Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011020\

Quantitation Report (Not Reviewed)

Data File : BF118515.D
Acq On : 10 Jan 2020 15:06
Operator : JU
Sample : PB126016BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126016BS

Quant Time: Jan 11 02:52:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87358	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	283207	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	169755	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	307703	20.00	ng		0.00
76) Chrysene-d12	14.03	240	194003	20.00	ng		0.00
87) Perylene-d12	15.52	264	105099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	604034	114.14	ng		0.01
7) Phenol-d6	6.47	99	730789	115.50	ng		0.00
23) Nitrobenzene-d5	7.40	82	498855	92.53	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	241191	120.41	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1021248	86.28	ng		0.00
79) Terphenyl-d14	12.97	244	1199527	97.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	65428	37.085	ng		99
3) Pyridine	3.40	79	149446	31.468	ng		96
4) n-Nitrosodimethylamine	3.35	42	89098	37.439	ng		93
6) Aniline	6.49	93	246359	31.317	ng	#	51
8) 2-Chlorophenol	6.62	128	240695	41.599	ng		98
9) Benzaldehyde	6.38	77	123534	35.072	ng		98
10) Phenol	6.49	94	290071	41.375	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	208092	41.633	ng		97
12) 1,3-Dichlorobenzene	6.77	146	267418	39.536	ng		96
13) 1,4-Dichlorobenzene	6.85	146	281784	40.830	ng		98
14) 1,2-Dichlorobenzene	7.00	146	271050	40.642	ng		98
15) Benzyl Alcohol	6.98	79	218173	42.511	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	218796	39.461	ng		75
17) 2-Methylphenol	7.09	107	202658	42.619	ng		98
18) Hexachloroethane	7.34	117	103008	39.391	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	164455	40.357	ng		99
20) 3+4-Methylphenols	7.25	107	264156	40.953	ng	#	75
22) Acetophenone	7.25	105	341277	47.540	ng		99
24) Nitrobenzene	7.42	77	259478	48.404	ng		98
25) Isophorone	7.66	82	425215	49.233	ng		99
26) 2-Nitrophenol	7.74	139	132991	50.246	ng		93
27) 2,4-Dimethylphenol	7.77	122	211921	59.538	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	288720	50.847	ng		99
29) 2,4-Dichlorophenol	7.99	162	224927	54.121	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	253289	52.473	ng		99
31) Naphthalene	8.14	128	601224	40.585	ng		99
32) Benzoic acid	7.93	122	131380	52.841	ng		98
33) 4-Chloroaniline	8.19	127	129706	21.268	ng		97
34) Hexachlorobutadiene	8.25	225	116740	39.400	ng		97
35) Caprolactam	8.57	113	40593	32.425	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	218917	48.997	ng		96
37) 2-Methylnaphthalene	8.83	142	542103	53.319	ng		98
38) 1-Methylnaphthalene	8.93	142	504523	52.853	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	194027	37.200	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011020\

Quantitation Report (Not Reviewed)

Data File : BF118515.D
Acq On : 10 Jan 2020 15:06
Operator : JU
Sample : PB126016BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126016BS

Quant Time: Jan 11 02:52:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	92997	67.794	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	148484	46.069	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	149147	44.718	ng		93
46) 1,1'-Biphenyl	9.30	154	611579	44.093	ng		98
47) 2-Chloronaphthalene	9.33	162	489347	44.575	ng		97
48) 2-Nitroaniline	9.43	65	137379	43.305	ng		95
49) Acenaphthylene	9.75	152	632753	38.721	ng		100
50) Dimethylphthalate	9.60	163	589167	45.220	ng		100
51) 2,6-Dinitrotoluene	9.67	165	125804	44.838	ng	#	85
52) Acenaphthene	9.92	154	382737	38.354	ng		98
53) 3-Nitroaniline	9.85	138	79654	24.236	ng		94
54) 2,4-Dinitrophenol	9.96	184	83820	69.193	ng		100
55) Dibenzofuran	10.09	168	593737	39.614	ng		100
56) 4-Nitrophenol	10.03	139	125869	78.875	ng		98
57) 2,4-Dinitrotoluene	10.09	165	145698	38.782	ng		95
58) Fluorene	10.43	166	544116	45.165	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	117832	41.776	ng		98
60) Diethylphthalate	10.30	149	563473	42.484	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	272031	45.192	ng		96
62) 4-Nitroaniline	10.47	138	112908	35.085	ng		96
63) Azobenzene	10.59	77	509625	45.216	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	80063	49.220	ng		86
66) n-Nitrosodiphenylamine	10.55	169	484473	48.348	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	146614	40.680	ng		94
68) Hexachlorobenzene	10.99	284	174772	40.608	ng	#	93
69) Atrazine	11.07	200	156804	52.663	ng		99
70) Pentachlorophenol	11.19	266	131229	92.424	ng		96
71) Phenanthrene	11.40	178	663407	38.487	ng		100
72) Anthracene	11.46	178	697141	40.654	ng		99
73) Carbazole	11.61	167	622279	41.891	ng		99
74) Di-n-butylphthalate	11.93	149	931550	47.006	ng		99
75) Fluoranthene	12.60	202	741155	42.304	ng		99
77) Benzidine	12.72	184	166328	35.313	ng		97
78) Pyrene	12.83	202	775767	48.602	ng		100
80) Butylbenzylphthalate	13.44	149	339262	46.411	ng		94
81) Benzo(a)anthracene	14.02	228	525923	38.730	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	127253	28.818	ng		99
83) Chrysene	14.06	228	516289	39.126	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	408332	41.141	ng		99
85) Di-n-octyl phthalate	14.61	149	702365	49.336	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	493739	46.476	ng		99
88) Benzo(b)fluoranthene	15.09	252	475526	62.582	ng		99
89) Benzo(k)fluoranthene	15.12	252	461593	63.643	ng		98
90) Benzo(a)pyrene	15.46	252	278943	44.796	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	410816	70.359	ng		99
92) Benzo(g,h,i)perylene	17.48	276	415612	75.124	ng		98

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

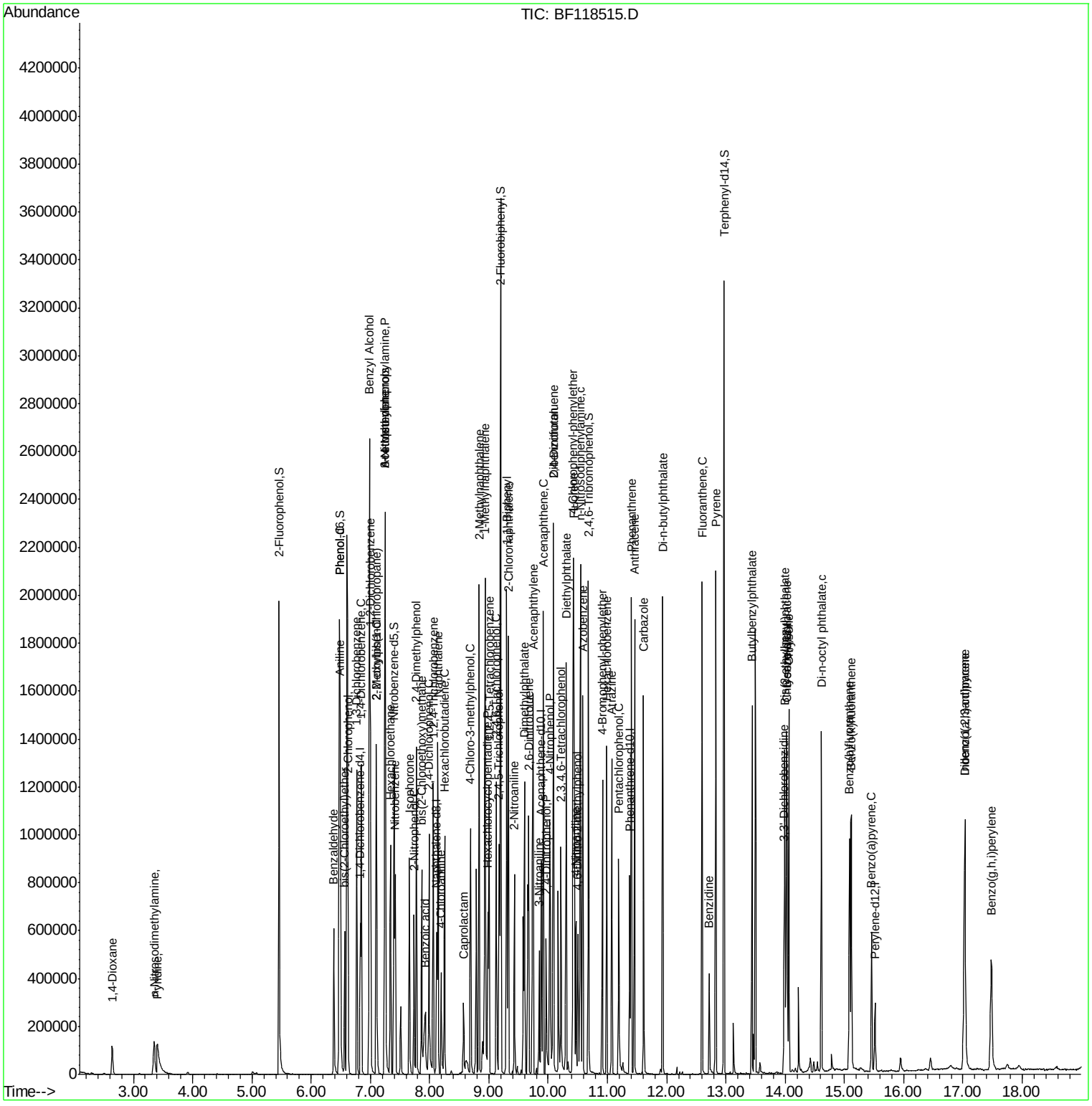
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011020\

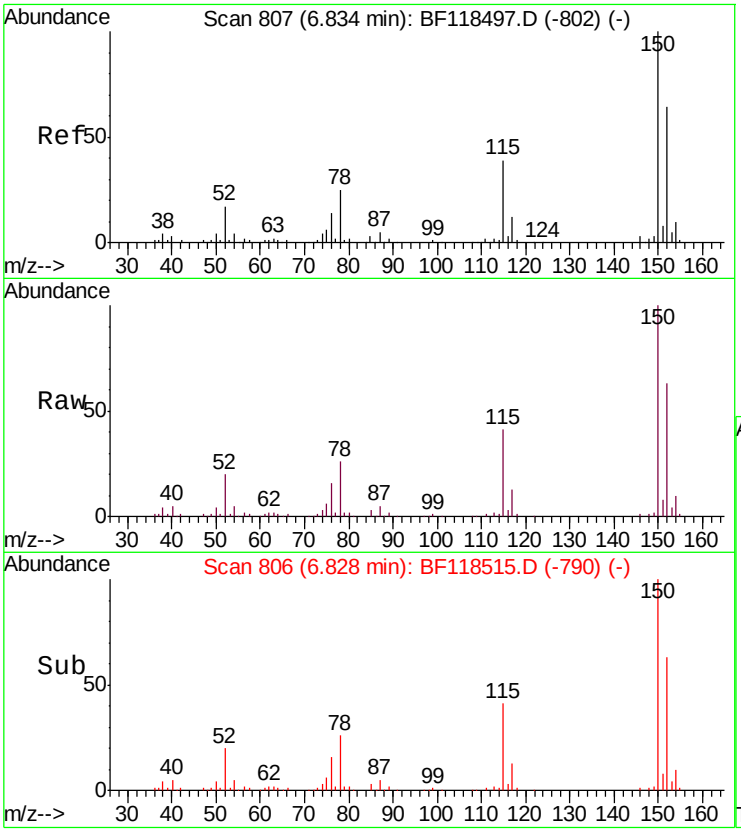
Quantitation Report (Not Reviewed)

Data File : BF118515.D
Acq On : 10 Jan 2020 15:06
Operator : JU
Sample : PB126016BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126016BS

Quant Time: Jan 11 02:52:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



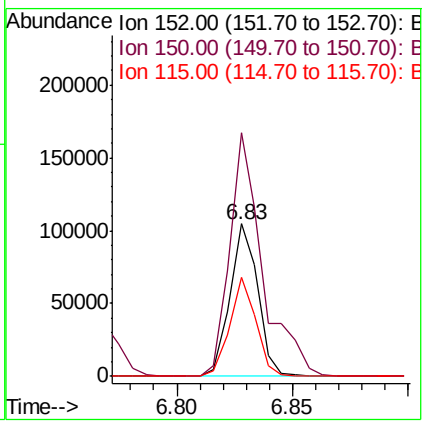


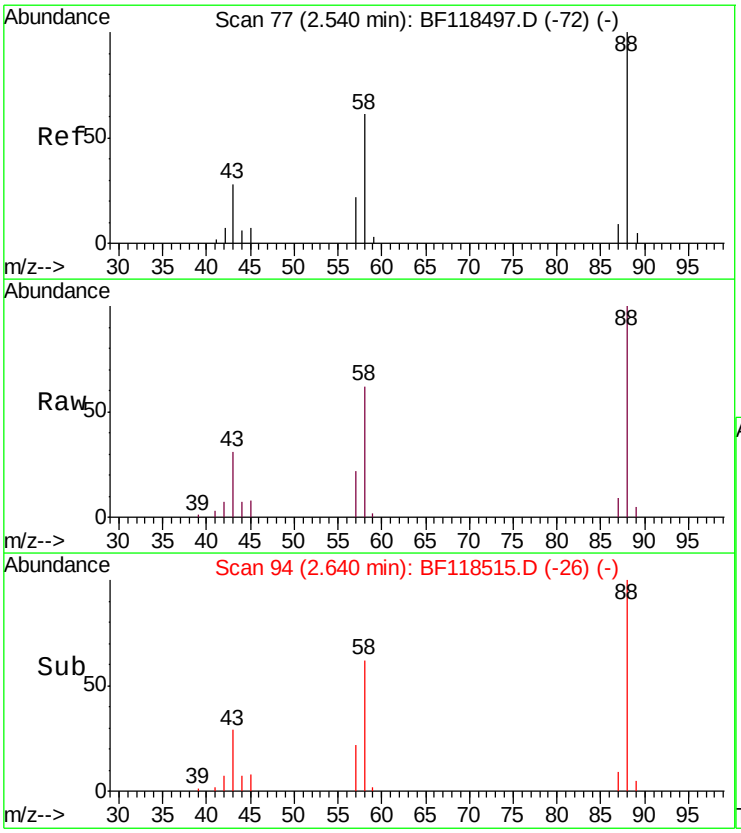
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:152 Resp: 87358

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.7	187.1
115	64.9	49.0	73.6

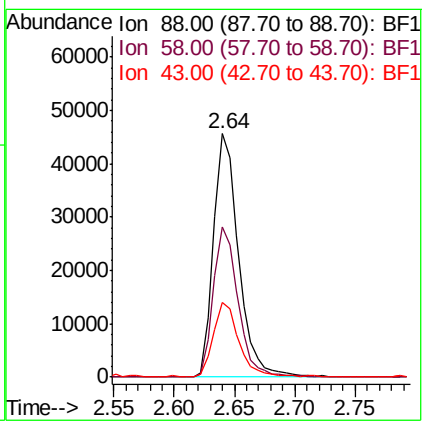


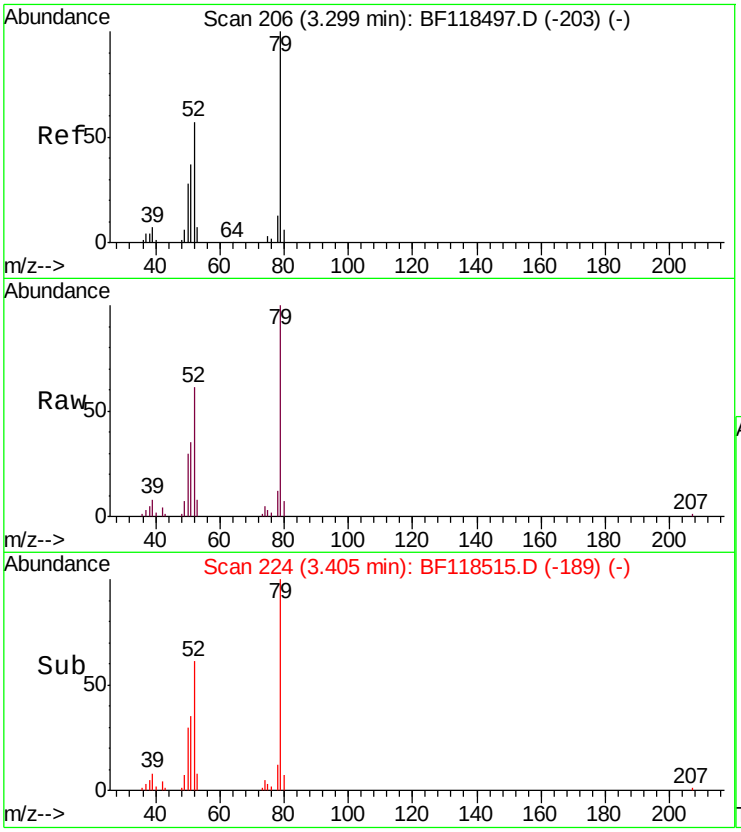


#2
1,4-Dioxane
Concen: 37.085 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.10 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 88 Resp: 65428

Ion	Ratio	Lower	Upper
88	100		
58	60.7	48.3	72.5
43	31.2	23.4	35.0



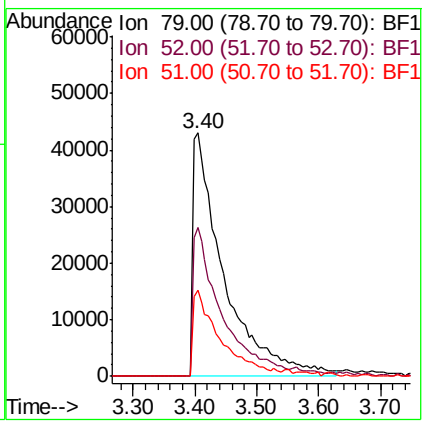


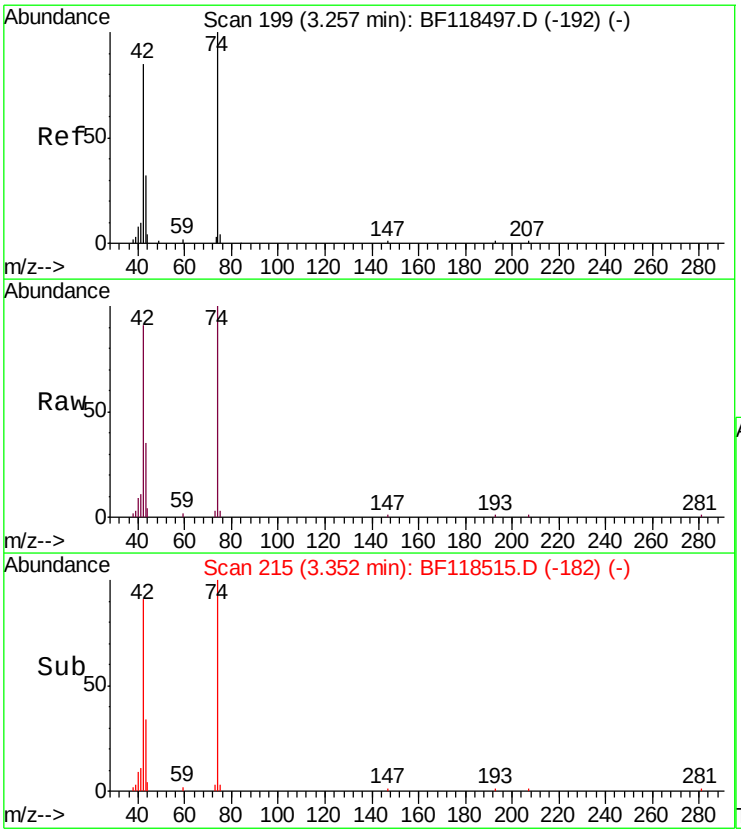
#3
Pyridine
Concen: 31.468 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.11 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 79 Resp: 149446

Ion	Ratio	Lower	Upper
79	100		
52	61.3	45.9	68.9
51	35.4	29.8	44.6

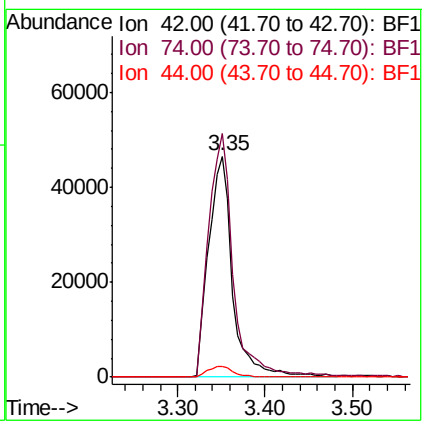


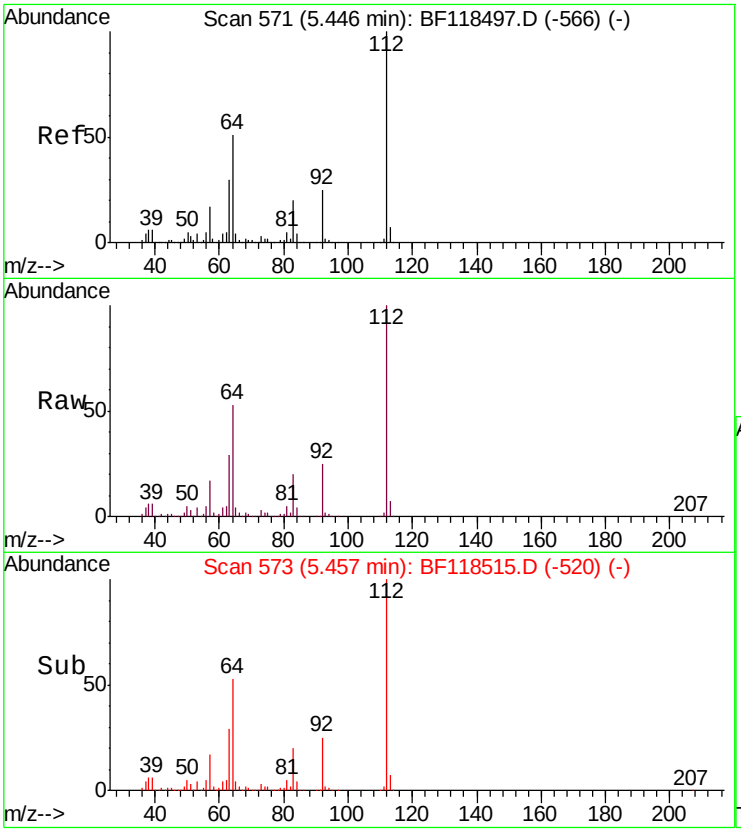


#4
n-Nitrosodimethylamine
Concen: 37.439 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.09 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 42 Resp: 89098

