Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118339.D
Acq On : 27 Dec 2019 15:49
Operator : JU
Sample : K6439-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIED-BF001-01MS

Manual Integrations APPROVED
mohammad
12/29/2019 5:27:38 PM

Quant Time: Dec 28 01:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158226	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	637514	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	347713	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	651202	20.00	ng	0.00
76) Chrysene-d12	14.05	240	454217	20.00	ng	0.00
87) Perylene-d12	15.54	264	437089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	792625	85.51	ng	0.01
7) Phenol-d6	6.49	99	1013995	88.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	603440	54.14	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	358773	83.55	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1301891	57.15	ng	0.00
79) Terphenyl-d14	12.99	244	1593484	58.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	106137	28.804	ng	97
3) Pyridine	3.40	79	248523	25.314	ng	97
4) n-Nitrosodimethylamine	3.35	42	124034	30.558	ng	94
6) Aniline	6.52	93	345200	23.642	ng	99
8) 2-Chlorophenol	6.64	128	349654	33.306	ng	97
9) Benzaldehyde	6.40	77	194005	28.777	ng	98
10) Phenol	6.50	94	426527	33.002	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	301461	32.615	ng	99
12) 1,3-Dichlorobenzene	6.79	146	376827	31.167	ng	99
13) 1,4-Dichlorobenzene	6.87	146	389545	31.720	ng	99
14) 1,2-Dichlorobenzene	7.02	146	362149	31.235	ng	100
15) Benzyl Alcohol	7.00	79	289308	33.044	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	313124	31.748	ng	98
17) 2-Methylphenol	7.11	107	278368	33.060	ng	98
18) Hexachloroethane	7.36	117	140751	31.228	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	231408	32.668	ng	98
20) 3+4-Methylphenols	7.26	107	358086	33.228	ng	97
22) Acetophenone	7.26	105	476359	30.487	ng	95
24) Nitrobenzene	7.44	77	342252	30.652	ng	93
25) Isophorone	7.67	82	628564	32.357	ng	98
26) 2-Nitrophenol	7.76	139	193441	32.708	ng	98
27) 2,4-Dimethylphenol	7.79	122	301408	37.353	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	389272	30.641	ng	100
29) 2,4-Dichlorophenol	8.00	162	297148	31.994	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	329926	30.495	ng	98
31) Naphthalene	8.16	128	1039295	32.074	ng	99
32) Benzoic acid	7.93	122	177818	28.687	ng	92
33) 4-Chloroaniline	8.21	127	212794	15.319	ng	98
34) Hexachlorobutadiene	8.27	225	192879	29.950	ng	99
35) Caprolactam	8.58	113	93245m	32.158	ng	
36) 4-Chloro-3-methylphenol	8.70	107	313424	31.432	ng	98
37) 2-Methylnaphthalene	8.86	142	715827	32.267	ng	99
38) 1-Methylnaphthalene	8.96	142	672184	32.160	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	311940	29.859	ng	99

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Quant Time: Dec 28 01:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	217615	52.915	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	213818	30.635	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	230434	32.094	ng		97
46) 1,1'-Biphenyl	9.32	154	847478	30.815	ng		99
47) 2-Chloronaphthalene	9.35	162	665663	30.073	ng		99
48) 2-Nitroaniline	9.45	65	184218	29.465	ng		98
49) Acenaphthylene	9.76	152	1059727	32.281	ng		100
50) Dimethylphthalate	9.62	163	887783	34.014	ng		100
51) 2,6-Dinitrotoluene	9.69	165	179022	31.814	ng		98
52) Acenaphthene	9.93	154	615585	30.786	ng		99
53) 3-Nitroaniline	9.86	138	113942	17.252	ng		91
54) 2,4-Dinitrophenol	9.97	184	134877	49.642	ng		99
55) Dibenzofuran	10.11	168	938894	31.778	ng		100
56) 4-Nitrophenol	10.03	139	251221	61.615	ng		95
57) 2,4-Dinitrotoluene	10.10	165	241031	32.056	ng		93
58) Fluorene	10.46	166	746180	31.285	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	184936	30.315	ng		99
60) Diethylphthalate	10.32	149	827525	32.048	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	373490	31.369	ng		100
62) 4-Nitroaniline	10.48	138	189675	27.645	ng		93
63) Azobenzene	10.60	77	714274	32.295	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	111493	31.737	ng		82
66) n-Nitrosodiphenylamine	10.56	169	666275	31.924	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	236689	31.058	ng		96
68) Hexachlorobenzene	11.01	284	263242	29.345	ng	#	92
69) Atrazine	11.09	200	235233	36.519	ng		97
70) Pentachlorophenol	11.20	266	241443	62.148	ng		98
71) Phenanthrene	11.42	178	1113604	31.369	ng		100
72) Anthracene	11.47	178	1155339	32.514	ng		99
73) Carbazole	11.63	167	1003622	31.830	ng		99
74) Di-n-butylphthalate	11.95	149	1353770	33.862	ng		100
75) Fluoranthene	12.62	202	1159970	32.377	ng		98
77) Benzidine	12.74	184	658874	52.939	ng		98
78) Pyrene	12.85	202	1154589	31.128	ng		99
80) Butylbenzylphthalate	13.46	149	559886	33.524	ng		97
81) Benzo(a)anthracene	14.04	228	988763	31.099	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	268559	24.913	ng		98
83) Chrysene	14.08	228	956965	31.434	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	835775	38.058	ng		99
85) Di-n-octyl phthalate	14.63	149	1324781	41.011	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	919652	35.454	ng		100
88) Benzo(b)fluoranthene	15.10	252	873356	30.101	ng		98
89) Benzo(k)fluoranthene	15.13	252	863837	31.008	ng		100
90) Benzo(a)pyrene	15.48	252	788827	30.863	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	788602	35.555	ng		98
92) Benzo(g,h,i)perylene	17.51	276	758305	35.393	ng		98

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

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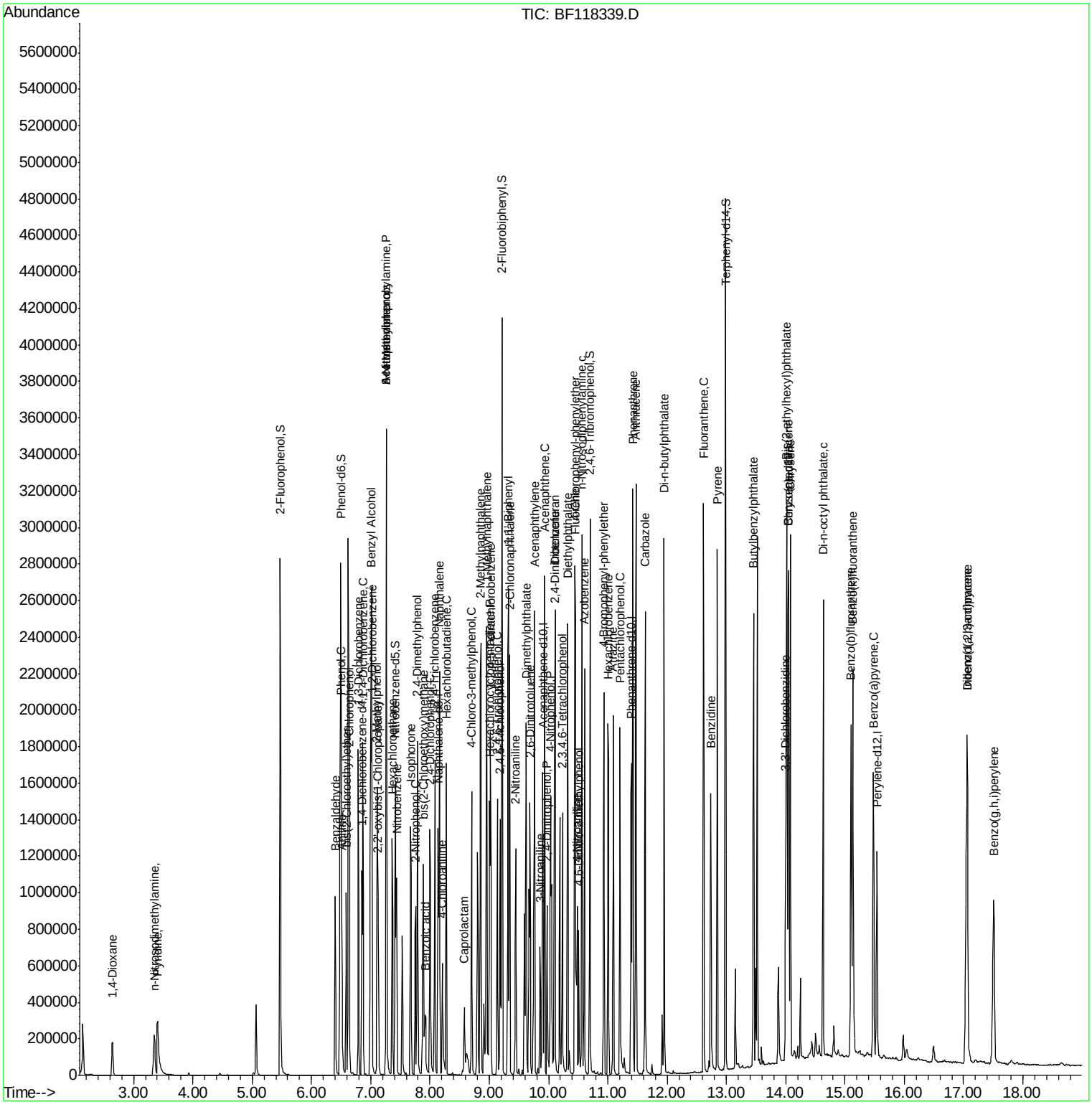
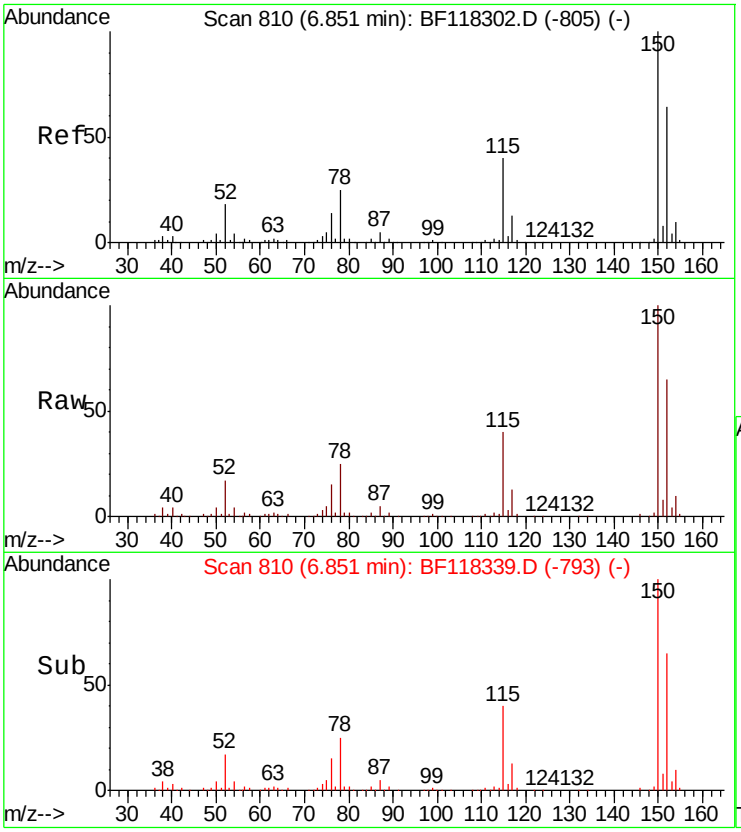
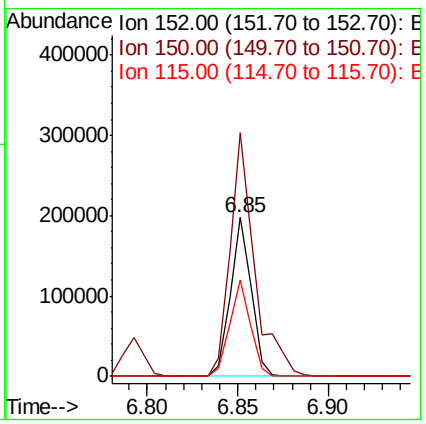




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:152 Resp: 158226

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.4	188.2
115	60.9	50.2	75.4



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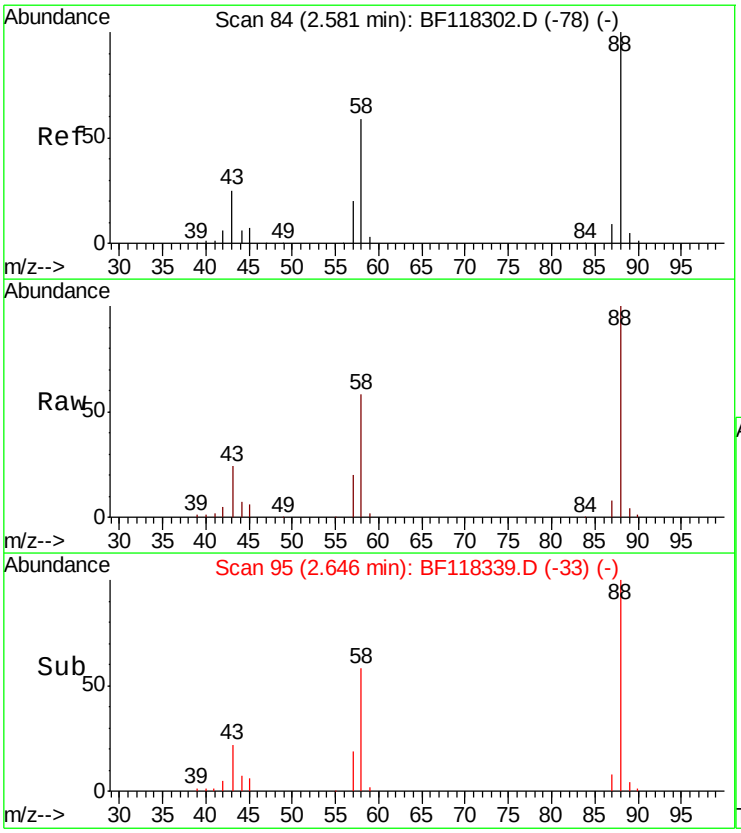
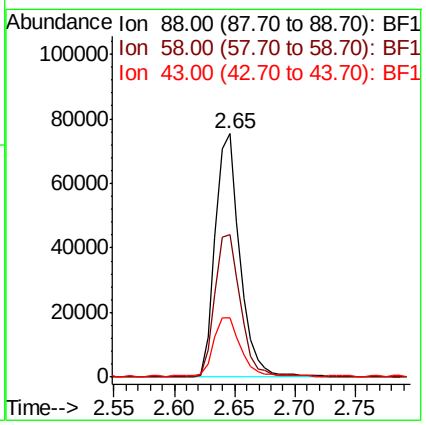
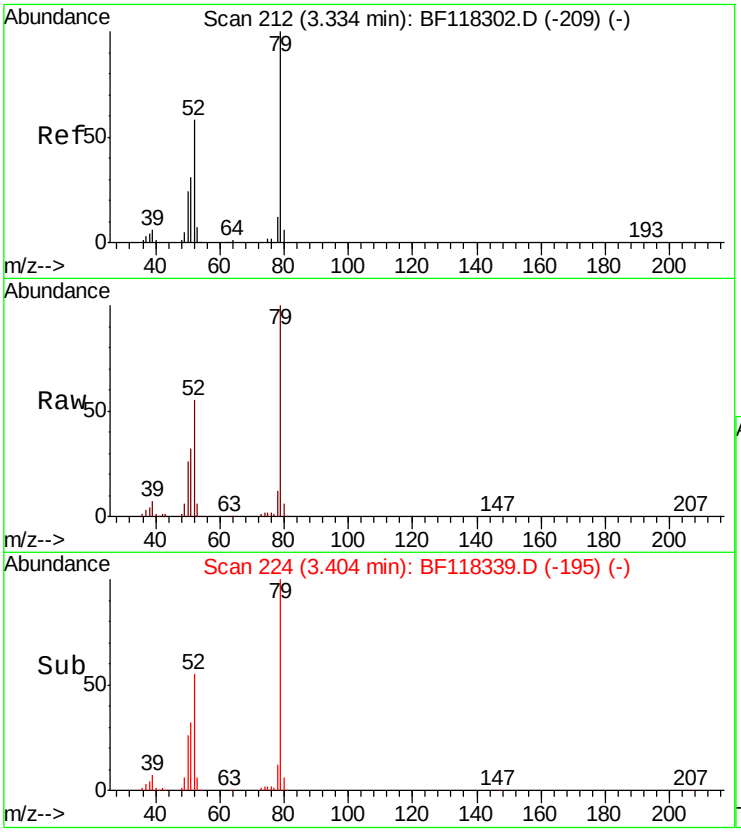


#2
1,4-Dioxane
Concen: 28.804 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.06 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 88 Resp: 106137

Ion	Ratio	Lower	Upper
88	100		
58	60.9	47.6	71.4
43	27.9	20.6	30.8

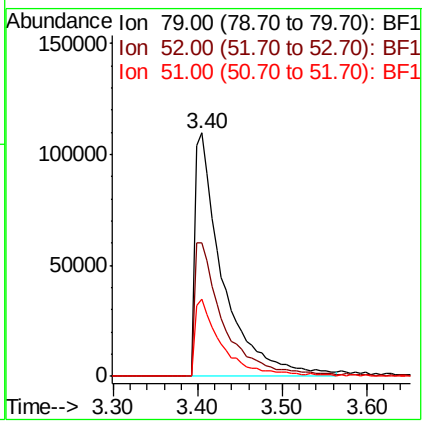




#3
Pyridine
Concen: 25.314 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.07 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 79 Resp: 248523

Ion	Ratio	Lower	Upper
79	100		
52	54.7	46.4	69.6
51	31.9	24.9	37.3



Instrument :
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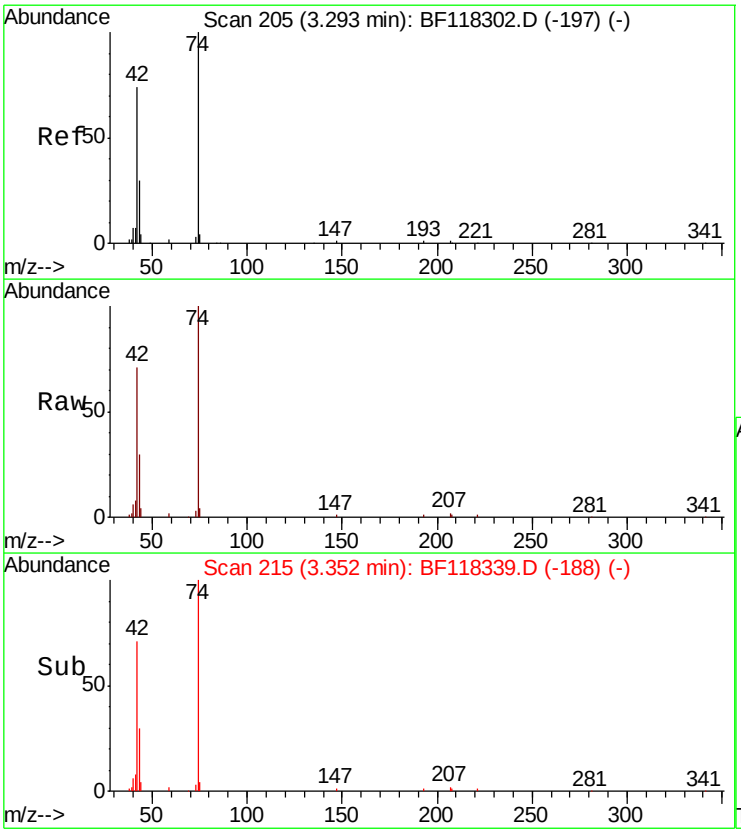
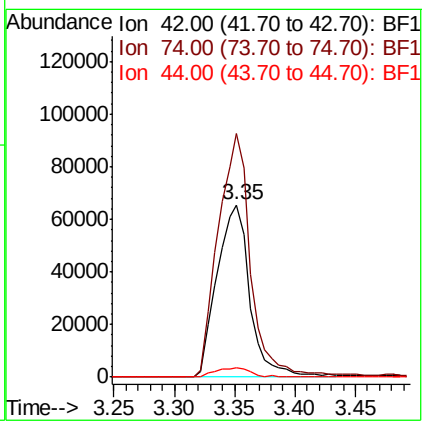
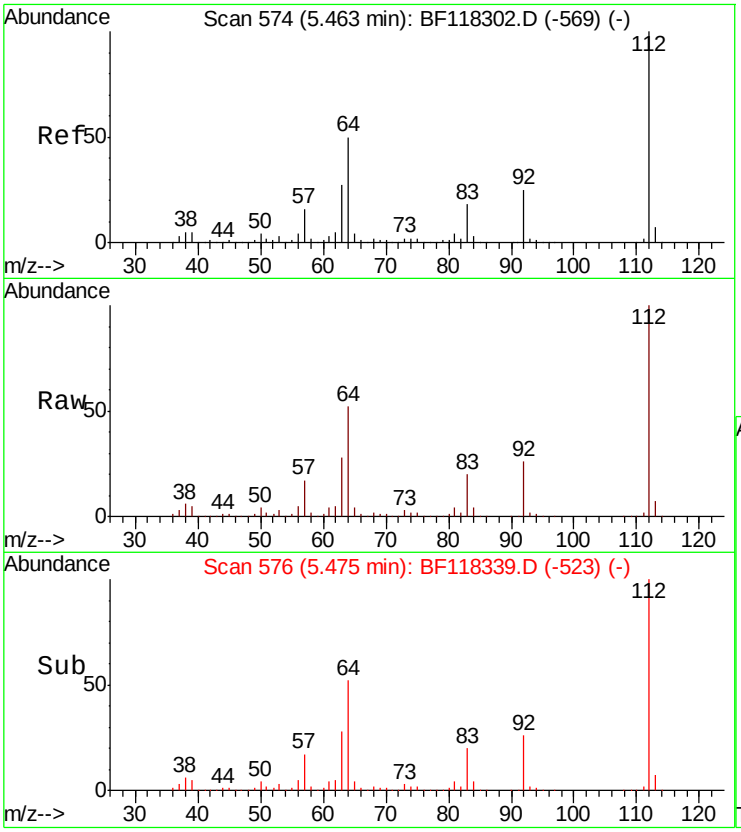


#4
n-Nitrosodimethylamine
Concen: 30.558 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.06 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 42 Resp: 124034

Ion	Ratio	Lower	Upper
42	100		
74	141.6	107.7	161.5
44	5.3	4.8	7.2

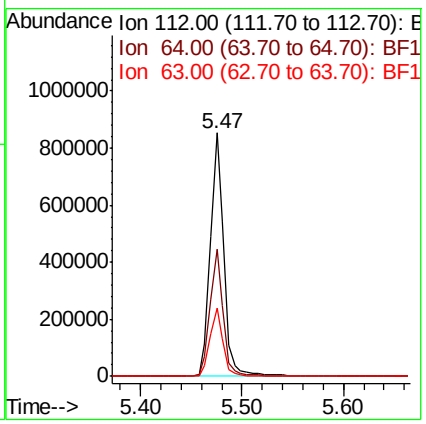




#5
2-Fluorophenol
Concen: 85.511 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:112 Resp: 792625

Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.7	59.5
63	28.2	21.7	32.5



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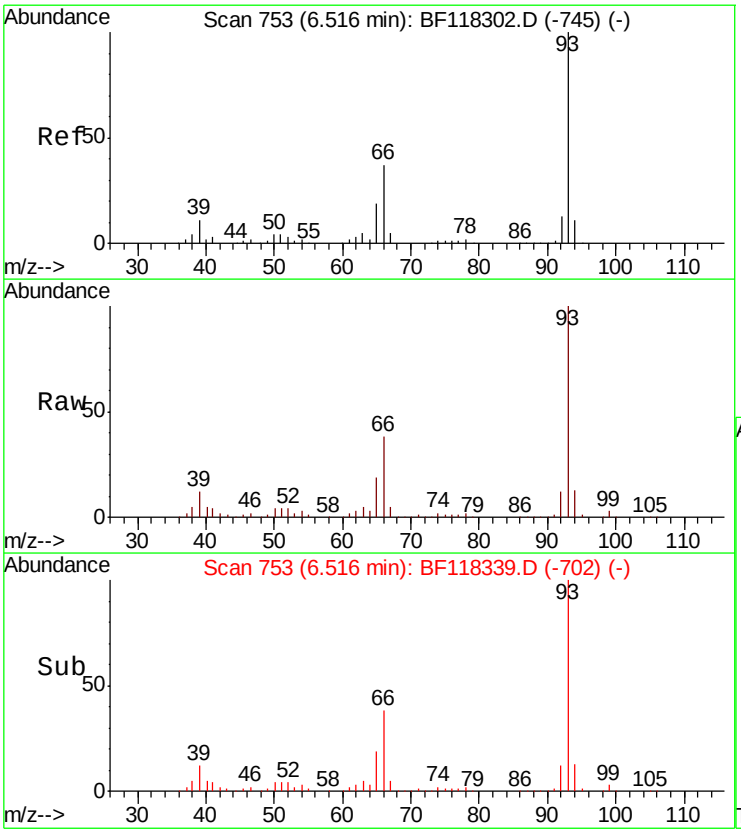
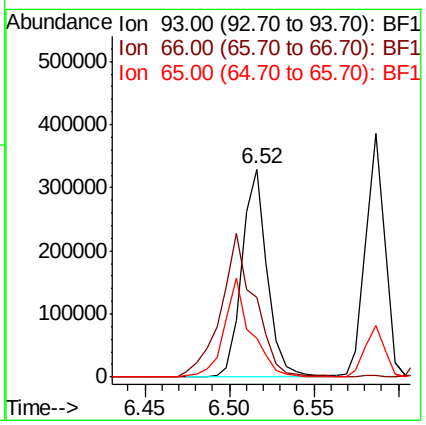
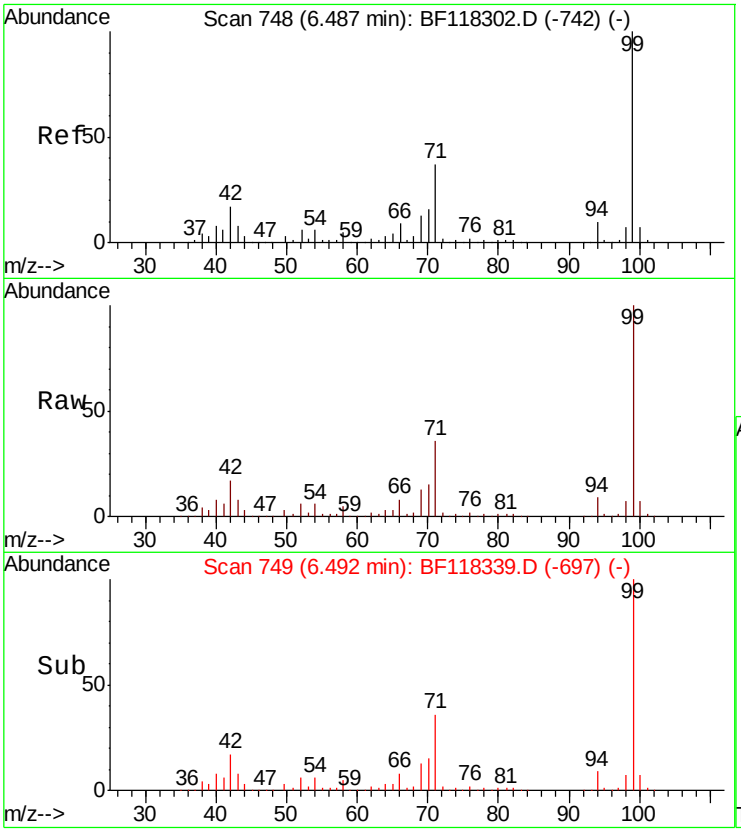


#6
Aniline
Concen: 23.642 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 93 Resp: 345200

Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.2	45.4
65	18.8	15.7	23.5

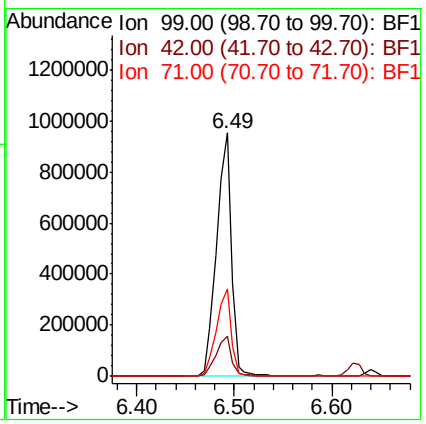




#7
Phenol-d6
Concen: 88.183 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 99 Resp: 1013995

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	36.0	29.4	44.2



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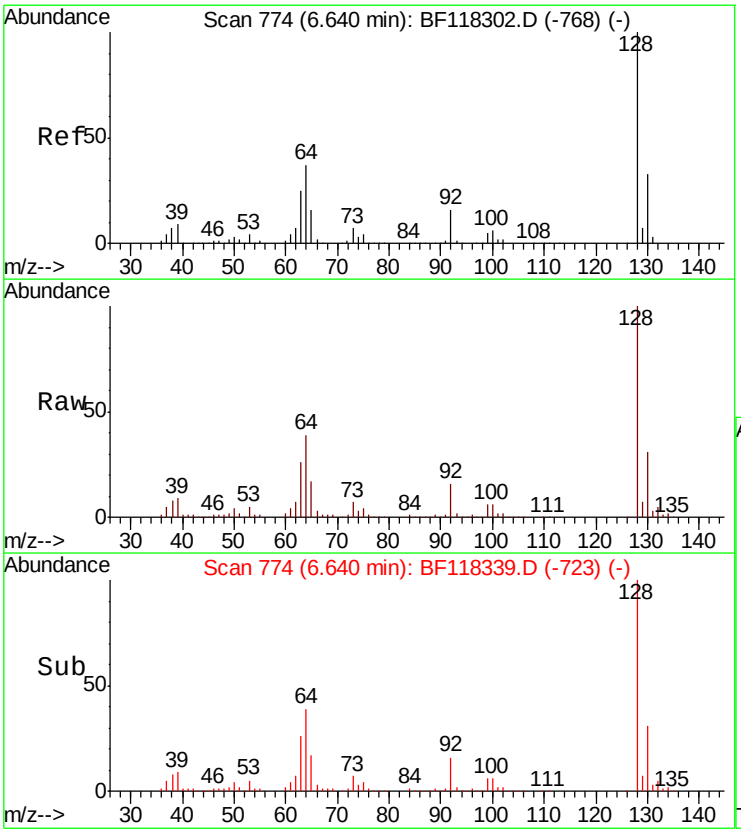
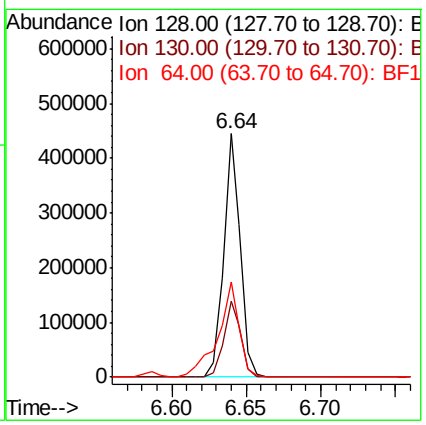
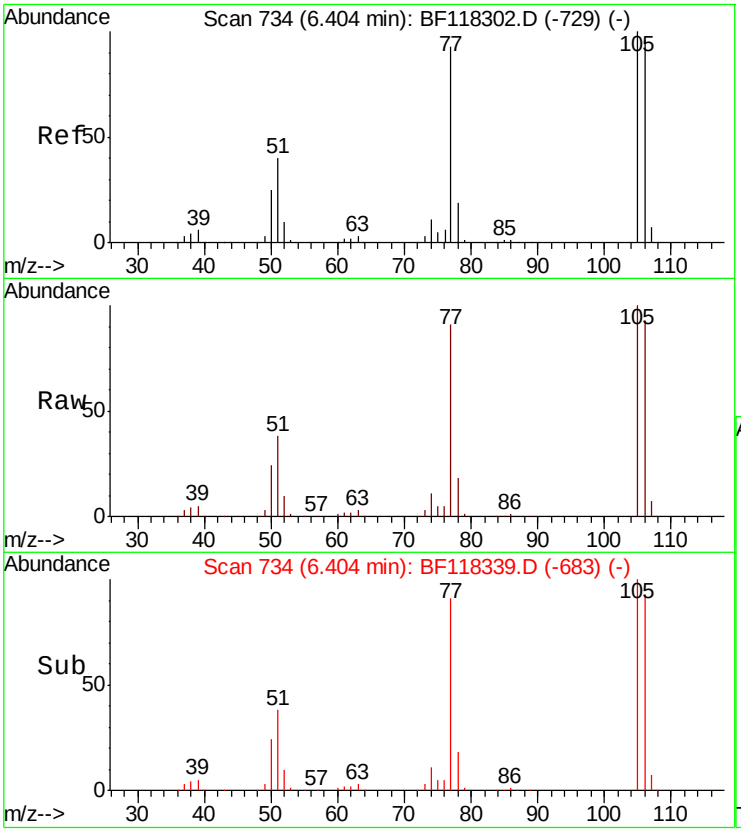


