Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:45:04 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	123983	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	478864	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	252801	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	421566	20.00	ng		0.00
76) Chrysene-d12	14.06	240	259294	20.00	ng		0.00
87) Perylene-d12	15.56	264	285278	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	720604	101.80	ng		0.00
7) Phenol-d6	6.50	99	909484	106.22	ng		0.00
23) Nitrobenzene-d5	7.43	82	556580	65.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	283120	92.19	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1131955	68.13	ng		0.00
79) Terphenyl-d14	13.00	244	1029432	68.27	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.53	93	623	0.057	ng	#	49
8) 2-Chlorophenol	6.62	128	177	0.022	ng	#	17
9) Benzaldehyde	6.42	77	4870	Below Cal			90
10) Phenol	6.50	94	16641	1.704	ng	#	69
11) bis(2-Chloroethyl)ether	6.64	93	1127	0.160	ng	#	1
12) 1,3-Dichlorobenzene	6.88	146	600	0.064	ng	#	41
13) 1,4-Dichlorobenzene	6.88	146	600	0.064	ng	#	69
14) 1,2-Dichlorobenzene	6.88	146	600	0.068	ng	#	67
15) Benzyl Alcohol	7.02	79	9792	1.465	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	7.23	45	2153	0.254	ng	#	1
17) 2-Methylphenol	7.12	107	6483	1.021	ng	#	88
18) Hexachloroethane	7.40	117	523	0.151	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	74934	14.403	ng	#	75
20) 3+4-Methylphenols	7.29	107	804	0.101	ng	#	66
22) Acetophenone	7.27	105	7599	0.661	ng	#	89
24) Nitrobenzene	7.43	77	3493	0.418	ng	#	35
25) Isophorone	7.43	82	552002	38.255	ng	#	62
27) 2,4-Dimethylphenol	7.80	122	113	0.019	ng	#	3
31) Naphthalene	8.17	128	269277	11.197	ng		99
32) Benzoic acid	7.90	122	129	0.024	ng		91
33) 4-Chloroaniline	8.17	127	34603	3.332	ng	#	35
35) Caprolactam	8.86	113	3489	1.628	ng	#	10
36) 4-Chloro-3-methylphenol	8.72	107	1090	0.149	ng	#	19
37) 2-Methylnaphthalene	8.87	142	152594	9.372	ng		96
38) 1-Methylnaphthalene	8.97	142	82251	5.380	ng		95
46) 1,1'-Biphenyl	9.33	154	67478	3.384	ng		99
47) 2-Chloronaphthalene	9.40	162	729	0.045	ng	#	38
48) 2-Nitroaniline	9.42	65	246	0.054	ng	#	1
49) Acenaphthylene	9.77	152	8708	0.368	ng	#	90
50) Dimethylphthalate	9.62	163	115505	6.186	ng		99
51) 2,6-Dinitrotoluene	9.62	165	1762	0.434	ng	#	2
52) Acenaphthene	9.95	154	111711	7.737	ng		99
53) 3-Nitroaniline	9.90	138	122	0.026	ng	#	1
55) Dibenzofuran	10.12	168	158520	7.493	ng		99

Quantitation Report (Not Reviewed)

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Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:45:04 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)
56) 4-Nitrophenol	10.12	139	65588	19.778	ng	#	9
57) 2,4-Dinitrotoluene	9.95	165	1810	0.334	ng	#	1
58) Fluorene	10.46	166	77769	4.626	ng		97
60) Diethylphthalate	10.33	149	837	0.045	ng	#	60
61) 4-Chlorophenyl-phenylether	10.27	204	107	0.013	ng	#	26
62) 4-Nitroaniline	10.46	138	1299	0.261	ng	#	59
63) Azobenzene	10.62	77	6516	0.415	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.70	198	635	0.273	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	2183	0.166	ng	#	86
67) 4-Bromophenyl-phenylether	10.70	248	17763	3.691	ng	#	1
69) Atrazine	10.87	200	1413	0.412	ng	#	67
71) Phenanthrene	11.43	178	480270	21.431	ng		99
72) Anthracene	11.48	178	102346	4.578	ng		97
73) Carbazole	11.64	167	44934	2.240	ng		98
74) Di-n-butylphthalate	11.96	149	5198	0.207	ng	#	77
75) Fluoranthene	12.62	202	310481	13.551	ng		98
77) Benzidine	12.76	184	1807	0.265	ng	#	1
78) Pyrene	12.86	202	244643	11.973	ng		98
80) Butylbenzylphthalate	13.47	149	2806	0.303	ng	#	39
81) Benzo(a)anthracene	14.05	228	121696	6.788	ng		92
82) 3,3'-Dichlorobenzidine	14.02	252	409	0.069	ng	#	14
83) Chrysene	14.09	228	130017	7.592	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	583760	47.840	ng	#	97
85) Di-n-octyl phthalate	14.63	149	13678	0.740	ng	#	1
86) Indeno(1,2,3-cd)pyrene	17.06	276	52756	3.661	ng		96
88) Benzo(b)fluoranthene	15.12	252	187175	9.921	ng	#	94
89) Benzo(k)fluoranthene	15.12	252	187175	10.327	ng	#	92
90) Benzo(a)pyrene	15.49	252	90904	5.455	ng	#	93
91) Dibenzo(a,h)anthracene	17.06	278	14594	1.021	ng	#	57
92) Benzo(g,h,i)perylene	17.51	276	50019	3.642	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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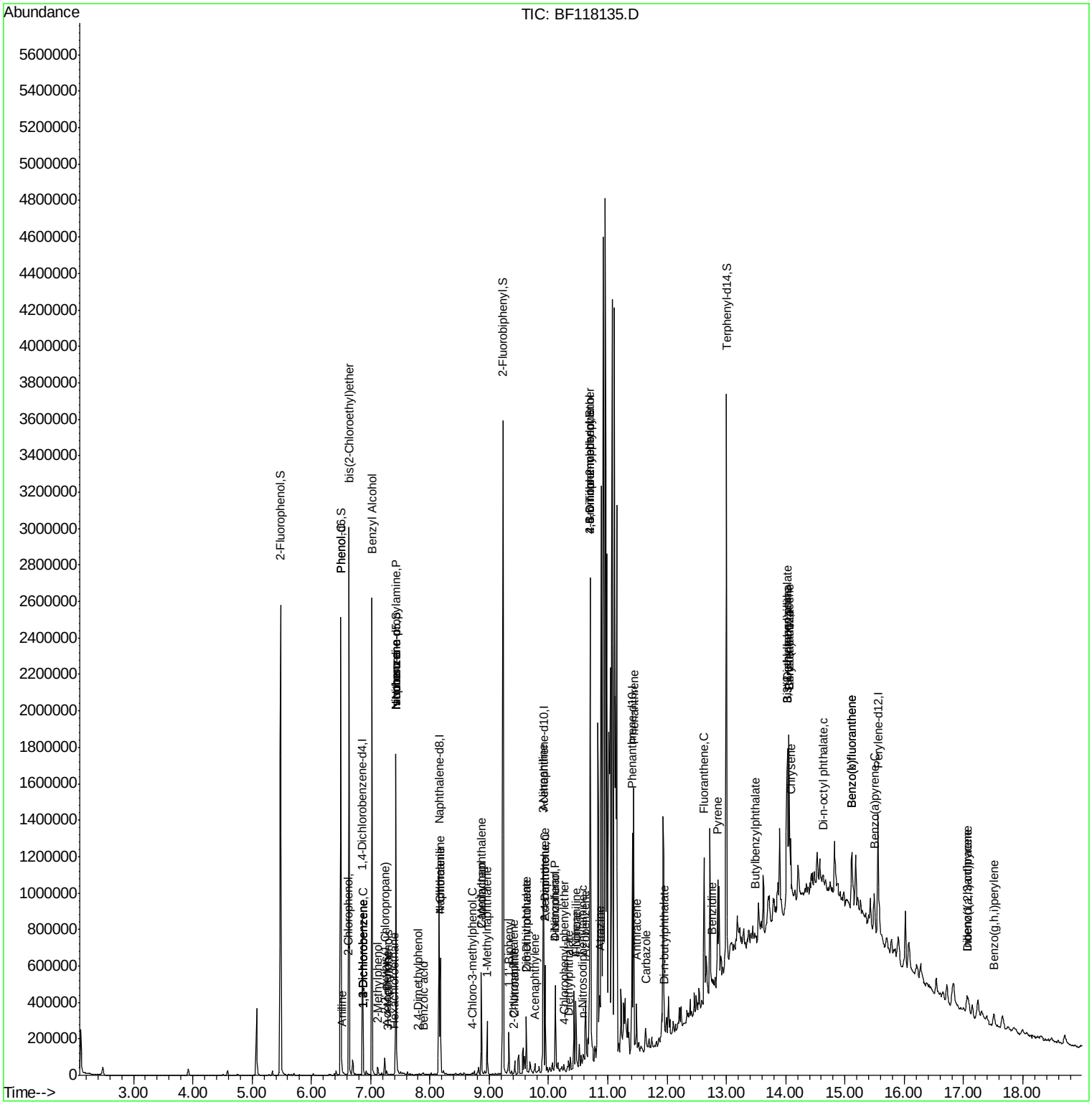
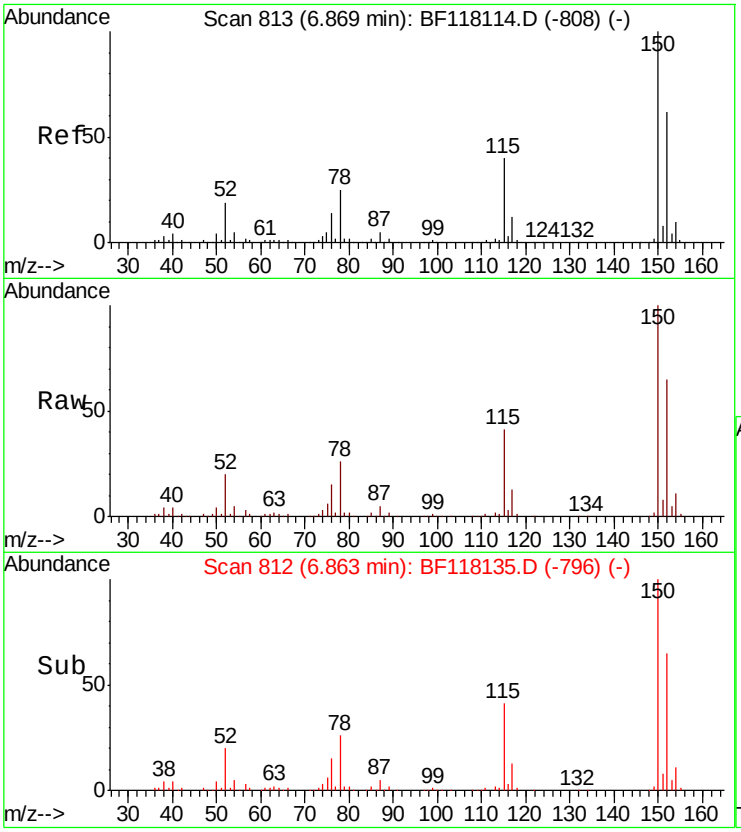
Quant Time: Dec 09 05:45:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



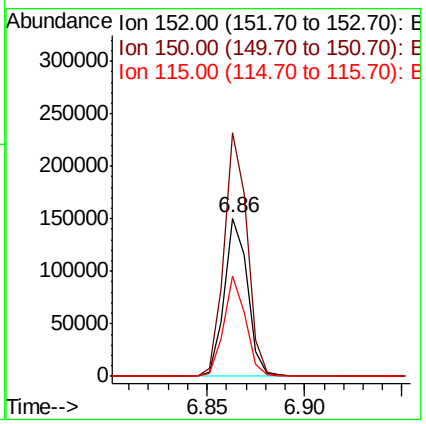


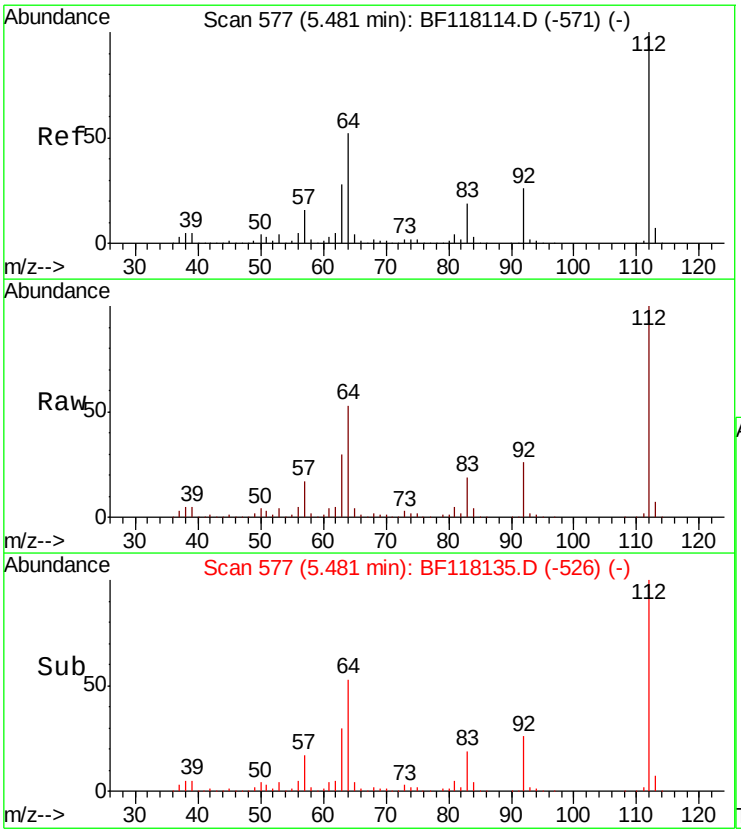
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123983

Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.3	192.5
115	63.3	51.1	76.7

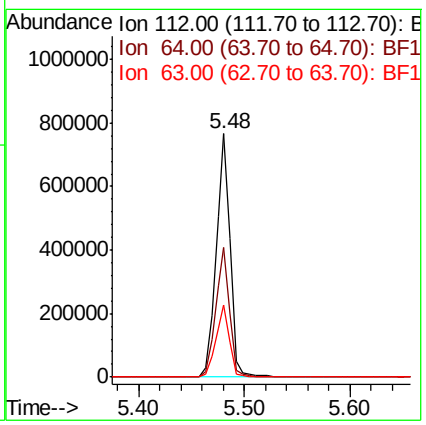


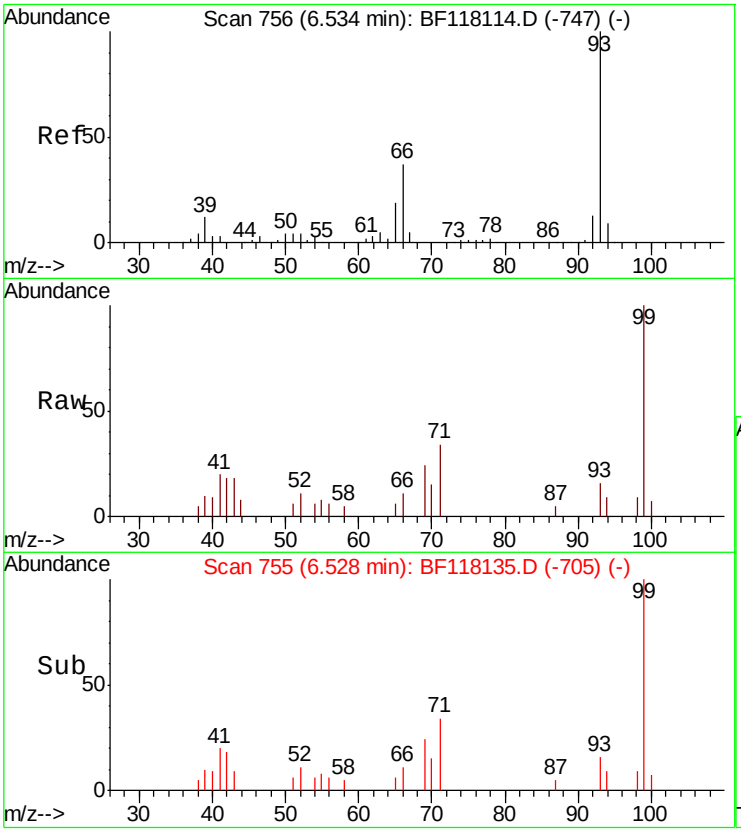


#5
2-Fluorophenol
Concen: 101.797 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:112 Resp: 720604

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.3	61.9
63	29.5	22.4	33.6



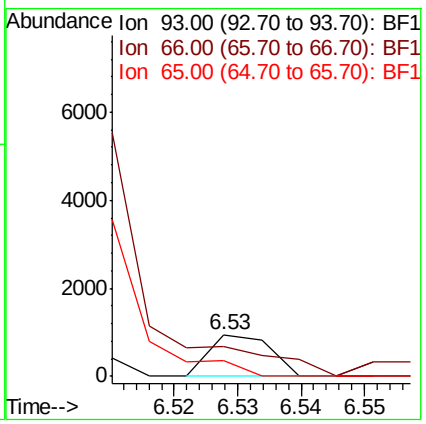


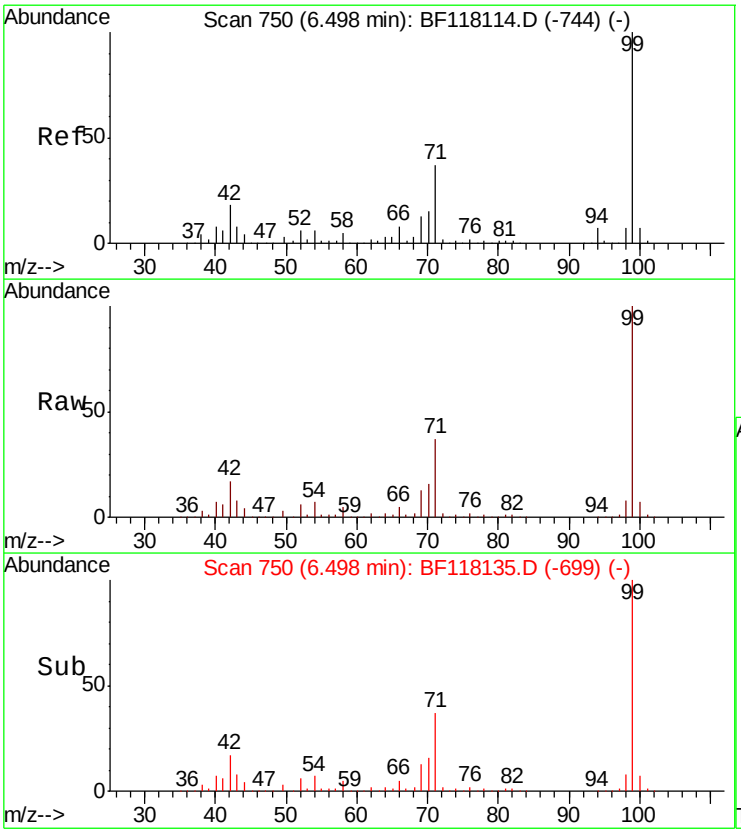
#6
Aniline
Concen: 0.057 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 623

Ion	Ratio	Lower	Upper
93	100		
66	70.4	30.2	45.2#
65	38.9	15.5	23.3#

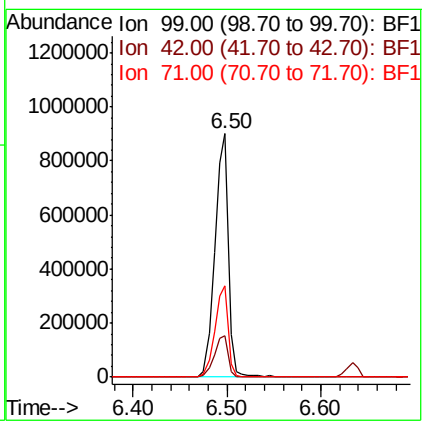


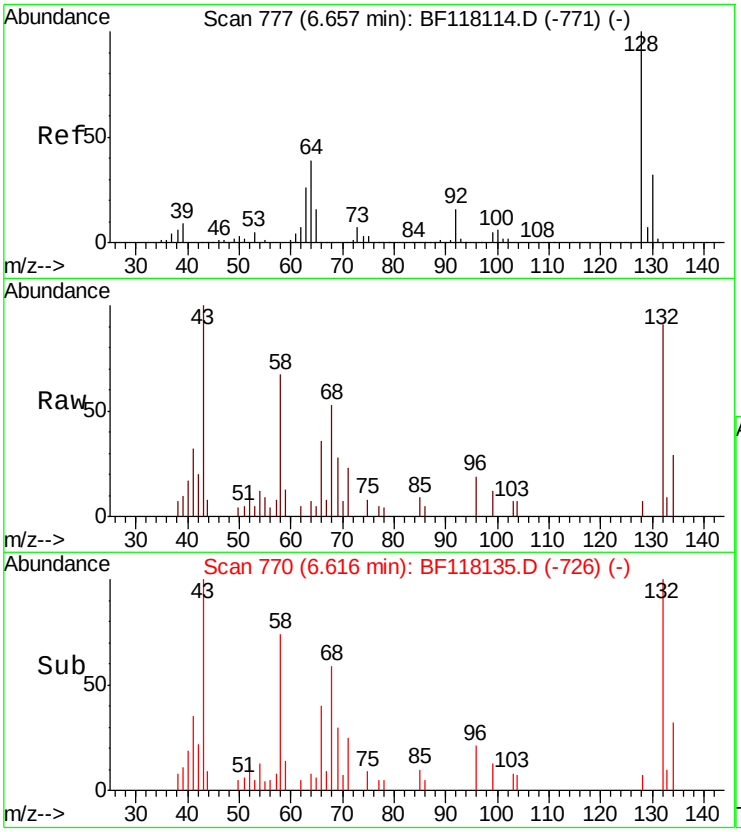


#7
Phenol-d6
Concen: 106.223 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 99 Resp: 909484

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	37.4	29.7	44.5



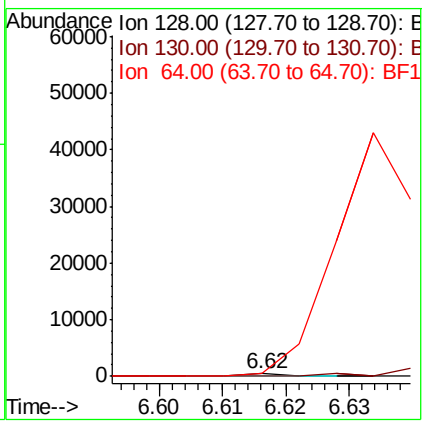


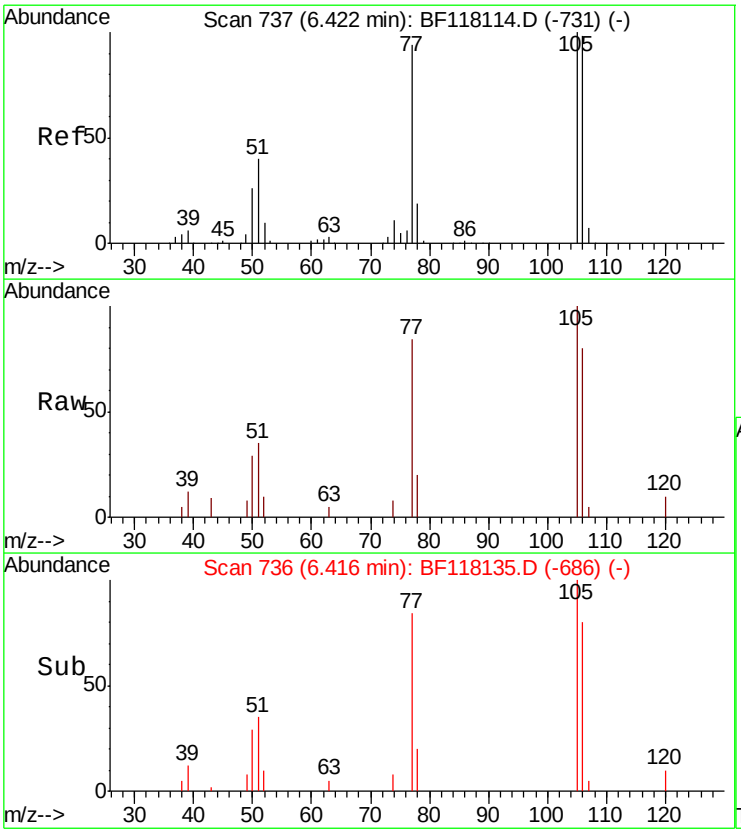
#8
2-Chlorophenol
Concen: 0.022 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.04 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 177

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.1	52.1#
64	103.4	19.3	59.3#

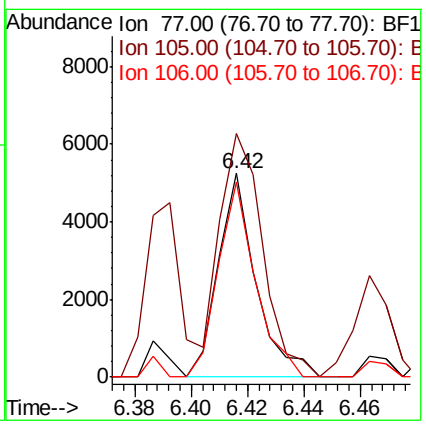


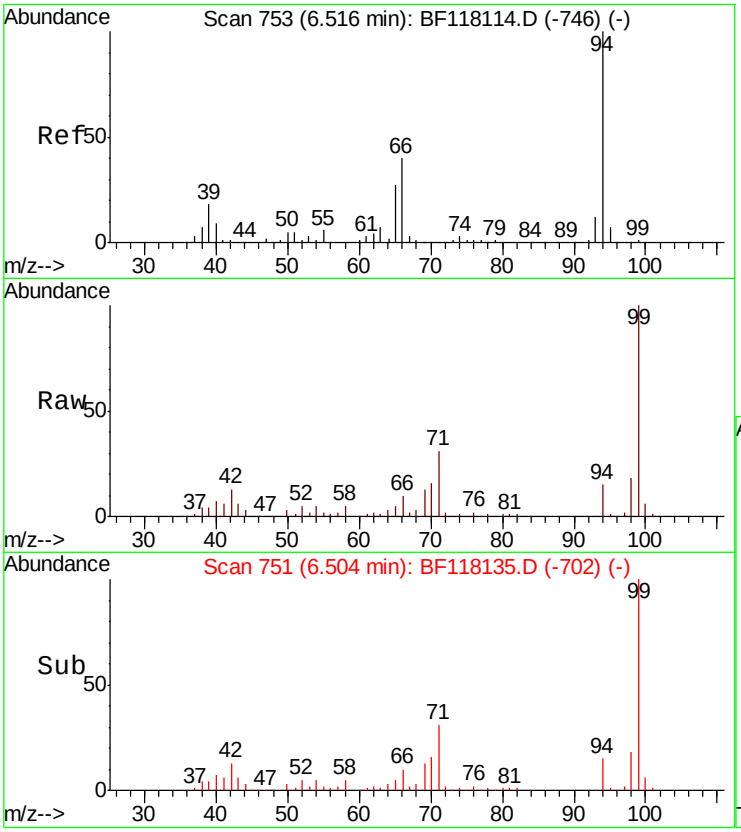


#9
Benzaldehyde
Concen: Below Cal
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 77 Resp: 4870

