Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118569.D
Acq On : 17 Jan 2020 20:27
Operator : JU
Sample : L1005-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-011420MSD

Quant Time: Jan 18 01:06:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	339992	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1264871	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	687693	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1279856	20.00	ng		0.00
76) Chrysene-d12	14.05	240	991701	20.00	ng		0.00
87) Perylene-d12	15.52	264	923227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2772217	150.66	ng		0.01
7) Phenol-d6	6.52	99	3451610	143.16	ng		0.00
23) Nitrobenzene-d5	7.45	82	2368942	115.67	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1238602	162.92	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4260244	111.84	ng		0.00
79) Terphenyl-d14	13.00	244	4933222	98.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	419943	47.497	ng	#	83
3) Pyridine	3.61	79	661115	27.075	ng		99
4) n-Nitrosodimethylamine	3.47	42	549948	49.104	ng	#	98
6) Aniline	6.55	93	368220	11.668	ng		99
8) 2-Chlorophenol	6.67	128	1106994	52.897	ng		99
9) Benzaldehyde	6.43	77	170731	13.833	ng		100
10) Phenol	6.53	94	1255608	47.466	ng		100
11) bis(2-Chloroethyl)ether	6.62	93	1084323	51.179	ng		99
12) 1,3-Dichlorobenzene	6.83	146	1218024	48.944	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1242161	49.685	ng		98
14) 1,2-Dichlorobenzene	7.06	146	1172044	50.106	ng		97
15) Benzyl Alcohol	7.03	79	978379	49.446	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1441083	46.366	ng		99
17) 2-Methylphenol	7.13	107	906715	51.044	ng		98
18) Hexachloroethane	7.40	117	442056	48.520	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	858781	49.669	ng		98
20) 3+4-Methylphenols	7.29	107	1155739	54.408	ng		94
22) Acetophenone	7.30	105	1542154	50.242	ng	#	95
24) Nitrobenzene	7.47	77	1211501	55.626	ng		99
25) Isophorone	7.71	82	2190225	49.276	ng		99
26) 2-Nitrophenol	7.79	139	523702	54.647	ng		96
27) 2,4-Dimethylphenol	7.82	122	1052179	59.521	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1345315	47.108	ng		99
29) 2,4-Dichlorophenol	8.03	162	992328	50.999	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	1082067	47.719	ng		99
31) Naphthalene	8.19	128	3162625	53.019	ng		99
32) Benzoic acid	7.93	122	560014	46.531	ng		99
33) 4-Chloroaniline	8.24	127	57206	2.064	ng		96
34) Hexachlorobutadiene	8.32	225	640447	45.281	ng		100
35) Caprolactam	8.60	113	126789	20.946	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	982956	50.960	ng		98
37) 2-Methylnaphthalene	8.89	142	2220663	52.547	ng		100
38) 1-Methylnaphthalene	8.99	142	2089335	52.259	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1092752	49.265	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118569.D
Acq On : 17 Jan 2020 20:27
Operator : JU
Sample : L1005-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-011420MSD

Quant Time: Jan 18 01:06:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1373366	118.504	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	823040	58.238	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	709329	49.645	ng		96
46) 1,1'-Biphenyl	9.35	154	2636245	53.650	ng		98
47) 2-Chloronaphthalene	9.37	162	2105129	50.828	ng		98
48) 2-Nitroaniline	9.46	65	596715	55.395	ng		98
49) Acenaphthylene	9.79	152	3159112	54.022	ng		99
50) Dimethylphthalate	9.65	163	2168026	45.916	ng		99
51) 2,6-Dinitrotoluene	9.70	165	548214	60.852	ng		95
52) Acenaphthene	9.96	154	2171445	56.682	ng		99
53) 3-Nitroaniline	9.87	138	116274	11.393	ng		91
54) 2,4-Dinitrophenol	9.97	184	448632	111.873	ng	#	1
55) Dibenzofuran	10.13	168	2923033	53.918	ng		97
56) 4-Nitrophenol	10.03	139	921989	122.298	ng		97
57) 2,4-Dinitrotoluene	10.11	165	663561	55.055	ng		96
58) Fluorene	10.48	166	2300941	54.809	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	657569	53.795	ng		98
60) Diethylphthalate	10.35	149	2390964	51.869	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	1220350	53.135	ng		99
62) 4-Nitroaniline	10.49	138	406111	40.066	ng		97
63) Azobenzene	10.63	77	2323161	51.710	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	320197	58.743	ng		91
66) n-Nitrosodiphenylamine	10.59	169	1911587	46.483	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	822161	47.989	ng	#	94
68) Hexachlorobenzene	11.03	284	893748	47.076	ng		97
69) Atrazine	11.11	200	516583	43.530	ng		100
70) Pentachlorophenol	11.22	266	1058662	113.462	ng		99
71) Phenanthrene	11.44	178	3302392	51.334	ng		100
72) Anthracene	11.49	178	3351381	52.215	ng		100
73) Carbazole	11.64	167	2779894	48.023	ng		99
74) Di-n-butylphthalate	11.97	149	3564225	49.547	ng		100
75) Fluoranthene	12.63	202	3491908	50.474	ng		98
77) Benzidine	12.74	184	10332	0.429	ng	#	90
78) Pyrene	12.86	202	3539321	47.818	ng		99
80) Butylbenzylphthalate	13.47	149	1557282	49.083	ng		94
81) Benzo(a)anthracene	14.04	228	3106747	49.631	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	174279	7.936	ng		97
83) Chrysene	14.07	228	3039708	50.485	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2089674	53.063	ng		99
85) Di-n-octyl phthalate	14.64	149	3413721	56.607	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3353490	56.598	ng		100
88) Benzo(b)fluoranthene	15.09	252	3022812	50.271	ng		100
89) Benzo(k)fluoranthene	15.12	252	2967522	54.607	ng		99
90) Benzo(a)pyrene	15.46	252	2636628	50.393	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	2810831	57.520	ng		99
92) Benzo(g,h,i)perylene	17.45	276	2769964	58.682	ng		99

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

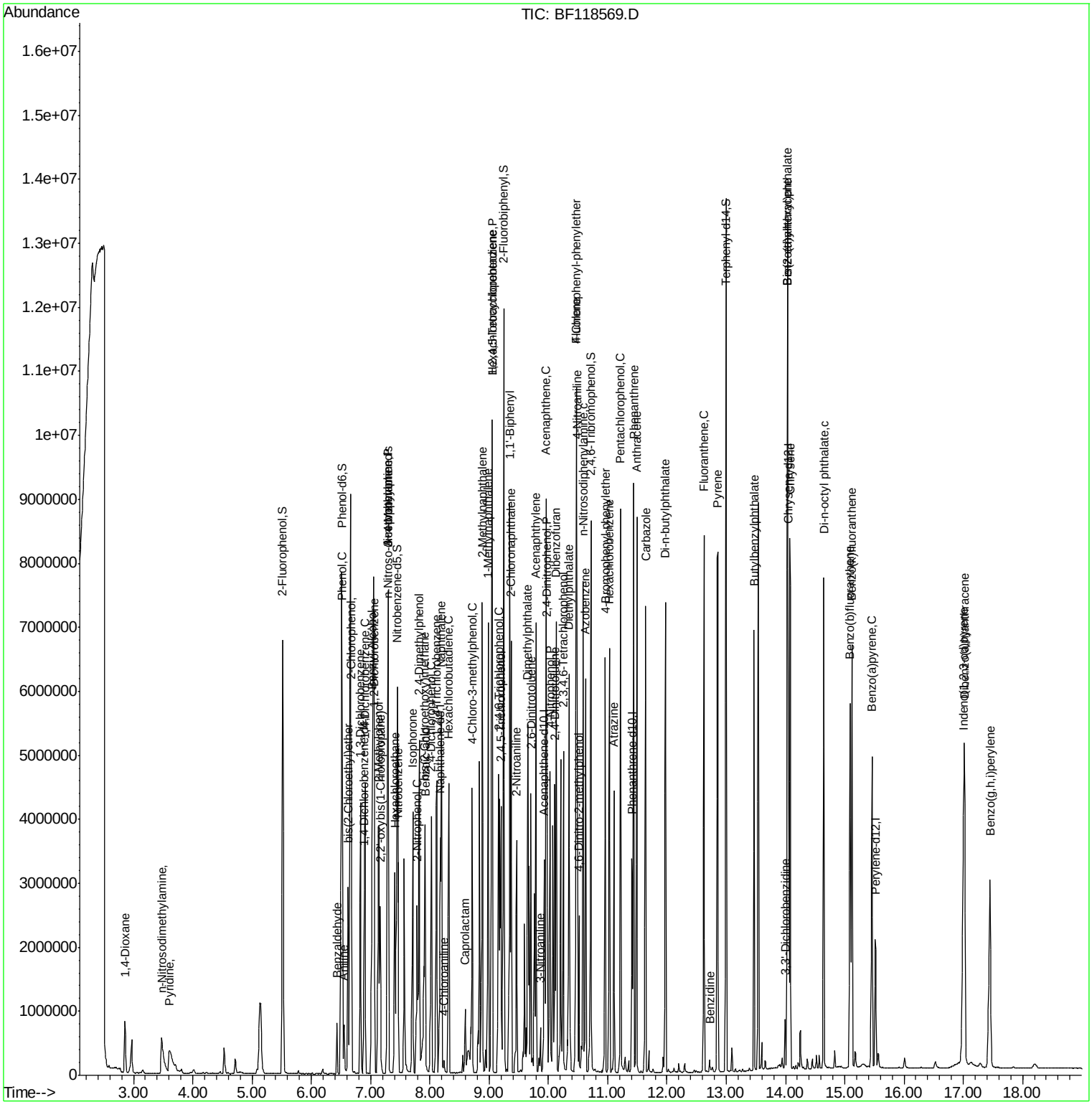
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

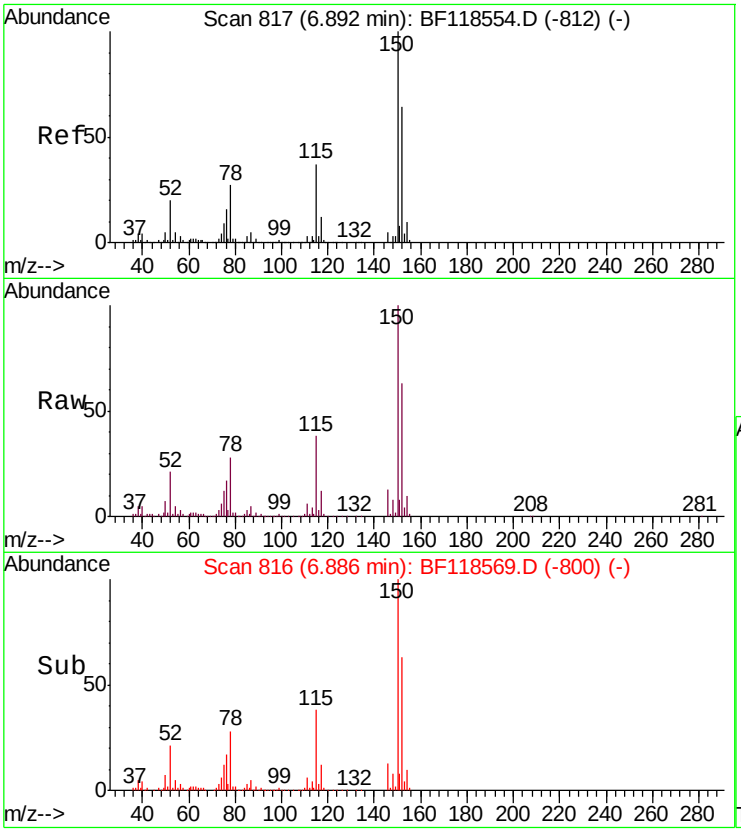
Quantitation Report (Not Reviewed)

Data File : BF118569.D
Acq On : 17 Jan 2020 20:27
Operator : JU
Sample : L1005-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Quant Time: Jan 18 01:06:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration



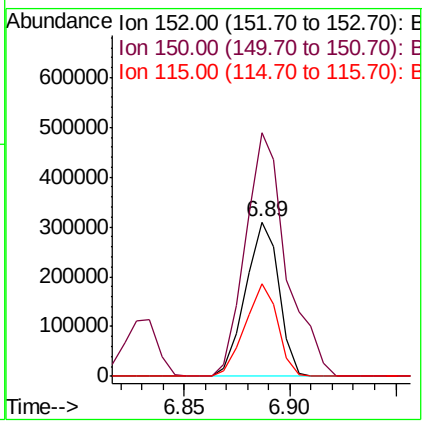


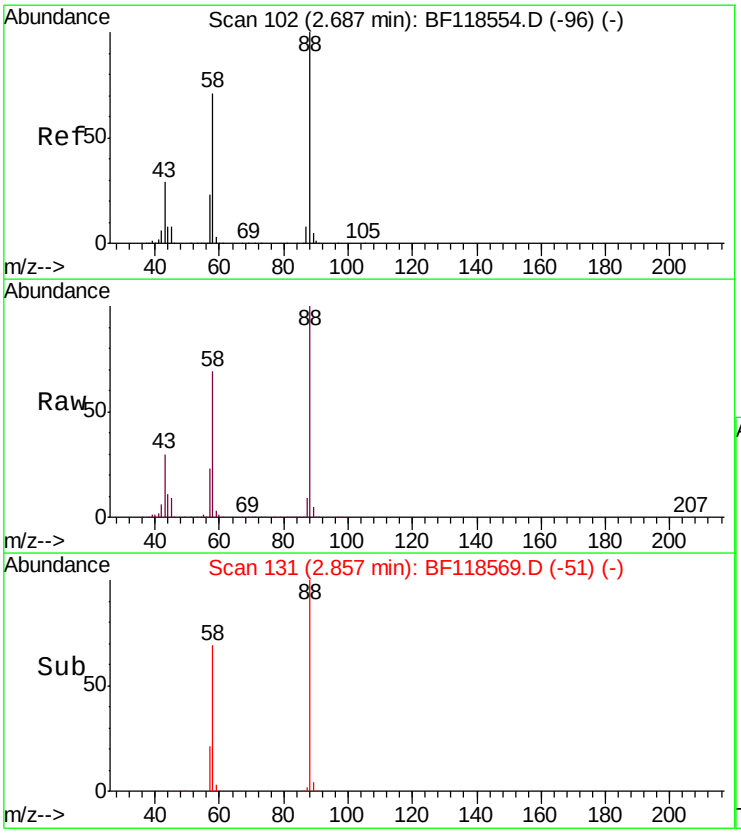
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:152 Resp: 339992

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.9	187.3
115	59.7	45.8	68.6

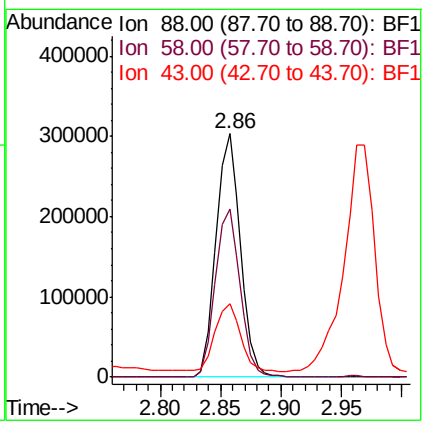


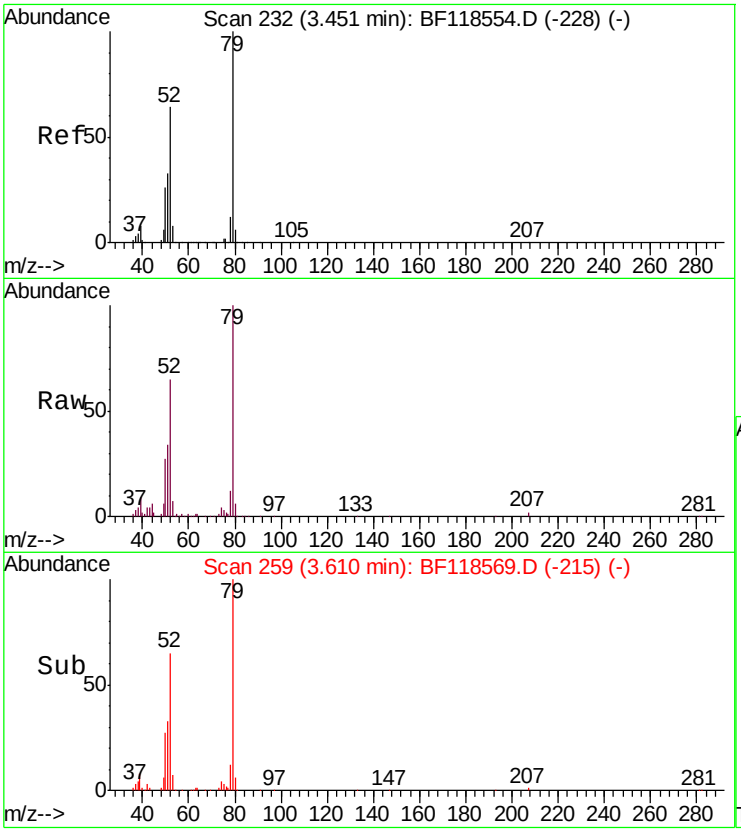


#2
1,4-Dioxane
Concen: 47.497 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.17 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 88 Resp: 419943

Ion	Ratio	Lower	Upper
88	100		
58	69.9	56.7	85.1
43	0.0	23.3	34.9#



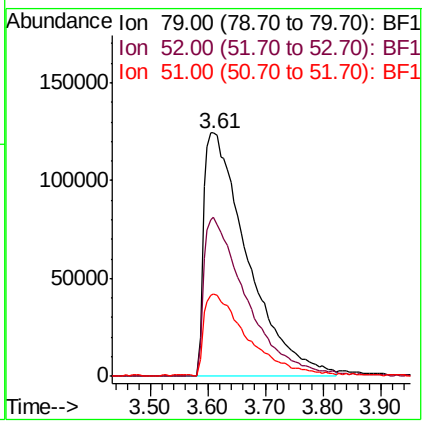


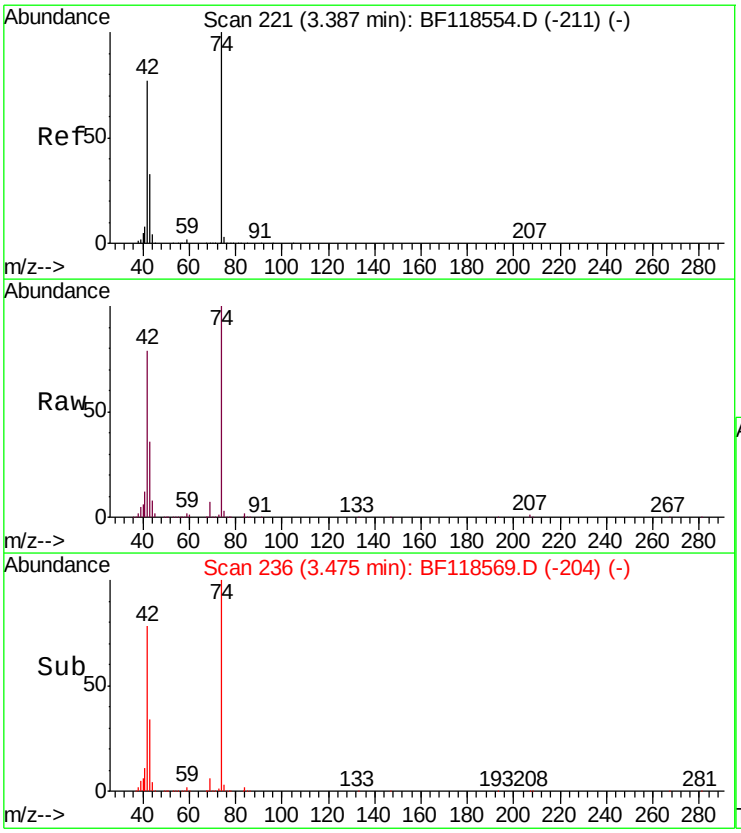
#3
Pyridine
Concen: 27.075 ng
RT: 3.61 min Scan# 259
Delta R.T. 0.16 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 79 Resp: 661115

Ion	Ratio	Lower	Upper
79	100		
52	65.1	51.3	76.9
51	33.7	26.7	40.1

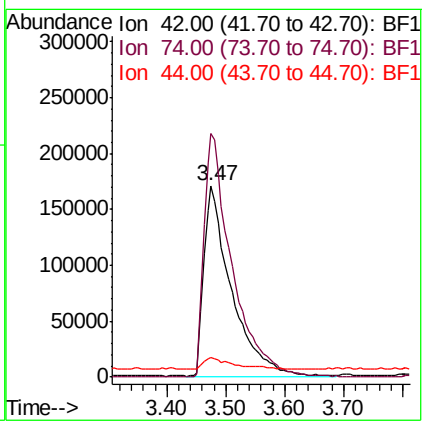


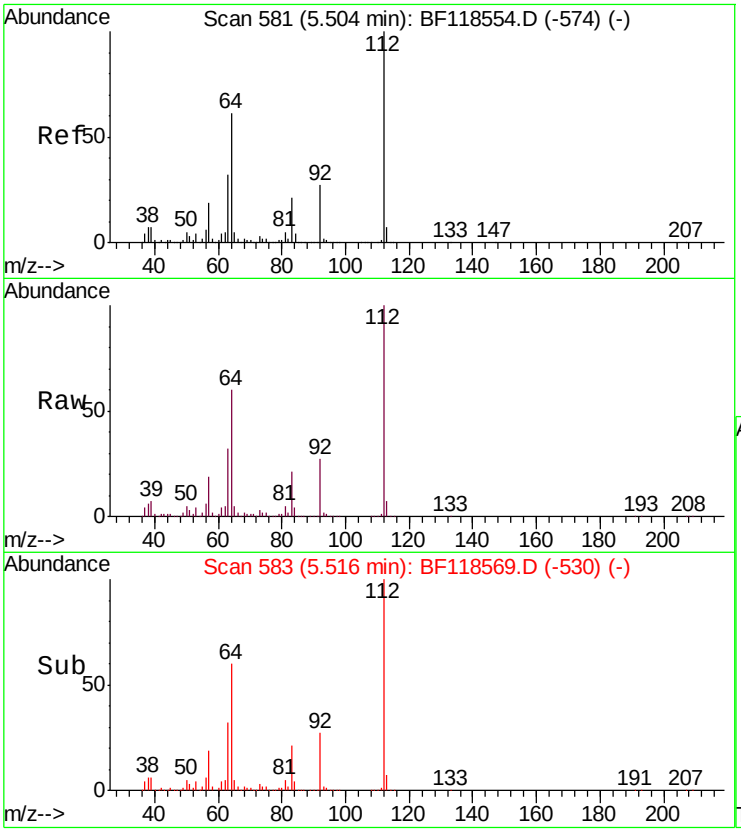


#4
n-Nitrosodimethylamine
Concen: 49.104 ng
RT: 3.47 min Scan# 236
Delta R.T. 0.09 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 42 Resp: 549948

Ion	Ratio	Lower	Upper
42	100		
74	127.3	103.1	154.7
44	10.2	5.4	8.2#



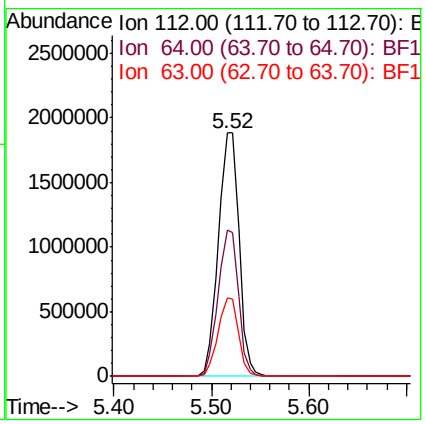


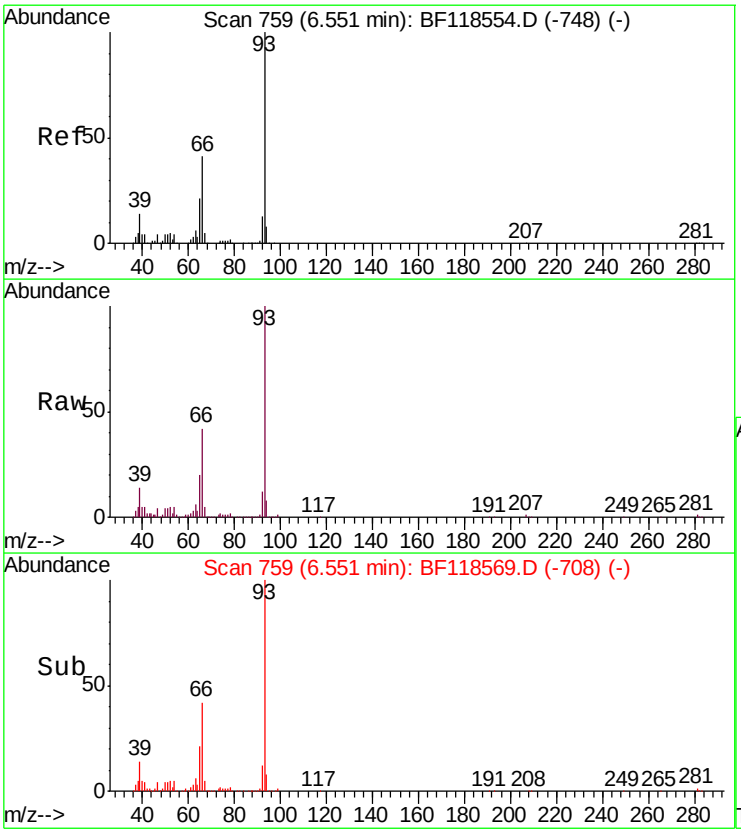
#5
2-Fluorophenol
Concen: 150.659 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:112 Resp: 2772217

