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

Quantitation Report (Not Reviewed)

Data File : BF118563.D
Acq On : 17 Jan 2020 17:39
Operator : JU
Sample : L1006-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-011520

Quant Time: Jan 18 01:02:00 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	314643	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1158332	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	651265	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	1239057	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1101350	20.00	ng		0.00
87) Perylene-d12	15.52	264	1190768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2389747	140.34	ng		0.01
7) Phenol-d6	6.52	99	2940450	131.78	ng		0.00
23) Nitrobenzene-d5	7.45	82	1963330	104.68	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	1124967	156.25	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3583505	99.33	ng		0.00
79) Terphenyl-d14	13.00	244	4725865	84.74	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.47	79	118	0.005	ng	#	1
4) n-Nitrosodimethylamine	3.37	42	354	0.034	ng	#	1
6) Aniline	6.50	93	949	0.032	ng	#	1
8) 2-Chlorophenol	6.67	128	701	0.036	ng	#	1
9) Benzaldehyde	6.52	77	6025	0.527	ng	#	3
10) Phenol	6.52	94	1560	0.064	ng	#	1
11) bis(2-Chloroethyl)ether	6.66	93	4403	0.225	ng	#	1
12) 1,3-Dichlorobenzene	7.05	146	106	0.005	ng	#	1
13) 1,4-Dichlorobenzene	7.05	146	106	0.005	ng	#	1
14) 1,2-Dichlorobenzene	7.05	146	106	0.005	ng	#	1
15) Benzyl Alcohol	7.05	79	36005	1.966	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.13	45	79	0.003	ng		65
17) 2-Methylphenol	7.05	107	322	0.020	ng	#	1
18) Hexachloroethane	7.42	117	437	0.052	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	284415	17.775	ng	#	78
20) 3+4-Methylphenols	7.05	107	322	0.016	ng	#	1
22) Acetophenone	7.29	105	3812	0.136	ng	#	89
24) Nitrobenzene	7.45	77	8780	0.440	ng	#	34
25) Isophorone	7.45	82	1956666	48.070	ng	#	63
27) 2,4-Dimethylphenol	7.83	122	3197	0.197	ng	#	4
28) bis(2-Chloroethoxy)methane	7.90	93	128	0.005	ng	#	48
31) Naphthalene	8.19	128	14004	0.256	ng		96
32) Benzoic acid	7.83	122	3197	8.095	ng		90
33) 4-Chloroaniline	8.19	127	2973	0.117	ng	#	53
35) Caprolactam	8.55	113	1425	0.257	ng	#	24
36) 4-Chloro-3-methylphenol	8.62	107	115	0.007	ng	#	19
37) 2-Methylnaphthalene	8.88	142	8530	0.220	ng		99
38) 1-Methylnaphthalene	8.88	142	8530	0.233	ng		96
46) 1,1'-Biphenyl	9.35	154	10558	0.227	ng		95
48) 2-Nitroaniline	9.43	65	731	0.072	ng	#	5
49) Acenaphthylene	9.78	152	1091	0.020	ng	#	77
51) 2,6-Dinitrotoluene	9.92	165	84850	9.945	ng	#	27
52) Acenaphthene	9.96	154	2997	0.083	ng		91
53) 3-Nitroaniline	10.02	138	440	0.046	ng	#	1

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

Quantitation Report (Not Reviewed)

Data File : BF118563.D
Acq On : 17 Jan 2020 17:39
Operator : JU
Sample : L1006-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-011520

Quant Time: Jan 18 01:02:00 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)
55) Dibenzofuran	10.13	168	2950	0.057	ng	#	87
56) 4-Nitrophenol	10.00	139	169	0.024	ng	#	79
57) 2,4-Dinitrotoluene	9.92	165	84850	11.792	ng	#	22
58) Fluorene	10.47	166	3706	0.093	ng	#	84
60) Diethylphthalate	10.33	149	6194	0.142	ng	#	92
63) Azobenzene	10.63	77	1443	0.034	ng	#	33
65) 4,6-Dinitro-2-methylphenol	10.71	198	2331	10.094	ng	#	1
66) n-Nitrosodiphenylamine	10.71	169	30312	0.761	ng	#	43
67) 4-Bromophenyl-phenylether	10.71	248	71962	4.339	ng	#	1
70) Pentachlorophenol	11.20	266	121	0.013	ng	#	19
71) Phenanthrene	11.43	178	9651	0.155	ng		97
72) Anthracene	11.48	178	2263	0.036	ng		96
73) Carbazole	11.63	167	3555	0.063	ng	#	92
74) Di-n-butylphthalate	11.97	149	9701	0.139	ng	#	95
75) Fluoranthene	12.62	202	2768	0.041	ng		95
77) Benzidine	13.00	184	68950	2.577	ng	#	93
78) Pyrene	12.62	202	2768	0.034	ng		96
80) Butylbenzylphthalate	13.46	149	1565	0.044	ng	#	35
81) Benzo(a)anthracene	14.04	228	4671	0.067	ng	#	51
82) 3,3'-Dichlorobenzidine	14.22	252	372	0.015	ng	#	1
83) Chrysene	14.04	228	4671	0.070	ng	#	48
84) Bis(2-ethylhexyl)phthalate	14.03	149	21600	0.494	ng		97
85) Di-n-octyl phthalate	14.64	149	984	0.015	ng	#	71
88) Benzo(b)fluoranthene	15.07	252	778	0.010	ng	#	19
89) Benzo(k)fluoranthene	15.10	252	697	0.010	ng	#	1
90) Benzo(a)pyrene	15.44	252	313	0.005	ng	#	1

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

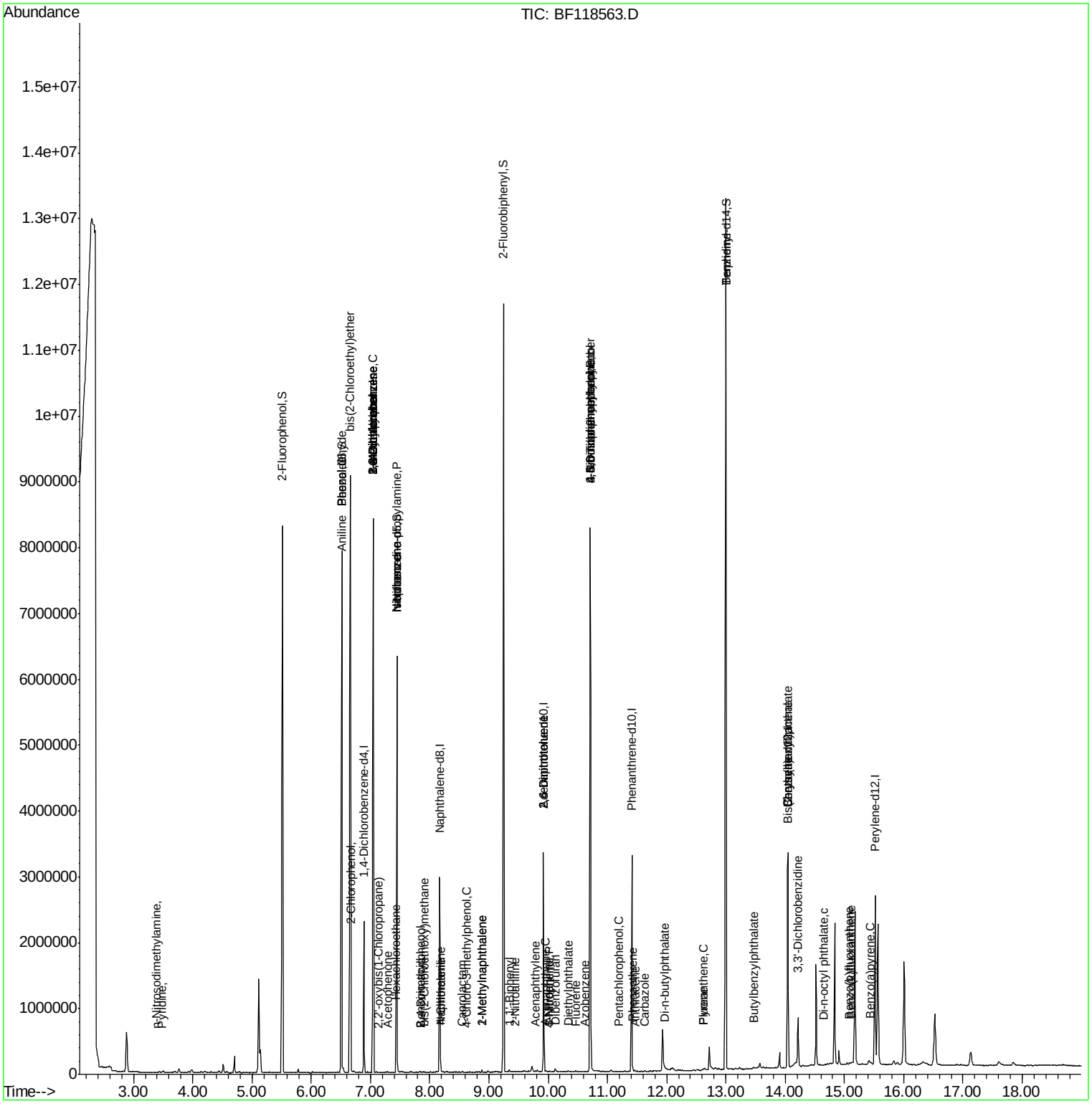
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

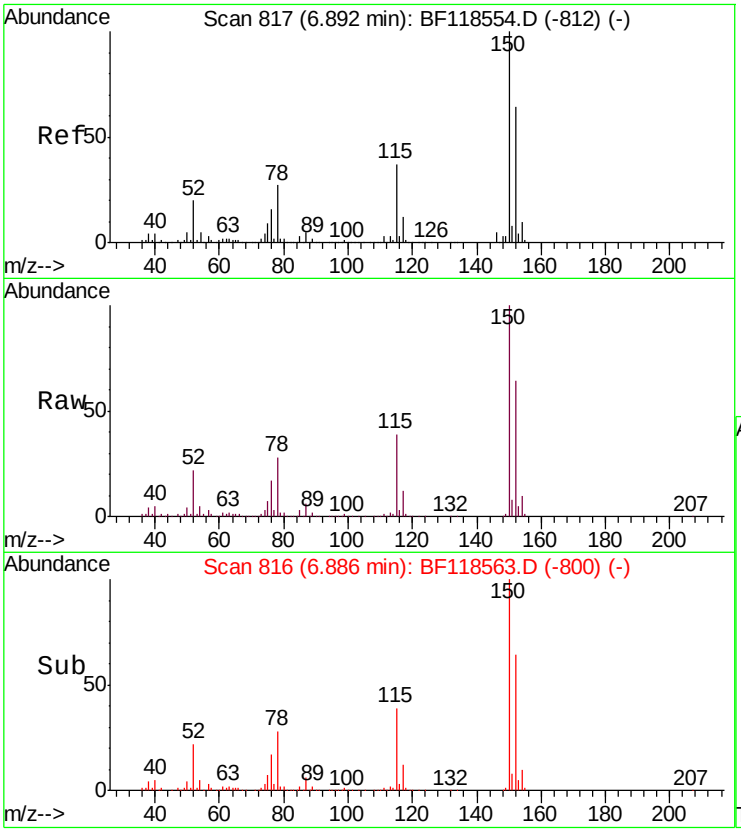
Quantitation Report (Not Reviewed)

Data File : BF118563.D
Acq On : 17 Jan 2020 17:39
Operator : JU
Sample : L1006-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Quant Time: Jan 18 01:02:00 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



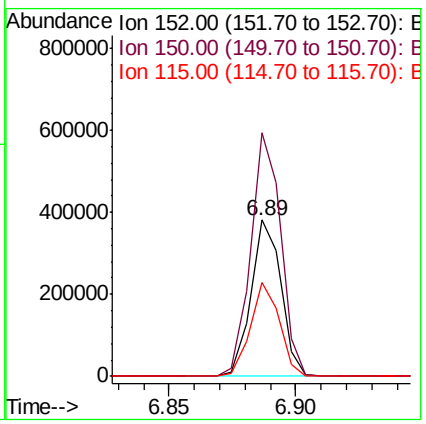


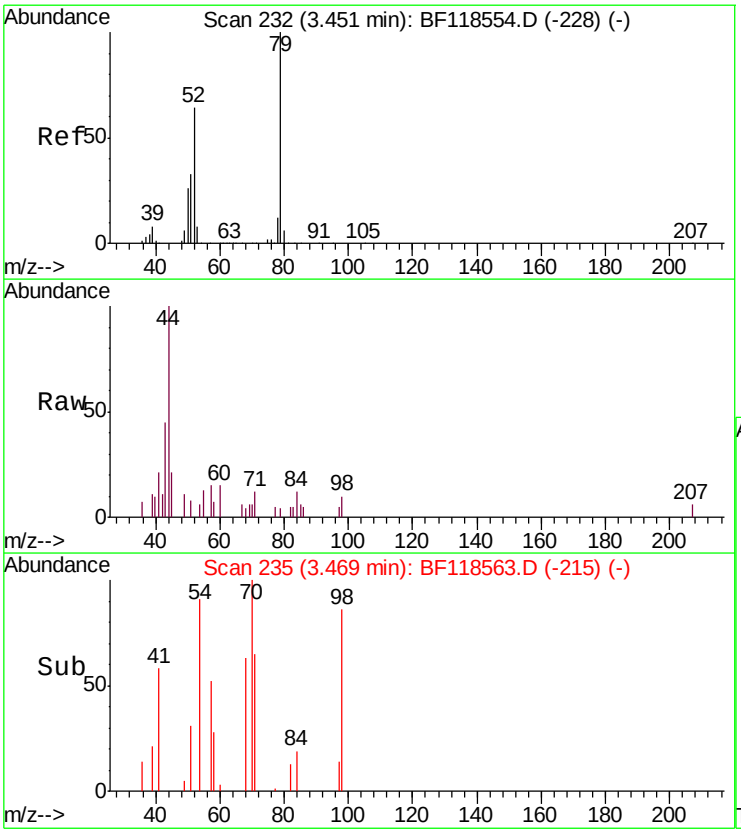
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:152 Resp: 314643

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	60.0	45.8	68.6

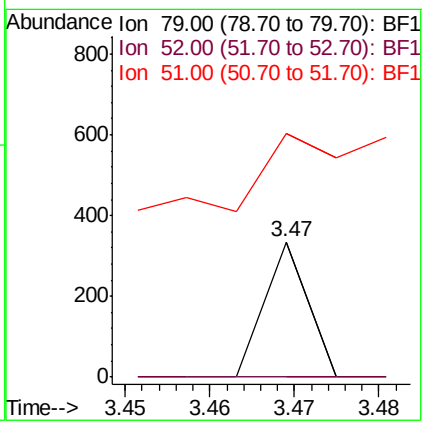


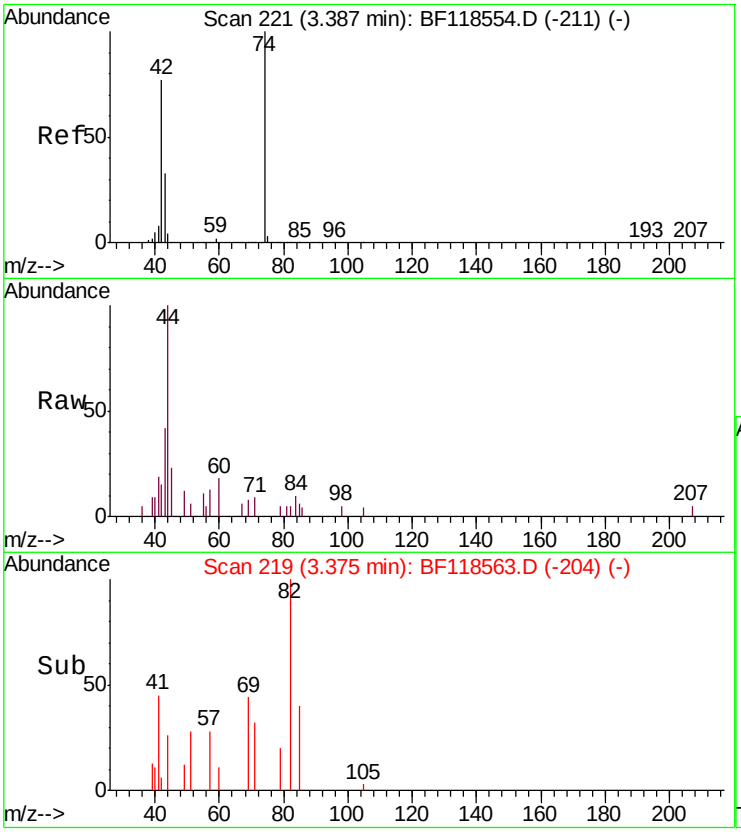


#3
Pyridine
Concen: 0.005 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 79 Resp: 118

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.3	76.9#
51	180.5	26.7	40.1#



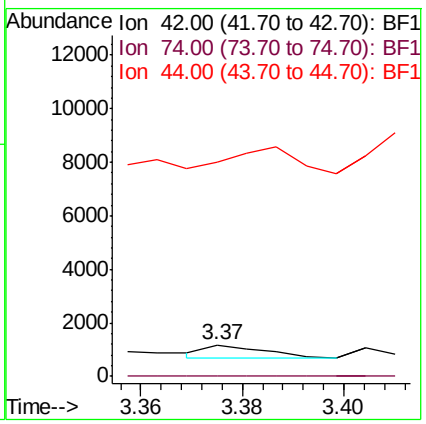


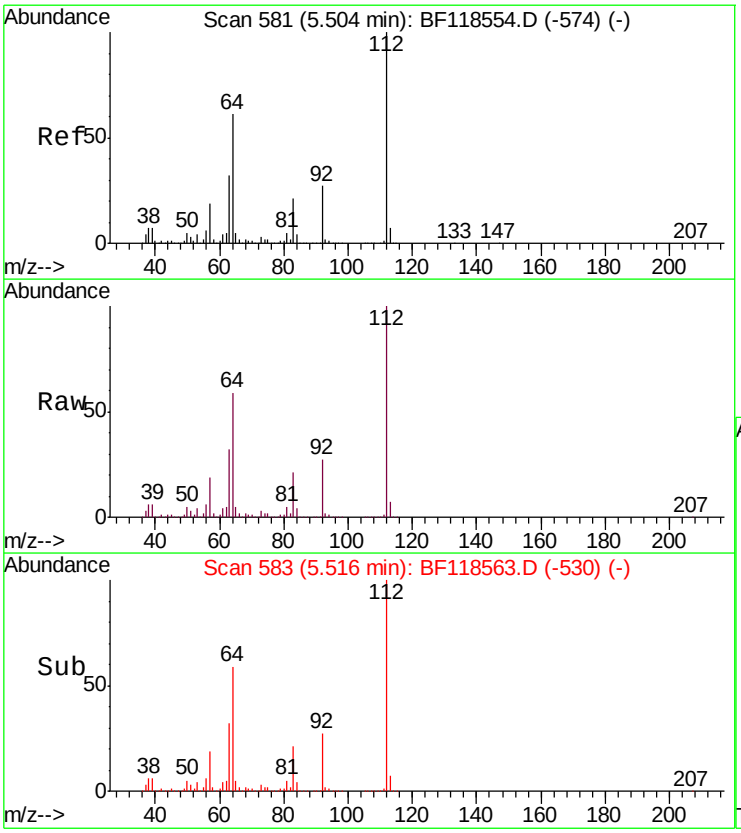
#4
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.37 min Scan# 219
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion: 42 Resp: 354

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.1	154.7#
44	685.1	5.4	8.2#

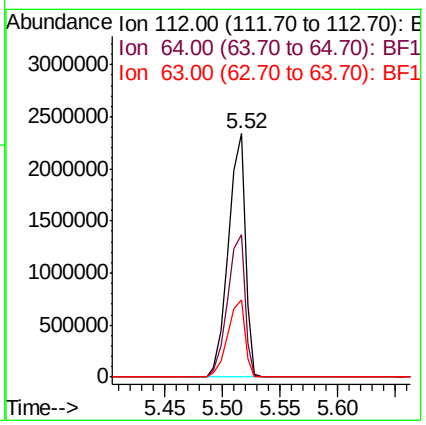


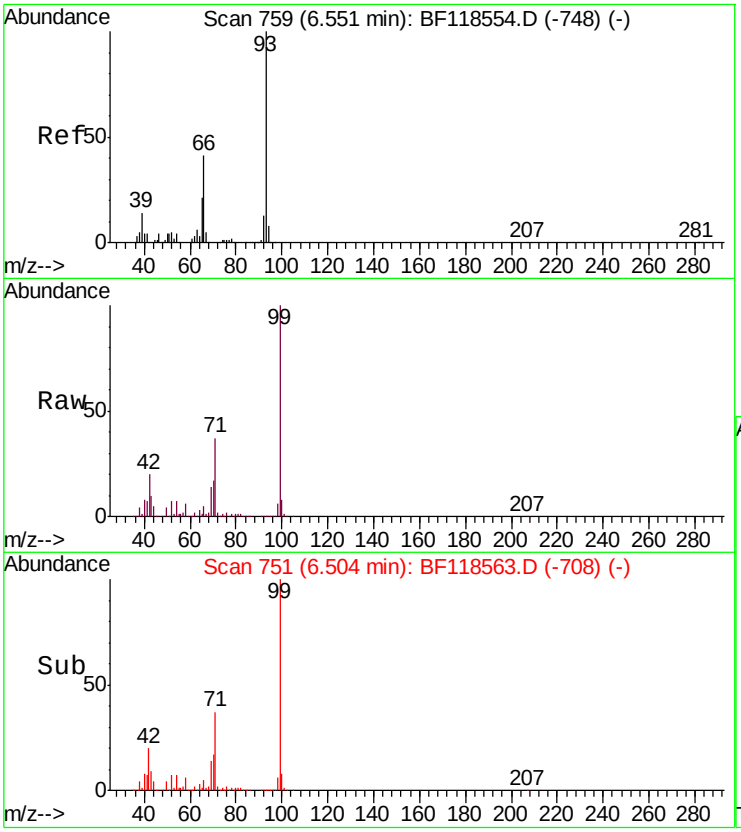


#5
2-Fluorophenol
Concen: 140.336 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:112 Resp: 2389747

Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.1	73.7
63	31.6	25.8	38.8



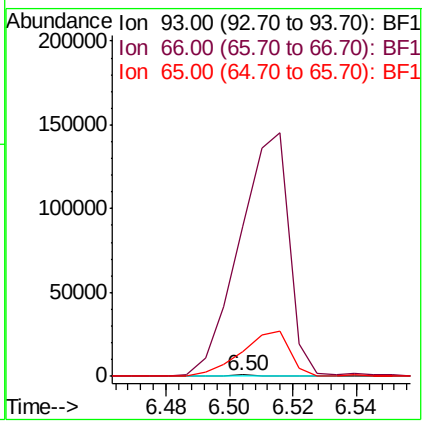


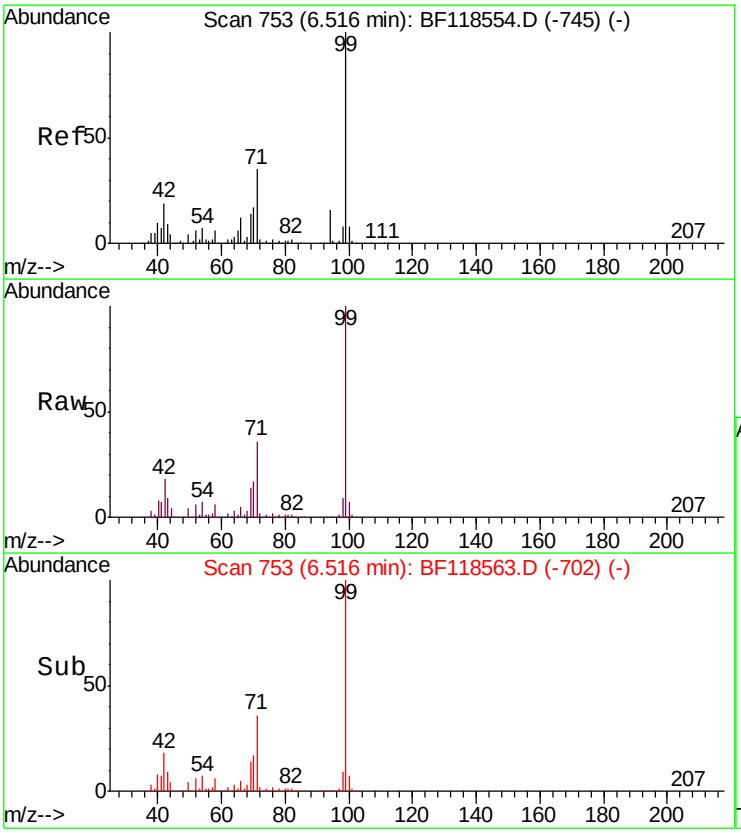
#6
Aniline
Concen: 0.032 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.05 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion: 93 Resp: 949

