Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:44:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124686	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	497774	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	269145	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	472723	20.00	ng		0.00
76) Chrysene-d12	14.06	240	271538	20.00	ng		-0.01
87) Perylene-d12	15.54	264	298540	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	677513	95.17	ng		0.00
7) Phenol-d6	6.49	99	885279	102.81	ng		0.00
23) Nitrobenzene-d5	7.43	82	529855	59.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	299315	91.54	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1108308	62.66	ng		0.00
79) Terphenyl-d14	13.00	244	1066188	67.52	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.53	93	153	0.014	ng	#	51
9) Benzaldehyde	6.42	77	820	Below Cal		#	69
10) Phenol	6.50	94	13619	1.387	ng		78
11) bis(2-Chloroethyl)ether	6.57	93	1180	0.166	ng	#	22
12) 1,3-Dichlorobenzene	6.88	146	647	0.069	ng	#	81
13) 1,4-Dichlorobenzene	6.88	146	647	0.069	ng		94
14) 1,2-Dichlorobenzene	6.88	146	647	0.073	ng		93
15) Benzyl Alcohol	7.02	79	9622	1.432	ng	#	50
17) 2-Methylphenol	7.12	107	15819	2.478	ng		95
18) Hexachloroethane	7.48	117	128	0.037	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	72006	13.762	ng	#	77
20) 3+4-Methylphenols	7.29	107	851	0.106	ng	#	72
22) Acetophenone	7.27	105	1662	0.139	ng	#	94
24) Nitrobenzene	7.43	77	1841	0.212	ng	#	33
25) Isophorone	7.43	82	523565	34.906	ng	#	62
27) 2,4-Dimethylphenol	7.87	122	563	0.091	ng	#	3
31) Naphthalene	8.17	128	21182	0.847	ng		98
32) Benzoic acid	7.87	122	563	0.101	ng		97
33) 4-Chloroaniline	8.17	127	2553	0.237	ng	#	36
35) Caprolactam	8.86	113	399	0.179	ng	#	23
37) 2-Methylnaphthalene	8.87	142	9908	0.585	ng		97
38) 1-Methylnaphthalene	8.87	142	9908	0.623	ng		99
46) 1,1'-Biphenyl	9.33	154	6080	0.286	ng		97
47) 2-Chloronaphthalene	9.44	162	118	0.007	ng	#	38
48) 2-Nitroaniline	9.57	65	226	0.046	ng	#	1
49) Acenaphthylene	9.77	152	38220	1.518	ng		99
50) Dimethylphthalate	9.62	163	127375	6.407	ng		100
51) 2,6-Dinitrotoluene	9.62	165	1342	0.310	ng	#	12
52) Acenaphthene	9.95	154	7962	0.518	ng		95
53) 3-Nitroaniline	10.12	138	375	0.074	ng	#	4
55) Dibenzofuran	10.12	168	20037	0.890	ng		97
56) 4-Nitrophenol	10.12	139	8370	2.371	ng	#	7
57) 2,4-Dinitrotoluene	9.91	165	35486	6.150	ng	#	26
58) Fluorene	10.46	166	35513	1.984	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:44:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Diethylphthalate	10.33	149	446	0.023	ng	#	60
62) 4-Nitroaniline	10.46	138	309	0.058	ng	#	17
63) Azobenzene	10.62	77	1453	0.087	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.70	198	542	0.208	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	2252	0.153	ng	#	83
67) 4-Bromophenyl-phenylether	10.70	248	18973	3.516	ng	#	1
71) Phenanthrene	11.43	178	465105	18.508	ng		99
72) Anthracene	11.48	178	52795	2.106	ng		98
73) Carbazole	11.63	167	42049	1.870	ng		98
74) Di-n-butylphthalate	11.96	149	6018	0.214	ng	#	84
75) Fluoranthene	12.62	202	552648	21.510	ng		98
77) Benzidine	12.99	184	15067	2.108	ng	#	95
78) Pyrene	12.85	202	464102	21.689	ng		99
80) Butylbenzylphthalate	13.47	149	3057	0.315	ng	#	86
81) Benzo(a)anthracene	14.04	228	193216	10.291	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	264	0.043	ng	#	1
83) Chrysene	14.08	228	195145	10.880	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	15056	1.178	ng	#	97
85) Di-n-octyl phthalate	14.64	149	1058	0.055	ng	#	1
86) Indeno(1,2,3-cd)pyrene	17.04	276	106942	7.087	ng		95
88) Benzo(b)fluoranthene	15.11	252	342068	17.325	ng		99
89) Benzo(k)fluoranthene	15.11	252	342068	18.034	ng	#	98
90) Benzo(a)pyrene	15.48	252	182672	10.475	ng		99
91) Dibenzo(a,h)anthracene	17.05	278	27339	1.828	ng	#	80
92) Benzo(g,h,i)perylene	17.50	276	99604	6.930	ng		96

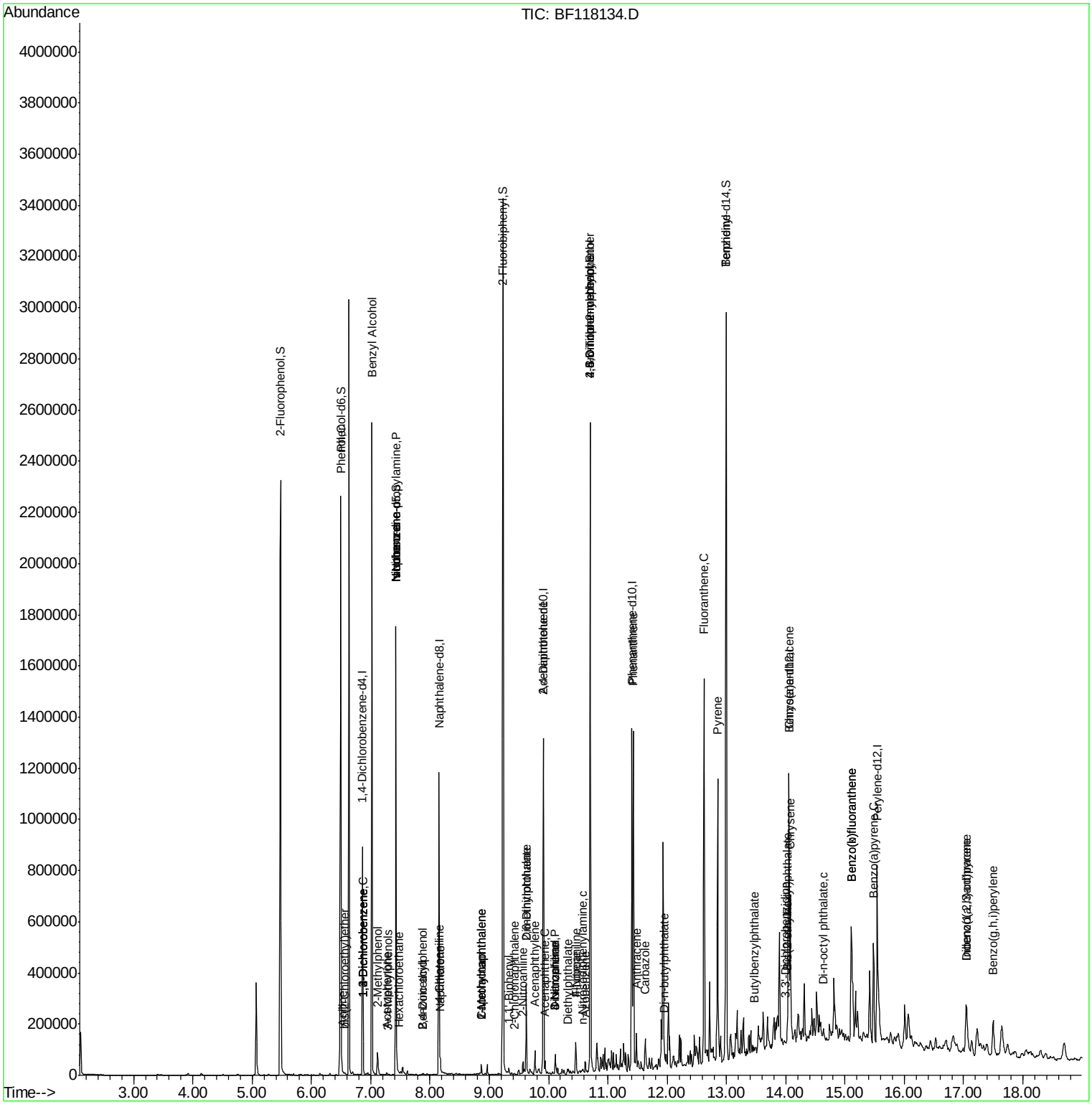
(#) = qualifier out of range (m) = manual integration (+) = signals summed

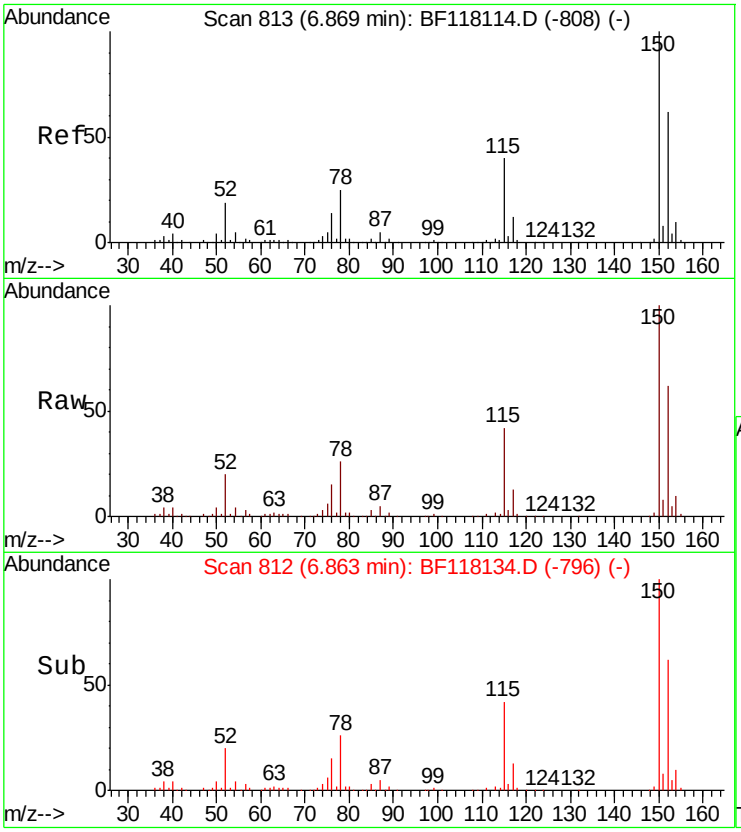
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 09 05:44:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



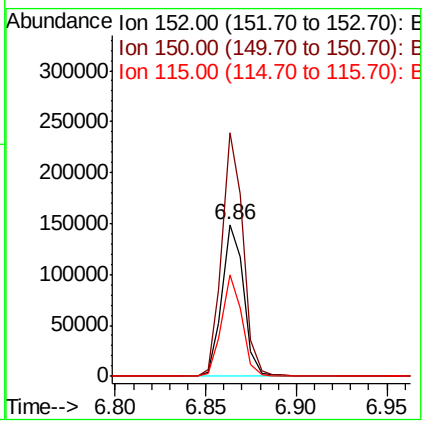


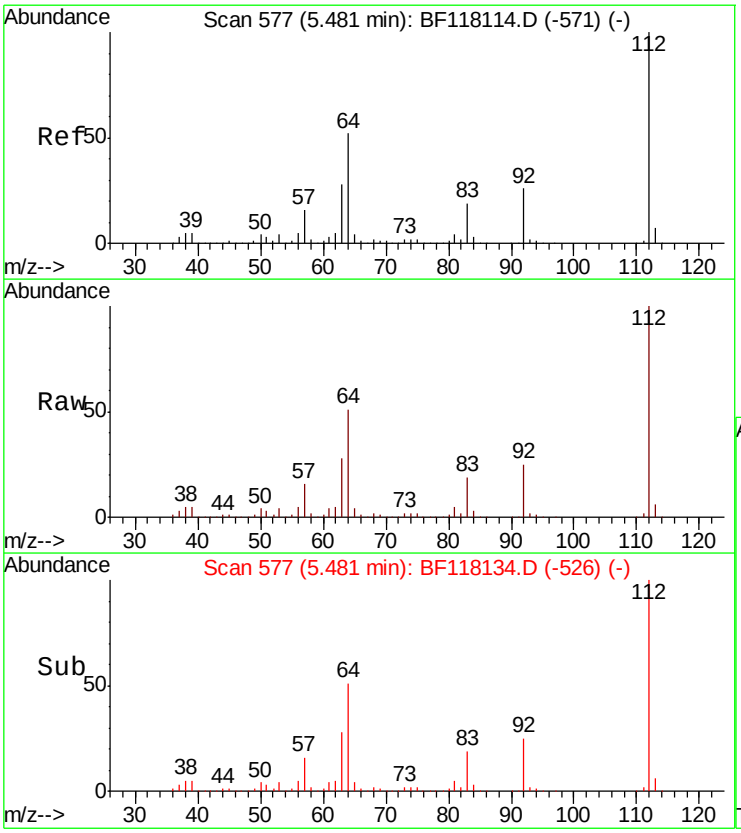
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124686

Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.3	192.5
115	66.8	51.1	76.7

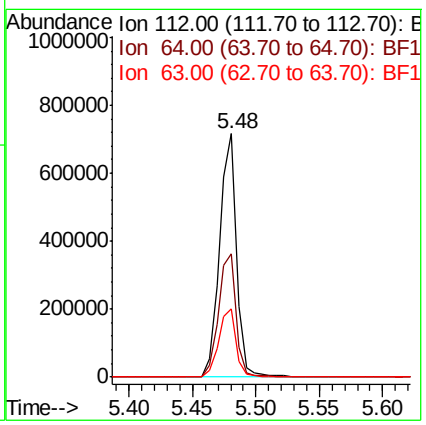


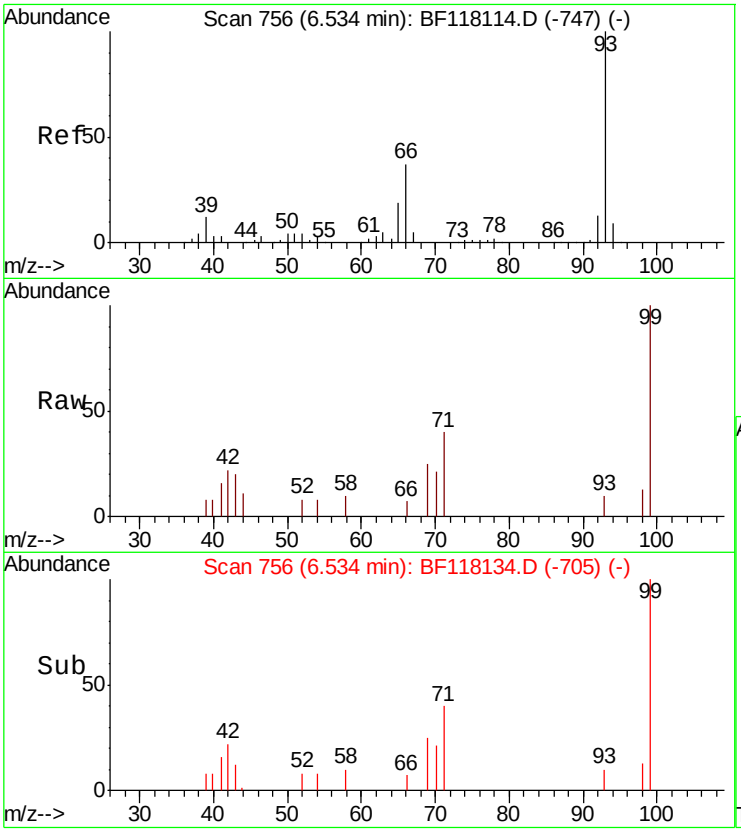


#5
2-Fluorophenol
Concen: 95.170 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:112 Resp: 677513

Ion	Ratio	Lower	Upper
112	100		
64	50.8	41.3	61.9
63	27.8	22.4	33.6



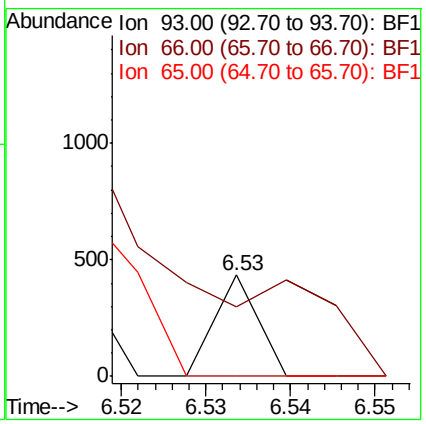


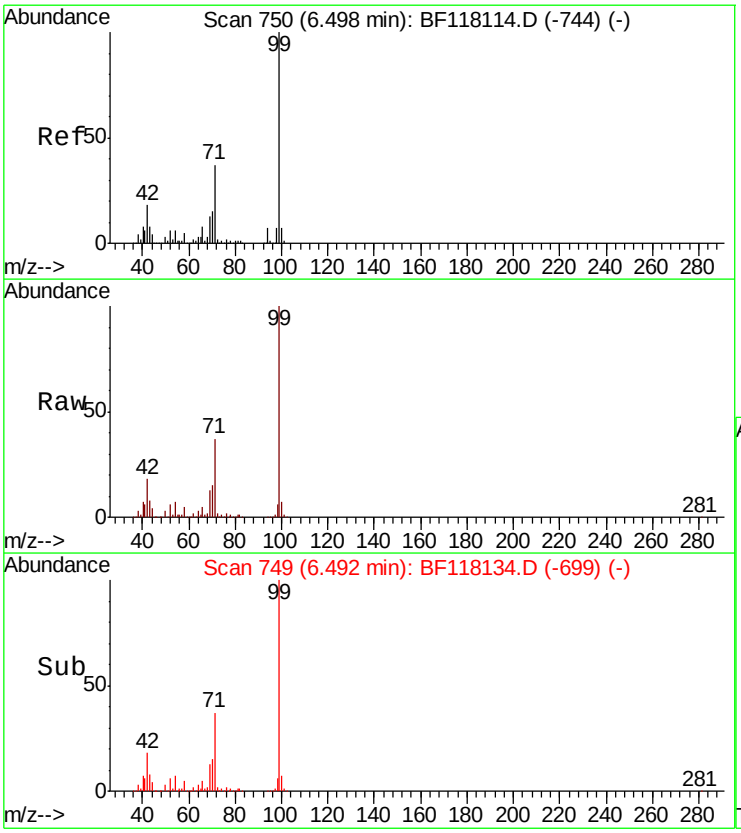
#6
Aniline
Concen: 0.014 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 153

Ion	Ratio	Lower	Upper
93	100		
66	69.5	30.2	45.2#
65	0.0	15.5	23.3#

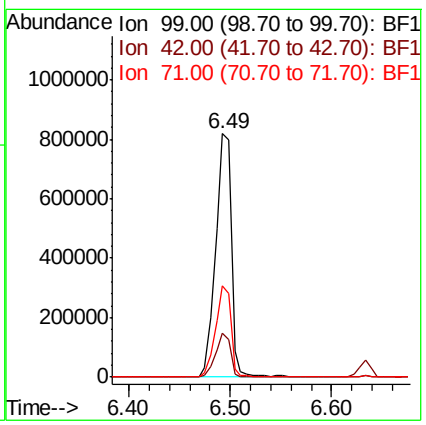


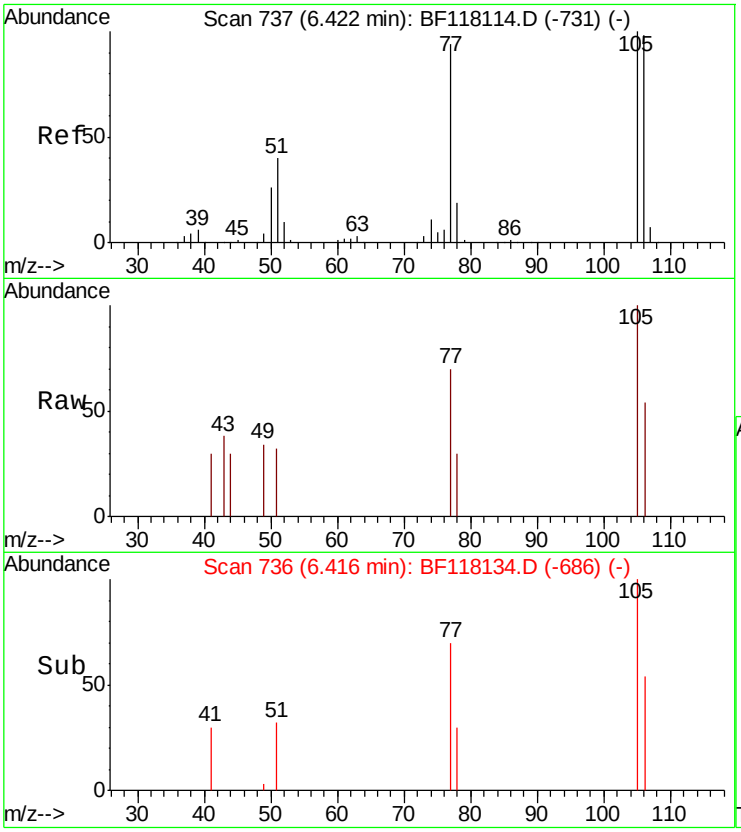


#7
Phenol-d6
Concen: 102.813 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 99 Resp: 885279

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	37.4	29.7	44.5



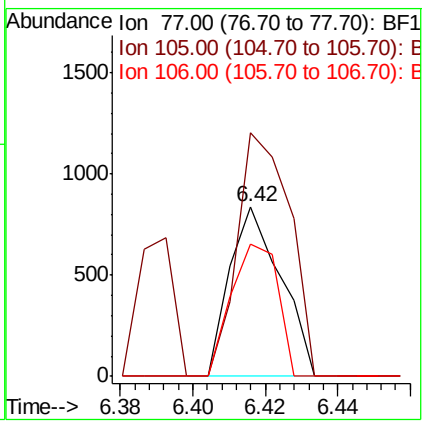


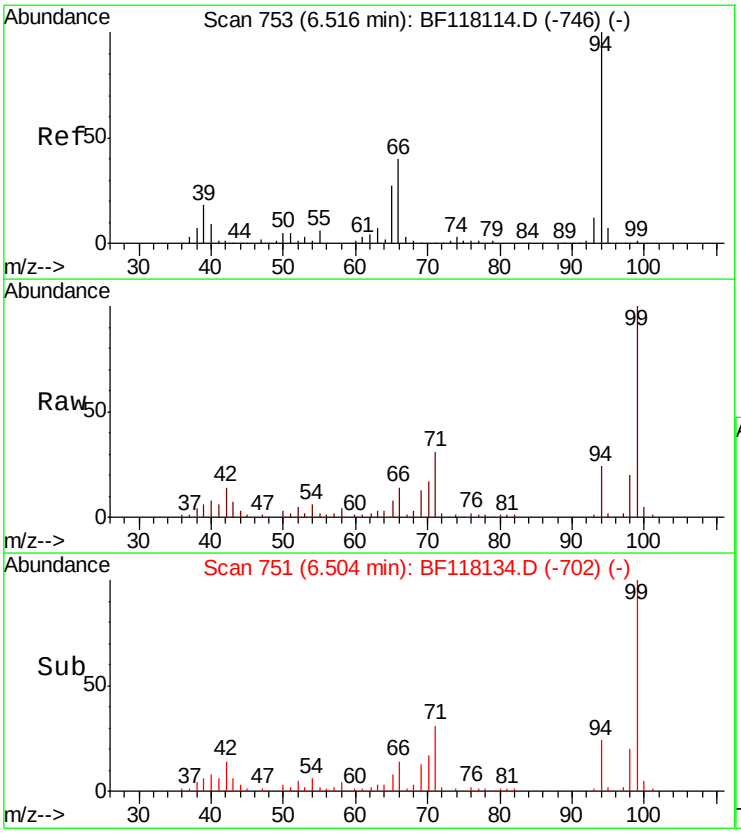
#9
Benzaldehyde
Concen: Below Cal
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 820