Ion	Ratio	Lower	Upper
42	100		
74	110.1	94.1	141.1
44	4.8	4.1	6.1



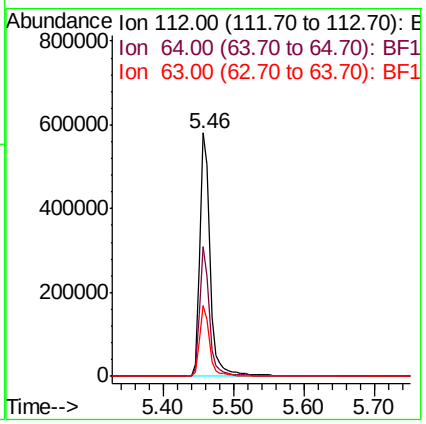


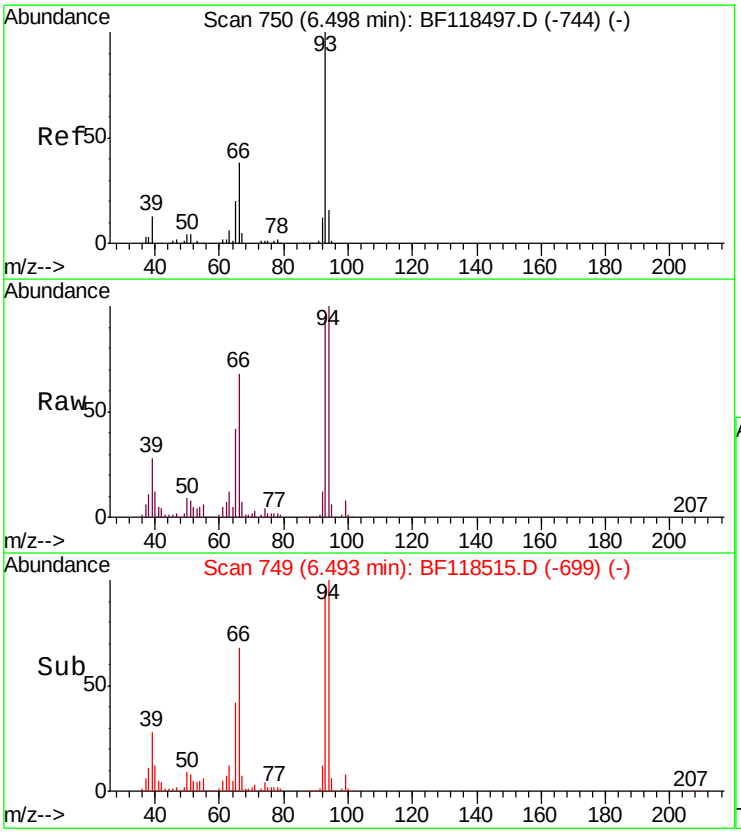
#5
2-Fluorophenol
Concen: 114.140 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:112 Resp: 604034

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.1	61.7
63	29.3	24.1	36.1

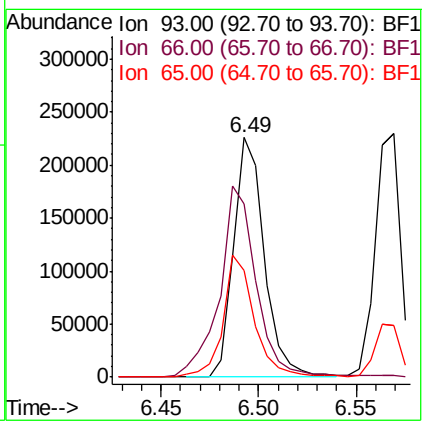


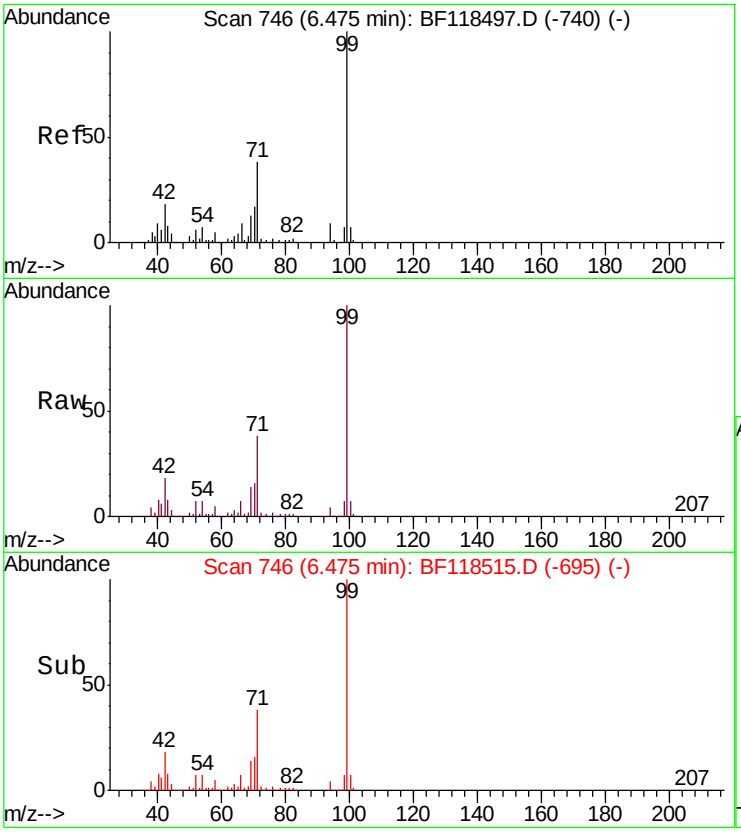


#6
Aniline
Concen: 31.317 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 93 Resp: 246359

Ion	Ratio	Lower	Upper
93	100		
66	72.3	33.4	50.0#
65	44.4	16.7	25.1#



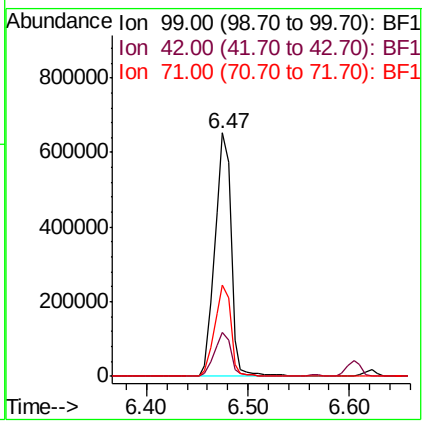


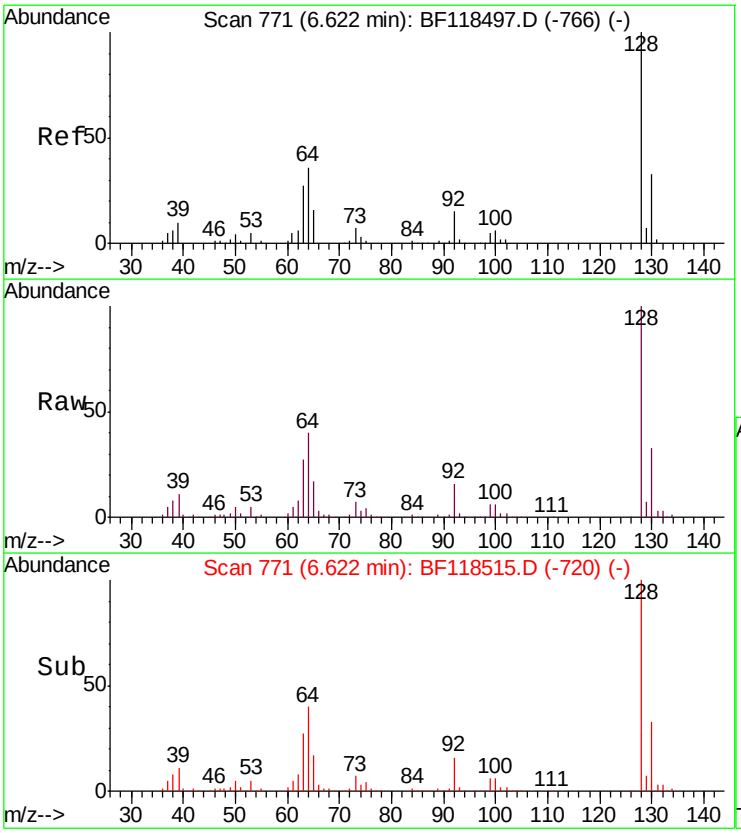
#7
Phenol-d6
Concen: 115.505 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 99 Resp: 730789

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	37.6	30.6	45.8

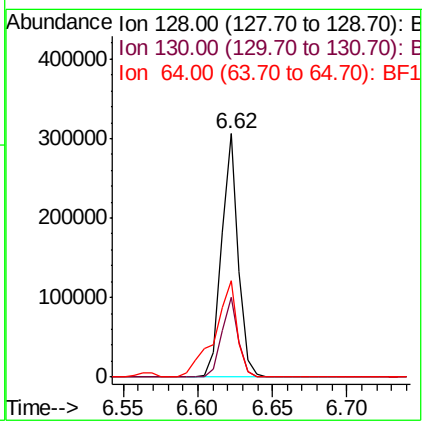


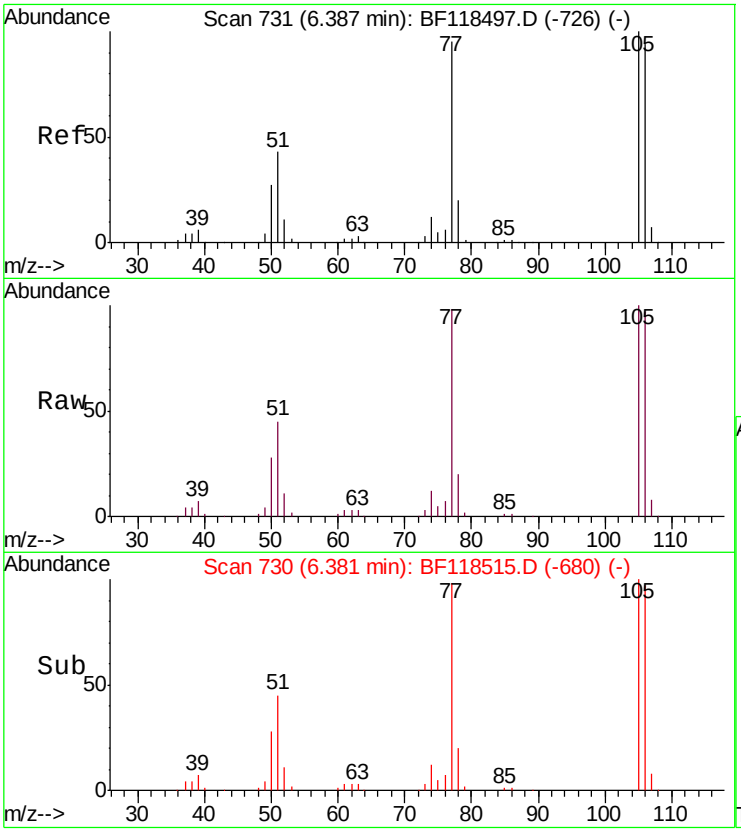


#8
2-Chlorophenol
Concen: 41.599 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:128 Resp: 240695

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	39.7	17.8	57.8



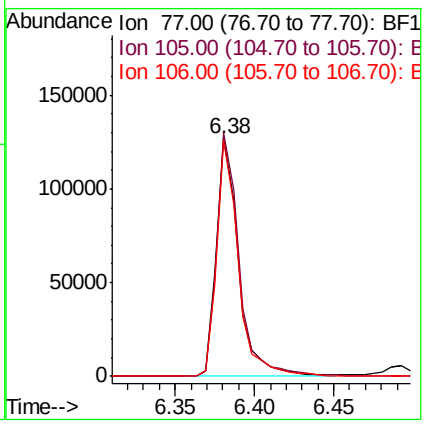


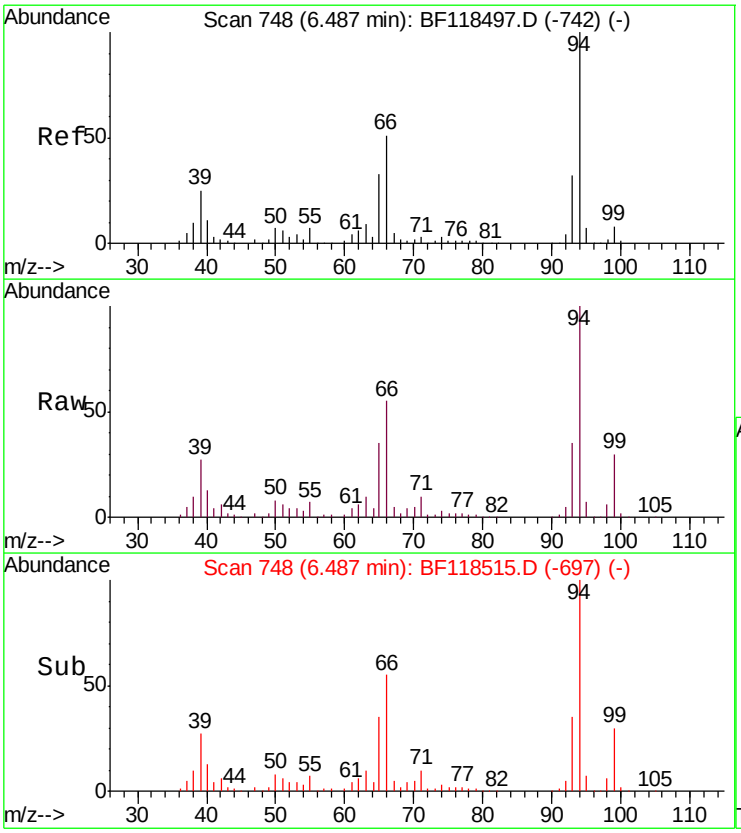
#9
Benzaldehyde
Concen: 35.072 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 77 Resp: 123534

Ion	Ratio	Lower	Upper
77	100		
105	102.2	85.4	125.4
106	99.0	79.5	119.5

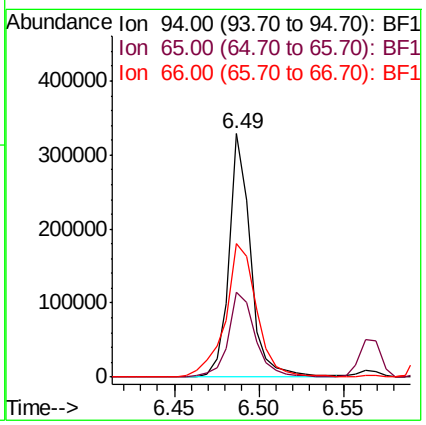


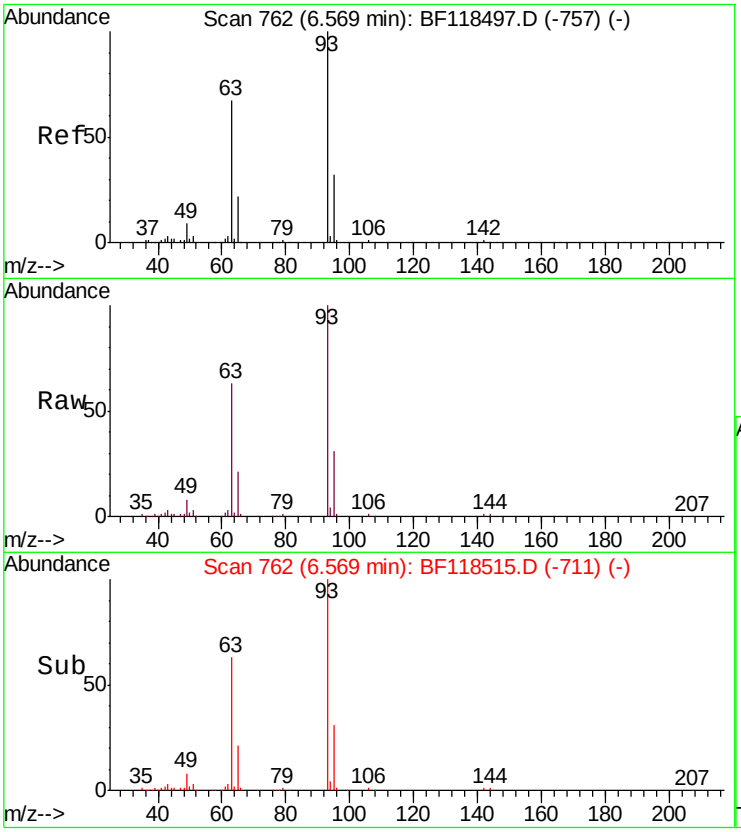


#10
Phenol
Concen: 41.375 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 94 Resp: 290071

Ion	Ratio	Lower	Upper
94	100		
65	35.0	13.3	53.3
66	54.7	30.9	70.9



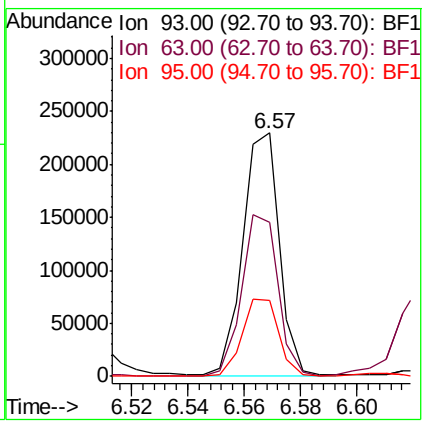


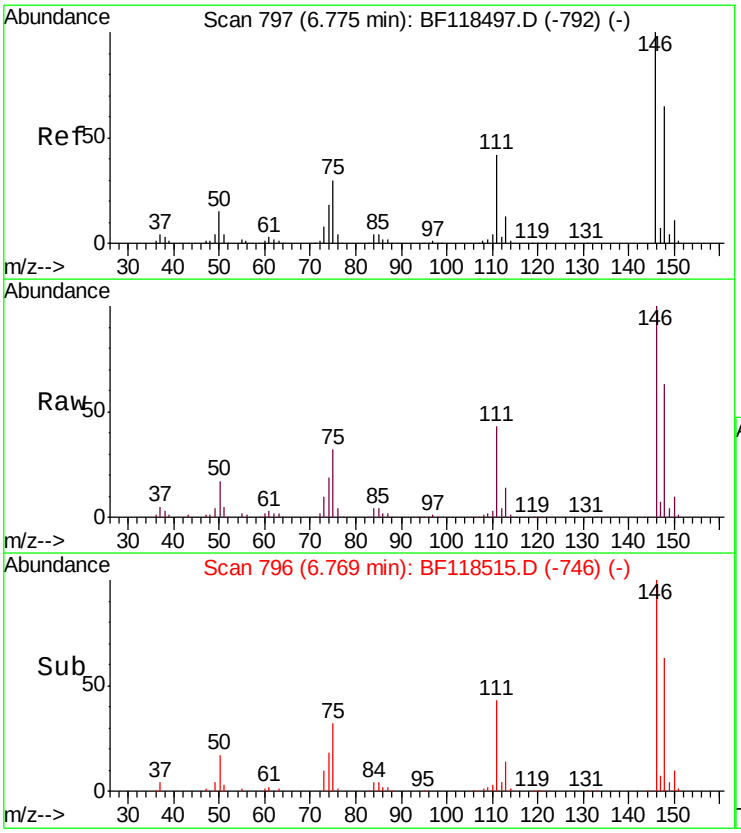
#11
bis(2-Chloroethyl)ether
Concen: 41.633 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 93 Resp: 208092

Ion	Ratio	Lower	Upper
93	100		
63	63.3	46.6	86.6
95	31.4	11.5	51.5

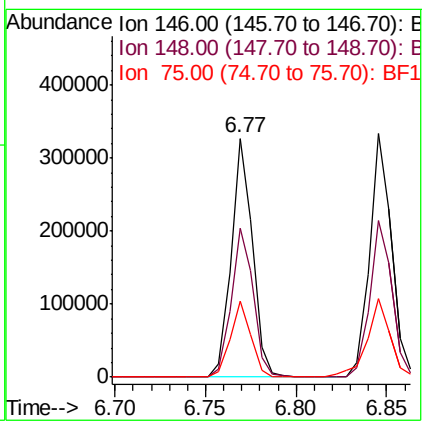


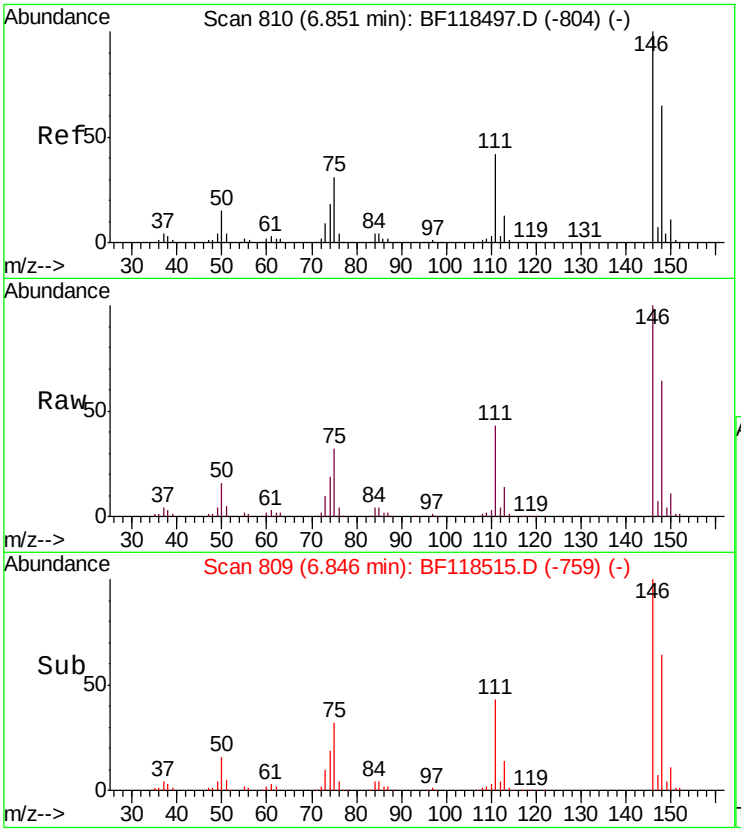


#12
1,3-Dichlorobenzene
Concen: 39.536 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:146 Resp: 267418

Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.4	78.6
75	32.0	24.1	36.1



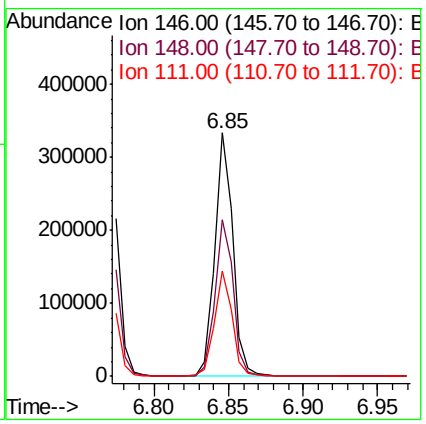


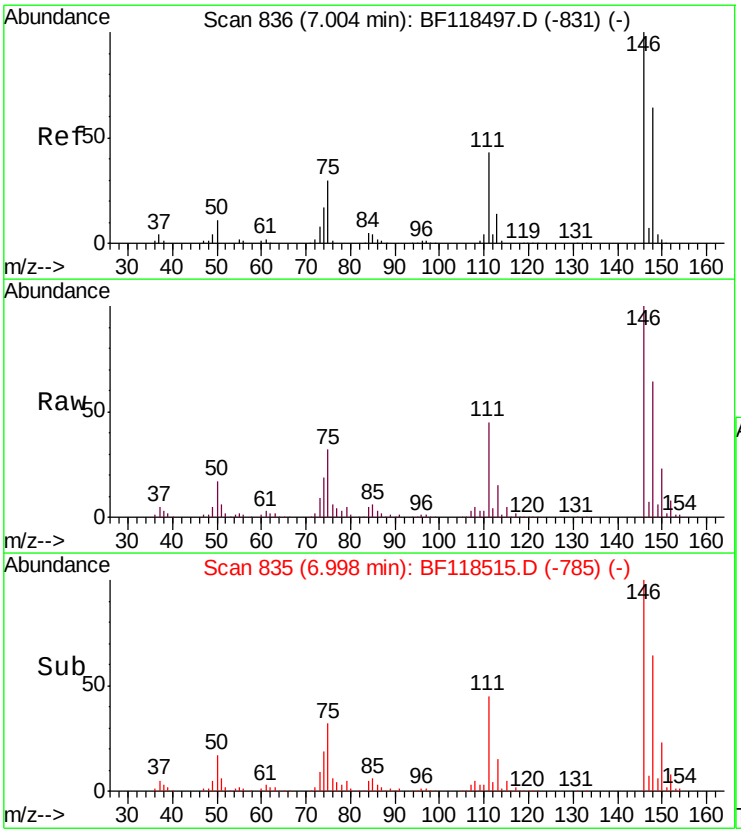
#13
1,4-Dichlorobenzene
Concen: 40.830 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:146 Resp: 281784

