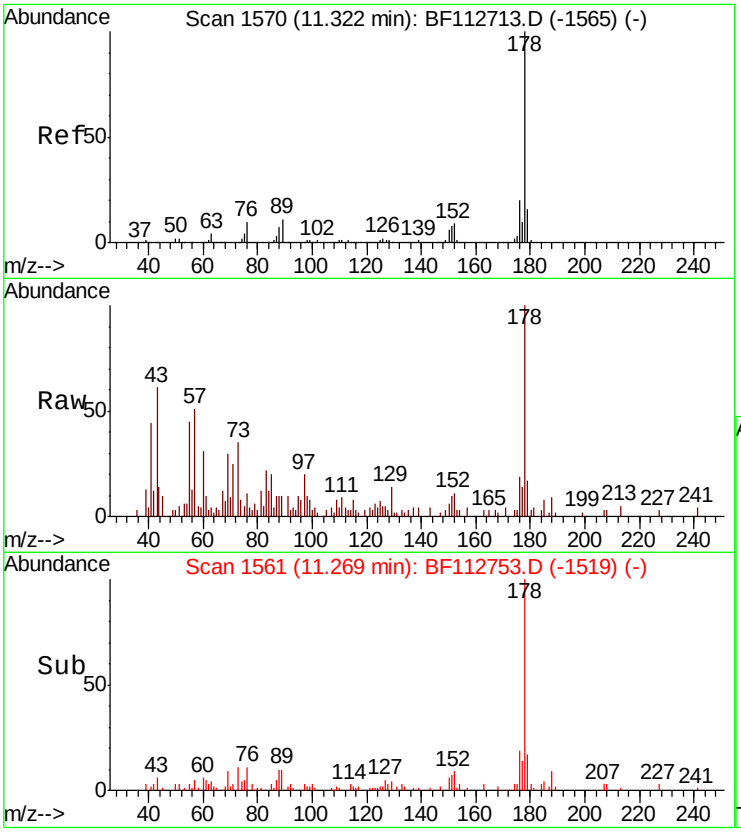


#71
Phenanthrene
Concen: 0.474 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:178 Resp: 13042

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	17.3	12.7	19.1



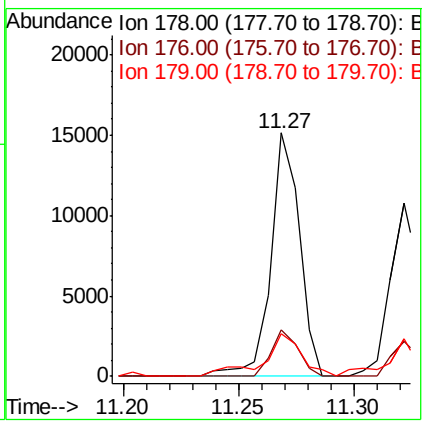


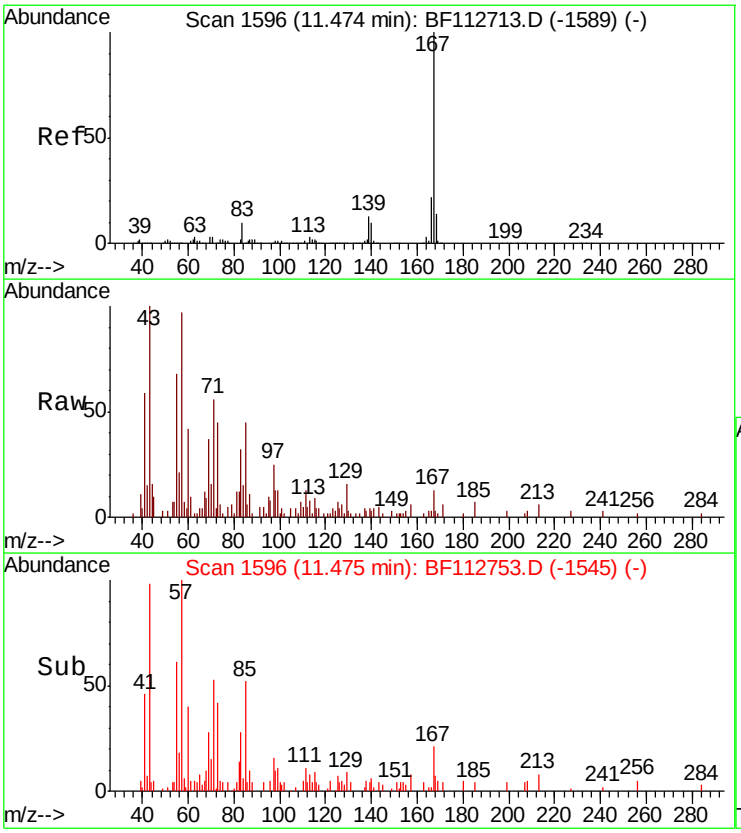
#72
Anthracene
Concen: 0.453 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.05 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:178 Resp: 13042

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	17.3	13.0	19.6

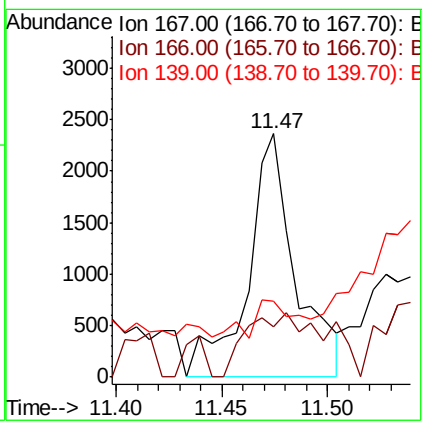


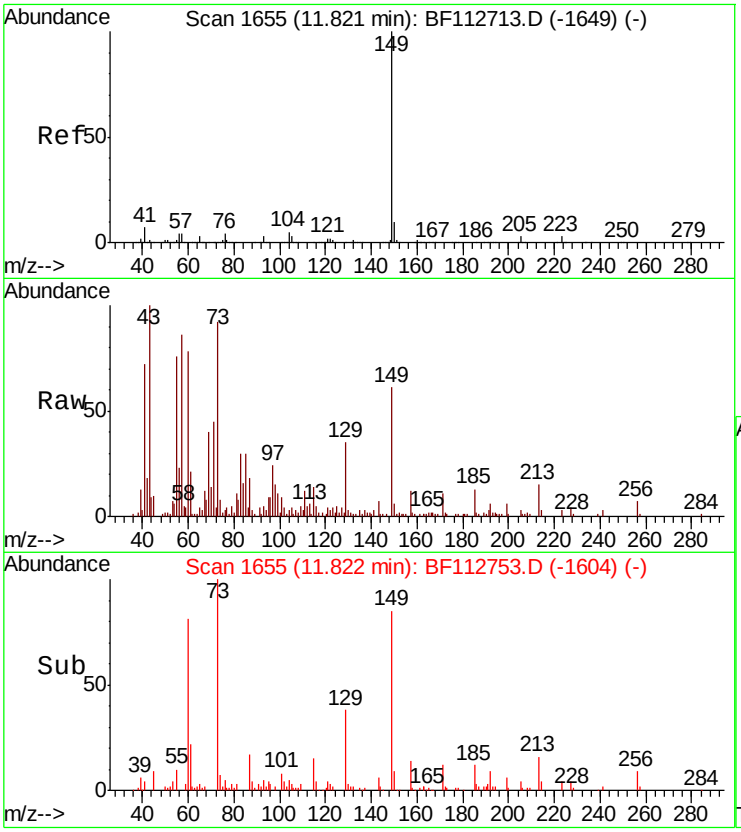


#73
Carbazole
Concen: 0.133 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:167 Resp: 3740

