Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112723.D
Acq On : 27 Feb 2019 17:07
Operator : JU/SJ
Sample : K1594-29
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4(4-5)

Quant Time: Feb 28 02:00:17 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	6.74	152	179789	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	661131	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	279837	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	467618	20.00	ng	0.00
76) Chrysene-d12	13.86	240	435235	20.00	ng	-0.01
87) Perylene-d12	15.27	264	493715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1020685	88.31	ng	0.00
7) Phenol-d6	6.37	99	1285066	88.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	754875	68.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	248896	83.78	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1233287	73.91	ng	0.00
79) Terphenyl-d14	12.82	244	1012153	45.08	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.15	42	119	0.018	ng	# 1
6) Aniline	6.37	93	457	0.023	ng	# 1
8) 2-Chlorophenol	6.52	128	131	0.010	ng	# 1
9) Benzaldehyde	6.37	77	2173	0.208	ng	# 1
10) Phenol	6.37	94	21807	1.287	ng	79
11) bis(2-Chloroethyl)ether	6.50	93	1520	0.117	ng	# 1
15) Benzyl Alcohol	6.89	79	13457	1.216	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	6.80	45	152	0.007	ng	71
19) n-Nitroso-di-n-propylamine	7.29	70	98601	10.723	ng	# 79
22) Acetophenone	7.14	105	580	0.038	ng	# 76
24) Nitrobenzene	7.29	77	2328	0.189	ng	# 28
25) Isophorone	7.29	82	754933	31.716	ng	# 66
28) bis(2-Chloroethoxy)methane	8.02	93	109	0.007	ng	# 6
31) Naphthalene	8.04	128	571	0.017	ng	# 68
37) 2-Methylnaphthalene	8.73	142	114	0.005	ng	# 15
38) 1-Methylnaphthalene	8.73	142	114	0.006	ng	# 7
46) 1,1'-Biphenyl	9.19	154	2201	0.096	ng	81
47) 2-Chloronaphthalene	9.49	162	672	0.038	ng	# 1
48) 2-Nitroaniline	9.48	65	1346	0.248	ng	# 1
50) Dimethylphthalate	9.49	163	121247	5.876	ng	98
51) 2,6-Dinitrotoluene	9.49	165	1427	0.332	ng	# 41
52) Acenaphthene	9.77	154	816	0.046	ng	# 5
55) Dibenzofuran	9.97	168	112	0.004	ng	# 44
57) 2,4-Dinitrotoluene	9.76	165	35448	6.637	ng	# 18
58) Fluorene	10.54	166	11856	0.650	ng	# 87
60) Diethylphthalate	10.19	149	1021	0.047	ng	# 60
63) Azobenzene	10.54	77	1837	0.082	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.54	198	552	4.872	ng	# 1
66) n-Nitrosodiphenylamine	10.54	169	7679	0.512	ng	# 43
67) 4-Bromophenyl-phenylether	10.54	248	15029	3.051	ng	# 1
71) Phenanthrene	11.26	178	504	0.022	ng	# 59
72) Anthracene	11.26	178	504	0.021	ng	# 59
73) Carbazole	11.46	167	391	0.016	ng	# 44
74) Di-n-butylphthalate	11.81	149	3108	0.109	ng	# 94

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112723.D
Acq On : 27 Feb 2019 17:07
Operator : JU/SJ
Sample : K1594-29
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-4(4-5)

Quant Time: Feb 28 02:00:17 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)
75) Fluoranthene	12.44	202	370	0.015	ng		62
77) Benzidine	12.70	184	578	0.026	ng	#	1
78) Pyrene	12.67	202	708	0.019	ng	#	55
80) Butylbenzylphthalate	13.30	149	516	0.032	ng	#	51
81) Benzo(a)anthracene	13.86	228	2286	0.076	ng	#	55
82) 3,3'-Dichlorobenzidine	13.86	252	107	0.009	ng	#	1
83) Chrysene	13.86	228	2286	0.077	ng	#	53
84) Bis(2-ethylhexyl)phthalate	13.87	149	44876	2.362	ng		98
85) Di-n-octyl phthalate	14.48	149	1054	0.032	ng	#	74
86) Indeno(1,2,3-cd)pyrene	16.61	276	392	0.016	ng	#	1
88) Benzo(b)fluoranthene	14.87	252	1124	0.035	ng	#	1
89) Benzo(k)fluoranthene	14.93	252	126	0.004	ng	#	1
90) Benzo(a)pyrene	15.21	252	571	0.020	ng	#	1
91) Dibenzo(a,h)anthracene	16.83	278	107	0.004	ng	#	1
92) Benzo(g,h,i)perylene	17.01	276	1176	0.049	ng	#	17

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112723.D
Acq On : 27 Feb 2019 17:07
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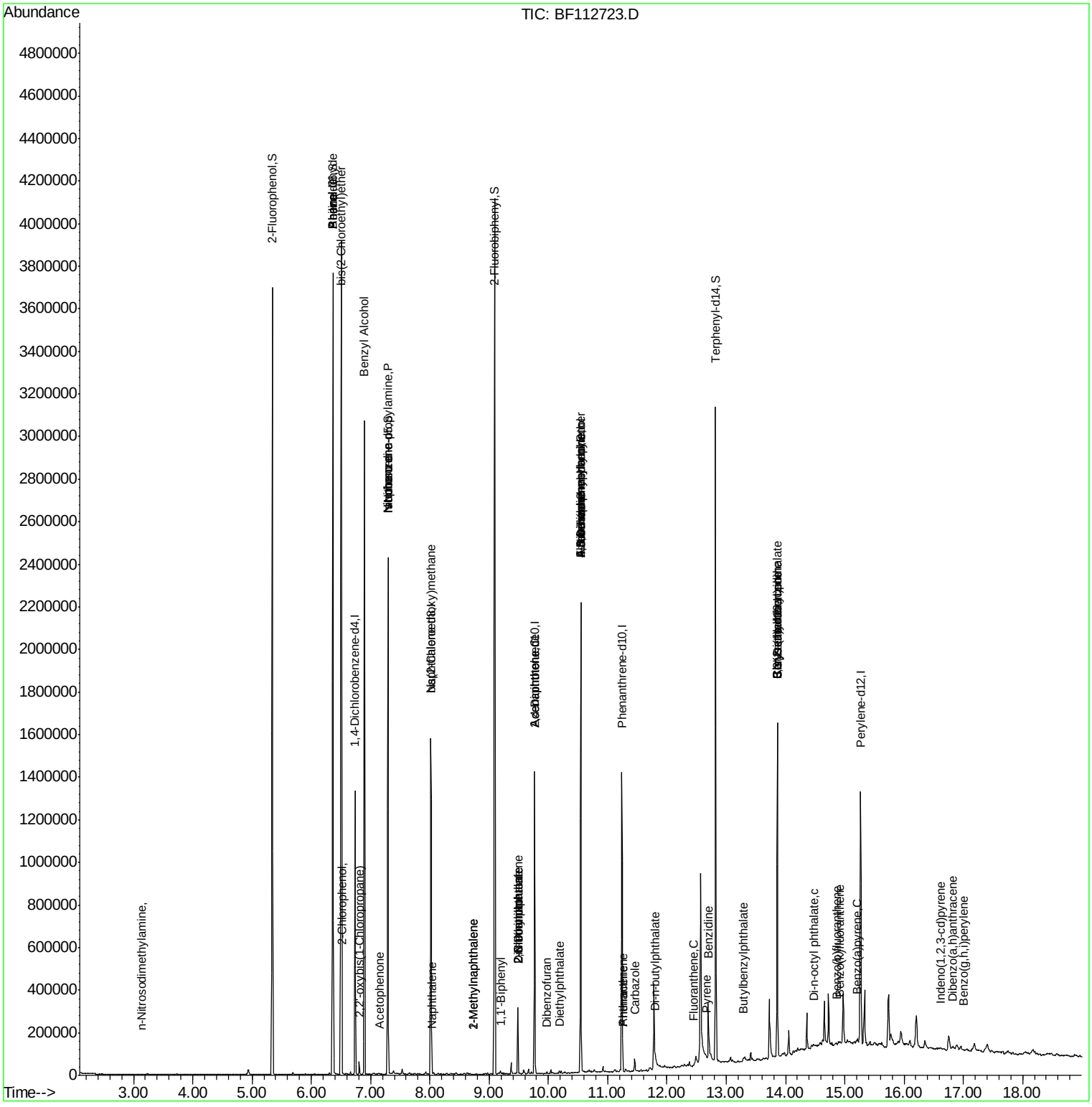
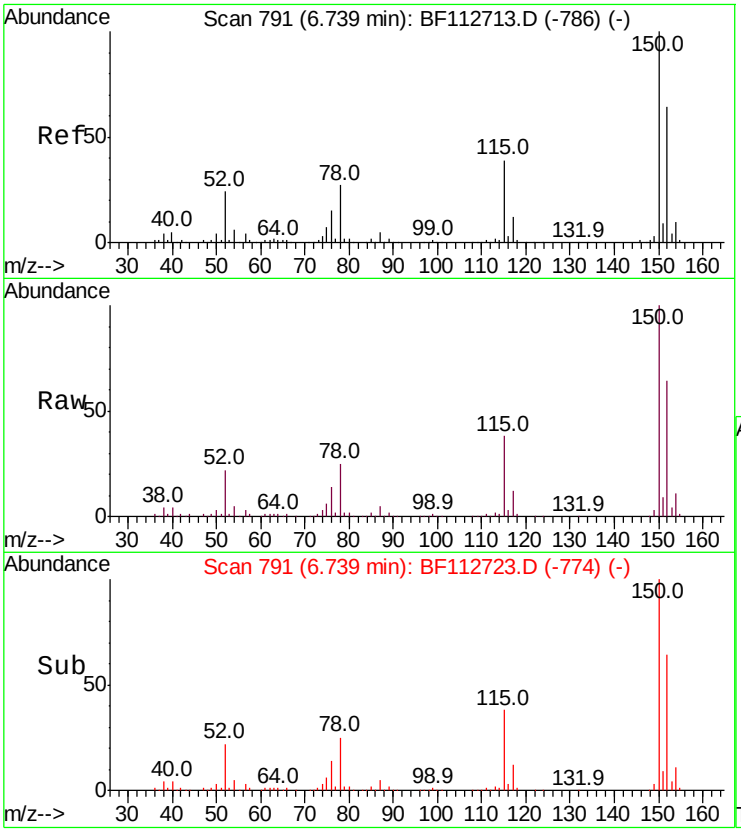
Sample : K1594-29
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Quant Time: Feb 28 02:00:17 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



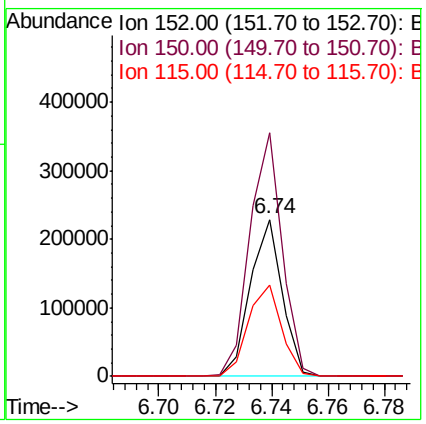


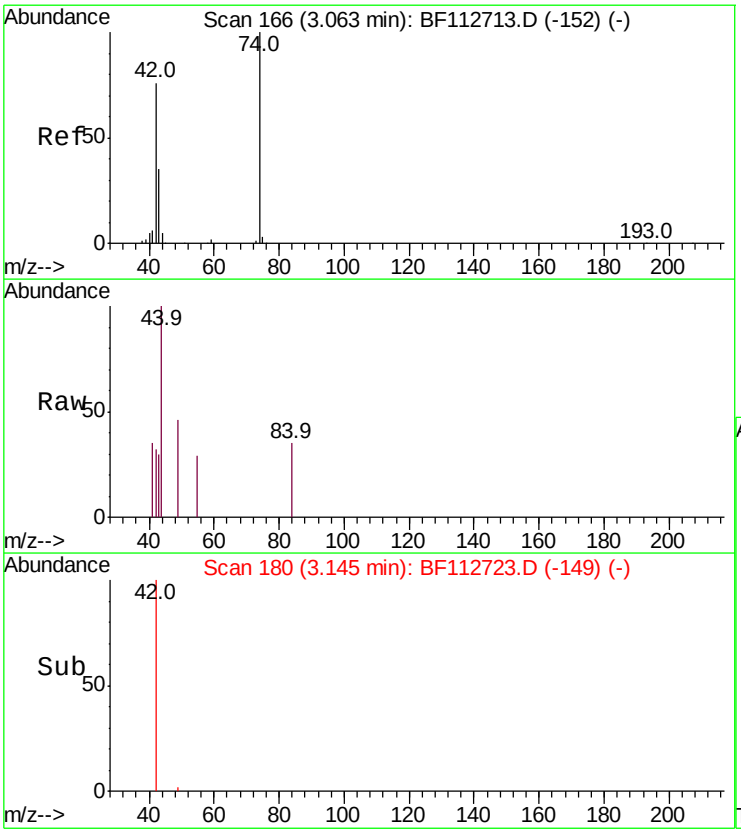
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:152 Resp: 179789

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	58.3	48.2	72.4

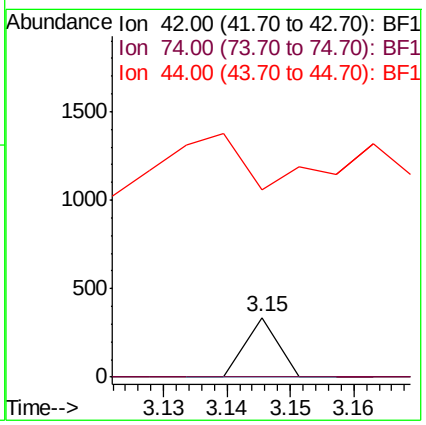


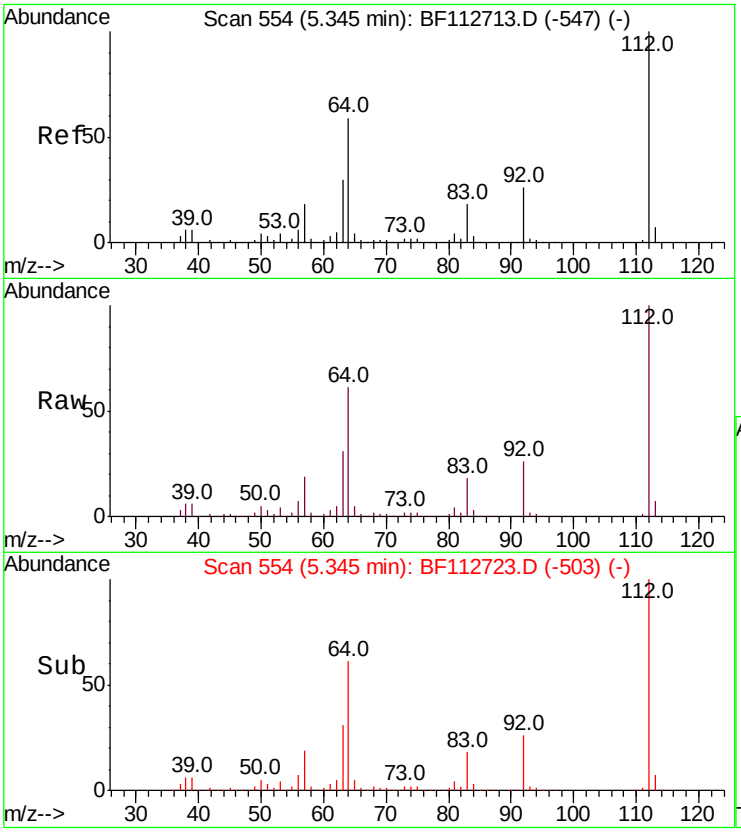


#4
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 3.15 min Scan# 180
Delta R.T. 0.08 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 42 Resp: 119

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	314.6	6.2	9.2#



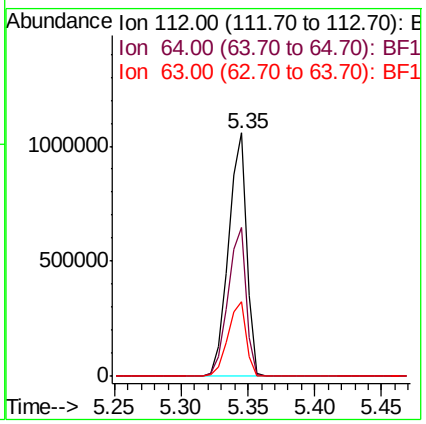


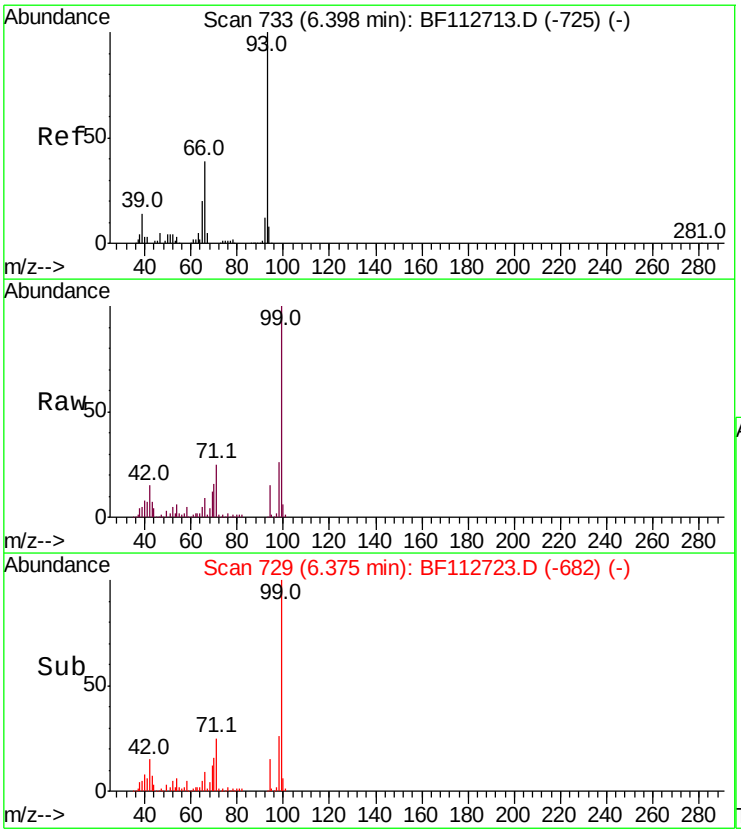
#5
2-Fluorophenol
Concen: 88.310 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:112 Resp: 1020685

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.6	71.4
63	30.8	24.4	36.6

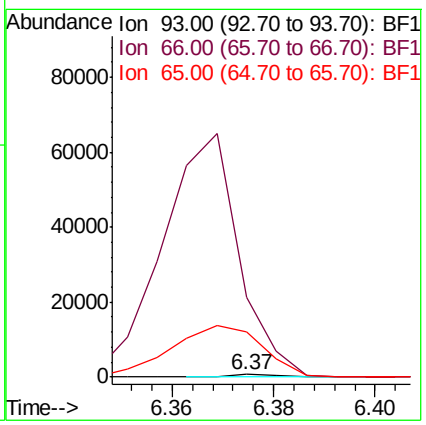


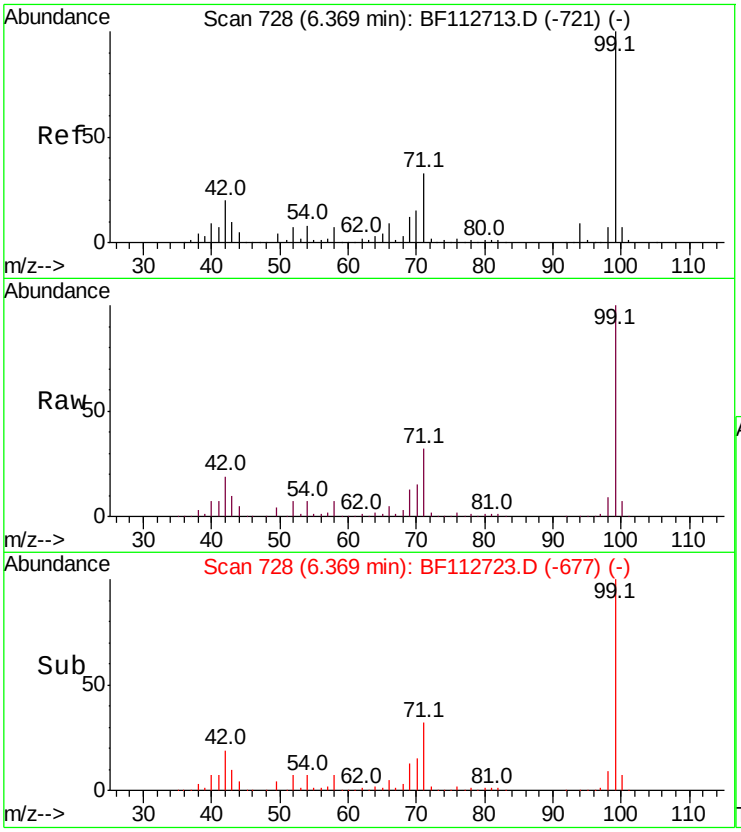


#6
Aniline
Concen: 0.023 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 93 Resp: 457

