Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112764.D
Acq On : 28 Feb 2019 16:03
Operator : JU/SJ
Sample : K1341-13 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022719-A

Quant Time: Mar 01 04:48:16 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	188842	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	706603	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	311696	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	616503	20.00	ng		0.00
76) Chrysene-d12	13.88	240	490701	20.00	ng		0.00
87) Perylene-d12	15.29	264	357078	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	213319	17.57	ng		0.00
7) Phenol-d6	6.37	99	289923	19.01	ng		0.00
23) Nitrobenzene-d5	7.30	82	147035	12.45	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	69858	21.11	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	279721	2.62	ng		0.00
79) Terphenyl-d14	12.83	244	309193	12.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	306	0.050	ng	#	19
4) n-Nitrosodimethylamine	3.09	42	4051	0.569	ng	#	1
6) Aniline	6.51	93	334	0.016	ng	#	1
9) Benzaldehyde	6.37	77	385	0.035	ng	#	1
10) Phenol	6.38	94	4289	0.241	ng		83
11) bis(2-Chloroethyl)ether	6.51	93	334	0.024	ng	#	1
15) Benzyl Alcohol	6.90	79	2873	0.247	ng	#	53
18) Hexachloroethane	7.28	117	847	0.158	ng	#	5
19) n-Nitroso-di-n-propylamine	7.30	70	19492	2.018	ng	#	77
22) Acetophenone	7.15	105	2161	0.131	ng	#	50
24) Nitrobenzene	7.29	77	1107	0.084	ng	#	27
25) Isophorone	7.30	82	143155	5.627	ng	#	66
27) 2,4-Dimethylphenol	7.73	122	251	0.025	ng	#	4
28) bis(2-Chloroethoxy)methane	7.62	93	263	0.017	ng	#	22
29) 2,4-Dichlorophenol	7.99	162	122	0.012	ng	#	8
31) Naphthalene	8.05	128	21192	0.604	ng		99
32) Benzoic acid	7.73	122	251	0.035	ng		97
33) 4-Chloroaniline	8.05	127	2685	0.181	ng	#	32
35) Caprolactam	8.46	113	690	0.198	ng	#	1
36) 4-Chloro-3-methylphenol	8.50	107	250	0.023	ng	#	20
37) 2-Methylnaphthalene	8.74	142	13752	0.607	ng		96
38) 1-Methylnaphthalene	8.84	142	12596	0.574	ng		97
46) 1,1'-Biphenyl	9.20	154	5407	0.213	ng		90
47) 2-Chloronaphthalene	9.27	162	230	0.012	ng	#	37
48) 2-Nitroaniline	9.30	65	219	0.036	ng	#	4
49) Acenaphthylene	9.63	152	13520	0.401	ng		97
50) Dimethylphthalate	9.49	163	20465	0.890	ng	#	98
51) 2,6-Dinitrotoluene	9.77	165	41234	8.616	ng	#	18
52) Acenaphthene	9.81	154	30912	1.568	ng		96
53) 3-Nitroaniline	9.49	138	108	0.019	ng	#	1
55) Dibenzofuran	9.98	168	24442	0.853	ng		91
56) 4-Nitrophenol	9.80	139	393	0.083	ng	#	49
57) 2,4-Dinitrotoluene	10.10	165	1471	0.247	ng	#	53
58) Fluorene	10.32	166	42623	2.097	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112764.D
Acq On : 28 Feb 2019 16:03
Operator : JU/SJ
Sample : K1341-13 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-022719-A

Quant Time: Mar 01 04:48:16 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)
60) Diethylphthalate	10.19	149	1095	0.045	ng	#	60
61) 4-Chlorophenyl-phenylether	10.15	204	390	0.041	ng	#	51
62) 4-Nitroaniline	10.32	138	595	0.110	ng	#	20
63) Azobenzene	10.48	77	581	0.023	ng	#	1
66) n-Nitrosodiphenylamine	10.43	169	1982	0.100	ng	#	84
67) 4-Bromophenyl-phenylether	10.56	248	4129	0.636	ng	#	1
69) Atrazine	10.95	200	110	0.018	ng	#	35
71) Phenanthrene	11.27	178	438543	14.297	ng		98
72) Anthracene	11.33	178	123324	3.841	ng		98
73) Carbazole	11.48	167	50570	1.615	ng		98
74) Di-n-butylphthalate	11.82	149	1467	0.039	ng	#	55
75) Fluoranthene	12.46	202	684635	20.833	ng		96
77) Benzidine	12.62	184	430	0.017	ng	#	1
78) Pyrene	12.69	202	625944	15.131	ng		98
80) Butylbenzylphthalate	13.30	149	624	0.034	ng	#	18
81) Benzo(a)anthracene	13.87	228	264581	7.780	ng		98
82) 3,3'-Dichlorobenzidine	13.81	252	1474	0.115	ng	#	61
83) Chrysene	13.90	228	233530	7.010	ng		96
84) Bis(2-ethylhexyl)phthalate	13.87	149	3632	0.170	ng	#	70
85) Di-n-octyl phthalate	14.51	149	1053	0.029	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.66	276	95902	3.377	ng	#	92
88) Benzo(b)fluoranthene	14.89	252	309101	13.383	ng		97
89) Benzo(k)fluoranthene	14.89	252	309101	14.775	ng		97
90) Benzo(a)pyrene	15.23	252	164244	8.040	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	23355	1.340	ng	#	71
92) Benzo(g,h,i)perylene	17.06	276	90272	5.157	ng		96

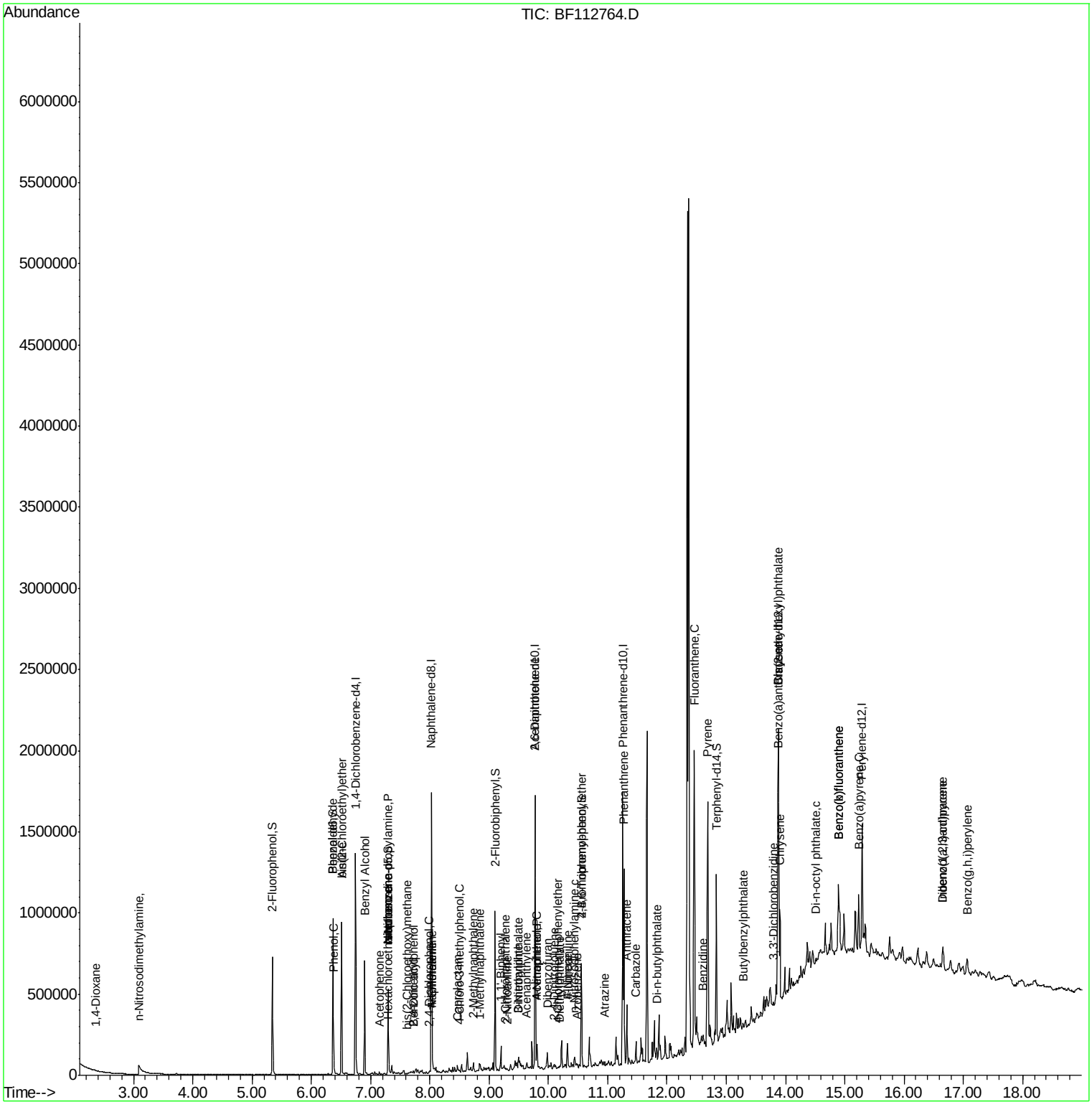
(#) = qualifier out of range (m) = manual integration (+) = signals summed

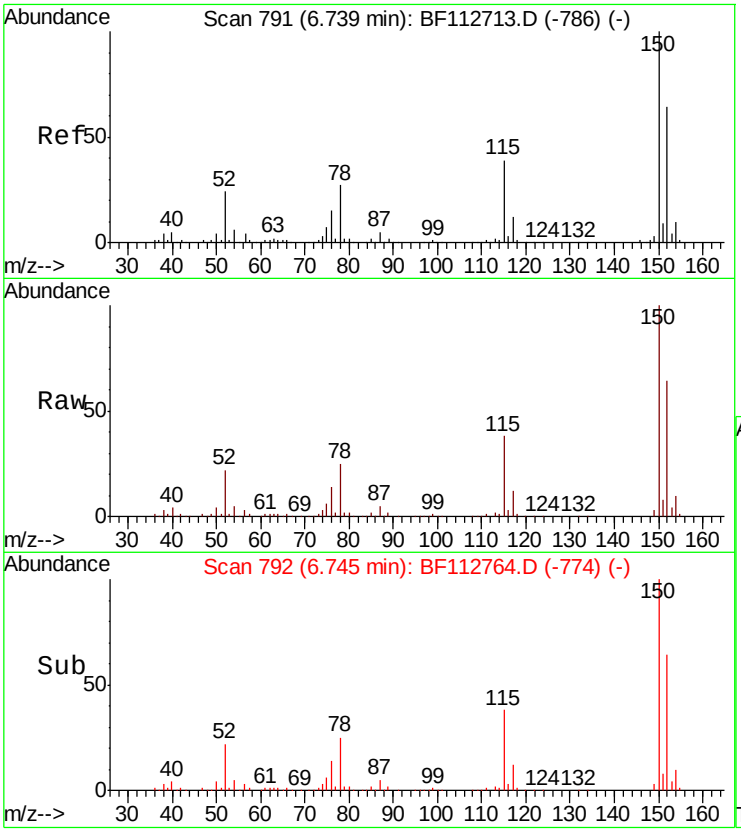
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112764.D
Acq On : 28 Feb 2019 16:03
Operator : JU/SJ
Sample : K1341-13 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Quant Time: Mar 01 04:48:16 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



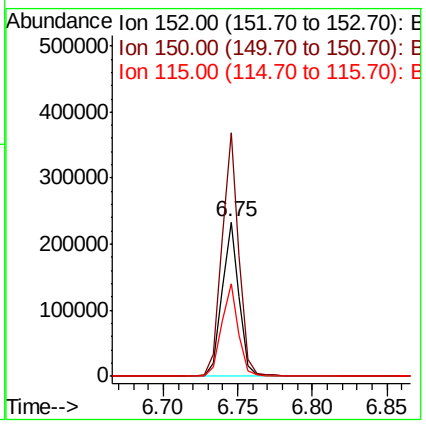


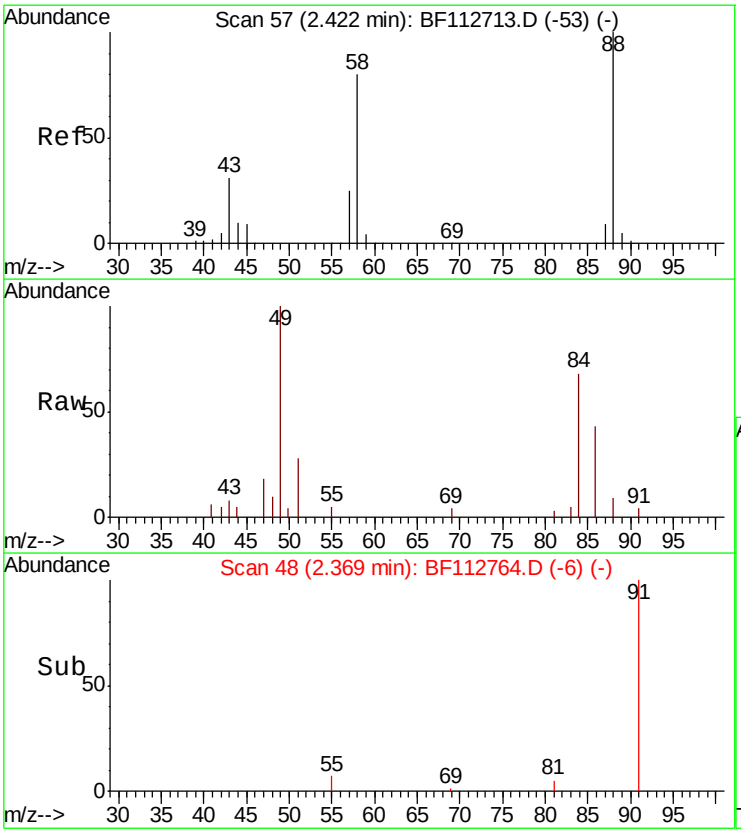
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:152 Resp: 188842

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	59.8	48.2	72.4

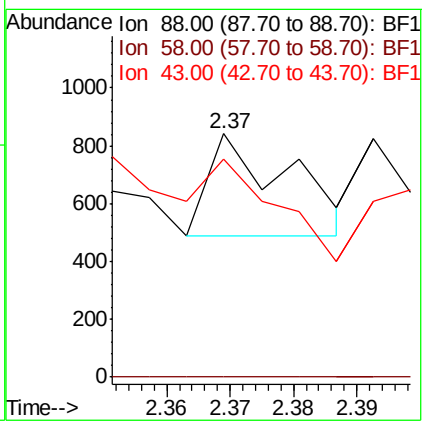


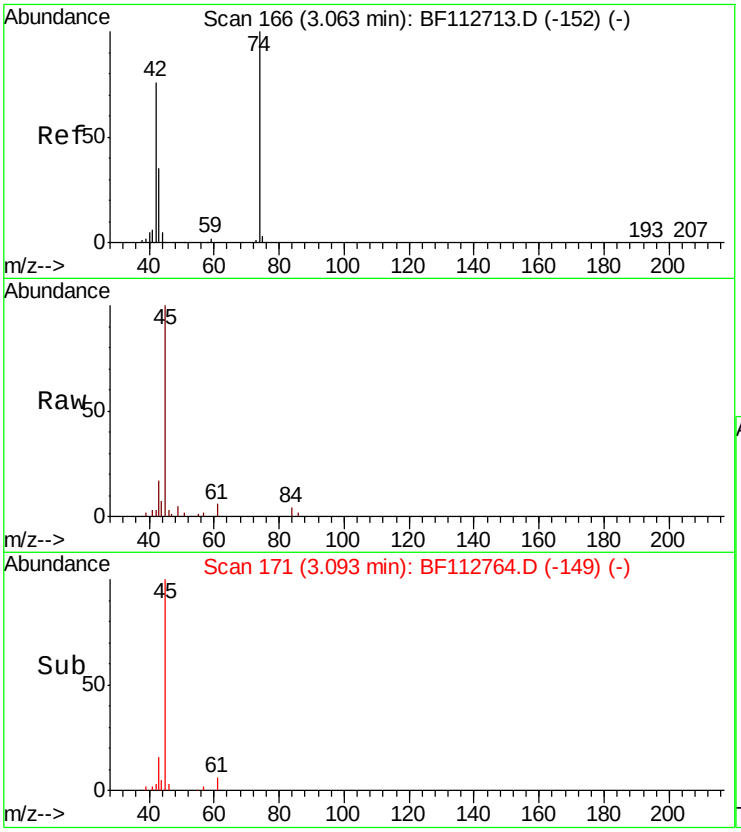


#2
1,4-Dioxane
Concen: 0.050 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.05 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 88 Resp: 306

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



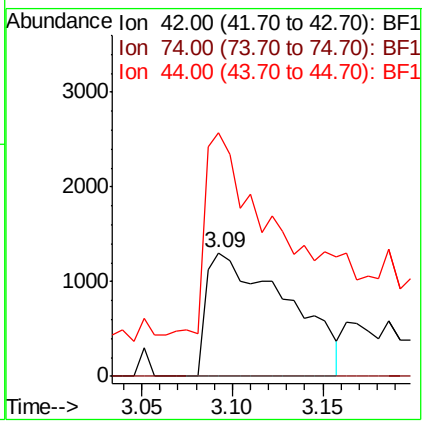


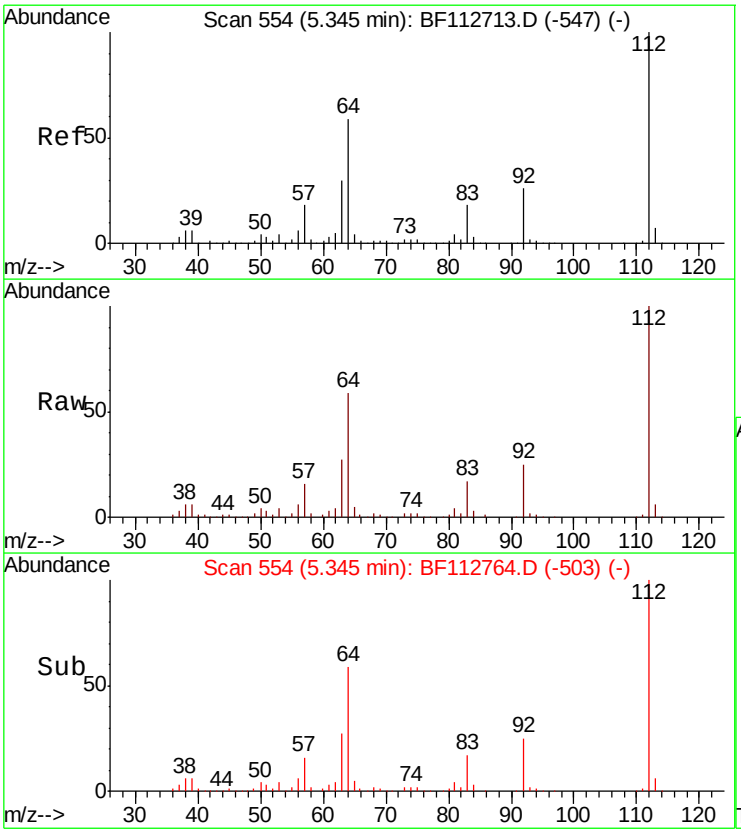
#4
n-Nitrosodimethylamine
Concen: 0.569 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.03 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 42 Resp: 4051

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	196.5	6.2	9.2#

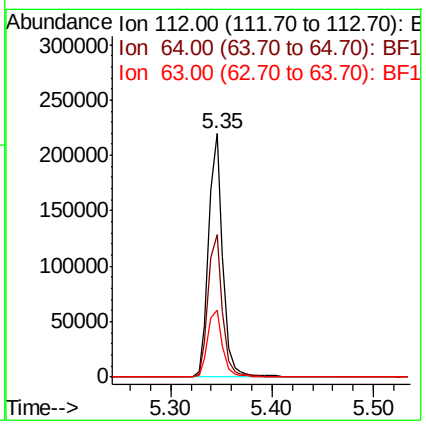


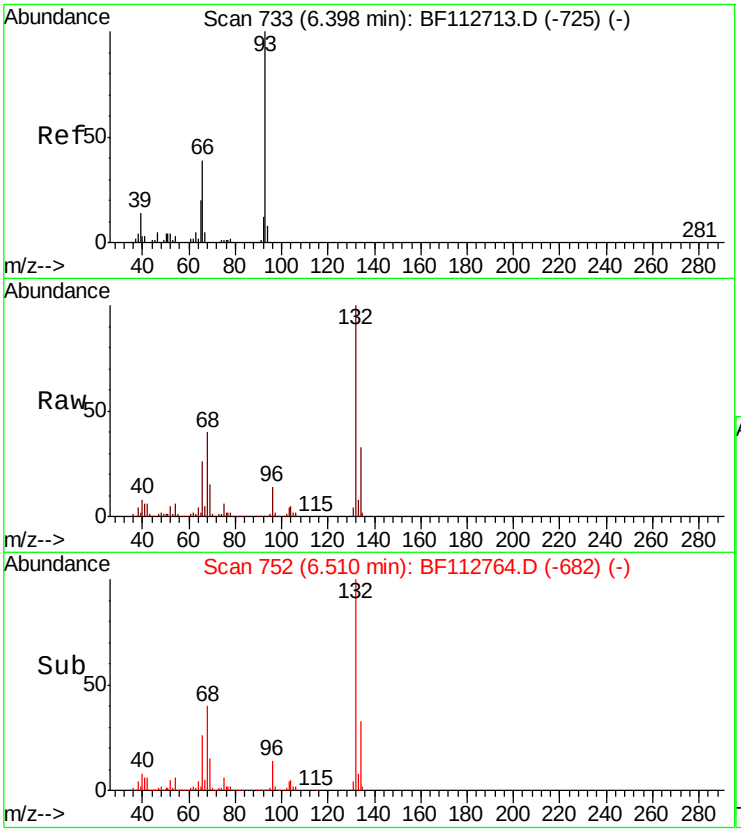


#5
2-Fluorophenol
Concen: 17.572 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:112 Resp: 213319

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.6	71.4
63	27.4	24.4	36.6



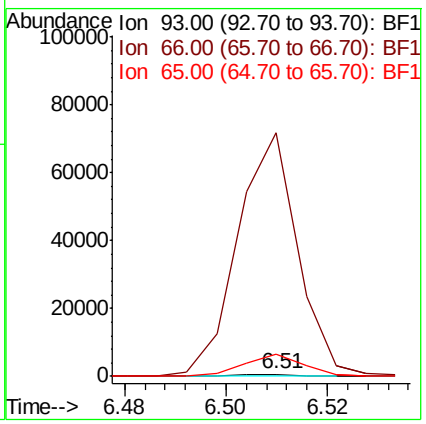


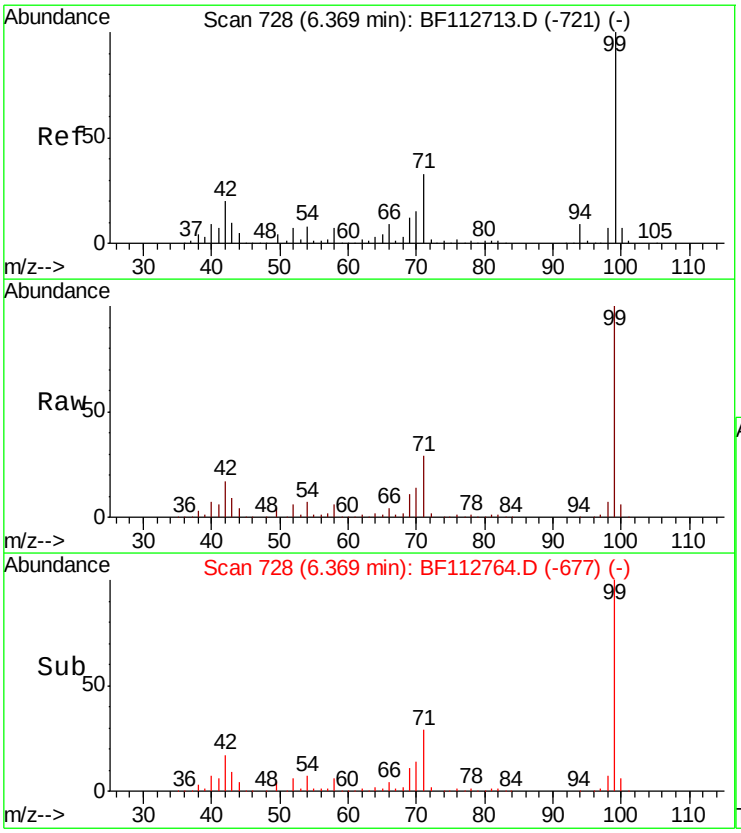
#6
Aniline
Concen: 0.016 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.11 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 93 Resp: 334

