Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118973.D
Acq On : 20 Feb 2020 22:12
Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 02:12:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	208886	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	785631	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	418675	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	706473	20.00	ng		0.00
76) Chrysene-d12	13.90	240	497944	20.00	ng		0.00
87) Perylene-d12	15.33	264	496113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1274299	101.95	ng		0.01
7) Phenol-d6	6.40	99	1564281	102.90	ng		0.00
23) Nitrobenzene-d5	7.32	82	1035418	69.59	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	515232	94.07	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1744690	61.39	ng		0.00
79) Terphenyl-d14	12.86	244	1641215	56.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	347	0.062	ng	#	73
6) Aniline	6.41	93	619	0.033	ng	#	1
9) Benzaldehyde	6.31	77	109	0.011	ng	#	1
10) Phenol	6.41	94	15030	0.914	ng	#	14
11) bis(2-Chloroethyl)ether	6.41	93	619	0.049	ng	#	1
12) 1,3-Dichlorobenzene	6.77	146	465	0.029	ng	#	1
13) 1,4-Dichlorobenzene	6.77	146	465	0.029	ng	#	37
14) 1,2-Dichlorobenzene	6.77	146	465	0.032	ng	#	42
15) Benzyl Alcohol	6.92	79	17802	1.620	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	7.29	45	109	0.010	ng	#	52
17) 2-Methylphenol	6.91	107	388	0.035	ng	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	143790	16.233	ng	#	76
20) 3+4-Methylphenols	6.91	107	388	0.029	ng	#	1
22) Acetophenone	7.17	105	589	0.032	ng	#	53
24) Nitrobenzene	7.32	77	3420	0.232	ng	#	29
25) Isophorone	7.32	82	1032326	39.949	ng	#	63
28) bis(2-Chloroethoxy)methane	8.04	93	117	0.007	ng	#	1
31) Naphthalene	8.06	128	2684	0.066	ng	#	80
32) Benzoic acid	8.04	122	154	6.697	ng	#	1
33) 4-Chloroaniline	8.06	127	310	0.018	ng	#	23
37) 2-Methylnaphthalene	8.85	142	1251	0.046	ng		88
38) 1-Methylnaphthalene	8.85	142	1251	0.049	ng	#	90
46) 1,1'-Biphenyl	9.22	154	5623	0.166	ng		93
47) 2-Chloronaphthalene	9.50	162	139	0.005	ng	#	1
48) 2-Nitroaniline	9.23	65	126	0.017	ng	#	1
49) Acenaphthylene	9.65	152	6428	0.163	ng		98
50) Dimethylphthalate	9.50	163	97461	3.044	ng		99
51) 2,6-Dinitrotoluene	9.79	165	54131	7.610	ng	#	30
52) Acenaphthene	9.82	154	3138	0.132	ng		96
55) Dibenzofuran	10.00	168	1419	0.040	ng	#	74
56) 4-Nitrophenol	9.99	139	553	0.117	ng	#	10
57) 2,4-Dinitrotoluene	9.79	165	54131	5.871	ng	#	29
58) Fluorene	10.34	166	3194	0.116	ng	#	88
60) Diethylphthalate	10.21	149	647	0.021	ng	#	58

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118973.D
Acq On : 20 Feb 2020 22:12
Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 02:12:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) 4-Chlorophenyl-phenylether	10.13	204	117	0.008	ng	#	27
63) Azobenzene	10.50	77	741	0.028	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.58	198	1028	0.240	ng	#	1
66) n-Nitrosodiphenylamine	10.45	169	545	0.024	ng	#	82
67) 4-Bromophenyl-phenylether	10.58	248	33185	3.594	ng	#	1
71) Phenanthrene	11.29	178	46915	1.218	ng		99
72) Anthracene	11.35	178	9117	0.237	ng		98
73) Carbazole	11.50	167	5445	0.159	ng		97
74) Di-n-butylphthalate	11.83	149	5735	0.138	ng	#	91
75) Fluoranthene	12.48	202	72893	1.782	ng		99
77) Benzidine	12.86	184	20618	1.018	ng	#	93
78) Pyrene	12.71	202	71721	1.794	ng		98
80) Butylbenzylphthalate	13.33	149	1457	0.087	ng	#	88
81) Benzo(a)anthracene	13.89	228	33870	0.998	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	423	0.032	ng	#	1
83) Chrysene	13.89	228	33870	1.002	ng		95
84) Bis(2-ethylhexyl)phthalate	13.89	149	8214	0.386	ng		94
85) Di-n-octyl phthalate	14.49	149	1038	0.031	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.73	276	17651	0.539	ng		98
88) Benzo(b)fluoranthene	14.93	252	54593	1.669	ng	#	94
89) Benzo(k)fluoranthene	14.93	252	54593	1.801	ng	#	93
90) Benzo(a)pyrene	15.27	252	28760	0.974	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	5654	0.218	ng	#	73
92) Benzo(g,h,i)perylene	17.15	276	22144	0.863	ng		96

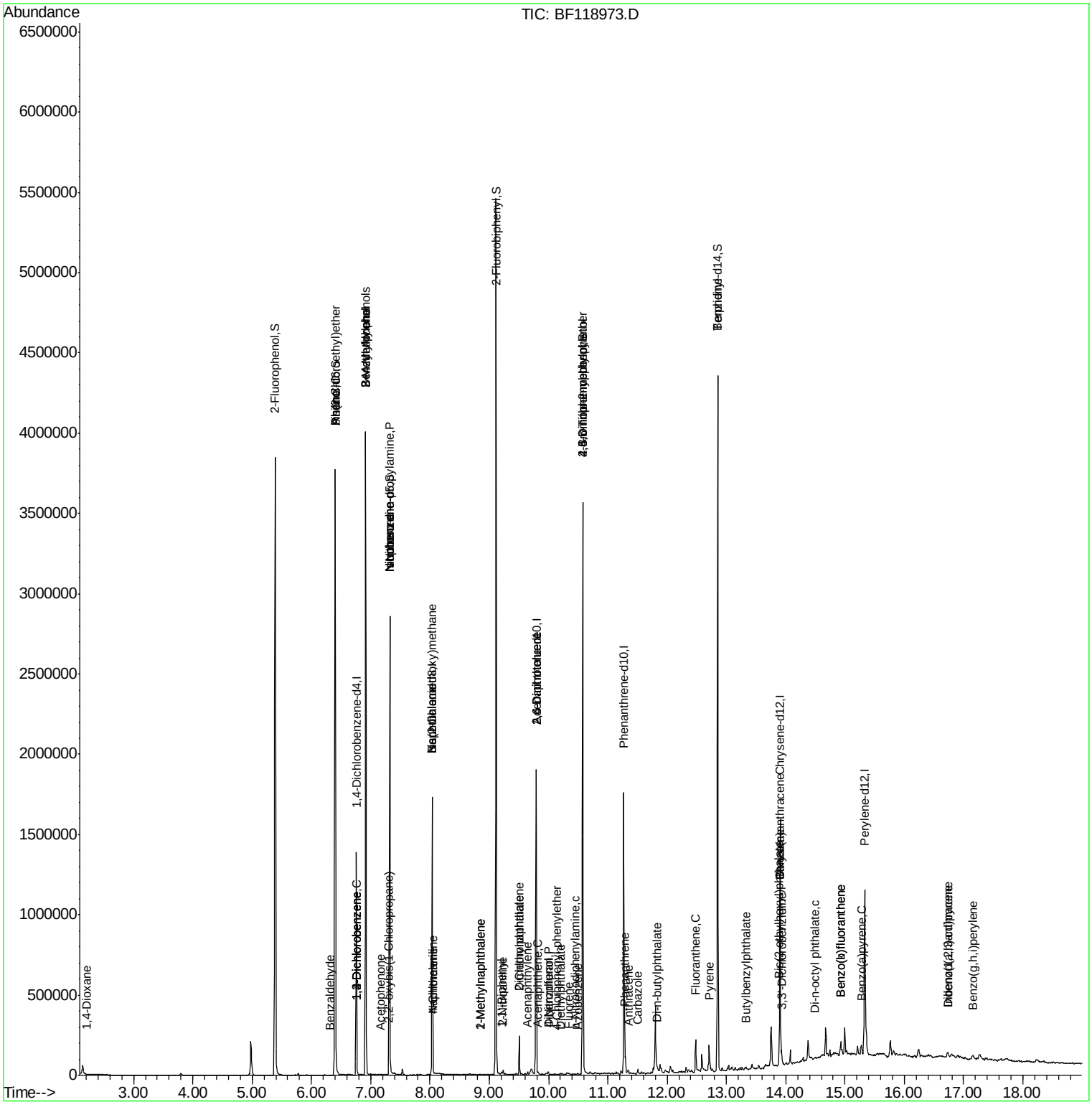
(#) = qualifier out of range (m) = manual integration (+) = signals summed

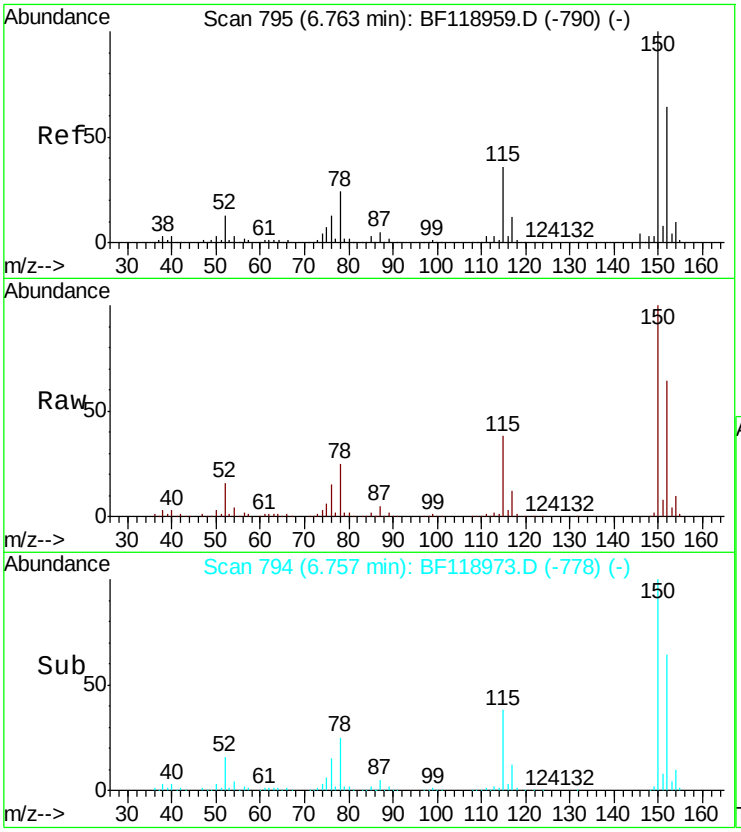
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118973.D
Acq On : 20 Feb 2020 22:12
Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 21 02:12:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



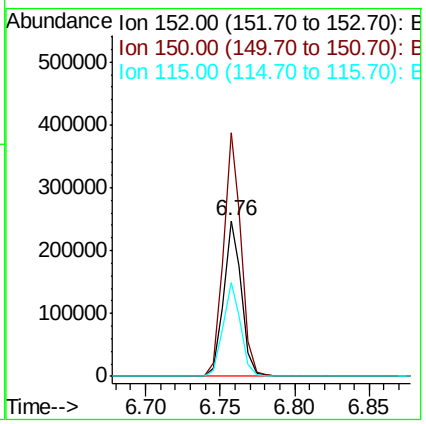


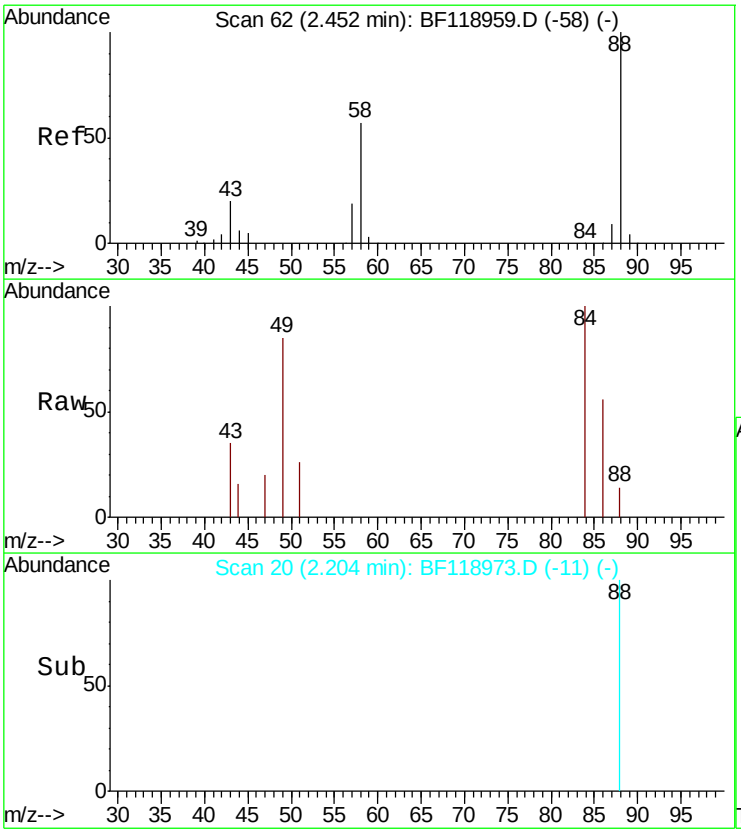
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 208886

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	60.1	44.6	67.0

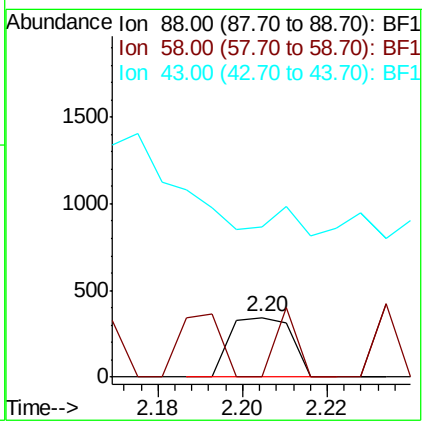


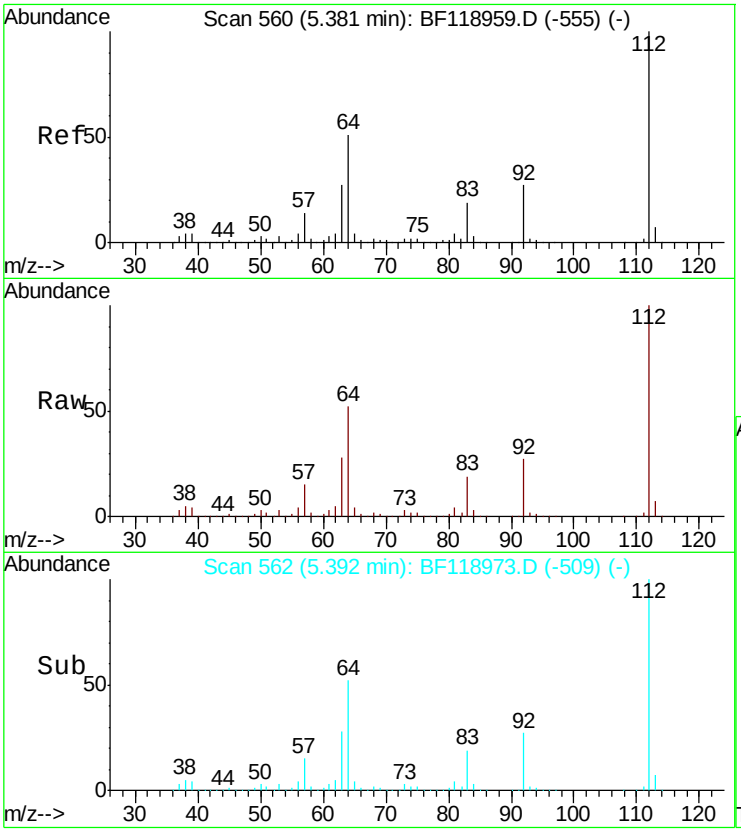


#2
1,4-Dioxane
Concen: 0.062 ng
RT: 2.20 min Scan# 20
Delta R.T. -0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 88 Resp: 347

Ion	Ratio	Lower	Upper
88	100		
58	40.3	44.6	66.8#
43	0.0	16.0	24.0#



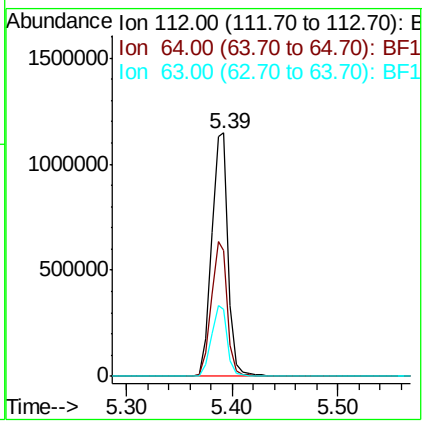


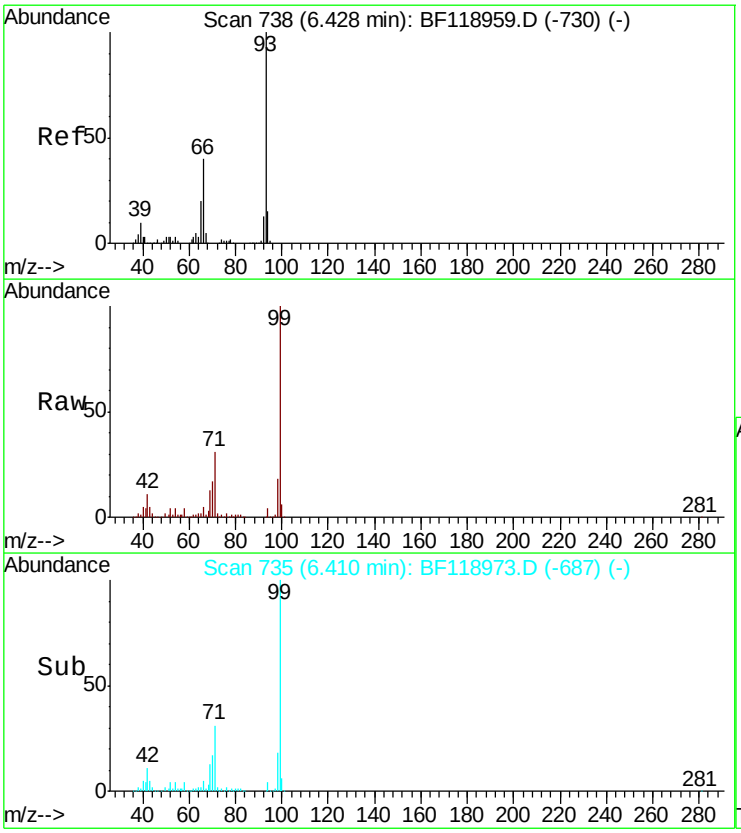
#5
2-Fluorophenol
Concen: 101.949 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1274299

Ion	Ratio	Lower	Upper
112	100		
64	51.7	40.4	60.6
63	27.7	21.3	31.9

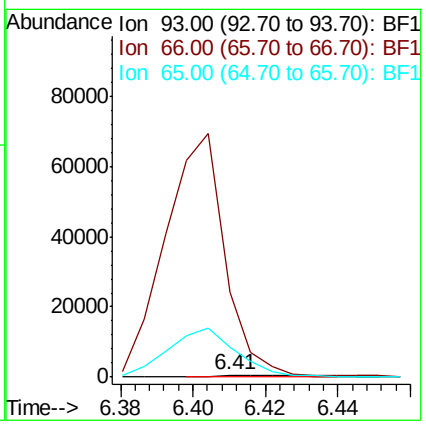


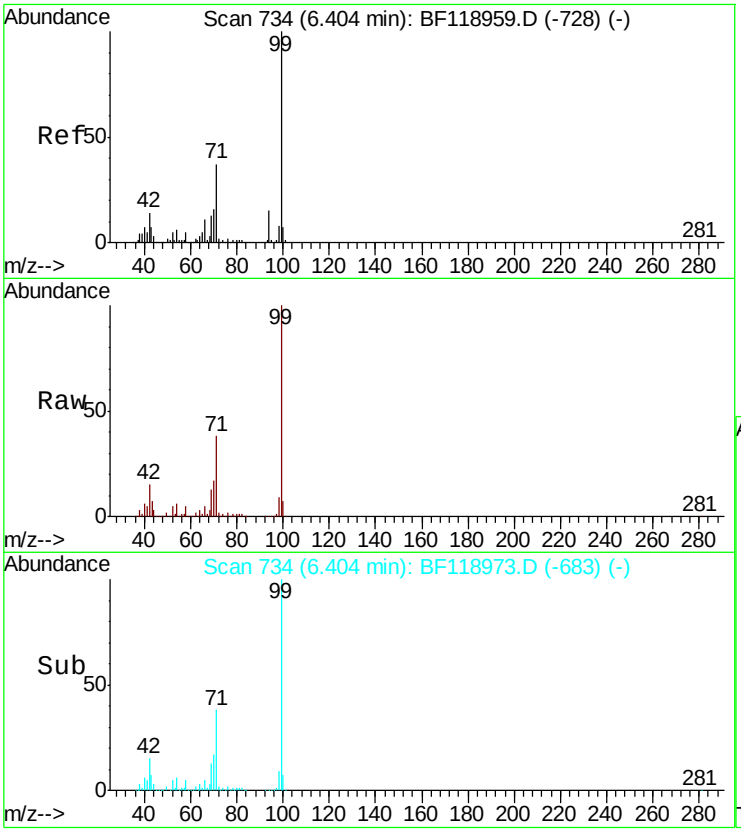


#6
Aniline
Concen: 0.033 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 93 Resp: 619

Ion	Ratio	Lower	Upper
93	100		
66	3927.3	32.2	48.2#
65	1372.1	16.1	24.1#



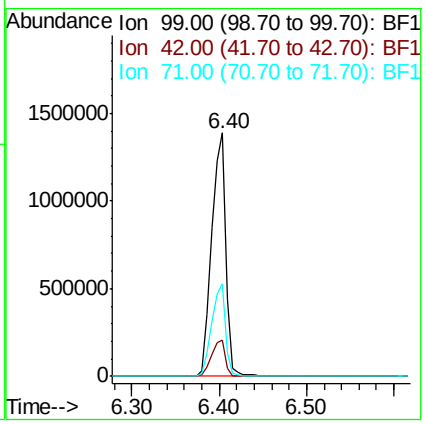


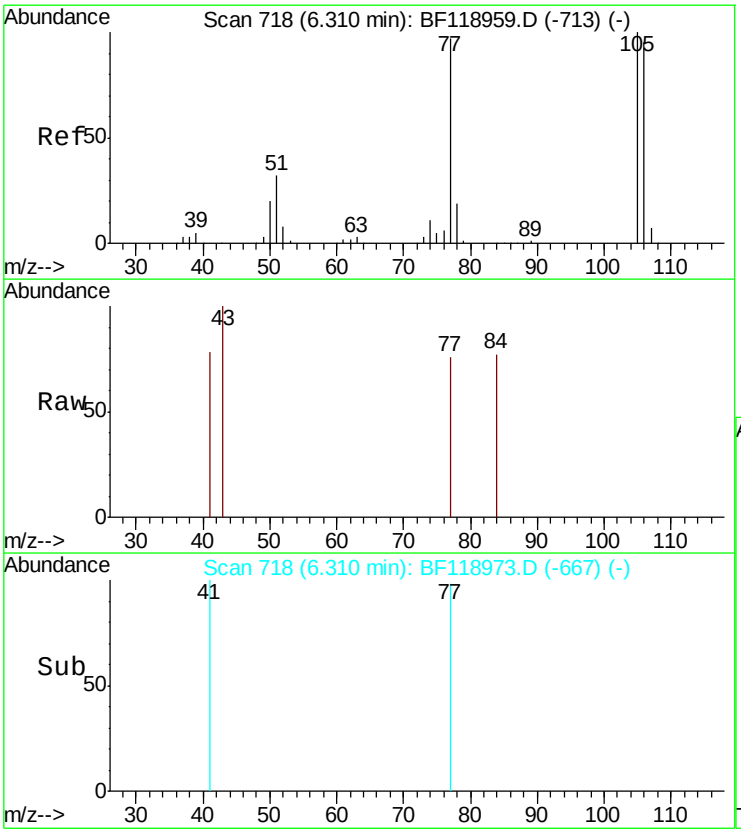
#7
Phenol-d6
Concen: 102.903 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1564281