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.5	26.3
139	31.4	10.8	16.2#



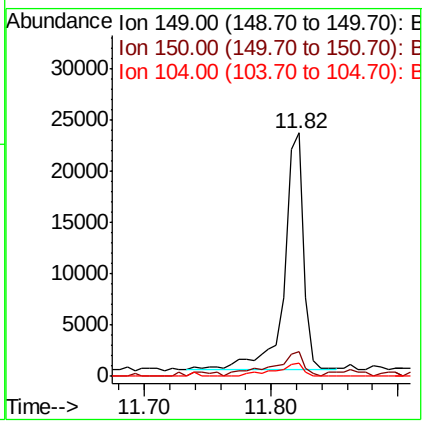


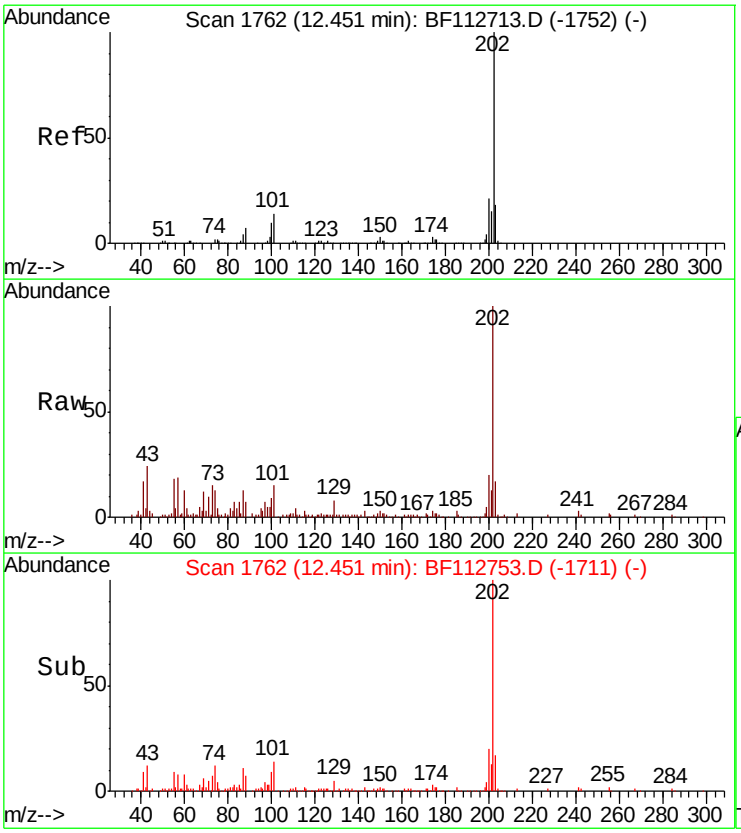
#74
Di-n-butylphthalate
Concen: 0.742 ng
RT: 11.82 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:149 Resp: 24997

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	5.3	3.7	5.5

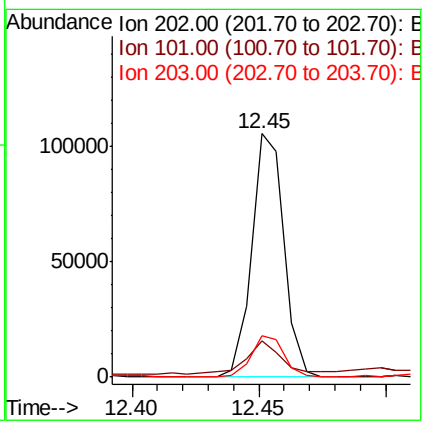


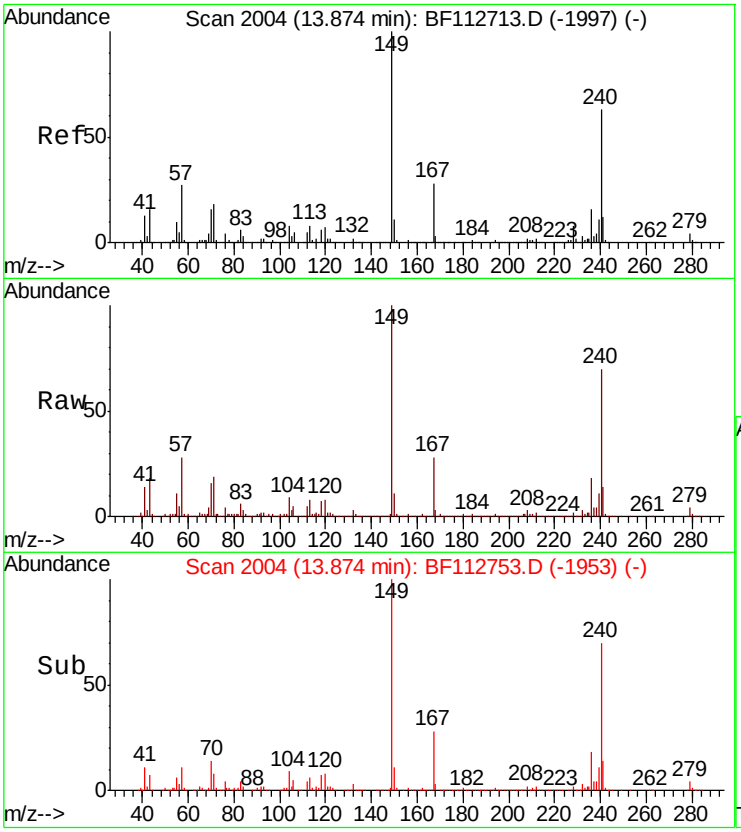


#75
Fluoranthene
Concen: 3.146 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:202 Resp: 92741