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.1	73.7
63	32.2	25.8	38.8

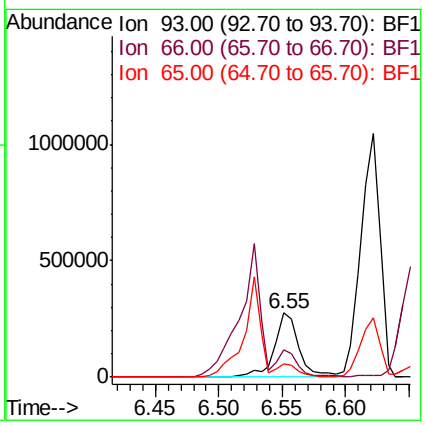


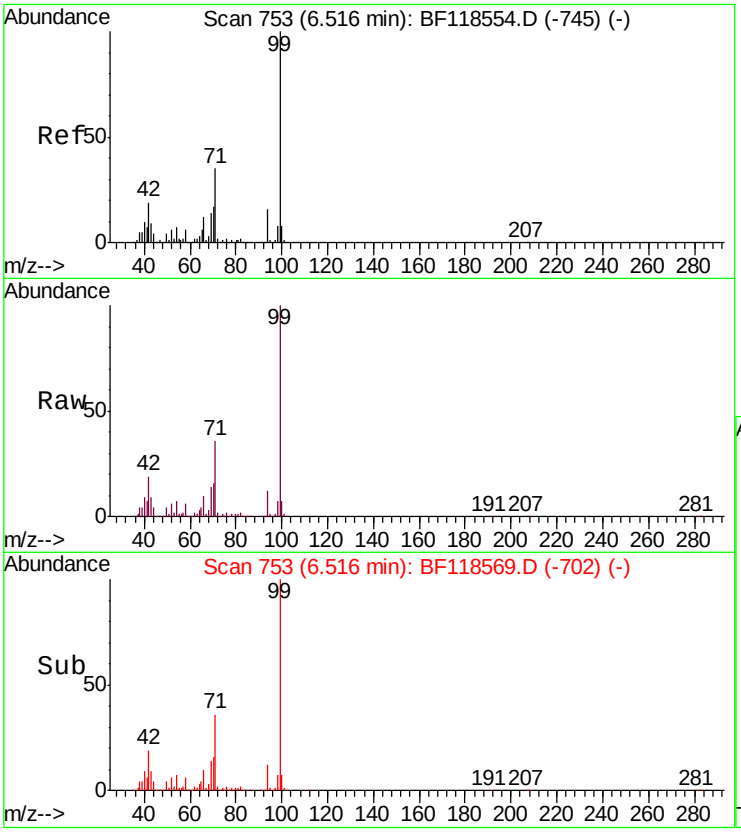


#6
Aniline
Concen: 11.668 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 93 Resp: 368220

Ion	Ratio	Lower	Upper
93	100		
66	41.6	32.9	49.3
65	20.5	16.5	24.7



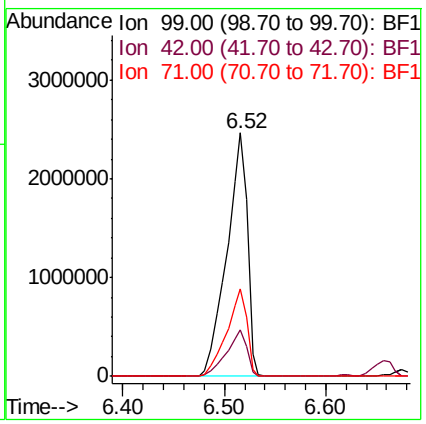


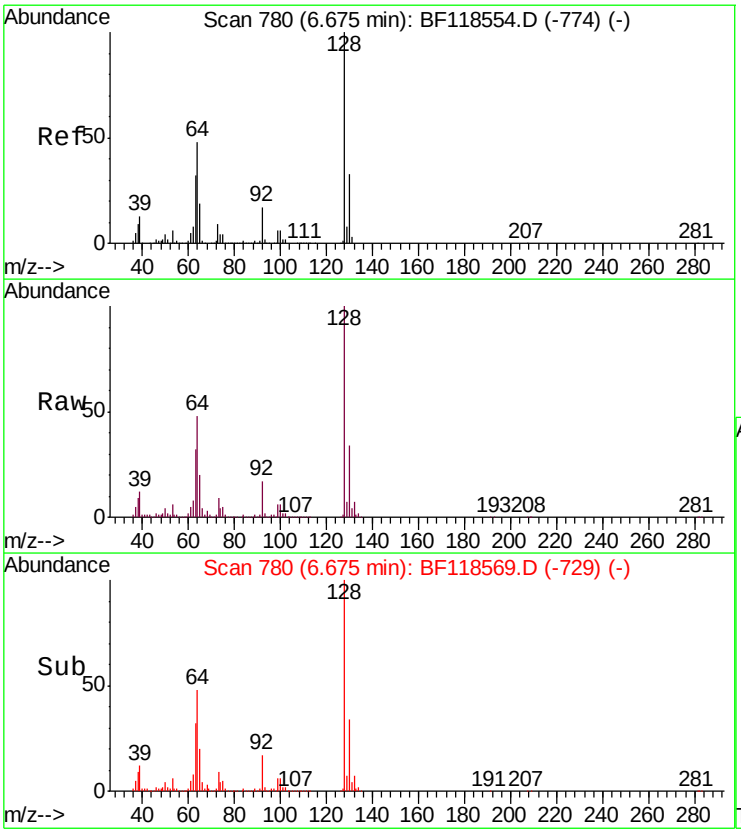
#7
Phenol-d6
Concen: 143.159 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 99 Resp: 3451610

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	35.7	28.3	42.5

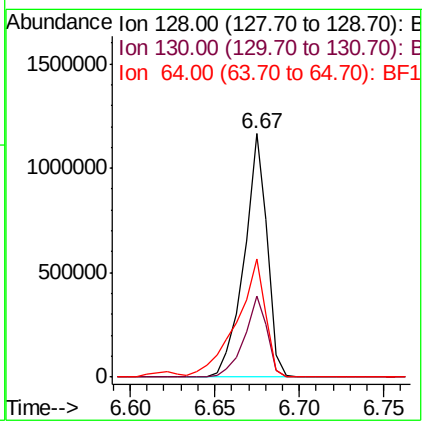


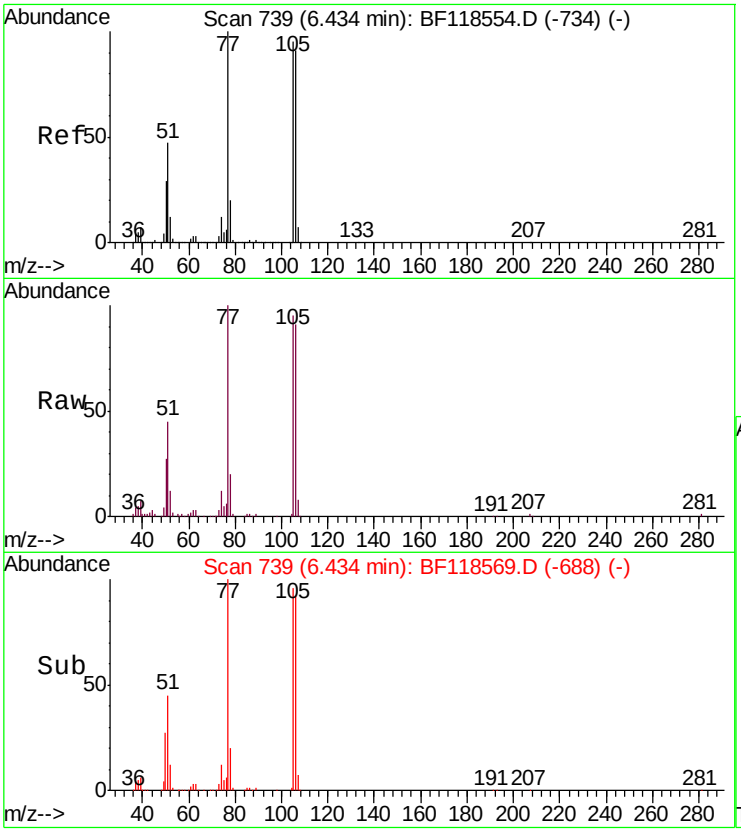


#8
2-Chlorophenol
Concen: 52.897 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:128 Resp: 1106994

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.2	53.2
64	48.4	28.9	68.9



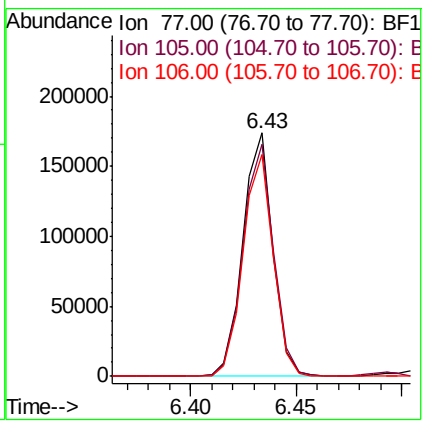


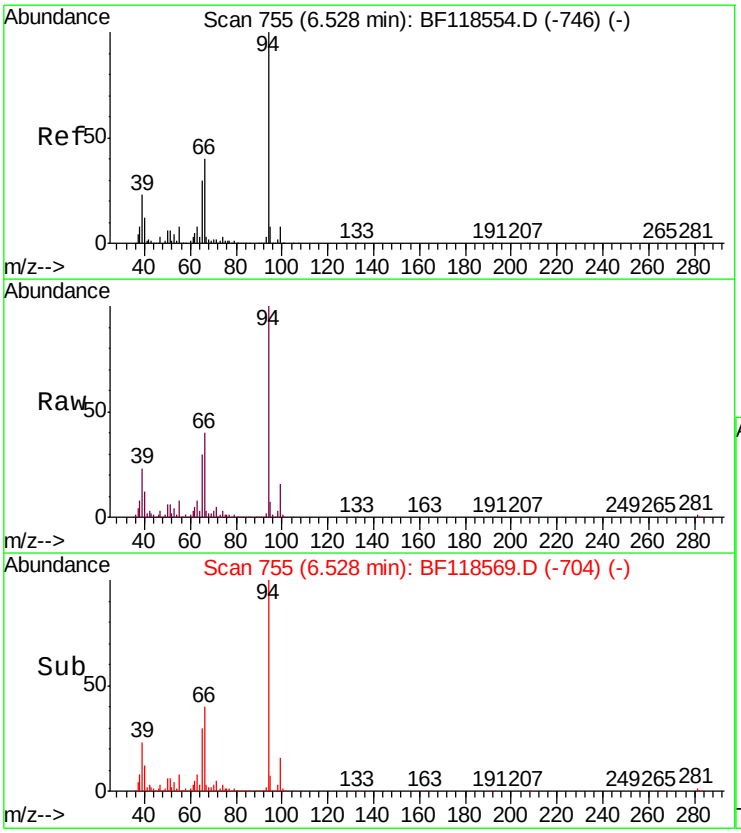
#9
Benzaldehyde
Concen: 13.833 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 77 Resp: 170731

Ion	Ratio	Lower	Upper
77	100		
105	95.1	75.2	115.2
106	91.2	71.4	111.4

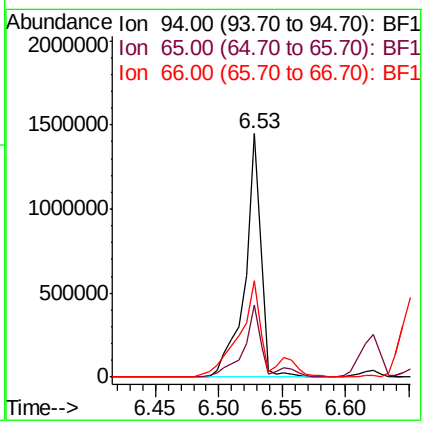


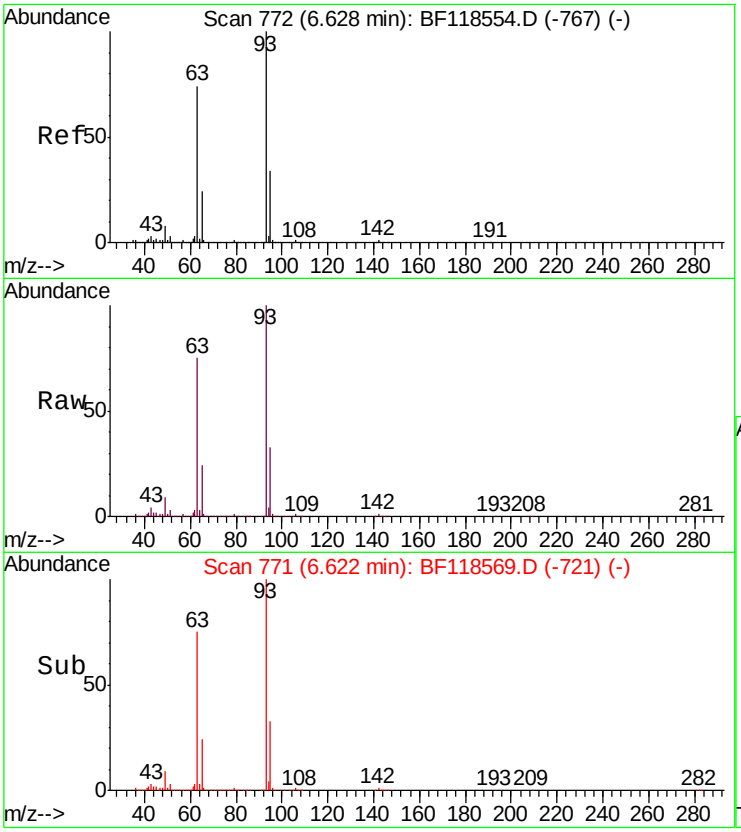


#10
Phenol
Concen: 47.466 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 94 Resp: 1255608

Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.8	49.8
66	39.6	19.5	59.5



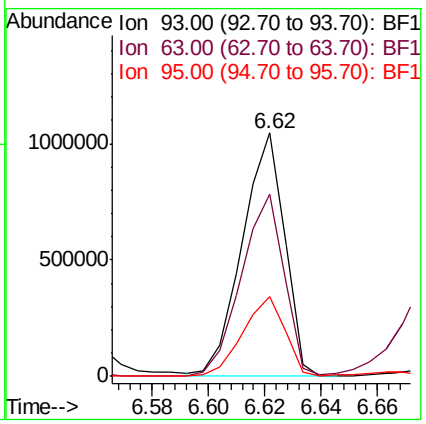


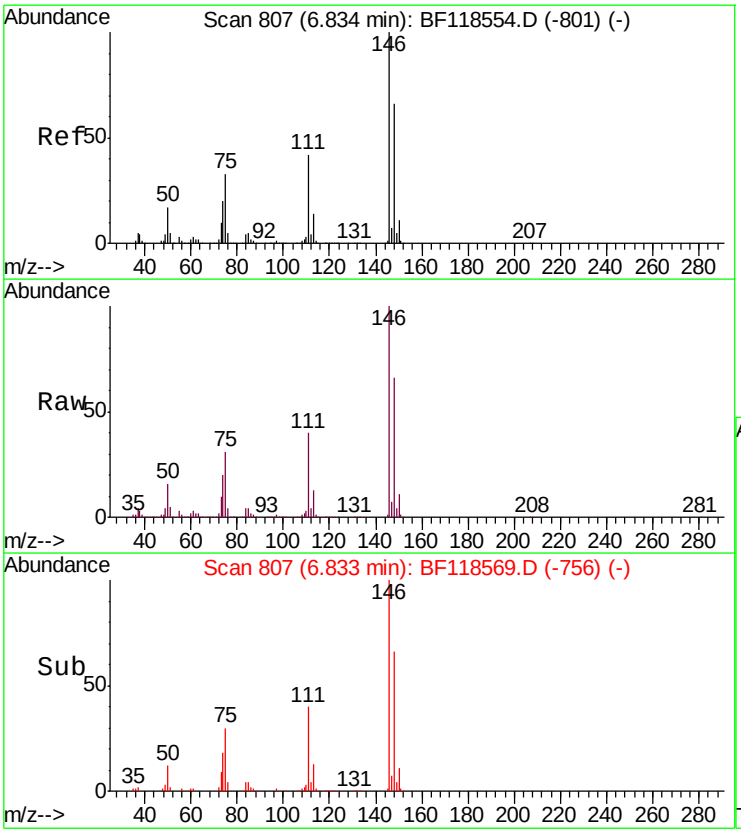
#11
bis(2-Chloroethyl)ether
Concen: 51.179 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 93 Resp: 1084323

Ion	Ratio	Lower	Upper
93	100		
63	75.0	54.0	94.0
95	32.8	13.5	53.5

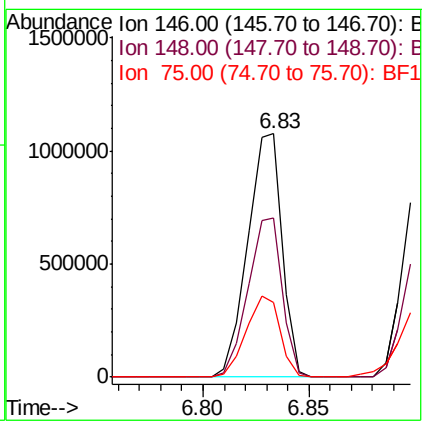


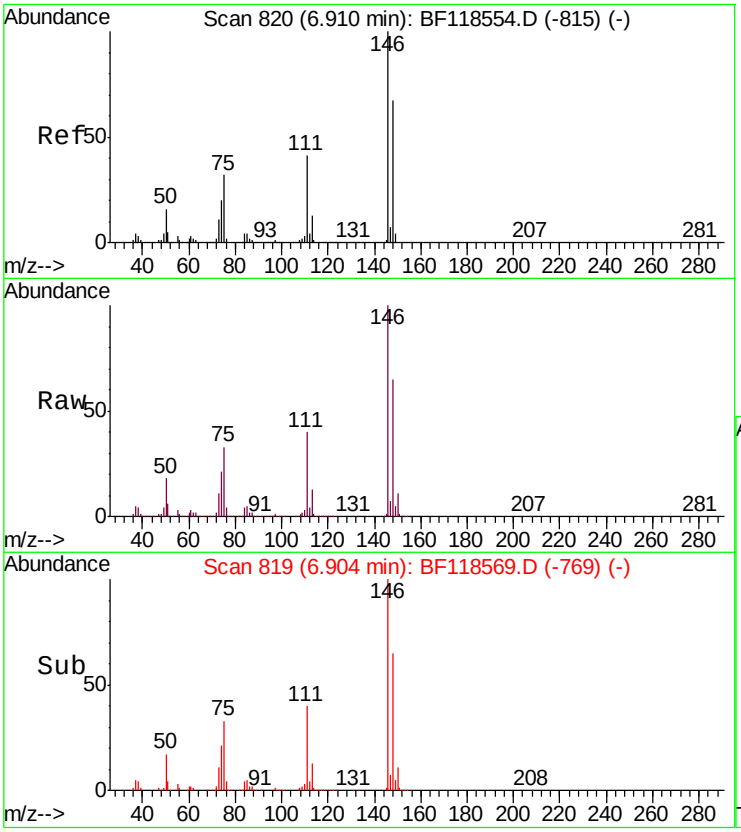


#12
1,3-Dichlorobenzene
Concen: 48.944 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:146 Resp: 1218024

Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.0	79.6
75	30.9	26.5	39.7



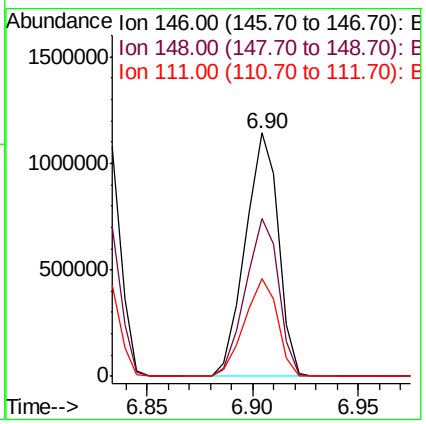


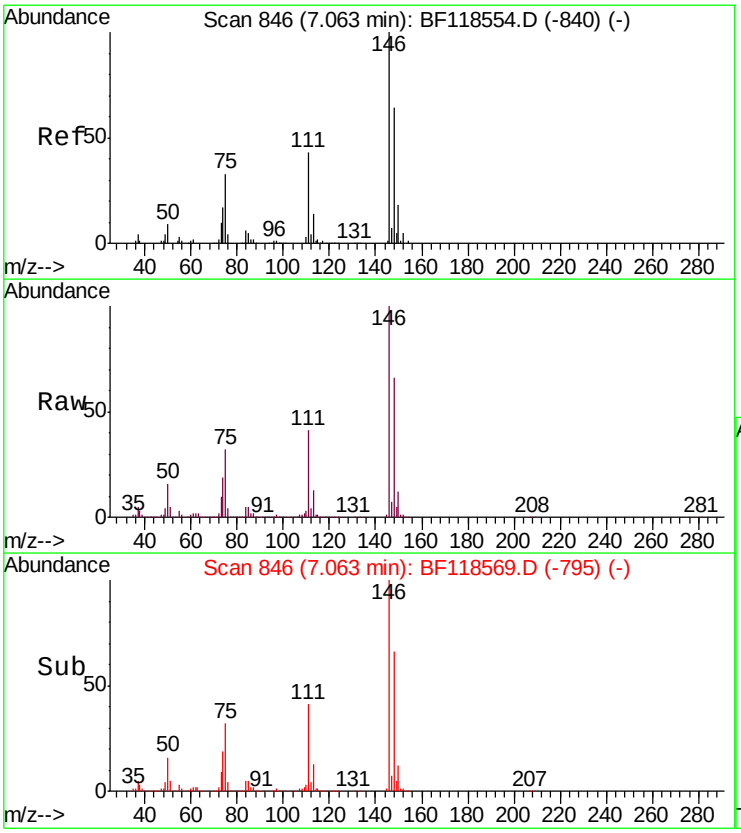
#13
1,4-Dichlorobenzene
Concen: 49.685 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:146 Resp: 1242161

Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.2
111	40.1	32.6	48.8

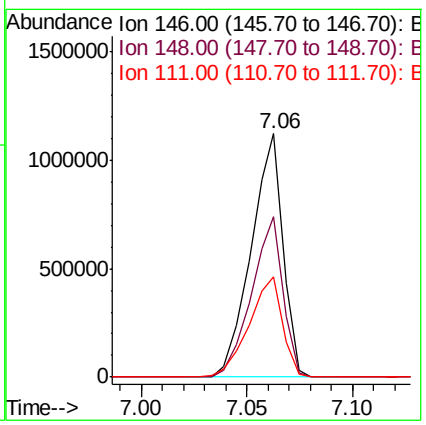


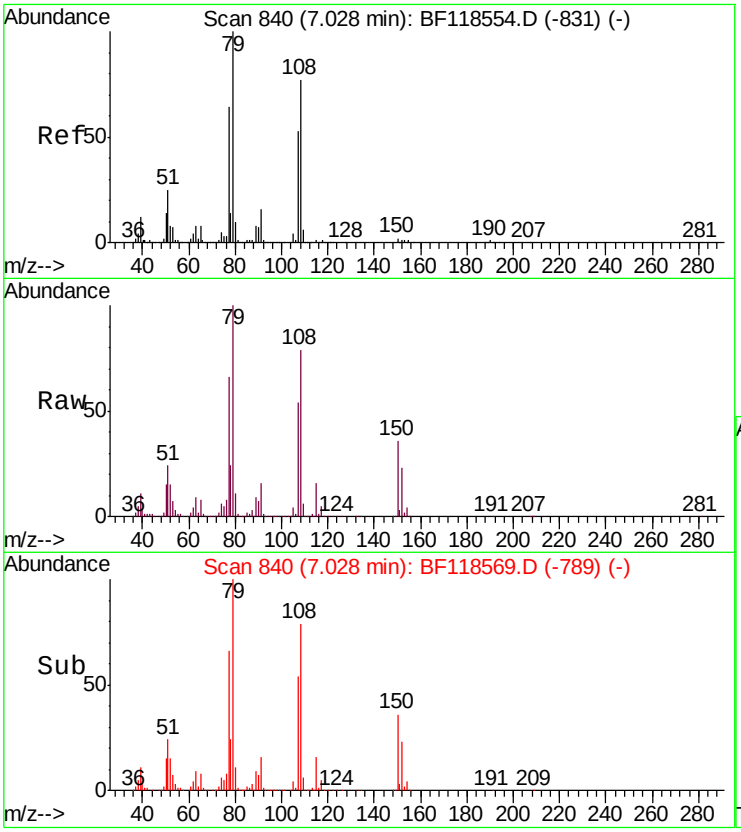


#14
1,2-Dichlorobenzene
Concen: 50.106 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:146 Resp: 1172044