Ion	Ratio	Lower	Upper
93	100		
66	11353.3	32.9	49.3#
65	1906.3	16.5	24.7#

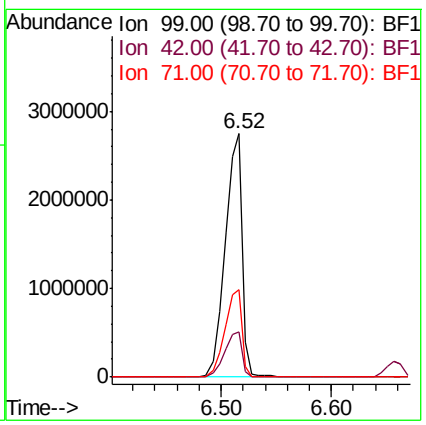


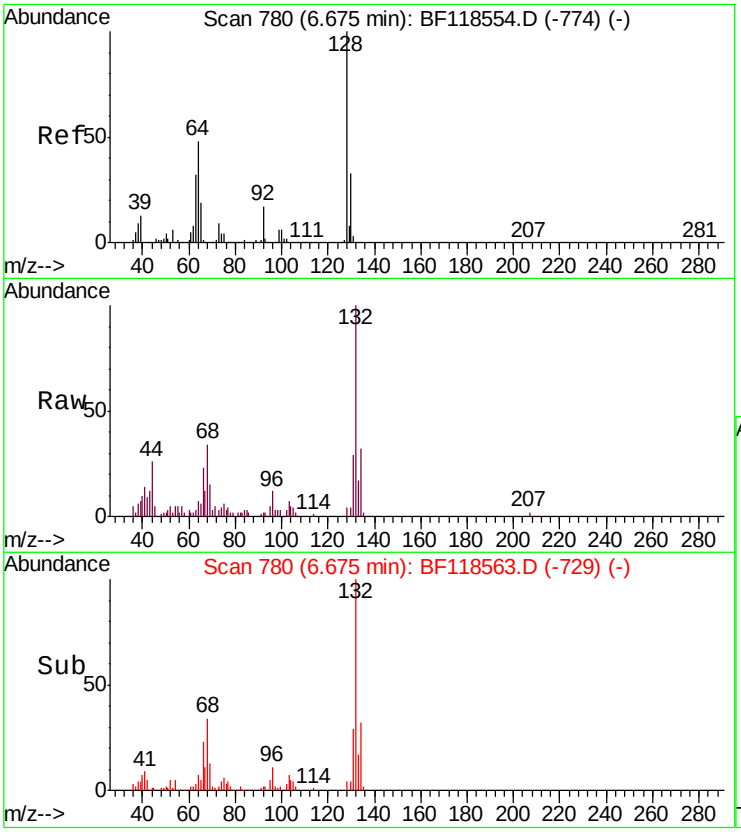


#7
Phenol-d6
Concen: 131.783 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 99 Resp: 2940450

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	36.2	28.3	42.5



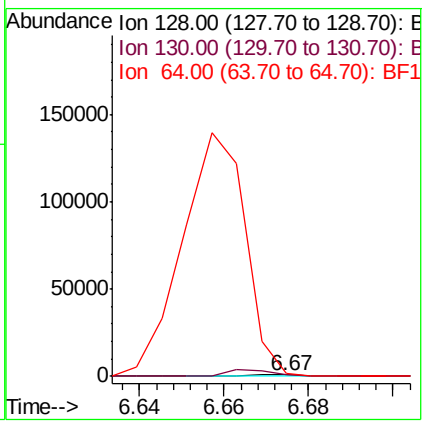


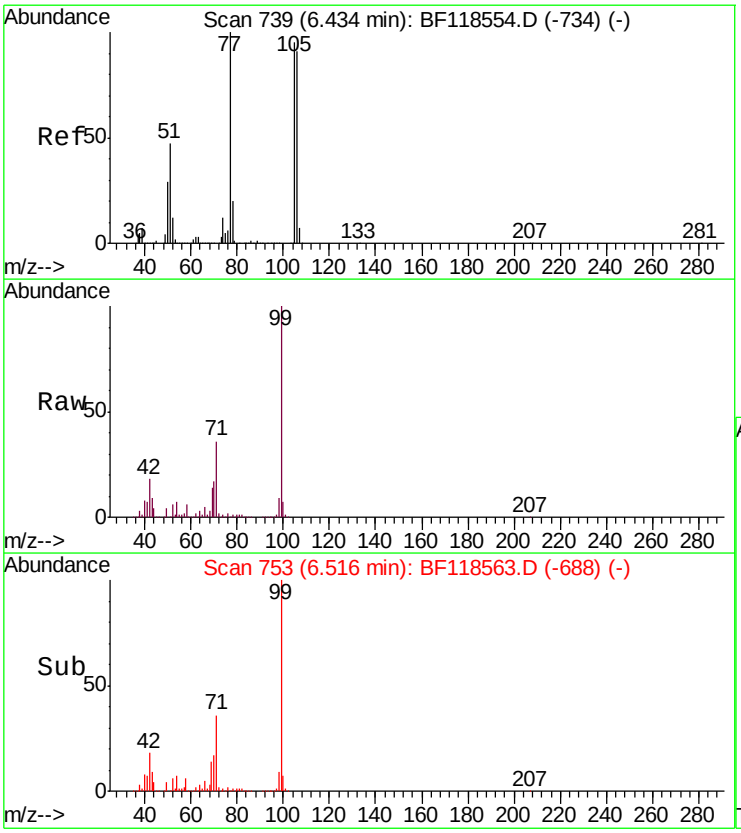
#8
2-Chlorophenol
Concen: 0.036 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:128 Resp: 701

Ion	Ratio	Lower	Upper
128	100		
130	99.7	13.2	53.2#
64	195.2	28.9	68.9#

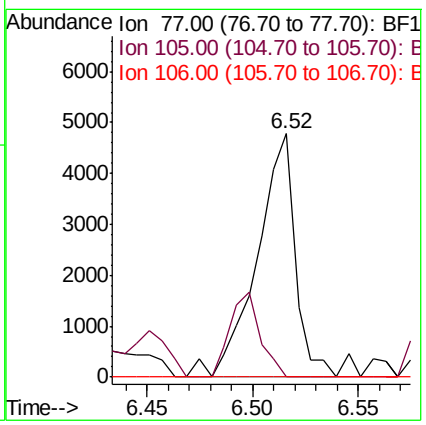


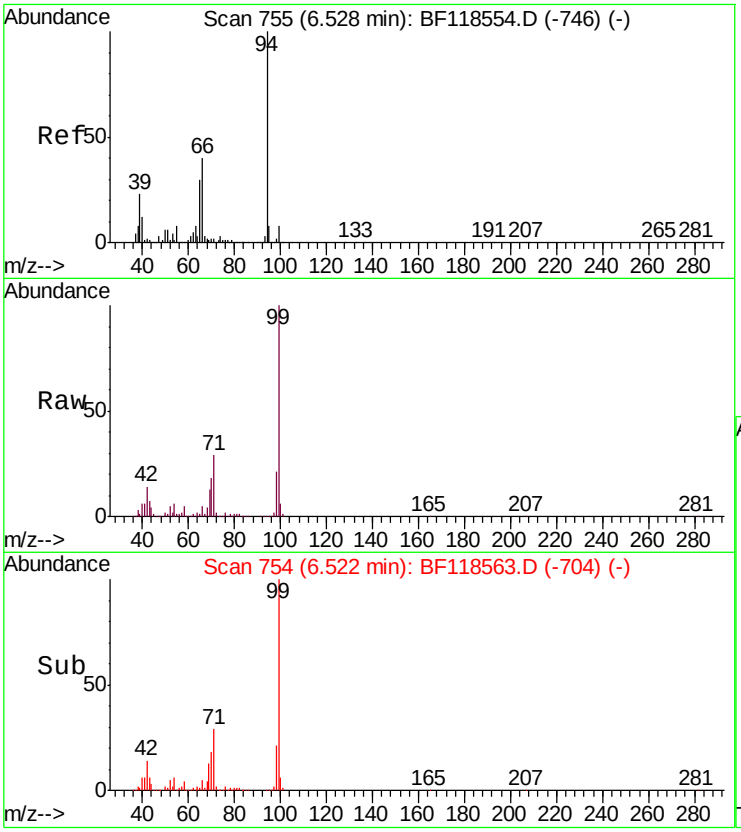


#9
Benzaldehyde
Concen: 0.527 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.08 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 77 Resp: 6025

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.2	115.2#
106	0.0	71.4	111.4#



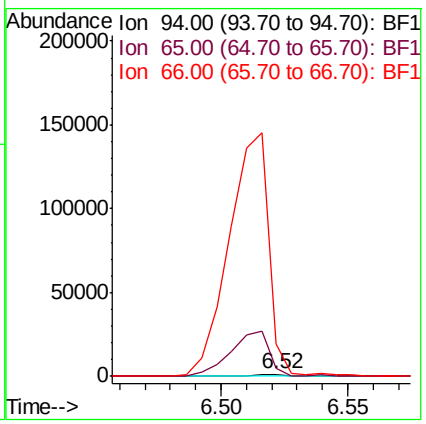


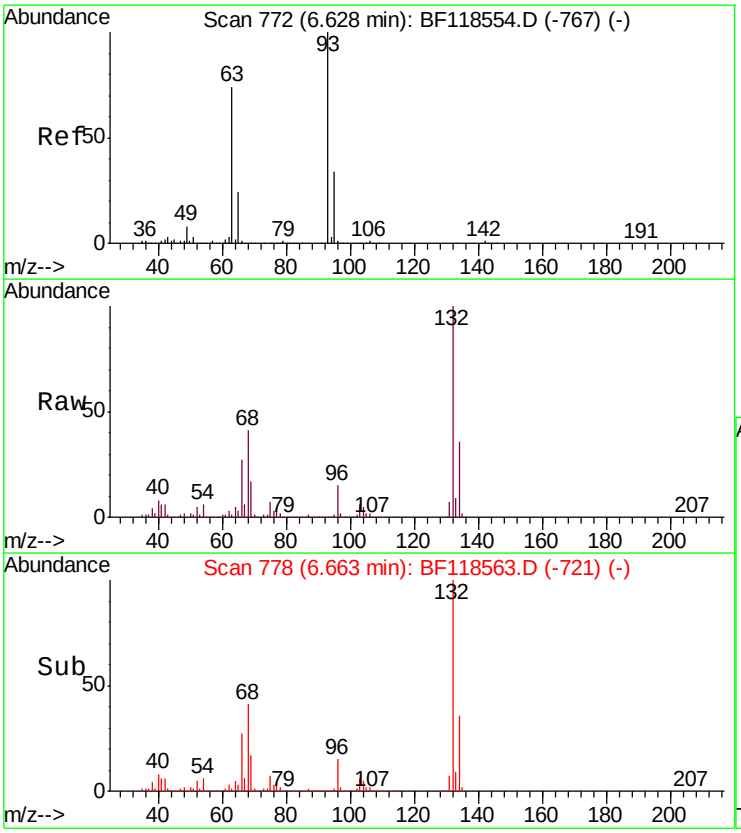
#10
Phenol
Concen: 0.064 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion: 94 Resp: 1560

Ion	Ratio	Lower	Upper
94	100		
65	393.8	9.8	49.8#
66	1492.9	19.5	59.5#

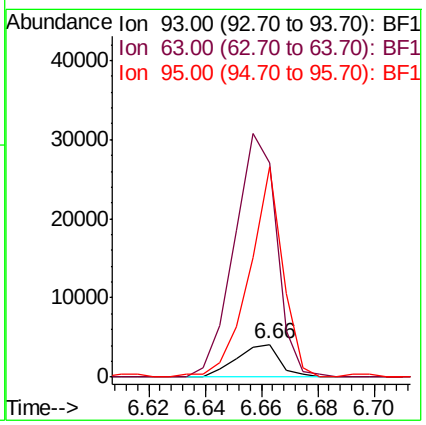


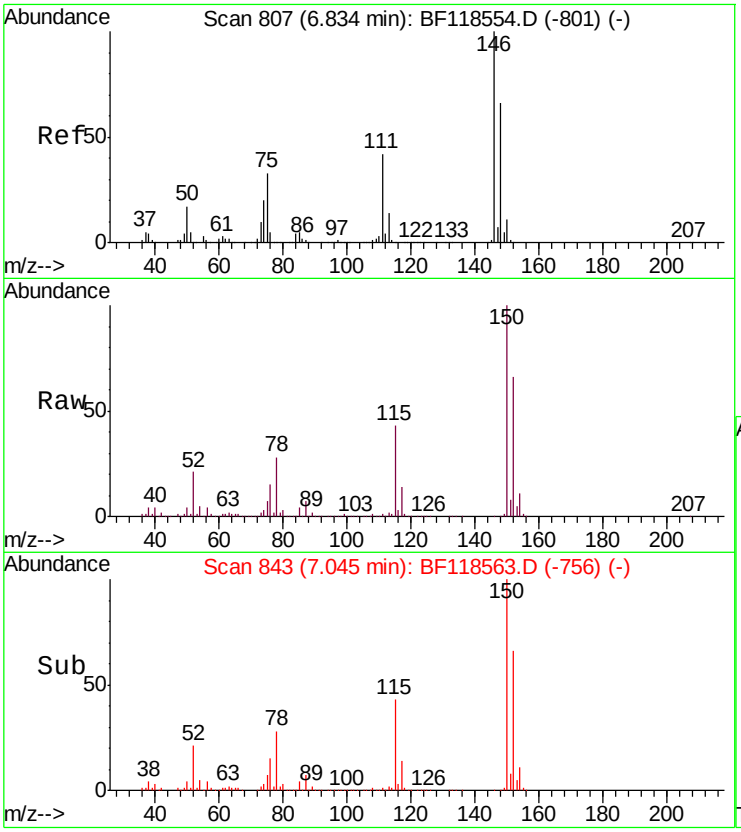


#11
bis(2-Chloroethyl)ether
Concen: 0.225 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.04 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 93 Resp: 4403

Ion	Ratio	Lower	Upper
93	100		
63	651.0	54.0	94.0#
95	639.6	13.5	53.5#



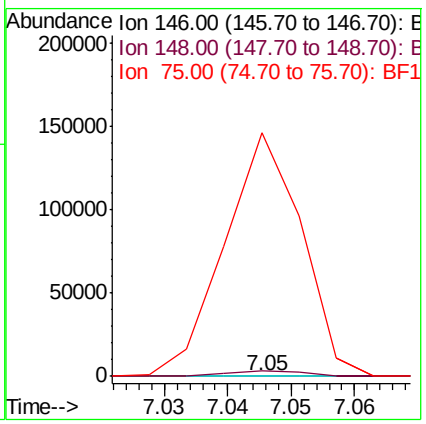


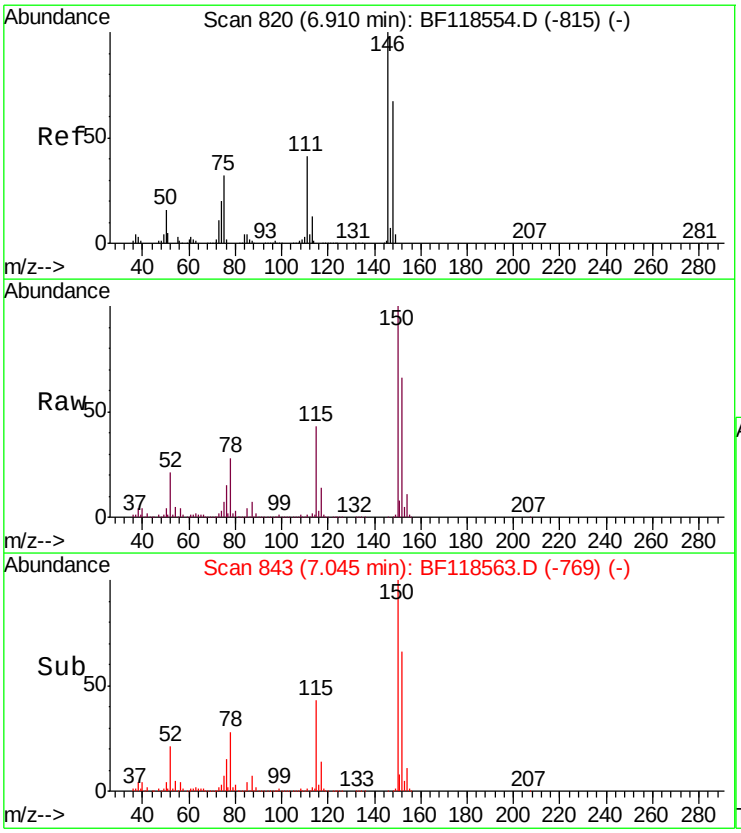
#12
1,3-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.21 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	1186.7	53.0	79.6#
75	48584.7	26.5	39.7#

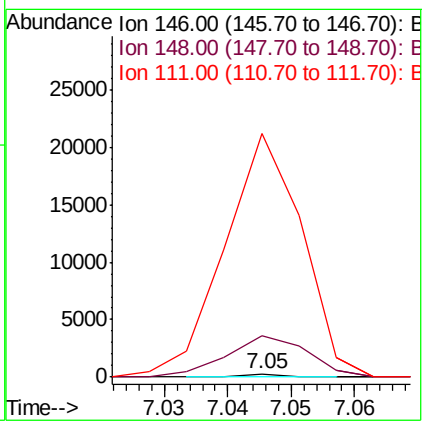


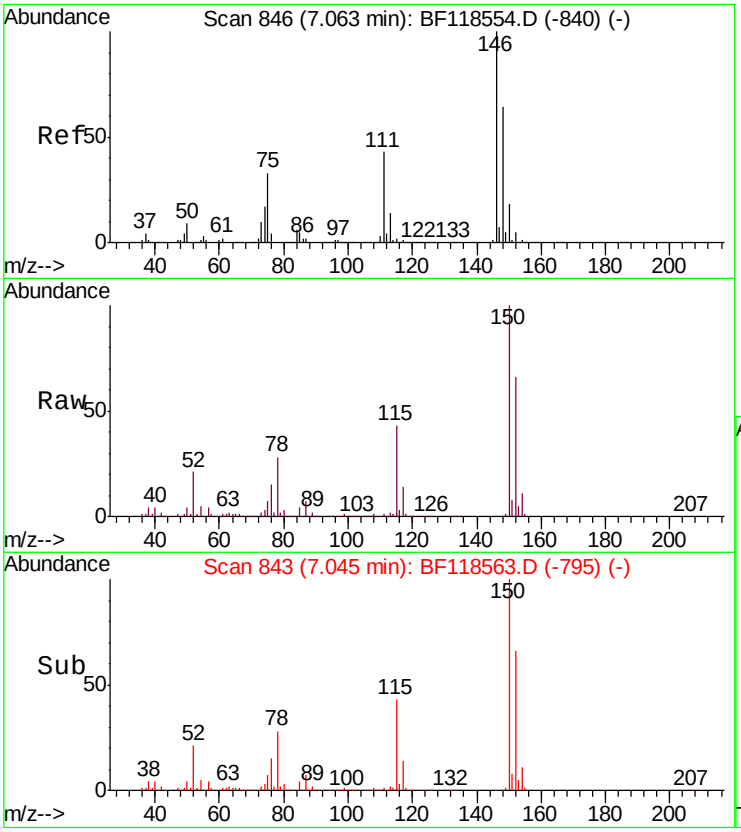


#13
1,4-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	1186.7	53.4	80.2#
111	7043.2	32.6	48.8#



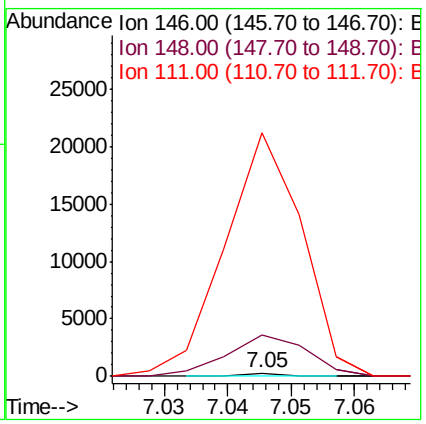


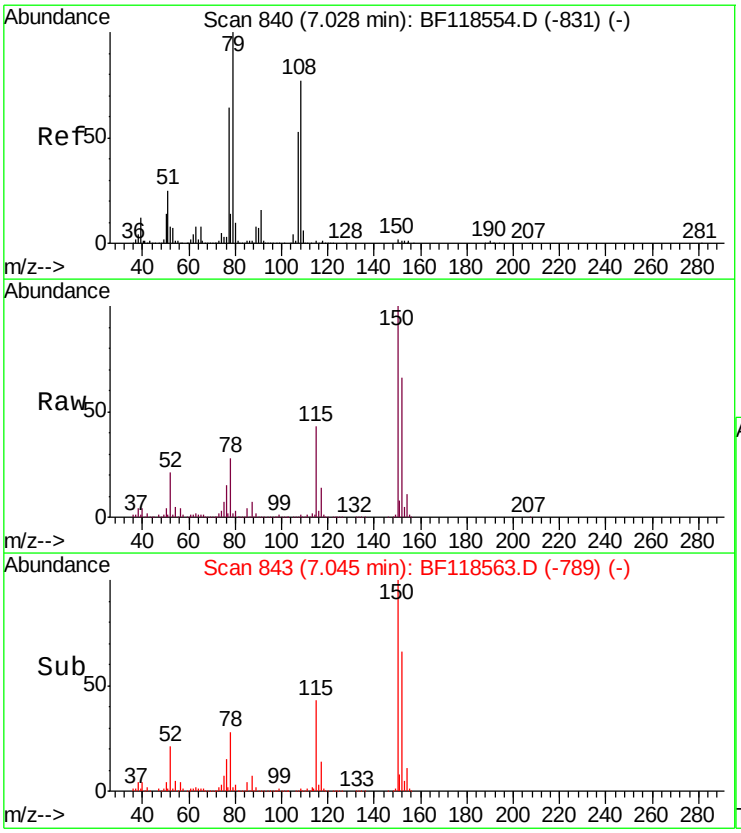
#14
1,2-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	1186.7	51.2	76.8#
111	7043.2	34.6	52.0#

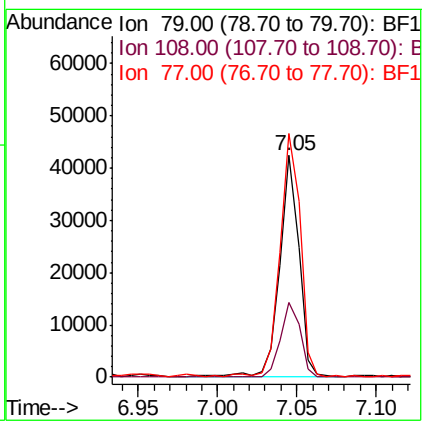


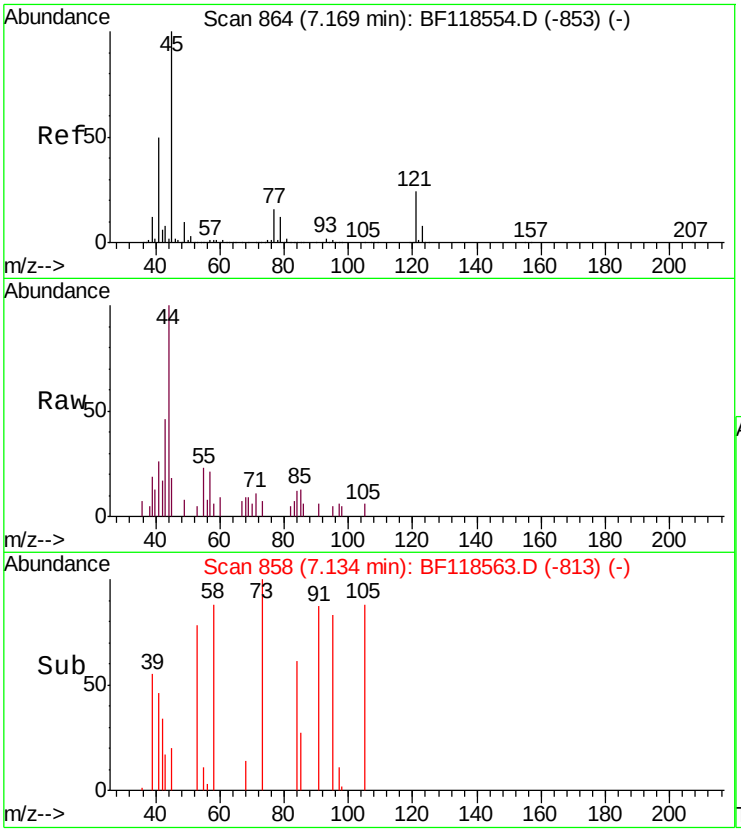


#15
Benzyl Alcohol
Concen: 1.966 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 79 Resp: 36005

Ion	Ratio	Lower	Upper
79	100		
108	34.0	61.9	92.9#
77	109.9	51.5	77.3#



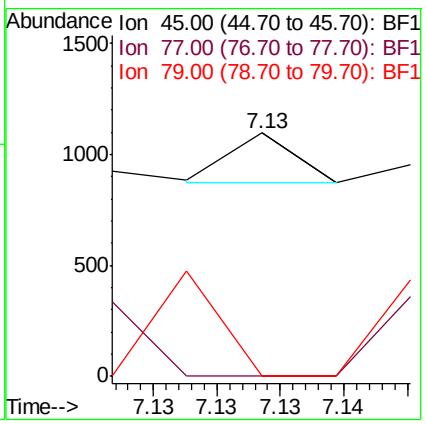


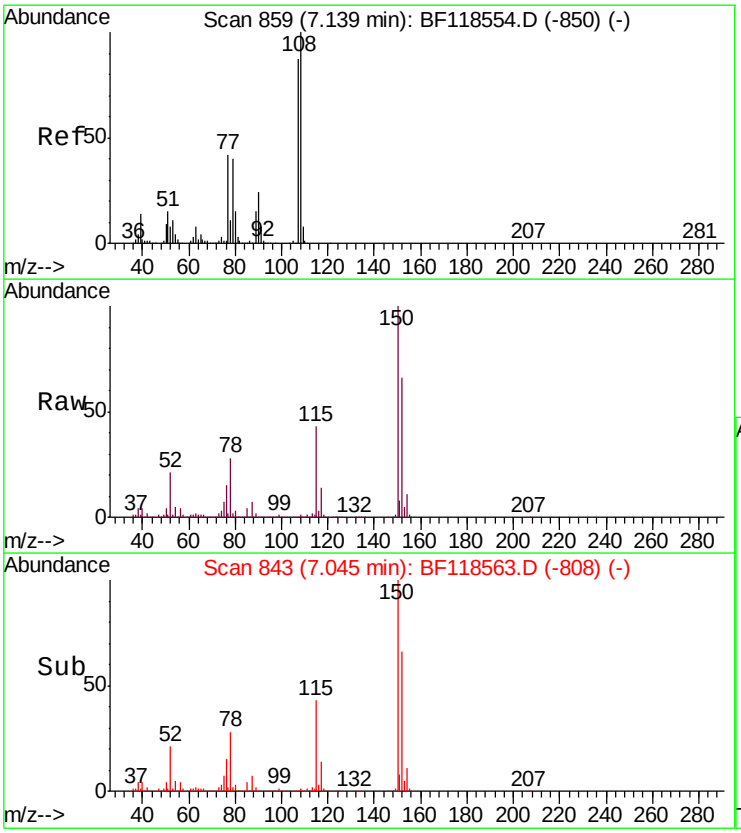
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.003 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion: 45 Resp: 79