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.8
203	17.0	0.0	38.4



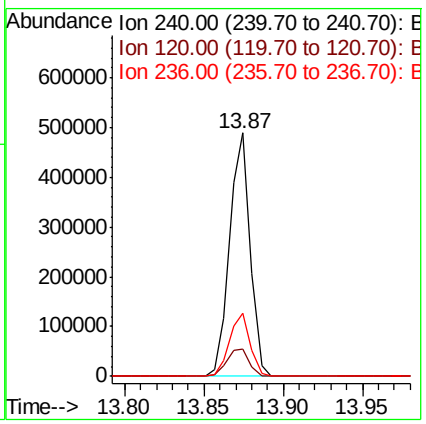


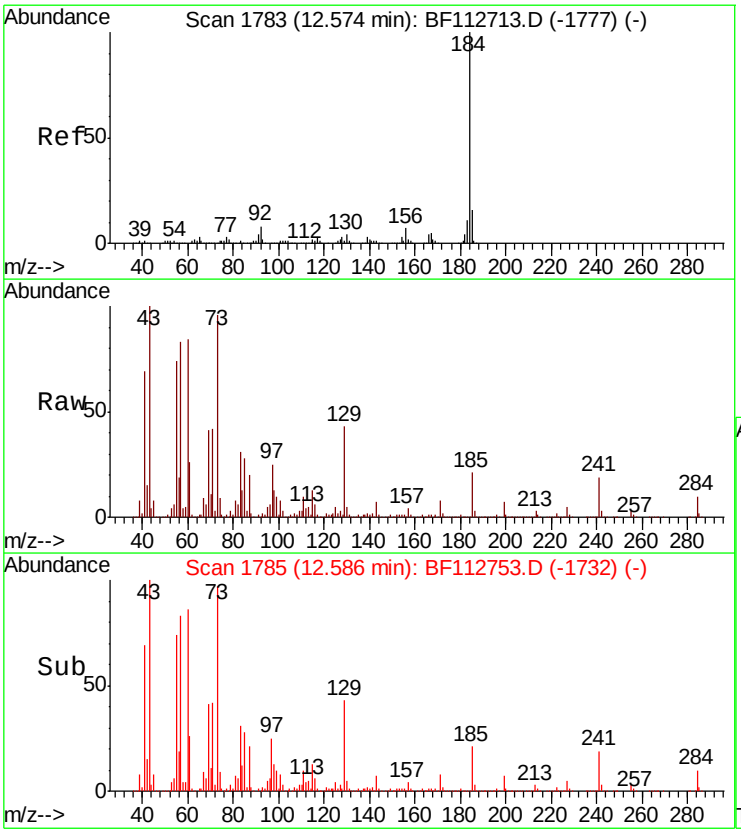
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:240 Resp: 437506

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.2	20.7	31.1

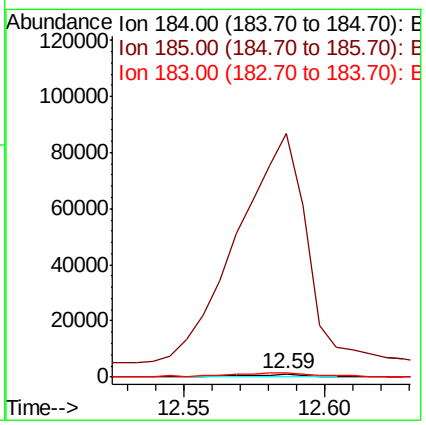


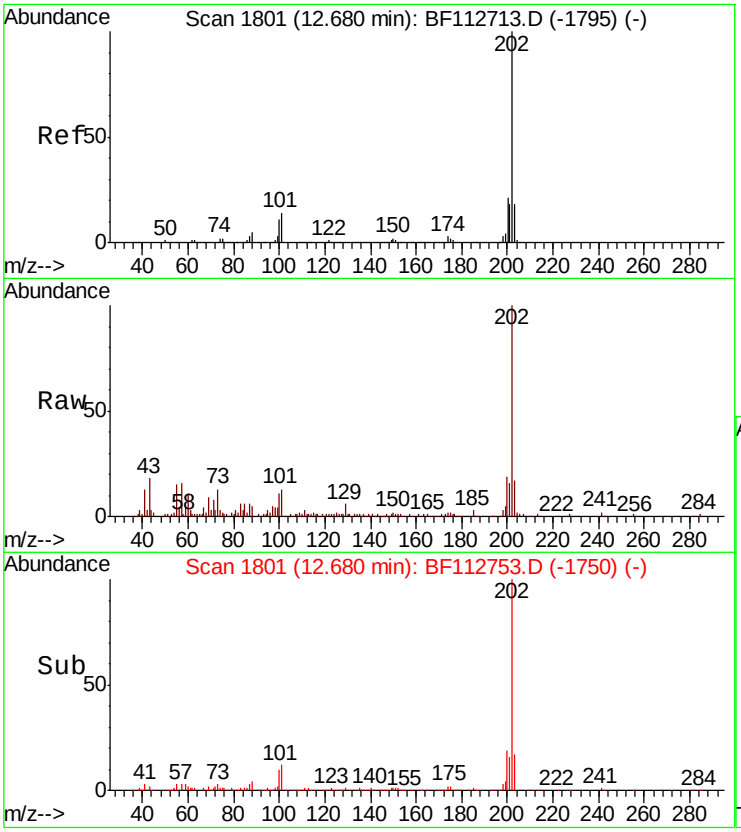


#77
Benzidine
Concen: 0.056 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:184 Resp: 1273

Ion	Ratio	Lower	Upper
184	100		
185	7339.4	12.6	18.8#
183	123.6	8.6	12.8#



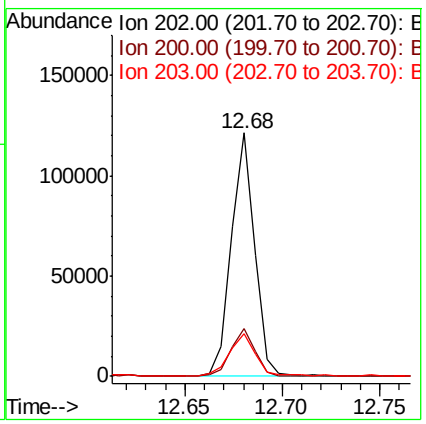


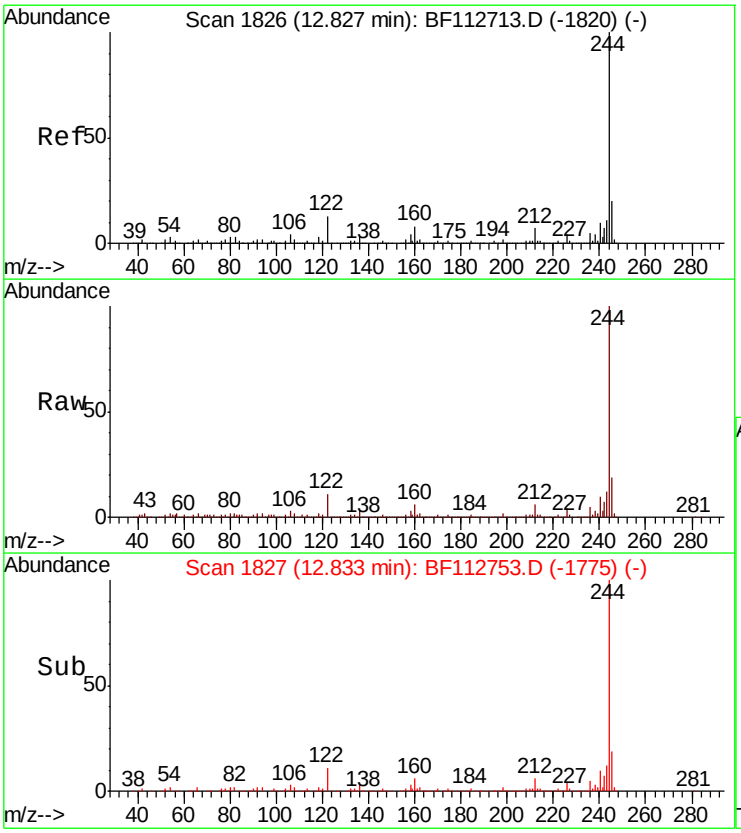
#78
Pyrene
Concen: 2.725 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:202 Resp: 100507