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.3	33.2	49.8

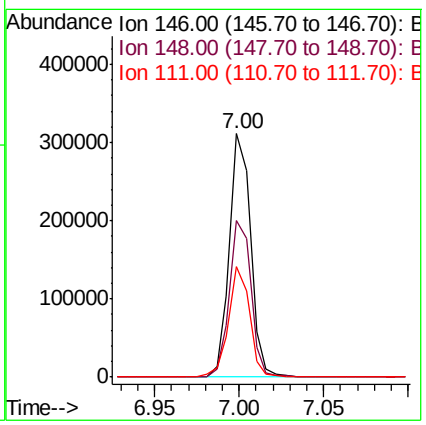


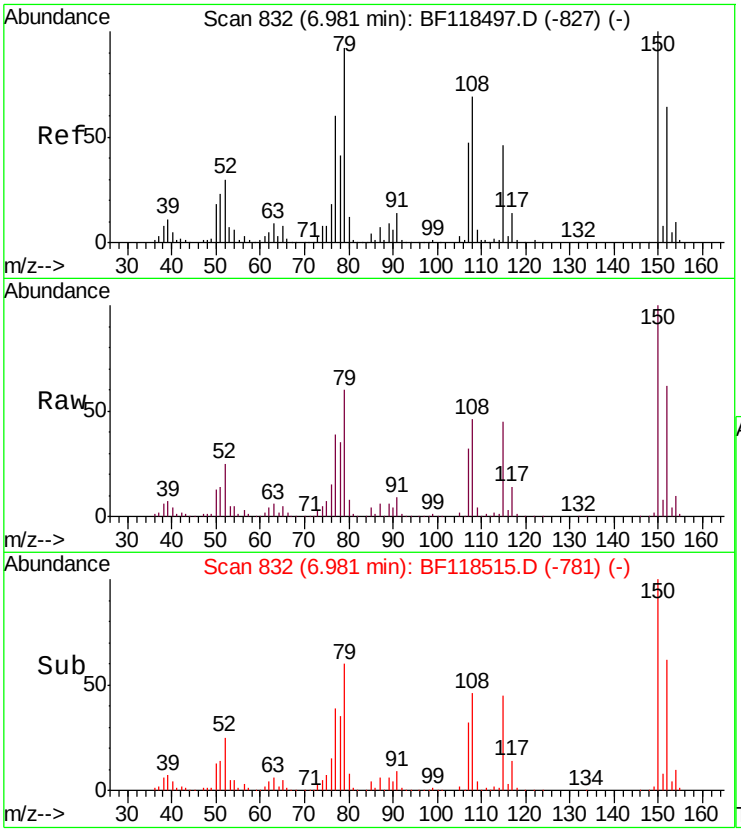


#14
1,2-Dichlorobenzene
Concen: 40.642 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:146 Resp: 271050

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	45.5	34.7	52.1



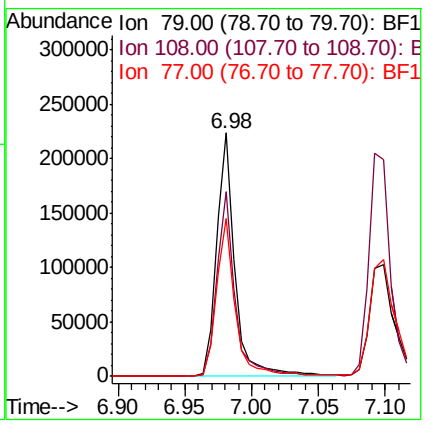


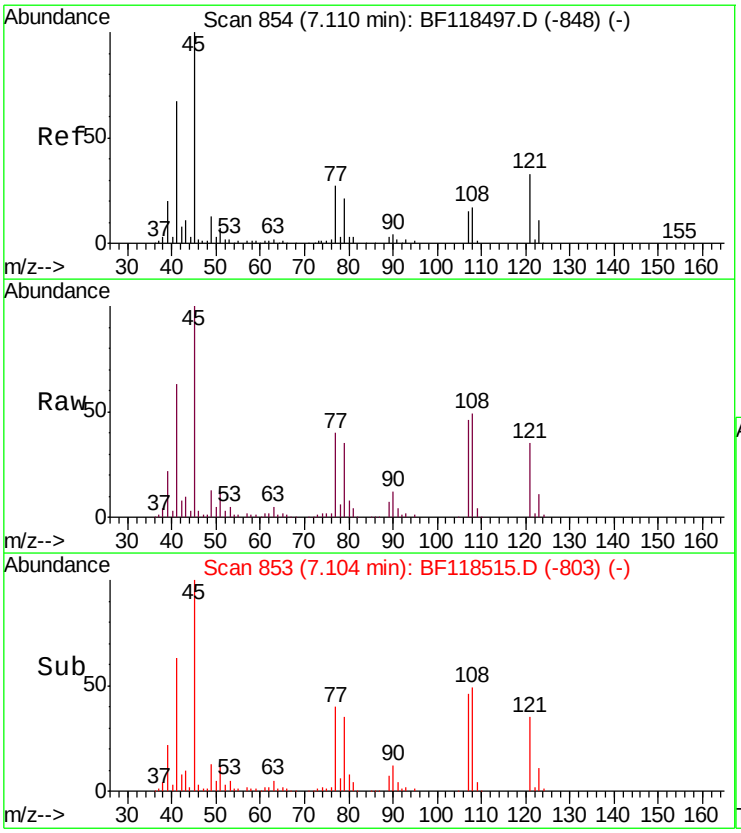
#15
Benzyl Alcohol
Concen: 42.511 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 79 Resp: 218173

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.2	90.2
77	64.8	51.8	77.8

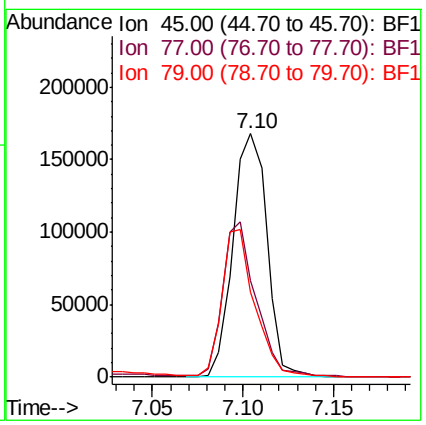


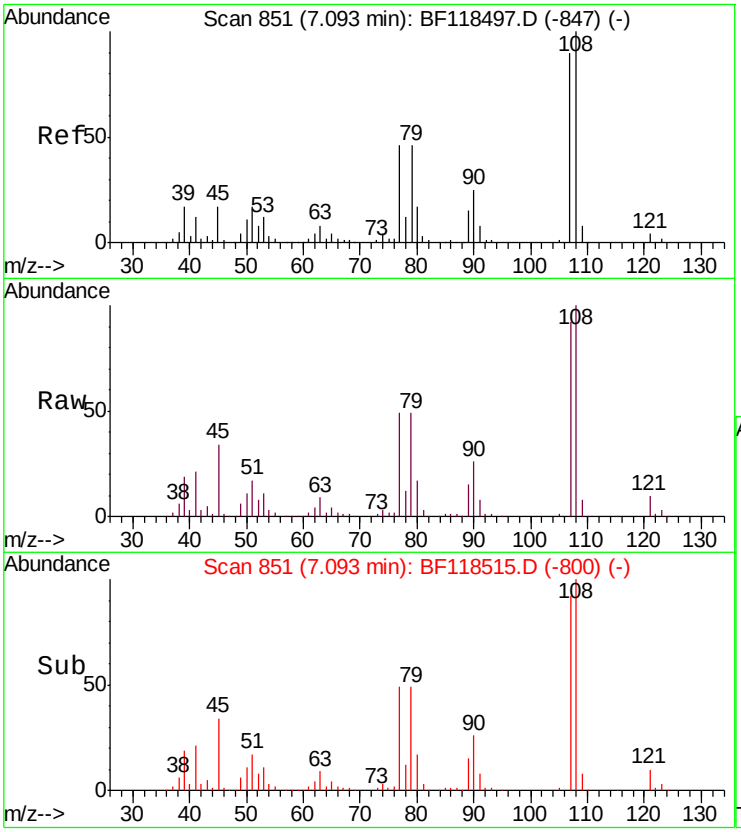


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.461 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 45 Resp: 218796

Ion	Ratio	Lower	Upper
45	100		
77	39.6	7.6	47.6
79	34.7	2.0	42.0



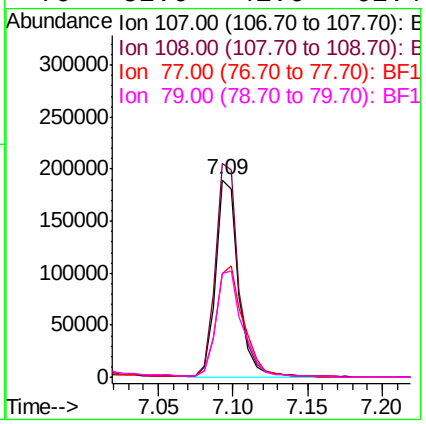


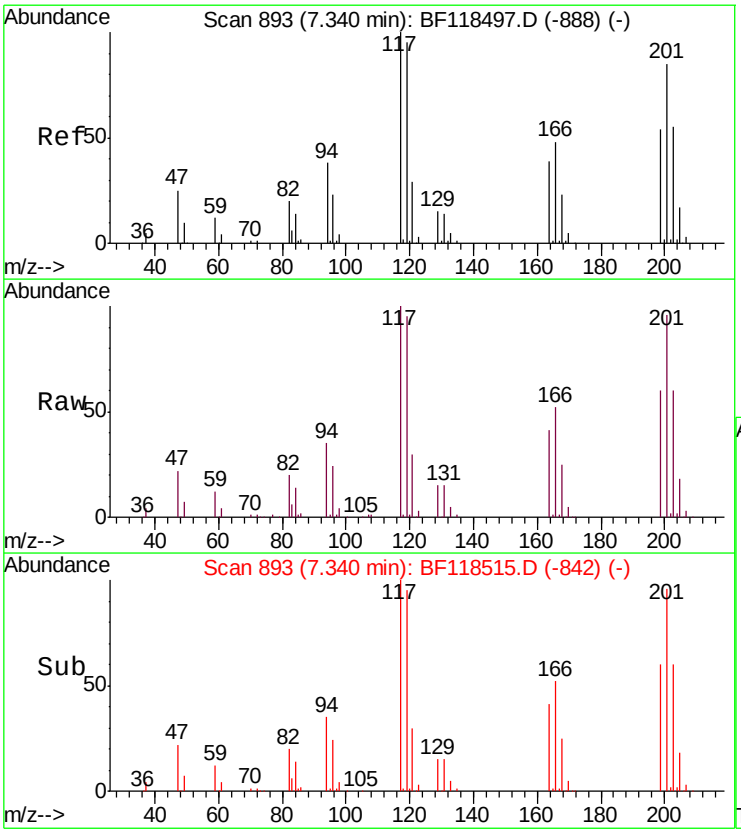
#17
2-Methylphenol
Concen: 42.619 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:107 Resp: 202658

Ion	Ratio	Lower	Upper
107	100		
108	108.3	88.9	133.3
77	52.6	41.2	61.8
79	52.6	41.6	62.4

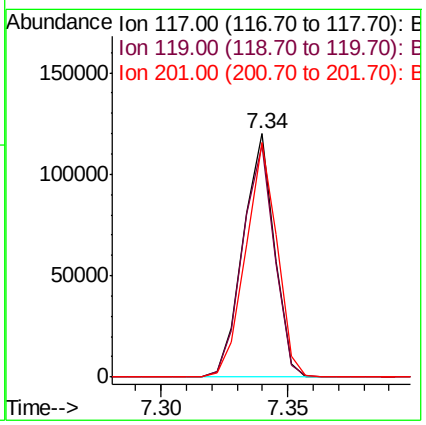


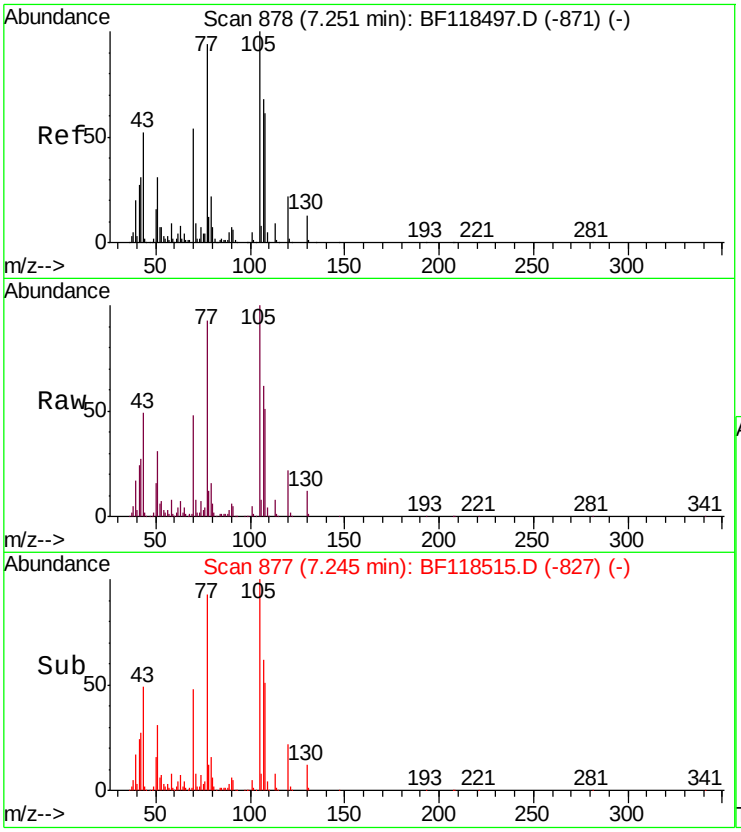


#18
Hexachloroethane
Concen: 39.391 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:117 Resp: 103008

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.2	114.4
201	96.4	67.7	101.5



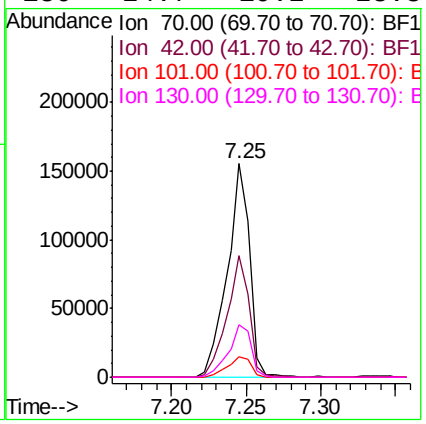


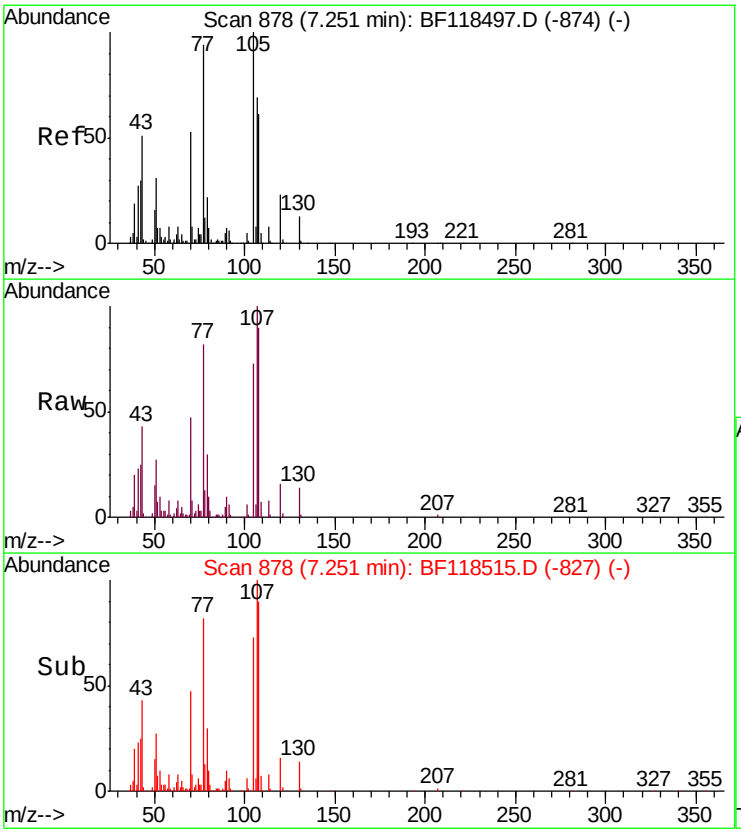
#19
n-Nitroso-di-n-propylamine
Concen: 40.357 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 70 Resp: 164455

Ion	Ratio	Lower	Upper
70	100		
42	56.7	45.6	68.4
101	9.3	8.2	12.2
130	24.7	19.2	28.8

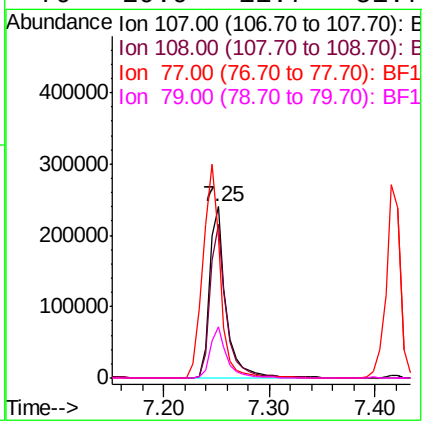


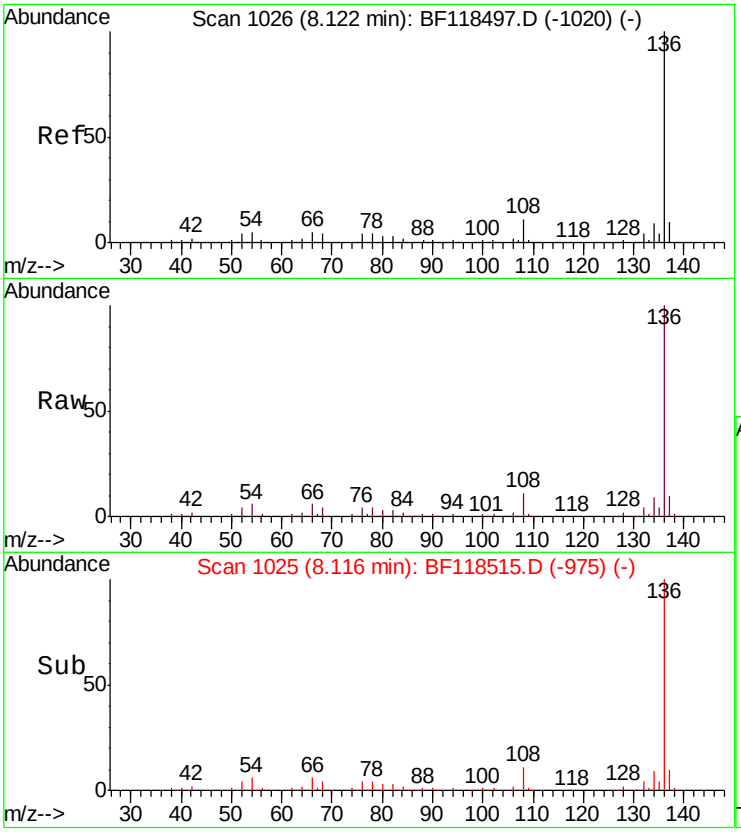


#20
3+4-Methylphenols
Concen: 40.953 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:107 Resp: 264156

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.9	108.9
77	82.4	116.8	156.8#
79	29.9	11.7	51.7



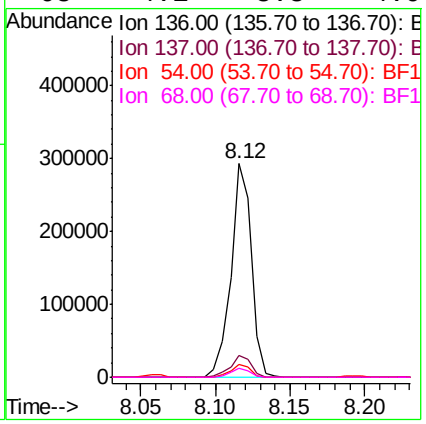


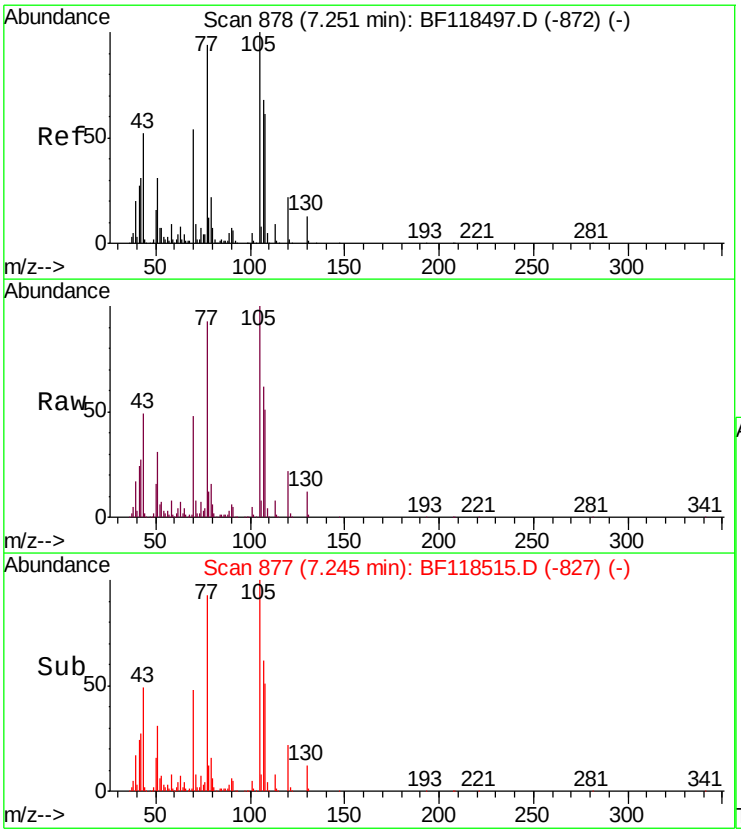
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:136 Resp: 283207

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.3	12.5
54	5.8	4.2	6.2
68	4.1	3.3	4.9

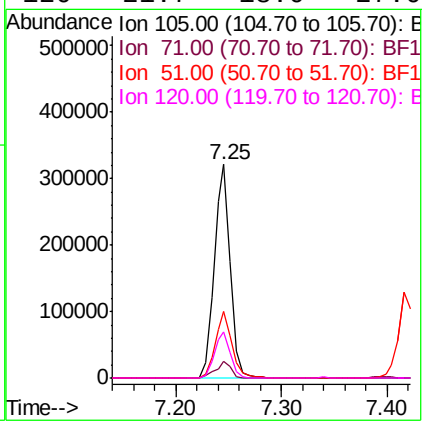


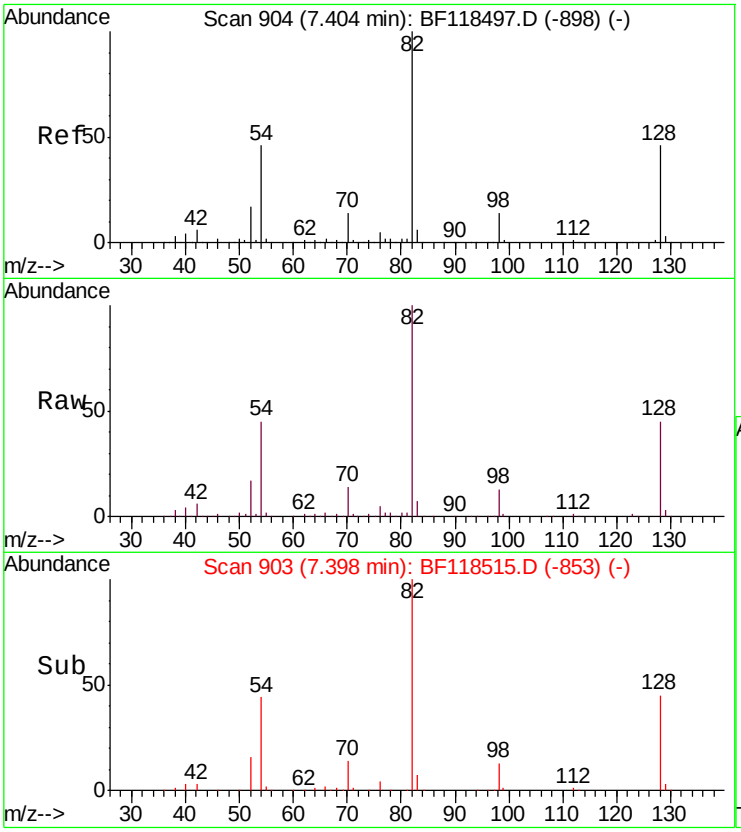


#22
Acetophenone
Concen: 47.540 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:105 Resp: 341277