Ion	Ratio	Lower	Upper
93	100		
66	2886.7	32.2	48.2#
65	1650.8	16.2	24.4#



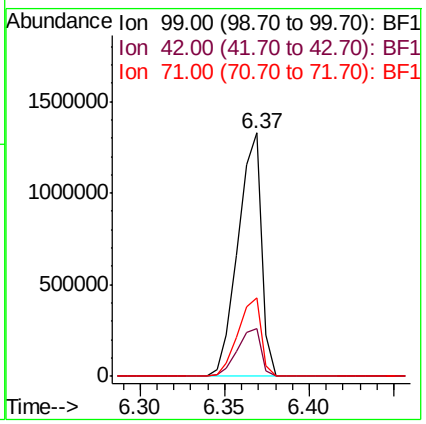


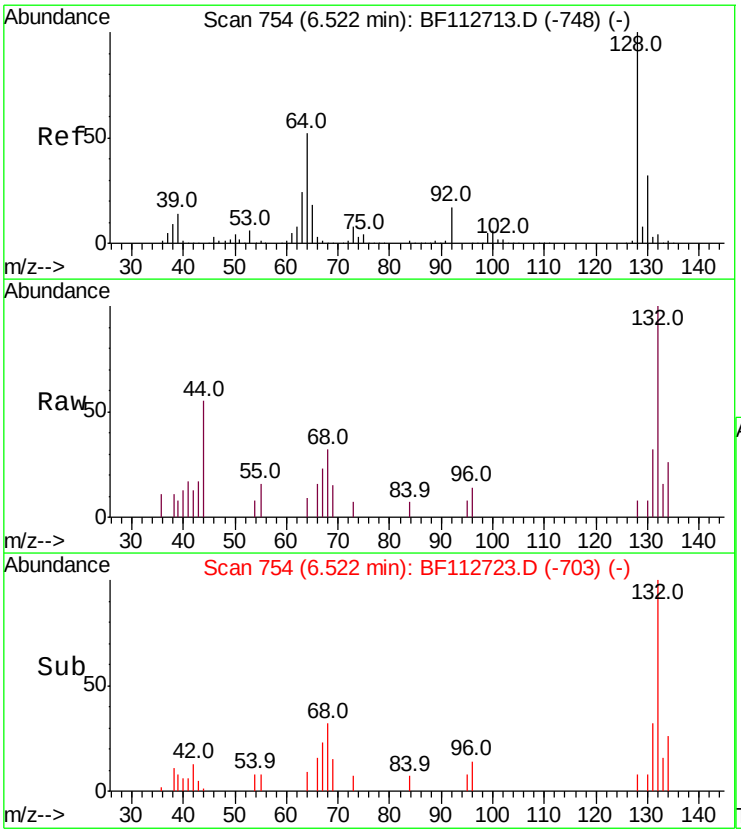
#7
Phenol-d6
Concen: 88.511 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 99 Resp: 1285066

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.3	24.5
71	32.1	26.2	39.4

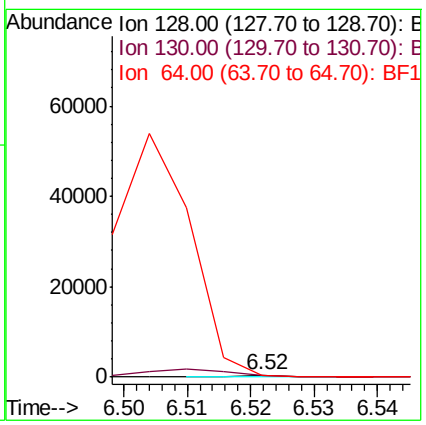


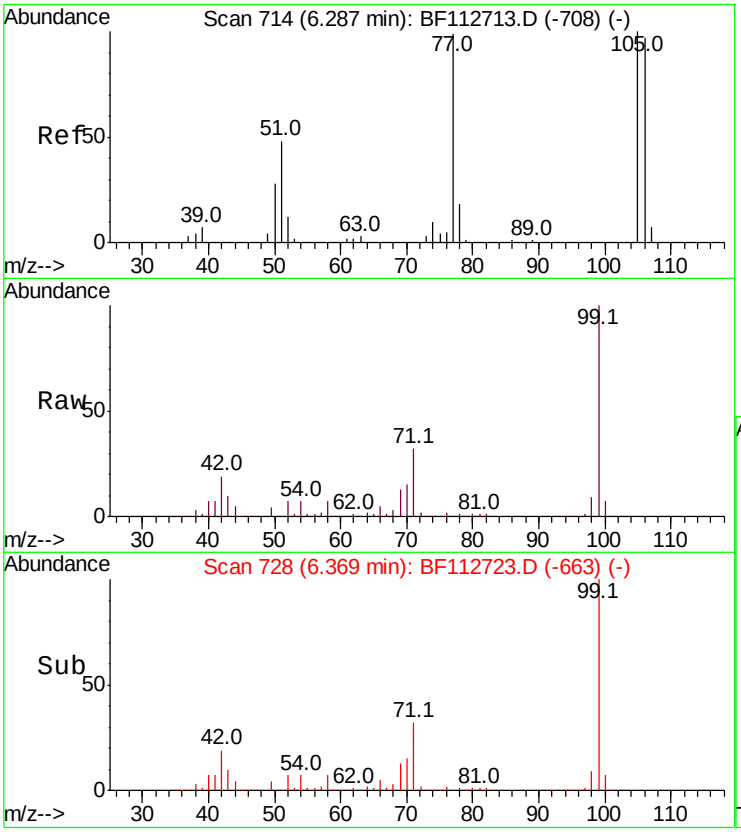


#8
2-Chlorophenol
Concen: 0.010 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:128 Resp: 131

Ion	Ratio	Lower	Upper
128	100		
130	104.9	12.4	52.4#
64	110.5	32.2	72.2#



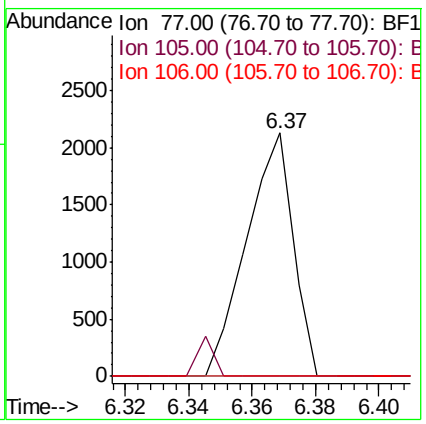


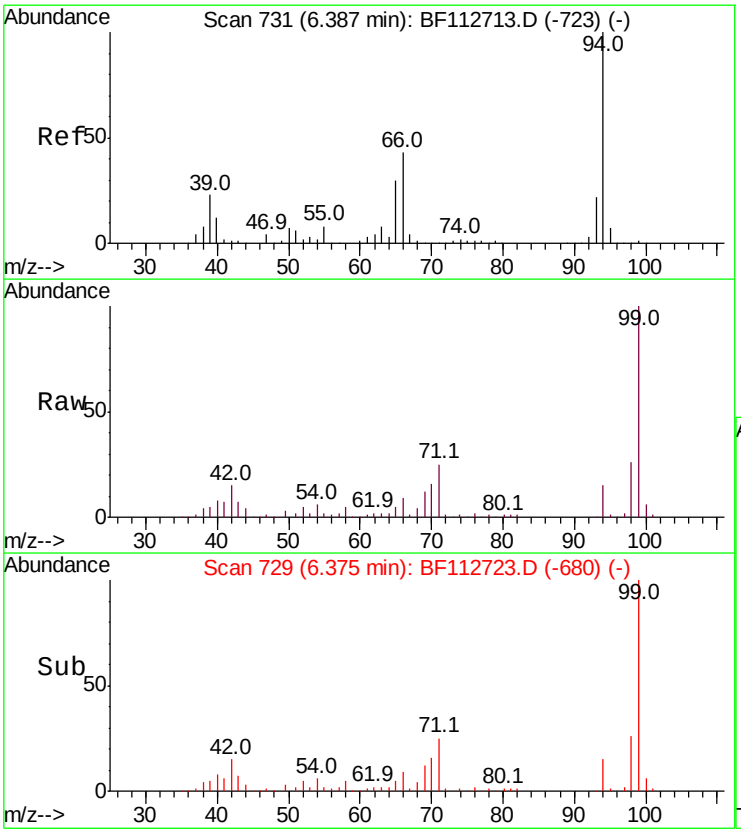
#9
Benzaldehyde
Concen: 0.208 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.08 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 77 Resp: 2173

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

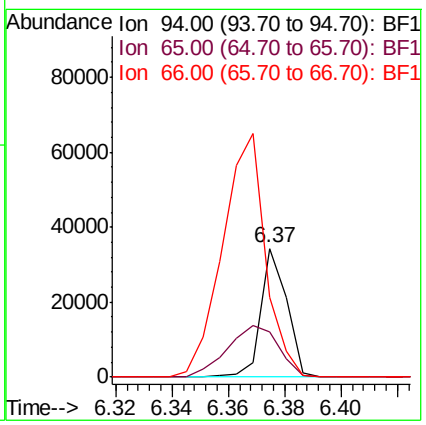


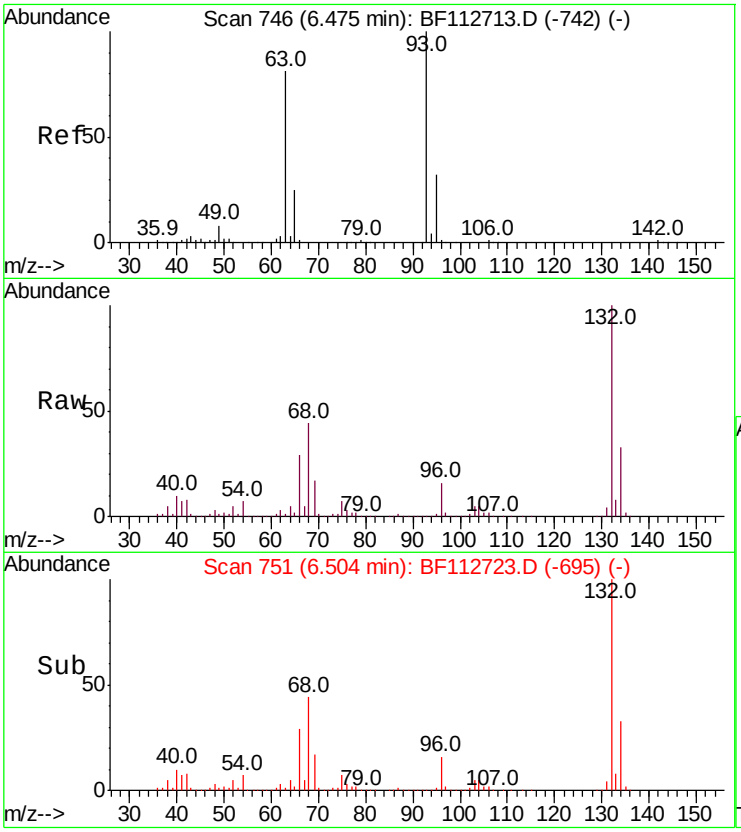


#10
Phenol
Concen: 1.287 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 94 Resp: 21807

Ion	Ratio	Lower	Upper
94	100		
65	35.4	10.5	50.5
66	61.9	22.6	62.6



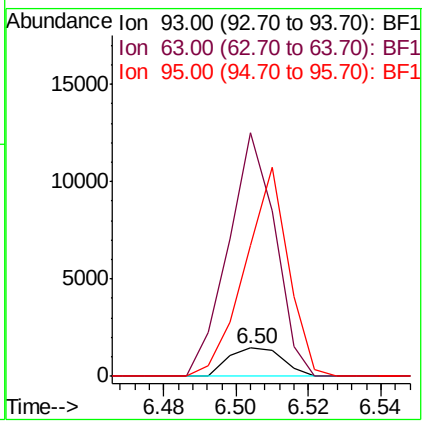


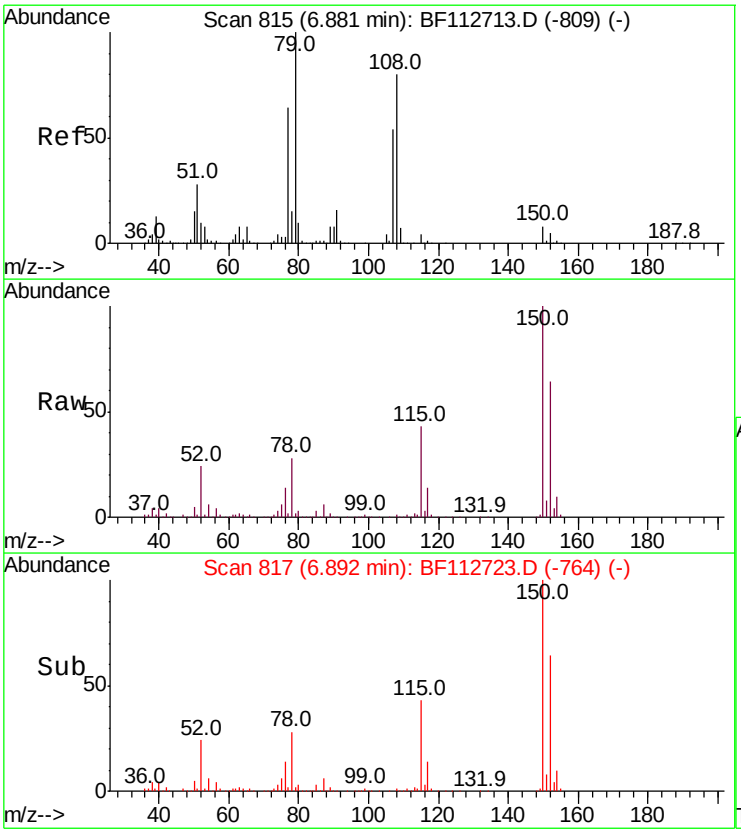
#11
bis(2-Chloroethyl)ether
Concen: 0.117 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 93 Resp: 1520

Ion	Ratio	Lower	Upper
93	100		
63	865.9	60.5	100.5#
95	466.8	12.1	52.1#

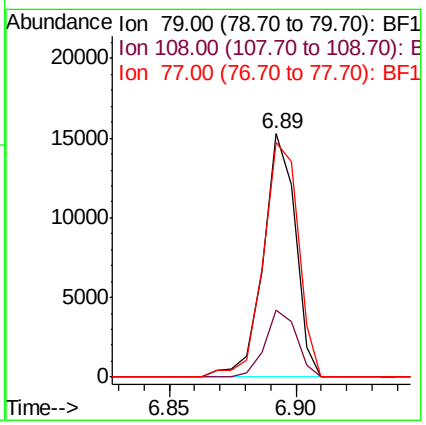


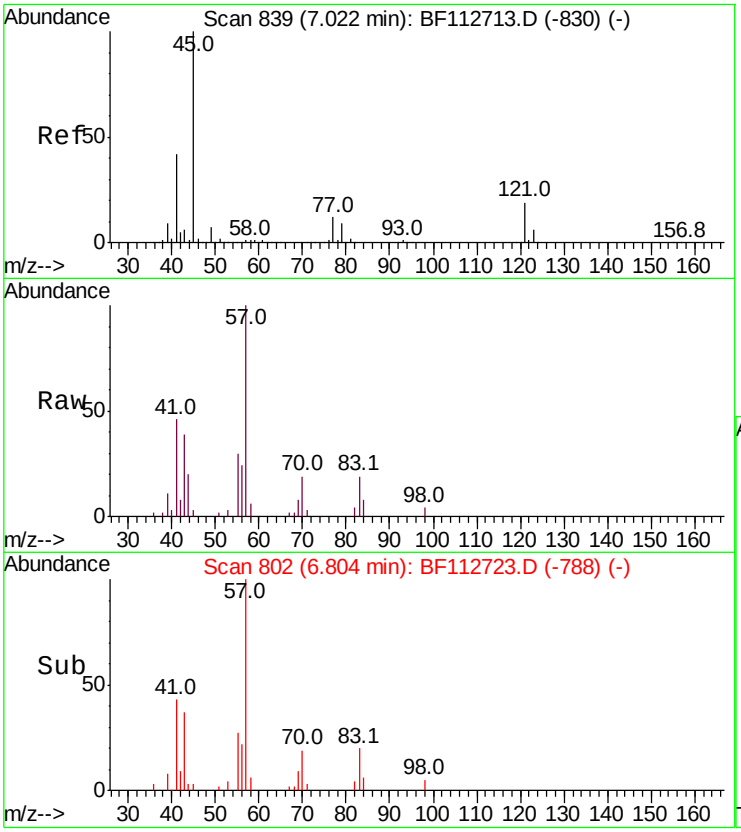


#15
Benzyl Alcohol
Concen: 1.216 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 79 Resp: 13457

Ion	Ratio	Lower	Upper
79	100		
108	27.5	64.2	96.4#
77	96.6	51.1	76.7#



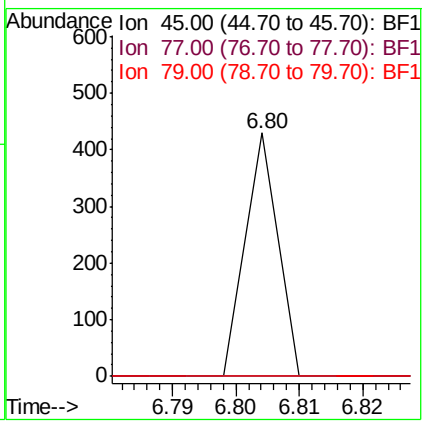


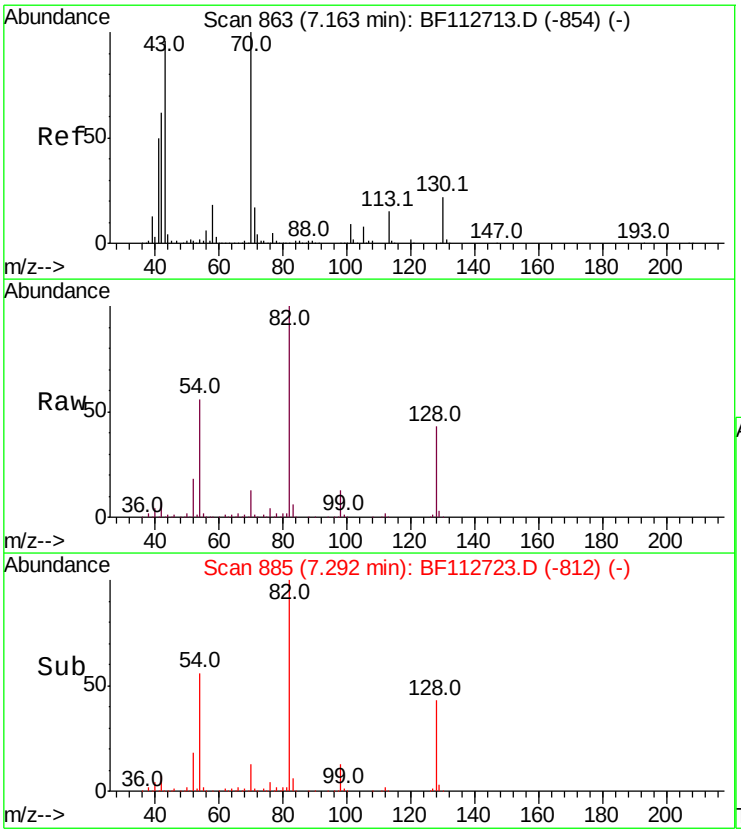
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.22 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 45 Resp: 152

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

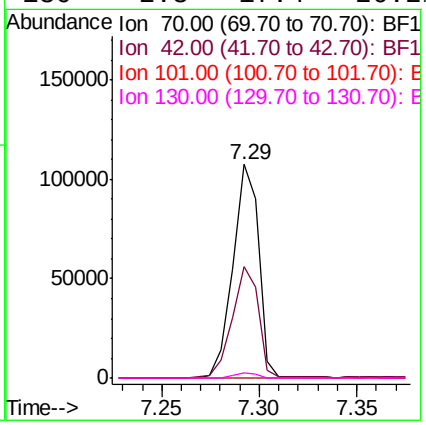


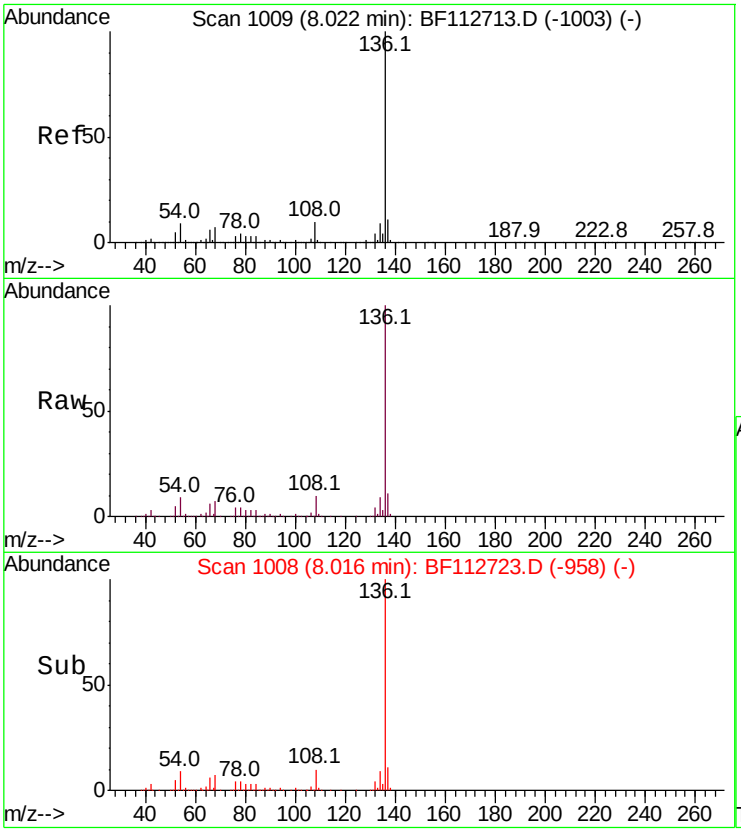


#19
n-Nitroso-di-n-propylamine
Concen: 10.723 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 70 Resp: 98601

Ion	Ratio	Lower	Upper
70	100		
42	52.4	49.9	74.9
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