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.4	17.0
71	38.1	29.8	44.6

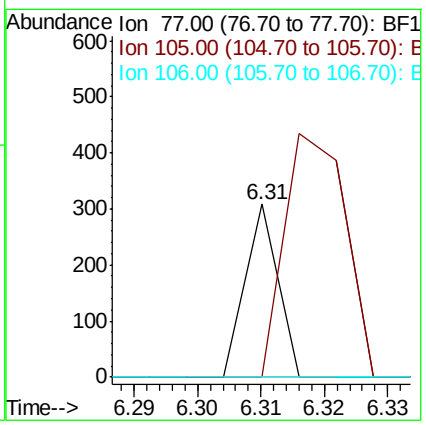


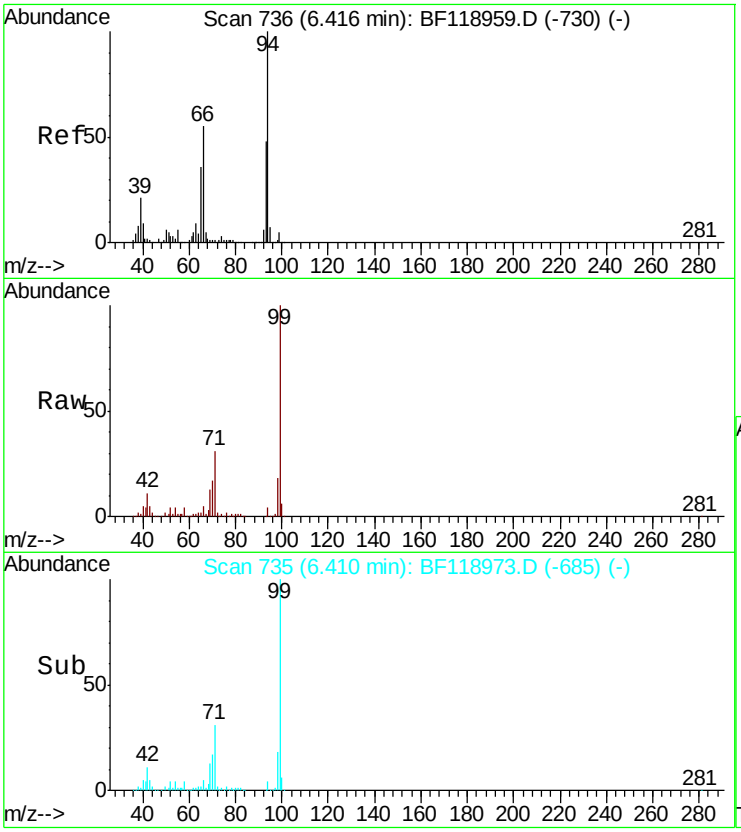


#9
Benzaldehyde
Concen: 0.011 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 77 Resp: 109

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.0	123.0#
106	0.0	78.3	118.3#



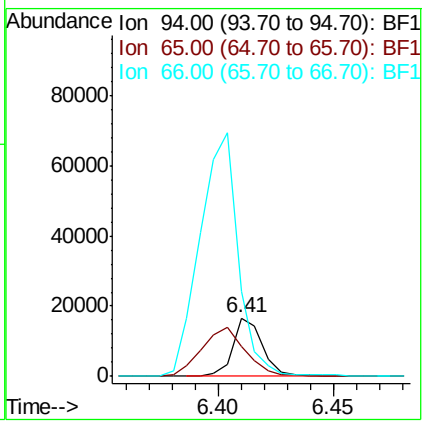


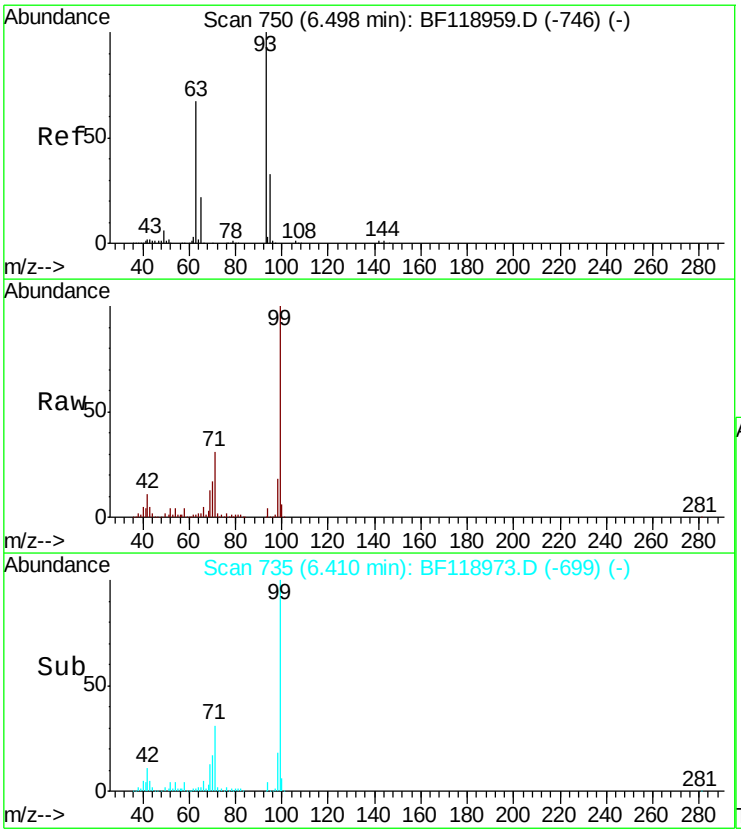
#10
Phenol
Concen: 0.914 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 15030

Ion	Ratio	Lower	Upper
94	100		
65	50.9	15.5	55.5
66	145.7	35.6	75.6#

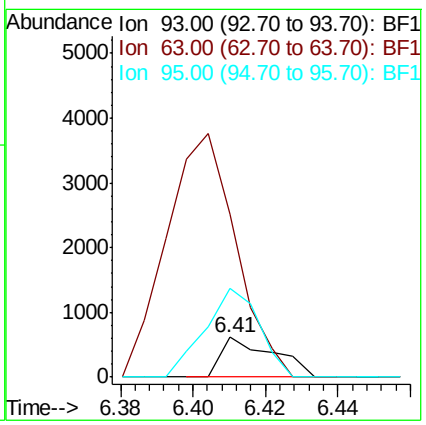


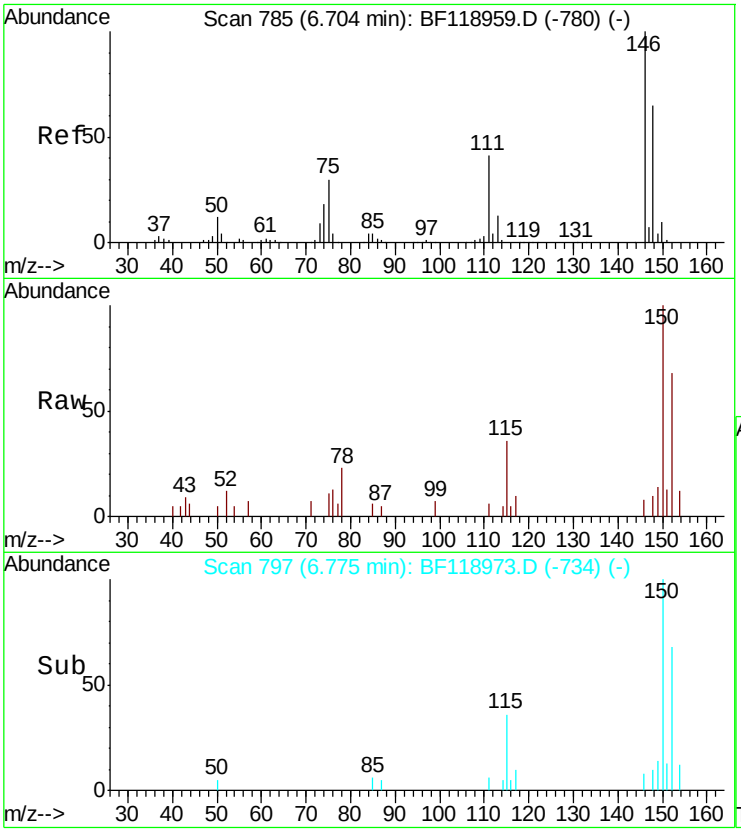


#11
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 93 Resp: 619

Ion	Ratio	Lower	Upper
93	100		
63	410.2	46.8	86.8#
95	221.1	12.7	52.7#



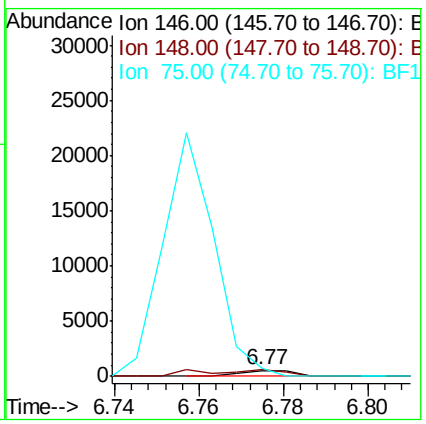


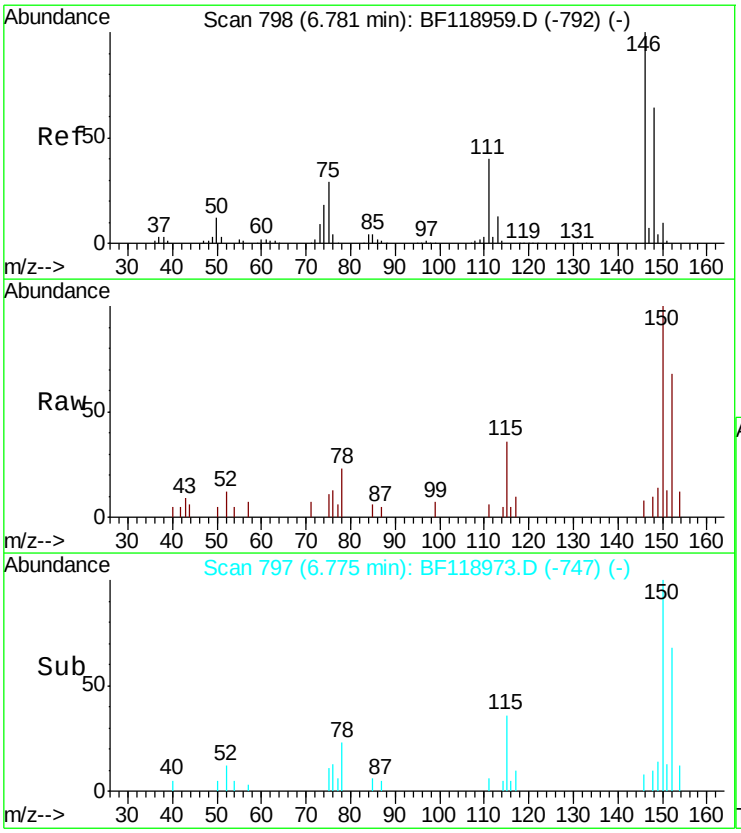
#12
1,3-Dichlorobenzene
Concen: 0.029 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.07 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 465

Ion	Ratio	Lower	Upper
146	100		
148	120.2	51.7	77.5#
75	137.6	23.6	35.4#

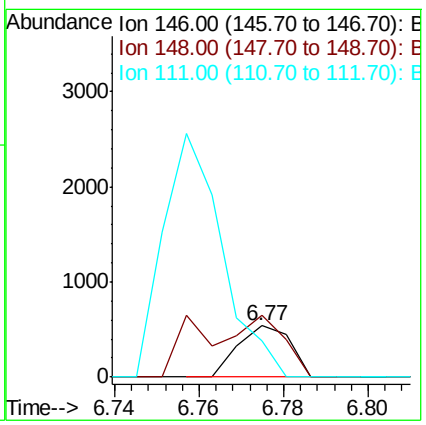


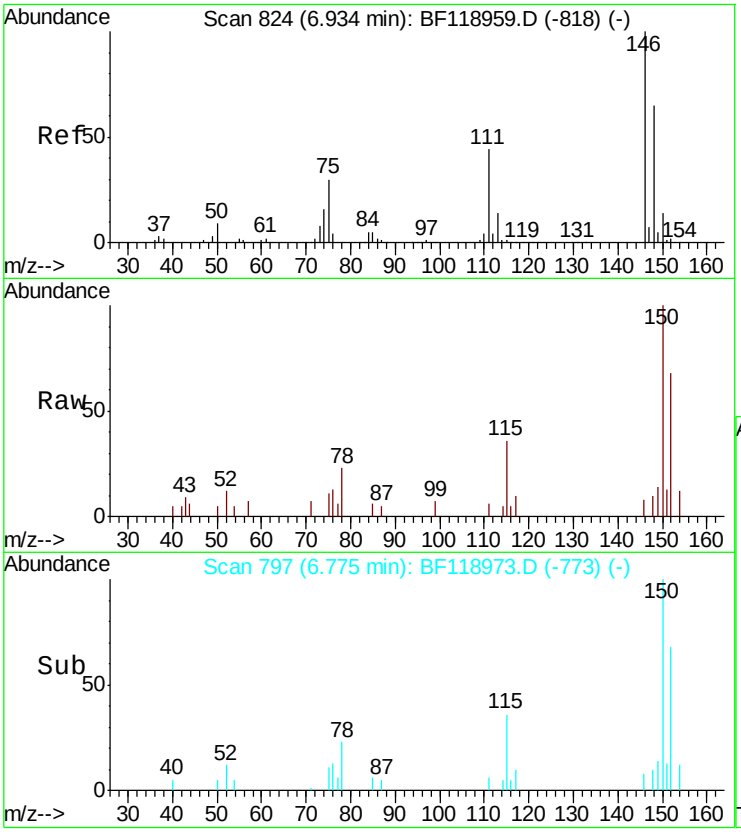


#13
1,4-Dichlorobenzene
Concen: 0.029 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:146 Resp: 465

Ion	Ratio	Lower	Upper
146	100		
148	120.2	51.4	77.2#
111	70.4	31.9	47.9#



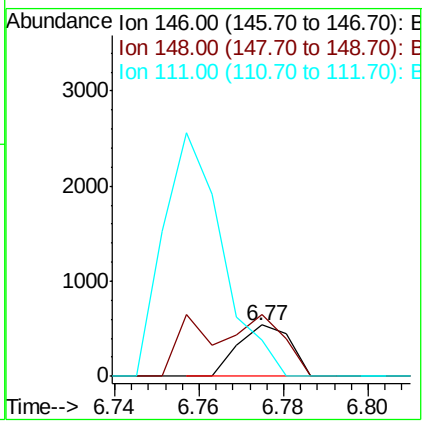


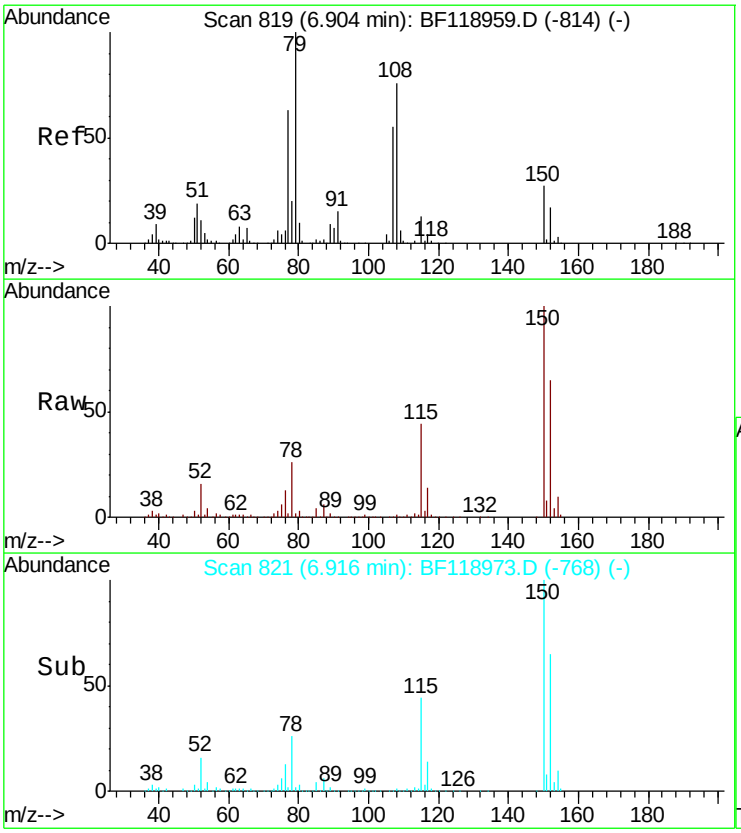
#14
1,2-Dichlorobenzene
Concen: 0.032 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.16 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 465

Ion	Ratio	Lower	Upper
146	100		
148	120.2	52.1	78.1#
111	70.4	35.5	53.3#

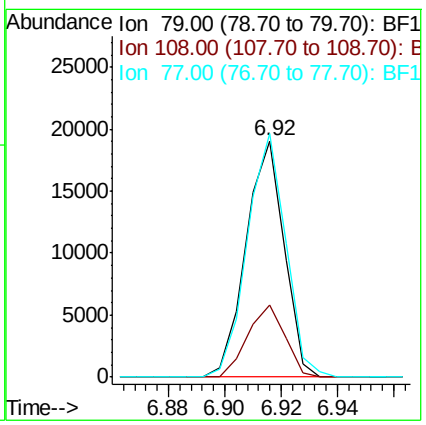


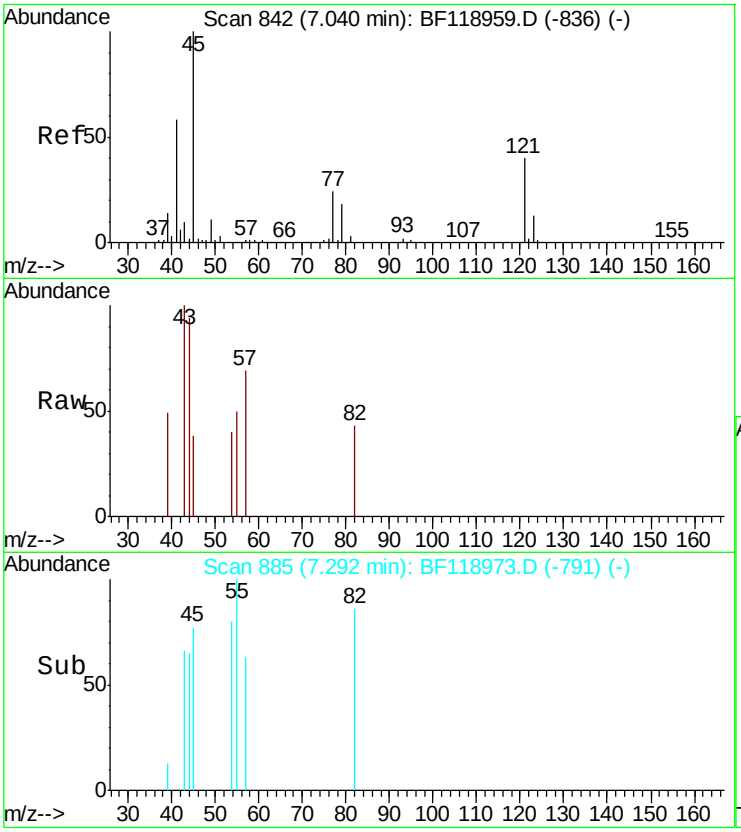


#15
Benzyl Alcohol
Concen: 1.620 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 79 Resp: 17802

Ion	Ratio	Lower	Upper
79	100		
108	30.4	61.1	91.7#
77	102.9	50.2	75.2#



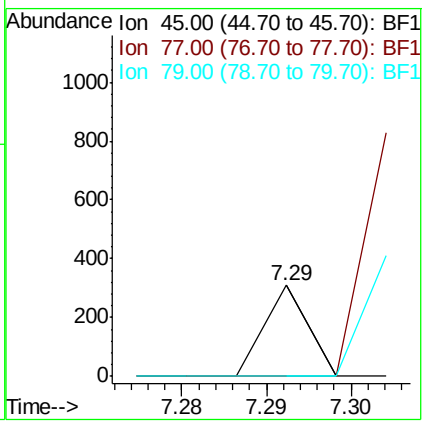


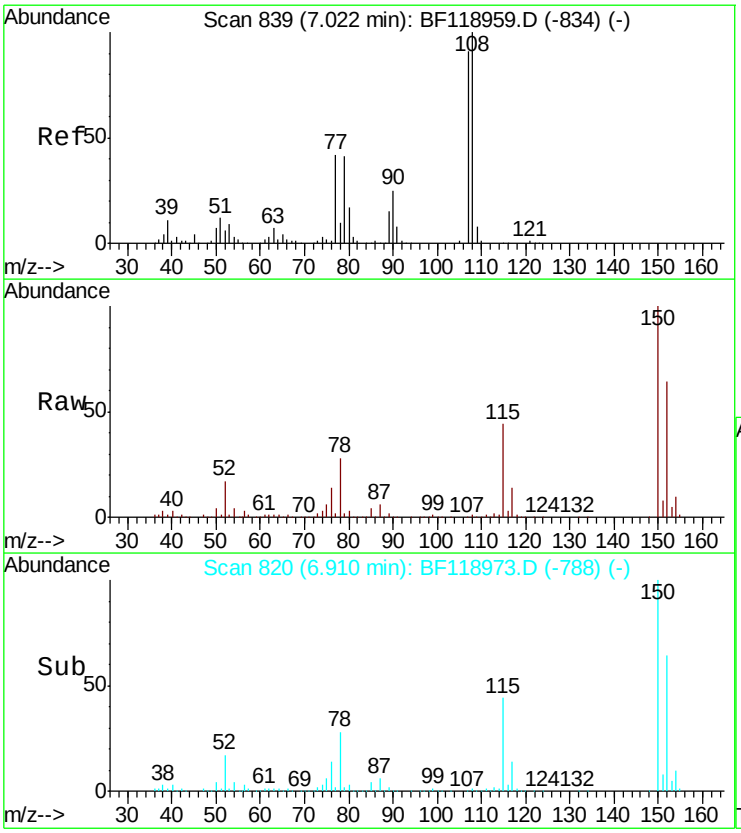
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 109

Ion	Ratio	Lower	Upper
45	100		
77	0.0	6.1	46.1#
79	0.0	0.5	40.5#

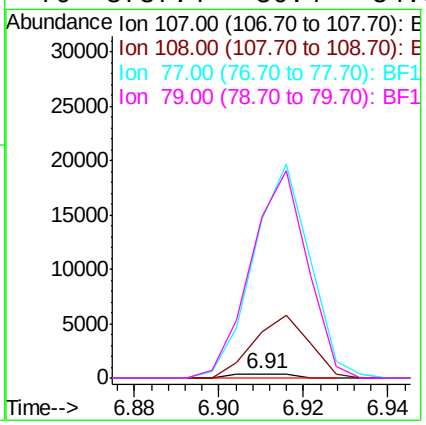


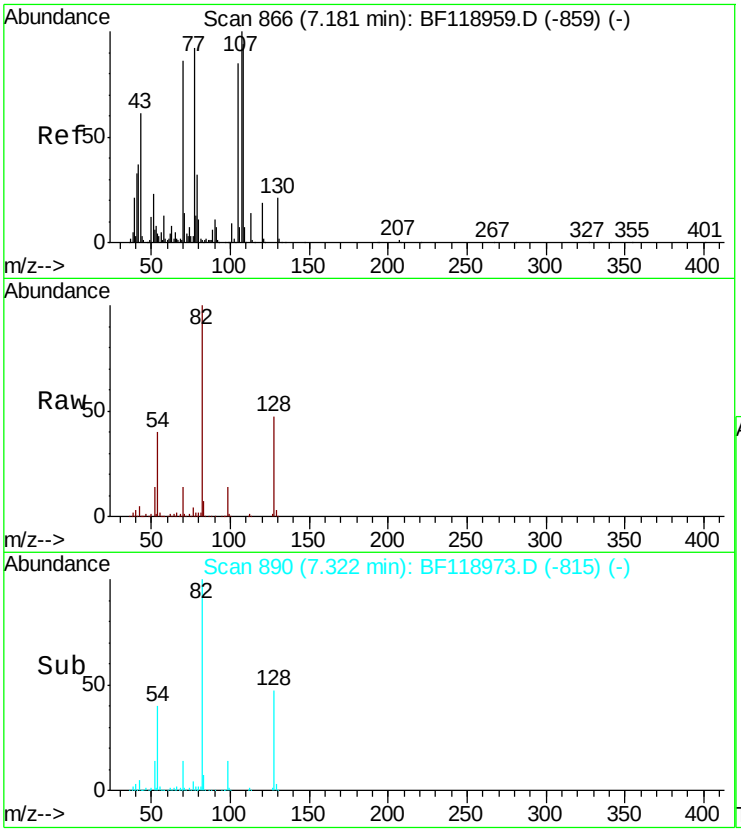


#17
2-Methylphenol
Concen: 0.035 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.11 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:107 Resp: 388

Ion	Ratio	Lower	Upper
107	100		
108	1060.8	87.7	131.5#
77	3656.3	36.8	55.2#
79	3737.4	36.4	54.6#