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.9	10.3
51	31.3	25.0	37.4
120	21.7	18.0	27.0



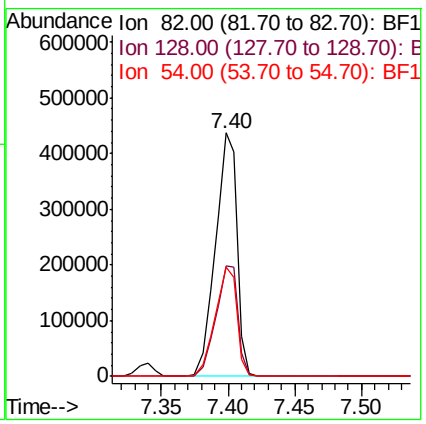


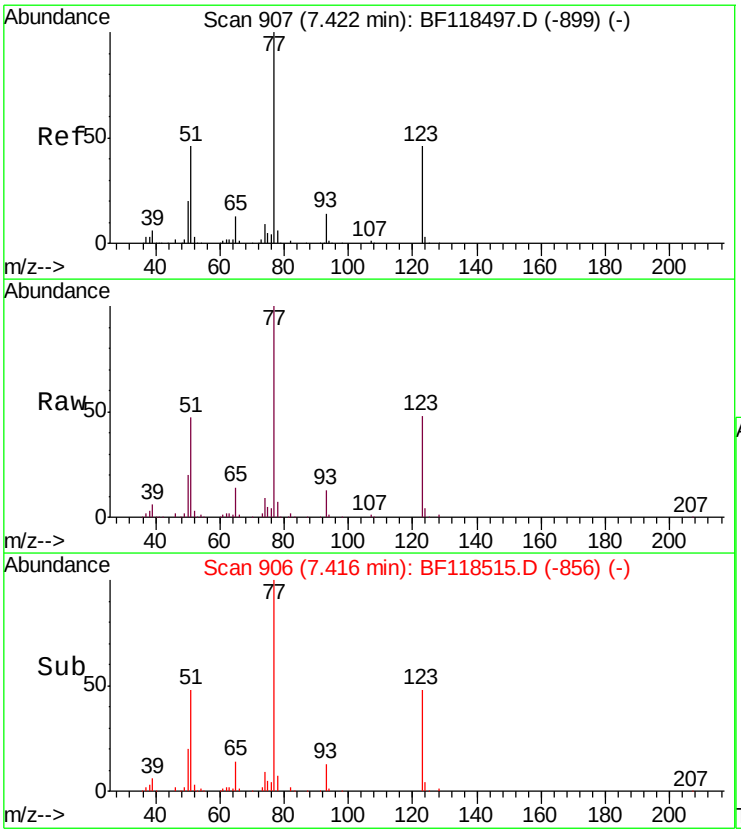
#23
Nitrobenzene-d5
Concen: 92.531 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 82 Resp: 498855

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.6	54.8
54	44.9	37.0	55.6

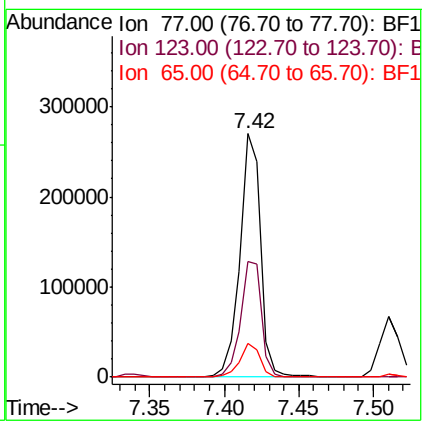


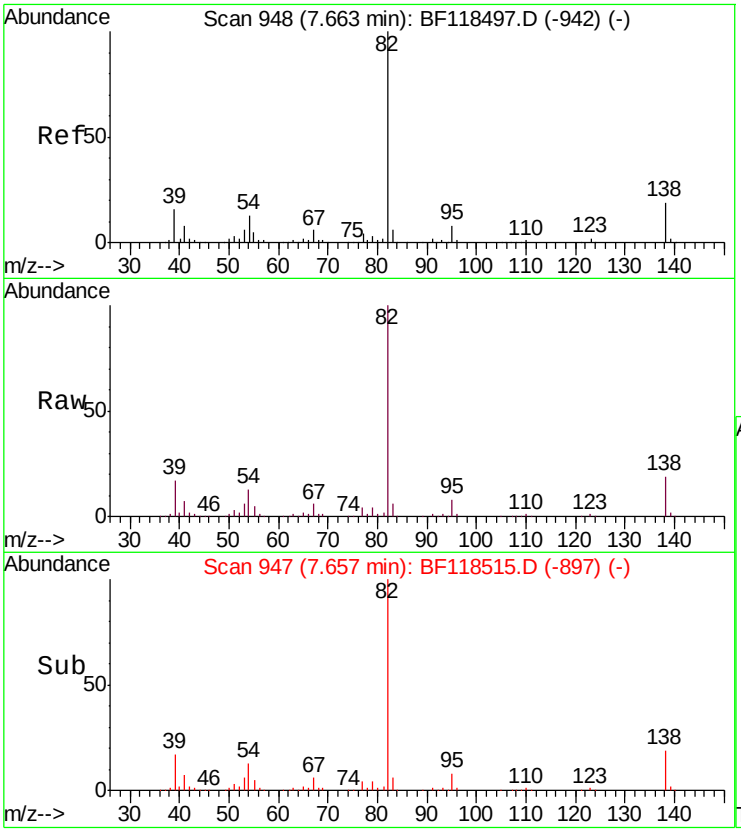


#24
Nitrobenzene
Concen: 48.404 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 77 Resp: 259478

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.0	55.4
65	14.1	10.7	16.1



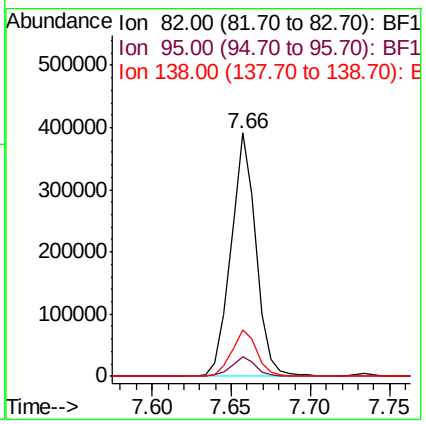


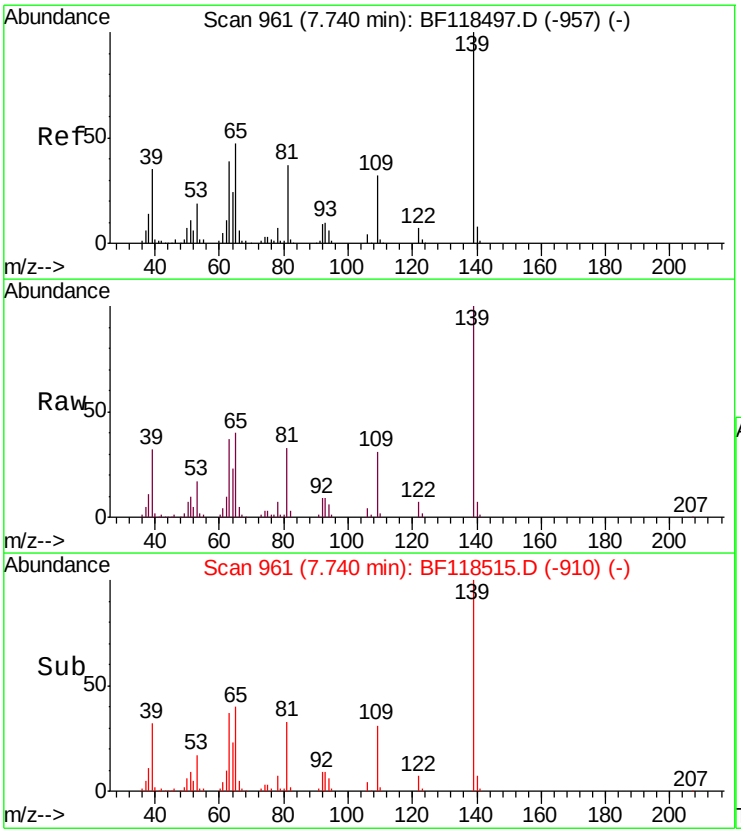
#25
Isophorone
Concen: 49.233 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 82 Resp: 425215

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.6	9.8
138	18.9	15.4	23.2

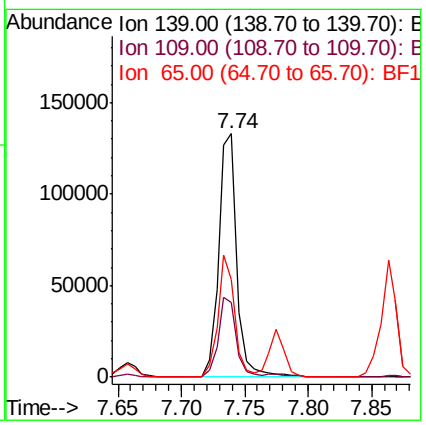


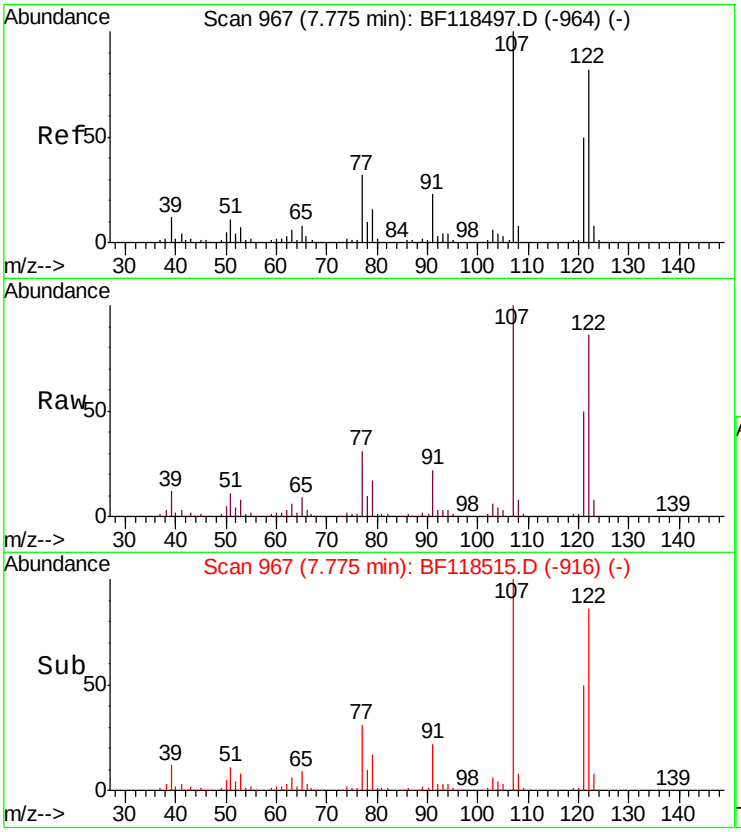


#26
2-Nitrophenol
Concen: 50.246 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:139 Resp: 132991

Ion	Ratio	Lower	Upper
139	100		
109	30.8	25.7	38.5
65	40.3	37.8	56.6



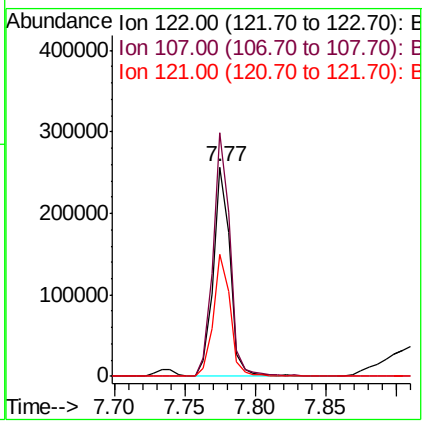


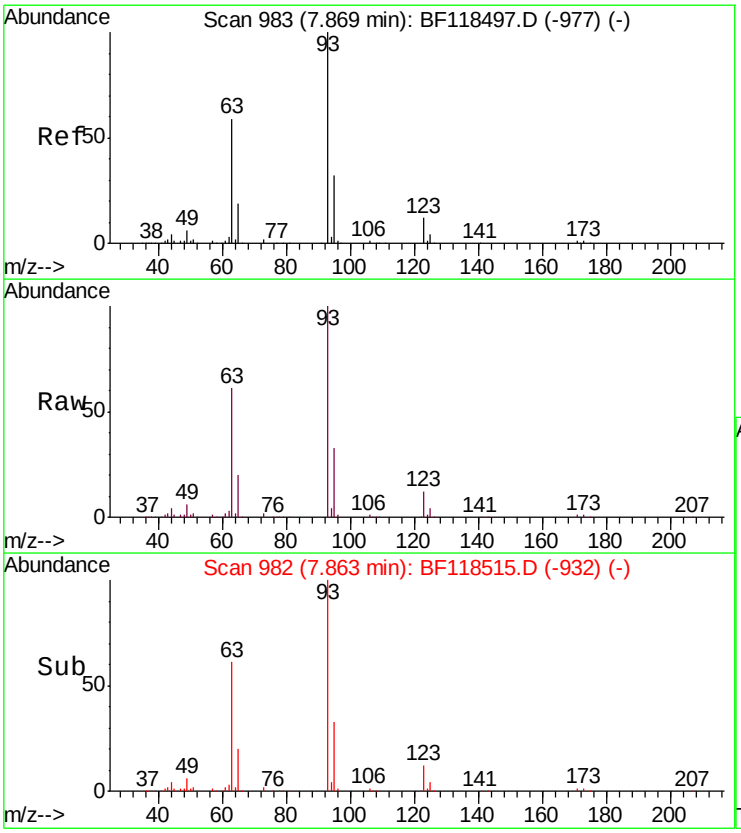
#27
2,4-Dimethylphenol
Concen: 59.538 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:122 Resp: 211921

Ion	Ratio	Lower	Upper
122	100		
107	116.3	97.9	146.9
121	58.4	49.0	73.4

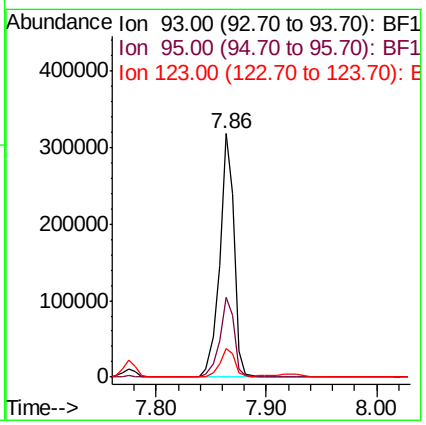


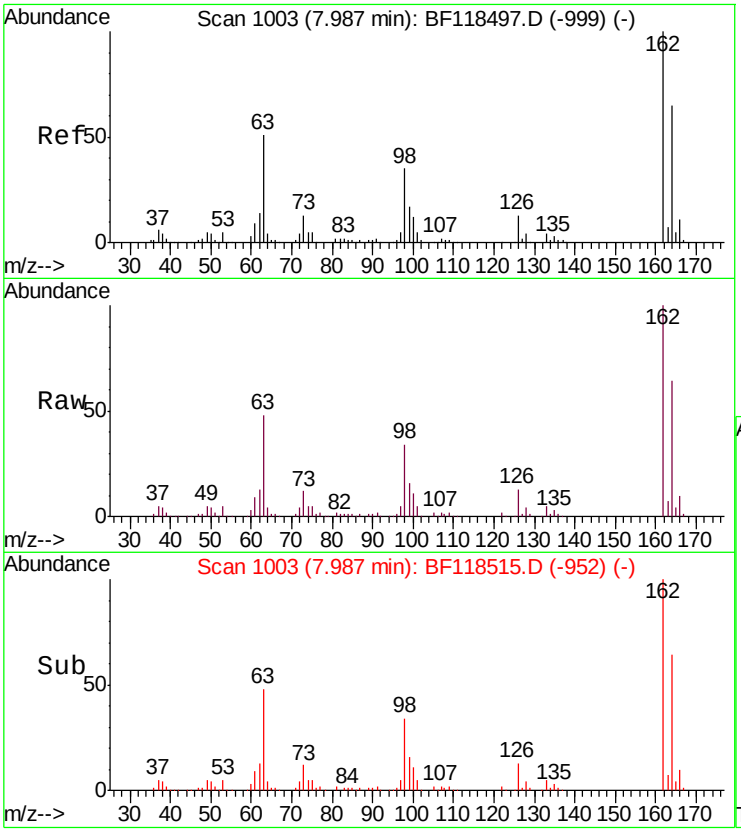


#28
bis(2-Chloroethoxy)methane
Concen: 50.847 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 93 Resp: 288720

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.9	38.9
123	11.8	9.7	14.5



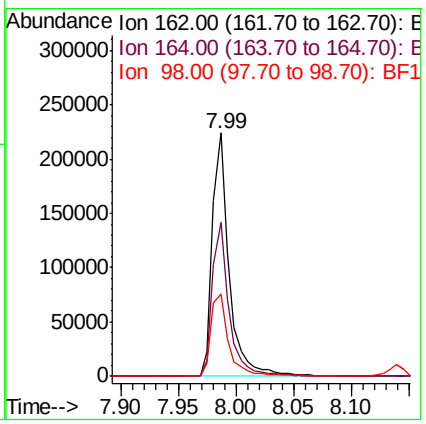


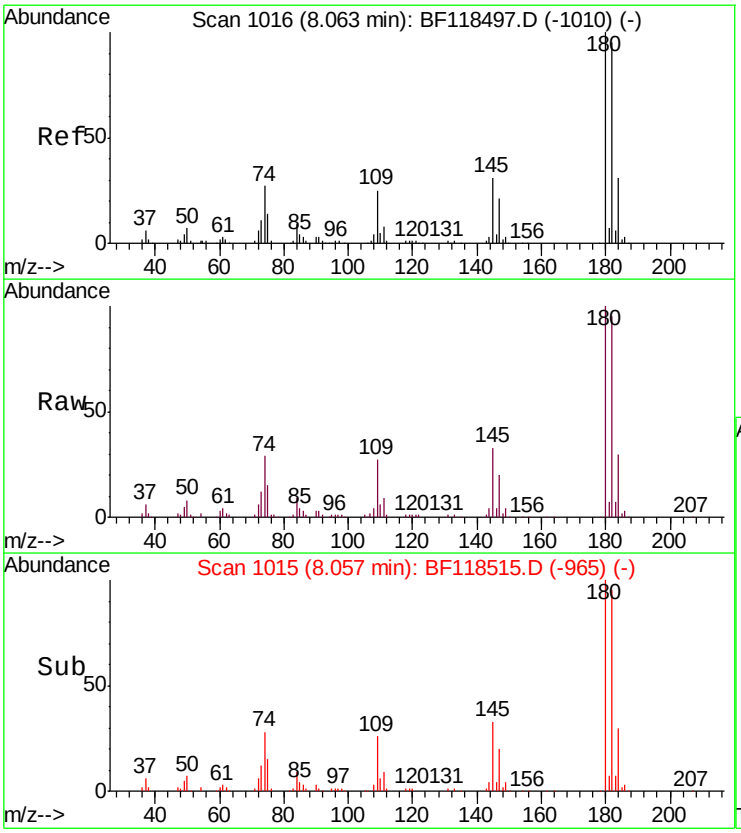
#29
2,4-Dichlorophenol
Concen: 54.121 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:162 Resp: 224927

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.8	84.8
98	33.9	15.1	55.1

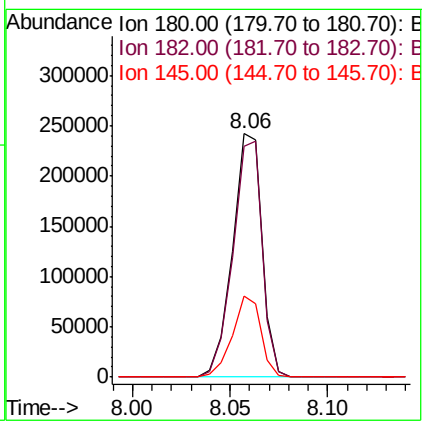


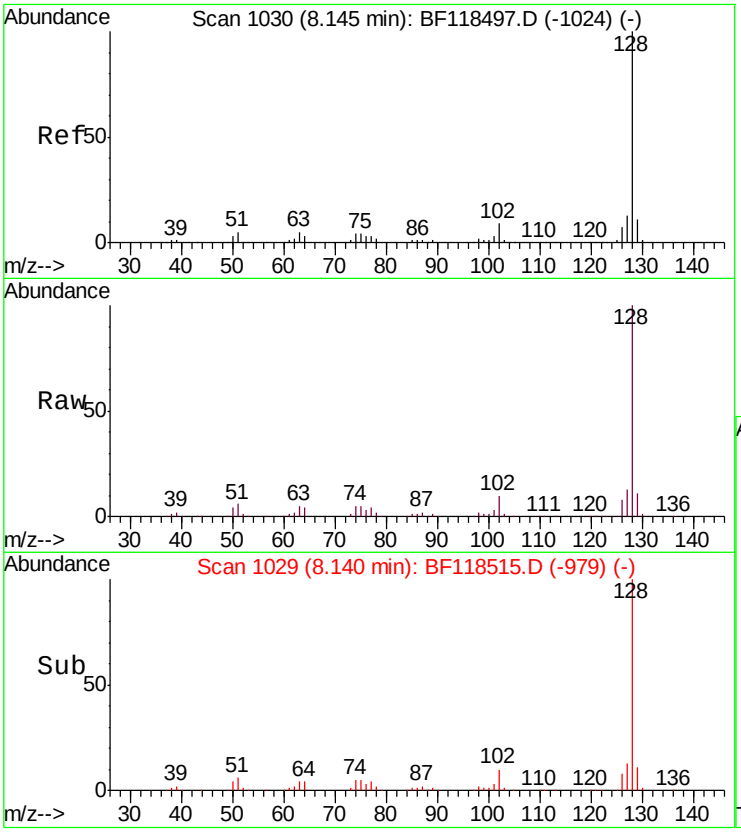


#30
1,2,4-Trichlorobenzene
Concen: 52.473 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:180 Resp: 253289

