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

Quantitation Report (Not Reviewed)

Data File : BF118573.D
Acq On : 17 Jan 2020 22:19
Operator : JU
Sample : L1017-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-011520

Quant Time: Jan 18 01:09:04 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	343106	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1254002	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	689190	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	1306854	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1150387	20.00	ng		0.00
87) Perylene-d12	15.52	264	1194712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2550386	137.35	ng		0.01
7) Phenol-d6	6.52	99	3100495	127.43	ng		0.00
23) Nitrobenzene-d5	7.45	82	2057017	101.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	1148509	150.75	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3881020	101.66	ng		0.00
79) Terphenyl-d14	13.00	244	4975216	85.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	325	0.036	ng	#	23
3) Pyridine	3.44	79	400	0.016	ng	#	1
4) n-Nitrosodimethylamine	3.37	42	175	0.015	ng	#	1
6) Aniline	6.55	93	241	0.008	ng	#	41
8) 2-Chlorophenol	6.67	128	828	0.039	ng	#	1
9) Benzaldehyde	6.52	77	5749	0.462	ng	#	3
10) Phenol	6.52	94	781	0.029	ng	#	1
11) bis(2-Chloroethyl)ether	6.66	93	4484	0.210	ng	#	1
12) 1,3-Dichlorobenzene	6.90	146	106	0.004	ng	#	1
13) 1,4-Dichlorobenzene	6.90	146	106	0.004	ng	#	23
14) 1,2-Dichlorobenzene	7.05	146	113	0.005	ng	#	1
15) Benzyl Alcohol	7.05	79	38531	1.930	ng	#	43
16) 2,2'-oxybis(1-Chloropropan	7.14	45	63	0.002	ng		65
17) 2-Methylphenol	7.05	107	284	0.016	ng	#	1
18) Hexachloroethane	7.43	117	138	0.015	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	296821	17.011	ng	#	78
20) 3+4-Methylphenols	7.05	107	284	0.013	ng	#	1
22) Acetophenone	7.29	105	3611	0.119	ng	#	91
24) Nitrobenzene	7.45	77	7706	0.357	ng	#	32
25) Isophorone	7.45	82	2049414	46.508	ng	#	63
27) 2,4-Dimethylphenol	7.83	122	1465	0.084	ng	#	4
28) bis(2-Chloroethoxy)methane	8.02	93	122	0.004	ng	#	48
30) 1,2,4-Trichlorobenzene	8.11	180	159	0.007	ng	#	66
31) Naphthalene	8.19	128	74032	1.252	ng		95
32) Benzoic acid	7.83	122	1465	7.956	ng	#	89
33) 4-Chloroaniline	8.19	127	9925	0.361	ng	#	32
35) Caprolactam	8.82	113	234	0.039	ng	#	18
37) 2-Methylnaphthalene	8.88	142	12717	0.304	ng		95
38) 1-Methylnaphthalene	8.88	142	12717	0.321	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	260	0.012	ng	#	60
46) 1,1'-Biphenyl	9.35	154	13505	0.274	ng		94
47) 2-Chloronaphthalene	9.37	162	493	0.012	ng	#	57
48) 2-Nitroaniline	9.35	65	247	0.023	ng	#	5
49) Acenaphthylene	9.78	152	1811	0.031	ng	#	87

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

Quantitation Report (Not Reviewed)

Data File : BF118573.D
Acq On : 17 Jan 2020 22:19
Operator : JU
Sample : L1017-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-011520

Quant Time: Jan 18 01:09:04 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)
51) 2,6-Dinitrotoluene	9.92	165	89440	9.906	ng	#	26
52) Acenaphthene	9.96	154	11108	0.289	ng		95
53) 3-Nitroaniline	10.13	138	135	0.013	ng	#	1
55) Dibenzofuran	10.13	168	18597	0.342	ng		99
56) 4-Nitrophenol	10.13	139	6855	0.907	ng	#	4
57) 2,4-Dinitrotoluene	9.92	165	89440	11.766	ng	#	22
58) Fluorene	10.47	166	20027	0.476	ng		96
60) Diethylphthalate	10.34	149	2451	0.053	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	483	0.021	ng	#	63
62) 4-Nitroaniline	10.46	138	302	0.030	ng	#	16
63) Azobenzene	10.63	77	1663	0.037	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.71	198	2802	10.145	ng	#	1
66) n-Nitrosodiphenylamine	10.71	169	31480	0.750	ng	#	42
67) 4-Bromophenyl-phenylether	10.71	248	74086	4.235	ng	#	1
68) Hexachlorobenzene	11.02	284	348	0.018	ng	#	43
70) Pentachlorophenol	11.20	266	134	0.014	ng	#	19
71) Phenanthrene	11.43	178	55089	0.839	ng		94
72) Anthracene	11.43	178	55089	0.841	ng		95
73) Carbazole	11.63	167	31245	0.529	ng		94
74) Di-n-butylphthalate	11.97	149	4334	0.059	ng	#	95
75) Fluoranthene	12.62	202	12719	0.180	ng		97
77) Benzidine	13.00	184	72794	2.604	ng	#	95
78) Pyrene	12.62	202	12719	0.148	ng		94
80) Butylbenzylphthalate	13.46	149	404	0.011	ng	#	34
81) Benzo(a)anthracene	14.05	228	4840	0.067	ng	#	66
83) Chrysene	14.05	228	4840	0.069	ng	#	63
84) Bis(2-ethylhexyl)phthalate	14.03	149	5123	0.112	ng	#	93
85) Di-n-octyl phthalate	14.64	149	475	0.007	ng	#	74
88) Benzo(b)fluoranthene	15.09	252	1073	0.014	ng	#	70
89) Benzo(k)fluoranthene	15.11	252	799	0.011	ng	#	58
90) Benzo(a)pyrene	15.45	252	532	0.008	ng	#	59

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

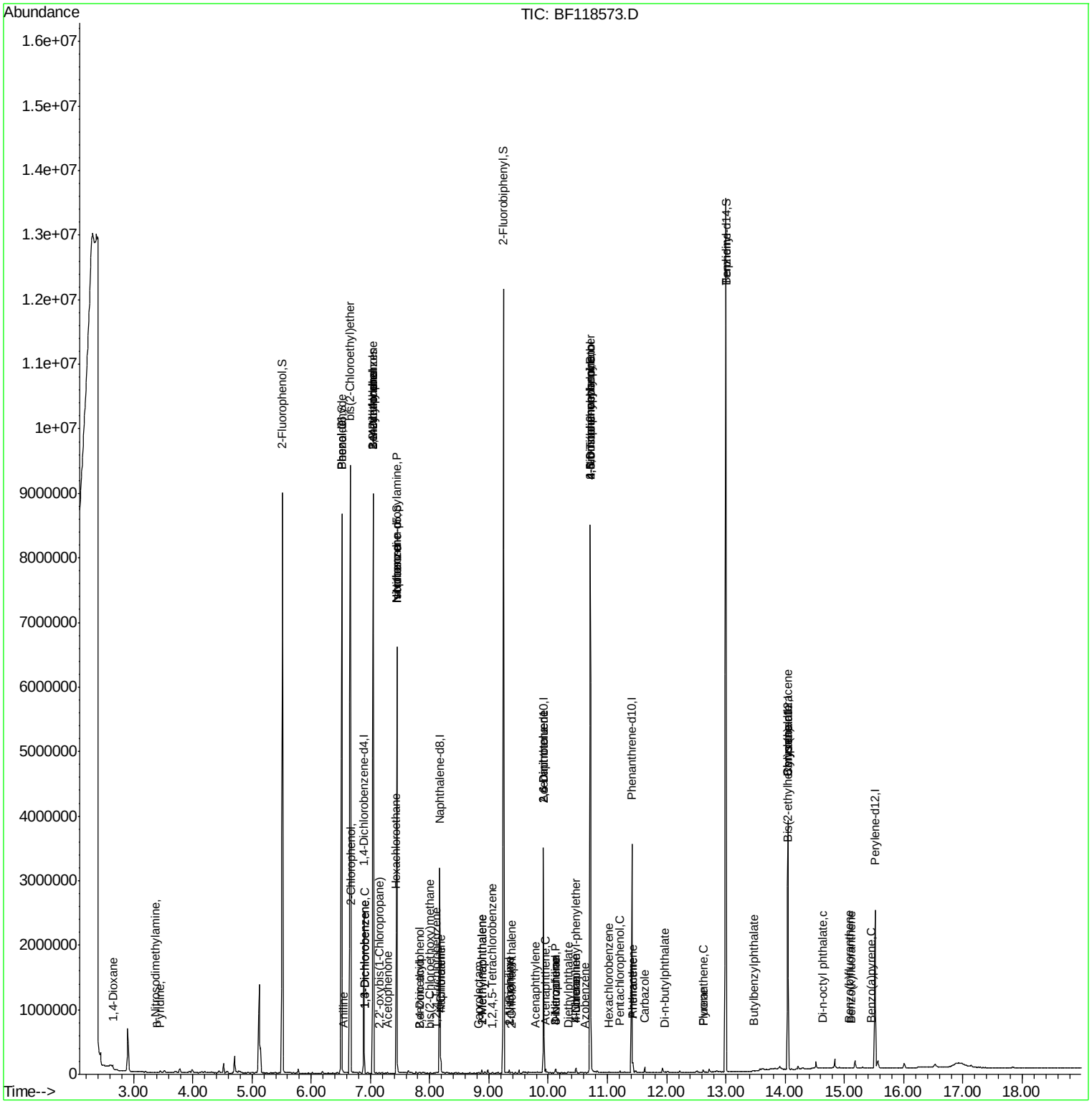
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

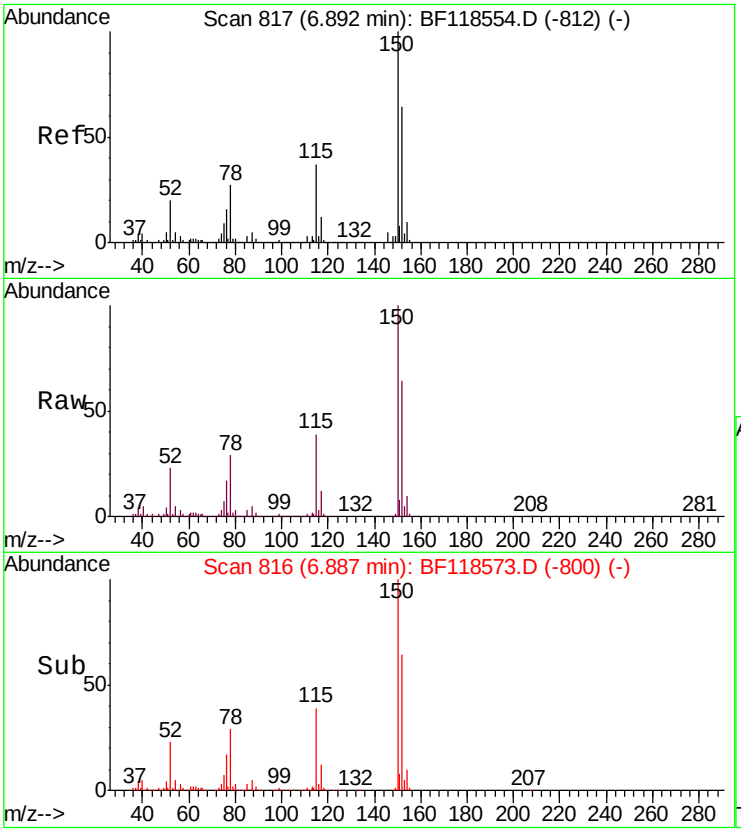
Quantitation Report (Not Reviewed)

Data File : BF118573.D
Acq On : 17 Jan 2020 22:19
Operator : JU
Sample : L1017-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-011520

Quant Time: Jan 18 01:09:04 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



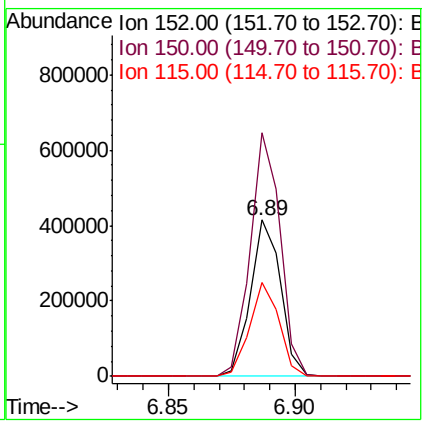


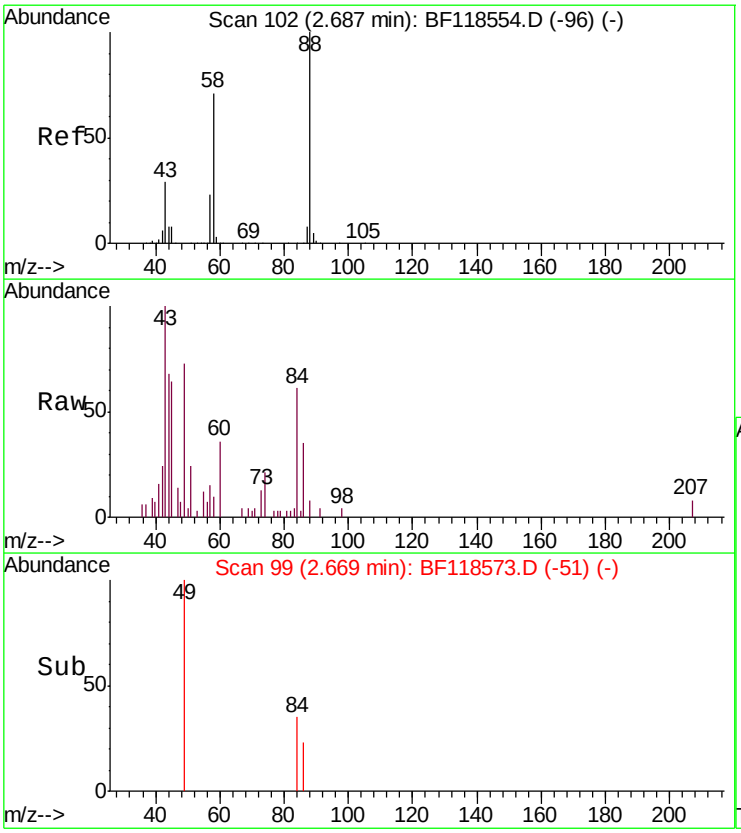
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:152 Resp: 343106

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	60.1	45.8	68.6

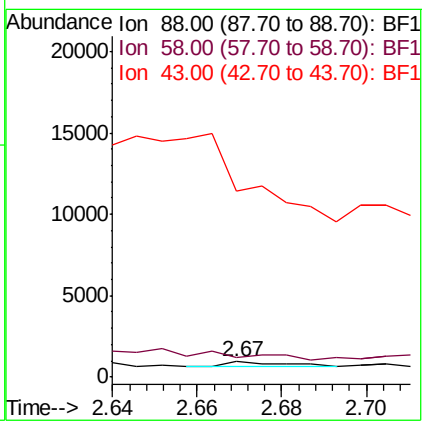


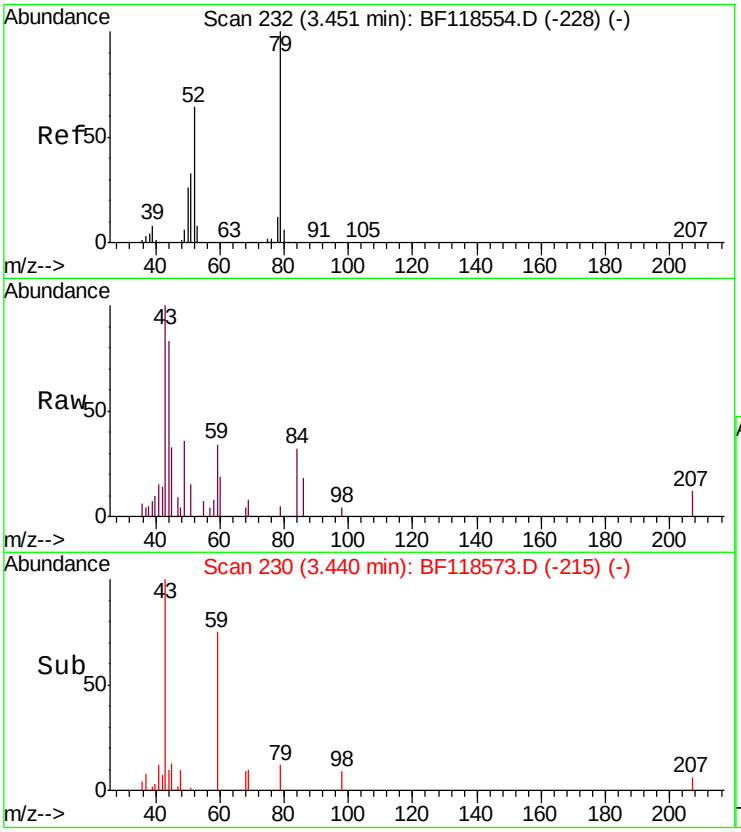


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.02 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 88 Resp: 325

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



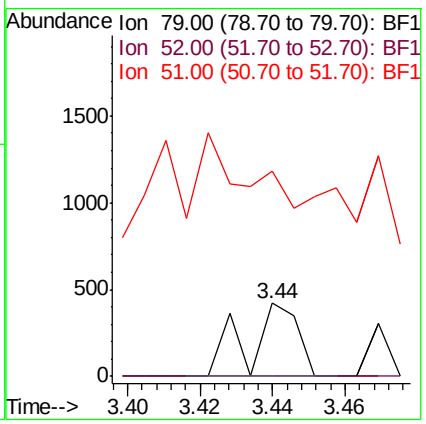


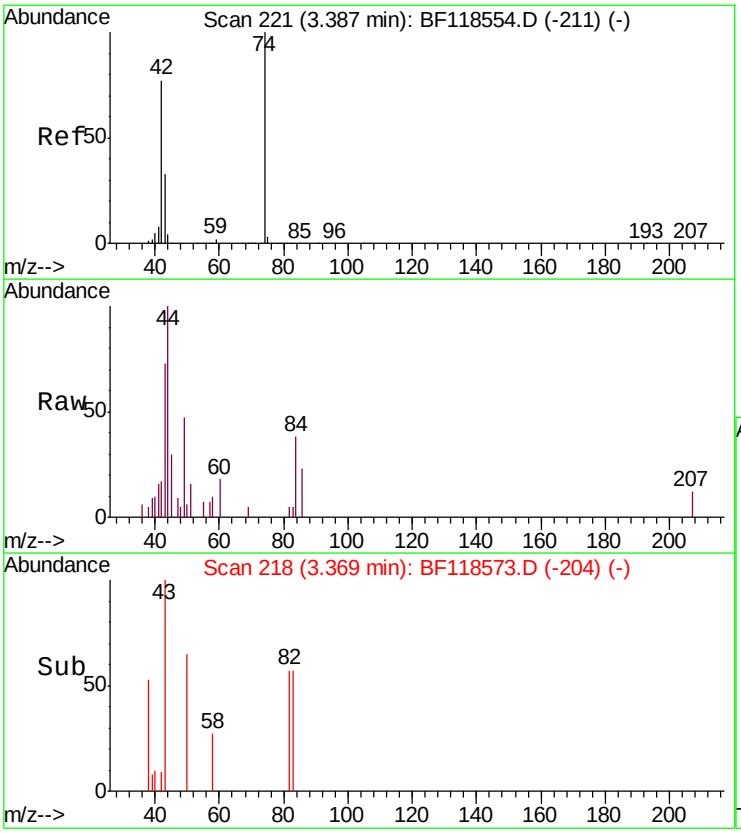
#3
Pyridine
Concen: 0.016 ng
RT: 3.44 min Scan# 230
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 79 Resp: 400

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.3	76.9#
51	281.9	26.7	40.1#

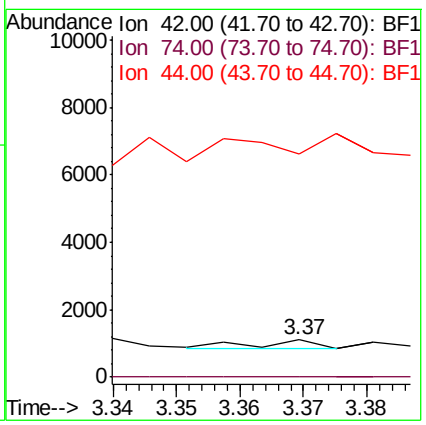


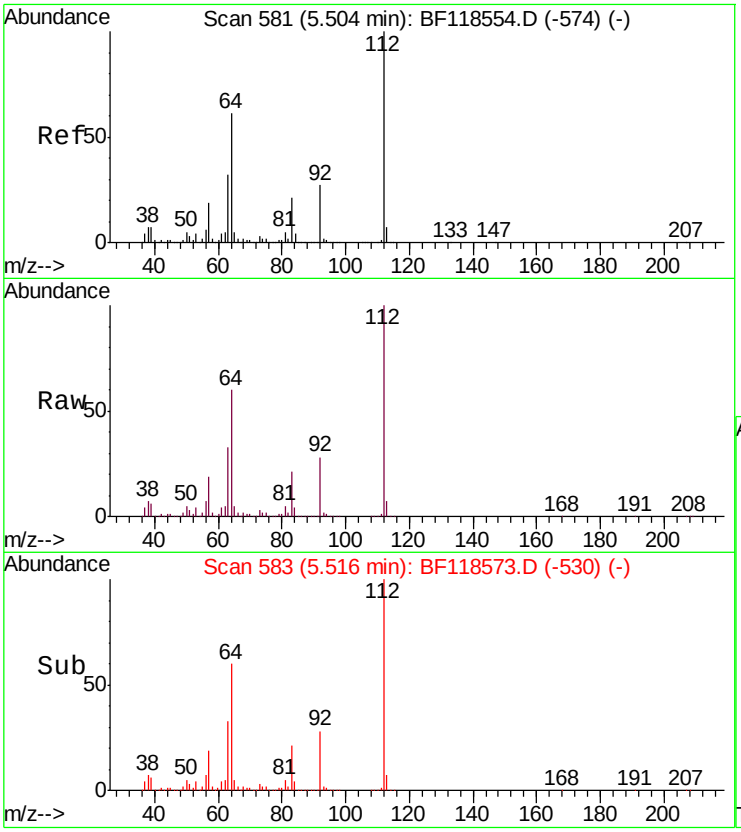


#4
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.37 min Scan# 218
Delta R.T. -0.02 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 42 Resp: 175

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.1	154.7#
44	599.1	5.4	8.2#



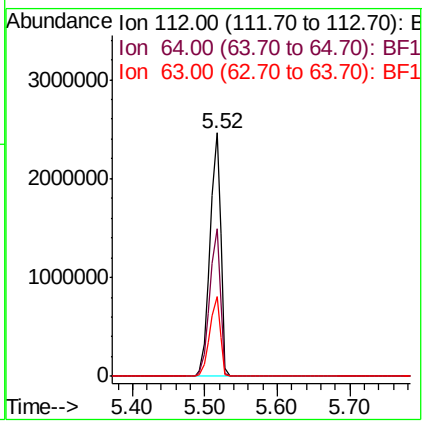


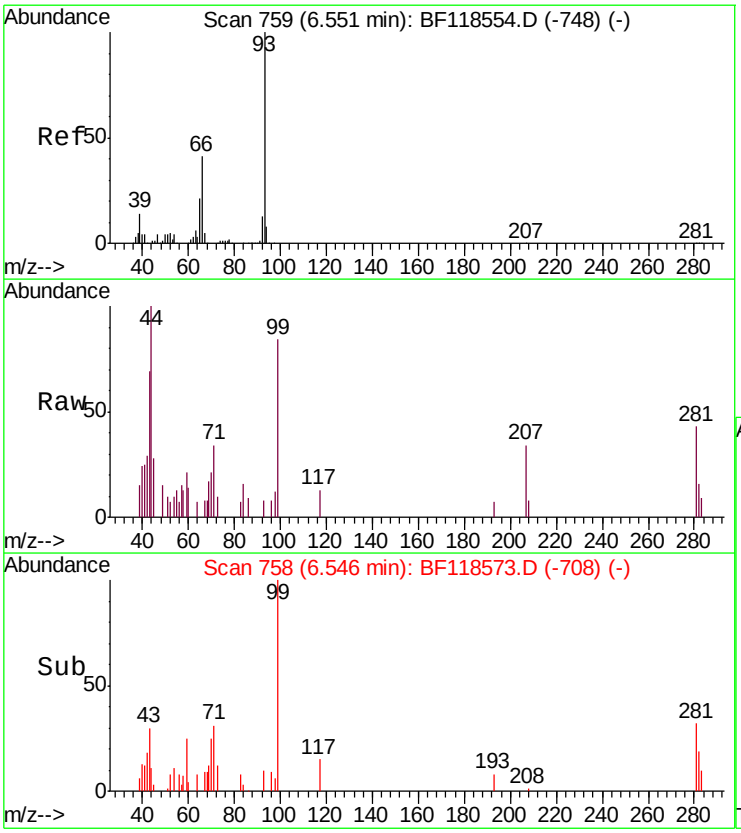
#5
2-Fluorophenol
Concen: 137.345 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:112 Resp: 2550386

Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.1	73.7
63	32.8	25.8	38.8

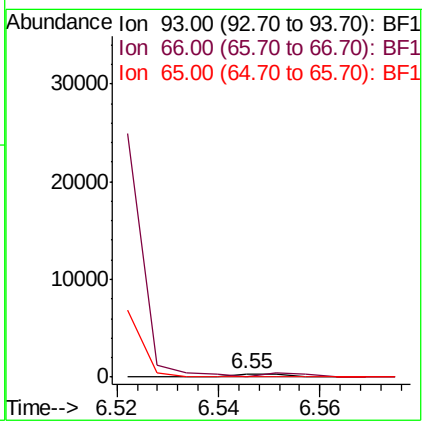


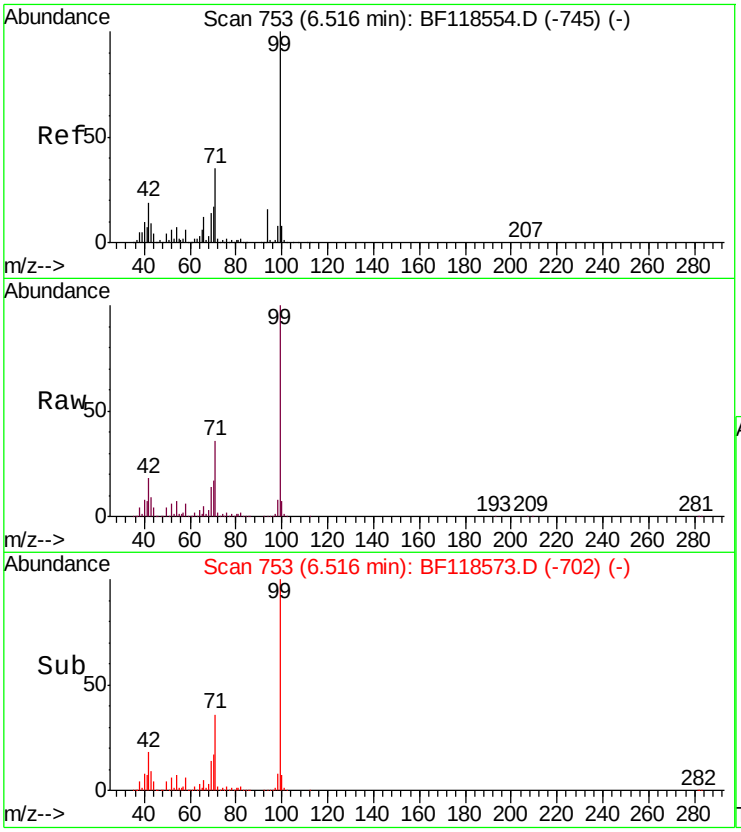


#6
Aniline
Concen: 0.008 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 93 Resp: 241