Ion	Ratio	Lower	Upper
93	100		
66	12589.5	32.2	48.2#
65	1127.5	16.2	24.4#

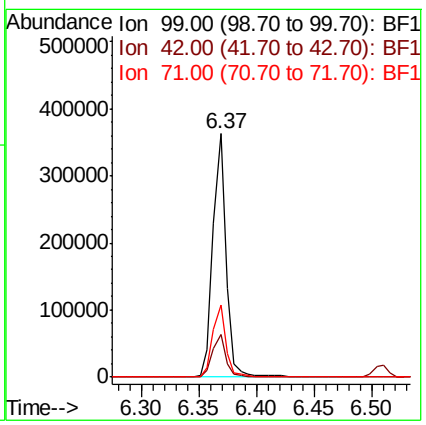


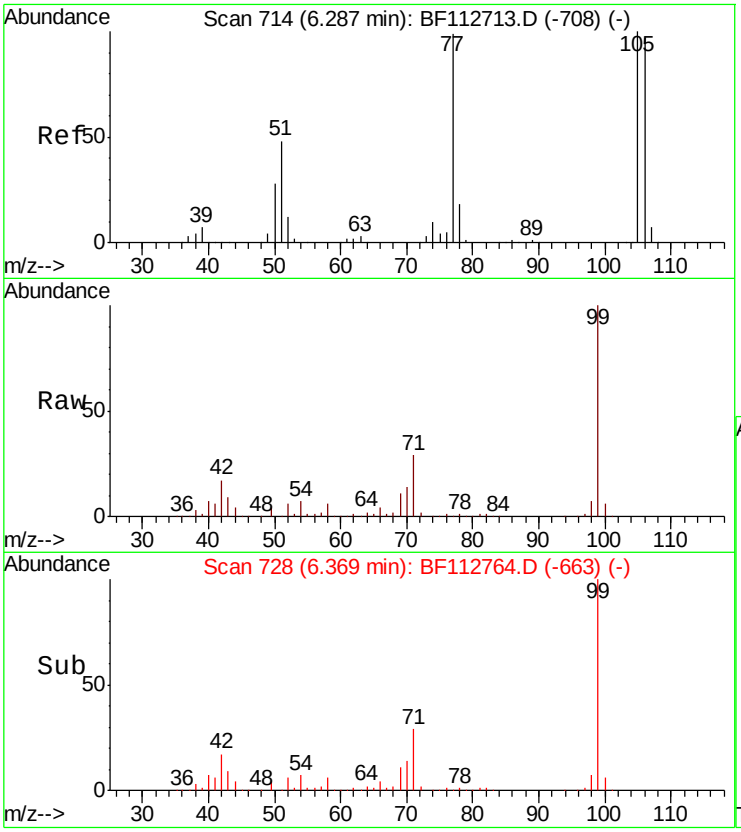


#7
Phenol-d6
Concen: 19.012 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 99 Resp: 289923

Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.3	24.5
71	29.4	26.2	39.4



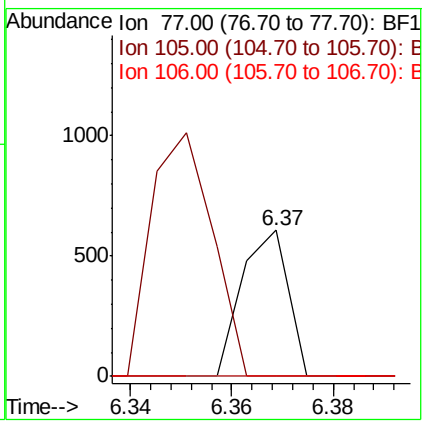


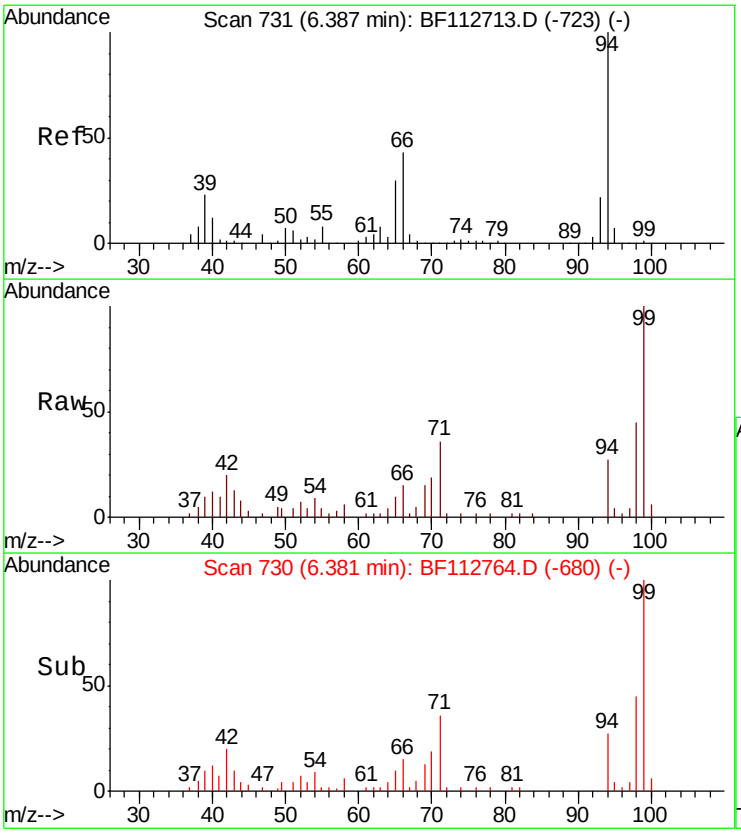
#9
Benzaldehyde
Concen: 0.035 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.08 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 77 Resp: 385

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

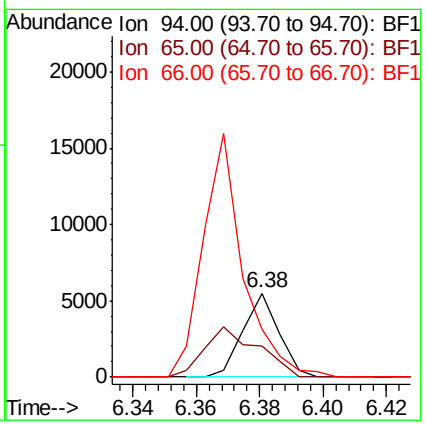


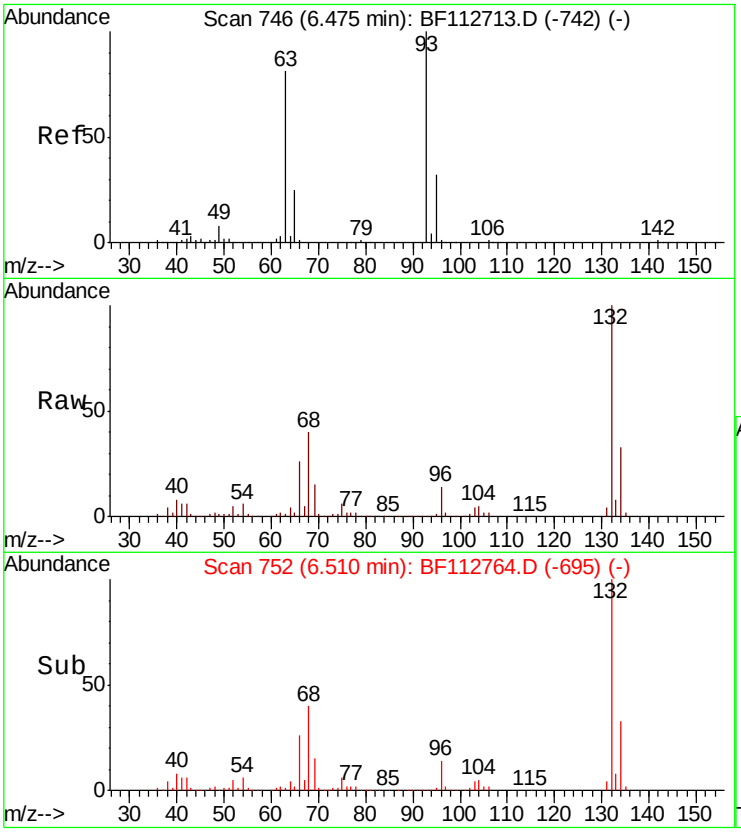


#10
Phenol
Concen: 0.241 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 94 Resp: 4289

Ion	Ratio	Lower	Upper
94	100		
65	36.5	10.5	50.5
66	56.6	22.6	62.6



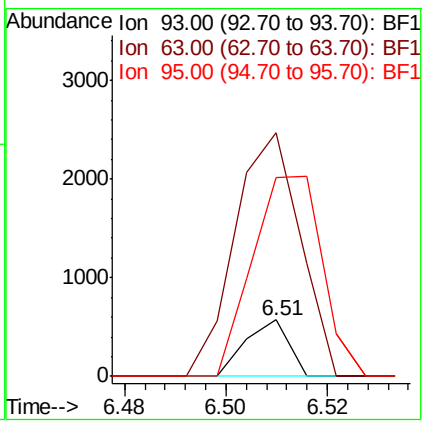


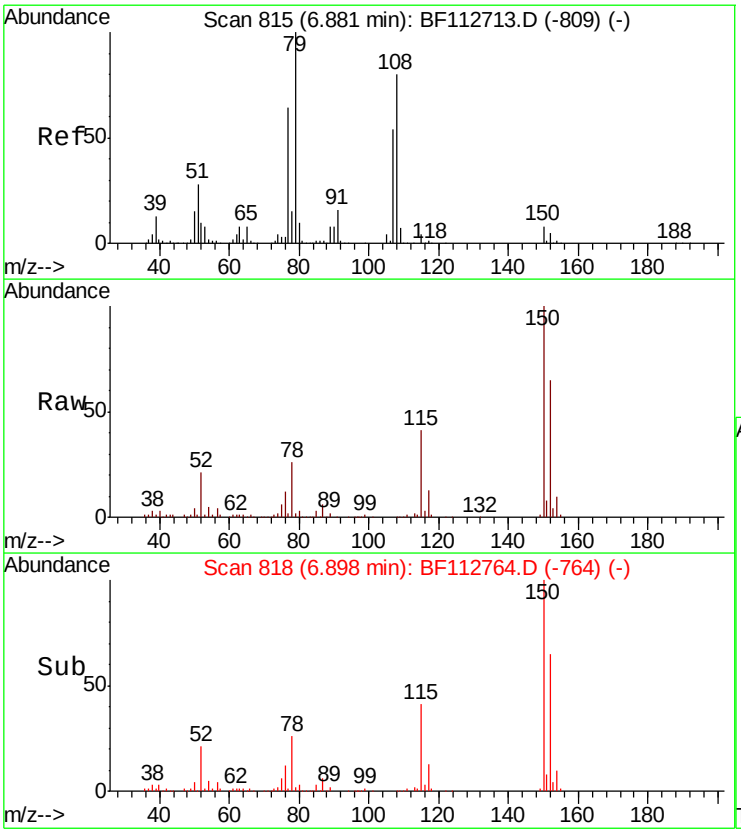
#11
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 93 Resp: 334

Ion	Ratio	Lower	Upper
93	100		
63	433.2	60.5	100.5#
95	354.2	12.1	52.1#

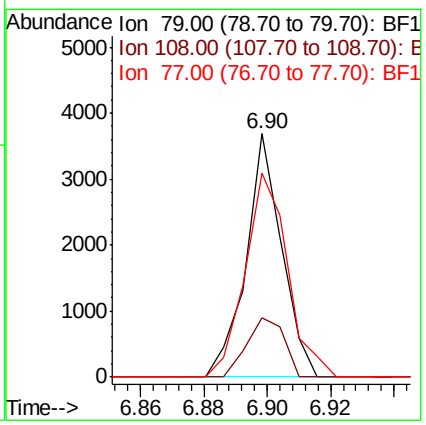


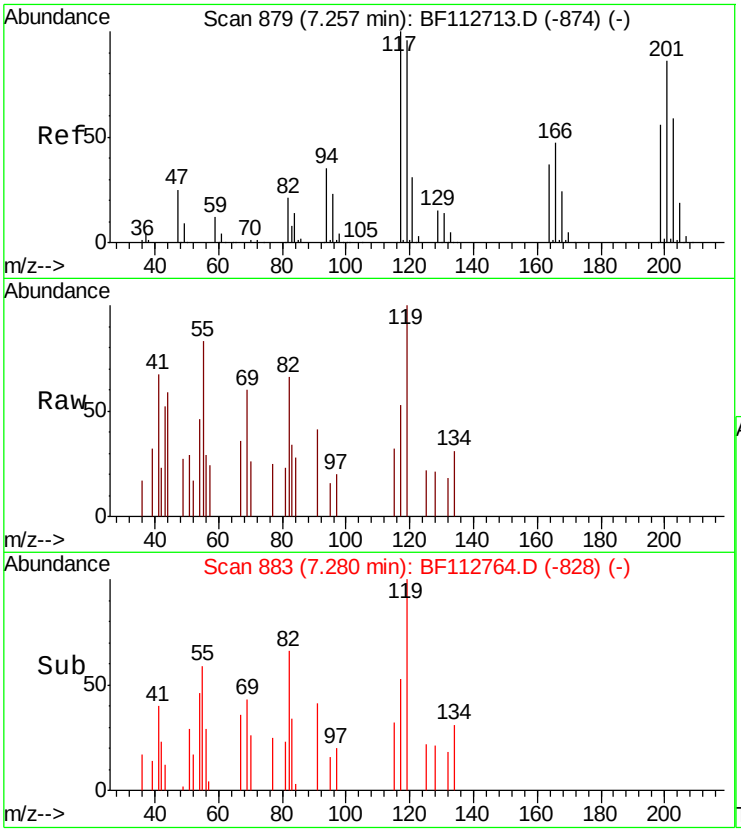


#15
Benzyl Alcohol
Concen: 0.247 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 79 Resp: 2873

Ion	Ratio	Lower	Upper
79	100		
108	24.1	64.2	96.4#
77	84.0	51.1	76.7#



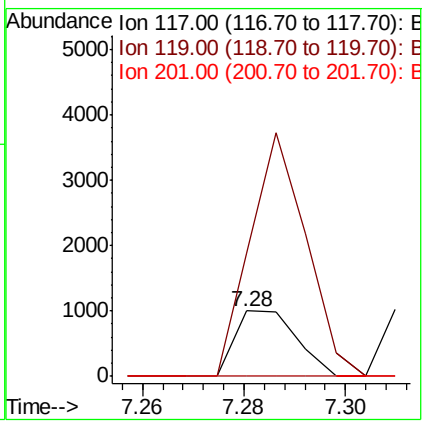


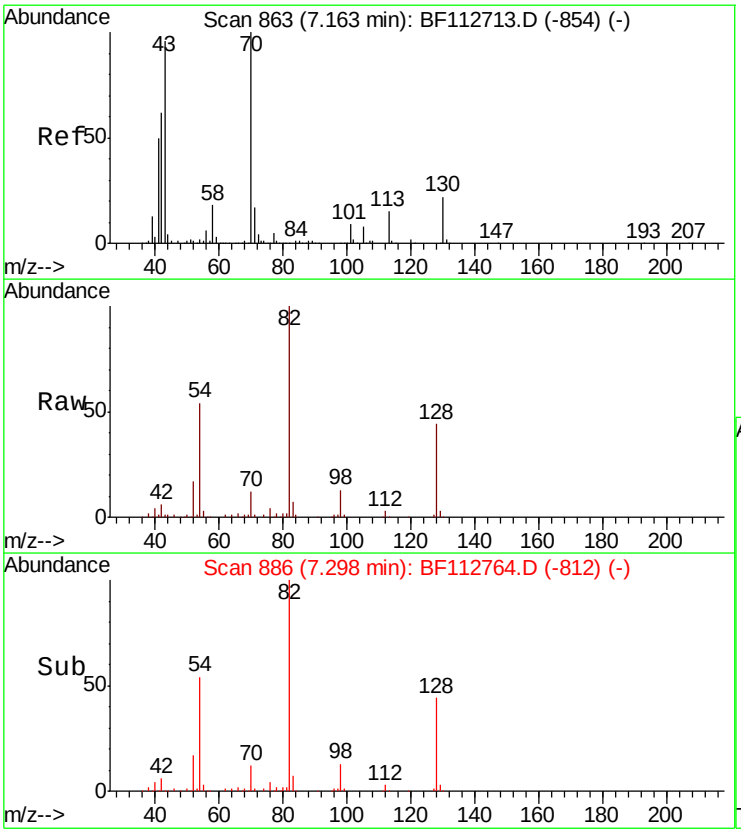
#18
Hexachloroethane
Concen: 0.158 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:117 Resp: 847

Ion	Ratio	Lower	Upper
117	100		
119	188.7	76.6	115.0#
201	0.0	68.9	103.3#

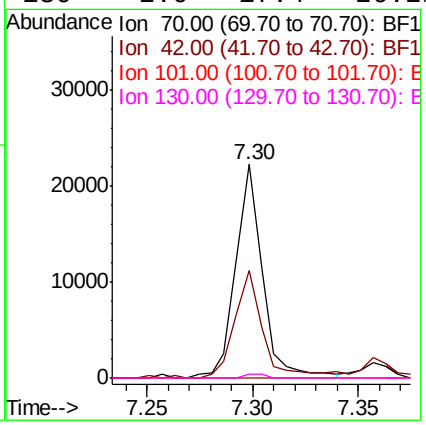


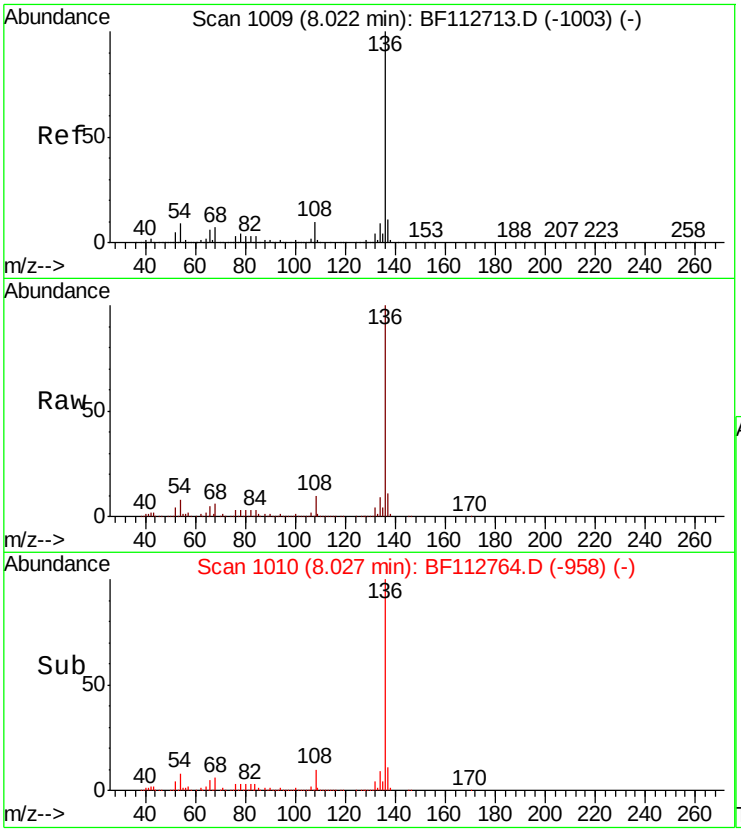


#19
n-Nitroso-di-n-propylamine
Concen: 2.018 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 70 Resp: 19492

Ion	Ratio	Lower	Upper
70	100		
42	50.3	49.9	74.9
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



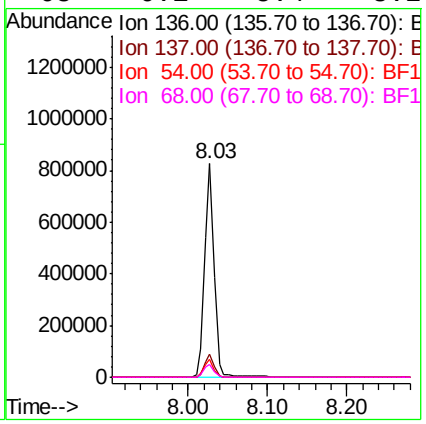


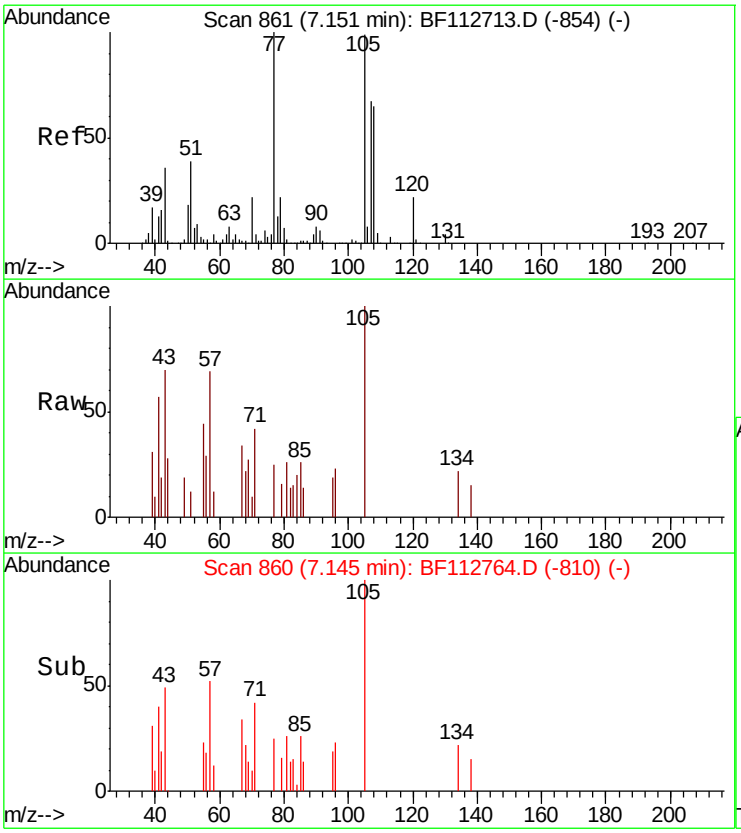
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:136 Resp: 706603

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	7.3	10.9
68	6.1	5.4	8.2

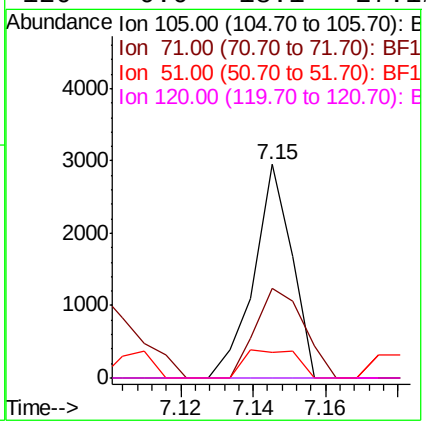


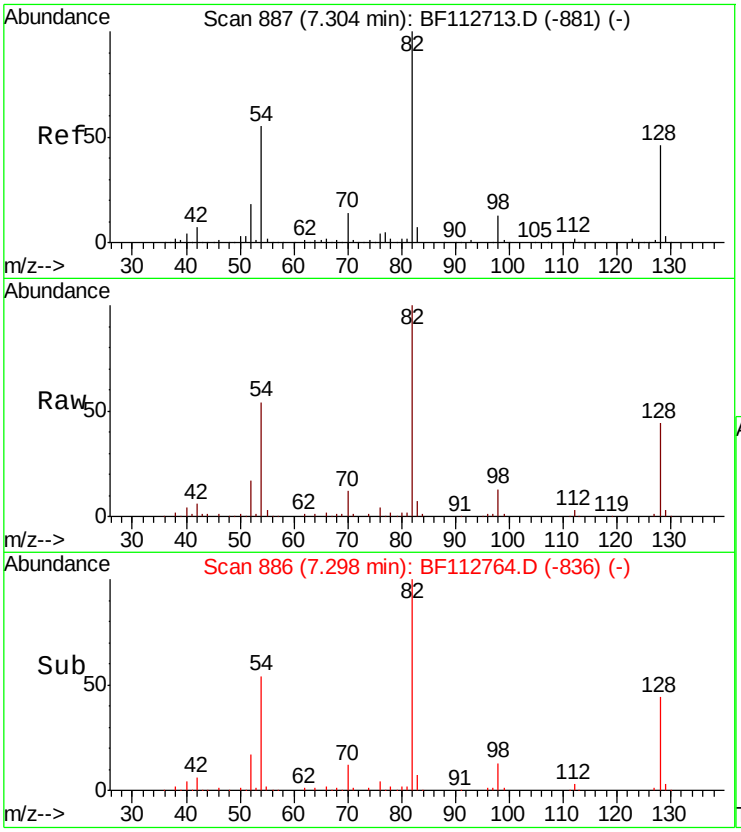


#22
Acetophenone
Concen: 0.131 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:105 Resp: 2161

Ion	Ratio	Lower	Upper
105	100		
71	42.0	3.0	4.4#
51	11.8	31.5	47.3#
120	0.0	18.1	27.1#



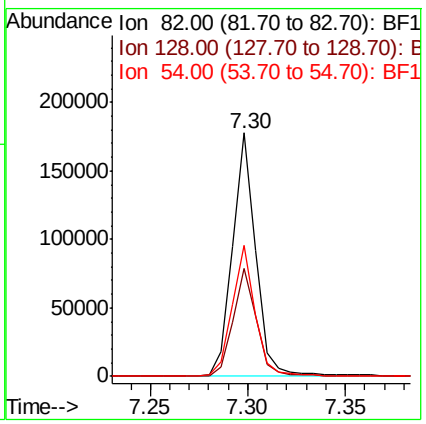


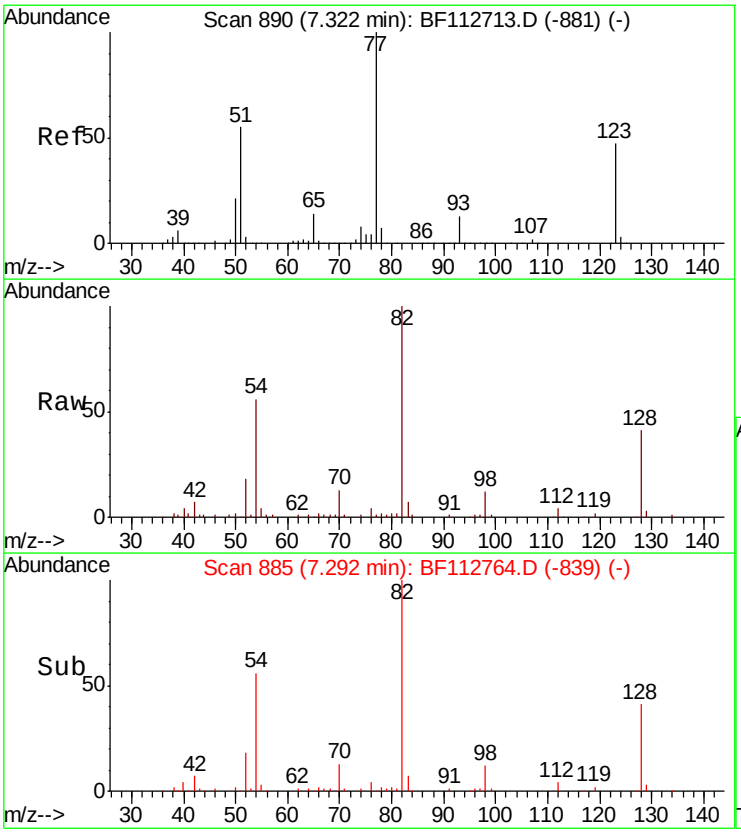
#23
Nitrobenzene-d5
Concen: 12.452 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument : BNA_F
ClientSampleId : OR-03-022719-A