Ion	Ratio	Lower	Upper
77	100		
105	143.2	86.4	126.4#
106	77.6	83.8	123.8#

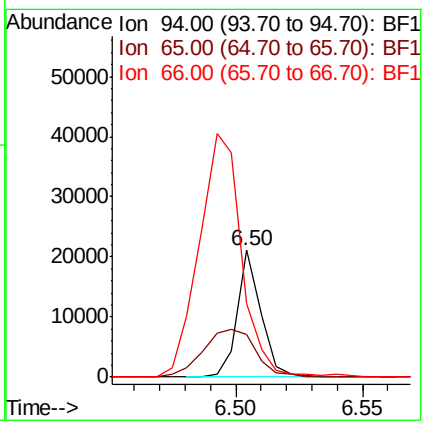


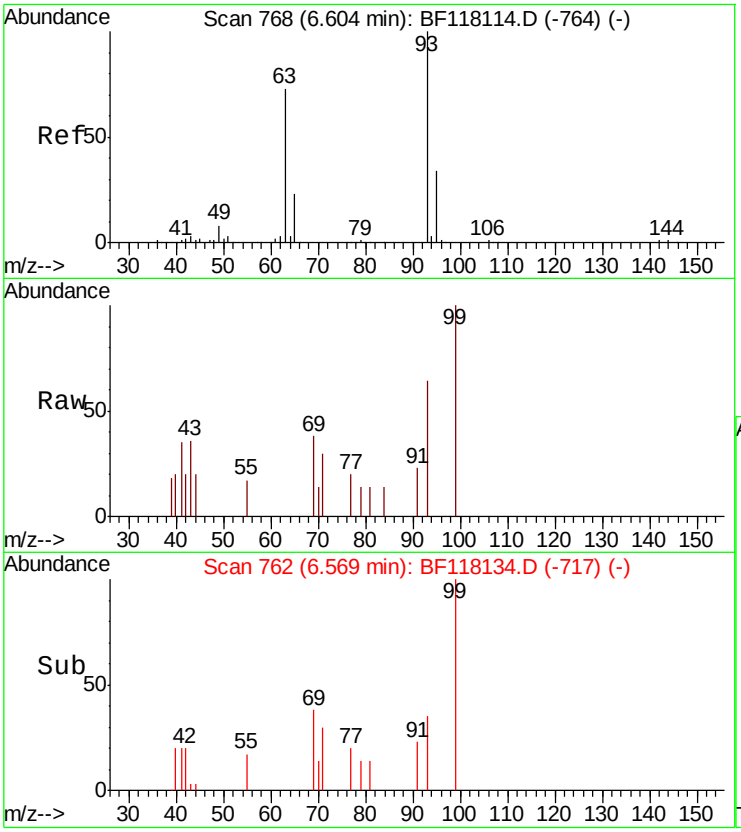


#10
Phenol
Concen: 1.387 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 94 Resp: 13619

Ion	Ratio	Lower	Upper
94	100		
65	34.1	7.3	47.3
66	57.7	20.2	60.2



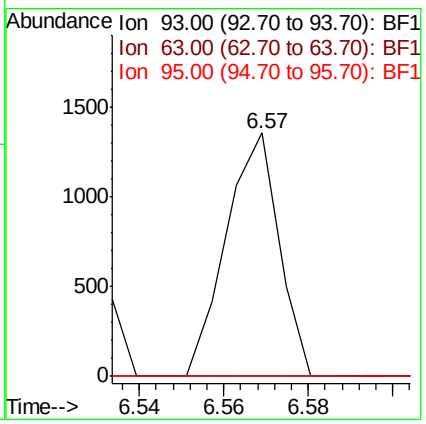


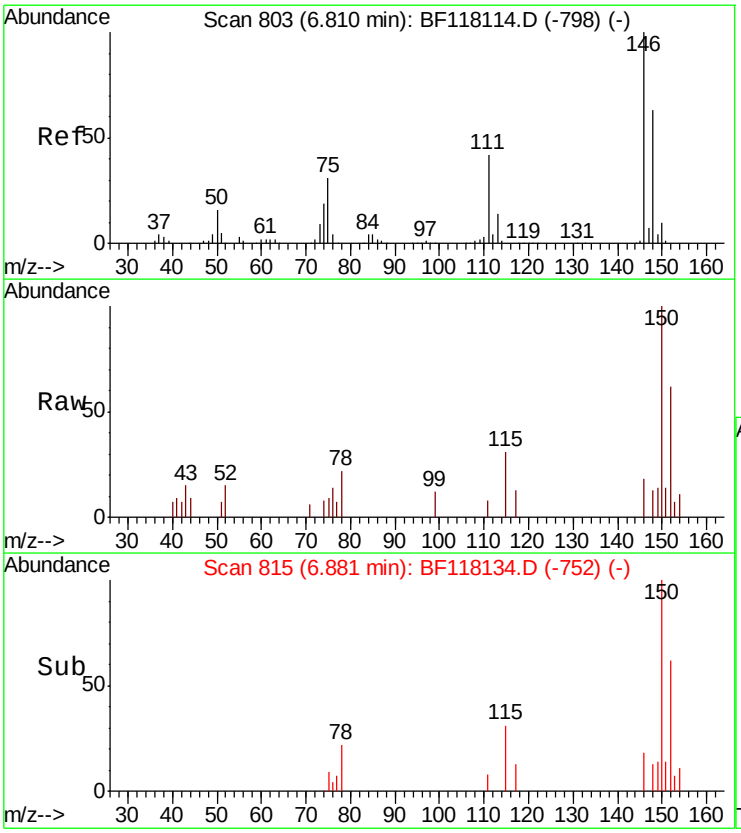
#11
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.04 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1180

Ion	Ratio	Lower	Upper
93	100		
63	0.0	53.2	93.2#
95	0.0	13.8	53.8#

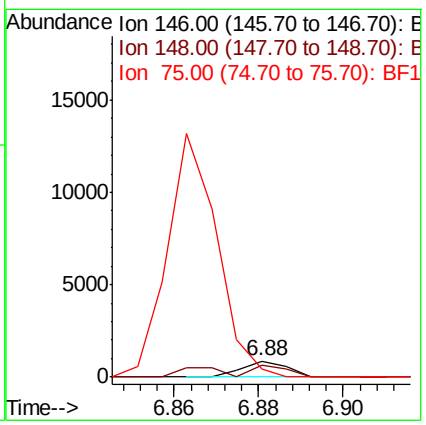


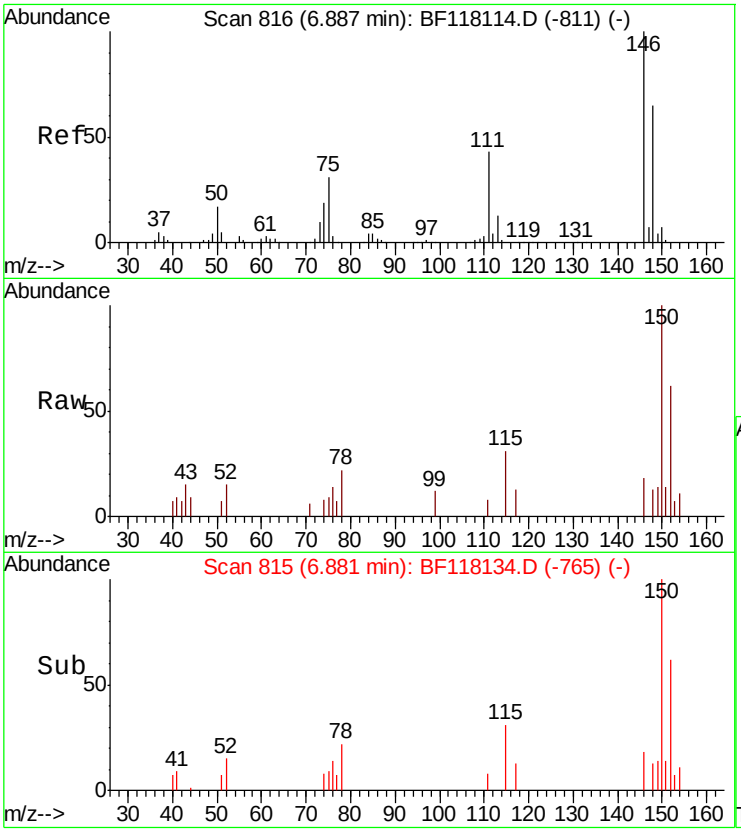


#12
1,3-Dichlorobenzene
Concen: 0.069 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.07 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:146 Resp: 647

Ion	Ratio	Lower	Upper
146	100		
148	73.1	50.2	75.4
75	48.0	24.6	37.0#



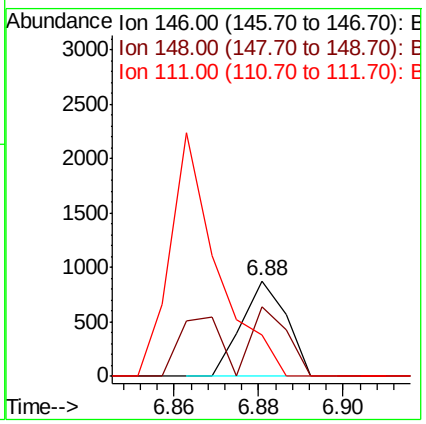


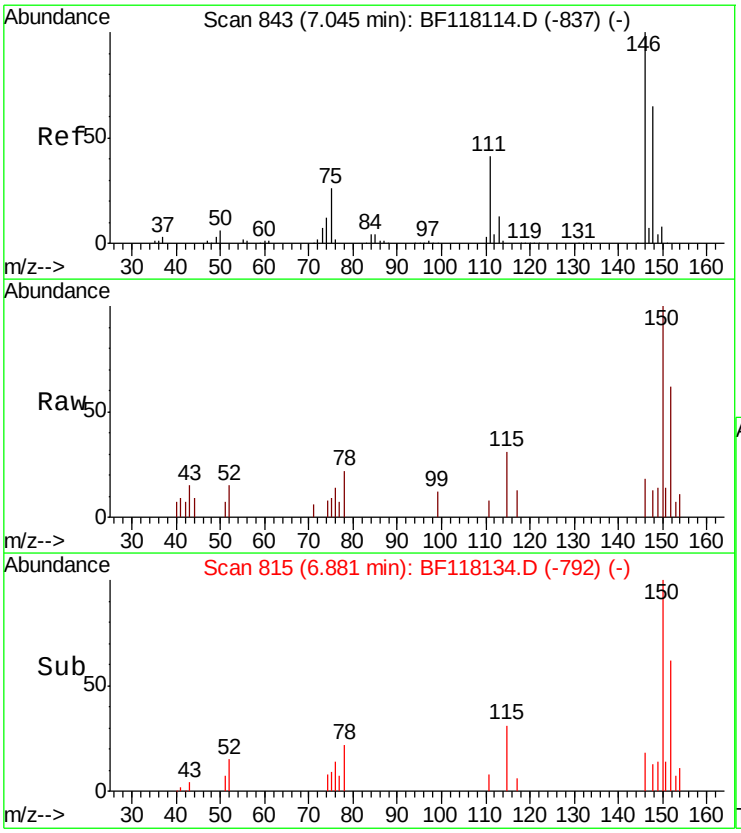
#13
1,4-Dichlorobenzene
Concen: 0.069 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 647

Ion	Ratio	Lower	Upper
146	100		
148	73.1	52.1	78.1
111	42.7	34.6	52.0

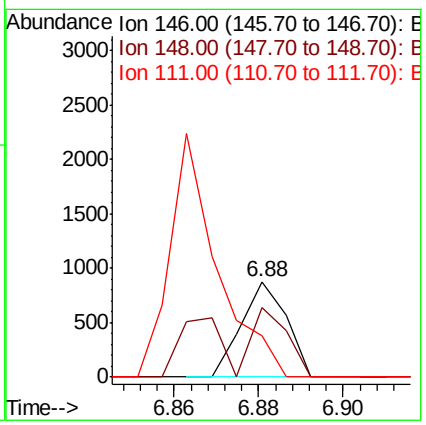


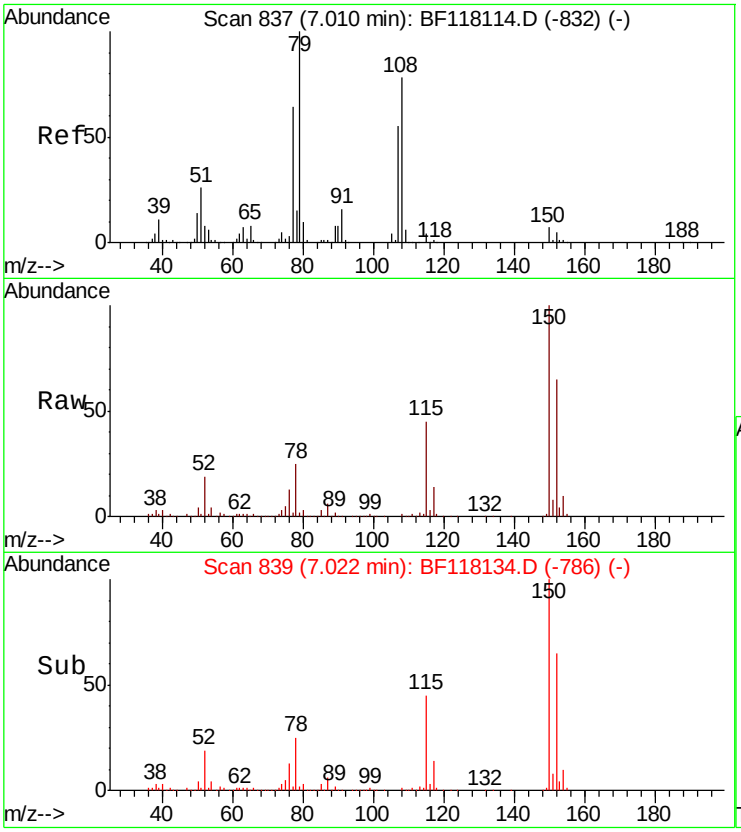


#14
1,2-Dichlorobenzene
Concen: 0.073 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.16 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:146 Resp: 647

Ion	Ratio	Lower	Upper
146	100		
148	73.1	52.2	78.2
111	42.7	33.1	49.7



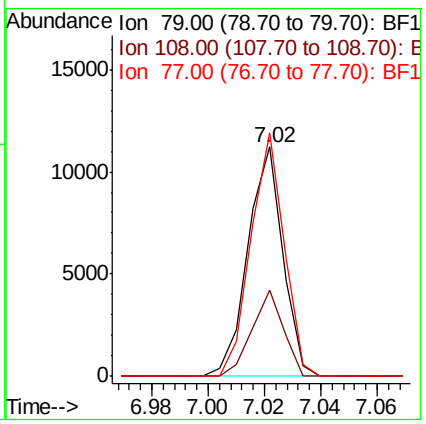


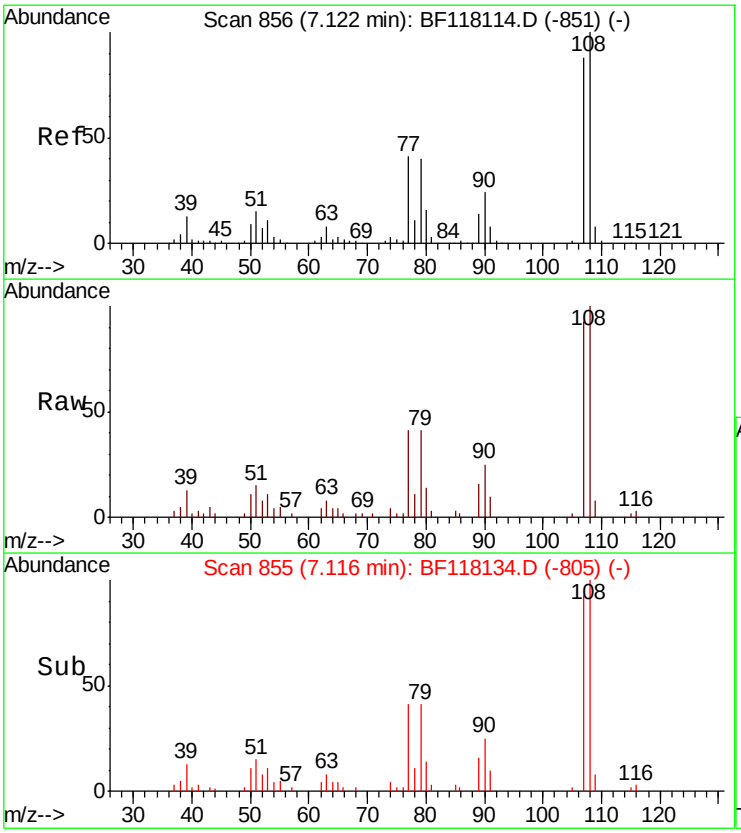
#15
Benzyl Alcohol
Concen: 1.432 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 9622

Ion	Ratio	Lower	Upper
79	100		
108	37.8	62.7	94.1#
77	106.2	51.4	77.2#

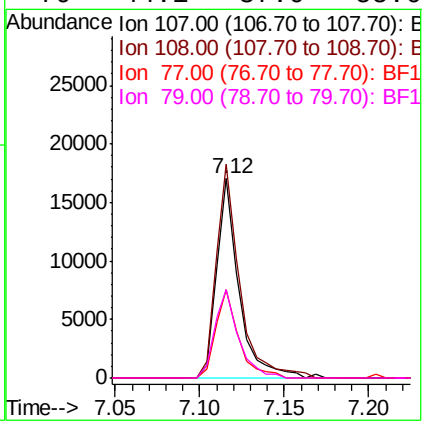


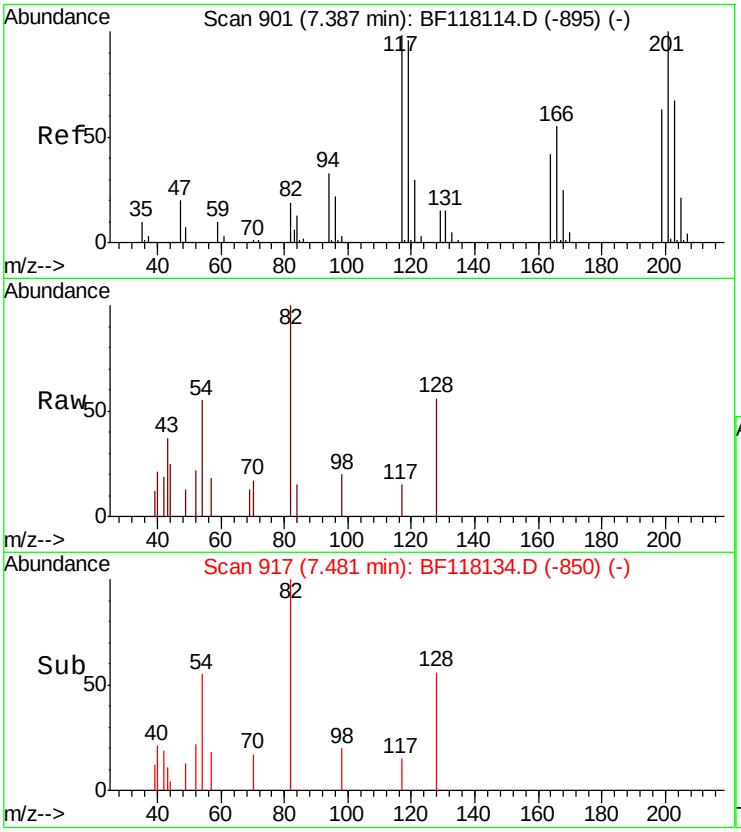


#17
2-Methylphenol
Concen: 2.478 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:107 Resp: 15819

Ion	Ratio	Lower	Upper
107	100		
108	107.2	91.1	136.7
77	44.5	37.8	56.6
79	44.1	37.0	55.6



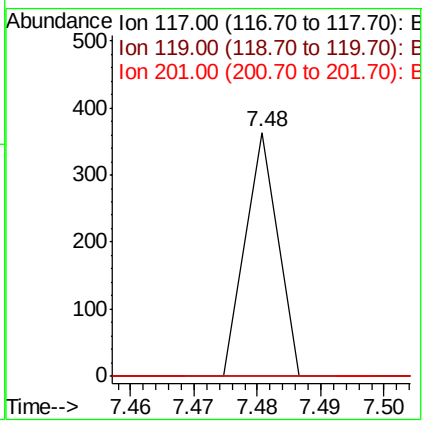


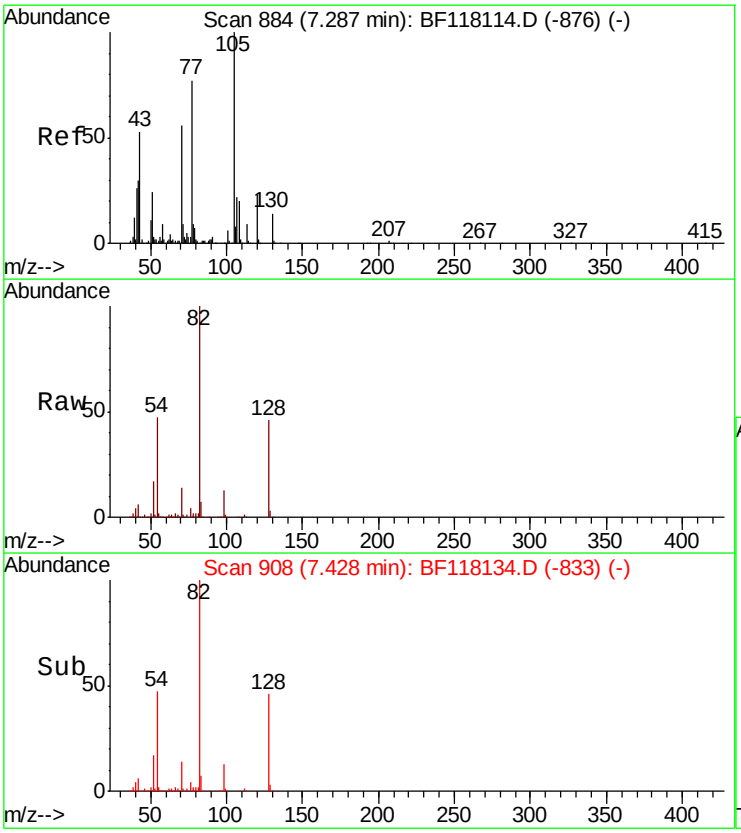
#18
Hexachloroethane
Concen: 0.037 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.09 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 128

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.4#
201	0.0	81.6	122.4#

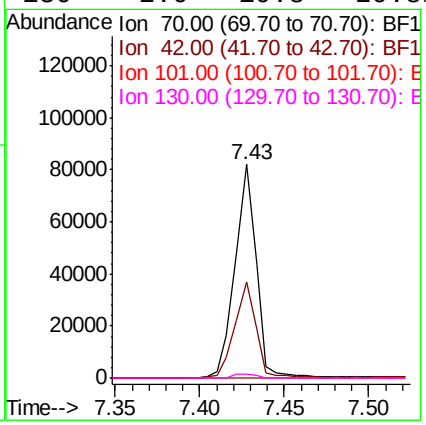


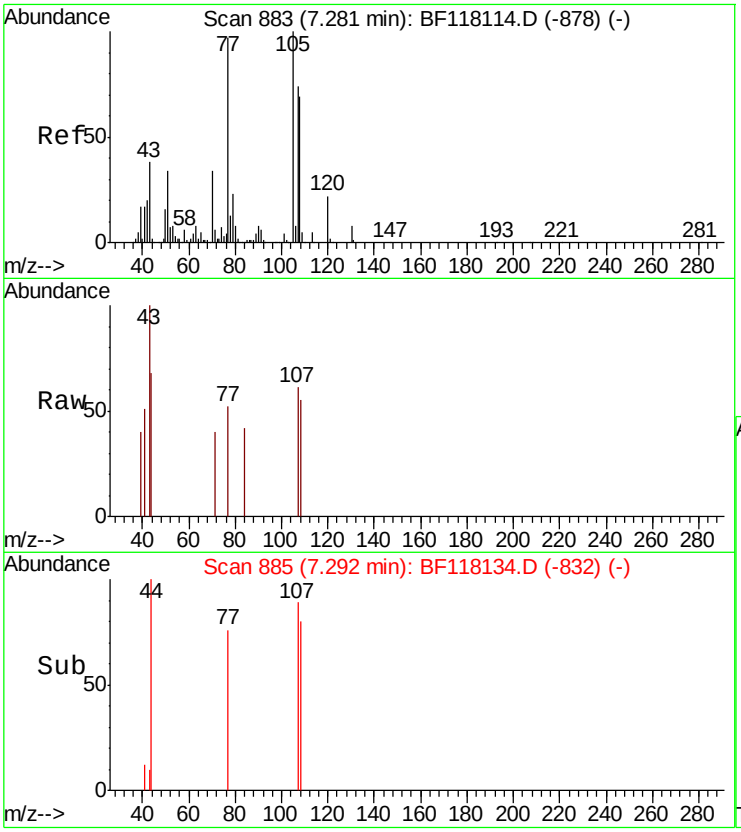


#19
n-Nitroso-di-n-propylamine
Concen: 13.762 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 70 Resp: 72006

Ion	Ratio	Lower	Upper
70	100		
42	45.1	43.2	64.8
101	0.0	8.1	12.1#
130	2.0	19.8	29.8#