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	33.1	25.0	37.6



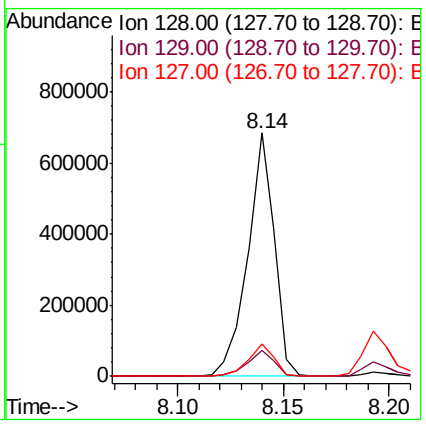


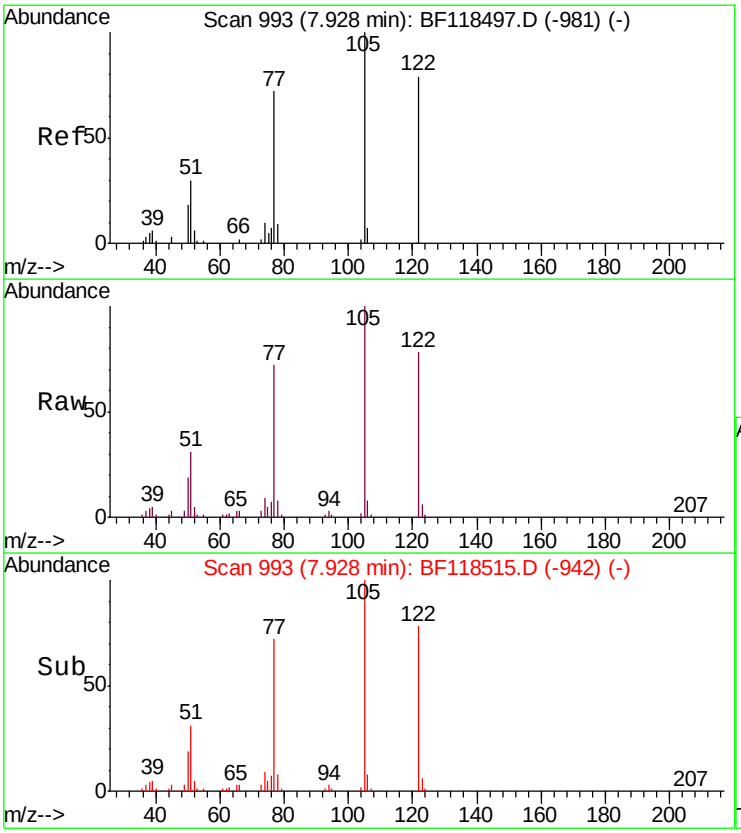
#31
Naphthalene
Concen: 40.585 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:128 Resp: 601224

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.1	10.7	16.1

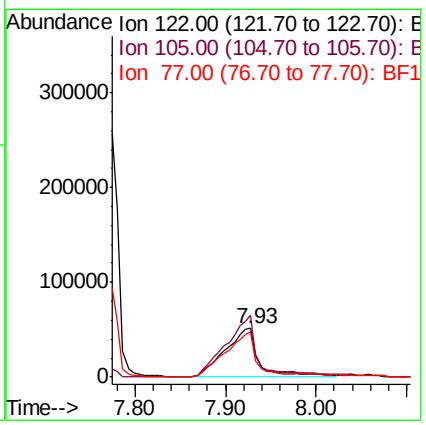


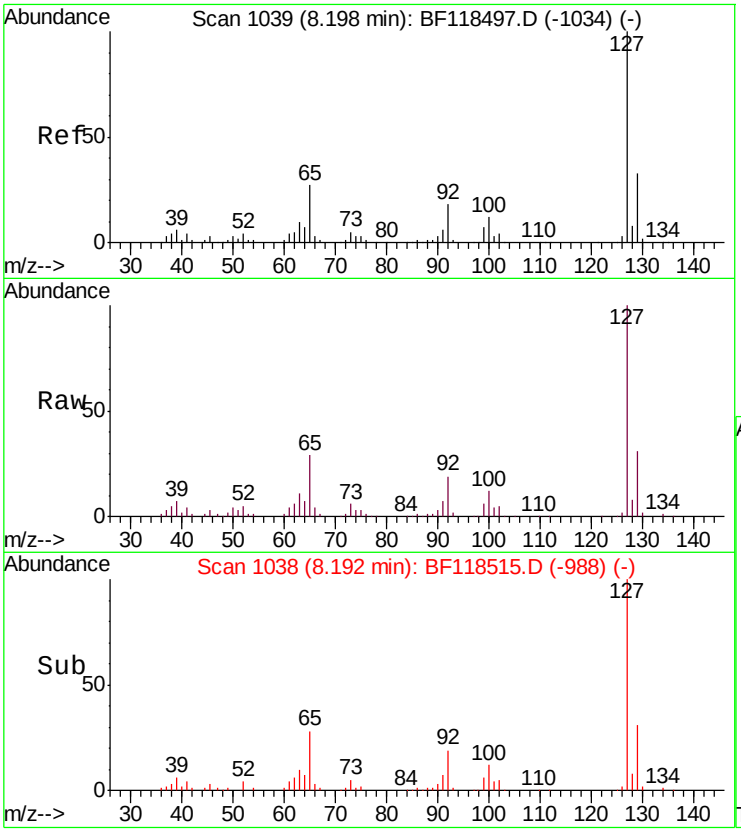


#32
Benzoic acid
Concen: 52.841 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:122 Resp: 131380

Ion	Ratio	Lower	Upper
122	100		
105	128.3	105.7	145.7
77	93.0	71.0	111.0



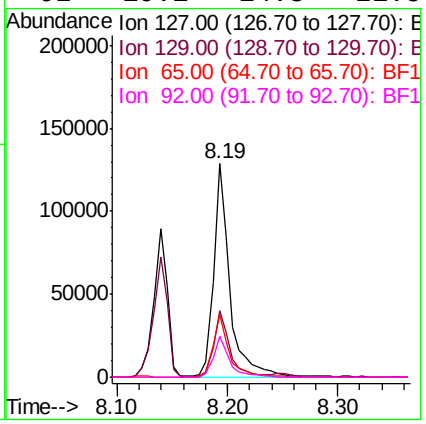


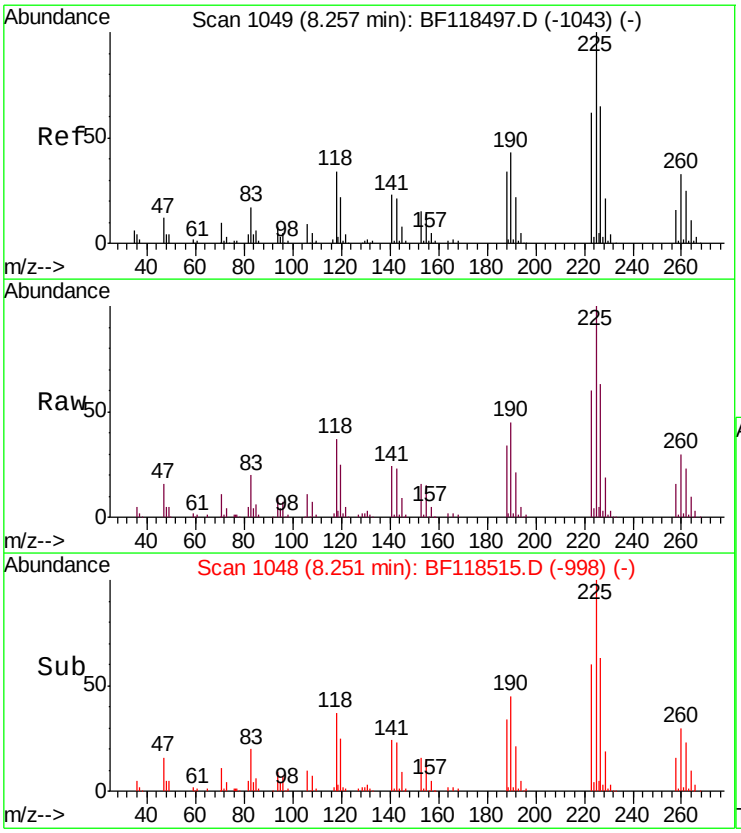
#33
4-Chloroaniline
Concen: 21.268 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:127 Resp: 129706

Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.4
65	29.2	21.6	32.4
92	19.1	14.3	21.5

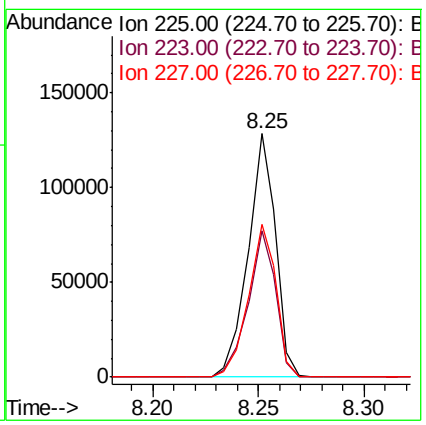


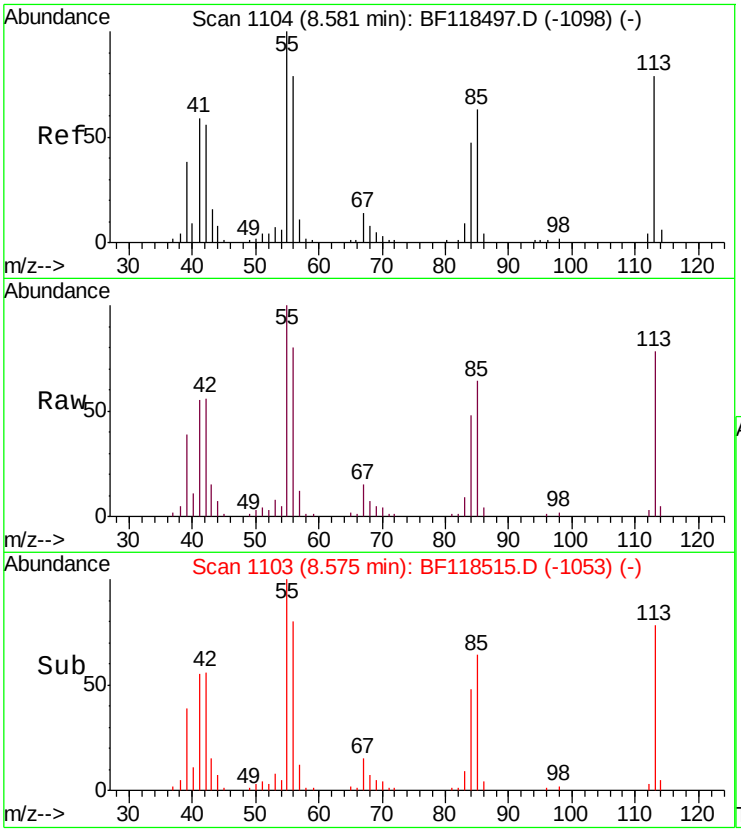


#34
Hexachlorobutadiene
Concen: 39.400 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:225 Resp: 116740

Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.9	74.9
227	62.8	51.8	77.6



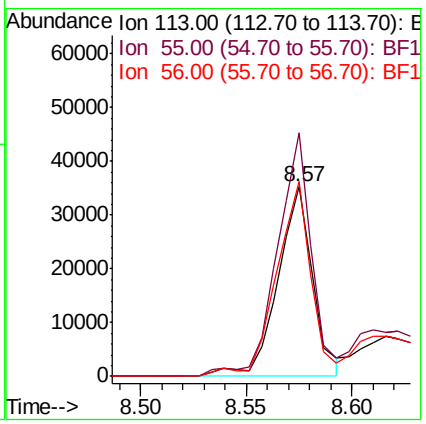


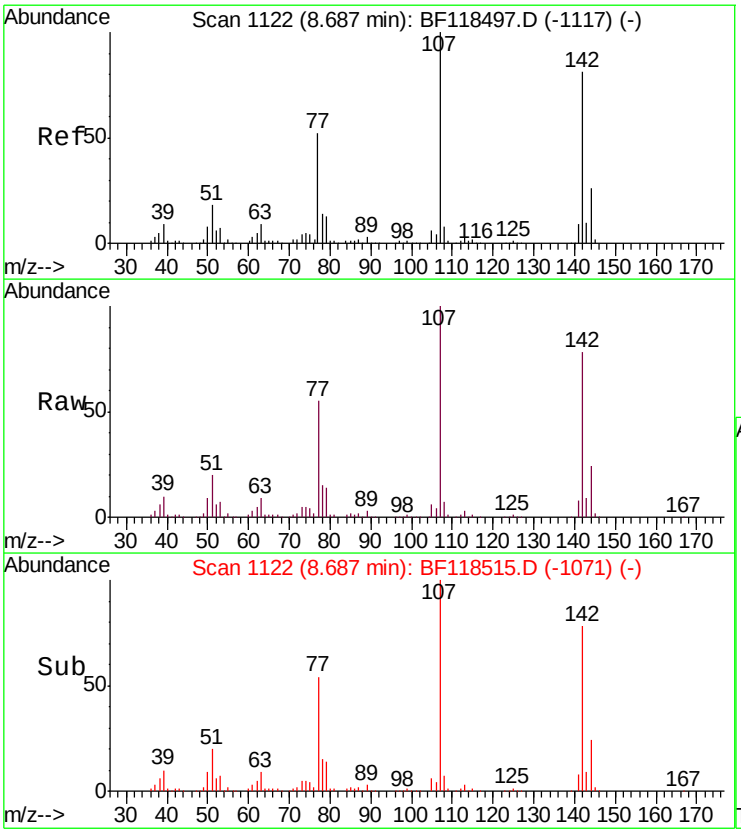
#35
Caprolactam
Concen: 32.425 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:113 Resp: 40593

Ion	Ratio	Lower	Upper
113	100		
55	128.4	106.5	146.5
56	103.2	80.1	120.1

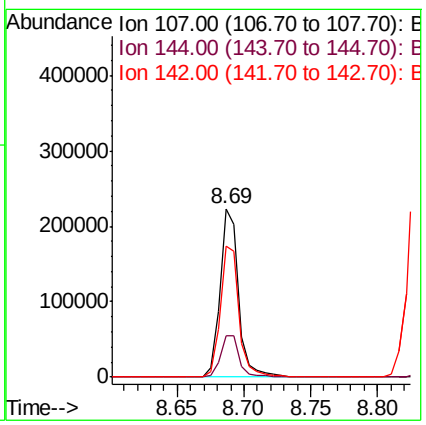


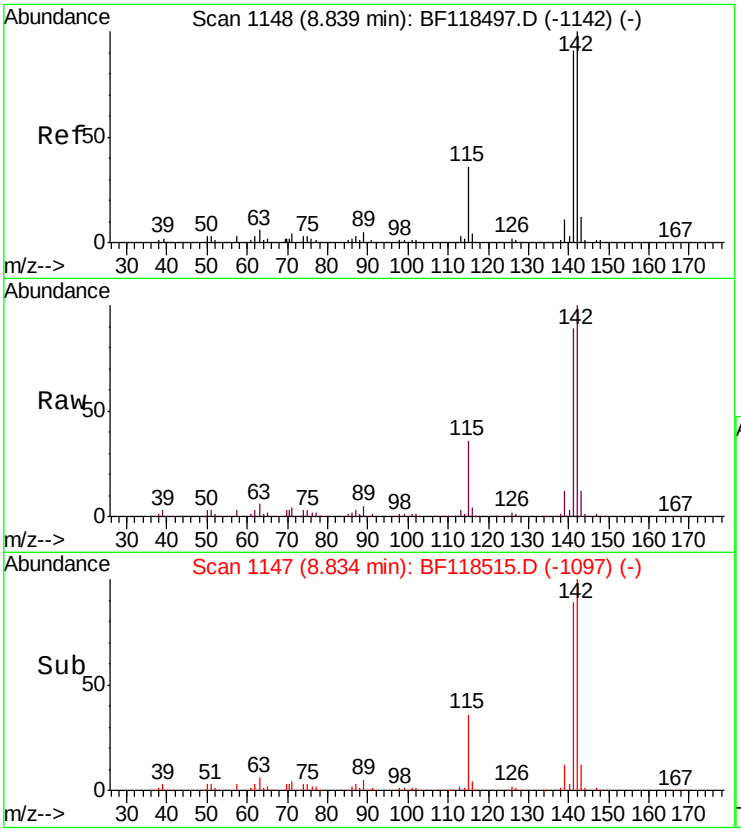


#36
4-Chloro-3-methylphenol
Concen: 48.997 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:107 Resp: 218917

Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.6	31.0
142	77.7	65.0	97.4



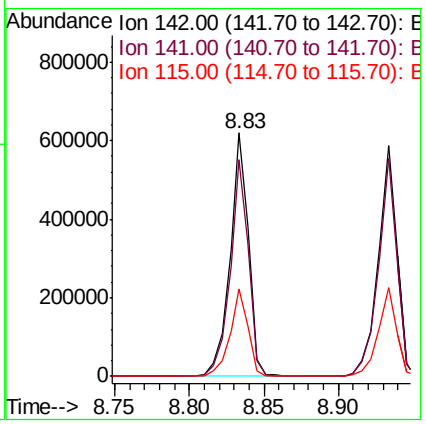


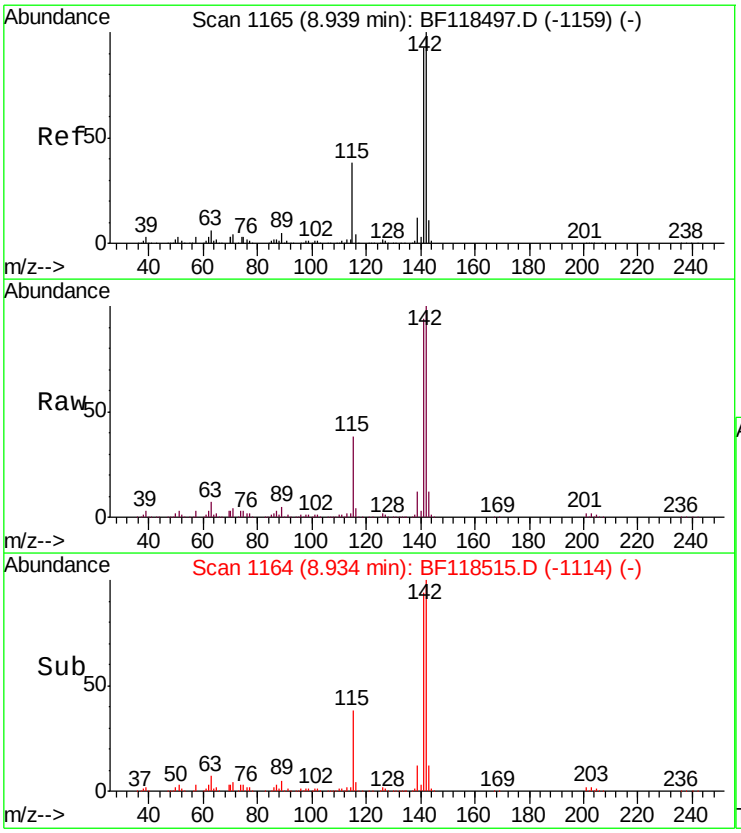
#37
2-Methylnaphthalene
Concen: 53.319 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:142 Resp: 542103

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.0	109.6
115	35.9	28.4	42.6

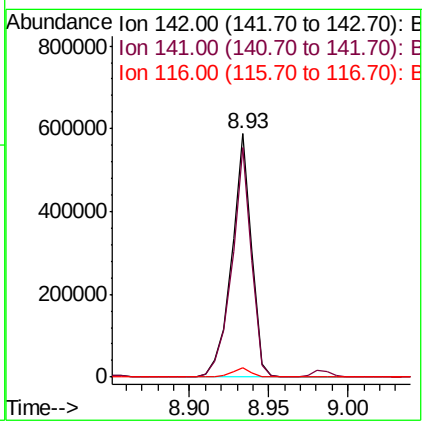


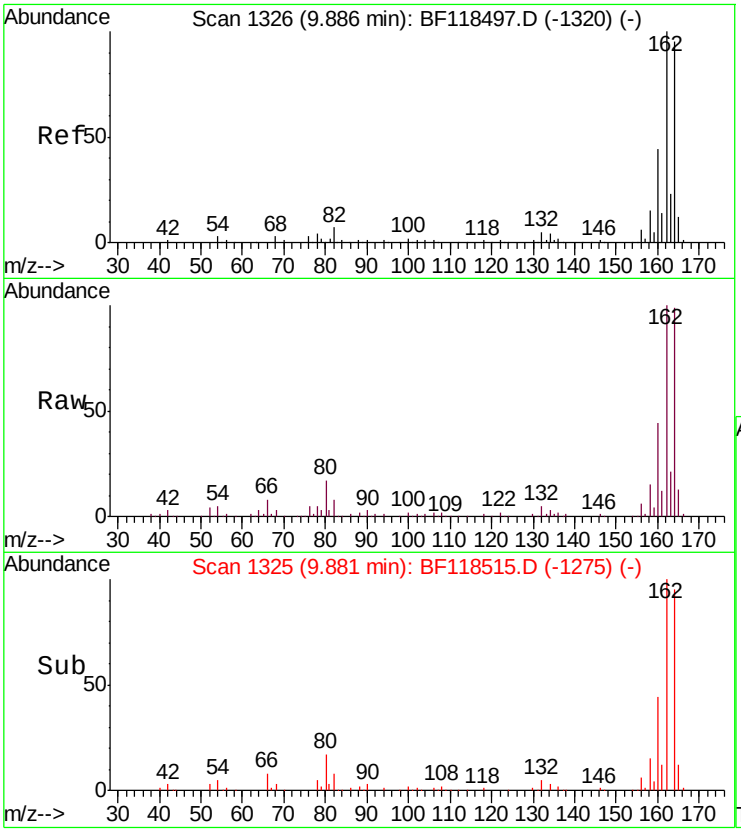


#38
1-Methylnaphthalene
Concen: 52.853 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:142 Resp: 504523

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.3	111.5
116	4.0	3.2	4.8



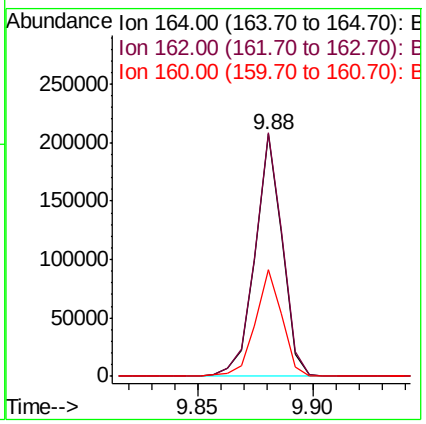


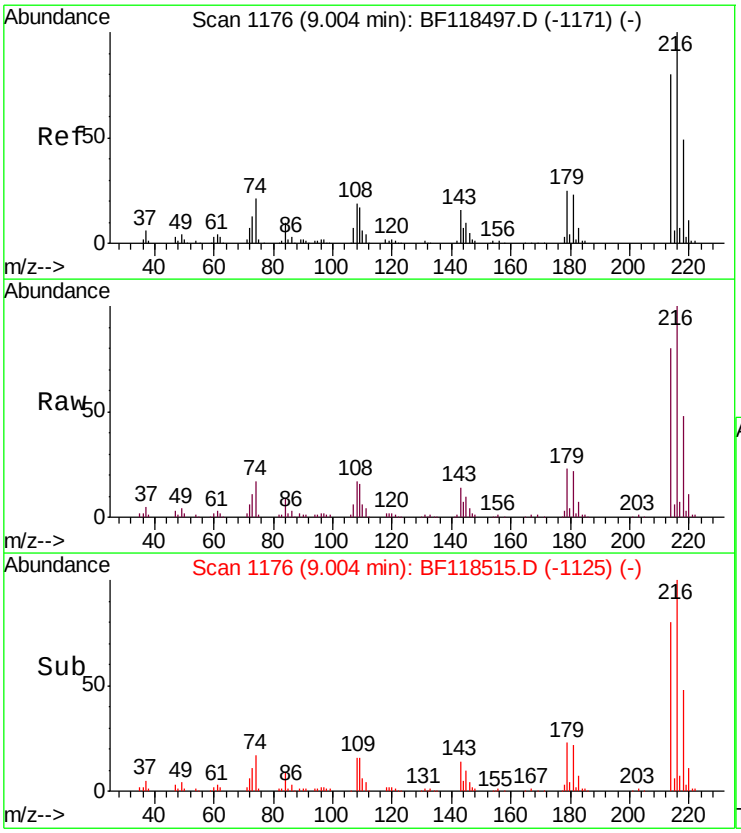
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:164 Resp: 169755