Ion	Ratio	Lower	Upper
77	100		
105	119.7	86.4	126.4
106	96.1	83.8	123.8



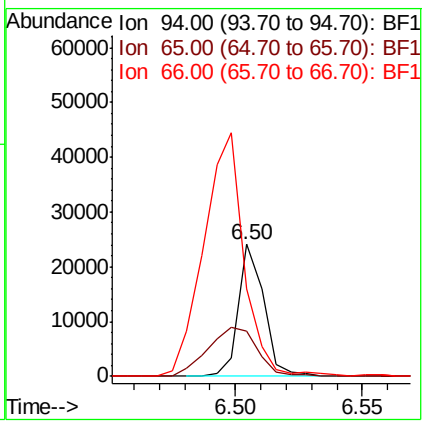


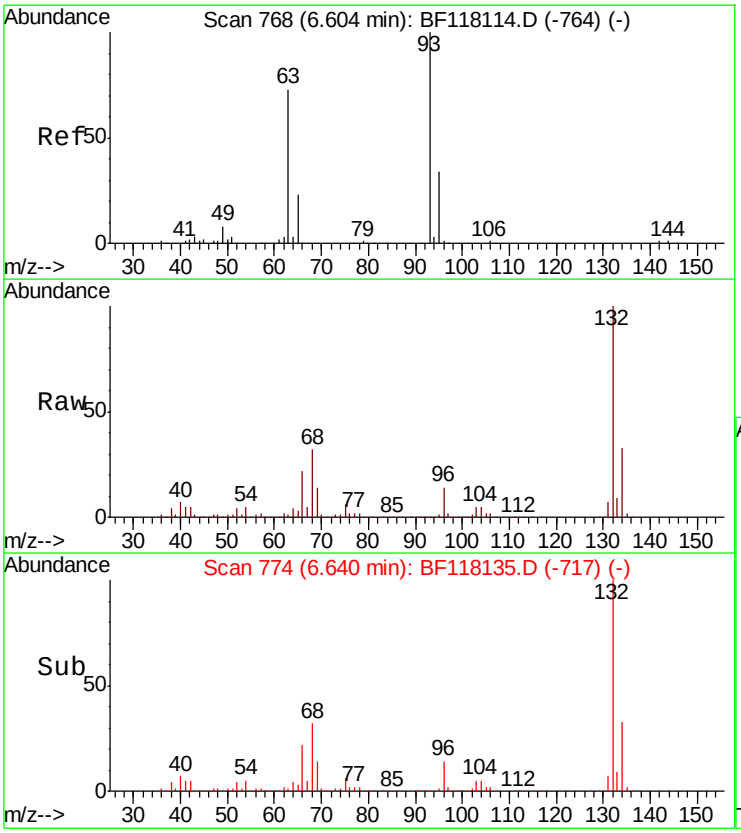
#10
Phenol
Concen: 1.704 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 16641

Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.3	47.3
66	66.8	20.2	60.2#

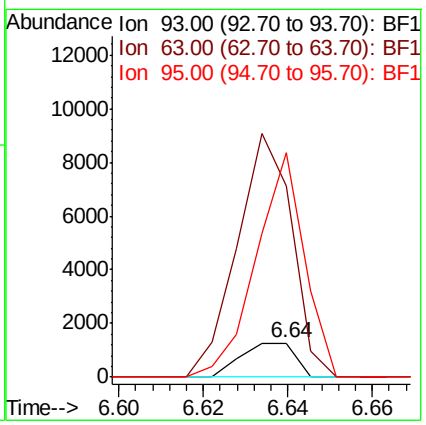


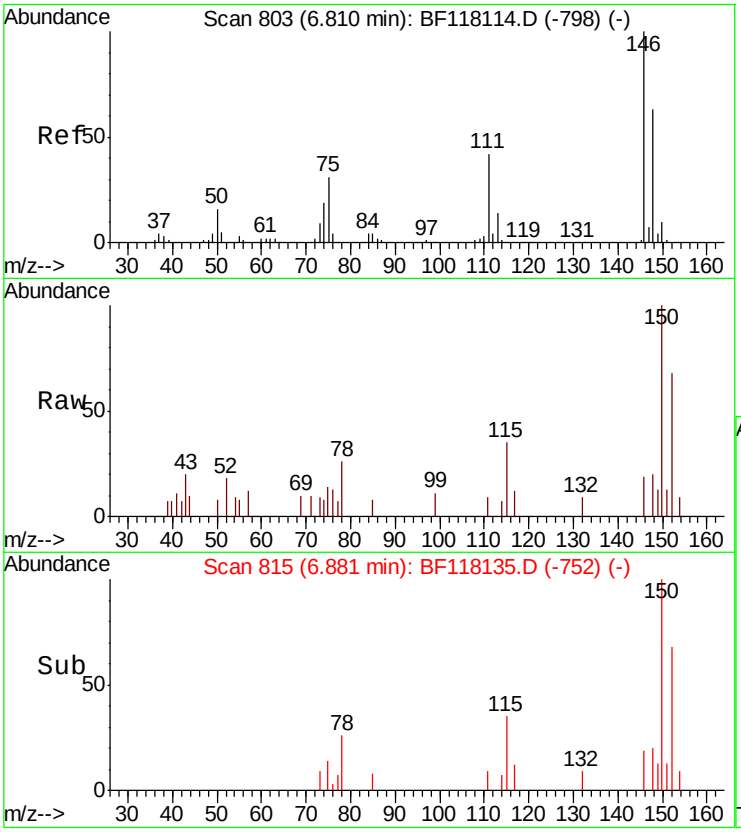


#11
bis(2-Chloroethyl)ether
Concen: 0.160 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.04 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 93 Resp: 1127

Ion	Ratio	Lower	Upper
93	100		
63	564.4	53.2	93.2#
95	663.0	13.8	53.8#



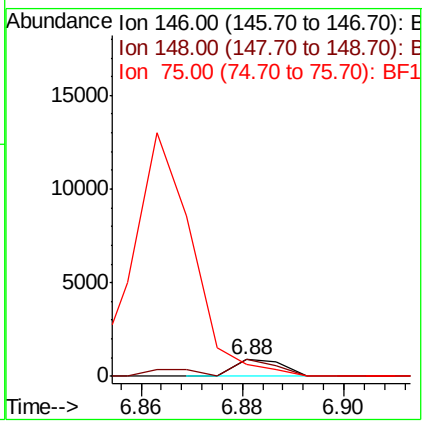


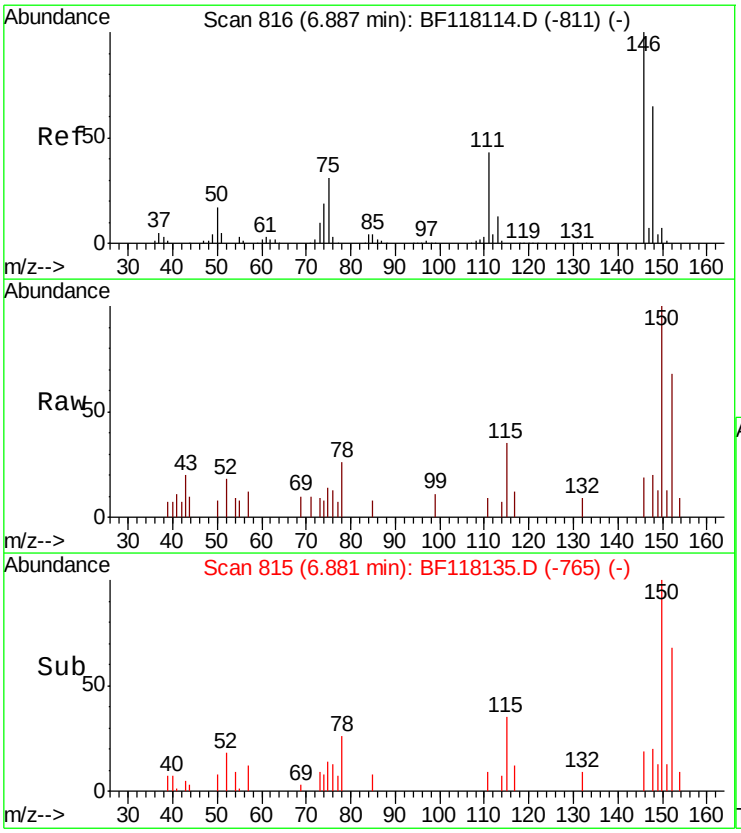
#12
1,3-Dichlorobenzene
Concen: 0.064 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.07 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 600

Ion	Ratio	Lower	Upper
146	100		
148	102.9	50.2	75.4#
75	71.8	24.6	37.0#

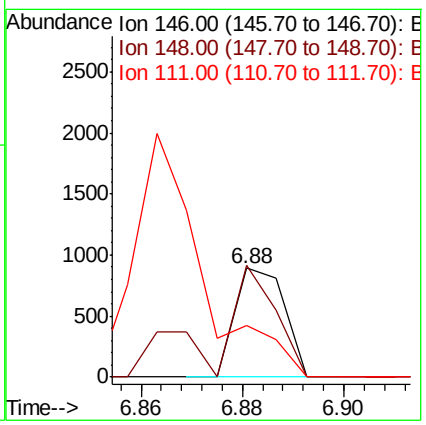


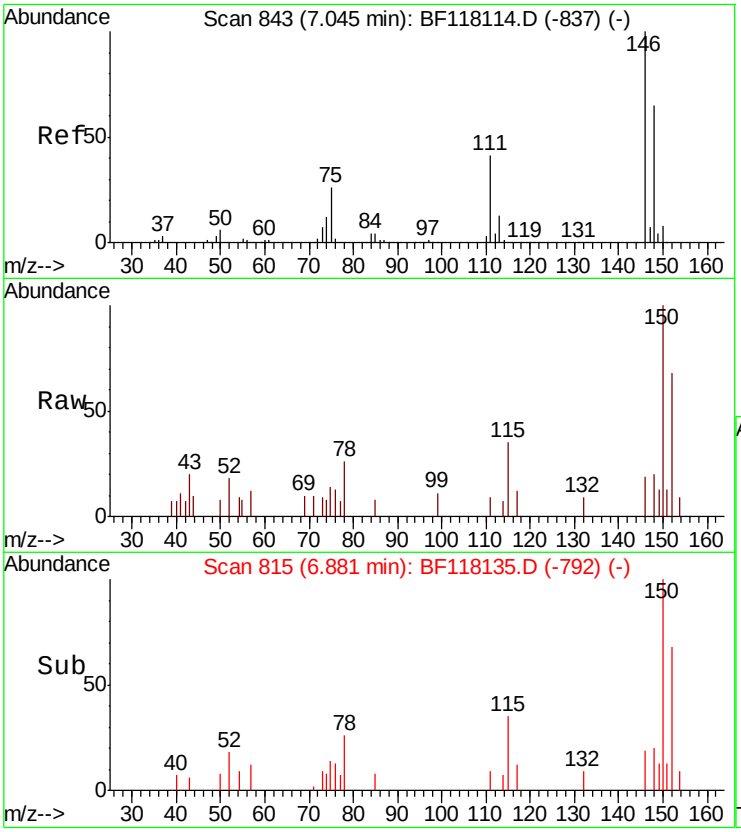


#13
1,4-Dichlorobenzene
Concen: 0.064 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:146 Resp: 600

Ion	Ratio	Lower	Upper
146	100		
148	102.9	52.1	78.1#
111	46.9	34.6	52.0

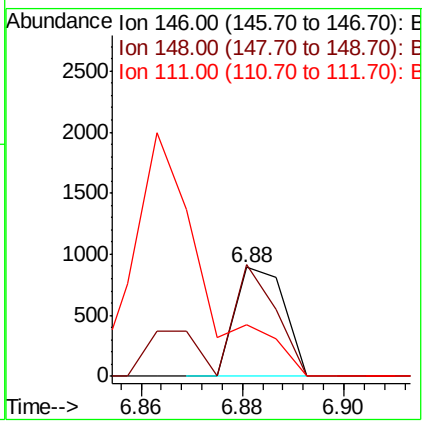




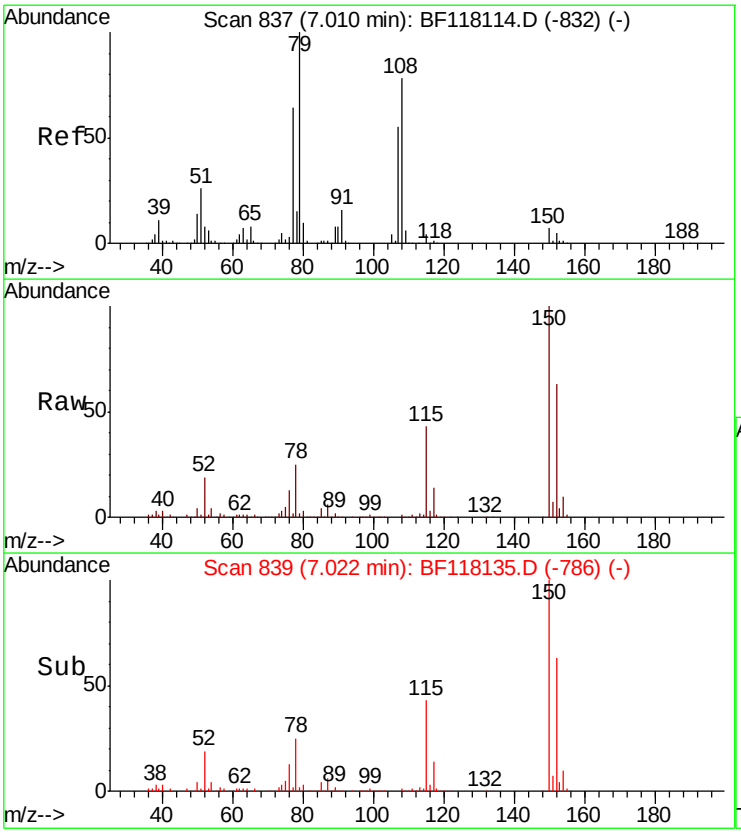
#14
1,2-Dichlorobenzene
Concen: 0.068 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.16 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:146 Resp: 600

Ion	Ratio	Lower	Upper
146	100		
148	102.9	52.2	78.2#
111	46.9	33.1	49.7



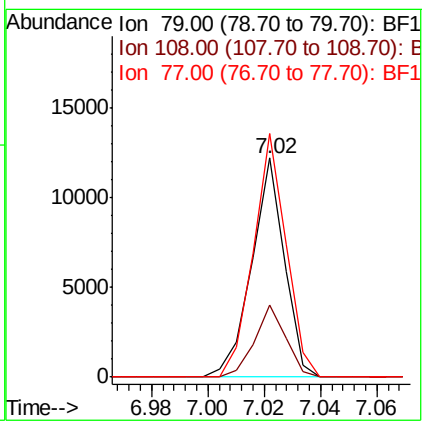
Instrument :
BNA_F
ClientSampleId :

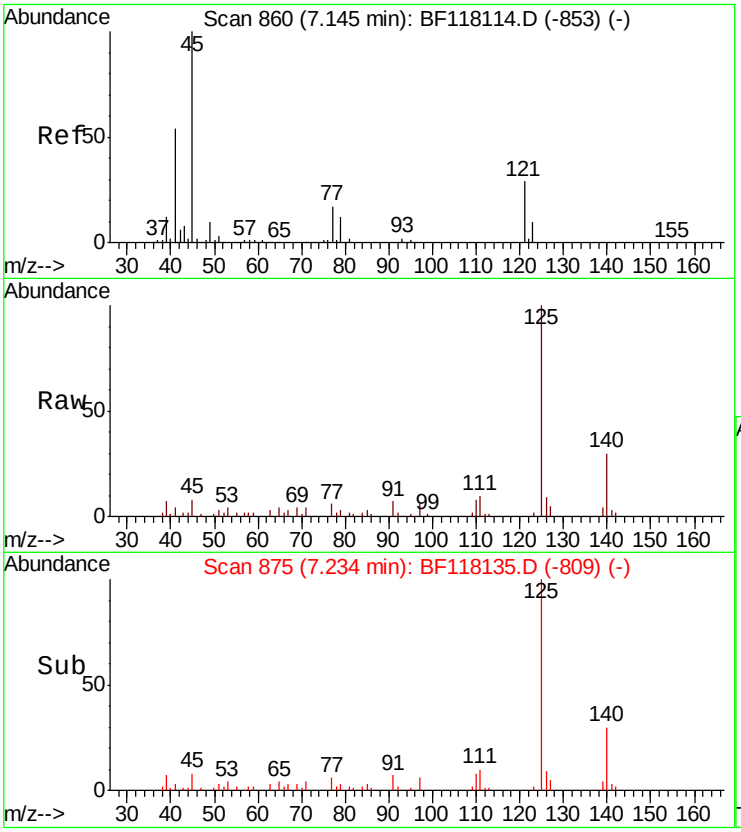


#15
Benzyl Alcohol
Concen: 1.465 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 79 Resp: 9792

Ion	Ratio	Lower	Upper
79	100		
108	33.0	62.7	94.1#
77	111.3	51.4	77.2#



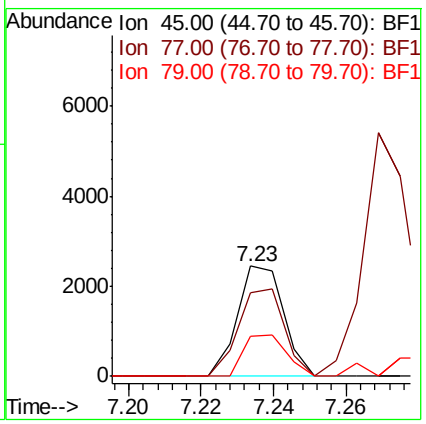


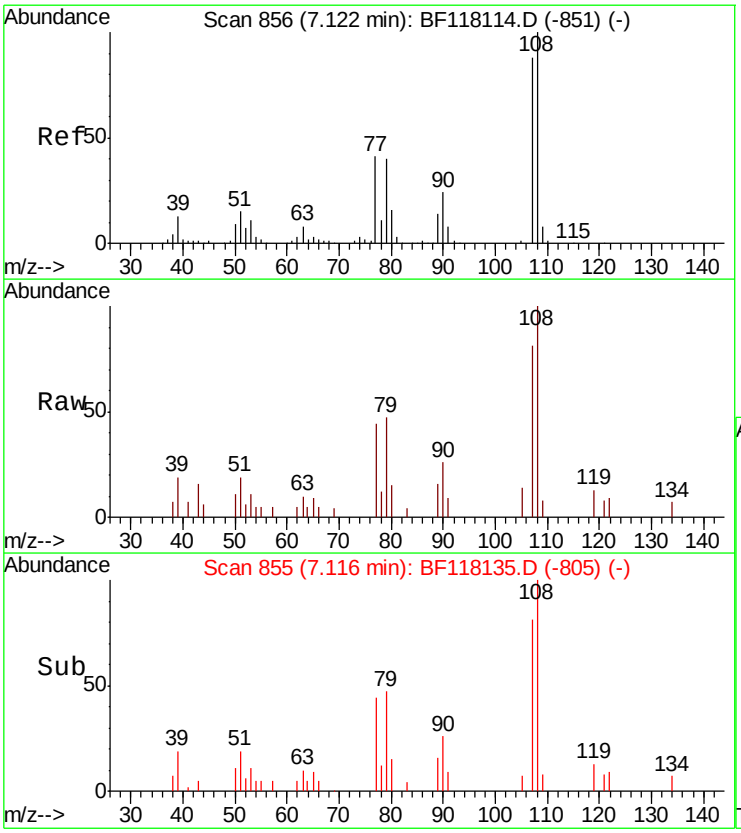
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.254 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.09 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 2153

Ion	Ratio	Lower	Upper
45	100		
77	75.6	0.0	38.0#
79	36.4	0.0	33.2#

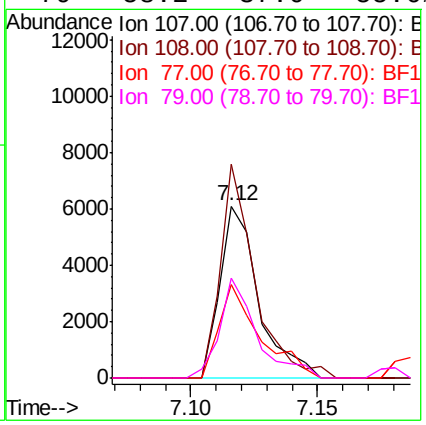


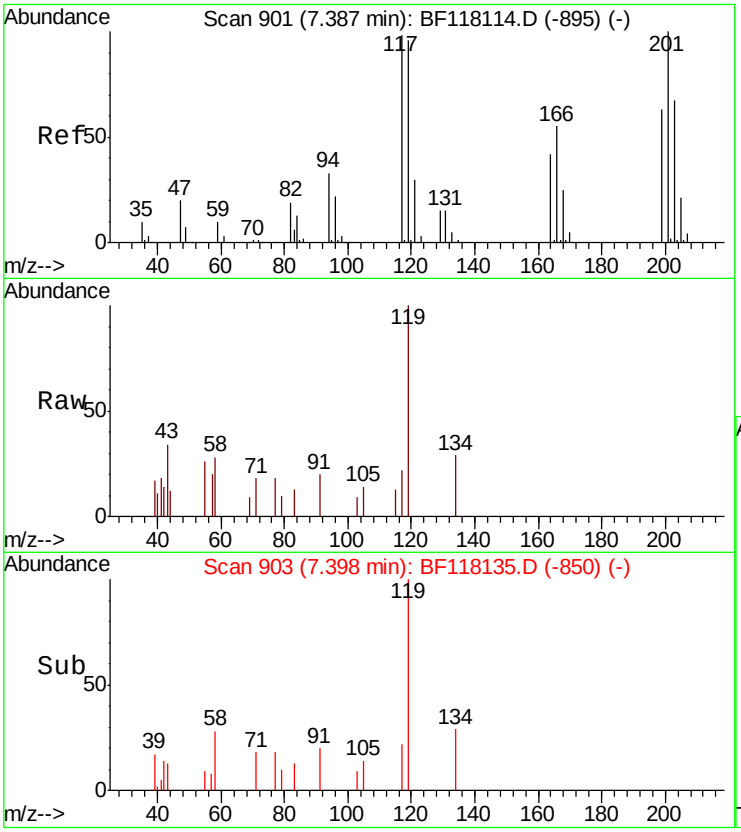


#17
2-Methylphenol
Concen: 1.021 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:107 Resp: 6483

Ion	Ratio	Lower	Upper
107	100		
108	124.1	91.1	136.7
77	54.1	37.8	56.6
79	58.2	37.0	55.6#



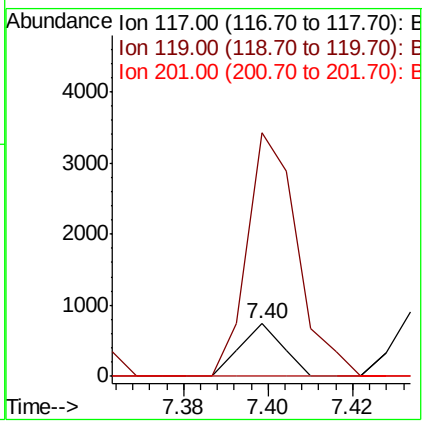


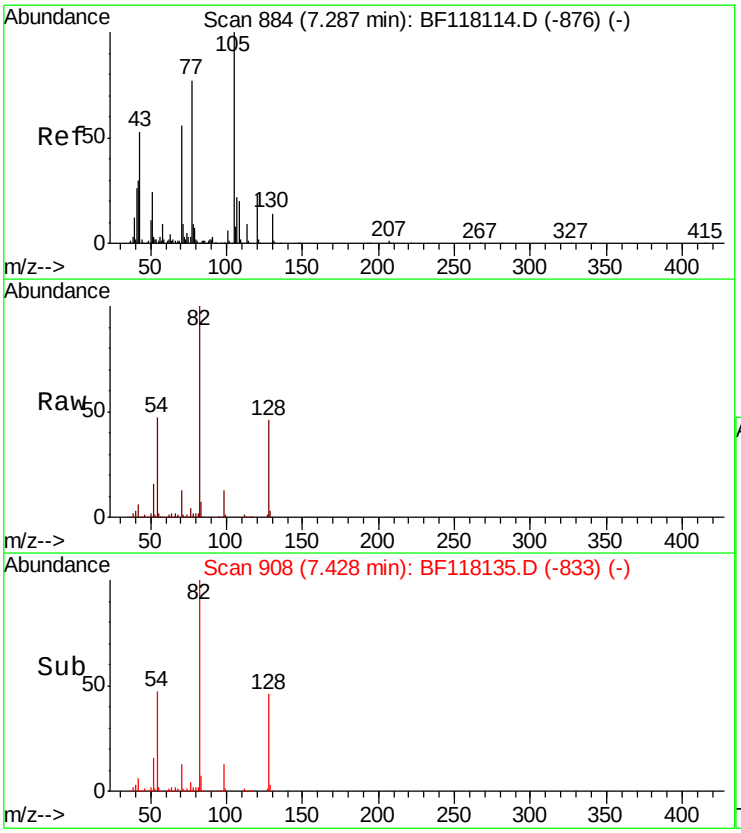
#18
Hexachloroethane
Concen: 0.151 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 523

Ion	Ratio	Lower	Upper
117	100		
119	461.0	78.2	117.4#
201	0.0	81.6	122.4#

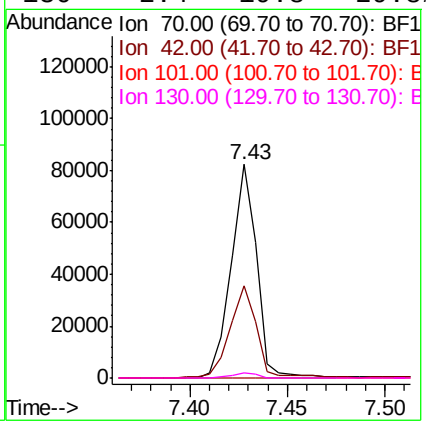


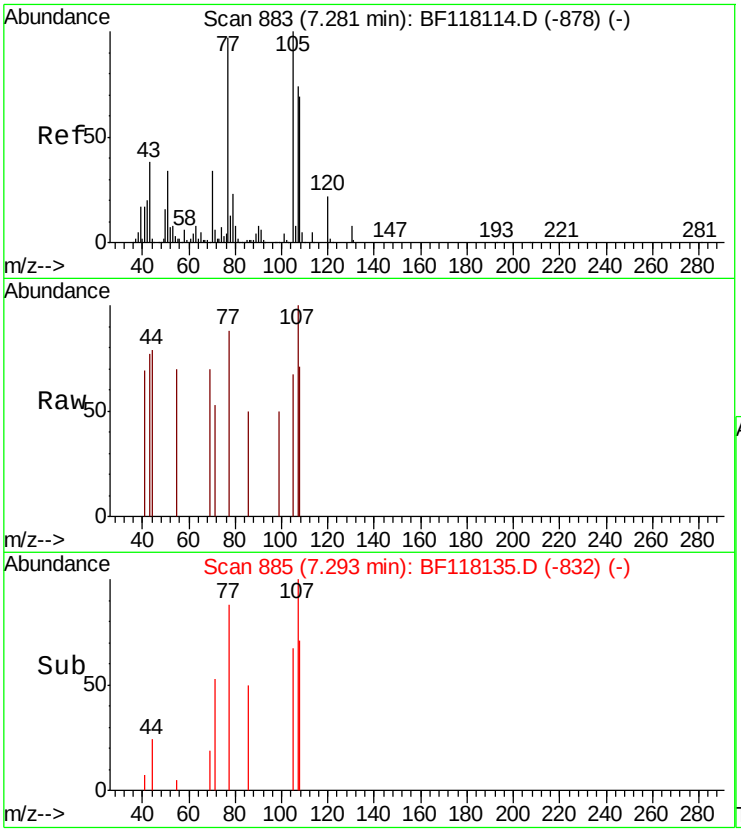


#19
n-Nitroso-di-n-propylamine
Concen: 14.403 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 70 Resp: 74934