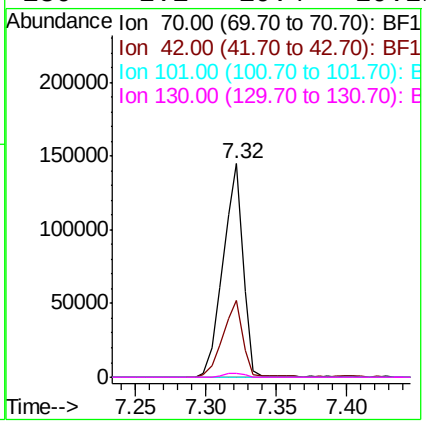


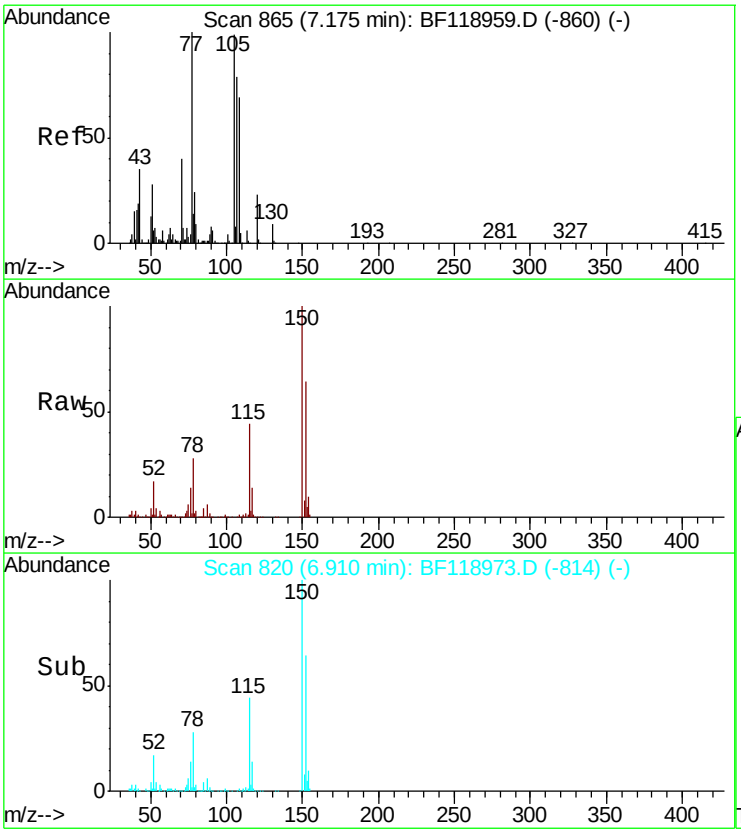
#19
n-Nitroso-di-n-propylamine
Concen: 16.233 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 143790

Ion	Ratio	Lower	Upper
70	100		
42	35.8	34.6	51.8
101	0.0	8.1	12.1#
130	2.1	19.4	29.2#

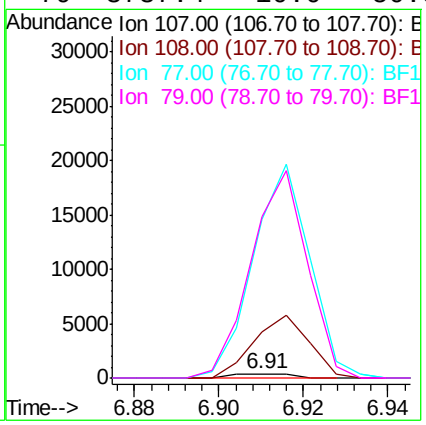


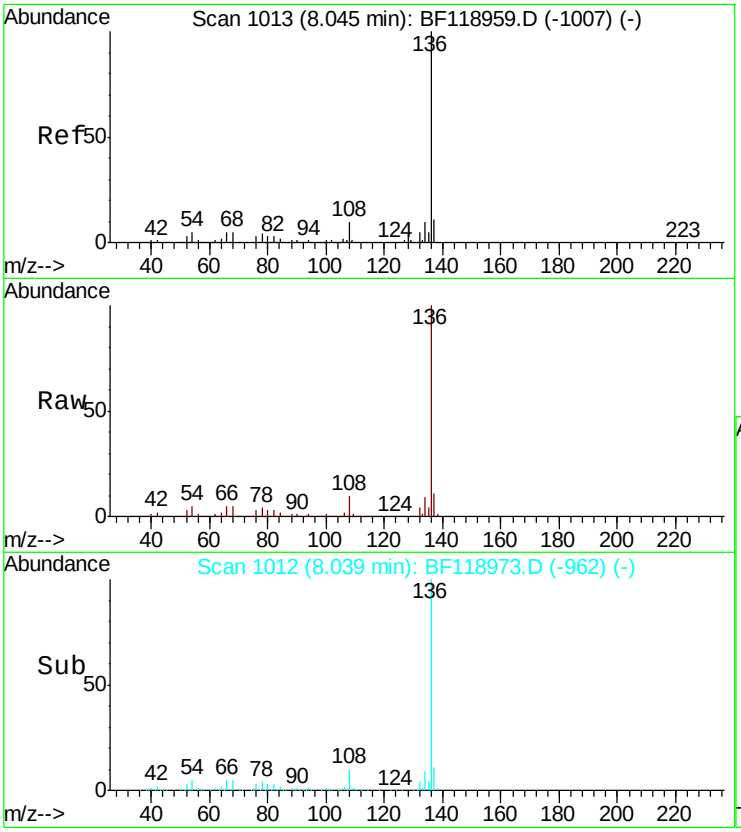


#20
3+4-Methylphenols
Concen: 0.029 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.26 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:107 Resp: 388

Ion	Ratio	Lower	Upper
107	100		
108	1060.8	67.0	107.0#
77	3656.3	106.2	146.2#
79	3737.4	10.0	50.0#



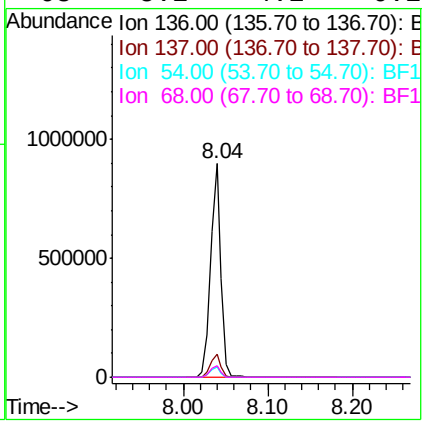


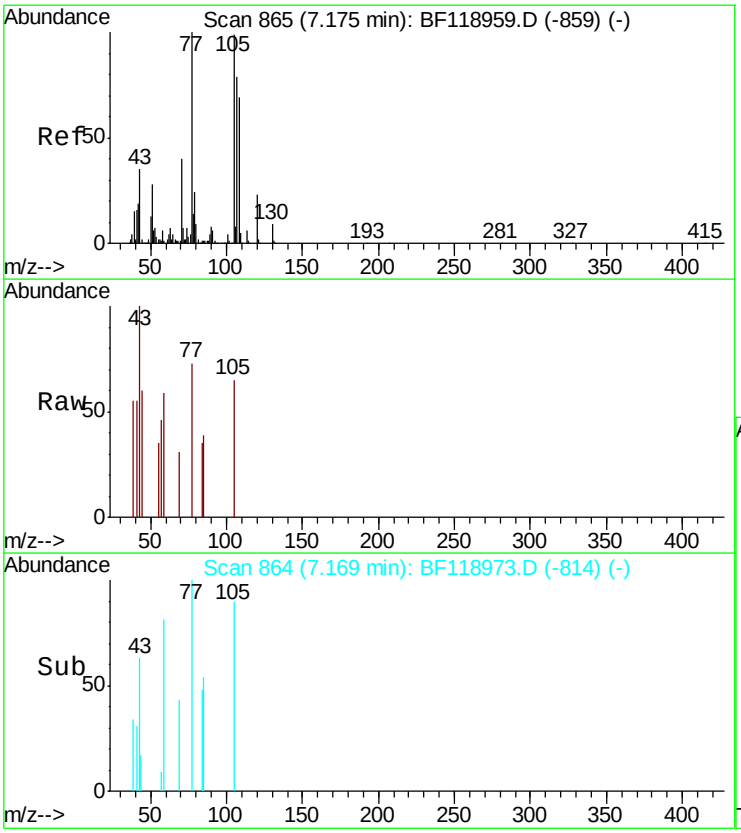
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 785631

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.0	3.8	5.6
68	5.2	4.2	6.2

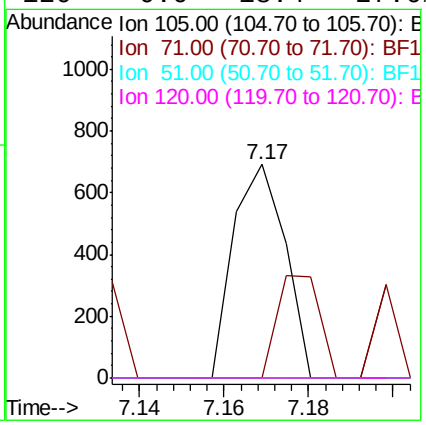


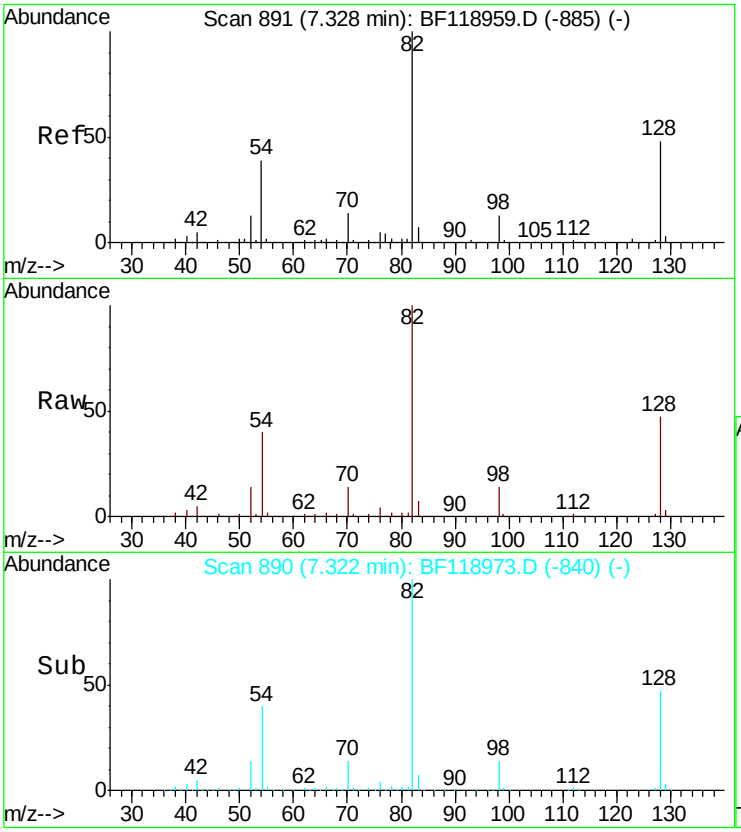


#22
Acetophenone
Concen: 0.032 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:105 Resp: 589

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.4	8.0#
51	0.0	22.5	33.7#
120	0.0	18.4	27.6#



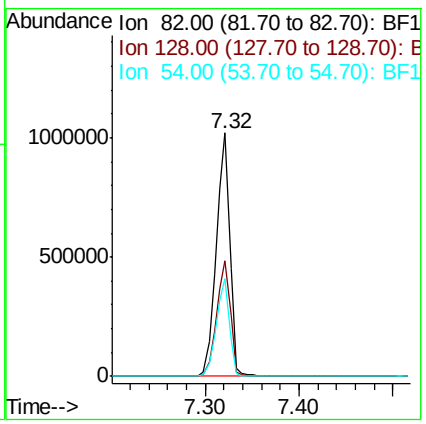


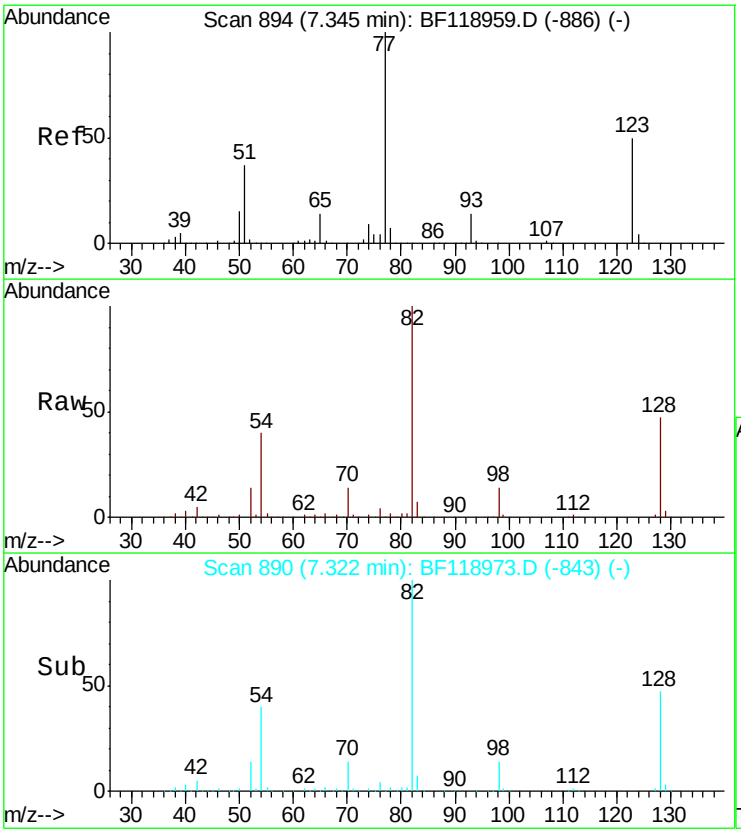
#23
Nitrobenzene-d5
Concen: 69.587 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1035418

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.2
54	40.1	31.3	46.9

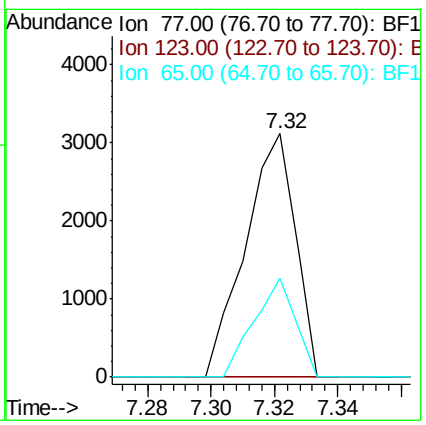


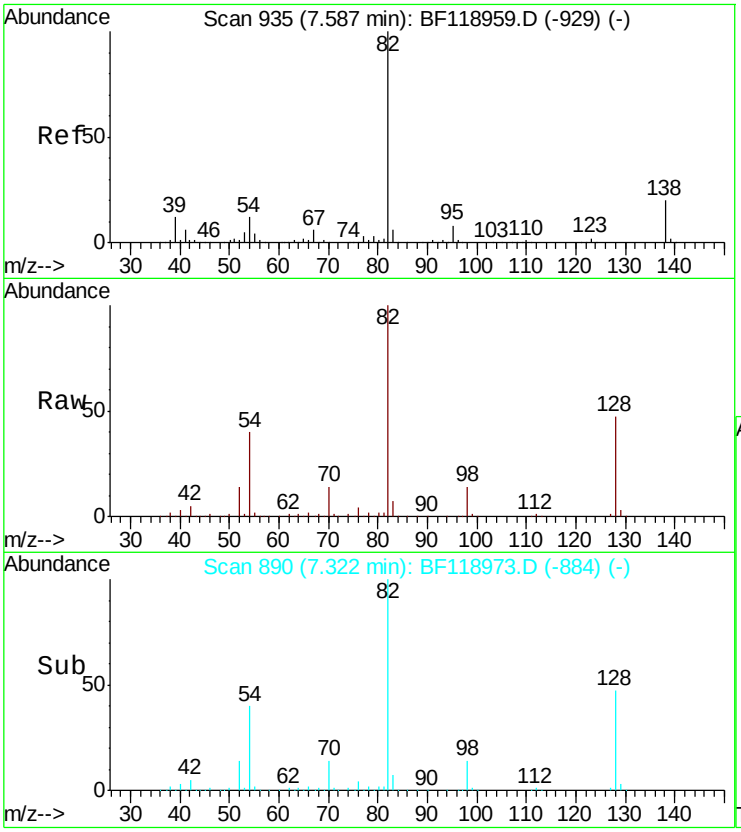


#24
Nitrobenzene
Concen: 0.232 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 77 Resp: 3420

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	40.4	10.9	16.3#



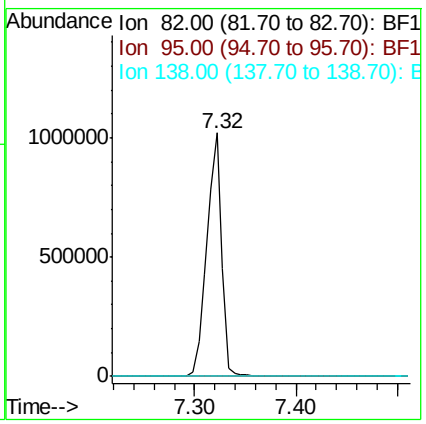


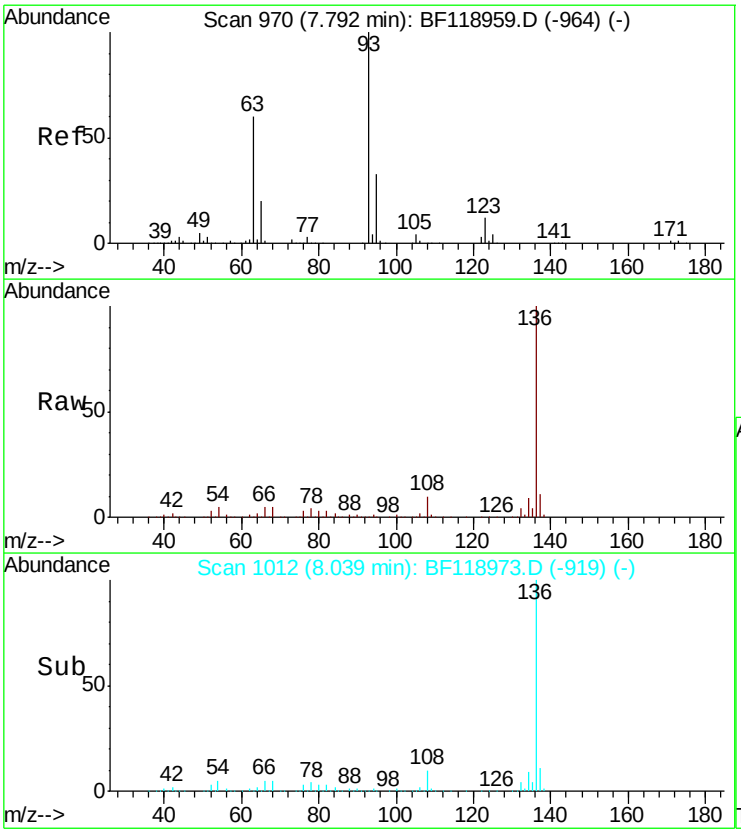
#25
Isophorone
Concen: 39.949 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1032326

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.8	23.6#

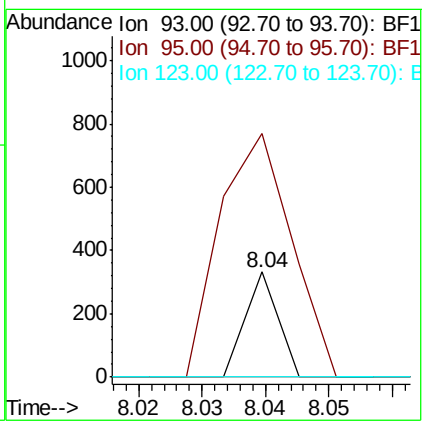


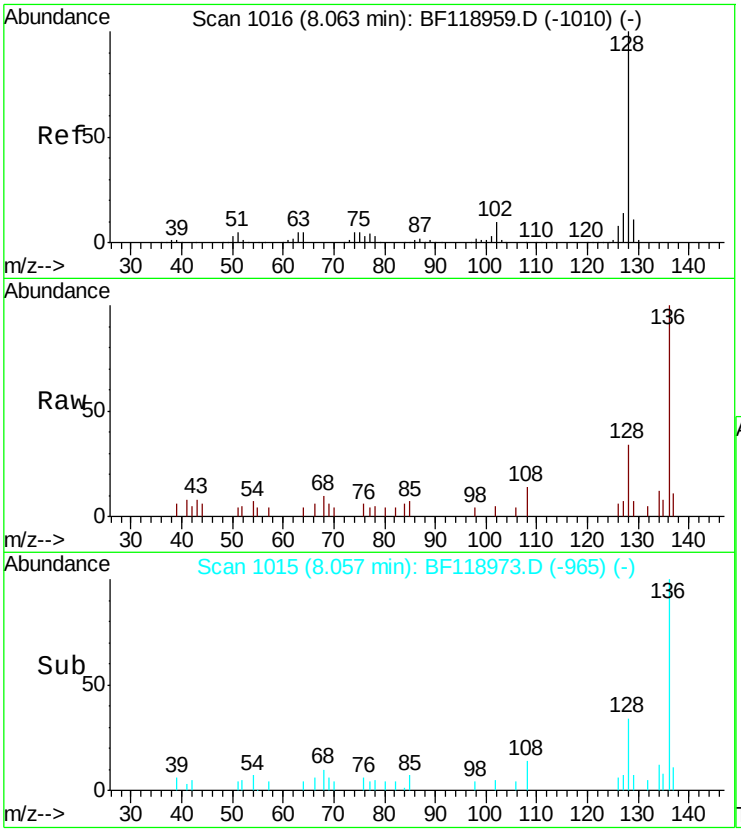


#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 93 Resp: 117

Ion	Ratio	Lower	Upper
93	100		
95	232.3	26.3	39.5#
123	0.0	9.8	14.8#



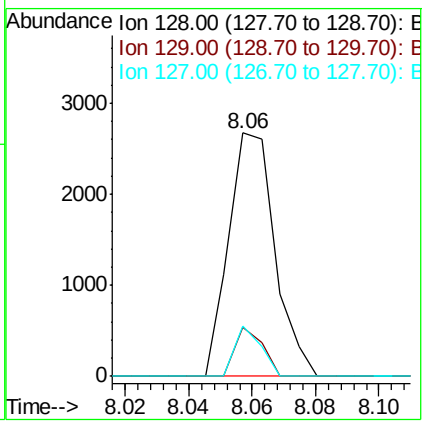


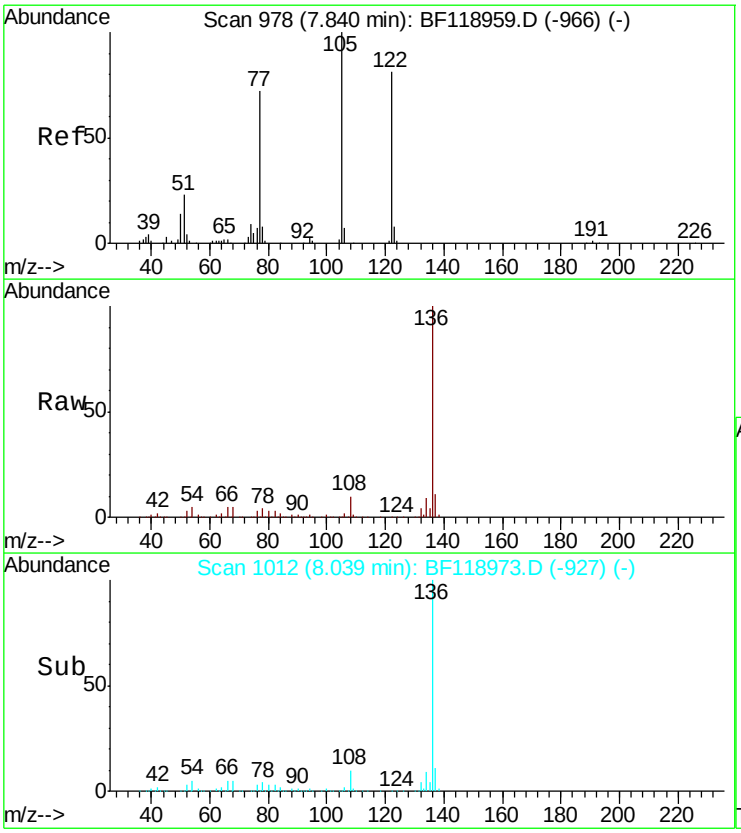
#31
Naphthalene
Concen: 0.066 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 2684