#8
2-Chlorophenol
Concen: 33.306 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:128 Resp: 349654

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.2	53.2
64	39.1	17.7	57.7

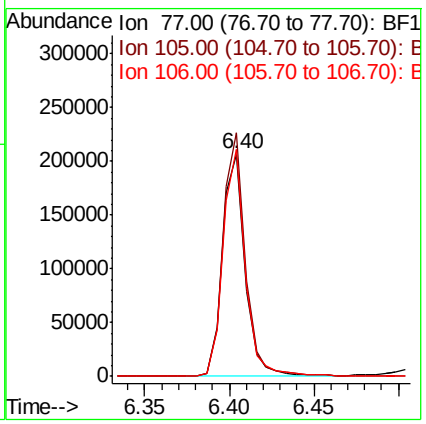




#9
Benzaldehyde
Concen: 28.777 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 77 Resp: 194005

Ion	Ratio	Lower	Upper
77	100		
105	109.7	87.5	127.5
106	102.5	83.6	123.6



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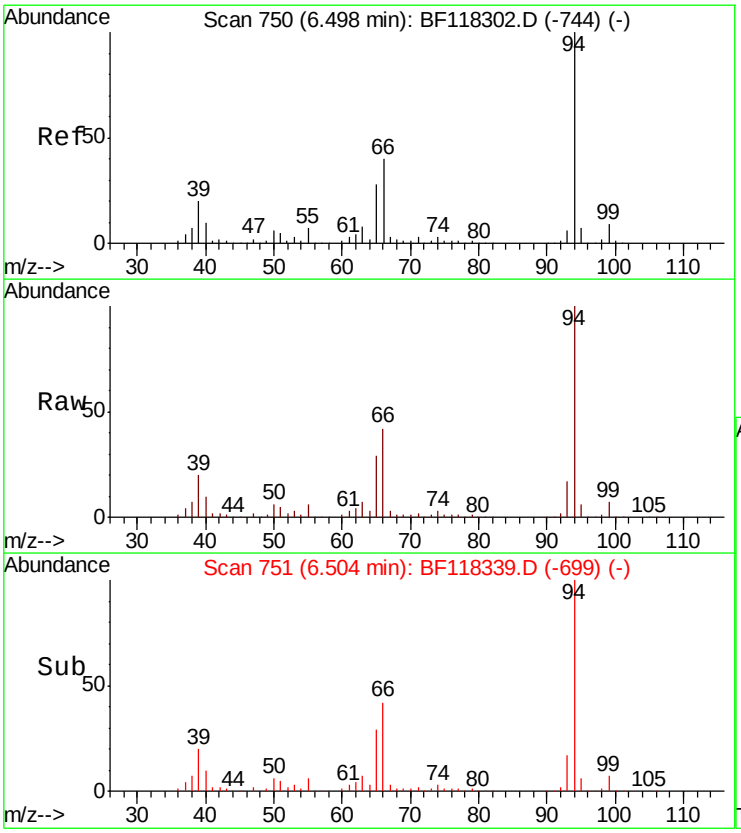
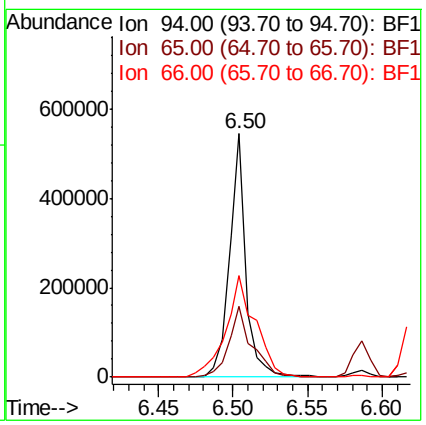
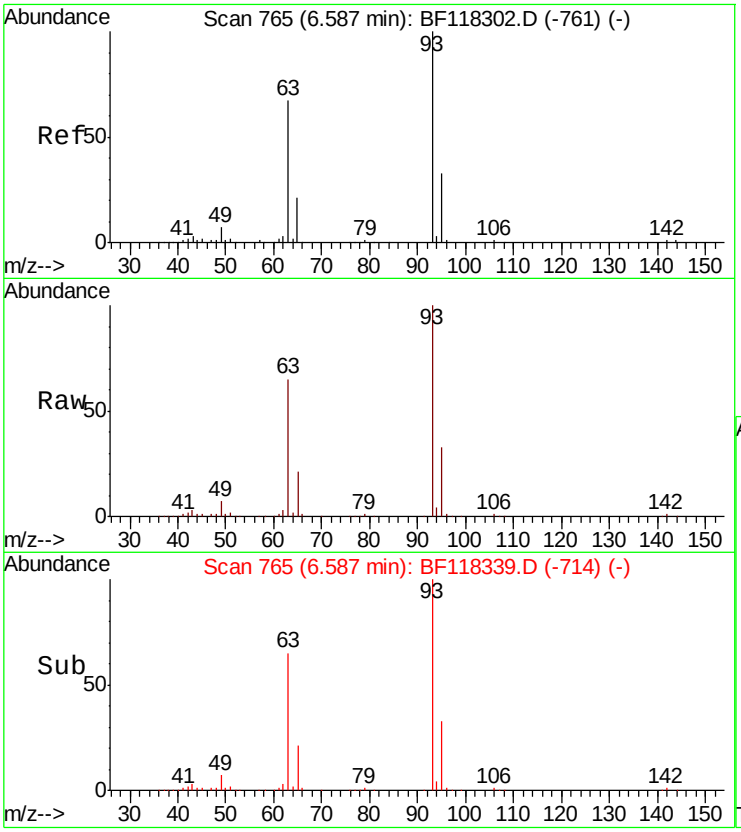


#10
Phenol
Concen: 33.002 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 94 Resp: 426527

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.8	47.8
66	41.7	20.4	60.4

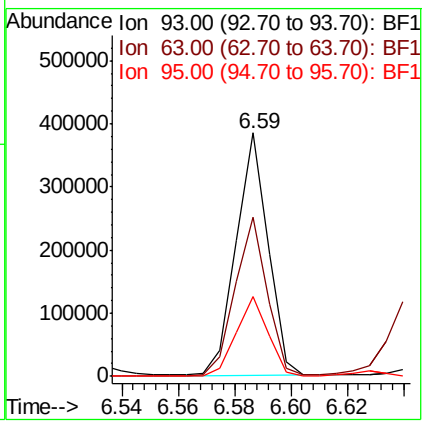




#11
bis(2-Chloroethyl)ether
Concen: 32.615 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 93 Resp: 301461

Ion	Ratio	Lower	Upper
93	100		
63	65.4	47.0	87.0
95	32.5	12.8	52.8



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ClientSampleId :
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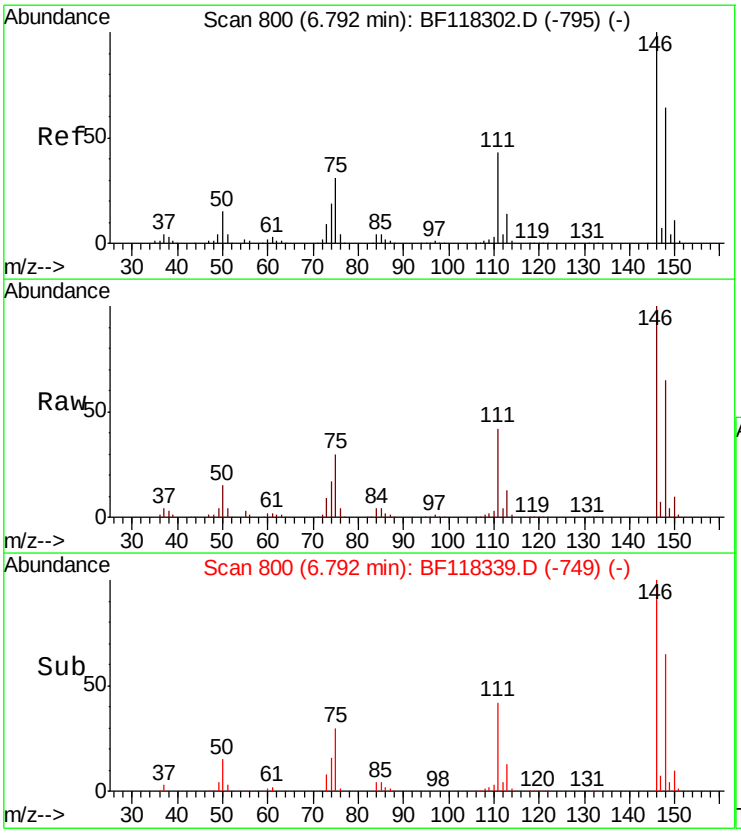
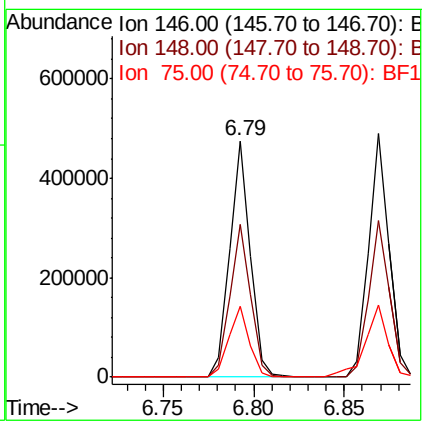
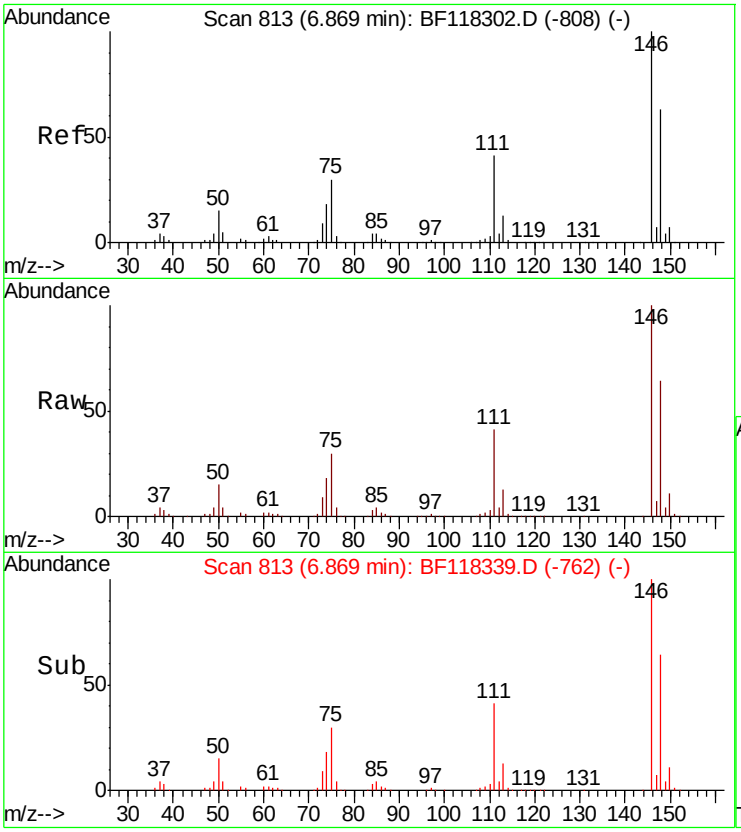


#12
1,3-Dichlorobenzene
Concen: 31.167 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:146 Resp: 376827

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
75	30.2	24.4	36.6

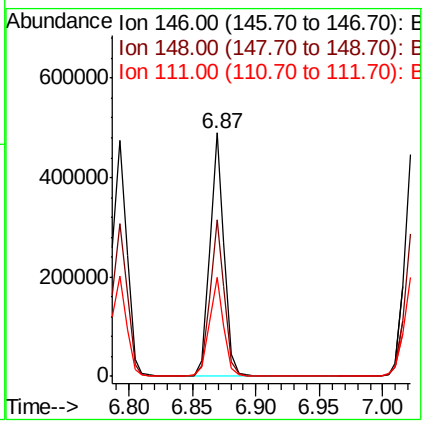




#13
1,4-Dichlorobenzene
Concen: 31.720 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:146 Resp: 389545

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.3	75.5
111	40.8	32.8	49.2



Instrument :
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ClientSampleId :
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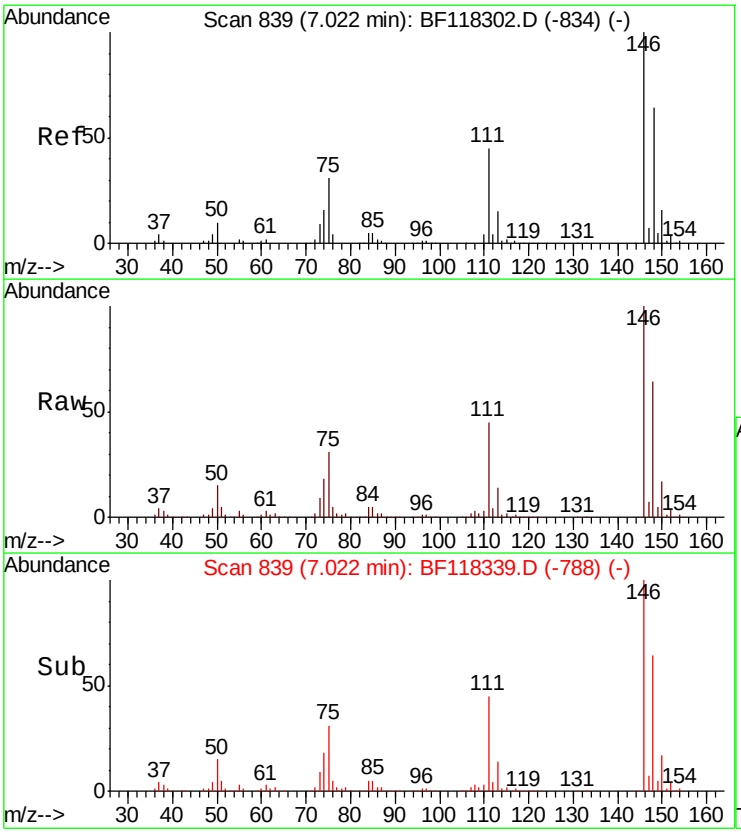
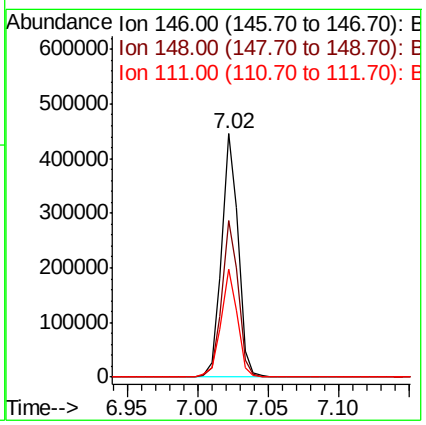
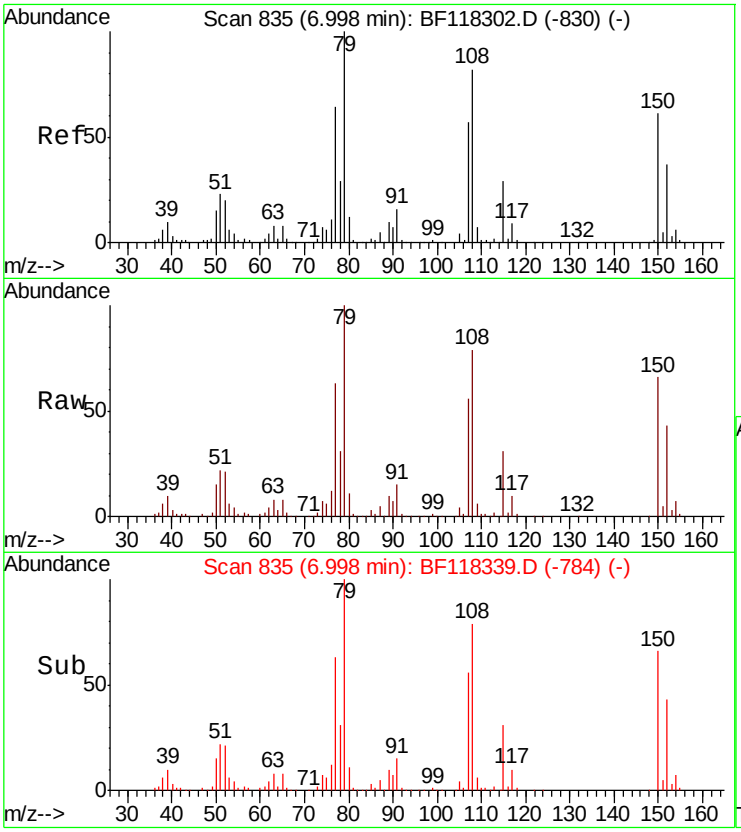


#14
1,2-Dichlorobenzene
Concen: 31.235 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:146 Resp: 362149

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	44.5	35.7	53.5





#15
Benzyl Alcohol
Concen: 33.044 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 79 Resp: 289308

Ion	Ratio	Lower	Upper
79	100		
108	78.8	65.4	98.0
77	62.6	51.4	77.0

Instrument :
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ClientSampleId :
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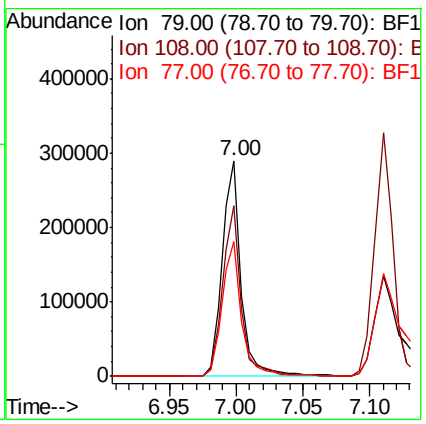
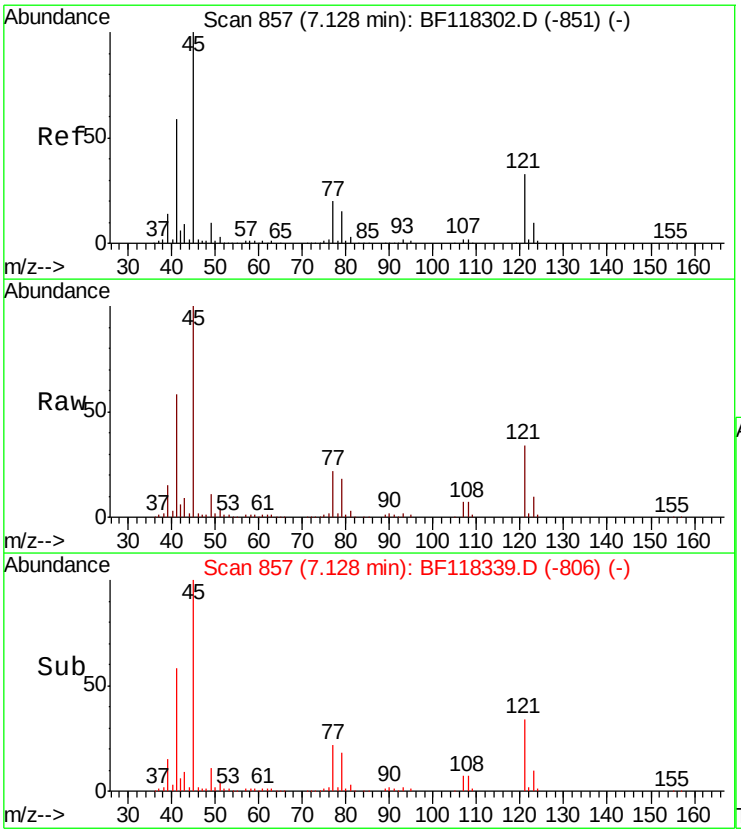
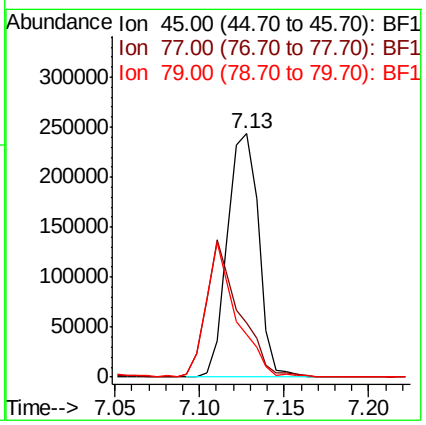


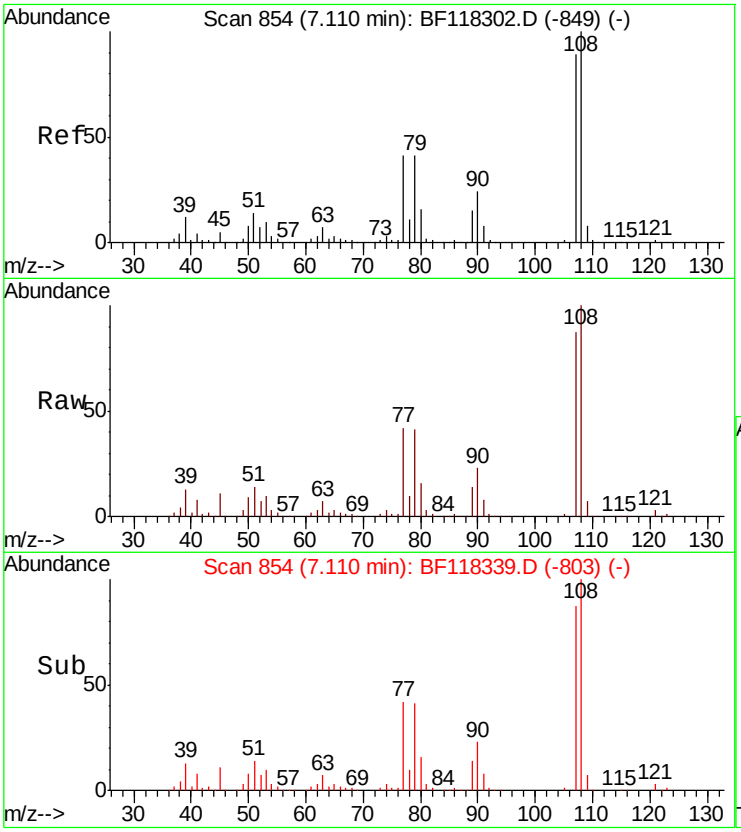


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.748 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 45 Resp: 313124

Ion	Ratio	Lower	Upper
45	100		
77	22.3	1.2	41.2
79	17.5	0.0	37.0

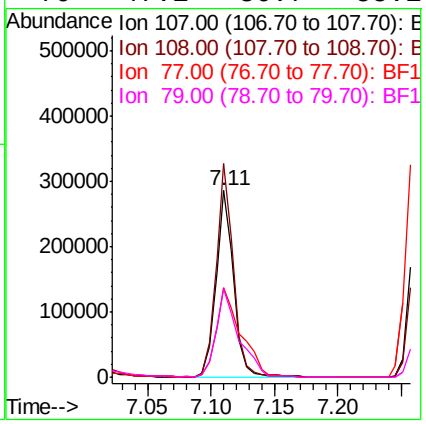




#17
2-Methylphenol
Concen: 33.060 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:107 Resp: 278368

Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.7	134.5
77	48.2	37.2	55.8
79	47.1	36.7	55.1



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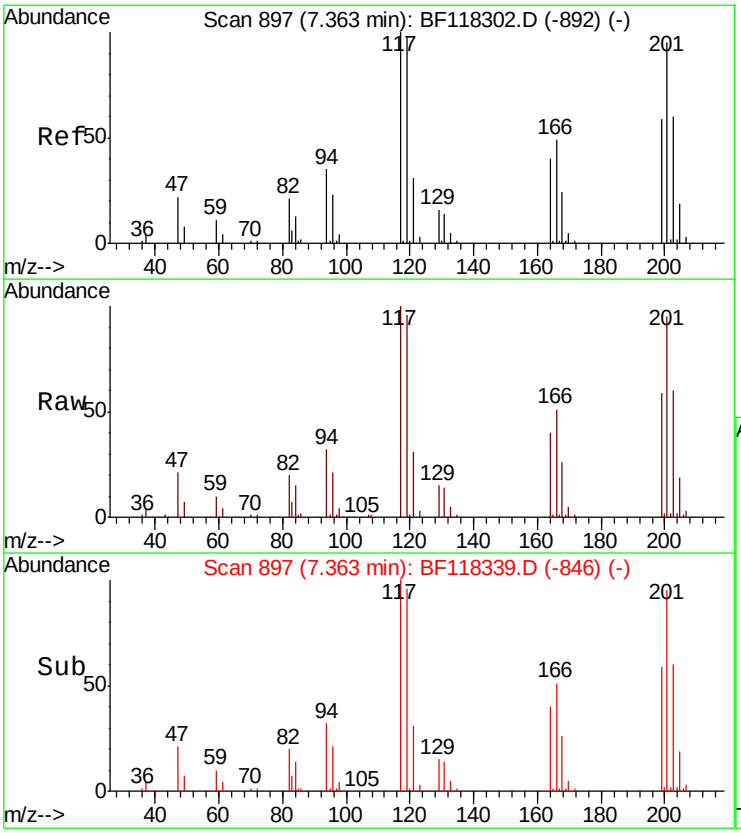
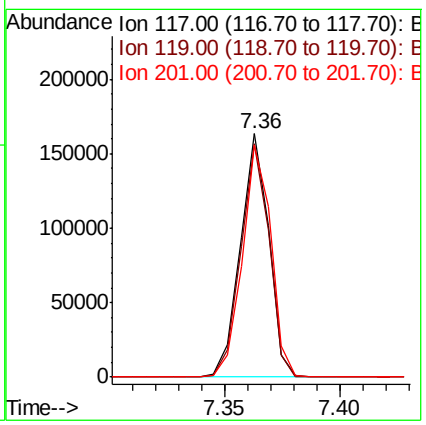
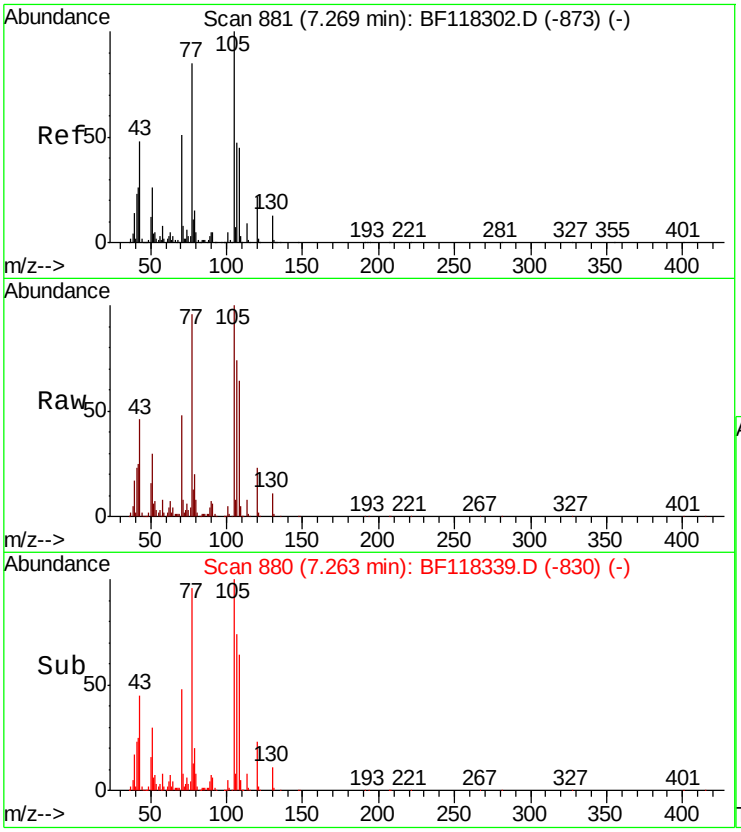


#18
Hexachloroethane
Concen: 31.228 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:117 Resp: 140751

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
201	95.4	76.2	114.2

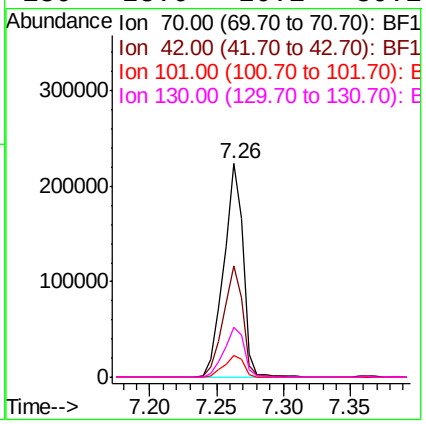




#19
n-Nitroso-di-n-propylamine
Concen: 32.668 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 70 Resp: 231408

Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.1	61.7
101	10.2	8.3	12.5
130	23.6	20.1	30.1



Instrument :
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ClientSampleId :
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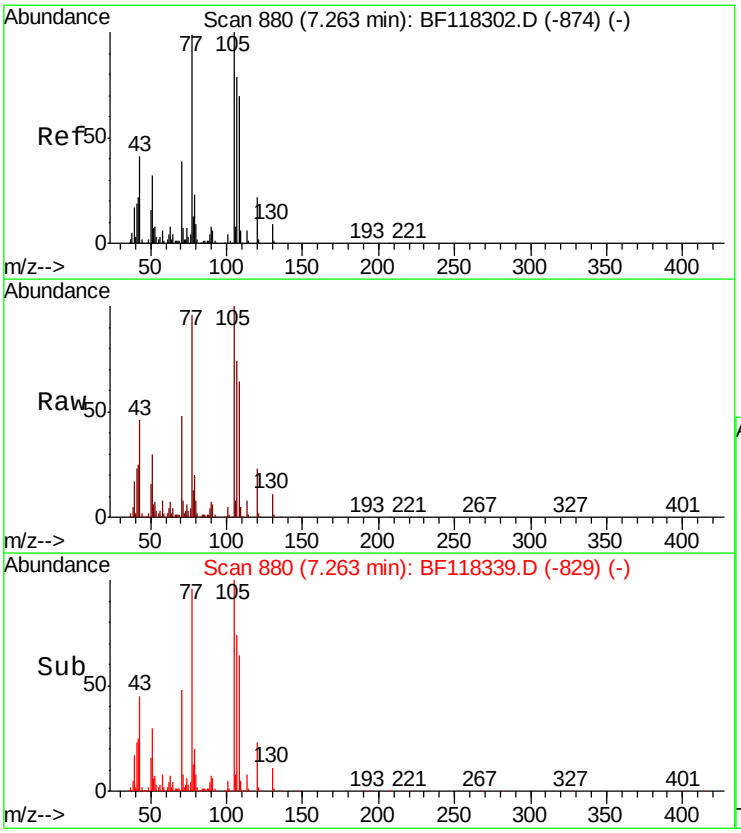
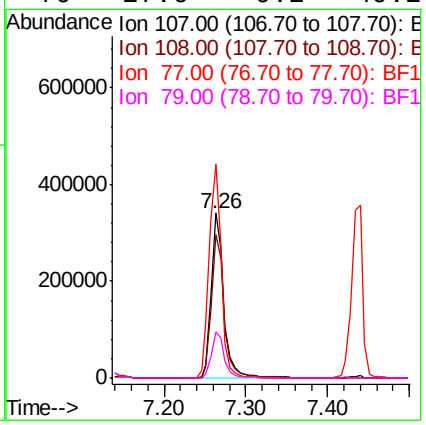
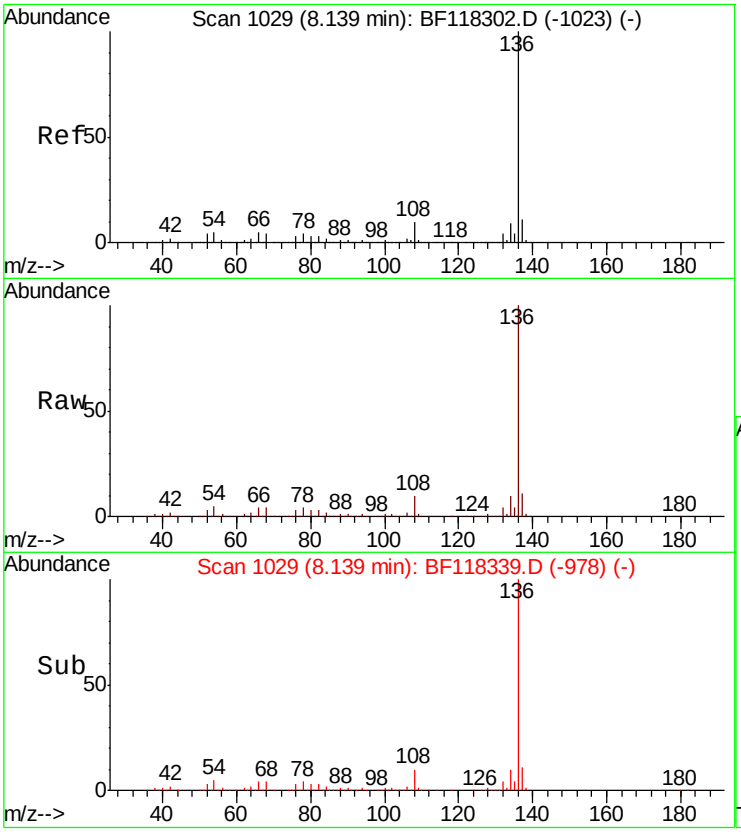