Tgt Ion: 82 Resp: 147035

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.3	54.5
54	53.7	43.7	65.5

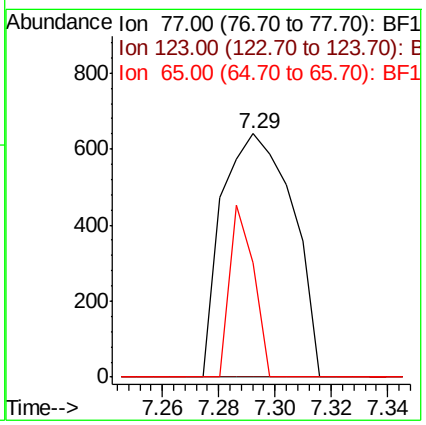


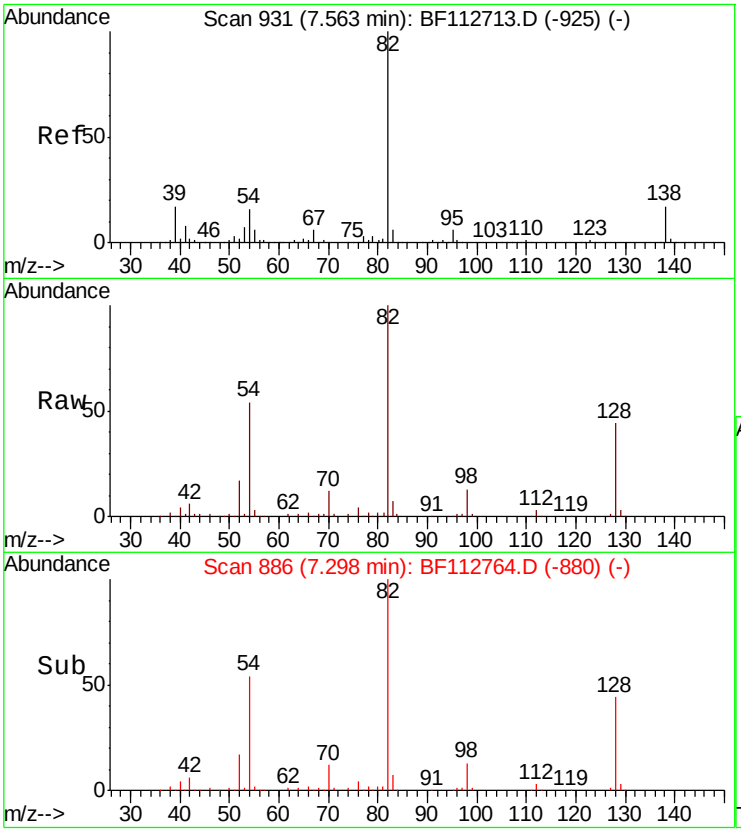


#24
Nitrobenzene
Concen: 0.084 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 77 Resp: 1107

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	47.1	11.1	16.7#



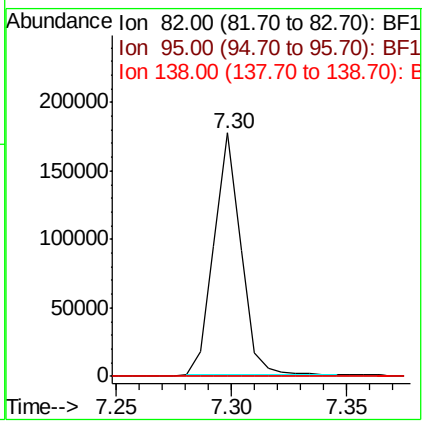


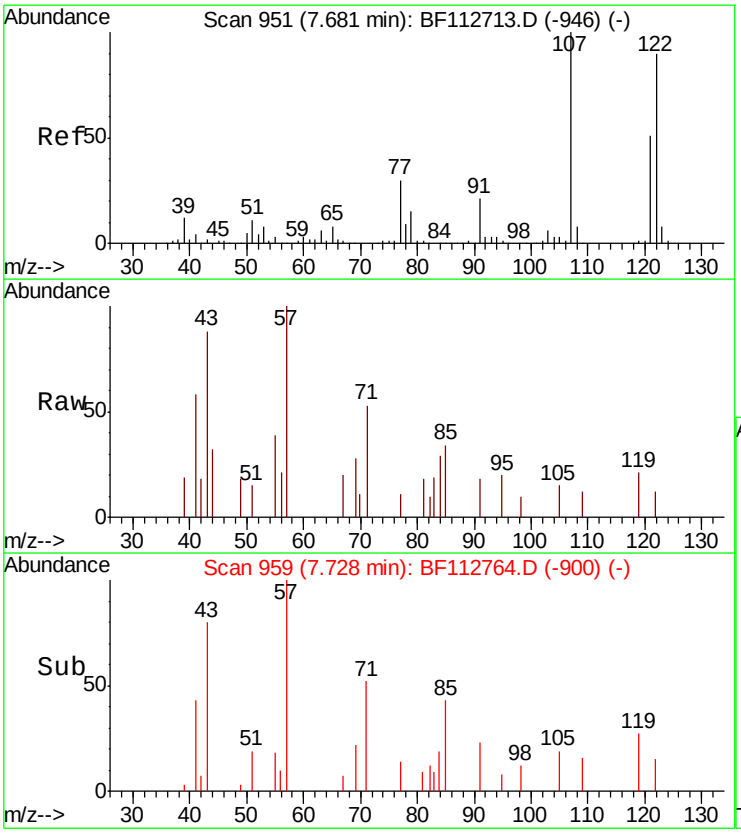
#25
Isophorone
Concen: 5.627 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 82 Resp: 143155

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	13.8	20.8#

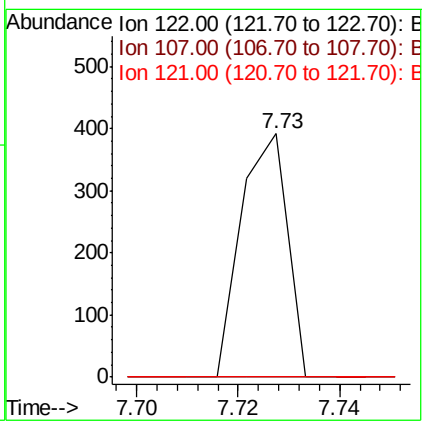


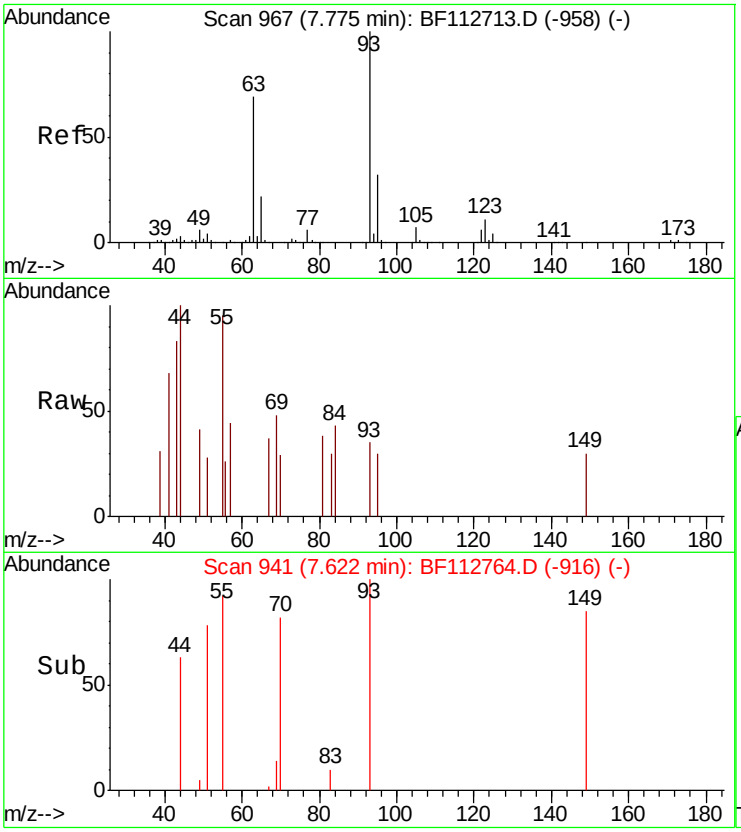


#27
2,4-Dimethylphenol
Concen: 0.025 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.05 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:122 Resp: 251

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



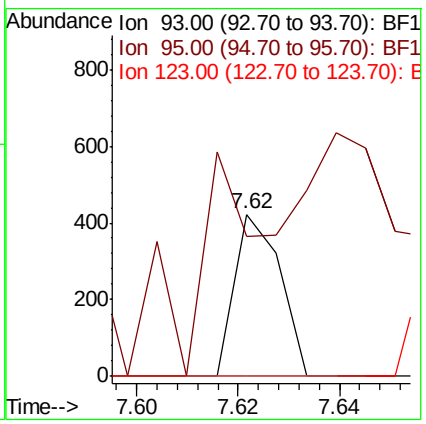


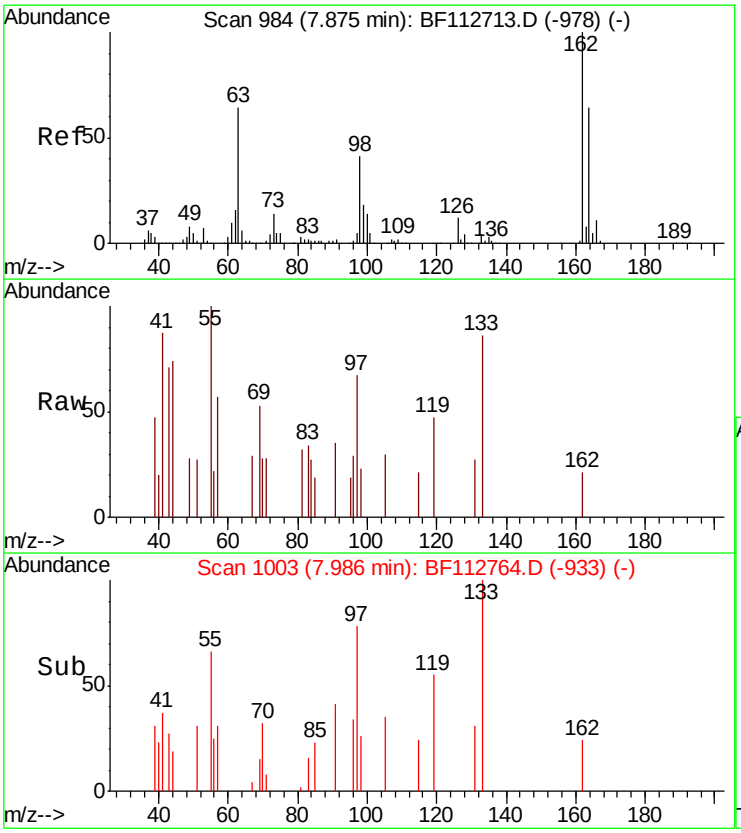
#28
bis(2-Chloroethoxy)methane
Concen: 0.017 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.15 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 93 Resp: 263

Ion	Ratio	Lower	Upper
93	100		
95	86.1	26.0	39.0#
123	0.0	9.3	13.9#

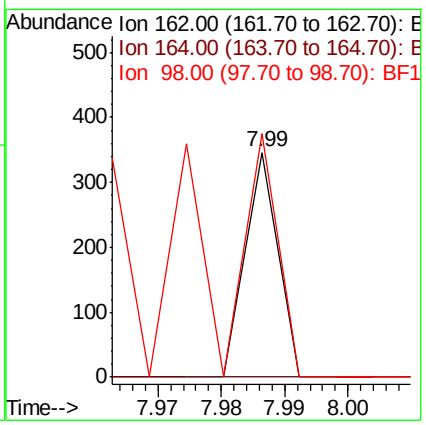


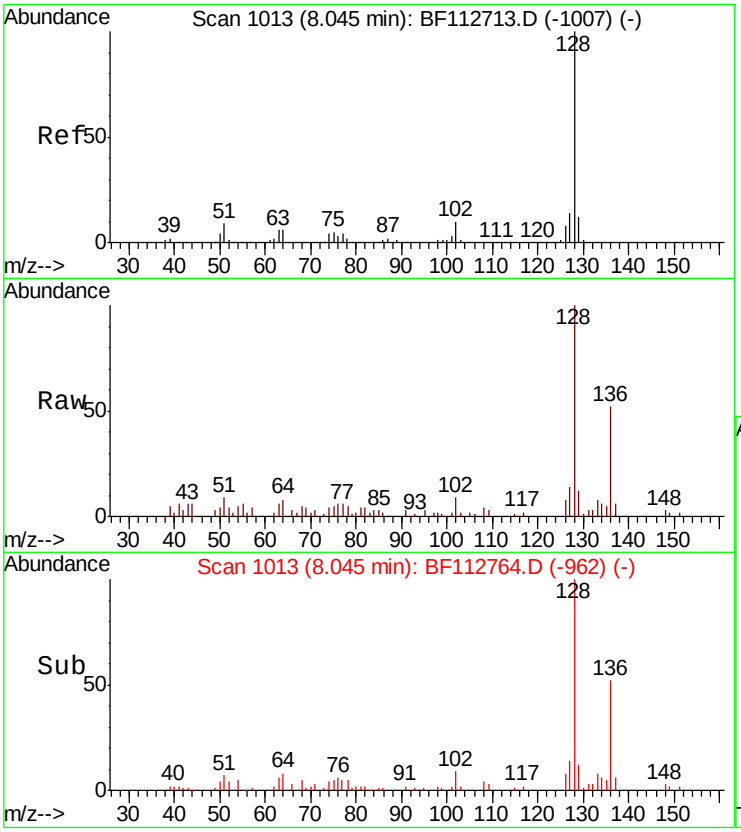


#29
2,4-Dichlorophenol
Concen: 0.012 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.11 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:162 Resp: 122

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.0	84.0#
98	108.4	20.7	60.7#



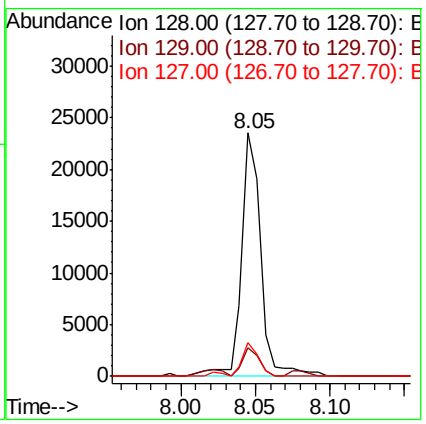


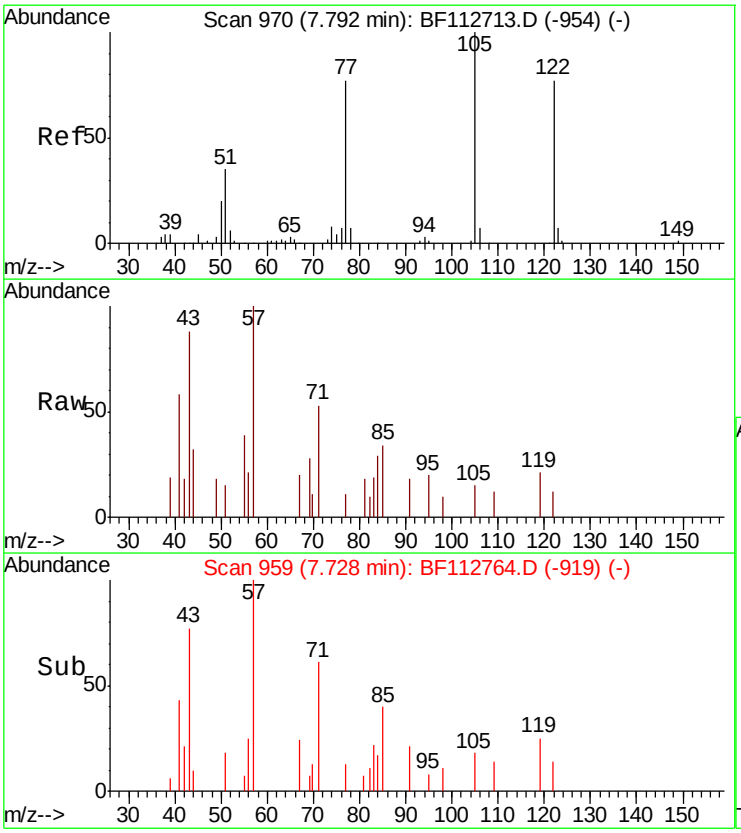
#31
Naphthalene
Concen: 0.604 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:128 Resp: 21192

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.8	10.9	16.3

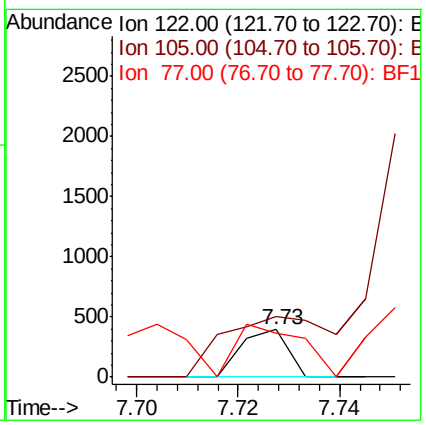


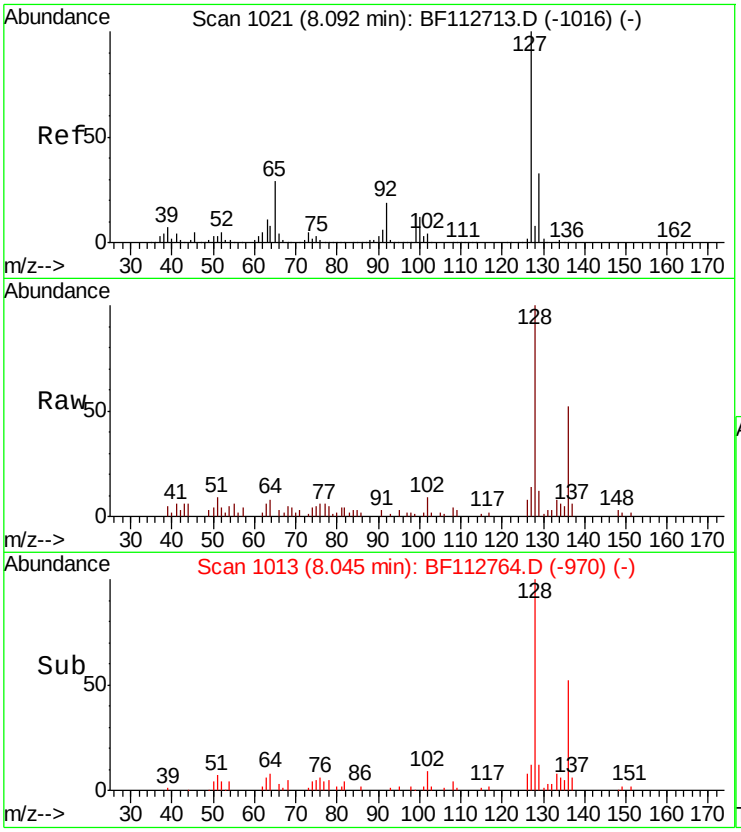


#32
Benzoic acid
Concen: 0.035 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:122 Resp: 251

Ion	Ratio	Lower	Upper
122	100		
105	128.1	106.8	146.8
77	93.4	79.4	119.4



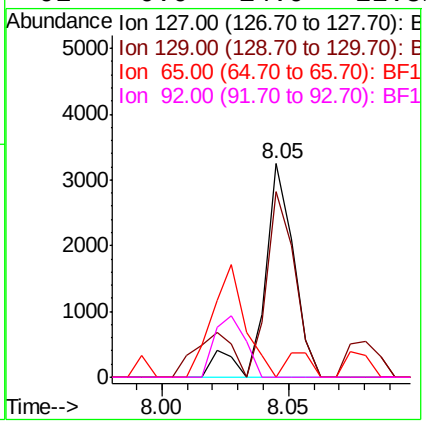


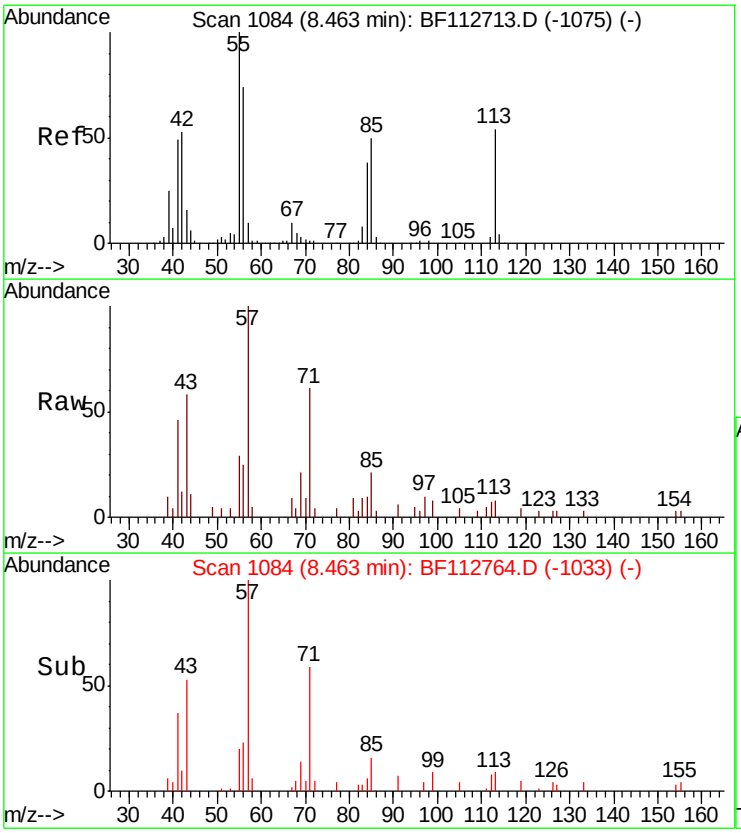
#33
4-Chloroaniline
Concen: 0.181 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:127 Resp: 2685

Ion	Ratio	Lower	Upper
127	100		
129	86.7	26.4	39.6#
65	0.0	23.1	34.7#
92	0.0	14.9	22.3#

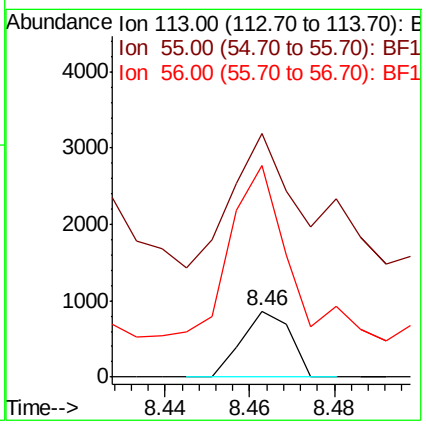


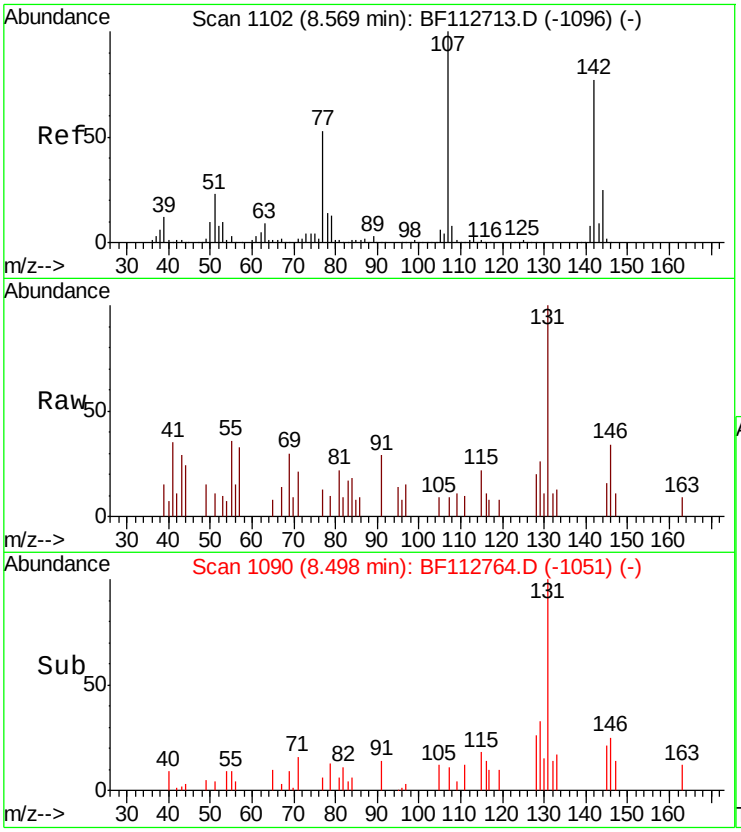


#35
Caprolactam
Concen: 0.198 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:113 Resp: 690