Ion	Ratio	Lower	Upper
70	100		
42	43.4	43.2	64.8
101	0.0	8.1	12.1#
130	2.4	19.8	29.8#



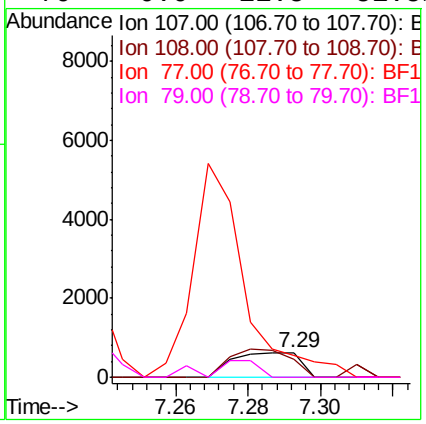


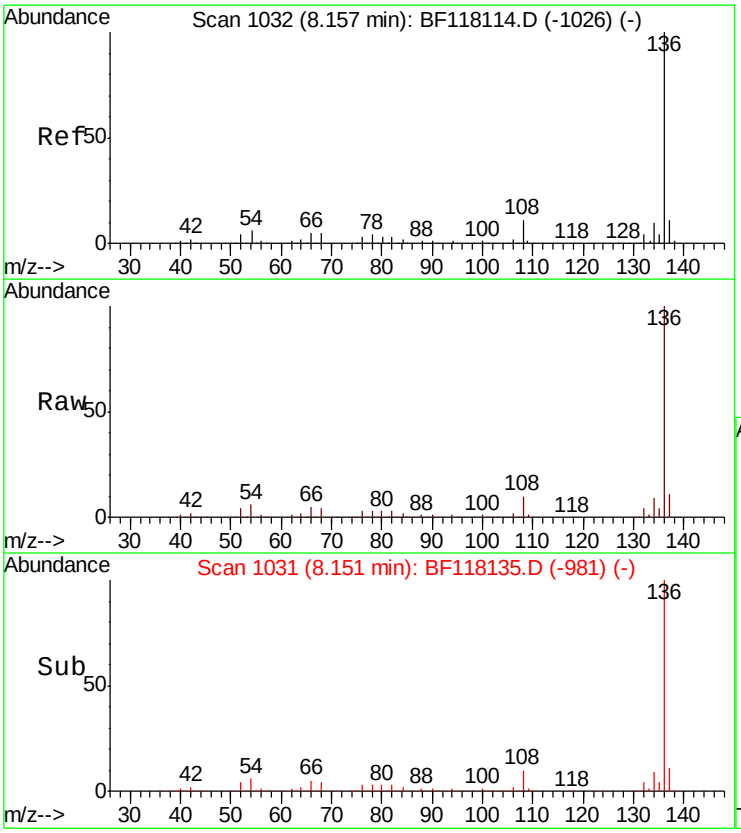
#20
3+4-Methylphenols
Concen: 0.101 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 804

Ion	Ratio	Lower	Upper
107	100		
108	70.8	73.2	113.2#
77	88.4	110.9	150.9#
79	0.0	11.5	51.5#

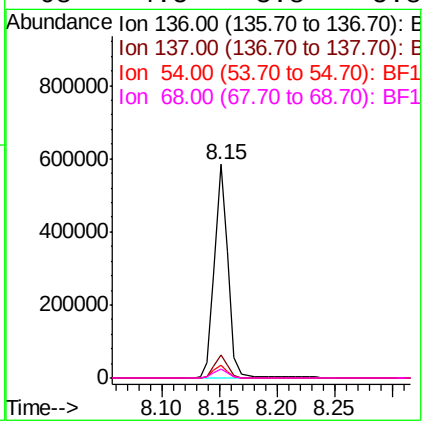


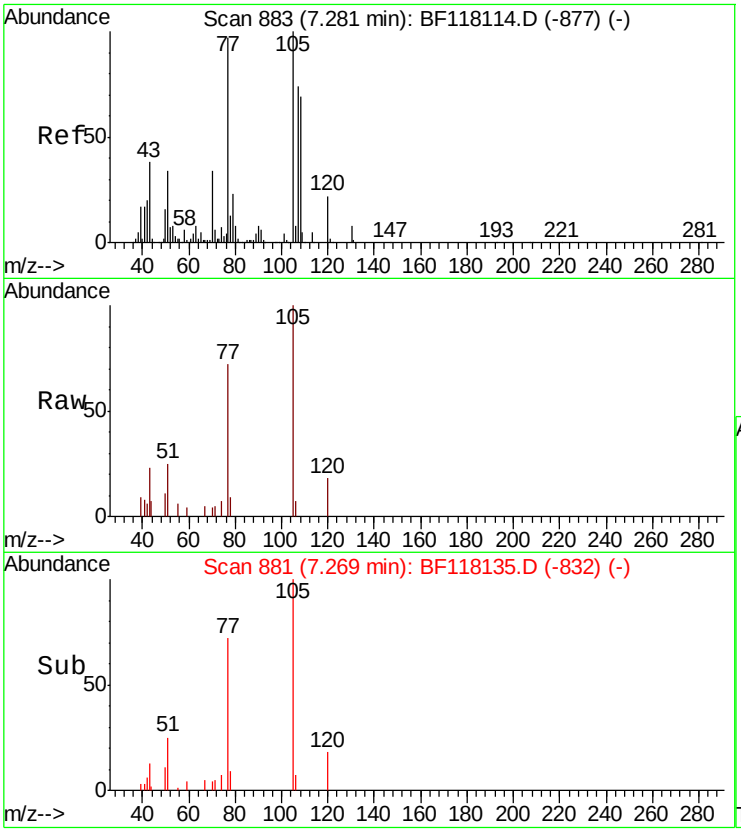


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:136 Resp: 478864

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.0	5.0	7.6
68	4.5	3.8	5.8



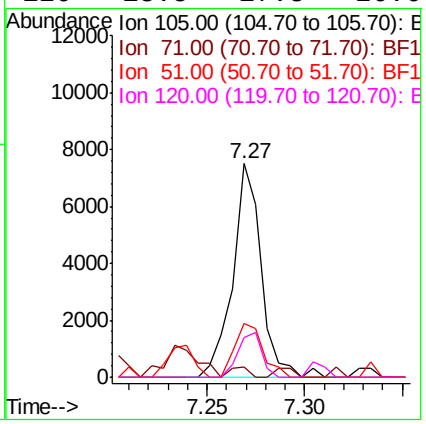


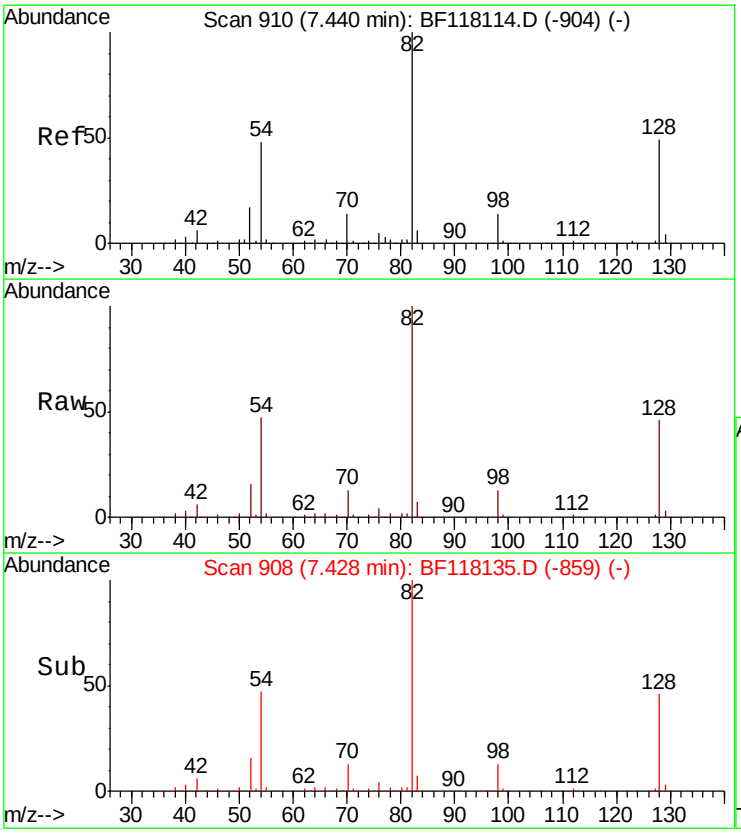
#22
Acetophenone
Concen: 0.661 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 7599

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.7	7.1#
51	25.4	27.1	40.7#
120	18.5	17.8	26.6

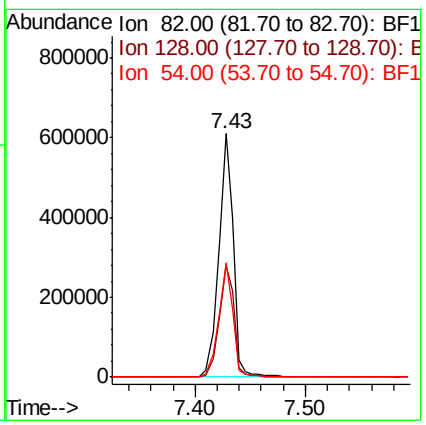


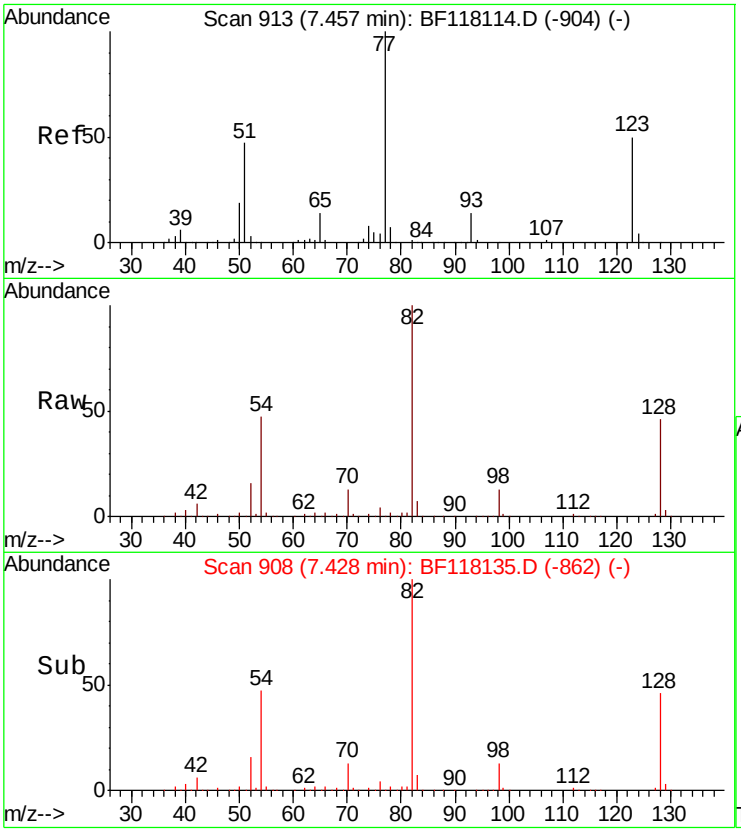


#23
Nitrobenzene-d5
Concen: 65.388 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 82 Resp: 556580

Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.1	58.7
54	46.9	38.2	57.2



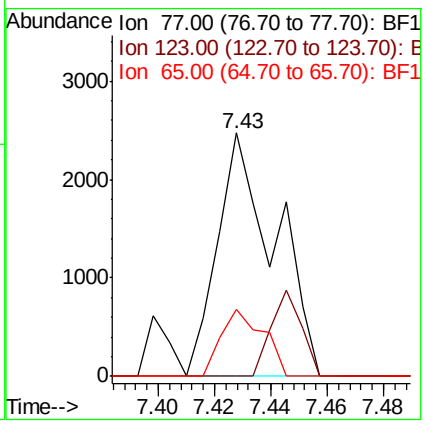


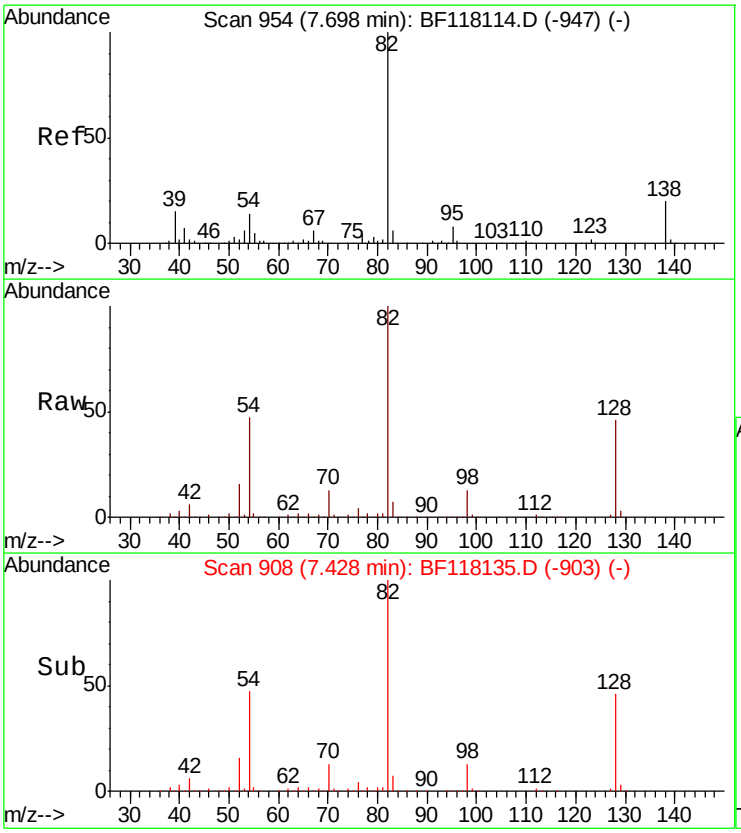
#24
Nitrobenzene
Concen: 0.418 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 3493

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	27.6	10.9	16.3#

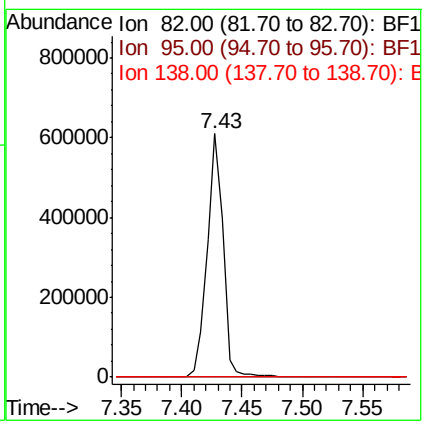


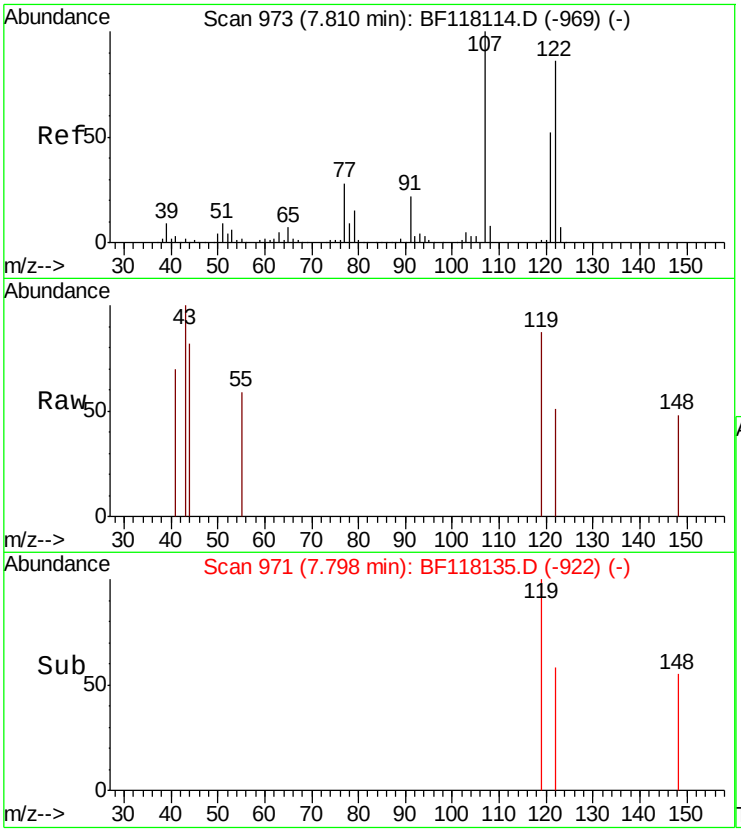


#25
Isophorone
Concen: 38.255 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 82 Resp: 552002

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



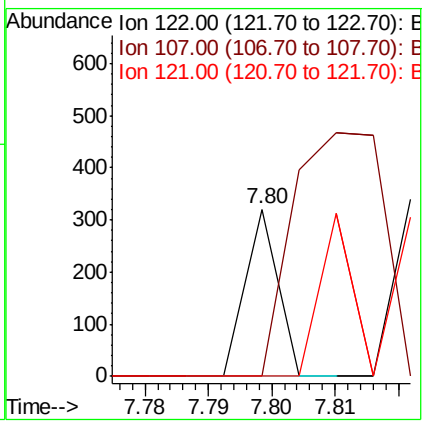


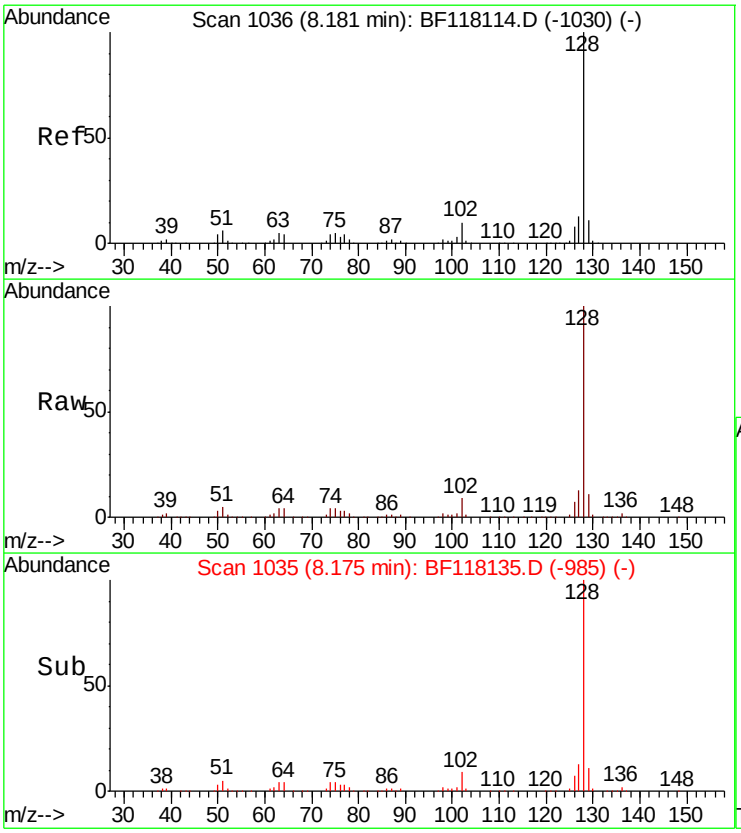
#27
2,4-Dimethylphenol
Concen: 0.019 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 113

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

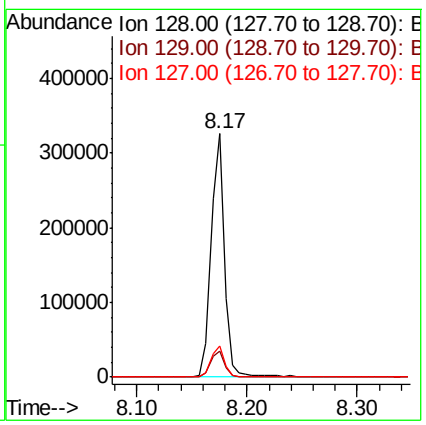


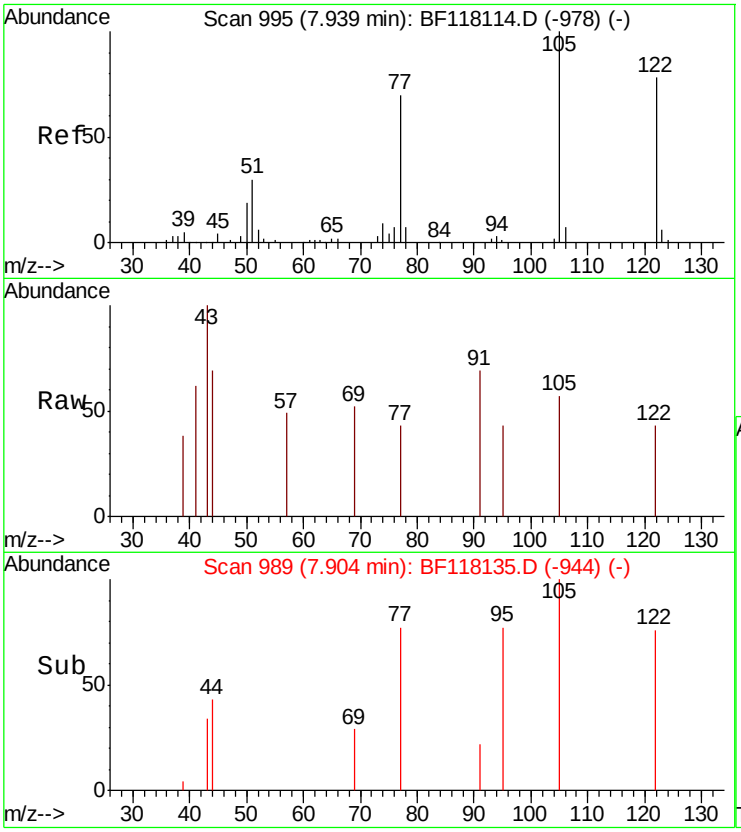


#31
Naphthalene
Concen: 11.197 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:128 Resp: 269277

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.0	10.6	16.0



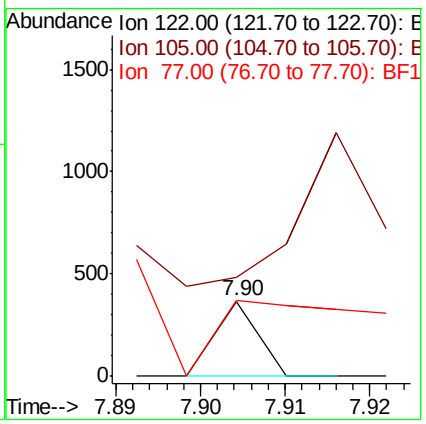


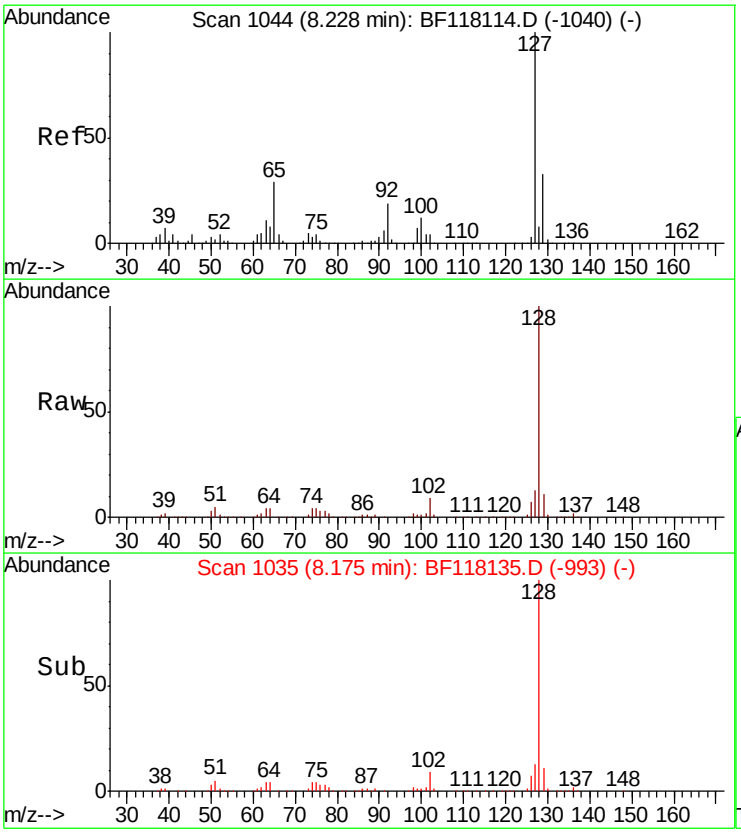
#32
Benzoic acid
Concen: 0.024 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 129

Ion	Ratio	Lower	Upper
122	100		
105	132.0	104.7	144.7
77	101.1	69.1	109.1

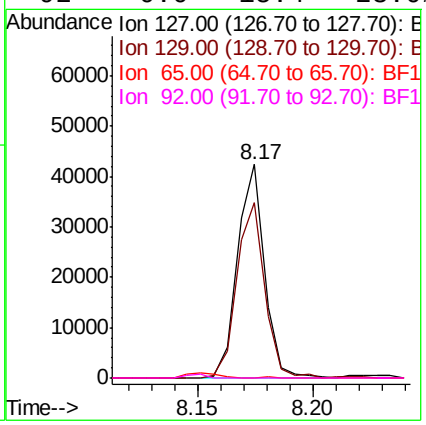


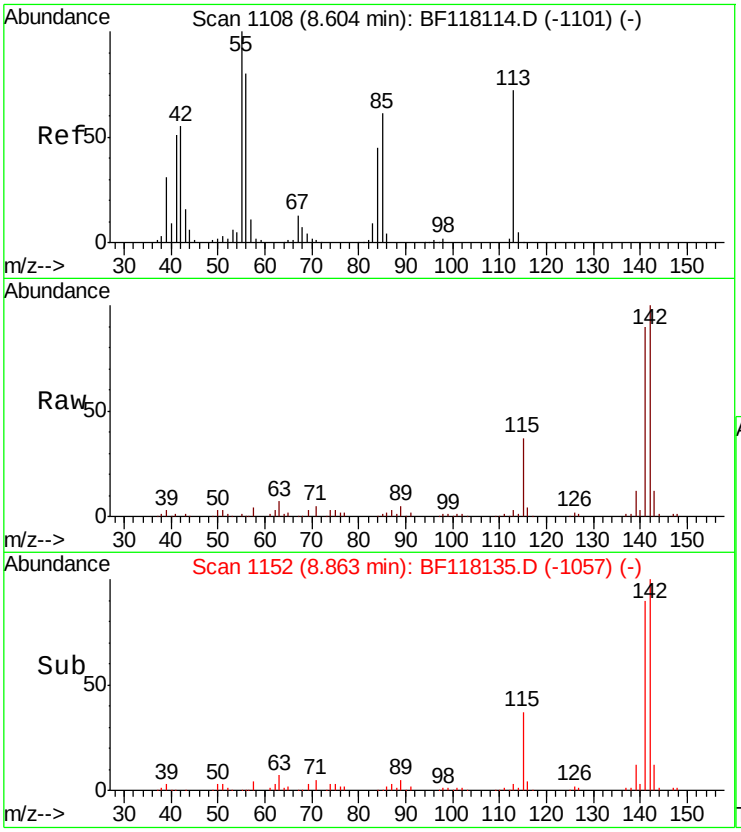


#33
4-Chloroaniline
Concen: 3.332 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:127 Resp: 34603