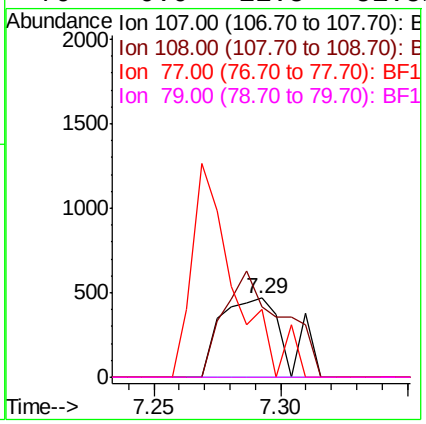


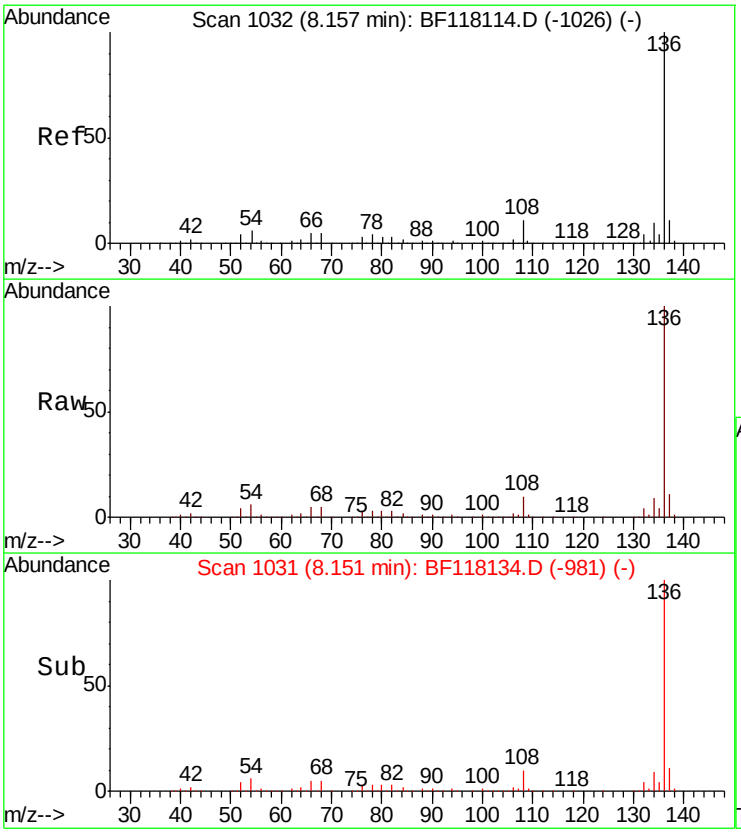
#20
3+4-Methylphenols
Concen: 0.106 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 851

Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.2	113.2
77	85.4	110.9	150.9#
79	0.0	11.5	51.5#

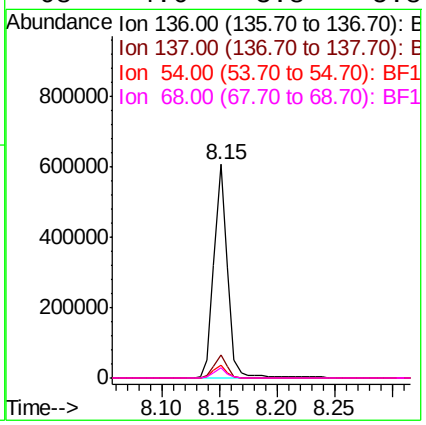


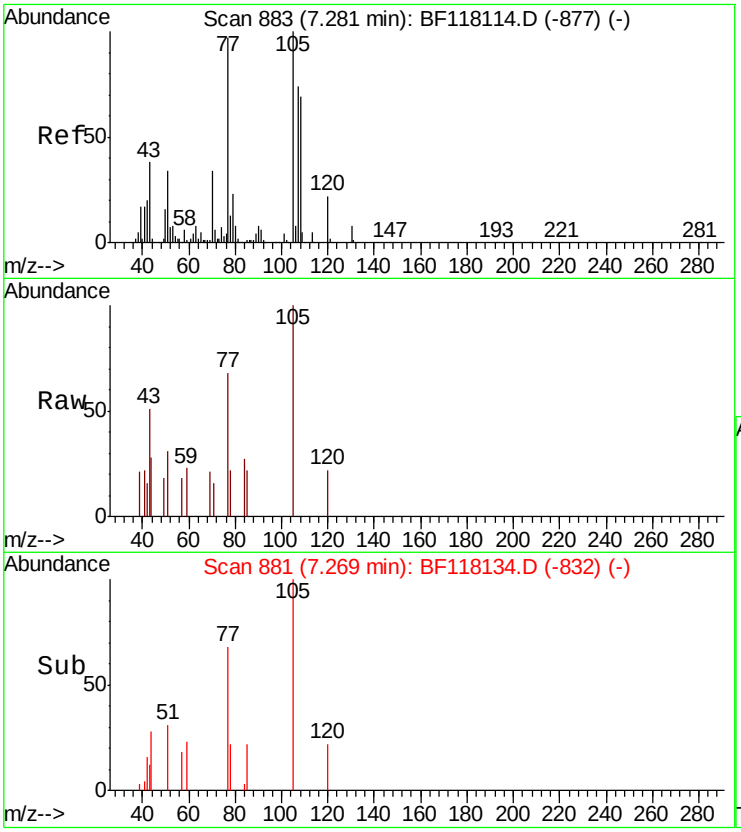


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:136 Resp: 497774

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.3	5.0	7.6
68	4.6	3.8	5.8



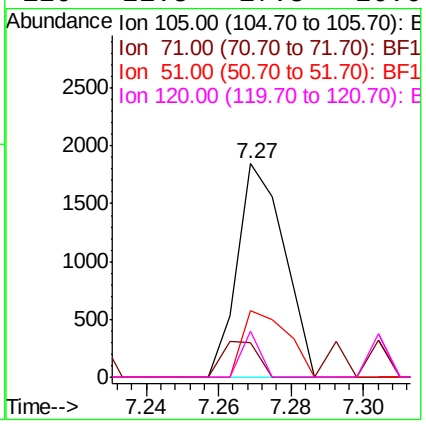


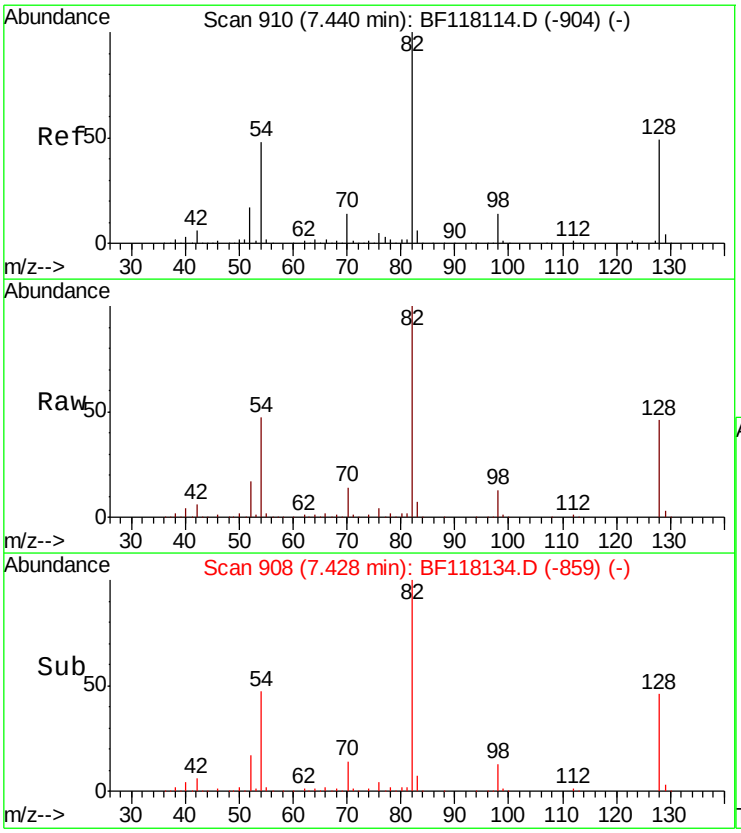
#22
Acetophenone
Concen: 0.139 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 1662

Ion	Ratio	Lower	Upper
105	100		
71	16.4	4.7	7.1#
51	31.2	27.1	40.7
120	21.8	17.8	26.6

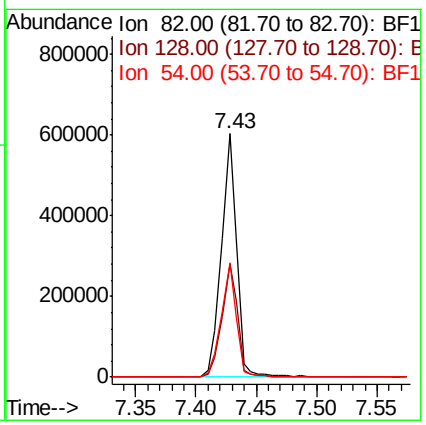


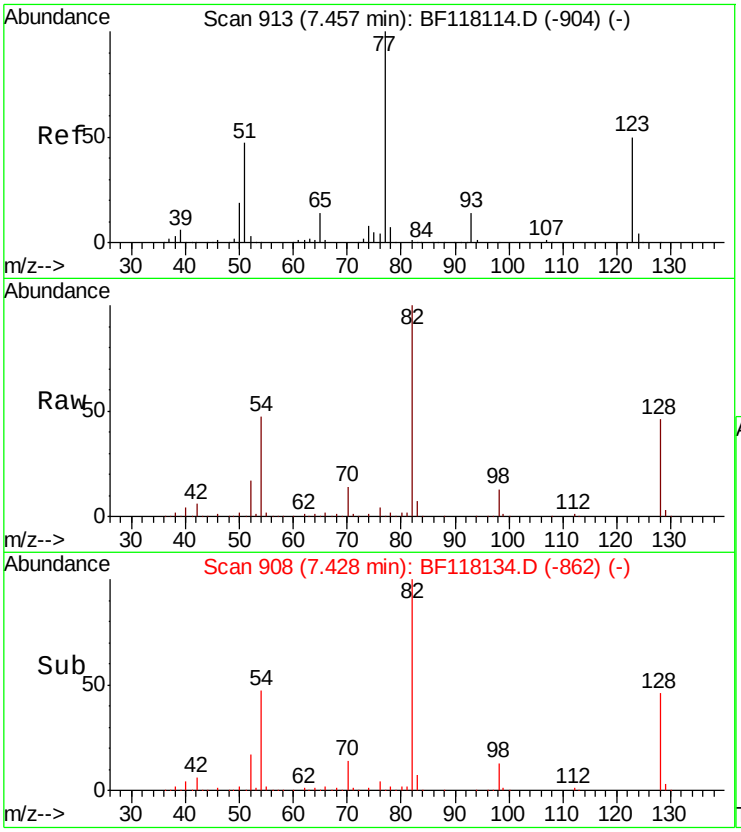


#23
Nitrobenzene-d5
Concen: 59.884 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 82 Resp: 529855

Ion	Ratio	Lower	Upper
82	100		
128	46.3	39.1	58.7
54	46.9	38.2	57.2



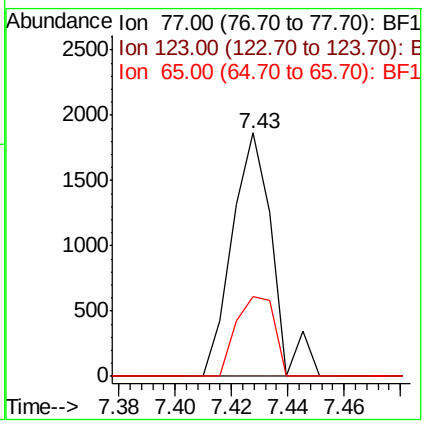


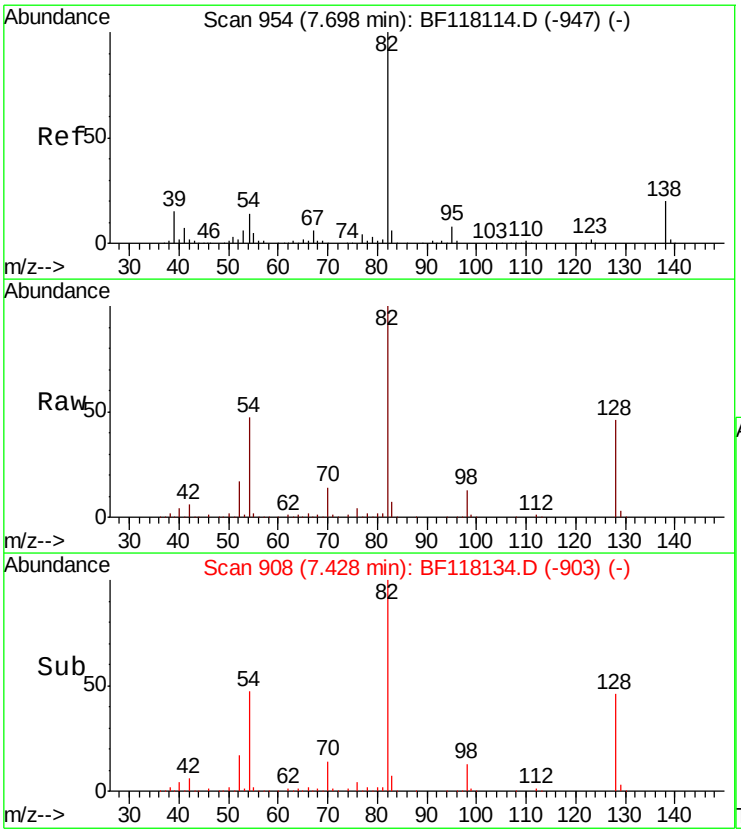
#24
Nitrobenzene
Concen: 0.212 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1841

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	32.9	10.9	16.3#

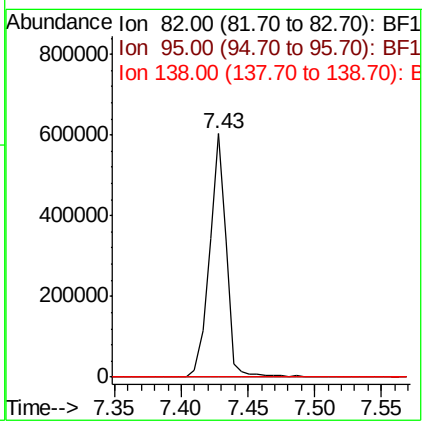


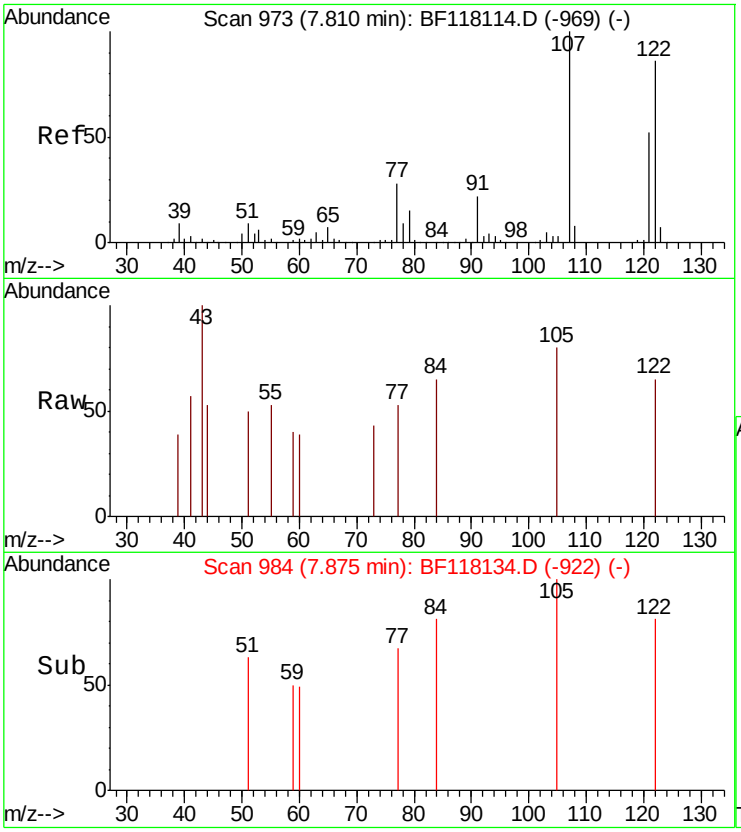


#25
Isophorone
Concen: 34.906 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 82 Resp: 523565

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



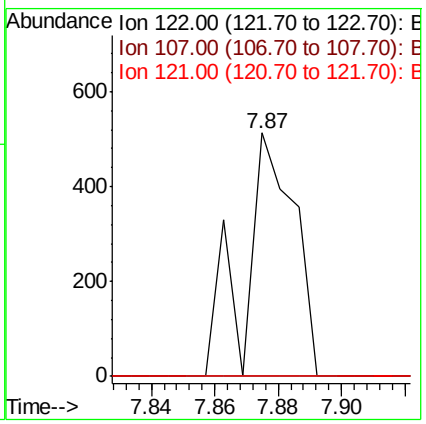


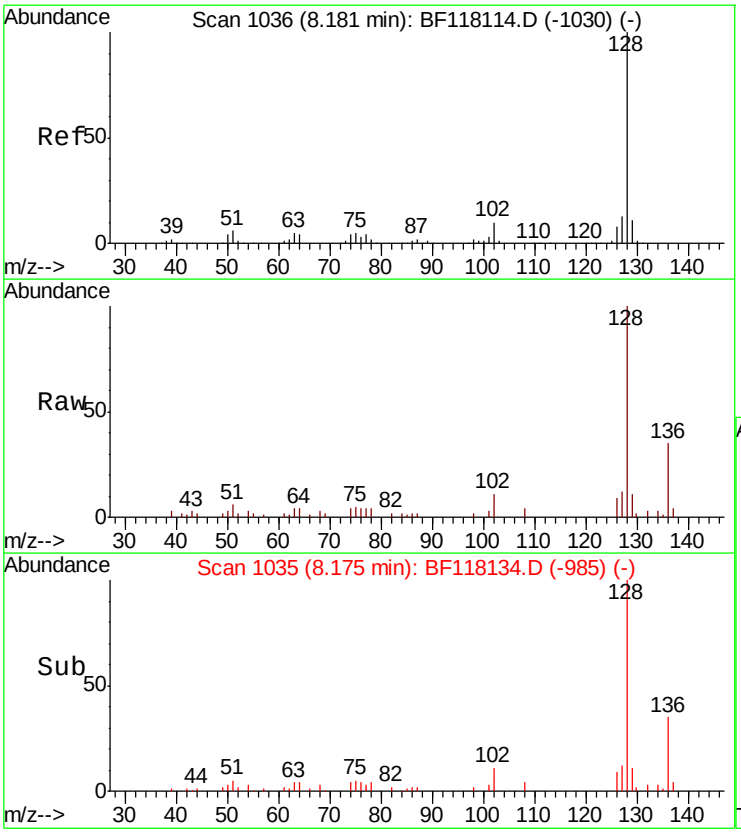
#27
2,4-Dimethylphenol
Concen: 0.091 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.06 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 563

Ion	Ratio	Lower	Upper
122	100		
107	0.0	92.9	139.3#
121	0.0	48.3	72.5#

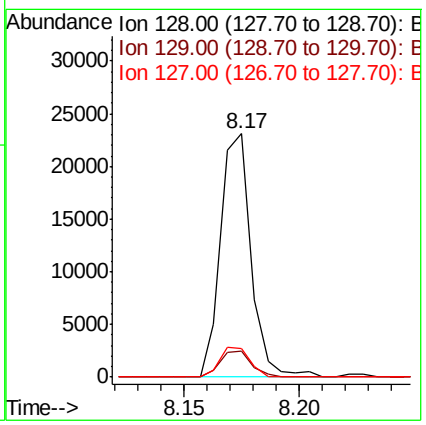


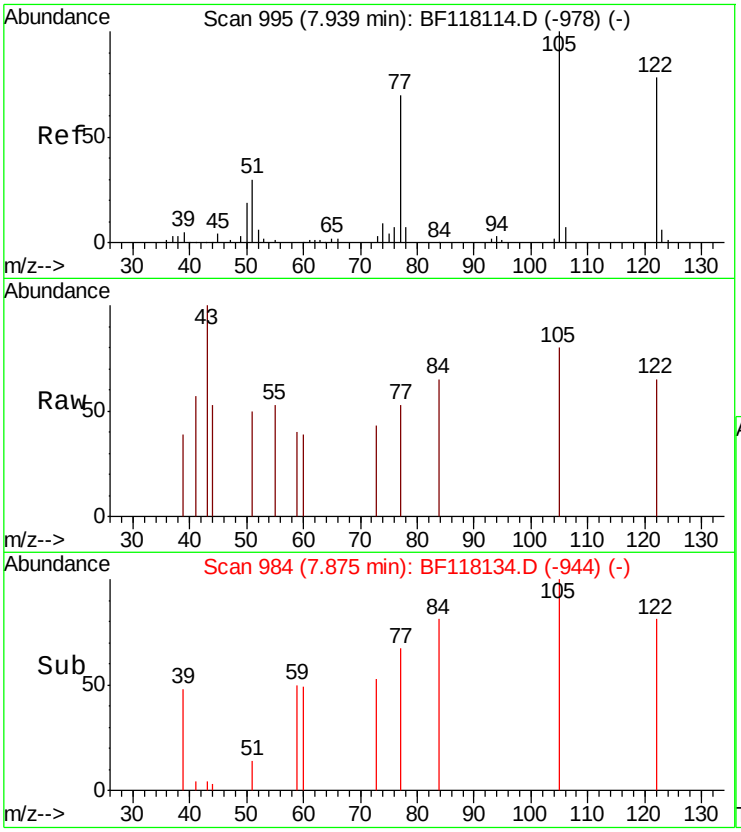


#31
Naphthalene
Concen: 0.847 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:128 Resp: 21182

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	11.9	10.6	16.0



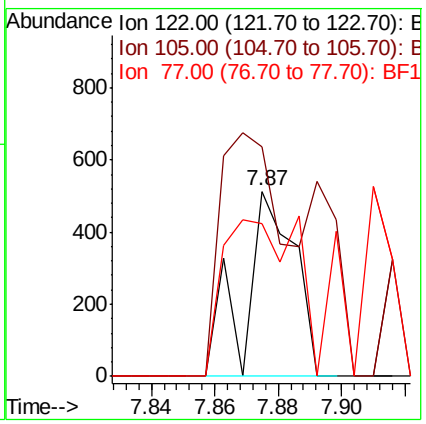


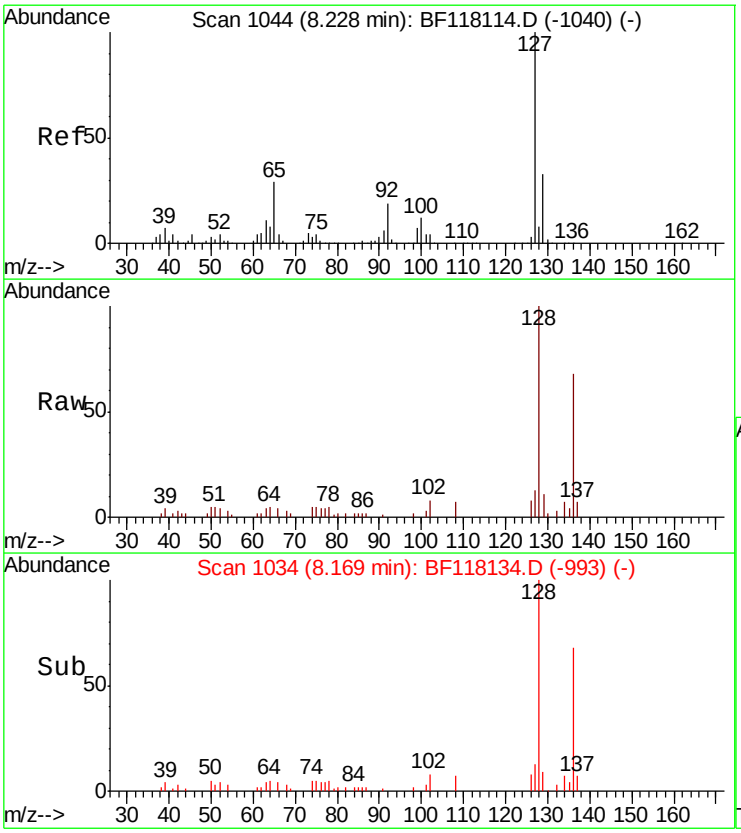
#32
Benzoic acid
Concen: 0.101 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 563

Ion	Ratio	Lower	Upper
122	100		
105	123.8	104.7	144.7
77	82.5	69.1	109.1

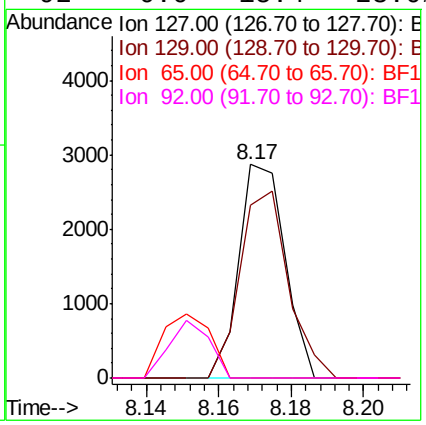


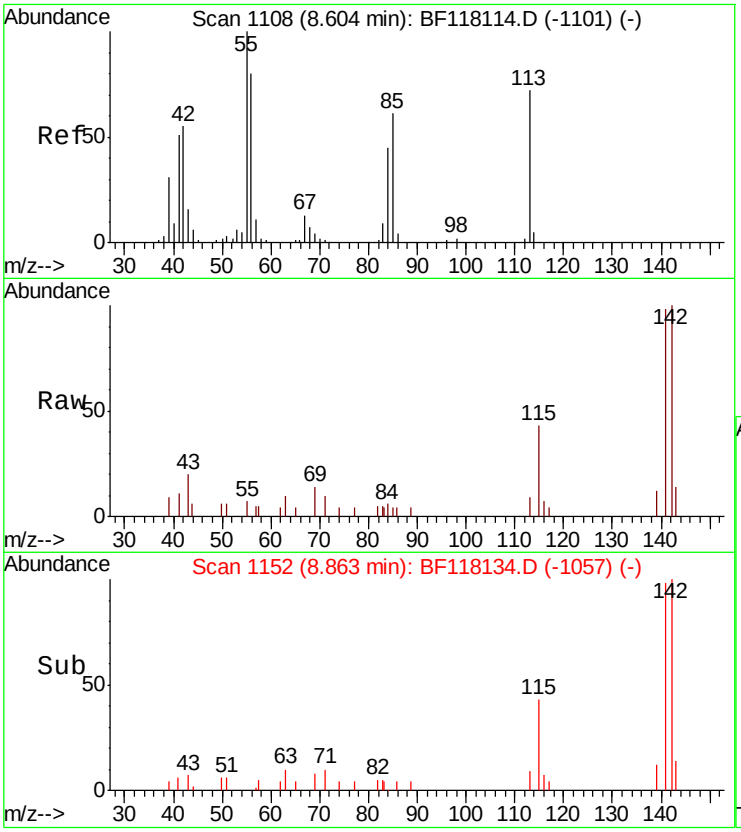


#33
4-Chloroaniline
Concen: 0.237 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:127 Resp: 2553

