Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118133.D
Acq On : 7 Dec 2019 17:07
Operator : JU
Sample : K6174-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:44:31 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	123815	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	485571	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	264758	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	498101	20.00	ng	0.00
76) Chrysene-d12	14.06	240	277101	20.00	ng	-0.01
87) Perylene-d12	15.54	264	299186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	785792	111.16	ng	0.00
7) Phenol-d6	6.50	99	997944	116.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	604006	69.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	339568	105.58	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1240842	71.31	ng	0.00
79) Terphenyl-d14	13.00	244	1336817	82.96	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.50	93	309	0.028	ng	# 1
8) 2-Chlorophenol	6.65	128	264	0.033	ng	# 1
9) Benzaldehyde	6.42	77	674	Below Cal		# 1
10) Phenol	6.50	94	15653	1.605	ng	# 72
11) bis(2-Chloroethyl)ether	6.63	93	1234	0.175	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	469	0.050	ng	# 77
13) 1,4-Dichlorobenzene	6.88	146	469	0.050	ng	# 75
14) 1,2-Dichlorobenzene	6.88	146	469	0.053	ng	# 74
15) Benzyl Alcohol	7.02	79	11269	1.688	ng	# 47
17) 2-Methylphenol	7.02	107	141	0.022	ng	# 1
18) Hexachloroethane	7.40	117	1737	0.503	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	79913	15.381	ng	# 79
20) 3+4-Methylphenols	7.02	107	141	0.018	ng	# 1
22) Acetophenone	7.26	105	2528	0.217	ng	# 45
24) Nitrobenzene	7.43	77	2247	0.265	ng	# 30
25) Isophorone	7.43	82	594125	40.605	ng	# 62
28) bis(2-Chloroethoxy)methane	7.75	93	223	0.023	ng	# 1
31) Naphthalene	8.17	128	3643	0.149	ng	# 96
33) 4-Chloroaniline	8.17	127	357	0.034	ng	# 33
37) 2-Methylnaphthalene	8.87	142	2841	0.172	ng	# 75
38) 1-Methylnaphthalene	8.97	142	1760	0.114	ng	# 88
46) 1,1'-Biphenyl	9.33	154	2737	0.131	ng	92
47) 2-Chloronaphthalene	9.63	162	420	0.025	ng	# 1
48) 2-Nitroaniline	9.62	65	946	0.197	ng	# 1
49) Acenaphthylene	9.77	152	117	0.005	ng	# 60
50) Dimethylphthalate	9.62	163	109689	5.609	ng	99
51) 2,6-Dinitrotoluene	9.62	165	1194	0.281	ng	# 1
52) Acenaphthene	9.91	154	765	0.051	ng	# 4
55) Dibenzofuran	10.12	168	111	0.005	ng	# 42
57) 2,4-Dinitrotoluene	9.91	165	33033	5.820	ng	# 25
58) Fluorene	10.70	166	12908	0.733	ng	# 90
60) Diethylphthalate	10.32	149	270	0.014	ng	# 60
63) Azobenzene	10.70	77	1560	0.095	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.70	198	718	0.261	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118133.D
Acq On : 7 Dec 2019 17:07
Operator : JU
Sample : K6174-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:44:31 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)
66) n-Nitrosodiphenylamine	10.70	169	9225	0.593	ng	#	43
67) 4-Bromophenyl-phenylether	10.70	248	20847	3.666	ng	#	1
71) Phenanthrene	11.43	178	1482	0.056	ng	#	60
72) Anthracene	11.48	178	438	0.017	ng	#	61
73) Carbazole	11.45	167	119	0.005	ng	#	58
74) Di-n-butylphthalate	11.96	149	1417	0.048	ng	#	78
75) Fluoranthene	12.62	202	2599	0.096	ng		91
77) Benzidine	12.76	184	1039	0.142	ng	#	66
78) Pyrene	12.85	202	3979	0.182	ng		95
80) Butylbenzylphthalate	13.47	149	287	0.029	ng	#	69
81) Benzo(a)anthracene	14.05	228	2541	0.133	ng	#	71
82) 3,3'-Dichlorobenzidine	14.01	252	114	0.018	ng	#	25
83) Chrysene	14.07	228	1375	0.075	ng	#	84
84) Bis(2-ethylhexyl)phthalate	14.03	149	3433	0.263	ng	#	90
85) Di-n-octyl phthalate	14.64	149	923	0.047	ng	#	43
86) Indeno(1,2,3-cd)pyrene	17.04	276	1265	0.082	ng	#	59
88) Benzo(b)fluoranthene	15.11	252	2548	0.129	ng	#	72
89) Benzo(k)fluoranthene	15.17	252	112	0.006	ng	#	1
90) Benzo(a)pyrene	15.48	252	1998	0.114	ng	#	34
91) Dibenzo(a,h)anthracene	17.06	278	222	0.015	ng	#	57
92) Benzo(g,h,i)perylene	17.50	276	1475	0.102	ng	#	43

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

Quantitation Report (Not Reviewed)

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Sample : K6174-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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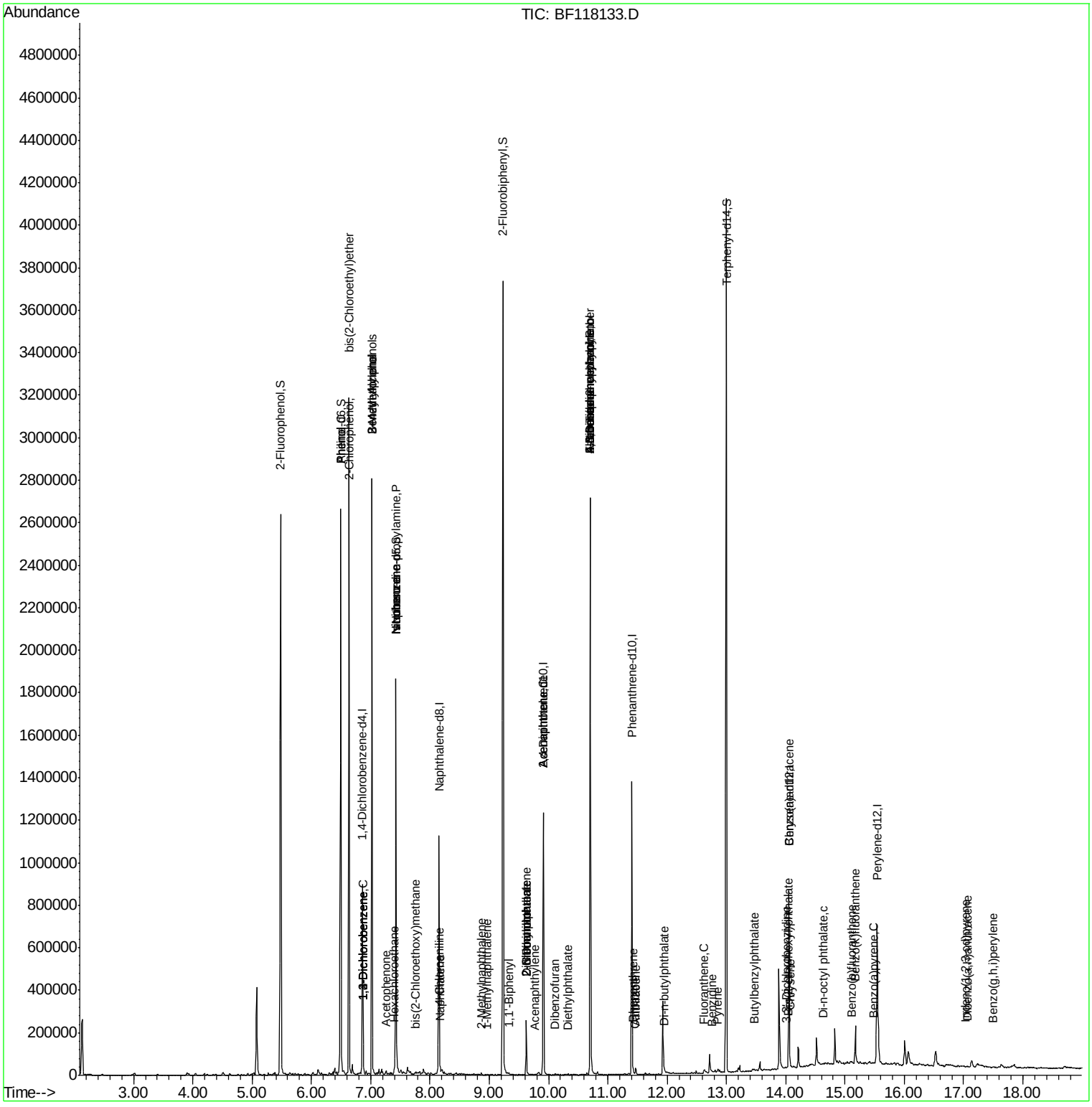
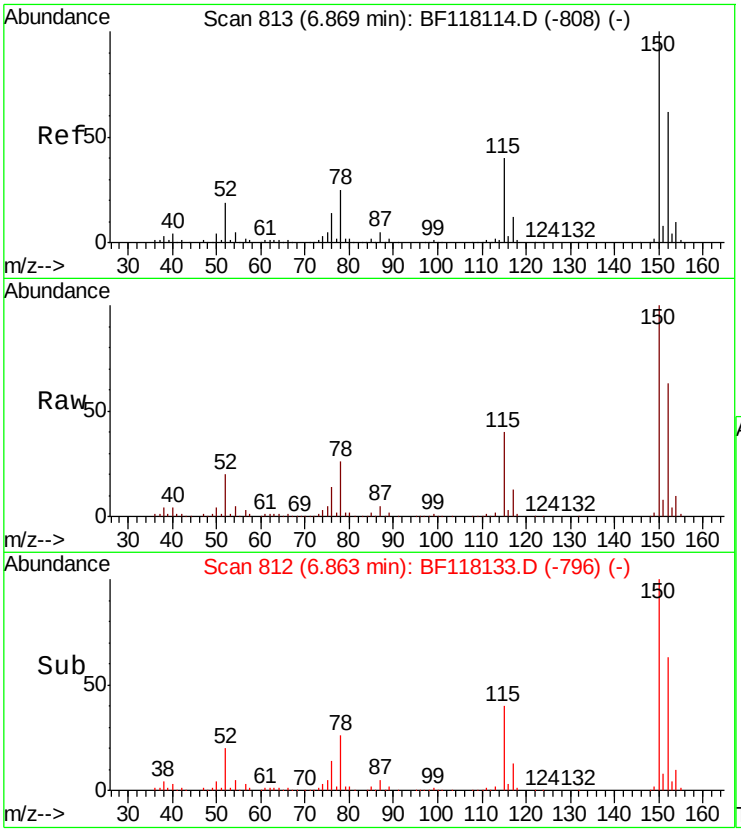
Quant Time: Dec 09 05:44:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



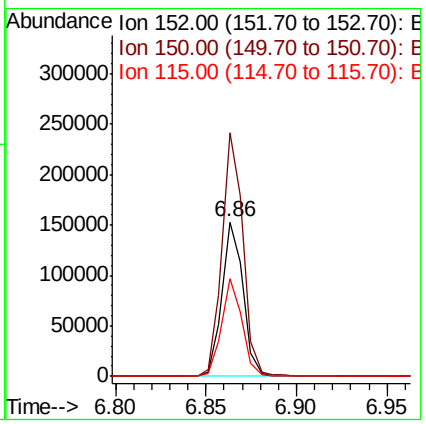


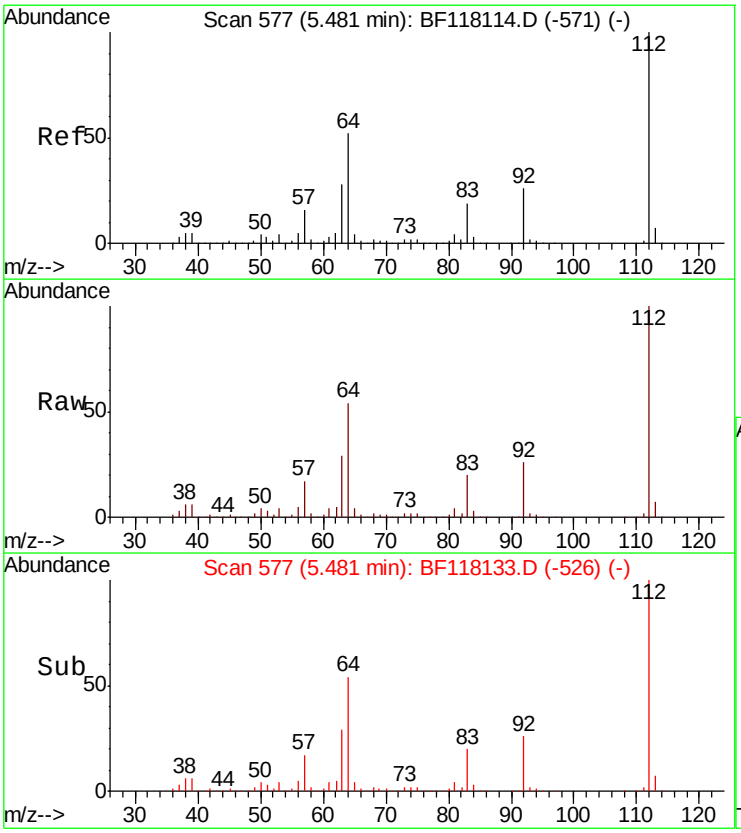
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123815

Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.3	192.5
115	63.6	51.1	76.7

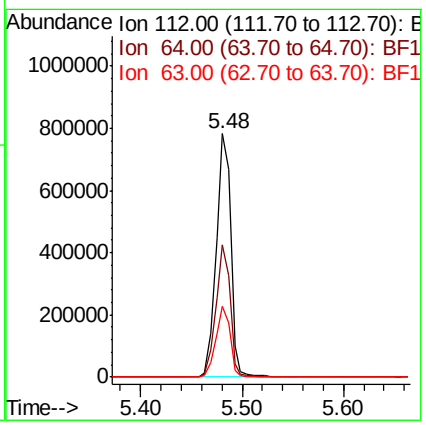


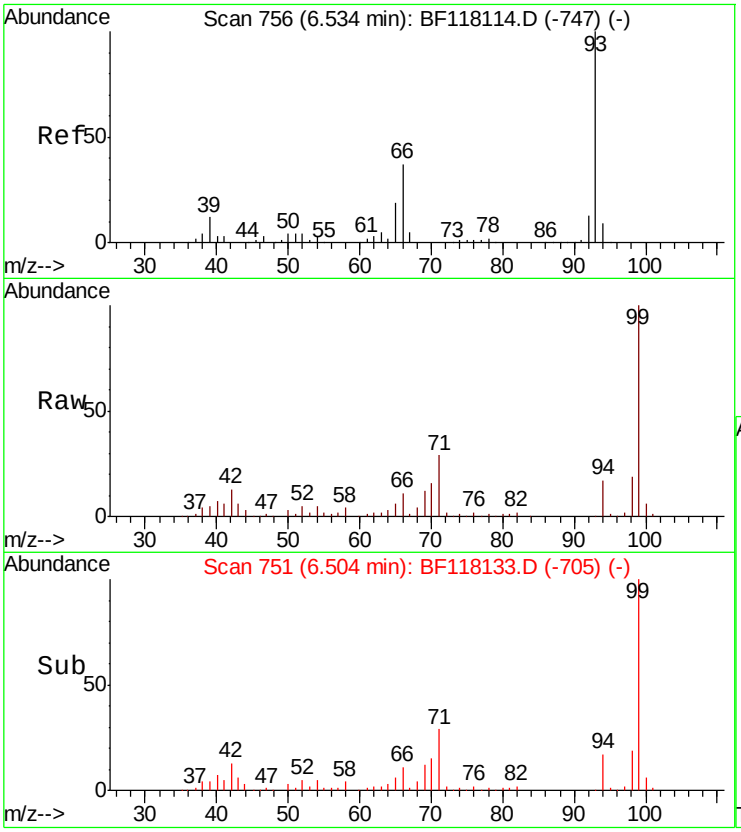


#5
2-Fluorophenol
Concen: 111.157 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:112 Resp: 785792

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	29.3	22.4	33.6



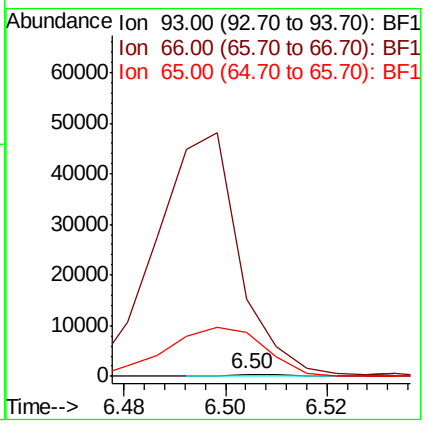


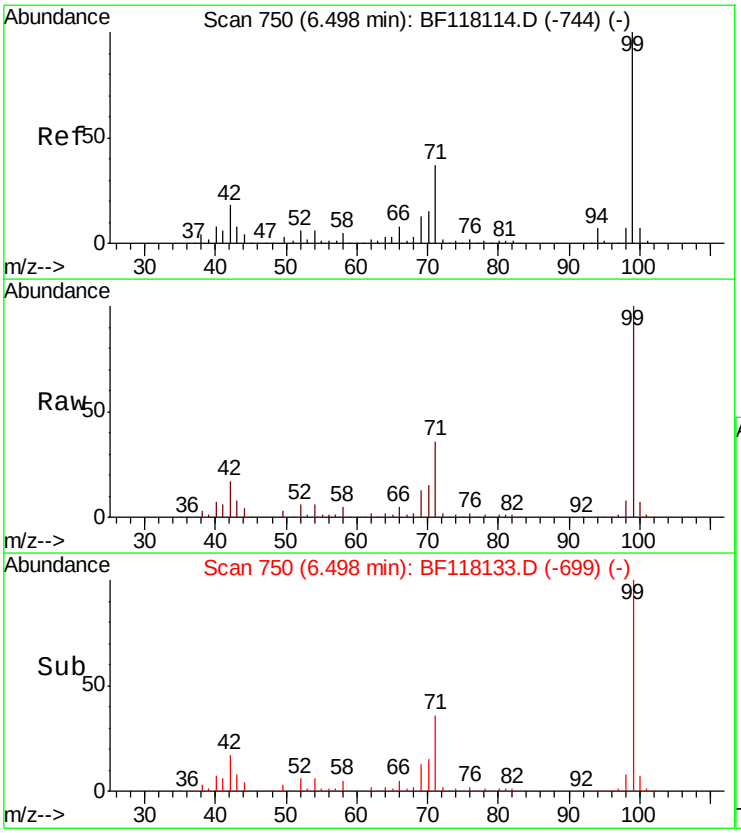
#6
Aniline
Concen: 0.028 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 309

Ion	Ratio	Lower	Upper
93	100		
66	3404.2	30.2	45.2#
65	1963.4	15.5	23.3#

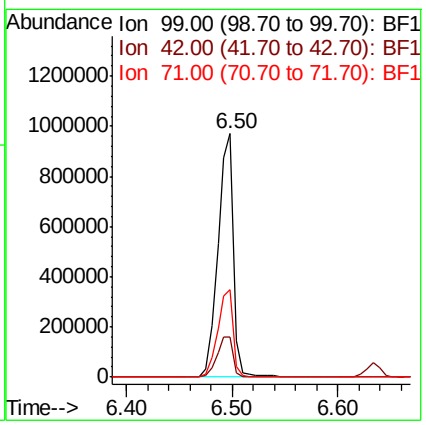


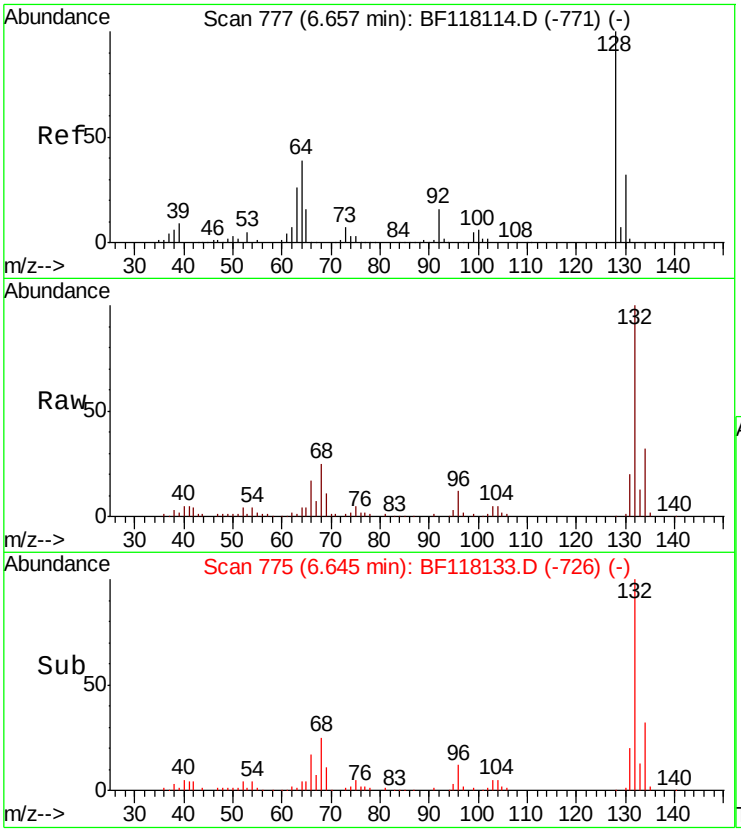


#7
Phenol-d6
Concen: 116.713 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 99 Resp: 997944

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	36.0	29.7	44.5



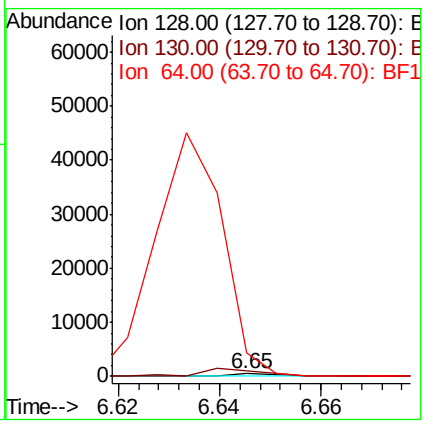


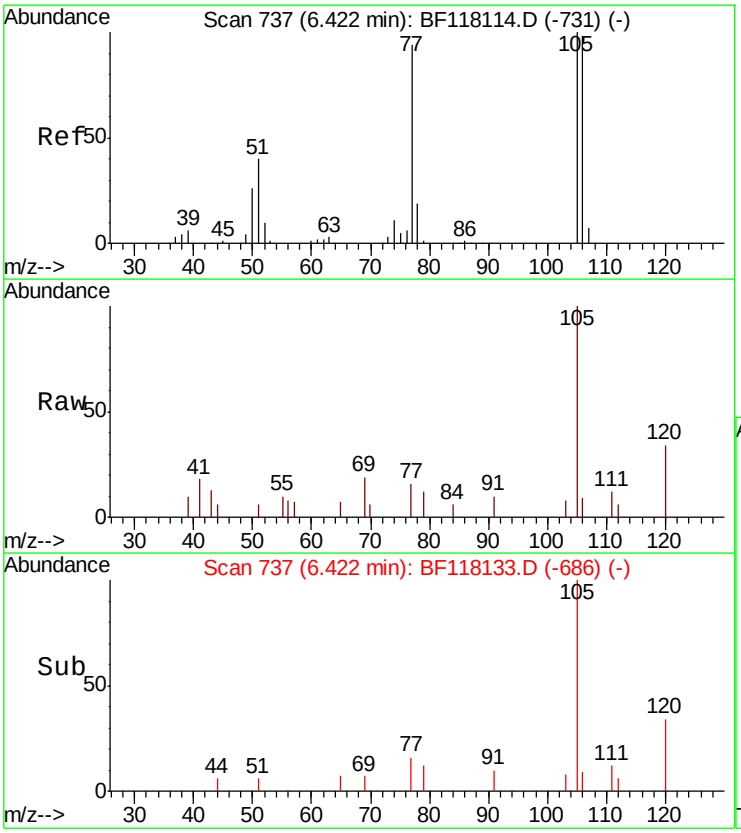
#8
2-Chlorophenol
Concen: 0.033 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 264