Ion	Ratio	Lower	Upper
128	100		
129	20.4	9.0	13.4#
127	20.6	10.9	16.3#

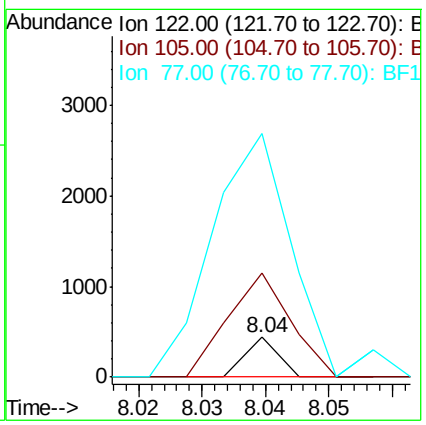


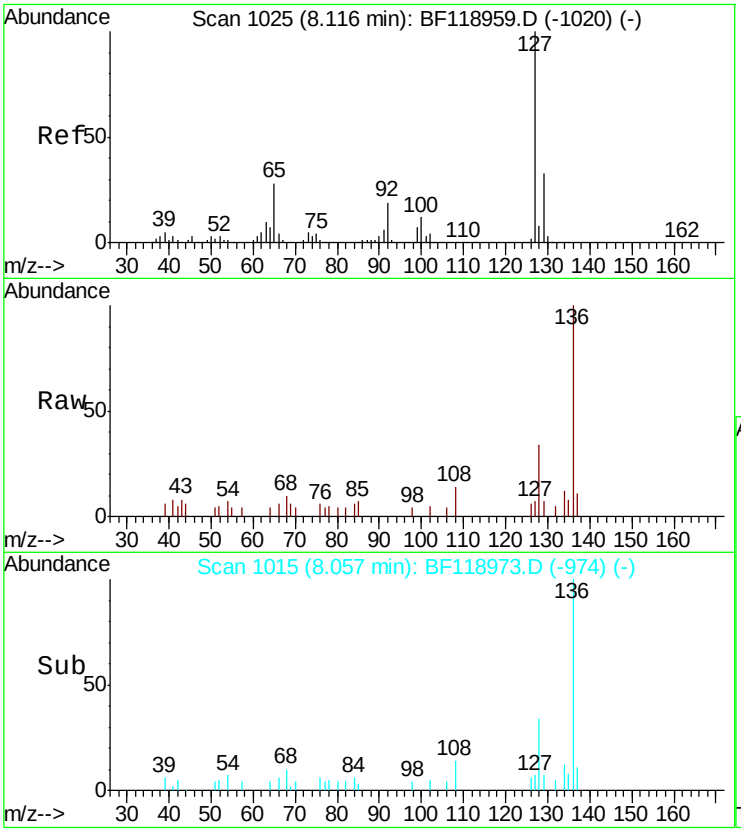


#32
Benzoic acid
Concen: 6.697 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.20 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:122 Resp: 154

Ion	Ratio	Lower	Upper
122	100		
105	262.2	102.2	142.2#
77	615.1	68.6	108.6#



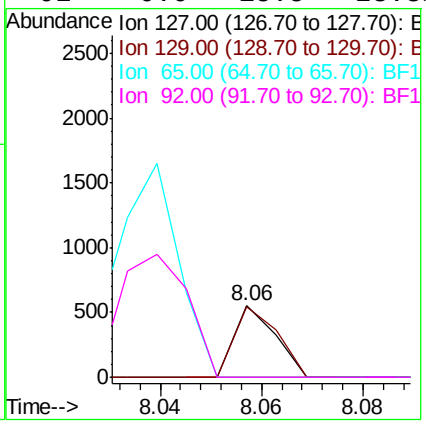


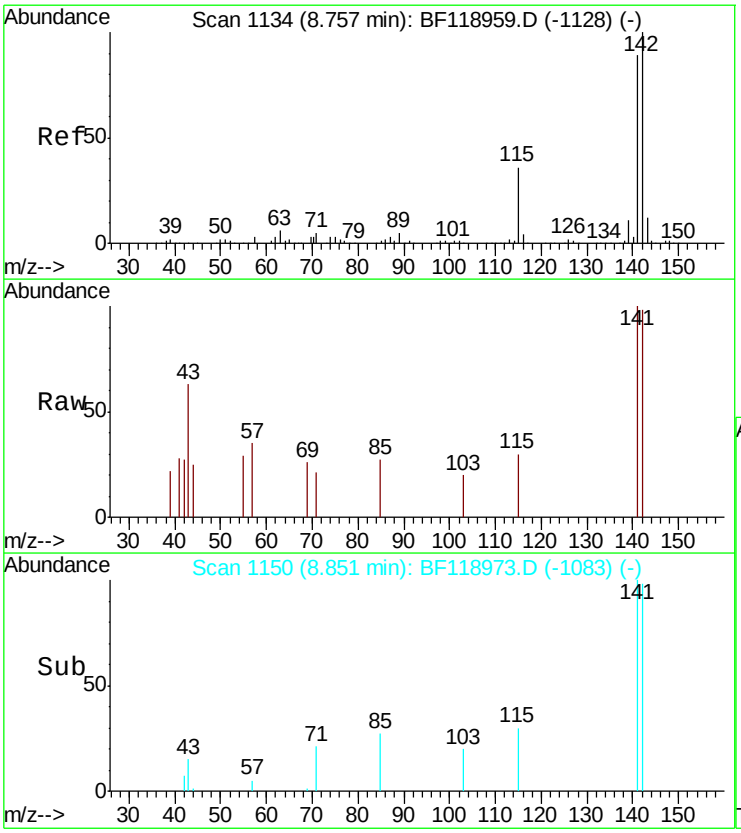
#33
4-Chloroaniline
Concen: 0.018 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 310

Ion	Ratio	Lower	Upper
127	100		
129	98.7	26.2	39.2#
65	0.0	22.0	33.0#
92	0.0	15.5	23.3#

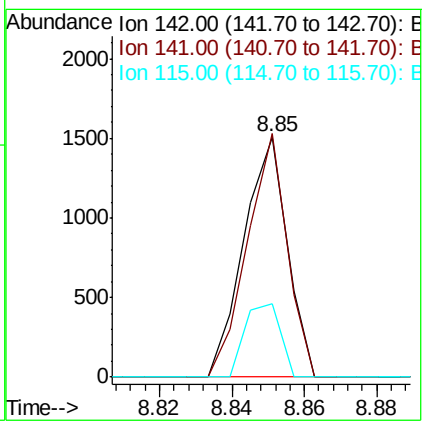


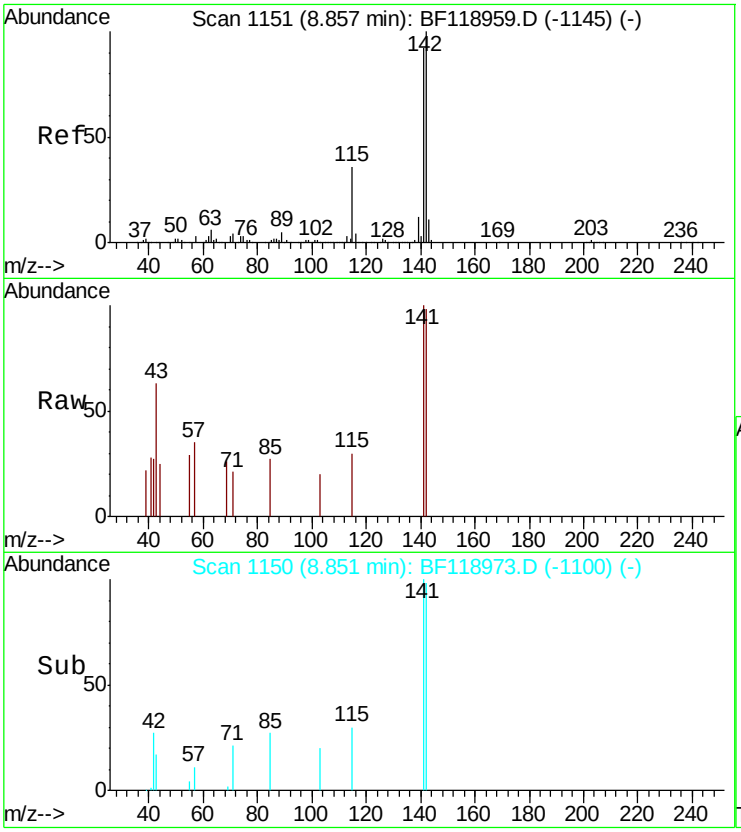


#37
2-Methylnaphthalene
Concen: 0.046 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.09 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:142 Resp: 1251

Ion	Ratio	Lower	Upper
142	100		
141	101.5	71.0	106.4
115	30.7	28.6	42.8



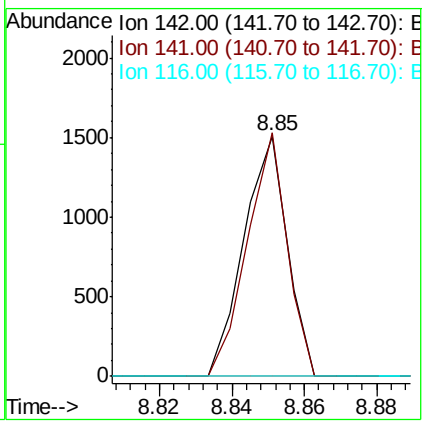


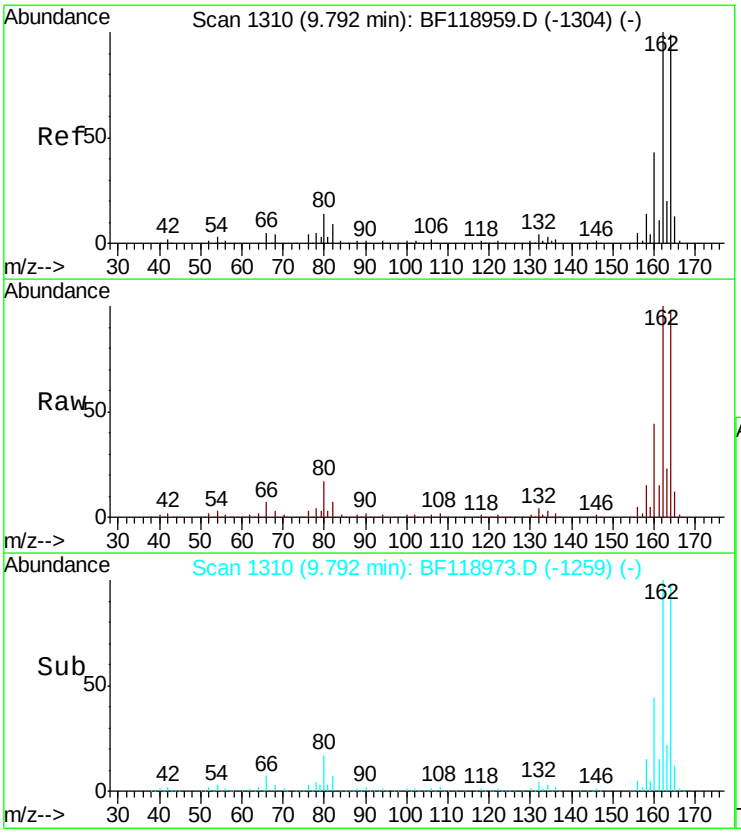
#38
1-Methylnaphthalene
Concen: 0.049 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1251

Ion	Ratio	Lower	Upper
142	100		
141	101.5	73.7	110.5
116	0.0	3.0	4.6#

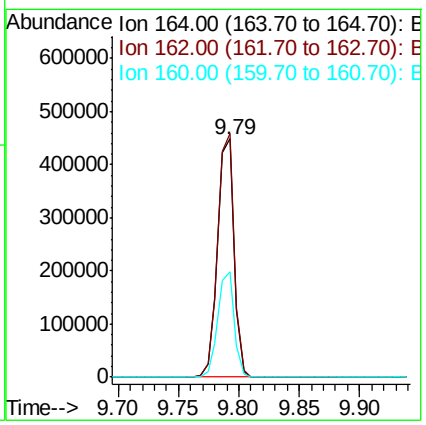


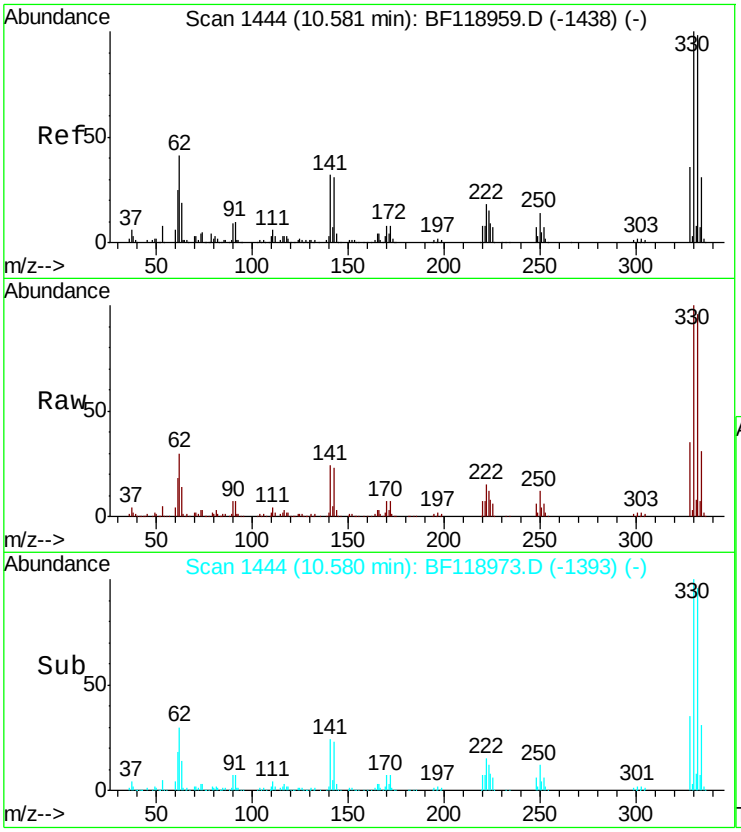


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:164 Resp: 418675

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	44.5	35.2	52.8



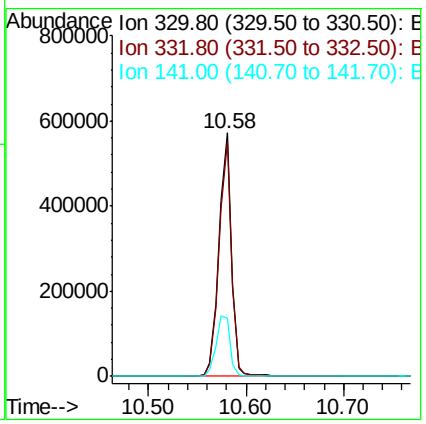


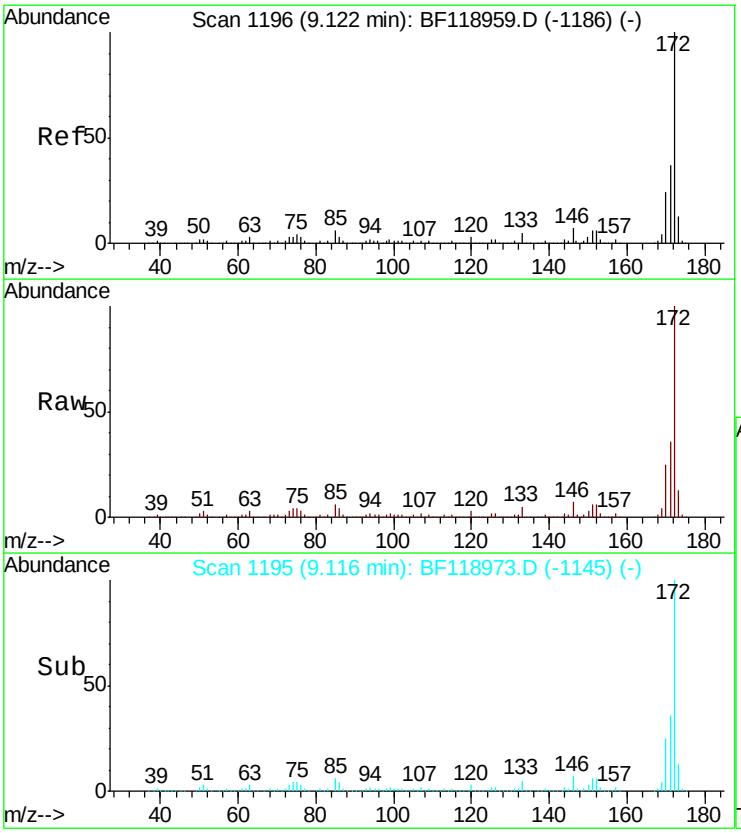
#42
2,4,6-Tribromophenol
Concen: 94.072 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 515232

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	28.2	23.0	34.6

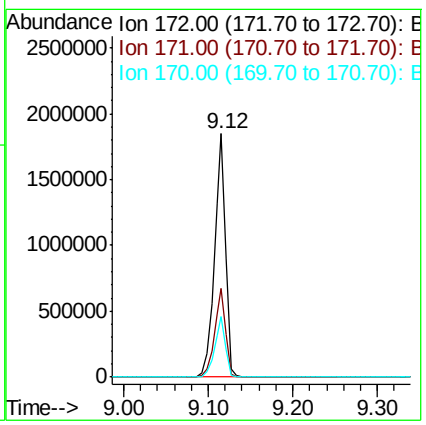


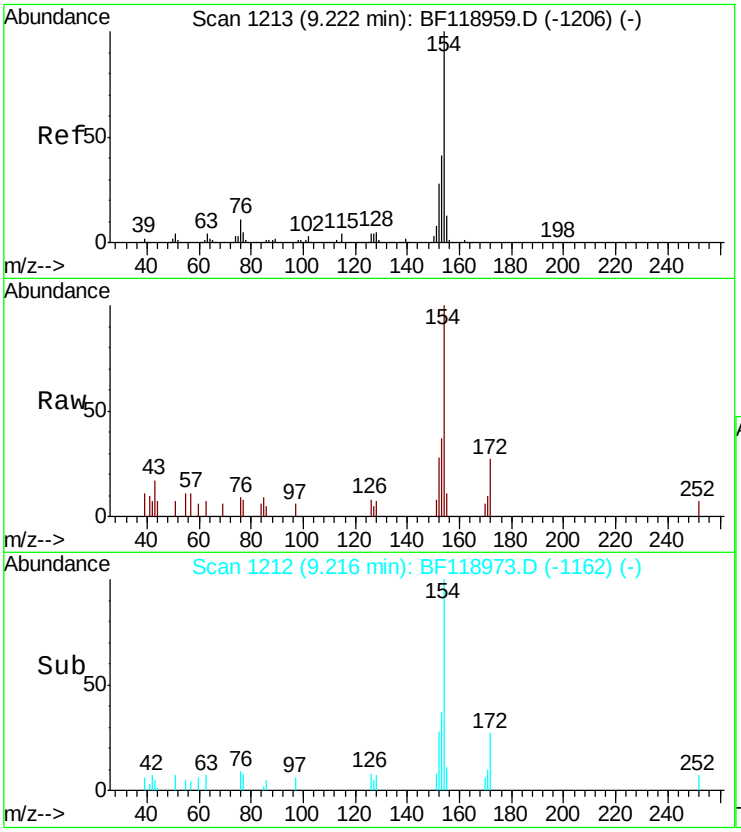


#45
2-Fluorobiphenyl
Concen: 61.390 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:172 Resp: 1744690

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.7	19.6	29.4



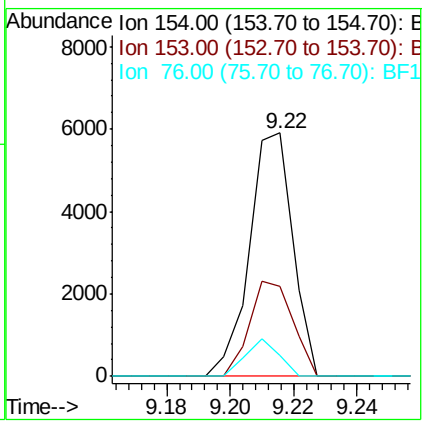


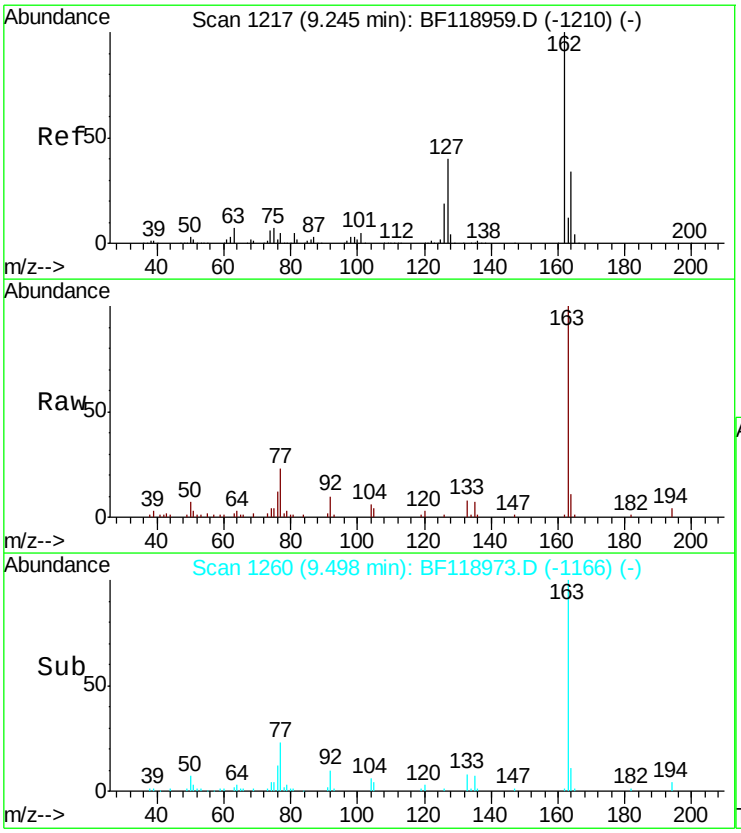
#46
1,1'-Biphenyl
Concen: 0.166 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 5623

Ion	Ratio	Lower	Upper
154	100		
153	37.0	21.2	61.2
76	8.5	0.0	31.1

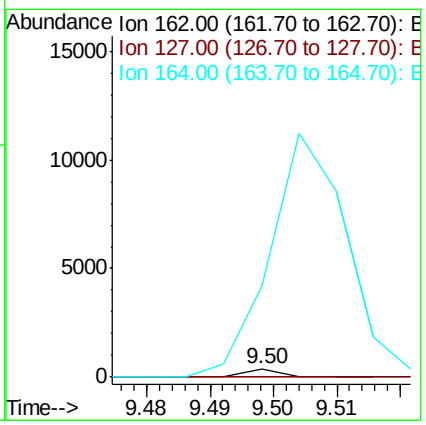


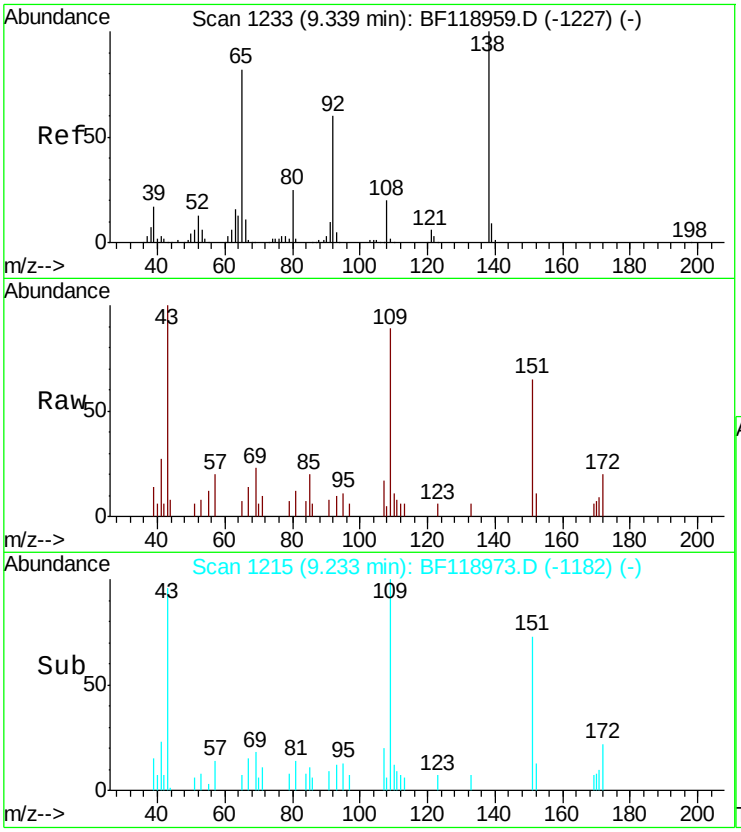


#47
2-Chloronaphthalene
Concen: 0.005 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:162 Resp: 139

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.9	47.9#
164	1070.1	26.8	40.2#