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

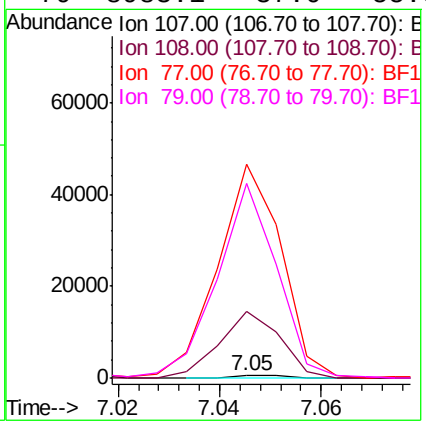


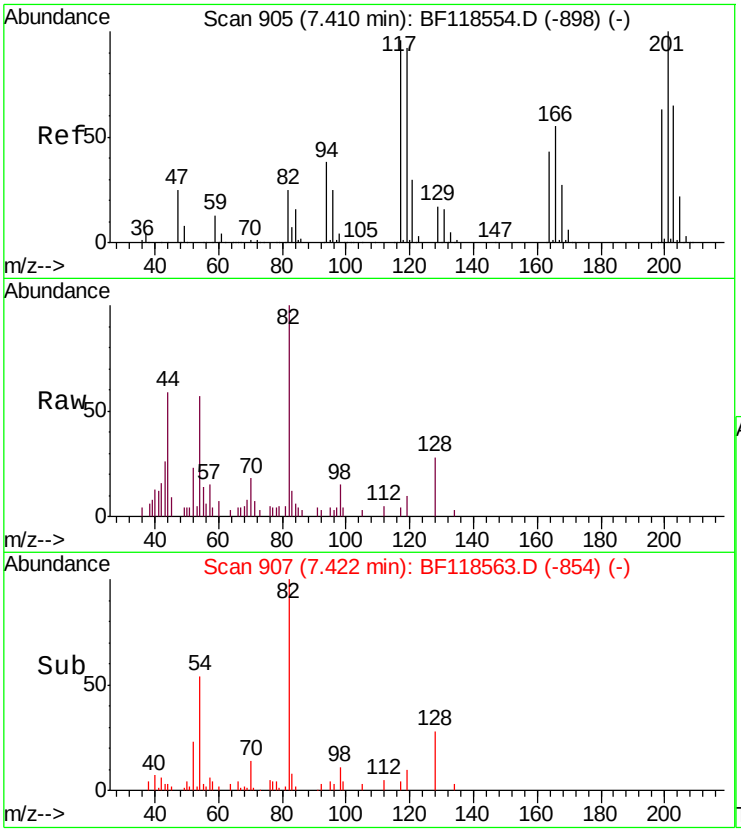


#17
2-Methylphenol
Concen: 0.020 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.09 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:107 Resp: 322

Ion	Ratio	Lower	Upper
107	100		
108	3050.0	92.3	138.5#
77	9874.6	38.6	57.8#
79	8983.1	37.0	55.6#



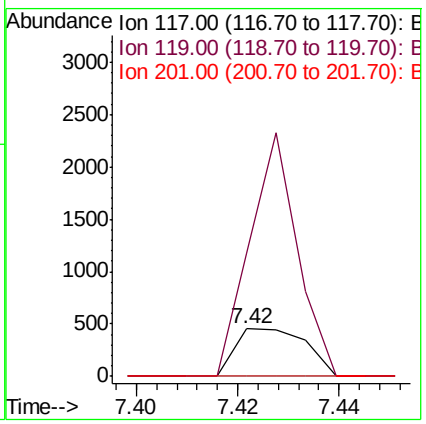


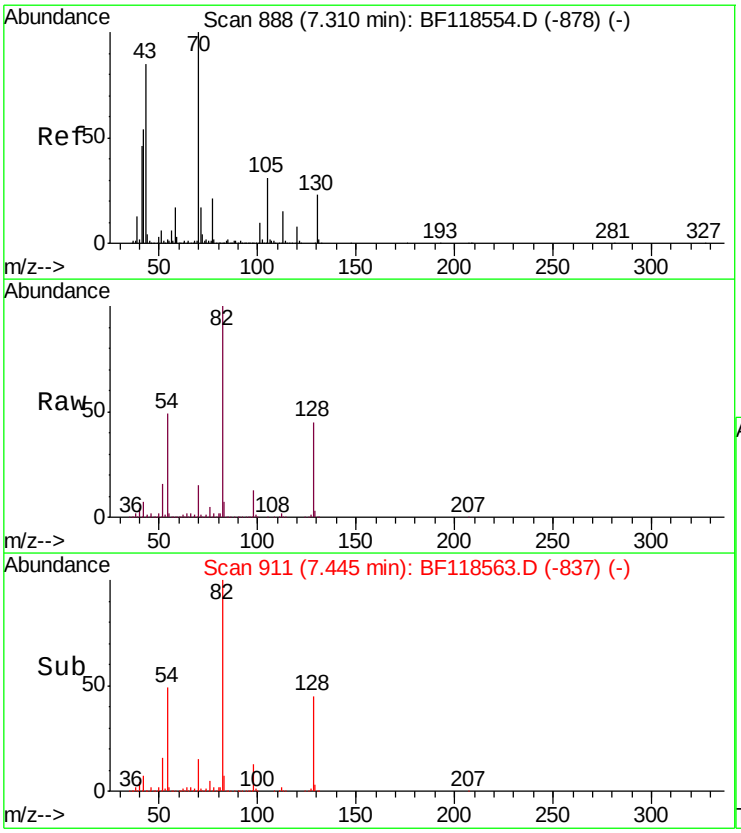
#18
Hexachloroethane
Concen: 0.052 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:117 Resp: 437

Ion	Ratio	Lower	Upper
117	100		
119	258.6	76.9	115.3#
201	0.0	83.6	125.4#

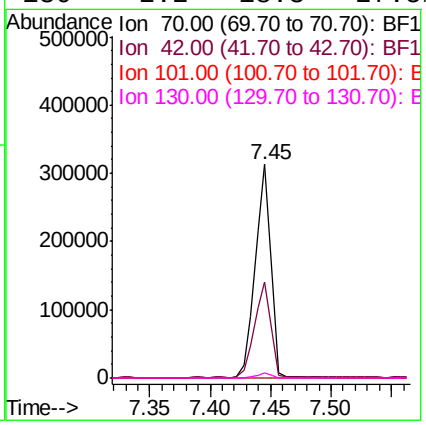


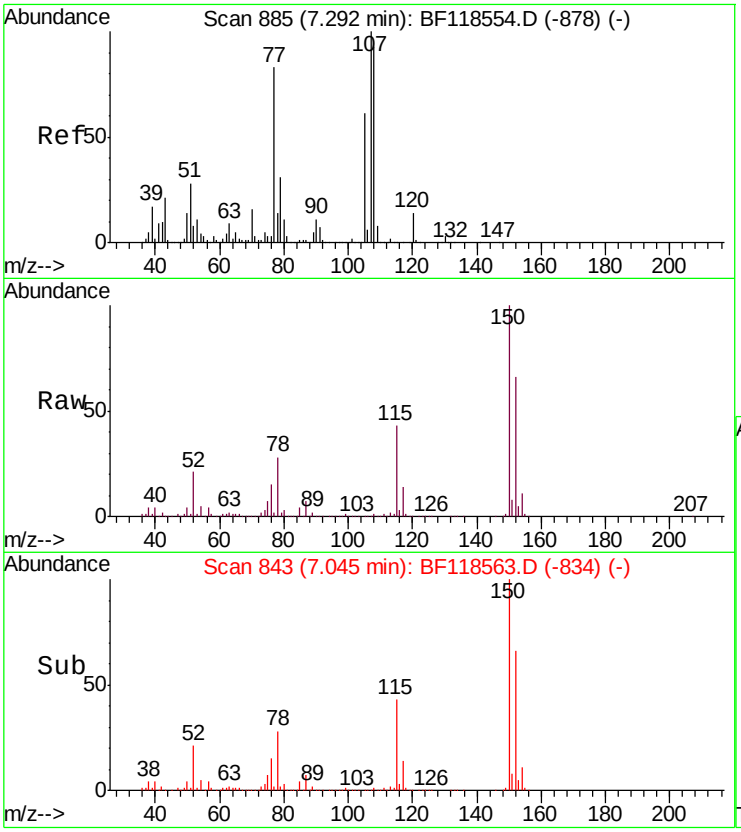


#19
n-Nitroso-di-n-propylamine
Concen: 17.775 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 70 Resp: 284415

Ion	Ratio	Lower	Upper
70	100		
42	45.1	43.6	65.4
101	0.0	7.7	11.5#
130	2.2	18.3	27.5#



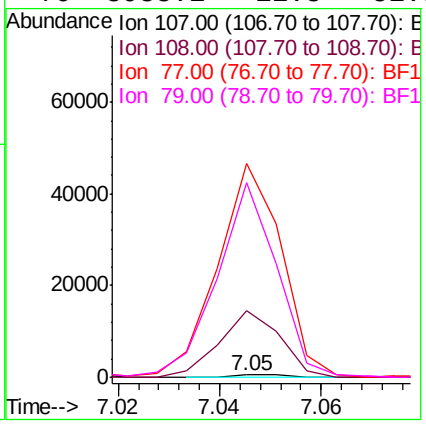


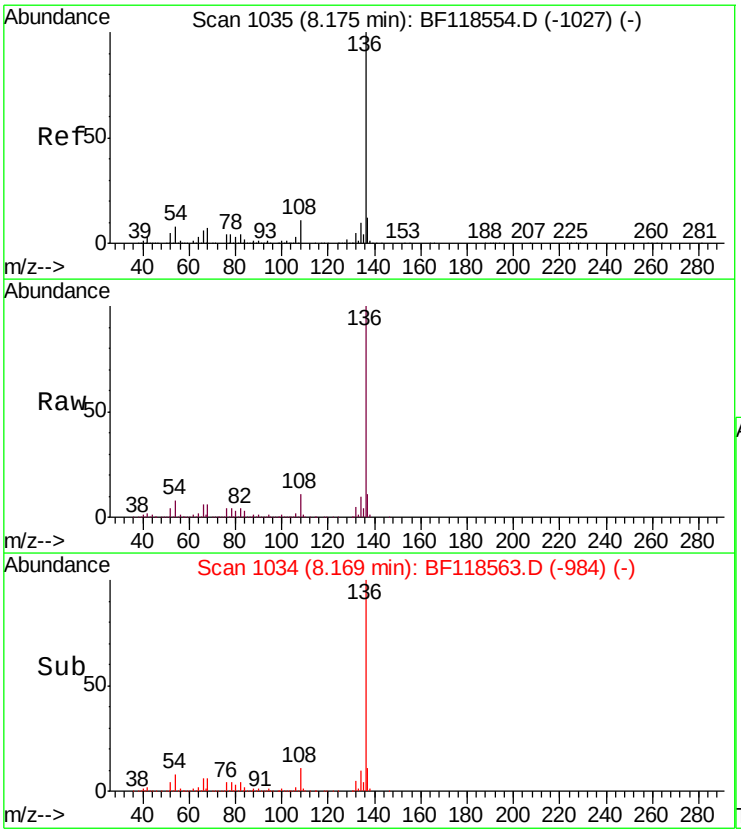
#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.25 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:107 Resp: 322

Ion	Ratio	Lower	Upper
107	100		
108	3050.0	72.6	112.6#
77	9874.6	63.0	103.0#
79	8983.1	11.3	51.3#

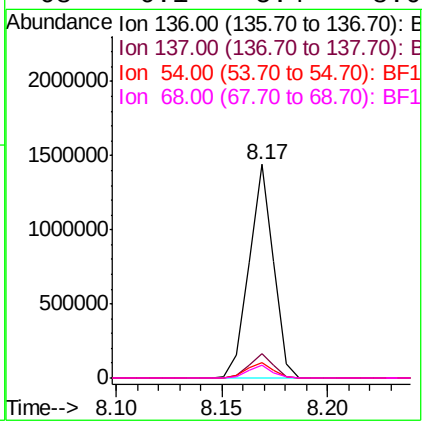


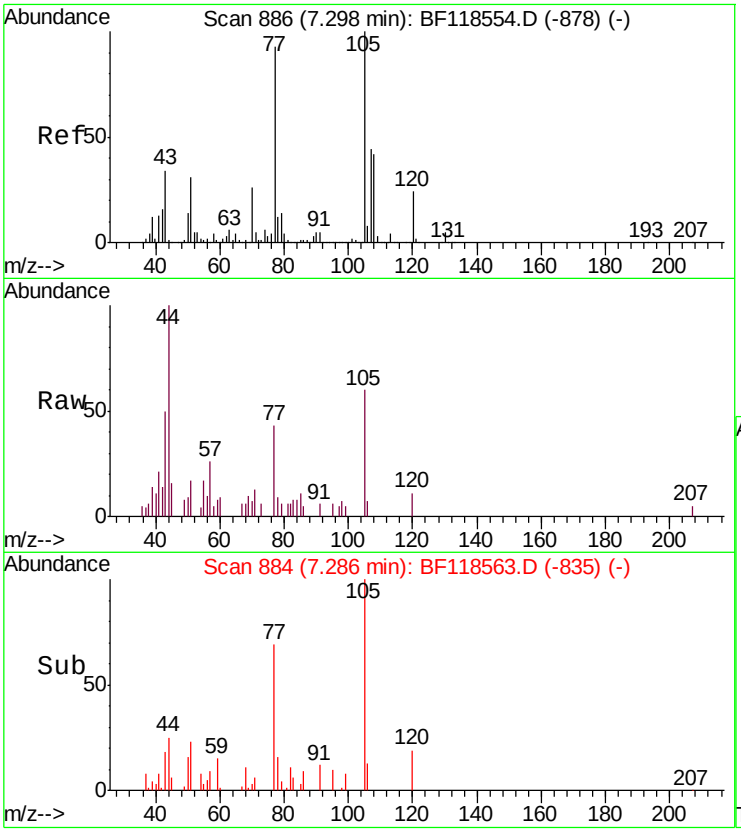


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:136 Resp: 1158332

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	7.5	6.2	9.2
68	6.1	5.4	8.0



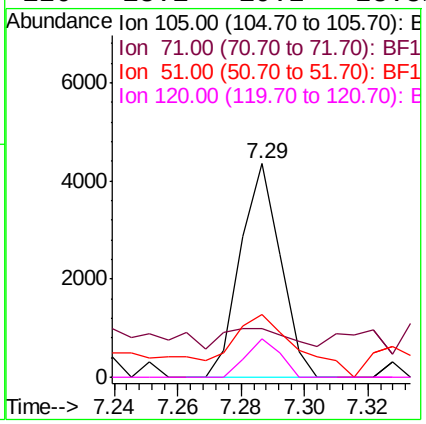


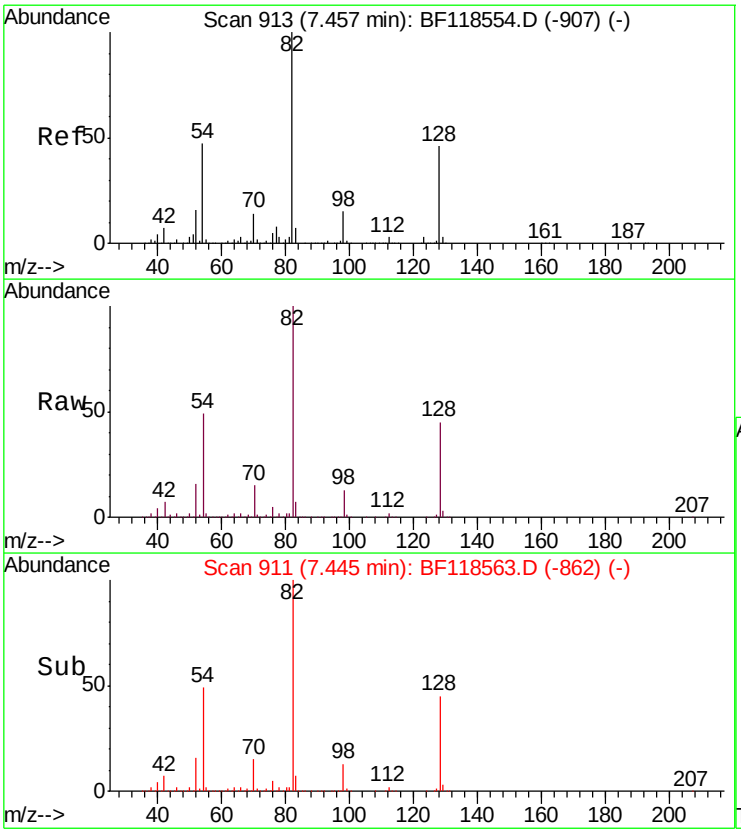
#22
Acetophenone
Concen: 0.136 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:105 Resp: 3812

Ion	Ratio	Lower	Upper
105	100		
71	22.6	3.8	5.6#
51	29.2	24.9	37.3
120	18.1	19.2	28.8#

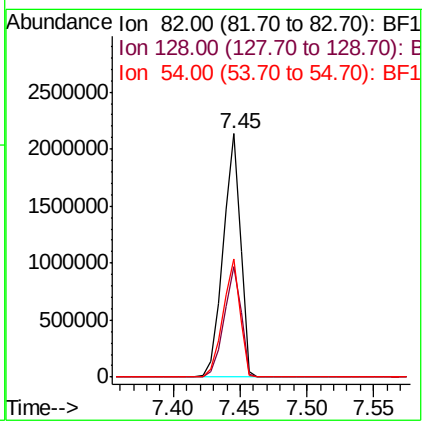


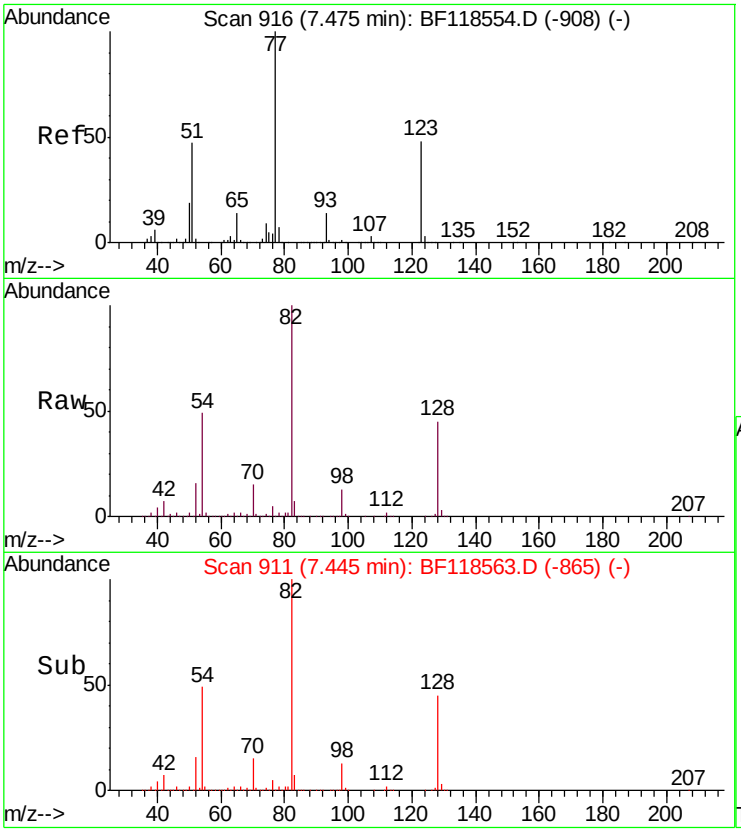


#23
Nitrobenzene-d5
Concen: 104.684 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 82 Resp: 1963330

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.0	55.4
54	48.6	37.4	56.0



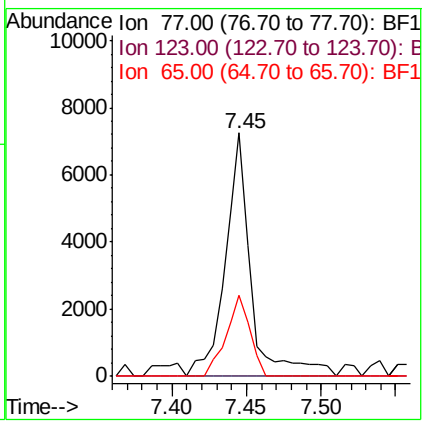


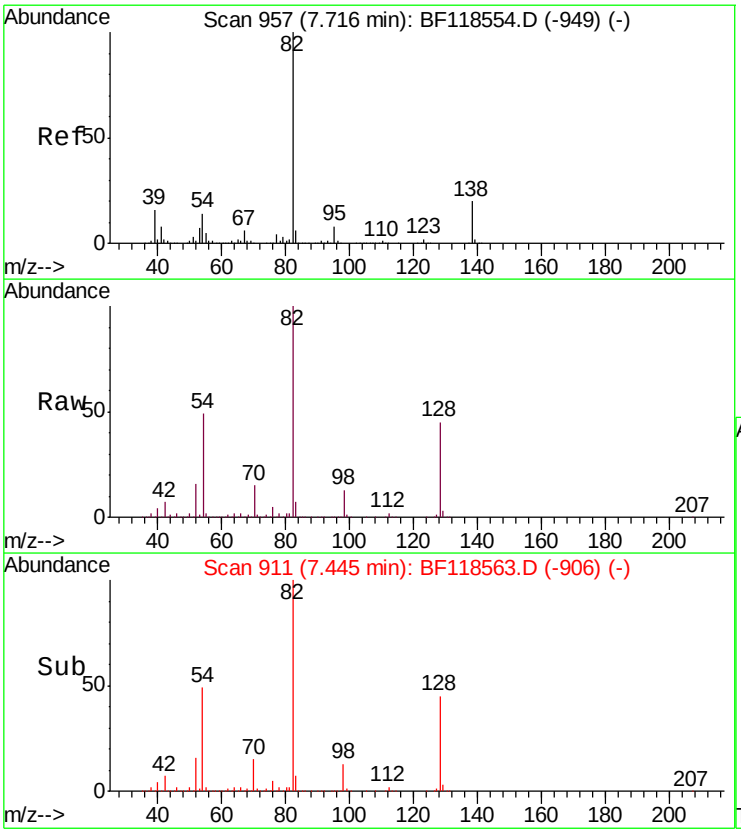
#24
Nitrobenzene
Concen: 0.440 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion: 77 Resp: 8780

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	33.2	11.1	16.7#

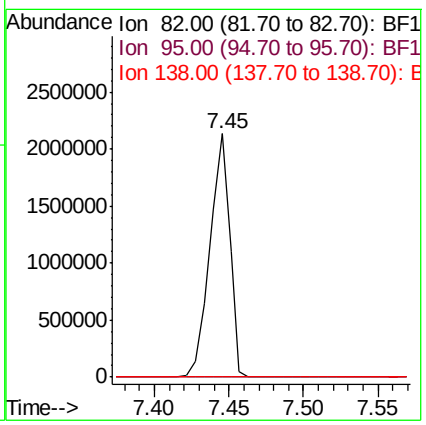


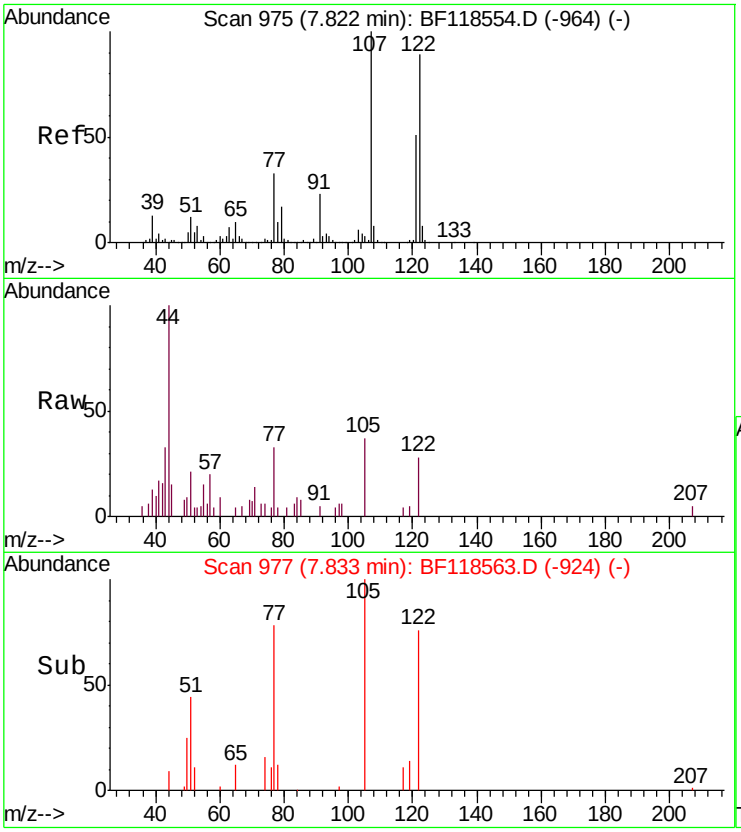


#25
Isophorone
Concen: 48.070 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 82 Resp: 1956666