Ion	Ratio	Lower	Upper
127	100		
129	82.2	26.6	40.0#
65	0.0	23.2	34.8#
92	0.0	15.4	23.0#



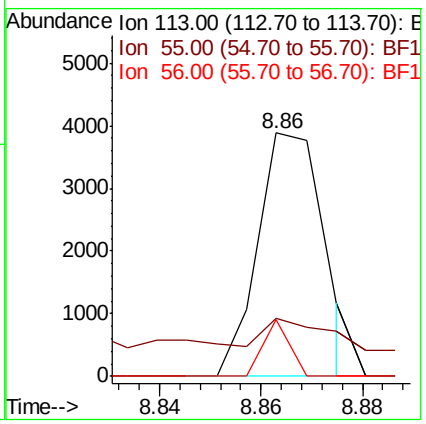


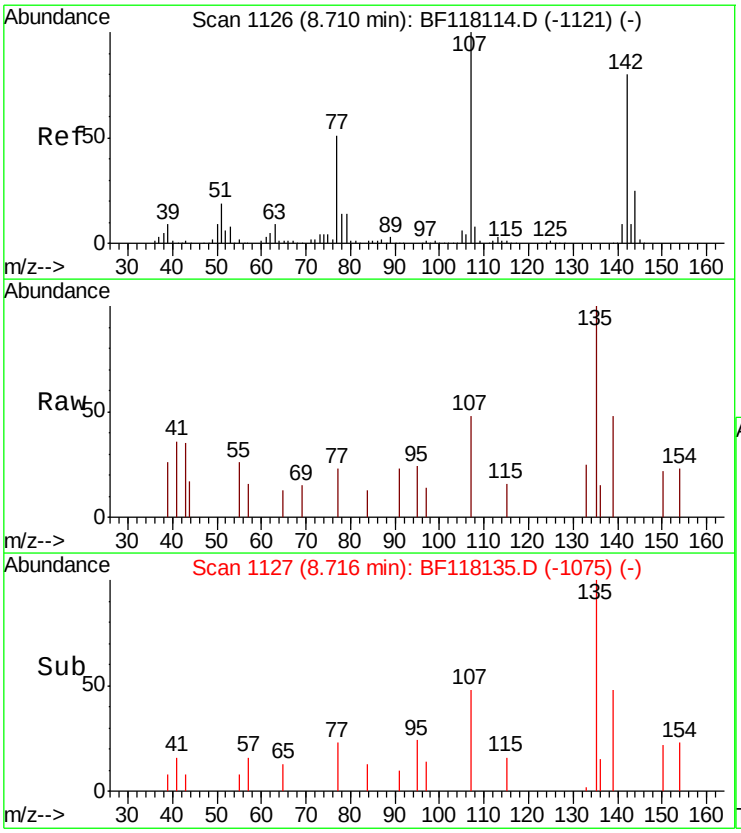
#35
Caprolactam
Concen: 1.628 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.26 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 3489

Ion	Ratio	Lower	Upper
113	100		
55	23.8	118.9	158.9#
56	23.4	91.4	131.4#

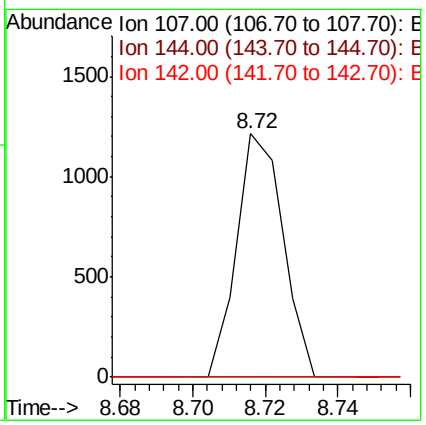


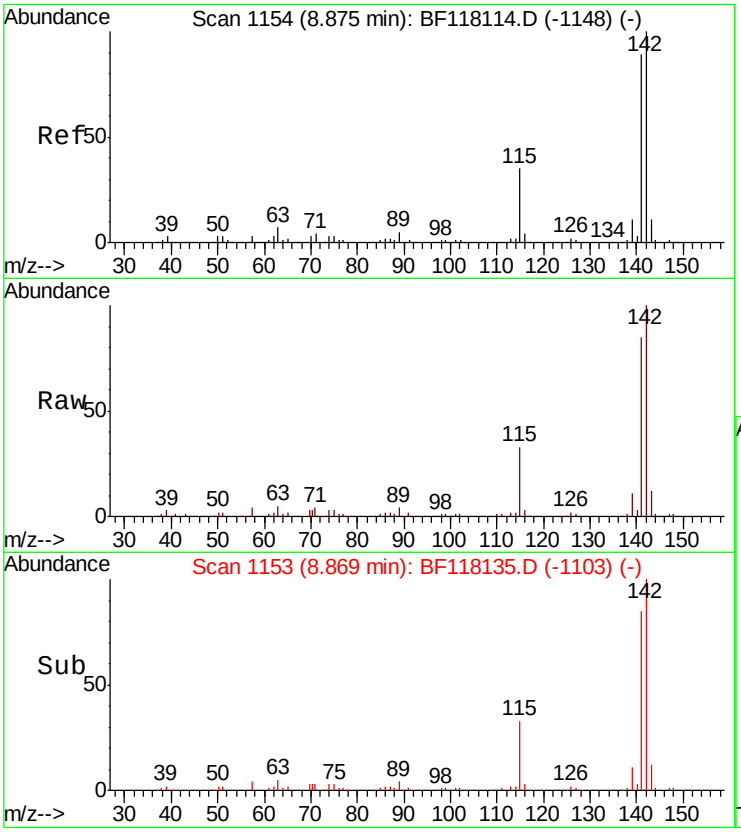


#36
4-Chloro-3-methylphenol
Concen: 0.149 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:107 Resp: 1090

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.3	30.5#
142	0.0	63.7	95.5#

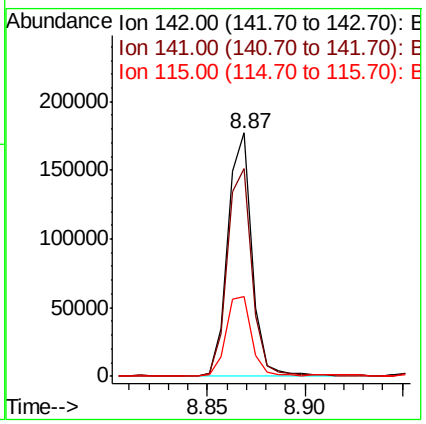




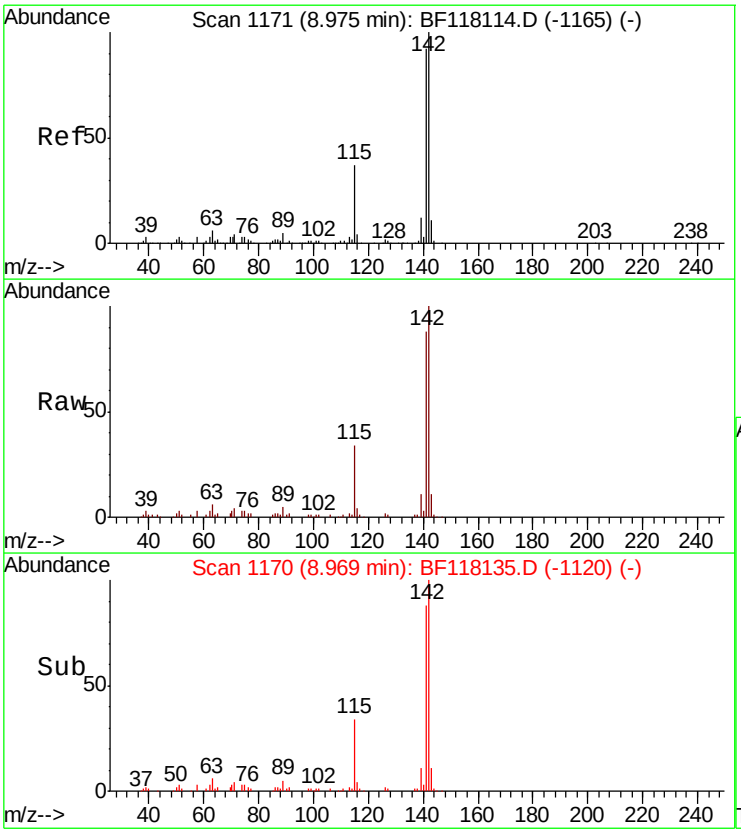
#37
2-Methylnaphthalene
Concen: 9.372 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:142 Resp: 152594

Ion	Ratio	Lower	Upper
142	100		
141	85.1	71.4	107.0
115	33.0	28.2	42.4



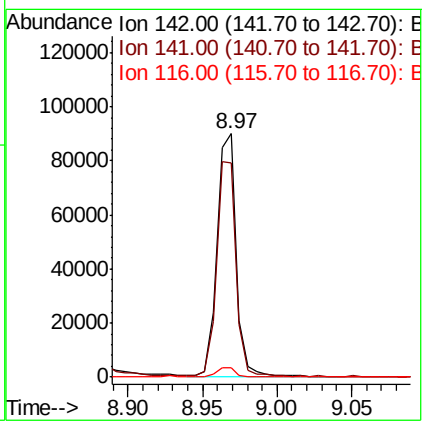
Instrument :
BNA_F
ClientSampleId :

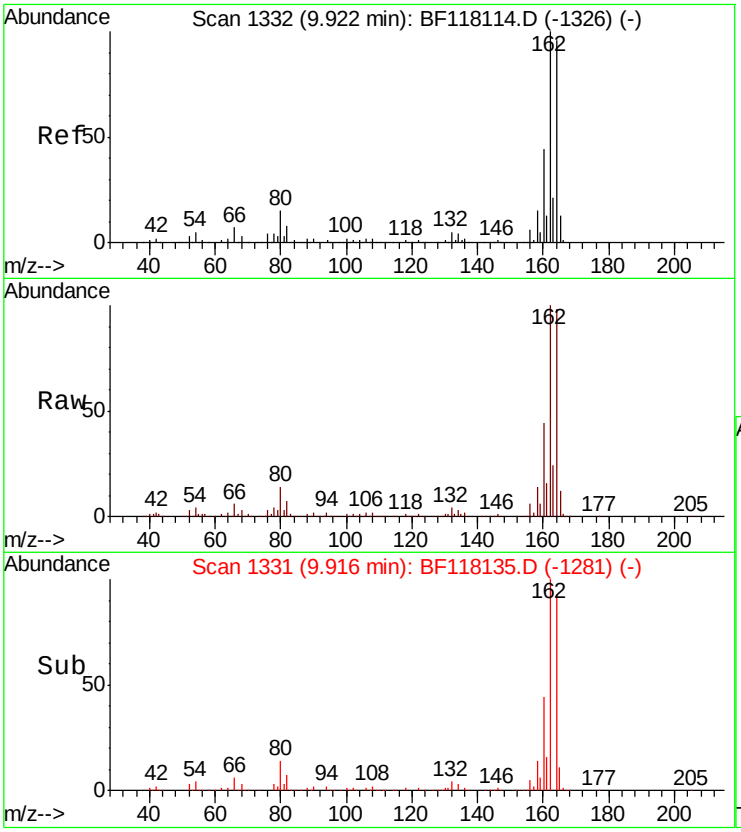


#38
1-Methylnaphthalene
Concen: 5.380 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:142 Resp: 82251

Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.0	111.0
116	4.0	3.2	4.8



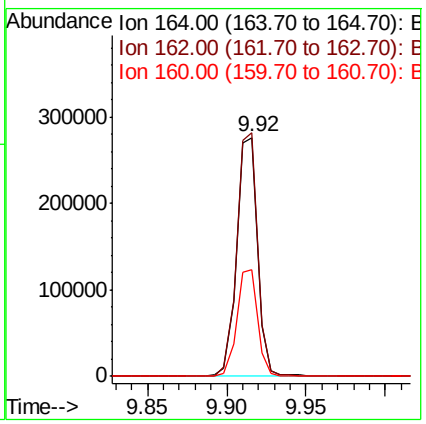


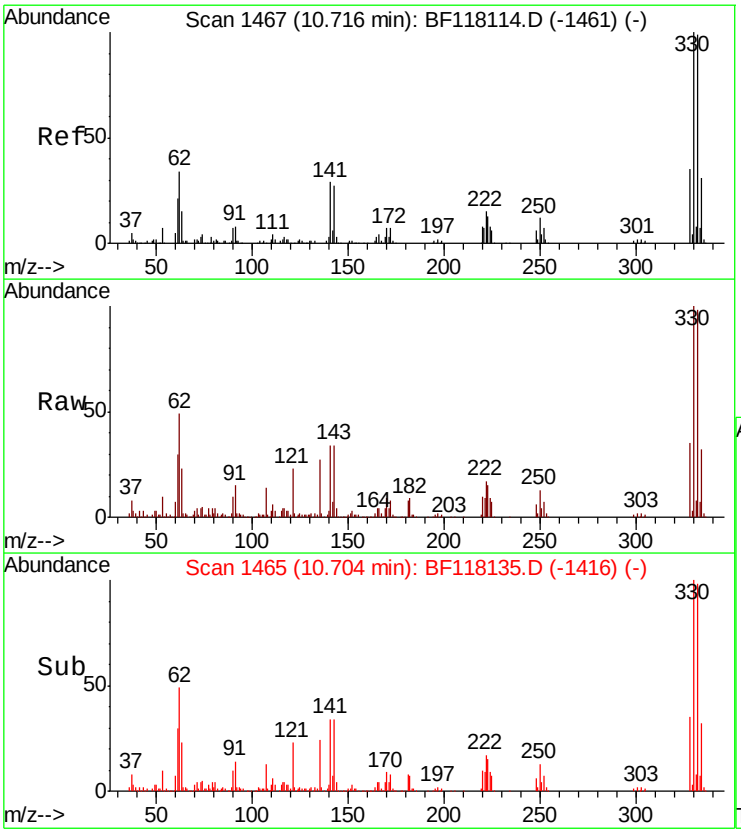
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 252801

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.4	125.0
160	44.7	36.6	54.8

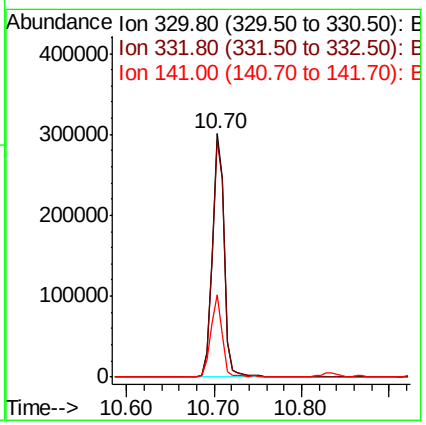


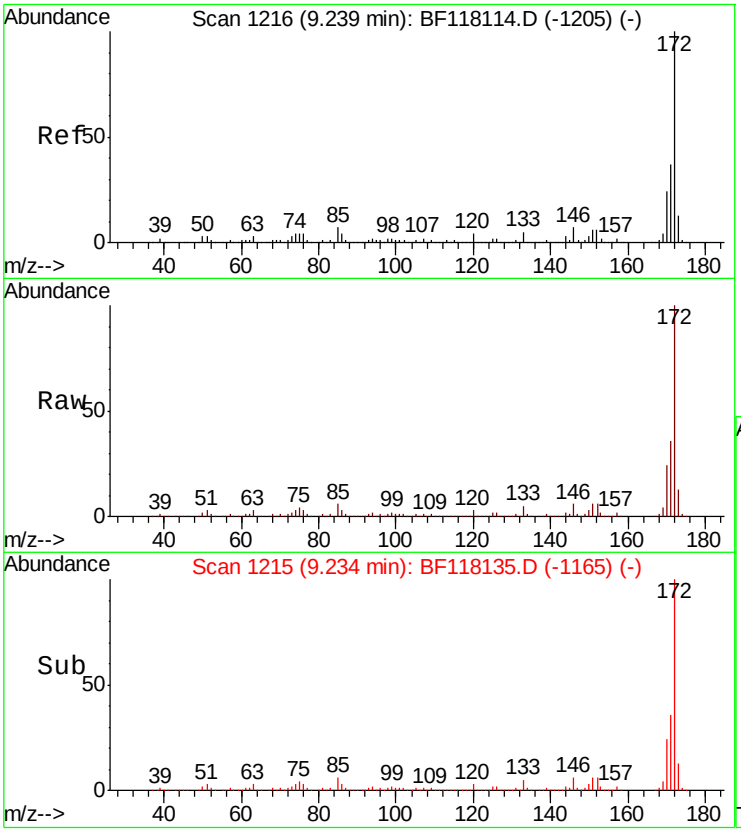


#42
2,4,6-Tribromophenol
Concen: 92.189 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:330 Resp: 283120

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.1	117.1
141	33.9	26.9	40.3



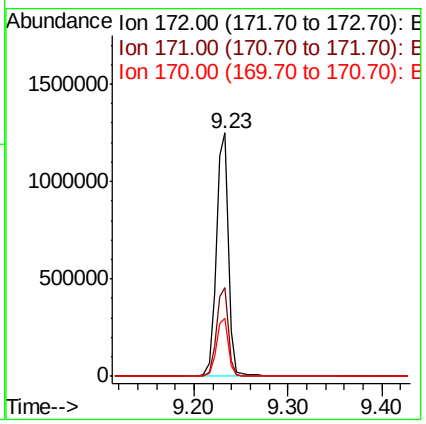


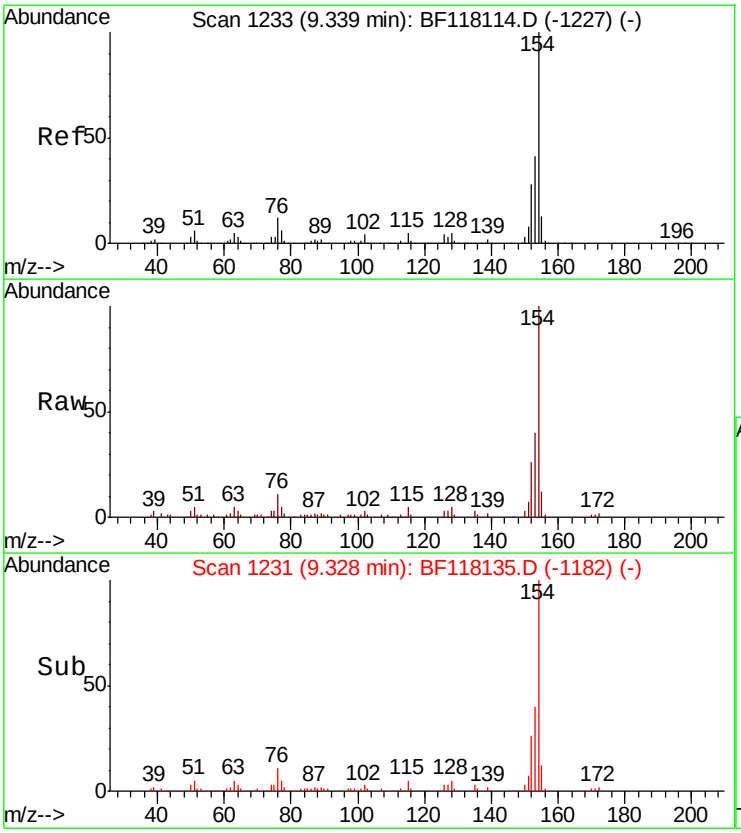
#45
2-Fluorobiphenyl
Concen: 68.134 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1131955

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.0	19.4	29.2

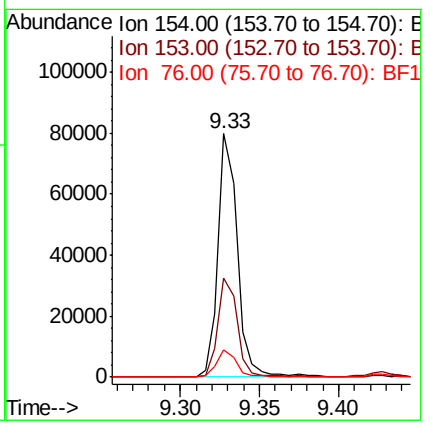


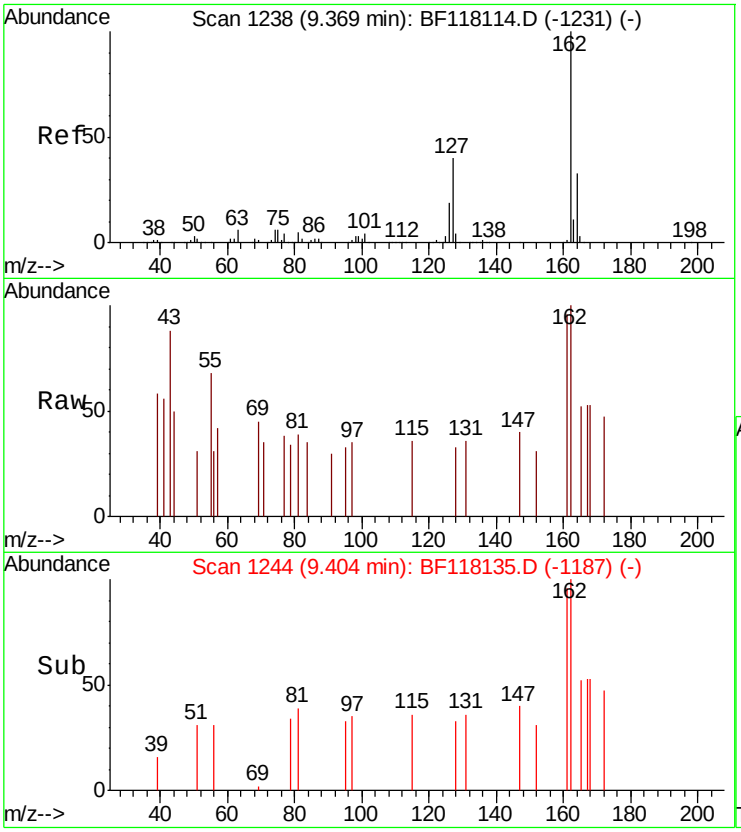


#46
1,1'-Biphenyl
Concen: 3.384 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:154 Resp: 67478

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	11.0	0.0	31.9



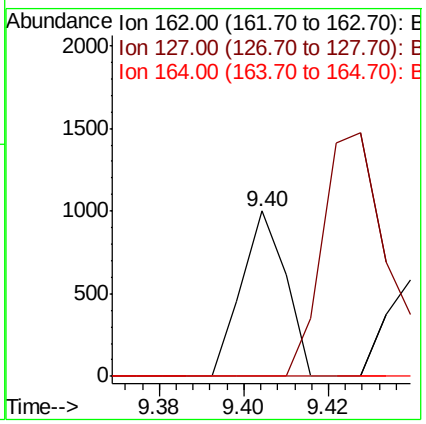


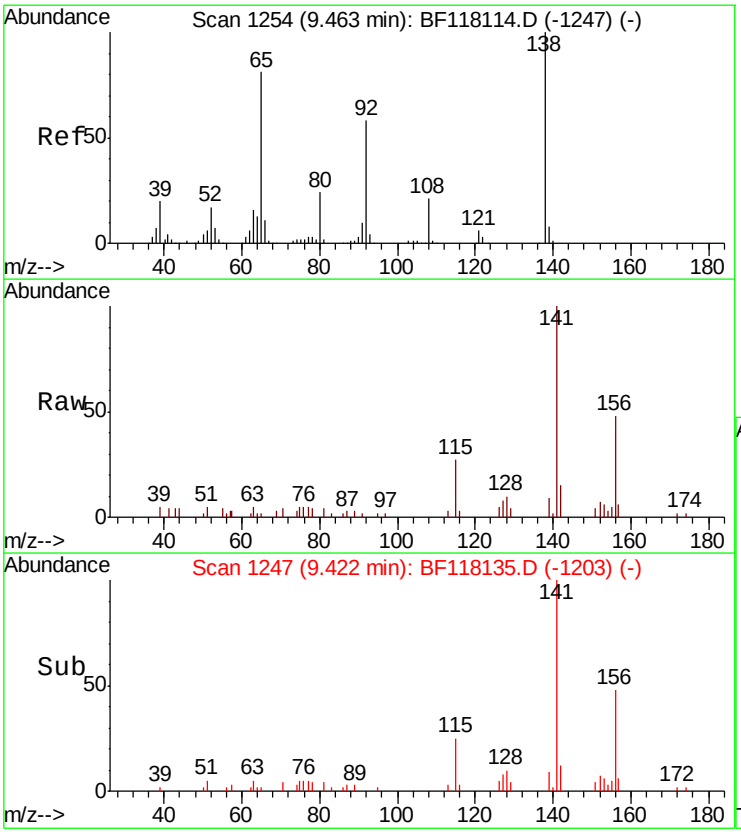
#47
2-Chloronaphthalene
Concen: 0.045 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.04 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 729