Ion	Ratio	Lower	Upper
128	100		
130	239.3	12.1	52.1#
64	986.0	19.3	59.3#

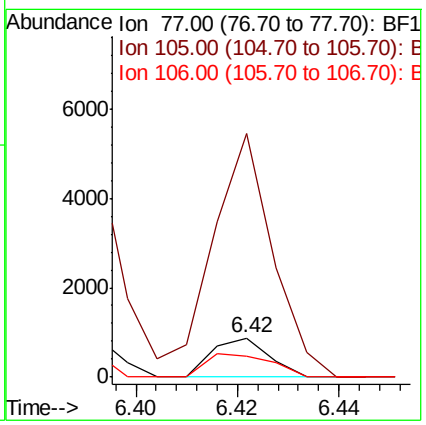


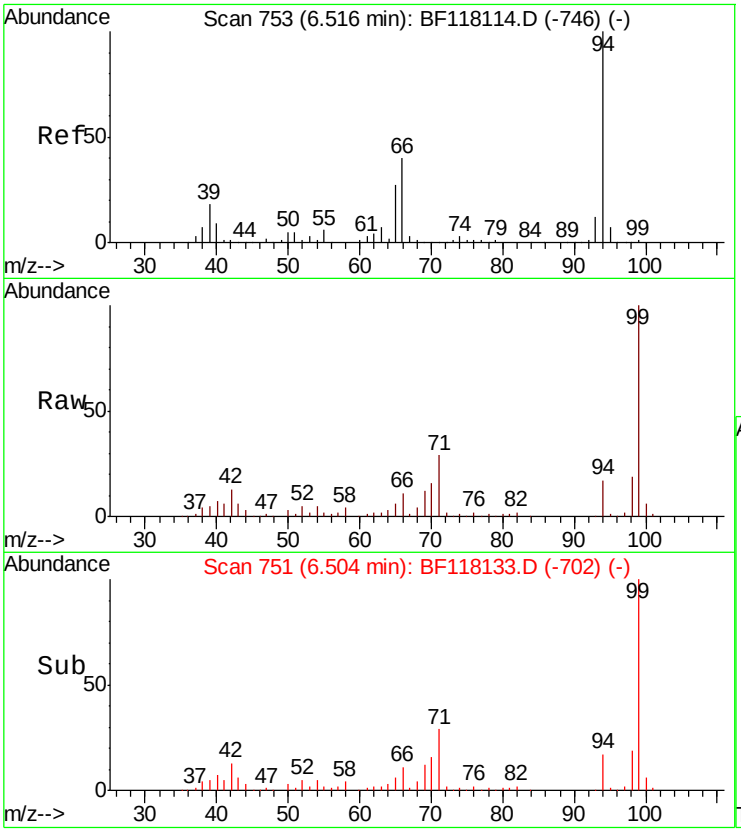


#9
Benzaldehyde
Concen: Below Cal
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 77 Resp: 674

Ion	Ratio	Lower	Upper
77	100		
105	622.1	86.4	126.4#
106	54.3	83.8	123.8#



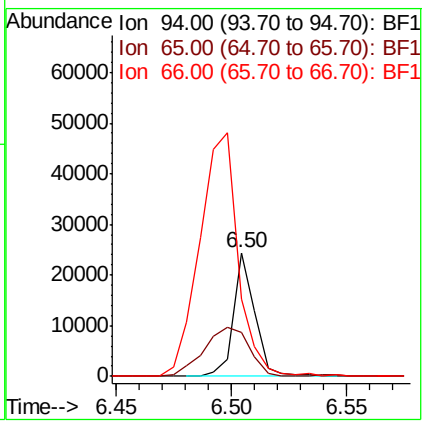


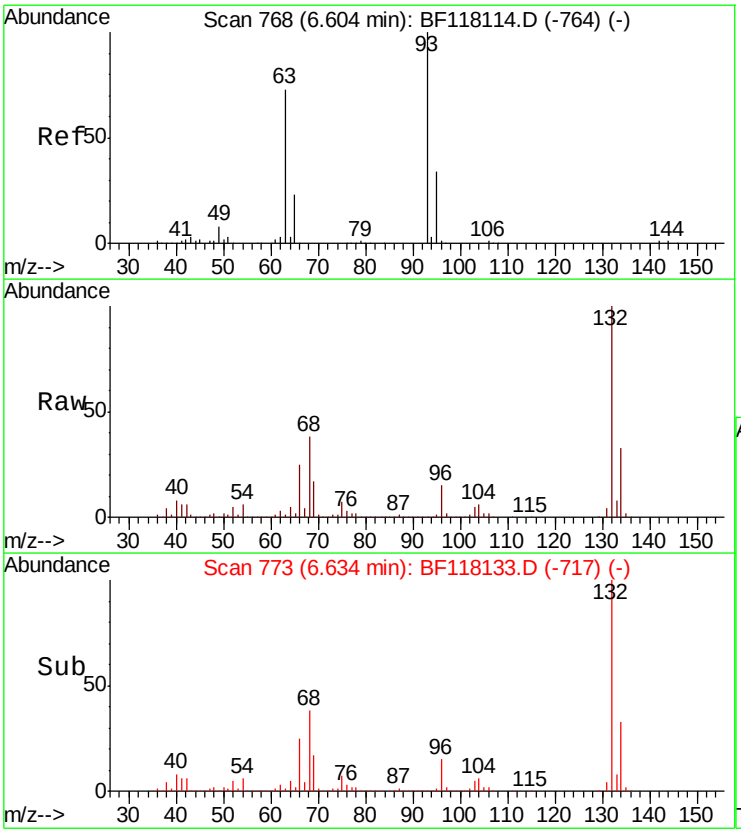
#10
Phenol
Concen: 1.605 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 15653

Ion	Ratio	Lower	Upper
94	100		
65	35.9	7.3	47.3
66	62.3	20.2	60.2#

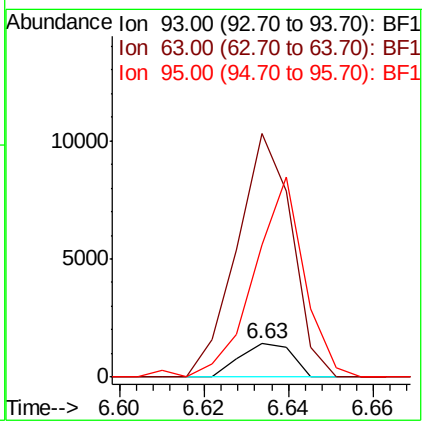


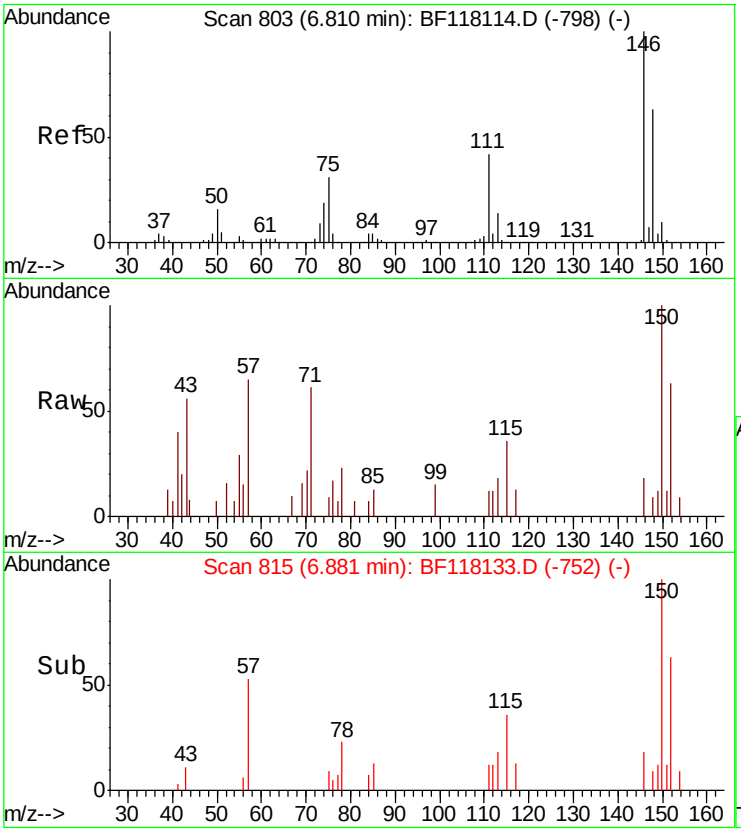


#11
bis(2-Chloroethyl)ether
Concen: 0.175 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.03 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 93 Resp: 1234

Ion	Ratio	Lower	Upper
93	100		
63	724.0	53.2	93.2#
95	394.6	13.8	53.8#



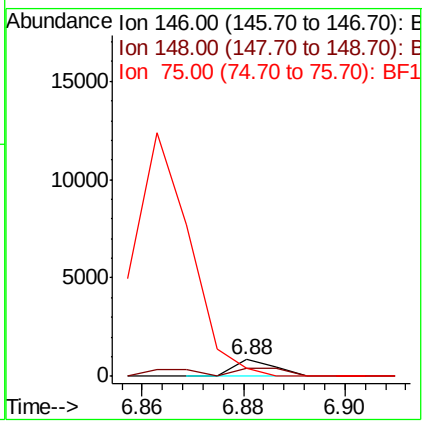


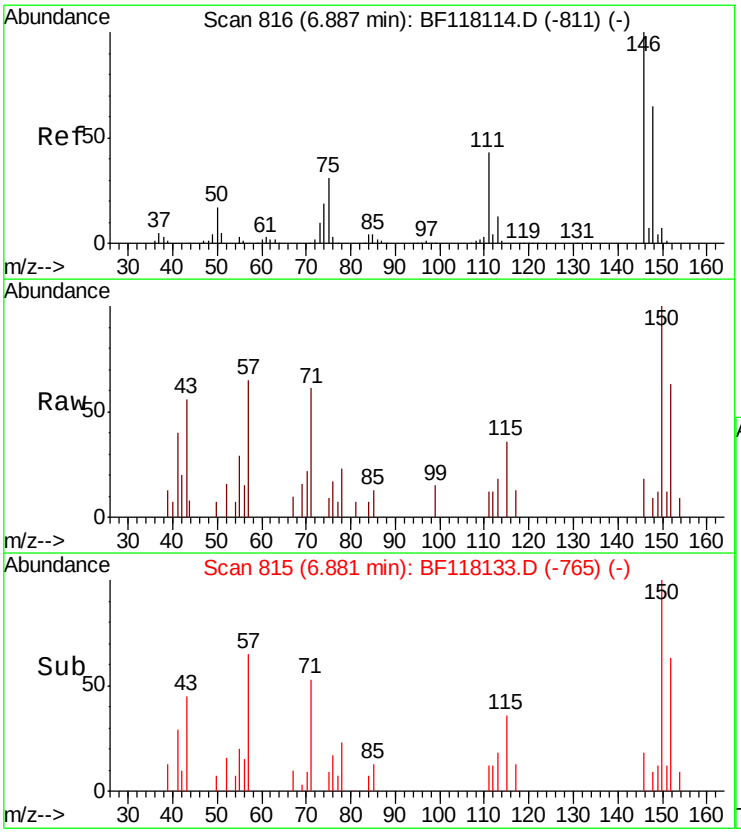
#12
1,3-Dichlorobenzene
Concen: 0.050 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.07 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 469

Ion	Ratio	Lower	Upper
146	100		
148	49.9	50.2	75.4#
75	50.3	24.6	37.0#

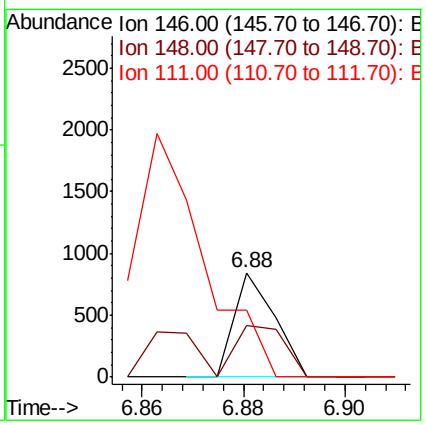


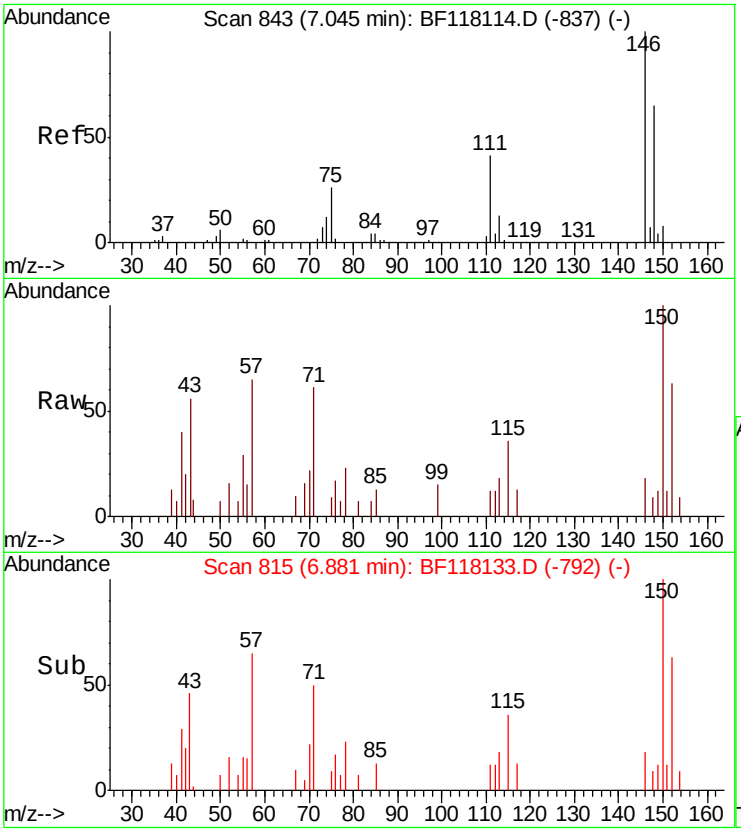


#13
1,4-Dichlorobenzene
Concen: 0.050 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:146 Resp: 469

Ion	Ratio	Lower	Upper
146	100		
148	49.9	52.1	78.1#
111	64.4	34.6	52.0#



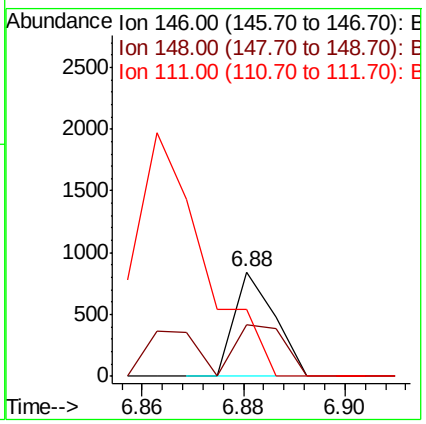


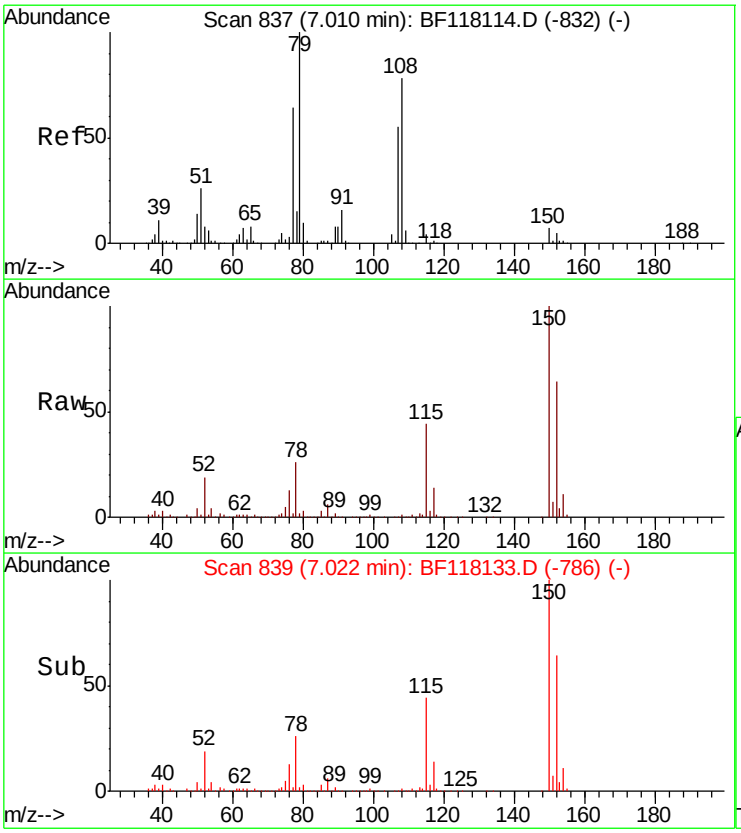
#14
1,2-Dichlorobenzene
Concen: 0.053 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.16 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 469

Ion	Ratio	Lower	Upper
146	100		
148	49.9	52.2	78.2#
111	64.4	33.1	49.7#

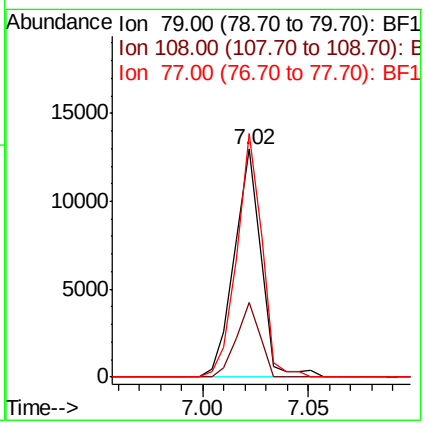


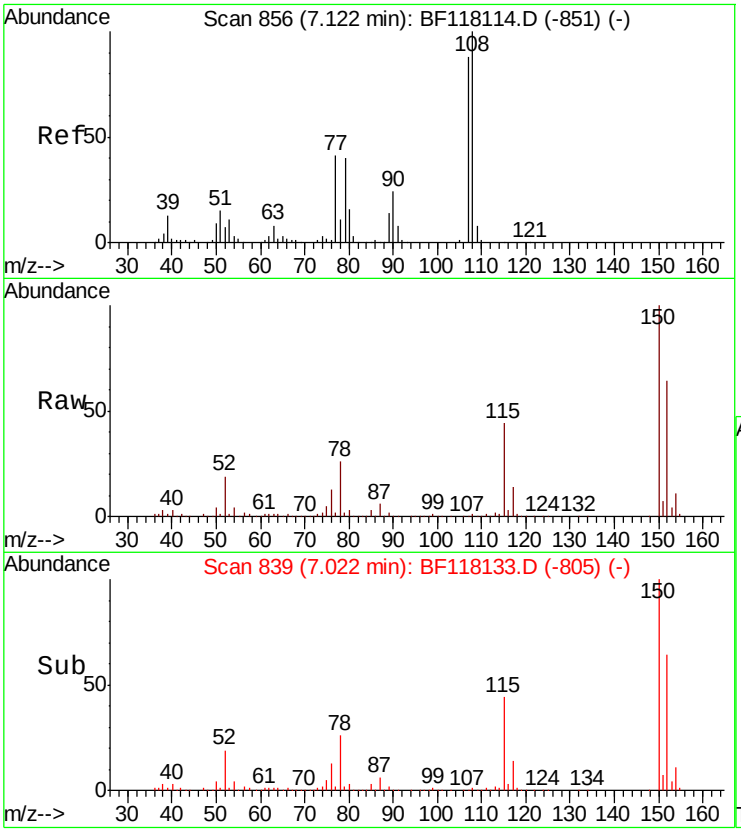


#15
Benzyl Alcohol
Concen: 1.688 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 79 Resp: 11269

Ion	Ratio	Lower	Upper
79	100		
108	32.7	62.7	94.1#
77	106.8	51.4	77.2#



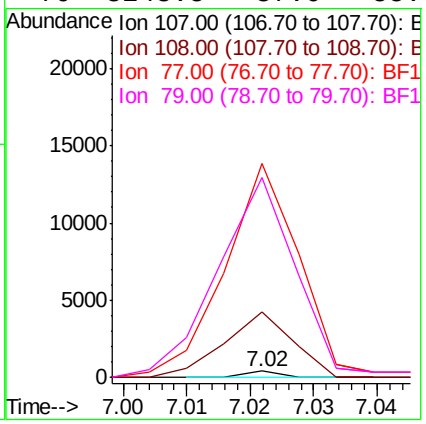


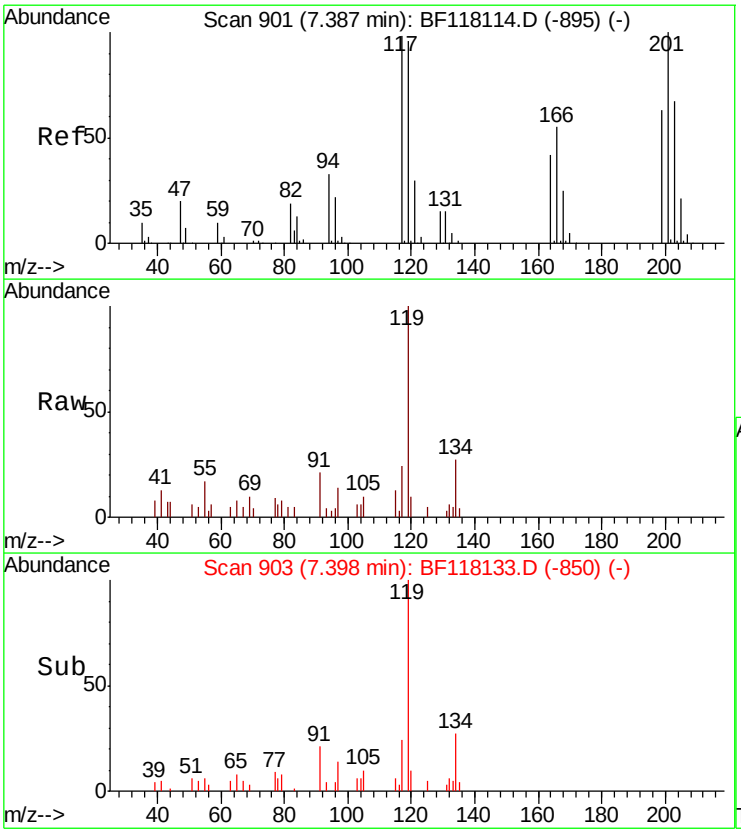
#17
2-Methylphenol
Concen: 0.022 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.10 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 141

Ion	Ratio	Lower	Upper
107	100		
108	1062.0	91.1	136.7#
77	3462.5	37.8	56.6#
79	3243.5	37.0	55.6#