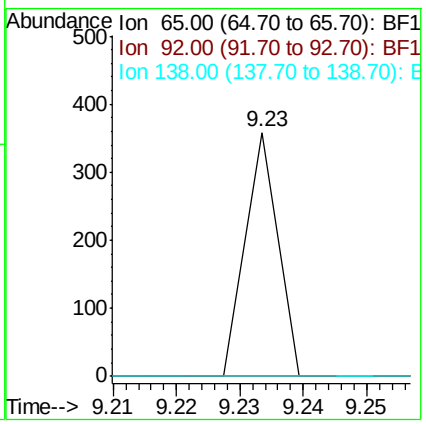


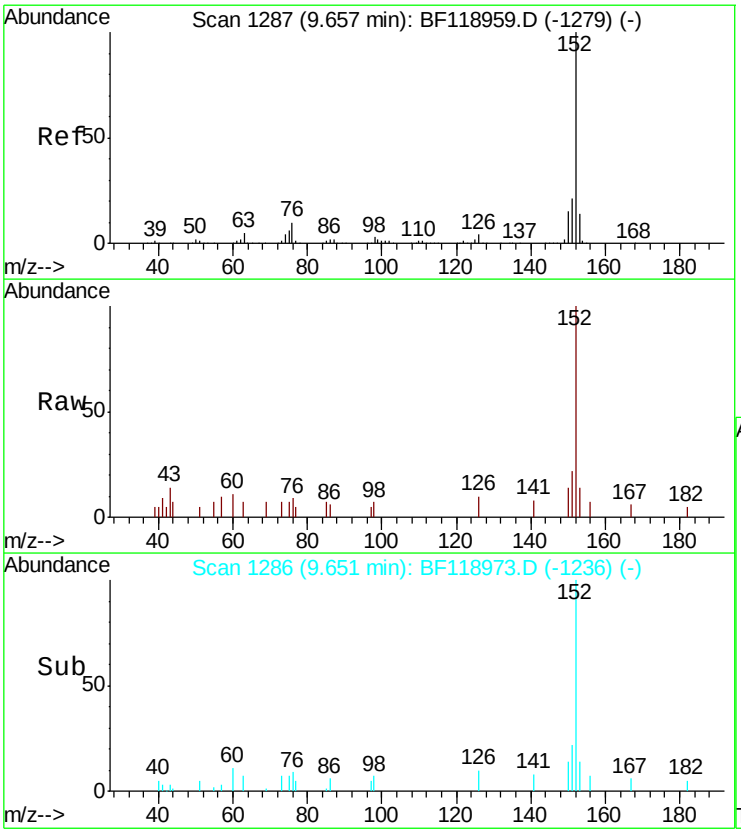
#48
2-Nitroaniline
Concen: 0.017 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.11 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 126

Ion	Ratio	Lower	Upper
65	100		
92	0.0	58.6	87.8#
138	0.0	97.5	146.3#

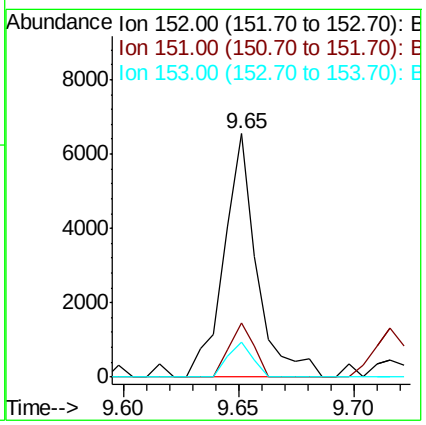


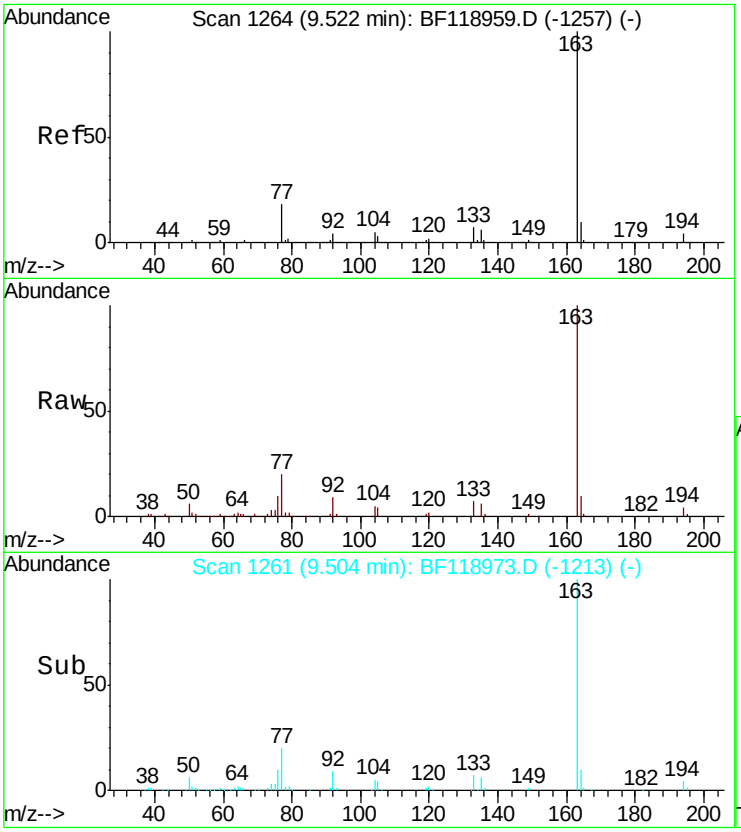


#49
Acenaphthylene
Concen: 0.163 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:152 Resp: 6428

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.7	25.1
153	14.2	10.9	16.3



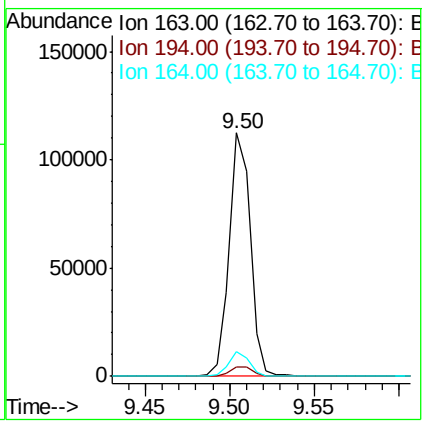


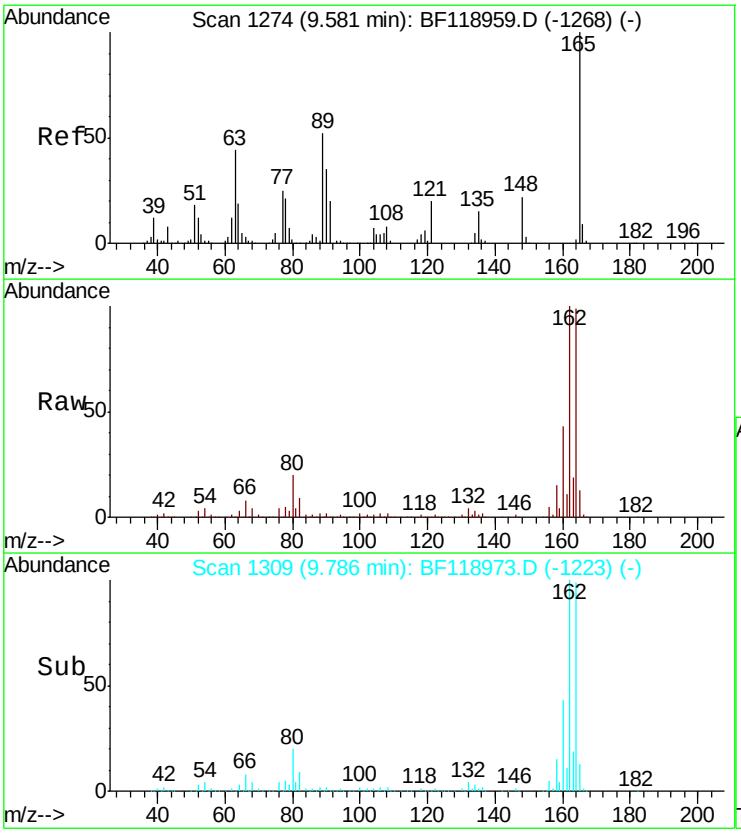
#50
Dimethylphthalate
Concen: 3.044 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 97461

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.2	12.2

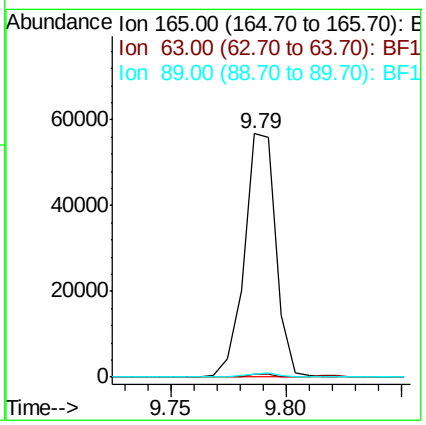


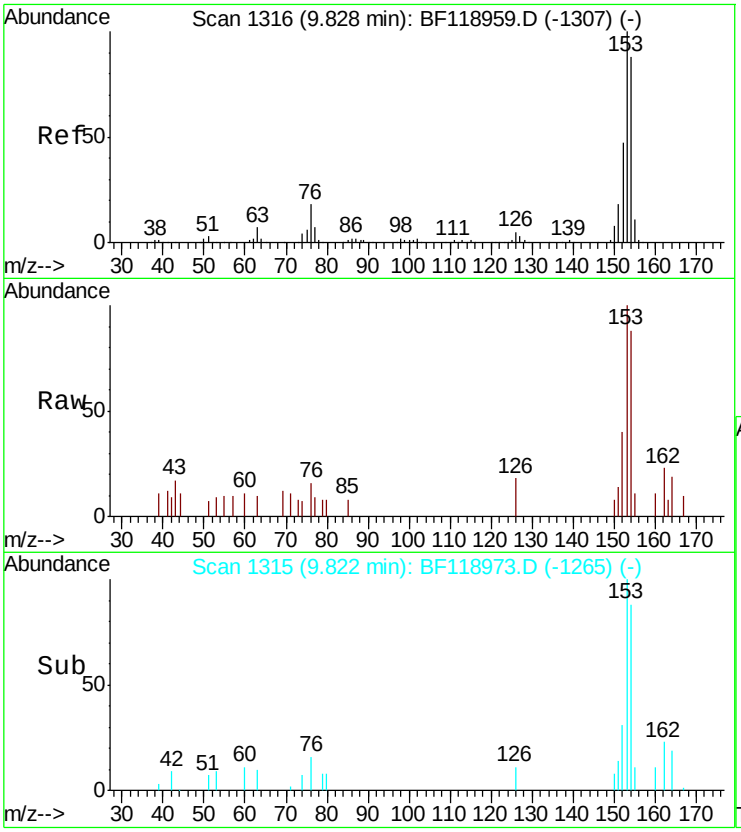


#51
2,6-Dinitrotoluene
Concen: 7.610 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:165 Resp: 54131

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.9	56.9#
89	1.5	41.4	62.0#



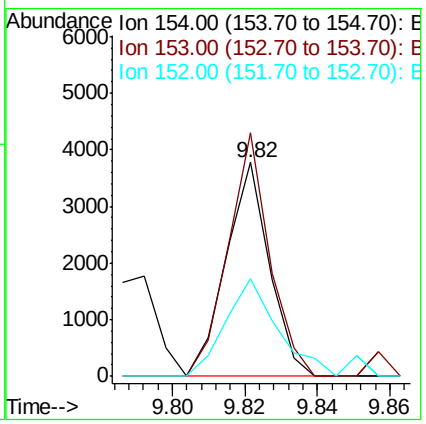


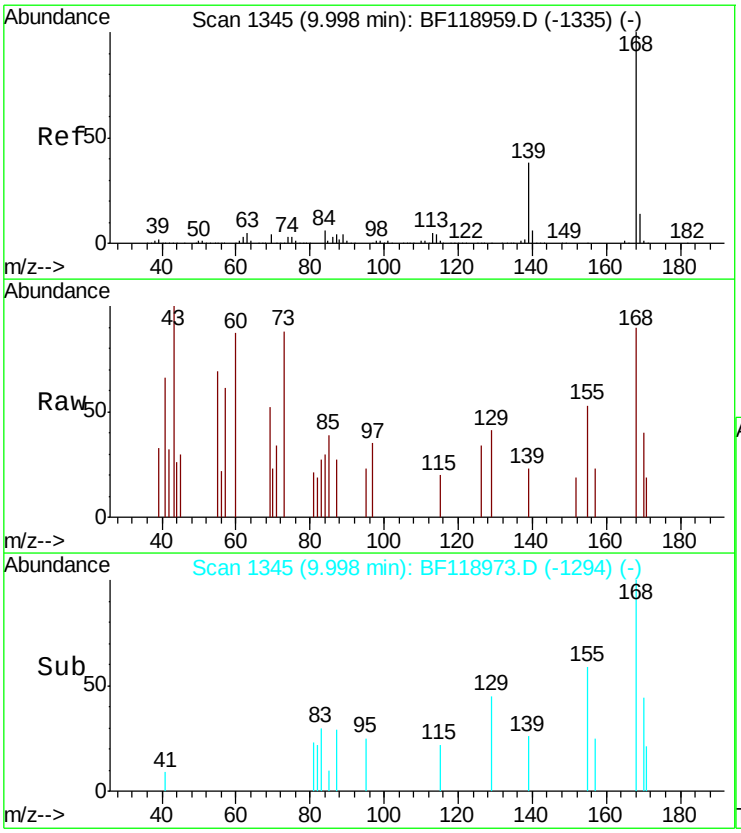
#52
Acenaphthene
Concen: 0.132 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 3138

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.4	135.6
152	45.6	42.9	64.3

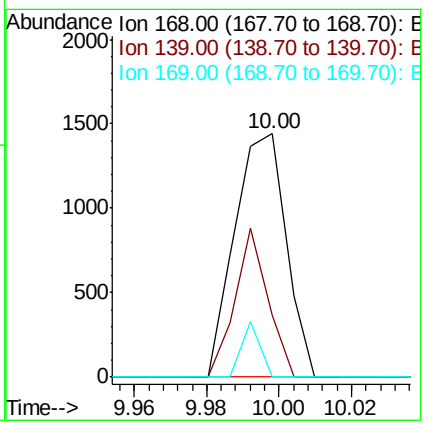


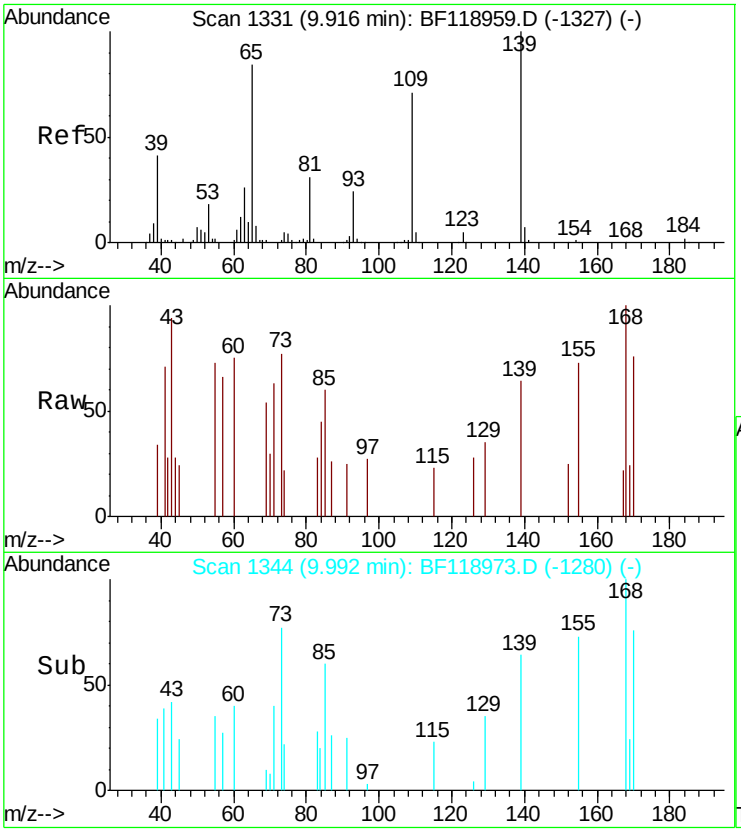


#55
Dibenzofuran
Concen: 0.040 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:168 Resp: 1419

Ion	Ratio	Lower	Upper
168	100		
139	25.5	31.7	47.5#
169	0.0	11.0	16.4#



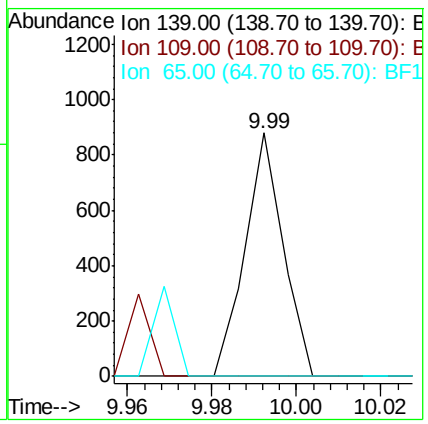


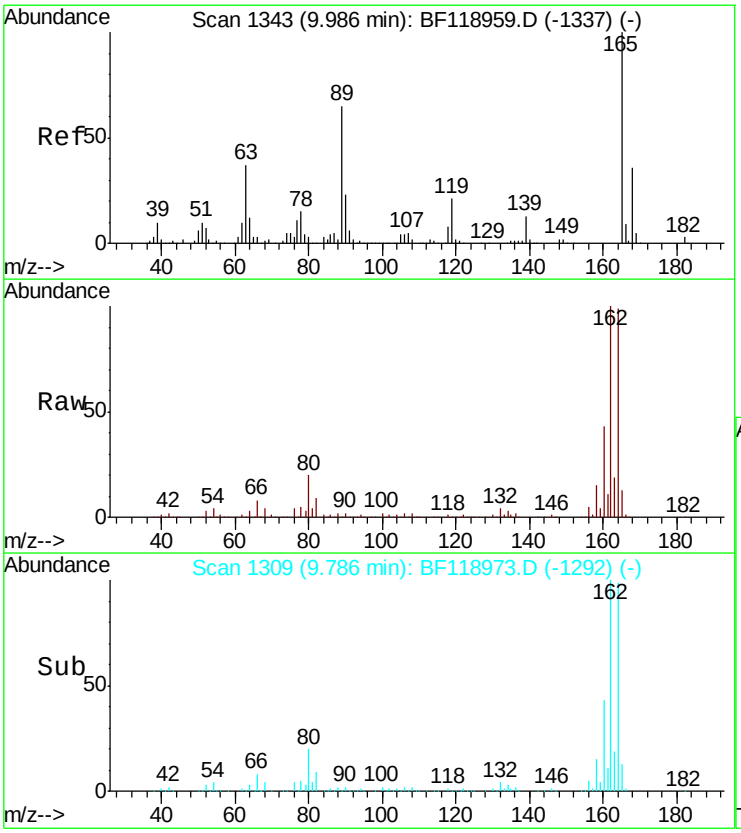
#56
4-Nitrophenol
Concen: 0.117 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.08 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 553

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.1	91.1#
65	0.0	64.7	104.7#

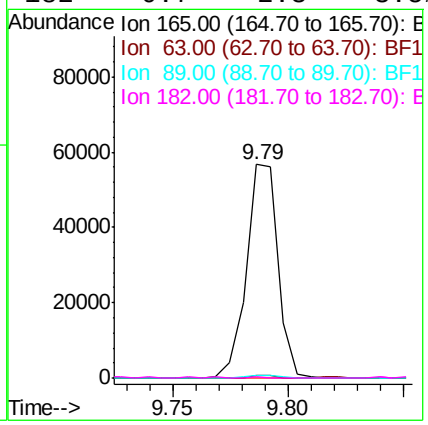


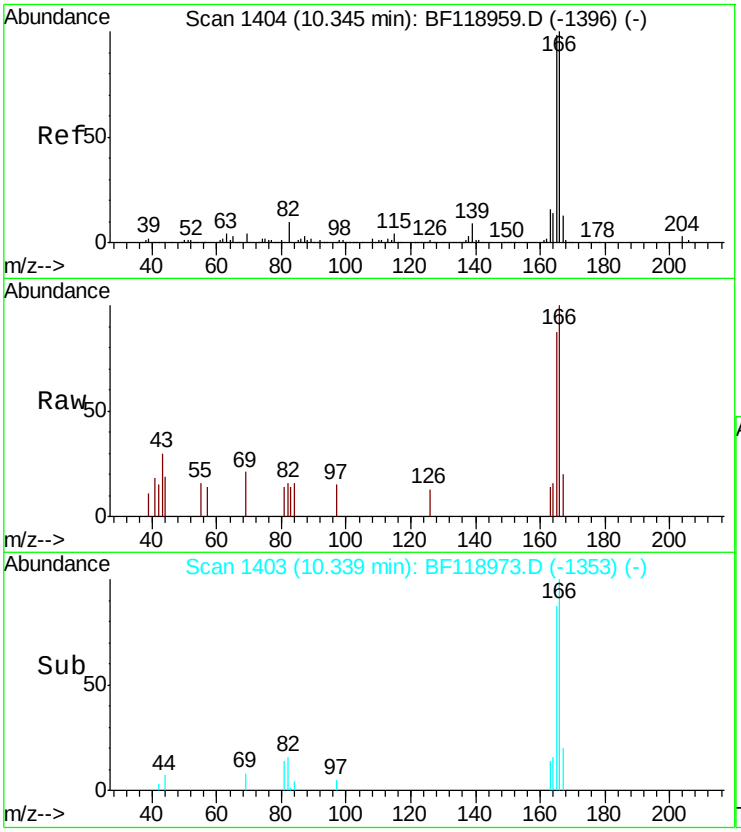


#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:165 Resp: 54131

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.5	51.9	77.9#
182	0.7	2.3	3.5#



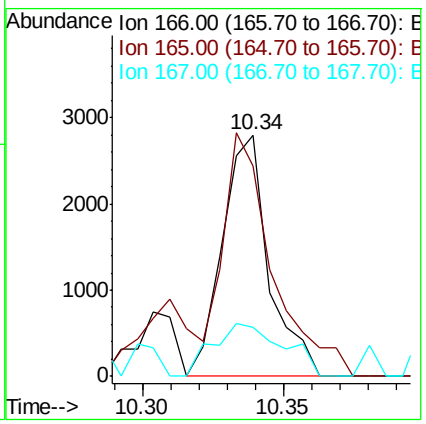


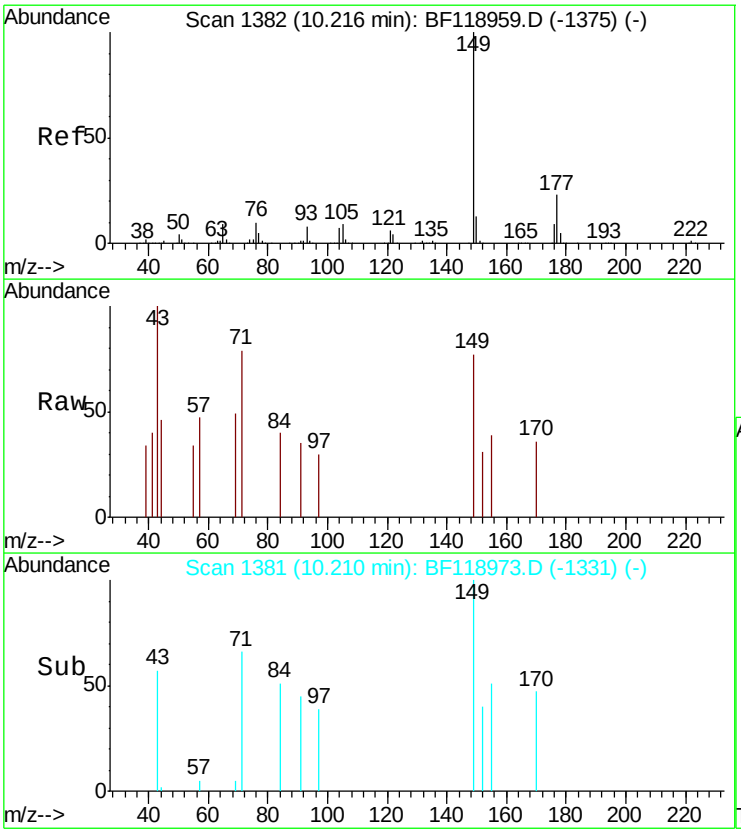
#58
Fluorene
Concen: 0.116 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 3194

Ion	Ratio	Lower	Upper
166	100		
165	87.1	78.2	117.4
167	20.4	10.6	16.0#

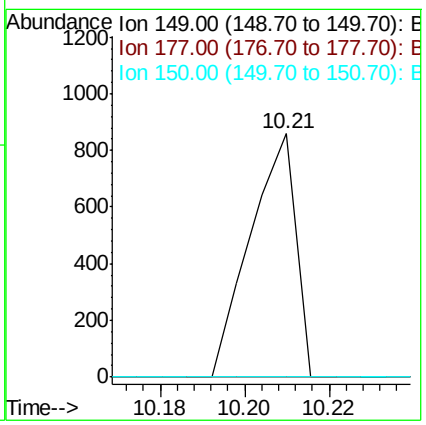


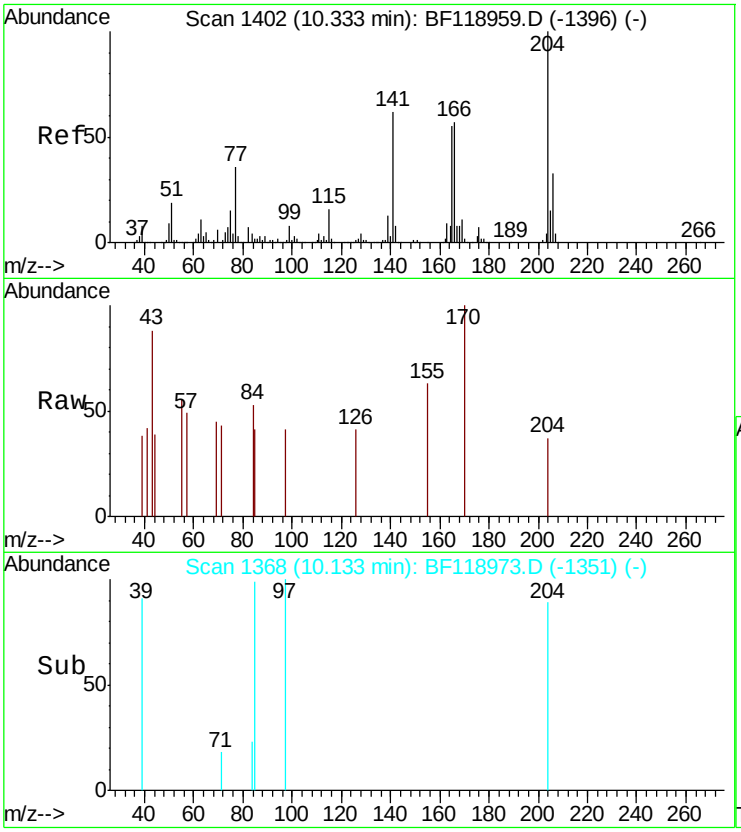


#60
Diethylphthalate
Concen: 0.021 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:149 Resp: 647