#20
3+4-Methylphenols
Concen: 33.228 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:107 Resp: 358086

Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.3	109.3
77	129.6	105.9	145.9
79	27.6	9.2	49.2

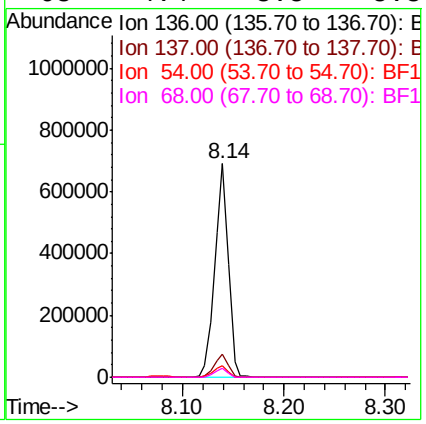




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:136 Resp: 637514

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.3	4.2	6.4
68	4.4	3.5	5.3



Instrument :
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ClientSampleId :
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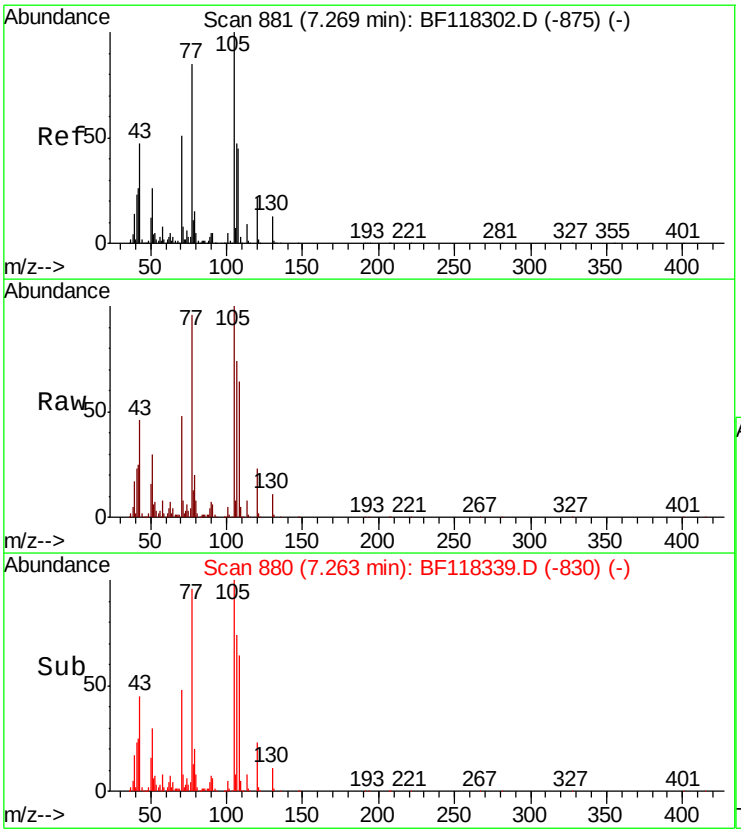
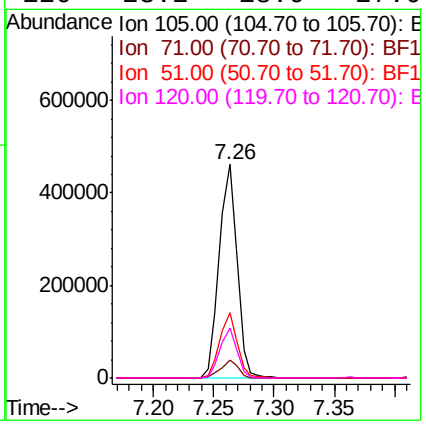
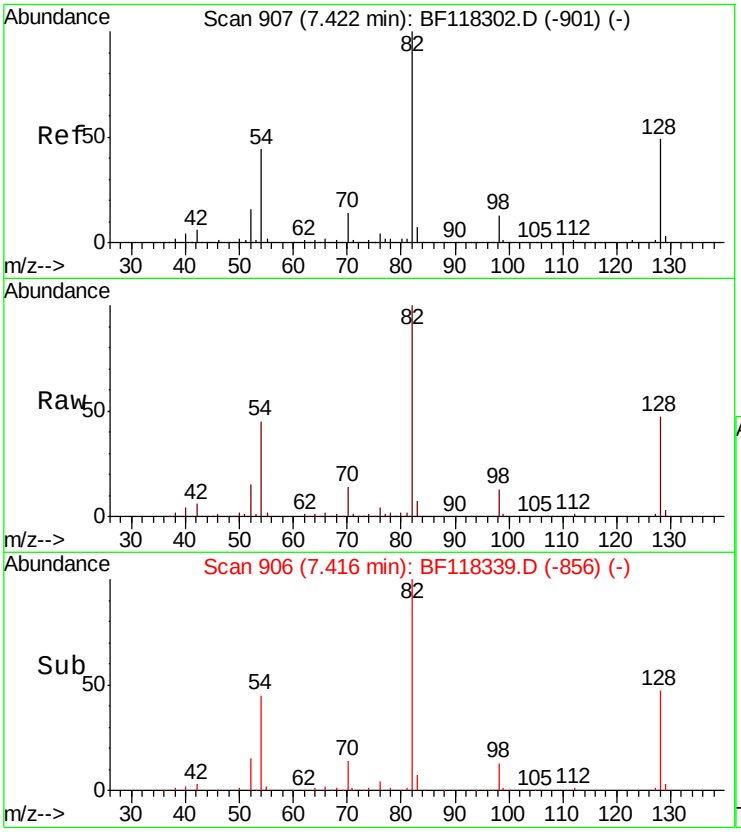


#22
Acetophenone
Concen: 30.487 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:105 Resp: 476359

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.6	9.8
51	30.5	20.6	30.8
120	23.2	18.0	27.0

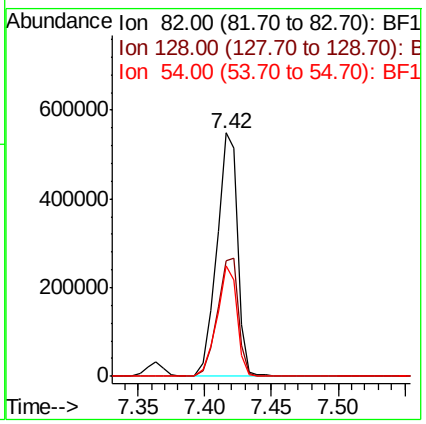




#23
Nitrobenzene-d5
Concen: 54.138 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 82 Resp: 603440

Ion	Ratio	Lower	Upper
82	100		
128	47.3	39.6	59.4
54	45.2	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
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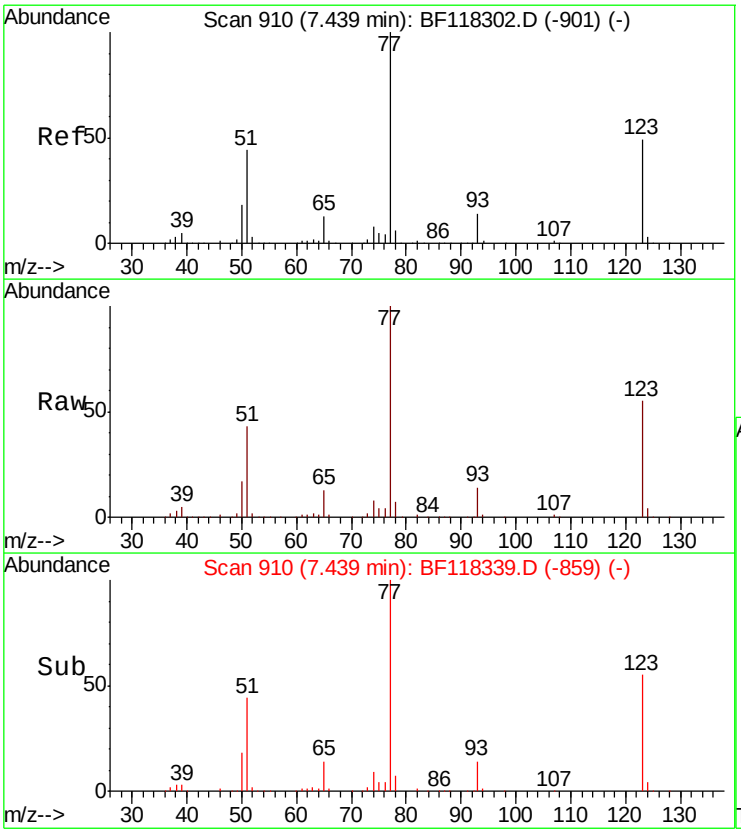
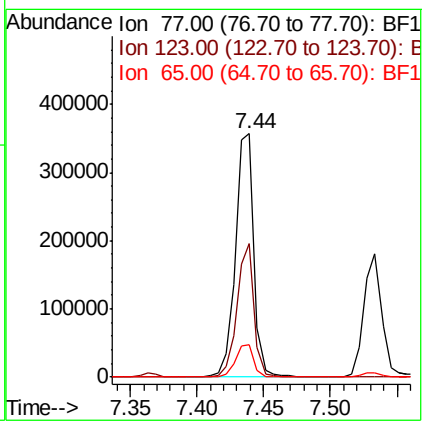
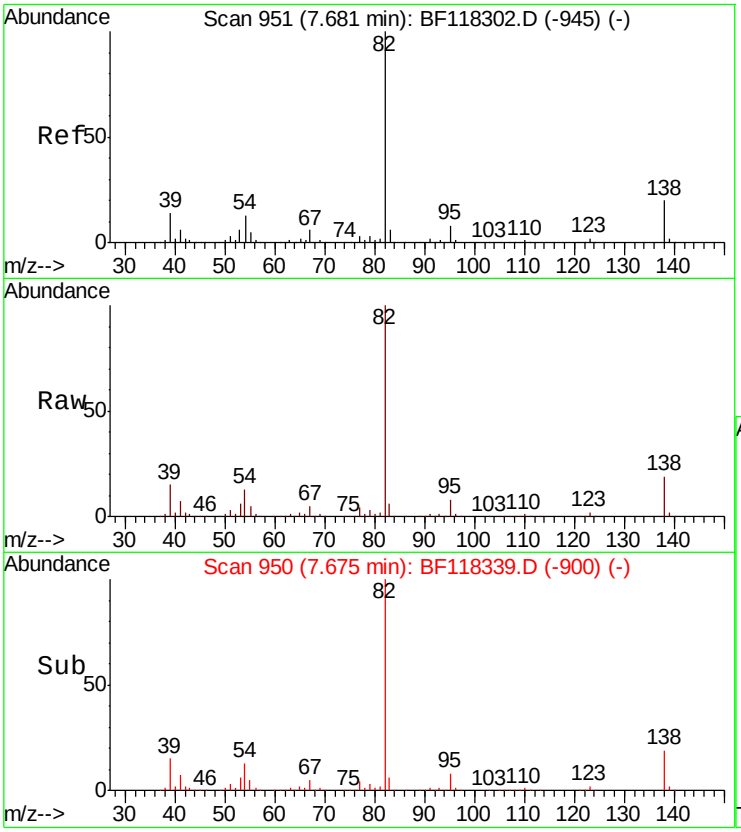


#24
Nitrobenzene
Concen: 30.652 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 77 Resp: 342252

Ion	Ratio	Lower	Upper
77	100		
123	54.7	39.1	58.7
65	13.3	10.6	16.0

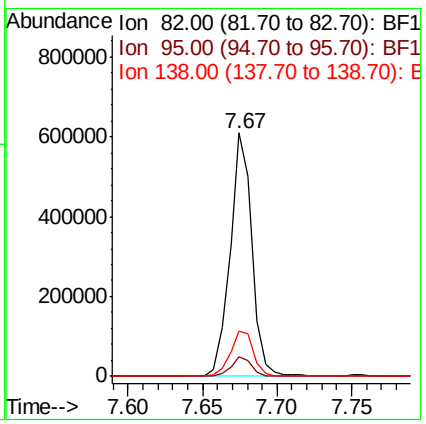




#25
Isophorone
Concen: 32.357 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 82 Resp: 628564

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	18.8	16.2	24.2



Instrument :
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ClientSampleId :
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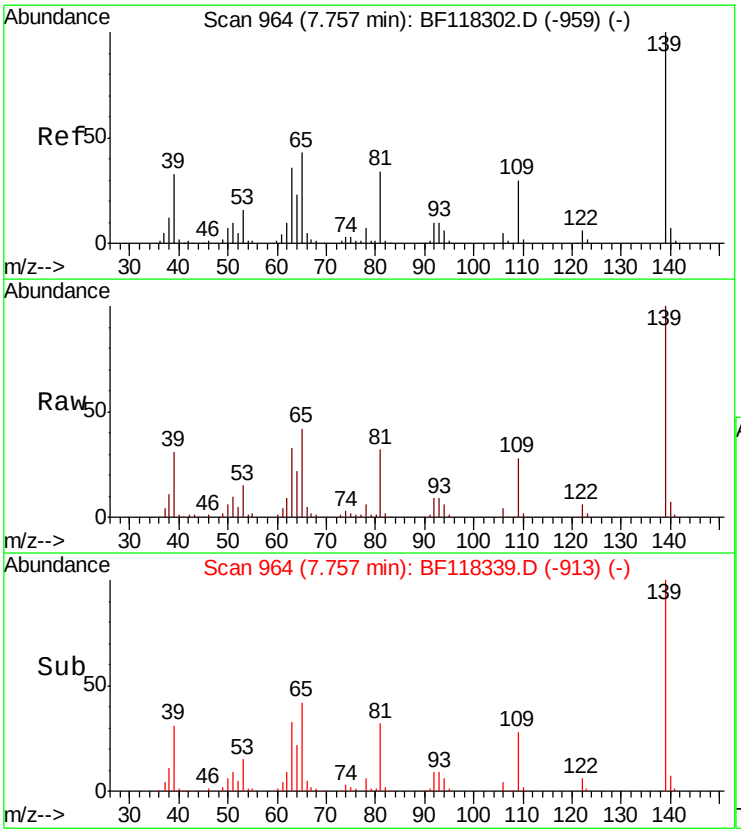
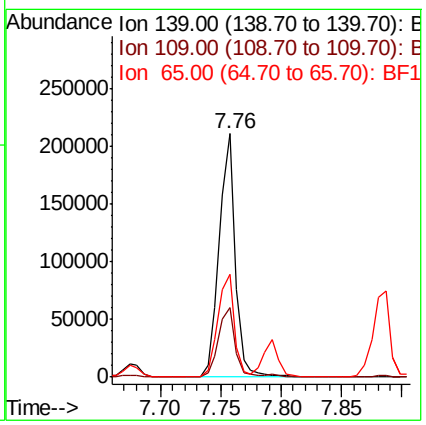
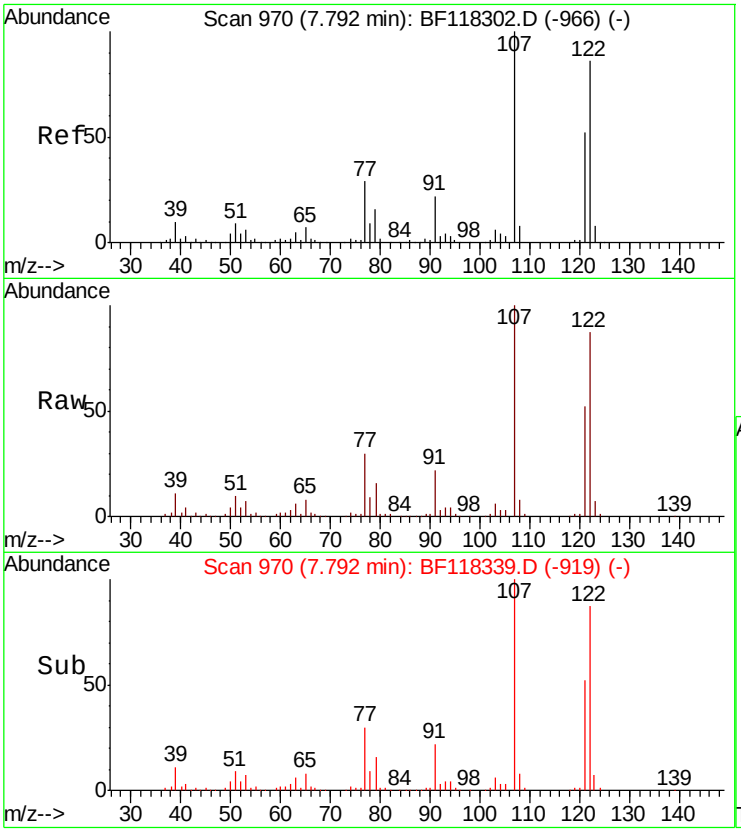


#26
2-Nitrophenol
Concen: 32.708 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:139 Resp: 193441

Ion	Ratio	Lower	Upper
139	100		
109	28.3	24.1	36.1
65	42.2	34.6	52.0

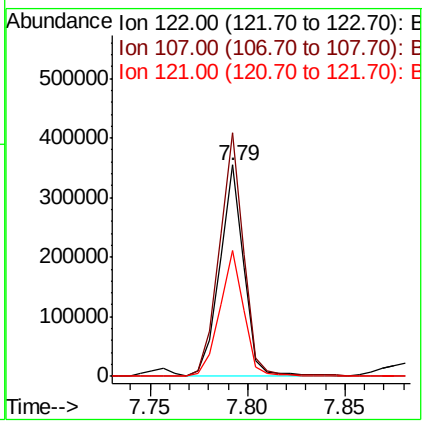




#27
2,4-Dimethylphenol
Concen: 37.353 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:122 Resp: 301408

Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.9	139.3
121	59.7	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
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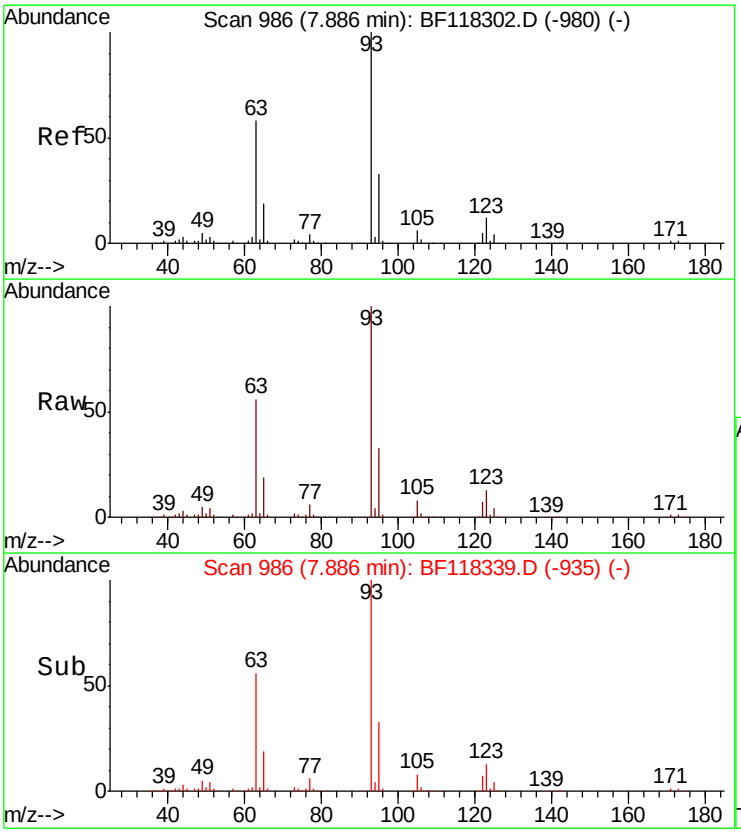
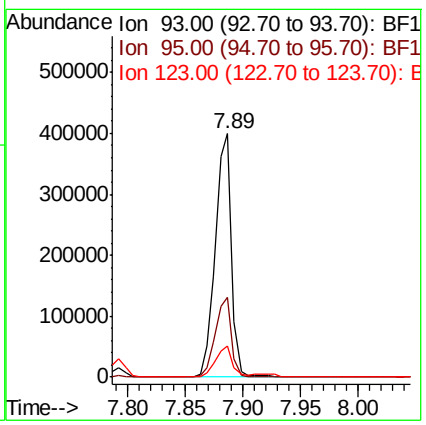
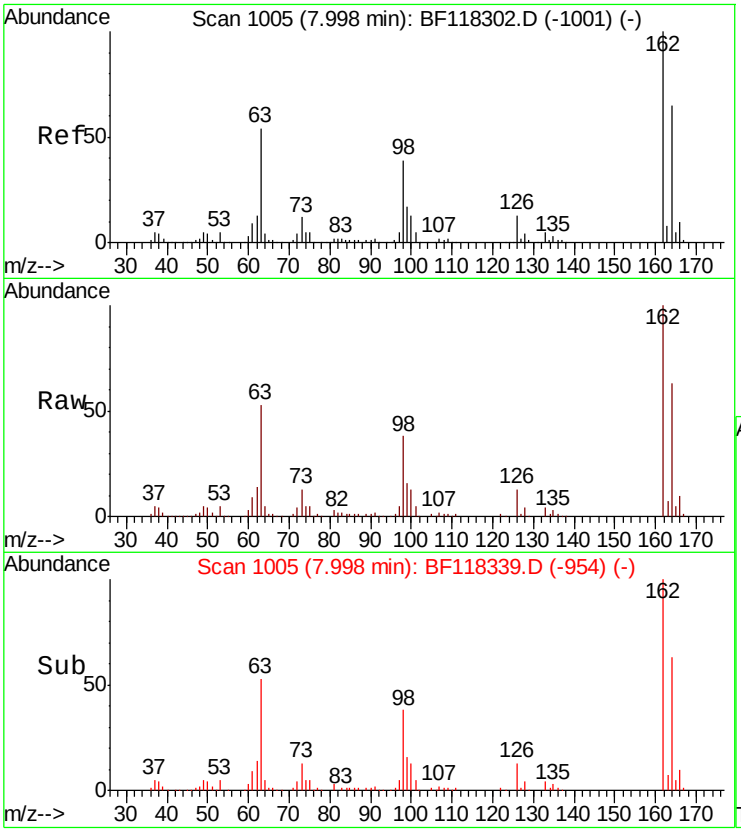


#28
bis(2-Chloroethoxy)methane
Concen: 30.641 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 93 Resp: 389272

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.7	9.8	14.8

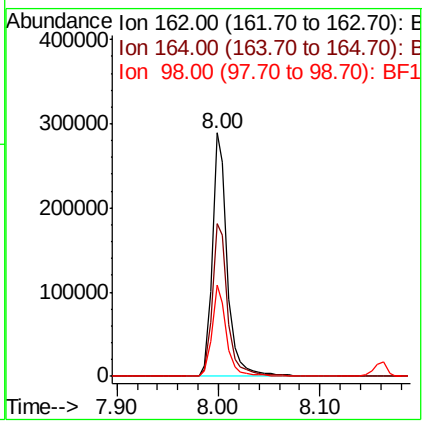




#29
2,4-Dichlorophenol
Concen: 31.994 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:162 Resp: 297148

Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.1	85.1
98	37.6	18.6	58.6



Instrument :
BNA_F
ClientSampleId :
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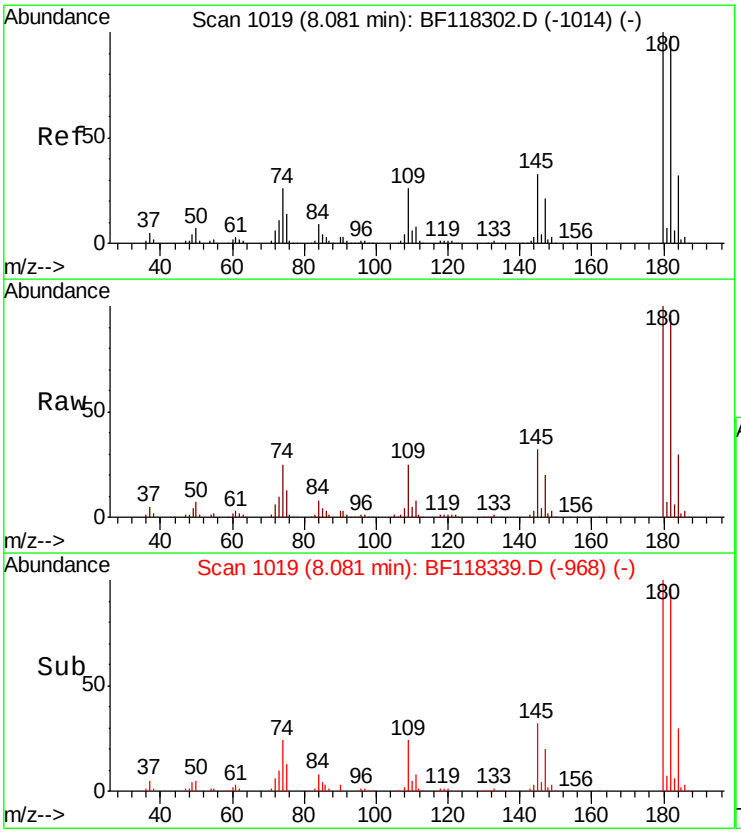
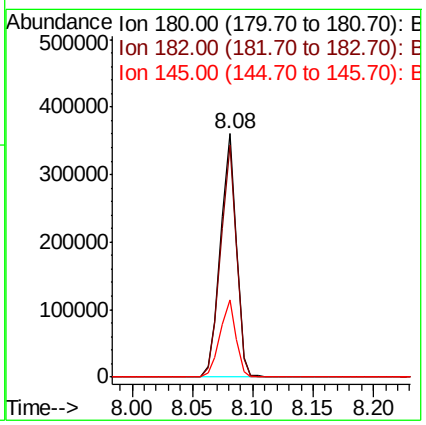
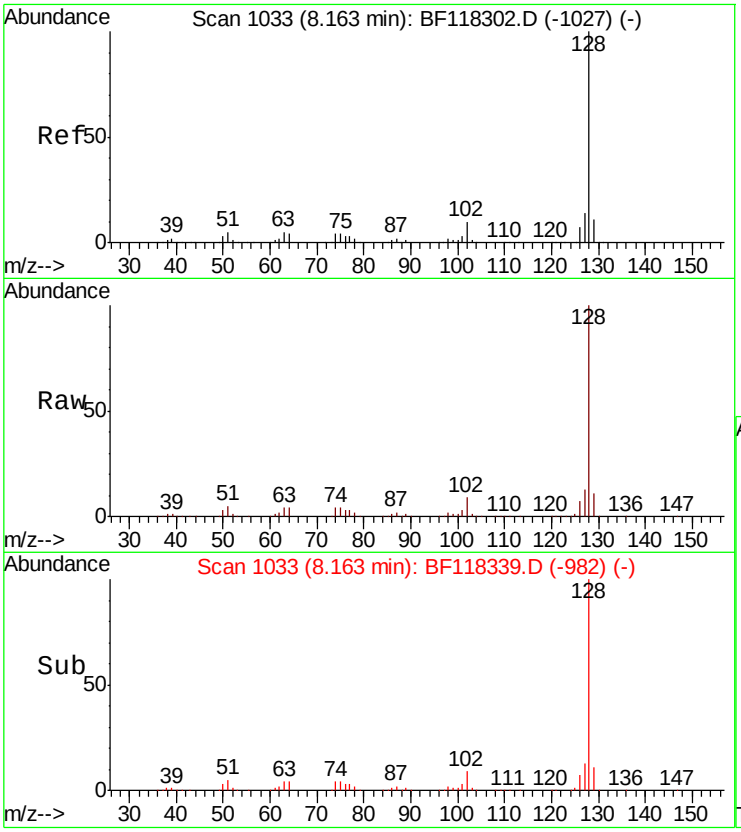


#30
1,2,4-Trichlorobenzene
Concen: 30.495 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:180 Resp: 329926

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.3	117.5
145	31.9	26.7	40.1

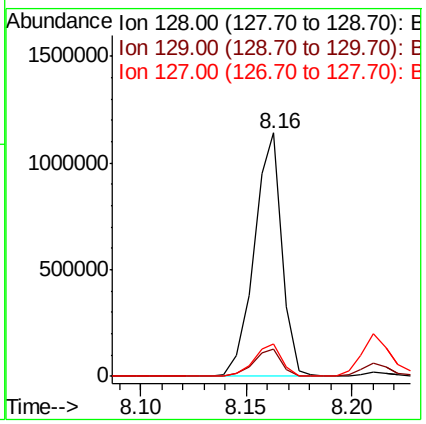




#31
Naphthalene
Concen: 32.074 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:128 Resp: 1039295

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.4	11.0	16.4



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ClientSampleId :
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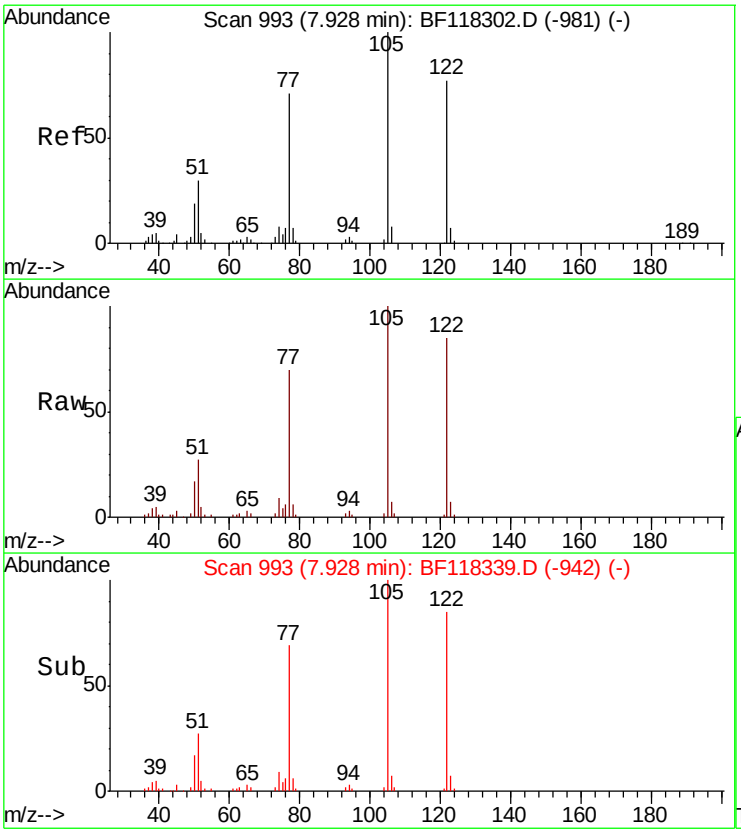
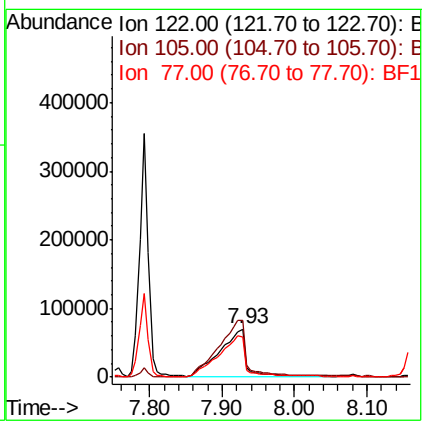
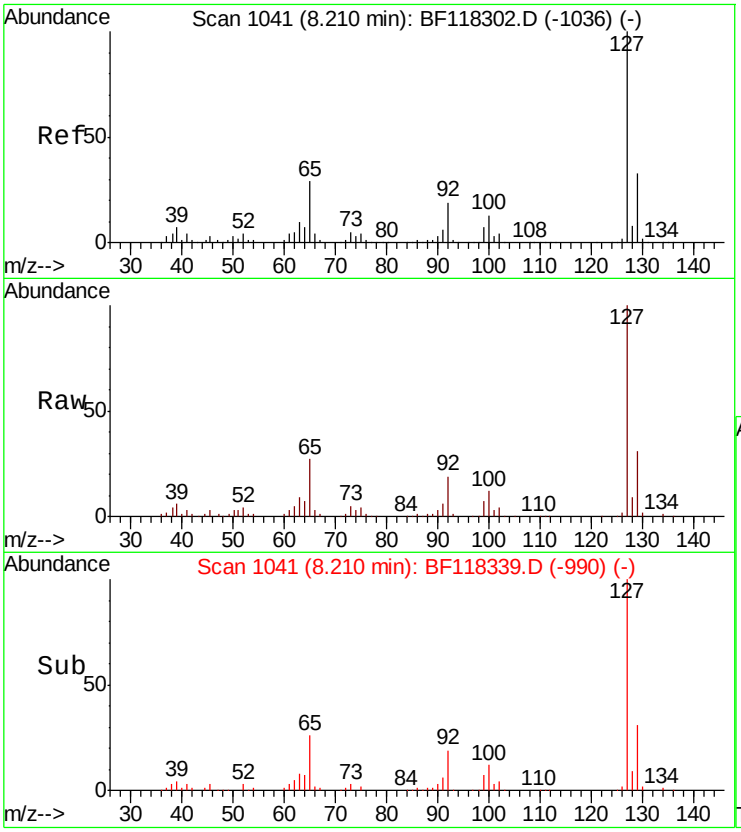