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.8	23.8#



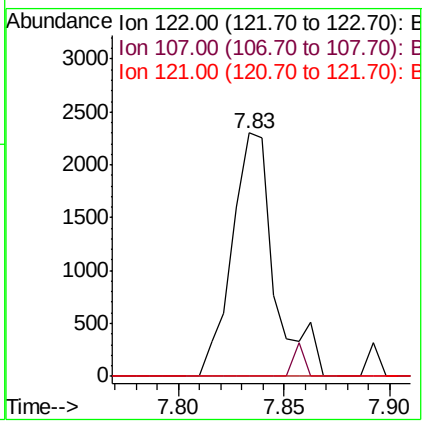


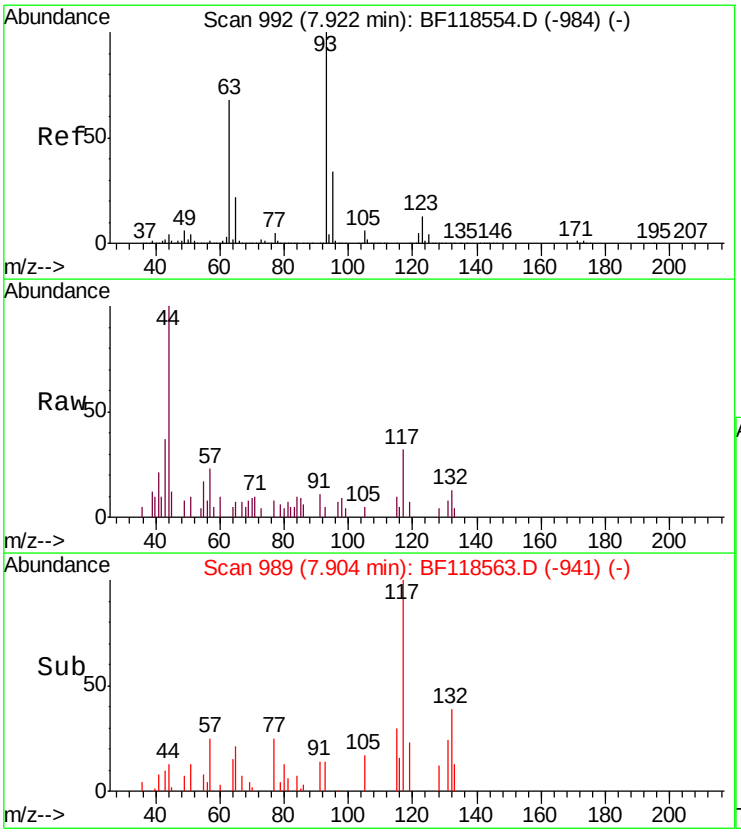
#27
2,4-Dimethylphenol
Concen: 0.197 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:122 Resp: 3197

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.6	134.4#
121	0.0	45.9	68.9#

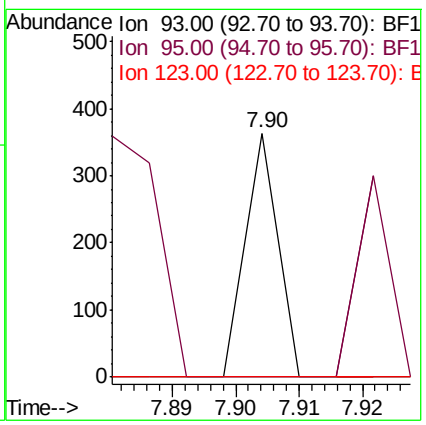


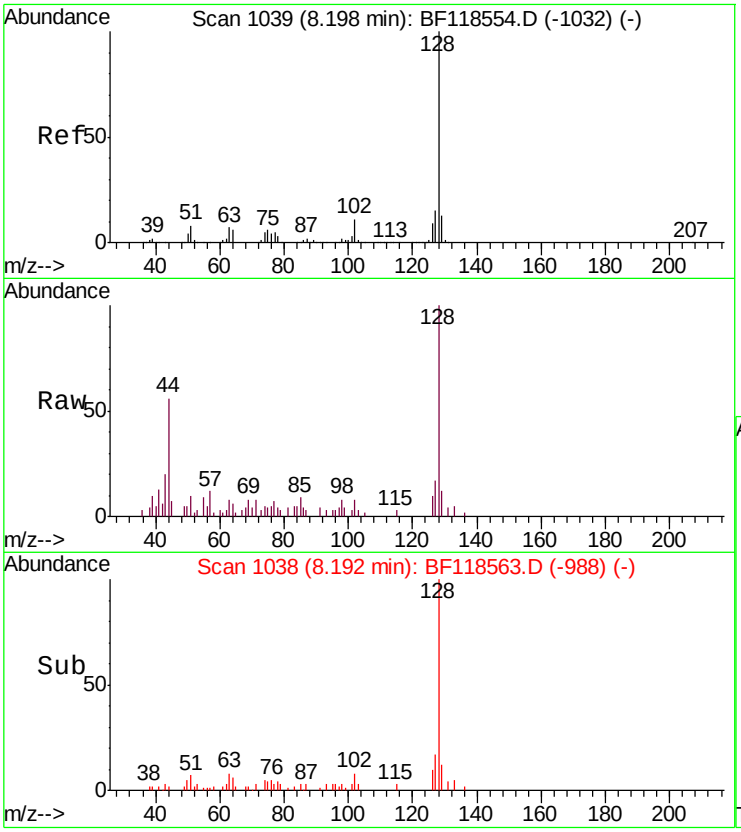


#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 93 Resp: 128

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.3	40.9#
123	0.0	10.2	15.4#



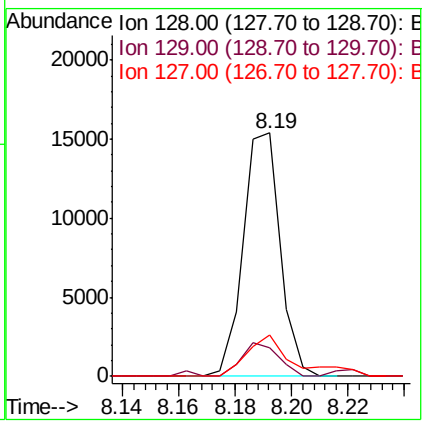


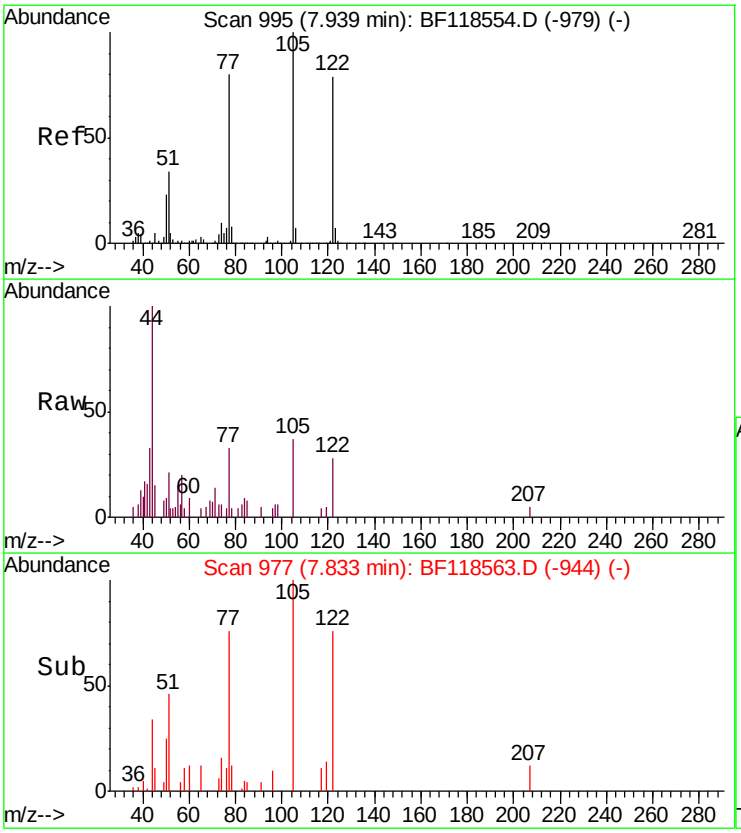
#31
Naphthalene
Concen: 0.256 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:128 Resp: 14004

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.3	15.5
127	17.2	12.1	18.1

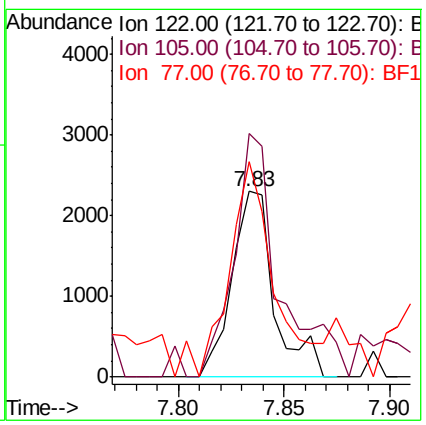


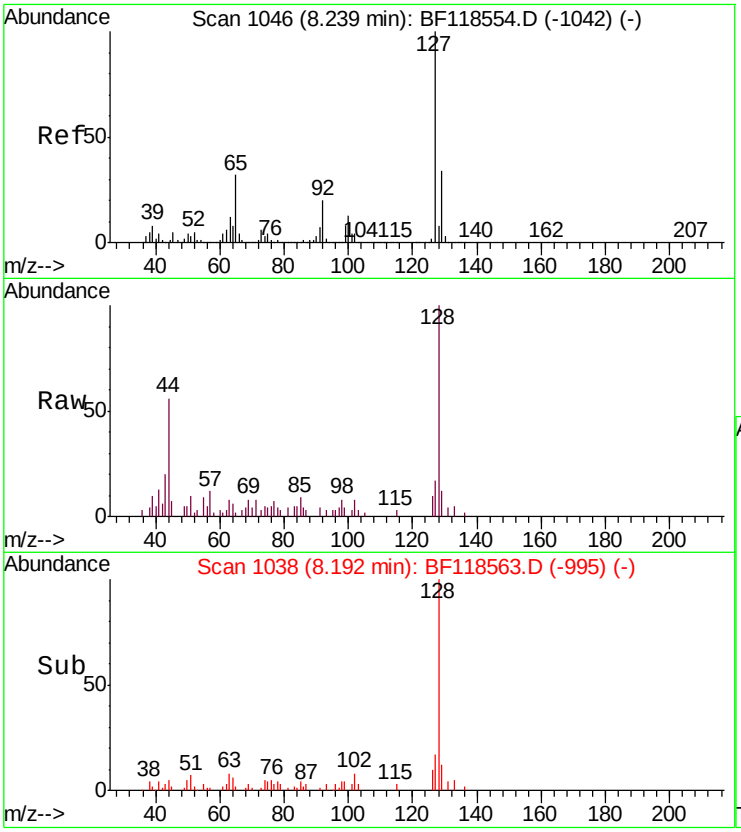


#32
Benzoic acid
Concen: 8.095 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.11 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:122 Resp: 3197

Ion	Ratio	Lower	Upper
122	100		
105	131.1	105.0	145.0
77	115.7	80.7	120.7



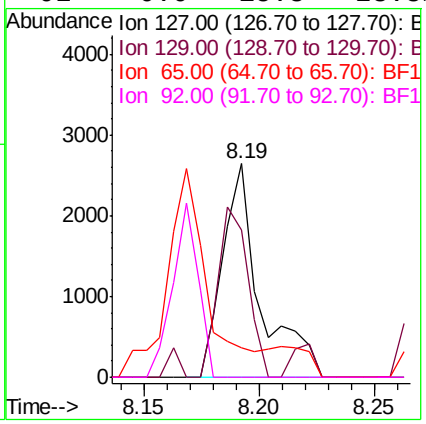


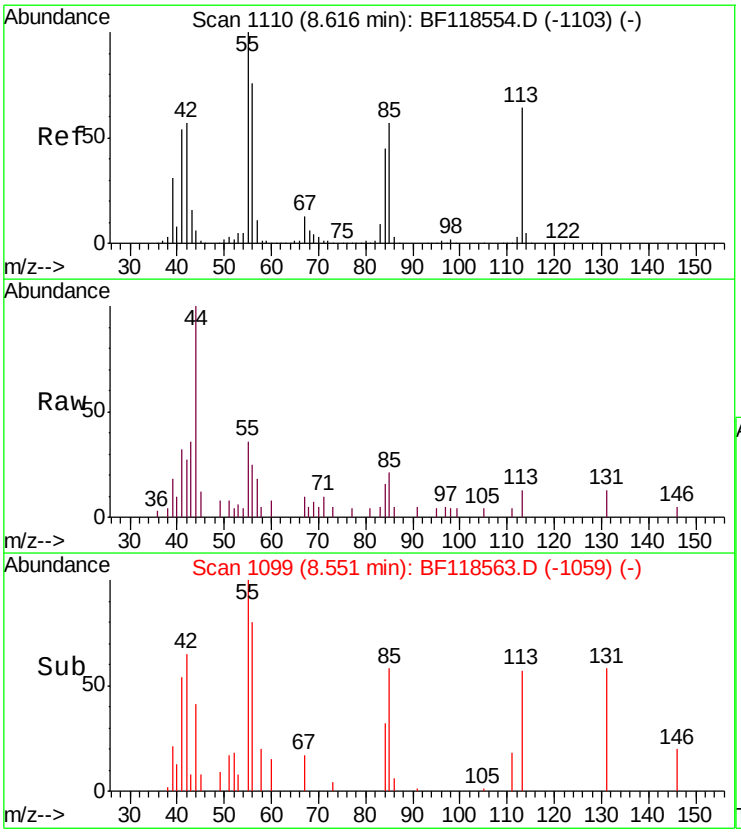
#33
4-Chloroaniline
Concen: 0.117 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:127 Resp: 2973

Ion	Ratio	Lower	Upper
127	100		
129	69.0	27.0	40.4#
65	13.8	25.8	38.8#
92	0.0	15.8	23.8#

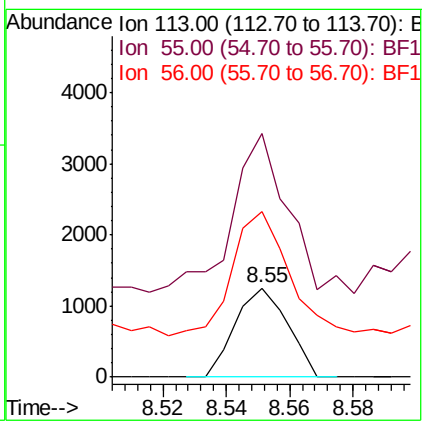


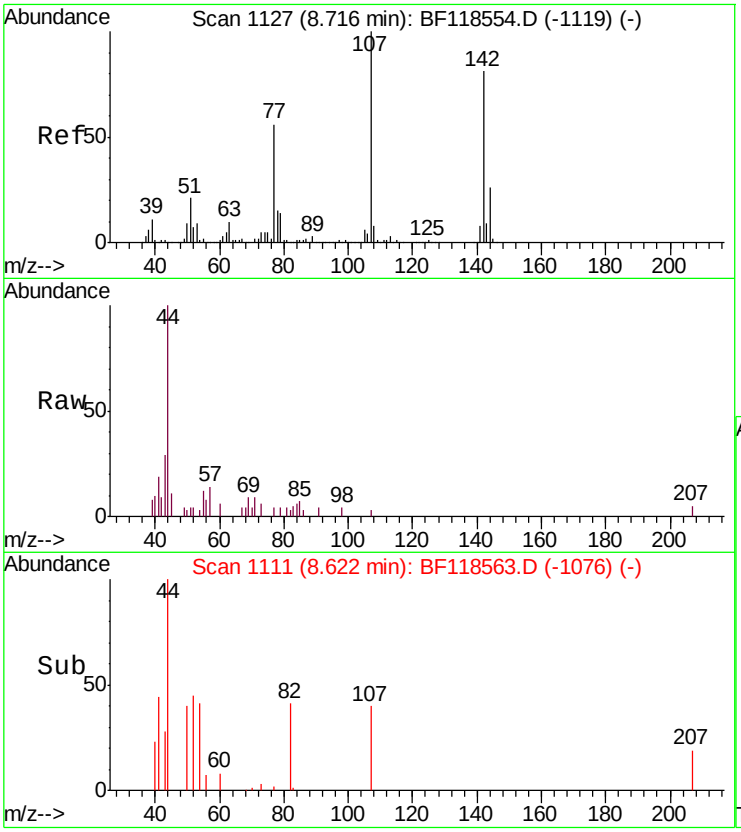


#35
Caprolactam
Concen: 0.257 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:113 Resp: 1425

Ion	Ratio	Lower	Upper
113	100		
55	273.3	137.3	177.3#
56	186.5	99.7	139.7#



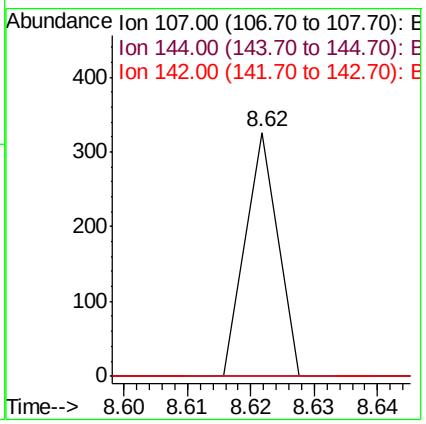


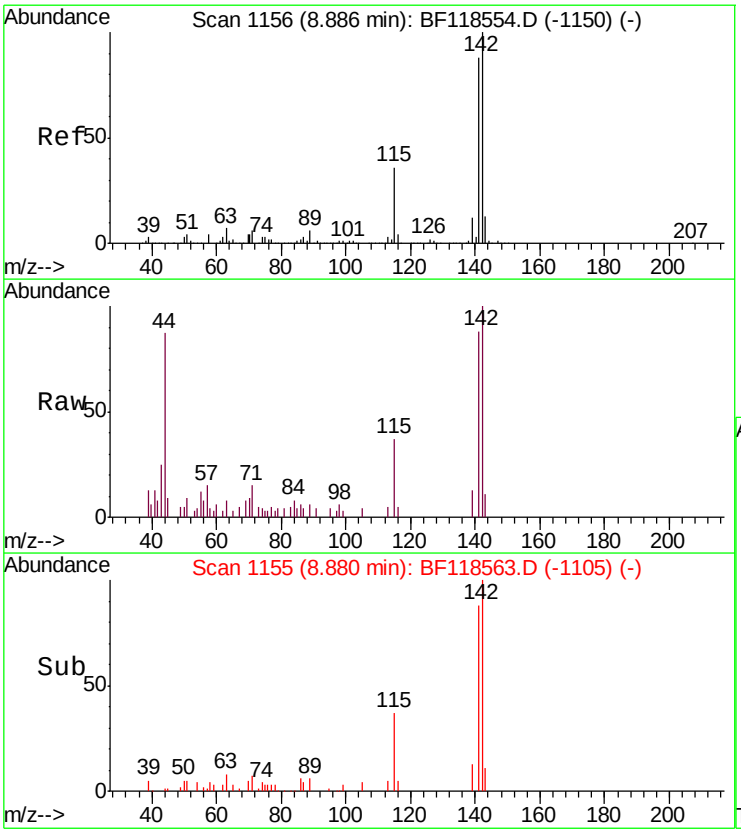
#36
4-Chloro-3-methylphenol
Concen: 0.007 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.09 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:107 Resp: 115

Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.2	31.8#
142	0.0	64.4	96.6#

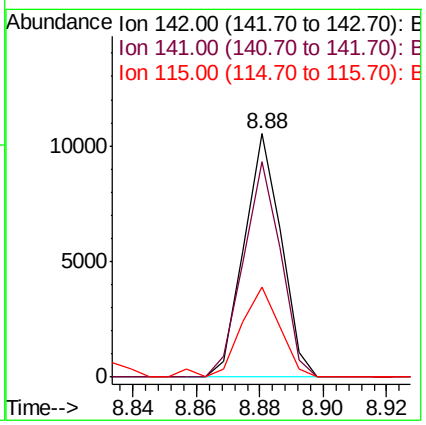


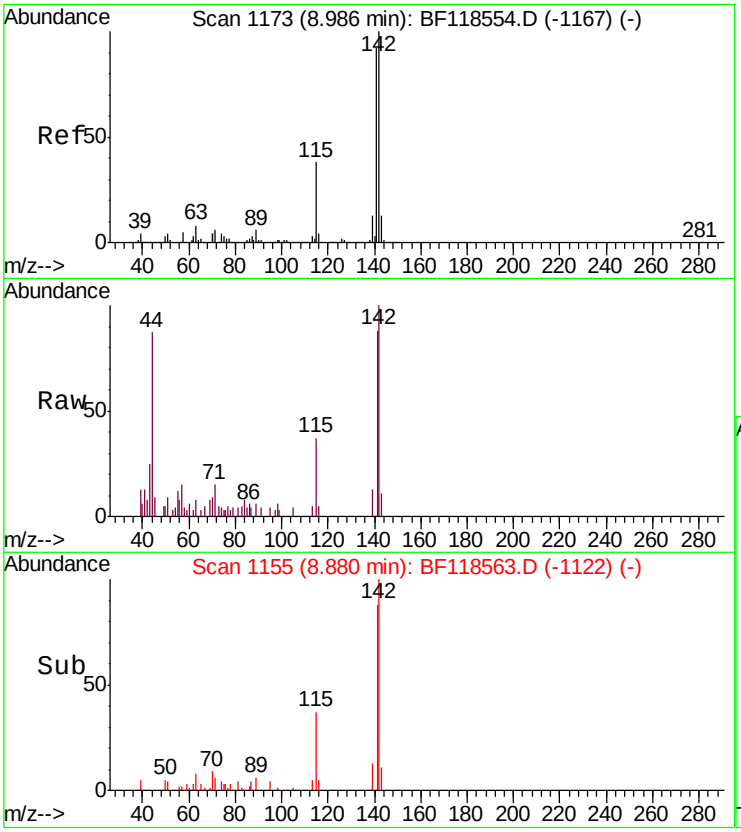


#37
2-Methylnaphthalene
Concen: 0.220 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:142 Resp: 8530

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	37.2	29.0	43.4



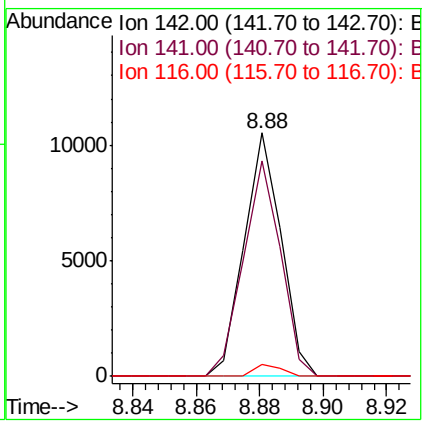


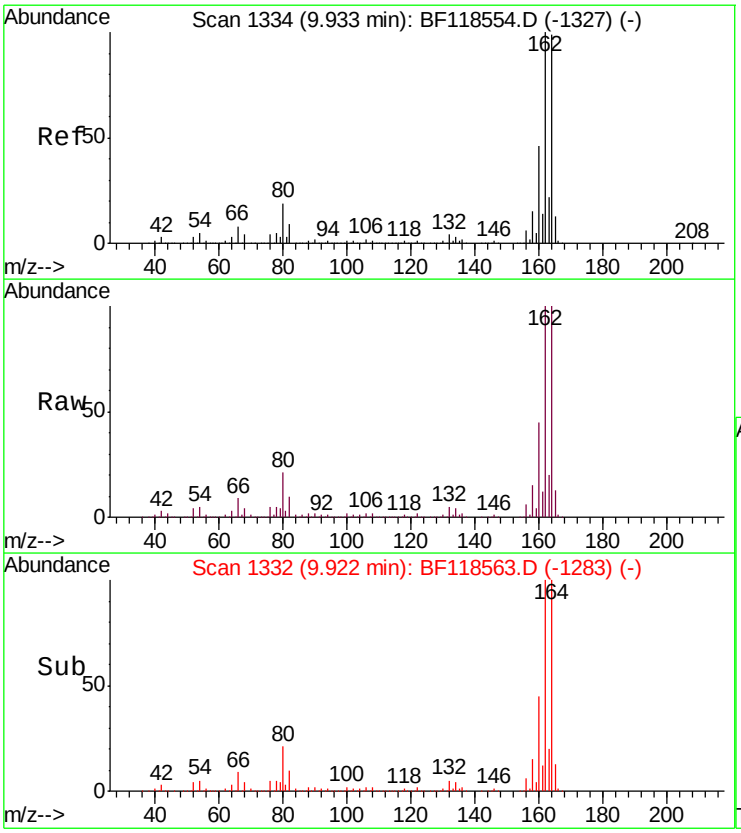
#38
1-Methylnaphthalene
Concen: 0.233 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:142 Resp: 8530