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.1	27.1#
150	0.0	10.4	15.6#



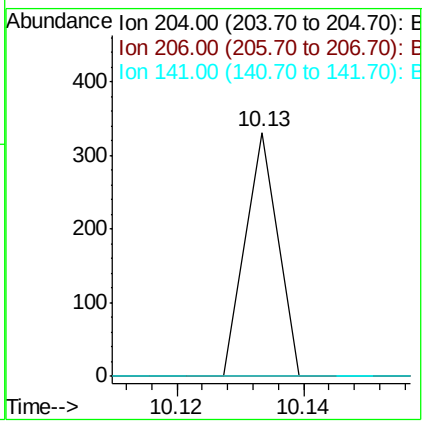


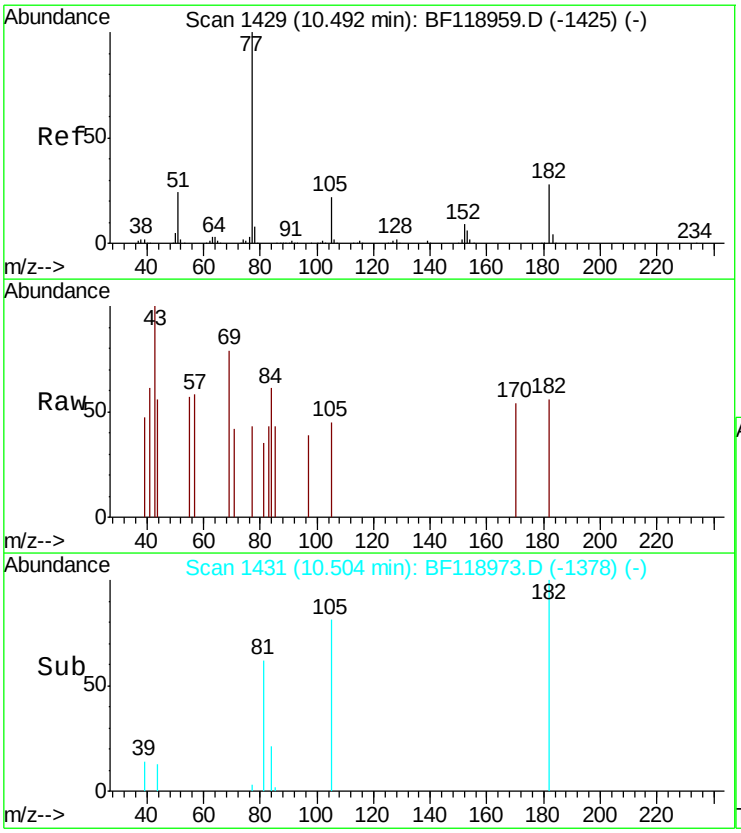
#61
4-Chlorophenyl-phenylether
Concen: 0.008 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.20 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 117

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	0.0	49.5	74.3#

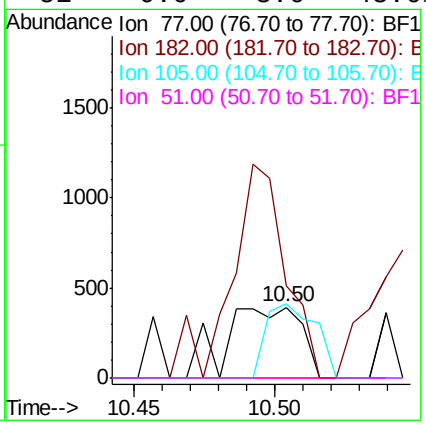


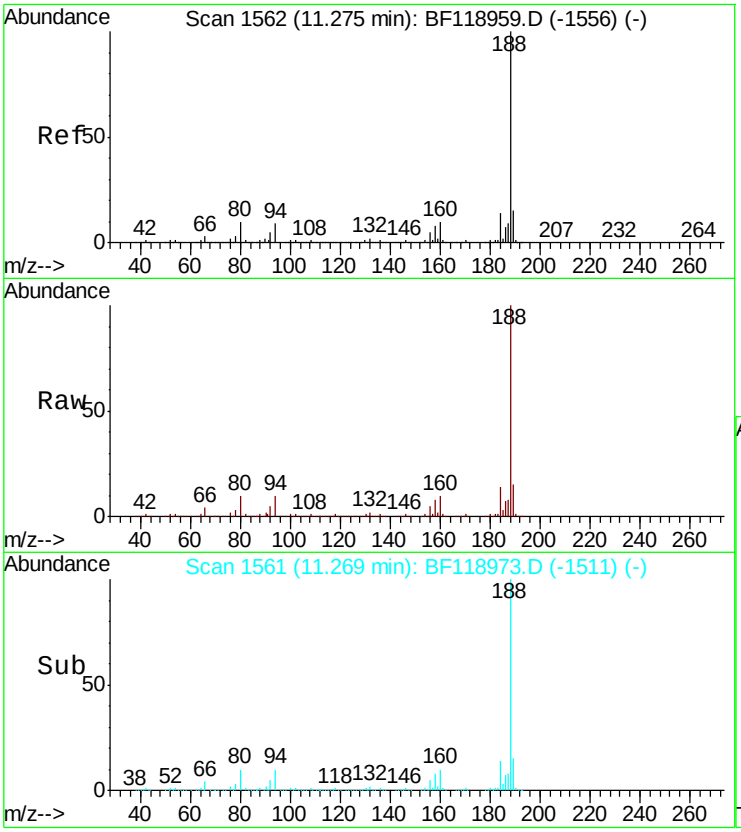


#63
Azobenzene
Concen: 0.028 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 77 Resp: 741

Ion	Ratio	Lower	Upper
77	100		
182	130.1	8.2	48.2#
105	104.8	2.3	42.3#
51	0.0	3.6	43.6#



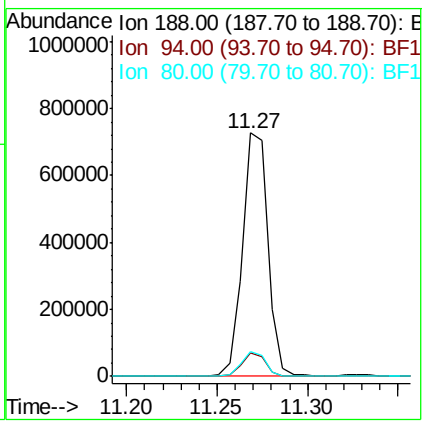


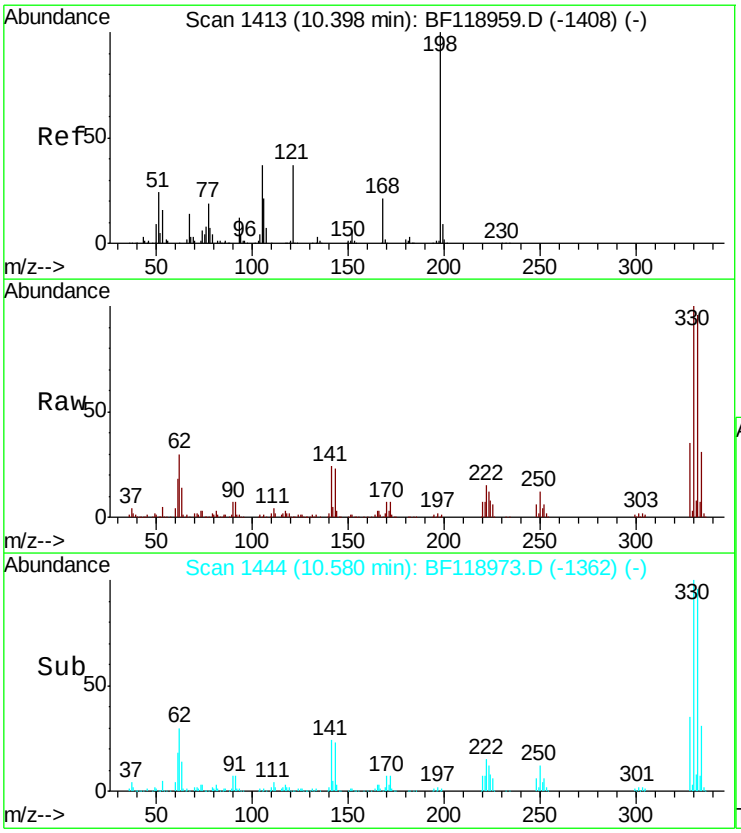
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 706473

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.4	7.9	11.9

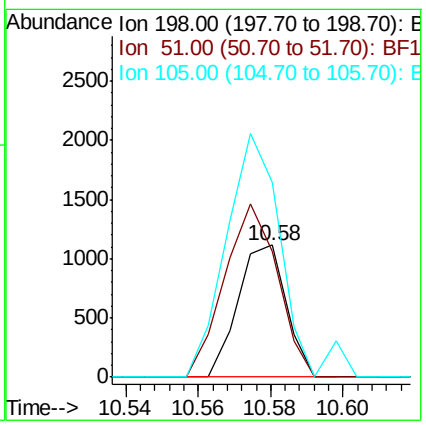


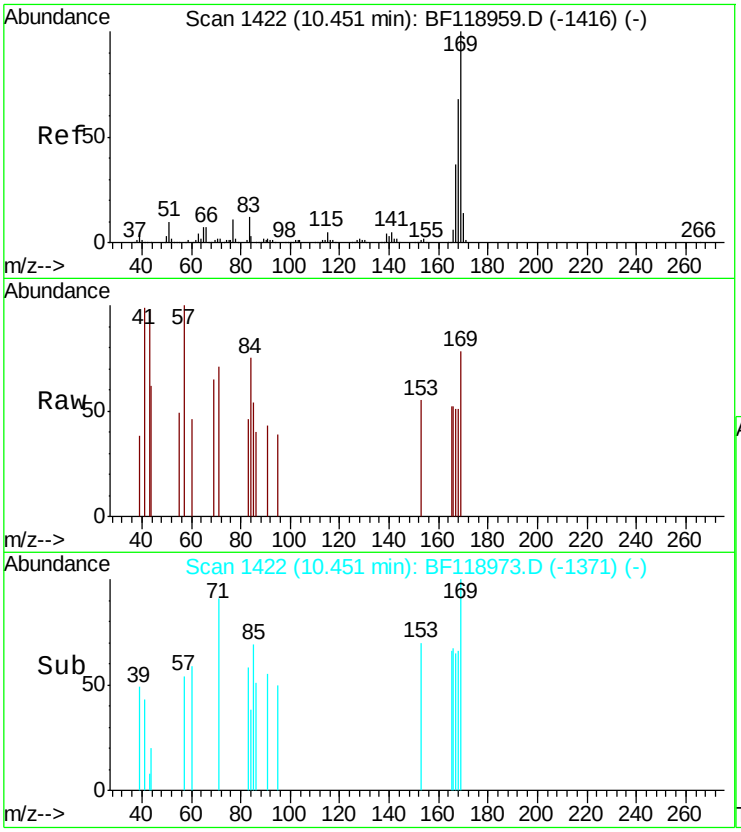


#65
4,6-Dinitro-2-methylphenol
Concen: 0.240 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:198 Resp: 1028

Ion	Ratio	Lower	Upper
198	100		
51	95.6	7.1	47.1#
105	147.7	18.3	58.3#



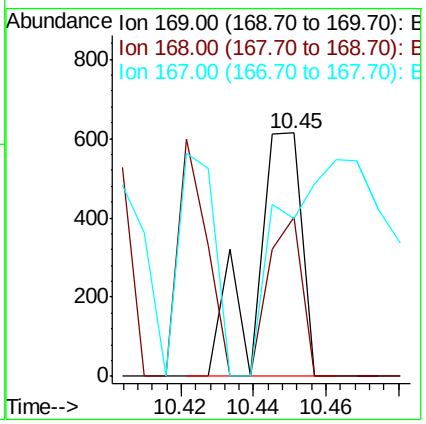


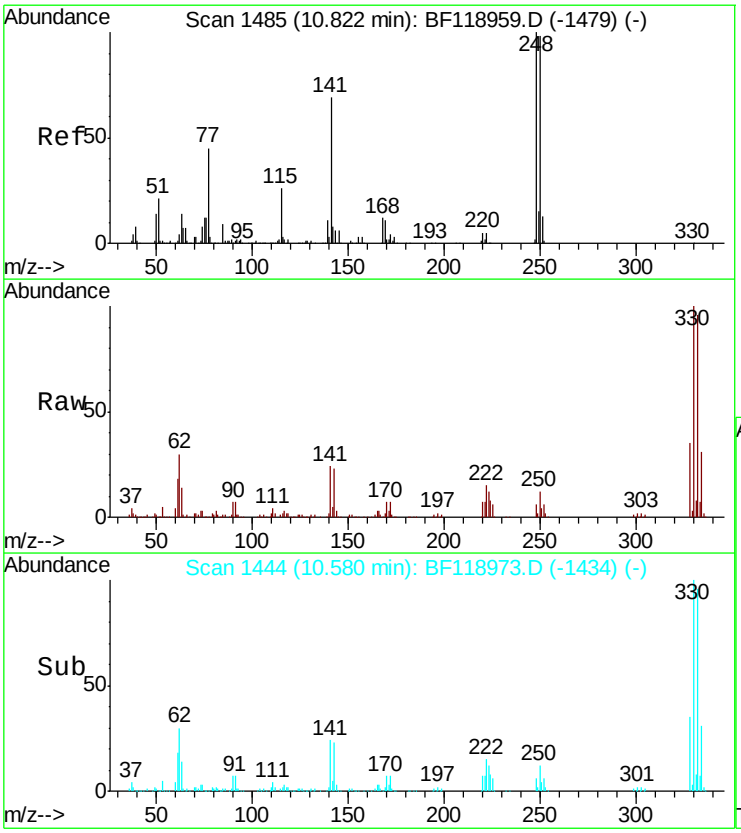
#66
n-Nitrosodiphenylamine
Concen: 0.024 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 545

Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.2	81.2
167	64.7	29.4	44.2#

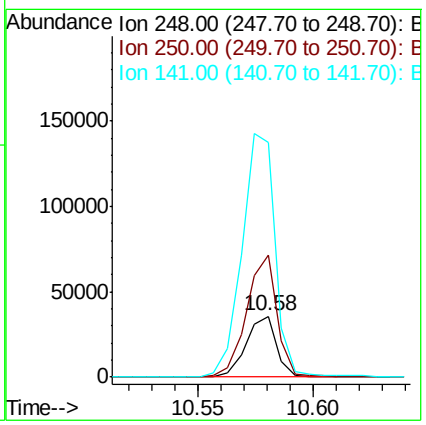


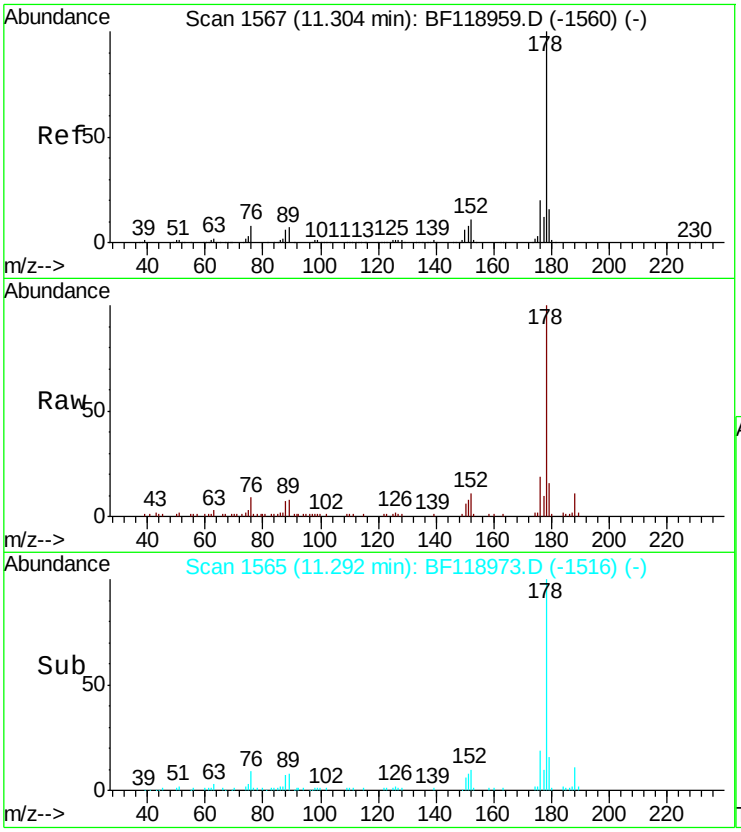


#67
4-Bromophenyl-phenylether
Concen: 3.594 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:248 Resp: 33185

Ion	Ratio	Lower	Upper
248	100		
250	200.0	78.8	118.2#
141	385.1	55.3	82.9#



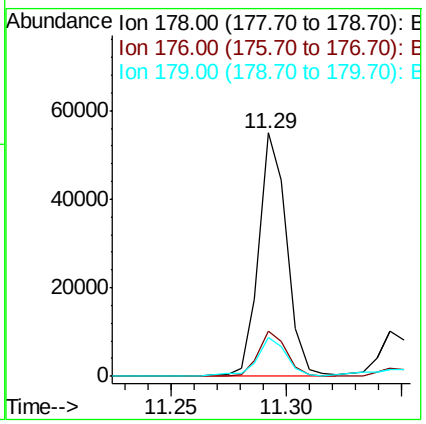


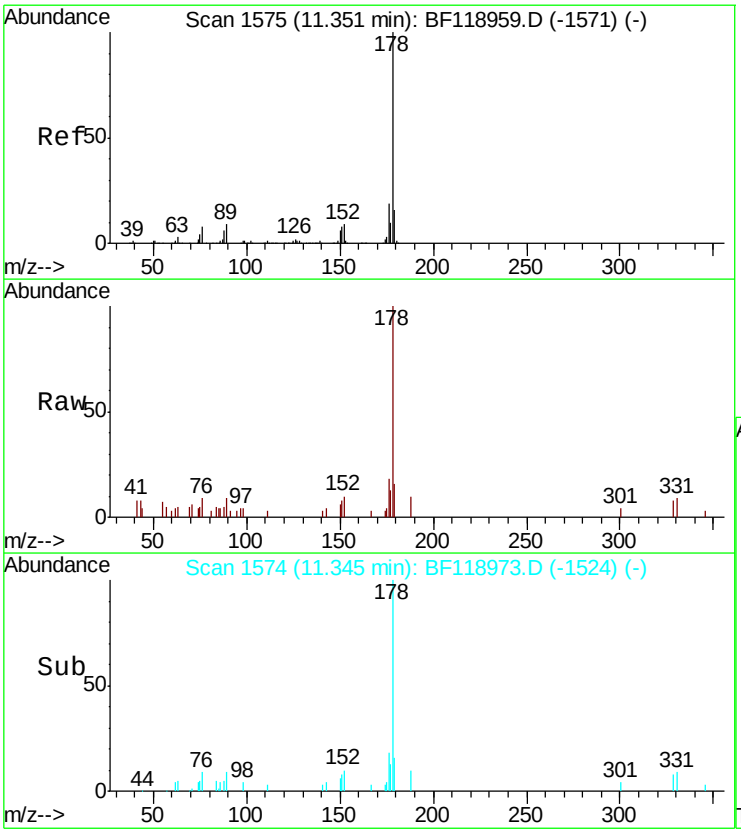
#71
Phenanthrene
Concen: 1.218 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 46915

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.7	12.6	18.8

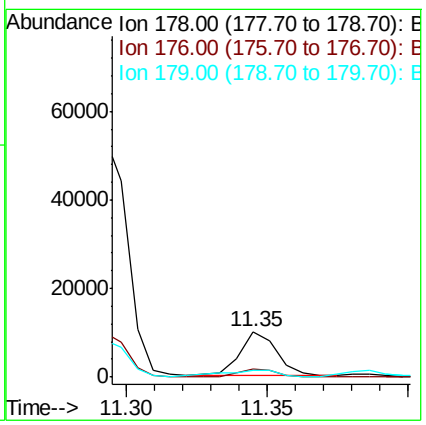


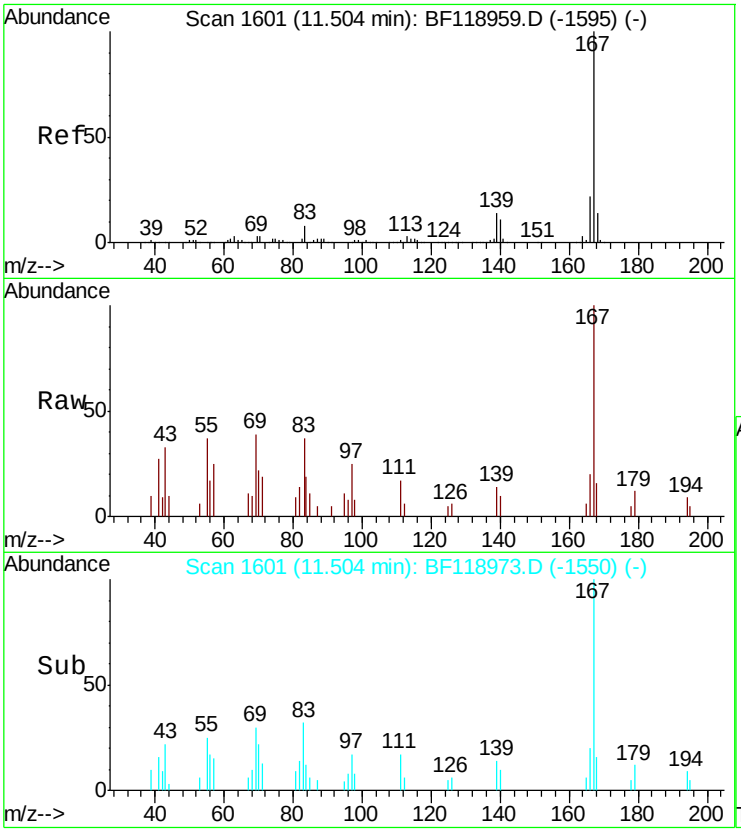


#72
Anthracene
Concen: 0.237 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:178 Resp: 9117

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.5	12.8	19.2



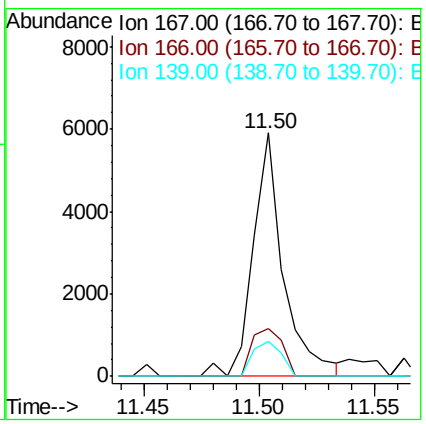


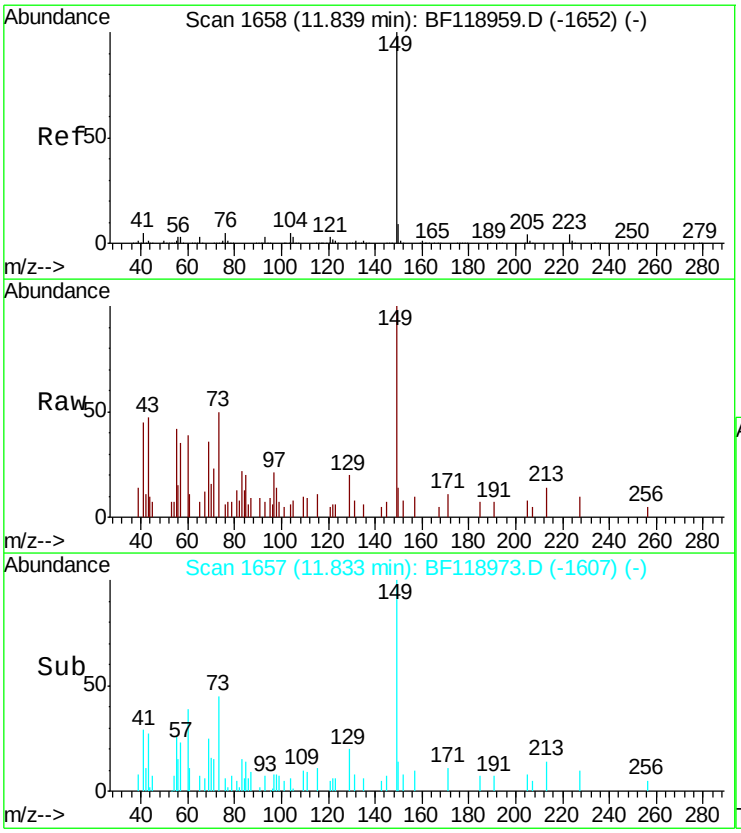
#73
Carbazole
Concen: 0.159 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 5445