#32
Benzoic acid
Concen: 28.687 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:122 Resp: 177818

Ion	Ratio	Lower	Upper
122	100		
105	118.1	106.8	146.8
77	82.7	70.4	110.4

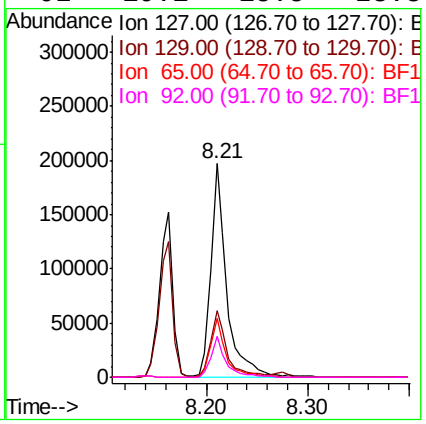




#33
4-Chloroaniline
Concen: 15.319 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:127 Resp: 212794

Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	27.4	22.8	34.2
92	19.1	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
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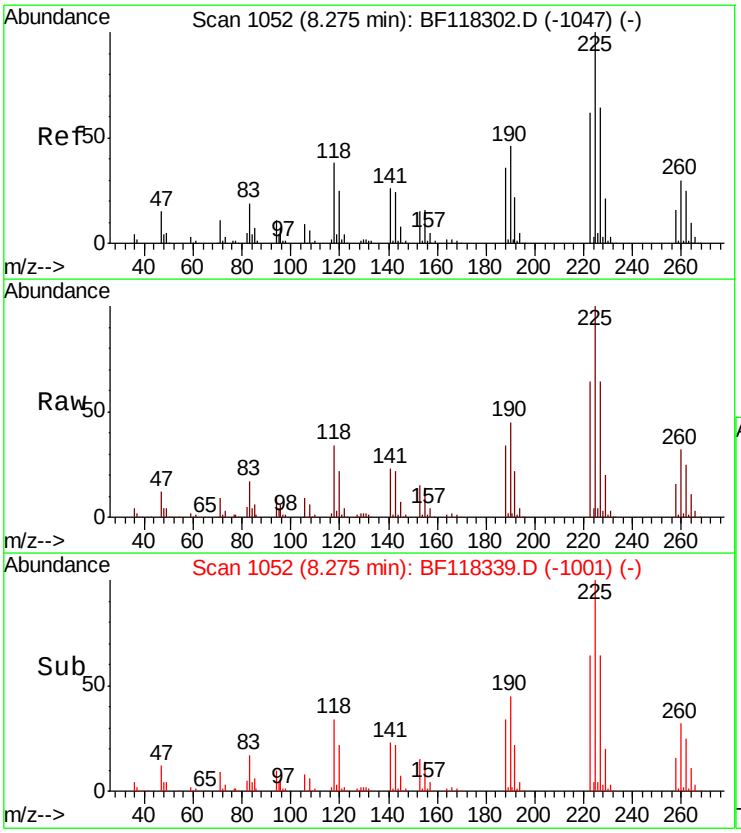
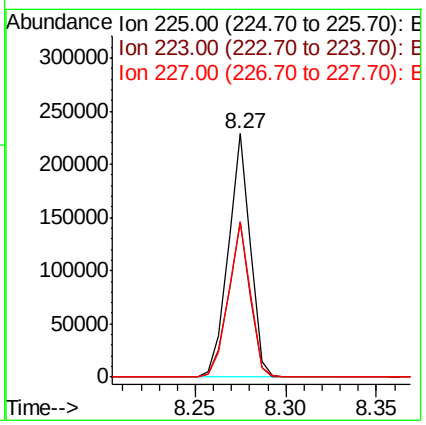
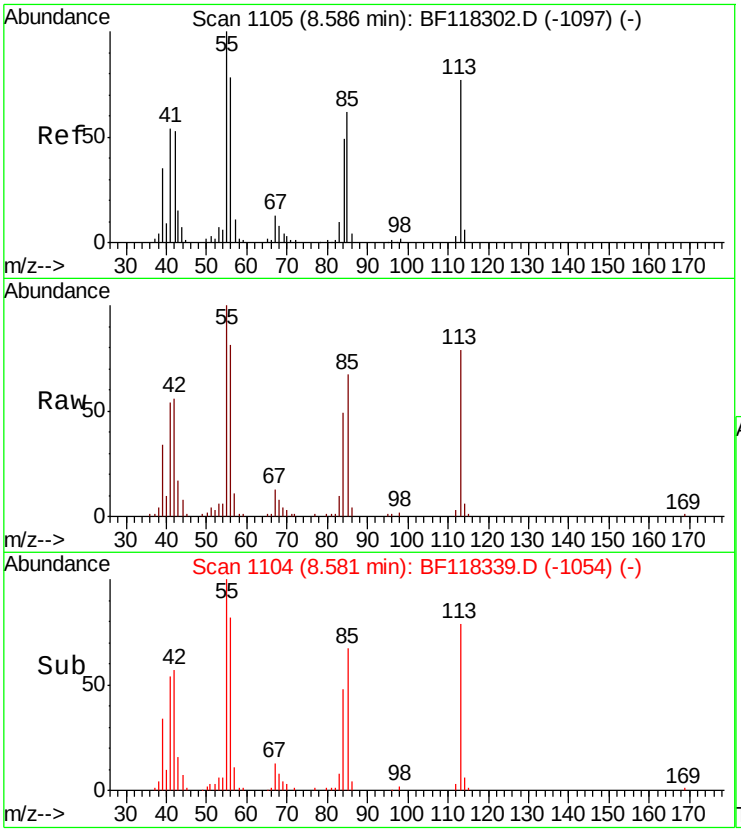


#34
Hexachlorobutadiene
Concen: 29.950 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:225 Resp: 192879

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.5	74.3
227	63.6	51.0	76.4

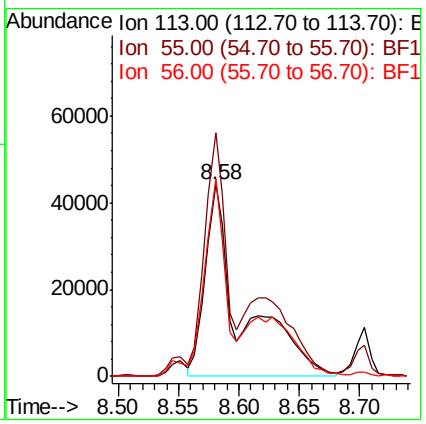




#35
Caprolactam
Concen: 32.158 ng m
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:113 Resp: 93245

Ion	Ratio	Lower	Upper
113	100		
55	126.8	109.8	149.8
56	102.7	81.7	121.7



Instrument :
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ClientSampleId :
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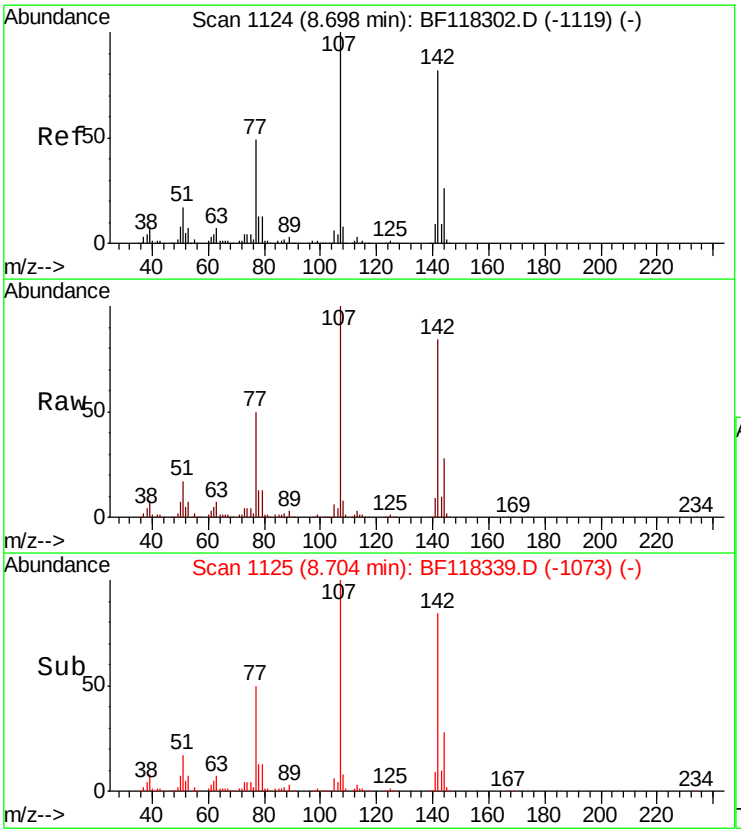
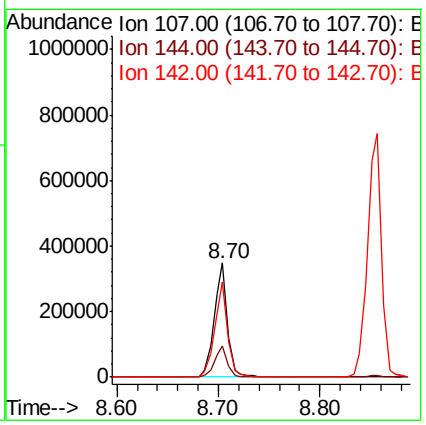
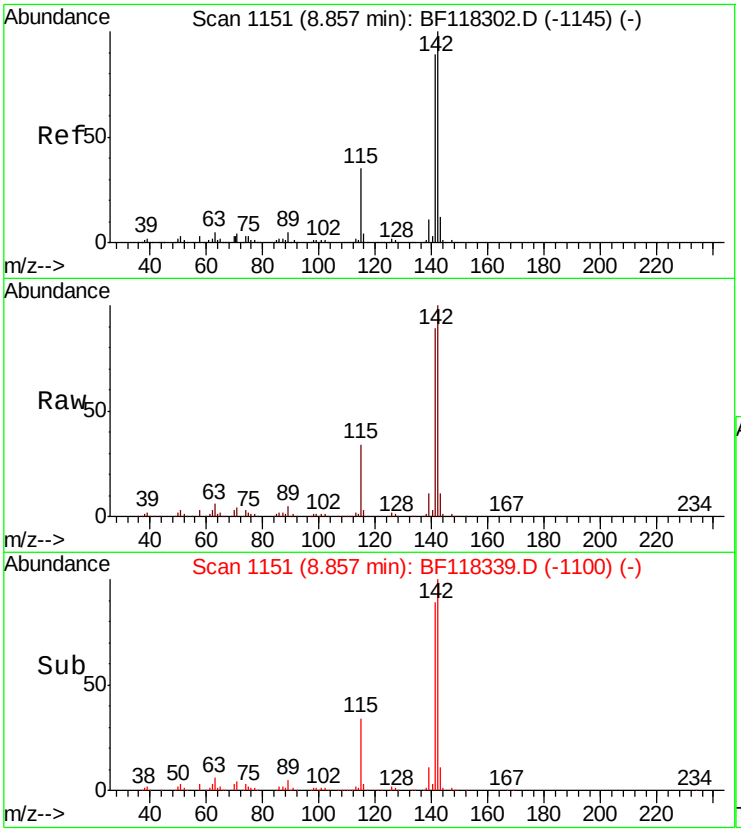


#36
4-Chloro-3-methylphenol
Concen: 31.432 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:107 Resp: 313424

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.2	31.8
142	83.5	65.4	98.2

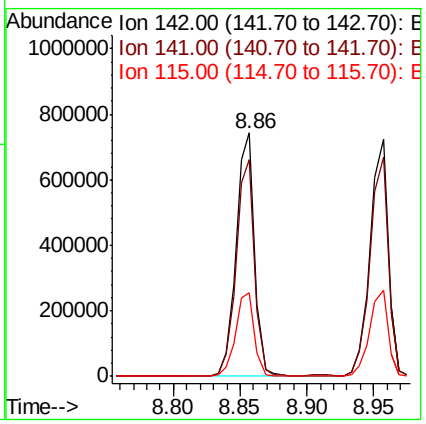




#37
2-Methylnaphthalene
Concen: 32.267 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:142 Resp: 715827

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.2	106.8
115	34.2	28.0	42.0



Instrument :
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ClientSampleId :
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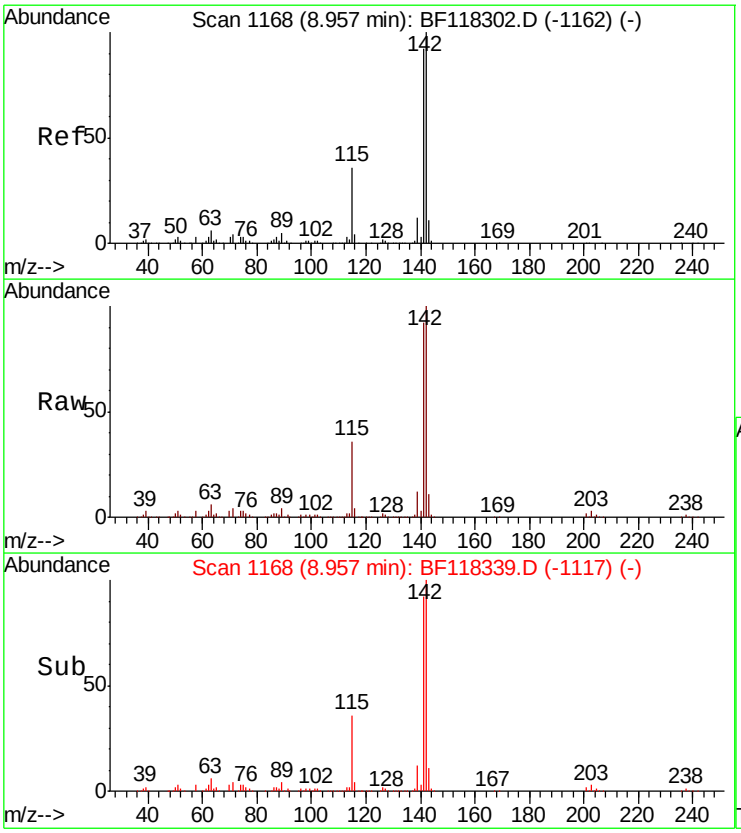
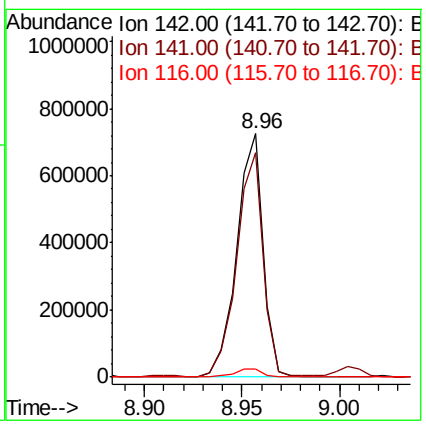
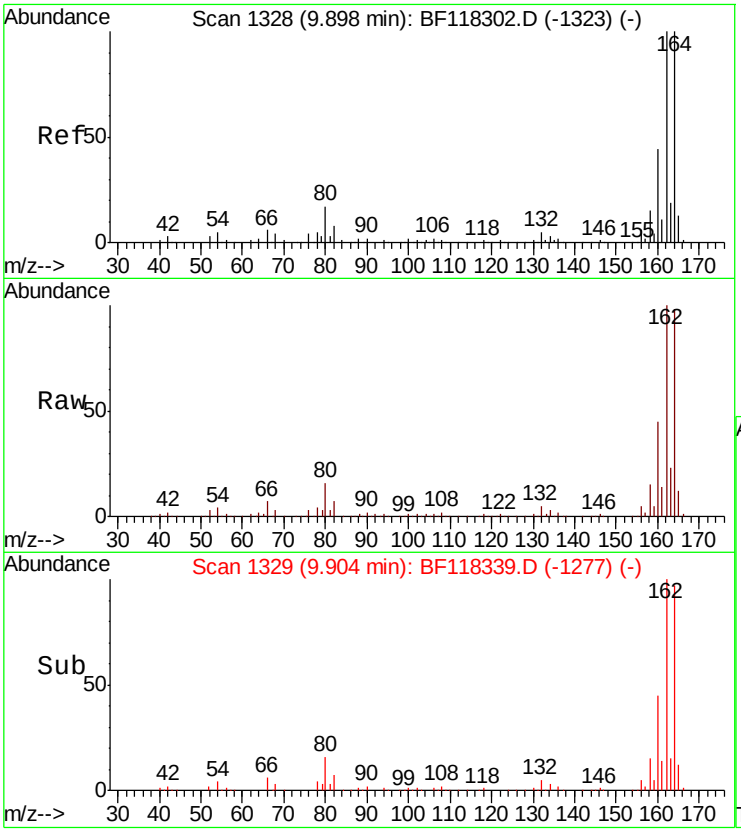


#38
1-Methylnaphthalene
Concen: 32.160 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:142 Resp: 672184

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
116	3.5	2.9	4.3

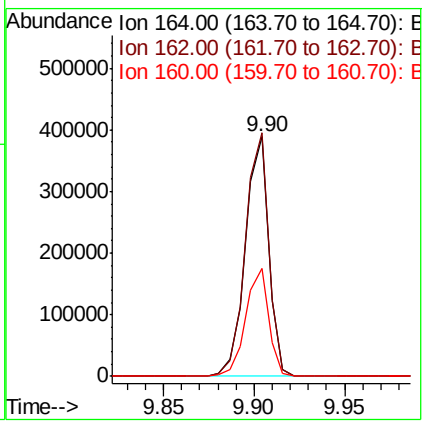




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:164 Resp: 347713

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.0	120.0
160	45.3	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
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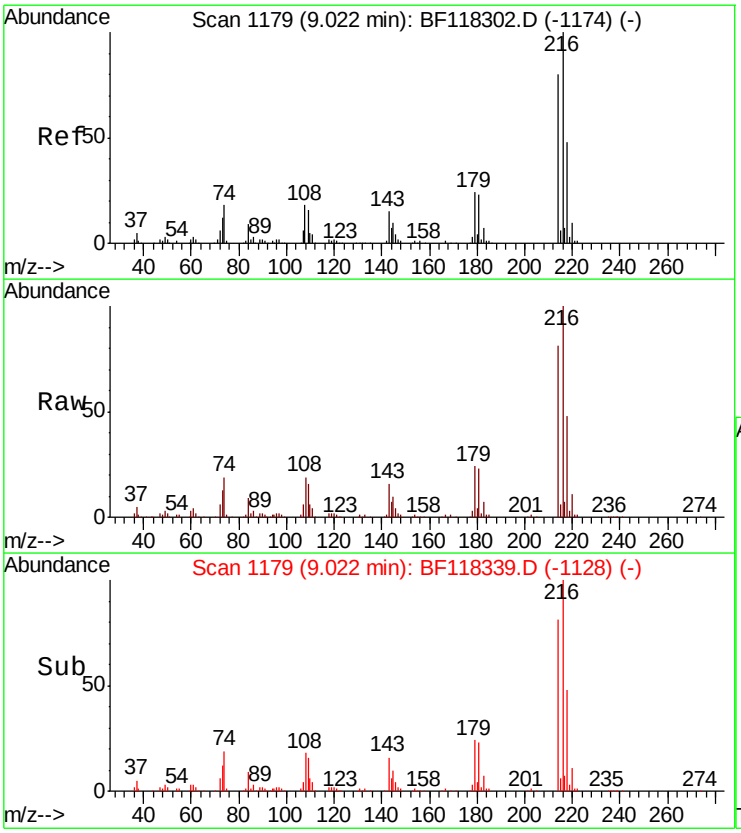
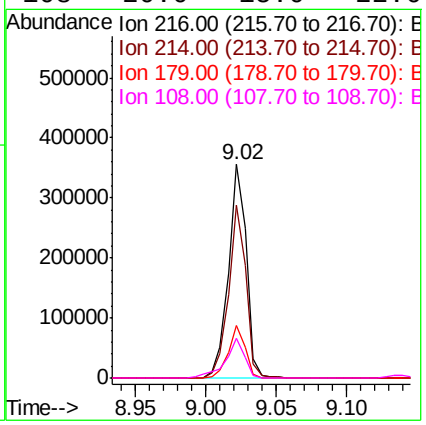
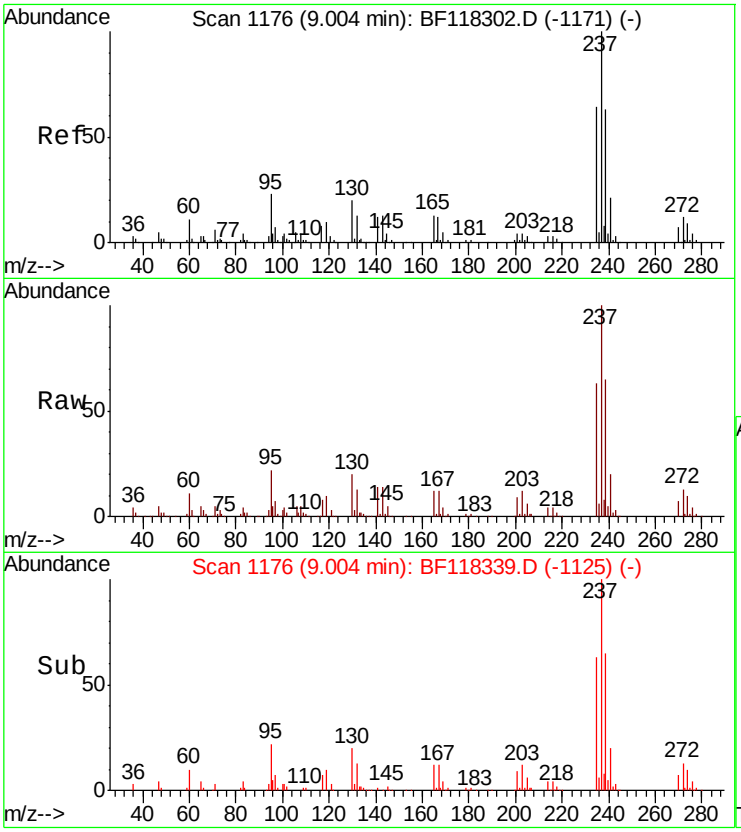


#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.859 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:216 Resp: 311940

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.3	94.9
179	23.1	18.9	28.3
108	20.0	15.0	22.6

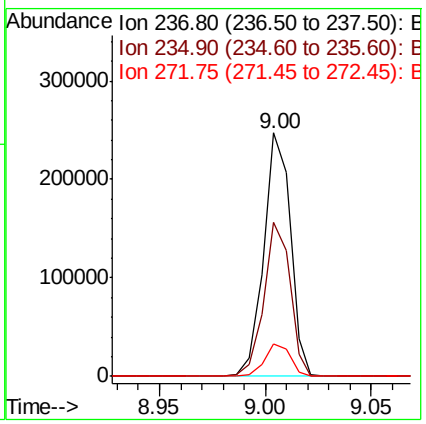




#41
Hexachlorocyclopentadiene
Concen: 52.915 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:237 Resp: 217615

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.8	83.8
272	13.4	0.0	31.7



Instrument :
BNA_F
ClientSampleId :
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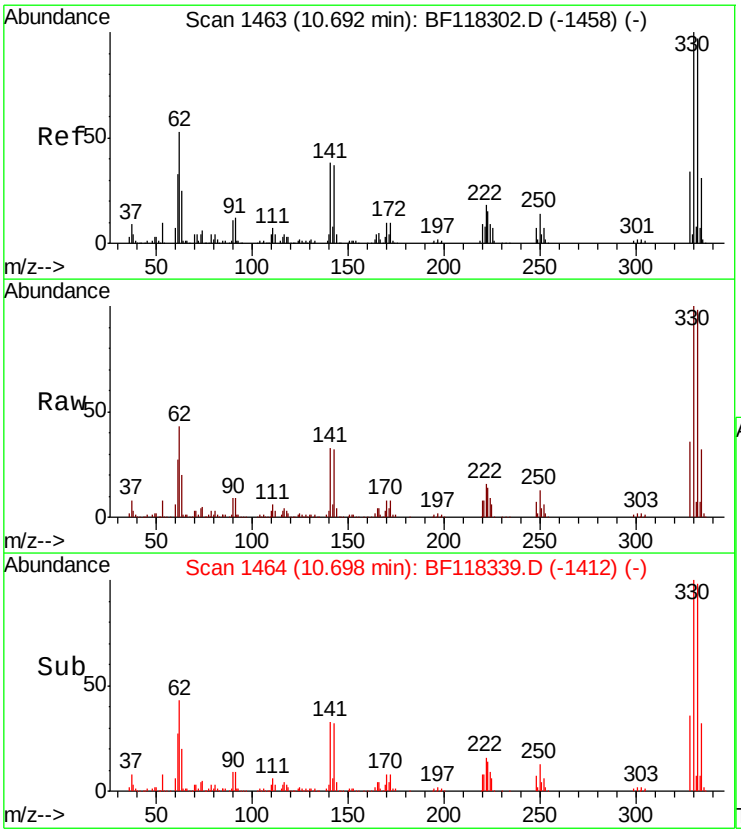
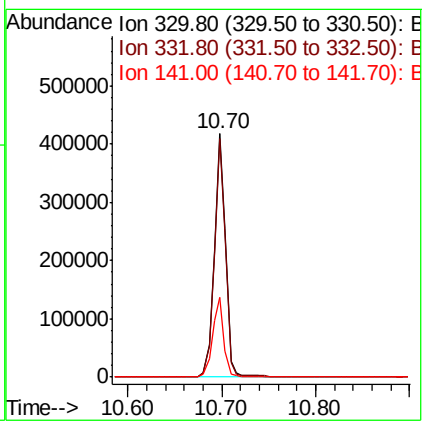
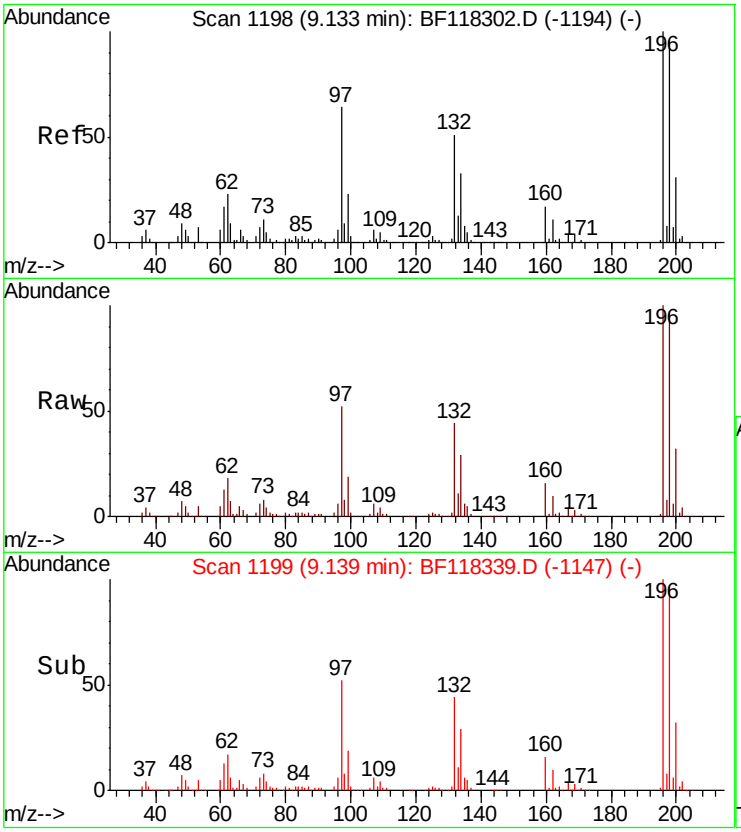


#42
2,4,6-Tribromophenol
Concen: 83.552 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:330 Resp: 358773

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	32.2	26.0	39.0

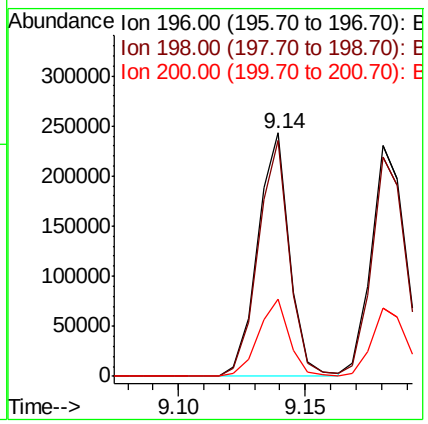




#43
2,4,6-Trichlorophenol
Concen: 30.635 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:196 Resp: 213818

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.7	115.1
200	31.8	24.8	37.2



Instrument :
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ClientSampleId :
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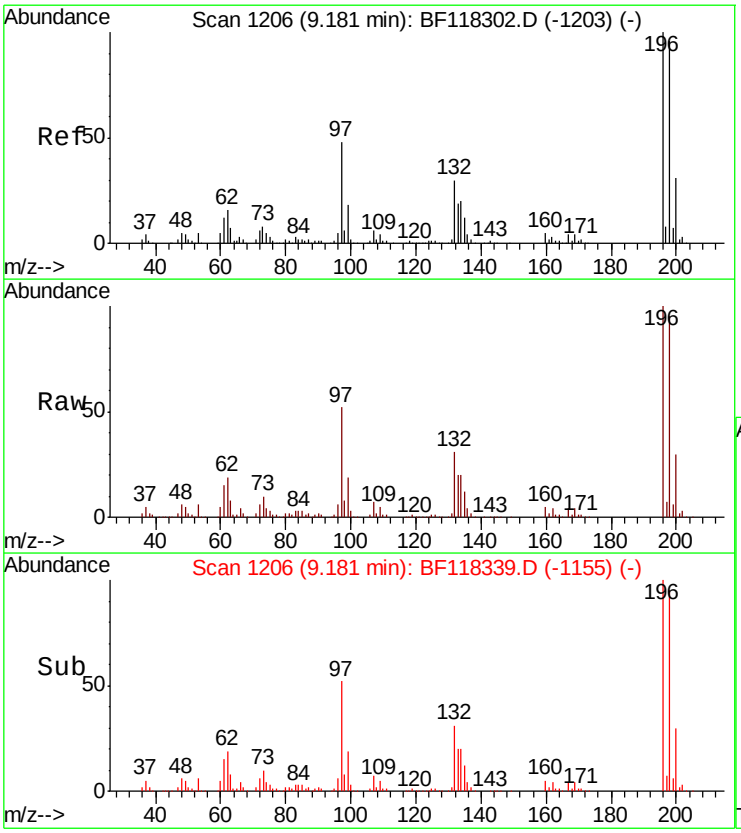
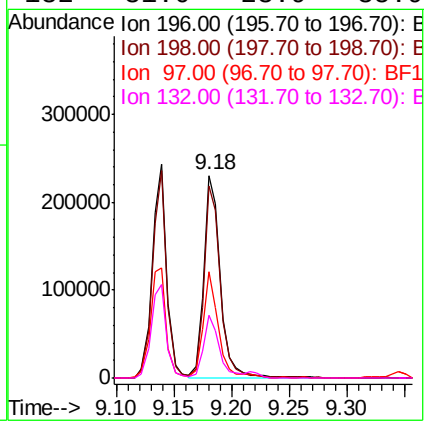
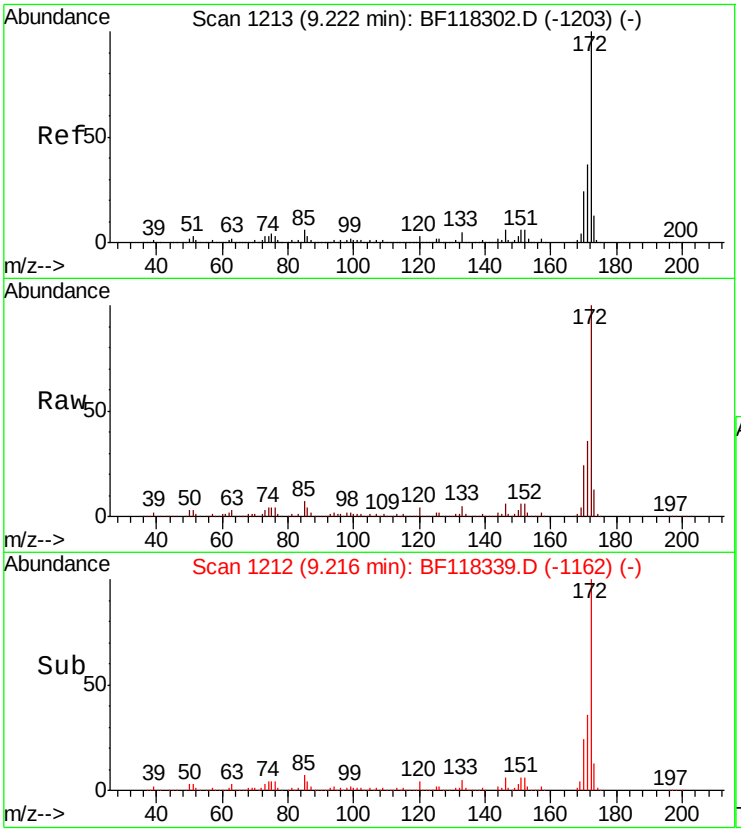