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.2	76.8
111	41.4	34.6	52.0



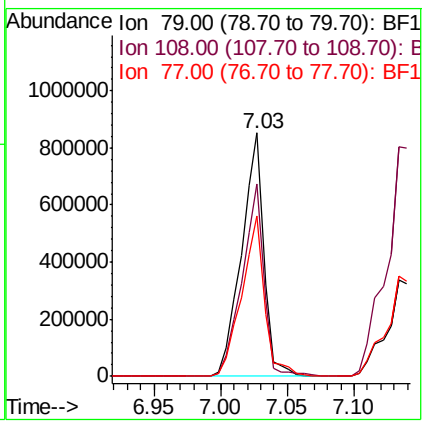


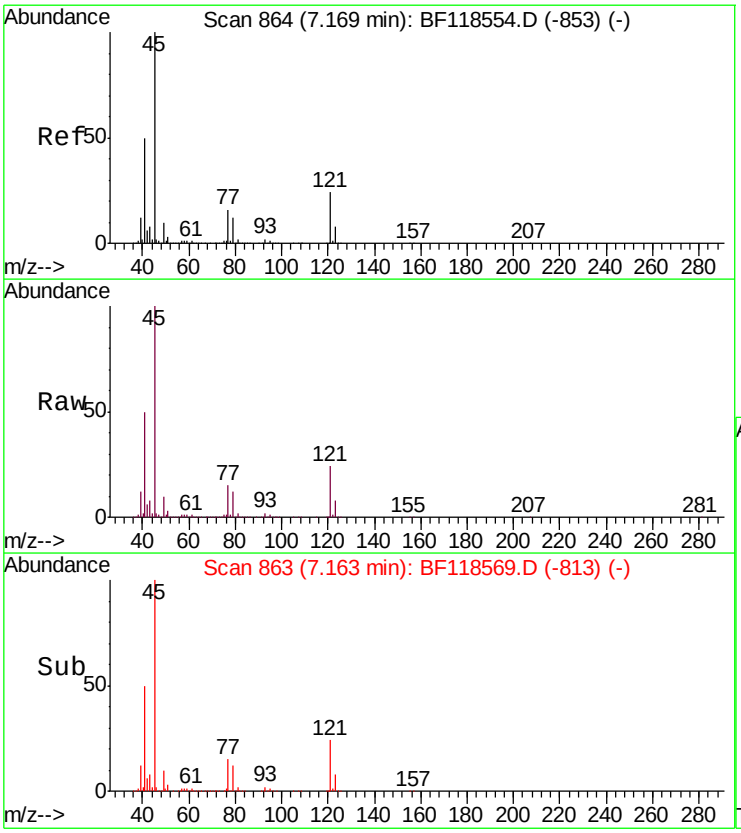
#15
Benzyl Alcohol
Concen: 49.446 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 79 Resp: 978379

Ion	Ratio	Lower	Upper
79	100		
108	79.2	61.9	92.9
77	65.6	51.5	77.3

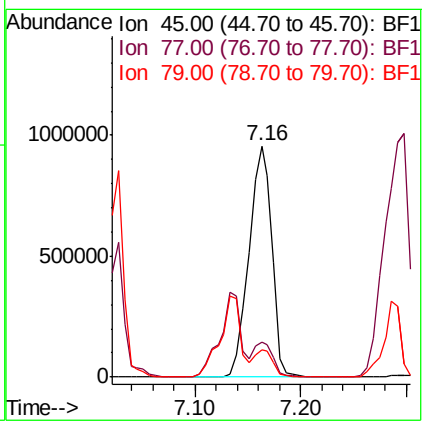


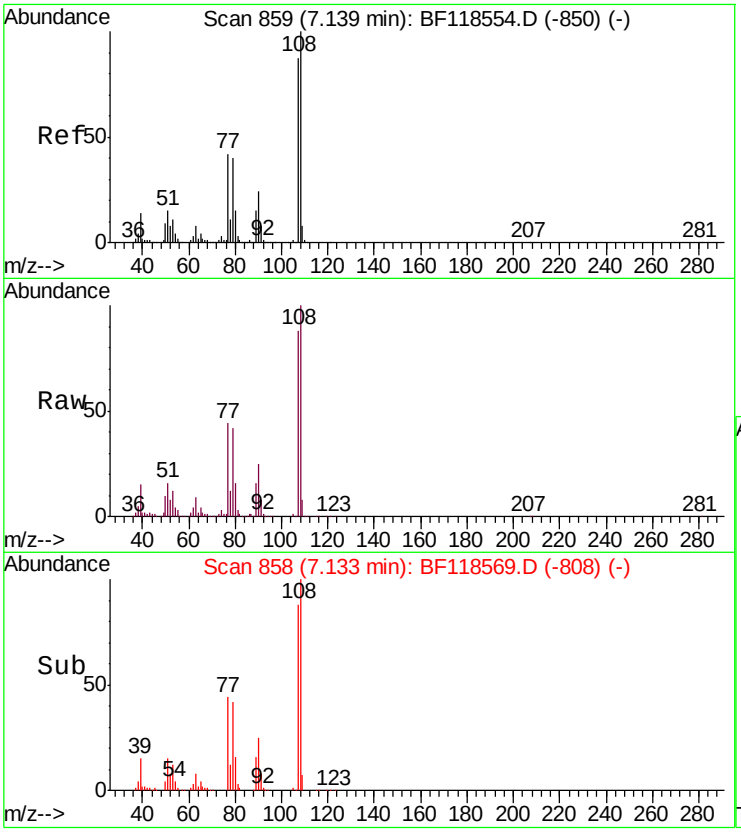


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.366 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 45 Resp: 1441083

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.8
79	11.8	0.0	32.2



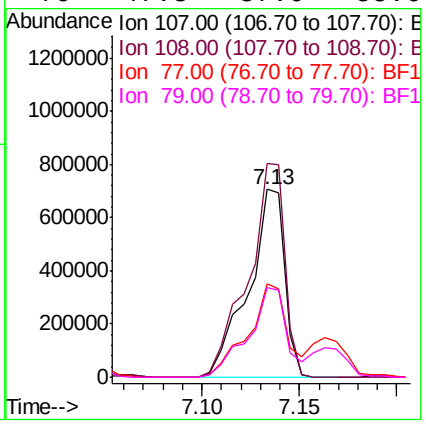


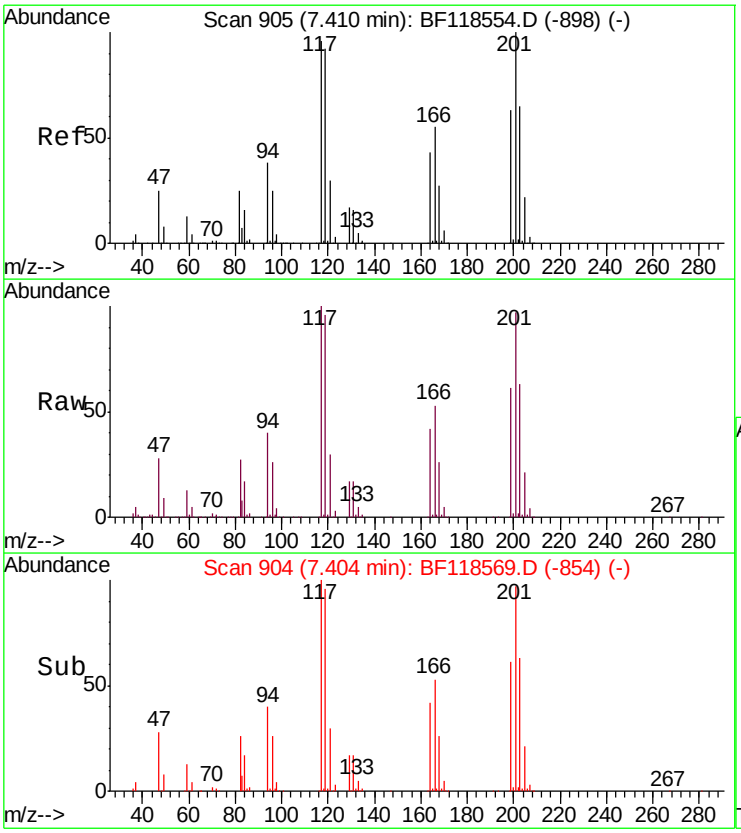
#17
2-Methylphenol
Concen: 51.044 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:107 Resp: 906715

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.3	138.5
77	50.0	38.6	57.8
79	47.8	37.0	55.6

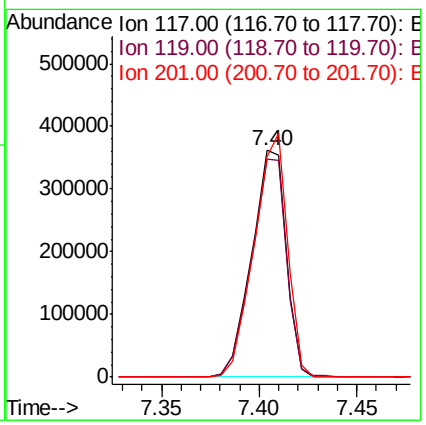


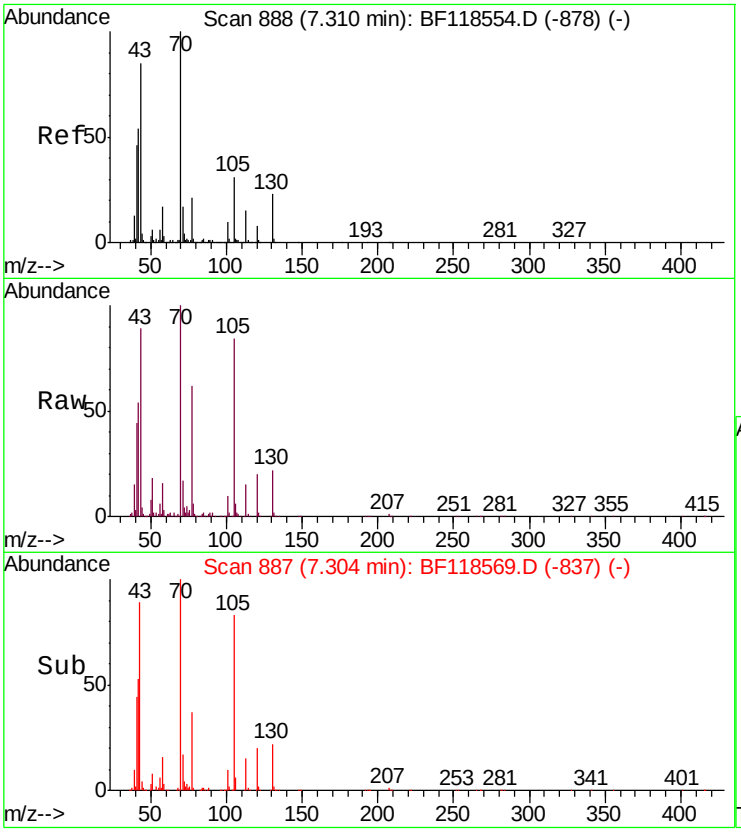


#18
Hexachloroethane
Concen: 48.520 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:117 Resp: 442056

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	97.0	83.6	125.4



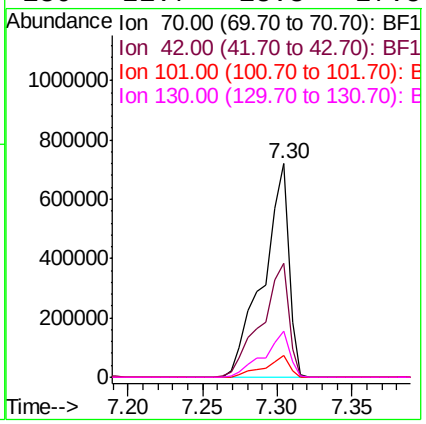


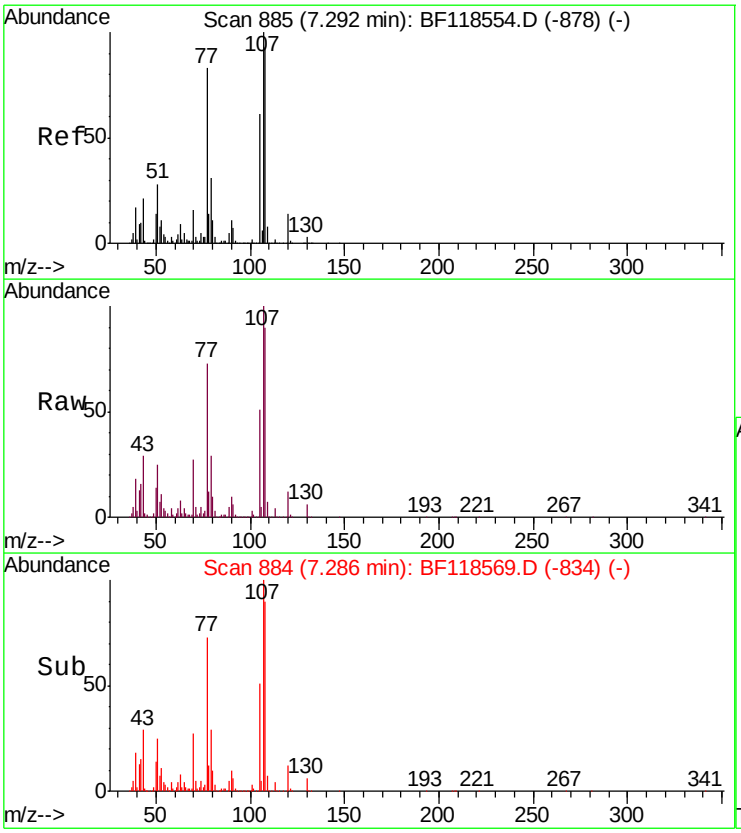
#19
n-Nitroso-di-n-propylamine
Concen: 49.669 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 70 Resp: 858781

Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.6	65.4
101	10.2	7.7	11.5
130	21.7	18.3	27.5

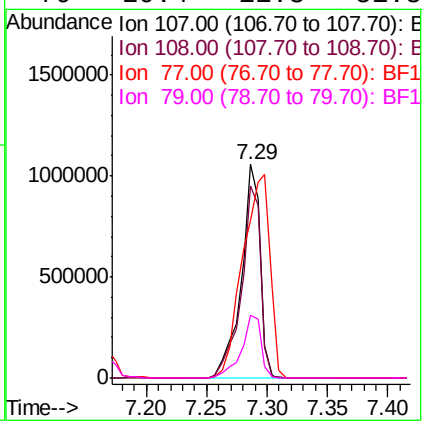


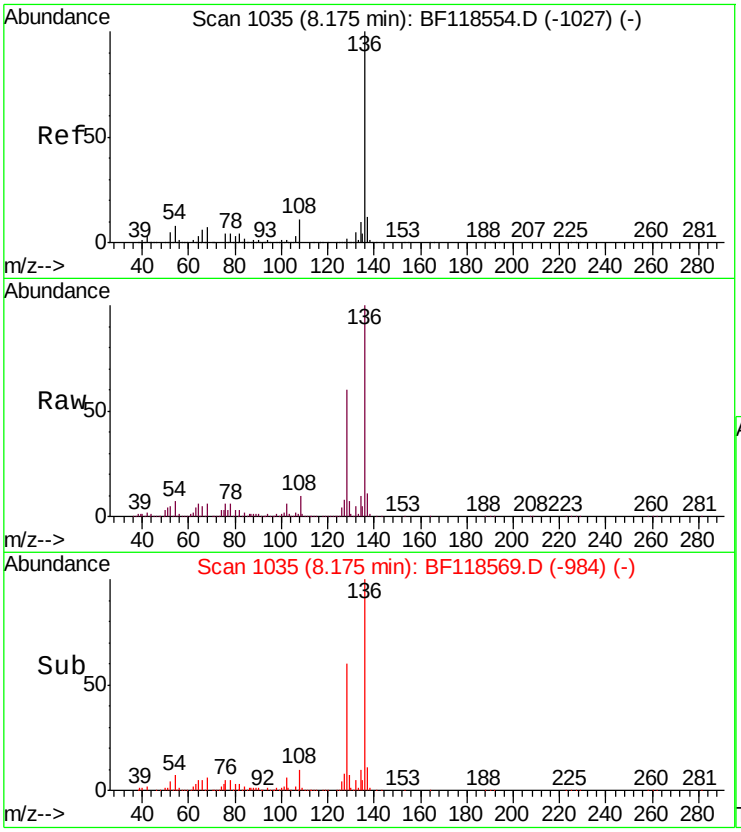


#20
3+4-Methylphenols
Concen: 54.408 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:107 Resp: 1155739

Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.6	112.6
77	73.5	63.0	103.0
79	29.4	11.3	51.3



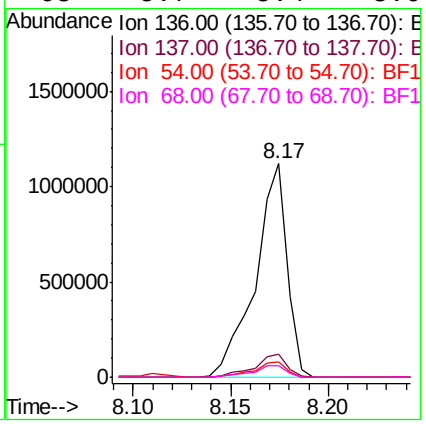


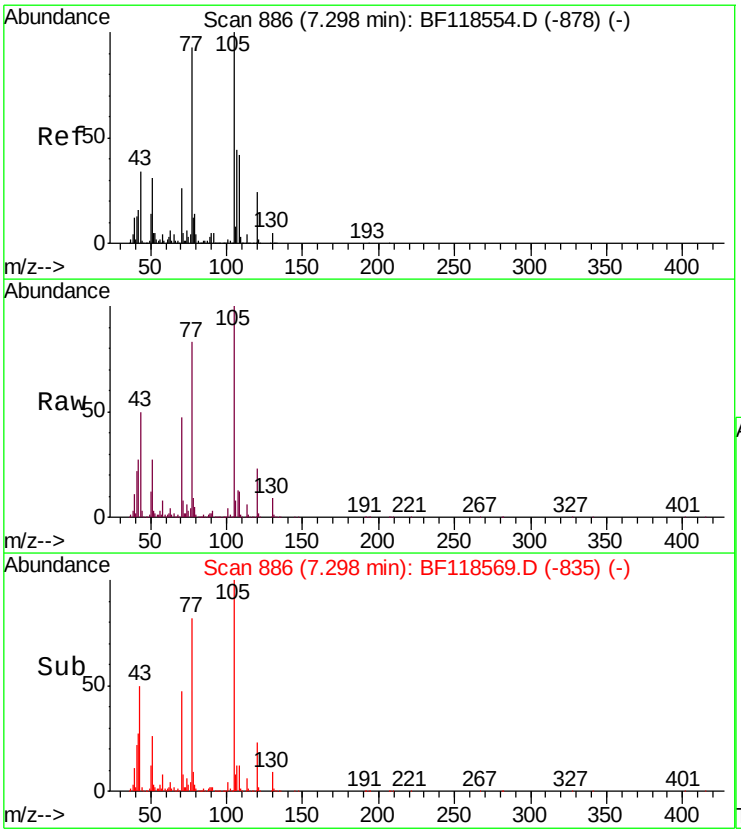
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:136 Resp: 1264871

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.0
54	7.1	6.2	9.2
68	5.7	5.4	8.0

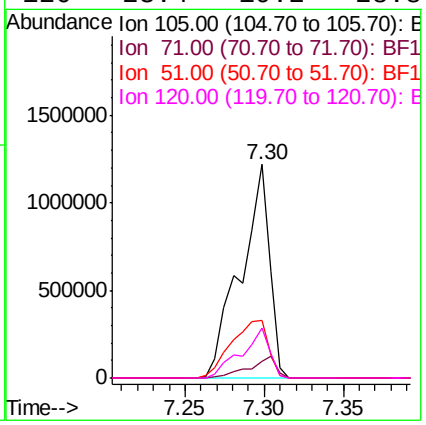


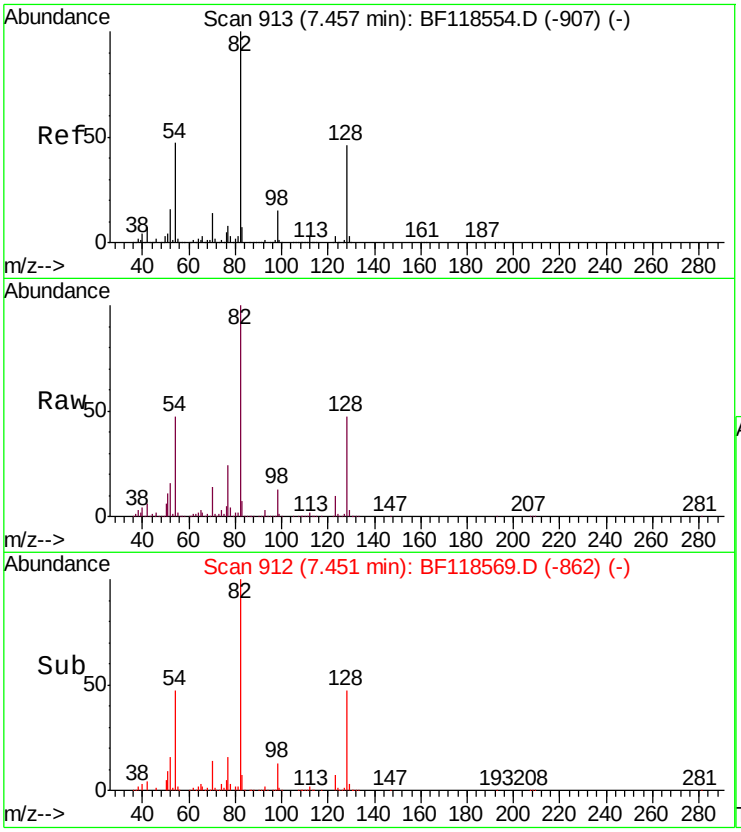


#22
Acetophenone
Concen: 50.242 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:105 Resp: 1542154

Ion	Ratio	Lower	Upper
105	100		
71	7.9	3.8	5.6#
51	26.8	24.9	37.3
120	23.4	19.2	28.8



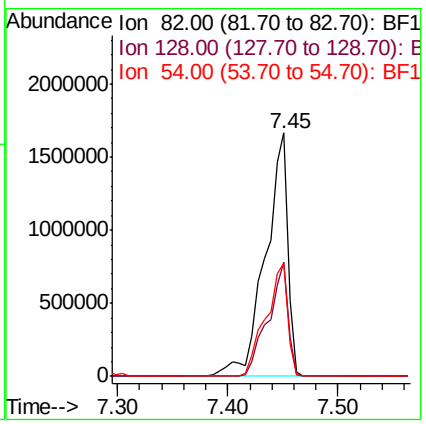


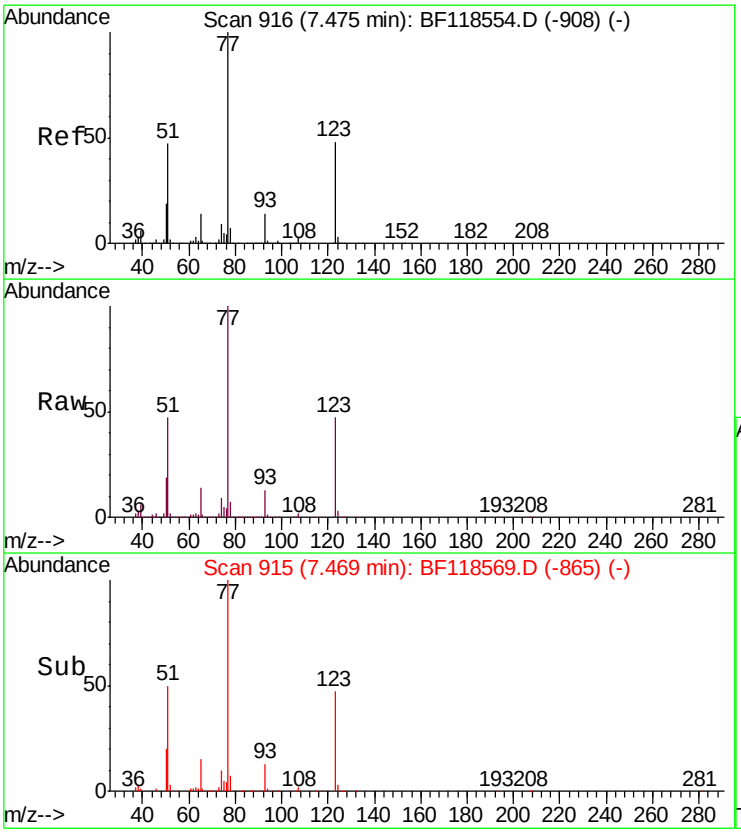
#23
Nitrobenzene-d5
Concen: 115.672 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 82 Resp: 2368942