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.9	49.3#
65	0.0	16.5	24.7#



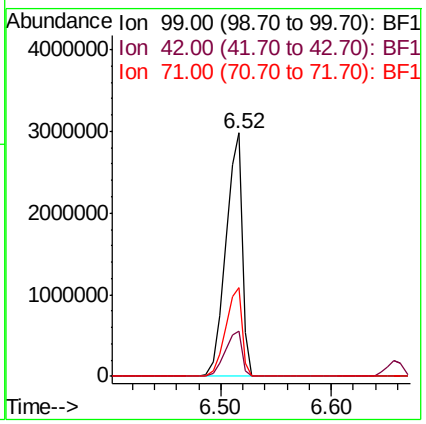


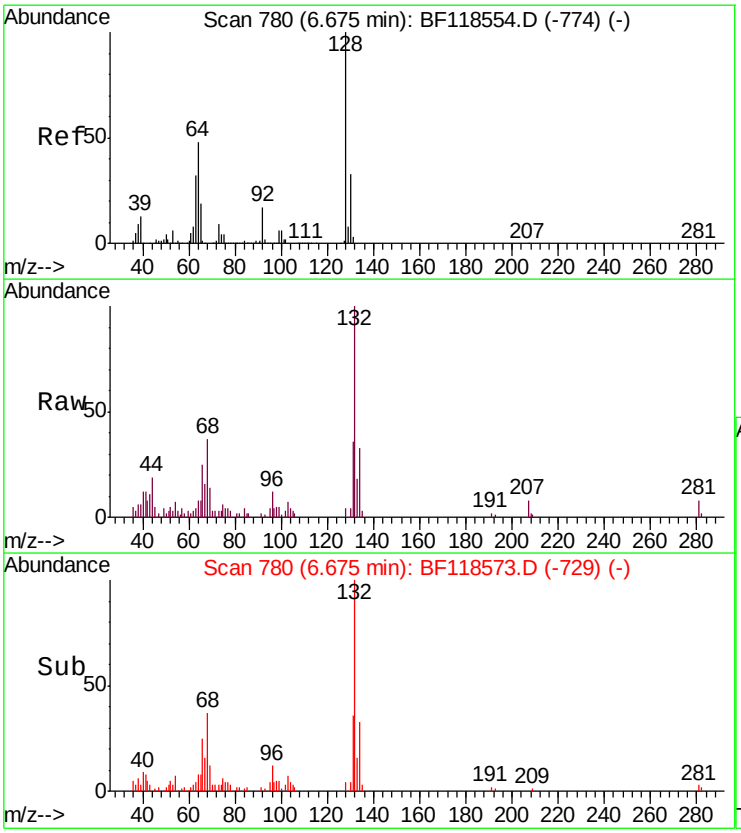
#7
Phenol-d6
Concen: 127.429 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 99 Resp: 3100495

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	36.3	28.3	42.5

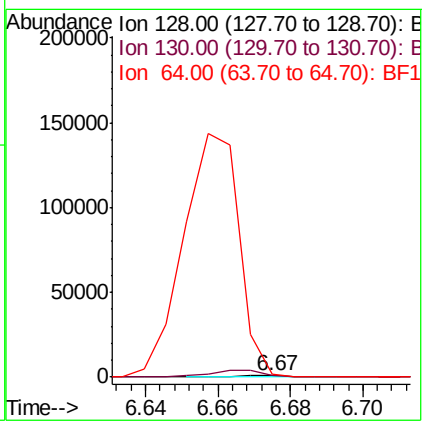


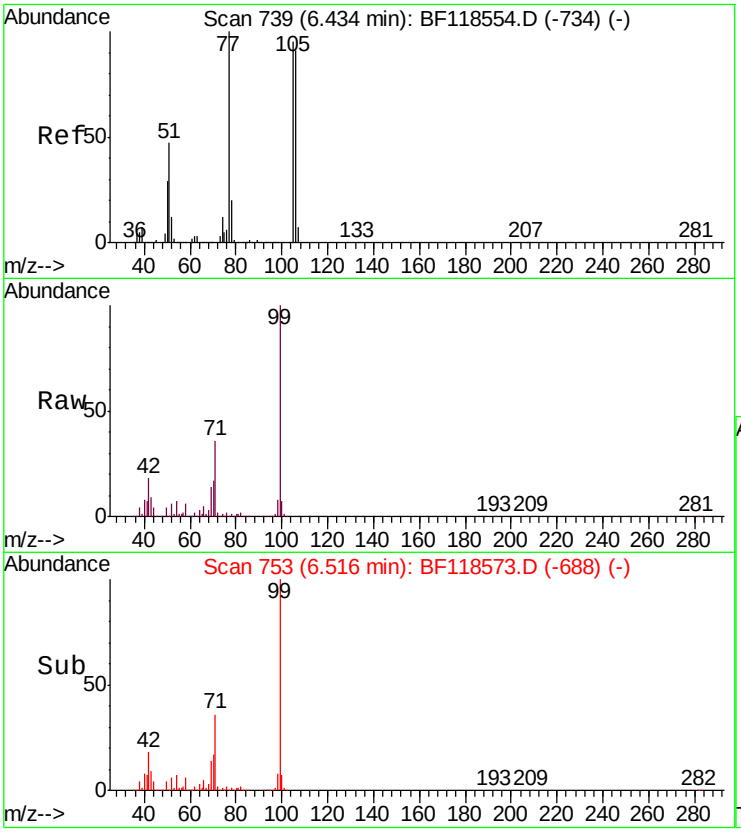


#8
2-Chlorophenol
Concen: 0.039 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:128 Resp: 828

Ion	Ratio	Lower	Upper
128	100		
130	107.6	13.2	53.2#
64	197.1	28.9	68.9#



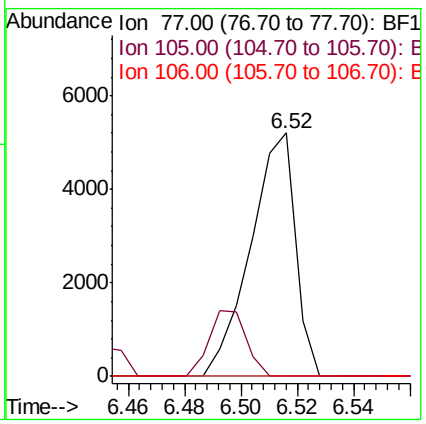


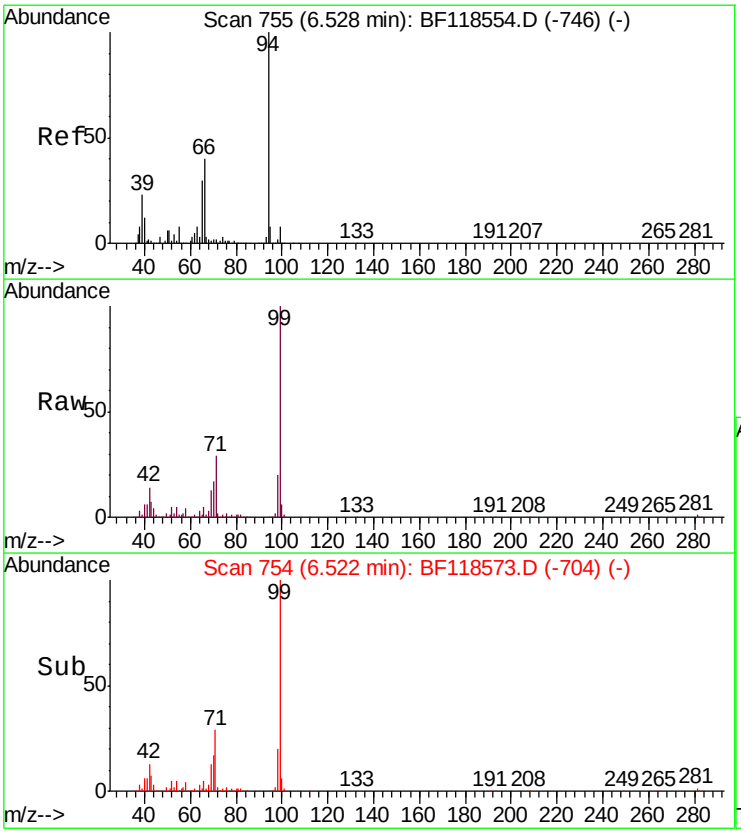
#9
Benzaldehyde
Concen: 0.462 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.08 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 77 Resp: 5749

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

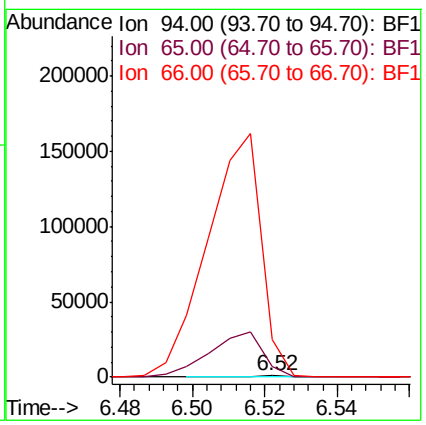


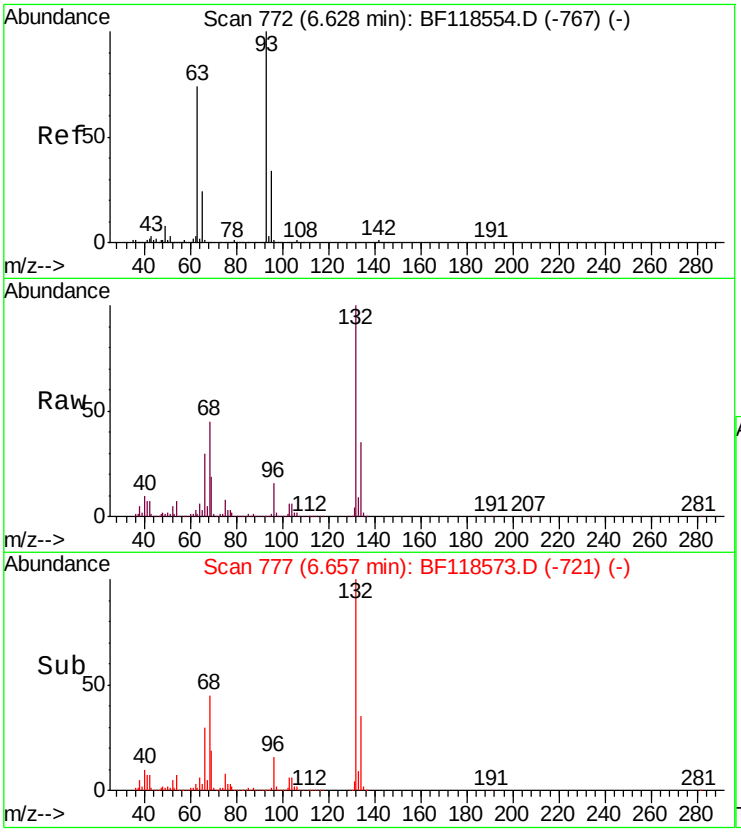


#10
Phenol
Concen: 0.029 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 94 Resp: 781

Ion	Ratio	Lower	Upper
94	100		
65	877.0	9.8	49.8#
66	3200.0	19.5	59.5#



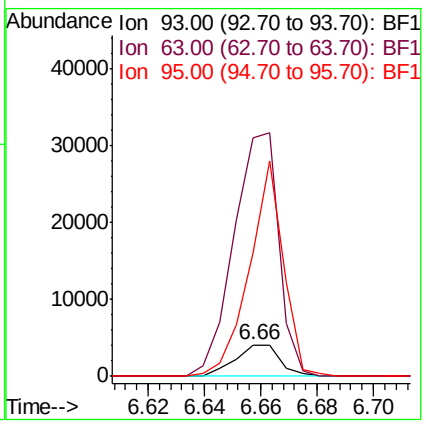


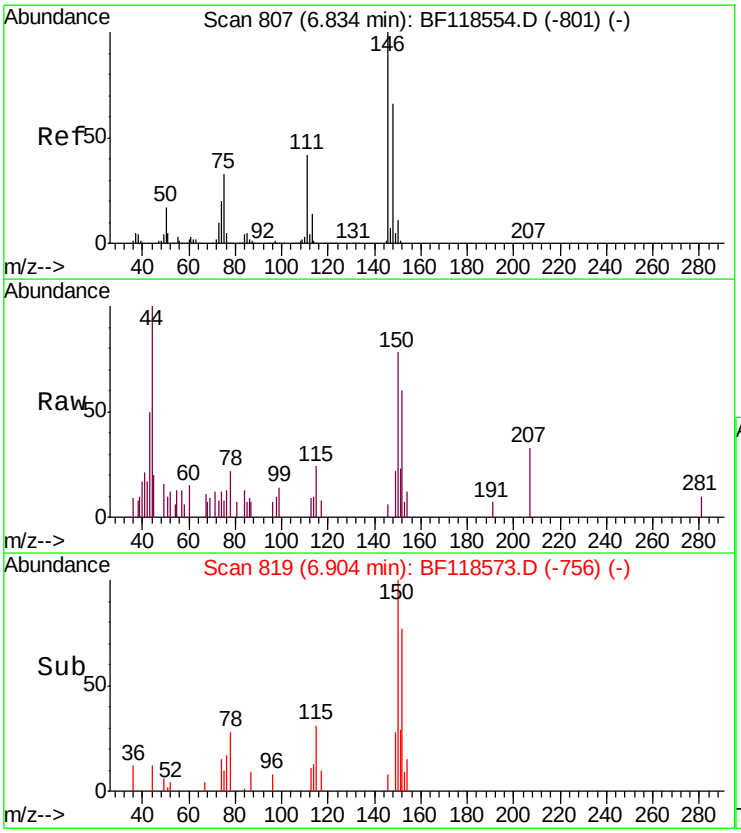
#11
bis(2-Chloroethyl)ether
Concen: 0.210 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.03 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 93 Resp: 4484

Ion	Ratio	Lower	Upper
93	100		
63	753.5	54.0	94.0#
95	388.0	13.5	53.5#

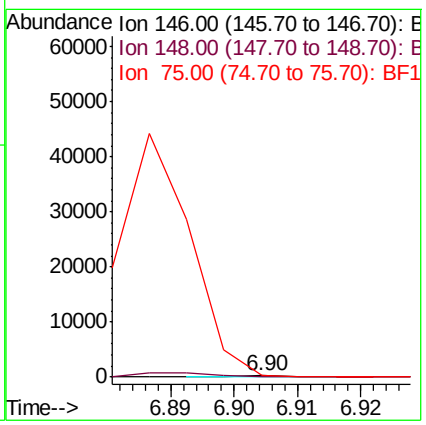


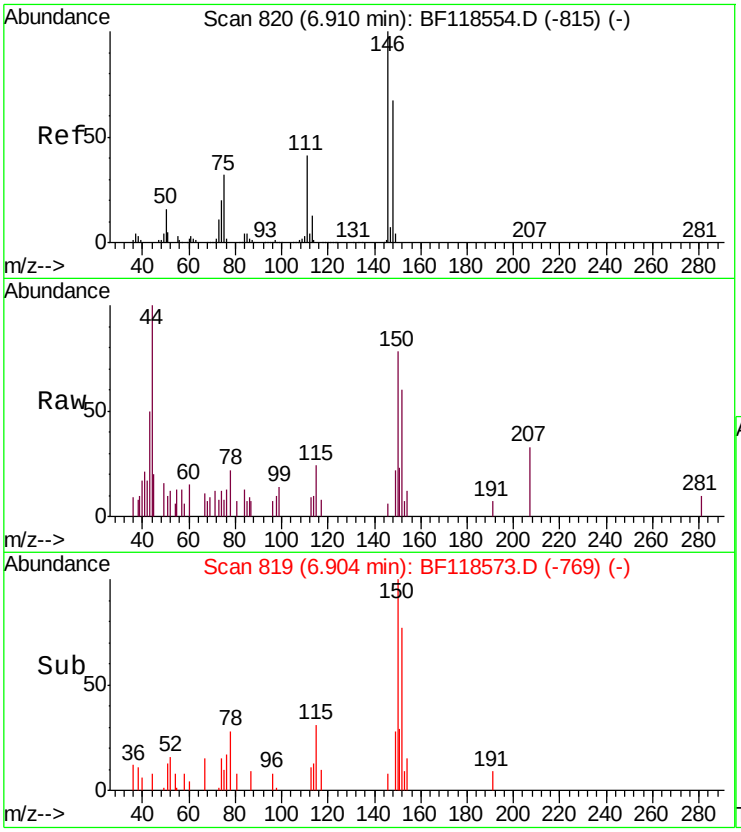


#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.07 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.0	79.6#
75	125.7	26.5	39.7#



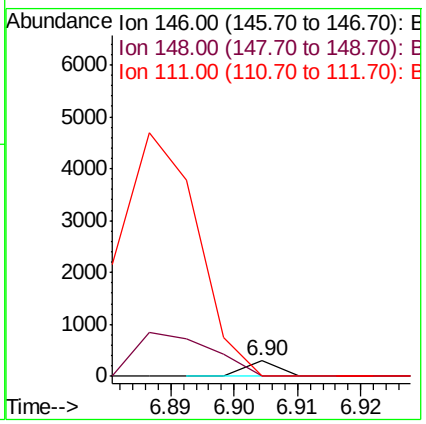


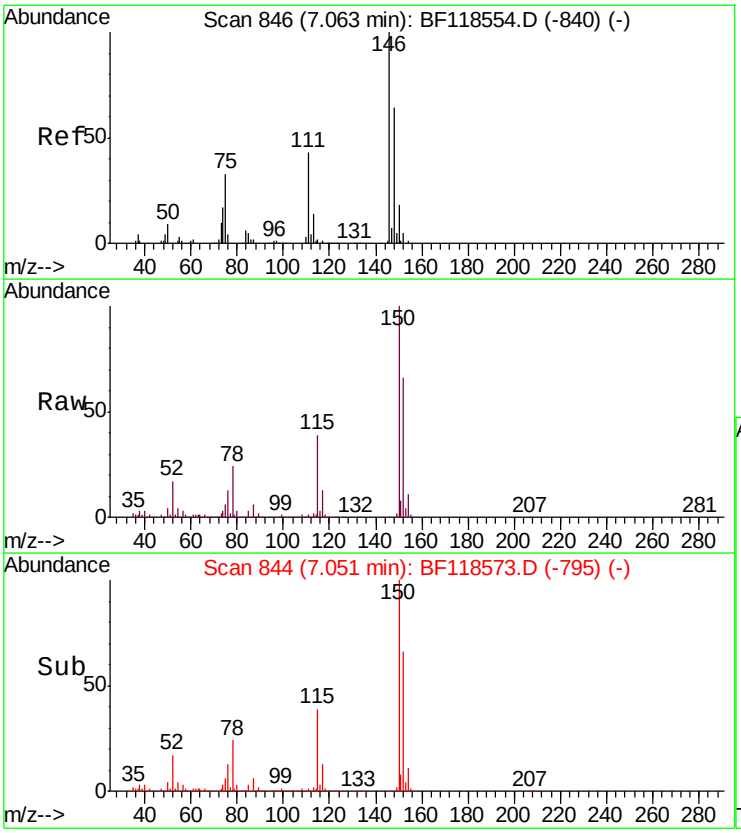
#13
1,4-Dichlorobenzene
Concen: 0.004 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.4	80.2#
111	0.0	32.6	48.8#

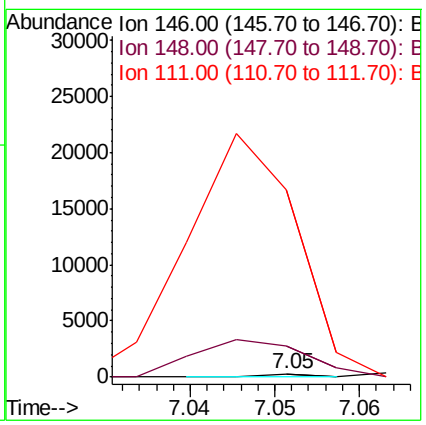


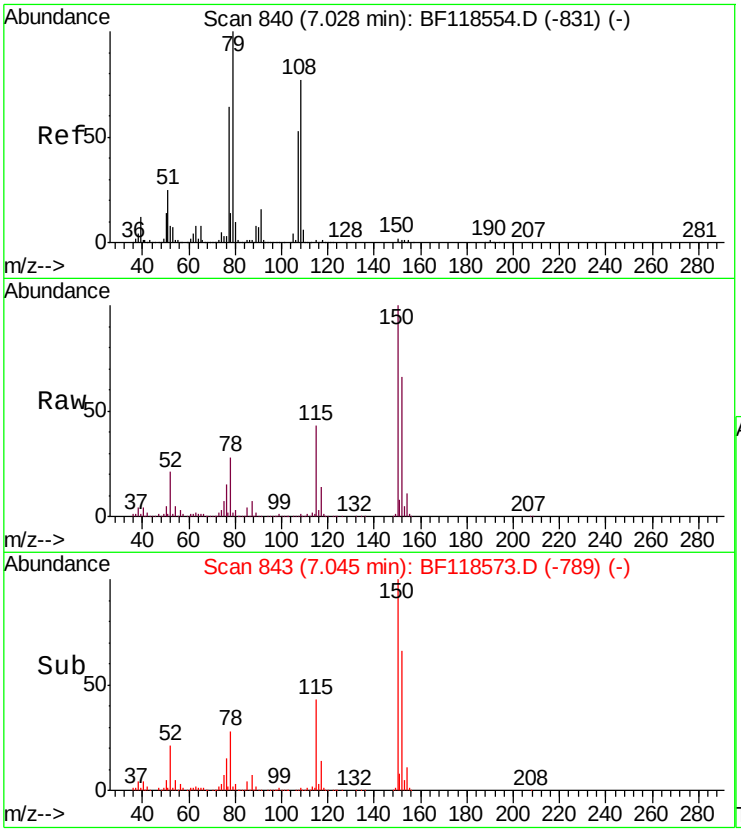


#14
1,2-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:146 Resp: 113

Ion	Ratio	Lower	Upper
146	100		
148	860.6	51.2	76.8#
111	5222.5	34.6	52.0#



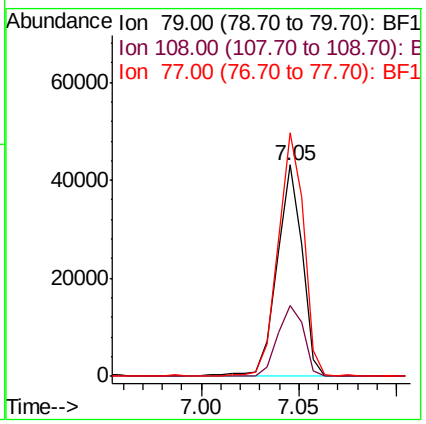


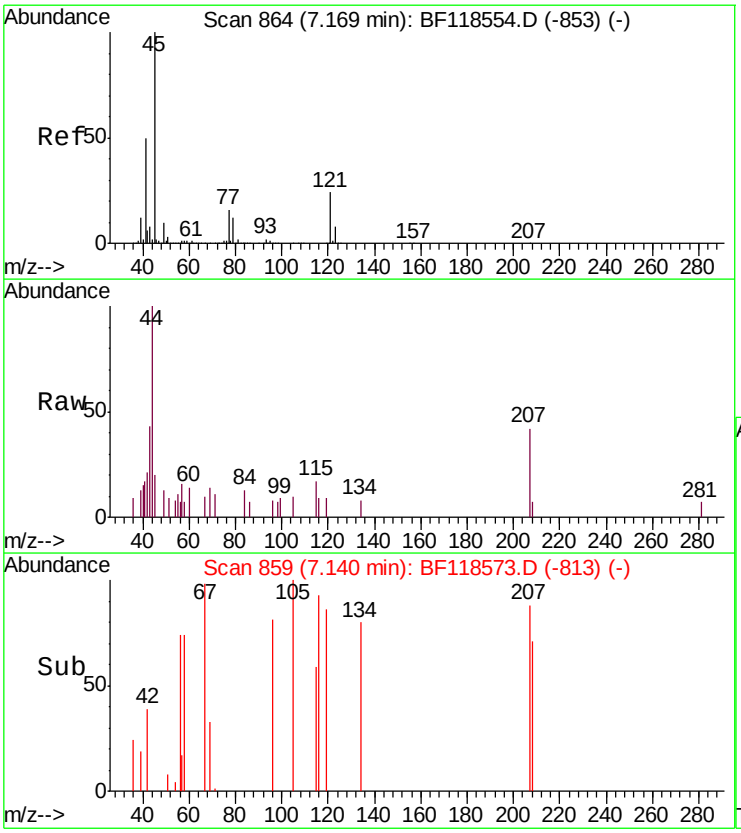
#15
Benzyl Alcohol
Concen: 1.930 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.02 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 79 Resp: 38531

Ion	Ratio	Lower	Upper
79	100		
108	33.3	61.9	92.9#
77	115.4	51.5	77.3#

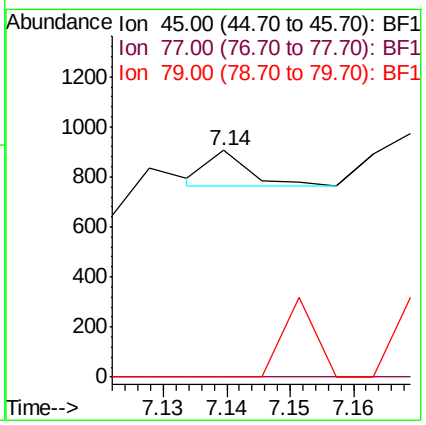


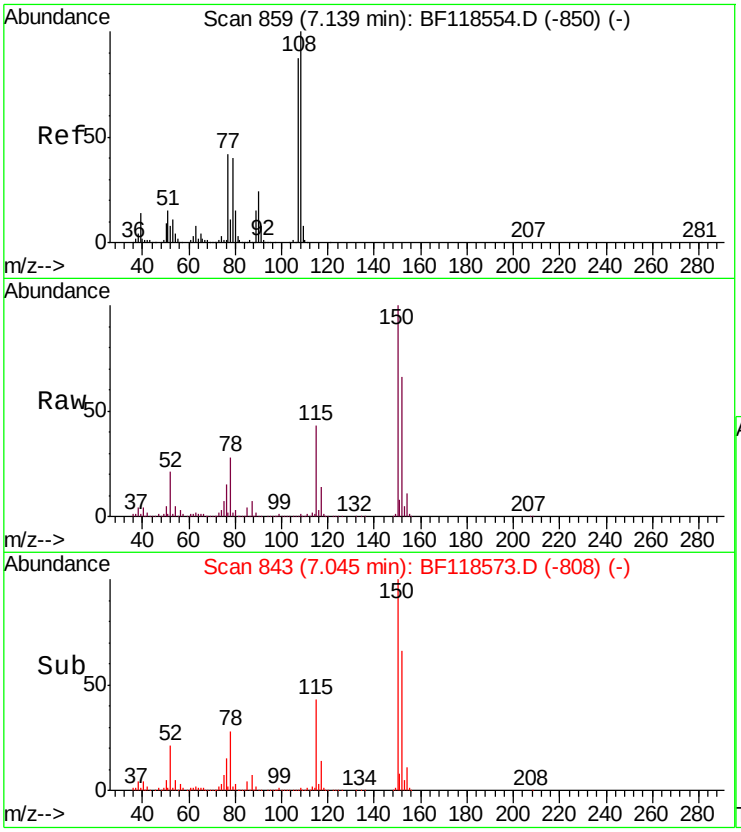


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.002 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 45 Resp: 63