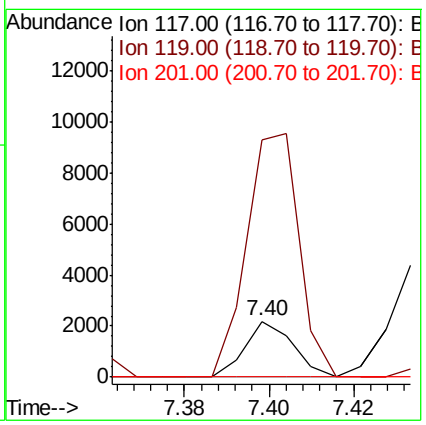


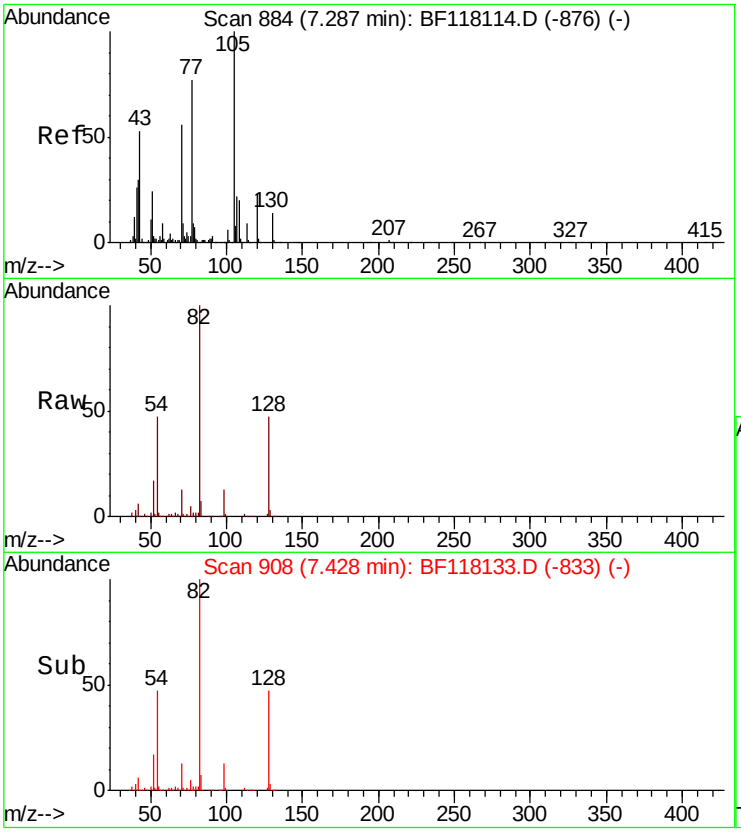


#18
Hexachloroethane
Concen: 0.503 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:117 Resp: 1737

Ion	Ratio	Lower	Upper
117	100		
119	424.2	78.2	117.4#
201	0.0	81.6	122.4#



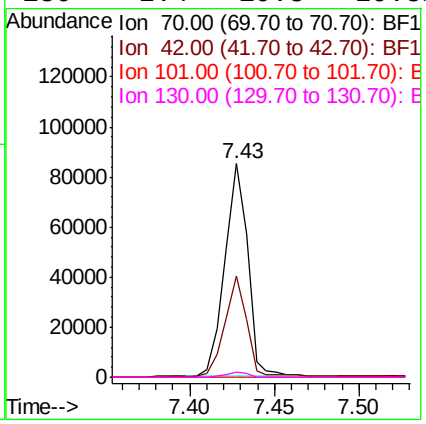


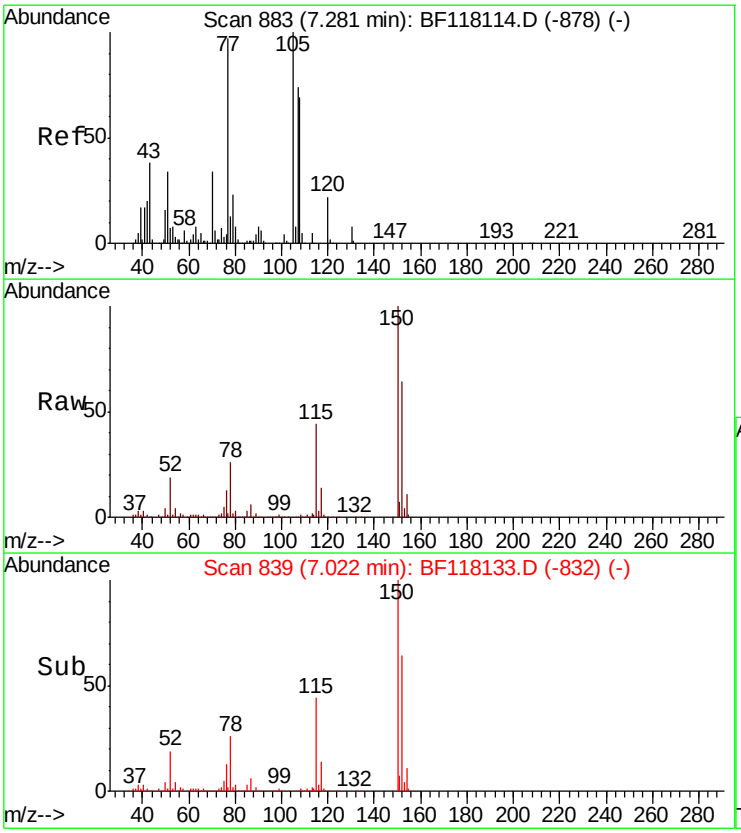
#19
n-Nitroso-di-n-propylamine
Concen: 15.381 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 79913

Ion	Ratio	Lower	Upper
70	100		
42	47.6	43.2	64.8
101	0.0	8.1	12.1#
130	2.4	19.8	29.8#

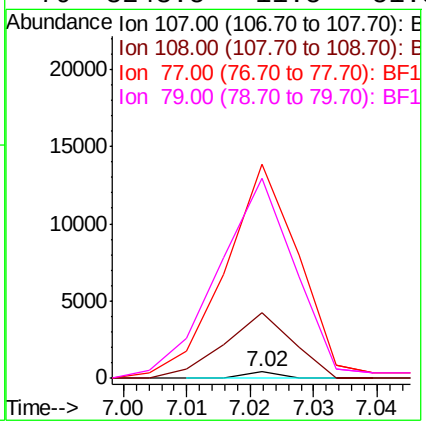


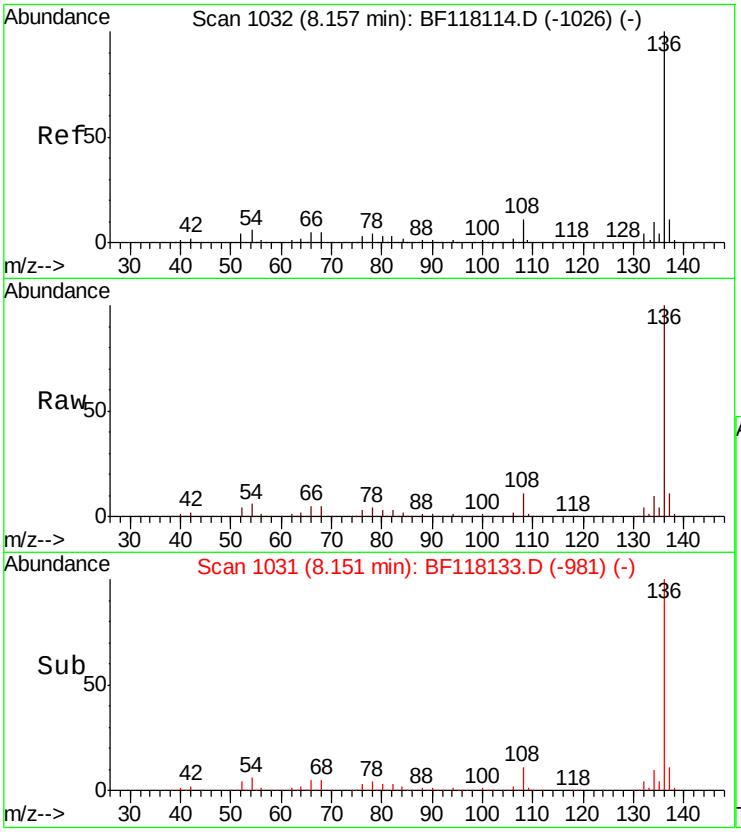


#20
3+4-Methylphenols
Concen: 0.018 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.26 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:107 Resp: 141

Ion	Ratio	Lower	Upper
107	100		
108	1062.0	73.2	113.2#
77	3462.5	110.9	150.9#
79	3243.5	11.5	51.5#



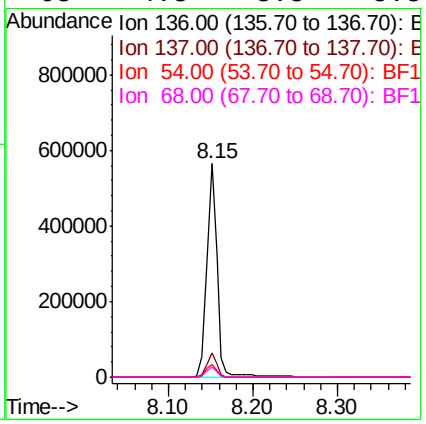


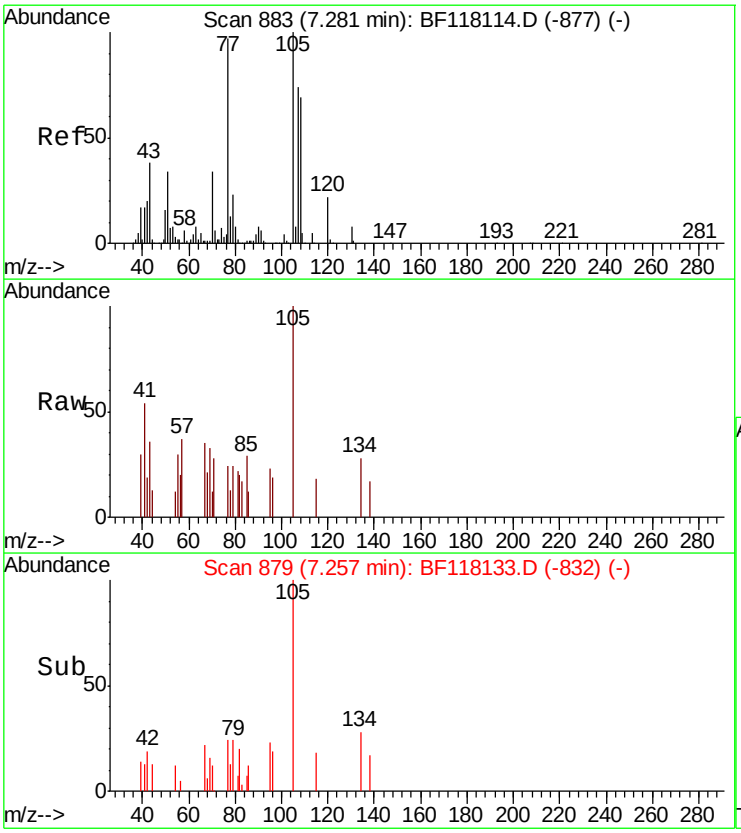
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 485571

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.2	5.0	7.6
68	4.8	3.8	5.8

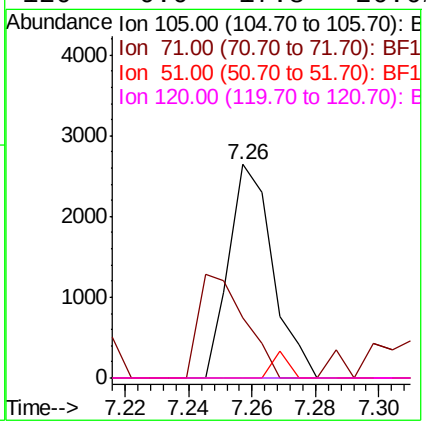


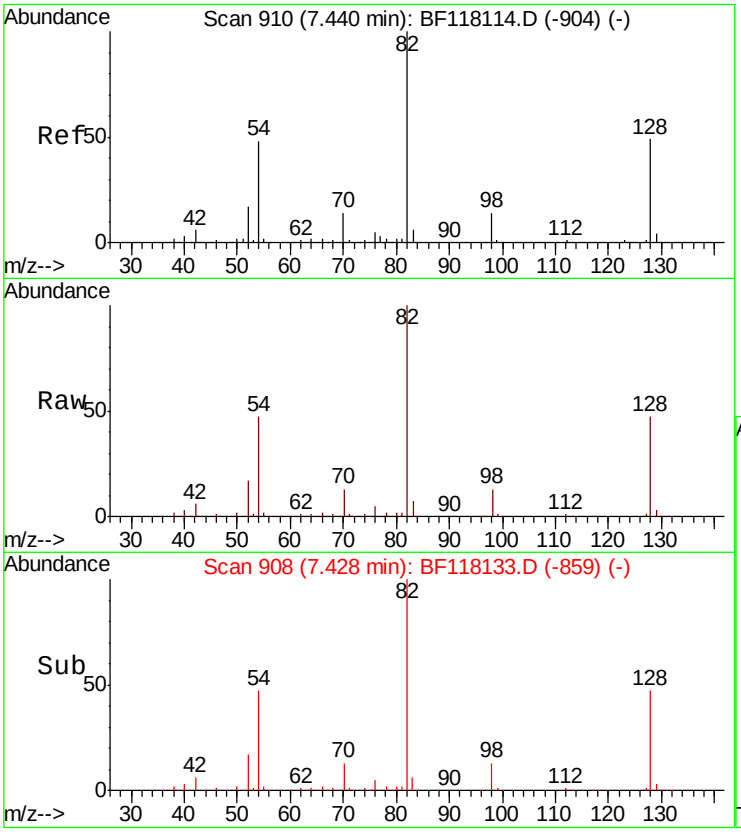


#22
Acetophenone
Concen: 0.217 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:105 Resp: 2528

Ion	Ratio	Lower	Upper
105	100		
71	28.1	4.7	7.1#
51	0.0	27.1	40.7#
120	0.0	17.8	26.6#



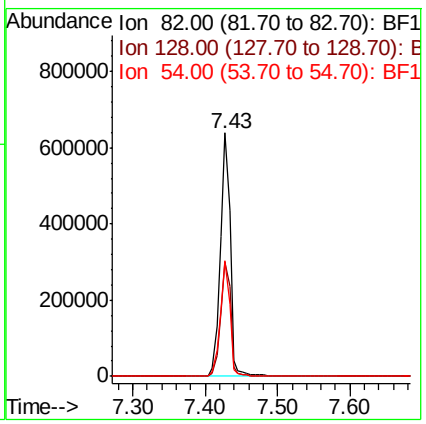


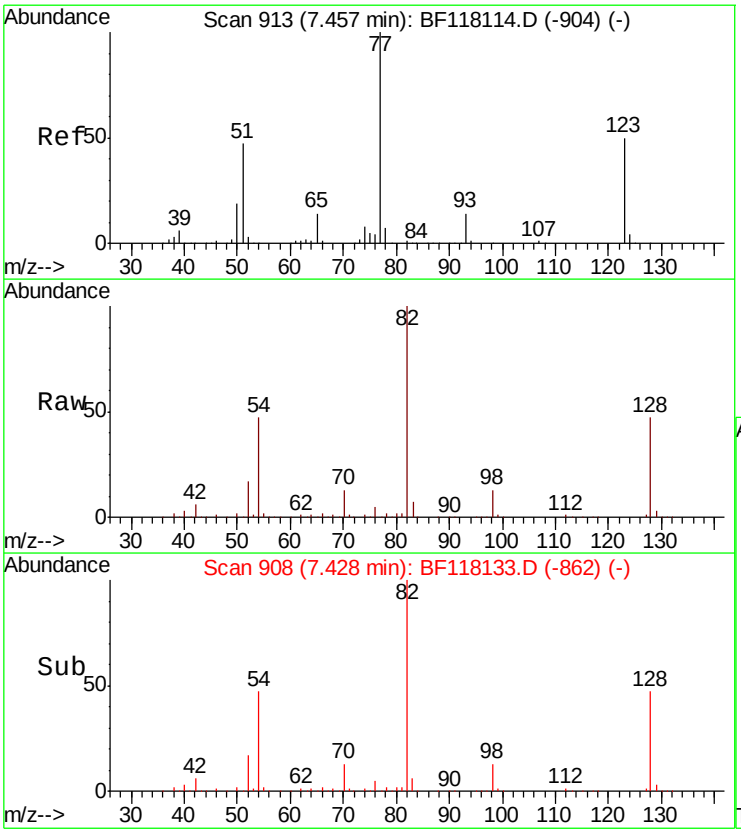
#23
Nitrobenzene-d5
Concen: 69.980 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 604006

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.1	58.7
54	47.2	38.2	57.2

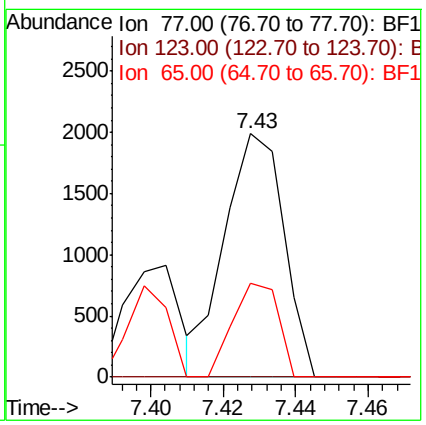


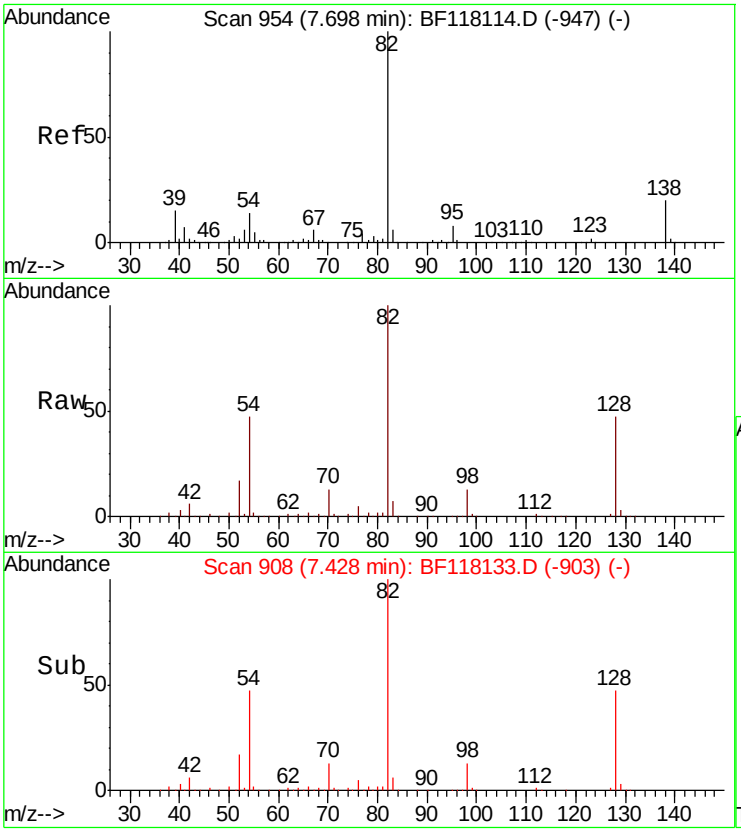


#24
Nitrobenzene
Concen: 0.265 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 77 Resp: 2247

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	38.5	10.9	16.3#



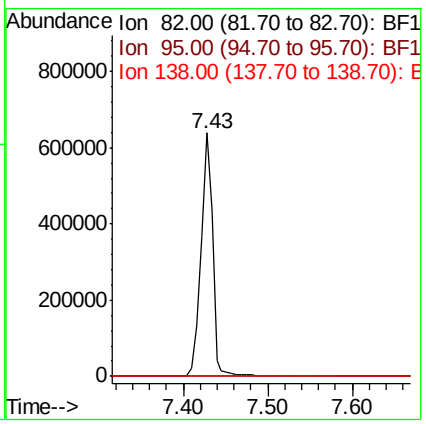


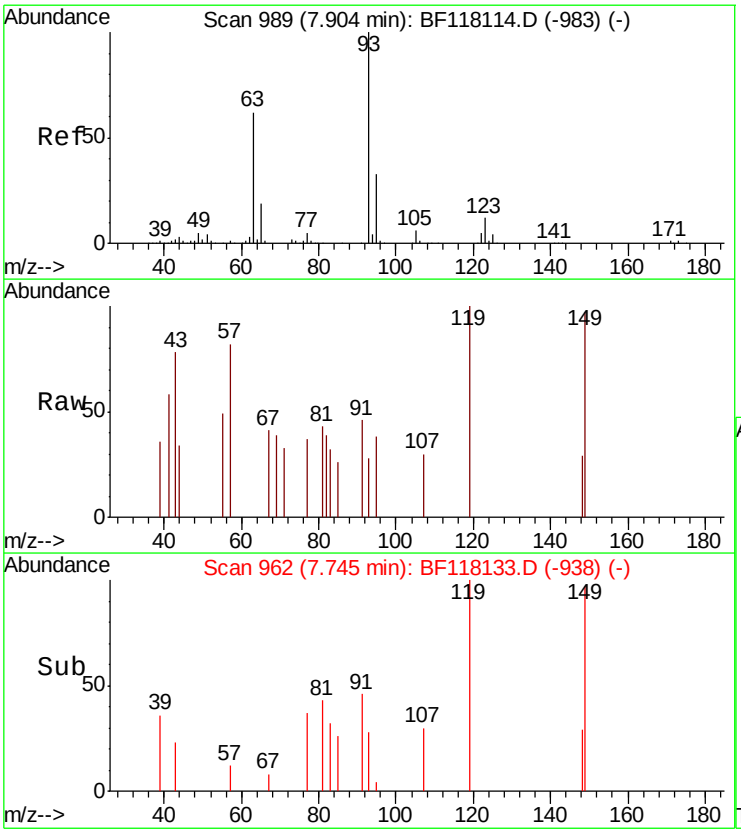
#25
Isophorone
Concen: 40.605 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 594125

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.3	9.5#
138	0.0	16.3	24.5#

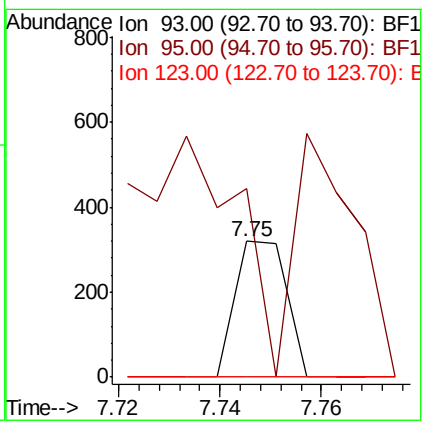


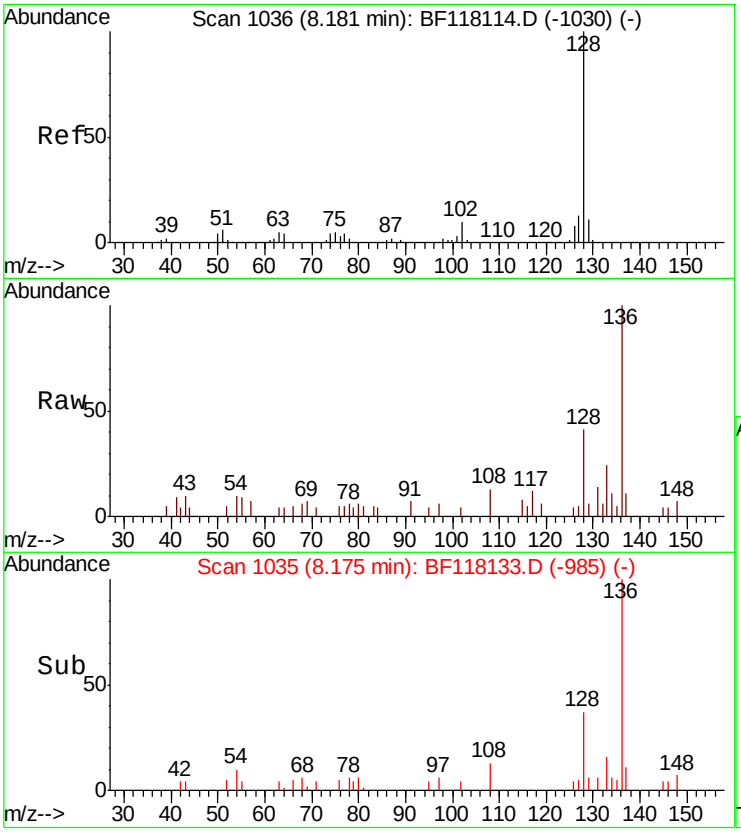


#28
bis(2-Chloroethoxy)methane
Concen: 0.023 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.16 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 93 Resp: 223