Ion	Ratio	Lower	Upper
127	100		
129	81.0	26.6	40.0#
65	0.0	23.2	34.8#
92	0.0	15.4	23.0#



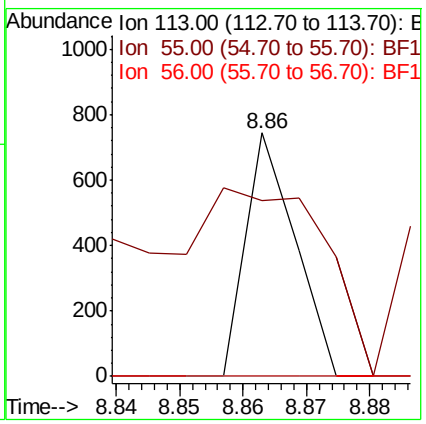


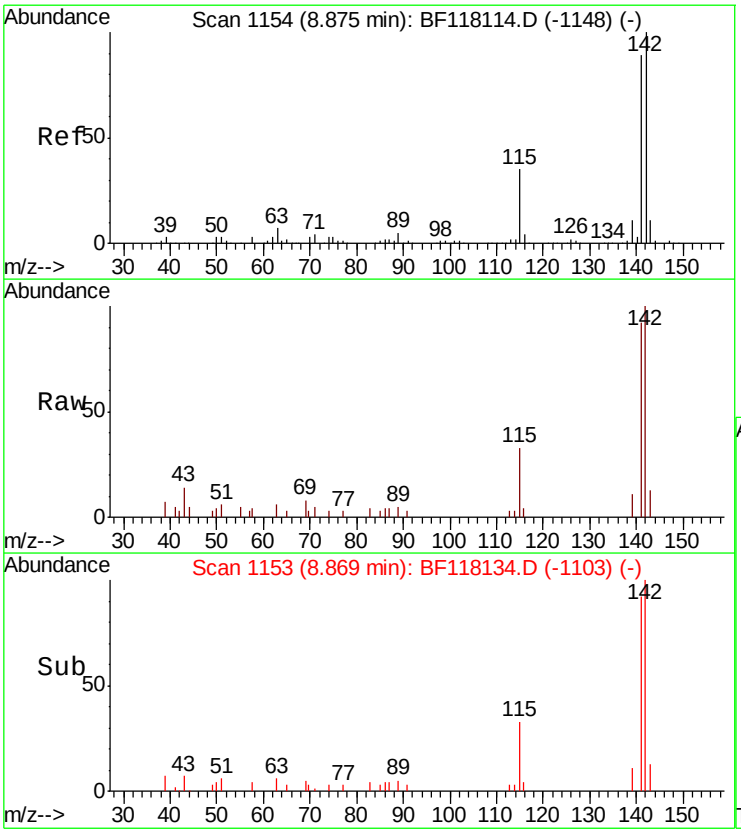
#35
Caprolactam
Concen: 0.179 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.26 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 399

Ion	Ratio	Lower	Upper
113	100		
55	72.3	118.9	158.9#
56	0.0	91.4	131.4#

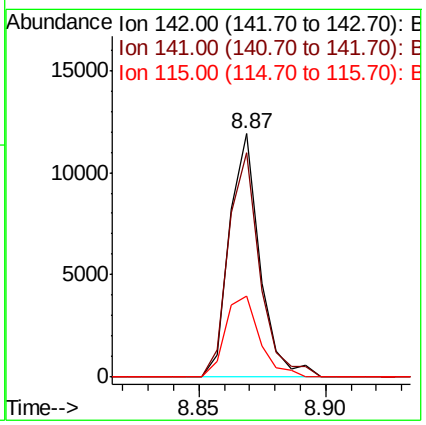


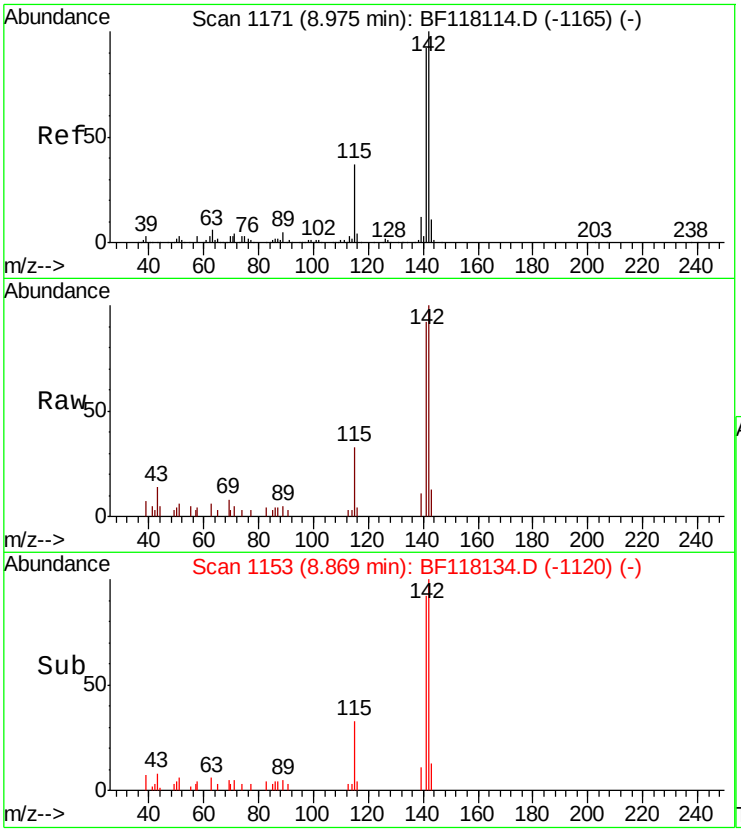


#37
2-Methylnaphthalene
Concen: 0.585 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:142 Resp: 9908

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.4	107.0
115	33.5	28.2	42.4



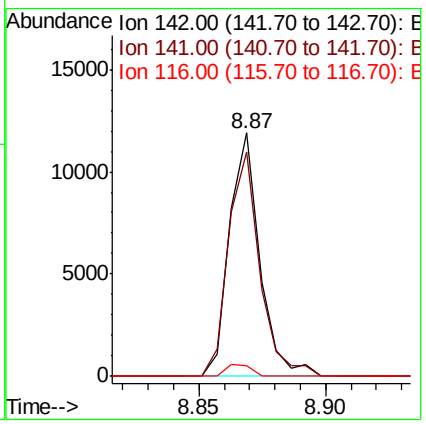


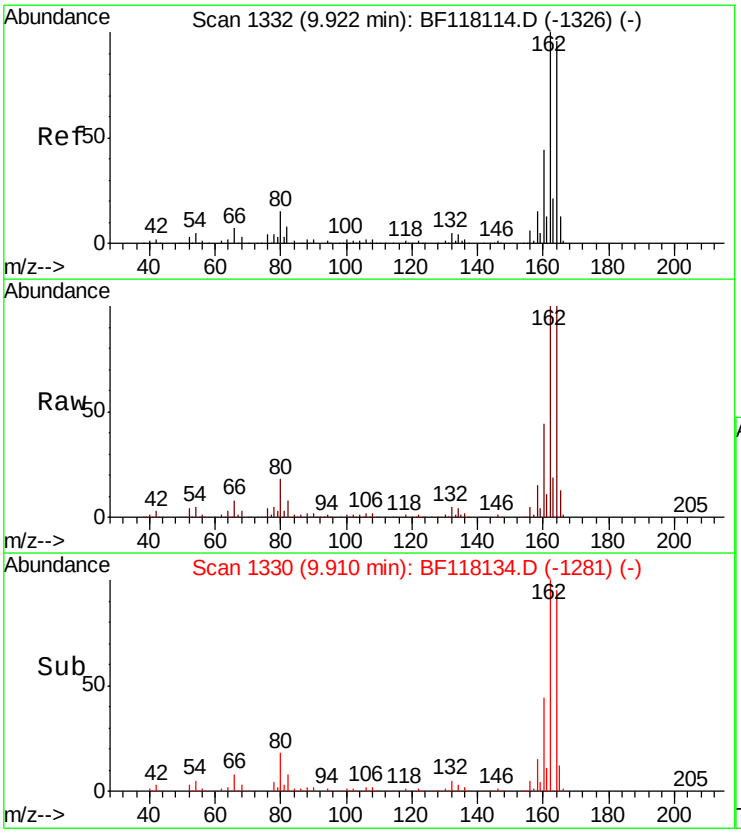
#38
1-Methylnaphthalene
Concen: 0.623 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.11 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 9908

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.0	111.0
116	4.2	3.2	4.8

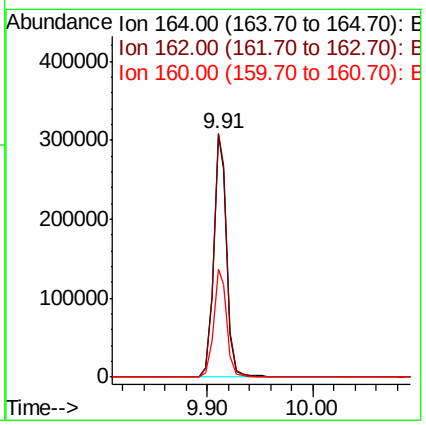


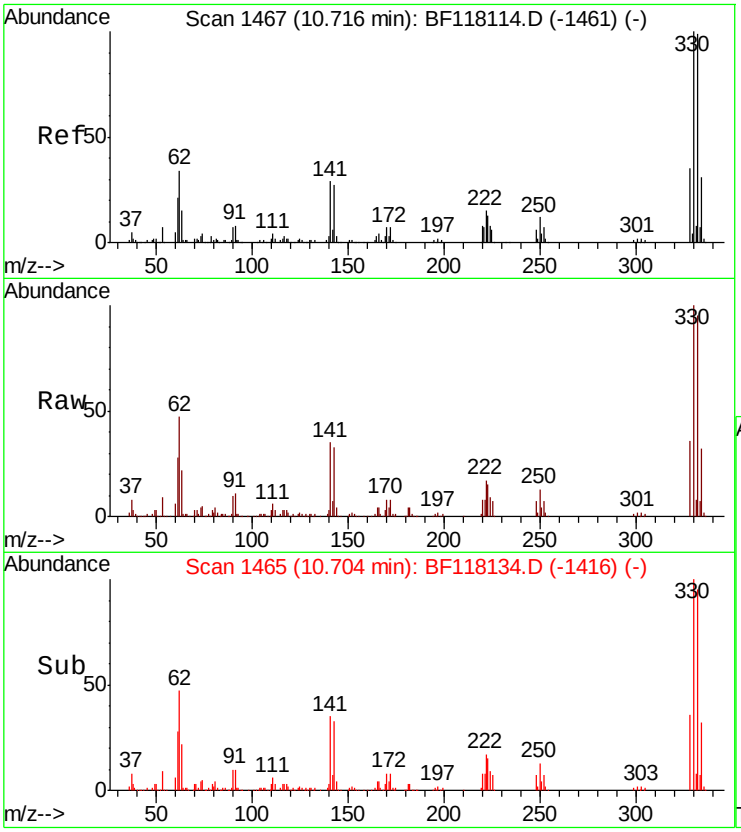


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:164 Resp: 269145

Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.4	125.0
160	44.4	36.6	54.8



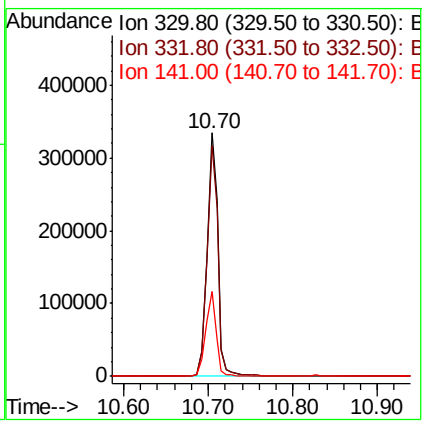


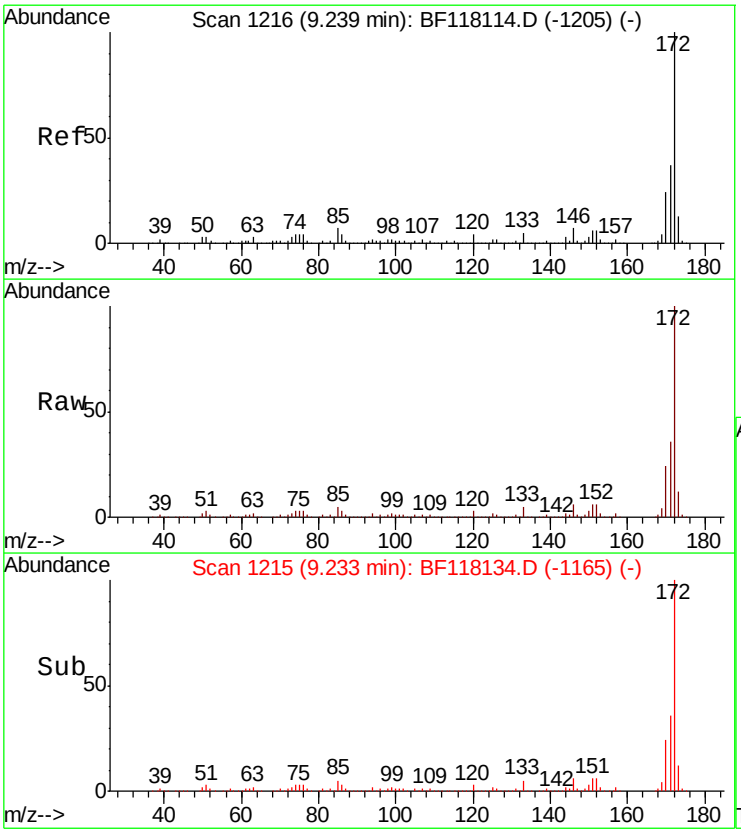
#42
2,4,6-Tribromophenol
Concen: 91.544 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 299315

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	33.5	26.9	40.3

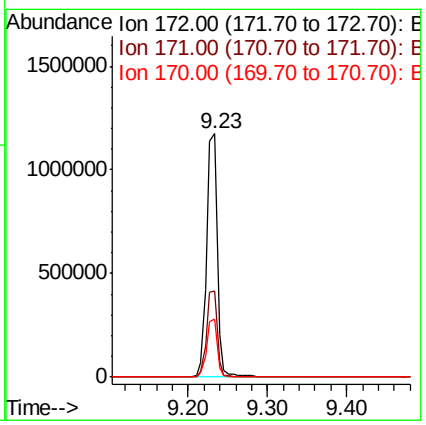


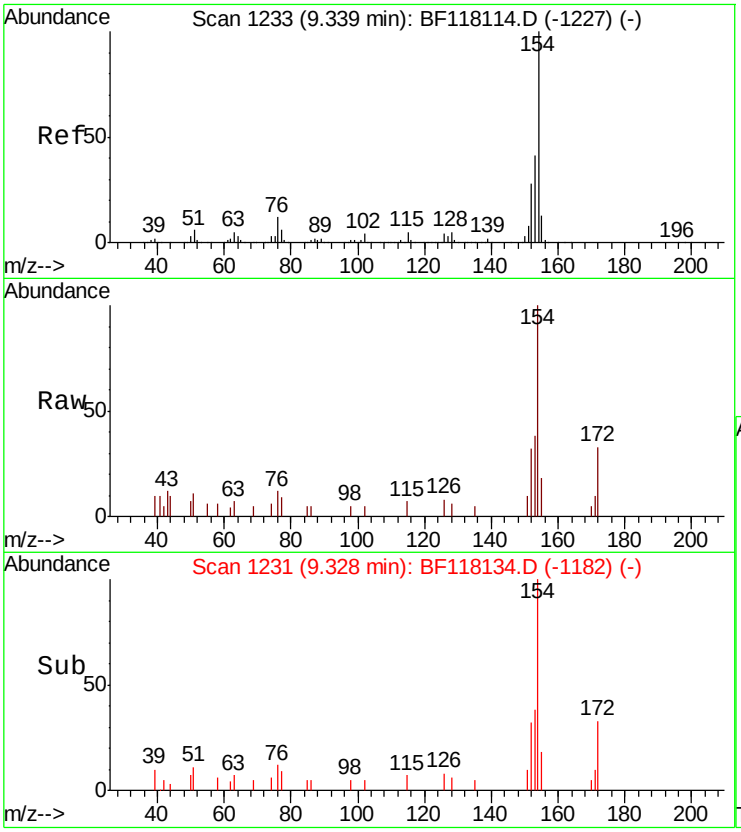


#45
2-Fluorobiphenyl
Concen: 62.660 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:172 Resp: 1108308

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	23.8	19.4	29.2



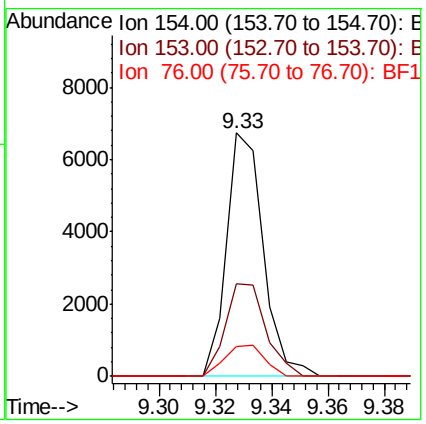


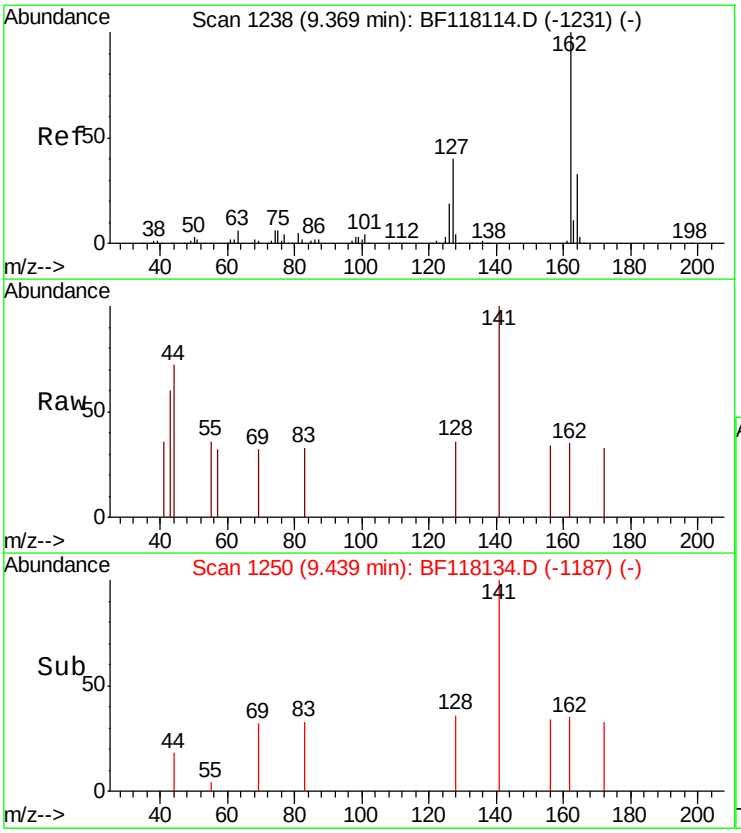
#46
1,1'-Biphenyl
Concen: 0.286 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 6080

Ion	Ratio	Lower	Upper
154	100		
153	38.2	20.7	60.7
76	12.4	0.0	31.9

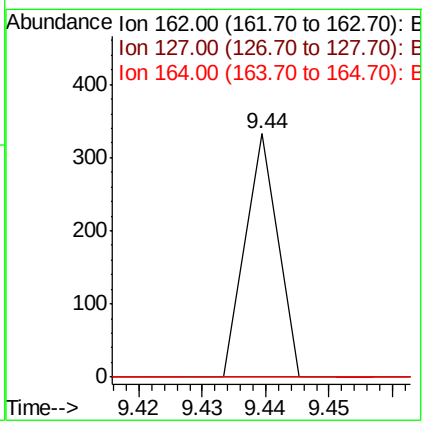


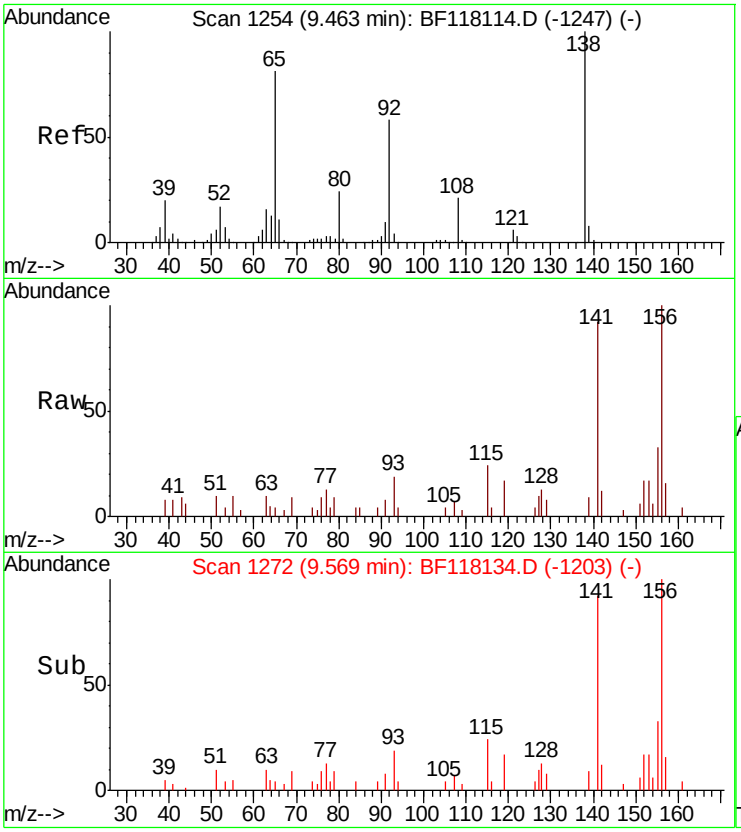


#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.07 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:162 Resp: 118

Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.0	48.0#
164	0.0	26.1	39.1#



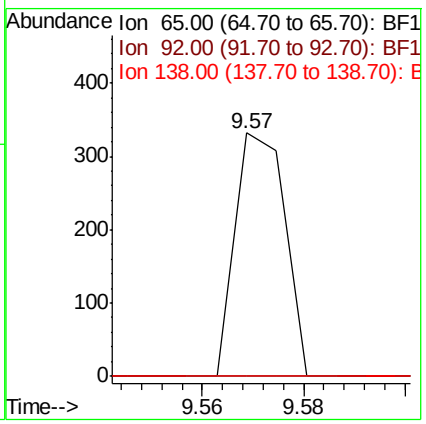


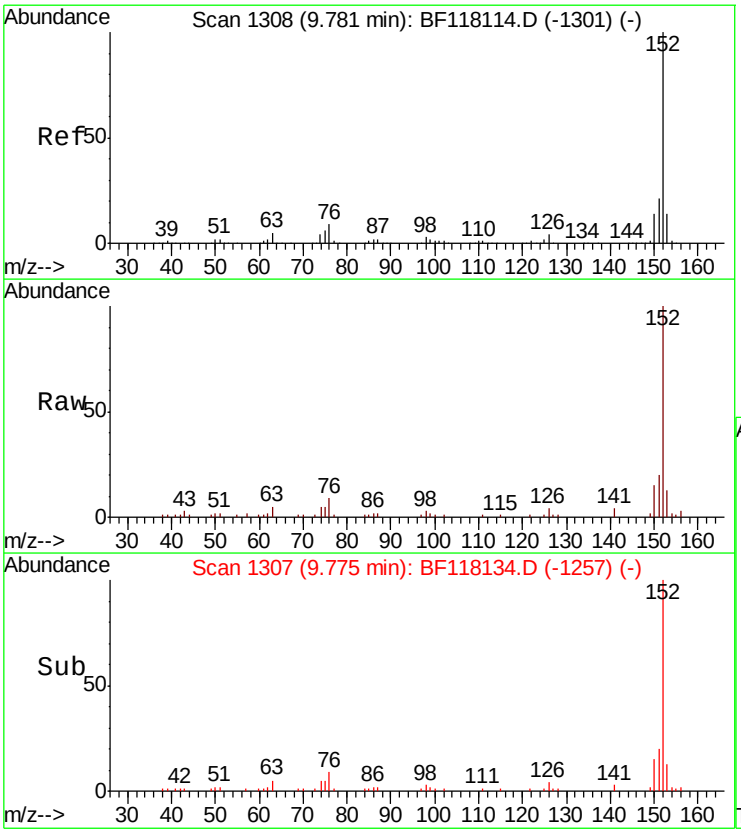
#48
2-Nitroaniline
Concen: 0.046 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.11 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 226