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



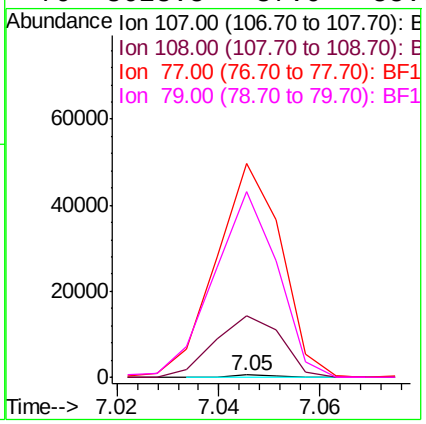


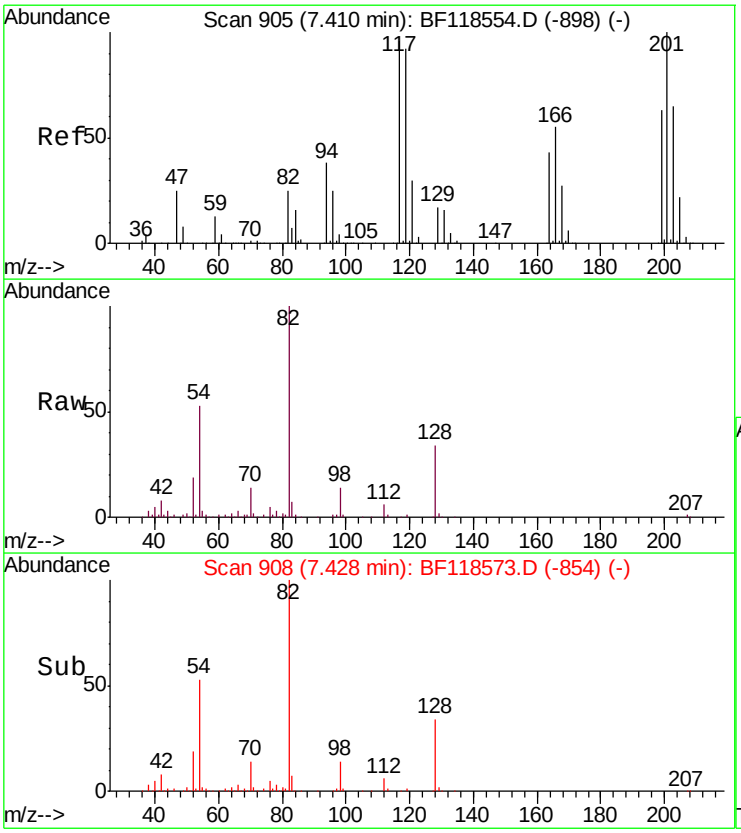
#17
2-Methylphenol
Concen: 0.016 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.09 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:107 Resp: 284

Ion	Ratio	Lower	Upper
107	100		
108	2877.0	92.3	138.5#
77	9955.9	38.6	57.8#
79	8628.5	37.0	55.6#

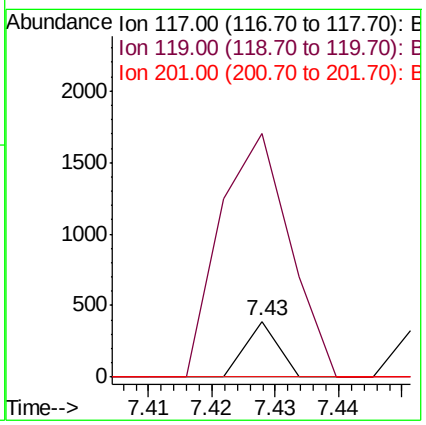


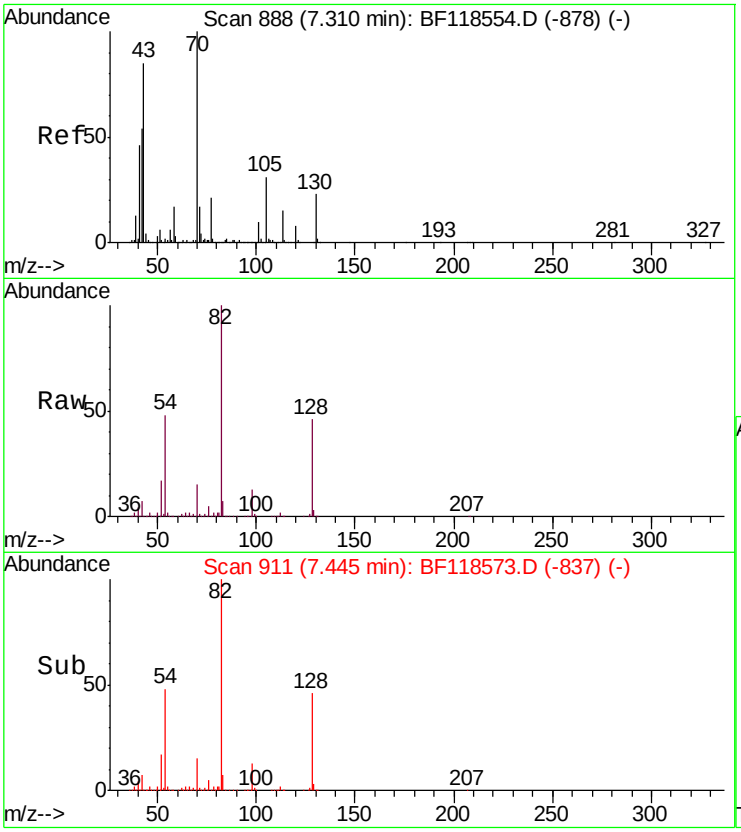


#18
Hexachloroethane
Concen: 0.015 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.02 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:117 Resp: 138

Ion	Ratio	Lower	Upper
117	100		
119	434.2	76.9	115.3#
201	0.0	83.6	125.4#



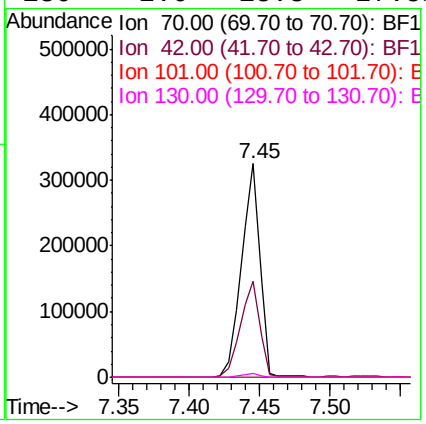


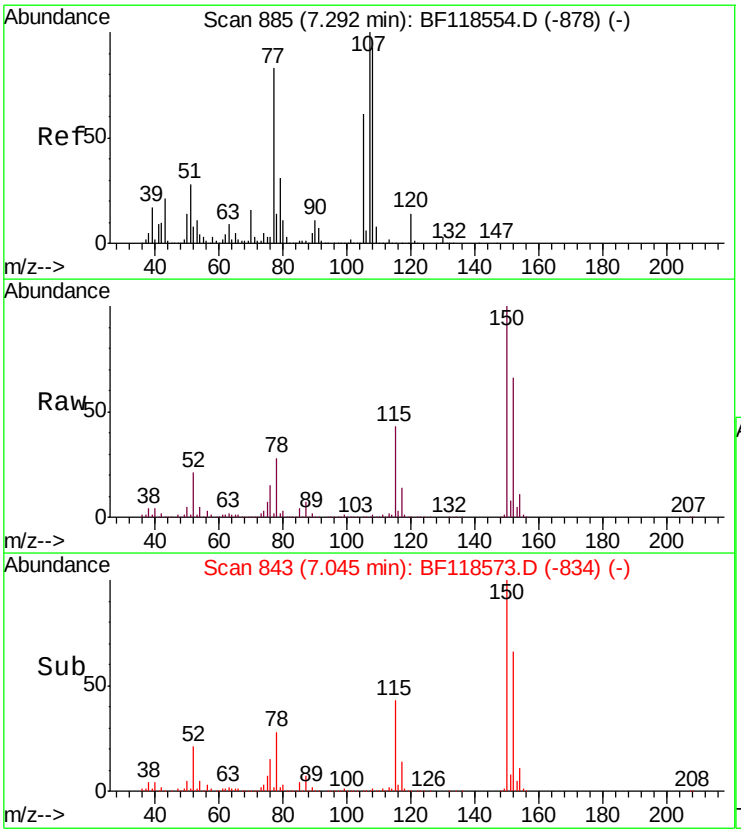
#19
n-Nitroso-di-n-propylamine
Concen: 17.011 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 70 Resp: 296821

Ion	Ratio	Lower	Upper
70	100		
42	45.1	43.6	65.4
101	0.0	7.7	11.5#
130	2.0	18.3	27.5#

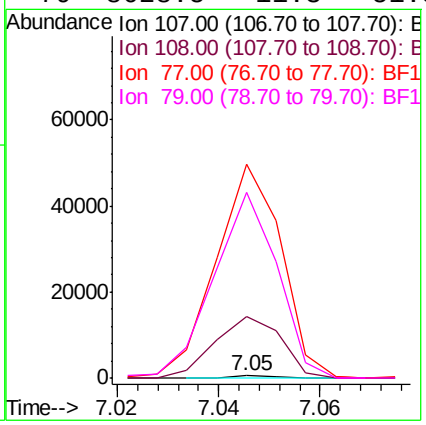


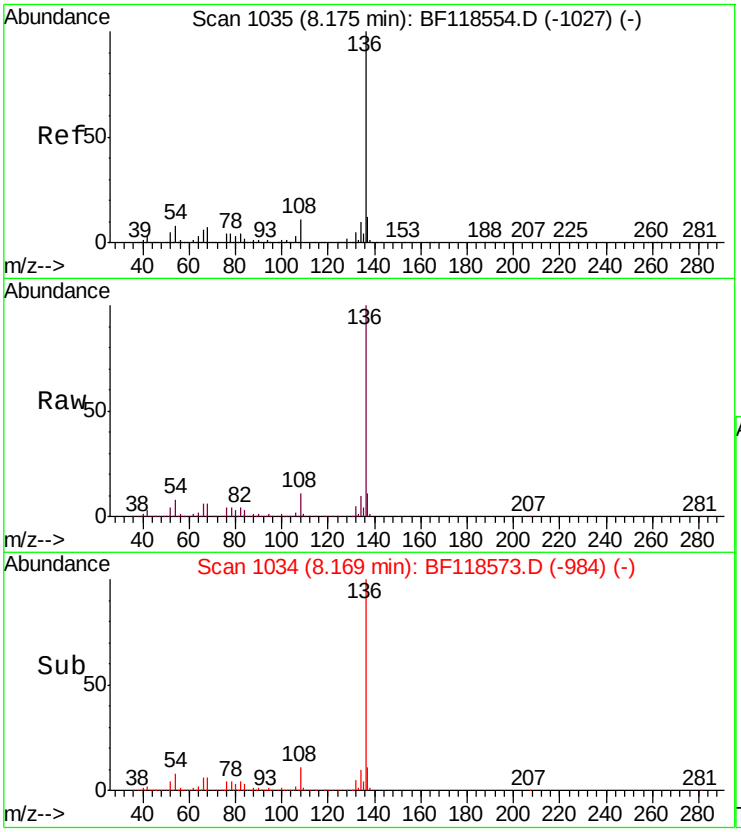


#20
3+4-Methylphenols
Concen: 0.013 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.25 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:107 Resp: 284

Ion	Ratio	Lower	Upper
107	100		
108	2877.0	72.6	112.6#
77	9955.9	63.0	103.0#
79	8628.5	11.3	51.3#



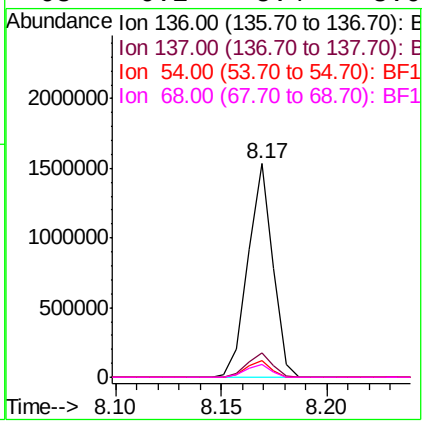


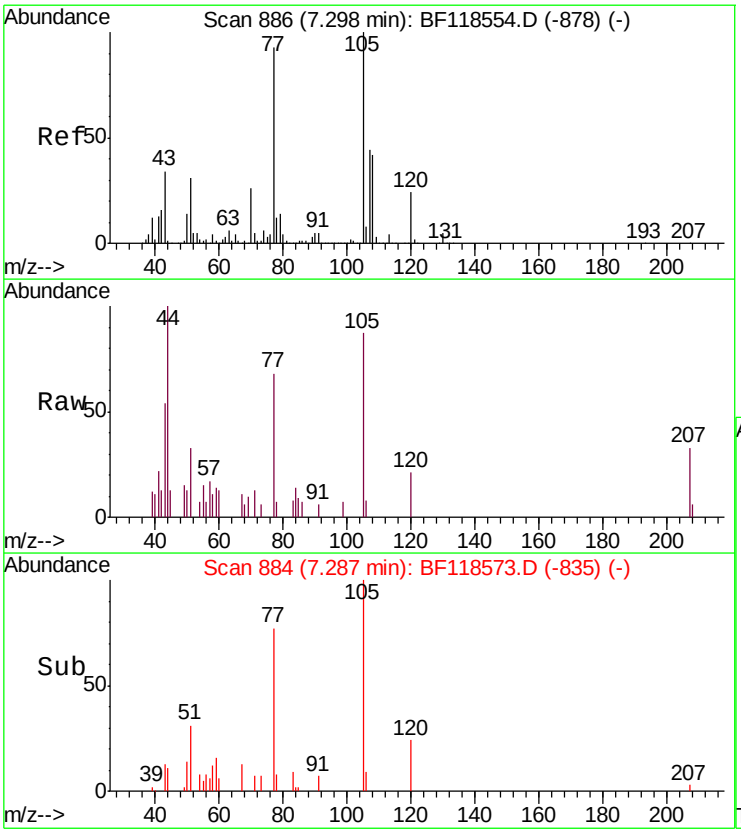
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:136 Resp: 1254002

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

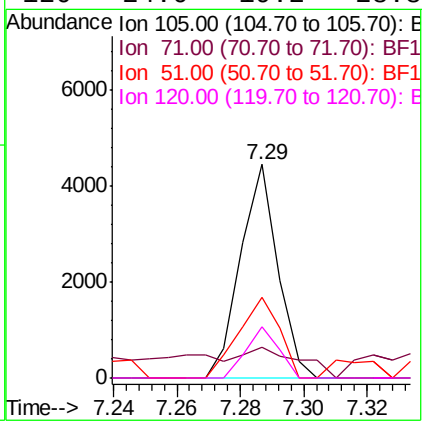


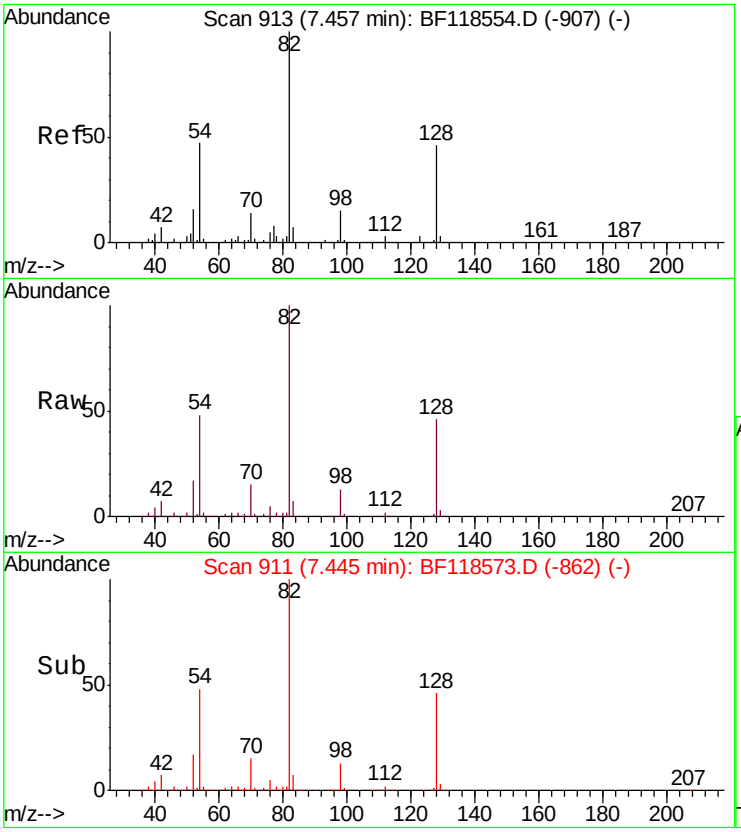


#22
Acetophenone
Concen: 0.119 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:105 Resp: 3611

Ion	Ratio	Lower	Upper
105	100		
71	14.6	3.8	5.6#
51	37.7	24.9	37.3#
120	24.0	19.2	28.8



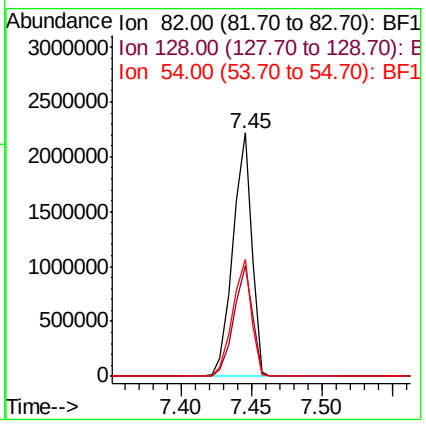


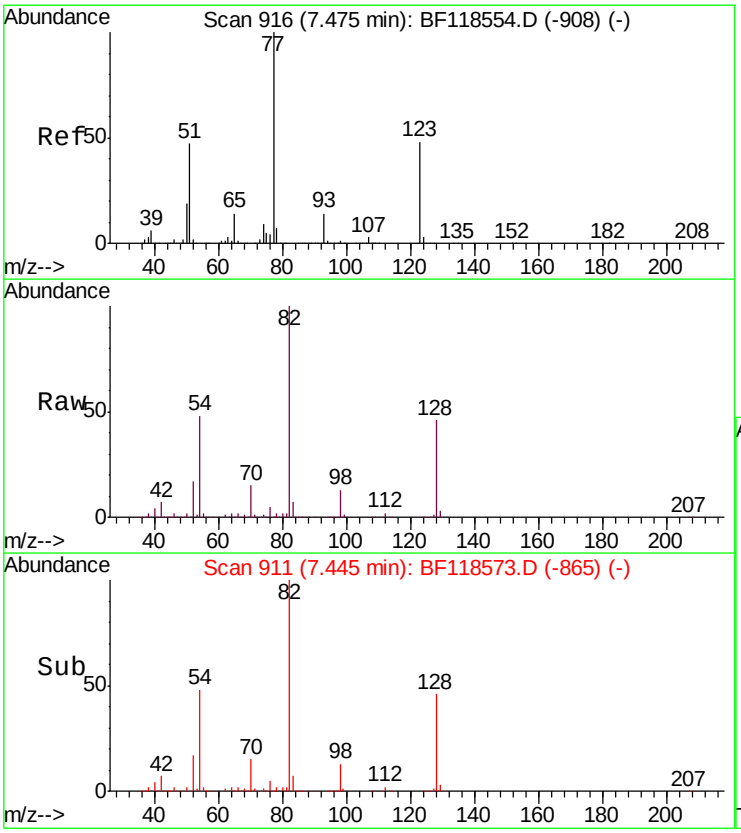
#23
Nitrobenzene-d5
Concen: 101.312 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 82 Resp: 2057017

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	48.1	37.4	56.0

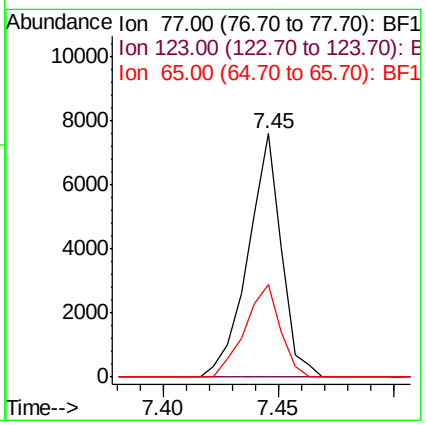


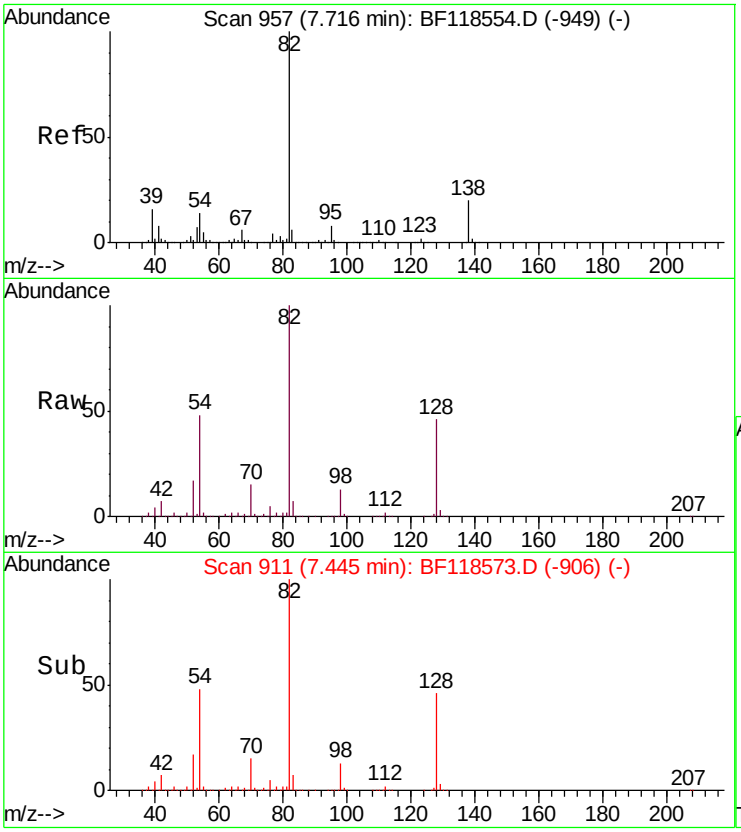


#24
Nitrobenzene
Concen: 0.357 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 77 Resp: 7706

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	38.0	11.1	16.7#



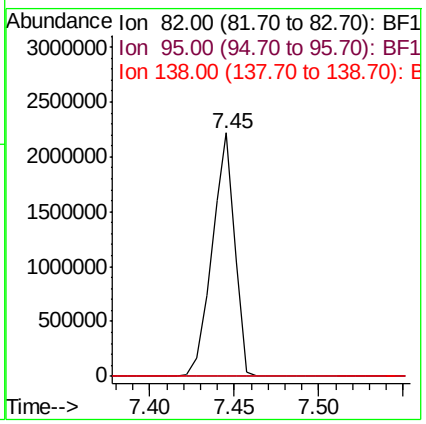


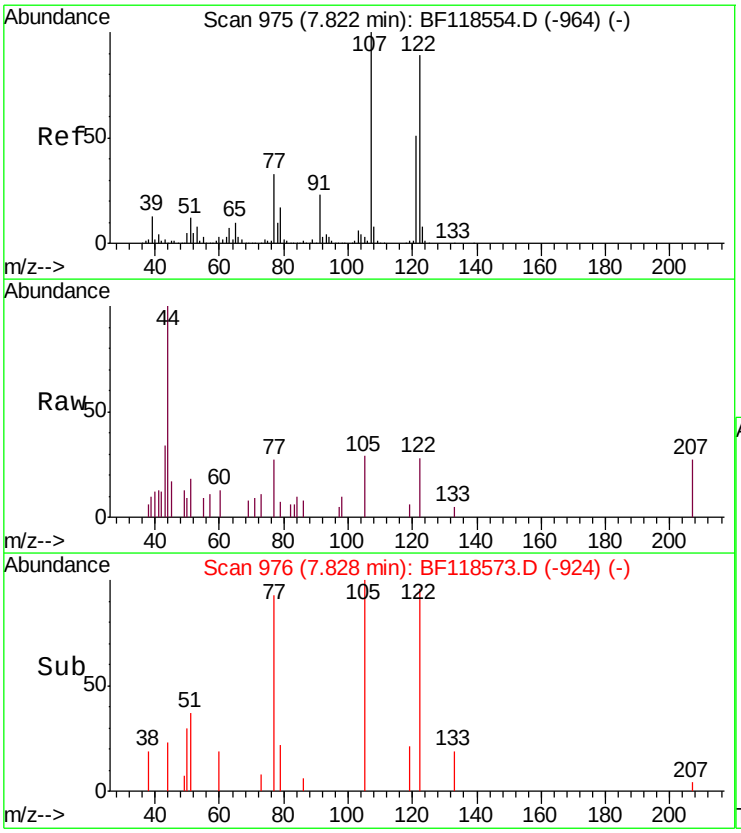
#25
Isophorone
Concen: 46.508 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 82 Resp: 2049414

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

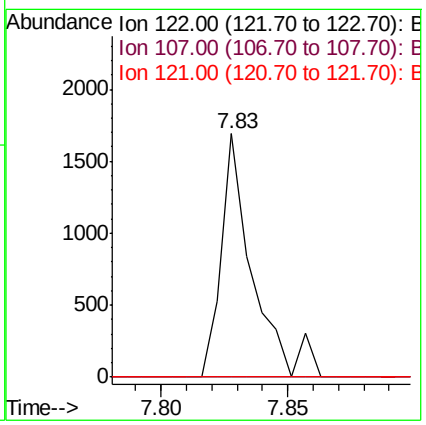


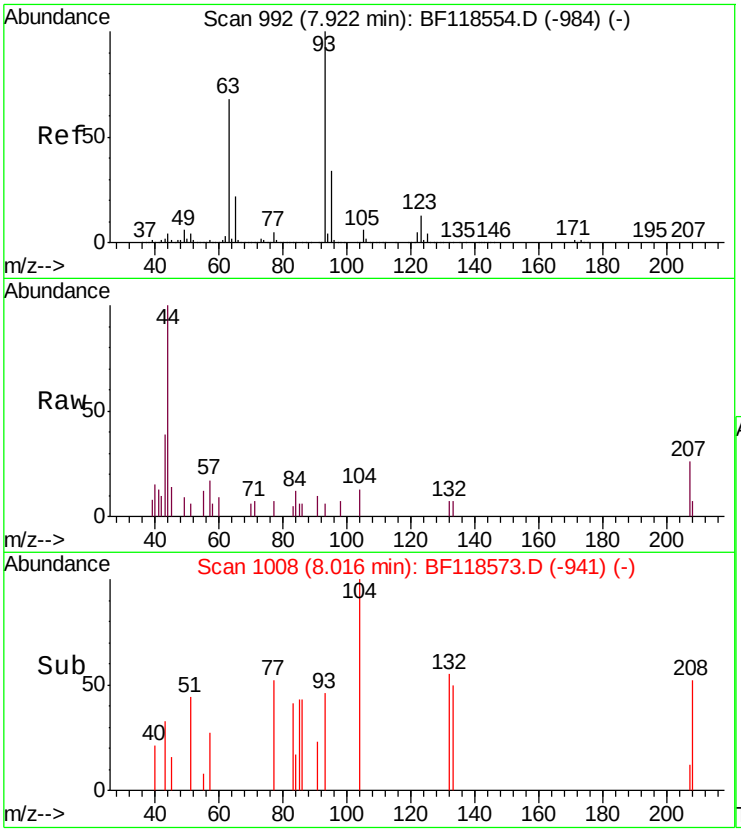


#27
2,4-Dimethylphenol
Concen: 0.084 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:122 Resp: 1465