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

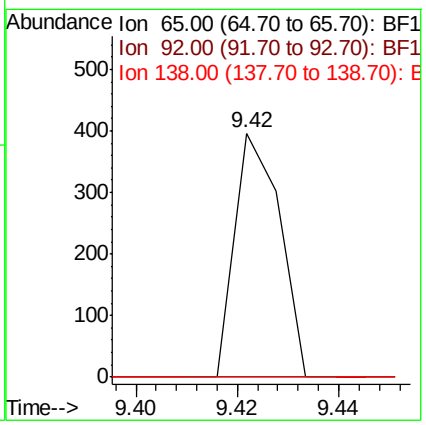


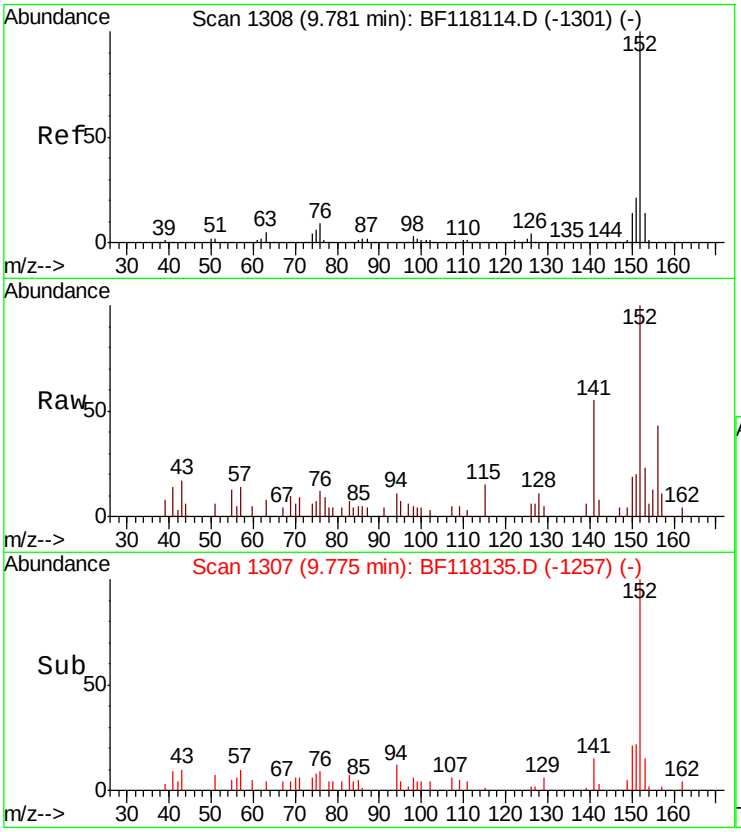


#48
2-Nitroaniline
Concen: 0.054 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.04 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion: 65 Resp: 246

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



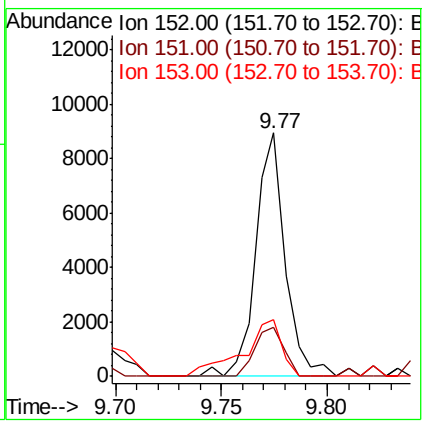


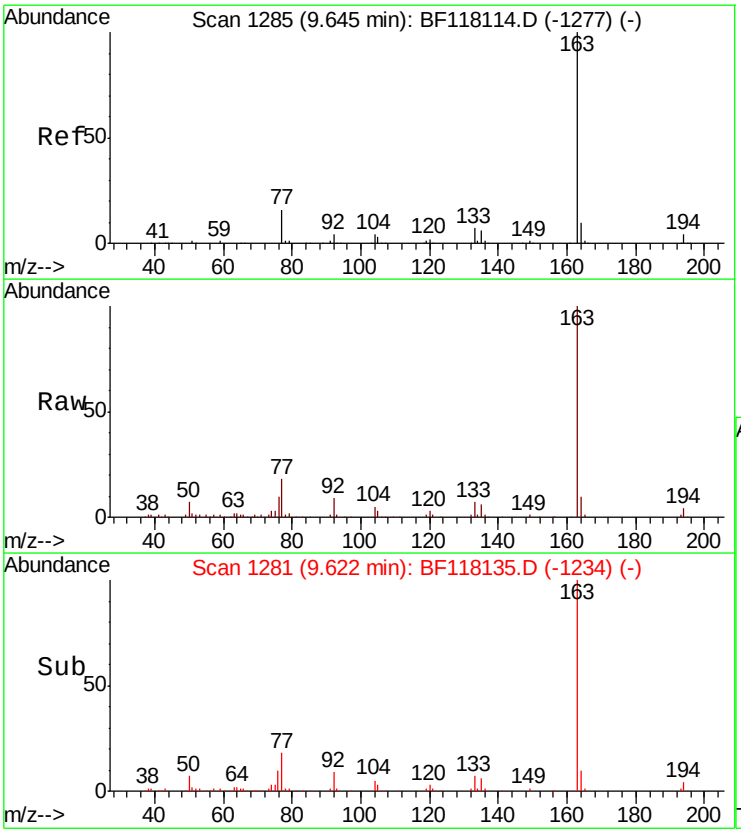
#49
Acenaphthylene
Concen: 0.368 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 8708

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	23.4	10.8	16.2#

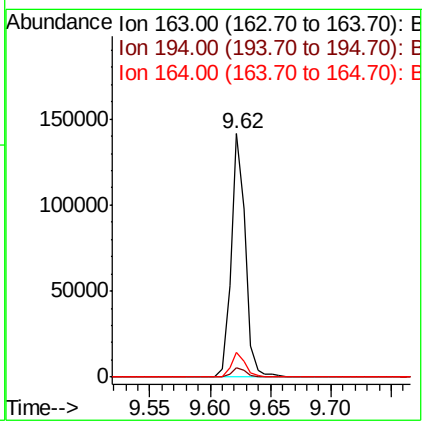


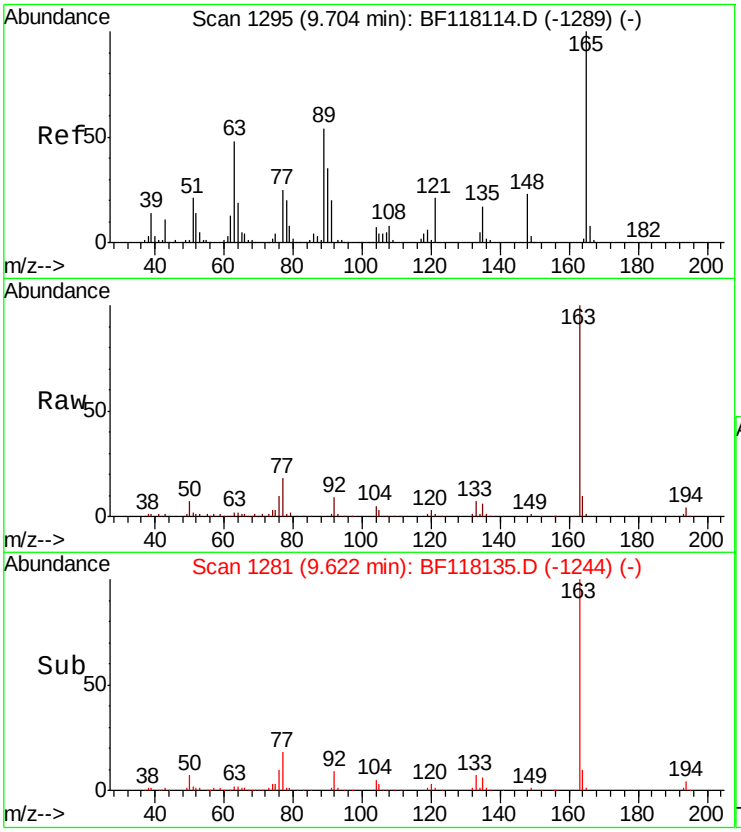


#50
Dimethylphthalate
Concen: 6.186 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:163 Resp: 115505

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.9	7.7	11.5



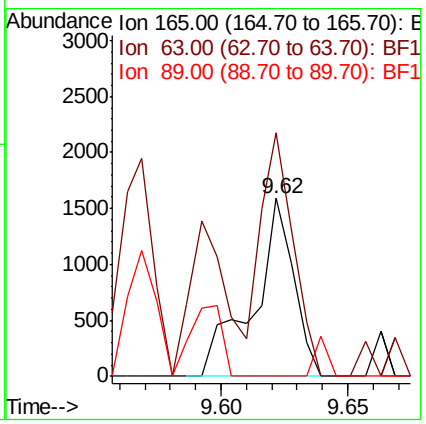


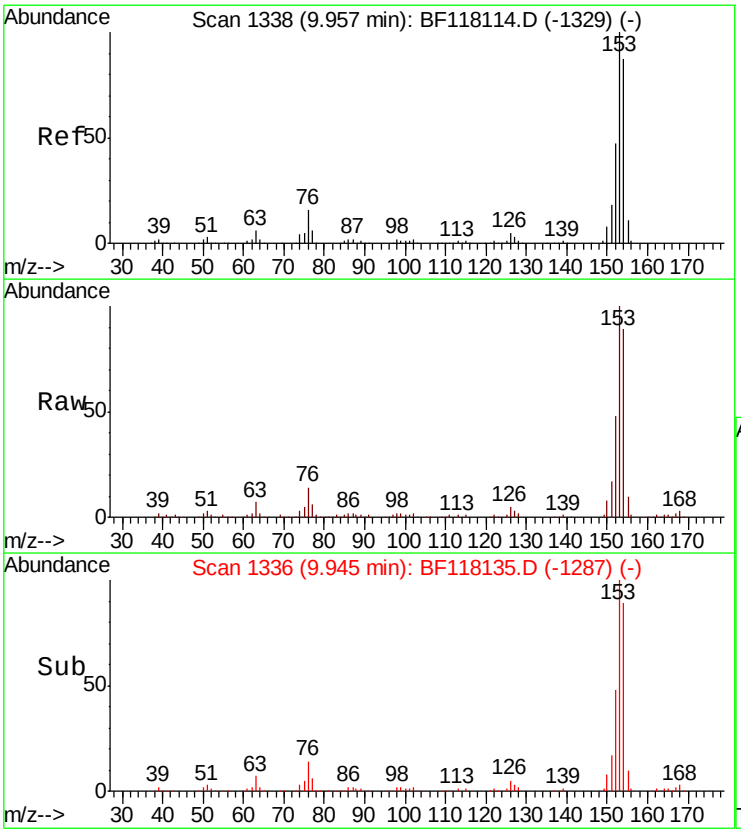
#51
2,6-Dinitrotoluene
Concen: 0.434 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.08 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1762

Ion	Ratio	Lower	Upper
165	100		
63	136.6	41.4	62.0#
89	0.0	42.9	64.3#

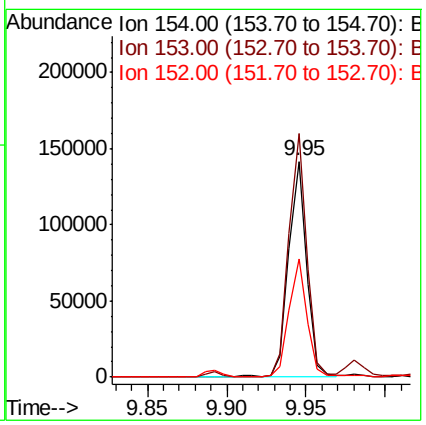


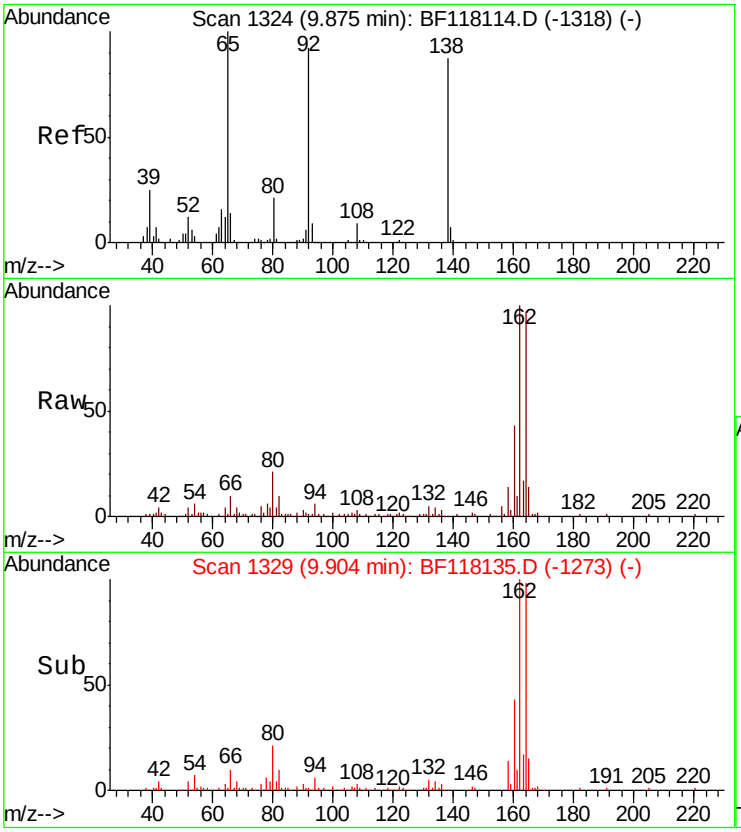


#52
Acenaphthene
Concen: 7.737 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:154 Resp: 111711

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.8	137.6
152	54.5	43.3	64.9



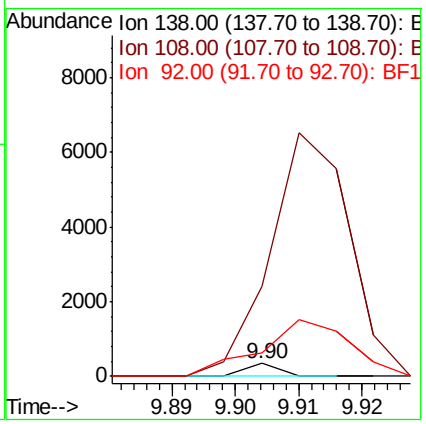


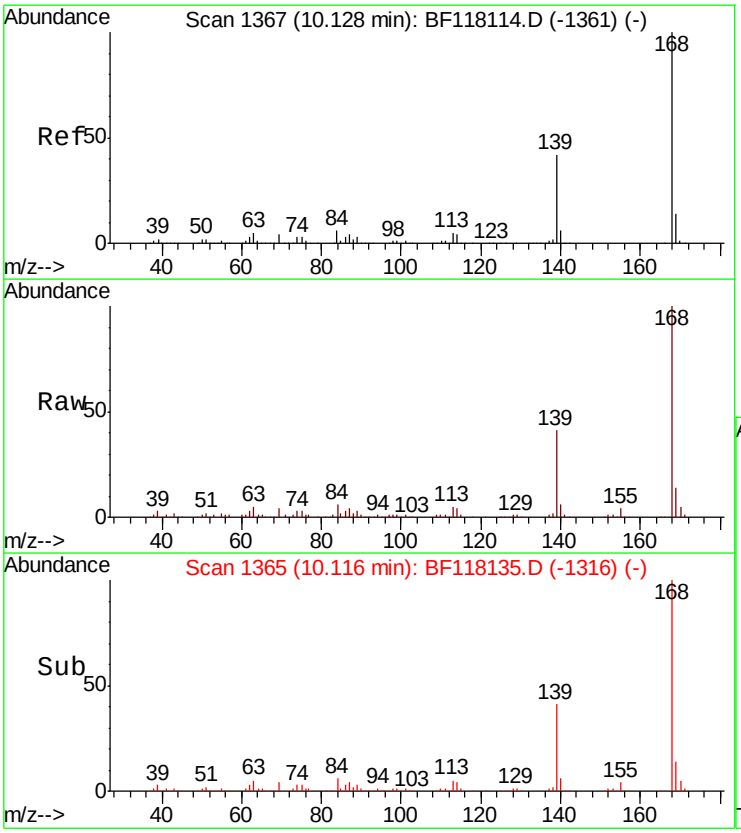
#53
3-Nitroaniline
Concen: 0.026 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.03 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 122

Ion	Ratio	Lower	Upper
138	100		
108	692.5	8.2	12.4#
92	178.6	84.9	127.3#

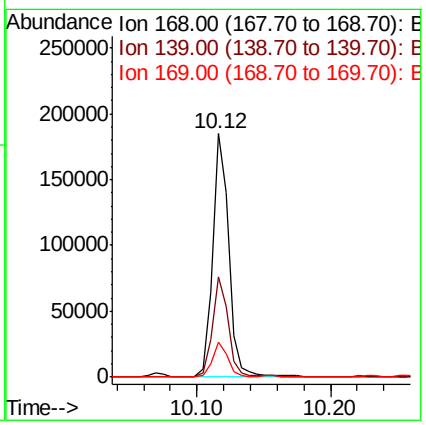


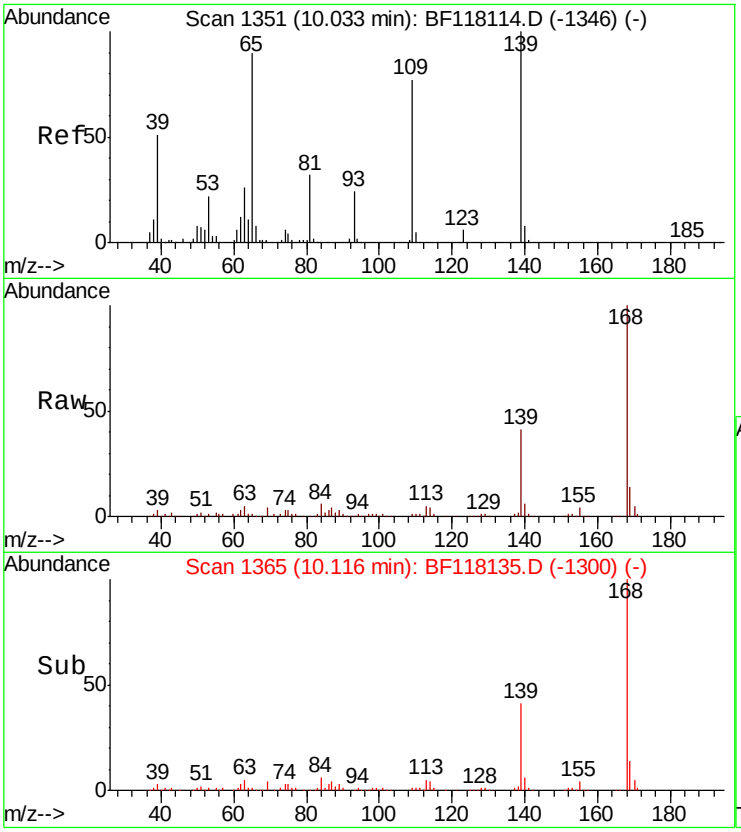


#55
Dibenzofuran
Concen: 7.493 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:168 Resp: 158520

Ion	Ratio	Lower	Upper
168	100		
139	41.3	33.4	50.0
169	14.3	11.0	16.6



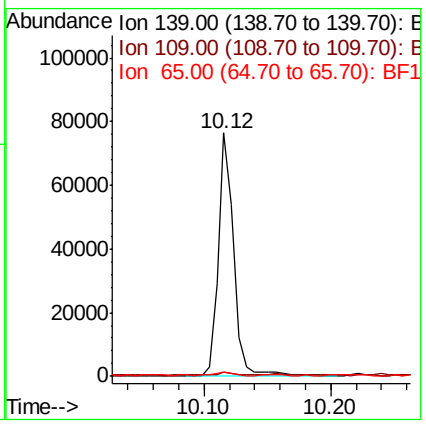


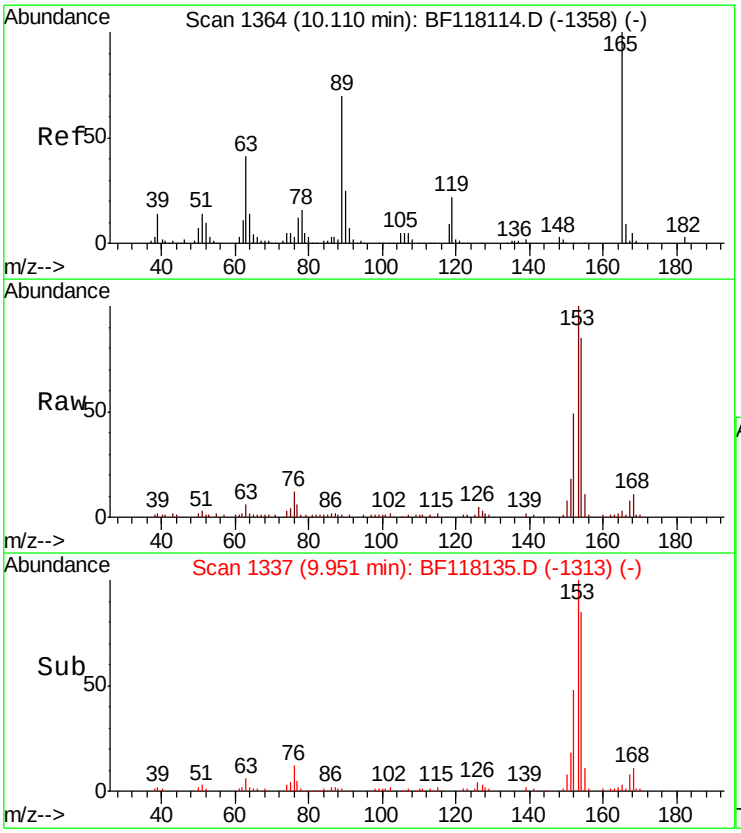
#56
4-Nitrophenol
Concen: 19.778 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 65588

Ion	Ratio	Lower	Upper
139	100		
109	2.0	57.3	97.3#
65	1.7	70.2	110.2#

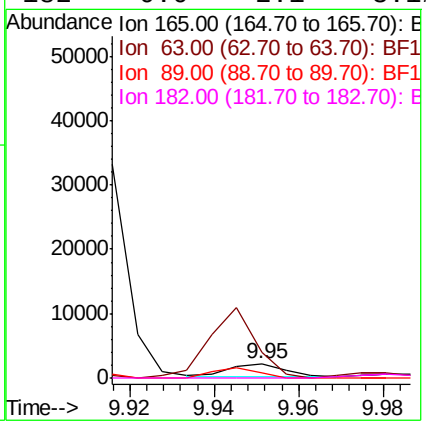


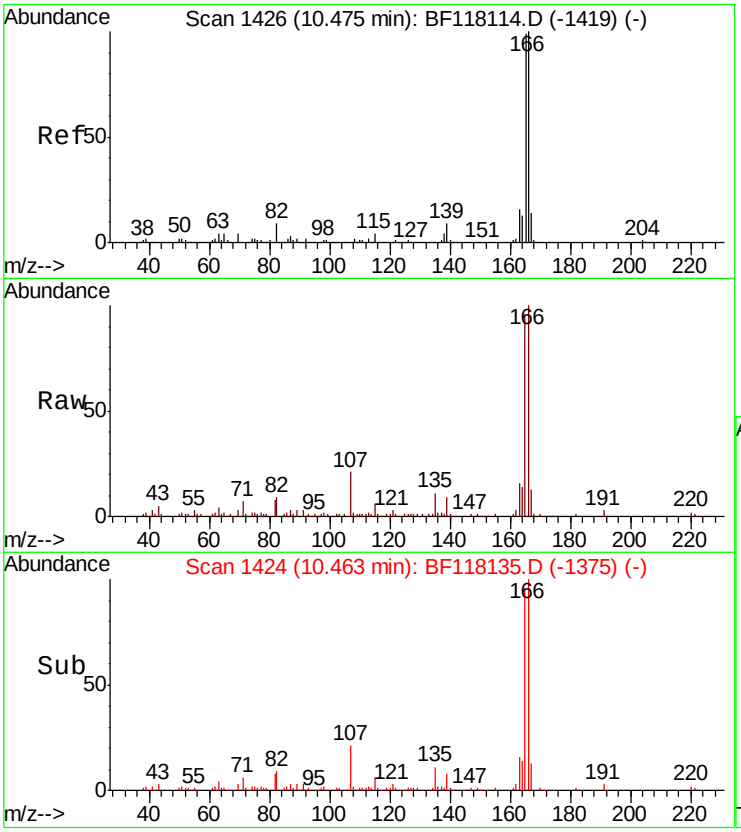


#57
2,4-Dinitrotoluene
Concen: 0.334 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.16 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:165 Resp: 1810

Ion	Ratio	Lower	Upper
165	100		
63	171.8	32.6	49.0#
89	35.9	56.1	84.1#
182	0.0	2.1	3.1#



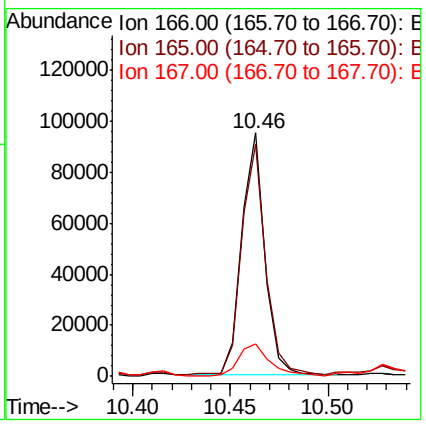


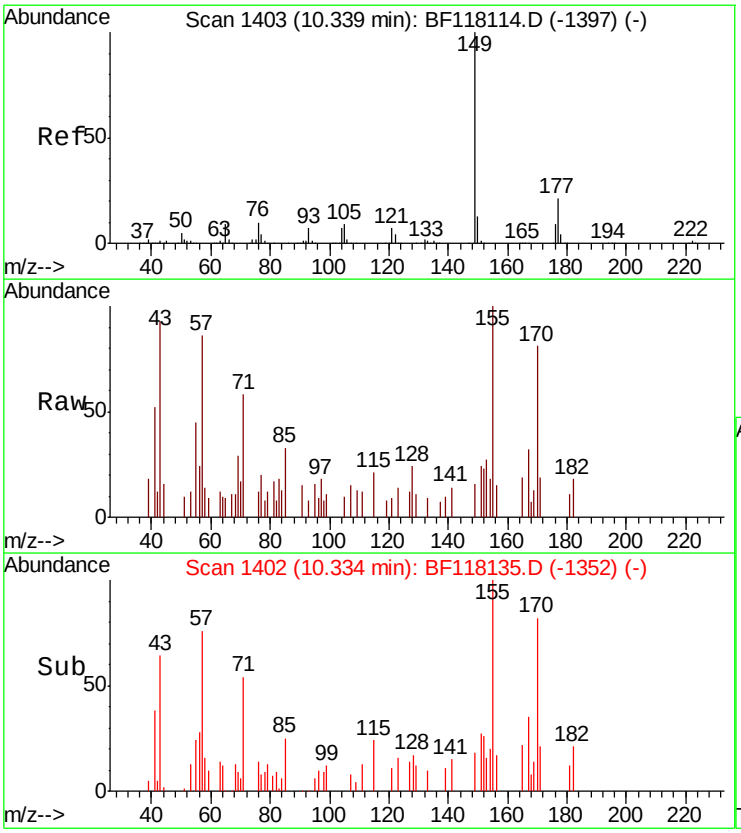
#58
Fluorene
Concen: 4.626 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 77769

Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.0	118.4
167	13.5	10.9	16.3

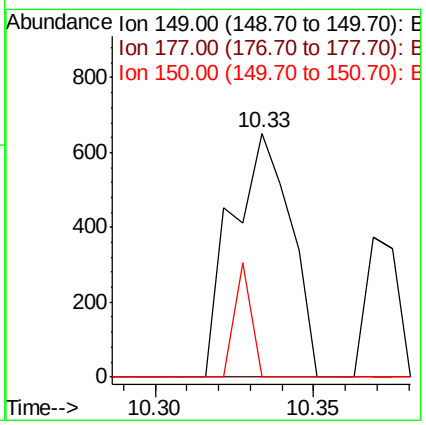


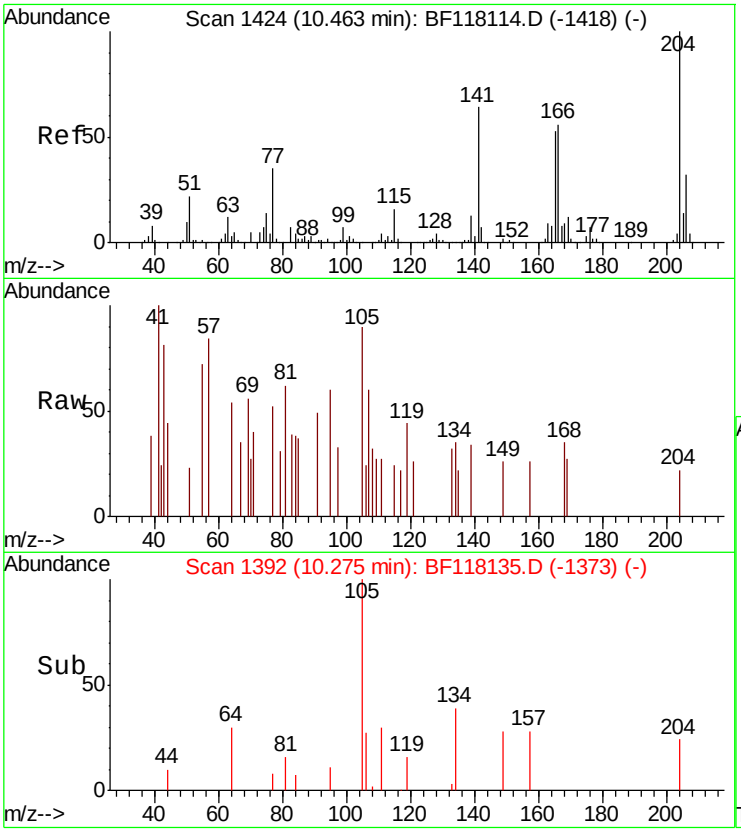


#60
Diethylphthalate
Concen: 0.045 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:149 Resp: 837

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



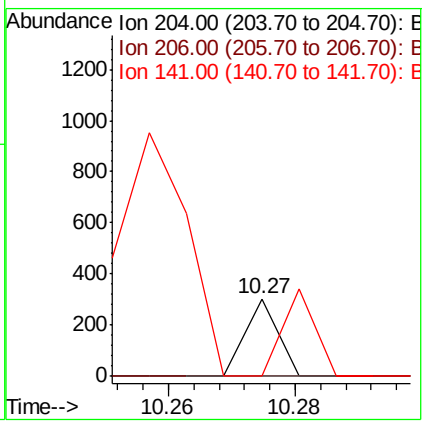


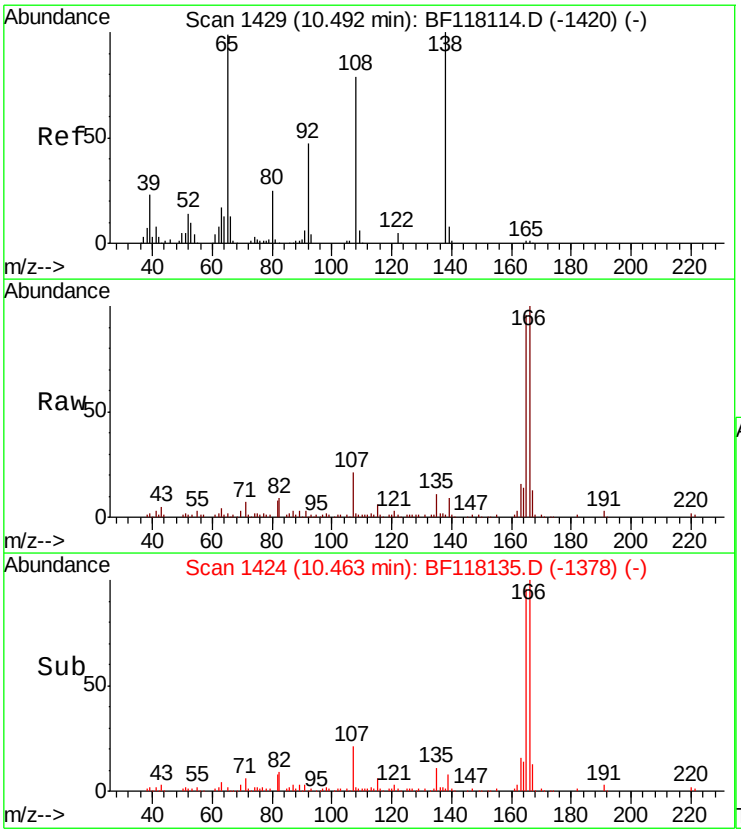
#61
4-Chlorophenyl-phenylether
Concen: 0.013 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.19 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 107

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.0	39.0#
141	0.0	51.0	76.6#

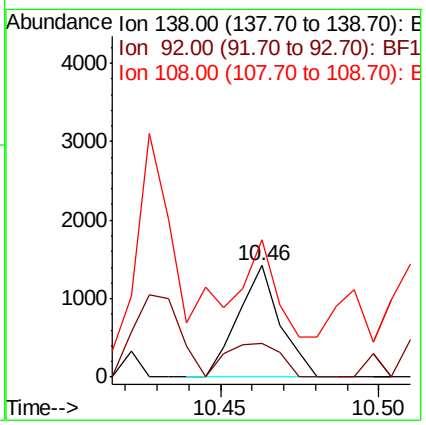


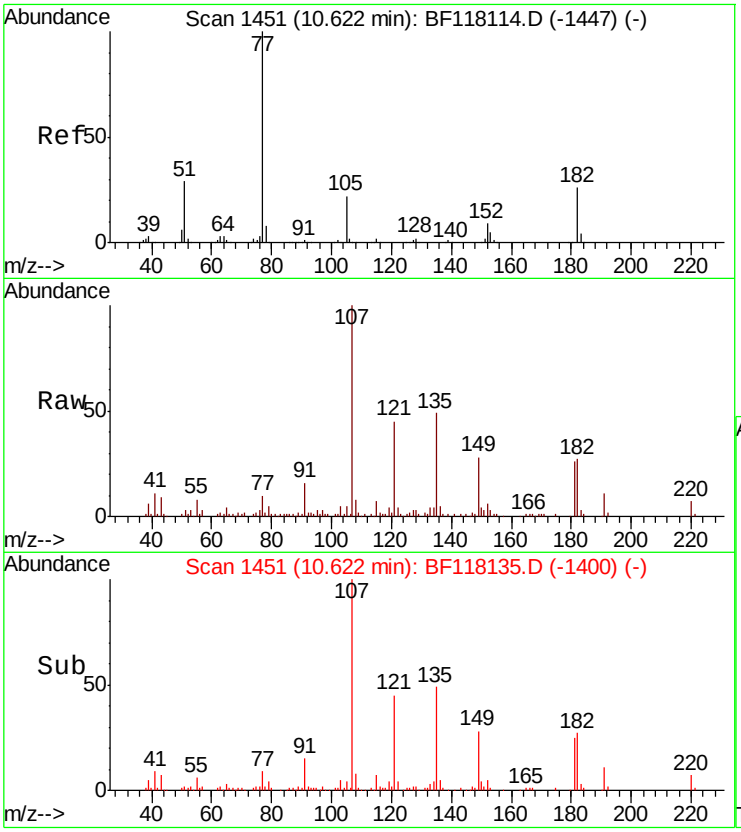


#62
4-Nitroaniline
Concen: 0.261 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:138 Resp: 1299

Ion	Ratio	Lower	Upper
138	100		
92	30.7	27.1	67.1
108	123.8	59.0	99.0#



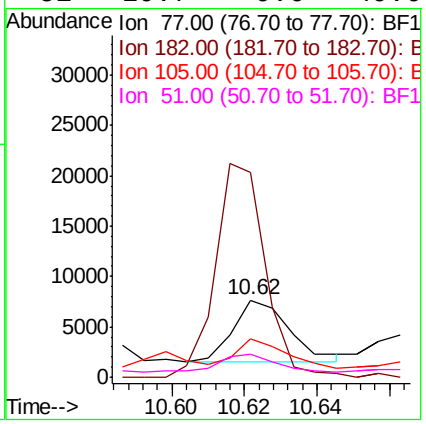


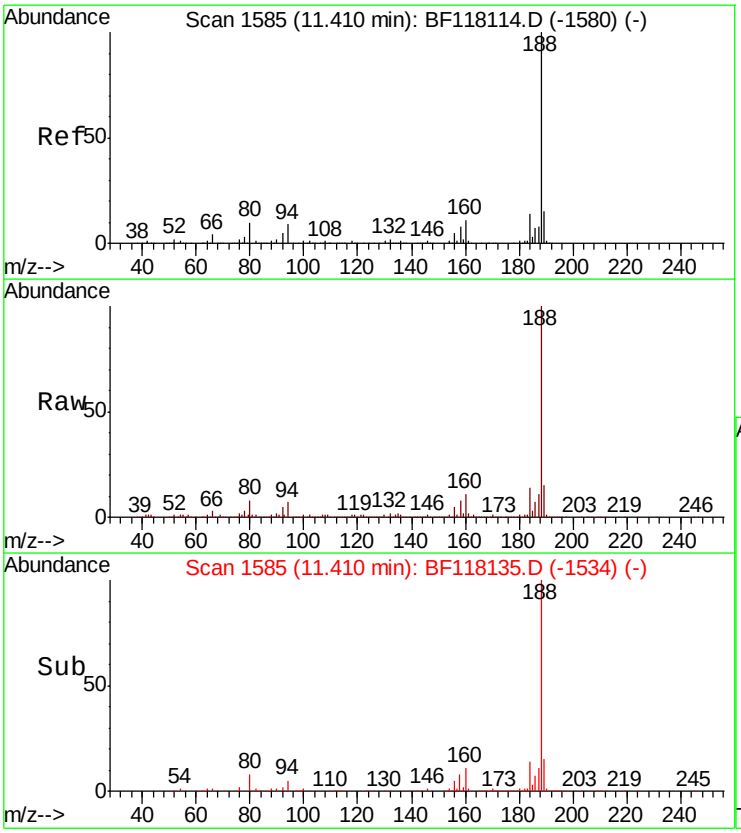
#63
Azobenzene
Concen: 0.415 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 6516

Ion	Ratio	Lower	Upper
77	100		
182	266.6	5.7	45.7#
105	49.3	2.2	42.2#
51	29.7	9.6	49.6

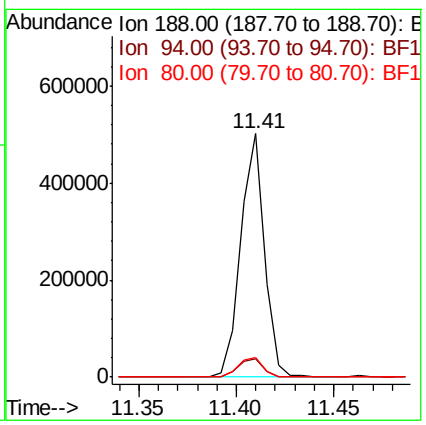


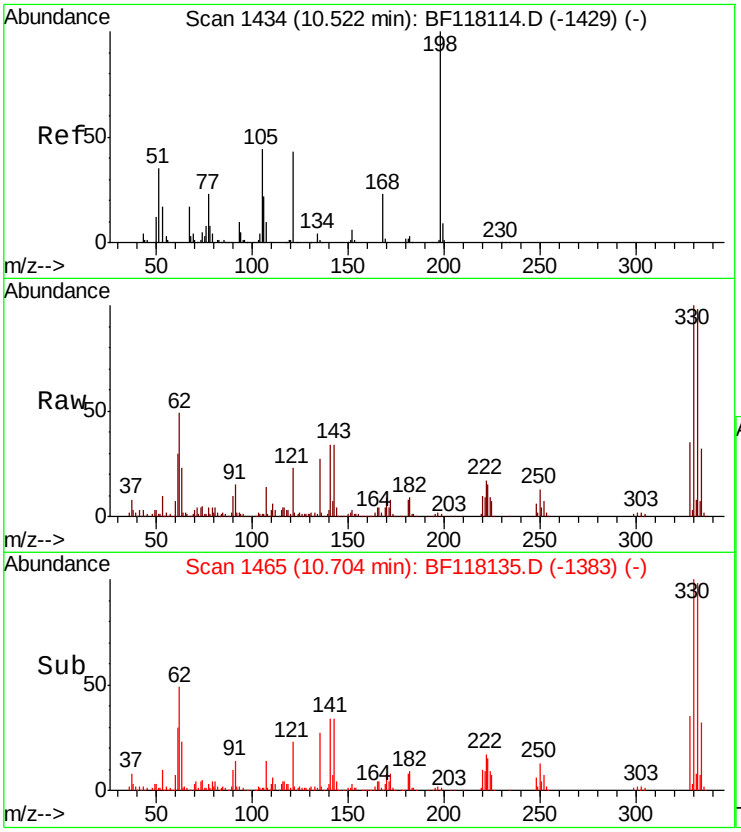


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:188 Resp: 421566

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.2	7.9	11.9



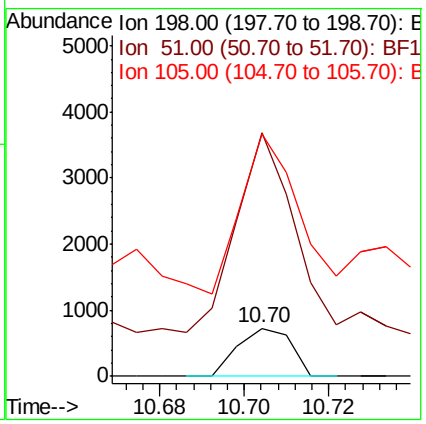


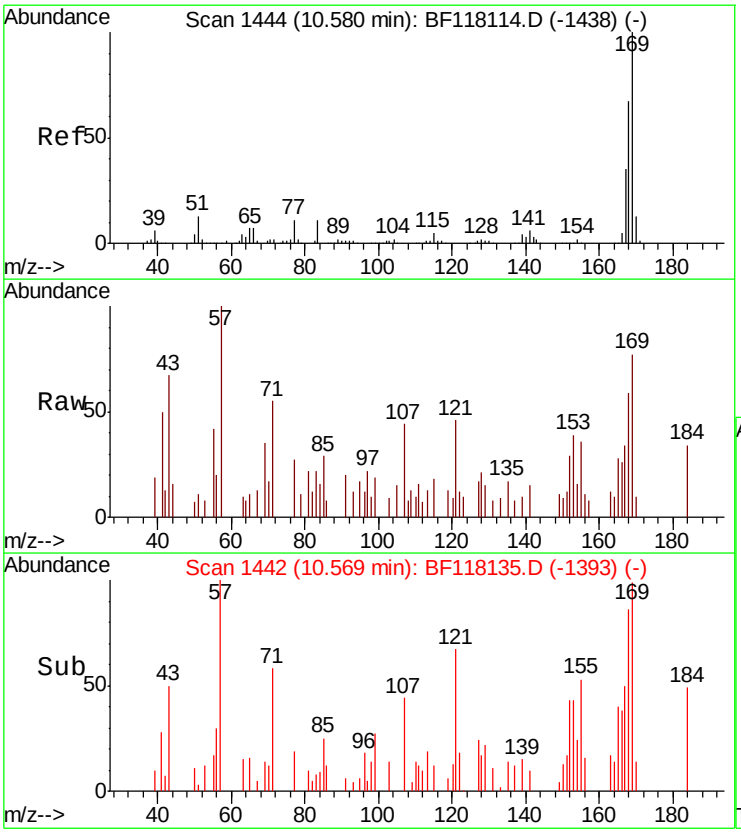
#65
4,6-Dinitro-2-methylphenol
Concen: 0.273 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 635

Ion	Ratio	Lower	Upper
198	100		
51	509.5	22.0	62.0#
105	508.2	25.6	65.6#

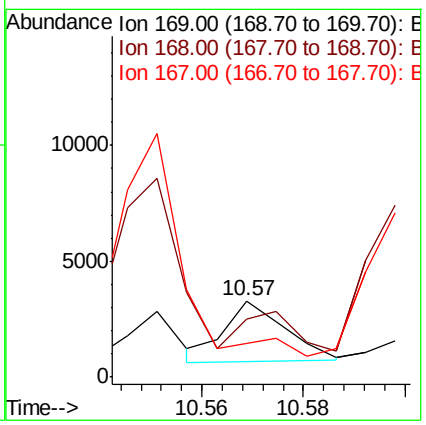


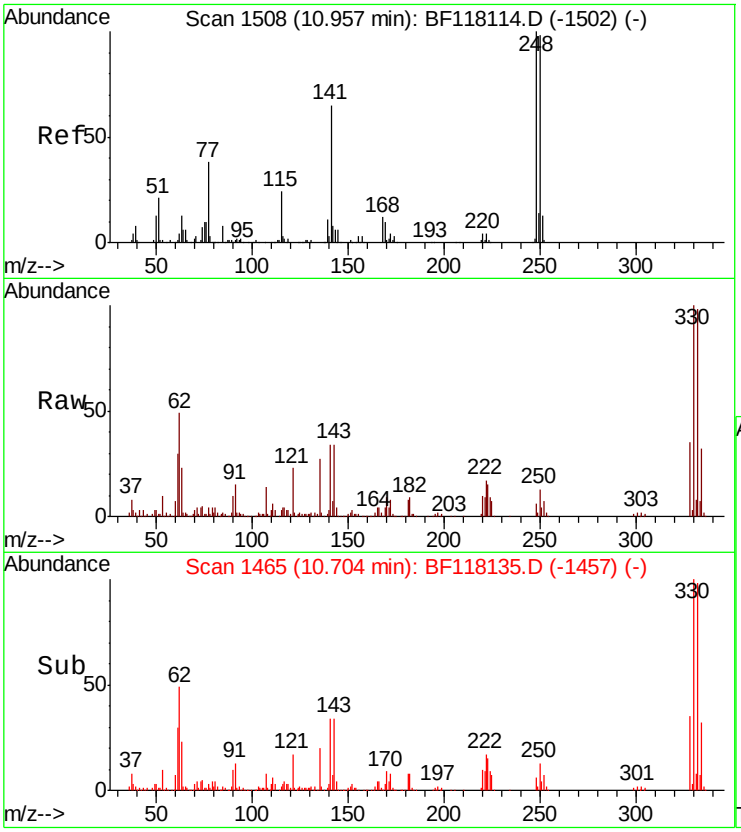


#66
n-Nitrosodiphenylamine
Concen: 0.166 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:169 Resp: 2183

Ion	Ratio	Lower	Upper
169	100		
168	76.7	53.4	80.2
167	44.6	28.4	42.6#



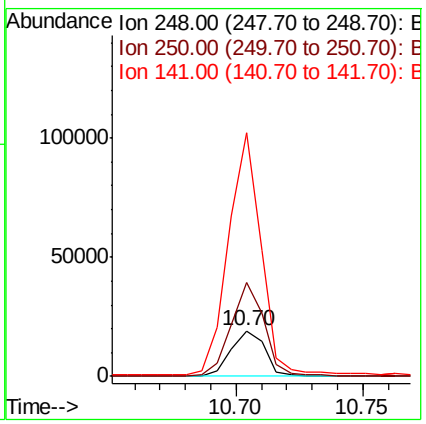


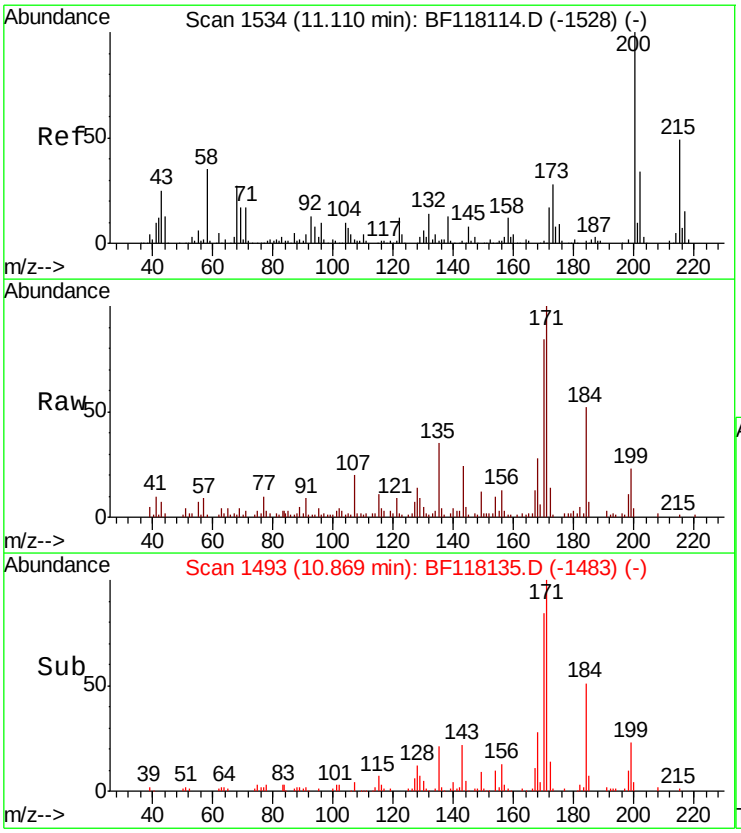
#67
4-Bromophenyl-phenylether
Concen: 3.691 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17763

Ion	Ratio	Lower	Upper
248	100		
250	207.4	78.3	117.5#
141	534.6	52.2	78.4#

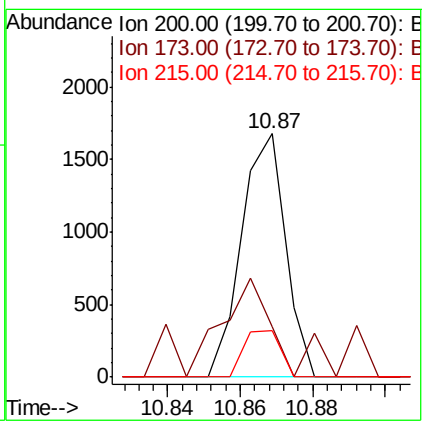


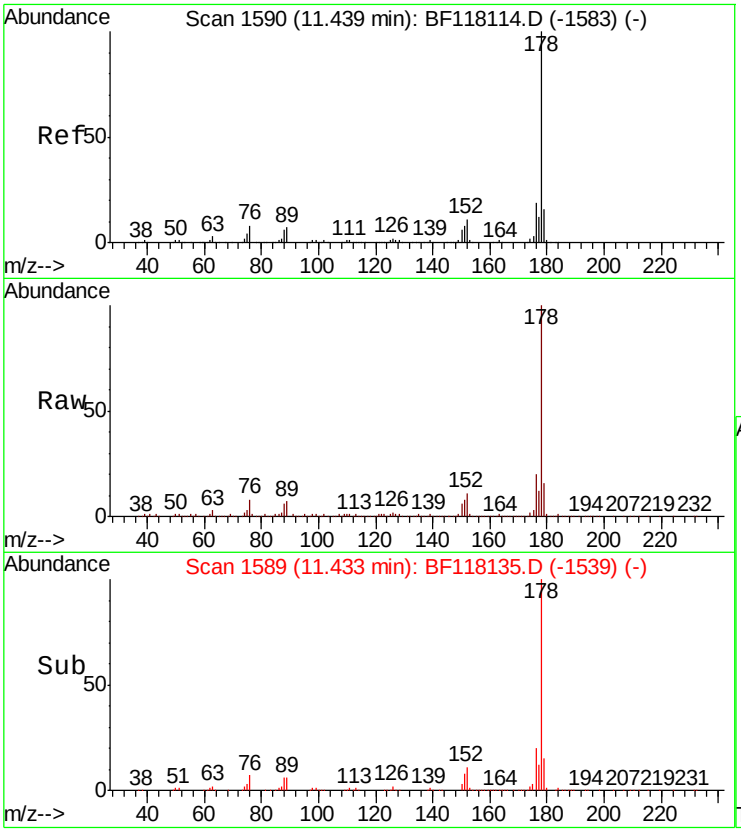


#69
Atrazine
Concen: 0.412 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.24 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:200 Resp: 1413

Ion	Ratio	Lower	Upper
200	100		
173	20.5	8.1	48.1
215	19.1	29.0	69.0#



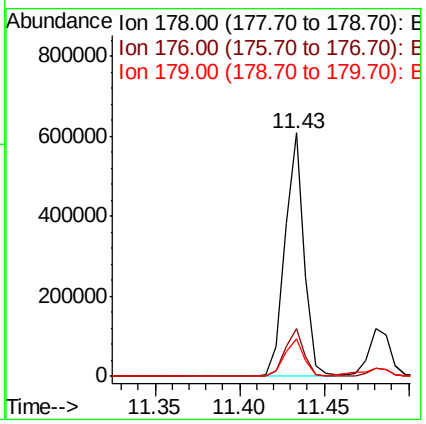


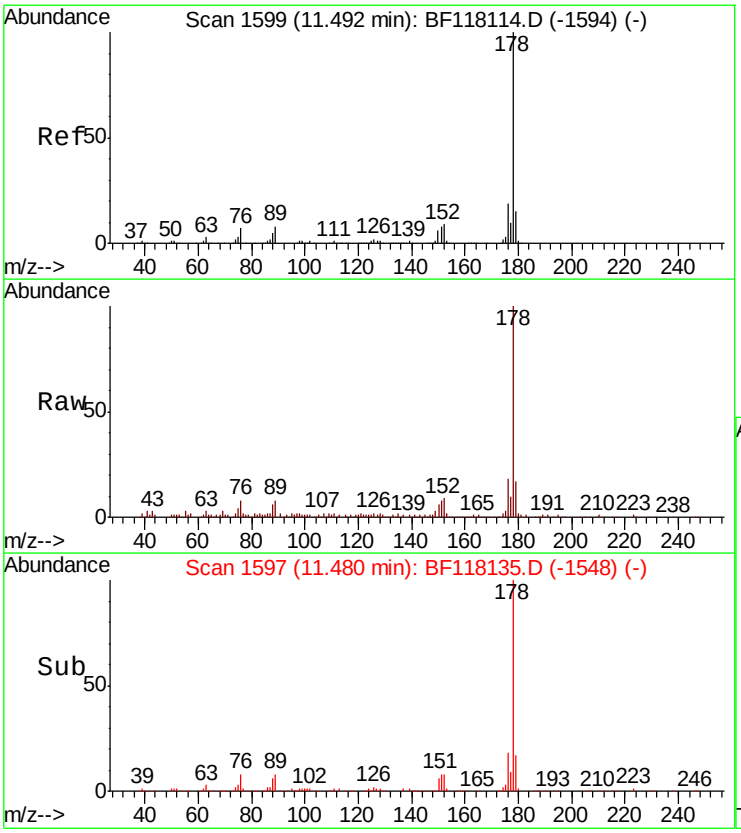
#71
Phenanthrene
Concen: 21.431 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 480270