#44
2,4,5-Trichlorophenol
Concen: 32.094 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:196 Resp: 230434

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.0	115.4
97	52.5	38.9	58.3
132	31.0	23.9	35.9

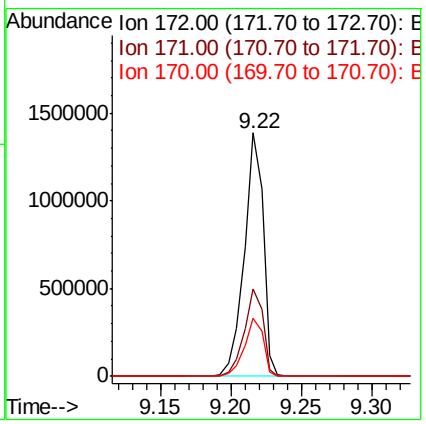




#45
2-Fluorobiphenyl
Concen: 57.153 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:172 Resp: 1301891

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	24.0	19.2	28.8



Instrument :
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ClientSampleId :
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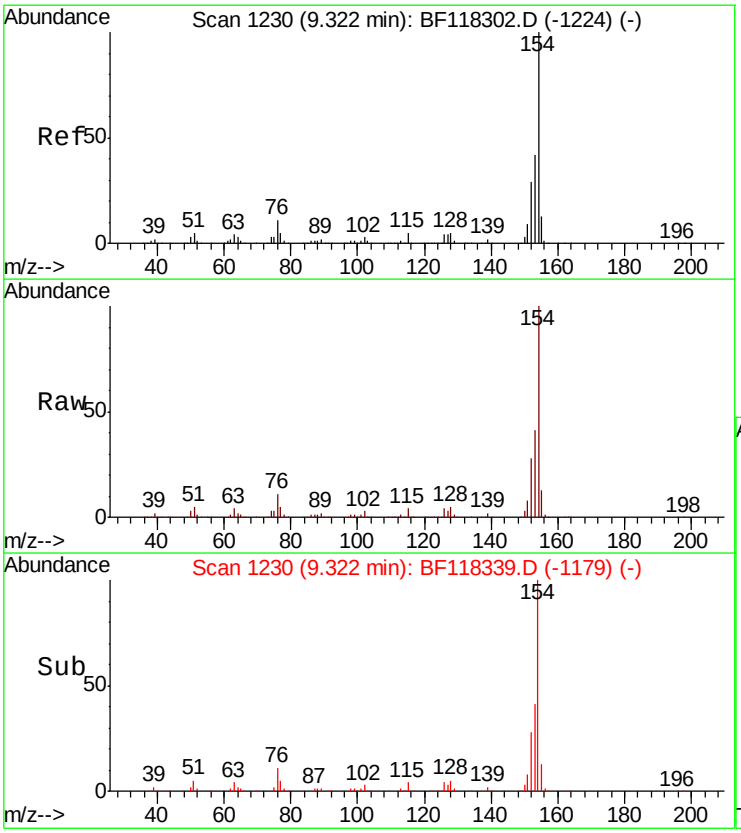
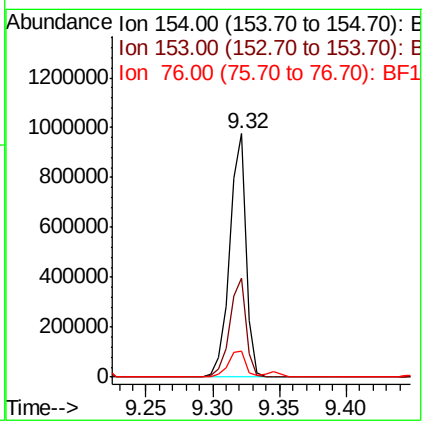
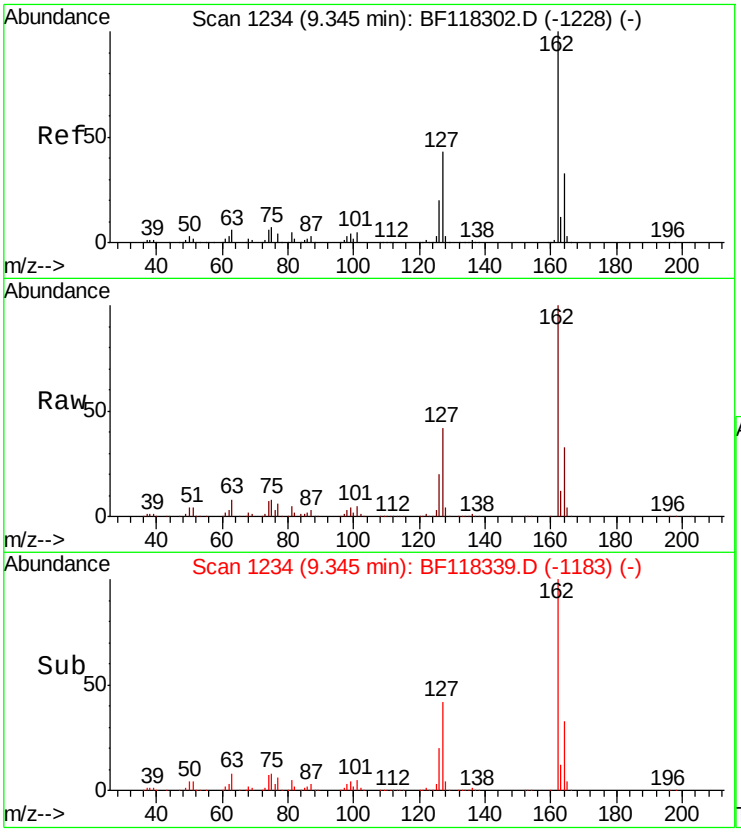


#46
1,1'-Biphenyl
Concen: 30.815 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:154 Resp: 847478

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.8	61.8
76	10.6	0.0	30.9

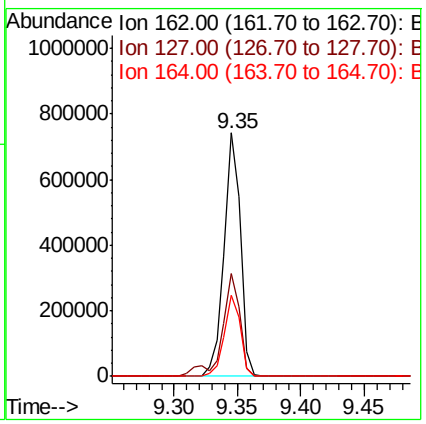




#47
2-Chloronaphthalene
Concen: 30.073 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:162 Resp: 665663

Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	33.3	26.6	40.0



Instrument :
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ClientSampleId :
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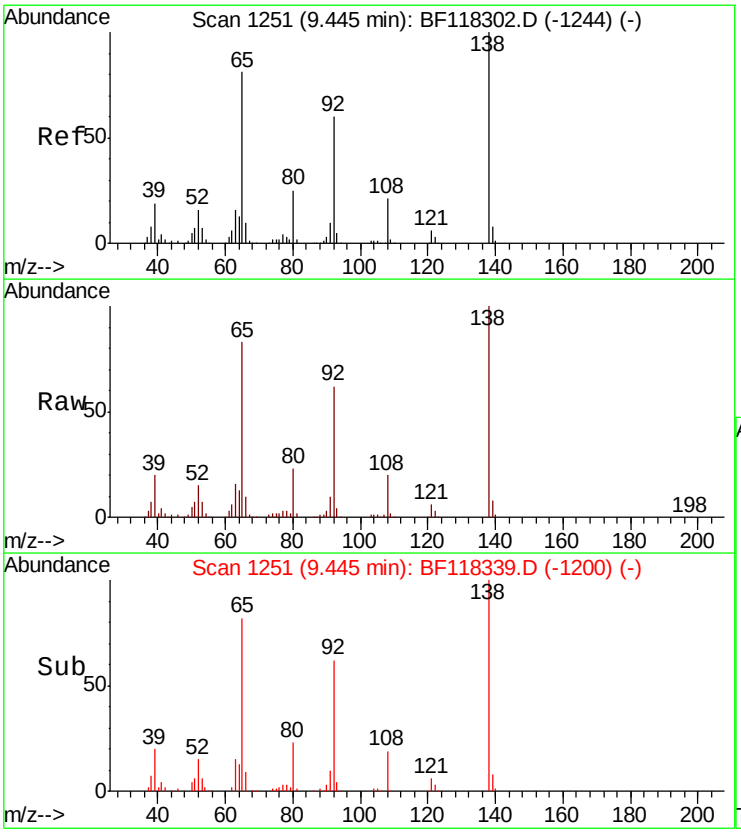
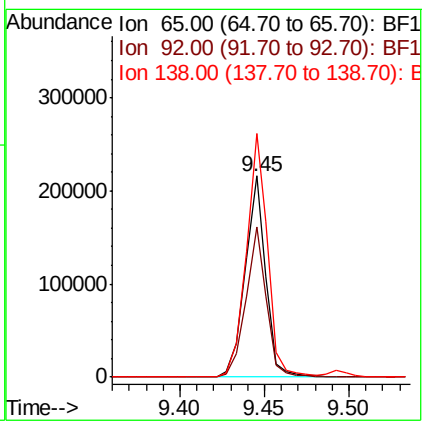
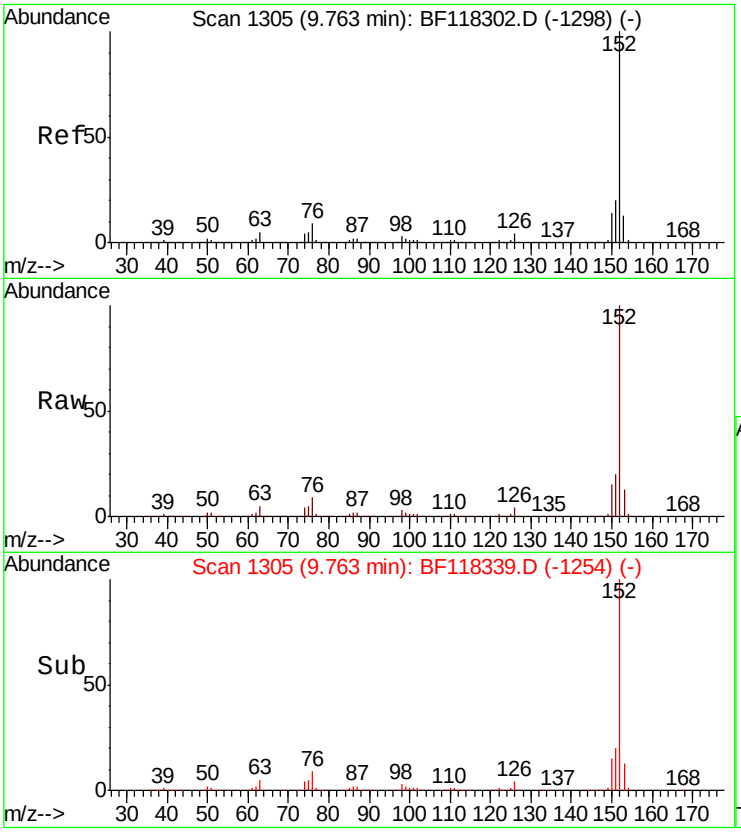


#48
2-Nitroaniline
Concen: 29.465 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 65 Resp: 184218

Ion	Ratio	Lower	Upper
65	100		
92	74.8	58.7	88.1
138	121.0	98.5	147.7

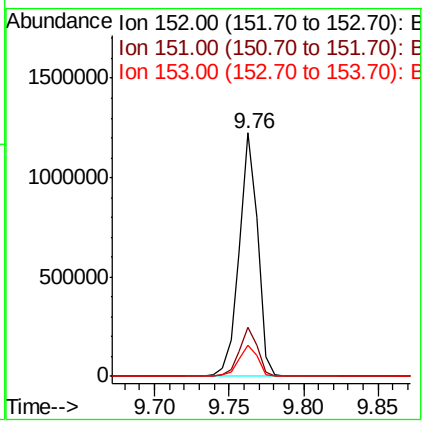




#49
Acenaphthylene
Concen: 32.281 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:152 Resp: 1059727

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	12.9	10.5	15.7



Instrument :
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ClientSampleId :
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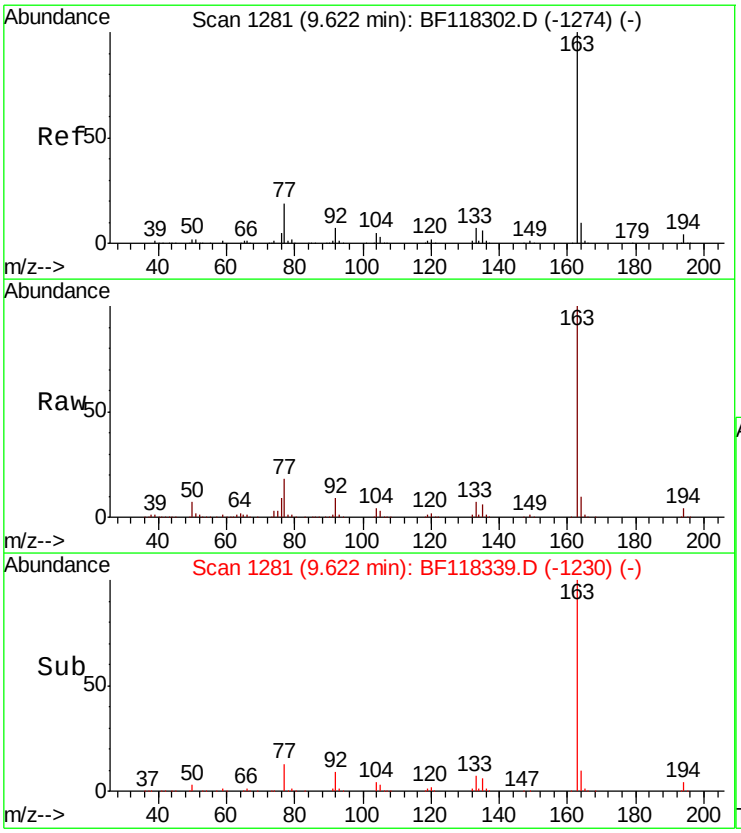
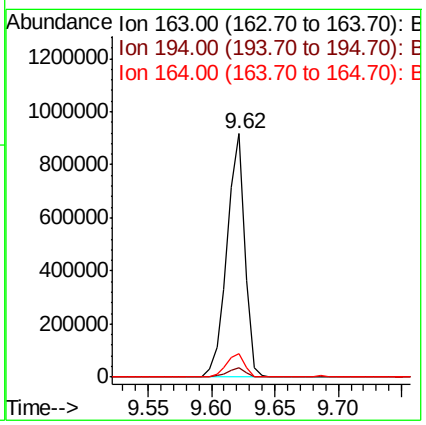
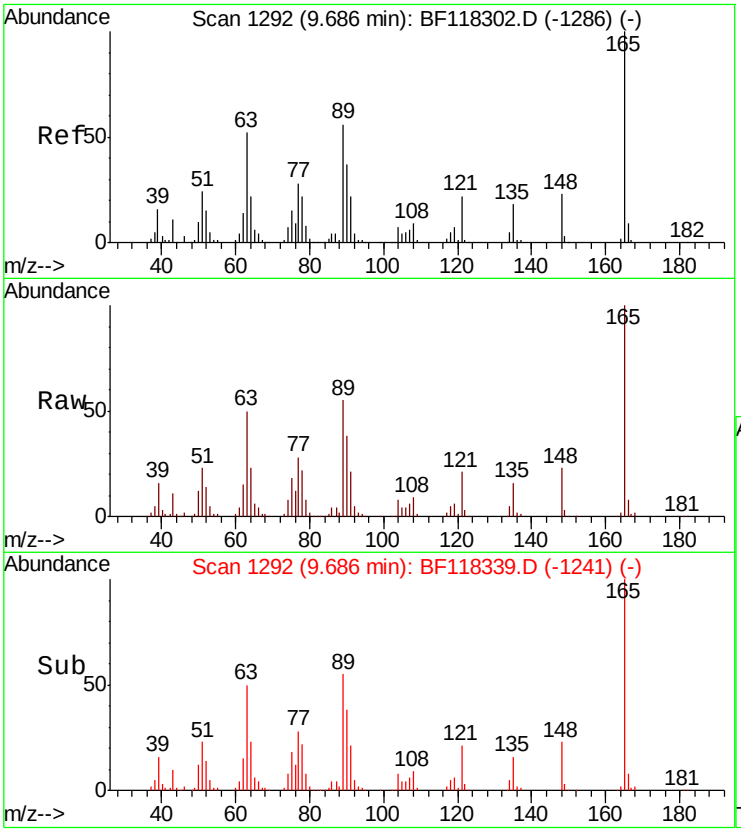


#50
Dimethylphthalate
Concen: 34.014 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:163 Resp: 887783

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	7.9	11.9

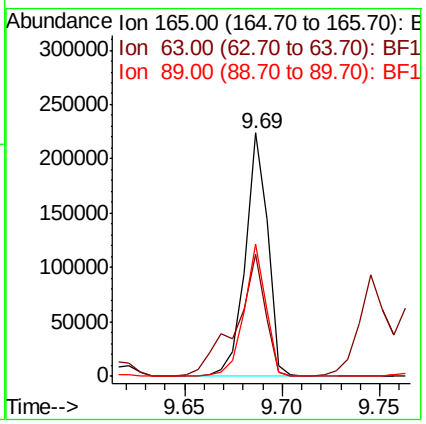




#51
2,6-Dinitrotoluene
Concen: 31.814 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:165 Resp: 179022

Ion	Ratio	Lower	Upper
165	100		
63	50.3	42.2	63.4
89	54.6	44.4	66.6



Instrument :
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ClientSampleId :
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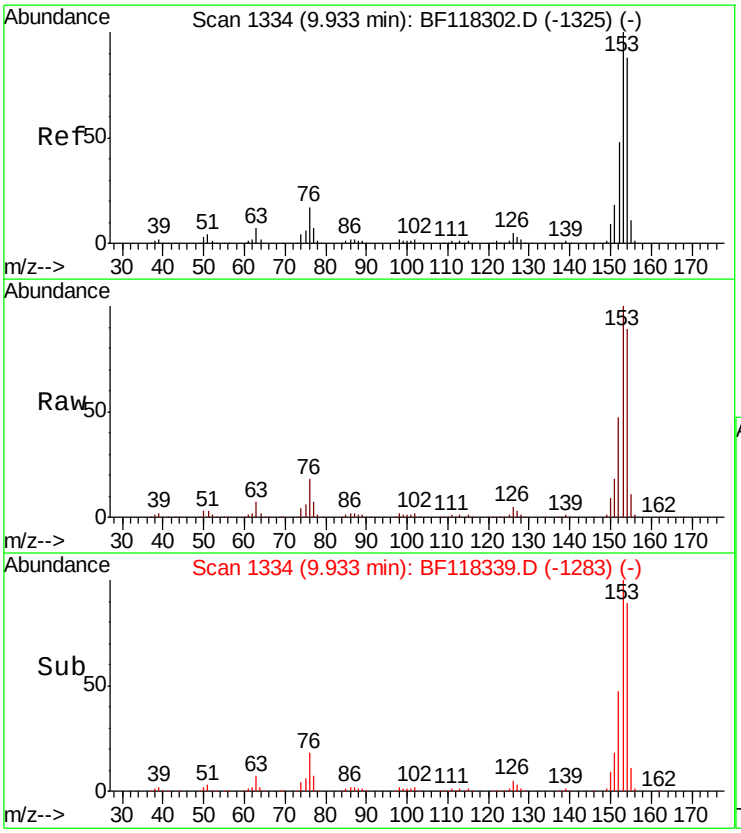
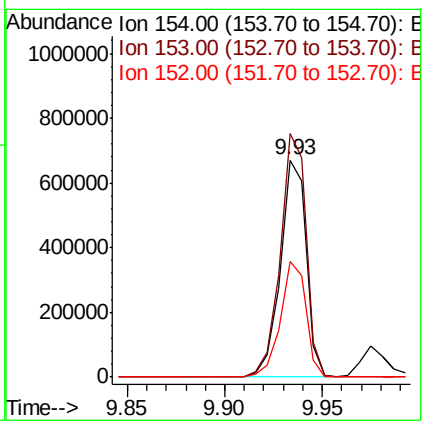
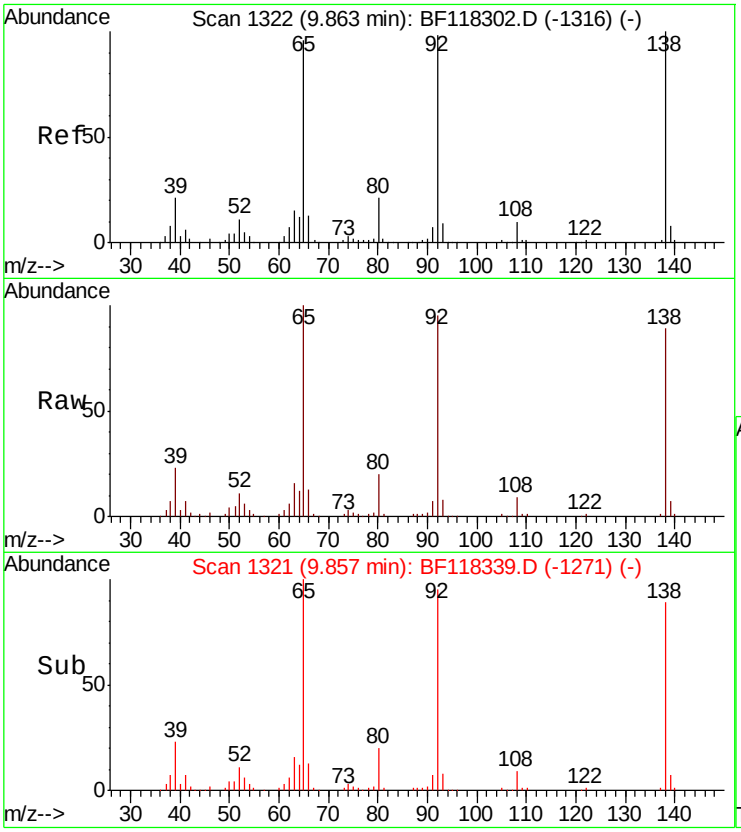


#52
Acenaphthene
Concen: 30.786 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:154 Resp: 615585

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.6	136.0
152	53.2	43.1	64.7

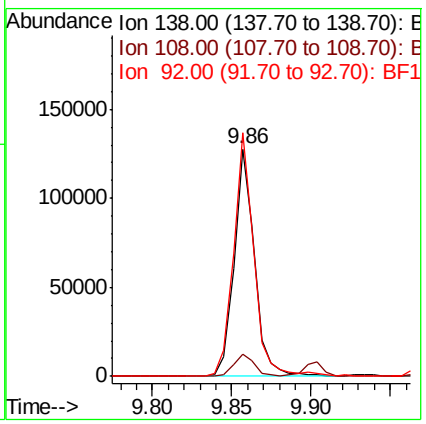




#53
3-Nitroaniline
Concen: 17.252 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:138 Resp: 113942

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.8
92	107.0	78.2	117.2



Instrument :
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ClientSampleId :
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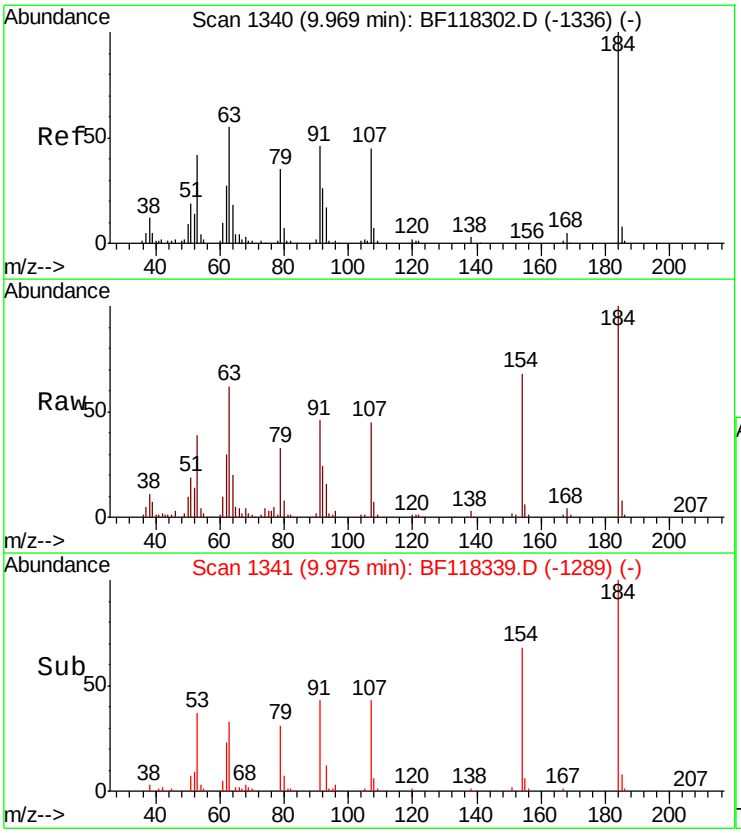
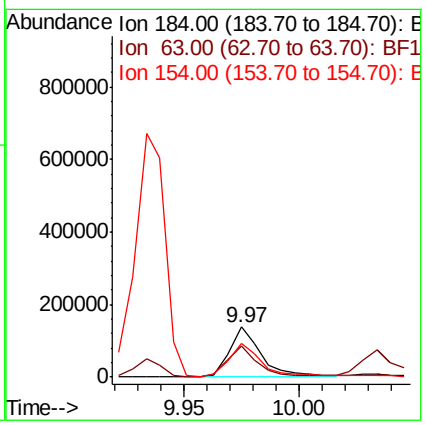
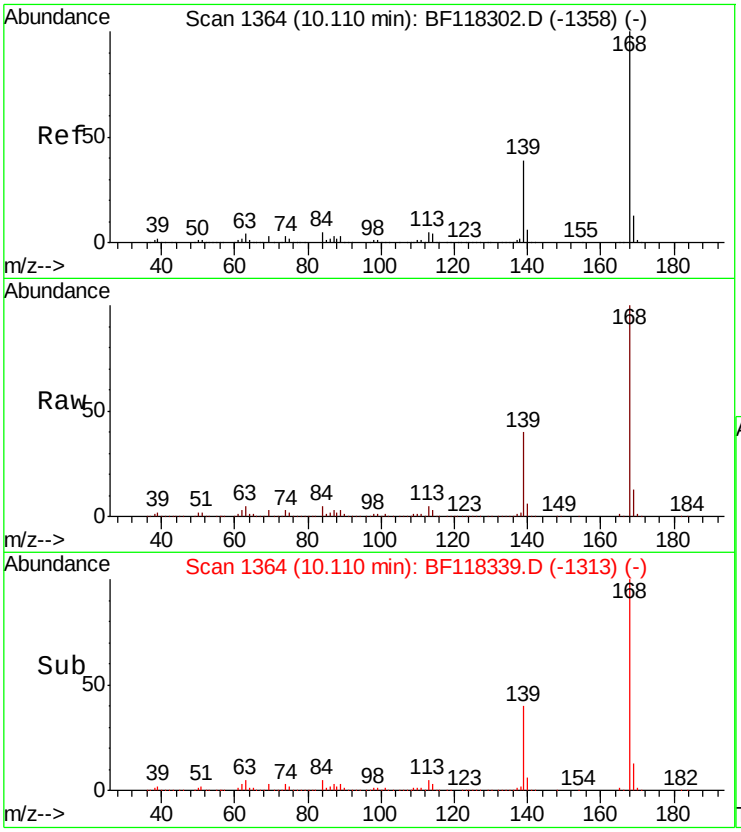


#54
2,4-Dinitrophenol
Concen: 49.642 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:184 Resp: 134877

Ion	Ratio	Lower	Upper
184	100		
63	61.8	48.8	73.2
154	68.5	55.0	82.4

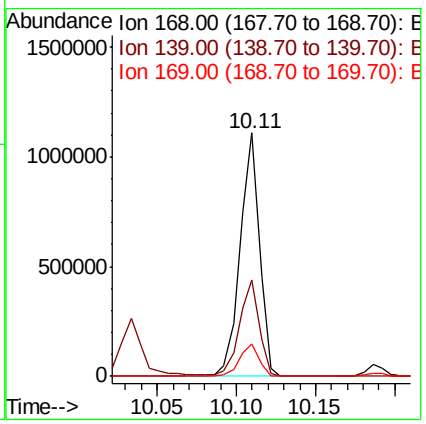




#55
Dibenzofuran
Concen: 31.778 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:168 Resp: 938894

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.5	47.3
169	13.3	10.4	15.6



Instrument :
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ClientSampleId :
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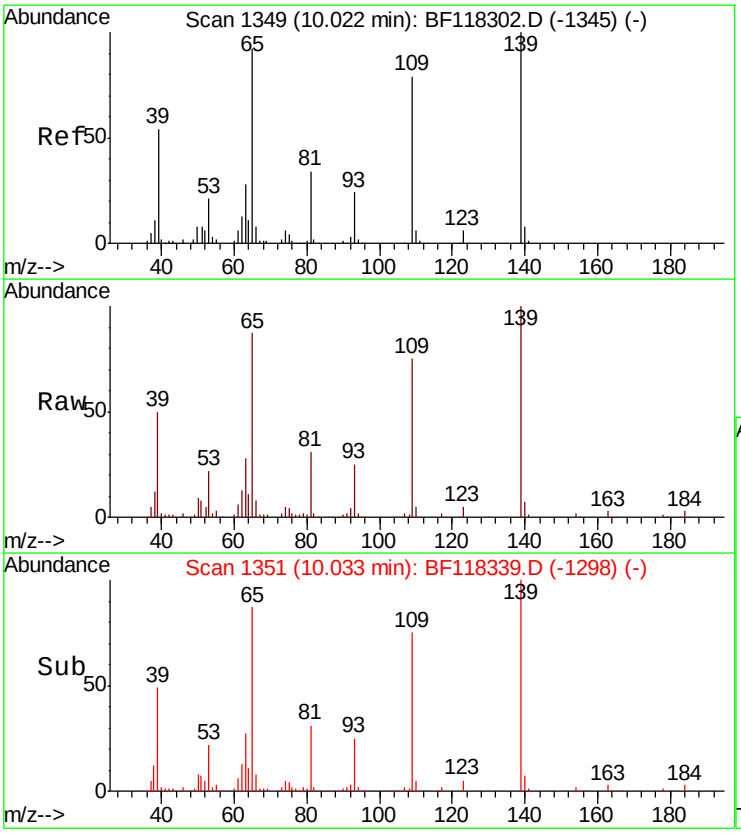
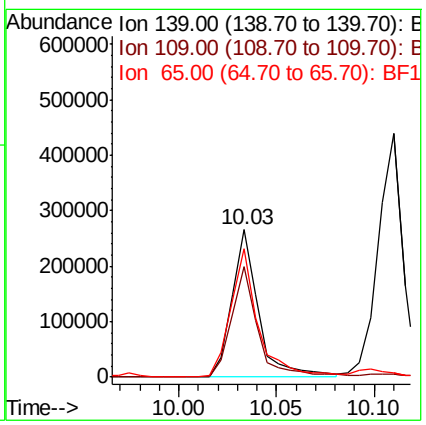
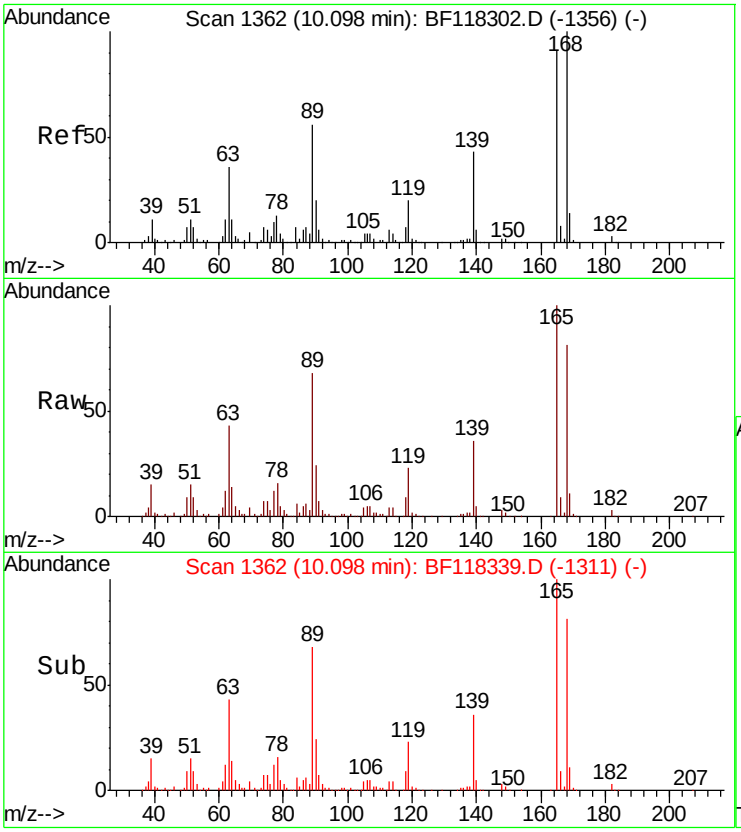