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.8	86.6#
138	0.0	98.8	148.2#

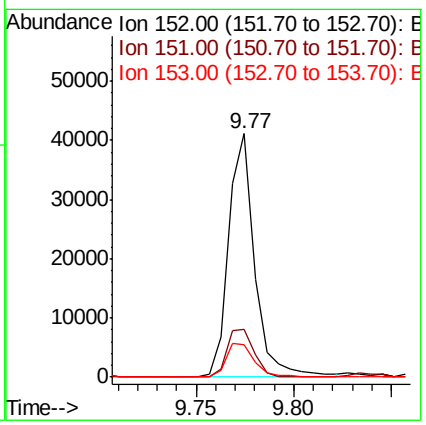


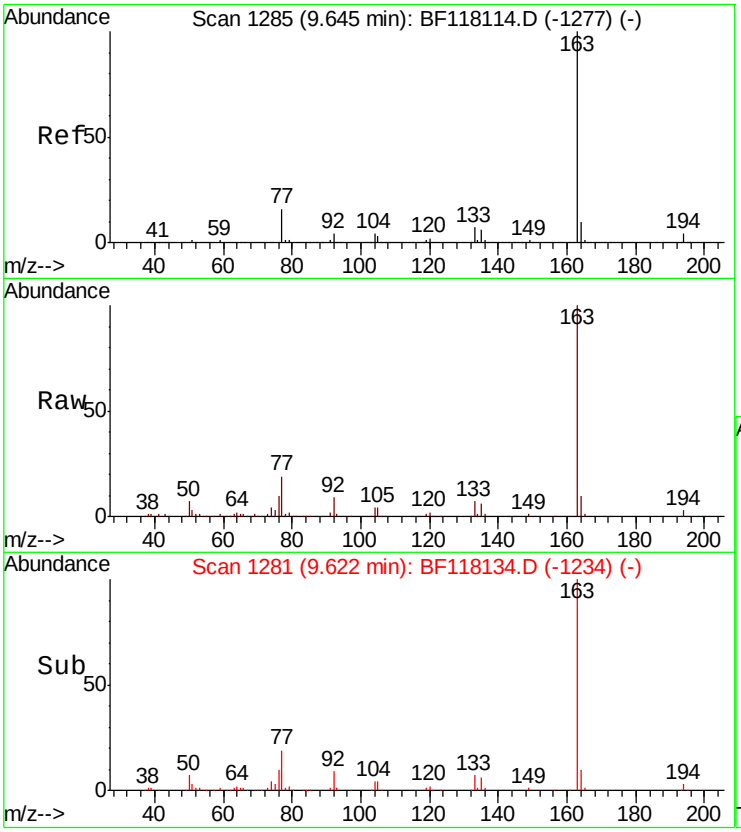


#49
Acenaphthylene
Concen: 1.518 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:152 Resp: 38220

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	13.1	10.8	16.2



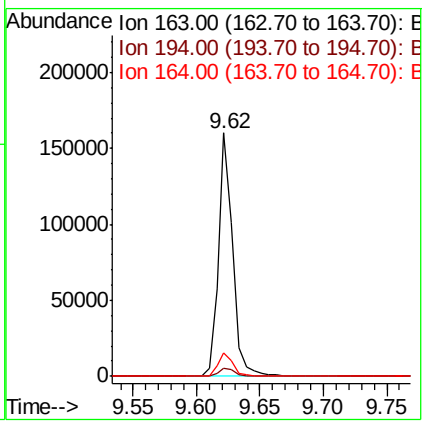


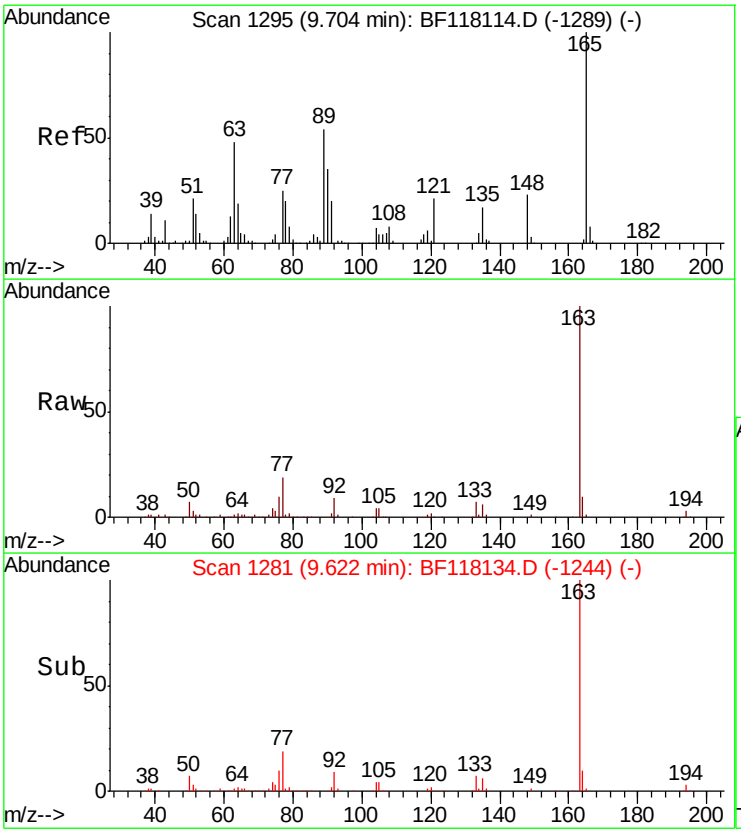
#50
Dimethylphthalate
Concen: 6.407 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 127375

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	9.6	7.7	11.5

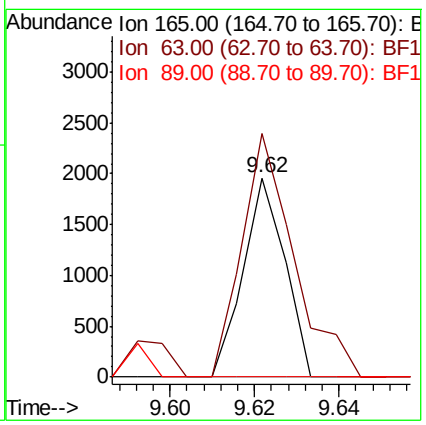


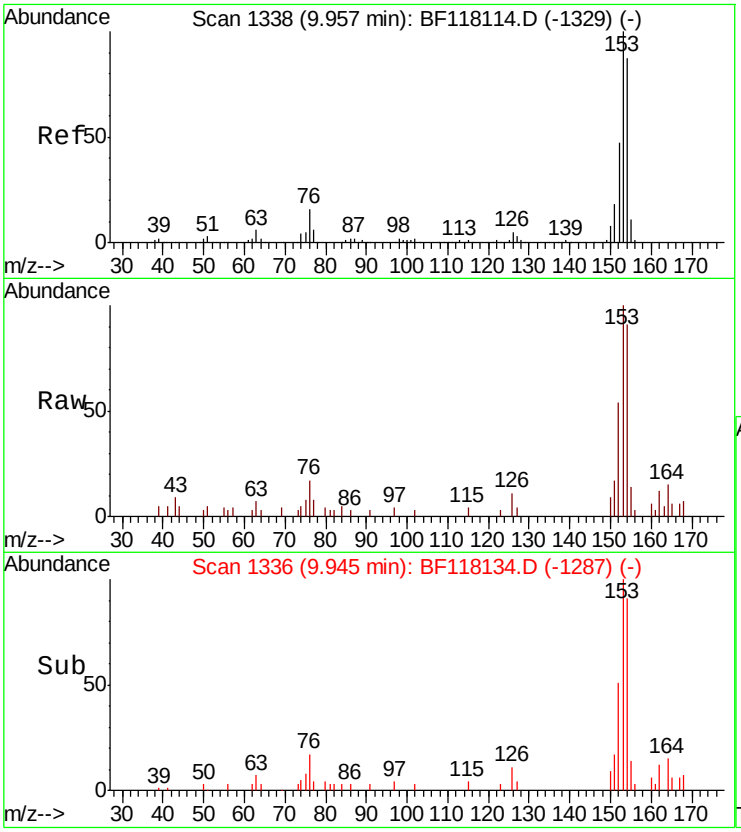


#51
2,6-Dinitrotoluene
Concen: 0.310 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.08 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:165 Resp: 1342

Ion	Ratio	Lower	Upper
165	100		
63	122.4	41.4	62.0#
89	0.0	42.9	64.3#



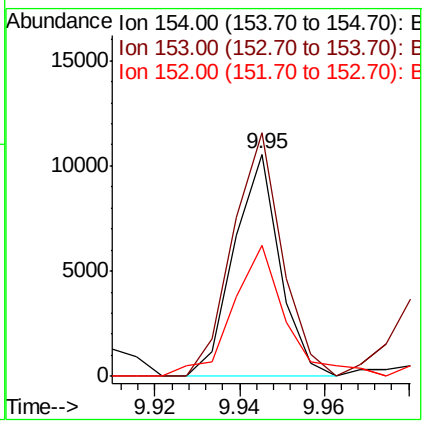


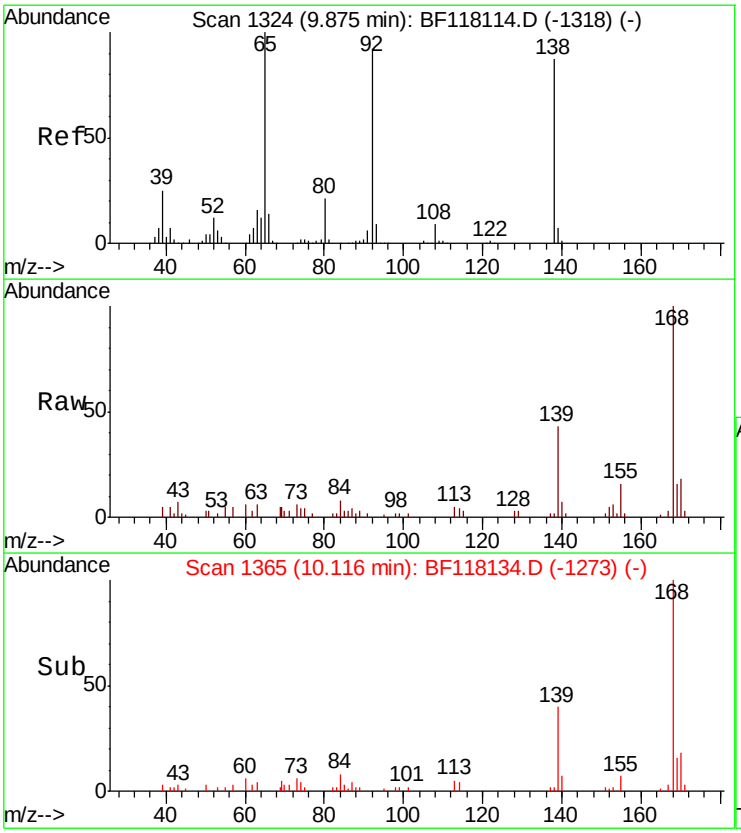
#52
Acenaphthene
Concen: 0.518 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 7962

Ion	Ratio	Lower	Upper
154	100		
153	109.6	91.8	137.6
152	59.2	43.3	64.9

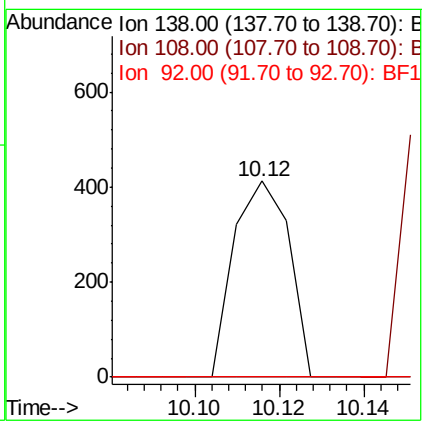


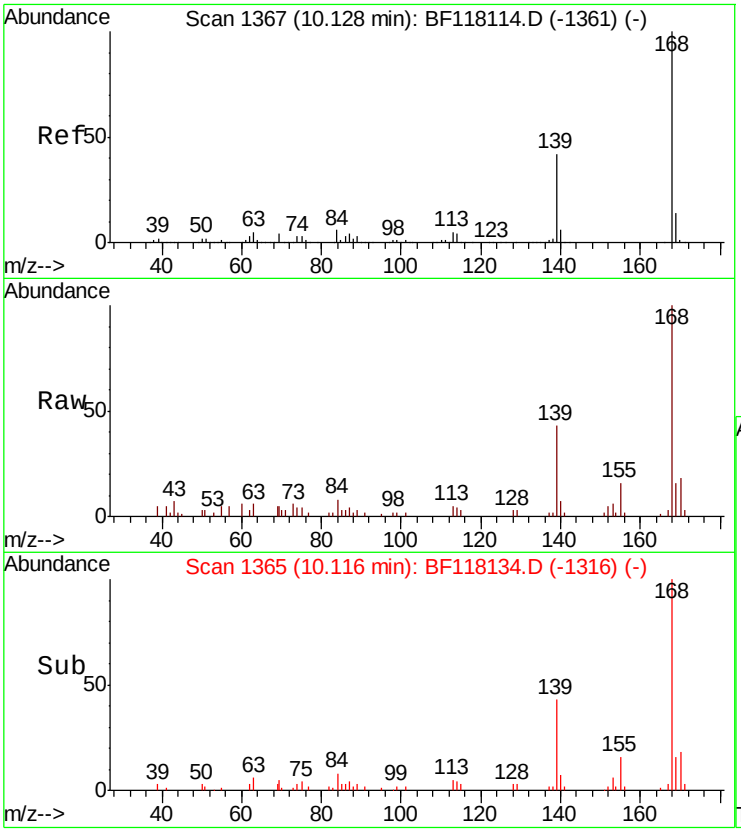


#53
3-Nitroaniline
Concen: 0.074 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.24 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:138 Resp: 375

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.2	12.4#
92	0.0	84.9	127.3#



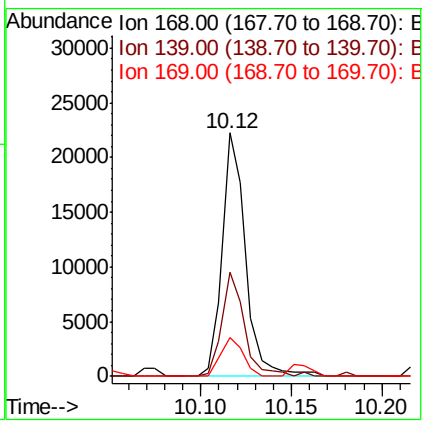


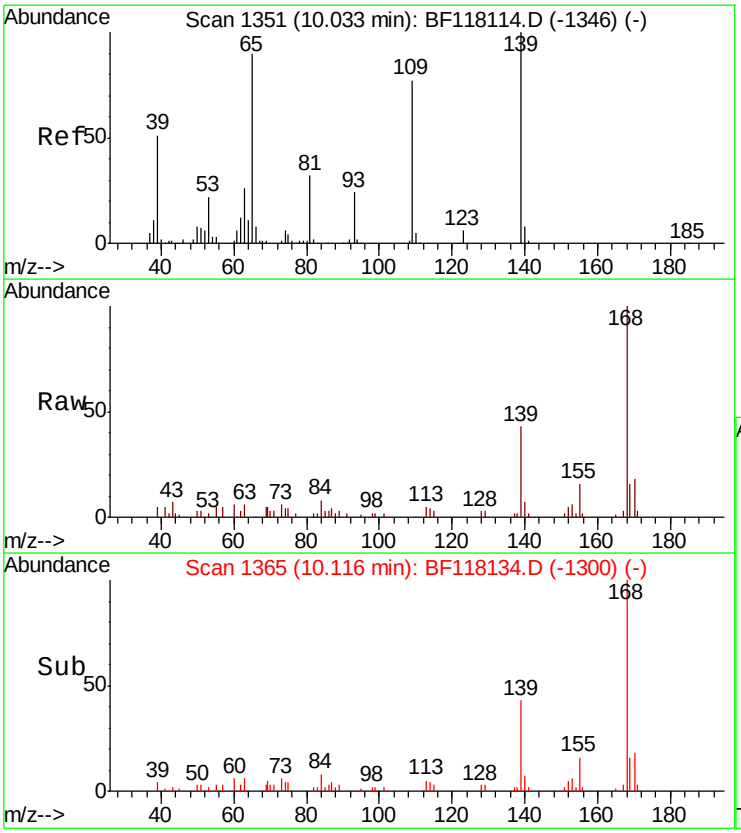
#55
Dibenzofuran
Concen: 0.890 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 20037

Ion	Ratio	Lower	Upper
168	100		
139	43.0	33.4	50.0
169	16.0	11.0	16.6

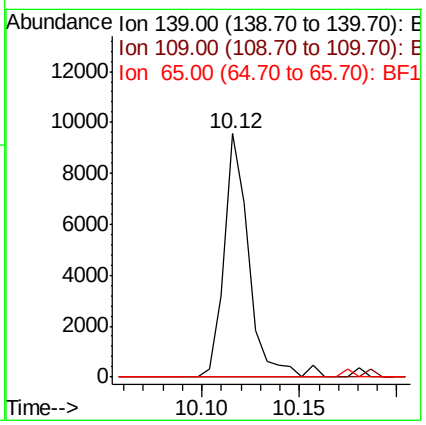


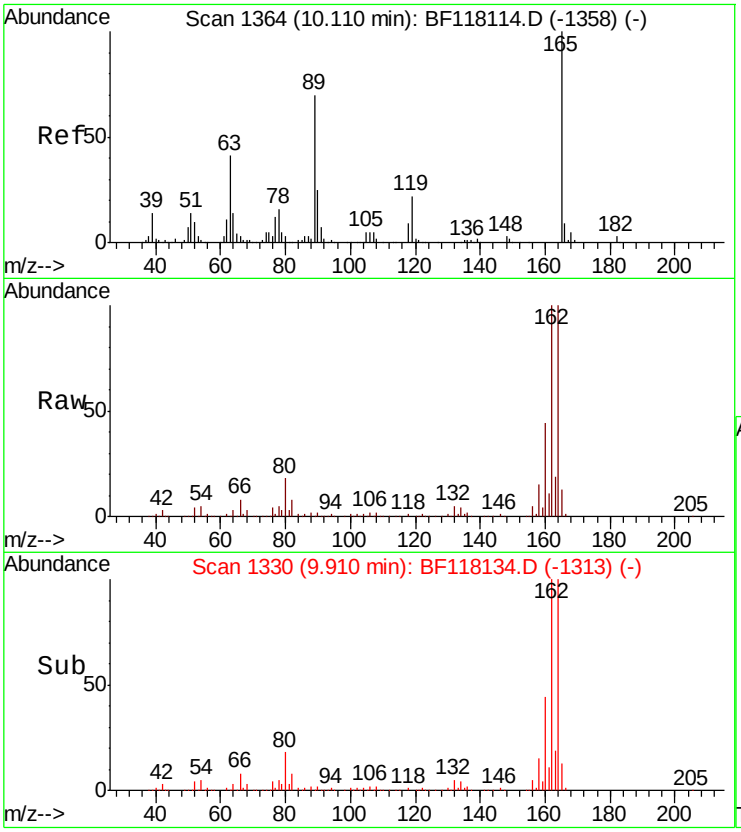


#56
4-Nitrophenol
Concen: 2.371 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:139 Resp: 8370

Ion	Ratio	Lower	Upper
139	100		
109	0.0	57.3	97.3#
65	0.0	70.2	110.2#



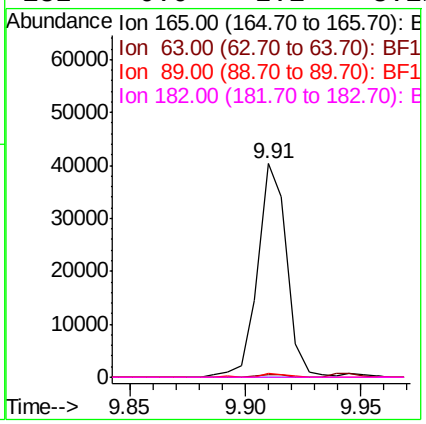


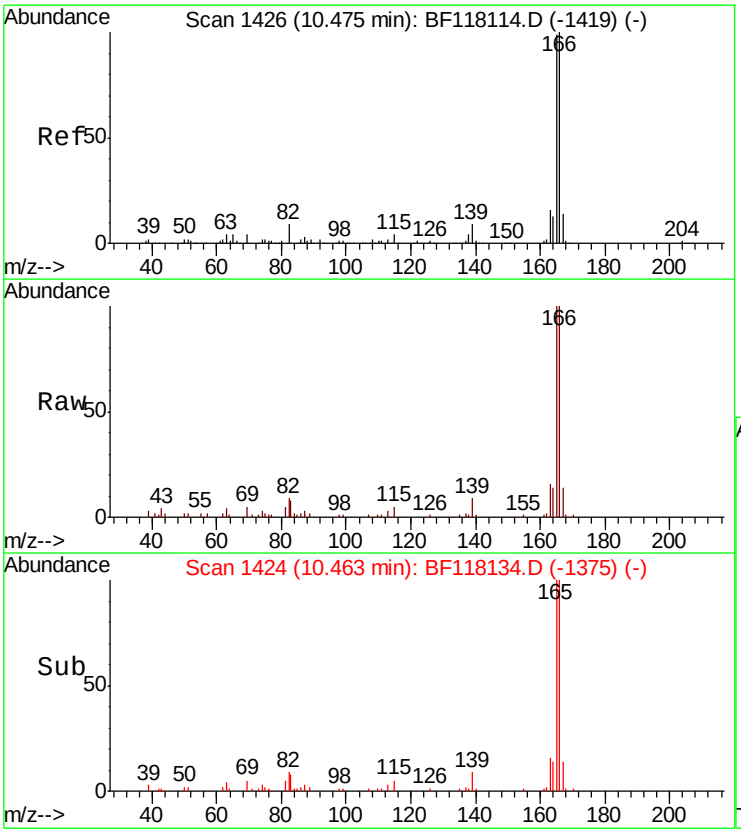
#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35486

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.6	56.1	84.1#
182	0.0	2.1	3.1#

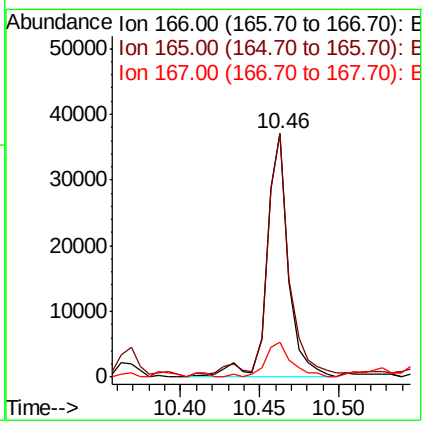


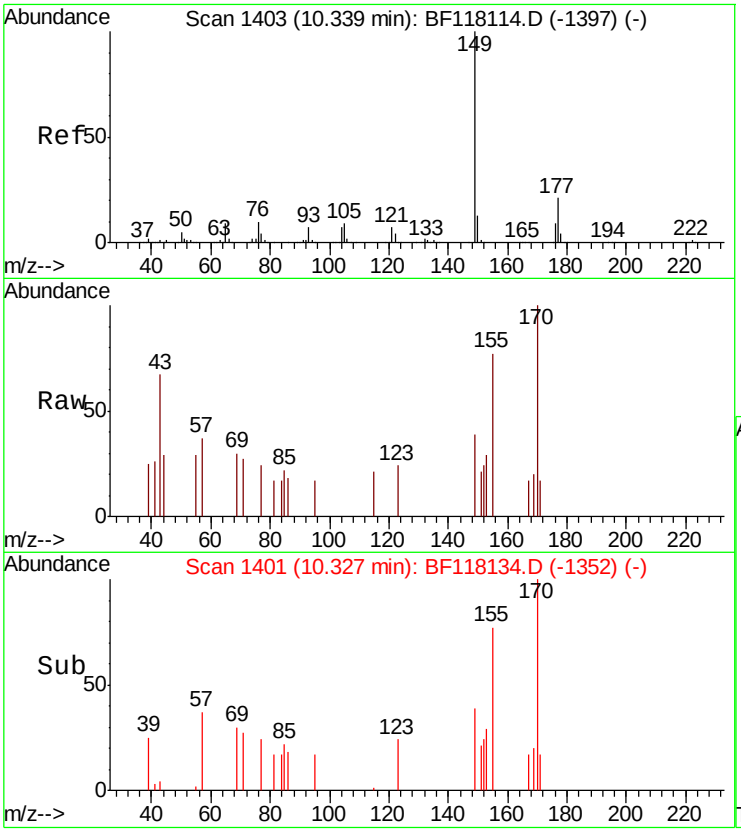


#58
Fluorene
Concen: 1.984 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:166 Resp: 35513