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.4
54	46.6	37.4	56.0

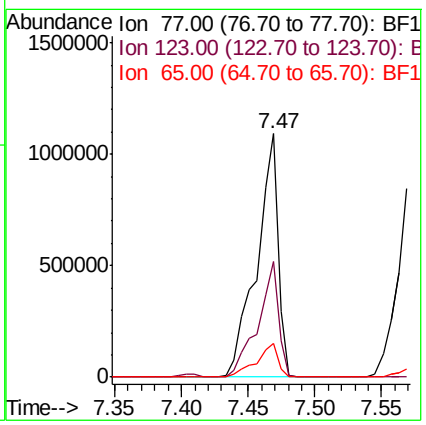


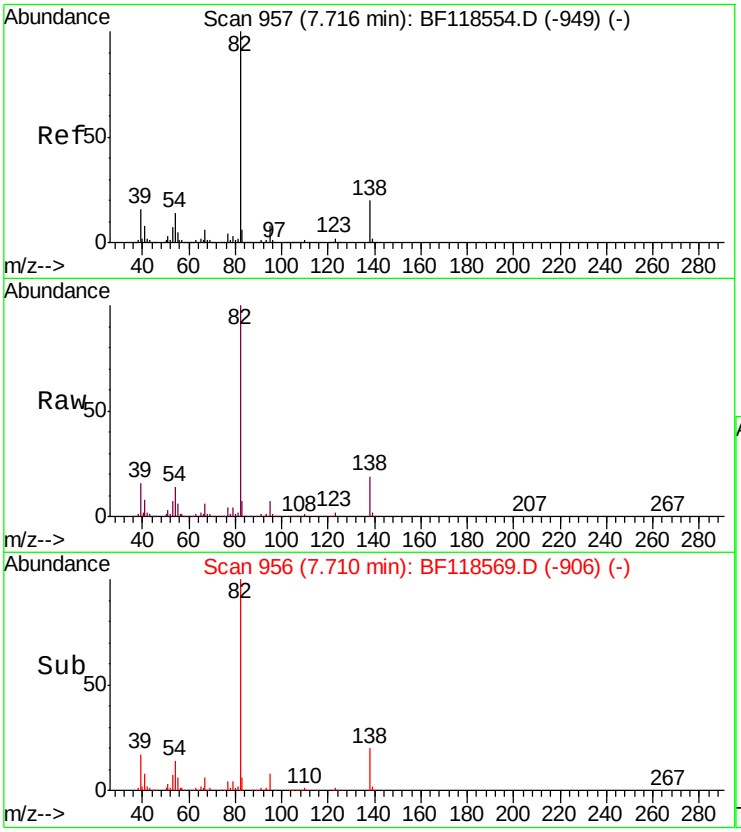


#24
Nitrobenzene
Concen: 55.626 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 77 Resp: 1211501

Ion	Ratio	Lower	Upper
77	100		
123	47.2	38.2	57.2
65	13.7	11.1	16.7



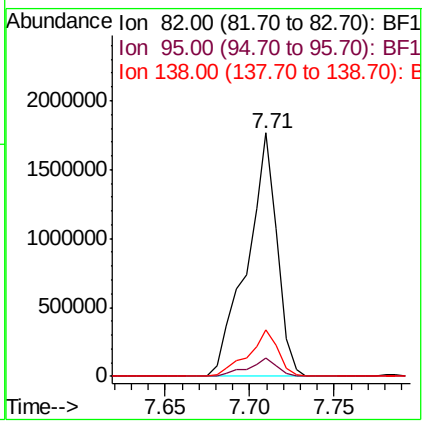


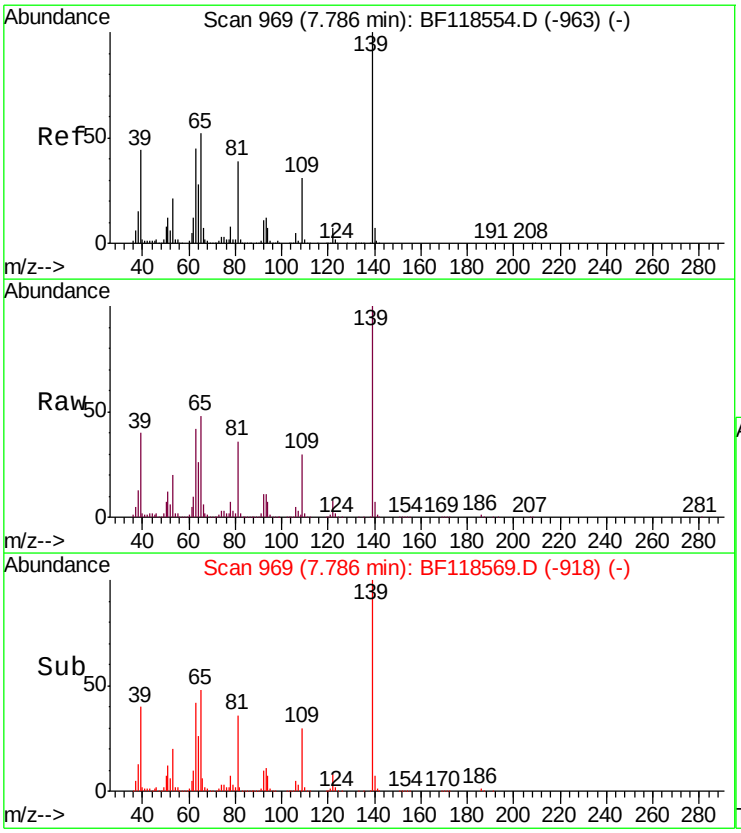
#25
Isophorone
Concen: 49.276 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 82 Resp: 2190225

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.2	15.8	23.8

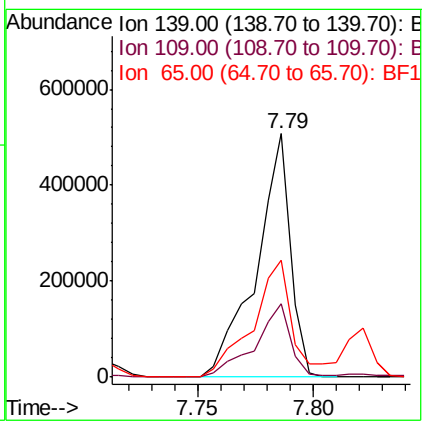


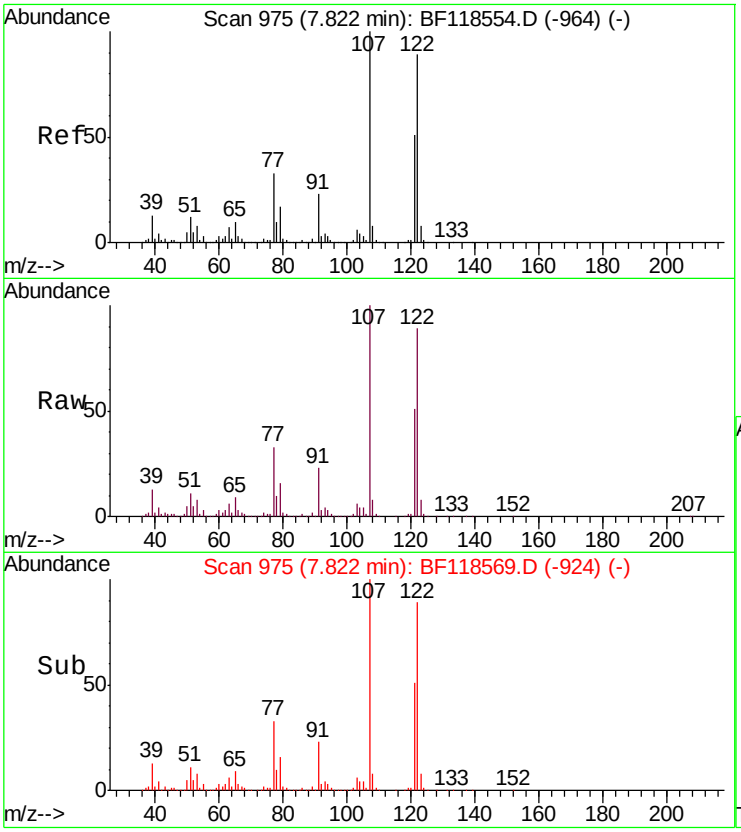


#26
2-Nitrophenol
Concen: 54.647 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:139 Resp: 523702

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	36.8
65	48.0	42.1	63.1



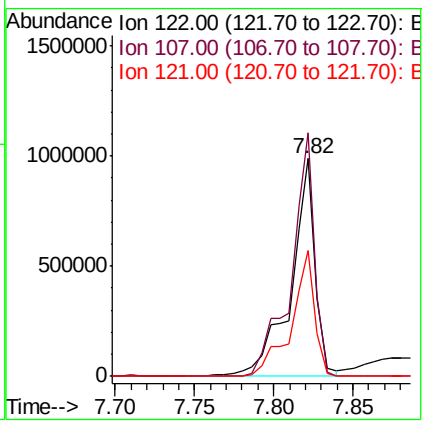


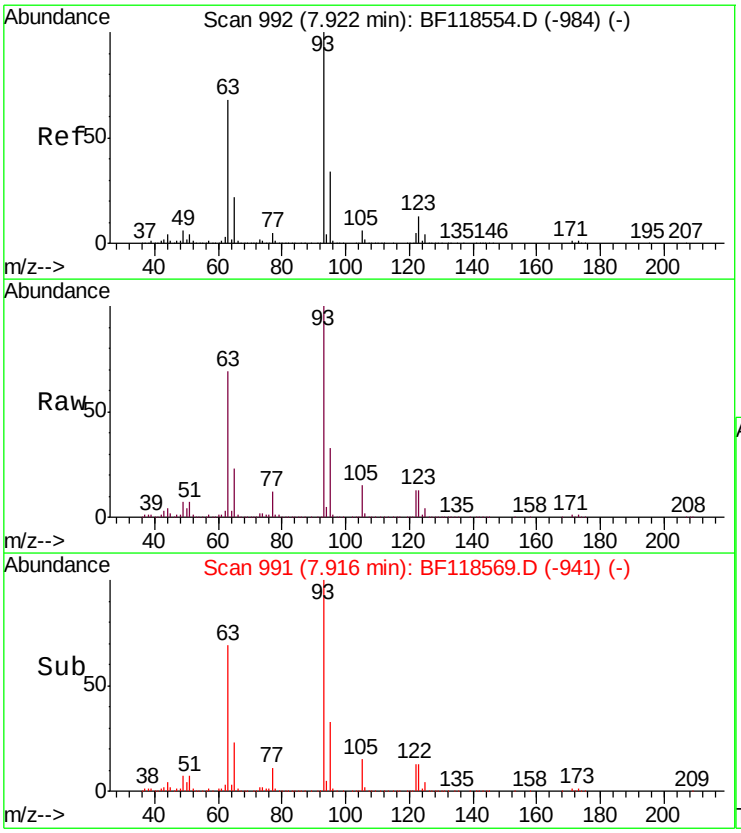
#27
2,4-Dimethylphenol
Concen: 59.521 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:122 Resp: 1052179

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.6	134.4
121	57.6	45.9	68.9

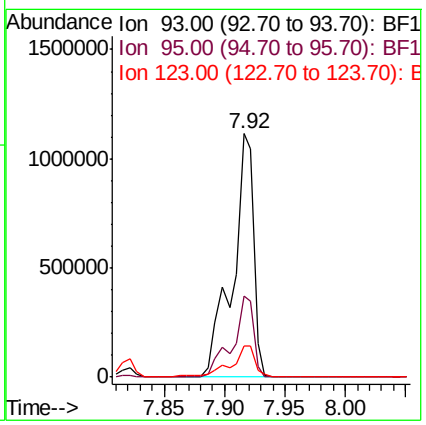


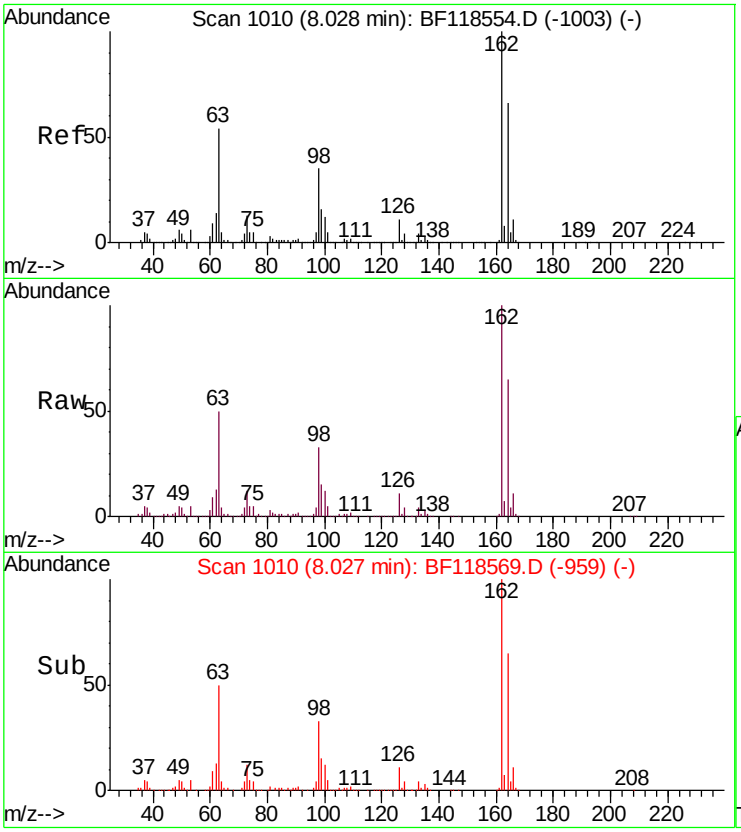


#28
bis(2-Chloroethoxy)methane
Concen: 47.108 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 93 Resp: 1345315

Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.3	40.9
123	12.7	10.2	15.4



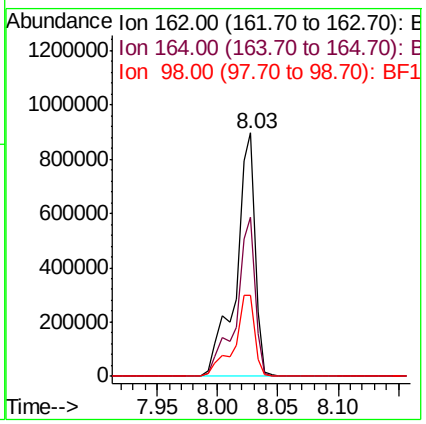


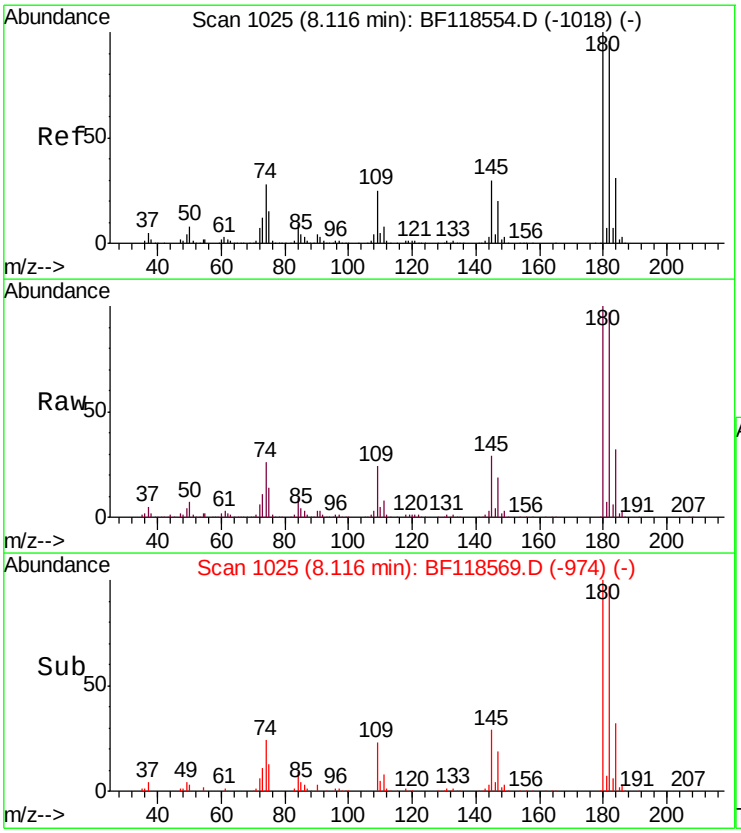
#29
2,4-Dichlorophenol
Concen: 50.999 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:162 Resp: 992328

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.6	85.6
98	33.3	15.4	55.4

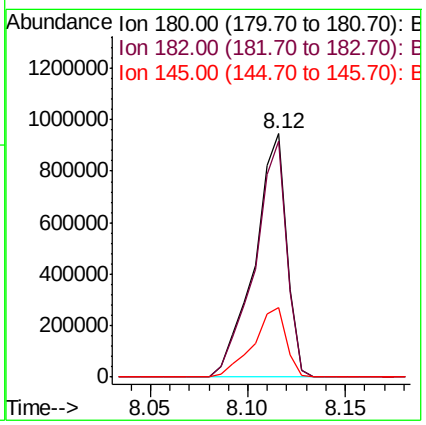


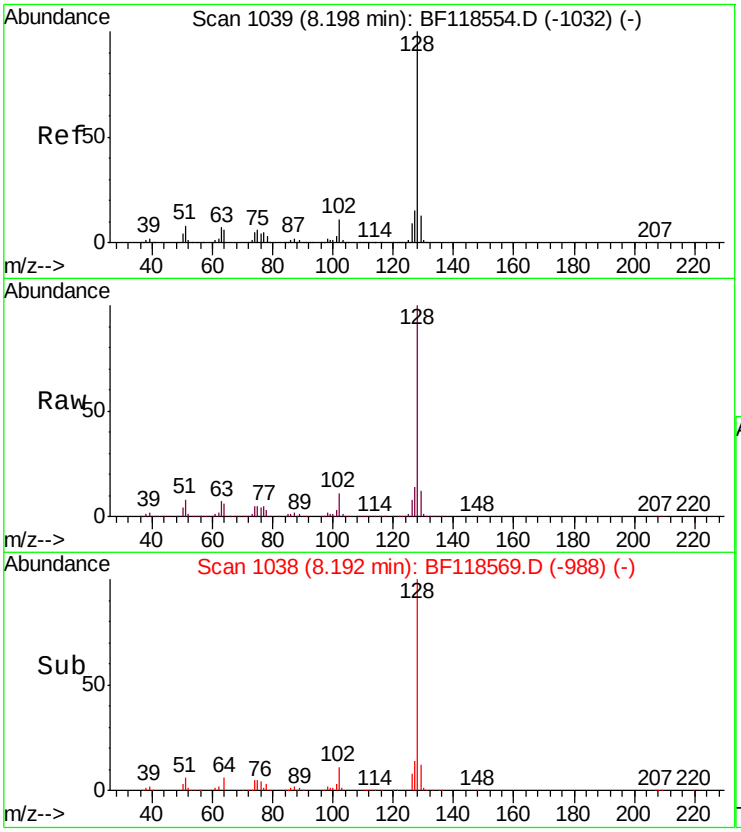


#30
1,2,4-Trichlorobenzene
Concen: 47.719 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:180 Resp: 1082067

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.8	115.2
145	28.8	24.2	36.2



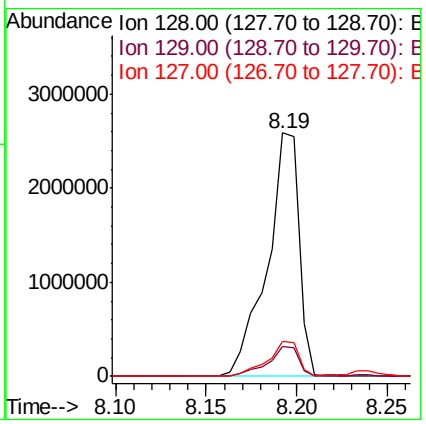


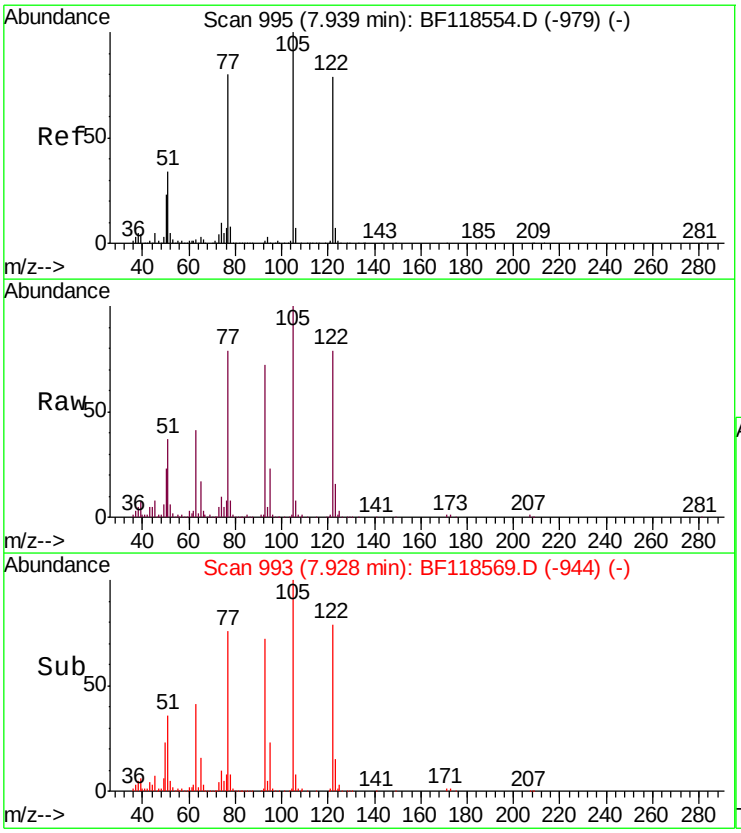
#31
Naphthalene
Concen: 53.019 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:128 Resp: 3162625

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.3	15.5
127	14.4	12.1	18.1

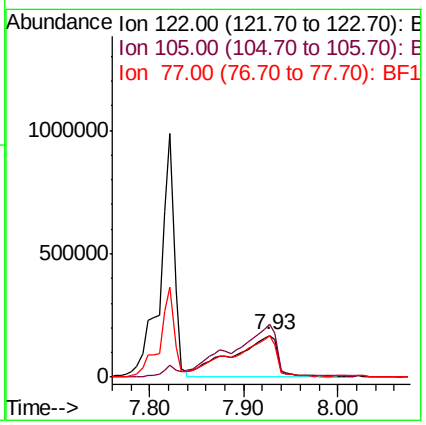


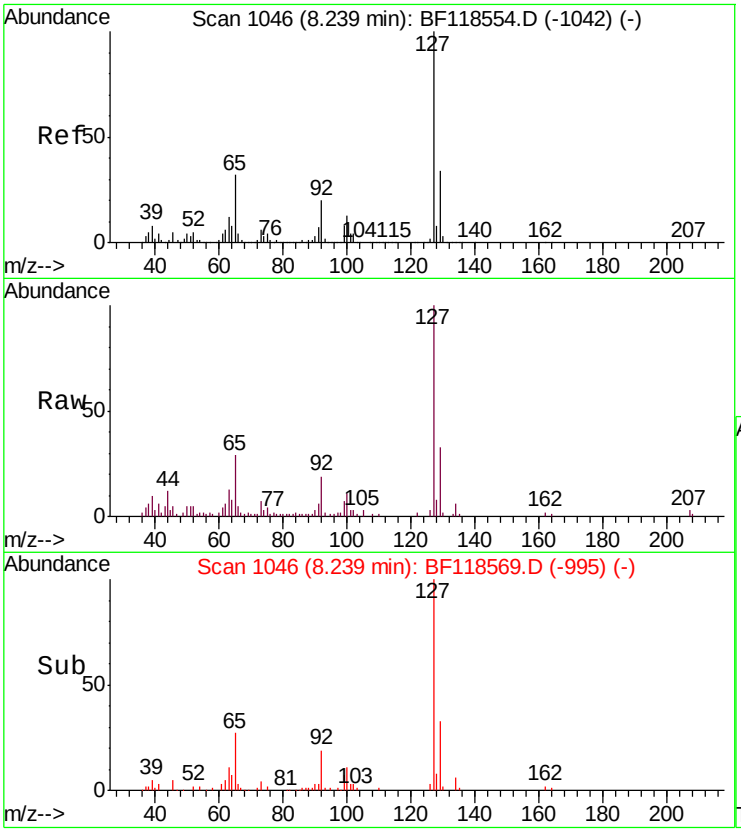


#32
Benzoic acid
Concen: 46.531 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:122 Resp: 560014