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.5	12.6	18.8

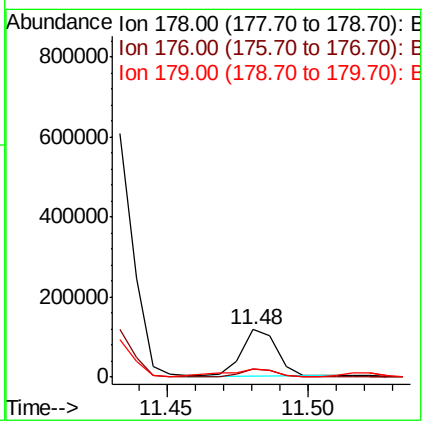


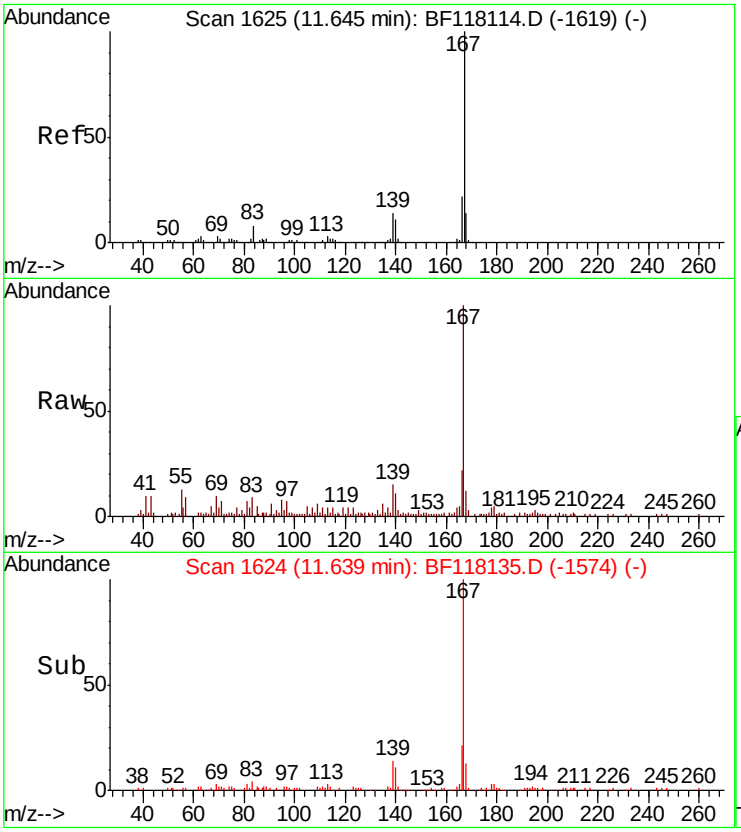


#72
Anthracene
Concen: 4.578 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:178 Resp: 102346

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.6
179	17.1	12.2	18.4



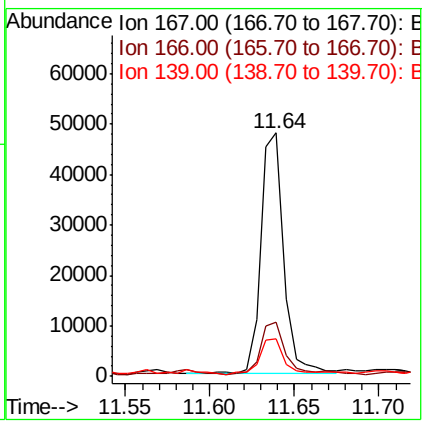


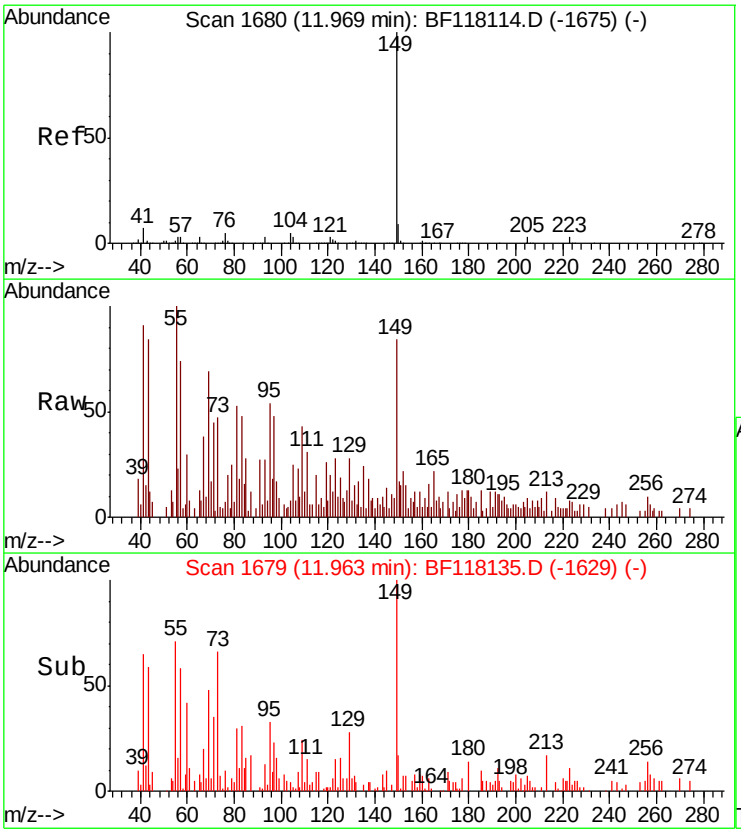
#73
Carbazole
Concen: 2.240 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 44934

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.2
139	15.4	11.4	17.0

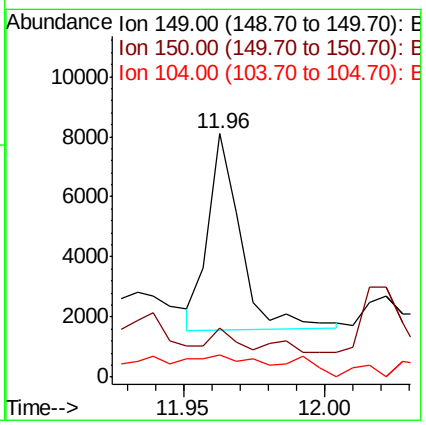


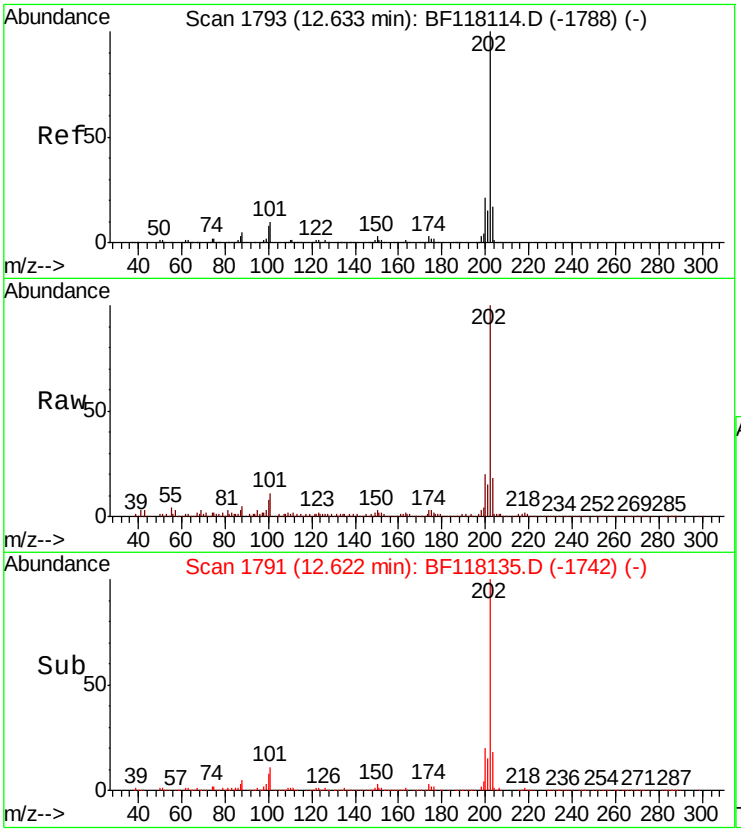


#74
Di-n-butylphthalate
Concen: 0.207 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:149 Resp: 5198

Ion	Ratio	Lower	Upper
149	100		
150	20.1	7.4	11.2#
104	9.3	4.3	6.5#



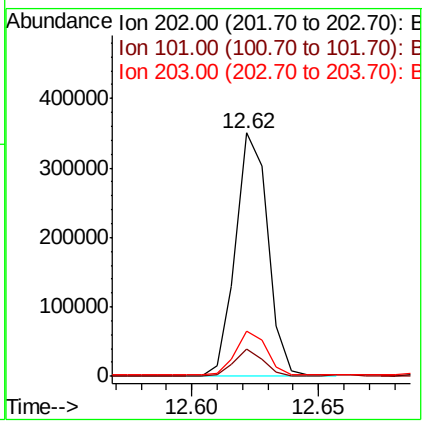


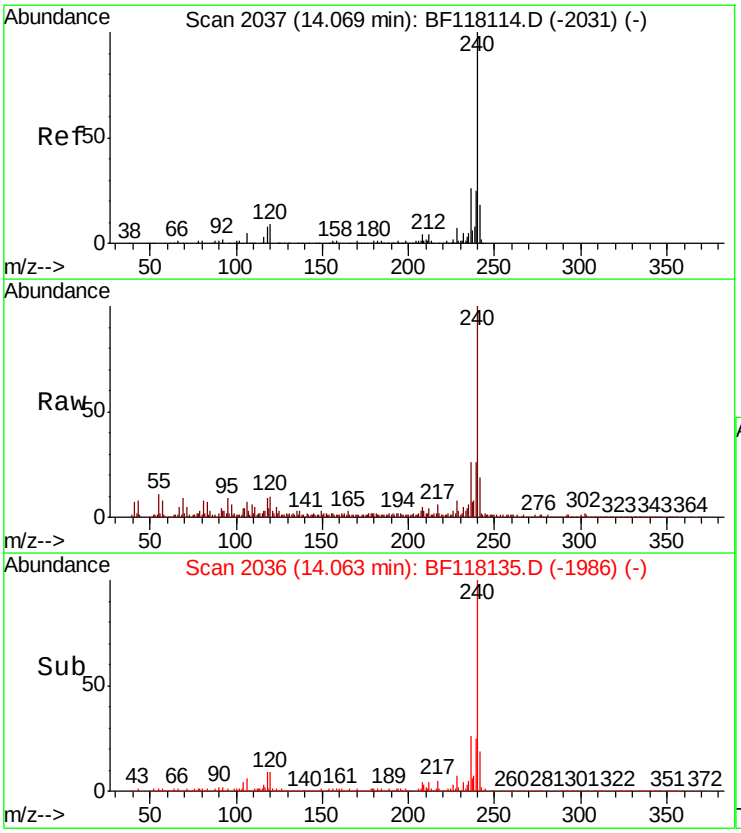
#75
Fluoranthene
Concen: 13.551 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 310481

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.4
203	18.4	0.0	37.2

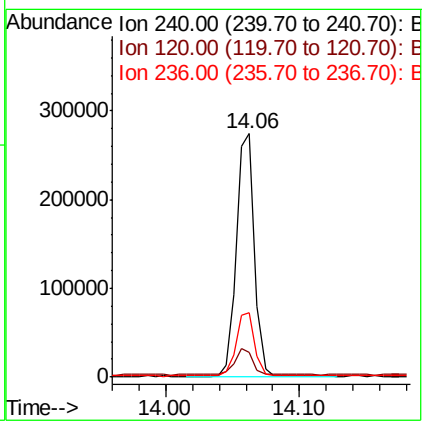


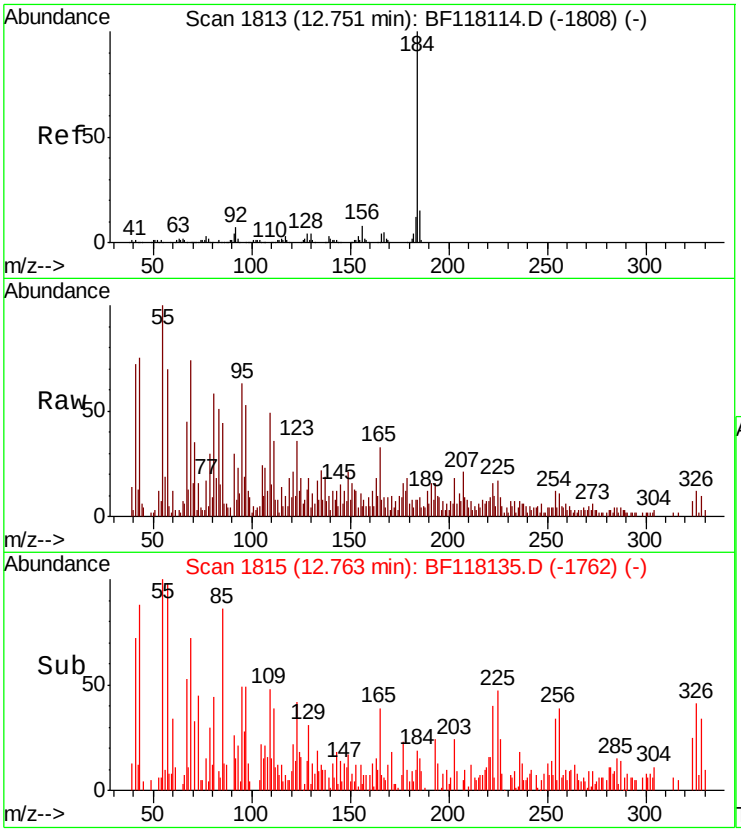


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:240 Resp: 259294

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	26.4	21.0	31.6



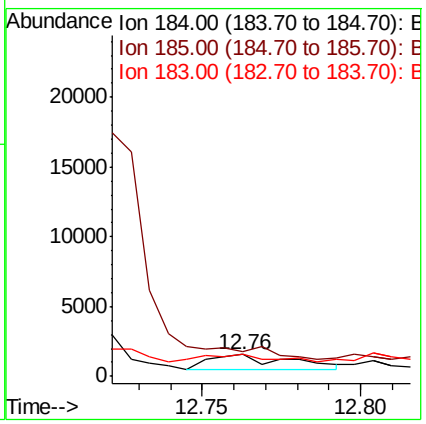


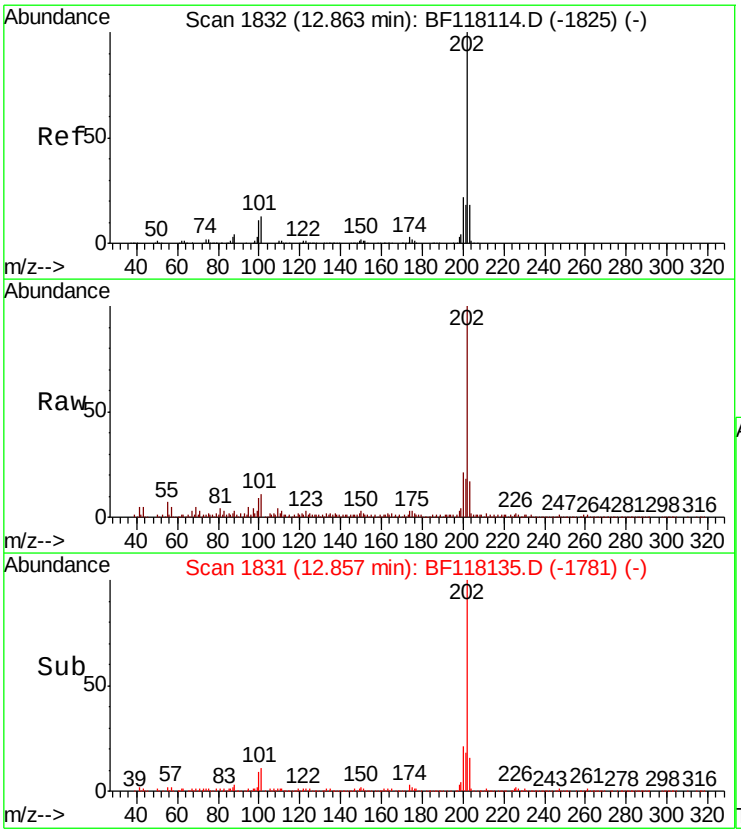
#77
Benzidine
Concen: 0.265 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1807

Ion	Ratio	Lower	Upper
184	100		
185	115.5	12.3	18.5#
183	104.6	9.9	14.9#

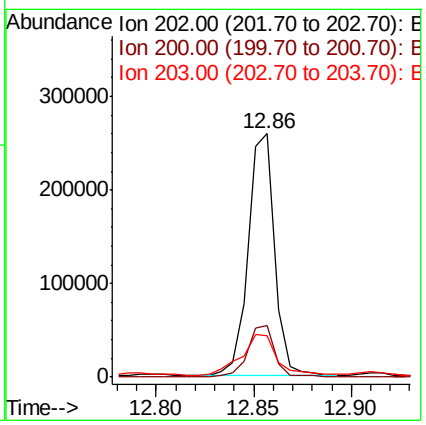


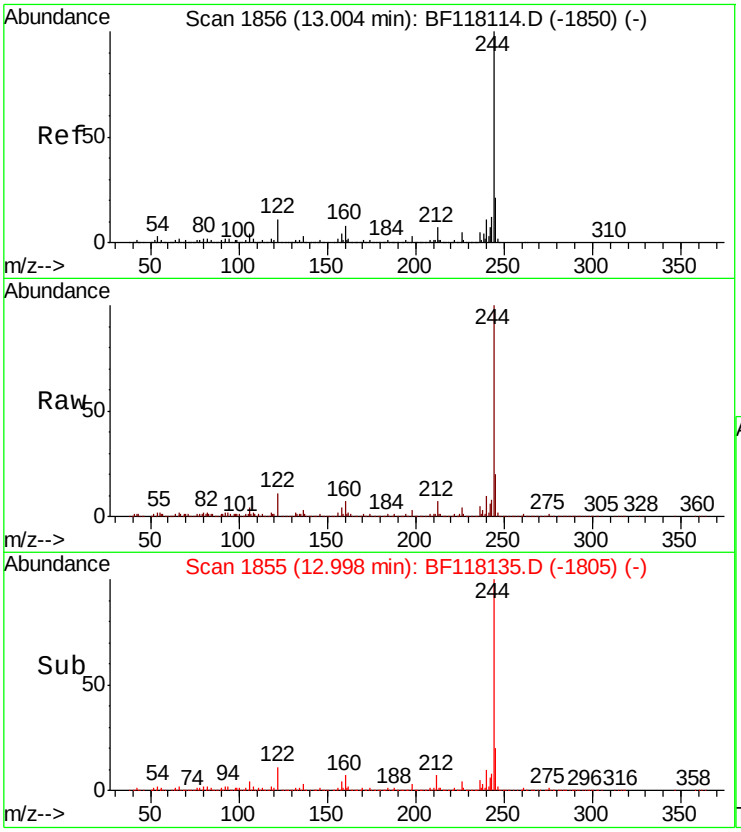


#78
Pyrene
Concen: 11.973 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:202 Resp: 244643

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.1	14.6	21.8



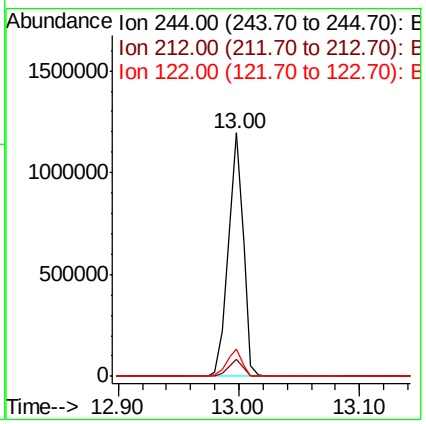


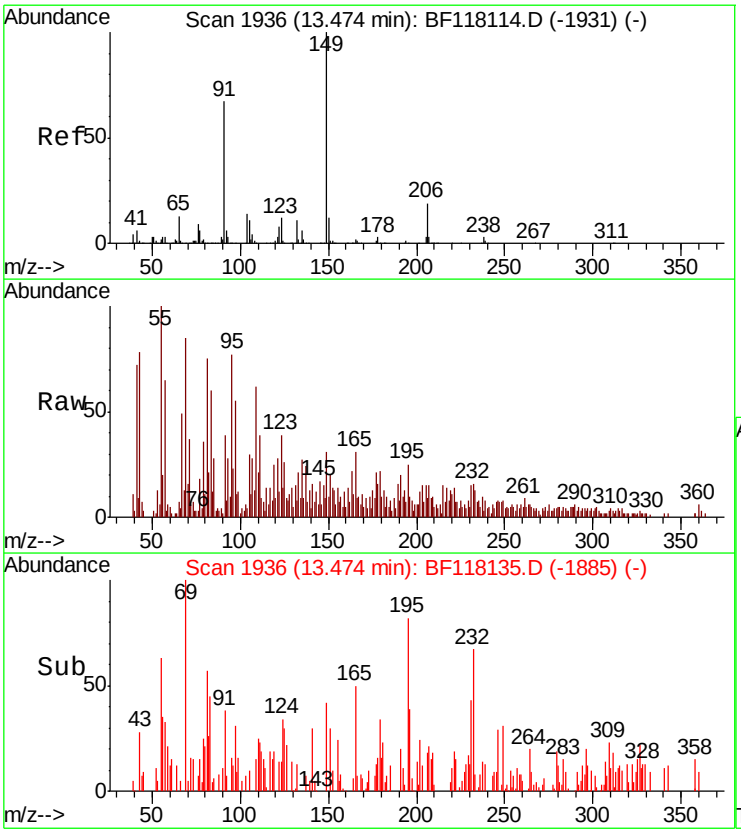
#79
Terphenyl-d14
Concen: 68.271 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1029432

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.1	9.0	13.6

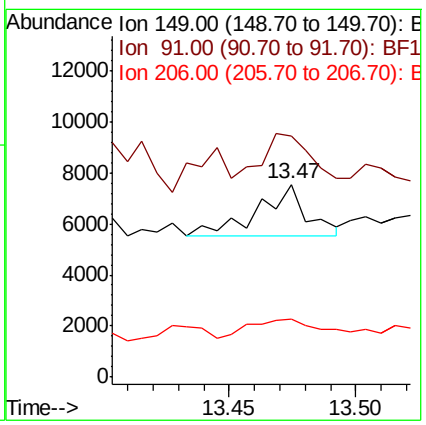


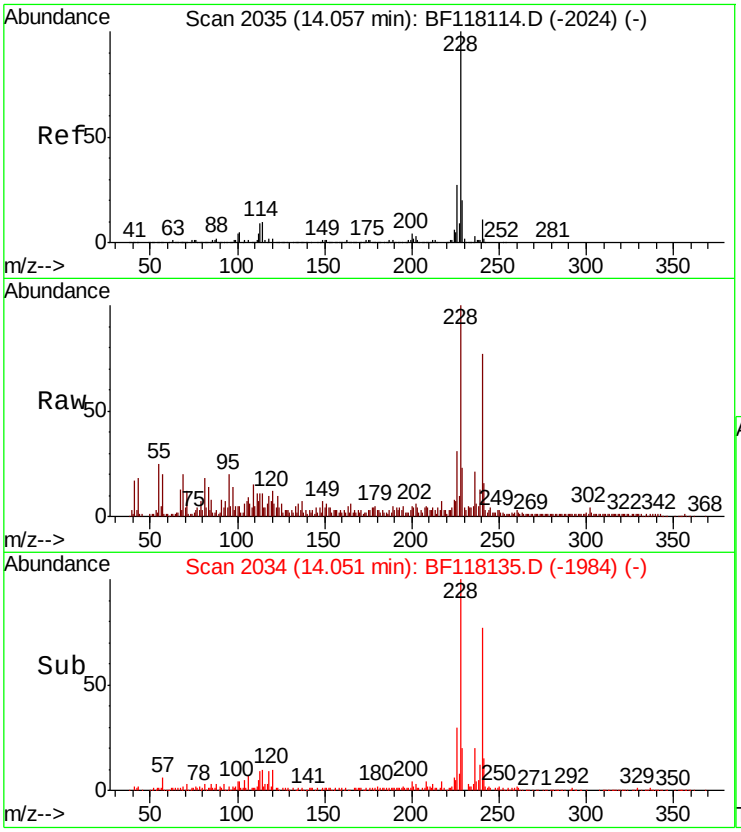


#80
Butylbenzylphthalate
Concen: 0.303 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:149 Resp: 2806

Ion	Ratio	Lower	Upper
149	100		
91	124.7	53.9	80.9#
206	29.9	15.2	22.8#



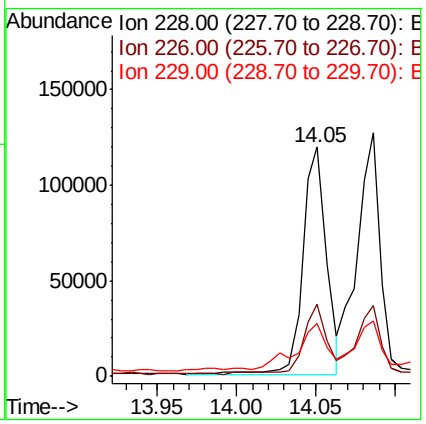


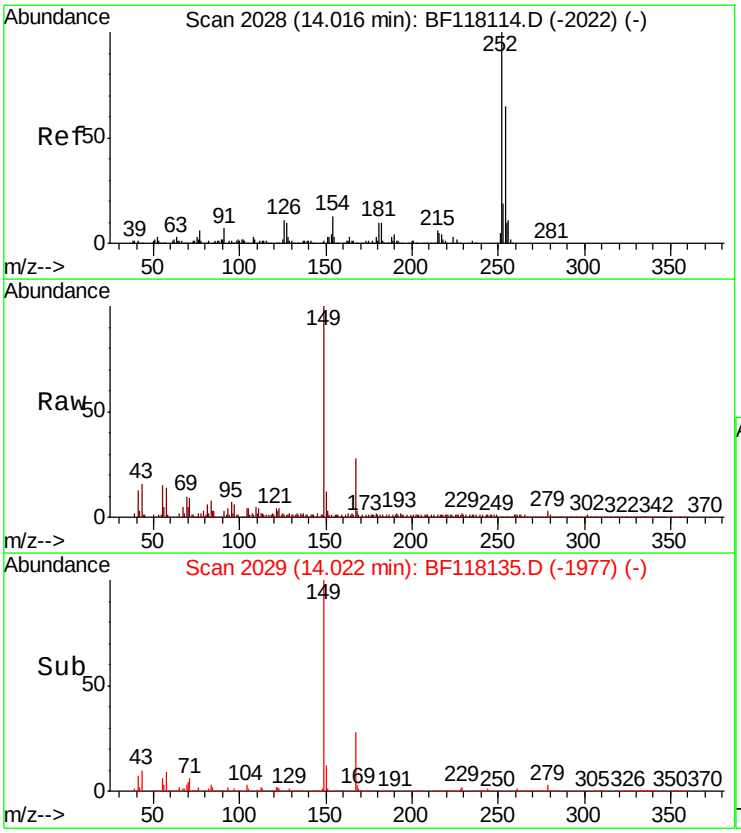
#81
Benzo(a)anthracene
Concen: 6.788 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 121696