Ion	Ratio	Lower	Upper
93	100		
95	139.5	26.7	40.1#
123	0.0	10.0	15.0#



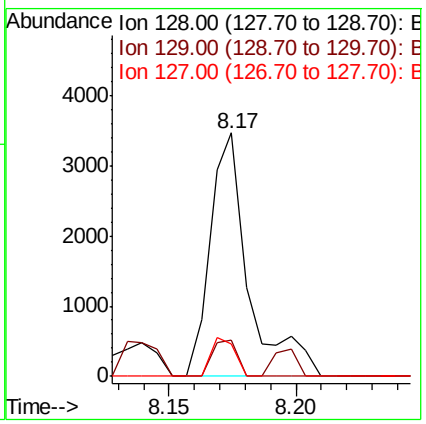


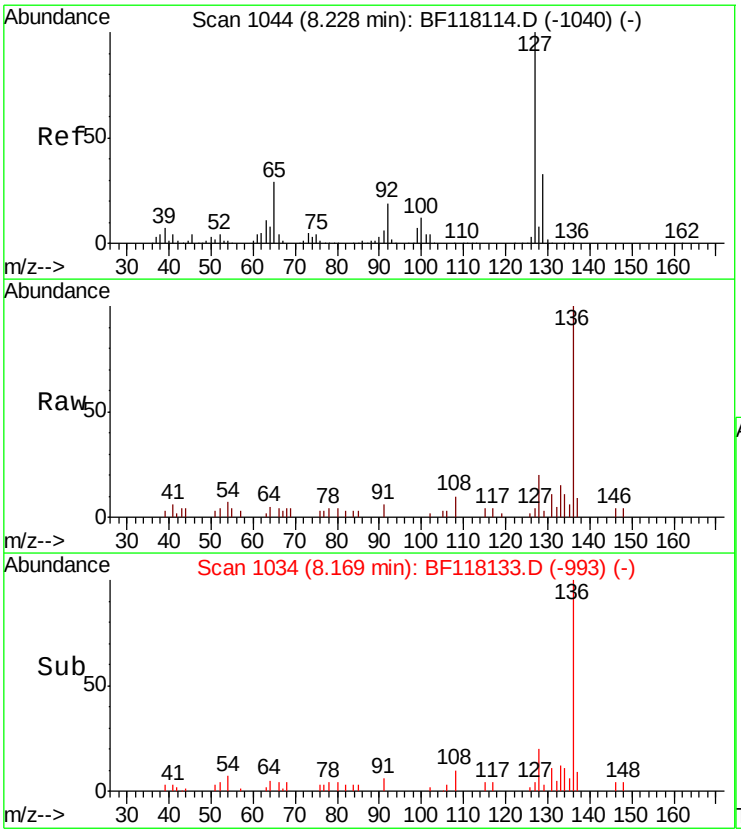
#31
Naphthalene
Concen: 0.149 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 3643

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.1	13.7#
127	13.1	10.6	16.0

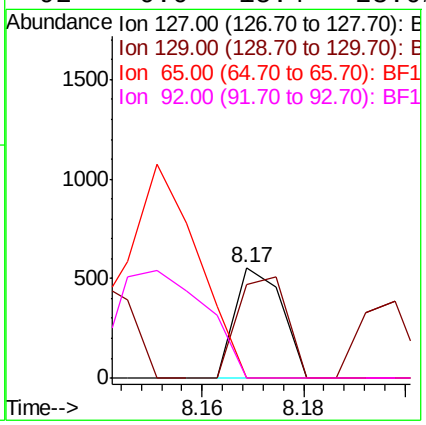


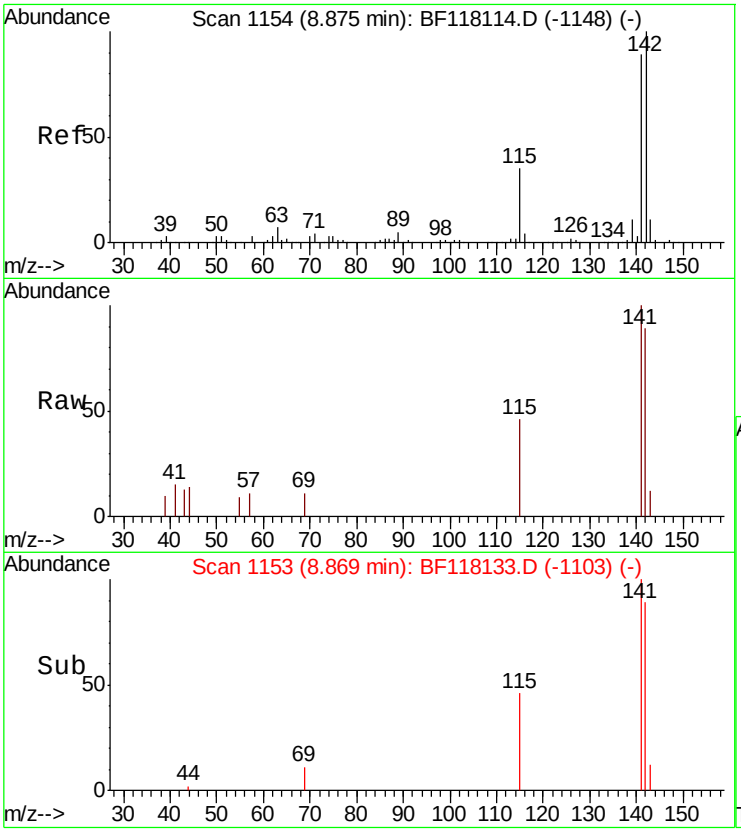


#33
4-Chloroaniline
Concen: 0.034 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:127 Resp: 357

Ion	Ratio	Lower	Upper
127	100		
129	85.2	26.6	40.0#
65	0.0	23.2	34.8#
92	0.0	15.4	23.0#



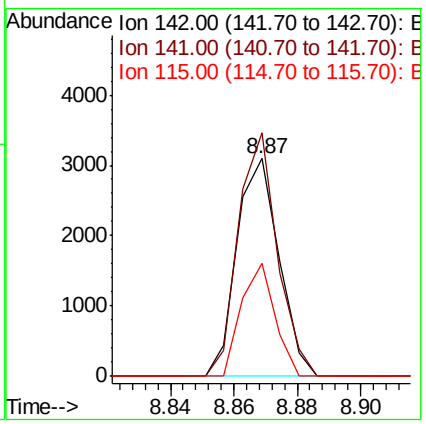


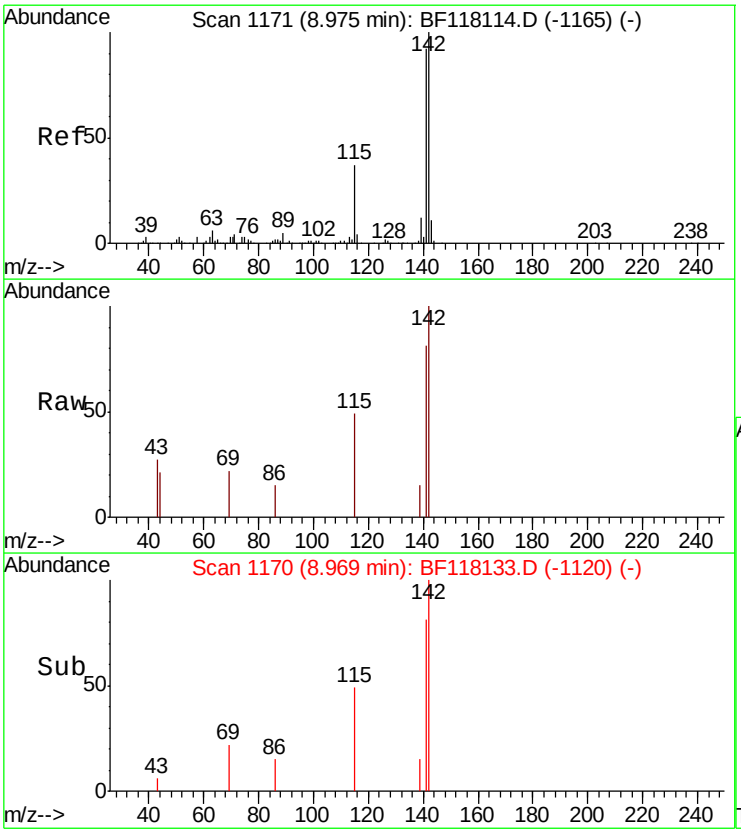
#37
2-Methylnaphthalene
Concen: 0.172 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 2841

Ion	Ratio	Lower	Upper
142	100		
141	111.9	71.4	107.0#
115	51.7	28.2	42.4#

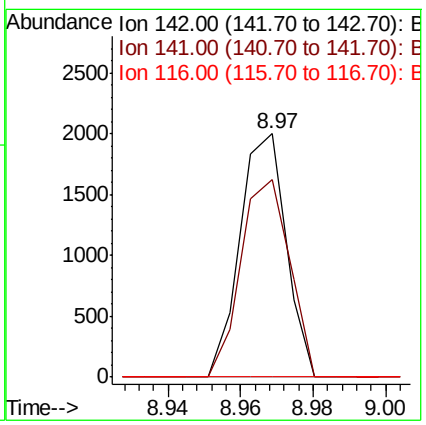


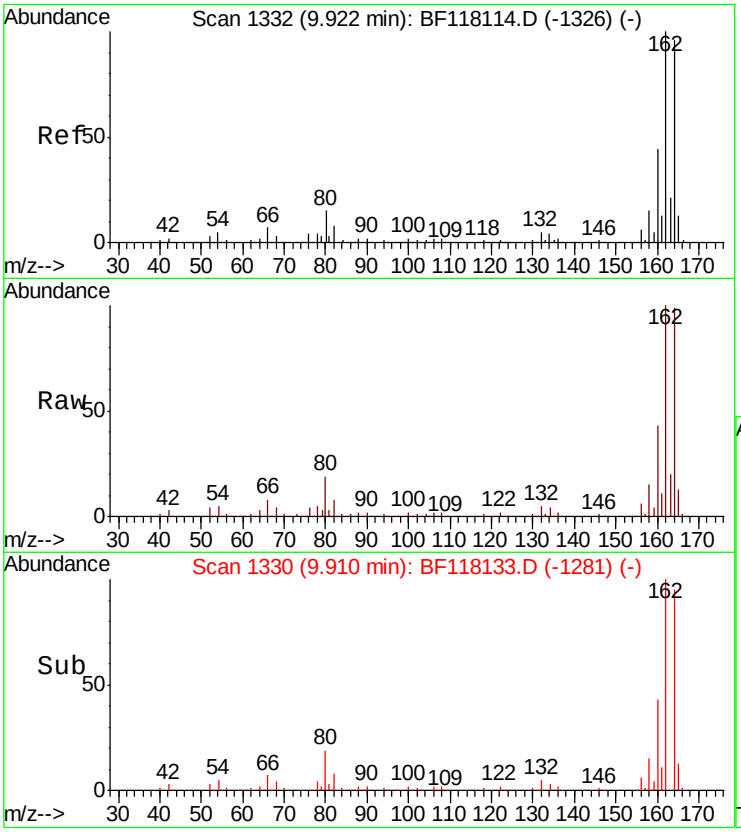


#38
1-Methylnaphthalene
Concen: 0.114 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:142 Resp: 1760

Ion	Ratio	Lower	Upper
142	100		
141	81.3	74.0	111.0
116	0.0	3.2	4.8#



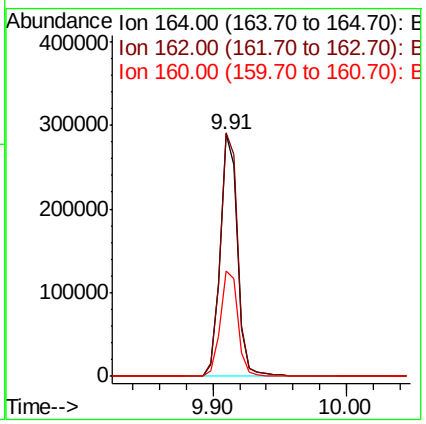


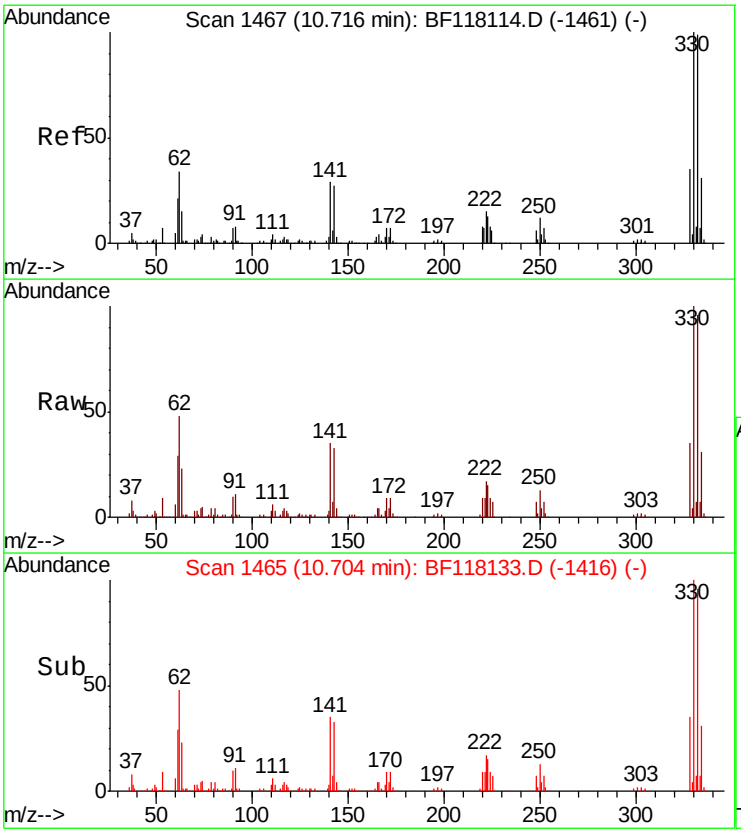
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 264758

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.4	125.0
160	43.6	36.6	54.8

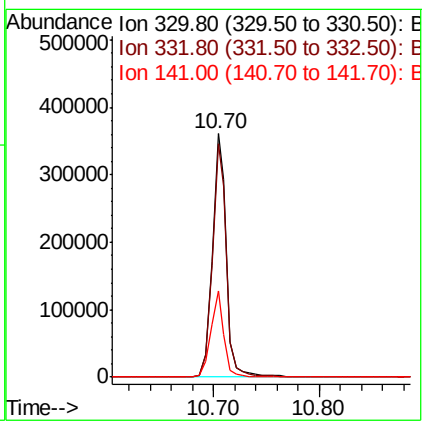


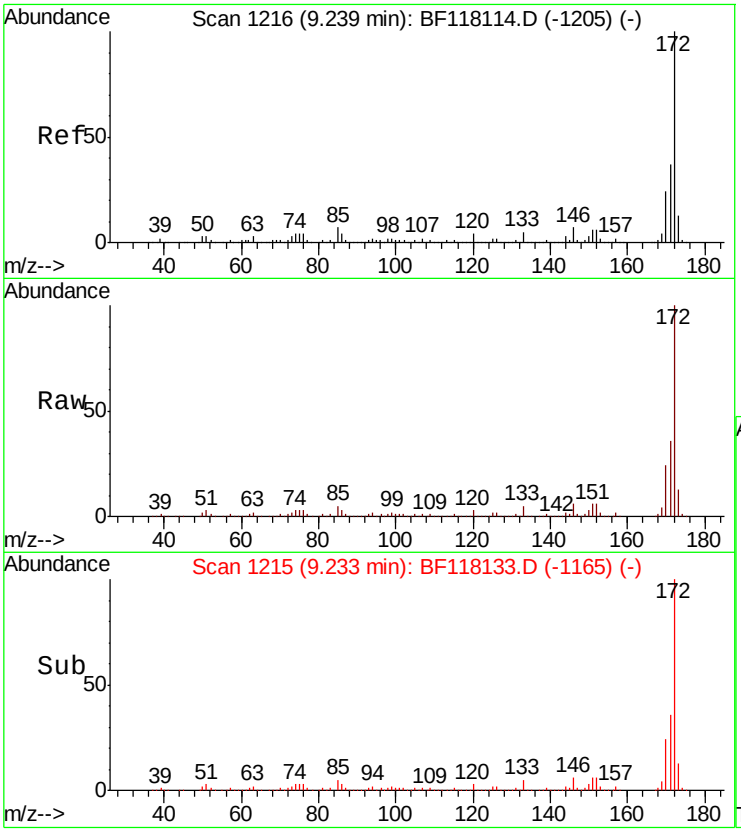


#42
2,4,6-Tribromophenol
Concen: 105.576 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:330 Resp: 339568

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	33.0	26.9	40.3



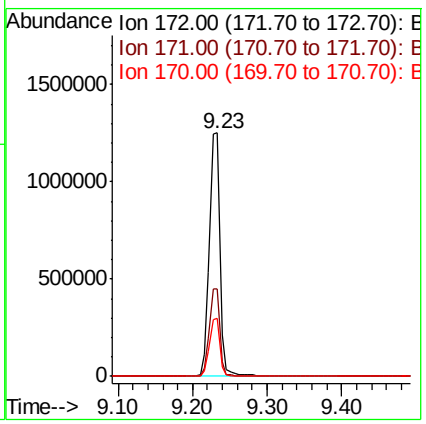


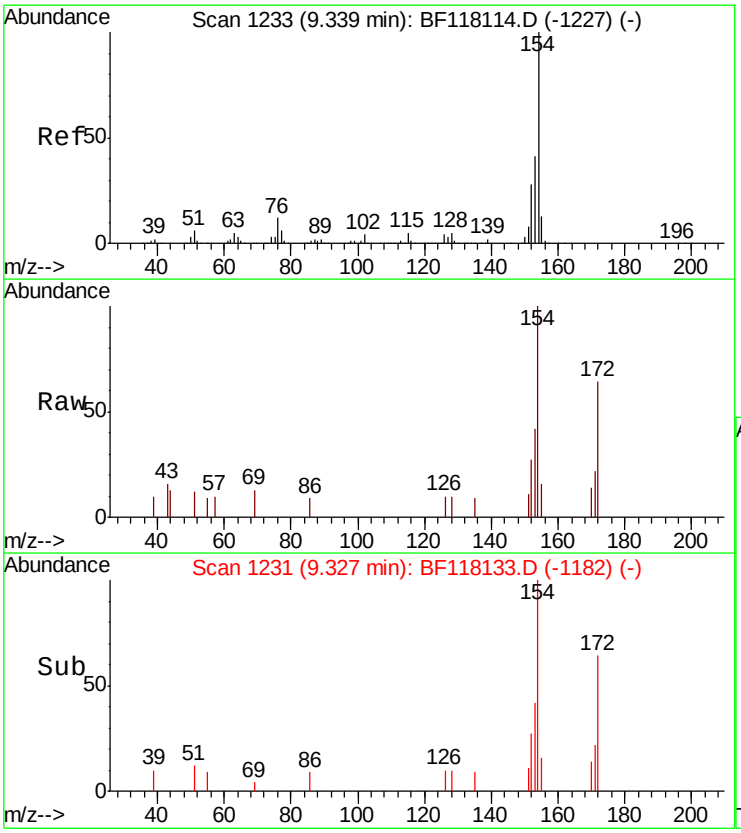
#45
2-Fluorobiphenyl
Concen: 71.315 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1240842

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.9	19.4	29.2

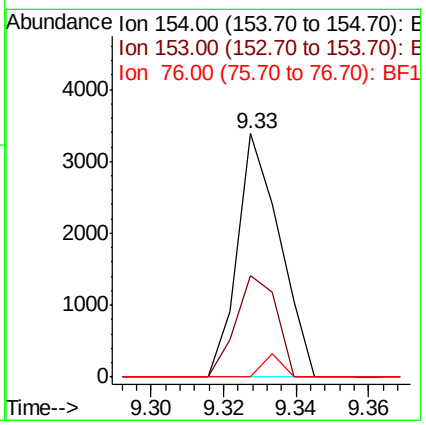


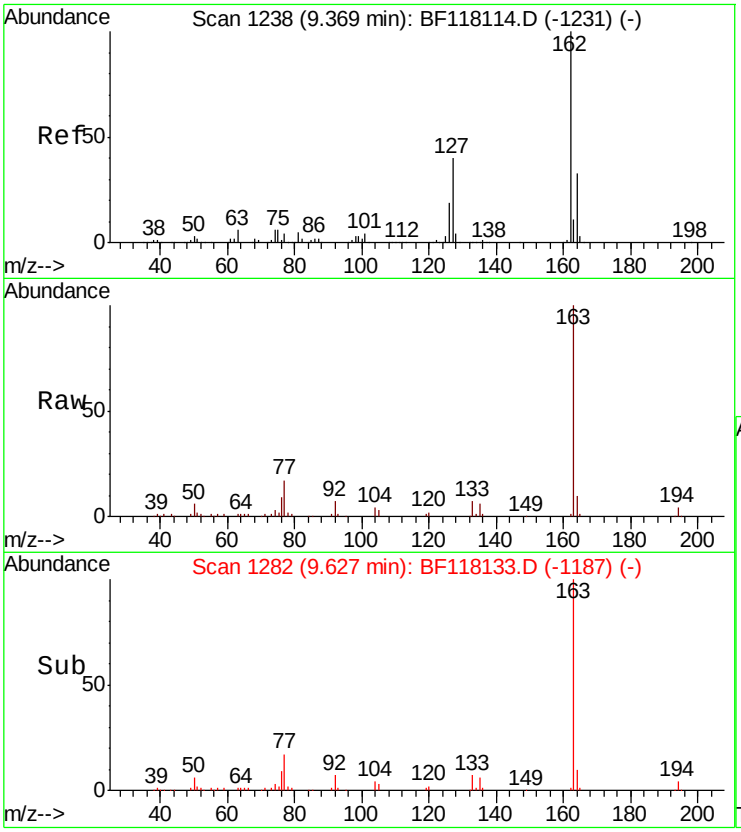


#46
1,1'-Biphenyl
Concen: 0.131 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:154 Resp: 2737

Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	0.0	0.0	31.9



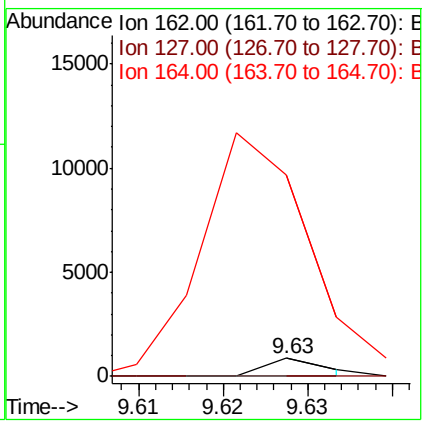


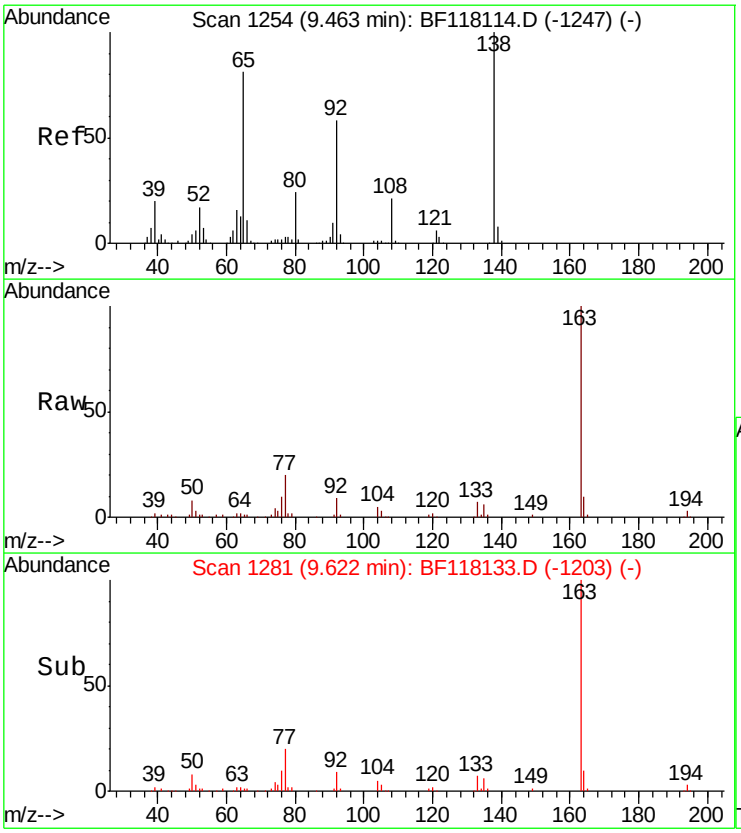
#47
2-Chloronaphthalene
Concen: 0.025 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.26 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 420

Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.0	48.0#
164	1111.6	26.1	39.1#

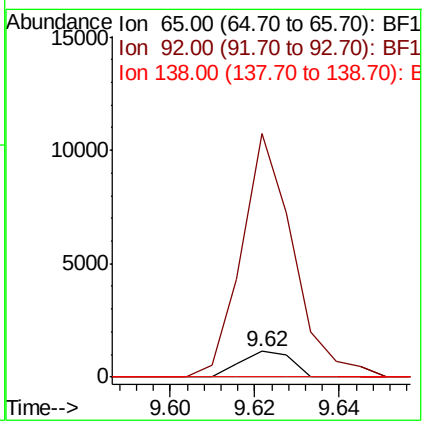


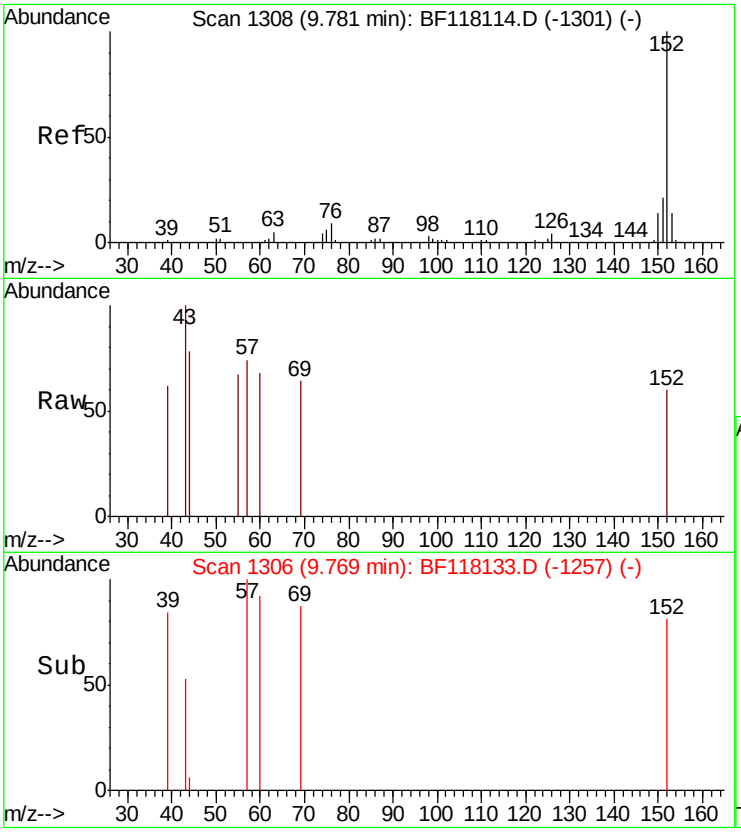


#48
2-Nitroaniline
Concen: 0.197 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion: 65 Resp: 946

Ion	Ratio	Lower	Upper
65	100		
92	943.4	57.8	86.6#
138	0.0	98.8	148.2#



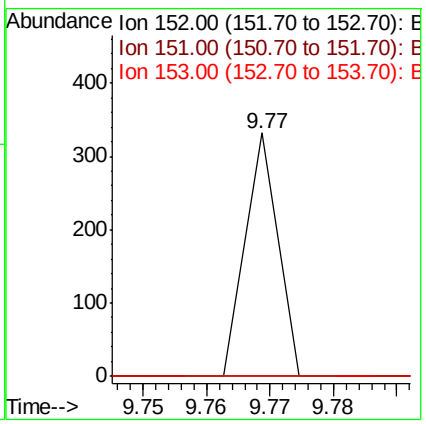


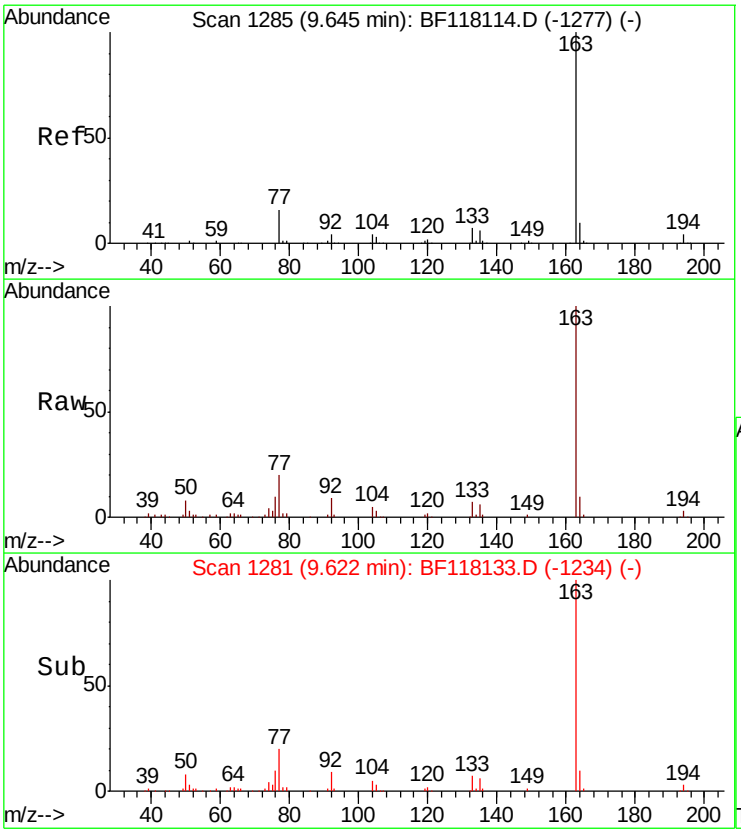
#49
Acenaphthylene
Concen: 0.005 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.4	24.6#
153	0.0	10.8	16.2#

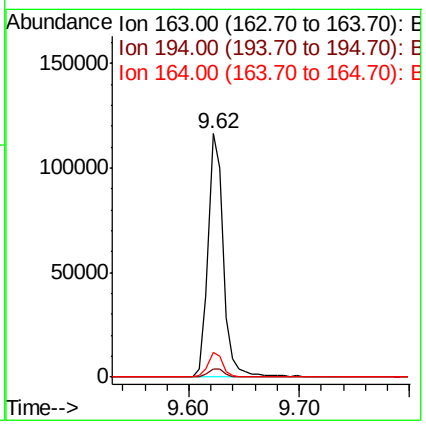


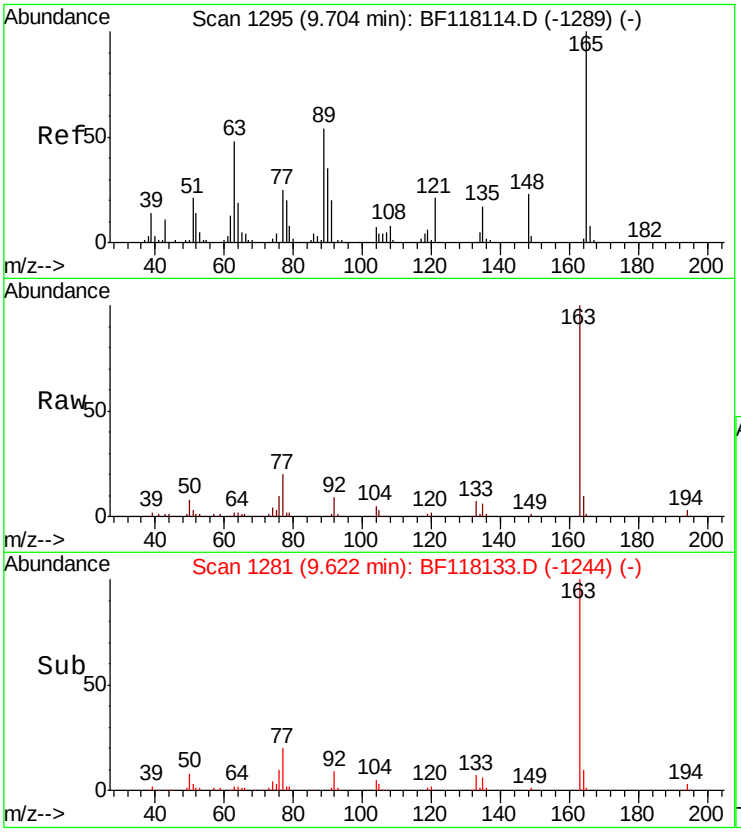


#50
Dimethylphthalate
Concen: 5.609 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:163 Resp: 109689

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.0	7.7	11.5



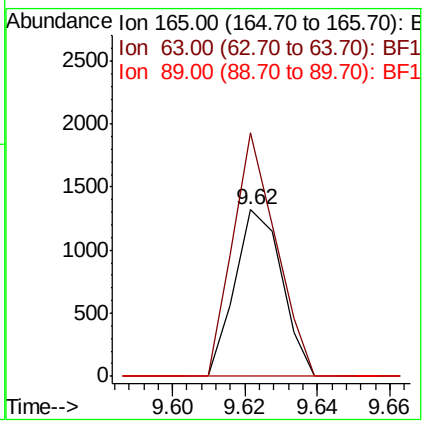


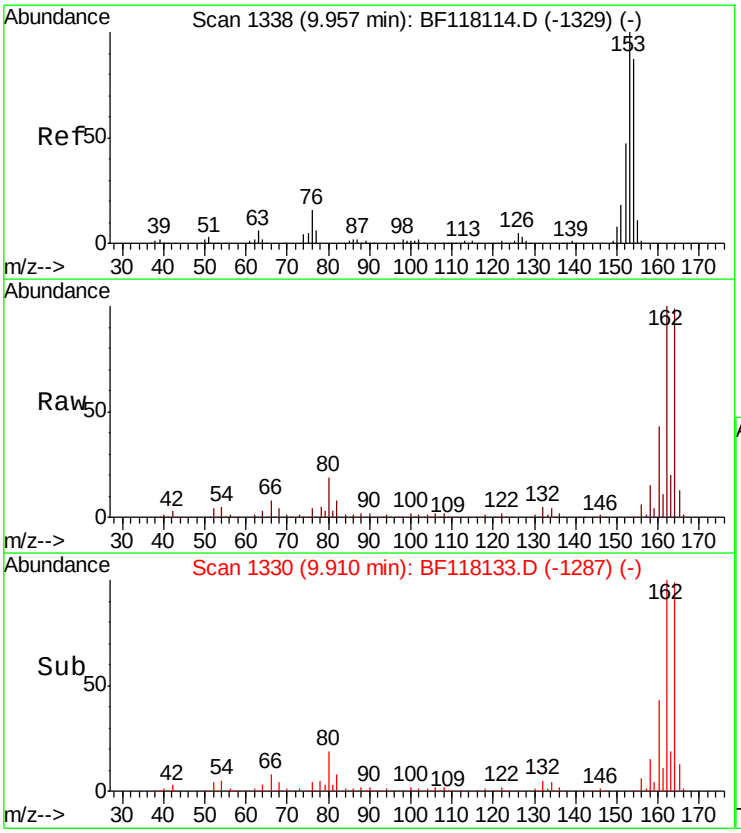
#51
2,6-Dinitrotoluene
Concen: 0.281 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.08 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1194

Ion	Ratio	Lower	Upper
165	100		
63	146.0	41.4	62.0#
89	0.0	42.9	64.3#

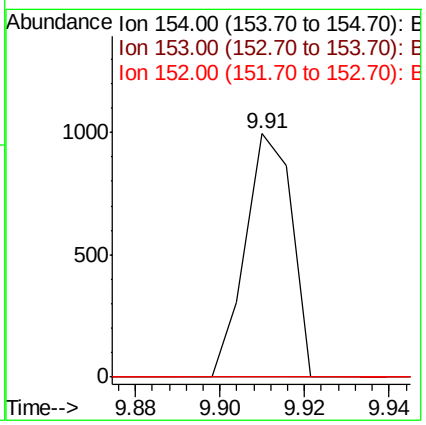


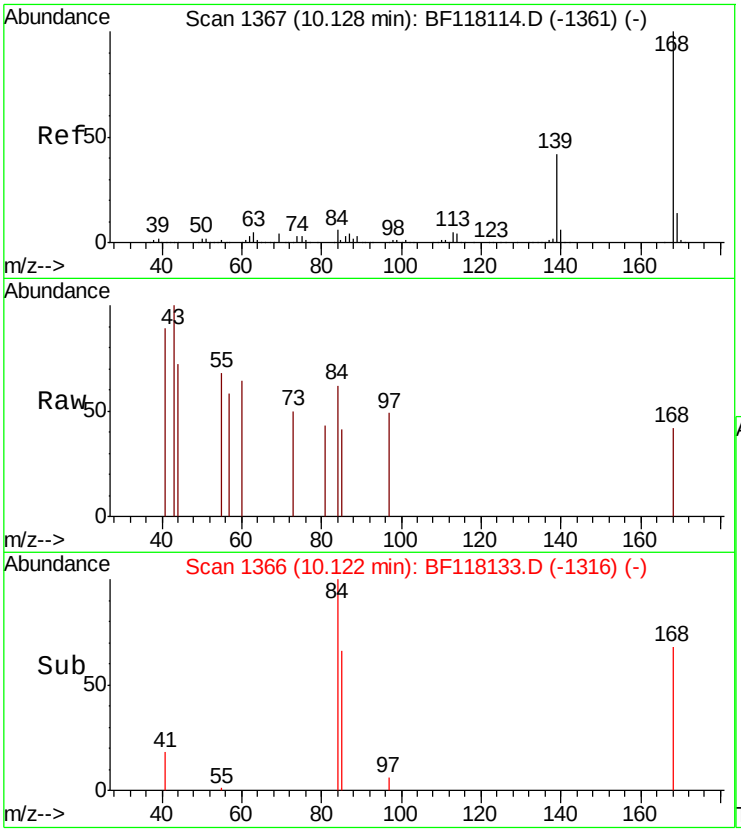


#52
Acenaphthene
Concen: 0.051 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:154 Resp: 765

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.8	137.6#
152	0.0	43.3	64.9#



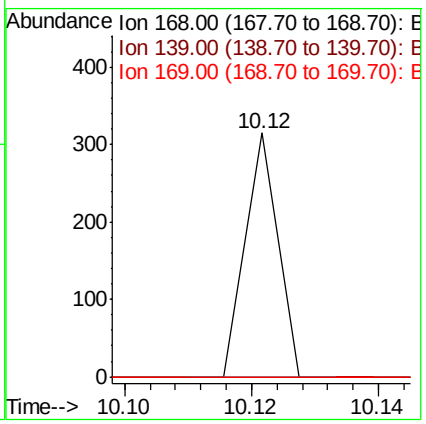


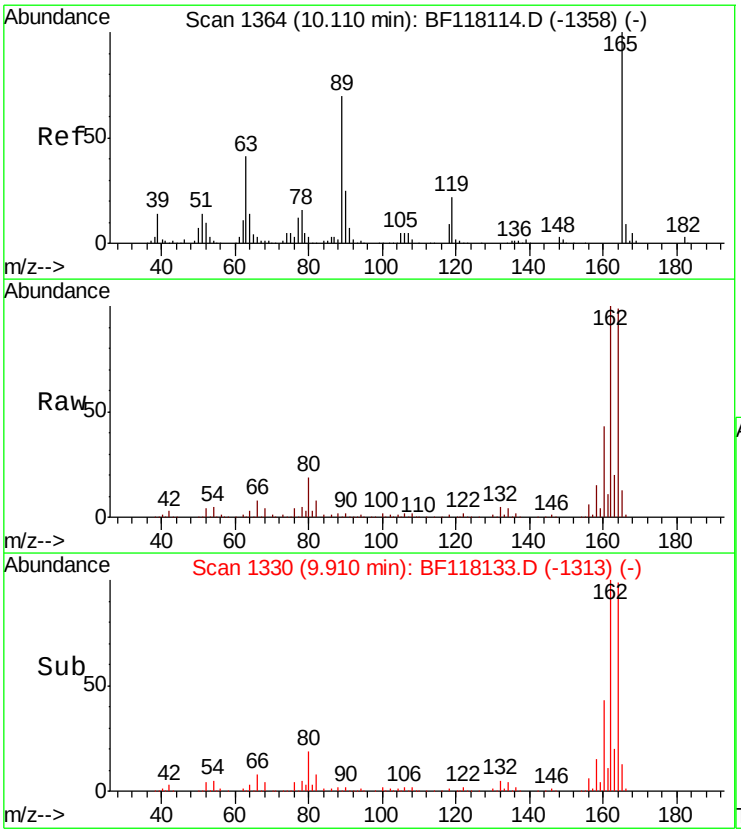
#55
Dibenzofuran
Concen: 0.005 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 111

Ion	Ratio	Lower	Upper
168	100		
139	0.0	33.4	50.0#
169	0.0	11.0	16.6#

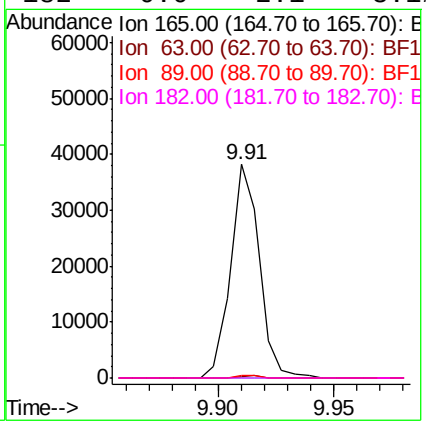


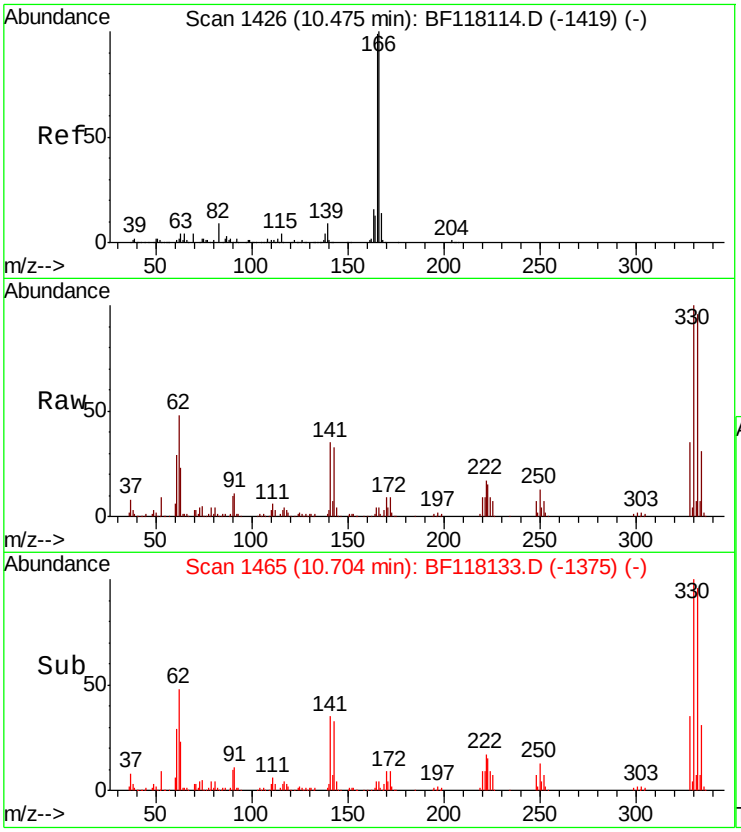


#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:165 Resp: 33033

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.6	49.0#
89	1.0	56.1	84.1#
182	0.0	2.1	3.1#



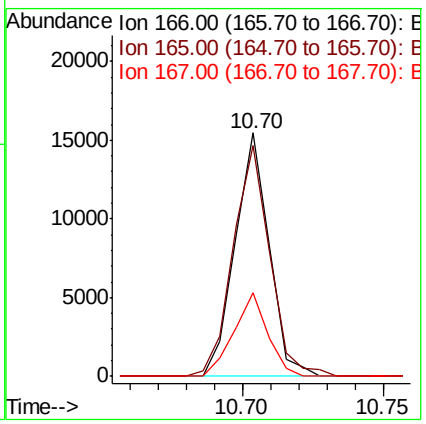


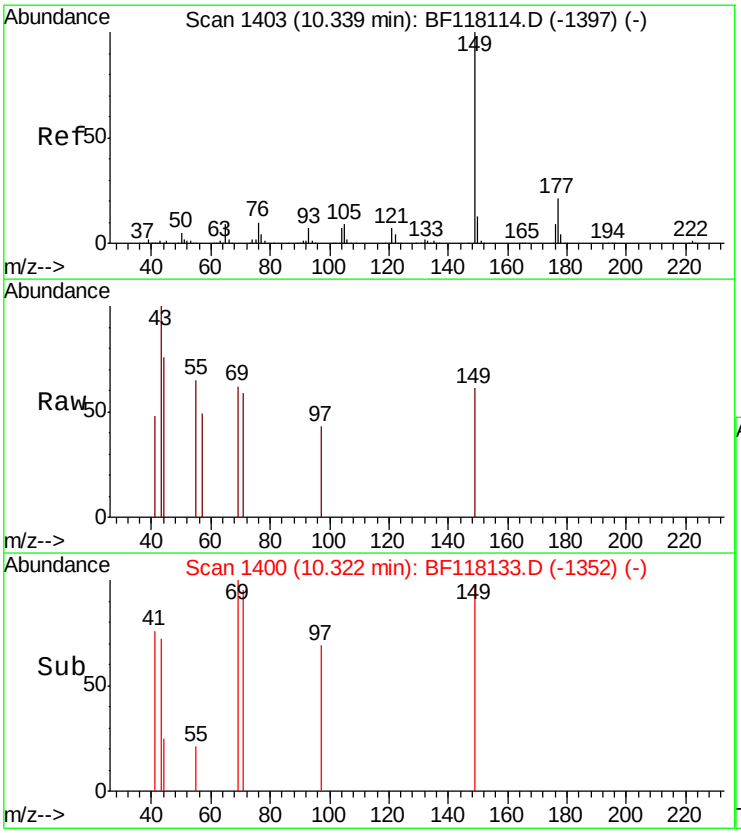
#58
Fluorene
Concen: 0.733 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.23 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 12908

Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.0	118.4
167	34.4	10.9	16.3#

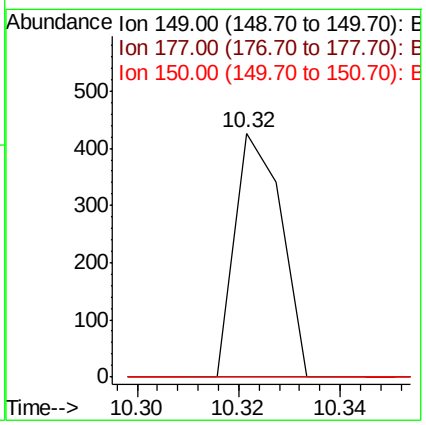


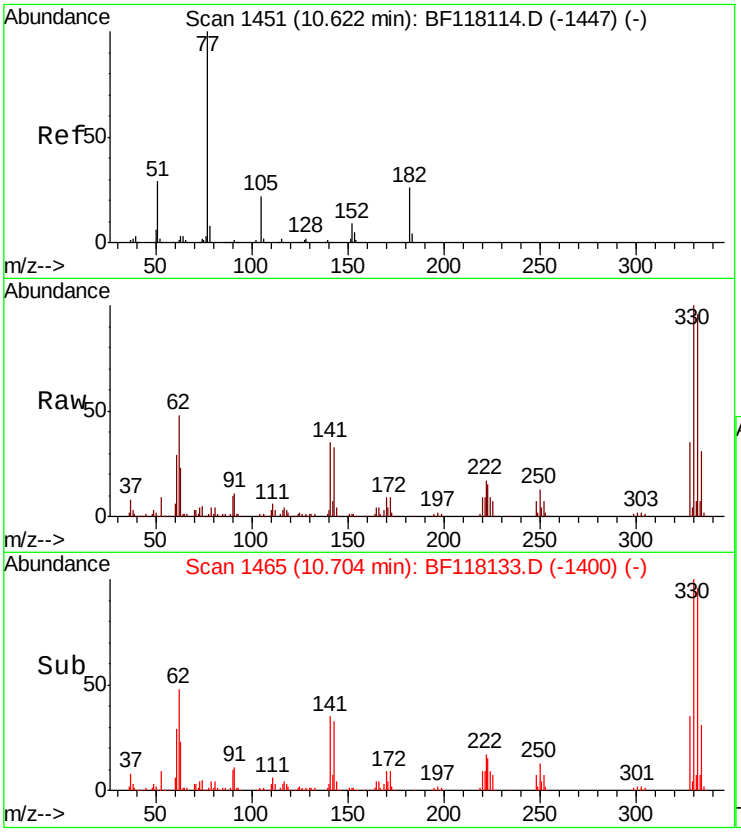


#60
Diethylphthalate
Concen: 0.014 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:149 Resp: 270