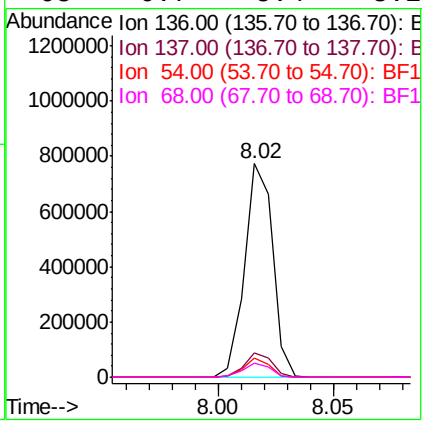


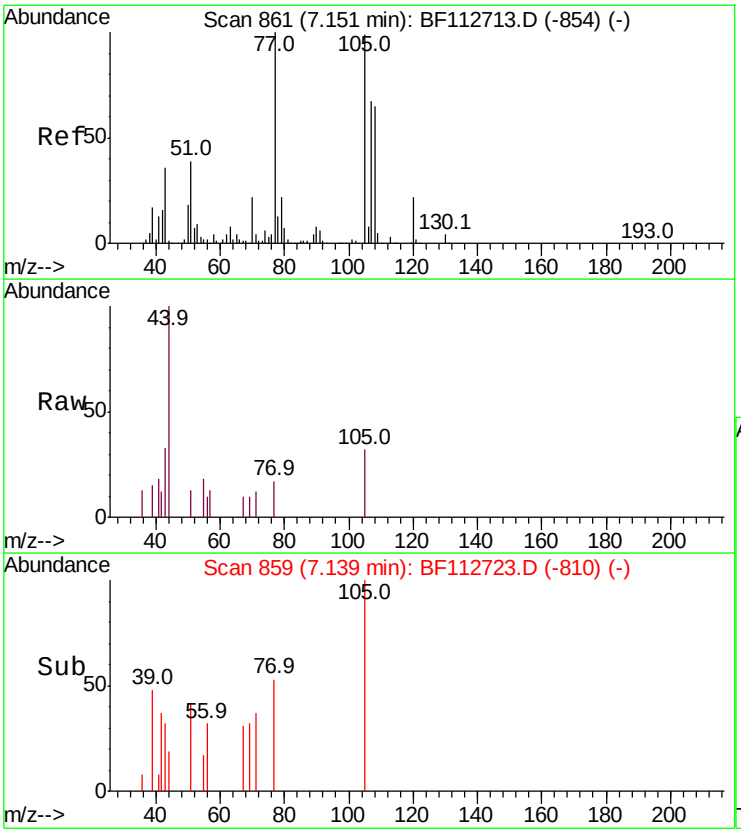
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:136 Resp: 661131

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	7.3	10.9
68	6.7	5.4	8.2

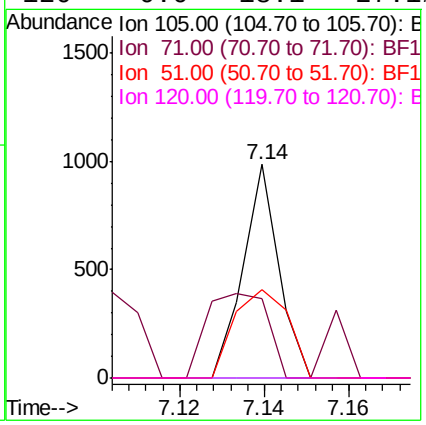


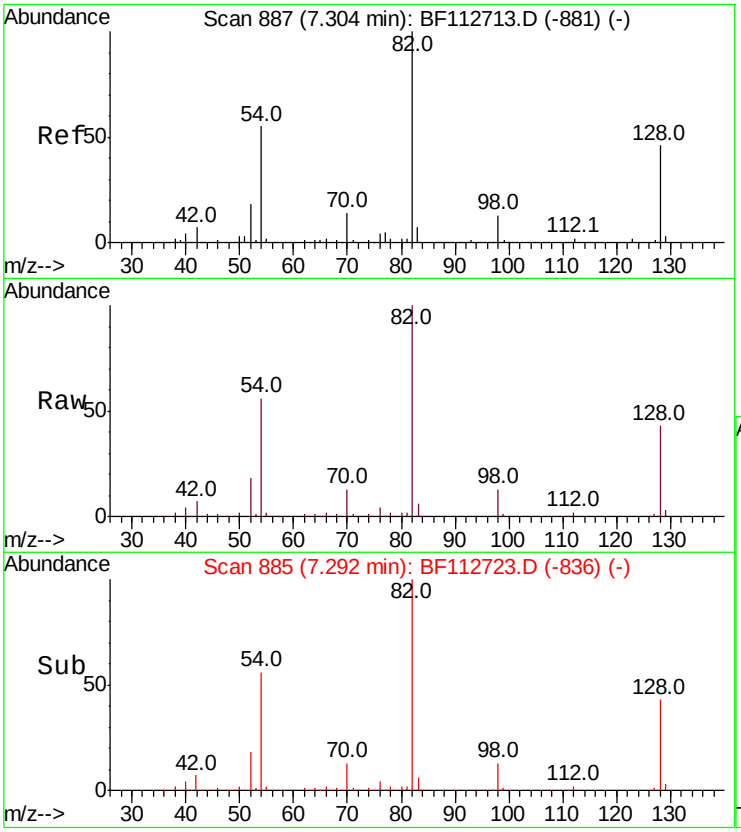


#22
Acetophenone
Concen: 0.038 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:105 Resp: 580

Ion	Ratio	Lower	Upper
105	100		
71	37.4	3.0	4.4#
51	41.4	31.5	47.3
120	0.0	18.1	27.1#



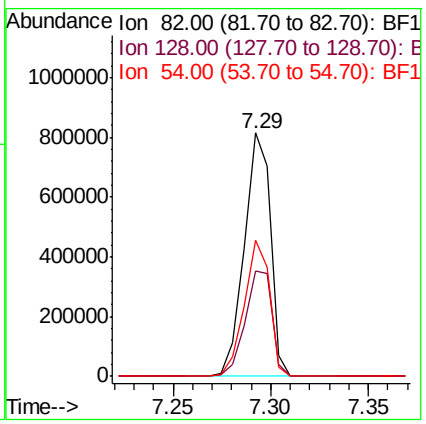


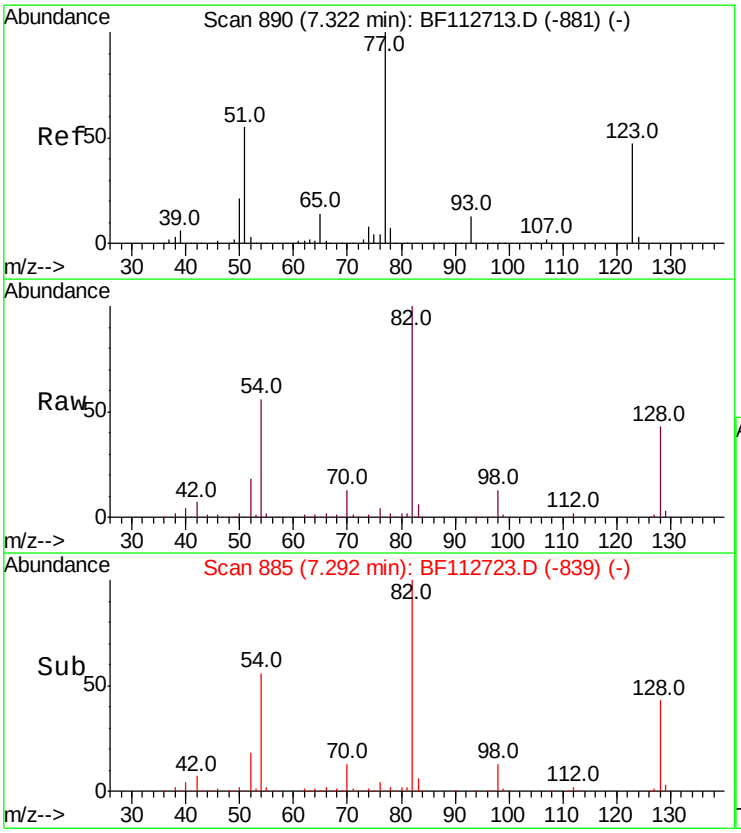
#23
Nitrobenzene-d5
Concen: 68.323 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 82 Resp: 754875

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.3	54.5
54	56.1	43.7	65.5

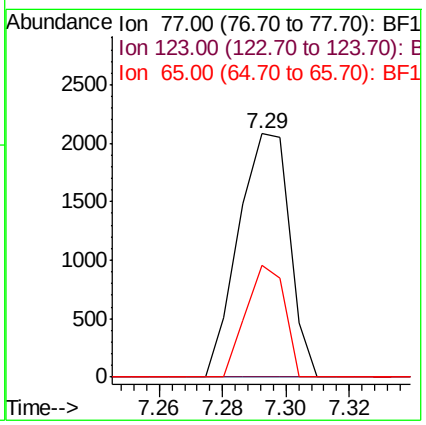


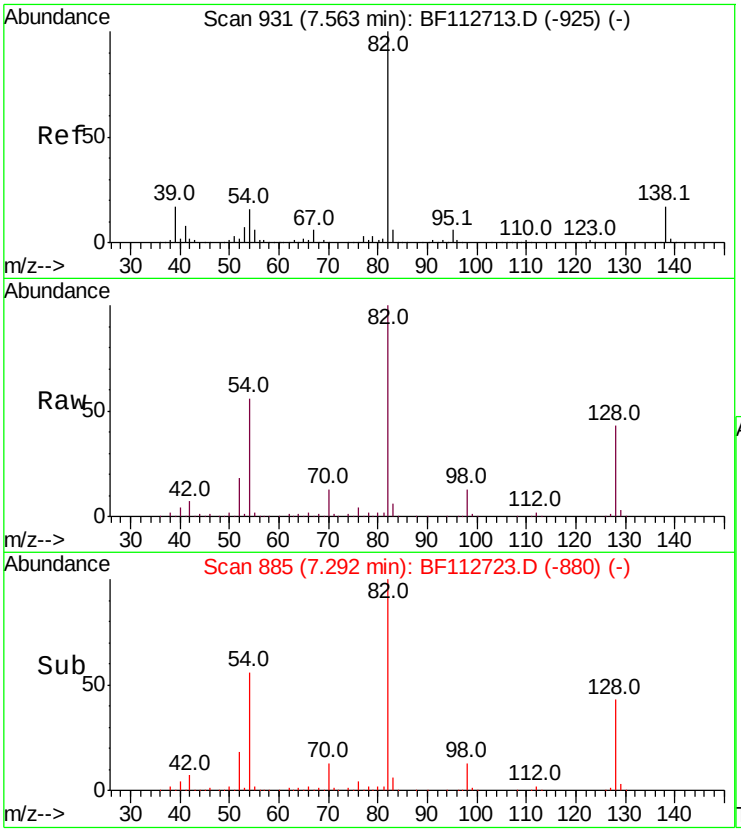


#24
Nitrobenzene
Concen: 0.189 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 77 Resp: 2328

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	46.0	11.1	16.7#



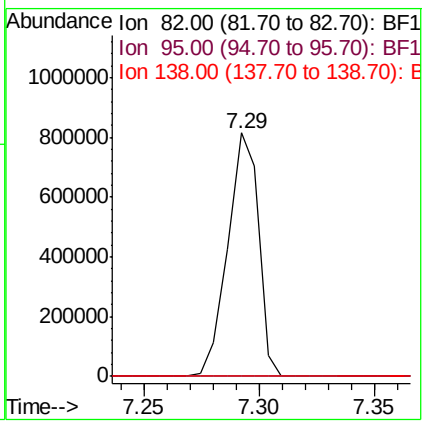


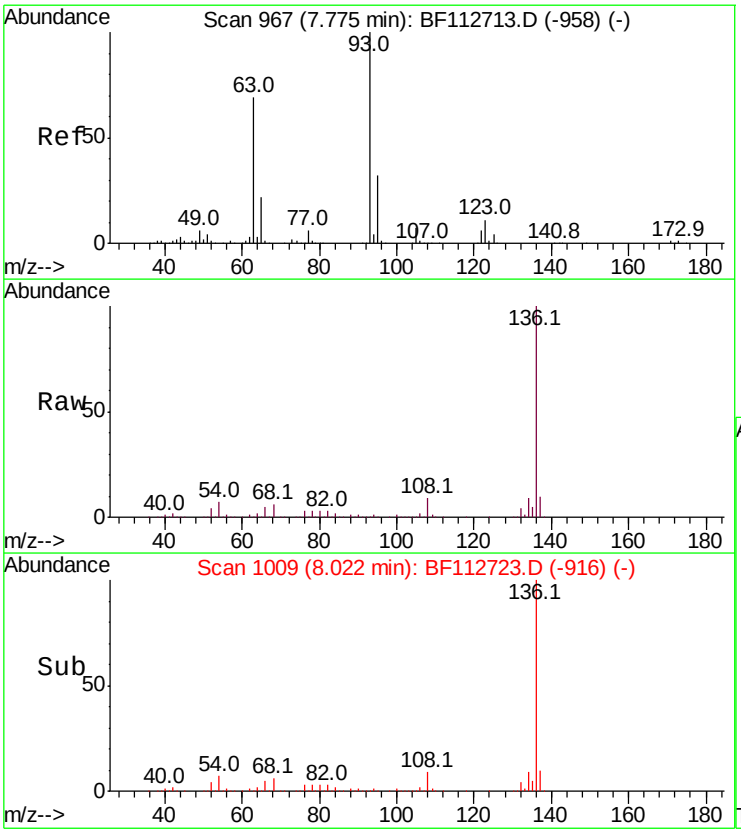
#25
Isophorone
Concen: 31.716 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 82 Resp: 754933

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

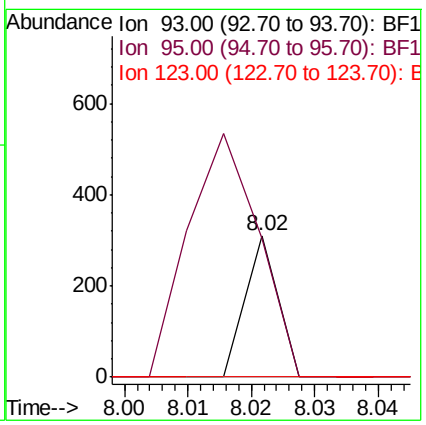


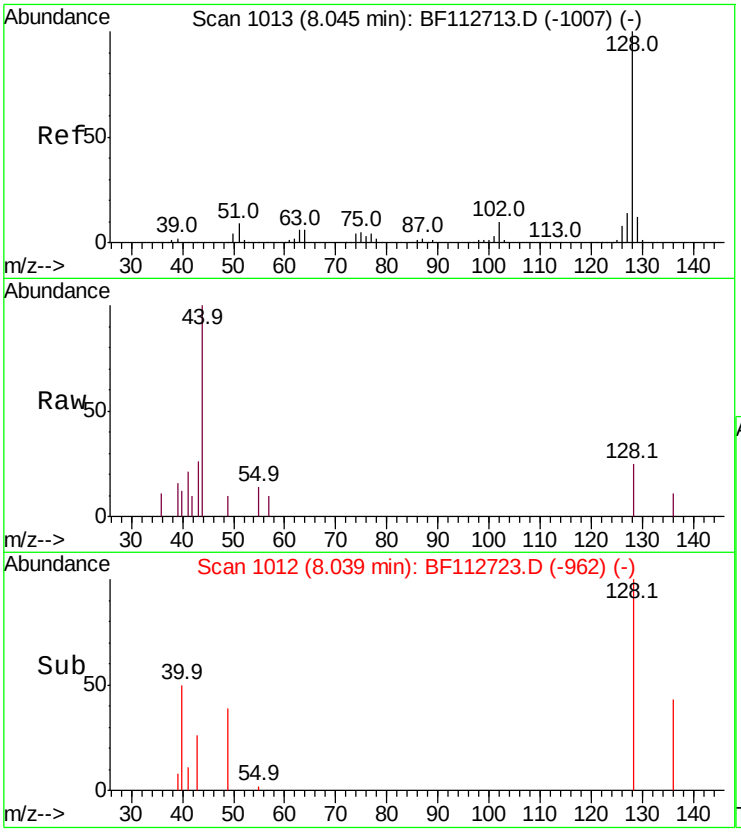


#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.25 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion: 93 Resp: 109

Ion	Ratio	Lower	Upper
93	100		
95	98.1	26.0	39.0#
123	0.0	9.3	13.9#



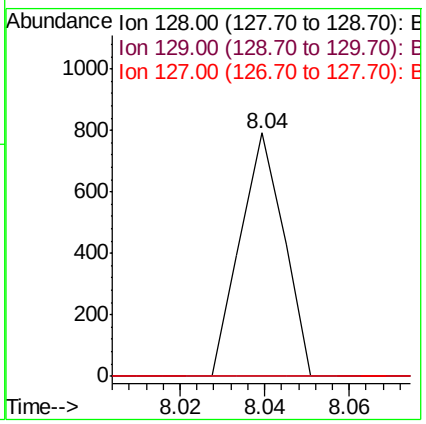


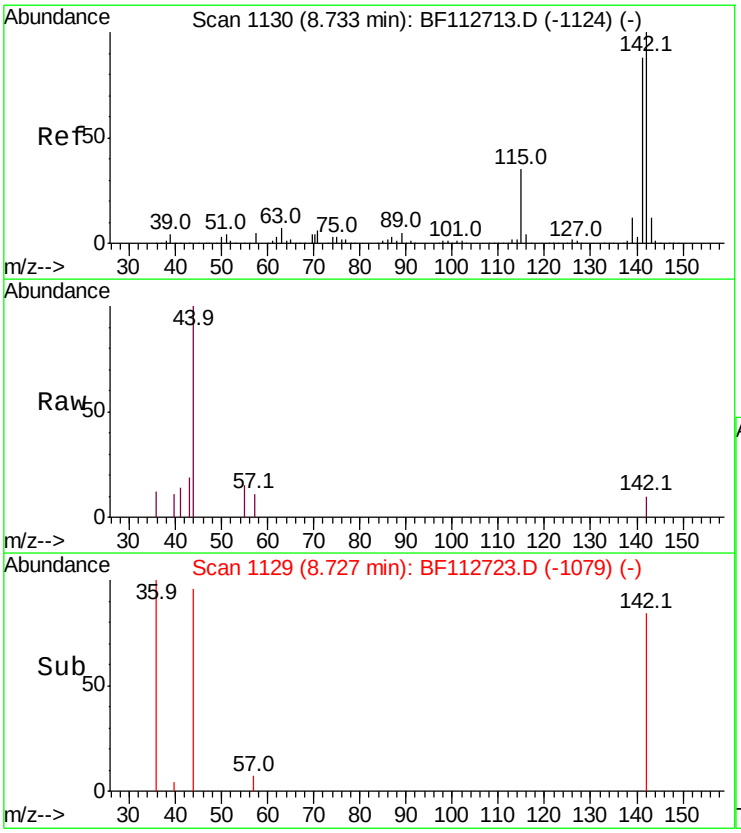
#31
Naphthalene
Concen: 0.017 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:128 Resp: 571

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

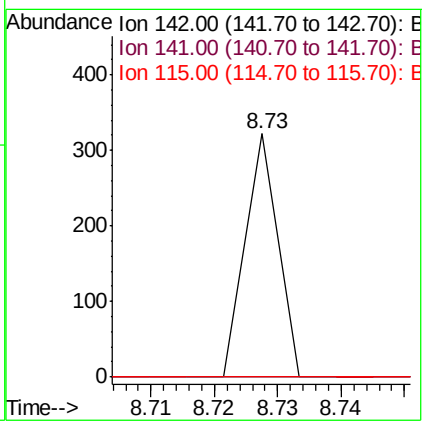


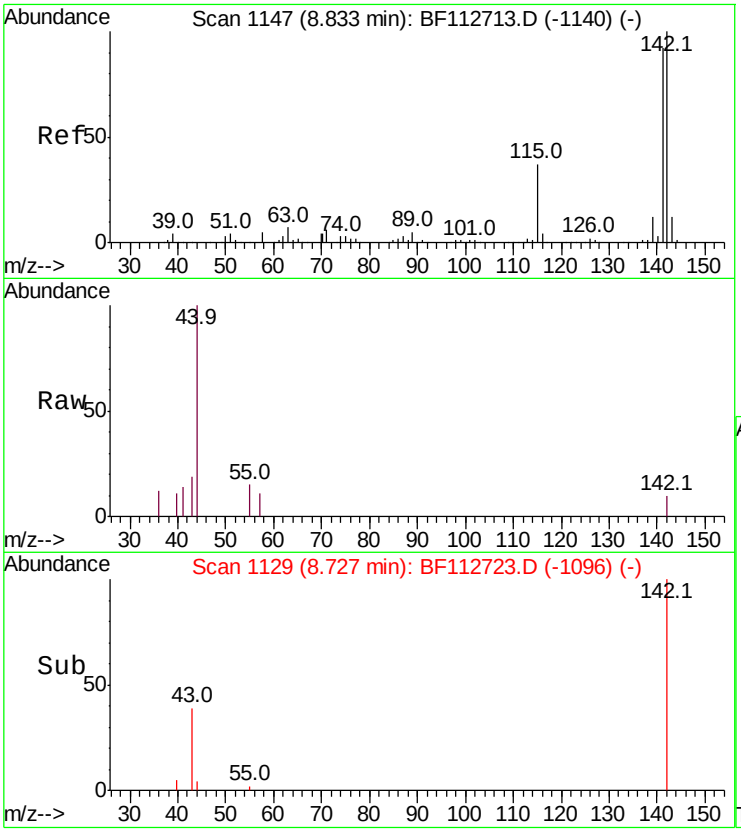


#37
2-Methylnaphthalene
Concen: 0.005 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:142 Resp: 114

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.3	105.5#
115	0.0	27.8	41.6#