Ion	Ratio	Lower	Upper
113	100		
55	367.6	163.5	203.5#
56	319.5	115.3	155.3#



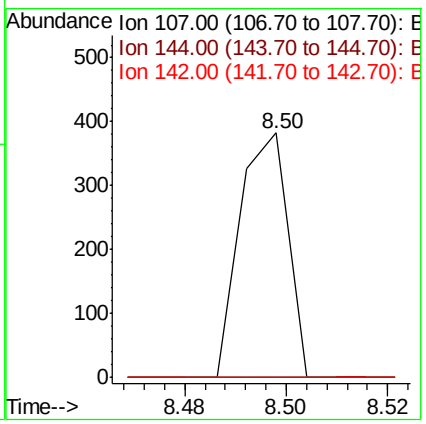


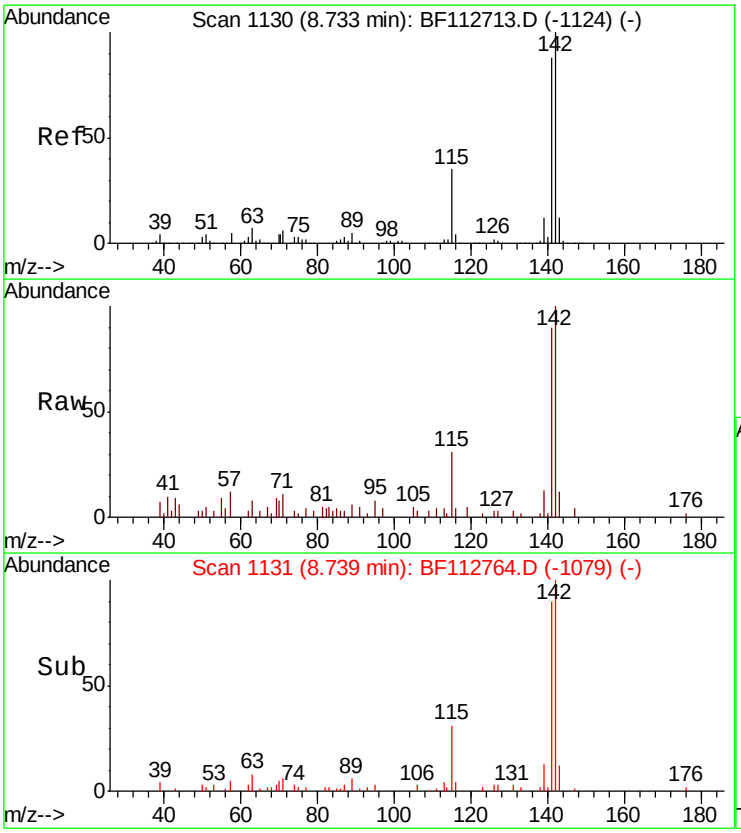
#36
4-Chloro-3-methylphenol
Concen: 0.023 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.07 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:107 Resp: 250

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

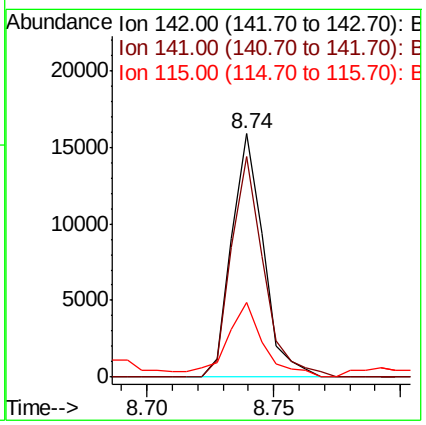


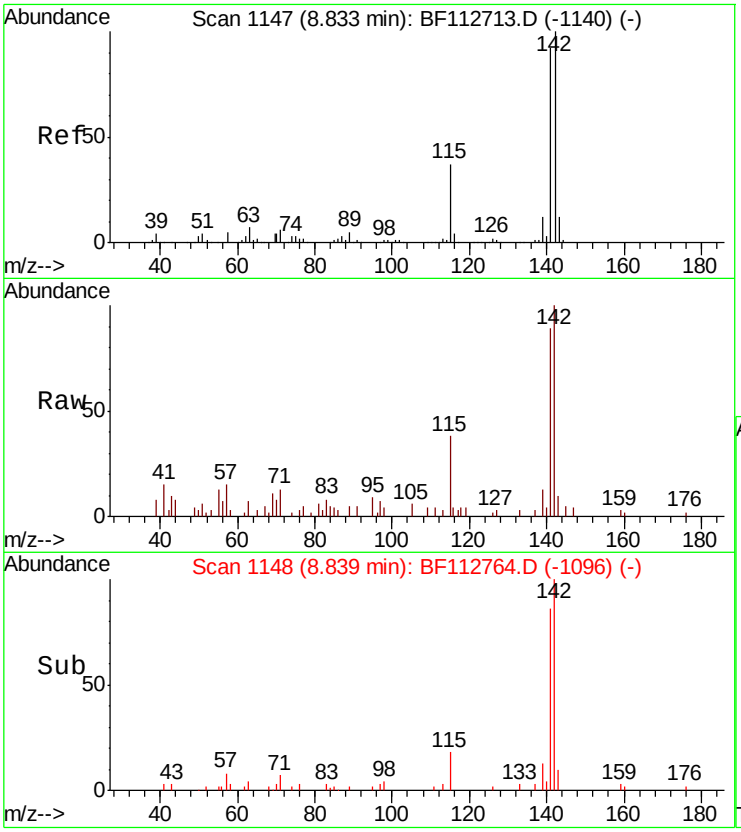


#37
2-Methylnaphthalene
Concen: 0.607 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:142 Resp: 13752

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.3	105.5
115	30.5	27.8	41.6



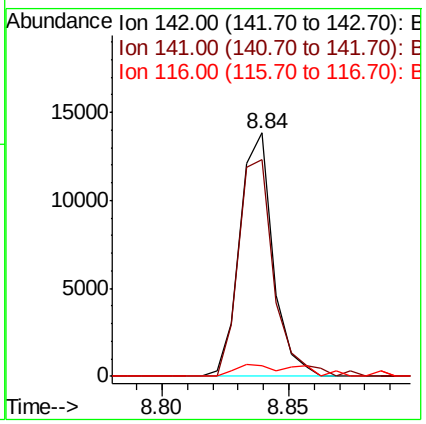


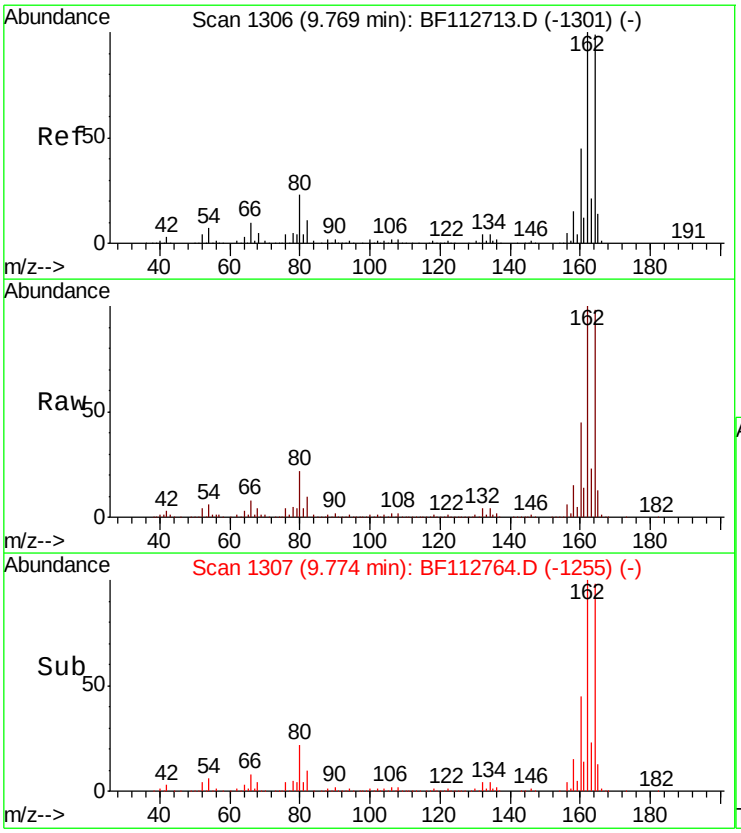
#38
1-Methylnaphthalene
Concen: 0.574 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:142 Resp: 12596

Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.7	110.5
116	4.3	3.1	4.7

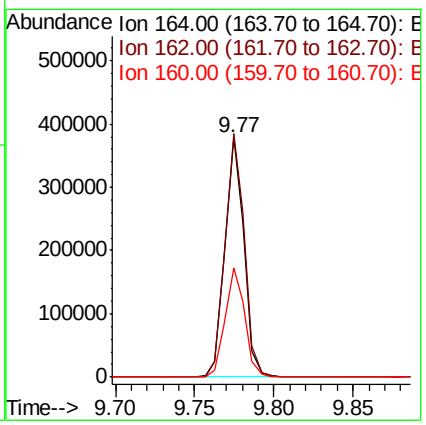


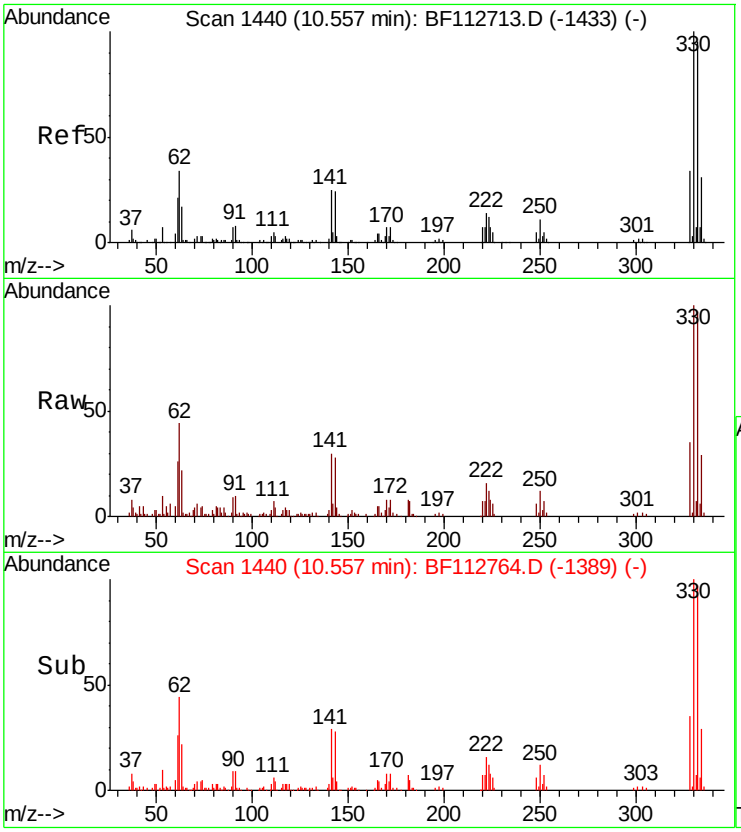


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:164 Resp: 311696

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	45.6	36.0	54.0



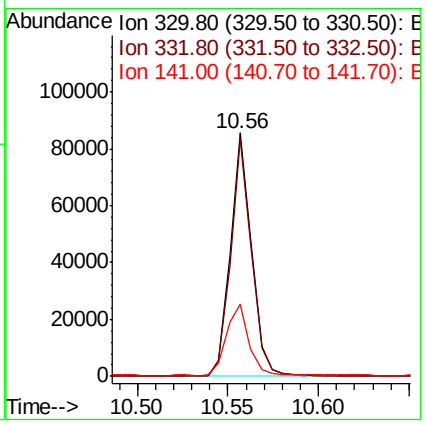


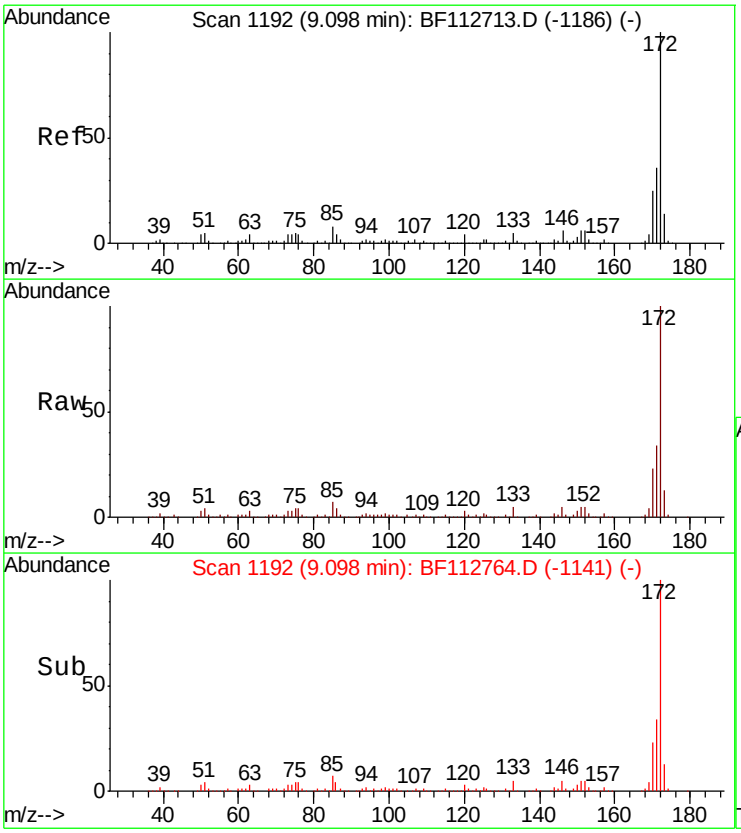
#42
2,4,6-Tribromophenol
Concen: 21.111 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:330 Resp: 69858

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	33.1	27.0	40.6

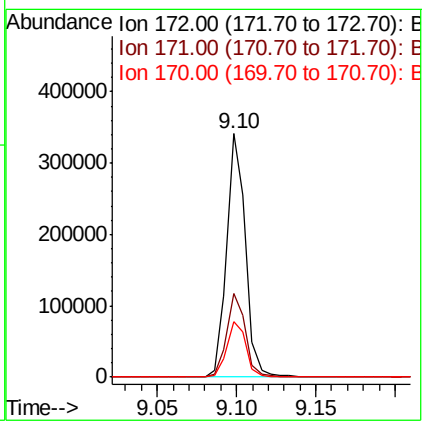


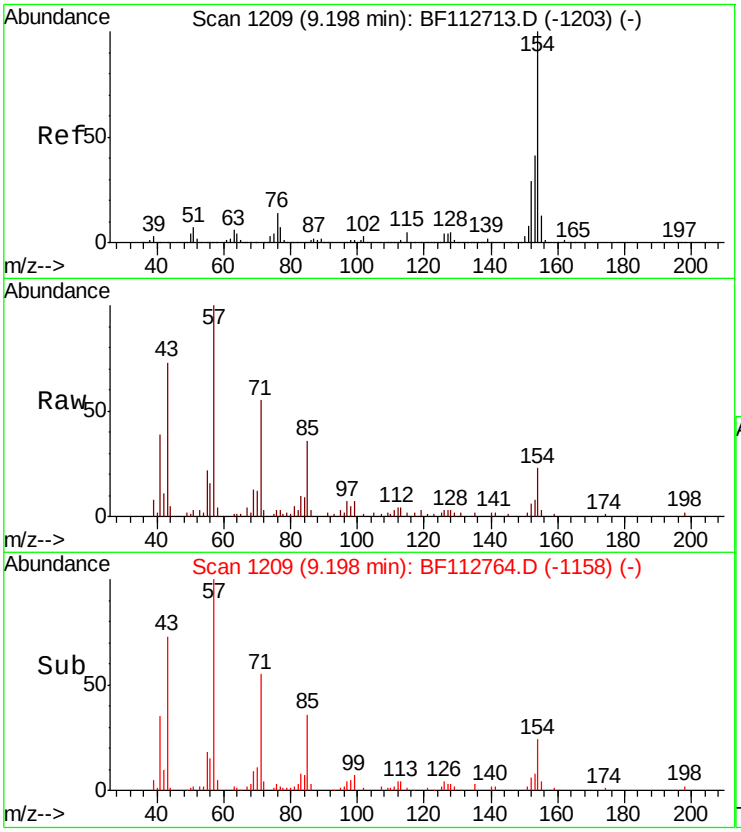


#45
2-Fluorobiphenyl
Concen: 2.622 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:172 Resp: 279721

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.4
170	23.0	20.0	30.0



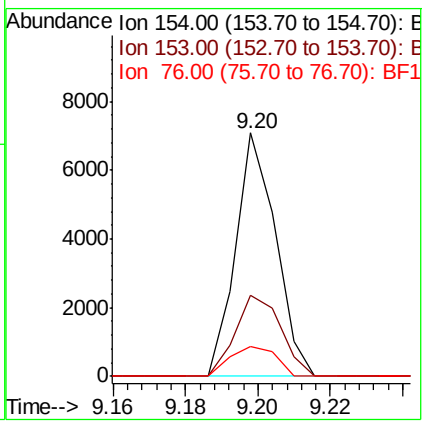


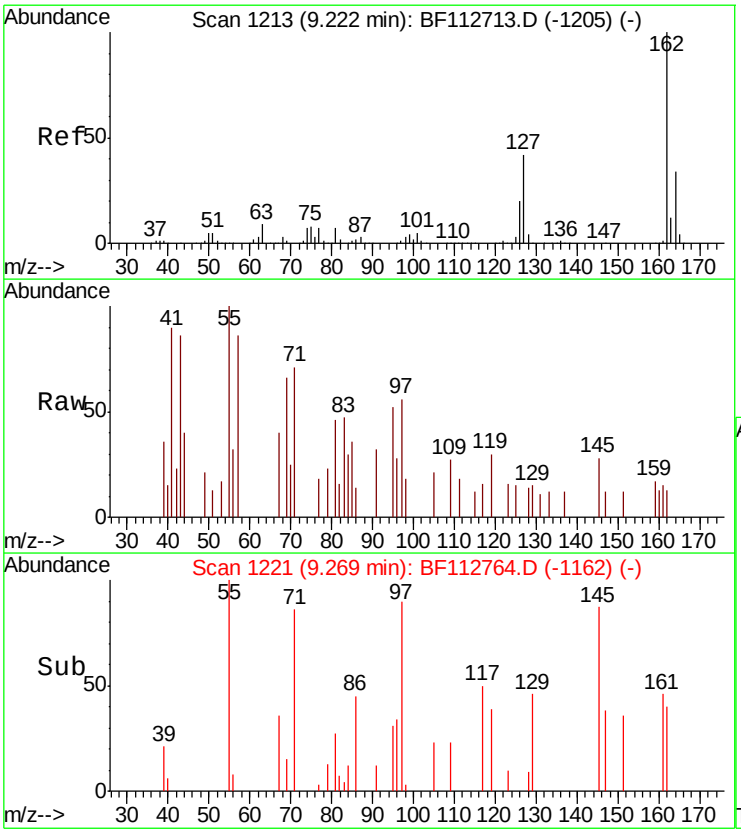
#46
1,1'-Biphenyl
Concen: 0.213 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:154 Resp: 5407

Ion	Ratio	Lower	Upper
154	100		
153	33.5	20.8	60.8
76	12.3	0.0	33.8

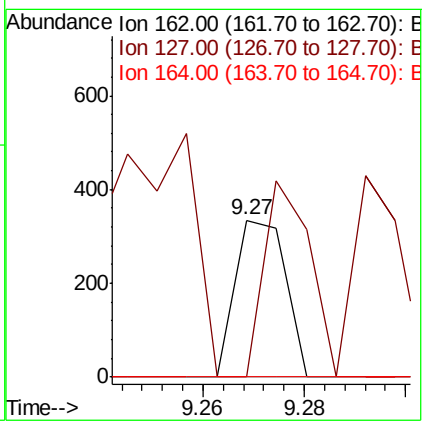


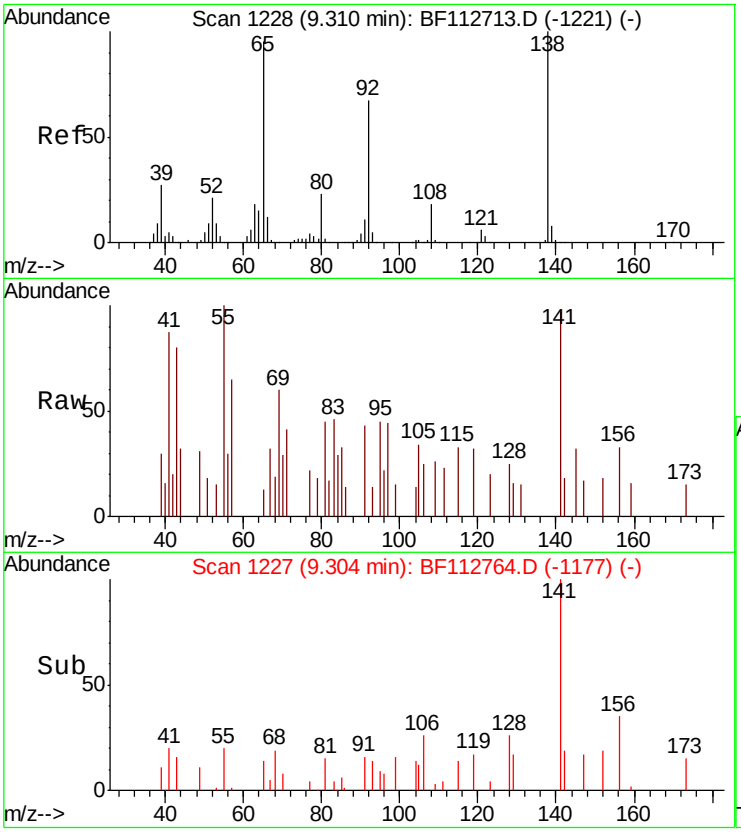


#47
2-Chloronaphthalene
Concen: 0.012 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.05 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:162 Resp: 230

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



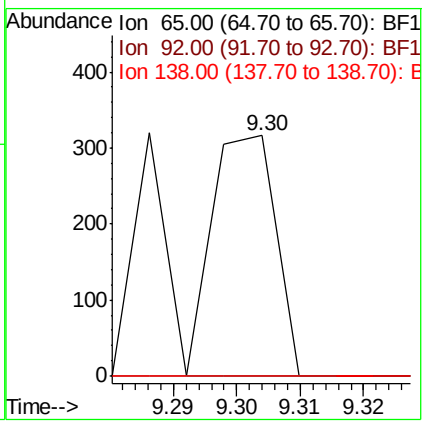


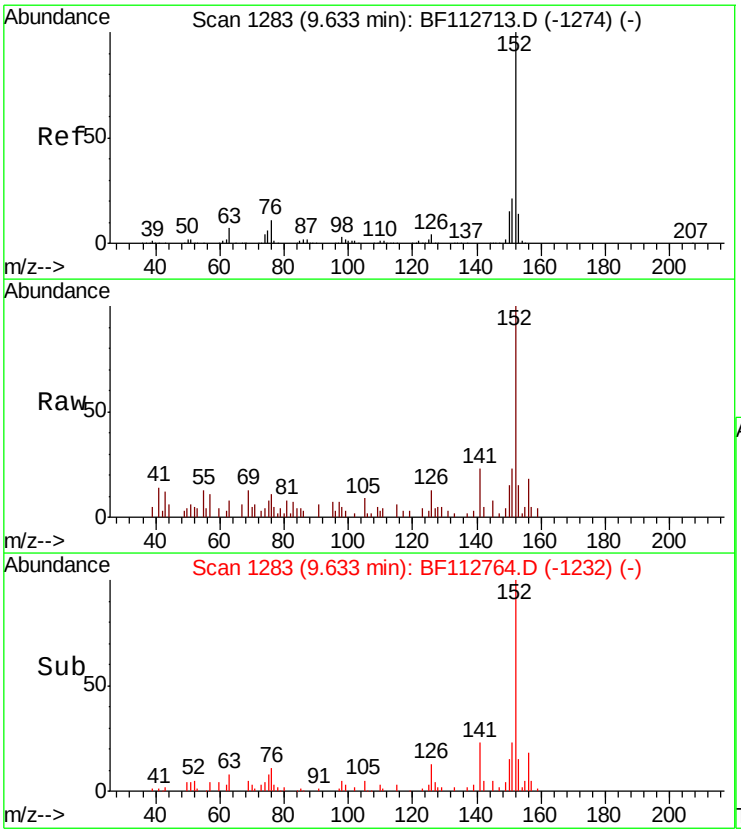
#48
2-Nitroaniline
Concen: 0.036 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion: 65 Resp: 219

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

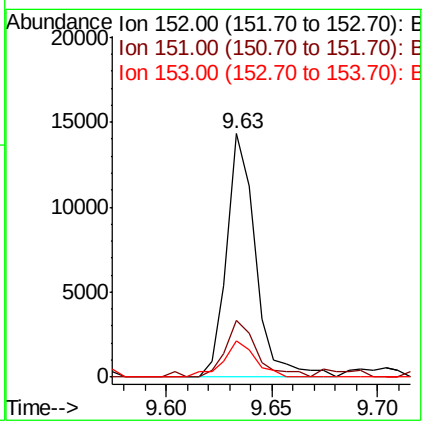


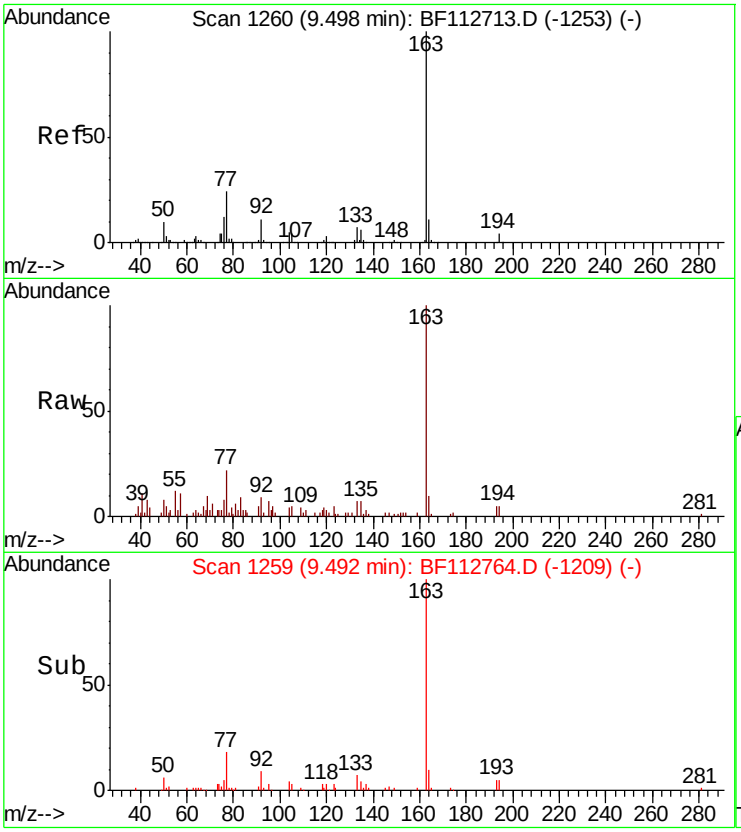


#49
Acenaphthylene
Concen: 0.401 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:152 Resp: 13520