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.8	110.6
116	4.7	3.3	4.9

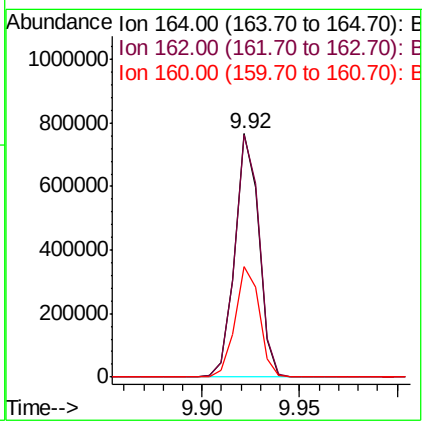


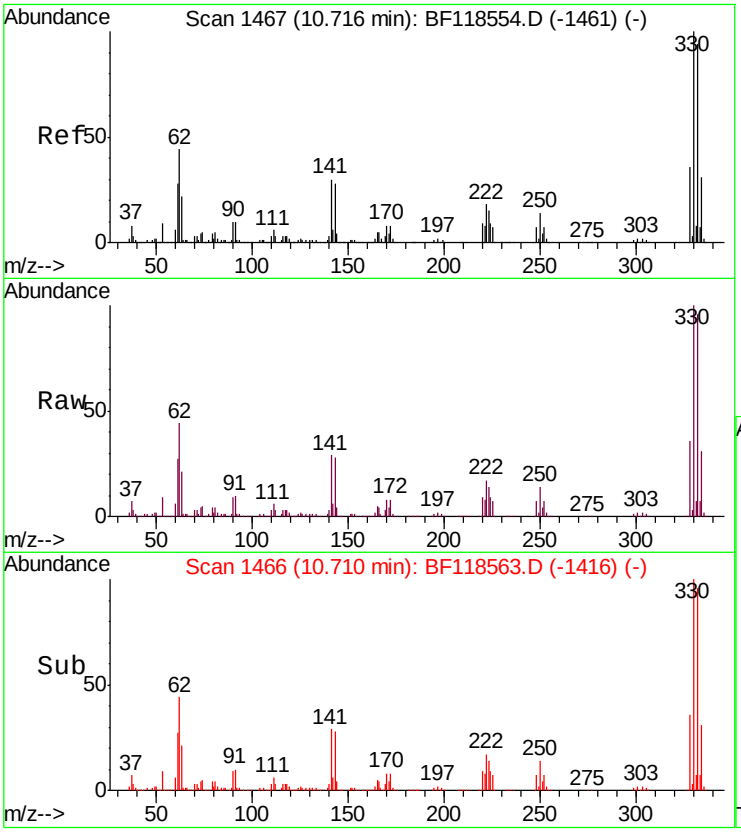


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:164 Resp: 651265

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	45.4	36.7	55.1



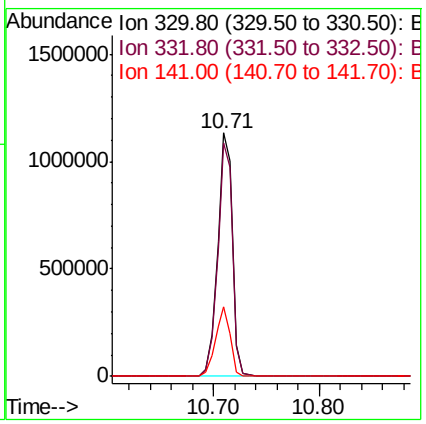


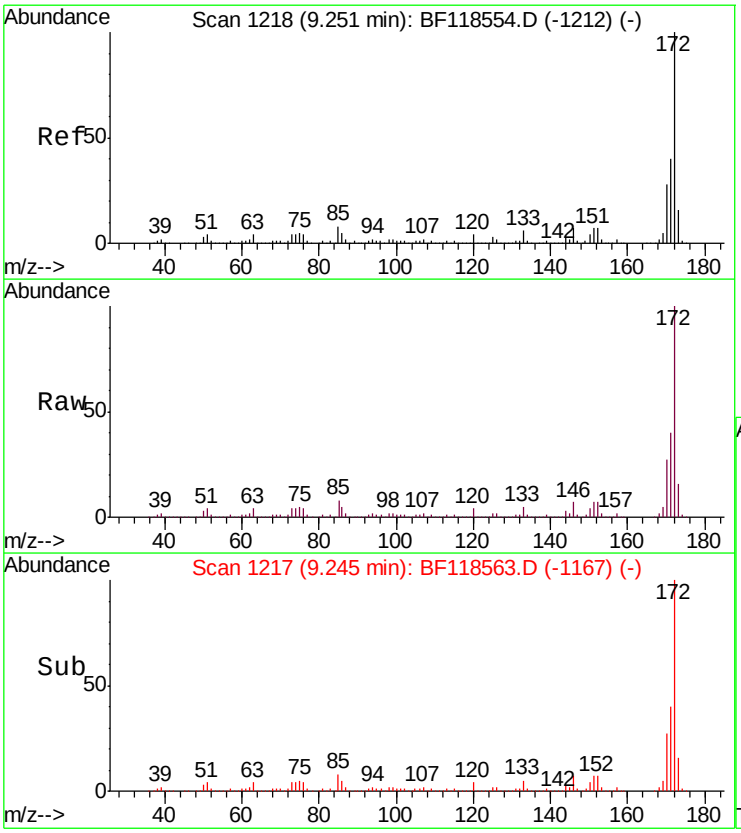
#42
2,4,6-Tribromophenol
Concen: 156.254 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:330 Resp: 1124967

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	28.7	23.4	35.2

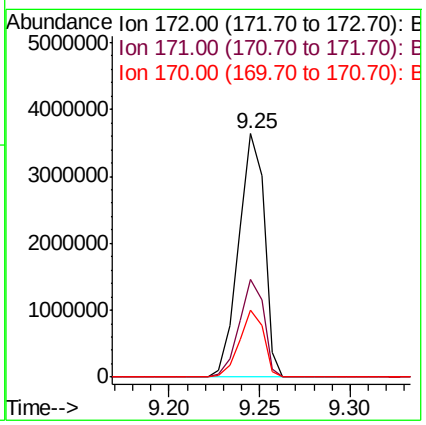


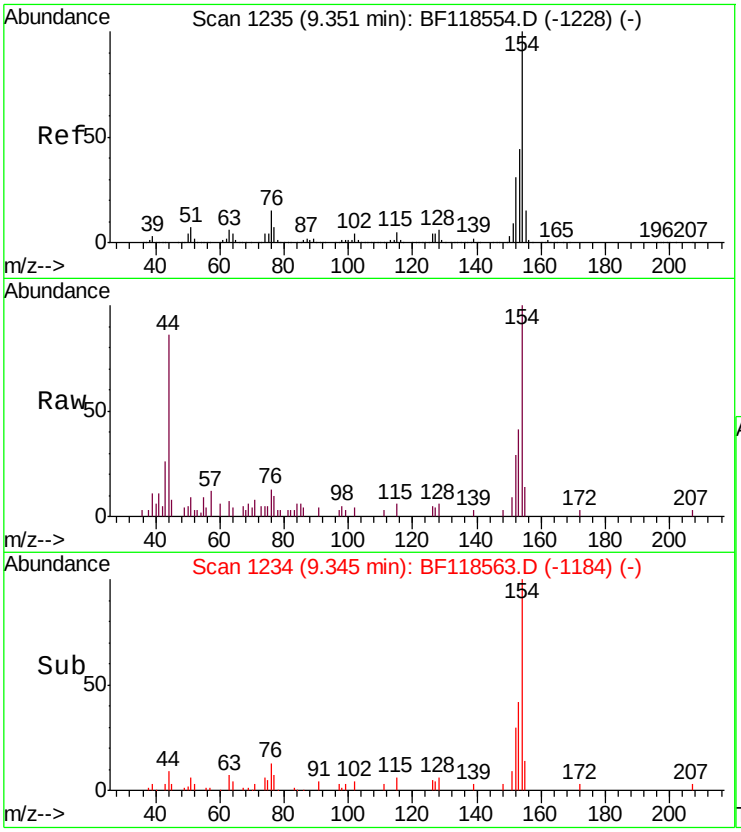


#45
2-Fluorobiphenyl
Concen: 99.334 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:172 Resp: 3583505

Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.4	48.6
170	27.3	22.5	33.7



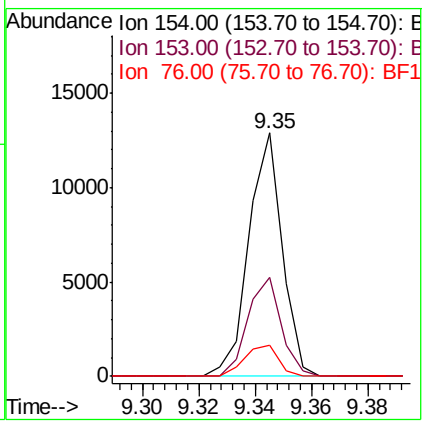


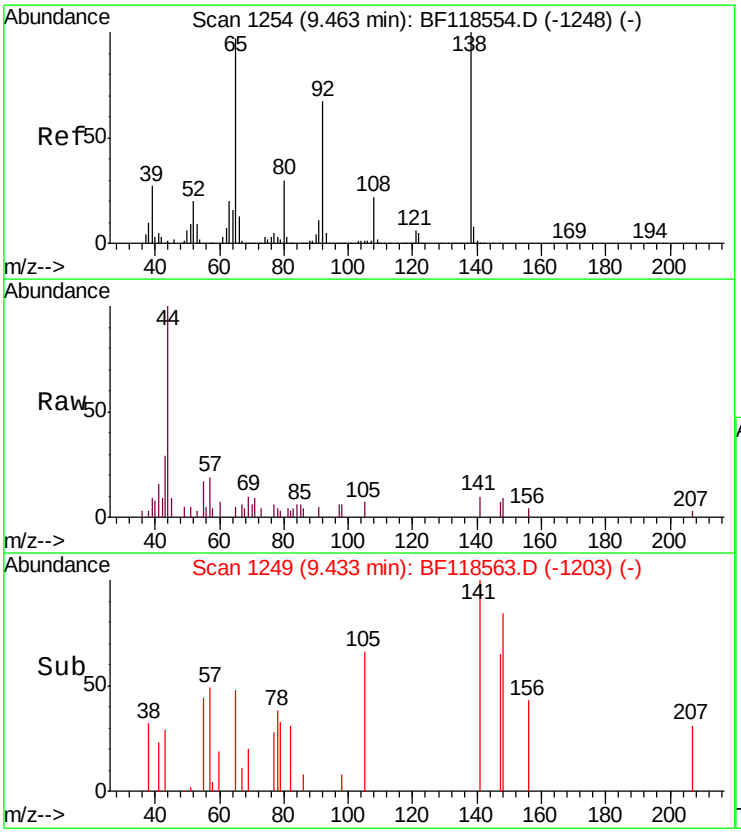
#46
1,1'-Biphenyl
Concen: 0.227 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:154 Resp: 10558

Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.7	63.7
76	12.9	0.0	35.2

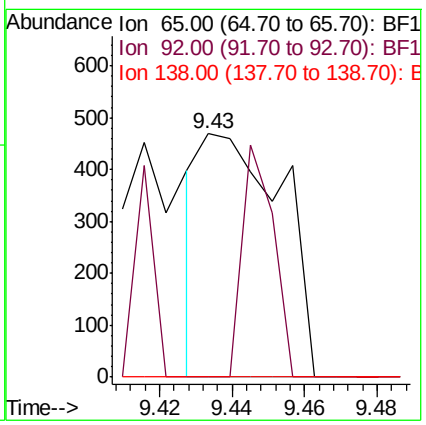


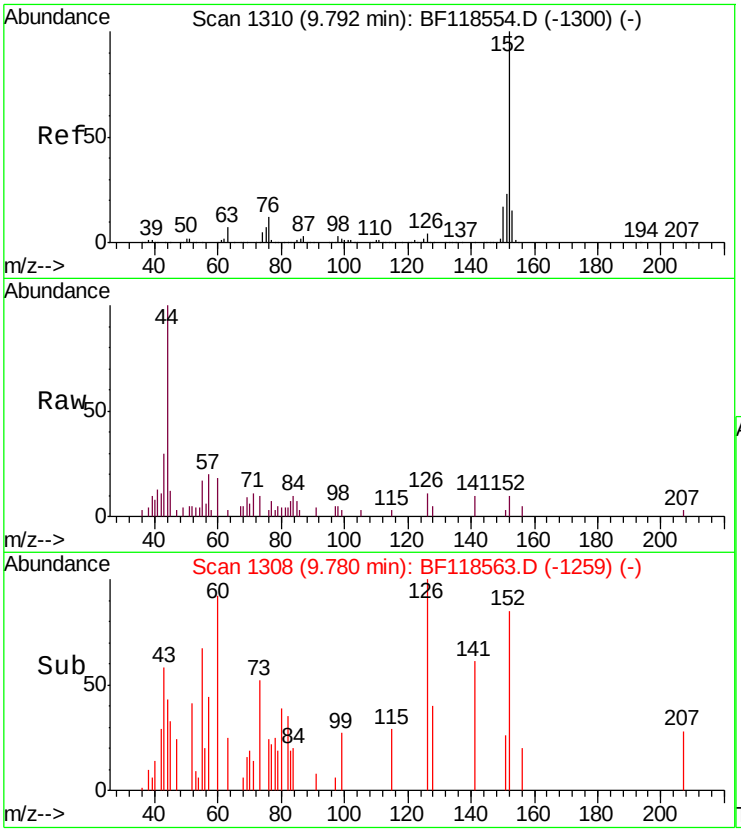


#48
2-Nitroaniline
Concen: 0.072 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.03 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 65 Resp: 731

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.3	82.9#
138	0.0	82.9	124.3#



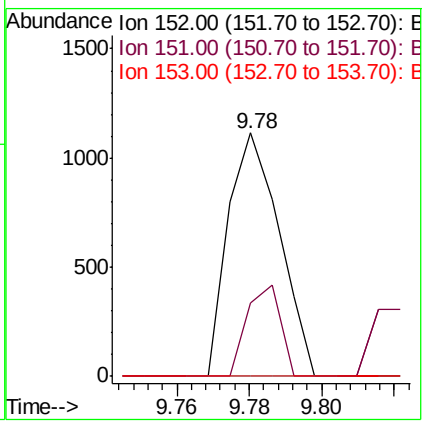


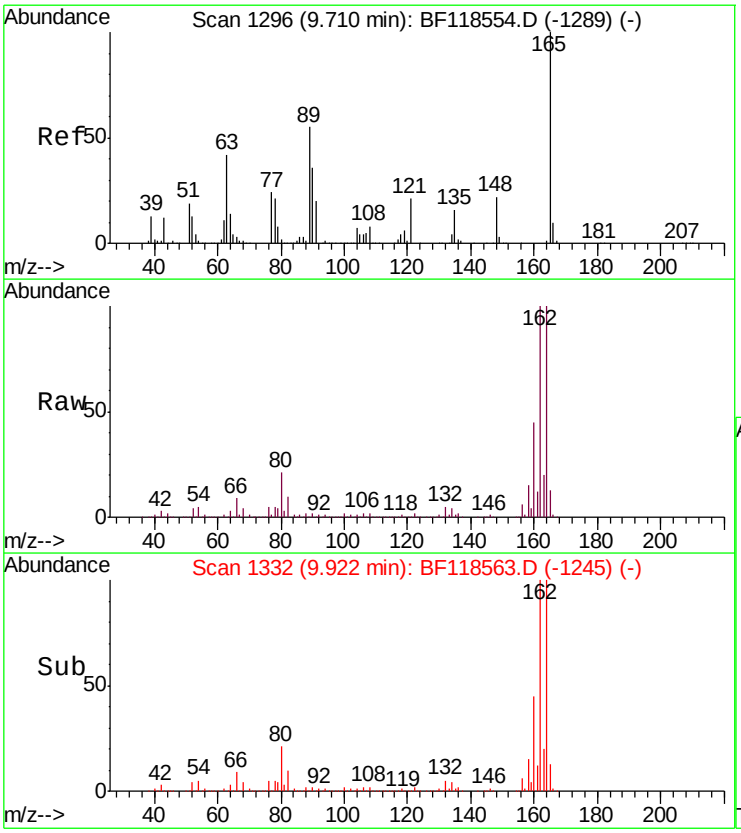
#49
Acenaphthylene
Concen: 0.020 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:152 Resp: 1091

Ion	Ratio	Lower	Upper
152	100		
151	30.3	18.6	27.8#
153	0.0	12.3	18.5#

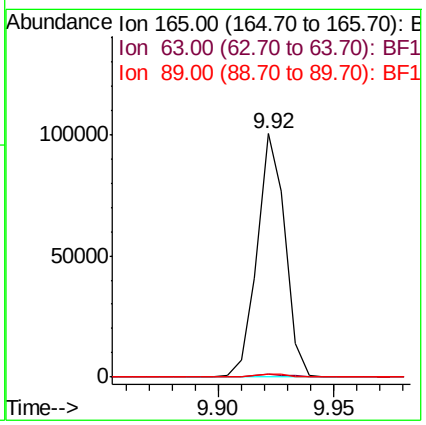


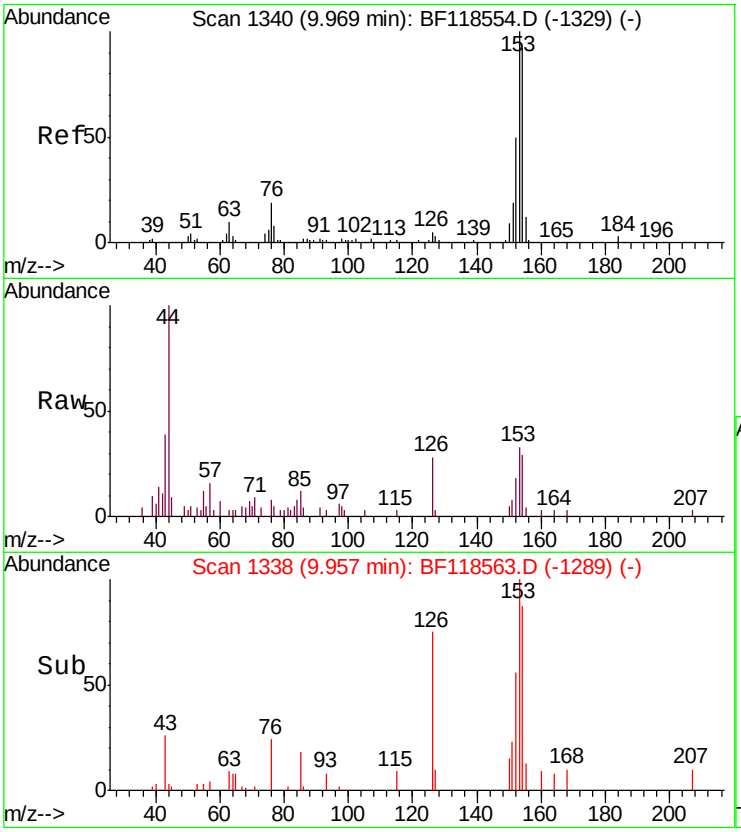


#51
2,6-Dinitrotoluene
Concen: 9.945 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:165 Resp: 84850

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.9	62.9#
89	1.3	44.0	66.0#



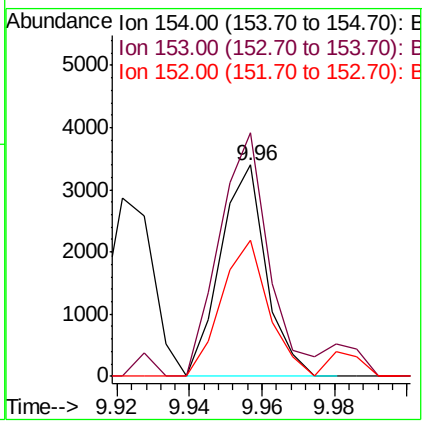


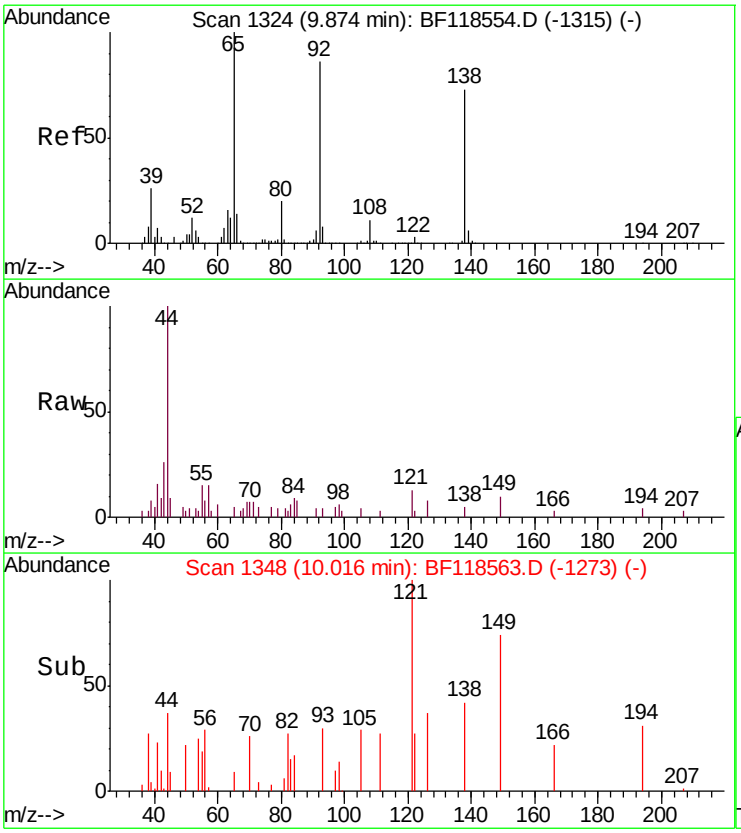
#52
Acenaphthene
Concen: 0.083 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:154 Resp: 2997

Ion	Ratio	Lower	Upper
154	100		
153	115.2	87.0	130.4
152	64.2	43.8	65.8

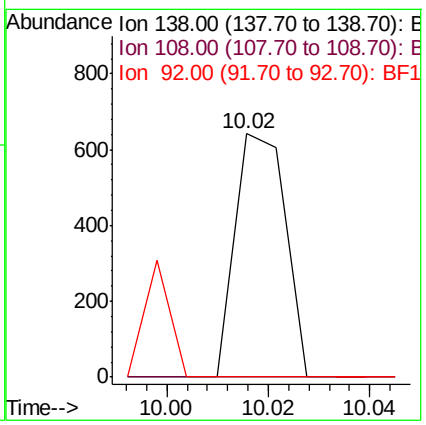


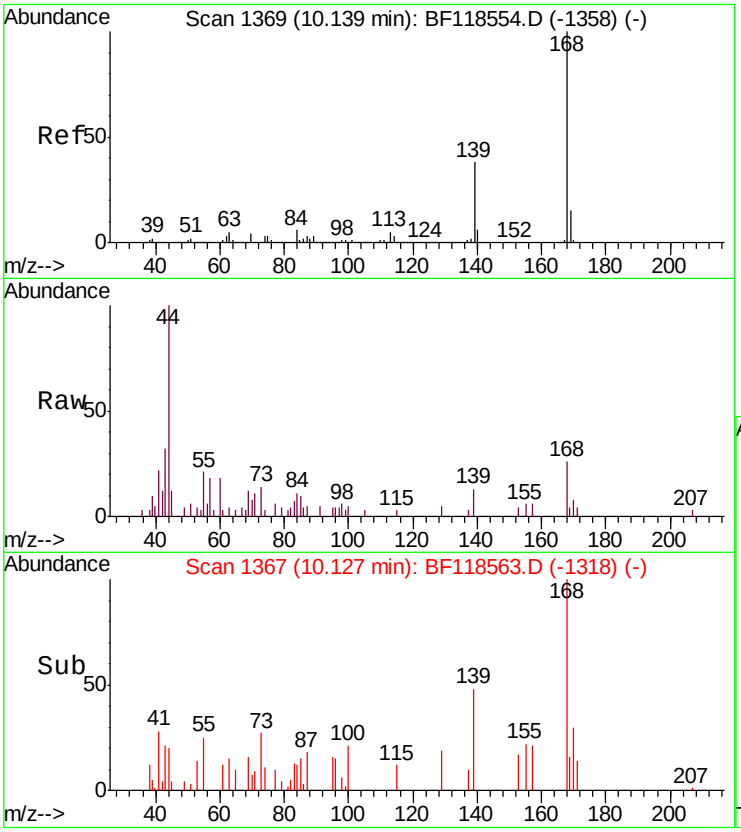


#53
3-Nitroaniline
Concen: 0.046 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.14 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:138 Resp: 440

Ion	Ratio	Lower	Upper
138	100		
108	0.0	12.2	18.4#
92	0.0	94.2	141.2#



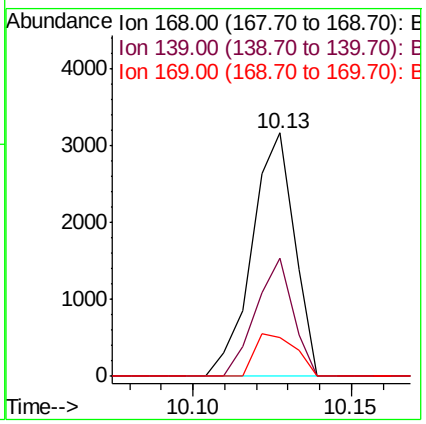


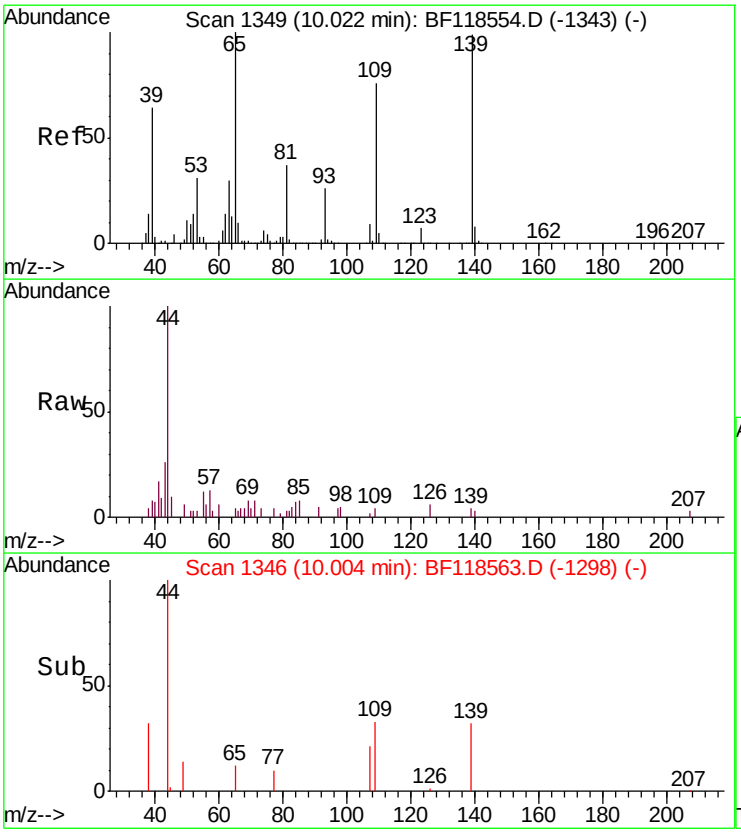
#55
Dibenzofuran
Concen: 0.057 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:168 Resp: 2950