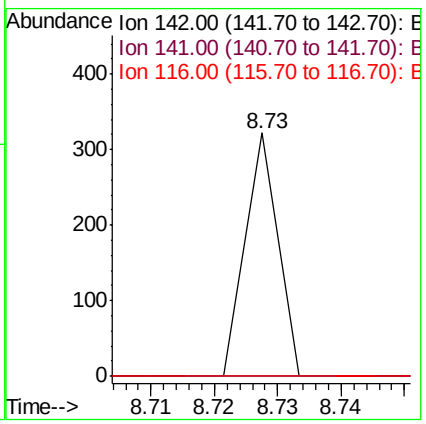


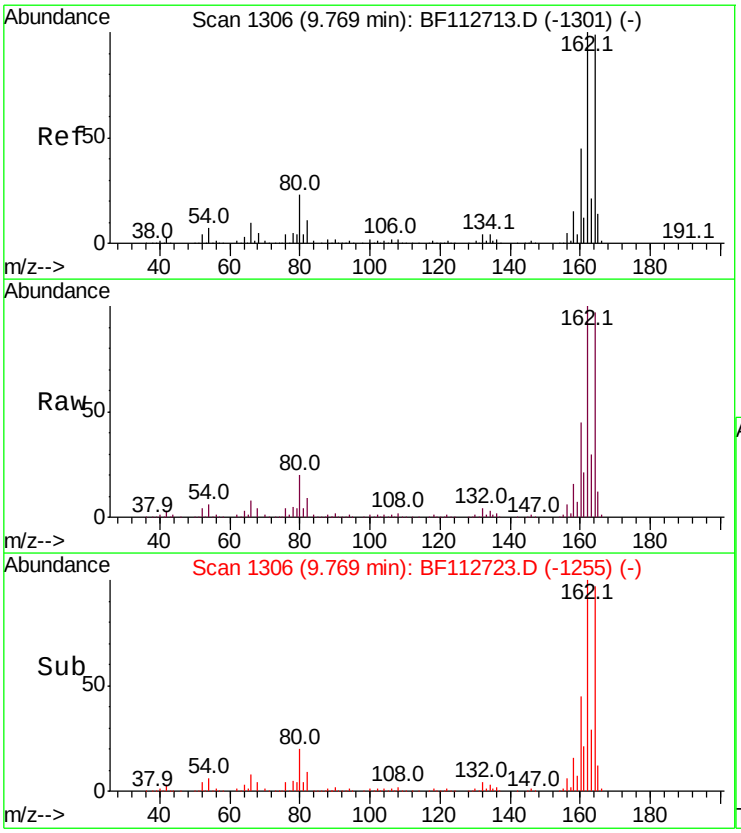
#38
1-Methylnaphthalene
Concen: 0.006 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.11 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:142 Resp: 114

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

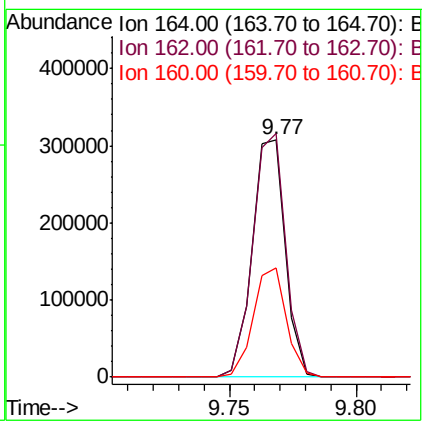


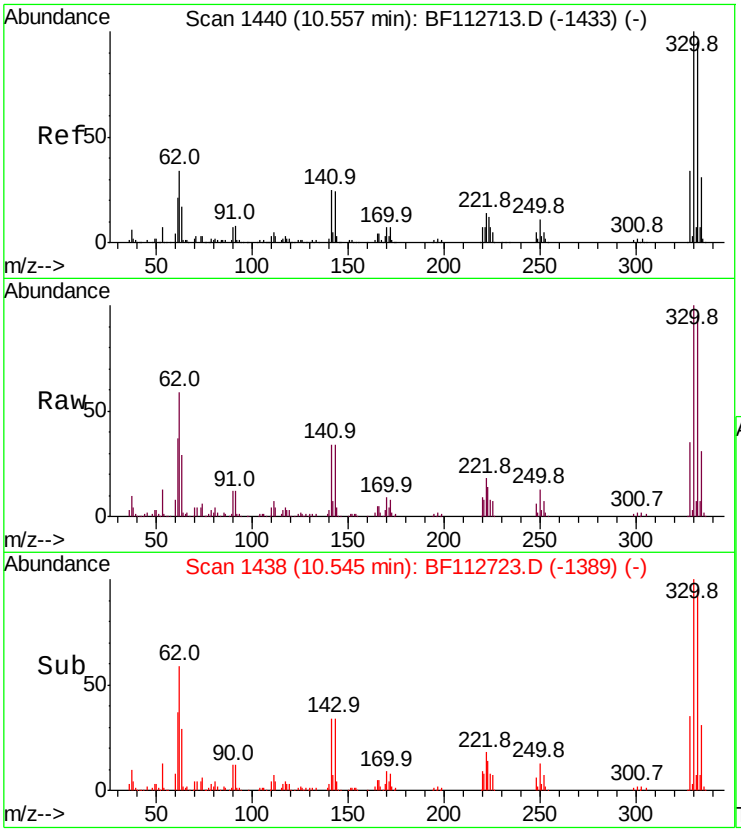


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:164 Resp: 279837

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.2	36.0	54.0



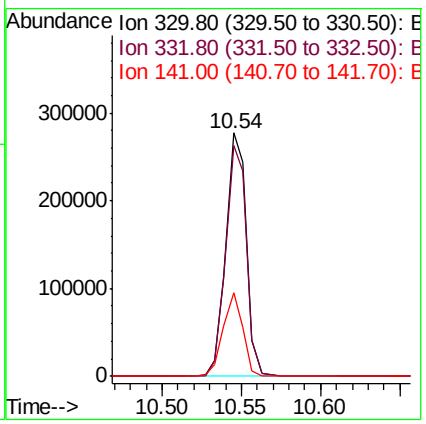


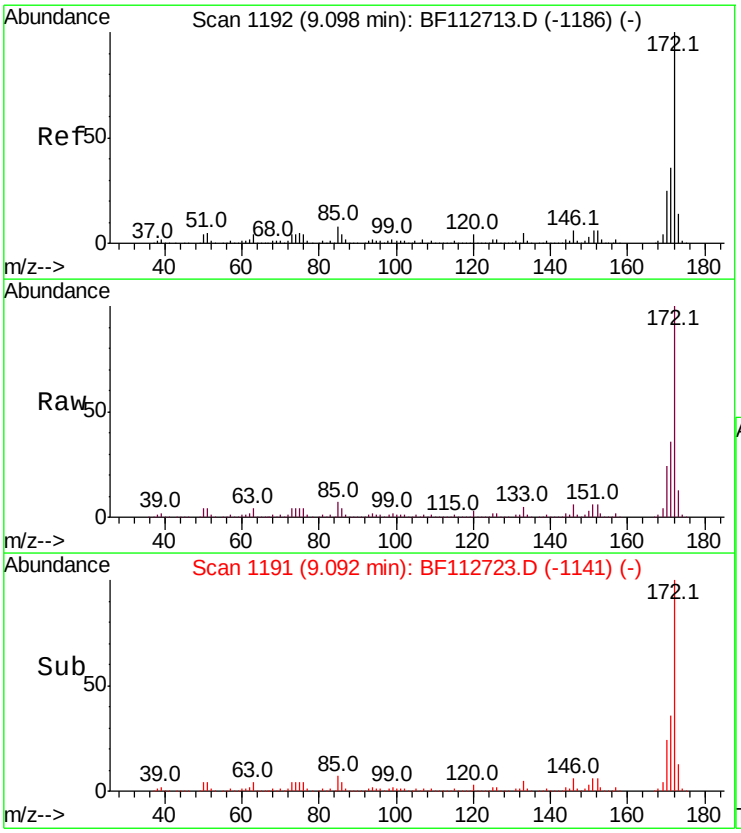
#42
2,4,6-Tribromophenol
Concen: 83.780 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:330 Resp: 248896

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	32.7	27.0	40.6

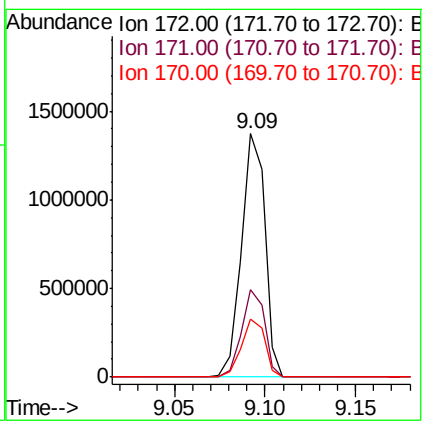


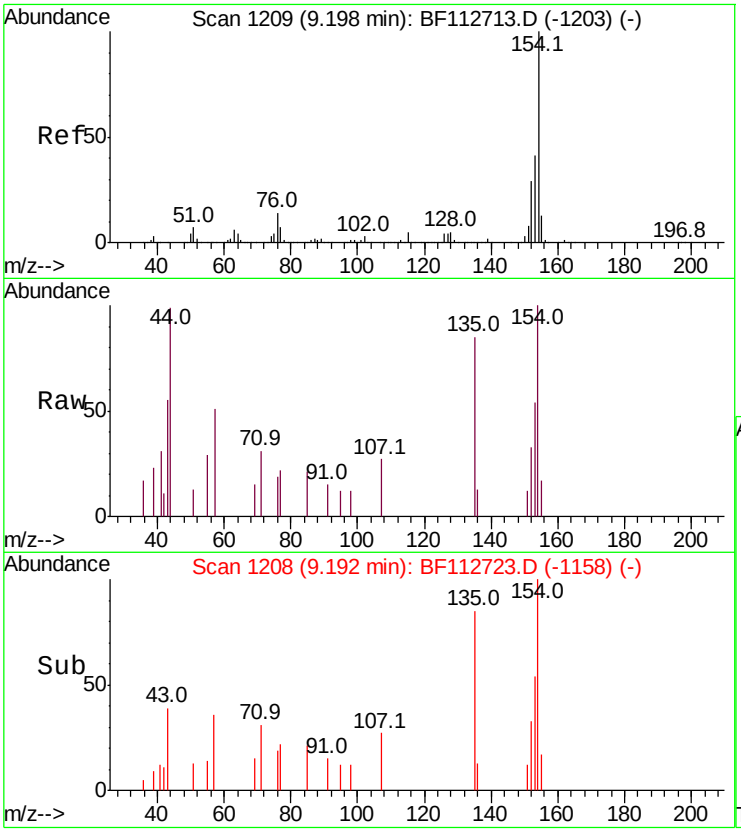


#45
2-Fluorobiphenyl
Concen: 73.913 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:172 Resp: 1233287

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.1	20.0	30.0



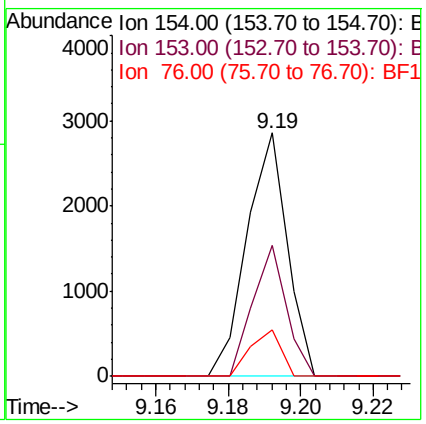


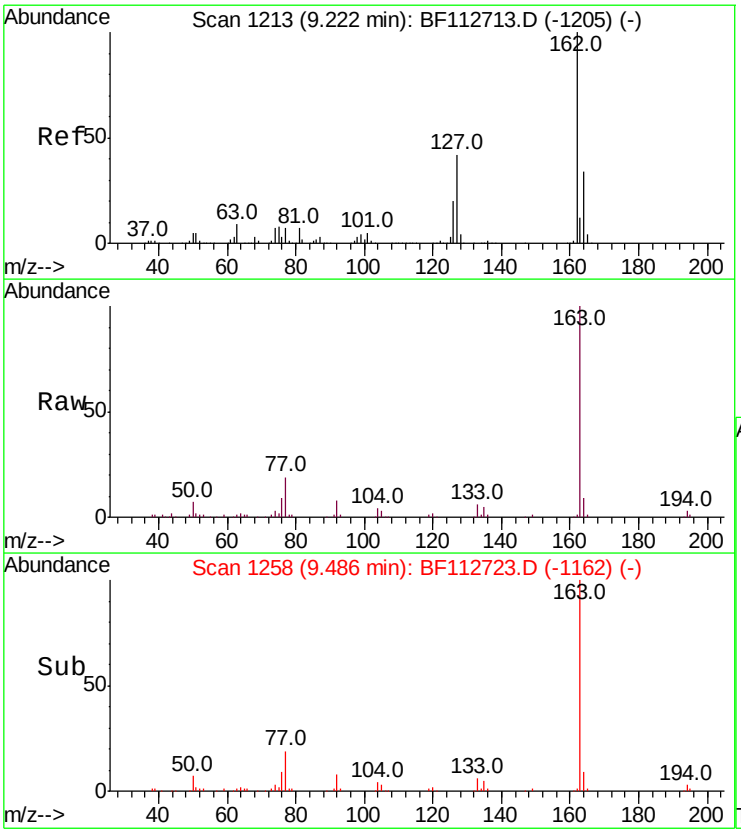
#46
1,1'-Biphenyl
Concen: 0.096 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:154 Resp: 2201

Ion	Ratio	Lower	Upper
154	100		
153	53.9	20.8	60.8
76	19.3	0.0	33.8

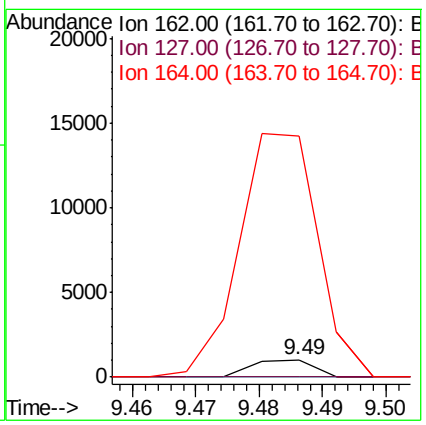


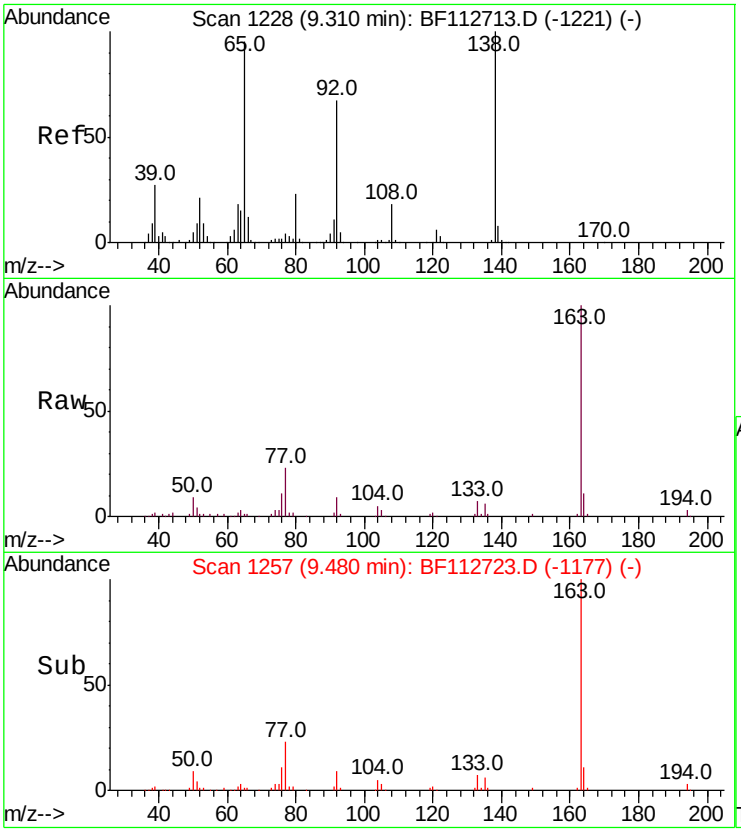


#47
2-Chloronaphthalene
Concen: 0.038 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.26 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:162 Resp: 672

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1410.6	26.9	40.3#



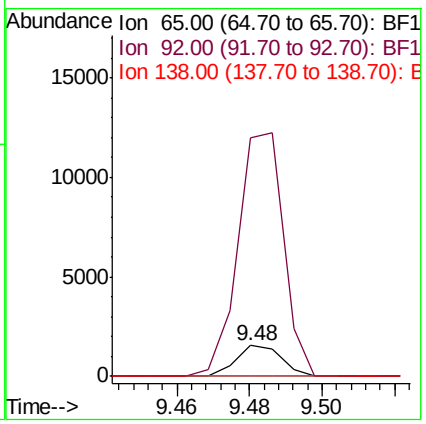


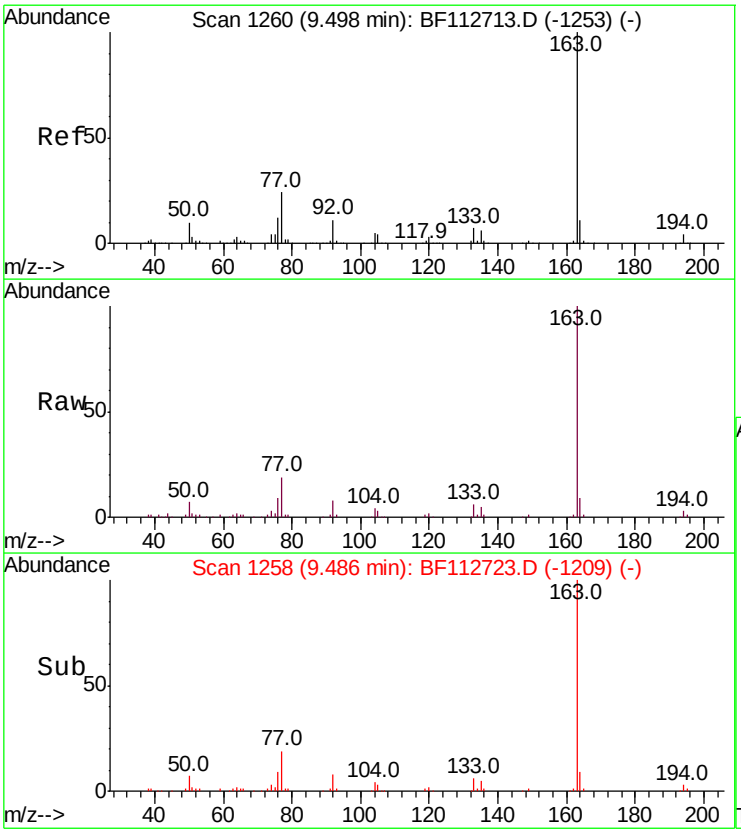
#48
2-Nitroaniline
Concen: 0.248 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.17 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument : BNA_F
ClientSampleId : B-4(4-5)

Tgt Ion: 65 Resp: 1346

Ion	Ratio	Lower	Upper
65	100		
92	778.7	56.4	84.6#
138	0.0	84.6	126.8#

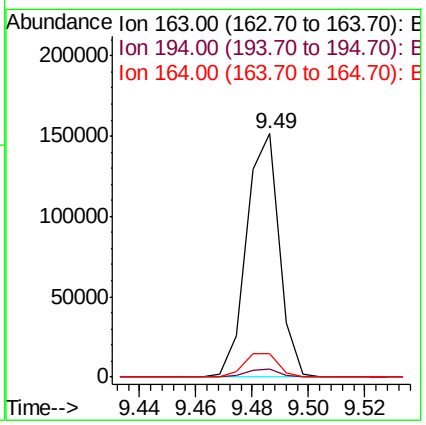


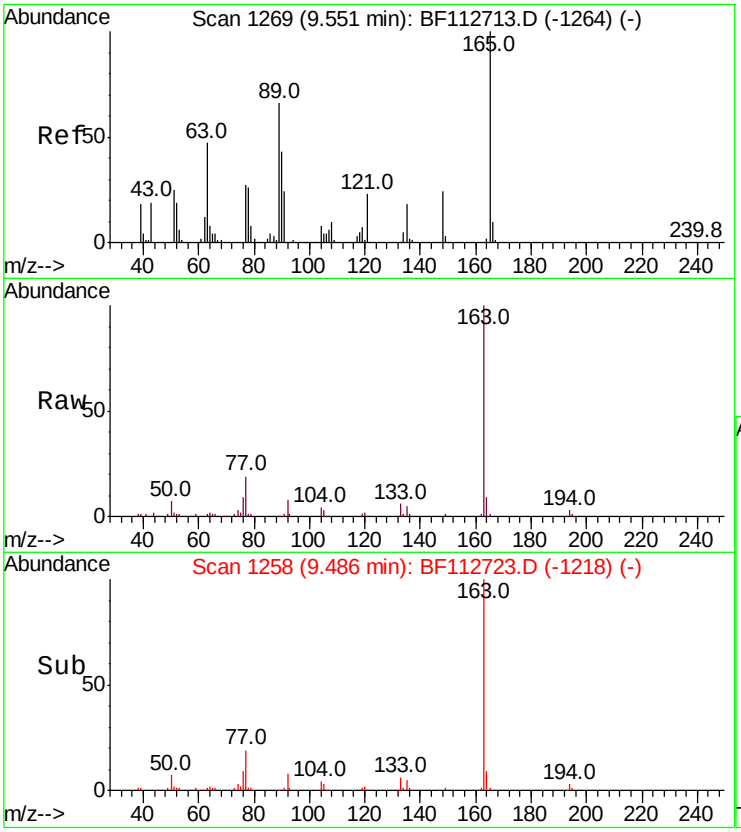


#50
Dimethylphthalate
Concen: 5.876 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:163 Resp: 121247