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.9	25.3
153	14.6	11.0	16.6



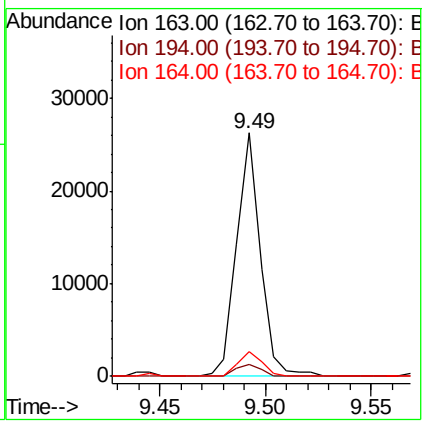


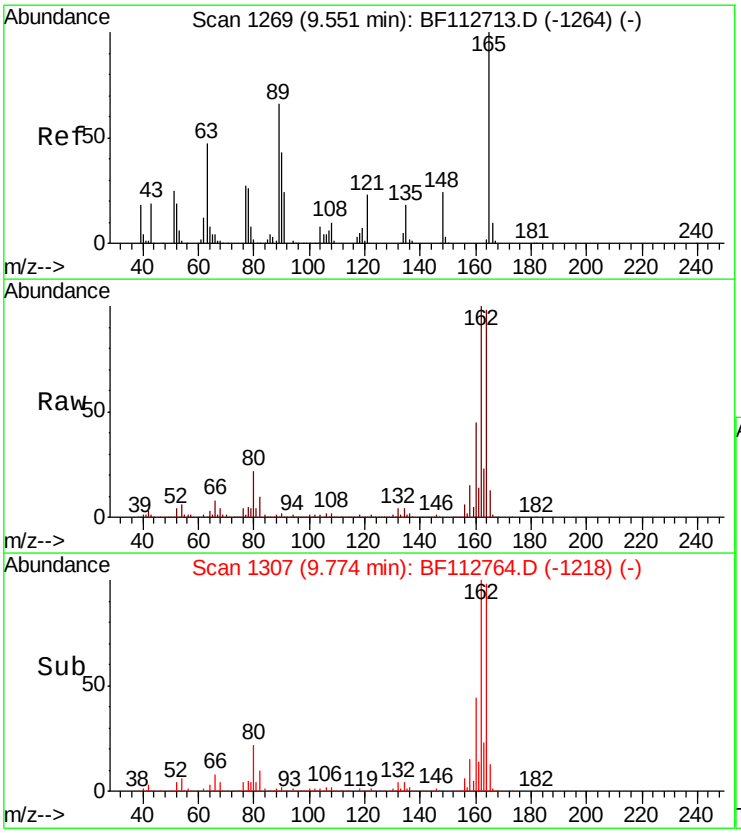
#50
Dimethylphthalate
Concen: 0.890 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:163 Resp: 20465

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.4#
164	10.1	8.4	12.6

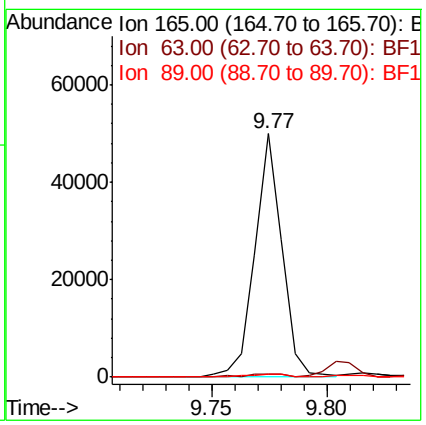


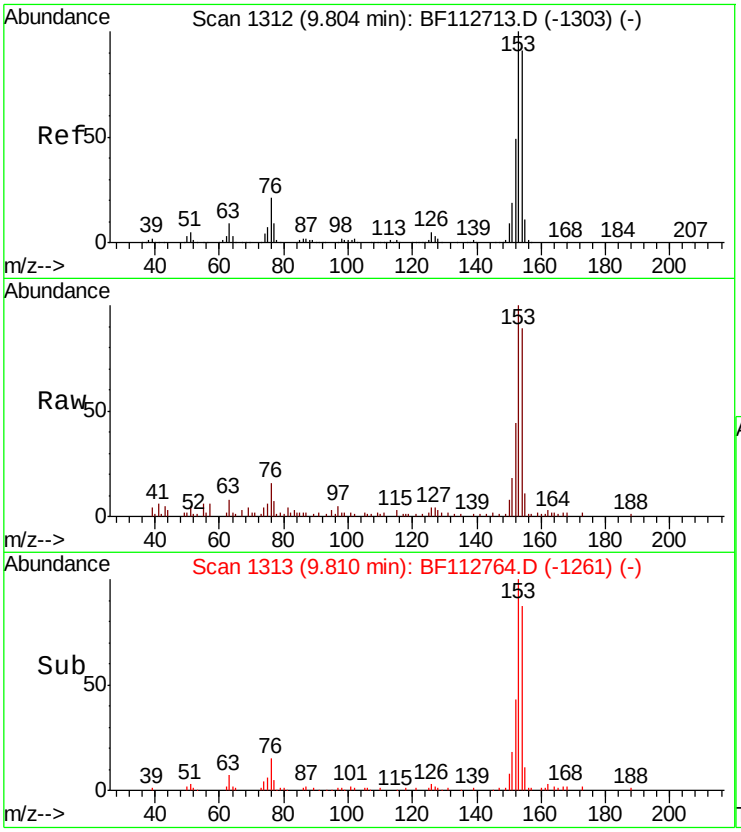


#51
2,6-Dinitrotoluene
Concen: 8.616 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:165 Resp: 41234

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



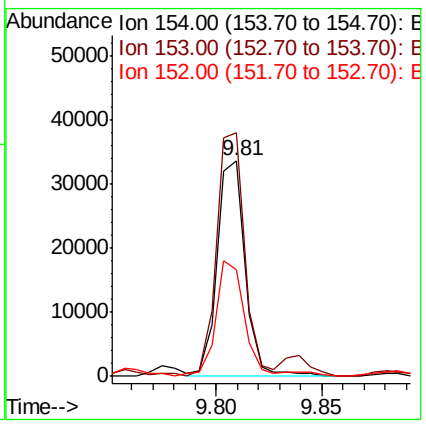


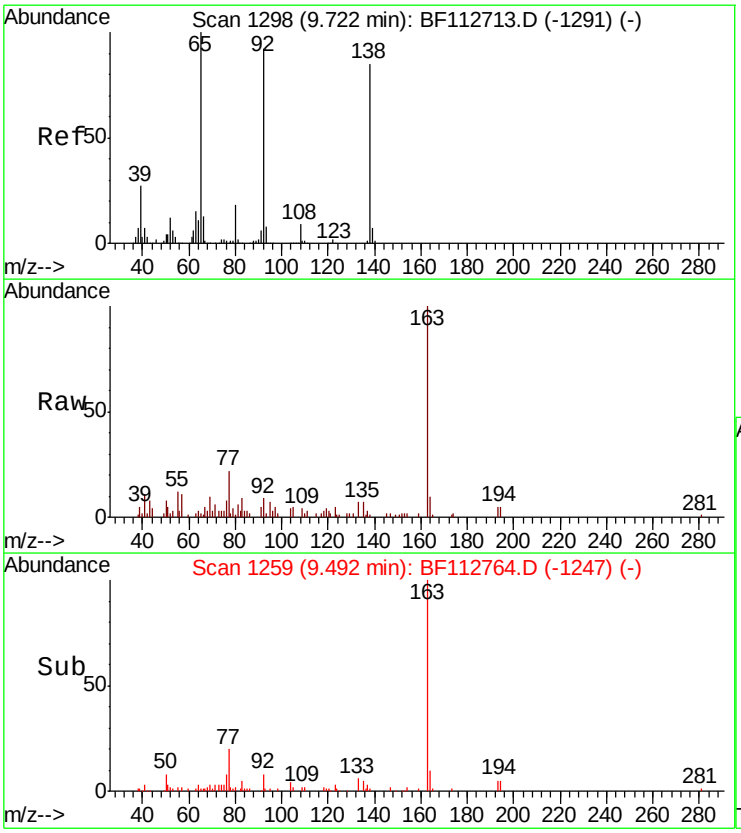
#52
Acenaphthene
Concen: 1.568 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:154 Resp: 30912

Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.8	131.8
152	49.4	43.0	64.6

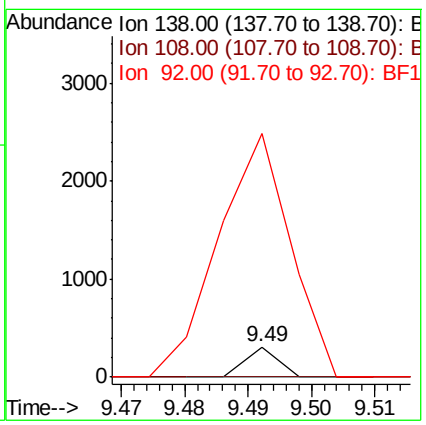


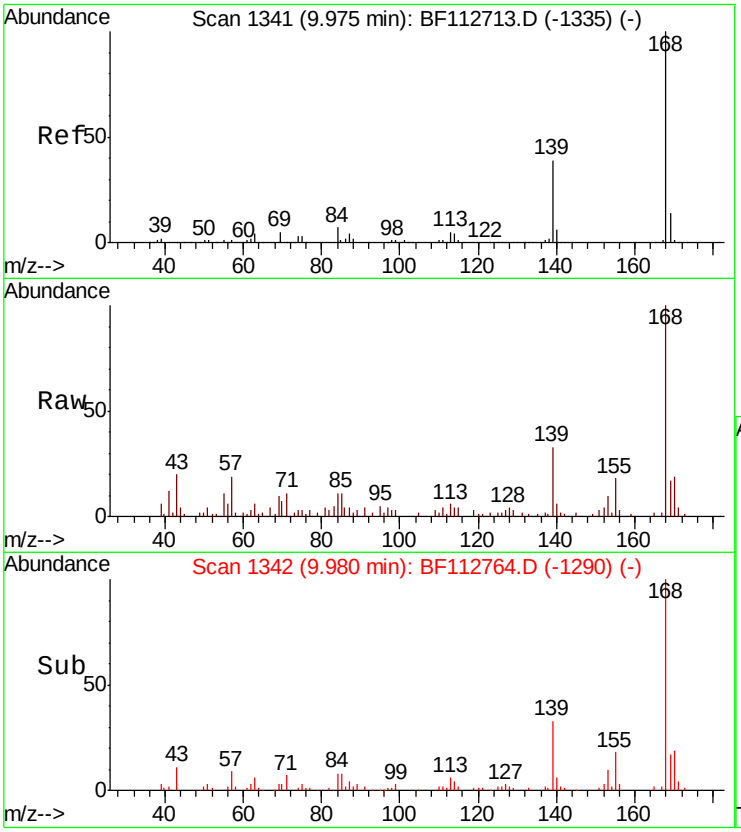


#53
3-Nitroaniline
Concen: 0.019 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.23 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:138 Resp: 108

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.6	13.0#
92	809.8	86.6	129.8#



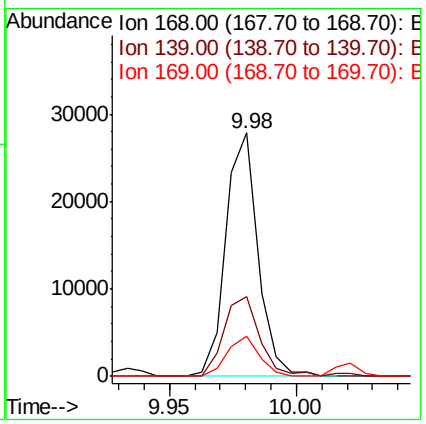


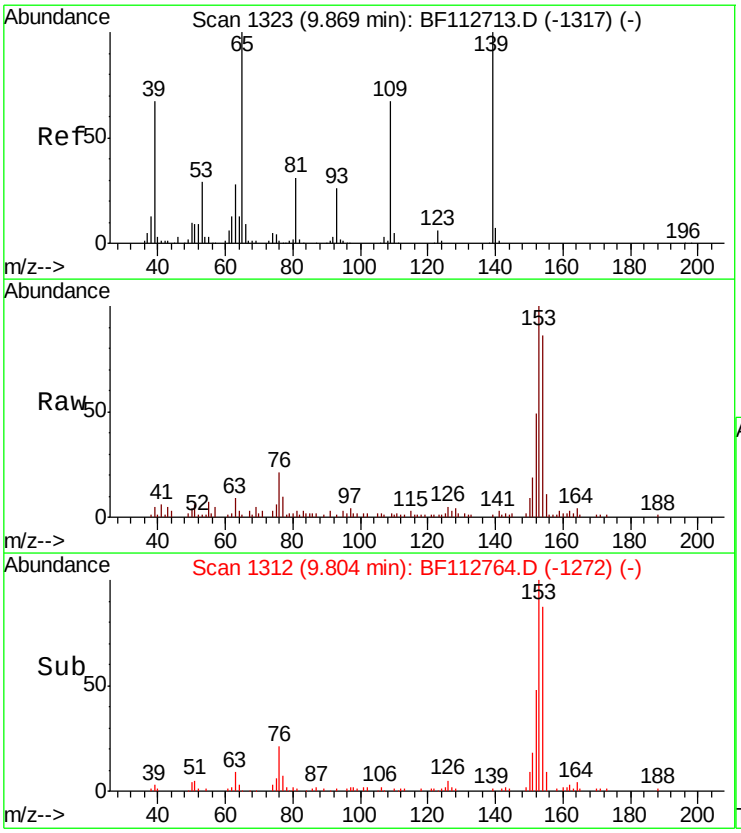
#55
Dibenzofuran
Concen: 0.853 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:168 Resp: 24442

Ion	Ratio	Lower	Upper
168	100		
139	32.8	31.3	46.9
169	16.6	11.3	16.9

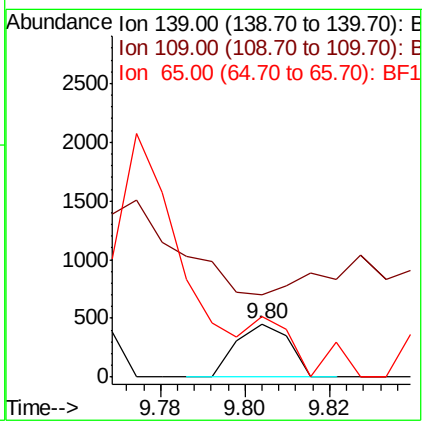


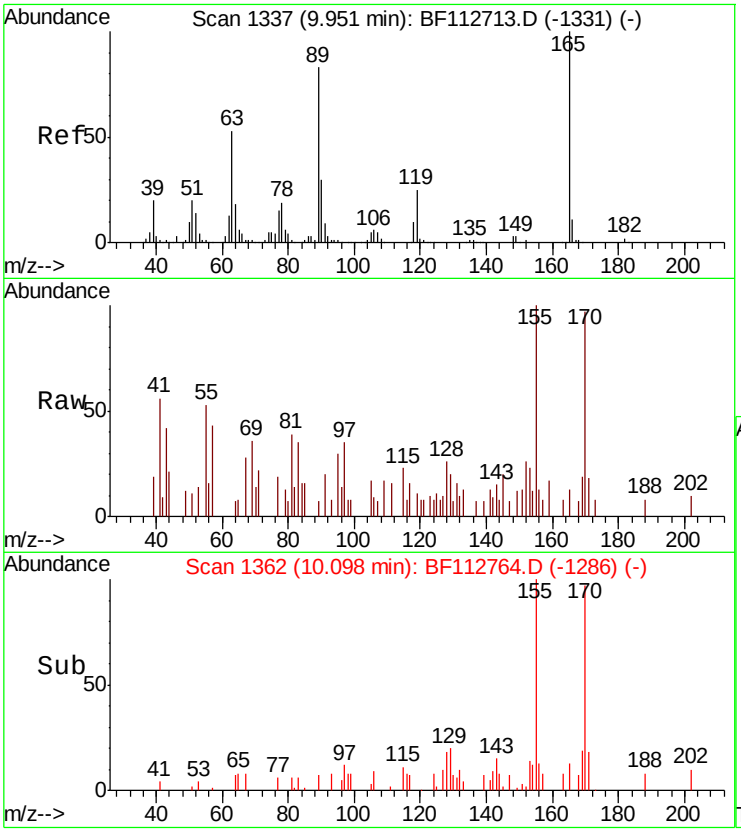


#56
4-Nitrophenol
Concen: 0.083 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.06 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:139 Resp: 393

Ion	Ratio	Lower	Upper
139	100		
109	153.6	46.8	86.8#
65	113.5	80.7	120.7



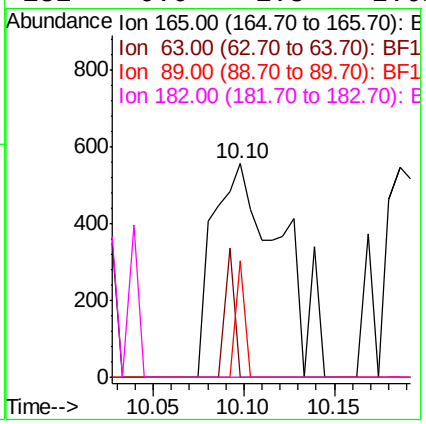


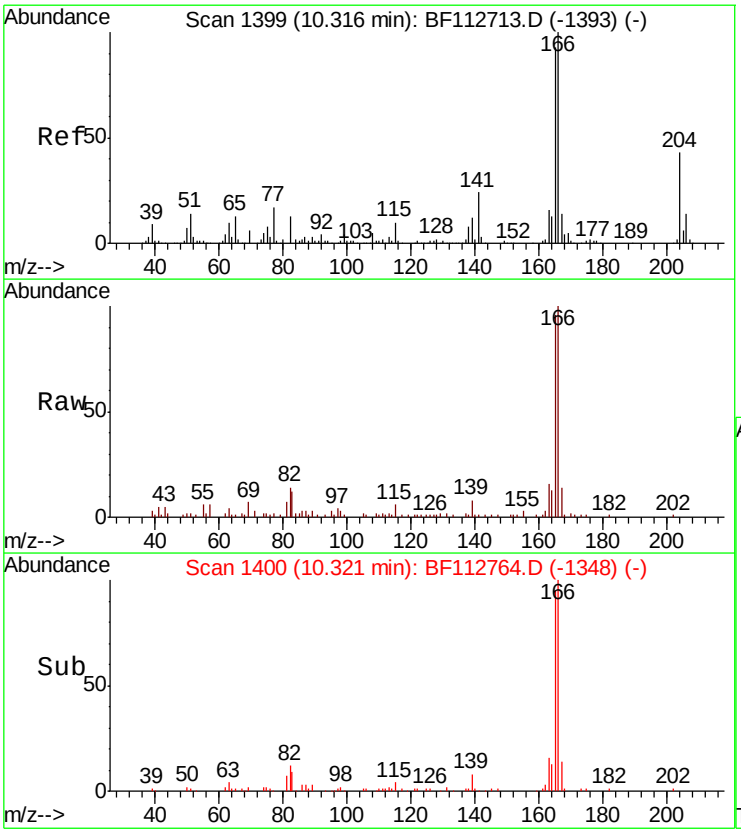
#57
2,4-Dinitrotoluene
Concen: 0.247 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.15 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:165 Resp: 1471

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	54.7	66.2	99.4#
182	0.0	1.8	2.6#

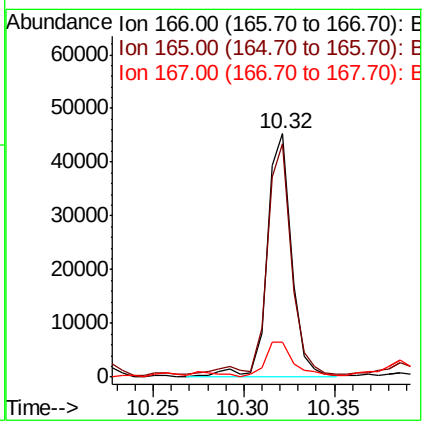


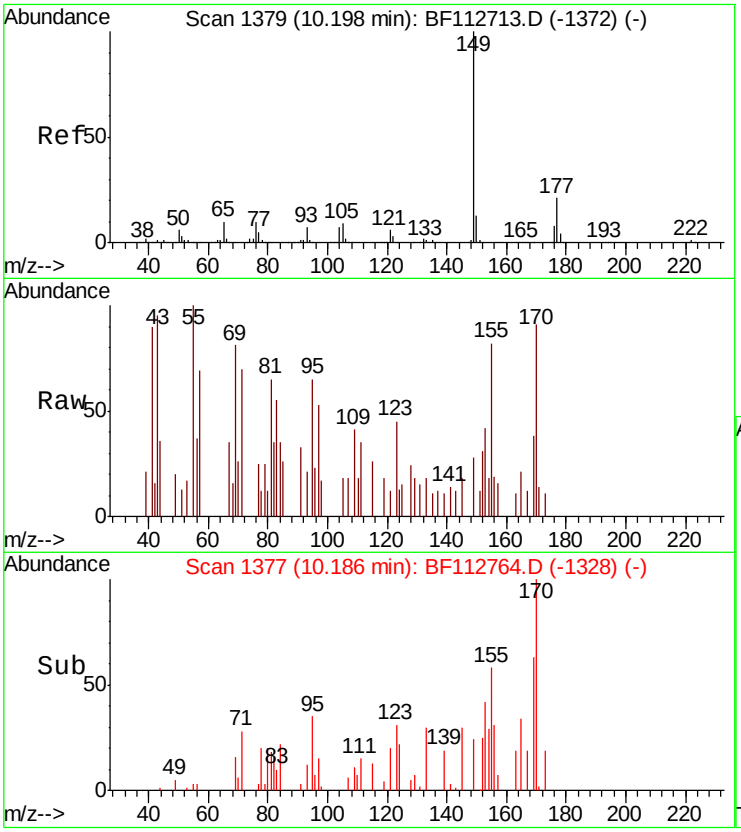


#58
Fluorene
Concen: 2.097 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:166 Resp: 42623

Ion	Ratio	Lower	Upper
166	100		
165	95.8	74.7	112.1
167	14.2	11.0	16.6



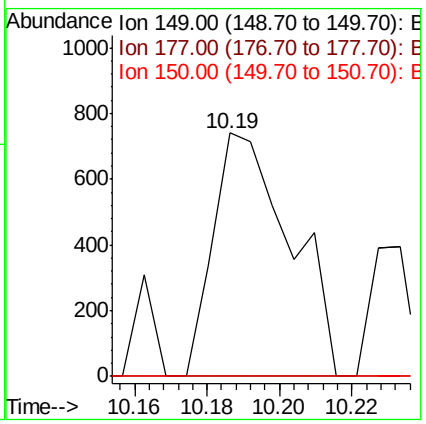


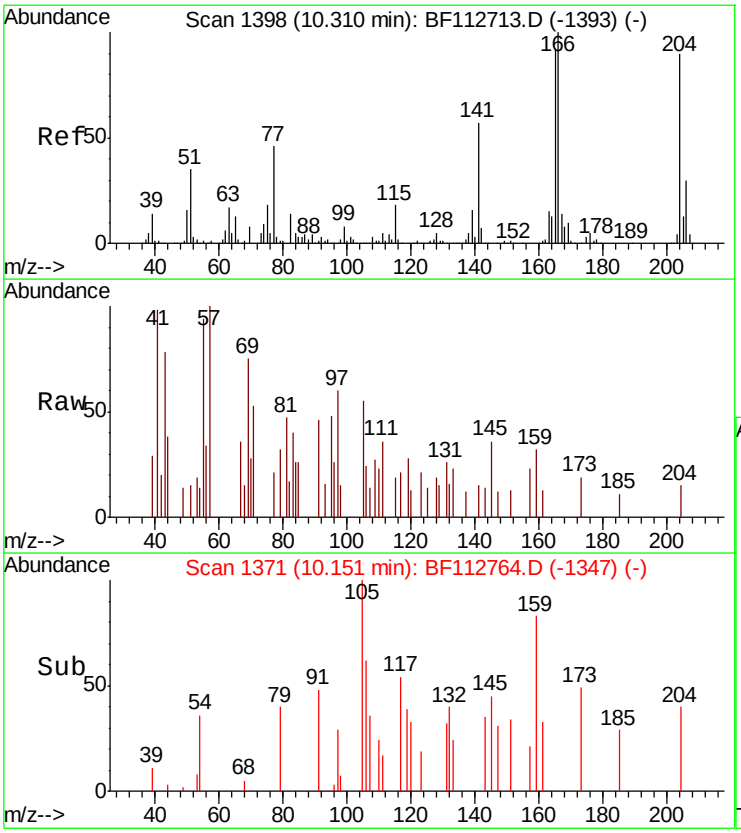
#60
Diethylphthalate
Concen: 0.045 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:149 Resp: 1095