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.5	14.4	21.6

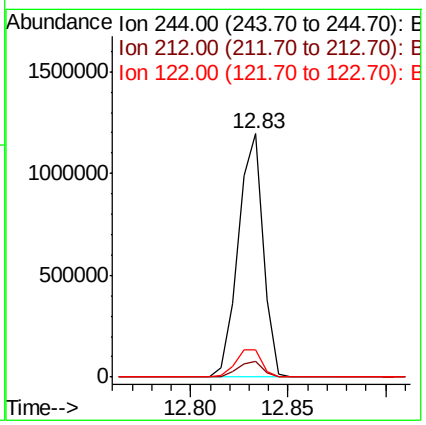


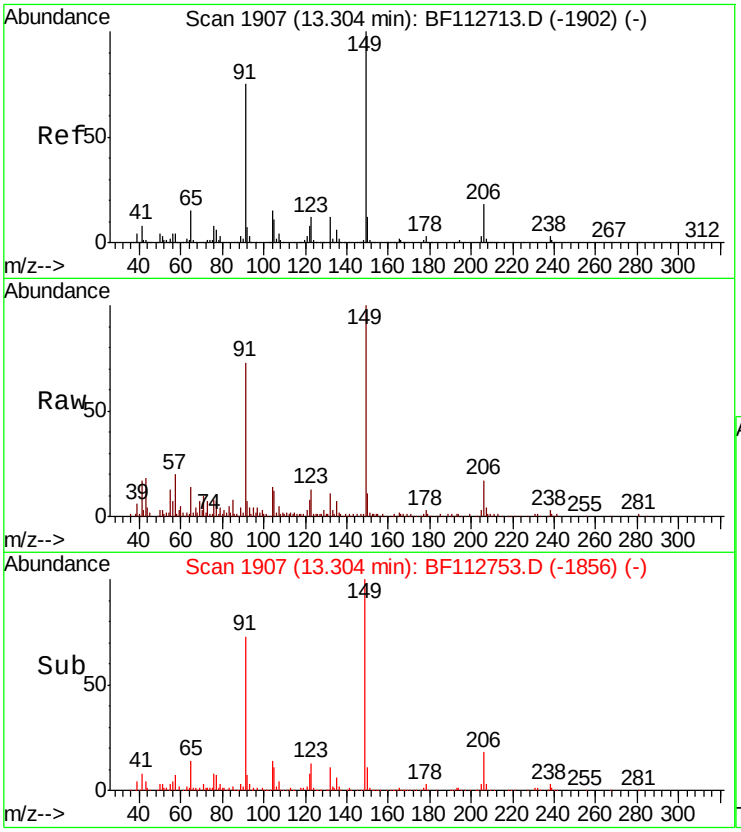


#79
Terphenyl-d14
Concen: 46.892 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:244 Resp: 1058324

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.0	10.5	15.7



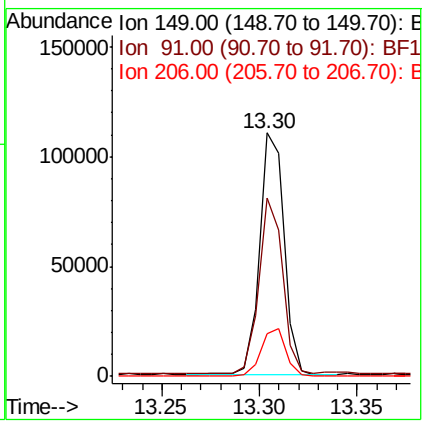


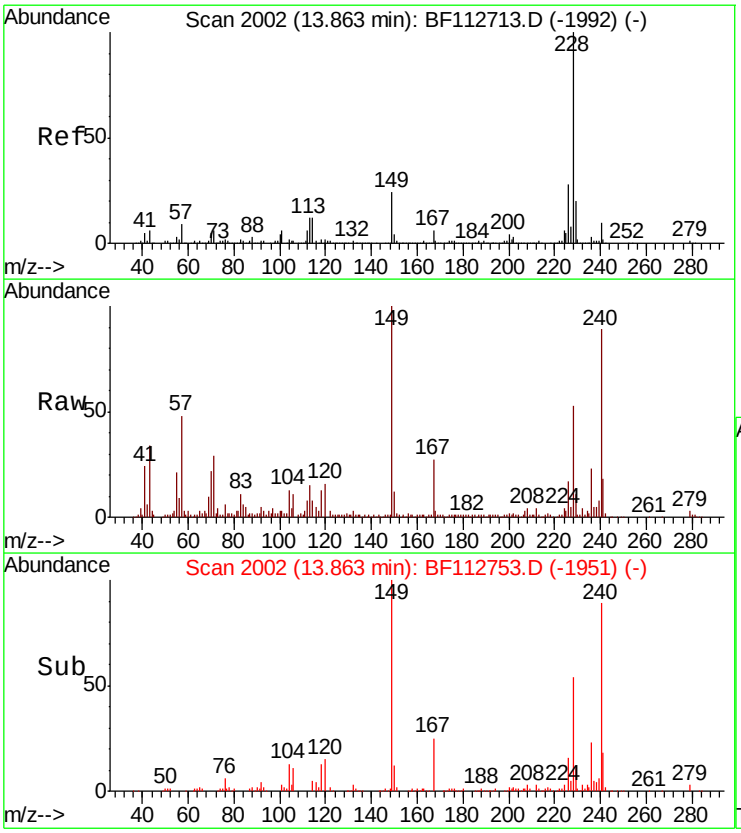
#80
Butylbenzylphthalate
Concen: 5.847 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:149 Resp: 95196

Ion	Ratio	Lower	Upper
149	100		
91	73.5	59.9	89.9
206	17.4	14.7	22.1

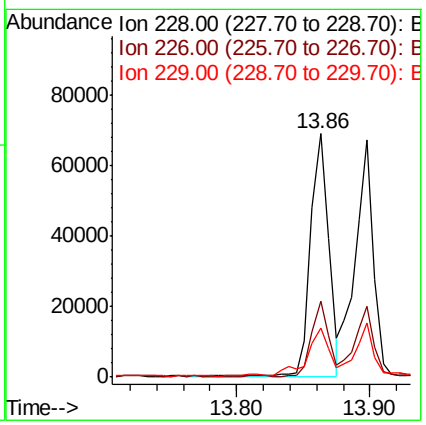


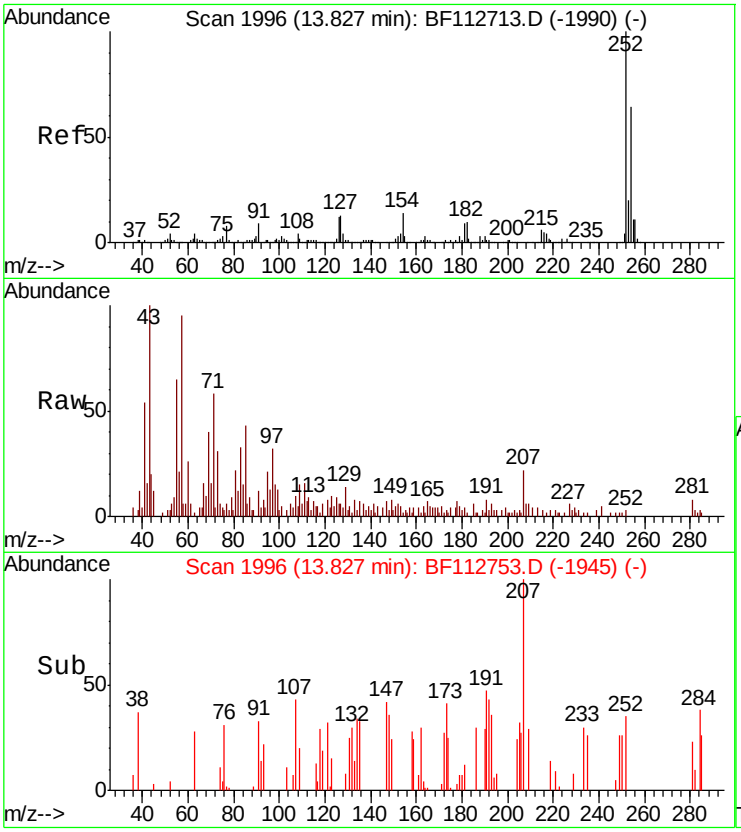


#81
Benzo(a)anthracene
Concen: 2.158 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:228 Resp: 65438