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.0	118.4
167	14.2	10.9	16.3



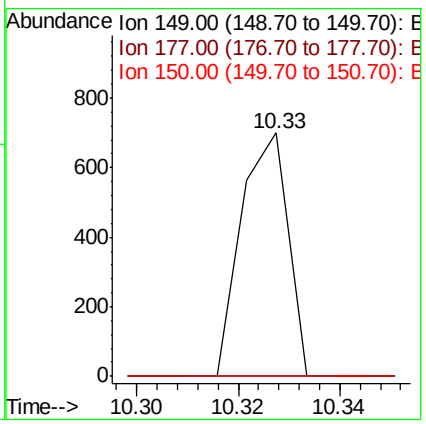


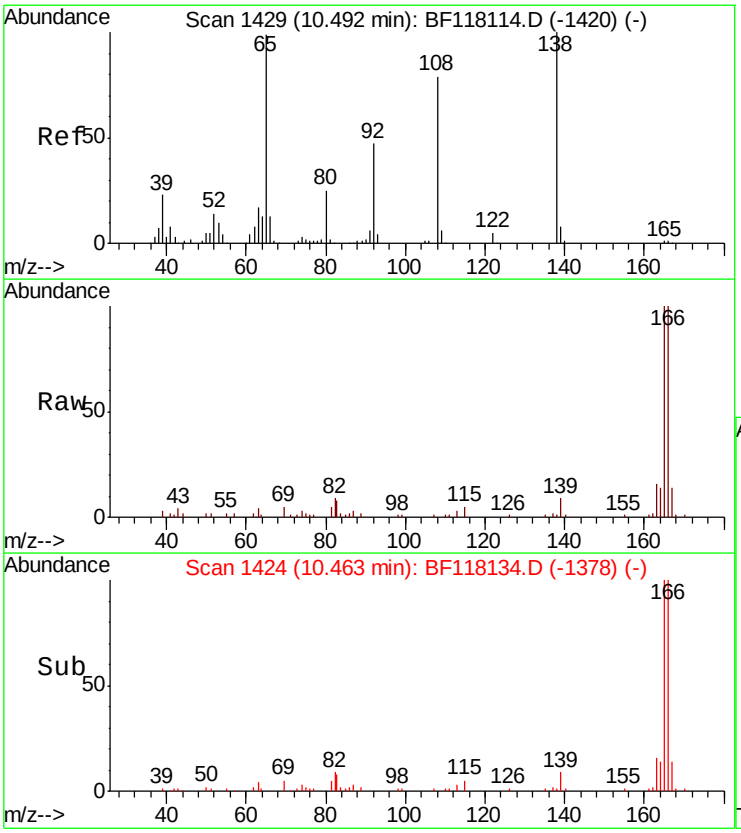
#60
Diethylphthalate
Concen: 0.023 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 446

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.4#
150	0.0	10.1	15.1#

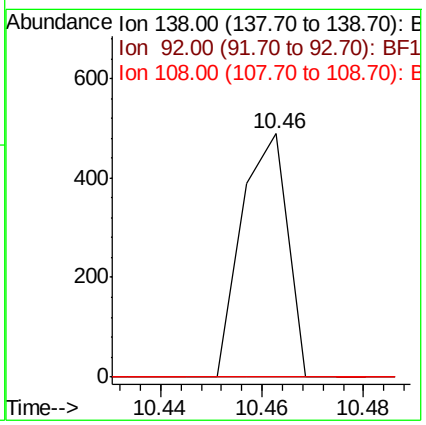


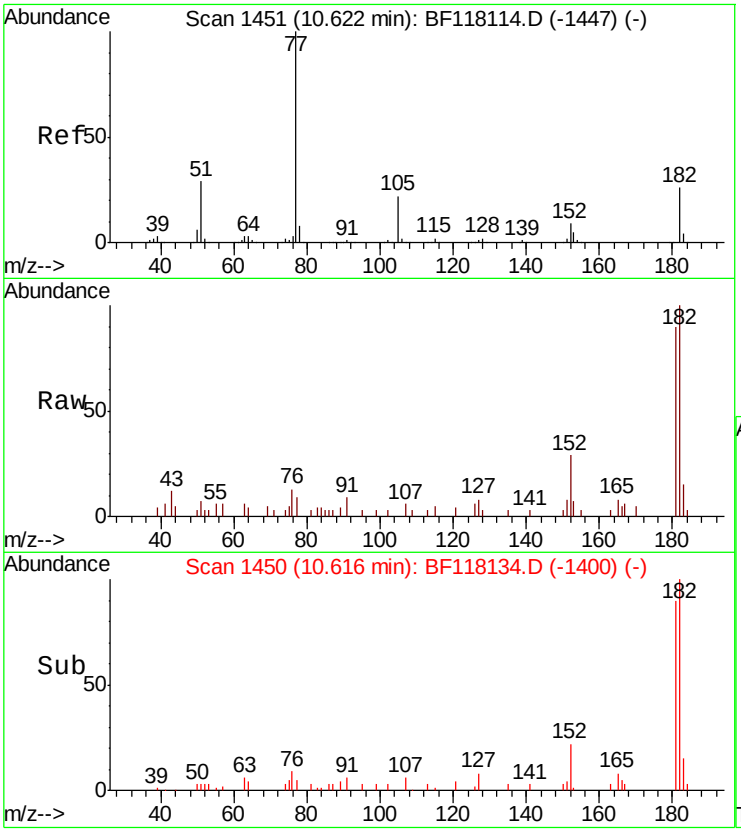


#62
4-Nitroaniline
Concen: 0.058 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:138 Resp: 309

Ion	Ratio	Lower	Upper
138	100		
92	0.0	27.1	67.1#
108	0.0	59.0	99.0#



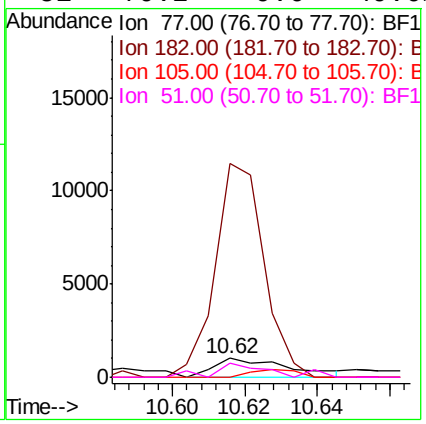


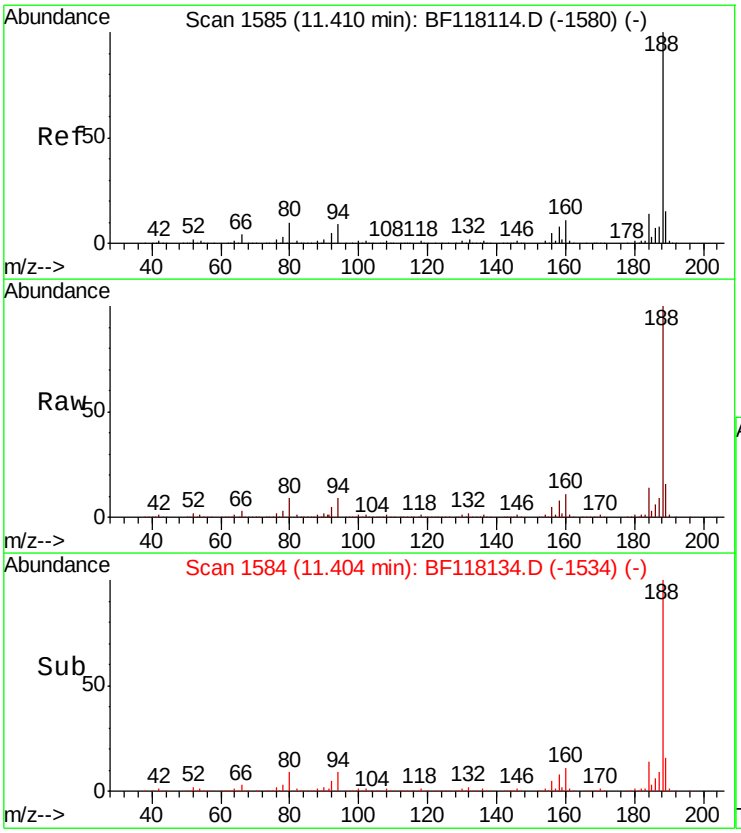
#63
Azobenzene
Concen: 0.087 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1453

Ion	Ratio	Lower	Upper
77	100		
182	1148.1	5.7	45.7#
105	0.0	2.2	42.2#
51	79.2	9.6	49.6#

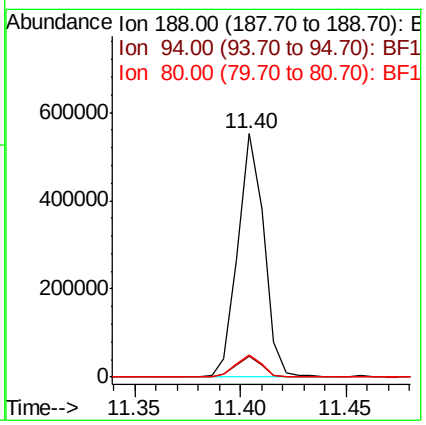


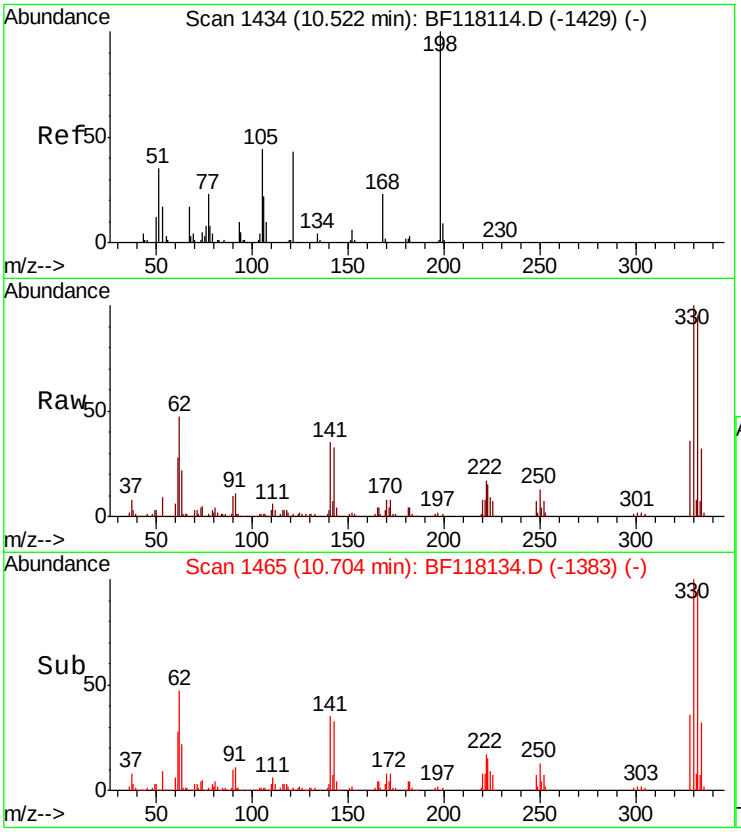


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:188 Resp: 472723

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.2	7.9	11.9



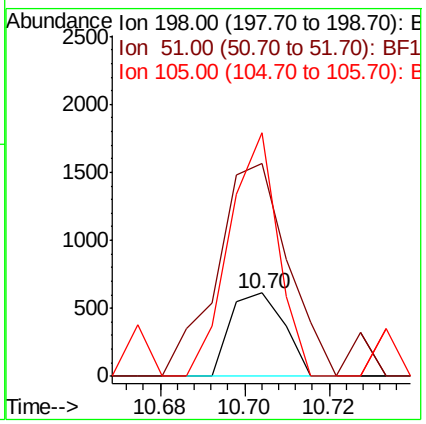


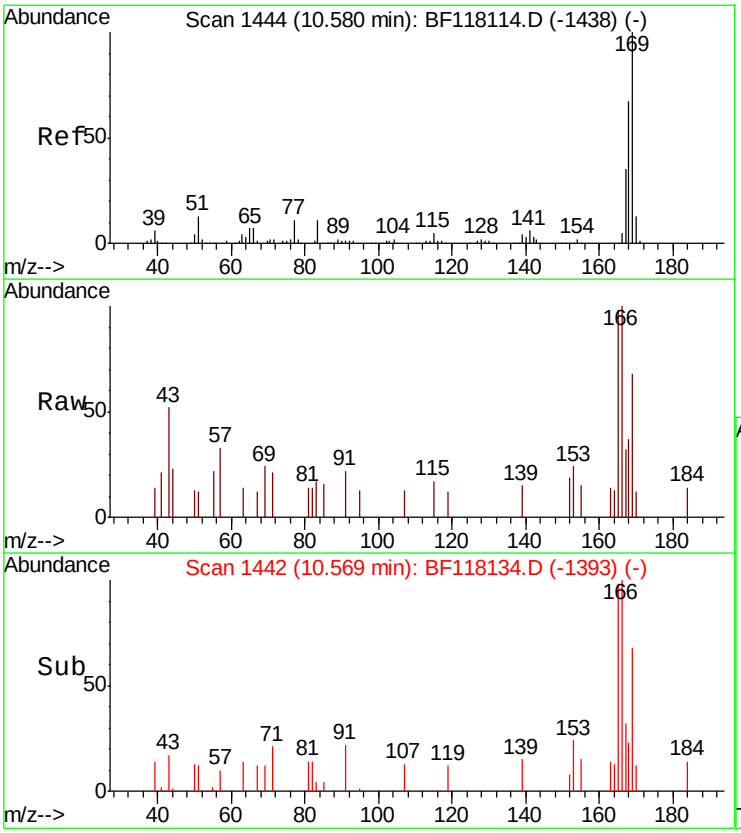
#65
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 542

Ion	Ratio	Lower	Upper
198	100		
51	256.4	22.0	62.0#
105	292.5	25.6	65.6#

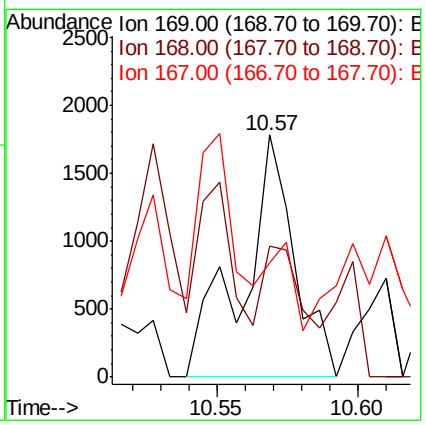


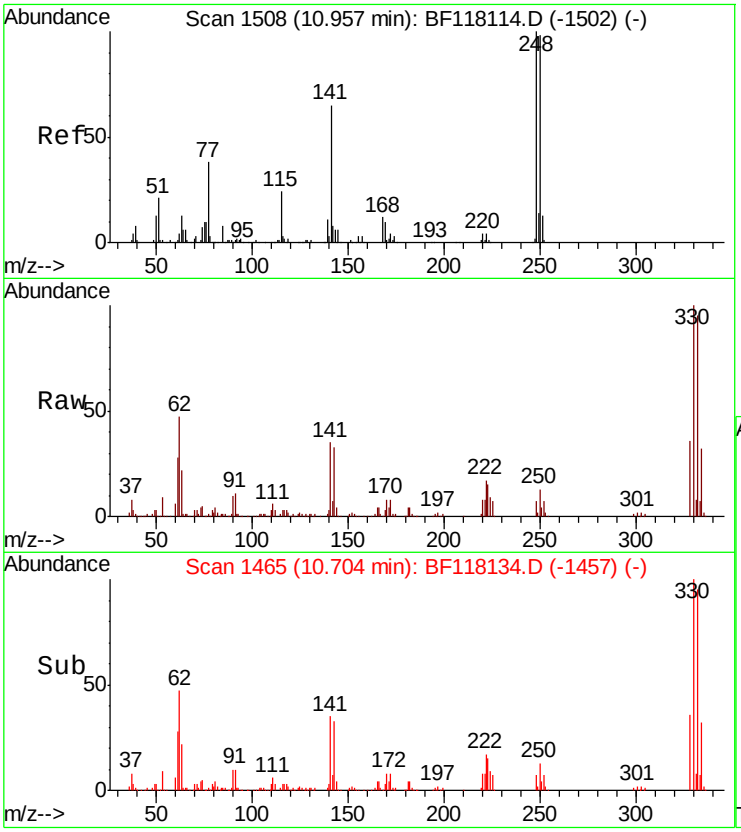


#66
n-Nitrosodiphenylamine
Concen: 0.153 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:169 Resp: 2252

Ion	Ratio	Lower	Upper
169	100		
168	54.2	53.4	80.2
167	47.4	28.4	42.6#



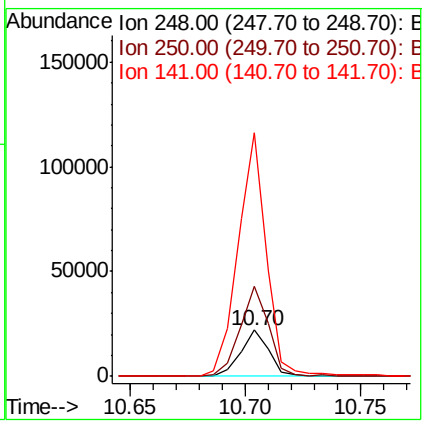


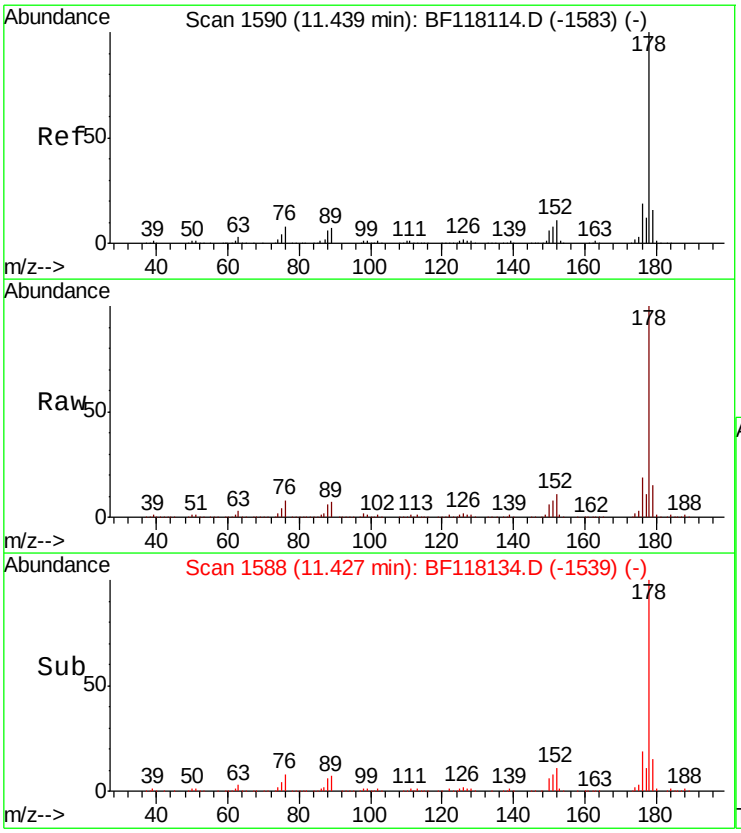
#67
4-Bromophenyl-phenylether
Concen: 3.516 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18973

Ion	Ratio	Lower	Upper
248	100		
250	194.7	78.3	117.5#
141	524.4	52.2	78.4#

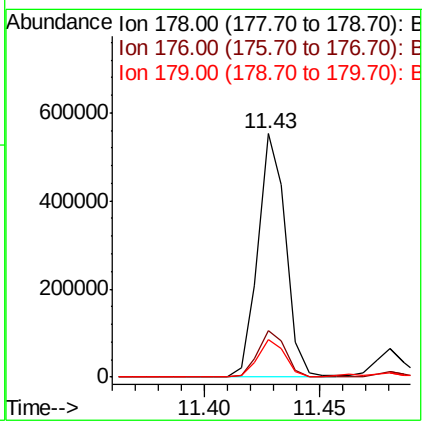


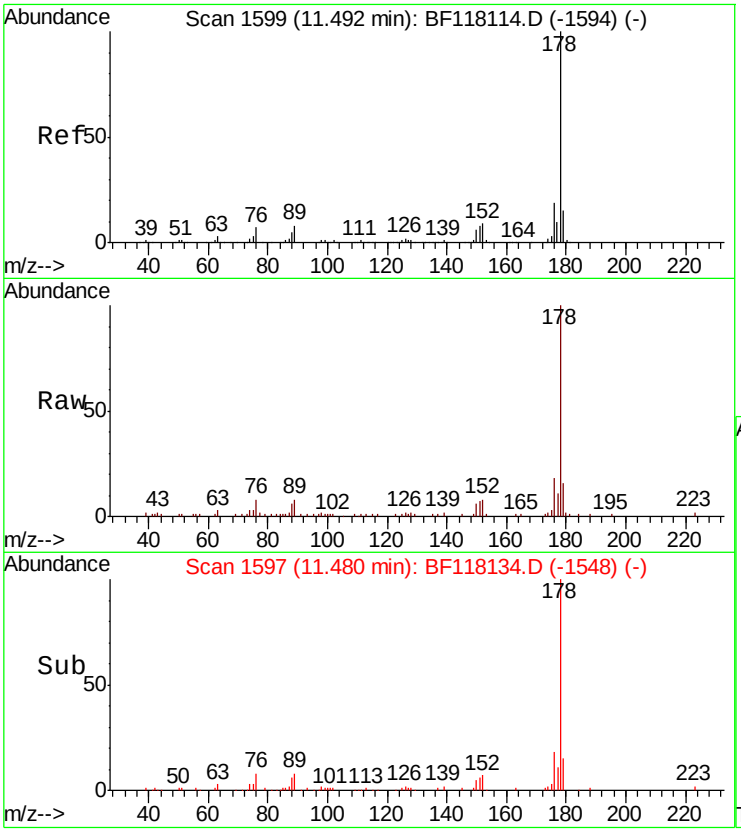


#71
Phenanthrene
Concen: 18.508 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:178 Resp: 465105

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.6	18.8



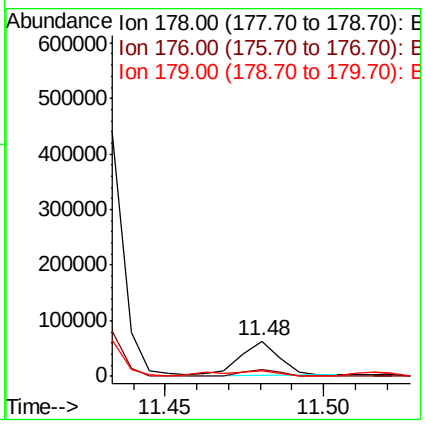


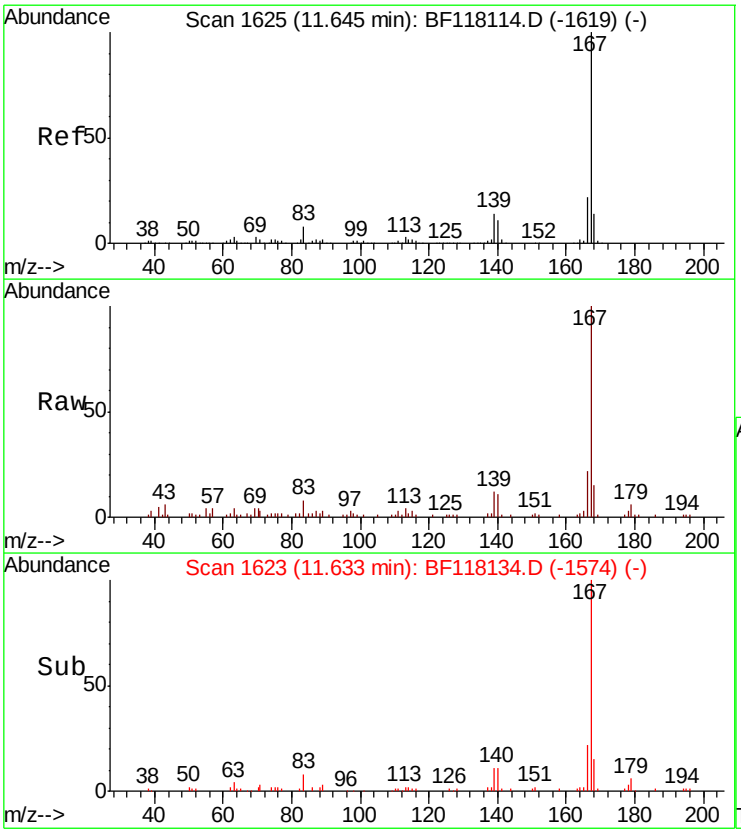
#72
Anthracene
Concen: 2.106 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52795