Ion	Ratio	Lower	Upper
122	100		
105	126.7	105.0	145.0
77	99.7	80.7	120.7



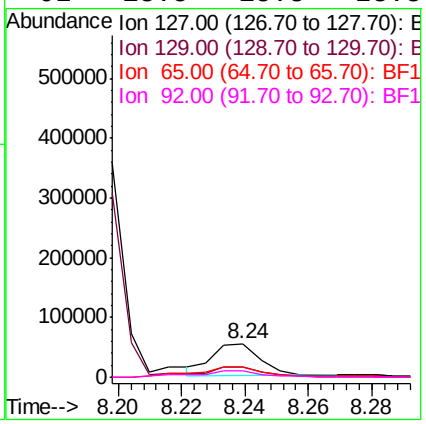


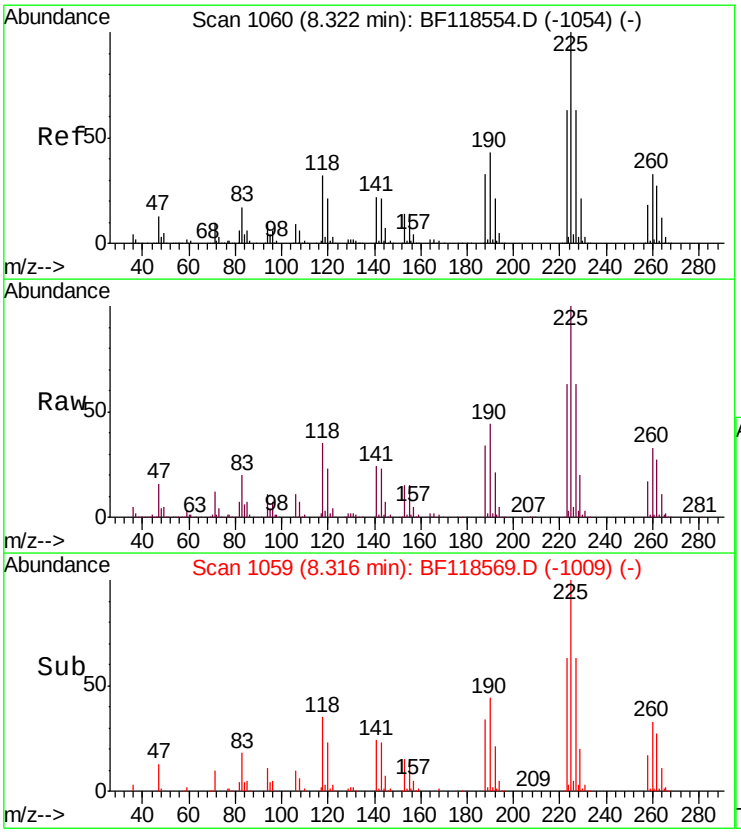
#33
4-Chloroaniline
Concen: 2.064 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:127 Resp: 57206

Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	29.0	25.8	38.8
92	18.5	15.8	23.8

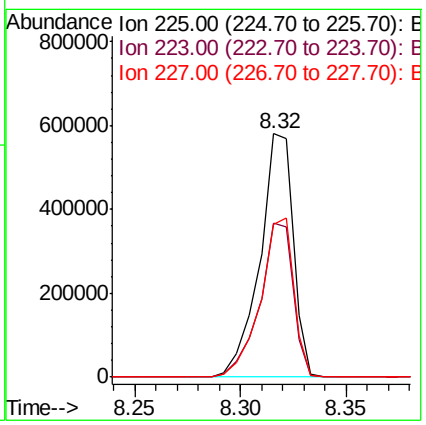


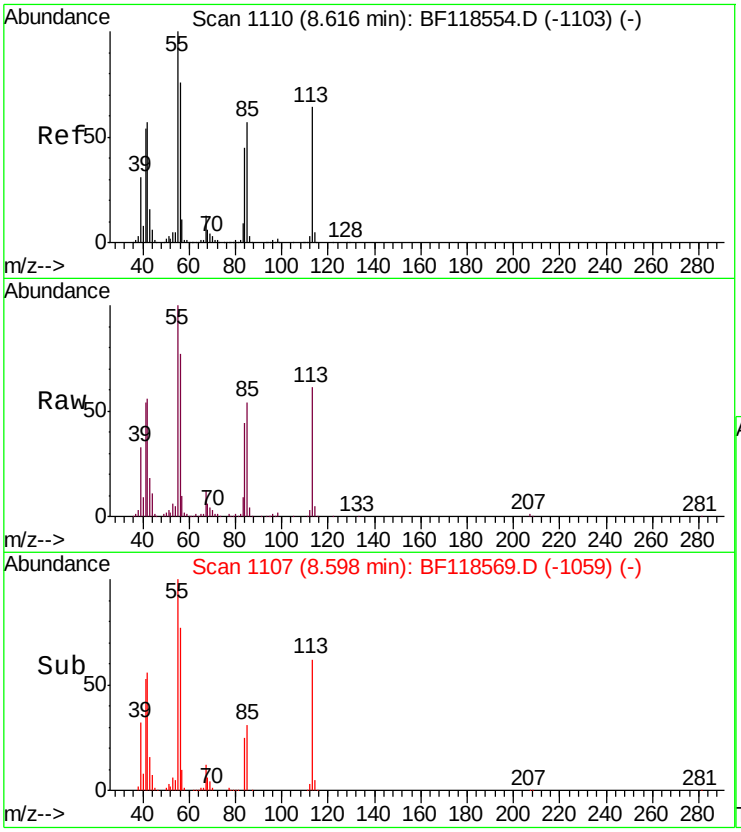


#34
Hexachlorobutadiene
Concen: 45.281 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:225 Resp: 640447

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.7	50.4	75.6



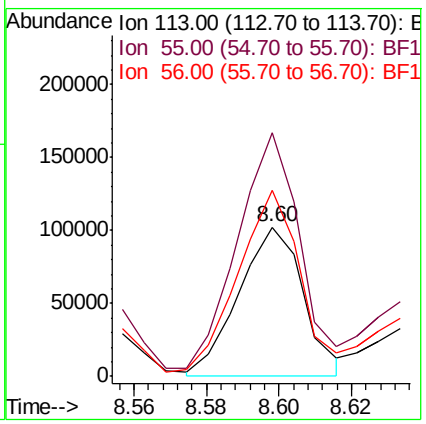


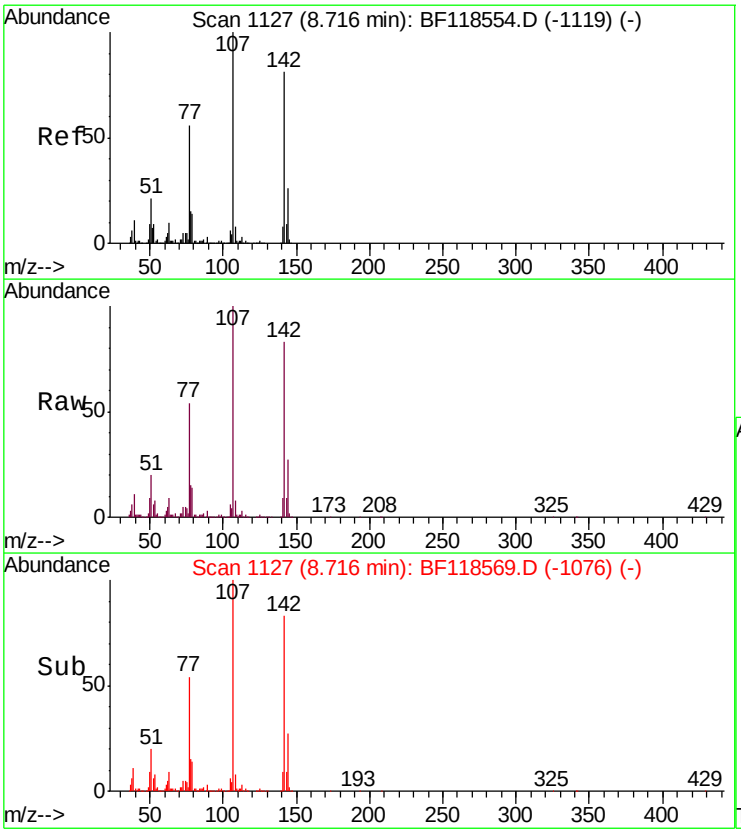
#35
Caprolactam
Concen: 20.946 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:113 Resp: 126789

Ion	Ratio	Lower	Upper
113	100		
55	163.5	137.3	177.3
56	125.2	99.7	139.7

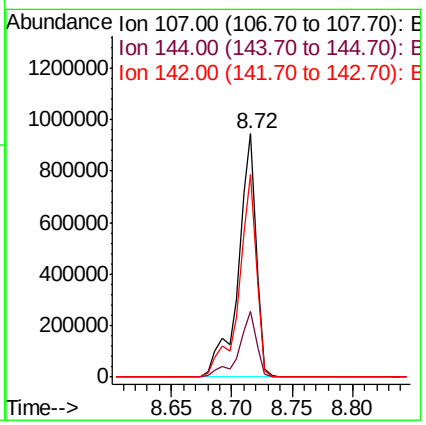


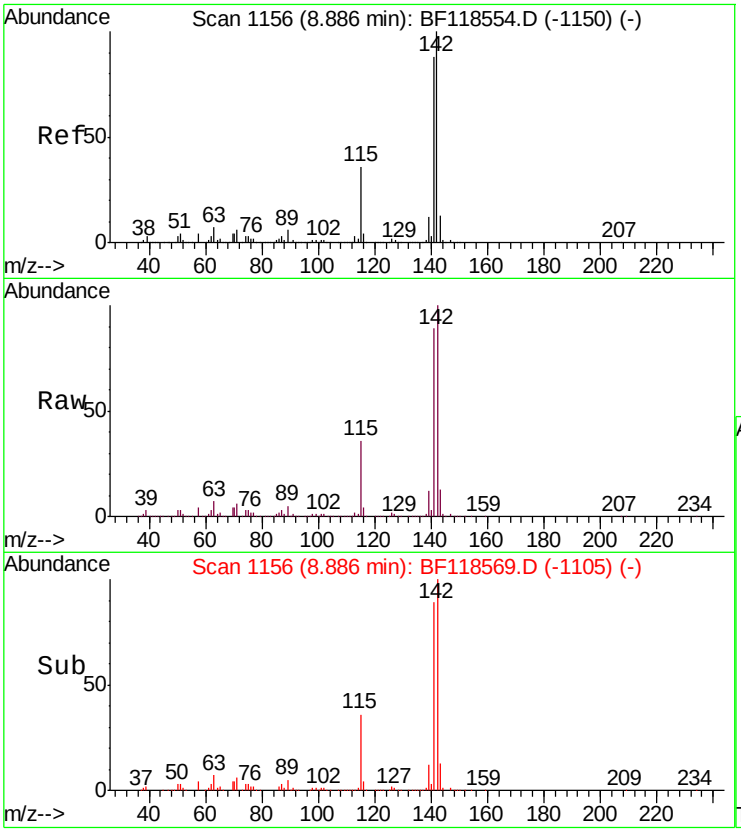


#36
4-Chloro-3-methylphenol
Concen: 50.960 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:107 Resp: 982956

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.2	31.8
142	83.0	64.4	96.6



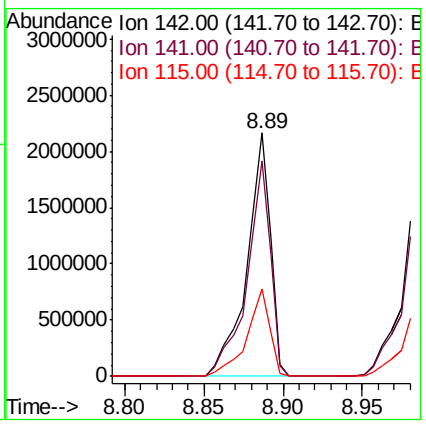


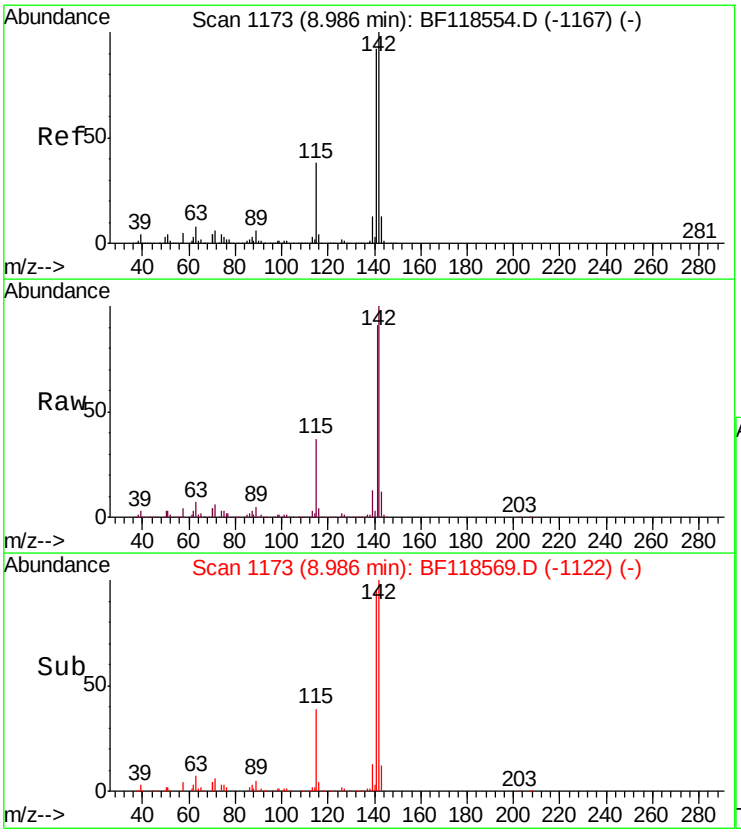
#37
2-Methylnaphthalene
Concen: 52.547 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:142 Resp: 2220663

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	106.0
115	35.8	29.0	43.4

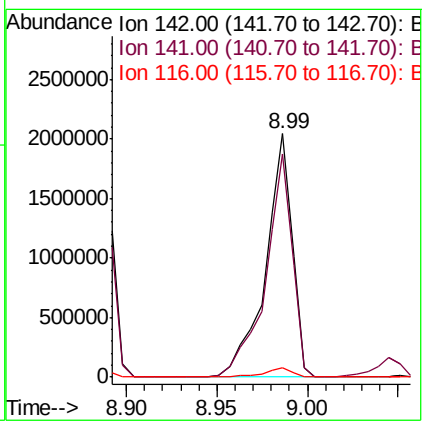


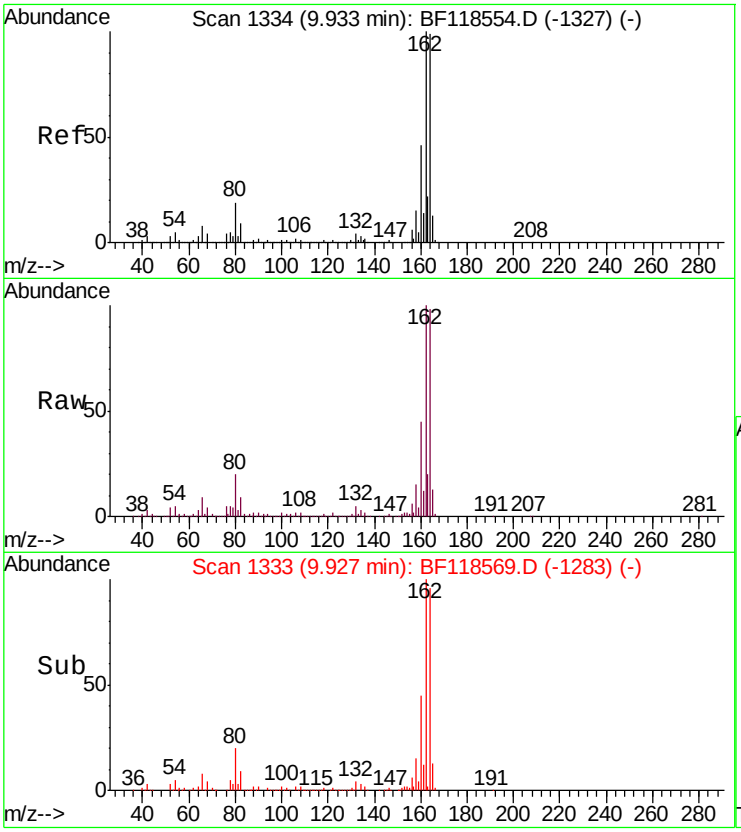


#38
1-Methylnaphthalene
Concen: 52.259 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:142 Resp: 2089335

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.6
116	3.8	3.3	4.9



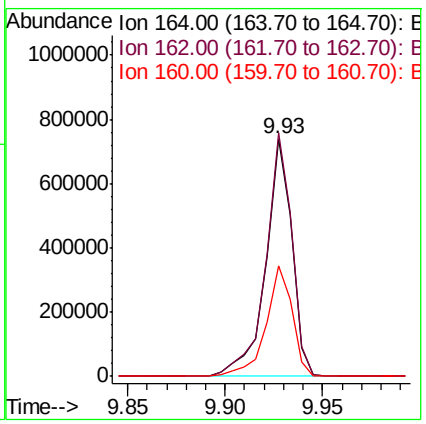


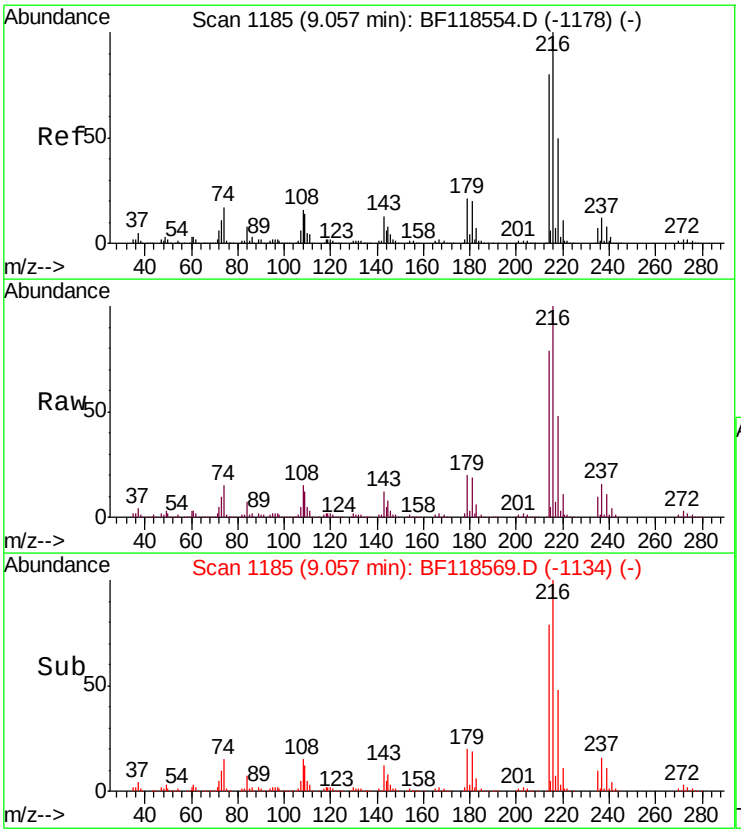
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:164 Resp: 687693

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.4	36.7	55.1

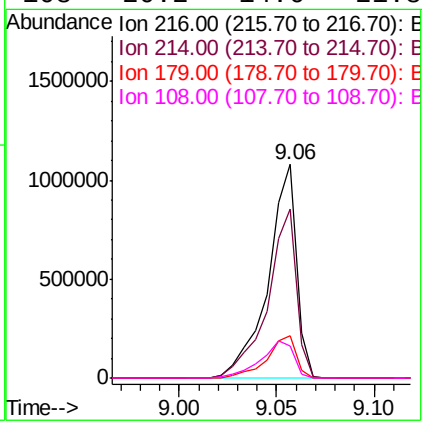


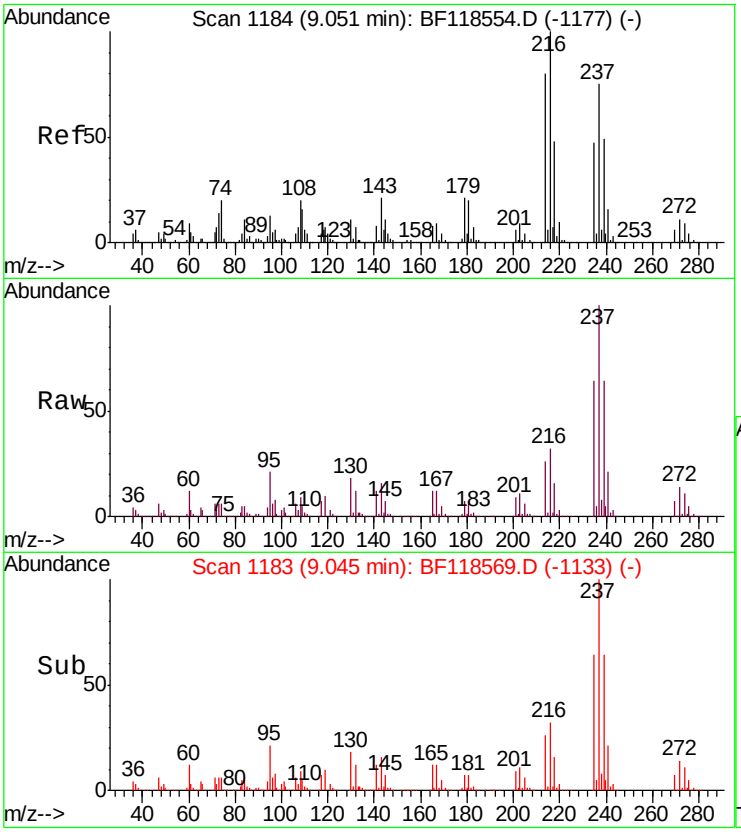


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.265 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:216 Resp: 1092752

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.6	95.4
179	20.1	16.5	24.7
108	20.2	14.6	21.8



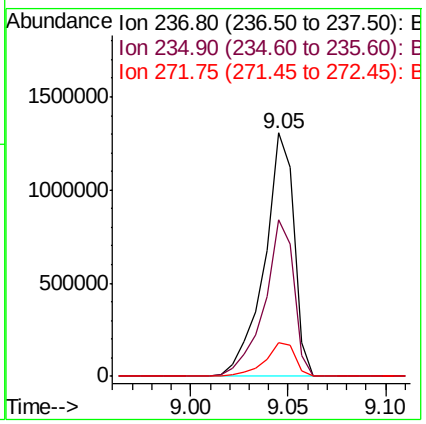


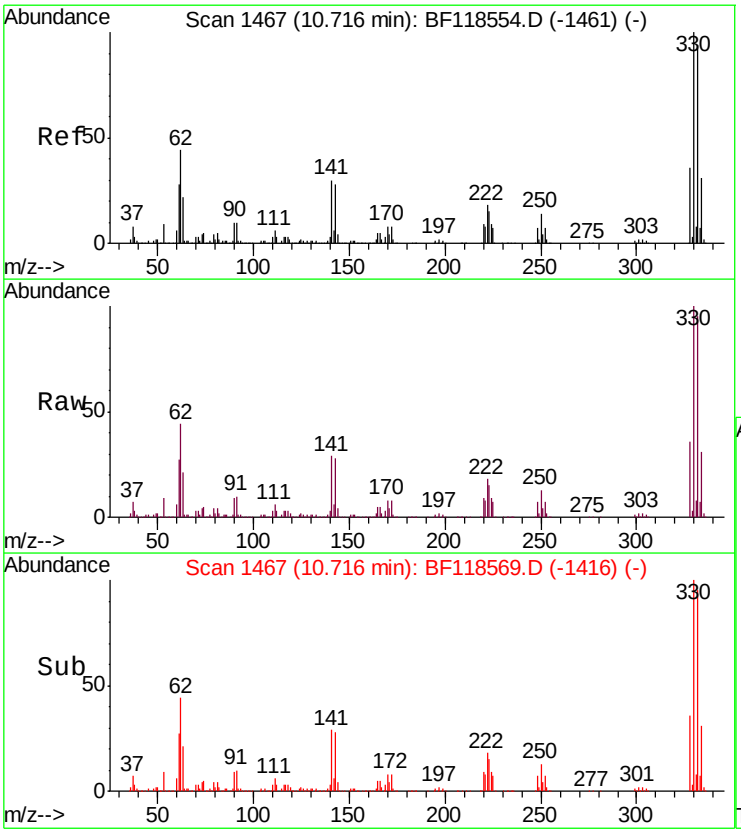
#41
Hexachlorocyclopentadiene
Concen: 118.504 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:237 Resp: 1373366

Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.1	82.1
272	13.7	0.0	34.3

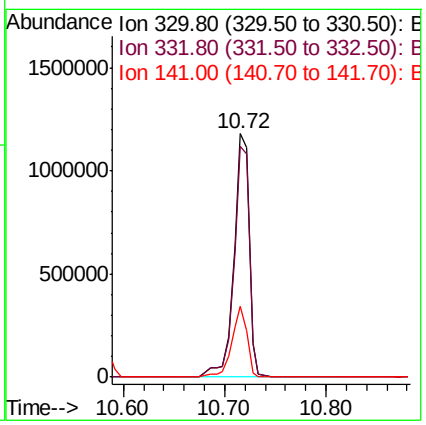


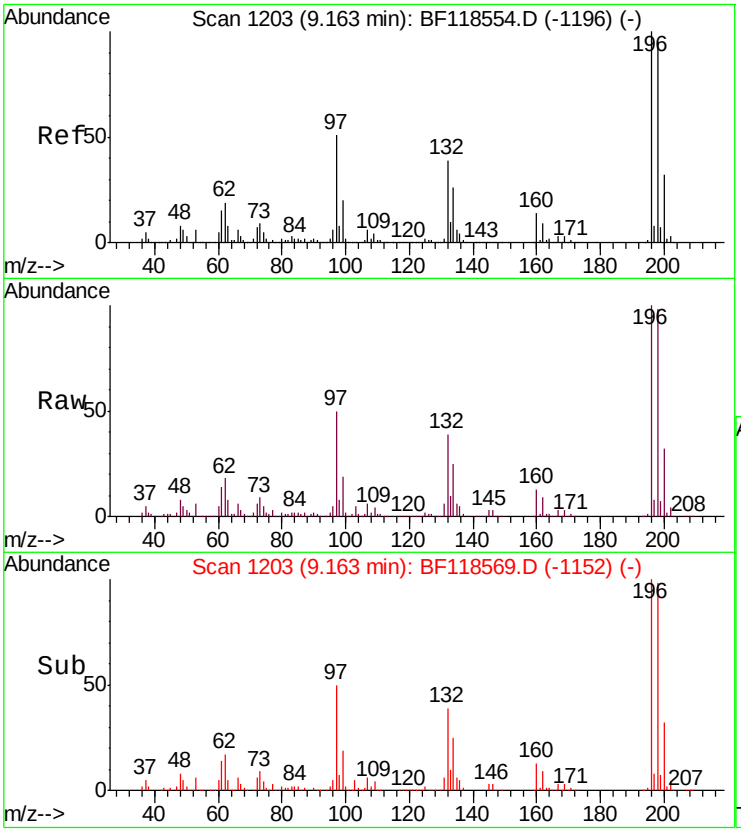


#42
2,4,6-Tribromophenol
Concen: 162.925 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:330 Resp: 1238602