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.2	33.4
229	20.2	16.0	24.0



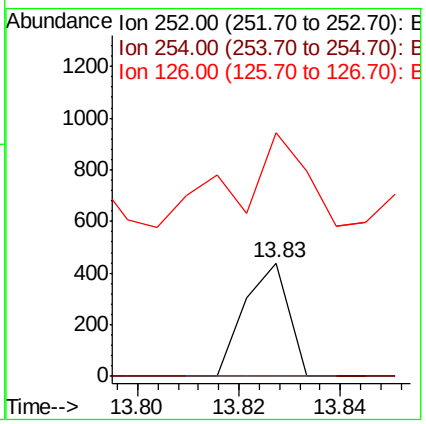


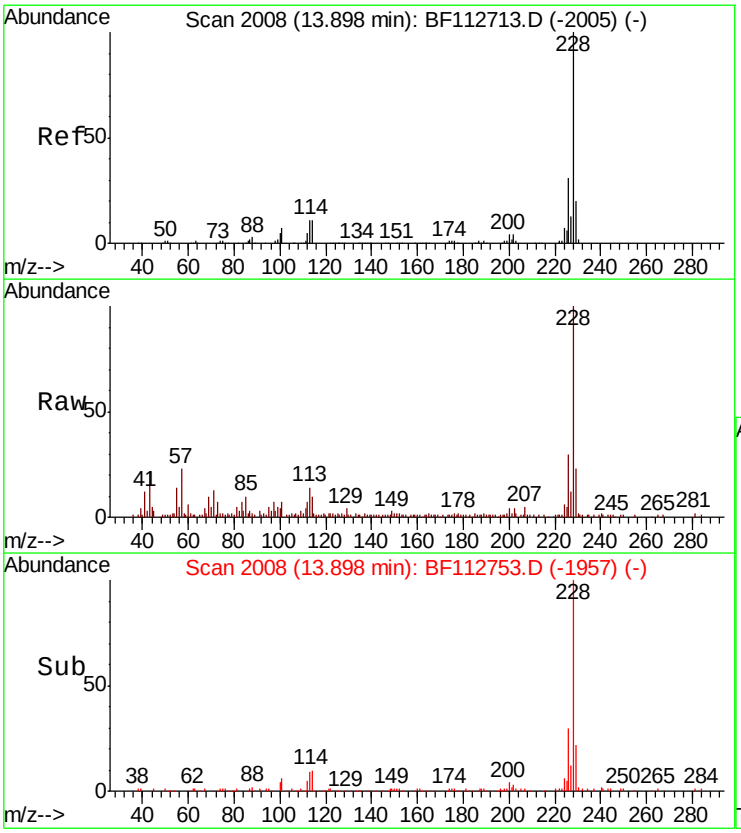
#82
3,3'-Dichlorobenzidine
Concen: 0.023 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:252 Resp: 261

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	215.3	9.9	14.9#

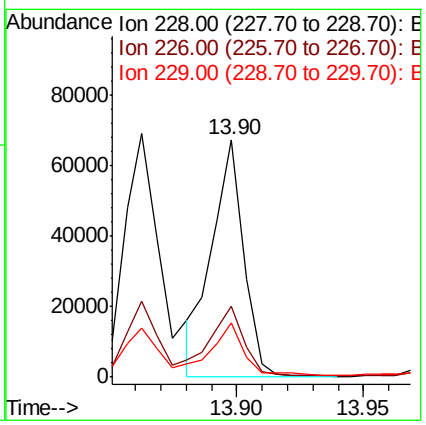


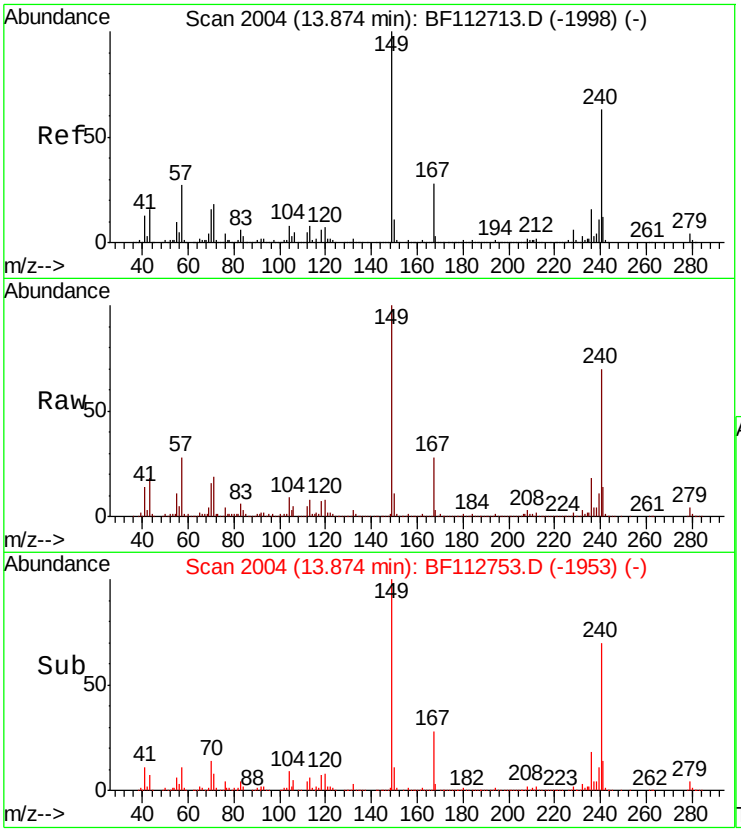


#83
Chrysene
Concen: 2.009 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:228 Resp: 59684