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	16.4	12.2	18.4

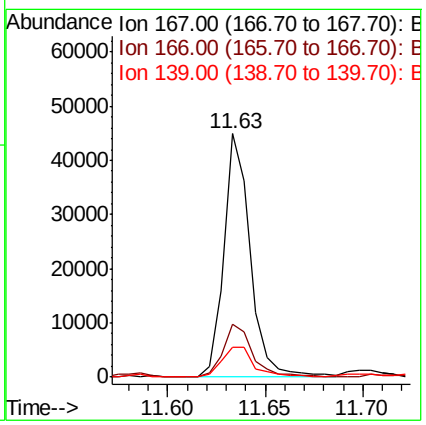


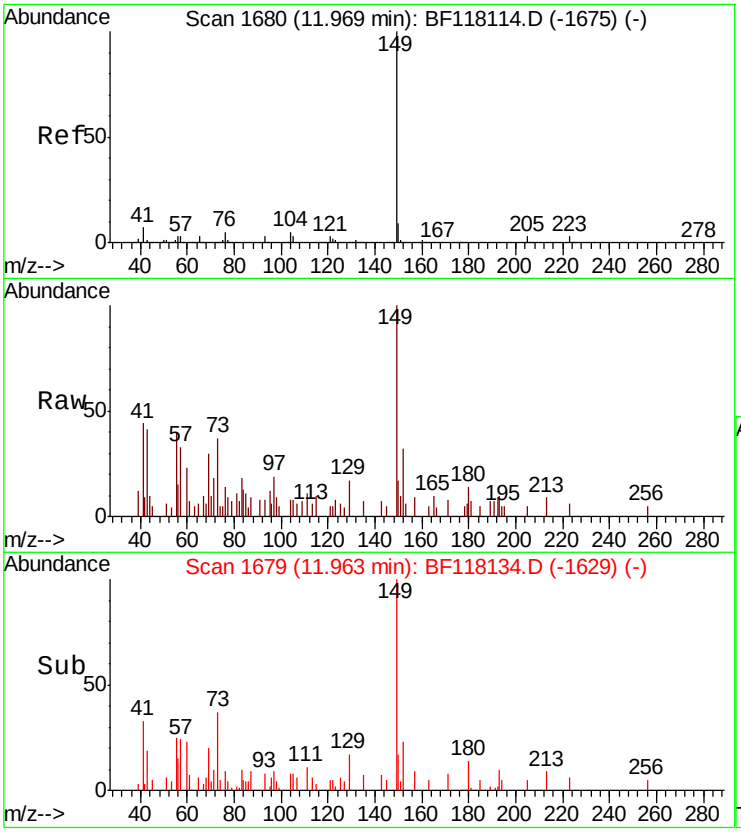


#73
Carbazole
Concen: 1.870 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:167 Resp: 42049

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.1	11.4	17.0



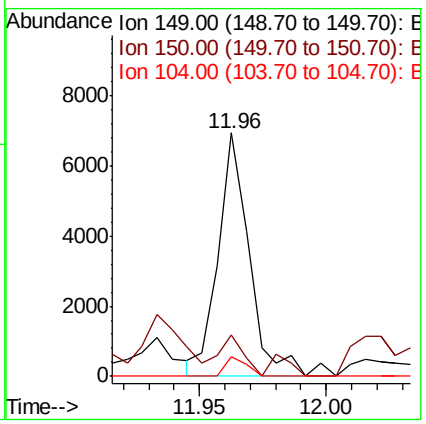


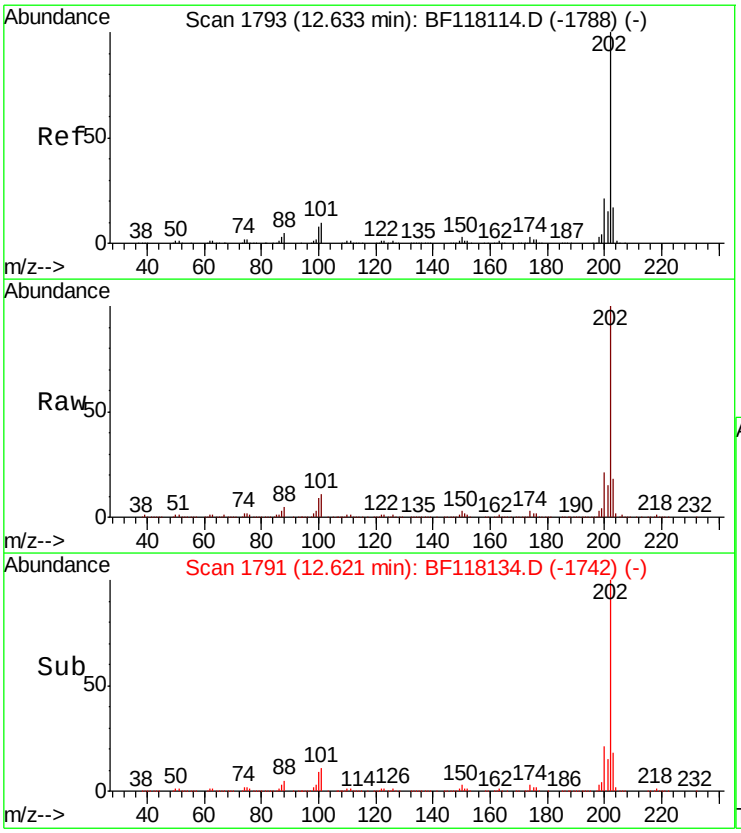
#74
Di-n-butylphthalate
Concen: 0.214 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 6018

Ion	Ratio	Lower	Upper
149	100		
150	16.9	7.4	11.2#
104	8.0	4.3	6.5#

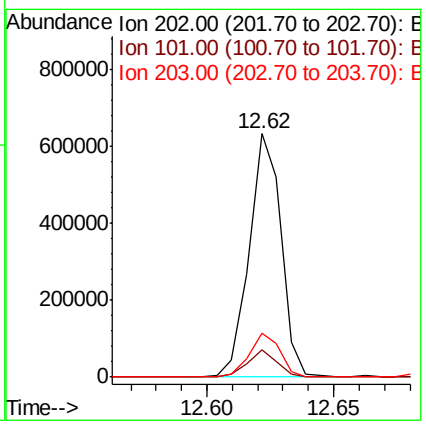


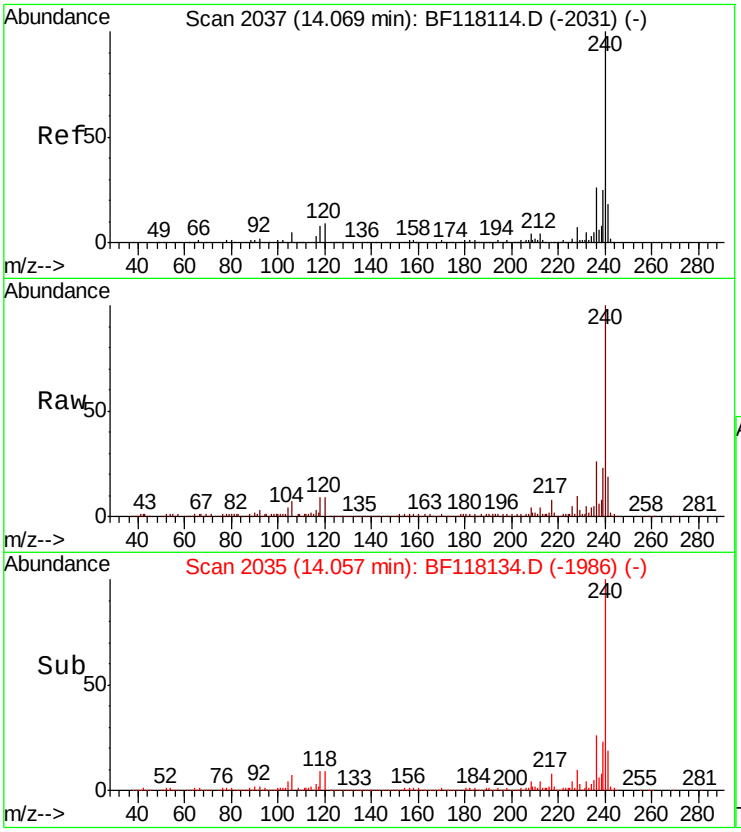


#75
Fluoranthene
Concen: 21.510 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:202 Resp: 552648

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	17.9	0.0	37.2



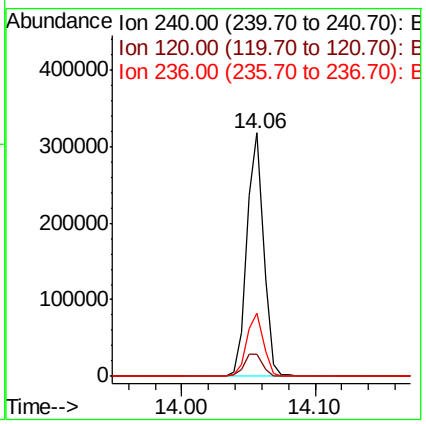


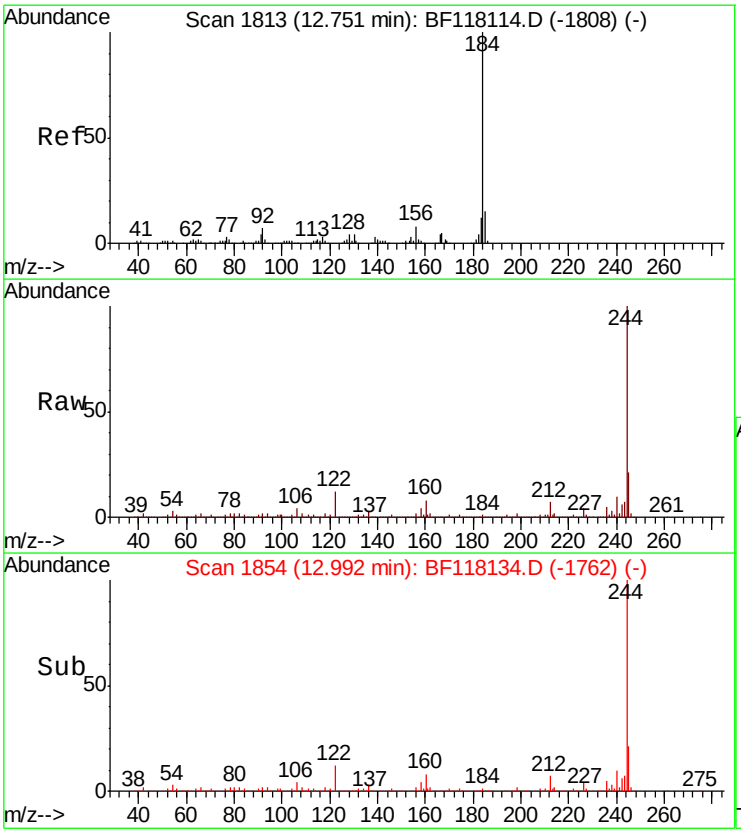
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 271538

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	26.1	21.0	31.6

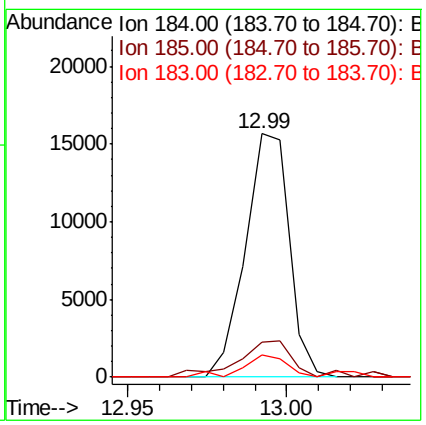


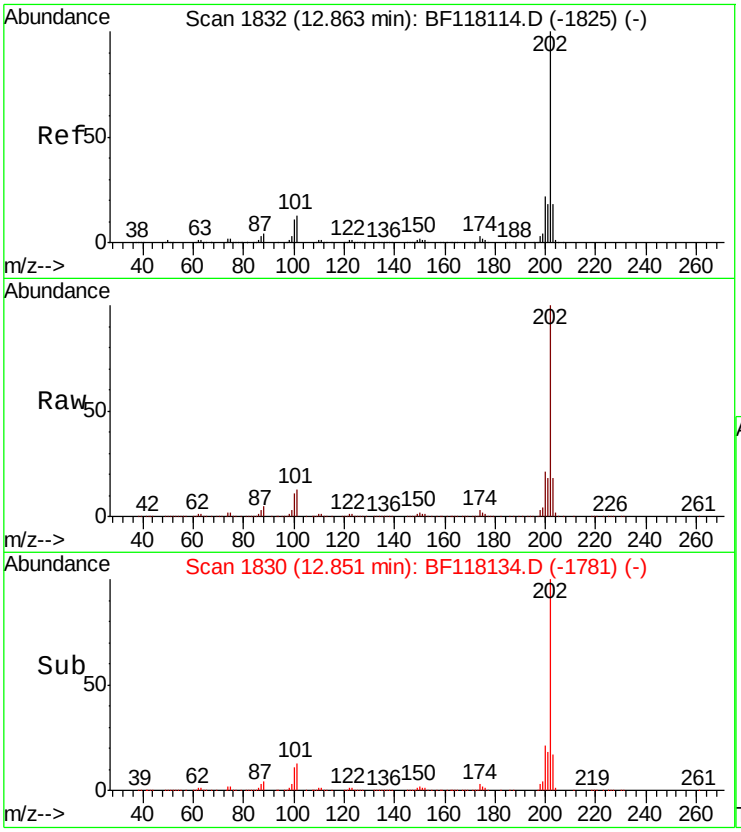


#77
Benzidine
Concen: 2.108 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.24 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:184 Resp: 15067

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.3	18.5
183	9.2	9.9	14.9#



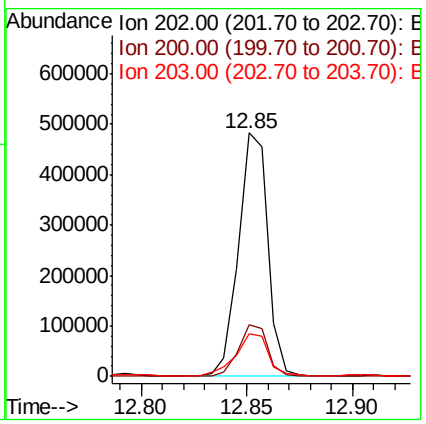


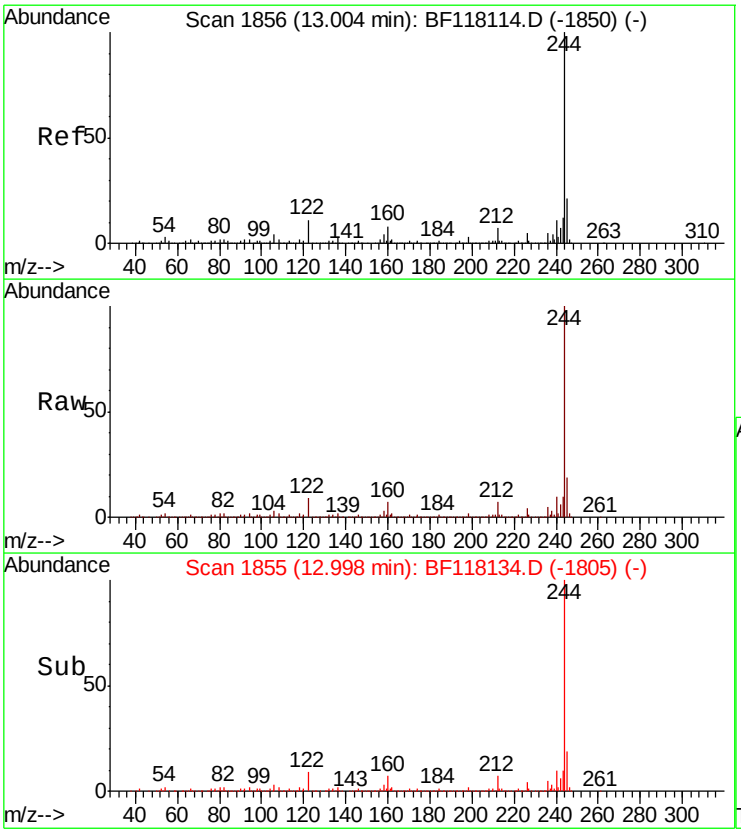
#78
Pyrene
Concen: 21.689 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 464102

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	17.6	14.6	21.8

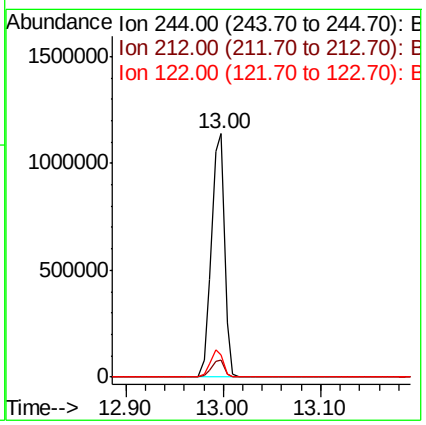


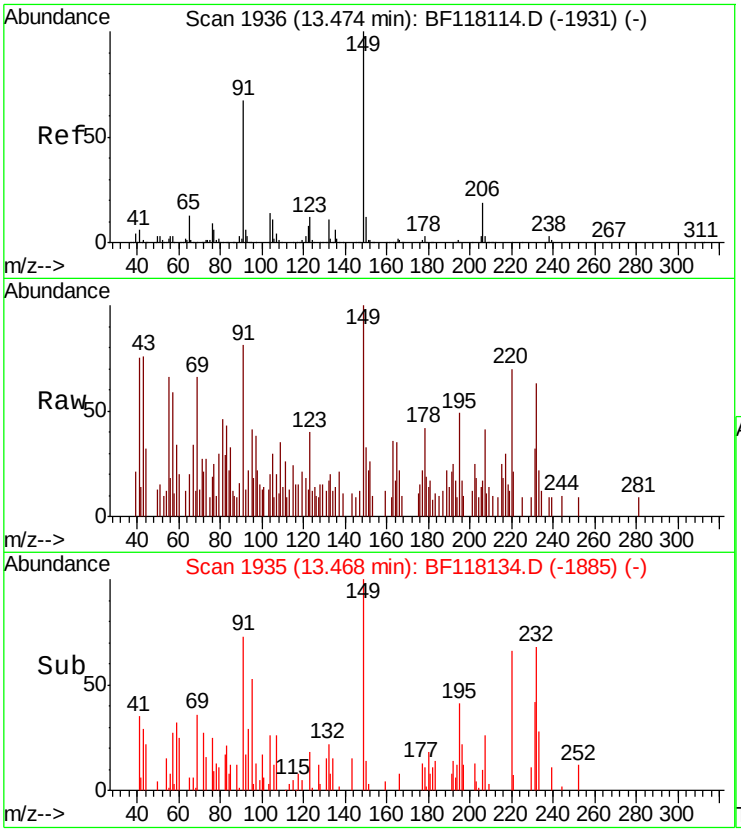


#79
Terphenyl-d14
Concen: 67.521 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:244 Resp: 1066188

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.2	9.0	13.6



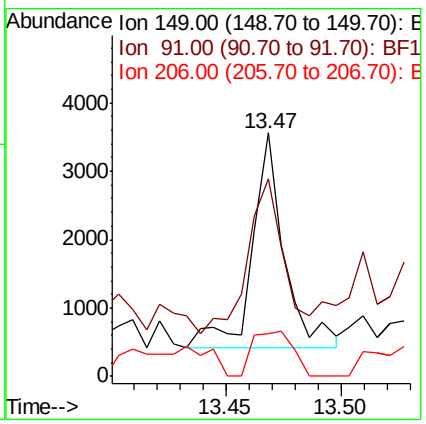


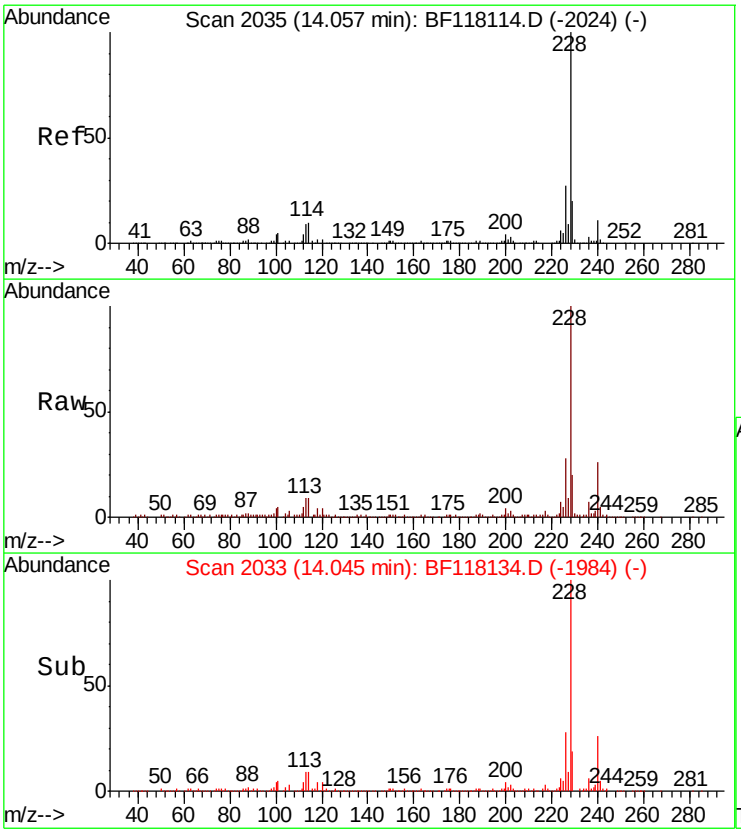
#80
Butylbenzylphthalate
Concen: 0.315 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 3057

Ion	Ratio	Lower	Upper
149	100		
91	81.3	53.9	80.9#
206	17.4	15.2	22.8

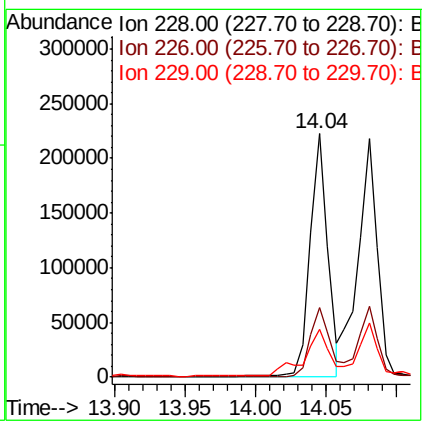


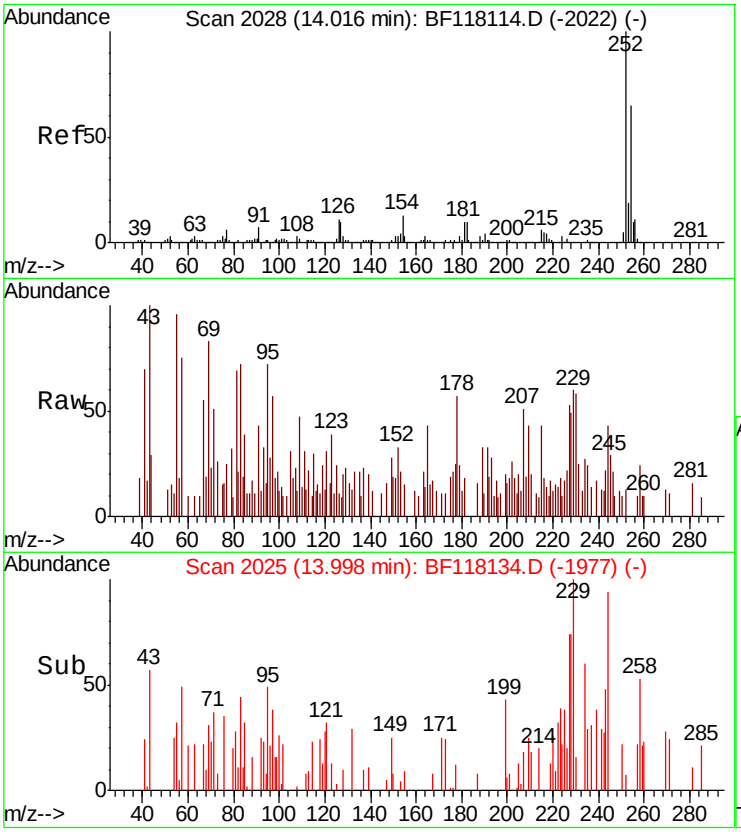


#81
Benzo(a)anthracene
Concen: 10.291 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:228 Resp: 193216

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	19.8	15.8	23.8



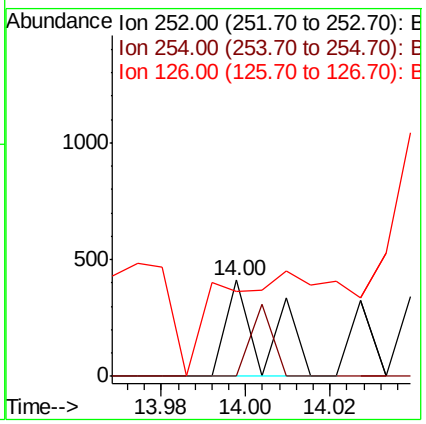


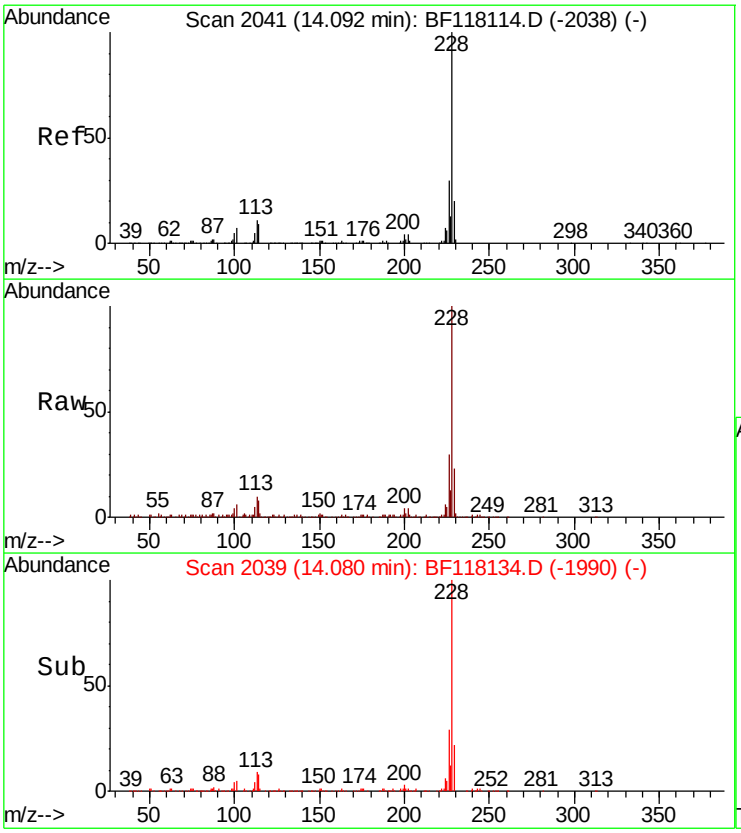
#82
3,3'-Dichlorobenzidine
Concen: 0.043 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 264