Ion	Ratio	Lower	Upper
167	100		
166	19.8	17.8	26.6
139	14.4	11.2	16.8

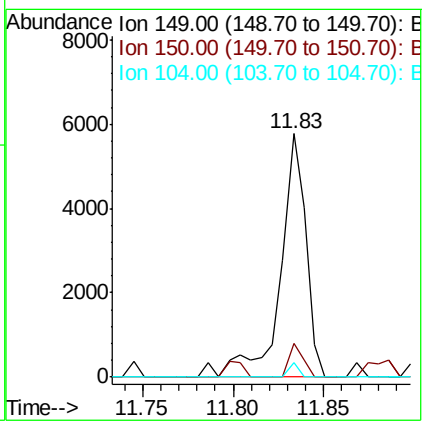


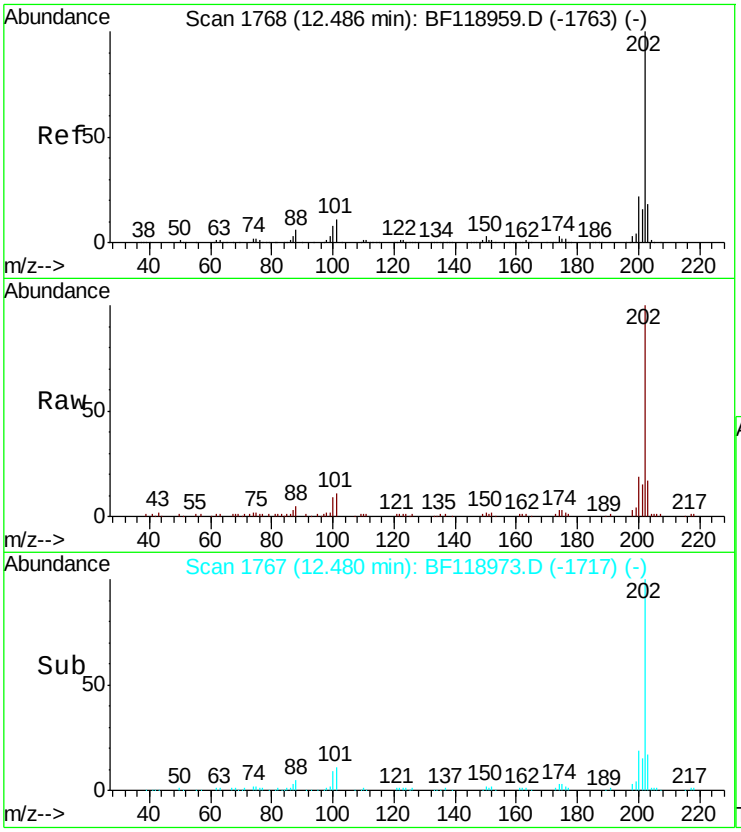


#74
Di-n-butylphthalate
Concen: 0.138 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:149 Resp: 5735

Ion	Ratio	Lower	Upper
149	100		
150	13.6	7.5	11.3#
104	6.1	4.0	6.0#



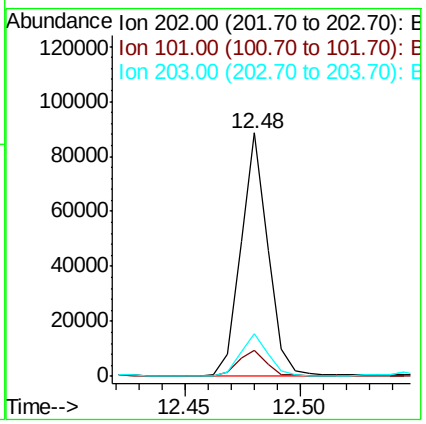


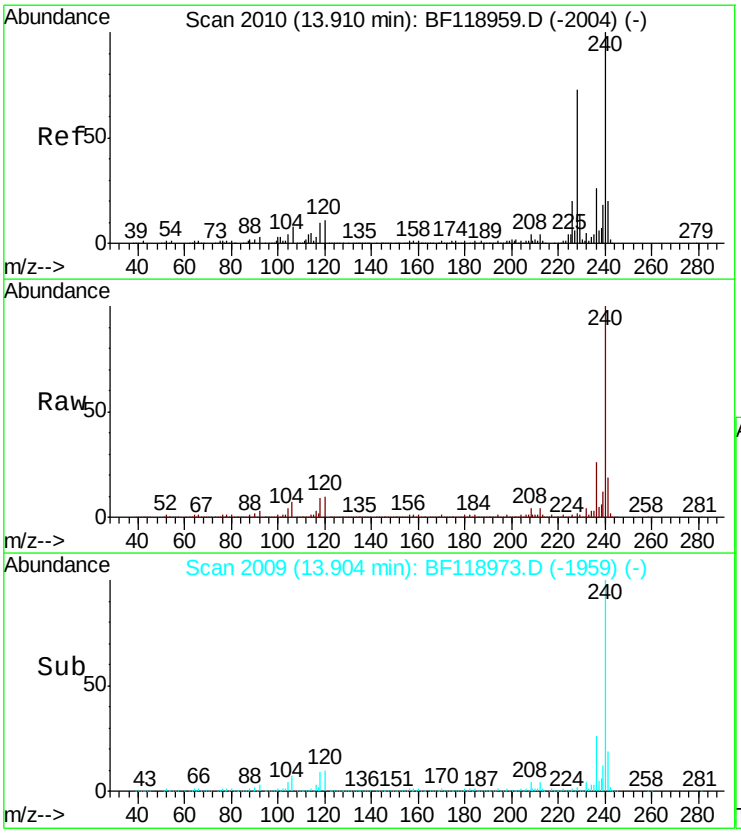
#75
Fluoranthene
Concen: 1.782 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 72893

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.1
203	17.3	0.0	38.1

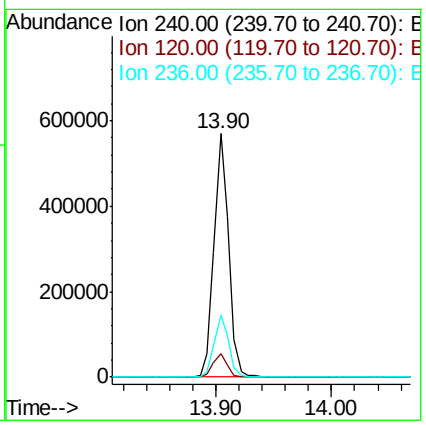


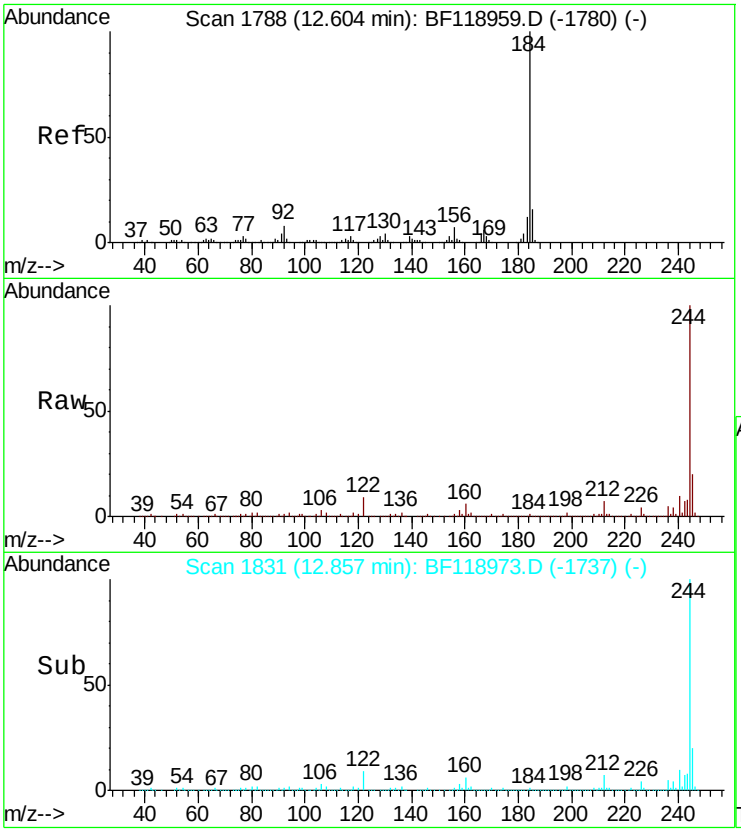


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:240 Resp: 497944

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	25.7	20.6	30.8



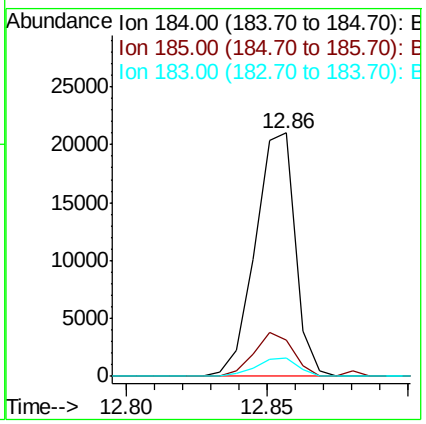


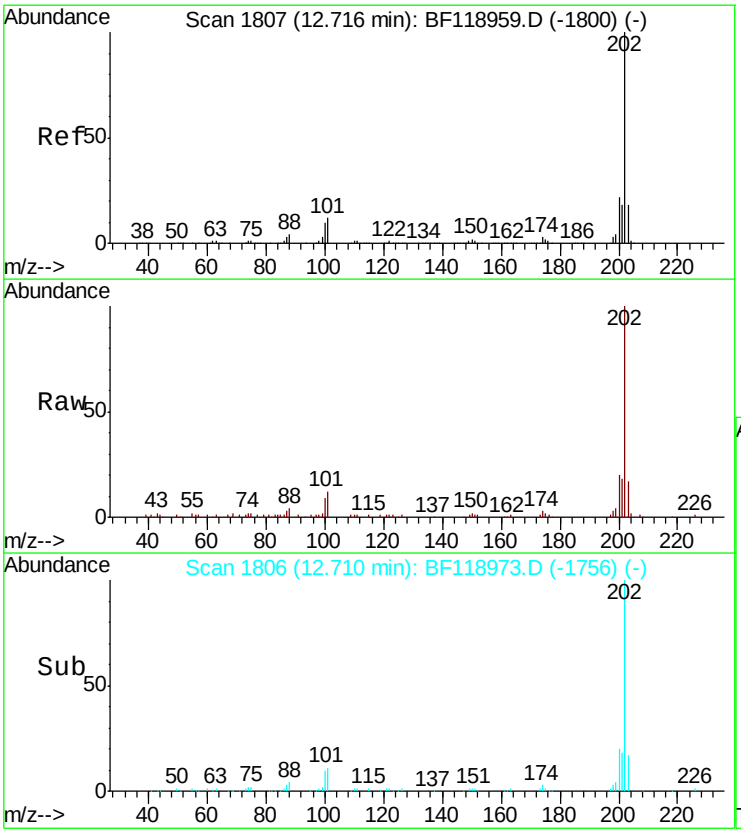
#77
Benzidine
Concen: 1.018 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 20618

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	7.5	9.9	14.9#

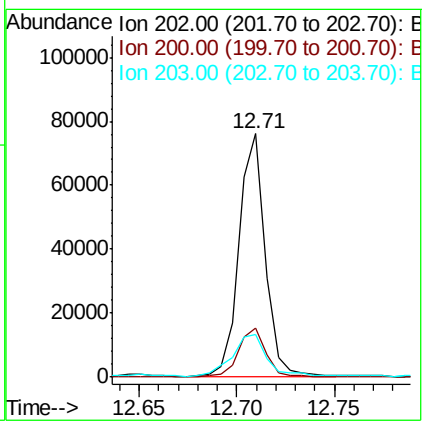


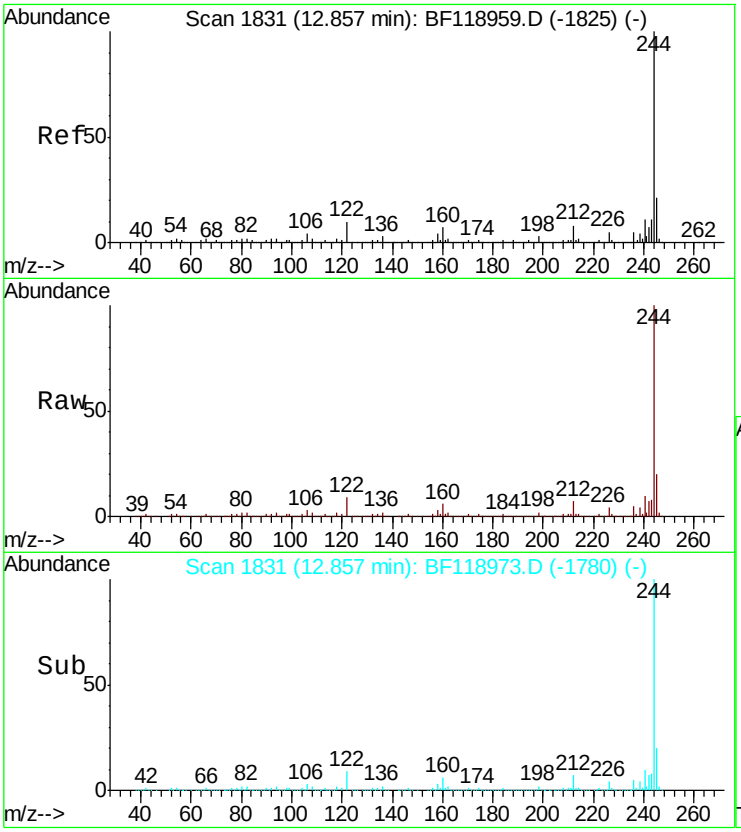


#78
Pyrene
Concen: 1.794 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:202 Resp: 71721

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.0
203	17.4	14.5	21.7



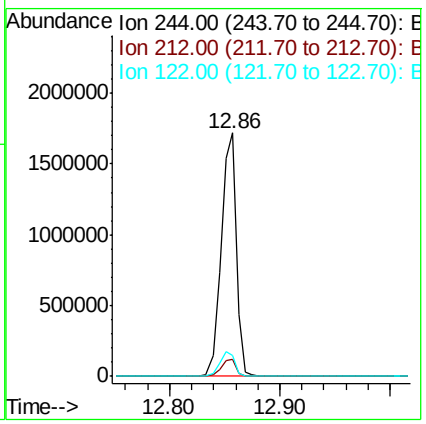


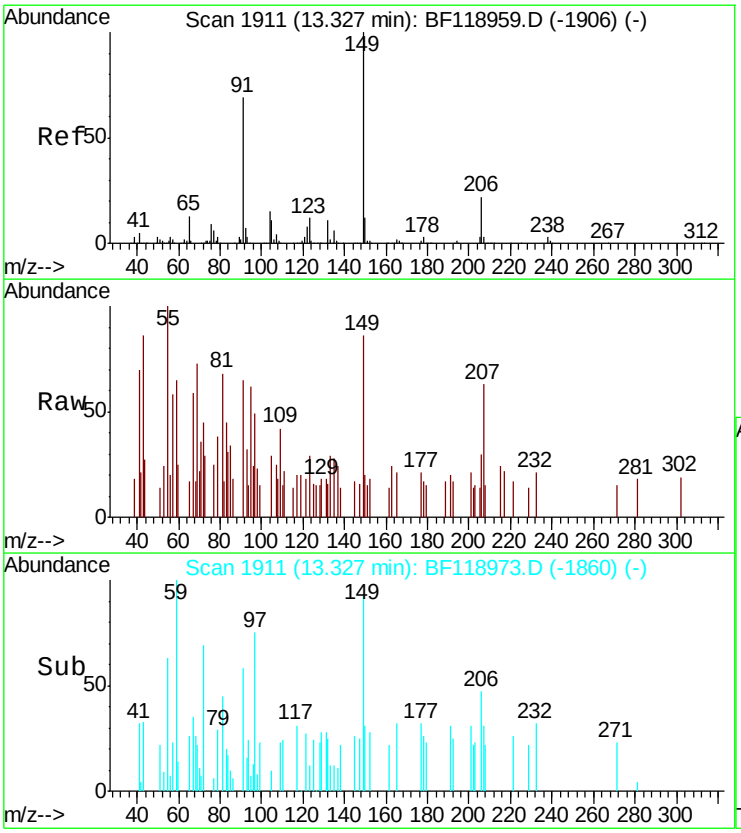
#79
Terphenyl-d14
Concen: 56.746 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1641215

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	8.8	8.4	12.6

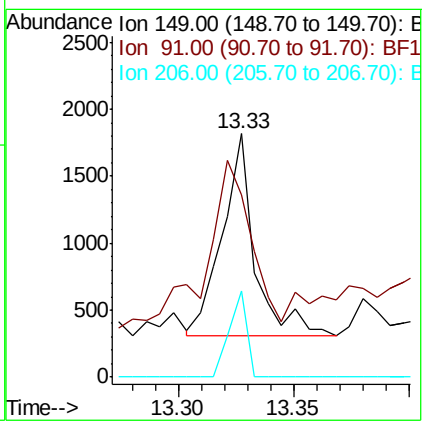


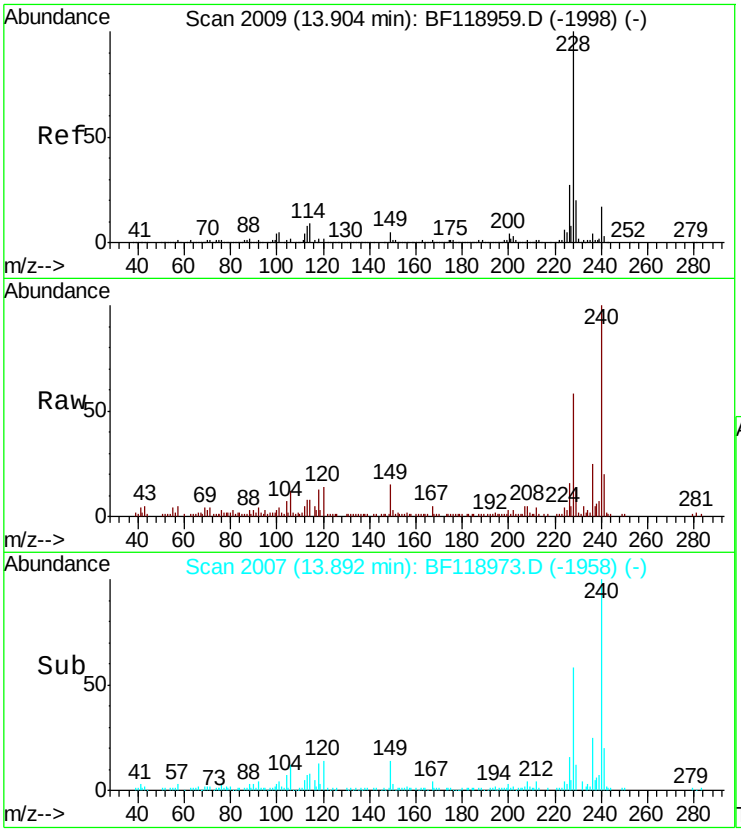


#80
Butylbenzylphthalate
Concen: 0.087 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:149 Resp: 1457

Ion	Ratio	Lower	Upper
149	100		
91	75.0	55.4	83.2
206	35.3	17.7	26.5#



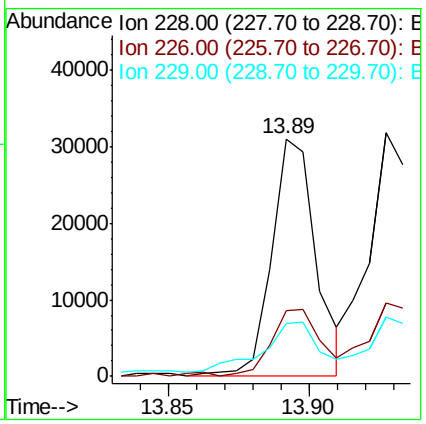


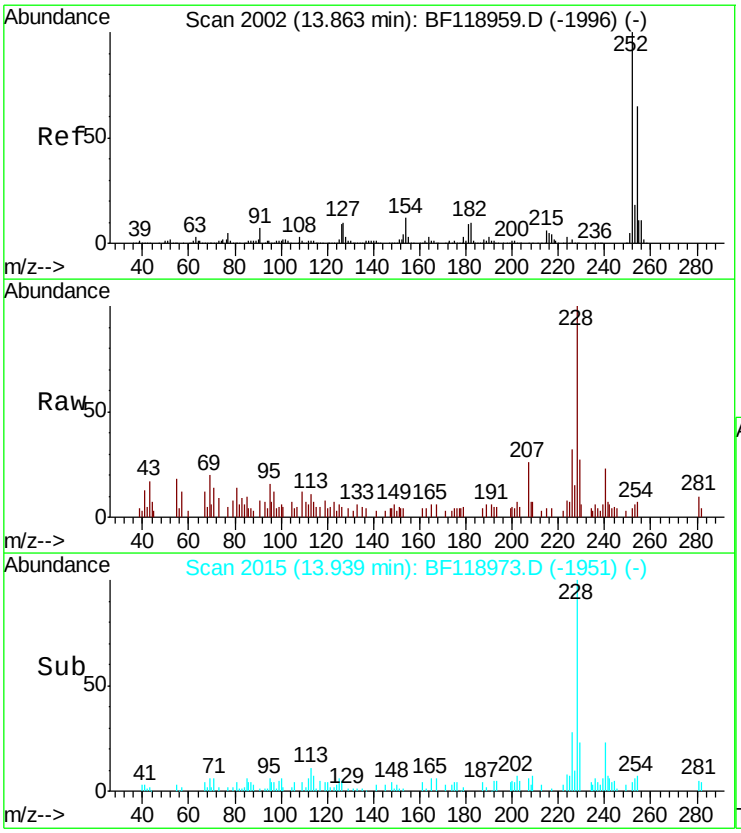
#81
Benzo(a)anthracene
Concen: 0.998 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 33870

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	22.3	16.0	24.0

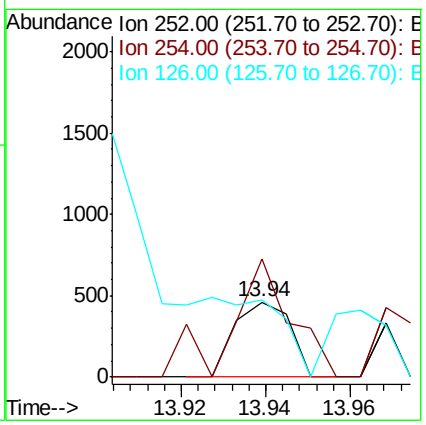


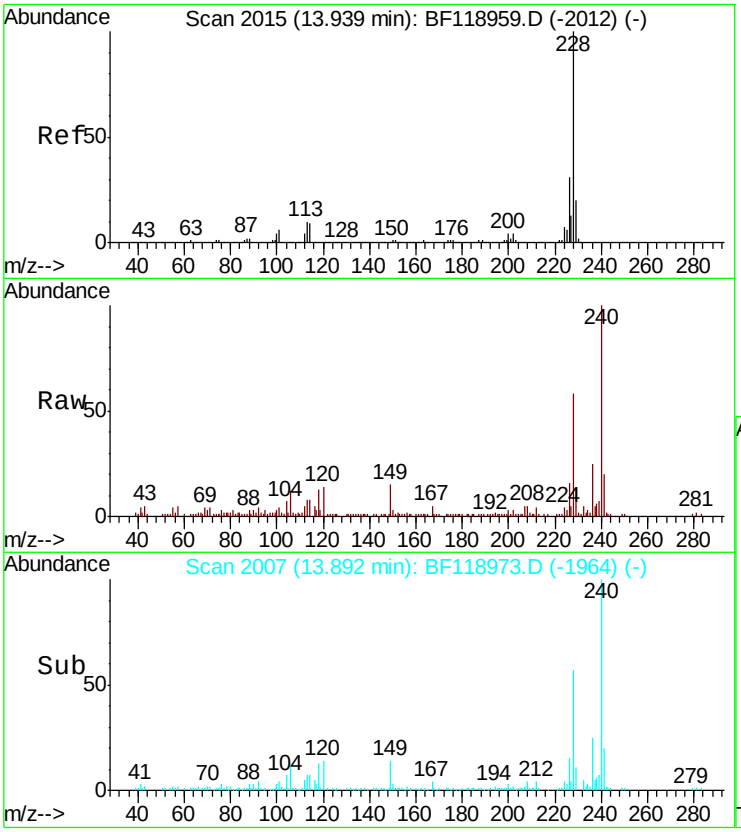


#82
3,3'-Dichlorobenzidine
Concen: 0.032 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.08 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:252 Resp: 423