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



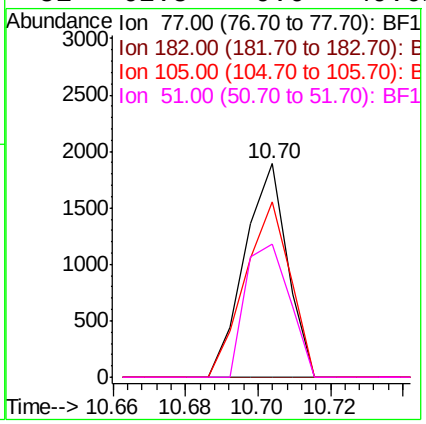


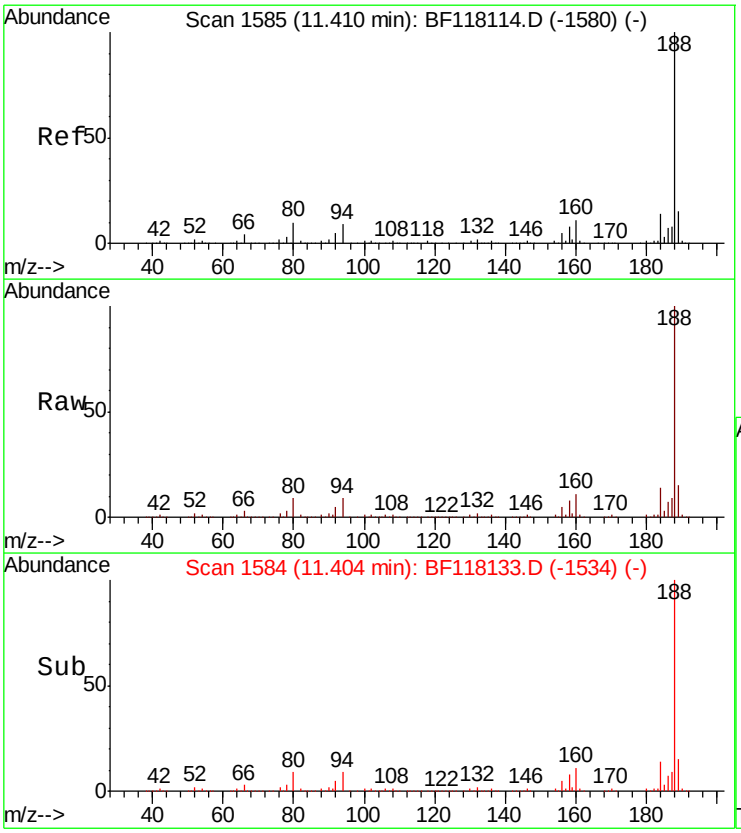
#63
Azobenzene
Concen: 0.095 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.08 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1560

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.7	45.7#
105	82.3	2.2	42.2#
51	62.5	9.6	49.6#

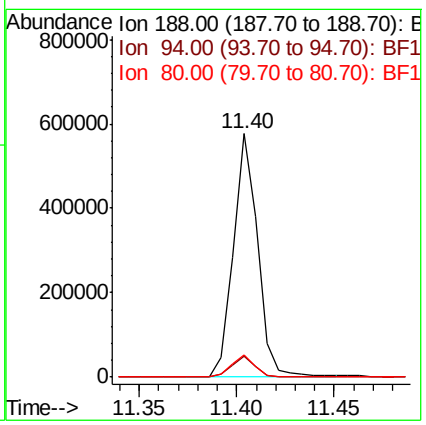


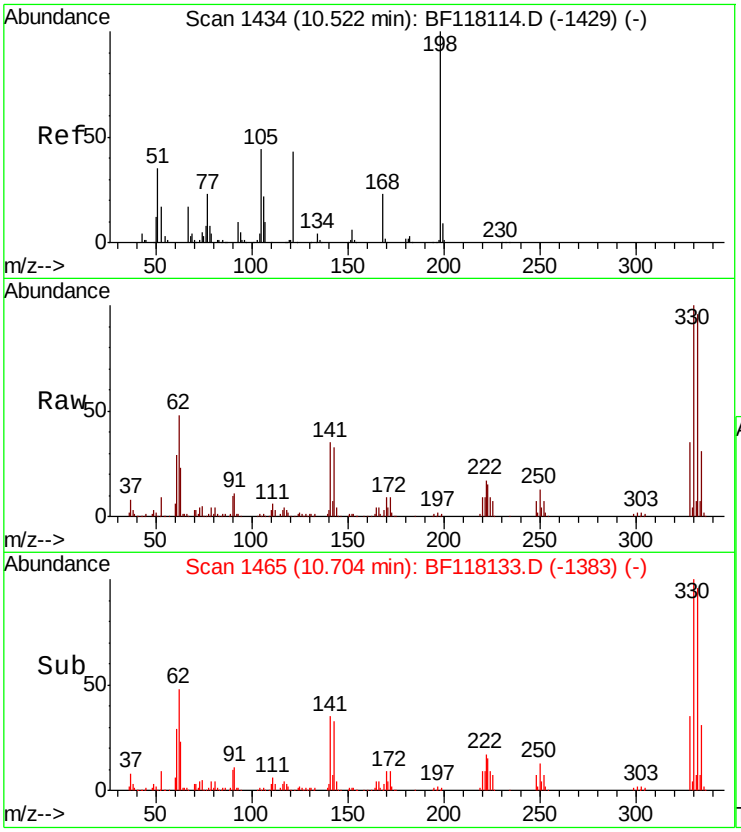


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:188 Resp: 498101

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	8.9	7.9	11.9



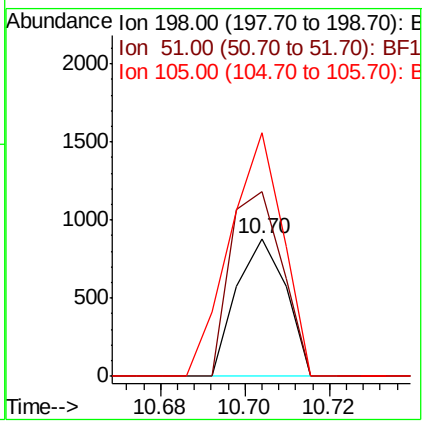


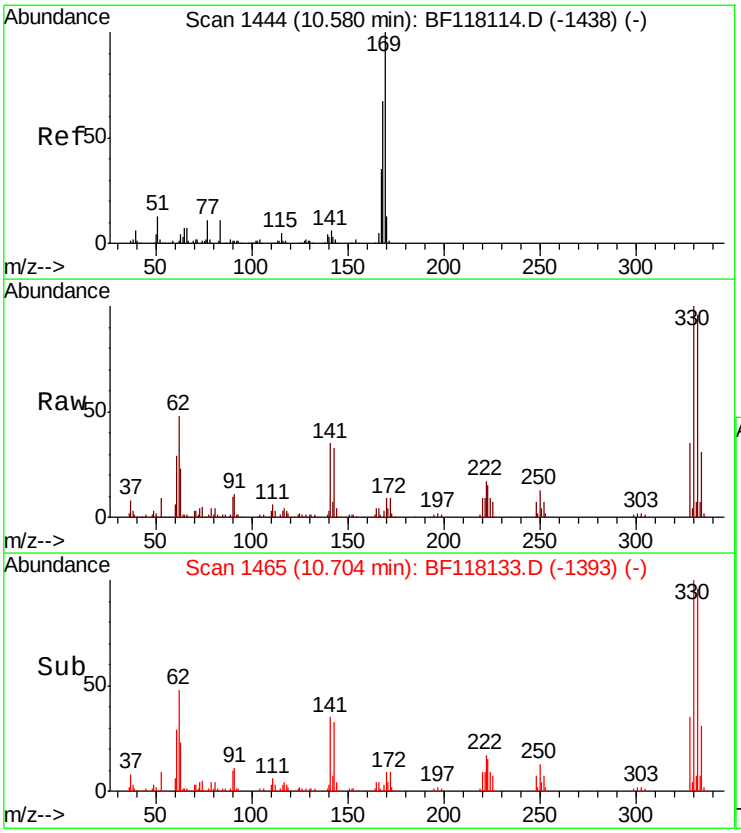
#65
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 718

Ion	Ratio	Lower	Upper
198	100		
51	134.6	22.0	62.0#
105	177.2	25.6	65.6#

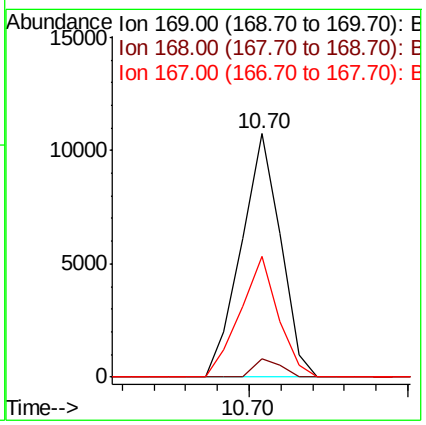


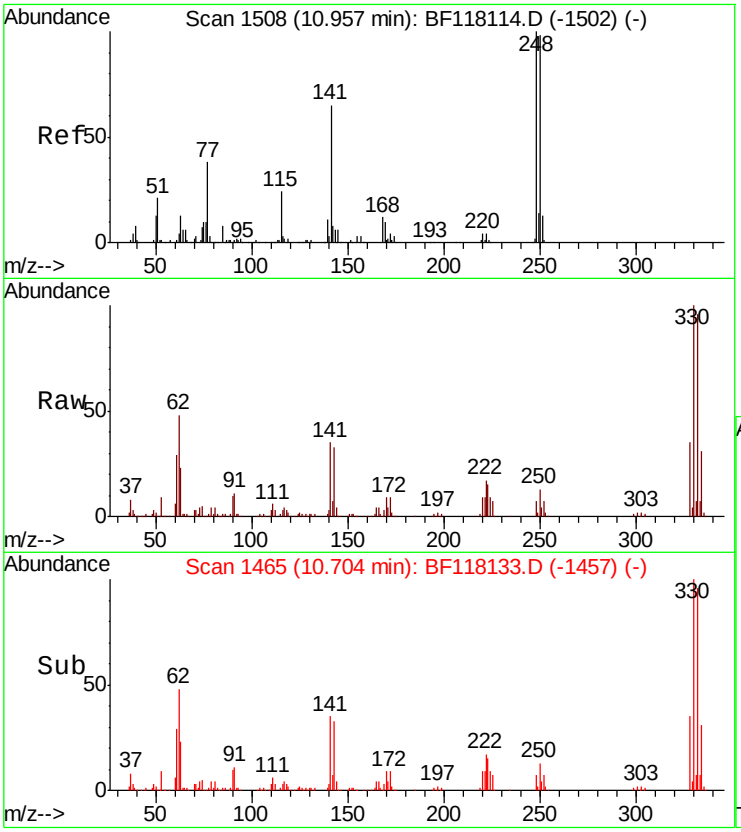


#66
n-Nitrosodiphenylamine
Concen: 0.593 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.12 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:169 Resp: 9225

Ion	Ratio	Lower	Upper
169	100		
168	7.7	53.4	80.2#
167	49.5	28.4	42.6#



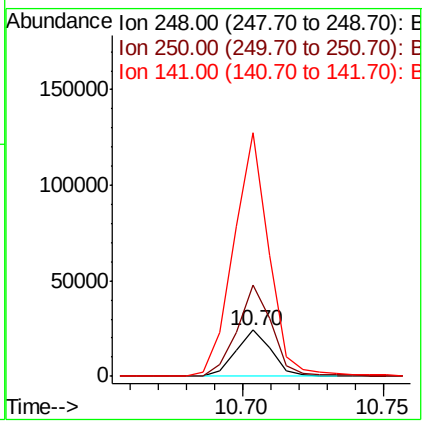


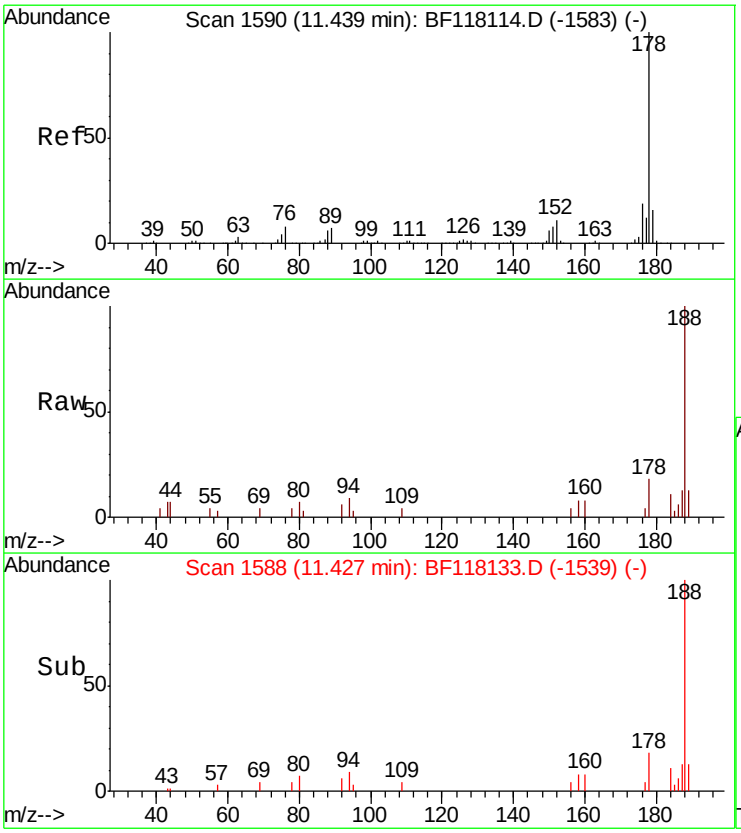
#67
4-Bromophenyl-phenylether
Concen: 3.666 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20847

Ion	Ratio	Lower	Upper
248	100		
250	197.2	78.3	117.5#
141	527.7	52.2	78.4#

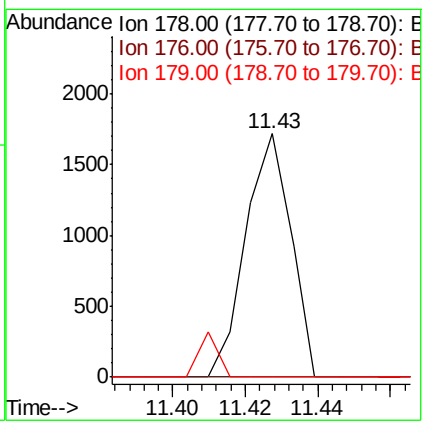


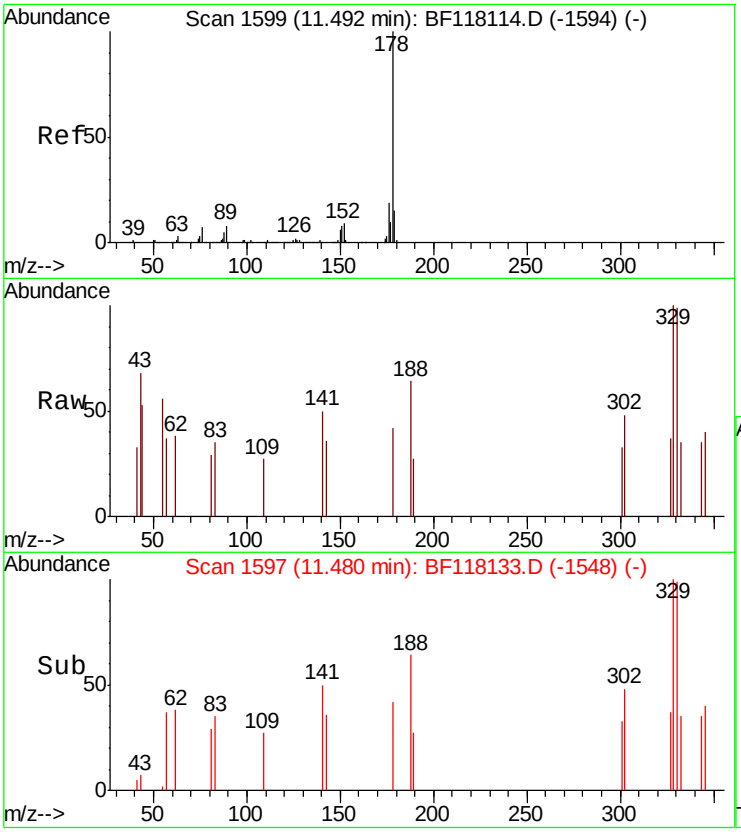


#71
Phenanthrene
Concen: 0.056 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:178 Resp: 1482

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	12.6	18.8#



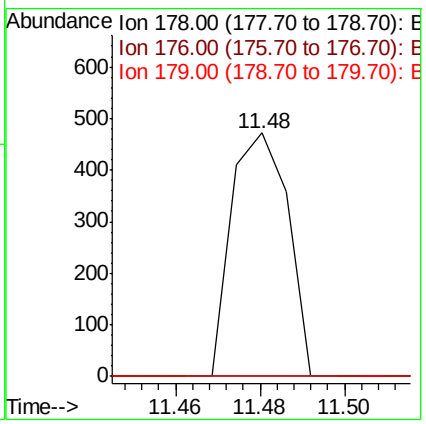


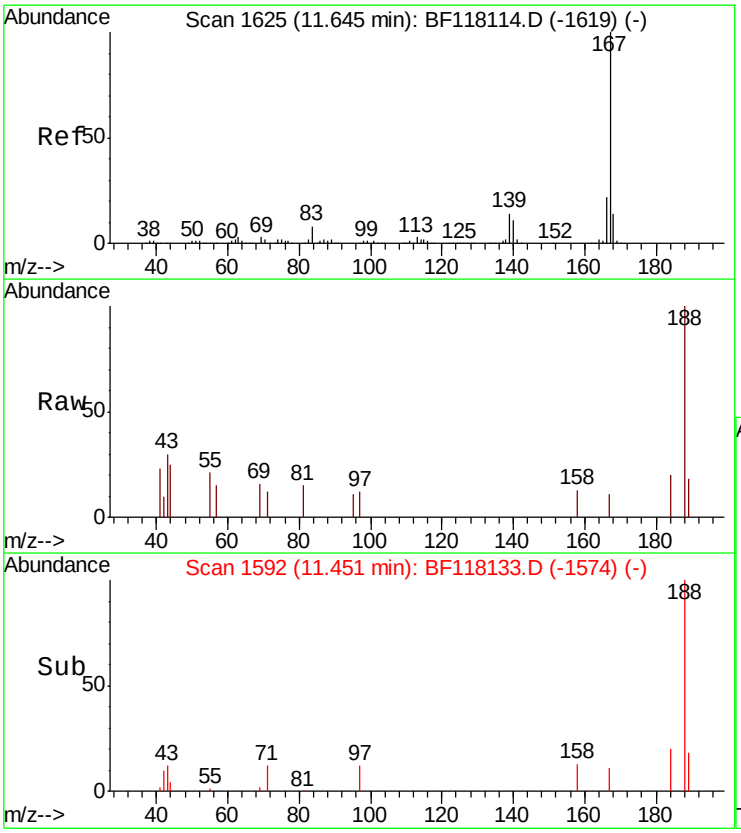
#72
Anthracene
Concen: 0.017 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 438

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.6#
179	0.0	12.2	18.4#

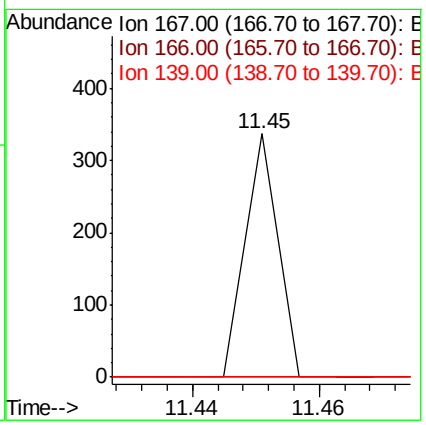


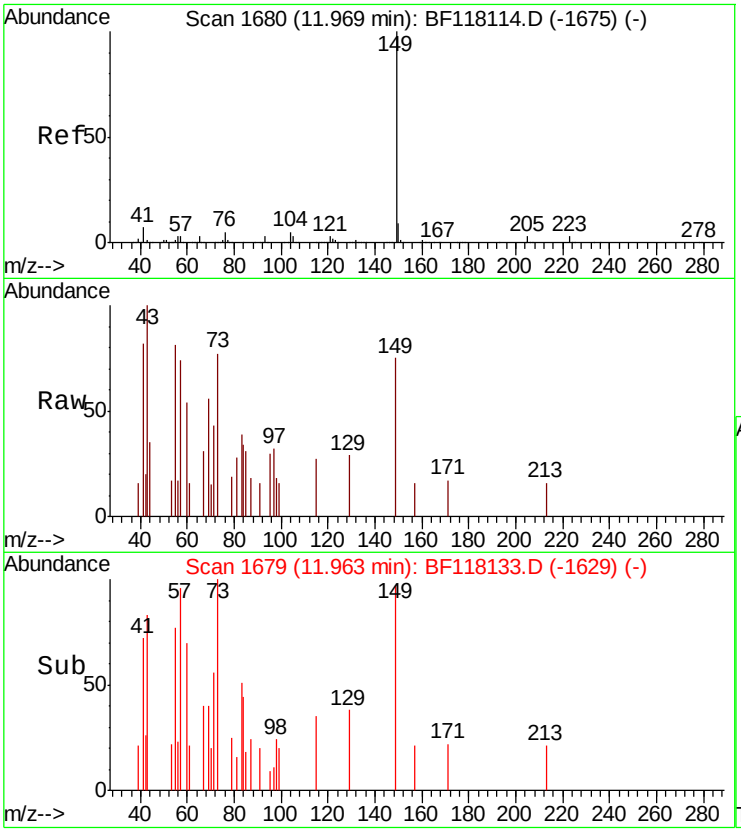


#73
Carbazole
Concen: 0.005 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.19 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:167 Resp: 119