Ion	Ratio	Lower	Upper
164	100		
162	100.7	84.2	126.4
160	44.0	36.8	55.2

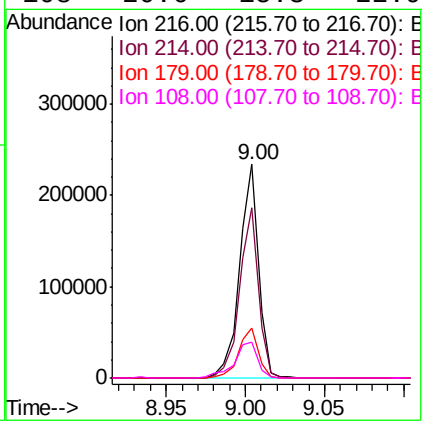


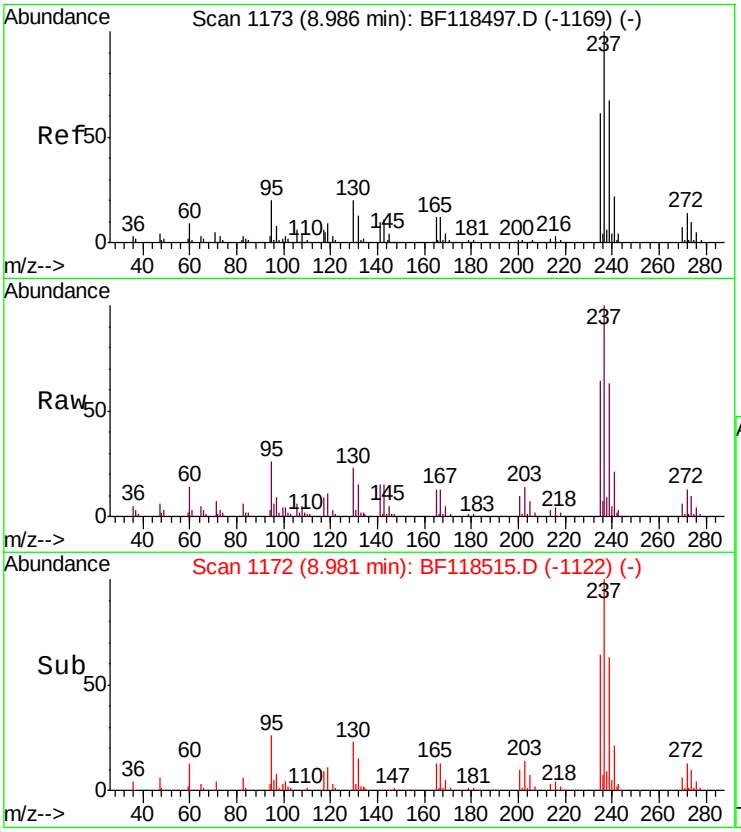


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.200 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:216 Resp: 194027

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.4	93.6
179	23.8	18.7	28.1
108	20.6	15.3	22.9



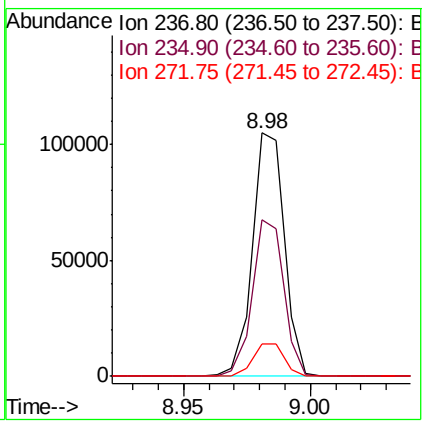


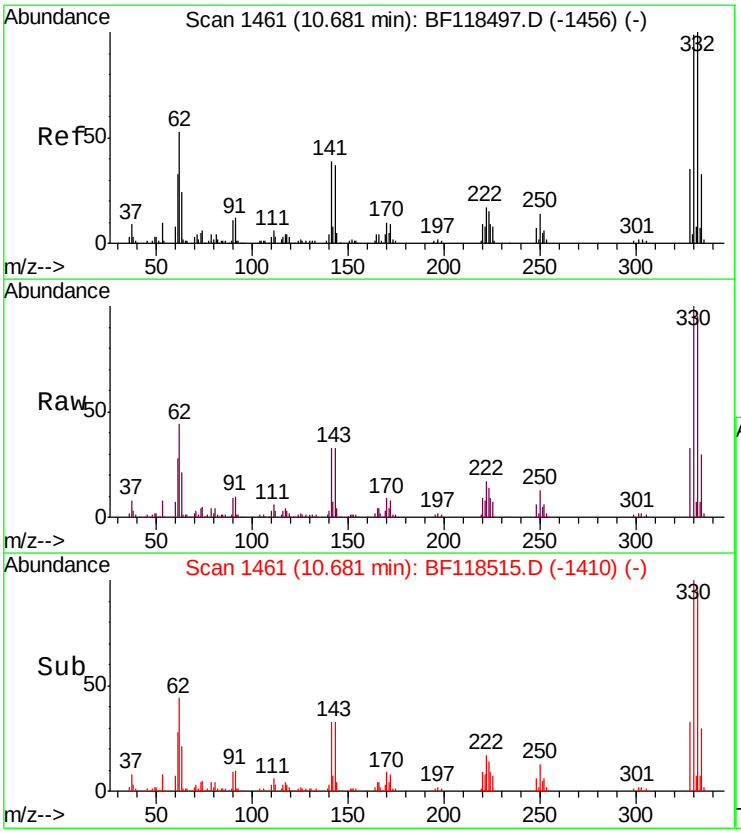
#41
Hexachlorocyclopentadiene
Concen: 67.794 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:237 Resp: 92997

Ion	Ratio	Lower	Upper
237	100		
235	64.1	40.8	80.8
272	13.1	0.0	34.2

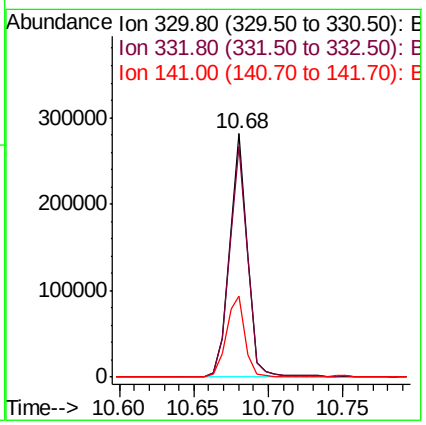


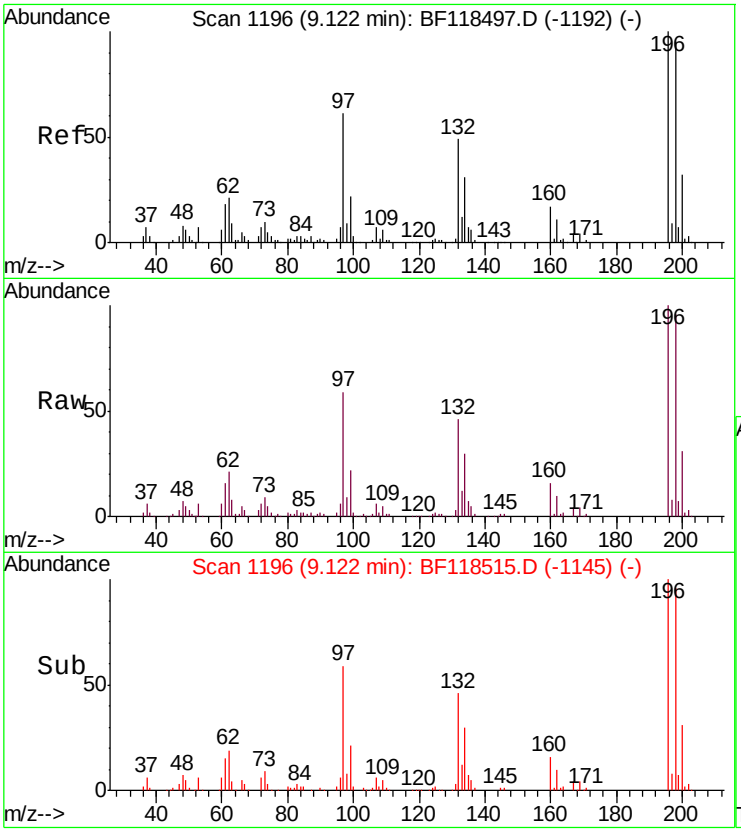


#42
2,4,6-Tribromophenol
Concen: 120.410 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:330 Resp: 241191

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.9	116.9
141	35.2	28.6	43.0



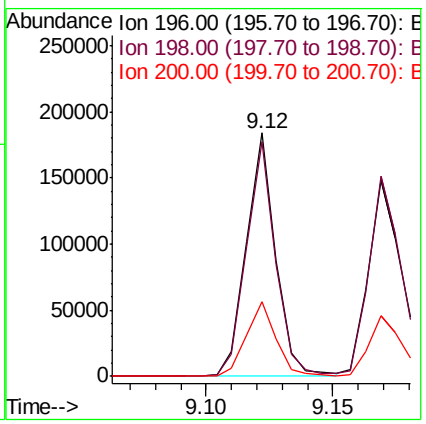


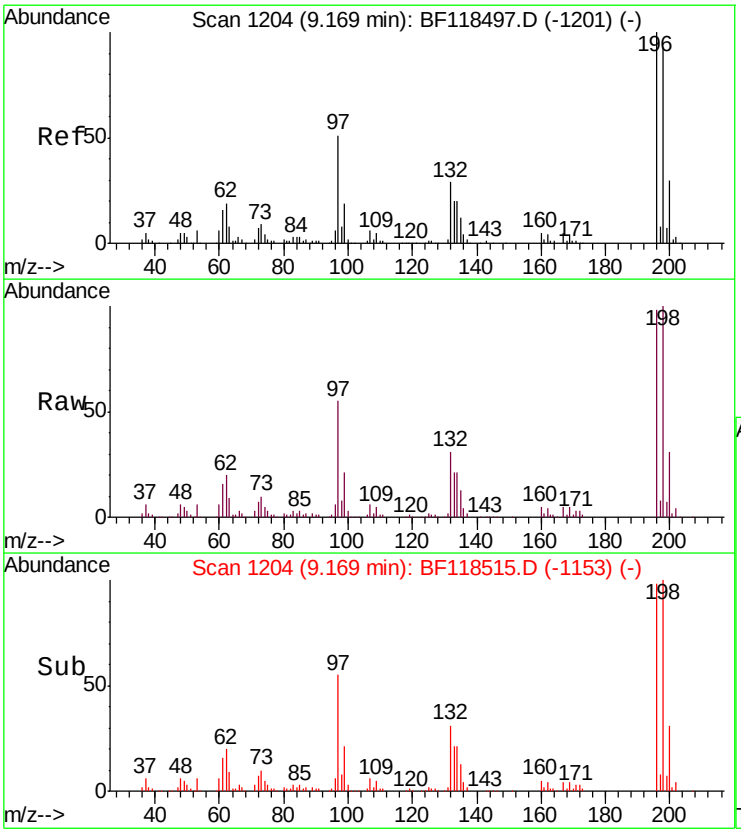
#43
2,4,6-Trichlorophenol
Concen: 46.069 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:196 Resp: 148484

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.4
200	30.7	25.2	37.8

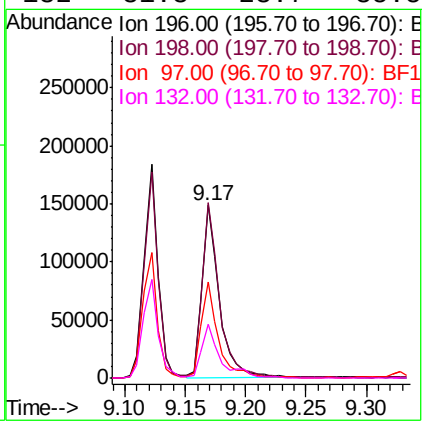


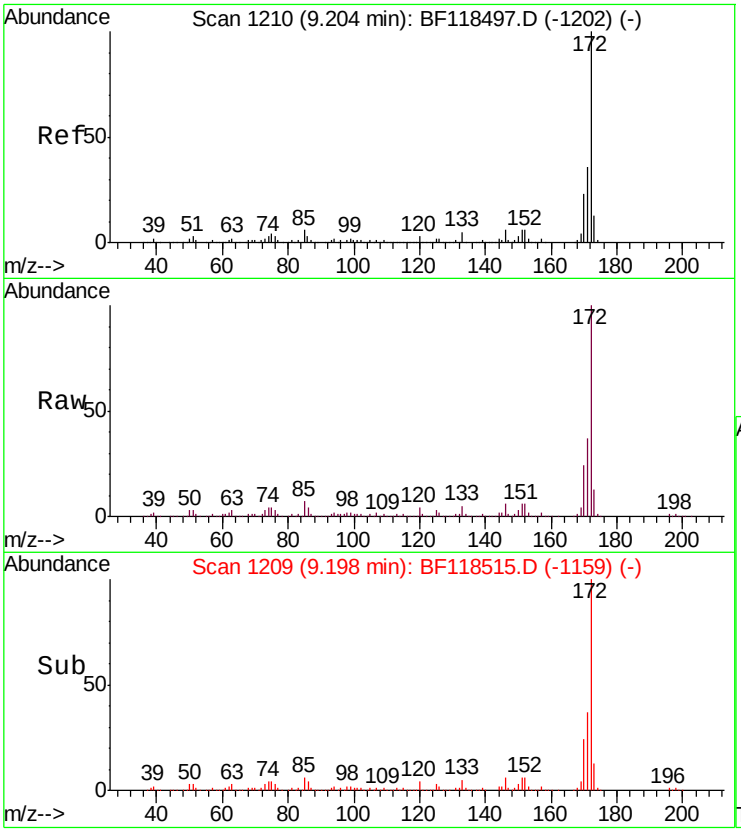


#44
2,4,5-Trichlorophenol
Concen: 44.718 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:196 Resp: 149147

Ion	Ratio	Lower	Upper
196	100		
198	101.5	74.7	112.1
97	55.8	40.7	61.1
132	31.3	23.7	35.5



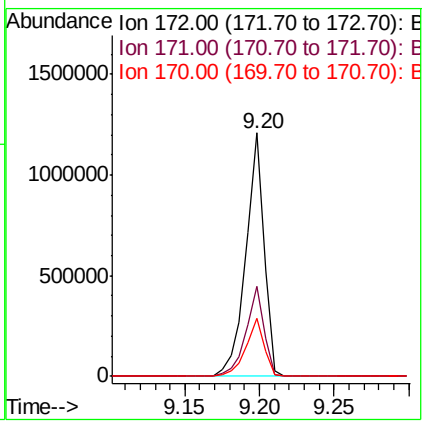


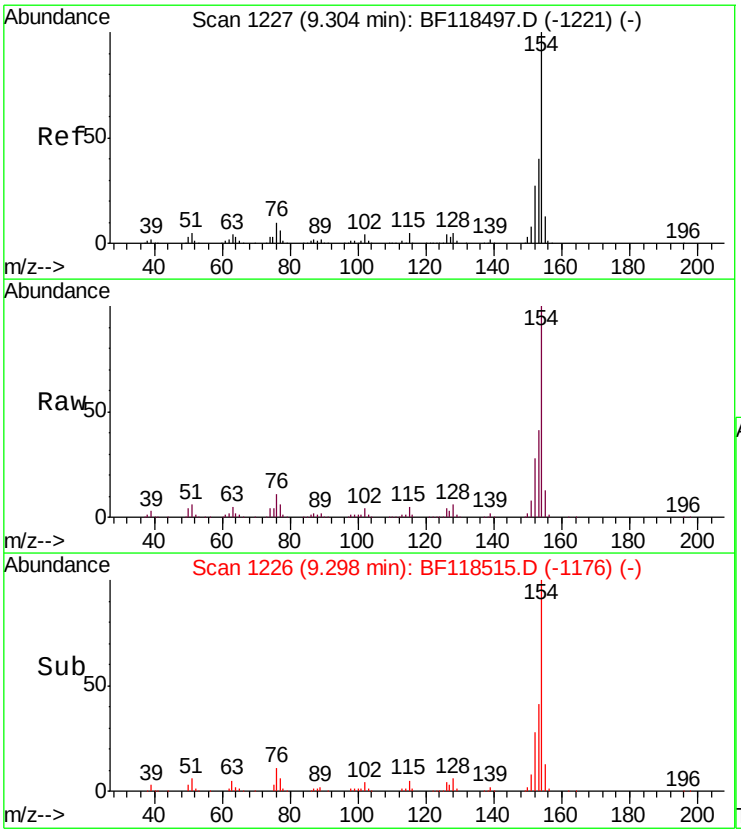
#45
2-Fluorobiphenyl
Concen: 86.282 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:172 Resp: 1021248

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.1	18.6	27.8

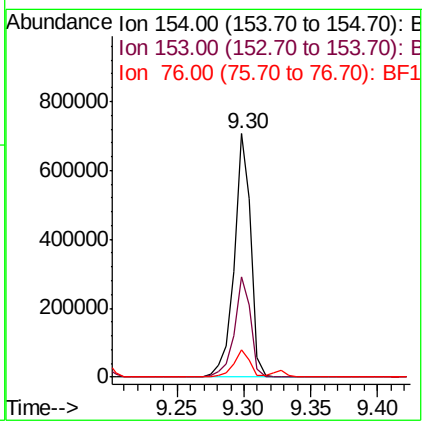


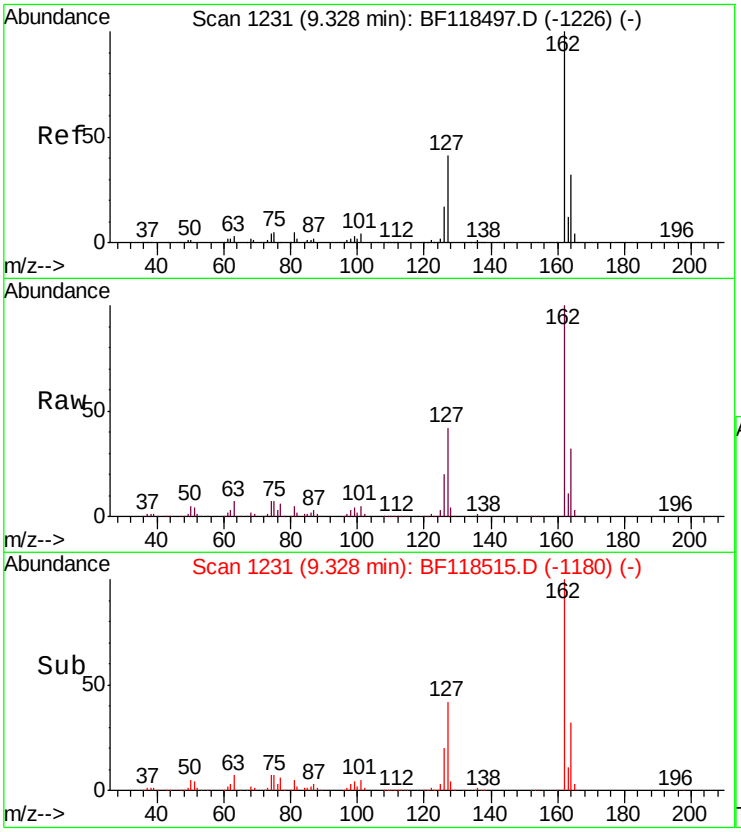


#46
1,1'-Biphenyl
Concen: 44.093 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:154 Resp: 611579

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	11.3	0.0	30.4



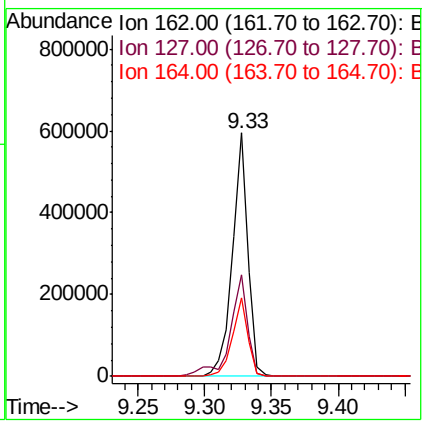


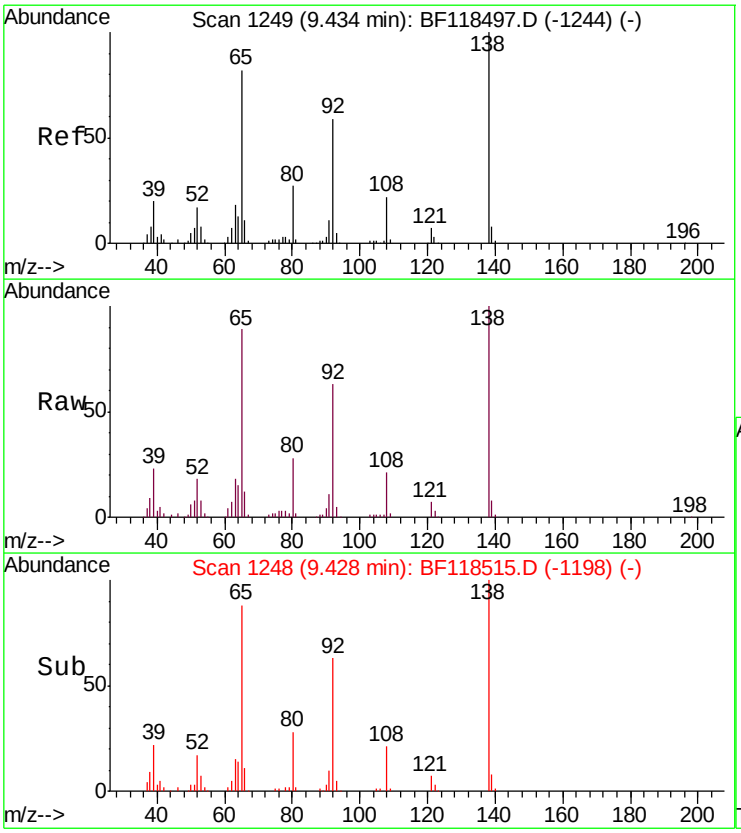
#47
2-Chloronaphthalene
Concen: 44.575 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:162 Resp: 489347

Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.5	53.3
164	32.5	25.8	38.8

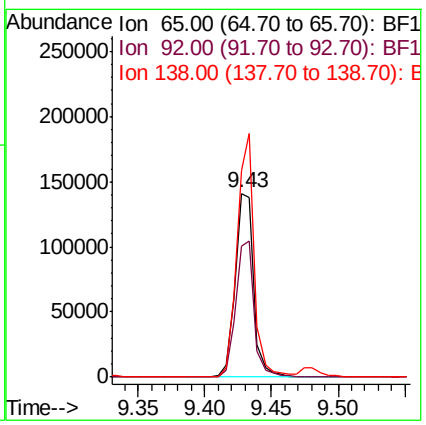


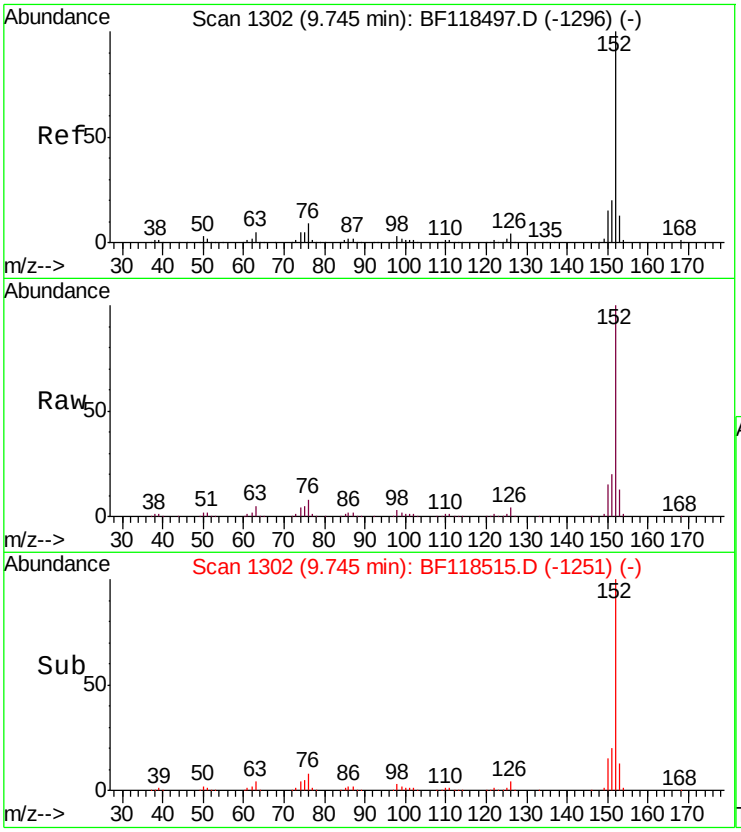


#48
2-Nitroaniline
Concen: 43.305 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion: 65 Resp: 137379