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.4	8.4	12.6



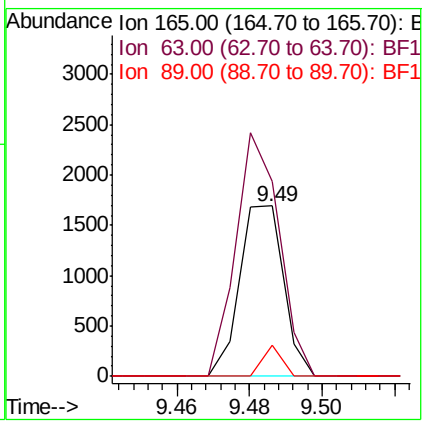


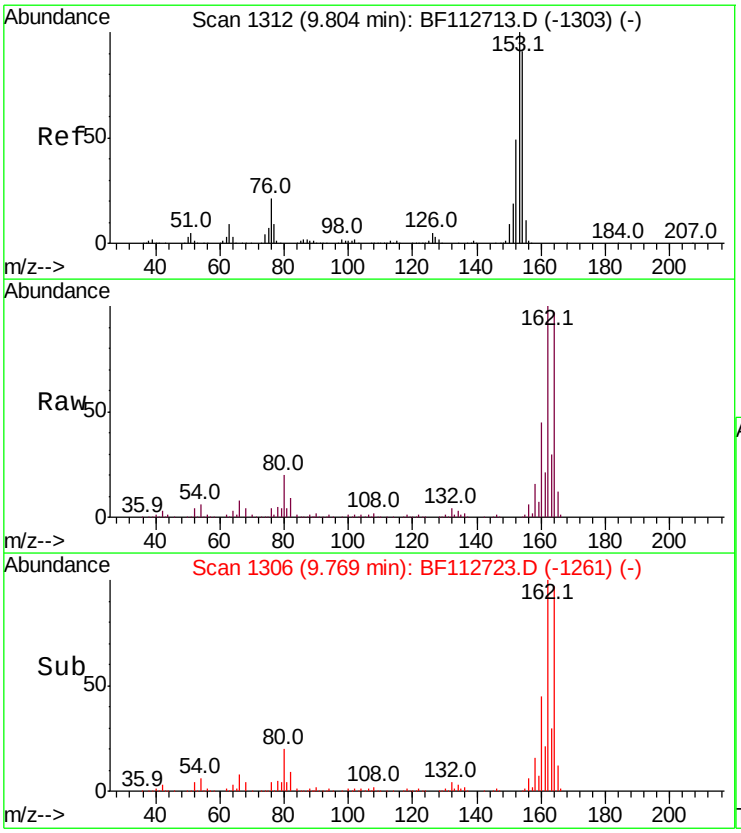
#51
2,6-Dinitrotoluene
Concen: 0.332 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.06 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:165 Resp: 1427

Ion	Ratio	Lower	Upper
165	100		
63	114.6	54.1	81.1#
89	17.9	52.8	79.2#

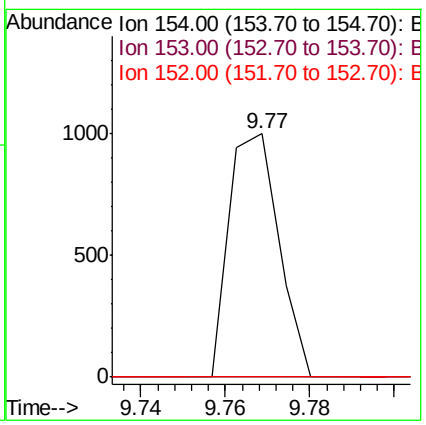


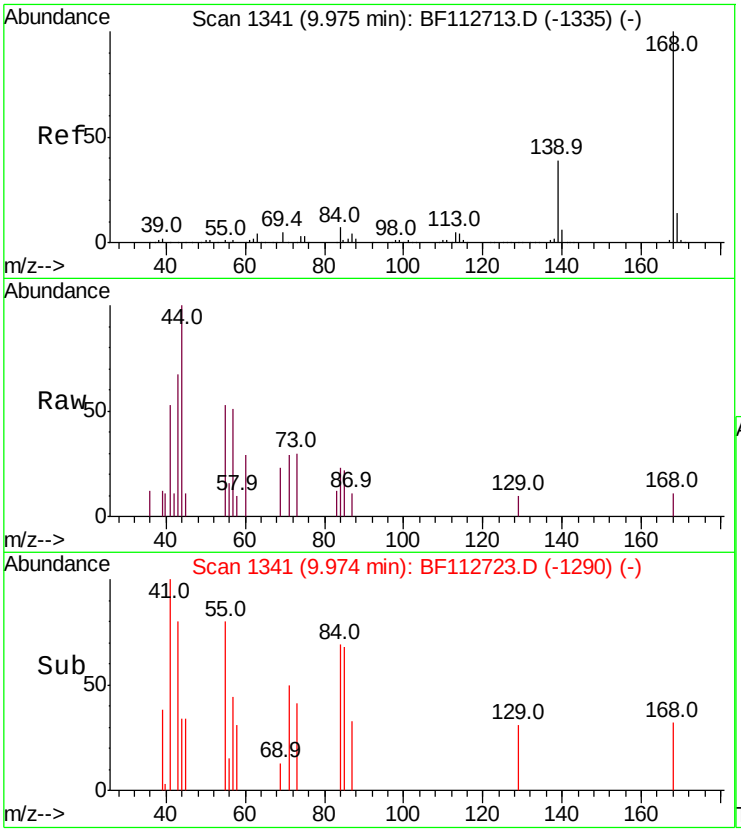


#52
Acenaphthene
Concen: 0.046 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:154 Resp: 816

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



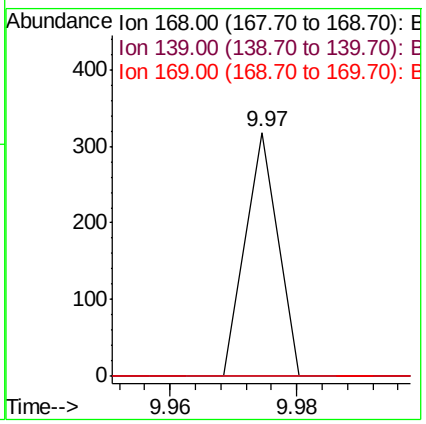


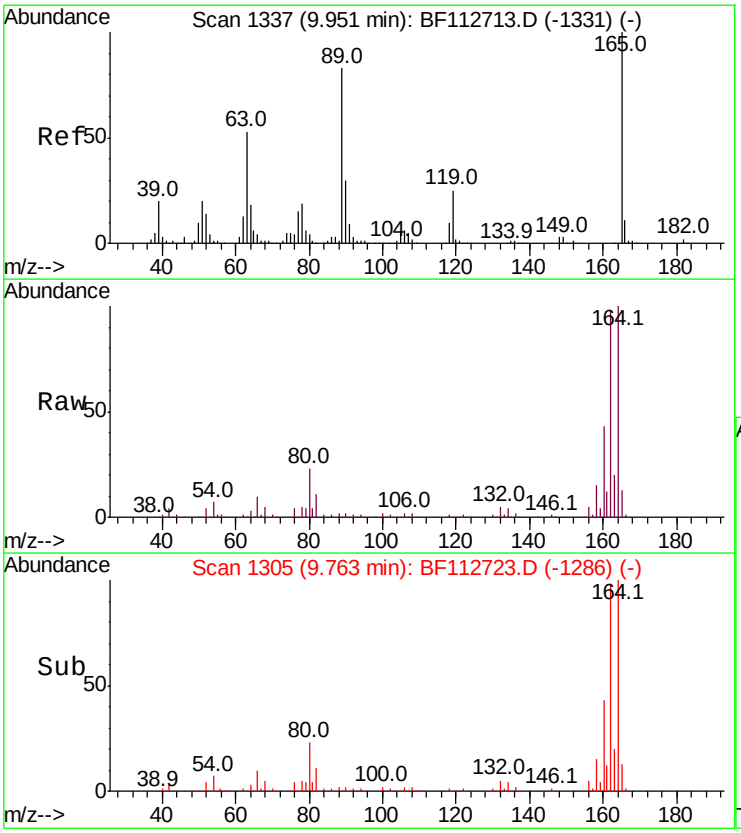
#55
Dibenzofuran
Concen: 0.004 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:168 Resp: 112

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

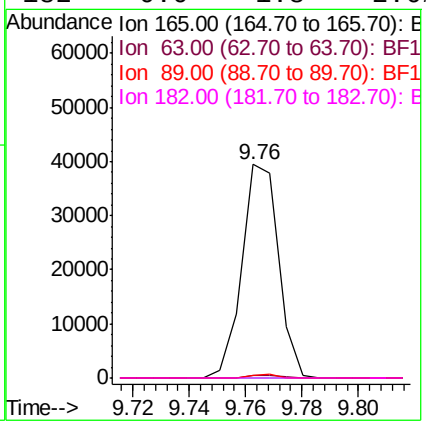


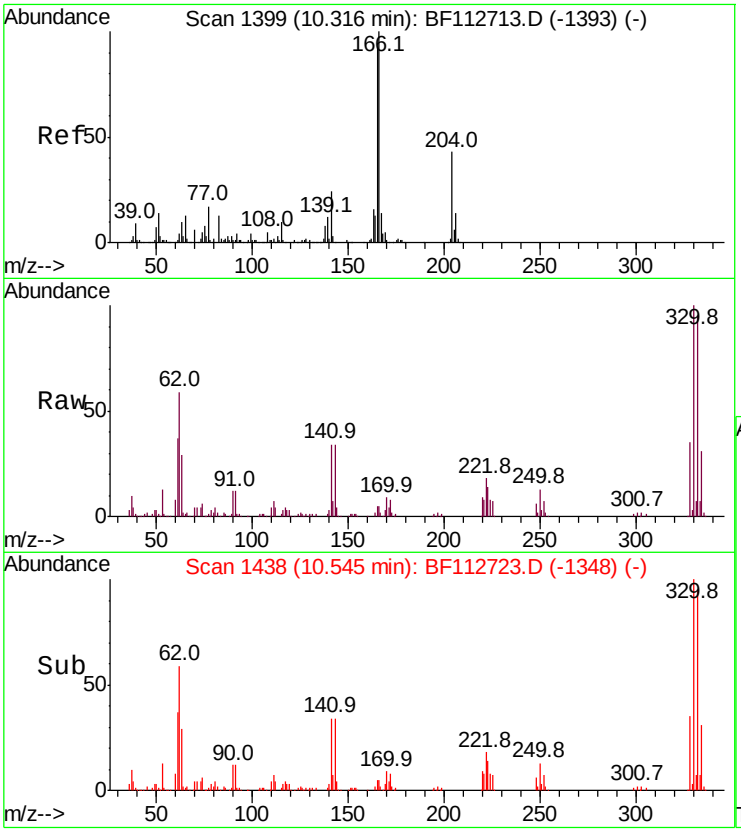


#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:165 Resp: 35448

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



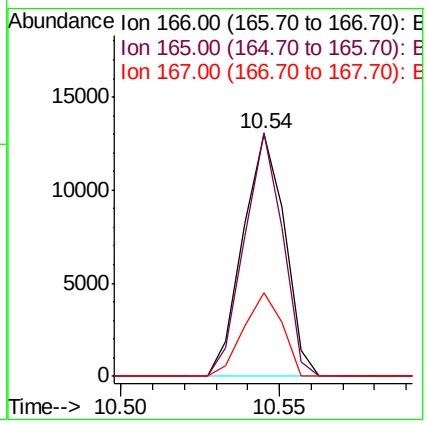


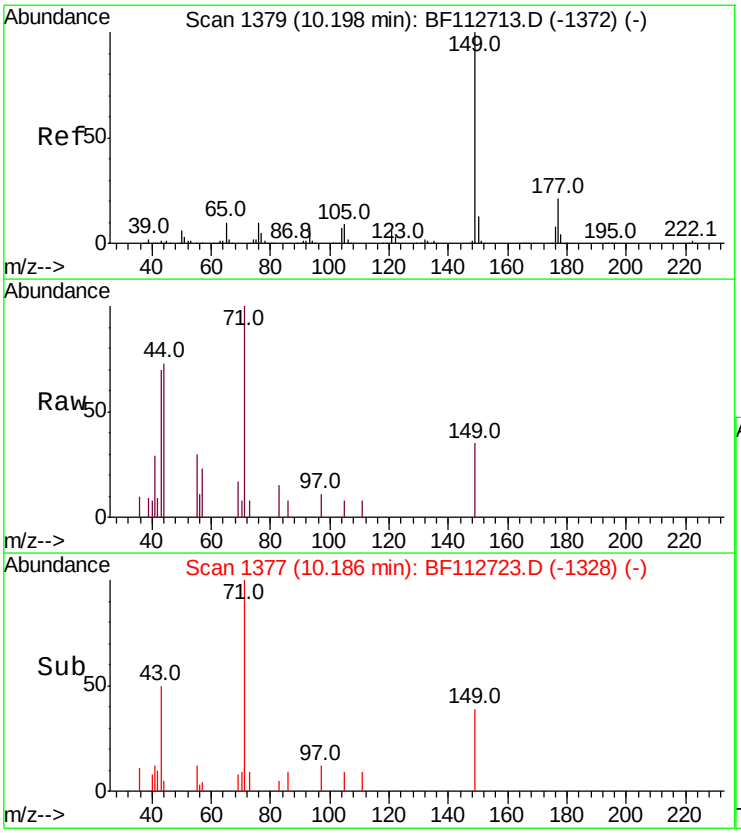
#58
Fluorene
Concen: 0.650 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.23 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:166 Resp: 11856

Ion	Ratio	Lower	Upper
166	100		
165	100.5	74.7	112.1
167	34.7	11.0	16.6#

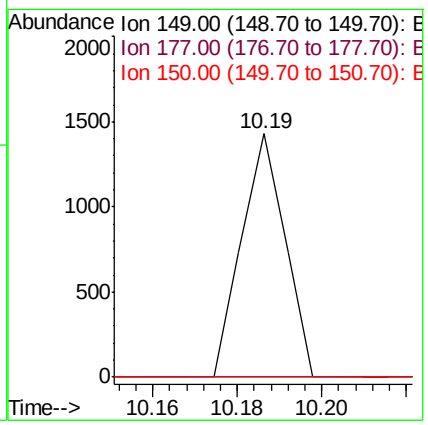


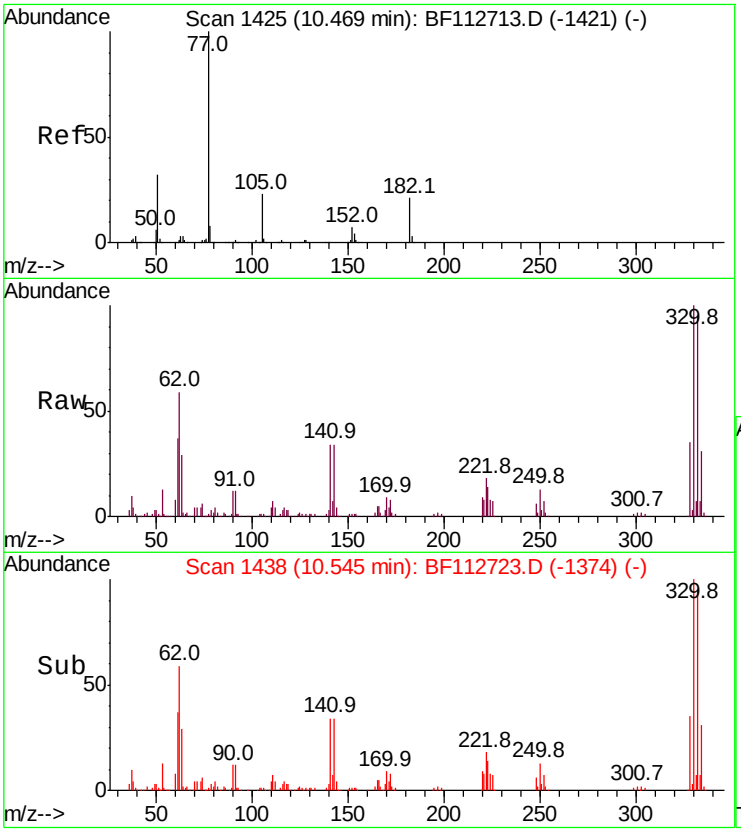


#60
Diethylphthalate
Concen: 0.047 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:149 Resp: 1021

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



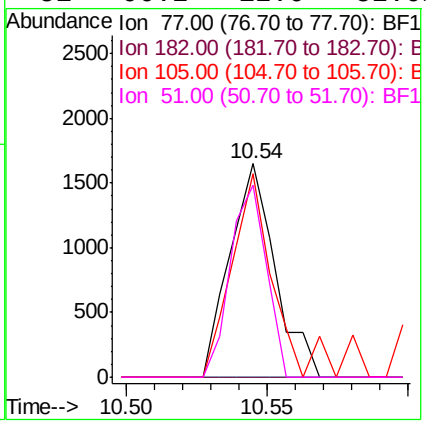


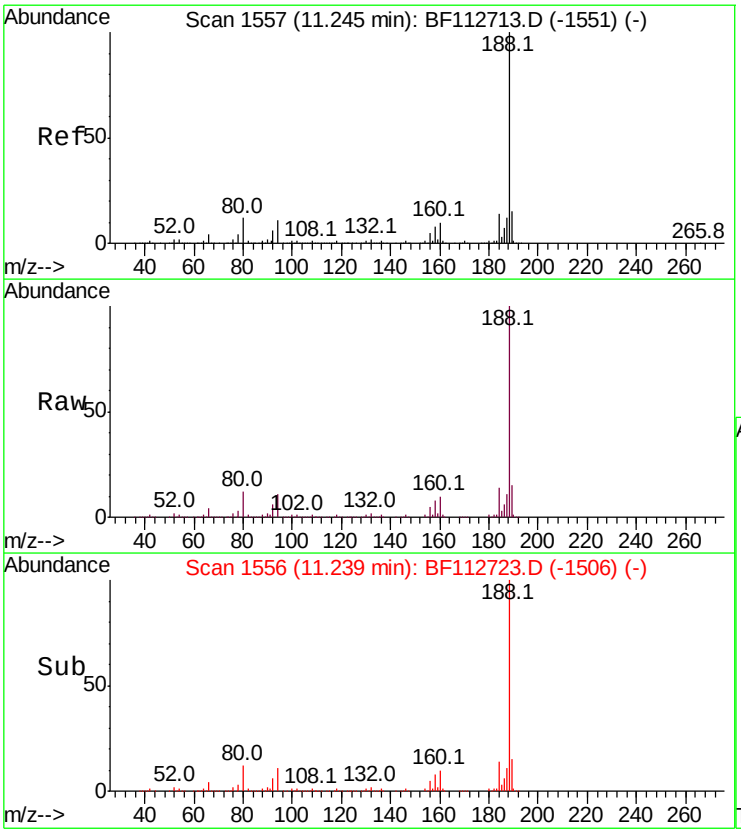
#63
Azobenzene
Concen: 0.082 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.08 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion: 77 Resp: 1837

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.4	41.4#
105	95.5	2.6	42.6#
51	90.2	12.0	52.0#

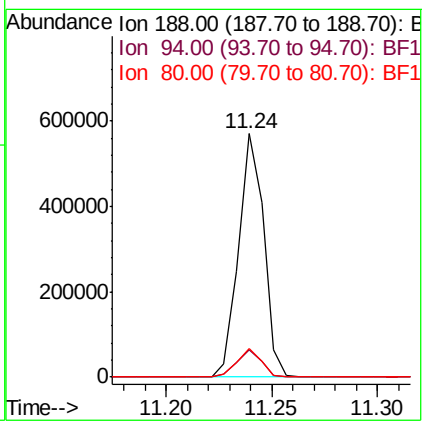


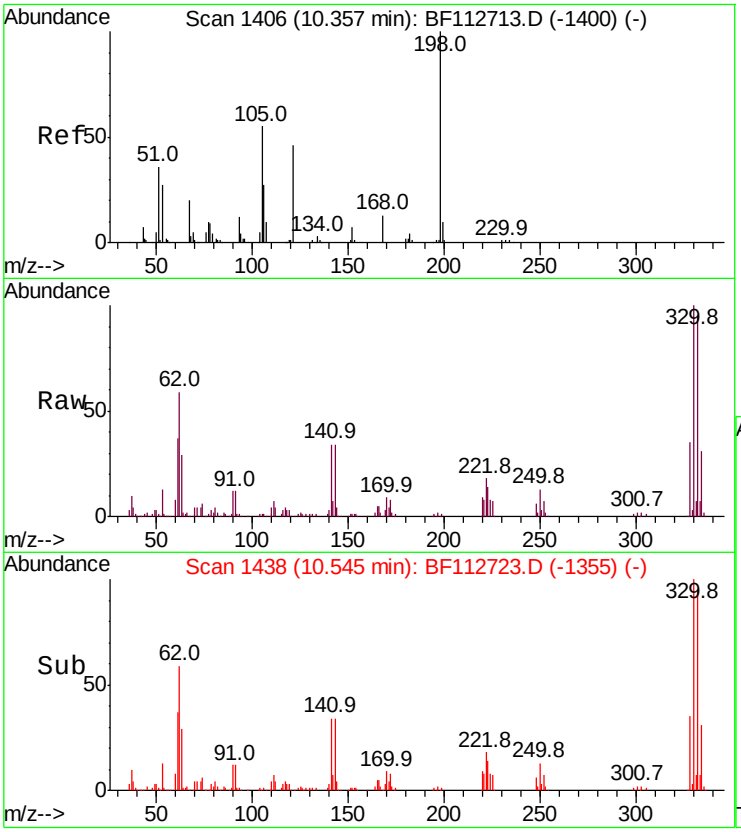


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:188 Resp: 467618

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	12.0	9.2	13.8



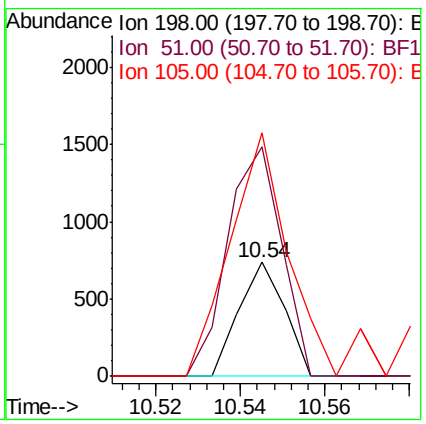


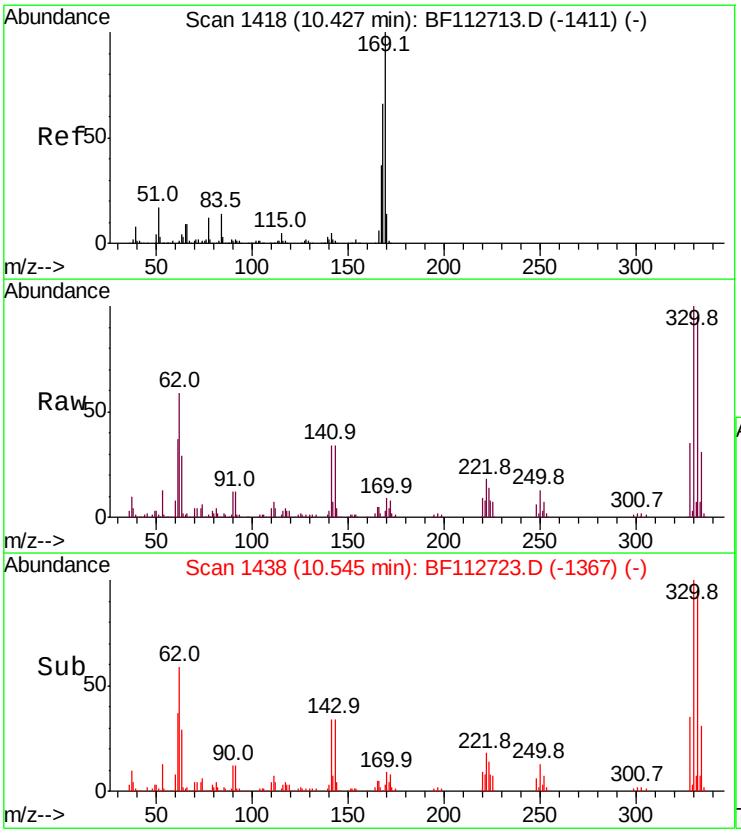
#65
4,6-Dinitro-2-methylphenol
Concen: 4.872 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:198 Resp: 552