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.8	32.8
229	23.2	15.8	23.8

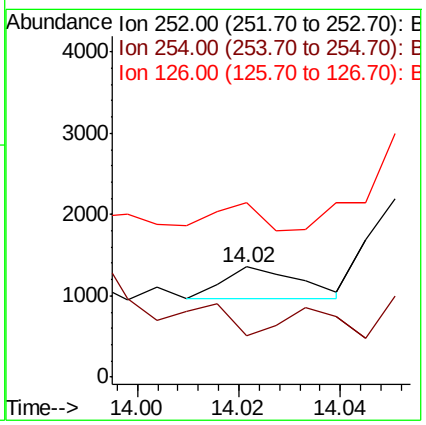


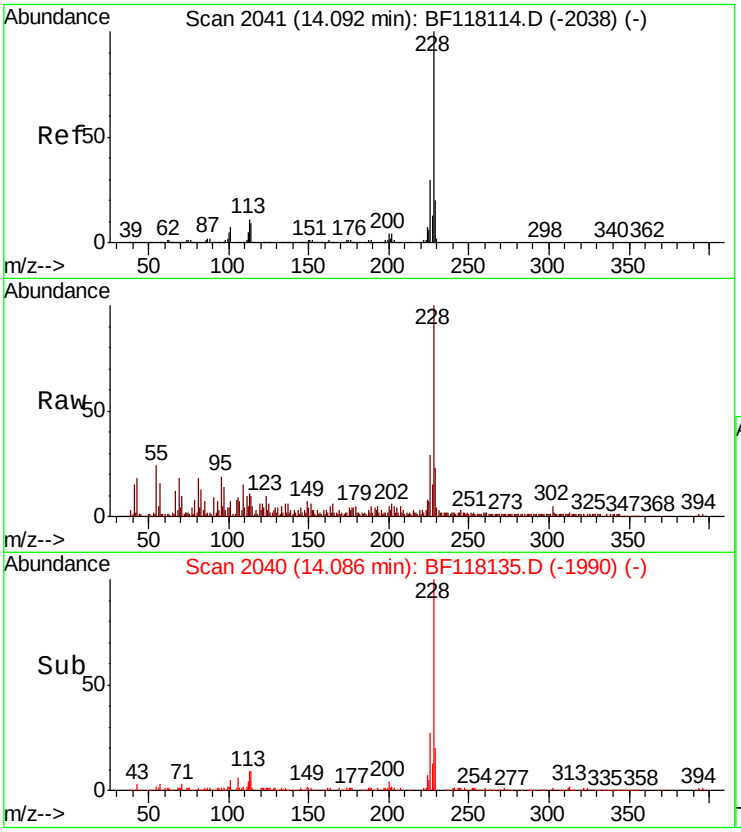


#82
3,3'-Dichlorobenzidine
Concen: 0.069 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:252 Resp: 409

Ion	Ratio	Lower	Upper
252	100		
254	37.6	52.2	78.4#
126	158.8	8.6	13.0#



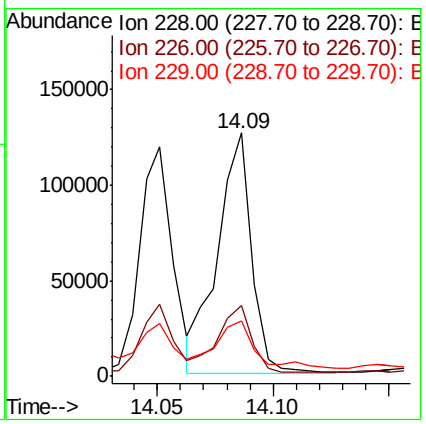


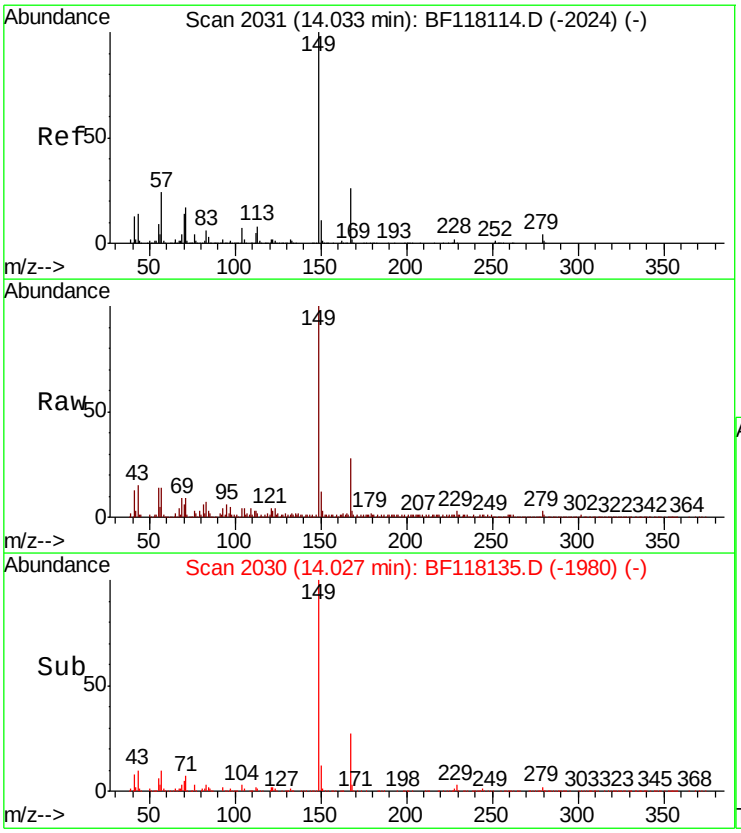
#83
Chrysene
Concen: 7.592 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 130017

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	22.8	15.7	23.5

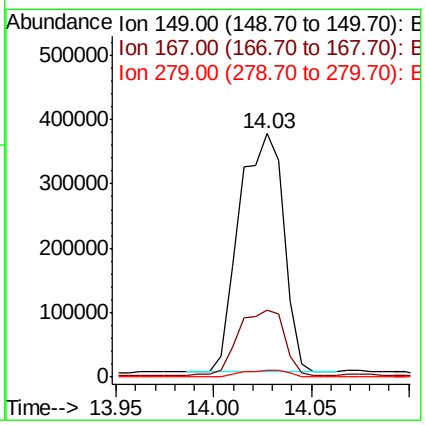


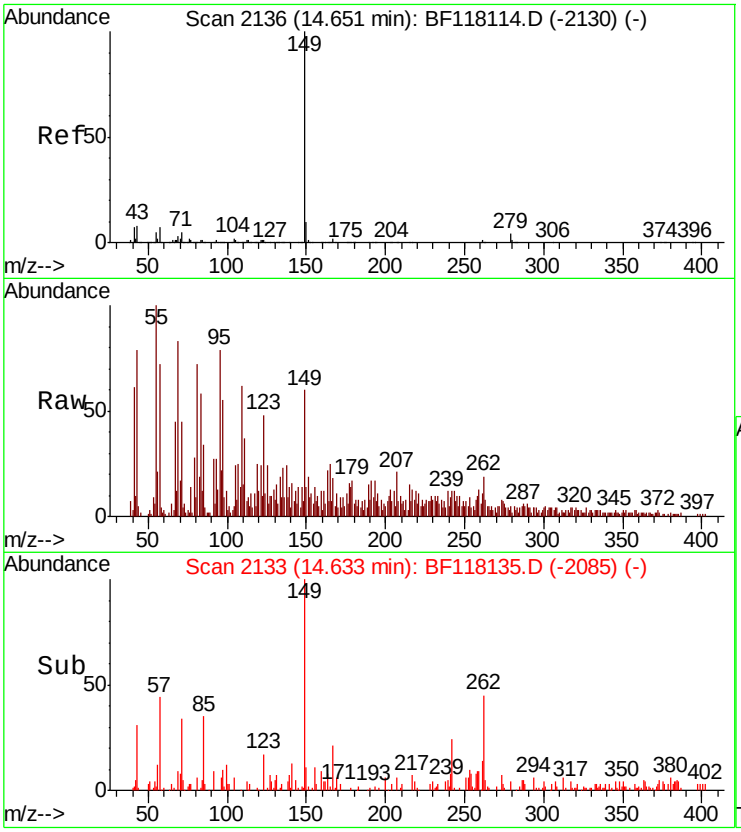


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.840 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:149 Resp: 583760

Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.8	31.2
279	2.6	2.9	4.3#



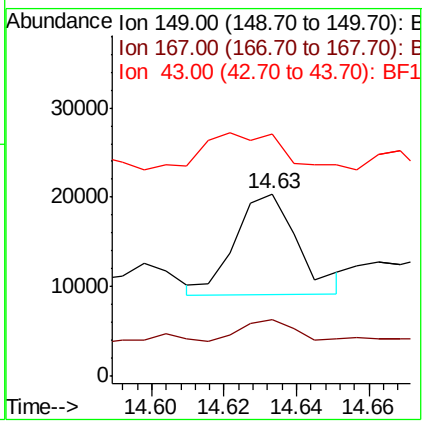


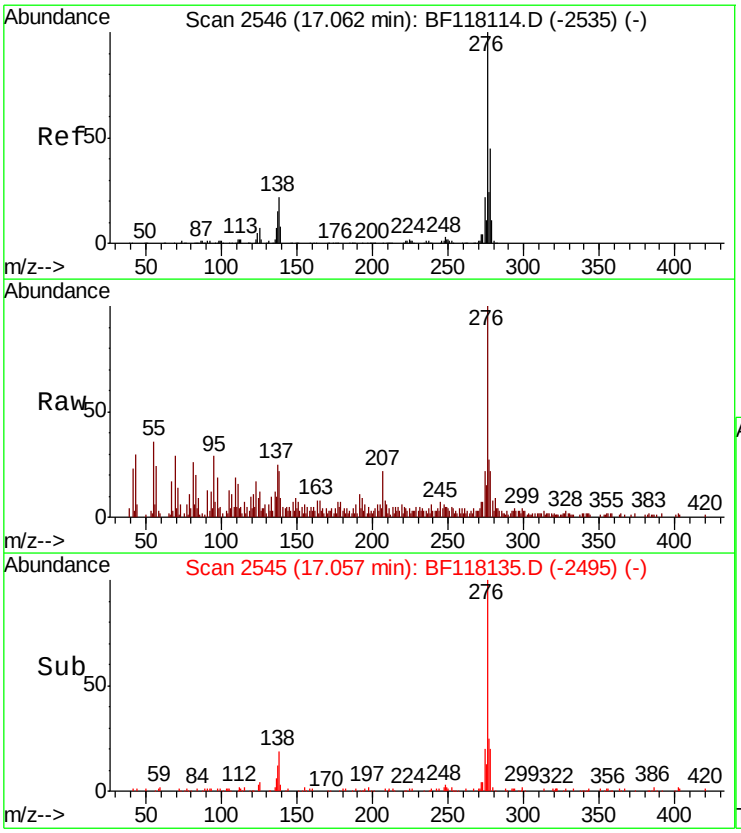
#85
Di-n-octyl phthalate
Concen: 0.740 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 13678

Ion	Ratio	Lower	Upper
149	100		
167	17.4	1.3	1.9#
43	55.1	6.5	9.7#

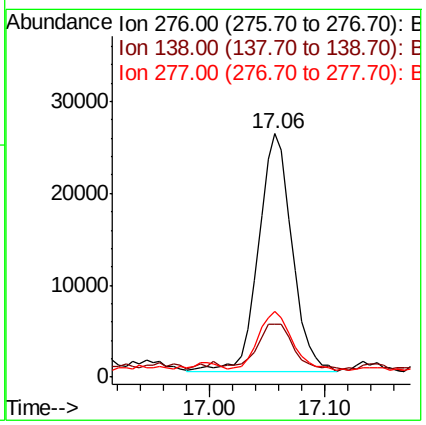


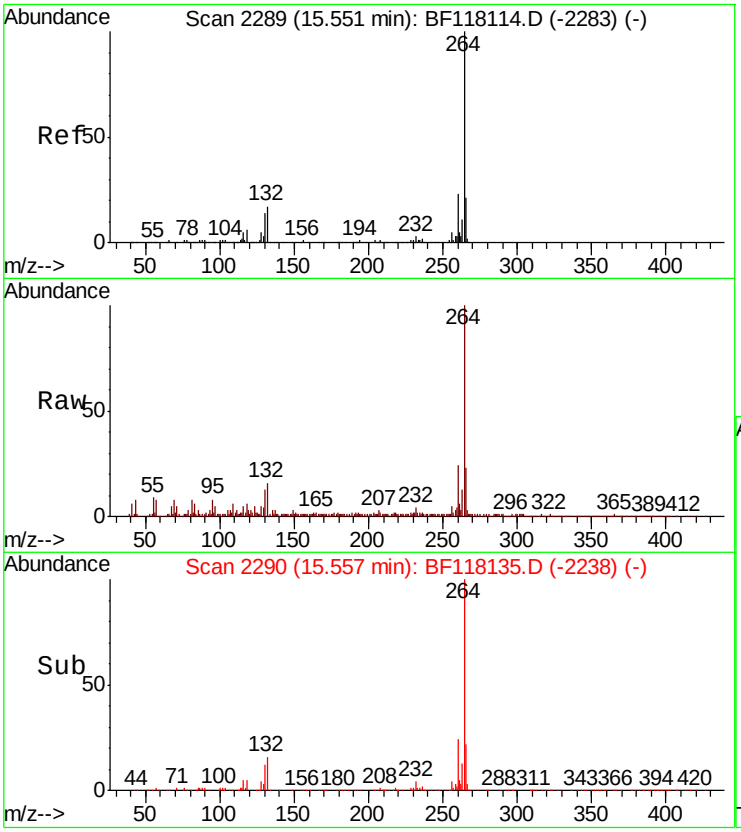


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.661 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:276 Resp: 52756

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.9	28.3
277	25.2	20.4	30.6



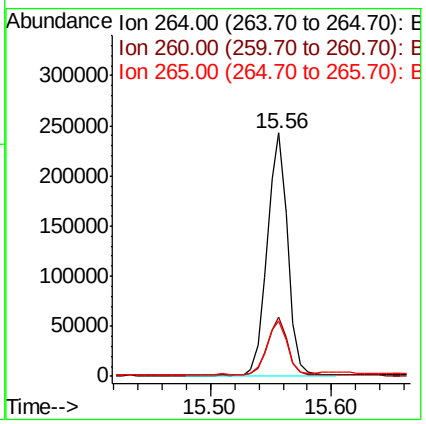


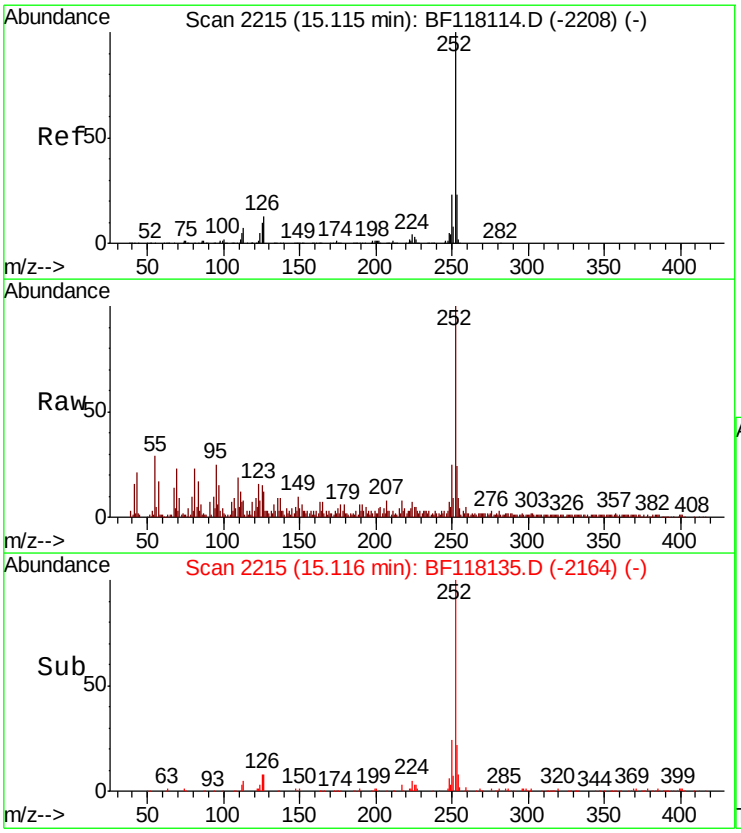
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 285278

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.6	16.8	25.2

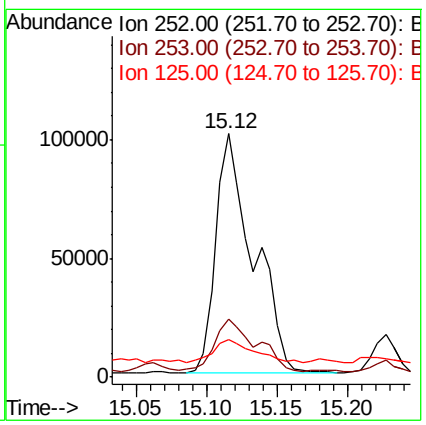


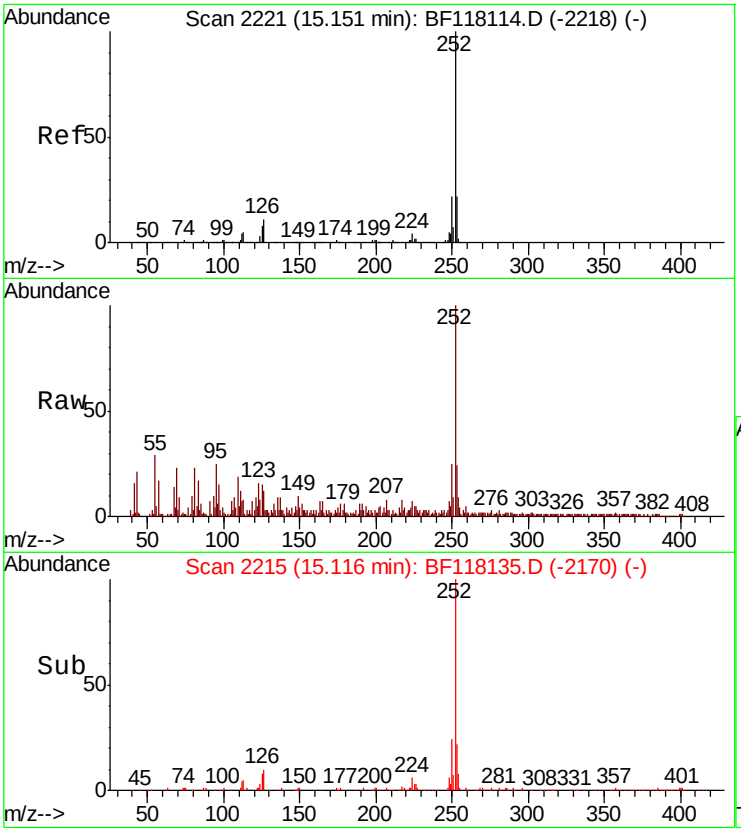


#88
Benzo(b)fluoranthene
Concen: 9.921 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:252 Resp: 187175

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	15.4	8.3	12.5#



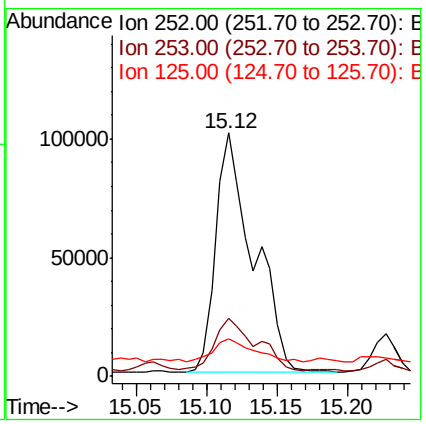


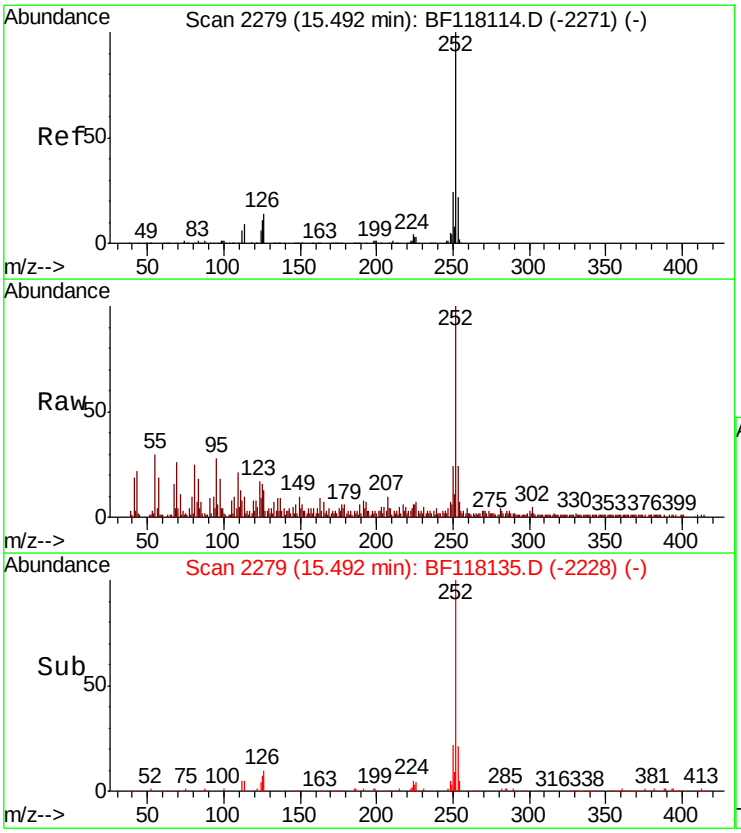
#89
Benzo(k)fluoranthene
Concen: 10.327 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 187175

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	15.4	6.7	10.1#

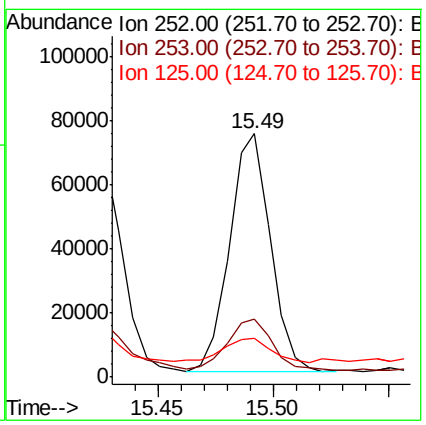


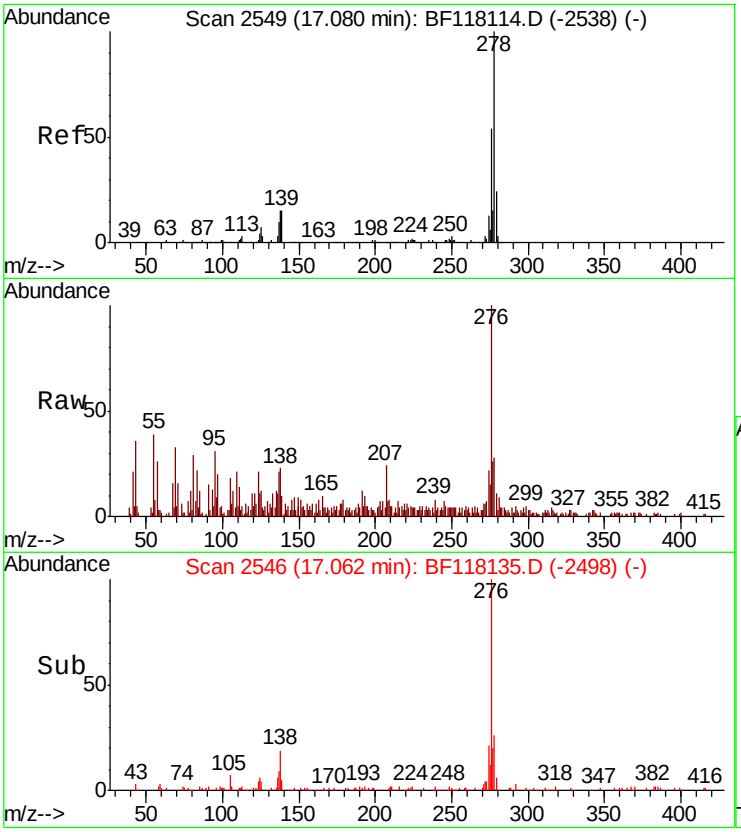


#90
Benzo(a)pyrene
Concen: 5.455 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:252 Resp: 90904

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	15.8	9.1	13.7#



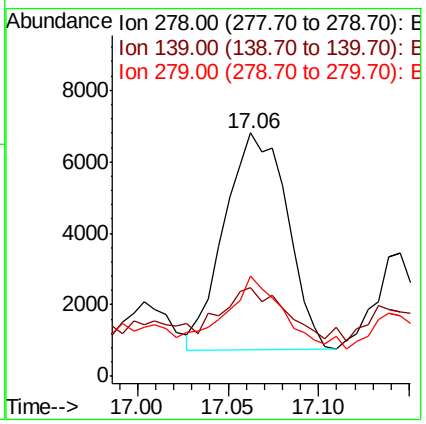


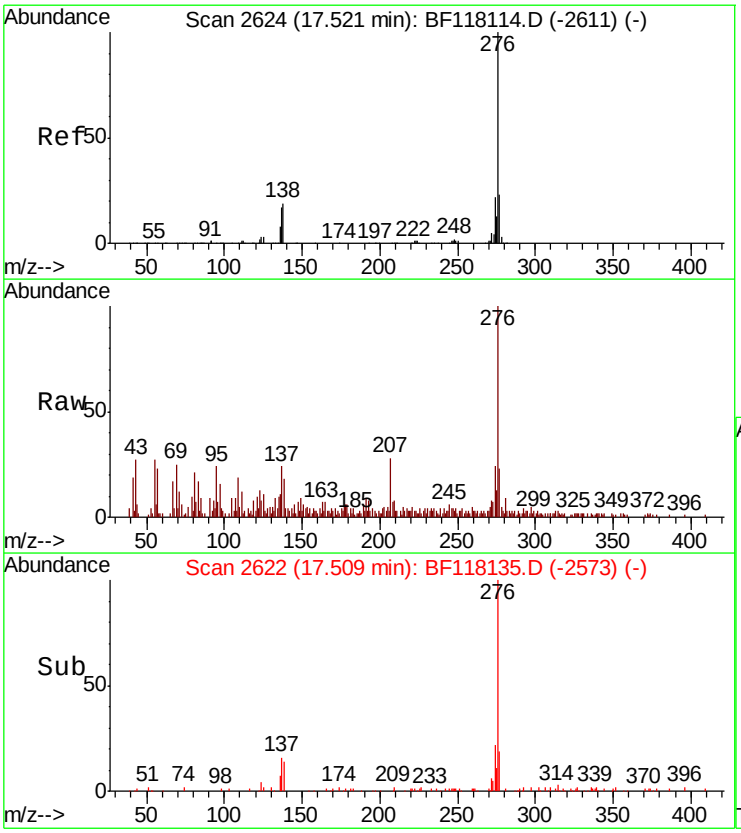
#91
Dibenzo(a,h)anthracene
Concen: 1.021 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 14594

Ion	Ratio	Lower	Upper
278	100		
139	36.7	11.7	17.5#
279	41.4	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 3.642 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF118135.D
Acq: 7 Dec 2019 18:02

Tgt Ion:276 Resp: 50019

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.2	27.4
138	17.7	15.5	23.3