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.4	114.6
141	28.8	23.4	35.2



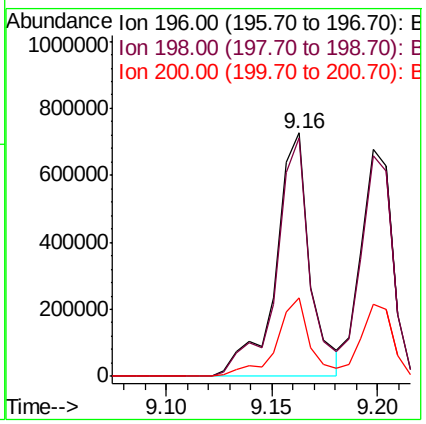


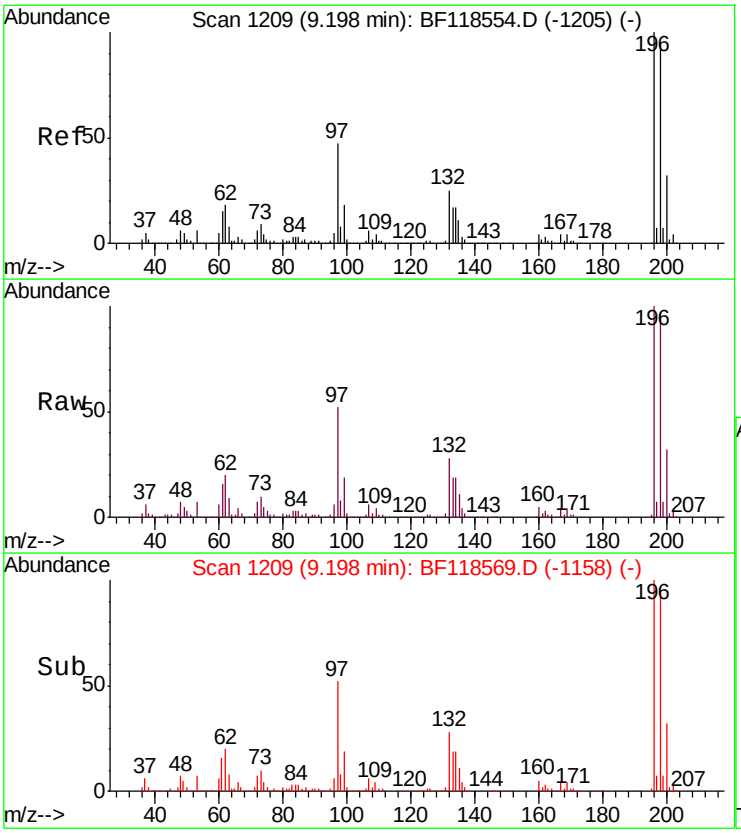
#43
2,4,6-Trichlorophenol
Concen: 58.238 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:196 Resp: 823040

Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.0	114.0
200	32.3	25.4	38.0

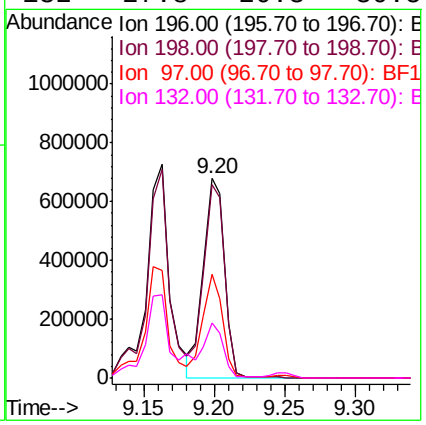


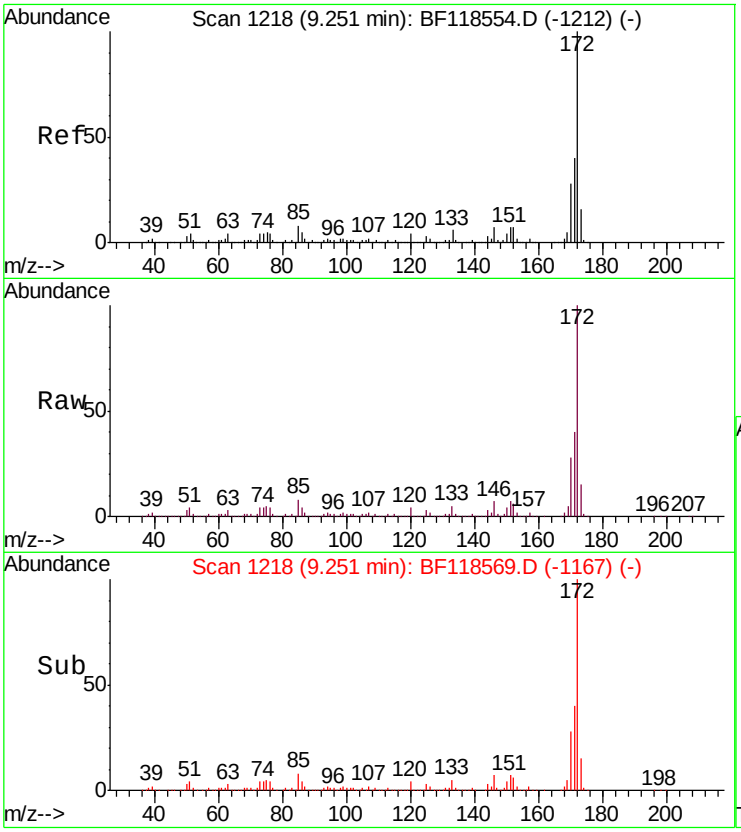


#44
2,4,5-Trichlorophenol
Concen: 49.645 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:196 Resp: 709329

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.2	114.4
97	52.2	37.4	56.2
132	27.8	20.3	30.5



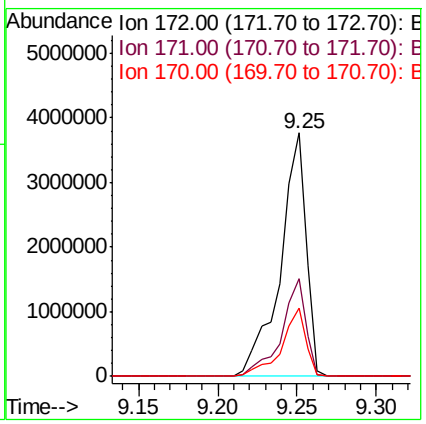


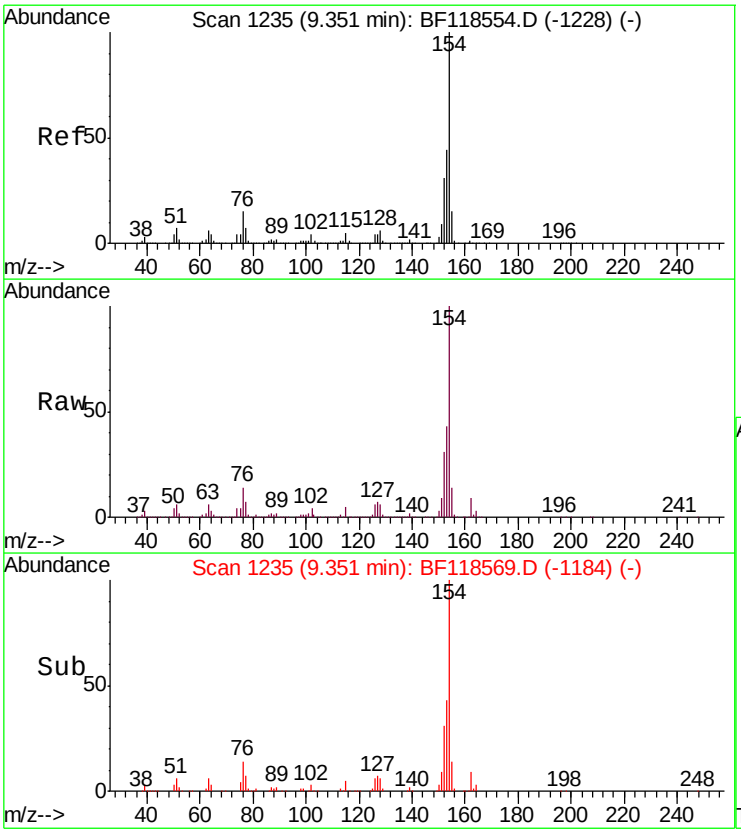
#45
2-Fluorobiphenyl
Concen: 111.838 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:172 Resp: 4260244

Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.4	48.6
170	27.8	22.5	33.7

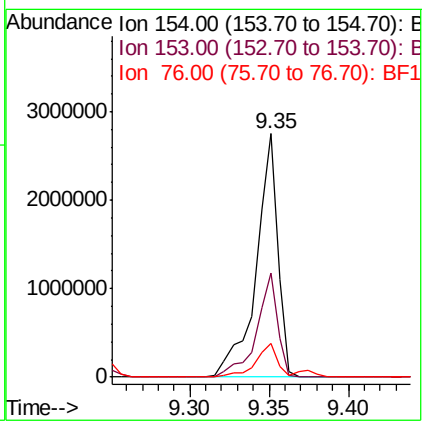


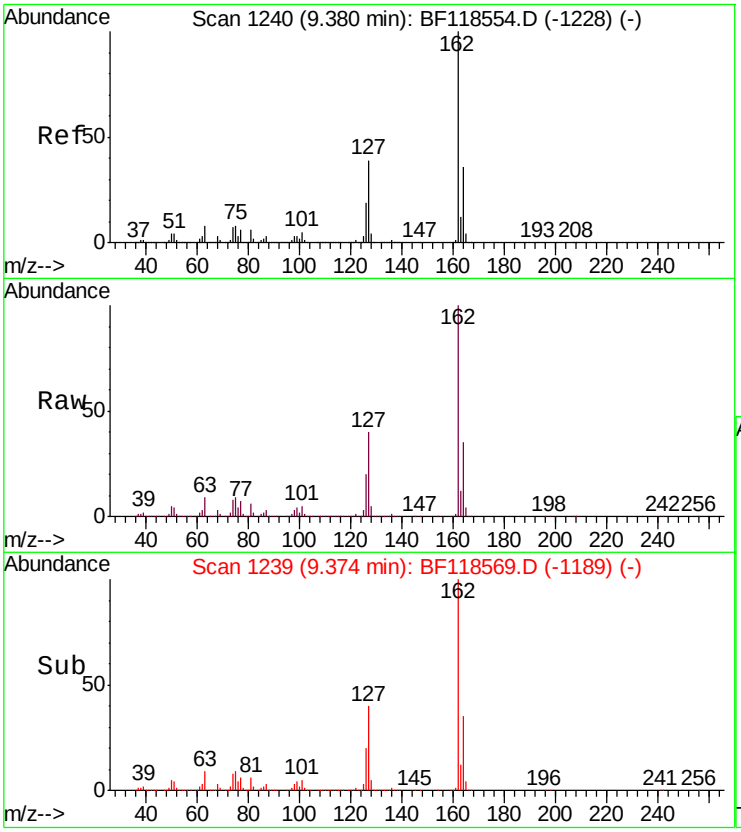


#46
1,1'-Biphenyl
Concen: 53.650 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:154 Resp: 2636245

Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.7	63.7
76	13.7	0.0	35.2



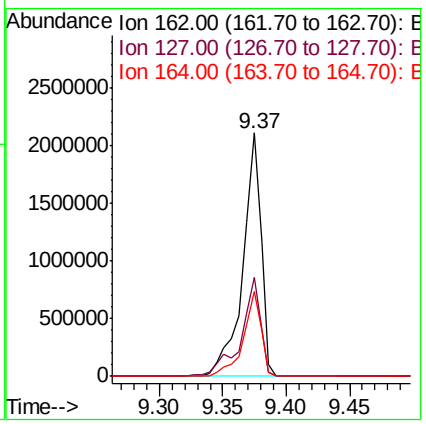


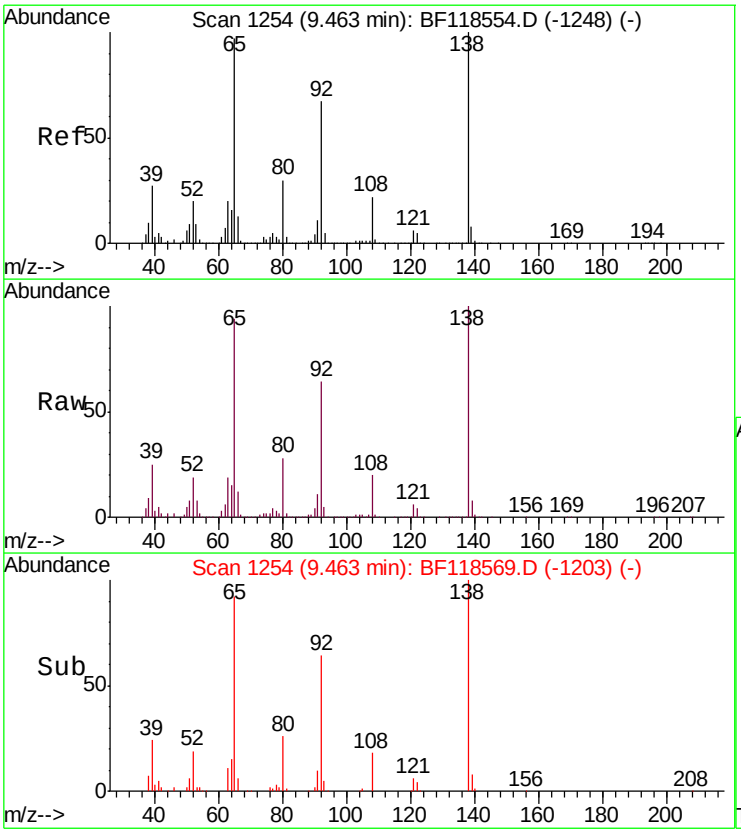
#47
2-Chloronaphthalene
Concen: 50.828 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:162 Resp: 2105129

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.0	46.4
164	34.9	28.6	42.8

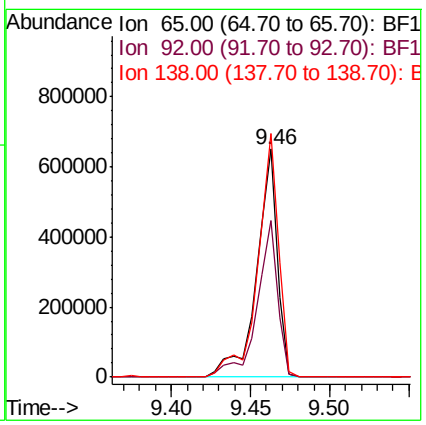


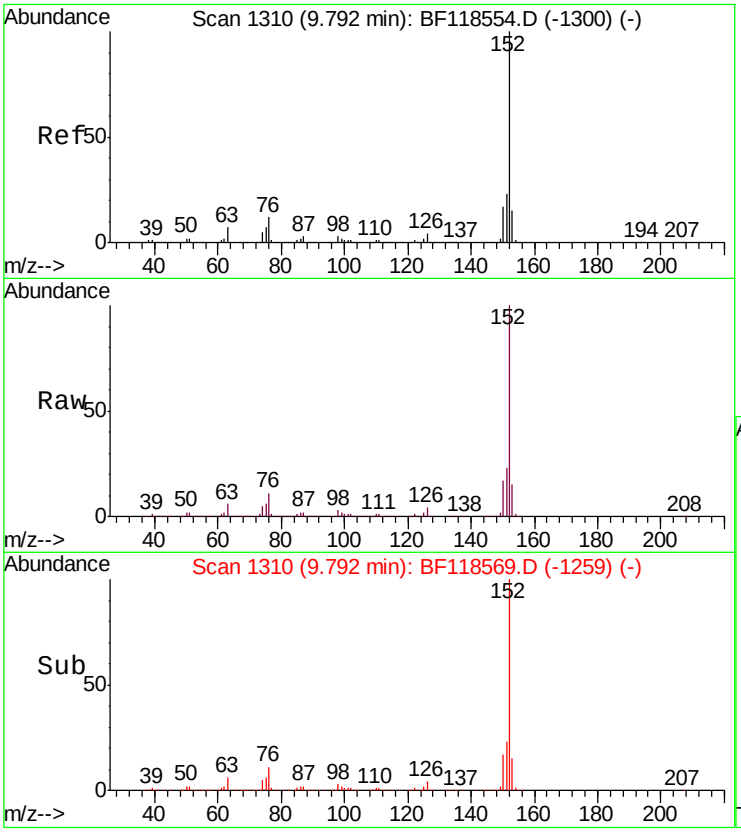


#48
2-Nitroaniline
Concen: 55.395 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion: 65 Resp: 596715

Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.3	82.9
138	106.9	82.9	124.3



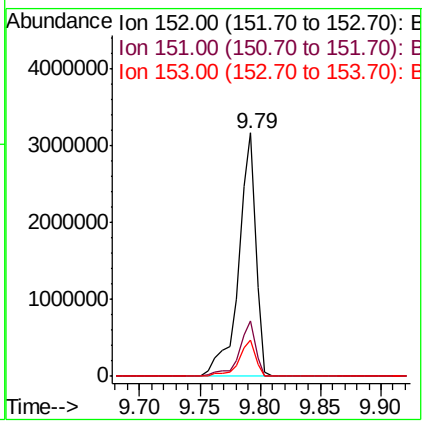


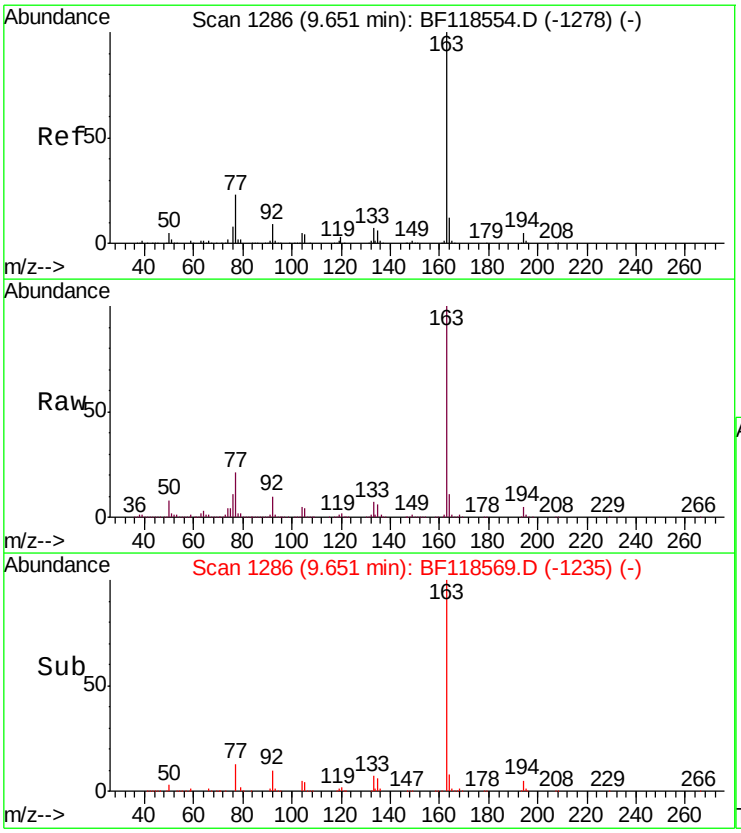
#49
Acenaphthylene
Concen: 54.022 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:152 Resp: 3159112

Ion	Ratio	Lower	Upper
152	100		
151	22.8	18.6	27.8
153	15.0	12.3	18.5

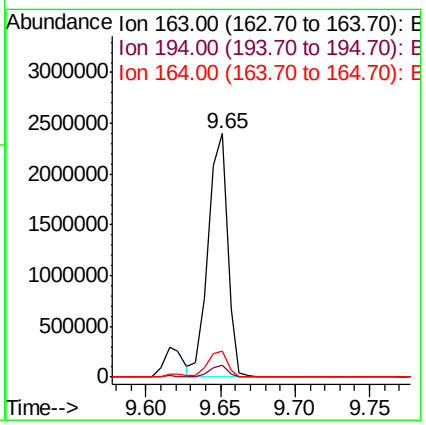


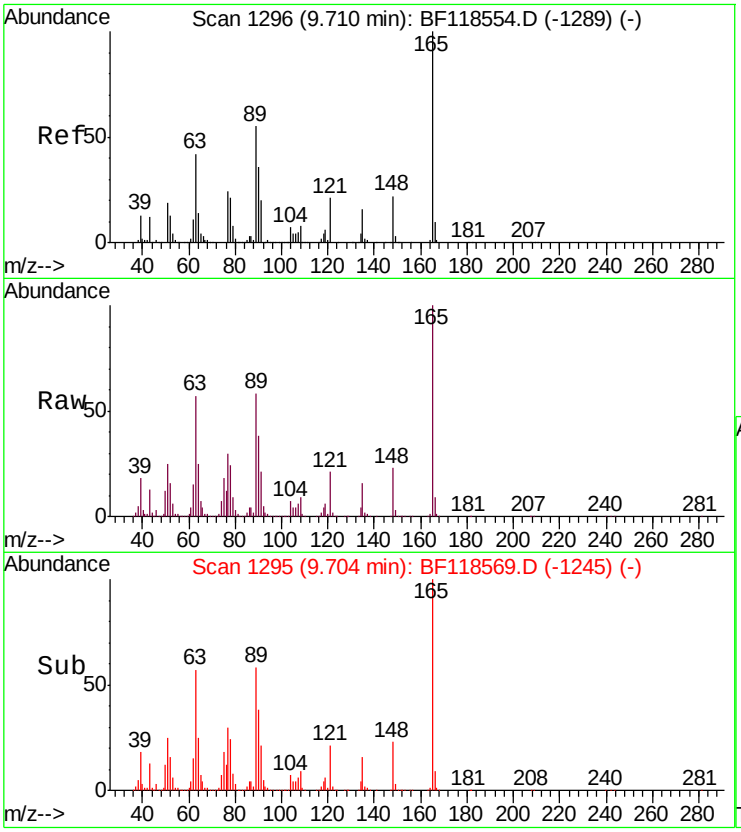


#50
Dimethylphthalate
Concen: 45.916 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:163 Resp: 2168026

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.9	9.3	13.9



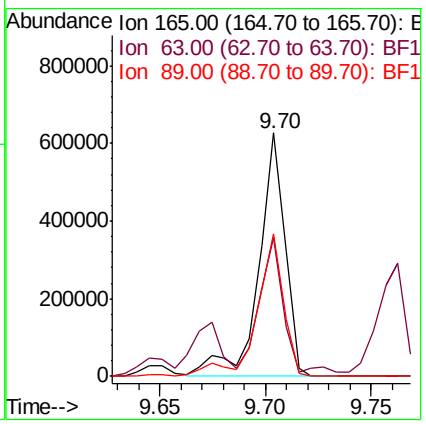


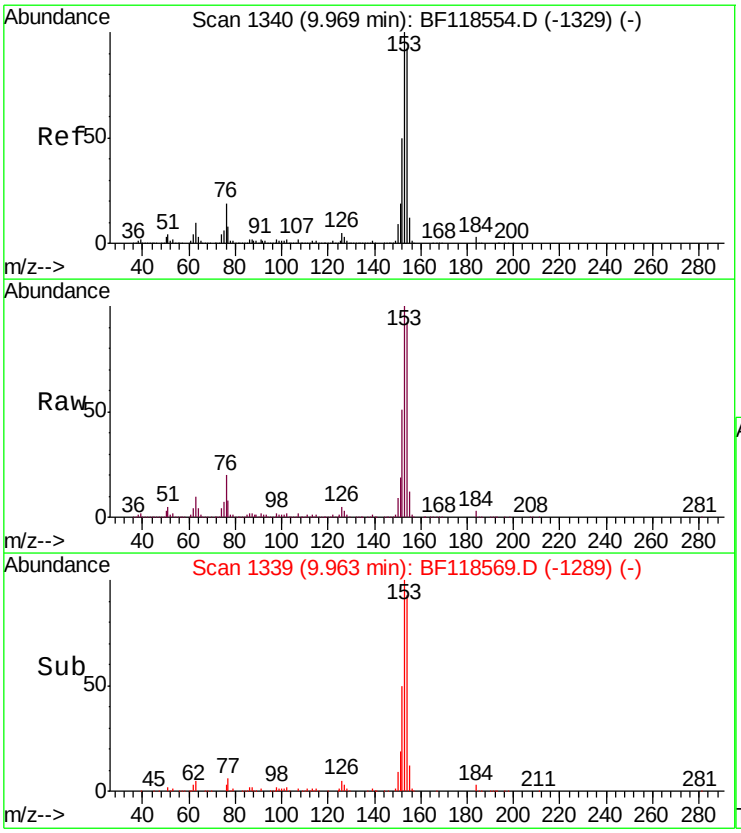
#51
2,6-Dinitrotoluene
Concen: 60.852 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:165 Resp: 548214