Ion	Ratio	Lower	Upper
198	100		
51	201.9	43.8	83.8#
105	213.7	36.5	76.5#

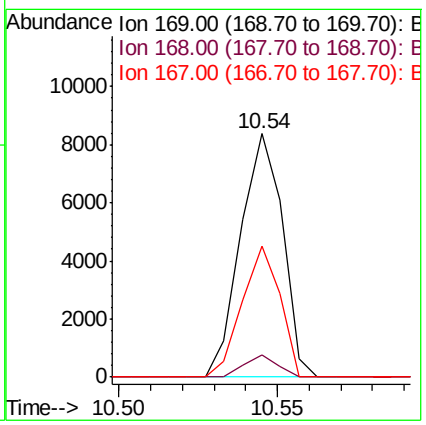


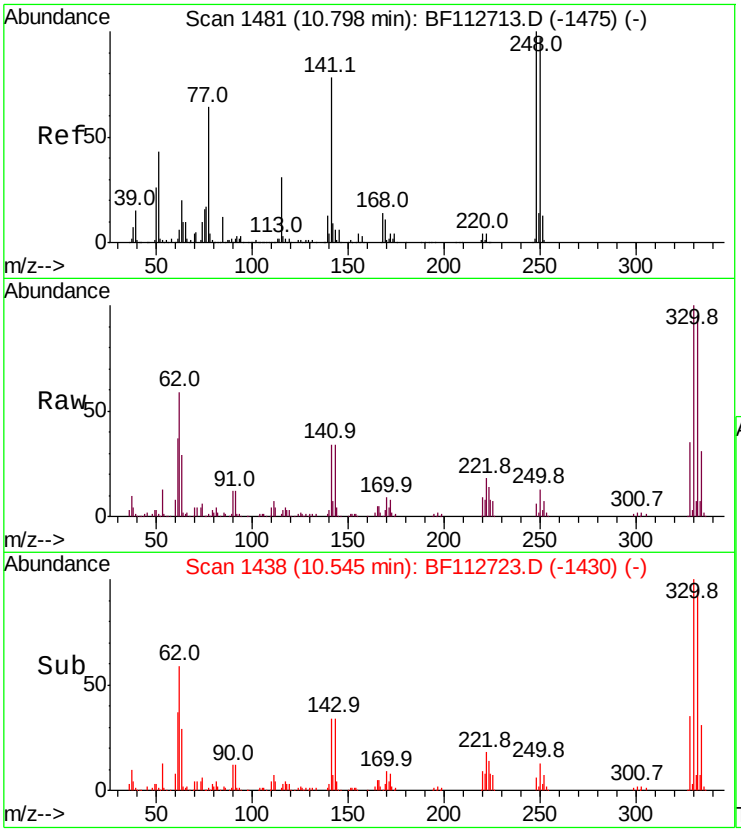


#66
n-Nitrosodiphenylamine
Concen: 0.512 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.12 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:169 Resp: 7679

Ion	Ratio	Lower	Upper
169	100		
168	9.0	53.0	79.6#
167	53.8	29.3	43.9#



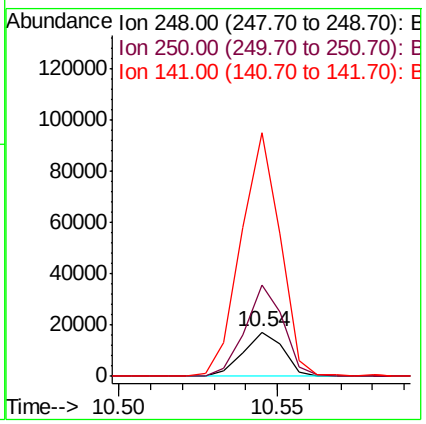


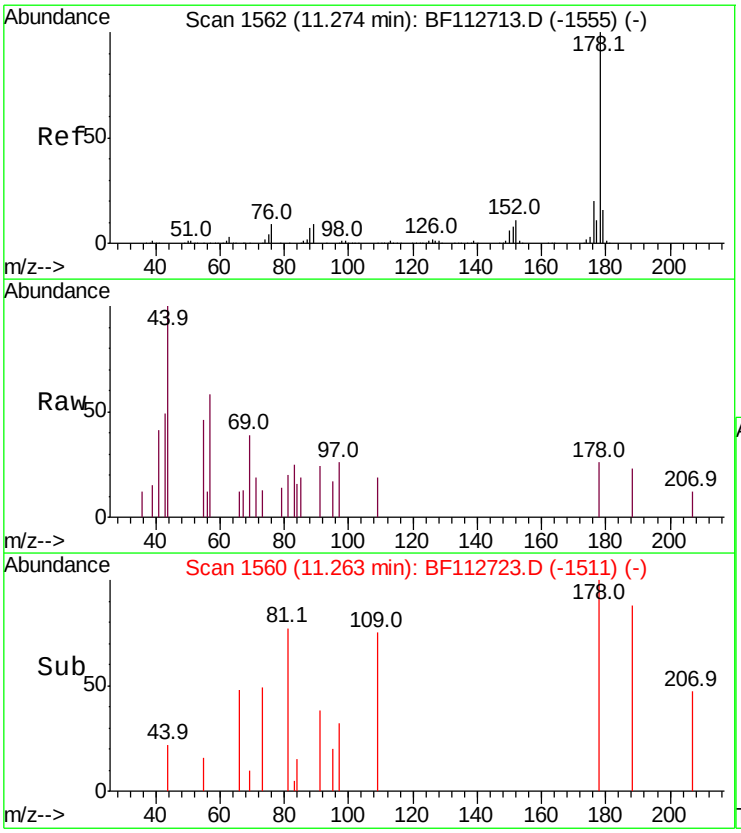
#67
4-Bromophenyl-phenylether
Concen: 3.051 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:248 Resp: 15029

Ion	Ratio	Lower	Upper
248	100		
250	206.5	77.5	116.3#
141	553.0	62.4	93.6#

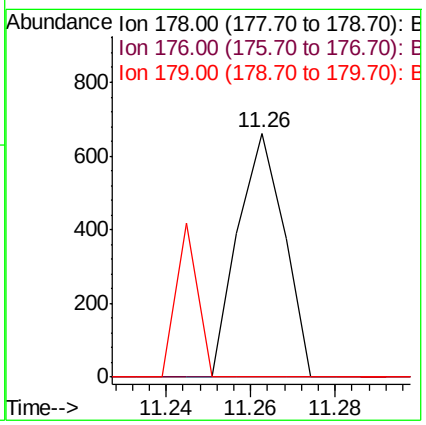


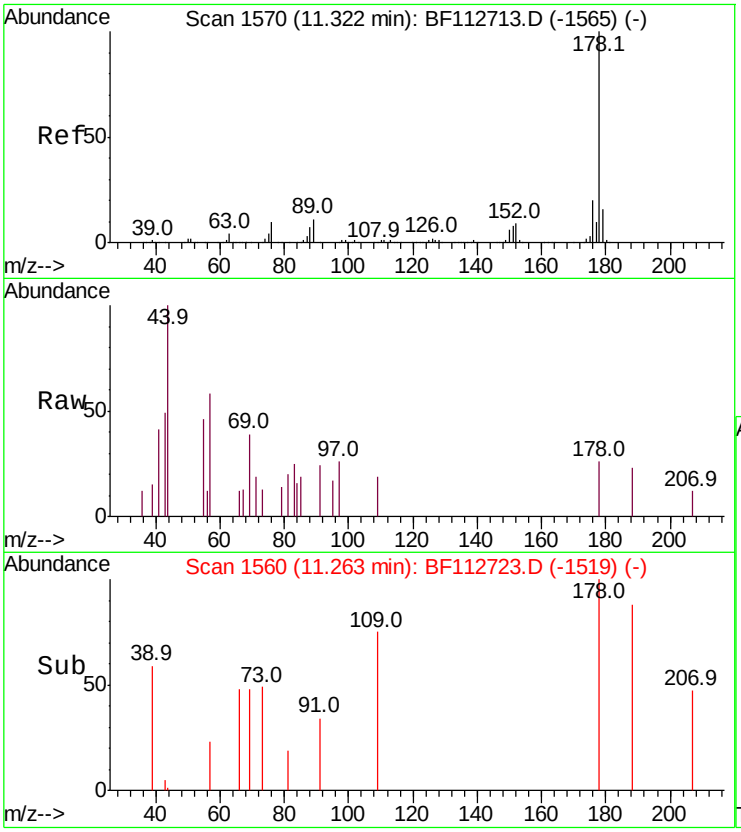


#71
Phenanthrene
Concen: 0.022 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:178 Resp: 504

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



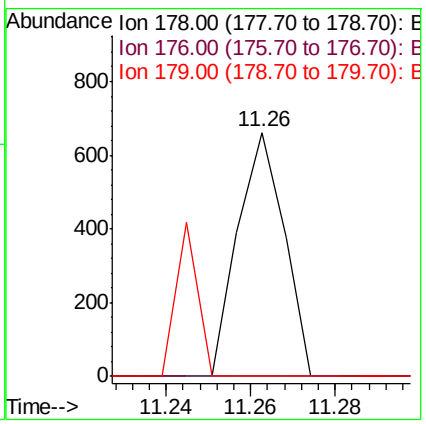


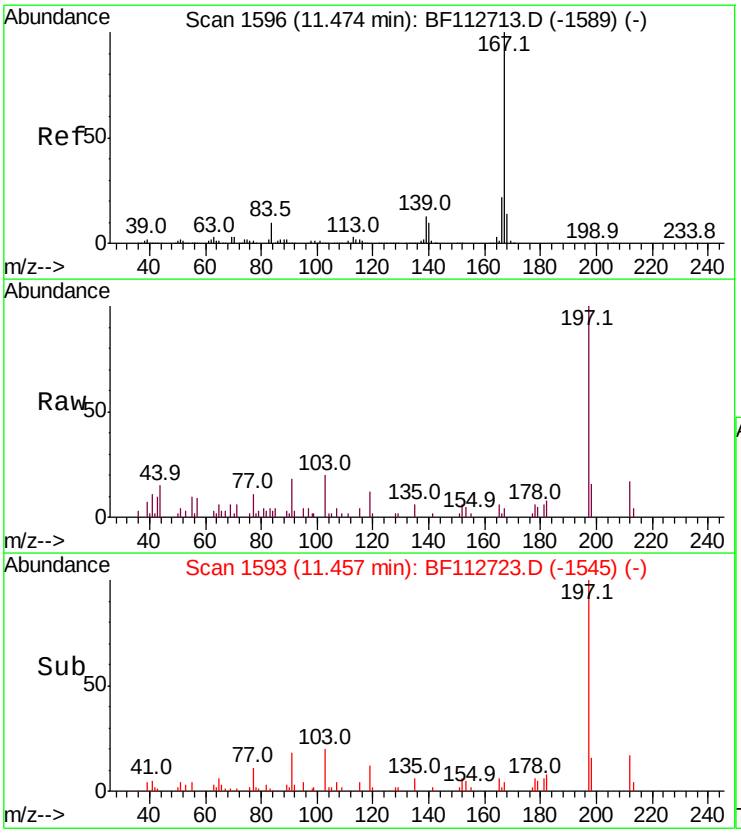
#72
Anthracene
Concen: 0.021 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:178 Resp: 504

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

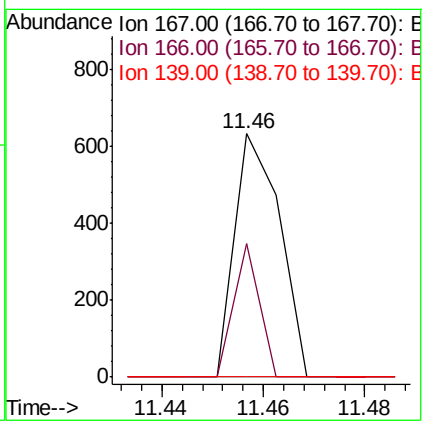


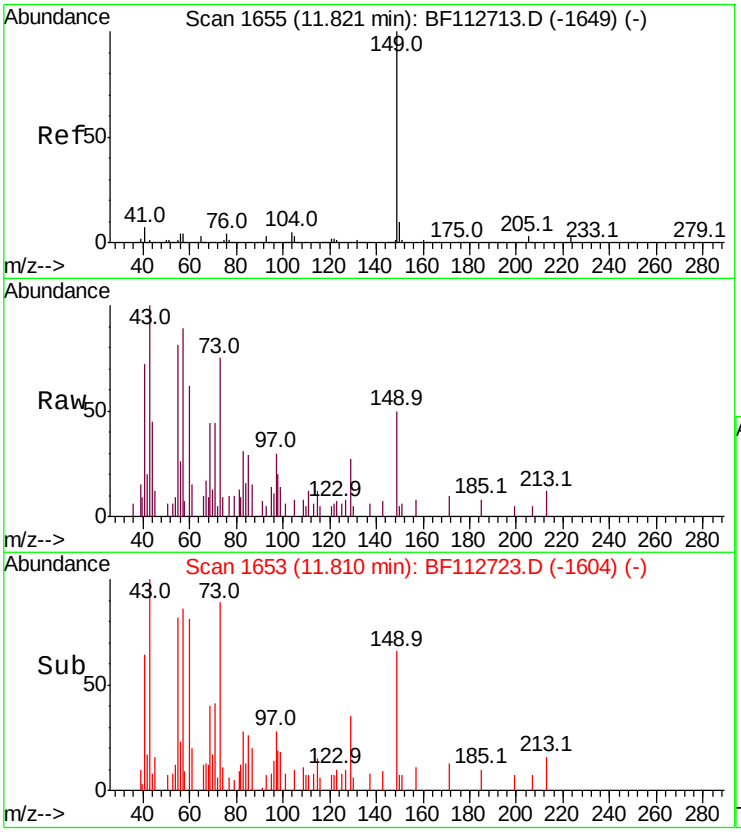


#73
Carbazole
Concen: 0.016 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:167 Resp: 391

Ion	Ratio	Lower	Upper
167	100		
166	55.0	17.5	26.3#
139	0.0	10.8	16.2#



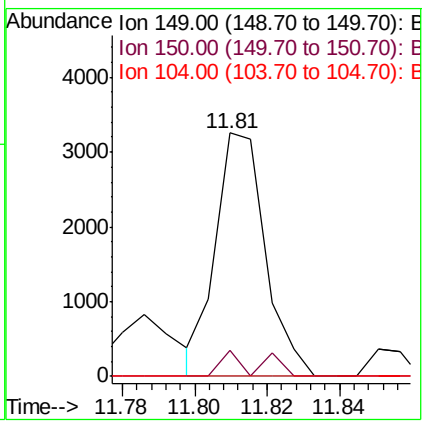


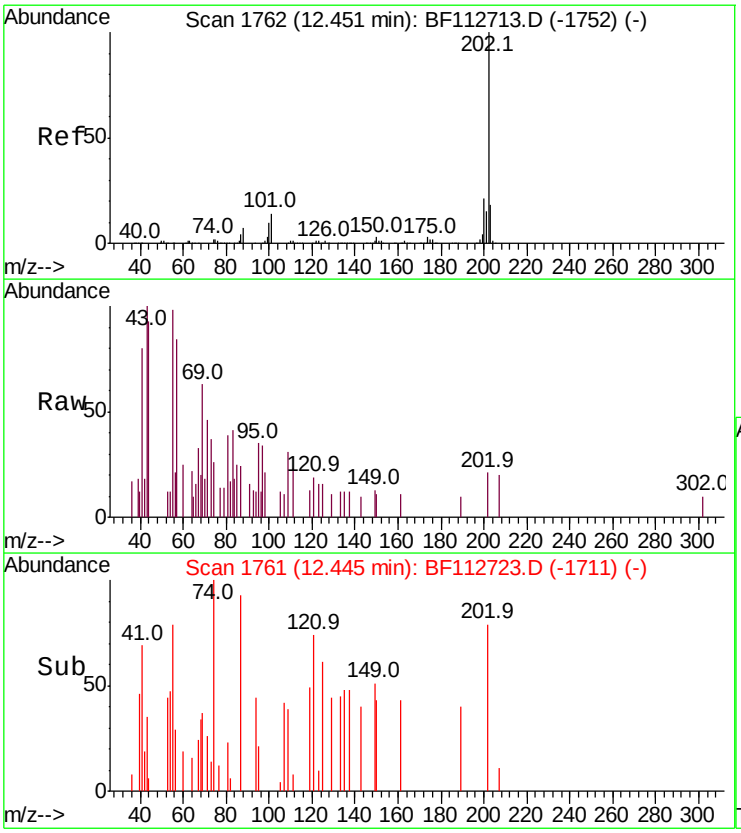
#74
Di-n-butylphthalate
Concen: 0.109 ng
RT: 11.81 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:149 Resp: 3108

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.6	11.4
104	0.0	3.7	5.5#

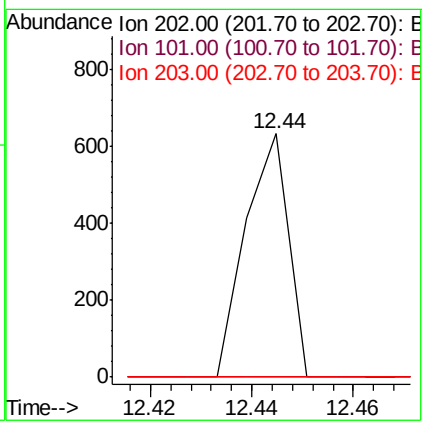


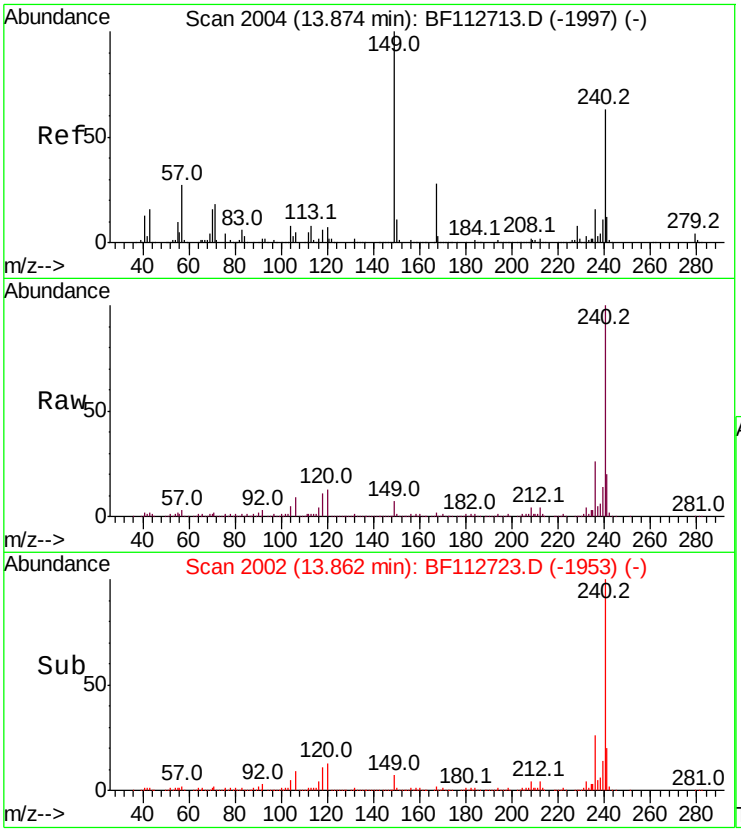


#75
Fluoranthene
Concen: 0.015 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:202 Resp: 370