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



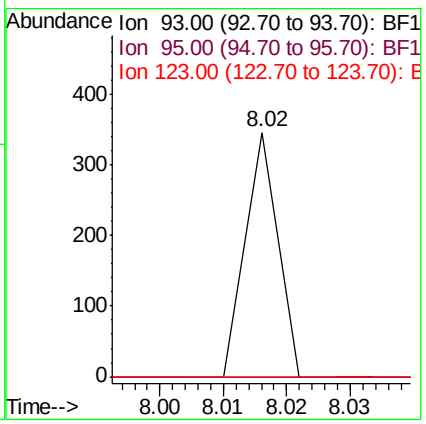


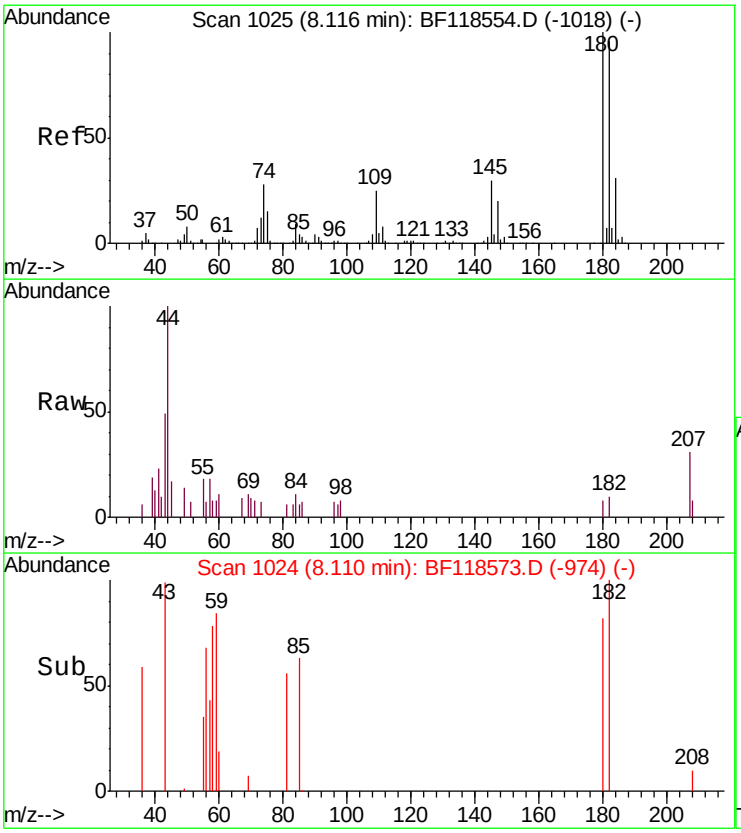
#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.09 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 93 Resp: 122

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

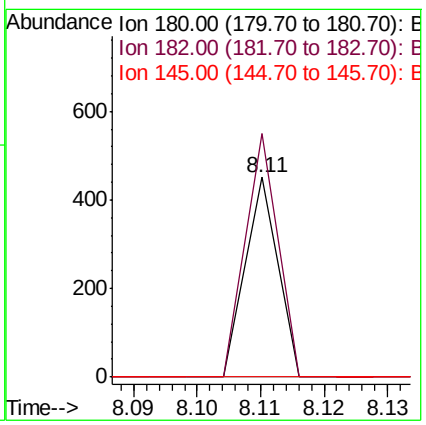


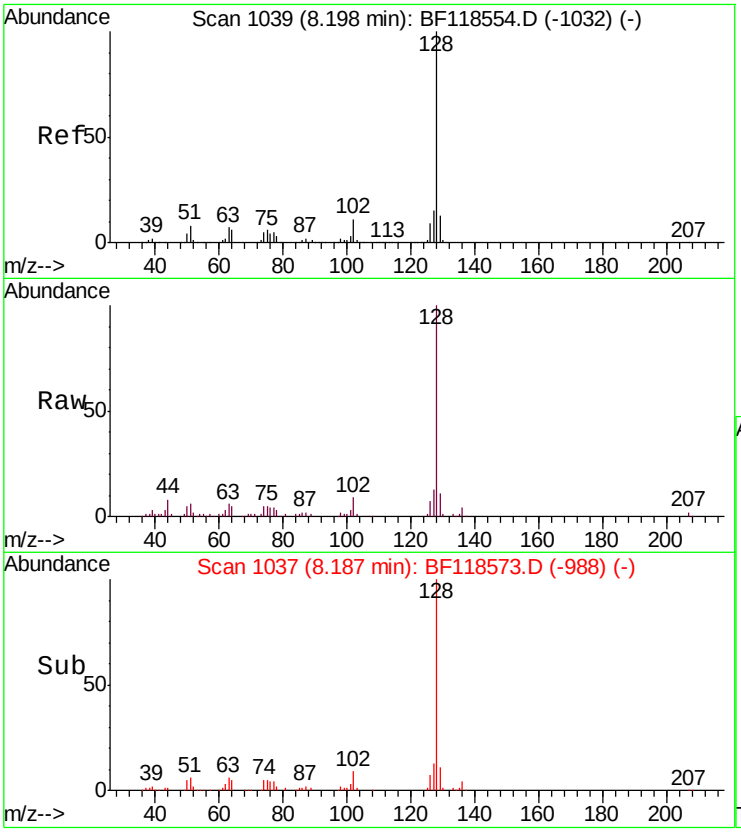


#30
1,2,4-Trichlorobenzene
Concen: 0.007 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:180 Resp: 159

Ion	Ratio	Lower	Upper
180	100		
182	122.0	76.8	115.2#
145	0.0	24.2	36.2#



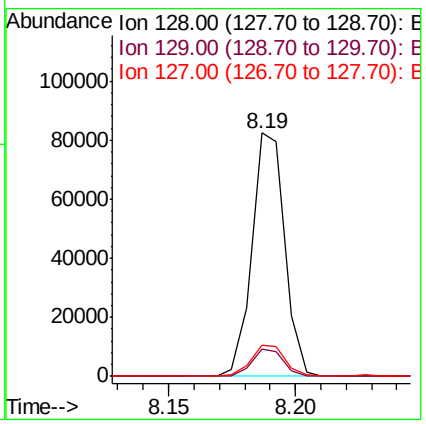


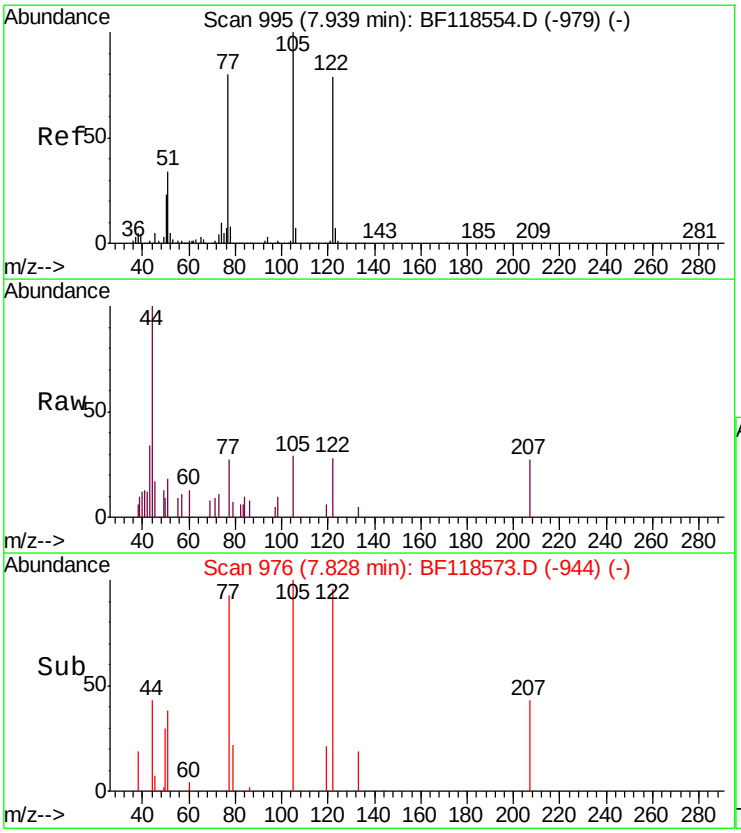
#31
Naphthalene
Concen: 1.252 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:128 Resp: 74032

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.3	15.5
127	13.0	12.1	18.1

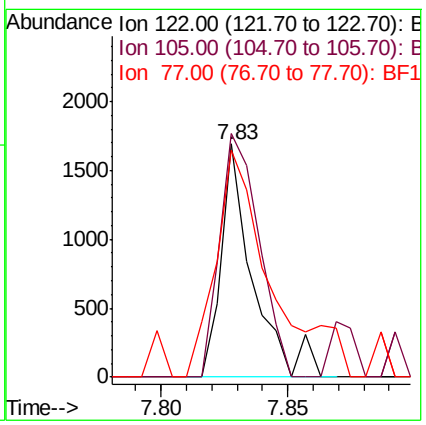


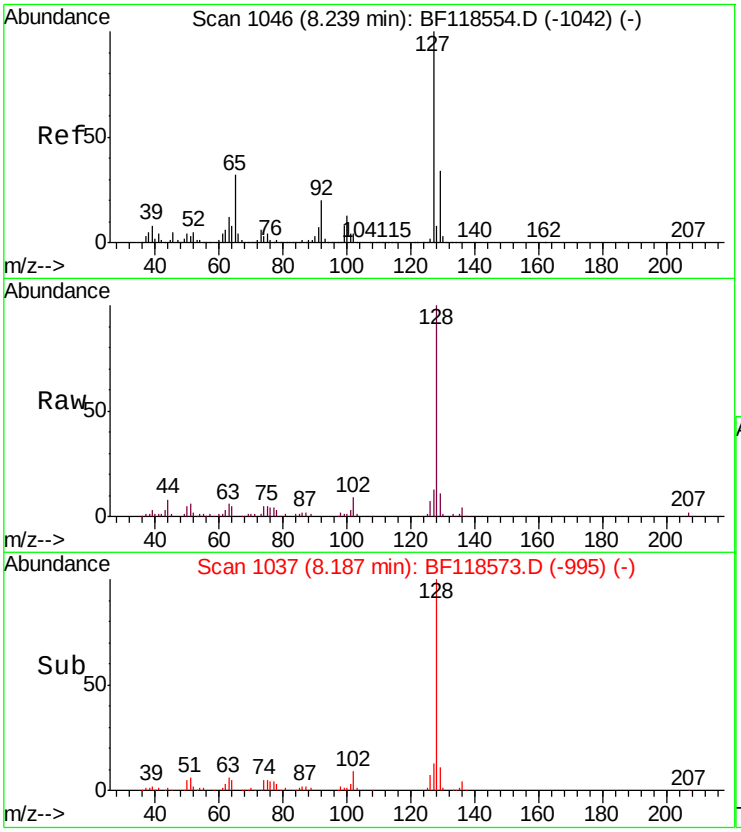


#32
Benzoic acid
Concen: 7.956 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.11 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:122 Resp: 1465

Ion	Ratio	Lower	Upper
122	100		
105	104.5	105.0	145.0#
77	97.3	80.7	120.7



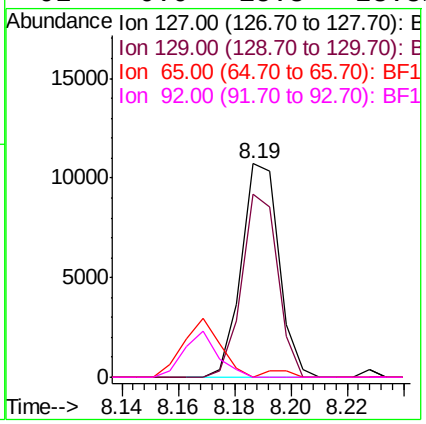


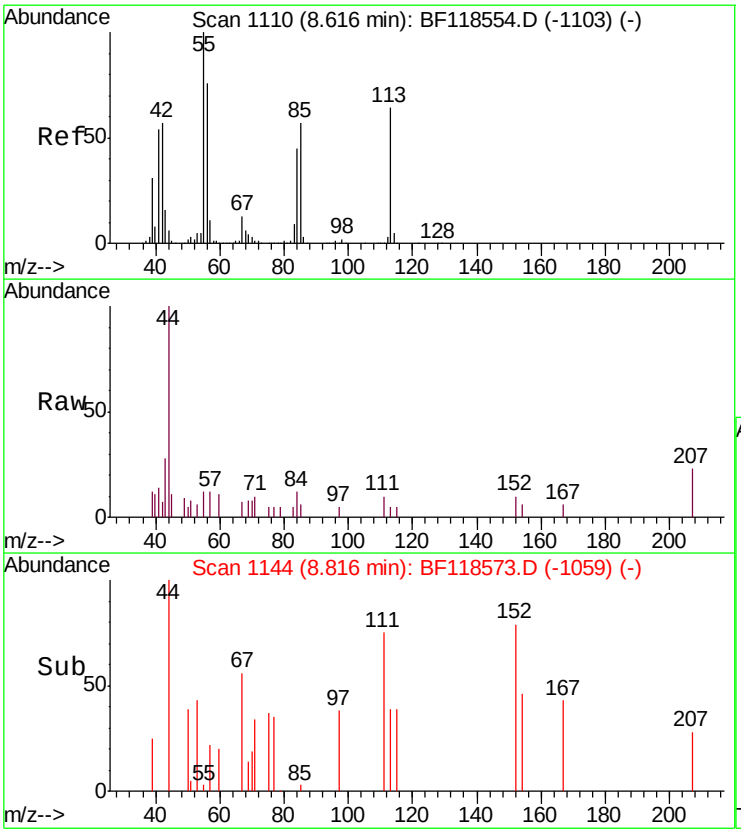
#33
4-Chloroaniline
Concen: 0.361 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:127 Resp: 9925

Ion	Ratio	Lower	Upper
127	100		
129	86.0	27.0	40.4#
65	0.0	25.8	38.8#
92	0.0	15.8	23.8#

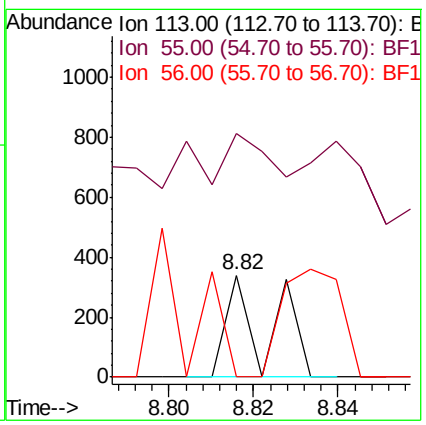


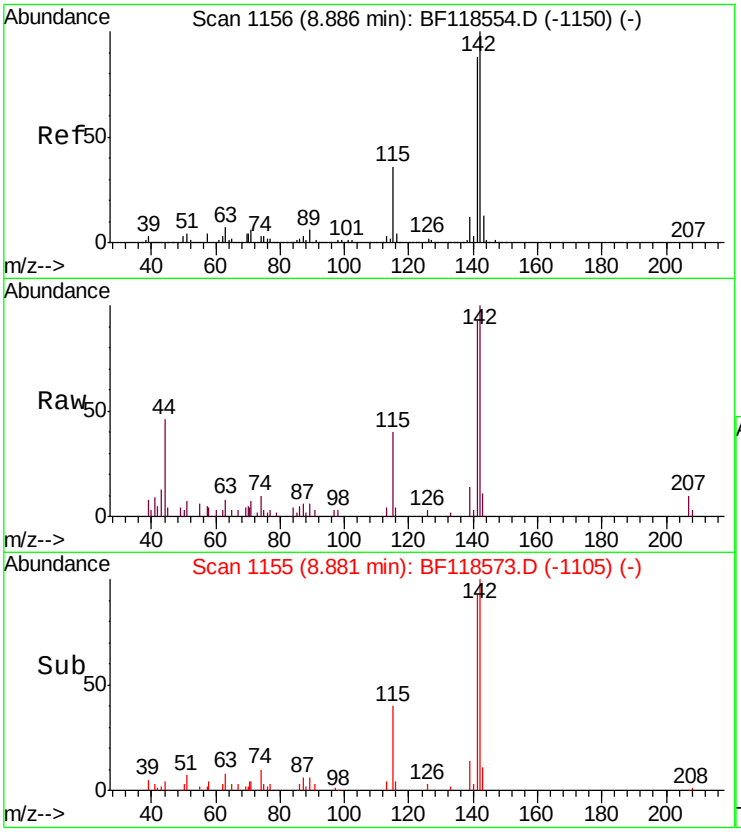


#35
Caprolactam
Concen: 0.039 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.20 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:113 Resp: 234

Ion	Ratio	Lower	Upper
113	100		
55	239.5	137.3	177.3#
56	0.0	99.7	139.7#



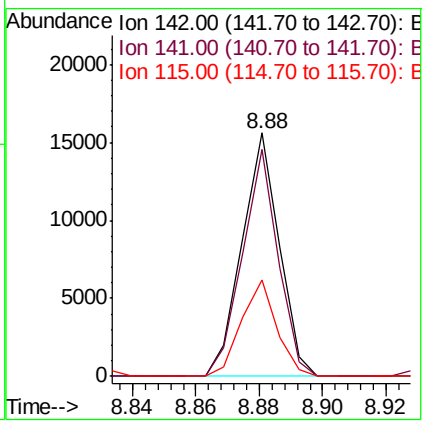


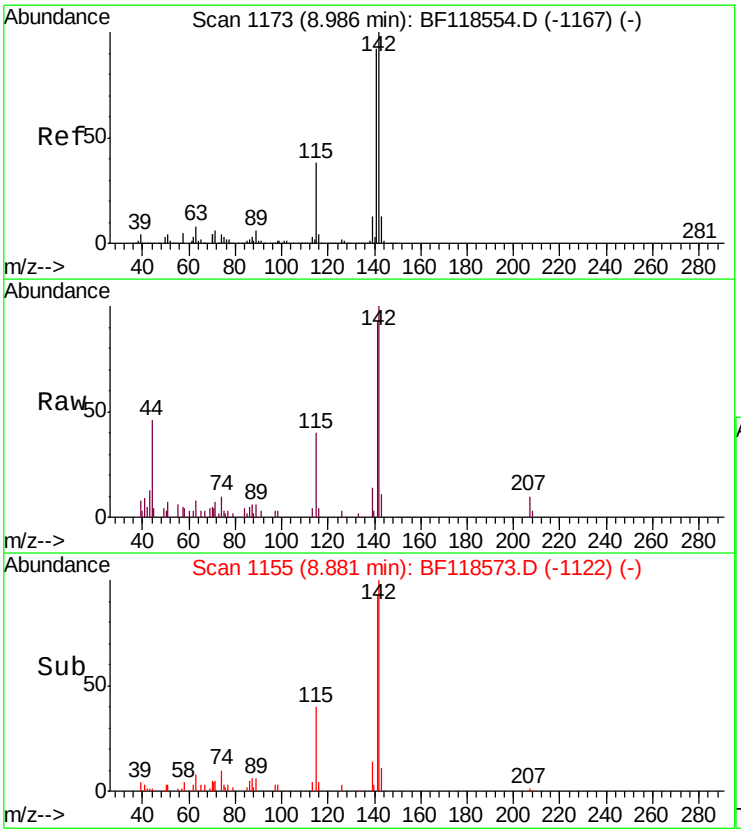
#37
2-Methylnaphthalene
Concen: 0.304 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:142 Resp: 12717

Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.6	106.0
115	39.5	29.0	43.4

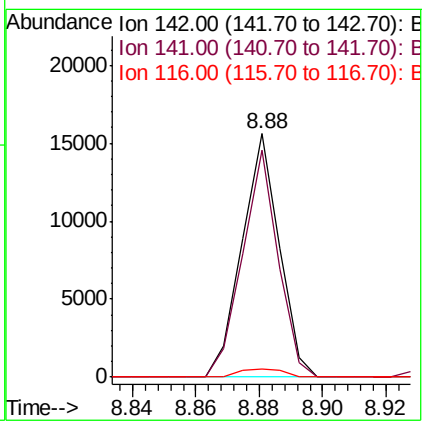


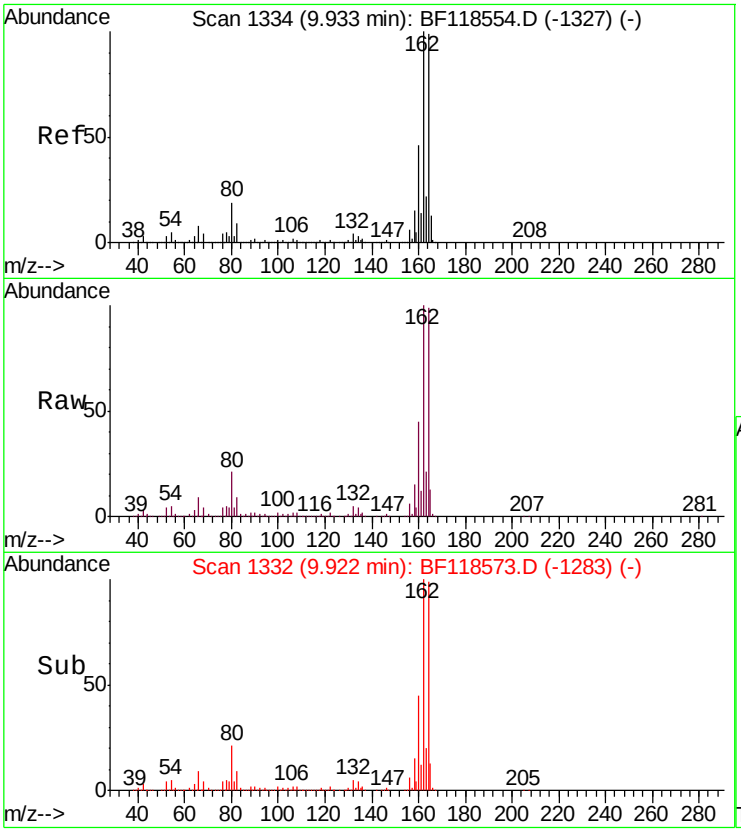


#38
1-Methylnaphthalene
Concen: 0.321 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:142 Resp: 12717

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.6
116	3.5	3.3	4.9



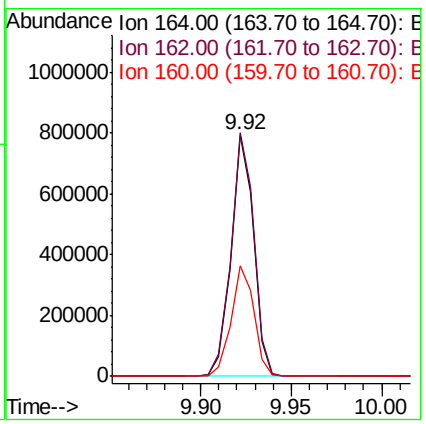


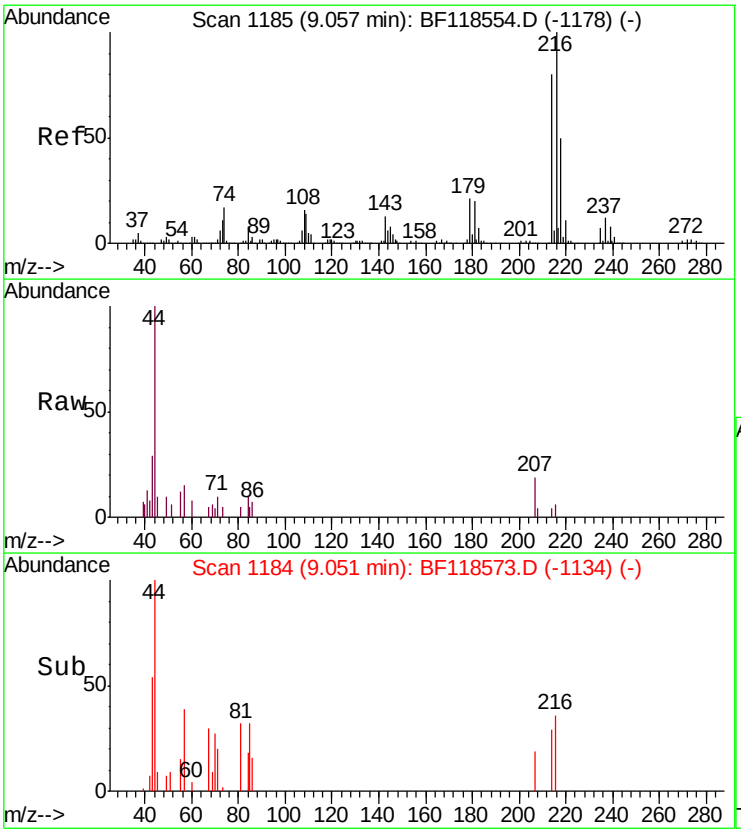
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:164 Resp: 689190

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.6	36.7	55.1

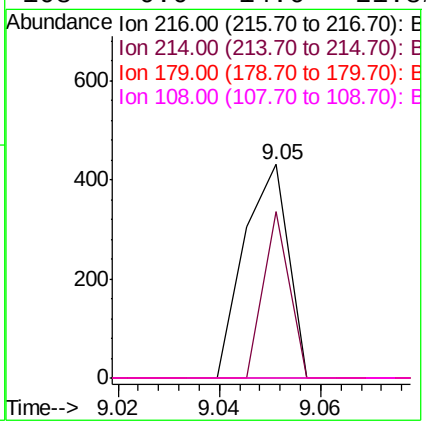


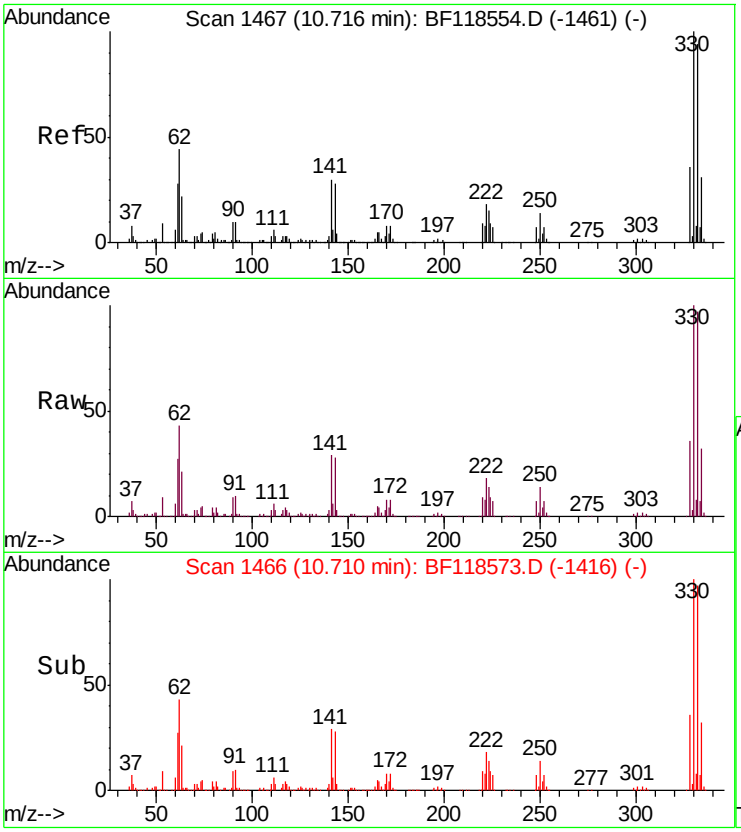


#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.012 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:216 Resp: 260