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.6	16.3	24.5



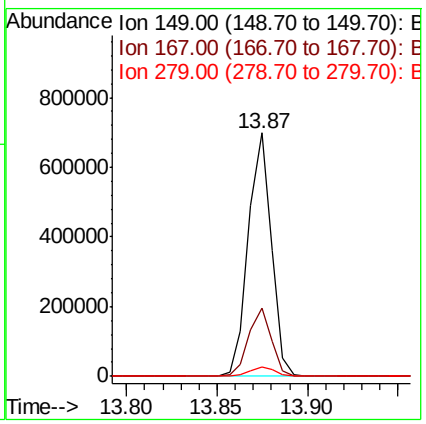


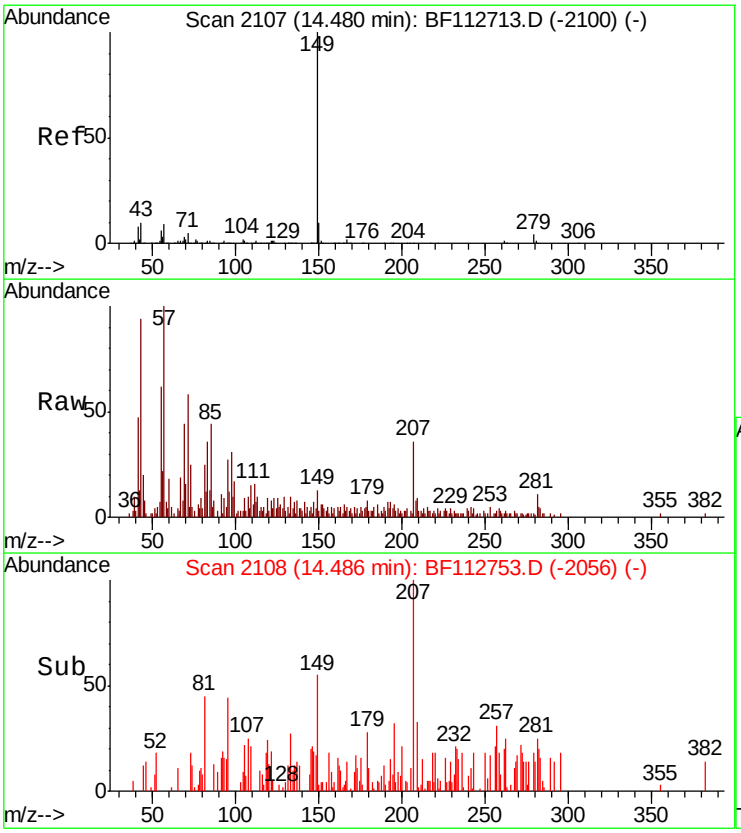
#84
Bis(2-ethylhexyl)phthalate
Concen: 32.248 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:149 Resp: 615808

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	3.7	3.3	4.9

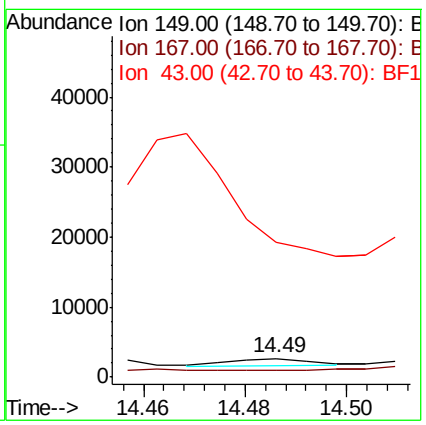


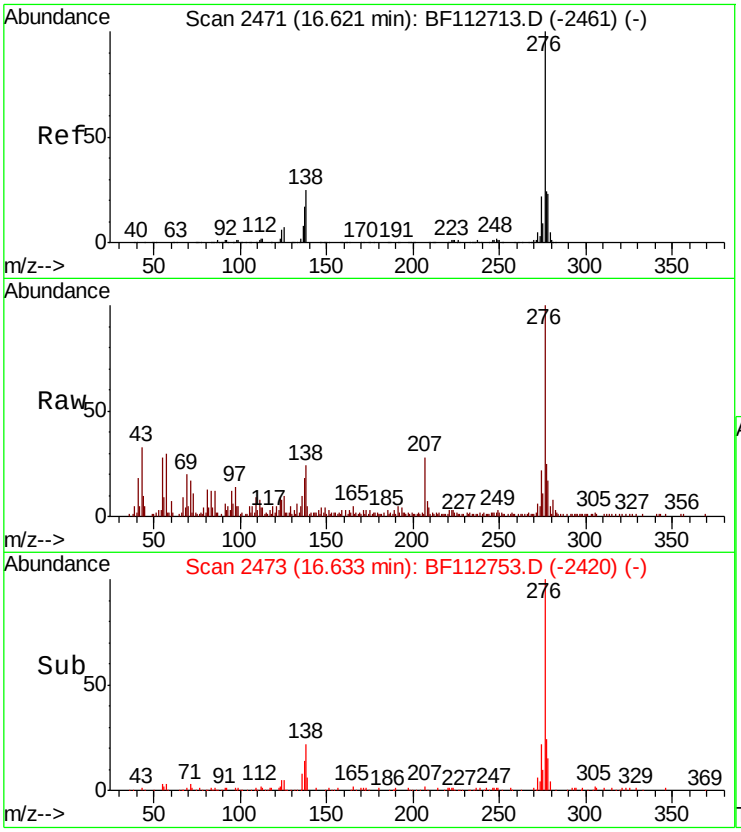


#85
Di-n-octyl phthalate
Concen: 0.036 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:149 Resp: 1187

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	2476.9	9.0	13.4#



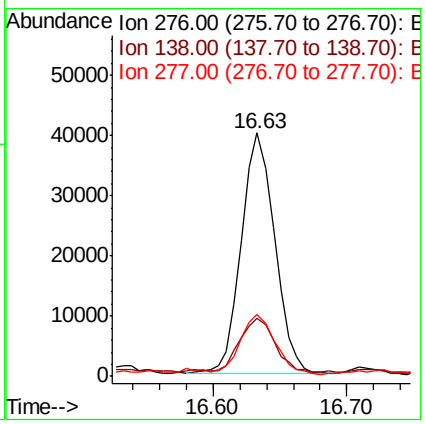


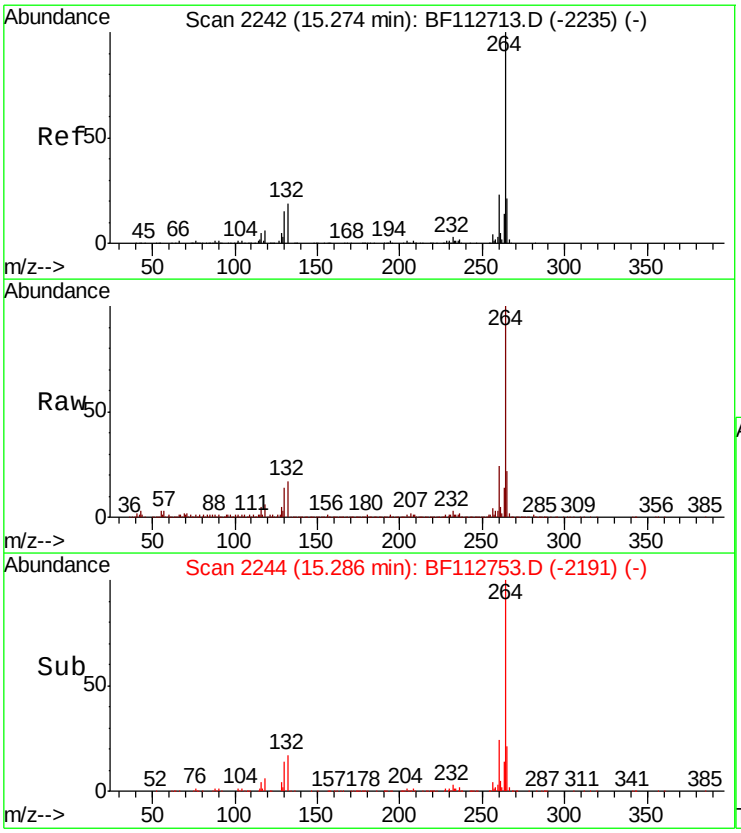
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.745 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:276 Resp: 69514