Ion	Ratio	Lower	Upper
65	100		
92	71.2	57.7	86.5
138	112.7	97.2	145.8



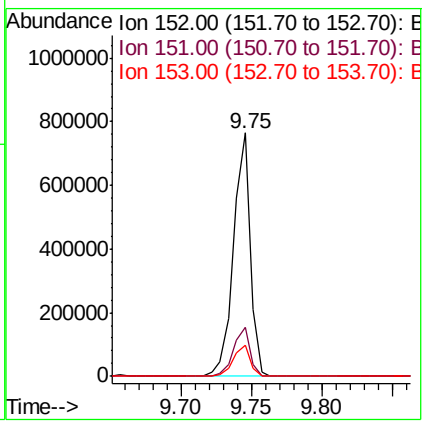


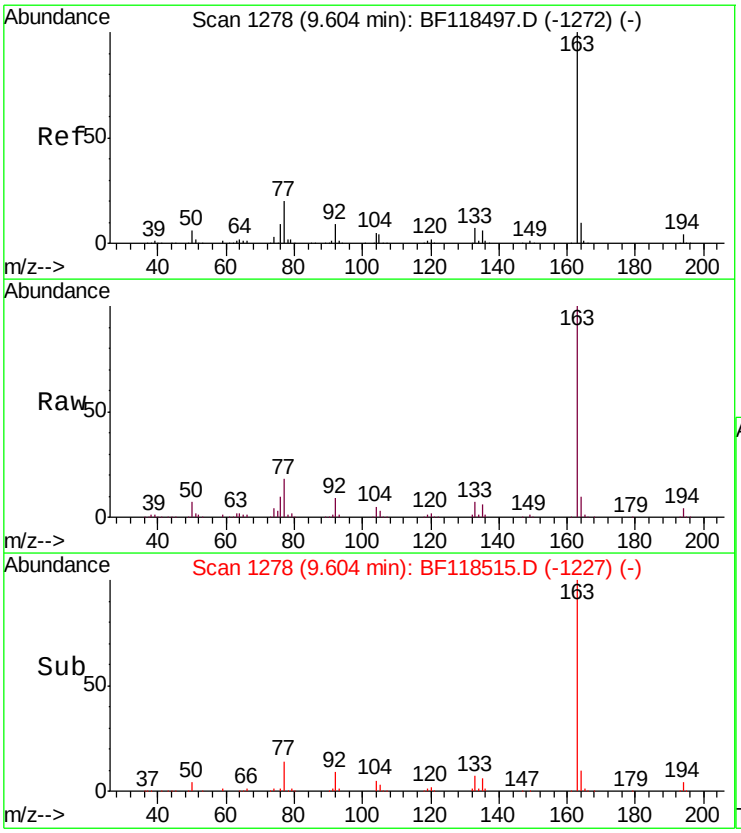
#49
Acenaphthylene
Concen: 38.721 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:152 Resp: 632753

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.0	10.6	16.0

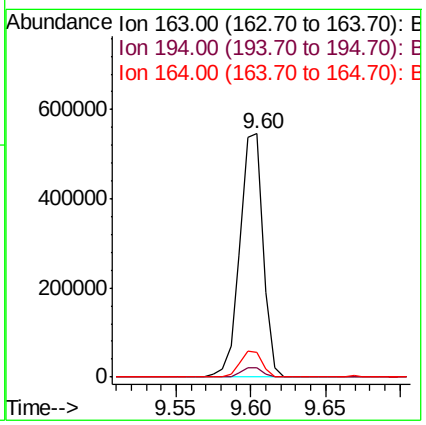


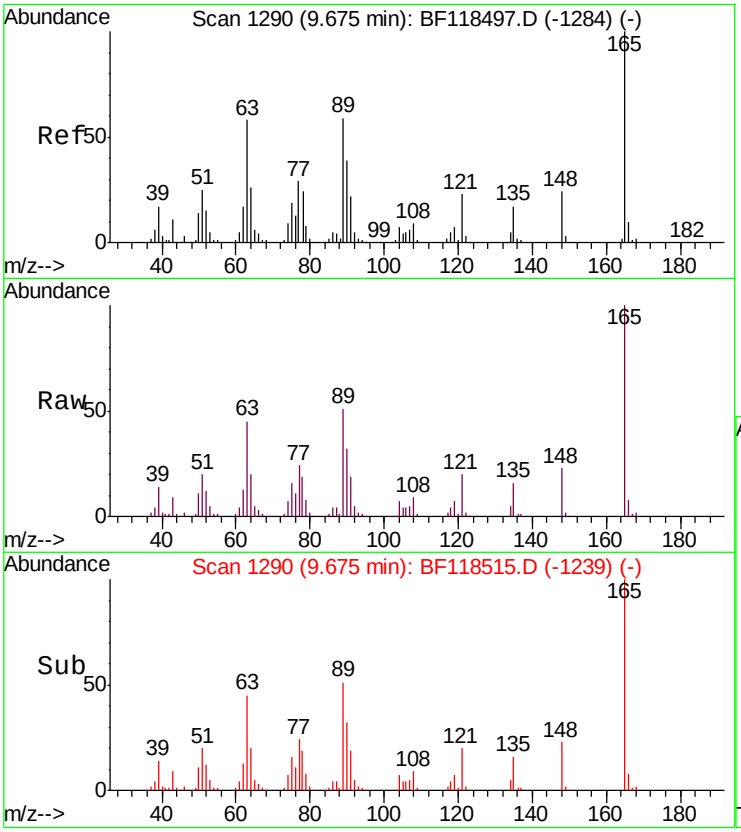


#50
Dimethylphthalate
Concen: 45.220 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:163 Resp: 589167

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	8.1	12.1



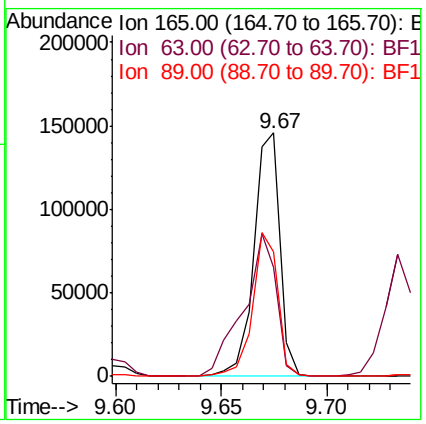


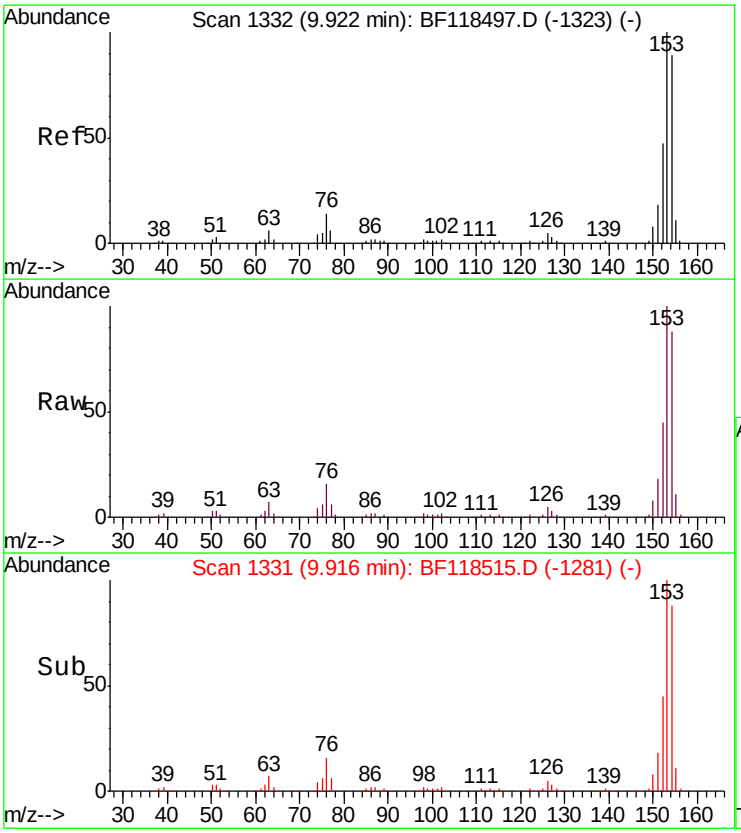
#51
2,6-Dinitrotoluene
Concen: 44.838 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:165 Resp: 125804

Ion	Ratio	Lower	Upper
165	100		
63	44.7	46.6	70.0#
89	51.0	47.5	71.3

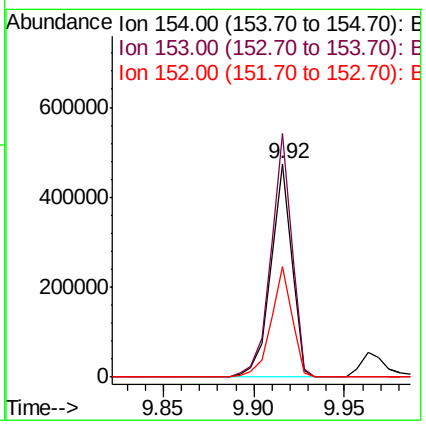


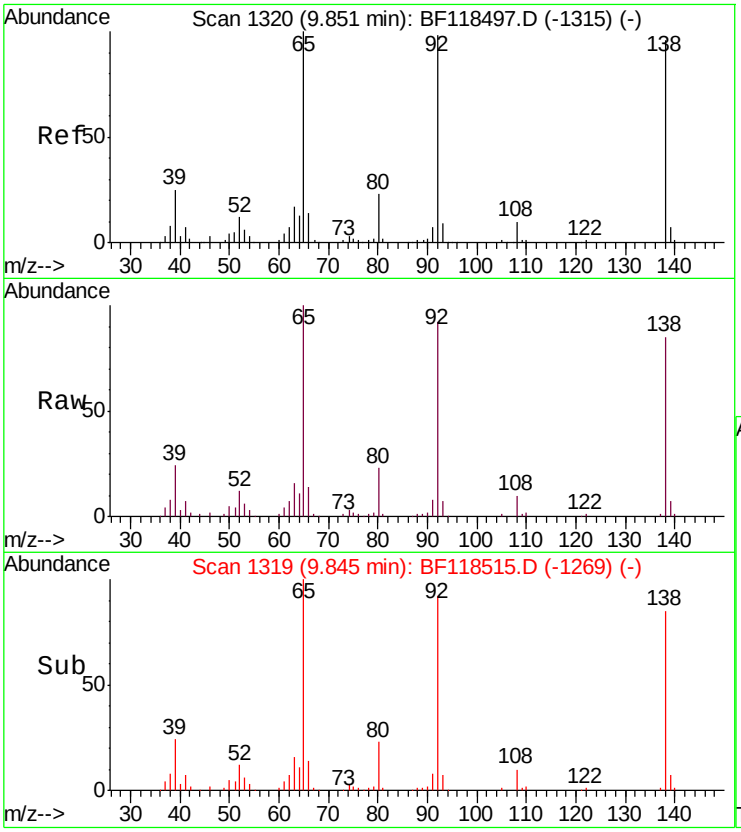


#52
Acenaphthene
Concen: 38.354 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:154 Resp: 382737

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.7	134.5
152	52.0	41.9	62.9



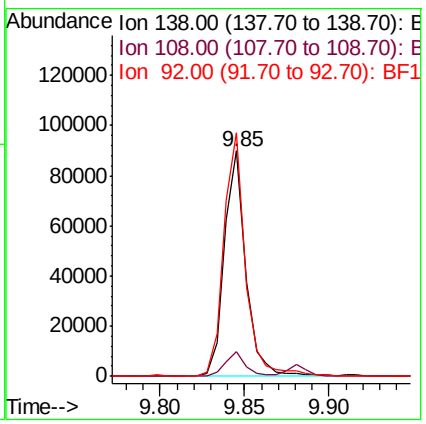


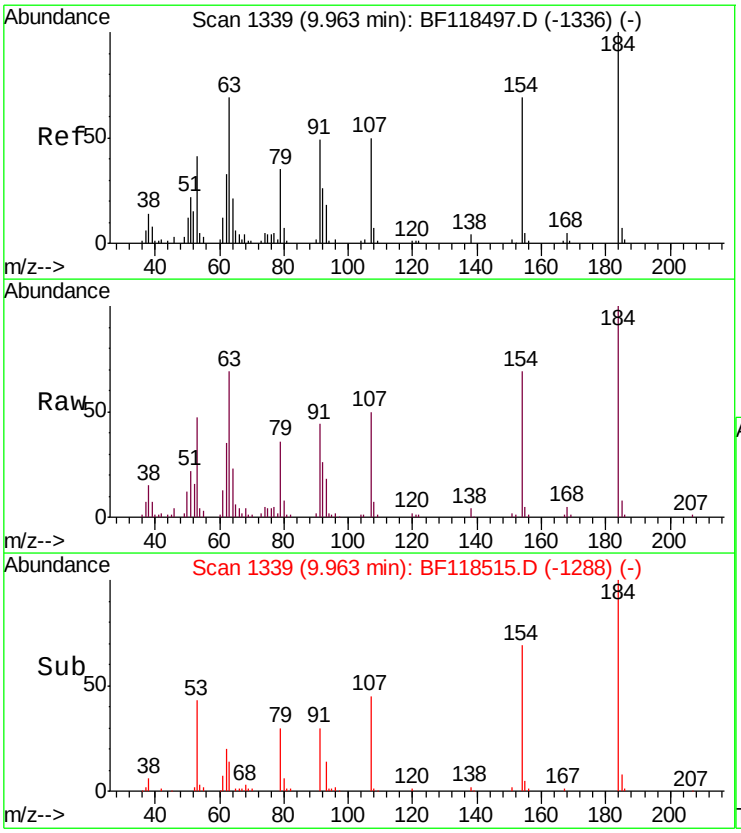
#53
3-Nitroaniline
Concen: 24.236 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:138 Resp: 79654

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.1	12.1
92	108.0	81.6	122.4

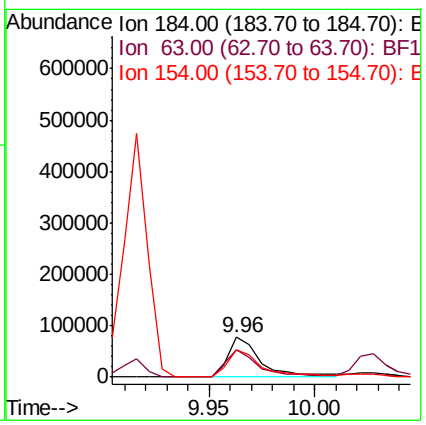


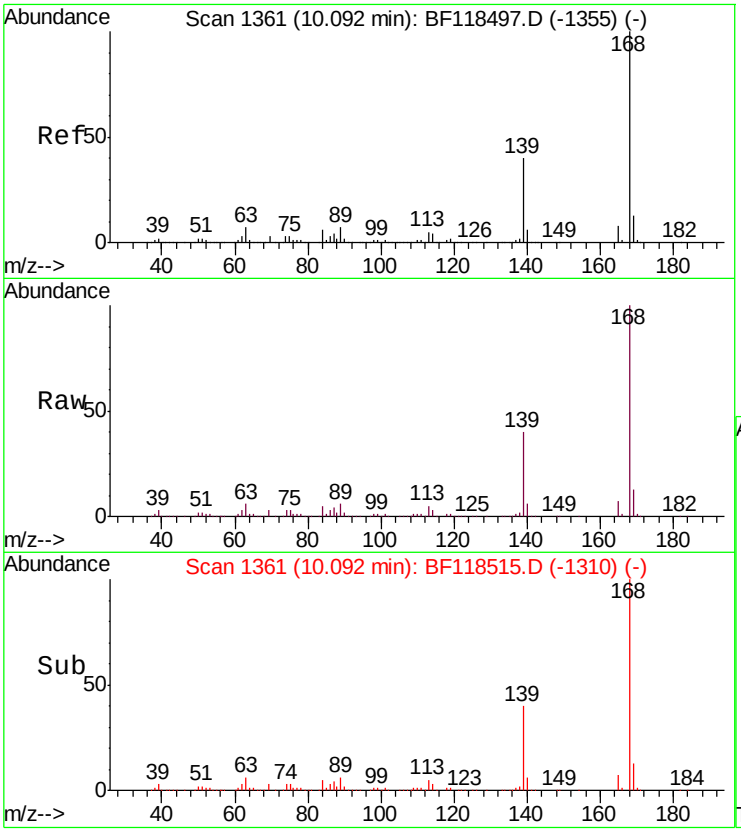


#54
2,4-Dinitrophenol
Concen: 69.193 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:184 Resp: 83820

Ion	Ratio	Lower	Upper
184	100		
63	69.2	55.3	82.9
154	69.2	55.0	82.4



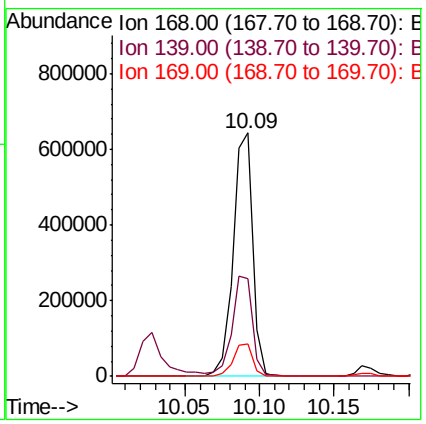


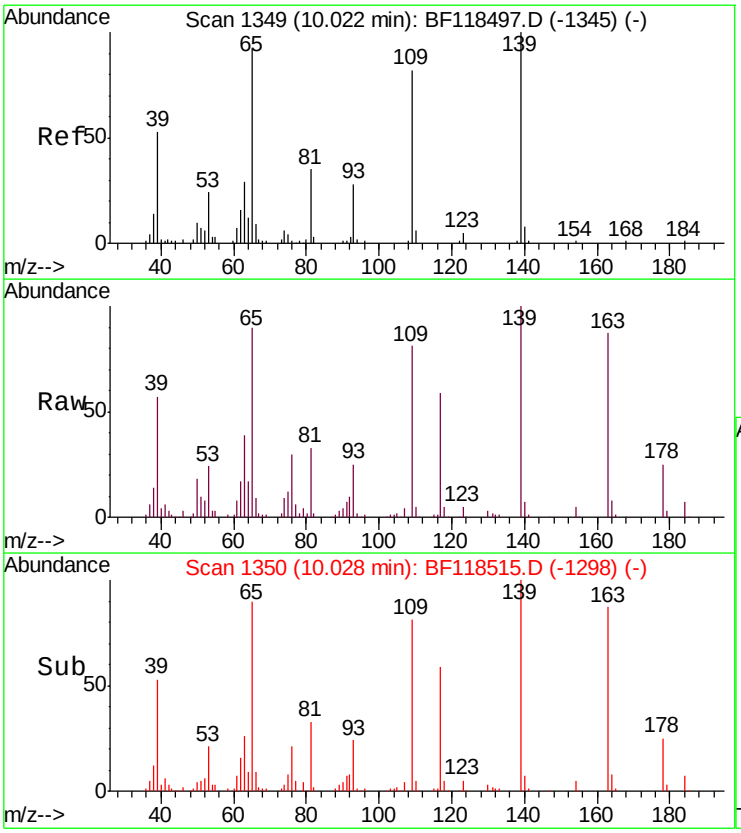
#55
Dibenzofuran
Concen: 39.614 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:168 Resp: 593737

Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.5	48.7
169	13.3	10.6	16.0

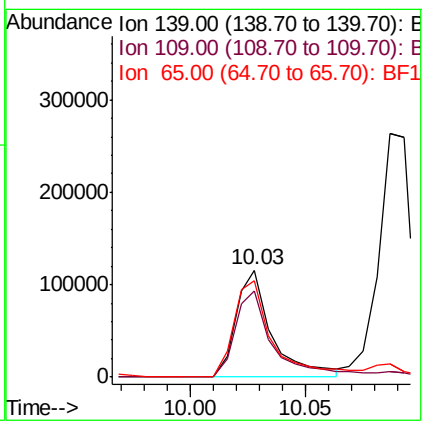


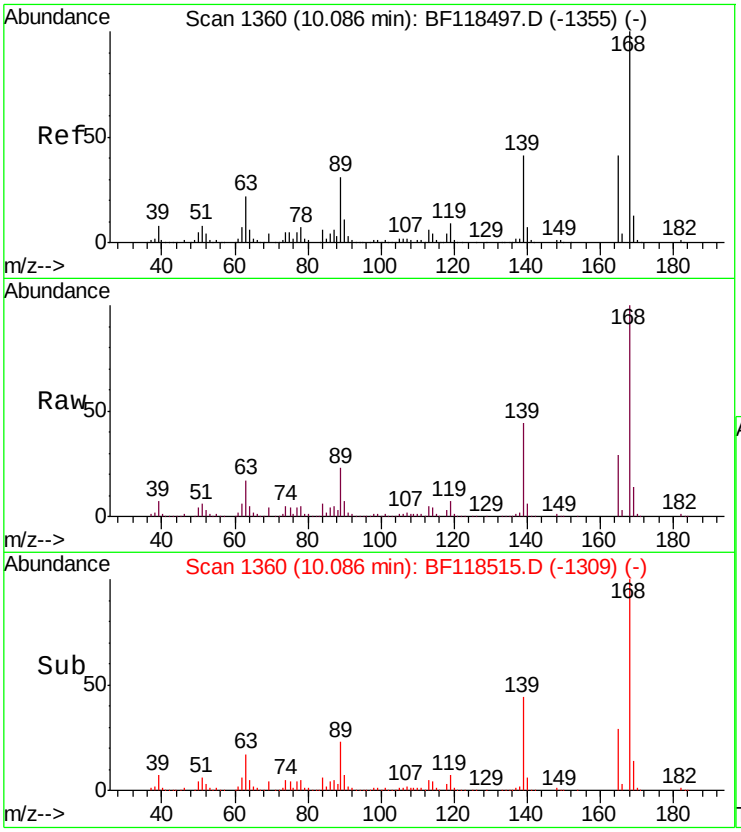


#56
4-Nitrophenol
Concen: 78.875 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:139 Resp: 125869