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

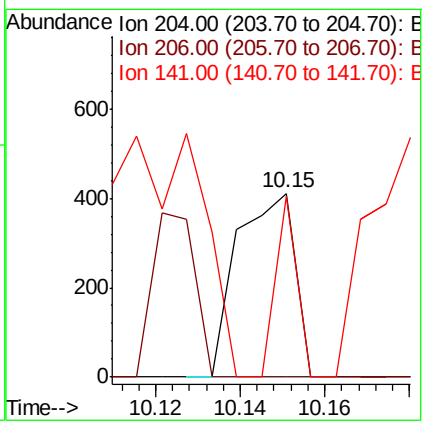


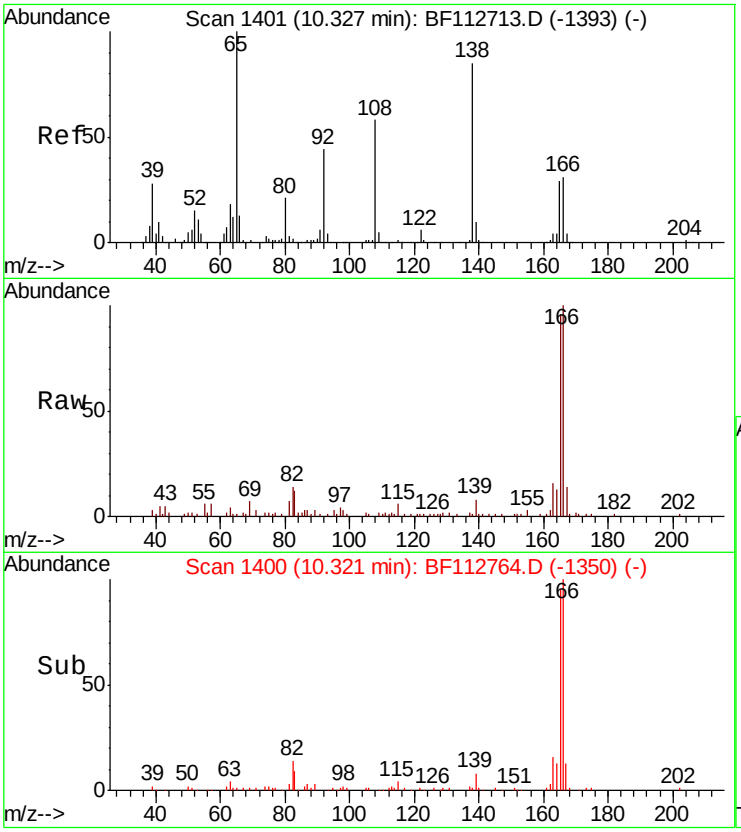


#61
4-Chlorophenyl-phenylether
Concen: 0.041 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.16 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:204 Resp: 390

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	40.0#
141	98.3	50.8	76.2#



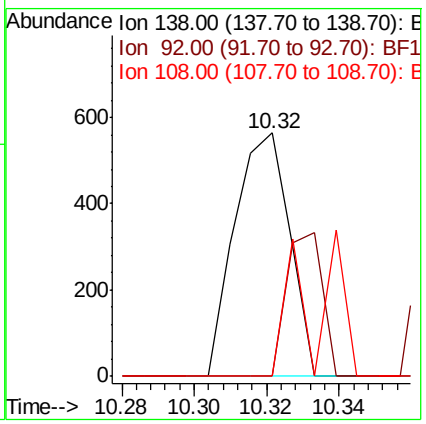


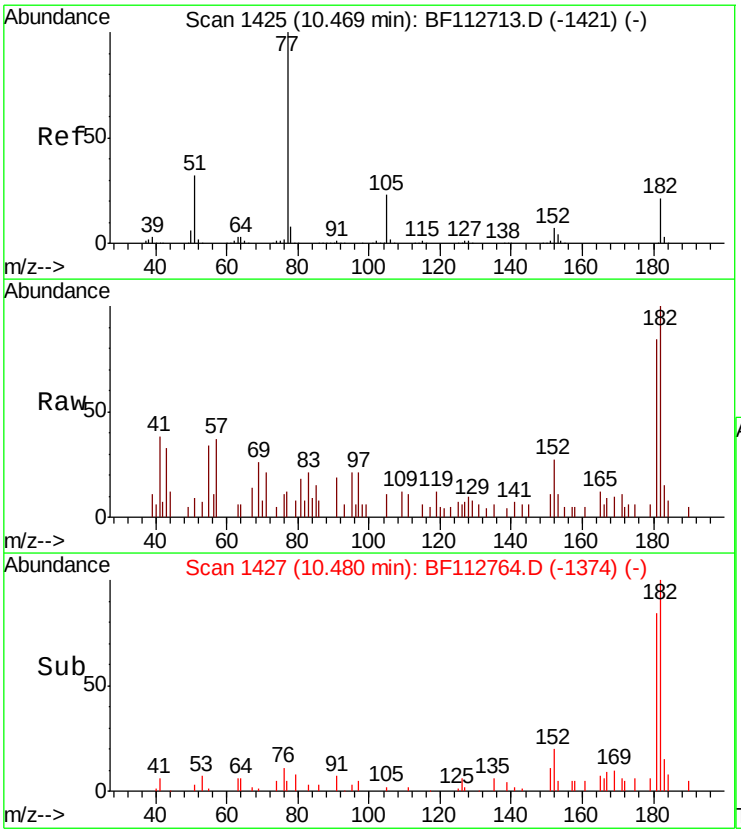
#62
4-Nitroaniline
Concen: 0.110 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:138 Resp: 595

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

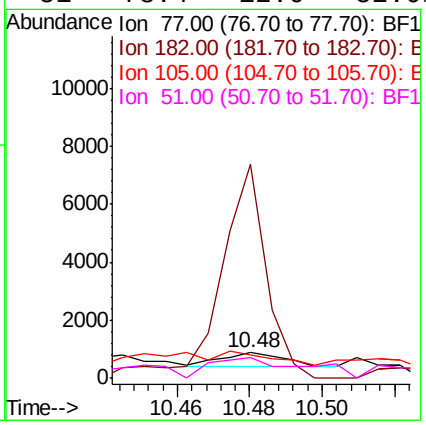


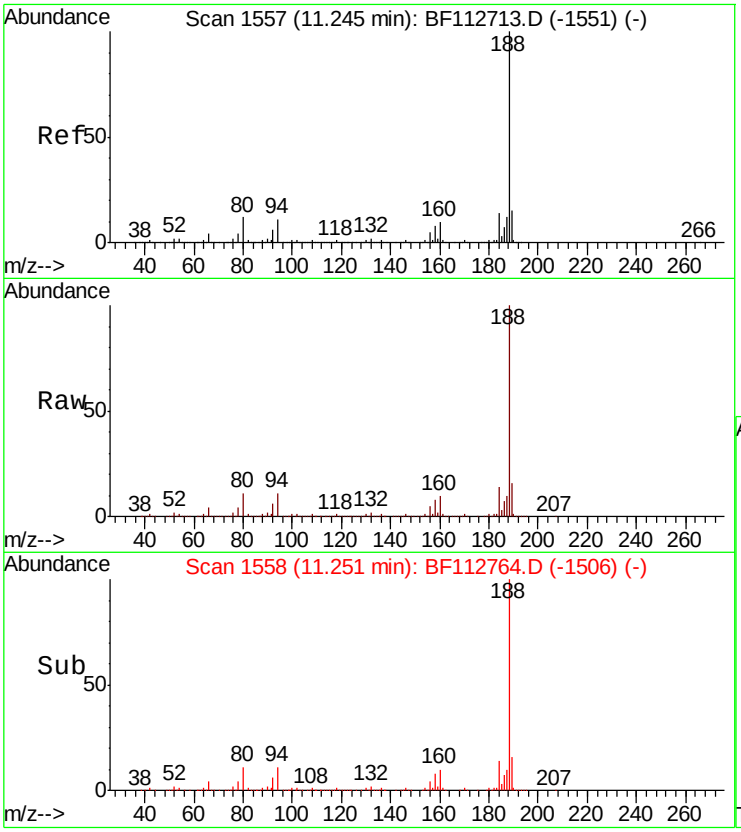


#63
Azobenzene
Concen: 0.023 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion: 77 Resp: 581

Ion	Ratio	Lower	Upper
77	100		
182	840.9	1.4	41.4#
105	91.0	2.6	42.6#
51	78.4	12.0	52.0#



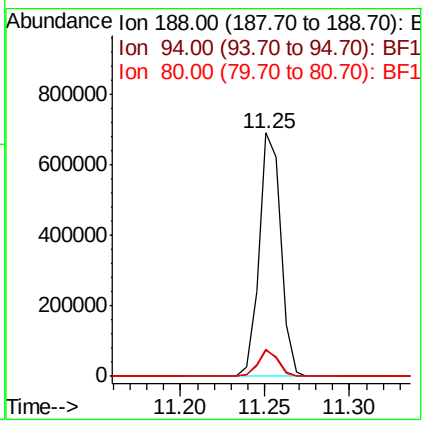


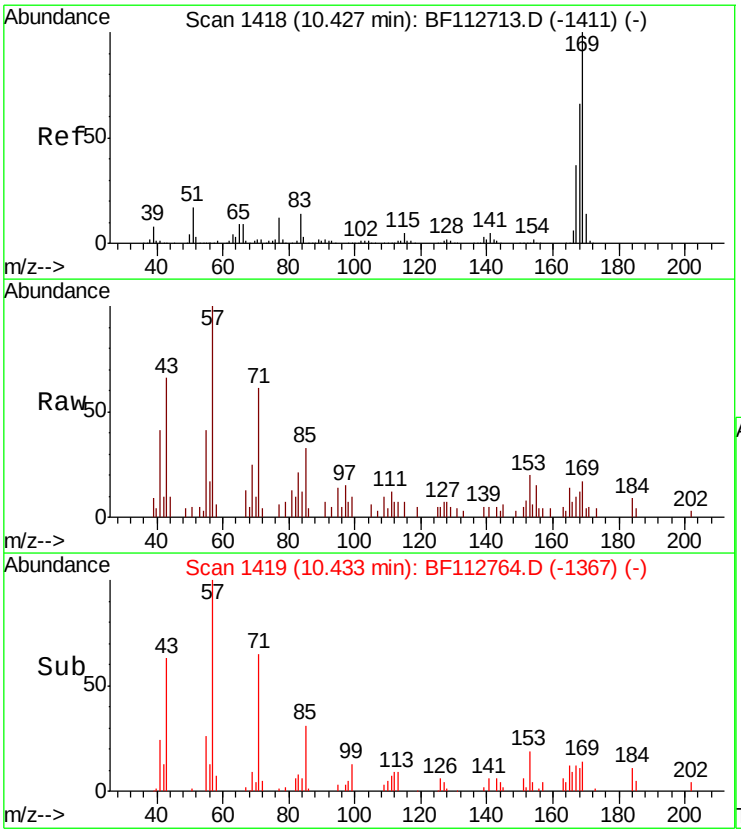
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:188 Resp: 616503

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.4	9.2	13.8

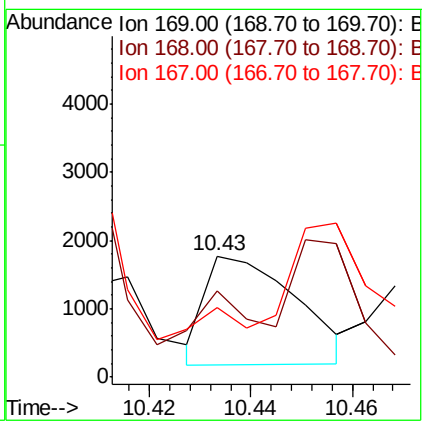


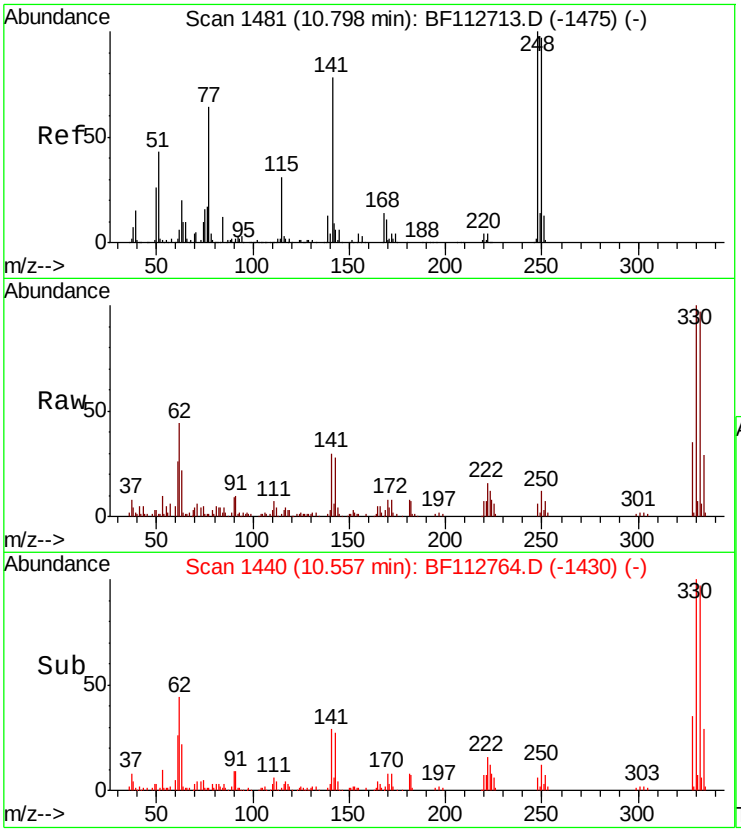


#66
n-Nitrosodiphenylamine
Concen: 0.100 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:169 Resp: 1982

Ion	Ratio	Lower	Upper
169	100		
168	70.8	53.0	79.6
167	57.2	29.3	43.9#



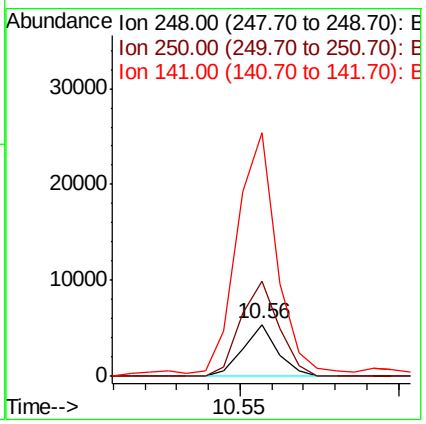


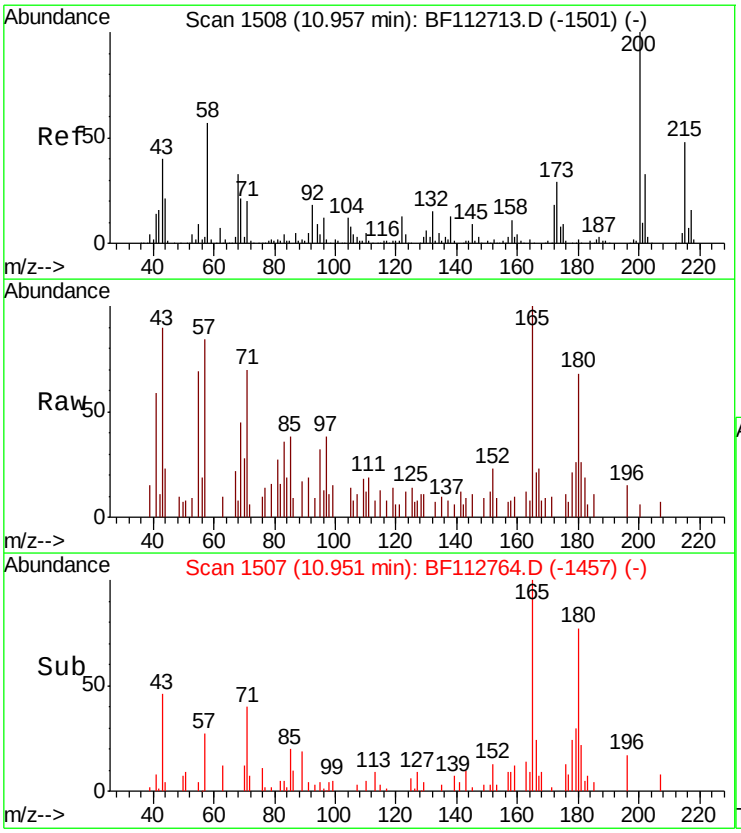
#67
4-Bromophenyl-phenylether
Concen: 0.636 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:248 Resp: 4129

Ion	Ratio	Lower	Upper
248	100		
250	182.2	77.5	116.3#
141	468.1	62.4	93.6#

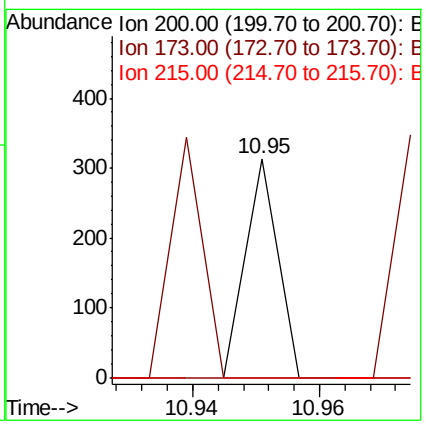


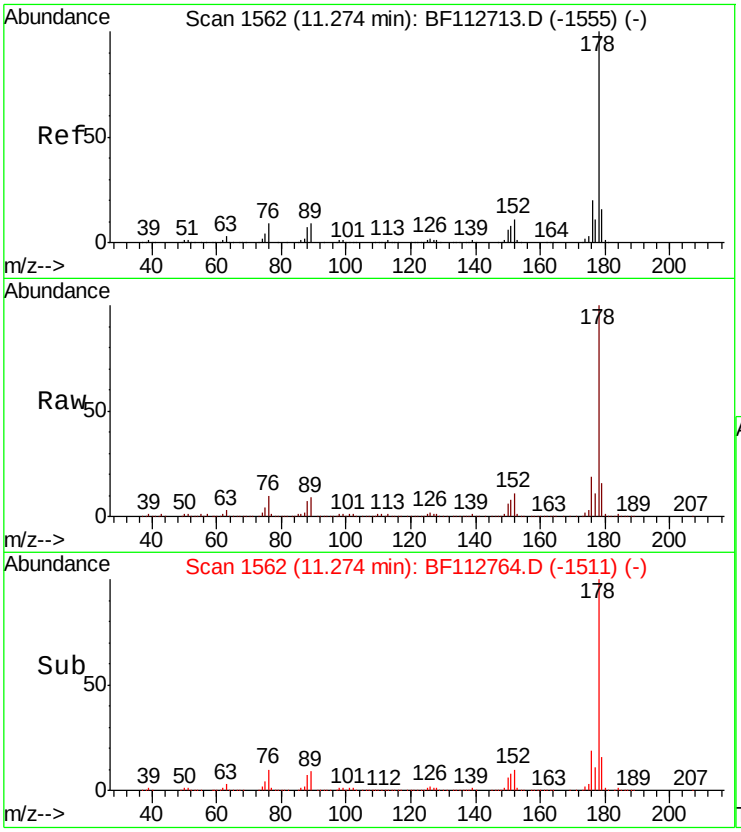


#69
Atrazine
Concen: 0.018 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:200 Resp: 110

Ion	Ratio	Lower	Upper
200	100		
173	0.0	9.1	49.1#
215	0.0	28.2	68.2#



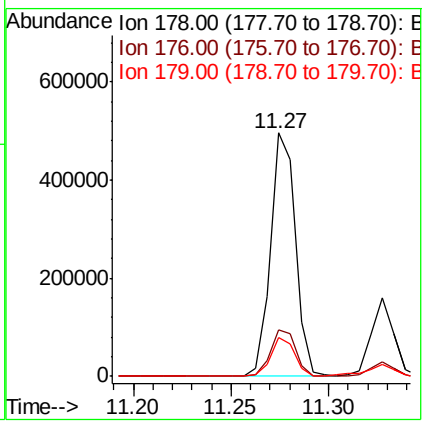


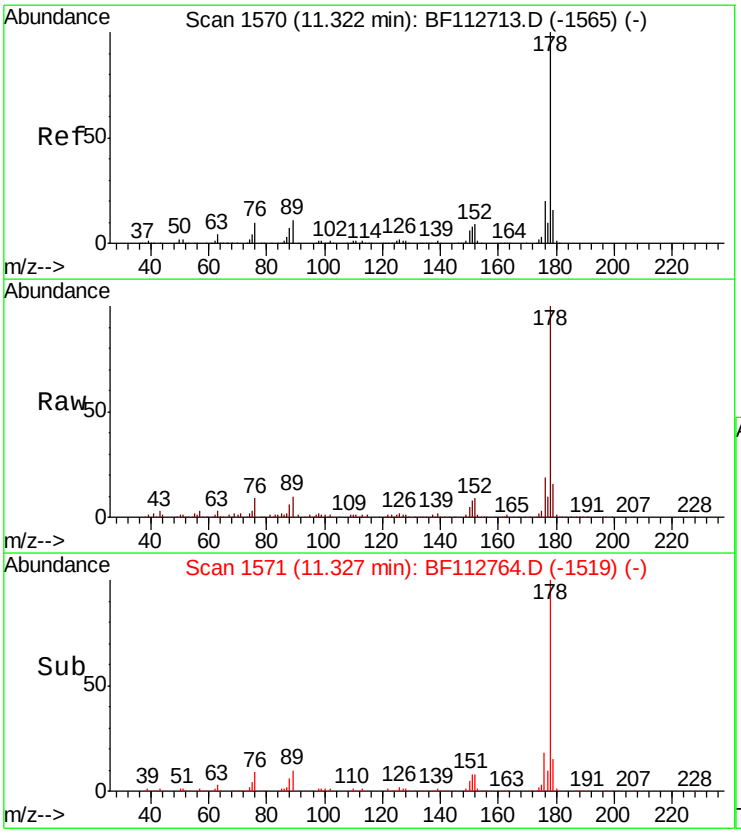
#71
Phenanthrene
Concen: 14.297 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:178 Resp: 438543

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.7	12.7	19.1

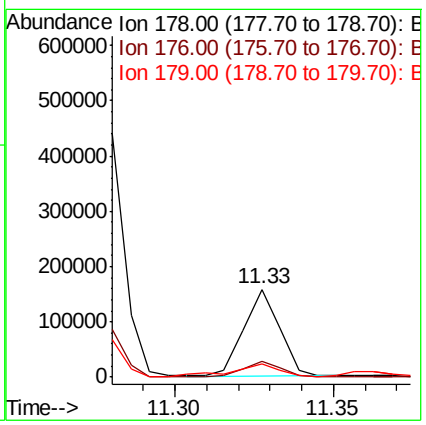


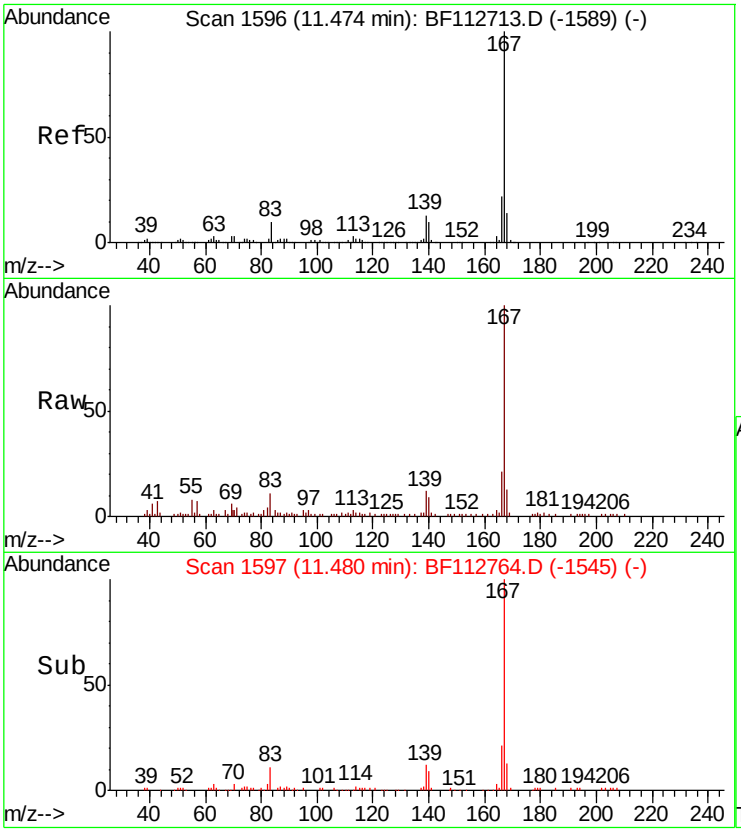


#72
Anthracene
Concen: 3.841 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:178 Resp: 123324

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.6	13.0	19.6



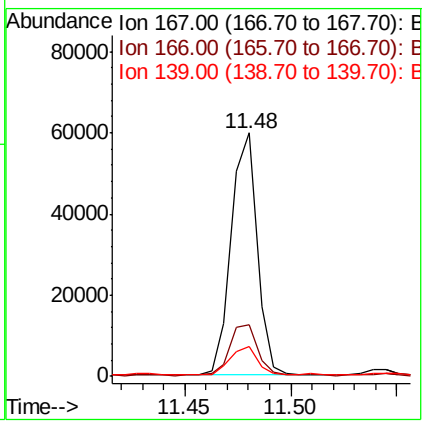


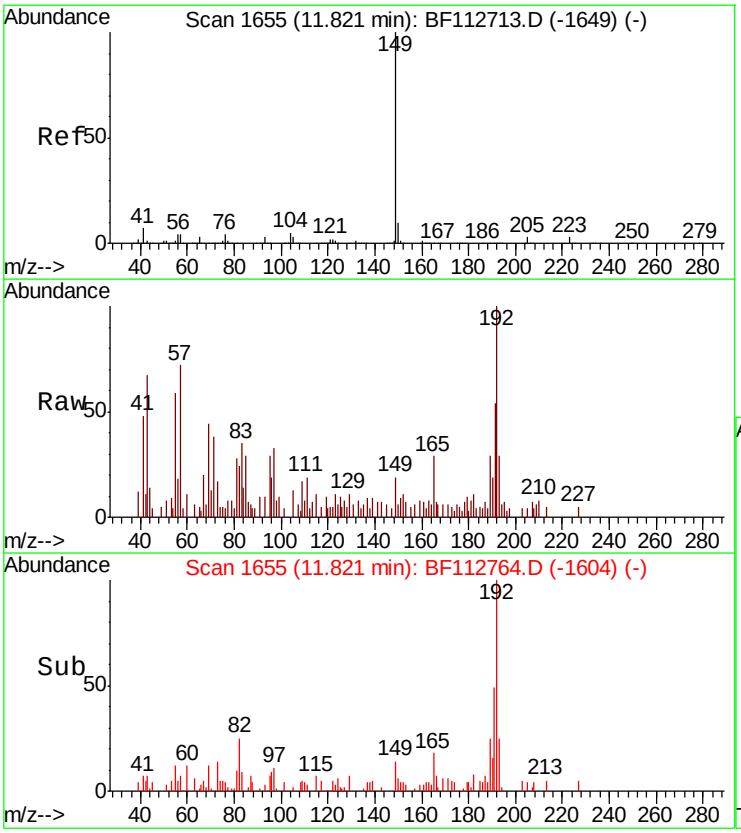
#73
Carbazole
Concen: 1.615 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:167 Resp: 50570