Ion	Ratio	Lower	Upper
276	100		
138	22.8	23.2	34.8#
277	25.8	19.9	29.9

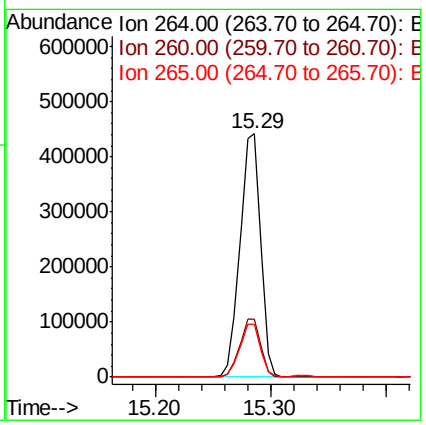


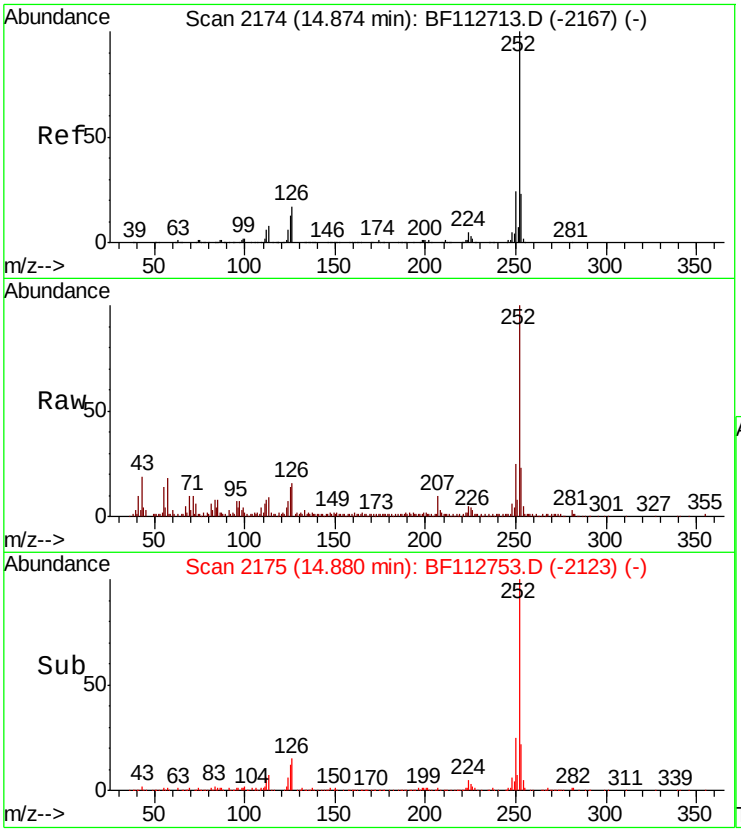


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:264 Resp: 548054

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.6	17.2	25.8



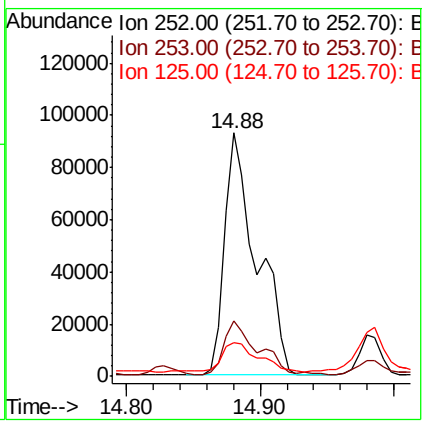


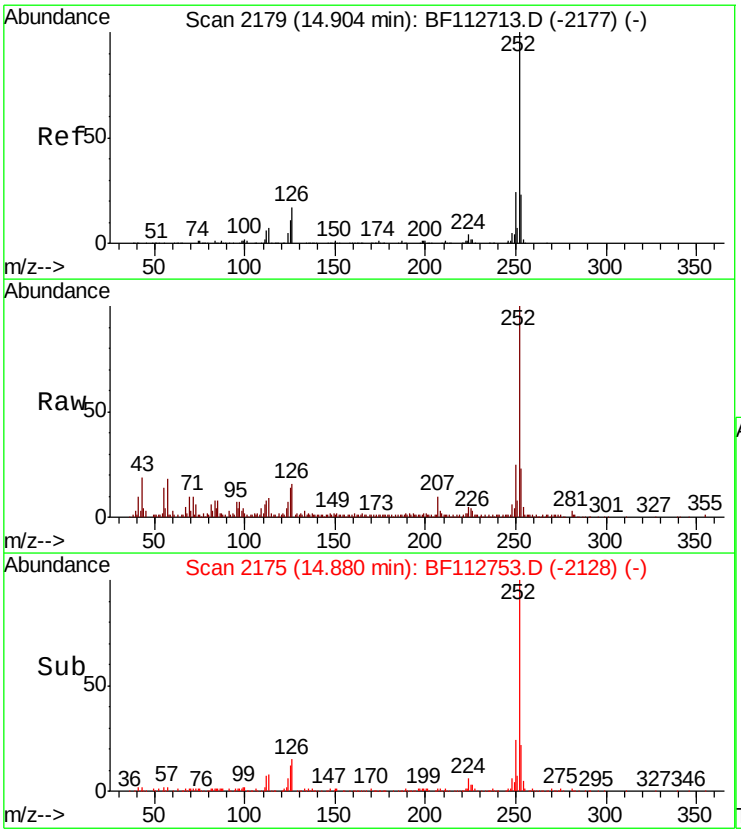
#88
Benzo(b)fluoranthene
Concen: 4.419 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:252 Resp: 156652