Ion	Ratio	Lower	Upper
252	100		
254	157.9	52.1	78.1#
126	102.4	7.3	10.9#



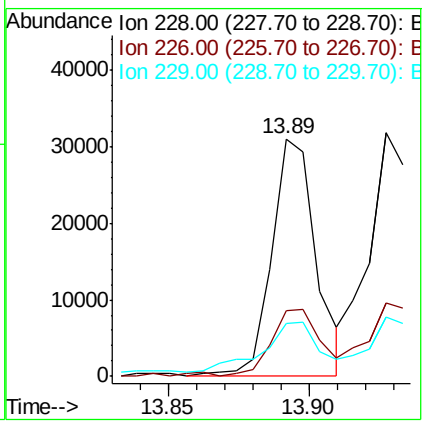


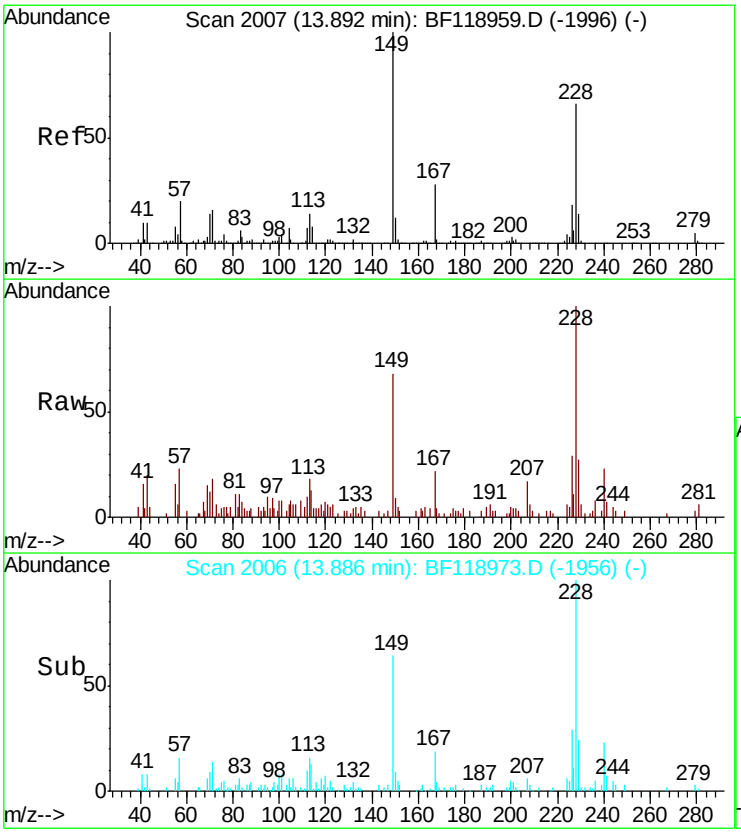
#83
Chrysene
Concen: 1.002 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.05 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 33870

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.6	37.0
229	22.3	16.2	24.2

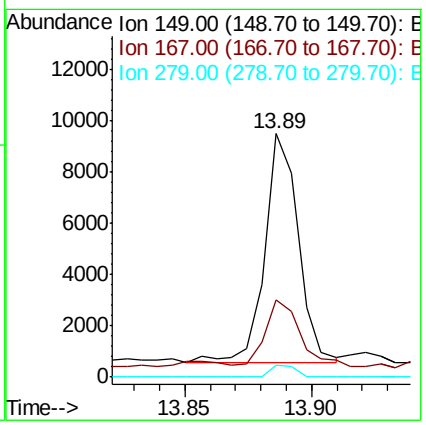


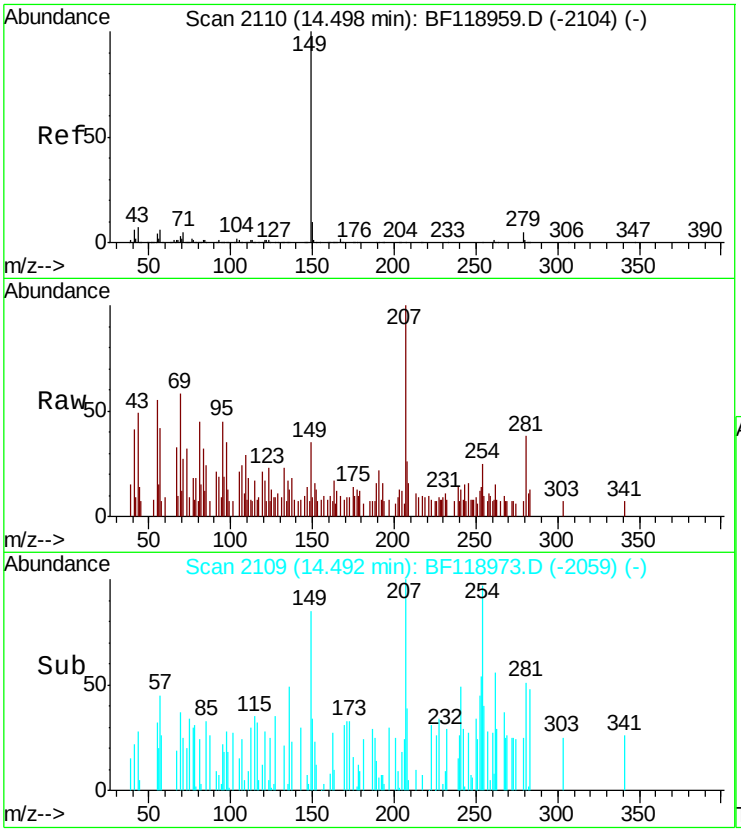


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:149 Resp: 8214

Ion	Ratio	Lower	Upper
149	100		
167	31.7	22.3	33.5
279	5.1	4.2	6.4



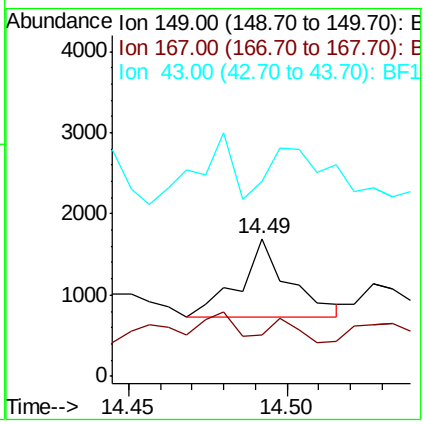


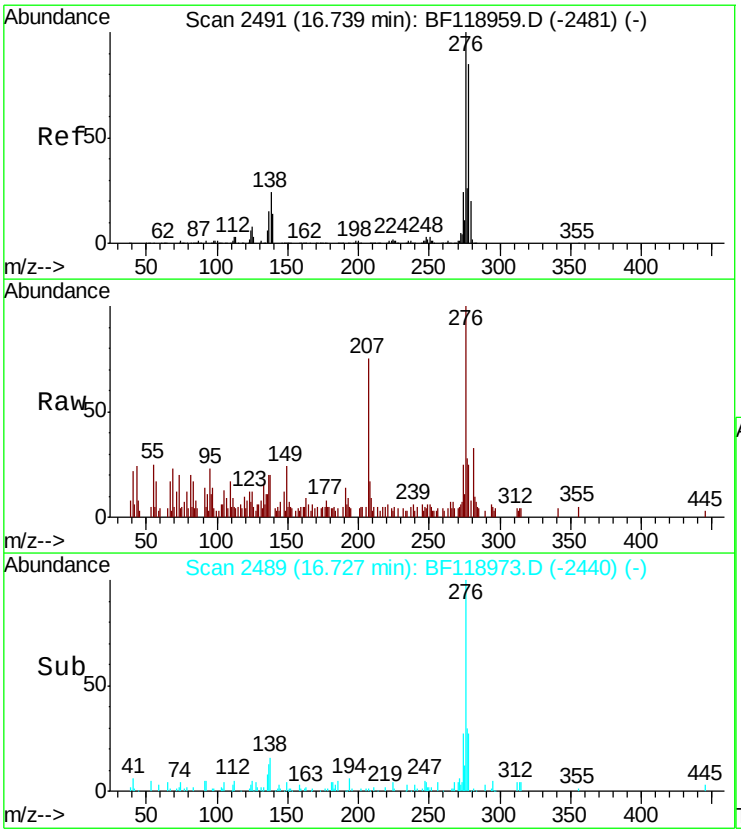
#85
Di-n-octyl phthalate
Concen: 0.031 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1038

Ion	Ratio	Lower	Upper
149	100		
167	15.7	1.3	1.9#
43	88.9	5.2	7.8#

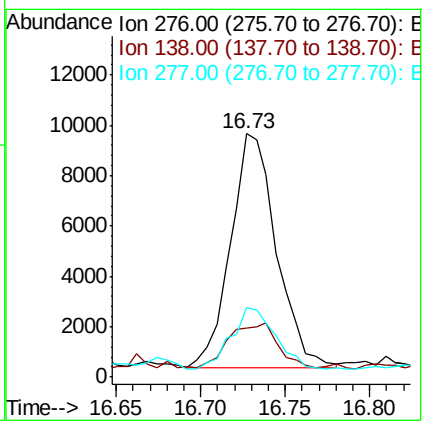


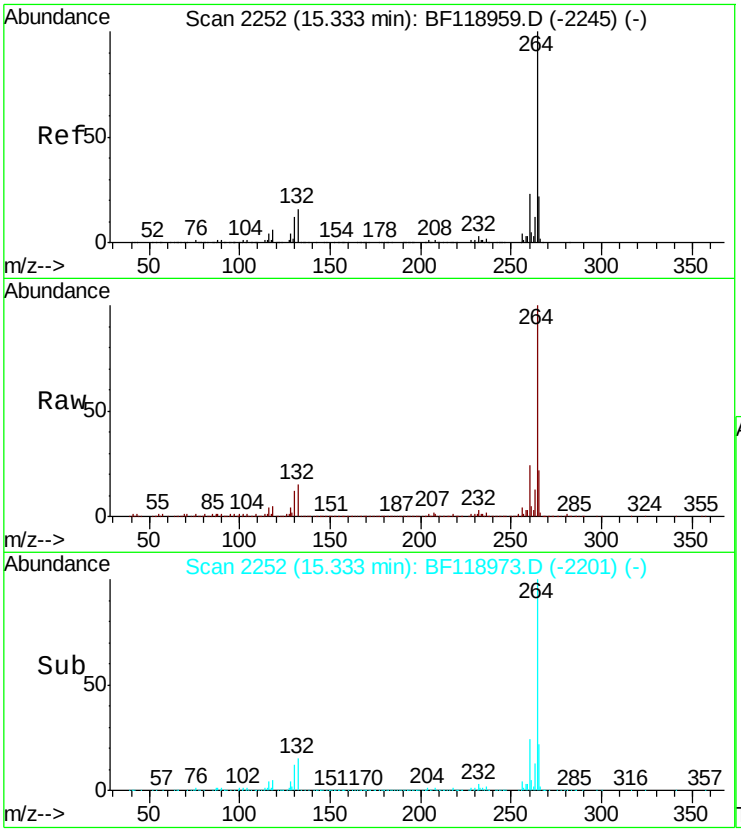


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:276 Resp: 17651

Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.7	28.1
277	26.3	20.3	30.5



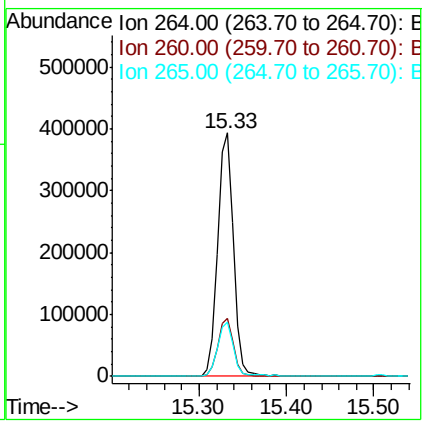


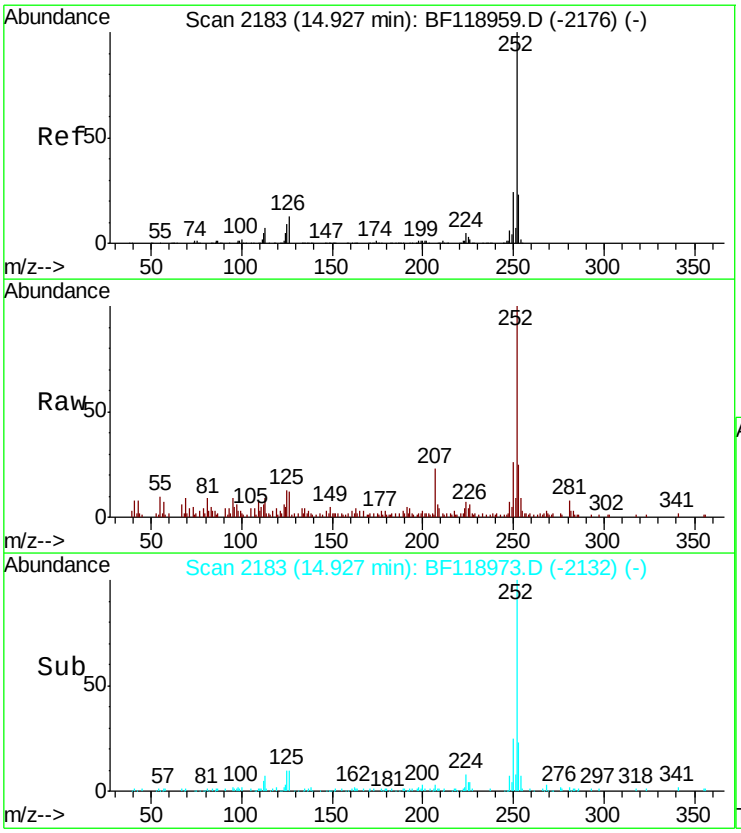
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 496113

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.2	17.3	25.9

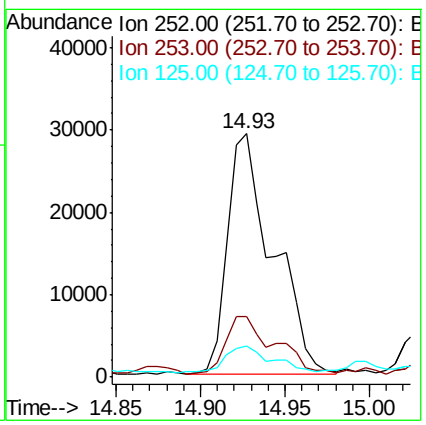


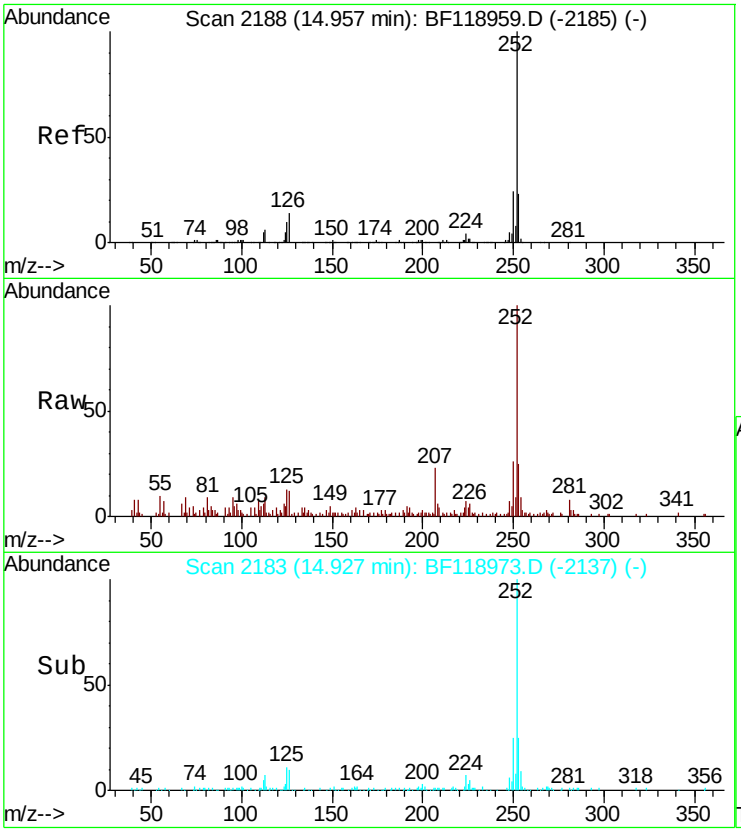


#88
Benzo(b)fluoranthene
Concen: 1.669 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:252 Resp: 54593

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	12.8	7.4	11.0#



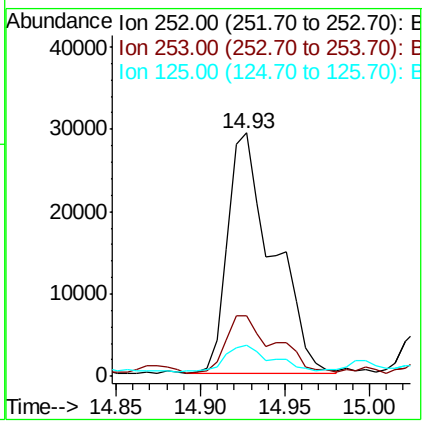


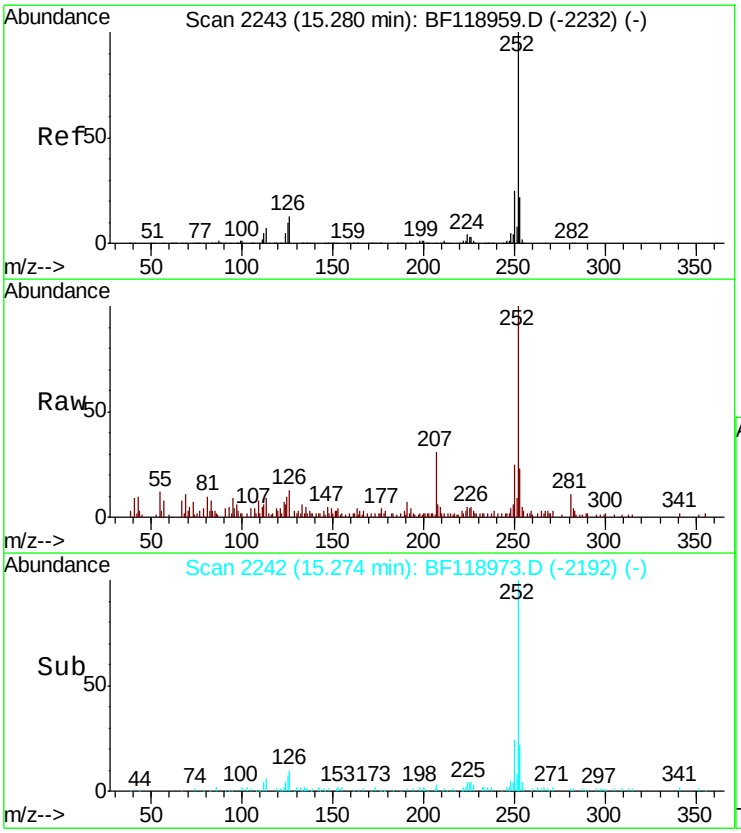
#89
Benzo(k)fluoranthene
Concen: 1.801 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 54593

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	12.8	7.3	10.9#

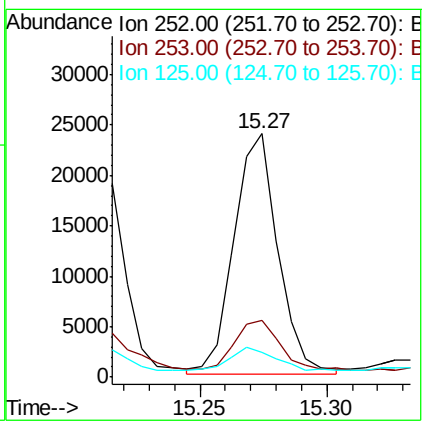


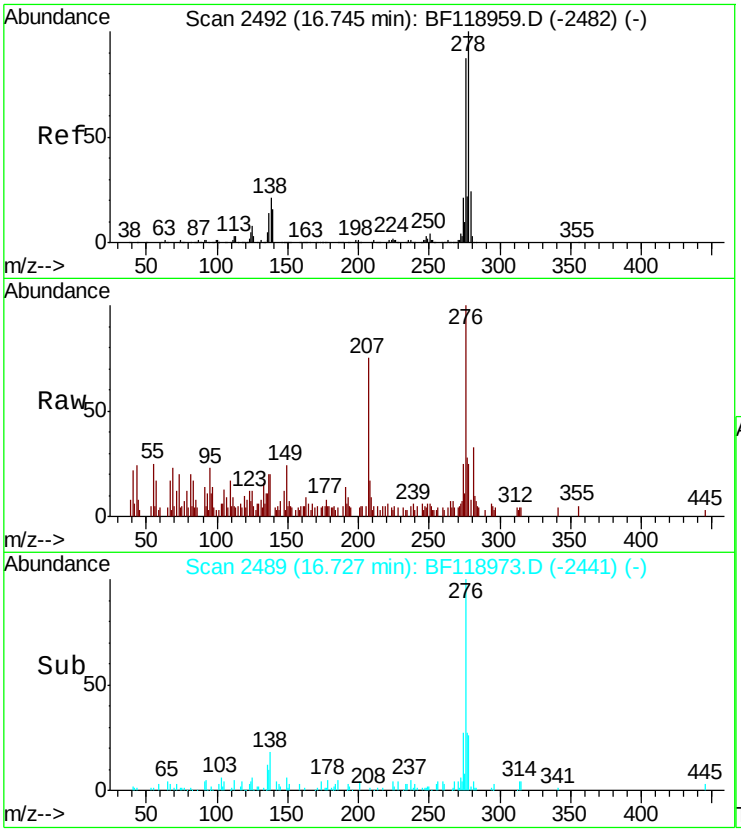


#90
Benzo(a)pyrene
Concen: 0.974 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:252 Resp: 28760

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.4	7.8	11.6



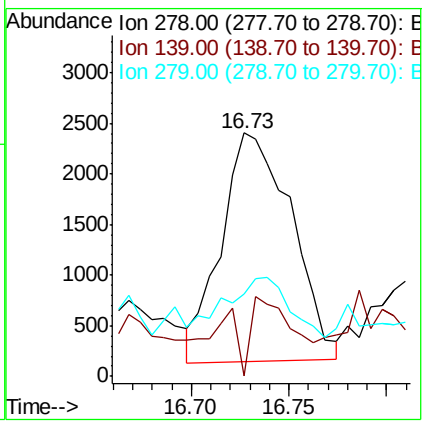


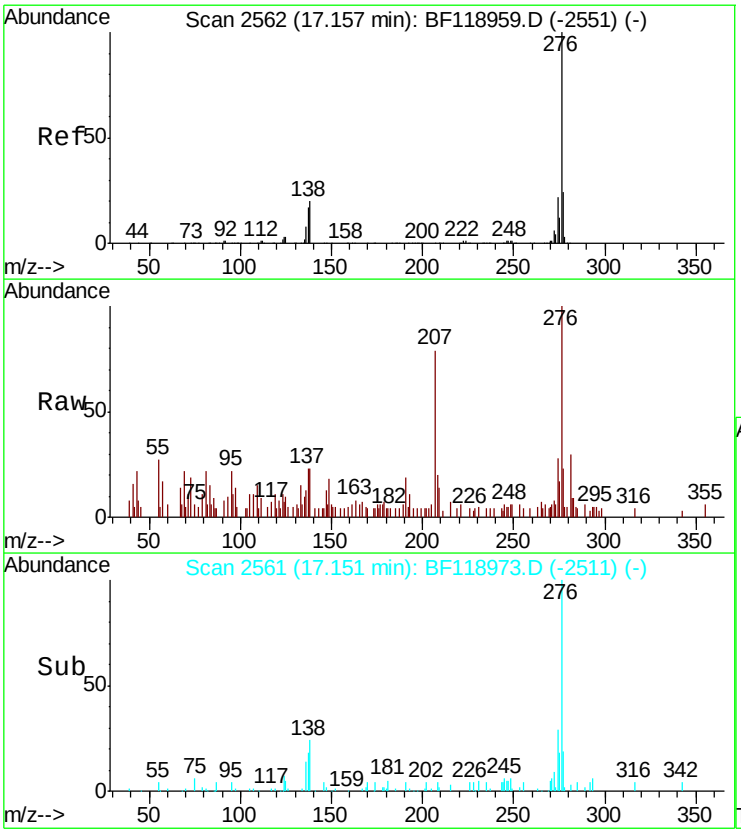
#91
Dibenzo(a,h)anthracene
Concen: 0.218 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.02 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 5654

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	18.8#
279	33.9	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.863 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:276 Resp: 22144

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.4	16.2	24.4