Ion	Ratio	Lower	Upper
165	100		
63	56.9	41.9	62.9
89	58.4	44.0	66.0

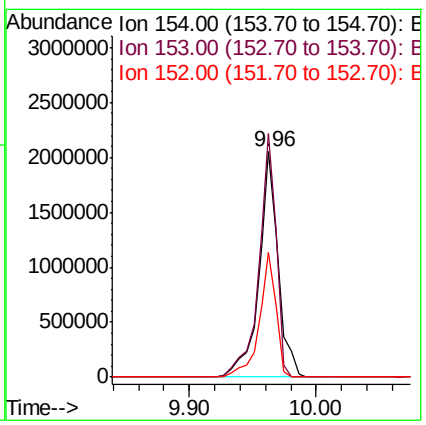


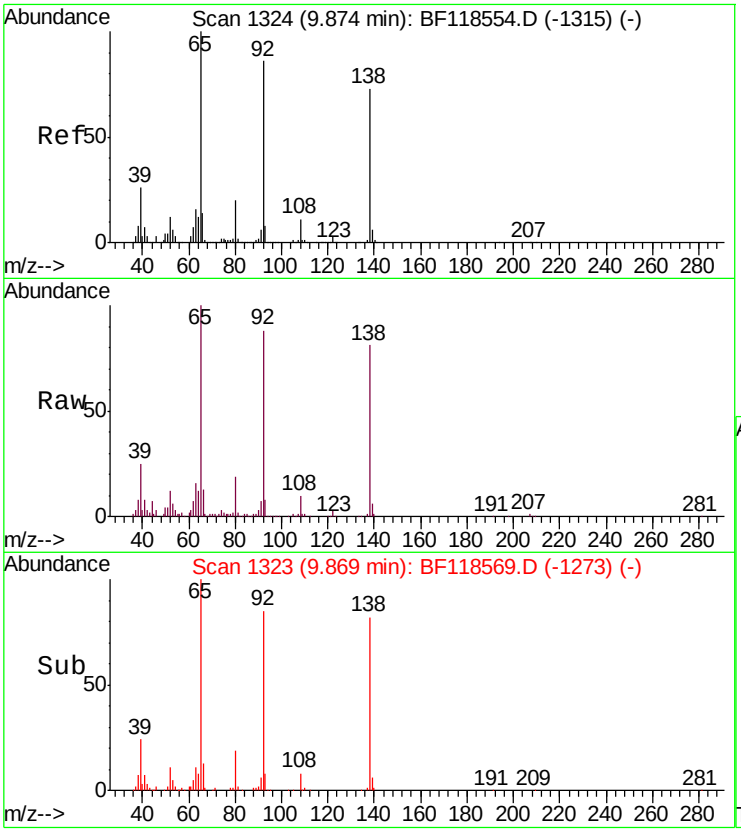


#52
Acenaphthene
Concen: 56.682 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:154 Resp: 2171445

Ion	Ratio	Lower	Upper
154	100		
153	108.1	87.0	130.4
152	55.2	43.8	65.8



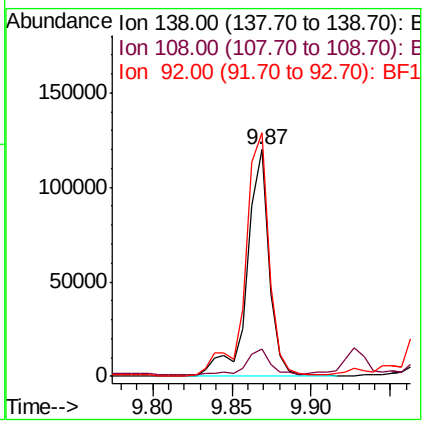


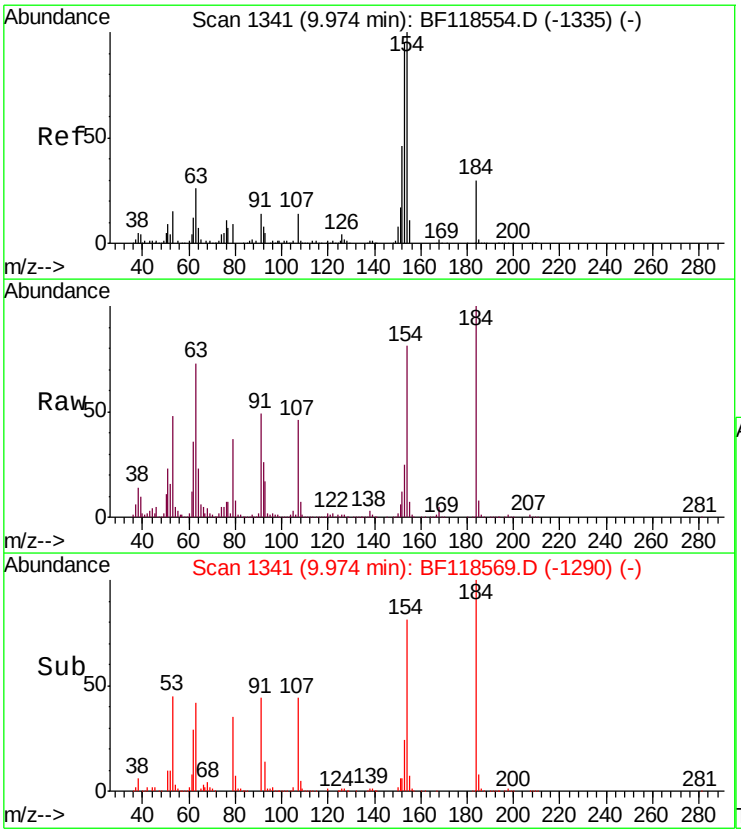
#53
3-Nitroaniline
Concen: 11.393 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:138 Resp: 116274

Ion	Ratio	Lower	Upper
138	100		
108	12.3	12.2	18.4
92	107.4	94.2	141.2

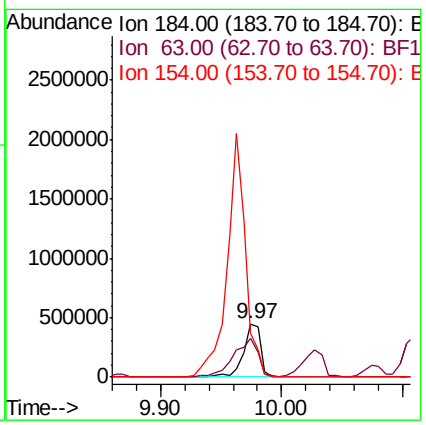


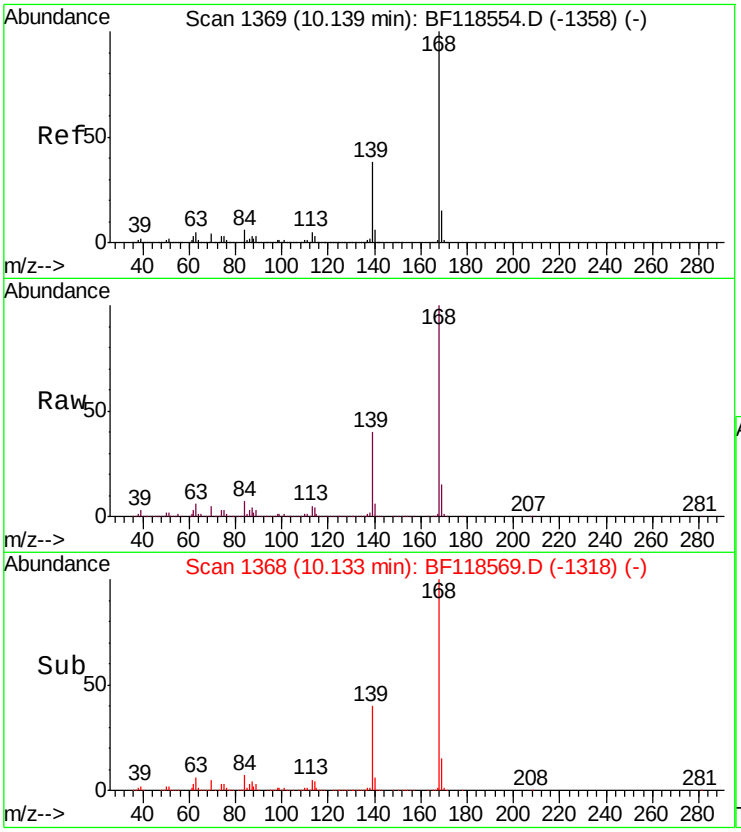


#54
2,4-Dinitrophenol
Concen: 111.873 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:184 Resp: 448632

Ion	Ratio	Lower	Upper
184	100		
63	73.0	69.4	104.0
154	81.4	268.5	402.7#



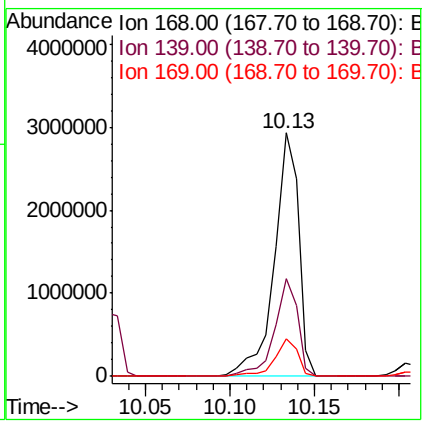


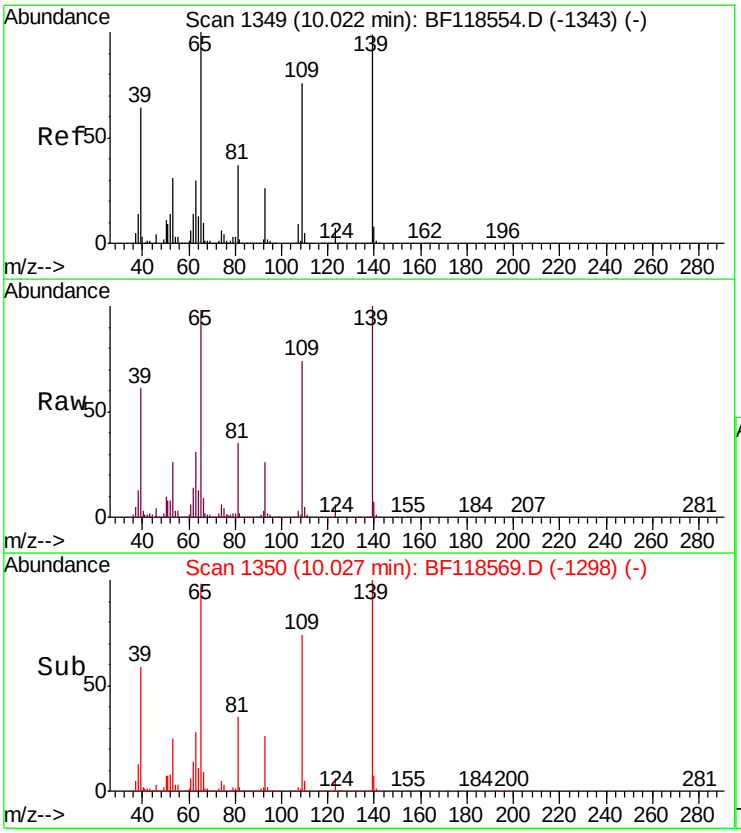
#55
Dibenzofuran
Concen: 53.918 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:168 Resp: 2923033

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.6	46.0
169	15.5	11.9	17.9

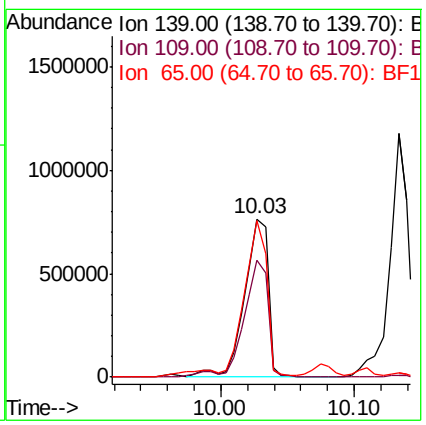


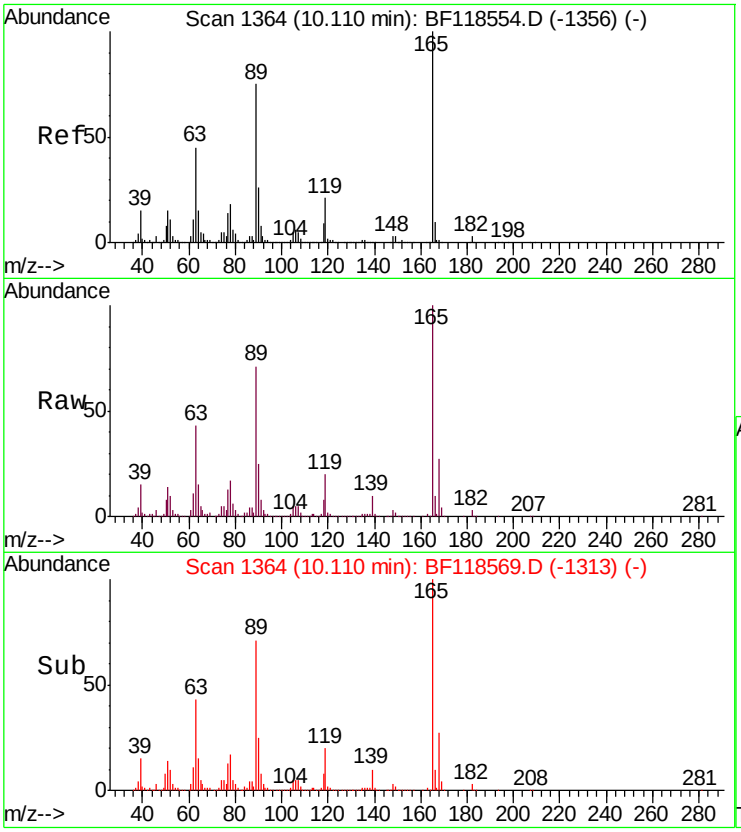


#56
4-Nitrophenol
Concen: 122.298 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:139 Resp: 921989

Ion	Ratio	Lower	Upper
139	100		
109	74.0	56.9	96.9
65	98.5	81.7	121.7



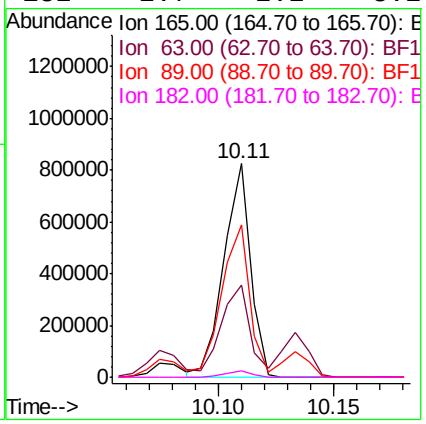


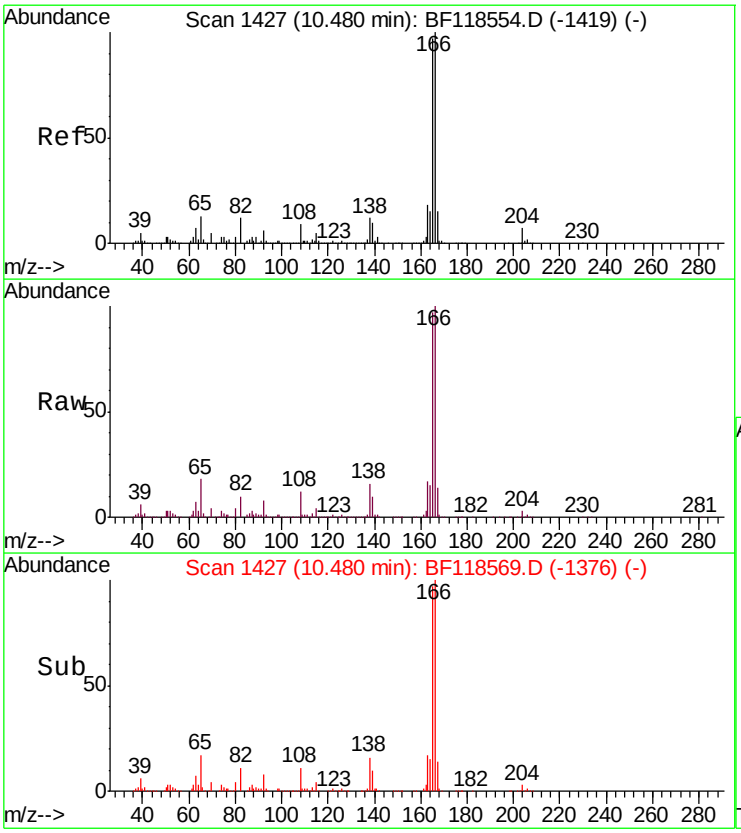
#57
2,4-Dinitrotoluene
Concen: 55.055 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:165 Resp: 663561

Ion	Ratio	Lower	Upper
165	100		
63	43.0	35.8	53.6
89	71.3	59.9	89.9
182	2.7	2.2	3.2

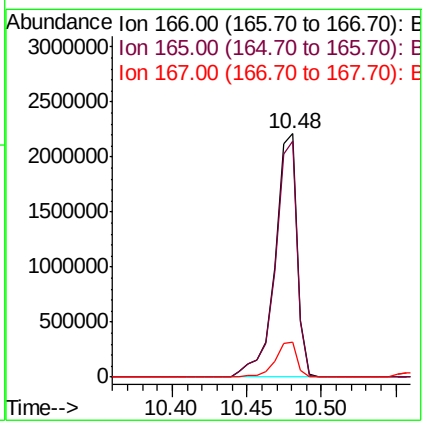


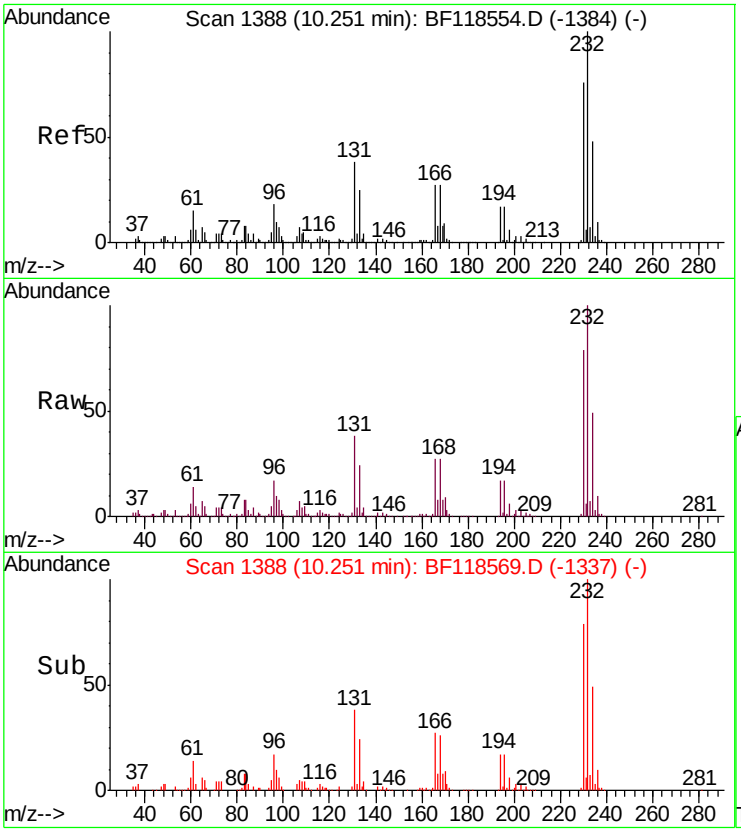


#58
Fluorene
Concen: 54.809 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:166 Resp: 2300941

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.8
167	14.2	11.7	17.5



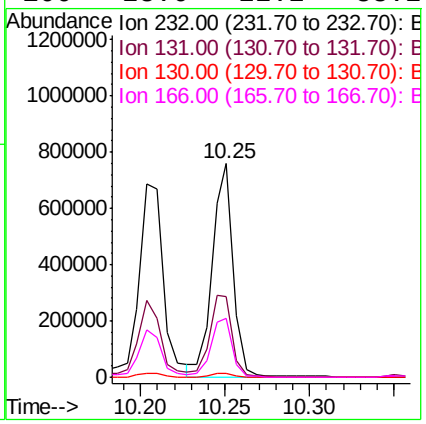


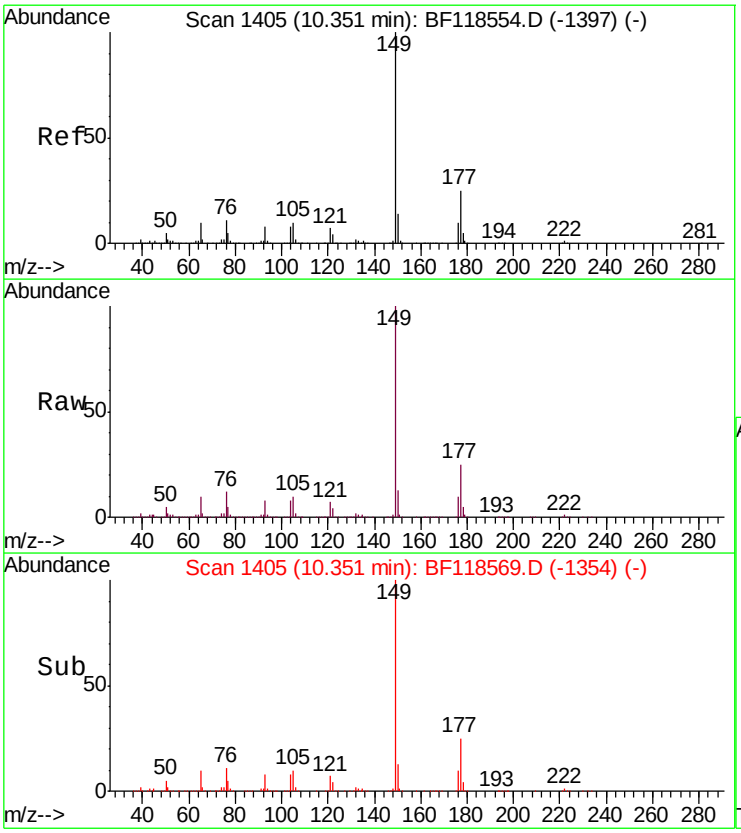
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.795 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:232 Resp: 657569

Ion	Ratio	Lower	Upper
232	100		
131	42.1	32.3	48.5
130	2.2	1.7	2.5
166	28.6	22.2	33.2

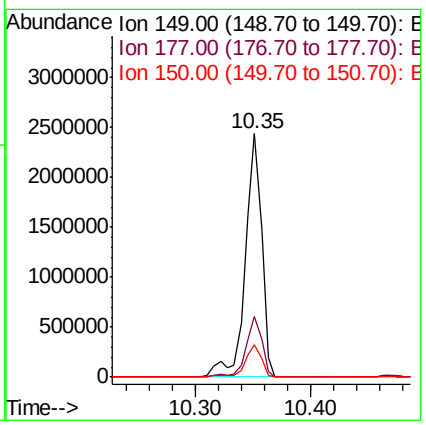


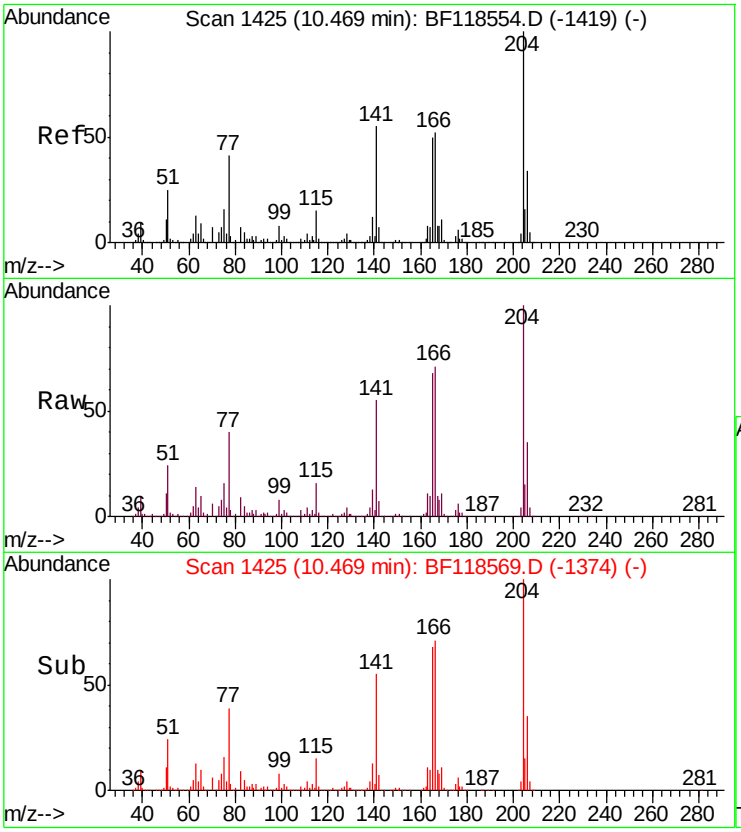


#60
Diethylphthalate
Concen: 51.869 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:149 Resp: 2390964

Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.2	30.4
150	13.5	11.0	16.4



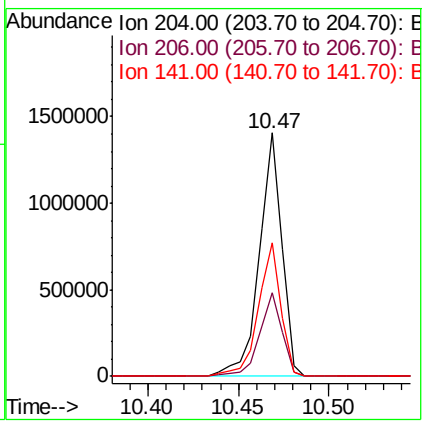


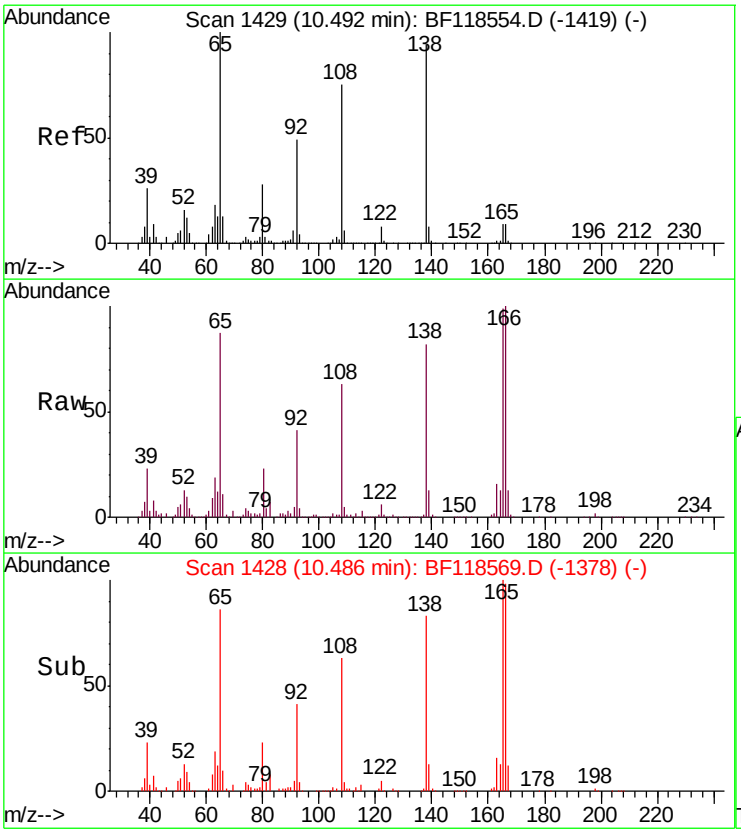
#61
4-Chlorophenyl-phenylether
Concen: 53.135 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:204 Resp: 1220350

Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.1	40.7
141	54.9	44.4	66.6

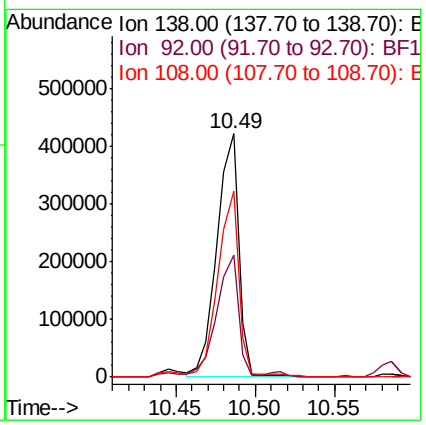


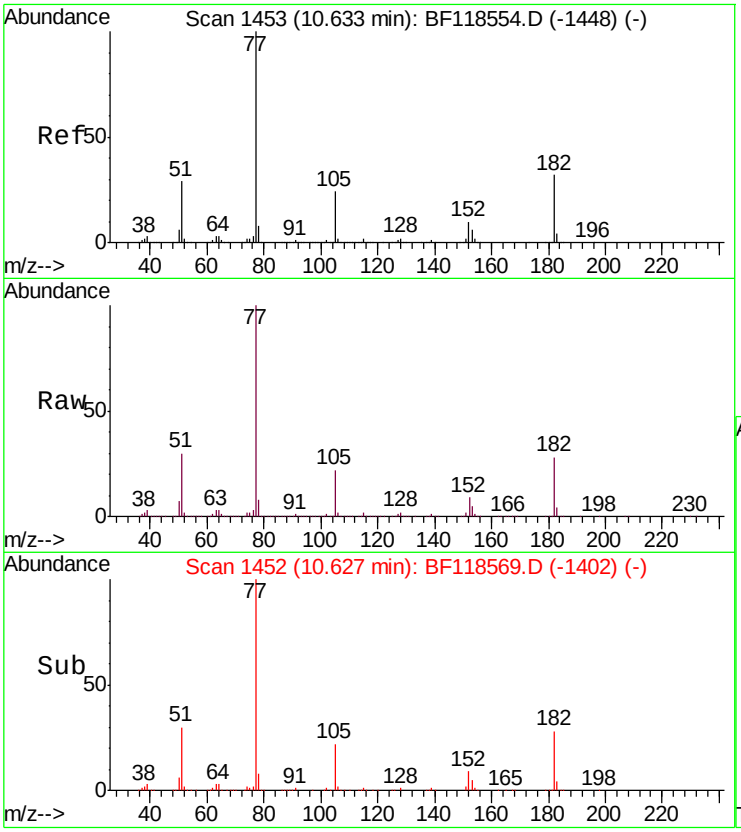


#62
4-Nitroaniline
Concen: 40.066 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:138 Resp: 406111

Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.7	71.7
108	76.3	59.6	99.6



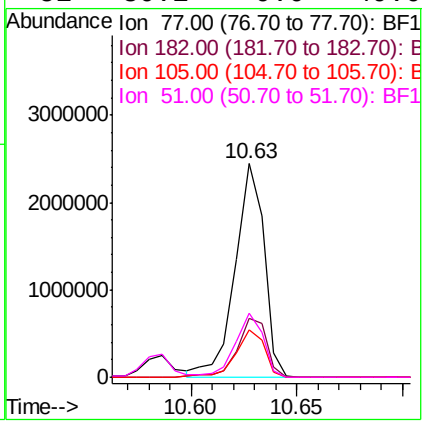


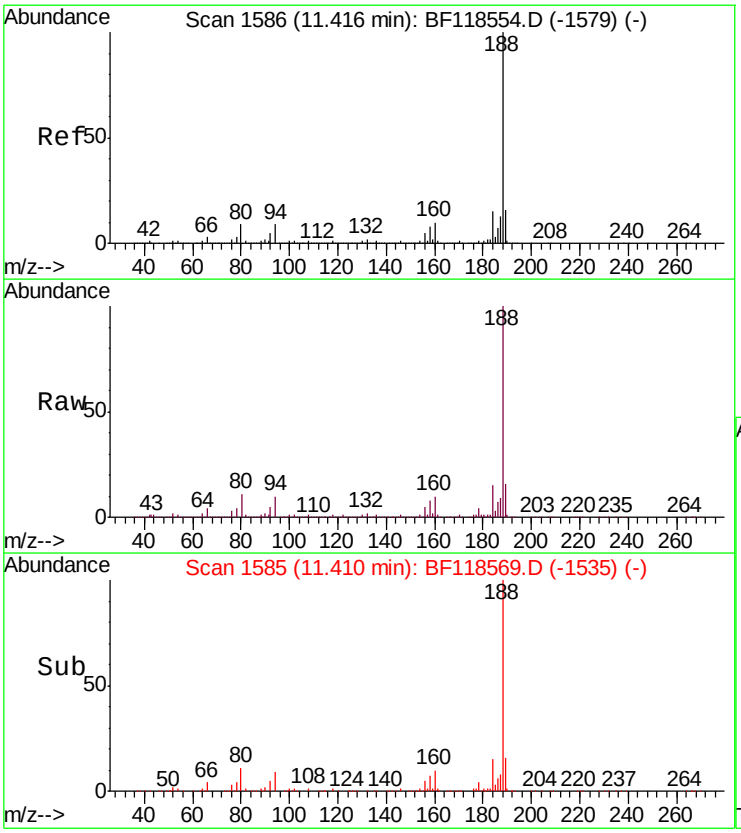
#63
Azobenzene
Concen: 51.710 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion: 77 Resp: 2323161

Ion	Ratio	Lower	Upper
77	100		
182	27.8	11.7	51.7
105	22.1	3.6	43.6
51	30.1	9.0	49.0

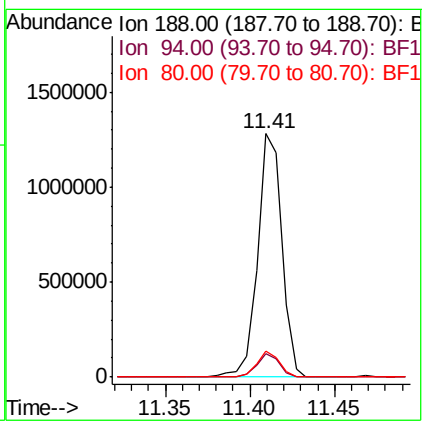


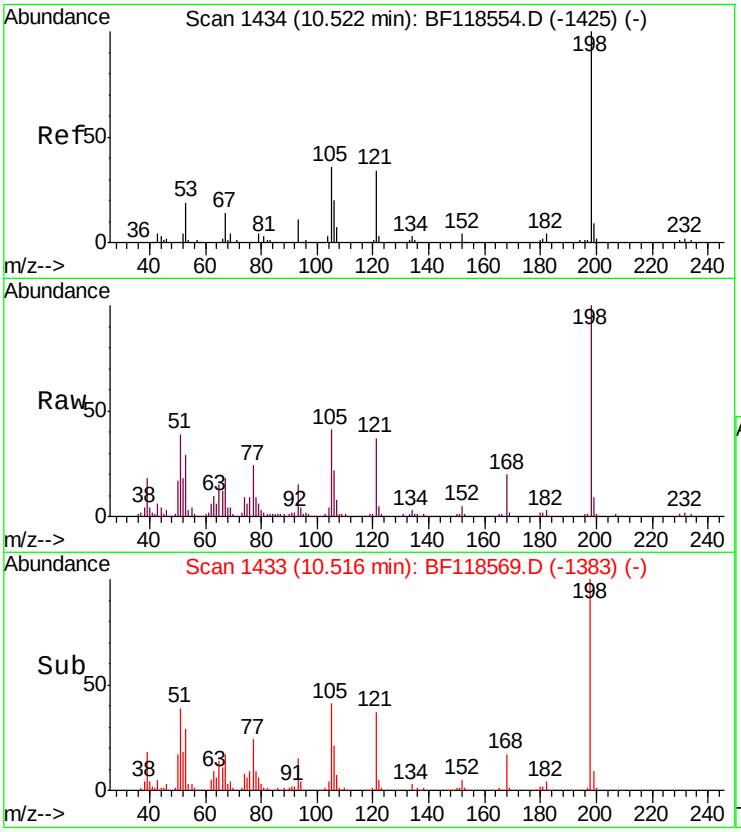


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:188 Resp: 1279856

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	10.6	7.4	11.2



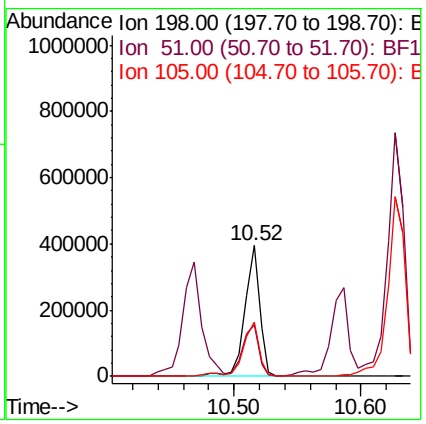


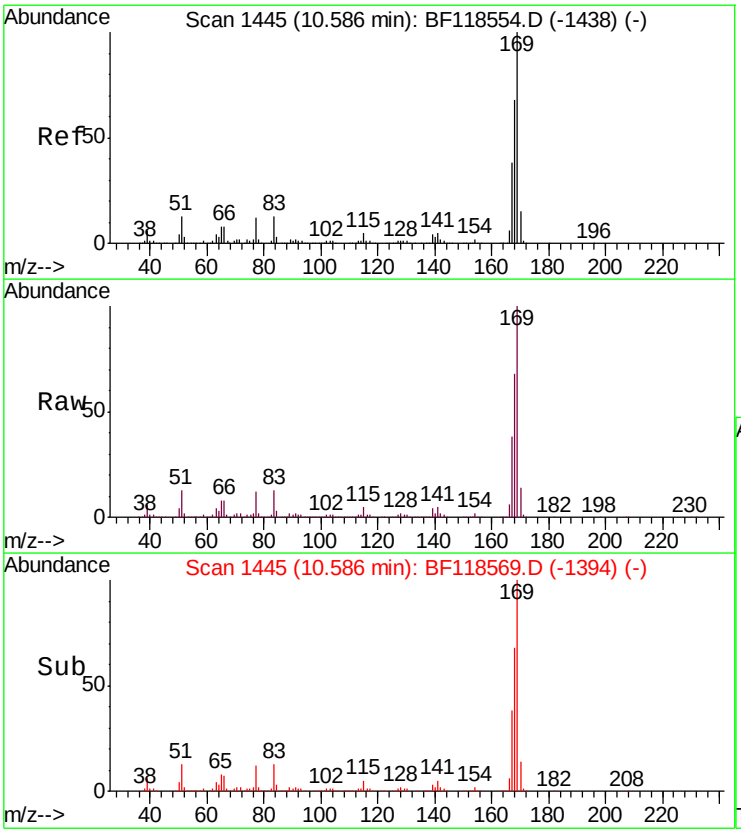
#65
4,6-Dinitro-2-methylphenol
Concen: 58.743 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:198 Resp: 320197

Ion	Ratio	Lower	Upper
198	100		
51	39.4	13.2	53.2
105	41.1	17.2	57.2

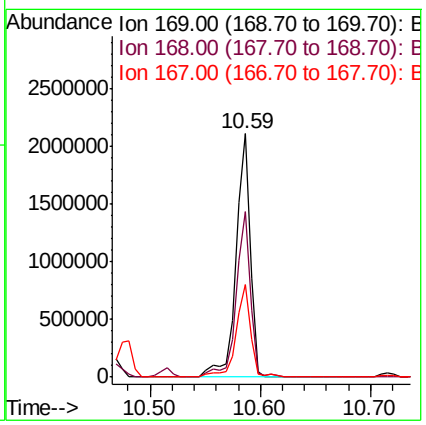


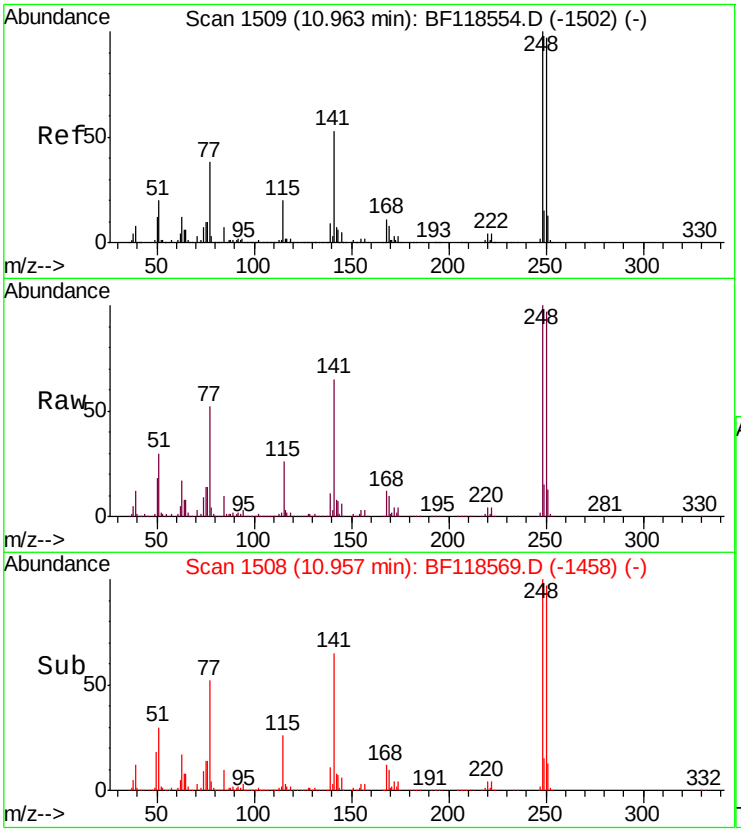


#66
n-Nitrosodiphenylamine
Concen: 46.483 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:169 Resp: 1911587

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.4
167	38.0	30.5	45.7



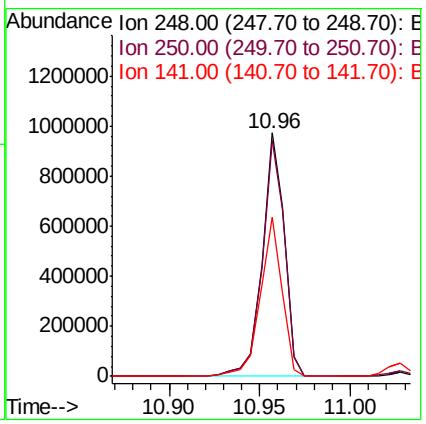


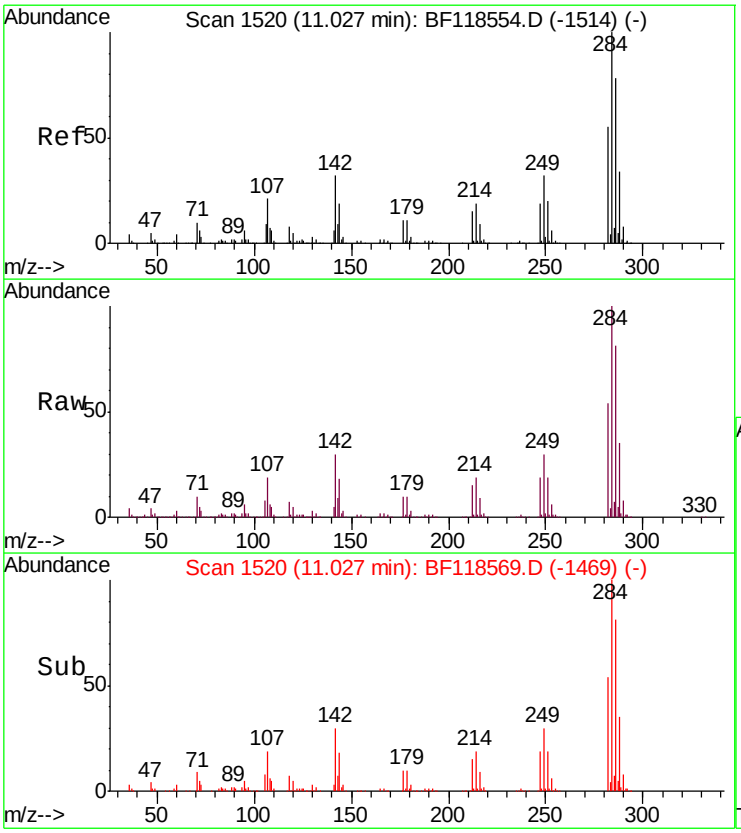
#67
4-Bromophenyl-phenylether
Concen: 47.989 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:248 Resp: 822161

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.8
141	65.2	42.7	64.1#

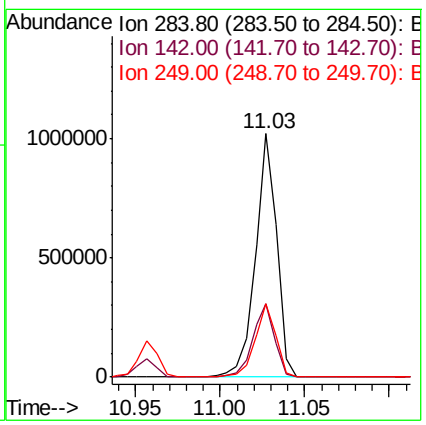


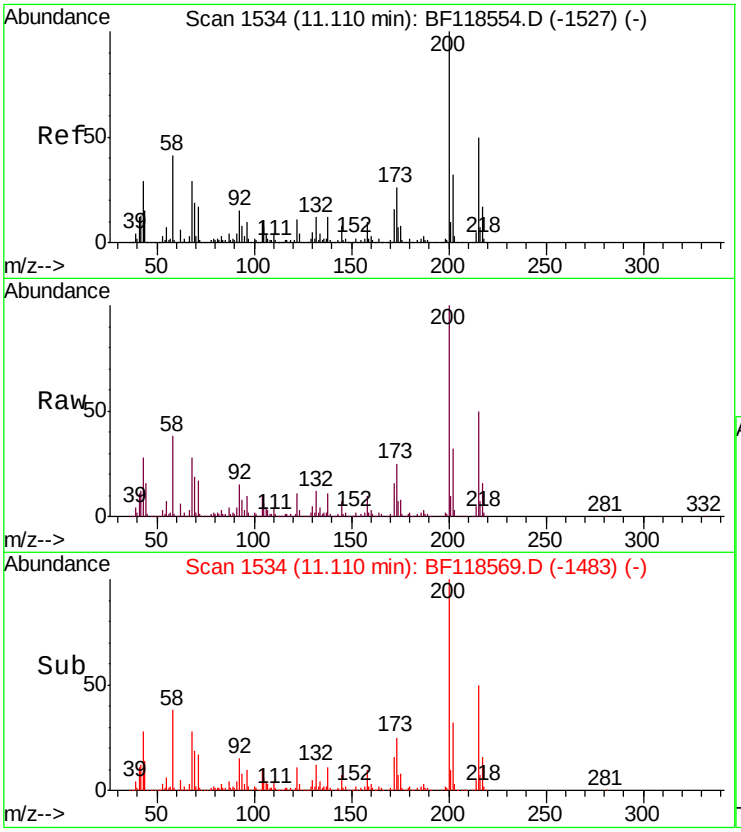


#68
Hexachlorobenzene
Concen: 47.076 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:284 Resp: 893748

Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.6	38.4
249	30.2	25.6	38.4



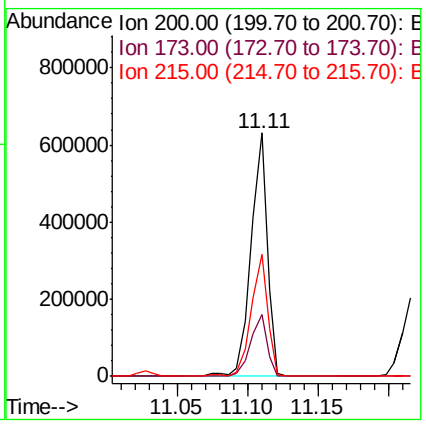


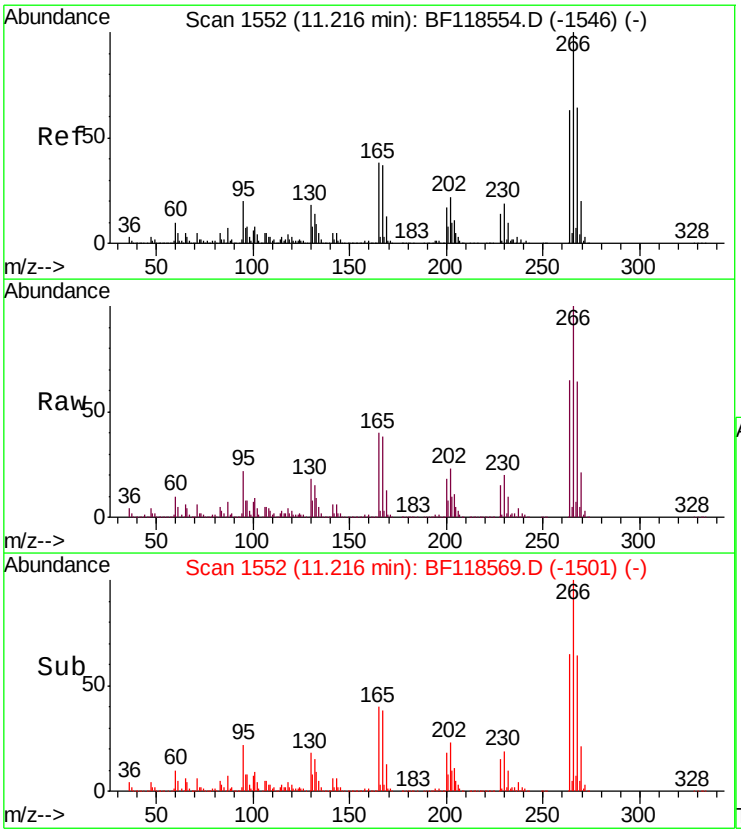
#69
Atrazine
Concen: 43.530 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Tgt Ion:200 Resp: 516583

Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.8	45.8
215	50.1	29.8	69.8





#70
Pentachlorophenol
Concen: 113.462 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118569.D
Acq: 17 Jan 2020 20:27

Tgt Ion:266 Resp: 1058662

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.4
264	64.6	50.5	75.7