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	12.1	10.8	16.2

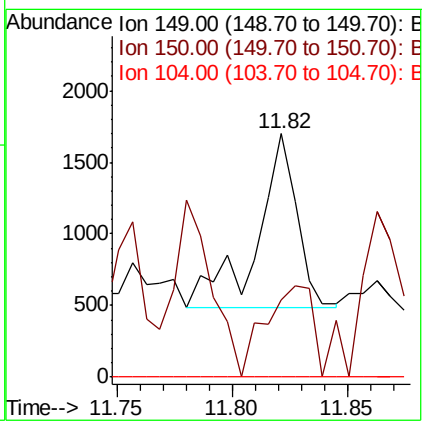


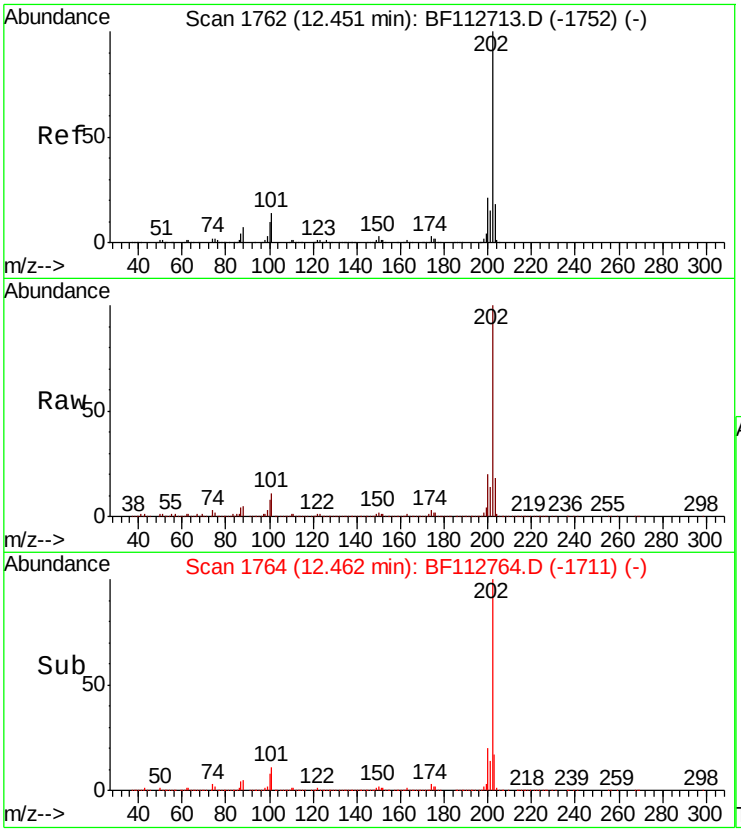


#74
Di-n-butylphthalate
Concen: 0.039 ng
RT: 11.82 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:149 Resp: 1467

Ion	Ratio	Lower	Upper
149	100		
150	31.5	7.6	11.4#
104	0.0	3.7	5.5#



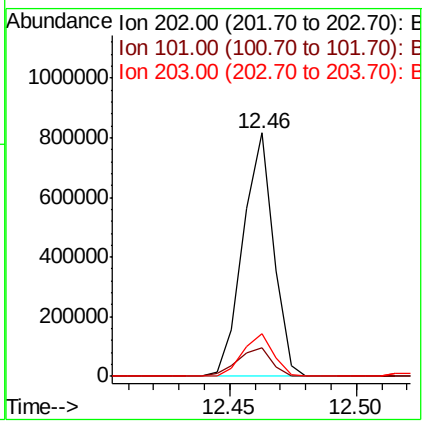


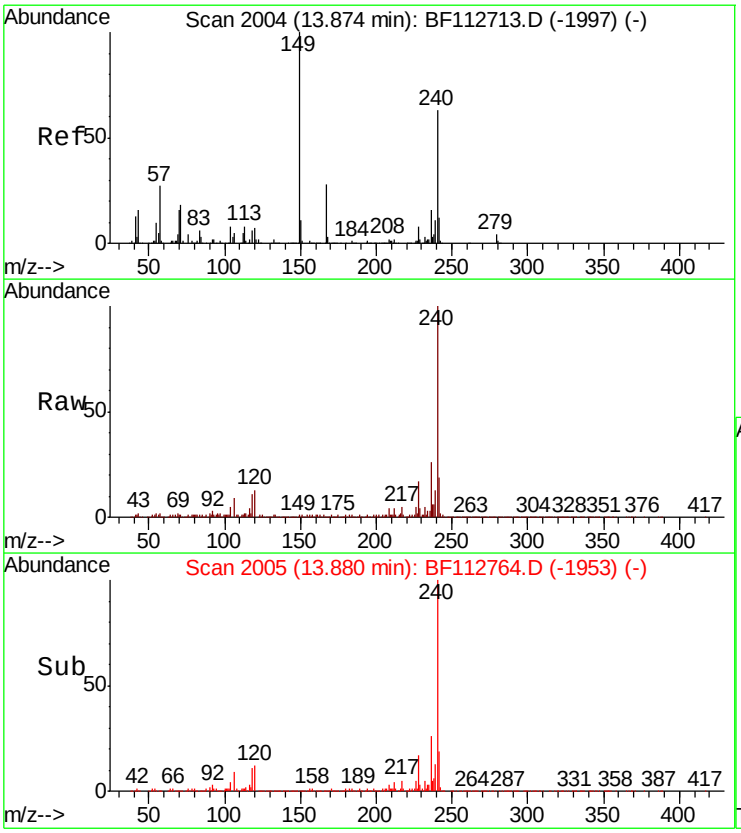
#75
Fluoranthene
Concen: 20.833 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:202 Resp: 684635

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.8
203	17.5	0.0	38.4

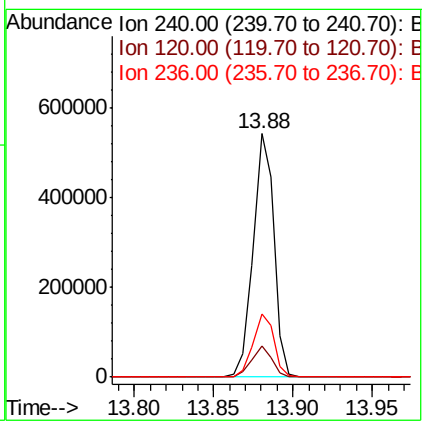


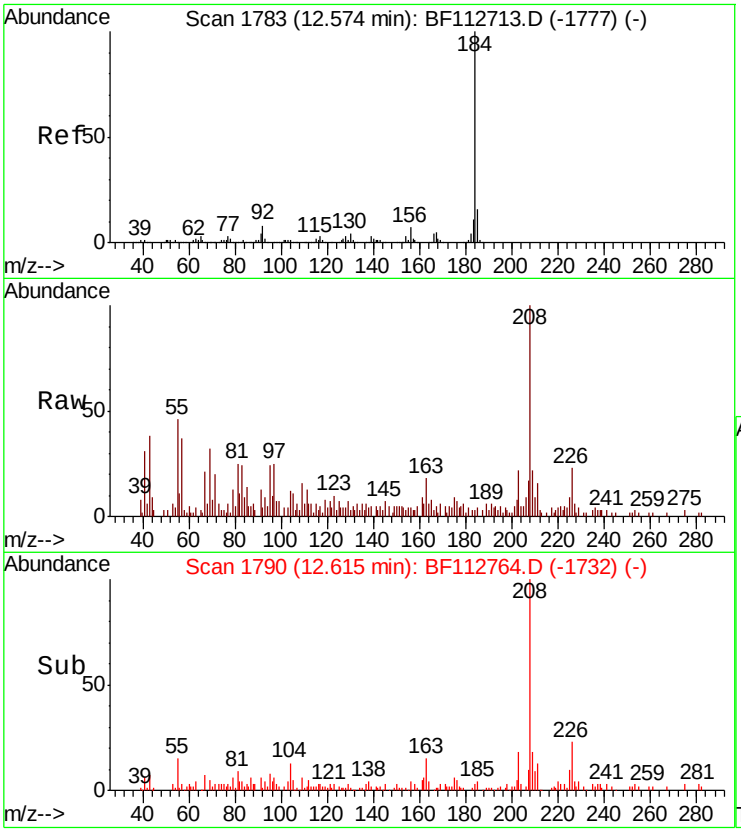


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:240 Resp: 490701

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.9	13.3
236	26.1	20.7	31.1



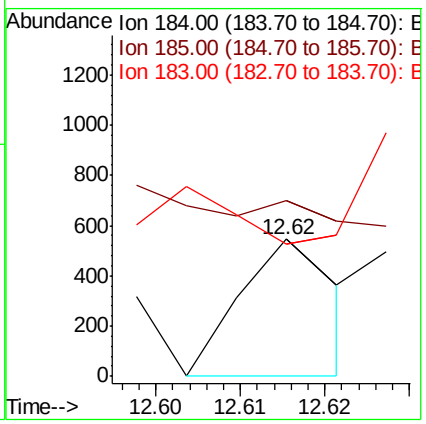


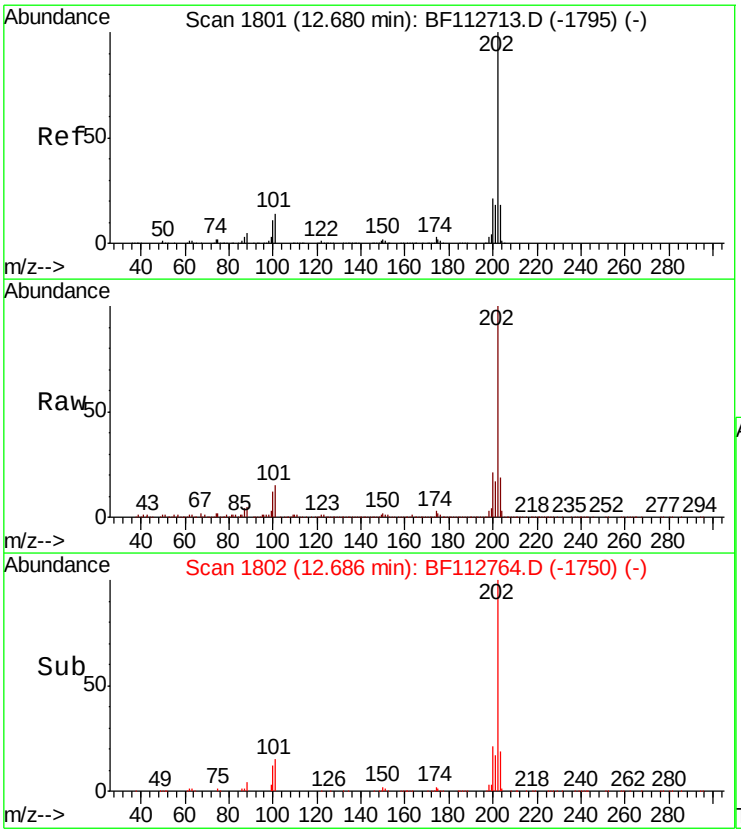
#77
Benzidine
Concen: 0.017 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.04 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:184 Resp: 430

Ion	Ratio	Lower	Upper
184	100		
185	128.6	12.6	18.8#
183	96.7	8.6	12.8#

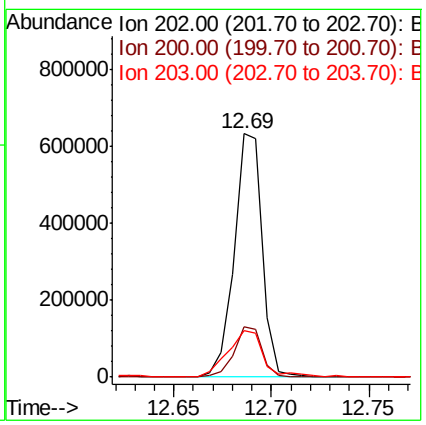


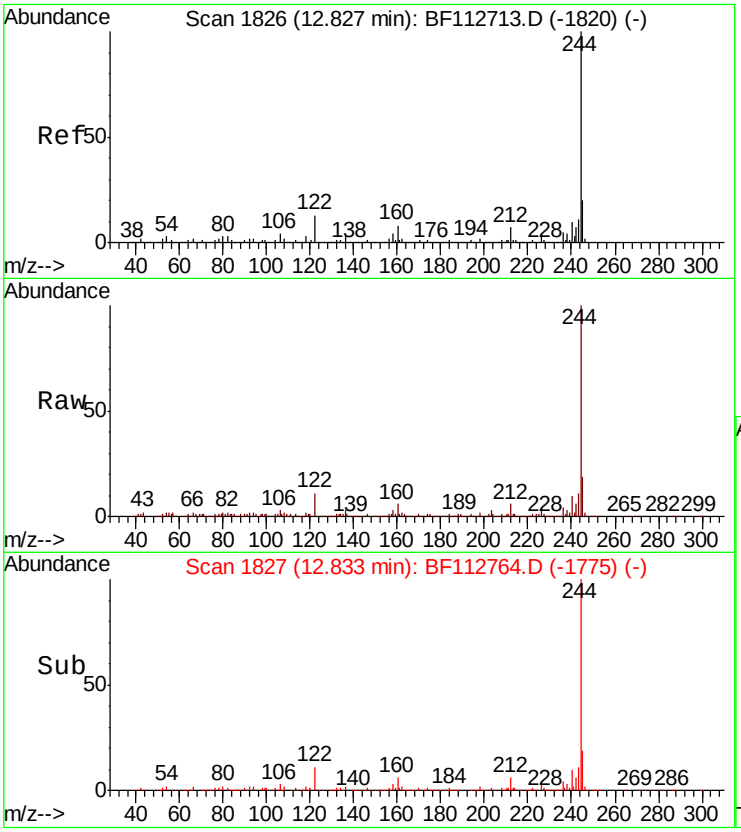


#78
Pyrene
Concen: 15.131 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:202 Resp: 625944

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	19.1	14.4	21.6



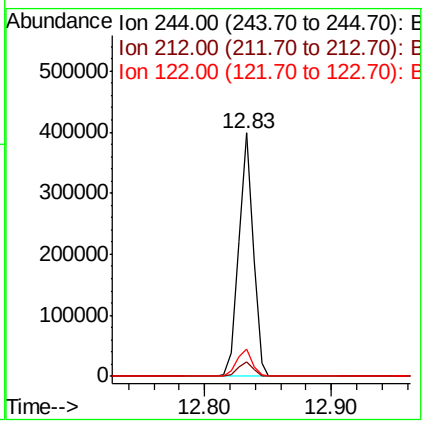


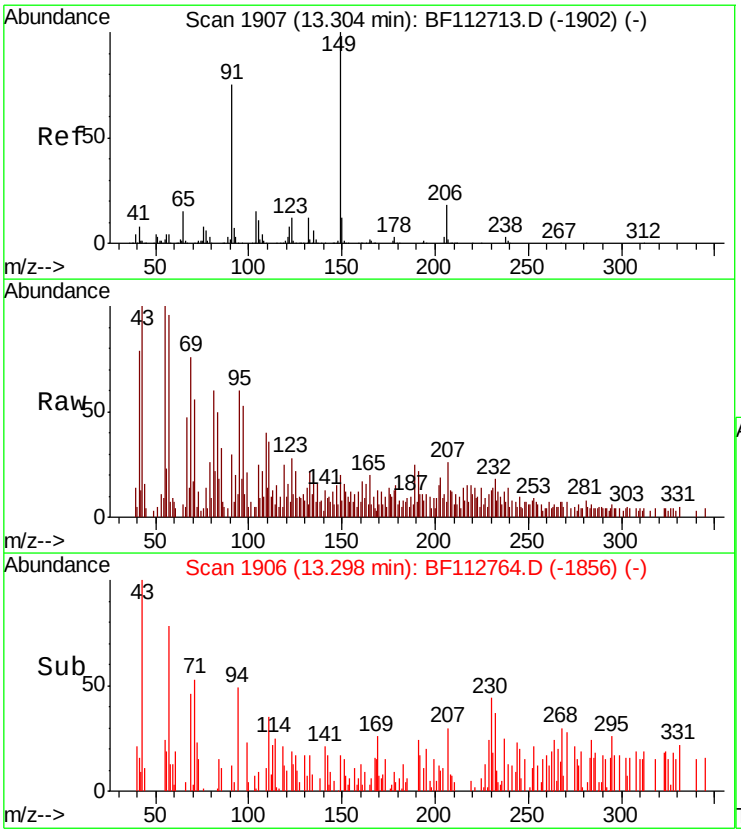
#79
Terphenyl-d14
Concen: 12.215 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument : BNA_F
ClientSampleId : OR-03-022719-A

Tgt Ion:244 Resp: 309193

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	11.3	10.5	15.7

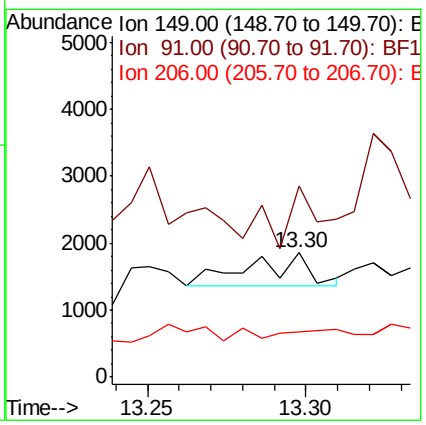


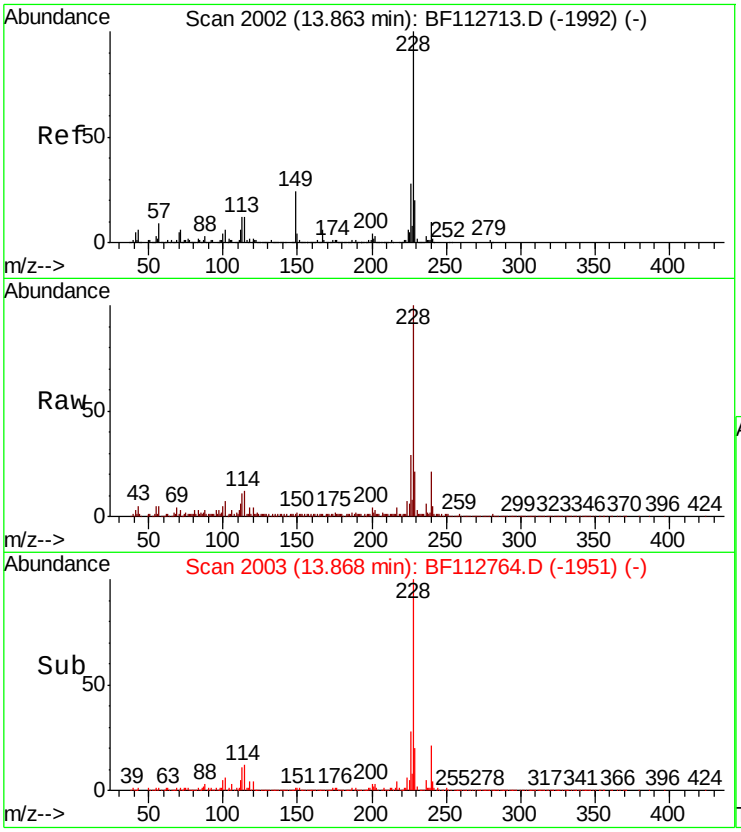


#80
Butylbenzylphthalate
Concen: 0.034 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:149 Resp: 624

Ion	Ratio	Lower	Upper
149	100		
91	153.6	59.9	89.9#
206	36.7	14.7	22.1#



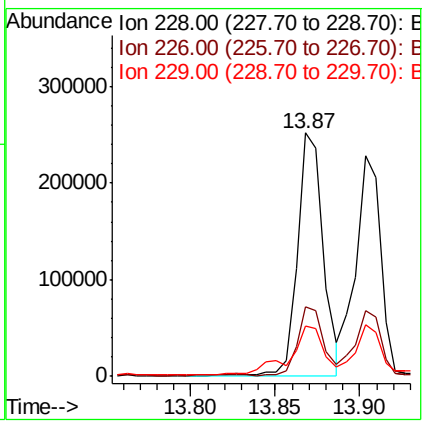


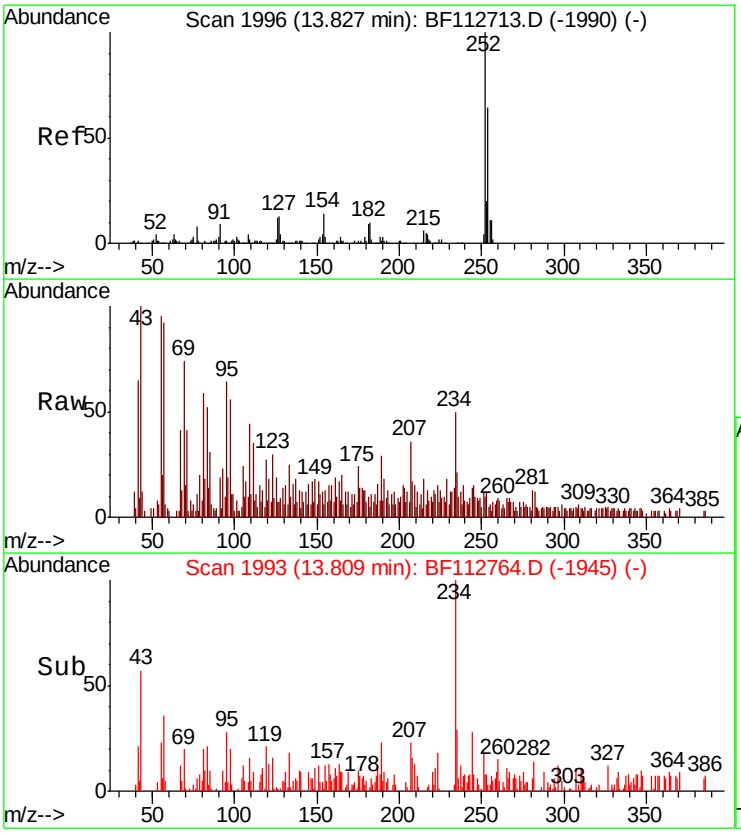
#81
Benzo(a)anthracene
Concen: 7.780 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:228 Resp: 264581

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.2	33.4
229	20.7	16.0	24.0

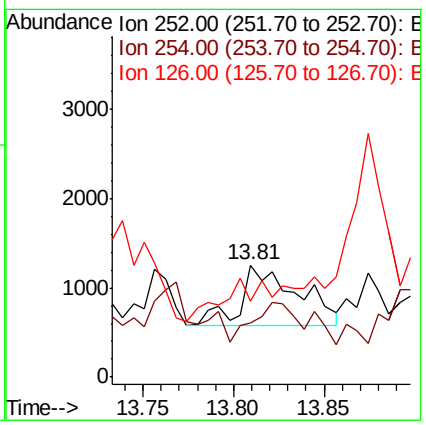


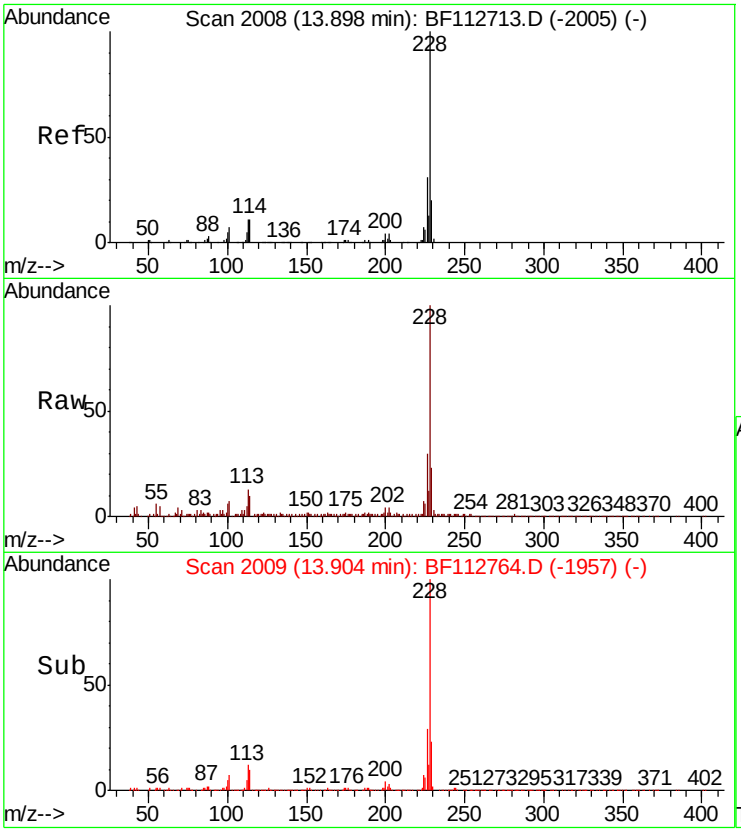


#82
3,3'-Dichlorobenzidine
Concen: 0.115 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:252 Resp: 1474