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



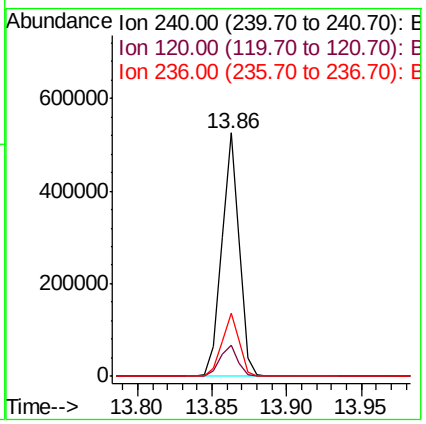


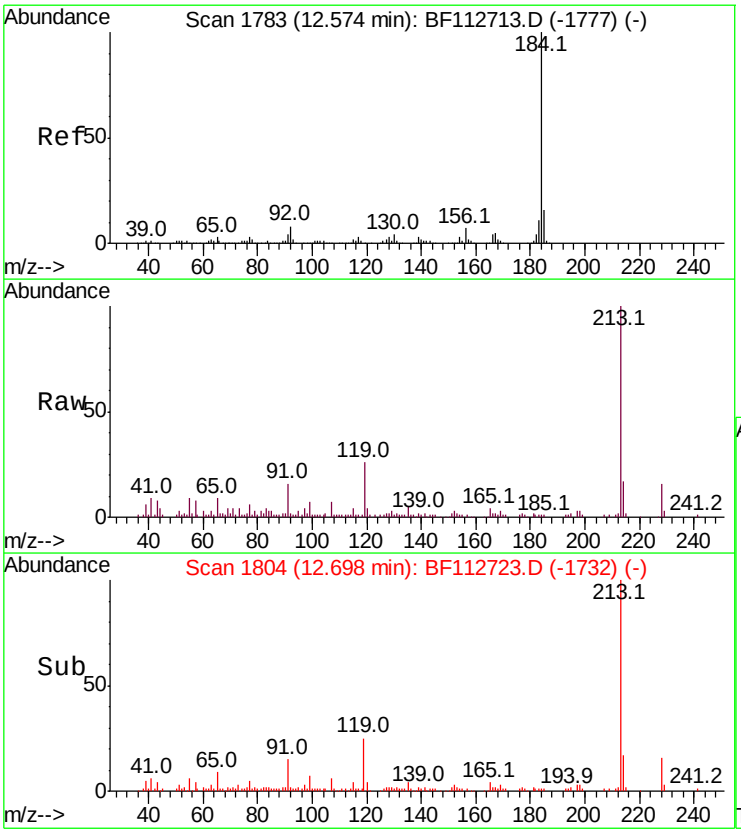
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:240 Resp: 435235

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.9	13.3
236	26.2	20.7	31.1

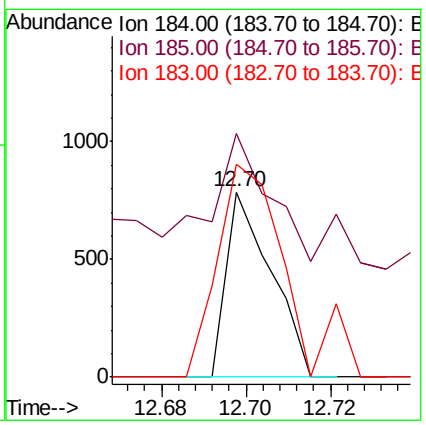


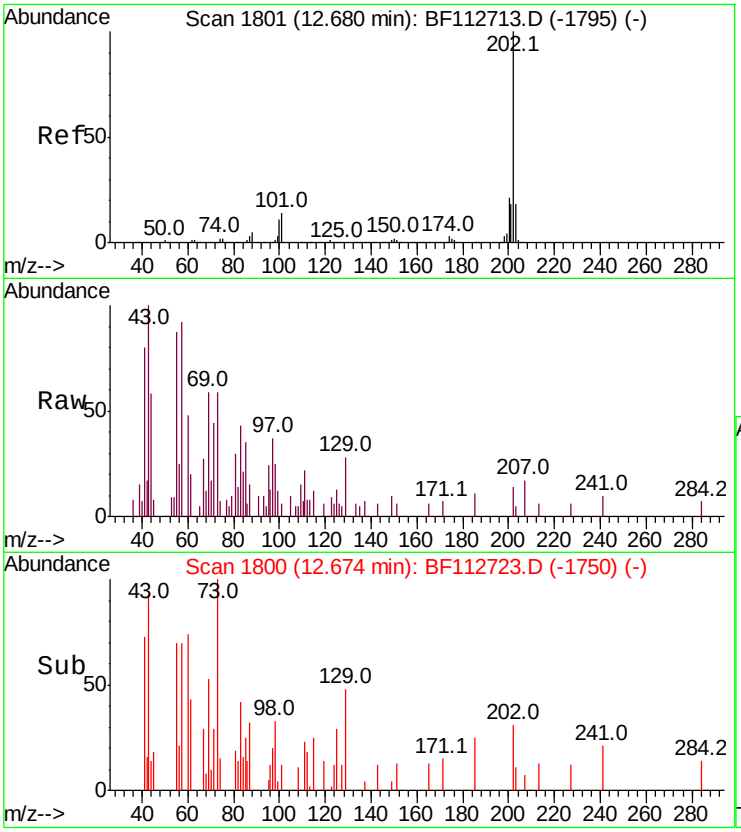


#77
Benzidine
Concen: 0.026 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.12 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:184 Resp: 578

Ion	Ratio	Lower	Upper
184	100		
185	131.6	12.6	18.8#
183	115.1	8.6	12.8#



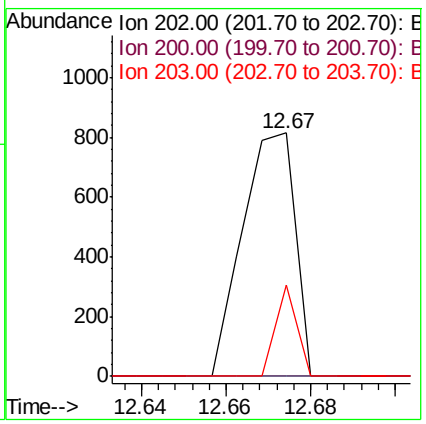


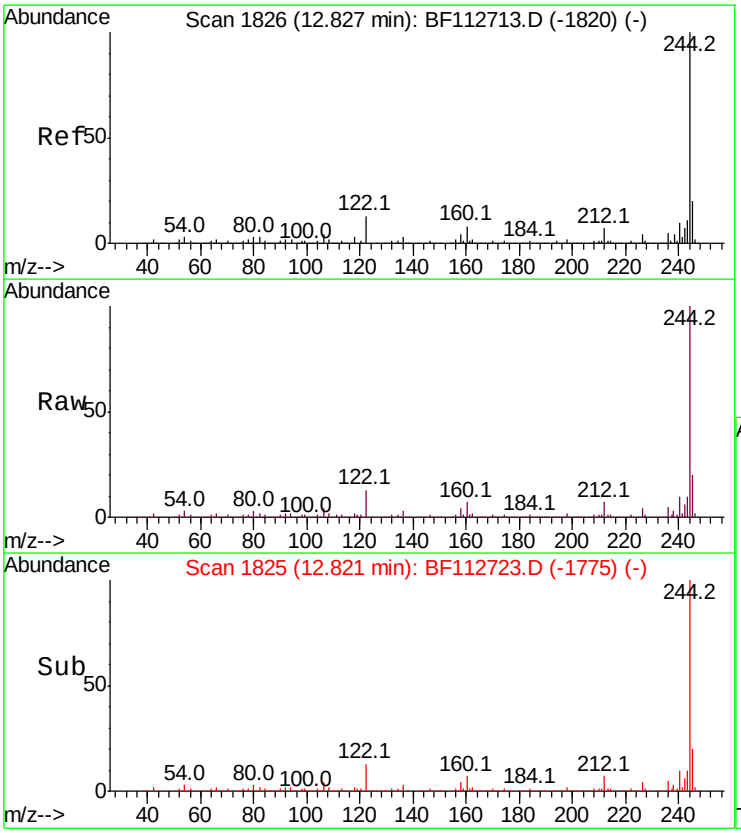
#78
Pyrene
Concen: 0.019 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:202 Resp: 708

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.0	25.4#
203	37.5	14.4	21.6#

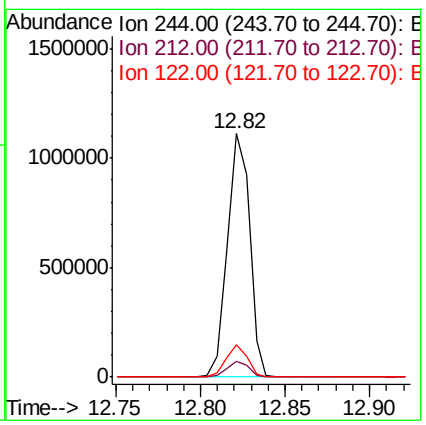


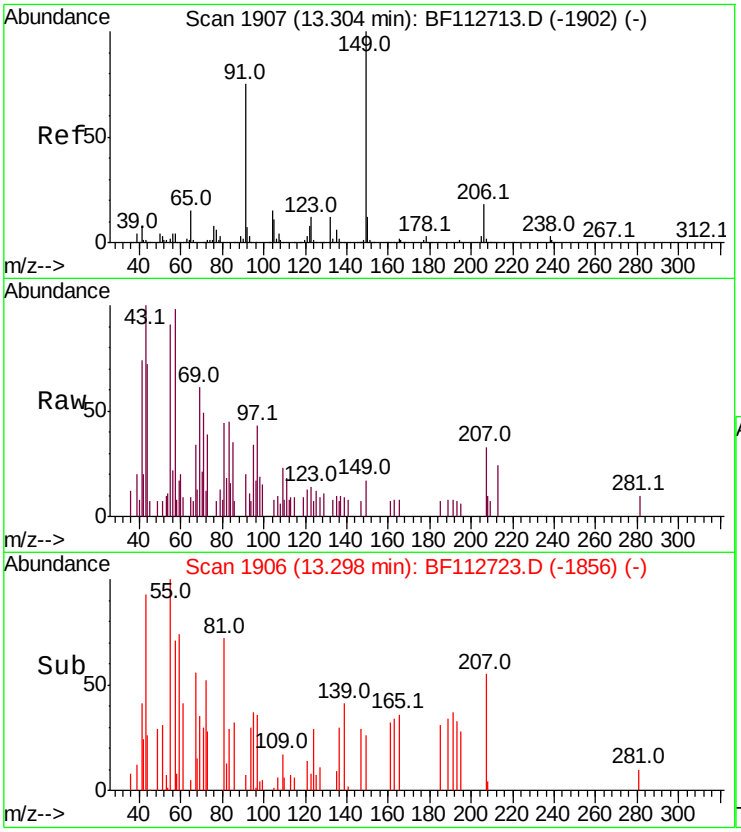


#79
Terphenyl-d14
Concen: 45.080 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:244 Resp: 1012153

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	13.4	10.5	15.7



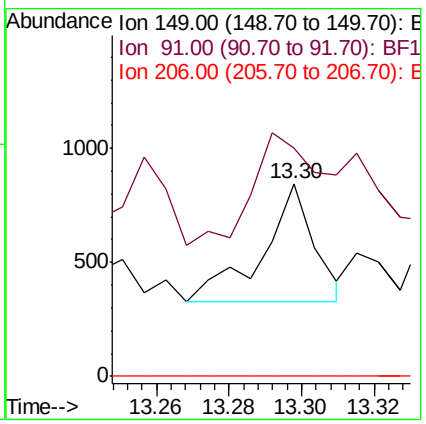


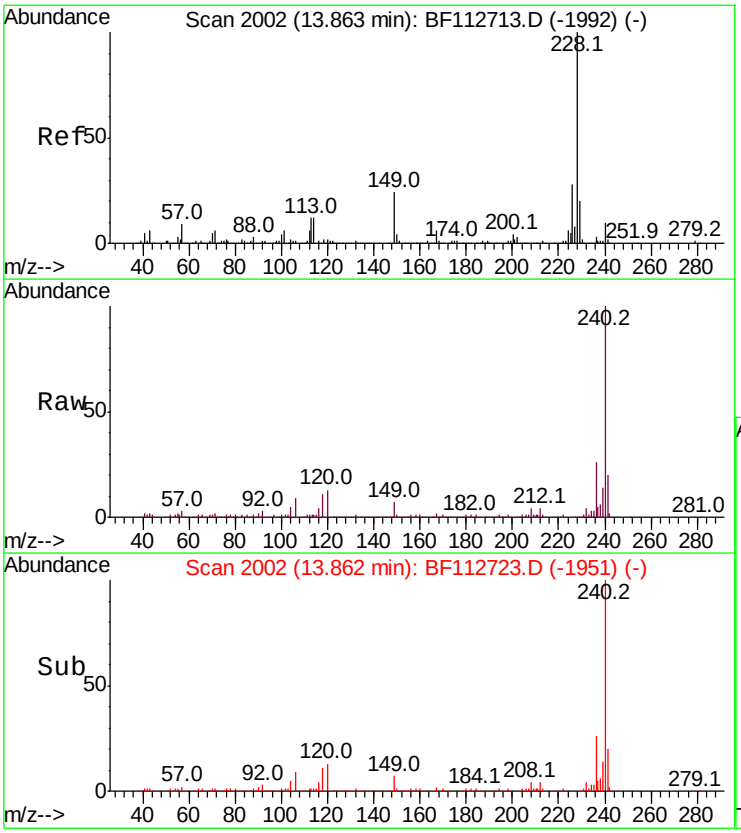
#80
Butylbenzylphthalate
Concen: 0.032 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:149 Resp: 516

Ion	Ratio	Lower	Upper
149	100		
91	118.4	59.9	89.9#
206	0.0	14.7	22.1#

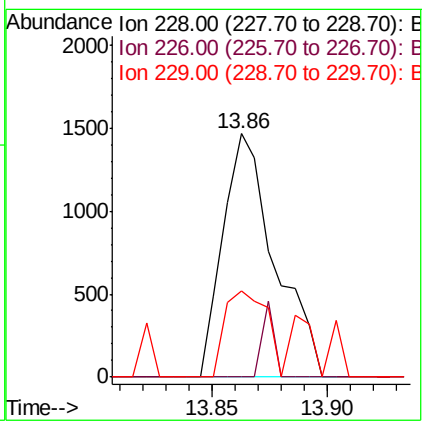


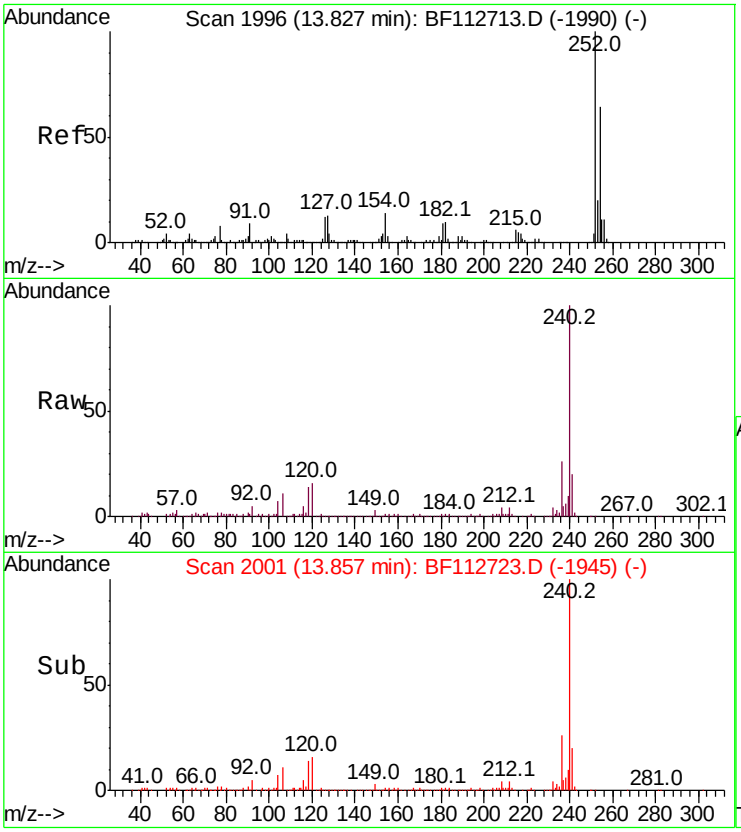


#81
Benzo(a)anthracene
Concen: 0.076 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:228 Resp: 2286

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	35.4	16.0	24.0#



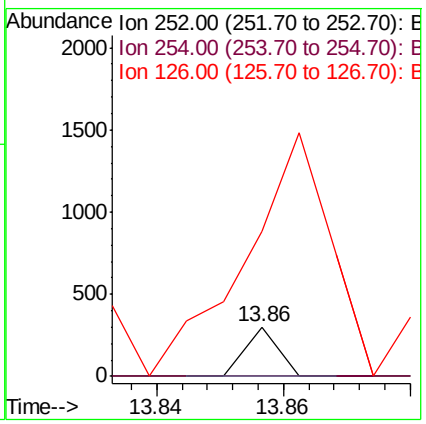


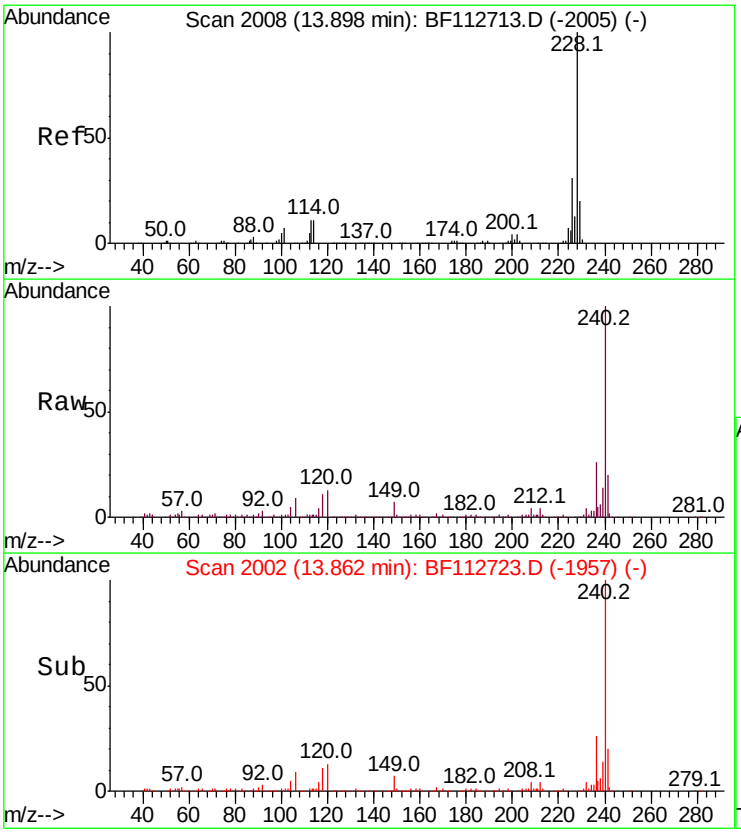
#82
3,3'-Dichlorobenzidine
Concen: 0.009 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.03 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:252 Resp: 107

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	293.0	9.9	14.9#

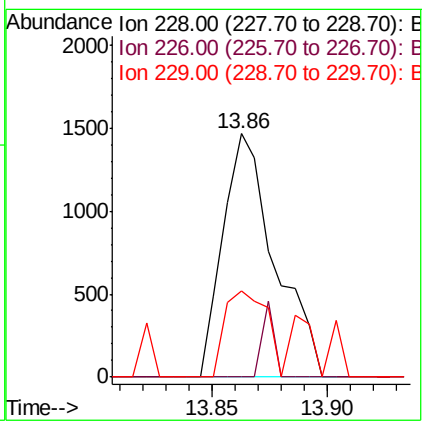


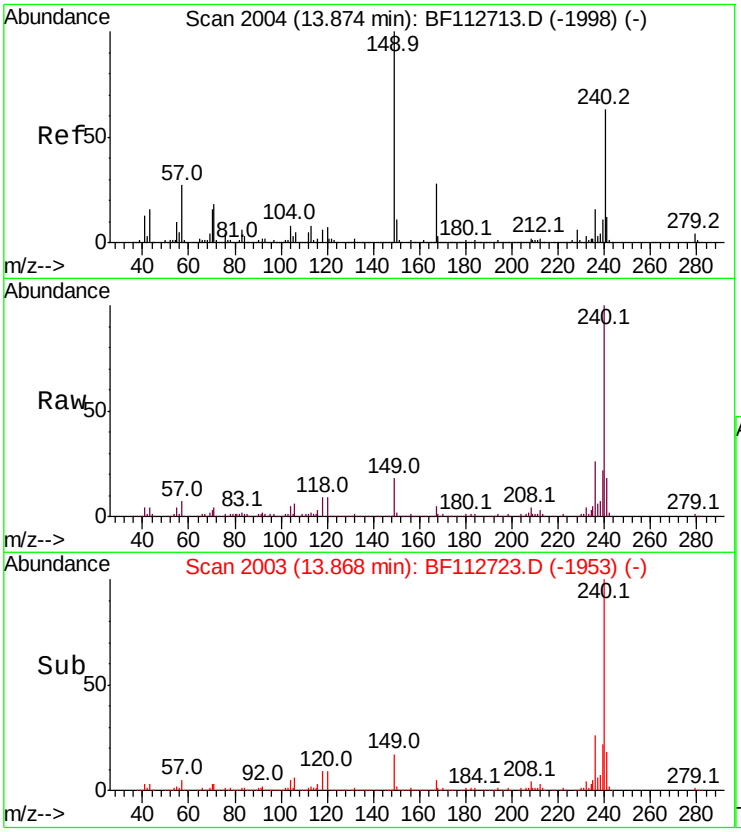


#83
Chrysene
Concen: 0.077 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:228 Resp: 2286