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.2	78.4#
126	88.8	8.6	13.0#

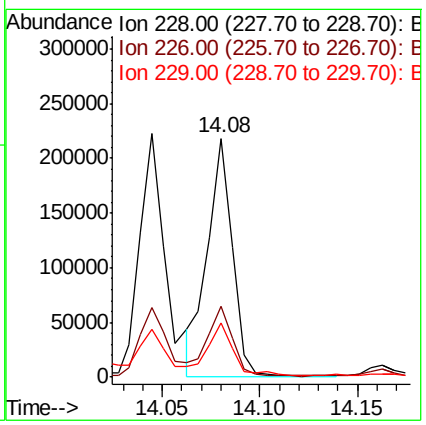


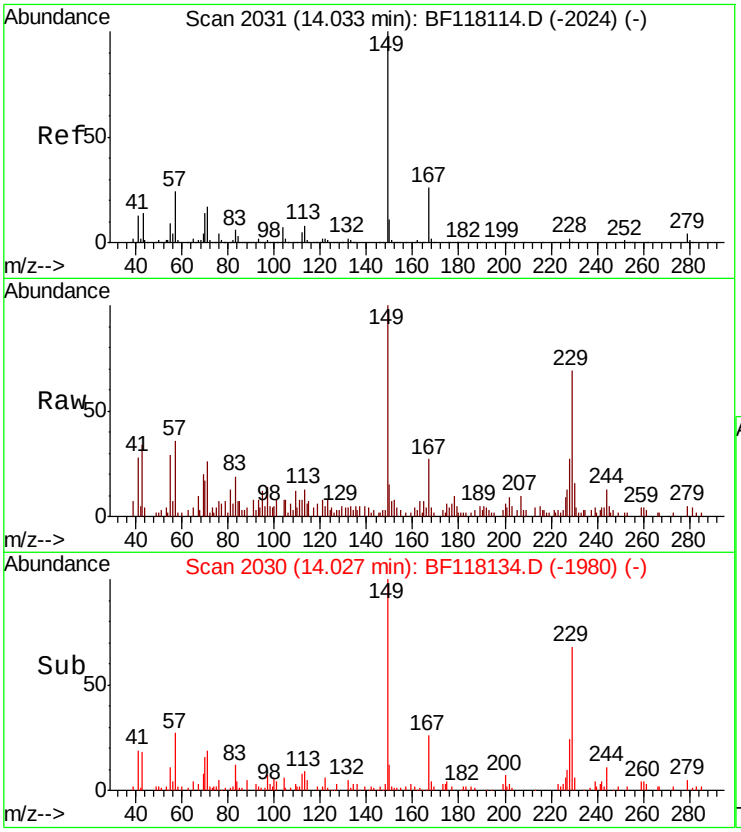


#83
Chrysene
Concen: 10.880 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:228 Resp: 195145

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	22.5	15.7	23.5



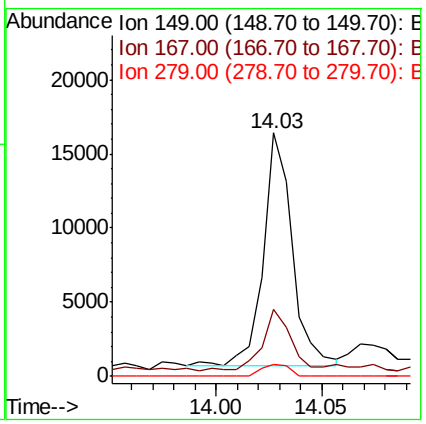


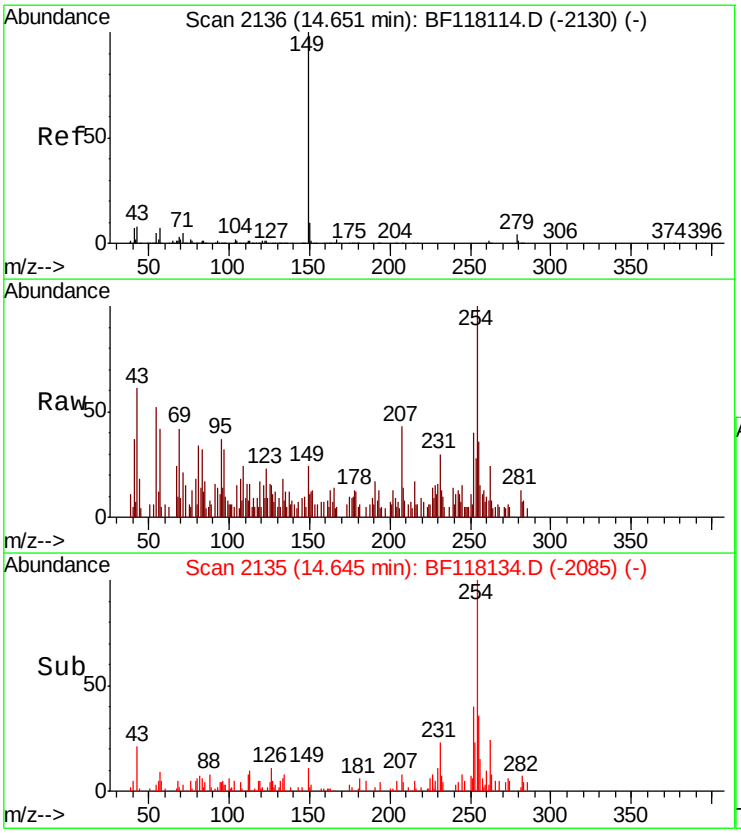
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.178 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 15056

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.8	31.2
279	4.9	2.9	4.3#

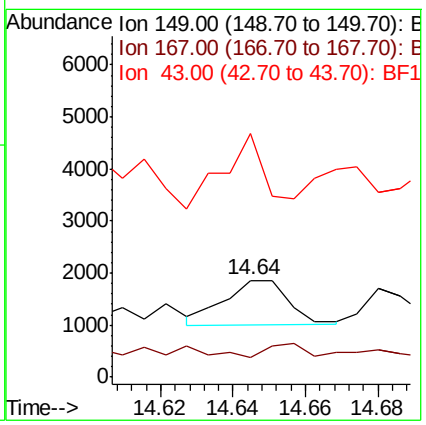


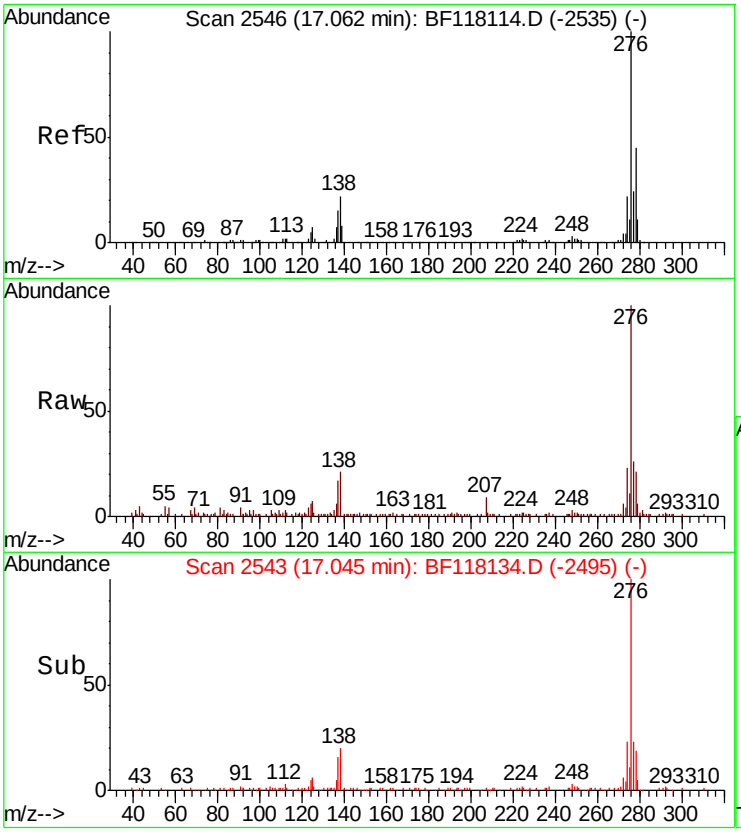


#85
Di-n-octyl phthalate
Concen: 0.055 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:149 Resp: 1058

Ion	Ratio	Lower	Upper
149	100		
167	21.3	1.3	1.9#
43	109.3	6.5	9.7#



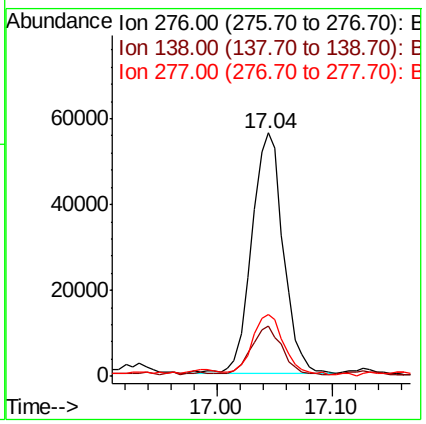


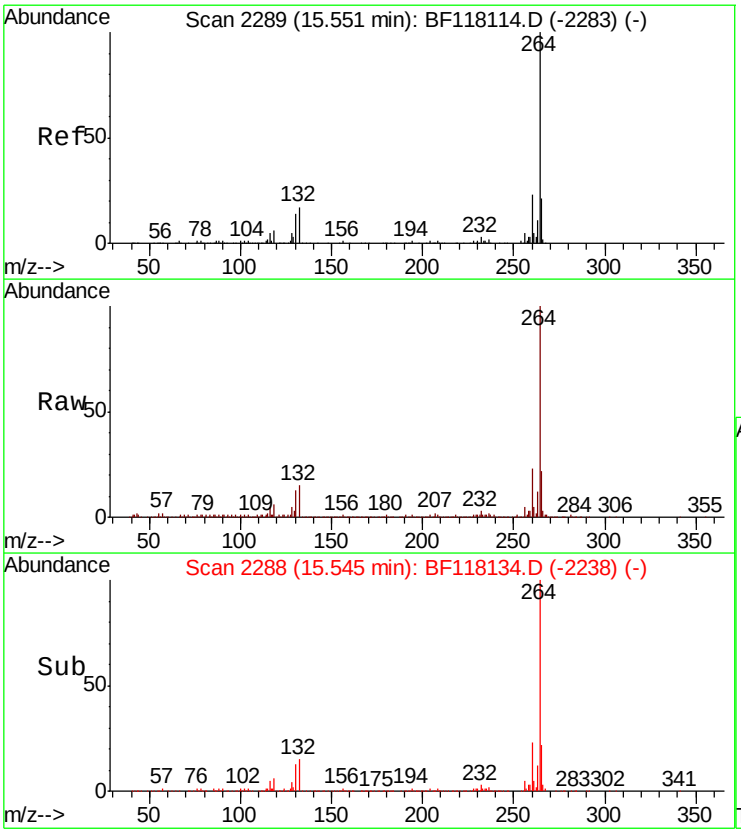
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.087 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 106942

Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.9	28.3
277	25.0	20.4	30.6

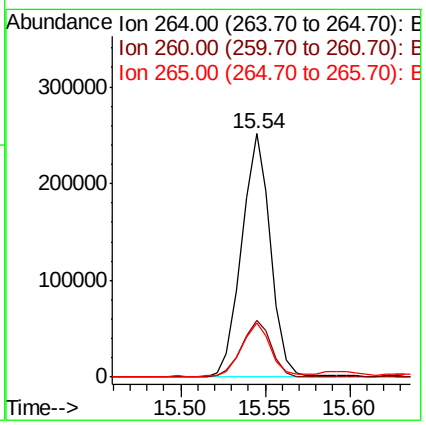


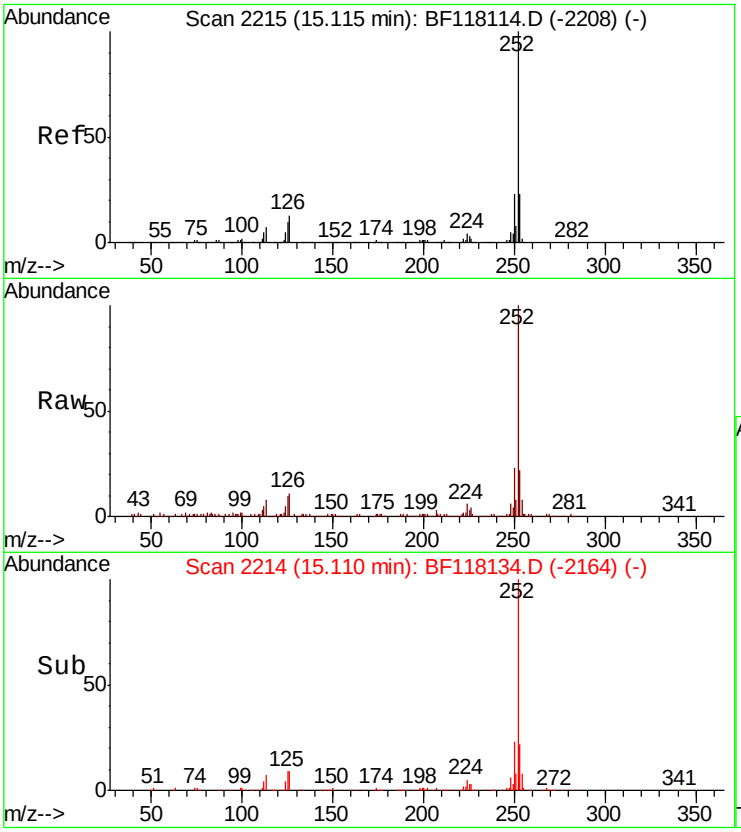


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:264 Resp: 298540

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	22.2	16.8	25.2



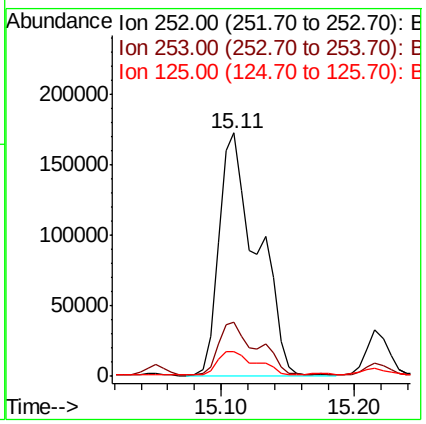


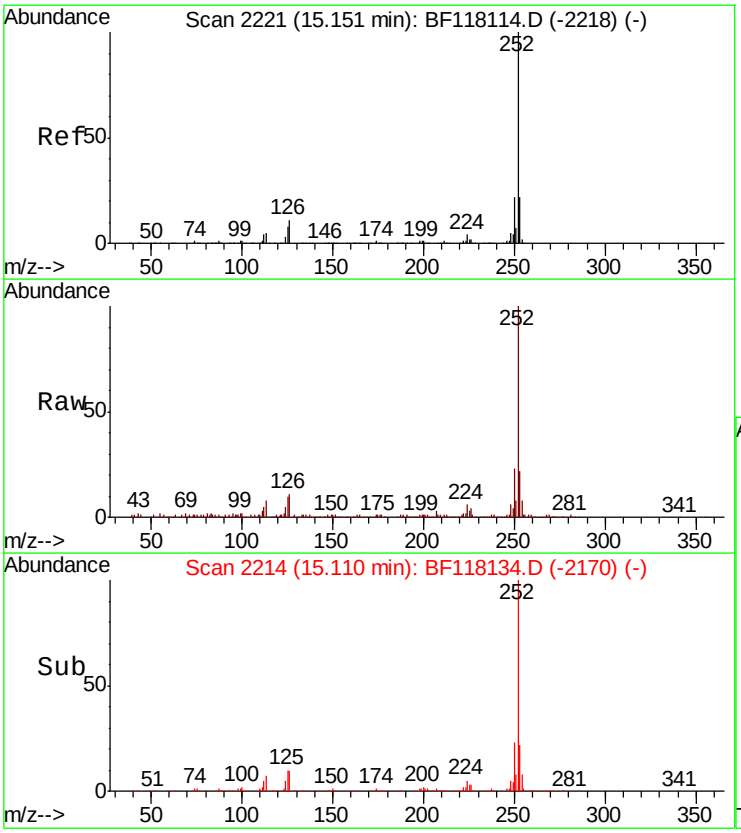
#88
Benzo(b)fluoranthene
Concen: 17.325 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 342068

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.3	8.3	12.5

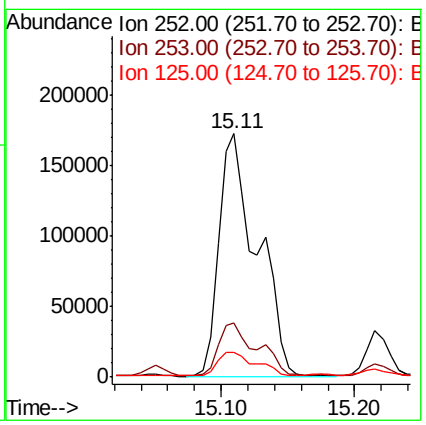


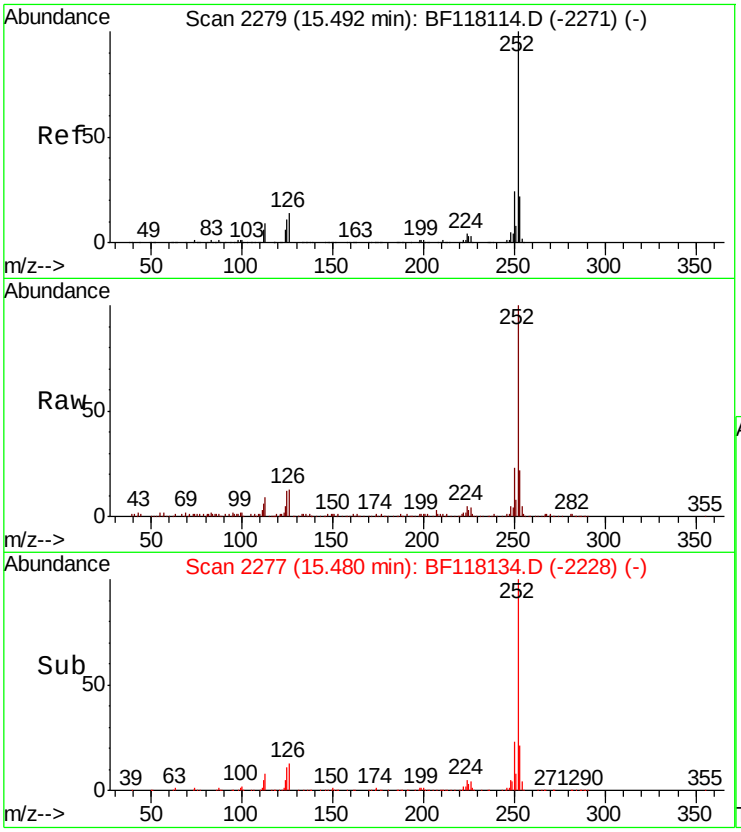


#89
Benzo(k)fluoranthene
Concen: 18.034 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:252 Resp: 342068

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	6.7	10.1#



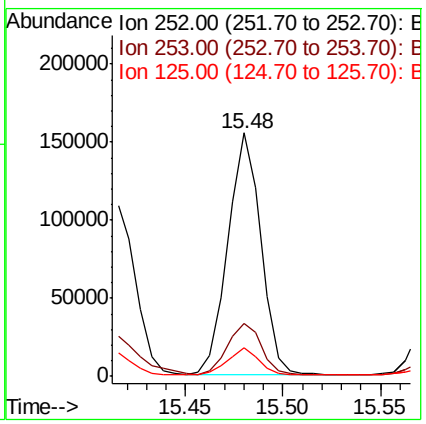


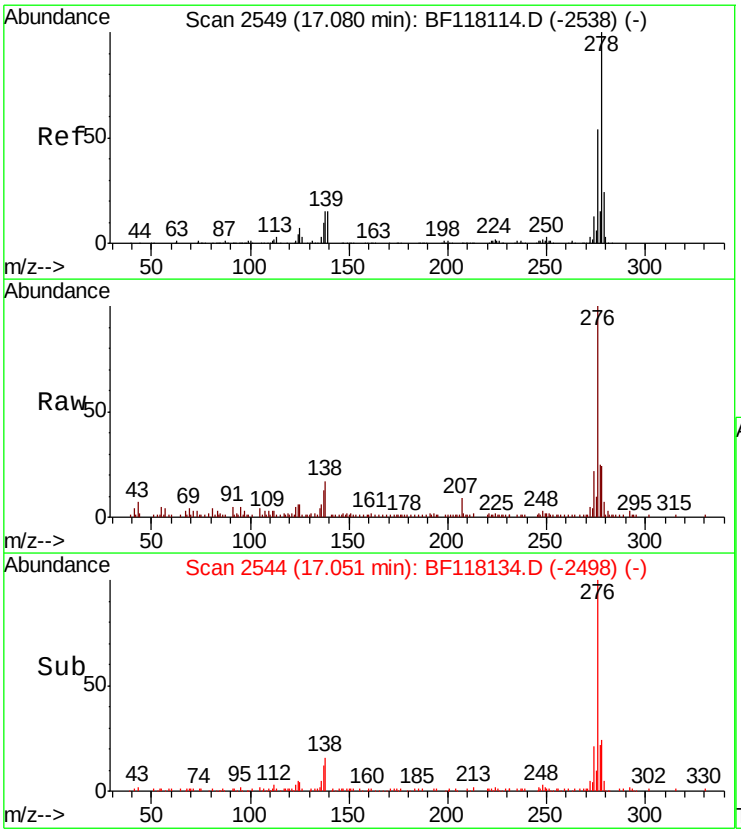
#90
Benzo(a)pyrene
Concen: 10.475 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 182672

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.7	9.1	13.7

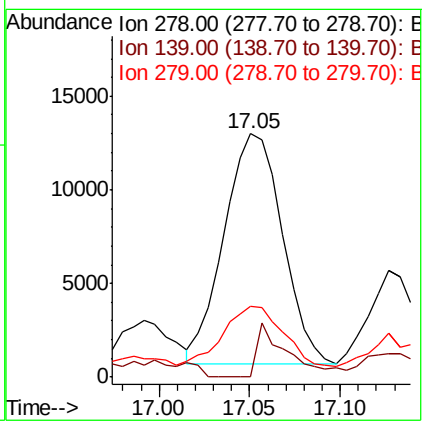


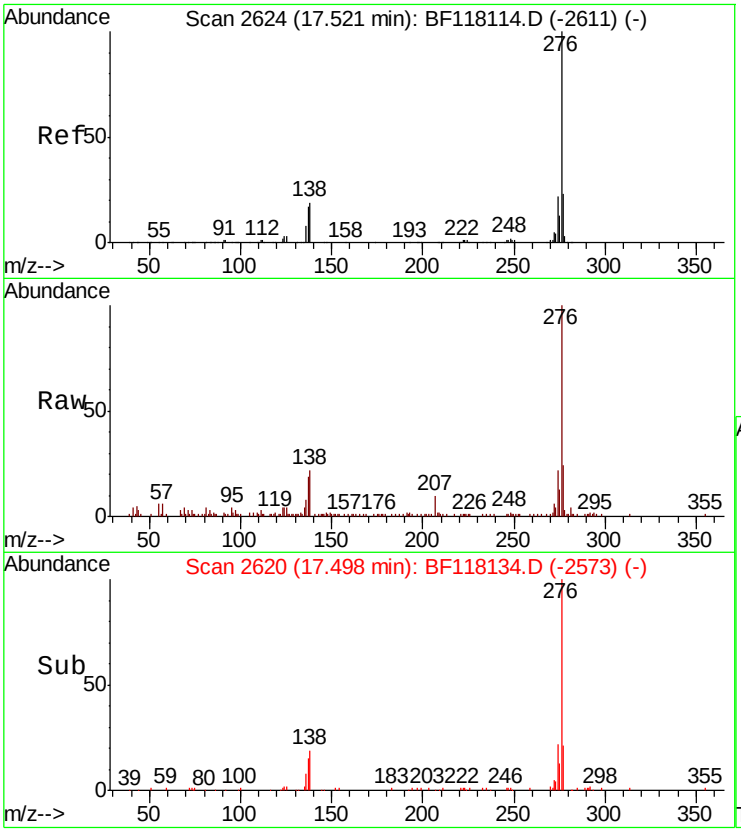


#91
Dibenzo(a,h)anthracene
Concen: 1.828 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:278 Resp: 27339

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	28.9	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 6.930 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 99604

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.4
138	21.9	15.5	23.3