Ion	Ratio	Lower	Upper
216	100		
214	45.8	63.6	95.4#
179	0.0	16.5	24.7#
108	0.0	14.6	21.8#



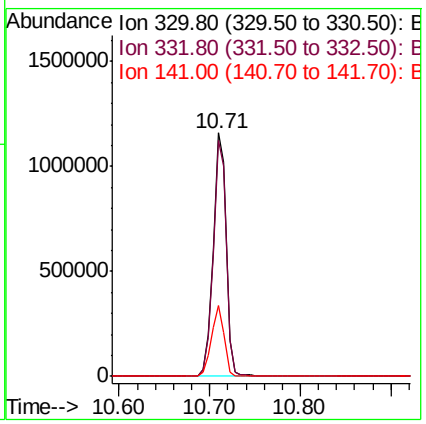


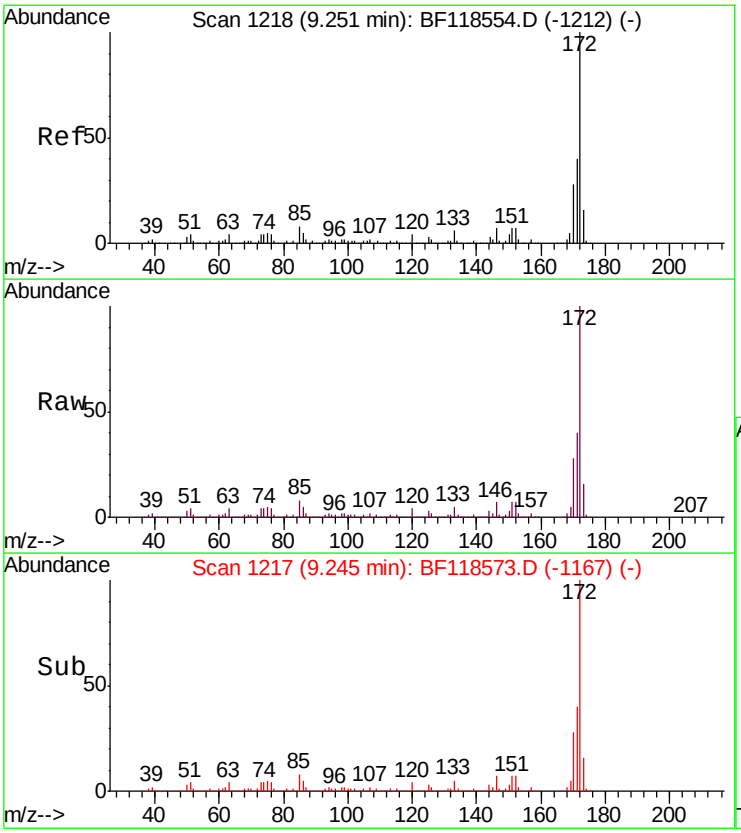
#42
2,4,6-Tribromophenol
Concen: 150.746 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:330 Resp: 1148509

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.4	114.6
141	29.0	23.4	35.2

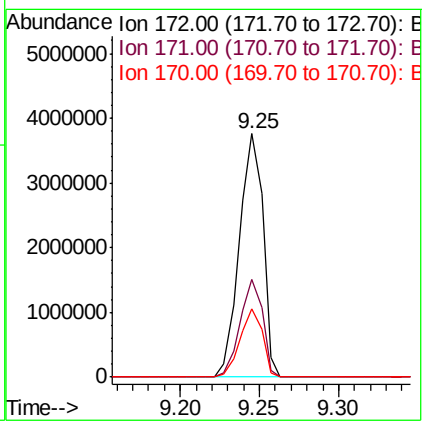


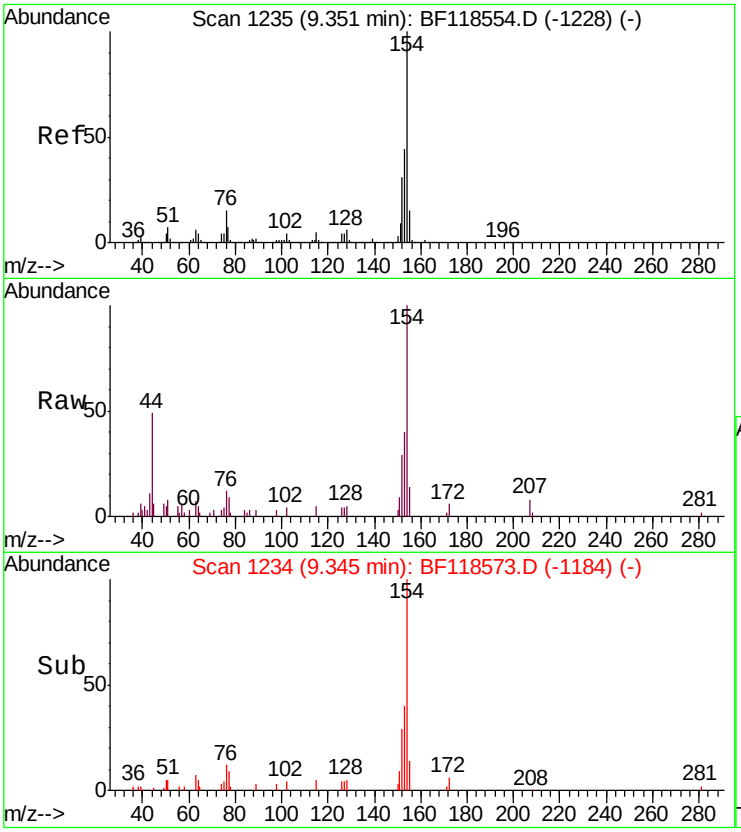


#45
2-Fluorobiphenyl
Concen: 101.661 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:172 Resp: 3881020

Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.4	48.6
170	28.0	22.5	33.7



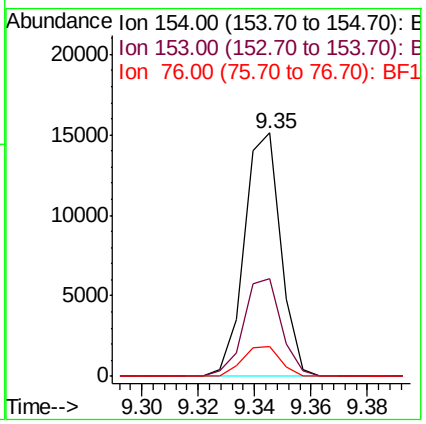


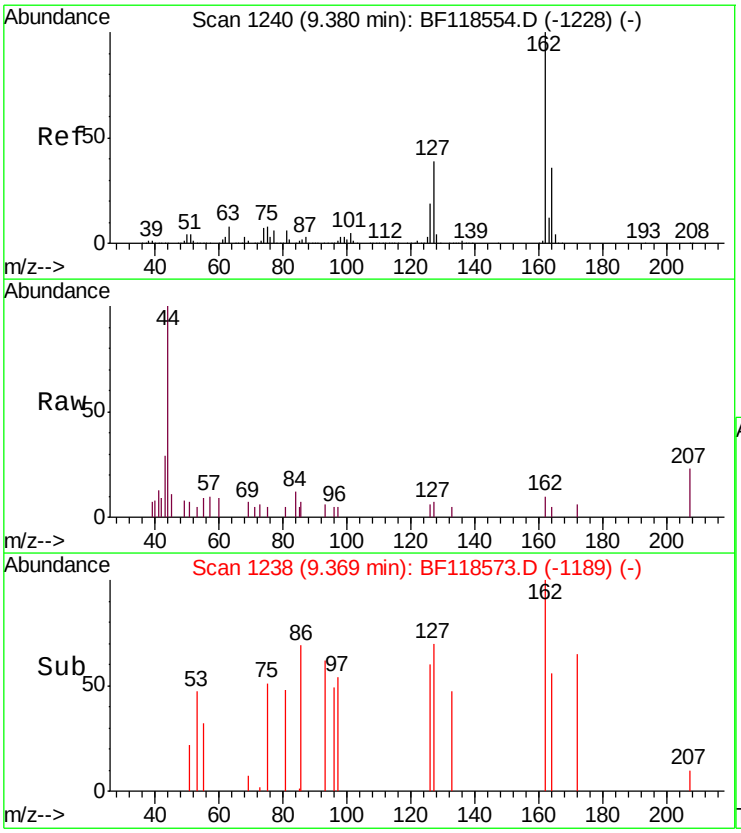
#46
1,1'-Biphenyl
Concen: 0.274 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:154 Resp: 13505

Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	12.3	0.0	35.2

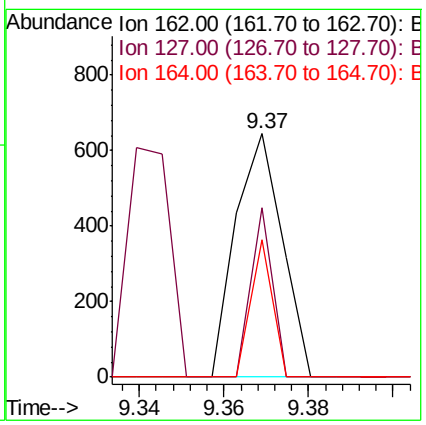


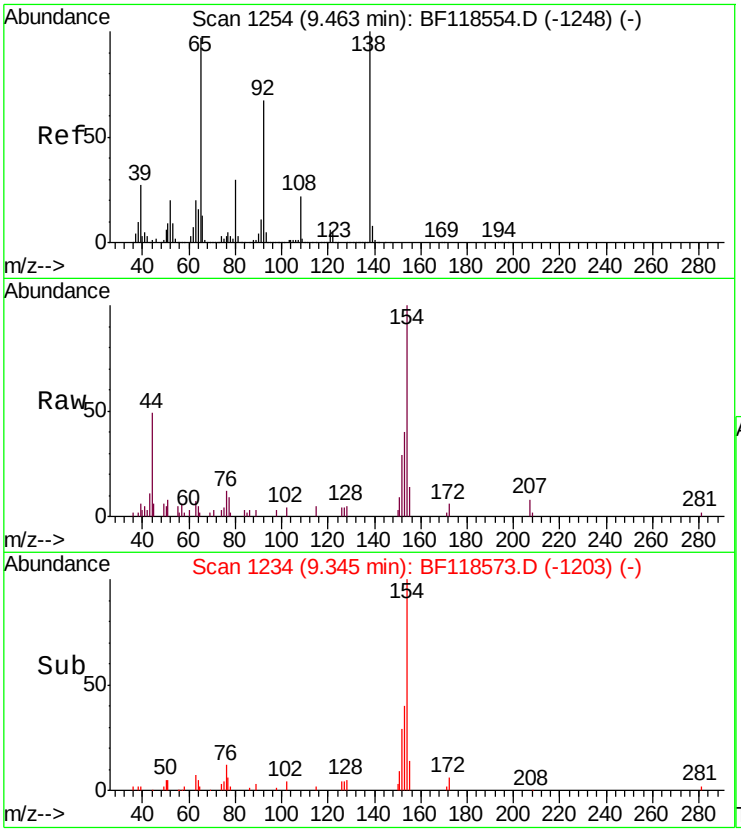


#47
2-Chloronaphthalene
Concen: 0.012 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:162 Resp: 493

Ion	Ratio	Lower	Upper
162	100		
127	69.8	31.0	46.4#
164	56.3	28.6	42.8#



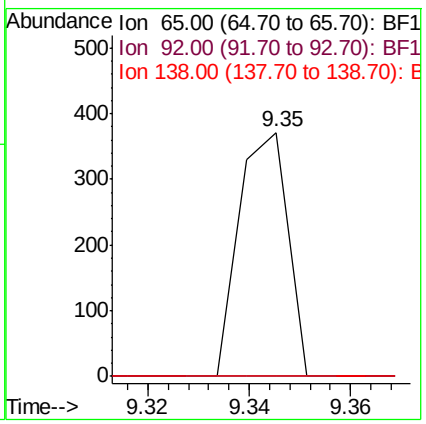


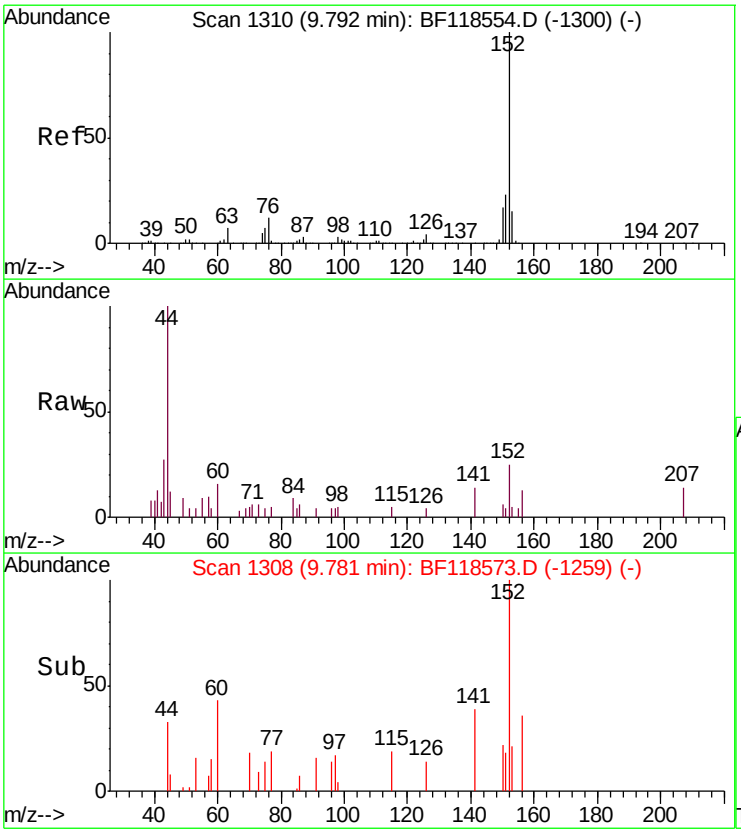
#48
2-Nitroaniline
Concen: 0.023 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.12 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 65 Resp: 247

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

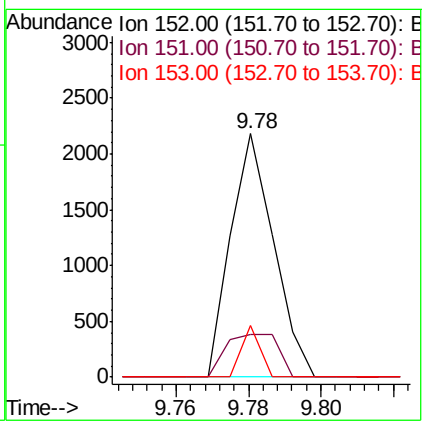


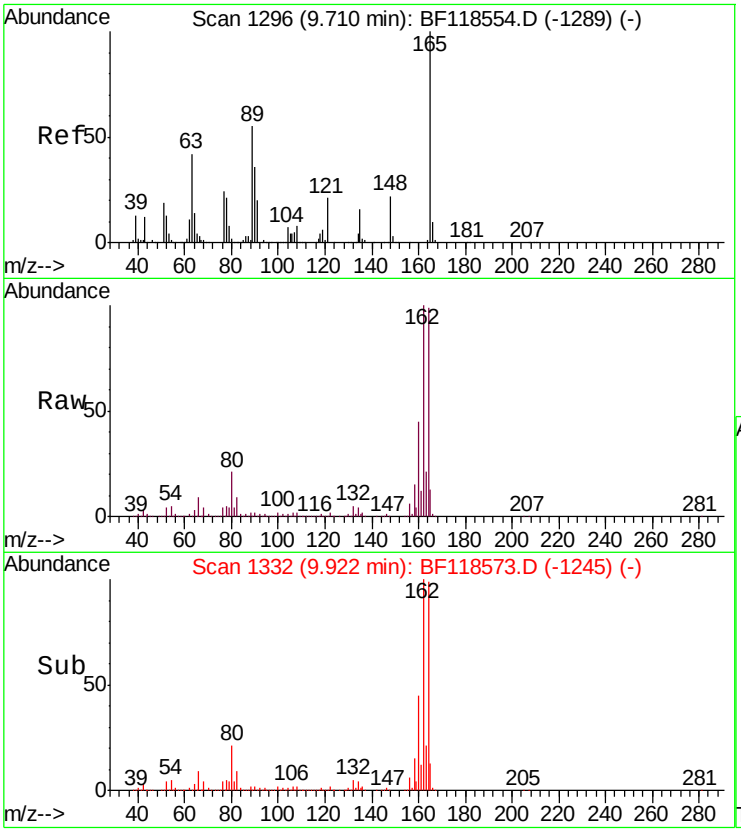


#49
Acenaphthylene
Concen: 0.031 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:152 Resp: 1811

Ion	Ratio	Lower	Upper
152	100		
151	17.5	18.6	27.8#
153	21.3	12.3	18.5#



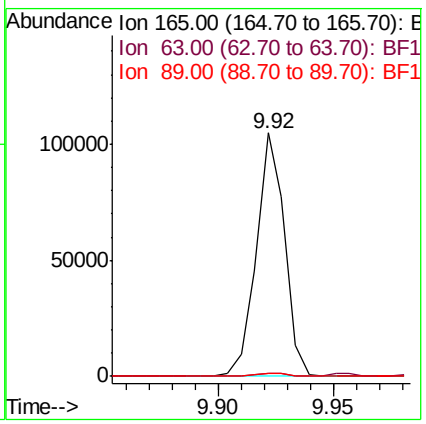


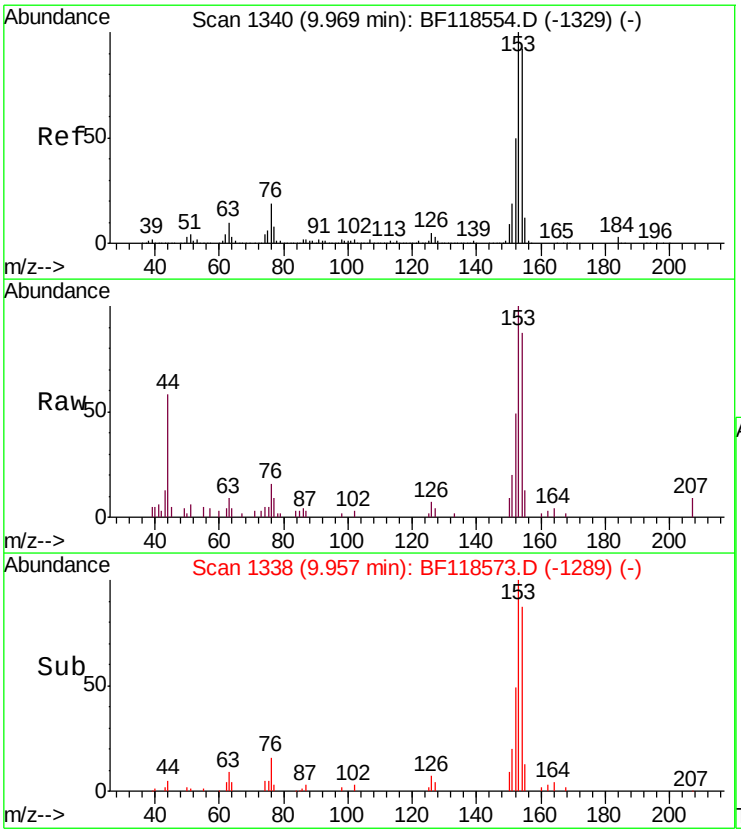
#51
2,6-Dinitrotoluene
Concen: 9.906 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:165 Resp: 89440

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.9	62.9#
89	1.2	44.0	66.0#

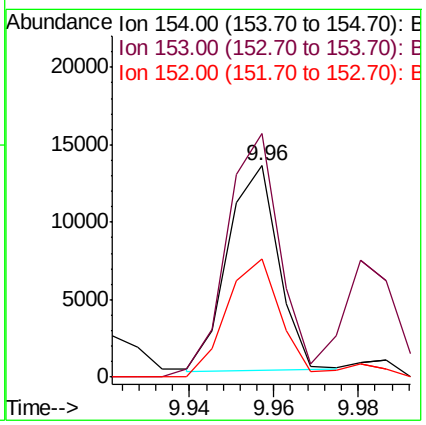


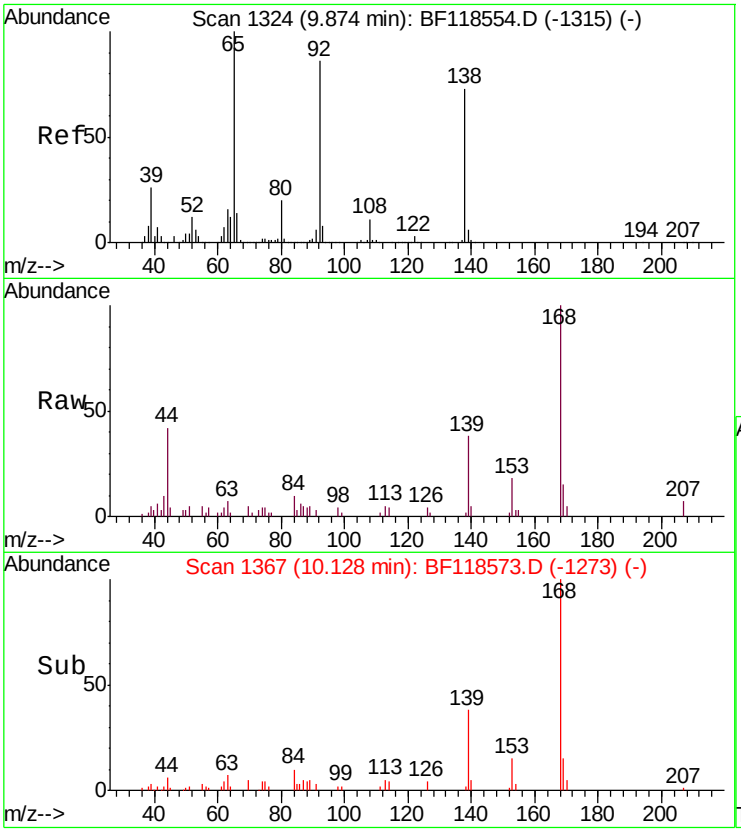


#52
Acenaphthene
Concen: 0.289 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:154 Resp: 11108

Ion	Ratio	Lower	Upper
154	100		
153	115.1	87.0	130.4
152	55.9	43.8	65.8



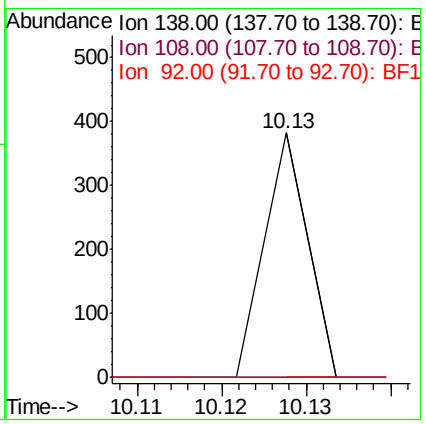


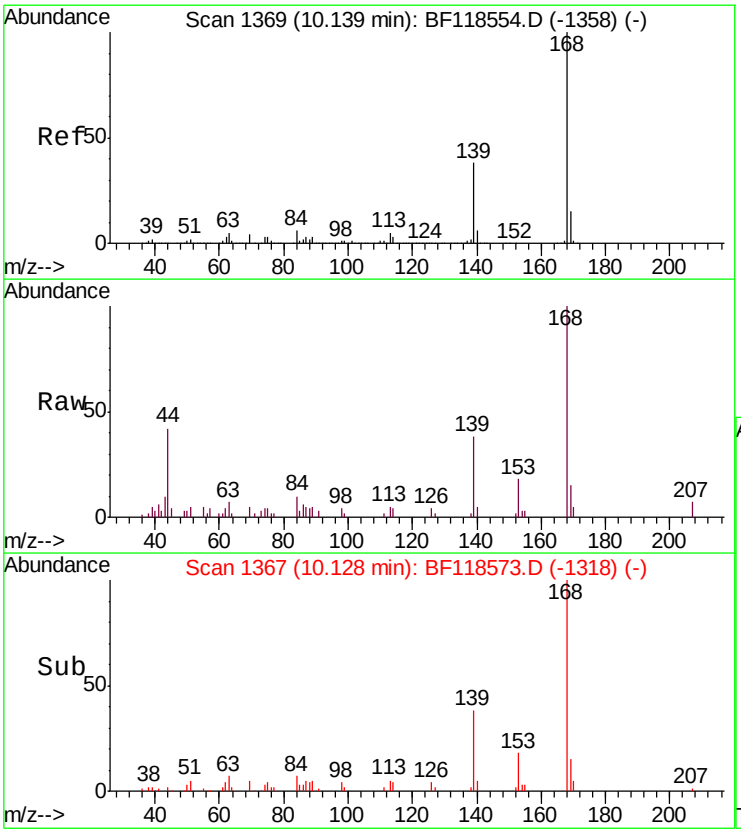
#53
3-Nitroaniline
Concen: 0.013 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.25 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:138 Resp: 135

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

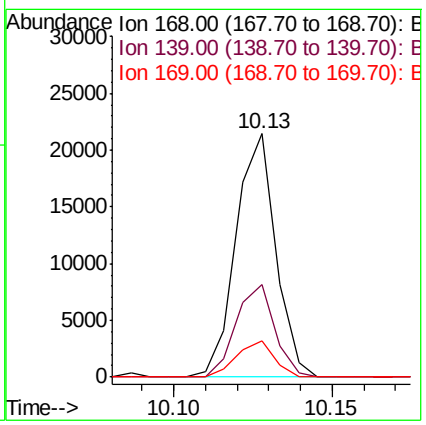


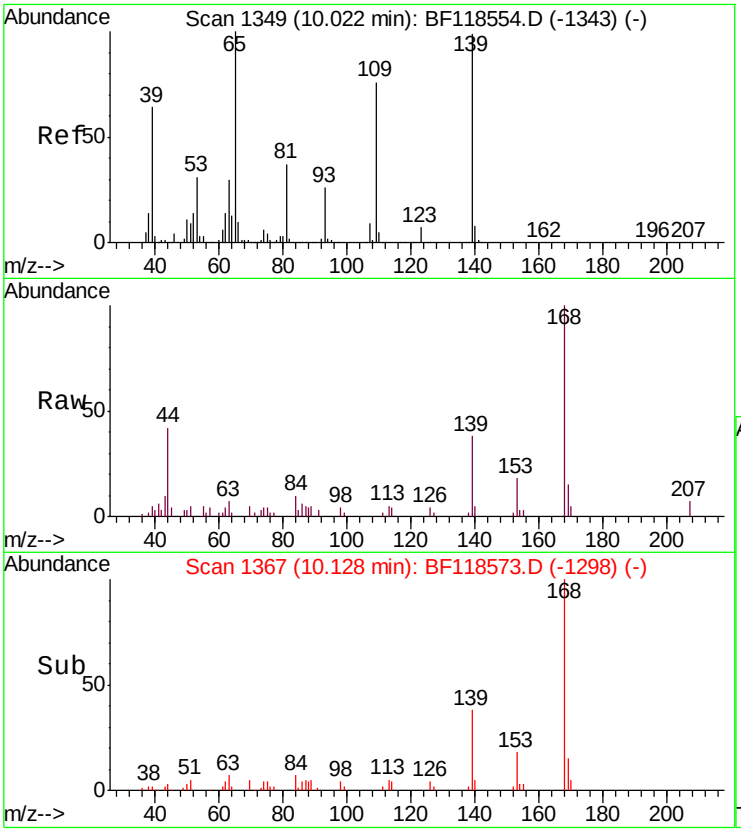


#55
Dibenzofuran
Concen: 0.342 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:168 Resp: 18597