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	0.0	11.4	17.0#



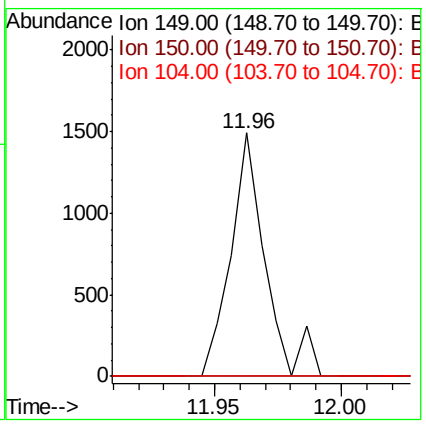


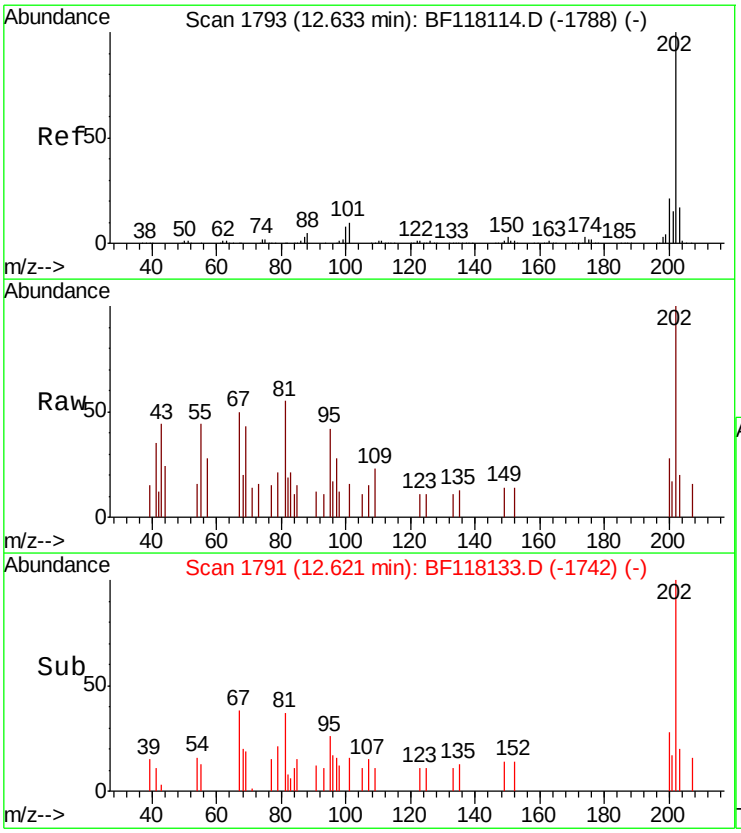
#74
Di-n-butylphthalate
Concen: 0.048 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1417

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	4.3	6.5#

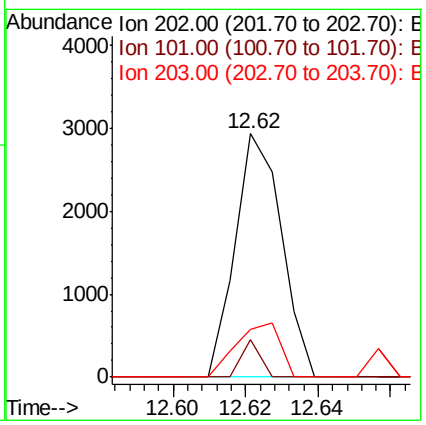


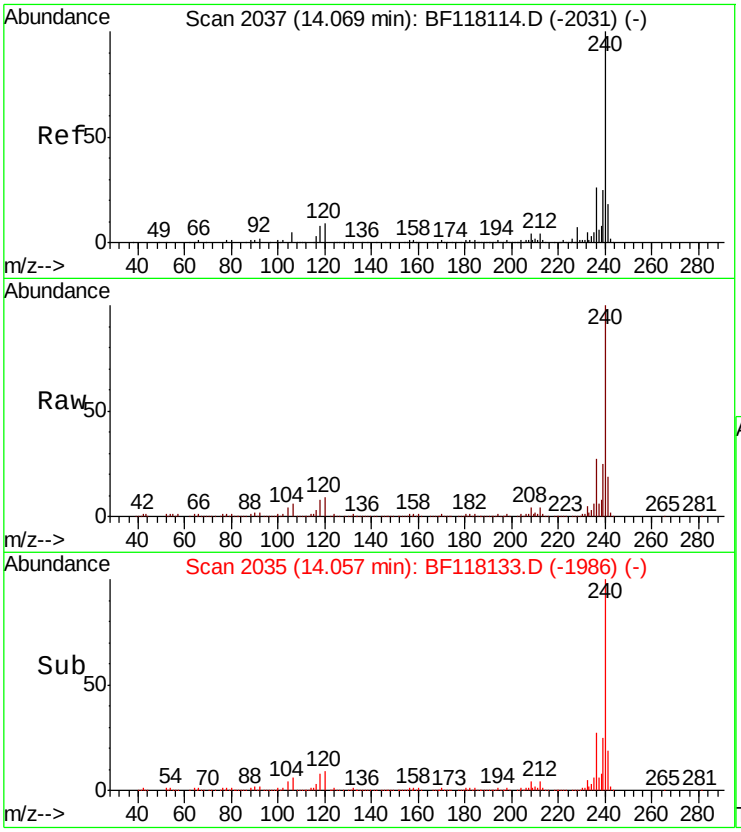


#75
Fluoranthene
Concen: 0.096 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:202 Resp: 2599

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	30.4
203	19.6	0.0	37.2



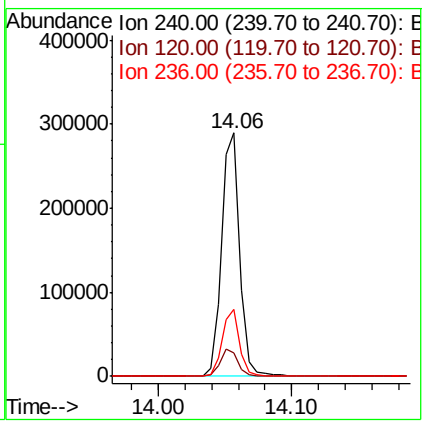


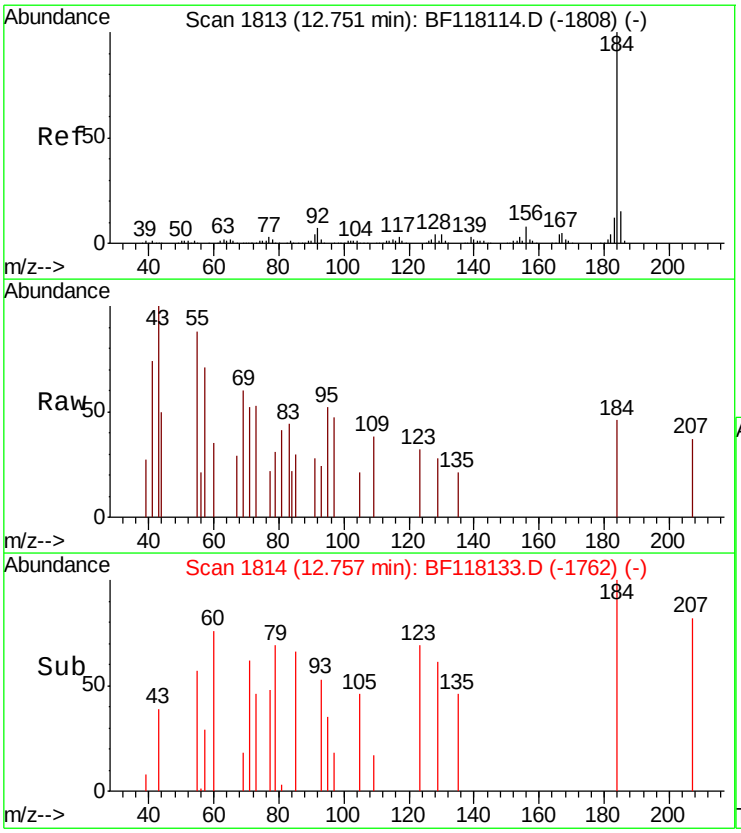
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 277101

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.1	10.7
236	27.3	21.0	31.6

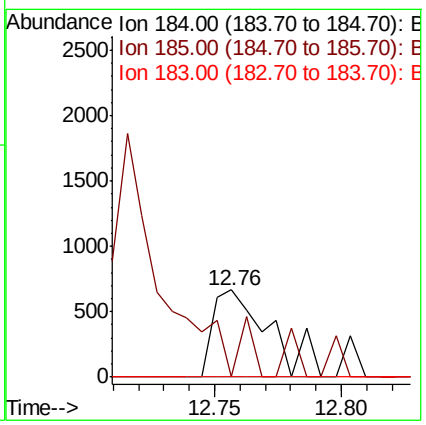


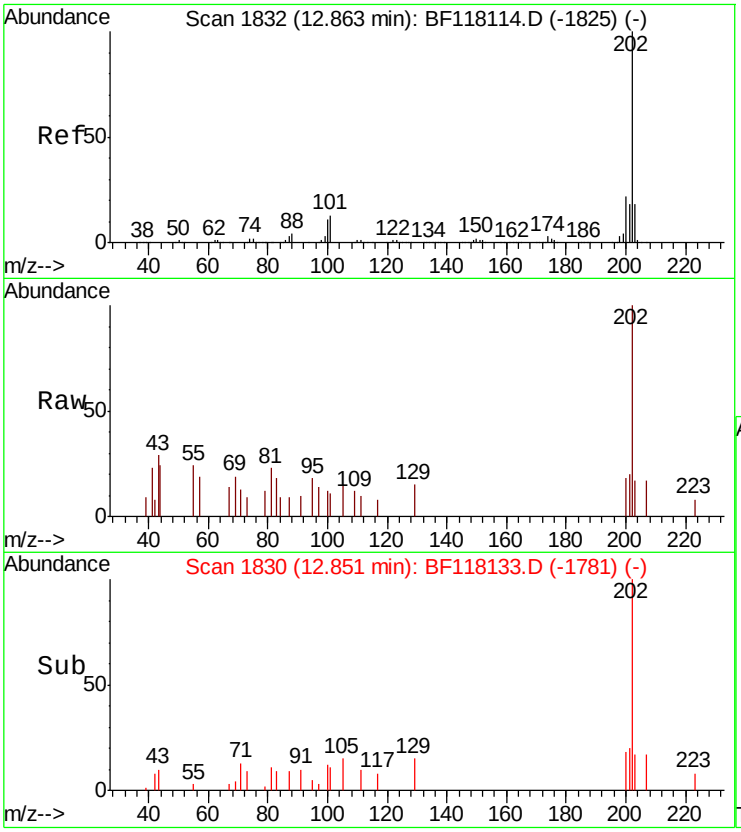


#77
Benzidine
Concen: 0.142 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:184 Resp: 1039

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.3	18.5#
183	0.0	9.9	14.9#



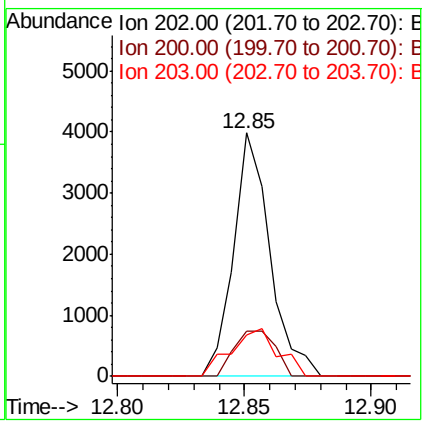


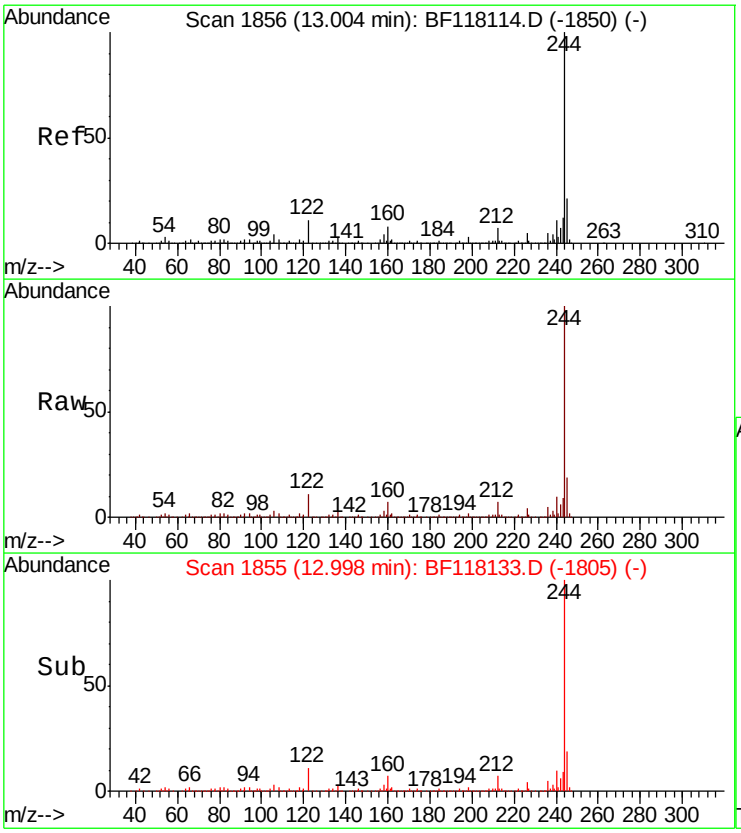
#78
Pyrene
Concen: 0.182 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3979

Ion	Ratio	Lower	Upper
202	100		
200	18.5	17.5	26.3
203	16.9	14.6	21.8

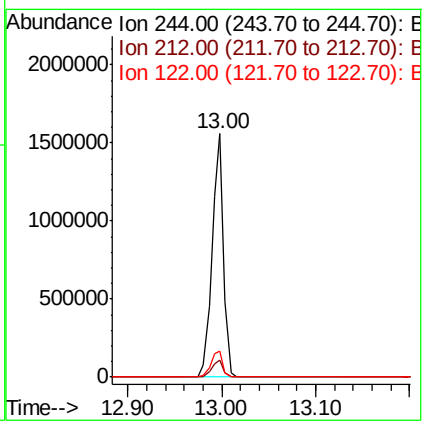


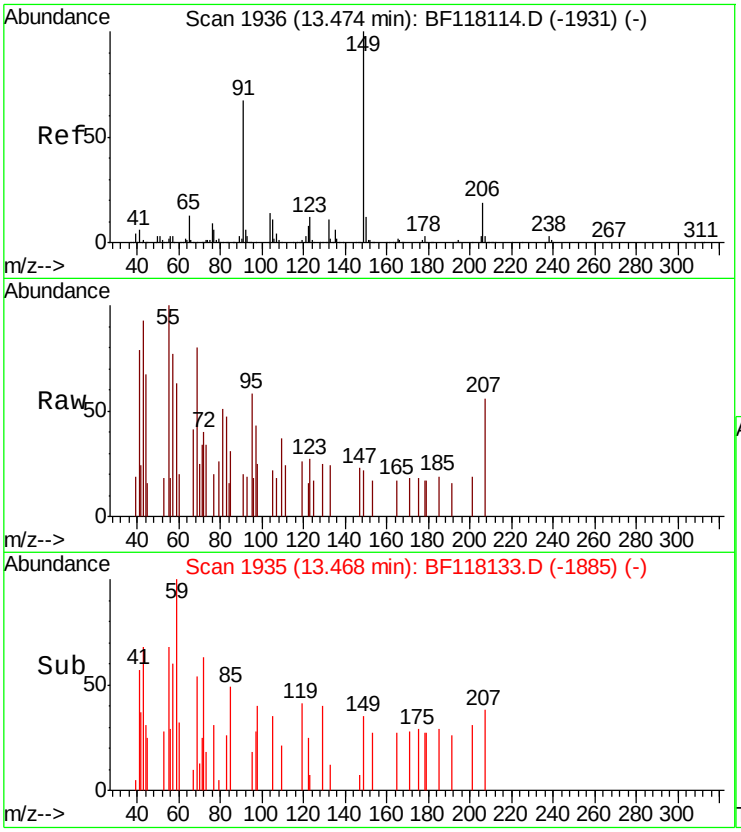


#79
Terphenyl-d14
Concen: 82.960 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:244 Resp: 1336817

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.6	9.0	13.6



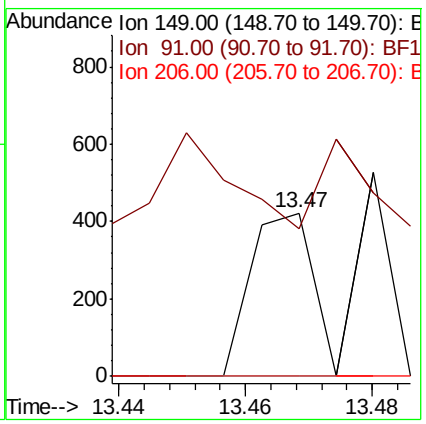


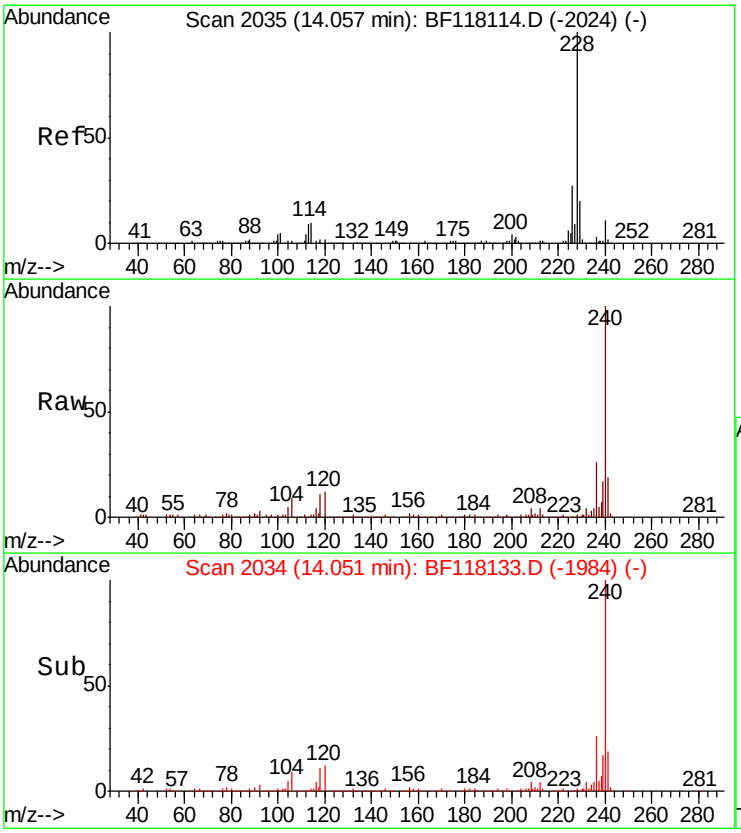
#80
Butylbenzylphthalate
Concen: 0.029 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 287

Ion	Ratio	Lower	Upper
149	100		
91	90.3	53.9	80.9#
206	0.0	15.2	22.8#

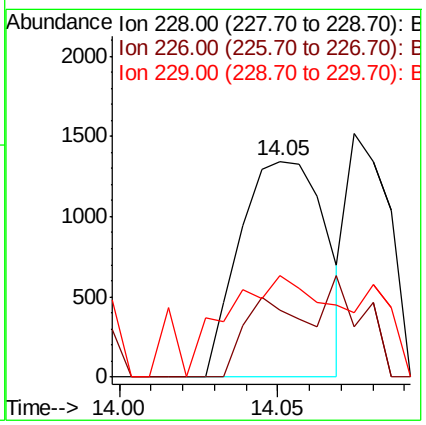


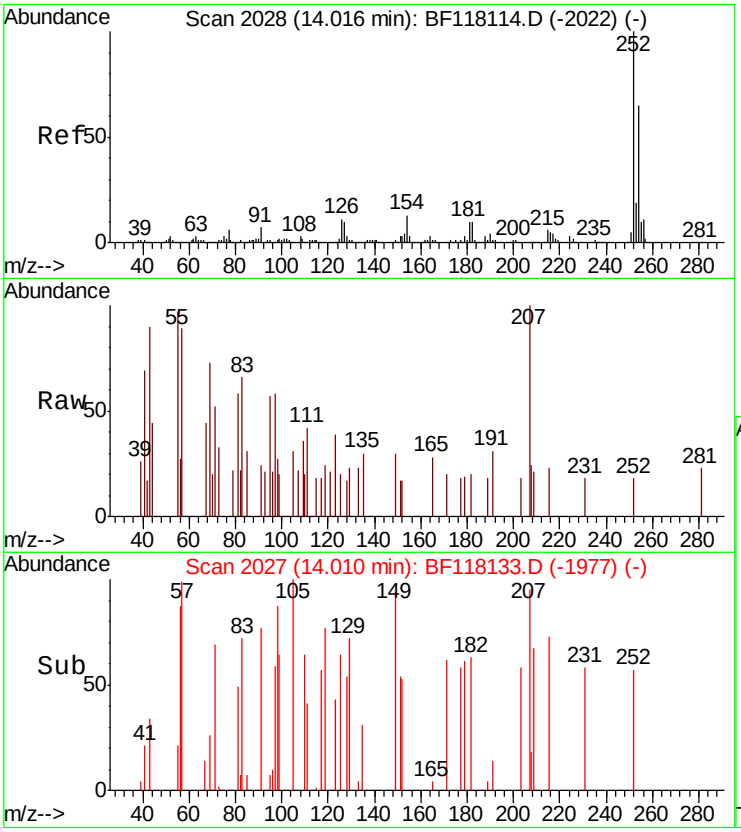


#81
Benzo(a)anthracene
Concen: 0.133 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:228 Resp: 2541

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.8	32.8
229	46.8	15.8	23.8#



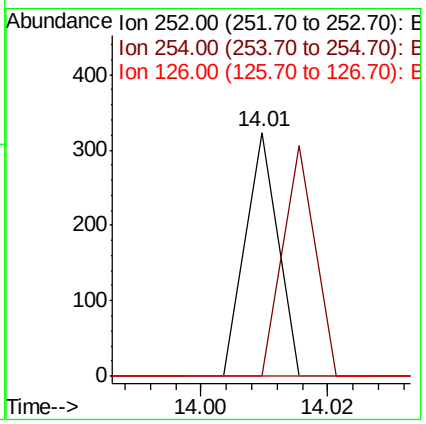


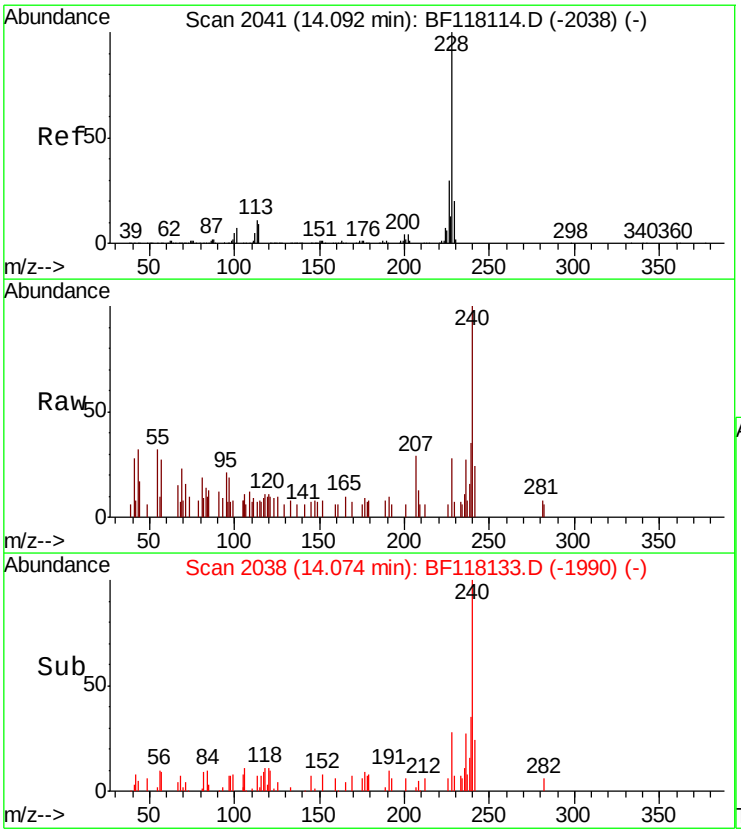
#82
3,3'-Dichlorobenzidine
Concen: 0.018 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114