#56
4-Nitrophenol
Concen: 61.615 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:139 Resp: 251221

Ion	Ratio	Lower	Upper
139	100		
109	75.5	59.3	99.3
65	87.0	72.4	112.4

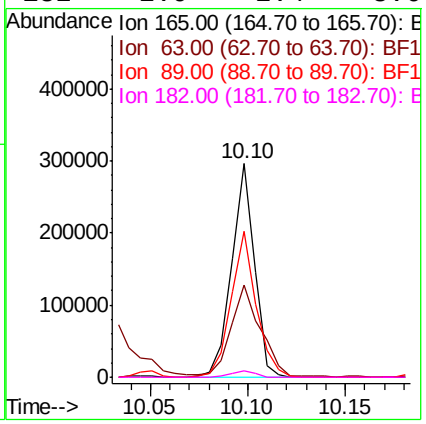




#57
2,4-Dinitrotoluene
Concen: 32.056 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:165 Resp: 241031

Ion	Ratio	Lower	Upper
165	100		
63	43.3	32.0	48.0
89	68.1	49.3	73.9
182	2.9	2.4	3.6



Instrument :
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ClientSampleId :
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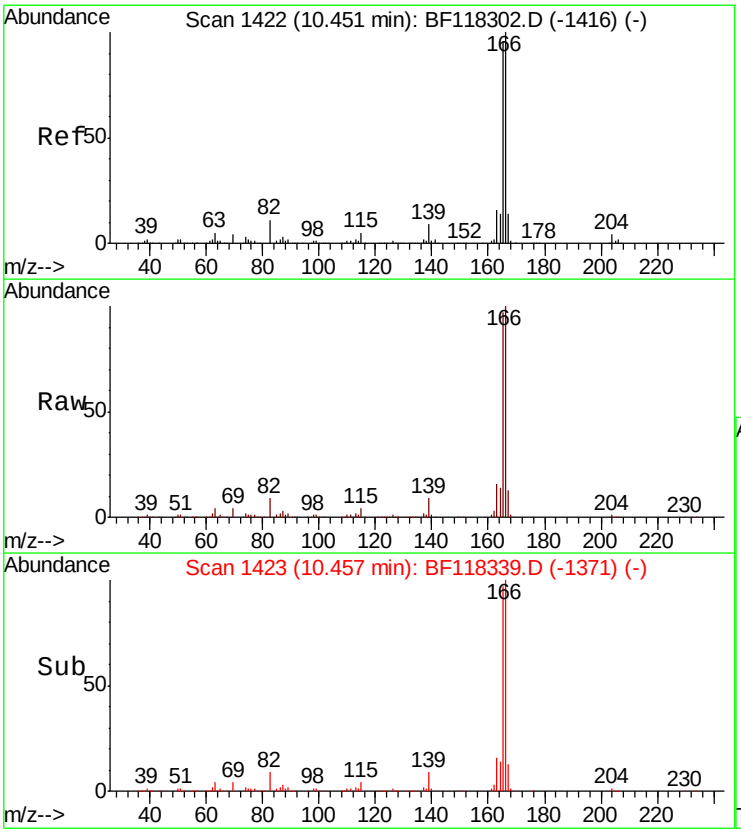
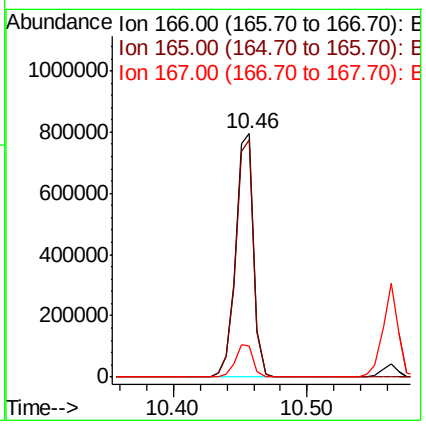
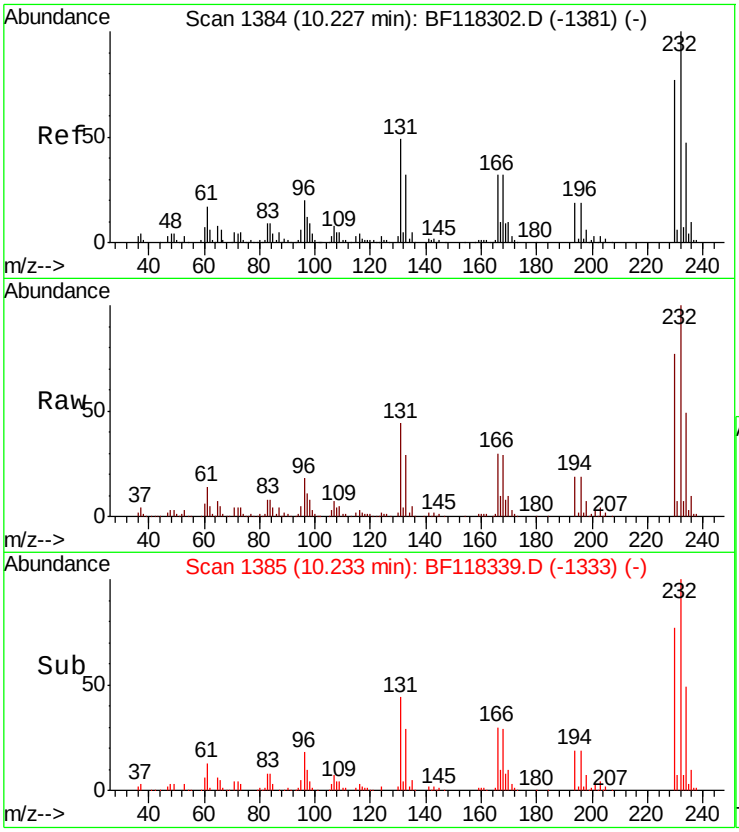


#58
Fluorene
Concen: 31.285 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:166 Resp: 746180

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	12.9	10.9	16.3

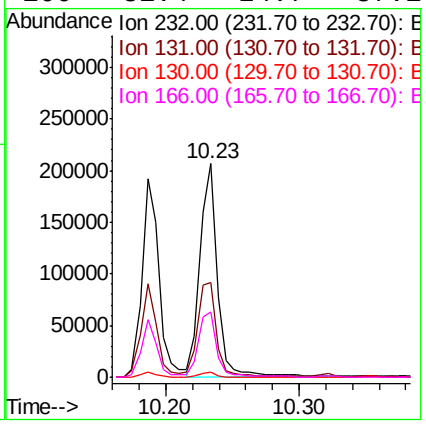




#59
2,3,4,6-Tetrachlorophenol
Concen: 30.315 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:232 Resp: 184936

Ion	Ratio	Lower	Upper
232	100		
131	48.2	37.7	56.5
130	2.3	2.0	3.0
166	31.4	24.7	37.1



Instrument :
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ClientSampleId :
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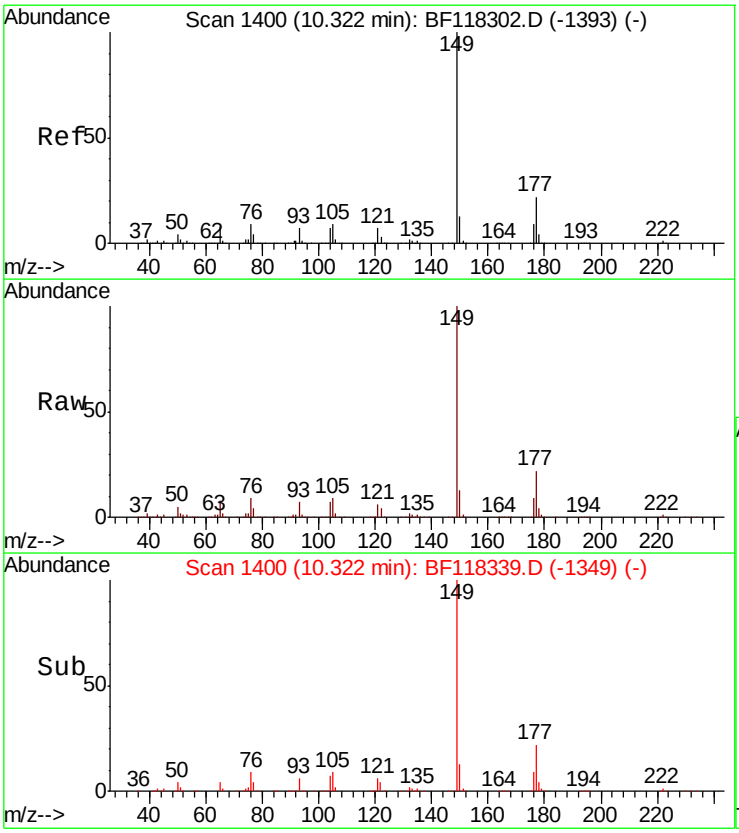
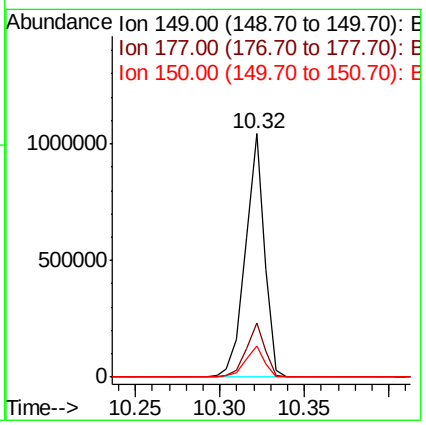
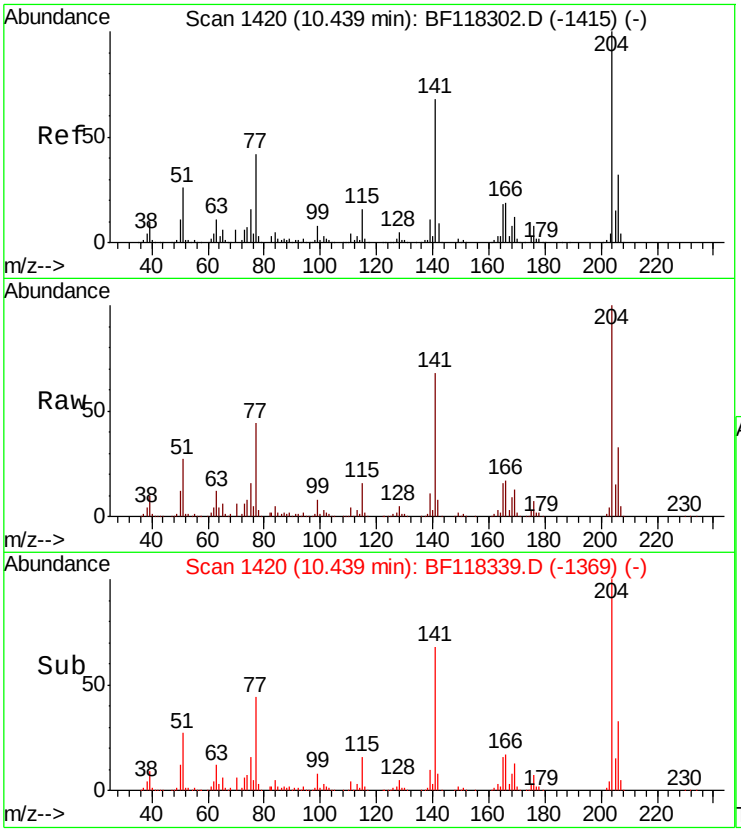


#60
Diethylphthalate
Concen: 32.048 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:149 Resp: 827525

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.7	10.2	15.2

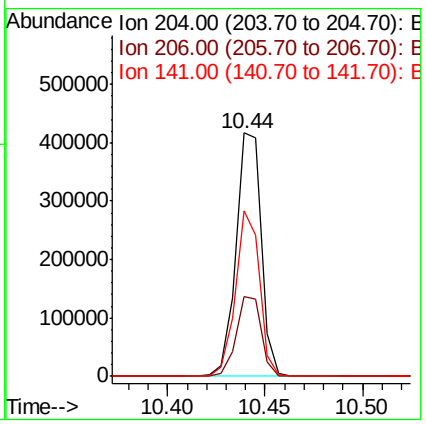




#61
4-Chlorophenyl-phenylether
Concen: 31.369 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:204 Resp: 373490

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	68.2	54.2	81.4



Instrument :
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ClientSampleId :
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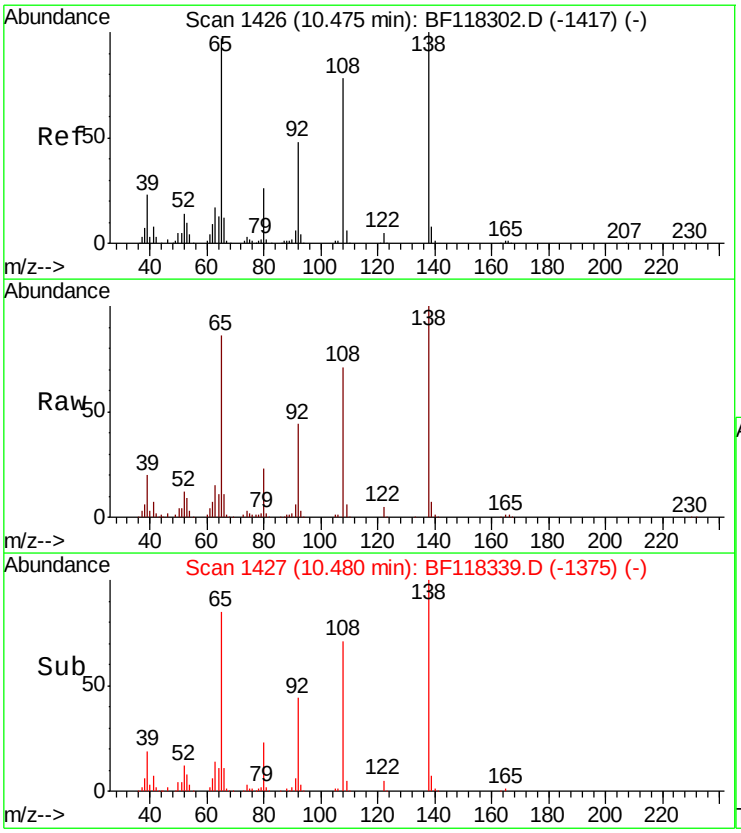
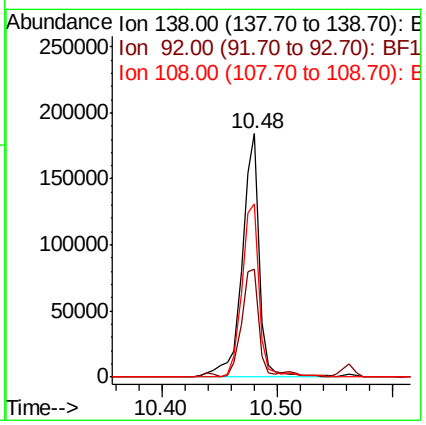
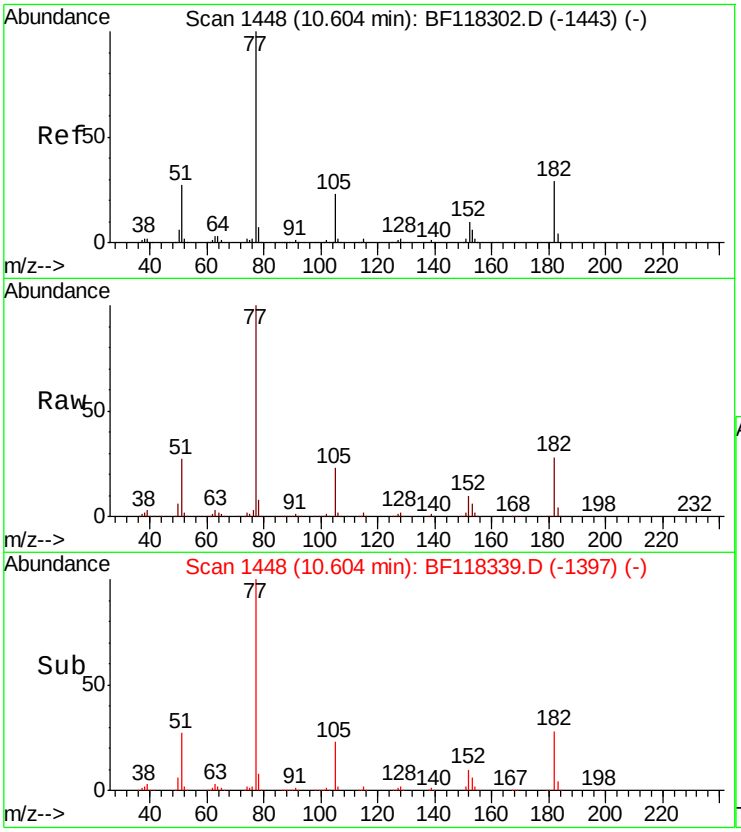


#62
4-Nitroaniline
Concen: 27.645 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:138 Resp: 189675

Ion	Ratio	Lower	Upper
138	100		
92	44.5	27.9	67.9
108	71.2	58.1	98.1

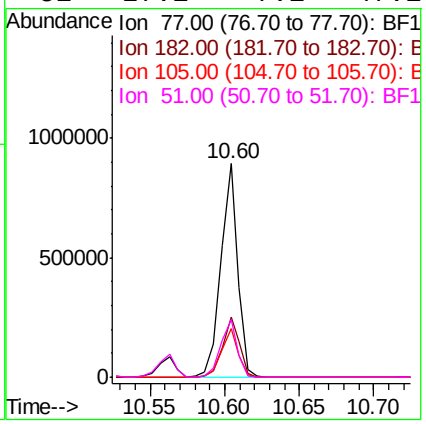




#63
Azobenzene
Concen: 32.295 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion: 77 Resp: 714274

Ion	Ratio	Lower	Upper
77	100		
182	28.1	9.2	49.2
105	23.1	3.2	43.2
51	27.1	7.1	47.1



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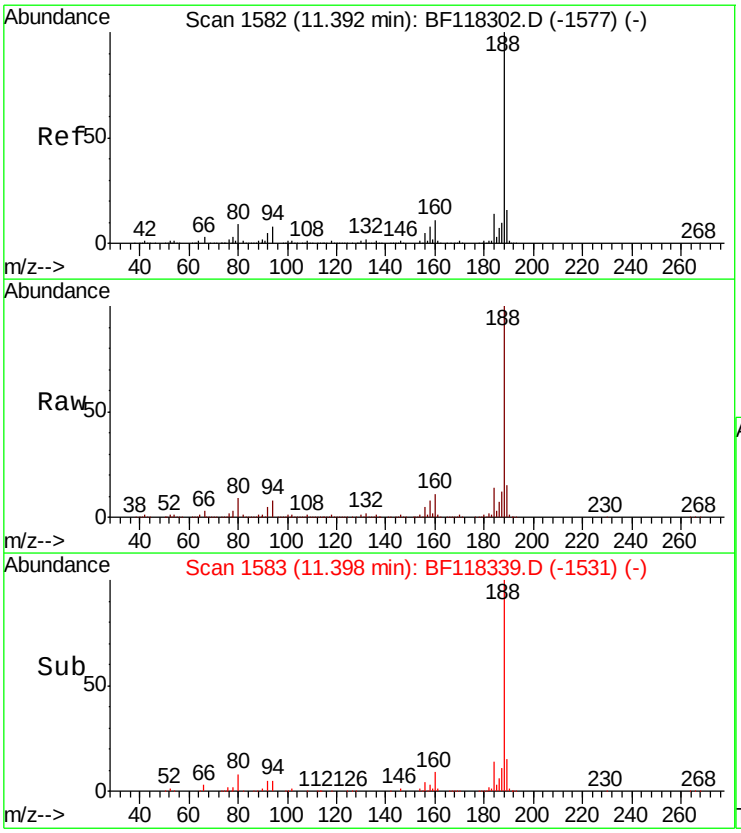
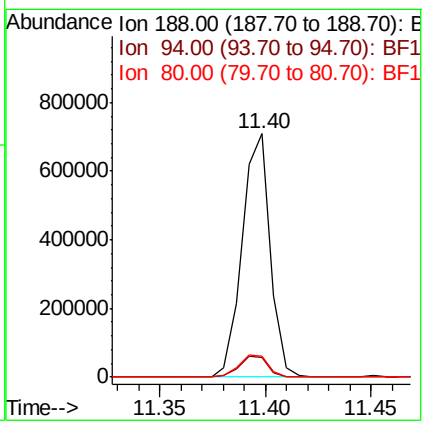
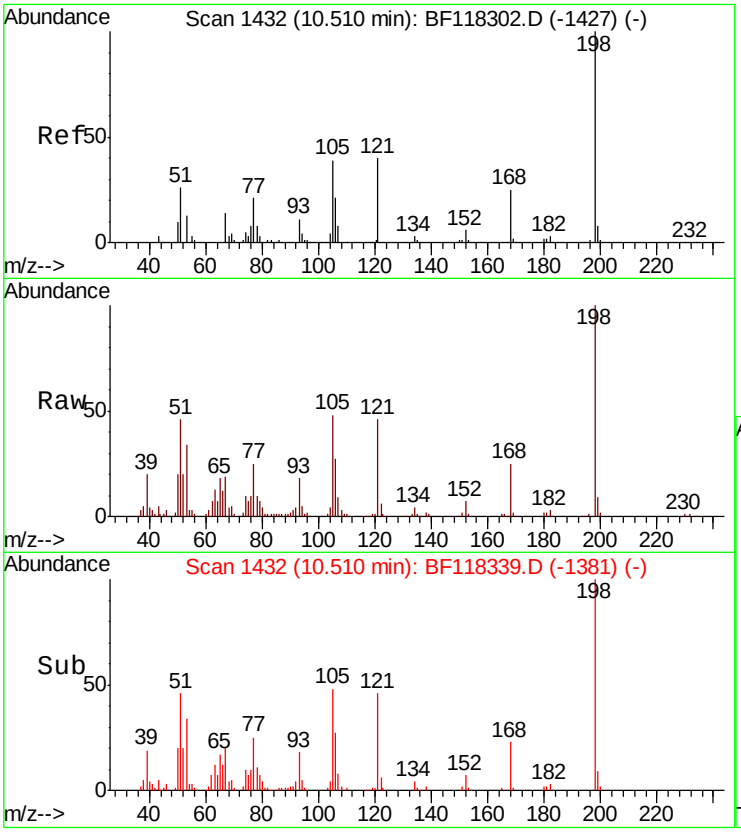


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:188 Resp: 651202

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.6	7.2	10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 31.737 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:198 Resp: 111493

Ion	Ratio	Lower	Upper
198	100		
51	46.3	12.8	52.8
105	48.2	20.3	60.3

Instrument :
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ClientSampleId :
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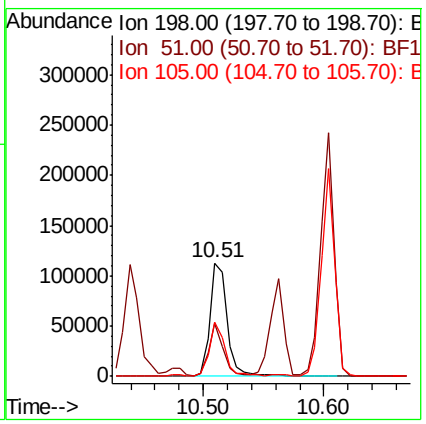
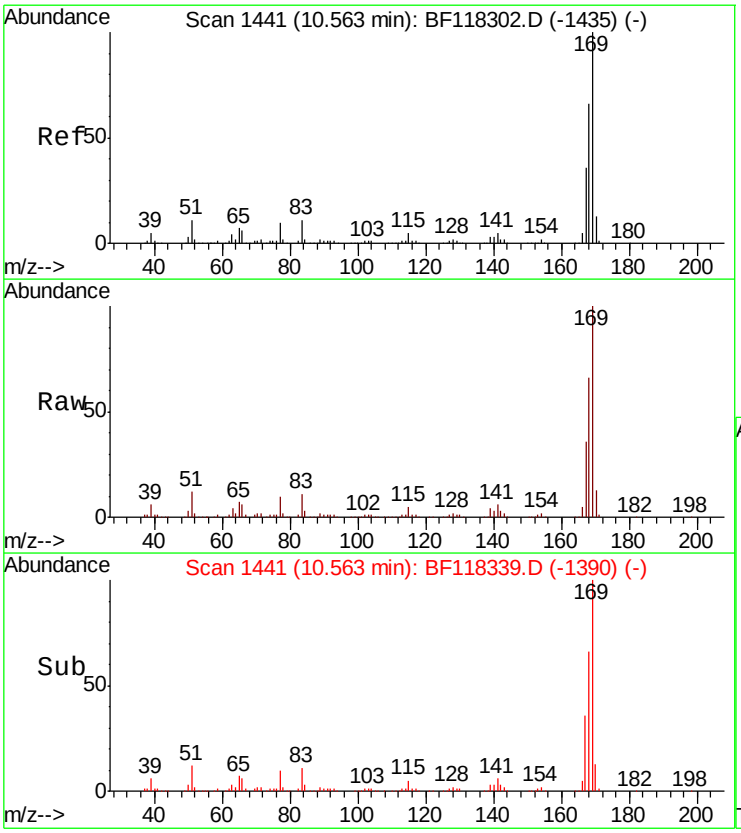
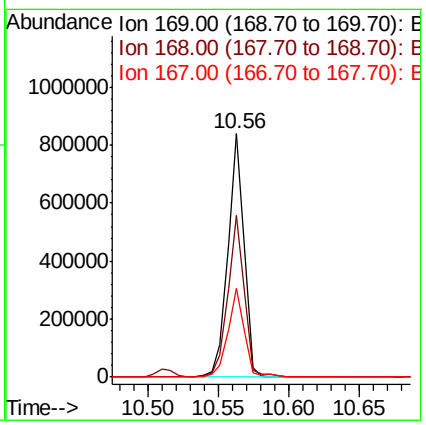


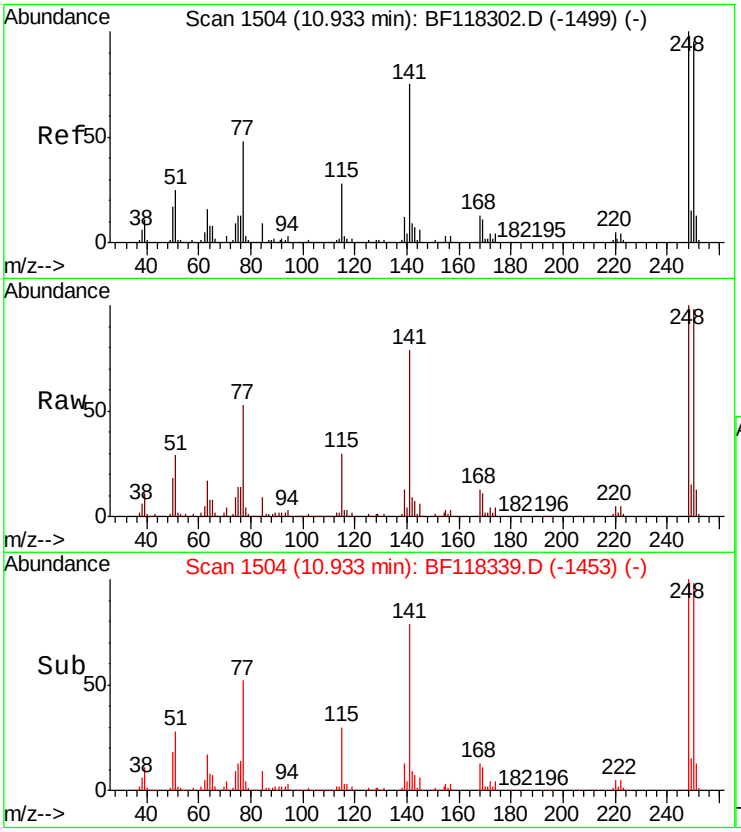


#66
n-Nitrosodiphenylamine
Concen: 31.924 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:169 Resp: 666275

Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.6	79.0
167	36.4	28.4	42.6

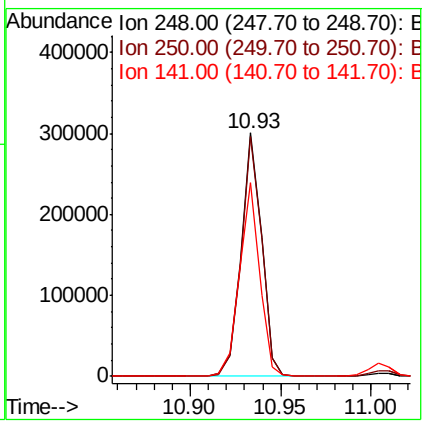




#67
4-Bromophenyl-phenylether
Concen: 31.058 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:248 Resp: 236689