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.6	46.0
169	14.8	11.9	17.9



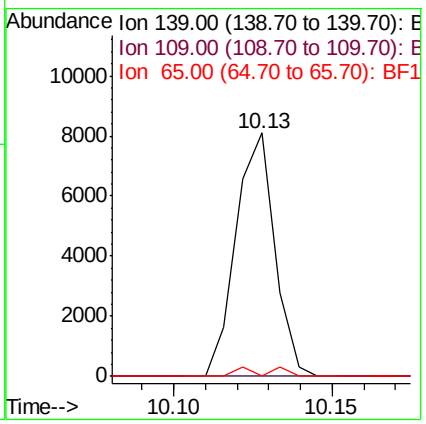


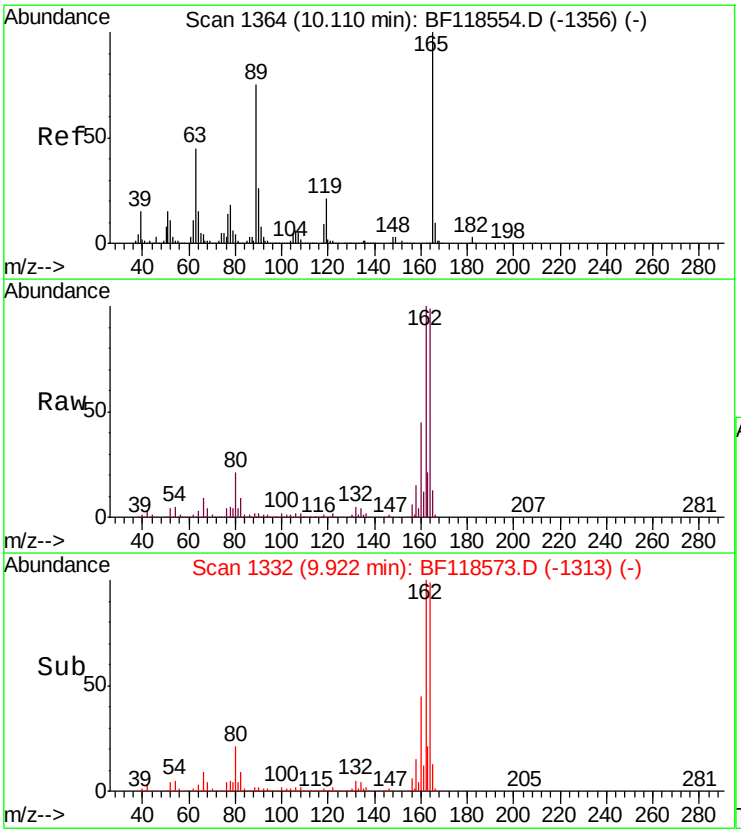
#56
4-Nitrophenol
Concen: 0.907 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:139 Resp: 6855

Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.9	96.9#
65	0.0	81.7	121.7#

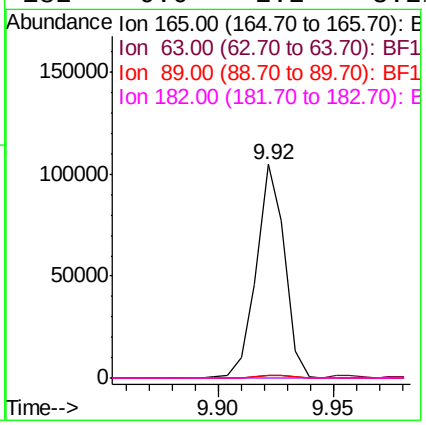


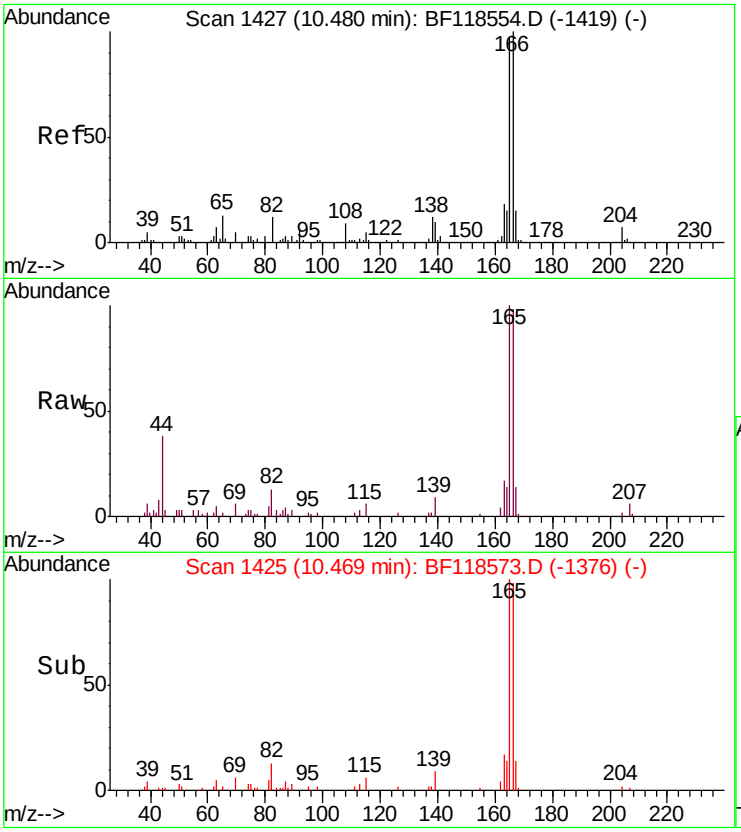


#57
2,4-Dinitrotoluene
Concen: 11.766 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:165 Resp: 89440

Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.8	53.6#
89	1.2	59.9	89.9#
182	0.0	2.2	3.2#



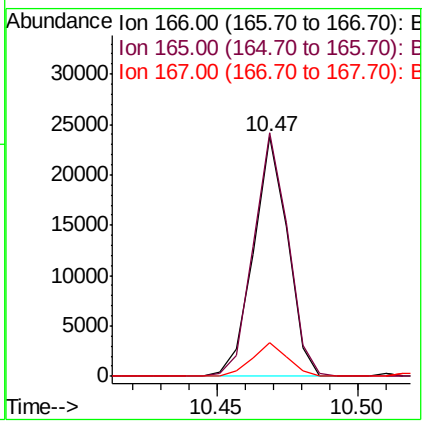


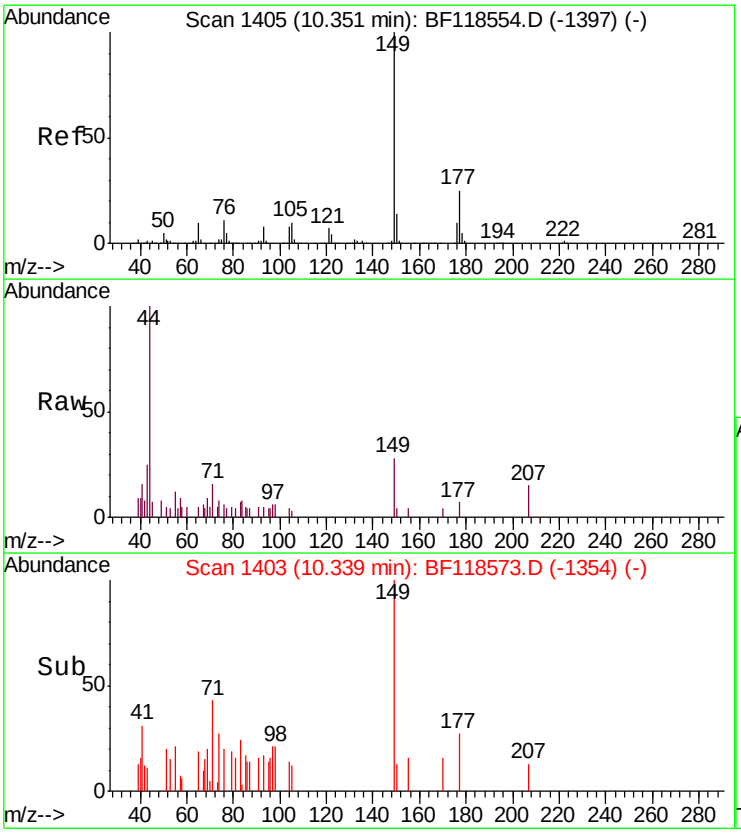
#58
Fluorene
Concen: 0.476 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:166 Resp: 20027

Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.8	116.8
167	14.0	11.7	17.5

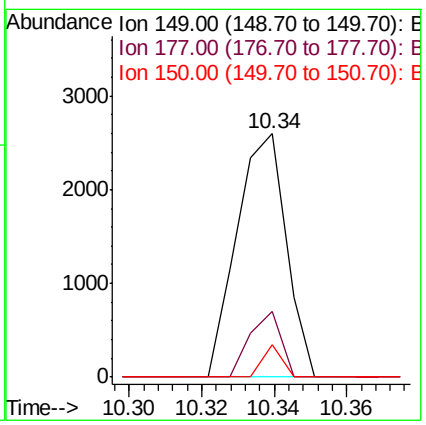


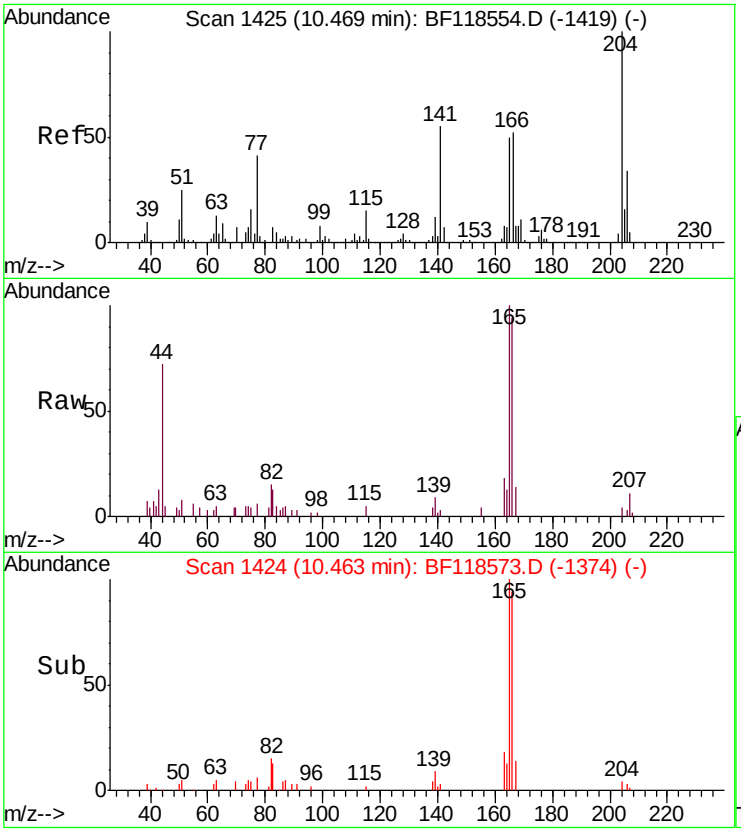


#60
Diethylphthalate
Concen: 0.053 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:149 Resp: 2451

Ion	Ratio	Lower	Upper
149	100		
177	27.0	20.2	30.4
150	13.4	11.0	16.4



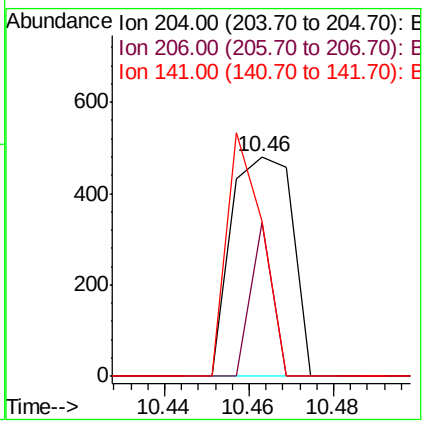


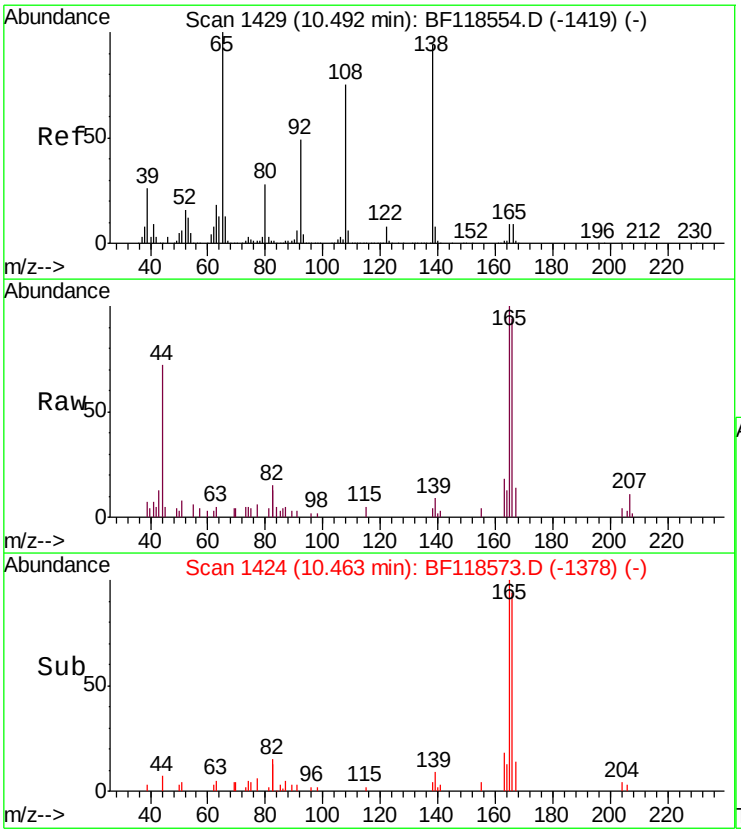
#61
4-Chlorophenyl-phenylether
Concen: 0.021 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:204 Resp: 483

Ion	Ratio	Lower	Upper
204	100		
206	70.2	27.1	40.7#
141	70.8	44.4	66.6#

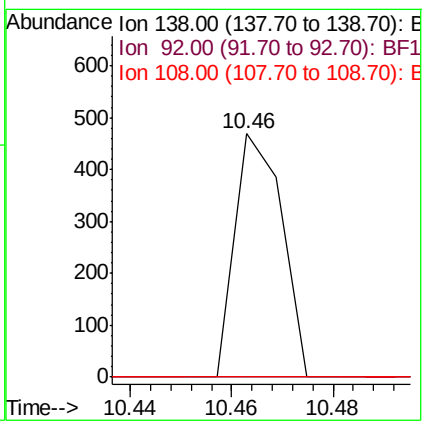


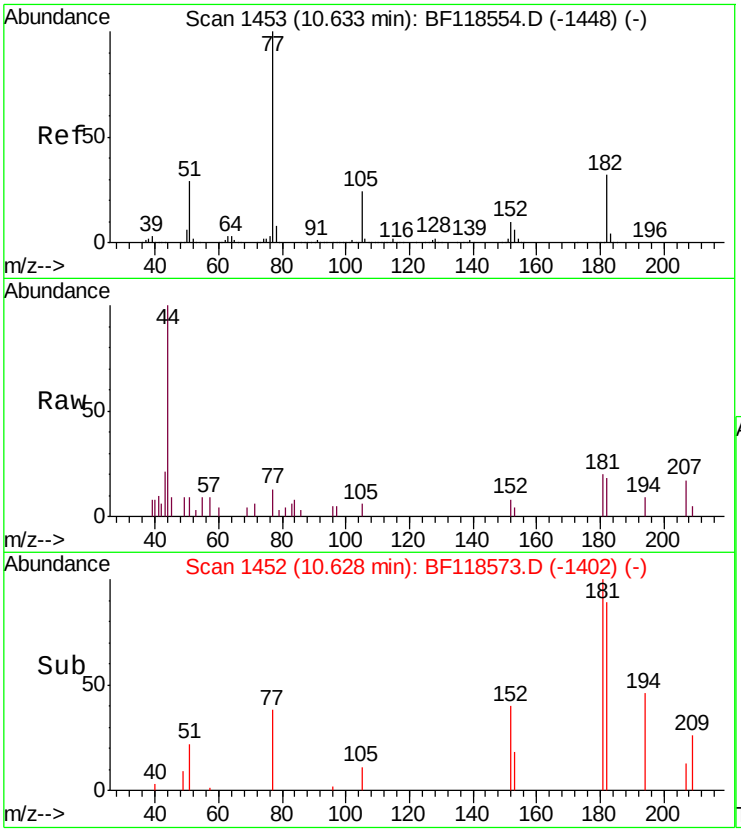


#62
4-Nitroaniline
Concen: 0.030 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:138 Resp: 302

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.7	71.7#
108	0.0	59.6	99.6#



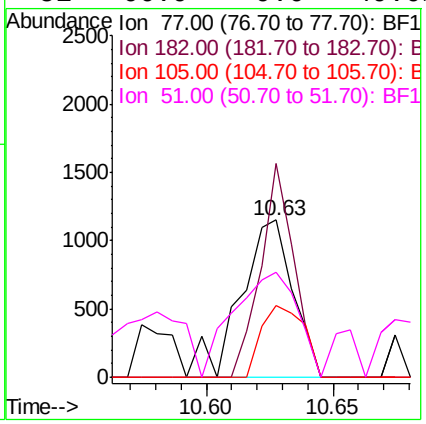


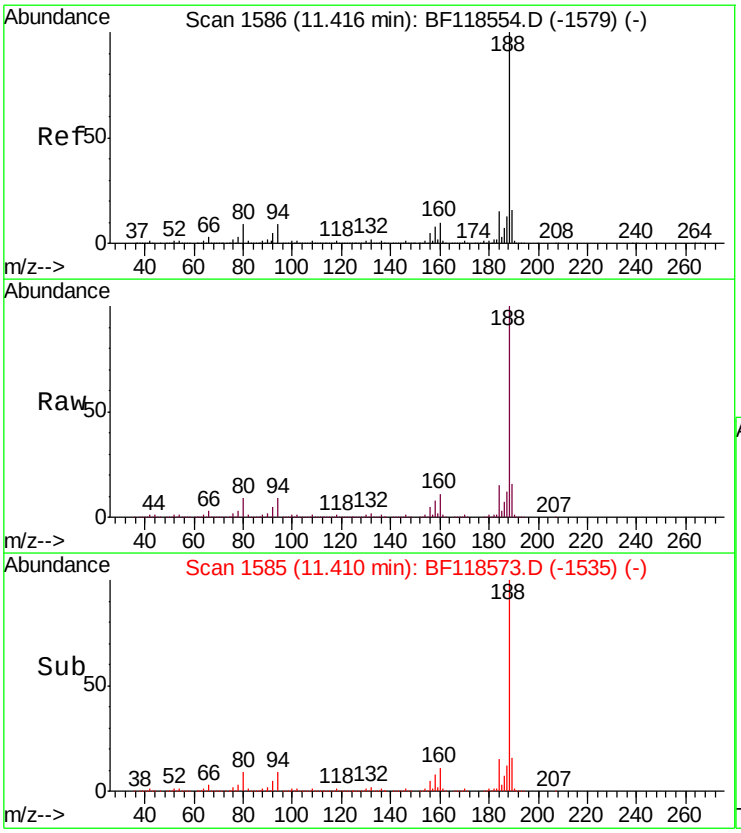
#63
Azobenzene
Concen: 0.037 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 77 Resp: 1663

Ion	Ratio	Lower	Upper
77	100		
182	136.0	11.7	51.7#
105	45.4	3.6	43.6#
51	66.9	9.0	49.0#

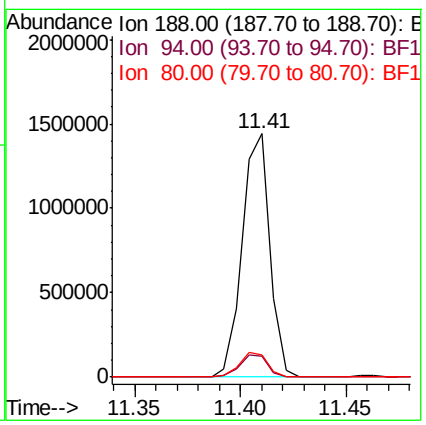


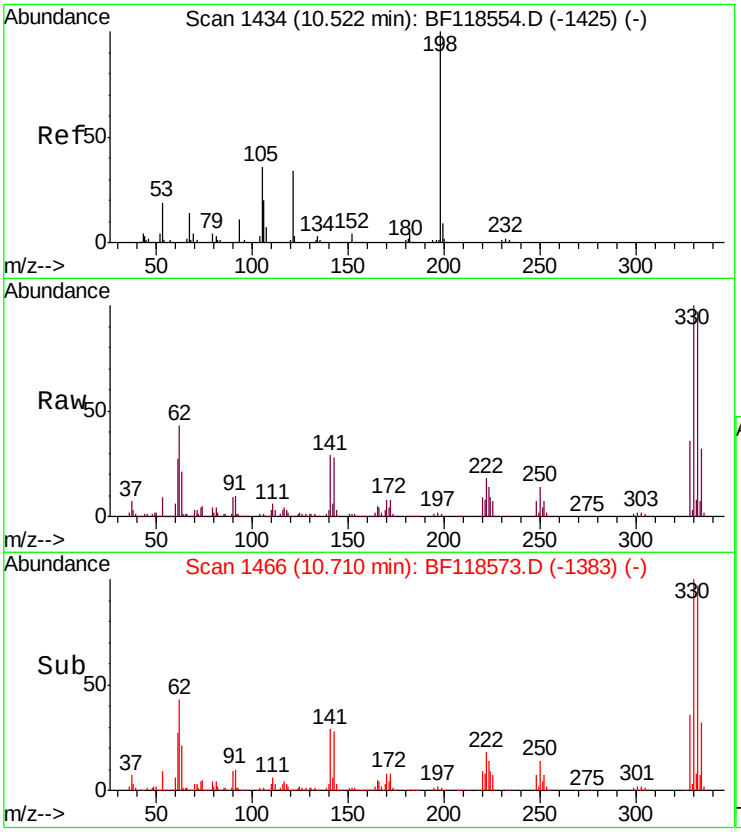


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:188 Resp: 1306854

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	9.3	7.4	11.2



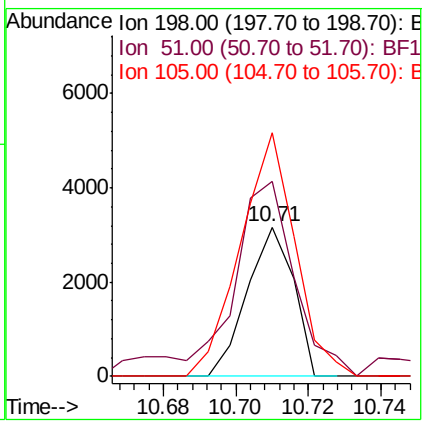


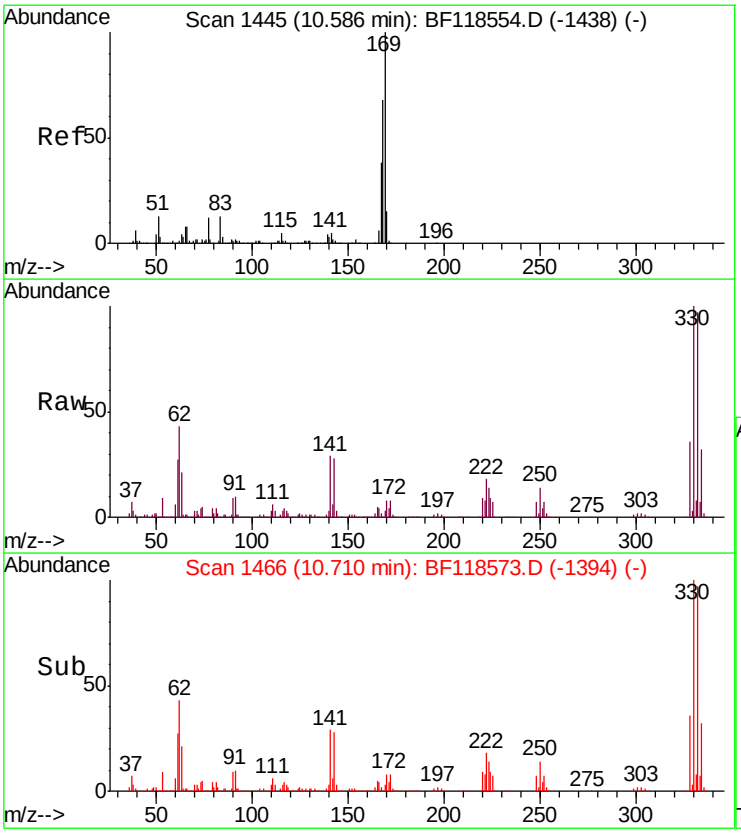
#65
4,6-Dinitro-2-methylphenol
Concen: 10.145 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:198 Resp: 2802

Ion	Ratio	Lower	Upper
198	100		
51	131.1	13.2	53.2#
105	163.4	17.2	57.2#

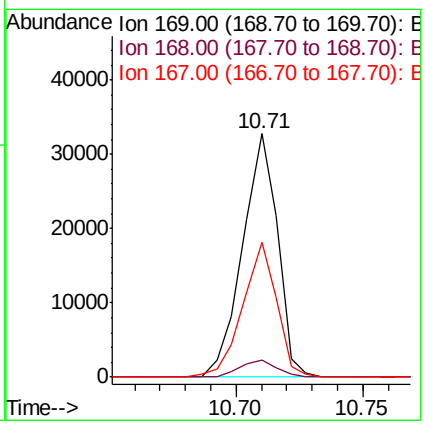


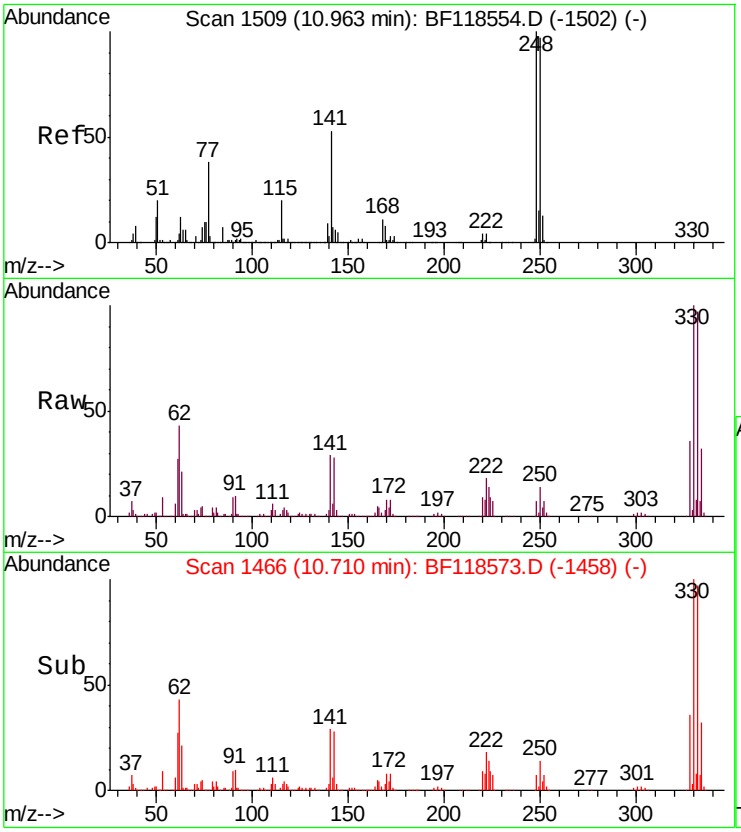


#66
n-Nitrosodiphenylamine
Concen: 0.750 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:169 Resp: 31480