Ion	Ratio	Lower	Upper
139	100		
109	80.7	62.2	102.2
65	90.2	72.8	112.8



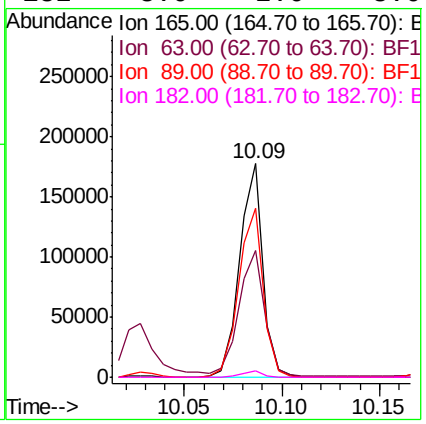


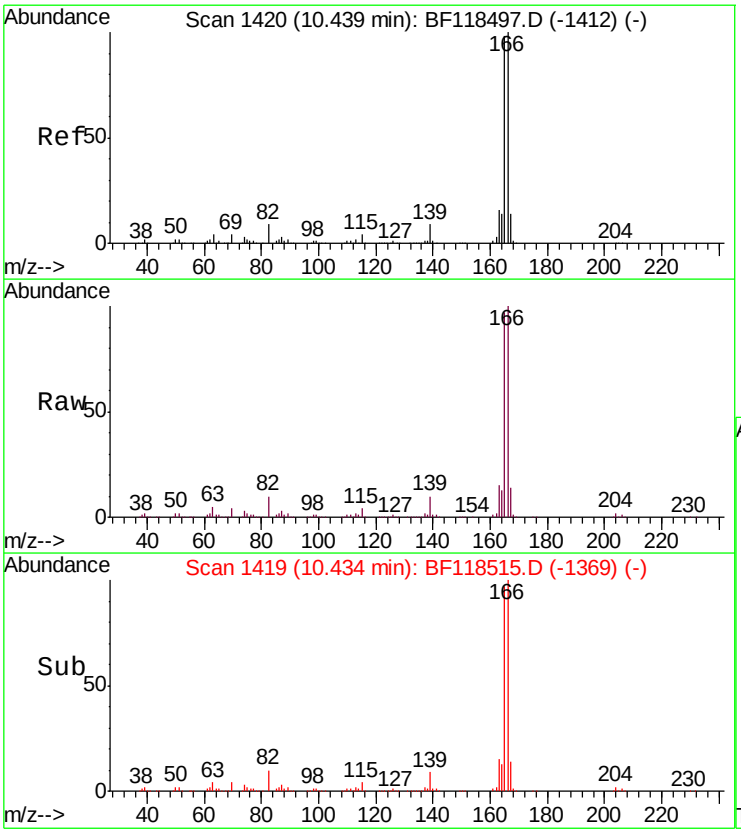
#57
2,4-Dinitrotoluene
Concen: 38.782 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:165 Resp: 145698

Ion	Ratio	Lower	Upper
165	100		
63	59.1	44.1	66.1
89	79.2	60.4	90.6
182	3.0	2.0	3.0

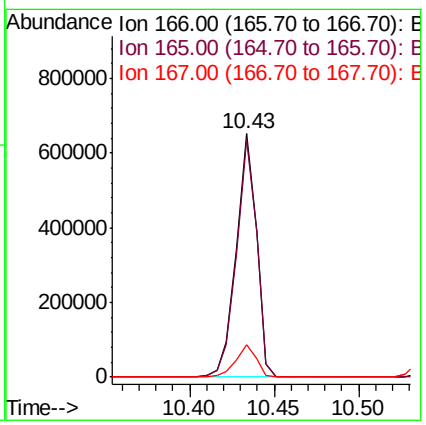


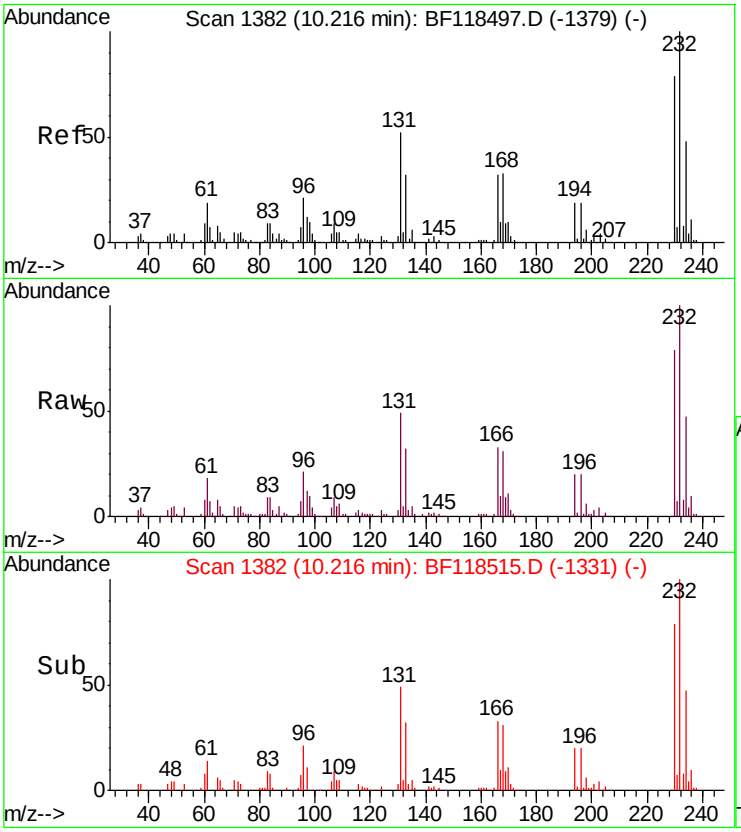


#58
Fluorene
Concen: 45.165 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:166 Resp: 544116

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.5	10.8	16.2



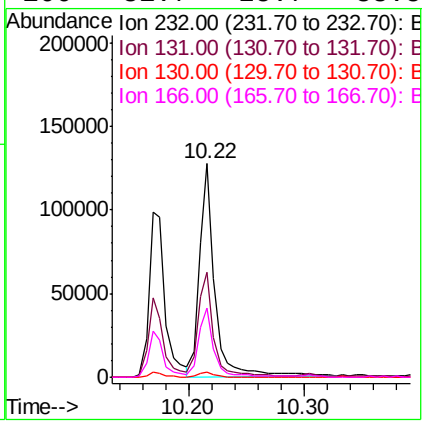


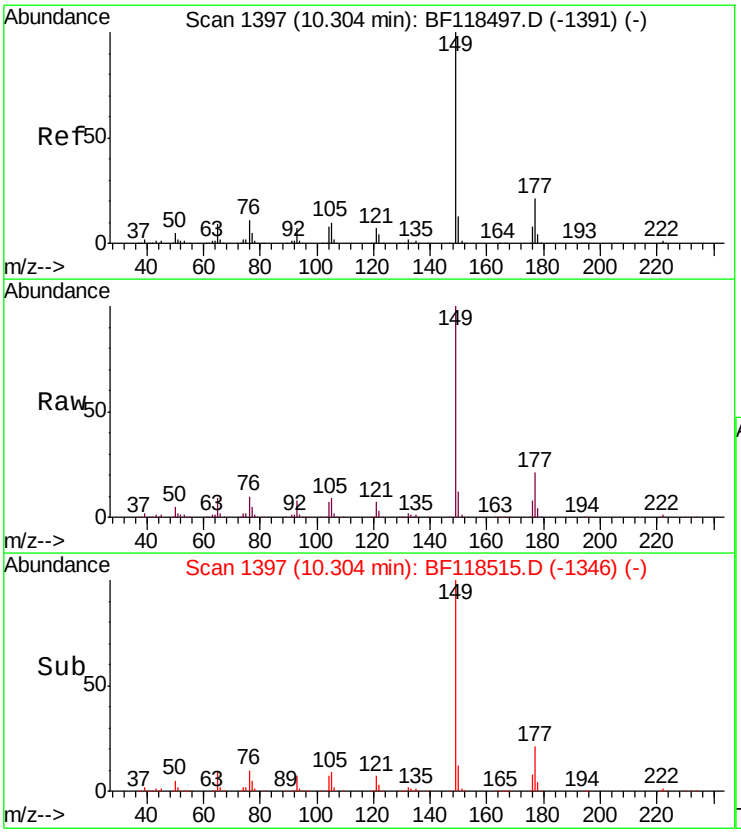
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.776 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:232 Resp: 117832

Ion	Ratio	Lower	Upper
232	100		
131	50.8	42.2	63.4
130	2.5	2.1	3.1
166	31.7	25.7	38.5

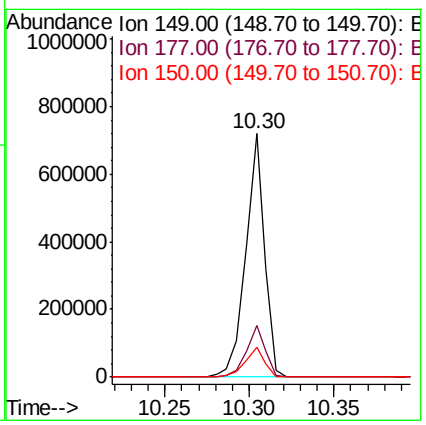


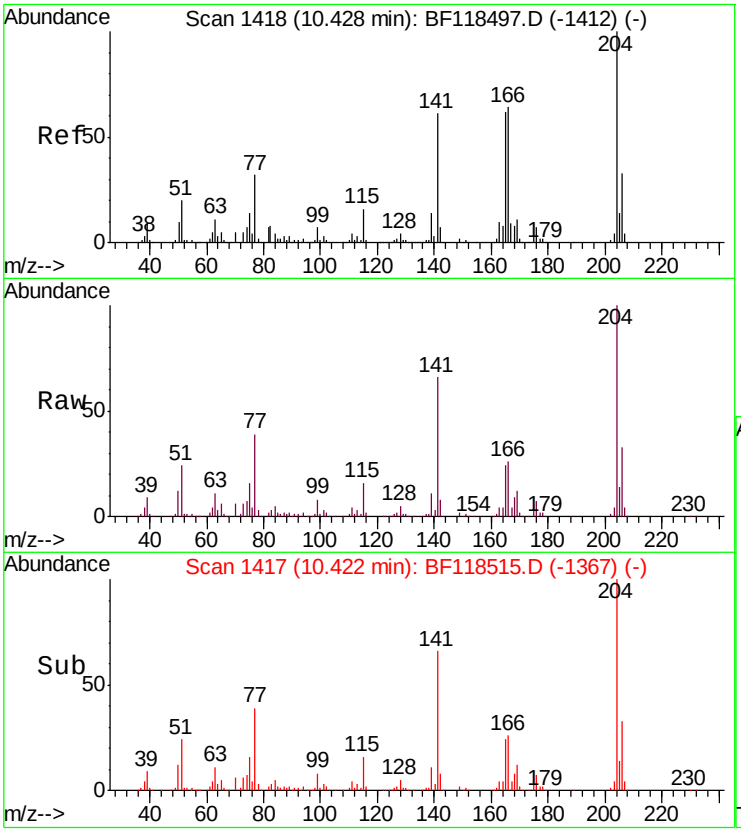


#60
Diethylphthalate
Concen: 42.484 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:149 Resp: 563473

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.5	24.7
150	12.4	10.2	15.2



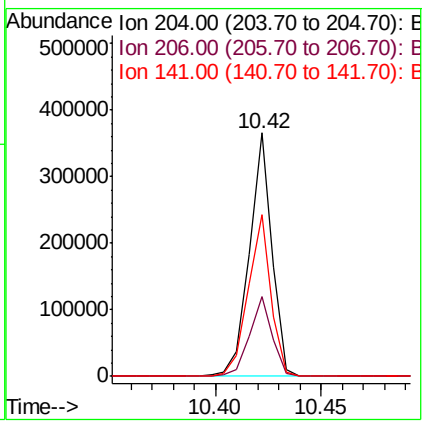


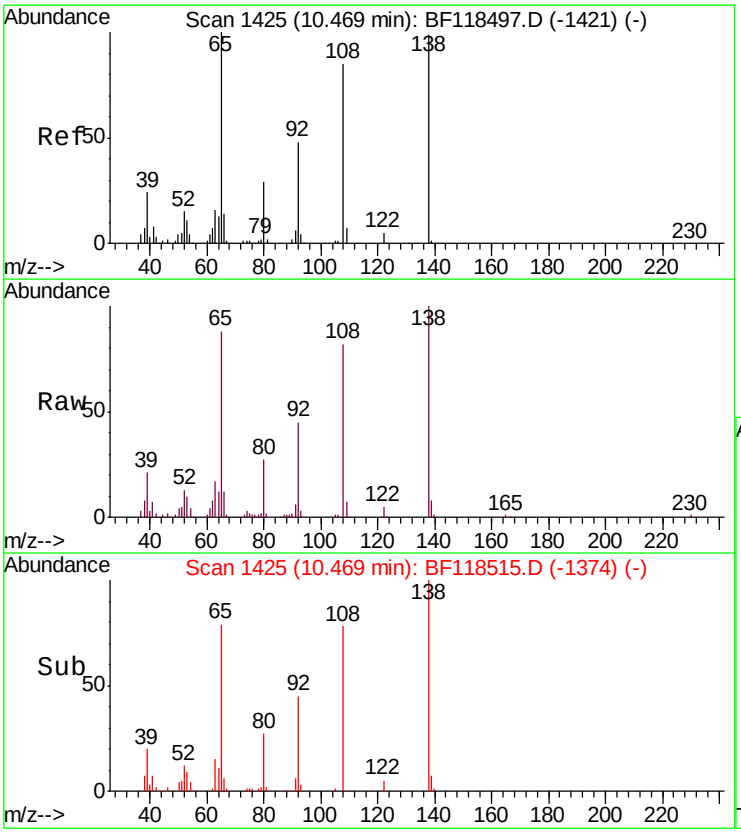
#61
4-Chlorophenyl-phenylether
Concen: 45.192 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:204 Resp: 272031

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	66.3	49.0	73.6

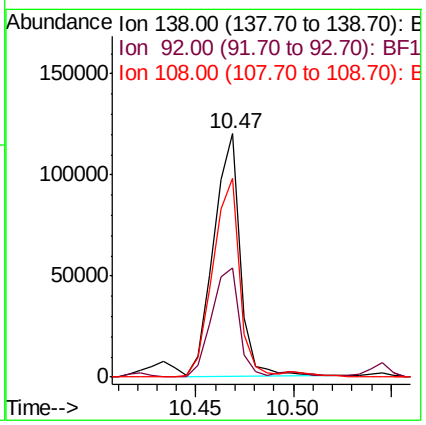


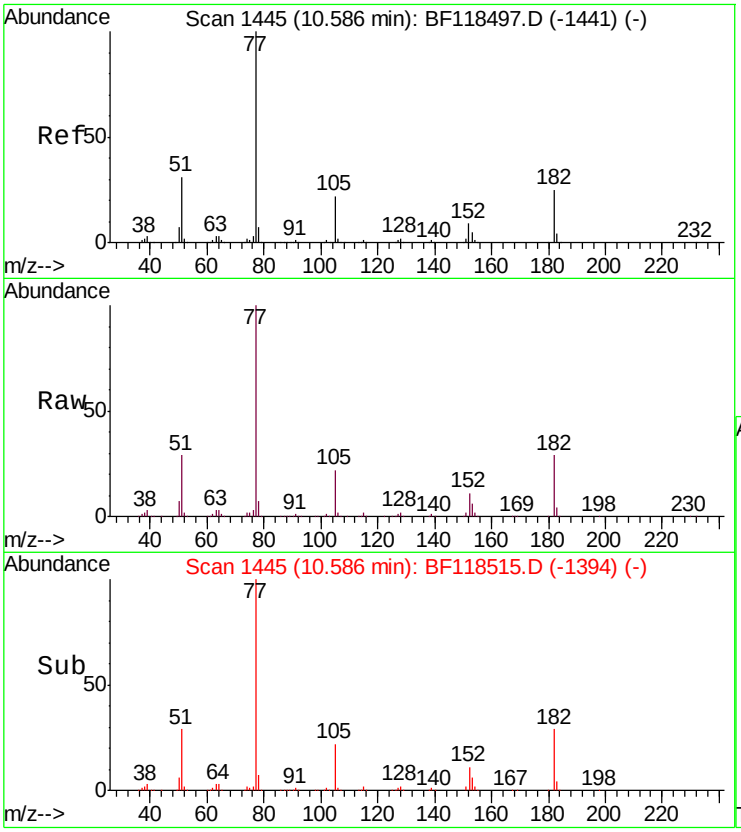


#62
4-Nitroaniline
Concen: 35.085 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:138 Resp: 112908

Ion	Ratio	Lower	Upper
138	100		
92	44.9	27.9	67.9
108	81.9	64.7	104.7



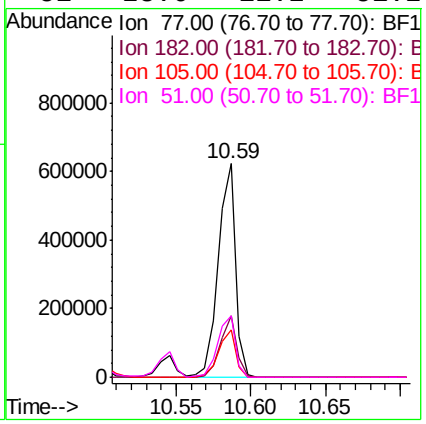


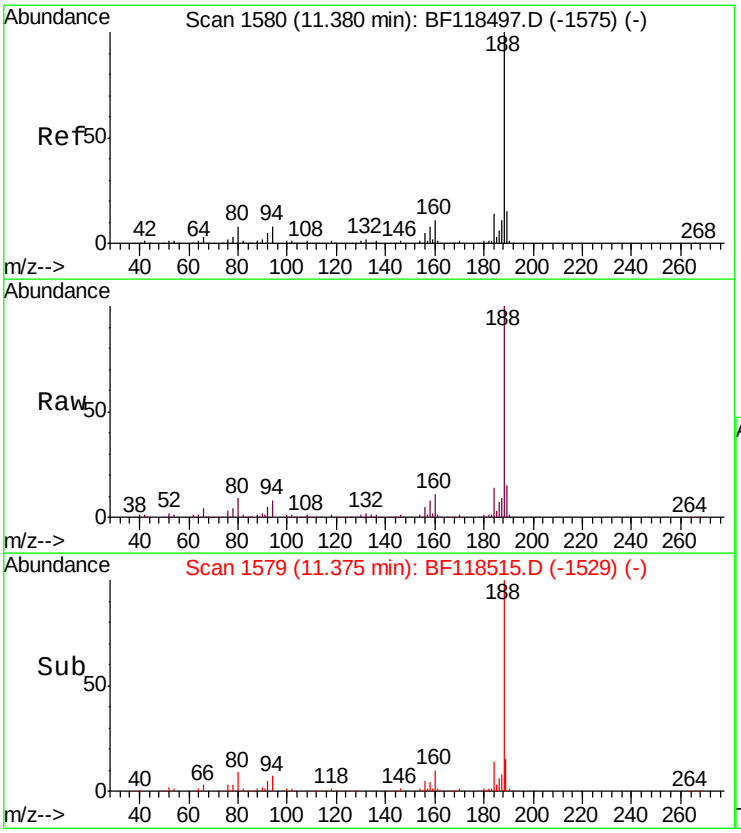
#63
Azobenzene
Concen: 45.216 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion: 77 Resp: 509625

Ion	Ratio	Lower	Upper
77	100		
182	28.7	5.2	45.2
105	22.1	1.7	41.7
51	28.6	11.2	51.2

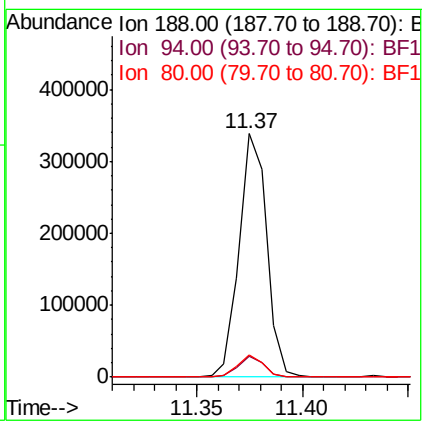


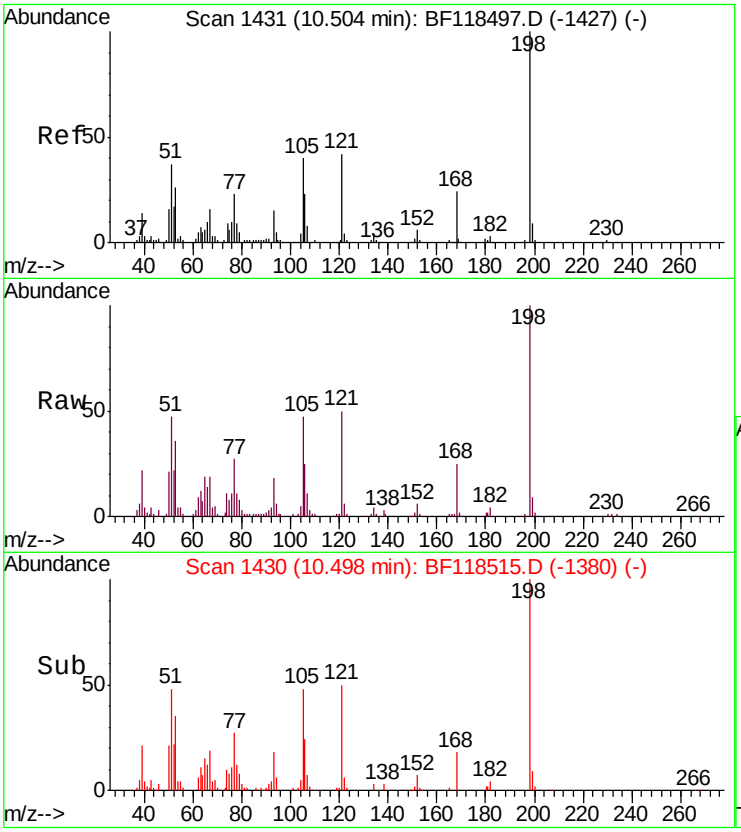


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:188 Resp: 307703

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.4
80	9.1	6.6	10.0



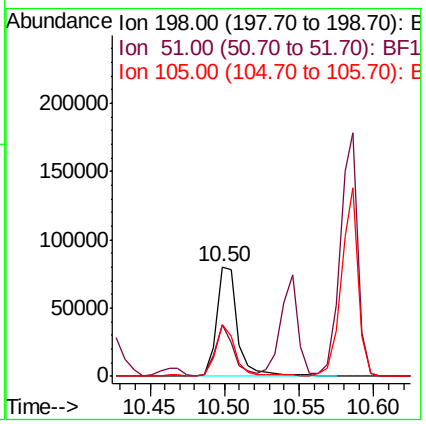


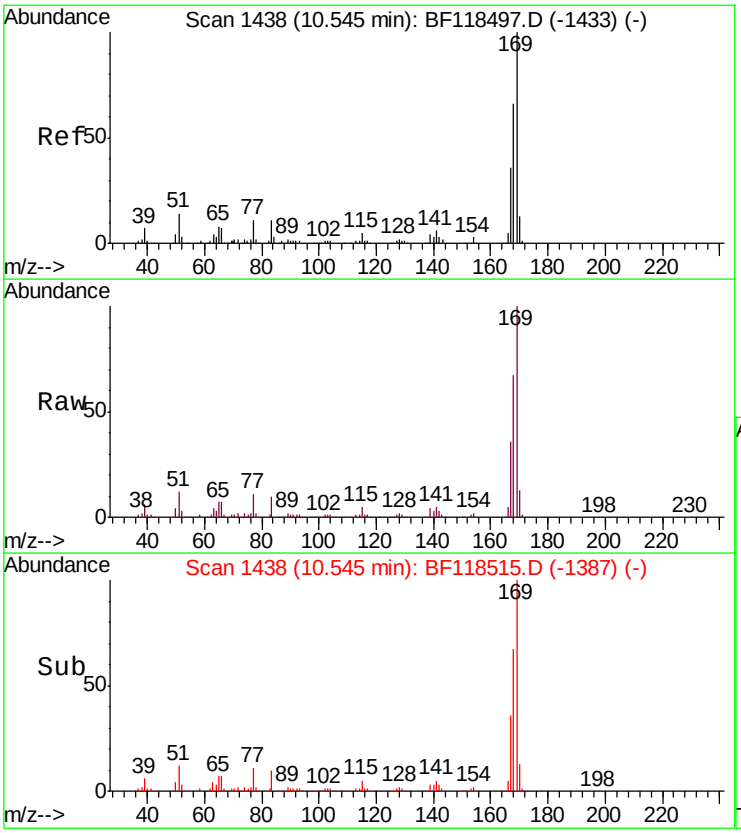
#65
4,6-Dinitro-2-methylphenol
Concen: 49.220 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Tgt Ion:198 Resp: 80063

Ion	Ratio	Lower	Upper
198	100		
51	47.5	17.8	57.8
105	47.5	20.1	60.1





#66
n-Nitrosodiphenylamine
Concen: 48.348 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF118515.D
Acq: 10 Jan 2020 15:06

Tgt Ion:169 Resp: 484473

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.2
167	35.6	28.9	43.3