Ion	Ratio	Lower	Upper
168	100		
139	48.3	30.6	46.0#
169	16.1	11.9	17.9

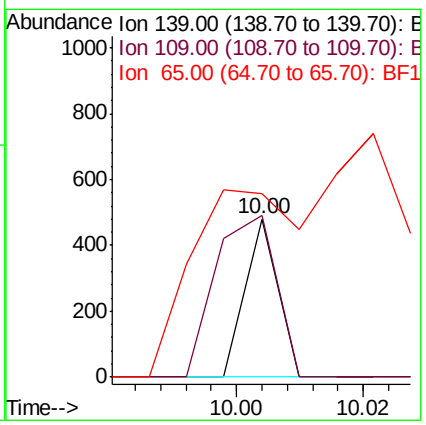


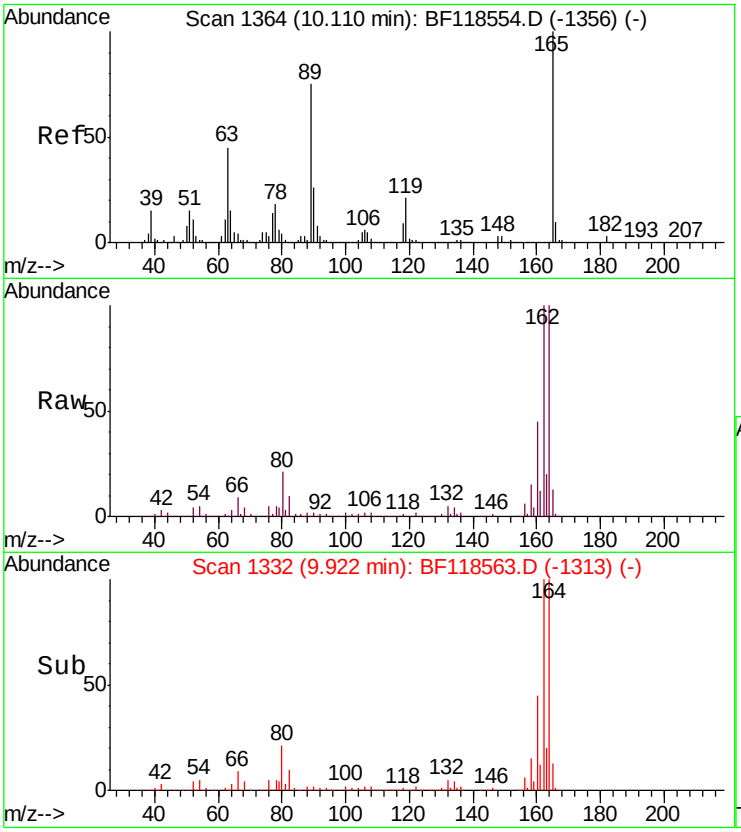


#56
4-Nitrophenol
Concen: 0.024 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:139 Resp: 169

Ion	Ratio	Lower	Upper
139	100		
109	102.1	56.9	96.9#
65	115.8	81.7	121.7



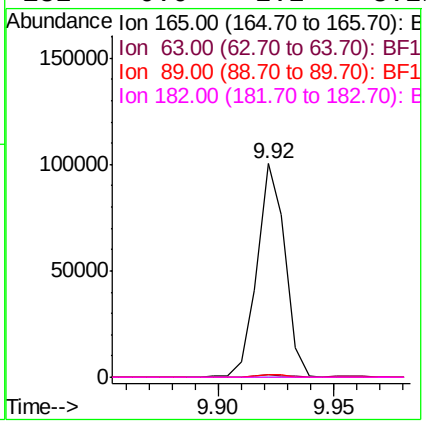


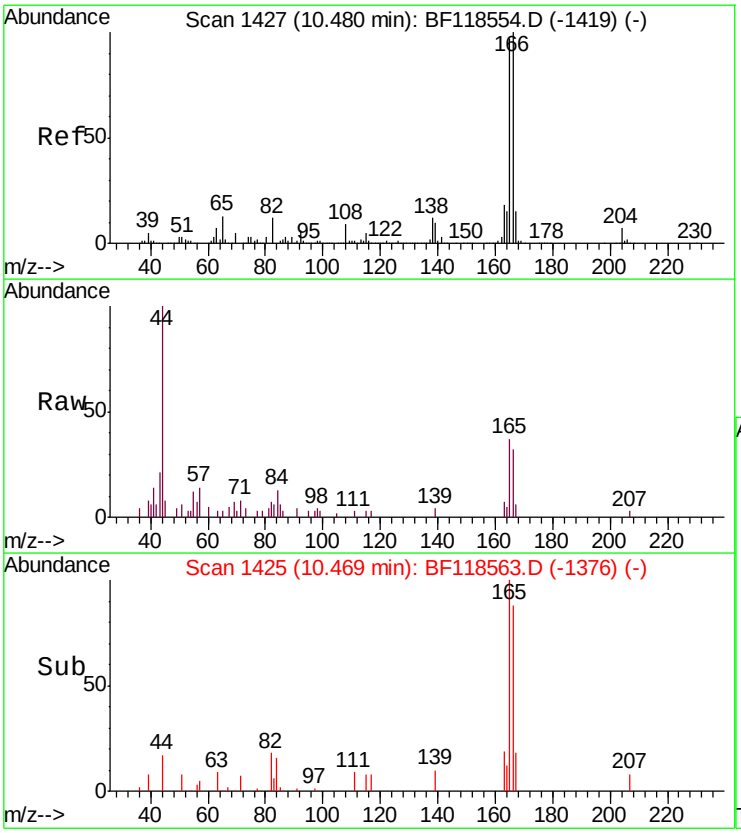
#57
2,4-Dinitrotoluene
Concen: 11.792 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:165 Resp: 84850

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.8	53.6#
89	1.3	59.9	89.9#
182	0.0	2.2	3.2#

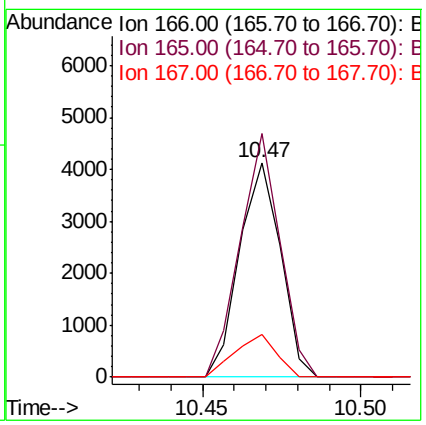


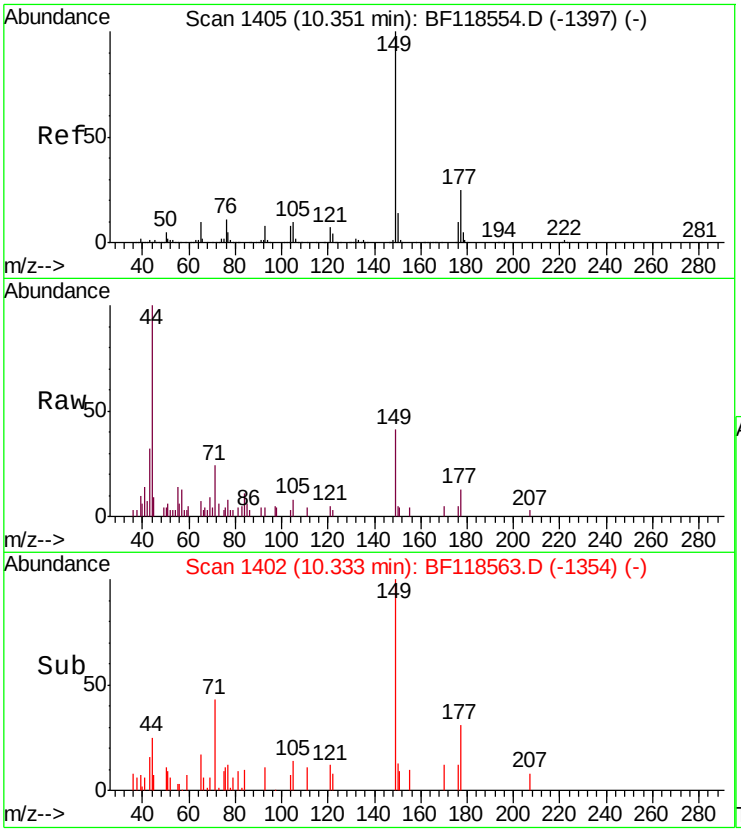


#58
Fluorene
Concen: 0.093 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:166 Resp: 3706

Ion	Ratio	Lower	Upper
166	100		
165	113.5	77.8	116.8
167	20.1	11.7	17.5#



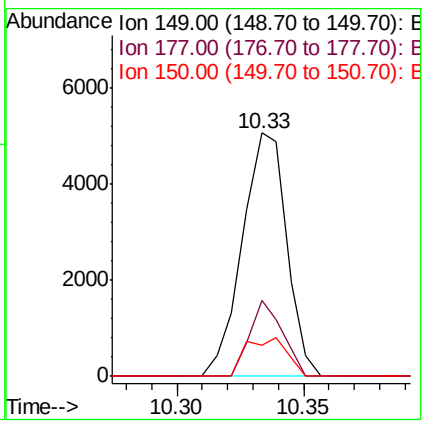


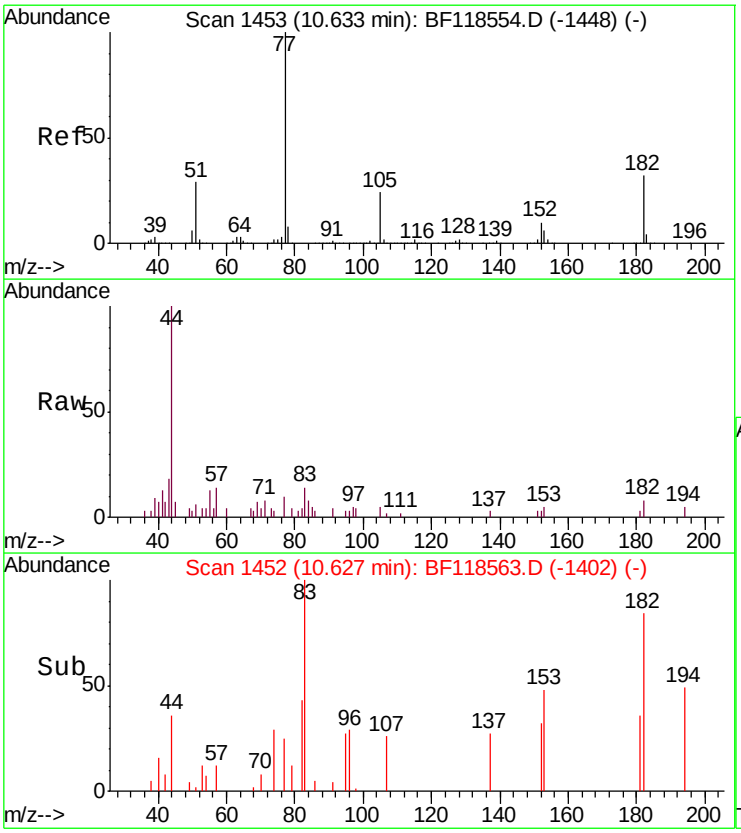
#60
Diethylphthalate
Concen: 0.142 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:149 Resp: 6194

Ion	Ratio	Lower	Upper
149	100		
177	31.1	20.2	30.4#
150	12.9	11.0	16.4

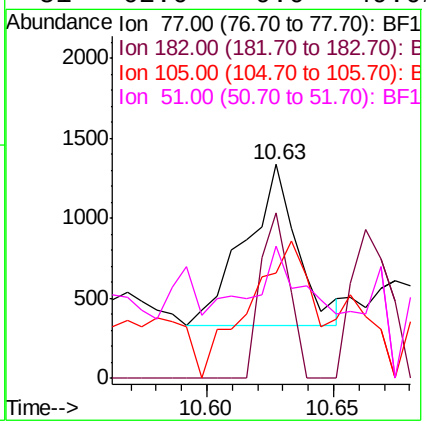


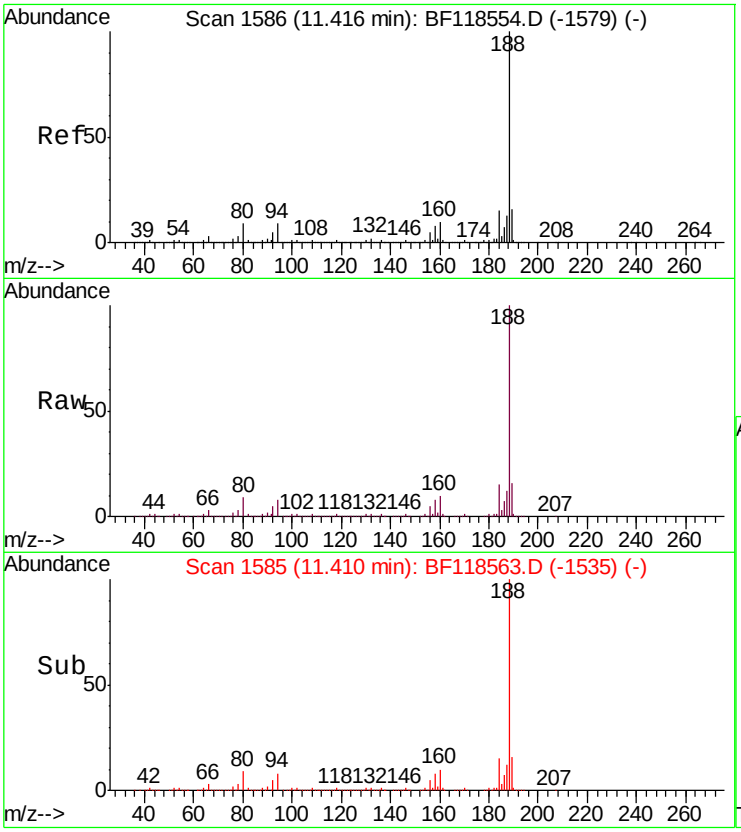


#63
Azobenzene
Concen: 0.034 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion: 77 Resp: 1443

Ion	Ratio	Lower	Upper
77	100		
182	77.5	11.7	51.7#
105	48.9	3.6	43.6#
51	62.0	9.0	49.0#



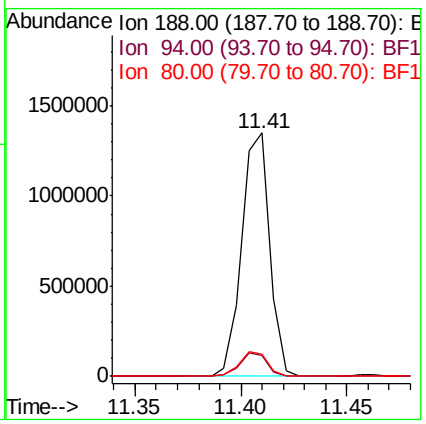


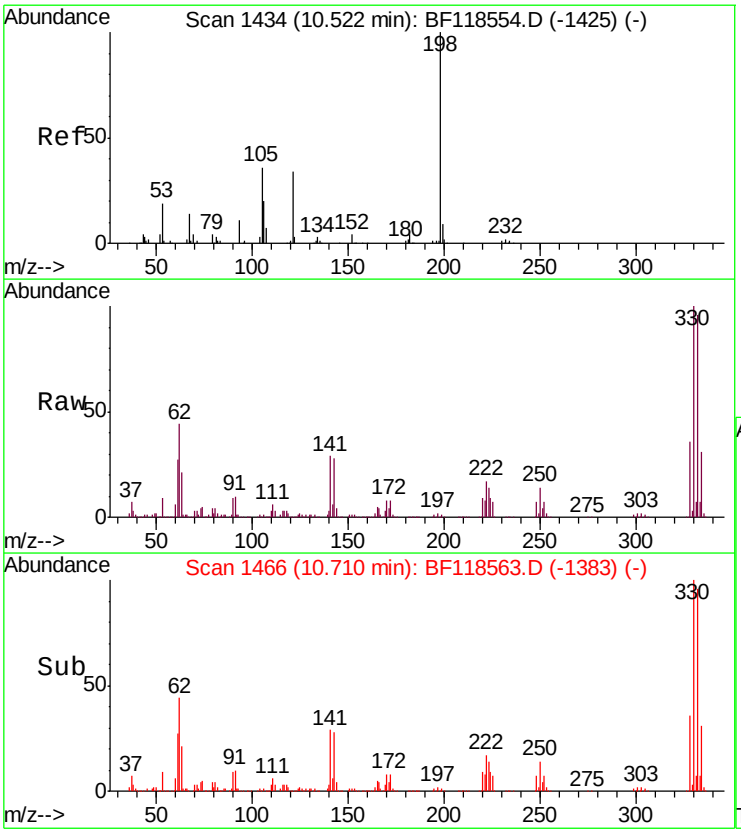
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:188 Resp: 1239057

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.1	7.4	11.2

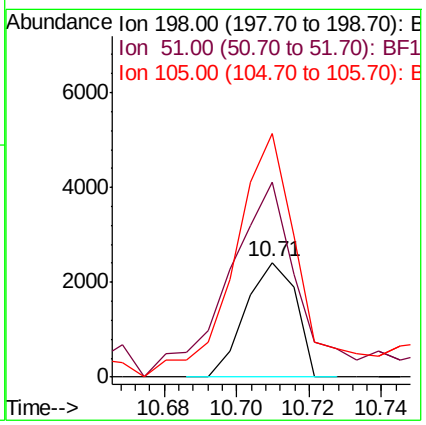


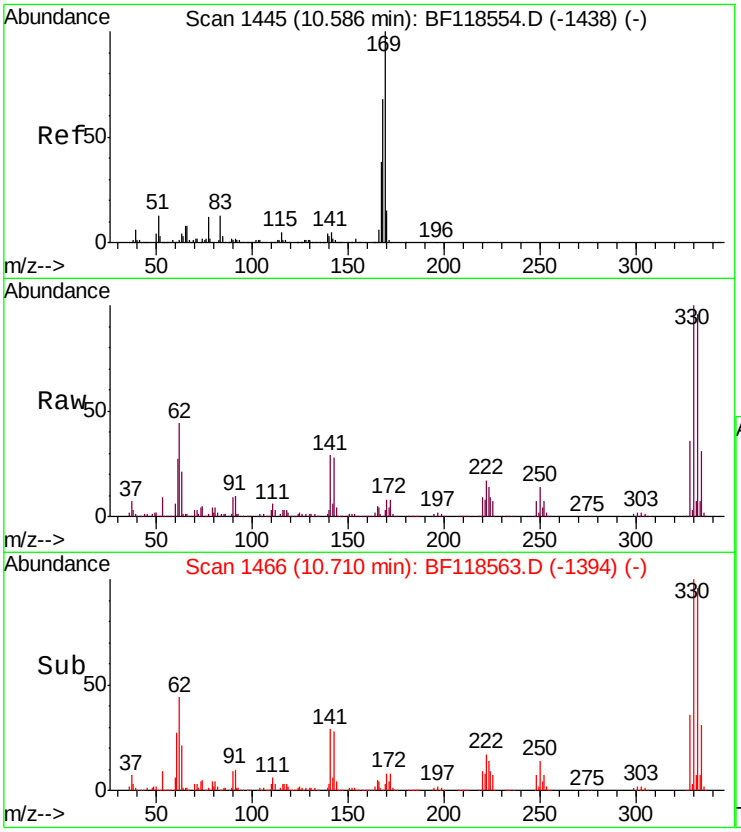


#65
4,6-Dinitro-2-methylphenol
Concen: 10.094 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:198 Resp: 2331

Ion	Ratio	Lower	Upper
198	100		
51	169.9	13.2	53.2#
105	212.3	17.2	57.2#



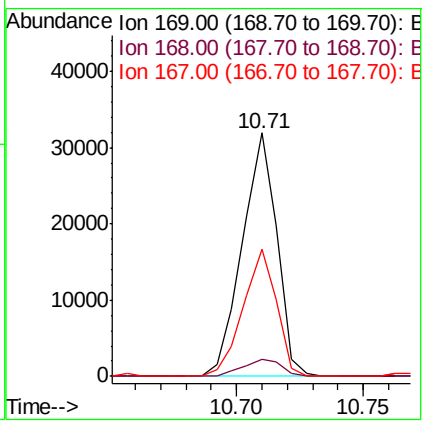


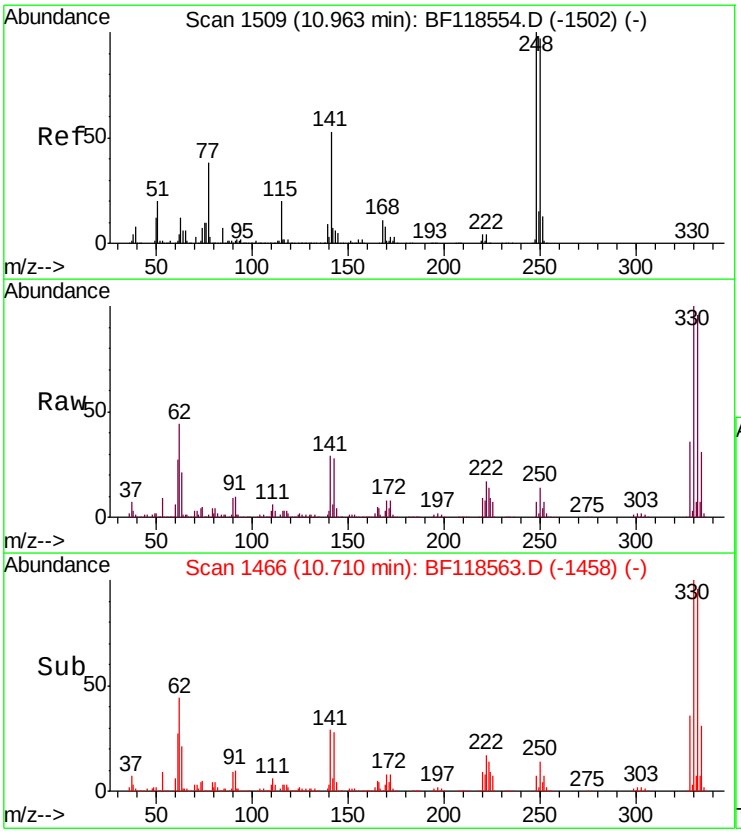
#66
n-Nitrosodiphenylamine
Concen: 0.761 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:169 Resp: 30312

Ion	Ratio	Lower	Upper
169	100		
168	6.8	54.2	81.4#
167	52.4	30.5	45.7#

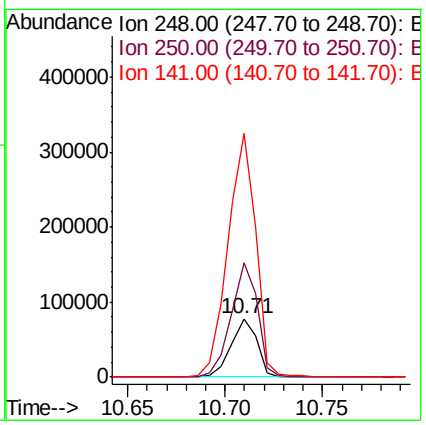


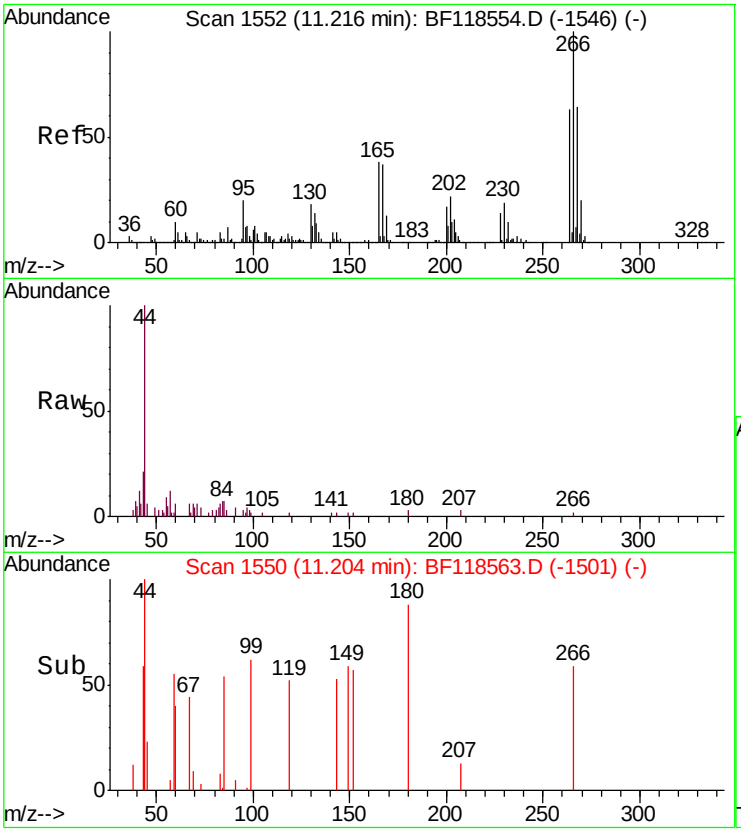


#67
4-Bromophenyl-phenylether
Concen: 4.339 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:248 Resp: 71962