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	35.4	16.3	24.5#



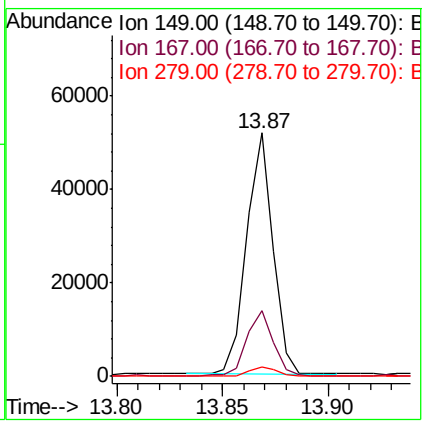


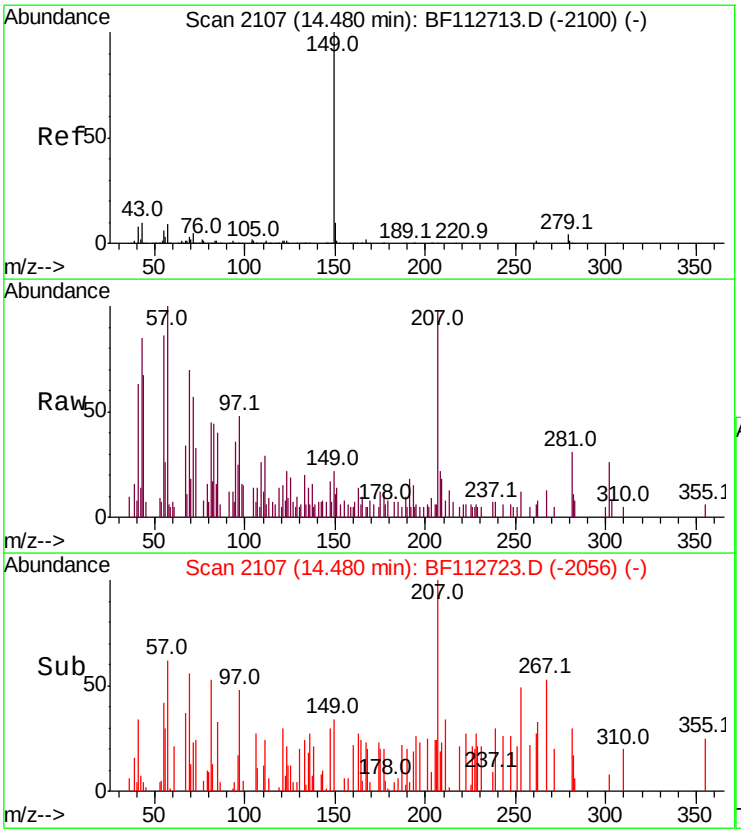
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.362 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:149 Resp: 44876

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	3.7	3.3	4.9

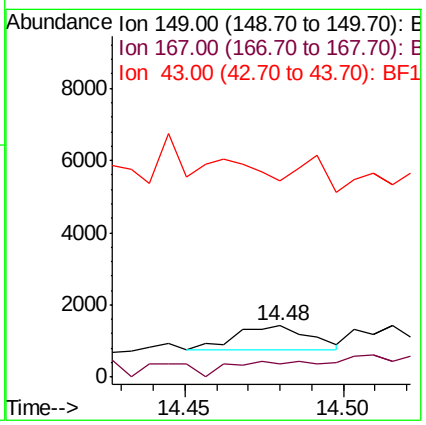


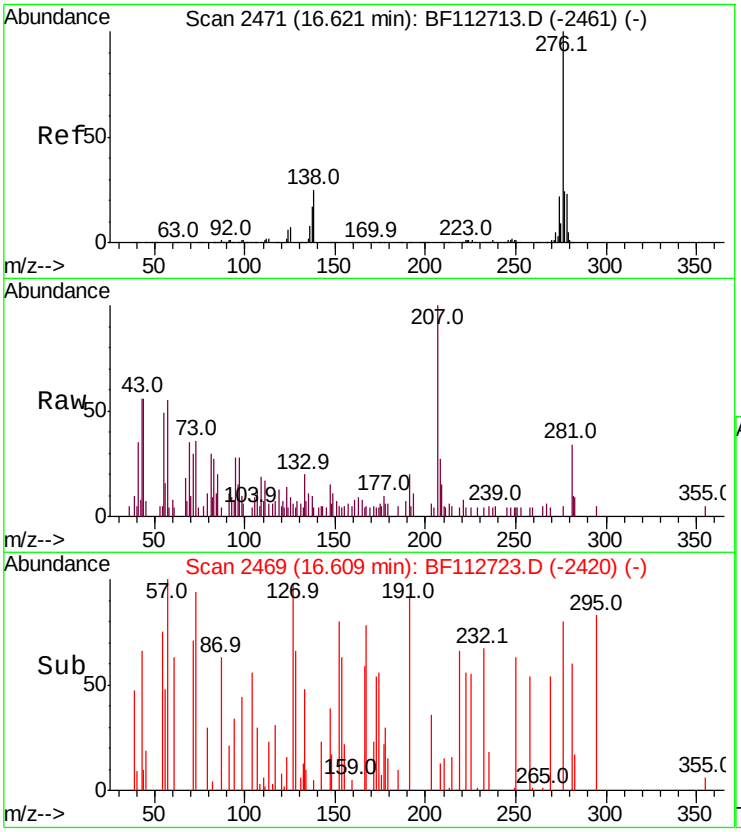


#85
Di-n-octyl phthalate
Concen: 0.032 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:149 Resp: 1054

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



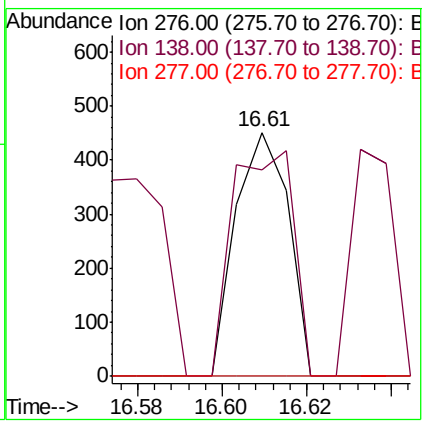


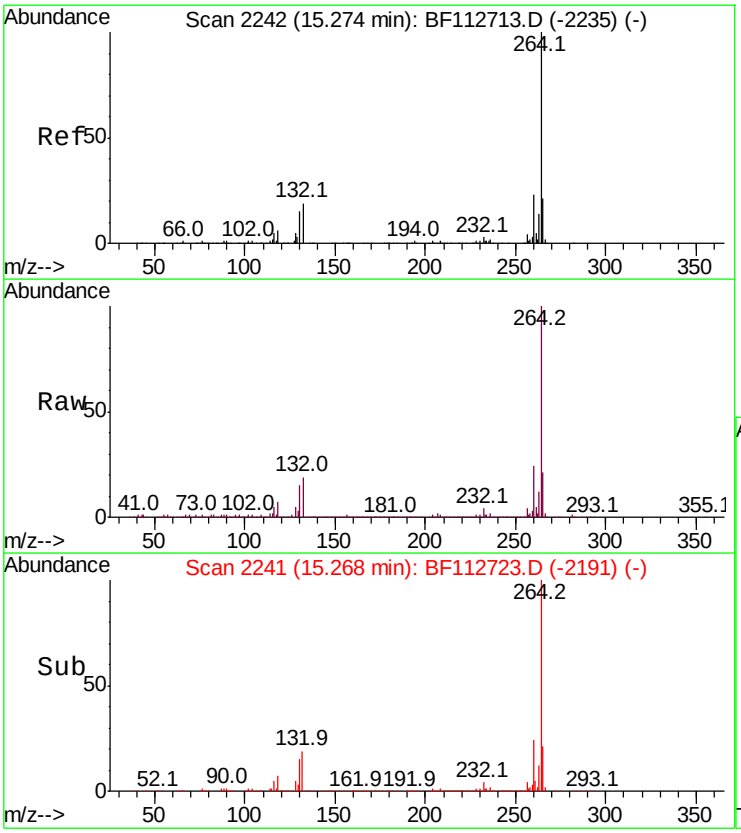
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.016 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:276 Resp: 392

Ion	Ratio	Lower	Upper
276	100		
138	107.1	23.2	34.8#
277	0.0	19.9	29.9#

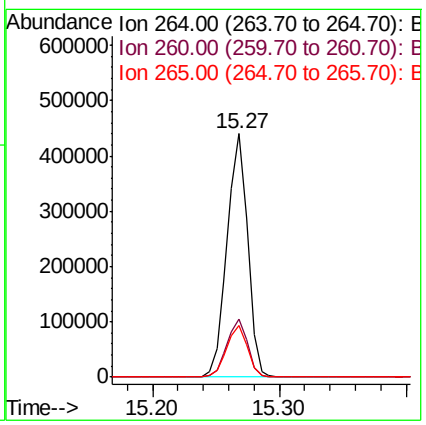


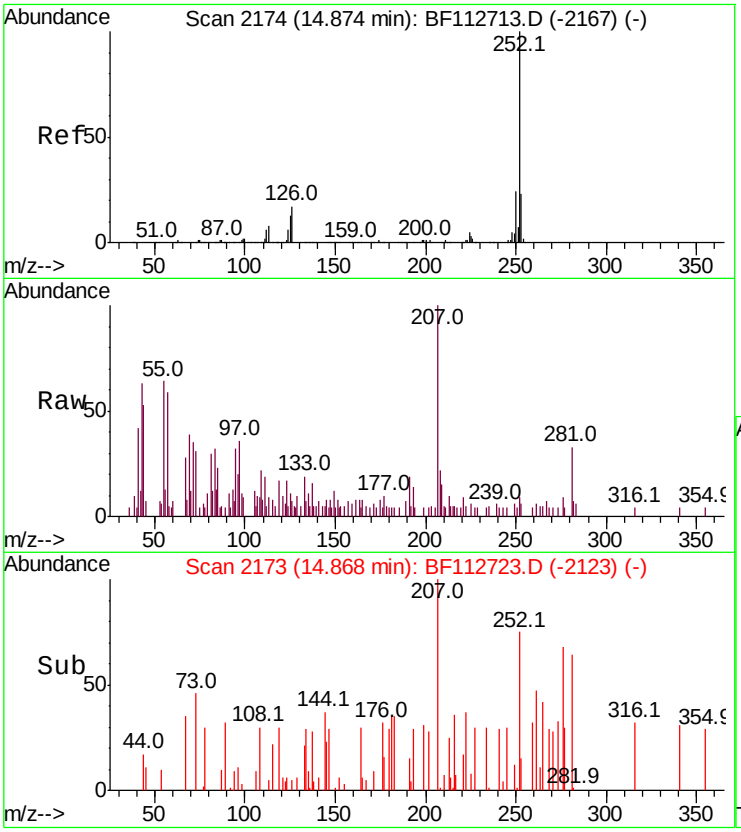


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:264 Resp: 493715

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.4	17.2	25.8



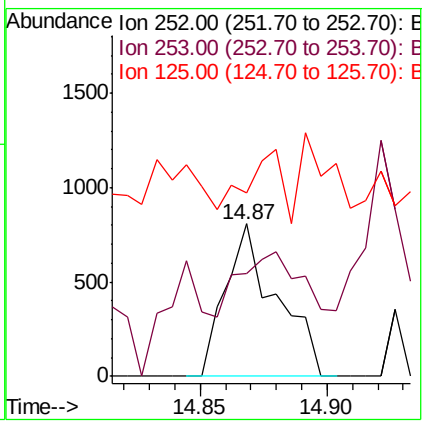


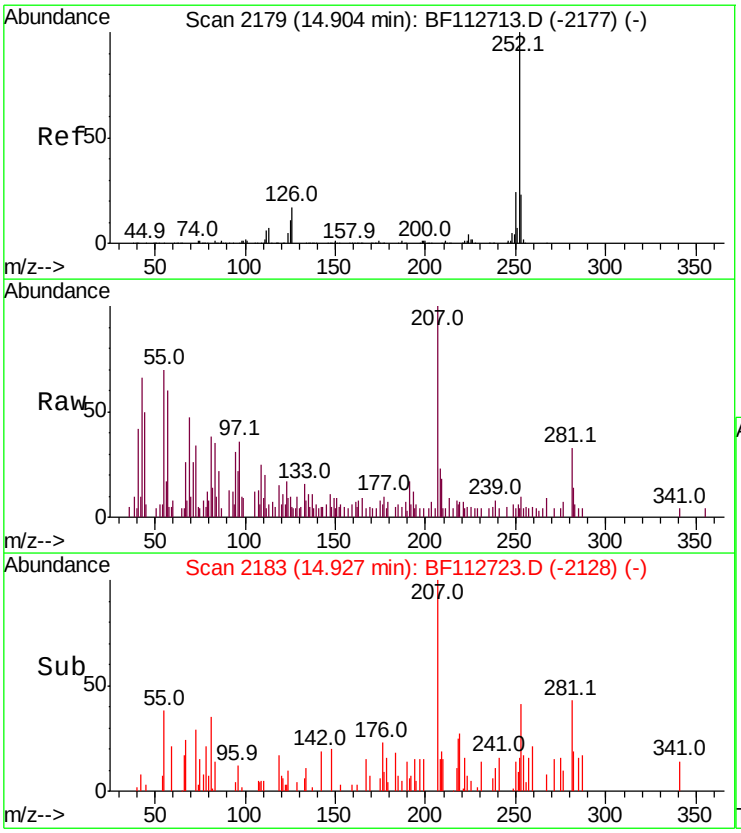
#88
Benzo(b)fluoranthene
Concen: 0.035 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:252 Resp: 1124

Ion	Ratio	Lower	Upper
252	100		
253	67.1	18.0	27.0#
125	120.7	10.2	15.2#

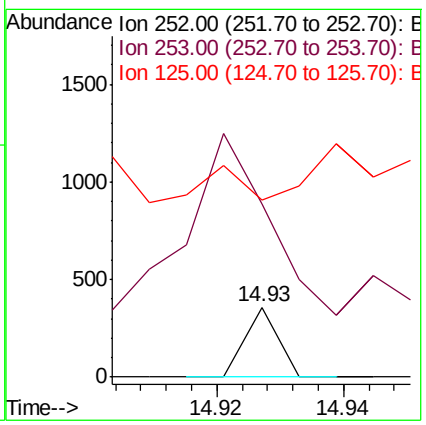


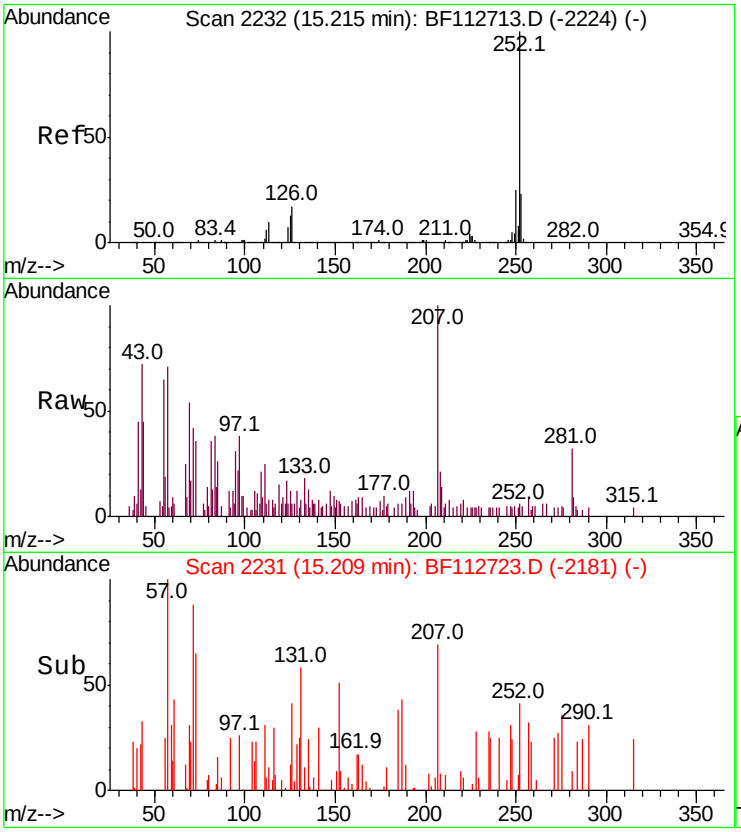


#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:252 Resp: 126

Ion	Ratio	Lower	Upper
252	100		
253	247.8	18.2	27.2#
125	252.8	9.8	14.6#



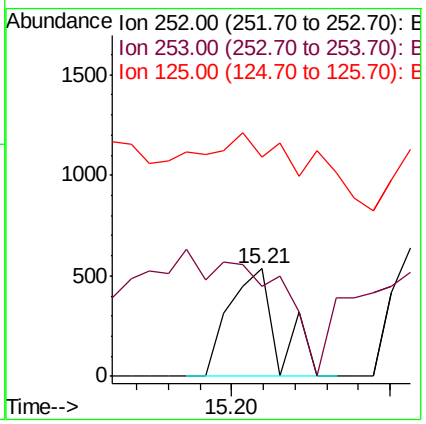


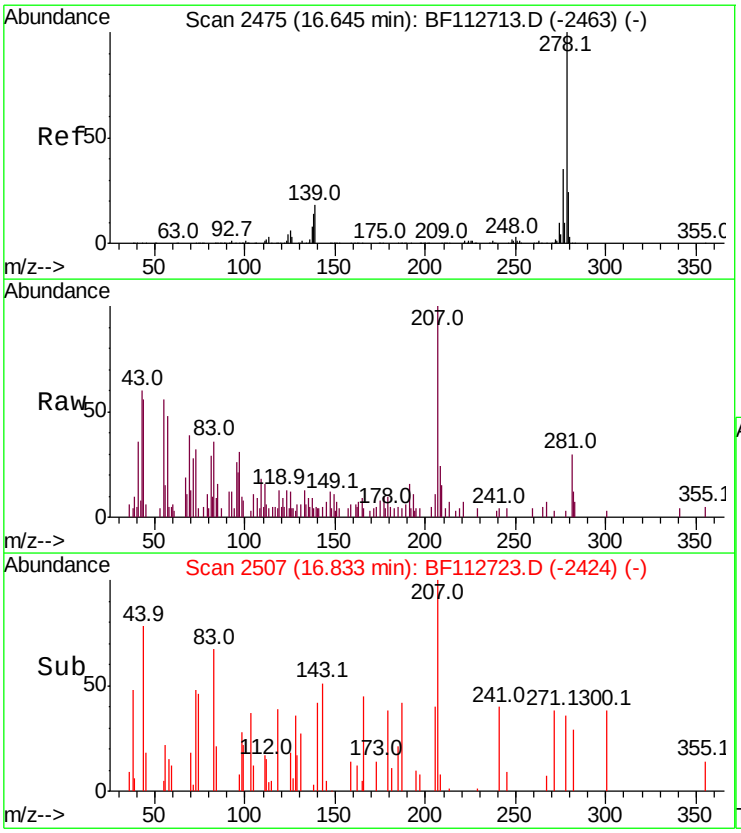
#90
Benzo(a)pyrene
Concen: 0.020 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:252 Resp: 571

Ion	Ratio	Lower	Upper
252	100		
253	84.0	18.0	27.0#
125	203.2	10.7	16.1#

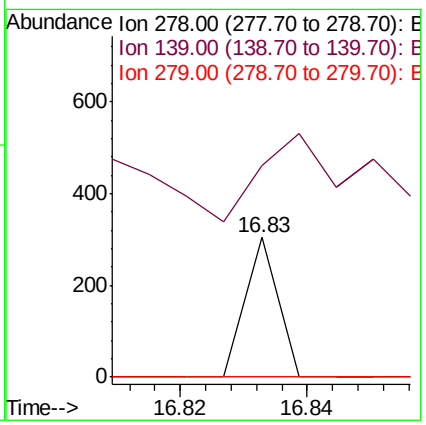


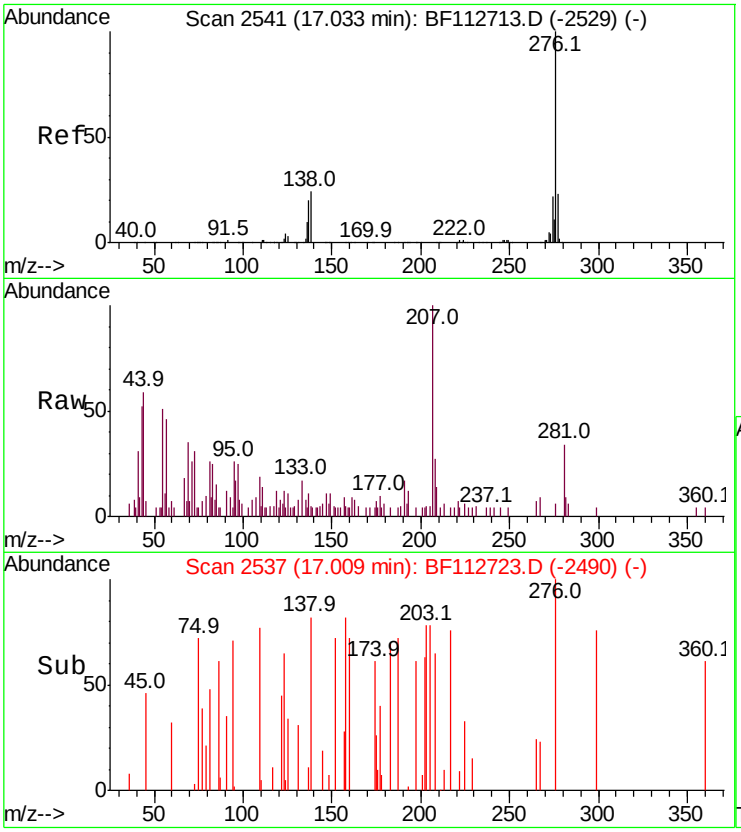


#91
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.19 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Tgt Ion:278 Resp: 107

Ion	Ratio	Lower	Upper
278	100		
139	151.6	14.3	21.5#
279	0.0	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 0.049 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF112723.D
Acq: 27 Feb 2019 17:07

Instrument :
BNA_F
ClientSampleId :
B-4(4-5)

Tgt Ion:276 Resp: 1176

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	81.9	19.4	29.0#