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

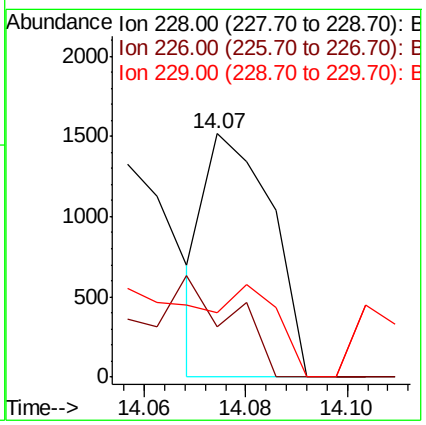


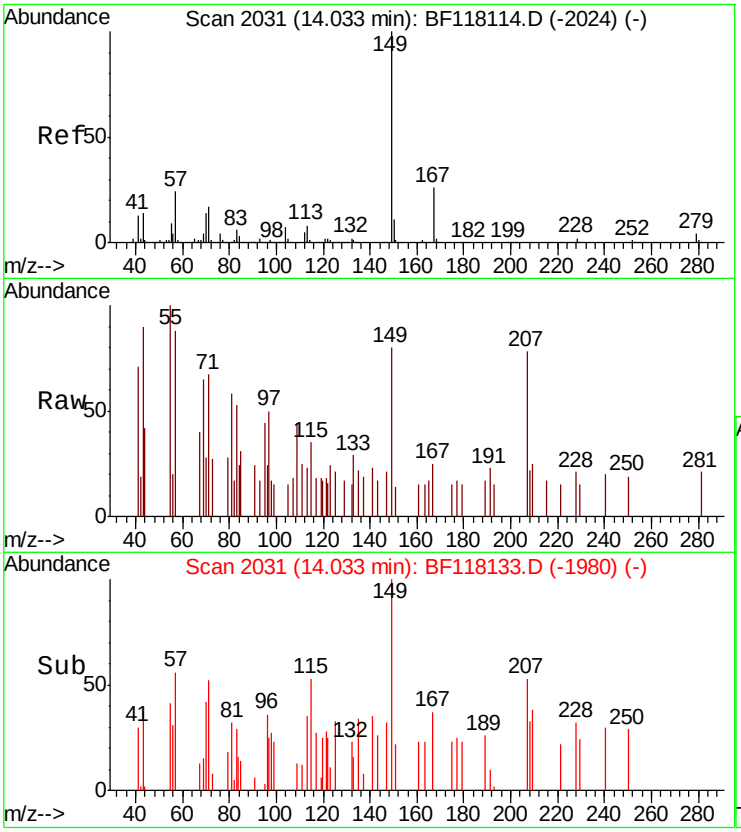


#83
Chrysene
Concen: 0.075 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:228 Resp: 1375

Ion	Ratio	Lower	Upper
228	100		
226	20.5	23.8	35.8#
229	26.5	15.7	23.5#



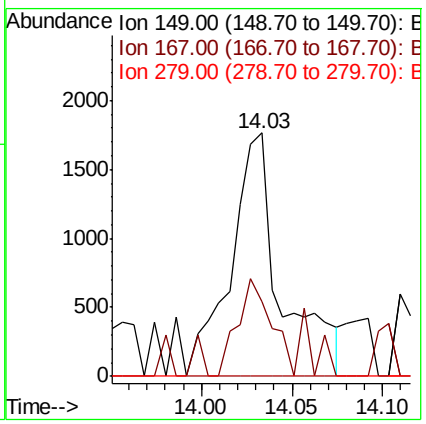


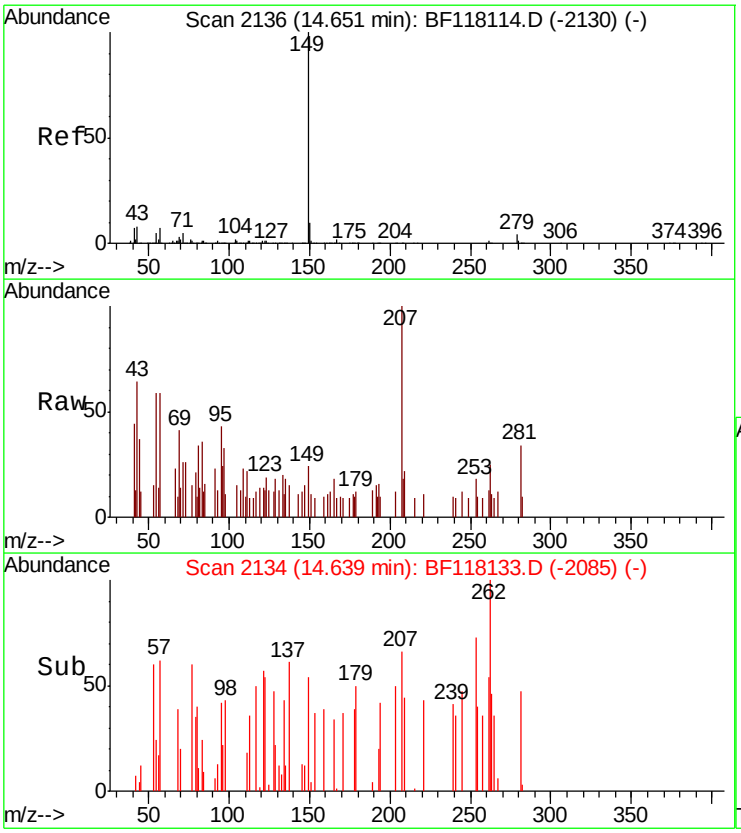
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.263 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 3433

Ion	Ratio	Lower	Upper
149	100		
167	30.7	20.8	31.2
279	0.0	2.9	4.3#

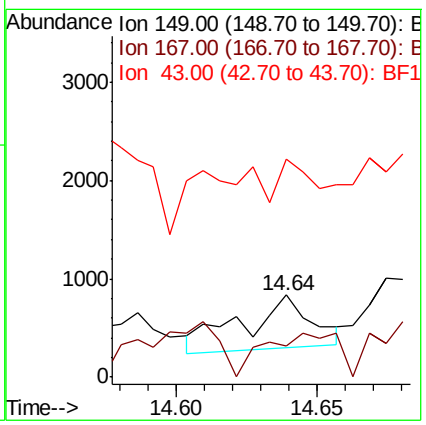


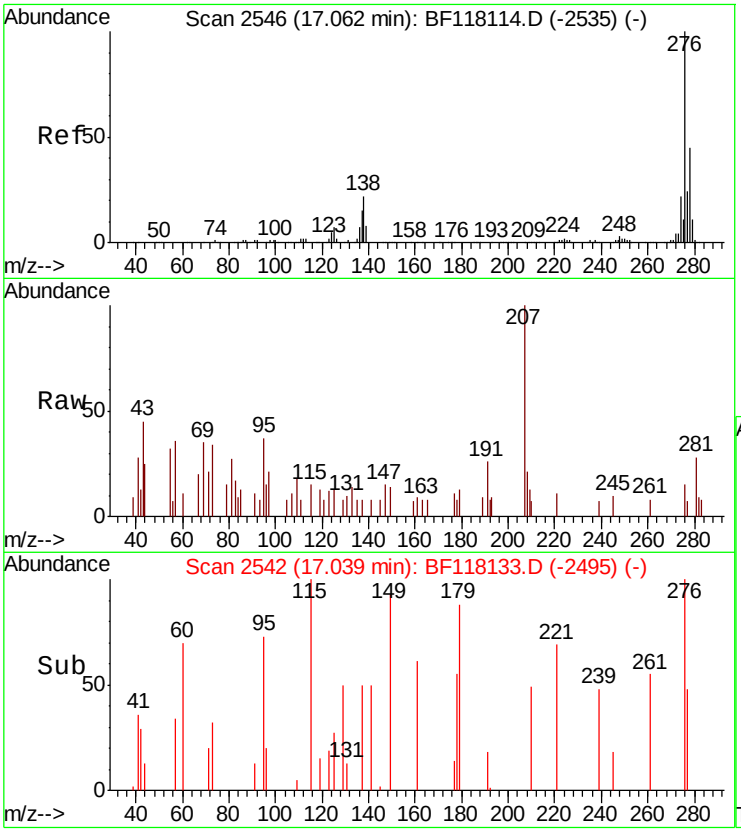


#85
Di-n-octyl phthalate
Concen: 0.047 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:149 Resp: 923

Ion	Ratio	Lower	Upper
149	100		
167	87.0	1.3	1.9#
43	0.0	6.5	9.7#



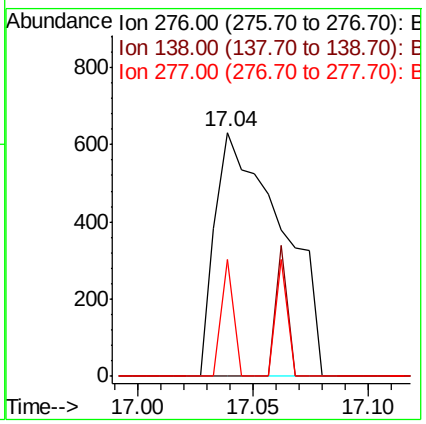


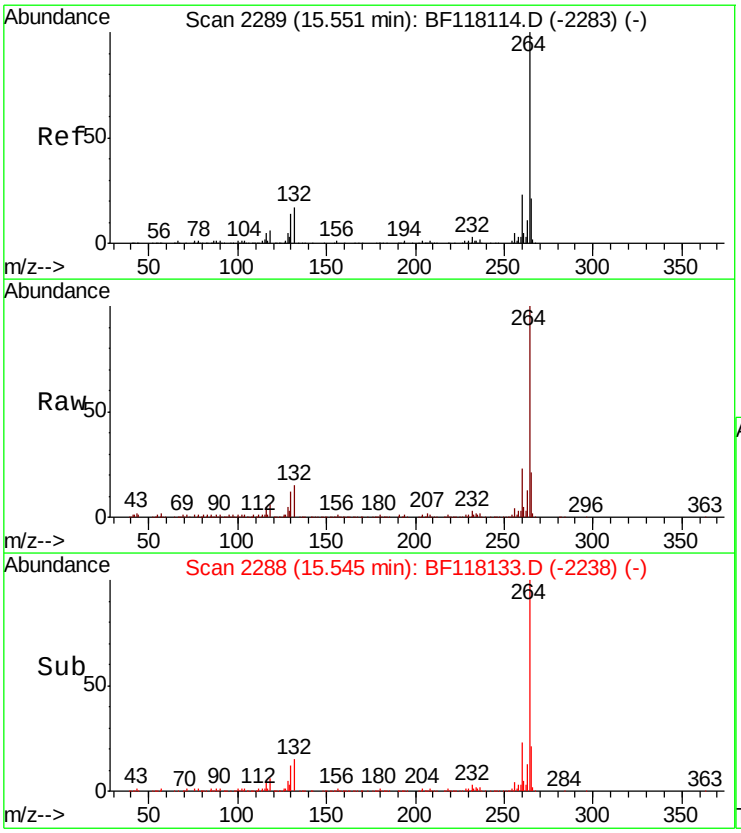
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1265

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.9	28.3#
277	8.5	20.4	30.6#

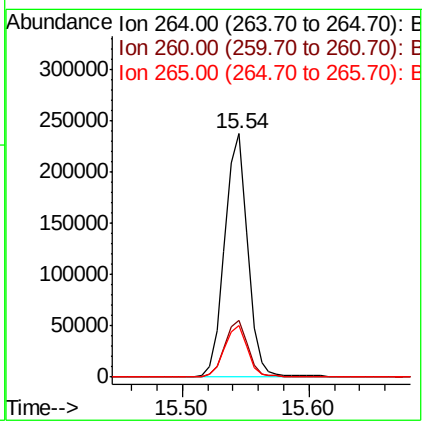


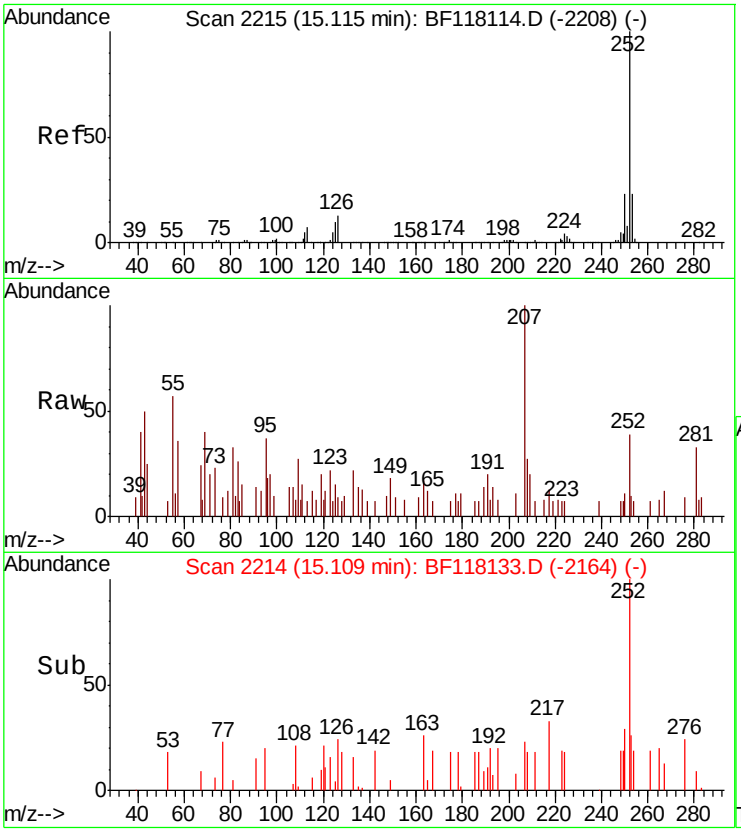


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:264 Resp: 299186

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.1	16.8	25.2



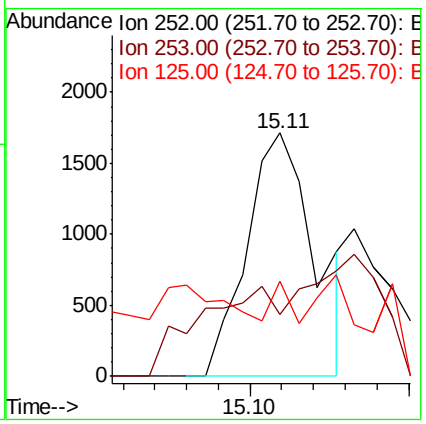


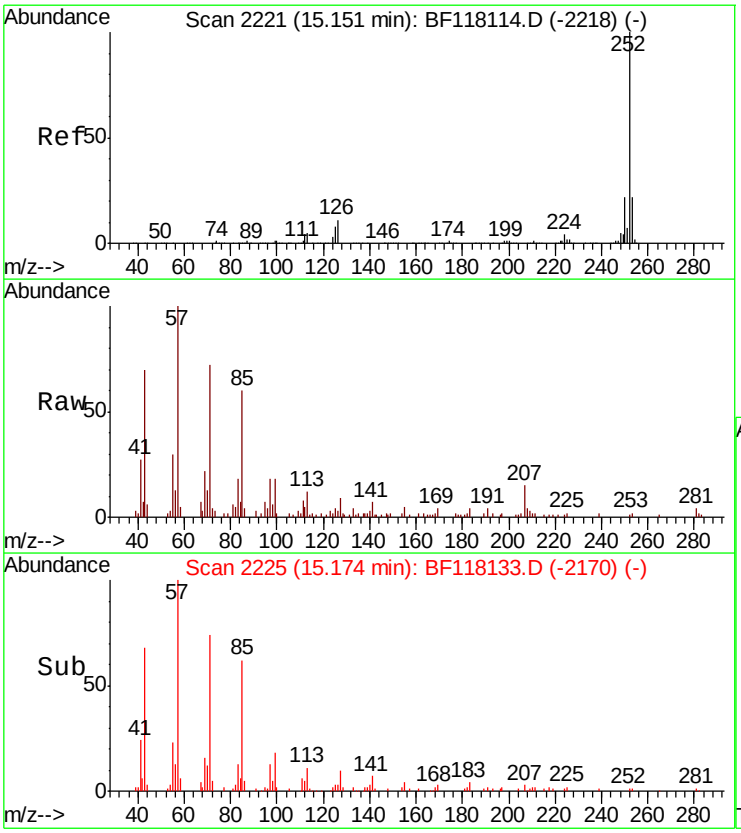
#88
Benzo(b)fluoranthene
Concen: 0.129 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2548

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	39.0	8.3	12.5#

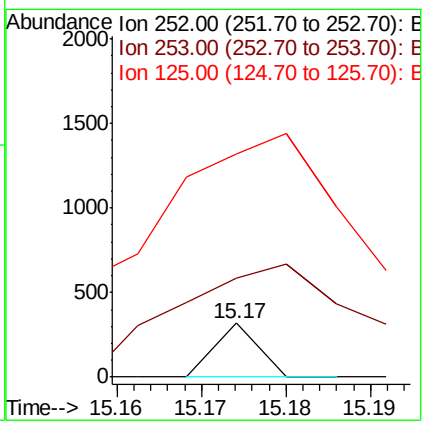


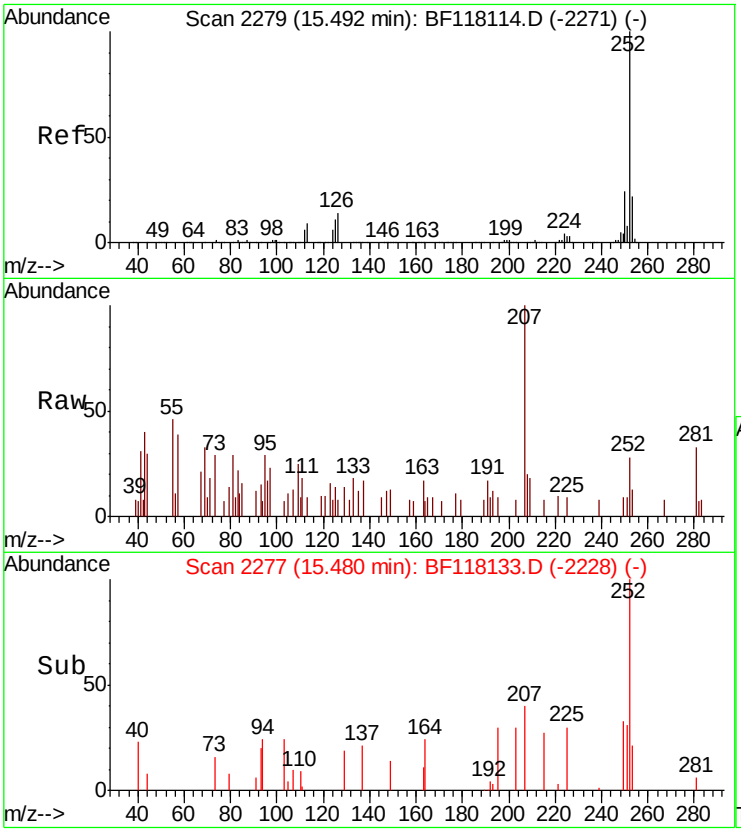


#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:252 Resp: 112

Ion	Ratio	Lower	Upper
252	100		
253	184.9	17.6	26.4#
125	416.4	6.7	10.1#



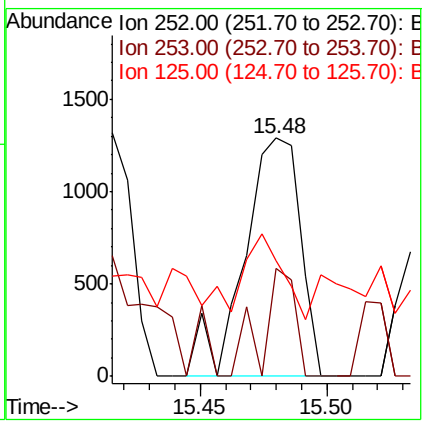


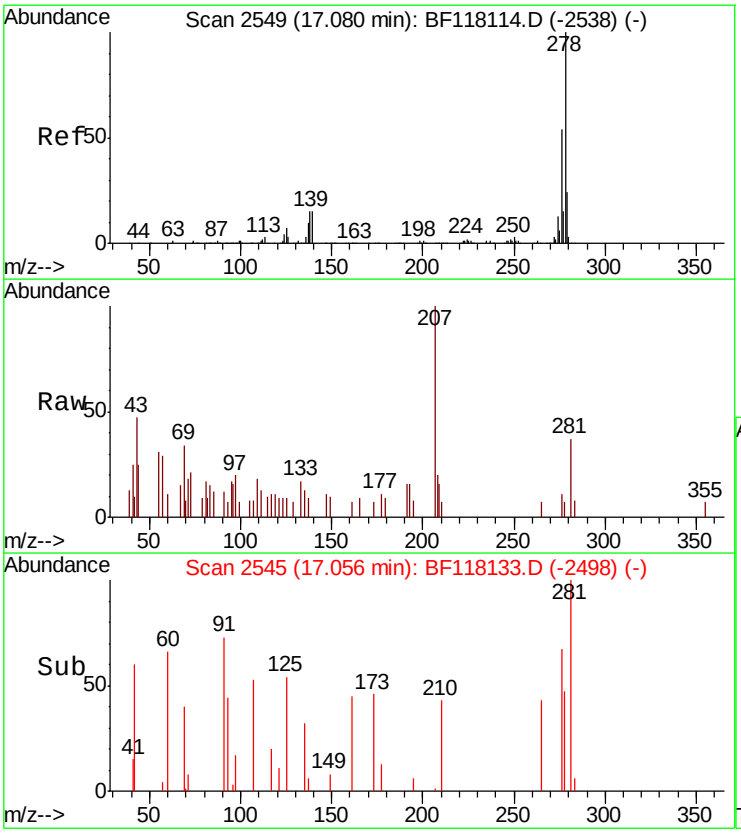
#90
Benzo(a)pyrene
Concen: 0.114 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1998

Ion	Ratio	Lower	Upper
252	100		
253	45.5	17.5	26.3#
125	48.4	9.1	13.7#

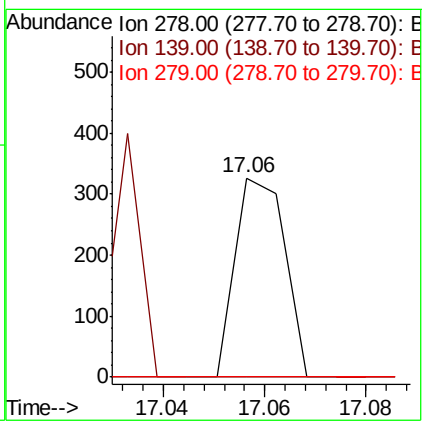


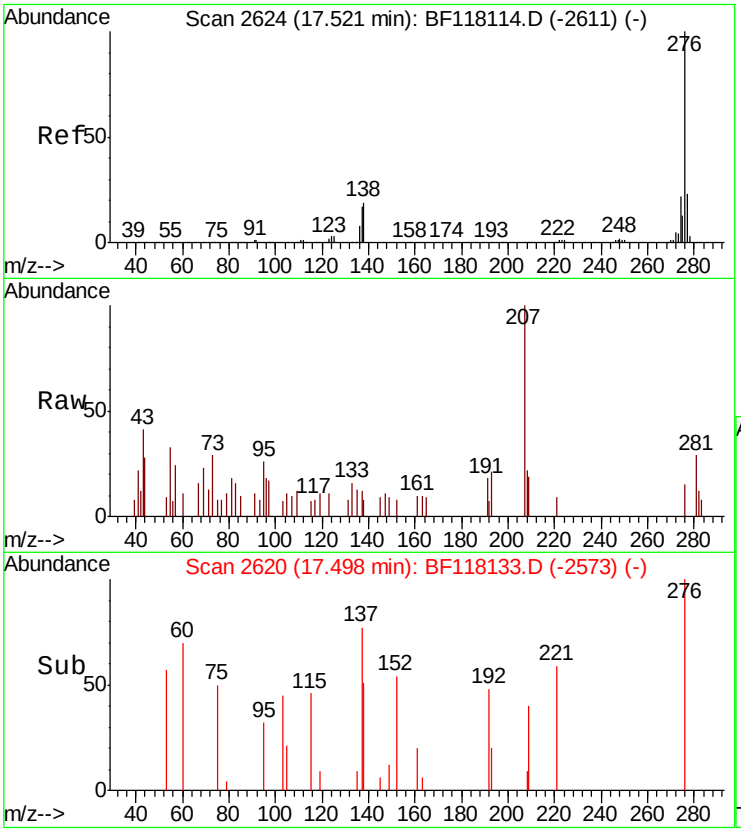


#91
Dibenzo(a,h)anthracene
Concen: 0.015 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:278 Resp: 222

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





#92
Benzo(g,h,i)perylene
Concen: 0.102 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1475

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.4#
138	51.0	15.5	23.3#