Ion	Ratio	Lower	Upper
248	100		
250	196.9	77.8	116.8#
141	417.3	42.7	64.1#



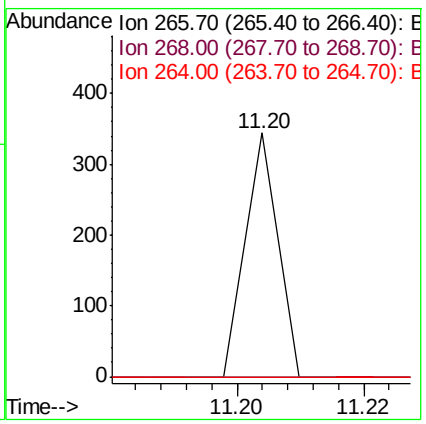


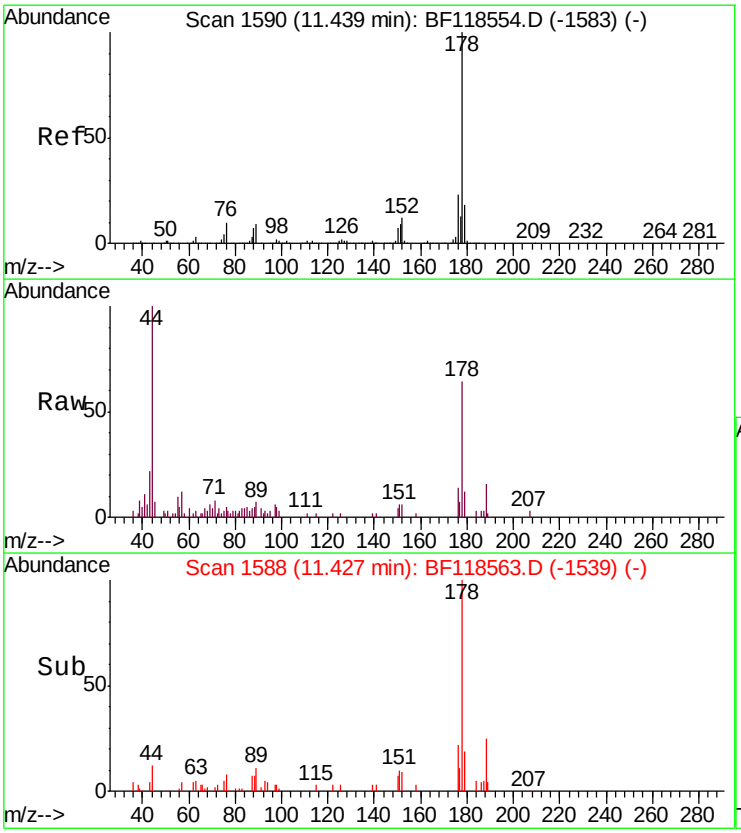
#70
Pentachlorophenol
Concen: 0.013 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:266 Resp: 121

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.0	76.4#
264	0.0	50.5	75.7#

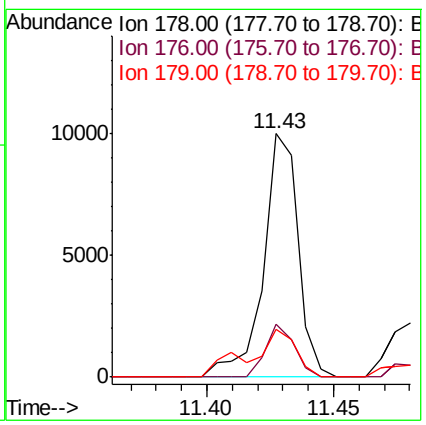


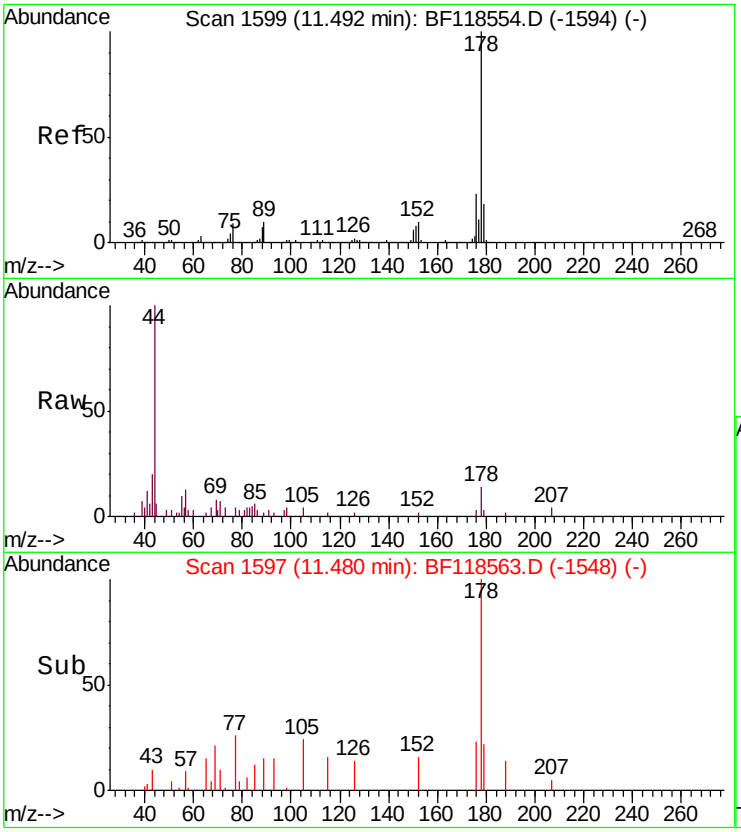


#71
Phenanthrene
Concen: 0.155 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:178 Resp: 9651

Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.6	28.0
179	19.4	14.6	22.0



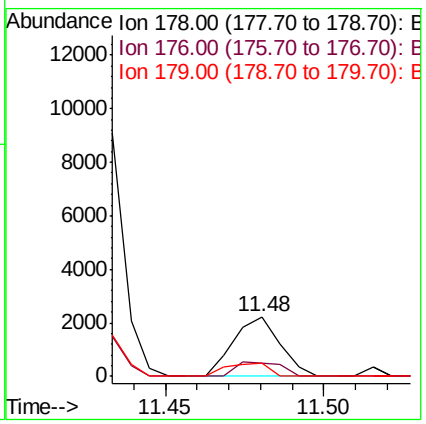


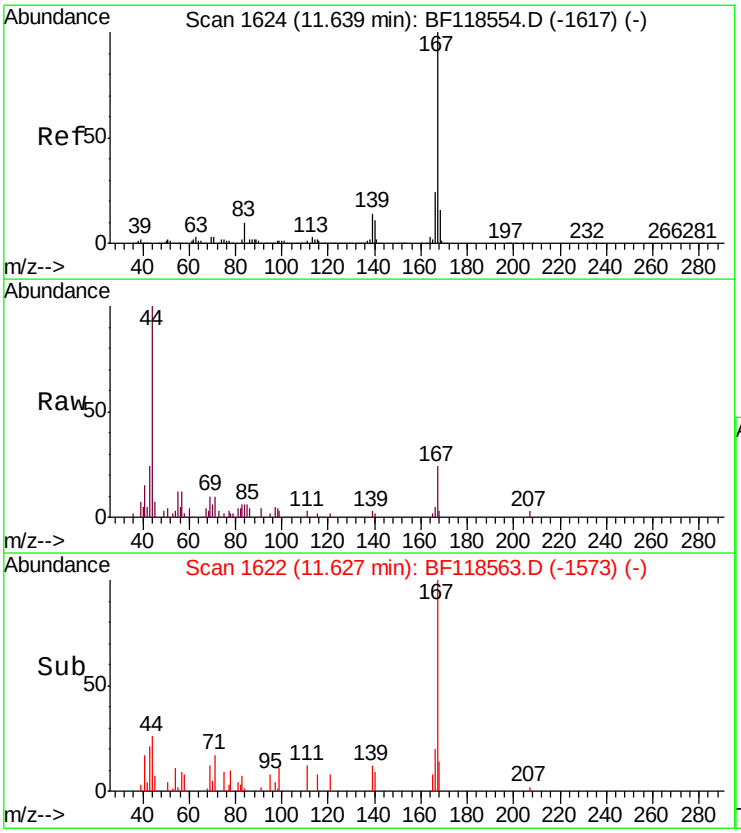
#72
Anthracene
Concen: 0.036 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:178 Resp: 2263

Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.1	27.1
179	21.5	14.7	22.1

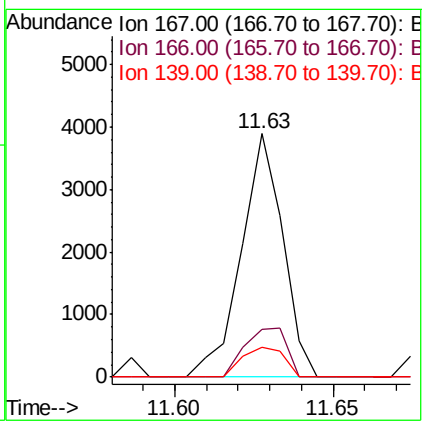


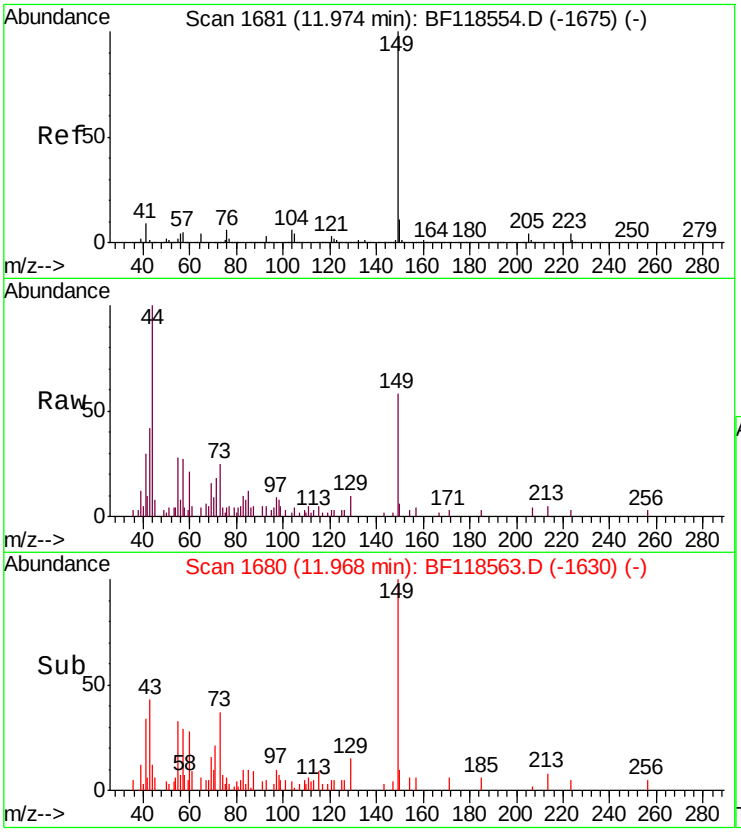


#73
Carbazole
Concen: 0.063 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:167 Resp: 3555

Ion	Ratio	Lower	Upper
167	100		
166	19.5	19.5	29.3#
139	12.2	11.5	17.3



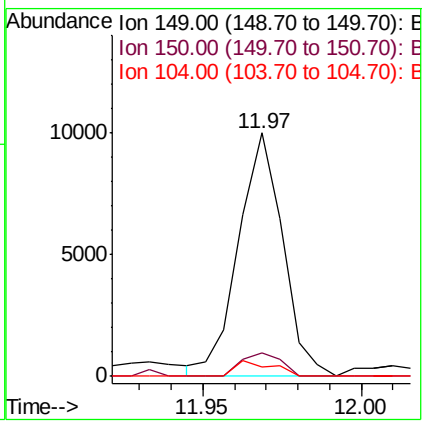


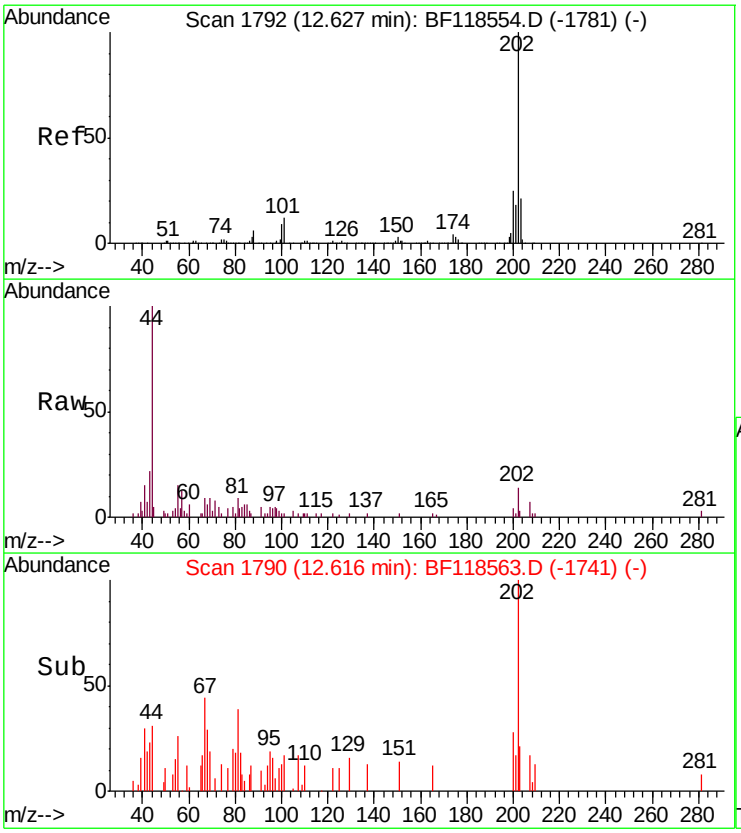
#74
Di-n-butylphthalate
Concen: 0.139 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:149 Resp: 9701

Ion	Ratio	Lower	Upper
149	100		
150	9.7	9.0	13.6
104	4.1	5.0	7.4#

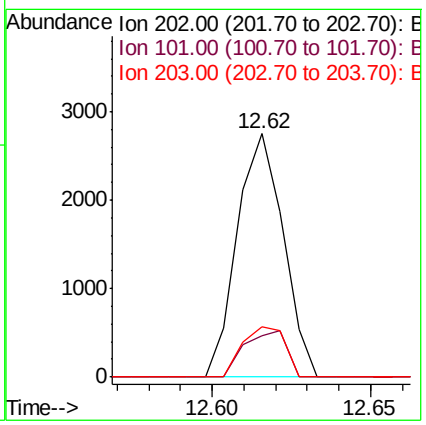


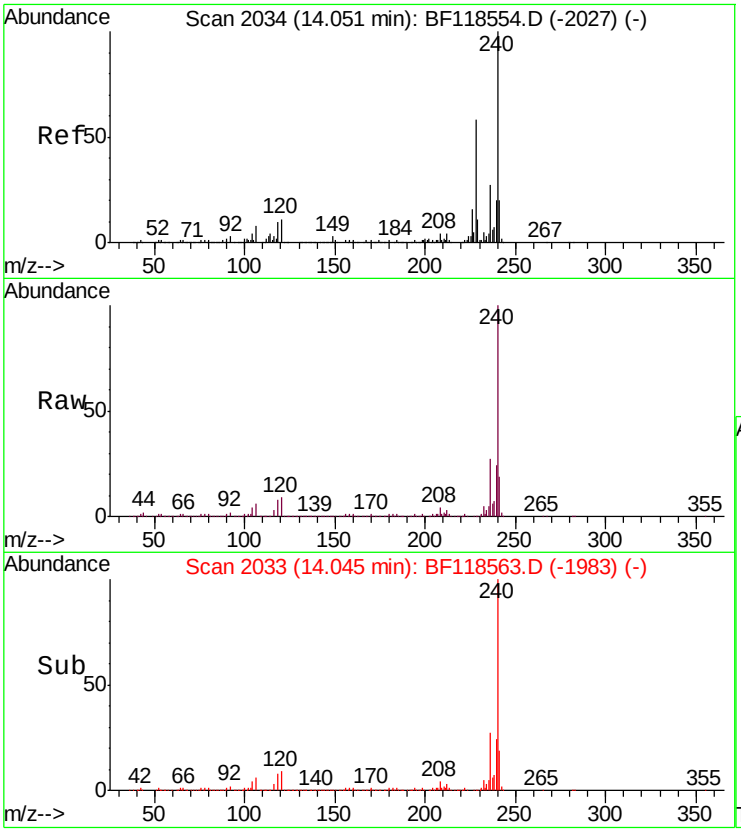


#75
Fluoranthene
Concen: 0.041 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:202 Resp: 2768

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	31.9
203	20.6	0.9	40.9



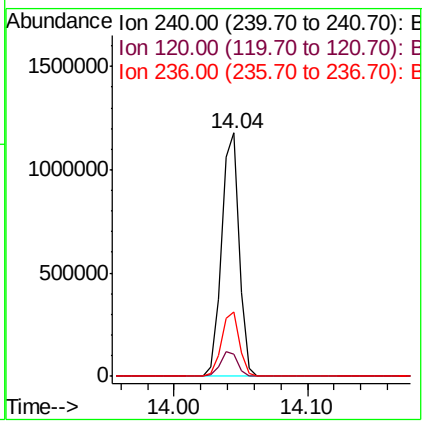


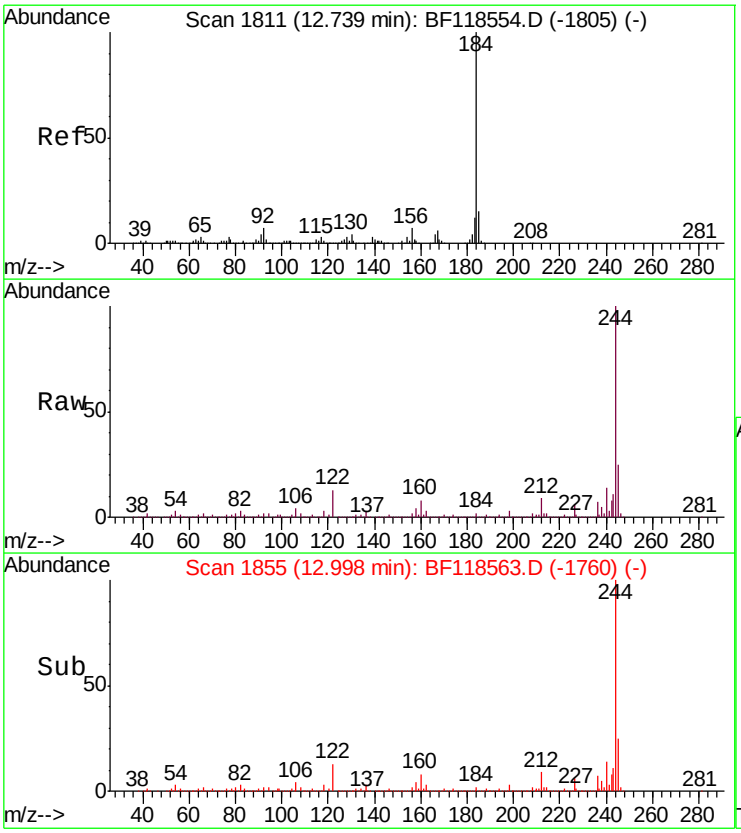
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:240 Resp: 1101350

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.7	13.1
236	26.6	21.8	32.8

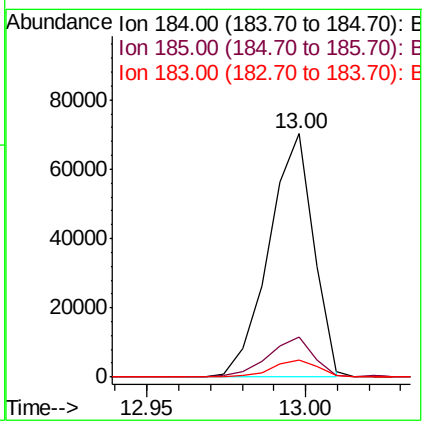


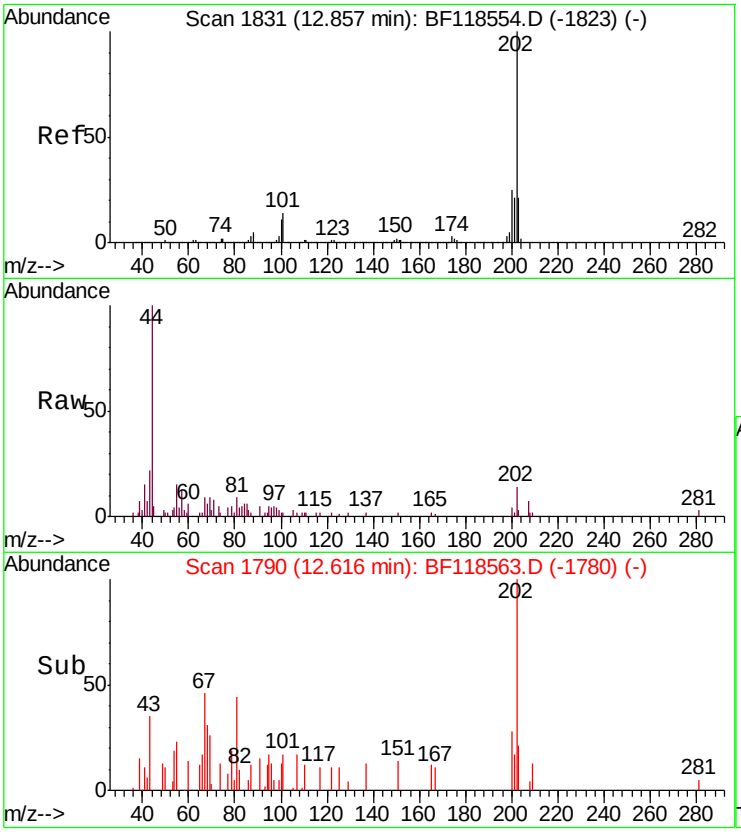


#77
Benzidine
Concen: 2.577 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:184 Resp: 68950

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.3	18.5
183	7.1	9.5	14.3#



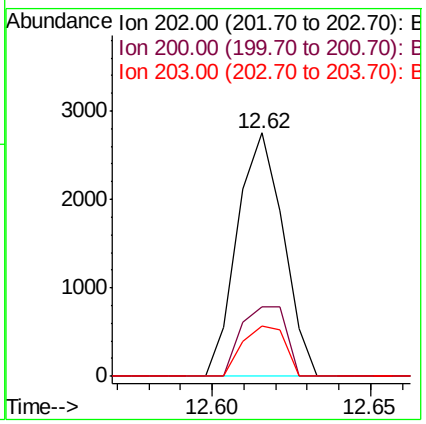


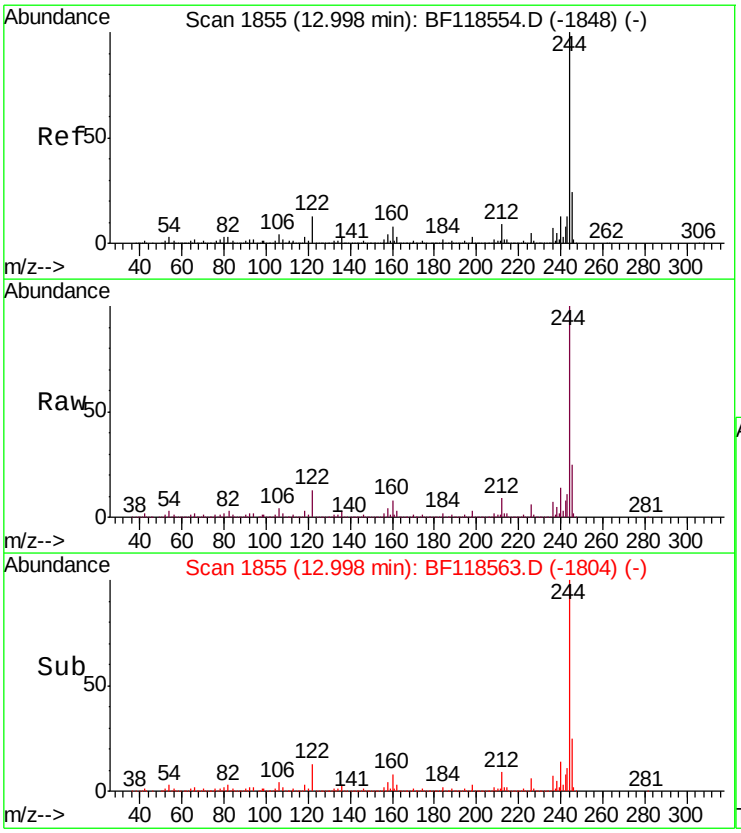
#78
Pyrene
Concen: 0.034 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.24 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:202 Resp: 2768

Ion	Ratio	Lower	Upper
202	100		
200	28.4	20.2	30.4
203	20.6	16.6	25.0

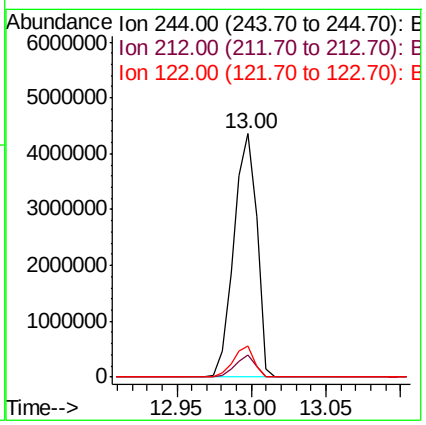


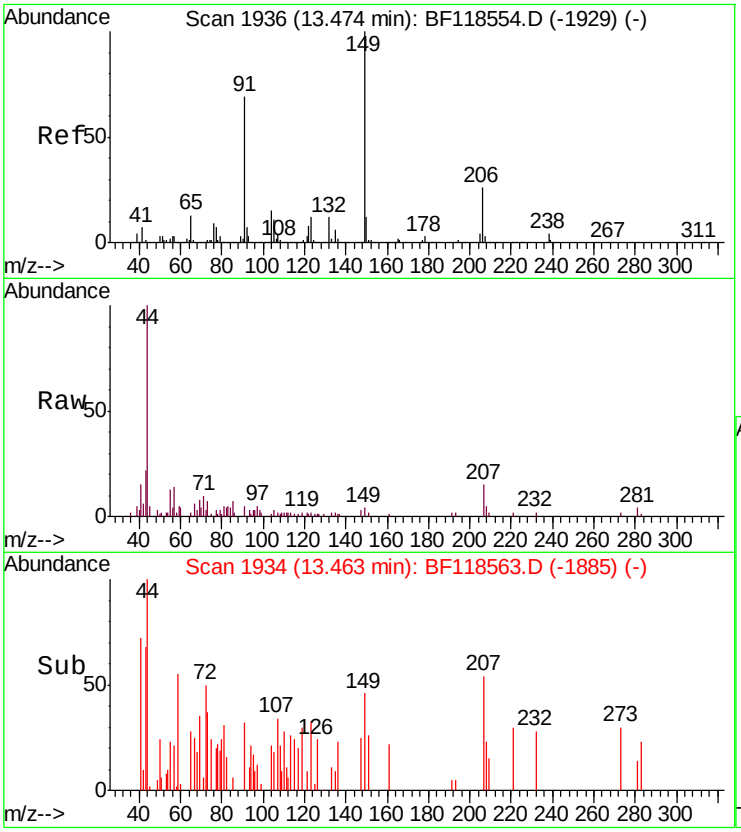


#79
Terphenyl-d14
Concen: 84.744 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:244 Resp: 4725865