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.4	114.6
141	79.3	60.2	90.2



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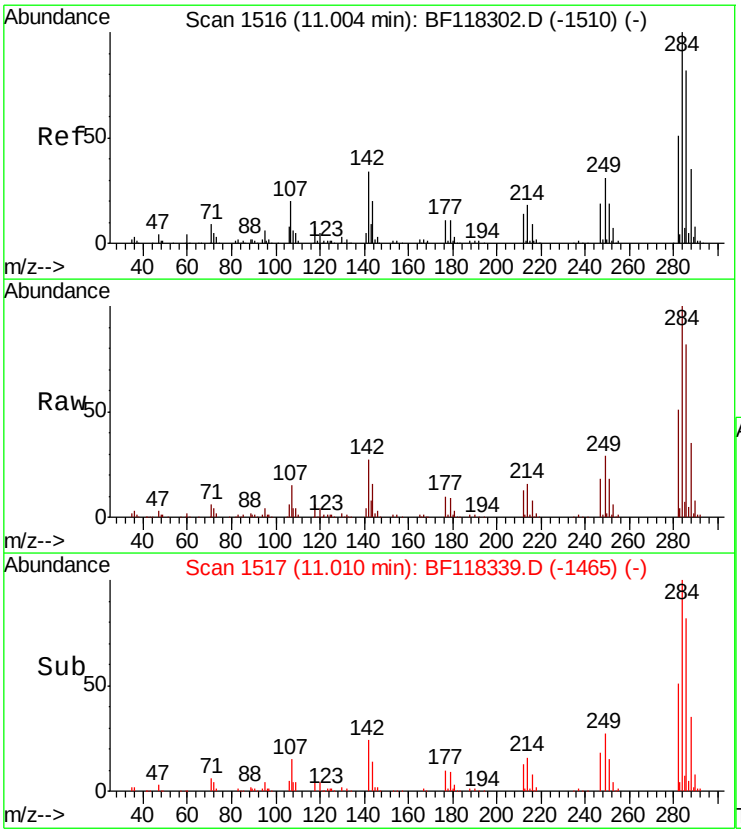
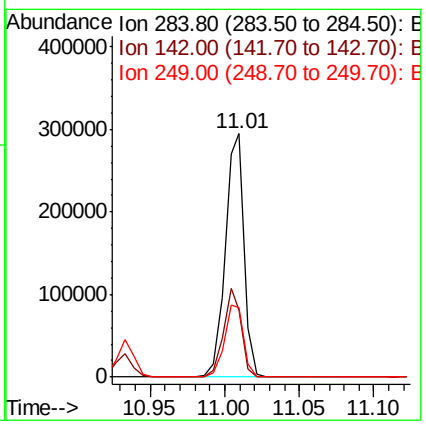
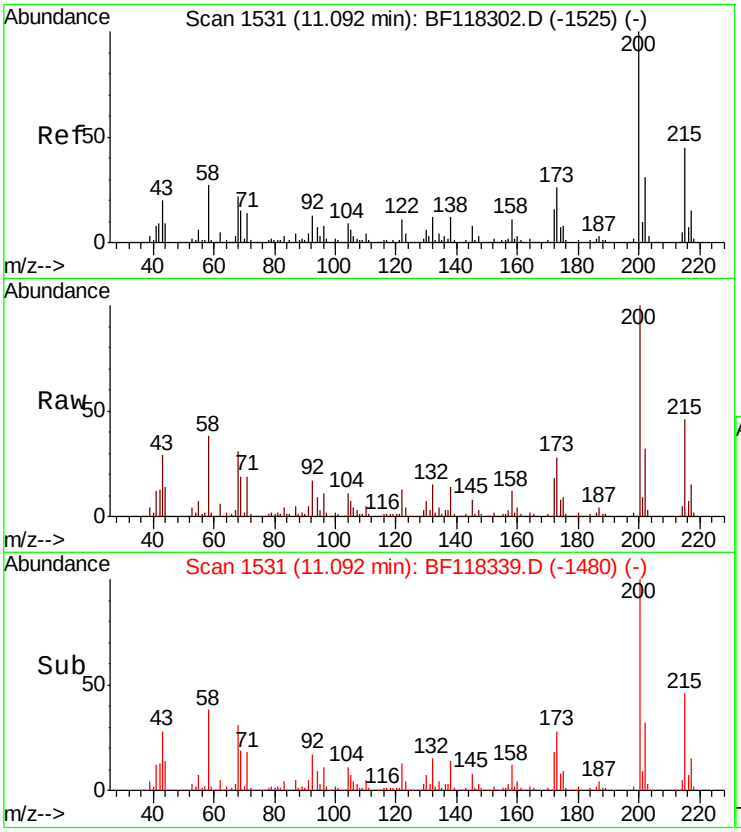


#68
Hexachlorobenzene
Concen: 29.345 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:284 Resp: 263242

Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.3	40.9#
249	28.7	25.0	37.6

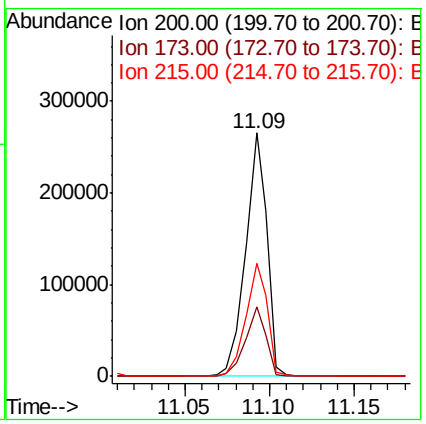




#69
Atrazine
Concen: 36.519 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:200 Resp: 235233

Ion	Ratio	Lower	Upper
200	100		
173	28.3	5.8	45.8
215	46.2	25.1	65.1



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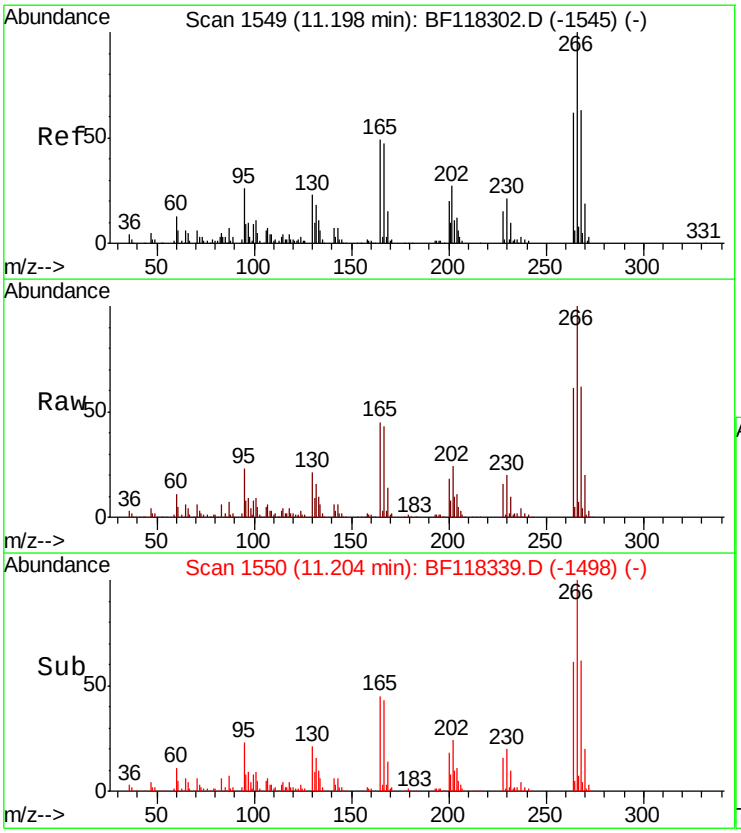
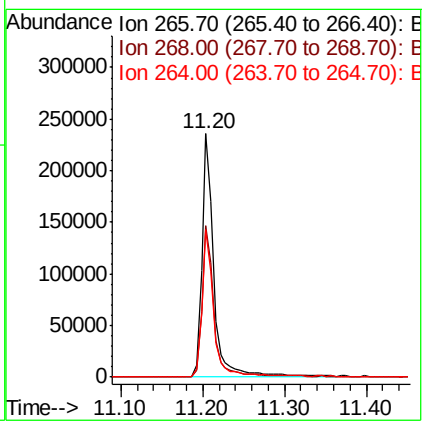
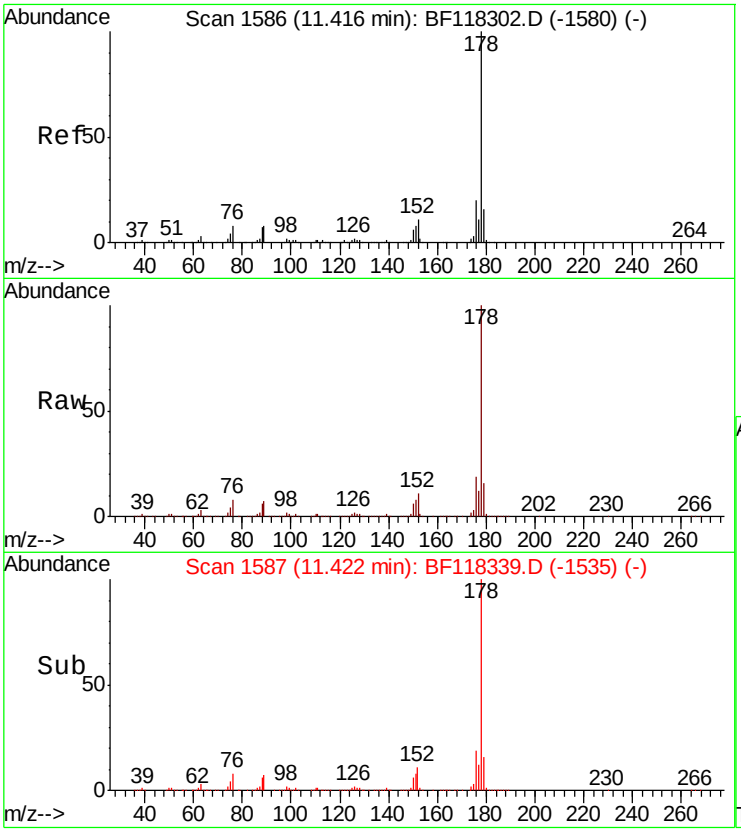


#70
Pentachlorophenol
Concen: 62.148 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:266 Resp: 241443

Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.6	76.0
264	60.9	49.9	74.9

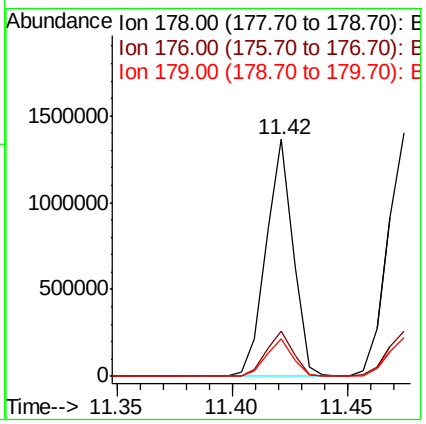




#71
Phenanthrene
Concen: 31.369 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:178 Resp: 1113604

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.8	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
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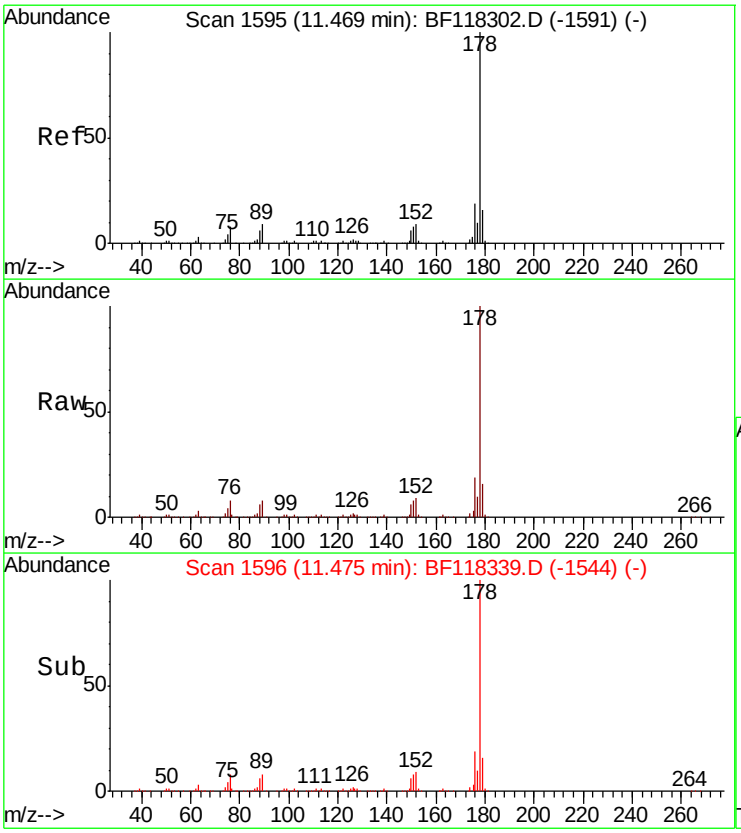
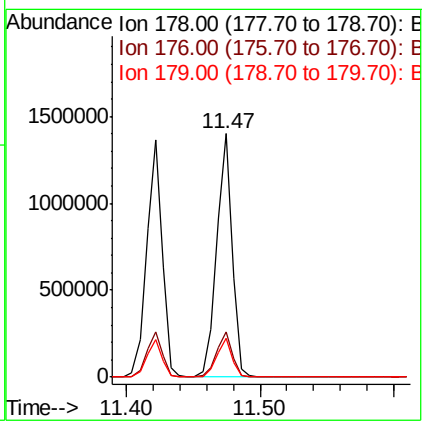
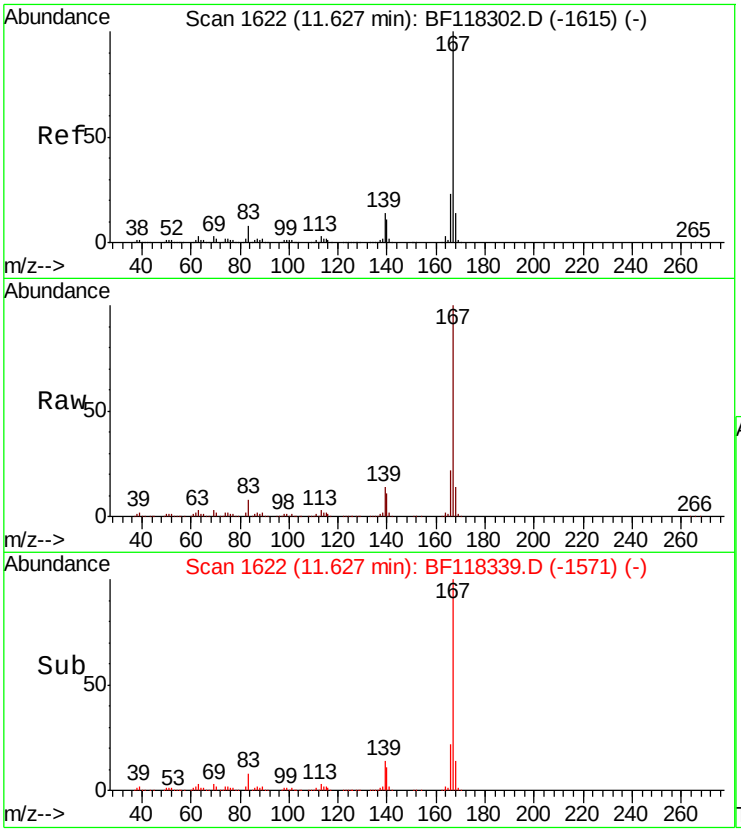


#72
Anthracene
Concen: 32.514 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:178 Resp: 1155339

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.8	12.9	19.3

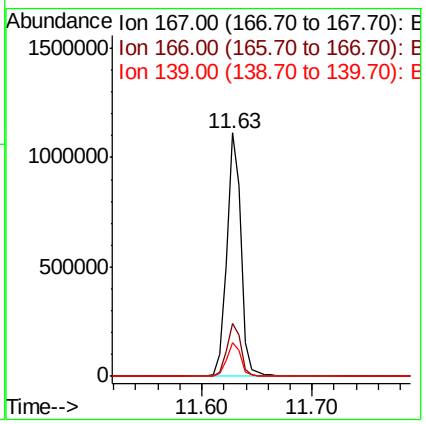




#73
Carbazole
Concen: 31.830 ng
RT: 11.63 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:167 Resp: 1003622

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	14.0	11.5	17.3



Instrument :
BNA_F
ClientSampleId :
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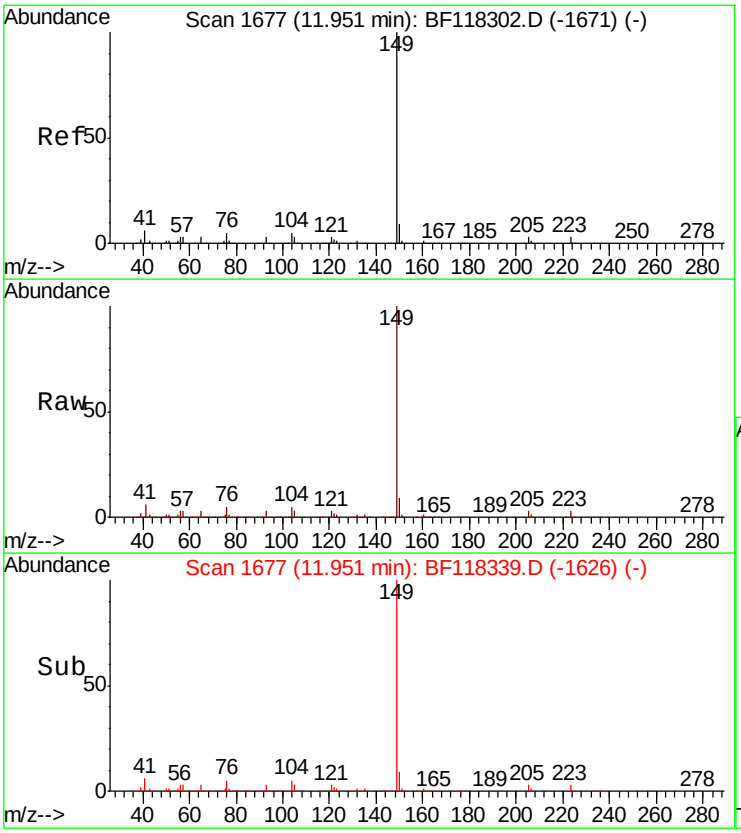
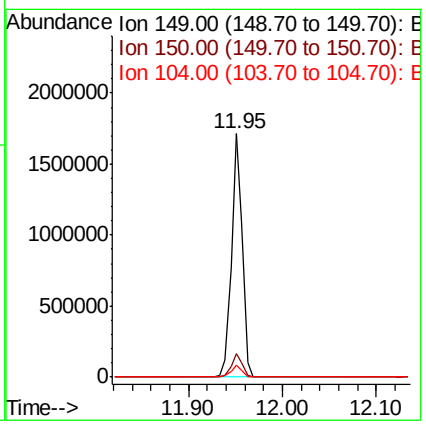
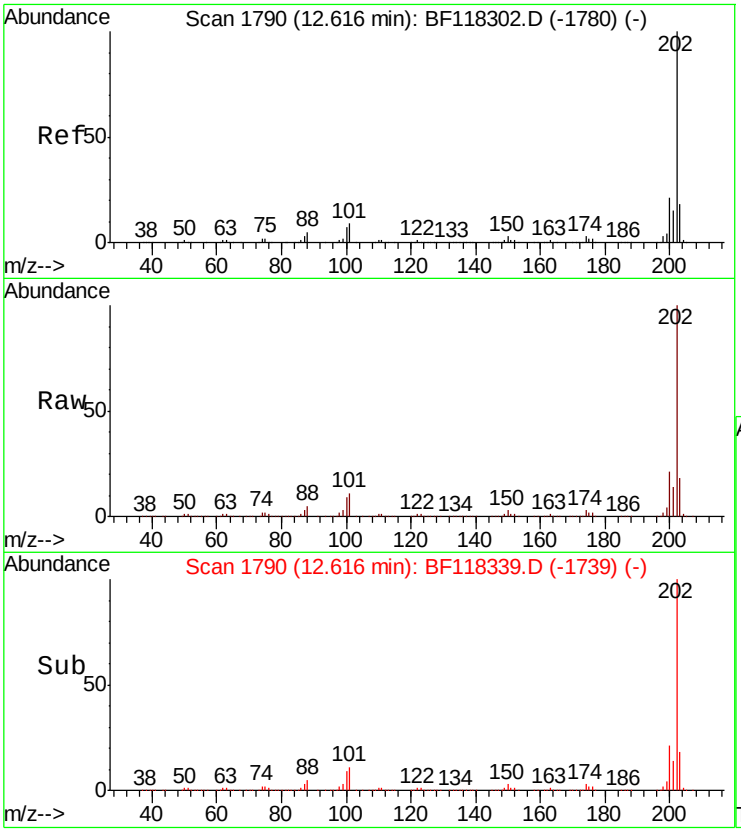


#74
Di-n-butylphthalate
Concen: 33.862 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:149 Resp: 1353770

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	4.0	6.0

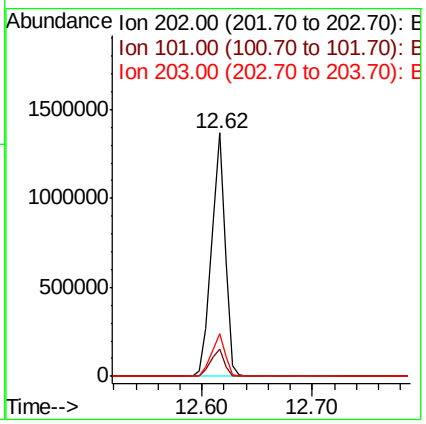




#75
Fluoranthene
Concen: 32.377 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:202 Resp: 1159970

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.5
203	17.7	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
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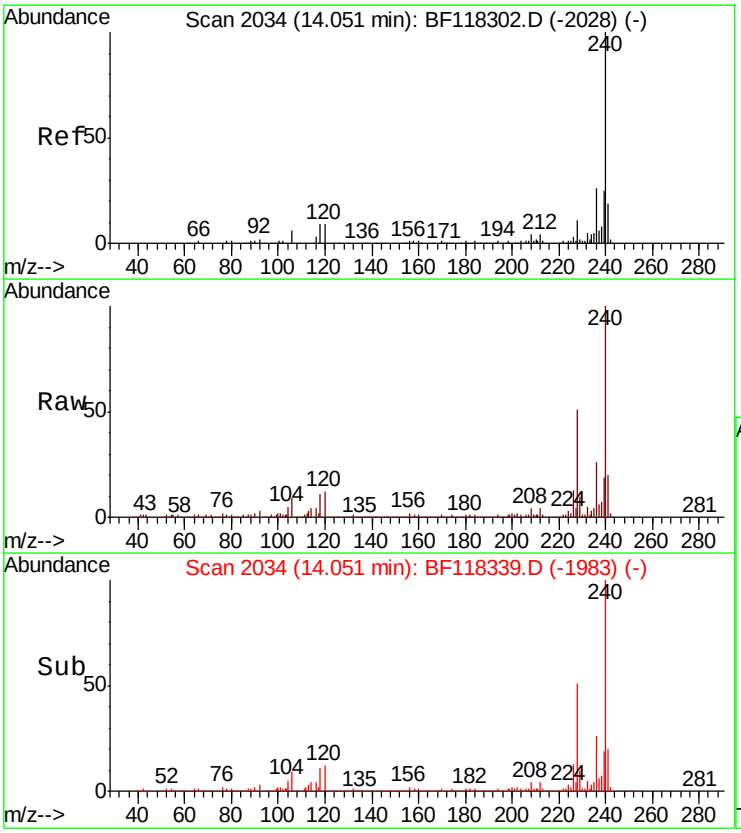
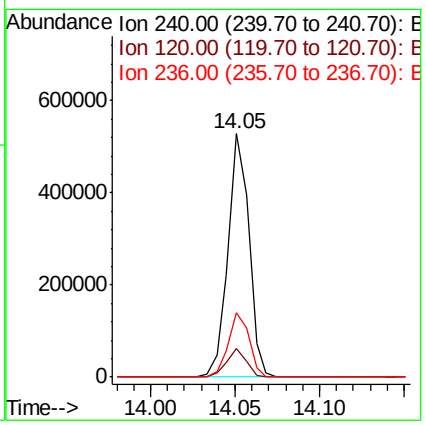
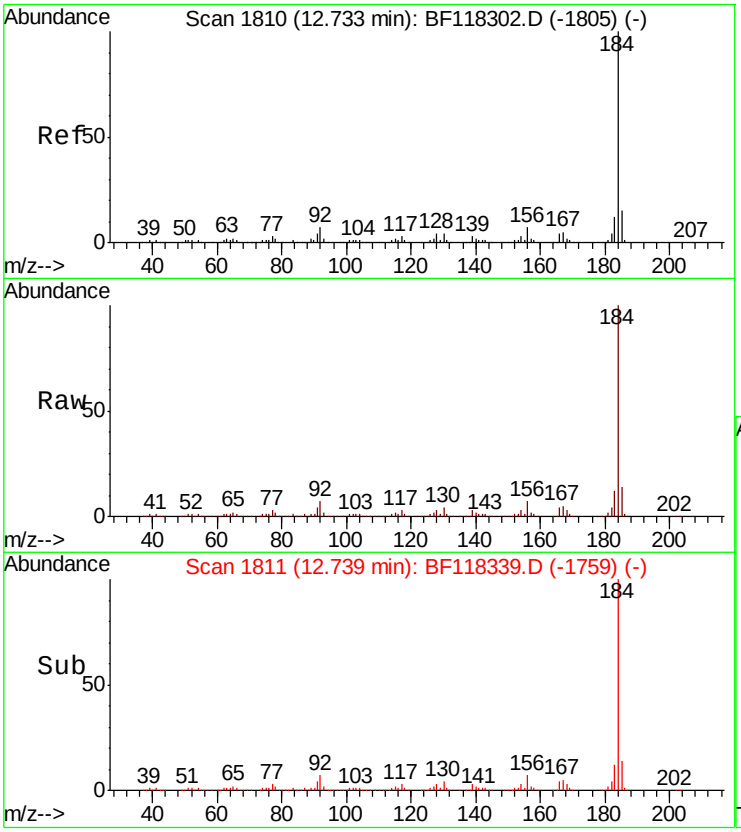


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:240 Resp: 454217

Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.1	10.7#
236	26.3	21.0	31.6

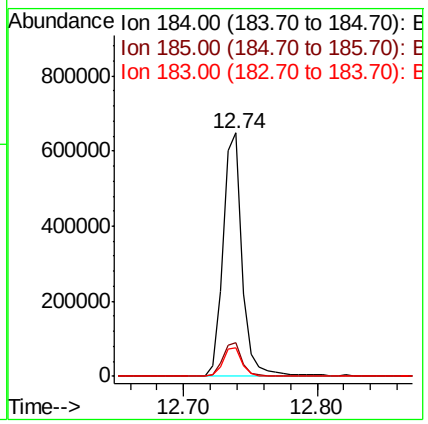




#77
Benzidine
Concen: 52.939 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:184 Resp: 658874

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.3	18.5
183	11.9	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
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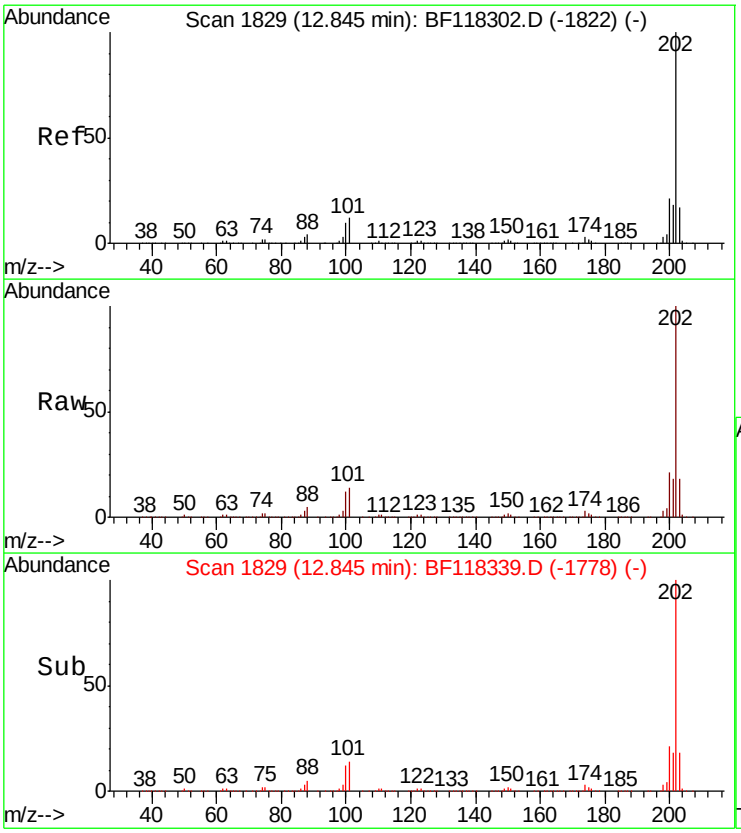
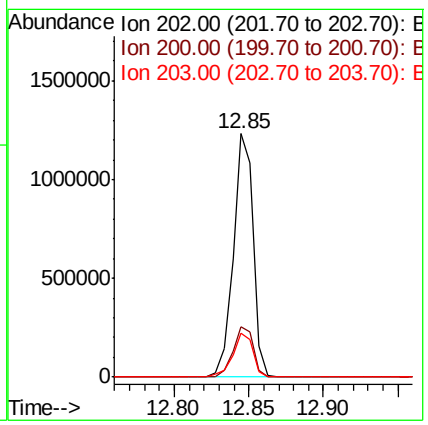
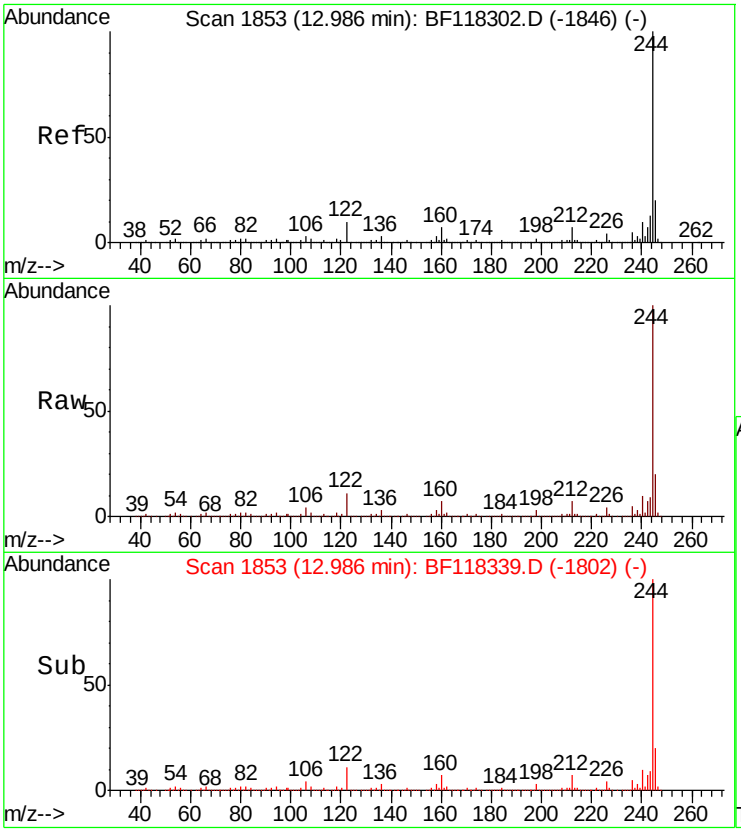


#78
Pyrene
Concen: 31.128 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:202 Resp: 1154589

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.0	13.9	20.9

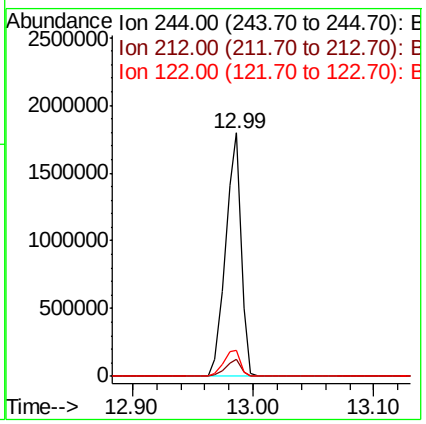




#79
Terphenyl-d14
Concen: 58.202 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:244 Resp: 1593484