Ion	Ratio	Lower	Upper
169	100		
168	7.2	54.2	81.4#
167	55.5	30.5	45.7#



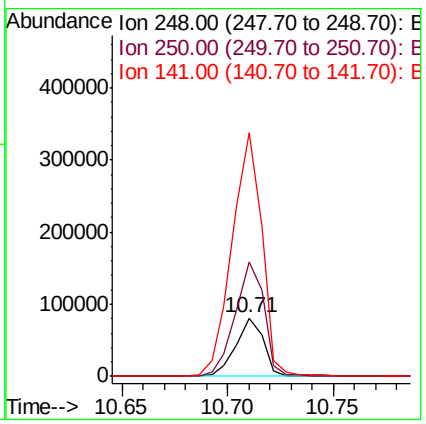


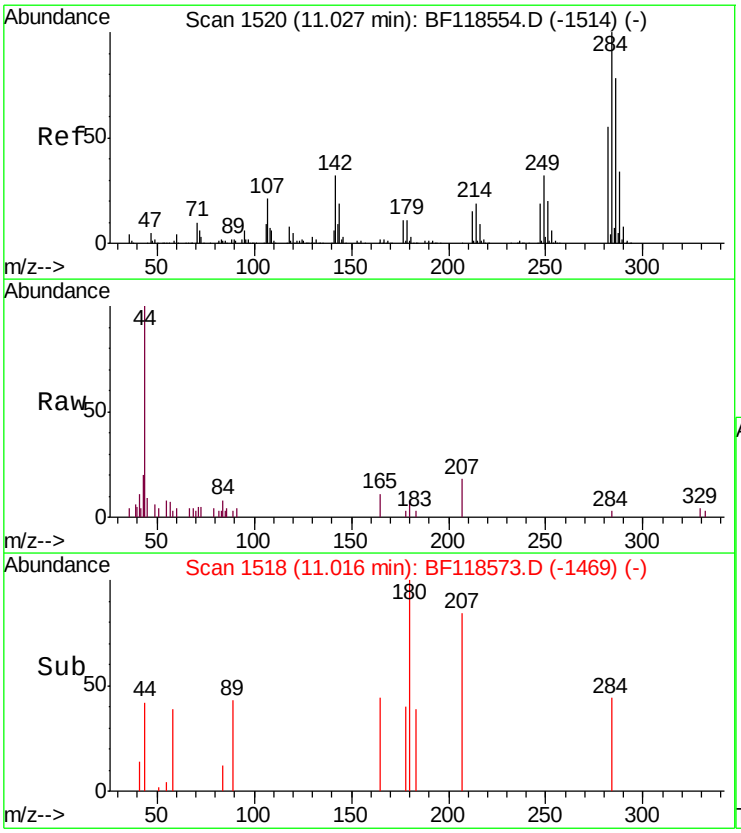
#67
4-Bromophenyl-phenylether
Concen: 4.235 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:248 Resp: 74086

Ion	Ratio	Lower	Upper
248	100		
250	197.3	77.8	116.8#
141	419.0	42.7	64.1#

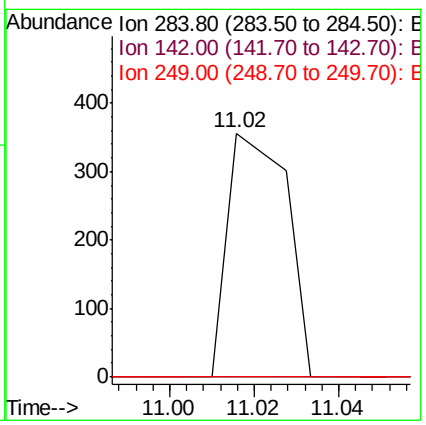


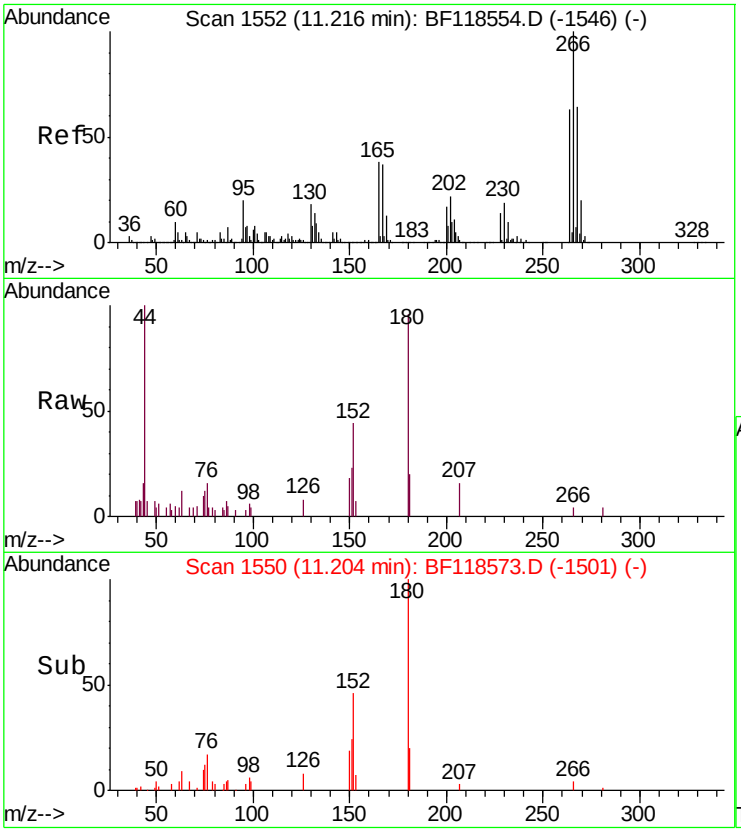


#68
Hexachlorobenzene
Concen: 0.018 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:284 Resp: 348

Ion	Ratio	Lower	Upper
284	100		
142	0.0	25.6	38.4#
249	0.0	25.6	38.4#



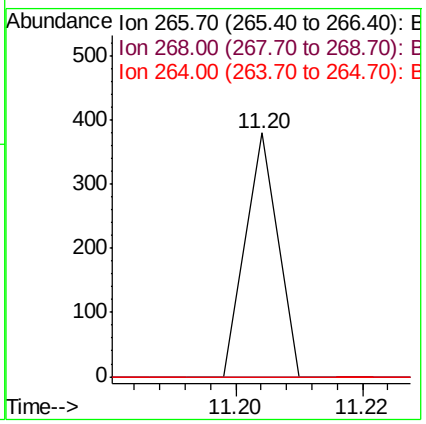


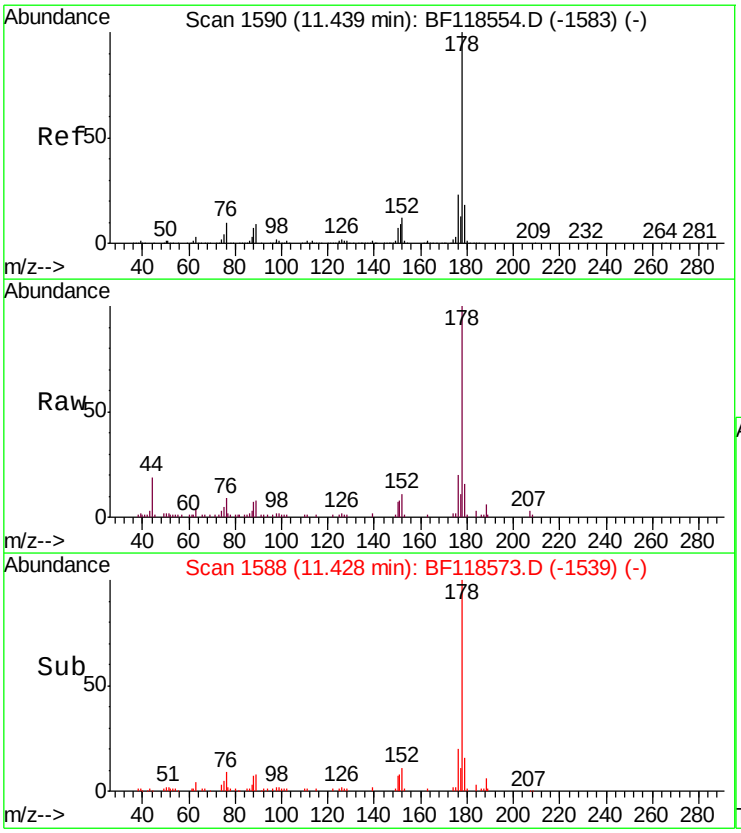
#70
Pentachlorophenol
Concen: 0.014 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:266 Resp: 134

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

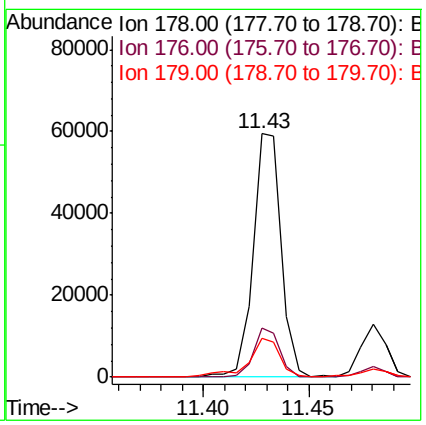


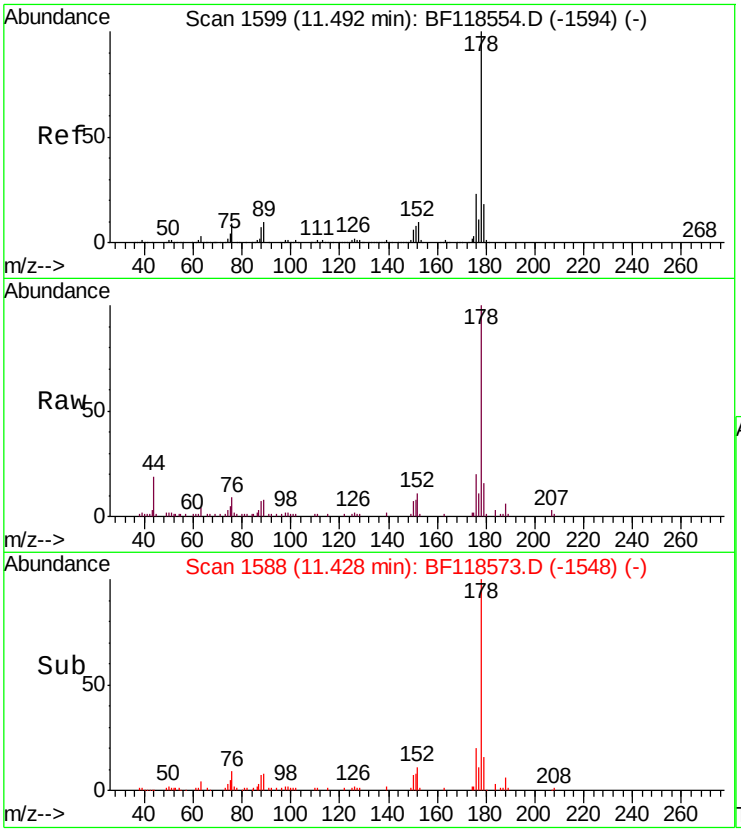


#71
Phenanthrene
Concen: 0.839 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:178 Resp: 55089

Ion	Ratio	Lower	Upper
178	100		
176	20.0	18.6	28.0
179	16.1	14.6	22.0



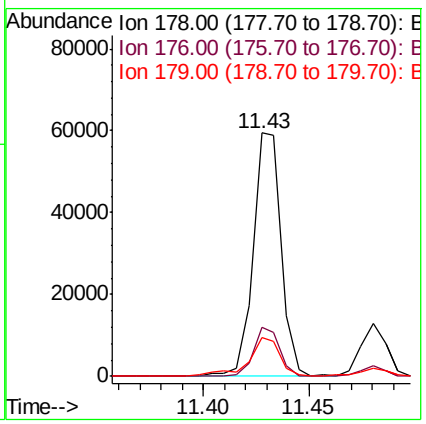


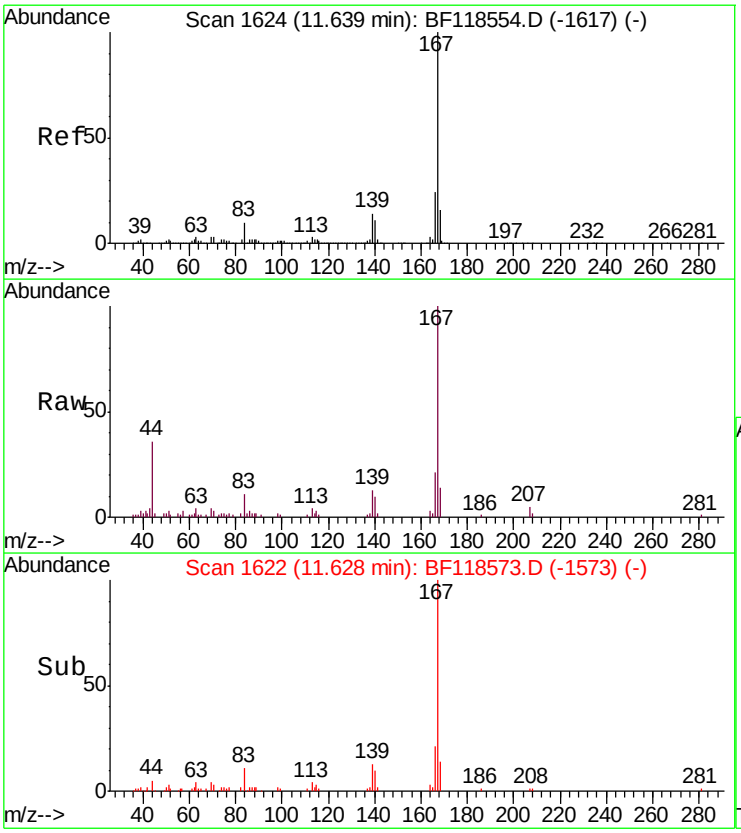
#72
Anthracene
Concen: 0.841 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.06 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:178 Resp: 55089

Ion	Ratio	Lower	Upper
178	100		
176	20.0	18.1	27.1
179	16.1	14.7	22.1

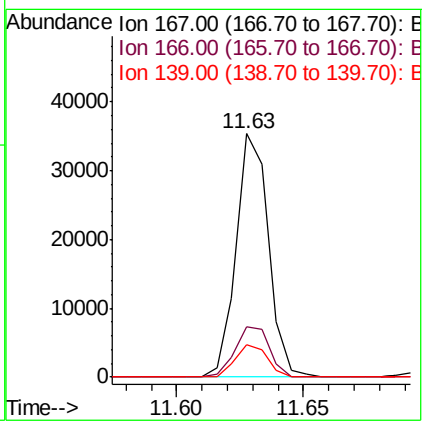


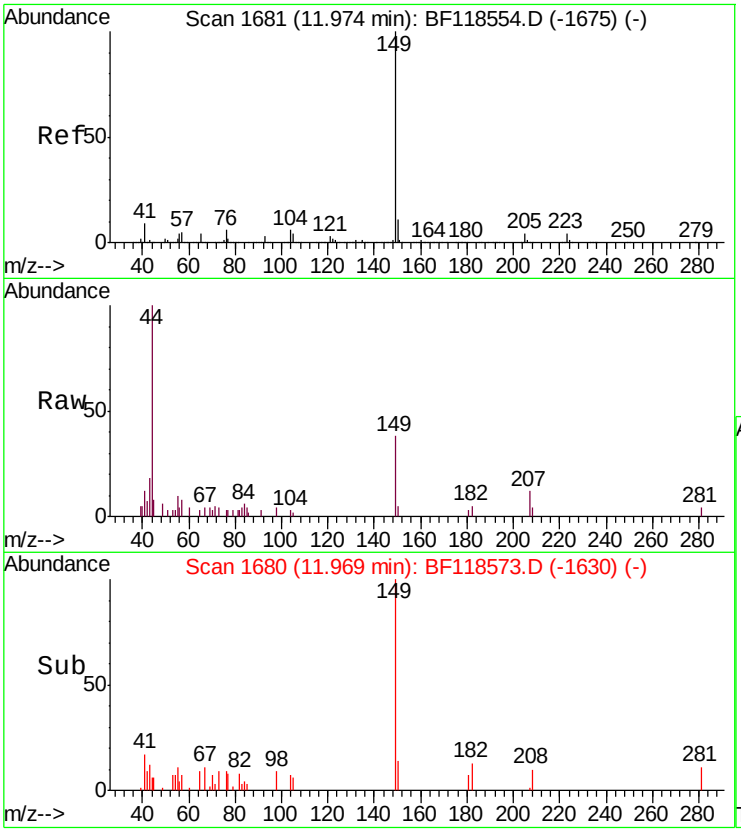


#73
Carbazole
Concen: 0.529 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:167 Resp: 31245

Ion	Ratio	Lower	Upper
167	100		
166	20.7	19.5	29.3
139	13.1	11.5	17.3



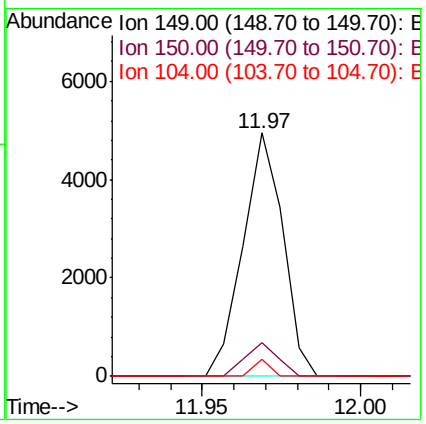


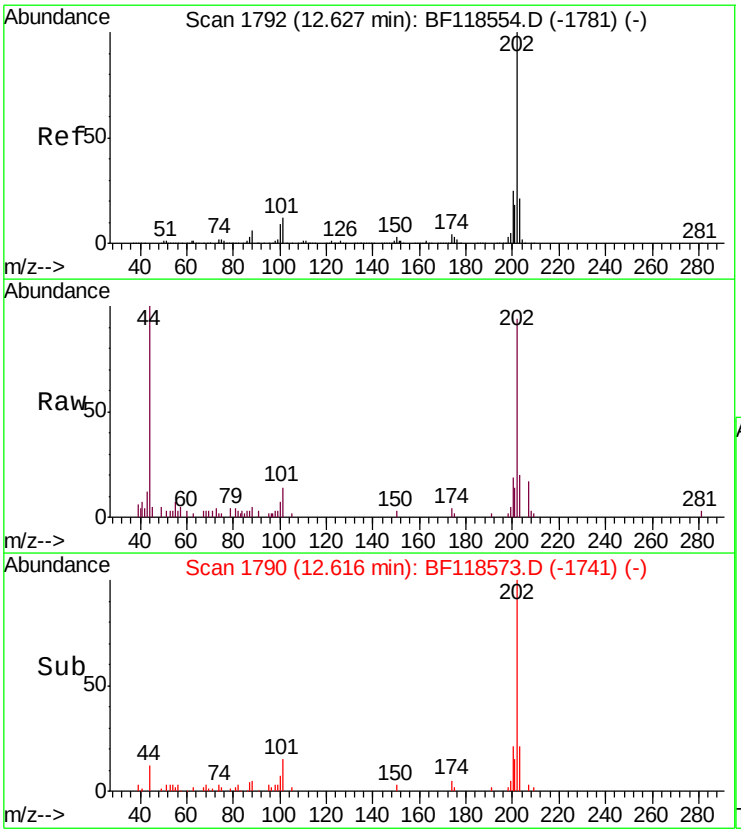
#74
Di-n-butylphthalate
Concen: 0.059 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:149 Resp: 4334

Ion	Ratio	Lower	Upper
149	100		
150	13.6	9.0	13.6#
104	7.1	5.0	7.4

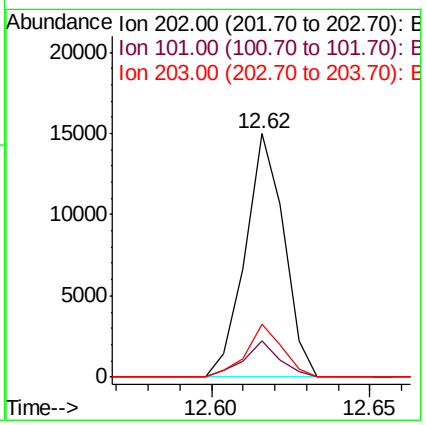


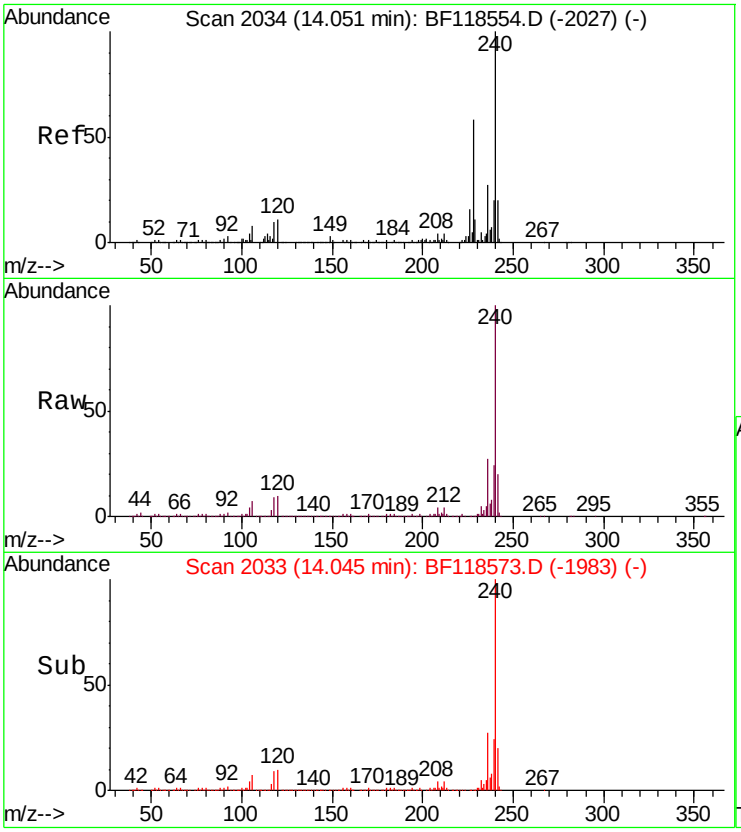


#75
Fluoranthene
Concen: 0.180 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:202 Resp: 12719

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	31.9
203	21.5	0.9	40.9



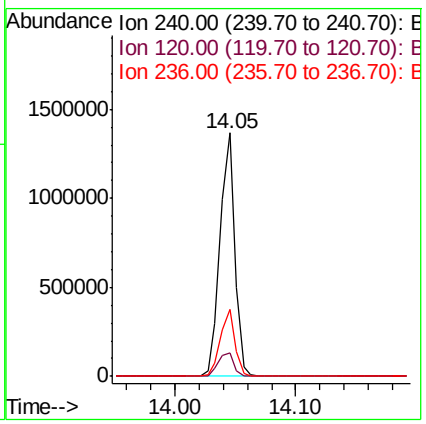


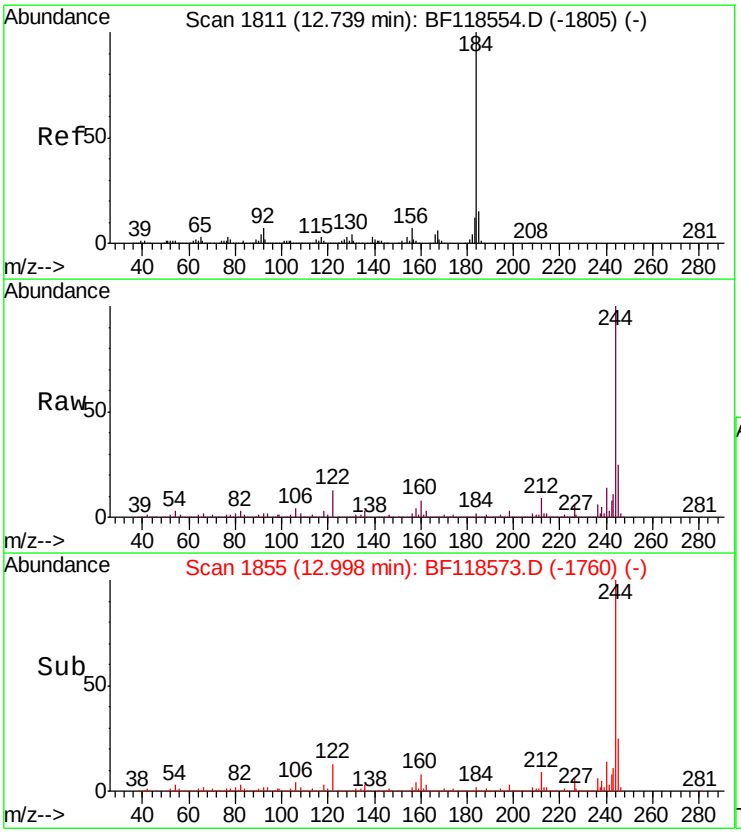
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:240 Resp: 1150387

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.7	13.1
236	27.3	21.8	32.8

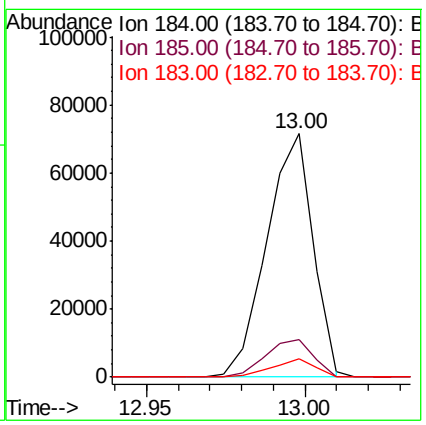


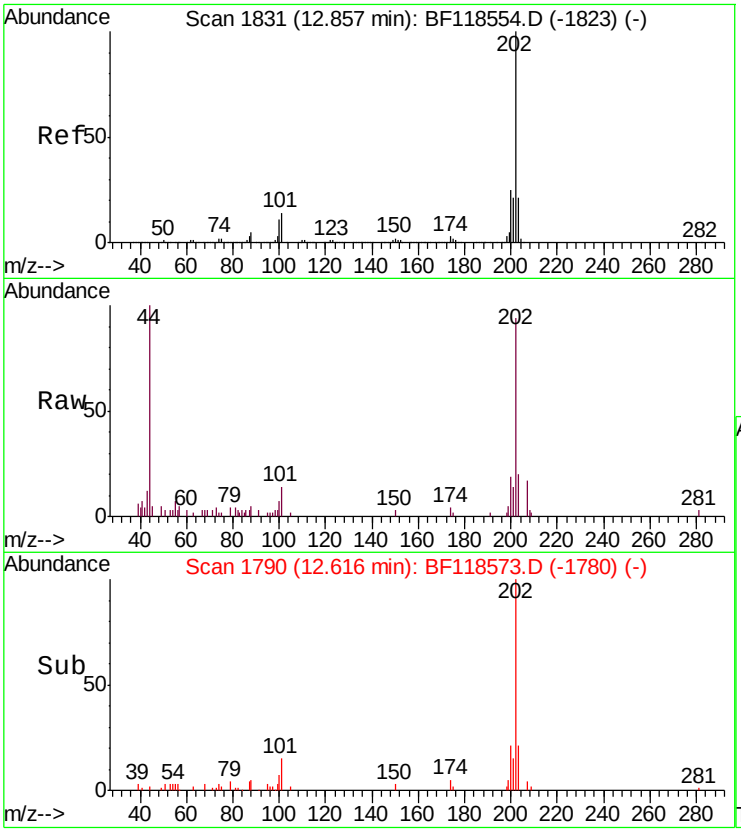


#77
Benzidine
Concen: 2.604 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:184 Resp: 72794