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	13.0	10.4	15.6



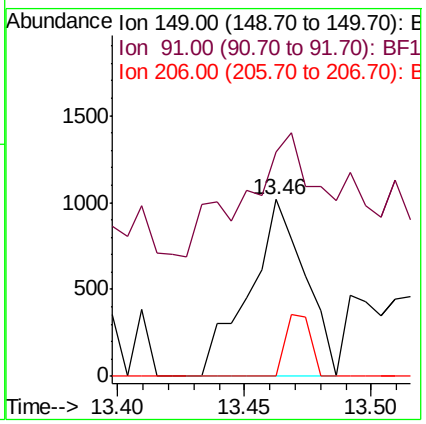


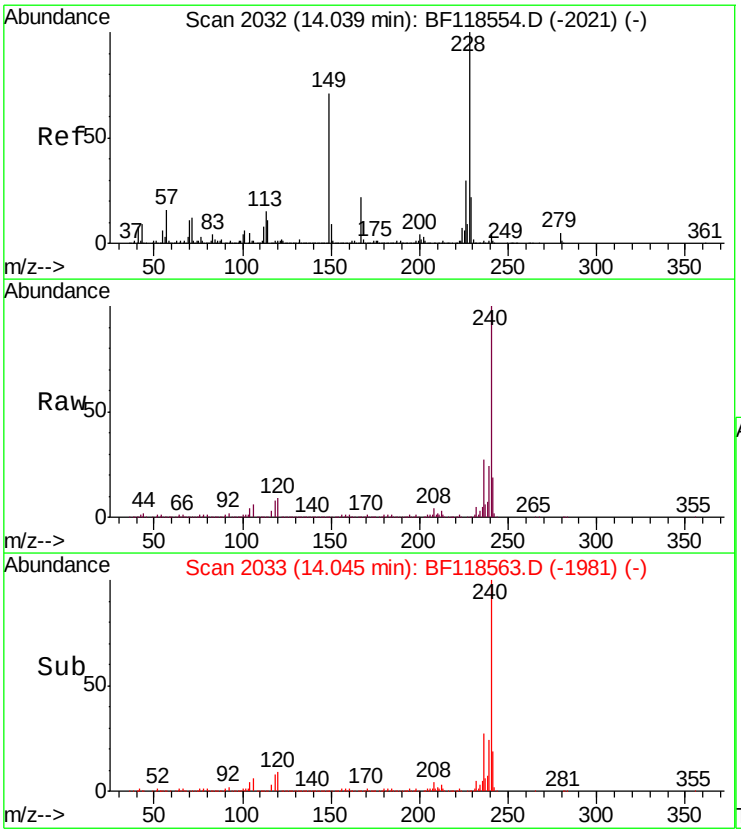
#80
Butylbenzylphthalate
Concen: 0.044 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:149 Resp: 1565

Ion	Ratio	Lower	Upper
149	100		
91	126.9	55.5	83.3#
206	0.0	20.7	31.1#

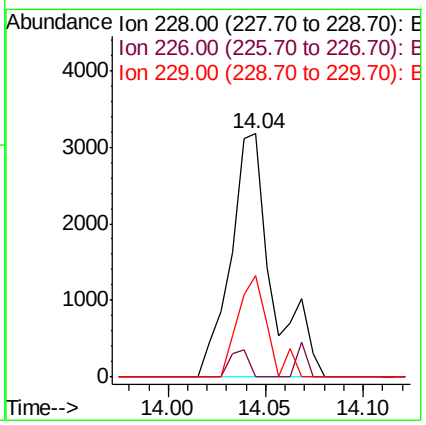


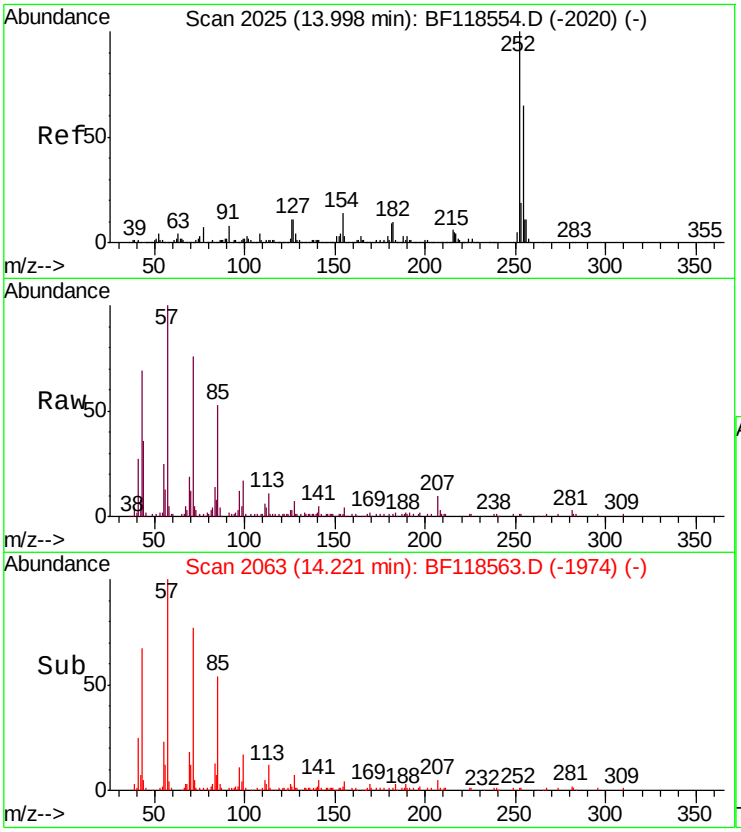


#81
Benzo(a)anthracene
Concen: 0.067 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:228 Resp: 4671

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.7	35.5#
229	41.4	17.3	25.9#



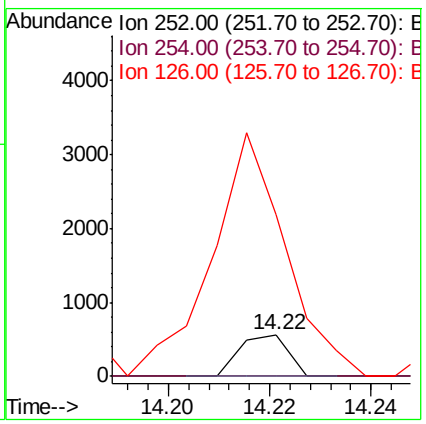


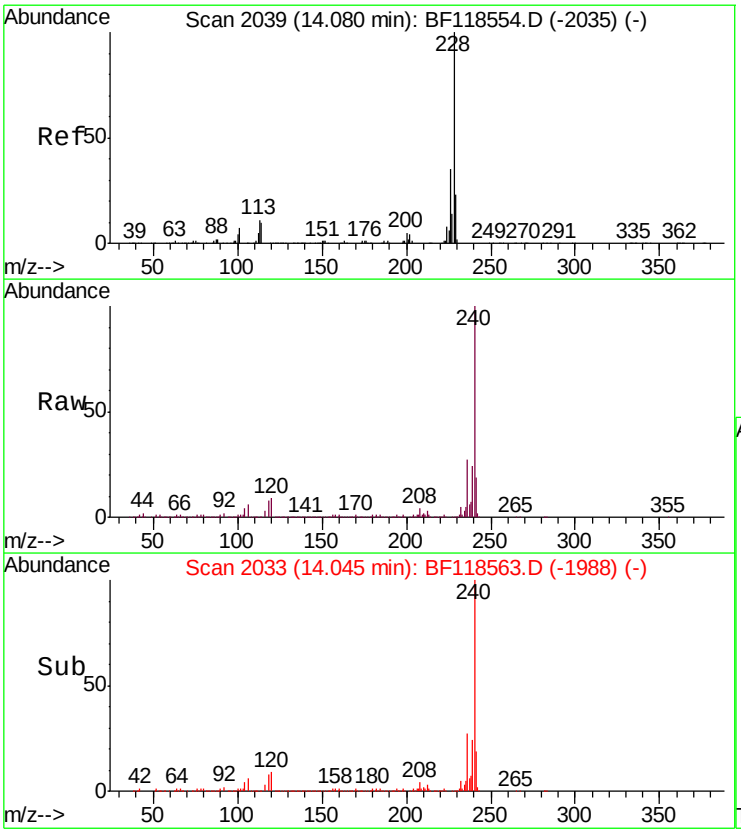
#82
3,3'-Dichlorobenzidine
Concen: 0.015 ng
RT: 14.22 min Scan# 2063
Delta R.T. 0.22 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:252 Resp: 372

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.0	78.0#
126	385.0	9.1	13.7#

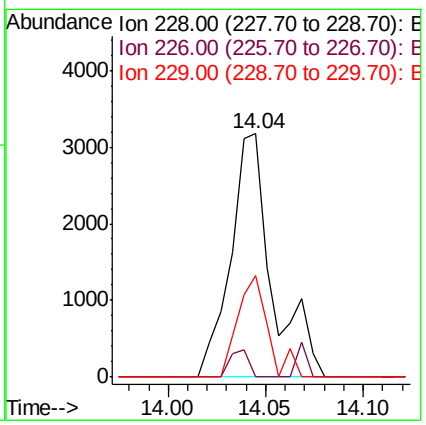


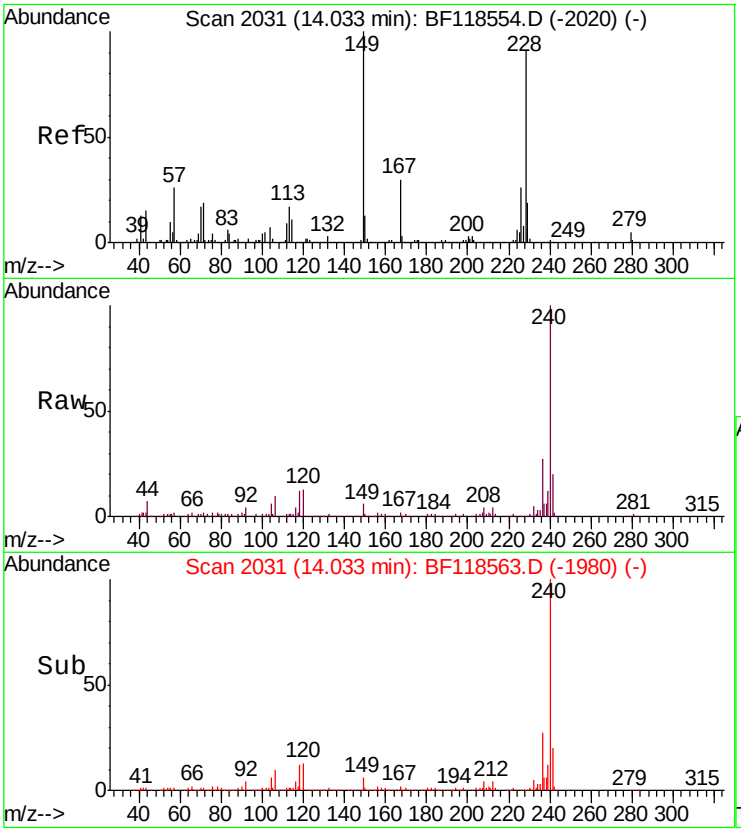


#83
Chrysene
Concen: 0.070 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.04 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:228 Resp: 4671

Ion	Ratio	Lower	Upper
228	100		
226	0.0	28.2	42.2#
229	41.4	18.2	27.2#



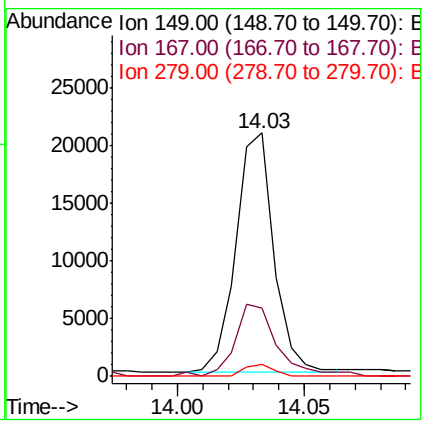


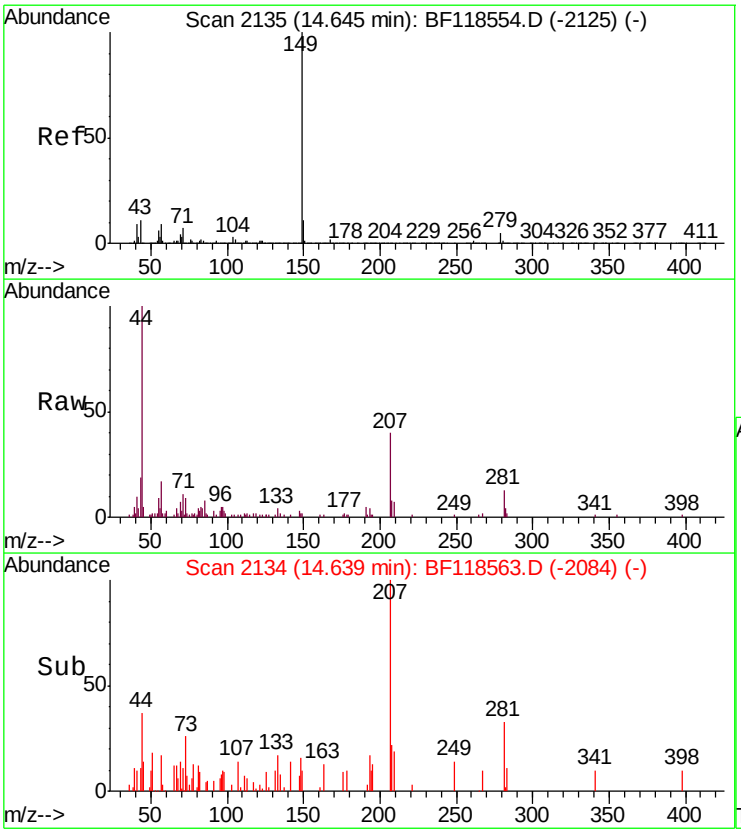
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.494 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:149 Resp: 21600

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.9	35.9
279	5.0	4.2	6.2

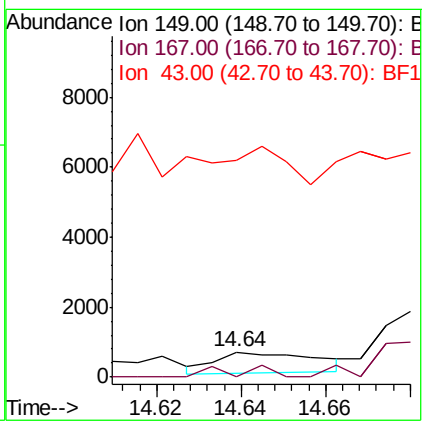


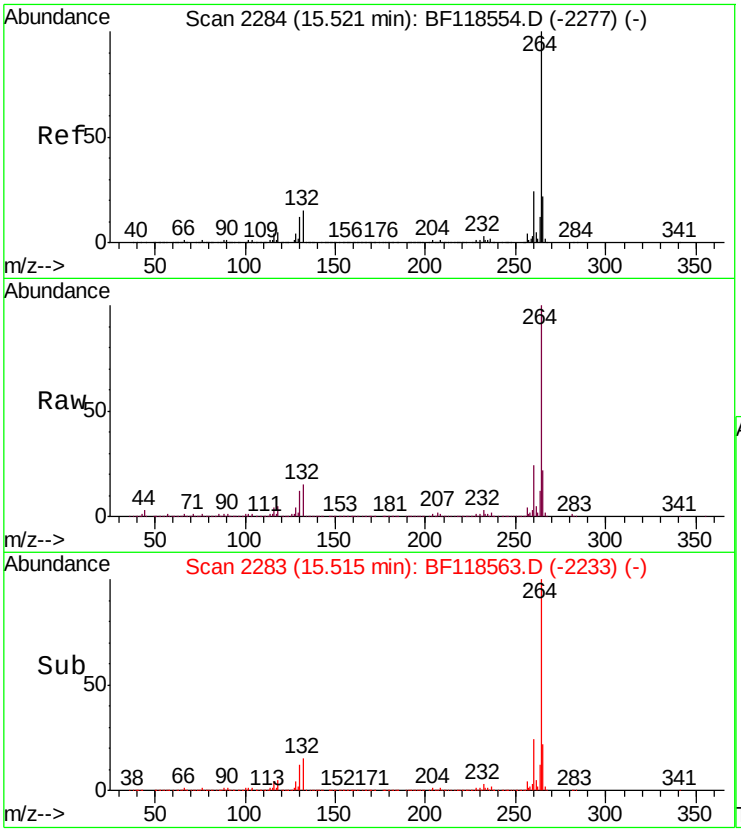


#85
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:149 Resp: 984

Ion	Ratio	Lower	Upper
149	100		
167	10.9	1.4	2.2#
43	0.0	8.9	13.3#



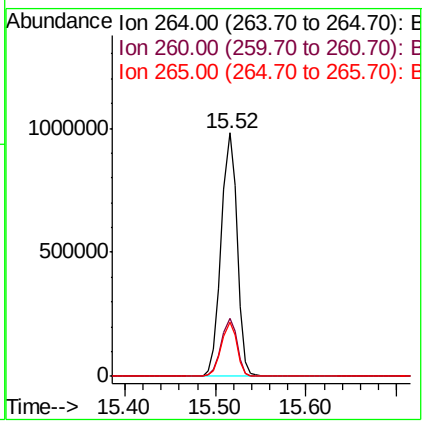


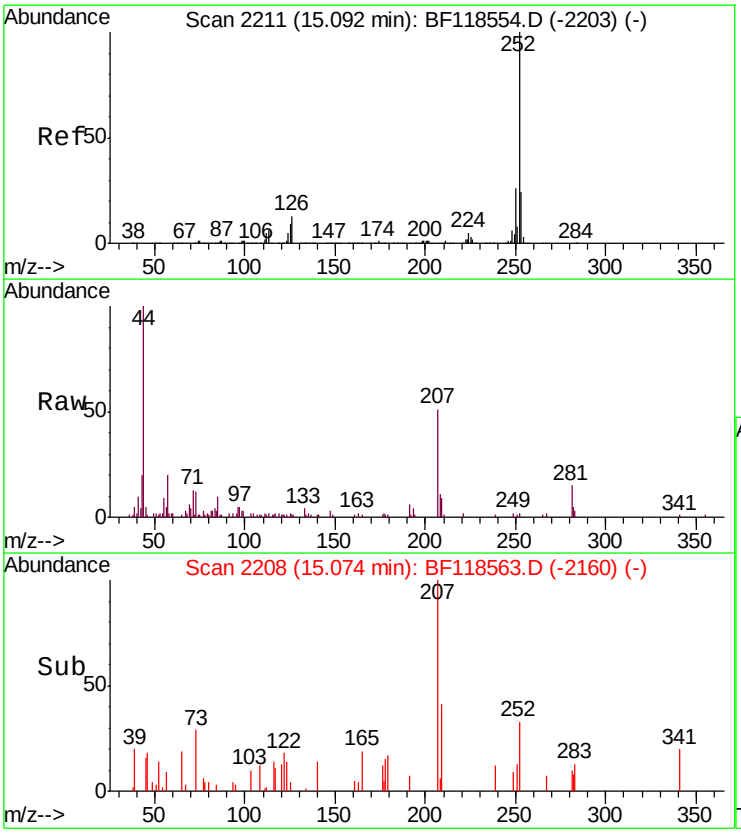
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:264 Resp: 1190768

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.2	17.6	26.4

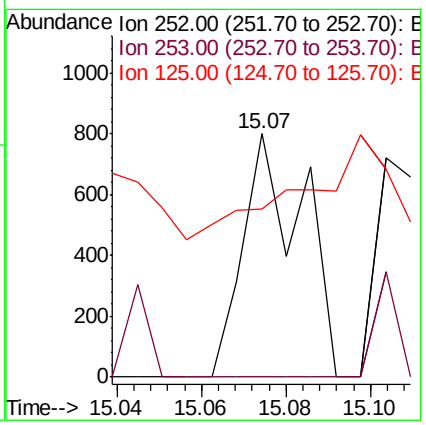


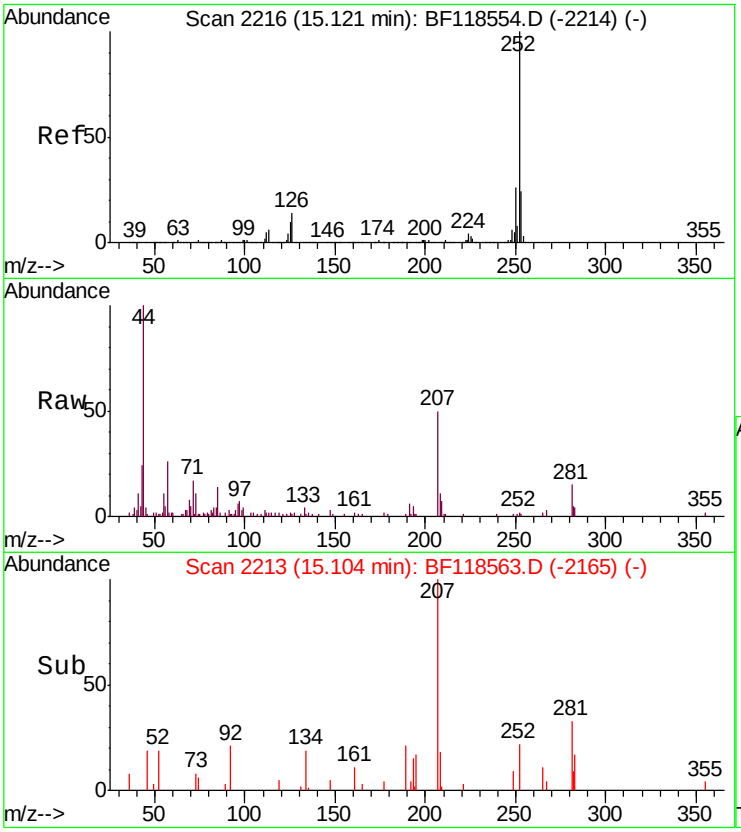


#88
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:252 Resp: 778

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.1	28.7#
125	68.9	7.5	11.3#



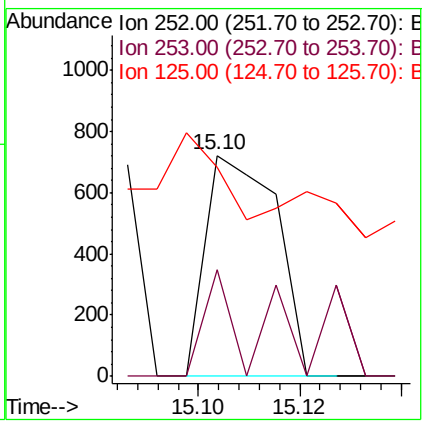


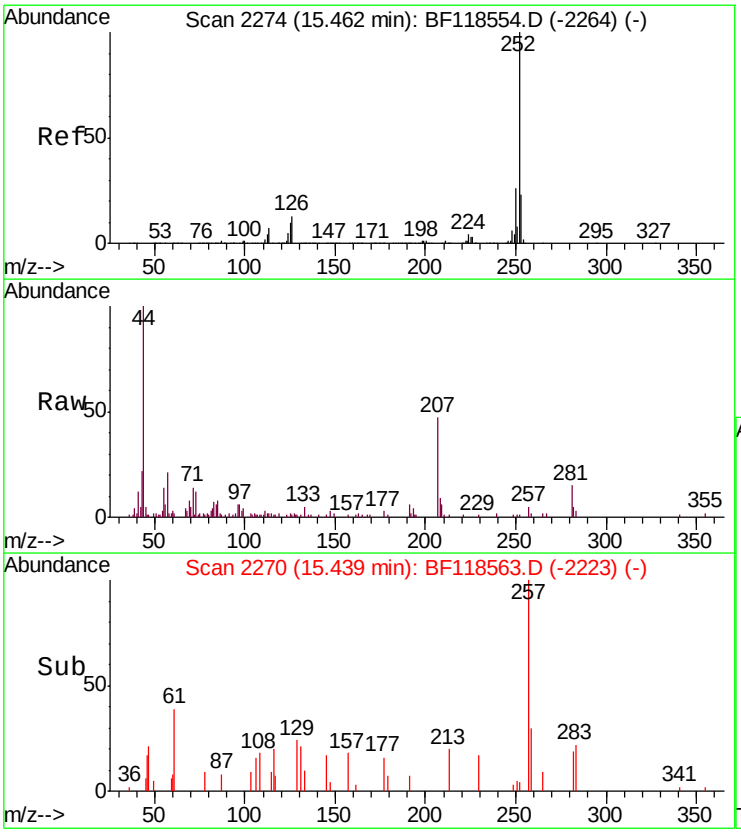
#89
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
HD-01-011520

Tgt Ion:252 Resp: 697

Ion	Ratio	Lower	Upper
252	100		
253	48.1	19.0	28.4#
125	94.5	7.8	11.8#





#90
Benzo(a)pyrene
Concen: 0.005 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF118563.D
Acq: 17 Jan 2020 17:39

Tgt Ion:252 Resp: 313

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	163.0	7.8	11.6#