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.6	7.8	11.8



Instrument :
BNA_F
ClientSampleId :
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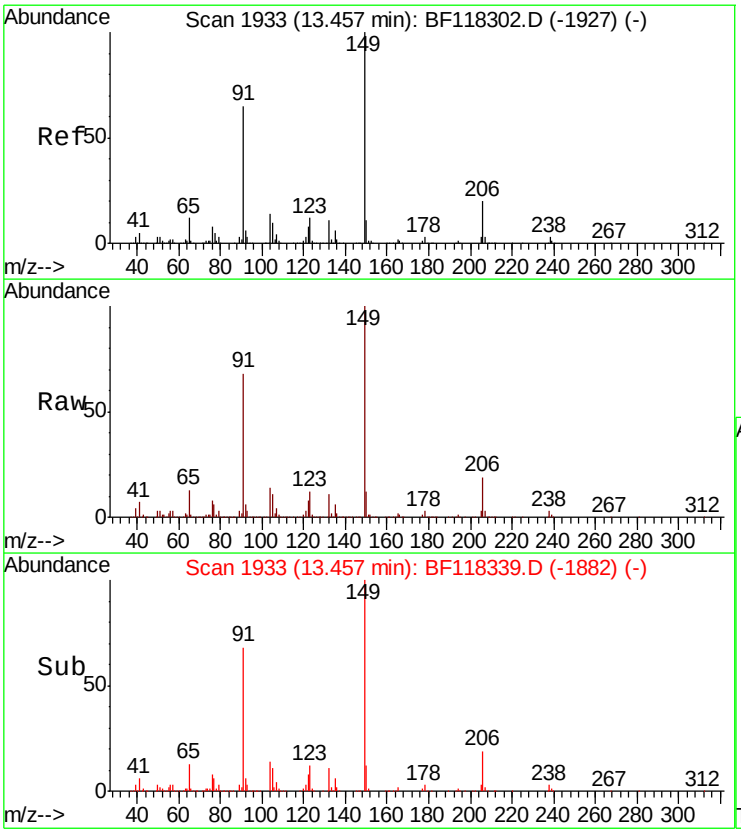
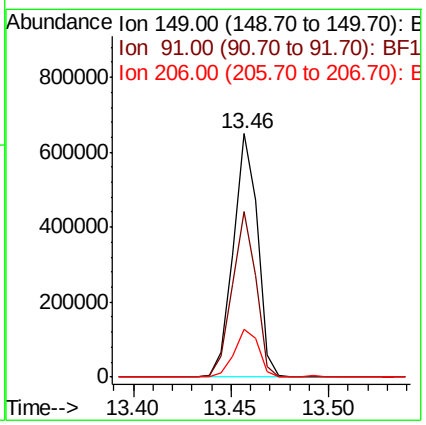
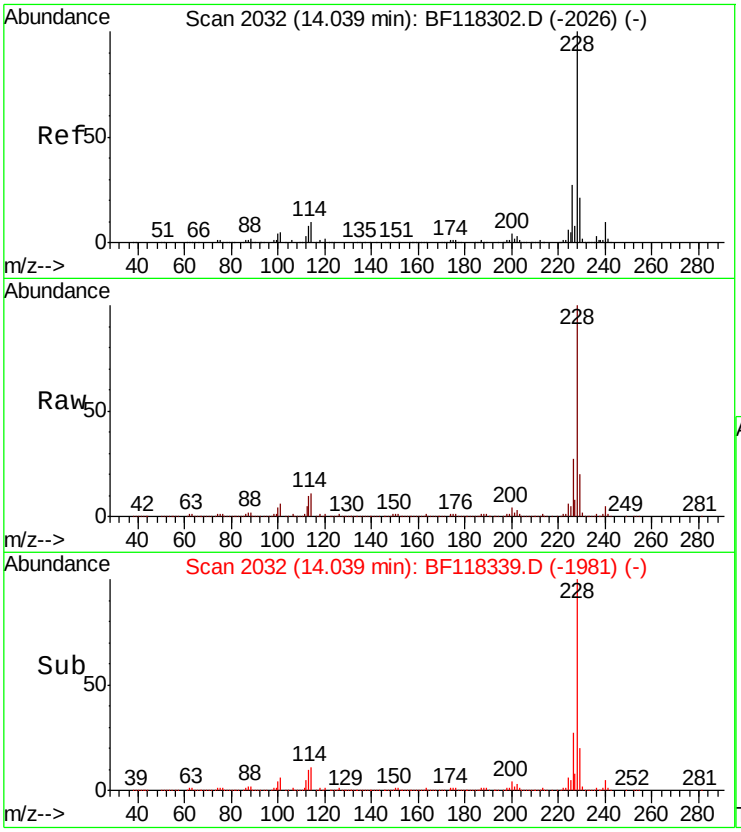


#80
Butylbenzylphthalate
Concen: 33.524 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:149 Resp: 559886

Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.8	77.6
206	19.4	15.7	23.5

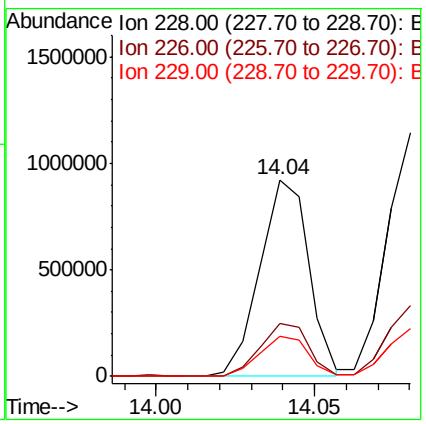




#81
Benzo(a)anthracene
Concen: 31.099 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:228 Resp: 988763

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.0	33.0
229	20.3	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
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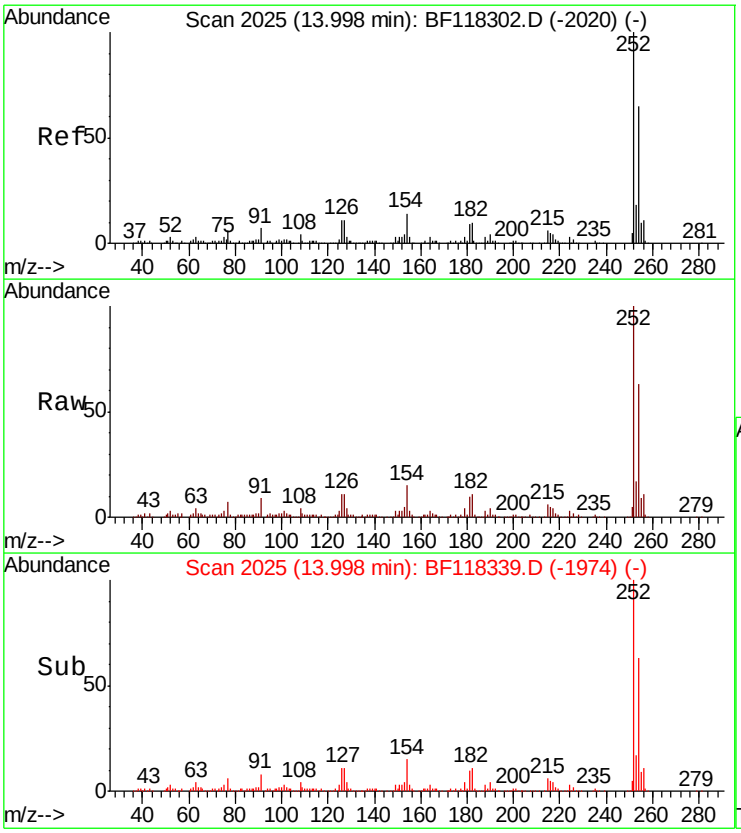
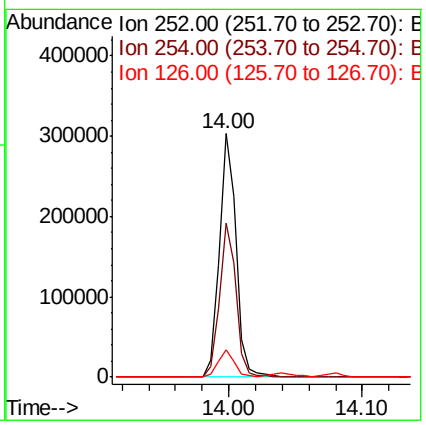
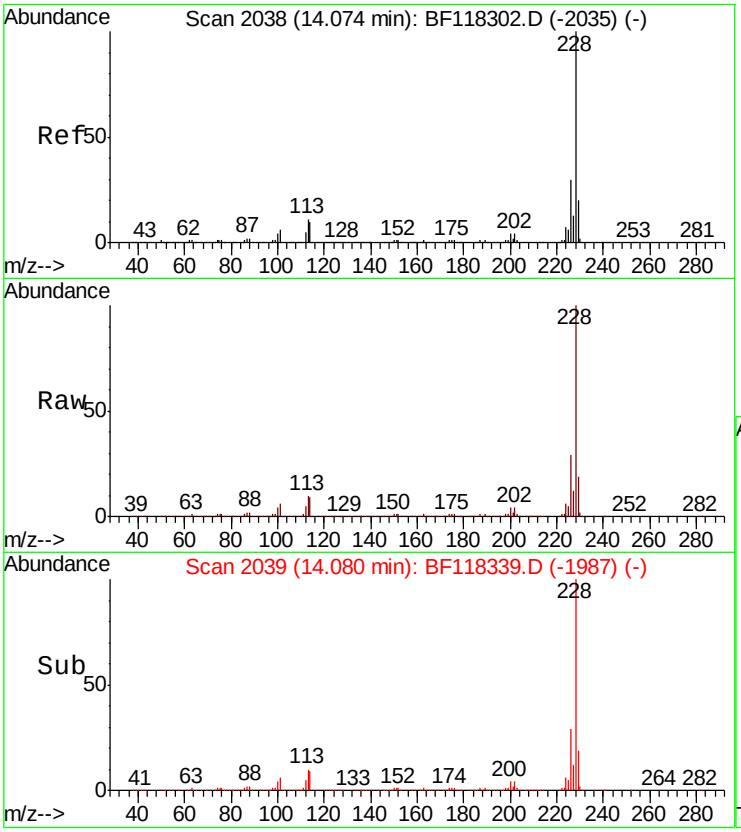


#82
3,3'-Dichlorobenzidine
Concen: 24.913 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 268559

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.8	77.8
126	11.4	8.7	13.1

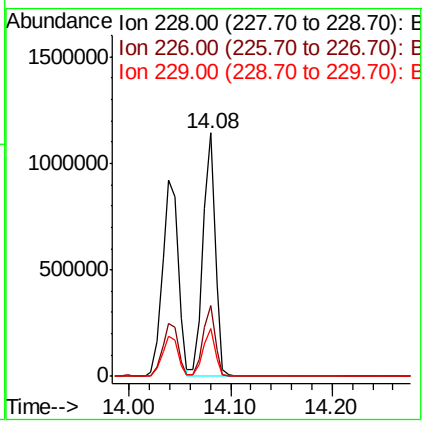




#83
Chrysene
Concen: 31.434 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:228 Resp: 956965

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	19.5	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
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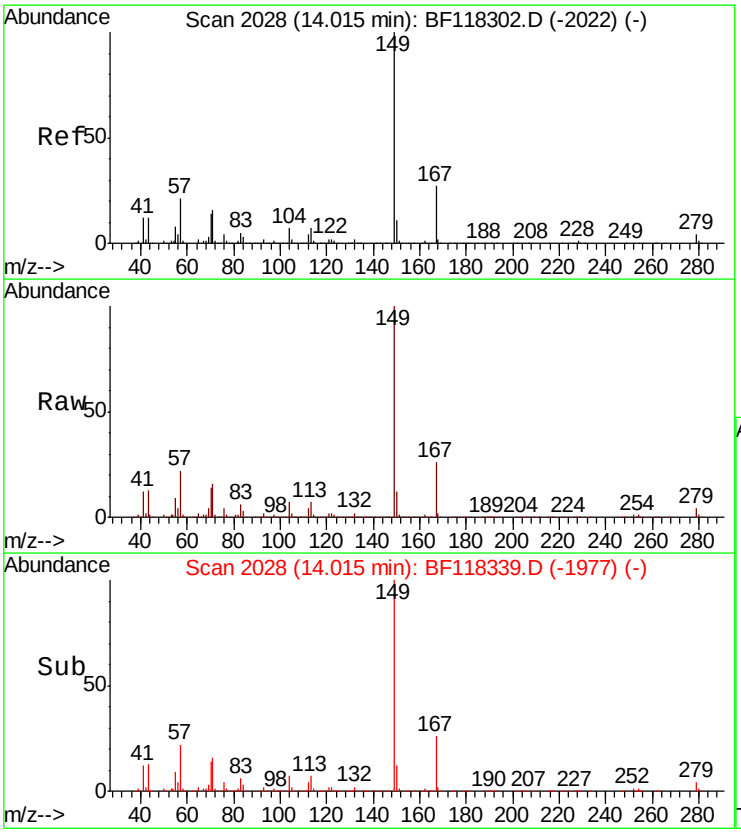
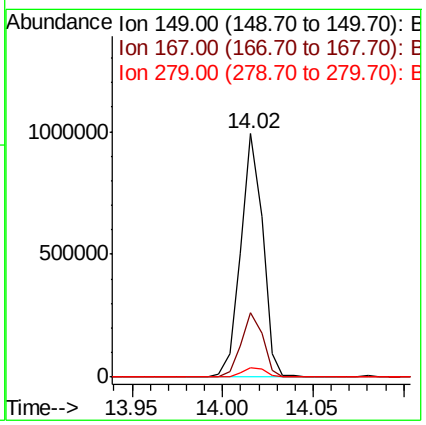
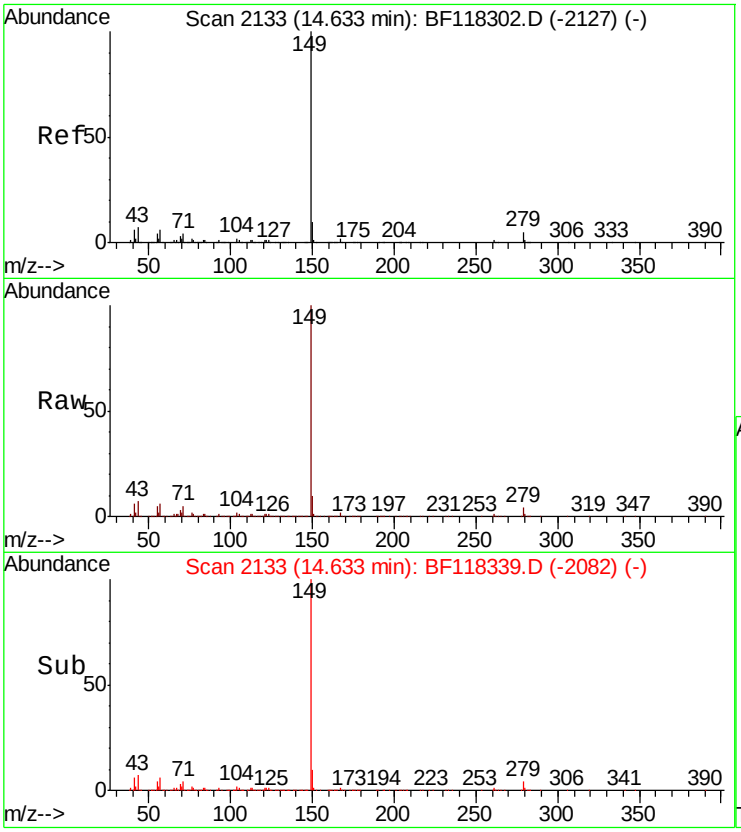


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.058 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:149 Resp: 835775

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.8	3.4	5.2

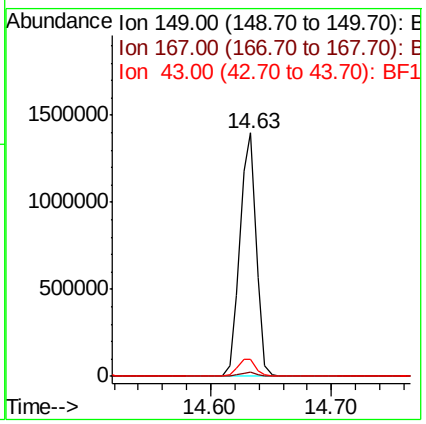




#85
Di-n-octyl phthalate
Concen: 41.011 ng
RT: 14.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:149 Resp: 1324781

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.3	6.1	9.1



Instrument :
BNA_F
ClientSampleId :
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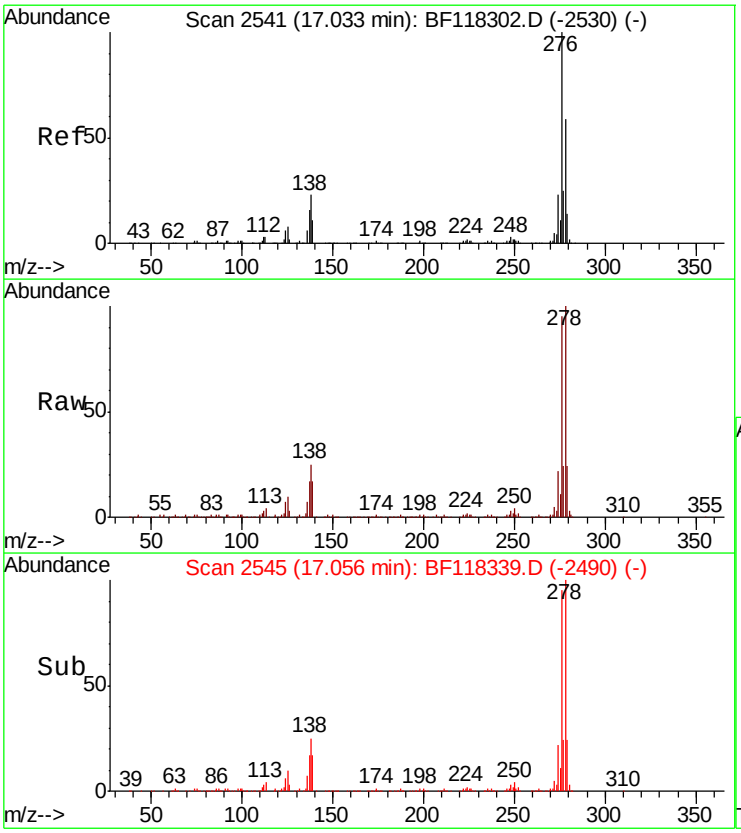
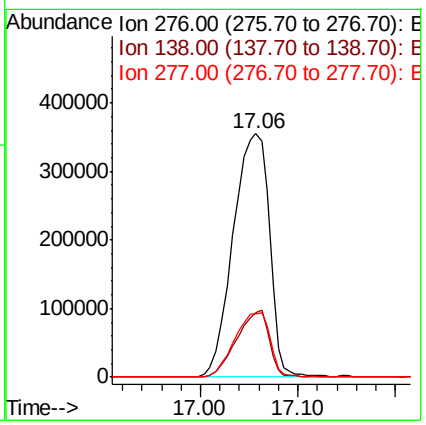
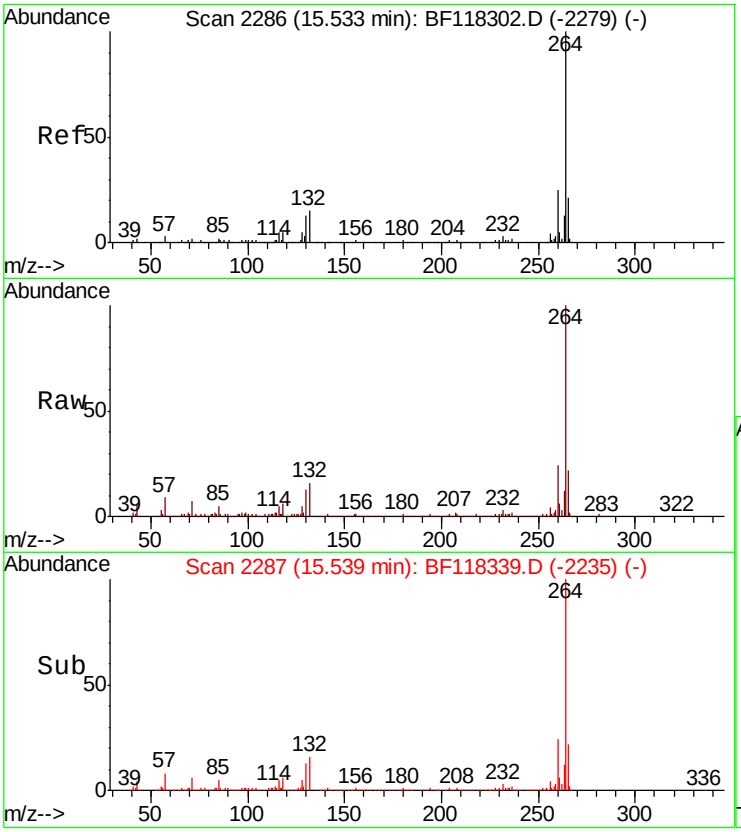


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.454 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:276 Resp: 919652

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	25.9	20.6	30.8

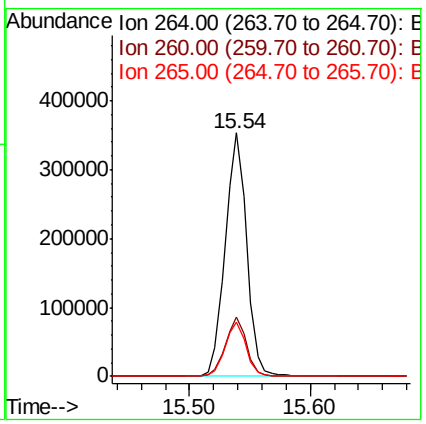




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:264 Resp: 437089

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.1	17.0	25.4



Instrument :
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ClientSampleId :
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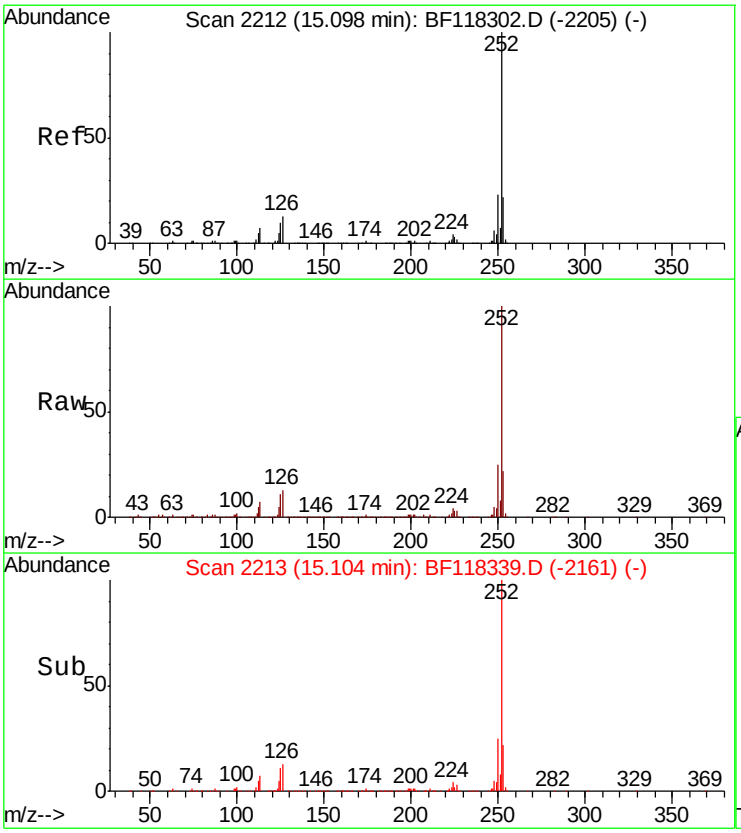
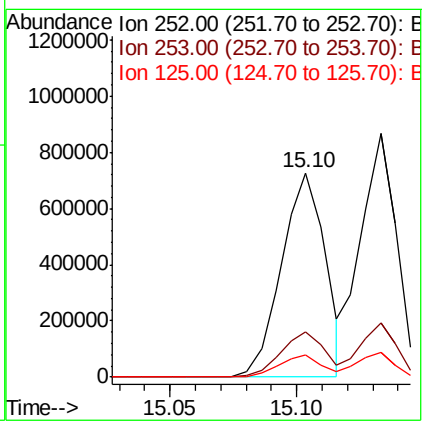
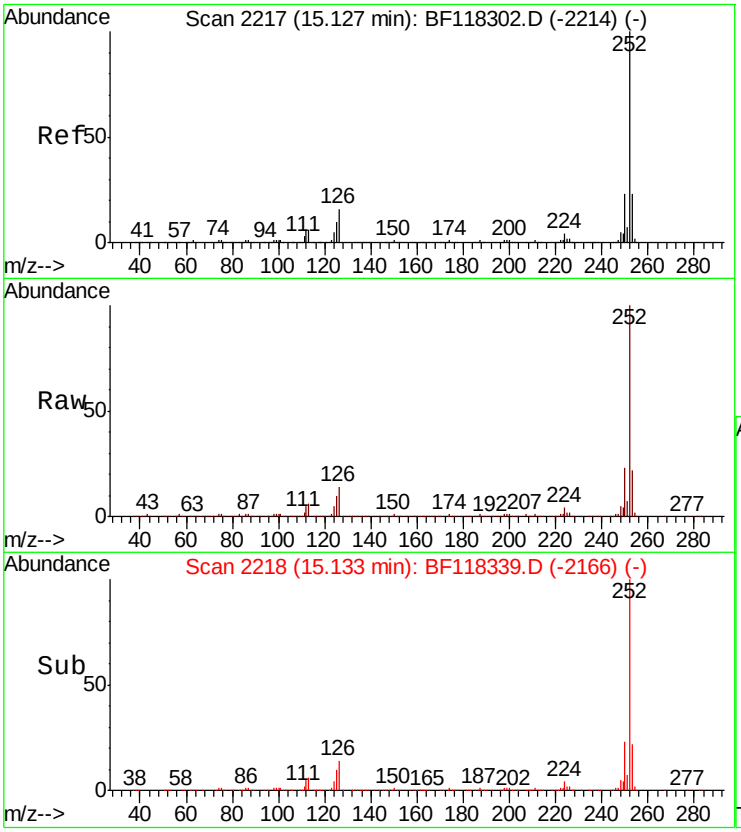


#88
Benzo(b)fluoranthene
Concen: 30.101 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 873356

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.8	7.7	11.5

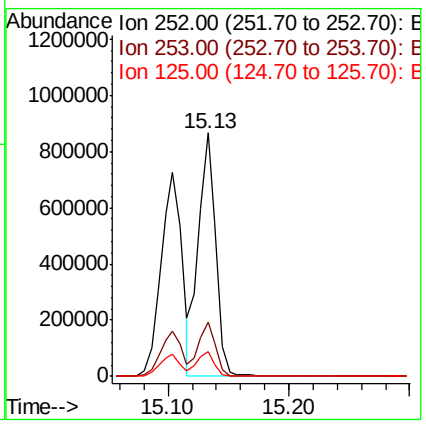




#89
Benzo(k)fluoranthene
Concen: 31.008 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 863837

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.2	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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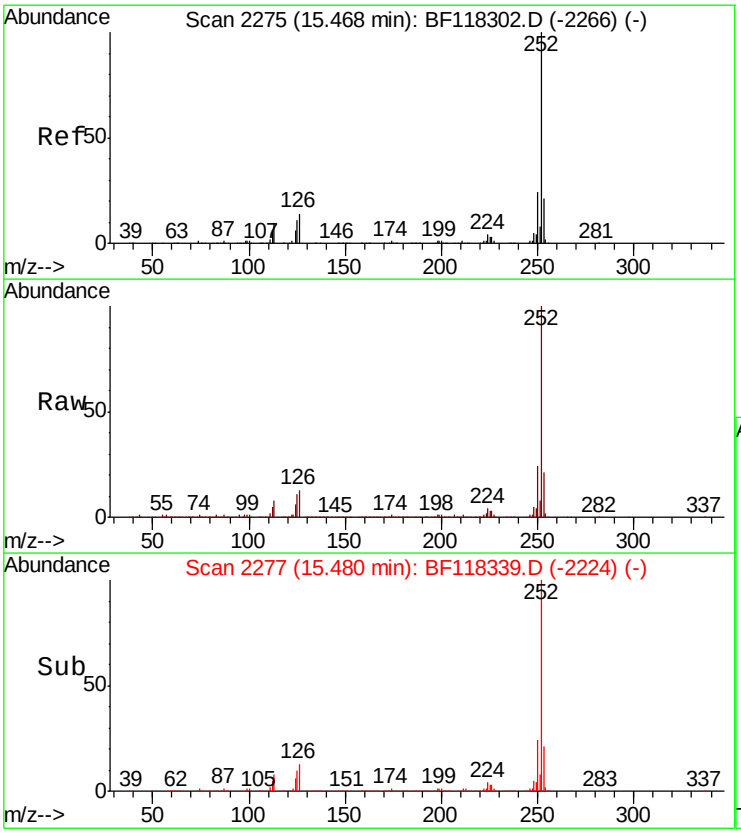
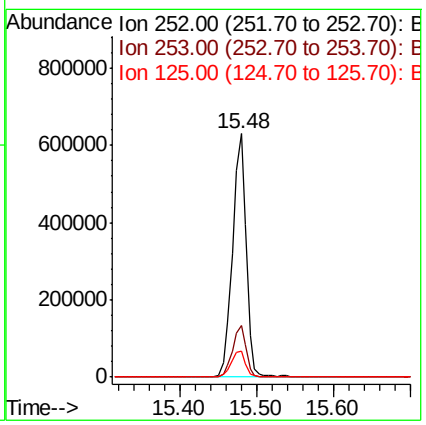
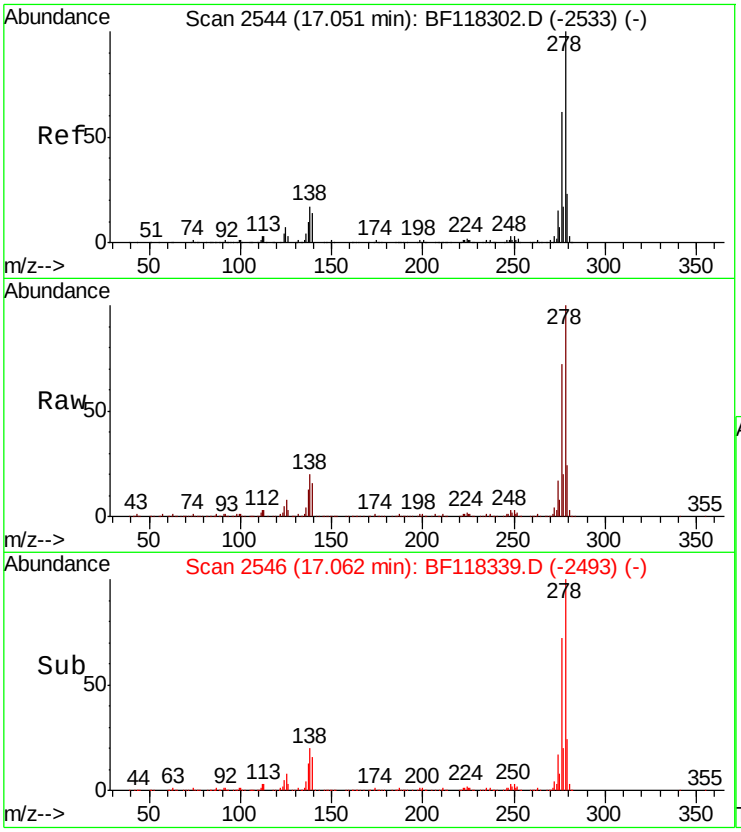


#90
Benzo(a)pyrene
Concen: 30.863 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:252 Resp: 788827

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	10.5	9.0	13.4

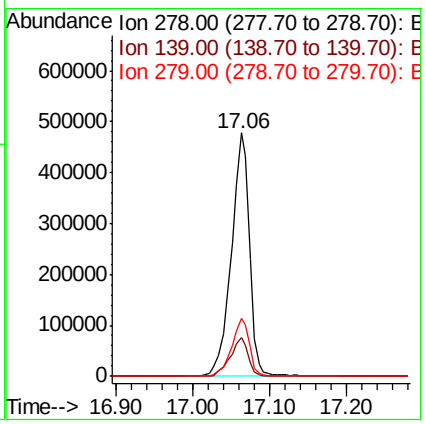




#91
Dibenzo(a,h)anthracene
Concen: 35.555 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

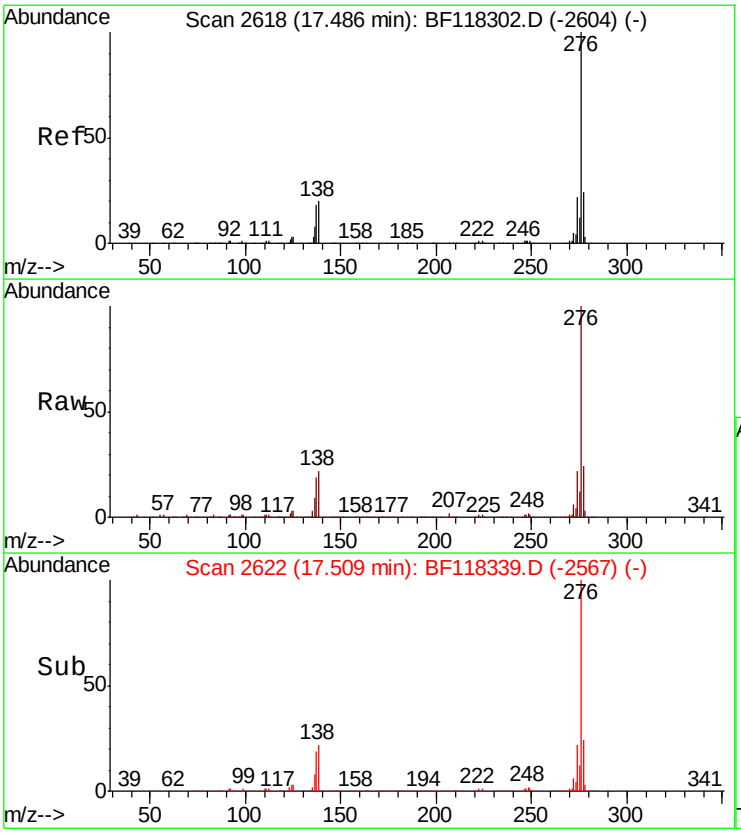
Tgt Ion:278 Resp: 788602

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	23.7	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
LIED-BF001-01MS

Manual Integrations APPROVED
mohammad
12/29/2019 5:27:38 PM



#92
Benzo(g,h,i)perylene
Concen: 35.393 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.02 min
Lab File: BF118339.D
Acq: 27 Dec 2019 15:49

Tgt Ion:276 Resp: 758305

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	22.1	16.1	24.1