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.8	10.2	15.2

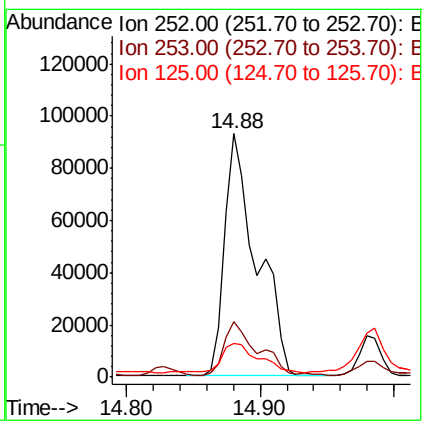


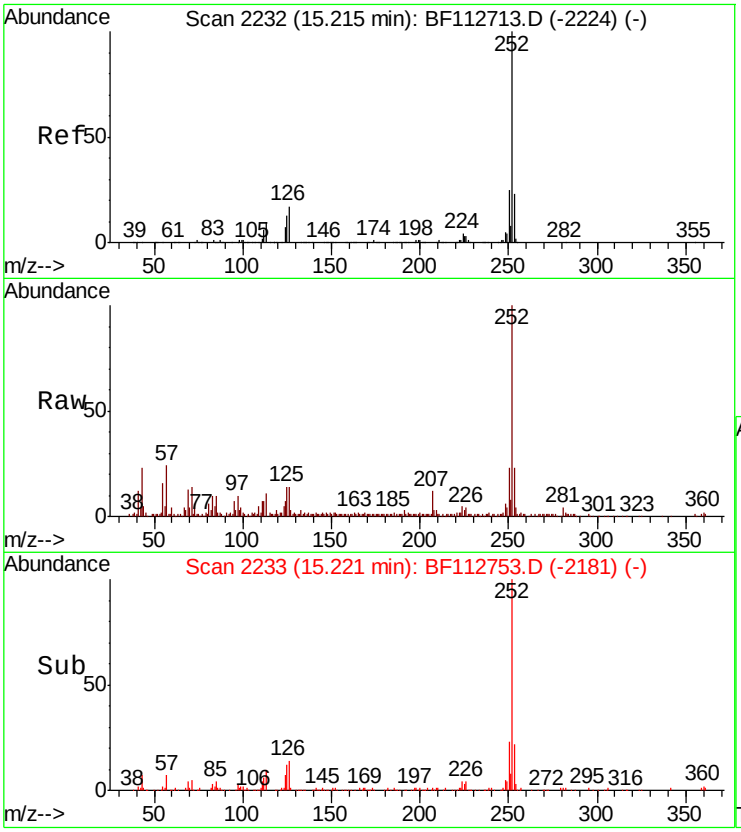


#89
Benzo(k)fluoranthene
Concen: 4.879 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:252 Resp: 156652

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.8	9.8	14.6



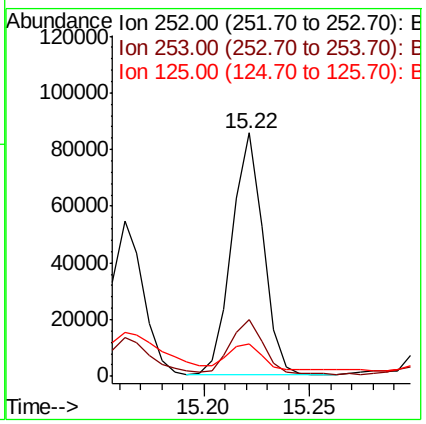


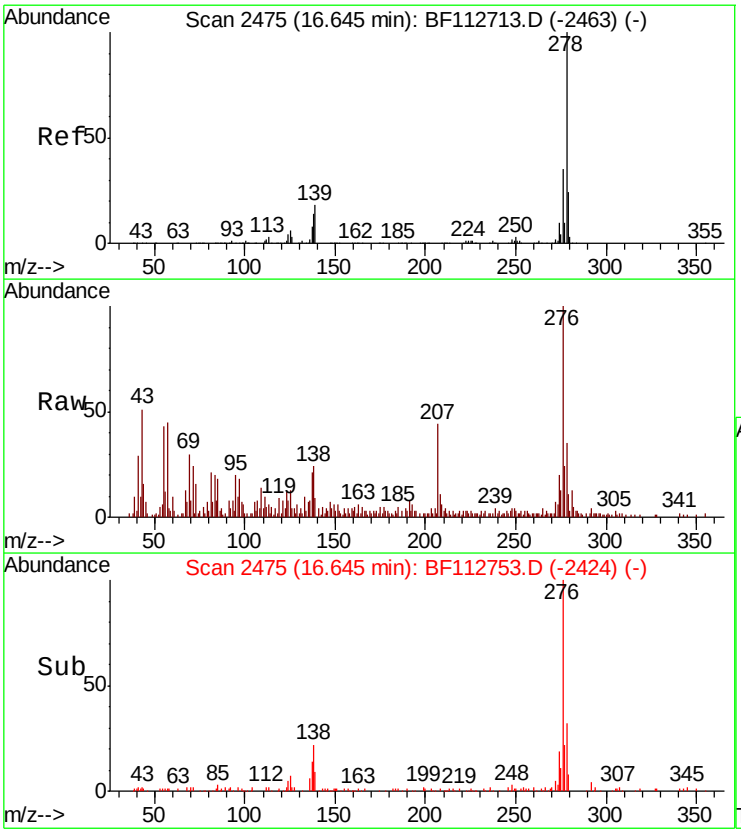
#90
Benzo(a)pyrene
Concen: 2.787 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:252 Resp: 87375

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.5	10.7	16.1

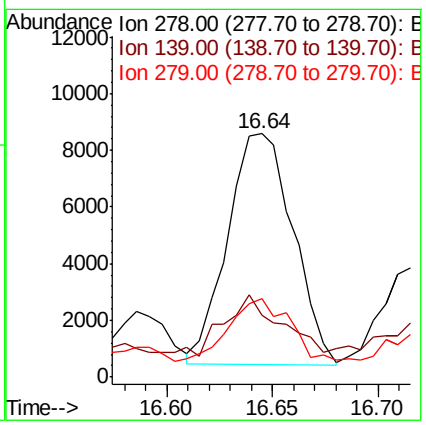


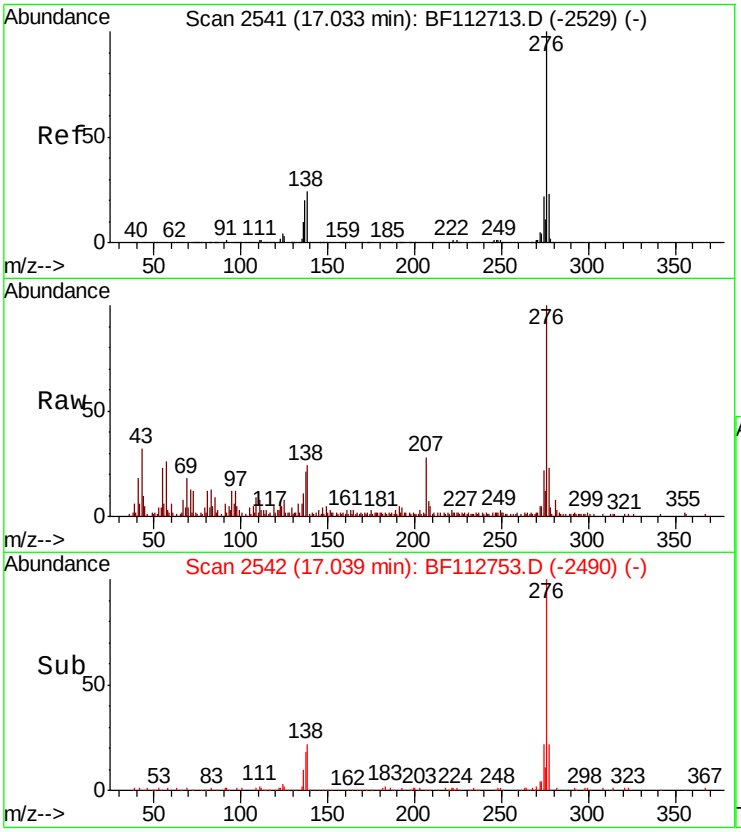


#91
Dibenzo(a,h)anthracene
Concen: 0.655 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:278 Resp: 17514

Ion	Ratio	Lower	Upper
278	100		
139	25.6	14.3	21.5#
279	32.3	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 2.704 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion:276 Resp: 72637

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	23.8	19.4	29.0