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.3	18.5
183	7.4	9.5	14.3#



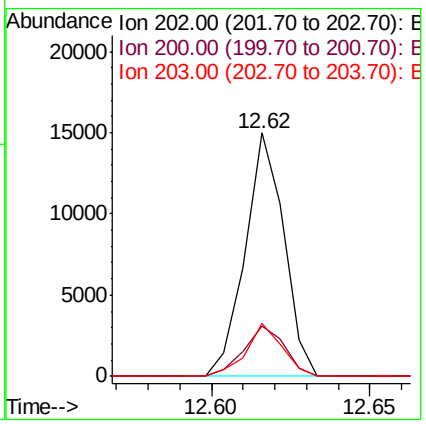


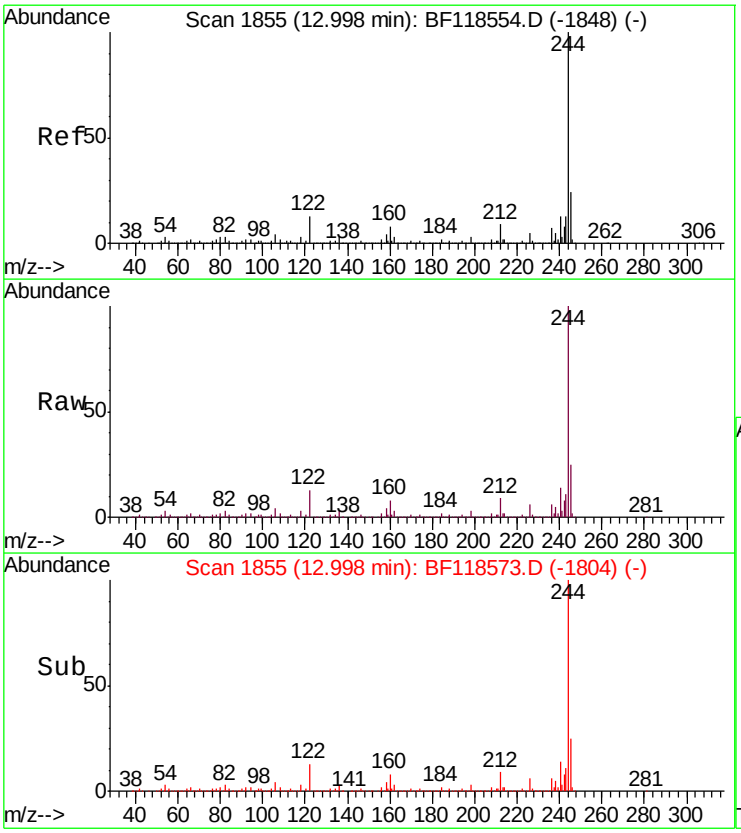
#78
Pyrene
Concen: 0.148 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.24 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:202 Resp: 12719

Ion	Ratio	Lower	Upper
202	100		
200	20.6	20.2	30.4
203	21.5	16.6	25.0

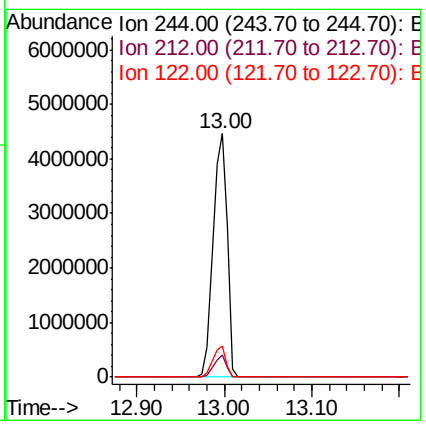


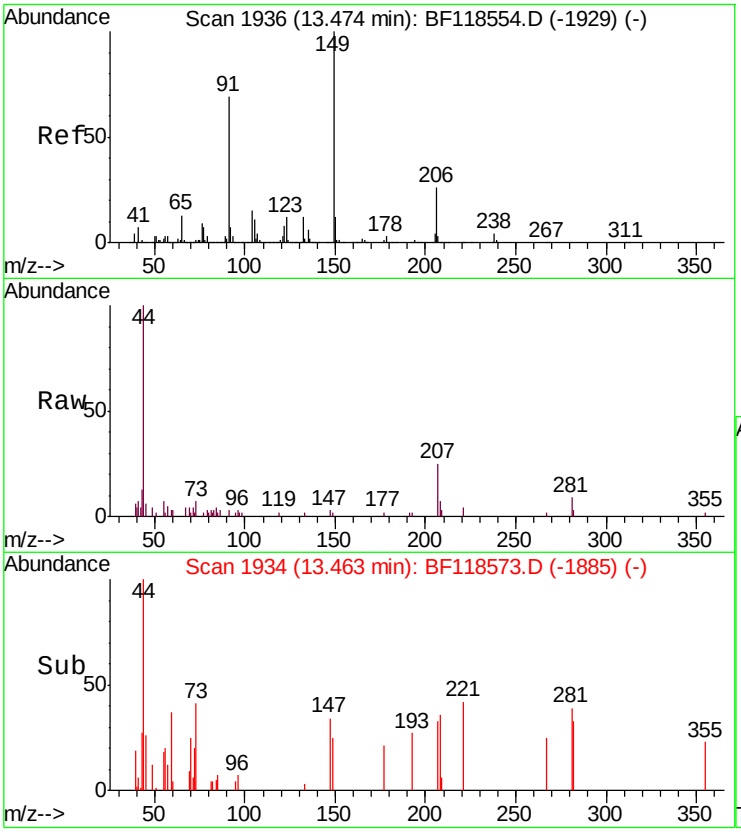


#79
Terphenyl-d14
Concen: 85.412 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:244 Resp: 4975216

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	12.8	10.4	15.6



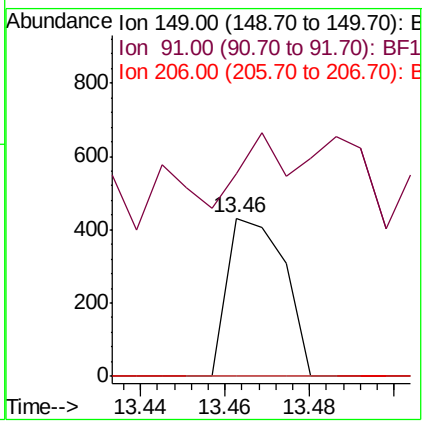


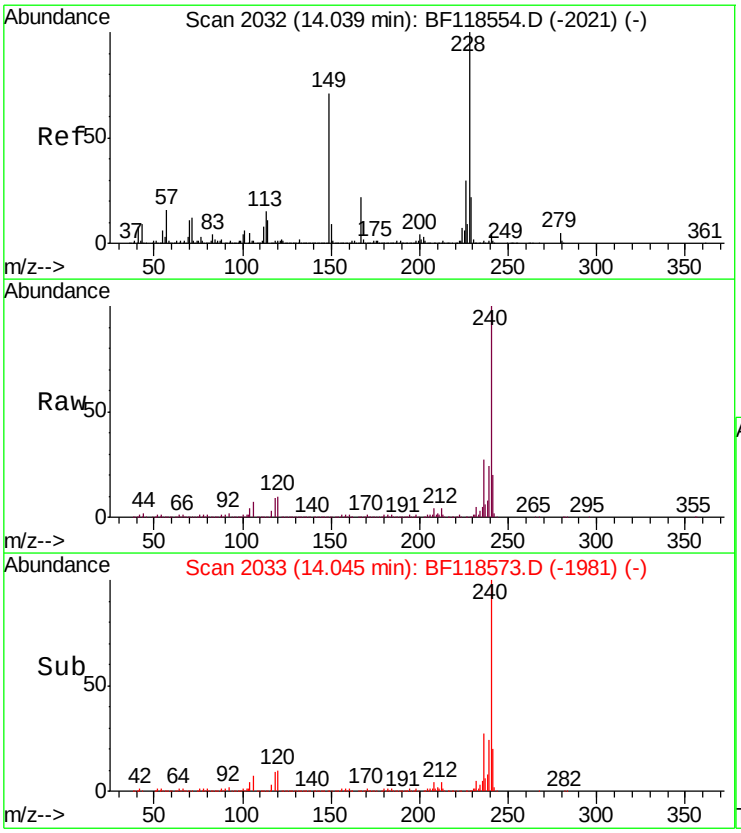
#80
Butylbenzylphthalate
Concen: 0.011 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:149 Resp: 404

Ion	Ratio	Lower	Upper
149	100		
91	128.2	55.5	83.3#
206	0.0	20.7	31.1#

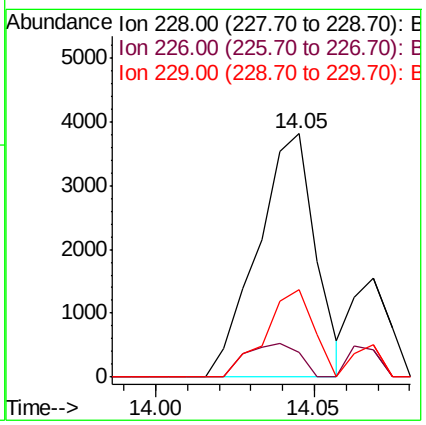


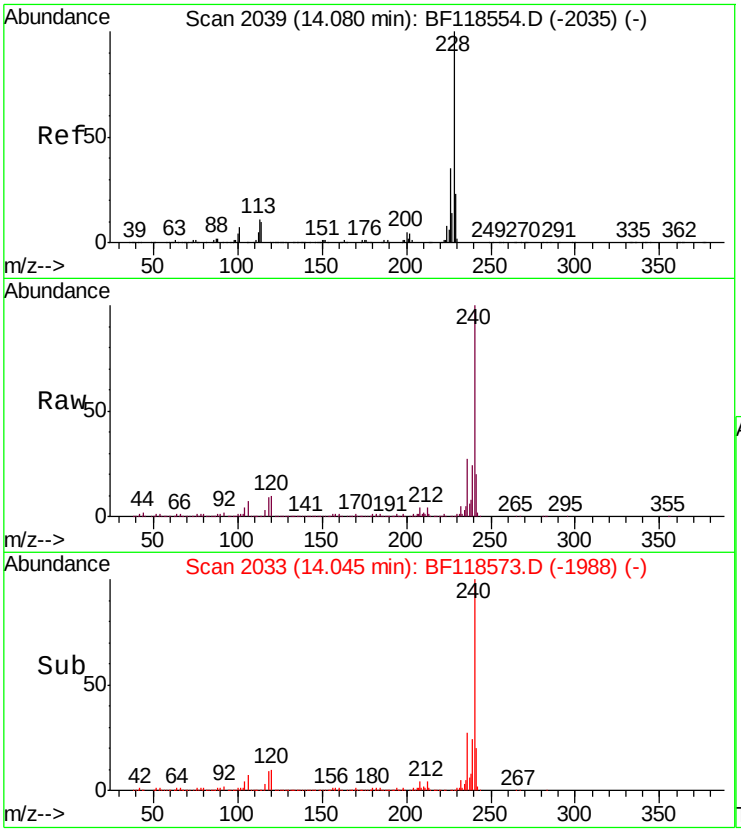


#81
Benzo(a)anthracene
Concen: 0.067 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:228 Resp: 4840

Ion	Ratio	Lower	Upper
228	100		
226	10.1	23.7	35.5#
229	36.0	17.3	25.9#



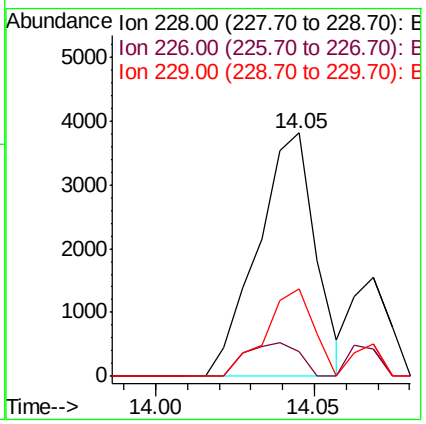


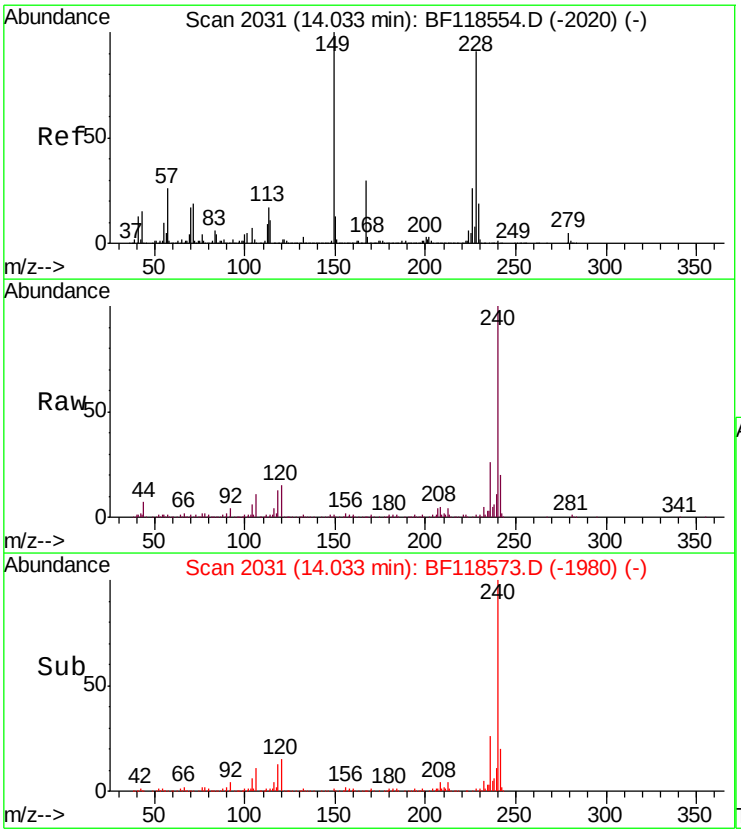
#83
Chrysene
Concen: 0.069 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.04 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:228 Resp: 4840

Ion	Ratio	Lower	Upper
228	100		
226	10.1	28.2	42.2#
229	36.0	18.2	27.2#

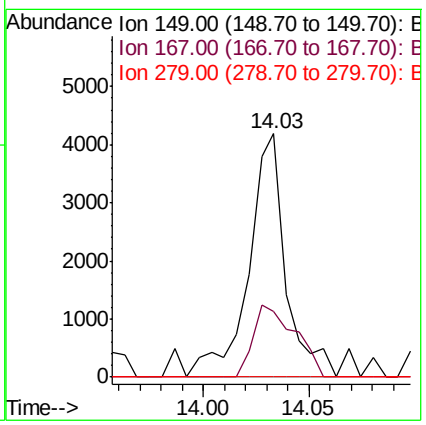


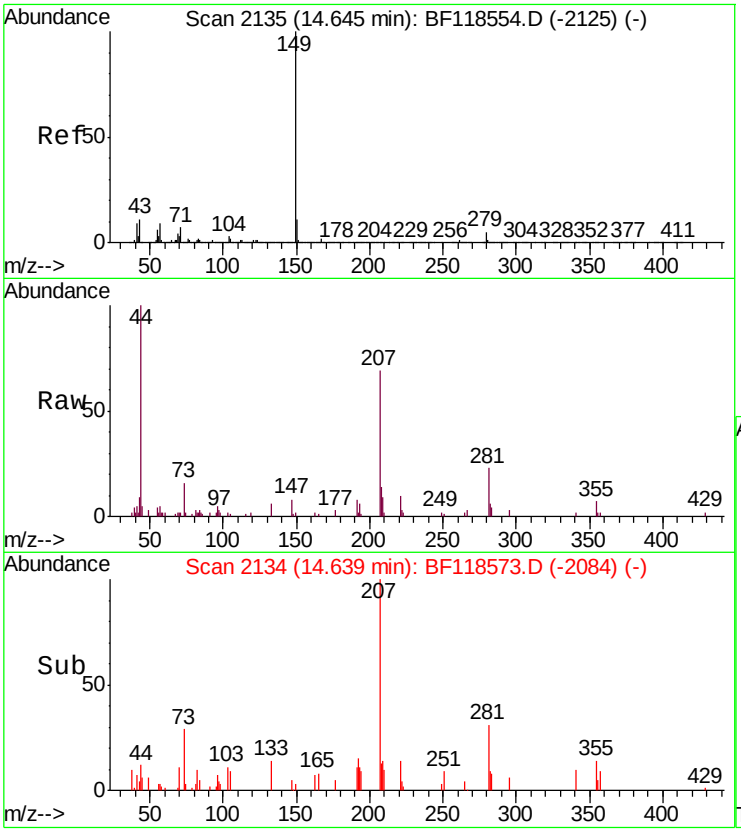


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:149 Resp: 5123

Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.9	35.9
279	0.0	4.2	6.2#



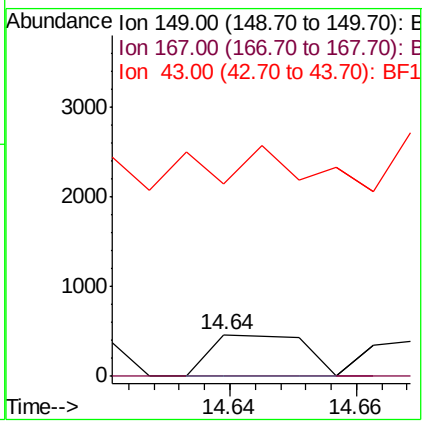


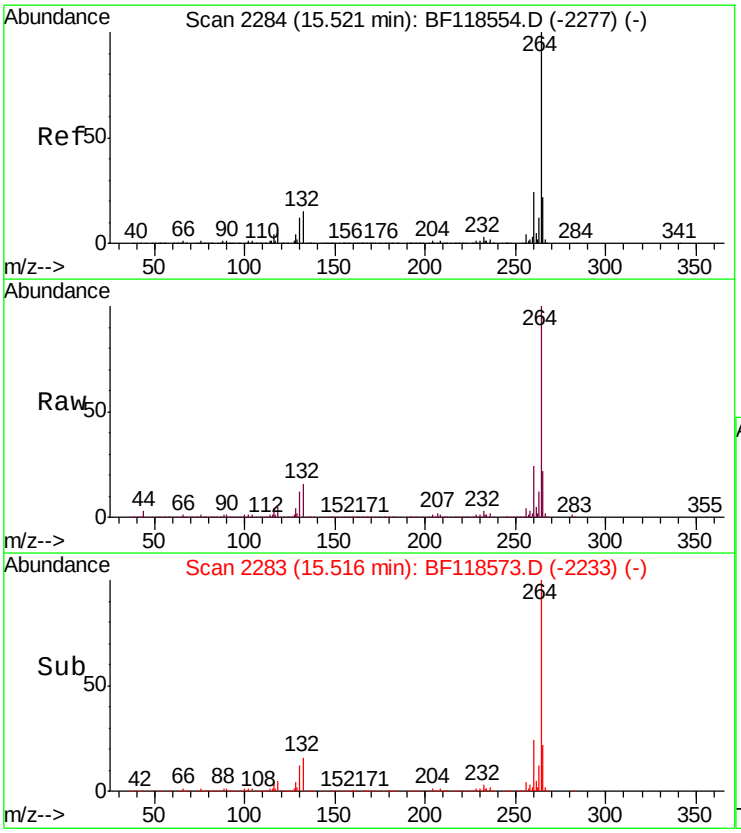
#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:149 Resp: 475

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

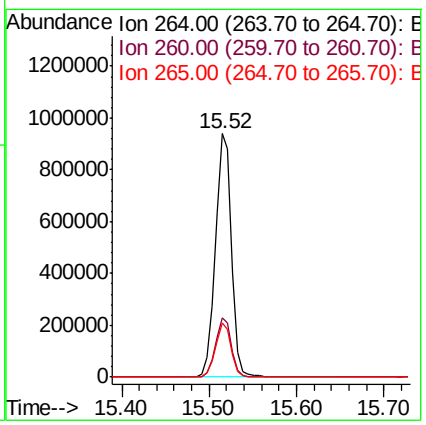


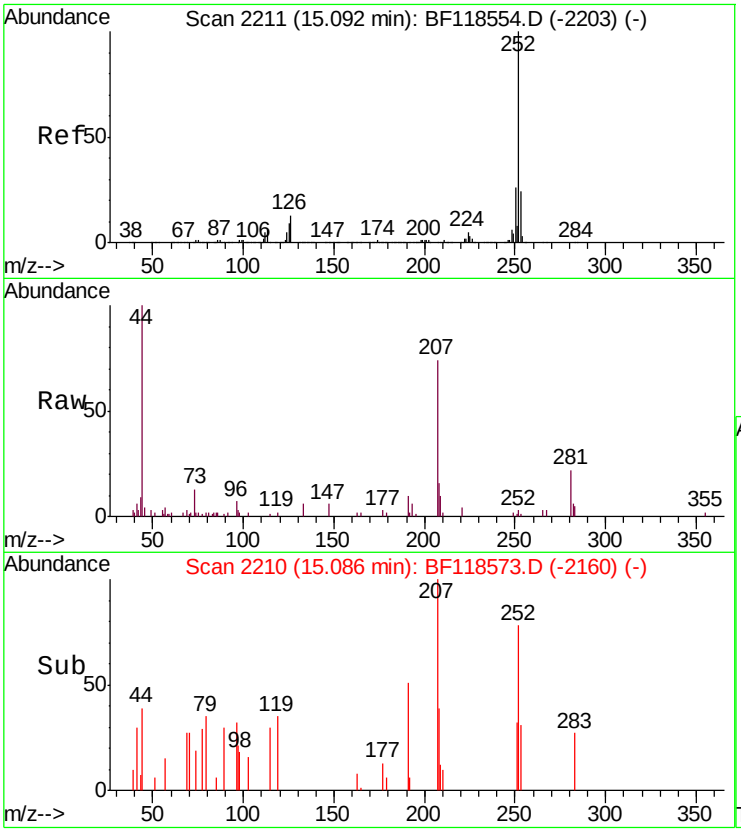


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:264 Resp: 1194712

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.3	17.6	26.4



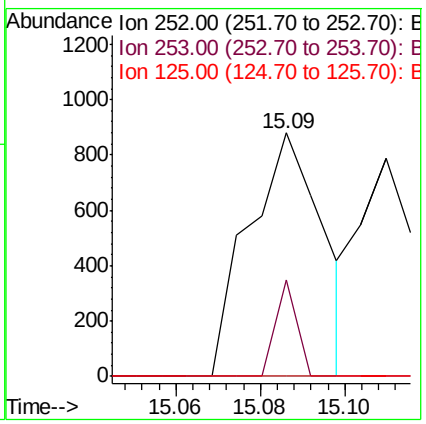


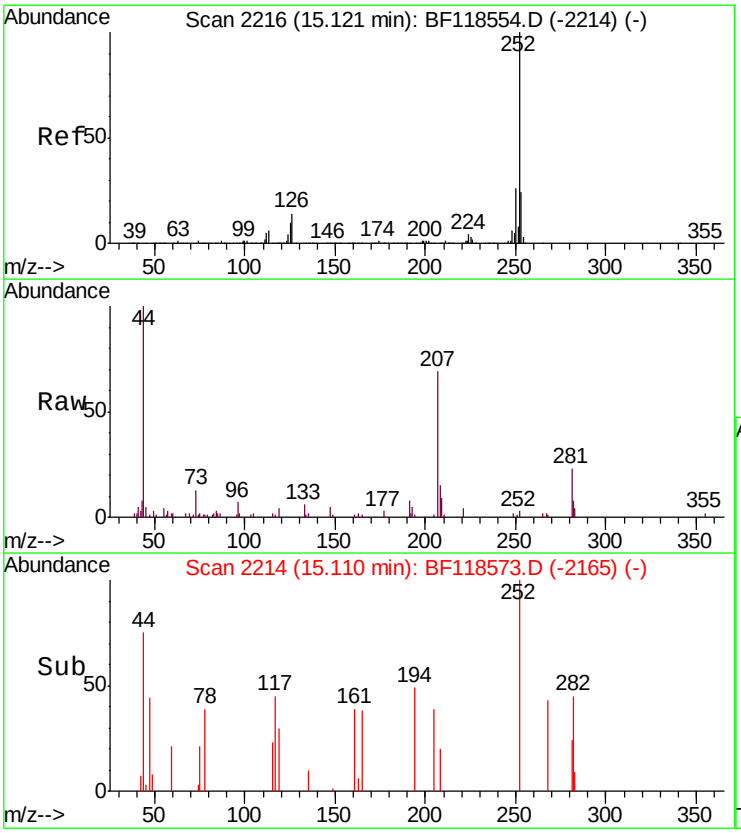
#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:252 Resp: 1073

Ion	Ratio	Lower	Upper
252	100		
253	39.7	19.1	28.7#
125	0.0	7.5	11.3#

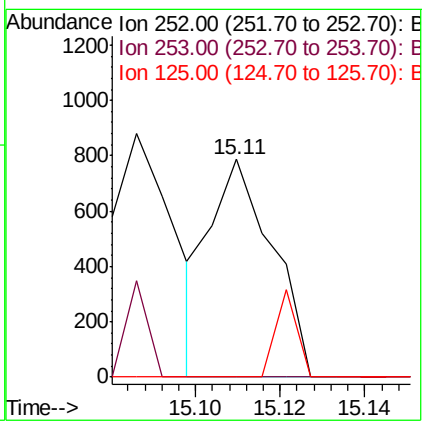


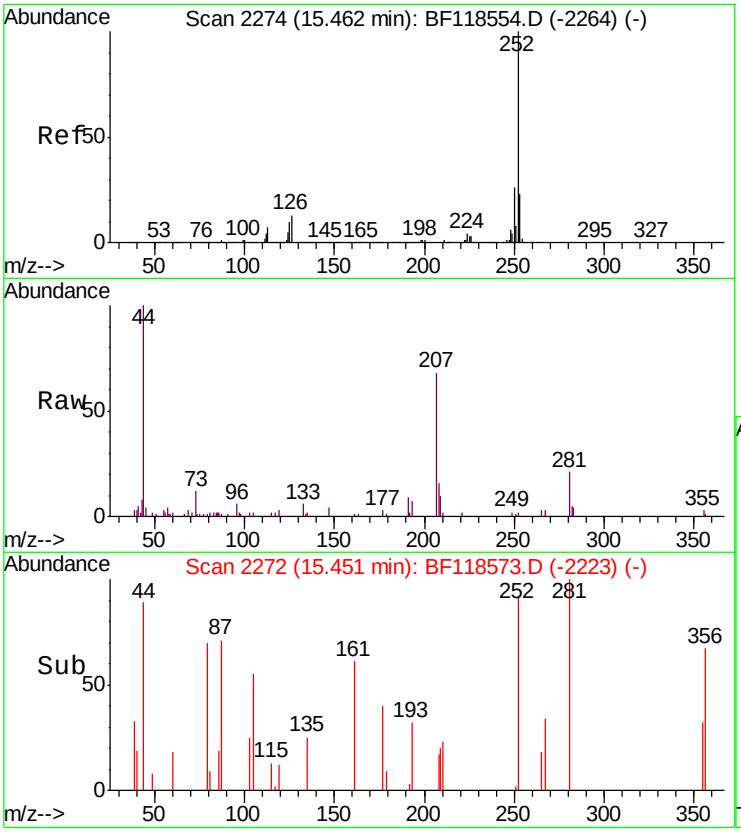


#89
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:252 Resp: 799

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	0.0	7.8	11.8#





#90
Benzo(a)pyrene
Concen: 0.008 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:252 Resp: 532

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