Ion	Ratio	Lower	Upper
252	100		
254	48.4	51.1	76.7#
126	67.3	9.9	14.9#



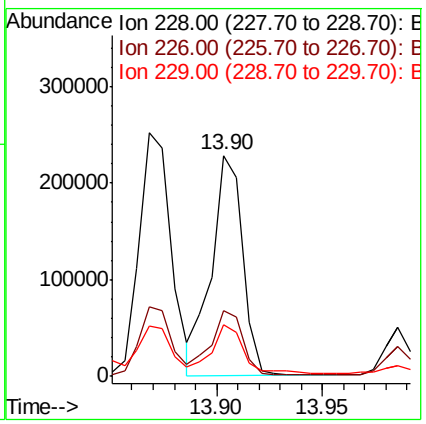


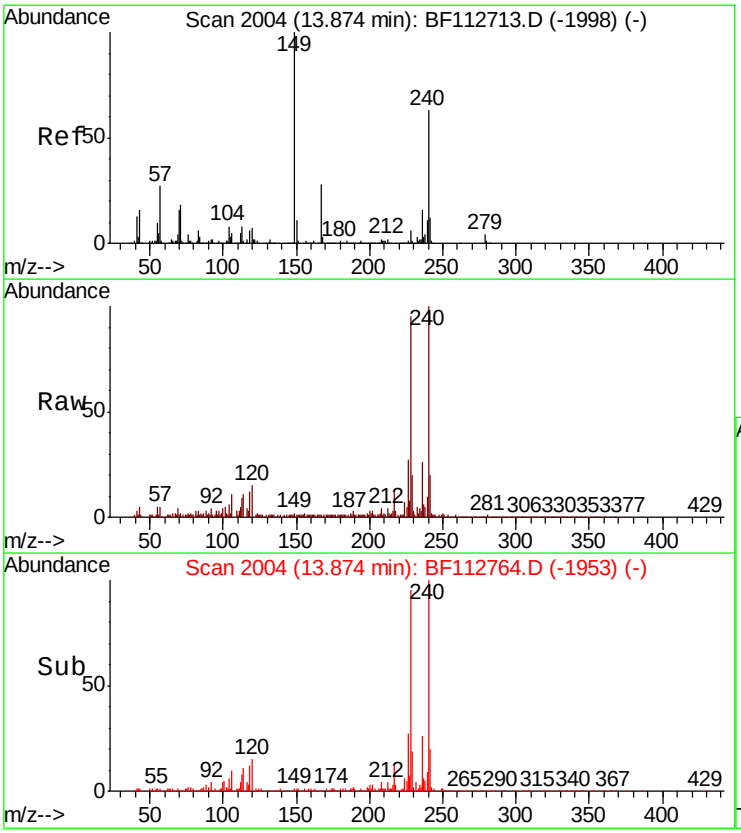
#83
Chrysene
Concen: 7.010 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:228 Resp: 233530

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	23.1	16.3	24.5

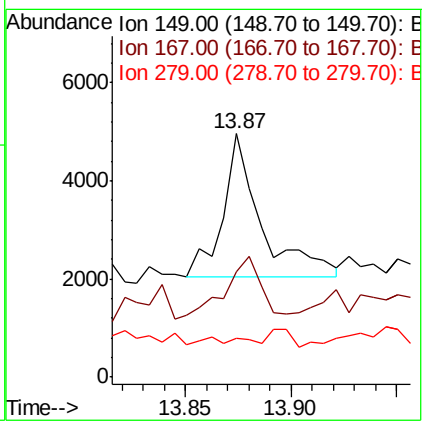


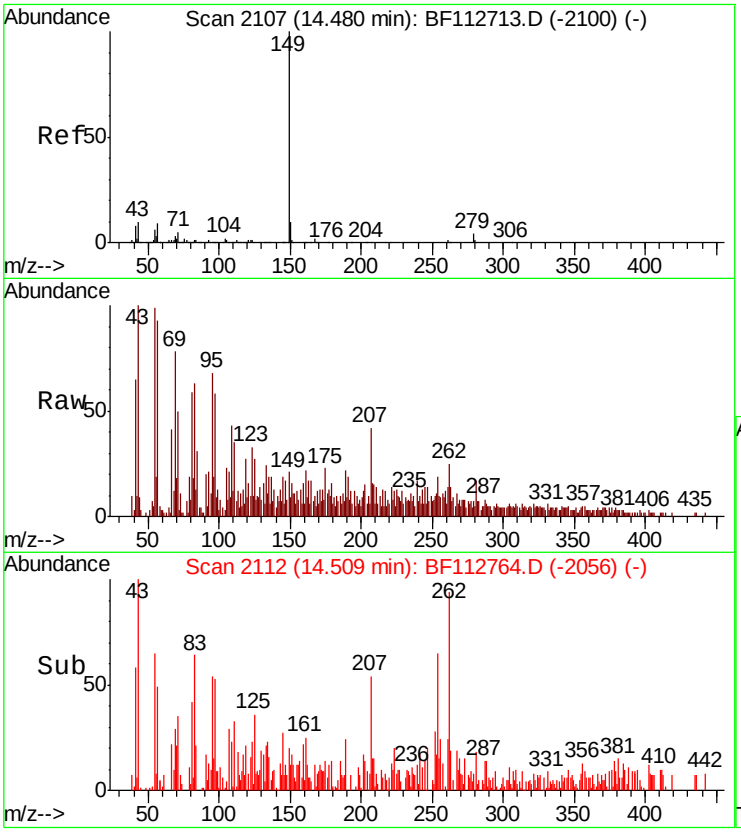


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:149 Resp: 3632

Ion	Ratio	Lower	Upper
149	100		
167	43.3	22.4	33.6#
279	16.0	3.3	4.9#



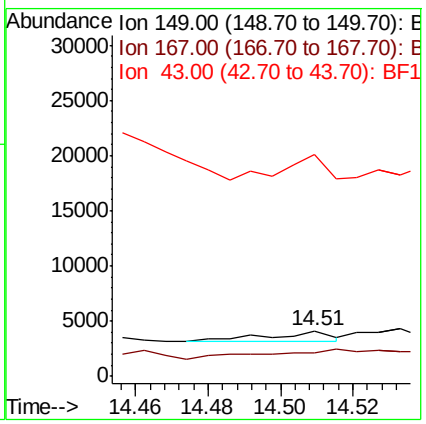


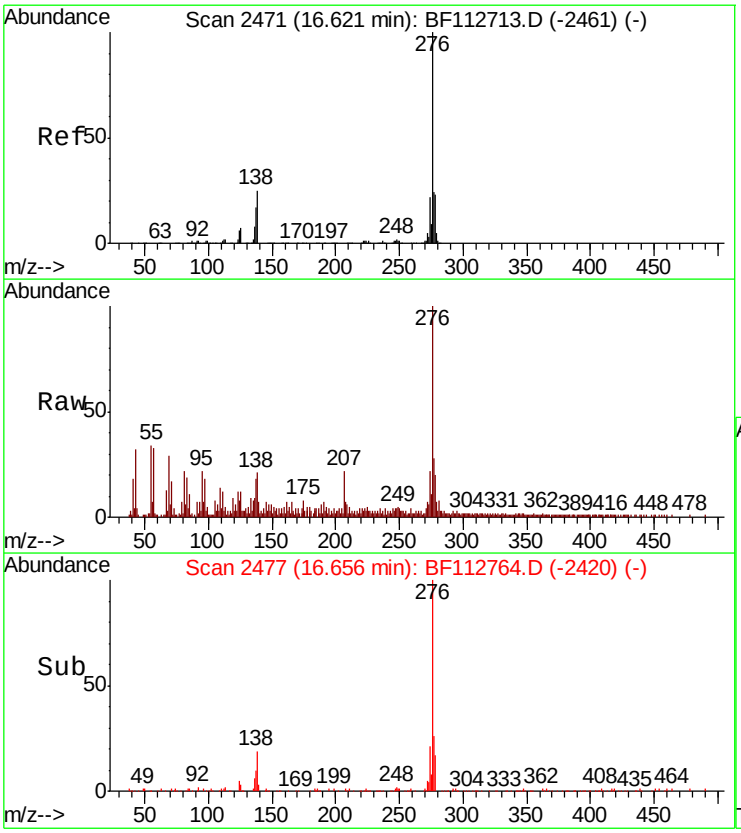
#85
Di-n-octyl phthalate
Concen: 0.029 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.03 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:149 Resp: 1053

Ion	Ratio	Lower	Upper
149	100		
167	195.7	1.2	1.8#
43	99.2	9.0	13.4#

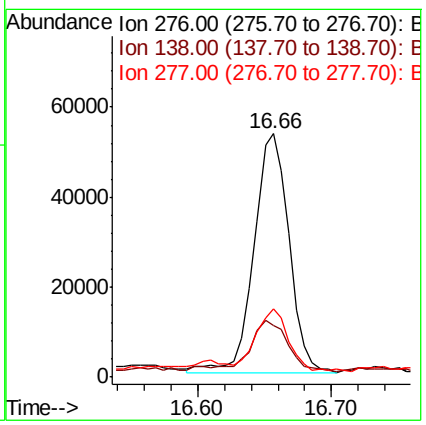


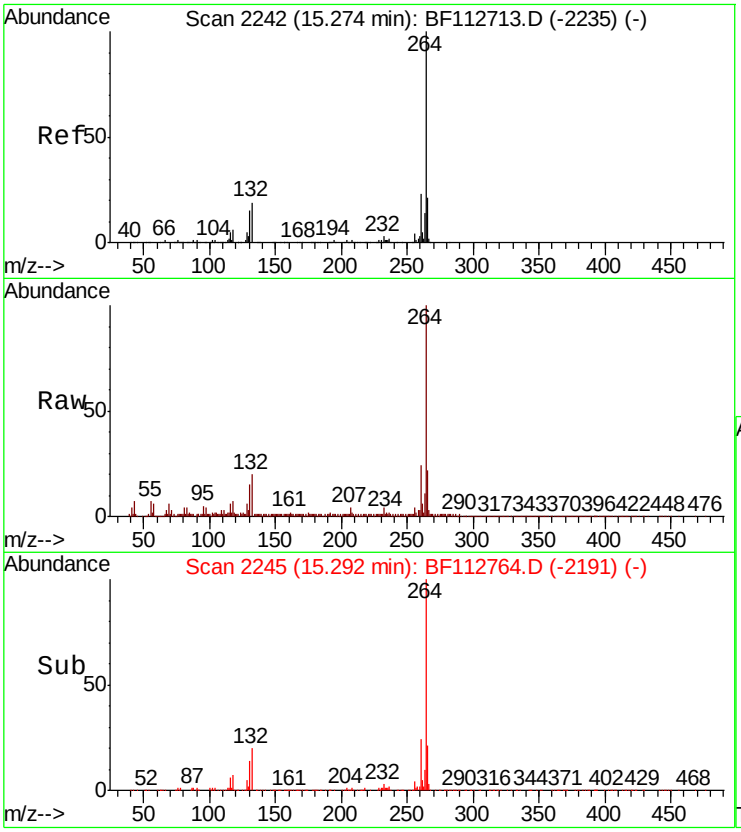


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.377 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.04 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:276 Resp: 95902

Ion	Ratio	Lower	Upper
276	100		
138	21.9	23.2	34.8#
277	24.5	19.9	29.9



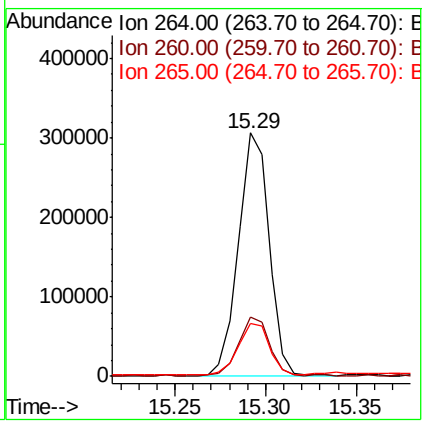


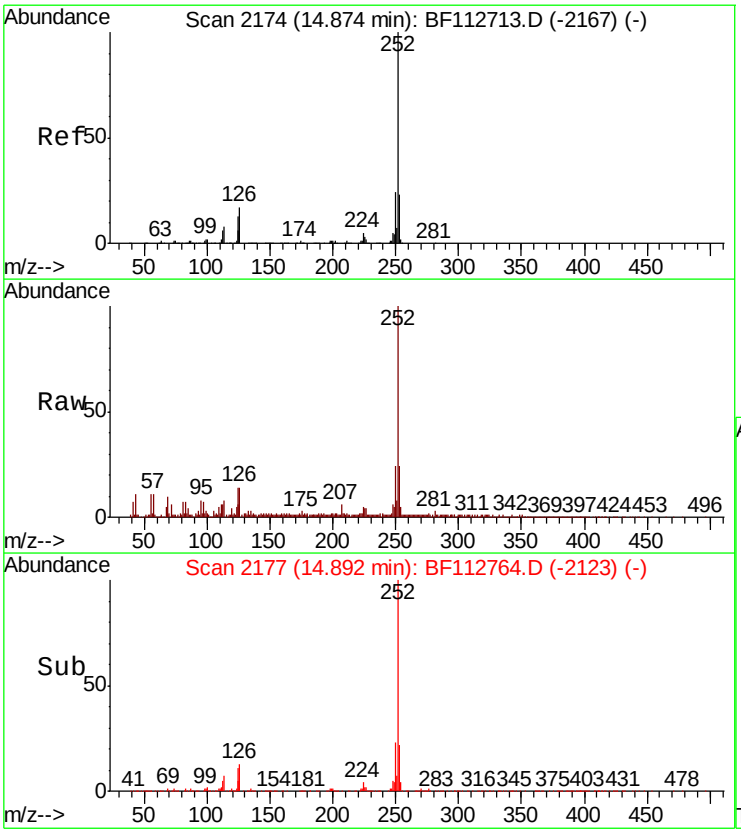
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:264 Resp: 357078

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.6	17.2	25.8

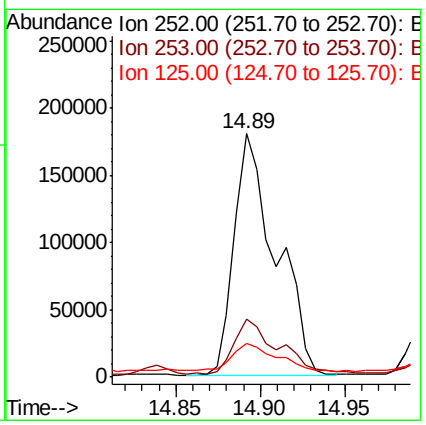


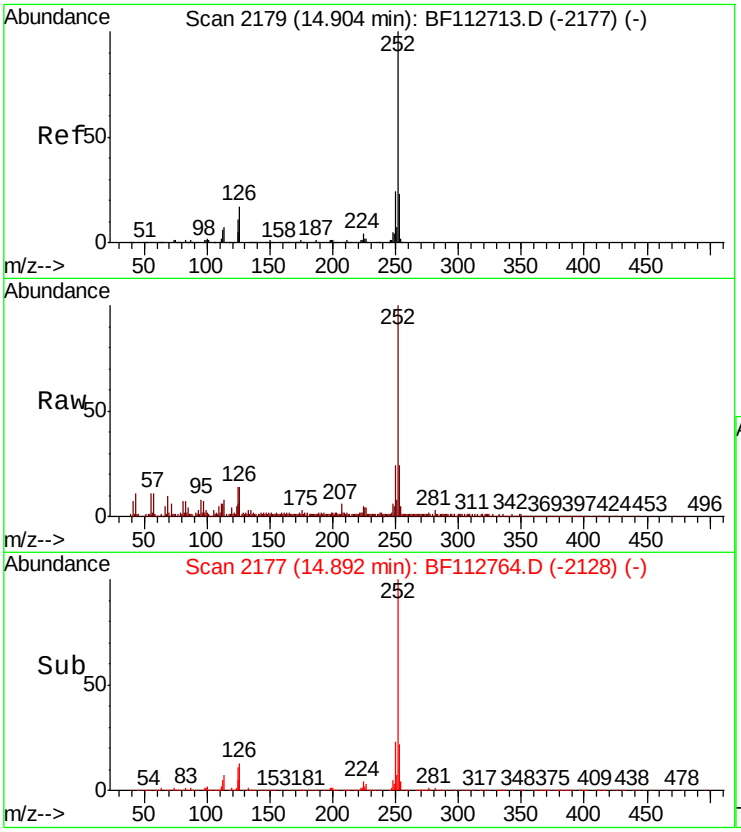


#88
Benzo(b)fluoranthene
Concen: 13.383 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:252 Resp: 309101

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.9	10.2	15.2



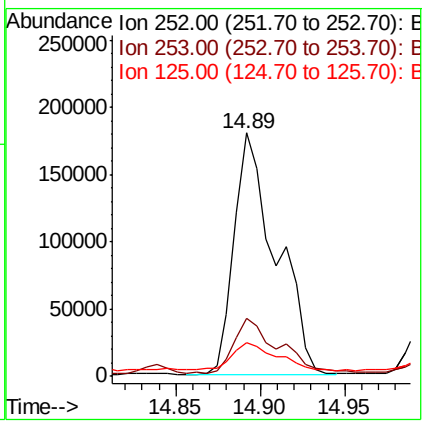


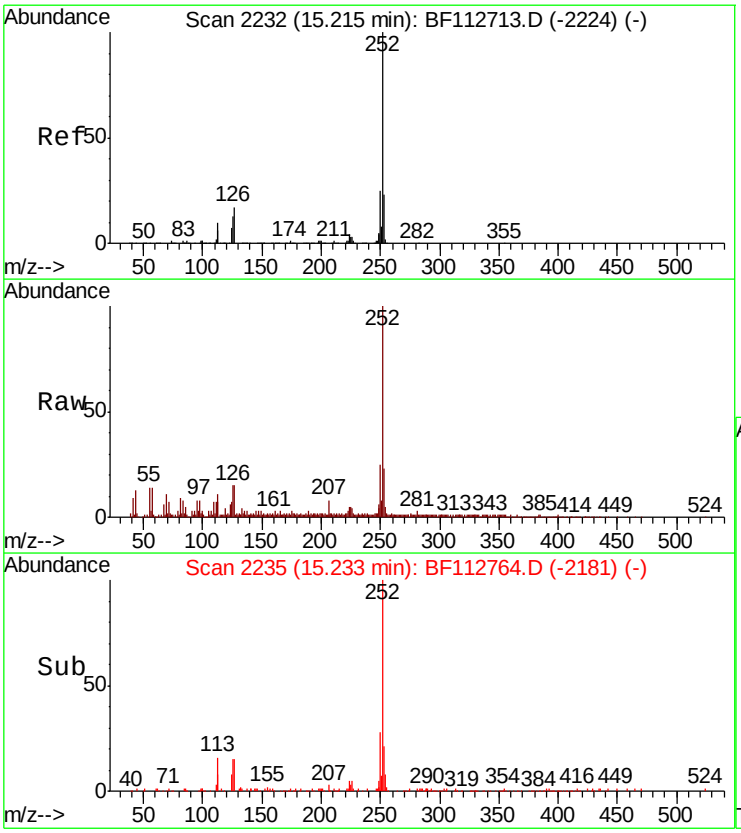
#89
Benzo(k)fluoranthene
Concen: 14.775 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

Tgt Ion:252 Resp: 309101

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	13.9	9.8	14.6

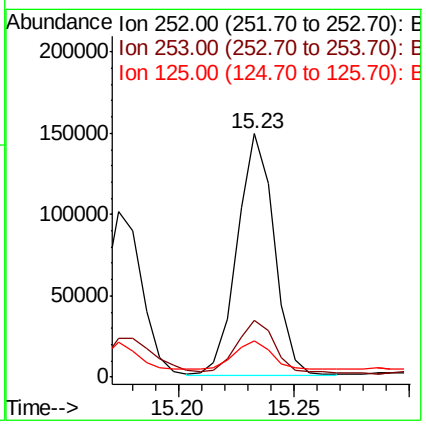


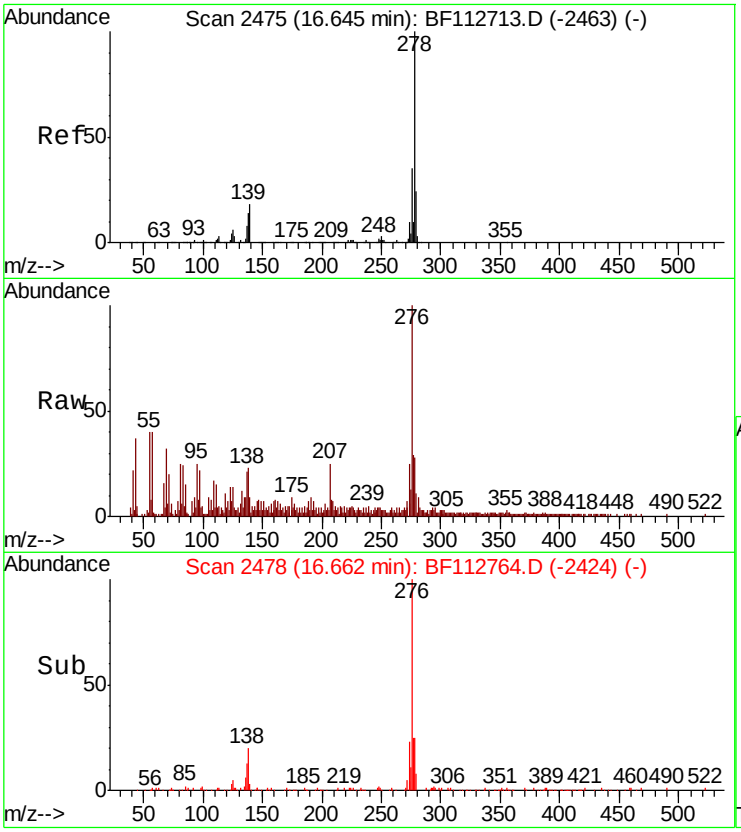


#90
Benzo(a)pyrene
Concen: 8.040 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:252 Resp: 164244

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.8	10.7	16.1



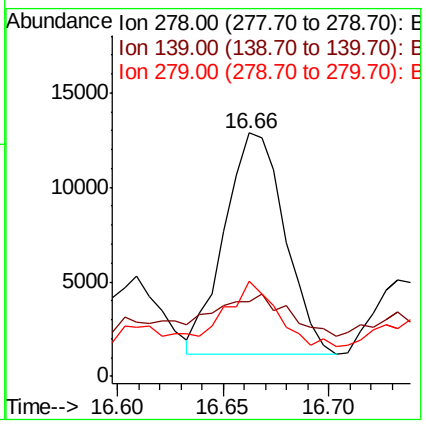


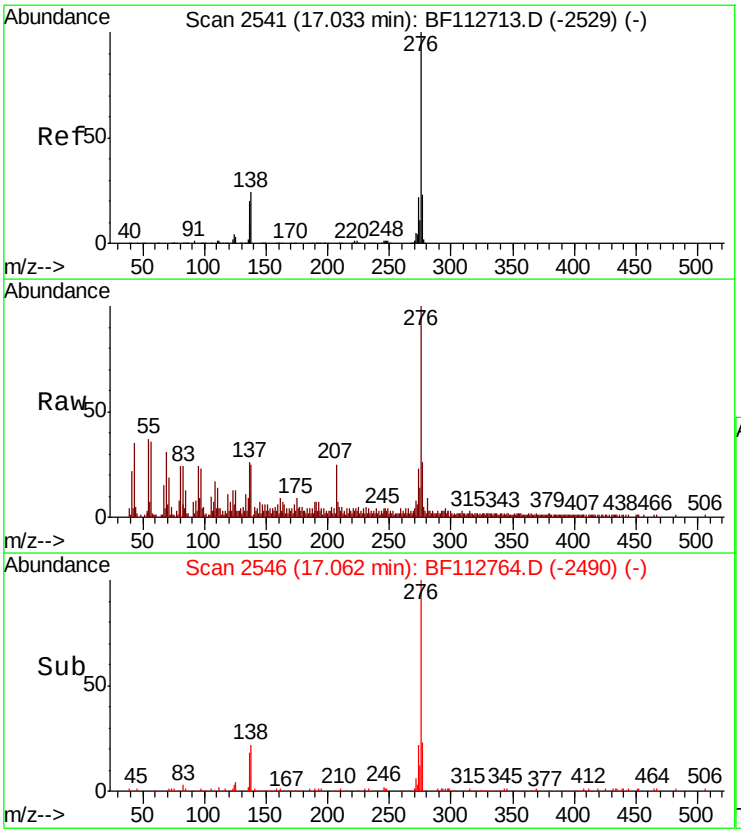
#91
Dibenzo(a,h)anthracene
Concen: 1.340 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.02 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Instrument :
BNA_F
ClientSampleId :
OR-03-022719-A

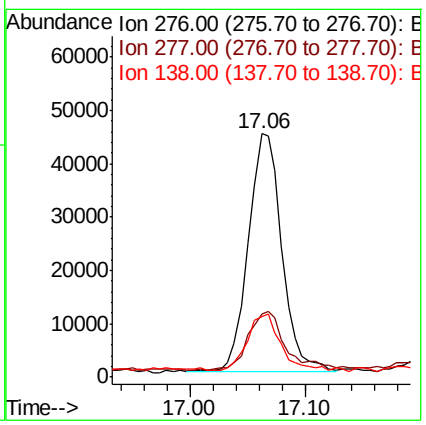
Tgt Ion:278 Resp: 23355

Ion	Ratio	Lower	Upper
278	100		
139	30.6	14.3	21.5#
279	39.0	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 5.157 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112764.D
Acq: 28 Feb 2019 16:03

Tgt Ion:276 Resp: 90272

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	27.8
138	25.1	19.4	29.0